



**Mercury®/Mariner®/Force®**



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**Manifold Catalog**

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All illustrations used in this catalog are intended as representative views for reference only.

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# Section 1

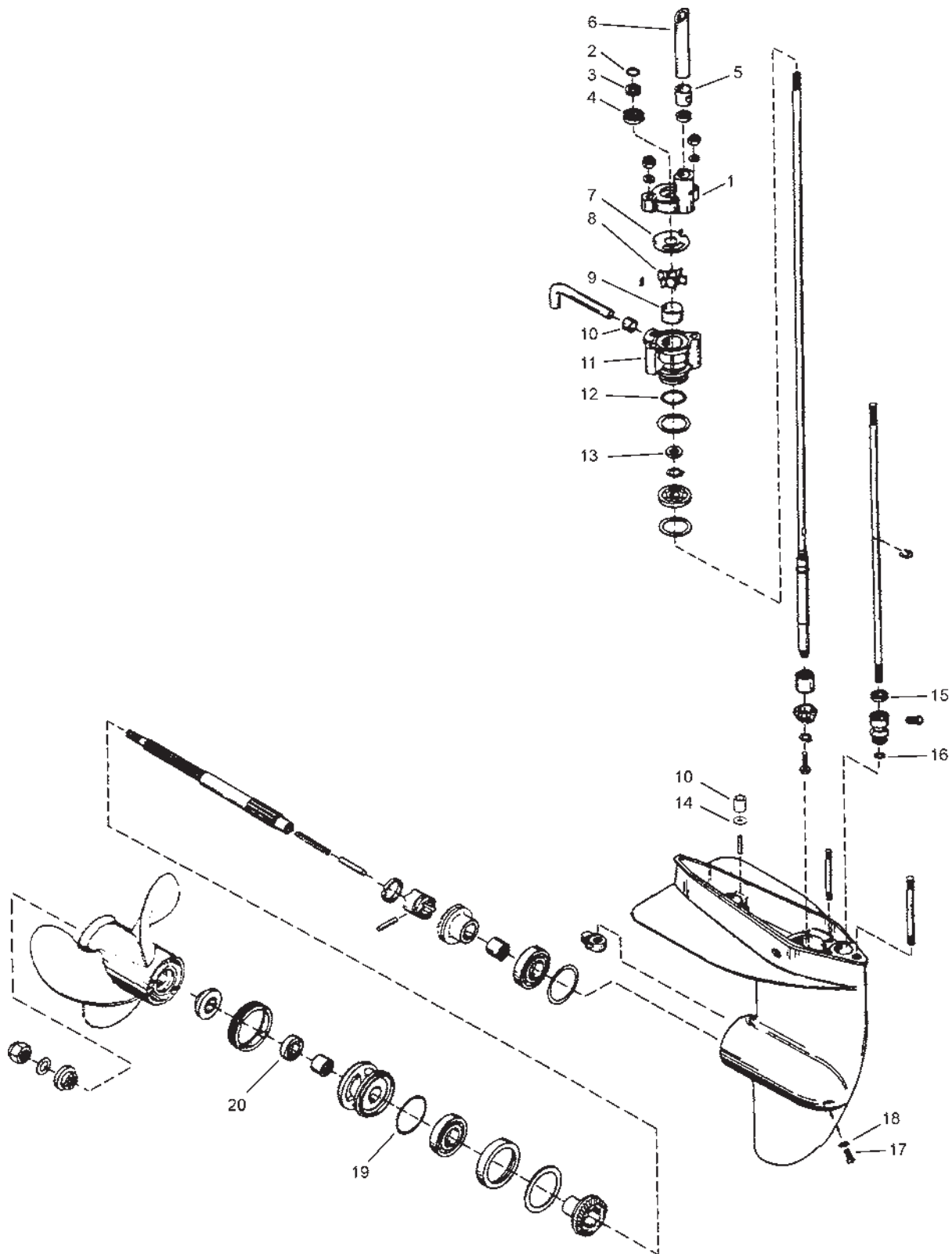
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## Mercury / Mariner / Force Gearcase Exploded Views

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## GEARCASE COMPONENTS - 3.9, 4, 4.5, 6, 7.5, 9.8 HP



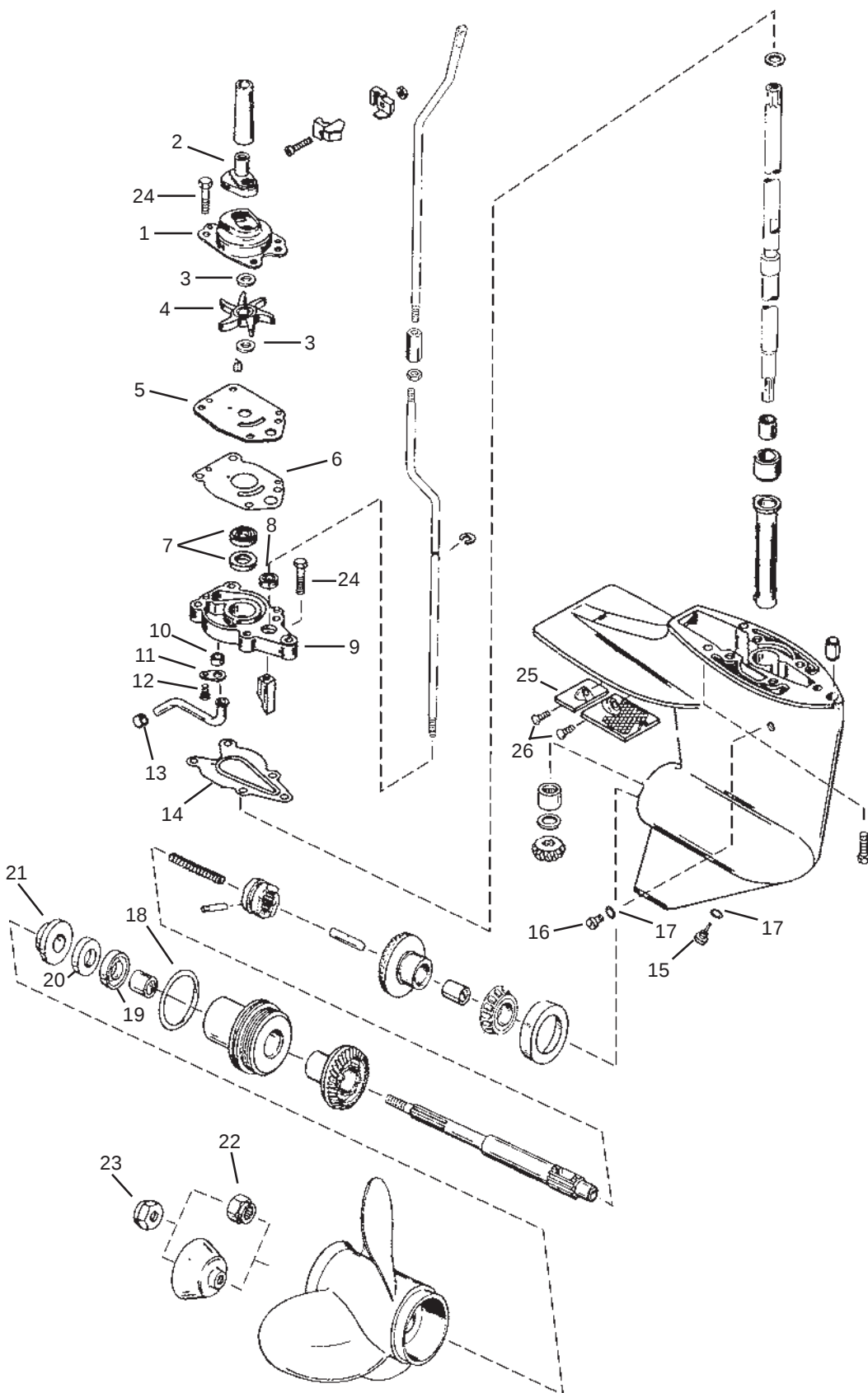
# Mercury / Mariner / Force

## GEARCASE COMPONENTS - 3.9, 4, 4.5, 6, 7.5, 9.8 HP

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# Mercury / Mariner / Force

## GEARCASE COMPONENTS - 6, 8, 9.9, 10, 15 HP



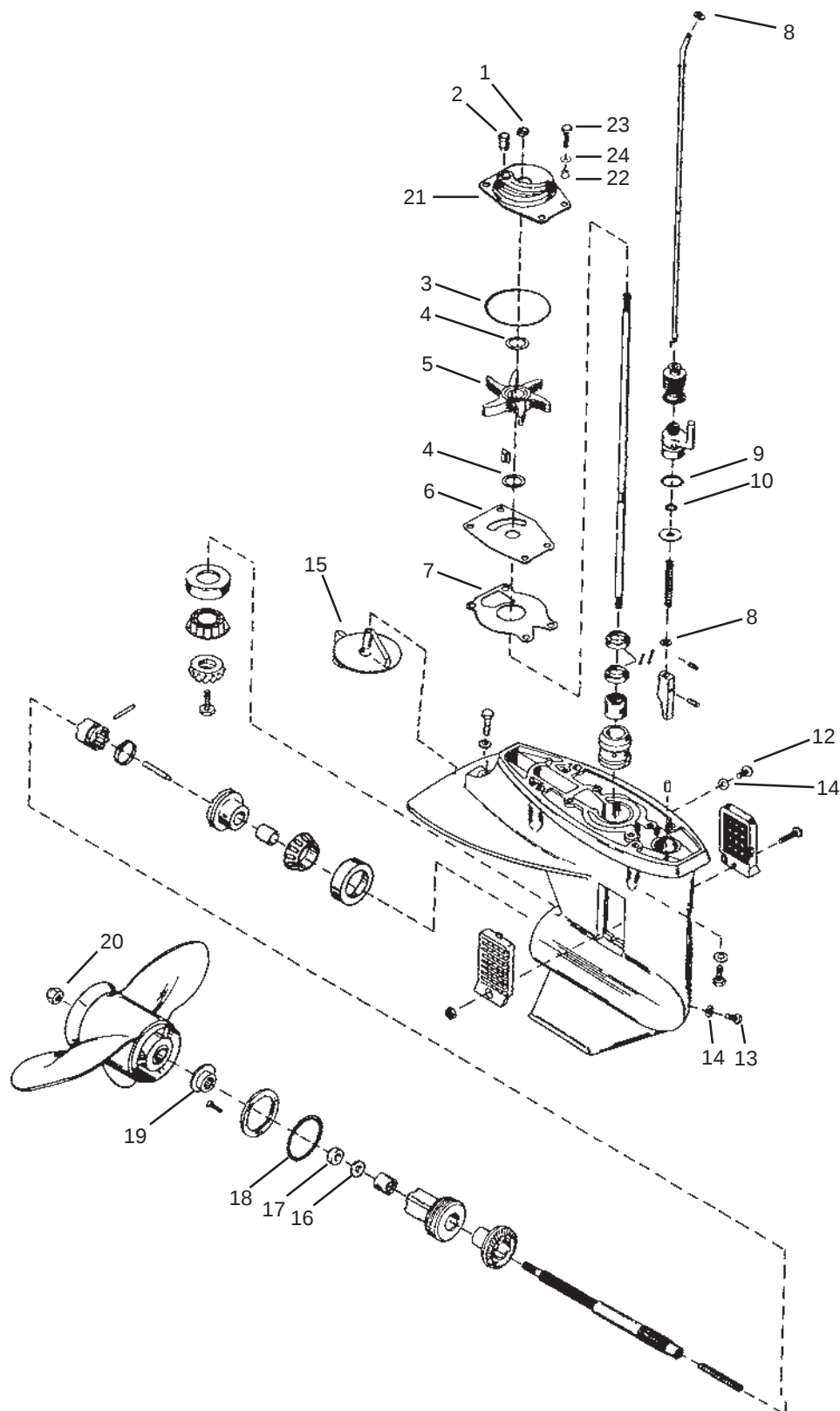
# Mercury / Mariner / Force

## GEARCASE COMPONENTS - 6, 8, 9.9, 10, 15 HP

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# Mercury / Mariner / Force

## GEARCASE COMPONENTS - 18XD, 20, 25 HP



# Mercury / Mariner / Force

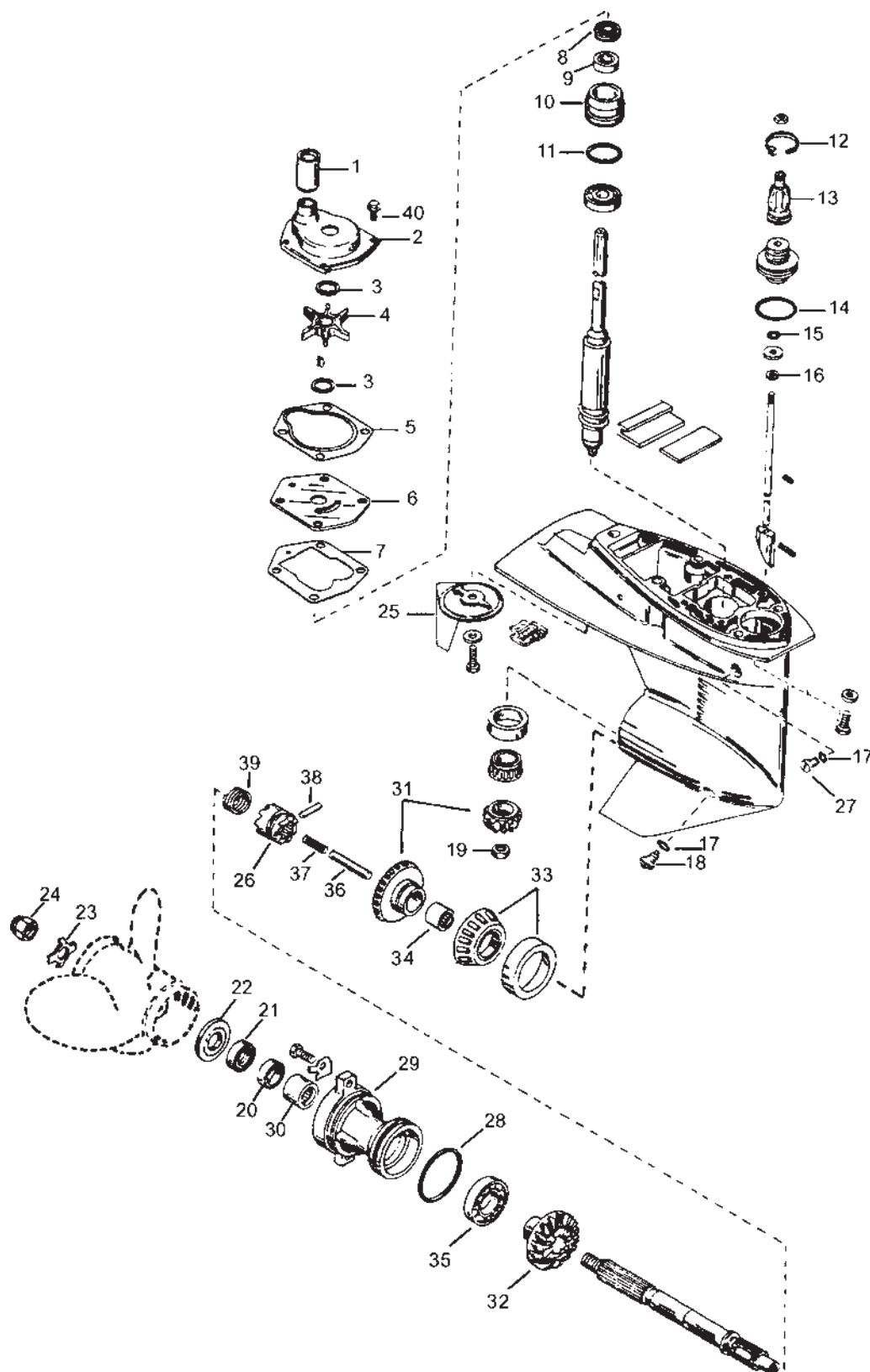
## GEARCASE COMPONENTS - 18XD, 20, 25 HP

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# Mercury / Mariner / Force

GEARCASE COMPONENTS - 25 HP (4S), 30 HP (2-CYL.), 40 HP, 50 HP (2 & 3-CYL.)

2 & 4-Stroke



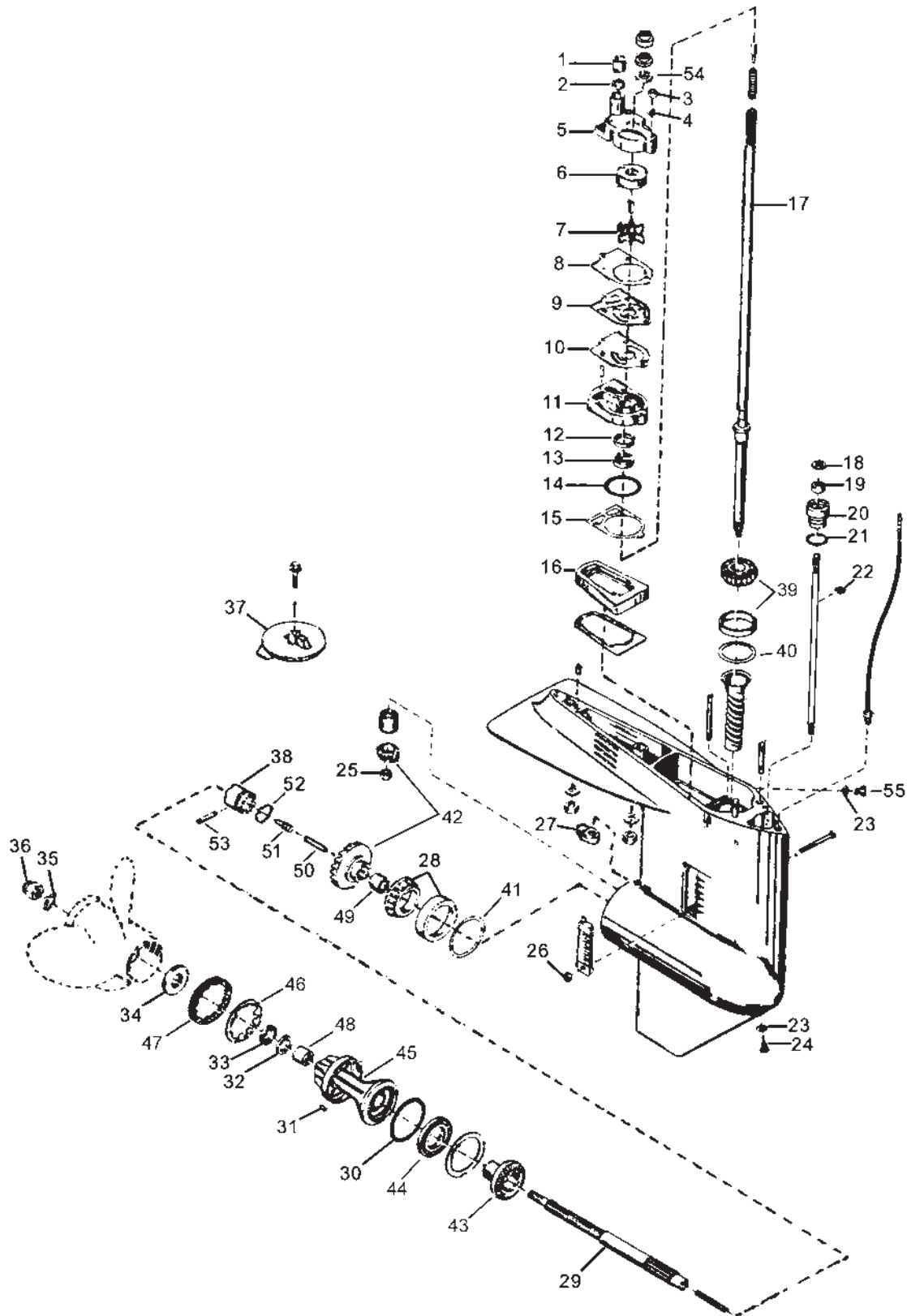
# Mercury / Mariner / Force

## GEARCASE COMPONENTS - 25 HP (4S), 30 HP (2-CYL.), 40 HP, 50 HP (2 & 3-CYL.)

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# Mercury / Mariner / Force

## GEARCASE COMPONENTS - 35-70 HP (2, 3 & 4-CYL.)



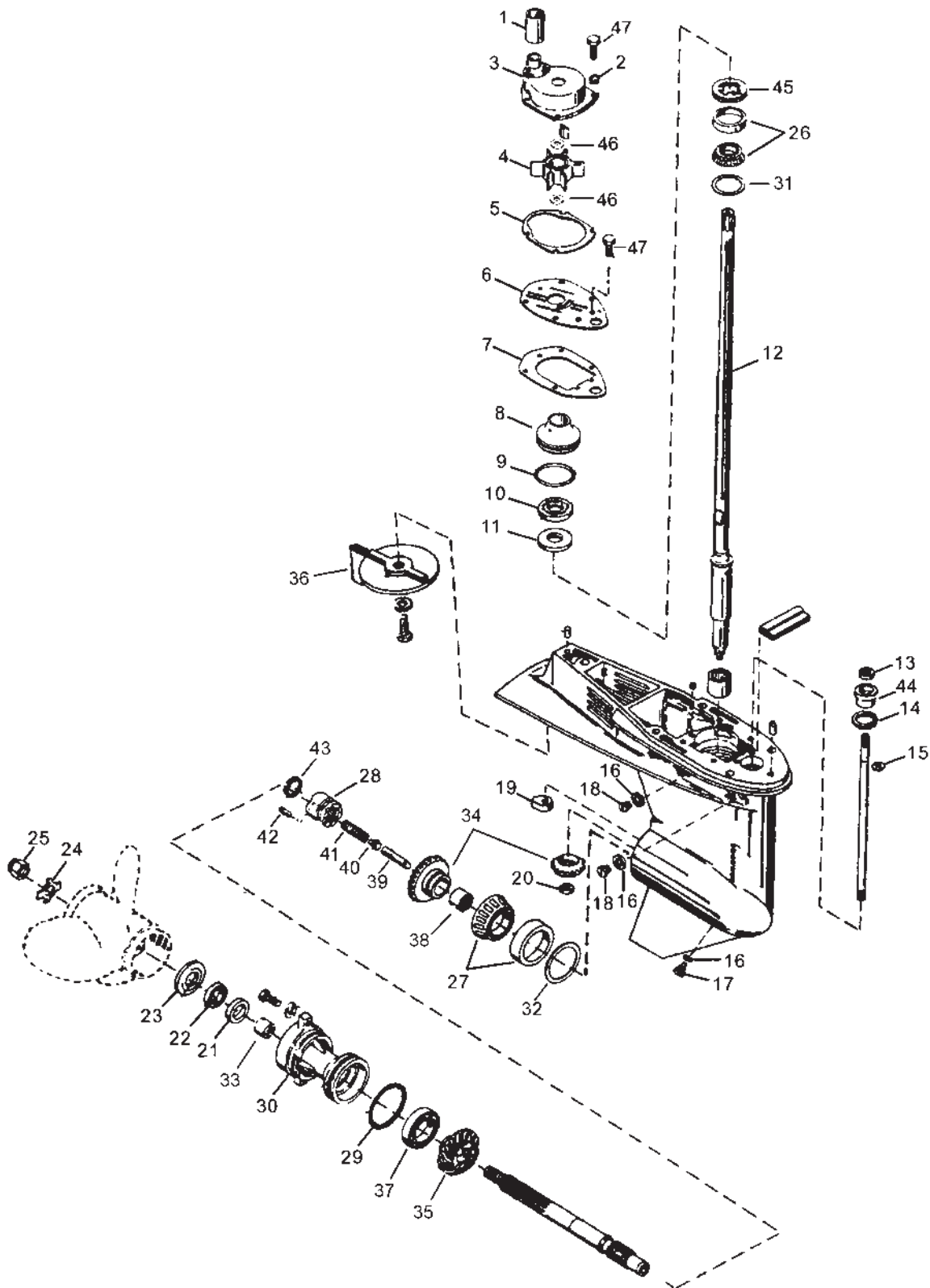
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| GEARCASE COMPONENTS - 35-70 HP (2, 3 & 4-CYL.) |         |             |                    |
|------------------------------------------------|---------|-------------|--------------------|
| GLM No.                                        | Ref No. | OEM No.     | Description        |
| 85360                                          | 1       | 26-38452    | Grommet            |
| 32710                                          | 2       | 12-38453    | Gasket             |
| 21180                                          | 3       | 11-13438    | Lock Nut           |
| 21490                                          | 4       | 12-29245    | Washer             |
| 12420                                          | 5       | 46-77822A1  | Water Pump Housing |
| 12860                                          | 6       | 48753       | Water Pump Cup     |
| 89830                                          | 7       | 47-89983T   | Impeller           |
| 31070                                          | 8       | 27-19551    | Gasket             |
| 12520                                          | 9       | 32768       | Wear Plate         |
| 31060                                          | 10      | 27-19553    | Gasket             |
| 12030                                          | 11      | 46-77177A1  | Water Pump Base    |
| 85080                                          | 12      | 26-90562    | Oil Seal           |
| 85580                                          | 13      | 26-79831    | Oil Seal           |
| 82240                                          | 14      | 25-26722    | O-ring             |
| 31190                                          | 15      | 27-19552    | Gasket             |
| 85630                                          | 16      | 37721       | Seal               |
| 11165                                          | 17      | 45-98180    | Drive Shaft (Long) |
| 30030                                          | 18      | 12-77674    | Gasket             |
| 85581                                          | 19      | 26-816464-1 | Oil Seal           |
| 21020                                          | 20      | 23-77631A2  | Bushing Assembly   |
| 81180                                          | 21      | 25-25439    | O-ring             |
| 21136                                          | 22      | 53-29641    | Retaining Ring     |
| 31170                                          | 23      | 12-19183-3  | Gasket             |
| 21731                                          | 24      | 22-67892A1  | Draining Screw     |
| 11192                                          | 25      | 11-55910    | Pinion Nut         |
| 21161                                          | 26      | 11-45812    | Lock Nut           |
| 11184                                          | 27      | 76039-4     | Shift Cam          |
| 21630                                          | 28      | 31-38356A1  | Bearing            |
| 11156                                          | 29      | 44-75365    | Prop Shaft         |
| 83345                                          | 30      | 25-31986    | O-ring             |
| 11080                                          | 31      | 28-30281    | Key                |
| 85120                                          | 32      | 26-69188    | Oil Seal           |
| 85520                                          | 33      | 26-69189    | Oil Seal           |
| 21290                                          | 34      | 73345A1     | Thrust Hub         |
| 21220                                          | 35      | 14-76281    | Tab Washer         |
| 21240                                          | 36      | 11-69578A1  | Prop Nut           |
| 12670                                          | 37      | 31640Q4     | Anode              |
| 11065                                          | 38      | 52-92911T   | Clutch Dog         |
| 21585                                          | 39      | 31-77420A1  | Bearing            |
| 23225                                          | 40      | 15-92881A1  | Shim Set           |
| 23226                                          | 41      | 15-38374A1  | Shim Set           |
| 11452                                          | 42      | 43-803497T1 | P/Forward Gear Set |
| 11462                                          | 43      | 43-79158T   | Reverse Gear       |
| 21628                                          | 44      | 30-20839T   | Bearing            |
| 11382                                          | 45      | 69386A1     | Bearing Carrier    |
| 11370                                          | 46      | 14-53012    | Keyed Washer       |
| 21112                                          | 47      | 11-87763    | Cover Nut          |
| 11428                                          | 48      | 31-21700    | Bearing            |
| 11427                                          | 49      | 31-21739    | Bearing            |
| 11187                                          | 50      | 38441       | Cam Follower       |
| 21091                                          | 51      | 20843       | Slide              |
| 11047                                          | 52      | 24-38114    | Spring             |
| 21107                                          | 53      | 17-38113    | Cross Pin          |
| 21320                                          | 54      | 25-20273    | Slinger            |
| 22420                                          | 55      | 10-79953Q2  | Screw Set          |

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50, 55, 60 HP (3-CYL.) (2-STROKE), 40, 50, 60 HP EFI (4-CYL.) (4-STROKE)

3.44 in. (87.38mm) Torpedo Diameter



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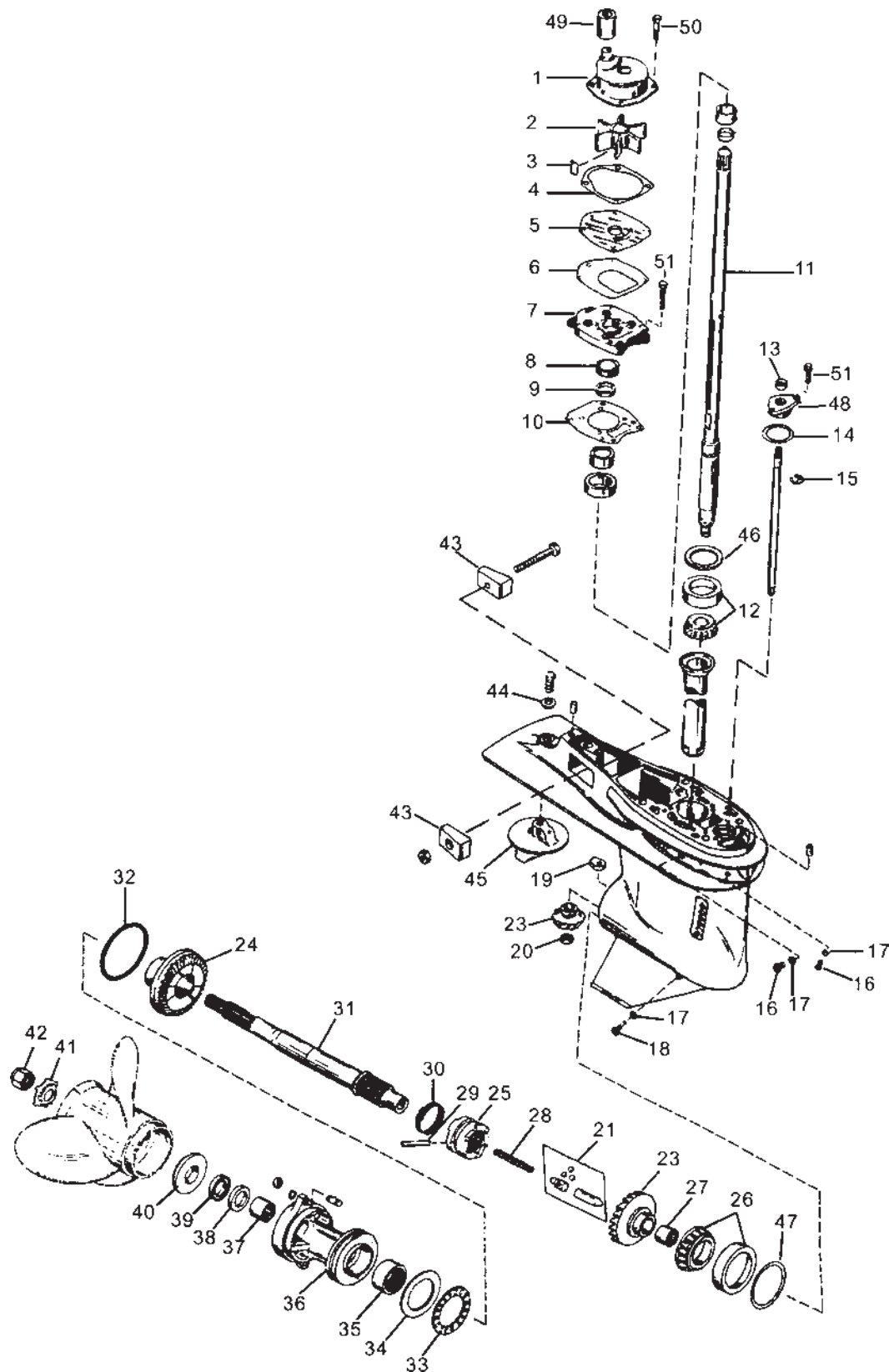
**50, 55, 60 HP (3-CYL.) (2-STROKE), 40, 50, 60 HP EFI (4-CYL.) (4-STROKE)**

| GLM No. | Ref No. | OEM No.     | Description                       |
|---------|---------|-------------|-----------------------------------|
| 85180   | 1       | 43023       | Tube Seal                         |
| 85182   | 1       | 859770-1    | Tube Seal (For 4-Stroke)          |
| 31590   | 2       | 23-43045    | Insulator                         |
| 12417   | 3       | 14334A3     | Pump Housing                      |
| 89616   | 4       | 47-19453T   | Impeller                          |
| 37490   | 5       | 27-822189   | Gasket                            |
| 12506   | 6       | 19700A2     | Wear Plate                        |
| 37470   | 7       | 27-19701    | Gasket                            |
| 12352   | 8       | 46-812966A7 | Pump Base                         |
| 82250   | 9       | 25-30224    | O-ring                            |
| 86870   | 10      | 26-814670   | Oil Seal                          |
| 86860   | 11      | 26-814669   | Oil Seal                          |
| 11167   | 12      | 45-812731   | Drive Shaft (Long)                |
| 85581   | 13      | 26-816464-1 | Oil Seal                          |
| 81780   | 14      | 25-45258    | O-ring                            |
| 21136   | 15      | 53-29641    | Retaining Ring                    |
| 31170   | 16      | 12-19183-3  | Gasket                            |
| 21731   | 17      | 22-67892A1  | Draining Screw                    |
| 22420   | 18      | 10-79953Q2  | Screw Kit                         |
| 11184   | 19      | 76039-4     | Shift Cam                         |
| 11192   | 20      | 11-55910    | Pinion Nut                        |
| 85120   | 21      | 26-69188    | Oil Seal                          |
| 85520   | 22      | 26-69189    | Oil Seal                          |
| 21290   | 23      | 73345A1     | Thrust Hub                        |
| 21220   | 24      | 14-76281    | Tab Washer                        |
| 21240   | 25      | 11-69758A1  | Prop Nut                          |
| 21585   | 26      | 31-77420A1  | Bearing                           |
| 21541   | 27      | 31-812767A1 | Bearing                           |
| 11063   | 28      | 52-850048T  | Clutch Dog                        |
| 82310   | 29      | 25-815460   | O-ring                            |
| 11394   | 30      | 19291A3     | Bearing Carrier                   |
| 23224   | 31      | 15-812770A1 | Shim Set                          |
| 23223   | 32      | 15-812769A1 | Shim Set                          |
| 11428   | 33      | 31-21700    | Bearing                           |
| 11562   | 34      | 43-803499T1 | P/Forward Gear Set (1.64:1 Ratio) |
| 11572   | 35      | 43-813695T  | Reverse Gear                      |
| 15001   | 36      | 17264T2     | Trim Tab                          |
| 21628   | 37      | 30-20839T   | Bearing                           |
| 11427   | 38      | 31-21739    | Bearing                           |
| 11188   | 39      | 812929-1    | Cam Follower                      |
| 21091   | 40      | 20843       | Slide                             |
| 11048   | 41      | 24-815418   | Spring                            |
| 21107   | 42      | 17-38113    | Cross Pin                         |
| 11050   | 43      | 24-30893    | Spring                            |
| 21022   | 44      | 23-813696A2 | Bushing Assembly                  |
| 23208   | 45      | 11-812820-1 | Retaining Nut                     |
| 31177   | 46      | 12-858234   | Washer-Plastic                    |
| 23236   | 47      | 10-824832-4 | Screw                             |
|         |         |             |                                   |
|         |         |             |                                   |
|         |         |             |                                   |
|         |         |             |                                   |
|         |         |             |                                   |

# Mercury / Mariner / Force

## GEARCASE COMPONENTS - 30-125 HP (3 & 4-CYL.)

2 & 4-Stroke with 4.25" (107.95mm) Torpedo Diameter Big Foot



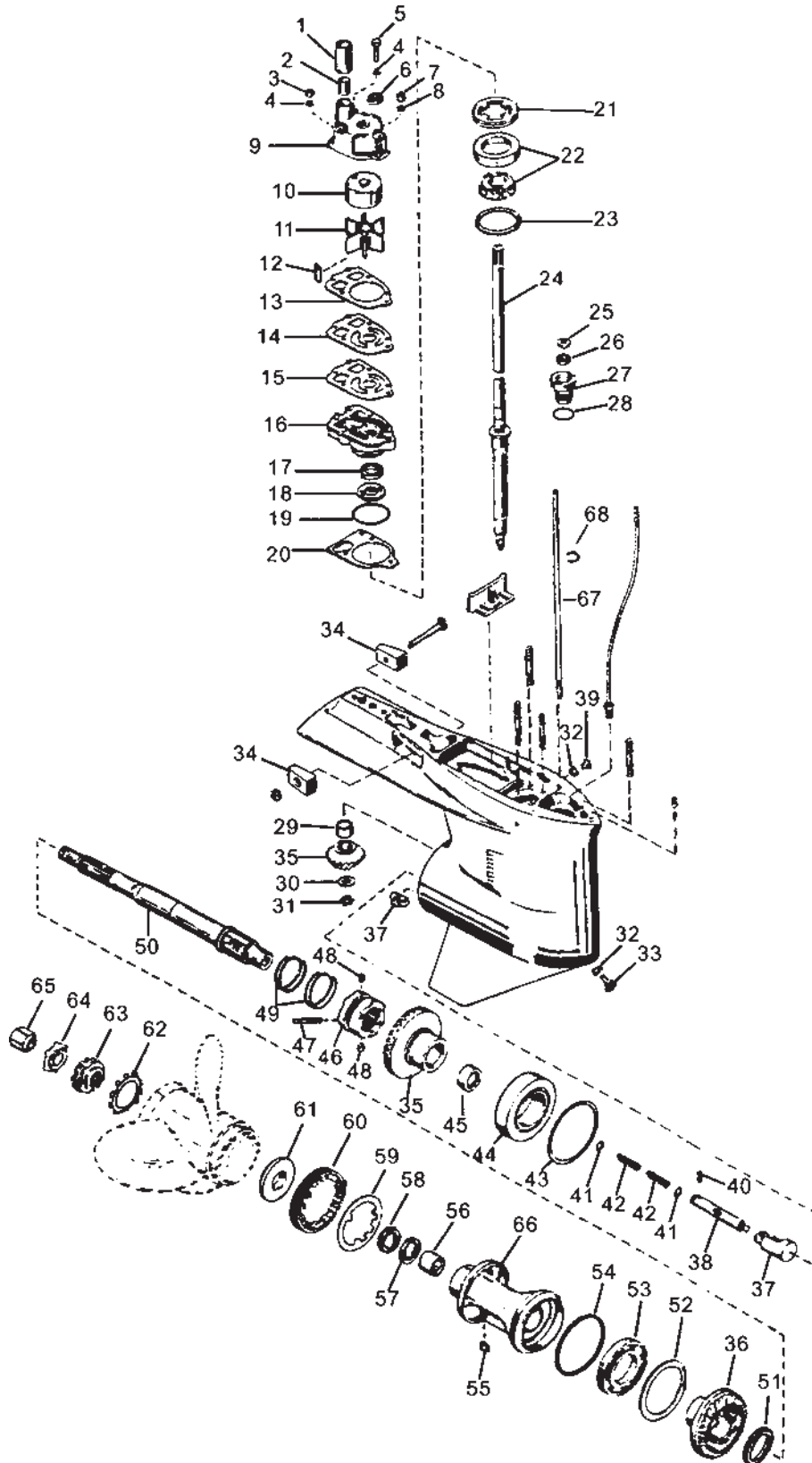
# Mercury / Mariner / Force

## GEARCASE COMPONENTS - 30-125 HP (3 & 4-CYL.)

| GLM No. | Ref No. | OEM No.      | Description                             |
|---------|---------|--------------|-----------------------------------------|
| 12416   | 1       | 817275A2     | Water Pump Assembly                     |
| 89630   | 2       | 47-43026T2   | Impeller                                |
| 11071   | 3       | 28-43037     | Key                                     |
| 31240   | 4       | 27-817277-1  | Gasket                                  |
| 12500   | 5       | 817276-1     | Wear Plate                              |
| 30090   | 6       | 27-43033-1   | Gasket                                  |
| 12342   | 7       | 43055A4      | Pump Base Assembly                      |
| 85170   | 8       | 26-43036     | Oil Seal                                |
| 85160   | 9       | 26-43035     | Oil Seal                                |
| 30320   | 10      | 27-43047-2   | Gasket                                  |
| 11160   | 11      | 45-43031A1   | Drive Shaft (Long)                      |
| 11164   | 11      | 45-826736A1  | Drive Shaft (Long)                      |
| 22960   | 12      | 31-42677A1   | Bearing                                 |
| 85581   | 13      | 26-816464-1  | Oil Seal                                |
| 81275   | 14      | 25-45710     | O-ring                                  |
| 21136   | 15      | 53-29641     | Retaining Ring                          |
| 22420   | 16      | 10-79953Q2   | Screw Kit                               |
| 31170   | 17      | 12-19183-3   | Gasket                                  |
| 21731   | 18      | 22-67892A1   | Draining Screw                          |
| 11184   | 19      | 76039-4      | Shift Cam (3 Jaw)                       |
| 11185   | 19      | 850307       | Shift Cam (6 Jaw)                       |
| 11190   | 20      | 11-35921     | Pinion Nut                              |
| 11182   | 21      | 850315A1     | Cam Follower Kit                        |
| 22492   | 22      | 30-44530     | Ball                                    |
| 11560   | 23      | 43-803500T1  | P/Forward Gear Set (2.31:1 Ratio 3 Jaw) |
| 11565   | 23      | 43-803501T1  | P/Forward Gear Set (2.31:1 Ratio 6 Jaw) |
| 11570   | 24      | 43-12635T    | Reverse Gear (3 Jaw)                    |
| 11575   | 24      | 43-850034T   | Reverse Gear (6 Jaw)                    |
| 11061   | 25      | 52-822539T   | Clutch Dog (3 Jaw)                      |
| 11063   | 25      | 52-850048T   | Clutch Dog (6 Jaw)                      |
| 21820   | 26      | 31-30894A1   | Bearing                                 |
| 11420   | 27      | 31-30895     | Bearing                                 |
| 11034   | 28      | 24-30622     | Spring (3 Jaw)                          |
| 11036   | 28      | 24-850327    | Spring (6 Jaw)                          |
| 21131   | 29      | 17-30632     | Cross Pin                               |
| 11050   | 30      | 24-30893     | Spring                                  |
| 11153   | 31      | 44-12238T    | Prop Shaft (3 Jaw)                      |
| 11155   | 31      | 44-850308    | Prop Shaft (6 Jaw)                      |
| 82390   | 32      | 25-97386     | O-ring                                  |
| 22750   | 33      | 31-12576     | Thrust Bearing                          |
| 21653   | 34      | 12-12577     | Thrust Washer                           |
| 22760   | 35      | 31-12578T    | Bearing                                 |
| 11412   | 36      | 12596T2      | Bearing Carrier                         |
| 11410   | 37      | 31-30956     | Bearing                                 |
| 85130   | 38      | 26-76868     | Oil Seal                                |
| 85530   | 39      | 26-70081     | Oil Seal                                |
| 21350   | 40      | 13191A1      | Thrust Hub                              |
| 21200   | 41      | 14-816629Q   | Tab Washer                              |
| 21230   | 42      | 11-827614    | Prop Nut                                |
| 12675   | 43      | 826134Q      | Anode                                   |
| 28420   | 44      | 12-45176     | Washer                                  |
| 12670   | 45      | 31640Q4      | Trim Tab                                |
| 23222   | 46      | 15-44492A1   | Shim Set                                |
| 23221   | 47      | 15-44491A1   | Shim Set                                |
| 21024   | 48      | 23-43052A4   | Bushing Assembly                        |
| 85180   | 49      | 43023        | Water Tube Seal (White)                 |
| 85190   | 49      | 43023-2      | Water Tube Seal (Black)                 |
| 23234   | 50      | 10-826844-30 | Screw                                   |
| 23235   | 51      | 10-826844-25 | Screw                                   |

# Mercury / Mariner / Force

## GEARCASE COMPONENTS - L4, L6 & V6 (65-225 HP)



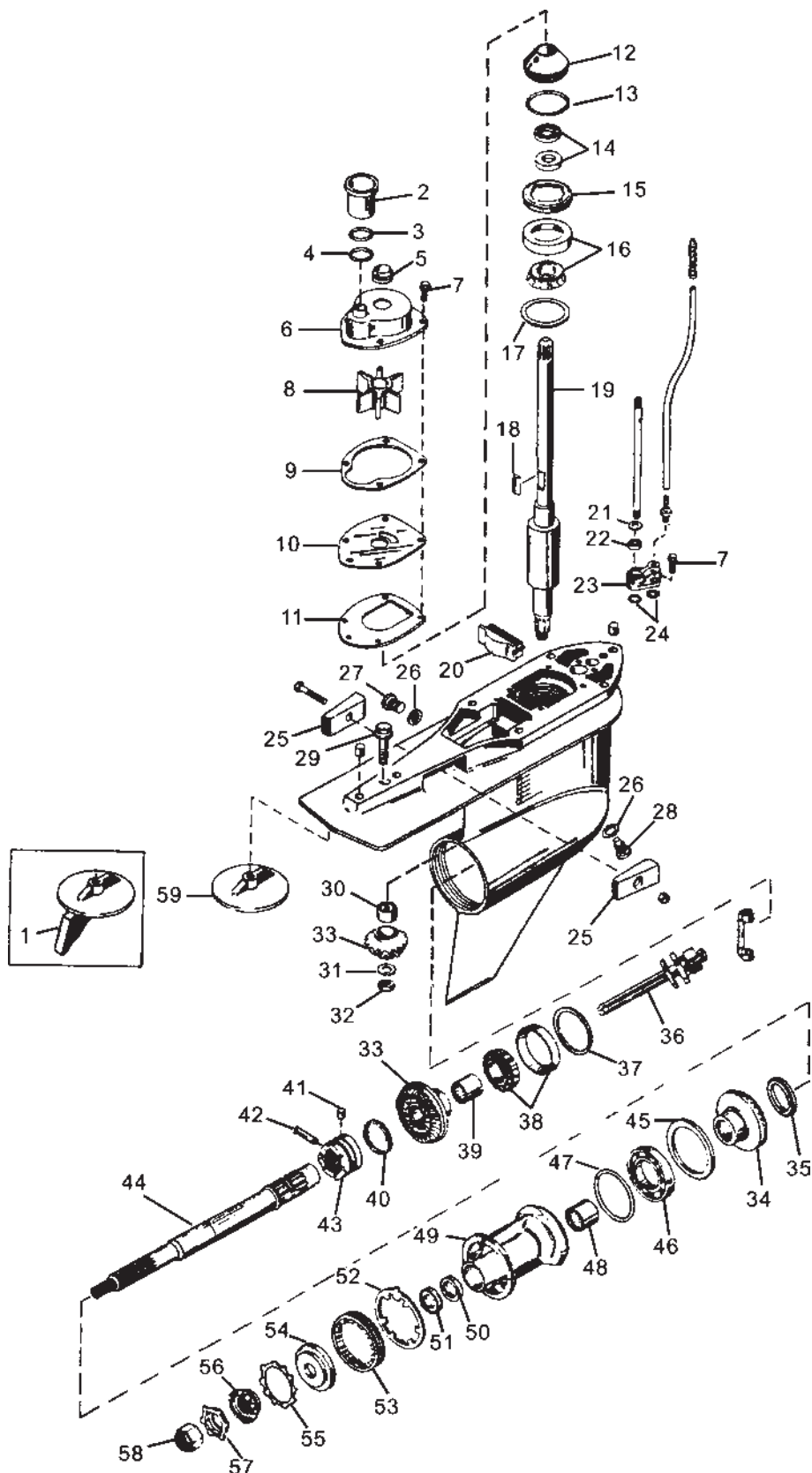
# Mercury / Mariner / Force

## GEARCASE COMPONENTS - L4, L6 & V6 (65-225 HP)

| GLM No. | Ref No. | OEM No.     | Description                     | GLM No. | Ref No. | OEM No.     | Description        |
|---------|---------|-------------|---------------------------------|---------|---------|-------------|--------------------|
| 12820   | 1       | 23-29804    | Tube Guide                      | 22420   | 39      | 10-79953Q2  | Screw Set          |
| 12830   | 2       | 26-38970    | Seal                            | 21101   | 40      | 17-78906    | Pin                |
| 21180   | 3       | 11-13438    | Nut                             | 21665   | 41      | 12-78910    | Washer             |
| 21490   | 4       | 12-29245    | Washer                          | 11033   | 42      | 24-79910    | Spring             |
| 12833   | 5       | 10-96411    | Screw                           | 23220   | 43      | 15-47397A1  | Shim Set           |
| 21330   | 6       | 25-30271    | Slinger                         | 21820   | 44      | 31-30894A1  | Bearing            |
| 21190   | 7       | 11-13436    | Nut                             | 21830   | 44      | 31-78172A1  | Bearing            |
| 21720   | 8       | 12-36001    | Washer                          | 11430   | 45      | 31-54928-1  | Bearing            |
| 12410   | 9       | 46-96148T1  | Pump Housing                    | 11420   | 45      | 31-30895T   | Bearing            |
| 12810   | 10      | 48752T      | Pump Cup                        | 11060   | 46      | 52-853594T  | Clutch Dog         |
| 89840   | 11      | 47-89984T4  | Impeller                        | 11061   | 46      | 52-822539T  | Clutch Dog         |
| 11070   | 12      | 28-56654    | Key                             | 11062   | 46      | 52-823174T  | Clutch Dog         |
| 31020   | 13      | 27-858524   | Gasket                          | 11064   | 46      | 52-859340T  | Clutch Dog         |
| 12510   | 14      | 32435       | Wear Plate                      | 21131   | 47      | 17-30632    | Cross Pin          |
| 31010   | 15      | 27-85608-1  | Gasket                          | 21102   | 47      | 17-78905    | Cross Pin          |
| 12360   | 16      | 46-42579A3  | Pump Base                       | 21103   | 48      | 17-78909    | Detent Pin         |
| 85040   | 17      | 26-16977    | Oil Seal                        | 21104   | 48      | 17-828356   | Detent Pin         |
| 85070   | 18      | 26-89238    | Oil Seal                        | 11050   | 49      | 24-30893    | Spring             |
| 81390   | 19      | 25-90011    | O-ring                          | 11059   | 49      | 24-78962    | Spring             |
| 31050   | 20      | 27-42631-1  | Gasket                          | 11151   | 50      | 44-94148    | Prop Shaft         |
| 23200   | 21      | 824519-1    | Retainer                        | 11152   | 50      | 44-93003    | Prop Shaft         |
| 21580   | 22      | 31-36387A1  | Bearing                         | 11012   | 51      | 23-824108   | Thrust Spacer      |
| 23210   | 23      | 15-42637A1  | Shim Set                        | 23140   | 52      | 68100-1     | Thrust Ring        |
| 11161   | 24      | 45-44000-1  | Drive Shaft                     | 21620   | 53      | 30-88957T   | Bearing            |
| 11162   | 24      | 45-42646    | Drive Shaft                     | 83445   | 54      | 25-896524   | O-ring             |
| 11163   | 24      | 45-98682A1  | Drive Shaft (with Pre-load Pin) | 11080   | 55      | 28-30281    | Key                |
| 30030   | 25      | 12-77674    | Gasket                          | 11410   | 56      | 31-30956    | Bearing            |
| 85581   | 26      | 26-816464-1 | Oil Seal                        | 85130   | 57      | 26-76868    | Oil Seal           |
| 21020   | 27      | 23-77631A2  | Bushing                         | 85700   | 58      | 26-12224    | Oil Seal           |
| 81180   | 28      | 25-25439    | O-ring                          | 11380   | 59      | 14-79447    | Keyed Washer       |
| 21610   | 29      | 31-42647A1  | Bearing                         | 21120   | 60      | 79448       | Cover Nut          |
| 22780   | 29      | 31-32898T   | Bearing                         | 21301   | 61      | 12-835467-1 | Thrust Hub         |
| 32800   | 30      | 12-92721    | Washer                          | 21760   | 62      | 13-42351-1  | Lockwasher         |
| 11190   | 31      | 11-35921    | Nut                             | 21360   | 63      | 12-31211A3  | Receiver           |
| 31170   | 32      | 12-19183-3  | Gasket                          | 21200   | 64      | 14-816629Q  | Tab Washer         |
| 21731   | 33      | 22-67892A1  | Draining Screw                  | 21230   | 65      | 11-827614   | Lock Nut           |
| 12675   | 34      | 826134Q     | Anode                           | 11396   | 66      | 43567T1     | Bearing Carrier    |
| 11340   | 35      | 43-68548T3  | Pinion Gear (Straight)          | 21150   | 67      | 76062A1     | Shift Shaft (Long) |
| 11350   | 35      | 43-68447T1  | Forward Gear (Straight)         | 21136   | 68      | 53-29641    | Retaining Ring     |
| 11670   | 35      | 43-44102A7  | P/Forward Gear (2.00:1)         |         |         |             |                    |
| 11780   | 35      | 43-803619T1 | P/Forward Gear (2.00:1)         |         |         |             |                    |
| 11450   | 35      | 43-44104A8  | P/Forward Gear (1.87:1)         |         |         |             |                    |
| 11675   | 35      | 43-803615T2 | P/Forward Gear (1.87:1)         |         |         |             |                    |
| 11710   | 35      | 43-859321A3 | P/Forward Gear (1.75:1)         |         |         |             |                    |
| 11360   | 36      | 43-76250T   | Reverse Gear (Straight)         |         |         |             |                    |
| 11680   | 36      | 43-824987A2 | Reverse Gear                    |         |         |             |                    |
| 11790   | 36      | 43-85462T   | Reverse Gear                    |         |         |             |                    |
| 11460   | 36      | 43-824986A2 | Reverse Gear                    |         |         |             |                    |
| 11685   | 36      | 43-828175A1 | Reverse Gear                    |         |         |             |                    |
| 11720   | 36      | 43-859322A1 | Reverse Gear                    |         |         |             |                    |
| 11180   | 37      | 89594A1     | Cam Follower Kit                |         |         |             |                    |
| 26420   | 38      | 79911A1     | Rod Kit                         |         |         |             |                    |
| 26430   | 38      | 828827      | Rod                             |         |         |             |                    |

# Mercury / Mariner / Force

## GEARCASE COMPONENTS - 3.0L (200 DFI, 225 CARB, 225 & 250 EFI)



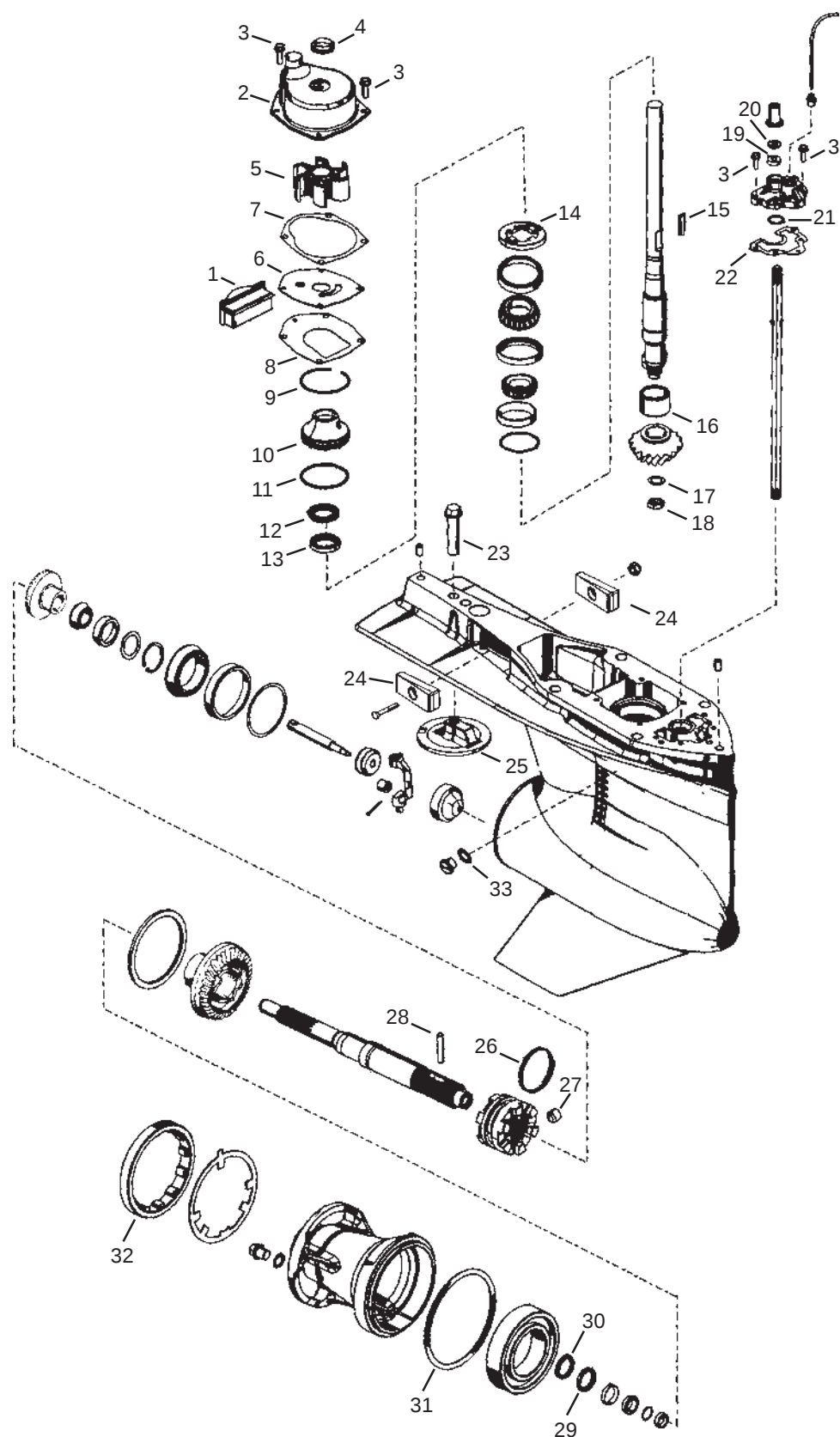
# Mercury / Mariner / Force

## GEARCASE COMPONENTS - 3.0L (200 DFI, 225 CARB, 225 & 250 EFI)

| GLM No. | Ref No. | OEM No.     | Description                     | GLM No. | Ref No. | OEM No.    | Description         |
|---------|---------|-------------|---------------------------------|---------|---------|------------|---------------------|
| 12670   | 1       | 31640Q4     | Anode                           | 83445   | 47      | 25-896524  | O-ring              |
| 12838   | 2       | 832942A1    | Coupling Assembly               | 11410   | 48      | 30-30956   | Bearing             |
| 82150   | 3       | 25-35027    | O-ring                          | 11405   | 49      | 818763A11  | Bearing Carrier     |
| 82110   | 4       | 25-21836    | O-ring                          | 85130   | 50      | 26-14077   | Oil Seal            |
| 85590   | 5       | 26-816575A2 | Face Seal                       | 85700   | 51      | 26-12224   | Oil Seal            |
| 12415   | 6       | 817275A1    | Water Pump Assembly             | 11381   | 52      | 14-18323   | Keyed Washer        |
| 12834   | 7       | 10-19937-16 | Screw                           | 21120   | 53      | 79448      | Cover Nut           |
| 89630   | 8       | 47-43026T2  | Impeller                        | 21301   | 54      | 12-835467  | Thrust Washer       |
| 31240   | 9       | 27-817277-1 | Gasket                          | 21760   | 55      | 13-42351-1 | Lockwasher          |
| 12500   | 10      | 817276-1    | Wear Plate                      | 21360   | 56      | 12-31211A3 | Tab Washer Receiver |
| 30090   | 11      | 27-43033-1  | Gasket                          | 21200   | 57      | 14-816629Q | Tab Washer          |
| 12341   | 12      | 807929A1    | Pump Base                       | 21250   | 58      | 11-827614  | Lock Nut            |
| 81390   | 13      | 25-90011    | O-ring                          | 12710   | 59      | 76214Q5    | Anode               |
| 85011   | 14      | 26-66302    | Oil Seal                        |         |         |            |                     |
| 23200   | 15      | 824519-1    | Retainer                        |         |         |            |                     |
| 21580   | 16      | 31-36387A1  | Bearing                         |         |         |            |                     |
| 23210   | 17      | 15-42637A1  | Shim Set                        |         |         |            |                     |
| 11071   | 18      | 28-43037    | Key                             |         |         |            |                     |
| 11140   | 19      | 45-816472   | Drive Shaft                     |         |         |            |                     |
| 88180   | 20      | 821526      | Filler Block                    |         |         |            |                     |
| 30030   | 21      | 12-77674    | Gasket                          |         |         |            |                     |
| 85581   | 22      | 26-816464-1 | Oil Seal                        |         |         |            |                     |
| 21018   | 23      | 23-815921A4 | Shift Bushing                   |         |         |            |                     |
| 81175   | 24      | 25-36318    | O-ring                          |         |         |            |                     |
| 12675   | 25      | 826134Q     | Anode                           |         |         |            |                     |
| 31170   | 26      | 12-19183-3  | Gasket                          |         |         |            |                     |
| 22420   | 27      | 10-79953Q2  | Screw Set                       |         |         |            |                     |
| 21731   | 28      | 22-67892A1  | Draining Screw                  |         |         |            |                     |
| 21741   | 29      | 10-806327   | Screw                           |         |         |            |                     |
| 21610   | 30      | 31-42647A1  | Bearing                         |         |         |            |                     |
| 32800   | 31      | 12-92721    | Washer                          |         |         |            |                     |
| 11190   | 32      | 11-35921    | Nut                             |         |         |            |                     |
| 11710   | 33      | 43-859321A3 | P/Forward Gear (1.75)           |         |         |            |                     |
| 11091   | 33      | 43-828072A2 | P/Forward Gear (1.62)           |         |         |            |                     |
| 11720   | 34      | 43-859322A1 | Reverse Gear                    |         |         |            |                     |
| 11013   | 34      | 43-828073A1 | Reverse Gear                    |         |         |            |                     |
| 11012   | 35      | 23-824108   | Thrust Spacer                   |         |         |            |                     |
| 11030   | 36      | 818349T1    | Shift Spool                     |         |         |            |                     |
| 23220   | 37      | 15-47397A1  | Shim Set (3.500 O.D.)           |         |         |            |                     |
| 23221   | 37      | 15-44491A1  | Shim Set (3.265 O.D.)           |         |         |            |                     |
| 21590   | 38      | 31-35928A1  | Bearing (1.875 I.D./3.500 O.D.) |         |         |            |                     |
| 21593   | 38      | 31-828439A2 | Bearing (1.875 I.D./3.265 O.D.) |         |         |            |                     |
| 21820   | 38      | 31-30894A1  | Bearing (1.750 I.D./3.265 O.D.) |         |         |            |                     |
| 11420   | 39      | 31-30895T   | Bearing                         |         |         |            |                     |
| 11050   | 40      | 24-30893    | Spring                          |         |         |            |                     |
| 21104   | 41      | 17-828356   | Detent Pin                      |         |         |            |                     |
| 21131   | 42      | 17-30632    | Cross Pin                       |         |         |            |                     |
| 11060   | 43      | 52-853594T  | Clutch Dog                      |         |         |            |                     |
| 11064   | 43      | 52-859340T  | Clutch Dog                      |         |         |            |                     |
| 11150   | 44      | 44-824110   | Prop Shaft                      |         |         |            |                     |
| 23140   | 45      | 68100-1     | Thrust Ring                     |         |         |            |                     |
| 21620   | 46      | 30-88957T   | Bearing                         |         |         |            |                     |

# Mercury / Mariner / Force

## GEARCASE COMPONENTS - 4-STROKE VERADO INLINE 6



# Mercury / Mariner / Force

## GEARCASE COMPONENTS - 4-STROKE VERADO INLINE 6

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## Section 2

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### Mercury / Mariner / Force Gearcase Seal and Bearing Kits

|                                                                |              |
|----------------------------------------------------------------|--------------|
| <i>Gearcase Seal Kits - Mercury &amp; Mariner .....</i>        | <i>24</i>    |
| <i>Seal &amp; Bearing Kits - Without Forward Bearing .....</i> | <i>25</i>    |
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| <i>Gearcase Seal Kits - Force .....</i>                        | <i>29</i>    |
| <i>Gearcase Seal Kits - Force Applications .....</i>           | <i>29</i>    |

# Mercury / Mariner / Force

## GEARCASE SEAL KITS

### Mercury & Mariner

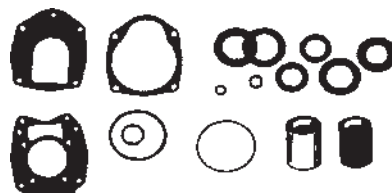
#### No. 87576

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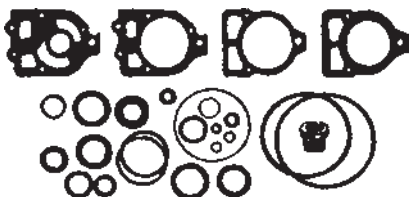
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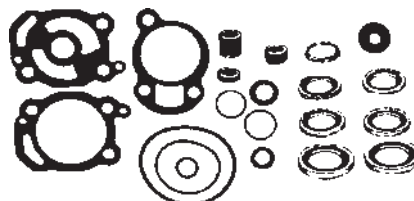
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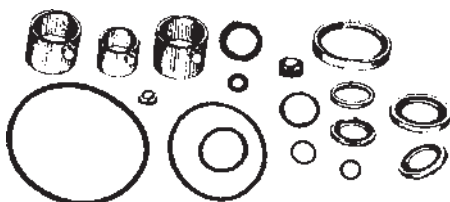
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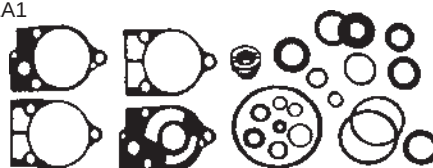
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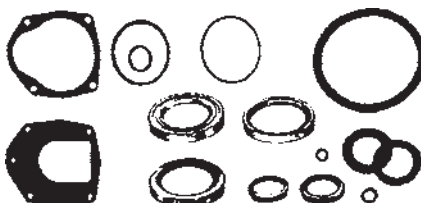
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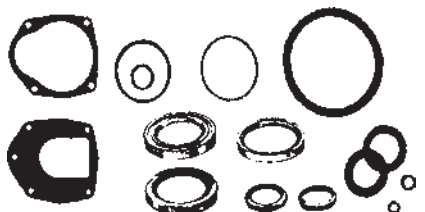
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#### No. 87513

OEM: 26-816575A5



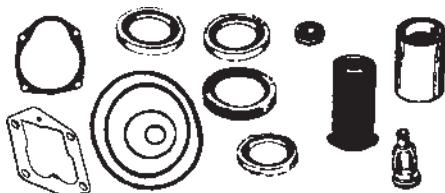
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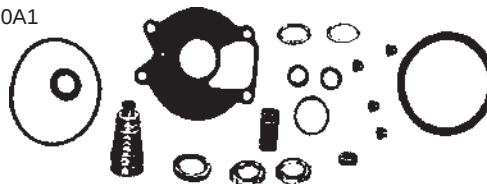
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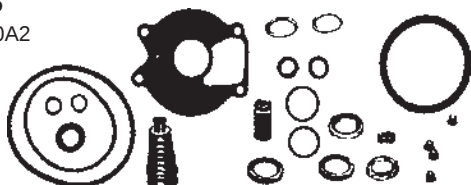
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OEM: 26-85090A1



#### No. 87808

OEM: 26-85090A2



#### No. 87540

OEM: 26-89238A2

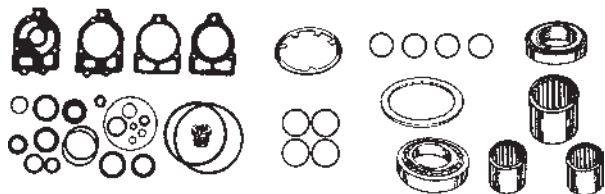


# Mercury / Mariner / Force

## SEAL AND BEARING KITS - WITHOUT FORWARD BEARING

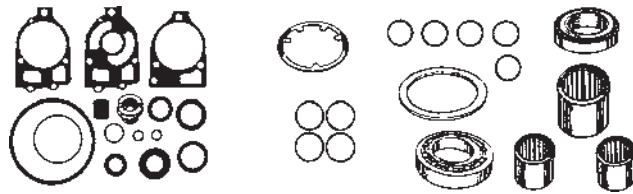
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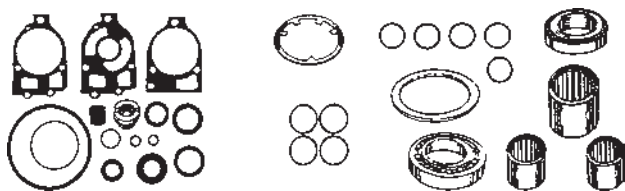
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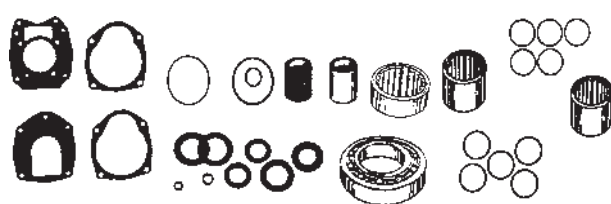
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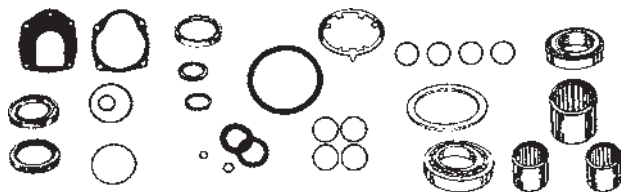
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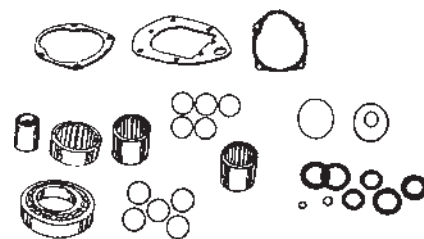
### No. 11840

OEM: 31-803806T1



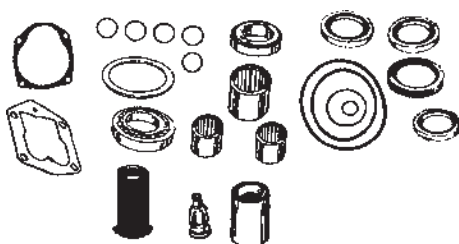
### No. 11850

OEM: 31-803495T1



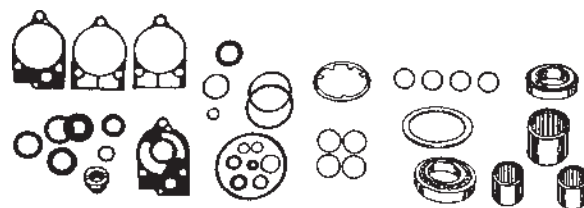
### No. 11860

OEM: 31-803494T1



### No. 11870

OEM: 31-803493T1



# Mercury / Mariner / Force

## GEARCASE SEAL AND BEARING KITS APPLICATIONS

| Model                                | Year     | Country | Serial No. Range | Lower Unit Seal Kit | Seal & Bearing Kit (w/o forward brg.) |
|--------------------------------------|----------|---------|------------------|---------------------|---------------------------------------|
| 4 (1-Cyl.)                           | 1982-86  | USA     | 5595532-0A809600 | 87574               | -                                     |
| 4 (1-Cyl.)                           | 1982-86  | AUS     | 8068065 and Up   | 87574               | -                                     |
| 4 (1-Cyl.)                           | 1982-86  | BEL     | 9258281-9477829  | 87574               | -                                     |
| 4 (1-Cyl.)                           | 1982-86  | CAN     | 7143688 and Up   | 87574               | -                                     |
| 4.5 (1-Cyl.)                         | 1975-79  | USA     | 4107220 and Up   | 87574               | -                                     |
| 4.5 (1-Cyl.)                         | 1975-79  | AUS     | 8026540 and Up   | 87574               | -                                     |
| 4.5 (1-Cyl.)                         | 1975-79  | BEL     | 9072179 and Up   | 87574               | -                                     |
| 4.5 (1-Cyl.)                         | 1975-79  | CAN     | 7045758 and Up   | 87574               | -                                     |
| 6                                    | 1986-93  | USA     | 0A197112 and Up  | 87576               | -                                     |
| 6                                    | 1986-93  | BEL     | 9461526 and Up   | 87576               | -                                     |
| 7.5 (7.5, 75)                        | 1978     | USA     | 4851693 and Up   | 87574               | -                                     |
| 7.5 (7.5, 75)                        | 1978     | AUS     | 8051350 and Up   | 87574               | -                                     |
| 7.5 (7.5, 75)                        | 1978     | BEL     | 9181726 and Up   | 87574               | -                                     |
| 7.5 (7.5, 75)                        | 1978     | CAN     | 7111898 and Up   | 87574               | -                                     |
| 8                                    | 1986-93  | USA     | 0A197112 and Up  | 87576               | -                                     |
| 8                                    | 1986-93  | BEL     | 9461526 and Up   | 87576               | -                                     |
| 8 (Bodense 4-Stroke)                 | 1995-98  | USA     | 0H00058-0H017349 | 87576               | -                                     |
| 8 (Bodense 4-Stroke)                 | 1995-98  | USA     | 0G760300 and Up  | 87576               | -                                     |
| 9.8 (9.8, 110)                       | 1979-85  | USA     | 4839254 and Up   | 87574               | -                                     |
| 9.8 (9.8, 110)                       | 1979-85  | AUS     | 8050625 and Up   | 87574               | -                                     |
| 9.8 (9.8, 110)                       | 1979-85  | BEL     | 9165303 and Up   | 87574               | -                                     |
| 9.8 (9.8, 110)                       | 1979-85  | CAN     | 7111348 and Up   | 87574               | -                                     |
| 9.9                                  | 1986-93  | USA     | 0A197112 and Up  | 87576               | -                                     |
| 9.9                                  | 1986-93  | BEL     | 9461526 and Up   | 87576               | -                                     |
| 9.9 (4-Stroke)                       | 1999     | USA     | 0H00058-0H17349  | 87576               | -                                     |
| 9.9 (4-Stroke)                       | 1990-93  | USA     | 0G760300 and Up  | 87576               | -                                     |
| 10 (XR10, Sea Pro 10)                | 1990-93  | USA     | 0D038000 and Up  | 87576               | -                                     |
| 10 (XR10, Sea Pro 10)                | 1990-93  | BEL     | 9596000 and Up   | 87576               | -                                     |
| 10 Magnum / Marathon                 | 1990-93  | USA     | 0D038000 and Up  | 87576               | -                                     |
| 10 Magnum / Marathon                 | 1990-93  | BEL     | 9596000 and Up   | 87576               | -                                     |
| 15 (15, 15 Sea Pro / Marathon)       | 1988-93  | USA     | 0B292414 and Up  | 87576               | -                                     |
| 15 (15, 15 Sea Pro / Marathon)       | 1988-93  | BEL     | 9927000 and Up   | 87576               | -                                     |
| 15 XD Sea Pro / Marathon             | 1997-98  | BEL     | 9927000 and Up   | 87808               | -                                     |
| 15 (Super)                           | -        | USA     | 0B238464 and Up  | 87808               | -                                     |
| 15 (Super)                           | -        | BEL     | 9507381 and Up   | 87808               | -                                     |
| 15 (Super)                           | -        | CAN     | 0A730007 and Up  | 87808               | -                                     |
| 18                                   | 1980-83  | USA     | 5837437-6443972  | 87575               | -                                     |
| 18                                   | 1980-83  | AUS     | 8071973 and Up   | 87575               | -                                     |
| 18                                   | 1980-83  | BEL     | 9308306-9415100  | 87575               | -                                     |
| 18                                   | 1980-83  | CAN     | 7173723-7209532  | 87575               | -                                     |
| 18 (18XD)                            | 1984-85  | USA     | 6443973 and Up   | 87808               | -                                     |
| 18 (18XD)                            | 1984-85  | BEL     | 9378151 and Up   | 87808               | -                                     |
| 18 (18XD)                            | 1984-85  | CAN     | 7209533 and Up   | 87808               | -                                     |
| 20 (20, 200)                         | 1978-81  | USA     | 4709593-6443972  | 87573               | -                                     |
| 20 (20, 200)                         | 1978-81  | AUS     | 8045199 and Up   | 87573               | -                                     |
| 20 (20, 200)                         | 1978-81  | BEL     | 9157230-9415100  | 87573               | -                                     |
| 20 (20, 200)                         | 1978-81  | CAN     | 7098523-7209532  | 87573               | -                                     |
| 20 (20, 20XD)                        | 1986-87  | USA     | 6443973 and Up   | 87808               | -                                     |
| 20 (20, 20XD)                        | 1986-87  | BEL     | 9415101 and Up   | 87808               | -                                     |
| 20 (20, 20XD)                        | 1986-87  | CAN     | 7209533 and Up   | 87808               | -                                     |
| 25                                   | 1980-83  | USA     | 5705532-6443972  | 87575               | -                                     |
| 25                                   | 1980-83  | AUS     | 8073158 and Up   | 87575               | -                                     |
| 25                                   | 1980-83  | BEL     | 9315316-9415100  | 87575               | -                                     |
| 25                                   | 1980-83  | CAN     | 7166928-7209532  | 87575               | -                                     |
| 25 (25, 25XD)                        | 1983 1/2 | USA     | 6416713 and Up   | 87808               | -                                     |
| 25 (25, 25XD)                        | 1983 1/2 | BEL     | 9378116 and Up   | 87808               | -                                     |
| 25 (25, 25XD)                        | 1983 1/2 | CAN     | 7207858 and Up   | 87808               | -                                     |
| 25 Lightning (3-Cyl.)                | 1997     | USA     | 0E268781 and Up  | 87808               | -                                     |
| 25 (4-Stroke)                        | 1998     | USA     | 0G590000 and Up  | 87514               | -                                     |
| 30 (2-Cyl.) (644cc)                  | 1994-98  | USA     | 0G053314 and Up  | 87514               | -                                     |
| 35 (2-Cyl.)                          | 1984-86  | USA     | 6445653 and Up   | 87530               | -                                     |
| 35 (2-Cyl.)                          | 1984-86  | BEL     | 9384476 and Up   | 87530               | -                                     |
| 35 (2-Cyl.)                          | 1984-86  | CAN     | 7209608 and Up   | 87530               | -                                     |
| 40 (40, 402) (2-Cyl.)                | 1978-79  | USA     | 4860103-0G053313 | 87530               | -                                     |
| 40 (40, 402) (2-Cyl.)                | 1978-79  | AUS     | 8052125 and Up   | 87530               | -                                     |
| 40 (40, 402) (2-Cyl.)                | 1978-79  | BEL     | 9184451 and Up   | 87530               | -                                     |
| 40 (40, 402) (2-Cyl.)                | 1978-79  | CAN     | 7112423 and Up   | 87530               | -                                     |
| 40 (2-Cyl.) (644cc)                  | 1994-98  | USA     | 0G053314 and Up  | 87514               | -                                     |
| 40 (4-Stroke) (Non Bigfoot)          | 1998     | USA     | 0G231123 and Up  | 87514               | -                                     |
| 40 (4-Cyl.)                          | 1989-Up  | USA     | 0C159200 and Up  | 87530               | 11870                                 |
| 40 (4-Cyl.)                          | 1989-Up  | BEL     | 9570790 and Up   | 87530               | 11870                                 |
| 40 (3-Cyl.)                          | 1997-98  | USA     | 0G531301 and Up  | 87514               | 11860                                 |
| 40 (3-Cyl.)                          | 1997-98  | BEL     | 9973100 and Up   | 87514               | 11860                                 |
| 45 Bodensee (4-Stroke) (Non Bigfoot) | 1996-98  | USA     | 0G231123 and Up  | 87514               | -                                     |
| 45 (4-Cyl.)                          | 1986     | USA     | 5531630 and Up   | 87530               | 11870                                 |
| 45 (4-Cyl.)                          | 1986     | AUS     | 8063985 and Up   | 87530               | 11870                                 |
| 45 (4-Cyl.)                          | 1986     | BEL     | 9248006 and Up   | 87530               | 11870                                 |
| 45 (4-Cyl.)                          | 1986     | CAN     | 7143688 and Up   | 87530               | 11870                                 |

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## GEARCASE SEAL AND BEARING KITS APPLICATIONS

| Model                                 | Year    | Country | Serial No. Range  | Lower Unit Seal Kit | Seal & Bearing Kit (w/o forward brg.) |
|---------------------------------------|---------|---------|-------------------|---------------------|---------------------------------------|
| 50 (4-Cyl.)                           | 1980-85 | USA     | 5531630 and Up    | 87530               | 11870                                 |
| 50 (4-Cyl.)                           | 1980-85 | AUS     | 8063985 and Up    | 87530               | 11870                                 |
| 50 (4-Cyl.)                           | 1980-85 | BEL     | 9248006 and Up    | 87530               | 11870                                 |
| 50 (4-Cyl.)                           | 1980-85 | CAN     | 7143688 and Up    | 87530               | 11870                                 |
| 50 (3-Cyl.)                           | 1991-95 | USA     | 0D000750-0G589999 | 87809               | 11850                                 |
| 50 (3-Cyl.)                           | 1991-95 | BEL     | 9683055-9973099   | 87809               | 11850                                 |
| 50 (3-Cyl.)                           | 1998    | USA     | 0G590000 and Up   | 87514               | 11860                                 |
| 50 (3-Cyl.)                           | 1998    | BEL     | 9973100 and Up    | 87514               | 11860                                 |
| 50 (3-Cyl.)                           | 1986-87 | USA     | 6428681-0D000749  | 87530               | -                                     |
| 50 (3-Cyl.)                           | 1986-87 | BEL     | 9385911-9683054   | 87530               | -                                     |
| 50 (3-Cyl.)                           | 1986-87 | CAN     | 7208333 and Up    | 87530               | -                                     |
| 50 (4-Stroke) (Non Bigfoot)           | 1995-98 | USA     | 0G231123 and Up   | 87514               | -                                     |
| 50 (4-Stroke) (Bigfoot)               | 1995-98 | USA     | 0G231123 and Up   | 87590               | -                                     |
| 55 (3-Cyl.)                           | 1996    | USA     | 0D000750 and Up   | 87809               | 11850                                 |
| 55 (3-Cyl.)                           | 1996    | BEL     | 9741042 and Up    | 87809               | 11850                                 |
| 60 (3-Cyl.)                           | 1984-87 | USA     | 6428681-0D000749  | 87530               | -                                     |
| 60 (3-Cyl.)                           | 1984-87 | BEL     | 9385911-9683054   | 87530               | -                                     |
| 60 (3-Cyl.)                           | 1984-87 | CAN     | 7208333 and Up    | 87530               | -                                     |
| 60 (3-Cyl.) (Bigfoot)                 | 1991-95 | USA     | 0D000750 and Up   | 87590               | -                                     |
| 60 (3-Cyl.) (Bigfoot)                 | 1991-95 | BEL     | 9683055 and Up    | 87590               | -                                     |
| 60 (3-Cyl.) Standard, Non Bigfoot     | 1991-95 | USA     | 0D000750 and Up   | 87809               | 11850                                 |
| 60 (3-Cyl.) Standard, Non Bigfoot     | 1991-95 | BEL     | 9683055 and Up    | 87809               | 11850                                 |
| 60 (3-Cyl.) 3 Jaw Rev. Clutch Bigfoot | 1991-95 | USA     | 0D000750-0G589999 | 87590               | 11830                                 |
| 60 (3-Cyl.) 3 Jaw Rev. Clutch Bigfoot | 1991-95 | BEL     | 9683055-9973099   | 87590               | 11830                                 |
| 60 (3-Cyl.) 6 Jaw Rev. Clutch Bigfoot | 1991-95 | USA     | 0D000750-0G589999 | 87590               | 11830                                 |
| 60 (3-Cyl.) 6 Jaw Rev. Clutch Bigfoot | 1991-95 | BEL     | 9683055-9973099   | 87590               | 11830                                 |
| 60 (3-Cyl.) 6 Jaw Rev. Clutch Bigfoot | 1998    | USA     | 590000 and Up     | 87590               | 11830                                 |
| 60 (3-Cyl.) 6 Jaw Rev. Clutch Bigfoot | 1998    | BEL     | 9973100 and Up    | 87590               | 11830                                 |
| 70 (3-Cyl.)                           | 1977-79 | USA     | 4571652-0A996141  | 87530               | -                                     |
| 70 (3-Cyl.)                           | 1977-79 | AUS     | 8042350 and Up    | 87530               | -                                     |
| 70 (3-Cyl.)                           | 1977-79 | BEL     | 9135825-9385910   | 87530               | -                                     |
| 70 (3-Cyl.)                           | 1977-79 | CAN     | 7087823-7208332   | 87530               | -                                     |
| 70 (3-Cyl.) 3 Jaw Rev. Clutch         | 1987    | USA     | 0A996142-0C221999 | 87590               | 11830                                 |
| 70 (3-Cyl.) 3 Jaw Rev. Clutch         | 1987    | BEL     | 9483121-9589038   | 87590               | 11830                                 |
| 70 (3-Cyl.) 6 Jaw Rev. Clutch         | 1987    | USA     | 0A996142-0C221999 | 87590               | 11830                                 |
| 70 (3-Cyl.) 6 Jaw Rev. Clutch         | 1987    | BEL     | 9483121-9589038   | 87590               | 11830                                 |
| 75 (3-Cyl.) 3 Jaw Rev. Clutch         | 1990-93 | USA     | 0A996142 and Up   | 87590               | 11830                                 |
| 75 (3-Cyl.) 3 Jaw Rev. Clutch         | 1990-93 | BEL     | 9483121 and Up    | 87590               | 11830                                 |
| 75 (3-Cyl.) 6 Jaw Rev. Clutch         | 1994-98 | USA     | 0A996142 and Up   | 87590               | 11830                                 |
| 75 (3-Cyl.) 6 Jaw Rev. Clutch         | 1994-98 | BEL     | 9483121 and Up    | 87590               | 11830                                 |
| 75 (4-Cyl.)                           | 1984-88 | USA     | 6432901 and Up    | 87520               | -                                     |
| 75 (4-Cyl.)                           | 1984-88 | BEL     | 9393856 and Up    | 87520               | -                                     |
| 75 (4-Cyl.)                           | 1984-88 | CAN     | 7208573 and Up    | 87520               | -                                     |
| 80 (3-Cyl.) 3 Jaw Rev. Clutch         | 1987    | USA     | 0A996142-0C221999 | 87590               | 11830                                 |
| 80 (3-Cyl.) 3 Jaw Rev. Clutch         | 1987    | BEL     | 9483121-9589038   | 87590               | 11830                                 |
| 80 (3-Cyl.) 6 Jaw Rev. Clutch         | 1987    | USA     | 0A996142-0C221999 | 87590               | 11830                                 |
| 80 (3-Cyl.) 6 Jaw Rev. Clutch         | 1987    | BEL     | 9483121-9589038   | 87590               | 11830                                 |
| 80 (80, 800) (4-Cyl.)                 | 1978-79 | USA     | 4831999-6432900   | 87520               | -                                     |
| 80 (80, 800) (4-Cyl.)                 | 1978-79 | AUS     | 8050200 and Up    | 87520               | -                                     |
| 80 (80, 800) (4-Cyl.)                 | 1978-79 | BEL     | 9177626-9393855   | 87520               | -                                     |
| 80 (80, 800) (4-Cyl.)                 | 1978-79 | CAN     | 7110998-7208572   | 87520               | -                                     |
| 90 (3-Cyl.) 3 Jaw Rev. Clutch         | 1987    | USA     | 0A996142 and Up   | 87590               | 11830                                 |
| 90 (3-Cyl.) 3 Jaw Rev. Clutch         | 1987    | BEL     | 9483121 and Up    | 87590               | 11830                                 |
| 90 (3-Cyl.) 6 Jaw Rev. Clutch         | 1987    | USA     | 0A996142 and Up   | 87590               | 11830                                 |
| 90 (3-Cyl.) 6 Jaw Rev. Clutch         | 1987    | BEL     | 9483121 and Up    | 87590               | 11830                                 |
| 90 (90, 900) (6-Cyl.)                 | 1978-79 | USA     | 4845301 and Up    | 87520               | -                                     |
| 90 (90, 900) (6-Cyl.)                 | 1978-79 | CAN     | 7111698 and Up    | 87520               | -                                     |
| 90 (90, 900) (6-Cyl.)                 | 1978-79 | AUS     | 8060545 and Up    | 87520               | -                                     |
| 100 (4-Cyl.) 3 Jaw Rev. Clutch        | 1988-93 | USA     | 0B209468 and Up   | 87590               | 11830                                 |
| 100 (4-Cyl.) 3 Jaw Rev. Clutch        | 1988-93 | BEL     | 9523034 and Up    | 87590               | 11830                                 |
| 100 High Altitude 3 Jaw Rev. Clutch   | 1988-93 | USA     | 0B209468 and Up   | 87590               | 11830                                 |
| 100 High Altitude 3 Jaw Rev. Clutch   | 1988-93 | BEL     | 9523034 and Up    | 87590               | 11830                                 |
| 100 (4-Cyl.) 6 Jaw Rev. Clutch        | 1988-98 | USA     | 0B209468 and Up   | 87590               | 11830                                 |
| 100 (4-Cyl.) 6 Jaw Rev. Clutch        | 1988-98 | BEL     | 9523034 and Up    | 87590               | 11830                                 |
| 100 High Altitude 6 Jaw Rev. Clutch   | 1988-93 | USA     | 0B209468 and Up   | 87590               | 11830                                 |
| 100 High Altitude 6 Jaw Rev. Clutch   | 1988-93 | BEL     | 9523034 and Up    | 87590               | 11830                                 |
| 115 (4-Cyl.) 3 Jaw Rev. Clutch        | 1988-93 | USA     | 0C100000 and Up   | 87590               | 11830                                 |
| 115 (4-Cyl.) 3 Jaw Rev. Clutch        | 1988-93 | BEL     | 9559771 and Up    | 87590               | 11830                                 |
| 115 High Altitude 3 Jaw Rev. Clutch   | 1989-93 | USA     | 0C100000 and Up   | 87590               | 11830                                 |
| 115 High Altitude 3 Jaw Rev. Clutch   | 1989-93 | BEL     | 9559771 and Up    | 87590               | 11830                                 |
| 115 (4-Cyl.) 6 Jaw Rev. Clutch        | 1989-93 | USA     | 0C100000 and Up   | 87590               | 11830                                 |
| 115 (4-Cyl.) 6 Jaw Rev. Clutch        | 1989-93 | BEL     | 9559771 and Up    | 87590               | 11830                                 |
| 115 High Altitude 6 Jaw Rev. Clutch   | 1989-93 | USA     | 0C100000 and Up   | 87590               | 11830                                 |
| 115 High Altitude 6 Jaw Rev. Clutch   | 1989-93 | BEL     | 9559771 and Up    | 87590               | 11830                                 |
| 115 (115, 1150) (6-Cyl.)              | 1978-79 | USA     | 4855153 and Up    | 87520               | -                                     |
| 115 (115, 1150) (6-Cyl.)              | 1978-79 | AUS     | 8051950 and Up    | 87520               | -                                     |
| 115 (115, 1150) (6-Cyl.)              | 1978-79 | CAN     | 711248 and Up     | 87520               | -                                     |

# Mercury / Mariner / Force

## GEARCASE SEAL AND BEARING KITS APPLICATIONS

| Model                                                  | Year    | Country | Serial No. Range   | Lower Unit Seal Kit | Seal & Bearing Kit (w/o forward brg.) |
|--------------------------------------------------------|---------|---------|--------------------|---------------------|---------------------------------------|
| 125 (4-Cyl.) 3 Jaw Rev. Clutch                         | 1994-98 | USA     | 0D283222 and Up    | 87590               | 11830                                 |
| 125 (4-Cyl.) 3 Jaw Rev. Clutch                         | 1994-98 | BEL     | 9793577 and Up     | 87590               | 11830                                 |
| 125 High Altitude 3 Jaw Rev. Clutch                    | 1994-98 | USA     | 0D283222 and Up    | 87590               | 11830                                 |
| 125 High Altitude 3 Jaw Rev. Clutch                    | 1994-98 | BEL     | 9793577 and Up     | 87590               | 11830                                 |
| 125 (4-Cyl.) 6 Jaw Rev. Clutch                         | 1994-98 | USA     | 0D283222 and Up    | 87590               | 11830                                 |
| 125 (4-Cyl.) 6 Jaw Rev. Clutch                         | 1994-98 | BEL     | 9793577 and Up     | 87590               | 11830                                 |
| 125 High Altitude 6 Jaw Rev. Clutch                    | 1994-98 | USA     | 0D283222 and Up    | 87590               | 11830                                 |
| 125 High Altitude 6 Jaw Rev. Clutch                    | 1994-98 | BEL     | 9793577 and Up     | 87590               | 11830                                 |
| 140 (140, 1400) (6-Cyl.)                               | 1978-79 | USA     | 4865678 and Up     | 87520               | -                                     |
| 140 (140, 1400) (6-Cyl.)                               | 1978-79 | AUS     | 8052650 and Up     | 87520               | -                                     |
| 140 (140, 1400) (6-Cyl.)                               | 1978-79 | CAN     | 7112773 and Up     | 87520               | -                                     |
| V-135 Std. Rotation, 2:1 Ratio, Ratcheting             | 1986-88 | USA     | 0A904646-0G437999  | 87540               | 11810                                 |
| V-135 Counter Rotation, Ratcheting                     | 1989-90 | USA     | 0C100861-0G437999  | 87540               | -                                     |
| V-135 Std. Rotation, 2:1 Ratio, Non-Ratcheting         | 1997-04 | USA     | 0G438000 and Up    | 87540               | 11820                                 |
| V-135 Counter Rotation, Non-Ratcheting                 | 1997-04 | USA     | 0G438000 and Up    | 87540               | -                                     |
| V-135 DFI Std. Rotation, 2:1, Non-Ratcheting           | 1998-04 | USA     | 0G590000 and Up    | 87540               | 11810                                 |
| V-135 DFI Counter Rotation, Non-Ratcheting             | 1998-04 | USA     | 0G590000 and Up    | 87540               | -                                     |
| V-150 Std. Rotation, 2:1 Ratio, Ratcheting             | 1985    | USA     | 6616991-0A904645   | 87520               | 11800                                 |
| V-150 Std. Rotation, 2:1 Ratio, Ratcheting             | 1986-88 | USA     | 0A904646-0G437999  | 87540               | 11810                                 |
| V-150 Counter Rotation, 2:1, Ratcheting                | 1989-90 | USA     | 0C100861-0G437999  | 87540               | -                                     |
| V-150 (XR4, MAG II) w/ 4-1/4" Dia. Torpedo             | 1988-91 | USA     | 0C239553-04303045  | 87540               | -                                     |
| V-150 (XR4, MAG III) w/ 4-1/4" Dia. Torpedo            | 1988-91 | USA     | 0D082000-0G437999  | 87540               | 11810                                 |
| V-150 EFI Std. Rotation, 1.87:1, Ratcheting            | 1993-95 | USA     | 0D082000-0G437999  | 87540               | 11810                                 |
| V-150 EFI Counter Rotation, 1.87:1, Ratcheting         | 1993-95 | USA     | 0D082000-0G437999  | 87540               | -                                     |
| V-150 Std. Rotation, 2:1, Non-Ratcheting               | 1996-98 | USA     | 0G438000 and Up    | 87540               | 11820                                 |
| V-150 Counter Rotation, Non-Ratcheting                 | 1996-98 | USA     | 0G438000 and Up    | 87540               | -                                     |
| V-150 (XR6, MAG III) Std. Rot., 1.87:1, Non-Ratcheting | 1996-98 | USA     | 0G438000 and Up    | 87540               | 11820                                 |
| V-150 EFI Std. Rot., 1.87:1, Non-Ratcheting            | 1996-98 | USA     | 0G438000 and Up    | 87540               | 11820                                 |
| V-150 EFI Counter Rot., 1.87:1, Non-Ratcheting         | 1996-98 | USA     | 0G438000 and Up    | 87540               | -                                     |
| V-150 DFI Std. Rot., 1.87:1, Non-Ratcheting            | 1998    | USA     | 0G590000 and Up    | 87540               | 11820                                 |
| V-150 DFI Counter Rot., 1.87:1, Non-Ratcheting         | 1998    | USA     | 0G590000 and Up    | 87540               | -                                     |
| V-175 Std. Rot., w/ pre-load pin in drive shaft        | 1980-81 | USA     | 5393737-6618750    | 87520               | 11800                                 |
| V-175 Std. Rot., w/ pre-load pin in drive shaft        | 1980-81 | AUS     | 8064250 and Up     | 87520               | 11800                                 |
| V-175 Std. Rot., 1.87:1 Ratio, Ratcheting              | 1985-88 | USA     | 6618751-0G437999   | 87540               | 11810                                 |
| V-175 Counter Rot., 1.87:1 Ratio, Ratcheting           | 1985-88 | USA     | 6618751-0G437999   | 87540               | -                                     |
| V-175 EFI Std. Rot., 1.87:1, Ratcheting                | 1991    | USA     | 0D000750-0G437999  | 87540               | 11810                                 |
| V-175 EFI Counter Rot., 1.87:1, Ratcheting             | 1991    | USA     | 0D082000-0G437999  | 87540               | -                                     |
| V-175 Std. Rot., 1.87:1, Non-Ratcheting                | 1996-98 | USA     | 0G438000 and Up    | 87540               | 11820                                 |
| V-175 Counter Rot., 1.87:1, Non-Ratcheting             | 1996-98 | USA     | 0G438000 and Up    | 87540               | -                                     |
| V-175 EFI Std. Rot., 1.87:1, Non-Ratcheting            | 1996-98 | USA     | 0G438000 and Up    | 87540               | 11820                                 |
| V-175 Counter Rot., 1.87:1, Non-Ratcheting             | 1996-98 | USA     | 0G438000 and Up    | 87540               | -                                     |
| V-200 Std. Rot. w/ pre-load pin in drive shaft         | 1978-79 | USA     | 5393737-6073191    | 87520               | 11800                                 |
| V-200 Std. Rot. w/ pre-load pin in drive shaft         | 1980-81 | AUS     | 8061595-8065672    | 87520               | 11800                                 |
| V-200 Std. Rot. w/ pre-load pin in drive shaft         | 1982-84 | USA     | 6073192-6625220    | 87520               | 11800                                 |
| V-200 Std. Rot., 1.87:1, Ratcheting                    | 1985-88 | USA     | 6625221-0C291519   | 87540               | 11810                                 |
| V-200 Counter Rot., 1.87:1, Ratcheting                 | 1989-90 | USA     | 0C100861-0G437999  | 87540               | -                                     |
| V-200 Std. Rot., 1.87:1, Ratcheting                    | 1991    | USA     | 0C291520-0G437999  | 87540               | 11810                                 |
| V-200 EFI Std. Rot., 1.87:1, Ratcheting                | 1989-90 | USA     | 0C100861-0C291519  | 87540               | 11810                                 |
| V-200 EFI Std. Rot., 1.87:1, Ratcheting                | 1991    | USA     | 0C291520-0G437999  | 87540               | 11810                                 |
| V-200 EFI Counter Rot., 1.87:1, Ratcheting             | 1992-95 | USA     | 0D082000-0G437999  | 87540               | -                                     |
| V-200 DFI Std. Rot., 1.87:1, Ratcheting                | 1997-04 | USA     | 0G437999           | 87540               | 11840                                 |
| V-200 DFI Std. Rot., 1.75:1, Non-Ratcheting            | 1997    | USA     | 0G438000 and Up    | 87540               | 11840                                 |
| V-200 DFI Counter Rot., 1.75:1, Ratcheting             | 1997    | USA     | 0G386496-0G437999  | 87513               | -                                     |
| V-200 Std. Rot., 1.87:1, Non-Ratcheting                | 1996-98 | USA     | 0G438000 and Up    | 87513               | 11820                                 |
| V-200 Counter Rot., 1.87:1, Non-Ratcheting             | 1996-98 | USA     | 0G438000 and Up    | 87513               | -                                     |
| V-200 EFI Std. Rot., 1.87:1, Non-Ratcheting            | 1996-98 | USA     | 0G438000 and Up    | 87513               | 11820                                 |
| V-200 Counter Rot., 1.87:1, Non-Ratcheting             | 1996-98 | USA     | 0G438000 and Up    | 87513               | -                                     |
| V-200 DFI Counter Rot., 1.75:1, Non-Ratcheting         | 1997    | USA     | 0G438000 and Up    | 87513               | -                                     |
| 200 (3.0L) DFI Std. Rot., 1.75:1 Ratio                 | 1998    | USA     | 0G590000 and Up    | 87513               | 11840                                 |
| 200 (3.0L) Std. Rot., 1.75:1 Ratio                     | 1998    | USA     | 0G590000 and Up    | 87513               | 11840                                 |
| 225 (3.0L) DFI Std. Rot., 1.75:1 Ratio                 | 1998    | USA     | 0G590000 and Up    | 87513               | 11840                                 |
| 225 (3.0 Carb) Sea Pro Std. Rot., 1.62:1               | 1994-98 | USA     | 0G437999 and Below | 87513               | 11840                                 |
| 225 (3.0 Carb) Sea Pro Std. Rot., 1.75:1               | 1994-98 | USA     | 0G437999 and Below | 87513               | 11840                                 |
| V-220 Std. Rot., 1.87:1 Ratio                          | 1987-88 | USA     | B117316 and Up     | 87520               | -                                     |
| V-225 Std. Rot., w/ pre-load pin in drive shaft        | 1980-81 | USA     | 5628028 and Up     | 87512               | -                                     |
| 225 (3.0 Carb) Std. Rot., 1.62:1 Ratio                 | 1994-98 | USA     | 0D280813 and Up    | 87513               | -                                     |
| 225 (3.0L) EFI Std. Rot., 1.75:1 Ratio                 | 1995-98 | USA     | 0G129222-0G437999  | 87513               | 11840                                 |
| 225 (3.0L) EFI Std. Rot., 1.75:1 Ratio                 | 1995-98 | USA     | 0G438000 and Up    | 87513               | 11840                                 |
| 225 (3.0L) EFI Std. Rot., 1.87:1 Ratio                 | 1995-98 | USA     | 0G438000 and Up    | 87513               | 11840                                 |
| 250 (3.0L) EFI Std. Rot., 1.75:1 Ratio                 | 1995-98 | USA     | 0G129222-0G437999  | 87513               | 11840                                 |
| 250 (3.0L) EFI Std. Rot., 1.75:1 Ratio                 | 1995-98 | USA     | 0G438000 and Up    | 87513               | 11840                                 |
| 250 (3.0L) EFI Std. Rot., 1.87:1 Ratio                 | 1995-98 | USA     | 0G438000 and Up    | 87513               | 11840                                 |
| 250 / 275 Std. Rotation                                | 1989-94 | USA     | C101891 and Up     | 87513               | 11840                                 |

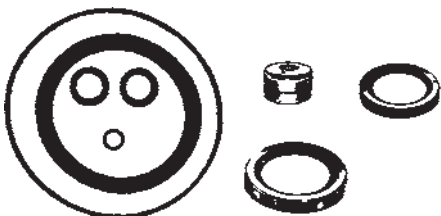
# Mercury / Mariner / Force

## GEARCASE SEAL KITS - FORCE

### Force

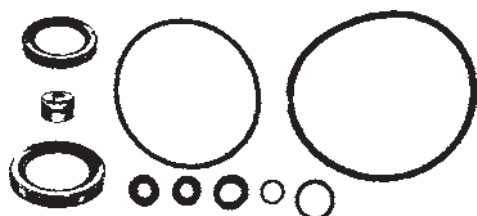
**No. 87800**

OEM: FK1060



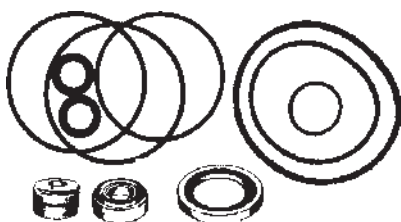
**No. 87801**

OEM: FK1061



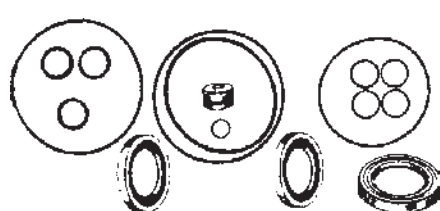
**No. 87802**

OEM: FK1062



**No. 87803**

OEM: FK1063-2



**No. 87804**

OEM: FK1065



**No. 87805**

OEM: FK1068



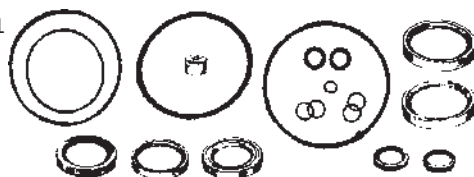
**No. 87806**

OEM: FK1127



**No. 87807**

OEM: FK1203-1



## GEARCASE SEAL KITS - FORCE APPLICATIONS

| Model   | Year          | Kit          | Model | Year    | Kit   |
|---------|---------------|--------------|-------|---------|-------|
| 6, 7.5  | 1978-Up       | 87802        | 70    | 1979    | 87801 |
| 9.9, 15 | All           | 87804        | 70    | 1991-95 | 87809 |
| 20, 25  | 1972-78       | 87805        | 75    | 1975-79 | 87801 |
| 25      | 1989          | 87810        | 75    | 1980-83 | 87803 |
| 25      | 1996-97       | 87808        | 75    | 1996-97 | 87809 |
| 35      | 1970-72       | 87800        | 85    | 1980-89 | 87803 |
| 35      | 1972 1/2      | 87810        | 85    | 1989    | 87807 |
| 35      | 1973          | 87800        | 90    | 1974-77 | 87810 |
| 35      | 1974-75       | 87805        | 90    | 1983    | 87803 |
| 35      | 1986-91       | 87810        | 90    | 1990-94 | 87807 |
| 35      | 1989-91       | 87810        | 90    | 1995-Up | 87590 |
| 40      | 1992-94       | 87810        | 90    | 1990-91 | 87807 |
| 50      | 1984-94       | 87810        | 105   | 1970-76 | 87801 |
| 55      | 1972 1/2-1974 | 87810        | 105   | 1979-83 | 87803 |
| 55      | 1978-82       | 87800        | 120   | 1990-94 | 87807 |
| 55      | 1983          | DISCONTINUED | 120   | 1995-Up | 87590 |
| 60      | 1984 & Prior  | 87800        | 125   | 1983-89 | 87803 |
| 60      | 1985          | DISCONTINUED | 125   | 1989    | 87807 |
| 65      | All           | DISCONTINUED | 125   | 1989    | 87807 |
| 70      | 1970-73       | 87801        | 150   | 1989-94 | 87807 |



## Section 3

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# Mercury / Mariner / Force

## LOWER GEAR HOUSING GEARS - INLINE 4 (40, 45, 50 HP)

### L4 40 HP

Serial No. OC159200 & Up (1989-Up)

### L4 45 HP

Serial No. 5531630 & Up (1986)

### L4 50 HP

Serial No. 5531630 & Up (1980-86)



2.0:1 Ratio (13:26 Teeth)



|                                                                                                                                                                                                                                 |                      |                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|
| <b>COMPLETE GEAR SET</b> <ul style="list-style-type: none"> <li>- Forward/Pinion/Reverse</li> <li>- Forward Gear Bearing GLM No. 21630</li> <li>- Pinion Nut GLM No. 11192</li> <li>- Shim Sets GLM No. 23225, 23226</li> </ul> | <b>GLM No. 11442</b> | OEM No. N/A         |
| <b>FORWARD &amp; PINION SET</b> <ul style="list-style-type: none"> <li>- Forward/Pinion</li> <li>- Forward Gear Bearing GLM No. 21630</li> <li>- Pinion Nut GLM No. 11192</li> <li>- Shim Sets GLM No. 23225, 23226</li> </ul>  | <b>GLM No. 11452</b> | OEM No. 43-803497T1 |
| <b>REVERSE GEAR</b> <ul style="list-style-type: none"> <li>- 6 Jaw without Thrust Washer</li> </ul>                                                                                                                             | <b>GLM No. 11462</b> | OEM No. 43-79158T   |

# Mercury / Mariner / Force

## LOWER GEAR HOUSING GEARS - 3-CYLINDER 40, 50 HP

### 3-Cylinder 40 HP

Serial No. OD000750-OG589999 (1991-95)

### 3-Cylinder 50 HP

Serial No. OG590000 & Up (1994-00)

1.83:1 Ratio (12:22 Teeth)



No. 11192  
Pinion Nut

No. 11454  
Forward & Pinion Set

No. 11464  
Reverse Gear

No. 21581  
Bearing

|                                                                                                                                                                                   |                      |                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|
| <b>COMPLETE GEAR SET</b> <ul style="list-style-type: none"><li>- Forward/Pinion/Reverse</li><li>- Forward Gear Bearing GLM No. 21581</li><li>- Pinion Nut GLM No. 11192</li></ul> | <b>GLM No. 11444</b> | OEM No. N/A         |
| <b>FORWARD &amp; PINION SET</b> <ul style="list-style-type: none"><li>- Forward/Pinion</li><li>- Forward Gear Bearing GLM No. 21581</li><li>- Pinion Nut GLM No. 11192</li></ul>  | <b>GLM No. 11454</b> | OEM No. 43-803498T1 |
| <b>REVERSE GEAR</b> <ul style="list-style-type: none"><li>- 6 Jaw without Thrust Spacer</li></ul>                                                                                 | <b>GLM No. 11464</b> | OEM No. 43-822163T1 |

# Mercury / Mariner / Force

## LOWER GEAR HOUSING GEARS - 3-CYLINDER 50, 55, 60 HP

### 3-Cylinder 50 HP

Serial No. OD000750-OG589999 (1991-95)

### 3-Cylinder 55 HP

Serial No. OD000750 & Up (1996)

### 3-Cylinder 60 HP

Serial No. OD000750 & Up (1991-95)

1.64:1 Ratio (14:23 Teeth)



|                                                                                                                                                                                                                                 |                      |                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|
| <b>COMPLETE GEAR SET</b> <ul style="list-style-type: none"> <li>- Forward/Pinion/Reverse</li> <li>- Forward Gear Bearing GLM No. 21541</li> <li>- Pinion Nut GLM No. 11192</li> <li>- Shim Sets GLM No. 23223, 23224</li> </ul> | <b>GLM No. 11552</b> | OEM No. N/A         |
| <b>FORWARD &amp; PINION SET</b> <ul style="list-style-type: none"> <li>- Forward/Pinion</li> <li>- Forward Gear Bearing GLM No. 21541</li> <li>- Pinion Nut GLM No. 11192</li> <li>- Shim Sets GLM No. 23223, 23224</li> </ul>  | <b>GLM No. 11562</b> | OEM No. 43-803499T1 |
| <b>REVERSE GEAR</b> <ul style="list-style-type: none"> <li>- 3 Jaw without Thrust Spacer</li> </ul>                                                                                                                             | <b>GLM No. 11572</b> | OEM No. 43-813695T  |

# Mercury / Mariner / Force

## LOWER GEAR HOUSING GEARS - 3 & 4-CYLINDER WITH 3 JAW REVERSE CLUTCH

### 3-Cylinder 60 HP (0.85L)

Serial No. OD000750-OG589999 (1991-95)

### 3-Cylinder 70, 80 HP (1.40L)

Serial No. OA996142-OC221999 (1987-89)

### 3-Cylinder 70, 90 HP (1.40L)

Serial No. OA996142 & Up (1987-98)

### L4 100, 115, 125 HP High Altitude

Serial No. 0B209468 & Up

2.31:1 Ratio (13:30 Teeth)



|                                                                                                                                                                                                                                 |                      |                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|
| <b>COMPLETE GEAR SET</b> <ul style="list-style-type: none"> <li>- Forward/Pinion/Reverse</li> <li>- Forward Gear Bearing GLM No. 21820</li> <li>- Pinion Nut GLM No. 11190</li> <li>- Shim Sets GLM No. 23221, 23222</li> </ul> | <b>GLM No. 11550</b> | OEM No. N/A         |
| <b>FORWARD &amp; PINION SET</b> <ul style="list-style-type: none"> <li>- Forward/Pinion</li> <li>- Forward Gear Bearing GLM No. 21820</li> <li>- Pinion Nut GLM No. 11190</li> <li>- Shim Sets GLM No. 23221, 23222</li> </ul>  | <b>GLM No. 11560</b> | OEM No. 43-803500T1 |
| <b>REVERSE GEAR</b> <ul style="list-style-type: none"> <li>- 3 Jaw without Thrust Spacer</li> </ul>                                                                                                                             | <b>GLM No. 11570</b> | OEM No. 43-12635T   |

# Mercury Mariner / Force

## LOWER GEAR HOUSING GEARS - 3 & 4-CYLINDER WITH 6 JAW REVERSE CLUTCH

### 3-Cylinder 60 HP (0.85L)

Serial No. OD000750 & Up (1991 & Up)

### 3-Cylinder 70, 80 HP (1.40L)

Serial No. OA996142-OC221999 (1987-89)

### 3-Cylinder 75, 90 HP (1.40L)

Serial No. OA996142 & Up (1987-98)

### L4 100, 115, 125 HP High Altitude

Serial No. 0B209468 & Up

2.31:1 Ratio (13:30 Teeth)



|                                                                                                                                                                |                      |                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|
| <b>COMPLETE GEAR SET</b><br>- Forward/Pinion/Reverse<br>- Forward Gear Bearing GLM No. 21820<br>- Pinion Nut GLM No. 11190<br>- Shim Sets GLM No. 23221, 23222 | <b>GLM No. 11555</b> | OEM No. N/A         |
| <b>FORWARD &amp; PINION SET</b><br>- Forward/Pinion<br>- Forward Gear Bearing GLM No. 21820<br>- Pinion Nut GLM No. 11190<br>- Shim Sets GLM No 23221, 23222   | <b>GLM No. 11565</b> | OEM No. 43-803501T1 |
| <b>REVERSE GEAR</b><br>- 6 Jaw without Thrust Spacer                                                                                                           | <b>GLM No. 11575</b> | OEM No. 43-850034T  |

# Mercury / Mariner / Force

## LOWER GEAR HOUSING GEARS - INLINE 4 WITH 3 JAW REVERSE CLUTCH

### L4 100 HP (1.85L)

Serial No. OB209468-OG760299 (1988-93)

### L4 115 HP (1.85L)

Serial No. OC100000-OG760299 (1989-93)

### L4 125 HP (1.85L)

Serial No. OD283222-OG760299 (1994-98)

All Models use Forward 6 Jaw Ratcheting /  
Reverse 3 Jaw Non-Ratcheting Style Clutch GLM No. 11061

2.07:1 Ratio (14:29 Teeth)



|                                                                                                                                                                |                      |                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|
| <b>COMPLETE GEAR SET</b><br>- Forward/Pinion/Reverse<br>- Forward Gear Bearing GLM No. 21820<br>- Pinion Nut GLM No. 11190<br>- Shim Sets GLM No. 23221, 23222 | <b>GLM No. 11556</b> | OEM No. N/A         |
| <b>FORWARD &amp; PINION SET</b><br>- Forward/Pinion<br>- Forward Gear Bearing GLM No. 21820<br>- Pinion Nut GLM No. 11190<br>- Shim Sets GLM No 23221, 23222   | <b>GLM No. 11566</b> | OEM No. 43-803037T1 |
| <b>REVERSE GEAR</b><br>- 3 Jaw without Thrust Spacer                                                                                                           | <b>GLM No. 11576</b> | OEM No. 43-19671T   |

# Mercury / Mariner / Force

## LOWER GEAR HOUSING GEARS - INLINE 4 WITH 6 JAW REVERSE CLUTCH

### L4 100 HP (1.85L)

Serial No. OB209468 & Up (1988-98)

### L4 115 HP (1.85L) 115 EFI (1.75L) 115 OptiMax (1.50L)

Serial No. OC100000 & Up (1989-06)

### L4 125 HP (1.85L) Classic

Serial No. OD283222 & Up (1994-05)

All Models use Forward Ratcheting / Reverse Ratcheting

6 Jaw Style Clutch GLM No. 11063

2.07:1 Ratio (14:29 Teeth)



|                                                                                                                                                                                                                                 |                      |                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|
| <b>COMPLETE GEAR SET</b> <ul style="list-style-type: none"> <li>- Forward/Pinion/Reverse</li> <li>- Forward Gear Bearing GLM No. 21820</li> <li>- Pinion Nut GLM No. 11190</li> <li>- Shim Sets GLM No. 23221, 23222</li> </ul> | <b>GLM No. 11557</b> | OEM No. N/A         |
| <b>FORWARD &amp; PINION SET</b> <ul style="list-style-type: none"> <li>- Forward/Pinion</li> <li>- Forward Gear Bearing GLM No. 21820</li> <li>- Pinion Nut GLM No. 11190</li> <li>- Shim Sets GLM No 23221, 23222</li> </ul>   | <b>GLM No. 11567</b> | OEM No. 43-881260A5 |
| <b>REVERSE GEAR</b> <ul style="list-style-type: none"> <li>- 6 Jaw without Thrust Spacer</li> </ul>                                                                                                                             | <b>GLM No. 11577</b> | OEM No. 43-850036T  |

# Mercury / Mariner / Force

## LOWER GEAR HOUSING GEARS - INLINE 6 (90-150 HP)

### L6 90 HP

Serial No. 4845301 & Up (1978-86)

### L6 115 HP

Serial No. 4855153 & Up (1978-89)

### L6 140 HP

Serial No. 4865678 & Up (1978-81)

### L6 150 HP

Serial No. 3502806 & Up (1973-78)

2.0:1 Ratio (14:28 Teeth)



No. 11340  
Pinion Gear



No. 11350  
Forward Gear



No. 11360  
Reverse Gear



No. 21820  
Bearing

|                                                                                              |                      |                    |
|----------------------------------------------------------------------------------------------|----------------------|--------------------|
| <b>COMPLETE GEAR SET</b><br>- Forward/Pinion/Reverse<br>- Forward Gear Bearing GLM No. 21820 | <b>GLM No. 11330</b> | OEM No. N/A        |
| <b>FORWARD GEAR</b>                                                                          | <b>GLM No. 11350</b> | OEM No. 43-68447T1 |
| <b>PINION GEAR</b>                                                                           | <b>GLM No. 11340</b> | OEM No. 43-68548T3 |
| <b>REVERSE GEAR</b><br>- 3 Jaw without Thrust Spacer                                         | <b>GLM No. 11360</b> | OEM No. 43-76250T  |

# Mercury / Mariner / Force

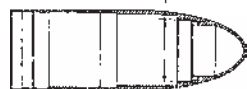
## LOWER GEAR HOUSING GEARS - V6 135, 150 HP

### V6 135, 150 HP Standard Rotation Serial No. OA904646-OG437999 (1986-98)

Use Ratcheting Style Clutch GLM No. 11062

Forward Gear Bearing O.D.  
Fits Housings 3.5433" / 90mm I.D.

2:1 Ratio (14:28 Teeth)



No. 23210  
Shim Set



No. 11190  
Pinion Nut

No. 11670  
Forward & Pinion Set

No. 11012  
Thrust Spacer

No. 11680  
Reverse Gear

No. 21830  
Bearing

No. 23220  
Shim Set

|                                                                                                                                                                                                                                 |                      |                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|
| <b>COMPLETE GEAR SET</b> <ul style="list-style-type: none"> <li>- Forward/Pinion/Reverse</li> <li>- Forward Gear Bearing GLM No. 21830</li> <li>- Pinion Nut GLM No. 11190</li> <li>- Shim Sets GLM No. 23210, 23220</li> </ul> | <b>GLM No. 11660</b> | OEM No. 43-44102A2  |
| <b>FORWARD &amp; PINION SET</b> <ul style="list-style-type: none"> <li>- Forward/Pinion</li> <li>- Forward Gear Bearing GLM No. 21830</li> <li>- Pinion Nut GLM No. 11190</li> <li>- Shim Sets GLM No 23210, 23220</li> </ul>   | <b>GLM No. 11670</b> | OEM No. 43-44102A7  |
| <b>REVERSE GEAR</b> <ul style="list-style-type: none"> <li>- 6 Jaw with Thrust Spacer</li> </ul>                                                                                                                                | <b>GLM No. 11680</b> | OEM No. 43-824987A2 |

# Mercury / Mariner / Force

## LOWER GEAR HOUSING GEARS - V6 150, 175, 200 HP W/O DRIVE SHAFT NUT

### V6 150 HP Standard Rotation

Serial No. 6616991-OA904645 (1985)

### V6 175 HP Standard Rotation

Serial No. 5393737-668750 (1980-81)

### V6 200 HP Standard Rotation

Serial No. 5393737-6073191 (1980-81)

All Models with Pre-load Pin in Drive Shaft

Forward Gear Bearing O.D.  
Fits Housings 3.5433" / 90mm I.D.



No. 11190  
Pinion Nut



No. 11780  
Forward & Pinion Set



No. 11790  
Reverse Gear



No. 21830  
Bearing



No. 23300  
Shim Set

No. 23220  
Shim Set

|                                                                                                                                                                                                                                 |                      |                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|
| <b>COMPLETE GEAR SET</b> <ul style="list-style-type: none"> <li>- Forward/Pinion/Reverse</li> <li>- Forward Gear Bearing GLM No. 21830</li> <li>- Pinion Nut GLM No. 11190</li> <li>- Shim Sets GLM No. 23220, 23300</li> </ul> | <b>GLM No. 11770</b> | OEM No. N/A         |
| <b>FORWARD &amp; PINION SET</b> <ul style="list-style-type: none"> <li>- Forward/Pinion</li> <li>- Forward Gear Bearing GLM No. 21830</li> <li>- Pinion Nut GLM No. 11190</li> <li>- Shim Sets GLM No 23220, 23300</li> </ul>   | <b>GLM No. 11780</b> | OEM No. 43-803619T1 |
| <b>REVERSE GEAR</b> <ul style="list-style-type: none"> <li>- 6 Jaw without Thrust Spacer</li> </ul>                                                                                                                             | <b>GLM No. 11790</b> | OEM No. 43-85462T   |

# Mercury / Mariner / Force

LOWER GEAR HOUSING GEARS - V6 150 (XR6, MAG III), 150 EFI, 150 DFI, 175 HP

**V6 150 (XR6, MAG III), 150 EFI Standard Rotation**

**Serial No. OG438000 & Up (1996 & Up)**

**V6 150 DFI Standard Rotation**

**Serial No. OG590000 & Up (1998 & Up)**

**V6 175, 175 EFI Standard Rotation**

**Serial No. OG438000 & Up (1996-98)**

All Models use Non-Ratcheting Style Clutch

1.87:1 Ratio (15:28 Teeth)

Forward Gear Bearing O.D.  
Fits Housings 3.265" / 82.93mm I.D.



No. 32800  
Washer



No. 23210  
Shim Set

No. 23221  
Shim Set

No. 11190  
Pinion Nut

No. 11675  
Forward & Pinion Set

No. 11012  
Thrust Spacer

No. 11685  
Reverse Gear

No. 21820  
Bearing

|                                                                                                                                                                                                                                 |                      |                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|
| <b>COMPLETE GEAR SET</b> <ul style="list-style-type: none"> <li>- Forward/Pinion/Reverse</li> <li>- Forward Gear Bearing GLM No. 21820</li> <li>- Pinion Nut GLM No. 11190</li> <li>- Shim Sets GLM No. 23210, 23221</li> </ul> | <b>GLM No. 11665</b> | OEM No. N/A         |
| <b>FORWARD &amp; PINION SET</b> <ul style="list-style-type: none"> <li>- Forward/Pinion</li> <li>- Forward Gear Bearing GLM No. 21820</li> <li>- Pinion Nut GLM No. 11190</li> <li>- Shim Sets GLM No. 23210, 23221</li> </ul>  | <b>GLM No. 11675</b> | OEM No. 43-803615T2 |
| <b>REVERSE GEAR</b> <ul style="list-style-type: none"> <li>- 6 Jaw with Thrust Spacer</li> </ul>                                                                                                                                | <b>GLM No. 11685</b> | OEM No. 43-828175A1 |

# Mercury / Mariner / Force

LOWER GEAR HOUSING GEARS - V6 150 (XR4, MAG III), 175, 200, 200 EFI, 220 HP

## V6 150 (XR4, MAG III), 150 EFI Standard Rotation

Serial No. OD082000-OG437999 (1993-98)

## V6 175, 175 EFI Standard Rotation

Serial No. 661875-OG437999 (1985-98)

## V6 200, 200 EFI Standard Rotation

Serial No. 6625221-OG437999 (1985-98)

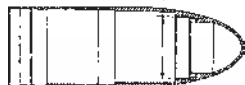
## V6 220 HP Standard Rotation

Serial No. B117316 & Up (1987-88)

All Models use Ratcheting Style Clutch

1.87:1 Ratio (15:28 Teeth)

Forward Gear Bearing O.D.  
Fits Housings 3.5433" / 90mm I.D.



No. 11190  
Pinion Nut

No. 11450  
Forward & Pinion Set

No. 11012  
Thrust Spacer

No. 11460  
Reverse Gear

No. 21830  
Bearing

No. 23210  
Shim Set

|                                                                                                                                                                                                                                 |                      |                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|
| <b>COMPLETE GEAR SET</b> <ul style="list-style-type: none"> <li>- Forward/Pinion/Reverse</li> <li>- Forward Gear Bearing GLM No. 21830</li> <li>- Pinion Nut GLM No. 11190</li> <li>- Shim Sets GLM No. 23210, 23220</li> </ul> | <b>GLM No. 11440</b> | OEM No. 43-44104A2  |
| <b>FORWARD &amp; PINION SET</b> <ul style="list-style-type: none"> <li>- Forward/Pinion</li> <li>- Forward Gear Bearing GLM No. 21830</li> <li>- Pinion Nut GLM No. 11190</li> <li>- Shim Sets GLM No 23210, 23220</li> </ul>   | <b>GLM No. 11450</b> | OEM No. 43-44104A8  |
| <b>REVERSE GEAR</b> <ul style="list-style-type: none"> <li>- 6 Jaw with Thrust Spacer</li> </ul>                                                                                                                                | <b>GLM No. 11460</b> | OEM No. 43-824986A2 |

# Mercury / Mariner / Force

LOWER GEAR HOUSING GEARS - V6 200, 225 (3.0L DFI), 225, 250 (3.0L EFI)

## V6 200, 225 (3.0L DFI) Standard Rotation

Serial No. OG590000 & Up (1998 & Up)

## V6 225, 250 (3.0L EFI) Standard Rotation

Serial No. OG129222 & Up (1995 & Up)

All Models use Non-Ratcheting Style Clutch

1.75:1 Ratio (12:21 Teeth)

Forward Gear Bearing O.D.  
Fits Housings 3.265" / 82.93mm I.D.



|                                                                                                                                                                                                                                                                   |                      |                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|
| <b>COMPLETE GEAR SET</b> <ul style="list-style-type: none"> <li>- Forward/Pinion/Reverse</li> <li>- Forward Gear Bearing GLM No. 21820</li> <li>- Pinion Nut GLM No. 11190</li> <li>- Shim Sets GLM No. 23210, 23221</li> <li>- Seal Kit GLM No. 87513</li> </ul> | <b>GLM No. 11700</b> | OEM No. N/A         |
| <b>FORWARD &amp; PINION SET</b> <ul style="list-style-type: none"> <li>- Forward/Pinion</li> <li>- Forward Gear Bearing GLM No. 21820</li> <li>- Pinion Nut GLM No. 11190</li> <li>- Shim Sets GLM No 23210, 23221</li> </ul>                                     | <b>GLM No. 11710</b> | OEM No. 43-859321A3 |
| <b>REVERSE GEAR</b> <ul style="list-style-type: none"> <li>- 6 Jaw with Thrust Spacer</li> </ul>                                                                                                                                                                  | <b>GLM No. 11720</b> | OEM No. 43-859322A1 |

# Mercury / Mariner / Force

## LOWER GEAR HOUSING GEARS - V6 225, 250 (3.0L CARB)

### V6 225 Sea Pro (3.0L Carb) Serial No. OG245605-OG437999 (1994-98) V6 225 (3.0L Carb) Serial No. OD280813 & Up (1994-98)

1.62:1 Ratio (13:21 Teeth)

Forward Gear Bearing O.D.  
Fits Housings 3.265" / 82.93mm I.D.



No. 11190  
Pinion Nut

No. 11092  
Forward & Pinion Set

No. 11012  
Thrust Spacer

No. 11013  
Reverse Gear

No. 21593  
Bearing

|                                                                                                                                                              |                      |                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|
| <b>COMPLETE GEAR SET</b><br>- Forward/Pinion/Reverse<br>- Pinion Bearing GLM No. 21610<br>- Pinion Nut GLM No. 11190<br>- Forward Gear Bearing GLM No. 21593 | <b>GLM No. 11313</b> | OEM No. N/A         |
| <b>FORWARD &amp; PINION SET</b><br>- Forward/Pinion<br>- Forward Gear Bearing GLM No. 21593                                                                  | <b>GLM No. 11092</b> | OEM No. 43-878087A2 |
| <b>REVERSE GEAR</b><br>- 6 Jaw with Thrust Spacer                                                                                                            | <b>GLM No. 11013</b> | OEM No. 43-828073A1 |

# Mercury / Mariner / Force

## LOWER GEAR HOUSING GEARS APPLICATIONS

| Model                                 | Year    | Country | Serial No. Range  | Complete Gear Set | Forward & Pinion | Reverse Gear | Forward Bearing |
|---------------------------------------|---------|---------|-------------------|-------------------|------------------|--------------|-----------------|
| 40 (4-Cyl.)                           | 1989-Up | USA     | 0C159200 and Up   | 11442             | 11452            | 11462        | 21630           |
| 40 (4-Cyl.)                           | 1989-Up | BEL     | 9570790 and Up    | 11442             | 11452            | 11462        | 21630           |
| 45 (4-Cyl.)                           | 1986    | USA     | 5531630 and Up    | 11442             | 11452            | 11462        | 21630           |
| 45 (4-Cyl.)                           | 1986    | AUS     | 8063985 and Up    | 11442             | 11452            | 11462        | 21630           |
| 45 (4-Cyl.)                           | 1986    | BEL     | 9248006 and Up    | 11442             | 11452            | 11462        | 21630           |
| 45 (4-Cyl.)                           | 1986    | CAN     | 7143688 and Up    | 11442             | 11452            | 11462        | 21630           |
| 50 (4-Cyl.)                           | 1980-85 | USA     | 5531630 and Up    | 11442             | 11452            | 11462        | 21630           |
| 50 (4-Cyl.)                           | 1980-85 | AUS     | 8063985 and Up    | 11442             | 11452            | 11462        | 21630           |
| 50 (4-Cyl.)                           | 1980-85 | BEL     | 9248006 and Up    | 11442             | 11452            | 11462        | 21630           |
| 50 (4-Cyl.)                           | 1980-85 | CAN     | 7143688 and Up    | 11442             | 11452            | 11462        | 21630           |
| 40 (3-Cyl.)                           | 1997-98 | USA     | 0G531301 and Up   | 11444             | 11454            | 11464        | 21581           |
| 40 (3-Cyl.)                           | 1997-98 | BEL     | 9973100 and Up    | 11444             | 11454            | 11464        | 21581           |
| 50 (3-Cyl.)                           | 1991-95 | USA     | 0D000750-0G589999 | 11552             | 11562            | 11572        | 21541           |
| 50 (3-Cyl.)                           | 1991-95 | BEL     | 9683055-9973099   | 11552             | 11562            | 11572        | 21541           |
| 50 (3-Cyl.)                           | 1998    | USA     | 0G590000 and Up   | 11444             | 11454            | 11464        | 21581           |
| 50 (3-Cyl.)                           | 1998    | BEL     | 9973100 and Up    | 11444             | 11454            | 11464        | 21581           |
| 55 (3-Cyl.)                           | 1996    | USA     | 0D000750 and Up   | 11552             | 11562            | 11572        | 21541           |
| 55 (3-Cyl.)                           | 1996    | BEL     | 9741042 and Up    | 11552             | 11562            | 11572        | 21541           |
| 60 (3-Cyl.) Standard, Non-Bigfoot     | 1991-95 | USA     | 0D000750 and Up   | 11552             | 11562            | 11572        | 21541           |
| 60 (3-Cyl.) Standard, Non-Bigfoot     | 1991-95 | BEL     | 9683055 and Up    | 11552             | 11562            | 11572        | 21541           |
| 60 (3-Cyl.) 3 Jaw Rev. Clutch Bigfoot | 1991-95 | USA     | 0D000750-0G589999 | 11550             | 11560            | 11570        | 21820           |
| 60 (3-Cyl.) 3 Jaw Rev. Clutch Bigfoot | 1991-95 | BEL     | 9683055-9973099   | 11550             | 11560            | 11570        | 21820           |
| 60 (3-Cyl.) 6 Jaw Rev. Clutch Bigfoot | 1991-95 | USA     | 0D000750-0G589999 | 11555             | 11565            | 11575        | 21820           |
| 60 (3-Cyl.) 6 Jaw Rev. Clutch Bigfoot | 1991-95 | BEL     | 9683055-9973099   | 11555             | 11565            | 11575        | 21820           |
| 60 (3-Cyl.) 6 Jaw Rev. Clutch Bigfoot | 1998    | USA     | 590000 and Up     | 11555             | 11565            | 11575        | 21820           |
| 60 (3-Cyl.) 6 Jaw Rev. Clutch Bigfoot | 1998    | BEL     | 9973100 and Up    | 11555             | 11565            | 11575        | 21820           |
| 70 (3-Cyl.) 3 Jaw Rev. Clutch         | 1987    | USA     | 0A996142-0C221999 | 11550             | 11560            | 11570        | 21820           |
| 70 (3-Cyl.) 3 Jaw Rev. Clutch         | 1987    | BEL     | 9483121-9589038   | 11550             | 11560            | 11570        | 21820           |
| 70 (3-Cyl.) 6 Jaw Rev. Clutch         | 1987    | USA     | 0A996142-0C221999 | 11555             | 11565            | 11575        | 21820           |
| 70 (3-Cyl.) 6 Jaw Rev. Clutch         | 1987    | BEL     | 9483121-9589038   | 11555             | 11565            | 11575        | 21820           |
| 75 (3-Cyl.) 3 Jaw Rev. Clutch         | 1990-93 | USA     | 0A996142 and Up   | 11550             | 11560            | 11570        | 21820           |
| 75 (3-Cyl.) 3 Jaw Rev. Clutch         | 1990-93 | BEL     | 9483121 and Up    | 11550             | 11560            | 11570        | 21820           |
| 75 (3-Cyl.) 6 Jaw Rev. Clutch         | 1994-98 | USA     | 0A996142 and Up   | 11555             | 11565            | 11575        | 21820           |
| 75 (3-Cyl.) 6 Jaw Rev. Clutch         | 1994-98 | BEL     | 9483121 and Up    | 11555             | 11565            | 11575        | 21820           |
| 80 (3-Cyl.) 3 Jaw Rev. Clutch         | 1987    | USA     | 0A996142-0C221999 | 11550             | 11560            | 11570        | 21820           |
| 80 (3-Cyl.) 3 Jaw Rev. Clutch         | 1987    | BEL     | 9483121-9589038   | 11550             | 11560            | 11570        | 21820           |
| 80 (3-Cyl.) 6 Jaw Rev. Clutch         | 1987    | USA     | 0A996142-0C221999 | 11555             | 11565            | 11575        | 21820           |
| 80 (3-Cyl.) 6 Jaw Rev. Clutch         | 1987    | BEL     | 9483121-9589038   | 11555             | 11565            | 11575        | 21820           |
| 90 (3-Cyl.) 3 Jaw Rev. Clutch         | 1987    | USA     | 0A996142 and Up   | 11550             | 11560            | 11570        | 21820           |
| 90 (3-Cyl.) 3 Jaw Rev. Clutch         | 1987    | BEL     | 9483121 and Up    | 11550             | 11560            | 11570        | 21820           |
| 90 (3-Cyl.) 6 Jaw Rev. Clutch         | 1987    | USA     | 0A996142 and Up   | 11555             | 11565            | 11575        | 21820           |
| 90 (3-Cyl.) 6 Jaw Rev. Clutch         | 1987    | BEL     | 9483121 and Up    | 11555             | 11565            | 11575        | 21820           |
| 100 (4-Cyl.) 3 Jaw Rev. Clutch        | 1988-93 | USA     | 0B209468 and Up   | 11556             | 11566            | 11576        | 21820           |
| 100 (4-Cyl.) 3 Jaw Rev. Clutch        | 1988-93 | BEL     | 9523034 and Up    | 11556             | 11566            | 11576        | 21820           |
| 100 High Altitude 3 Jaw Rev. Clutch   | 1988-93 | USA     | 0B209468 and Up   | 11550             | 11560            | 11570        | 21820           |
| 100 High Altitude 3 Jaw Rev. Clutch   | 1988-93 | BEL     | 9523034 and Up    | 11550             | 11560            | 11570        | 21820           |
| 100 (4-Cyl.) 6 Jaw Rev. Clutch        | 1988-98 | USA     | 0B209468 and Up   | 11557             | 11567            | 11577        | 21820           |
| 100 (4-Cyl.) 6 Jaw Rev. Clutch        | 1988-98 | BEL     | 9523034 and Up    | 11557             | 11567            | 11577        | 21820           |
| 100 High Altitude 6 Jaw Rev. Clutch   | 1988-93 | USA     | 0B209468 and Up   | 11555             | 11565            | 11575        | 21820           |
| 100 High Altitude 6 Jaw Rev. Clutch   | 1988-93 | BEL     | 9523034 and Up    | 11555             | 11565            | 11575        | 21820           |
| 115 (4-Cyl.) 3 Jaw Rev. Clutch        | 1988-93 | USA     | 0C100000 and Up   | 11556             | 11566            | 11576        | 21820           |
| 115 (4-Cyl.) 3 Jaw Rev. Clutch        | 1988-93 | BEL     | 9559771 and Up    | 11556             | 11566            | 11576        | 21820           |
| 115 High Altitude 3 Jaw Rev. Clutch   | 1989-93 | USA     | 0C100000 and Up   | 11550             | 11560            | 11570        | 21820           |
| 115 High Altitude 3 Jaw Rev. Clutch   | 1989-93 | BEL     | 9559771 and Up    | 11550             | 11560            | 11570        | 21820           |
| 115 (4-Cyl.) 6 Jaw Rev. Clutch        | 1989-93 | USA     | 0C100000 and Up   | 11557             | 11567            | 11577        | 21820           |
| 115 (4-Cyl.) 6 Jaw Rev. Clutch        | 1989-93 | BEL     | 9559771 and Up    | 11557             | 11567            | 11577        | 21820           |
| 115 High Altitude 6 Jaw Rev. Clutch   | 1989-93 | USA     | 0C100000 and Up   | 11555             | 11565            | 11575        | 21820           |
| 115 High Altitude 6 Jaw Rev. Clutch   | 1989-93 | BEL     | 9559771 and Up    | 11555             | 11565            | 11575        | 21820           |
| 125 (4-Cyl.) 3 Jaw Rev. Clutch        | 1994-98 | USA     | 0D283222 and Up   | 11556             | 11565            | 11576        | 21820           |
| 125 (4-Cyl.) 3 Jaw Rev. Clutch        | 1994-98 | BEL     | 9793577 and Up    | 11556             | 11565            | 11576        | 21820           |
| 125 High Altitude 3 Jaw Rev. Clutch   | 1994-98 | USA     | 0D283222 and Up   | 11550             | 11560            | 11570        | 21820           |
| 125 High Altitude 3 Jaw Rev. Clutch   | 1994-98 | BEL     | 9793577 and Up    | 11550             | 11560            | 11570        | 21820           |
| 125 (4-Cyl.) 6 Jaw Rev. Clutch        | 1994-98 | USA     | 0D283222 and Up   | 11557             | 11567            | 11577        | 21820           |
| 125 (4-Cyl.) 6 Jaw Rev. Clutch        | 1994-98 | BEL     | 9793577 and Up    | 11557             | 11567            | 11577        | 21820           |
| 125 High Altitude 6 Jaw Rev. Clutch   | 1994-98 | USA     | 0D283222 and Up   | 11555             | 11565            | 11575        | 21820           |
| 125 High Altitude 6 Jaw Rev. Clutch   | 1994-98 | BEL     | 9793577 and Up    | 11555             | 11565            | 11575        | 21820           |

# Mercury / Mariner / Force

## LOWER GEAR HOUSING GEARS APPLICATIONS

| Model                                                  | Year    | Country | Serial No. Range   | Complete Gear Set | Forward & Pinion | Reverse Gear | Forward Bearing |
|--------------------------------------------------------|---------|---------|--------------------|-------------------|------------------|--------------|-----------------|
| V-135 Std. Rotation, 2:1 Ratio, Ratcheting             | 1986-88 | USA     | 0A904646-0G437999  | 11660             | 11670            | 11680        | 21830           |
| V-135 Counter Rotation, Ratcheting                     | 1989-90 | USA     | 0C100861-0G437999  | -                 | -                | -            | 21830           |
| V-135 Std. Rotation, 2:1 Ratio, Non-Ratcheting         | 1997-04 | USA     | 0G438000 and Up    | -                 | -                | -            | 21820           |
| V-135 Counter Rotation, Non-Ratcheting                 | 1997-04 | USA     | 0G438000 and Up    | -                 | -                | -            | 21820           |
| V-135 DFI Std. Rotation, 2:1, Non-Ratcheting           | 1998-04 | USA     | 0G590000 and Up    | -                 | -                | -            | 21820           |
| V-135 DFI Counter Rotation, Non-Ratcheting             | 1998-04 | USA     | 0G590000 and Up    | -                 | -                | -            | -               |
| V-150 Std. Rotation, 2:1 Ratio, Ratcheting             | 1985    | USA     | 6616991-0A904645   | 11770             | 11780            | 11790        | 21830           |
| V-150 Std. Rotation, 2:1 Ratio, Ratcheting             | 1986-88 | USA     | 0A904646-0G437999  | 11660             | 11670            | 11680        | 21830           |
| V-150 Counter Rotation, 2:1, Ratcheting                | 1989-90 | USA     | 0C100861-0G437999  | -                 | -                | -            | 21820           |
| V-150 (XR4, MAG II) w/ 4-1/4" Dia. Torpedo             | 1988-91 | USA     | 0C239553-04303045  | -                 | -                | -            | 21830           |
| V-150 (XR4, MAG III) w/ 4-1/4" Dia. Torpedo            | 1988-91 | USA     | 0D082000-0G437999  | 11440             | 11450            | 11460        | 21830           |
| V-150 EFI Std. Rotation, 1.87:1, Ratcheting            | 1993-95 | USA     | 0D082000-0G437999  | 11440             | 11450            | 11460        | 21830           |
| V-150 EFI Counter Rotation, 1.87:1, Ratcheting         | 1993-95 | USA     | 0D082000-0G437999  | -                 | -                | N.L.A.       | -               |
| V-150 Std. Rotation, 2:1, Non-Ratcheting               | 1996-98 | USA     | 0G438000 and Up    | -                 | -                | -            | 21820           |
| V-150 Counter Rotation, Non-Ratcheting                 | 1996-98 | USA     | 0G438000 and Up    | -                 | -                | -            | -               |
| V-150 (XR6, MAG III) Std. Rot., 1.87:1, Non-Ratcheting | 1996-98 | USA     | 0G438000 and Up    | 11665             | 11675            | 11685        | 21820           |
| V-150 EFI Std. Rot., 1.87:1, Non-Ratcheting            | 1996-98 | USA     | 0G438000 and Up    | 11665             | 11675            | 11685        | 21820           |
| V-150 EFI Counter Rot., 1.87:1, Non-Ratcheting         | 1996-98 | USA     | 0G438000 and Up    | -                 | -                | -            | -               |
| V-150 DFI Std. Rot., 1.87:1, Non-Ratcheting            | 1998    | USA     | 0G590000 and Up    | 11665             | 11675            | 11685        | 21820           |
| V-150 DFI Counter Rot., 1.87:1, Non-Ratcheting         | 1998    | USA     | 0G590000 and Up    | -                 | -                | -            | -               |
| V-175 Std. Rot., w/ pre-load pin in drive shaft        | 1980-81 | USA     | 5393737-6618750    | 11770             | 11780            | 11790        | 21830           |
| V-175 Std. Rot., w/ pre-load pin in drive shaft        | 1980-81 | AUS     | 8064250 and Up     | 11770             | 11780            | 11790        | 21830           |
| V-175 Std. Rot., 1.87:1 Ratio, Ratcheting              | 1985-88 | USA     | 6618751-0G437999   | 11440             | 11450            | 11460        | 21830           |
| V-175 Counter Rot., 1.87:1 Ratio, Ratcheting           | 1985-88 | USA     | 6618751-0G437999   | -                 | -                | -            | 21830           |
| V-175 EFI Std. Rot., 1.87:1, Ratcheting                | 1991    | USA     | 0D000750-0G437999  | 11440             | 11450            | 11460        | 21830           |
| V-175 EFI Counter Rot., 1.87:1, Ratcheting             | 1991    | USA     | 0D082000-0G437999  | -                 | -                | -            | 21830           |
| V-175 Std. Rot., 1.87:1, Non-Ratcheting                | 1996-98 | USA     | 0G438000 and Up    | 11665             | 11675            | 11685        | 21820           |
| V-175 Counter Rot., 1.87:1, Non-Ratcheting             | 1996-98 | USA     | 0G438000 and Up    | -                 | -                | -            | 21820           |
| V-175 EFI Std. Rot., 1.87:1, Non-Ratcheting            | 1996-98 | USA     | 0G438000 and Up    | 11665             | 11675            | 11685        | 21820           |
| V-175 Counter Rot., 1.87:1, Non-Ratcheting             | 1996-98 | USA     | 0G438000 and Up    | -                 | -                | -            | 21820           |
| V-200 Std. Rot. w/ pre-load pin in drive shaft         | 1978-79 | USA     | 5393737-6073191    | 11770             | 11780            | 11790        | 21830           |
| V-200 Std. Rot. w/ pre-load pin in drive shaft         | 1980-81 | AUS     | 8061595-8065672    | 11770             | 11780            | 11790        | 21830           |
| V-200 Std. Rot. w/ pre-load pin in drive shaft         | 1982-84 | USA     | 6073192-6625220    | -                 | -                | -            | 21830           |
| V-200 Std. Rot., 1.87:1, Ratcheting                    | 1985-88 | USA     | 6625221-0C291519   | 11440             | 11450            | 11460        | 21830           |
| V-200 Counter Rot., 1.87:1, Ratcheting                 | 1989-90 | USA     | 0C100861-0G437999  | -                 | -                | N.L.A.       | N/A             |
| V-200 Std. Rot., 1.87:1, Ratcheting                    | 1991    | USA     | 0C291520-0G437999  | 11440             | 11450            | 11460        | 21830           |
| V-200 EFI Std. Rot., 1.87:1, Ratcheting                | 1989-90 | USA     | 0C100861-0C291519  | 11440             | 11450            | 11460        | 21830           |
| V-200 EFI Std. Rot., 1.87:1, Ratcheting                | 1991    | USA     | 0C291520-0G437999  | 11440             | 11450            | 11460        | 21830           |
| V-200 EFI Counter Rot., 1.87:1, Ratcheting             | 1992-95 | USA     | 0D082000-0G437999  | -                 | -                | -            | 21830           |
| V-200 DFI Std. Rot., 1.87:1, Ratcheting                | 1997-04 | USA     | 0G437999           | 11470             | 11480            | 11490        | 21590           |
| V-200 DFI Std. Rot., 1.75:1, Non-Ratcheting            | 1997    | USA     | 0G438000 and Up    | 11700             | 11710            | 11720        | 21820           |
| V-200 DFI Counter Rot., 1.75:1, Ratcheting             | 1997    | USA     | 0G386496-0G437999  | -                 | -                | -            | 21590           |
| V-200 Std. Rot., 1.87:1, Non-Ratcheting                | 1996-98 | USA     | 0G438000 and Up    | 11665             | 11675            | 11685        | 21820           |
| V-200 Counter Rot., 1.87:1, Non-Ratcheting             | 1996-98 | USA     | 0G438000 and Up    | -                 | -                | -            | 21820           |
| V-200 EFI Std. Rot., 1.87:1, Non-Ratcheting            | 1996-98 | USA     | 0G438000 and Up    | 11665             | 11675            | 11685        | 21820           |
| V-200 Counter Rot., 1.87:1, Non-Ratcheting             | 1996-98 | USA     | 0G438000 and Up    | -                 | -                | -            | 21820           |
| V-200 DFI Counter Rot., 1.75:1, Non-Ratcheting         | 1997    | USA     | 0G438000 and Up    | -                 | -                | -            | 21820           |
| 200 (3.0L) DFI Std. Rot., 1.75:1 Ratio                 | 1998    | USA     | 0G590000 and Up    | 11700             | 11710            | 11720        | 21820           |
| 200 (3.0L) Std. Rot., 1.75:1 Ratio                     | 1998    | USA     | 0G590000 and Up    | 11700             | 11710            | 11720        | 21820           |
| 225 (3.0L) DFI Std. Rot., 1.75:1 Ratio                 | 1998    | USA     | 0G590000 and Up    | 11700             | 11710            | 11720        | 21820           |
| 225 (3.0 Carb) Sea Pro Std. Rot., 1.62:1               | 1994-98 | USA     | 0G437999 and Below | 11312             | 11091            | 11013        | 21590/21593     |
| 225 (3.0 Carb) Sea Pro Std. Rot., 1.75:1               | 1994-98 | USA     | 0G437999 and Below | 11470             | 11480            | 11490        | 21590/21593     |
| V-220 Std. Rot., 1.87:1 Ratio                          | 1987-88 | USA     | B117316 and Up     | 11440             | 11450            | 11460        | 21830           |
| V-225 Std. Rot., w/ pre-load pin in drive shaft        | 1980-81 | USA     | 5628028 and Up     | -                 | -                | -            | 21830           |
| 225 (3.0 Carb) Std. Rot., 1.62:1 Ratio                 | 1994-98 | USA     | 0D280813 and Up    | 11312             | 11091            | 11013        | 21590/21593     |
| 225 (3.0L) EFI Std. Rot., 1.75:1 Ratio                 | 1995-98 | USA     | 0G129222-0G437999  | 11470             | 11480            | 11490        | 21820           |
| 225 (3.0L) EFI Std. Rot., 1.75:1 Ratio                 | 1995-98 | USA     | 0G438000 and Up    | 11700             | 11710            | 11720        | 21820           |
| 225 (3.0L) EFI Std. Rot., 1.87:1 Ratio                 | 1995-98 | USA     | 0G438000 and Up    | 11730             | 11740            | 11750        | 21820           |
| 250 (3.0L) EFI Std. Rot., 1.75:1 Ratio                 | 1995-98 | USA     | 0G129222-0G437999  | 11700             | 11710            | 11720        | 21820           |
| 250 (3.0L) EFI Std. Rot., 1.75:1 Ratio                 | 1995-98 | USA     | 0G438000 and Up    | 11700             | 11710            | 11720        | 21820           |
| 250 (3.0L) EFI Std. Rot., 1.87:1 Ratio                 | 1995-98 | USA     | 0G438000 and Up    | 11730             | 11740            | 11750        | 21820           |
| 250 / 275 Std. Rotation                                | 1989-94 | USA     | C101891 and Up     | -                 | -                | -            | 21590           |



## Section 4

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### Mercury / Mariner / Force Gearcase Shift Components

|                                                                |       |
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# Mercury / Mariner / Force

## SHIFT COMPONENTS - 25-50 HP (2 & 3-CYL.)

### No. 11047

SPRING

OEM: 24-38114

**NEW**



### No. 21106

CROSS PIN

OEM: 17-85093

**NEW**



### No. 11066

CLUTCH DOG

OEM: 52-812314T



### No. 21019

CABLE TIE

OEM: 823548



### No. 89083

BOOT

OEM: 822158



### No. 82230

O-RING

OEM: 25-26855



### No. 45230

O-RING

OEM: 25-85594



### No. 21490

WASHER

OEM: 12-29245



### No. 11186

CAM FOLLOWER

OEM: 821578

**NEW**



### No. 11046

SPRING

OEM: 24-826199-1

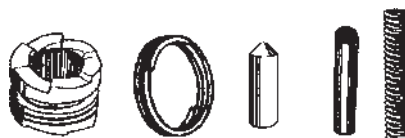
**NEW**



### No. 11950

CLUTCH & CAM  
FOLLOWER KIT  
OEM: 52-803486T1

**NEW**



## SHIFT COMPONENTS - 35-70 HP (2, 3 & 4-CYL.)

### No. 11047

SPRING

OEM: 24-38114

**NEW**



### No. 21107

CROSS PIN

OEM: 17-38113

**NEW**



### No. 11065

CLUTCH DOG

OEM: 52-92911T



### No. 30030

GASKET

OEM: 12-77674



### No. 85581

OIL SEAL

OEM: 26-816464-1



### No. 21020

BUSHING

ASSEMBLY

OEM: 23-77631A2



### No. 11187

CAM FOLLOWER

OEM: 38441

**NEW**



### No. 21091

SLIDE

OEM: 20843

**NEW**



### No. 11184

SHIFT CAM

OEM: 76039-4



### No. 11049

SPRING

OEM: 24-39845

**NEW**



### No. 81180

O-RING

OEM: 25-25439



### No. 21136

RETAINING RING

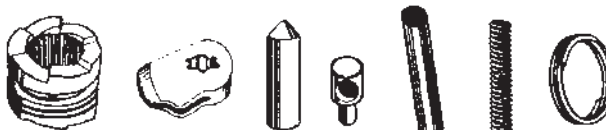
OEM: 53-29641



### No. 11960

CLUTCH & CAM  
FOLLOWER KIT  
OEM: 52-803492T1

**NEW**



# Mercury / Mariner / Force

## SHIFT COMPONENTS - 50, 55, 60 HP (3-CYL.)

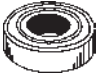
**No. 11050** SPRING  
OEM: 24-30893

**No. 21107** CROSS PIN  
OEM: 17-38113

**No. 11063** CLUTCH DOG  
OEM: 52-850048T



**No. 85581** OIL SEAL  
OEM: 26-816464-1



**No. 21022** BUSHING  
ASSEMBLY  
OEM: 23-813696A2



**No. 11188** CAM FOLLOWER  
OEM: 812929-1

**No. 21091** SLIDE  
OEM: 20843

**No. 11184** SHIFT CAM  
OEM: 76039-4

**No. 11048** SPRING  
OEM: 24-815418



**No. 81200** O-RING  
OEM: 25-45258



**No. 21136** RETAINING RING  
OEM: 53-29641



**No. 11940** CLUTCH & CAM  
FOLLOWER KIT  
OEM: 52-803487T1



## SHIFT COMPONENTS - 55, 60-125 HP (3 & 4-CYL.)

**No. 11050** SPRING  
OEM: 24-30893

**No. 21131** CROSS PIN  
OEM: 17-30632

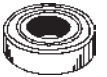


**No. 11061** CLUTCH DOG  
3 JAW  
OEM: 52-822539T

**No. 11063** CLUTCH DOG  
6 JAW  
OEM: 52-850048T



**No. 85581** OIL SEAL  
OEM: 26-816464-1



**No. 21024** BUSHING  
ASSEMBLY  
OEM: 23-43052A4



**No. 11034** SPRING  
3 JAW  
OEM: 24-30622

**No. 11036** SPRING  
6 JAW  
OEM: 24-850327



**No. 11182** CAM FOLLOWER KIT  
OEM: 850315A1

**No. 11184** SHIFT CAM  
3 JAW  
OEM: 76039-4

**No. 11185** SHIFT CAM  
6 JAW  
OEM: 850307



**No. 81275** O-RING  
OEM: 25-45710-1



**No. 21136** RETAINING RING  
OEM: 53-29641



**No. 11900** CLUTCH & CAM  
FOLLOWER KIT - 3 JAW  
OEM: 52-803488T1



**No. 11910** CLUTCH & CAM  
FOLLOWER KIT - 6 JAW  
OEM: 52-803489T1



# Mercury / Mariner / Force

## SHIFT COMPONENTS - L4, L6 & V6

### No. 11050

SPRING  
OEM: 24-30893  
For 11060, 11061, 11064



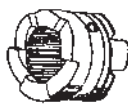
### No. 11060

CLUTCH DOG  
OEM: 52-853594T



### No. 11061

CLUTCH DOG  
OEM: 52-822539T



### No. 11064

CLUTCH DOG  
OEM: 52-859340T



### No. 26420

ROD KIT  
OEM: 79911A1



### No. 11180

CAM FOLLOWER KIT  
OEM: 89594A1



### No. 30030

GASKET  
OEM: 12-77674



### No. 85581

OIL SEAL  
OEM: 26-816464-1



### No. 21020

BUSHING  
ASSEMBLY  
OEM: 23-77631A2



### No. 81180

O-RING  
OEM: 25-25439



### No. 21136

RETAINING RING  
OEM: 341280



### No. 21150

SHIFT SHAFT  
OEM: 76062A1



### No. 11059

SPRING  
OEM: 24-78962  
For 11062



### No. 11062

CLUTCH DOG  
OEM: 52-823174T



### No. 21131

CROSS PIN  
OEM: 17-30632  
For 11050



### No. 21102

CROSS PIN  
OEM: 17-78905  
For 11059



### No. 21103

DETENT PIN  
OEM: 17-78909



### No. 21104

DETENT PIN  
OEM: 17-828356



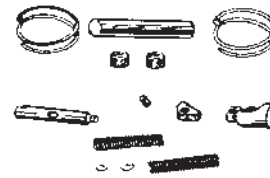
### No. 11920

CLUTCH & CAM  
FOLLOWER KIT W/  
RATCHETING CLUTCH  
OEM: 52-803490T1



### No. 11930

CLUTCH & CAM  
FOLLOWER KIT W/  
NON-RATCHETING CLUTCH  
OEM: 52-803491T1



## SHIFT COMPONENTS - V6 (3.0L)

### No. 11050

SPRING  
OEM: 24-30893



### No. 21131

CROSS PIN  
OEM: 17-30632



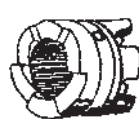
### No. 11060

CLUTCH DOG  
OEM: 52-853594T



### No. 11064

CLUTCH DOG  
OEM: 52-859340T



### No. 21104

DETENT PIN  
OEM: 17-828356



### No. 11030

SHIFT SPOOL  
OEM: 818349T1



### No. N/A

SHIFT CRANK  
OEM: 823903



### No. 30030

GASKET  
OEM: 12-77674



### No. 85581

OIL SEAL  
OEM: 26-816464-1



### No. 21018

BUSHING  
ASSEMBLY  
OEM: 23-815921A4



### No. 81175

O-RING  
OEM: 25-36318



# Mercury / Mariner / Force

## SHIFT COMPONENTS APPLICATIONS

| Model                                 | Year    | Country | Serial No. Range  | Clutch/Cam Follower Kit | Clutch Dog |
|---------------------------------------|---------|---------|-------------------|-------------------------|------------|
| 40 (4-Cyl.)                           | 1989-Up | USA     | 0C159200 and Up   | 11960                   | 11065      |
| 40 (4-Cyl.)                           | 1989-Up | BEL     | 9570790 and Up    | 11960                   | 11065      |
| 45 (4-Cyl.)                           | 1986    | USA     | 5531630 and Up    | 11960                   | 11065      |
| 45 (4-Cyl.)                           | 1986    | AUS     | 8063985 and Up    | 11960                   | 11065      |
| 45 (4-Cyl.)                           | 1986    | BEL     | 9248006 and Up    | 11960                   | 11065      |
| 45 (4-Cyl.)                           | 1986    | CAN     | 7143688 and Up    | 11960                   | 11065      |
| 50 (4-Cyl.)                           | 1980-85 | USA     | 5531630 and Up    | 11960                   | 11065      |
| 50 (4-Cyl.)                           | 1980-85 | AUS     | 8063985 and Up    | 11960                   | 11065      |
| 50 (4-Cyl.)                           | 1980-85 | BEL     | 9248006 and Up    | 11960                   | 11065      |
| 50 (4-Cyl.)                           | 1980-85 | CAN     | 7143688 and Up    | 11960                   | 11065      |
| 40 (3-Cyl.)                           | 1997-98 | USA     | 0G531301 and Up   | 11950                   | 11066      |
| 40 (3-Cyl.)                           | 1997-98 | BEL     | 9973100 and Up    | 11950                   | 11066      |
| 50 (3-Cyl.)                           | 1991-95 | USA     | 0D000750-0G589999 | 11940                   | 11063      |
| 50 (3-Cyl.)                           | 1991-95 | BEL     | 9683055-9973099   | 11940                   | 11063      |
| 50 (3-Cyl.)                           | 1998    | USA     | 0G590000 and Up   | 11950                   | 11066      |
| 50 (3-Cyl.)                           | 1998    | BEL     | 9973100 and Up    | 11950                   | 11066      |
| 55 (3-Cyl.)                           | 1996    | USA     | 0D000750 and Up   | 11940                   | 11063      |
| 55 (3-Cyl.)                           | 1996    | BEL     | 9741042 and Up    | 11940                   | 11063      |
| 60 (3-Cyl.) Standard, Non Bigfoot     | 1991-95 | USA     | 0D000750 and Up   | 11940                   | 11063      |
| 60 (3-Cyl.) Standard, Non Bigfoot     | 1991-95 | BEL     | 9683055 and Up    | 11940                   | 11063      |
| 60 (3-Cyl.) 3 Jaw Rev. Clutch Bigfoot | 1991-95 | USA     | 0D000750-0G589999 | 11900                   | 11061      |
| 60 (3-Cyl.) 3 Jaw Rev. Clutch Bigfoot | 1991-95 | BEL     | 9683055-9973099   | 11900                   | 11061      |
| 60 (3-Cyl.) 6 Jaw Rev. Clutch Bigfoot | 1991-95 | USA     | 0D000750-0G589999 | 11910                   | 11063      |
| 60 (3-Cyl.) 6 Jaw Rev. Clutch Bigfoot | 1991-95 | BEL     | 9683055-9973099   | 11910                   | 11063      |
| 60 (3-Cyl.) 6 Jaw Rev. Clutch Bigfoot | 1998    | USA     | 590000 and Up     | 11910                   | 11063      |
| 60 (3-Cyl.) 6 Jaw Rev. Clutch Bigfoot | 1998    | BEL     | 9973100 and Up    | 11910                   | 11063      |
| 70 (3-Cyl.) 3 Jaw Rev. Clutch         | 1987    | USA     | 0A996142-0C221999 | 11900                   | 11061      |
| 70 (3-Cyl.) 3 Jaw Rev. Clutch         | 1987    | BEL     | 9483121-9589038   | 11900                   | 11061      |
| 70 (3-Cyl.) 6 Jaw Rev. Clutch         | 1987    | USA     | 0A996142-0C221999 | 11910                   | 11063      |
| 70 (3-Cyl.) 6 Jaw Rev. Clutch         | 1987    | BEL     | 9483121-9589038   | 11910                   | 11063      |
| 75 (3-Cyl.) 3 Jaw Rev. Clutch         | 1990-93 | USA     | 0A996142 and Up   | 11900                   | 11061      |
| 75 (3-Cyl.) 3 Jaw Rev. Clutch         | 1990-93 | BEL     | 9483121 and Up    | 11900                   | 11061      |
| 75 (3-Cyl.) 6 Jaw Rev. Clutch         | 1994-98 | USA     | 0A996142 and Up   | 11910                   | 11063      |
| 75 (3-Cyl.) 6 Jaw Rev. Clutch         | 1994-98 | BEL     | 9483121 and Up    | 11910                   | 11063      |
| 80 (3-Cyl.) 3 Jaw Rev. Clutch         | 1987    | USA     | 0A996142-0C221999 | 11900                   | 11061      |
| 80 (3-Cyl.) 3 Jaw Rev. Clutch         | 1987    | BEL     | 9483121-9589038   | 11900                   | 11061      |
| 80 (3-Cyl.) 6 Jaw Rev. Clutch         | 1987    | USA     | 0A996142-0C221999 | 11910                   | 11063      |
| 80 (3-Cyl.) 6 Jaw Rev. Clutch         | 1987    | BEL     | 9483121-9589038   | 11910                   | 11063      |
| 90 (3-Cyl.) 3 Jaw Rev. Clutch         | 1987    | USA     | 0A996142 and Up   | 11900                   | 11061      |
| 90 (3-Cyl.) 3 Jaw Rev. Clutch         | 1987    | BEL     | 9483121 and Up    | 11900                   | 11061      |
| 90 (3-Cyl.) 6 Jaw Rev. Clutch         | 1987    | USA     | 0A996142 and Up   | 11910                   | 11063      |
| 90 (3-Cyl.) 6 Jaw Rev. Clutch         | 1987    | BEL     | 9483121 and Up    | 11910                   | 11063      |
| 100 (4-Cyl.) 3 Jaw Rev. Clutch        | 1988-93 | USA     | 0B209468 and Up   | 11900                   | 11061      |
| 100 (4-Cyl.) 3 Jaw Rev. Clutch        | 1988-93 | BEL     | 9523034 and Up    | 11900                   | 11061      |
| 100 High Altitude 3 Jaw Rev. Clutch   | 1988-93 | USA     | 0B209468 and Up   | 11900                   | 11061      |
| 100 High Altitude 3 Jaw Rev. Clutch   | 1988-93 | BEL     | 9523034 and Up    | 11900                   | 11061      |
| 100 (4-Cyl.) 6 Jaw Rev. Clutch        | 1988-98 | USA     | 0B209468 and Up   | 11910                   | 11063      |
| 100 (4-Cyl.) 6 Jaw Rev. Clutch        | 1988-98 | BEL     | 9523034 and Up    | 11910                   | 11063      |
| 100 High Altitude 6 Jaw Rev. Clutch   | 1988-93 | USA     | 0B209468 and Up   | 11910                   | 11063      |
| 100 High Altitude 6 Jaw Rev. Clutch   | 1988-93 | BEL     | 9523034 and Up    | 11910                   | 11063      |
| 115 (4-Cyl.) 3 Jaw Rev. Clutch        | 1988-93 | USA     | 0C100000 and Up   | 11900                   | 11061      |
| 115 (4-Cyl.) 3 Jaw Rev. Clutch        | 1988-93 | BEL     | 9559771 and Up    | 11900                   | 11061      |
| 115 High Altitude 3 Jaw Rev. Clutch   | 1989-93 | USA     | 0C100000 and Up   | 11900                   | 11061      |
| 115 High Altitude 3 Jaw Rev. Clutch   | 1989-93 | BEL     | 9559771 and Up    | 11900                   | 11061      |
| 115 (4-Cyl.) 6 Jaw Rev. Clutch        | 1989-93 | USA     | 0C100000 and Up   | 11910                   | 11063      |
| 115 (4-Cyl.) 6 Jaw Rev. Clutch        | 1989-93 | BEL     | 9559771 and Up    | 11910                   | 11063      |
| 115 High Altitude 6 Jaw Rev. Clutch   | 1989-93 | USA     | 0C100000 and Up   | 11910                   | 11063      |
| 115 High Altitude 6 Jaw Rev. Clutch   | 1989-93 | BEL     | 9559771 and Up    | 11910                   | 11063      |
| 125 (4-Cyl.) 3 Jaw Rev. Clutch        | 1994-98 | USA     | 0D283222 and Up   | 11900                   | 11061      |
| 125 (4-Cyl.) 3 Jaw Rev. Clutch        | 1994-98 | BEL     | 9793577 and Up    | 11900                   | 11061      |
| 125 High Altitude 3 Jaw Rev. Clutch   | 1994-98 | USA     | 0D283222 and Up   | 11900                   | 11061      |
| 125 High Altitude 3 Jaw Rev. Clutch   | 1994-98 | BEL     | 9793577 and Up    | 11900                   | 11061      |
| 125 (4-Cyl.) 6 Jaw Rev. Clutch        | 1994-98 | USA     | 0D283222 and Up   | 11910                   | 11063      |
| 125 (4-Cyl.) 6 Jaw Rev. Clutch        | 1994-98 | BEL     | 9793577 and Up    | 11910                   | 11063      |
| 125 High Altitude 6 Jaw Rev. Clutch   | 1994-98 | USA     | 0D283222 and Up   | 11910                   | 11063      |
| 125 High Altitude 6 Jaw Rev. Clutch   | 1994-98 | BEL     | 9793577 and Up    | 11910                   | 11063      |

# Mercury / Mariner / Force

## SHIFT COMPONENTS APPLICATIONS

| Model                                                  | Year    | Country | Serial No. Range   | Clutch/Cam Follower Kit | Clutch Dog |
|--------------------------------------------------------|---------|---------|--------------------|-------------------------|------------|
| V-135 Std. Rotation, 2:1 Ratio, Ratcheting             | 1986-88 | USA     | 0A904646-0G437999  | 11920                   | 11062      |
| V-135 Counter Rotation, Ratcheting                     | 1989-90 | USA     | 0C100861-0G437999  | 11920                   | 11062      |
| V-135 Std. Rotation, 2:1 Ratio, Non-Ratcheting         | 1997-04 | USA     | 0G438000 and Up    | 11930                   | 11064      |
| V-135 Counter Rotation, Non-Ratcheting                 | 1997-04 | USA     | 0G438000 and Up    | 11930                   | 11064      |
| V-135 DFI Std. Rotation, 2:1, Non-Ratcheting           | 1998-04 | USA     | 0G590000 and Up    | 11930                   | 11064      |
| V-135 DFI Counter Rotation, Non-Ratcheting             | 1998-04 | USA     | 0G590000 and Up    | 11930                   | 11064      |
| V-150 Std. Rotation, 2:1 Ratio, Ratcheting             | 1985    | USA     | 6616991-0A904645   | 11920                   | 11062      |
| V-150 Std. Rotation, 2:1 Ratio, Ratcheting             | 1986-88 | USA     | 0A904646-0G437999  | 11920                   | 11062      |
| V-150 Counter Rotation, 2:1, Ratcheting                | 1989-90 | USA     | 0C100861-0G437999  | 11920                   | 11062      |
| V-150 (XR4, MAG II) w/ 4-1/4" Dia. Torpedo             | 1988-91 | USA     | 0C239553-04303045  | 11900                   | 11061      |
| V-150 (XR4, MAG III) w/ 4-1/4" Dia. Torpedo            | 1988-91 | USA     | 0D082000-0G437999  | 11920                   | 11062      |
| V-150 EFI Std. Rotation, 1.87:1, Ratcheting            | 1993-95 | USA     | 0D082000-0G437999  | 11920                   | 11062      |
| V-150 EFI Counter Rotation, 1.87:1, Ratcheting         | 1993-95 | USA     | 0D082000-0G437999  | 11920                   | 11062      |
| V-150 Std. Rotation, 2:1, Non-Ratcheting               | 1996-98 | USA     | 0G438000 and Up    | 11930                   | 11064      |
| V-150 Counter Rotation, Non-Ratcheting                 | 1996-98 | USA     | 0G438000 and Up    | 11930                   | 11064      |
| V-150 (XR6, MAG III) Std. Rot., 1.87:1, Non-Ratcheting | 1996-98 | USA     | 0G438000 and Up    | 11930                   | 11064      |
| V-150 EFI Std. Rot., 1.87:1, Non-Ratcheting            | 1996-98 | USA     | 0G438000 and Up    | 11930                   | 11064      |
| V-150 EFI Counter Rot., 1.87:1, Non-Ratcheting         | 1996-98 | USA     | 0G438000 and Up    | 11930                   | 11064      |
| V-150 DFI Std. Rot., 1.87:1, Non-Ratcheting            | 1998    | USA     | 0G590000 and Up    | 11930                   | 11064      |
| V-150 DFI Counter Rot., 1.87:1, Non-Ratcheting         | 1998    | USA     | 0G590000 and Up    | 11930                   | 11064      |
| V-175 Std. Rot., w/ pre-load pin in drive shaft        | 1980-81 | USA     | 5393737-6618750    | 11920                   | 11062      |
| V-175 Std. Rot., w/ pre-load pin in drive shaft        | 1980-81 | AUS     | 8064250 and Up     | 11920                   | 11062      |
| V-175 Std. Rot., 1.87:1 Ratio, Ratcheting              | 1985-88 | USA     | 6618751-0G437999   | 11920                   | 11062      |
| V-175 Counter Rot., 1.87:1 Ratio, Ratcheting           | 1985-88 | USA     | 6618751-0G437999   | 11920                   | 11062      |
| V-175 EFI Std. Rot., 1.87:1, Ratcheting                | 1991    | USA     | 0D000750-0G437999  | 11920                   | 11062      |
| V-175 EFI Counter Rot., 1.87:1, Ratcheting             | 1991    | USA     | 0D082000-0G437999  | 11920                   | 11062      |
| V-175 Std. Rot., 1.87:1, Non-Ratcheting                | 1996-98 | USA     | 0G438000 and Up    | 11920                   | 11062      |
| V-175 Counter Rot., 1.87:1, Non-Ratcheting             | 1996-98 | USA     | 0G438000 and Up    | 11930                   | 11064      |
| V-175 EFI Std. Rot., 1.87:1, Non-Ratcheting            | 1996-98 | USA     | 0G438000 and Up    | 11930                   | 11064      |
| V-175 Counter Rot., 1.87:1, Non-Ratcheting             | 1996-98 | USA     | 0G438000 and Up    | 11930                   | 11064      |
| V-200 Std. Rot. w/ pre-load pin in drive shaft         | 1978-79 | USA     | 5393737-6073191    | 11920                   | 11062      |
| V-200 Std. Rot. w/ pre-load pin in drive shaft         | 1980-81 | AUS     | 8061595-8065672    | 11920                   | 11062      |
| V-200 Std. Rot. w/ pre-load pin in drive shaft         | 1982-84 | USA     | 6073192-6625220    | 11920                   | 11062      |
| V-200 Std. Rot., 1.87:1, Ratcheting                    | 1985-88 | USA     | 6625221-0C291519   | 11920                   | 11062      |
| V-200 Counter Rot., 1.87:1, Ratcheting                 | 1989-90 | USA     | 0C100861-0G437999  | 11920                   | 11062      |
| V-200 Std. Rot., 1.87:1, Ratcheting                    | 1991    | USA     | 0C291520-0G437999  | 11920                   | 11062      |
| V-200 EFI Std. Rot., 1.87:1, Ratcheting                | 1989-90 | USA     | 0C100861-0C291519  | 11920                   | 11062      |
| V-200 EFI Std. Rot., 1.87:1, Ratcheting                | 1991    | USA     | 0C291520-0G437999  | 11920                   | 11062      |
| V-200 EFI Counter Rot., 1.87:1, Ratcheting             | 1992-95 | USA     | 0D082000-0G437999  | 11920                   | 11062      |
| V-200 DFI Std. Rot., 1.87:1, Ratcheting                | 1997-04 | USA     | 0G437999           | 11920                   | 11062      |
| V-200 DFI Std. Rot., 1.75:1, Non-Ratcheting            | 1997    | USA     | 0G438000 and Up    | 11930                   | 11064      |
| V-200 DFI Counter Rot., 1.75:1, Ratcheting             | 1997    | USA     | 0G386496-0G437999  | 11920                   | 11062      |
| V-200 Std. Rot., 1.87:1, Non-Ratcheting                | 1996-98 | USA     | 0G438000 and Up    | 11930                   | 11064      |
| V-200 Counter Rot., 1.87:1, Non-Ratcheting             | 1996-98 | USA     | 0G438000 and Up    | 11930                   | 11064      |
| V-200 EFI Std. Rot., 1.87:1, Non-Ratcheting            | 1996-98 | USA     | 0G438000 and Up    | 11930                   | 11064      |
| V-200 Counter Rot., 1.87:1, Non-Ratcheting             | 1996-98 | USA     | 0G438000 and Up    | 11930                   | 11064      |
| V-200 DFI Counter Rot., 1.75:1, Non-Ratcheting         | 1997    | USA     | 0G438000 and Up    | 11930                   | 11064      |
| 200 (3.0L) DFI Std. Rot., 1.75:1 Ratio                 | 1998    | USA     | 0G590000 and Up    | -                       | 11060      |
| 200 (3.0L) Std. Rot., 1.75:1 Ratio                     | 1998    | USA     | 0G590000 and Up    | -                       | 11060      |
| 225 (3.0L) DFI Std. Rot., 1.75:1 Ratio                 | 1998    | USA     | 0G590000 and Up    | -                       | 11060      |
| 225 (3.0 Carb) Sea Pro Std. Rot., 1.62:1               | 1994-98 | USA     | 0G437999 and Below | -                       | 11060      |
| 225 (3.0 Carb) Sea Pro Std. Rot., 1.75:1               | 1994-98 | USA     | 0G437999 and Below | -                       | 11060      |
| V-220 Std. Rot., 1.87:1 Ratio                          | 1987-88 | USA     | B117316 and Up     | -                       | 11060      |
| V-225 Std. Rot., w/ pre-load pin in drive shaft        | 1980-81 | USA     | 5628028 and Up     | -                       | 11060      |
| 225 (3.0 Carb) Std. Rot., 1.62:1 Ratio                 | 1994-98 | USA     | 0D280813 and Up    | -                       | 11060      |
| 225 (3.0L) EFI Std. Rot., 1.75:1 Ratio                 | 1995-98 | USA     | 0G129222-0G437999  | -                       | 11060      |
| 225 (3.0L) EFI Std. Rot., 1.75:1 Ratio                 | 1995-98 | USA     | 0G438000 and Up    | -                       | 11060      |
| 225 (3.0L) EFI Std. Rot., 1.87:1 Ratio                 | 1995-98 | USA     | 0G438000 and Up    | -                       | 11060      |
| 250 (3.0L) EFI Std. Rot., 1.75:1 Ratio                 | 1995-98 | USA     | 0G129222-0G437999  | -                       | 11060      |
| 250 (3.0L) EFI Std. Rot., 1.75:1 Ratio                 | 1995-98 | USA     | 0G438000 and Up    | -                       | 11060      |
| 250 (3.0L) EFI Std. Rot., 1.87:1 Ratio                 | 1995-98 | USA     | 0G438000 and Up    | -                       | 11060      |
| 250 / 275 Std. Rotation                                | 1989-94 | USA     | C101891 and Up     | -                       | 11060      |

## Section 5

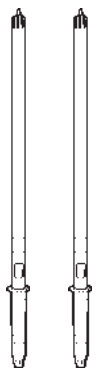
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### Mercury / Mariner / Force Drive Shaft and Propeller Shaft Components

|                                                                                     |           |
|-------------------------------------------------------------------------------------|-----------|
| <i>Drive Shaft Components - Pre-Load Pin Type Drive Shaft .....</i>                 | <i>56</i> |
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# Mercury / Mariner / Force

## DRIVE SHAFT COMPONENTS

| Pre-Load Pin Type Drive Shaft                                                                                                                                                                                                            | Retaining Nut Type Drive Shaft                                                                                                                                     | Non-Retaining Nut Type Drive Shaft                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>No. 11165</b><br/>DRIVE SHAFT (LONG)<br/>OEM: 45-98180</p> <p><b>No. 11166</b><br/>DRIVE SHAFT (LONG)<br/>OEM: 45-76088A2</p>  <p>11165 11166</p> | <p><b>No. 11167</b><br/>DRIVE SHAFT (LONG)<br/>OEM: 45-812731</p>                 | <p><b>No. 11160</b><br/>DRIVE SHAFT (LONG)<br/>OEM: 45-43031A1</p> <p><b>No. 11164</b><br/>DRIVE SHAFT (LONG)<br/>OEM: 45-826736A1</p>  <p>11160 11164</p> |
| <p><b>No. 21585</b><br/>BEARING<br/>OEM: 31-77420A1</p>  <p><b>NEW</b></p>                                                                              | <p><b>No. 23208</b><br/>RETAINING NUT<br/>OEM: 11-812820-1</p>  <p><b>NEW</b></p> | <p><b>No. 22960</b><br/>BEARING<br/>OEM: 31-42677A1</p>                                                                                                    |
| <p><b>No. 23225</b><br/>SHIM SET<br/>OEM: 15-92881A1</p>  <p><b>NEW</b></p>                                                                            | <p><b>No. 21585</b><br/>BEARING<br/>OEM: 31-77420A1</p>  <p><b>NEW</b></p>       | <p><b>No. 23222</b><br/>SHIM SET<br/>OEM: 15-44492A1</p>                                                                                                  |
| <p><b>No. N/A</b><br/>PINION BEARING<br/>OEM: 31-62091</p>                                                                                            | <p><b>No. 23223</b><br/>SHIM SET<br/>OEM: 15-812769A1</p>                       | <p>See Section 3<br/>for Gear Sets</p>                                                                                                                   |
| <p>See Section 3<br/>for Gear Sets</p>                                                                                                                | <p><b>No. N/A</b><br/>PINION BEARING<br/>OEM: 31-812768</p>                     | <p><b>No. 11190</b><br/>PINION NUT<br/>OEM: 11-35921</p>                                                                                                 |
| <p><b>No. 11192</b><br/>PINION NUT<br/>OEM: 11-55910</p>                                                                                              | <p>See Section 3<br/>for Gear Sets</p>                                          |                                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                                          | <p><b>No. 11192</b><br/>PINION NUT<br/>OEM: 11-55910</p>                        |                                                                                                                                                                                                                                               |

# Mercury / Mariner / Force

## DRIVE SHAFT COMPONENTS

### Alpha Gearcase for L4, L6 & V6 (65-225 HP)

#### No. 11161

DRIVE SHAFT  
OEM: 45-44000-1



11161

#### No. 11162

DRIVE SHAFT  
OEM: 45-42646



11162

#### No. 11163

DRIVE SHAFT  
W/ PRE-LOAD PIN  
OEM: 45-98682A1



11163

#### No. 23200

RETAINING NUT  
OEM: 824519-1



#### No. 21580\*

BEARING -  
For use with No.11161  
OEM: 31-36387A1



#### No. 22980\*

BEARING -  
For use with No.11162  
OEM: 31-69220T

#### No. 21570\*

BEARING -  
For use with No.11163  
OEM: 31-53079A1

#### No. 23210

SHIM SET  
OEM: 15-42637A1



#### No. 21610\*\*

PINION BEARING -  
For use with  
No.11161  
OEM: 31-42647A1



#### No. 22780\*\*

PINION BEARING -  
For use with  
No.11162 & 11163  
OEM: 31-32898T

See Section 3 for Gear Sets

#### No. 32800

WASHER  
OEM: 312-92721



#### No. 11190

PINION NUT  
OEM: 11-35921



#### NOTE:

\* For Drive Shaft No. 11161 use Bearing No. 21580.  
For Drive Shaft No. 11162 use Bearing No. 22980.  
For Drive Shaft No. 11163 use Bearing No. 21570.

\*\* For Drive Shaft No. 11161 use Pinion Bearing No. 21610.  
For Drive Shaft No. 11162 & 11163 use Pinion Bearing No. 22780.

### Late Alpha Gearcase for V6 3.0L

#### No. 11140

DRIVE SHAFT  
OEM: 45-816472



#### No. 23200

RETAINING NUT  
OEM: 824519-1



#### No. 21580

BEARING  
OEM: 31-36387A1



#### No. 23210

SHIM SET  
OEM: 15-42637A1



#### No. 21610

PINION BEARING  
OEM: 31-42647A1



See Section 3  
for Gear Sets



#### No. 32800

WASHER  
OEM: 312-92721



#### No. 11190

PINION NUT  
OEM: 11-35921



# Mercury / Mariner / Force

## PROP SHAFT COMPONENTS - 25, 30, 40, 50 HP (2 & 3-CYL.)

### Late Small Gearcase

#### No. 11428

PROP SHAFT  
BEARING  
OEM: 31-21700



#### No. 21628

REVERSE GEAR  
BEARING  
OEM: 30-20839T



See Section  
3 for Gears



#### No. 11426

FORWARD GEAR  
INSIDE BEARING  
OEM: 31-41326



#### No. 21581

FORWARD GEAR  
OUTSIDE BEARING  
OEM: 31-99328A1



#### No. 85520

PROP SHAFT  
OUTER SEAL  
OEM: 26-69189



#### No. 85120

PROP SHAFT  
INNER SEAL  
OEM: 26-69188



#### No. 11394

BEARING CARRIER  
W/ BEARINGS & SEALS  
OEM: 19291A3



#### No. 82310

O-RING FOR  
BEARING CARRIER  
OEM: 25-815460



#### No. N/A

PROP SHAFT  
OEM: 44-821577-2



## PROP SHAFT COMPONENTS - 35-70 HP (2, 3 & 4-CYL.)

### Small Gearcase

#### No. 11428

PROP SHAFT  
BEARING  
OEM: 31-21700



#### No. 21628

REVERSE GEAR  
BEARING  
OEM: 30-20839T



See Section  
3 for Gears



#### No. 11427

FORWARD GEAR  
INSIDE BEARING  
OEM: 31-21739



#### No. 21630

FORWARD GEAR  
OUTSIDE BEARING  
OEM: 31-38356A1



#### No. 23226

SHIM SET  
OEM: 15-38374A1



#### No. 85520

PROP SHAFT  
OUTER SEAL  
OEM: 26-69189



#### No. 85120

PROP SHAFT  
INNER SEAL  
OEM: 26-69188



#### No. 11382

BEARING CARRIER  
W/ BEARINGS & SEALS  
OEM: 69386A1



#### No. 83345

O-RING FOR  
BEARING CARRIER  
OEM: 25-31986



#### No. 11156

PROP SHAFT  
OEM: 44-75365



# Mercury / Mariner / Force

## PROP SHAFT COMPONENTS - 50, 55, 60 HP (3-CYL.)

Late Small Gearcase (3.44in/87.38mm Torpedo Dia.)

**No. 11428**

PROP SHAFT  
BEARING  
OEM: 31-21700



**No. 21628**

REVERSE GEAR  
BEARING  
OEM: 30-20839T



See Section  
3 for Gears



**No. 11427**

FORWARD GEAR  
INSIDE BEARING  
OEM: 31-21739



**No. 21820**

FORWARD GEAR  
OUTSIDE BEARING  
OEM: 31-30894A1



**No. 23224**

SHIM SET  
OEM: 15-812770A1



**No. 85520**

PROP SHAFT  
OUTER SEAL  
OEM: 26-69189



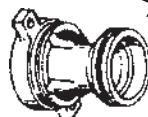
**No. 85120**

PROP SHAFT  
INNER SEAL  
OEM: 26-69188



**No. 11394**

BEARING CARRIER  
W/ BEARINGS & SEALS  
OEM: 19291A3



**No. 82310**

O-RING FOR  
BEARING CARRIER  
OEM: 25-815460



**No. N/A**

PROP SHAFT  
OEM: 44-14493



## PROP SHAFT COMPONENTS - 55, 60-125 HP (3 & 4-CYL.)

Late Large Gearcase (4.25in/107.95mm Torpedo Dia.) Bigfoot

**No. 11410**

PROP SHAFT  
BEARING  
OEM: 31-30956



**No. 22760**

REVERSE GEAR  
BEARING  
OEM: 30-12578T



**No. 21653**

THRUST WASHER  
REVERSE GEAR  
OEM: 12-12577



**No. 22750**

THRUST BEARING  
REVERSE GEAR  
OEM: 31-12576



See Section  
3 for Gears



**No. 11420**

FORWARD GEAR  
INSIDE BEARING  
OEM: 31-30895



**No. 21820**

FORWARD GEAR  
OUTSIDE BEARING  
OEM: 31-30894A1



**No. 23221**

SHIM SET  
OEM: 15-44491A1



**No. 85530**

PROP SHAFT  
OUTER SEAL  
OEM: 26-70081



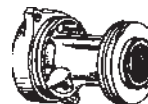
**No. 85130**

PROP SHAFT  
INNER SEAL  
OEM: 26-76868



**No. 11412**

BEARING CARRIER  
W/ BEARINGS & SEALS  
OEM: 12596T2



**No. 82390**

O-RING FOR  
BEARING CARRIER  
OEM: 25-97386



**No. 11153**

PROP SHAFT 3-JAW  
OEM: 44-75365

**No. 11155**

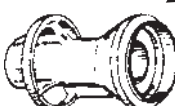
PROP SHAFT 6-JAW  
OEM: 44-850308



# Mercury / Mariner / Force

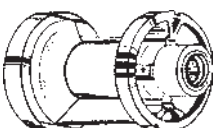
## PROP SHAFT COMPONENTS - L4, L6 & V6 (65-225 HP)

### Late Alpha Gearcase (4.75in/120.6mm Torpedo Dia.)

|                                                                                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>No. 11410</b><br>PROP SHAFT<br>BEARING<br>OEM: 31-30956                       | <b>No. 21620</b><br>REVERSE GEAR<br>BEARING<br>OEM: 30-88957T                     | See Section<br>3 for Gears                                                        | <b>No. 11430</b><br>FORWARD GEAR<br>INSIDE BEARING<br>OEM: 31-54928-1             | <b>No. 11420</b><br>FORWARD GEAR<br>INSIDE BEARING<br>OEM: 31-30895T              | <b>No. 21820</b><br>FORWARD GEAR<br>OUTSIDE BEARING<br>OEM: 31-30894A1             | <b>No. 21830</b><br>FORWARD GEAR<br>OUTSIDE BEARING<br>OEM: 31-78172A1              | <b>No. 23220</b><br>SHIM SET<br>OEM: 15-47397A1                                     |
|  |  |  |  |  |  |  |  |
|                                                                                  |                                                                                   |                                                                                   | <b>No. 85700</b><br>PROP SHAFT<br>OUTER SEAL<br>OEM: 26-12224                     | <b>No. 85130</b><br>PROP SHAFT<br>INNER SEAL<br>OEM: 26-76868                     | <b>No. 11396</b><br>BEARING CARRIER<br>W/ BEARINGS & SEALS<br>OEM: 43567T1         | <b>No. 83445</b><br>O-RING FOR<br>BEARING CARRIER<br>OEM: 25-896524                 |                                                                                     |
|                                                                                  |                                                                                   |                                                                                   |  |  |  |  |                                                                                     |
| <b>No. 11150</b><br>PROP SHAFT<br>OEM: 44-824110                                 |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
| <b>No. 11151</b><br>PROP SHAFT<br>OEM: 44-94148                                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
| <b>No. 11152</b><br>PROP SHAFT<br>OEM: 44-93003                                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |

## PROP SHAFT COMPONENTS - V6 3.0L (200 DFI, 225 CARB, 225 & 250 EFI)

### Late 3.0L Alpha Gen II Gearcase

|                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                              |                                                                                               |                                                                                              |                                                                                       |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>No. 11410</b><br>PROP SHAFT<br>BEARING<br>OEM: 31-30956                         | <b>No. 21620</b><br>REVERSE GEAR<br>BEARING<br>OEM: 30-88957T                       | <b>No. 23140</b><br>THRUST RING<br>OEM: 68100-1                                     | <b>No. 11420</b><br>FORWARD GEAR<br>INSIDE BEARING<br>OEM: 31-30895T                | <b>No. 21590</b><br>FORWARD GEAR<br>OUTSIDE BEARING<br>OEM: 31-35928A1<br>(For 1.65:1 Ratio) | <b>No. 21593</b><br>FORWARD GEAR<br>OUTSIDE BEARING<br>OEM: 31-828439A2<br>(For 1.62:1 Ratio) | <b>No. 21820</b><br>FORWARD GEAR<br>OUTSIDE BEARING<br>OEM: 31-30894A1<br>(For 1.75:1 Ratio) | <b>No. 23220</b><br>SHIM SET<br>OEM: 15-47397A1<br>(For 21590 Bearing)                |
|  |  |  |  |           |           |         | <b>No. 23221</b><br>SHIM SET<br>OEM: 15-44491A1<br>(For 21593, 21820<br>Gears)        |
|                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                              |                                                                                               |                                                                                              |  |
|                                                                                    | <b>No. 85700</b><br>PROP SHAFT<br>OUTER SEAL<br>OEM: 26-12224                       | <b>No. 85130</b><br>PROP SHAFT<br>INNER SEAL<br>OEM: 26-76868                       | <b>No. 11405</b><br>BEARING CARRIER<br>W/ BEARINGS & SEALS<br>OEM: 818763A11        | <b>No. 83445</b><br>O-RING FOR<br>BEARING CARRIER<br>OEM: 25-896524                          |                                                                                               |                                                                                              |                                                                                       |
|                                                                                    |  |  |  |          |                                                                                               |                                                                                              |                                                                                       |
| <b>No. 11150</b><br>PROP SHAFT<br>OEM: 44-824110                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                              |                                                                                               |                                                                                              |                                                                                       |

# Mercury / Mariner / Force

## UPPER DRIVE SHAFT IDENTIFICATION (20" TRANSOM)

### No. 11165

OEM: 45-98180  
35-70 HP Small Gearcase with Pre-Load Pin  
**Length:** 30"  
**Pinion Bearing Journal  $\varnothing$ :** 7/8"  
**Pinion Gear Splines:** 13

### No. 11167

OEM: 45-812731  
50, 55, 60 HP (3-Cyl.) Late Small Gearcase  
**Length:** 31-1/8"  
**Pinion Bearing Journal  $\varnothing$ :** 7/8"  
**Pinion Gear Splines:** 14

### No. 11160

OEM: 45-43031A1  
55, 60-125 HP (3 & 4-Cyl.) Late Large Gearcase  
**Length:** 31-7/8"  
**Pinion Bearing Journal  $\varnothing$ :** 1"  
**Pinion Gear Splines:** 17 (with Wear Sleeve Assy.)

### No. 11164

OEM: 45-826736A1  
55, 60-125 HP (3 & 4-Cyl.) Late Large Gearcase  
**Length:** 31-5/16"  
**Pinion Bearing Journal  $\varnothing$ :** 1"  
**Pinion Gear Splines:** 17 (with Wear Sleeve Assy.)

### No. 11166

OEM: 45-76088A2  
50, 65, 75 HP (3-Cyl.) Early Small Gearcase with Pre-Load Pin  
**Length:** 30"  
**Pinion Bearing Journal  $\varnothing$ :** 7/8"  
**Pinion Gear Splines:** 13

### No. 11161

OEM: 45-44000-1  
V6 Late Alpha Gearcase  
**Length:** 32-3/16"  
**Pinion Bearing Journal  $\varnothing$ :** 1-1/8"  
**Pinion Gear Splines:** 13

### No. 11162

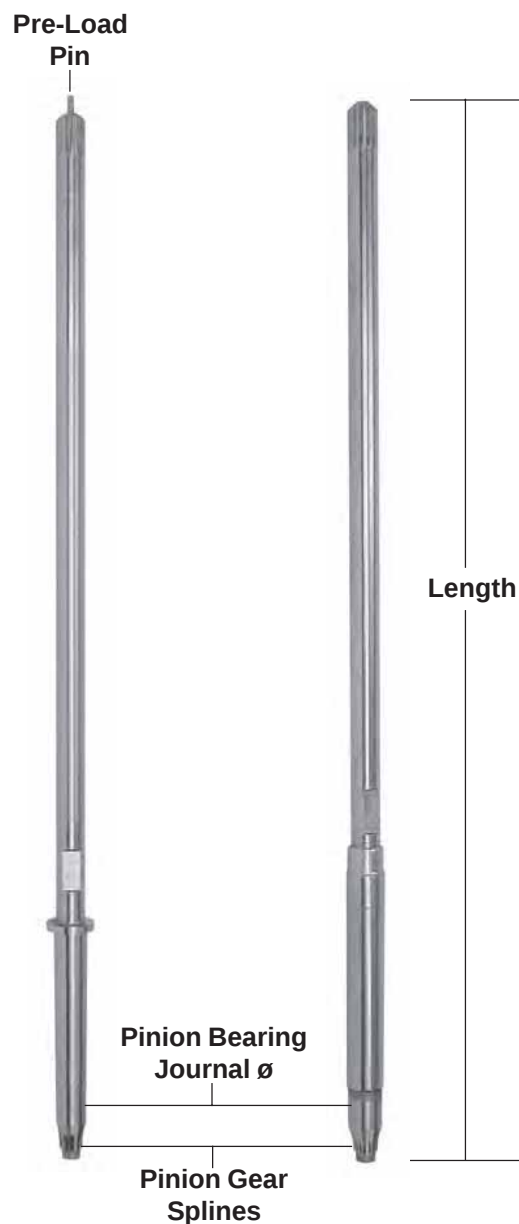
OEM: 45-42646  
Early Inline 6 Gearcase  
**Length:** 30-3/4"  
**Pinion Bearing Journal  $\varnothing$ :** 1"  
**Pinion Gear Splines:** 17

### No. 11163

OEM: 45-98682A1  
V6 Gearcase with Pre-Load Pin  
**Length:** 32-1/4"  
**Pinion Bearing Journal  $\varnothing$ :** 1"  
**Pinion Gear Splines:** 11

### No. 11140

OEM: 45-816472  
V6 (3.0L) Late Gearcase  
**Length:** 18-1/4"  
**Pinion Bearing Journal  $\varnothing$ :** 1-1/8"  
**Pinion Gear Splines:** 13



# Mercury / Mariner / Force

## PROP SHAFT IDENTIFICATION

### No. 11150

OEM: 44-824110  
Late 3.0L V6 Gearcase  
**Length:** 15-1/2"  
**Carrier Needle Bearing Journal  $\varnothing$ :** 1-3/16"  
**Prop Splines:** 15  
**Prop Thrust Washer:** No. 21301

### No. 11151

OEM: 44-94148  
Late V6 Alpha Gearcase  
**Length:** 15-1/2"  
**Carrier Needle Bearing Journal  $\varnothing$ :** 1-3/16"  
**Prop Splines:** 15  
**Prop Thrust Washer:** No. 21301

**DO NOT USE ON BASS  
TOURNAMENT BOAT  
ENGINES**

### No. 11152

OEM: 44-93003  
Early Inline 6 Gearcase  
**Length:** 15-1/4"  
**Carrier Needle Bearing Journal  $\varnothing$ :** 1-3/16"  
**Prop Splines:** 15  
**Prop Thrust Washer:** No. 21301

### No. 11153

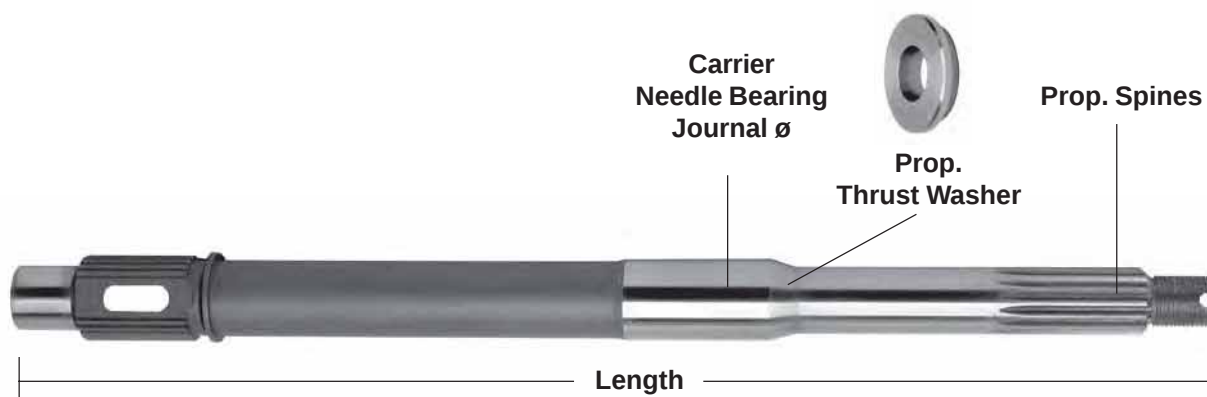
OEM: 44-12238T  
Late 3-Cyl., L4, V6, XR4, XR6 Gearcase  
**Length:** 15-1/2"  
**Carrier Needle Bearing Journal  $\varnothing$ :** 1-3/16"  
**Prop Splines:** 15  
**Prop Thrust Washer:** No. 21350

### No. 11155

OEM: 44-850308  
Late 3 & 4-Cyl. Gearcase  
**Length:** 15-1/2"  
**Carrier Needle Bearing Journal  $\varnothing$ :** 1-3/16"  
**Prop Splines:** 15  
**Prop Thrust Washer:** No. 21350

### No. 11156

OEM: 44-75365  
2, 3 & 4-Cyl. Small Gearcase  
**Length:** 12-1/2"  
**Carrier Needle Bearing Journal  $\varnothing$ :** 7/8"  
**Prop Splines:** 13  
**Prop Thrust Washer:** No. 21290



## Section 6

### Mercury / Mariner / Force Water Pumps

|                                                                                |       |
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# Mercury / Mariner / Force

## WATER PUMP IMPELLER AND KEY IDENTIFICATION

### Water Pump Impeller & Keys For All Models

These water pump impellers can be divided into two distinct groups.

High volume water pumps use long vane impellers.

High pressure water pumps use short vane impellers.

\*Keys are not included with impellers and need to be ordered separately.

#### High Volume / Long Vane Impellers

##### No. 89451

HIGH VOLUME / LONG VANE IMPELLER  
OEM: 47-42038Q02

See Water Pumps  
Application Guide for Models

**Outside:** ø 2.3125"  
**Inside:** ø .500"



##### No. N/A

KEY  
OEM: 28-42376A2

##### No. 89616

HIGH VOLUME / LONG VANE IMPELLER  
OEM: 47-19453T

See Water Pumps  
Application Guide for Models

**Outside:** ø 3.125"  
**Inside:** ø .75"



##### No. N/A

KEY  
OEM: 28-19699

##### No. 89640

HIGH VOLUME / LONG VANE IMPELLER  
OEM: 47-85089-10

See Water Pumps  
Application Guide for Models

**Outside:** ø 2.87  
**Inside:** ø .625"



##### No. N/A

KEY  
OEM: 28-85119

##### No. 89630

HIGH VOLUME / LONG VANE IMPELLER  
OEM: 47-43026T2

See Water Pumps  
Application Guide for Models

**Outside:** ø 3.50"  
**Inside:** ø .875"



##### No. 11071

KEY  
OEM: 28-43037  
\* Order Separately

##### No. 89890

HIGH VOLUME / LONG VANE IMPELLER  
OEM: 47-84797M

See Water Pumps  
Application Guide for Models

**Outside:** ø 2.736" (69.5mm)  
**Inside:** ø .630" (16mm)



##### No. N/A

KEY - HALF-MOON  
OEM: 28-81603M

#### High Pressure / Short Vane Impellers

##### No. 89830

HIGH PRESSURE / SHORT VANE IMPELLER  
OEM: 47-89983

See Water Pumps  
Application Guide for Models

**Outside:** ø 2.031"  
**Inside:** ø .75"



##### No. N/A

KEY  
OEM: 28-56662

##### No. 89840

HIGH PRESSURE / SHORT VANE IMPELLER  
OEM: 47-89994T4

See Water Pumps  
Application Guide for Models

**Outside:** ø 2.375"  
**Inside:** ø .875"



##### No. 11070

KEY  
OEM: 28-56654  
\* Order Separately

##### No. 89450

HIGH PRESSURE / SHORT VANE IMPELLER  
OEM: 47-803630T

See Water Pumps  
Application Guide for Models

**Outside:** ø 2.25"  
**Inside:** ø .8125"



##### No. 89597

KEY - STAINLESS STEEL HALF-MOON  
OEM: 28-F523498  
\* Order Separately

# Mercury / Mariner / Force

| WATER PUMP IMPELLERS                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| High Pressure / Short Vane Impellers                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>No. 89810</b><br>HIGH PRESSURE / SHORT VANE IMPELLER<br>OEM: 47-89981<br>See Water Pumps<br>Application Guide for Models<br><b>Outside:</b> ø 1.250"<br><b>Inside:</b> ø .456"<br><br><b>No. N/A</b><br>KEY<br>OEM: 28-56655<br>                            | <b>No. 89870</b><br>HIGH PRESSURE / SHORT VANE IMPELLER<br>OEM: 47-11590M<br>See Water Pumps<br>Application Guide for Models<br><b>Outside:</b> ø 1.575" (40mm)<br><b>Inside:</b> ø .453" (11.50mm)<br><br><b>No. N/A</b><br>KEY - HALF-MOON<br>OEM: 28-81912M<br>     | <b>No. 89600</b><br>HIGH PRESSURE / SHORT VANE IMPELLER<br>OEM: 47-22748<br>See Water Pumps<br>Application Guide for Models<br><b>Outside:</b> ø 1.250"<br><b>Inside:</b> ø .456"<br><br><b>No. N/A</b><br>KEY<br>OEM: 28-56655<br> |
| <b>No. 89850</b><br>HIGH PRESSURE / SHORT VANE IMPELLER<br>OEM: 47-80395M<br>See Water Pumps<br>Application Guide for Models<br><b>Outside:</b> ø 1.875" (47.5mm)<br><b>Inside:</b> ø .438" (11mm)<br><br><b>No. N/A</b><br>KEY - PIN<br>OEM: 17-82355M<br>    | <b>No. 89880</b><br>HIGH PRESSURE / SHORT VANE IMPELLER<br>OEM: 47-84027T<br>See Water Pumps<br>Application Guide for Models<br><b>Outside:</b> ø 1.575" (40mm)<br><b>Inside:</b> ø .512" (13mm)<br><br><b>No. N/A</b><br>KEY - HALF-MOON<br>OEM: 28-81912M<br>     |                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>No. 89800</b><br>HIGH PRESSURE / SHORT VANE IMPELLER<br>OEM: 47-89980<br>See Water Pumps<br>Application Guide for Models<br><b>Outside:</b> ø 1.250"<br><b>Inside:</b> ø .438"<br><br><b>No. N/A</b><br>KEY<br>OEM: 28-56655<br>                        | <b>No. 89820</b><br>HIGH PRESSURE / SHORT VANE IMPELLER<br>OEM: 47-89982<br>See Water Pumps<br>Application Guide for Models<br><b>Outside:</b> ø 2.000"<br><b>Inside:</b> ø .625"<br><br><b>No. N/A</b><br>KEY - HALF-MOON<br>OEM: 28-56661<br>                 |                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>No. 89860</b><br>HIGH PRESSURE / SHORT VANE IMPELLER<br>OEM: 47-96305M<br>See Water Pumps<br>Application Guide for Models<br><b>Outside:</b> ø 1.575" (40mm)<br><b>Inside:</b> ø 4.438" (11mm)<br><br><b>No. N/A</b><br>KEY - PIN<br>OEM: 17-82355M<br> | <b>No. 89910</b><br>HIGH PRESSURE / SHORT VANE IMPELLER<br>OEM: 47-97108M<br>See Water Pumps<br>Application Guide for Models<br><b>Outside:</b> ø 2.047" (52mm)<br><b>Inside:</b> ø .709" (18mm)<br><br><b>No. N/A</b><br>KEY - HALF-MOON<br>OEM: 28-97089M<br> |                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>No. 89614</b><br>HIGH PRESSURE / SHORT VANE IMPELLER<br>OEM: 47-F436065-2<br>See Water Pumps<br>Application Guide for Models<br><b>Outside:</b> ø 2.250"<br><b>Inside:</b> ø .500"<br><br><b>No. N/A</b><br>KEY - PIN<br>OEM: 17-F901563<br>            | <b>No. 89615</b><br>HIGH PRESSURE / SHORT VANE IMPELLER<br>OEM: 47-F462065<br>See Water Pumps<br>Application Guide for Models<br><b>Outside:</b> ø 2.2813"<br><b>Inside:</b> ø .5625"<br><br><b>No. N/A</b><br>KEY - PIN<br>OEM: 17-F901563<br>                 |                                                                                                                                                                                                                                                                                                                                                                                                           |

# Mercury / Mariner / Force

**WATER PUMP KITS 8, 9.9, 15 HP 2-CYL., 40, 50, 60 EFI HP 3-CYL.**

**4-STROKE**

## No. 12051

COMPLETE WATER PUMP HOUSING KIT  
OEM: 46-42089A5



Fits (1999-Up) 8, 9.9, 15 HP.

## No. 12836

GROMMET  
OEM: 26-42102-1



## No. 12305

PUMP BASE  
OEM: 46-420T5



## No. 12424

PUMP HOUSING  
OEM: 46-42089A2



## No. 85650

SEAL  
OEM: 26-42133



## No. 31178

WASHER  
OEM: 12-16448  
Kit Contains: 2



## No. 23201

RETAINER  
OEM: 42375



## No. 89451

IMPELLER  
OEM: 47-42038-2



## No. 22358

SCREW  
OEM: 10-48408



## No. 12494

WEAR PLATE  
OEM: 42200



## No. 12837

SEAL  
OEM: 26-33613



## No. 31230

GASKET  
OEM: 27-19202



## No. 31220

GASKET  
OEM: 27-19204-3



## No. 85570

OIL SEAL  
OEM: 26-41365-1  
Kit Contains: 2



## No. 31170

GASKET  
OEM: 12-19183  
Kit Contains: 2



## No. 44990

QUAD RING  
OEM: 25-822236



## No. 31330

GASKET  
OEM: 19643



### Water Pump Impeller Kit

## No. 12306

OEM: 47-42038T3 (without impeller key)

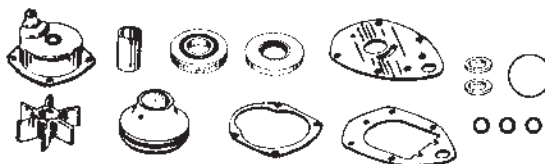
Kit Contains:

| QTY | ITEM       | GLM   | OEM        |
|-----|------------|-------|------------|
| 1   | Impeller   | 89451 | 47-42038-2 |
| 1   | Wear Plate | 12494 | 42200      |
| 1   | Gasket     | 31230 | 27-19202   |
| 2   | Washer     | 31178 | 12-16448   |



## No. 12124

COMPLETE WATER PUMP HOUSING KIT  
OEM: 46-812966A12



Fits (1991-Up) 40, 50, 60 EFI HP.

## No. 85182

TUBE SEAL  
OEM: 859770-1



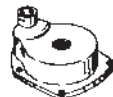
## No. 37470

GASKET  
OEM: 27-8M4502052



## No. 12417

PUMP HOUSING  
OEM: 14334A3



## No. 12352

PUMP BASE  
OEM: 46-812966A7



## No. 31177

WASHER  
OEM: 12-858234  
Kit Contains: 2



## No. 82250

O-RING  
OEM: 25-30224



## No. 89616

IMPELLER  
OEM: 47-19453T



## No. 86870

OIL SEAL  
OEM: 26-814670



## No. 37490

GASKET  
OEM: 27-822189



## No. 86860

OIL SEAL  
OEM: 26-814669



## No. 12506

WEAR PLATE  
OEM: 19700A2



## No. 31170

GASKET  
OEM: 12-19183-3  
Kit Contains: 3



### Water Pump Impeller Kit

## No. 12045

OEM: 821354A2

Kit Contains:

| QTY | ITEM       | GLM   | OEM         |
|-----|------------|-------|-------------|
| 1   | Tube Seal  | 85180 | 43023       |
| 1   | Tube Seal  | 85181 | 823547-1    |
| 1   | Washer     | 31175 | 12-86645-1  |
| 1   | Impeller   | 89640 | 47-85089-10 |
| 1   | Gasket     | 37490 | 27-822189   |
| 1   | Wear Plate | 12505 | 821354-2    |
| 1   | Gasket     | 37700 | 27-822217   |



Fits (1998-Up) 25, 30, 40, 50 HP.

# Mercury / Mariner / Force

## WATER PUMP KITS 40-275 HP, 3-CYL., L4 & L6 VERADO

## 4-STROKE

### No. 12094

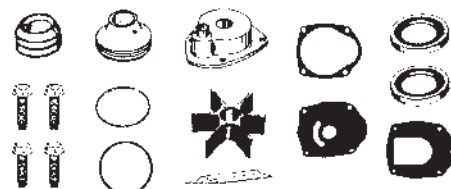
COMPLETE WATER PUMP HOUSING KIT  
OEM: 46-43024A09



Fits (2001-Up) 40-115 HP ( 4-Cyl.)

### No. 12121

COMPLETE WATER PUMP HOUSING KIT  
OEM: 817275A09



Fits (2005-Up) 135, 150, 175, 200, 225, 250, 275 HP Verado

### No. 85180

WATER TUBE SEAL (WHT)  
OEM: 43023



### No. 31240\*

GASKET  
OEM: 27-817277-1  
Included in No. 12342

### No. 85190

WATER TUBE SEAL (BLK)  
OEM: 43023-2



### No. 30290\*

GASKET  
OEM: 27-43034-1  
Included in No. 12342

### No. 23234

SCREW  
OEM: 10-826844-30  
Kit Contains: 4



### No. 30090\*

GASKET  
OEM: 27-43033-1  
Included in No. 12342

### No. 12416

PUMP HOUSING  
OEM: 817275A2



### No. 12342

PUMP BASE KIT  
OEM: 43055A4  
Includes parts with \*

### No. 89630

IMPELLER  
OEM: 47-43026T2



### No. 85170\*

OIL SEAL  
OEM: 26-43036  
Included in No. 12342

### No. 11071

KEY  
OEM: 28-43037



### No. 85160\*

OIL SEAL  
OEM: 26-43035  
Included in No. 12342

### No. 12500

WEAR PLATE  
OEM: 817276-1



### No. 30320\*

GASKET  
OEM: 27-43047-2  
Included in No. 12342

### No. 31170

GASKET  
OEM: 12-19183-3



### No. 31590\*

INSULATOR (4)  
OEM: 23-43045  
Included in No. 12342

### No. 85590

FACE SEAL  
OEM: 26-816575A2



### No. 12366

PUMP BASE  
OEM: 888909A1

### No. 12834

SCREW  
OEM: 10-816928  
Kit Contains: 4



### No. 21775

RETAINER RING  
OEM: 53-880719

### No. 12415

PUMP HOUSING  
OEM: 817275A1



### No. 81395

O-RING  
OEM: 25-896523

### No. 89630

IMPELLER  
OEM: 47-43026T2



### No. 85016

OIL SEAL  
OEM: 26-888920

### No. 31240

GASKET  
OEM: 27-817277-1



### No. 85017

OIL SEAL  
OEM: 26-888921

### No. 12500

WEAR PLATE  
OEM: 817276-1



### No. 11071

KEY  
OEM: 28-43037

### No. 30090

GASKET  
OEM: 27-43033-1



## Water Pump Impeller Kit

### No. 12013

OEM: 817275A08



Kit Contains:

| QTY | ITEM         | GLM   | OEM         |
|-----|--------------|-------|-------------|
| 1   | Face Seal    | 85590 | 26-816575A2 |
| 4   | Screw        | 12834 | 10-816928   |
| 1   | Key          | 11071 | 28-43037    |
| 1   | Pump Housing | 12415 | 817275A1    |
| 1   | Impeller     | 89630 | 47-43026T2  |
| 1   | Wear Plate   | 12500 | 817276-1    |
| 1   | Gasket       | 31240 | 27-817277-1 |
| 1   | Gasket       | 30090 | 27-43033-1  |



## Water Pump Impeller Kit

### No. 12043

OEM: 47-43026K06



| QTY | ITEM           | GLM   | OEM         |
|-----|----------------|-------|-------------|
| 1   | Impeller       | 89630 | 47-43026T2  |
| 1   | Wear Plate     | 12500 | 817276-1    |
| 1   | Gasket         | 31240 | 27-817277-1 |
| 1   | Gasket         | 30090 | 27-43033-1  |
| 2   | Gasket         | 31170 | 12-19183-3  |
| 1   | Key            | 11071 | 28-43037    |
| 1   | Face Seal      | 85590 | 26-816575A  |
| 1   | Seal           | 85140 | 26-45577-1  |
| 1   | Coupling Assy. | 12824 | 816597A1    |

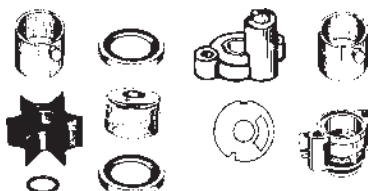
# Mercury / Mariner / Force

## WATER PUMP KITS 15 HP & BELOW

## 2-STROKE

### No. 12122

COMPLETE WATER PUMP HOUSING KIT  
OEM: 46-70941A3



Fits (1975-85) 4, 4.5, 7.5 and 9.8 HP.

### No. 12051

COMPLETE WATER PUMP HOUSING KIT  
OEM: 46-42089A5



Fits (1986-Up) 6, 8, 9.9, 15 HP.

### No. 85153

GROMMET  
OEM: 26-36558

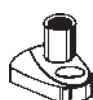


### No. 12817

PUMP CUP  
OEM: 70977

### No. 12836\*

GROMMET  
OEM: 26-42102-1



### No. 12305

PUMP BASE  
OEM: 46-420T5

### No. 85270

OIL SEAL  
OEM: 26-30913

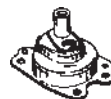


### No. 12433

PUMP BASE  
OEM: 46-70941T01

### No. 12424

PUMP HOUSING  
OEM: 46-42089A2  
\* Includes 12836



### No. 85650

SEAL  
OEM: 26-42133

### No. 12428

PUMP HOUSING  
OEM: 93224A1



### No. 81230

O-RING  
OEM: 25-29439

### No. 31178

WASHER  
OEM: 12-16448  
Kit Contains: 2



### No. 23201

RETAINER  
OEM: 42375

### No. 12540

WEAR PLATE  
OEM: 46895



### No. 86450

OIL SEAL  
OEM: 26-30900T

### No. 89451

IMPELLER  
OEM: 47-42038-2



### No. 22358

SCREW  
OEM: 10-48408

### No. 89810

IMPELLER  
(0.456 I.D.)  
OEM: 47-89981



### No. 12837

GROMMET  
OEM: 26-33613

### No. 12494

WEAR PLATE  
OEM: 42200



### No. 12837

SEAL  
OEM: 26-33613

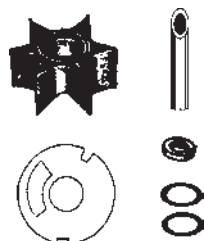
## Water Pump Impeller Kits

### No. 12270

OEM: 47-89981Q1  
(Impeller 0.456 I.D.)

Kit Contains:

| QTY | ITEM       | GLM   | OEM      |
|-----|------------|-------|----------|
| 1   | Sleeve     | 12963 | 23-31792 |
| 1   | Impeller   | 89810 | 47-89981 |
| 1   | Wear Plate | 12560 | 46895    |
| 1   | O-ring     | 81230 | 25-29439 |
| 1   | O-ring     | 81090 | 25-62704 |
| 1   | Seal       | 85651 | 25-30526 |

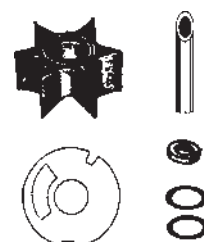


### No. 12271

OEM: 47-89980T1  
(Impeller 0.438 I.D.)

Kit Contains:

| QTY | ITEM       | GLM   | OEM      |
|-----|------------|-------|----------|
| 1   | Sleeve     | 12963 | 23-31792 |
| 1   | Impeller   | 89800 | 47-89980 |
| 1   | Wear Plate | 12560 | 46895    |
| 1   | O-ring     | 81230 | 25-29439 |
| 1   | O-ring     | 81090 | 25-62704 |
| 1   | Seal       | 85651 | 25-30526 |



### No. 31230

GASKET  
OEM: 27-19202



### No. 31220

GASKET  
OEM: 27-19204-3

### No. 85570

OIL SEAL  
OEM: 26-41365-1  
Kit Contains: 2



### No. 31170

GASKET  
OEM: 12-19183  
Kit Contains: 2

### No. 44990

QUAD RING  
OEM: 25-822236



### No. 31330

GASKET  
OEM: 19643

## Water Pump Impeller Kit

### No. 12306

OEM: 47-42038T3 (without impeller key)

Kit Contains:

| QTY | ITEM       | GLM   | OEM        |
|-----|------------|-------|------------|
| 1   | Impeller   | 89451 | 47-42038-2 |
| 1   | Wear Plate | 12494 | 42200      |
| 1   | Gasket     | 31230 | 27-19202   |
| 2   | Washer     | 31178 | 12-16448   |



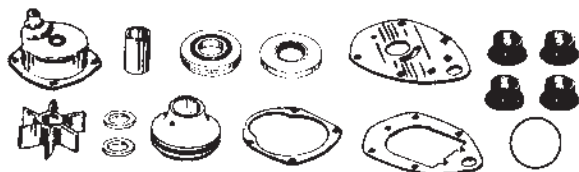
# Mercury / Mariner / Force

## WATER PUMP KITS 15XD-60 HP w/ METAL PUMP HOUSING

2-STROKE

### No. 12095

COMPLETE WATER PUMP HOUSING KIT  
OEM: 46-812966A11



Fits (1991-Up) 45 Jet, 50, 55, 60 HP (3-Cyl.)

### No. 85180\*

TUBE SEAL  
OEM: 43023  
Included in 12417



### No. 31590

INSULATOR  
OEM: 23-43045  
Kit Contains: 4



### No. 12417

PUMP HOUSING  
OEM: 14334A3  
\* Includes 85180, 37490, 12506, 37470



### No. 21490\*\*

WASHER (4)  
OEM: 12-29245  
Included in 12506



### No. 31177\*\*

WASHER (2)  
OEM: 12-858234  
Included in 12506



### No. 89616

IMPELLER  
OEM: 47-19453T



### No. 37490\*

GASKET  
OEM: 27-822189  
Included in 12417



### No. 12506\*

WEAR PLATE  
OEM: 19700A2  
Included in 12417  
\*\* Includes 21490, 31177



### No. 37470\*

GASKET  
OEM: 27-8M4502052  
Included in 12417



### No. 37478

GASKET  
OEM: 27-19454-1



### No. 31170

GASKET  
OEM: 12-19183-3  
Kit Contains: 3



### No. 12352

PUMP BASE  
OEM: 46-812966A7  
+ Includes 82250, 86870, 86860



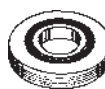
### No. 82250+

O-RING  
OEM: 25-30224  
Included in 12352



### No. 86870+

OIL SEAL  
OEM: 26-814670  
Included in 12352



### No. 86860+

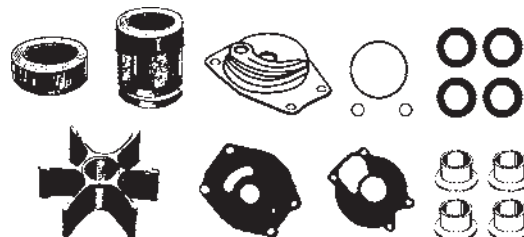
OIL SEAL  
OEM: 26-814669  
Included in 12352



## Water Pump Housing Kit

### No. 12014

OEM: 46-99157T2



Fits (1984-Up) 15XD, 18XD, 20XD, 25XD, 25 (3-Cyl.).

### No. 21321

SLINGER  
OEM: 25-86203



### No. 32360

GASKET  
OEM: 27-99326-1



### No. 85151

GROMMET  
OEM: 26-85090001



### No. 31591

INSULATOR  
OEM: 23-85095  
Kit Contains: 4



### No. 12423

PUMP HOUSING  
OEM: 46-99157A02



### No. 31170

GASKET  
OEM: 12-19183-2  
Kit Contains: 2



### No. 81470

O-RING  
OEM: 25-69202



### No. 80110

O-RING  
OEM: 25-62702  
Kit Contains: 2



### No. 31210

WASHER  
OEM: 12-86645-1  
Kit Contains: 2



### No. 89640

IMPELLER  
OEM: 47-85089-10



### No. 12490

WEAR PLATE  
OEM: 85083



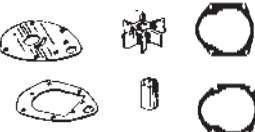
## Water Pump Impeller Kit

### No. 12044

OEM: 47-19453Q2

Kit Contains:

| QTY | ITEM       | GLM   | OEM        |
|-----|------------|-------|------------|
| 1   | Tube Seal  | 85180 | 43023      |
| 1   | Impeller   | 89616 | 47-19453T  |
| 1   | Gasket     | 37490 | 27-822189  |
| 1   | Wear Plate | 12506 | 19700A2    |
| 1   | Gasket     | 37478 | 27-19454-1 |
| 1   | Gasket     | 37470 | 12-19701   |



## Water Pump Impeller Kit

### No. 12107

OEM: 47-85089T4

Kit Contains:

| QTY | ITEM       | GLM   | OEM         |
|-----|------------|-------|-------------|
| 1   | Impeller   | 89640 | 47-85089-10 |
| 1   | Wear Plate | 12490 | 85083       |
| 1   | Gasket     | 32360 | 27-99326-1  |
| 2   | Washer     | 31210 | 12-86645-1  |
| 1   | O-ring     | 81470 | 25-69202    |



# Mercury / Mariner / Force

## WATER PUMP KITS 20-70 HP w/ SMALL PLASTIC PUMP HOUSING

## 2-STROKE

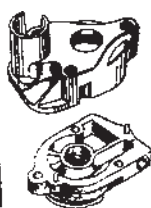
### No. 12100

COMPLETE WATER  
PUMP HOUSING KIT  
OEM: 46-77177A3  
(Use No. 12030 Pump Base)



### No. 12180

COMPLETE WATER  
PUMP HOUSING KIT  
OEM: 46-73640A2  
(Use No. 12020 Pump Base)



Fits (1970-1986) 30 Jet, 35, 40, 45, 50, 60, 70 HP 2-Stroke.

### No. 85360

GROMMET  
OEM: 26-38452



### No. 31060

GASKET  
OEM: 27-19553

### No. 32710

GASKET  
OEM: 12-38453

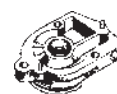


### No. 12020

PUMP BASE  
OEM: 46-73640A1

### No. 21320

SLINGER  
OEM: 25-20273



### No. 12030

PUMP BASE  
OEM: 46-77177A1

### No. 12420

PUMP HOUSING  
OEM: 46-77822A1



### No. 85080

OIL SEAL  
OEM: 26-90562

### No. 12860

PUMP CUP  
OEM: 48753



### No. 85580

OIL SEAL  
OEM: 26-79831

### No. 89830

IMPELLER  
OEM: 47-89983



### No. 82240

O-RING  
OEM: 25-26722

### No. 31070

GASKET  
OEM: 27-19551



### No. 85630

SEAL  
OEM: 37721

### No. 12520

WEAR PLATE  
OEM: 32768



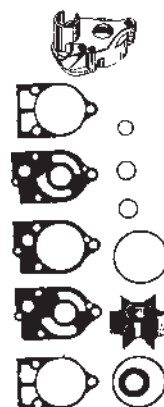
## Water Pump Housing Kit

### No. 12010

OEM: 46-60366A1

Kit Contains:

| QTY | ITEM         | GLM   | OEM        |
|-----|--------------|-------|------------|
| 1   | Pump Housing | 12420 | 46-77822A1 |
| 1   | Wear Plate   | 12520 | 54705      |
| 1   | Slinger      | 21320 | 25-20273   |
| 1   | Gasket       | 31060 | 27-32769   |
| 1   | Gasket       | 31070 | 27-32770   |
| 1   | Gasket       | 31080 | 27-32771   |
| 2   | Gasket       | 31170 | 12-20260   |
| 1   | Gasket       | 31180 | 12-49221-1 |
| 1   | Gasket       | 31190 | 27-77417   |
| 1   | O-ring       | 81140 | 25-45711   |
| 1   | O-ring       | 82230 | 25-26855   |
| 1   | O-ring       | 82240 | 25-26722   |
| 1   | Impeller     | 89830 | 47-89983   |



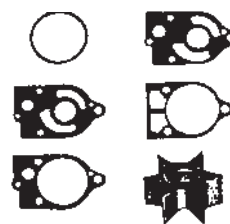
## Water Pump Impeller Kit

### No. 12250

OEM: 47-89983T1

Kit Contains:

| QTY | ITEM     | GLM   | OEM        |
|-----|----------|-------|------------|
| 1   | Slinger  | 21320 | 25-20273   |
| 1   | Gasket   | 31060 | 27-32769   |
| 1   | Gasket   | 31070 | 27-32770   |
| 1   | Gasket   | 31080 | 27-32771   |
| 2   | Gasket   | 31170 | 12-20260   |
| 1   | Gasket   | 31180 | 12-49221-1 |
| 1   | Gasket   | 31190 | 27-77417   |
| 1   | O-ring   | 81140 | 25-45711   |
| 1   | O-ring   | 82230 | 25-26855   |
| 1   | O-ring   | 82240 | 25-26722   |
| 1   | Impeller | 89830 | 47-89983   |



## Water Pump Gasket Kit

### No. 39570

OEM: N/A

For 20 HP

Kit Contains:

| QTY | ITEM   | GLM   | OEM        |
|-----|--------|-------|------------|
| 1   | O-ring | 81260 | 25-33466   |
| 1   | Gasket | 31090 | 27-39623-1 |
| 1   | Gasket | 31200 | 27-39625   |
| 1   | Gasket | 31110 | 27-39626   |



## Water Pump Gasket Kit

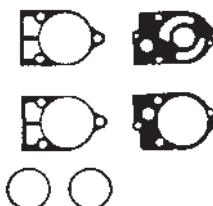
### No. 39580

OEM: N/A

For 35-60 HP

Kit Contains:

| QTY | ITEM    | GLM   | OEM      |
|-----|---------|-------|----------|
| 1   | O-ring  | 82240 | 25-26722 |
| 1   | O-ring  | 82230 | 25-26855 |
| 1   | Gasket  | 31060 | 27-32769 |
| 1   | Gasket  | 31070 | 27-32770 |
| 1   | Gasket  | 31080 | 27-32771 |
| 1   | Gasket  | 31190 | 27-19552 |
| 1   | Slinger | 21320 | 25-20273 |



## Water Pump Impeller Kit

### No. 12260

OEM: 47-89982T1



For 200 (20) HP

# Mercury / Mariner / Force

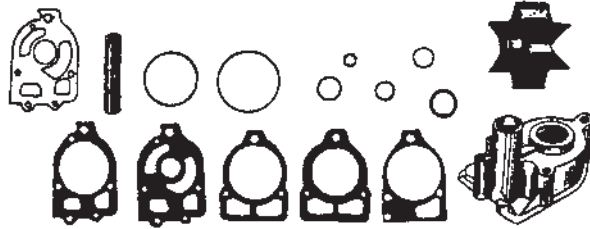
## WATER PUMP KITS 65-225 HP w/ LARGE PLASTIC PUMP HOUSING

## 2-STROKE

### Water Pump Housing Kit

#### No. 12280

OEM: 46-96148A8



Fits (1963-98) 65-225 HP.

#### No. 12820

GUIDE TUBE  
OEM: 23-29804T



#### No. 82250

O-RING (1.875 I.D.)  
OEM: 25-30224  
For GLM No. 12343, 12344

#### No. 12830

SEAL  
OEM: 26-38970



#### No. 82260

O-RING (2.000 I.D.)  
OEM: 25-33145  
For GLM No. 12350, 12370, 12310

#### No. 21330

SLINGER  
OEM: 25-30271



#### No. 82270

O-RING (2.125 I.D.)  
OEM: 25-38099  
For GLM No. 12320 (I/O)

#### No. 12410

PUMP HOUSING  
OEM: 46-96148T1



#### No. 81160

O-RING  
OEM: 25-30613  
For Drive Shaft

#### No. 89840

IMPELLER  
OEM: 47-89984T4



#### No. 31030

GASKET  
OEM: 27-32438  
For GLM No. 12343, 12344

#### No. 31020

GASKET  
OEM: 27-858524



#### No. 31040

GASKET  
OEM: 27-856704  
For GLM No. 12350, 12356, 12370

#### No. 12510

WEAR PLATE  
OEM: 32435



#### No. 31050

GASKET  
OEM: 27-42631-1  
For GLM No. 12320, 12360

#### No. 31010

GASKET  
OEM: 27-85608-1



#### No. 85140

SEAL  
OEM: 26-45577-1

#### No. 81390

O-RING (2.1875 I.D.)  
OEM: 25-90011  
For GLM No. 12320, 12360



#### No. 31170

GASKET  
OEM: 12-19183-2  
Kit Contains: 2

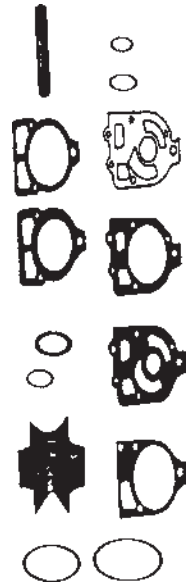
### Water Pump Impeller Kit

#### No. 12290

OEM: 47-89984T5

Kit Contains:

| QTY | ITEM       | GLM   | OEM         |
|-----|------------|-------|-------------|
| 1   | Wear Plate | 12510 | 32435       |
| 1   | Guide Tube | 12820 | 23-29804    |
| 1   | Grommet    | 12830 | 26-38970    |
| 1   | Slinger    | 21330 | 25-30271    |
| 1   | Gasket     | 31010 | 27-85608-1  |
| 1   | Gasket     | 31020 | 27-85609-1  |
| 1   | Gasket     | 31030 | 27-32438    |
| 1   | Gasket     | 31040 | 27-85610-1  |
| 1   | Gasket     | 31050 | 27-422631-1 |
| 2   | Gasket     | 31170 | 12-20260    |
| 1   | O-ring     | 81160 | 25-30613    |
| 1   | O-ring     | 81390 | 25-90011    |
| 1   | O-ring     | 82250 | 25-30224    |
| 1   | O-ring     | 82260 | 25-33145    |
| 1   | O-ring     | 82270 | 25-38099    |
| 1   | Seal       | 85140 | 26-45577    |
| 1   | Impeller   | 89840 | 47-89984    |



Fits (1963-98) 65-225 HP.

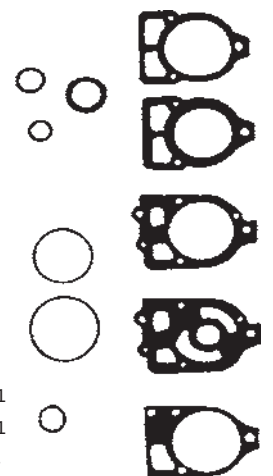
### Water Pump Gasket Kit

#### No. 39530

OEM: N/A

Kit Contains:

| QTY | ITEM    | GLM   | OEM        |
|-----|---------|-------|------------|
| 2   | Gasket  | 31170 | 12-20260   |
| 1   | O-ring  | 82250 | 25-30224   |
| 1   | Slinger | 21330 | 25-30271   |
| 1   | O-ring  | 81160 | 25-30613   |
| 1   | O-ring  | 82260 | 25-33145   |
| 1   | O-ring  | 81390 | 25-90011   |
| 1   | Seal    | 85140 | 26-45577   |
| 1   | Gasket  | 31030 | 27-32438   |
| 1   | Gasket  | 31050 | 27-42631-1 |
| 1   | Gasket  | 31010 | 27-85608-1 |
| 1   | Gasket  | 31020 | 27-858524  |
| 1   | Gasket  | 31040 | 27-85610-1 |
| 1   | O-ring  | 82270 | 25-38099   |



For 65-225 HP

# Mercury / Mariner / Force

## WATER PUMP KITS 65-225 HP w/ LARGE METAL PUMP HOUSING

## 2-STROKE

### No. 12094

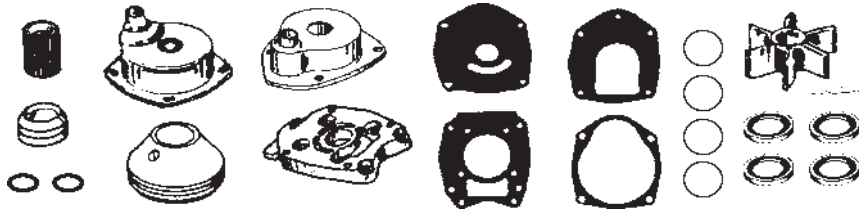
COMPLETE WATER  
PUMP HOUSING KIT  
OEM: 46-43024A7

### No. 12096

COMPLETE WATER  
PUMP HOUSING KIT  
OEM: 817275A6

### No. 12098

COMPLETE WATER  
PUMP HOUSING KIT  
OEM: 817275A5



### No. 85190

WATER TUBE SEAL (BLK)  
OEM: 43023-2  
(For GLM No. 12094)



### No. 89630

IMPELLER  
OEM: 47-43026T2

### No. 12341

PUMP BASE  
OEM: 807929A1  
(For GLM No. 12096/12098)



### No. 81390

O-RING  
OEM: 25-90011  
(For GLM No. 12096/12098)

### No. 82210

O-RING  
OEM: 25-21836  
Kit Contains: 2  
(For GLM No. 12096/12098)



### No. 11071

KEY  
OEM: 28-43037

### No. 12342

PUMP BASE  
OEM: 43055A4  
(For GLM No. 12094)



### No. 30320

GASKET  
OEM: 27-43047-2  
(For GLM No. 12094)

### No. 82150

O-RING  
OEM: 25-35027  
(For GLM No. 12098)



### No. 31240

GASKET  
OEM: 27-817277-1

### No. 85011

OIL SEAL  
OEM: 26-66302  
Kit Contains: 2  
(For GLM No. 12096/12098)



### No. 31170

GASKET  
OEM: 12-19183-3  
Kit Contains: 2

### No. 85590

FACE SEAL  
OEM: 26-816575A2



### No. 12500

WEAR PLATE  
OEM: 817276-1

### No. 85160

OIL SEAL  
OEM: 26-43035  
(For GLM No. 12094)



### No. 12416

PUMP HOUSING  
OEM: 817275A2



### No. 30090

GASKET  
OEM: 27-43033-1

### No. 85170

OIL SEAL  
OEM: 26-43036  
(For GLM No. 12094)



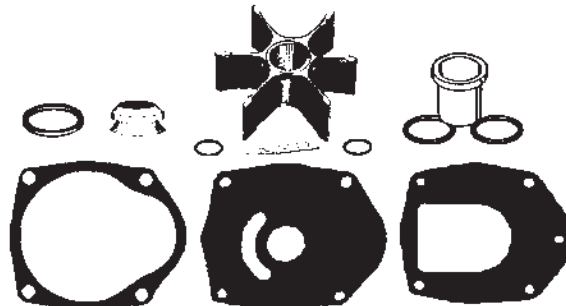
## Water Pump Impeller Kit

### No. 12043

OEM: 47-43026K06

Kit Contains:

| QTY | ITEM           | GLM   | OEM         |
|-----|----------------|-------|-------------|
| 1   | Impeller       | 89630 | 47-43026T2  |
| 1   | Wear Plate     | 12500 | 817276-1    |
| 1   | Gasket         | 31240 | 27-817277-1 |
| 1   | Gasket         | 30090 | 27-43033-1  |
| 2   | Gasket         | 31170 | 12-19183-3  |
| 1   | Key            | 11071 | 28-43037    |
| 1   | Face Seal      | 85590 | 26-816575A2 |
| 1   | Seal           | 85140 | 26-45577-1  |
| 1   | Coupling Assy. | 12824 | 816597A1    |



















## Section 7

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### Mercury / Mariner / Force Prop Hardware, Prop Wrenches, Tools and Anodes

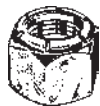
|                                                            |              |
|------------------------------------------------------------|--------------|
| <i>Prop Hardware - 6-15 HP (1 &amp; 2-Cyl.) .....</i>      | <i>82</i>    |
| <i>Prop Hardware - 18-25 HP (2-Cyl.) .....</i>             | <i>82</i>    |
| <i>Prop Hardware - 30-75 HP (2, 3 &amp; L4-Cyl.) .....</i> | <i>83</i>    |
| <i>Prop Hardware - 60-120 HP (Inline 4-Cyl.) .....</i>     | <i>83</i>    |
| <i>Prop Hardware - 70-275 HP (L4 &amp; V6) .....</i>       | <i>83</i>    |
| <i>Prop Kits &amp; Hardware Applications .....</i>         | <i>84</i>    |
| <i>Prop Wrenches &amp; Tools .....</i>                     | <i>84</i>    |
| <i>Aluminum Anodes &amp; Anode Kits .....</i>              | <i>85</i>    |
| <i>Aluminum Anodes &amp; Anode Kits Applications .....</i> | <i>86-88</i> |

# Mercury / Mariner / Force

## PROP HARDWARE - 6-15 HP (1 & 2-CYL.)

### No. 21243

PROP NUT  
OEM: 11-40140



### No. 22192

SPACER  
OEM: 23-42091-1



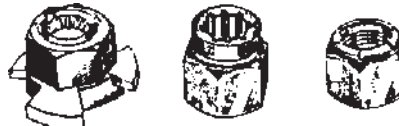
### No. 22210

THRUST WASHER  
OEM: 42037



### No. 22215

KIT W/ THRUST WASHER  
OEM: N/A



### No. 21243

PROP NUT  
OEM: 11-40140



### No. 22192

SPACER  
OEM: 23-42091-1



### No. 21281

THRUST WASHER  
OEM: 42037-1



### No. 21285

KIT W/ THRUST WASHER  
OEM: N/A



### No. 21243

PROP NUT  
OEM: 11-40140



### No. 22192

SPACER  
OEM: 23-42091-1



### No. 22211

THRUST WASHER  
OEM: 821932



### No. 22216

KIT W/ THRUST WASHER  
OEM: N/A



### No. 21243

PROP NUT  
OEM: 11-40140



### No. 22192

SPACER  
OEM: 23-42091-1



### No. 21282

THRUST WASHER  
OEM: 821932-1



### No. 21286

KIT W/ THRUST WASHER  
OEM: 11-13914A2



## PROP HARDWARE - 18-25 HP (2-CYL.)

### No. 21232

PROP NUT  
OEM: 11-40119-12



### No. 21303

THRUST WASHER  
OEM: 858498



### No. 21306

KIT W/ THRUST WASHER  
OEM: 11-40119A1



### No. 21242

PROP NUT  
OEM: 11-88228  
Plastic



### No. 21220

TAB WASHER  
OEM: 14-76281



### No. 21303

THRUST WASHER  
OEM: 858498



### No. 21307

KIT W/ THRUST WASHER  
OEM: N/A

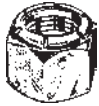


# Mercury / Mariner / Force

## PROP HARDWARE - 30-75 HP (2, 3 & L4-CYL.)

### No. 21240

PROP NUT  
OEM: 11-69578A1



### No. 21220

TAB WASHER  
OEM: 14-76281



### No. 21290

THRUST WASHER  
OEM: 73345A1



### No. 21260

KIT W/O THRUST WASHER  
OEM: 11-69578Q1



### No. 21295

KIT W/ THRUST WASHER  
OEM: 11-31990A2



## PROP HARDWARE - 60-120 HP (INLINE 4-CYL.)

### No. 21270

PROP NUT KIT  
OEM: 11-52707Q1



### No. 21200

TAB WASHER  
OEM: 14-816629Q



### No. 21350

THRUST WASHER  
OEM: 13191A1



### No. 21355

KIT W/ THRUST WASHER  
OEM: 11-827614A4



## PROP HARDWARE - 70-275 HP (L4 & V6)

### No. 21270

PROP NUT KIT  
OEM: 11-52707Q1



### No. 21200

TAB WASHER  
OEM: 14-816629Q



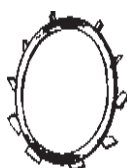
### No. 21360

TAB WASHER RECEIVER  
OEM: 12-31211A3



### No. 21760

LOCKWASHER  
OEM: 13-42351-1



### No. 21301

THRUST WASHER  
OEM: 12-835467Q1  
Brass or Stainless Steel



### No. 21305

PROP SERVICE KIT  
OEM: 835257Q5



# Mercury / Mariner / Force

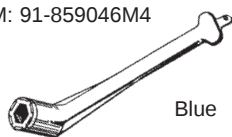
## PROP KITS & HARDWARE APPLICATIONS

| Model                                | Year    | Receiver | Thrust Washer | Spacer | Lock Washer | Tab Washer | Nut   | Kit w/o T. Washer | Kit w/ T. Washer |
|--------------------------------------|---------|----------|---------------|--------|-------------|------------|-------|-------------------|------------------|
| 6-15 HP Half Length Spline           | 1984-Up | -        | 21281         | 22192  | -           | -          | 21243 | -                 | 21285            |
| 6-15 HP Full Length Spline           | 1984-Up | -        | 22211         | 22192  | -           | -          | 21243 | -                 | 22216            |
| 6-15 HP All Models                   | 1994-Up | -        | 21282         | 22192  | -           | -          | 21243 | -                 | 21286            |
| 10 HP, XR10, MAG 10, Sea Pro 10      | 1990-93 | -        | 22210         | 22192  | -           | -          | 21243 | -                 | 22215            |
| 18-25 HP Sea Pro, Marathon           | 1980-Up | -        | 21303         | -      | -           | 21220      | 21242 | -                 | 21307            |
| 18-25 HP The Others                  | 1980-Up | -        | 21303         | -      | -           | -          | 21232 | -                 | 21306            |
| 25, 30, 40, 45, 50, 60 HP (4-Stroke) | 1998-Up | -        | 21290         | -      | -           | 21220      | 21240 | -                 | 21295            |
| 30, 40 HP (2-Cyl.)                   | 1994-Up | -        | 21290         | -      | -           | 21220      | 21420 | 21260             | 21295            |
| 40 HP (3-Cyl.)                       | 1997-Up | -        | 21290         | -      | -           | 21220      | 21240 | 21260             | 21295            |
| 40 HP (4-Cyl.)                       | 1989-Up | -        | 21290         | -      | -           | 21220      | 21240 | 21260             | 21295            |
| 50-60 HP (3-Cyl.)                    | 1991-Up | -        | 21290         | -      | -           | 21220      | 21240 | 21260             | 21295            |
| 40, 50 HP (Force)                    | 1995-99 | -        | 21290         | -      | -           | 21220      | 21240 | 21260             | 21295            |
| 70 HP (Force)                        | 1991-95 | -        | 21290         | -      | -           | 21220      | 21240 | 21260             | 21295            |
| 75 HP (Force)                        | 1986-98 | -        | 21290         | -      | -           | 21220      | 21240 | 21260             | 21295            |
| 60 HP Sea Pro, Marathon, Bigfoot     | 1987-Up | -        | 21350         | -      | -           | 21201      | 21230 | -                 | 21355            |
| 75-125 HP                            | 1987-Up | -        | 21350         | -      | -           | 21201      | 21230 | -                 | 21355            |
| 90, 120 HP (Force)                   | 1995-Up | -        | 21350         | -      | -           | 21201      | 21230 | -                 | 21355            |
| 135-275 HP (V6)                      | All     | 21360    | 21301         | -      | 21760       | 21201      | 21230 | -                 | 21305            |

## PROP WRENCHES & TOOLS

### No. 90061

PROP WRENCH - 1-1/16"  
OEM: 91-859046M4

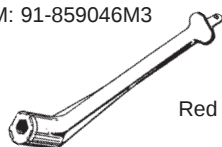


Blue

75, 90, 100, 115, 125, 135, 150  
175, 200, 225, 250 HP

### No. 90062

PROP WRENCH - 15/16"  
OEM: 91-859046M3



Red

30, 40, 50, 60 HP

### No. 90063

PROP WRENCH - 13/16"  
OEM: 91-859046M2



Yellow

20, 25 HP

### No. 90064

PROP WRENCH - 9/16"  
OEM: 91-859046M1

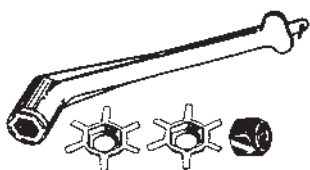


Purple

6, 8, 9.9, 15 HP

### No. 90065

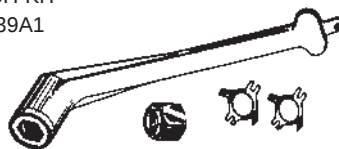
PROP WRENCH KIT  
OEM: 91-8218871T1



75, 90, 100, 115, 125, 135, 150, 175, 200, 225, 250 HP

### No. 90066

PROP WRENCH KIT  
OEM: 91-856639A1



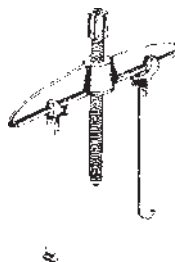
30, 40, 50, 60 HP

### No. 90095

PROP AND BEARING CARRIER PULLER  
OEM: N/A  
Capacity: 5 Tons (min)  
For All Models.



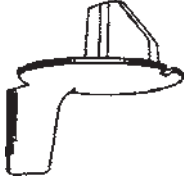
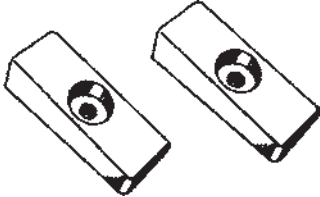
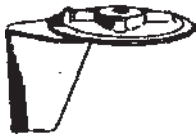
For prop and old style bearing carrier.



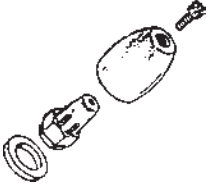
For new style bearing carrier.

# Mercury / Mariner / Force

## ALUMINUM ANODES & ANODE KITS

|                                                        |                                                                                                                                                                        |                                                                                     |                                                                                       |                                                                                       |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>No. 12670</b><br>ALUMINUM<br>ANODE<br>OEM: 31640Q4  | <br> | <b>No. 12671</b><br>MAGNESIUM<br>ANODE<br>OEM: 31640T6                              | <b>No. 12907</b><br>ALUMINUM<br>ANODE<br>OEM: 42121A2                                 |    |
| <b>No. 12710</b><br>ALUMINUM<br>ANODE<br>OEM: 76214Q5  |                                                                                       | <b>No. 12908</b><br>ALUMINUM<br>ANODE<br>OEM: 98432T6                               |    |    |
| <b>No. 12690</b><br>ALUMINUM<br>ANODE<br>OEM: 818298Q1 | <br> | <b>No. 12909</b><br>MAGNESIUM<br>ANODE<br>OEM: 818298T3                             | <b>No. 12720</b><br>ALUMINUM<br>ANODE<br>OEM: 89949A1                                 |    |
| <b>No. 12918</b><br>ALUMINUM<br>ANODE<br>OEM: 825271-1 |                                                                                     |  | <b>No. 12680</b><br>ALUMINUM<br>ANODE<br>OEM: 822777Q1                                |  |
| <b>No. 12675</b><br>ALUMINUM<br>ANODE<br>OEM: 826134Q  |                                                                                     | <b>No. 12676</b><br>ALUMINUM<br>ANODE<br>OEM: 822157T2                              |  |                                                                                       |

## ALUMINUM PROP NUT ANODE KITS & REPLACEMENT ANODES

| Prop Nut Anode Kits                                                                                               |            |             | Aluminum                                                                            | Replacement Anodes           |                |                | Aluminum                                                                              |
|-------------------------------------------------------------------------------------------------------------------|------------|-------------|-------------------------------------------------------------------------------------|------------------------------|----------------|----------------|---------------------------------------------------------------------------------------|
| GLM No.                                                                                                           | Shaft Size | Thread Size |                                                                                     | GLM No.                      | For Kit No.    | Anode Size     |                                                                                       |
| <b>12706</b><br>OEM: 809660A1                                                                                     | 7/8"       | 5/8" NC 11  |  | <b>12705</b><br>OEM: 809660  | 12706          | ø 1-5/8" x 2"L |  |
| <b>12717</b> <br>OEM: 809662A1 | 1"         | 3/4" NC 10  |                                                                                     | <b>12707</b><br>OEM: 809662T | 12717<br>12718 | ø 2" x 2-5/8"L |                                                                                       |
| <b>12718</b> <br>OEM: 809664A1 | 1-1/8"     | 3/4" NF 16  |                                                                                     |                              |                |                |                                                                                       |

GLM's Aluminum Anodes to Replace Zinc Anodes Coming Soon! Check Website for Product ETA's.







## Section 8

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### Mercury / Mariner / Force Pistons

|                                                                                   |                |
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# Mercury / Mariner / Force

## GLM'S EXCLUSIVE MARINE PISTONS

- Fully Machined Hypereutectic Pistons
- Featuring a Hard Anodizing Coating on Top
- Resisting Temperatures up to 1560°F
- Hardness: HV280-400
- Pistons are T-6 Heat Treated

### OEM CAST vs. FORGED

(99% of OEM Pistons are Cast)

|         | CASTING                                                            | FORGING                                                               |
|---------|--------------------------------------------------------------------|-----------------------------------------------------------------------|
| Pros    | Low expansion rate<br>Lighter weight<br>Longer life<br>Lower costs | Greater Strength                                                      |
| Cons    | Less strength but compensated by strong mold process               | Heavier weight<br>High expansion rate<br>Shorter life<br>Higher costs |
| Verdict | For Recreational<br>For General use                                | High Performance<br>Purposes                                          |

### GLM PISTONS ARE 100% CAST

## PISTON RING COATINGS COMPARISON

**DID YOU KNOW** sometimes as much as 30% of engine friction comes from the piston rings? Therefore, 2-ring pistons have less friction than 3-ring pistons.

**To minimize piston ring friction in the engine you should:**

- Choose the right ring tension and coating.
- If for oversize, check that the bore size is correct.
- Change the engine oil regularly.

| RING COATING | SCUFF RESISTANCE | WEAR RESISTANCE |
|--------------|------------------|-----------------|
| Plain        | Poor             | Low             |
| Plasma Moly  | Excellent        | Good            |
| Nitriding    | Average          | Excellent       |
| Chrome       | Average          | Excellent       |

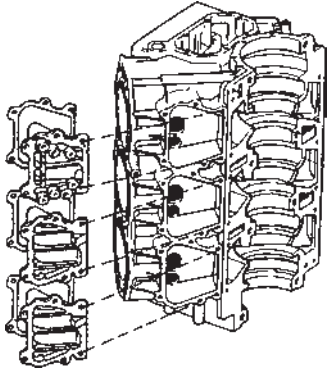
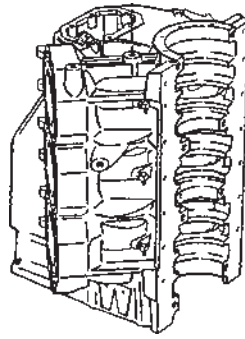
Warning: GLM will not cover the warranty for non-authorized marine engine boring services.



# Mercury / Mariner / Force

## PISTON DESIGNS

There are three basic piston designs used in Mercury / Mariner / Force engines; Crossflow, Loopcharged and Four-Stroke.

| Crossflow                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Loopcharged                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Four-Stroke                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>The oldest design, and the one used on Mercury / Mariner / Force 35-150 HP engines from 1970-1990 is the crossflow piston. As the air / fuel mixture travels through the transfer port and into the cylinder, a deflector, cast into the top of the piston, directs the air / fuel mixture towards the combustion chamber and spark plug tip for maximum efficiency. All engines with deflectors on top of the pistons will be crossflow engines. External inspection of a crossflow engine will reveal removeable transfer port covers on the side of the cylinders.</p>  <p>Removeable Transfer Port Cover</p>  <p>Piston with Deflector Top</p> | <p>In 1976 Mercury / Mariner / Force introduced a V6 engine with loopcharged pistons. This engine was the V-175 HP 6-Cylinder. A loopcharged engine has a transfer port cast into the cylinder wall in such a way that it will direct the air / fuel mixture towards the combustion chamber and spark plug tip without the need for a piston deflector. All engines with a flat top or a slight dome on the top of the pistons will be loopcharged. Loopcharged engines will not have removable transfer port covers on the side of the cylinders.</p>  <p>Non-Removeable Transfer Port Cover</p>  <p>Piston with Flat Top</p> | <p>Four-stroke / four-cycle engines are fairly new to the marine industry. They have become the engine design preferred by most marine engine manufacturers to meet government mandated exhaust emission standards. Oil stored in the crankcase of these engines is splashed onto the cylinder walls for piston and ring lubrication. The pistons are equipped with oil control rings to scrap excess oil off of the cylinder walls. Four-stroke / four-cycle pistons are easily identified by a three piece oil control ring in the bottom ring position. The pistons almost always have a flat top or a dished top and never have needle bearings between the wrist pin and connecting rod (like two-stroke engines).</p>   <p>Piston with Flat Top and Oil-ring in the Bottom Position</p> |

# Mercury / Mariner / Force

## INLINE 4-CYLINDER CROSSFLOW PISTONS

### Crossflow Pistons for Inline 4-Cylinder 30-50 HP (1970-2002) Mercury / Mariner / Force

**These engines use ø 2.565" Pistons**

|        |         |                |           |
|--------|---------|----------------|-----------|
| 30 Jet | L4-Cyl. | Keystone Rings | 1998-2002 |
| 40 HP  | L4-Cyl. | Keystone Rings | 1990-1997 |
| 45 HP  | L4-Cyl. | Keystone Rings | 1986-1989 |
| 50 HP  | L4-Cyl. | Keystone Rings | 1970-1985 |



#### Pistons for above engines

| <u>GLM Piston No.</u> | <u>Size</u>   | <u>OEM Piston No.</u> |
|-----------------------|---------------|-----------------------|
| <b>14370</b>          | ø 2.565       | 780-9229A7            |
| <b>14380</b>          | ø 2.565 +.015 | 780-9229A10           |
| <b>14390</b>          | ø 2.565 +.030 | N/A                   |

*all pistons come with rings, pin and retainers*



#### Rings for above ø 2.565" pistons

| <u>GLM Ring No.</u> | <u>Size</u>   | <u>OEM Ring No.</u> |
|---------------------|---------------|---------------------|
| <b>14241</b>        | ø 2.565       | 39-18653A12         |
| <b>14251</b>        | ø 2.565 +.015 | 39-18653A1          |
| <b>14261</b>        | ø 2.565 +.030 | N/A                 |

*all rings come 2 to a set*



# Mercury / Mariner / Force

## 2 & 3-CYLINDER LOOPCHARGED PISTONS

### Loopcharged Pistons for 2 & 3-Cylinder 30-60 HP (1994-2002) Mercury / Mariner / Force

These engines use  $\varnothing$  2.993" (76mm) Pistons

|        |        |           |
|--------|--------|-----------|
| 30 HP  | 2-Cyl. | 1994-2002 |
| 30 Jet | 2-Cyl. | 1998-2002 |
| 40 HP  | 2-Cyl. | 1994-2002 |
| 40 HP  | 3-Cyl. | 1997-2002 |
| 50 HP  | 3-Cyl. | 1998-2002 |
| 55 HP  | 3-Cyl. | 1998-2002 |
| 60 HP  | 3-Cyl. | 1998-2002 |



#### Pistons for above engines

| <u>GLM Piston No.</u> | <u>Size</u>               | <u>OEM Piston No.</u> |
|-----------------------|---------------------------|-----------------------|
| <b>14790</b>          | $\varnothing$ 2.993       | 705-850026T3          |
| <b>14800</b>          | $\varnothing$ 2.993 +.015 | 705-850026T2          |

*all pistons come with rings, pin and retainers*



#### Rings for above $\varnothing$ 2.993" pistons

| <u>GLM Ring No.</u> | <u>Size</u>               | <u>OEM Ring No.</u> |
|---------------------|---------------------------|---------------------|
| <b>14171</b>        | $\varnothing$ 2.993       | 39-821695A4         |
| <b>14181</b>        | $\varnothing$ 2.993 +.015 | 39-821695A6         |

*all rings come 2 to a set*



# Mercury / Mariner / Force

## INLINE 2, 3, 4 & 6-CYLINDER CROSSFLOW PISTONS

### Crossflow Pistons for Inline 2, 3, 4 & 6-Cylinder 35-150 HP (1970-1990) Mercury / Mariner / Force

**These engines use ø 2.875" Low Dome Pistons**  
**Low Dome Piston Kits can replace High Dome Piston Kits**  
**and will not affect engines operation.**

|       |         |           |        |         |           |
|-------|---------|-----------|--------|---------|-----------|
| 35 HP | 2-Cyl.  | 1984-1989 | 80 HP  | L4-Cyl. | 1978-1983 |
| 40 HP | 2-Cyl.  | 1972-1983 | 85 HP  | L4-Cyl. | 1973-1977 |
| 50 HP | 3-Cyl.  | 1984-1990 | 90 HP  | L6-Cyl. | 1978-1986 |
| 60 HP | 3-Cyl.  | 1984-1990 | 115 HP | L6-Cyl. | 1984-1988 |
| 65 HP | 3-Cyl.  | 1973-1976 | 135 HP | L6-Cyl. | 1970-1971 |
| 70 HP | 3-Cyl.  | 1977-1983 | 140 HP | L6-Cyl. | 1978-1980 |
| 75 HP | L4-Cyl. | 1984-1986 | 150 HP | L6-Cyl. | 1973-1978 |



#### Pistons for above engines

| <u>GLM Piston No.</u> | <u>Size</u>   | <u>OEM Piston No.</u>    |
|-----------------------|---------------|--------------------------|
| <b>14010</b>          | ø 2.875       | 774-9137A9, 774-9137A12  |
| <b>14030</b>          | ø 2.875 +.015 | 774-9137A10, 774-9137A13 |
| <b>14050</b>          | ø 2.875 +.030 | 774-9137A11, 774-9137A14 |

*all pistons come with rings, pin and retainers*

#### Rings for above ø 2.875" pistons

| <u>GLM Ring No.</u> | <u>Size</u>   | <u>OEM Ring No.</u> |
|---------------------|---------------|---------------------|
| <b>14210</b>        | ø 2.875       | 39-817096A6         |
| <b>14220</b>        | ø 2.875 +.015 | 39-817096A16        |
| <b>14230</b>        | ø 2.875 +.030 | 39-817096A26        |

*all rings come 2 to a set*

# Mercury / Mariner / Force

## 3-CYLINDER LOOPCHARGED PISTONS

### Loopcharged Pistons for 3-Cylinder 50-60 HP (1998-2002) Mercury / Mariner / Force

These engines use  $\varnothing$  2.955" (75mm) Pistons

|       |        |           |
|-------|--------|-----------|
| 50 HP | 3-Cyl. | 1998-2002 |
| 55 HP | 3-Cyl. | 1998-2002 |
| 60 HP | 3-Cyl. | 1998-2002 |



#### Pistons for above engines

| <u>GLM Piston No.</u> | <u>Size</u>               | <u>OEM Piston No.</u> |
|-----------------------|---------------------------|-----------------------|
| <b>14070</b>          | $\varnothing$ 2.993       | 783-9613T1            |
| <b>14080</b>          | $\varnothing$ 2.993 +.015 | 783-9613T2            |
| <b>14090</b>          | $\varnothing$ 2.993 +.030 | 783-9613T3            |

*all pistons come with rings, pin and retainers*



#### Rings for above $\varnothing$ 2.955" pistons

| <u>GLM Ring No.</u> | <u>Size</u>               | <u>OEM Ring No.</u> |
|---------------------|---------------------------|---------------------|
| <b>14911</b>        | $\varnothing$ 2.993       | 39-19721A6          |
| <b>14921</b>        | $\varnothing$ 2.993 +.015 | 39-19721A1          |
| <b>14931</b>        | $\varnothing$ 2.993 +.030 | 39-19721A2          |

*all rings come 2 to a set*



# Mercury / Mariner / Force

## INLINE 3 & 4-CYLINDER LOOPCHARGED PISTONS

### Loopcharged Pistons for Inline 3 & 4-Cylinder 65-115 HP (1994-2000) Mercury / Mariner / Force

These engines use  $\varnothing$  3.500" Pistons

|        |         |           |
|--------|---------|-----------|
| 65 Jet | 3-Cyl.  | 1994-1998 |
| 75 HP  | 3-Cyl.  | 1994-2000 |
| 80 Jet | 3-Cyl.  | 1994-1998 |
| 90 HP  | 3-Cyl.  | 1994-2000 |
| 100 HP | L4-Cyl. | 1994-2000 |
| 115 HP | L4-Cyl. | 1994-2000 |



#### Pistons for above engines

| <u>GLM Piston No.</u> | <u>Size</u>               | <u>OEM Piston No.</u> |
|-----------------------|---------------------------|-----------------------|
| <b>14470</b>          | $\varnothing$ 3.500       | 2704-826191T4         |
| <b>14480</b>          | $\varnothing$ 3.500 +.015 | 2704-821896A3         |
| <b>14490</b>          | $\varnothing$ 3.500 +.030 | 2704-821896A4         |

*all pistons come with rings, pin and retainers*

#### Rings for above $\varnothing$ 3.500" pistons

| <u>GLM Ring No.</u> | <u>Size</u>               | <u>OEM Ring No.</u> |
|---------------------|---------------------------|---------------------|
| <b>14940</b>        | $\varnothing$ 3.500       | 39-822321A12        |
| <b>14950</b>        | $\varnothing$ 3.500 +.015 | 39-822321A1         |
| <b>14960</b>        | $\varnothing$ 3.500 +.030 | 39-822321A2         |

*all rings come 2 to a set*

# Mercury / Mariner / Force

## INLINE 3 & 4-CYLINDER LOOPCHARGED PISTONS

### Loopcharged Pistons for Inline 3 & 4-Cylinder 70-115 HP (1987-1993) Mercury / Mariner / Force

**These engines use ø 3.375" Pistons with Rod No. 638-8532-1**

|        |         |                       |           |
|--------|---------|-----------------------|-----------|
| 70 HP  | 3-Cyl.  | w/ Rod No. 638-8532-1 | 1987-1989 |
| 75 HP  | 3-Cyl.  | w/ Rod No. 638-8532-1 | 1990-1993 |
| 90 HP  | 3-Cyl.  | w/ Rod No. 638-8532-1 | 1987-1993 |
| 100 HP | L4-Cyl. | w/ Rod No. 638-8532-1 | 1989-1993 |
| 115 HP | L4-Cyl. | w/ Rod No. 638-8532-1 | 1989-1993 |



#### **Pistons for above engines**

| <u>GLM Piston No.</u> | <u>Size</u>   | <u>OEM Piston No.</u> |
|-----------------------|---------------|-----------------------|
| <b>14760</b>          | ø 3.375       | 777-9009T13           |
| <b>14770</b>          | ø 3.375 +.015 | 777-9009A6            |
| <b>14780</b>          | ø 3.375 +.030 | 777-9009A7            |

*all pistons come with rings, pin and retainers*

#### **Rings for above ø 3.375" pistons**

| <u>GLM Ring No.</u> | <u>Size</u>   | <u>OEM Ring No.</u> |
|---------------------|---------------|---------------------|
| <b>14910</b>        | ø 3.375       | 39-96170A12         |
| <b>14920</b>        | ø 3.375 +.015 | 39-96170A3          |
| <b>14930</b>        | ø 3.375 +.030 | 39-96170A4          |

*all rings come 2 to a set*

# Mercury / Mariner / Force

## INLINE 3 & 4-CYLINDER LOOPCHARGED PISTONS

### Loopcharged Pistons for Inline 3 & 4-Cylinder 70-115 HP (1987-1993) Mercury / Mariner / Force

**These engines use ø 3.375" Pistons with Rod No. 646-818846**

|        |         |                       |           |
|--------|---------|-----------------------|-----------|
| 70 HP  | 3-Cyl.  | w/ Rod No. 646-818846 | 1987-1989 |
| 75 HP  | 3-Cyl.  | w/ Rod No. 646-818846 | 1990-1993 |
| 90 HP  | 3-Cyl.  | w/ Rod No. 646-818846 | 1987-1993 |
| 100 HP | L4-Cyl. | w/ Rod No. 646-818846 | 1989-1993 |
| 115 HP | L4-Cyl. | w/ Rod No. 646-818846 | 1989-1993 |



#### Pistons for above engines

| <u>GLM Piston No.</u> | <u>Size</u>   | <u>OEM Piston No.</u> |
|-----------------------|---------------|-----------------------|
| <b>14660</b>          | ø 3.375       | 777-815965T4          |
| <b>14670</b>          | ø 3.375 +.015 | 777-815965A5          |
| <b>14680</b>          | ø 3.375 +.030 | 777-815965A6          |

*all pistons come with rings, pin and retainers*

#### Rings for above ø 3.375" pistons

| <u>GLM Ring No.</u> | <u>Size</u>   | <u>OEM Ring No.</u> |
|---------------------|---------------|---------------------|
| <b>14910</b>        | ø 3.375       | 39-96170A12         |
| <b>14920</b>        | ø 3.375 +.015 | 39-96170A3          |
| <b>14930</b>        | ø 3.375 +.030 | 39-96170A4          |

*all rings come 2 to a set*

# Mercury / Mariner / Force

## INLINE 2, 3, 4 & 6-CYL. PISTON KITS AND RINGS APPLICATIONS

| Model                                   | Country | Serial No. Range  | Pistons with Rings & Wrist Pins |             |             | Ring Sets |            |            |
|-----------------------------------------|---------|-------------------|---------------------------------|-------------|-------------|-----------|------------|------------|
|                                         |         |                   | STD Piston                      | .015 Piston | .030 Piston | STD Rings | .015 Rings | .030 Rings |
| 30 (300)                                | -       | 1271884-1448139   | N.L.A.                          | N.L.A.      | N/A         | N.L.A.    | N.L.A.     | N/A        |
| 30 (2-Cyl.) (644cc)                     | USA     | 0G053314 & Up     | 14790                           | 14800       | N/A         | 14171     | 14181      | N/A        |
| 30 (2-Cyl.) (430cc)                     | USA     | 0G575500 & Up     | -                               | -           | N/A         | -         | -          | N/A        |
| 30 Jet (4-Cyl.) w/ Square Rings         | USA     | 0C159200-0G589999 | 14370                           | 14380       | 14390       | 14241     | 14251      | 14261      |
| 30 Jet (4-Cyl.) w/ Keystone Rings       | USA     | 0C159200-0G589999 | 14370                           | 14380       | 14390       | 14241     | 14251      | 14261      |
| 30 Jet (3-Cyl.)                         | USA     | 0G590000 & Up     | 14790                           | 14800       | N/A         | 14171     | 14181      | N/A        |
| 35 (350, 35A)                           | -       | 1217222-1960826   | -                               | N.L.A.      | N/A         | -         | N.L.A.     | N/A        |
| 35 (350)                                | -       | 1960827-2874703   | N.L.A.                          | N.L.A.      | N/A         | N.L.A.    | N.L.A.     | N/A        |
| 35 (2-Cyl.)                             | USA     | 6445653 & Up      | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 35 (2-Cyl.)                             | BEL     | 9384476 & Up      | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 35 (2-Cyl.)                             | CAN     | 7209608 & Up      | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 40 (400) (2-Cyl.)                       | -       | 1279685-1476509   | N.L.A.                          | N.L.A.      | N/A         | N.L.A.    | N.L.A.     | N/A        |
| 40 (40, 402) (2-Cyl.)                   | USA     | 3336258-55556229  | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 40 (40, 402) (2-Cyl.)                   | AUS     | 8002335-8064749   | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 40 (40, 402) (2-Cyl.)                   | BEL     | 3339688-9251455   | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 40 (40, 402) (2-Cyl.)                   | CAN     | 3340783-7144762   | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 40 (2-Cyl.)                             | USA     | 5556230-0G053313  | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 40 (2-Cyl.)                             | AUS     | 8064750 & Up      | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 40 (2-Cyl.)                             | BEL     | 9251456 & Up      | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 40 (2-Cyl.)                             | CAN     | 7144763 & Up      | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 40 (2-Cyl.) (644cc)                     | USA     | 0G053314 & Up     | 14790                           | 14800       | N/A         | 14171     | 14181      | N/A        |
| 40 (3-Cyl.)                             | USA     | 0G531301 & Up     | 14790                           | 14800       | N/A         | 14171     | 14181      | N/A        |
| 40 (3-Cyl.)                             | BEL     | 9973100 & Up      | 14790                           | 14800       | N/A         | 14171     | 14181      | N/A        |
| 40 (4-Cyl.) w/ Keystone Rings           | USA     | 0C159200 & Up     | 14370                           | 14380       | 14390       | 14241     | 14251      | 14261      |
| 40 (4-Cyl.) w/ Keystone Rings           | BEL     | 9570790 & Up      | 14370                           | 14380       | 14390       | 14241     | 14251      | 14261      |
| 45 (450)                                | -       | 1476510-1531568   | N.L.A.                          | N.L.A.      | N/A         | -         | -          | N/A        |
| 45 (4-Cyl.) w/ Keystone Rings           | USA     | 5531630 & Up      | 14370                           | 14380       | 14390       | 14241     | 14251      | 14261      |
| 45 (4-Cyl.) w/ Keystone Rings           | AUS     | 8063985 & Up      | 14370                           | 14380       | 14390       | 14241     | 14251      | 14261      |
| 45 (4-Cyl.) w/ Keystone Rings           | BEL     | 9248006 & Up      | 14370                           | 14380       | 14390       | 14241     | 14251      | 14261      |
| 45 (4-Cyl.) w/ Keystone Rings           | CAN     | 7143688 & Up      | 14370                           | 14380       | 14390       | 14241     | 14251      | 14261      |
| 50 (500)                                | USA     | 1476510-2305100   | N.L.A.                          | N.L.A.      | N/A         | -         | -          | N/A        |
| 50 (500)                                | CAN     | 1755549-2305100   | N.L.A.                          | N.L.A.      | N/A         | -         | -          | N/A        |
| 50 (50, 500) (4-Cyl.) w/ Keystone Rings | USA     | 2305151 & Up      | 14370                           | 14380       | 14390       | 14241     | 14251      | 14261      |
| 50 (50, 500) (4-Cyl.) w/ Keystone Rings | AUS     | 2863739 & Up      | 14370                           | 14380       | 14390       | 14241     | 14251      | 14261      |
| 50 (50, 500) (4-Cyl.) w/ Keystone Rings | BEL     | 9001581 & Up      | 14370                           | 14380       | 14390       | 14241     | 14251      | 14261      |
| 50 (50, 500) (4-Cyl.) w/ Keystone Rings | CAN     | 2742142 & Up      | 14370                           | 14380       | 14390       | 14241     | 14251      | 14261      |
| 50 (3-Cyl.)                             | USA     | 6428681-0D000749  | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 50 (3-Cyl.)                             | BEL     | 9385111-9683054   | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 50 (3-Cyl.)                             | CAN     | 7208333 & Up      | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 50 (3-Cyl.)                             | USA     | 0D000750-0G589999 | 14070                           | 14080       | 14090       | 14911     | 14921      | 14931      |
| 50 (3-Cyl.)                             | BEL     | 9683055-9973099   | 14070                           | 14080       | 14090       | 14911     | 14921      | 14931      |
| 50 (3-Cyl.)                             | USA     | 0G590000 & Up     | 14790                           | 14800       | N/A         | 14171     | 14181      | N/A        |
| 50 (3-Cyl.)                             | BEL     | 9973100 & Up      | 14790                           | 14800       | N/A         | 14171     | 14181      | N/A        |
| 55 (3-Cyl.)                             | USA     | 0D000750-0G589999 | 14070                           | 14080       | 14090       | 14911     | 14921      | 14931      |
| 55 (3-Cyl.)                             | BEL     | 9683055-9973099   | 14070                           | 14080       | 14090       | 14911     | 14921      | 14931      |
| 55 (3-Cyl.)                             | USA     | 0G590000 & Up     | 14790                           | 14800       | N/A         | 14171     | 14181      | N/A        |
| 55 (3-Cyl.)                             | BEL     | 9973100 & Up      | 14790                           | 14800       | N/A         | 14171     | 14181      | N/A        |
| 60 (600)                                | USA     | 1303411-1542744   | N.L.A.                          | N.L.A.      | N/A         | -         | -          | N/A        |
| 60 (3-Cyl.)                             | USA     | 6428681-0D000749  | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 60 (3-Cyl.)                             | BEL     | 9385911-9683054   | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 60 (3-Cyl.)                             | CAN     | 720833 & Up       | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 60 (3-Cyl.)                             | USA     | 0D000750-0G589999 | 14070                           | 14080       | 14090       | 14911     | 14921      | 14931      |
| 60 (3-Cyl.)                             | BEL     | 9683055-9973099   | 14070                           | 14080       | 14090       | 14911     | 14921      | 14931      |
| 60 (3-Cyl.)                             | USA     | 0G590000 & Up     | 14790                           | 14800       | N/A         | 14171     | 14181      | N/A        |
| 60 (3-Cyl.)                             | BEL     | 9973100 & Up      | 14790                           | 14800       | N/A         | 14171     | 14181      | N/A        |
| 65 (650) (4-Cyl.)                       | -       | 1542745-2119748   | -                               | N.L.A.      | N/A         | -         | N.L.A.     | N/A        |
| 65 (650) (4-Cyl.)                       | -       | 2119749-3293183   | -                               | N.L.A.      | N/A         | -         | N.L.A.     | N/A        |
| 65 (650) (3-Cyl.)                       | USA     | 3293184-4571651   | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 65 (650) (3-Cyl.)                       | AUS     | 8006640-8042349   | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 65 (650) (3-Cyl.)                       | BEL     | 9020074-9135824   | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 65 (650) (3-Cyl.)                       | CAN     | 7013633-7087822   | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 65 Jet                                  | USA     | 0D283222 & Up     | 14470                           | 14480       | 14490       | 14940     | 14950      | 14960      |
| 70 (700) (6-Cyl.)                       | -       | 1296411-1566239   | N.L.A.                          | N.L.A.      | N/A         | -         | -          | N/A        |
| 70 (3-Cyl.)                             | USA     | 4571652-6428680   | 14010                           | 14020       | 14030       | 14210     | 14220      | 14230      |
| 70 (3-Cyl.)                             | AUS     | 8042350 & Up      | 14010                           | 14020       | 14030       | 14210     | 14220      | 14230      |
| 70 (3-Cyl.)                             | BEL     | 9135825-9385910   | 14010                           | 14020       | 14030       | 14210     | 14220      | 14230      |
| 70 (3-Cyl.)                             | CAN     | 7087823-7208332   | 14010                           | 14020       | 14030       | 14210     | 14220      | 14230      |
| 70 (3-Cyl.) w/ Rod No. 638-8532-1       | USA     | 0A996142 & Up     | 14760                           | 14770       | 14780       | 14910     | 14920      | 14930      |

# Mercury / Mariner / Force

## INLINE 2, 3, 4 & 6-CYL. PISTON KITS AND RINGS APPLICATIONS

| Model                              | Country | Serial No. Range  | Pistons with Rings & Wrist Pins |             |             | Ring Sets |            |            |
|------------------------------------|---------|-------------------|---------------------------------|-------------|-------------|-----------|------------|------------|
|                                    |         |                   | STD Piston                      | .015 Piston | .030 Piston | STD Rings | .015 Rings | .030 Rings |
| 70 (3-Cyl.) w/ Rod No. 638-8532-1  | BEL     | 9483121 & Up      | 14760                           | 14770       | 14780       | 14910     | 14920      | 14930      |
| 70 (3-Cyl.) w/ Rod No. 646-8188461 | USA     | 0A996142 & Up     | 14660                           | 14670       | 14680       | 14910     | 14920      | 14930      |
| 70 (3-Cyl.) w/ Rod No. 646-8188461 | BEL     | 9483121 & Up      | 14660                           | 14670       | 14680       | 14910     | 14920      | 14930      |
| 75 (4-Cyl.)                        | USA     | 6432901 & Up      | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 75 (4-Cyl.)                        | BEL     | 9393856 & Up      | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 75 (4-Cyl.)                        | CAN     | 7208573 & Up      | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 75 (3-Cyl.) w/ Rod No. 638-8532-1  | USA     | 0C222000-0D283221 | 14760                           | 14770       | 14780       | 14910     | 14920      | 14930      |
| 75 (3-Cyl.) w/ Rod No. 638-8532-1  | BEL     | 9589039-9793576   | 14760                           | 14770       | 14780       | 14910     | 14920      | 14930      |
| 75 (3-Cyl.) w/ Rod No. 646-818846  | USA     | 0C222000-0D283221 | 14660                           | 14670       | 14680       | 14910     | 14920      | 14930      |
| 75 (3-Cyl.) w/ Rod No. 646-818846  | BEL     | 9589039-9793576   | 14660                           | 14670       | 14680       | 14910     | 14920      | 14930      |
| 75 (3-Cyl.)                        | USA     | 0D283222 & Up     | 14470                           | 14480       | 14490       | 14940     | 14950      | 14960      |
| 75 (3-Cyl.)                        | BEL     | 9793577 & Up      | 14470                           | 14480       | 14490       | 14940     | 14950      | 14960      |
| 80 (80, 800) (4-Cyl.)              | USA     | 4831999-6432900   | 14010                           | 14020       | 14030       | 14210     | 14220      | 14230      |
| 80 (80, 800) (4-Cyl.)              | AUS     | 8050200 & Up      | 14010                           | 14020       | 14030       | 14210     | 14220      | 14230      |
| 80 (80, 800) (4-Cyl.)              | BEL     | 9177626-9393855   | 14010                           | 14020       | 14030       | 14210     | 14220      | 14230      |
| 80 (80, 800) (4-Cyl.)              | CAN     | 7110998-7208572   | 14010                           | 14020       | 14030       | 14210     | 14220      | 14230      |
| 80 Jet                             | USA     | 0D283222 & Up     | 14470                           | 14480       | 14490       | 14940     | 14950      | 14960      |
| 85 (850) (6-Cyl.)                  | -       | 1460999-1464848   | N.L.A.                          | N.L.A.      | N/A         | N.L.A.    | N.L.A.     | N/A        |
| 85 (850) (6-Cyl.)                  | -       | 1566240-1766823   | -                               | N.L.A.      | N/A         | -         | N.L.A.     | N/A        |
| 85 (850) (4-Cyl.)                  | USA     | 3493913-4831998   | 14010                           | 14020       | 14030       | 14210     | 14220      | 14230      |
| 85 (850) (4-Cyl.)                  | AUS     | 8005440-8050199   | 14010                           | 14020       | 14030       | 14210     | 14220      | 14230      |
| 85 (850) (4-Cyl.)                  | BEL     | 9011604-9177625   | 14010                           | 14020       | 14030       | 14210     | 14220      | 14230      |
| 85 (850) (4-Cyl.)                  | CAN     | 7010108-7110997   | 14010                           | 14020       | 14030       | 14210     | 14220      | 14230      |
| 90 (900) (6-Cyl.)                  | -       | 1766824-1869775   | -                               | N.L.A.      | N/A         | -         | N.L.A.     | N/A        |
| 90 (90, 900) (6-Cyl.)              | USA     | 4845301 & Up      | 14010                           | 14020       | 14030       | 14210     | 14220      | 14230      |
| 90 (90, 900) (6-Cyl.)              | AUS     | 8071020 & Up      | 14010                           | 14020       | 14030       | 14210     | 14220      | 14230      |
| 90 (90, 900) (6-Cyl.)              | CAN     | 7111698 & Up      | 14010                           | 14020       | 14030       | 14210     | 14220      | 14230      |
| 90 (3-Cyl.) w/ Rod No. 638-8532-1  | USA     | 0A996142-0D283221 | 14760                           | 14770       | 14780       | 14910     | 14920      | 14930      |
| 90 (3-Cyl.) w/ Rod No. 638-8532-1  | BEL     | 9483121-9793576   | 14760                           | 14770       | 14780       | 14910     | 14920      | 14930      |
| 90 (3-Cyl.) w/ Rod No. 646-818846  | USA     | 0A996142-0D283221 | 14660                           | 14670       | 14680       | 14910     | 14920      | 14930      |
| 90 (3-Cyl.) w/ Rod No. 646-818846  | BEL     | 9483121-9793576   | 14660                           | 14670       | 14680       | 14910     | 14920      | 14930      |
| 90 (3-Cyl.)                        | USA     | 0D283222 & Up     | 14470                           | 14480       | 14490       | 14940     | 14950      | 14960      |
| 90 (3-Cyl.)                        | BEL     | 9793577 & Up      | 14470                           | 14480       | 14490       | 14940     | 14950      | 14960      |
| 95 (950) (6-Cyl.)                  | -       | 1869776-2318585   | -                               | N.L.A.      | N/A         | -         | N.L.A.     | N/A        |
| 95 (950-E) (6-Cyl.)                | -       | 1869776-2318585   | -                               | N.L.A.      | N/A         | -         | -          | N/A        |
| 95 (950-E-SS) (6-Cyl.)             | -       | 1869776-2318585   | N.L.A.                          | N.L.A.      | N/A         | -         | -          | N/A        |
| 100 (1000) (6-Cyl.)                | -       | 1464949-2318585   | -                               | N.L.A.      | N/A         | -         | N.L.A.     | N/A        |
| 100 (1000 SS)                      | -       | 2318586-2836018   | N.L.A.                          | N.L.A.      | N/A         | -         | -          | N/A        |
| 100 (1000 BP)                      | -       | 2399698-3253111   | N.L.A.                          | N.L.A.      | N/A         | N.L.A.    | N.L.A.     | N/A        |
| 100 (4-Cyl.) w/ Rod No. 638-8532-1 | USA     | 0B209468-0D283221 | 14760                           | 14770       | 14780       | 14910     | 14920      | 14930      |
| 100 (4-Cyl.) w/ Rod No. 638-8532-1 | BEL     | 9523034-9793576   | 14760                           | 14770       | 14780       | 14910     | 14920      | 14930      |
| 100 (4-Cyl.) w/ Rod No. 646-818846 | USA     | 0B209468-0D283221 | 14660                           | 14670       | 14680       | 14910     | 14920      | 14930      |
| 100 (4-Cyl.) w/ Rod No. 646-818846 | BEL     | 9523034-9793576   | 14660                           | 14670       | 14680       | 14910     | 14920      | 14930      |
| 100 (4-Cyl.)                       | USA     | 0D283222 & Up     | 14470                           | 14480       | 14490       | 14940     | 14950      | 14960      |
| 100 (4-Cyl.)                       | BEL     | 9793577 & Up      | 14470                           | 14480       | 14490       | 14940     | 14950      | 14960      |
| 115 (1150) (6-Cyl.)                | -       | 2839019-3524440   | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 115 (115, 1150) (6-Cyl.)           | USA     | 3525441-5829463   | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 115 (115, 1150) (6-Cyl.)           | AUS     | 8008665-8071134   | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 115 (115, 1150) (6-Cyl.)           | CAN     | 7010763-7171252   | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 115 (6-Cyl.)                       | USA     | 5829464 & Up      | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 115 (6-Cyl.)                       | AUS     | 8071135 & Up      | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 115 (6-Cyl.)                       | CAN     | 7171253 & Up      | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 115 (4-Cyl.) w/ Rod No. 638-8532-1 | USA     | 0C100000-0D283221 | 14760                           | 14770       | 14780       | 14910     | 14920      | 14930      |
| 115 (4-Cyl.) w/ Rod No. 638-8532-1 | BEL     | 9559771-9793576   | 14760                           | 14770       | 14780       | 14910     | 14920      | 14930      |
| 115 (4-Cyl.) w/ Rod No. 646-818846 | USA     | 0C100000-0D283221 | 14660                           | 14670       | 14680       | 14910     | 14920      | 14930      |
| 115 (4-Cyl.) w/ Rod No. 646-818846 | BEL     | 9559771-9793576   | 14660                           | 14670       | 14680       | 14910     | 14920      | 14930      |
| 115 (4-Cyl.)                       | USA     | 0D283222 & Up     | 14470                           | 14480       | 14490       | 14940     | 14950      | 14960      |
| 115 (4-Cyl.)                       | BEL     | 9793577 & Up      | 14470                           | 14480       | 14490       | 14940     | 14950      | 14960      |
| 125 (1250) (6-Cyl.)                | -       | 2314956-2641954   | -                               | N.L.A.      | N/A         | -         | -          | N/A        |
| 125 (1250) (6-Cyl.)                | -       | 2641955-3253111   | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 135 (1350) (6-Cyl.)                | -       | 2839369-3293233   | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 140 (1400) (6-Cyl.)                | -       | 3293234-350805    | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 140 (140, 1400) (6-Cyl.)           | USA     | 4865678 & Up      | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 140 (140, 1400) (6-Cyl.)           | AUS     | 8052650 & Up      | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 140 (14000) (6-Cyl.)               | CAN     | 7112773 & Up      | 14010                           | 14030       | 14050       | 14210     | 14200      | 14230      |
| 150 (1500) (6-Cyl.)                | USA     | 3502806-5327662   | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 150 (1500) (6-Cyl.)                | AUS     | 8005615-8052649   | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |
| 150 (1500) (6-Cyl.)                | CAN     | 7010533-7112772   | 14010                           | 14030       | 14050       | 14210     | 14220      | 14230      |



# Mercury / Mariner / Force

## 60° V6 LOOPCHARGED PISTONS

### Loopcharged Pistons for V6 V-105 - V-150 (1979-2000) Mercury / Mariner / Force

**These engines use ø 3.125" pistons**

|           |        |                                           |
|-----------|--------|-------------------------------------------|
| V-105 Jet | 6-Cyl. | None - 0G760299                           |
| V-135     | 6-Cyl. | 0C239553 - 0T178499                       |
| V-135     | 6-Cyl. | 0C239553 - 0T178499 w/ Rod No. 644-818141 |
| V-140     | Jet    | None & Below - 0G760299                   |
| V-150     | 6-Cyl. | 0C239553 - 0G760299 w/ Rod No. 644-818141 |



#### Pistons for above engines

| <u>GLM Piston No.</u> |              | <u>Size</u>   | <u>OEM Piston No.</u> |             |
|-----------------------|--------------|---------------|-----------------------|-------------|
| Port                  | Starboard    |               | Port                  | Starboard   |
| <b>14115</b>          | <b>14125</b> | ø 3.125       | 765-7442T32           | 765-7441T32 |
| <b>14135</b>          | <b>14145</b> | ø 3.125 +.015 | 765-7444A11           | 765-7443A11 |
| <b>14155</b>          | <b>14165</b> | ø 3.125 +.030 | 765-7446A11           | 765-7445T11 |

*all pistons come with rings, pin and retainers*

#### Rings for above ø 3.125" pistons

| <u>GLM Ring No.</u> | <u>Size</u>   | <u>OEM Ring No.</u> |
|---------------------|---------------|---------------------|
| <b>14240</b>        | ø 3.125       | 39-93481A12         |
| <b>14250</b>        | ø 3.125 +.015 | 39-78918A4          |
| <b>14260</b>        | ø 3.125 +.030 | 39-85636A4          |

*all rings come 2 to a set, one keystone ring and one rectangle ring.*

# Mercury / Mariner / Force

## 60° V6 LOOPCHARGED PISTONS

### Loopcharged Pistons for V6 V-135 - V-175 (1976-2000) Mercury / Mariner / Force

**These engines use ø 3.125" pistons**

|       |        |                                         |
|-------|--------|-----------------------------------------|
| V-135 | 6-Cyl. | 0A904646 - 0D081999 w/ Rod No. 636-8118 |
| V-150 | 6-Cyl. | 4868998 - 0D081999 w/ Rod No. 636-8118  |
| V-150 | XR2    | 4868998 - 0A904645                      |
| V-175 | 6-Cyl. | 4301235 - 6618750                       |



#### Pistons for above engines

| <u>GLM Piston No.</u> |              | <u>Size</u>   | <u>OEM Piston No.</u> |             |
|-----------------------|--------------|---------------|-----------------------|-------------|
| Port                  | Starboard    |               | Port                  | Starboard   |
| <b>14110</b>          | <b>14120</b> | ø 3.125       | 765-7442T36           | 765-7441T36 |
| <b>14130</b>          | <b>14140</b> | ø 3.125 +.015 | 765-7444A12           | 765-7443A12 |
| <b>14150</b>          | <b>14160</b> | ø 3.125 +.030 | 765-7446T12           | 765-7445A12 |

*all pistons come with rings, pin and retainers*

#### Rings for above ø 3.125" pistons

| <u>GLM Ring No.</u> | <u>Size</u>   | <u>OEM Ring No.</u> |
|---------------------|---------------|---------------------|
| <b>14240</b>        | ø 3.125       | 39-93481A12         |
| <b>14250</b>        | ø 3.125 +.015 | 39-78918A4          |
| <b>14260</b>        | ø 3.125 +.030 | 39-85636A4          |

*all rings come 2 to a set, one keystone ring and one rectangle ring.*

# Mercury / Mariner / Force

## 60° V6 LOOPCHARGED PISTONS

### Loopcharged Pistons for V6 XR4, MAG II, V-175 - V225 (1978-1990) Mercury / Mariner / Force

#### These engines use ø 3.375" pistons

|             |        |                     |              |
|-------------|--------|---------------------|--------------|
| XR4, MAG II | 6-Cyl. | 0B242885 - 0D081999 | Chrome Rings |
| V-175       | 6-Cyl. | 0C239553 - 0D081999 | Chrome Rings |
| V-175       | 6-Cyl. | 6618751 - 0C239552  | Iron Rings   |
| V-200       | 6-Cyl. | 5624878 - 0C219519  | Iron Rings   |
| V-200 EFI   | 6-Cyl. | 0C100861 - 0C999999 | Iron Rings   |
| V-220       | 6-Cyl. | 0B117316 & Up       | Iron Rings   |
| V-225       | 6-Cyl. | 5628028 & Up        | Iron Rings   |



#### Pistons for above engines

| <u>GLM Piston No.</u>    |                          | <u>Size</u>   | <u>OEM Piston No.</u> |             |
|--------------------------|--------------------------|---------------|-----------------------|-------------|
| Port                     | Starboard                |               | Port                  | Starboard   |
| <b>14315</b> Iron Ring   | <b>14325</b> Iron Ring   | ø 3.375       | 766-8667T41           | 766-8666T41 |
| <b>14335</b> Iron Ring   | <b>14345</b> Iron Ring   | ø 3.375 +.015 | N/A                   | N/A         |
| <b>14355</b> Iron Ring   | <b>14365</b> Iron Ring   | ø 3.375 +.030 | N/A                   | N/A         |
| <b>14310</b> Chrome Ring | <b>14320</b> Chrome Ring | ø 3.375       | 766-8667T42           | 766-8666T42 |
| <b>14330</b> Chrome Ring | <b>14340</b> Chrome Ring | ø 3.375 +.015 | 766-8667A43           | 766-8666A43 |
| <b>14350</b> Chrome Ring | <b>14360</b> Chrome Ring | ø 3.375 +.030 | N/A                   | N/A         |

*all pistons come with rings, pin and retainers*

#### Rings for above ø 3.375" pistons

| <u>GLM Ring No.</u> | <u>Size</u>   | <u>OEM Ring No.</u> | <u>GLM Ring No.</u> | <u>Size</u>   | <u>OEM Ring No.</u> |
|---------------------|---------------|---------------------|---------------------|---------------|---------------------|
| <b>14275</b> Iron   | ø 3.375       | 39-813011A12        | <b>14270</b> Chrome | ø 3.375       | 39-18487A12         |
| <b>14285</b> Iron   | ø 3.375 +.015 | N/A                 | <b>14280</b> Chrome | ø 3.375 +.020 | 39-815267A4         |
| <b>14295</b> Iron   | ø 3.375 +.030 | N/A                 | <b>14290</b> Chrome | ø 3.375 +.030 | N/A                 |

*all rings come 2 to a set, one keystone ring and one rectangle ring.*

# Mercury / Mariner / Force

## 60° V6 LOOPCHARGED PISTONS

### Loopcharged Pistons for V6 XR2, XR6, MAG III, V-140 - V-200 (1991-2000) Mercury / Mariner / Force

#### These engines use ø 3.50" pistons

|                        |        |                     |                       |
|------------------------|--------|---------------------|-----------------------|
| V-140 Jet              | 6-Cyl. | 0G760300 - 0T178499 |                       |
| XR6, MAG III           | 6-Cyl. | 0D082000 - 1B226999 |                       |
| 150 XRI                | 6-Cyl. | 0D082000 - 0G303045 |                       |
| 175 XRI                | 6-Cyl. | 0D000750 - 0G303045 |                       |
| V-175 (2.5L)           | 6-Cyl. | 0D082000 - 0G960499 |                       |
| 200 XRI                | 6-Cyl. | 0C291520 - 0G303045 |                       |
| V-200 (2.5L)           | 6-Cyl. | 0D082000 - 1B226999 |                       |
| 1991 Only V-200 (2.5L) | 6-Cyl. | 0C291520 - 0D081999 | w/ Rod No. 644-818141 |
| V-200 EFI              | 6-Cyl. | 0G303046 - 0T408999 | w/ Rod No. 644-818141 |



#### Pistons for above engines

| <u>GLM Piston No.</u> |              | <u>Size</u>  | <u>OEM Piston No.</u> |             |
|-----------------------|--------------|--------------|-----------------------|-------------|
| Port                  | Starboard    |              | Port                  | Starboard   |
| <b>14410</b>          | <b>14420</b> | ø 3.50       | 785-9737T9            | 785-9738T9  |
| <b>14430</b>          | <b>14440</b> | ø 3.50 +.015 | 785-9737A10           | 785-9738T10 |
| <b>14450</b>          | <b>14460</b> | ø 3.50 +.030 | N/A                   | N/A         |

*all pistons come with 2.0 mm thickness rings, pin and retainers*

#### Rings for above ø 3.500" pistons. Rings 2.0 mm Thickness & 1.5 mm Thickness

| <u>GLM Ring No.</u> | <u>Size</u>         | <u>OEM Ring No.</u> | <u>GLM Ring No.</u> | <u>Size</u>          | <u>OEM Ring No.</u> |
|---------------------|---------------------|---------------------|---------------------|----------------------|---------------------|
| <b>14940</b>        | 2.0 mm ø 3.50       | 39-822321A12        | <b>14970</b>        | 1.5 mm ø 3.500       | 39-815515A12        |
| <b>14950</b>        | 2.0 mm ø 3.50 +.015 | 39-822321A1         | <b>14980</b>        | 1.5 mm ø 3.500 +.015 | 39-815268A4         |
| <b>14960</b>        | 2.0 mm ø 3.50 +.030 | 39-822321A2         | <b>14990</b>        | 1.5 mm ø 3.500 +.030 | N/A                 |

*all rings come 2 to a set, one keystone ring and one rectangle ring.*



# Mercury / Mariner / Force

| V6 PISTON KITS AND RINGS APPLICATIONS |         |                   |                                 |           |           |               |                |                |           |       |       |
|---------------------------------------|---------|-------------------|---------------------------------|-----------|-----------|---------------|----------------|----------------|-----------|-------|-------|
| Model                                 | Country | Serial No. Range  | Pistons with Rings & Wrist Pins |           |           |               |                |                | Ring Sets |       |       |
|                                       |         |                   | Port STD                        | Port .015 | Port .030 | Starboard STD | Starboard .015 | Starboard .030 | STD       | .015  | .030  |
| V-105 Jet                             | USA     | 0D082000 and Up   | 14115                           | 14135     | 14155     | 14125         | 14145          | 14165          | 14240     | 14250 | 14260 |
| V-135 w/ Rod No. 636-8118             | USA     | 0A904646-0D081999 | 14110                           | 14130     | 14150     | 14120         | 14140          | 14160          | 14240     | 14250 | 14260 |
| V-135 w/ Rod No. 644-818141           | USA     | 0A904646-0D081999 | 14115                           | 14135     | 14155     | 14125         | 14145          | 14165          | 14240     | 14250 | 14260 |
| V-135                                 | USA     | 0D082000 and Up   | 14115                           | 14135     | 14155     | 14125         | 14145          | 14165          | 14240     | 14250 | 14260 |
| V-135 DFI                             | USA     | 0G590000 and Up   | -                               | N/A       | N/A       | -             | N/A            | N/A            | -         | N/A   | N/A   |
| V-140 Jet                             | USA     | 0D082000-0G303045 | 14410                           | 14430     | 14450     | 14420         | 14440          | 14460          | 14970     | 14980 | 14990 |
| V-140 Jet                             | USA     | 0G303046 and Up   | 14410                           | 14430     | 14450     | 14420         | 14440          | 14460          | 14970     | 14980 | 14990 |
| V-150 w/ Rod No. 636-8118             | USA     | 0A904646-0D081999 | 14110                           | 14130     | 14150     | 14120         | 14140          | 14160          | 14240     | 14250 | 14260 |
| V-150 w/ Rod No. 644-818141           | USA     | 0A904646-0D081999 | 14115                           | 14135     | 14155     | 14125         | 14145          | 14165          | 14240     | 14250 | 14260 |
| V-150                                 | USA     | 0D082000 and Up   | 14115                           | 14135     | 14155     | 14125         | 14145          | 14165          | 14240     | 14250 | 14260 |
| V-150 DFI                             | USA     | 0G590000 and Up   | -                               | N/A       | N/A       | -             | N/A            | N/A            | -         | N/A   | N/A   |
| XR4, MAG II                           | USA     | 0C239553-0D081999 | 14310                           | 14330     | 14350     | 14320         | 14340          | 14360          | 14270     | 14280 | 14290 |
| XR6, MAG III                          | USA     | 0D082000 and Up   | 14410                           | 14430     | 14450     | 14420         | 14440          | 14460          | 14970     | 14980 | 14990 |
| V-175                                 | USA     | 4301235-5393736   | 14110                           | 14130     | 14150     | 14120         | 14140          | 14160          | 14240     | 14250 | 14260 |
| V-175                                 | USA     | 8058870-8064249   | 14110                           | 14130     | 14150     | 14120         | 14140          | 14160          | 14240     | 14250 | 14260 |
| V-175                                 | USA     | 5393737-6618750   | 14110                           | 14130     | 14150     | 14120         | 14140          | 14160          | 14240     | 14240 | 14260 |
| V-175                                 | USA     | 8064250 and Up    | 14110                           | 14130     | 14150     | 14120         | 14140          | 14160          | 14240     | 14250 | 14260 |
| V-175                                 | USA     | 6618751-0C239552  | 14315                           | 14335     | 14355     | 14325         | 14345          | 14365          | 14275     | 14285 | 14295 |
| V-175                                 | USA     | 0C239553-0D081999 | 14310                           | 14330     | 14350     | 14320         | 14340          | 14360          | 14270     | 14280 | 14290 |
| V-175                                 | USA     | 0D082000-0G303045 | 14410                           | 14430     | 14450     | 14420         | 14440          | 14460          | 14970     | 14980 | 14990 |
| V-175                                 | USA     | 0G303046 and Up   | 14410                           | 14430     | 14450     | 14420         | 14440          | 14460          | 14970     | 14980 | 14990 |
| V-200                                 | USA     | 4839034-5363917   | 14315                           | 14335     | 14355     | 14325         | 14345          | 14365          | 14275     | 14285 | 14295 |
| V-200                                 | USA     | 5363918-6073191   | 14315                           | 14335     | 14355     | 14325         | 14345          | 14365          | 14275     | 14285 | 14295 |
| V-200                                 | USA     | 8061595-8065672   | 14315                           | 14335     | 14355     | 14325         | 14345          | 14365          | 14275     | 14285 | 14295 |
| V-200                                 | USA     | 6072192-0C291519  | 14315                           | 14335     | 14355     | 14325         | 14345          | 14365          | 14275     | 14285 | 14295 |
| V-200 w/ Rod No. 636-8118             | USA     | 0C291520-0D081999 | -                               | -         | -         | -             | -              | -              | 14970     | 14980 | 14990 |
| V-200 w/ Rod No. 644-818141           | USA     | 0C291520-0D081999 | 14410                           | 14430     | 14450     | 14420         | 14440          | 14460          | 14970     | 14980 | 14990 |
| V-200                                 | USA     | 0D082000-0G303045 | 14410                           | 14430     | 14450     | 14420         | 14440          | 14460          | 14970     | 14980 | 14990 |
| V-200                                 | USA     | 0G303046 and Up   | 14410                           | 14430     | 14450     | 14420         | 14440          | 14460          | 14970     | 14980 | 14990 |
| V-200 DFI                             | USA     | 0G386496-0G589999 | -                               | N/A       | N/A       | -             | N/A            | N/A            | -         | N/A   | N/A   |
| V-200 DFI                             | USA     | 0G590000 and Up   | -                               | N/A       | N/A       | -             | N/A            | N/A            | -         | N/A   | N/A   |
| V-220 Laser                           | USA     | 0B117316 and Up   | 14315                           | 14335     | 14355     | 14325         | 14345          | 14365          | 14275     | 14285 | 14295 |
| V-225 (2.4L)                          | USA     | 5628028 and Up    | 14315                           | 14335     | 14355     | 14325         | 14345          | 14365          | 14275     | 14285 | 14295 |
| V-225 (3.0L)                          | USA     | 0D280813 and Up   | -                               | -         | -         | -             | -              | -              | -         | -     | -     |
| V-225 DFI                             | USA     | 0G590000 and Up   | -                               | N/A       | N/A       | -             | N/A            | N/A            | -         | N/A   | N/A   |
| V-250 (3.4L) w/ Piston Casting No.    | USA     | 0C101891 and Up   | -                               | N/A       | N/A       | -             | N/A            | N/A            | -         | N/A   | N/A   |
| V-250 (3.4L) w/ Piston Casting No.    | USA     | 0C101891 and Up   | N.L.A.                          | N/A       | N/A       | N.L.A.        | N/A            | N/A            | -         | N/A   | N/A   |
| V-275 (3.4L) w/ Piston Casting No.    | USA     | 0C101891 and Up   | -                               | N/A       | N/A       | -             | N/A            | N/A            | -         | N/A   | N/A   |
| V-275 (3.4L) w/ Piston Casting No.    | USA     | 0C101891 and Up   | N.L.A.                          | N/A       | N/A       | N.L.A.        | N/A            | N/A            | -         | N/A   | N/A   |
| V-300 (3.4L)                          | USA     | 5611648 and Up    | N.L.A.                          | N/A       | N/A       | N.L.A.        | N/A            | N/A            | -         | N/A   | N/A   |
|                                       |         |                   |                                 |           |           |               |                |                |           |       |       |



## Section 9

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### Mercury / Mariner / Force Powerhead Bearings and Seals

|                                                                        |                |
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# Mercury / Mariner / Force

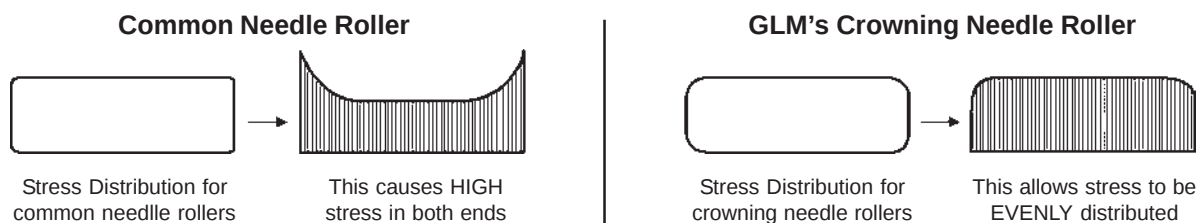
## GLM'S NEEDLE & CAGED BEARINGS

They look the same but are NOT the same!

Our needle rollers are mainly supplied by needle roller specialist or OEM manufacturers. The rollers are made of Bearing Steel (SAG 52100) and have been subjected to heat treatment and precision grinding. The hardness is HV700-860 (HRC 60-66). Both ends of our rollers used in marine engines are shaped with a special profile, known as "crowning".

### What is Crowning?

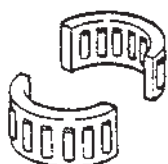
Crowning is also known as "controlled contour", or coded as "ZB2". The crowning is to shape both ends, in a .040"-.080" area, to have a parabolic curvature (as the figure below, however it is difficult to see this curvature with the naked eye). The purpose of crowning is to avoid high stress concentration at the end areas of rollers and to ensure even contact stress between rollers and the race. Because the crowning lessens the rollers' maximum stress, it can increase bearing life significantly.



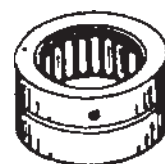
### How About the Cages?

Because the cage is constantly subject to friction between rollers and the race, the hardness of each corresponding contact area must be assigned appropriately to achieve optimal bearing life. As a general rule, the roller and surface of the inner and outer races should have higher hardness, HV 700~860 (HRC 60~66), to ensure wear resistance. The hardness of the cage should be slightly less than the rollers. Also, the cage material should be tough enough to avoid cage fracture during high-load, high-speed operation.

To ensure the high-quality heat treatment of the cages, GLM cages use Swiss made, automatic carbonitriding furnace. The strict quality inspection also applied to every production lot to make sure the surface hardness, case depth, and toughness are consistent with the top quality standards.



GLM's Cages use High Quality  
Swiss Made Automatic Carbonitriding  
Furnace Heat Treatment



# Mercury / Mariner / Force

## Bearings for the Small End of the Connecting Rod (2-Stroke)

The bearings for the small end of the connecting rod are the key components to transmit the explosion force. To reduce the impact and noise level, the inner diameter of the bearing cage will move against the piston pin that is called the “inner guide”. Because the bearing for the small end of the cage is designed as a concave shape, it can reduce weight and also ensure that rollers can easily obtain lubricant. The cage material of these bearings is SCM 415 (JIS) alloy steel that has been subjected to the carbonitriding and heat treatment. The overall bearing structure is high rigidity, allowing it to withstand the impact of high-speed engine. The cage can be copper or silver-plated in order to reduce the friction between the bearing and connecting rod during break-in and increase the life of the bearings.

## Bearings for the Big End of the Connecting Rod

Bearings for the big end of the connecting rod rotate around the crankshaft pin in a eccentric motion. Because the centrifugal force is proportional to the square of the rotational speed, the high speed engine application (over 8000 rpm) bearings must have an especially strong cage structure.

Usually GLM's needle bearing roller uses SCM 415/420 (JIS) alloy steel with carbonitriding and heat treatment, same as cage material. It has better fatigue and wear resistance. The cage should be electroplated (with copper or silver) when the bearings for the big end of connection rod are used in engines with maximum speeds of over 8,000 rpm. This plated surface ensures a smooth run-in between the cage and the race. To avoid hydrogen embrittlement, we treat all electroplated bearing cages with a de-hydrogen process after the plating. The cage material of these bearings are STKM-13C or SPCC, and the deviation of the diameter of the roller is 3 micron.

## What are the Main Causes of Bearing Failure?

- The cage cracks due to poor manufacturing and non qualified materials.
- The needle rollers fatigue caused by overloading.
- Wear on the rolling surfaces (Piston Pin, Crankshaft & Connecting Rod).
- Abnormal friction or insufficient lubrication causes overheating damage.

## Troubleshooting Tips

For wear on the rolling surfaces inspect the following parts; Connecting Rod, Piston Pins and Crankshaft. The big end of the connecting rod surface roughness should be below 0.15Ra. The roughness in the small end of the connecting rods should be below 0.2R. The roundness and cylindricity of the big end of the connecting rods must be within 0.003mm. Parallelism between the big and small end of the connecting rods are 0.0008”/ 4.0000” for High-speed engine and 0.0025”/4.0000” for normal usage engine.

The Piston Pins surface roughness below 0.15Ra and Crankshaft surface roughness below 0.2Ra. Both parts roundness and cylindricity to be within 0.002mm.

# Mercury / Mariner / Force

## NEEDLE BEARING IDENTIFICATION

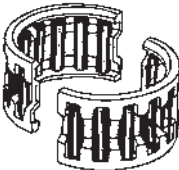
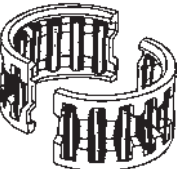
|                                                                                            |                                                                                          |                                                                                            |
|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <b>No. 16100</b><br>OEM: 29-20046T<br><b>Diameter ø:</b> 3.22mm<br><b>Length:</b> 12.80 mm | <b>No. 16140</b><br>OEM: 29-20063<br><b>Diameter ø:</b> 3/32"<br><b>Length:</b> .4375"   | <b>No. 16110</b><br>OEM: 29-26815<br><b>Diameter ø:</b> 2.35 mm<br><b>Length:</b> 12.60 mm |
| <b>No. 16160</b><br>OEM: 29-39656<br><b>Diameter ø:</b> 3/32"<br><b>Length:</b> 1/2"       | <b>No. 16120</b><br>OEM: 29-47270<br><b>Diameter ø:</b> 3/32"<br><b>Length:</b> 41/64"   | <b>No. 16130</b><br>OEM: 29-47897<br><b>Diameter ø:</b> 7/64"<br><b>Length:</b> 19/32"     |
| <b>No. 16170</b><br>OEM: 29-67483<br><b>Diameter ø:</b> 3/32"<br><b>Length:</b> 51/64"     | <b>No. 16150</b><br>OEM: 29-71422-1<br><b>Diameter ø:</b> 5/32"<br><b>Length:</b> 39/64" | <b>No. 16250</b><br>OEM: 29-818391<br><b>Diameter ø:</b> 3/32"<br><b>Length:</b> 59/64"    |
| <b>No. 16260</b><br>OEM: 29-822553<br><b>Diameter ø:</b> 3/32"<br><b>Length:</b> 45/64"    | <b>No. 16180</b><br>OEM: 29-88258<br><b>Diameter ø:</b> 3/32"<br><b>Length:</b> 1-1/32"  | <b>No. 16190</b><br>OEM: 29-98295<br><b>Diameter ø:</b> 3/32"<br><b>Length:</b> 33/64"     |

ALL NEEDLE BEARINGS SOLD PER PACK. EACH PACK CONTAINS 200 PCS.

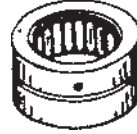
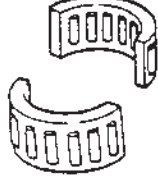
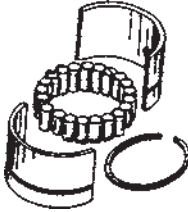
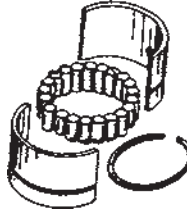
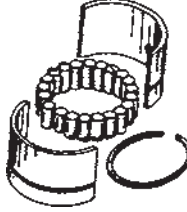
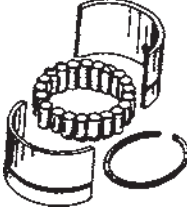
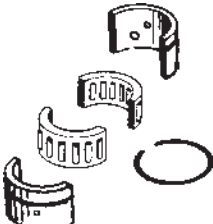
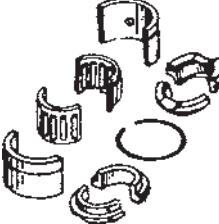


## POWERHEAD BEARINGS

### Connecting Rod Bearings - Big End

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>No. 16200</b><br>OEM: 31-17514A1, 31-17514A2<br><br>Needle Qty:16<br>Metal Cage<br><br>ø 1.1825<br>Journal Size<br>30mm                                                                  | <b>No. 16400</b><br>OEM: 31-17514A2<br><br>Needle Qty:16<br>Plastic Cage<br><br>ø 1.1825<br>Journal Size<br>30mm  <p><b>SUP TO 16200</b></p>                                                                             |
| <b>No. 16420</b><br>OEM: 31-43012A1<br><br>Needle Qty:16<br>Metal Cage<br><br>ø 1.4063<br>Journal Size   | <b>No. 16210</b><br>OEM: 31-62596A1<br><br>Needle Qty:16<br>Metal Cage<br><br>ø 1.125<br>Journal Size                               |
| <b>No. 16410</b><br>OEM: 31-879877A1<br><br>Needle Qty:16<br>Metal Cage<br><br>ø 0.875<br>Journal Size   | <b>No. 16430</b><br>OEM: 31-43012A2<br><br>Needle Qty:16<br>Metal Cage<br><br>ø 1.4063<br>Journal Size   <p><b>SUP TO 16420</b></p> |

# Mercury / Mariner / Force

| POWERHEAD BEARINGS                                                                                                                                                                           |                                                                                                                                                                                                    |                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Center Bearings                                                                                                                                                                              |                                                                                                                                                                                                    |                                                                                                                                             |
| <b>No. 16500</b><br>ROLLER BEARING<br>OEM: 31-16756A4<br>                                                   | <b>No. 16510</b><br>ROLLER BEARING<br>OEM: 31-43013T3<br>                                                         | <b>No. 16520</b><br>ROLLER BEARING<br>OEM: 31-74248T<br> |
| <b>No. 16530</b><br>ROLLER BEARING<br>OEM: 31-816773A1<br>                                                  | <b>No. 16540</b><br>ROLLER BEARING<br>OEM: 31-93496T<br>                                                        |                                                                                                                                             |
| <b>No. 22800</b><br>OEM: 31-67445<br><br>Needle<br>Qty:16<br><br>Metal<br>Cage<br><br>ø 1.375 Journal Size | <b>No. 22810</b><br>OEM: 31-88269T<br><br>Needle<br>Qty:16<br><br>Plastic<br>Cage<br><br>ø 2.1875 Journal Size |                                                                                                                                             |
| <b>No. 16600</b><br>ROLLER BEARING<br>OEM: 42943A1<br>                                                    | <b>No. 16610</b><br>ROLLER BEARING<br>OEM: 812881A1<br>                                                       |                                                                                                                                             |
| <b>No. 16620</b><br>ROLLER BEARING<br>OEM: 87001A1<br>                                                    | <b>No. 16630</b><br>ROLLER BEARING<br>OEM: 827955A2<br>                                                       |                                                                                                                                             |
| <b>No. 16440</b><br>ROLLER BEARING<br>OEM: 31-16756A6<br>                                                 | <b>No. 16460</b><br>ROLLER BEARING<br>OEM: 86992A5<br>                                                        |                                                                                                                                             |

# Mercury / Mariner / Force

## BEARING APPLICATIONS

| Model                       | Year     | Country | Serial No. Range  | Center Bearing | Connecting Rod Bearing Small End | Connecting Rod Bearing Big End |
|-----------------------------|----------|---------|-------------------|----------------|----------------------------------|--------------------------------|
| 3.5                         | 1983-85  | USA     | 6202173 and Up    | N/A            | N.L.A.                           | 16110                          |
| 3.6                         | 1980-82  | USA     | 5404657 and Up    | N/A            | N.L.A.                           | 16110                          |
| 3.6                         | 1980-82  | BEL     | 9252831 and Up    | N/A            | N.L.A.                           | 16110                          |
| 3.6                         | 1980-82  | CAN     | 7145388 and Up    | N/A            | N.L.A.                           | 16110                          |
| 3.9 (39) (1-Cyl.)           | 1964-68  | -       | 16655013-2498135  | N/A            | N.L.A.                           | 16110                          |
| 4 (40) (1-Cyl.)             | 1969-74  | USA     | 2498136-4107219   | N/A            | N.L.A.                           | 16110                          |
| 4 (40) (1-Cyl.)             | 1972-74  | AUS     | 3306257-8026439   | N/A            | N.L.A.                           | 16110                          |
| 4 (40) (1-Cyl.)             | 1972-74  | BEL     | 9000306-9072178   | N/A            | N.L.A.                           | 16110                          |
| 4 (40) (1-Cyl.)             | 1972-74  | CAN     | 3305152-7045757   | N/A            | N.L.A.                           | 16110                          |
| 4 (1-Cyl.)                  | 1982-86  | USA     | 5595532 and Up    | N/A            | N.L.A.                           | 16110                          |
| 4 (1-Cyl.)                  | 1982-86  | AUS     | 8068065 and Up    | -              | -                                | -                              |
| 4 (1-Cyl.)                  | 1982-86  | BEL     | 9258281 and Up    | N/A            | N.L.A.                           | 16110                          |
| 4 (1-Cyl.)                  | 1982-86  | CAN     | 7147238 and Up    | N/A            | N.L.A.                           | 16110                          |
| 4 (1-Cyl.)                  | 1987-88  | USA     | 0A809601 and Up   | N/A            | -                                | -                              |
| 4 (1-Cyl.)                  | 1987-88  | BEL     | 9477830 and Up    | N/A            | -                                | -                              |
| 4 (40) (2-Cyl.) (Gnat)      | 1976-79  | BEL     | 9075839-9256980   | -              | N.L.A.                           | -                              |
| 4 (40) (2-Cyl.) (Gnat)      | 1976-79  | CAN     | 7085673-7146487   | -              | N.L.A.                           | -                              |
| 4 (40) (2-Cyl.)             | 1980-81  | USA     | 5589202 and Up    | -              | N.L.A.                           | -                              |
| 4 (40) (2-Cyl.)             | 1980-81  | AUS     | 8065265 and Up    | -              | N.L.A.                           | -                              |
| 4 (40) (2-Cyl.)             | 1980-81  | BEL     | 9256981 and Up    | -              | N.L.A.                           | -                              |
| 4 (40) (2-Cyl.)             | 1980-81  | CAN     | 7146488 and Up    | -              | N.L.A.                           | -                              |
| 4.5 (1-Cyl.)                | 1975-79  | USA     | 4107220 and Up    | N/A            | N.L.A.                           | 16110                          |
| 4.5 (1-Cyl.)                | 1975-79  | AUS     | 8026540 and Up    | N/A            | N.L.A.                           | 16110                          |
| 4.5 (1-Cyl.)                | 1975-79  | BEL     | 9072179 and Up    | N/A            | N.L.A.                           | 16110                          |
| 4.5 (1-Cyl.)                | 1975-79  | CAN     | 7045758 and Up    | N/A            | N.L.A.                           | 16110                          |
| 4.5 (1-Cyl.)                | 1980-85  | USA     | 5595532 and Up    | N/A            | N.L.A.                           | 16110                          |
| 4.5 (1-Cyl.)                | 1980-85  | AUS     | 8068065 and Up    | N/A            | N.L.A.                           | 16110                          |
| 4.5 (1-Cyl.)                | 1980-85  | BEL     | 9258281 and Up    | N/A            | N.L.A.                           | 16110                          |
| 4.5 (1-Cyl.)                | 1980-85  | CAN     | 7147238 and Up    | N/A            | N.L.A.                           | 16110                          |
| 5 (1-Cyl.)                  | 1987-89  | USA     | 0A809601 and Up   | N/A            | -                                | -                              |
| 5 (1-Cyl.)                  | 1987-89  | BEL     | 9477830 and Up    | N/A            | -                                | -                              |
| 6 (60)                      | 1966-68  | -       | 1916139-2529894   | N/A            | -                                | -                              |
| 6                           | 1986-93  | USA     | 0A197112 and Up   | -              | -                                | -                              |
| 6                           | 1986-93  | BEL     | 9461526 and Up    | -              | -                                | -                              |
| 7.5 (75)                    | 1969-78  | USA     | 2529895-5226934   | N/A            | N.L.A.                           | 16110                          |
| 7.5 (75)                    | 1974-77  | AUS     | 8015315-8058019   | N/A            | N.L.A.                           | 16110                          |
| 7.5 (75)                    | 1974-77  | BEL     | 9043194-9219255   | N/A            | N.L.A.                           | 16110                          |
| 7.5 (75)                    | 1974-77  | CAN     | 7028598-7136037   | N/A            | N.L.A.                           | 16110                          |
| 7.5                         | 1979-86  | USA     | 5206550 and Up    | N/A            | N.L.A.                           | 16110                          |
| 7.5                         | 1979-86  | AUS     | 8057545 and Up    | N/A            | N.L.A.                           | 16110                          |
| 7.5                         | 1979-86  | BEL     | 9217756 and Up    | N/A            | N.L.A.                           | 16110                          |
| 7.5                         | 1979-86  | CAN     | 7125388 and Up    | N/A            | N.L.A.                           | 16110                          |
| 8                           | 1986-93  | USA     | 0A197112 and Up   | -              | -                                | -                              |
| 8                           | 1986-93  | BEL     | 9461526 and Up    | -              | -                                | -                              |
| 9.8                         | 1979-85  | USA     | 5206550 and Up    | N/A            | N.L.A.                           | 16110                          |
| 9.8                         | 1979-85  | AUS     | 8057545 and Up    | N/A            | N.L.A.                           | 16110                          |
| 9.8                         | 1979-85  | BEL     | 9217756 and Up    | N/A            | N.L.A.                           | 16110                          |
| 9.8                         | 1979-85  | CAN     | 7127388 and Up    | N/A            | N.L.A.                           | 16110                          |
| 9.8 (110)                   | 1963-77  | USA     | 1470349-5206549   | N/A            | N.L.A.                           | 16110                          |
| 9.8 (110)                   | 1974-77  | AUS     | 8015040-8057544   | N/A            | N.L.A.                           | 16110                          |
| 9.8 (110)                   | 1974-77  | BEL     | 9041439-9217755   | N/A            | N.L.A.                           | 16110                          |
| 9.8 (110)                   | 1974-77  | CAN     | 7027323-7125387   | N/A            | N.L.A.                           | 16110                          |
| 9.9                         | 1986-93  | USA     | 0A197112-0G112449 | -              | -                                | -                              |
| 9.9                         | 1986-93  | BEL     | 9461526-9831799   | -              | -                                | -                              |
| 9.9                         | 1994-98  | USA     | 0G112450 and Up   | -              | -                                | -                              |
| 9.9                         | 1994-98  | BEL     | 9831800 and Up    | -              | -                                | -                              |
| 10 (100)                    | 1960-62  | -       | 1290910 and Up    | N.L.A.         | 16140                            | 16100                          |
| 10 (Marathon XR10, Sea Pro) | 1990-93  | USA     | 0D038000 and Up   | -              | -                                | -                              |
| 10 (Marathon XR10, Sea Pro) | 1990-93  | BEL     | 9596000 and Up    | -              | -                                | -                              |
| 15 (150)                    | 1960-62  | -       | 1290910-1499331   | N.L.A.         | 16140                            | 16100                          |
| 15                          | 1988-93  | USA     | 0B292414 and Up   | -              | -                                | -                              |
| 15                          | 1988-93  | BEL     | 9542620 and Up    | -              | -                                | -                              |
| 15 (Export Sea Pro)         | 1994-96  | USA     | 0G044365-0G202749 | 16460          | 16190                            | 16410                          |
| 15 (Export Sea Pro)         | 1994-96  | USA     | 0G202750 and Up   | 16460          | 16190                            | 16410                          |
| 15 (Sea Pro)                | 1997-98  | USA     | 0G438000 and Up   | -              | -                                | -                              |
| 15 (Sea Pro)                | 1997-98  | BEL     | 9927000 and Up    | -              | -                                | -                              |
| 15 (Marathon Sea Pro)       | 1997-98  | BEL     | 9927000 and Up    | 16460          | 16190                            | 16410                          |
| 15 (Super)                  | 1994-98  | USA     | 0B238464-0G202749 | 16460          | 16190                            | 16410                          |
| 15 (Super)                  | 1994-98  | BEL     | 9507381-9855586   | 16460          | 16190                            | 16410                          |
| 15 (Super)                  | 1994-98  | USA     | 0G202750 and Up   | 16460          | 16190                            | 16410                          |
| 15 (Super)                  | 1994-98  | BEL     | 9855587 and Up    | 16460          | 16190                            | 16410                          |
| 18                          | 1980-83  | USA     | 5837437-6239752   | 16460          | 16140                            | 16410                          |
| 18                          | 1980-83  | BEL     | 9308306-9378115   | 16460          | 16140                            | 16410                          |
| 18                          | 1980-83  | CAN     | 7173723-7200762   | 16460          | 16140                            | 16410                          |
| 18                          | 1980-83  | USA     | 6239753-6416711   | 16460          | 16190                            | 16410                          |
| 18                          | 1980-83  | BEL     | 7200763-7207856   | 16460          | 16190                            | 16410                          |
| 18                          | 1983 1/2 | USA     | 6416712-6443972   | 16460          | 16190                            | 16410                          |
| 18                          | 1983 1/3 | BEL     | 9378115-9415100   | 16460          | 16190                            | 16410                          |



# Mercury / Mariner / Force

| BEARING APPLICATIONS                  |          |         |                   |                |                                  |                                |
|---------------------------------------|----------|---------|-------------------|----------------|----------------------------------|--------------------------------|
| Model                                 | Year     | Country | Serial No. Range  | Center Bearing | Connecting Rod Bearing Small End | Connecting Rod Bearing Big End |
| 18                                    | 1983 1/2 | CAN     | 7207857-7209532   | 16460          | 16190                            | 16410                          |
| 18 (18XD)                             | 1984-85  | USA     | 6443973-0B114230  | 16460          | 16190                            | 16410                          |
| 18 (18XD)                             | 1984-85  | BEL     | 9378151-9467987   | 16460          | 16190                            | 16410                          |
| 18 (18XD)                             | 1984-85  | CAN     | 7209533-0A719660  | 16460          | 16190                            | 16410                          |
| 18 XD                                 | 1984-85  | USA     | 0B114231 and Up   | 16460          | 16190                            | 16410                          |
| 18 XD                                 | 1984-85  | BEL     | 9467988 and Up    | 16460          | 16190                            | 16410                          |
| 18 XD                                 | 1984-85  | CAN     | 0A719661 and Up   | 16460          | 16190                            | 16410                          |
| 20 (200)                              | 1963-65  | -       | 1558310-2296266   | N/A            | 16140                            | 16100                          |
| 20 (200, 20)                          | 1968-69  | USA     | 2296267 and Up    | N/A            | 16140                            | 16100                          |
| 20 (200, 20)                          | 1973-77  | AUS     | 8006265 and Up    | N/A            | 16140                            | 16100                          |
| 20 (200, 20)                          | 1973-77  | BEL     | 9016254 and Up    | N/A            | 16140                            | 16100                          |
| 20 (200, 20)                          | 1973-77  | CAN     | 7012358 and Up    | N/A            | 16140                            | 16100                          |
| 20 (20XD) (2-Cyl.)                    | 1986-87  | USA     | 6443973-0B114230  | 16460          | 16190                            | 16410                          |
| 20 (20XD) (2-Cyl.)                    | 1986-87  | BEL     | 9415101-9467987   | 16460          | 16190                            | 16410                          |
| 20 (20XD) (2-Cyl.)                    | 1986-87  | CAN     | 7209533-0A719660  | 16460          | 16190                            | 16410                          |
| 20 (20XD) (2-Cyl.)                    | 1986-87  | USA     | 0B114231 and Up   | 16460          | 16190                            | 16410                          |
| 20 (20XD) (2-Cyl.)                    | 1986-87  | BEL     | 9467988 and Up    | 16460          | 16190                            | 16410                          |
| 20 (20XD) (2-Cyl.)                    | 1986-87  | CAN     | 0A719661 and Up   | 16460          | 16190                            | 16410                          |
| 20 (20)                               | 1988-94  | USA     | 0B238464-0D116955 | 16460          | 16190                            | 16410                          |
| 20 (20)                               | 1988-94  | BEL     | 9507381 and Up    | 16460          | 16190                            | 16410                          |
| 20 (20)                               | 1988-94  | CAN     | 0A730007 and Up   | 16460          | 16190                            | 16410                          |
| 20 (20)                               | 1988-94  | USA     | 0D116956-0D117955 | 16460          | 16190                            | 16410                          |
| 20 (20)                               | 1988-94  | USA     | 0D117956 and Up   | 16460          | 16190                            | 16410                          |
| 20 (20, 20 Jet) (2-Cyl.)              | 1994-98  | USA     | 0G044027-0G202749 | 16460          | 16190                            | 16410                          |
| 20 (20, 20 Jet) (2-Cyl.)              | 1994-98  | BEL     | 9807909-9855586   | 16460          | 16190                            | 16410                          |
| 20 (20, 20 Jet) (2-Cyl.)              | 1994-98  | USA     | 0G202750 and Up   | 16460          | 16190                            | 16410                          |
| 20 (20, 20 Jet) (2-Cyl.)              | 1994-98  | BEL     | 9855587 and Up    | 16460          | 16190                            | 16410                          |
| 25                                    | 1980-83  | USA     | 5705532-6241936   | 16460          | 16140                            | 16410                          |
| 25                                    | 1980-83  | BEL     | 9315316-9369470   | 16460          | 16140                            | 16410                          |
| 25                                    | 1980-83  | CAN     | 7166928-7201892   | 16460          | 16140                            | 16410                          |
| 25 (2-Cyl.)                           | 1983 1/2 | USA     | 6241937-6443972   | 16460          | 16140                            | 16410                          |
| 25 (2-Cyl.)                           | 1983 1/2 | BEL     | 9369471-9415100   | 16460          | 16140                            | 16410                          |
| 25 (2-Cyl.)                           | 1983 1/2 | CAN     | 7201893-7209532   | 16460          | 16140                            | 16410                          |
| 25 (XD)                               | 1984-87  | USA     | 6446973-0B114230  | 16460          | 16190                            | 16410                          |
| 25 (XD)                               | 1984-87  | BEL     | 9415101-9467987   | 16460          | 16190                            | 16410                          |
| 25 (XD)                               | 1984-87  | CAN     | 7209533-0A719660  | 16460          | 16190                            | 16410                          |
| 25 (XD)                               | 1988-94  | USA     | 0B114231 and Up   | 16460          | 16190                            | 16410                          |
| 25 (XD)                               | 1988-94  | BEL     | 9467988 and Up    | 16460          | 16190                            | 16410                          |
| 25 (XD)                               | 1988-94  | CAN     | 0A719661 and Up   | 16460          | 16190                            | 16410                          |
| 25 (25, 25 Sea Pro, 25 Marathon)      | 1988-94  | USA     | 0B238464-0D116955 | 16460          | 16190                            | 16410                          |
| 25 (25, 25 Sea Pro, 25 Marathon)      | 1988-94  | BEL     | 9507381-9855586   | 16460          | 16190                            | 16410                          |
| 25 (25, 25 Sea Pro, 25 Marathon)      | 1988-94  | CAN     | 0A730007 and Up   | 16460          | 16190                            | 16410                          |
| 25 (25, 25 Sea Pro, 25 Marathon)      | 1988-94  | USA     | 0D116956-0D117955 | 16460          | 16190                            | 16410                          |
| 25 (25, 25 Sea Pro, 25 Marathon)      | 1988-94  | USA     | 0D117956-0G202749 | 16460          | 16190                            | 16410                          |
| 25 (25, 25 Sea Pro, 25 Marathon)      | 1994-98  | USA     | 0G202750 and Up   | 16460          | 16190                            | 16410                          |
| 25 (25, 25 Sea Pro, 25 Marathon)      | 1994-98  | BEL     | 9855587 and Up    | 16460          | 16190                            | 16410                          |
| 25 (Lightning Export) (3-Cyl.)        | 1997     | USA     | 0E268781 and Up   | -              | -                                | -                              |
| 25 (250)                              | 1959-61  | -       | 1290910-1499331   | N/A            | 16140                            | 16100                          |
| 30 (300)                              | 1959-61  | -       | 1271884-1448139   | 16100          | 16140                            | 16100                          |
| 30 (2-Cyl.) (644cc)                   | 1994-98  | USA     | 0G053314-0G589999 | 16630          | 16120                            | 16200                          |
| 30 (2-Cyl.) (644cc)                   | 1994-98  | USA     | 0G590000 and Up   | 16630          | 16120                            | 16200                          |
| 30 (430cc, Lightning Export) (3-Cyl.) | 1997-98  | USA     | 0G575500 and Up   | -              | -                                | -                              |
| 30 (Jet) (4-Cyl.)                     | 1994-97  | -       | 0C159200 and Up   | 16150          | 16140                            | 16100                          |
| 30 (Jet) (3-Cyl.)                     | 1998     | -       | 0G590000 and Up   | 16630          | 16120                            | 16200                          |
| 35 (350, 35A)                         | 1959-61  | -       | 1217222-1448139   | 16100          | 16140                            | 16100                          |
| 35 (350) (2-Cyl.)                     | 1963-65  | -       | 1571114-1898815   | N/A            | 16160                            | 16130                          |
| 35 (350) (2-Cyl.)                     | 1965 1/2 | -       | 1898815 and Up    | N/A            | 16160                            | 16130                          |
| 35 (350) (2-Cyl.)                     | 1966-69  | -       | 1960827-2097279   | N/A            | 16160                            | 16130                          |
| 35 (350) (2-Cyl.)                     | 1966-69  | -       | 2097832-2258863   | N/A            | 16160                            | 16130                          |
| 35 (350) (2-Cyl.)                     | 1966-69  | -       | 2097832-2258863   | N/A            | 16160                            | 16130                          |
| 35 (350) (2-Cyl.)                     | 1966-69  | -       | 2300962-2874703   | N/A            | 16160                            | 16130                          |
| 35 (2-Cyl.)                           | 1984-86  | USA     | 6445653-0B110788  | N/A            | 16120                            | 16210                          |
| 35 (2-Cyl.)                           | 1984-86  | BEL     | 9384476 and Up    | N/A            | 16120                            | 16210                          |
| 35 (2-Cyl.)                           | 1984-86  | CAN     | 7209608 and Up    | N/A            | 16120                            | 16210                          |
| 40 (400 E, 400M) (4-Cyl.)             | 1960-81  | -       | 1279685-1367697   | 16100          | 16140                            | 16100                          |
| 40 (400E-1, 400M-1) (4-Cyl.)          | 1960-81  | -       | 1384806-1476509   | 16100          | 16140                            | 16100                          |
| 40 (400) (2-Cyl.)                     | 1970-71  | -       | 2874704-3045259   | N/A            | 16120                            | 16210                          |
| 40 (400) (2-Cyl.)                     | 1970-71  | -       | 3045260-3336257   | N/A            | 16120                            | 16210                          |
| 40 (402)                              | 1972-74  | USA     | 3336258-4117709   | N/A            | 16120                            | 16210                          |
| 40 (402)                              | 1972-74  | AUS     | 8002335-8027439   | N/A            | 16120                            | 16210                          |
| 40 (402)                              | 1972-74  | BEL     | 3339688-9076838   | N/A            | 16120                            | 16210                          |
| 40 (402)                              | 1972-74  | CAN     | 3340783-7047607   | N/A            | 16120                            | 16210                          |
| 40 (402, 40)                          | 1975-77  | USA     | 4117710-5556229   | N/A            | 16120                            | 16210                          |
| 40 (402, 40)                          | 1975-77  | AUS     | 8027440-8064749   | N/A            | 16120                            | 16210                          |
| 40 (402, 40)                          | 1975-77  | BEL     | 9076839-9251455   | N/A            | 16120                            | 16210                          |
| 40 (402, 40)                          | 1975-77  | CAN     | 7047608-7144762   | N/A            | 16120                            | 16210                          |
| 40 (2-Cyl.)                           | 1980-83  | USA     | 5556230 and Up    | N/A            | 16120                            | 16210                          |
| 40 (2-Cyl.)                           | 1980-83  | AUS     | 8064750 and Up    | N/A            | 16120                            | 16210                          |

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## BEARING APPLICATIONS

| Model                          | Year      | Country | Serial No. Range  | Center Bearing | Connecting Rod Bearing Small End | Connecting Rod Bearing Big End |
|--------------------------------|-----------|---------|-------------------|----------------|----------------------------------|--------------------------------|
| 40 (2-Cyl.)                    | 1980-83   | BEL     | 9251456 and Up    | N/A            | 16120                            | 16210                          |
| 40 (2-Cyl.)                    | 1980-83   | CAN     | 7144763 and Up    | N/A            | 16120                            | 16210                          |
| 40 (2-Cyl.)                    | 1994-98   | USA     | 0G053314 and Up   | 16630          | 16120                            | 16200                          |
| 40 (3-Cyl.)                    | 1997-98   | USA     | 0G531301 and Up   | 16630          | 16120                            | 16200                          |
| 40 (3-Cyl.)                    | 1997-98   | BEL     | 9973100 and Up    | 16630          | 16120                            | 16200                          |
| 40 (4-Cyl.)                    | 1989 & Up | USA     | 0C159200 and Up   | 16150          | 16140                            | 16100                          |
| 40 (4-Cyl.)                    | 1989 & Up | BEL     | 9570790 and Up    | 16150          | 16140                            | 16100                          |
| 45 (450)                       | 1987-89   | -       | 1476510 and Up    | 16100          | 16140                            | 16100                          |
| 45 (4-Cyl.)                    | 1986      | USA     | 5531630 and Up    | 16150          | 16140                            | 16100                          |
| 45 (4-Cyl.)                    | 1986      | AUS     | 8063985 and Up    | 16150          | 16140                            | 16100                          |
| 45 (4-Cyl.)                    | 1986      | BEL     | 9248006 and Up    | 16150          | 16140                            | 16100                          |
| 45 (4-Cyl.)                    | 1986      | CAN     | 7143688 and Up    | 16150          | 16140                            | 16100                          |
| 45 Jet                         | 1996-87   | USA     | 0D000750-0G589999 | 16610          | 16120                            | 16200                          |
| 45 Jet (59 CID) (3-Cyl.)       | 1998      | USA     | 0G590000 and Up   | 16630          | 16120                            | 16200                          |
| 50 (500)                       | 1961-63   | -       | 1421113-1755548   | 16100          | 16140                            | 16100                          |
| 50 (500)                       | 1965-67   | USA     | 1770179-2305100   | 16100          | 16140                            | 16100                          |
| 50 (500)                       | 1965-67   | BEL     | 1755549-2305100   | 16100          | 16140                            | 16100                          |
| 50 (500, 50)                   | 1968-74   | USA     | 2305151-5193253   | 16100          | 16140                            | 16100                          |
| 50 (500, 50)                   | 1971-74   | AUS     | 2863739-8057394   | 16100          | 16140                            | 16100                          |
| 50 (500, 50)                   | 1971-74   | BEL     | 9001581-9217255   | 16100          | 16140                            | 16100                          |
| 50 (500, 50)                   | 1971-74   | CAN     | 2742142-7116222   | 16100          | 16140                            | 16100                          |
| 50                             | 1976-79   | USA     | 5193259-5531629   | 16150          | 16140                            | 16100                          |
| 50                             | 1976-79   | AUS     | 8057395-8063984   | 16150          | 16140                            | 16100                          |
| 50                             | 1976-79   | BEL     | 9217256-9248005   | 16150          | 16140                            | 16100                          |
| 50 (4-Cyl.)                    | 1980-85   | USA     | 5531630 and Up    | 16150          | 16140                            | 16100                          |
| 50 (4-Cyl.)                    | 1980-85   | AUS     | 8063985 and Up    | 16150          | 16140                            | 16100                          |
| 50 (4-Cyl.)                    | 1980-85   | BEL     | 9248006 and Up    | 16150          | 16140                            | 16100                          |
| 50 (4-Cyl.)                    | 1980-85   | CAN     | 7143688 and Up    | 16150          | 16140                            | 16100                          |
| 50 (3-Cyl.)                    | 1991-95   | USA     | 0D000750-0G589999 | 16610          | 16120                            | 16200                          |
| 50 (3-Cyl.)                    | 1991-95   | BEL     | 9683055-9973099   | 16610          | 16120                            | 16200                          |
| 50 (3-Cyl.)                    | 1998      | USA     | 0G590000 and Up   | 16630          | 16120                            | 16200                          |
| 50 (3-Cyl.)                    | 1998      | BEL     | 9973100 and Up    | 16630          | 16120                            | 16200                          |
| 50 (3-Cyl.)                    | 1986-87   | USA     | 6428681-0D000749  | 16150          | 16120                            | 16210                          |
| 50 (3-Cyl.)                    | 1986-87   | BEL     | 9385911-9683054   | 16150          | 16120                            | 16210                          |
| 50 (3-Cyl.)                    | 1986-87   | CAN     | 7208333 and Up    | 16150          | 16120                            | 16210                          |
| 55 (3-Cyl.)                    | 1996      | USA     | 0D000750-0G589999 | 16610          | 16120                            | 16200                          |
| 55 (3-Cyl.)                    | 1996      | BEL     | 9741042-9973099   | 16610          | 16120                            | 16200                          |
| 55 (3-Cyl.)                    | 1998      | USA     | 0G590000 and Up   | 16630          | 16120                            | 16200                          |
| 55 (3-Cyl.)                    | 1998      | BEL     | 9973100 and Up    | 16630          | 16120                            | 16200                          |
| 60 (600)                       | 1960      | -       | 1303411-1542744   | 16150          | 16140                            | 16100                          |
| 60 (3-Cyl.)                    | 1984-87   | USA     | 6428681-0D000749  | 16150          | 16120                            | 16210                          |
| 60 (3-Cyl.)                    | 1984-87   | BEL     | 9385911-9683054   | 16150          | 16120                            | 16210                          |
| 60 (3-Cyl.)                    | 1984-87   | CAN     | 7208333 and Up    | 16150          | 16120                            | 16210                          |
| 60 (3-Cyl.)                    | 1991-95   | USA     | 0D000750-0G589999 | 16610          | 16120                            | 16200                          |
| 60 (3-Cyl.)                    | 1991-95   | BEL     | 9683055-9973099   | 16610          | 16120                            | 16200                          |
| 60 (59 CID) (3-Cyl.)           | 1998      | USA     | 0G590000 and Up   | 16630          | 16120                            | 16200                          |
| 60 (59 CID) (3-Cyl.)           | 1998      | BEL     | 9973100 and Up    | 16630          | 16120                            | 16200                          |
| 65 (650) (4-Cyl.)              | 1963-64   | -       | 1542745-1765043   | 16150          | 16160                            | 16130                          |
| 65 (650) (4-Cyl.)              | 1965-66   | -       | 1765044-2119748   | 16150          | 16160                            | 16130                          |
| 65 (650) (4-Cyl.)              | 1967      | -       | 2119749-2309310   | 16150          | 16160                            | 16130                          |
| 65 (650) (4-Cyl.)              | 1968-71   | -       | 2309311-3293183   | 16150          | 16160                            | 16130                          |
| 65 (650) (3-Cyl.)              | 1973-76   | -       | 3293184-4571651   | 16150          | 16120                            | 16210                          |
| 65 (650) (3-Cyl.)              | 1973-75   | -       | 8006640-8042349   | 16150          | 16120                            | 16210                          |
| 65 (650) (3-Cyl.)              | 1973-76   | -       | 9020074-9135824   | 16150          | 16120                            | 16210                          |
| 65 (650) (3-Cyl.)              | 1973-76   | -       | 7013633-7087822   | 16150          | 16120                            | 16210                          |
| 65 Jet                         | 1994-98   | USA     | 0D283222 and Up   | 16600          | 16250                            | 16420                          |
| 65 Jet                         | 1994-98   | BEL     | 9793577 and Up    | 16600          | 16250                            | 16420                          |
| 70 (700) (6-Cyl.)              | 1960-61   | -       | 1296411-1566239   | 16150          | 16140                            | 16100                          |
| 70 (3-Cyl.)                    | 1977-79   | USA     | 4571652-5579016   | 16150          | 16120                            | 16210                          |
| 70 (3-Cyl.)                    | 1977-79   | AUS     | 8042350-8065064   | 16150          | 16120                            | 16210                          |
| 70 (3-Cyl.)                    | 1977-79   | BEL     | 9135825-9255130   | 16150          | 16120                            | 16210                          |
| 70 (3-Cyl.)                    | 1977-79   | CAN     | 7087823-7145937   | 16150          | 16120                            | 16210                          |
| 70 (3-Cyl.)                    | 1980-83   | USA     | 5579017-6428680   | 16150          | 16120                            | 16210                          |
| 70 (3-Cyl.)                    | 1980-83   | AUS     | 8065065 and Up    | 16150          | 16120                            | 16210                          |
| 70 (3-Cyl.)                    | 1980-83   | BEL     | 9255131-9385910   | 16150          | 16120                            | 16210                          |
| 70 (3-Cyl.)                    | 1980-83   | CAN     | 7145938-7208332   | 16150          | 16120                            | 16210                          |
| 70 (3-Cyl.) Rod No. 938-8532-1 | 1987      | USA     | 0A996142 and Up   | 16600          | 16180                            | 16420                          |
| 70 (3-Cyl.) Rod No. 938-8532-1 | 1987      | BEL     | 9483121 and Up    | 16600          | 16180                            | 16420                          |
| 70 (3-Cyl.) Rod No. 638-818846 | 1987      | USA     | 0A996142 and Up   | 16600          | 16250                            | 16420                          |
| 70 (3-Cyl.) Rod No. 638-818846 | 1987      | BEL     | 9483121 and Up    | 16600          | 16250                            | 16420                          |
| 75 (4-Cyl.)                    | 1984-88   | USA     | 6432901 and Up    | 16150          | 16120                            | 16210                          |
| 75 (4-Cyl.)                    | 1984-88   | BEL     | 9393856 and Up    | 16150          | 16120                            | 16210                          |
| 75 (4-Cyl.)                    | 1984-88   | CAN     | 7208573 and Up    | 16150          | 16120                            | 16210                          |
| 75 (3-Cyl.) Rod No. 638-8532-1 | 1990-93   | USA     | 0C222000-0D283221 | 16600          | 16180                            | 16420                          |
| 75 (3-Cyl.) Rod No. 638-8532-1 | 1990-93   | BEL     | 9589039-9793576   | 16600          | 16180                            | 16420                          |
| 75 (3-Cyl.) Rod No. 638-818846 | 1990-93   | USA     | 0C222000-0D283221 | 16600          | 16250                            | 16420                          |
| 75 (3-Cyl.) Rod No. 638-818846 | 1990-93   | BEL     | 9589039-9793576   | 16600          | 16250                            | 16420                          |



# Mercury / Mariner / Force

## BEARING APPLICATIONS

| Model                                | Year    | Country | Serial No. Range  | Center Bearing | Connecting Rod Bearing Small End | Connecting Rod Bearing Big End |
|--------------------------------------|---------|---------|-------------------|----------------|----------------------------------|--------------------------------|
| 140 Jet                              | 1996-98 | USA     | 0D082000 and Up   | 16440          | 16250                            | 16200                          |
| V-135 w/Metal Caged Center Bearing   | 1986-88 | USA     | 0A904646-0C239552 | 22800          | 16170                            | 16200                          |
| V-135 w/Plastic Caged Center Bearing | 1986-88 | USA     | 0A904646-0C239552 | -              | 16170                            | 16200                          |
| V-135 Rod No. 636-8118               | 1991    | USA     | 0C239553-0D082000 | 16440          | 16170                            | 16200                          |
| V-135 Rod No. 644-818141             | 1991    | USA     | 0C239553-0D082000 | 16440          | 16260                            | 16200                          |
| V-135                                | 1992-95 | USA     | 0D082000 and Up   | 16440          | 16260                            | 16200                          |
| V-135 DFI                            | 1992-95 | USA     | 0D082000 and Up   | 16440          | 16260                            | 16200                          |
| 1500-1500XS                          | 1973-78 | -       | 3502806-5327662   | 16150          | 16120                            | 16210                          |
| 1500-1500XS                          | 1973-78 | -       | 8005615-8052649   | 16150          | 16120                            | 16210                          |
| 1500-1500XS                          | 1973-77 | -       | 7010533-7112772   | 16150          | 16120                            | 16210                          |
| V-150 (V-1500)                       | 1973-77 | USA     | 4868998-0C100860  | 22800          | 16170                            | 16200                          |
| V-150                                | 1989-90 | USA     | 0C100861-0C239552 | -              | 16170                            | 16200                          |
| V-150 Rod No. 636-8118               | 1988-91 | USA     | 0C239553-0D081999 | 16440          | 16170                            | 16200                          |
| V-150 Rod No. 644-818141             | 1988-91 | USA     | 0C239553-0D081999 | 16440          | 16260                            | 16200                          |
| V-150 EFI                            | 1992-95 | USA     | 0D082000 and Up   | 16440          | 16260                            | 16200                          |
| V-150 DFI                            | 1992-95 | USA     | 0D082000 and Up   | 16440          | 16260                            | 16200                          |
| XR-4                                 | 1988-89 | USA     | 0B242885-0C239552 | -              | 16170                            | 16200                          |
| XR-4                                 | 1991    | USA     | 0C239553-0D081999 | 16440          | 16170                            | 16200                          |
| XR-6                                 | 1992-95 | USA     | 0D082000 and Up   | 16440          | 16260                            | 16200                          |
| V-175 (1750)                         | 1976-81 | USA     | 4301235-6618750   | 22800          | 16170                            | 16200                          |
| V-175 (1750)                         | 1976-79 | AUS     | 8058870 and Up    | 22800          | 16170                            | 16200                          |
| V-175                                | 1985-88 | USA     | 6618751-0C239552  | -              | 16170                            | 16200                          |
| V-175                                | 1991    | USA     | 0C239553-0D081999 | 16440          | 16170                            | 16200                          |
| V-175                                | 1992-95 | USA     | 0D082000 and Up   | 16440          | 16260                            | 16200                          |
| V-175 XRI                            | 1991    | USA     | 0D000750-0D081999 | 16440          | 16170                            | 16200                          |
| V-175 EFI                            | 1992-95 | USA     | 0D082000 and Up   | 16440          | 16260                            | 16200                          |
| V-200 (V2000)                        | 1978-79 | USA     | 4839034-5363917   | 22800          | 16170                            | 16200                          |
| V-200                                | 1980-81 | USA     | 5363918-6073191   | 22800          | 16170                            | 16200                          |
| V-200                                | 1980-81 | AUS     | 8061595-8065672   | 22800          | 16170                            | 16200                          |
| V-200 (2.4L)                         | 1982    | USA     | 6073192-0C291519  | -              | 16170                            | 16200                          |
| V-200 (2.5L) Rod No. 636-8118        | 1991    | USA     | 0C291520-0D081999 | 16440          | 16170                            | 16200                          |
| V-200 (2.5L) Rod No. 644-818141      | 1991    | USA     | 0C291520-0D081999 | 16440          | 16260                            | 16200                          |
| V-200                                | 1992-95 | USA     | 0D082000 and Up   | 16440          | 16260                            | 16200                          |
| V-200 EFI                            | 1989-90 | USA     | 0C100861-0C291519 | -              | 16170                            | 16200                          |
| V-200 EFI Rod No. 644-818141         | 1991    | USA     | 0C291520-0D081999 | 16440          | 16260                            | 16200                          |
| V-200 EFI Rod No. 636-8118           | 1991    | USA     | 0C291520-0D081999 | 16440          | 16170                            | 16200                          |
| V-200 EFI                            | 1992-95 | USA     | 0D082000-0G303045 | 16440          | 16260                            | 16200                          |
| V-200 EFI                            | 1996-98 | USA     | 0G303046 and Up   | 16440          | 16260                            | 16200                          |
| V-200 DFI                            | 1997    | USA     | 0G386496-0G589999 | 16620          | 16180                            | 16420                          |
| V-200 DFI                            | 1998    | USA     | 0G590000 and Up   | 16620          | 16180                            | 16420                          |
| V-220                                | 1987-88 | USA     | 0B117316 and Up   | -              | 16170                            | 16200                          |
| V-225                                | 1980-81 | USA     | 5628028 and Up    | -              | 16170                            | 16200                          |
| V-225 (225 Sea Pro)                  | 1994-98 | USA     | 0D280813 and Up   | 16620          | 16180                            | 16420                          |
| V-225 DFI                            | 1998    | USA     | 0G590000 and Up   | 16620          | 16180                            | 16420                          |
| V-225                                | 1995-98 | USA     | 0G129222 and Up   | 16620          | 16180                            | 16420                          |
| V-250 EFI                            | 1995-98 | USA     | 0G129222 and Up   | 16620          | 16180                            | 16420                          |
| V-250                                | 1995-98 | USA     | 0C101891 and Up   | 22810          | 16180                            | 16430                          |
| V-275                                | 1989-94 | USA     | 0C101891 and Up   | 22810          | 16180                            | 16430                          |
| V-3.4L                               | 1980-87 | USA     | 5611648 and Up    | 22810          | 16180                            | 16430                          |
|                                      |         |         |                   |                |                                  |                                |
|                                      |         |         |                   |                |                                  |                                |
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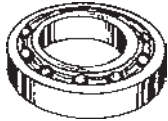
# Mercury / Mariner / Force

## CRANKSHAFT BEARINGS, OIL SEALS & O-RINGS

### Crankshaft Bearings

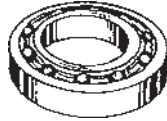
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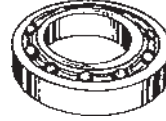
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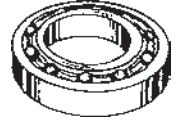
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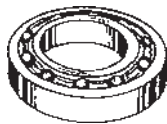
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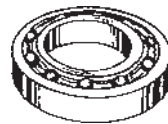
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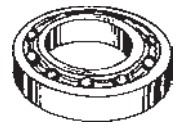
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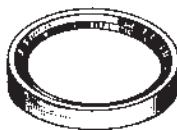
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### Crankshaft Oil Seals

**No. 85040**

OEM: 26-16977



**No. 85015**

OEM: 26-66301



**No. 85010**

OEM: 26-41953



**No. 85090**

OEM: 26-43993



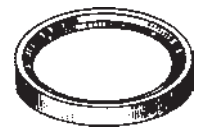
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OEM: 26-56397



**No. 85011**

OEM: 26-66302



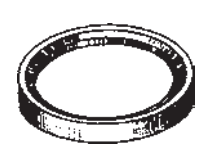
**No. 85012**

OEM: 26-815449



**No. 85013**

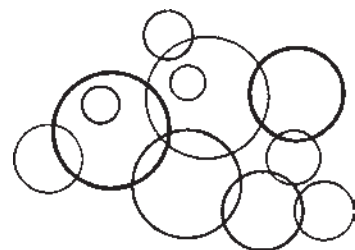
OEM: 26-830898



### Crankshaft O-rings

| GLM No. | OEM No.  | GLM No. | OEM No.   |
|---------|----------|---------|-----------|
| 82340   | 25-20081 | 80440   | 25-64966  |
| 82280   | 25-20826 | 80410   | 25-67206  |
| 82310   | 25-20863 | 80430   | 25-67207  |
| 82360   | 25-31305 | 80330   | 25-823683 |
| 80420   | 25-32546 | 41370*  | 25-858225 |
| 81430   | 25-54029 | 81540   | 25-88955  |
| 80350   | 25-62457 | 81500   | 25-89224  |
| 81520   | 25-62700 | 81390   | 25-90011  |
| 81530   | 25-89497 | 82390   | 25-47254  |

\* Square Ring













## **Section 10**

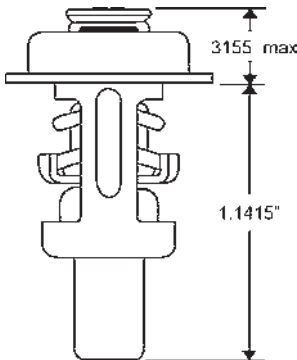
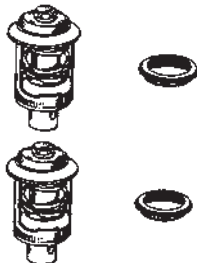
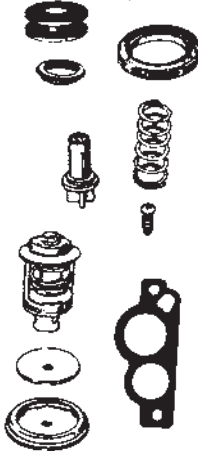
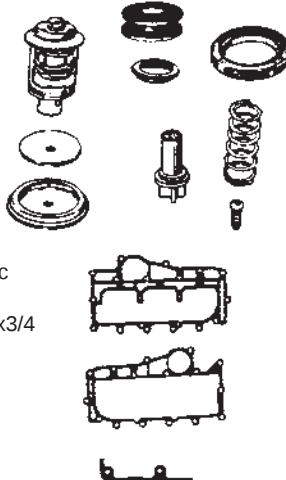
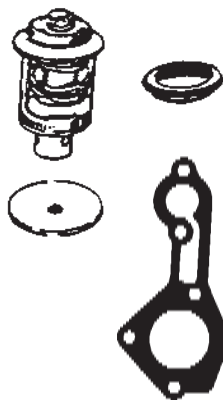
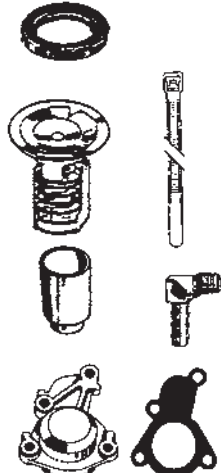
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### **Mercury / Mariner / Force Thermostats**

|                                                             |                |
|-------------------------------------------------------------|----------------|
| <i>Thermostats &amp; Thermostat Kits .....</i>              | <i>124-125</i> |
| <i>Poppet Valve Kits .....</i>                              | <i>125</i>     |
| <i>Thermostat &amp; Poppet Valve Kit Applications .....</i> | <i>126</i>     |
| <i>Thermostat Housing Components .....</i>                  | <i>127-128</i> |

# Mercury / Mariner / Force

## THERMOSTATS & THERMOSTAT KITS

| Thermostats                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                            | Diagram                                                                                                                                                               | Thermostat Kits                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------|------------|-------|--------|------------|-------|----------|---------|--------|------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|-------|----------|----------------|------------|---------------|--------|-------|------------|-------|----------|----------|--------|--------|----------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------------|-----------|-------|-----------|------------|-------|--------|--------|-------|-------|---------|-------|----------|---------|-------|---------|-----------|-------|----------|----------------|-------|----------|--------|-------|----------|------------------|-------|----------|--------|-------|------------|--------|-------|------------|--------|-------|------------|--------|
| <div>No. 13120</div> <div>OEM: 14586</div> <div></div> <div>120°</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <div>No. 13010</div> <div>OEM: 75692</div> <div></div> <div>143°</div>    | <div></div> <div>Dimensions for<br/>No. 13120 &amp; 13010<br/>120° &amp; 143°</div> | <div>No. 13340</div> <div>OEM: 75692Q2</div> <div>Kit Contains:</div> <table><tr><td>GLM</td><td>OEM</td><td>ITEM</td><td>QTY</td></tr><tr><td>13010</td><td>434841</td><td>Thermostat</td><td>2</td></tr><tr><td>30610</td><td>310058</td><td>Gasket</td><td>2</td></tr></table> <div></div> <div>143°</div> | GLM  | OEM   | ITEM  | QTY        | 13010 | 434841 | Thermostat | 2     | 30610    | 310058  | Gasket | 2          |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| GLM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | OEM                                                                                                                                                        |                                                                                                                                                                       | ITEM                                                                                                                                                                                                                                                                                                                                                                                             | QTY  |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 13010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 434841                                                                                                                                                     | Thermostat                                                                                                                                                            | 2                                                                                                                                                                                                                                                                                                                                                                                                |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 30610                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 310058                                                                                                                                                     | Gasket                                                                                                                                                                | 2                                                                                                                                                                                                                                                                                                                                                                                                |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| <div>No. 13140</div> <div>OEM: 850055</div> <div></div> <div>110°</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <div>No. 13200</div> <div>OEM: F97068-2</div> <div></div> <div>130°</div> |                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| Thermostat Kits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                            |                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| <div>No. 13360</div> <div>OEM: 75692A6</div> <div>Kit Contains:</div> <table><tr><td>GLM</td><td>OEM</td><td>ITEM</td></tr><tr><td>13010</td><td>75692</td><td>Thermostat</td></tr><tr><td>13801</td><td>86596T</td><td>Poppet</td></tr><tr><td>13805</td><td>65848</td><td>Carrier</td></tr><tr><td>13806</td><td>25-64872</td><td>Grommet</td></tr><tr><td>13808</td><td>64877-1</td><td>Diaphragm</td></tr><tr><td>13817</td><td>12-76451</td><td>Washer-Plastic</td></tr><tr><td>13822</td><td>24-66852</td><td>Spring</td></tr><tr><td>21751</td><td>10-69570</td><td>Screw</td></tr><tr><td>30610</td><td>27-62386</td><td>Gasket</td></tr><tr><td>30720</td><td>27-66847</td><td>Gasket</td></tr></table> <div></div> <div>143°</div> |                                                                                                                                                            | GLM                                                                                                                                                                   | OEM                                                                                                                                                                                                                                                                                                                                                                                              | ITEM | 13010 | 75692 | Thermostat | 13801 | 86596T | Poppet     | 13805 | 65848    | Carrier | 13806  | 25-64872   | Grommet | 13808                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 64877-1 | Diaphragm | 13817 | 12-76451 | Washer-Plastic | 13822      | 24-66852      | Spring | 21751 | 10-69570   | Screw | 30610    | 27-62386 | Gasket | 30720  | 27-66847 | Gasket | <div>No. 13490</div> <div>OEM: 75692A7</div> <div>Kit Contains:</div> <table><tr><td>GLM</td><td>OEM</td><td>ITEM</td></tr><tr><td>13010</td><td>75692</td><td>Thermostat</td></tr><tr><td>13801</td><td>86596T</td><td>Poppet</td></tr><tr><td>13805</td><td>65848</td><td>Carrier</td></tr><tr><td>13806</td><td>25-64872</td><td>Grommet</td></tr><tr><td>13808</td><td>64877-1</td><td>Diaphragm</td></tr><tr><td>13817</td><td>12-76451</td><td>Washer-Plastic</td></tr><tr><td>13822</td><td>24-66852</td><td>Spring</td></tr><tr><td>21751</td><td>10-69570</td><td>Screw #10-16x3/4</td></tr><tr><td>30610</td><td>27-62386</td><td>Gasket</td></tr><tr><td>30760</td><td>27-69524-2</td><td>Gasket</td></tr><tr><td>30770</td><td>27-69525-2</td><td>Gasket</td></tr><tr><td>30800</td><td>27-70335-1</td><td>Gasket</td></tr></table> <div></div> <div>143°</div> |      | GLM   | OEM        | ITEM      | 13010 | 75692     | Thermostat | 13801 | 86596T | Poppet | 13805 | 65848 | Carrier | 13806 | 25-64872 | Grommet | 13808 | 64877-1 | Diaphragm | 13817 | 12-76451 | Washer-Plastic | 13822 | 24-66852 | Spring | 21751 | 10-69570 | Screw #10-16x3/4 | 30610 | 27-62386 | Gasket | 30760 | 27-69524-2 | Gasket | 30770 | 27-69525-2 | Gasket | 30800 | 27-70335-1 | Gasket |
| GLM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | OEM                                                                                                                                                        | ITEM                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 13010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 75692                                                                                                                                                      | Thermostat                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 13801                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 86596T                                                                                                                                                     | Poppet                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 13805                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 65848                                                                                                                                                      | Carrier                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 13806                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 25-64872                                                                                                                                                   | Grommet                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 13808                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 64877-1                                                                                                                                                    | Diaphragm                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 13817                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 12-76451                                                                                                                                                   | Washer-Plastic                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 13822                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 24-66852                                                                                                                                                   | Spring                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 21751                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10-69570                                                                                                                                                   | Screw                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 30610                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 27-62386                                                                                                                                                   | Gasket                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 30720                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 27-66847                                                                                                                                                   | Gasket                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| GLM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | OEM                                                                                                                                                        | ITEM                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 13010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 75692                                                                                                                                                      | Thermostat                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 13801                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 86596T                                                                                                                                                     | Poppet                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 13805                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 65848                                                                                                                                                      | Carrier                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 13806                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 25-64872                                                                                                                                                   | Grommet                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 13808                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 64877-1                                                                                                                                                    | Diaphragm                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 13817                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 12-76451                                                                                                                                                   | Washer-Plastic                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 13822                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 24-66852                                                                                                                                                   | Spring                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 21751                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10-69570                                                                                                                                                   | Screw #10-16x3/4                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 30610                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 27-62386                                                                                                                                                   | Gasket                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 30760                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 27-69524-2                                                                                                                                                 | Gasket                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 30770                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 27-69525-2                                                                                                                                                 | Gasket                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 30800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 27-70335-1                                                                                                                                                 | Gasket                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| <div>No. 13124</div> <div>OEM: 803061T1</div> <div>Kit Contains:</div> <table><tr><td>GLM</td><td>OEM</td><td>ITEM</td></tr><tr><td>13120</td><td>14586</td><td>Thermostat</td></tr><tr><td>13818</td><td>N/A</td><td>Washer</td></tr><tr><td>30610</td><td>27-62386</td><td>Gasket</td></tr><tr><td>32820</td><td>27-43006-8</td><td>Gasket</td></tr></table> <div></div> <div>120°</div>                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                            | GLM                                                                                                                                                                   | OEM                                                                                                                                                                                                                                                                                                                                                                                              | ITEM | 13120 | 14586 | Thermostat | 13818 | N/A    | Washer     | 30610 | 27-62386 | Gasket  | 32820  | 27-43006-8 | Gasket  | <div>No. 13141</div> <div>OEM: 850055A2</div> <div>Kit Contains:</div> <table><tr><td>GLM</td><td>OEM</td><td>ITEM</td></tr><tr><td>10562</td><td>22-99664-1</td><td>Elbow Fitting</td></tr><tr><td>13140</td><td>85005</td><td>Thermostat</td></tr><tr><td>13142</td><td>824251A1</td><td>Cover</td></tr><tr><td>13143</td><td>827365</td><td>Carrier</td></tr><tr><td>13144</td><td>26-854639</td><td>Seal</td></tr><tr><td>21465</td><td>54-816311T</td><td>Cable Tie</td></tr><tr><td>37850</td><td>27-827284</td><td>Gasket</td></tr></table> <div></div> <div>110°</div> |         | GLM       | OEM   | ITEM     | 10562          | 22-99664-1 | Elbow Fitting | 13140  | 85005 | Thermostat | 13142 | 824251A1 | Cover    | 13143  | 827365 | Carrier  | 13144  | 26-854639                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Seal | 21465 | 54-816311T | Cable Tie | 37850 | 27-827284 | Gasket     |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| GLM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | OEM                                                                                                                                                        | ITEM                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 13120                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 14586                                                                                                                                                      | Thermostat                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 13818                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | N/A                                                                                                                                                        | Washer                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 30610                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 27-62386                                                                                                                                                   | Gasket                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 32820                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 27-43006-8                                                                                                                                                 | Gasket                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| GLM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | OEM                                                                                                                                                        | ITEM                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 10562                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 22-99664-1                                                                                                                                                 | Elbow Fitting                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 13140                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 85005                                                                                                                                                      | Thermostat                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 13142                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 824251A1                                                                                                                                                   | Cover                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 13143                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 827365                                                                                                                                                     | Carrier                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 13144                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 26-854639                                                                                                                                                  | Seal                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 21465                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 54-816311T                                                                                                                                                 | Cable Tie                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |
| 37850                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 27-827284                                                                                                                                                  | Gasket                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |            |       |        |            |       |          |         |        |            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |           |       |          |                |            |               |        |       |            |       |          |          |        |        |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |            |           |       |           |            |       |        |        |       |       |         |       |          |         |       |         |           |       |          |                |       |          |        |       |          |                  |       |          |        |       |            |        |       |            |        |       |            |        |

# Mercury / Mariner / Force

## THERMOSTAT KITS CONT.

### No. 13121

OEM: 14586A3

Kit Contains:

| GLM   | OEM        | ITEM       |
|-------|------------|------------|
| 13120 | 14586      | Thermostat |
| 30610 | 27-62386   | Gasket     |
| 32760 | 27-14318-3 | Gasket     |
| 35650 | 27-19205-1 | Gasket     |



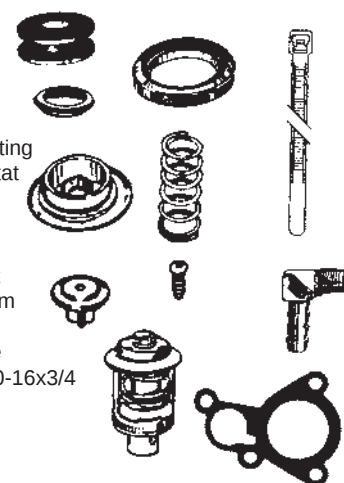
120°

### No. 13122

OEM: 14586A4

Kit Contains:

| GLM   | OEM         | ITEM             |
|-------|-------------|------------------|
| 10562 | 22-99664-1  | Elbow Fitting    |
| 13120 | 14586       | Thermostat       |
| 13802 | 812882-1    | Poppet           |
| 13803 | 12-94182    | Cup              |
| 13805 | 65848       | Carrier          |
| 13806 | 25-64872    | Grommet          |
| 13809 | 812887-1    | Diaphragm        |
| 13825 | 24-90392    | Spring           |
| 21465 | 54-816311T  | Cable Tie        |
| 21751 | 10-69570    | Screw #10-16x3/4 |
| 30610 | 27-62386    | Gasket           |
| 35090 | 27-812867-1 | Gasket           |



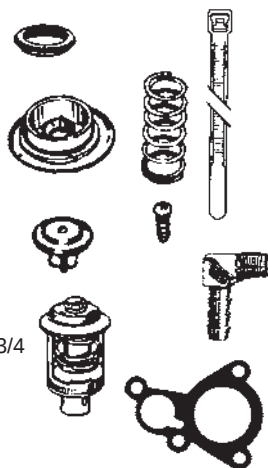
120°

### No. 13123

OEM: 14586A6

Kit Contains:

| GLM   | OEM         | ITEM             |
|-------|-------------|------------------|
| 10562 | 22-99664-1  | Elbow Fitting    |
| 13120 | 14586       | Thermostat       |
| 13802 | 812882-1    | Poppet           |
| 13803 | 12-94182    | Cup              |
| 13809 | 812887-1    | Diaphragm        |
| 13825 | 24-90392    | Spring           |
| 21465 | 54-816311   | Cable Tie        |
| 21751 | 10-69570    | Screw #10-16x3/4 |
| 30610 | 27-62386    | Gasket           |
| 35090 | 27-812867-2 | Gasket           |



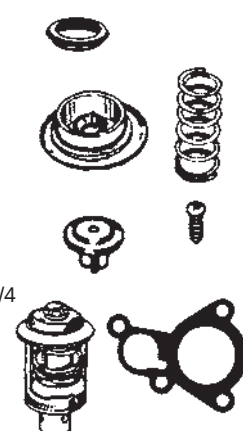
120°

### No. 13201

OEM: 14586A7

Kit Contains:

| GLM   | OEM         | ITEM             |
|-------|-------------|------------------|
| 13200 | F97068-2    | Thermostat       |
| 13802 | 812881-1    | Poppet           |
| 13803 | 12-94182    | Cup              |
| 13809 | 812887-1    | Diaphragm        |
| 13823 | 24-47968    | Spring           |
| 21751 | 10-69570    | Screw #10-16x3/4 |
| 30610 | 27-62386    | Gasket           |
| 35090 | 27-812867-2 | Gasket           |



130°

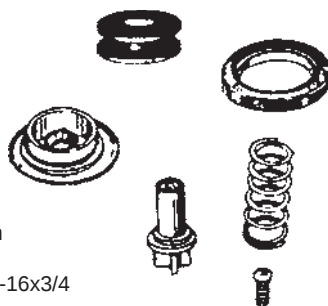
## POPPET VALVE KITS

### No. 13800

OEM: 803060T1

Kit Contains:

| GLM   | OEM      | ITEM             |
|-------|----------|------------------|
| 13801 | 86596T   | Poppet           |
| 13803 | 12-94182 | Cup              |
| 13805 | 65848    | Carrier          |
| 13806 | 25-64872 | Grommet          |
| 13808 | 14479-1  | Diaphragm        |
| 13824 | 24-42996 | Spring           |
| 21751 | 10-69570 | Screw #10-16x3/4 |



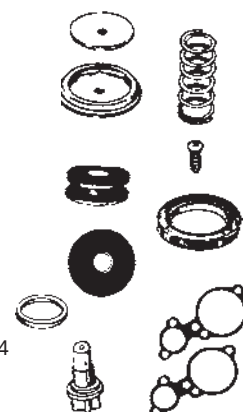
For 3 & 4-Cyl.

### No. 13810

OEM: 803062T1

Kit Contains:

| GLM   | OEM      | ITEM             |
|-------|----------|------------------|
| 13805 | 65848    | Carrier          |
| 13806 | 25-64872 | Grommet          |
| 13811 | 14480    | Poppet           |
| 13812 | 14479-1  | Diaphragm        |
| 13815 | 16496    | Deflector        |
| 13816 | 12-85303 | Washer           |
| 13817 | 12-76451 | Washer           |
| 13821 | 24-64878 | Spring           |
| 21751 | 10-69570 | Screw #10-16x3/4 |
| 31990 | 27-78690 | Gasket           |



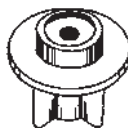
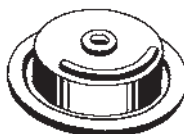
For V6

# Mercury / Mariner / Force

## THERMOSTAT & POPPET VALVE KIT APPLICATIONS

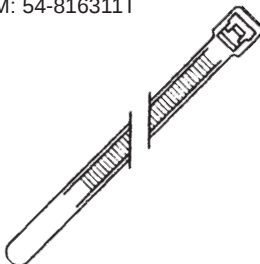
| Model        | Year    | Country | Serial No. Range  | Poppet Water Relief Valve Kit | Thermostat Kit |
|--------------|---------|---------|-------------------|-------------------------------|----------------|
| 6            | 1986-98 | USA     | 0A197112 and Up   | N/A                           | 13121          |
| 6            | 1986-93 | BEL     | 9461526 and Up    | N/A                           | 13121          |
| 8            | 1986-98 | USA     | 0A197112 and Up   | N/A                           | 13121          |
| 8            | 1986-83 | BEL     | 9461526 and Up    | N/A                           | 13121          |
| 9.9          | 1986-98 | USA     | 0A197112 and Up   | N/A                           | 13121          |
| 9.9          | 1986-93 | BEL     | 9461526 and Up    | N/A                           | 13121          |
| 15           | 1988-98 | USA     | 0B292414 and Up   | N/A                           | 13121          |
| 15           | 1988-93 | BEL     | 9542620 and Up    | N/A                           | 13121          |
| 15 Sea Pro   | 1994-98 | USA     | 0G044365 and Up   | N/A                           | 13121          |
| 15 Sea Pro   | 1997-98 | BEL     | 9927000 and Up    | N/A                           | 13121          |
| Super 15     | 1988-98 | USA     | 0B238464 and Up   | N/A                           | 13121          |
| Super 15     | 1988-98 | BEL     | 9507381 and Up    | N/A                           | 13121          |
| Super 15     | 1988-98 | CAN     | 0A730007 and Up   | N/A                           | 13121          |
| 20           | 1986-87 | USA     | 0B114231 and Up   | N/A                           | 13121          |
| 20           | 1986-87 | BEL     | 9467988 and Up    | N/A                           | 13121          |
| 20           | 1986-87 | CAN     | 0A719661 and Up   | N/A                           | 13121          |
| 25 (2-Cyl.)  | 1984-87 | USA     | 0B114231 and Up   | N/A                           | 13121          |
| 25 (2-Cyl.)  | 1984-87 | BEL     | 9467988 and Up    | N/A                           | 13121          |
| 25 (2-Cyl.)  | 1984-87 | CAN     | 0A719661 and Up   | N/A                           | 13121          |
| 25 Sea Pro   | 1988-98 | USA     | 0B238464 and Up   | N/A                           | 13121          |
| 25 Sea Pro   | 1988-94 | BEL     | 9507381 and Up    | N/A                           | 13121          |
| 25 Sea Pro   | 1988-94 | CAN     | 0A730007 and Up   | N/A                           | 13121          |
| 30 (2-Cyl.)  | 1994-98 | USA     | 0G044027 and Up   | N/A                           | 13201          |
| 30 (2-Cyl.)  | 1994-98 | BEL     | 9855139 and Up    | N/A                           | 13201          |
| 35           | 1984-89 | USA     | 6445653 and Up    | N/A                           | 13360          |
| 35           | 1984-86 | BEL     | 9384476 and Up    | N/A                           | 13360          |
| 40 (2-Cyl.)  | 1994-98 | USA     | 0G044027 and Up   | N/A                           | 13201          |
| 40 (2-Cyl.)  | 1980-83 | BEL     | 9855139 and Up    | N/A                           | 13201          |
| 40 (3-Cyl.)  | 1997-98 | USA     | 0G531301 and Up   | N/A                           | 13141          |
| 40 (3-Cyl.)  | 1997-98 | BEL     | 9973100 and Up    | N/A                           | 13141          |
| 50 (3-Cyl.)  | 1988-90 | USA     | 0B110789-0D000749 | N/A                           | 13490          |
| 50 (3-Cyl.)  | 1988-90 | BEL     | 9482600-9671686   | N/A                           | 13490          |
| 50 (3-Cyl.)  | 1991-95 | USA     | 0D000750-0D181999 | N/A                           | 13122          |
| 50 (3-Cyl.)  | 1991-95 | BEL     | 982500-9740999    | N/A                           | 13122          |
| 50 (3-Cyl.)  | 1991-95 | USA     | 0D182000-0G589999 | N/A                           | 13123          |
| 50 (3-Cyl.)  | 1991-95 | BEL     | 9741000-9973099   | N/A                           | 13123          |
| 50 (3-Cyl.)  | 1998    | USA     | 0G590000 and Up   | N/A                           | 13141          |
| 50 (3-Cyl.)  | 1998    | BEL     | 9973100 and Up    | N/A                           | 13141          |
| 55 (3-Cyl.)  | 1996    | USA     | 0D000750-0D181999 | N/A                           | 13122          |
| 55 (3-Cyl.)  | 1996-97 | BEL     | 982500-9740999    | N/A                           | 13122          |
| 55 (3-Cyl.)  | 1997    | USA     | 0D182000-0G589999 | N/A                           | 13123          |
| 55 (3-Cyl.)  | 1996    | BEL     | 9741000-9973099   | N/A                           | 13123          |
| 55 (3-Cyl.)  | 1998    | USA     | 0G590000 and Up   | N/A                           | 13141          |
| 55 (3-Cyl.)  | 1998    | BEL     | 9973100 and Up    | N/A                           | 13141          |
| 60 (3-Cyl.)  | 1988-90 | USA     | 0B110789-0D000749 | N/A                           | 13490          |
| 60 (3-Cyl.)  | 1988-90 | BEL     | 9482600-9671686   | N/A                           | 13490          |
| 60 (3-Cyl.)  | 1991-95 | USA     | 0D000750-0D181999 | N/A                           | 13122          |
| 60 (3-Cyl.)  | 1991-95 | BEL     | 9682500-9740999   | N/A                           | 13122          |
| 60 (3-Cyl.)  | 1996-97 | USA     | 0D182000-0G589999 | N/A                           | 13123          |
| 60 (3-Cyl.)  | 1991-95 | BEL     | 9741000-9973099   | N/A                           | 13123          |
| 60 (3-Cyl.)  | 1998    | USA     | 0G590000 and Up   | N/A                           | 13141          |
| 60 (3-Cyl.)  | 1998    | BEL     | 9973100 and Up    | N/A                           | 13141          |
| 70 (3-Cyl.)  | 1987    | USA     | 0A996142 and Up   | 13800                         | 13124          |
| 70 (3-Cyl.)  | 1987    | BEL     | 9483121 and Up    | 13800                         | 13124          |
| 75 (3-Cyl.)  | 1990-98 | USA     | 0C222000 and Up   | 13800                         | 13124          |
| 75 (3-Cyl.)  | 1990-98 | BEL     | 9589039 and Up    | 13800                         | 13124          |
| 80 (3-Cyl.)  | 1987    | USA     | 0A996142 and Up   | 13800                         | 13124          |
| 80 (3-Cyl.)  | 1987    | BEL     | 9483121 and Up    | 13800                         | 13124          |
| 90 (3-Cyl.)  | 1987    | USA     | 0A996142 and Up   | 13800                         | 13124          |
| 90 (3-Cyl.)  | 1987    | BEL     | 9483121 and Up    | 13800                         | 13124          |
| 100 (4-Cyl.) | 1988-98 | USA     | 0B209468 and Up   | 13800                         | 13124          |
| 100 (4-Cyl.) | 1988-98 | BEL     | 9523034 and Up    | 13800                         | 13124          |
| 115 (4-Cyl.) | 1989-98 | USA     | 0C100000 and Up   | 13800                         | 13124          |
| 115 (4-Cyl.) | 1989-98 | BEL     | 9559771 and Up    | 13800                         | 13124          |
| 125 (4-Cyl.) | 1994-98 | USA     | 0D283222 and Up   | 13800                         | 13124          |
| 125 (4-Cyl.) | 1994-98 | BEL     | 9793577 and Up    | 13800                         | 13124          |
| V-135        | 1986-88 | USA     | 0A904646 and Up   | 13810                         | 13340          |
| V-150        | 1986-88 | USA     | 0A904646 and Up   | 13810                         | 13340          |
| XR-4         | 1991    | USA     | 0C239553-0D081999 | 13810                         | 13340          |
| Magnum II    | 1991    | USA     | 0C239553-0D081999 | 13810                         | 13340          |
| XR-6         | 1992-98 | USA     | 0D082000 and Up   | 13810                         | 13340          |
| Magnum III   | 1992-98 | USA     | 0D082000 and Up   | 13810                         | 13340          |
| V-175        | 1989-90 | USA     | 0C100861 and Up   | 13810                         | 13340          |
| V-200        | 1984-88 | USA     | 6435503 and Up    | 13810                         | 13340          |

# Mercury / Mariner / Force

| THERMOSTAT HOUSING COMPONENTS                                                                                                                                                              |                                                                                                                                                                                            |                                                                                                                                                                                 |                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>No. 13142</b><br>THERMOSTAT COVER<br>OEM: 827251A1<br><br>40, 50, 55, 60 HP 3-Cyl.<br>s/n G662183 & Up | <b>No. 31990</b><br>GASKET<br>OEM: 27-78690<br><br>For V6                                                 | <b>No. 37850</b><br>GASKET<br>OEM: 27-827284<br><br>For GLM No. 13142 Cover                   | <b>No. 35090</b><br>GASKET<br>OEM: 27-812867-2<br><br>For OEM No. 19074-1 Cover<br>Design II |
| <b>No. 35011</b><br>GASKET<br>OEM: 27-812867-1<br><br>For OEM No. 19074 Cover<br>Design I                 | <b>No. 32820</b><br>GASKET<br>OEM: 27-43006-8<br><br>65 Jet, 75, 90 HP 3-Cyl.<br>100, 115, 125 HP L4-Cyl. | <b>No. 35650</b><br>GASKET<br>OEM: 27-19205-1<br><br>6, 8, 9.9, 10, 15 HP                     | <b>No. 32760</b><br>GASKET<br>OEM: 27-14318-3<br><br>6, 8, 9.9, 10, 15 HP                    |
| <b>No. 13821</b><br>SPRING<br>OEM: 24-64878<br><br>Force 40, 50 HP<br>Mercury 135-200 HP V6             | <b>No. 13822</b><br>SPRING<br>OEM: 24-66852<br><br>35, 50, 60 HP                                        | <b>No. 13823</b><br>SPRING<br>OEM: 24-47968<br><br>30, 35, 40 (400) (402) 2-Cyl.            | <b>No. 13824</b><br>SPRING<br>OEM: 24-42996<br><br>70, 75, 80, 90 HP 3-Cyl.<br>V6 (2.5L)   |
| <b>No. 13825</b><br>SPRING<br>OEM: 24-90392<br><br>30-60 HP 2 & 3-Cyl<br>V6 (3.4L)                      | <b>No. 13801</b><br>POPPET<br>OEM: 86596T<br><br>40-90 HP 2 & 3-Cyl.<br>135-225 HP V6                   | <b>No. 13802</b><br>POPPET<br>OEM: 812882-1<br><br>30, 40 HP 2-Cyl.<br>50, 55, 60 HP 3-Cyl. | <b>No. 13811</b><br>POPPET<br>OEM: 14480<br><br>For V6 (2.5L)                              |
| <b>No. 13808</b><br>DIAPHRAGM<br>OEM: 64877-1<br><br>3, L4-Cyl. & V6 (3.0L)                             | <b>No. 13809</b><br>DIAPHRAGM<br>OEM: 812887-1<br><br>30, 40 HP 2-Cyl.<br>50-90 HP 3-Cyl.               | <b>No. 13812</b><br>DIAPHRAGM<br>OEM: 14479-1<br><br>For V6 (2.5L)                          | <b>No. 13815</b><br>DEFLECTOR<br>OEM: 16496<br><br>For V6 (2.5L)                           |

# Mercury / Mariner / Force

## THERMOSTAT HOUSING COMPONENTS CONT.

|                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>No. 13803</b><br>CUP<br>OEM: 12-94182                                            | <b>No. 13805</b><br>CARRIER<br>OEM: 65848                                           | <b>No. 13806</b><br>GROMMET<br>OEM: 25-64872                                         | <b>No. 13143</b><br>CARRIER<br>OEM: 827365                                            |
|    |    |     |    |
| 30-125 HP 2, 3, & 4-Cyl.                                                            | 30-125 HP 2, 3, & 4-Cyl.                                                            | 30-125 HP 2, 3, & 4-Cyl.                                                             | 30 Jet, 40, 45, 50,<br>55, 60 HP 3-Cyl.                                               |
| <b>No. 30610</b><br>GASKET<br>OEM: 27-62386                                         | <b>No. 13144</b><br>SEAL<br>OEM: 26-854639                                          | <b>No. 13816</b><br>WASHER<br>OEM: 12-85303                                          | <b>No. 13817</b><br>WASHER-PLASTIC<br>OEM: 12-76451                                   |
|    |    |     |    |
| For Thermostat 1" Dia.                                                              | 30-60 HP 3-Cyl. V6 (3.0L)                                                           | L6-Cyl. & V6 (2.5L)                                                                  | V6 (2.5L), V6 (3.0L)                                                                  |
| <b>No. 30760</b><br>GASKET<br>OEM: 27-69524-2                                       | <b>No. 30770</b><br>GASKET<br>OEM: 27-69525-2                                       | <b>No. 30720</b><br>GASKET<br>OEM: 27-66847                                          | <b>No. 30800</b><br>GASKET<br>OEM: 27-70335-1                                         |
|  |  |  |  |
| <b>No. 10562</b><br>ELBOW FITTING-PLASTIC<br>OEM: 22-99664-1                        |                                                                                     | <b>No. 21751</b><br>SCREW<br>OEM: 10-69570                                           | <b>No. 21465</b><br>CABLE TIE<br>OEM: 54-816311T                                      |
|  |                                                                                     |   |  |
| For 3/8" I.D. Hose                                                                  |                                                                                     | For All Poppet                                                                       | 8" Length                                                                             |

## Section 11

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### Mercury / Mariner / Force Ignition and Electrical

|                                            |                |
|--------------------------------------------|----------------|
| <i>Point Sets .....</i>                    | <i>130</i>     |
| <i>Condensers .....</i>                    | <i>130</i>     |
| <i>Tune-Up Kits .....</i>                  | <i>130</i>     |
| <i>Coils .....</i>                         | <i>130</i>     |
| <i>Ignition System Applications .....</i>  | <i>131</i>     |
| <i>Solenoids .....</i>                     | <i>132</i>     |
| <i>Rectifier .....</i>                     | <i>132</i>     |
| <i>Power Trim Relay .....</i>              | <i>132</i>     |
| <i>Electrical System Applications.....</i> | <i>133-137</i> |

# Mercury / Mariner / Force

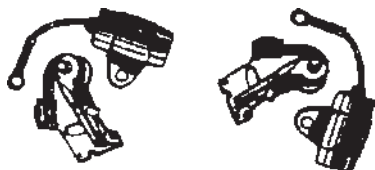
## TUNE-UP KITS

### No. 72990

OEM: N/A

Kit Contains:

| GLM   | OEM     | ITEM      | QTY |
|-------|---------|-----------|-----|
| 70160 | 398-174 | Point     | 2   |
| 70680 | 398-693 | Condenser | 2   |



### No. 72980

OEM: N/A

Kit Contains:

| GLM   | OEM      | ITEM      | QTY |
|-------|----------|-----------|-----|
| 70170 | 398-2202 | Point     | 2   |
| 70670 | 398-2203 | Condenser | 2   |

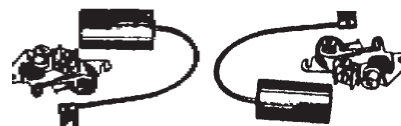


### No. 72970

OEM: N/A

Kit Contains:

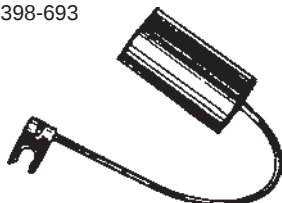
| GLM   | OEM        | ITEM      | QTY |
|-------|------------|-----------|-----|
| 70110 | 394-1100A3 | Point     | 2   |
| 70660 | 394-1130A1 | Condenser | 2   |



## CONDENSERS

### No. 70680

OEM: 398-693



### No. 70670

OEM: 398-2203



### No. 70660

OEM: 394-1130A1



## POINT SETS

### No. 70160

OEM: 398-174



### No. 70170

OEM: 398-2202



### No. 70110

OEM: 394-1100A3



## COILS

### No. 72110

OEM: 392-806529A1



### No. 72120

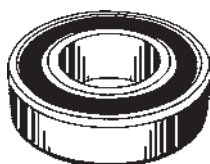
OEM: 398-173



## ROTOR SHAFT BEARINGS

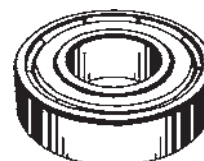
### No. 28180

OEM: 30-26379



### No. 28190

OEM: 30-20066



# Mercury / Mariner / Force

| IGNITION SYSTEM APPLICATIONS                |         |         |                  |        |           |               |             |
|---------------------------------------------|---------|---------|------------------|--------|-----------|---------------|-------------|
| Model                                       | Year    | Country | Serial No. Range | Points | Condenser | Ignition Coil | Tune-Up Kit |
| 3.5 (KF3) (Phelon ignition)                 | -       | -       | 358136-358615    | 70160  | 70680     | 72120         | 72990       |
| 3.5 (KF3) (Scintilla ignition)              | -       | -       | 358136-358615    | 70160  | 70680     | N.L.A.        | 72990       |
| 3.9 (3.9)                                   | 1964-68 | -       | 1655013-2498155  | 70170  | 70670     | -             | 72980       |
| 4 (1-Cyl.)                                  | 1969-71 | USA     | 2498136-2693114  | 70170  | 70670     | -             | 72980       |
| 5 (KF5) (Phelon ignition)                   | -       | -       | 338136 and Up    | 70160  | 70680     | 72120         | 72990       |
| 5 (KF5) (Scintilla ignition)                | -       | -       | 338136 and Up    | 70160  | 70680     | N.L.A.        | 72990       |
| 5 (MARK 5) (Phelon ignition)                | -       | -       | 574128-786612    | 70160  | 70680     | 72120         | 72990       |
| 5 (MARK 5) (Scintilla ignition)             | -       | -       | 574128-786612    | 70160  | 70680     | N.L.A.        | 72990       |
| 5.9 (MARK 6) (Phelon ignition)              | -       | -       | 888005-1134535   | 70160  | 70680     | 72120         | 72990       |
| 5.9 (MARK 6) (Scintilla ignition)           | -       | -       | 888005-1134535   | 70160  | 70680     | N.L.A.        | 72990       |
| 6 (MARK 6A) (Phelon ignition)               | -       | -       | 1184570 and Up   | 70160  | 70680     | 72120         | 72990       |
| 6 (MARK 6A) (Scintilla ignition)            | -       | -       | 1184570 and Up   | 70160  | 70680     | N.L.A.        | 72990       |
| 6 (60)                                      | 1963-65 | -       | 1408611-1610264  | 70160  | 70680     | 72120         | 72990       |
| 6 (60)                                      | 1966-68 | -       | 1610265-2529894  | 70170  | 70670     | -             | 72980       |
| 7.5 (KE4, KG4, MARK 7) (Phelon ignition)    | -       | -       | 214324 and Up    | 70160  | 70680     | 72120         | 72990       |
| 7.5 (KE4, KG4, MARK 7) (Scintilla ignition) | -       | -       | 214324 and Up    | 70160  | 70680     | N.L.A.        | 72990       |
| 7.5 (75)                                    | -       | -       | 2529895-2721150  | 70170  | 70670     | -             | 72980       |
| 9.8 (110)                                   | 1963-67 | -       | 1470349-1865778  | 70160  | 70680     | 72120         | 72990       |
| 9.8 (110)                                   | 1966-69 | -       | 1865778-2708898  | 70170  | 70670     | -             | 72980       |
| 10 (KE7, KF7, KG7) (Phelon ignition)        | -       | -       | All              | 70160  | 70680     | 72120         | 72990       |
| 10 (KE7, KF7, KG7) (Scintilla ignition)     | -       | -       | All              | 70160  | 70680     | N.L.A.        | 72990       |
| 10 (MARK 10A)                               | -       | -       | 1120828-1122327  | 70160  | 70680     | 72120         | 72990       |
| 10 (MARK 15)                                | -       | -       | 595628 and Up    | 70160  | 70680     | 72120         | 72990       |
| 10 (100)                                    | 1960-62 | -       | 1290910-1455239  | 70160  | 70680     | 72120         | 72990       |
| 15 (150)                                    | 1960-62 | -       | 1200114-1499331  | 70160  | 70680     | 72120         | 72990       |
| 20 (MARK 25, MARK 25E)                      | -       | -       | 860979 and Up    | 70160  | 70680     | 72120         | 72990       |
| 20 (200)                                    | 1963-65 | -       | 1558310-1592567  | 70160  | 70680     | 72120         | 72990       |
| 22 (MARK 22A)                               | -       | -       | 1158546-1499331  | 70160  | 70680     | 72120         | 72990       |
| 25 (250)                                    | 1960-62 | -       | 1200114-1499331  | 70160  | 70680     | 72120         | 72990       |
| 35 (350)                                    | 1963-69 | -       | 157114-2874703   | 70170  | 70670     | -             | 72980       |
| 60 (MARK 75)                                | -       | -       | 1072997 and Up   | -      | -         | 72110         | N/A         |
| 60 (600) (6-Cyl.)                           | 1960    | -       | 1303411-1542744  | -      | N/A       | 72110         | N/A         |
| 70 (MARK 78, 78A) (MARK 75A)                | -       | -       | 1110600 and Up   | -      | -         | 72110         | N/A         |
| 70 (700) (6-Cyl.)                           | 1960-61 | -       | 1296411-1566239  | -      | -         | 72110         | N/A         |
| 80 (800) (6-Cyl.)                           | 1960-61 | -       | 1335465-1566239  | -      | -         | 72110         | N/A         |
| 85 (850) (6-Cyl.)                           | 1963-64 | -       | 1460999-1766823  | -      | -         | 72110         | N/A         |
| 90 (900) (6-Cyl.)                           | 1965    | -       | 1766824-1869775  | -      | -         | 72110         | N/A         |
| 95 (950) (6-Cyl.)                           | 1966-67 | -       | 1869776-2318585  | -      | -         | 72110         | N/A         |
| 100 (1000) (6-Cyl.)                         | 1962-65 | -       | 1464949-2318585  | -      | -         | 72110         | N/A         |
| 110 (1100) (6-Cyl.)                         | 1966-67 | -       | 1870204-2314955  | -      | -         | 72110         | N/A         |

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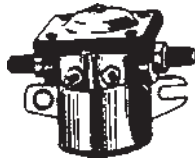
## SOLENOIDS

**No. 72480**

OEM: 25661T1

**No. 72430**

OEM: 47886



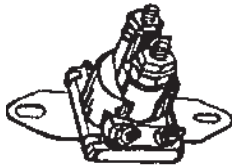
**No. 72500**

OEM: 89-817109A2



**No. 72390**

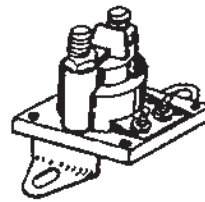
OEM: 89-96054T



Flat Base

**No. 72400**

OEM: 89-96158T



Bent Base

**No. 72380**

OEM: 89-818999A2



**No. 72401**

OEM: 89-850187T1



**No. 72402**

OEM: 89-818997T1



**No. 72370**

OEM: 89-853654A1



## RECTIFIER

**No. 72310**

OEM: 8M0058226



## POWER TRIM RELAY

**No. 73040**

OEM: 882751A1



# Mercury / Mariner / Force

## ELECTRICAL SYSTEM APPLICATIONS

| Model                                         | Year      | Country | Serial No. Range  | Starter Solenoid | Power Trim Solenoid | Power Trim Relay |
|-----------------------------------------------|-----------|---------|-------------------|------------------|---------------------|------------------|
| 6                                             | 1986-93   | USA     | 0A197112-0D280999 | 72390            | N/A                 | N/A              |
| 6                                             | 1986-93   | BEL     | 9461526-9792199   | 72390            | N/A                 | N/A              |
| 8                                             | 1986-93   | USA     | 0A197112-0D280999 | 72390            | N/A                 | N/A              |
| 8                                             | 1986-93   | BEL     | 9461526-9792199   | 72390            | N/A                 | N/A              |
| 9.9                                           | 1986-93   | USA     | 0A197112-0D280999 | 72390            | N/A                 | N/A              |
| 9.9                                           | 1986-93   | BEL     | 9461526-9792199   | 72390            | N/A                 | N/A              |
| 18 (18, 18XD)                                 | 1980-85   | USA     | 5837437 and Up    | 72390            | N/A                 | N/A              |
| 18 (18, 18XD)                                 | 1980-83   | AUS     | 8071973 and Up    | 72390            | N/A                 | N/A              |
| 18                                            | 1980-83   | BEL     | 9308306 and Up    | 72390            | N/A                 | N/A              |
| 18                                            | 1980-83   | CAN     | 7173723 and Up    | 72390            | N/A                 | N/A              |
| 20 (200, 20)                                  | 1978-81   | USA     | 4709593-6443972   | 72370            | N/A                 | N/A              |
| 20 (200, 20)                                  | 1978-81   | AUS     | 8045199 and Up    | 72370            | N/A                 | N/A              |
| 20 (200, 20)                                  | 1978-81   | BEL     | 9157230-9415100   | 72370            | N/A                 | N/A              |
| 20 (200, 20)                                  | 1978-81   | CAN     | 7098523-7209532   | 72370            | N/A                 | N/A              |
| 20 (20, 20XD)                                 | 1986-87   | USA     | 6443973 and Up    | 72390            | N/A                 | N/A              |
| 20 (20, 20XD)                                 | 1986-87   | BEL     | 9415101 and Up    | 72390            | N/A                 | N/A              |
| 20 (20, 20XD)                                 | 1986-87   | CAN     | 7209533 and Up    | 72390            | N/A                 | N/A              |
| 25 (25, 25XD) (2-Cyl.)                        | 1980-94   | USA     | 5705532-0G044026  | 72390            | N/A                 | N/A              |
| 25 (25, 25XD) (2-Cyl.)                        | 1980-83   | AUS     | 8073158 and Up    | 72390            | N/A                 | N/A              |
| 25                                            | 1980-83   | BEL     | 9315316 and Up    | 72390            | N/A                 | N/A              |
| 25                                            | 1980-83   | CAN     | 7166928 and Up    | 72390            | N/A                 | N/A              |
| 25 (4-Stroke)                                 | 1998      | USA     | 0G590000 and Up   | 72401            | N/A                 | N/A              |
| 30 (2-Cyl.) (644cc)                           | 1994-98   | USA     | 0G053314 and Up   | 72401            | N/A                 | 73040            |
| 30 (2-Cyl.) (644cc)                           | 1994-98   | BEL     | 0P017000 and Up   | 72401            | N/A                 | 73040            |
| 30 (Jet) (Non-Handle)                         | 1994-97   | USA     | 0C159200-0G589999 | 72390            | N/A                 | N/A              |
| 30 (Jet) (Non-Handle)                         | 1998      | USA     | 0G590000 and Up   | 72401            | N/A                 | N/A              |
| 35 (2-Cyl.) (w/3 Ram Trim)                    | 1984-86   | USA     | 6445653-0C159199  | 72400            | 72400               | N/A              |
| 35 (2-Cyl.) (w/3 Ram Trim)                    | 1984-86   | BEL     | 9384476 and Up    | 72400            | 72400               | N/A              |
| 35 (2-Cyl.) (w/3 Ram Trim)                    | 1984-86   | CAN     | 7209608 and Up    | 72400            | 72400               | N/A              |
| 35 (2-Cyl.) (w/1 Ram Trim)                    | 1987-89   | USA     | 0C159200 and Up   | 72400            | N/A                 | -                |
| 35 (2-Cyl.) (w/1 Ram Trim)                    | 1984-89   | BEL     | ALL               | 72400            | N/A                 | -                |
| 40 (40, 402, 400) (2-Cyl.)                    | 1970-79   | USA     | 2874704-5556229   | 72480            | N/A                 | N/A              |
| 40 (40, 402, 400) (2-Cyl.)                    | 1972-79   | AUS     | 8002335-8064749   | 72480            | N/A                 | N/A              |
| 40 (40, 402, 400) (2-Cyl.)                    | 1972-79   | BEL     | 3339688-9251455   | 72480            | N/A                 | N/A              |
| 40 (40, 402, 400) (2-Cyl.)                    | 1972-77   | CAN     | 3340783-7144762   | 72480            | N/A                 | N/A              |
| 40 (2-Cyl.)                                   | 1980-83   | USA     | 5556230-5823917   | 72370            | N/A                 | N/A              |
| 40 (2-Cyl.)                                   | 1980-83   | AUS     | 8064750-8070639   | 72370            | N/A                 | N/A              |
| 40 (2-Cyl.)                                   | 1980-83   | BEL     | 9251456-9298955   | 72370            | N/A                 | N/A              |
| 40 (2-Cyl.)                                   | 1980-83   | CAN     | 7144763-7169337   | 72370            | N/A                 | N/A              |
| 40 (2-Cyl.)                                   | 1980-83   | USA     | 5823918-0G053313  | 72400            | N/A                 | N/A              |
| 40 (2-Cyl.)                                   | 1980-83   | AUS     | 8070640 and Up    | 72400            | N/A                 | N/A              |
| 40 (2-Cyl.)                                   | 1980-83   | BEL     | 9298956 and Up    | 72400            | N/A                 | N/A              |
| 40 (2-Cyl.)                                   | 1980-83   | CAN     | 7169338 and Up    | 72400            | N/A                 | N/A              |
| 40 (2-Cyl.)                                   | 1994-98   | USA     | 0G053314 and Up   | 72401            | N/A                 | 73040            |
| 40 (3-Cyl.)                                   | 1997-98   | USA     | 0G531301 and Up   | 72401            | N/A                 | 73040            |
| 40 (3-Cyl.)                                   | 1997-98   | BEL     | 9973100 and Up    | 72401            | N/A                 | 73040            |
| 40 (4-Cyl.) (w/solenoids)                     | 1989 & Up | USA     | 0C159200 and Up   | 72390            | 72380               | N/A              |
| 40 (4-Cyl.) (w/solenoids)                     | 1989 & Up | BEL     | 9570790 and Up    | 72390            | 72380               | N/A              |
| 40 (4-Cyl.) (w/relays)                        | 1989 & Up | USA     | 0C159200 and Up   | 72390            | N/A                 | -                |
| 40 (4-Cyl.) (w/relays)                        | 1989 & Up | BEL     | 9570790 and Up    | 72390            | N/A                 | -                |
| 40 (4-Stroke)                                 | 1998      | USA     | 0G231123 and Up   | -                | N/A                 | 73040            |
| 45 (4-Cyl.) (w/o trim circuit breaker & fuse) | 1986      | USA     | 5531630-6146848   | 72370            | 72401               | N/A              |
| 45 (4-Cyl.) (w/o trim circuit breaker & fuse) | 1986      | AUS     | 8063985-8075602   | 72370            | 72401               | N/A              |
| 45 (4-Cyl.) (w/o trim circuit breaker & fuse) | 1986      | BEL     | 9248006-9362390   | 72370            | 72401               | N/A              |
| 45 (4-Cyl.) (w/o trim circuit breaker & fuse) | 1986      | CAN     | 7143688-7198592   | 72370            | 72401               | N/A              |
| 45 (4-Cyl.) (w/ trim circuit breaker & fuse)  | 1986      | USA     | 5531630-6146848   | 72370            | 72400               | N/A              |
| 45 (4-Cyl.) (w/ trim circuit breaker & fuse)  | 1986      | AUS     | 8063985-8075602   | 72370            | 72400               | N/A              |
| 45 (4-Cyl.) (w/ trim circuit breaker & fuse)  | 1986      | BEL     | 9248006-9362390   | 72370            | 72400               | N/A              |
| 45 (4-Cyl.) (w/ trim circuit breaker & fuse)  | 1986      | CAN     | 7143688-7198592   | 72370            | 72400               | N/A              |
| 45 (4-Cyl.) (w/o trim circuit breaker & fuse) | 1986-89   | USA     | 6146849 and Up    | 72400            | 72401               | N/A              |
| 45 (4-Cyl.) (w/o trim circuit breaker & fuse) | 1986-89   | BEL     | 9362391 and Up    | 72400            | 72401               | N/A              |
| 45 (4-Cyl.) (w/o trim circuit breaker & fuse) | 1986-89   | CAN     | 7198593 and Up    | 72400            | 72401               | N/A              |
| 45 (4-Cyl.) (w/ trim circuit breaker & fuse)  | 1986-89   | USA     | 6146849 and Up    | 72400            | 72400               | N/A              |
| 45 (4-Cyl.) (w/ trim circuit breaker & fuse)  | 1986-89   | BEL     | 9362391 and Up    | 72400            | 72400               | N/A              |
| 45 (4-Cyl.) (w/ trim circuit breaker & fuse)  | 1986-89   | CAN     | 7198593 and Up    | 72400            | 72400               | N/A              |
| 45 (4-Cyl.)                                   | 1987-89   | USA     | 0B110789 and Up   | 72400            | 72400               | N/A              |
| 45 (4-Cyl.)                                   | 1987-89   | BEL     | 9466692 and Up    | 72400            | 72400               | N/A              |
| 45 (4-Cyl.)                                   | 1987-89   | CAN     | 0A719281 and Up   | 72400            | 72400               | N/A              |
| 45 (4-Stroke/Bodensee)                        | 1996-98   | USA     | 0G231123 and Up   | -                | N/A                 | 73040            |
| 45 Jet (w/ flush mount starter solenoid)      | 1994-95   | USA     | 0D000750-0G290584 | 72390            | N/A                 | N/A              |
| 45 Jet                                        | 1998      | USA     | 0G590000 and Up   | 72401            | N/A                 | N/A              |
| 50 (500)                                      | 1971-74   | USA     | 3008819-4140999   | 72480            | N/A                 | N/A              |
| 50 (500)                                      | 1971-74   | AUS     | 3015354-8029514   | 72480            | N/A                 | N/A              |
| 50 (500)                                      | 1971-74   | BEL     | 9001581-9082513   | 72480            | N/A                 | N/A              |
| 50 (500)                                      | 1971-74   | CAN     | 3015454-7051982   | 72480            | N/A                 | N/A              |
| 50 (50, 500)                                  | 1975-79   | USA     | 4141000-5531629   | 72370            | N/A                 | N/A              |
| 50 (50, 500)                                  | 1975-79   | AUS     | 8029515-8063984   | 72370            | N/A                 | N/A              |
| 50 (50, 500)                                  | 1975-79   | BEL     | 9082514-9248005   | 72370            | N/A                 | N/A              |

# Mercury / Mariner / Force

## ELECTRICAL SYSTEM APPLICATIONS CONT.

| Model                                                  | Year    | Country | Serial No. Range  | Starter Solenoid | Power Trim Solenoid | Power Trim Relay |
|--------------------------------------------------------|---------|---------|-------------------|------------------|---------------------|------------------|
| 50 (50, 500)                                           | 1975-79 | CAN     | 7051983-7143687   | 72370            | N/A                 | N/A              |
| 50 (4-Cyl.) (w/o trim circuit breaker & fuse)          | 1980-85 | USA     | 5531630-6146848   | 72370            | 72401               | N/A              |
| 50 (4-Cyl.) (w/o trim circuit breaker & fuse)          | 1980-85 | AUS     | 8063985-8075602   | 72370            | 72401               | N/A              |
| 50 (4-Cyl.) (w/o trim circuit breaker & fuse)          | 1980-85 | BEL     | 9248006-9362390   | 72370            | 72401               | N/A              |
| 50 (4-Cyl.) (w/o trim circuit breaker & fuse)          | 1980-85 | CAN     | 7143688-7198592   | 72370            | 72401               | N/A              |
| 50 (4-Cyl.) (w/ trim circuit breaker & fuse)           | 1980-85 | USA     | 5531630-6146848   | 72370            | 72400               | N/A              |
| 50 (4-Cyl.) (w/ trim circuit breaker & fuse)           | 1980-85 | AUS     | 8063985-8075602   | 72370            | 72400               | N/A              |
| 50 (4-Cyl.) (w/ trim circuit breaker & fuse)           | 1980-85 | BEL     | 9248006-9362390   | 72370            | 72400               | N/A              |
| 50 (4-Cyl.) (w/ trim circuit breaker & fuse)           | 1980-85 | CAN     | 7143688-7198592   | 72370            | 72400               | N/A              |
| 50 (4-Cyl.) (w/o trim circuit breaker & fuse)          | 1980-85 | USA     | 6146849 and Up    | 72400            | 72401               | N/A              |
| 50 (4-Cyl.) (w/o trim circuit breaker & fuse)          | 1980-85 | BEL     | 9362391 and Up    | 72400            | 72401               | N/A              |
| 50 (4-Cyl.) (w/o trim circuit breaker & fuse)          | 1980-85 | CAN     | 7198593 and Up    | 72400            | 72401               | N/A              |
| 50 (4-Cyl.) (w/ trim circuit breaker & fuse)           | 1980-85 | USA     | 6146849 and Up    | 72400            | 72400               | N/A              |
| 50 (4-Cyl.) (w/ trim circuit breaker & fuse)           | 1980-85 | BEL     | 9362391 and Up    | 72400            | 72400               | N/A              |
| 50 (4-Cyl.) (w/ trim circuit breaker & fuse)           | 1980-85 | CAN     | 7198593 and Up    | 72400            | 72400               | N/A              |
| 50 (3-Cyl.)                                            | 1986-87 | USA     | 6428681-0B122929  | -                | 72400               | N/A              |
| 50 (3-Cyl.)                                            | 1986-87 | BEL     | 9385911-9469199   | -                | 72400               | N/A              |
| 50 (3-Cyl.)                                            | 1986-87 | CAN     | 7208333-0A721308  | -                | 72400               | N/A              |
| 50 (3-Cyl.) (w/ 3 Ram Trim)                            | 1988-90 | USA     | 0B122930-0D000749 | 72400            | 72400               | N/A              |
| 50 (3-Cyl.) (w/ 3 Ram Trim)                            | 1988-90 | BEL     | 9469200-9683054   | 72400            | 72400               | N/A              |
| 50 (3-Cyl.) (w/ 3 Ram Trim)                            | 1988-90 | CAN     | 0A721309 and Up   | 72400            | 72400               | N/A              |
| 50 (3-Cyl.) (w/ 1 Ram Trim)                            | 1988-90 | USA     | 0B122930-0D000749 | 72400            | N/A                 | -                |
| 50 (3-Cyl.) (w/ 1 Ram Trim)                            | 1988-90 | BEL     | 9469200-9683054   | 72400            | N/A                 | -                |
| 50 (3-Cyl.) (w/ 1 Ram Trim)                            | 1988-90 | CAN     | 0A721309 and Up   | 72400            | N/A                 | -                |
| 50 (3-Cyl.) (w/ flush mount starter solenoid)          | 1991-95 | USA     | 0D000750-0D081999 | 72390            | N/A                 | 73040            |
| 50 (3-Cyl.) (w/ flush mount starter solenoid)          | 1991-95 | BEL     | 9683055-9885344   | 72390            | N/A                 | 73040            |
| 50 (3-Cyl.) (w/ rubber bushing mount starter solenoid) | 1991-95 | USA     | 0D000750-0D081999 | -                | N/A                 | 73040            |
| 50 (3-Cyl.) (w/ rubber bushing mount starter solenoid) | 1991-95 | BEL     | 9683055-9885344   | -                | N/A                 | 73040            |
| 50 (3-Cyl.)                                            | 1996-97 | USA     | 0G290585-0G589999 | 72380            | N/A                 | 73040            |
| 50 (3-Cyl.)                                            | 1996-97 | BEL     | 9885345-9973099   | 72380            | N/A                 | 73040            |
| 50 (3-Cyl.)                                            | 1998    | USA     | 0G590000 and Up   | 72401            | N/A                 | 73040            |
| 50 (3-Cyl.)                                            | 1998    | BEL     | 9973100 and Up    | 72401            | N/A                 | 73040            |
| 55 (3-Cyl.) (w/ flush mount starter solenoid)          | 1996    | USA     | 0D000750-0G290584 | 72390            | N/A                 | 73040            |
| 55 (3-Cyl.) (w/ flush mount starter solenoid)          | 1996    | BEL     | 9683055-9885344   | 72390            | N/A                 | 73040            |
| 55 (3-Cyl.) (w/ rubber bushing mount starter solenoid) | 1996    | USA     | 0D000750-0G290584 | -                | N/A                 | 73040            |
| 55 (3-Cyl.) (w/ rubber bushing mount starter solenoid) | 1996    | BEL     | 9683055-9885344   | -                | N/A                 | 73040            |
| 55 (3-Cyl.)                                            | 1997    | USA     | 0G290585-0G589999 | 72380            | N/A                 | 73040            |
| 55 (3-Cyl.)                                            | 1997    | BEL     | 9885345-9973099   | 72380            | N/A                 | 73040            |
| 55 (3-Cyl.)                                            | 1998    | USA     | 0G590000 and Up   | 72401            | N/A                 | 73040            |
| 55 (3-Cyl.)                                            | 1998    | BEL     | 9973100 and Up    | 72401            | N/A                 | 73040            |
| 60 (3-Cyl.)                                            | 1984-87 | USA     | 6428681-0B122929  | 72390            | 72400               | N/A              |
| 60 (3-Cyl.)                                            | 1984-87 | BEL     | 9385911-9469199   | 72390            | 72400               | N/A              |
| 60 (3-Cyl.)                                            | 1984-87 | CAN     | 7208333-0A721308  | 72390            | 72400               | N/A              |
| 60 (3-Cyl.) (w/ 3 Ram Trim)                            | 1988-90 | USA     | 0B122930-0D000749 | 72400            | 72400               | N/A              |
| 60 (3-Cyl.) (w/ 3 Ram Trim)                            | 1988-90 | BEL     | 9469200-9603054   | 72400            | 72400               | N/A              |
| 60 (3-Cyl.) (w/ 3 Ram Trim)                            | 1988-90 | CAN     | 0A721309 and Up   | 72400            | 72400               | N/A              |
| 60 (3-Cyl.) (w/ 1 Ram Trim)                            | 1988-90 | USA     | 0B122930-0D000749 | 72400            | N/A                 | -                |
| 60 (3-Cyl.) (w/ 1 Ram Trim)                            | 1988-90 | BEL     | 9469200-9603054   | 72400            | N/A                 | -                |
| 60 (3-Cyl.) (w/ 1 Ram Trim)                            | 1988-90 | CAN     | 0A721309 and Up   | 72400            | N/A                 | -                |
| 60 (3-Cyl.) (w/ flush mount starter solenoid)          | 1991-95 | USA     | 0D000750-0G290584 | 72390            | N/A                 | 73040            |
| 60 (3-Cyl.) (w/ flush mount starter solenoid)          | 1991-95 | BEL     | 9683055-9885344   | 72390            | N/A                 | 73040            |
| 60 (3-Cyl.) (w/ rubber bushing mount starter solenoid) | 1991-95 | USA     | 0D000750-0G290584 | -                | N/A                 | 73040            |
| 60 (3-Cyl.) (w/ rubber bushing mount starter solenoid) | 1991-95 | BEL     | 9683055-9885344   | -                | N/A                 | 73040            |
| 60 (3-Cyl.)                                            | 1996-97 | USA     | 0G290585-0G589999 | 72380            | N/A                 | 73040            |
| 60 (3-Cyl.)                                            | 1996-97 | BEL     | 9885345-9973099   | 72380            | N/A                 | 73040            |
| 60 (3-Cyl.)                                            | 1998    | USA     | 0G590000 and Up   | 72401            | N/A                 | 73040            |
| 60 (3-Cyl.)                                            | 1998    | BEL     | 9973100 and Up    | 72401            | N/A                 | 73040            |
| 65 (650) (4-Cyl.)                                      | 1970-71 | -       | 2446775-3293183   | 72480            | N/A                 | N/A              |
| 65 (650) (3-Cyl.)                                      | 1973-76 | USA     | 3547987-4571651   | 72370            | N/A                 | N/A              |
| 65 (650) (3-Cyl.)                                      | 1973-75 | AUS     | 8006640-8042349   | 72370            | N/A                 | N/A              |
| 65 (650) (3-Cyl.)                                      | 1973-76 | BEL     | 9020074-9135824   | 72370            | N/A                 | N/A              |
| 65 (650) (3-Cyl.)                                      | 1973-76 | CAN     | 7013633-7087822   | 72370            | N/A                 | N/A              |
| 65 Jet                                                 | 1994-98 | USA     | ALL               | 72401            | N/A                 | N/A              |
| 65 Jet                                                 | 1994-98 | USA     | 0G127500 and Up   | 72500            | N/A                 | N/A              |
| 70 (3-Cyl.)                                            | 1977-79 | USA     | 4571652-5579016   | 72370            | N/A                 | N/A              |
| 70 (3-Cyl.)                                            | 1977-79 | AUS     | 8042350-8065064   | 72370            | N/A                 | N/A              |
| 70 (3-Cyl.)                                            | 1977-79 | BEL     | 9135825-9255130   | 72370            | N/A                 | N/A              |
| 70 (3-Cyl.)                                            | 1977-79 | CAN     | 7087823-7145937   | 72370            | N/A                 | N/A              |
| 70 (3-Cyl.)                                            | 1980-83 | USA     | 5579017-6104369   | 72370            | 72370               | N/A              |
| 70 (3-Cyl.)                                            | 1980-83 | AUS     | 8065065-8068964   | 72370            | 72370               | N/A              |
| 70 (3-Cyl.)                                            | 1980-83 | BEL     | 9255131-9352915   | 72370            | 72370               | N/A              |
| 70 (3-Cyl.)                                            | 1980-83 | CAN     | 7145938-7192547   | 72370            | 72370               | N/A              |
| 70 (3-Cyl.)                                            | 1980-83 | USA     | 610470-6428680    | 72390            | 72370               | N/A              |
| 70 (3-Cyl.)                                            | 1980-83 | BEL     | 9352916-9385910   | 72390            | 72370               | N/A              |
| 70 (3-Cyl.)                                            | 1980-83 | CAN     | 7192548-7208332   | 72390            | 72370               | N/A              |
| 70 (3-Cyl.)                                            | 1987    | USA     | 0A996142 and Up   | 72400            | 72400               | N/A              |
| 70 (3-Cyl.)                                            | 1987    | BEL     | 9483121 and Up    | 72400            | 72400               | N/A              |
| 75 (4-Cyl.)                                            | 1984-88 | USA     | 6432901 and Up    | 72390            | 72400               | N/A              |









## Section 12

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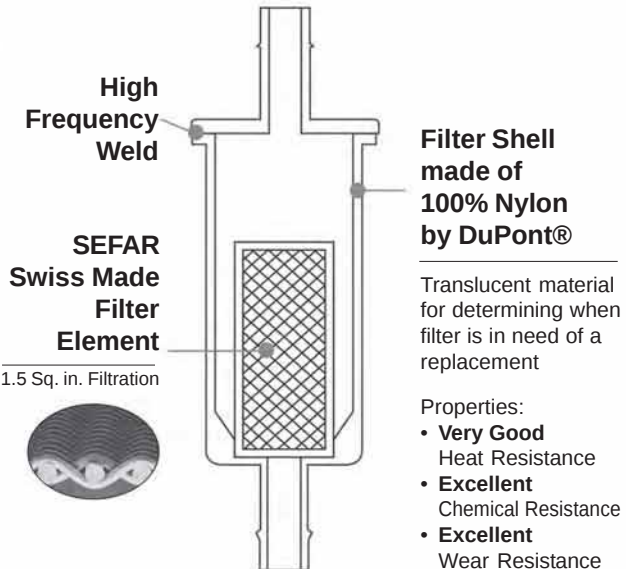
### Mercury / Mariner / Force Carburetor Kits and Fuel Pumps

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| <i>Low Pick-up Water / Fuel Separator Mounting Bracket .....</i>   | <i>141</i>     |
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# Mercury / Mariner / Force

## FUEL FILTERS

### GLM's PLASTIC INLINE FUEL FILTERS



**NEW PACKAGING!**

**Brisk Packaging for Easy Opening**



#### No. 40135

OEM: 435918  
For  $\varnothing$  5/16" In -  $\varnothing$  3/8" Out

#### No. 40145

OEM: 35-816296Q03  
Use with  $\varnothing$  1/4" Hose

#### No. 40155

OEM: 35-816296Q2  
Use with  $\varnothing$  5/16" Hose

#### No. 40165

OEM: N/A  
Use with  $\varnothing$  3/8" Hose

### GLM's Transparent Inline Fuel Filter

Eliminate contaminants such as dust or dirt particles. Acts not only as a blocking device, but is also a gauge to indicate filter replacement. As affordable as disposable in-line fuel filters

**WARNING:**  
**DO NOT USE ON**  
**INBOARD ENGINE**  
**APPLICATIONS**



#### No. 40140 ( $\varnothing$ 1/4")

OEM: N/A

#### No. 40150 ( $\varnothing$ 5/16")

OEM: N/A

#### No. 40160 ( $\varnothing$ 3/8")

OEM: N/A

Swiss Made  
Filter Element

#### No. 40000

REPLACEMENT FILTER  
OEM: N/A

For No. 40140,  
40150, 40160

Swiss Made  
Filter Element



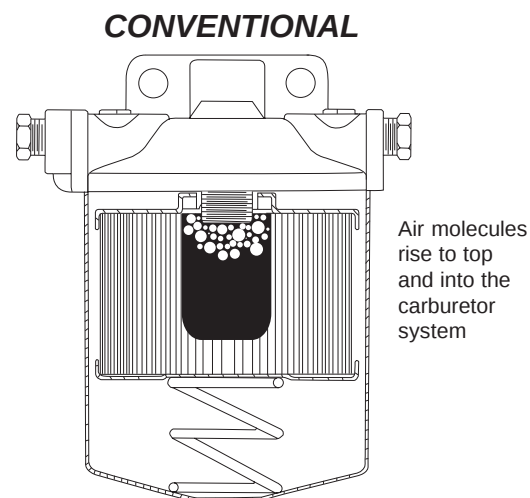
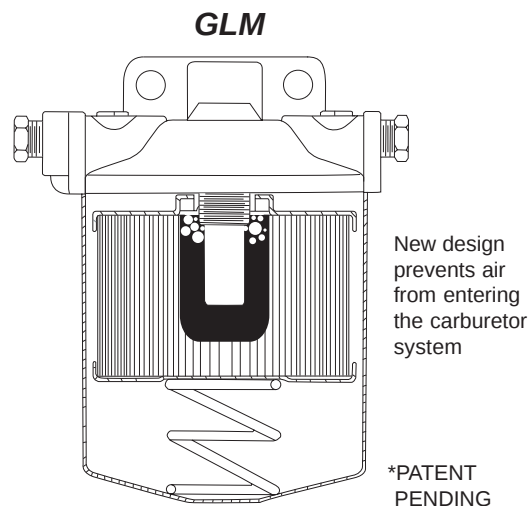
# Mercury / Mariner / Force

## **ELIMINATE FUEL STARVATION WITH THE NEW GLM LOW PICK-UP WATER / FUEL SEPARATOR MOUNTING BRACKET**

Engine compartment temperatures can soar on hot summer days creating high gasoline temperatures. High temps and agitation caused by rough seas can aerate the gasoline in the water/fuel separator filter turning it into foam. A fuel pump can't pull aerated gasoline from the water/fuel separator and pump it to the carburetor or fuel rail efficiently. The engine will show signs of gasoline starvation (lean) at high speeds, a situation very similar to vapor lock.

Because this aerated gasoline rises to the top of the water/fuel separator filter, GLM has introduced a water/fuel filter separator mounting bracket with a fuel pick-up extending deeper into the filter. Through extensive research and testing the GLM engineers have found the optimum location for the fuel pick-up. The deeper location is low enough to be free of aerated gasoline but high enough to be free of the water in the bottom of the separator.

The deeper fuel pick-up is only found on the new GLM water/fuel separator mounting bracket kits. It might solve some of those mysterious fuel delivery problems your engine may be experiencing!



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**\*For trouble free boating always remember to replace your water/fuel separator filter after every 50 hours of engine operation!**

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# Mercury / Mariner / Force

## HOW TO CHOOSE THE CORRECT WATER/FUEL SEPARATOR

Water/Fuel Separators are categorized by their capacity to filter different sized dirt particles. Rated in Microns, (each micron is one millionth of an inch in diameter) marine filters will normally be available with elements capable of filtering 2 micron particles, 10 micron particles, or 28 micron particles. A marine filter capable of filtering 2 micron particles will clean the fuel more efficiently than a 28 micron filter but will be more restrictive to fuel flow. The 2 micron filter will also become dirty sooner and will need replacement more often.

Fuel flow is rated in Gallons Per Hour (GPH). A typical 350/5.7L inboard engine will require 27 GPH at 4,800 rpm, a 454/7.4L inboard engine will require 37 GPH at 4,800 rpm. Selecting a fuel/water separator filter should be based on the amount of fuel the engine requires in GPH at wide open throttle.

A 2 micron fuel filter is generally too restrictive for the average four stroke inboard engine and may separate the

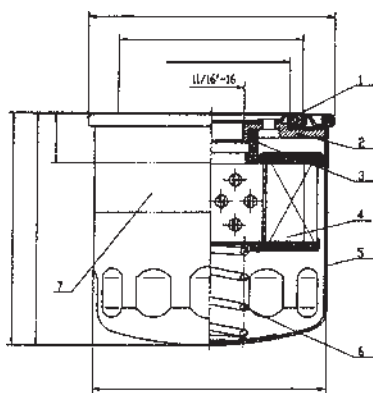
oil from the fuel in two stroke outboard engines. For this reason GLM sells only the 10 and 28 micron fuel filters.

The 28 micron filter is the most common size fuel filter in the marine industry and is the standard replacement filter for all two stroke and four stroke marine engines. The GLM 28 micron filter exceeds all engine manufacturers' specifications for particle filtering, water separating and fuel flow.

The GLM 10 micron filter will provide exceptional filtering and only moderate fuel pressure loss. When used with sufficient sized fuel lines it will flow enough fuel for inboard engines up to 550 horsepower. It will **not** separate the oil from the gasoline on a two stroke outboard equipped boat. Because a 10 micron filter clogs faster than a 28 micron filter GLM recommends it only for boaters who are vigilant in replacing the water/fuel separator filter at regular intervals.

### GLM Fuel Filter Features

- \* 28 or 10 micron filter paper shaped into 70 pleats total 327 sq. in. filtration. The largest filtering capability in the aftermarket. (4)
- \* BWG #11 heavy duty spring (6).
- \* Gasoline resistant rubber seals (1) (3).
- \* Oxidizing treatment inside powder coated outside for corrosion protection (5).
- \* Minimum 196N.m. torque strength between adapt plate and canister (2).
- \* Will not separate 2 cycle oil from gasoline!



| SUS316<br>Stainless Steel Brackets                                                                                         |                                                                                                                            | Translucent Red<br>Stainless Steel Brackets                                                                                |                                                                                                                            | Die Cast<br>Aluminum Brackets                                                                                |                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>No. 25010</b><br>w/ 2 brass plugs<br>2 extension tubes<br><br><b>NEW</b><br>ø 1/4" NPTF Ports<br>(2 inputs & 2 outputs) | <b>No. 25030</b><br>w/ 2 brass plugs<br>2 extension tubes<br><br><b>NEW</b><br>ø 3/8" NPTF Ports<br>(2 inputs & 2 outputs) | <b>No. 25011</b><br>w/ 2 brass plugs<br>2 extension tubes<br><br><b>NEW</b><br>ø 1/4" NPTF Ports<br>(2 inputs & 2 outputs) | <b>No. 25031</b><br>w/ 2 brass plugs<br>2 extension tubes<br><br><b>NEW</b><br>ø 3/8" NPTF Ports<br>(2 inputs & 2 outputs) | <b>No. 25000</b><br>w/ 2 brass plugs<br>2 extension tubes<br><br>ø 1/4" NPTF Ports<br>(2 inputs & 2 outputs) | <b>No. 25020</b><br>w/ 2 brass plugs<br>2 extension tubes<br><br><b>NEW</b><br>ø 3/8" NPTF Ports<br>(2 inputs & 2 outputs) |
| <b>No. 24942</b><br>WATER SEPARATOR FUEL FILTER<br>OEM: N/A<br><br>10 Micron<br>Height 4-7/16"                             |                                                                                                                            |                                                                                                                            |                                                                                                                            | <b>No. 24940</b><br>WATER SEPARATOR FUEL FILTER<br>OEM: N/A<br><br>28 Micron<br>Height 4-7/16"               |                                                                                                                            |

# Mercury / Mariner / Force

## WATER SEPARATING FUEL FILTER KITS

### With Stainless Steel Bracket

#### No. 24956

(24940+25010)

OEM: N/A

28 Micron

ø 1/4" NPTF Ports  
Flow: 50 GPH  
with 2 brass plugs & 2 extension tubes



**NEW**

#### No. 24958

(24940+25030)

OEM: N/A

28 Micron

ø 3/8" NPTF Ports  
Flow: 75 GPH  
with 2 brass plugs & 2 extension tubes



**NEW**

#### No. 24957

(24942+25010)

OEM: N/A

10 Micron

ø 1/4" NPTF Ports  
Flow: 50 GPH  
with 2 brass plugs & 2 extension tubes



**NEW**

#### No. 24959

(24942+25030)

OEM: N/A

10 Micron

ø 3/8" NPTF Ports  
Flow: 75 GPH  
with 2 brass plugs & 2 extension tubes



**NEW**

### With NEW! Translucent Red Stainless Steel Bracket

#### No. 24960

(24940+25011)

OEM: N/A

28 Micron

ø 1/4" NPTF Ports  
Flow: 50 GPH  
with 2 brass plugs & 2 extension tubes



**NEW**

#### No. 24962

(24940+25031)

OEM: N/A

28 Micron

ø 3/8" NPTF Ports  
Flow: 75 GPH  
with 2 brass plugs & 2 extension tubes



**NEW**

### With Die Cast Aluminum Bracket

#### No. 24950

(24940+25000)

OEM: N/A

28 Micron

ø 1/4" NPTF Ports  
Flow: 50 GPH  
with 2 brass plugs & 2 extension tubes



#### No. 24953

(24940+25020)

OEM: N/A

28 Micron

ø 3/8" NPTF Ports  
Flow: 75 GPH  
with 2 brass plugs & 2 extension tubes



**NEW**

#### No. 24952

(24942+25000)

OEM: N/A

10 Micron

ø 1/4" NPTF Ports  
Flow: 50 GPH  
with 2 brass plugs & 2 extension tubes



**NEW**

#### No. 24954

(24942+25020)

OEM: N/A

10 Micron

ø 3/8" NPTF Ports  
Flow: 75 GPH  
with 2 brass plugs & 2 extension tubes



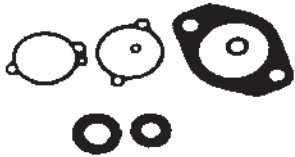
**NEW**

# Mercury / Mariner / Force

## CARBURETOR DIAPHRAGM AND GASKET KITS

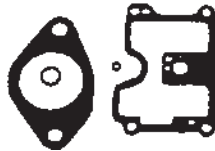
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OEM: 1395-4808-1



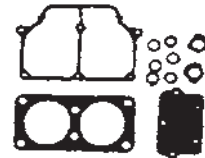
### No. 40410

OEM: 1395-6200



### No. 40420

OEM: 1395-6452



### No. 40435

OEM: 1399-1717, 1399-2015



### No. 40460

OEM: 1399-5135, 1399-5198



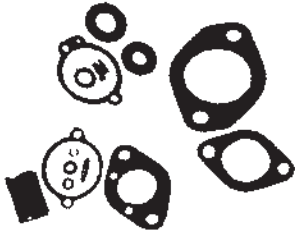
### No. 40470

OEM: N/A



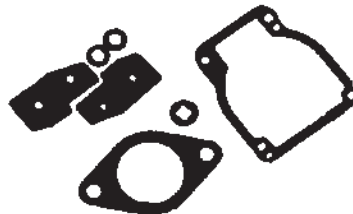
### No. 40480

OEM: N/A



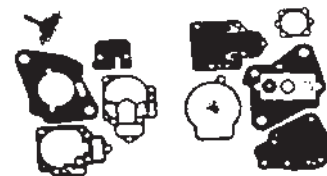
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OEM: 1395-811223-1



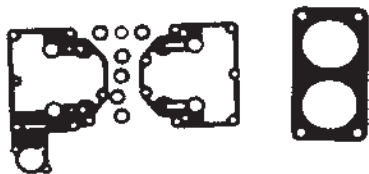
### No. 40610

OEM: 1395-9761-1



### No. 40620

OEM: 810749-2



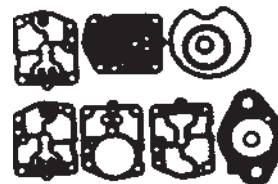
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OEM: 810749-3



### No. 40640

OEM: 1395-9024



### No. 40440

OEM: 1395-9651



### No. 40450

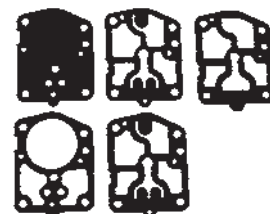
OEM: FK10352



For Force 9.9, 15, 25 HP

### No. 40660

OEM: 1399-5137

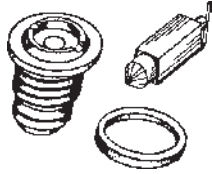


# Mercury / Mariner / Force

## INLET NEEDLE AND SEAT ASSEMBLIES

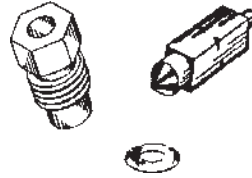
**No. 40900**

OEM: 1395-7824



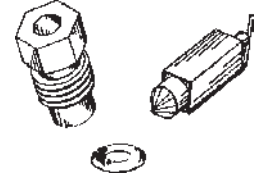
**No. 40910**

OEM: 1395-8318



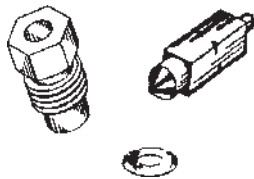
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OEM: 1395-9258-1



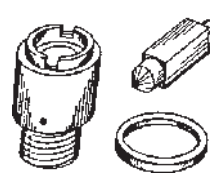
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OEM: 19271-1



**No. 40940**

OEM: 1395-811690-1



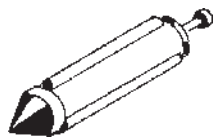
**No. 40950**

OEM: 1395-9595-1



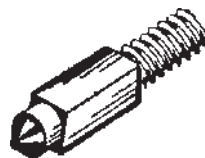
**No. 40960**

OEM: 809570-1



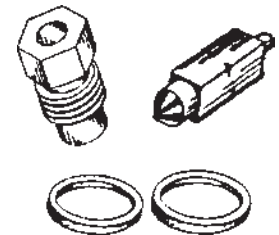
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**No. 40980**

OEM: F010790



## CARBURETOR FLOATS

**No. 77250**

OEM: 1395-8673



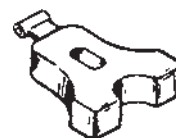
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OEM: 1395-9594



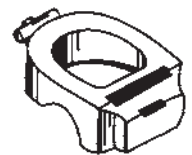
**No. 77270**

OEM: 810738



**No. 77280**

OEM: 1395-9267



# Mercury / Mariner / Force

## GASKETS FOR FUEL SYSTEM

|                                                                                                                                                                                  |                                                                                                                                                                                 |                                                                                                                                                                                                |                                                                                                                                                                                           |                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>No. 32190</b><br>GASKET<br>OEM: 1399-99<br><br>For Early L4 & L6-Cyl.                        | <b>No. 32200</b><br>GASKET<br>OEM: 1399-5207<br><br>7.5, 9.8, 18, 25, 45, 50 HP                | <b>No. 32770</b><br>CARBURETOR<br>GASKET<br>OEM: 27-15172-3<br><br>3 & L4-Cyl.                                | <b>No. 31260</b><br>PUMP COVER<br>SCREW GASKET<br>OEM: 27-25848<br><br>2, 3, L4 & L6-Cyl.               | <b>No. 31270</b><br>STRAINER COVER<br>(SMALL) GASKET<br>OEM: 27-25849<br><br>              |
| <b>No. 31280</b><br>STRAINER COVER<br>(LARGE) GASKET<br>OEM: 27-25851<br><br>                   | <b>No. 31300</b><br>CARBURETOR<br>FLANGE GASKET<br>OEM: 27-31402<br><br>For Early L4 & L6-Cyl. | <b>No. 31500</b><br>CARBURETOR<br>FLANGE GASKET<br>OEM: 27-48164-1<br><br>90, 115 HP, L6-Cyl.                 | <b>No. 31650</b><br>CARBURETOR<br>FLANGE GASKET<br>OEM: 27-63309<br><br>4.5, 7.5, 9.8 HP                | <b>No. 31690</b><br>CARBURETOR<br>MOUNTING GASKET<br>OEM: 27-67751-1<br><br>135-225 HP, V6 |
| <b>No. 30830</b><br>CARBURETOR TO<br>CHOKE PLATE GASKET<br>OEM: 27-71827<br><br>65 HP, 3-Cyl. | <b>No. 31810</b><br>CARBURETOR<br>FLANGE GASKET<br>OEM: 27-73377-1<br><br>50, 60 HP, 3-Cyl.  | <b>No. 31860</b><br>CARBURETOR<br>FLANGE GASKET<br>OEM: 27-75791-1<br><br>20, 25, 30, 40, 45 HP, 2 & 3-Cyl. | <b>No. 30960</b><br>CARBURETOR<br>PLATE GASKET<br>OEM: 27-76952<br><br>70, 75, 80, 85 HP, 3 & 4-Cyl. |                                                                                                                                                                               |
| <b>No. 32350</b><br>GASKET<br>OEM: 27-89221-1<br><br>135-225 HP, V6                           | <b>No. 32120</b><br>CARBURETOR<br>MOUNTING GASKET<br>OEM: 27-90430-1<br><br>135-200 HP, V6   | <b>No. 32960</b><br>FUEL PUMP<br>BASE GASKET<br>OEM: 27-98769-1<br><br>                                     | <b>No. 37150</b><br>CARBURETOR<br>FLANGE GASKET<br>OEM: 27-828925<br><br>75-95 HP, Force & Sport Jet |                                                                                                                                                                               |
| <b>No. 37380</b><br>CARBURETOR<br>ADAPTOR GASKET<br>OEM: 27-F433168<br><br>20-50 HP, Force    | <b>No. 37390</b><br>DEFLECTOR<br>PLATE GASKET<br>OEM: 27-F433406<br><br>20-50 HP, Force      | <b>No. 37400</b><br>CARBURETOR<br>FLANGE GASKET<br>OEM: 27-F440906<br><br>40-140 HP, Force                  | <b>No. 37420</b><br>CARBURETOR<br>INTAKE GASKET<br>OEM: 27-F481836<br><br>55-95 HP, Force            |                                                                                                                                                                               |

# Mercury / Mariner / Force

## CHECK VALVE KITS

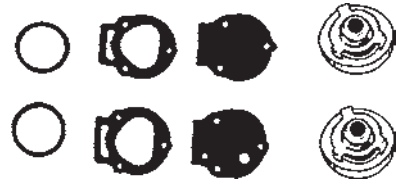
### No. 40170

OEM: 21-13424A1



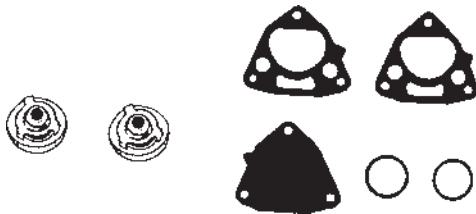
### No. 40180

OEM: 21-30430A1



### No. 40190

OEM: 21-30430A3



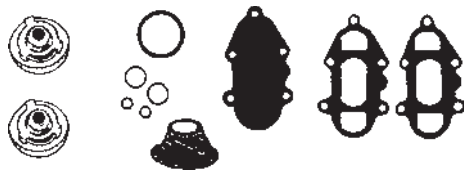
### No. 40200

OEM: 21-30430A4



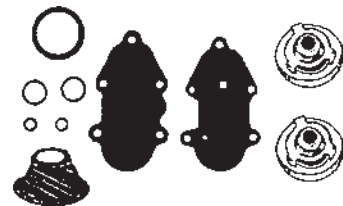
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OEM: 21-30430A7



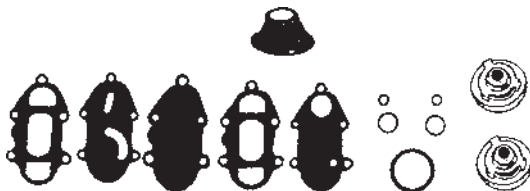
### No. 40220

OEM: 21-30430A8



### No. 40230

OEM: 21-30430A11



### No. 40240

OEM: 21-30430A12



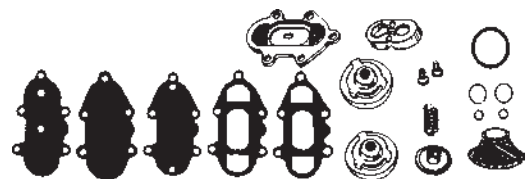
### No. 40250

OEM: 21-30430A13



### No. 40260

OEM: 21-30430A14



# Mercury / Mariner / Force

## FUEL PUMP DIAPHRAGM KITS

### No. 40860

OEM: 27-818043A1



For Force 5-15 HP

### No. 40870

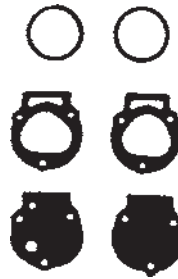
OEM: N/A



For Force & Sport Jet

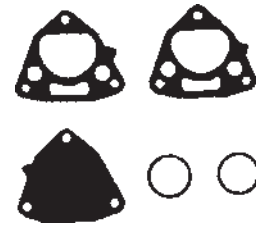
### No. 40310

OEM: 23014A1



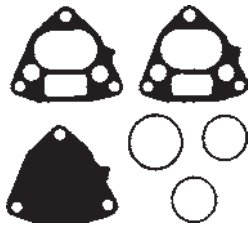
### No. 40320

OEM: 55278A1



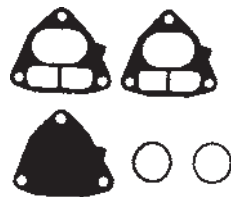
### No. 40330

OEM: 55278A5



### No. 40340

OEM: 55278A4



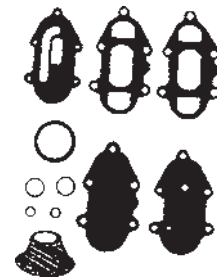
### No. 40350

OEM: 89031A1



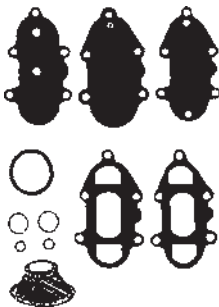
### No. 40360

OEM: 89031A2



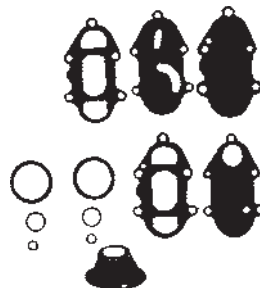
### No. 40370

OEM: 89031A3



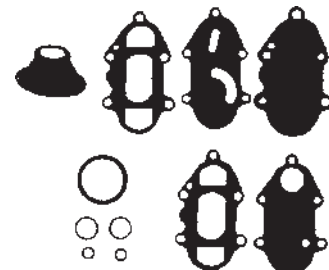
### No. 40380

OEM: 89031A4



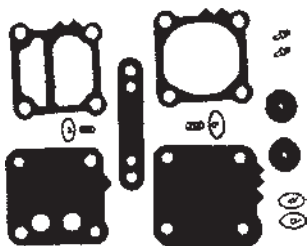
### No. 40390

OEM: 90363A1



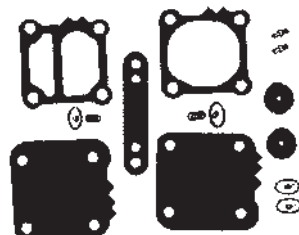
### No. 40280

OEM: 42909A4



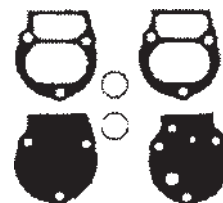
### No. 40290

OEM: 21-857005A1



### No. 40300

OEM: 56678A1



# Mercury / Mariner / Force

## FUEL SYSTEM COMPONENT AND KIT APPLICATIONS

| Model                  | Year    | Country | Serial No. Range and/or<br>(Carburetor No.)                                                                                                           | Diaphragm<br>Kit | Gasket<br>Kit | Inlet Needle<br>Assembly | Float | Check<br>Valve Kit |
|------------------------|---------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------|--------------------------|-------|--------------------|
| 3.9 (39)               | 1964-68 |         | 1655013-2498135 (KB-7A, KB-7B)                                                                                                                        | -                | 40435         | 40920                    | 77250 | -                  |
| 4 (40) (1-Cyl.)        | 1969-71 | USA     | 2498136-4107219 (KB-10A)                                                                                                                              | -                | 40435         | 40920                    | 77250 | -                  |
| 4 (1-Cyl.)             |         |         | (WMD-1)                                                                                                                                               | -                | 40435         | 40910                    | 77250 | -                  |
| 4.5 (1-Cyl.)           |         | USA     | (KB-10A)                                                                                                                                              | -                | 40435         | 40435                    | 40920 | -                  |
| 4.5 (1-Cyl.)           |         |         | (WMD-1)                                                                                                                                               | -                | 40435         | 40910                    | 77250 | -                  |
| 6                      |         |         | (KB-6A, 6B)                                                                                                                                           | -                | 40435         | 40920                    | 77250 | N/A                |
| 6                      |         |         | (AJ-57A)                                                                                                                                              | -                | N.L.A.        | 40920                    | 77250 | N/A                |
| 6                      |         |         | (WMC-5, 5A, 5B, 7, 7A, 17, 17B, 17C, 18, 18A, 18B, 19, 19A, 20, 20A, 20B)                                                                             | 40610            | 40610         | -                        | -     | N/A                |
| 6                      |         |         | (WMC-23, 28, 34, 39, 41, 41A, 47, 47A, 49, 49A, 57)                                                                                                   | 40610            | 40610         | -                        | -     | N/A                |
| 6                      | 1986-98 | USA     | 0A197112 & Up                                                                                                                                         | 40610            | -             | -                        | -     | N/A                |
| 6                      | 1986-98 | BEL     | 9461526 & Up                                                                                                                                          | 40610            | -             | -                        | -     | N/A                |
| 7.5 (7.5, 75)          |         |         | (BB-2A, 2B, 2C, 4A, 5A, 5B, 5C, 5D, 7A, 7C)                                                                                                           | 40660            | 40460         | 40970                    | -     | -                  |
| 7.5 (7.5, 75)          |         |         | (KB-9A, 12A)                                                                                                                                          | -                | 40435         | 40920                    | 77250 | -                  |
| 7.5                    |         |         | (WMB-2, 4)                                                                                                                                            | -                | -             | 40970                    | -     | -                  |
| 8                      |         |         | (WMC-5, 5A, 5B, 7, 7A, 17, 17B, 17C, 18, 18A, 18B, 19, 19A, 20, 20A, 20B)                                                                             | 40610            | 40610         | -                        | -     | -                  |
| 8                      |         |         | (WMC-23, 28, 34, 39, 41, 41A, 47, 47A, 49, 49A, 57)                                                                                                   | 40610            | 40610         | -                        | -     | -                  |
| 8                      | 1986-98 | USA     | 0A197112 & Up                                                                                                                                         | 40610            | -             | -                        | -     | -                  |
| 8                      | 1986-98 | BEL     | 9461526 & Up                                                                                                                                          | 40610            | -             | -                        | -     | -                  |
| 9.8 (9.8, 110)         |         |         | (BB-1A, 1B, 1C, 3A, 3B, 3C, 6A, 6C)                                                                                                                   | 40660            | 40460         | 40970                    | -     | -                  |
| 9.8 (9.8, 110)         |         |         | (KB-5A, 8A, 11A)                                                                                                                                      | N/A              | 40435         | 40920                    | 77250 | -                  |
| 9.8                    |         |         | (WMB-1, 3)                                                                                                                                            | N/A              | -             | 40970                    | -     | -                  |
| 9.9                    |         |         | (WMC-5, 5A, 5B, 7, 7A, 17, 17B, 17C, 18, 18A, 18B, 19, 19A, 20, 20A, 20B)                                                                             | 40610            | 40610         | -                        | -     | -                  |
| 9.9                    |         |         | (WMC-23, 28, 34, 49, 41, 41A, 47, 47A, 49, 49A, 57)                                                                                                   | 40610            | 40610         | -                        | -     | -                  |
| 9.9                    | 1986-98 | USA     | 0A197112 & Up                                                                                                                                         | 40610            | -             | -                        | -     | -                  |
| 9.9                    | 1986-98 | BEL     | 9461526 & Up                                                                                                                                          | 40610            | -             | -                        | -     | -                  |
| 10 (100)               |         |         | (AJ-56AB)                                                                                                                                             | N/A              | N.L.A.        | 40920                    | 77250 | -                  |
| 10 (100)               |         |         | (KB-1A, 4A)                                                                                                                                           | N/A              | 40435         | 40920                    | 77250 | -                  |
| 10 (Sea Pro, Marathon) |         |         | (WMC-33, 33A, 40, 42, 50, 50A, 50B, 55, 55A)                                                                                                          | 40610            | 40610         | -                        | -     | -                  |
| 10 (XR10, Magnum 10)   |         |         | (WMC-23, 48, 48A, 49, 49A)                                                                                                                            | 40610            | 40610         | -                        | -     | -                  |
| 15 (150)               |         |         | (KB-1A, 4A)                                                                                                                                           | N/A              | 40435         | 40920                    | 77250 | -                  |
| 15                     |         |         | (WMC-5, 5A, 5B, 7, 7A, 17, 17B, 17C, 18, 18A, 18B, 19, 19A, 20, 20A, 20B)                                                                             | 40610            | 40610         | -                        | -     | -                  |
| 15                     |         |         | (WMC-23, 28, 34, 39, 41, 41A, 47, 47A, 49, 49A, 57)                                                                                                   | 40610            | 40610         | -                        | -     | -                  |
| 15                     | 1988-98 | USA     | 0B292414 & Up                                                                                                                                         | 40610            | -             | -                        | -     | -                  |
| 15                     | 1988-98 | BEL     | 9542620 & Up                                                                                                                                          | 40610            | -             | -                        | -     | -                  |
| 15 (Super 15, 15XD)    |         |         | (WMC-13, 13A, 14, 14A, 15A, 16A, 24, 25, 26, 27, 29, 30, 31, 31A, 32, 32A, 35, 35A, 35B, 36, 37, 44, 45, 46, 46A, 52, 52A, 53, 53A, 54, 54A, 56, 56A) | 40610            | 40610         | -                        | -     | -                  |
| 15 (Sea Pro, Marathon) |         |         | (WMC-33, 33A, 40, 42, 50, 50A, 50B, 55, 55A)                                                                                                          | 40610            | 40610         | -                        | -     | -                  |
| 18                     |         |         | (WMC-1, 2, 3, 4, 9, 10, 11, 12)                                                                                                                       | 40610            | 40610         | -                        | -     | -                  |
| 18                     |         |         | (WMC-13, 13A, 14, 14A, 15A, 16A, 24, 25, 26, 27, 29, 30, 31, 31A, 32, 32A, 35, 35A, 35B, 36, 37, 44, 45, 46, 46A, 52, 52A, 53, 53A, 54, 54A, 56, 56A) | 40610            | 40610         | -                        | -     | -                  |
| 20 (200)               |         |         | (KA-22A, 22B, 22C, 23A, 25A)                                                                                                                          | N/A              | 40435         | 40920                    | 77250 | -                  |
| 20 (200)               | 1966-67 |         | 1866496-2296266                                                                                                                                       | 40310            | -             | -                        | -     | -                  |
| 20 (20, 200)           |         |         | (BA-1A, 2A, 2C, 2D, 2E)                                                                                                                               | 40660            | 40460         | -                        | -     | -                  |
| 20                     |         |         | (WMC-1, 2, 3, 4, 9, 10, 11, 12)                                                                                                                       | 40610            | 40610         | -                        | -     | -                  |
| 20                     |         |         | (WMC-13, 13A, 14, 14A, 15A, 16A, 24, 25, 26, 27, 29, 30, 31, 31A, 32, 32A, 35, 35A, 35B, 36, 37, 44, 45, 46, 46A, 52, 52A, 53, 53A, 54, 54A, 56, 56A) | 40610            | 40610         | -                        | -     | -                  |
| 20                     | 1986-87 | USA     | 6443973 & Up                                                                                                                                          | 40610            | -             | -                        | -     | -                  |
| 20                     | 1986-87 | BEL     | 9415101 & Up                                                                                                                                          | 40610            | -             | -                        | -     | -                  |
| 20                     | 1986-87 | CAN     | 7209533 & Up                                                                                                                                          | 40610            | -             | -                        | -     | -                  |
| 20 Jet                 | 1994-98 | USA     | 0G044027 and Up (WMC-45, 53A)                                                                                                                         | 40610            | 40610         | -                        | -     | -                  |
| 25 (2-Cyl.)            |         |         | (WMC-1, 2, 3, 4, 9, 10, 11, 12)                                                                                                                       | 40610            | 40610         | -                        | -     | -                  |
| 25 (2-Cyl.)            |         |         | (WMC-13, 13A, 14, 14A, 15A, 16A, 24, 25, 26, 27, 29, 30, 31, 31A, 32, 32A, 35, 35A, 35B, 36, 37, 44, 45, 46, 46A, 52, 52A, 53, 53A, 54, 54A, 56, 56A) | 40610            | 40610         | -                        | -     | -                  |
| 25                     | 1984-87 | USA     | 6443973 & Up                                                                                                                                          | 40610            | -             | -                        | -     | -                  |
| 25                     | 1984-87 | BEL     | 9415101 & Up                                                                                                                                          | 40610            | -             | -                        | -     | -                  |
| 25                     | 1984-87 | CAN     | 7209533 & Up                                                                                                                                          | 40610            | -             | -                        | -     | -                  |
| 30 (300) (4-Cyl.)      |         |         | (AJ-54A)                                                                                                                                              | N/A              | N.L.A.        | 40920                    | 77250 | -                  |
| 30 (300) (4-Cyl.)      |         |         | (KB-2A)                                                                                                                                               | N/A              | 40435         | 40920                    | 77250 | -                  |
| 20 (2-Cyl.) (644cc)    | 1994-98 |         | 0G053314 & Up (WME-36, 36A, 37, 39A, 42, 42A, 63, 64, 65, 66, 67)                                                                                     | 40290            | 40490         | 40950                    | 77260 | -                  |
| 30 Jet (4-Cyl.)        |         |         | (WMA-10, 13)                                                                                                                                          | N/A              | 40440         | 40950                    | -     | -                  |
| 30 Jet (3-Cyl.)        |         |         | (WME-53, 68, 69)                                                                                                                                      | N/A              | 40490         | 40950                    | 77260 | -                  |

# Mercury / Mariner / Force

## FUEL SYSTEM COMPONENT AND KIT APPLICATIONS CONT.

| Model                      | Year    | Country | Serial No. Range and/or<br>(Carburetor No.)                      | Diaphragm<br>Kit | Gasket<br>Kit | Inlet Needle<br>Assembly | Float | Check<br>Valve Kit |
|----------------------------|---------|---------|------------------------------------------------------------------|------------------|---------------|--------------------------|-------|--------------------|
| 30 Jet                     | 1994-97 |         | 0C159200 & Up                                                    | N/A              | 40290         | -                        | -     | -                  |
| 30 Jet                     | 1998    |         | G590000 & Up                                                     | N/A              | 40290         | -                        | -     | -                  |
| 35 (350)                   | 1966-69 |         | 1960827-2874703                                                  | 40310            | 40180         | -                        | -     | -                  |
| 35 (350) (4-Cyl.)          |         |         | (AJ-54A)                                                         | N/A              | N.L.A.        | 40920                    | 77250 | -                  |
| 35 (350) (4-Cyl.)          |         |         | (KB-2A)                                                          | N/A              | 40435         | 40920                    | 77250 | -                  |
| 35 (2-Cyl.)                |         |         | (KC-4A, 8A, 9A, 9B, 9C, 13A)                                     | N/A              | 40435         | 40910                    | 77250 | -                  |
| 35                         | 1984-86 | USA     | 6445653-0B110788                                                 | 40320            | -             | -                        | -     | 40170              |
| 35                         | 1984-86 | BEL     | 9384476 & Up                                                     | 40320            | -             | -                        | -     | 40170              |
| 35                         | 1984-86 | CAN     | 209608 & Up                                                      | 40320            | -             | -                        | -     | 40170              |
| 35                         | 1987-89 | USA     | 0B110789 & Up                                                    | 40290            | -             | -                        | -     | N/A                |
| 35                         | 1987-89 | BEL     | 9384476 & Up                                                     | 40290            | -             | -                        | -     | N/A                |
| 40 (400) (4-Cyl.)          |         |         | (KA-2A, 9A)                                                      | N/A              | 40435         | 40920                    | 77250 | -                  |
| 40 (40, 400, 402) (2-Cyl.) |         |         | (KD-5A)                                                          | N/A              | 40401         | 40920                    | 77250 | -                  |
| 40 (40, 400, 402) (2-Cyl.) |         |         | (WMK-1, 8, 21, 24, 31, 33, 34, 38)                               | N/A              | 40401         | 40910                    | 77250 | -                  |
| 40 (40, 400, 402) (2-Cyl.) | 1970-79 | USA     | 2874704-5556229                                                  | 40320            | -             | -                        | -     | -                  |
| 40 (40, 400, 402) (2-Cyl.) | 1972-79 | AUS     | 8002335-8064749                                                  | 40320            | -             | -                        | -     | -                  |
| 40 (40, 400, 402) (2-Cyl.) | 1972-79 | BEL     | 3339688-9251455                                                  | 40320            | -             | -                        | -     | -                  |
| 40 (40, 400, 402) (2-Cyl.) | 1972-79 | CAN     | 3340783-7144762                                                  | 40320            | -             | -                        | -     | -                  |
| 40 (2-Cyl.) (644cc)        |         |         | (WME-36, 36A, 37, 37A, 38<br>39A, 42, 42A, 63, 64, 65, 66, 67)   | N/A              | 40490         | 40950                    | 77260 | -                  |
| 40 (2-Cyl.) (644cc)        | 1994-98 | USA     | 0G053314 and Up                                                  | 40290            | -             | -                        | -     | N/A                |
| 40 (3-Cyl.)                |         |         | (WME-53, 68, 69)                                                 | N/A              | 40490         | 40950                    | 77260 | -                  |
| 40 (3-Cyl.)                | 1997-98 | USA     | 0G531301 & Up                                                    | 40290            | -             | -                        | -     | N/A                |
| 40 (3-Cyl.)                | 1997-98 | BEL     | 9973100 & Up                                                     | 40290            | -             | -                        | -     | N/A                |
| 40 (4-Cyl.)                |         |         | (WMA-4)                                                          | 40640            | 40640         | 40970                    | -     | -                  |
| 40 (4-Cyl.)                |         |         | (WMA-7B)                                                         | N/A              | 40440         | 40950                    | -     | -                  |
| 40 (4-Cyl.)                |         |         | (WMA-9, 10, 13)                                                  | N/A              | 40440         | 40950                    | -     | -                  |
| 40 (4-Stroke)              | 1998    | USA     | 0G231123 & Up                                                    | N/A              | N.L.A.        | 40960                    | -     | -                  |
| 45 (450) (4-Cyl.)          |         |         | KA-17A                                                           | N/A              | 40435         | 40920                    | 77250 | -                  |
| 45 (4-Cyl.)                |         |         | (WMA-4)                                                          | 40640            | 40640         | 40970                    | -     | -                  |
| 45 (4-Cyl.)                |         |         | (WMA-7B)                                                         | N/A              | 40440         | 40950                    | -     | -                  |
| 45 (4-Cyl.)                |         |         | (WMA-9, 10, 13)                                                  | N/A              | 40440         | 40950                    | -     | -                  |
| 45 (4-Cyl.)                | 1987-89 | USA     | 0B110789 & Up                                                    | 40290            | -             | -                        | -     | N/A                |
| 45 (4-Cyl.)                | 1987-89 | BEL     | 9466692 & Up                                                     | 40290            | -             | -                        | -     | N/A                |
| 45 (4-Stroke, Bodensee)    | 1996-98 | USA     | 0G231123 & Up                                                    | N/A              | N.L.A.        | 40960                    | -     | -                  |
| 45 Jet (3-Cyl.)            |         |         | (WME-57, 78)                                                     | N/A              | 40490         | 40950                    | 77260 | -                  |
| 45 Jet                     | 1994-95 | USA     | 6428681-0B122929                                                 | 40320            | -             | -                        | -     | N/A                |
| 45 Jet                     | 1994-95 | USA     | 0B122930 & Up                                                    | 40290            | -             | -                        | -     | N/A                |
| 50 (50, 500) (4-Cyl.)      | 1967-75 | USA     | 2116318-4357639                                                  | 40310            | -             | -                        | -     | -                  |
| 50 (50, 500) (4-Cyl.)      | 1971-75 | AUS     | 2863739-8030089                                                  | 40310            | -             | -                        | -     | -                  |
| 50 (50, 500) (4-Cyl.)      | 1971-75 | BEL     | 9001581-9107213                                                  | 40310            | -             | -                        | -     | -                  |
| 50 (50, 500) (4-Cyl.)      | 1967-75 | CAN     | 2097445-7068997                                                  | 40310            | -             | -                        | -     | -                  |
| 50 (4-Cyl.)                |         |         | (KA-13A, 18A, 19A, 21A, 21B,<br>21C, 21D, 24A, 26A, 26B, 27A)    | N/A              | 40435         | 40920                    | 77250 | -                  |
| 50 (4-Cyl.)                |         |         | (BA-3A, 3B, 3C, 3D, 4A)                                          | 40660            | 40460         | 40970                    | -     | -                  |
| 50 (4-Cyl.)                |         |         | (WMA-1, 3)                                                       | 40640            | 40640         | 40970                    | -     | -                  |
| 50 (4-Cyl.)                |         |         | (WMK-8)                                                          | N/A              | 40401         | 40910                    | 77250 | -                  |
| 50 (3-Cyl.)                |         |         | (WM-13, 13A, 15, 15A, 16, 16A, 18)                               | N/A              | 40410         | 40930                    | -     | -                  |
| 50 (3-Cyl.)                |         |         | (WME-22, 22B, 23, 24, 26, 27, 28,<br>35, 43, 44, 45, 53, 68, 69) | N/A              | 40490         | 40950                    | 77260 | -                  |
| 50 (3-Cyl.)                | 1986-87 | USA     | 6428681-0B122929                                                 | 40320            | -             | -                        | -     | N/A                |
| 50 (3-Cyl.)                | 1986-87 | BEL     | 9385911-9469199                                                  | 40320            | -             | -                        | -     | N/A                |
| 50 (3-Cyl.)                | 1986-87 | CAN     | 7208333-0A721307                                                 | 40320            | -             | -                        | -     | N/A                |
| 50 (3-Cyl.)                | 1988-90 | USA     | 0B122930 & Up                                                    | 40290            | -             | -                        | -     | N/A                |
| 50 (3-Cyl.)                | 1988-90 | BEL     | 9469200 & Up                                                     | 40290            | -             | -                        | -     | N/A                |
| 50 (3-Cyl.)                | 1988-90 | CAN     | 0A721308 & Up                                                    | 40290            | -             | -                        | -     | N/A                |
| 50 (3-Cyl.)                | 1998    | USA     | 0G590000 & Up                                                    | 40290            | -             | -                        | -     | N/A                |
| 50 (3-Cyl.)                | 1998    | BEL     | 9973100 & Up                                                     | 40290            | -             | -                        | -     | N/A                |
| 50 (4-Stroke)              | 1995-98 | USA     | 0G231123 & Up                                                    | N/A              | N.L.A.        | 40960                    | -     | -                  |
| 55                         |         |         | (WM-13, 13A, 15, 15A, 16, 16A, 18)                               | N/A              | 40410         | 40930                    | -     | -                  |
| 55                         |         |         | (WME-22, 22B, 23, 24, 26, 27, 28<br>35, 43, 44, 45, 57, 58)      | N/A              | 40490         | 40950                    | 77260 | -                  |
| 55 (3-Cyl.)                | 1996-97 | USA     | 0D000750 & Up                                                    | 40290            | -             | -                        | -     | N/A                |
| 55 (3-Cyl.)                | 1996-97 | BEL     | 9741042 & Up                                                     | 40290            | -             | -                        | -     | N/A                |
| 60 (600) (6-Cyl.)          |         |         | (KB-3A)                                                          | N/A              | 40435         | 40920                    | 77250 | -                  |
| 60 (3-Cyl.)                |         |         | (WM-13, 13A, 15, 15A, 16, 16A, 18)                               | N/A              | 40410         | 40930                    | -     | -                  |
| 60 (3-Cyl.)                |         |         | (WME-22, 22B, 23, 24, 26, 27,<br>28, 35, 43, 44, 45, 57, 58)     | N/A              | 40490         | 40950                    | 77260 | -                  |
| 60 (3-Cyl.)                | 1984-87 | USA     | 6428681-0B122929                                                 | 40320            | -             | -                        | -     | N/A                |
| 60 (3-Cyl.)                | 1984-87 | BEL     | 9385911-9469199                                                  | 40320            | -             | -                        | -     | N/A                |
| 60 (3-Cyl.)                | 1984-87 | CAN     | 7208333-0A721307                                                 | 40320            | -             | -                        | -     | N/A                |
| 60 (3-Cyl.)                | 1988-90 | USA     | 0B122930 & Up                                                    | 40290            | -             | -                        | -     | N/A                |
| 60 (3-Cyl.)                | 1988-90 | BEL     | 9469200 & Up                                                     | 40290            | -             | -                        | -     | N/A                |
| 60 (3-Cyl.)                | 1988-90 | CAN     | 0A721308 & Up                                                    | 40290            | -             | -                        | -     | N/A                |
| 65 (650) (4-Cyl.)          |         |         | (KC-2A, 5A, 5B, 5C, 11A, 15A)                                    | N/A              | 40435         | 40920                    | 77250 | -                  |
| 65 (650) (4-Cyl.)          | 1967-69 |         | 2119749-2803561                                                  | 40310            | -             | -                        | -     | 40180              |
| 65 (650) (4-Cyl.)          | 1970-71 |         | 2803562-3293183                                                  | 40300            | -             | -                        | -     | 40200              |
| 65 (650) (3-Cyl.)          |         |         | (WMK-5, 12, 13, 20)                                              | N/A              | 40401         | 40910                    | 77250 | -                  |

# Mercury / Mariner / Force

## FUEL SYSTEM COMPONENT AND KIT APPLICATIONS CONT.

| Model                              | Year    | Country | Serial No. Range and/or<br>(Carburetor No.)                                                                                                                     | Diaphragm<br>Kit | Gasket<br>Kit | Inlet Needle<br>Assembly | Float | Check<br>Valve Kit |
|------------------------------------|---------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------|--------------------------|-------|--------------------|
| 65 (650) (3-Cyl.)                  |         |         | (WM-2)                                                                                                                                                          | N/A              | 40410         | 40910                    | 77250 | -                  |
| 65 (650) (3-Cyl.)                  |         |         | (WM-4)                                                                                                                                                          | N/A              | 40410         | 40910                    | 77250 | -                  |
| 65 (650) (3-Cyl.)                  | 1972-76 | USA     | 3293184-4571651                                                                                                                                                 | 40300            | -             | -                        | -     | 40190              |
| 65 (650) (3-Cyl.)                  | 1973-83 | AUS     | 8006640 & Up                                                                                                                                                    | 40300            | -             | -                        | -     | 40190              |
| 65 (650) (3-Cyl.)                  | 1973-76 | BEL     | 9020074-9135824                                                                                                                                                 | 40300            | -             | -                        | -     | 40190              |
| 65 (650) (3-Cyl.)                  | 1973-76 | CAN     | 7013633-7087822                                                                                                                                                 | 40300            | -             | -                        | -     | 40190              |
| 65 Jet (3-Cyl.)                    |         |         | (WME-29, 30, 41, 46, 47, 48, 49, 59, 60, 61, 62, 75, 76, 77, 78, 82, 83, 84, 87, 88)                                                                            | N/A              | 40490         | 40950                    | 77260 | -                  |
| 65 Jet                             | 1994-98 | USA     | 00283222 & Up                                                                                                                                                   | 40290            | -             | -                        | -     | N/A                |
| 70 (700) (6-Cyl.)                  |         |         | (KA-8A, 12A)                                                                                                                                                    | N/A              | 40435         | 40920                    | 77250 | N/A                |
| 70 (3-Cyl.)                        |         |         | (WM-6, 8, 9, 11)                                                                                                                                                | N/A              | 40410         | 40910                    | -     | -                  |
| 70 (3-Cyl.)                        |         |         | (WME-1, 1A, 1B, 4, 5, 6, 6A, 7, 7B, 8, 9, 10, 10A, 15, 15A, 17, 18, 19, 25)                                                                                     | N/A              | 40490         | 40950                    | 77260 | -                  |
| 70 (3-Cyl.)                        | 1977-83 | USA     | 4571652-6428680                                                                                                                                                 | 40340            | -             | -                        | -     | 40170              |
| 70 (3-Cyl.)                        | 1977-83 | AUS     | 8042350 & Up                                                                                                                                                    | 40340            | -             | -                        | -     | 40170              |
| 70 (3-Cyl.)                        | 1977-83 | BEL     | 9135825-9385910                                                                                                                                                 | 40340            | -             | -                        | -     | 40170              |
| 70 (3-Cyl.)                        | 1977-83 | CAN     | 7087823-7208332                                                                                                                                                 | 40340            | -             | -                        | -     | 40170              |
| 70 (3-Cyl.)                        | 1987    | USA     | 0A996142 & Up                                                                                                                                                   | 40280            | -             | -                        | -     | N/A                |
| 70 (3-Cyl.)                        | 1987    | BEL     | 9483121 & Up                                                                                                                                                    | 40280            | -             | -                        | -     | N/A                |
| 75 (4-Cyl.)                        |         |         | (WM-14, 17)                                                                                                                                                     | N/A              | 40410         | 40930                    | -     | -                  |
| 75 (4-Cyl.) use w/ triangular pump | 1984-88 | USA     | 6432901 & Up                                                                                                                                                    | 40330            | -             | -                        | -     | 40250              |
| 75 (4-Cyl.) use w/ triangular pump | 1984-88 | BEL     | 9393856 & Up                                                                                                                                                    | 40330            | -             | -                        | -     | 40250              |
| 75 (4-Cyl.) use w/ triangular pump | 1984-88 | CAN     | 7208573 & Up                                                                                                                                                    | 40300            | -             | -                        | -     | 40250              |
| 75 (4-Cyl.) use w/ square pump     | 1984-88 | USA     | 6432901 & Up                                                                                                                                                    | 40290            | -             | -                        | -     | N/A                |
| 75 (4-Cyl.) use w/ square pump     | 1984-88 | BEL     | 9393856 & Up                                                                                                                                                    | 40290            | -             | -                        | -     | N/A                |
| 75 (4-Cyl.) use w/ square pump     | 1984-88 | CAN     | 7208573 & Up                                                                                                                                                    | 40290            | -             | -                        | -     | N/A                |
| 75 (3-Cyl.)                        |         |         | (WME-1, 1A, 1B, 4, 5, 6, 6A, 7, 7B, 8, 9, 10, 10A, 15, 15A, 17, 18, 19, 25, 29, 30, 31, 41, 46, 47, 48, 49, 59, 60, 61, 62, 75, 76, 77, 78, 82, 83, 84, 87, 88) | N/A              | 40490         | 40950                    | 77260 | -                  |
| 75 (3-Cyl.)                        | 1990-98 | USA     | 0C222000 & Up                                                                                                                                                   | 40280            | -             | -                        | -     | N/A                |
| 75 (3-Cyl.)                        | 1990-98 | BEL     | 9589039 & Up                                                                                                                                                    | 40280            | -             | -                        | -     | N/A                |
| 75 (3-Cyl.)                        | 1990-98 | USA     | 0C222000 & Up                                                                                                                                                   | 40290            | -             | -                        | -     | N/A                |
| 75 (3-Cyl.)                        | 1990-98 | BEL     | 9589039 & Up                                                                                                                                                    | 40290            | -             | -                        | -     | N/A                |
| 80 (800) (6-Cyl.)                  |         |         | KA-10A, 11A, 14A, 16A, KC-3A                                                                                                                                    | N/A              | 40435         | 40920                    | 77250 | -                  |
| 80 (800) (4-Cyl.)                  | 1969-72 |         | 2559001-2670574                                                                                                                                                 | 40310            | -             | -                        | -     | 40180              |
| 80 (800) (4-Cyl.)                  | 1969-72 |         | 2783253-2856331                                                                                                                                                 | 40300            | -             | -                        | -     | 40190              |
| 80 (80, 800) (4-Cyl.)              |         |         | (KD-4A)                                                                                                                                                         | N/A              | 40401         | 40910                    | 77250 | -                  |
| 80 (80, 800) (4-Cyl.)              |         |         | (WM-5, 10, 12, 14, 17)                                                                                                                                          | N/A              | 40410         | 40910                    | -     | -                  |
| 80 (80, 800) (4-Cyl.)              | 1978-83 | USA     | 4831999-6432900                                                                                                                                                 | 40330            | -             | -                        | -     | 40250              |
| 80 (80, 800) (4-Cyl.)              | 1978-83 | AUS     | 8050200 & Up                                                                                                                                                    | 40330            | -             | -                        | -     | 40250              |
| 80 (80, 800) (4-Cyl.)              | 1978-83 | BEL     | 9177626-9393855                                                                                                                                                 | 40330            | -             | -                        | -     | 40250              |
| 80 (80, 800) (4-Cyl.)              | 1978-83 | CAN     | 7110998-7208572                                                                                                                                                 | 40330            | -             | -                        | -     | 40250              |
| 80 (3-Cyl.)                        |         |         | (WME-1, 1A, 1B, 4, 5, 6, 6A, 7, 7B, 8, 9, 10, 10A, 15, 15A, 17, 18, 19, 25)                                                                                     | N/A              | 40490         | 40950                    | 77260 | -                  |
| 80 (3-Cyl.)                        | 1987    | USA     | 0A996142 & Up                                                                                                                                                   | 40280            | -             | -                        | -     | N/A                |
| 80 (3-Cyl.)                        | 1987    | BEL     | 9483121 & Up                                                                                                                                                    | 40280            | -             | -                        | -     | N/A                |
| 80 Jet (4-Cyl.)                    | 1994-98 |         | (WME-32, 32A, 50, 79)                                                                                                                                           | N/A              | 40490         | 40950                    | 77260 | -                  |
| 80 Jet                             | 1994-98 |         | 0D283222 & Up                                                                                                                                                   | 40290            | -             | -                        | -     | N/A                |
| 85 (850) (6-Cyl.)                  |         |         | (KA-10A, 11A, 14A, 16A, KC-3A)                                                                                                                                  | N/A              | 40435         | 40920                    | 77250 | -                  |
| 85 (850) (4-Cyl.)                  |         |         | (WM-3, 5)                                                                                                                                                       | N/A              | 40410         | 40910                    | -     | -                  |
| 85 (850) (4-Cyl.)                  |         |         | (WMK-4, 16, 17)                                                                                                                                                 | N/A              | 40401         | 40910                    | 77250 | -                  |
| 85 (850) (4-Cyl.)                  | 1973-77 | USA     | 3493913-4831998                                                                                                                                                 | 40330            | -             | -                        | -     | 40250              |
| 85 (850) (4-Cyl.)                  | 1973-77 | AUS     | 8005440-8050199                                                                                                                                                 | 40330            | -             | -                        | -     | 40250              |
| 85 (850) (4-Cyl.)                  | 1973-77 | BEL     | 9011604-9177625                                                                                                                                                 | 40330            | -             | -                        | -     | 40250              |
| 85 (850) (4-Cyl.)                  | 1973-77 | CAN     | 7010108-7110997                                                                                                                                                 | 40330            | -             | -                        | -     | 40250              |
| 90 (900) (6-Cyl.)                  |         |         | (KC-6A)                                                                                                                                                         | N/A              | 40435         | 40920                    | 77250 | -                  |
| 90 (90, 900) (6-Cyl.)              |         |         | (WMK-23, 27, 30, 35, 39)                                                                                                                                        | N/A              | 40401         | 40910                    | 77250 | -                  |
| 90 (90, 900) (6-Cyl.)              | 1978-79 | USA     | 4845301-5299505                                                                                                                                                 | 40350            | -             | -                        | -     | 40210              |
| 90 (90, 900) (6-Cyl.)              | 1978-79 | CAN     | 7111698-7123762                                                                                                                                                 | 40350            | -             | -                        | -     | 40210              |
| 90 (6-Cyl.) use w/ triangular pump | 1979-86 | USA     | 5299506 & Up                                                                                                                                                    | 40370            | -             | -                        | -     | 40260              |
| 90 (6-Cyl.) use w/ triangular pump | 1979-83 | AUS     | 8060545 & Up                                                                                                                                                    | 40370            | -             | -                        | -     | 40260              |
| 90 (6-Cyl.) use w/ triangular pump | 1979-86 | CAN     | 7147088 & Up                                                                                                                                                    | 40370            | -             | -                        | -     | 40260              |
| 90 (6-Cyl.) use w/ square pump     | 1979-86 | USA     | 5299506 & Up                                                                                                                                                    | 40290            | -             | -                        | -     | N/A                |
| 90 (6-Cyl.) use w/ square pump     | 1979-83 | AUS     | 8060545 & Up                                                                                                                                                    | 40290            | -             | -                        | -     | N/A                |
| 90 (6-Cyl.) use w/ square pump     | 1979-86 | CAN     | 7147088 & Up                                                                                                                                                    | 40290            | -             | -                        | -     | N/A                |
| 90 (3-Cyl.)                        |         |         | (WME-1, 1A, 1B, 4, 5, 6, 6A, 7, 7B, 8, 9, 10, 10A, 15, 15A, 17, 18, 19, 25, 29, 30, 31, 41, 46, 47, 48, 49, 59, 60, 61, 62, 75, 76, 77, 78, 82, 83, 84, 87, 88) | N/A              | 40490         | 40950                    | 77260 | -                  |
| 90 (3-Cyl.)                        | 1987    | USA     | 0A996142 & Up                                                                                                                                                   | 40290            | -             | -                        | -     | N/A                |
| 90 (3-Cyl.)                        | 1987    | BEL     | 9483121 & Up                                                                                                                                                    | 40290            | -             | -                        | -     | N/A                |
| 90 (3-Cyl.)                        | 1987    | USA     | 0A996142 & Up                                                                                                                                                   | 40280            | -             | -                        | -     | N/A                |
| 90 (3-Cyl.)                        | 1987    | BEL     | 9483121 & Up                                                                                                                                                    | 40280            | -             | -                        | -     | N/A                |
| 95 (950) (6-Cyl.)                  |         |         | (KC-6A)                                                                                                                                                         | N/A              | 40435         | 40920                    | 77250 | -                  |
| 95 (950) (6-Cyl.)                  | 1966-67 |         | 1869776-2318585                                                                                                                                                 | 40310            | -             | -                        | -     | 40180              |
| 100 (1000) (6-Cyl.)                |         |         | (KC-1A, 7A, 7B, 10A, 14A)                                                                                                                                       | N/A              | 40435         | 40920                    | 77250 | -                  |
| 100 (1000) (6-Cyl.)                |         |         | (KD-1A, 1B, 2A, 3A)                                                                                                                                             | N/A              | 40401         | 40910                    | 77250 | -                  |







## Section 13

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### Mercury / Mariner / Force Powerhead Gaskets

|                                                                      |                |
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# Mercury / Mariner / Force

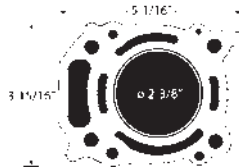
## HEAD GASKETS - 1, 2, 3 & L4-CYLINDER



**No. 36330**  
OEM: 27-803508



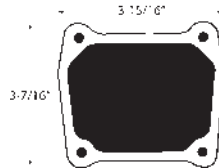
Fits 4, 5, 6 HP  
1-Cyl. (4-Stroke)



**No. 36340**  
OEM: 27-803508-2



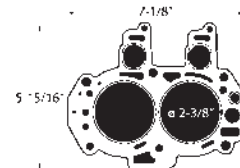
Fits Late 4, 5, 6 HP  
1-Cyl. (4-Stroke)



**No. 36350**  
OEM: 27-825482-1



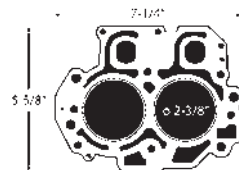
Fits 8 (232cc), 9.9 HP  
2-Cyl. (4-Stroke)



**No. 36360**  
OEM: 27-8M0052705



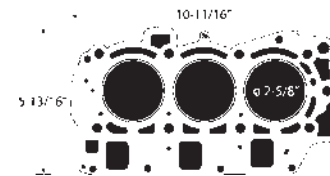
Fits 8 (323cc), 9.9 (323cc),  
13.5, 15 HP, 2-Cyl. (4-Stroke)



**No. 36370**  
OEM: 27-834777



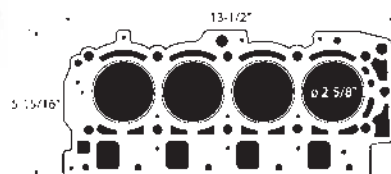
Fits 30, 30EFI, 40, 40EFI HP  
3-Cyl. (4-Stroke)



**No. 36380**  
OEM: 27-857081



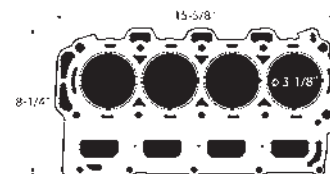
Fits 40, 40EFI, 50, 50EFI  
60, 60 EFI HP, L4-Cyl. (4-Stroke)



**No. 36390**  
OEM: 27-804115-1



Fits 75, 90, 115EFI HP  
L4-Cyl. (4-Stroke)

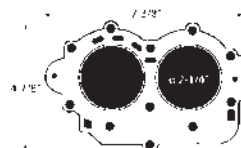


### Early Mariner 2-Cylinder Head Gaskets



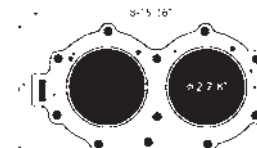
**No. 33890**  
OEM: 27-18937

Fits 9.9c, 15c, K, W15 HP



**No. 33880**  
OEM: 27-19138

Fits 30A, W30 (w/ Marathon) HP



# Mercury / Mariner / Force

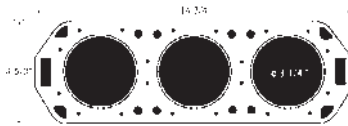
## HEAD GASKETS - 60° V6 - MERCURY & MARINER



### No. 35880

OEM: 27-96542-1, 27-96281T01

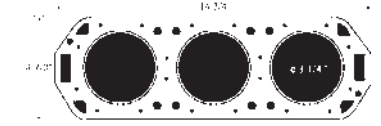
Fits (1976-1990) V6 2.0L Loopcharged Engines with a  $\varnothing$  3.125" Piston use with Rod No. 636-8118



### No. 35850

OEM: 27-18785T

Fits (1992-2000) V6 2.0L Loopcharged Engines with a  $\varnothing$  3.125" Piston use with Rod No. 644-818141



### No. 35920

OEM: 27-852520-3

Fits (1998) V6 2.5L Loopcharged Engines with a  $\varnothing$  3.500" Piston



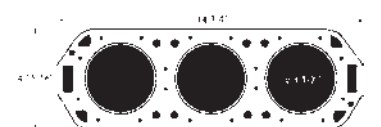
**DISCONTINUED**



### No. 35870

OEM: 27-822844T04

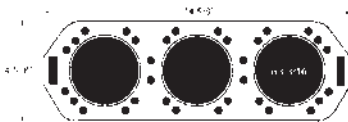
Fits (1978-2000) V6 2.5L Loopcharged Engines with a  $\varnothing$  3.501" Piston



### No. 35910

OEM: 27-79583-1

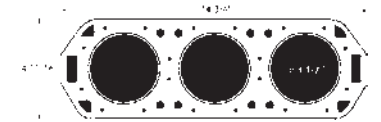
Fits (1976-1998) V6 2.0L Loopcharged Engines with a  $\varnothing$  3.125" Piston



### No. 35860

OEM: 27-41246-1

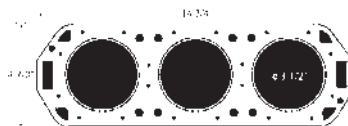
Fits (1978-1998) V6 2.4L Loopcharged Engines with a  $\varnothing$  3.375" Piston



### No. 35890

OEM: 27-18786T

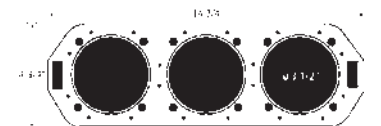
Fits (1978-1998) V6 2.4L Loopcharged Engines with a  $\varnothing$  3.375" Piston for XR4, Magnum II, 175 Model



### No. 35900

OEM: 27-41245-1

Fits (1978-1998) V6 2.4L Loopcharged Engines with a  $\varnothing$  3.375" Piston for 200, 2000 Model



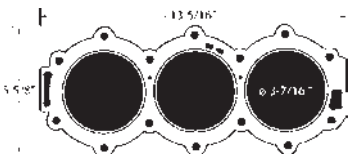
## HEAD GASKETS - FORCE



### No. 36290

OEM: 27-820438

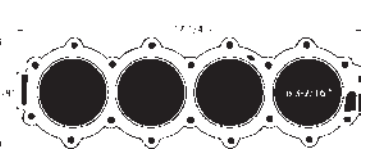
Fits (1991-1995) 70, 75, 90 HP, 3-Cyl.



### No. 36300

OEM: 27-824615-2

Fits (1996-2000) 120, 120XR, 120XR2, L4-Cyl.

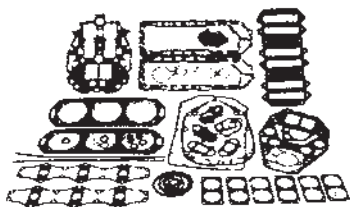


# Mercury / Mariner / Force

## POWERHEAD GASKET KITS - MERCURY & MARINER

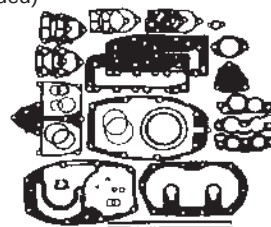
### No. 39560

OEM: 27-77671A81, 27-89221A80  
(Head Gasket not included)



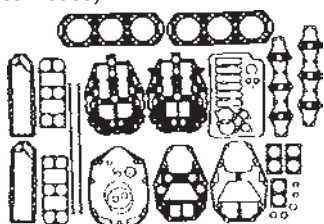
### No. 39330

OEM: 27-78028A78  
(Head Gasket not included)



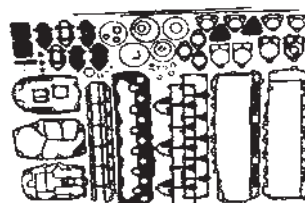
### No. 39340

OEM: 27-79583A81  
(Head Gasket not included)



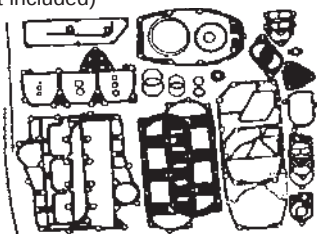
### No. 39550

OEM: 27-85653A87  
(Head Gasket not included)



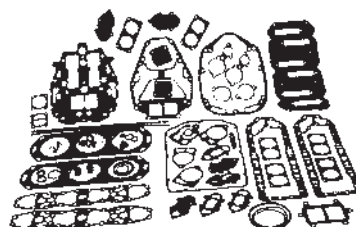
### No. 39240

OEM: 27-88449A32  
(Head Gasket not included)



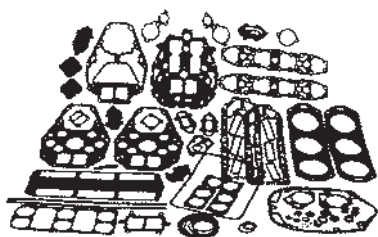
### No. 39250

OEM: 27-89221A88



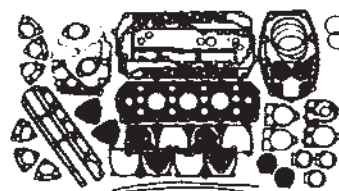
### No. 39450

OEM: 27-11338A88



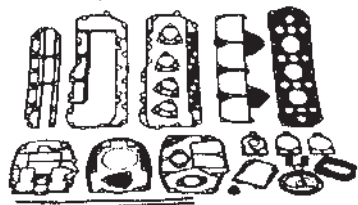
### No. 39140

OEM: 27-52893A72  
(Head Gasket not included)



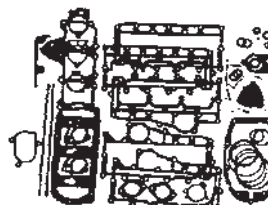
### No. 39150

OEM: 27-64203A75  
(Head Gasket not included)



### No. 39180

OEM: 27-69524A75  
(Head Gasket not included)



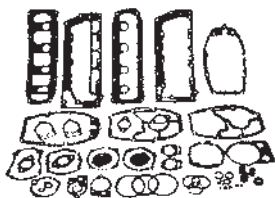
# Mercury / Mariner / Force

## POWERHEAD GASKET KITS - MERCURY & MARINER

### No. 39190

OEM: 27-72486A32

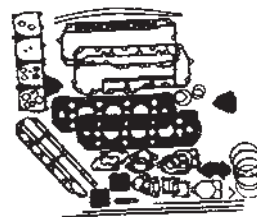
(Head Gasket not included)



### No. 39210

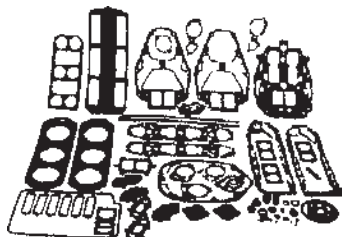
OEM: 27-73645A87

(Head Gasket not included)



### No. 39440

OEM: 27-90484A88



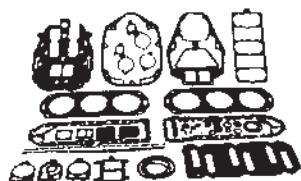
### No. 39331

OEM: 27-13461A99



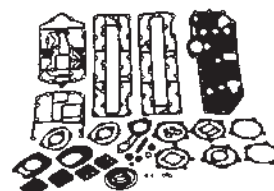
### No. 39332

OEM: 27-14697A87



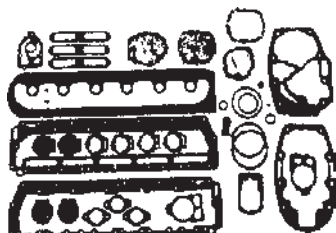
### No. 39333

OEM: 27-43004A99



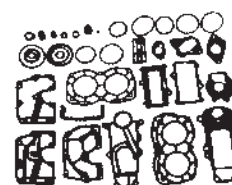
### No. 39334

OEM: 27-37741A3



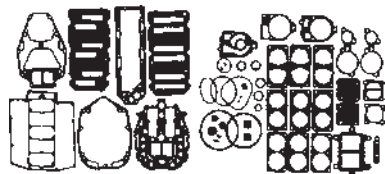
### No. 39335

OEM: 27-41499A87



### No. 39520

OEM: 27-815791A92



### No. 39900

OEM: 27-42364A92

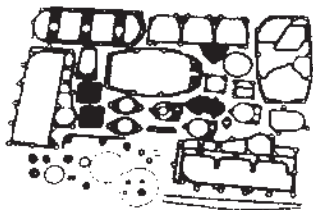


# Mercury / Mariner / Force

## POWERHEAD GASKET KITS - MERCURY & MARINER

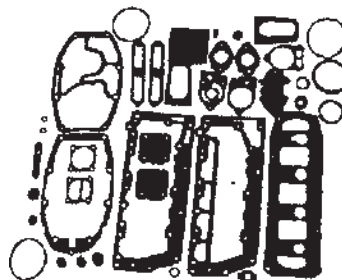
### No. 39336

OEM: 27-43779A87



### No. 39337

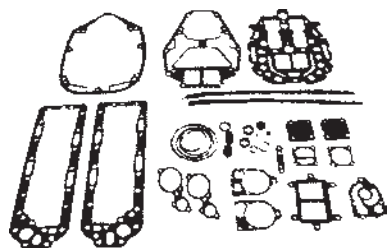
OEM: 27-85491A90



### No. 39338

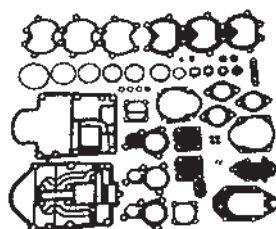
OEM: 27-8M0046714

(Head Gasket not included)



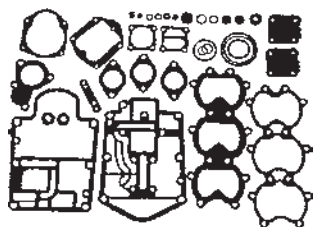
### No. 39339

OEM: 27-812867A97



### No. 39341

OEM: 27-828553A97



### No. 39342

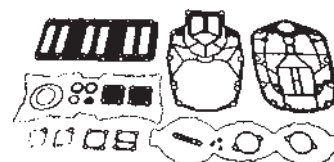
OEM: 27-814195A93



### No. 39343

OEM: 27-832934A00

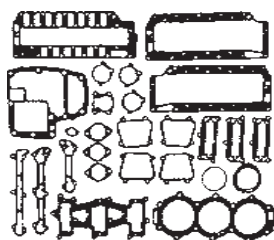
(Cylinder Head O-ring not included)



## POWERHEAD GASKET KITS - FORCE

### No. 37000

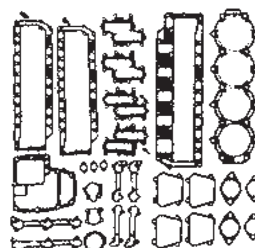
OEM: 27-809753A1



For 3-Cylinder

### No. 37010

OEM: 27-809754A1



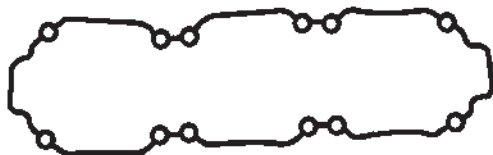
For 4-Cylinder

# Mercury / Mariner / Force

## CYLINDER HEAD SEALS

**No. 81554**

OEM: 858452-1



For V6 2.5L (1998-Up)

**No. 81555**

OEM: 818574

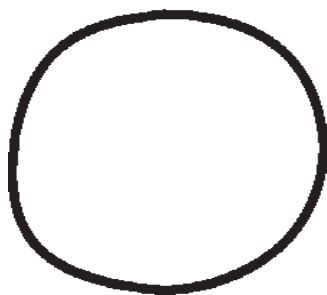


For V6 3.0L (1998-Up)

## CYLINDER HEAD O-RINGS

**No. 81551**

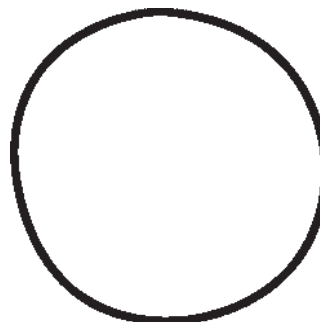
OEM: 25-818573



For Early 3.0L

**No. 81552**

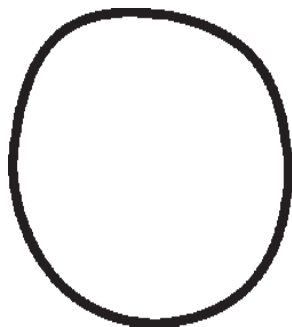
OEM: 878453



For Late 3.0L

**No. 81553**

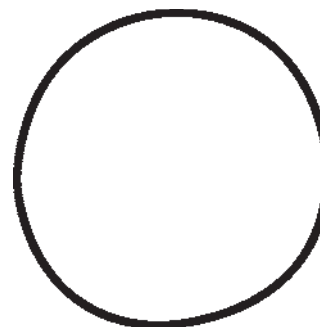
OEM: 859772-1



For V6 2.5L

**No. 81560**

OEM: 25-88923



For 3.4L

# Mercury / Mariner / Force

## HEAD GASKETS AND GASKET KIT APPLICATIONS

| Model                        | Year      | Country | Serial No. Range  | Gasket Kit | Head O-Rings | Head Gaskets | Head Seals |
|------------------------------|-----------|---------|-------------------|------------|--------------|--------------|------------|
| 4 (4-Stroke)                 | 1999 & Up | JPN     | 0R000001-0R057259 | -          | N/A          | 36330        | N/A        |
| 4 (4-Stroke)                 | 1999 & Up | JPN     | 0R057260-0R067089 | -          | N/A          | 36330        | N/A        |
| 4 (4-Stroke)                 | 1999 & Up | JPN     | 0R067090 and Up   | -          | N/A          | 36330        | N/A        |
| 5 (4-Stroke)                 | 1999 & Up | JPN     | 0R000001-0R057259 | -          | N/A          | 36330        | N/A        |
| 5 (4-Stroke)                 | 1999 & Up | JPN     | 0R057260-0R067089 | -          | N/A          | 36330        | N/A        |
| 5 (4-Stroke)                 | 1999 & Up | JPN     | 0R067090 and Up   | -          | N/A          | 36330        | N/A        |
| 6                            | 1986-93   | USA     | 0A197112-0T800749 | 39900      | N/A          | N/A          | N/A        |
| 6                            | 1986-93   | BEL     | 9461526 and Up    | 39900      | N/A          | N/A          | N/A        |
| 6 (4-Stroke)                 | 1999 & Up | JPN     | 0R000001-0R057259 | -          | N/A          | 36330        | N/A        |
| 6 (4-Stroke)                 | 1999 & Up | JPN     | 0R057260-0R067089 | -          | N/A          | 36330        | N/A        |
| 6 (4-Stroke)                 | 1999 & Up | JPN     | 0R067090 and Up   | -          | N/A          | 36340        | N/A        |
| 8                            | 1986-93   | USA     | 0A197112 and Up   | 39900      | N/A          | N/A          | N/A        |
| 8                            | 1986-93   | BEL     | 9461526 and Up    | 39900      | N/A          | N/A          | N/A        |
| 8 (4-Stroke) (232cc)         | 1995-98   | USA     | 0H000058-0H017349 | -          | N/A          | 36350        | N/A        |
| 8 (4-Stroke) (232cc)         | 1995-98   | USA     | 0G760300-0T178499 | -          | N/A          | 36350        | N/A        |
| 8 (4-Stroke) (232cc)         | 1995-98   | BEL     | 0P086824-0P325499 | -          | N/A          | 36360        | N/A        |
| 8 (4-Stroke) (232cc)         | 1995-98   | JPN     | 0R042475 and Up   | -          | N/A          | 36360        | N/A        |
| 8 (4-Stroke) (232cc)         | 1995-98   | BEL     | 0P325500 and Up   | -          | N/A          | 36360        | N/A        |
| 9.9                          | 1986-93   | USA     | 0A197112 and Up   | 39900      | N/A          | N/A          | N/A        |
| 9.9                          | 1986-93   | BEL     | 9461526 and Up    | 39900      | N/A          | N/A          | N/A        |
| 9.9 (4-Stroke) (232cc)       | 1995-98   | USA     | 0H000058-0H017349 | -          | N/A          | 36350        | N/A        |
| 9.9 (4-Stroke) (323cc)       | 1999      | USA     | 0G760300-0T979999 | -          | N/A          | 36360        | N/A        |
| 9.9 (4-Stroke) (323cc)       | 1999      | BEL     | 0P075166-0P325499 | -          | N/A          | 36360        | N/A        |
| 9.9 (4-Stroke)               | 1995-98   | JPN     | 0R042475 and Up   | -          | N/A          | 36360        | N/A        |
| 9.9 (4-Stroke)               | 1995-98   | BEL     | 0P325500 and Up   | -          | N/A          | 36360        | N/A        |
| 10 (Marathon XR10, Sea Pro)  | 1990-93   | USA     | 0D038000 and Up   | 39900      | N/A          | N/A          | N/A        |
| 10 (Marathon XR10, Sea Pro)  | 1990-93   | BEL     | 9596000 and Up    | 39900      | N/A          | N/A          | N/A        |
| 10 Magnum / Marathon         | 1990-98   | USA     | 0D038000 and Up   | 39900      | N/A          | N/A          | N/A        |
| 10 Magnum / Marathon         | 1990-98   | BEL     | 9596000 and Up    | 39900      | N/A          | N/A          | N/A        |
| 15                           | 1988-93   | USA     | 0B292414 and Up   | 39900      | N/A          | N/A          | N/A        |
| 15                           | 1988-93   | BEL     | 9542620 and Up    | 39900      | N/A          | N/A          | N/A        |
| 15 XD Sea Pro / Marathon     | 1997-98   | BEL     | 9927000 and Up    | 39335      | N/A          | N/A          | N/A        |
| 15 (Super)                   | 1994-98   | USA     | 0B238464 and Up   | 39335      | N/A          | N/A          | N/A        |
| 15 (Super)                   | 1994-98   | BEL     | 9507381 and Up    | 39335      | N/A          | N/A          | N/A        |
| 15 (Super)                   | 1994-98   | CAN     | 0A730007 and Up   | 39335      | N/A          | N/A          | N/A        |
| 15 (4-Stroke)                | 1998      | USA     | 0G760300 and Up   | -          | N/A          | 36360        | N/A        |
| 15 (4-Stroke)                | 1998      | BEL     | 0P075166 and Up   | -          | N/A          | 36360        | N/A        |
| 18 (18 XD)                   | 1983 1/2  | USA     | 6416713-6443972   | 39335      | N/A          | N/A          | N/A        |
| 18 (18 XD)                   | 1983 1/3  | BEL     | 9378116-7209532   | 39335      | N/A          | N/A          | N/A        |
| 18 (18 XD)                   | 1984-85   | CAN     | 7207858-7209532   | 39335      | N/A          | N/A          | N/A        |
| 20 (20, 20XD, 200)           | 1986-87   | USA     | 6443973 and Up    | 39335      | N/A          | N/A          | N/A        |
| 20 (20, 20XD, 200)           | 1986-87   | BEL     | 9415101 and Up    | 39335      | N/A          | N/A          | N/A        |
| 20 (20, 20XD, 200)           | 1986-87   | CAN     | 7209533 and Up    | 39335      | N/A          | N/A          | N/A        |
| 20 Jet                       | 1994-98   | USA     | 0G044027 and Up   | 39335      | N/A          | N/A          | N/A        |
| 20 Jet                       | 1994-98   | BEL     | 9807909 and Up    | 39335      | N/A          | N/A          | N/A        |
| 25 (25, 25XD)                | 1984-87   | USA     | 6416713-0T979999  | 39335      | N/A          | N/A          | N/A        |
| 25 (25, 25XD)                | 1983 1/2  | BEL     | 9378116-0P325499  | 39335      | N/A          | N/A          | N/A        |
| 25 (25, 25XD)                | 1983 1/2  | CAN     | 7207858 and Up    | 39335      | N/A          | N/A          | N/A        |
| 30 (4-Stroke) (3-Cyl.) Carb. | 1999 & Up | USA     | 0G760300-0T408999 | -          | N/A          | 36370        | N/A        |
| 30 (4-Stroke) (3-Cyl.) Carb. | 1999 & Up | USA     | 0T409000-1B226999 | -          | N/A          | 36370        | N/A        |
| 30 (4-Stroke) (3-Cyl.) Carb. | 1999 & Up | BEL     | 0P153500-0P400999 | -          | N/A          | 36370        | N/A        |
| 30 (4-Stroke) (3-Cyl.) EFI   | 1999 & Up | USA     | 0T409000-1B226999 | -          | N/A          | 36370        | N/A        |
| 30 Jet (40HP) (4-Cyl.)       | 1994-97   | USA     | 0C159200 and Up   | 39337      | N/A          | N/A          | N/A        |
| 30 Jet (40HP) (4-Cyl.)       | 1998      | BEL     | 9570790 and Up    | 39337      | N/A          | N/A          | N/A        |
| 35 (2-Cyl.)                  | 1984-86   | USA     | 6445653-0B110788  | 39330      | N/A          | N/A          | N/A        |
| 35 (2-Cyl.)                  | 1984-86   | BEL     | 9384476-9466646   | 39330      | N/A          | N/A          | N/A        |
| 35 (2-Cyl.)                  | 1984-86   | CAN     | 7209608 and Up    | 39330      | N/A          | N/A          | N/A        |
| 40 (40, 402) (2-Cyl.)        | 1972-74   | USA     | 3336258-0G053313  | 39330      | N/A          | N/A          | N/A        |
| 40 (40, 402) (2-Cyl.)        | 1972-74   | AUS     | 8002335 and Up    | 39330      | N/A          | N/A          | N/A        |
| 40 (40, 402) (2-Cyl.)        | 1972-74   | BEL     | 3339688 and Up    | 39330      | N/A          | N/A          | N/A        |
| 40 (2-Cyl.)                  | 1972-74   | CAN     | 3340783 and Up    | 39330      | N/A          | N/A          | N/A        |
| 40 (4-Cyl.)                  | 1989 & Up | USA     | 0C159200 and Up   | 39337      | N/A          | N/A          | N/A        |
| 40 (4-Cyl.)                  | 1989 & Up | BEL     | 9570790 and Up    | 39337      | N/A          | N/A          | N/A        |
| 40 (4-Stroke) (3-Cyl.) Carb. | 1998      | USA     | 0G760300-0T408999 | -          | N/A          | 36370        | N/A        |
| 40 (4-Stroke) (3-Cyl.) Carb. | 1998      | USA     | 0T409000 and Up   | -          | N/A          | 36370        | N/A        |
| 40 (4-Stroke) (3-Cyl.) Carb. | 1998      | BEL     | 0P153500 and Up   | -          | N/A          | 36370        | N/A        |
| 40 (4-Stroke) (3-Cyl.) EFI   | 1998      | USA     | 0T409000 and Up   | -          | N/A          | 36370        | N/A        |
| 40 (4-Stroke) (3-Cyl.) EFI   | 1998      | CHN     | 1C000001 and Up   | -          | N/A          | 36370        | N/A        |
| 40 (4-Stroke) (4-Cyl.) Carb. | 1998      | USA     | 0T228405-0T598999 | -          | N/A          | 36380        | N/A        |
| 40 (4-Stroke) (4-Cyl.) EFI   | 1998      | USA     | 0T409000 and Up   | -          | N/A          | 36380        | N/A        |
| 40 (4-Stroke) (4-Cyl.) EFI   | 1998      | CHN     | 1C000001 and Up   | -          | N/A          | 36380        | N/A        |
| 45 (4-Cyl.)                  | 1986      | USA     | 5531630-0B110788  | 39190      | N/A          | N/A          | N/A        |
| 45 (4-Cyl.)                  | 1986      | AUS     | 8063985 and Up    | 39190      | N/A          | N/A          | N/A        |
| 45 (4-Cyl.)                  | 1986      | BEL     | 9248006-9466691   | 39190      | N/A          | N/A          | N/A        |
| 45 (4-Cyl.)                  | 1986      | CAN     | 7143688-0A719280  | 39190      | N/A          | N/A          | N/A        |
| 45 (4-Cyl.)                  | 1987-89   | USA     | 0B110789 and Up   | 39337      | N/A          | N/A          | N/A        |
| 45 (4-Cyl.)                  | 1987-89   | BEL     | 9466692 and Up    | 39337      | N/A          | N/A          | N/A        |

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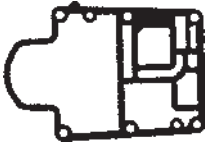
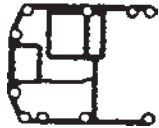
| Model                        | Year      | Country | Serial No. Range  | Gasket Kit | Head O-Rings | Head Gaskets | Head Seals |
|------------------------------|-----------|---------|-------------------|------------|--------------|--------------|------------|
| 45 (4-Cyl.)                  | 1987-89   | CAN     | 0A719281 and Up   | 39337      | N/A          | N/A          | N/A        |
| 50 (500) (4-Cyl.)            | 1965-67   | USA     | 2116318 and Up    | 39190      | N/A          | N/A          | N/A        |
| 50 (500) (4-Cyl.)            | 1965-67   | CAN     | 2097445 and Up    | 39190      | N/A          | N/A          | N/A        |
| 50 (500) (4-Cyl.)            | 1965-67   | AUS     | 2863739 and Up    | 39190      | N/A          | N/A          | N/A        |
| 50 (500) (4-Cyl.)            | 1965-67   | BEL     | 9001581 and Up    | 39190      | N/A          | N/A          | N/A        |
| 50 (3-Cyl.)                  | 1986-87   | USA     | 6428681-0B122929  | 39240      | N/A          | N/A          | N/A        |
| 50 (3-Cyl.)                  | 1986-87   | BEL     | 9385911-9469199   | 39240      | N/A          | N/A          | N/A        |
| 50 (3-Cyl.)                  | 1986-87   | CAN     | 7208333-0A721307  | 39240      | N/A          | N/A          | N/A        |
| 50 (3-Cyl.)                  | 1986-87   | USA     | 0B122930-0D000749 | 39336      | N/A          | N/A          | N/A        |
| 50 (3-Cyl.)                  | 1986-87   | BEL     | 9469200-9683054   | 39336      | N/A          | N/A          | N/A        |
| 50 (3-Cyl.)                  | 1986-87   | CAN     | 0A721308 and Up   | 39336      | N/A          | N/A          | N/A        |
| 50 (4-Stroke) (4-Cyl.) Carb. | 1995-98   | USA     | 0T178500-0T598999 | -          | N/A          | 36380        | N/A        |
| 50 (4-Stroke) (4-Cyl.) Carb. | 1995-98   | BEL     | 0P094500-0P206999 | -          | N/A          | 36380        | N/A        |
| 50 (4-Stroke) (4-Cyl.) EFI   | 1995-98   | USA     | 0T409000 and Up   | -          | N/A          | 36380        | N/A        |
| 50 (4-Stroke) (4-Cyl.) EFI   | 1995-98   | BEL     | 0P153500 and Up   | -          | N/A          | 36380        | N/A        |
| 50 (4-Stroke) (4-Cyl.) EFI   | 1995-98   | CHN     | 1C000001 and Up   | -          | N/A          | 36380        | N/A        |
| 55 (3-Cyl.)                  | 1984-87   | USA     | 6428681-0B122929  | 39240      | N/A          | N/A          | N/A        |
| 55 (3-Cyl.)                  | 1984-87   | BEL     | 9385911-9469199   | 39240      | N/A          | N/A          | N/A        |
| 55 (3-Cyl.)                  | 1984-87   | CAN     | 7208333-0A721307  | 39240      | N/A          | N/A          | N/A        |
| 55 (3-Cyl.)                  | 1988-90   | USA     | 0B122930-0D000749 | 39336      | N/A          | N/A          | N/A        |
| 55 (3-Cyl.)                  | 1988-90   | BEL     | 9469200-9683054   | 39336      | N/A          | N/A          | N/A        |
| 55 (3-Cyl.)                  | 1988-90   | CAN     | 0A721308 and Up   | 39336      | N/A          | N/A          | N/A        |
| 60 (3-Cyl.)                  | 1984-87   | USA     | 6428681-0B122929  | 39240      | N/A          | N/A          | N/A        |
| 60 (3-Cyl.)                  | 1984-87   | BEL     | 9385911-9469199   | 39240      | N/A          | N/A          | N/A        |
| 60 (3-Cyl.)                  | 1984-87   | CAN     | 7208333-0A721307  | 39240      | N/A          | N/A          | N/A        |
| 60 (3-Cyl.)                  | 1988-90   | USA     | 0B122930-0D000749 | 39336      | N/A          | N/A          | N/A        |
| 60 (3-Cyl.)                  | 1988-90   | BEL     | 9469200-9683054   | 39336      | N/A          | N/A          | N/A        |
| 60 (3-Cyl.)                  | 1988-90   | CAN     | 0A721308 and Up   | 39336      | N/A          | N/A          | N/A        |
| 60 (4-Stroke) (4-Cyl.) Carb  | 1965-66   | USA     | 0T178500-0T598999 | -          | N/A          | 36380        | N/A        |
| 60 (4-Stroke) (4-Cyl.) Carb  | 1965-66   | BEL     | 0P094500-0P206999 | -          | N/A          | 36380        | N/A        |
| 60 (4-Stroke) (4-Cyl.) EFI   | 1965-66   | USA     | 0T409000 and Up   | -          | N/A          | 36380        | N/A        |
| 60 (4-Stroke) (4-Cyl.) EFI   | 1965-66   | BEL     | 0P153500 and Up   | -          | N/A          | 36380        | N/A        |
| 60 (4-Stroke) (4-Cyl.) EFI   | 1965-66   | CHN     | 1C000001 and Up   | -          | N/A          | 36380        | N/A        |
| 65 (650) (3-Cyl.)            | 1973-76   | USA     | 3293184-4382056   | 39180      | N/A          | N/A          | N/A        |
| 65 (650) (3-Cyl.)            | 1973-75   | AUS     | 8006640-8042349   | 39180      | N/A          | N/A          | N/A        |
| 65 (650) (3-Cyl.)            | 1973-76   | BEL     | 9020074-9112988   | 39180      | N/A          | N/A          | N/A        |
| 65 (650) (3-Cyl.)            | 1973-76   | CAN     | 7013633-7073472   | 39180      | N/A          | N/A          | N/A        |
| 65 (650) (3-Cyl.)            | 1976      | USA     | 4382057-4571651   | 39240      | N/A          | N/A          | N/A        |
| 65 (650) (3-Cyl.)            | 1976      | BEL     | 9112989-9135824   | 39240      | N/A          | N/A          | N/A        |
| 65 (650) (3-Cyl.)            | 1976      | CAN     | 7073473-7087822   | 39240      | N/A          | N/A          | N/A        |
| 70 (3-Cyl.)                  | 1977-79   | USA     | 4571652-0A996141  | 39240      | N/A          | N/A          | N/A        |
| 70 (3-Cyl.)                  | 1977-79   | AUS     | 8042350 and Up    | 39240      | N/A          | N/A          | N/A        |
| 70 (3-Cyl.)                  | 1977-79   | BEL     | 9135825-9385910   | 39240      | N/A          | N/A          | N/A        |
| 70 (3-Cyl.)                  | 1977-79   | CAN     | 7087823-7208332   | 39240      | N/A          | N/A          | N/A        |
| 70 (3-Cyl.)                  | 1987      | USA     | 0A996142 and Up   | 39333      | N/A          | N/A          | N/A        |
| 70 (3-Cyl.)                  | 1987      | BEL     | 9483121 and Up    | 39333      | N/A          | N/A          | N/A        |
| 75 (4-Cyl.)                  | 1984-88   | USA     | 6432901 and Up    | 39210      | N/A          | N/A          | N/A        |
| 75 (4-Cyl.)                  | 1984-88   | BEL     | 9393856 and Up    | 39210      | N/A          | N/A          | N/A        |
| 75 (4-Cyl.)                  | 1984-88   | CAN     | 7208573 and Up    | 39210      | N/A          | N/A          | N/A        |
| 75 (4-Stroke) (Carb)         | 1999 & Up | USA     | 0G960500-1B226999 | -          | N/A          | 36390        | N/A        |
| 75 (4-Stroke) (EFI) (1596cc) | 1999 & Up | USA     | 1B172291-1B366822 | -          | N/A          | 36390        | N/A        |
| 80 (800) (4-Cyl.)            | 1969-72   | -       | 2559001-3493912   | 39140      | N/A          | N/A          | N/A        |
| 80 (80, 800) (4-Cyl.)        | 1978-79   | USA     | 4831999-6432900   | 39210      | N/A          | N/A          | N/A        |
| 80 (80, 800) (4-Cyl.)        | 1978-79   | AUS     | 8050200 and Up    | 39210      | N/A          | N/A          | N/A        |
| 80 (80, 800) (4-Cyl.)        | 1978-79   | BEL     | 9177626-9393855   | 39210      | N/A          | N/A          | N/A        |
| 80 (80, 800) (4-Cyl.)        | 1978-79   | CAN     | 7110998-7208572   | 39210      | N/A          | N/A          | N/A        |
| 80 (3-Cyl.)                  | 1987      | USA     | 0A996142 and Up   | 39333      | N/A          | N/A          | N/A        |
| 80 (3-Cyl.)                  | 1987      | BEL     | 9483121 and Up    | 39333      | N/A          | N/A          | N/A        |
| 80 Jet (4-Cyl.)              | 1994-98   | USA     | 0D283222 and Up   | 39331      | N/A          | N/A          | N/A        |
| 80 Jet (4-Cyl.)              | 1994-98   | BEL     | 9793577 and Up    | 39331      | N/A          | N/A          | N/A        |
| 90 (900) (6-Cyl.)            | 1965      | -       | 1766824-1869775   | 39334      | N/A          | N/A          | N/A        |
| 90 (90, 900) (6-Cyl.)        | 1978-79   | USA     | 4845301 and Up    | 39550      | N/A          | N/A          | N/A        |
| 90 (90, 900) (6-Cyl.)        | 1978-79   | CAN     | 7111698 and Up    | 39550      | N/A          | N/A          | N/A        |
| 90 (90) (6-Cyl.)             | 1980-83   | AUS     | 8060545 and Up    | 39550      | N/A          | N/A          | N/A        |
| 90 (3-Cyl.)                  | 1987      | USA     | 0A996142 and Up   | 39333      | N/A          | N/A          | N/A        |
| 90 (3-Cyl.)                  | 1987      | BEL     | 9483121 and Up    | 39333      | N/A          | N/A          | N/A        |
| 90 (4-Stroke)                | 1999 & Up | USA     | 0G960500-1B226999 | -          | N/A          | 36390        | N/A        |
| 90 (4-Stroke) (EFI) (1596cc) | 1999 & Up | USA     | 1B172291-1B366822 | -          | N/A          | 36390        | N/A        |
| 95 (950) (6-Cyl.)            | 1966-67   | -       | 1869776-2318585   | 39334      | N/A          | N/A          | N/A        |
| 100 (1000) (6-Cyl.)          | 1964-68   | -       | 1768404-2641854   | 39334      | N/A          | N/A          | N/A        |
| 100 (4-Cyl.)                 | 1988-98   | USA     | 0B209468 and Up   | 39331      | N/A          | N/A          | N/A        |
| 100 (4-Cyl.)                 | 1988-98   | BEL     | 9523034 and Up    | 39331      | N/A          | N/A          | N/A        |
| 105 Jet (V6)                 | 1996 & Up | USA     | 0D082000 and Up   | 39520      | N/A          | 35850        | N/A        |
| 110 (1100) (6-Cyl.)          | 1966-67   | -       | 1870204-2314955   | 39334      | N/A          | N/A          | N/A        |
| 115 (1150, 115) (6-Cyl.)     | 1973-79   | USA     | 3525441 and Up    | 39550      | N/A          | N/A          | N/A        |
| 115 (1150, 115) (6-Cyl.)     | 1973-79   | AUS     | 8008665 and Up    | 39550      | N/A          | N/A          | N/A        |
| 115 (1150, 115)              | 1978-79   | CAN     | 7112248 and Up    | 39550      | N/A          | N/A          | N/A        |

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| Model                         | Year      | Country | Serial No. Range  | Gasket Kit | Head O-Rings | Head Gaskets | Head Seals |
|-------------------------------|-----------|---------|-------------------|------------|--------------|--------------|------------|
| 115 (4-Cyl.)                  | 1988-93   | USA     | 0C100000 and Up   | 39331      | N/A          | N/A          | N/A        |
| 115 (4-Cyl.)                  | 1988-93   | BEL     | 9559771 and Up    | 39331      | N/A          | N/A          | N/A        |
| 115 (4-Stroke) (EFI) (1741cc) | 1999 & Up | USA     | 0T209000-1B366822 | -          | N/A          | 36390        | N/A        |
| 125 (4-Cyl.)                  | 1994-98   | USA     | 0D283222 and Up   | 39331      | N/A          | N/A          | N/A        |
| 125 (4-Cyl.)                  | 1994-98   | BEL     | 9793577 and Up    | 39331      | N/A          | N/A          | N/A        |
| 140 (140, 1400) (6-Cyl.)      | 1972      | USA     | 3293234-3502805   | 39550      | N/A          | N/A          | N/A        |
| 140 (140, 1400) (6-Cyl.)      | 1978-79   | USA     | 4865678 and Up    | 39550      | N/A          | N/A          | N/A        |
| 140 (140, 1400) (6-Cyl.)      | 1978-79   | AUS     | 8052650 and Up    | 39550      | N/A          | N/A          | N/A        |
| 140 (140, 1400) (6-Cyl.)      | 1978-79   | CAN     | 7112773 and Up    | 39550      | N/A          | N/A          | N/A        |
| 150 (1500) (6-Cyl.)           | 1973-78   | USA     | 3502806-5327662   | 39550      | N/A          | N/A          | N/A        |
| 150 (1500) (6-Cyl.)           | 1973-78   | AUS     | 8005615-8052649   | 39550      | N/A          | N/A          | N/A        |
| 150 (1500) (6-Cyl.)           | 1973-77   | CAN     | 7010533-7112772   | 39550      | N/A          | N/A          | N/A        |
| V-135                         | 1986-88   | USA     | 0A904646-0C239552 | 39440      | N/A          | 35880        | N/A        |
| V-135                         | 1991      | USA     | 0C239553-0G960499 | 39520      | N/A          | 35850        | N/A        |
| V-135                         | 1996-98   | USA     | 0G960500-0T178499 | -          | N/A          | 35850        | N/A        |
| V-135 DFI                     | 1992-95   | USA     | 0C590000-0G960499 | 39338      | N/A          | N.L.A.       | N/A        |
| V-135 DFI                     | 1998      | USA     | 0G960500 and Up   | 39338      | 81553        | N/A          | 81554      |
| V-140 Jet                     | 1996-98   | USA     | 0D082000-0G960499 | 39520      | N/A          | 35870        | N/A        |
| V-150 (150, 1500)             | 1973-77   | USA     | 4868998-6042945   | 39340      | N/A          | 35910        | N/A        |
| V-150                         | 1982-90   | USA     | 6042946-0C239552  | 39440      | N/A          | 35880        | N/A        |
| V-150                         | 1988-91   | USA     | 0C239553-0G960499 | 39520      | N/A          | 35850        | N/A        |
| V-150                         | 1996-98   | USA     | 0G960500 and Up   | 39338      | 81553        | N/A          | 81554      |
| V-150 (XR4 / Magnum II)       | 1988      | USA     | 0B242885-0C239552 | 39450      | N/A          | 35860        | N/A        |
| V-150 (XR4)                   | 1991      | USA     | 0C239553-0D081999 | 39520      | N/A          | 35890        | N/A        |
| V-150 (XR6 / Magnum III)      | 1992-95   | USA     | 0D082000-0G960499 | 39520      | N/A          | 35870        | N/A        |
| V-150 (XR6 / Magnum III)      | 1996-98   | USA     | 0G960500 and Up   | 39338      | 81553        | N/A          | 81554      |
| V-150 EFI                     | 1993-98   | USA     | 0D082000-0G960499 | 39520      | N/A          | 35870        | N/A        |
| V-150 EFI                     | 1996-98   | USA     | 0G960500-0T408999 | -          | 81553        | N/A          | 81554      |
| V-150 EFI                     | 1996-98   | USA     | 0T409000 and Up   | -          | 81553        | N/A          | 81554      |
| V-150 DFI                     | 1998      | USA     | 0D590000-0G960499 | 39338      | N/A          | N.L.A.       | N/A        |
| V-150 DFI                     | 1998      | USA     | 0G960500 and Up   | 39338      | 81553        | N.L.A.       | 81554      |
| V-175 (175, 1750)             | 1976-81   | USA     | 4301235-6618750   | 39340      | N/A          | 35910        | N/A        |
| V-175 (175, 1750)             | 1976-79   | AUS     | 8058870 and Up    | 39340      | N/A          | 35910        | N/A        |
| V-175                         | 1985-88   | USA     | 6618751-0C239552  | 39450      | N/A          | 35860        | N/A        |
| V-175                         | 1991      | USA     | 0C239553-0D081999 | 39520      | N/A          | 35890        | N/A        |
| V-175                         | 1992-95   | USA     | 0D082000-0G960499 | 39520      | N/A          | 35870        | N/A        |
| V-175 EFI                     | 1992-95   | USA     | 0D000750-0D081999 | 39520      | N/A          | 35890        | N/A        |
| V-175 EFI                     | 1992-95   | USA     | 0D082000-0G960499 | 39520      | N/A          | 35870        | N/A        |
| V-175 EFI                     | 1992-98   | USA     | 0D960500-0T408999 | -          | 81553        | N/A          | 81554      |
| V-175 EFI                     | 1992-98   | USA     | 0T409000-0T800999 | -          | 81553        | N/A          | 81554      |
| V-175 EFI                     | 1992-98   | USA     | 0T178500 and Up   | 39338      | 81553        | N/A          | 81554      |
| V-200 (200, 2000)             | 1978-79   | USA     | 4839034-6073191   | 39560      | N/A          | 35900        | N/A        |
| V-200 (200, 2000)             | 1980-81   | AUS     | 8061595-8065672   | 39560      | N/A          | 35900        | N/A        |
| V-200                         | 1982      | USA     | 6073192-6203990   | 39560      | N/A          | 35900        | N/A        |
| V-200                         | 1983      | USA     | 6203991-0C291519  | 39250      | N/A          | 35860        | N/A        |
| V-200                         | 1991      | USA     | 0C291520-0D081999 | 39520      | N/A          | 35870        | N/A        |
| V-200                         | 1992-95   | USA     | 0D082000 and Up   | 39520      | N/A          | 35870        | N/A        |
| V-200                         | 1996-98   | USA     | 0G960500 and Up   | -          | 81553        | N/A          | 81554      |
| V-200 EFI                     | 1989-90   | USA     | 0C100861-0C291519 | 39332      | N/A          | 35860        | N/A        |
| V-200 EFI                     | 1991      | USA     | 0C291520-0G960499 | 39520      | N/A          | 35870        | N/A        |
| V-200 EFI                     | 1996-98   | USA     | 0G960500-0T408999 | -          | 81553        | N/A          | 81554      |
| V-200 EFI (2.5L)              | 1996-98   | USA     | 0T409000 and Up   | -          | 81553        | N/A          | 81554      |
| V-200 EFI (3.0L)              | 1996-98   | USA     | 0T750164-0T598999 | -          | 81552        | N/A          | 81555      |
| V-200 EFI (3.0L)              | 1996-98   | USA     | 0T599000 and Up   | -          | -            | N/A          | 81555      |
| V-200 DFI (3.0L)              | 1997      | USA     | 0G386496-0G589999 | -          | 81551        | N/A          | 81555      |
| V-200 DFI (3.0L)              | 1998      | USA     | 0G590000-0G960499 | -          | 81551        | N/A          | 81555      |
| V-200 DFI (3.0L)              | 1998      | USA     | 0G960500-0T178499 | -          | 81551        | N/A          | 81555      |
| V-200 DFI (3.0L)              | 1998      | USA     | 0T178500-0T598999 | -          | 81552        | N/A          | 81555      |
| V-200 DFI (3.0L)              | 1998      | USA     | 0T599000 and Up   | -          | -            | N/A          | 81555      |
| V-220                         | 1987-88   | USA     | 0B117316 and Up   | 39332      | N/A          | 35860        | N/A        |
| V-225                         | 1980-81   | USA     | 5628028 and Up    | 39560      | N/A          | 35900        | N/A        |
| V-225                         | 1994-98   | USA     | 0D280813-0T178499 | -          | 81551        | N/A          | 81555      |
| V-225                         | 1994-98   | USA     | 0T178500-0T408999 | -          | 81552        | N/A          | 81555      |
| V-225 Sea Pro                 | 1994-98   | USA     | 0G245605-0T408999 | -          | 81551        | N/A          | 81555      |
| V-225 EFI (3.0L)              | 1995-98   | USA     | 0G129222-0T408999 | -          | 81551        | N/A          | 81555      |
| V-225 EFI (3.0L)              | 1995-98   | USA     | 0T409000-0T598999 | -          | 81552        | N/A          | 81555      |
| V-225 EFI (3.0L)              | 1995-98   | USA     | 0T599000 and Up   | -          | -            | N/A          | 81555      |
| V-225 DFI (3.0L)              | 1998      | USA     | 0G590000-0G960499 | -          | 81551        | N/A          | 81555      |
| V-225 DFI (3.0L)              | 1998      | USA     | 0G960500-0T178499 | -          | 81551        | N/A          | 81555      |
| V-225 DFI (3.0L)              | 1998      | USA     | 0T178500-0T598999 | -          | 81552        | N/A          | 81555      |
| V-225 DFI (3.0L)              | 1998      | USA     | 0T599000 and Up   | -          | -            | N/A          | 81555      |
| V-250 EFI (3.0L)              | 1995-98   | USA     | 0T409000-0T598999 | -          | 81552        | N/A          | 81555      |
| V-225 EFI (3.0L)              | 1995-98   | USA     | 0T599000 and Up   | -          | -            | N/A          | 81555      |
| V-250 (3.4L)                  | 1989-94   | USA     | 0C101891 and Up   | -          | 81560        | N/A          | -          |
| V-250 EFI (3.0L)              | 1995-98   | USA     | 0G129222-0T408999 | -          | 81551        | N/A          | 81555      |
| V-275 (3.4L)                  | 1989-94   | USA     | 0C101891 and Up   | -          | 81560        | N/A          | -          |
| V-300 (3.4L)                  | 1980-87   | USA     | 5611648 and Up    | N.L.A.     | 81560        | N/A          | -          |

# Mercury / Mariner / Force

| POWERHEAD MOUNTING GASKETS - 2, 3, L4 & L6-CYLINDER                                                                                                                                                                                    |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                  |                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>No. 32110</b><br>OEM: 27-89937<br><br>4, 4.5, 7.5, 9.8 HP 1-Cyl.                                                                                   | <b>No. 35570</b><br>OEM: 27-19186-1<br><br>6, 8, 9.9, 10, 15 HP 2-Cyl.<br>Cyl. Block to Mounting Plate                                                           | <b>No. 32780</b><br>OEM: 27-41670006<br><br>15, 18, 20, 25 HP 2-Cyl.<br>Cyl. Block to Mounting Plate                                           | <b>No. 30170</b><br>OEM: 27-39401<br><br>20 (200) HP 2-Cyl.<br>Cyl. Block to Mounting Plate                                           |
| <b>No. 30180</b><br>OEM: 27-39402<br><br>20 (200) HP 2-Cyl.<br>Mounting Plate to Drive Shaft Housing                                                  | <b>No. 37861</b><br>OEM: 27-828553 <br><br>30, 40, 45 Jet, 50, 55, 60 HP 3-Cyl. | <b>No. 31980</b><br>OEM: 27-88451-1<br><br>30, 35, 40, 45, 50, 60 HP 3 & 4-Cyl.<br>Cyl. Block to Mounting Plate                                | <b>No. 31400</b><br>OEM: 27-38501-1<br><br>30, 35, 40, 45, 50, 60, HP 3 & 4-Cyl.<br>Mounting Plate to Drive Shaft Housing             |
| <b>No. 31640</b><br>OEM: 27-62860-1<br><br>35 HP 2-Cyl.<br>Cyl. Block to Mounting Plate                                                             | <b>No. 30990</b><br>OEM: 27-79650-1<br><br>45, 50 HP L4-Cyl.<br>Cyl. Block to Mounting Plate                                                                   | <b>No. 37610</b><br>OEM: 27-43008-6<br><br>54-125 HP 3 & L4-Cyl.<br>Mounting Plate to Drive Shaft Housing                                    | <b>No. 30570</b><br>OEM: 27-60317<br><br>65 (650) HP 3-Cyl.<br>Cyl. Block to Mounting Plate                                         |
| <b>No. 30330</b><br>OEM: 27-48801<br><br>65 (650), 80 (800), 115 (1150), 125 (1250), 135 (1350) HP L4-Cyl.<br>Mounting Plate to Drive Shaft Housing | <b>No. 31450</b><br>OEM: 27-47257<br><br>65 (650), 90 (900), 100 (1000), 110 (1100) HP L4 & L6-Cyl.<br>Cyl. Block to Mounting Plate                            | <b>No. 30160</b><br>OEM: 27-38471<br><br>65 (650), 90 (900), 100 (1000), 110 (1100) HP L4 & L6-Cyl.<br>Mounting Plate to Drive Shaft Housing | <b>No. 32830</b><br>OEM: 27-43007-5<br><br>65-125 HP 3 & L4-Cyl.<br>Cyl. Block to Mounting Plate                                    |
| <b>No. 31720</b><br>OEM: 27-69238-1<br><br>75, 80, 85, 90, 115, 140 L4 & L6-Cyl.<br>Cyl. Block to Mounting Plate                                    | <b>No. 30700</b><br>OEM: 27-66102-1<br><br>75, 80, 85, 90, 115, 140 L4 & L6-Cyl.<br>Mounting Plate to Drive Shaft Housing                                      | <b>No. 30710</b><br>OEM: 27-66335<br><br>85 (850), 115 (1150), 150 (1500) HP L4-Cyl.<br>Mounting Plate to Drive Shaft Housing                | <b>No. 32510</b><br>OEM: 27-991744<br><br>140 Jet, 115, 135, 140, 150, 175, 200, 225 HP V6<br>Mounting Plate to Drive Shaft Housing |

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## POWERHEAD MOUNTING GASKETS - V6

|                                                                                                                                                                                                            |                                                                                                                                                                                                                |                                                                                                                                                                                                                 |                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>No. 37570</b><br>OEM: 27-18307-6<br><br>115-200 HP 2.5L V6<br>Exhaust Plate to Mounting Plate                          | <b>No. 32540</b><br>OEM: 27-99776-1<br><br>135, 150 (1500), 175 (1750) HP<br>s/n 6042946 & Up<br>Cyl. Block to Mounting Plate | <b>No. 32520</b><br>OEM: 27-99176-4<br><br>135, 150, 175, 200 HP V6<br>(1750) s/n 6618751 & Up<br>Cyl. Block to Mounting Plate | <b>No. 32530</b><br>OEM: 27-99177-2<br><br>135, 150, 175, 200 HP V6<br>(1750) s/n 6618751 & Up<br>Mounting Plate to Drive Shaft Housing |
| <b>No. 31940</b><br>OEM: 27-78069<br><br>150 (1500), 175 (1750) HP<br>s/n 6042945 & Below<br>Cyl. Block to Mounting Plate | <b>No. 37620</b><br>OEM: 27-823142-2<br><br>150-225 HP 2.5L V6<br>Cyl. Block to Mounting Plate                                | <b>No. 31870</b><br>OEM: 27-75909<br><br>175 (1750) HP V6 s/n 6618750 & Below<br>Cyl. Block to Mounting Plate                  | <b>No. 32870</b><br>OEM: 27-75786<br><br>175 (1750) HP V6 s/n 6618750 & Below<br>Mounting Plate to Drive Shaft Housing                  |

## CRANKCASE GASKETS

|                                                                                                                                              |                                                                                                                                                       |                                                                                                                                                             |                                                                                                                                                     |                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>No. 30450</b><br>OEM: 27-55158<br><br>35, 40 HP 2-Cyl. | <b>No. 30930</b><br>OEM: 27-60286<br><br>50, 60, 650, 70 HP 3-Cyl. | <b>No. 30430</b><br>OEM: 27-53650<br><br>75, 80, 800, 85, 850 HP L4-Cyl. | <b>No. 31580</b><br>OEM: 27-53862<br><br>90-275 HP L6-Cyl. & V6 | <b>No. 30890</b><br>OEM: 27-11338<br><br>135-220 HP V6 |
|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|

## CYLINDER BLOCK COVER GASKETS

|                                                                                                                                                |                                                                                                                                                        |                                                                                                                                               |                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>No. 31950</b><br>OEM: 27-41382<br><br>7.5, 9.8 HP 2-Cyl. | <b>No. 30260</b><br>OEM: 27-43777-2<br><br>30 Jet, 40, 45 HP 4-Cyl. | <b>No. 31920</b><br>OEM: 27-856729<br><br>35, 40 HP 2-Cyl. | <b>No. 31890</b><br>OEM: 27-85487<br><br>45, 50 HP 4-Cyl.     |
| <b>No. 30270</b><br>OEM: 27-43779-2<br><br>50, 60 HP 3-Cyl. | <b>No. 32090</b><br>OEM: 27-88449<br><br>70 HP 3-Cyl.               | <b>No. 32420</b><br>OEM: 27-96171-1<br><br>75 HP 3-Cyl.    | <b>No. 32320</b><br>OEM: 27-98185-3<br><br>90, 115 HP L6-Cyl. |

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## CYLINDER BLOCK COVER GASKETS CONT.

|                                                                                                                                                             |                                                                                                                                                      |                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>No. 30980</b><br>OEM: 27-78410<br><br>9.9 (Force) 20 (200) HP           | <b>No. 37660</b><br>OEM: 27-43005-7<br><br>65 Jet, 75, 90 HP 3-Cyl. | <b>No. 32010</b><br>OEM: 27-85493<br><br>80 (800) 4-Cyl.         |
| <b>No. 37670</b><br>OEM: 27-4A328-4<br><br>80 Jet, 100, 115, 125 HP 4-Cyl. | <b>No. 30680</b><br>OEM: 27-65788<br><br>150-220 HP V6 Design I     | <b>No. 32440</b><br>OEM: 27-96278<br><br>150-220 HP V6 Design II |

## REED BLOCK GASKETS

|                                                                                                                                                                                       |                                                                                                                                                                                                        |                                                                                                                                                                                                     |                                                                                                                                                                                                                            |                                                                                                                                                                                       |                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>No. 36750</div> <div>OEM: 27-41417-2</div> <div></div> <div>15, 20, 25 HP 2-Cyl.</div>        | <div>No. 36760</div> <div>OEM: 27-41418-1</div> <div></div> <div>15, 20, 25 HP 2-Cyl.<br/>Carb. Adapter Plate</div> | <div>No. 36900</div> <div>OEM: 27-812868</div> <div></div> <div>30, 40, 45 Jet, 50,<br/>55, 60 HP 3-Cyl.</div>   | <div>No. 36901</div> <div>OEM: 27-812869</div> <div></div> <div>30, 40, 45 Jet, 50,<br/>55, 60 HP 3-Cyl.<br/>Induction Manifold</div> | <div>No. 32220</div> <div>OEM: 27-13937-6</div> <div></div> <div>75-125 HP 3 &amp; L4-Cyl.</div> |                                                                                                                                                                                   |
| <div>No. 37320</div> <div>OEM: 27-828316</div> <div></div> <div>4-Cyl. Force</div>                 | <div>No. 37370</div> <div>OEM: 27-F406406</div> <div></div> <div>4-Cyl. Force</div>                                 | <div>No. 30670</div> <div>OEM: 27-65744-3</div> <div></div> <div>175 (1750), 200 (2000)<br/>250, 275 HP V6</div> | <div>No. 32450</div> <div>OEM: 27-96761-1</div> <div></div> <div>200 (2000) HP V6</div>                                               | <div>No. 30970</div> <div>OEM: 12775-4</div> <div></div> <div>200 HP, 2.5L EFI, V6</div>         |                                                                                                                                                                                   |
| <div>No. 36902</div> <div>OEM: 27-850283</div> <div></div> <div>200 DFI, 225 DFI<br/>3.0L V6</div> | <div>No. 37550</div> <div>OEM: 27-813859</div> <div></div> <div>200 HP, 240 EFI<br/>Jet V6</div>                    | <div>No. 36903</div> <div>OEM: 27-814195-1</div> <div></div> <div>200, 225, 250, 300 HP<br/>3.0L V6</div>        | <div>No. 37530</div> <div>OEM: 27-14697-2</div> <div></div> <div>Most V6</div>                                                         | <div>No. 37540</div> <div>OEM: 27-16737-1</div> <div></div> <div>V6 Adaptor Plate</div>          | <div>No. 31680</div> <div>OEM: 27-93536-1</div> <div></div> <div>V6 Reed Block Housing</div> |

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## TRANSFER PORT COVER GASKETS

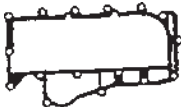
|                                                                                                                                                                                                       |                                                                                                                                                                                              |                                                                                                                                                                                                     |                                                                                                                                                                                                          |                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>No. 30060</div><div>OEM: 27-27936-1</div></div> <div></div> <div>30 Jet, 40, 45 HP L4-Cyl.</div>           | <div><div>No. 31600</div><div>OEM: 27-55279-1</div></div> <div></div> <div>35 HP 2-Cyl.</div>               | <div><div>No. 30940</div><div>OEM: 27-76862-1</div></div> <div></div> <div>50, 60, 70 HP 3-Cyl.</div>             | <div><div>No. 37120</div><div>OEM: 27-820500-3</div></div> <div></div> <div>3-Cyl. &amp; 4-Cyl. Force Sport Jet</div> |                                                                                                                                                                                                                        |
| <div><div>No. 30880</div><div>OEM: 27-73645</div></div> <div></div> <div>75, 80 (800),<br/>85 (850) HP L4-Cyl.</div> | <div><div>No. 32850</div><div>OEM: 27-62107</div></div> <div></div> <div>80 (800) 85 (850) HP L4-Cyl.</div> | <div><div>No. 30400</div><div>OEM: 27-52891</div></div> <div></div> <div>80 (800), 1000 BP<br/>150 BP 4-Cyl.</div> | <div><div>No. 32070</div><div>OEM: 27-856730</div></div> <div></div> <div>90, 115, 140 HP L6-Cyl.</div>                | <div><div>No. 32860</div><div>OEM: 27-64941</div></div> <div></div> <div>90 (900), 115 (1150)<br/>140 (1400), 1150 HP L6-Cyl.</div> |

## BAFFLE PLATE-EXHAUST MANIFOLD GASKETS

|                                                                                                                                                |                                                                                                                                                |                                                                                                                                                              |                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>No. 31960</b><br>OEM: 27-78409<br><br>20 (200) HP        | <b>No. 31970</b><br>OEM: 27-78411<br><br>20 (200) HP        | <b>No. 30770</b><br>OEM: 27-69525-2<br><br>50, 60, 65 (650), 70 HP 3-Cyl. | <b>No. 30800</b><br>OEM: 27-70335-1<br><br>50, 60, 65 (650), 70 HP 3-Cyl. |
| <b>No. 30550</b><br>OEM: 27-60309<br><br>65 (650) HP 3-Cyl. | <b>No. 30650</b><br>OEM: 27-60308<br><br>65 (650) HP 3-Cyl. | <b>No. 30410</b><br>OEM: 27-52894<br><br>80 (800) HP 4-Cyl.               | <b>No. 30420</b><br>OEM: 27-52895<br><br>80 (800) HP 4-Cyl.               |

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## BAFFLE PLATE-EXHAUST MANIFOLD GASKETS CONT.

| <b>No. 31930</b><br>OEM: 27-78035<br><br>7.5 (75), 11 (110) HP 2-Cyl.         | <b>No. 31780</b><br>OEM: 27-85491-3<br><br>30 Jet, 40, 45, 50 HP 4-Cyl.          | <b>No. 31790</b><br>OEM: 27-85492-4<br><br>30 Jet, 40, 45, 50 HP 4-Cyl.                                                                   | <b>No. 31910</b><br>OEM: 27-856728<br><br>35, 40 HP 2-Cyl.                                                                                 | <b>No. 32930</b><br>OEM: 27-85488-2<br><br>35, 40 HP 2-Cyl.                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>No. 30760</b><br>OEM: 27-69524-2<br><br>50, 60, 65 (650), 70 HP 3-Cyl.     | <b>No. 30640</b><br>OEM: 27-64859<br><br>65 (650) HP 3-Cyl.                      | <b>No. 37650</b><br>OEM: 27-43004-7<br><br>65 Jet, 75, 90 HP 3-Cyl.                                                                       | <b>No. 32940</b><br>OEM: 27-85496-1<br><br>75 HP 4-Cyl.                                                                                    | <b>No. 32950</b><br>OEM: 27-85498-1<br><br>75 HP 4-Cyl.                                                                          |
| <b>No. 32050</b><br>OEM: 27-85497-2<br><br>90, 115 HP L6-Cyl.               | <b>No. 32280</b><br>OEM: 27-85495-2<br><br>90, 115 HP L6-Cyl.                  | <b>No. 37640</b><br>OEM: 27-13958-1<br><br>80 Jet, 100, 115, 125 HP L4-Cyl.<br>use with 44324C1 / 44325C1<br>Baffle Plate-Exhaust Cover | <b>No. 37680</b><br>OEM: 27-812775-4<br><br>80 Jet, 100, 115, 125 HP L4-Cyl.<br>use with 44324C2 / 44325C2<br>Baffle Plate-Exhaust Cover | <b>No. 37690</b><br>OEM: 27-812775-5<br><br>80 Jet, 100, 115, 125 HP L4-Cyl.<br>use with 44324C2<br>Baffle Plate-Exhaust Cover |
| V6 DIVIDER PLATE GASKETS                                                                                                                                       |                                                                                                                                                                   |                                                                                                                                                                                                                            |                                                                                                                                                                                                                               |                                                                                                                                                                                                                     |
| <b>No. 32150</b><br>OEM: 27-90484-1<br><br>135, 150, 220, 225 (2.4L) HP XR4 | <b>No. 37560</b><br>OEM: 27-19050-3<br><br>140 Jet, 150 Jet, 135-200 (2.5L) HP |                                                                                                                                                                                                                            | <b>No. 31880</b><br>OEM: 27-76636<br><br>150, 175, 200 HP                                                                                |                                                                                                                                                                                                                     |

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## WATER JACKET COVER GASKETS

### No. 37660

OEM: 27-43005-7



65 Jet, 75, 90 HP 3-Cyl.

### No. 30900

OEM: 27-73665



75, 80, 85 HP L4-Cyl.

### No. 37670

OEM: 27-44328-4



80 Jet, 100, 115, 125 HP L4-Cyl.

### No. 31730

OEM: 27-72142-1



90, 115 HP L6-Cyl.

## SOUND ATTENUATOR GASKETS

### No. 30740

OEM: 27-67275-1



135, 150, 175, 200 HP V6

### No. 37520

OEM: 27-18889-1



135, 150, 175, 200 (2.5L) V6

### No. 32310

OEM: 27-87736-1



200, 225 (2.4L) HP V6

## MISCELLANEOUS GASKETS

### No. 30620

OEM: 27-62396



35, 40 HP  
Cover Mounting Bracket to Block

### No. 30720

OEM: 27-66847



35, 40 HP  
Cover Mounting Bracket to Block

### No. 30310

OEM: 27-47190



50, 60 HP  
Ignition Drive Cap

### No. 30520

OEM: 27-60280-1



50, 60 HP  
Exh. Plate to Exhaust Tube

### No. 30780

OEM: 27-69860



80, 85 HP L4-Cyl.  
Drive Shaft Hsg. Plate to Exh. Ext.

### No. 37630

OEM: 27-13461-2



80 Jet, 100, 115, 125 HP L4-Cyl.  
Induction Manifold

### No. 30070

OEM: 27-29166



(300), (400), (450), (500), (650) L4-Cyl.  
Magneto Cover

### No. 30050

OEM: 27-25725



(450), (500), (650) L4-Cyl.  
End Cap Cover

### No. 30280

OEM: 27-46351



(500), (650), (950), (1100), (1250)  
L4 & L6-Cyl.  
Adaptor to Primary Housing

### No. 30600

OEM: 27-62362



L6-Cyl.  
Megaphone to Drive Shaft Housing

### No. 31990

OEM: 27-78690



V6  
Relief Value Plate

### No. 32880

OEM: 27-78246-1



V6  
Drive Shaft Hsg. Plate to Exh. Ext.

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## Limited Warranty of GLM Products, Inc.

1. This product of GLM Products, Inc. ("GLM") is warranted to be free from defects in material and workmanship for a period of two years from the date of purchase for aluminum elbow/manifold and all other GLM parts and accessories, three years from the date of purchase for cast iron elbow/manifold. Products used for commercial, rental, or income producing activity are warranted for a period of ninety (90) days. Only a person who has proof of purchase of the GLM product will receive warranty service.
2. GLM does not warrant or make any representations in respect to installation errors made by a servicing dealer, servicing mechanic, or the individual. This warranty applies to defects in material and workmanship only; it does not apply to the following: alteration, removal of parts, adjustments, tune-ups, normal wear, damages due to accident, improper installation or service, misuse, neglect, lack of maintenance, use of any accessory or part not manufactured or sold by GLM, operation with fuels, oils, or lubricants which are not suitable for use with the product, water entering engine cylinder through exhaust system or carburetor, participation in or preparing for racing or other competitive activity or operating with a racing type lower unit. GLM's liability under this warranty shall be terminated on any part damaged by flood, fire, storm, or other natural acts or where the model number and other identification has been altered, defaced or removed.
3. GLM will not be liable for any labor charges and incidental, consequential (such as loss of business), special or indirect damages resulting from the product or caused by the defect or reasonable delay in correcting the defect are not covered under the warranty.
4. GLM reserves the right to inspect and determine whether or not any part has failed due to a defect in material or workmanship. **Do not disassemble any parts including drive units that have been assembled by GLM. GLM's obligation shall be limited to repairing, replacing or crediting the product determined to be defective, at GLM's sole discretion:** GLM reserves the right to credit refund your purchase price for the product rather than repair or replace the product, or any part thereof. Any part is covered only for the original warranty period. Once the warranty on the product has expired, the warranty on any replaced or repaired part also expires. GLM shall be allowed to keep parts it deems defective under this warranty.
5. **ALL WARRANTIES BY AND FROM GLM, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY FOR THE PRODUCT INVOLVED. GLM DOES NOT WARRANT, GUARANTEE OR MAKE ANY REPRESENTATIONS REGARDING THE USE OR THE RESULTS OF THE USE OF THE PRODUCT IN TERMS OF ITS CORRECTNESS, RELIABILITY OR OTHERWISE. THE ENTIRE RISK AS TO THE RESULT AND PERFORMANCE OF THE PRODUCT IS ASSUMED BY YOU. IN NO EVENT WILL GLM, OR ITS RESPECTIVE DIRECTORS, OFFICERS, EMPLOYEES OR AGENTS (COLLECTIVELY, "GLM") BE LIABLE TO YOU FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL OR INDIRECT DAMAGES (INCLUDING DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION, LOSS OF BUSINESS INFORMATION AND THE LIKE) ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT.** GLM's liability to you for actual damages from any cause whatsoever, and regardless of the form of the action (whether in contract, tort (including negligence), product liability or otherwise), will be limited to the purchase price paid for the product. No GLM dealer, agent or employee is authorized to make any modification or extension to this warranty. Because some states do not allow the exclusion of implied warranties and/or the exclusion or limitation of liability for consequential or incidental damages, the above limitations may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.
6. You are required to notify GLM of any defect within the applicable warranty period and immediately obtain from GLM or its distributor a warranty application and a GLM RGA number. Upon GLM's receipt of the completed warranty application and part claimed under this warranty (with the GLM RGA number marked on the shipping and packaging of the part), GLM will inspect the part for warranty coverage. Only when the defect is covered by the warranty will the part be repaired or replaced, at GLM's sole option. If warranty service is required, you must deliver your product, at your expense, with proof-of-purchase (including original purchase invoice and invoice for installation of warranted part) to GLM for repair. Service is provided by GLM at its corporate headquarters at 705 Los Angeles Avenue, Monrovia, California 91016, Tel: (626) 357-0077, Fax: (626) 357-0600. When repair is completed, GLM will ship back to its indicated address. Shipping methods will be determined by GLM.
7. This warranty comprises the sole and entire warranty pertaining to the product furnished to you by GLM, and GLM makes no other warranty, guarantee or representation of any kind whatsoever pertaining to the product. Any other representations, or promises by any person are unauthorized and are not binding upon GLM unless in writing.

# Warranty Service Procedure

1. GLM will directly and promptly approve and honor legitimate warranty claims on product only under the condition that the claim is made through a servicing Dealer. **\*\*Do not disassemble any parts including drive units that have been assembled by GLM.\*\***
2. GLM will credit or reimburse the Dealer for qualified warranty claims submitted that comply to GLM identified warranty policies.

ANY CLAIM UNDER GLM'S WARRANTY (Please see Limited Warranty of GLM Products) SHALL BE IN WRITING TO GLM PRODUCTS, INC. WITHIN THE WARRANTY PERIOD. TO ASSURE FAST AND EFFICIENT SERVICE PLEASE SHIP ALL WARRANTY PART(S) AND DOCUMENTATION DIRECTLY TO GLM. ALL WARRANTY CLAIM PRODUCTS MUST BE SHIPPED FREIGHT PREPAID TO GLM FOR WARRANTY INSPECTION. (FREIGHT CHARGES WILL BE REIMBURSED ONLY UPON APPROVAL ON WARRANTY)

1. All returns must have a GLM "RGA #" assigned (contact GLM directly for the "Return Goods Authorization #"). It is imperative to indicate this number on outside of all boxes and included on all submitted documentation. No returns will be accepted without an RGA #.
2. All returns must accompany a copy of the completed warranty application. (Application is available at [www.glmmarine.com](http://www.glmmarine.com), in the back of each GLM's catalog or through your GLM distributor.)
3. **ALL** parts involved in the claim.
4. Copy of invoices as follows:
  - Original purchase invoice from distributor.
  - Original invoice for installation of warranted parts.
  - Proposed invoice/ work-order to GLM, if any, for warranty claim.NOTE: GLM complies with OEM standard flat hours and rates.  
Copies of all invoices for items in above proposed invoice.

**Send parcel(s) to:**

**GLM Products, Inc. - Warranty  
705 Los Angeles Avenue  
Monrovia, CA 91016  
RGA#**



# GLM Products, Inc.

## Warranty Claim Application

**Note:** Please fill out all information and send all requested material. Failure to complete this form and supply all requested material will delay your claim. Do not disassemble units that were assembled by GLM. Other applications that used only GLM parts should have just the parts returned to GLM not the complete unit.

RGA # \_\_\_\_\_  
Date Called: \_\_\_\_\_  
Caller Name: \_\_\_\_\_  
Company Name: \_\_\_\_\_

Contact GLM at 626/357-0077 for a Returned Goods Authorization #. All returned goods **must** have an RGA # marked on package (s) or they will be refused. No exceptions.

**Ship to: GLM Products, Inc.**  
**705 Los Angeles Avenue**  
**Monrovia, CA 91016**

### Distributor Information:

Company: \_\_\_\_\_ Contact: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_

### Dealer Information:

Company: \_\_\_\_\_ Address: \_\_\_\_\_ City: \_\_\_\_\_  
State: \_\_\_\_\_ Zip: \_\_\_\_\_ Tel: \_\_\_\_\_ Fax: \_\_\_\_\_ Contact: \_\_\_\_\_

### Dealer Customer Information:

Name: \_\_\_\_\_ Address: \_\_\_\_\_ City: \_\_\_\_\_  
State: \_\_\_\_\_ Zip: \_\_\_\_\_ Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

### Application Details:

Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Year: \_\_\_\_\_  
Length: \_\_\_\_\_ Beam: \_\_\_\_\_ Engine / Drive: \_\_\_\_\_ Horse Power: \_\_\_\_\_

List any modifications to boat or drive system that were not installed by the original manufacturer:

**Details of Return:** Please list all item (s) being returned and describe detailed reason for warranty claim.

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If you need more space for this description please continue on a blank sheet of paper.

**Documentation and other items required to process warranty:** Please make sure that all items listed are sent with this application. Failure to do so will delay processing this claim.

1. All parts claimed and listed on this application. This is **all parts** being claimed regardless of manufacturer.
2. Copy of invoices as follows:
  - A. Original purchase invoice from Distributor.
  - B. Proposed invoice to GLM from the Dealer for repairs.
  - C. Invoice for installation of warranted parts.
  - D. Invoices for any other items being claimed

**Note:** GLM reserves the right to credit the Dealer, via the Distributor, for all GLM products involved in this claim.



# GLM MANIFOLD CATALOG



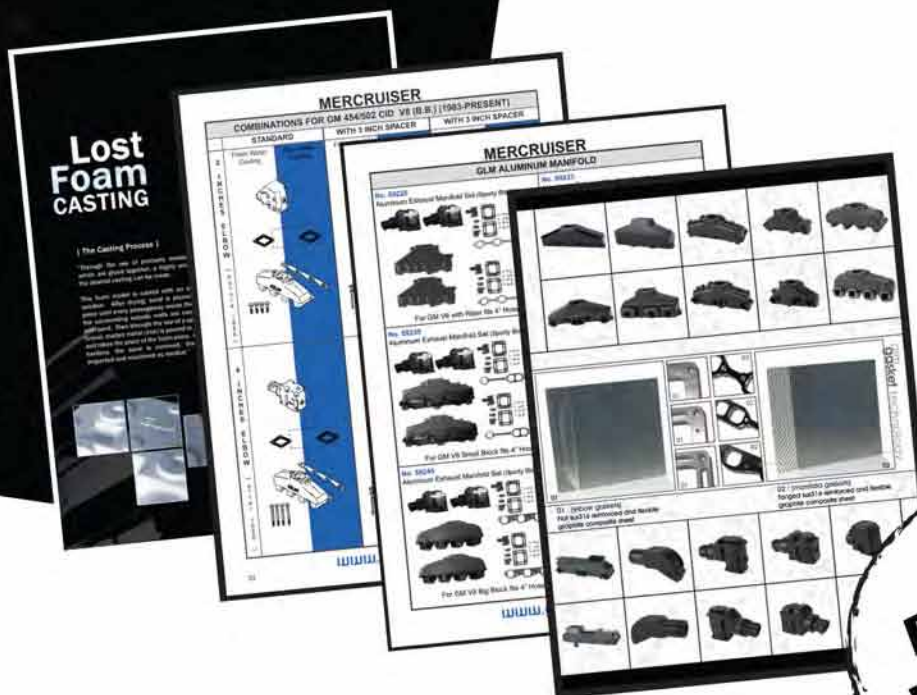
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**[www.glmmarine.com](http://www.glmmarine.com)**



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-  **Johnson/Evinrude**
-  **Mercury/Mariner/Force**
-  **Yamaha** (Suzuki, Honda, Tohatsu, Nissan)

For catalog availability, visit us on the web at:  
[www.glmmarine.com](http://www.glmmarine.com)



**Manifold Catalog**

**\$4.00 USD**  
GMA06V1

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