

## NEW REPLACEMENT POWER TRIM/TILT MOTORS & PUMPS FOR JOHNSON/EVINRUDE, CHRYSLER/FORCE, OMC STERN DRIVE & SUZUKI O/B

### PT 102NM

#### NEW 12V 3-Wire Motor

Power Tilt Motor  
Fits **Johnson/Evinrude**  
Rplc. **OMC** # 172588, 173944  
Rplc. **Prestolite** ETF4003, ESZ4015, ESZ4017 & ESI-4001  
**OMC PUMP ASSY** # 173946  
3-Wire Connection



### PT 114N

#### NEW 12V 3-Wire Motor/Reservoir

Fits **Johnson/Evinrude**  
Rplc. **OMC** #s 172850 & 173596 **Prestolite** #s ESQ4006, ESQ4007-1 & ESQ4009S  
3-Wire Connection, O-Ring included  
4.25" Diameter Reservoir Base



### PT 112N

#### NEW 12V 3-Wire Motor/Reservoir

Fits **Johnson/Evinrude & Chrysler/Force**  
Rplc. **Chrysler** #'s 449541-1 & 455541  
**Force** #'s F17563 & 17556, FK654541  
**OMC** #'s 172543 & 382715  
**Prestolite** #'s ESZ4009, ESZ4012, ESZ4014 & ETX4001  
3-Wire Connection, O-Ring included  
3.5" Diameter Reservoir Base



### PT 114N-RP

#### NEW 12V 3-Wire Motor/Reservoir/ Remanufactured Pump

Send us your pump core & we will custom remanufacture it to OE Spec and install onto a New Motor/Reservoir.



Exchange pump core required

### PT 112N-NP

#### NEW 12V 3-Wire Motor/Reservoir/Pump

This unit comes complete with a New Hydraulic Valve Body. Please specify when ordering if you require a 2,3,or 4 line Hydraulic Valve Body for your application.  
Fits **Johnson/Evinrude, Chrysler and Suzuki O/B**  
Fits **Suzuki** DT85 1979-89, DT75 1983-89, DT50 1980-82, DT65 1980-90, DT115-140 1981-89  
Rplc. **Suzuki** #'s 48550-95500-01J, 48500-95290-OED, 48500-94620-OED, 48500-94690-OED



### PT 115N

#### NEW 12V 2-Wire Motor/Reservoir

Tilt Motor for **OMC Stern Drive**  
Fits 1975-77 175, 190 & 235 H.P.; 1978 240 H.P.; 1979 250 H.P.; 1980 3.8 Liter, 1981 3.8, 5.0 & 5.7 Liter Engines  
Rplc. **Prestolite** # ESQ4012  
Rplc. **OMC** #'s 983195, 982957  
2-Wire Connection, O-Ring included



### PT 115N-RP

#### NEW 12V 2-Wire Motor/Reservoir/ Remanufactured Pump

Send us your pump core & we will custom remanufacture it to OE Spec and install onto a New Motor/Reservoir.



Exchange pump core required

### PT 113N

#### Calco Power Trim/Tilt Unit EXCHANGE ONLY

**Johnson & Evinrude** 1973-79  
Rplc. **OMC** # 172847

Distinguishing Features:  
Wire exits motor straight out the top end cap & the hydraulic pump is fastened to reservoir with 5 screws



Send us your original reservoir and we will machine & custom install a new motor.

**"Send us your cores!"**

**\*Units that require a core exchange may take up to 4 weeks to process.**

### PT 116N-3

#### NEW 12V 2-Wire Motor/Reservoir

Fits **Force** O/B 85-150 H.P. Engines  
Fits 1986-91  
Rplc. **Force** #'s 820545, F694541-1 & F694541-2  
2-Wire Motor, O-Ring included



**PT 116N-NP**

**NEW 12V 2-Wire Motor/Reservoir/Pump**

This unit comes complete with a New 4-line Hydraulic Valve Body.  
 Replaces **Force** # F660541  
 Fits **Force** and **Suzuki** O/B  
 Fits **Suzuki** DT85 1990-94, DT 75 1990-94, DT65 1990-94, DT115 1990-94, DT140 1990-94  
 Rplc. **Suzuki** #'s 48500-95550-OED, 48500-95680-OED



**PT 200NM**

**NEW 12V 2-Wire Motor**

Fits **OMC** 1965-79 Power Tilt  
 Rplc. **OMC** # 380361, 382138 & 382220  
 Rplc. **Prestolite** # ETK-4102  
 2-Wire Connection



**PT 201NM**

**NEW 12V 3-Wire Motor**

Fits **OMC** Stern Drive 1980-85 Power Tilt  
 Rplc. **OMC** #'s 982058 & 982706  
**Prestolite** #'s EVD4001 & EVD4002  
 3-Wire Connection



**PT 202NM**

**NEW 12V 3-Wire Motor**

Fits **OMC** **Cobra**  
 Rplc. # 984356  
 3-Wire Motor, with Male Spade Connectors



**PT 250NM**

**NEW 12V 3-Wire Motor**

Rplc. **ESQ** # 4005, 4010, 4017  
**OMC** #'s 982069, 982073  
 Fits **OMC** Stern-Drive 1979-1985 2.5L & 3.0L  
 3-Wire Motor with ring terminal ends



**PT 300NM**

**NEW 12V 3-Wire Motor**

Fits **Johnson/Evinrude** V-4 & V-6 O/B Power Trim/Tilt 1976-80  
**OMC** #'s 387277, 582048, 582155  
**Prestolite** # EVC4002  
 3-Wire Motor, O-Ring included



**PT 301NM**

**NEW 12V 2-Wire Motor**

Fits **Johnson/Evinrude** & **OMC** Sea Drive 1981-92  
 Rplc. **OMC** #'s 391264, 393259, 393988, 394176, 983019, 983446, 985237  
 Rplc. **Prestolite** # PMW4002  
 2-Wire Connection, 3-Bolt Mount  
 O-Ring included



**PT 302NM**

**NEW 12V 2-Wire Motor**

Fits **Johnson/Evinrude** 40, 48, 50 H.P. O/B Engines 1992-up  
**OMC** #'s 435532 & 437801  
**Honda** 35-50 H.P. '92-Up  
**Honda** # 36120-ZV5-821  
 2-Wire Connection, 4-Bolt Mount  
 O-Ring included  
 Hollow Hex Armature Shaft, Female Spade Terminals



**PT 303NM**

**NEW 12V 2-Wire Motor**

Fits **Johnson/Evinrude** Fast Track 1991-Up (60 - 225 H.P. Engines)  
 1991-94 (120, 140 H.P. Engines)  
 1995-Up (50 H.P., 3-Cyl., 60 H.P. V-4, 90, 115, 130 H.P.)  
 2-Wire Connection, 4-Bolt Mount  
**OMC** #'s 434495, 434496, 438529, 438531, 5005374, 5005376  
 Includes Flat Blade Shaft Coupler & O-Ring  
 Fits **Honda** O/B with Shoa system



**PT 304NM-3**

**NEW 12V 2-Wire Motor**

Fits **OMC** **Cobra** Stern Drives All Models 1989-93  
 Rplc. **OMC** # 986280  
**Volvo** 1994-Up 3.0-8.2L  
**Volvo** # 3853945  
 2-Wire Connection, 3-Bolt Mount  
 O-Ring included



**NEW REPLACEMENT POWER TRIM/TILT MOTORS & PUMPS FOR  
JOHNSON/EVINRUDE & VOLVO PENTA**

**PT 305NM**

**NEW 12V 2-Wire Motor**

Fits **OMC** OB, 75-250 H.P. FFI,  
1998-Up  
Rplc. **OMC** #'s 438786,  
439937 & 5005254  
Female Sealed Terminal Ends  
O-Ring included



**PT 308NM**

**NEW 12V 2-Wire Motor**

Rplc **OMC** # 433226  
Fits **OMC** O/B 1989-92  
M-Suffix 40,48,50 H.P.  
2-Wire 4-Bolt Mount  
Hollow Hex Shaft  
Male Spade Terminals  
O-Ring included



**PT 309NM-3**

**NEW 12V 2-Wire Motor**

Fits **OMC** V6 - 1993 & Commercial  
V8 - 1993-Up  
Rplc. # 435548  
Female Spade Terminals  
O-Ring included



**PT 401NM**

**NEW 12V 4-Wire Motor  
Female Plug**

Rplc. **Electrolux** # KS 3448/290  
Rplc. **Volvo** # 839430



**PT 402NM**

**NEW 12V 4-Wire Motor  
Male Plug**

Rplc. **Electrolux** # KS 3448/300  
Rplc. **Volvo** #'s 850046-4  
& 853520



**PT 403NM**

**NEW 12V 3-Wire Motor**

Rplc. **Volvo** #s 897720-9 &  
854329-0  
Rplc. **Electrolux** Part # KS 3448/240



**PT 404NM-3**

**NEW 12V 2-Wire Motor**

Fits **Volvo Penta**  
Rplc. **Volvo** # 850834-3  
**Electrolux** # KP5024/120  
2-Wire Connection



**PT 405N**

**NEW 12V 3-Wire  
Motor/Reservoir**

Rplc. **Prestolite** # EVH4002  
3-Wire Connection, O-Ring included



**PT 405N-NP**

**NEW 12V 3-Wire  
Motor/Reservoir/Pump**

This unit comes complete with a  
new 2-Line Hydraulic Valve Body  
Rplc. **Volvo Penta** # 852928, 854346,  
873051, 872449, 853084 & 853083



**PT 406N-2**

**NEW 12V 2-Wire  
Motor/Reservoir/Pump**

Fits Late Model **Volvo Penta**  
w/Oilydne Pump.  
Supplied with # RES550 Left Side Fill Reservoir  
Rplc. **Volvo Penta** # 3857265,  
3861027, 3863243 & 3586765





**NEW REPLACEMENT POWER TRIM/TILT MOTORS & PUMPS FOR  
MERCUISER, VOLVO PENTA & MERCURY/MARINER OB**

**PT 406NM-3**

**NEW 12V 2-Wire Motor**

2-Wire Connection

Replaces **Volvo** # 854525, 3858071

O-ring included



**VB 406N-2**

**NEW Pump/Reservoir**

This unit is supplied with # RES550 - Left

Side Fill Reservoir and # 3 SAE

Inverted Flair Fittings.

This is a high volume pump.



**PT 407NM-3**

**NEW 12V 2-Wire Motor**

Fits **Volvo Penta** SX Drives

This Motor fits the "Later Version"

Hydraulic Trim Pump used on **Volvo**.

Rplc **Volvo** # 3861575

Fits on Trim Pump Assy #'s 3587079,

3860879, 3858069



**PT 408N**

**NEW 12V 2-Wire  
Motor/Reservoir/Pump**

Fits **Volvo Penta** Late Model applications  
using O-Ring Fittings. Supplied with

# RES550 - Left Side Fill Reservoir.

Replaces **Volvo** #'s 3857079, 3857489,

3858069, 3860879



**PT 409NMK**

**NEW 12V 2-Wire Motor Kit**

Fits **Volvo Penta** "later version"

Trim pump used on XH.P.-B, XH.P.-BLT,

XXP-A & XXP-ALT

Rplc. **Volvo** # 3861576



**PT 440ABN**

**NEW 12V 3-Wire Motor/Reservoir**

Fits **Mercury** O/B, **Mercruiser** &

Early **Volvo Penta**

Rplc. **Merc** #'s 88475A5, 93247A4,

A7, 92975A6, A28, 76395A2,

A5, 67914A2

(Screws, Gasket & Drive Shaft

Coupler included) 3-Wire Connection



**PT 440N**

**NEW 12V 3-Wire  
Motor/Reservoir/Reman Pump**

Rplc. **Merc** #'s 67914A1, 74436A9,

76395A5, 79271A4, 88475A5, 92975A6

This unit is supplied complete with  
motor/reservoir/hydraulic pump, but

does not include the valve block.

Use the original valve block to connect

the hydraulic lines to the API pump.



**PT 470N**

**NEW 12V 3-Wire Motor/Pump**

3-Wire Version of PT 475TN-3

Same applications rplc. **Merc** #'s 99186

& 99186T

**No Wire Harness Necessary**



**PT 471NMK**

**NEW 12V 3-Wire Motor Kit**

This is the 3-wire version of PT476NMK

**No Wire Harness Necessary**



**PT 472NM**

**NEW 12V 3-Wire Motor**

This is the 3-wire version of

PT485NMK-2

**No Wire Harness Necessary**

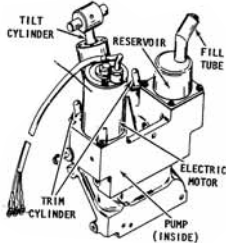


**NEW REPLACEMENT POWER TRIM/TILT MOTORS & PUMPS FOR FORCE & MERCURY/MARINER OB**

**PT 475TN-4**

**NEW 12V 2-Wire Motor/Pump & Wire Harness**

Fits **Mercury/Mariner** 35-225 H.P. O/B 1985-92 with Design 1, 3-RAM Side Fill Integral Trim/Tilt System  
Rplc. **Merc** #'s 99186, 99186-1 & 99186T  
Rplc. **Round Prestolite** Motor & Square **Eaton** Motor  
2-Wire Connection. Supplied complete with mounting bolts & Wire Harness # WH476  
For New Motor Replacement Kit, see PT476NMK-2



PT470N, PT471NMK, PT475TN-4 & PT476NMK-3 FIT ON THIS DESIGN 1, 3-RAM, INTEGRAL MERCURY T/T SYSTEM WITH SIDE OIL FILL.  
\*For 3-wire version, see PT470N

**PT 476NMK-3**

**NEW 12V 2-Wire Motor/Kit**

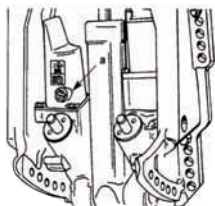
Kit includes: New 2-Wire Motor, Mounting Flange for the Original **Mercury** Pump, New Oil Seal, O-Ring, Coupler, Hardware & Wire Harness # WH476  
This is the replacement motor kit for **Mercury** # 99186T, obsolete square Eaton motors used from 1985-92.



**PT 485NMK-3**

**NEW 12V 2-Wire Motor & Wire Harness**

Fits **Mercury/Mariner** 1993-95 Design 11, Aft Fill 3-Ram Integral Trim/Tilt System  
Rplc. 3-Wire Square Motor  
Rplc. **Merc** # 811628 with an API 2-Wire High Performance Motor & Conversion Wire Harness (WH476) Flat Blade Coupler & O-Ring included



PT472NM, PT485NMK-3 & PT486NM FIT THIS DESIGN 11, 3 RAM, INTEGRAL MERCURY T/T SYSTEM WITH AFT OIL FILL. BOTH PT472NM & PT485NMK-3 CAN BE USED TO REPLACE THE EARLIER SQUARE 3-WIRE MOTOR USED FROM 1992-1995. PT486NM REPLACES THE 2-WIRE MOTOR USED FROM 1996-UP.

**PT 486NM**

**NEW 12V 2-Wire Motor**

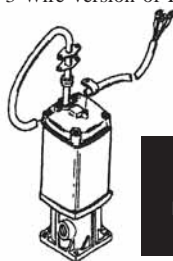
Fits **Mercury & Mariner** O/B 1996-Up 135, 150XRG Magnum III, 175, 200, 225, 250 H.P. 105-140 H.P. Jet  
Rplc. **Merc** # 828708, 878265A1, A4 2-Wire Motor  
O-Ring included



**PT 490N**

**NEW 12V 3-Wire Motor/Reservoir**

No Wire Harness Necessary  
3-Wire version of PT495NK-3



OE Unit Pictured as a Line Art Drawing  
PT490N and PT495NK-3 can both replace the OE unit.

**PT 495NK-3**

**NEW 12V 2-Wire Motor/Reservoir & Wire Harness**

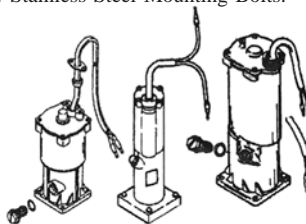
Fits **Mercury, Mariner & Force** Single Ram Tilt Systems.  
Fits Assembly # 824051  
Includes: Conversion Wire Harness # WH476  
Coupler, O-Ring & Mounting Bolts.



**PT 497NK**

**NEW 12V 2-Wire Motor/Reservoir**

Fits **Mercury & Mariner** 1 Ram Tilt Systems & **Force** 2-Ram Trim/Tilt Systems  
Rplc. #'s 811674, 811699, 813447, 809885A1, A2 Includes: Coupler Kit, Gasket & 4 Stainless Steel Mounting Bolts.



PT497NK WILL REPLACE ALL OF THESE OE UNITS

### **PT 498NM**

#### **NEW 12V 2-Wire Motor**

Fits Late Model 25-50 H.P.  
**Mercury & Mariner** Outboards.  
Rplc. **Merc** # 827675A1.  
2-Wire Connection



### **PT 501N-2**

#### **NEW 12V 3-Wire Motor/Reservoir/Pump**

Fits **Mercury** O/B 225-275 H.P.  
Rplc. **Merc** #'s 823653A5, 92459A4  
3-Wire Connection  
This unit is supplied with # RES501  
3.5" Steel Reservoir



### **PT 500N-2**

#### **NEW 12V 3-Wire Motor/Reservoir/Pump**

Fits Late Model **Mercruiser** using a  
3-Wire Motor w/an **Oildyne** Pump  
Rplc. **Merc** #'s 14336A8, A20 & 88183A12  
Supplied with # RES500L - Right Side Fill Reservoir



### **VB 501N-2**

#### **NEW Pump/Reservoir**

This unit is supplied with # RES501 Steel  
Reservoir and # 3 SAE Inverted Flair Fittings.  
This is a high volume pump.



### **VB 500N-2**

#### **NEW Pump/Reservoir**

This unit is supplied with # RES500L  
Right Side Fill Reservoir and # 4 SAE  
Inverted Flair Fittings.  
This is a high volume pump.



### **PT 504N-2**

#### **NEW 12V 3-Wire Motor/Reservoir/Pump**

Fits **Mercury/Mercruiser**  
Rplc. **Merc** #'s 92459A3, 92459A8,  
846859A4 & 818161A2  
3-Wire Connection, #3 SAE Inverted Flair Fittings  
This is a High Pressure Pump  
for Racing Applications



This Unit is Supplied with a 5" Steel Reservoir # RES504

### **PT 500NM-2**

#### **NEW 12V 3-Wire Motor**

Rplc. **Merc** #'s 17649A1 & 87828  
This Motor fits API #'s PT500N-2,  
PT501N-2, PT504N-2, PT505N-2,  
PT506N-2, PT507N-2,



### **VB 504N-2**

#### **NEW Pump/Reservoir**

This unit is supplied with a 5" Steel  
Reservoir # RES504 and  
#3 SAE Inverted Flair Fittings  
This is a low volume high pressure pump.





Click on underlined **PART NUMBER** to see pricing. Call 1-800-506-1606 for help ordering.

## NEW REPLACEMENT HYDRAULIC POWER PACKS FOR SYSTEMS USING OILDYNE STYLE MOTORS/PUMPS SUCH AS MERCURISER & KEIKHAEFER TRIM TABS

### **PT 505N-2**

#### **NEW 12V 3-Wire Motor/Reservoir/Pump**

This pump has a gear set that produces Low Flow Rate with High PSI. This pump can be used to drive K-Plane Trim Tabs. This unit is supplied with # RES500L - Right Side Fill Reservoir.



### **VB 505N-2**

#### **NEW Pump/Reservoir**

This unit is supplied with # RES500L - Right Side Fill Reservoir. The port sizes are 1/8" NPT. Brass fittings can be supplied upon request to fit your specifications.



### **PT 506N-2**

#### **NEW 12V 3-Wire Motor/Reservoir/Pump**

This pump has the same gear set used in the PT500N-2, but this unit comes with # RES550 - Left Side Fill Reservoir



### **VB 506N-2**

#### **NEW Pump/Reservoir**

This is the same pump as PT500N-2 used on **MerCruiser** applications, but this unit is supplied with # RES550 - Left Side Fill Reservoir. The port sizes are 1/8" NPT. Brass fittings can be supplied upon request to fit your specifications.



### **PT 507N-2**

#### **NEW 12V 3-Wire Motor/Reservoir/Pump**

This pump has a gear set that produces Low Flow with High PSI. This pump can be used to drive K-Plane Trim Tabs. This unit is supplied with # RES550L - Left Side Fill Reservoir.



### **VB 507N-2**

#### **NEW Pump/Reservoir**

This unit is supplied with # RES550 - Left Side Fill Reservoir. The ports sizes are 1/8" NPT. Brass fittings can be supplied upon request to fit your specifications.



### **PT 510N**

#### **NEW 12V 3-Wire Motor/Reservoir/Pump With Mounting Bracket & Wire Harness**



This system is ready to plug into a Mercruiser Wire Harness

### **PT 524N-2**

#### **NEW 24V 3-Wire Motor/Reservoir/Pump**

This is a 24V motor and VB500N-2, High volume pump same as used on **MerCruiser** applications. This unit is supplied with # RES500L - Right Side Fill Reservoir. The port sizes are 1/8" NPT. Brass fittings can be supplied upon request to fit your specifications



### **PT 524NM**

#### **NEW 24V 3-Wire Motor**



### PT 600NM-3

#### NEW 12V 2-Wire Motor

Fits **Yamaha** O/B  
 1987-95, 115-200 H.P. &  
 1990-91, 225 H.P.  
 Rplc. **Yamaha** #'s 6G5-43880-02-00  
 2-Wire Connection, 3-Bolt Mount  
 O-Ring & Coupler included



Flange diameter 68.3 mm Shaft  
 thickness 2 mm

### PT 602NM

#### NEW 12V 2-Wire Motor

Fits **Yamaha 2-Stroke** 1992-95,  
 50-90 H.P.;  
 1994, 40 H.P.; 1996, 70-90 H.P.;  
 1997-Up, 60, 70 & 90 H.P.  
 Rplc. **Yamaha** # 6H1-43880-02-00  
 2-Wire Connection, 3-Bolt Mount  
 (2) O-Rings included



Flange Diameter 68.3MM, Shaft Thickness 4MM.

### PT 603NM-3

#### NEW 12V 4-Wire Motor

Fits **Yamaha** 225-250 H.P. O/B  
 Rplc. **Yamaha** #'s 61A-43880-01-00,  
 61A-43880-02-00.  
 3-Bolt Mount, 4-Wire Connection  
 O-Ring included



### PT 607NM

#### NEW 12V 2-Wire Motor

New **Yamaha** Replacement  
 Fits 115-225 H.P. engines  
 1997-2002  
 115-V150 2004-2006  
 4-Stroke F115 & LF115 2004-2006  
 2-Wire ring terminal connection  
 4-bolt mount, (2) O-Rings included  
 Rplc. **Yamaha** #'s 64E-43880-00-00, 64E-43880-01-00,  
 68V-43880-00-00, 67H-43880-00-00



### PT 611NM

#### NEW 12V 2-Wire Motor

Rplc. **Yamaha** # 62X-43880-09-00  
 Fits **Yamaha** 40-100 H.P. 1995-2003  
 2-Wire Motor, 3-Bolt Mount  
 O-Ring Included



### PT 613NM

#### NEW 12V 2-Wire Motor

Rplc. **Yamaha** # 6H5-43880-02-00  
 Fits **Yamaha** 40-50 H.P. 1985-92  
 2-Wire Motor, 4-Bolt Mount  
 O-Ring included



### PT 614NM

#### NEW 12V 2-Wire Motor

Looks the same as PT 611, but has a  
 longer shaft. Approximately 1.5 inch  
 from oil seal to flat blade. Used on  
 2-stroke & 4-stroke applications.  
 Fits 40-50 **Yamaha** 2003 4-Stroke &  
 High Thrust, Fits 2002 40-50 C-40 4-Stroke  
 40 High Thrust 01 T50 & 02 F50, 3-Bolt Mount  
 Fits 2003-2004 F60  
 Fits 2006 40TLR 2-Stroke, 50TLR 2-Stroke  
 Rplc. **Yamaha** #'s CS3-43880-00-00, 62Y-43880-01-00  
 O-ring included



### PT 615NM

#### NEW 12V 2-Wire Motor

Fits **Yamaha** O/B 4-Stroke Engines.  
 Used on 75,80,90 & 100 H.P. 2003-up  
 Rplc. **Yamaha** #'s 67F-43880-00-00  
 4 Bolt Mount,  
 2 Wire Connection  
 O-ring included



### PT 616NM

#### NEW 12V 2-Wire Motor

Fits **Yamaha** 2004-2006  
 F200,F225,F250  
 LF200,LF225,LF250  
 LZ250,LZ300,Z250,Z300  
 Replaces **Yamaha** # 69J-43880-00-00,  
 # 60V-43880-00  
 2-Wire Motor, 3-Bolt Mount  
 O-Ring included



### PT 625NM

#### NEW 12V 2-Wire Motor

Fits **Yamaha** 2005-2006  
 F50 & F60  
 Rplc. **Yamaha** # 6C5-43880-01-00  
 2-wire motor, 3-bolt mount  
 O-ring included



More Yamaha motors for early applications on page 29



**NEW REPLACEMENT POWER TRIM/TILT MOTORS FOR SUZUKI, NISSAN, HONDA & TOHATSU O/B  
GOOD AUTOMATIC WINDLASS MOTORS & CMC JACK PLATE SYSTEMS**

**PT 650NM**

**NEW 12V 3-Wire Motor**

Fits **Suzuki** O/B DT150 & DT200 1986-90  
Fits DT90 1989-97, DT100 1989-97,  
Rplc. #'s 38100-87E10-OED,  
38100-87D00-02H, 01T  
3-Wire Connection  
3-Bolt Flange, O-Ring included



**PT 651NM-2**

**NEW 12V 2-Wire Motor**

Fits **Suzuki** O/B V4-V6 1990-2003,  
**Tohatsu** O/B, **Nissan** 40-50 H.P.  
2-Wire Connection, 3-Bolt Flange  
Motor has a Female Hex Shaft  
O-Ring & Mounting Bolts included  
Rplc. **Suzuki** #'s 38100-92E00-OED,  
38100-87D10-OED & 38100-87E20-OED  
Fits 91-97 DT90, 91-00 DT100, 91-03 DT150,  
91-92 DT175, 91-00 DT200, 91-03 DT225



**PT 652N**

**NEW 12V 3-Wire Motor/  
Reservoir**

Fits early **Suzuki** O/B  
With side mount Power T/T  
**This unit requires a  
reservoir core exchange.**  
This unit uses a 3-wire motor.



\*PT112N-NP can Rplc PT652N

**PT 653NM**

**NEW 12V 2-Wire Motor**

2-Wire, 4-Bolt Mount  
Fits **Suzuki** O/B  
DF60 2001-07, DF70 2001-07,  
DF90 2001-07, DF115 2002-07,  
DF140 2002-07, DF150 2006-2007,  
DF175 2006-07, DF200 2004-07, DF225 2004-07,  
DF250 2004-07, DF300 2004-07  
Rplc. **Suzuki** #'s 38100-92J02, 92J10, #38100-93J01, 93J02,  
#38100-96J00



O-ring included

**PT 654N**

**NEW 12V 2-Wire Motor/Reservoir**

Fits Later Model **Suzuki** O/B with side  
mount Power T/T.  
Send in your reservoir core and we  
will install a New 2-wire motor.

**This unit requires a  
reservoir core exchange.**

\*PT116N-NP can Replace PT654N



**PT 655NM**

**NEW 12V 2-Wire Motor**

Fits **Suzuki** 40 H.P.  
Repl. **Suzuki** # 38100-87J-OEP  
Fits DF40 1999-00, DF50 1999-00  
4-Bolt Mount, 2-wire connection  
Hollow Hex Shaft  
O-ring included



**PT 656NM**

**NEW 12V 2-Wire Motor**

Fits **Suzuki** 40 & 50 H.P. 4-Stroke  
Replaces **Suzuki** #'s 38100-87J11, 38100-87J20  
4-Bolt Mount, 2-Wire Hook-up  
Male slot shaft, O-ring included  
Fits **Honda** 40 & 50 H.P.  
Rplc. **Honda** # 36120-ZV5-822  
*O/E Motor Pictured, API Motor does  
not include the plastic connector.  
Install O/E connector onto API Wire Harness.*



**PT 657NM**

**NEW 12V 2-Wire Motor**

2-Wire, 2-Bolt Mount  
Fits **Suzuki** O/B  
DF60 1998-00, DF70 1998-00,  
DT65 1995-97, DT75 1995-97, DT85  
1995-00, DT115 1996-01, DT140 1996-01  
O-ring included



Replaces **Suzuki** #'s 3810-99E01-OEP, 38100-95E01-OED

**PT 658NM**

**NEW 12V 2-Wire Motor**

Fits **Nissan/Tohatsu**  
Rplc # 3E 0771800  
6' wire lead  
O-ring included



**WM 100N**

**NEW 12V 3-Wire Winch Motor**

Fits **Good Automatic Windlass**  
Rplc. **Prestolite** #'s  
EVH4001 & ESP4001  
3-Wire Connection



**JPM 100**

**NEW 12V 2-Wire Jack Plate Motor**

Fits on **CMC** Jack plates  
2-wire motor  
Mounting screws &  
Gasket included



## 2-WIRE UPGRADE KITS FOR EARLY 3-WIRE YAMAHA T/T MOTORS

### PT 608NK-3

#### NEW 12V 2-Wire Motor/ Wire Harness

Replaces 3-Wire **Yamaha** Trim/Tilt Motor with a High Performance 2-Wire Motor & Wire Harness/Relay Kit. Fits 115-225 H.P. O/B Engines 1987-91 Rplc. **Yamaha** # 6G5-43880-00-00; 01-00 3-Bolt Mount, O-Ring & coupler included.



**PT608NM Mounting Flange Measures 68.3mm in Diameter where O-Ring seals to the Oil Reservoir & the Armature Shaft Flat Blade is 2mm Thick.**

### PT 609NK-3

#### NEW 12V 2-Wire Motor/ Wire Harness

Rplc. 3-Wire **Yamaha** Trim/Tilt Motor w/a High Performance 2-Wire Motor & Wire Harness/Relay Kit. 3-Bolt Mount, O-Ring included Fits 60-90 H.P. 1987-91, 115 H.P. 1984 & 60-90 H.P.1987-91 Rplc. **Yamaha** # 6H1-43880-00-00



**PT609NM Mounting Flange Measures 70.5mm in Diameter where O-Ring seals to the Oil Reservoir & the Armature Shaft Flat Blade is 4mm Thick.**

### PT 612NK-3

#### NEW 12V 2-Wire Motor/ Wire Harness

Rplc. 3-Wire **Yamaha** Trim/Tilt Motor on 50-200 H.P. 1985-86 O/B Engines.



**PT612NM Mounting Flange Measures 68.3mm in diameter & Armature Shaft Flat Blade is 4mm Thick.**

Rplc. **Yamaha** # 6E5-43880-01-00; 02-00; 688-43880-11-00  
O-ring included

**Shaft Flat Blade Thickness**  
(2mm = .0785") or  
(4mm = .158")

**Flange Diameter**  
(68.3mm = 2.689") or  
(70.5mm = 2.775")

**WIRE HARNESS RELAY KIT**  
API # WH476 is included with  
PT608NK, PT609NK & PT612NK

#### CAUTION!

The Early O/E Yamaha Motors Look Very Similar.  
Measure your O/E motor Flange & Armature Shaft Flat Blade to determine which API Motor Kit you need.

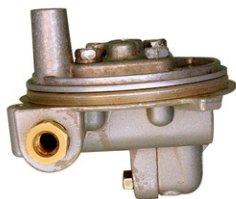
## REMANUFACTURED HYDRAULIC VALVE BODIES EXCHANGE THE REMANUFACTURED PUMPS REQUIRE A CORE TO BE SHIPPED IN FOR REBUILDING.

### VB 114R

#### Remanufactured

Fits **Johnson/Evinrude & OMC** Stern Drive  
2 Hydraulic line connection  
O-Ring included

Exchange core required



### VB 440AR

#### Remanufactured

Used on **Mercury** O/B & **Mercuriuser** Trim/Tilt Systems  
2 Hydraulic line connection  
Gasket included  
Exchange core required



### VB 440R

#### Remanufactured

Used on **Mercury** O/B, **Mercuriuser** & **Volvo Penta** Trim/Tilt Systems.  
Gasket & 4 O-Rings included

Note: Pump does not include the manifold and can be used with either a 2 or 4 hydraulic line bolt on manifold.



### VB 485R

#### Remanufactured

Used on **Mercury** & **Mariner** O/B 3-Ram Trim/Tilt AFT Fill Systems with a 2 or 3 Wire Motor.  
1993-Up  
O-Rings included  
Exchange core required



**\*Units that require a core exchange may take up to 4 weeks to process.**

## NEW REPLACEMENT HYDRAULIC VALVE BODIES

### VB 112N-2

#### NEW Hydraulic Pump

2-hose connection

This pump can be used on **Volvo Penta & Suzuki**

With either a PT112N, PT116N or PT405N



### VB 112N-4

#### NEW Hydraulic Pump

4-hose connection

This pump can be used

on **Chrysler/Force** applications

with either PT112N or PT116N



### VB 112N-3

#### NEW Hydraulic Pump

3-hose connection

This pump is used with PT112N on

**Johnson/Evinrude** applications



### VB 475TN

#### NEW Hydraulic Pump

Fits **Mercury/Mariner** O/B

3-Ram Integral Design 1 System

35-225 H.P. 1987-1992

O-rings included

Mounting flange not included



## REPLACEMENT RESERVOIRS for OILDYNE/PARKER

### RES 500E

#### Early Style Oil Reservoir

1 screw mount.

46 cu. in. made of High Density

Polyethylene with UV additive.

Includes O-ring, mounting screw &

fill cap with screen.

Replaces Merc # 18525A1



### RES 504

#### Oil Reservoir

for Oildyne/Parker type pumps using a

46 cu. in. metal reservoir.

This reservoir is powder coated steel

& includes an o-ring and mounting screw.

RES504 is used on API # PT504N-2.



### RES 500L

#### Late Style Oil Reservoir

4 screw mount with right side fill.

46 cu. in. made of High Density

Polyethylene with UV additive.

Includes o-ring & fill cap with screen.

Replaces Merc # 88316A1.

RES500L is used on API #'s PT500N-2,

PT505N-2, PT524N-2



### RES 550

#### Late Style Oil Reservoir

4 screw mount with left side fill. 46 cu. in. made of High

Density Polyethylene with UV additive.

Includes o-ring & fill cap with screen.

Replaces Volvo Penta # 3858077.

RES550 is used on API #'s PT406N-2, PT408N,

PT506N-2, PT507N-2

This will not fit on the Teleflex Type pump.



### RES 501

#### Oil Reservoir

for Oildyne/Parker type pumps using a

28 cu. in. metal reservoir.

This reservoir is powder coated steel

& includes an o-ring and mounting screw.

RES501 is used on API #PT501N-2



### DS 501

Dipstick for API #'s PT501N-2 and PT504N-2

