



**Yamaha®**

(Suzuki / Honda / Tohatsu / Nissan)



GLM is committed to producing the highest quality and most efficient aftermarket marine products in the industry. At GLM, we use only the highest quality materials and most advanced technology for our product line, enabling us to produce the most reliable and compatible products for the marine aftermarket parts industry.

GLM offers an exciting line of exceptional products, which are brand new from factory and compatible and interchangeable with OEM application. Our in-house design and engineering teams enable us to make improvements on original OEM materials and designs. At GLM, we strive to include all new advancements, improvements, and superior materials with the ever-changing world of technology.

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At GLM, we deliver the highest quality and most complete line of aftermarket marine parts worldwide.

**GLM**  
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Quality replacement parts catalogs for:

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**Manifold Catalog**

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# WATER/FUEL SEPARATOR KIT TRANSLUCENT RED

**NEW!**

**NEW PACKAGING!**

**12** per carton



|              | STAINLESS STEEL |        |        |        | ST STL RED |        | DIE CAST ALUMINUM |        |        |        |
|--------------|-----------------|--------|--------|--------|------------|--------|-------------------|--------|--------|--------|
| GLM No.      | 24956           | 24957  | 24958  | 24959  | 24960      | 24962  | 24950             | 24952  | 24953  | 24954  |
| Mounts       | 20              | 10     | 20     | 10     | 20         | 20     | 20                | 10     | 20     | 10     |
| WATER PICKUP | 1/4"            | 1/4"   | 3/8"   | 3/8"   | 1/4"       | 3/8"   | 1/4"              | 1/4"   | 3/8"   | 3/8"   |
| Flow         | 50 GPH          | 50 GPH | 75 GPH | 75 GPH | 50 GPH     | 75 GPH | 50 GPH            | 50 GPH | 75 GPH | 75 GPH |

Hang, Stand, Stack  
or Pack with the  
most Versatile  
Packaging in  
the industry!

## ELIMINATE FUEL STARVATION WITH THE NEW GLM LOW-PICKUP WATER/FUEL SEPARATOR MOUNTING BRACKET!

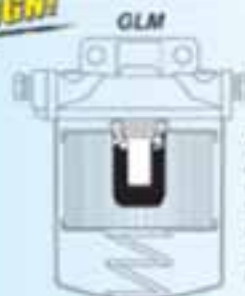
Engine compartment temperatures can soar on hot summer days creating high gasoline temperatures. High temperatures and agitation caused by rough seas can aerate the gasoline in the water/fuel separator filter turning it into foam. A fuel pump can't pull aerated gasoline from the water/fuel separator 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 pickup extending deeper into the filter. Through extensive research and testing, GLM engineers have found the optimum location for the fuel pickup. 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 pickup is found only 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!

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

**NEW DESIGN!**



New design prevents air from entering the carburetor system

GLM

CONVENTIONAL



Air molecules rise to top and into the carburetor system

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# INLINE FUEL FILTERS

## GLM's PLASTIC INLINE FUEL FILTERS



High  
Frequency  
Weld

Filter Shell  
made of  
**100% Nylon**  
by DuPont

Translucent material  
for determining when  
filter is in need of a  
replacement.

Properties:

- **Very Good** Heat Resistance
- **Excellent** Chemical Resistance
- **Excellent** Wear Resistance

**SEFAR**  
Swiss-Made  
Filter Element

1.5 Sq. in. Filtration



**NEW PACKAGING!**

Brisk Packaging  
for Easy Opening



**No. 40135**

OEM: 435918

For  $\phi$  5/16" In -  $\phi$  3/8" Out



**No. 40145**

OEM: 35-816296Q03

For  $\phi$  1/4" Hose



**No. 40155**

OEM: 35-816296Q2

For  $\phi$  5/16" Hose



**No. 40165**

OEM: N/A

For  $\phi$  3/8" Hose

## 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 inline fuel filters.

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



Swiss-Made  
Filter Element

**No. 40140**

OEM: N/A

For  $\phi$  1/4" Hose

**No. 40150**

OEM: N/A

For  $\phi$  5/16" Hose

**No. 40160**

OEM: N/A

For  $\phi$  3/8" Hose

## REPLACEMENT FILTERS

**No. 40000**

REPLACEMENT FILTER

OEM: N/A

For use with:

No. 40140

No. 40150

No. 40160



Swiss-Made  
Filter Element

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**Yamaha | Suzuki | Honda | Tohatsu | Nissan**

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**Yamaha | Suzuki | Honda | Tohatsu | Nissan**

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**Yamaha | Suzuki | Honda | Tohatsu | Nissan**

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**Yamaha | Suzuki | Honda | Tohatsu | Nissan**

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**Yamaha | Suzuki | Honda | Tohatsu | Nissan**

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# Section 1

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## Yamaha Suzuki / Honda / Tohatsu / Nissan Gearcase Exploded Views

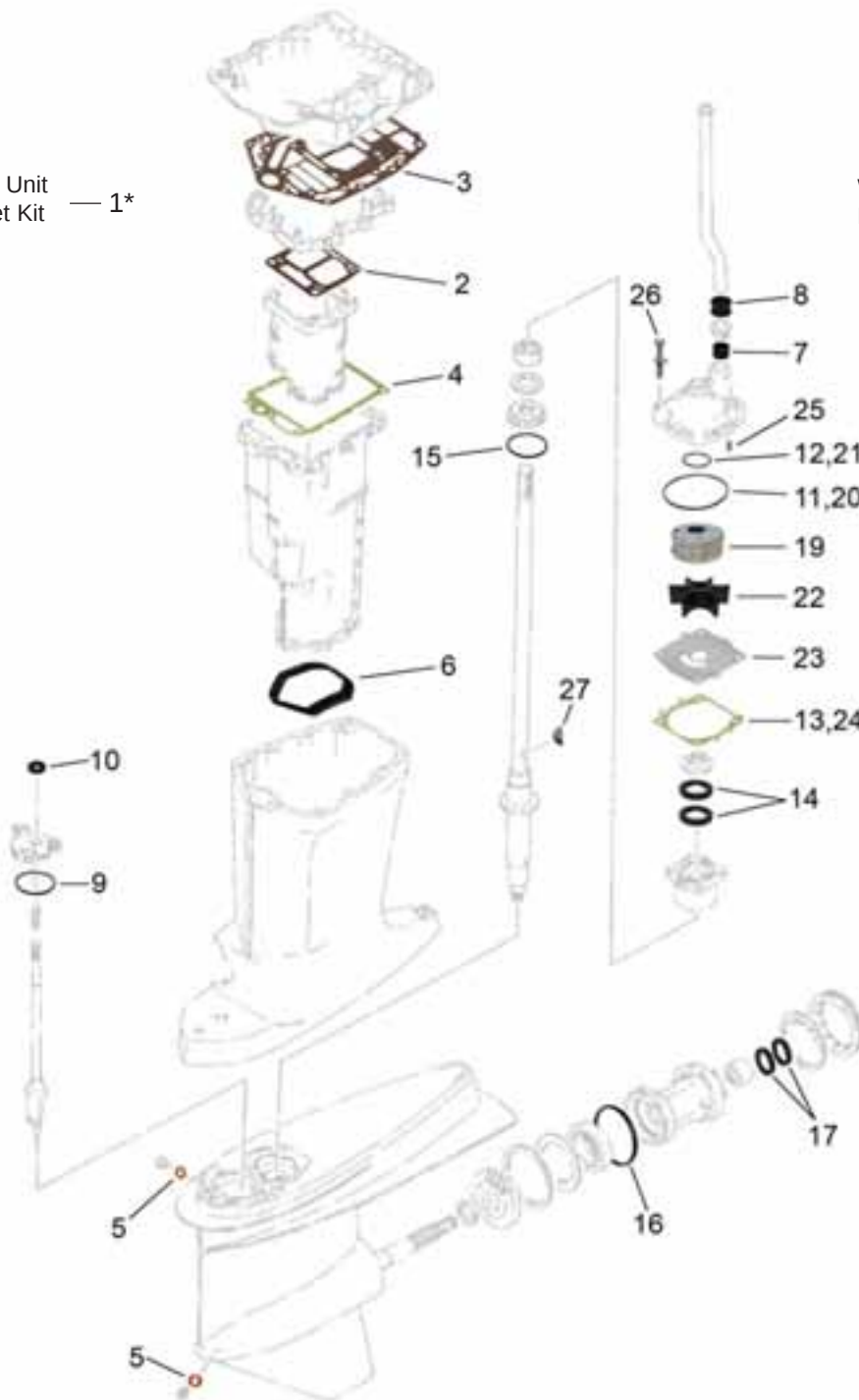
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## YAMAHA GEARCASE COMPONENTS - 75-225HP V4 & V6

For Models: S-75HP (1996), C-150HP (1996, 1998-99), L-150HP (1992-99), P-150HP (1992-99), S-150HP (1996-99), V-150HP (2000-05), PW-150HP (1998), LX-150HP (1999-01), PX-150HP (1999), SX-150HP (1999-04), VX-150HP (2000-04), Z-150HP (2000-05), LZ-150HP (2000-05), VZ-150HP (2000-05), P-175HP (1994-99), S-175HP (1996-99), V-175HP (2000), Z-175HP (2001-05), VZ-175HP (2001-05), L-200HP (1986-99), P-200HP (1991-99), S-200HP (1996-99), LX-200HP (1999-01), SX-200HP (1999-05), LZ-200HP (2000-05), Z-200HP (2000-05), VZ-200HP (2001-04), 75HP (1996), 175HP (1985-95, 1997), 200HP (1984-98), 225HP (1992-93, 1997)

Lower Unit  
Gasket Kit — 1\*

Water Pump  
Repair Kit — 18\*\*



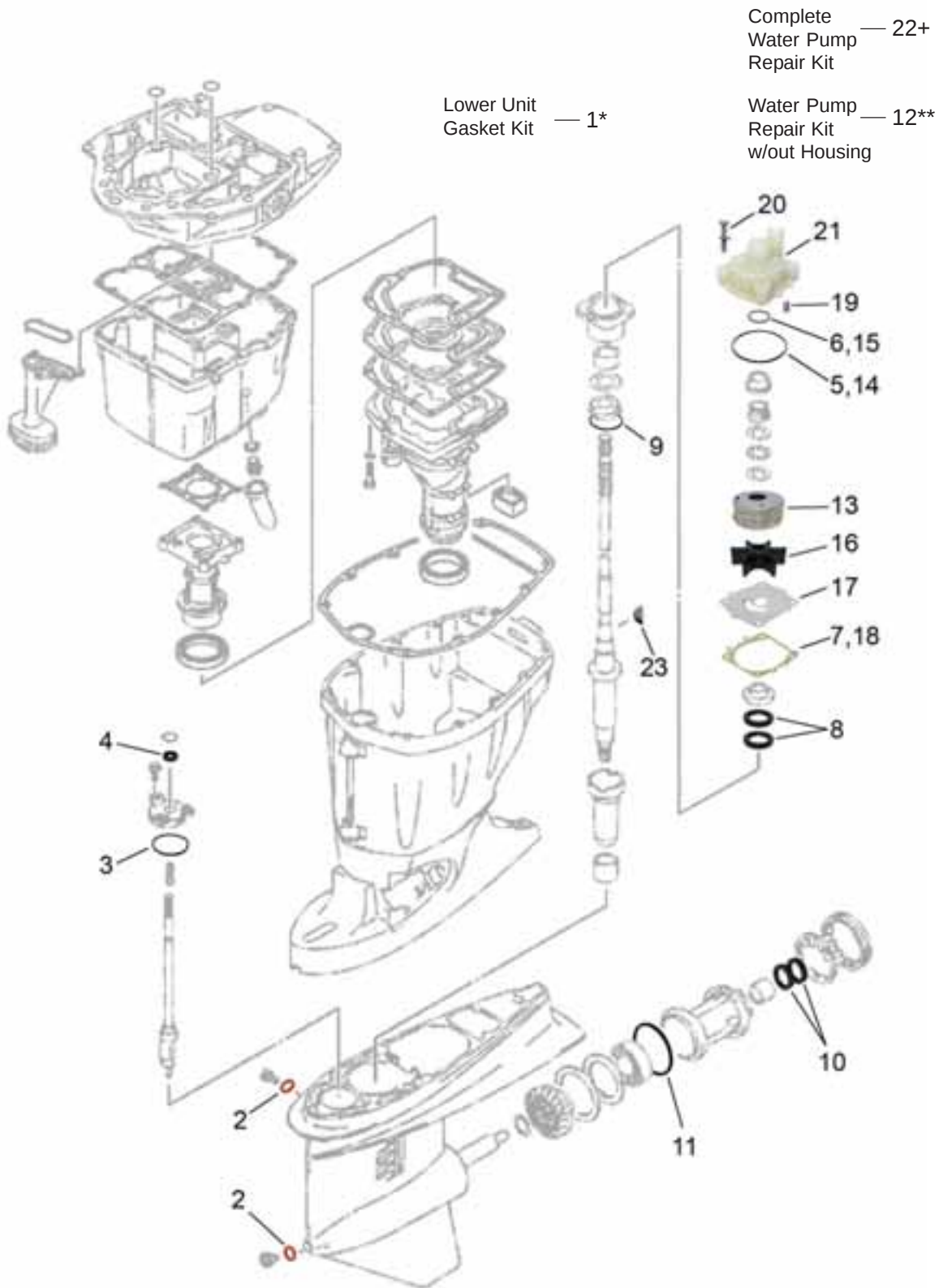
# Yamaha / Suzuki / Honda / Tohatsu / Nissan

## YAMAHA GEARCASE COMPONENTS - 75-225HP V4 & V6

[illegible]

## YAMAHA GEARCASE COMPONENTS - F-115HP & LF-115HP V4

For Models: F-115HP (2004-05), LF-115HP (2004-05)



# Yamaha / Suzuki / Honda / Tohatsu / Nissan

## YAMAHA GEARCASE COMPONENTS - F-115HP & LF-115HP V4

[illegible]

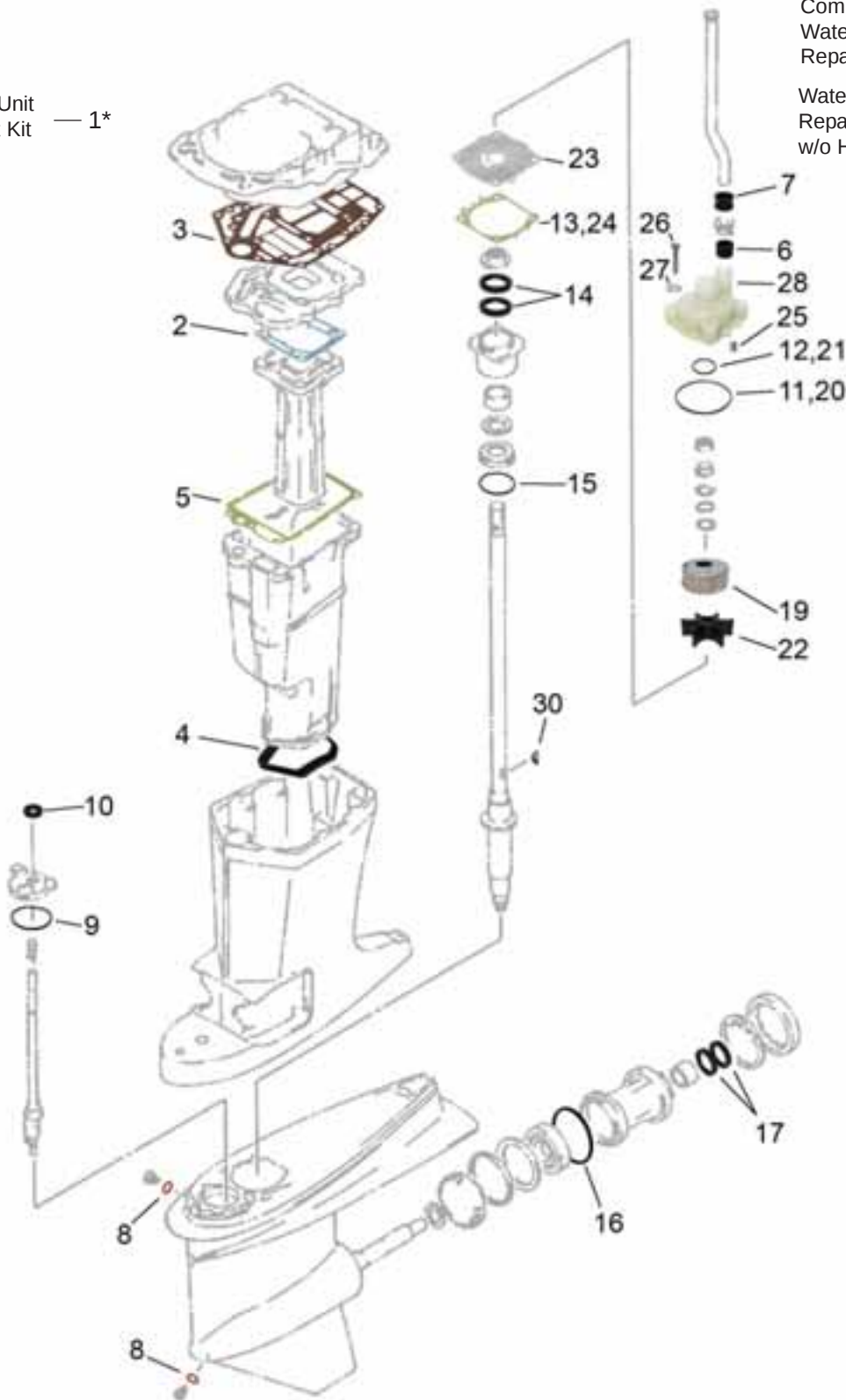
## YAMAHA GEARCASE COMPONENTS - 115HP - 130HP V4

For Models: 115HP (1994-96), C-115HP (1994-96), P-115HP (1996), S-115HP (1996), S-130HP (1996)

Lower Unit  
Gasket Kit — 1\*

Complete  
Water Pump — 29+  
Repair Kit

Water Pump  
Repair Kit — 18\*\*  
w/o Housing



# Yamaha / Suzuki / Honda / Tohatsu / Nissan

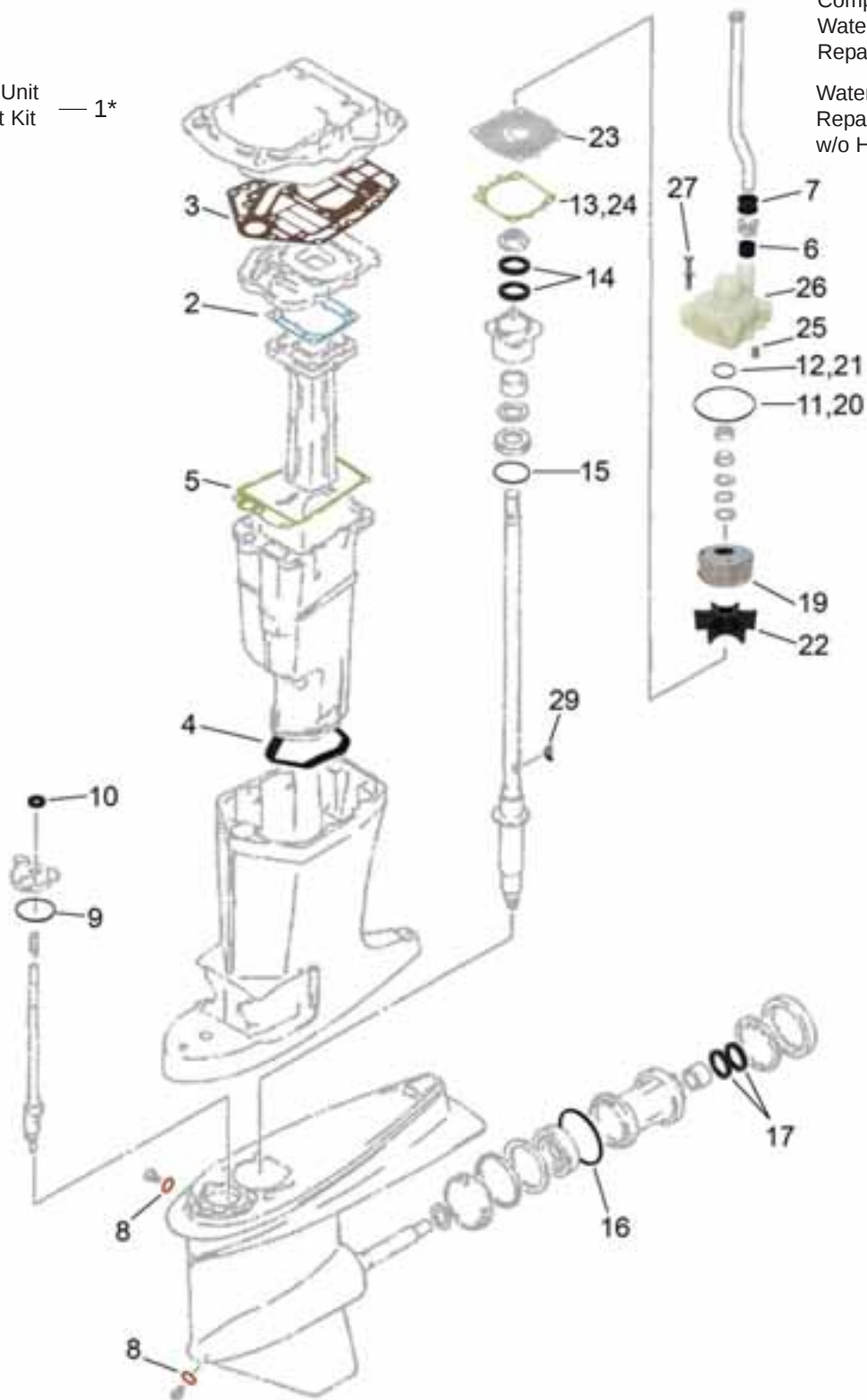
## YAMAHA GEARCASE COMPONENTS - 115HP - 130HP V4

[illegible]

## YAMAHA GEARCASE COMPONENTS - 115HP - 130HP V4

For Models: 115HP (1997-05), C-115HP (1997-00), S-115HP (1997-99), S-130HP (1997-98)

Lower Unit  
Gasket Kit — 1\*



Complete  
Water Pump — 28+  
Repair Kit

Water Pump  
Repair Kit — 18\*\*  
w/o Housing

# Yamaha / Suzuki / Honda / Tohatsu / Nissan

## YAMAHA GEARCASE COMPONENTS - 115HP - 130HP V4

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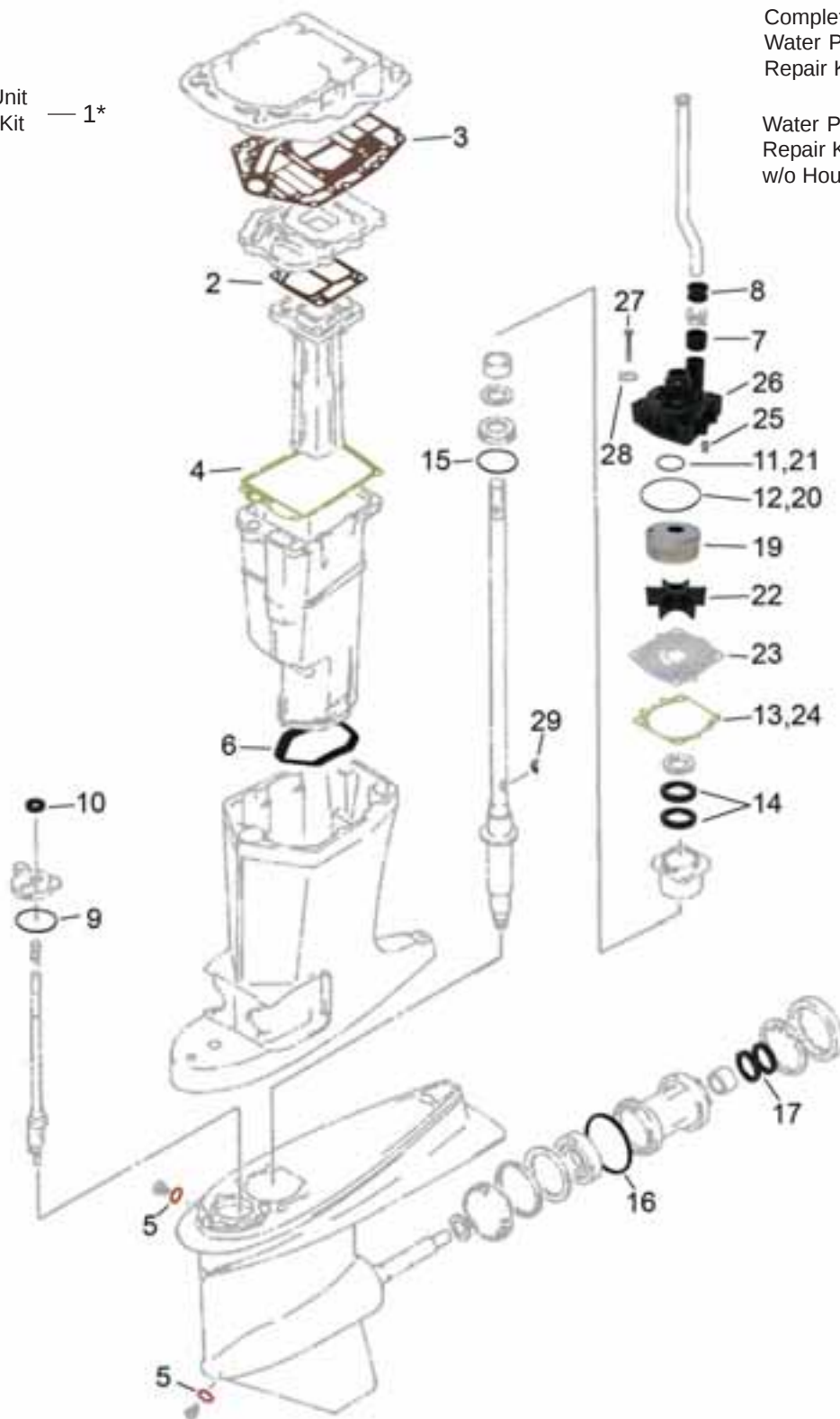
## YAMAHA GEARCASE COMPONENTS - 130HP & L-130HP V4

For Models: 130HP (1988), L-130HP (1989-92)

Lower Unit  
Gasket Kit — 1\*

Complete  
Water Pump — 30+  
Repair Kit

Water Pump  
Repair Kit — 18\*\*  
w/o Housing



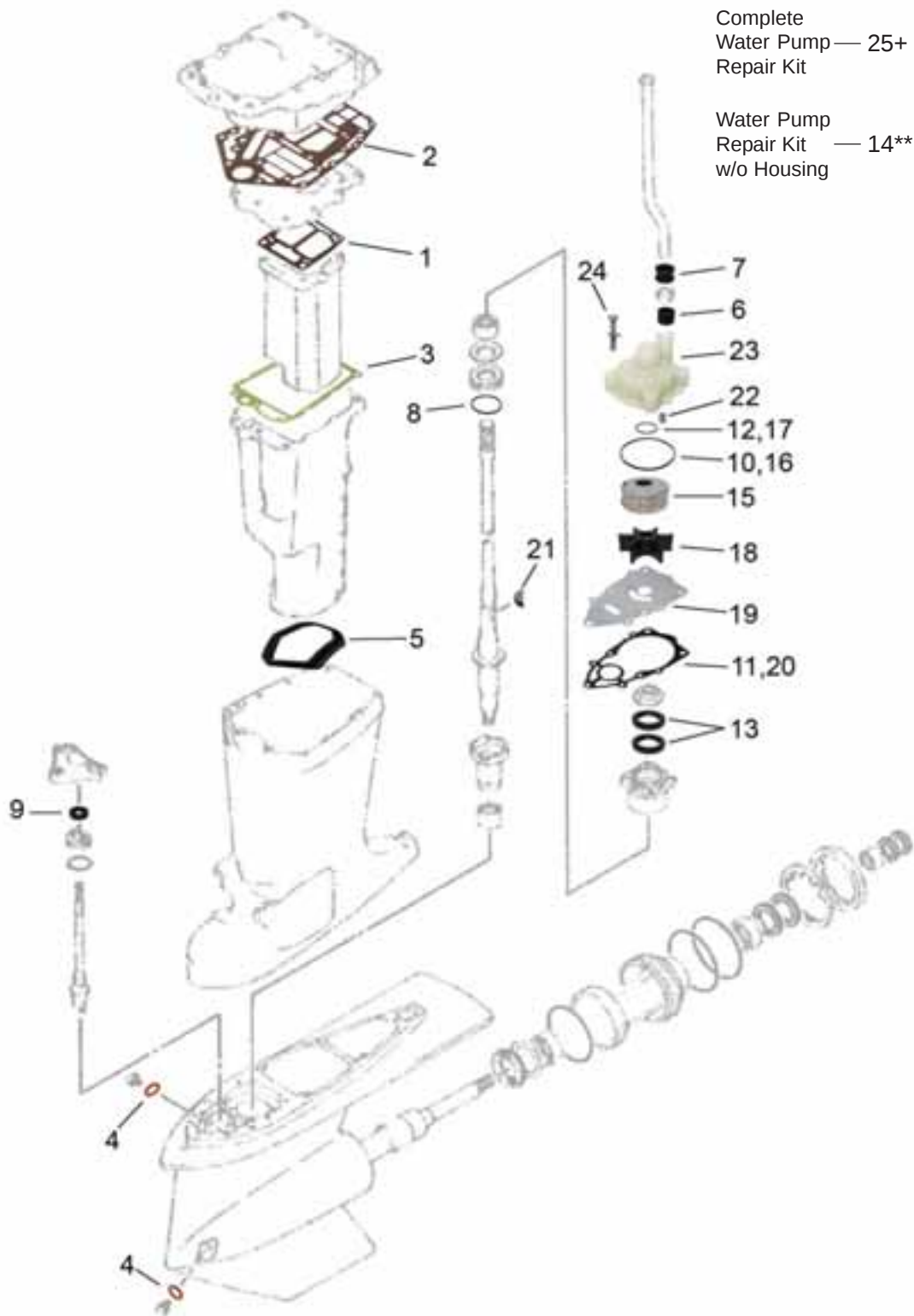
# Yamaha / Suzuki / Honda / Tohatsu / Nissan

## YAMAHA GEARCASE COMPONENTS - 130HP & L-130HP V4

[illegible]

## YAMAHA GEARCASE COMPONENTS - D-150HP - DX-150HP V6

For Models: D-150HP (1997-99), DX-150HP (1999-05)



# Yamaha / Suzuki / Honda / Tohatsu / Nissan

## YAMAHA GEARCASE COMPONENTS - D-150HP - DX-150HP V6

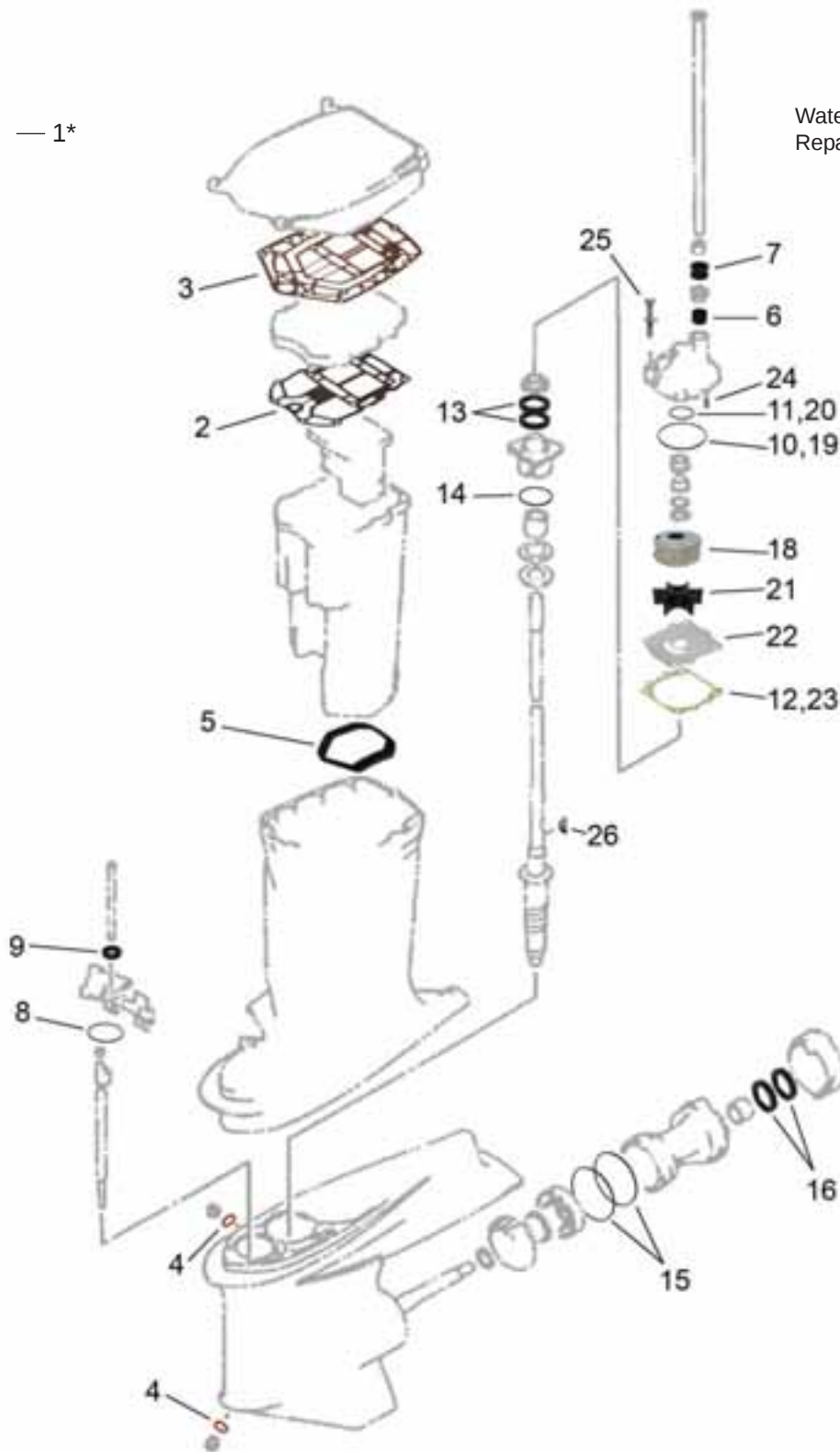
| GLM No.                 | Ref No. | OEM No.                           | Description                                      |
|-------------------------|---------|-----------------------------------|--------------------------------------------------|
| 38026                   | 1       | 6G5-41134-A1-00                   | Gasket, Exhaust Manifold                         |
| 38027                   | 2       | 6G5-45114-A1-00                   | Gasket, Upper Casing                             |
| 38028                   | 3       | 6E5-41135-A0-00                   | Gasket, Exhaust Manifold                         |
| 38015                   | 4       | 90430-08020-00                    | Gasket                                           |
| 38029                   | 5       | 6E5-45123-00-00                   | Gasket, Muffler                                  |
| 38300                   | 6       | 6E5-44365-00-00                   | Damper, Water Seal                               |
| 38301                   | 7       | 6E5-44366-00-00                   | Damper, Water Seal                               |
| 84215                   | 8       | 93210-55M14-00                    | O-ring                                           |
| 85223                   | 9       | 93106-09014-00                    | Oil Seal                                         |
| 84295                   | 10      | 93210-86M38-00                    | O-ring                                           |
| 38007                   | 11      | 65N-44315-A0-00                   | Gasket, Water Pump                               |
| 84300                   | 12      | 93210-37160-00                    | O-ring                                           |
| 85222                   | 13      | 93101-28M16-00                    | Oil Seal                                         |
| 12075                   | 14**+   | 65N-W0078-A1-00                   | Water Pump Repair Kit   (see Section 3 pg. 48)   |
| 12870                   | 15**+   | 61A-44322-02-00                   | Insert, Cartridge                                |
| 84295                   | 16**+   | 93210-86M38-00                    | O-ring                                           |
| 84300                   | 17**+   | 93210-37160-00                    | O-ring                                           |
| 89930                   | 18**+   | 6E5-44352-01-00                   | Impeller                                         |
| 12521                   | 19**+   | 65N-44323-00-00                   | Outer Plate, Cartridge                           |
| 38007                   | 20**+   | 65N-44315-A0-00                   | Gasket, Water Pump                               |
| 89588                   | 21**+   | 90280-04M05-00                    | Key, Woodruff                                    |
| 12808                   | 22**+   | 93606-12019-00                    | Pin, Dowel                                       |
| 12074                   | 23+     | 61A-44311-01-00                   | Water Pump Housing                               |
| 22504                   | 24**+   | 90119-08M14-00                    | Bolt With Washer                                 |
| 12298                   | 25+     | 65N-W0078-A1-00 + 61A-44311-00-00 | Complete Water Pump Kit   (see Section 3 pg. 48) |
|                         |         |                                   |                                                  |
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| ** Kit 12075 Components |         |                                   |                                                  |
| + Kit 12298 Components  |         |                                   |                                                  |

## YAMAHA GEARCASE COMPONENTS - 225HP & 250HP V6

For Models: 225HP (1994-96), L-225HP (1994-96), S-225HP (1996), 250HP (1990-92, 1994-95)

Lower Unit  
Gasket Kit — 1\*

Water Pump  
Repair Kit — 17\*\*



# Yamaha / Suzuki / Honda / Tohatsu / Nissan

## YAMAHA GEARCASE COMPONENTS - 225HP & 250HP V6

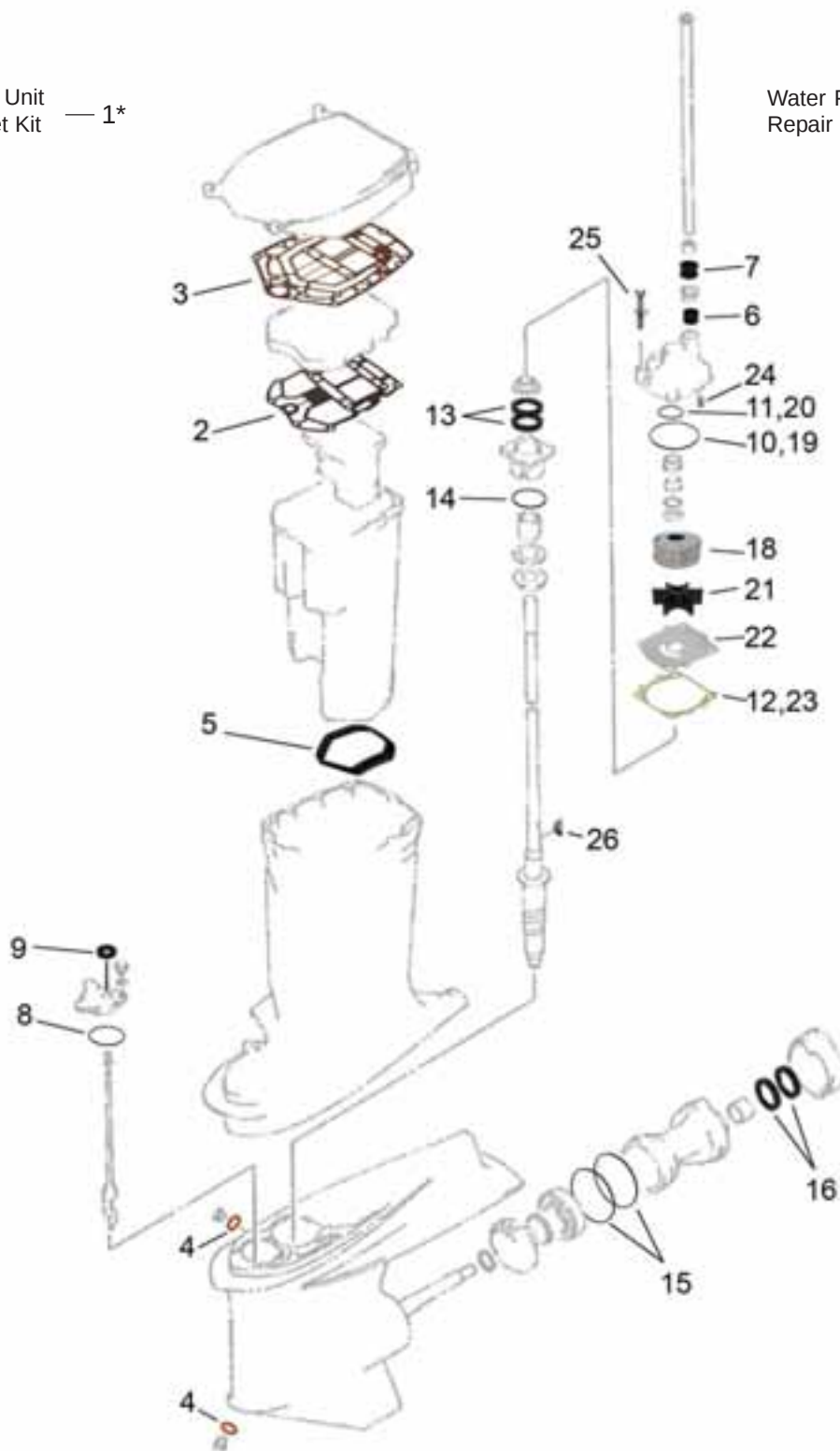
[illegible]

## YAMAHA GEARCASE COMPONENTS - L-225HP - SX-250HP V6

For Models: L-225HP (1997-99), S-225HP (1997-99), LX-225HP (2000-03), SX-225HP (2000-03),  
L-250HP (1990-99), S-250HP (1996-99), LX-250HP (2000-03), SX-250HP (2000-03)

Lower Unit  
Gasket Kit — 1\*

Water Pump  
Repair Kit — 17\*\*



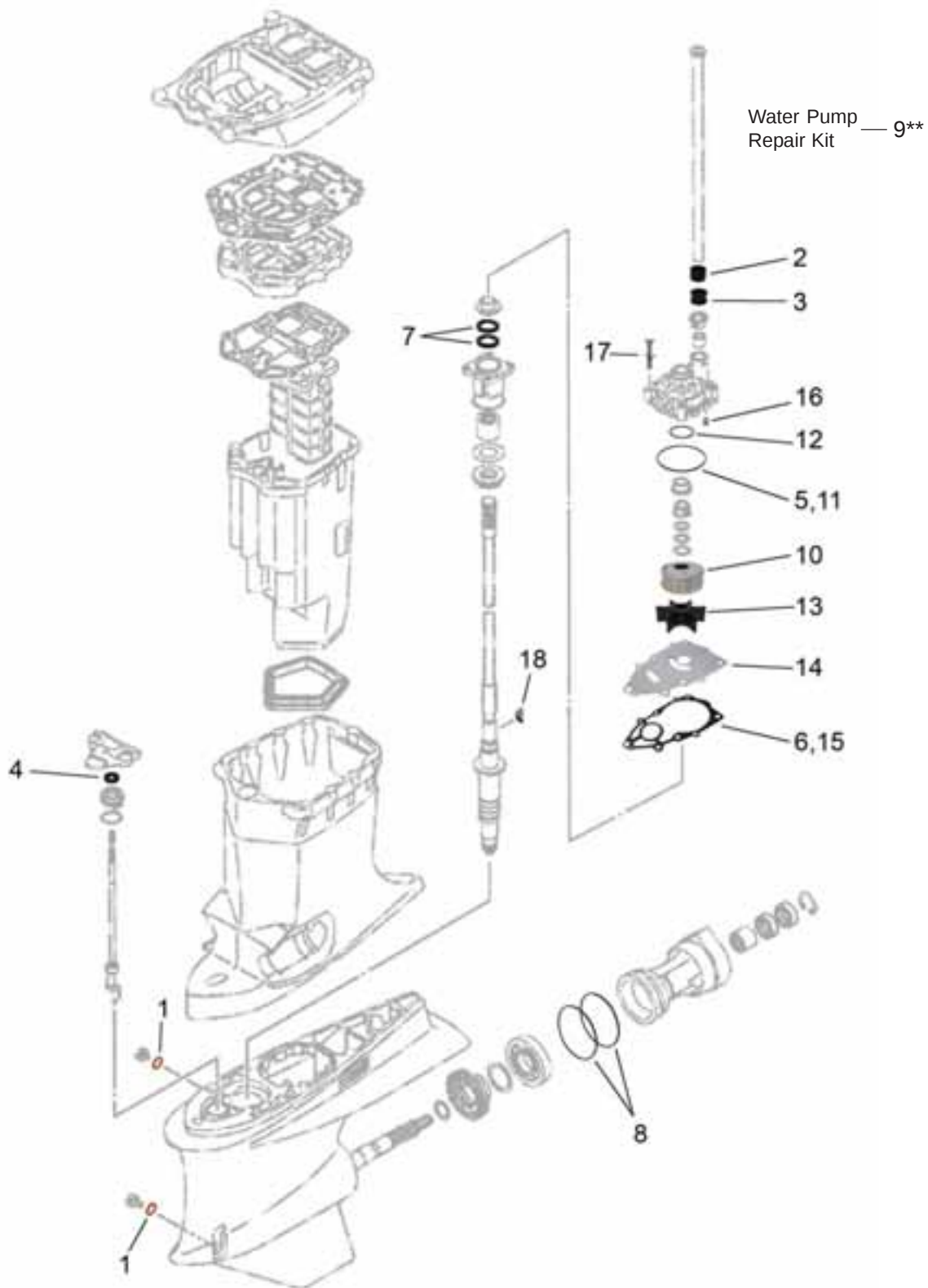
# Yamaha / Suzuki / Honda / Tohatsu / Nissan

## YAMAHA GEARCASE COMPONENTS - L-225HP - SX-250HP V6

[illegible]

## YAMAHA GEARCASE COMPONENTS - VZ-200HP - VZ-300HP V6

For Models: VZ-200HP (2005), VZ-225HP (2003-05), VZ-250HP (2003-05), VZ-300HP (2004-05)



# Yamaha / Suzuki / Honda / Tohatsu / Nissan

## YAMAHA GEARCASE COMPONENTS - VZ-200HP - VZ-300HP V6

[illegible]



## Section 2

### Yamaha Suzuki / Honda / Tohatsu / Nissan Gearcase Seal Kits

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## YAMAHA GEARCASE SEAL KITS - 9.9-30 HP

### No. 87826

GEARCASE SEAL KIT  
OEM: 6L2-W0001-C3

Fits Models:  
20HP (1996-97),  
25HP (1988-98, 2000, 2002-05)



### No. 87827

GEARCASE SEAL KIT  
OEM: 689-W0001-C2,  
689-W0001-23

For 689-W0001-C2  
Fits Models:  
C-30HP (1991-92),  
CV-25HP (1990),  
CV-30HP (1989-90)

For 689-W0001-23  
Fits Models:  
C-25HP (1991-97)



### No. 87829

GEARCASE SEAL KIT  
OEM: 67C-W0001-22

Fits Models:  
F-30HP (2001-05),  
F-40HP (2000-05),  
T-25HP (2001-05)



### No. 87833

GEARCASE SEAL KIT  
OEM: 6J8-W0001-C2

Fits Models:  
F-25HP (1999-01),  
30HP (1987, 1989-93,  
1996-99, 2001-02)



## YAMAHA GEARCASE SEAL KITS - 40-100 HP

### No. 87812

GEARCASE SEAL KIT  
OEM: 698-W0001-21,  
698-W0001-C0

For 698-W0001-21  
Fits Models:  
C-55HP (1991-95),  
E-48HP (1995, 1997-00)

For 698-W0001-C0  
Fits Models:  
CV-55HP (1989)



### No. 87834

GEARCASE SEAL KIT  
OEM: 63D-W0001-20

Fits Models:  
C-40HP (1998-02),  
C-50HP (1998-01),  
P-40HP (1998),  
P-50HP (1991-96),  
40HP (1984-85),  
50HP (1986-05)



### No. 87836

GEARCASE SEAL KIT  
OEM: 6H3-W0001-22,  
6H2-W0001-20

For 6H3-W0001-22  
Fits Models:  
C-60HP (1996-01),  
C-70HP (2000-01),  
E-60HP (1995-00),  
P-60HP (1991-99)

For 6H2-W0001-20  
Fits Models:  
60HP (2001-05),  
70HP (1984-05)



### No. 87837

GEARCASE SEAL KIT  
OEM: 688-W0001-C0,  
688-W0001-22

For 688-W0001-C0  
Fits Models:  
CV-85HP (1989-90)

For 688-W0001-22  
Fits Models:  
B-90HP (1998-99), C-75HP (1994-98),  
C-80HP (1997), C-85HP (1991-96),  
C-90HP (1997-01), E-75HP (1995-00),  
P-75HP (1996-99), 90HP (1984-05)



## YAMAHA GEARCASE SEAL KITS - V4 (115-130 HP)

### No. 87838

GEARCASE SEAL KIT

OEM: 6E5-W0001-F1,  
6E5-W0001-51

For 6E5-W0001-F1

Fits Models:

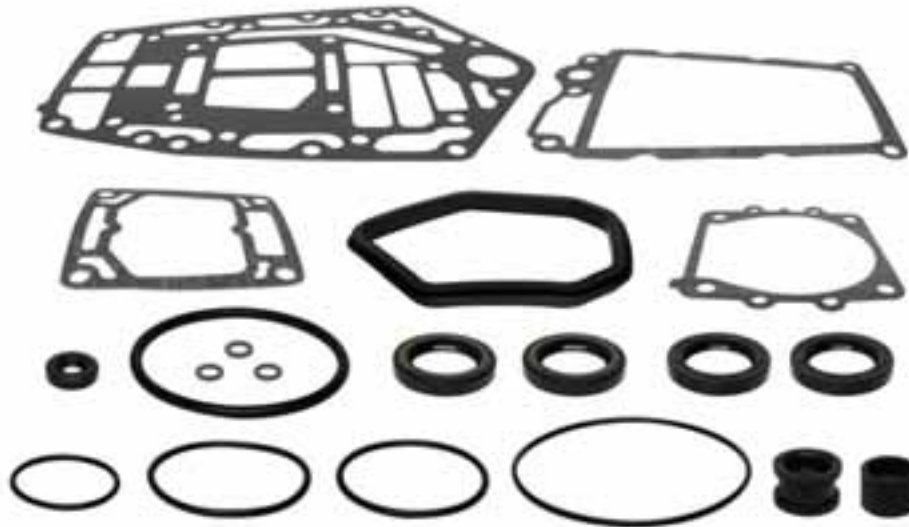
C-115HP (1996-00)

P-115HP (1996)

S-115HP (1996-99)

S-130HP (1997-98)

115HP (1986, 1994-05)



For 6E5-W0001-51

Fits Models:

C-115HP (1991-95)

P-115HP (1993-95)

Reference: Section 1 pgs. 6-9

### No. 87839

GEARCASE SEAL KIT

OEM: 6F5-W0001-C1

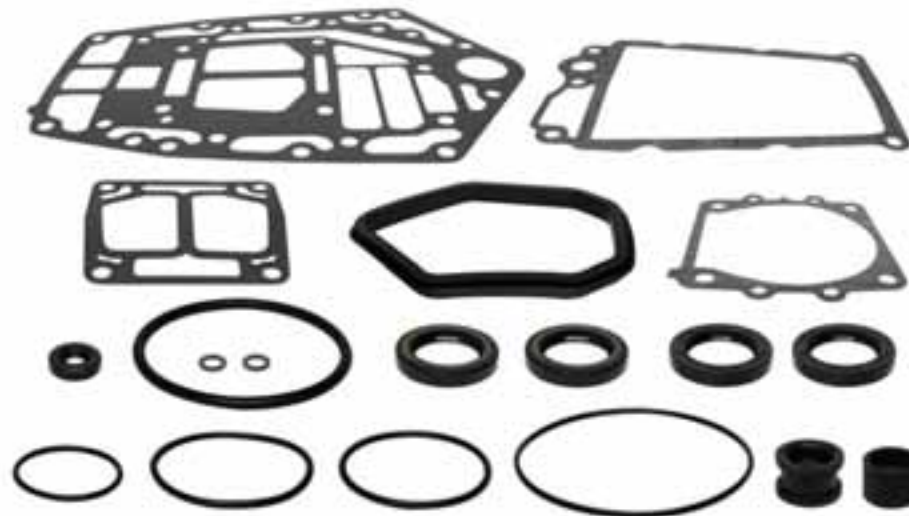
Fits Models:

C-130HP (1996)

L-130HP (1989, 1994-01)

S-130HP (1996, 1999)

130HP (1988, 1994-04)



Reference: Section 1 pgs. 10 & 11

## YAMAHA GEARCASE SEAL KITS - V6 (150-250 HP)

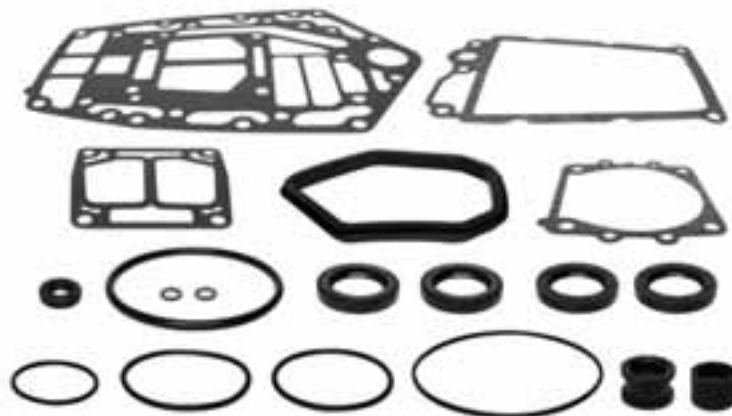
### No. 87841

GEARCASE SEAL KIT

OEM: 6G5-W0001-C1

Fits Models:

C-150HP (1996, 1998-99)  
L-150HP (1986-99), L-200HP (1986-99),  
LX-150HP (1999-01), LX-200HP (1999-01),  
LZ-150HP (2000-05), LZ-200HP (2000-05),  
P-150HP (1991-99), P-175HP (1994-99),  
P-200HP (1991-99), PW-150HP (1998),  
PX-150HP (1999), S-150HP (1996-99),  
S-175HP (1996-99), S-200HP (1996-99),  
S-75HP (1996), SX-150HP (1999-04),  
SX-200HP (1999-05), V-150HP (2000-05),  
V-175HP (2000), VX-150HP (2000-04),  
VZ-150HP (2000-05), VZ-175HP (1001-05),  
VZ-200HP (2001-04), Z-150HP (2000-05),  
Z-175HP (2001-05), Z-200HP (2000-05),  
150HP (1985-05), 175HP (1985-95, 1997)  
200HP (1984-98), 225HP (1990-93, 1997)



Reference: Section 1 pgs. 2 & 3

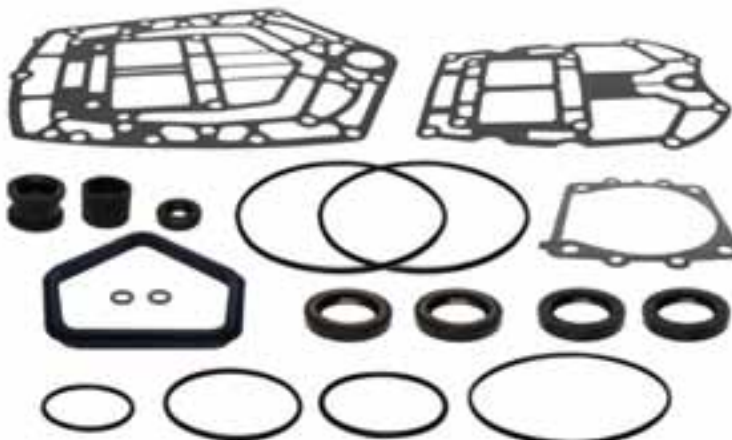
### No. 87842

GEARCASE SEAL KIT

OEM: 61A-W0001-C1

Fits Models:

L-225HP (1994-96),  
S-225HP (1996),  
225HP (1994-96),  
250HP (1990-92, 1994-95)



Reference: Section 1 pgs. 14 & 15

### No. 87828

GEARCASE SEAL KIT

OEM: 65L-W0001-C0

Fits Models:

L-225HP (1997-99),  
L-250HP (1990-99),  
LX-225HP (2000-03),  
LX-250HP (2000-03),  
S-225HP (1997-99),  
S-250HP (1996-99),  
SX-225HP (2000-03),  
SX-250HP (2000-03),



Reference: Section 1 pgs. 16 & 17

# Yamaha / Suzuki / Honda / Tohatsu / Nissan

## YAMAHA GEARCASE SEAL KIT APPLICATIONS

| Model / HP | Year(s)                 | Current Seal Kit | Model / HP   | Year(s)      | Current Seal Kit |
|------------|-------------------------|------------------|--------------|--------------|------------------|
| 20         | 96-97                   | 87826            | V6 Continued |              |                  |
| 25         | 88-98, 00, 02-05        | 87826            | 150          | 96-05        | 87841            |
| 25         | 99, 01                  | 87833            | C-150        | 96, 98-99    | 87841            |
| C-25       | 91-97                   | 87827            | L-150        | 86-95        | 87841            |
| CV-25      | 90                      | 87827            | L-150        | 96-99        | 87841            |
| T-25       | 01-05                   | 87829            | P-150        | 91-95        | 87841            |
| 30         | 87, 89-93, 96-99, 01-02 | 87833            | P-150        | 96-99        | 87841            |
| C-30       | 91-92                   | 87827            | S-150        | 96-99        | 87841            |
| CV-30      | 89-90                   | 87827            | V-150        | 00-05        | 87841            |
| F-30       | 01-05                   | 87829            | PW-150       | 98           | 87841            |
| 40         | 84-05                   | 87834            | LX-150       | 99-01        | 87841            |
| C-40       | 98-02                   | 87834            | PX-150       | 99           | 87841            |
| F-40       | 00-05                   | 87829            | SX-150       | 99-04        | 87841            |
| P-40       | 98                      | 87834            | VX-150       | 00-04        | 87841            |
| E-48       | 95, 97-00               | 87812            | Z-150        | 00-05        | 87841            |
| 50         | 86-05                   | 87834            | LZ-150       | 00-05        | 87841            |
| C-50       | 98-01                   | 87834            | VZ-150       | 00-05        | 87841            |
| P-50       | 91-96                   | 87834            | 175          | 85-95        | 87841            |
| C-55       | 91-95                   | 87812            | 175          | 97           | 87841            |
| C-60       | 96-01                   | 87836            | P-175        | 94-95        | 87841            |
| E-60       | 95-00                   | 87836            | P-175        | 96-99        | 87841            |
| P-60       | 91-99                   | 87836            | S-175        | 96-99        | 87841            |
| C-70       | 00-01                   | 87836            | V-175        | 00           | 87841            |
| C-75       | 94-98                   | 87837            | Z-175        | 01-05        | 87841            |
| E-75       | 95-00                   | 87837            | VZ-175       | 01-05        | 87841            |
| P-75       | 96-99                   | 87837            | 200          | 84-95        | 87841            |
| S-75       | 96                      | 87841            | 200          | 96-98        | 87841            |
| C-80       | 97                      | 87837            | L-200        | 86-95        | 87841            |
| C-85       | 91-96                   | 87837            | L-200        | 96-99        | 87841            |
| CV-85      | 89-90                   | 87837            | P-200        | 91-95        | 87841            |
| 90         | 84-05                   | 87837            | P-200        | 96-99        | 87841            |
| B-90       | 98-99                   | 87837            | S-200        | 96-99        | 87841            |
| C-90       | 97-01                   | 87837            | LX-200       | 99-01        | 87841            |
| V4         |                         |                  | SX-200       | 99-05        | 87841            |
| 115        | 86, 95                  | 87838            | LZ-200       | 00-05        | 87841            |
| 115        | 94-05                   | 87838            | Z-200        | 00-05        | 87841            |
| C-115      | 91-95                   | 87831            | VZ-200       | 01-04        | 87841            |
| C-115      | 96-00                   | 87838            | 225          | 90-93        | 87841            |
| P-115      | 93-95                   | 87831            | 225          | 94-96        | 87842            |
| P-115      | 96                      | 87838            | 225          | 97           | 87841            |
| S-115      | 96-99                   | 87838            | L-225        | 94-96        | 87842            |
| 130        | 88, 95                  | 87839            | L-225        | 97-99        | 87828            |
| 130        | 94-04                   | 87839            | S-225        | 96           | 87842            |
| C-130      | 96                      | 87839            | S-225        | 97-99        | 87828            |
| L-130      | 89, 95                  | 87839            | LX-225       | 00-03        | 87828            |
| L-130      | 94-01                   | 87839            | SX-225       | 00-03        | 87828            |
| S-130      | 97-98                   | 87838            | 250          | 90-92, 94-95 | 87842            |
| S-130      | 96, 99                  | 87839            | L-250        | 90-99        | 87828            |
| V6         |                         |                  | S-250        | 96-99        | 87828            |
| 150        | 88                      | 87841            | LX-250       | 00-03        | 87828            |
| 150        | 85-95                   | 87841            | SX-250       | 00-03        | 87828            |



## YAMAHA GEARCASE SEAL KIT COMPONENTS

### Damper - Water Seals

#### No. 12869

DAMPER, WATER SEAL  
OEM: 626-44365-01



#### No. 12875

DAMPER, WATER SEAL  
OEM: 663-44366-00



#### No. 38300

DAMPER, WATER SEAL  
OEM: 6E5-44365-00



#### No. 38301

DAMPER, WATER SEAL  
OEM: 6E5-44366-00



#### No. 38304

DAMPER, WATER SEAL  
OEM: 6L2-44367-00



#### No. 38305

DAMPER, WATER SEAL  
OEM: 689-44366-00



### Seals

#### No. 38302

SEAL  
OEM: 6H3-45127



#### No. 38303

SEAL  
OEM: 62Y-45127



### Gaskets

#### No. 38015

GASKET  
OEM: 90430-08020



#### No. 38022

GASKET  
OEM: 90430-14228



#### No. 38023

GASKET  
OEM: 62Y-13475-00



#### No. 38025

GASKET  
OEM: 90430-12072



## YAMAHA GEARCASE SEAL KIT COMPONENTS

### Gaskets - Cartridge

#### No. 38005

GASKET, CARTRIDGE  
OEM: 6H3-44324-A0



#### No. 38011

GASKET, CARTRIDGE  
OEM: 663-44324-A0



#### No. 38109

GASKET, CARTRIDGE  
OEM: 689-44324-A0



### Gaskets - Exhaust Manifold

#### No. 38019

GASKET, CARTRIDGE  
OEM: 67C-41133-00



#### No. 38017

GASKET, EXHAUST MANIFOLD  
OEM: 6H3-41134-A0



#### No. 38042

GASKET, EXHAUST MANIFOLD  
OEM: 664-41134-A0



#### No. 38026

GASKET, EXHAUST MANIFOLD  
OEM: 6G5-41134-A1



#### No. 38028

GASKET, EXHAUST MANIFOLD  
OEM: 6E5-41135-A0



#### No. 38030

GASKET, EXHAUST MANIFOLD  
OEM: 6E5-41134-A0



#### No. 38034

GASKET, EXHAUST MANIFOLD  
OEM: 688-41134-A0



#### No. 38040

GASKET, EXHAUST MANIFOLD  
OEM: 6L2-41134-00



#### No. 38035

GASKET, CARTRIDGE  
OEM: 688-41133-00



## YAMAHA GEARCASE SEAL KIT COMPONENTS

### Gaskets - Exhaust Manifold

#### No. 38012

GASKET, EXHAUST MANIFOLD  
OEM: 6D0-41134-00



#### No. 38020

GASKET, EXHAUST MANIFOLD  
OEM: 6BG-41134-00-00



### Gaskets - Muffler, Out Plate Cartridge & Lower Casing

#### No. 38014

GASKET, MUFFLER  
OEM: 61A-45123-01



#### No. 38018

GASKET, MUFFLER  
OEM: 63D-45123-00



#### No. 38021

GASKET, MUFFLER  
OEM: 67C-45123-00



#### No. 38029

GASKET, MUFFLER  
OEM: 6E5-45123-00



#### No. 38032

GASKET, MUFFLER  
OEM: 663-45123-00



#### No. 38036

GASKET, MUFFLER  
OEM: 688-45123-00



#### No. 38038

GASKET, MUFFLER  
OEM: 6H3-45123-00



#### No. 38003

GASKET, OUT PLATE CART.  
OEM: 688-44324-A0



#### No. 38041

PACKING, LOWER CASING  
OEM: 6L2-45315-A0



## YAMAHA GEARCASE SEAL KIT COMPONENTS

### Gaskets - Oil Pan & Upper Casing

#### No. 38024

GASKET, OIL PAN  
OEM: 69W-15312-00



#### No. 38013

GASKET, UPPER CASING  
OEM: 61A-45114-A0



#### No. 38016

GASKET, UPPER CASING  
OEM: 63D-45114-A0



#### No. 38027

GASKET, UPPER CASING  
OEM: 6G5-45114-A1



#### No. 38031

GASKET, UPPER CASING  
OEM: 697-45114-A0



#### No. 38033

GASKET, UPPER CASING  
OEM: 688-45114-A1



#### No. 38037

GASKET, UPPER CASING  
OEM: 6H3-45114-A1



#### No. 38039

GASKET, UPPER CASING  
OEM: 6J8-45114-A1



## YAMAHA GEARCASE SEAL KIT COMPONENTS

### Gaskets - Water Pump

#### No. 38000

GASKET, WATER PUMP  
OEM: 6E5-44315-A0



#### No. 38001

GASKET, WATER PUMP  
OEM: 688-44315-A0



#### No. 38002

GASKET, WATER PUMP  
OEM: 688-44316-A0



#### No. 38004

GASKET, WATER PUMP  
OEM: 6H3-44315-A0



#### No. 38007

GASKET, WATER PUMP  
OEM: 65N-44315-A0



#### No. 38008

GASKET, WATER PUMP  
OEM: 63D-44316-00



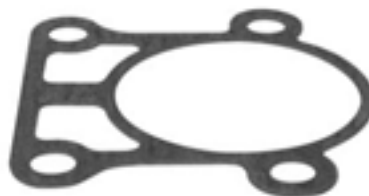
#### No. 38009

GASKET, WATER PUMP  
OEM: 689-44315-A0



#### No. 38010

GASKET, WATER PUMP  
OEM: 663-44316-A0



#### No. 38106

GASKET, WATER PUMP  
OEM: 663-44315-A0



#### No. 38107

GASKET, WATER PUMP  
OEM: 682-44315-A0



#### No. 38108

GASKET, WATER PUMP  
OEM: 689-44316-A0



## YAMAHA GEARCASE SEAL KIT COMPONENTS

### Oil Seals

#### No. 85221

OIL SEAL  
OEM: 93101-30M17



#### No. 85222

OIL SEAL  
OEM: 93101-28M16



#### No. 85223

OIL SEAL  
OEM: 93106-09014



#### No. 85224

OIL SEAL  
OEM: 93101-25M57



#### No. 85225

OIL SEAL  
OEM: 93101-22067



#### No. 85226

OIL SEAL  
OEM: 93110-16004



#### No. 85227

OIL SEAL  
OEM: 93101-22M60



#### No. 85228

OIL SEAL  
OEM: 93101-23070



#### No. 85229

OIL SEAL  
OEM: 93101-25M03



#### No. 85231

OIL SEAL  
OEM: 93101-20M07



#### No. 85232

OIL SEAL  
OEM: 93102-20484



## YAMAHA GEARCASE SEAL KIT COMPONENTS

### O-rings

#### No. 84200

O-RING  
OEM: 93210-33MG4



#### No. 84205

O-RING  
OEM: 93210-65752



#### No. 84210

O-RING  
OEM: 93211-04384



#### No. 84215

O-RING  
OEM: 93210-54534



#### No. 84220

O-RING  
OEM: 93210-48MG8



#### No. 84225

O-RING  
OEM: 93210-69MG6



#### No. 84230

O-RING  
OEM: 93210-74775



#### No. 84235

O-RING  
OEM: 93210-06ME6



#### No. 84240

O-RING  
OEM: 93210-58677



#### No. 84245

O-RING  
OEM: 93210-97M55



#### No. 84250

O-RING  
OEM: 93210-86M39



#### No. 84255

O-RING  
OEM: 93210-49046



## YAMAHA GEARCASE SEAL KIT COMPONENTS

### O-rings

#### No. 84260

O-RING  
OEM: 93210-41042



#### No. 84265

O-RING  
OEM: 93210-66M98



#### No. 84270

O-RING  
OEM: 93210-85M97



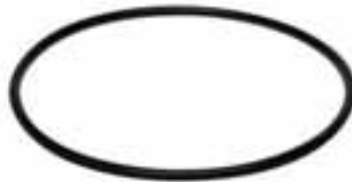
#### No. 84275

O-RING  
OEM: 93210-60MA3



#### No. 84280

O-RING  
OEM: 93210-60M99



#### No. 84285

O-RING  
OEM: 93210-40M10



#### No. 84290

O-RING  
OEM: 93210-46044



#### No. 84295

O-RING  
OEM: 93210-86M38



#### No. 84300

O-RING  
OEM: 93210-37M67



#### No. 84305

O-RING  
OEM: 93210-59MG7



#### No. 84310

O-RING  
OEM: 93210-45161



## Section 3

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### Yamaha Suzuki / Honda / Tohatsu / Nissan Water Pumps

|                                                                     |              |
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| <i>Yamaha Water Pump Impellers .....</i>                            | <i>36-37</i> |
| <i>Yamaha Water Pump Kits - 9.9-30 HP .....</i>                     | <i>38-44</i> |
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## YAMAHA WATER PUMP IMPELLERS

### No. 89870

IMPELLER  
OEM: 6G1-44352-00  
See Water Pumps  
Application Guide  
for Models



### \*No. N/A

KEY, HALF MOON  
OEM: 28-81912M

\*Order Separately

### No. 89860

IMPELLER  
OEM: 6E0-44352-00  
See Water Pumps  
Application Guide  
for Models



### \*No. N/A

KEY, PIN  
OEM: 17-82355M

\*Order Separately

### No. 89850

IMPELLER  
OEM: 646-44352-01  
See Water Pumps  
Application Guide  
for Models



### \*No. N/A

KEY, PIN  
OEM: 17-82355M

\*Order Separately

### No. 89660

IMPELLER  
OEM: 6F5-44352-00  
See Water Pumps  
Application Guide  
for Models



### \*No. 89595

KEY, WOODRUFF  
OEM: 90280-04M04-00

\*Order Separately

### No. 89619

IMPELLER  
OEM: 63V-44352-01  
See Water Pumps  
Application Guide  
for Models



### \*No. 89589

KEY, WOODRUFF  
OEM: 664-44338-00

\*Order Separately

### No. 89880

IMPELLER  
OEM: 682-44352-03  
See Water Pumps  
Application Guide  
for Models



### \*No. 89587

KEY, WOODRUFF  
OEM: 90280-03024

\*Order Separately

### No. 89622

IMPELLER  
OEM: 6L2-44352-00  
See Water Pumps  
Application Guide  
for Models



### \*No. 89587

KEY, WOODRUFF  
OEM: 90280-03024

\*Order Separately

## YAMAHA WATER PUMP IMPELLERS

### No. 89900

IMPELLER  
OEM: 6H4-44352-02-00  
See Water Pumps  
Application Guide  
for Models



### \*No. 89587

KEY, WOODRUFF  
OEM: 90280-03024

\*Order Separately

### No. 89890

IMPELLER  
OEM: 689-44352-02  
See Water Pumps  
Application Guide  
for Models



### \*No. 89589

KEY, WOODRUFF  
OEM: 664-44338-00

\*Order Separately

### No. 89910

IMPELLER  
OEM: 6H3-44352-00  
See Water Pumps  
Application Guide  
for Models



### \*No. 89599

KEY, WOODRUFF  
OEM: 90280-03M03-00

\*Order Separately

### No. 89920

IMPELLER  
OEM: 688-44352-03  
See Water Pumps  
Application Guide  
for Models



### \*No. 89595

KEY, WOODRUFF  
OEM: 90280-04M04-00

\*Order Separately

### No. 89624

IMPELLER  
OEM: 67F-44352-00  
See Water Pumps  
Application Guide  
for Models



### \*No. 89595

KEY, WOODRUFF  
OEM: 90280-04M04-00

\*Order Separately

### No. 89930

IMPELLER  
OEM: 6E5-44352-01-00  
See Water Pumps  
Application Guide  
for Models



### \*No. 89588

KEY, WOODRUFF  
OEM: 90280-04M05-00

\*Order Separately

## YAMAHA WATER PUMP KITS - 9.9-30 HP

### No. 12087

COMPLETE WATER PUMP KIT

OEM: 63V-W0078-01  
+ 63V-44301-00-00

### No. 12066

WATER PUMP KIT w/o HOUSING

OEM: 63V-W0078-01



Kits contain these items also available individually

### No. 22502

BOLT (4)

OEM: 97080-08045



### No. 89589

KEY, WOODRUFF

OEM: 664-44338-00



### No. 12865

DAMPER, WATER SEAL

OEM: 647-44366-00



### No. 12517

WEAR PLATE

OEM: 682-44323-00



### No. 12445

WATER PUMP HOUSING

OEM: 63V-44301-00-00



### No. 12809

PUMP CUP

OEM: 63V-44322-00



### No. 89619

IMPELLER

OEM: 63V-44352-01



Fits Models:

F-15HP (1998-05), F-9.9HP (2005), T-9.9HP (2005), 15HP (1996-04), 9.9HP (1996-05)

## YAMAHA WATER PUMP KITS - 9.9-30 HP

### No. 12278

WATER PUMP KIT  
w/o HOUSING w/ BOLTS  
OEM: 682-W0078-A1

### No. 12281

WATER PUMP KIT  
w/o HOUSING w/o BOLTS  
OEM: 682-W0078-A3-00



Kits contain these items also available individually

### No. 12877

DAMPER, WATER SEAL  
OEM: 682-44365-00



### No. 38107

GASKET, WATER PUMP  
OEM: 682-44315-A0



### No. 22428

BOLT (4)  
OEM: 97095-06040



### No. 12515

WEAR PLATE  
OEM: 682-44323-00



### No. 12876

PUMP CUP  
OEM: 682-44322-00



### No. 38107

GASKET, WATER PUMP  
OEM: 682-44315-A0



### No. 89880

IMPELLER  
OEM: 682-44352-03



### No. 89587

KEY, WOODRUFF  
OEM: 90280-03024



No. 12278 Fits Models:

F-9.9HP (1986-95), FT-9.9HP (1985-90), T-9.9HP (1991-96), 15HP (1984-95), 9.9HP (1984-95)

No. 12281 Fits Models:

F-9.9HP (1997-03), T-9.9HP (1997-99, 2001-03), F-9.9HP (2004), T9.9HP (2004)

## YAMAHA WATER PUMP KITS - 9.9-30 HP

### No. 12277

WATER PUMP KIT w/o HOUSING

OEM: 6L2-W0078-00



Kit contains these items also available individually

### No. 22428

BOLT (4)

OEM: 97095-06040



### No. 12508

WEAR PLATE

OEM: 6L2-44323-00



### No. 84310

O-RING

OEM: 93210-45161



### No. 12866

PUMP CUP

OEM: 6L2-44322-00



### No. 89622

IMPELLER

OEM: 6L2-44352-00



### No. 89587

KEY, WOODRUFF

OEM: 90280-03024



**Fits Models:**  
20HP (1996-97), 25HP (1988-98, 2000, 2003-04)

## YAMAHA WATER PUMP KITS - 9.9-30 HP

### No. 12285

WATER PUMP KIT w/o HOUSING

OEM: 6J8-W0078-A2



Kit contains these items also available individually

### No. 22508

BOLT w/ WASHER (2)

OEM: 90119-08M13-00



### No. 12526

WEAR PLATE

OEM: 663-44323-00



### No. 12864

PUMP CUP

OEM: 663-44322-00



### No. 38011

GASKET, WEAR PLATE

OEM: 663-44324-A0



### No. 89900

IMPELLER

OEM: 6H4-44352-02-00



### No. 38010

GASKET, WATER PUMP

OEM: 663-443160-A0



### No. 89587

KEY, WOODRUFF

OEM: 90280-03024



### No. 38106

GASKET, WATER PUMP

OEM: 663-44315-A0



Fits Models:

25HP (1999, 2001-02), 30HP (1997-99, 2001-02)

## YAMAHA WATER PUMP KITS - 9.9-30 HP

### No. 12284

WATER PUMP KIT w/o HOUSING  
OEM: 6J8-W0078-A1



Kit contains these items also available individually

### No. 22505

BOLT (2)  
OEM: 97095-08050



### No. 12526

WEAR PLATE  
OEM: 663-44323-00



### No. 12864

PUMP CUP  
OEM: 663-44322-00



### No. 38011

GASKET, WEAR PLATE  
OEM: 663-44324-A0



### No. 89900

IMPELLER  
OEM: 6H4-44352-02-00



### No. 38010

GASKET, WATER PUMP  
OEM: 663-443160-A0



### No. 89587

KEY, WOODRUFF  
OEM: 90280-03024



### No. 38106

GASKET, WATER PUMP  
OEM: 663-44315-A0



**Fits Models:**  
**30HP (1987, 1989-93, 1996)**

## YAMAHA WATER PUMP KITS - 9.9-30 HP

### No. 12058

COMPLETE WATER PUMP KIT  
OEM: 689-W0078-A4



Kit contains these items also available individually

### No. 12869

DAMPER, WATER SEAL  
OEM: 626-44365-01



### No. 89589

KEY, WOODRUFF  
OEM: 664-44338-00



### No. 22507

BOLT (3)  
OEM: 97080-06030



### No. 38109

GASKET, PUMP CUP  
OEM: 689-44324-A0



### No. 12076

WATER PUMP HOUSING  
OEM: 689-44311-03



### No. 12525

WEAR PLATE  
OEM: 689-44323-02



### No. 12878

PUMP CUP  
OEM: 689-W4432-01



### No. 38009

GASKET, WEAR PUMP  
OEM: 689-44315-A0



### No. 89890

IMPELLER  
OEM: 689-44352-00



Fits Models:  
25HP (1984-85), 30HP (1984-85)

## YAMAHA WATER PUMP KITS - 9.9-30 HP

### No. 12059

COMPLETE WATER PUMP KIT

OEM: 689-W0078-A6



Kit contains these items also available individually

### No. 12869

DAMPER, WATER SEAL

OEM: 626-44365-01



### No. 89589

KEY, WOODRUFF

OEM: 664-44338-00



### No. 22507

BOLT (3)

OEM: 97080-06030



### No. 38109

GASKET, PUMP CUP

OEM: 689-44324-A0



### No. 12076

WATER PUMP HOUSING

OEM: 689-44311-03



### No. 12527

WEAR PLATE

OEM: 689-44323-03



### No. 12868

PUMP CUP

OEM: 626-44365-01



### No. 38108

GASKET, WEAR PUMP

OEM: 689-44316-A0



### No. 89890

IMPELLER

OEM: 689-44352-00



Fits Models:

C-25HP (1991-97), 30HP (1991-92), CV-25HP (1990),  
30HP (1989-90), 25HP (1986-87), 30HP (1986)

## YAMAHA WATER PUMP KITS - 40-100 HP

### No. 12287

COMPLETE WATER PUMP KIT

OEM: 6H4-W0078-A0

+ 663-44311-02-00

### No. 12064

WATER PUMP KIT

w/o HOUSING

OEM: 6H4-W0078-A0



Kits contain these items also available individually

### No. 22503

BOLT (2)

OEM: 97080-08055



### No. 89587

KEY, WOODRUFF

OEM: 90280-03024



### No. 22502

BOLT (2)

OEM: 97080-08045



### No. 38106

GASKET, WATER PUMP

OEM: 663-44315-A0



### No. 12875

DAMPER, WATER SEAL

OEM: 93210-37M67



### No. 12526

WEAR PLATE

OEM: 663-44323-00



### No. 12446

WATER PUMP HOUSING

OEM: 663-44311-02-00



### No. 38011

GASKET, WEAR PLATE

OEM: 663-44324-A0



### No. 12864

PUMP CUP

OEM: 663-44322-00



### No. 38010

GASKET, WATER PUMP

OEM: 663-443160-A0



### No. 89900

IMPELLER

OEM: 6H4-44352-02-00



Fits Models:

P-50HP (1991-94), 40HP (1984-94), 50HP (1986-94)

## YAMAHA WATER PUMP KITS - 40-100 HP

### No. 12288

COMPLETE WATER PUMP KIT

OEM: 663-W0078-01,  
663-W0078-A0  
+ 663-44311-02-00

### No. 12279

WATER PUMP KIT

w/o HOUSING

OEM: 663-W0078-01,  
663-W0078-A0



Kits contain these items also available individually

### No. 12875

DAMPER, WATER SEAL

OEM: 663-44366-00



### No. 38106

GASKET, WATER PUMP

OEM: 663-44315-A0



### No. 12446

WATER PUMP HOUSING

OEM: 663-44311-02-00



### No. 12526

WEAR PLATE

OEM: 663-44323-00



### No. 12864

PUMP CUP

OEM: 663-44322-00



### No. 38011

GASKET, PUMP CUP

OEM: 663-44324-A0



### No. 89910

IMPELLER

OEM: 6H3-44352-00



### No. 89599

KEY, WOODRUFF

OEM: 90280-03M03-00



Fits Models:  
C-55HP (1992-95), C-55HP (1991), CV-55HP (1989)

## YAMAHA WATER PUMP KITS - 40-100 HP

### No. 12289

COMPLETE WATER PUMP KIT

OEM: 63D-W0078-01  
+ 63D-44311-00-00

### No. 12276

WATER PUMP KIT

w/o HOUSING  
OEM: 63D-W0078-01



Kits contain these items also available individually

### No. 12874

COVER, PUMP HSG.  
OEM: 63D-44312-00



### No. 89910

IMPELLER  
OEM: 6H3-44352-00



### No. 12875

DAMPER, WATER SEAL  
OEM: 663-44366-00



### No. 89587

KEY, WOODRUFF  
OEM: 90280-03024



### No. 22429

BOLT w/ WASHER (4)  
OEM: 90119-08M15



### No. 84305

O-RING  
OEM: 93210-59MG7



### No. 12079

WATER PUMP HOUSING  
OEM: 61A-44311-01-00



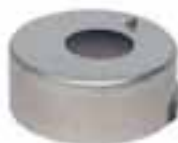
### No. 12524

WEAR PLATE  
OEM: 63D-44323-00



### No. 12873

PUMP CUP  
OEM: 63D-44322-00



### No. 38008

GASKET, WATER PUMP  
OEM: 63D-44316-00



### Fits Models:

C-40HP (1998-02), C-50HP (1998-01), F-40HP (1999), F-50HP (1996-05), F-60HP (2002-05)  
P-40HP (1998), P-50HP (1995-96), T-50HP (2002-04), 40HP (1995-05), 50HP (1995-96, 1998-05)

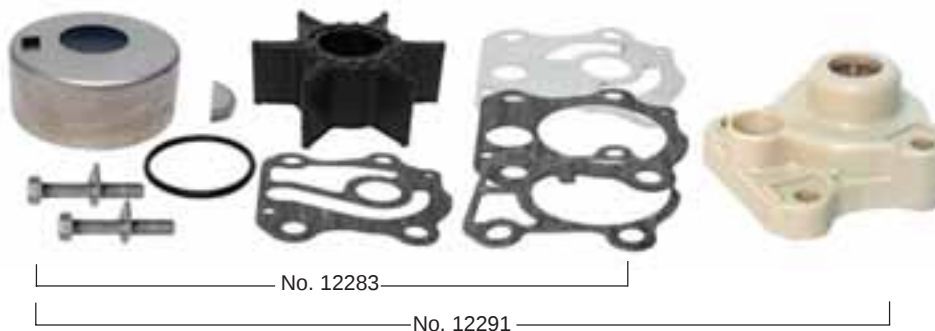
## YAMAHA WATER PUMP KITS - 40-100 HP

### No. 12291

COMPLETE WATER PUMP KIT  
OEM: 6H3-W0078-02  
+ 6H3-44311-02-00

### No. 12283

WATER PUMP KIT  
w/o HOUSING  
OEM: 6H3-W0078-02



Kits contain these items also available individually

### No. 22504

BOLT w/ WASHER (2)  
OEM: 90119-08M14-00



### No. 38004

GASKET, WATER PUMP  
OEM: 6H3-44315-A0



### No. 12447

WATER PUMP HOUSING  
OEM: 6H3-44311-02-00



### No. 12514

WEAR PLATE  
OEM: 6H3-44323-00



### No. 12864

PUMP CUP  
OEM: 663-44322-00



### No. 38005

GASKET, WEAR PLATE  
OEM: 6H3-44324-A0



### No. 89910

IMPELLER  
OEM: 6H3-44352-00



### No. 38002

GASKET, WATER PUMP  
OEM: 688-44316-A0



### No. 89599

KEY, WOODRUFF  
OEM: 90280-03M03-00



### No. 84290

O-RING  
OEM: 93210-46044-00



Fits Models:

C-60HP (1997-01), C-70HP (2000-01), P-60HP (1997-99), T-50HP (1997-01, 2003, 2005),  
T-60HP (2003-05), 60HP (2003), 70HP (1997-03)

## YAMAHA WATER PUMP KITS - 40-100 HP

### No. 12292

COMPLETE WATER PUMP KIT  
OEM: 6H3-W0078-01  
+ 6H3-44311-02-00

### No. 12057

WATER PUMP KIT  
w/o HOUSING  
OEM: 6H3-W0078-01



Kits contain these items also available individually

### No. 22503

BOLT (2)  
OEM: 97080-08055



### No. 38004

GASKET, WATER PUMP  
OEM: 6H3-44315-A0



### No. 22502

BOLT (2)  
OEM: 97080-08045



### No. 12514

WEAR PLATE  
OEM: 6H3-44323-00



### No. 12447

WATER PUMP HOUSING  
OEM: 6H3-44311-02-00



### No. 38005

GASKET, WEAR PLATE  
OEM: 6H3-44324-00



### No. 12864

PUMP CUP  
OEM: 663-44322-00



### No. 38002

GASKET, WATER PUMP  
OEM: 688-44316-A0



### No. 89910

IMPELLER  
OEM: 6H3-44352-00



### No. 84290

O-RING  
OEM: 93210-46044



### No. 89599

KEY, WOODRUFF  
OEM: 90280-03M03



Fits Models:

C-60HP (1996), E-60HP (1995-96), P-60HP (1992-96), 70HP (1992-96)

## YAMAHA WATER PUMP KITS - 40-100 HP

### No. 12293

COMPLETE WATER PUMP KIT

OEM: 692-W0078-02  
+ 688-44311-01-00

### No. 12282

WATER PUMP KIT

w/o HOUSING  
OEM: 692-W0078-02



Kits contain these items also available individually

### No. 22508

BOLT w/ WASHER (2)  
OEM: 90119-08M13-00



### No. 38001

GASKET, WATER PUMP  
OEM: 688-44315-A0



### No. 12078

WATER PUMP HOUSING  
OEM: 688-44311-01-00



### No. 12513

WEAR PLATE  
OEM: 688-44323-00



### No. 12862

PUMP CUP  
OEM: 688-44322-00



### No. 38003

GASKET, WEAR PLATE  
OEM: 688-44324-A0



### No. 89920

IMPELLER  
OEM: 688-44352-03



### No. 38002

GASKET, WATER PUMP  
OEM: 688-44316-A0



### No. 89595

KEY, WOODRUFF  
OEM: 90280-04M04



### No. 84290

O-RING  
OEM: 93210-46044-00



Fits Models:

B-90HP (1998-99), C-75HP (1998-99), C-80HP (1997), C-90HP (1997-01),  
E-75HP (2000), P-75HP (1997-99), 60HP (2004-05), 70HP (2004-05), 90HP (1997-05)

## YAMAHA WATER PUMP KITS - 40-100 HP

### No. 12294

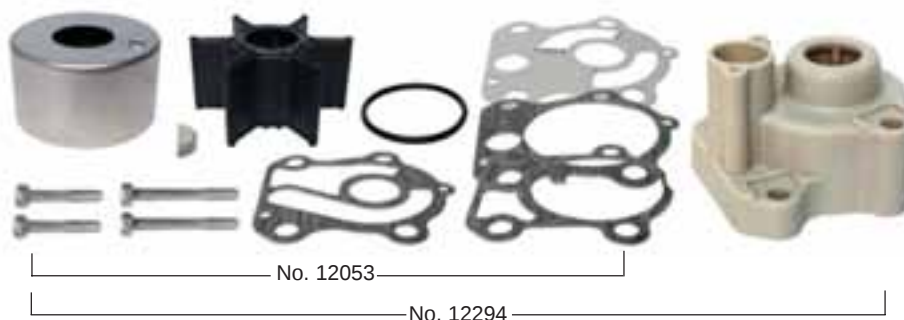
COMPLETE WATER PUMP KIT

OEM: 692-W0078-A0  
+ 688-44311-01-00

### No. 12053

WATER PUMP KIT

w/o HOUSING  
OEM: 692-W0078-A0



Kits contain these items also available individually

### No. 22505

BOLT (2)  
OEM: 97095-08050



### No. 38001

GASKET, WATER PUMP  
OEM: 688-44315-A0



### No. 22501

BOLT (2)  
OEM: 97095-08070



### No. 12513

WEAR PLATE  
OEM: 688-44323-00



### No. 12078

WATER PUMP HOUSING  
OEM: 688-44311-01-00



### No. 38003

GASKET, WEAR PLATE  
OEM: 63D-44323-00



### No. 12862

PUMP CUP  
OEM: 688-44322-00



### No. 38002

GASKET, WATER PUMP  
OEM: 688-44316-A0



### No. 89920

IMPELLER  
OEM: 688-44352-03



### No. 84290

O-RING  
OEM: 93210-46044



### No. 89595

KEY, WOODRUFF  
OEM: 90280-04M04



Fits Models: C-75HP (1994-96),  
C-85HP (1991-96), CV-85HP (1989-90), E-75HP (1995-96), P-75HP (1996), 90HP (1984-96)

## YAMAHA WATER PUMP KITS - 40-100 HP

### No. 12295

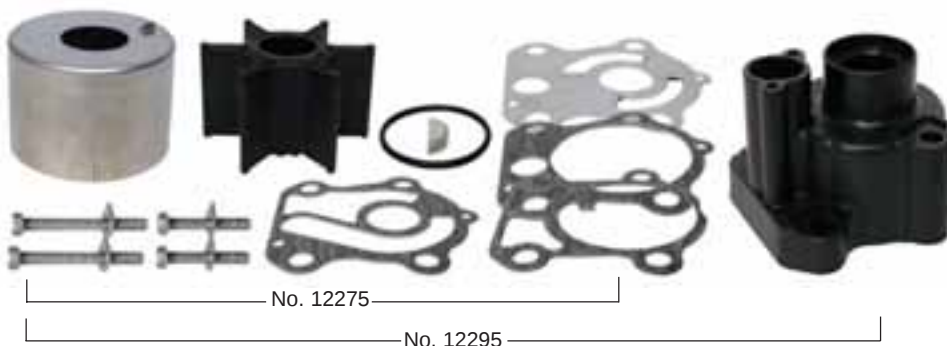
COMPLETE WATER PUMP KIT

OEM: 67F-W0078-00  
+ 67F-44311-01-00

### No. 12275

WATER PUMP KIT

w/o HOUSING  
OEM: 67F-W0078-00



Kits contain these items also available individually

### No. 22509

BOLT w/ WASHER (2)  
OEM: 90119-08M87



### No. 38001

GASKET, WATER PUMP  
OEM: 688-44315-A0



### No. 22508

BOLT w/ WASHER (2)  
OEM: 90119-08M13



### No. 12523

WEAR PLATE  
OEM: 67F-44323-00



### No. 12443

WATER PUMP HOUSING  
OEM: 67F-44311-01-00



### No. 38003

GASKET, WEAR PLATE  
OEM: 688-44324-A0



### No. 12872

PUMP CUP  
OEM: 67F-44322-00



### No. 38002

GASKET, WATER PUMP  
OEM: 688-44316-A0



### No. 89624

IMPELLER  
OEM: 67F-44352-00



### No. 84290

O-RING  
OEM: 93210-46044



### No. 89595

KEY, WOODRUFF  
OEM: 90280-04M04



Fits Models:

F-100HP (2000-02), F-75HP (2003-05), F-80HP (1999-03), F-90HP (2003-05), FT-80HP (2002-03)

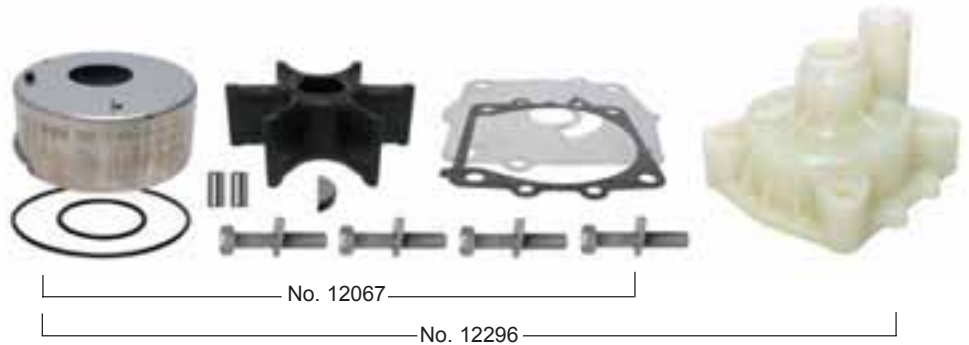
## YAMAHA WATER PUMP KITS - V4 (115-130 HP)

### No. 12296

COMPLETE WATER PUMP KIT  
OEM: 68V-W0078-00  
+ 61A-44311-00-00

### No. 12067

WATER PUMP KIT  
w/o HOUSING  
OEM: 68V-W0078-00



Kits contain these items also available individually

### No. 22504

BOLT, w/ WASHER (4)  
OEM: 90119-08M14



### No. 12870

PUMP CUP  
OEM: 61A-44322-02



### No. 12808

PIN, DOWELL (2)  
OEM: 93606-12019



### No. 89930

IMPELLER  
OEM: 6E5-44352-01-00



### No. 84300

O-RING  
OEM: 93210-37M67



### No. 89588

KEY, WOODRUFF  
OEM: 90280-04M05



### No. 84295

O-RING  
OEM: 93210-86M38



### No. 12518

WEAR PLATE  
OEM: 68V-44323-00



### No. 12074

WATER PUMP HOUSING  
OEM: 61A-44311-01-00



### No. 38000

GASKET, WATER PUMP  
OEM: 6E5-44315-A0



Fits Models:

F-115HP (2002-05), LF-115HP (2002-05)

Reference:

Section 1 pgs. 4 & 5

## YAMAHA WATER PUMP KITS - V4 (115-130 HP)

### No. 12297

COMPLETE WATER PUMP KIT

OEM: 6N6-W0078-02  
+ 61A-44311-00-00

### No. 12286

WATER PUMP KIT

w/o HOUSING  
OEM: 6N6-W0078-02



Kits contain these items also available individually

### No. 22504

BOLT, w/ WASHER (4)  
OEM: 90119-08M14



### No. 12870

PUMP CUP  
OEM: 61A-44322-02



### No. 12808

PIN, DOWELL (2)  
OEM: 93606-12019



### No. 89930

IMPELLER  
OEM: 6E5-44352-01-00



### No. 84300

O-RING  
OEM: 93210-37M67



### No. 89588

KEY, WOODRUFF  
OEM: 90280-04M05



### No. 84295

O-RING  
OEM: 93210-86M38



### No. 12522

WEAR PLATE  
OEM: 6E5-44323-00



### No. 12074

WATER PUMP HOUSING  
OEM: 61A-44311-01-00



### No. 38000

GASKET, WATER PUMP  
OEM: 6E5-44315-A0



### Fits Models:

C-115HP (1997-00), F-115HP (2000-01), L-130HP (1997-01), LF-115HP (2000-01), S-115HP (1997-99),  
S-130HP (1997-99), 115HP (1997-05), 130HP (1997-04)

Reference:  
Section 1 pgs. 8 & 9

## YAMAHA WATER PUMP KITS - V4 (115-130 HP)

### No. 12299

COMPLETE WATER PUMP KIT

OEM: 6N6-W0078-00

+ 61A-44311-00-00

### No. 12264

WATER PUMP KIT

w/o HOUSING

OEM: 6N6-W0078-00



Kits contain these items also available individually

### No. 22502

BOLT (4)

OEM: 97395-08045



### No. 12870

PUMP CUP

OEM: 61A-44322-00



### No. 22506

WASHER (4)

OEM: 90209-08M02



### No. 89930

IMPELLER

OEM: 6E5-44352-01-00



### No. 12808

PIN, DOWELL (2)

OEM: 93606-12019



### No. 89588

KEY, WOODRUFF

OEM: 90280-04M05



### No. 84300

O-RING

OEM: 93210-37M67



### No. 12522

WEAR PLATE

OEM: 6E5-44323-00



### No. 84295

O-RING

OEM: 93210-86M38



### No. 38000

GASKET, WATER PUMP

OEM: 6E5-44315-A0



### No. 12074

WATER PUMP HOUSING

OEM: 61A-44311-01-00



Reference:  
Section 1 pgs. 6 & 7

Fits Models: C-115HP (1993-96), C-130HP (1996), L-130HP (1993-96),  
P-115HP (1993-96), S-115HP (1996), S-130HP (1996), 115HP (1993-96), 130HP (1993-96)

## YAMAHA WATER PUMP KITS - V4 (115-130 HP)

### No. 12086

COMPLETE WATER PUMP KIT

OEM: 6E5-W0078-01  
+ 6E5-44311-00-00

### No. 12054

WATER PUMP KIT

w/o HOUSING  
OEM: 6E5-W0078-01



Kits contain these items also available individually

### No. 22502

BOLT (4)  
OEM: 97395-08045



### No. 12871

PUMP CUP  
OEM: 6E5-44322-00



### No. 22506

WASHER (4)  
OEM: 90209-08M02



### No. 89930

IMPELLER  
OEM: 6E5-44352-01-00



### No. 12808

PIN, DOWELL (2)  
OEM: 93606-12019



### No. 89588

KEY, WOODRUFF  
OEM: 90280-04M05



### No. 84300

O-RING  
OEM: 93210-37M67



### No. 12522

WEAR PLATE  
OEM: 6E5-44323-00



### No. 84295

O-RING  
OEM: 93210-86M38



### No. 38000

GASKET, WATER PUMP  
OEM: 6E5-44315-A0



### No. 12077

WATER PUMP HOUSING  
OEM: 6E5-44311-00-00



Reference:  
Section 1 pgs. 10 & 11

Fits Models:

C-115HP (1991-92), L-130HP (1989-92), 115HP (1984-92), 130HP (1988-92)

## YAMAHA WATER PUMP KITS - V4 (115 HP) & V6 (150 HP)

### No. 12298

COMPLETE WATER PUMP KIT

OEM: 65N-W0078-A1

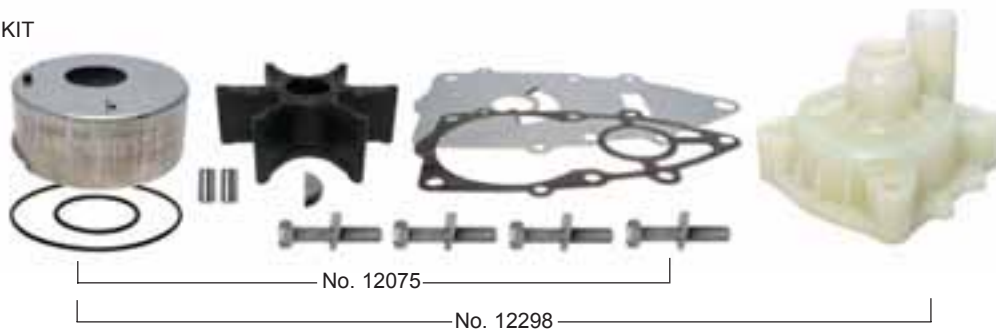
+ 61A-44311-00-00

### No. 12075

WATER PUMP KIT

w/o HOUSING

OEM: 65N-W0078-A1



Kits contain these items also available individually

### No. 22504

BOLT, w/ WASHER (4)

OEM: 90119-08M14



### No. 12870

PUMP CUP

OEM: 61A-44322-02



### No. 12808

PIN, DOWELL (2)

OEM: 93606-12019



### No. 89930

IMPELLER

OEM: 6E5-44352-01-00



### No. 84300

O-RING

OEM: 93210-37M67



### No. 89588

KEY, WOODRUFF

OEM: 90280-04M05



### No. 84295

O-RING

OEM: 93210-86M38



### No. 12521

WEAR PLATE

OEM: 65N-44323-00



### No. 12074

WATER PUMP HOUSING

OEM: 61A-44311-01-00



### No. 38007

GASKET, WATER PUMP

OEM: 65N-44315-A0



Fits Models:

B-115HP (1998-99), D-150HP (1997-99), DX-150HP (1999-05)

Reference:

Section 1 pgs. 12 & 13

## YAMAHA WATER PUMP KITS - V6 (150-300 HP)

### No. 12068

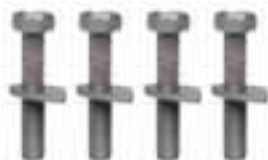
WATER PUMP KIT  
w/o HOUSING  
OEM: 60X-W0078-00



Kits contain these items also available individually

### No. 22504

BOLT, w/ WASHER (4)  
OEM: 90119-08M14



### No. 89930

IMPELLER  
OEM: 6E5-44352-01-00



### No. 12808

PIN, DOWELL (2)  
OEM: 93606-12019



### No. 89588

KEY, WOODRUFF  
OEM: 90280-04M05



### No. 84300

O-RING  
OEM: 93210-37M67



### No. 12519

WEAR PLATE  
OEM: 60X-44323-00



### No. 84295

O-RING  
OEM: 93210-86M38



### No. 38006

GASKET, WATER PUMP  
OEM: 60X-44315-A0



### No. 12870

PUMP CUP  
OEM: 61A-44322-02



Fits Models:

VZ-200HP (2005), VZ-225HP (2003-05), VZ-250HP (2003-05), VZ-300HP (2004-05)

Reference:

Section 1 pgs. 18 & 19

## YAMAHA WATER PUMP KITS - V6 (150-300 HP)

### No. 12069

WATER PUMP KIT  
w/o HOUSING  
OEM: 61A-W0078-A3



Kits contain these items also available individually

### No. 22504

BOLT, w/ WASHER (4)  
OEM: 90119-08M14



### No. 89930

IMPELLER  
OEM: 6E5-44352-01-00



### No. 12808

PIN, DOWELL (2)  
OEM: 93606-12019



### No. 89588

KEY, WOODRUFF  
OEM: 90280-04M05



### No. 84300

O-RING  
OEM: 93210-37M67



### No. 12511

WEAR PLATE  
OEM: 6G5-44323-00



### No. 84295

O-RING  
OEM: 93210-86M38



### No. 38000

GASKET, WATER PUMP  
OEM: 6E5-44315-A0



### No. 12870

PUMP CUP  
OEM: 61A-44322-02



**Fits Models:** C-150HP (1996, 1998-99), F-150HP (2004-05), F-200HP (2002-05), F-225HP (2002-04), L-150HP (1992-99), L-200HP (1986-99), L-225HP (1994-99), L-250HP (1990-99), LF-150HP (2004-05), LF-200HP (2002-05), LF-225HP (2002-05), LF-250HP (2005), LX-150HP (1999-01), LX-200HP (1999-01), LX-225HP (2000-03), LX-250HP (2000-03), LZ-150HP (2000-05), LZ-200HP (2000-05), LZ-250HP (2003-05), LZ-300HP (2004-05), P-150HP (1992-99), P-175HP (1994-99), P-200HP (1991-99), PW-150HP (1998), PX-150HP (1999), S-150HP (1996-99), S-175HP (1996-99), S-200HP (1996-99), S-225HP (1996-99), S-250HP (1996-99), S-75HP (1996), SX-150HP (1999-04), SX-200HP (1999-05), SX-225HP (2000-03), SX-250HP (2000-03), V-150HP (2000-05), V-175HP (2000), V-200HP (1998-99), V-225HP (1998-99), VX-150HP (2000-04), VX-200HP (2000-05), VX-225HP (2000-04), VX-250HP (2002-04), VZ-150HP (2000-05), VZ-175HP (2001-05), VZ-200HP (2001-04), Z-150HP (2000-05), Z-175 HP (2001-05), Z-200HP (2000-05), Z-250HP (2003-05), Z-300HP (2004-05), 150 HP (1992-05), 175HP (1985-95, 1997), 200HP (1984-98), 225HP (1992-97), 250HP (1990-92, 1994-95)

Reference: Section 1 pgs. 2-3 & 14-17

# Yamaha / Suzuki / Honda / Tohatsu / Nissan

## YAMAHA WATER PUMP KITS APPLICATIONS

| Model / HP | Year           | Current Pump Kit | Pump Housing | Impeller | Pump Cup | Wear Plate |
|------------|----------------|------------------|--------------|----------|----------|------------|
| 9.9        | 84-95          | 12278            | N/A          | 89880    | 12876    | 12515      |
| 9.9        | 96-05          | 12066 / 12087    | 12445        | 89619    | 12809    | 12517      |
| F-9.9      | 86-95          | 12278            | N/A          | 89880    | 12876    | 12515      |
| F-9.9      | 97-03          | 12281            | N/A          | 89880    | 12876    | 12515      |
| F-9.9      | 04             | N/A              | N/A          | 89880    | 12876    | 12515      |
| F-9.9      | 05             | 12066 / 12087    | 12445        | 89619    | 12809    | 12517      |
| FT-9.9     | 85-90          | 12278            | N/A          | 89880    | 12876    | 12515      |
| T-9.9      | 91-96          | 12278            | N/A          | 89880    | 12876    | 12515      |
| T-9.9      | 97,99,01-03    | 12281            | N/A          | 89880    | 12876    | 12515      |
| T-9.9      | 04             | N/A              | N/A          | 89880    | 12876    | 12515      |
| T-9.9      | 05             | 12066 / 12087    | 12445        | 89619    | 12809    | 12517      |
| 15         | 84-95          | 12278            | N/A          | 89880    | 12876    | 12515      |
| 15         | 96-04          | 12066 / 12087    | 12445        | 89619    | 12809    | 12517      |
| F-15       | 98-05          | 12066 / 12087    | 12445        | 89619    | 12809    | 12517      |
| 20         | 96-97          | 12277            | N/A          | 89622    | 12866    | 12508      |
| 25         | 84-85          | 12058            | 12076        | 89890    | 12878    | 12525      |
| 25         | 86-87          | 12059            | 12076        | 89890    | 12878    | 12527      |
| 25         | 88-95          | 12277            | N/A          | 89622    | 12866    | 12508      |
| 25         | 96-98,00,03-04 | 12277            | N/A          | 89622    | 12866    | 12508      |
| 25         | 99,01-02       | 12285            | 12476        | 89900    | 12864    | 12526      |
| C-25       | 91-97          | 12059            | 12076        | 89890    | 12878    | 12527      |
| CV-25      | 90             | 12059            | 12076        | 89890    | 12878    | 12527      |
| F-25       | 98-05          | N/A              | N/A          | 89900    | N/A      | N/A        |
| T-25       | 01-05          | N/A              | N/A          | 89900    | 12873    | N/A        |
| 30         | 84-85          | 12058            | 12076        | 89890    | 12878    | 12525      |
| 30         | 86             | 12059            | 12076        | 89890    | 12878    | 12527      |
| 30         | 87,89-93       | 12284            | 12076        | 89900    | 12864    | 12526      |
| 30         | 96             | 12284            | 12076        | 89900    | 12864    | 12526      |
| 30         | 97-99,01-02    | 12285            | 12076        | 89900    | 12864    | 12526      |
| C-30       | 91-92          | 12059            | 12076        | 89890    | 12878    | 12527      |
| C-30       | 93-97          | N/A              | N/A          | 89900    | N/A      | 12509      |
| CV-30      | 89-90          | 12059            | 12076        | 89890    | 12878    | 12527      |
| F-30       | 01-05          | N/A              | N/A          | 89900    | 12873    | N/A        |
| 40         | 84-94          | 12064 / 12287    | 12446        | 89910    | 12864    | 12526      |
| 40         | 95-05          | 12276 / 12289    | 12079        | 89910    | 12873    | 12524      |
| C-40       | 91-93,95-97    | N/A              | N/A          | 89660    | N/A      | N/A        |
| C-40       | 98-02          | 12276 / 12289    | 12079        | 89910    | 12873    | 12524      |
| CV-40      | 90             | N/A              | N/A          | 89660    | N/A      | N/A        |
| F-40       | 99             | 12276 / 12289    | 12079        | 89910    | 12873    | 12524      |
| F-40       | 00-05          | N/A              | N/A          | 89900    | 12873    | N/A        |
| P-40       | 98             | 12276 / 12289    | 12079        | 89910    | 12873    | 12524      |
| E-48       | 95,97-00       | N/A              | N/A          | 89910    | N/A      | N/A        |
| 50         | 86-94          | 12064 / 12287    | 12446        | 89910    | 12864    | 12526      |
| 50         | 95-96          | 12276 / 12289    | 12079        | 89910    | 12873    | 12524      |
| 50         | 98-05          | 12276 / 12289    | 12079        | 89910    | 12873    | 12524      |
| C-50       | 98-01          | 12276 / 12289    | 12079        | 89910    | 12873    | 12524      |
| F-50       | 96-05          | 12276 / 12289    | 12079        | 89910    | 12873    | 12524      |
| P-50       | 91-94          | 12064 / 12287    | 12446        | 89910    | 12864    | 12526      |
| P-50       | 95-96          | 12276 / 12289    | 12079        | 89910    | 12873    | 12524      |
| T-50       | 96             | N/A              | 12447        | 89910    | 12864    | 12514      |
| T-50       | 97-01,03,05    | 12283 / 12291    | 12447        | 89910    | 12864    | 12514      |
| T-50       | 02,04          | 12276 / 12289    | 12079        | 89910    | 12873    | 12524      |
| C-55       | 91             | N/A              | N/A          | 89910    | 12864    | 12526      |
| C-55       | 92-95          | 12279 / 12288    | 12446        | 89910    | 12864    | 12526      |
| CV-55      | 89             | N/A              | 12446        | 89910    | 12864    | 12526      |
| 60         | 01-02          | N/A              | 12447        | 89910    | 12864    | 12514      |
| 60         | 03             | 12283 / 12291    | 12447        | 89910    | 12864    | 12514      |
| 60         | 04-05          | 12282 / 12293    | 12078        | 89920    | N/A      | 12513      |
| C-60       | 96             | 12057 / 12292    | 12447        | 89910    | 12864    | 12514      |
| C-60       | 97-01          | 12283 / 12291    | 12447        | 89910    | 12864    | 12514      |
| E-60       | 95-96          | 12057 / 12292    | 12447        | 89910    | 12864    | 12514      |
| E-60       | 97-00          | N/A              | 12447        | 89910    | N/A      | N/A        |
| F-60       | 02-05          | 12276 / 12289    | 12079        | 89910    | 12873    | 12524      |
| P-60       | 91             | N/A              | 12447        | 89910    | 12864    | 12514      |
| P-60       | 92-96          | 12057 / 12292    | 12447        | 89910    | 12864    | 12514      |
| P-60       | 97-99          | 12283 / 12291    | 12447        | 89910    | 12864    | 12514      |
| T-60       | 03-05          | 12283 / 12291    | 12447        | 89910    | 12864    | 12514      |
| 70         | 84-91          | N/A              | 12447        | 89910    | 12864    | 12514      |
| 70         | 92-96          | 12057 / 12292    | 12447        | 89910    | 12864    | 12514      |
| 70         | 97-03          | 12283 / 12291    | 12447        | 89910    | 12864    | 12514      |
| 70         | 04-05          | 12282 / 12293    | 12078        | 89920    | N/A      | 12513      |
| C-70       | 00-01          | 12283 / 12291    | 12447        | 89910    | 12864    | 12514      |
| C-75       | 94-96          | 12053 / 12294    | 12078        | 89920    | N/A      | 12513      |
| C-75       | 98-99          | 12282 / 12293    | 12078        | 89920    | N/A      | 12513      |



# Yamaha / Suzuki / Honda / Tohatsu / Nissan

## YAMAHA WATER PUMP KITS APPLICATIONS

| Model / HP | Year  | Current Pump Kit | Pump Housing | Impeller | Pump Cup | Wear Plate |
|------------|-------|------------------|--------------|----------|----------|------------|
| E-75       | 95-96 | 12053 / 12294    | 12078        | 89920    | N/A      | 12513      |
| E-75       | 97-99 | N/A              | 12078        | 89920    | N/A      | N/A        |
| E-75       | 00    | 12282 / 12293    | 12078        | 89920    | N/A      | 12513      |
| F-75       | 03-05 | 12275 / 12295    | 12443        | 89624    | 12872    | 12523      |
| P-75       | 96    | 12053 / 12294    | 12074        | 89920    | N/A      | 12513      |
| P-75       | 97-99 | 12282 / 12293    | 12078        | 89920    | N/A      | 12513      |
| S-75       | 96    | 12069            | 12462        | 89930    | 12870    | 12511      |
| C-80       | 97    | 12282 / 12293    | 12078        | 89920    | N/A      | 12513      |
| F-80       | 99-03 | 12275 / 12295    | 12443        | 89624    | 12872    | 12523      |
| FT-80      | 02-03 | 12275 / 12295    | 12443        | 89624    | 12872    | 12523      |
| C-85       | 91-96 | 12053 / 12294    | 12078        | 89920    | N/A      | 12513      |
| CV-85      | 89-90 | 12053 / 12294    | 12078        | 89920    | N/A      | 12513      |
| 90         | 84-96 | 12053 / 12294    | 12078        | 89920    | N/A      | 12513      |
| 90         | 97-05 | 12282 / 12293    | 12078        | 89920    | N/A      | 12513      |
| B-90       | 98-99 | 12282 / 12293    | 12078        | 89920    | N/A      | 12513      |
| C-90       | 97-01 | 12282 / 12293    | 12078        | 89920    | N/A      | 12513      |
| F-90       | 03-05 | 12275 / 12295    | 12443        | 89624    | 12872    | 12523      |
| F-100      | 00-02 | 12275 / 12295    | 12443        | 89624    | 12872    | 12523      |
| V4         |       |                  |              |          |          |            |
| 115        | 84-92 | 12054 / 12086    | 12077        | 89930    | 12871    | 12522      |
| 115        | 93-96 | 12264 / 12299    | 12074        | 89930    | 12870    | 12522      |
| 115        | 97-05 | 12286 / 12297    | 12074        | 89930    | 12870    | 12522      |
| B-115      | 98-99 | 12075 / 12298    | 12074        | 89930    | 12870    | 12521      |
| C-115      | 91-92 | 12054 / 12086    | 12077        | 89930    | 12871    | 12522      |
| C-115      | 93-96 | 12264 / 12299    | 12074        | 89930    | 12870    | 12522      |
| C-115      | 97-00 | 12286 / 12297    | 12074        | 89930    | 12870    | 12522      |
| P-115      | 93-96 | 12264 / 12299    | 12074        | 89930    | 12870    | 12522      |
| S-115      | 96    | 12264 / 12299    | 12074        | 89930    | 12870    | 12522      |
| S-115      | 97-99 | 12286 / 12297    | 12074        | 89930    | 12870    | 12522      |
| F-115      | 00-01 | 12286 / 12297    | 12074        | 89930    | 12870    | 12522      |
| F-115      | 02-05 | 12067 / 12296    | 12074        | 89930    | 12870    | 12518      |
| LF-115     | 00-01 | 12286 / 12297    | 12074        | 89930    | 12870    | 12522      |
| LF-115     | 02-05 | 12067 / 12296    | 12074        | 89930    | 12870    | 12518      |
| 130        | 88-92 | 12054 / 12086    | 12077        | 89930    | 12871    | 12522      |
| 130        | 93-96 | 12264 / 12299    | 12074        | 89930    | 12870    | 12522      |
| 130        | 97-04 | 12286 / 12297    | 12074        | 89930    | 12870    | 12522      |
| C-130      | 96    | 12264 / 12299    | 12074        | 89930    | 12870    | 12522      |
| L-130      | 89-92 | 12054 / 12086    | 12077        | 89930    | 12871    | 12522      |
| L-130      | 93-96 | 12264 / 12299    | 12074        | 89930    | 12870    | 12522      |
| L-130      | 97-01 | 12286 / 12297    | 12074        | 89930    | 12870    | 12522      |
| S-130      | 96    | 12264 / 12299    | 12074        | 89930    | 12870    | 12522      |
| S-130      | 97-99 | 12286 / 12297    | 12074        | 89930    | 12870    | 12522      |
| V6         |       |                  |              |          |          |            |
| 150        | 88    | N/A              | 12077        | 89930    | 12871    | 12511      |
| 150        | 85-91 | N/A              | 12077        | 89930    | 12871    | 12511      |
| 150        | 92-96 | 12069            | 12074        | 89930    | 12870    | 12511      |
| 150        | 97-05 | 12069            | 12074        | 89930    | 12870    | 12511      |
| C-150      | 96    | 12069            | 12074        | 89930    | 12870    | 12511      |
| C-150      | 98-99 | 12069            | 12074        | 89930    | 12870    | 12511      |
| D-150      | 97-99 | 12075 / 12298    | 12074        | 89930    | 12870    | 12521      |
| F-150      | 04-05 | 12069            | 12074        | 89930    | 12870    | 12511      |
| LF-150     | 04-05 | 12069            | 12074        | 89930    | 12870    | 12511      |
| L-150      | 86-91 | N/A              | 12077        | 89930    | 12871    | 12511      |
| L-150      | 92-99 | 12069            | 12074        | 89930    | 12870    | 12511      |
| P-150      | 91    | N/A              | 12077        | 89930    | 12871    | 12511      |
| P-150      | 92-99 | 12069            | 12074        | 89930    | 12870    | 12511      |
| S-150      | 96-99 | 12069            | 12074        | 89930    | 12870    | 12511      |
| V-150      | 00-05 | 12069            | 12074        | 89930    | 12870    | 12511      |
| PW-150     | 98    | 12069            | 12074        | 89930    | 12870    | 12511      |
| DX-150     | 99-05 | 12075 / 12298    | 12074        | 89930    | 12870    | 12521      |
| LX-150     | 99-01 | 12069            | 12074        | 89930    | 12870    | 12511      |
| PX-150     | 99    | 12069            | 12074        | 89930    | 12870    | 12511      |
| SX-150     | 99-04 | 12069            | 12074        | 89930    | 12870    | 12511      |
| VX-150     | 00-04 | 12069            | 12074        | 89930    | 12870    | 12511      |
| Z-150      | 00-05 | 12069            | 12074        | 89930    | 12870    | 12511      |
| LZ-150     | 00-05 | 12069            | 12074        | 89930    | 12870    | 12511      |
| VZ-150     | 00-05 | 12069            | 12074        | 89930    | 12870    | 12511      |
| 175        | 85-95 | 12069            | 12074        | 89930    | 12870    | 12511      |
| 175        | 97    | 12069            | 12074        | 89930    | 12870    | 12511      |
| P-175      | 94-99 | 12069            | 12074        | 89930    | 12870    | 12511      |
| S-175      | 96-99 | 12069            | 12074        | 89930    | 12870    | 12511      |
| V-175      | 00    | 12069            | 12074        | 89930    | 12870    | 12511      |

# Yamaha / Suzuki / Honda / Tohatsu / Nissan

## YAMAHA WATER PUMP KITS APPLICATIONS

[illegible]

# Section 4

## Yamaha

Suzuki / Honda / Tohatsu / Nissan

## Aluminum Anodes, Prop Hardware Kits, Thermostats

|                                                               |       |
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| <i>Yamaha Aluminum Anodes .....</i>                           | 64-65 |
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## YAMAHA ALUMINUM ANODES

### No. 12748

ALUMINUM ANODE  
OEM: 6E0-45251-12-00

Fits Models:  
4.5 HP



### No. 12844

ALUMINUM ANODE  
OEM: 6H1-45251-02

Fits Models:  
40-90 HP



### No. 12743

ALUMINUM ANODE  
OEM: 664-45371-01

Fits Models:  
20-50 HP



### No. 12882

ALUMINUM ANODE  
OEM: 6E5-45251

Fits Models:  
40-90 HP



### No. 12886

ALUMINUM ANODE  
OEM: 688-45251-01

Fits Models:  
40-90 HP



### No. 12884

ALUMINUM ANODE  
OEM: 6H1-45251-03-00

Fits Models:  
40-90 HP



### No. 12881

ALUMINUM ANODE  
OEM: 688-45371-02

Fits Models:  
60, 70, 90 HP  
(1984 & Up),  
C-60, C-75,  
C-85, C-90 HP  
(1994-01), E-60,  
E-75, F-50, P-60,  
P-75, T-50 HP



### No. 12845

ALUMINUM ANODE  
OEM: 67C-45371

Fits Models:  
80-100 HP



## YAMAHA ALUMINUM ANODES

### No. 12841

ALUMINUM ANODE  
OEM: 6T5-45371-00

Fits Models:  
V6/V8 DR, DL  
(1989-90),  
L4 DR (1990),  
90, 100, 115 HP



### No. 12744

ALUMINUM ANODE  
OEM: 6E5-45371-01

Fits Models:  
115, 130 HP V6



### No. 12885

ALUMINUM ANODE  
OEM: 6G5-45251-02-00

Fits Models:  
115-225 HP



### No. 12843

ALUMINUM ANODE  
OEM: 6K1-45371-02

Fits Models:  
120, 200 HP  
Counter Rotation



### No. 12883

ALUMINUM ANODE  
OEM: 6J9-45371

Fits Models:  
150 HP



### No. 12745

ALUMINUM ANODE  
OEM: 6K1-45371

Fits Models:  
150, 200 HP



### No. 12842

ALUMINUM ANODE  
OEM: 61A-45371

Fits Models:  
200, 225, 250 HP



## SUZUKI ALUMINUM ANODES

### No. 12887

ALUMINUM ANODE  
OEM: 55320-95310

Fits Models:  
DF-9.9-250 HP  
(1997-06),  
DT-4-225 HP  
(1983-06)



### No. 12856

ALUMINUM ANODE  
OEM: 55125-96310

Fits Models:  
DF-25, DF-30  
(2000-03),  
DT-20-35 HP  
(1983-00)



### No. 12855

ALUMINUM ANODE  
OEM: 55125-95500

Fits Models:  
DF-40, DF-50  
(1999-06),  
DT-40-85 HP  
(1983-00)



### No. 12846

ALUMINUM ANODE  
OEM: 11130-94600

Fits Models:  
DF-60, DF-70  
(1998-03),  
DT-5-175 HP  
(1983-06)



### No. 12848

ALUMINUM ANODE  
OEM: 41810-87D00

Fits Models:  
DT-90-225 HP  
(1986-03)



### No. 12857

ALUMINUM ANODE  
OEM: 55320-94900

Fits Models:  
DF-60-250  
(2001-06),  
DT-115,  
DT-140 HP  
(1996-01)



### No. 12849

ALUMINUM ANODE  
OEM: 55120-87801

Fits Models:  
DT-150-225  
(1986-03)



### No. 12847

ALUMINUM ANODE  
OEM: 11281-87D00

Fits Models:  
DT75-225 HP  
(1986-03)



## HONDA ALUMINUM ANODES

### No. 12748

ALUMINUM ANODE  
OEM: 641106-935-812

Fits Models:  
4-5 HP



### No. 12743

ALUMINUM ANODE  
OEM: 41107-ZV5-000

Fits Models:  
20-50 HP



### No. 12670

ALUMINUM ANODE  
OEM: 41107-ZW1-003ZA

Fits Models:  
BF-75-BF-90 HP



### No. 12858

ALUMINUM ANODE  
OEM: 12155-ZV5-000

Mounts inside water passages on both intake and exhaust side.



### No. 12675

ALUMINUM ANODE  
OEM: 41109-ZW1-003

Mounts on each side of extension case.



### No. 12859

ALUMINUM ANODE  
OEM: 06411-ZW1-000

Mounts on bottom stern bracket.



### No. 12861

ALUMINUM ANODE  
OEM: 41109-ZW1-B00

Mounts on each side of extension case.



## YAMAHA PROP NUT KITS

### No. 21253

PROP HARDWARE KIT  
OEM: 66T-W4599-00

Kit contains these items also available individually:



#### No. 22146

COTTER PIN  
OEM: 91490-30030-00



#### No. 21231

NUT  
OEM: 90171-16011-00



#### No. 21222

BUSHING  
OEM: 90389-22M01-00



#### No. 22179

SPACER  
OEM: 66T-45997-00

Fits Models: F30 HP (2001-05), F40 HP (2000-05), F50 HP (2001, 2003, 2005), F60 HP (2002-05)

### No. 21254

PROP HARDWARE KIT  
OEM: 67F-W4599-00

Kit contains these items also available individually:



#### No. 22080

COTTER PIN  
OEM: 91490-40045-00



#### No. 21231

NUT  
OEM: 90171-16011-00



#### No. 21223

WASHER  
OEM: 90389-25M00-00



#### No. 22178

SPACER  
OEM: 67F-45997-00

Fits Models: F50 HP (2002, 2004), F75 HP (2003-05), F80 HP (1999-03), F90 HP (2003-05), F100 HP (1999-02), FT 80 HP (2003), T50 HP (2001-05), T60 HP (2003-05), 60 HP (2004-05), 70 HP (2004-05), 90 HP (2004-05)

### No. 21255

PROP HARDWARE KIT  
OEM: 689-W4599-00

Kit contains these items also available individually:



#### No. 22146

COTTER PIN  
OEM: 91490-30030-00



#### No. 22146

COTTER PIN  
OEM: 91490-30030-00



#### No. 21233

NUT  
OEM: 90171-14013-00



#### No. 21224

WASHER  
OEM: 92990-14200-00



#### No. 22177

SPACER  
OEM: 689-45997-00

Fits Models: C25 HP (1991-97), C30 HP (1991-97), CV25 HP (1990), CV30 HP (1989-90), F25 HP (1989-2005), 25 HP (1984-2005), 30 HP (1984-87, 1989-93, 1996-99, 2001-02)

## YAMAHA PROP NUT KITS

### No. 21251

PROP HARDWARE KIT  
OEM: 6G5-W4599-00

Kit contains these items also available individually:



#### No. 22090

COTTER PIN  
OEM: 91490-40030-00



#### No. 21241

NUT  
OEM: 90171-18M04-00



#### No. 21221

WASHER  
OEM: 92990-18200-00



#### No. 22191

SPACER  
OEM: 688-45997-01

Fits Models: B-115HP (1998-99), C-115HP (1991-00), C-150HP (1996, 1998-99), D-150HP (1997-99), DX-150HP (1999-05), F-115HP (2000-05), F-150HP (2004-05), F-200HP (2002-05), F-225HP (2002-05), F-250HP (2005), L-115HP (1998), L-130HP (1989-01), L-150HP (1986-99), L-200HP (1986-99), L-225HP (1994-99), L-250HP (1990-99), LF-115HP (2000-05), LF-150HP (2004-05), LF-200HP (2002-05), LF-225HP (2002-05), LF-250HP (2005), LX-150HP (1999-01), LX-200HP (1999-01), LX-225HP (2000-03), LX-250HP (2000-03), LZ-150HP (2000-05), LZ-200HP (2000-05), LZ-250HP (2003-05), LZ-300HP (2004-05), P-115HP (1993-96), P-150HP (1991-99), P-175HP (1994-99), P-200HP (1991-99), PW-150HP (1998), PX-150HP (1999), S-115HP (1996-99), S-130HP (1996-1999), S-150HP (1996-99), S-175HP (1996-99), S-200HP (1996-99), S-225HP (1996-99), S-250HP (1996-99), SX-150HP (1999-04), SX-200HP (1999-05), SX-225HP (2000-03), SX-250HP (2000-03), V-150HP (2000-05), V-175HP (2000), V-200HP (1989-99), V-225HP (1989-99), VX-150HP (2000-01, 2003-04), VX-200HP (2000-05), VX-225HP (2000-04), VX-250HP (2002-04), VX-300HP (2004), VZ-150HP (2000-03, 2005), VZ-175HP (2001-03, 2005), VZ-200HP (2001-03, 2005), VZ-225HP (2003, 2005), VZ-250HP (2003, 2005), VZ-300HP (2005), Z-150HP (2000-05), Z-175HP (2001-05), Z-200HP (2000-05), Z-250HP (2003-05), Z-300HP (2004-05), 115HP (1984-05), 130HP (1988-04), 150HP (1985-01, 2003-05), 175HP (1985-95, 1997, 2000), 200HP (1984-98), 225HP (1990-97), 250HP (1990-92, 1994-95)

### No. 21261

PROP HARDWARE KIT  
OEM: 6H1-W4599-00

Kit contains these items also available individually:



#### No. 22090

COTTER PIN  
OEM: 91490-40030-00



#### No. 22080

COTTER PIN  
OEM: 91490-40045-00



#### No. 21231

NUT  
OEM: 90171-16011-00



#### No. 21211

WASHER  
OEM: 90201-17M00-00



#### No. 22191

SPACER  
OEM: 688-45997-01

Fits Models: B-90HP (1989-99), C-60HP (1996-01), C-70HP (2000-01), C-75HP (1994-96, 1998-99), C-80HP (1997), C-85HP (1991-96), C-90HP (1997-01), CV-85HP (1989-90), E-60HP (1995-00), E-75HP (1995-00), P-60HP (1991-99), P-75HP (1996-99), S-75HP (1996), T-50HP (1996-00), 60HP (2001-03), 70HP (1984-03), 90HP (1984-03)

### No. 21262

PROP HARDWARE KIT  
OEM: 6H4-W4599-00

Kit contains these items also available individually:



#### No. 22080

COTTER PIN  
OEM: 91490-30040-00



#### No. 22146

COTTER PIN  
OEM: 91490-30030-00



#### No. 21231

NUT  
OEM: 90171-16011-00



#### No. 21225

WASHER  
OEM: 92990-16200-00



#### No. 22176

SPACER  
OEM: 670-45997-02

#### No. 22090

COTTER PIN  
OEM: 91490-40030-00

Fits Models: C-40HP (1991-93, 1995-02), C-50HP (1998-01), C-55HP (1991-95), CV-40HP (1990), CV-55HP (1989), E-48HP (1995, 1997-00), F-40HP (1999), F-50HP (1996-00), P-40HP (1998), P-50HP (1991-96), 40HP (1984-85), 50HP (1986-97, 1999-05)

# Yamaha / Suzuki / Honda / Tohatsu / Nissan

## YAMAHA THERMOSTATS

### No. 13010

THERMOSTAT 143° F  
OEM: 6F5-12411-03



### No. 13320

THERMOSTAT 122° F  
OEM: 6E5-12411-30  
(26mm)



## YAMAHA THERMOSTAT APPLICATIONS

| Model / HP | Year      | Thermostat | Model / HP   | Year      | Thermostat |
|------------|-----------|------------|--------------|-----------|------------|
| 15         | 1986-1995 | 13010      | V6 Continued |           |            |
| 15         | 1996-2004 | 13320      | LZ150        | 2000-2005 | 13320      |
| 25         | 1988      | 13320      | P150         | 1991-1999 | 13320      |
| 25         | 1996      | 13320      | PW150        | 1998      | 13320      |
| 25         | 2003-2005 | 13320      | PX150        | 1999      | 13320      |
| C25        | 1991-1997 | 13010      | S150         | 1996-1999 | 13320      |
| CV25       | 1990      | 13010      | SX150        | 1999-2004 | 13320      |
| 30         | 1986      | 13010      | V150         | 2000-2005 | 13320      |
| 30         | 1987      | 13320      | VX150        | 2000-2004 | 13320      |
| C30        | 1991-1992 | 13010      | VZ150        | 2000-2005 | 13320      |
| CV30       | 1989-1990 | 13010      | Z150         | 2000-2005 | 13320      |
| 40         | 1986-2005 | 13320      | 175          | 1986-2000 | 13320      |
| C40        | 1991-1997 | 13010      | P175         | 1994-1999 | 13320      |
| C40        | 1998-2002 | 13320      | S175         | 1996-1999 | 13320      |
| CV40       | 1990      | 13010      | V175         | 2000      | 13320      |
| P40        | 1998      | 13320      | VZ175        | 2001-2005 | 13320      |
| 50         | 1986-2005 | 13320      | Z175         | 2001-2005 | 13320      |
| C50        | 1998-2001 | 13320      | 200          | 1986-1998 | 13320      |
| P50        | 1991-1996 | 13320      | L200         | 1986-1999 | 13320      |
| C55        | 1991-1995 | 13010      | LX200        | 1999-2001 | 13320      |
| CV55       | 1989      | 13010      | LZ200        | 2000-2005 | 13320      |
| S75        | 1996      | 13320      | P200         | 1991-1999 | 13320      |
| 9.9        | 1996-2005 | 13010      | S200         | 1996-1999 | 13320      |
| F9.9       | 1986-2004 | 13320      | SX200        | 1999-2005 | 13320      |
| V4         |           |            | V200         | 1998-1999 | 13320      |
| 115        | 1984-2005 | 13320      | VX200        | 2000-2005 | 13320      |
| B115       | 1998-1999 | 13320      | VZ200        | 2001-2004 | 13320      |
| C115       | 1991-2000 | 13320      | Z200         | 2000-2005 | 13320      |
| L115       | 1998      | 13320      | 225          | 1990-1997 | 13320      |
| P115       | 1993-1996 | 13320      | L225         | 1995-1999 | 13320      |
| S115       | 1996-1999 | 13320      | LX225        | 2000-2003 | 13320      |
| 130        | 1988-2004 | 13320      | S225         | 1996-1999 | 13320      |
| L130       | 1989-2001 | 13320      | SX225        | 2000-2003 | 13320      |
| S130       | 1996-1999 | 13320      | V225         | 1998-1999 | 13320      |
| V6         |           |            | VX225        | 2000-2004 | 13320      |
| 150        | 1986-2005 | 13320      | 250          | 1990-1995 | 13320      |
| C150       | 1996-1999 | 13320      | L250         | 1990-1999 | 13320      |
| D150       | 1999-2005 | 13320      | LX250        | 2000-2003 | 13320      |
| DX150      | 1999-2005 | 13320      | S250         | 1996-1999 | 13320      |
| L150       | 1986-1999 | 13320      | SX250        | 2000-2003 | 13320      |
| LX150      | 1999-2001 | 13320      | VX250        | 2002-2004 | 13320      |

# Section 5

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## Yamaha Suzuki / Honda / Tohatsu / Nissan Pistons

|                                                                      |              |
|----------------------------------------------------------------------|--------------|
| <i>GLM Exclusive Marine Pistons.....</i>                             | <i>72</i>    |
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| <i>Yamaha 200, 225, 250 HP V6 Pistons .....</i>                      | <i>76</i>    |

## 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                                                               |
|----------------|--------------------------------------------------------------------|-----------------------------------------------------------------------|
| <b>Pros</b>    | Low expansion rate<br>Lighter weight<br>Longer life<br>Lower costs | Greater Strength                                                      |
| <b>Cons</b>    | Less strength but compensated by strong mold process               | Heavier weight<br>High expansion rate<br>Shorter life<br>Higher costs |
| <b>Verdict</b> | 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.



## YAMAHA INLINE 48, 55, 75, 80, 85, 90 HP PISTONS

### These engines use ø 81 mm Pistons

|       |         |         |
|-------|---------|---------|
| 48 HP | E       | 1995-00 |
| 55 HP | C       | 1993-95 |
| 75 HP | C, E    | 1994-95 |
| 75 HP | C, E, P | 1996-00 |
| 80 HP | C       | 1997    |
| 85 HP | C       | 1993-96 |
| 90 HP | C, B    | 1994-05 |



### Pistons for above engines

| <u>GLM Piston No.</u> | <u>Size</u>     | <u>OEM Piston No.</u> |
|-----------------------|-----------------|-----------------------|
| <b>24760</b>          | ø 81 mm         | 6H1-11631-03-95       |
| <b>24761</b>          | ø 81 mm +.25 mm | 6H1-11635-03-00       |
| <b>24762</b>          | ø 81 mm +.50 mm | 6H1-11636-03-00       |

*all pistons come with rings, pin and retainers*

### Rings for above ø 81 mm pistons

| <u>GLM Ring No.</u> | <u>Size</u>     | <u>OEM Ring No.</u> |
|---------------------|-----------------|---------------------|
| <b>14300</b>        | ø 81 mm         | 688-11603-A0-00     |
| <b>14301</b>        | ø 81 mm +.25 mm | 688-11604-A0-00     |
| <b>14302</b>        | ø 81 mm +.50 mm | 688-11605-A0-00     |

*all rings come 2 to a set*

## YAMAHA 115, 130, 150, 175, 200, 225 HP V4 & V6 PISTONS

### These engines use ø 89 mm Pistons

|        |    |                      |         |        |    |           |         |
|--------|----|----------------------|---------|--------|----|-----------|---------|
| 115 HP | V4 | C, P, S, B           | 1993-05 | 175 HP | V6 | VZ, Z     | 2001-05 |
| 115 HP | V4 | L                    | 1998    | 200 HP | V6 | L         | 1992    |
| 130 HP | V4 | L, S                 | 1993-04 | 200 HP | V6 | L, P      | 1993-95 |
| 150 HP | V6 | L, P                 | 1993-95 | 200 HP | V6 | L, P, S   | 1996    |
| 150 HP | V6 | C, L, P, S, D, PW, V | 1996-05 | 200 HP | V6 | L, P, S   | 1997-99 |
| 150 HP | V6 | LZ, VZ, Z            | 2000-05 | 200 HP | V6 | LZ, VZ, Z | 2000-05 |
| 175 HP | V6 |                      | 1993-95 | 225 HP | V6 |           | 1992-93 |
| 175 HP | V6 | L, S, P, V           | 1996-00 | 225 HP | V6 |           | 1997    |



### Pistons for above engines

| GLM Piston No. |              | Size             | OEM Piston No.  |                 |
|----------------|--------------|------------------|-----------------|-----------------|
| Port           | Starboard    |                  | Port            | Starboard       |
| <b>24700</b>   | <b>24710</b> | ø 89 mm          | 6R5-11642-01-85 | 6R5-11631-01-85 |
| <b>24700</b>   | <b>24710</b> | ø 89 mm          | 68F-11642-01-85 | 68F-11631-01-85 |
| <b>24720</b>   | <b>24730</b> | ø 89 mm + .25 mm | 6R5-11645-11-00 | 6R5-11635-11-00 |
| <b>24720</b>   | <b>24730</b> | ø 89 mm + .25 mm | 68F-11645-01-00 | 68F-11635-01-00 |
| <b>24740</b>   | <b>24750</b> | ø 89 mm + .50 mm | 6R5-11646-11-00 | 6R5-11636-11-00 |
| <b>24740</b>   | <b>24750</b> | ø 89 mm + .50 mm | 68F-11646-01-00 | 68F-11636-01-00 |

*all pistons come with rings, pin and retainers*

### Rings for above ø 89 mm pistons

| GLM Ring No. | Size            | OEM Ring No.    |
|--------------|-----------------|-----------------|
| <b>14303</b> | ø 89 mm         | 64D-11603-02-00 |
| <b>14304</b> | ø 89 mm +.25 mm | 64D-11604-02-00 |
| <b>14305</b> | ø 89 mm +.50 mm | 64D-11605-02-00 |

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

## YAMAHA 115, 130, 150, 175, 200, 225 HP V4 & V6 PISTONS

### These engines use ø 89 mm Pistons

|        |    |      |         |
|--------|----|------|---------|
| 115 HP | V4 | C    | 1989-92 |
| 130 HP | V4 | L    | 1989-92 |
| 150 HP | V6 | L, P | 1989-92 |
| 175 HP | V6 |      | 1989-92 |
| 200 HP | V6 | L    | 1989-91 |
| 225 HP | V6 |      | 1990-91 |



### Pistons for above engines

| <u>GLM Piston No.</u> |              | <u>Size</u>      | <u>OEM Piston No.</u> |                 |
|-----------------------|--------------|------------------|-----------------------|-----------------|
| Port                  | Starboard    |                  | Port                  | Starboard       |
| <b>24701</b>          | <b>24702</b> | ø 89 mm          | 6R5-11642-01-93       | 6R5-11631-01-93 |
| <b>N/A</b>            | <b>N/A</b>   | ø 89 mm + .25 mm | N/A                   | N/A             |
| <b>24741</b>          | <b>24752</b> | ø 89 mm + .50 mm | 6R5-11646-01-00       | 6R5-11636-01-00 |

*all pistons come with rings, pin and retainers*

### Rings for above ø 89 mm pistons

| <u>GLM Ring No.</u> | <u>Size</u>      | <u>OEM Ring No.</u> |
|---------------------|------------------|---------------------|
| <b>14303</b>        | ø 89 mm          | 64D-11603-02-00     |
| <b>14304</b>        | ø 89 mm + .25 mm | 64D-11604-02-00     |
| <b>14305</b>        | ø 89 mm + .50 mm | 64D-11605-02-00     |

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

## YAMAHA 200, 225, 250 HP V6 PISTONS

### These engines use ø 89 mm Pistons

|        |    |            |         |        |    |            |         |
|--------|----|------------|---------|--------|----|------------|---------|
| 200 HP | V6 | V, VX      | 1998-0  | 225 HP | V6 | V          | 1998    |
| 200 HP | V6 | VX         | 2002-05 | 225 HP | V6 | V, VX      | 1999-01 |
| 225 HP | V6 | L          | 1994    | 250 HP | V6 | L          | 1995    |
| 225 HP | V6 | L          | 1995    | 250 HP | V6 | L, S, SX   | 1996-01 |
| 225 HP | V6 | L, S, SX   | 1996-01 | 250 HP | V6 | LX, SX, VX | 2002-04 |
| 225 HP | V6 | LX, SX, VX | 2002-04 |        |    |            |         |



### Pistons for above engines

| <u>GLM Piston No.</u> |              | <u>Size</u>      | <u>OEM Piston No.</u> |                 |
|-----------------------|--------------|------------------|-----------------------|-----------------|
| Port                  | Starboard    |                  | Port                  | Starboard       |
| <b>24703</b>          | <b>24704</b> | ø 89 mm          | 69L-11642-00-85       | 69L-11631-00-85 |
| <b>24723</b>          | <b>24734</b> | ø 89 mm + .25 mm | 69L-11645-00-00       | 69L-11635-00-00 |
| <b>24743</b>          | <b>24754</b> | ø 89 mm + .50 mm | 69L-11646-00-00       | 69L-11636-00-00 |

*all pistons come with rings, pin and retainers*

### Rings for above ø 89 mm pistons

| GLM Ring No. | Size             | OEM Ring No.    |
|--------------|------------------|-----------------|
| <b>14303</b> | ø 89 mm          | 64D-11603-02-00 |
| <b>14304</b> | ø 89 mm + .25 mm | 64D-11604-02-00 |
| <b>14305</b> | ø 89 mm + .50 mm | 64D-11605-02-00 |

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

# Section 6

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## Yamaha Suzuki / Honda / Tohatsu / Nissan Head Gaskets

|                           |    |
|---------------------------|----|
| Yamaha Head Gaskets ..... | 78 |
| Suzuki Head Gaskets ..... | 79 |

## YAMAHA HEAD GASKETS

### No. 34900

HEAD GASKET  
OEM: 6A1-11181-00



Fits Models: 2 HP, 1-Cyl.

### No. 34910

HEAD GASKET  
OEM: 677-11181-A1-00



Fits Models: 8 HP, 2-Cyl.

### No. 33890

HEAD GASKET  
OEM: 6E7-11181-00



Fits Models: 9.9, 15 HP, 2-Cyl.

### No. 33880

HEAD GASKET  
OEM: 689-11181-02



Fits Models: 25 HP,  
30 HP (1984-85), CV30 HP, 2-Cyl.

### No. 34920

HEAD GASKET  
OEM: 6J8-11181-A2-00



Fits Models: 30 HP (1987-90), 3-Cyl.

### No. 34930

HEAD GASKET  
OEM: 6H4-11181-A2-00



Fits Models: 40, 50, PRO 50 HP, 3-Cyl.

### No. 34940

HEAD GASKET  
OEM: 6H3-11181-A2-00



Fits Models: 70 HP, 3-Cyl.

### No. 34950

HEAD GASKET  
OEM: 688-11181-A2-00



Fits Models: 85, 90 HP, 3-Cyl.

### No. 34960

HEAD GASKET  
OEM: 6E5-11181-A2-00



Fits Models: 115, 130 HP, V4

## SUZUKI HEAD GASKETS

### No. 36250

HEAD GASKET  
OEM: 11141-94720



Fits Models: 55, 65 HP (1985-89), 3-Cyl.

### No. 36260

HEAD GASKET  
OEM: 11141-95505



Fits Models: 75, 85 HP (1983-87), 3-Cyl.

### No. 36270

HEAD GASKET  
OEM: 11141-95600



Fits Models: 75, 85 HP (1988-89), 3-Cyl.

### No. 36220

HEAD GASKET  
OEM: 11141-87E90



Fits Models: 90, 100 HP (1989), V4

### No. 36230

HEAD GASKET  
OEM: 11141-94506



Fits Models: 115, 140 HP (1983-84), L4

### No. 36240

HEAD GASKET  
OEM: 11141-94600



Fits Models: 115, 140 HP (1986-89), L4

### No. 36200

HEAD GASKET  
OEM: 11141-87D90



Fits Models: 150, 200 HP (1986), V6

### No. 36210

HEAD GASKET  
OEM: 11141-87D92



Fits Models: 150, 175, 200 HP (1987-89), V6



# Section 7

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## Yamaha Suzuki / Honda / Tohatsu / Nissan Fuel Filters

|                                                                    |           |
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**FUEL FILTERS**

**GLM's PLASTIC INLINE FUEL FILTERS**



**NEW PACKAGING!**

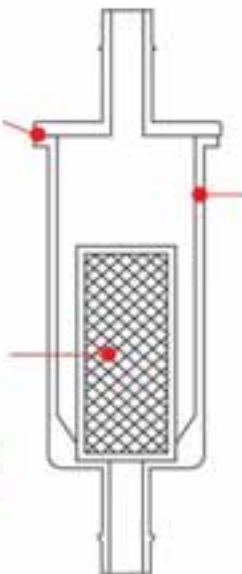
**Brisk Packaging  
for Easy Opening**



**High Frequency Weld**

**SEFAR  
Swiss Made Filter Element**

1.5 Sq. in. Filtration



**Filter Shell made of  
100% Nylon by DuPont®**

Translucent material for determining  
when filter is in need of a replacement

Properties:

- **Very Good**  
Heat Resistance
- **Excellent**  
Chemical Resistance
- **Excellent**  
Wear Resistance



**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**

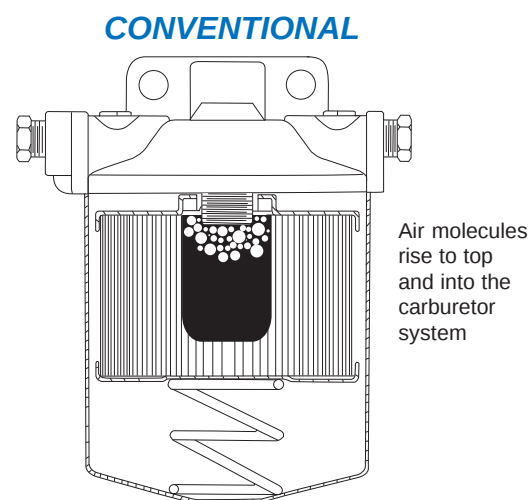
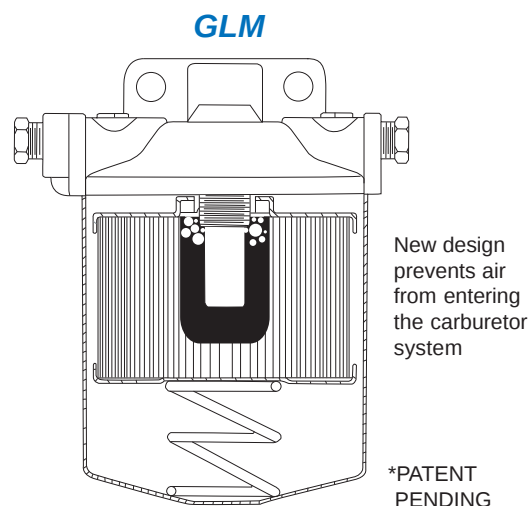
OEM: N/A  
Use with  $\varnothing$  3/8" Hose

## **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!



---

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

---

## 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.

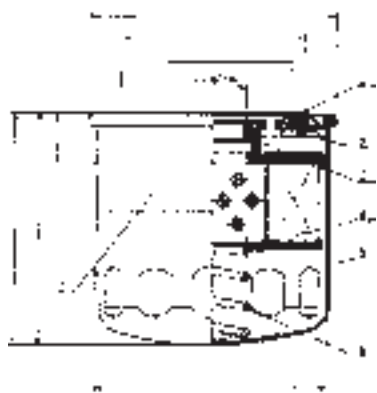
Fuel flow is rated in Gallons Per Hour (GPH). A typical 350/5.7L inboard engine will require 27 GPH at 4,800 rpm, a 454/7.4L inboard engine will require 37 GPH at 4,800 rpm. Selecting a fuel/water separator filter should be based on the amount of fuel the engine requires in GPH at wide open throttle.

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><br><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><br><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><br><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><br><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><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><br><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"                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                               | <br><b>No. 24940</b><br>WATER SEPARATOR FUEL FILTER<br>OEM: N/A<br><br>28 Micron<br>Height 4-7/16"                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                     |

## 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



# Section 8

## Yamaha Suzuki / Honda / Tohatsu / Nissan Index & Cross References

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# Yamaha / Suzuki / Honda / Tohatsu / Nissan

## YAMAHA OUTBOARDS - ALL YEARS AND MODELS (1984-1989)

| Year | HP / Model    | Year | HP / Model   | Year | HP / Model  |
|------|---------------|------|--------------|------|-------------|
| 1984 | 115ETLN       | 1986 | 115ETLJ      | 1987 | V6 EXCEL XH |
| 1984 | 115ETXN       | 1986 | 115ETXJ      | 1988 | 115ETLG     |
| 1984 | 15ELN         | 1986 | 150ETLJ      | 1988 | 115ETLGJD   |
| 1984 | 15ESN         | 1986 | 150ETXJ      | 1988 | 115ETXG     |
| 1984 | 15LN          | 1986 | 15ELJ        | 1988 | 130ETLG     |
| 1984 | 15SN          | 1986 | 15ESJ        | 1988 | 130ETXG     |
| 1984 | 200ETLN       | 1986 | 15LJ         | 1988 | 15ELG       |
| 1984 | 200ETXN       | 1986 | 15SJ         | 1988 | 15ESG       |
| 1984 | 25ELN         | 1986 | 175ETLJ      | 1988 | 15LG        |
| 1984 | 25ESN         | 1986 | 175ETXJ      | 1988 | 15SG        |
| 1984 | 25LN          | 1986 | 200ETLJ      | 1988 | 25ELG       |
| 1984 | 25SN          | 1986 | 200ETXJ      | 1988 | 25ESG       |
| 1984 | 2SN           | 1986 | 30ELJ        | 1988 | 25LG        |
| 1984 | 30ELN         | 1986 | 30ESJ        | 1988 | 25SG        |
| 1984 | 30ESN         | 1986 | 40ELJ        | 1988 | 2SG         |
| 1984 | 40ELN         | 1986 | 40ESJ        | 1988 | 3LG         |
| 1984 | 40ESN         | 1986 | 40ETLJ       | 1988 | 3SG         |
| 1984 | 40LN          | 1986 | 40LJ         | 1988 | 40ELG       |
| 1984 | 40SN          | 1986 | 40SJ         | 1988 | 40ESG       |
| 1984 | 4LN           | 1986 | 50ELJ        | 1988 | 40ETLG      |
| 1984 | 4SN           | 1986 | 50ESJ        | 1988 | 40LG        |
| 1984 | 5LN           | 1986 | 50ETLJ       | 1988 | 40SG        |
| 1984 | 5SN           | 1986 | 70ETLJ       | 1988 | 4LG         |
| 1984 | 70ETLN        | 1986 | 9.9ELJ       | 1988 | 4SG         |
| 1984 | 8LN           | 1986 | 9.9ESJ       | 1988 | 50ELG       |
| 1984 | 8SN           | 1986 | 9.9LJ        | 1988 | 50ESG       |
| 1984 | 9.9ELN        | 1986 | 9.9SJ        | 1988 | 50ESGJD     |
| 1984 | 9.9ESN        | 1986 | 90ETLJ       | 1988 | 70ETLG      |
| 1984 | 9.9LN         | 1986 | F9.9SJ       | 1988 | 9.9ELG      |
| 1984 | 9.9SN         | 1986 | FT9.9ELJ     | 1988 | 9.9ESG      |
| 1984 | 90ETLN        | 1986 | FT9.9EXJ     | 1988 | 9.9LG       |
| 1984 | 90ETXN        | 1986 | FT9.9XJ      | 1988 | 9.9SG       |
| 1985 | 115ETLK       | 1986 | L150ETXJ     | 1988 | 90ETLG      |
| 1985 | 115ETXK       | 1986 | L200ETXJ     | 1988 | 90ETLGJD    |
| 1985 | 150ETLK       | 1986 | PROV 150J    | 1988 | F9.9LG      |
| 1985 | 150ETXK       | 1986 | V6 SPECIAL J | 1988 | F9.9SG      |
| 1985 | 15ELK         | 1987 | 115ETLH      | 1988 | FT9.9ELG    |
| 1985 | 15ESK         | 1987 | 115ETJHJD    | 1988 | FT9.9EXG    |
| 1985 | 15LK          | 1987 | 115ETXH      | 1988 | FT9.9XG     |
| 1985 | 15SK          | 1987 | 150ETLH      | 1988 | L150ETXG    |
| 1985 | 175ETLK       | 1987 | 150ETXH      | 1988 | L200ETXG    |
| 1985 | 175ETXK       | 1987 | 15ELH        | 1988 | PRO50LG     |
| 1985 | 200ETLK       | 1987 | 15ESH        | 1988 | PROV150LG   |
| 1985 | 200ETXK       | 1987 | 15LH         | 1988 | V6EXCELLG   |
| 1985 | 25ELK         | 1987 | 15SH         | 1988 | V6EXCELG    |
| 1985 | 25ESK         | 1987 | 175ETLH      | 1989 | 115ETLF     |
| 1985 | 25LK          | 1987 | 175ETXH      | 1989 | 115ETLFJD   |
| 1985 | 25SK          | 1987 | 200ETLH      | 1989 | 115ETXF     |
| 1985 | 2SK           | 1987 | 200ETLHJD    | 1989 | 130ETLF     |
| 1985 | 30ELK         | 1987 | 200ETXH      | 1989 | 130ETXF     |
| 1985 | 30ESK         | 1987 | 30ELH        | 1989 | 150ETLF     |
| 1985 | 40ELK         | 1987 | 30ESH        | 1989 | 150ELF      |
| 1985 | 40ESK         | 1987 | 30LH         | 1989 | 15ELF       |
| 1985 | 40ETLK        | 1987 | 30SH         | 1989 | 15ESF       |
| 1985 | 40LK          | 1987 | 50ELH        | 1989 | 15LF        |
| 1985 | 40SK          | 1987 | 50ESH        | 1989 | 15SF        |
| 1985 | 4LK           | 1987 | 50ESHJD      | 1989 | 175ETLF     |
| 1985 | 4SK           | 1987 | 70ETLH       | 1989 | 175ETXF     |
| 1985 | 5LK           | 1987 | 9.9ELH       | 1989 | 200ETLF     |
| 1985 | 5SK           | 1987 | 9.9ESH       | 1989 | 200ETLFJD   |
| 1985 | 70ETLK        | 1987 | 9.9LH        | 1989 | 200ETXF     |
| 1985 | 8LK           | 1987 | 9.9SH        | 1989 | 25ELF       |
| 1985 | 8LK           | 1987 | 90ETLH       | 1989 | 25ESF       |
| 1985 | 8SK           | 1987 | 90ETLHJD     | 1989 | 25LF        |
| 1985 | 9.9ELK        | 1987 | F9.9LH       | 1989 | 25SF        |
| 1985 | 9.9ESK        | 1987 | F9.9SH       | 1989 | 2F          |
| 1985 | 9.9LK         | 1987 | FT9.9ELH     | 1989 | 30ELF       |
| 1985 | 9.9SK         | 1987 | FT9.9EXH     | 1989 | 30ESF       |
| 1985 | 90ETLK        | 1987 | FT9.9XH      | 1989 | 30LF        |
| 1985 | FT9.9ELK      | 1987 | L150ETXH     | 1989 | 30SF        |
| 1985 | FT9.9EXK      | 1987 | L200ETXH     | 1989 | 3LF         |
| 1985 | FT9.9XK       | 1987 | PRO V 150LH  | 1989 | 3SF         |
| 1985 | V6-SPECIAL LK | 1987 | PRO50LH      | 1989 | 40ELF       |
| 1985 | V6-SPECIAL XK | 1987 | V6 EXCEL LH  | 1989 | 40ESF       |

# Yamaha / Suzuki / Honda / Tohatsu / Nissan

## YAMAHA OUTBOARDS - ALL YEARS AND MODELS (1989 cont.-1992)

| Year | HP / Model  | Year | HP / Model | Year | HP / Model   |
|------|-------------|------|------------|------|--------------|
| 1989 | 40ETLF      | 1990 | 30ELD      | 1991 | 9.9ELHP      |
| 1989 | 40LF        | 1990 | 30ESD      | 1991 | 9.9ESH       |
| 1989 | 40SF        | 1990 | 30LD       | 1991 | 9.9MLHP      |
| 1989 | 40SFJD      | 1990 | 30SD       | 1991 | 9.9MSHP      |
| 1989 | 4LF         | 1990 | 3LD        | 1991 | 90TJRP       |
| 1989 | 4SF         | 1990 | 3SD        | 1991 | 90TLRP       |
| 1989 | 50ELF       | 1990 | 40ELD      | 1991 | C115TLRP     |
| 1989 | 50ESF       | 1990 | 40ESD      | 1991 | C25ELRP      |
| 1989 | 50ESFJD     | 1990 | 40ETLD     | 1991 | C30ELRP      |
| 1989 | 6LF         | 1990 | 40LD       | 1991 | C40ELRP      |
| 1989 | 6SF         | 1990 | 40SD       | 1991 | C55ELRP      |
| 1989 | 70ETLF      | 1990 | 40SDJD     | 1991 | C85TLRP      |
| 1989 | 8LF         | 1990 | 4LD        | 1991 | F9.9MLHP     |
| 1989 | 8SF         | 1990 | 4SD        | 1991 | F9.9MSHP     |
| 1989 | 9.9ELF      | 1990 | 50ELD      | 1991 | L130TXRP     |
| 1989 | 9.9ESF      | 1990 | 50ESD      | 1991 | L150TXRP     |
| 1989 | 9.9LF       | 1990 | 50ESDJD    | 1991 | L200TXRP     |
| 1989 | 9.9SF       | 1990 | 50ETMLD    | 1991 | L250TLRP     |
| 1989 | 90ETLF      | 1990 | 70ETLD     | 1991 | P150TLRP     |
| 1989 | 90ETLFJD    | 1990 | 8LD        | 1991 | P200TLRP     |
| 1989 | F9.9LF      | 1990 | 8SD        | 1991 | P50TLRP      |
| 1989 | F9.9SF      | 1990 | 9.9ELD     | 1991 | P60TLHP      |
| 1989 | FT9.9ELF    | 1990 | 9.9ESD     | 1991 | T9.9ELHP     |
| 1989 | FT9.9EXF    | 1990 | 9.9LD      | 1991 | T9.9ELRP     |
| 1989 | FT9.9XF     | 1990 | 9.9SD      | 1991 | T9.9EXHP     |
| 1989 | L130ETXF    | 1990 | 90ETLD     | 1991 | T9.9MXHP     |
| 1989 | L150ETXF    | 1990 | 90ETLDJD   | 1992 | 9.9MLHQ      |
| 1989 | L200ETXF    | 1991 | 115TJRP    | 1992 | 9.9MSHQ      |
| 1989 | PRO50LF     | 1991 | 115TLRP    | 1992 | 90TJRP       |
| 1989 | PROV150LF   | 1991 | 115TXRP    | 1992 | 90TLRP       |
| 1989 | V6 EXCEL LF | 1991 | 130TLRP    | 1992 | C115TLRP     |
| 1989 | V6 EXCEL XF | 1991 | 130TXRP    | 1992 | C115TXRP     |
| 1990 | CV25ELD     | 1991 | 150TLRP    | 1992 | C30ELRP      |
| 1990 | CV25EMLD    | 1991 | 150TXRP    | 1992 | C40ELRP      |
| 1990 | CV30ELD     | 1991 | 15ELHP     | 1992 | C40MSHQ      |
| 1990 | CV40ELD     | 1991 | 15ESH      | 1992 | C40PLRP      |
| 1990 | CV85ELD     | 1991 | 15MLHP     | 1992 | C55ELRP      |
| 1990 | CV85ELD     | 1991 | 15MSHP     | 1992 | C85TLRP      |
| 1990 | F9.9LD      | 1991 | 175TLRP    | 1992 | DUAL STATION |
| 1990 | F9.9SD      | 1991 | 175TXRP    | 1992 | F9.9MLHQ     |
| 1990 | FT9.9ELD    | 1991 | 200TJRP    | 1992 | F9.9MSHQ     |
| 1990 | FT9.9ERLD   | 1991 | 200TLRP    | 1992 | L130TXRP     |
| 1990 | FT9.9EXD    | 1991 | 200TXRP    | 1992 | L150TXRP     |
| 1990 | FT9.9XD     | 1991 | 225TLRP    | 1992 | L200TXRP     |
| 1990 | L130ETXD    | 1991 | 225TXRP    | 1992 | L250TURQ     |
| 1990 | L150ETXD    | 1991 | 250TURP    | 1992 | L250TXRP     |
| 1990 | L200ETXD    | 1991 | 250TXRP    | 1992 | P150TLRP     |
| 1990 | L250ETXD    | 1991 | 25ELHP     | 1992 | P200TLRP     |
| 1990 | PRO50LD     | 1991 | 25ELRP     | 1992 | P50TLRP      |
| 1990 | PROV150LD   | 1991 | 25ESH      | 1992 | P60TLHP      |
| 1990 | 115ETLD     | 1991 | 25MLHP     | 1992 | T9.9ELHQ     |
| 1990 | 115ETLDJD   | 1991 | 25MSHP     | 1992 | T9.9ELRP     |
| 1990 | 115ETXD     | 1991 | 2MSHP      | 1992 | T9.9EXHQ     |
| 1990 | 130ETLD     | 1991 | 30ELRP     | 1992 | T9.9MXHQ     |
| 1990 | 130ETXD     | 1991 | 30ESRP     | 1992 | 115TJRP      |
| 1990 | 150ETLD     | 1991 | 30MLHP     | 1992 | 115TLRP      |
| 1990 | 150ETXD     | 1991 | 30MSHP     | 1992 | 115TXRP      |
| 1990 | 15ELD       | 1991 | 3MLHP      | 1992 | 130TLRP      |
| 1990 | 15ESD       | 1991 | 3MSHP      | 1992 | 130TXRP      |
| 1990 | 15LD        | 1991 | 40EJRP     | 1992 | 150TLRP      |
| 1990 | 15SD        | 1991 | 40ELRP     | 1992 | 150TXRP      |
| 1990 | 175ETLD     | 1991 | 40ESRP     | 1992 | 15ELHQ       |
| 1990 | 175ETXD     | 1991 | 40MJHP     | 1992 | 15ESH        |
| 1990 | 200ETLD     | 1991 | 40MLHP     | 1992 | 15MLHQ       |
| 1990 | 200ETLDJD   | 1991 | 40MSHP     | 1992 | 15MSHQ       |
| 1990 | 200ETXD     | 1991 | 40PLRP     | 1992 | 175TLRP      |
| 1990 | 225ETLD     | 1991 | 4MLHP      | 1992 | 175TXRP      |
| 1990 | 225ETXD     | 1991 | 4MSHP      | 1992 | 200TJRP      |
| 1990 | 250ETXD     | 1991 | 50EJRP     | 1992 | 200TLRP      |
| 1990 | 25ELD       | 1991 | 50ELRP     | 1992 | 200TXRP      |
| 1990 | 25ESD       | 1991 | 50TLHP     | 1992 | 225TLRP      |
| 1990 | 25LD        | 1991 | 70TLRP     | 1992 | 225TXRP      |
| 1990 | 25SD        | 1991 | 8MLHP      | 1992 | 250TURQ      |
| 1990 | 2SD         | 1991 | 8MSHP      | 1992 | 250TXRP      |

# Yamaha / Suzuki / Honda / Tohatsu / Nissan

## YAMAHA OUTBOARDS - ALL YEARS AND MODELS (1992 cont.-1995)

| Year | HP / Model | Year | HP / Model | Year | HP / Model |
|------|------------|------|------------|------|------------|
| 1992 | 25ELHQ     | 1993 | 6MLHR      | 1994 | 40MSHS     |
| 1992 | 25ELRQ     | 1993 | 6MSHR      | 1994 | 40PLRS     |
| 1992 | 25ESHQ     | 1993 | 70TLRR     | 1994 | 40TLRS     |
| 1992 | 25MLHQ     | 1993 | 70TRR      | 1994 | 4MLHS      |
| 1992 | 25MSHQ     | 1993 | 8MLHR      | 1994 | 4MSHS      |
| 1992 | 2MSHQ      | 1993 | 8MSHR      | 1994 | 50EJRS     |
| 1992 | 30ELRQ     | 1993 | 9.9ELHR    | 1994 | 50ELRS     |
| 1992 | 30ESRQ     | 1993 | 9.9ESHR    | 1994 | 50THS      |
| 1992 | 30MLHQ     | 1993 | 9.9MLHR    | 1994 | 50TLHS     |
| 1992 | 30MSHQ     | 1993 | 9.9MSHR    | 1994 | 6MLHS      |
| 1992 | 3MLHQ      | 1993 | 90TJRR     | 1994 | 6MSHS      |
| 1992 | 3MSHQ      | 1993 | 90TLRR     | 1994 | 70TLRS     |
| 1992 | 40EJRR     | 1993 | C115TLRR   | 1994 | 8MLHS      |
| 1992 | 40ELRQ     | 1993 | C115TXRR   | 1994 | 8MSHS      |
| 1992 | 40ESRQ     | 1993 | C25ELHR    | 1994 | 9.9ELHS    |
| 1992 | 40MJHQ     | 1993 | C25ELRR    | 1994 | 9.9ESHS    |
| 1992 | 40MLHQ     | 1993 | C25MLHR    | 1994 | 9.9MLHS    |
| 1992 | 40MSHQ     | 1993 | C25MSHR    | 1994 | 9.9MSHS    |
| 1992 | 40PLRQ     | 1993 | C30ELRR    | 1994 | 90TJRS     |
| 1992 | 4MLHQ      | 1993 | C40ELRR    | 1994 | 90TLRS     |
| 1992 | 4MSHQ      | 1993 | C40MSHR    | 1994 | C115TLRS   |
| 1992 | 50EJRR     | 1993 | C40PLRR    | 1994 | C115TXRS   |
| 1992 | 50ELRQ     | 1993 | C55ELRR    | 1994 | C25ELHS    |
| 1992 | 50TLHQ     | 1993 | C55TLRR    | 1994 | C25ELRS    |
| 1992 | 6MLHQ      | 1993 | C85TLRR    | 1994 | C25MLHS    |
| 1992 | 6MSHQ      | 1993 | F9.9MLHR   | 1994 | C25MSHS    |
| 1992 | 70TLRQ     | 1993 | F9.9MSHR   | 1994 | C30ELRS    |
| 1992 | 8MLHQ      | 1993 | L130TXRR   | 1994 | C55ELRS    |
| 1992 | 8MSHQ      | 1993 | L150TXRR   | 1994 | C55TLRS    |
| 1992 | 9.9ELHQ    | 1993 | L200TXRR   | 1994 | C75TLRS    |
| 1992 | 9.9ESHQ    | 1993 | L250TURR   | 1994 | C85TLRS    |
| 1992 | 9.9ESHQ    | 1993 | L250TXRR   | 1994 | F9.9MLHS   |
| 1993 | 115TJRP    | 1993 | P115TLRR   | 1994 | F9.9MSHS   |
| 1993 | 115TLRP    | 1993 | P150TLRR   | 1994 | L130TXRS   |
| 1993 | 115TXRR    | 1993 | P200TLRR   | 1994 | L150TXRS   |
| 1993 | 130TLRP    | 1993 | P50TLRR    | 1994 | L200TXRS   |
| 1993 | 130TXRR    | 1993 | P60TLHR    | 1994 | L225TXRS   |
| 1993 | 150TLRR    | 1993 | T9.9ELHR   | 1994 | L250TURS   |
| 1993 | 150TXRR    | 1993 | T9.9ELRR   | 1994 | L250TXRS   |
| 1993 | 15ELHR     | 1993 | T9.9EXHR   | 1994 | P115TLRS   |
| 1993 | 15ESHR     | 1993 | T9.9MXHR   | 1994 | P150TLRS   |
| 1993 | 15MLHR     | 1994 | 115TJRS    | 1994 | P175TLRS   |
| 1993 | 15MSHR     | 1994 | 115TLRS    | 1994 | P200TLRS   |
| 1993 | 175TLRR    | 1994 | 115TXRS    | 1994 | P50TLRS    |
| 1993 | 175TXRR    | 1994 | 130TLRS    | 1994 | P60TLHS    |
| 1993 | 200TJRR    | 1994 | 130TXRS    | 1994 | T9.9ELHS   |
| 1993 | 200TLRR    | 1994 | 150TLRS    | 1994 | T9.9ELRS   |
| 1993 | 200TXRR    | 1994 | 150TXRS    | 1994 | T9.9EXHS   |
| 1993 | 225TLRR    | 1994 | 15ELHS     | 1994 | T9.9MXHS   |
| 1993 | 225TXRR    | 1994 | 15ESHS     | 1995 | 115EJRT    |
| 1993 | 25ELHR     | 1994 | 15MLHS     | 1995 | 115TLRT    |
| 1993 | 25ELRR     | 1994 | 15MSHS     | 1995 | 115TXRT    |
| 1993 | 25ESHR     | 1994 | 175TLRS    | 1995 | 130TLRT    |
| 1993 | 25MLHR     | 1994 | 175TXRS    | 1995 | 130TXRT    |
| 1993 | 25MSHR     | 1994 | 200TJRS    | 1995 | 150TLRT    |
| 1993 | 2MSHR      | 1994 | 200TLRS    | 1995 | 150TXRT    |
| 1993 | 30ELRR     | 1994 | 200TXRS    | 1995 | 15ELHT     |
| 1993 | 30ESRR     | 1994 | 225TLRS    | 1995 | 15ESHT     |
| 1993 | 30MLHR     | 1994 | 225TXRS    | 1995 | 15MLHT     |
| 1993 | 30MSHR     | 1994 | 250TURS    | 1995 | 15MSHT     |
| 1993 | 3MLHR      | 1994 | 250TXRS    | 1995 | 175TLRT    |
| 1993 | 3MSHR      | 1994 | 25ELHS     | 1995 | 175TXRT    |
| 1993 | 40EJRR     | 1994 | 25ELRS     | 1995 | 200TJRT    |
| 1993 | 40ELRR     | 1994 | 25ESHS     | 1995 | 200TLRT    |
| 1993 | 40ESRR     | 1994 | 25MLHS     | 1995 | 200TXRT    |
| 1993 | 40MJRR     | 1994 | 25MSHS     | 1995 | 225TLRT    |
| 1993 | 40MLHR     | 1994 | 2MSHS      | 1995 | 225TURT    |
| 1993 | 40MSHR     | 1994 | 3MLHS      | 1995 | 225TXRT    |
| 1993 | 40PLRR     | 1994 | 3MSHS      | 1995 | 250TURT    |
| 1993 | 4MLHR      | 1994 | 40EJRS     | 1995 | 250TXRT    |
| 1993 | 4MSHR      | 1994 | 40ELRS     | 1995 | 25ELHT     |
| 1993 | 50EJRR     | 1994 | 40ESRS     | 1995 | 25ELRT     |
| 1993 | 50ELRR     | 1994 | 40MJRS     | 1995 | 25ESHT     |
| 1993 | 50TLHR     | 1994 | 40MLHS     | 1995 | 25MLHT     |



# Yamaha / Suzuki / Honda / Tohatsu / Nissan

## YAMAHA OUTBOARDS - ALL YEARS AND MODELS (1995 cont.-1997)

| Year | HP / Model | Year | HP / Model | Year | HP / Model |
|------|------------|------|------------|------|------------|
| 1995 | 25MLHT     | 1996 | 15MLHU     | 1996 | P200TLRU   |
| 1995 | 2MSHT      | 1996 | 15MSHU     | 1996 | P50TLRU    |
| 1995 | 3MLHT      | 1996 | 200TLRU    | 1996 | P60TLHU    |
| 1995 | 3MSHT      | 1996 | 20MLHU     | 1996 | P75TLHU    |
| 1995 | 40EJRT     | 1996 | 20MSHU     | 1996 | S115TLRU   |
| 1995 | 40ELRT     | 1996 | 225TLRU    | 1996 | S115TXRU   |
| 1995 | 40ESRT     | 1996 | 25ELHU     | 1996 | S130TLRU   |
| 1995 | 40MJHT     | 1996 | 25ELRU     | 1996 | S130TXRU   |
| 1995 | 40MLHT     | 1996 | 25ESHU     | 1996 | S150TLRU   |
| 1995 | 40MSHT     | 1996 | 25MLHU     | 1996 | S150TSRU   |
| 1995 | 40TLRT     | 1996 | 25MSHU     | 1996 | S175TXRU   |
| 1995 | 4MLHT      | 1996 | 2MSHU      | 1996 | S200TXRU   |
| 1995 | 4MSHT      | 1996 | 30ELHU     | 1996 | S225TXRU   |
| 1995 | 50EJRT     | 1996 | 30ELRU     | 1996 | S225TXRU   |
| 1995 | 50ELRT     | 1996 | 30ESRU     | 1996 | S250TURU   |
| 1995 | 50TLHT     | 1996 | 30MLHU     | 1996 | S250TXRU   |
| 1995 | 5MSHT      | 1996 | 30MSHU     | 1996 | T50TLRU    |
| 1995 | 5MSHT      | 1996 | 3MLHU      | 1996 | T9.9ELHU   |
| 1995 | 6MLHT      | 1996 | 3MSHU      | 1996 | T9.9ELRU   |
| 1995 | 6MSHT      | 1996 | 40EJRU     | 1996 | T9.9EXHU   |
| 1995 | 70TLRT     | 1996 | 40ELRU     | 1996 | T9.9MLHU   |
| 1995 | 8MLHT      | 1996 | 40ESRU     | 1996 | T9.9MXHU   |
| 1995 | 8MSHT      | 1996 | 40MJHU     | 1997 | 115TJRV    |
| 1995 | 9.9ELHT    | 1996 | 40MLHU     | 1997 | 115TLRV    |
| 1995 | 9.9ESHT    | 1996 | 40MSHU     | 1997 | 130TLRV    |
| 1995 | 9.9MLHT    | 1996 | 40TLHU     | 1997 | 150TJRV    |
| 1995 | 9.9MSHT    | 1996 | 40TLRU     | 1997 | 150TLRV    |
| 1995 | 90EJRT     | 1996 | 4MLHU      | 1997 | 15ELHV     |
| 1995 | 90TLRT     | 1996 | 4MSHU      | 1997 | 15ESHV     |
| 1995 | C115TLRT   | 1996 | 50EJRU     | 1997 | 15MLHV     |
| 1995 | C115TXRT   | 1996 | 50TLHU     | 1997 | 15MSHV     |
| 1995 | C25ELHT    | 1996 | 5MLHU      | 1997 | 175TLRV    |
| 1995 | C25ELRT    | 1996 | 5MSHU      | 1997 | 200TLRV    |
| 1995 | C25MLHT    | 1996 | 6MLHU      | 1997 | 20MLHV     |
| 1995 | C25MSHT    | 1996 | 6MSHU      | 1997 | 20MSHV     |
| 1995 | C30ELRT    | 1996 | 70TLRU     | 1997 | 225TLRV    |
| 1995 | C40ELRT    | 1996 | 8MLHU      | 1997 | 25ELHV     |
| 1995 | C40MLHT    | 1996 | 8MSHU      | 1997 | 25ELRV     |
| 1995 | C40MSHT    | 1996 | 9.9ELHU    | 1997 | 25ESHV     |
| 1995 | C40PLRT    | 1996 | 9.9ELRU    | 1997 | 25MLHV3    |
| 1995 | C55ELRT    | 1996 | 9.9ESHU    | 1997 | 25MSHV3    |
| 1995 | C55TLRT    | 1996 | 9.9MLHU    | 1997 | 2MSHV      |
| 1995 | C75TLRT    | 1996 | 9.9MSHU    | 1997 | 30ELHV     |
| 1995 | C85TLRT    | 1996 | 90TJRU     | 1997 | 30ELRV     |
| 1995 | E48MLHT    | 1996 | 90TLRU     | 1997 | 30ESRV     |
| 1995 | E60MLHT    | 1996 | C115TLRU   | 1997 | 30MLHV     |
| 1995 | E75MLHT    | 1996 | C115TXRU   | 1997 | 30MSHV     |
| 1995 | F9.9MLHT   | 1996 | C150TLRU   | 1997 | 3MLHV      |
| 1995 | F9.9MSHT   | 1996 | C150TXRU   | 1997 | 3MSHV      |
| 1995 | L130TXRT   | 1996 | C25ELHU    | 1997 | 40EJRV     |
| 1995 | L150TXRT   | 1996 | C25ELRU    | 1997 | 40ELRV     |
| 1995 | L200TLRT   | 1996 | C25MLHU    | 1997 | 40ESRV     |
| 1995 | L200TXRT   | 1996 | C25MSHU    | 1997 | 40MJHV     |
| 1995 | L225TURU   | 1996 | C30ELRU    | 1997 | 40MLHV     |
| 1995 | L225TXRT   | 1996 | C40ELRU    | 1997 | 40MSHV     |
| 1995 | L250TURU   | 1996 | C40MSHU    | 1997 | 40TLHV     |
| 1995 | L250TXRT   | 1996 | C40PLRU    | 1997 | 40TLRV     |
| 1995 | P115TLRT   | 1996 | C60TLRU    | 1997 | 4MLHV      |
| 1995 | P150TLRT   | 1996 | C75TLRU    | 1997 | 4MSHV      |
| 1995 | P175TLRT   | 1996 | C85TLRU    | 1997 | 50EJRV     |
| 1995 | P200LRT    | 1996 | E60MLHU    | 1997 | 50TLHV     |
| 1995 | P50TLRT    | 1996 | E75MLHU    | 1997 | 50TLRV     |
| 1995 | P60TLHT    | 1996 | F50TLHU    | 1997 | 5MLHV      |
| 1995 | T9.9ELHT   | 1996 | F50TLRU    | 1997 | 5MSHV      |
| 1995 | T9.9ELRT   | 1996 | L130TXRU   | 1997 | 6MLHV      |
| 1995 | T9.9EXHT   | 1996 | L150TXRU   | 1997 | 6MSHV      |
| 1995 | T9.9MXHT   | 1996 | L200TXRU   | 1997 | 70TLRV     |
| 1996 | 115TJRU    | 1996 | L225TURU   | 1997 | 8MLHV      |
| 1996 | 115TLRU    | 1996 | L225TXRU   | 1997 | 8MSHV      |
| 1996 | 130TLRU    | 1996 | L250TURU   | 1997 | 9.9ELRV    |
| 1996 | 150TJRU    | 1996 | L250TXRU   | 1997 | 9.9ESHV    |
| 1996 | 150TLRU    | 1996 | P115TLRU   | 1997 | 9.9MLHV    |
| 1996 | 15ELHU     | 1996 | P150TLRU   | 1997 | 9.9MSHV    |
| 1996 | 15ESHU     | 1996 | P175TLRU   | 1997 | 90TJRV     |

# Yamaha / Suzuki / Honda / Tohatsu / Nissan

## YAMAHA OUTBOARDS - ALL YEARS AND MODELS (1997 cont.-1999)

| Year | HP / Model | Year | HP / Model | Year | HP / Model |
|------|------------|------|------------|------|------------|
| 1997 | 90TLRV     | 1998 | 30ELHW     | 1998 | T50TLRW    |
| 1997 | C115TLRV   | 1998 | 30ELHW     | 1998 | V200TLRW   |
| 1997 | C115TXRV   | 1998 | 30ELRW     | 1998 | V225TLRW   |
| 1997 | C150TLRV   | 1998 | 30ESRW     | 1999 | 115TJRX    |
| 1997 | C150TXRV   | 1998 | 30MLHW     | 1999 | 130TLRX    |
| 1997 | C25ELHV    | 1998 | 30MSHW     | 1999 | 150TJRX    |
| 1997 | C25ELRV    | 1998 | 3MLHW      | 1999 | 15MLHX     |
| 1997 | C25MLHV    | 1998 | 3MSHW      | 1999 | 15MSHX     |
| 1997 | C25MSHV    | 1998 | 40ELRW     | 1999 | 25MLHX3    |
| 1997 | C30ELRV    | 1998 | 40ESRW     | 1999 | 25MSHX3    |
| 1997 | C40ELRV    | 1998 | 40MLHW     | 1999 | 2MSHX      |
| 1997 | C40ESHV    | 1998 | 40MSHW     | 1999 | 30EHX      |
| 1997 | C40MSHV    | 1998 | 40TLRW     | 1999 | 30ELHX     |
| 1997 | C40PLRV    | 1998 | 4MLHW      | 1999 | 30ELRX     |
| 1997 | C40TLRV    | 1998 | 4MSHW      | 1999 | 30ERX      |
| 1997 | C60TLRV    | 1998 | 5MLHW      | 1999 | 30MHX      |
| 1997 | C80TLRV    | 1998 | 5MSHW      | 1999 | 30MLHX     |
| 1997 | C90TLRV    | 1998 | 6MLHW      | 1999 | 30MSHX     |
| 1997 | D150TLRV   | 1998 | 6MSHW      | 1999 | 3MLHX      |
| 1997 | E48MLHV    | 1998 | 70TLRW     | 1999 | 3MSHX      |
| 1997 | E60MLHV    | 1998 | 8MLHW      | 1999 | 40EJRX     |
| 1997 | E75MLHV    | 1998 | 8MSHW      | 1999 | 40ESRX     |
| 1997 | F50TLHV    | 1998 | 9.9MLHW    | 1999 | 40MJHX     |
| 1997 | F50TLRV    | 1998 | 9.9MSHW    | 1999 | 40MLHX     |
| 1997 | F9.9MLHV   | 1998 | 90TJRW     | 1999 | 40MSHX     |
| 1997 | F9.9MSHV   | 1998 | 90TLRW     | 1999 | 40TLRX     |
| 1997 | L130TXRV   | 1998 | B115TLRW   | 1999 | 4MLHX      |
| 1997 | L150TXRV   | 1998 | B90TLRW    | 1999 | 4MSHX      |
| 1997 | L200TXRV   | 1998 | C115TLRW   | 1999 | 50EJRX     |
| 1997 | L225TURV   | 1998 | C115TXRW   | 1999 | 5MLHX      |
| 1997 | L225TXRV   | 1998 | C150TLRW   | 1999 | 5MSHX      |
| 1997 | L250TURV   | 1998 | C150TXRW   | 1999 | 6MLHX      |
| 1997 | L250TXRV   | 1998 | C40TLRW    | 1999 | 6MSHX      |
| 1997 | P150TLRV   | 1998 | C50TLRW    | 1999 | 70TRX      |
| 1997 | P175TLRV   | 1998 | C60TLRW    | 1999 | 8MLHX      |
| 1997 | P200TLRV   | 1998 | C75TLRW    | 1999 | 8MSHX      |
| 1997 | P60TLHV    | 1998 | C90TLRW    | 1999 | 9.9MLHX    |
| 1997 | P75TLHV    | 1998 | D150TLRW   | 1999 | 9.9MSHX    |
| 1997 | S115TLRV   | 1998 | E48MLHW    | 1999 | 90TJRX     |
| 1997 | S115TXRV   | 1998 | E60MLHW    | 1999 | 90TLRX     |
| 1997 | S130TLRV   | 1998 | E75MLHW    | 1999 | B115TLRX   |
| 1997 | S130TXRV   | 1998 | F15ELHW    | 1999 | B90TLRX    |
| 1997 | S150TLRV   | 1998 | F15ESHW    | 1999 | C115TLRX   |
| 1997 | S150TXRV   | 1998 | F15MLHW    | 1999 | C115TXRX   |
| 1997 | S175TXRV   | 1998 | F15MSHW    | 1999 | C150TLRX   |
| 1997 | S200TXRV   | 1998 | F25ELHW    | 1999 | C150TXRX   |
| 1997 | S225TURV   | 1998 | F25ELRW    | 1999 | C40TLRX    |
| 1997 | S225TXRV   | 1998 | F25ESHW    | 1999 | C50TLRX    |
| 1997 | S250TURV   | 1998 | F25TLRW    | 1999 | C60TLRX    |
| 1997 | S250TXRX   | 1998 | F50TLHW    | 1999 | C75TLRX    |
| 1997 | T50TLRV    | 1998 | F50TLRW    | 1999 | C90TLRX    |
| 1997 | T9.9ELHV   | 1998 | F9.9MLHW   | 1999 | D150TLRX   |
| 1997 | T9.9ELRV   | 1998 | F9.9MSHW   | 1999 | DX150TLRX  |
| 1997 | T9.9EXHV   | 1998 | L130TXRW   | 1999 | E48MLHX    |
| 1997 | T9.9EXRV   | 1998 | L150TXRW   | 1999 | E60MLHX    |
| 1997 | T9.9MLHV   | 1998 | L200TXRW   | 1999 | E75MLHX    |
| 1997 | T9.9MXHV   | 1998 | L225TURW   | 1999 | F100TLRX   |
| 1998 | 115TJRW    | 1998 | L225TXRW   | 1999 | F100TXRX   |
| 1998 | 115TLRW    | 1998 | L250TURW   | 1999 | F15ELHX    |
| 1998 | 130TLRW    | 1998 | L250TXRW   | 1999 | F15ESHX    |
| 1998 | 150TJRW    | 1998 | P150TLRW   | 1999 | F15MLHX    |
| 1998 | 150TLRW    | 1998 | P175TLRW   | 1999 | F15MSHX    |
| 1998 | 15MLHW     | 1998 | P200TLRW   | 1999 | F25ELHX    |
| 1998 | 15MSHW     | 1998 | P40EJRW    | 1999 | F25ELRX    |
| 1998 | 175TLRW    | 1998 | P40TLHW    | 1999 | F25ESHX    |
| 1998 | 200TLRW    | 1998 | P60TLHW    | 1999 | F25MLHX    |
| 1998 | 25ELHW     | 1998 | P75TLHW    | 1999 | F25MSHX    |
| 1998 | 25ELRW     | 1998 | S115TLRW   | 1999 | F25TLRX    |
| 1998 | 25ESHW     | 1998 | S115TXRW   | 1999 | F40TLRX    |
| 1998 | 25MLHW     | 1998 | S130TLRW   | 1999 | F4MLHX     |
| 1998 | 25MLHW3    | 1998 | S130TXRW   | 1999 | F4MSHX     |
| 1998 | 25MSHW     | 1998 | S225TURW   | 1999 | F50TLRX    |
| 1998 | 25MSHW3    | 1998 | S225TXRW   | 1999 | F80TLRX    |
| 1998 | 2MSHW      | 1998 | S250TXRW   | 1999 | F80TXRX    |



# Yamaha / Suzuki / Honda / Tohatsu / Nissan

## YAMAHA OUTBOARDS - ALL YEARS AND MODELS (1999 cont.-2002)

| Year | HP / Model | Year | HP / Model | Year | HP / Model |
|------|------------|------|------------|------|------------|
| 1999 | F9.9MLHX   | 2000 | LF115TRY   | 2001 | F9.9ELRZ   |
| 1999 | F9.9MSHX   | 2000 | LX225TRY   | 2001 | F9.9MLHZ   |
| 1999 | L130TXRX   | 2000 | LX250TRY   | 2001 | F9.9MSHZ   |
| 1999 | L150TXRX   | 2000 | LZ150TRY   | 2001 | LF115TXRZ  |
| 1999 | L200TXRX   | 2000 | LZ200TRY   | 2001 | LX150TXRZ  |
| 1999 | L225TXRX   | 2000 | SX225TRY   | 2001 | LX200TXRZ  |
| 1999 | L250TURX   | 2000 | SX250TRY   | 2001 | LX225TXRZ  |
| 1999 | L250TXRX   | 2000 | T50TLRY    | 2001 | LX250TURZ  |
| 1999 | LX150TXRX  | 2000 | V150TLRY   | 2001 | LX250TXRZ  |
| 1999 | LX200TXRX  | 2000 | V175TLRY   | 2001 | LZ150TXRZ  |
| 1999 | P150TLRX   | 2000 | VX150TLRY  | 2001 | LZ200TXRZ  |
| 1999 | P175TLRX   | 2000 | VX200TLRY  | 2001 | SX150TXRZ  |
| 1999 | P200TLRX   | 2000 | VX225TLRY  | 2001 | SX200TXRZ  |
| 1999 | P60TLHX    | 2000 | VZ150TLRY  | 2001 | SX225TURZ  |
| 1999 | P75TLHX    | 2000 | Z150TRY    | 2001 | SX225TXRZ  |
| 1999 | PX150TLRX  | 2000 | Z200TRY    | 2001 | SX250TURZ  |
| 1999 | S115TLRX   | 2001 | 150TXRZ    | 2001 | SX250TXRZ  |
| 1999 | S115TXRX   | 2001 | 15MSHZ     | 2001 | T25TLRZ    |
| 1999 | S130TLRX   | 2001 | 25MHZ3     | 2001 | T50TLRZ    |
| 1999 | S130TXRX   | 2001 | 25MLHZ     | 2001 | T8PLHZ     |
| 1999 | S150TLRX   | 2001 | 25MSHZ     | 2001 | T8PLRZ     |
| 1999 | S150TXRX   | 2001 | 30ELHZ     | 2001 | T8PXHZ     |
| 1999 | S175TXRX   | 2001 | 30ELRZ     | 2001 | T8PXRZ     |
| 1999 | S200TXRX   | 2001 | 30MLHZ     | 2001 | T9.9ELHZ   |
| 1999 | S225TURX   | 2001 | 30MSHZ     | 2001 | T9.9ELRZ   |
| 1999 | S225TXRX   | 2001 | 40MJHZ     | 2001 | T9.9EXHZ   |
| 1999 | S250TXRX   | 2001 | 40MLHZ     | 2001 | T9.9EXRZ   |
| 1999 | SX150TLRX  | 2001 | 40TLRZ     | 2001 | V150TLRZ   |
| 1999 | SX150TXRX  | 2001 | 5MSHZ      | 2001 | VX150TLRZ  |
| 1999 | T50TLRX    | 2001 | 70TLRZ     | 2001 | VX200TLRZ  |
| 1999 | T9.9ELHX   | 2001 | 8MSHZ      | 2001 | VX225TLRZ  |
| 1999 | T9.9ELRX   | 2001 | 9.9MSHZ    | 2001 | VZ150TLRZ  |
| 1999 | T9.9EXHX   | 2001 | 90TJRZ     | 2001 | VZ175TLRZ  |
| 1999 | T9.9EXRX   | 2001 | 90TLRZ     | 2001 | VZ200TLRZ  |
| 1999 | V200TLRX   | 2001 | C40TLRZ    | 2001 | Z150TLRZ   |
| 1999 | V225TLRX   | 2001 | C50TLRZ    | 2001 | Z150TXRZ   |
| 2000 | 115TRY     | 2001 | C60TLRZ    | 2001 | Z175TXRZ   |
| 2000 | 130TRY     | 2001 | C70TLRZ    | 2001 | Z200TLRZ   |
| 2000 | 150TRY     | 2001 | C90TLRZ    | 2001 | Z200TXRZ   |
| 2000 | 15MHY      | 2001 | DX150TLRZ  | 2002 | 115TLRA    |
| 2000 | 175TRY     | 2001 | F100TLRZ   | 2002 | 115TXRA    |
| 2000 | 25MHY      | 2001 | F100TXRZ   | 2002 | 130TLRA    |
| 2000 | 40MHY      | 2001 | F115TJRZ   | 2002 | 130TXRA    |
| 2000 | 40TLRY     | 2001 | F115TLRZ   | 2002 | 150TXRA    |
| 2000 | 50ERY      | 2001 | F115TXRZ   | 2002 | 15MSHA     |
| 2000 | 70TLRY     | 2001 | F15ELHZ    | 2002 | 25MSH3A    |
| 2000 | 9.9MHY     | 2001 | F15ESHZ    | 2002 | 25MSHA     |
| 2000 | 90TJRY     | 2001 | F15MLHZ    | 2002 | 25MSHA3    |
| 2000 | 90TLRY     | 2001 | F15MSHZ    | 2002 | 2MSHA      |
| 2000 | C115TRY    | 2001 | F15PLHZ    | 2002 | 30MSHA     |
| 2000 | C40TLRY    | 2001 | F15PLRZ    | 2002 | 3MSHA      |
| 2000 | C50TLRY    | 2001 | F25ELHZ    | 2002 | 40TLRA     |
| 2000 | C60TLRY    | 2001 | F25ELRZ    | 2002 | 50TLRA     |
| 2000 | C70TLRY    | 2001 | F25ESHZ    | 2002 | 5MSHA      |
| 2000 | C90TLRY    | 2001 | F25ESRZ    | 2002 | 60TLRA     |
| 2000 | DX150TLRY  | 2001 | F25MLHZ    | 2002 | 70TLRA     |
| 2000 | E48MHY     | 2001 | F25MSHZ    | 2002 | 8MSHA      |
| 2000 | E60MLHY    | 2001 | F25TLRZ    | 2002 | 9.9MSHA    |
| 2000 | E75MLHY    | 2001 | F30TLRZ    | 2002 | 90TLRA     |
| 2000 | F100TLRY   | 2001 | F40ESRZ    | 2002 | C40TLRA    |
| 2000 | F115TRY    | 2001 | F40MJHZ    | 2002 | DX150TLRA  |
| 2000 | F15EHY     | 2001 | F40MLHZ    | 2002 | F100TLRA   |
| 2000 | F15MHY     | 2001 | F40MSHZ    | 2002 | F100TXRA   |
| 2000 | F25EHY     | 2001 | F40TLRZ    | 2002 | F115TJRA   |
| 2000 | F25ELRY    | 2001 | F4MLHZ     | 2002 | F115TLRA   |
| 2000 | F25MHY     | 2001 | F4MSHZ     | 2002 | F115TXRA   |
| 2000 | F25TLRY    | 2001 | F50TJRZ    | 2002 | F15ELHA    |
| 2000 | F40ESRY    | 2001 | F50TLRZ    | 2002 | F15ESHA    |
| 2000 | F40MHY     | 2001 | F6MLHZ     | 2002 | F15MLHA    |
| 2000 | F40TLRY    | 2001 | F6MSHZ     | 2002 | F15MSHA    |
| 2000 | F4MHY      | 2001 | F80TJRZ    | 2002 | F15PLHA    |
| 2000 | F50TLRY    | 2001 | F80TLRZ    | 2002 | F15PLRA    |
| 2000 | F80TLRY    | 2001 | F8MLHZ     | 2002 | F200TXRA   |
| 2000 | L130TRY    | 2001 | F8MSHZ     | 2002 | F225TURA   |

# Yamaha / Suzuki / Honda / Tohatsu / Nissan

## YAMAHA OUTBOARDS - ALL YEARS AND MODELS (2002 cont.-2004)

| Year | HP / Model | Year | HP / Model | Year | HP / Model |
|------|------------|------|------------|------|------------|
| 2002 | F225TURA   | 2003 | 50TLRB     | 2003 | T8PXR      |
| 2002 | F225TXRA   | 2003 | 60TLRB     | 2003 | T9.9ELHB   |
| 2002 | F25ELHA    | 2003 | 70TLRB     | 2003 | T9.9ELRB   |
| 2002 | F25ELRA    | 2003 | 9.9MSHB    | 2003 | T9.9EXHB   |
| 2002 | F25ESHA    | 2003 | 90TLRB     | 2003 | V150TLRB   |
| 2002 | F25ESRA    | 2003 | DX150TLRB  | 2003 | VX150TLRB  |
| 2002 | F25MLHA    | 2003 | F115TJRB   | 2003 | VX200TLRB  |
| 2002 | F25MSHA    | 2003 | F115TLRB   | 2003 | VX225TLRB  |
| 2002 | F25TLRA    | 2003 | F115TXRB   | 2003 | VX250TLRB  |
| 2002 | F30TLRA    | 2003 | F15ELHB    | 2003 | VZ150TLRB  |
| 2002 | F40ESRA    | 2003 | F15ESHB    | 2003 | VZ175TLRB  |
| 2002 | F40MJHA    | 2003 | F15MLHB    | 2003 | VZ200TLRB  |
| 2002 | F40MLHA    | 2003 | F15MSHB    | 2003 | VZ225TLRB  |
| 2002 | F40MSHA    | 2003 | F15PLHB    | 2003 | VZ250TLRB  |
| 2002 | F40TLRA    | 2003 | F15PLRB    | 2003 | Z150TLRB   |
| 2002 | F4MLHA     | 2003 | F2.5MLHB   | 2003 | Z150TXRB   |
| 2002 | F4MSHA     | 2003 | F2.5MSHB   | 2003 | Z175TXRB   |
| 2002 | F50TJRA    | 2003 | F200TXRB   | 2003 | Z250TURB   |
| 2002 | F50TLRA    | 2003 | F225TURB   | 2003 | Z250TXRB   |
| 2002 | F60TLRA    | 2003 | F225TXRB   | 2004 | 115TLRC    |
| 2002 | F6MLHA     | 2003 | F25ELHB    | 2004 | 115TXRC    |
| 2002 | F6MSHA     | 2003 | F25ELRB    | 2004 | 130TLRC    |
| 2002 | F80TJRA    | 2003 | F25ESHB    | 2004 | 130TXRC    |
| 2002 | F80TLRA    | 2003 | F25ESRB    | 2004 | 150TXRC    |
| 2002 | F8MLHA     | 2003 | F25MLHB    | 2004 | 15MSHC     |
| 2002 | F8MSHA     | 2003 | F25MSHB    | 2004 | 25MSHC     |
| 2002 | F9.9ELRA   | 2003 | F25TLRB    | 2004 | 40TLRC     |
| 2002 | F9.9MLHA   | 2003 | F30TLRB    | 2004 | 50TLRC     |
| 2002 | F9.9MSHA   | 2003 | F40EJRB    | 2004 | 60TLRC     |
| 2002 | LF115TXRA  | 2003 | F40ESRB    | 2004 | 70TLRC     |
| 2002 | LF200TXRA  | 2003 | F40MJHB    | 2004 | 8MSHC      |
| 2002 | LF225TURA  | 2003 | F40MLHB    | 2004 | 9.9MSHC    |
| 2002 | LF225TXRA  | 2003 | F40MSHB    | 2004 | 90TLRC     |
| 2002 | LX225TXRA  | 2003 | F40TLRB    | 2004 | DX150TLRC  |
| 2002 | LX250TURA  | 2003 | F4MLHB     | 2004 | F115TJRC   |
| 2002 | LX250TXRA  | 2003 | F4MSHB     | 2004 | F115TLRC   |
| 2002 | LZ150TXRA  | 2003 | F50TLRB    | 2004 | F115TXRC   |
| 2002 | LZ200TXRA  | 2003 | F60TJRB    | 2004 | F115TXRC   |
| 2002 | SX150TXRA  | 2003 | F60TLRB    | 2004 | F115TXRC   |
| 2002 | SX200TXRA  | 2003 | F6MLHB     | 2004 | F150TLRC   |
| 2002 | SX225TURA  | 2003 | F6MSHB     | 2004 | F150TXRC   |
| 2002 | SX225TXRA  | 2003 | F75TLRB    | 2004 | F15ESHC    |
| 2002 | SX250TURA  | 2003 | F8MLHB     | 2004 | F15ESLC    |
| 2002 | SX250TXRA  | 2003 | F8MSHB     | 2004 | F15MLHC    |
| 2002 | T25TLRA    | 2003 | F9.9MSHB   | 2004 | F15MSHC    |
| 2002 | T50TLRA    | 2003 | F9.9ELRB   | 2004 | F15PLHC    |
| 2002 | T8ELHA     | 2003 | F9.9MLHB   | 2004 | F15PLRC    |
| 2002 | T8EXHA     | 2003 | F90TJRB    | 2004 | F2.5MSHC   |
| 2002 | T8PLHA     | 2003 | F90TLRB    | 2004 | F200TXRC   |
| 2002 | T8PLRA     | 2003 | LF115TXRB  | 2004 | F225TURC   |
| 2002 | T8PXHA     | 2003 | LF200TXRB  | 2004 | F225TXRC   |
| 2002 | T8PXR      | 2003 | LF225TURB  | 2004 | F25ELHC    |
| 2002 | T9.9ELHA   | 2003 | LF225TXRB  | 2004 | F25ELRC    |
| 2002 | T9.9ELRA   | 2003 | LX225TXRB  | 2004 | F25ESHC    |
| 2002 | T9.9EXHA   | 2003 | LX250TXRB  | 2004 | F25ESRC    |
| 2002 | V150TLRA   | 2003 | LZ150TXRB  | 2004 | F25MLHC    |
| 2002 | VX200TLRA  | 2003 | LZ200TXRB  | 2004 | F25MSHC    |
| 2002 | VX225TLRA  | 2003 | LZ250TURB  | 2004 | F25TLRC    |
| 2002 | VX250TLRA  | 2003 | LZ250TXRB  | 2004 | F30TLRC    |
| 2002 | VZ150TLRA  | 2003 | SX150TXRB  | 2004 | F40TJRC    |
| 2002 | VZ175TLRA  | 2003 | SX200TLRB  | 2004 | F40MJHC    |
| 2002 | VZ200TLRA  | 2003 | SX200TXRB  | 2004 | F40MLHC    |
| 2002 | Z150TLRA   | 2003 | SX225TURB  | 2004 | F40TLRC    |
| 2002 | Z150TXRA   | 2003 | SX225TXRB  | 2004 | F4MLHC     |
| 2002 | Z175TXRA   | 2003 | SX250TURB  | 2004 | F4MSHC     |
| 2002 | Z200TXRA   | 2003 | SX250TXRB  | 2004 | F50TLRC    |
| 2003 | 115TLRB    | 2003 | T25TLRB    | 2004 | F60TJRC    |
| 2003 | 115TXRB    | 2003 | T50TLRB    | 2004 | F60TLRC    |
| 2003 | 130TLRB    | 2003 | T60TLRB    | 2004 | F6MLHC     |
| 2003 | 130TXRB    | 2003 | T8ELHB     | 2004 | F6MSHC     |
| 2003 | 150TXRB    | 2003 | T8EXHB     | 2004 | F75TLRC    |
| 2003 | 15MSHB     | 2003 | T8PLHB     | 2004 | F8MLHC     |
| 2003 | 25MSHB     | 2003 | T8PLRB     | 2004 | F8MSHC     |
| 2003 | 40TLRB     | 2003 | T8PXHB     | 2004 | F9.9ELRC   |

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| Year | HP / Model | Year | HP / Model | Year | HP / Model |
|------|------------|------|------------|------|------------|
| 2004 | F9.9MLHC   | 2005 | F25ELHD    | 2005 | Z250TXRD   |
| 2004 | F9.9MSHC   | 2005 | F25ELRD    | 2005 | Z300TURD   |
| 2004 | F90TJRC    | 2005 | F25ESHD    | 2005 | Z300TXRD   |
| 2004 | F90TLRC    | 2005 | F25ESRD    | 2006 | 115TLR     |
| 2004 | LF115TXRC  | 2005 | F25MLHD    | 2006 | 115TXR     |
| 2004 | LF150TXRC  | 2005 | F25MSHD    | 2006 | 150TXR     |
| 2004 | LF200TXRC  | 2005 | F25TLRD    | 2006 | 15MSH      |
| 2004 | LF225TURC  | 2005 | F30TLRD    | 2006 | 15PLH      |
| 2004 | LF225TXRC  | 2005 | F40EJRD    | 2006 | 25MSH      |
| 2004 | LZ150TXRC  | 2005 | F40MJHD    | 2006 | 40TLR      |
| 2004 | LZ200TXRC  | 2005 | F40MLHD    | 2006 | 50TLR      |
| 2004 | LZ250TURC  | 2005 | F40MSHD    | 2006 | 60TLR      |
| 2004 | LZ250TXRC  | 2005 | F40TLRD    | 2006 | 70TLR      |
| 2004 | LZ300TURC  | 2005 | F4MLHD     | 2006 | 8MSH       |
| 2004 | LZ300TXRC  | 2005 | F4MSHD     | 2006 | 9.9MSH     |
| 2004 | SX150TXRC  | 2005 | F50TLRD    | 2006 | 90TLR      |
| 2004 | SX200TXRC  | 2005 | F60TJRD    | 2006 | F115TJR    |
| 2004 | T25TLRC    | 2005 | F60TLRD    | 2006 | F115TLR    |
| 2004 | T50TLRC    | 2005 | F6MLHD     | 2006 | F115TXR    |
| 2004 | T60TLRC    | 2005 | F6MSHD     | 2006 | F150TLR    |
| 2004 | T8ELHC     | 2005 | F75TLRD    | 2006 | F15ELH     |
| 2004 | T8EXHC     | 2005 | F8MLHD     | 2006 | F15ESH     |
| 2004 | T8PLHC     | 2005 | F8MSHD     | 2006 | F15MLH     |
| 2004 | T8PLRC     | 2005 | F9.9ELR2D  | 2006 | F15MSH     |
| 2004 | T8PXHC     | 2005 | F9.9ELRD   | 2006 | F15PLR     |
| 2004 | T8PXRC     | 2005 | F9.9MLH2D  | 2006 | F2.5MSH    |
| 2004 | T9.9ELRC   | 2005 | F9.9MLHD   | 2006 | F200TXR    |
| 2004 | T9.9EXHC   | 2005 | F9.9MLHR2D | 2006 | F225TUR    |
| 2004 | V150TLRC   | 2005 | F9.9MSH2D  | 2006 | F225TXR    |
| 2004 | VX150TLRC  | 2005 | F9.9MSHD   | 2006 | F250TUR    |
| 2004 | VX200TLRC  | 2005 | F90TJRD    | 2006 | F250TXR    |
| 2004 | VX225TLRC  | 2005 | F90TLRD    | 2006 | F25ELH     |
| 2004 | VX250TLRC  | 2005 | F90TXRD    | 2006 | F25ELR     |
| 2004 | VZ150TLRC  | 2005 | FMMLHD     | 2006 | F25ESH     |
| 2004 | VZ175TLRC  | 2005 | LF115TXRD  | 2006 | F25ESR     |
| 2004 | VZ200TLRC  | 2005 | LF150TXRD  | 2006 | F25MLH     |
| 2004 | VZ225TLRC  | 2005 | LF200TXRD  | 2006 | F25MSH     |
| 2004 | VZ250TLRC  | 2005 | LF225TURD  | 2006 | F25TLR     |
| 2004 | VZ300TLRC  | 2005 | LF225TXRD  | 2006 | F30MSH     |
| 2004 | Z150TLRC   | 2005 | LZ150TXRD  | 2006 | F30TLR     |
| 2004 | Z175TXRC   | 2005 | LZ200TXRD  | 2006 | F40EJR     |
| 2004 | Z200TXRC   | 2005 | LZ250TURD  | 2006 | F40MJH     |
| 2004 | Z250TURC   | 2005 | LZ250TXRD  | 2006 | F40MLH     |
| 2004 | Z250TXRC   | 2005 | LZ300TURD  | 2006 | F40TLR     |
| 2004 | Z300TURC   | 2005 | LZ300TXRD  | 2006 | F4MLH      |
| 2004 | Z300TXRC   | 2005 | SX200TXRD  | 2006 | F4MSH      |
| 2005 | 115TLRD    | 2005 | T25TLRD    | 2006 | F50TLR     |
| 2005 | 115TXRD    | 2005 | T50TLRD    | 2006 | F60TJR     |
| 2005 | 150TXRD    | 2005 | T60TLRD    | 2006 | F60TLR     |
| 2005 | 15MHSD     | 2005 | T8ELHD     | 2006 | F6MLH      |
| 2005 | 25MSHD     | 2005 | T8EXHD     | 2006 | F6MSH      |
| 2005 | 40TLRD     | 2005 | T8PLHD     | 2006 | F75TLR     |
| 2005 | 50TLRD     | 2005 | T8PLRD     | 2006 | F8MLH      |
| 2005 | 60TLRD     | 2005 | T8PXHD     | 2006 | F8MSH      |
| 2005 | 70TLRD     | 2005 | T8PXRD     | 2006 | F9.9ELR    |
| 2005 | 8MSHD      | 2005 | T9.9ELH2D  | 2006 | F9.9ELR2   |
| 2005 | 9.9MHSD    | 2005 | T9.9ELHD   | 2006 | F9.9MLH    |
| 2005 | 90TLRD     | 2005 | T9.9ELR2D  | 2006 | F9.9MLH2   |
| 2005 | DX150TLRD  | 2005 | T9.9ELRD   | 2006 | F9.9MSH    |
| 2005 | F115TJRD   | 2005 | T9.9EXH2D  | 2006 | F9.9MSH2   |
| 2005 | F115TLRD   | 2005 | T9.9EXHD   | 2006 | F90TJR     |
| 2005 | F115TXRD   | 2005 | V150TLRD   | 2006 | F90TLR     |
| 2005 | F150TLRD   | 2005 | VX200TLRD  | 2006 | F90TXR     |
| 2005 | F150TXRD   | 2005 | VZ150TLRD  | 2006 | LF115TXR   |
| 2005 | F15ELHD    | 2005 | VZ175TLRD  | 2006 | LF150TXR   |
| 2005 | F15ESHD    | 2005 | VZ200TLRD  | 2006 | LF200TXR   |
| 2005 | F15MLHD    | 2005 | VZ225TLRD  | 2006 | LF225TUR   |
| 2005 | F15MSHD    | 2005 | VZ250TLRD  | 2006 | LF225TXR   |
| 2005 | F15PLHD    | 2005 | VZ300TLRD  | 2006 | LF250TUR   |
| 2005 | F15PLRD    | 2005 | Z150TXRD   | 2006 | LF250TXR   |
| 2005 | F2.5MSHD   | 2005 | Z175TXRD   | 2006 | LZ150TXR   |
| 2005 | F200TXRD   | 2005 | Z200TLRD   | 2006 | LZ200TXR   |
| 2005 | F225TURD   | 2005 | Z200TXRD   | 2006 | LZ250TXR   |
| 2005 | F225TXRD   | 2005 | Z250TURD   | 2006 | LZ300TRU   |

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| 12058   | 43,60          |
| 12059   | 44,60          |
| 12064   | 45,60          |
| 12066   | 38,60          |
| 12067   | 4,5,53,61      |
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| 12069   | 2,3,14-17,     |
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| 12078   | 50,51,60,61    |
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| 12264   | 6,7,55,61      |
| 12275   | 52,61          |
| 12276   | 47,60          |
| 12277   | 40,60          |
| 12278   | 39,60          |
| 12279   | 46,60          |
| 12281   | 39,60          |
| 12282   | 50,60,61       |
| 12283   | 48,60          |
| 12284   | 42,60          |
| 12285   | 41,60          |
| 12286   | 8,9,54,61      |
| 12287   | 45,60          |
| 12288   | 46,60          |
| 12289   | 47,60          |
| 12291   | 48,60          |
| 12292   | 49,60          |
| 12293   | 50,60,61       |
| 12294   | 51,60,61       |
| 12295   | 52,61          |
| 12296   | 4,5,53,61      |
| 12297   | 8,9,54,61      |
| 12298   | 12,13,57,61    |
| 12299   | 6,7,55,61      |
| 12443   | 52,61          |
| 12445   | 38,60          |
| 12446   | 45,46,60       |
| 12447   | 48,49,60       |
| 12508   | 40,60          |
| 12511   | 2,3,14-17,     |
|         | 59,61,62       |
| 12513   | 50,51,60,61    |
| 12514   | 48,49,60       |
| 12515   | 39,60          |
| 12517   | 38,60          |
| 12518   | 4,5,53,61      |
| 12519   | 18,19,58,62    |
| 12521   | 12,13,57,61    |
| 12522   | 6-11,54-56,61  |
| 12523   | 52,61          |

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| 12670   | 67             |
| 12675   | 67             |
| 12743   | 64,67          |
| 12744   | 65             |
| 12745   | 65             |
| 12748   | 64,67          |
| 12808   | 2-19,53-59     |
| 12809   | 38,60          |
| 12841   | 65             |
| 12842   | 65             |
| 12843   | 65             |
| 12844   | 64             |
| 12845   | 64             |
| 12846   | 66             |
| 12847   | 66             |
| 12848   | 66             |
| 12849   | 66             |
| 12855   | 66             |
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| 12861   | 67             |
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|         | 53-59,61,62    |
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| 12872   | 52,61          |
| 12873   | 47,60          |
| 12874   | 47             |
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| 12876   | 39,60          |
| 12877   | 39             |
| 12878   | 43,60          |
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| 12882   | 64             |
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| 22429   | 47              |
| 22501   | 51              |
| 22502   | 6,7,10,11,38,   |
|         | 45,49, 55,56    |
| 22503   | 45,49           |
| 22504   | 2-5, 8,9,12-19, |
|         | 48,53,54,57-59  |
| 22505   | 42,51           |
| 22506   | 6,7,10,11,55,56 |
| 22507   | 43,44           |
| 22508   | 41,50,52        |
| 22509   | 52              |
| 24700   | 74              |
| 24701   | 75              |
| 24702   | 75              |
| 24703   | 76              |
| 24704   | 76              |
| 24710   | 74              |
| 24720   | 74              |
| 24723   | 76              |
| 24730   | 74              |
| 24734   | 76              |
| 24740   | 74              |
| 24741   | 75              |
| 24743   | 76              |
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| 24960   | 85             |
| 24962   | 85             |
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| 25010   | 84             |
| 25011   | 84             |
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| 38036   | 29             |
| 38037   | 30             |
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| 38039   | 30             |
| 38040   | 28             |
| 38041   | 29             |
| 38042   | 28             |
| 38106   | 31,41,42,45,46 |
| 38107   | 31,39          |
| 38108   | 31,44          |
| 38109   | 28,43,44       |
| 38300   | 2,3,6-19,27    |
| 38301   | 2,3,6-19,27    |
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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 on commercial, rental, or income producing activities are warranted for a period of ninety (90) days. Only a person who has purchased or 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 technician, or the individual. This warranty applies to defects in material and workmanship only; it does not apply to the following: alteration, removal, or parts, adjustments, tune ups, fuel 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 end. 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 in a written offer. 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 cost only. 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), on 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 # \_\_\_\_\_ 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

Date Called: \_\_\_\_\_ Ship to: GLM Products, Inc.  
705 Los Angeles Avenue  
Monrovia, CA 91016

Caller Name: \_\_\_\_\_  
Company Name: \_\_\_\_\_

### 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



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

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



**Manifold Catalog**

**\$6.00 USD**  
GYA12V1