

**Parts Manual**

**Cat.# 90-8M0142637**

**Revised 09-26-2020**

# TABLE OF CONTENTS

Cat.# 90-8M0142637

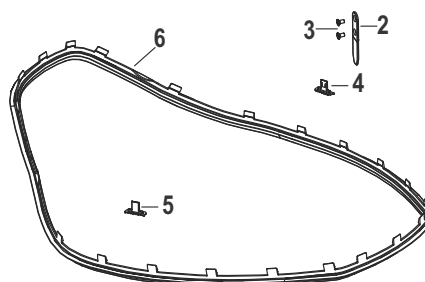
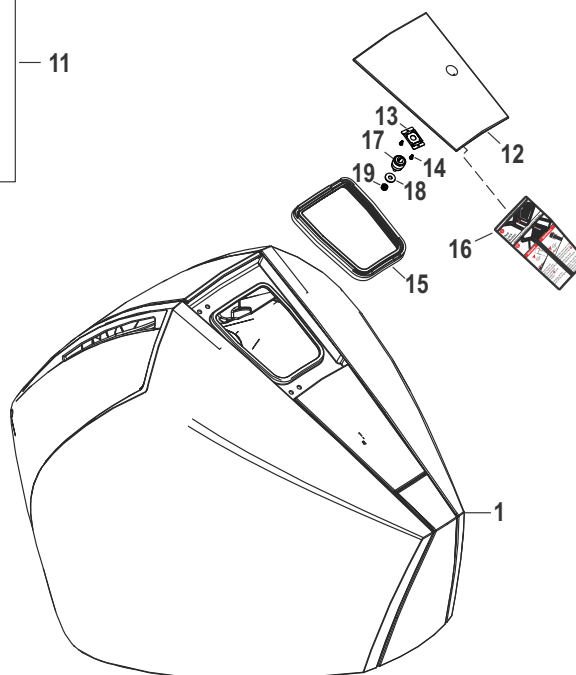
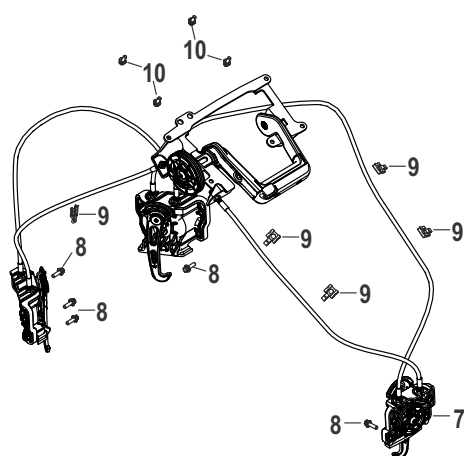
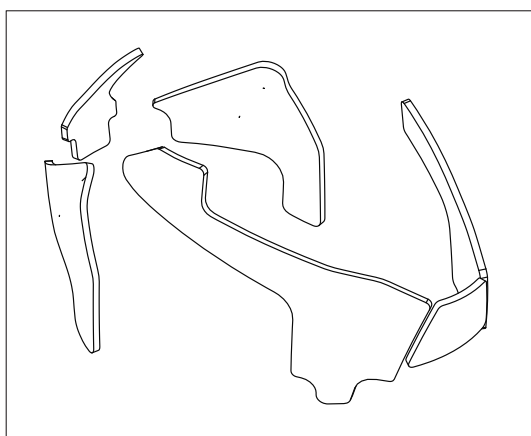
|                                                                 |     |
|-----------------------------------------------------------------|-----|
| Service/Support Material .....                                  | 1   |
| Top Cowl .....                                                  | 3   |
| Decals .....                                                    | 5   |
| Accent Panel .....                                              | 7   |
| Lower Cowl .....                                                | 9   |
| Flywheel .....                                                  | 13  |
| Electrical .....                                                | 15  |
| Ignition .....                                                  | 19  |
| Starter Motor .....                                             | 21  |
| Alternator Mounting/Belt .....                                  | 23  |
| Shift System Mechanical .....                                   | 25  |
| Oil System .....                                                | 27  |
| Fuel System .....                                               | 31  |
| Fuel Supply Module .....                                        | 33  |
| Intake System .....                                             | 35  |
| Cooling System .....                                            | 37  |
| Cylinder Block .....                                            | 41  |
| Cylinder Head and Camshaft .....                                | 43  |
| Camshaft Cover .....                                            | 47  |
| Crankshaft, Pistons and Connecting Rods .....                   | 49  |
| Adapter Plate .....                                             | 51  |
| Exhaust .....                                                   | 53  |
| Swivel Bracket and Steering Arm .....                           | 55  |
| Power Trim/Transom Assembly .....                               | 57  |
| Power Trim Components Plastic Motor Housing .....               | 61  |
| Driveshaft Housing .....                                        | 63  |
| Gear Housing Driveshaft, 4.80 Torpedo .....                     | 65  |
| Gear Housing Prop Shaft - Standard Rotation, 4.80 Torpedo ..... | 71  |
| Gear Housing Prop Shaft-Counter Rotation, 4.80 Torpedo .....    | 75  |
| Gear Housing, Driveshaft, 5.44 Torpedo .....                    | 79  |
| Gear Housing, Prop Shaft-Standard Rotation, 5.44 Torpedo .....  | 83  |
| Gear Housing, Prop Shaft-Counter Rotation, 5.44 Torpedo .....   | 87  |
| Driveshaft Extension Kits .....                                 | 91  |
| Accessories .....                                               | 93  |
| Fuel Filter with WIF- Boat Mounted .....                        | 97  |
| Block Water Pressure Kits Analog/Digital .....                  | 99  |
| Tools .....                                                     | 101 |
| Maintenance Kits .....                                          | 103 |

## Service/Support Material

## Service/Support Material

| Ref # | Part Class | Part Number | Description                                                            | Comments                                                                                  | Qty | Note |
|-------|------------|-------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----|------|
| -     | 0090       | 8M0142637   | PARTS MANUAL 175/200/225 3.4L V6 4 Stroke/ 200 3.4L V6 4 Stroke SEAPRO |                                                                                           | 1   |      |
| -     | 0090       | 8M0124302   | SERVICE MANUAL 175-300 Hp FourStroke                                   |                                                                                           | 1   |      |
| -     | 0090       | 8M0145934   | INSTALLATION MANUAL V6/V8 CMS                                          |                                                                                           | 1   |      |
| -     | 0090       | 8M0145541   | OPERATION MANUAL V6/V8 CMS Mechanical                                  |                                                                                           | 1   |      |
| -     | 0090       | 8M0145542   | OPERATION MANUAL V6/V8 CMS DTS                                         |                                                                                           | 1   |      |
| -     | 0090       | 8M0146617   | SERVICE MANUAL Diagnostic                                              |                                                                                           | 1   |      |
| -     |            | NSS         | NOT SOLD SEPARATE DECAL, EPA                                           | (Contact Mercury Marine Warranty Administration for Replacement-Service Bulletin 2009-18) | 1   |      |

# Top Cowl

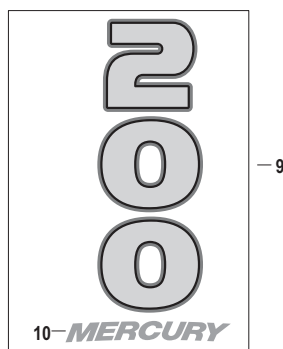
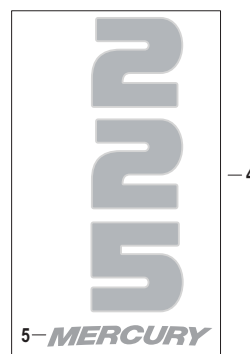
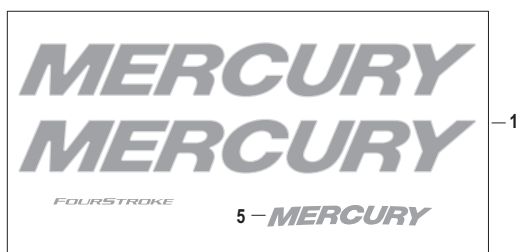


68527

## Top Cowl

| Ref # | Part Class | Part Number | Description                                                | Comments | Qty | Note |
|-------|------------|-------------|------------------------------------------------------------|----------|-----|------|
| 1     | 0100       | 8M0142178   | TOP COWL ASSEMBLY Black, Decaled without Horsepower        |          | 1   |      |
| 1     | 0100       | 8M0142180   | TOP COWL ASSEMBLY Cold Fusion, Decaled without Horsepower  |          | 1   |      |
| 1     | 0100       | 8M0142181   | TOP COWL ASSEMBLY Warm Fusion, Decaled without Horsepower  |          | 1   |      |
| 1     | 0100       | 8M0142182   | TOP COWL ASSEMBLY Pearl Fusion, Decaled without Horsepower |          | 1   |      |
| 1     | 0100       | 8M0142183   | TOP COWL ASSEMBLY Sea Pro Decaled without Horsepower       |          | 1   |      |
| 2     | 0000       | 8M0142904   | ALIGNMENT LEG                                              |          | 4   |      |
| 3     |            | NSS         | NOT SOLD SEPARATE SCREW                                    |          | 8   |      |
| 4     | 0000       | 8M0142916   | BUMPER Port                                                |          | 1   |      |
| 5     | 0000       | 8M0142915   | BUMPER Starboard                                           |          | 1   |      |
| 6     | 0000       | 8M0173441   | SEAL Top Cowl                                              |          | 1   |      |
| 7     | 0000       | 8M0142243   | COWL LATCH ASSEMBLY                                        |          | 1   |      |
| 8     | 0010       | 8M0103806   | SCREW (M6 x 20 MM) Stainless Steel                         |          | 10  |      |
| 9     | 0054       | 8M0142903   | CLIP                                                       |          | 7   |      |
| 10    | 0010       | 88552514    | SCREW (M6 x 14 MM) Stainless Steel                         |          | 6   |      |
| 11    | 0000       | 8M0142956   | SOUND BLANKET KIT                                          |          | 1   |      |
| 12    | 0100       | 8M0142233   | DOOR ASSEMBLY Black                                        |          | 1   |      |
| 12    | 0100       | 8M0142234   | DOOR ASSEMBLY Cold Fusion                                  |          | 1   |      |
| 12    | 0100       | 8M0142235   | DOOR ASSEMBLY Warm Fusion                                  |          | 1   |      |
| 12    | 0100       | 8M0142236   | DOOR ASSEMBLY Pearl Fusion                                 |          | 1   |      |
| 13    | 0000       | 8M0142913   | KEEPER ASSEMBLY                                            |          | 1   |      |
| 14    |            | NSS         | NOT SOLD SEPARATE SCREW                                    |          | 2   |      |
| 15    | 0025       | 8M0142908   | SEAL Door                                                  |          | 1   |      |
| 16    | 0037       | 8M0148533   | DECAL Latch Position                                       |          | 1   |      |
| 17    | 0000       | 8M0142907   | LOCK PUSH                                                  |          | 1   |      |
| 18    | 0015       | 8M0142914   | SHIM LATCH                                                 |          | 1   |      |
| 19    | 0011       | 401386      | NUT (M6) Stainless Steel                                   |          | 1   |      |

## Decals

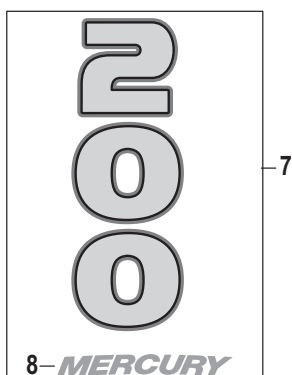
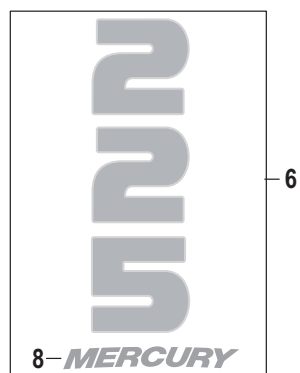
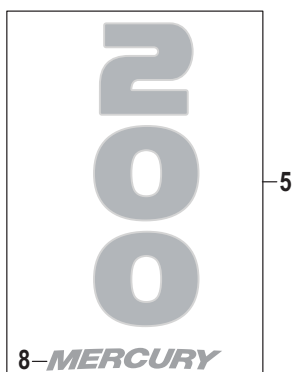
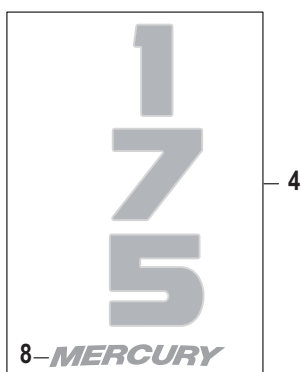
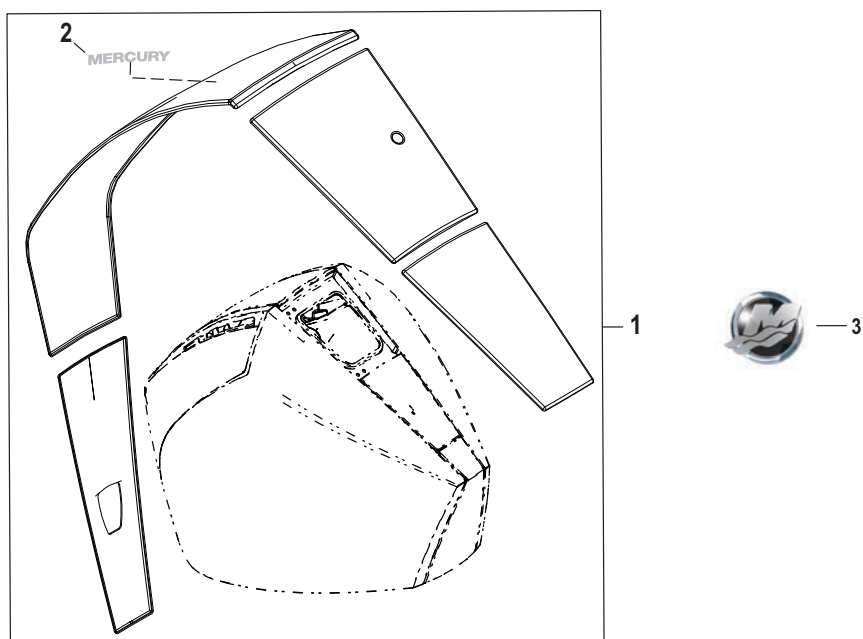


67006

## Decals

| Ref # | Part Class | Part Number | Description               | Comments                   | Qty | Note |
|-------|------------|-------------|---------------------------|----------------------------|-----|------|
| 1     | 0037       | 8M0142184   | DECAL SET Mercury         |                            | 1   |      |
| 2     | 0037       | 8M0142189   | DECAL 175 HP              |                            | 1   |      |
| 3     | 0037       | 8M0142190   | DECAL 200 HP              |                            | 1   |      |
| 4     | 0037       | 8M0142191   | DECAL 225 HP              |                            | 1   |      |
| 5     | 0037       | 8M0153042   | DECAL Mercury, Silver     |                            | 1   |      |
| 6     | 0037       | 8M0159716   | DECAL M Icon, 53 MM Black | Front (Mercury and SeaPro) | 1   |      |
| 7     | 0037       | 8M0043705   | DECAL M-Icon, 60 MM Black | Rear (Mercury and SeaPro)  | 1   |      |
| 8     | 0037       | 8M0142185   | DECAL SET Sea Pro         |                            | 1   |      |
| 9     | 0037       | 8M0142194   | DECAL 200 HP              | Sea Pro                    | 1   |      |
| 10    | 0037       | 8M0153042   | DECAL Mercury, Silver     |                            | 1   |      |

# Accent Panel

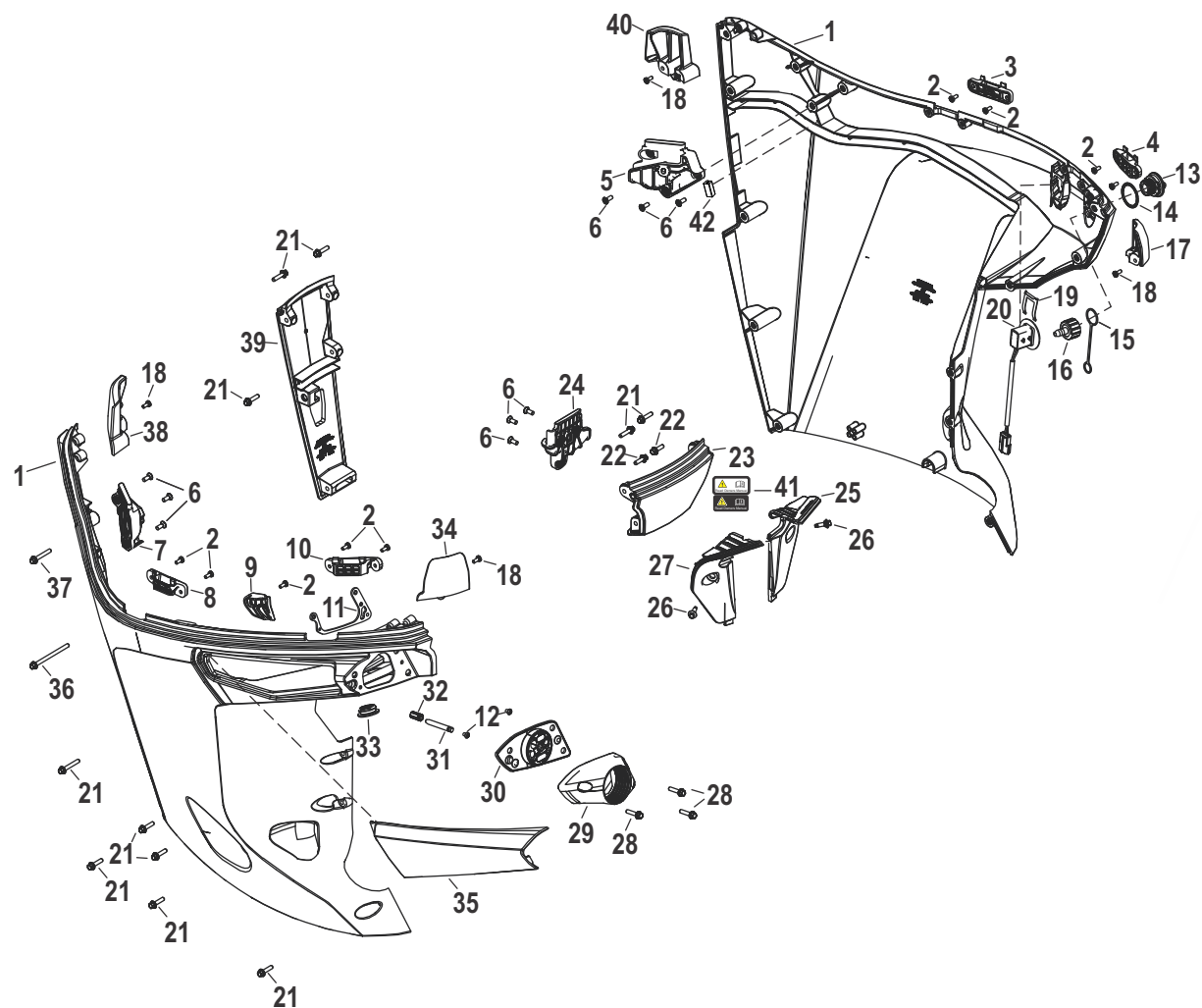


66977

## Accent Panel

| Ref # | Part Class | Part Number | Description                            | Comments    | Qty | Note |
|-------|------------|-------------|----------------------------------------|-------------|-----|------|
| 1     | 0100       | 8M0142211   | ACCENT COWL ASSEMBLY<br>Redline Red    |             | 1   |      |
| 1     | 0100       | 8M0142212   | ACCENT COWL ASSEMBLY Pacific<br>Blue   |             | 1   |      |
| 1     | 0100       | 8M0142213   | ACCENT COWL ASSEMBLY<br>Mercury Silver |             | 1   |      |
| 1     | 0100       | 8M0142214   | ACCENT COWL ASSEMBLY<br>Graphite Grey  |             | 1   |      |
| 1     | 0100       | 8M0142215   | ACCENT COWL ASSEMBLY Pro<br>Black      |             | 1   |      |
| 1     | 0100       | 8M0142216   | ACCENT COWL ASSEMBLY Ready<br>to Paint |             | 1   |      |
| 2     | 0037       | 8M0147920   | DECAL Mercury, Silver                  | Silver      | 1   |      |
| 2     | 0037       | 8M0147987   | DECAL Mercury, Dark Silver             | Dark Silver | 1   |      |
| 3     | 0037       | 8M0043705   | DECAL M-Icon, 60 MM Black              |             | 1   |      |
| 4     | 0037       | 8M0142189   | DECAL 175 HP                           |             | 1   |      |
| 5     | 0037       | 8M0142190   | DECAL 200 HP                           |             | 1   |      |
| 6     | 0037       | 8M0142191   | DECAL 225 HP                           |             | 1   |      |
| 7     | 0037       | 8M0142194   | DECAL 200 HP                           | Sea Pro     | 1   |      |
| 8     | 0037       | 8M0153042   | DECAL Mercury, Silver                  |             | 1   |      |

## Lower Cowl

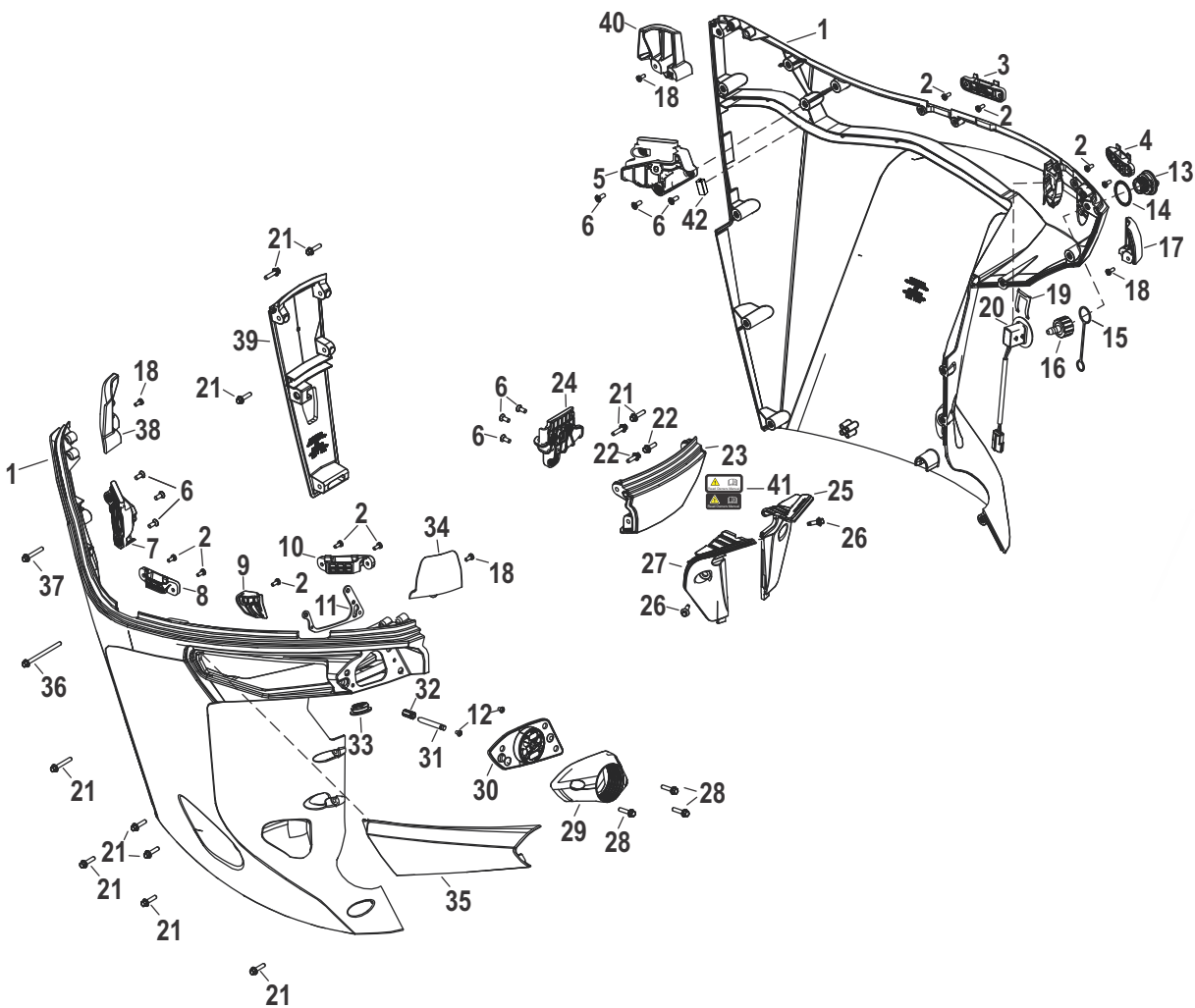


66952

## Lower Cowl

| Ref # | Part Class | Part Number | Description                                          | Comments | Qty | Note |
|-------|------------|-------------|------------------------------------------------------|----------|-----|------|
| 1     | 0100       | 8M0142217   | LOWER COWL ASSEMBLY Black, Port and Starboard        |          | 1   |      |
| 1     | 0100       | 8M0142220   | LOWER COWL ASSEMBLY Cold Fusion, Port and Starboard  |          | 1   |      |
| 1     | 0100       | 8M0142221   | LOWER COWL ASSEMBLY Warm Fusion, Port and Starboard  |          | 1   |      |
| 1     | 0100       | 8M0142222   | LOWER COWL ASSEMBLY Pearl Fusion, Port and Starboard |          | 1   |      |
| 2     | 0010       | 8M0142918   | SCREW (M5 x 12)                                      |          | 9   |      |
| 3     | 0000       | 8M0142923   | RETAINER Rear, Port                                  |          | 1   |      |
| 4     | 0000       | 8M0142922   | RETAINER Front, Port                                 |          | 1   |      |
| 5     | 0000       | 8M0142919   | STRIKER ASSEMBLY Port                                |          | 1   |      |
| 6     | 0010       | 8M0142921   | SCREW (M6 X 16)                                      |          | 9   |      |
| 7     | 0000       | 8M0142925   | STRIKER ASSEMBLY Starboard                           |          | 1   |      |
| 8     | 0000       | 8M0142930   | RETAINER Rear, Starboard                             |          | 1   |      |
| 9     | 0000       | 8M0142928   | BLOCK                                                |          | 1   |      |
| 10    | 0000       | 8M0142929   | RETAINER Front, Starboard                            |          | 1   |      |
| 11    | 0000       | 8M0142946   | PLATE                                                |          | 1   |      |
| 12    | 0010       | 8M0047718   | SCREW (M5 X 8MM)                                     |          | 2   |      |
| 13    | 0022       | 888958001   | PLUG Flush Port                                      |          | 1   |      |
| 14    | 0000       | 8M0047301   | SEAL Flush Plug Pocket                               |          | 1   |      |
| 15    | 0000       | 889823001   | TETHER Flush Plug                                    |          | 1   |      |
| 16    | 0022       | 885361A01   | FITTING ASSEMBLY Flush                               |          | 1   |      |
| 17    | 0000       | 8M0142945   | GUIDE Front, Port                                    |          | 1   |      |
| 18    | 0010       | 8M0142918   | SCREW (M5 x 12)                                      |          | 4   |      |
| 19    | 0000       | 8M0032848   | RETAINER Switch                                      |          | 1   |      |
| 20    | 0087       | 8M0037225   | TRIM SWITCH Round Bezel                              |          | 1   |      |
| 21    | 0010       | 8M0022324   | SCREW (M6 x 25 MM)                                   |          | 11  |      |
| 22    | 0010       | 8M0073002   | SCREW (M6 X 20), Hex Flg                             |          | 2   |      |
| 23    | 0100       | 8M0142228   | LOWER FRONT COWL ASSEMBLY Black                      |          | 1   |      |
| 23    | 0100       | 8M0142230   | LOWER FRONT COWL ASSEMBLY Cold Fusion                |          | 1   |      |
| 23    | 0100       | 8M0142231   | LOWER FRONT COWL ASSEMBLY Warm Fusion                |          | 1   |      |
| 23    | 0100       | 8M0142232   | LOWER FRONT COWL ASSEMBLY Pearl Fusion               |          | 1   |      |
| 24    | 0000       | 8M0142932   | STRIKER ASSEMBLY Front                               |          | 1   |      |
| 25    | 0100       | 8M0142924   | COVER Port                                           |          | 1   |      |
| 26    | 0010       | 892073002   | SHOULDER SCREW (M6)                                  |          | 2   |      |
| 27    | 0100       | 8M0142931   | COVER Starboard                                      |          | 1   |      |
| 28    | 0010       | 8M0075735   | SCREW (M6 X 30) Hex Flg                              |          | 3   |      |
| 29    | 0000       | 8M0142949   | ADAPTER                                              |          | 1   |      |
| 30    | 0000       | 8M0142948   | GROMMET Mechanical                                   |          | 1   |      |
| 30    | 0000       | 8M0142950   | GROMMET DTS                                          |          | 1   |      |
| 30    | 0025       | 8M0146953   | GROMMET Large Hole, Mechanical                       |          | 1   |      |
| 30    | 0025       | 8M0146954   | GROMMET Large Hole, DTS CMS                          |          | 1   |      |
| 31    | 0017       | 8M0146710   | PIN Rigging Door                                     |          | 1   |      |

# Lower Cowl

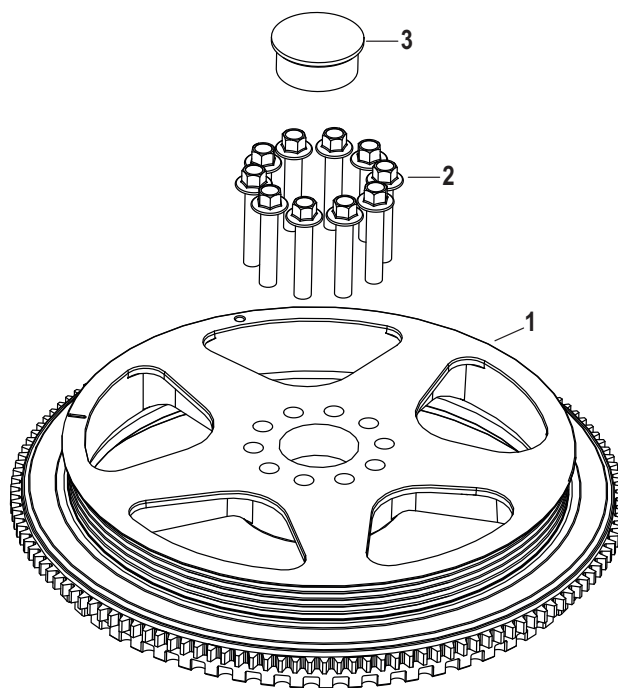


66952

## Lower Cowl

| Ref # | Part Class | Part Number | Description                                    | Comments | Qty | Note |
|-------|------------|-------------|------------------------------------------------|----------|-----|------|
| 32    | 0023       | 8M0142927   | BUSHING                                        |          | 1   |      |
| 33    | 0025       | 8M0142947   | GROMMET Trim Sensor                            |          | 1   |      |
| 34    | 0000       | 8M0142944   | GUIDE Front, Starboard                         |          | 1   |      |
| 35    | 0100       | 8M0142582   | RIGGING DOOR Black                             |          | 1   |      |
| 35    | 0100       | 8M0142586   | RIGGING DOOR Cold Fusion                       |          | 1   |      |
| 35    | 0100       | 8M0142583   | RIGGING DOOR Warm Fusion                       |          | 1   |      |
| 35    | 0100       | 8M0142588   | RIGGING DOOR Pearl Fusion                      |          | 1   |      |
| 36    | 0010       | 8M0071078   | SCREW (M6 X 85) Hex Flg                        |          | 1   |      |
| 37    | 0010       | 8M0142933   | SCREW (M6 x 40)                                |          | 1   |      |
| 38    | 0000       | 8M0142942   | GUIDE Rear, Starboard                          |          | 1   |      |
| 39    | 0100       | 8M0142223   | LOWER REAR COWL ASSEMBLY<br>Black              |          | 1   |      |
| 39    | 0100       | 8M0142225   | LOWER REAR COWL ASSEMBLY<br>Cold Fusion, White |          | 1   |      |
| 39    | 0100       | 8M0142226   | LOWER REAR COWL ASSEMBLY<br>Warm Fusion        |          | 1   |      |
| 39    | 0100       | 8M0142227   | LOWER REAR COWL ASSEMBLY<br>Pearl Fusion       |          | 1   |      |
| 40    | 0000       | 8M0142943   | GUIDE Rear, Port                               |          | 1   |      |
| 41    | 0037       | 8M0142577   | DECAL Read Manual, Clear                       |          | 1   |      |
| 41    | 0037       | 8M0142371   | DECAL Read Manual, Black                       |          | 1   |      |
| 42    | 0023       | 8M0149605   | SLEEVE Edge Protector                          |          | 1   |      |

# Flywheel

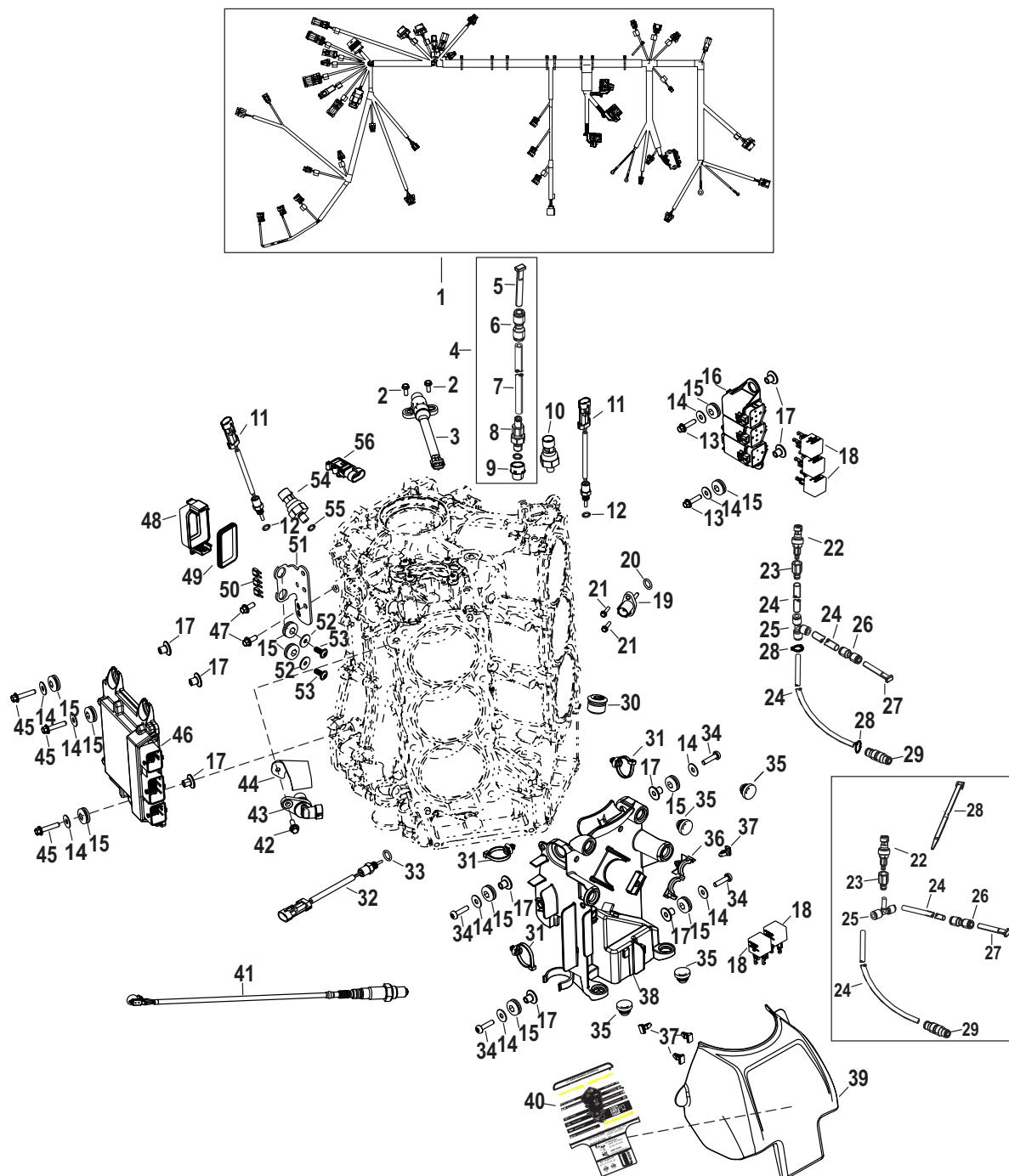


66980

**Cat.# 90-8M0142637**

## Flywheel

| Ref # | Part Class | Part Number | Description                 | Comments | Qty | Note |
|-------|------------|-------------|-----------------------------|----------|-----|------|
| 1     | 0200       | 8M0142244   | FLYWHEEL                    |          | 1   |      |
| 2     | 0010       | 8M0142384   | SCREW (M8 x 42) HX FLG HEAD |          | 10  |      |
| 3     | 0019       | 8M0142389   | PLUG Flywheel               |          | 1   |      |



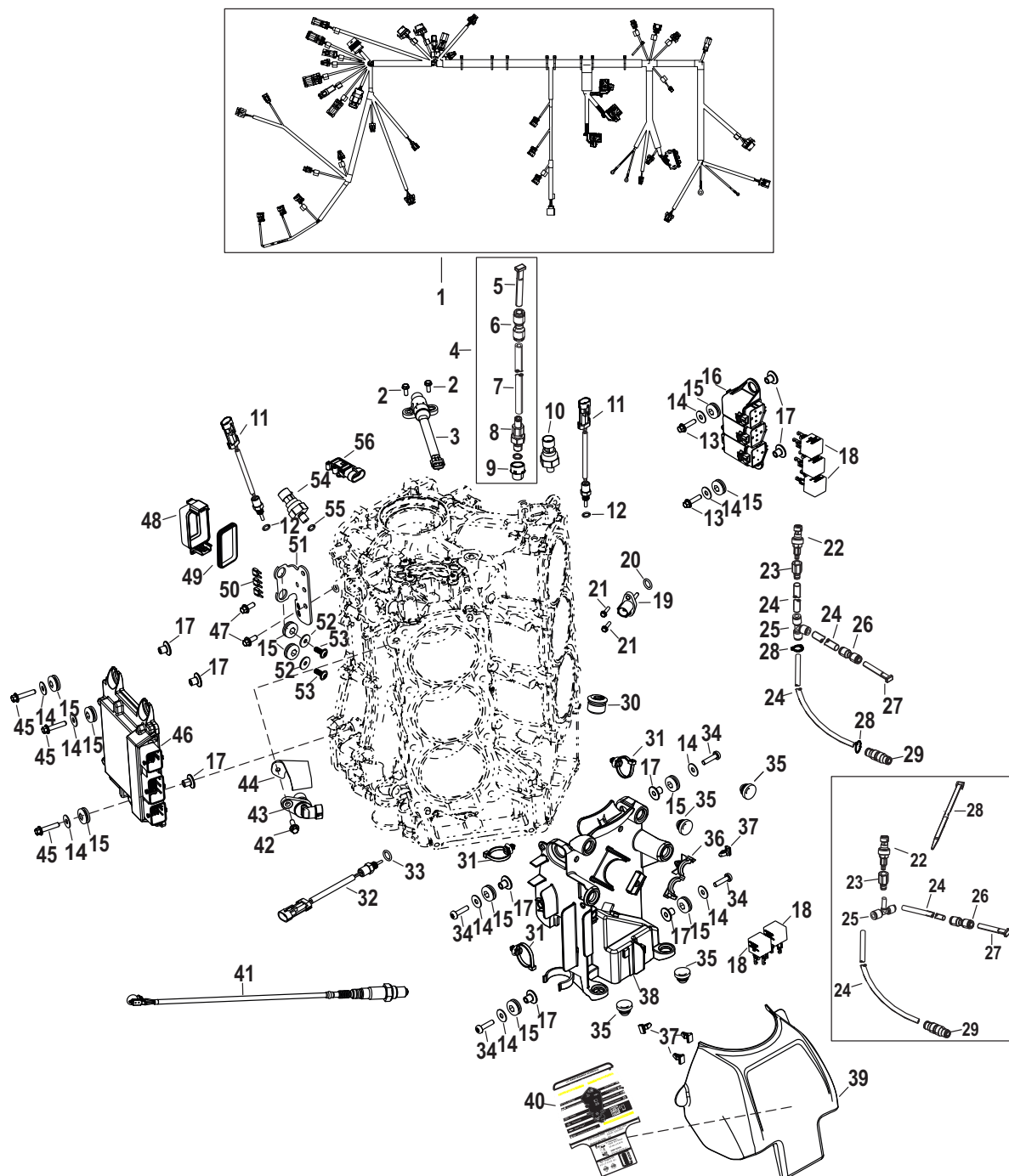
67048

## Electrical

| Ref # | Part Class | Part Number | Description                                 | Comments            | Qty | Note |
|-------|------------|-------------|---------------------------------------------|---------------------|-----|------|
| 1     | 0084       | 8M0142254   | ENGINE HARNESS Mechanical                   |                     | 1   |      |
| 1     | 0084       | 8M0142262   | ENGINE HARNESS DTS                          |                     | 1   |      |
| 2     | 0010       | 40011106    | SCREW (M5 x 13) Stainless Steel             |                     | 2   |      |
| 3     | 0000       | 8M0082988   | SENSOR Crankshaft Position                  |                     | 1   |      |
| 4     | 0000       | 8M0145165   | BLOCK WATER PRESSURE KIT Analog             | Mechanical          | 1   |      |
| 5     | 0022       | 859732      | PLUG                                        | Mechanical          | 1   |      |
| 6     | 0022       | 859747      | COUPLER                                     | Mechanical          | 1   |      |
| 7     | 0032       | 85978571    | TUBING (52.00 Inches Bulk)                  | Mechanical          | 1   |      |
| 8     | 0022       | 896094A01   | FITTING ASSEMBLY                            | Mechanical          | 1   |      |
| 9     | 0000       | 8M0146147   | CONNECTOR CAP 3 Pin                         | Mechanical          | 1   |      |
| 10    | 0071       | 8M0142696   | SENSOR Pressure                             | Block Pressure, DTS | 1   |      |
| 11    | 0000       | 8M0142542   | SENSOR Temperature                          |                     | 2   |      |
| 12    | 0025       | 896699      | O-RING (1.78 mm x .08 mm)                   |                     | 2   |      |
| 13    | 0010       | 8M0103807   | SCREW (M6 x 25 MM) Stainless Steel          |                     | 2   |      |
| 14    | 0012       | 65567       | WASHER (.265 x .750 x .048) Stainless Steel |                     | 9   |      |
| 15    | 0025       | 834985      | GROMMET                                     |                     | 11  |      |
| 16    | 0000       | 8M0142684   | RELAY HOUSING                               |                     | 1   |      |
| 17    | 0023       | 856954      | BUSHING                                     |                     | 9   |      |
| 18    | 0000       | 8M0057697   | CUBE RELAY                                  |                     | 5   |      |
| 19    | 0000       | 891663001   | SENSOR ASSEMBLY Temperature                 | Intake Air          | 1   |      |
| 20    | 0000       | 8M0142695   | SENSOR Oxygen                               |                     | 1   |      |
| 21    | 0010       | 895054      | SCREW (M4 x 16 MM)                          |                     | 2   |      |
| 22    | 0000       | 881879T11   | SENSOR Pressure (0 - 100 PSI)               | Pitot               | 1   |      |
| 23    | 0022       | 892403      | FITTING                                     |                     | 1   |      |
| 24    | 0032       | 85944975    | TUBING (72.00 Inches Bulk)                  | Design I            | 3   |      |
| 24    | 0032       | 85944975    | TUBING (72.00 Inches Bulk)                  | Design II           | 2   |      |
| 25    | 0022       | 875207      | TEE Fitting                                 | Design I            | 1   |      |
| 25    | 0022       | 8M0157114   | FITTING TEE 4 MM                            | Design II           | 1   |      |
| 26    | 0022       | 859747      | COUPLER                                     |                     | 1   |      |
| 27    | 0022       | 859732      | PLUG                                        |                     | 1   |      |
| 28    | 0054       | 816311T     | TIE STRAP (8.00 Inches)                     | Design I            | 2   |      |
| 28    | 0054       | 816311T     | TIE STRAP (8.00 Inches)                     | Design II           | 1   |      |
| 29    | 0022       | 859448T     | FITTING                                     |                     | 1   |      |
| 30    | 0019       | 8M0087451   | PLUG (18MM)                                 |                     | 1   |      |
| 31    | 0054       | 899145      | CLIP Tie Strap                              |                     | 3   |      |
| 32    | 0000       | 8M0142689   | SENSOR Temperature                          | Exhaust             | 1   |      |
| 33    | 0025       | 896699      | O-RING (1.78 mm x .08 mm)                   |                     | 1   |      |
| 34    | 0010       | 8M0142686   | SCREW (M6 x 25)                             |                     | 4   |      |
| 35    | 0025       | 8M0096302   | GROMMET                                     |                     | 4   |      |
| 36    | 0054       | 858954      | CLIP (.625)                                 |                     | 1   |      |
| 37    | 0054       | 879962      | CLIP                                        |                     | 4   |      |
| 38    | 0000       | 8M0142685   | PLATE Electrical                            |                     | 1   |      |
| 39    | 0000       | 8M0142608   | COVER Electrical Plate                      |                     | 1   |      |
| 40    | 0037       | 8M0142526   | DECAL Maintenance Schedule                  |                     | 1   |      |

Electrical

## Electrical

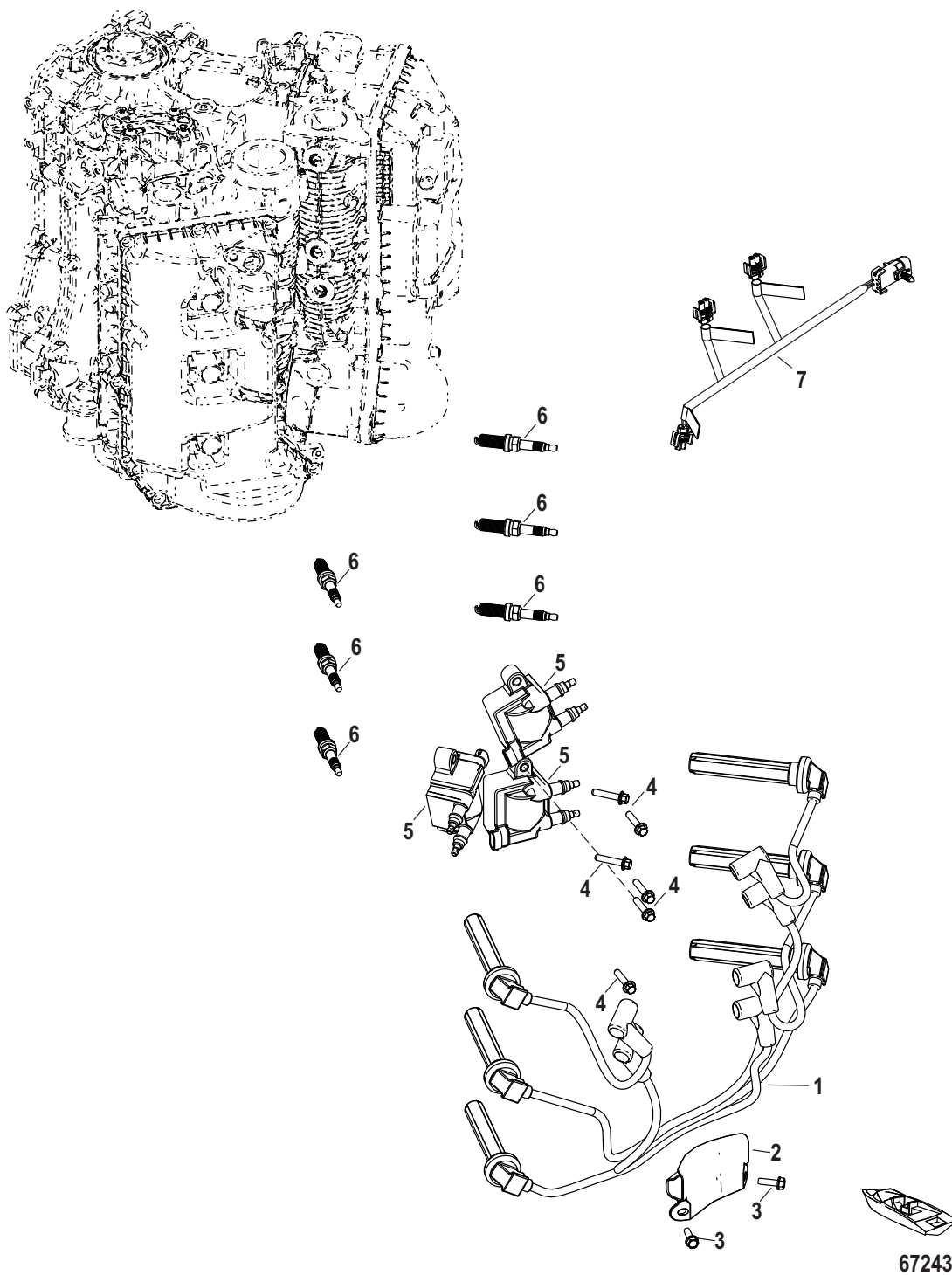


67048

## Electrical

| Ref # | Part Class | Part Number | Description                        | Comments     | Qty | Note |
|-------|------------|-------------|------------------------------------|--------------|-----|------|
| 40    | 0037       | 8M0148534   | DECAL Maintenance Schedule         | Sea Pro      | 1   |      |
| 41    | 0000       | 8M0142695   | SENSOR Oxygen                      |              | 1   |      |
| 42    | 0010       | 8M0103806   | SCREW (M6 x 20 MM) Stainless Steel |              | 1   |      |
| 43    | 0000       | 8M0011987   | SENSOR                             | Cam Position | 1   |      |
| 44    | 0000       | 8M0142691   | BRACKET Cam Sensor                 |              | 1   |      |
| 45    | 0010       | 8M0103808   | SCREW (M6 x 30 MM) Stainless Steel |              | 3   |      |
| 46    | 0078       | 8M0142641   | PCM 175 V6 MECH                    |              | 1   |      |
| 46    | 0078       | 8M0142640   | PCM 175 V6 DTS                     |              | 1   |      |
| 46    | 0078       | 8M0142644   | PCM 200 V6 DTS                     |              | 1   |      |
| 46    | 0078       | 8M0142647   | PCM 200 V6 SEAPRO MECH             |              | 1   |      |
| 46    | 0078       | 8M0142646   | PCM 200 V6 SEAPRO DTS              |              | 1   |      |
| 46    | 0078       | 8M0142645   | PCM 200 V6 MECH                    |              | 1   |      |
| 46    | 0078       | 8M0142650   | PCM 225 V6 MECH                    |              | 1   |      |
| 46    | 0078       | 8M0142648   | PCM 225 V6 DTS                     |              | 1   |      |
| 47    | 0010       | 8M0103805   | SCREW (M6 x 16MM) Stainless Steel  |              | 2   |      |
| 48    | 0000       | 8M0147858   | COVER Fuse Box                     |              | 1   |      |
| 49    | 0000       | 8M0147903   | SEAL Fuse Box                      |              | 1   |      |
| 50    | 0088       | 8329692     | FUSE Mini - Gray - 2 Ampere        |              | 1   |      |
| 50    | 0088       | 83296910    | FUSE Mini - Red - 10 Ampere        |              | 1   |      |
| 50    | 0088       | 832969T20   | FUSE Mini - Yellow - 20 Ampere     |              | 4   |      |
| 51    | 0000       | 8M0142455   | BRACKET Fuse Box                   |              | 1   |      |
| 52    | 0012       | 42118       | WASHER                             |              | 2   |      |
| 53    | 0010       | 8M6003202   | SCREW                              |              | 2   |      |
| 54    | 0071       | 8M0142688   | SENSOR Pressure                    | Oil          | 1   |      |
| 55    | 0025       | 896699      | O-RING (1.78 mm x .08 mm)          |              | 1   |      |
| 56    | 0000       | 8M0142690   | SENSOR MAP                         |              | 1   |      |

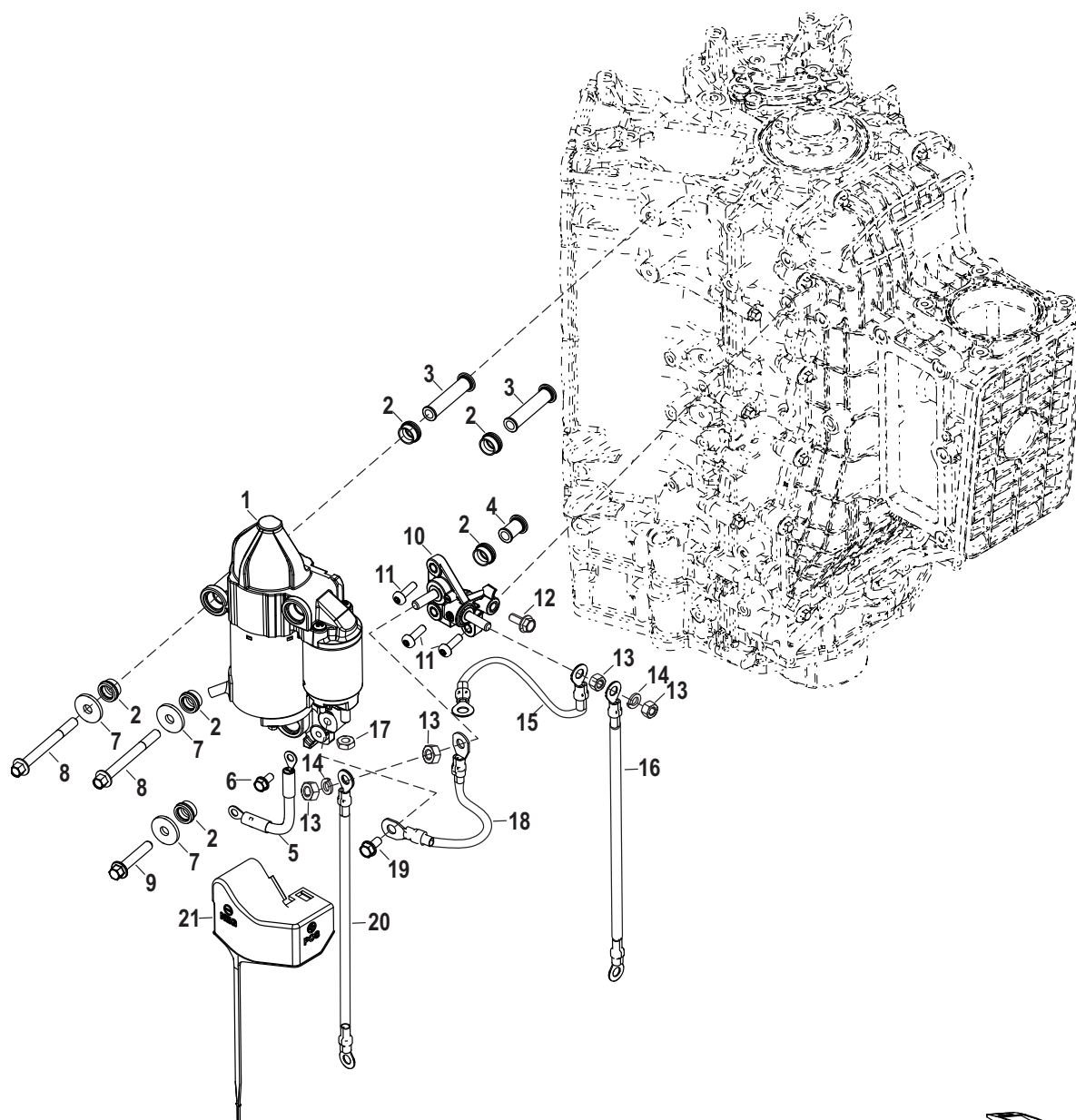
## Ignition



**Ignition**

| Ref # | Part Class | Part Number | Description                        | Comments | Qty | Note |
|-------|------------|-------------|------------------------------------|----------|-----|------|
| 1     | 0084       | 8M0142665   | SPARK PLUG WIRES                   |          | 1   |      |
| 2     | 0000       | 8M0142671   | GUIDE                              |          | 1   |      |
| 3     | 0010       | 897445501   | SCREW (M6 x 20 MM)                 |          | 2   |      |
| 4     | 0010       | 8M0103808   | SCREW (M6 x 30 MM) Stainless Steel |          | 6   |      |
| 5     | 0300       | 8M0044991   | IGNITION COIL Ignition Dual Output |          | 3   |      |
| 6     | 0033       | 8M0135348   | SPARK PLUGS                        |          | 6   |      |
| 7     | 0084       | 8M0142683   | WIRE HARNESS Coil Adapter          |          | 1   |      |

## Starter Motor

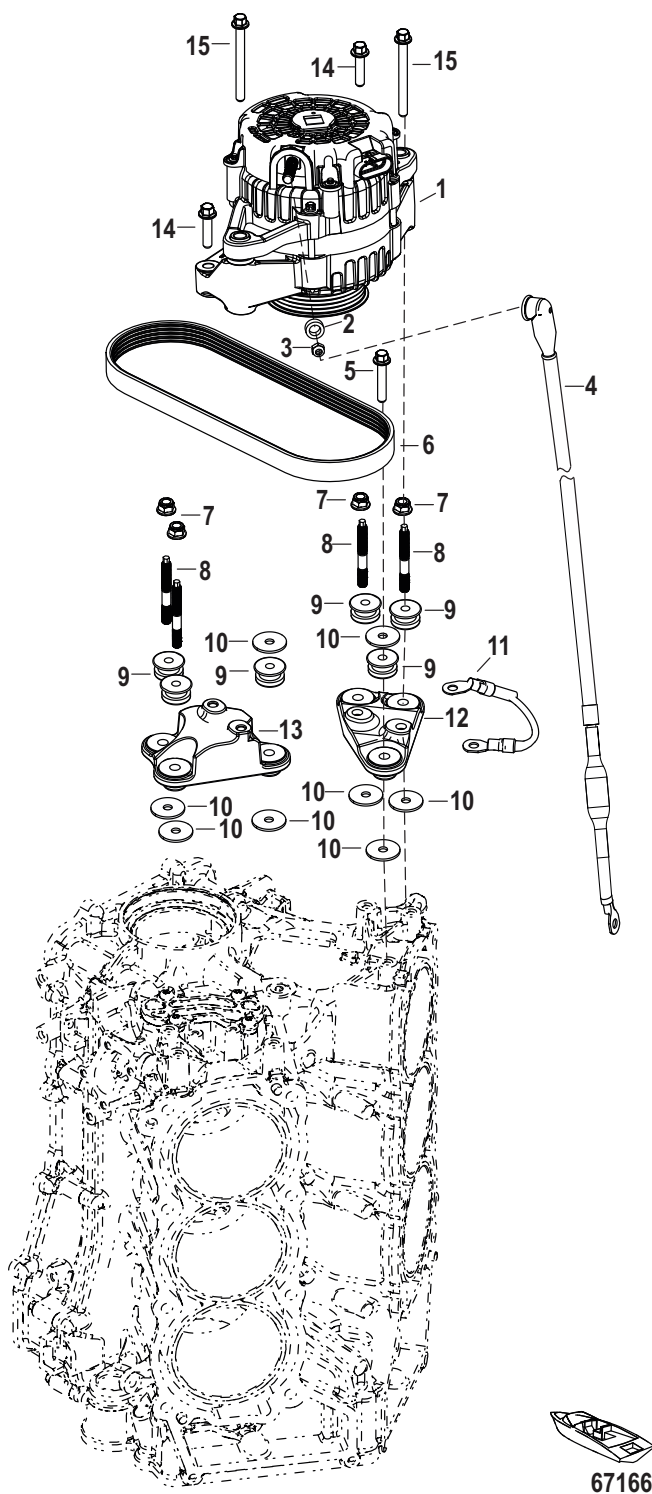


66986

## Starter Motor

| Ref # | Part Class | Part Number | Description                       | Comments | Qty | Note |
|-------|------------|-------------|-----------------------------------|----------|-----|------|
| 1     | 0050       | 8M0142679   | STARTER                           |          | 1   |      |
| 2     | 0023       | 8M0070367   | MOUNT - TUBULAR 8MM               |          | 6   |      |
| 3     | 0023       | 8M0070369   | SPACER (8.3 I.D. X 11.8 O.D.)     |          | 2   |      |
| 4     | 0023       | 8M0070368   | SPACER (8.3 I.D. X 11.8 O.D.)     |          | 1   |      |
| 5     | 0084       | 8M0056666   | GROUND STRAP Starter              |          | 1   |      |
| 6     | 0010       | 40011126    | SCREW (M6 x 13) Stainless Steel   |          | 1   |      |
| 7     | 0012       | 43430       | WASHER                            |          | 3   |      |
| 8     | 0010       | 8M0142896   | SCREW (M8 x 80)                   |          | 2   |      |
| 9     | 0010       | 88552645    | SCREW (M8X45)                     |          | 1   |      |
| 10    | 0000       | 8M0142680   | BRACKET HOT STUD                  |          | 1   |      |
| 11    | 0010       | 8M0080651   | SCREW (M6 x 20)                   |          | 3   |      |
| 12    | 0010       | 40011145    | SCREW (M8 x 10) Stainless Steel   |          | 1   |      |
| 13    | 0011       | 8M0146003   | NUT M8 x 1.25 Hex                 |          | 4   |      |
| 14    | 0013       | 400257      | LOCKWASHER (M8)                   |          | 2   |      |
| 15    | 0084       | 8M0142681   | CABLE ASSEMBLY Starter-Positive   |          | 1   |      |
| 16    | 0084       | 88439A46    | CABLE ASSEMBLY Battery - Positive |          | 1   |      |
| 17    | 0011       | 401388      | NUT (M8) Stainless Steel          |          | 1   |      |
| 18    | 0084       | 8M0146902   | CABLE ASSEMBLY Starter-Negative   |          | 1   |      |
| 19    | 0010       | 40011148    | SCREW (M8 x 20)                   |          | 1   |      |
| 20    | 0084       | 88439A26    | CABLE ASSEMBLY Battery - Negative |          | 1   |      |
| 21    | 0085       | 8M0142687   | COVER Hot Stud                    |          | 1   |      |

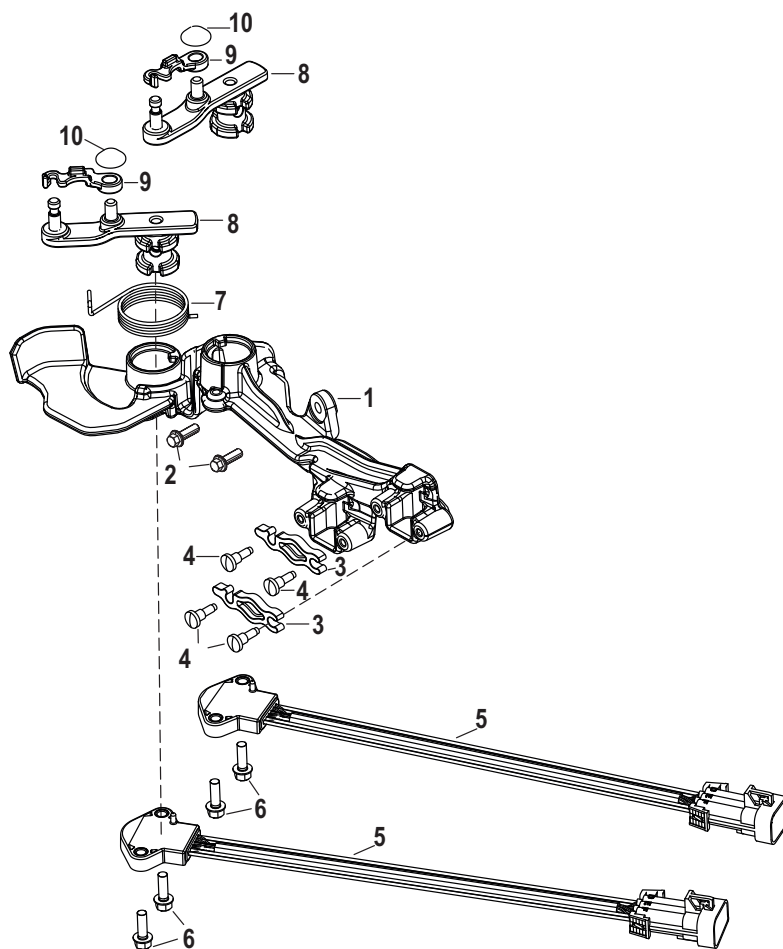
## Alternator Mounting/Belt



## Alternator Mounting/Belt

| Ref # | Part Class | Part Number | Description                 | Comments  | Qty | Note |
|-------|------------|-------------|-----------------------------|-----------|-----|------|
| 1     | 0000       | 8M0142248   | ALTERNATOR 85 AMP           |           | 1   |      |
| 2     | 0023       | 8M0151156   | SPACER                      |           | 1   |      |
| 3     | 0011       | 401388      | NUT (M8) Stainless Steel    |           | 1   |      |
| 4     | 0084       | 8M0142675   | CABLE ASSEMBLY Fusable Link |           | 1   |      |
| 5     | 0010       | 88552645    | SCREW (M8X45)               |           | 2   |      |
| 6     | 0057       | 8M0142251   | BELT                        |           | 1   |      |
| 7     | 0011       | 826365      | NUT (M8)                    |           | 4   |      |
| 8     | 0016       | 8M0022161   | STUD (M8 x 71.5)            |           | 4   |      |
| 9     | 0000       | 8M0142676   | MOUNT                       |           | 6   |      |
| 10    | 0012       | 8M0142674   | WASHER Plain                |           | 8   |      |
| 11    | 0084       | 8M0142678   | CABLE ASSEMBLY Ground       |           | 1   |      |
| 12    | 0000       | 8M0142673   | BRACKET Alternator          | Starboard | 1   |      |
| 13    | 0000       | 8M0142672   | BRACKET Alternator          | Port      | 1   |      |
| 14    | 0010       | 8M0142460   | SCREW (M8 x 45) HEX FLG     |           | 2   |      |
| 15    | 0010       | 8M0142677   | SCREW (M8 x 85)             |           | 2   |      |

# Shift System Mechanical



67210

## Shift System Mechanical

| Ref # | Part Class | Part Number | Description                     | Comments           | Qty | Note |
|-------|------------|-------------|---------------------------------|--------------------|-----|------|
| 1     | 0000       | 8M0142824   | BRACKET Shift Throttle          |                    | 1   |      |
| 2     | 0010       | 4010620     | SCREW (M6 x 20) Stainless Steel |                    | 2   |      |
| 3     | 0000       | 899044      | LATCH                           |                    | 2   |      |
| 4     | 0010       | 42975       | DRIVE SCREW                     |                    | 4   |      |
| 5     | 0084       | 8M0142827   | HARNESS Demand Sensor           |                    | 2   |      |
| 6     | 0010       | 40011107    | SCREW (M5 x 16) Stainless Steel |                    | 4   |      |
| 7     | 0024       | 8M0142826   | SPRING Throttle                 |                    | 1   |      |
| 8     | 0000       | 8M0142828   | ARM ASSEMBLY                    | Throttle and Shift | 2   |      |
| 9     | 0000       | 8M0142825   | RETAINER                        |                    | 2   |      |
| 10    | 0011       | 825677      | PUSH NUT                        |                    | 2   |      |



## Oil System

| Ref # | Part Class | Part Number | Description                        | Comments | Qty | Note |
|-------|------------|-------------|------------------------------------|----------|-----|------|
| 1     | 0000       | 8M0142467   | BRACKET Oil Fill                   |          | 1   |      |
| 2     | 0025       | 8M0096302   | GROMMET                            |          | 2   |      |
| 3     | 0016       | 8M0022161   | STUD (M8 x 71.5)                   |          | 4   |      |
| 4     | 0011       | 826365      | NUT (M8)                           |          | 4   |      |
| 5     | 0010       | 8M0103805   | SCREW (M6 x 16MM) Stainless Steel  |          | 2   |      |
| 6     | 0000       | 8M0142478   | NECK Oil Fill                      |          | 1   |      |
| 7     | 0025       | 8M0142470   | GROMMET                            |          | 1   |      |
| 8     | 0036       | 8M0142290   | CAP Oil                            |          | 1   |      |
| 9     | 0025       | 90196       | O-RING (.921 x .139)               |          | 1   |      |
| 10    | 0054       | 8M6001459   | CLAMP (45.5)                       |          | 2   |      |
| 11    | 0032       | 8M0142469   | HOSE Oil Fill                      |          | 1   |      |
| 12    | 0010       | 8M0103806   | SCREW (M6 x 20 MM) Stainless Steel |          | 1   |      |
| 13    | 0022       | 8M0142468   | TUBE Oil Fill                      |          | 1   |      |
| 14    | 0025       | 8M0044601   | O-RING                             |          | 1   | [1]  |
| 15    | 0000       | 8M0142480   | TUBE Dipstick- Upper               |          | 1   |      |
| 16    | 0025       | 8M0142481   | O-RING (0.362 x 0.103)             |          | 1   |      |
| 17    | 0000       | 8M0142602   | TUBE Dipstick                      |          | 1   |      |
| 18    | 0025       | 8M0142471   | GROMMET (0.375 IN)                 |          | 1   |      |
| 19    | 0000       | 8M0142606   | TUBE                               |          | 1   |      |
| 20    | 0025       | 8M0142452   | O-RING (70 Durometer)              |          | 2   | [1]  |
| 21    | 0025       | 8M0142450   | O-RING (70 Durometer)              |          | 2   | [1]  |
| 22    | 0000       | 8M0142484   | BRACKET Oil Filter                 |          | 1   |      |
| 23    | 0010       | 8M0142485   | SCREW (M6) HX FLG                  |          | 2   |      |
| 24    | 0000       | 8M0142454   | OIL DRIP TRAY                      |          | 1   |      |
| 25    | 0032       | 8M0142457   | HOSE Drip tray                     |          | 1   |      |
| 26    | 0022       | 8M0142456   | FITTING                            |          | 1   |      |
| 27    | 0019       | 8M0143229   | PLUG Drip Tray                     |          | 1   |      |
| 28    | 0010       | 895054      | SCREW (M4 x 16 MM)                 |          | 2   |      |
| 29    | 0010       | 8M0103804   | SCREW (M6 x 12 MM) Stainless Steel |          | 1   |      |
| 30    | 0010       | 8M0080651   | SCREW (M6 x 20)                    |          | 4   |      |
| 31    | 0027       | 8M0142482   | GASKET Adapter                     |          | 1   | [1]  |
| 32    | 0000       | 8M0142483   | ADAPTER Oil Filter                 |          | 1   | [1]  |
| 33    | 0022       | 8M0142453   | FITTING                            |          | 1   |      |
| 34    | 0035       | 8M0123025   | OIL FILTER                         |          | 1   |      |
| 35    | 0000       | 8M0142601   | DIPSTICK                           |          | 1   |      |
| 36    | 0000       | 8M0142403   | OIL PUMP ASSEMBLY                  |          | 1   |      |
| 37    | 0017       | 8M0142408   | DOWEL Pin                          |          | 2   |      |
| 38    | 0010       | 8M0142407   | SCREW (M6) HEX SOCKET FLAT X 16 LG |          | 6   |      |
| 39    | 0010       | 8M0142401   | SCREW (M6) HX FL REDUCED HEAD      |          | 4   |      |
| 40    | 0054       | 8M6000385   | CLAMP (39.6 MM)                    |          | 2   |      |
| 41    | 0000       | 8M0142402   | OIL PICK UP ASSEMBLY               |          | 1   |      |
| 42    | 0025       | 8M6001577   | O-RING M6 X 46                     |          | 1   | [1]  |



**Cat.# 90-8M0142637**

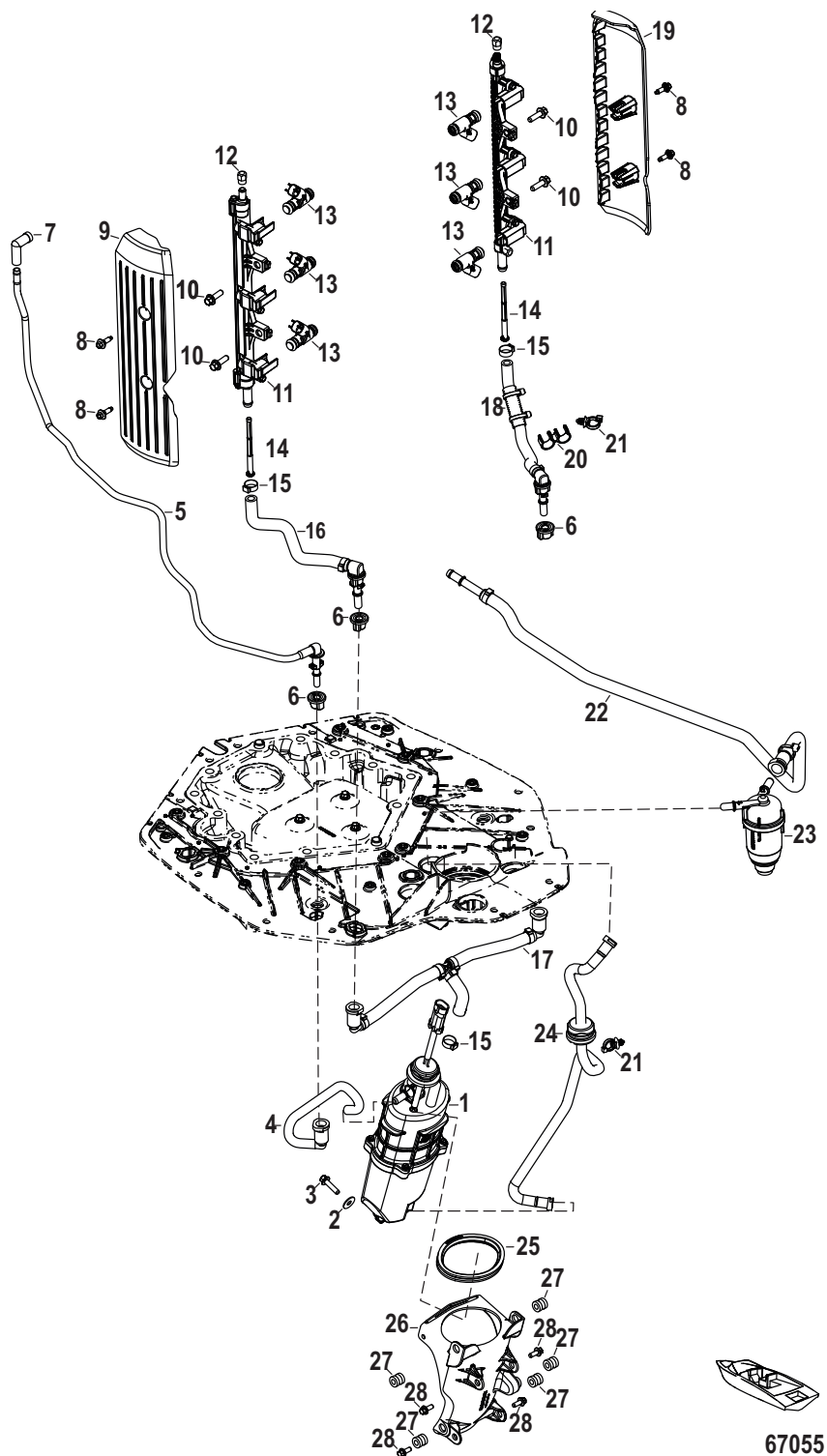
## Oil System

| Ref # | Part Class | Part Number | Description            | Comments | Qty | Note |
|-------|------------|-------------|------------------------|----------|-----|------|
| 43    | 0037       | 8M0142570   | DECAL Check Engine Oil |          | 1   |      |
| -     | 0000       | 8M0142971   | GASKET SET Powerhead   |          | 1   |      |

**PART NOTES:**

[1] - Component of Powerhead Gasket Set 8M0142971

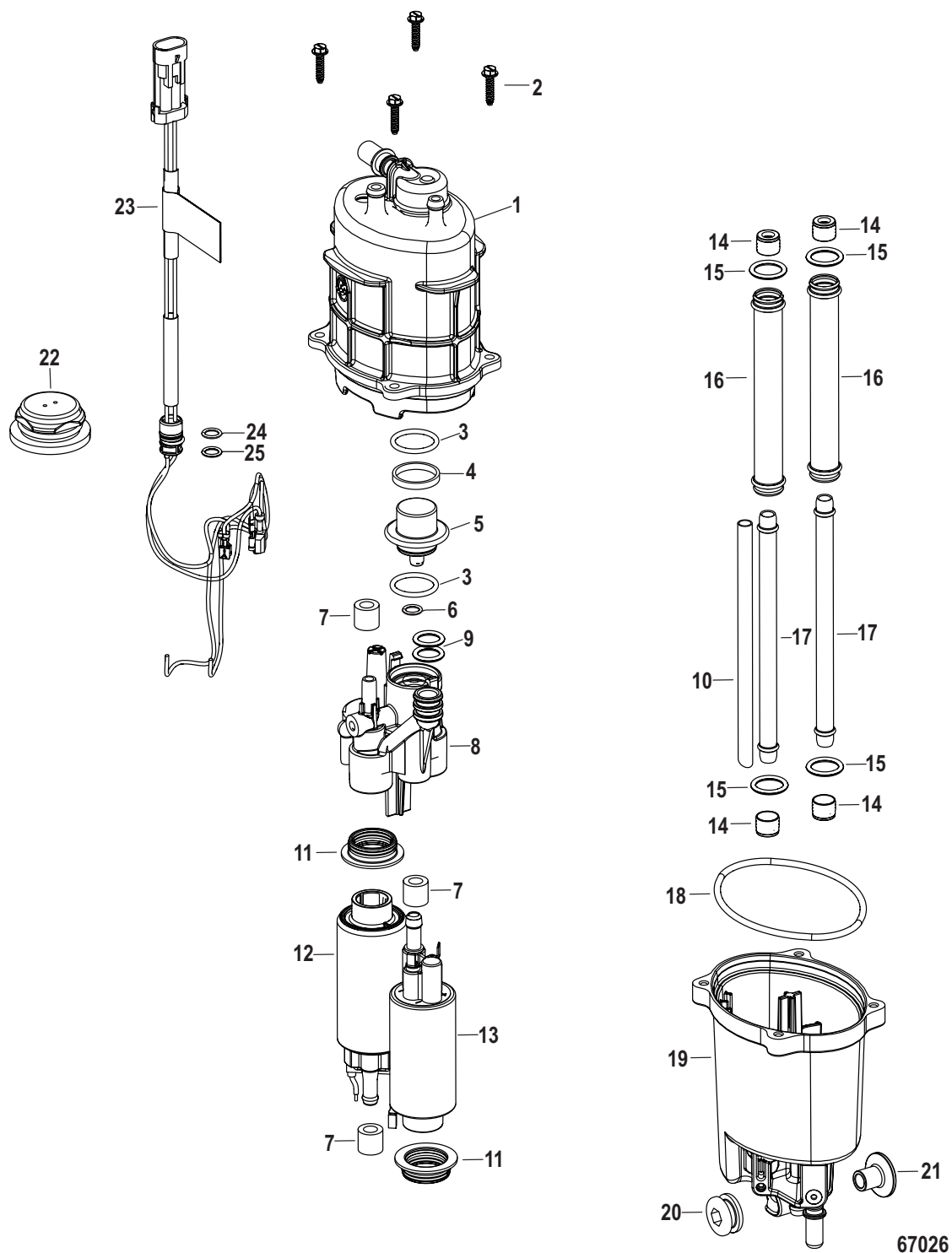
## Fuel System



## Fuel System

| Ref # | Part Class | Part Number | Description                                    | Comments | Qty | Note |
|-------|------------|-------------|------------------------------------------------|----------|-----|------|
| 1     | 0000       | 8M0132732   | FUEL SUPPLY MODULE                             |          | 1   |      |
| 2     | 0012       | 65567       | WASHER (.265 x .750 x .048)<br>Stainless Steel |          | 1   |      |
| 3     | 0010       | 8M0103807   | SCREW (M6 x 25 MM) Stainless<br>Steel          |          | 1   |      |
| 4     | 0032       | 8M0142432   | HOSE Intake to FSM                             |          | 1   |      |
| 5     | 0032       | 8M0142436   | HOSE ASSEMBLY Manifold Ref<br>Upper            |          | 1   |      |
| 6     | 0025       | 884546      | GROMMET                                        |          | 3   |      |
| 7     | 0032       | 8M0093068   | HOSE                                           |          | 1   |      |
| 8     | 0000       | 8M0005773   | SCREW (M6)                                     |          | 4   |      |
| 9     | 0000       | 8M0142604   | COVER Fuel Rail, Port                          |          | 1   |      |
| 10    | 0010       | 8M0103806   | SCREW (M6 x 20 MM) Stainless<br>Steel          |          | 4   |      |
| 11    | 0000       | 8M0142557   | FUEL RAIL ASSEMBLY Port                        |          | 1   |      |
| 11    | 0000       | 8M0142558   | FUEL RAIL ASSEMBLY Starboard                   |          | 1   |      |
| 12    | 0019       | 8M0046566   | CAP                                            |          | 2   |      |
| 13    | 0000       | 8M0142264   | FUEL INJECTOR                                  |          | 6   |      |
| 14    | 0035       | 8M0090809   | FILTER                                         |          | 2   |      |
| 15    | 0054       | 8M0142585   | CLAMP                                          |          | 3   |      |
| 16    | 0032       | 8M0142442   | HOSE ASSEMBLY FSM To Port Rail                 |          | 1   |      |
| 17    | 0032       | 8M0142437   | HOSE ASSEMBLY FSM To Fuel Rail                 |          | 1   |      |
| 18    | 0032       | 8M0142444   | HOSE ASSEMBLY FSM To<br>Starboard Rail         |          | 1   |      |
| 19    | 0000       | 8M0142605   | COVER Fuel Rail, Starboard                     |          | 1   |      |
| 20    | 0054       | 8M0142445   | CLIP                                           |          | 1   |      |
| 21    | 0054       | 899145      | CLIP Tie Strap                                 |          | 2   |      |
| 22    | 0032       | 8M0142446   | HOSE ASSEMBLY Cowl to FSM                      |          | 1   |      |
| 23    | 0035       | 8M0106635   | FUEL FILTER                                    |          | 1   |      |
| 24    | 0032       | 8M0142430   | HOSE Fuel Filter to FSM                        |          | 1   |      |
| 25    | 0000       | 8M0037209   | GROMMET FSM Retainer                           |          | 1   |      |
| 26    | 0000       | 8M0142722   | BRACKET FSM                                    |          | 1   |      |
| 27    | 0025       | 8M0142724   | GROMMET                                        |          | 5   |      |
| 28    | 0010       | 8M0103805   | SCREW (M6 x 16MM) Stainless<br>Steel           |          | 4   |      |

## Fuel Supply Module



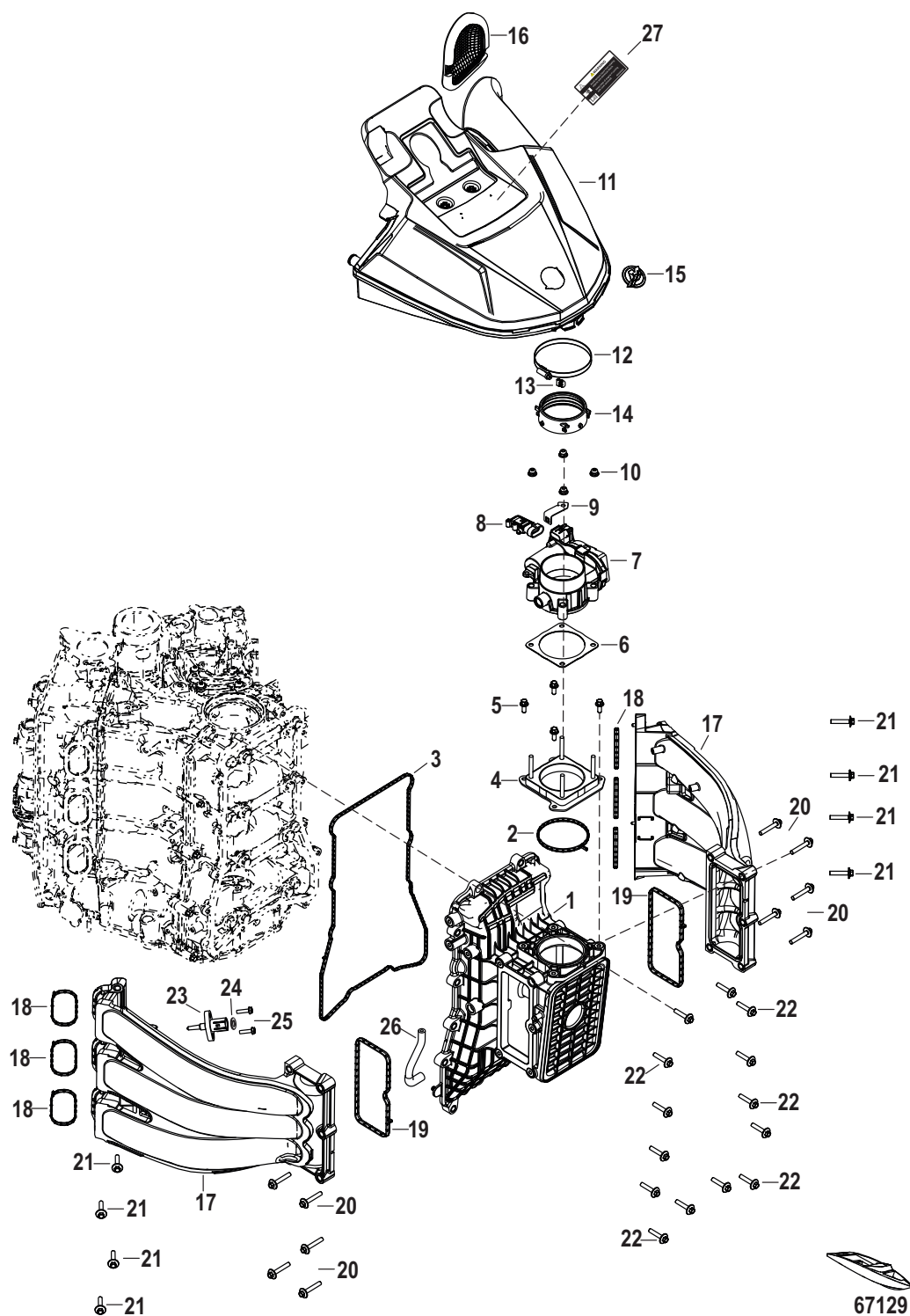
## Fuel Supply Module

| Ref # | Part Class | Part Number | Description                 | Comments | Qty | Note |
|-------|------------|-------------|-----------------------------|----------|-----|------|
| -     | 0000       | 8M0132732   | FUEL SUPPLY MODULE          |          | 1   |      |
| 1     | 0000       | 8M0053726   | FSM TOP HOUSING             |          | 1   |      |
| 2     | 0010       | 8M0053756   | SCREW Plastite W/ HX WSR HD |          | 4   |      |
| 3     |            | NSS         | NOT SOLD SEPARATE O-Ring    |          | 2   | [1]  |
| 4     |            | NSS         | NOT SOLD SEPARATE Spacer    |          | 1   | [1]  |
| 5     | 0000       | 8M0053749   | REGULATOR ASSEMBLY          |          | 1   |      |
| 6     |            | NSS         | NOT SOLD SEPARATE O-Ring    |          | 1   | [1]  |
| 7     |            | NSS         | NOT SOLD SEPARATE Seal      |          | 3   | [1]  |
| 8     | 0036       | 8M0130877   | FSM CAP                     |          | 1   |      |
| 9     |            | NSS         | NOT SOLD SEPARATE O-Ring    |          | 2   | [1]  |
| 10    | 0032       | 8M0053755   | TUBE Suction                |          | 1   |      |
| 11    |            | NSS         | NOT SOLD SEPARATE Seal      |          | 2   | [1]  |
| 12    | 0000       | 8M0103288   | PUMP ASSEMBLY High Pressure |          | 1   |      |
| 13    | 0000       | 8M0103289   | PUMP ASSEMBLY Low Pressure  |          | 1   |      |
| 14    |            | NSS         | NOT SOLD SEPARATE Seal      |          | 4   | [1]  |
| 15    |            | NSS         | NOT SOLD SEPARATE O-Ring    |          | 4   | [1]  |
| 16    | 0032       | 8M0120073   | TUBE Water                  |          | 2   |      |
| 17    | 0032       | 8M0130873   | TUBE Fuel                   |          | 2   |      |
| 18    |            | NSS         | NOT SOLD SEPARATE Seal      |          | 1   |      |
| 19    | 0000       | 8M0130878   | FSM BOTTOM HOUSING          |          | 1   |      |
| 20    | 0025       | 895319      | GROMMET                     |          | 1   |      |
| 21    | 0023       | 856954      | BUSHING                     |          | 1   |      |
| 22    | 0025       | 8M0086888   | GROMMET FSM Harness Spacer  |          | 1   | [1]  |
| 23    | 0084       | 8M6004776   | HARNESS ASSEMBLY            |          | 1   |      |
| 24    |            | NSS         | NOT SOLD SEPARATE O-Ring    |          | 1   | [1]  |
| 25    |            | NSS         | NOT SOLD SEPARATE O-Ring    |          | 1   | [1]  |
| -     | 0000       | 8M0133370   | FSM SEAL KIT                |          | 1   |      |

## PART NOTES:

[1] - Component of FSM Seal Kit 8M0133370

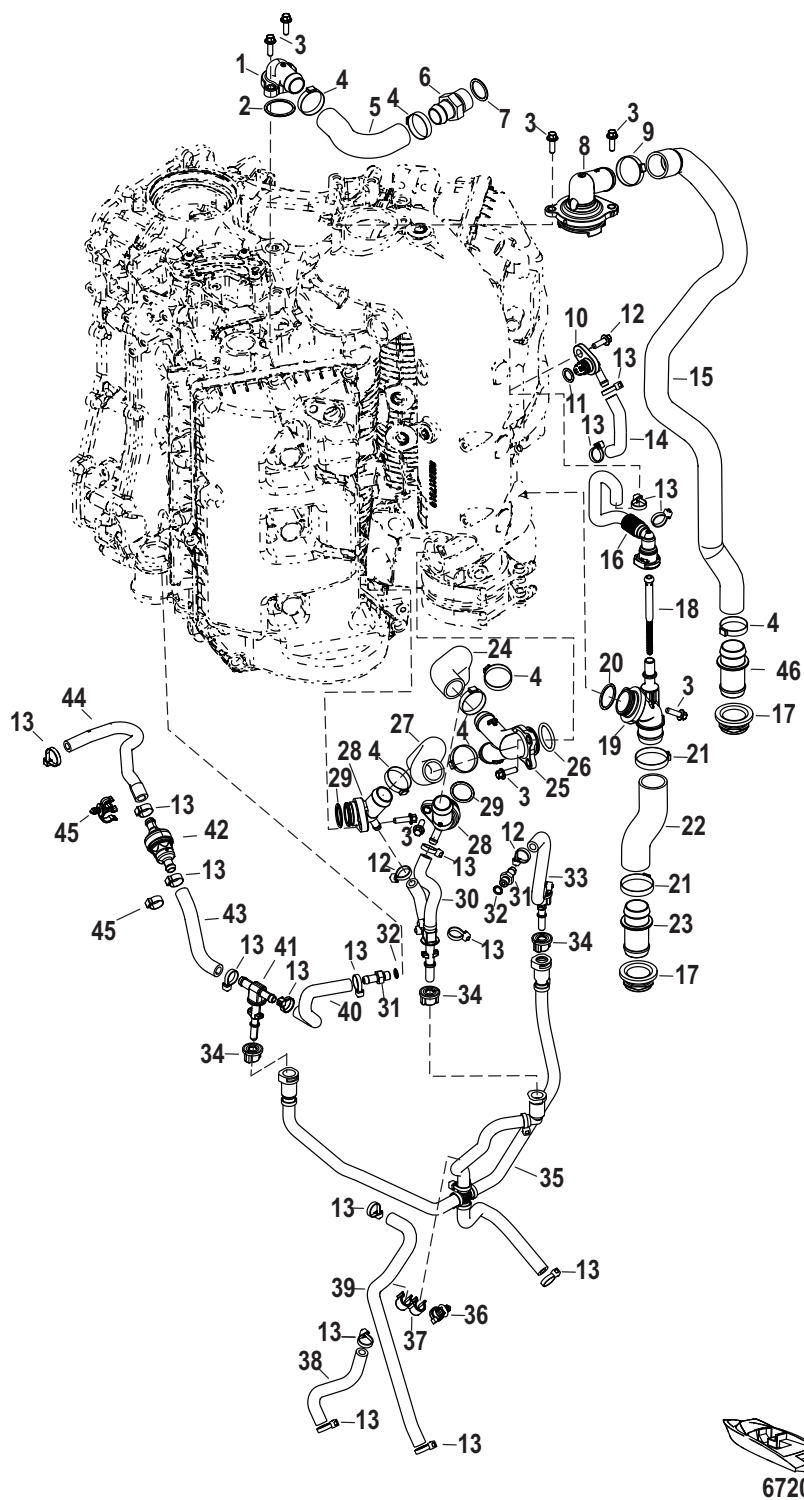
## Intake System



## Intake System

| Ref # | Part Class | Part Number | Description                       | Comments | Qty | Note |
|-------|------------|-------------|-----------------------------------|----------|-----|------|
| 1     | 0000       | 8M0142562   | COVER Bedplate                    |          | 1   |      |
| 2     | 0027       | 8M0142564   | GASKET Throttle Body              |          | 1   |      |
| 3     | 0027       | 8M0142563   | GASKET Crankcase Cover            |          | 1   |      |
| 4     | 0000       | 8M0142567   | ISOLATOR ASSEMBLY                 |          | 1   |      |
| 5     | 0010       | 8M0103805   | SCREW (M6 x 16MM) Stainless Steel |          | 4   |      |
| 6     | 0027       | 8M0142568   | GASKET Throttle Body              |          | 1   |      |
| 7     | 0000       | 8M0142276   | THROTTLE BODY ASSEMBLY 64 MM      |          | 1   |      |
| 8     | 0000       | 8M0142690   | SENSOR MAP                        |          | 1   |      |
| 9     | 0000       | 8M0142550   | BRACKET MAP Sensor                |          | 1   |      |
| 10    | 0011       | 8M0147750   | NUT (M6)                          |          | 4   |      |
| 11    | 0000       | 8M0142246   | AIR INLET ASSEMBLY                |          | 1   |      |
| 12    | 0054       | 8M0142571   | CLAMP (70-90 MM) 9 MM WIDE        |          | 1   |      |
| 13    | 0019       | 8M0074363   | CAP                               |          | 1   |      |
| 14    | 0000       | 8M0146102   | SEAL Throttle Body                |          | 1   |      |
| 15    | 0037       | 8M0043701   | M-ICON 39MM - Small               |          | 1   |      |
| 16    | 0035       | 8M0147749   | INTAKE SCREEN                     |          | 1   |      |
| 17    | 0000       | 8M0142565   | MANIFOLD Intake, Port             |          | 1   |      |
| 17    | 0000       | 8M0142560   | MANIFOLD Intake, Starboard        |          | 1   |      |
| 18    | 0027       | 8M0142548   | GASKET Intake Manifold            |          | 6   |      |
| 19    | 0027       | 8M0142561   | GASKET Runner Plenum              |          | 2   |      |
| 20    | 0010       | 8M0142553   | SCREW (M6 x 37)                   |          | 10  |      |
| 21    | 0010       | 8M0142554   | SCREW (M6 x 30)                   |          | 8   |      |
| 22    | 0010       | 8M0142555   | SCREW (M6 x 30)                   |          | 14  |      |
| 23    | 0000       | 891663001   | SENSOR ASSEMBLY Temperature       |          | 1   |      |
| 24    | 0027       | 8M0142578   | GASKET MAT Sensor                 |          | 1   |      |
| 25    | 0010       | 895054      | SCREW (M4 x 16 MM)                |          | 2   |      |
| 26    | 0032       | 8M0142566   | HOSE MAP Sensor                   |          | 1   |      |
| 27    | 0037       | 8M0142569   | DECAL Warning                     |          | 1   |      |

## Cooling System

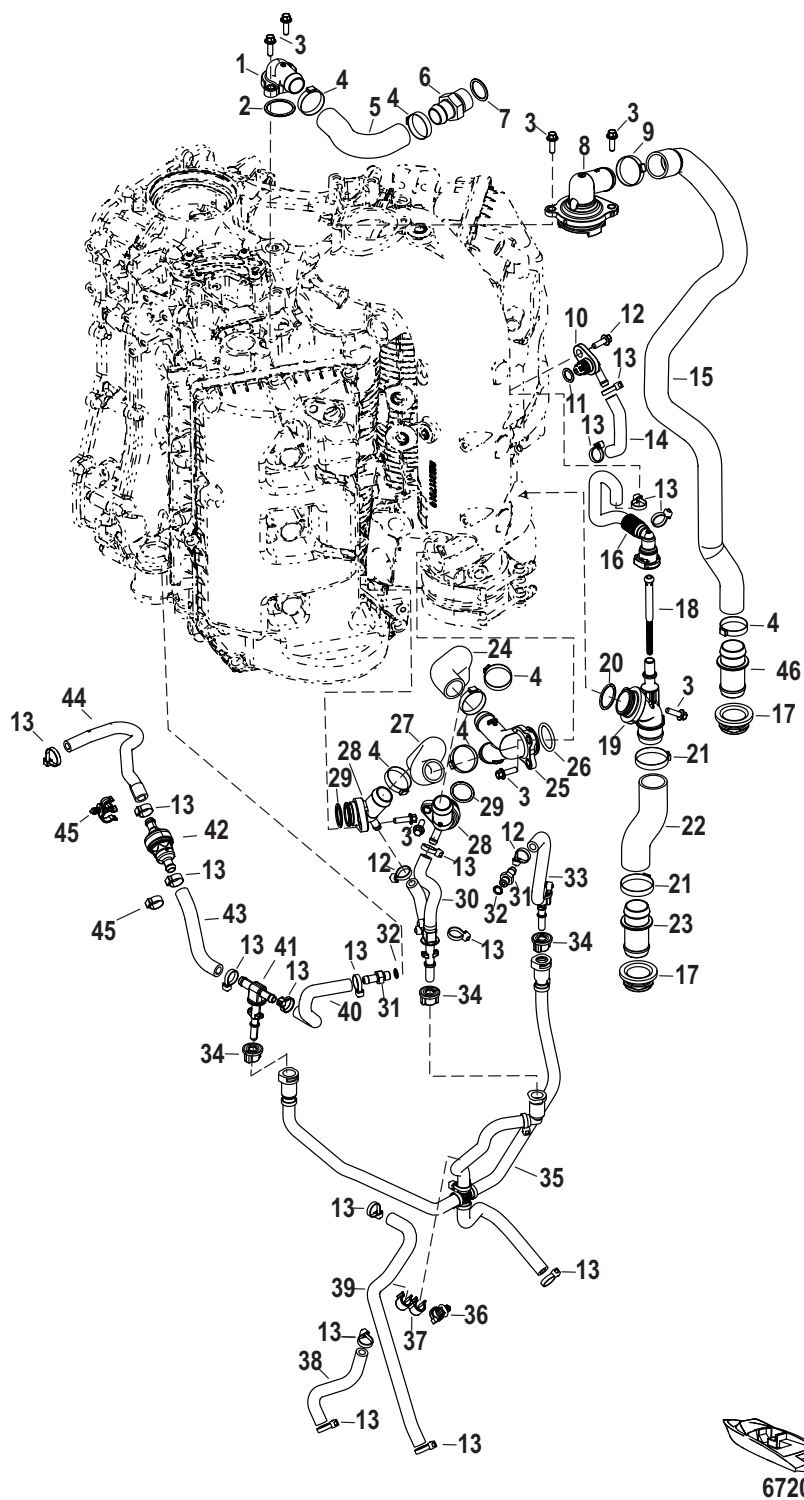


## Cooling System

| Ref # | Part Class | Part Number | Description                           | Comments                             | Qty | Note |
|-------|------------|-------------|---------------------------------------|--------------------------------------|-----|------|
| 1     | 0022       | 8M0142494   | FITTING                               | Water Outlet                         | 1   |      |
| 2     | 0025       | 35480       | O-RING (1.237 x .103)                 |                                      | 1   | [1]  |
| 3     | 0010       | 8M0103806   | SCREW (M6 x 20 MM) Stainless Steel    |                                      | 8   |      |
| 4     | 0054       | 8M0028753   | CLAMP Oetiker (31.6 Diameter)         |                                      | 6   |      |
| 5     | 0032       | 8M0142503   | HOSE Cooling                          | Port Cylinder to Exhaust             | 1   |      |
| 6     | 0022       | 8M0142516   | FITTING Barbed                        |                                      | 1   |      |
| 7     | 0025       | 8M0142517   | O-RING (23.6 MM ID X 2.9 MM)          |                                      | 1   | [1]  |
| 8     | 0000       | 8M0137816   | THERMOSTAT                            |                                      | 1   |      |
| 9     | 0054       | 888988008   | CLAMP (34.6 MM)                       |                                      | 1   |      |
| 10    | 0022       | 8M0142512   | FITTING Strainer                      |                                      | 1   |      |
| 11    | 0025       | 201951      | O-RING (.487 x .103)                  |                                      | 1   | [1]  |
| 12    | 0010       | 8M0103805   | SCREW (M6 x 16MM) Stainless Steel     |                                      | 1   |      |
| 13    | 0054       | 816311T     | TIE STRAP (8.00 Inches)               |                                      | 17  |      |
| 14    | 0032       | 8M0142513   | HOSE                                  | Water Sprayer Exhaust                | 1   |      |
| 15    | 0032       | 8M0142610   | HOSE Thermostat Outlet                |                                      | 1   |      |
| 16    | 0032       | 8M0142511   | HOSE                                  | Water Sprayer Exhaust                | 1   |      |
| 17    | 0025       | 8M0142501   | GROMMET                               | Chap Plate                           | 2   |      |
| 18    | 0000       | 8M0142515   | STRAINER Water                        |                                      | 1   |      |
| 19    | 0022       | 8M0142514   | FITTING Inlet                         |                                      | 1   |      |
| 20    | 0025       | 86614       | O-RING (1.049 x .103)                 |                                      | 1   |      |
| 21    | 0054       | 888988011   | CLAMP (38.1 MM)                       |                                      | 2   |      |
| 22    | 0032       | 8M0142612   | HOSE                                  | Water Inlet                          | 1   |      |
| 23    | 0022       | 8M0142506   | FITTING Connector                     |                                      | 1   |      |
| 24    | 0032       | 8M0142620   | HOSE                                  | Water to Starboard Cylinder Head     | 1   |      |
| 25    | 0022       | 8M0142507   | YFITTING                              | Exhaust to Cylinder Head             | 1   |      |
| 26    | 0025       | 26317       | O-RING                                |                                      | 1   | [1]  |
| 27    | 0032       | 8M0142621   | HOSE                                  | Water to Port Cylinder Head          | 1   |      |
| 28    | 0022       | 8M0142510   | FITTING                               | Water Inlet                          | 2   |      |
| 29    | 0025       | 29845       | O-RING (.924 x .103)                  |                                      | 2   | [1]  |
| 30    | 0032       | 8M0142518   | HOSE ASSEMBLY                         | Cylinder Head Drain                  | 1   |      |
| 31    | 0022       | 8M0142522   | FITTING Barbed                        |                                      | 2   |      |
| 32    | 0025       | 8M0142523   | O-RING (8.1 MM ID X 1.6MM)            |                                      | 2   | [1]  |
| 33    | 0032       | 8M0142498   | HOSE ASSEMBLY Water Outlet, Starboard |                                      | 1   |      |
| 34    | 0025       | 884546      | GROMMET                               |                                      | 3   |      |
| 35    | 0032       | 8M0142486   | HOSE ASSEMBLY                         | Water Drain Assembly                 | 1   |      |
| 36    | 0054       | 899145      | CLIP Tie Strap                        |                                      | 1   |      |
| 37    | 0000       | 888523001   | CLIP                                  |                                      | 1   |      |
| 38    | 0032       | 8M0142524   | HOSE                                  | Strainer to Fuel Supply Module Inlet | 1   |      |
| 39    | 0032       | 8M0142617   | HOSE                                  | Strainer to Mount Cooler             | 1   |      |
| 40    | 0032       | 8M0142496   | HOSE ASSEMBLY Water Outlet, Port      |                                      | 1   |      |
| 41    | 0022       | 8M0142497   | FITTING Flush Drain                   |                                      | 1   |      |

## Cooling System

## Cooling System



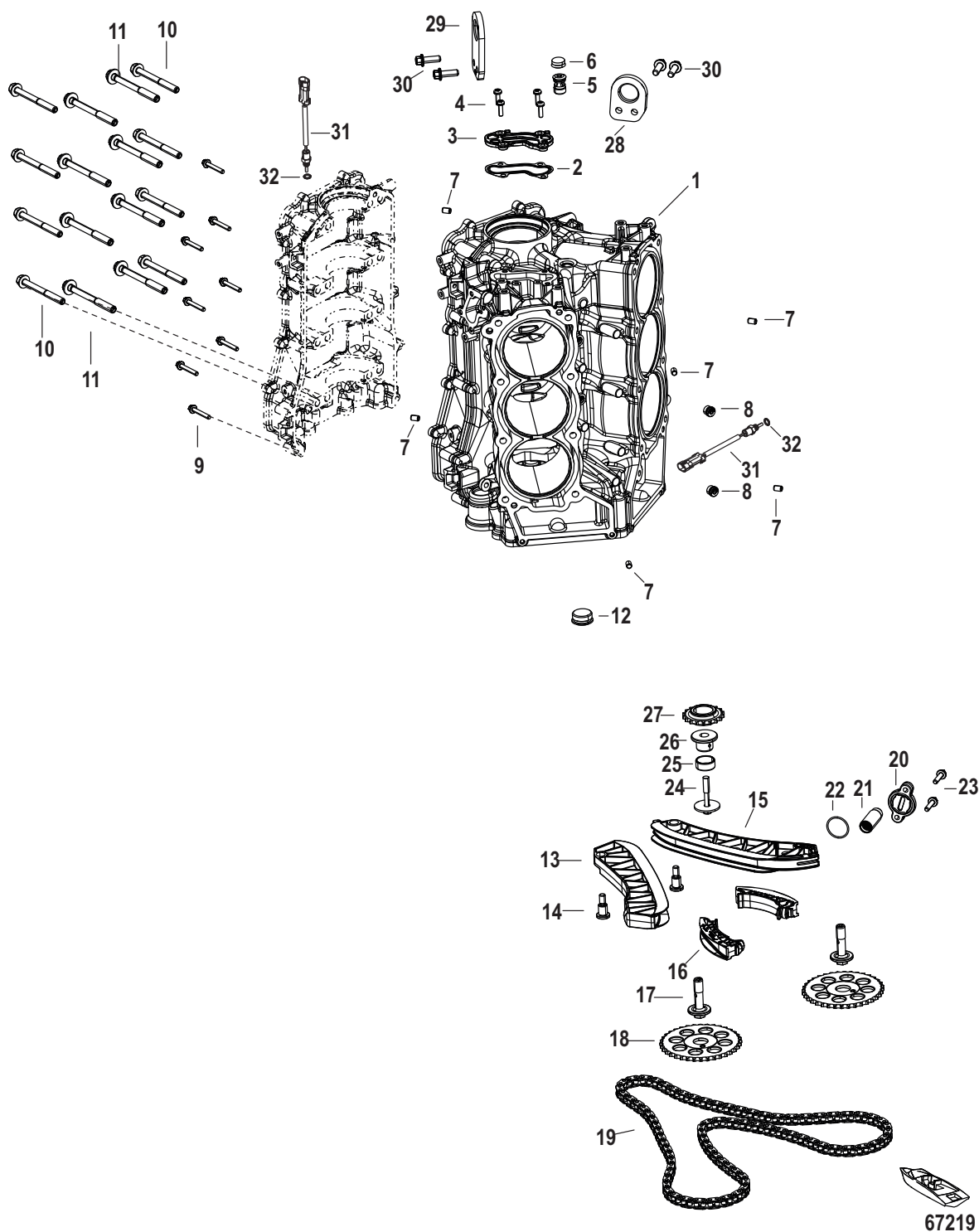
## Cooling System

| Ref # | Part Class | Part Number | Description         | Comments | Qty | Note |
|-------|------------|-------------|---------------------|----------|-----|------|
| 42    | 0032       | 8M0142528   | HOSE ASSEMBLY       | Flush    | 1   |      |
| 43    | 0032       | 8M0142530   | HOSE ASSEMBLY       |          | 1   |      |
| 44    | 0032       | 8M0142529   | HOSE                |          | 1   |      |
| 45    | 0054       | 8M0157397   | CLAMP Oetiker, 17.5 |          | 1   |      |
| 46    | 0054       | 8M0142531   | CLIP                |          | 1   |      |
| 47    | 0022       | 8M0142509   | FITTING Connector   |          | 1   |      |

**PART NOTES:**

[1] - Component of Powerhead Gasket Set 8M0142971

## Cylinder Block



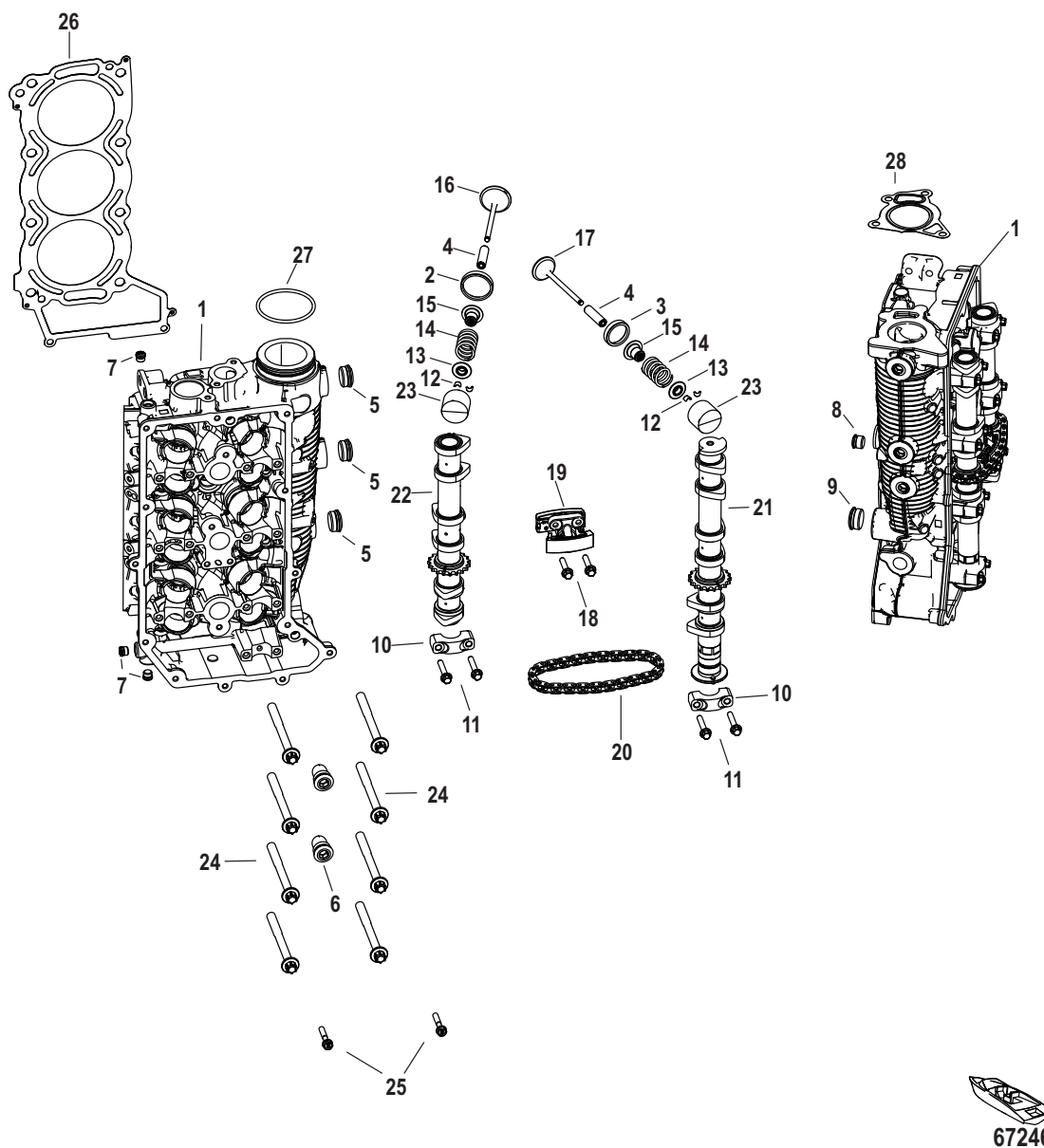
## Cylinder Block

| Ref # | Part Class | Part Number | Description                            | Comments | Qty | Note |
|-------|------------|-------------|----------------------------------------|----------|-----|------|
| 1     | 0800       | 8M0142343   | CYLINDER BLOCK                         |          | 1   |      |
| 2     | 0027       | 8M0142348   | GASKET Cover Plate                     |          | 1   | [1]  |
| 3     | 1000       | 8M0142349   | COVER                                  |          | 1   |      |
| 4     | 0010       | 8M0080651   | SCREW (M6 x 20)                        |          | 4   |      |
| 5     | 0019       | 8M0142352   | PLUG 18 MM                             |          | 1   |      |
| 6     | 0025       | 8M0142353   | O-RING (0.614 x 0.070)                 |          | 1   |      |
| 7     | 0017       | 893540      | PIN Dowel, 8x12 long                   |          | 6   |      |
| 8     | 0019       | 8M0087447   | PLUG (10MM)                            |          | 2   |      |
| 9     | 0010       | 8M0103809   | SCREW (M6 x 40 MM) Stainless Steel     |          | 8   |      |
| 10    | 0010       | 8M0142347   | SCREW (M10 x 96 MM) HEX FLG HD         |          | 8   |      |
| 11    | 0010       | 8M0142346   | SCREW (M11 x 107 MM) 12 POINT HEX HEAD |          | 8   |      |
| 12    | 0019       | 8M0087454   | PLUG (30 MM)                           |          | 1   |      |
| 13    | 0000       | 8M0142393   | GUIDE Cam Drive                        |          | 1   |      |
| 14    | 0010       | 8M0086569   | SCREW Shoulder (M8 x 1.25)             |          | 1   |      |
| 15    | 0000       | 8M0142392   | GUIDE Moveable                         |          | 1   |      |
| 16    | 0010       | 8M0142400   | GUIDE SHORT SPAN                       |          | 2   |      |
| 17    | 0010       | 8M0142395   | CAM BOLT M12 Special Left Hand         |          | 2   |      |
| 18    | 0000       | 8M0142390   | SPROCKET Camshaft                      |          | 2   |      |
| 19    | 0010       | 8M0142399   | CHAIN CAM DRIVE                        |          | 1   |      |
| 20    | 1100       | 8M0064752   | END CAP Cam Tensioner                  |          | 1   |      |
| 21    | 0000       | 8M0142394   | TENSIONER ASSEMBLY Timing Chain        |          | 1   |      |
| 22    | 0025       | 898836      | O-RING Brown                           |          | 1   | [1]  |
| 23    | 0010       | 8M0103807   | SCREW (M6 x 25 MM) Stainless Steel     |          | 2   |      |
| 24    | 0010       | 8M0142398   | SCREW (M8 x 45) HEX FL                 |          | 1   |      |
| 25    | 0023       | 8M0142397   | BUSHING Idler                          |          | 1   |      |
| 26    | 0000       | 8M0142396   | IDLER Journal                          |          | 1   |      |
| 27    | 0000       | 8M0142391   | SPROCKET Idler                         |          | 1   |      |
| 28    | 0000       | 8M0142448   | LIFTING EYE Starboard                  |          | 1   |      |
| 29    | 0000       | 8M0142600   | LIFTING EYE Port                       |          | 1   |      |
| 30    | 0010       | 8M0103821   | SCREW                                  |          | 4   |      |
| 31    | 0000       | 8M0142542   | SENSOR Temperature                     |          | 2   |      |
| 32    | 0025       | 896699      | O-RING (1.78 mm x .08 mm)              |          | 2   | [1]  |
| -     | 0061       | 8M0142278   | LONG BLOCK                             |          | 1   |      |
| -     | 0000       | 8M0142971   | GASKET SET Powerhead                   |          | 1   |      |

## PART NOTES:

[1] - Component of Powerhead Gasket Set 8M0142971

## Cylinder Head and Camshaft



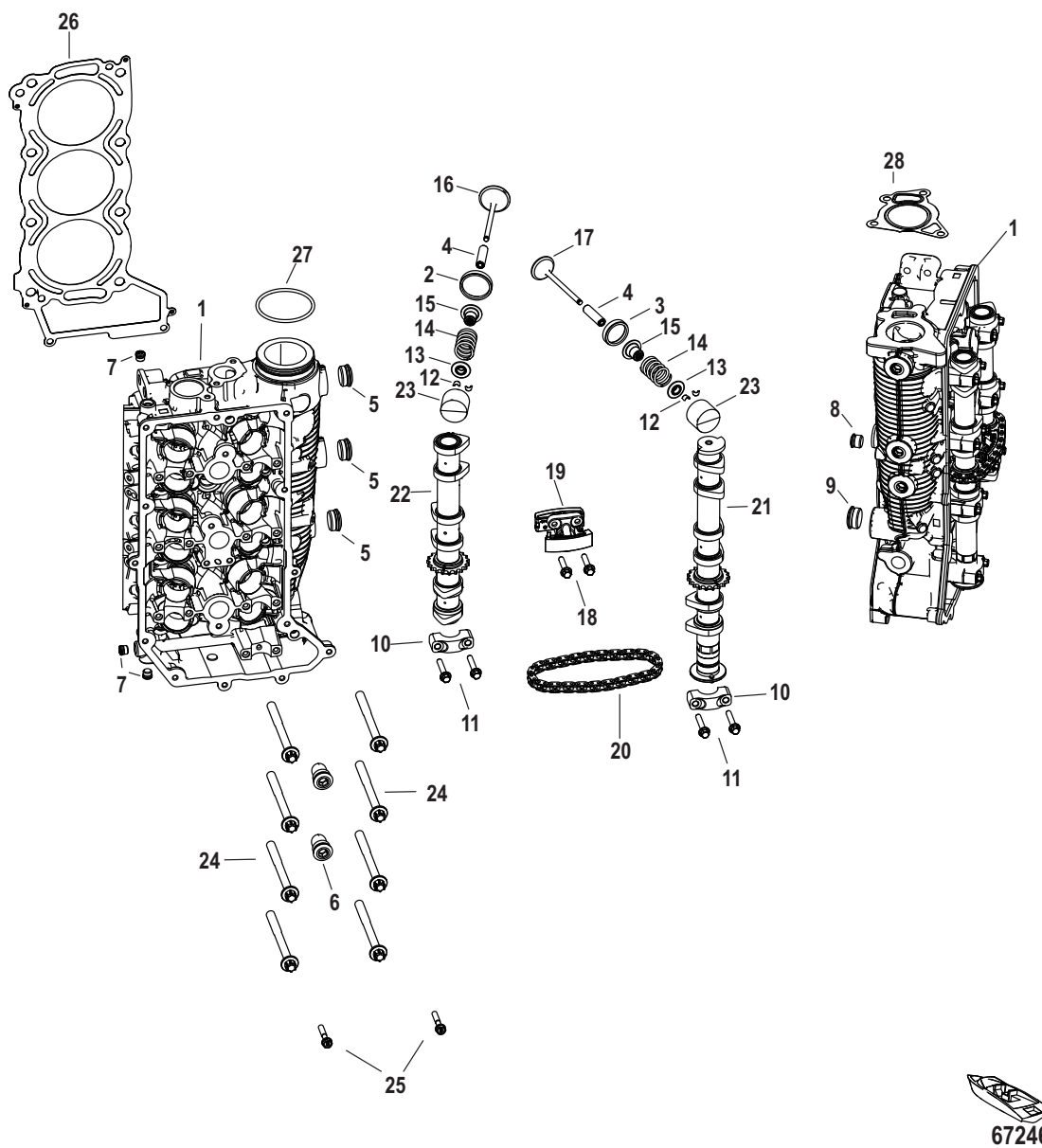
  
67246

## Cylinder Head and Camshaft

| Ref # | Part Class | Part Number | Description                            | Comments      | Qty   | Note |
|-------|------------|-------------|----------------------------------------|---------------|-------|------|
| -     | 0900       | 8M0150217   | CYLINDER HEAD ASSEMBLY Port            |               | 1     |      |
| -     | 0900       | 8M0150216   | CYLINDER HEAD ASSEMBLY Starboard       |               | 1     |      |
| 1     | 0900       | 8M0148561   | CYLINDER HEAD ASSEMBLY Basic-Port      |               | 1     |      |
| 1     | 0900       | 8M0148560   | CYLINDER HEAD ASSEMBLY Basic-Starboard |               | 1     |      |
| 2     | 0000       | 8M0142354   | VALVE Seat, Intake                     |               | 12    |      |
| 3     | 0000       | 8M0142355   | VALVE Seat, Exhaust                    |               | 12    |      |
| 4     | 0000       | 8M0142358   | VALVE Guide                            |               | 24    |      |
| 5     | 0019       | 8M0087453   | PLUG (24 MM)                           |               | 6     |      |
| 6     | 0019       | 8M0142357   | PLUG 21 MM Special                     |               | 4     |      |
| 7     | 0019       | 8M0087447   | PLUG (10MM)                            |               | 8     |      |
| 8     | 0019       | 8M0087451   | PLUG (18MM)                            |               | 2     |      |
| 9     | 0019       | 8M0087454   | PLUG (30 MM)                           |               | 2     |      |
| 10    |            | NSS         | NOT SOLD SEPARATE                      | Cap- Camshaft | 14    |      |
| 11    | 0010       | 892454035   | BOLT (M6 x 36)                         |               | 28    |      |
| 12    | 0028       | 8M0142364   | VALVE Key                              |               | 24    |      |
| 13    | 0000       | 8M0142363   | RETAINER                               |               | 24    |      |
| 14    | 0024       | 8M0142360   | SPRING                                 |               | 24    |      |
| 15    | 0000       | 8M0142359   | SEAL Valve                             |               | 24    |      |
| 16    | 0000       | 8M0142361   | VALVE Intake                           |               | 12    |      |
| 17    | 0000       | 8M0142362   | VALVE Exhaust                          |               | 12    |      |
| 18    | 0010       | 892454030   | SCREW (M6 x 30)                        |               | 4     |      |
| 19    | 0000       | 8M0142367   | TENSIONER                              |               | 2     |      |
| 20    | 0000       | 8M0142366   | CHAIN Cam to Cam                       |               | 2     |      |
| 21    | 0400       | 8M0142374   | CAMSHAFT Exhaust, Port                 |               | 1     |      |
| 21    | 0400       | 8M0142372   | CAMSHAFT Exhaust, Starboard            |               | 1     |      |
| 22    | 0400       | 8M0142373   | CAMSHAFT Intake, Port                  |               | 1     |      |
| 22    | 0400       | 8M0142370   | CAMSHAFT Intake, Starboard             |               | 1     |      |
| 23    | 0000       | 8M0142365   | TAPPET (3.000)                         |               | 24/AR |      |
| 23    | 0000       | 8M0142431   | TAPPET (3.015)                         |               | 24/AR |      |
| 23    | 0000       | 8M0142439   | TAPPET (3.030)                         |               | 24/AR |      |
| 23    | 0000       | 8M0142440   | TAPPET (3.045)                         |               | 24/AR |      |
| 23    | 0000       | 8M0142441   | TAPPET (3.060)                         |               | 24/AR |      |
| 23    | 0000       | 8M0142438   | TAPPET (3.075)                         |               | 24/AR |      |
| 23    | 0000       | 8M0142495   | TAPPET (3.090)                         |               | 24/AR |      |
| 23    | 0000       | 8M0142492   | TAPPET (3.105)                         |               | 24/AR |      |
| 23    | 0000       | 8M0142443   | TAPPET (3.120)                         |               | 24/AR |      |
| 23    | 0000       | 8M0142447   | TAPPET (3.135)                         |               | 24/AR |      |
| 23    | 0000       | 8M0142464   | TAPPET (3.150)                         |               | 24/AR |      |
| 23    | 0000       | 8M0142465   | TAPPET (3.165)                         |               | 24/AR |      |
| 23    | 0000       | 8M0142466   | TAPPET (3.180)                         |               | 24/AR |      |
| 23    | 0000       | 8M0142487   | TAPPET (3.195)                         |               | 24/AR |      |
| 23    | 0000       | 8M0142488   | TAPPET (3.210)                         |               | 24/AR |      |
| 23    | 0000       | 8M0142489   | TAPPET (3.225)                         |               | 24/AR |      |
| 23    | 0000       | 8M0142490   | TAPPET (3.240)                         |               | 24/AR |      |

## Cylinder Head and Camshaft

## Cylinder Head and Camshaft



67246

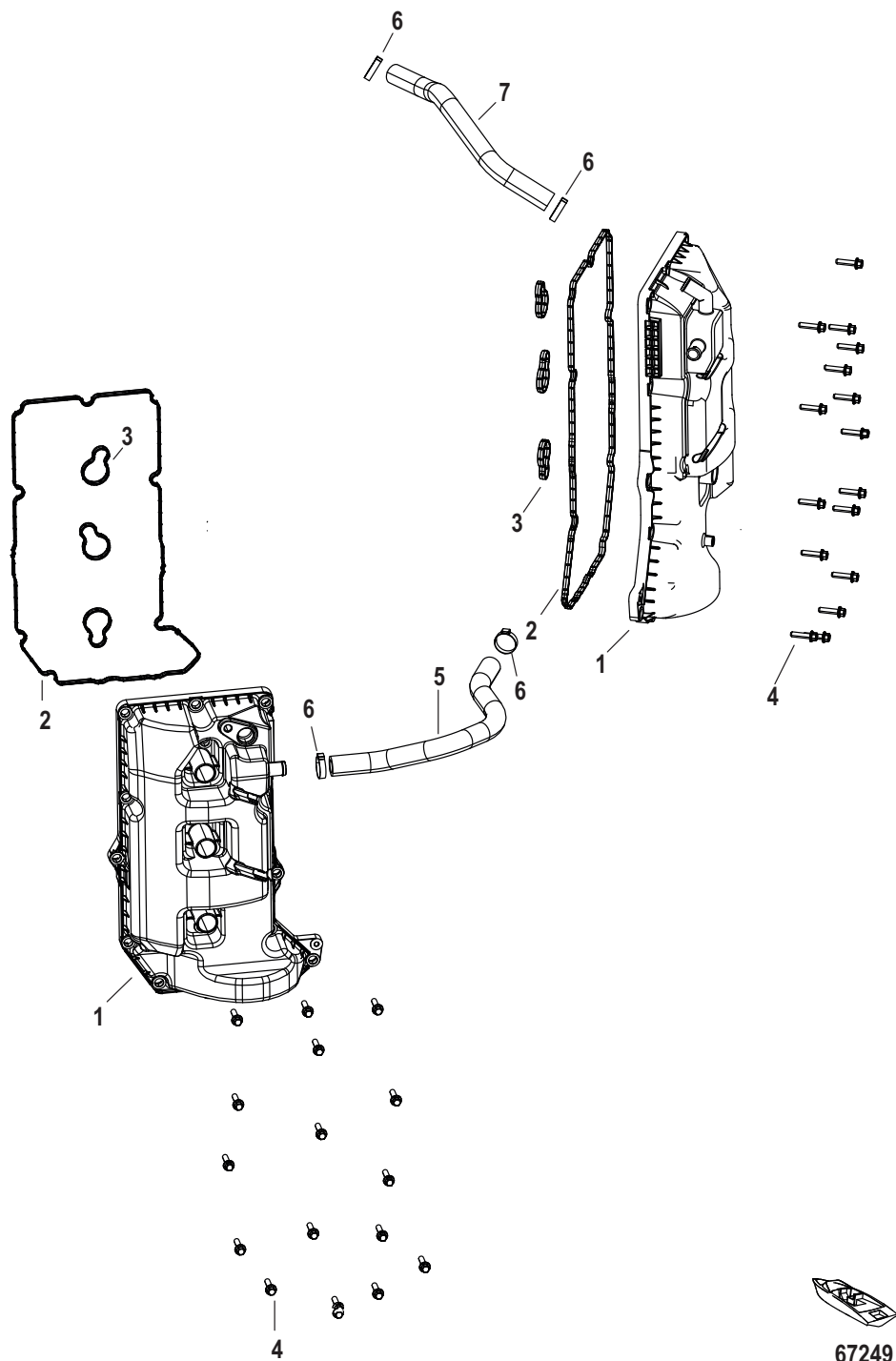
## Cylinder Head and Camshaft

| Ref # | Part Class | Part Number | Description                      | Comments | Qty   | Note |
|-------|------------|-------------|----------------------------------|----------|-------|------|
| 23    | 0000       | 8M0142491   | TAPPET (3.255)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142519   | TAPPET (3.270)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142520   | TAPPET (3.285)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142521   | TAPPET (3.300)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142525   | TAPPET (3.315)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142527   | TAPPET (3.330)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142532   | TAPPET (3.345)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142613   | TAPPET (3.360)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142252   | TAPPET (3.375)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142255   | TAPPET (3.390)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142256   | TAPPET (3.405)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142257   | TAPPET (3.420)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142258   | TAPPET (3.435)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142261   | TAPPET (3.450)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142263   | TAPPET (3.465)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142277   | TAPPET (3.480)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142291   | TAPPET (3.495)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142292   | TAPPET (3.510)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142666   | TAPPET (3.525)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142667   | TAPPET (3.540)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142668   | TAPPET (3.555)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142669   | TAPPET (3.570)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142670   | TAPPET (3.585)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142698   | TAPPET (3.600)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142699   | TAPPET (3.615)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142700   | TAPPET (3.630)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142701   | TAPPET (3.645)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142702   | TAPPET (3.660)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142703   | TAPPET (3.675)                   |          | 24/AR |      |
| 23    | 0000       | 8M0142704   | TAPPET (3.690)                   |          | 24/AR |      |
| 24    | 0010       | 8M0142369   | SCREW (M10 x 107) TORX FLG<br>HD |          | 16    |      |
| 25    | 0010       | 893754035   | SCREW (M6 X 35)                  |          | 4     |      |
| 26    | 0027       | 8M0142270   | GASKET Cylinder Head, Port       |          | 1     | [1]  |
| 26    | 0027       | 8M0142271   | GASKET Cylinder Head, Starboard  |          | 1     | [1]  |
| 27    | 0025       | 8M0142368   | O-RING (230 2.484 x .139)        |          | 1     | [1]  |
| 28    | 0027       | 8M0142537   | GASKET Exhaust Manifold          |          | 1     | [1]  |
| -     | 0061       | 8M0142278   | LONG BLOCK                       |          | 1     |      |
| -     | 0000       | 8M0142971   | GASKET SET Powerhead             |          | 1     |      |

## PART NOTES:

[1] - Component of Powerhead Gasket Set 8M0142971

## Camshaft Cover



67249

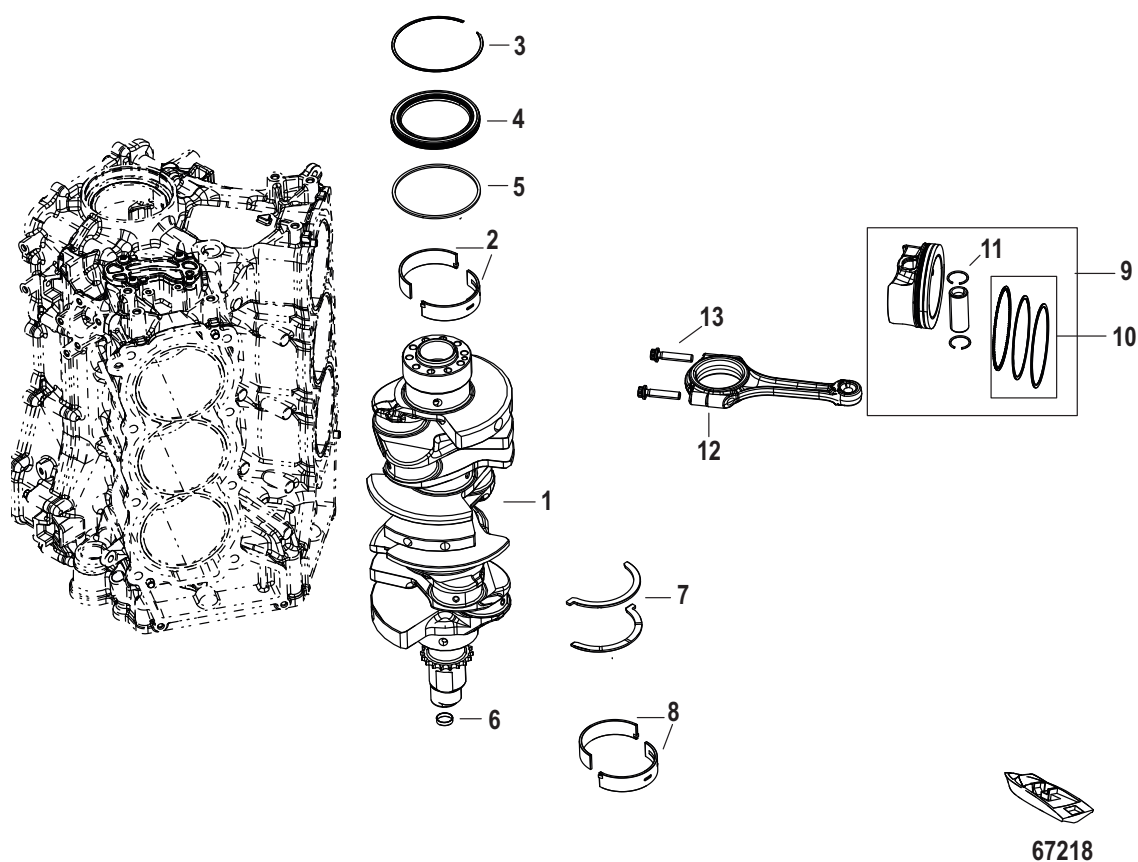
## Camshaft Cover

| Ref # | Part Class | Part Number | Description                          | Comments | Qty | Note |
|-------|------------|-------------|--------------------------------------|----------|-----|------|
| 1     | 0000       | 8M0142287   | CAMSHAFT COVER ASSEMBLY<br>Starboard |          | 1   |      |
| 1     | 0000       | 8M0142286   | CAMSHAFT COVER ASSEMBLY<br>Port      |          | 1   |      |
| 2     | 0025       | 8M0142289   | SEAL Camshaft Cover, Starboard       |          | 1   | [1]  |
| 2     | 0025       | 8M0142288   | SEAL Camshaft Cover, Port            |          | 1   | [1]  |
| 3     | 0025       | 8M0142285   | SEAL Spark Plug                      |          | 6   | [1]  |
| 4     | 0010       | 8M0022324   | SCREW (M6 x 25 MM)                   |          | 32  |      |
| 5     | 0032       | 8M0142472   | HOSE Port to Starboard Breather      |          | 1   |      |
| 6     | 0054       | 855228      | CLAMP                                |          | 4   |      |
| 7     | 0032       | 8M0142473   | HOSE Starboard Breather to Intake    |          | 1   |      |
| -     | 0000       | 8M0142971   | GASKET SET Powerhead                 |          | 1   |      |

## PART NOTES:

[1] - Component of Powerhead Gasket Set 8M0142971

## Crankshaft, Pistons and Connecting Rods



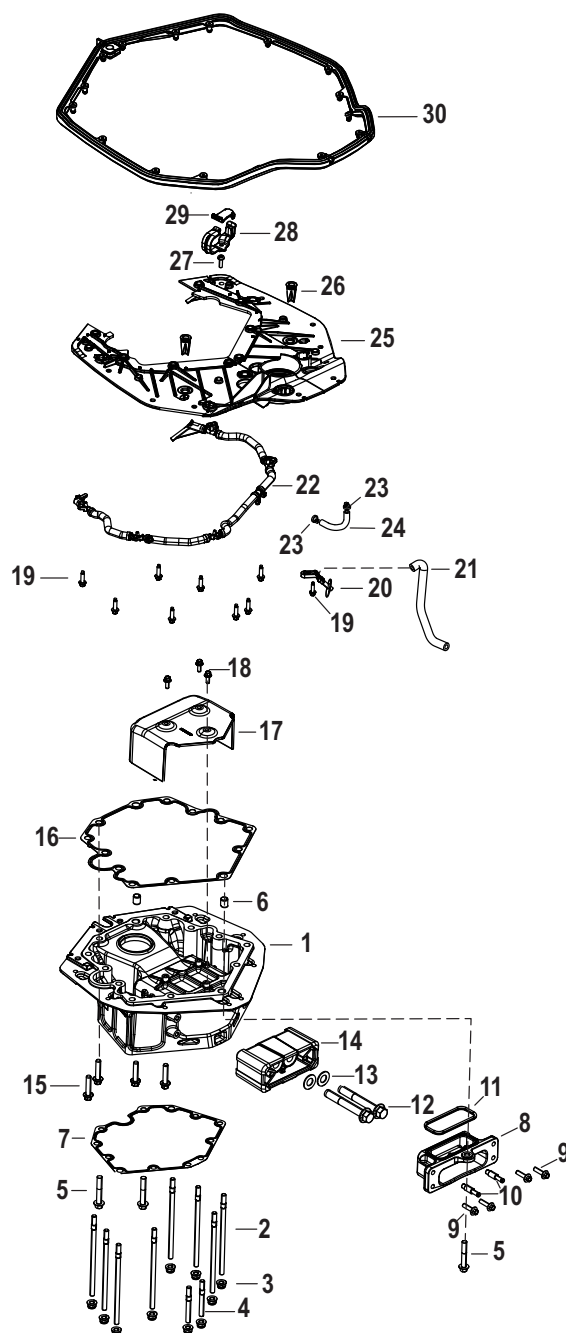
## Crankshaft, Pistons and Connecting Rods

| Ref # | Part Class | Part Number | Description                   | Comments | Qty | Note |
|-------|------------|-------------|-------------------------------|----------|-----|------|
| 1     | 0400       | 8M0142387   | CRANKSHAFT                    |          | 1   |      |
| 2     | 0023       | 8M0147959   | BEARING MAIN Green            |          | AR  |      |
| 2     | 0023       | 8M0147960   | BEARING MAIN Blue             |          | AR  |      |
| 2     | 0023       | 8M0147961   | BEARING MAIN White            |          | AR  |      |
| 2     | 0023       | 8M0147962   | BEARING MAIN Orange           |          | AR  |      |
| 3     | 0053       | 8M0142386   | RING RETAINING                |          | 1   |      |
| 4     | 0026       | 8M0142379   | SEAL Main Bearing             |          | 1   | [1]  |
| 5     | 0023       | 8M0142385   | SPACER                        |          | 1   |      |
| 6     | 0025       | 8M0034912   | O-RING 3.78 X 21.32           |          | 1   | [1]  |
| 7     | 0012       | 8M0142380   | WASHER THRUST                 |          | 2   |      |
| 8     | 0000       | 8M0142539   | BEARING Connecting Rod, Green |          | AR  |      |
| 8     | 0000       | 8M0142351   | BEARING Connecting Rod, Blue  |          | AR  |      |
| 8     | 0000       | 8M0142597   | BEARING Connecting Rod, White |          | AR  |      |
| 9     | 0700       | 8M0142575   | PISTON ASSEMBLY               |          | 6   |      |
| 10    | 0039       | 8M0142381   | PISTON RING ASSEMBLY          |          | 6   |      |
| 11    | 0040       | 8M0142383   | CIRCLIP                       |          | 12  |      |
| 12    | 0600       | 8M0142375   | CONNECTING ROD                |          | 6   |      |
| 13    | 0010       | 8M6002637   | BOLT Connecting Rod           |          | 12  |      |
| -     | 0061       | 8M0142278   | LONG BLOCK                    |          | 1   |      |
| -     | 0000       | 8M0142971   | GASKET SET Powerhead          |          | 1   |      |

## PART NOTES:

[1] - Component of Powerhead Gasket Set 8M0142971

## Adapter Plate



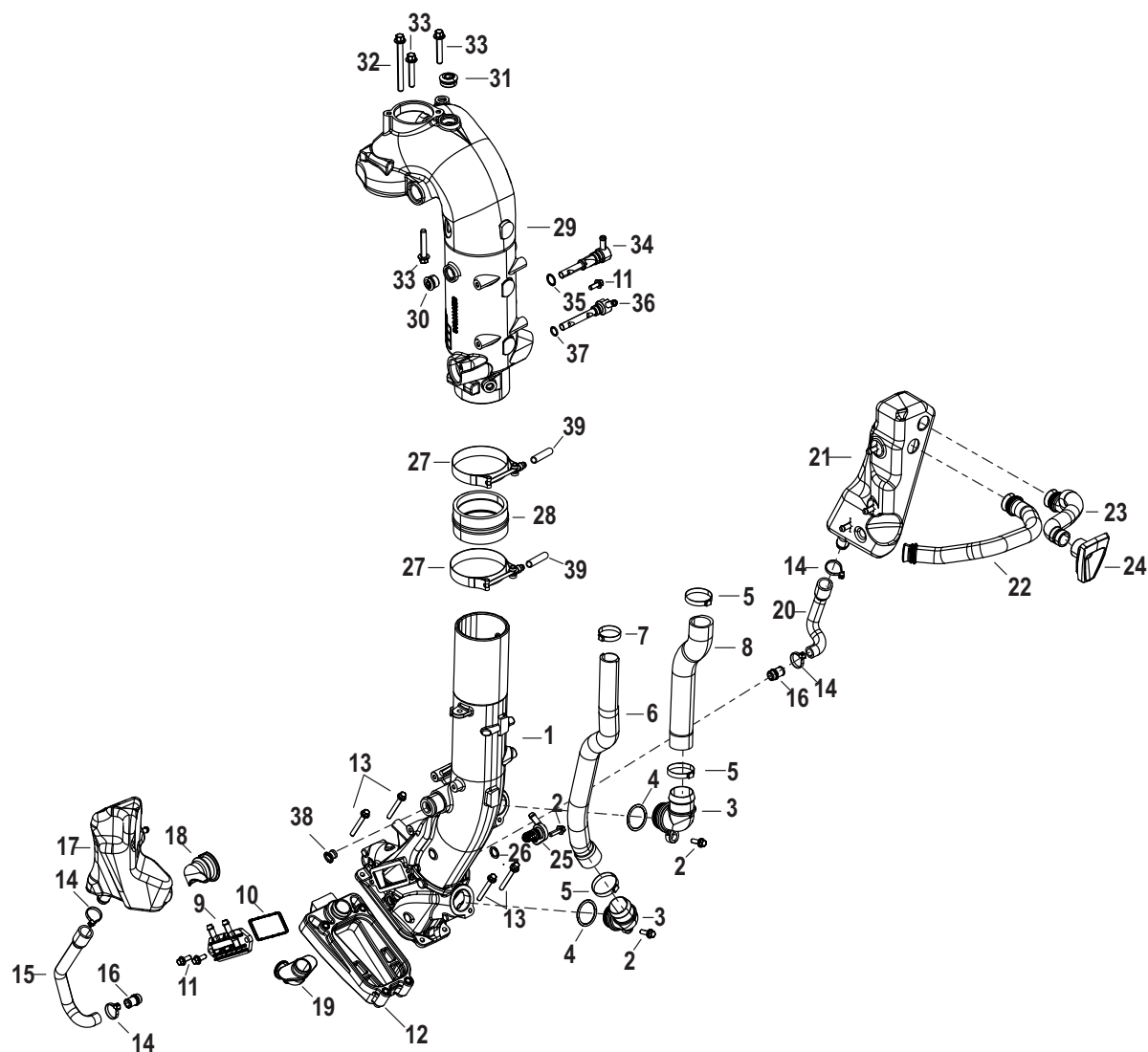
## Adapter Plate

| Ref # | Part Class | Part Number | Description                       | Comments                            | Qty | Note |
|-------|------------|-------------|-----------------------------------|-------------------------------------|-----|------|
| 1     | 0000       | 8M0142705   | ADAPTER PLATE                     |                                     | 1   |      |
| 2     | 0016       | 8M0142744   | STUD (M10 x 185)                  |                                     | 8   |      |
| 3     | 0011       | 8M0142743   | NUT (M10 x 1.5)                   |                                     | 10  |      |
| 4     | 0016       | 8M0142746   | STUD (M10 x 81.5)                 |                                     | 2   |      |
| 5     | 0010       | 8M0069690   | SCREW (M10 X 1.5 X 60)            |                                     | 3   |      |
| 6     | 0017       | 821327      | PIN Dowel                         |                                     | 2   |      |
| 7     | 0027       | 8M0142275   | GASKET                            | Adapter Plate to Driveshaft Housing | 1   | [1]  |
| 8     | 0000       | 8M0142742   | BRACKET Upper Mount               | Steering Arm                        | 1   |      |
| 9     | 0010       | 4010730     | SCREW (M8 x 30)                   |                                     | 4   |      |
| 10    | 0022       | 8M0038205   | FITTING Straight                  |                                     | 2   |      |
| 11    | 0026       | 8M0142745   | SEAL Upper Mount Bracket          |                                     | 1   | [1]  |
| 12    | 0010       | 8M0142981   | SCREW (M14x2.00x100) Hex Flg Hd   |                                     | 2   |      |
| 13    | 0012       | 8M0142711   | WASHER (28.4 MM x 1.6 MM)         |                                     | 2   |      |
| 14    | 0000       | 8M0142706   | MOUNT UPPER                       |                                     | 1   |      |
| 15    | 0010       | 8M0103823   | SCREW                             |                                     | 4   |      |
| 16    | 0027       | 8M0142274   | GASKET                            | Adapter Plate to Cylinder Block     | 1   | [1]  |
| 17    | 0000       | 8M0142982   | SHIELD Oil Deflector              |                                     | 1   |      |
| 18    | 0010       | 8M0103805   | SCREW (M6 x 16MM) Stainless Steel |                                     | 3   |      |
| 19    | 0010       | 8M0142708   | SCREW (M6)                        |                                     | 9   |      |
| 20    | 0000       | 8M0142748   | FITTING                           | Tell Tale                           | 1   |      |
| 21    | 0032       | 8M0142619   | HOSE                              | Tell Tale to FSM                    | 1   |      |
| 22    | 0000       | 8M0146171   | HOSE ASSEMBLY Sprayer             |                                     | 1   |      |
| 23    | 0054       | 816311T     | TIE STRAP (8.00 Inches)           |                                     | 2   |      |
| 24    | 0032       | 8M0142618   | HOSE                              |                                     | 1   |      |
| 25    | 0000       | 8M0142707   | PLATE                             |                                     | 1   |      |
| 26    | 0000       | 8M0142710   | DRAIN Cowl                        |                                     | 2   |      |
| 27    | 0010       | 8M0142830   | SCREW (M6 x 20)                   |                                     | 1   |      |
| 28    | 0000       | 8M0142831   | LATCH Bottom                      |                                     | 1   |      |
| 29    | 0000       | 8M0142832   | LATCH Top                         |                                     | 1   |      |
| 30    | 0000       | 8M0142917   | SEAL Adapter Plate                |                                     | 1   |      |
| -     | 0000       | 8M0142971   | GASKET SET Powerhead              |                                     | 1   |      |

## PART NOTES:

[1] - Component of Powerhead Gasket Set 8M0149551

## Exhaust



67150

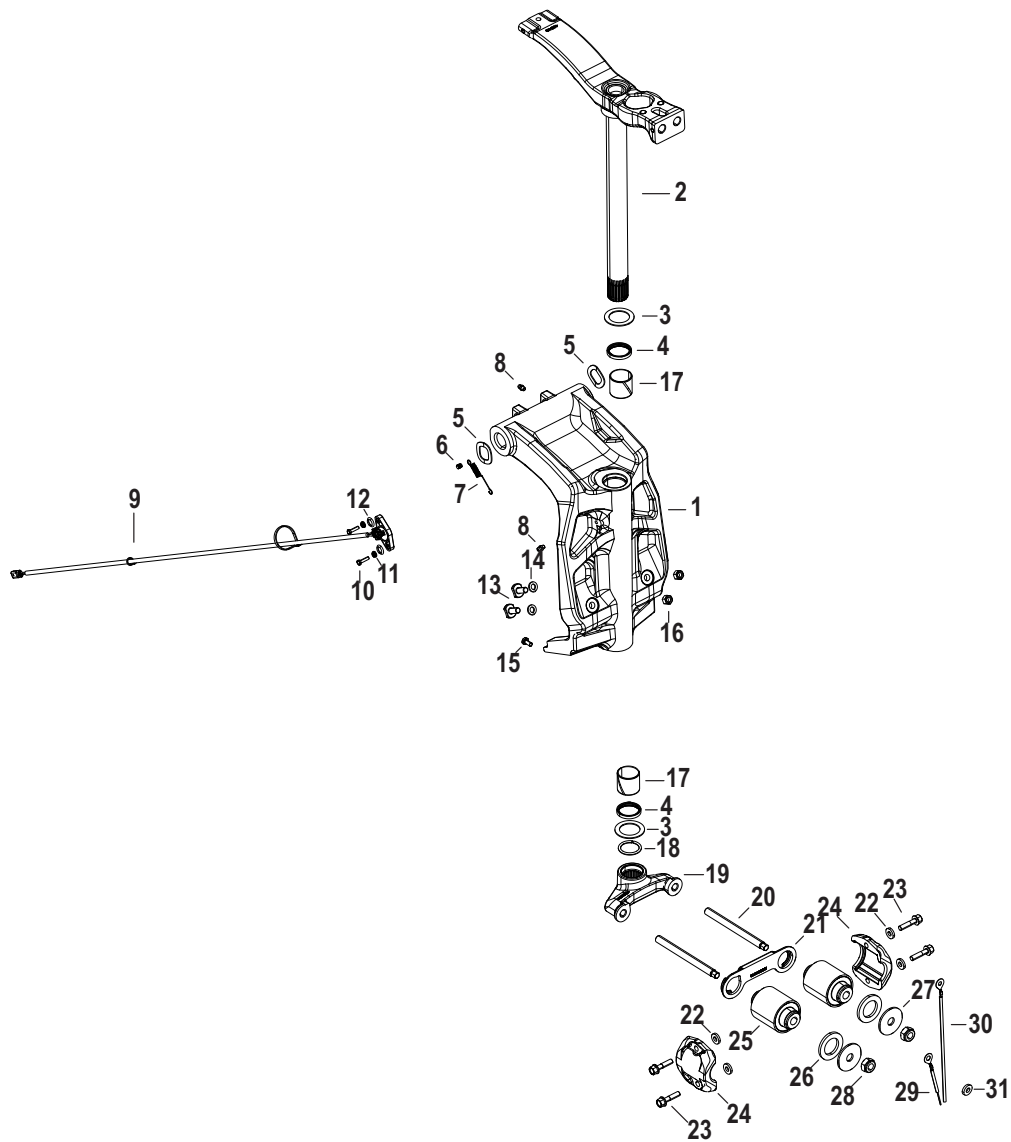
## Exhaust

| Ref # | Part Class | Part Number | Description                        | Comments        | Qty | Note |
|-------|------------|-------------|------------------------------------|-----------------|-----|------|
| 1     | 0000       | 8M0142728   | PIPE Exhaust                       |                 | 1   |      |
| 2     | 0010       | 8M0103806   | SCREW (M6 x 20 MM) Stainless Steel |                 | 3   |      |
| 3     | 0022       | 8M0142731   | FITTING ELBOW                      |                 | 2   |      |
| 4     | 0025       | 86614       | O-RING (1.049 x .103)              |                 | 2   | [1]  |
| 5     | 0054       | 888988011   | CLAMP (38.1 MM)                    |                 | 3   |      |
| 6     | 0032       | 8M0142727   | TUBE Water Outlet                  |                 | 1   |      |
| 7     | 0054       | 8M0028753   | CLAMP Oetiker (31.6 Diameter)      |                 | 1   |      |
| 8     | 0032       | 8M0142725   | TUBE Water Inlet                   |                 | 1   |      |
| 9     | 0035       | 8M0142719   | STRAINER ASSEMBLY                  |                 | 1   |      |
| 10    | 0026       | 8M0142720   | SEAL                               |                 | 1   |      |
| 11    | 0010       | 8M0103805   | SCREW (M6 x 16MM) Stainless Steel  |                 | 3   |      |
| 12    | 0025       | 8M0142721   | GROMMET Exhaust                    |                 | 1   |      |
| 13    | 0010       | 8M0142726   | SCREW (M6)                         |                 | 4   |      |
| 14    | 0054       | 816311T     | TIE STRAP (8.00 Inches)            |                 | 4   |      |
| 15    | 0032       | 8M0142738   | HOSE                               | Drain-Port      | 1   |      |
| 16    | 0022       | 8M0142729   | FITTING                            |                 | 2   |      |
| 17    | 0042       | 8M0142734   | MUFFLER ASSEMBLY Port              |                 | 1   |      |
| 18    | 0000       | 8M0142740   | GROMMET                            |                 | 1   |      |
| 19    | 0022       | 8M0142732   | FITTING ELBOW                      |                 | 1   |      |
| 20    | 0032       | 8M0142739   | HOSE                               | Drain-Starboard | 1   |      |
| 21    | 0042       | 8M0142735   | MUFFLER ASSEMBLY Starboard         |                 | 1   |      |
| 22    | 0032       | 8M0142741   | HOSE Crossover, Idle Relief        |                 | 1   |      |
| 23    | 0032       | 8M0142737   | HOSE Idle Relief                   |                 | 1   |      |
| 24    | 0025       | 8M0142736   | GROMMET                            |                 | 1   |      |
| 25    | 0000       | 8M0142730   | FITTING                            |                 | 1   |      |
| 26    | 0025       | 201951      | O-RING (.487 x .103)               |                 | 1   |      |
| 27    | 0054       | 8M0142541   | CLAMP (93.7 MM DIA)                |                 | 2   |      |
| 28    | 0000       | 8M0142538   | COUPLING                           |                 | 1   |      |
| 29    | 0000       | 8M0142535   | MANIFOLD Exhaust                   |                 | 1   |      |
| 30    | 0019       | 8M0087451   | PLUG (18MM)                        |                 | 1   |      |
| 31    | 0019       | 8M0087453   | PLUG (24 MM)                       |                 | 1   |      |
| 32    | 0010       | 8M0142533   | SCREW (M8 x 85)                    |                 | 1   |      |
| 33    | 0010       | 88552645    | SCREW (M8X45)                      |                 | 3   |      |
| 34    | 0000       | 8M0142534   | FITTING Sprayer                    |                 | 1   |      |
| 35    | 0025       | 892446      | O-RING (14 X 1.78 MM)              |                 | 1   | [1]  |
| 36    | 0022       | 8M0142536   | FITTING Sprayer                    |                 | 1   |      |
| 37    | 0025       | 863006      | O-RING (10.82 x 1.78)              |                 | 1   | [1]  |
| 38    | 0000       | 8M0142499   | REDUCER Lower Relief Muffler       |                 | 1   |      |
| 39    | 0019       | 8M0148727   | CAP Vinyl                          |                 | 2   |      |
| -     | 0000       | 8M0142971   | GASKET SET Powerhead               |                 | 1   |      |

## PART NOTES:

[1] - Component of Powerhead Gasket Set 8M0142971

## Swivel Bracket and Steering Arm

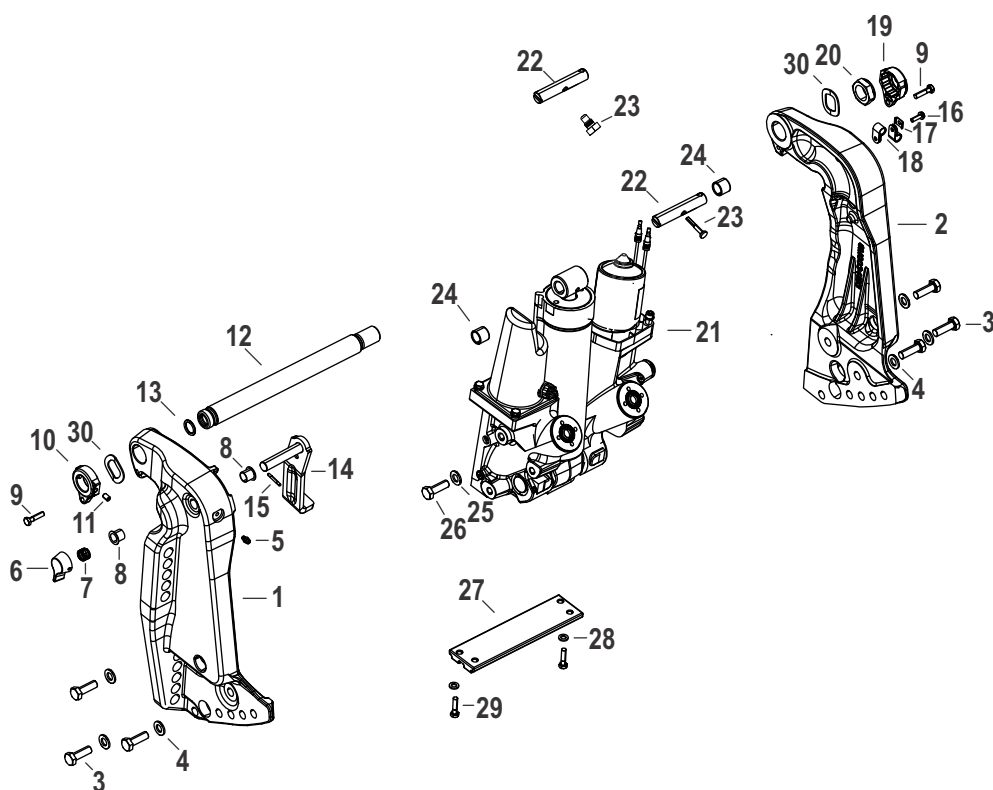
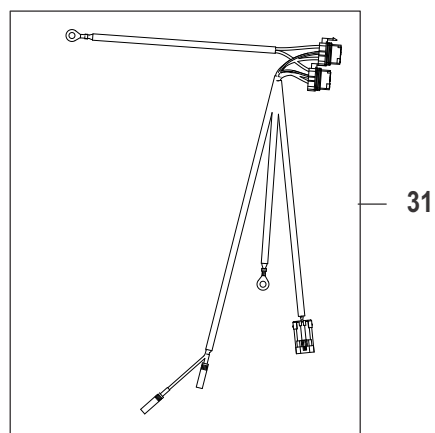


  
67168

## Swivel Bracket and Steering Arm

| Ref # | Part Class | Part Number | Description                            | Comments | Qty | Note |
|-------|------------|-------------|----------------------------------------|----------|-----|------|
| 1     | 0400       | 8M0142794   | SWIVEL BRACKET                         | Black    | 1   |      |
| 1     | 1400       | 8M0156259   | SWIVEL BRACKET                         | Silver   | 1   |      |
| 2     | 0000       | 8M0142803   | STEERING ARM Black                     |          | 1   |      |
| 2     | 0000       | 8M0146931   | STEERING ARM Silver                    |          | 1   |      |
| 3     | 0012       | 816432      | THRUST WASHER                          |          | 2   |      |
| 4     | 0026       | 8M0034870   | SEAL Swivel Tube                       |          | 2   |      |
| 5     | 0013       | 88750       | WASHER                                 |          | 1   |      |
| 6     | 0017       | 893709      | PIN                                    |          | 1   |      |
| 7     | 0024       | 830899      | SPRING Tension                         |          | 1   |      |
| 8     | 0022       | 74036       | FITTING Grease                         |          | 2   |      |
| 9     | 0000       | 8M0142805   | TRIM POSITION SENSOR                   |          | 1   |      |
| 10    | 0010       | 852368      | SCREW (#10-24 x .750)                  |          | 2   |      |
| 11    | 0013       | 26996       | LOCKWASHER (#10) Stainless Steel       |          | 2   |      |
| 12    | 0012       | 89302       | WASHER (.203 x .406 x .040)            |          | 2   |      |
| 13    | 0000       | 8M0045383   | STRIKER PLATE                          |          | 2   |      |
| 14    | 0013       | 58643       | LOCKWASHER (.375)                      |          | 2   |      |
| 15    | 0010       | 73286       | SCREW (.250-20 x .500) Stainless Steel |          | 1   |      |
| 16    | 0011       | 46335       | NUT (.375-24)                          |          | 2   |      |
| 17    | 0023       | 8M0141339   | BUSHING Swivel Tube Pivot              |          | 1   |      |
| 18    | 0053       | 67684       | RING Retaining                         |          | 1   |      |
| 19    | 0000       | 8M0142797   | YOKE                                   |          | 1   |      |
| 20    | 0016       | 8M0142798   | STUD (M14 x 146)                       |          | 2   |      |
| 21    | 0000       | 8M0142796   | MOUNT Snubber                          |          | 1   |      |
| 22    | 0012       | 847541      | WASHER                                 |          | 2   |      |
| 23    | 0010       | 81893435    | SCREW (M8 x 35)                        |          | 2   |      |
| 24    | 0000       | 8M0142802   | COVER Lower Mount                      |          | 2   |      |
| 25    | 0000       | 813771003   | MOUNT Lower                            |          | 2   |      |
| 26    | 0012       | 8M0142795   | WASHER (1.25 x 19)                     |          | 2   |      |
| 27    | 0012       | 815432      | WASHER (.562 x 2.00 x .125)            |          | 2   |      |
| 28    | 0011       | 896602      | NUT (M14)                              |          | 2   |      |
| 29    | 0000       | 8M0142799   | CABLE ASSEMBLY                         |          | 1   |      |
| 30    | 0000       | 8M0147677   | CABLE ASSEMBLY 10 IN                   |          | 1   |      |
| 31    | 0012       | 825190      | WASHER                                 |          | 1   |      |

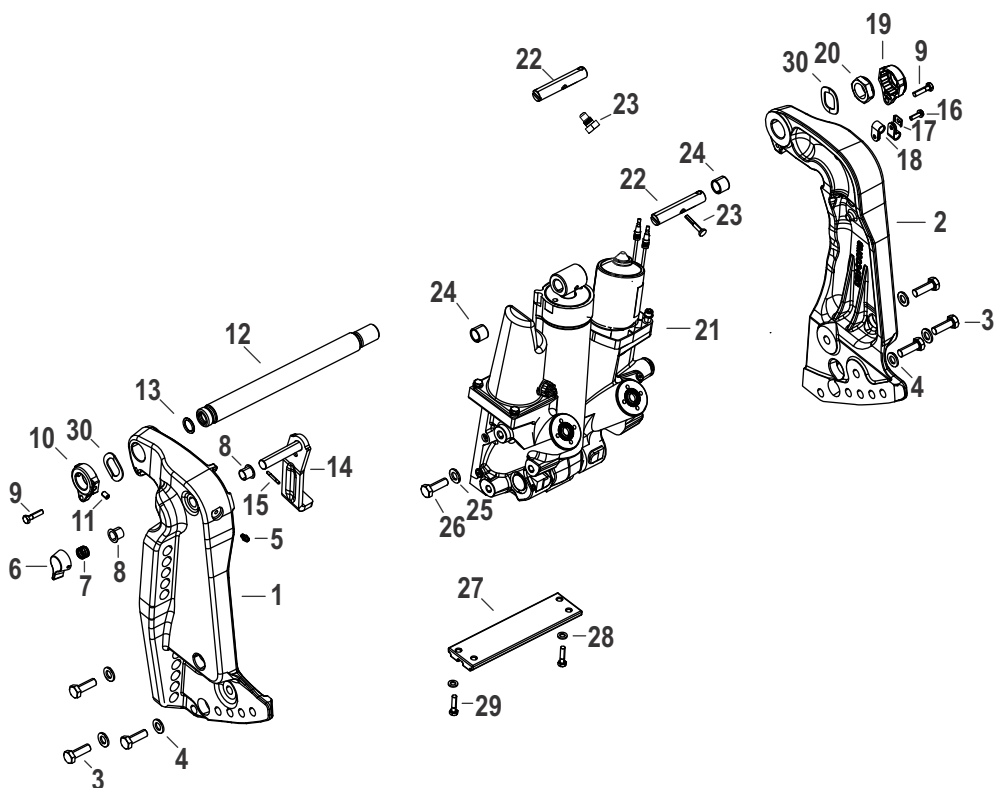
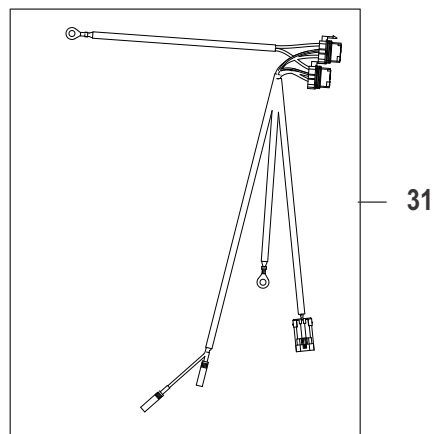
## Power Trim/Transom Assembly



## Power Trim/Transom Assembly

| Ref # | Part Class | Part Number | Description                                    | Comments           | Qty | Note |
|-------|------------|-------------|------------------------------------------------|--------------------|-----|------|
| 1     | 1400       | 8M0142800   | BRACKET Transom, Port                          | Black              | 1   |      |
| 1     | 1400       | 8M0156255   | BRACKET Transom, Port                          | Silver             | 1   |      |
| 2     | 1400       | 8M0142801   | BRACKET Transom, Starboard                     | Black              | 1   |      |
| 2     | 1400       | 8M0156256   | BRACKET Transom, Starboard                     | Silver             | 1   |      |
| 3     | 0010       | 858771      | SCREW (M10 x 30)                               |                    | 6   |      |
| 4     | 0012       | 4002319     | WASHER                                         |                    | 6   |      |
| 5     | 0022       | 98727       | FITTING Grease                                 |                    | 1   |      |
| 6     | 0000       | 99633       | KNOB                                           |                    | 1   |      |
| 7     | 0024       | 830900      | SPRING Compression                             |                    | 1   |      |
| 8     | 0023       | 65830       | NYLINER                                        |                    | 2   |      |
| 9     | 0010       | 4000330     | SCREW (M6 x 25)                                |                    | 2   |      |
| 10    | 0011       | 8M0146189   | NUT TILT TUBE LOCK Black                       |                    | 1   |      |
| 10    | 0011       | 8M0146190   | NUT TILT TUBE LOCK Silver                      |                    | 1   |      |
| 11    | 0010       | 8M0142811   | SCREW                                          |                    | 1   |      |
| 12    | 0000       | 8M0147844   | TILT TUBE                                      |                    | 1   |      |
| 13    | 0025       | 8M0142810   | O-RING (0.612 x .0103)                         |                    | 1   |      |
| 14    | 0000       | 8M0115104   | LEVER ASSEMBLY Tilt Lock                       |                    | 1   |      |
| 15    | 0017       | 99615       | PIN Groove                                     |                    | 1   |      |
| 16    | 0010       | 878609      | SCREW (#10-16 x .600)                          |                    | 1   |      |
| 17    | 0000       | 8M0084613   | C-WASHER                                       |                    | 1   |      |
| 18    | 0054       | 22740       | CLIP                                           |                    | 2   |      |
| 19    | 0000       | 8M0142809   | BRACKET Tilt Tube                              | Black              | 1   |      |
| 19    | 0000       | 8M0147678   | BRACKET Tilt Tube                              | Silver             | 1   |      |
| 20    | 0011       | 826164      | NUT (.875-14)                                  |                    | 1   |      |
| 21    | 0000       | 8M0142341   | POWER TRIM ASSEMBLY                            |                    | 1   |      |
| 22    | 0017       | 8M0094889   | PIN                                            | Pin Trilobe Design | 1   |      |
| 22    | 0017       | 8M0164978   | PIN ROD EYE ASSEMBLY                           | Screw Design       | 1   |      |
| 23    | 0017       | 821539      | PIN Trilobe                                    |                    | 1   |      |
| 23    | 0010       | 8M0050058   | SCREW 5/16-24 X .5                             |                    | 1   |      |
| 24    | 0023       | 821207      | BUSHING                                        |                    | 2   |      |
| 25    | 0012       | 4002319     | WASHER                                         |                    | 1   |      |
| 26    | 0010       | 858771      | SCREW (M10 x 30)                               |                    | 1   |      |
| 27    | 0097       | 818298Q1    | ANODE KIT                                      |                    | 1   | [1]  |
| 28    | 0012       | 29245       | WASHER (.281 x .500 x .060)<br>Stainless Steel |                    | 2   |      |
| 29    | 0010       | 4000330     | SCREW (M6 x 25)                                |                    | 2   |      |
| 30    | 0013       | 88750       | WASHER                                         |                    | 2   |      |
| 31    | 0084       | 8M0142682   | WIRE HARNESS Trim                              |                    | 1   |      |

# Power Trim/Transom Assembly

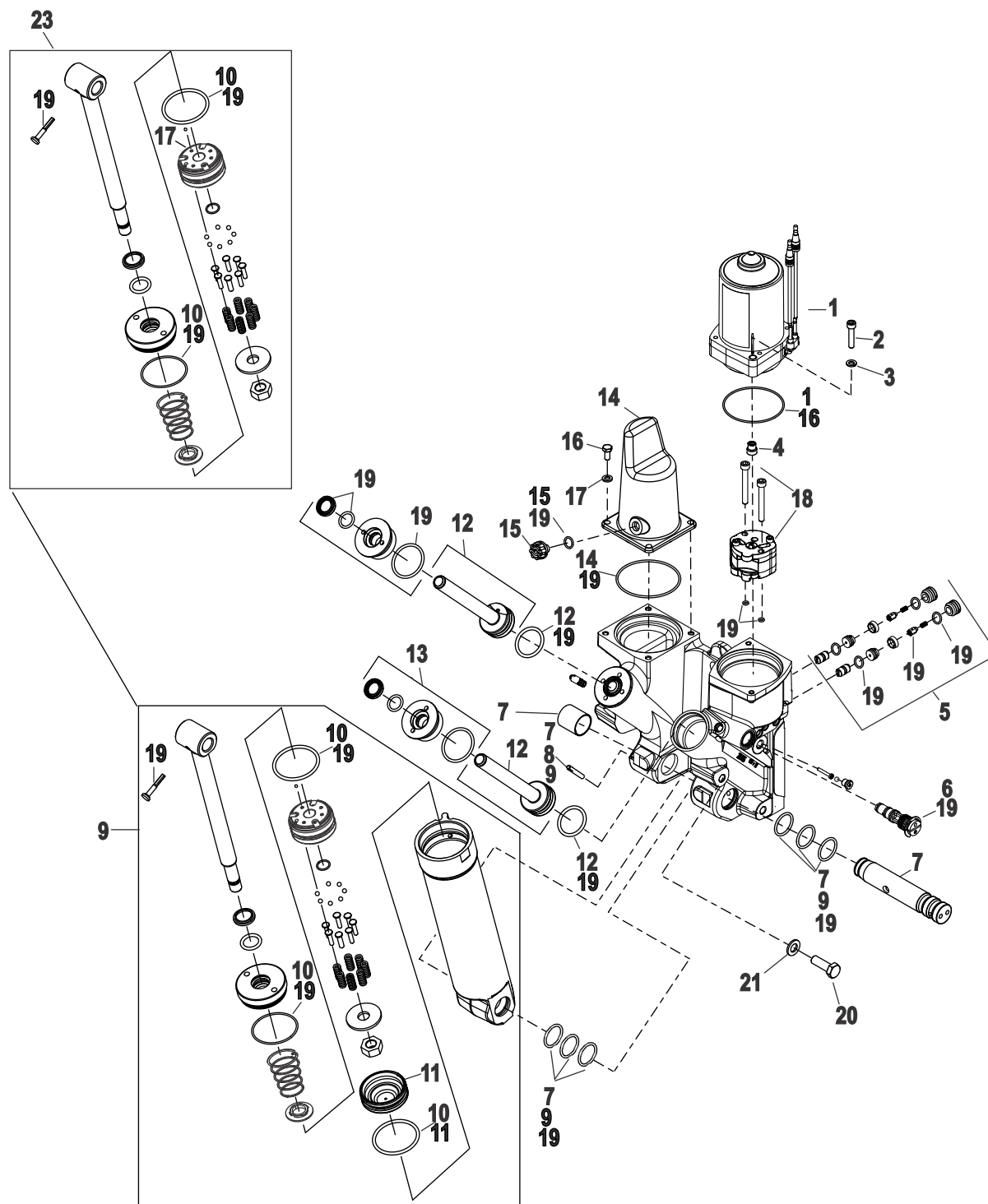


## Power Trim/Transom Assembly

**PART NOTES:**

- [1]        -    Alternate part numbers:
- 818298A 1Service Part
  - 818298Q 1QS
  - 818298T 1MPP
  - 818298T 3Magnesium
  - 8M0059343Bulk Pack

## Power Trim Components Plastic Motor Housing

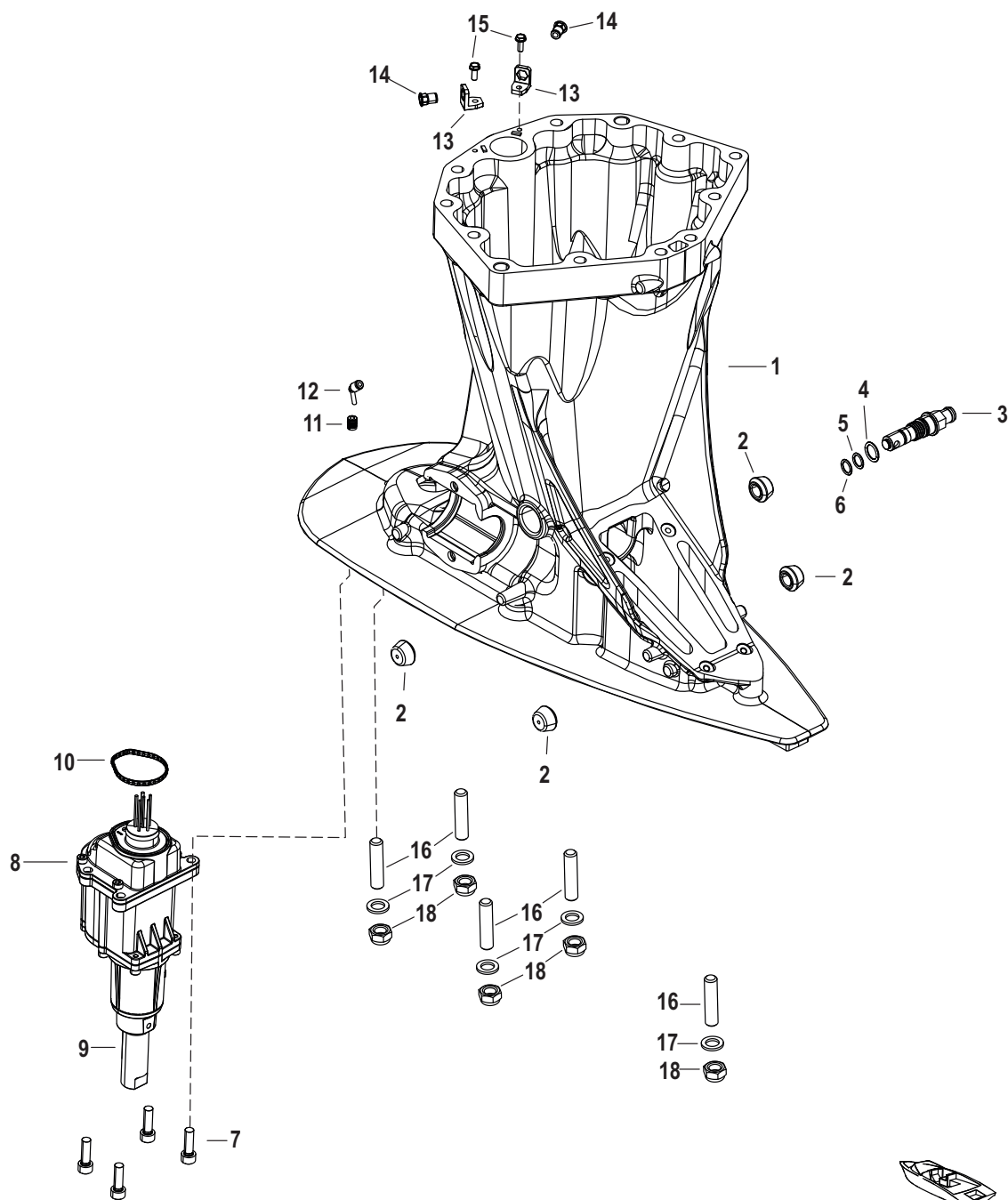


70800

## Power Trim Components Plastic Motor Housing

| Ref # | Part Class | Part Number | Description                        | Comments              | Qty | Note |
|-------|------------|-------------|------------------------------------|-----------------------|-----|------|
| -     | 0000       | 8M0142341   | POWER TRIM ASSEMBLY                | Plastic Motor Housing | 1   |      |
| 1     | 0000       | 8M0142591   | MOTOR KIT                          |                       | 1   |      |
| 2     | 0010       | 82494830    | SCREW (M6 x 30)                    |                       | 2   |      |
| 3     | 0013       | 400256      | LOCKWASHER (M6)                    |                       | 2   |      |
| 4     | 0000       | 8M0090403   | COUPLING Drive                     |                       | 1   |      |
| 5     | 0000       | 8M0142996   | PO CHECK KIT                       |                       | 1   |      |
| 6     | 0000       | 8M0060141   | MANUAL RELEASE KIT                 |                       | 1   |      |
| 7     | 0000       | 8M0142997   | TILT SHAFT KIT                     |                       | 1   |      |
| 8     | 0017       | 878267      | PIN                                |                       | 1   |      |
| 9     | 0000       | 8M0142998   | TILT CYLINDER ASSEMBLY             |                       | 1   |      |
| 10    | 0000       | 8M0142999   | O RING KIT TILT CYLINDER           |                       | 1   |      |
| 11    | 0000       | 8M0143000   | MEMORY PISTON KIT                  |                       | 1   |      |
| 12    | 0000       | 8M0143001   | PISTON ASSEMBLY                    |                       | 1   |      |
| 13    | 0000       | 8M0143003   | END CAP ASSEMBLY                   |                       | 1   |      |
| 14    | 0000       | 878264A1    | RESERVOIR KIT                      |                       | 1   |      |
| 15    | 0019       | 811613      | PLUG ASSEMBLY                      |                       | 1   |      |
| 16    | 0010       | 4000327     | SCREW (M6 x 14)                    |                       | 4   |      |
| 17    | 0012       | 4002315     | WASHER (6.60 X 12.5 X 1.5 mm - SS) |                       | 4   |      |
| 18    | 0000       | 8M0143004   | PUMP KIT                           |                       | 1   |      |
| 19    | 0000       | 878408A1    | REPAIR KIT Power Trim              |                       | 1   |      |
| 20    | 0010       | 858771      | SCREW (M10 x 30)                   |                       | 6   |      |
| 21    | 0012       | 4002319     | WASHER                             |                       | 6   |      |
| 22    | 0017       | 8M0094889   | PIN                                |                       | 1   |      |
| 23    | 0000       | 8M0143005   | SHOCK ROD KIT                      |                       | 1   |      |

## Driveshaft Housing

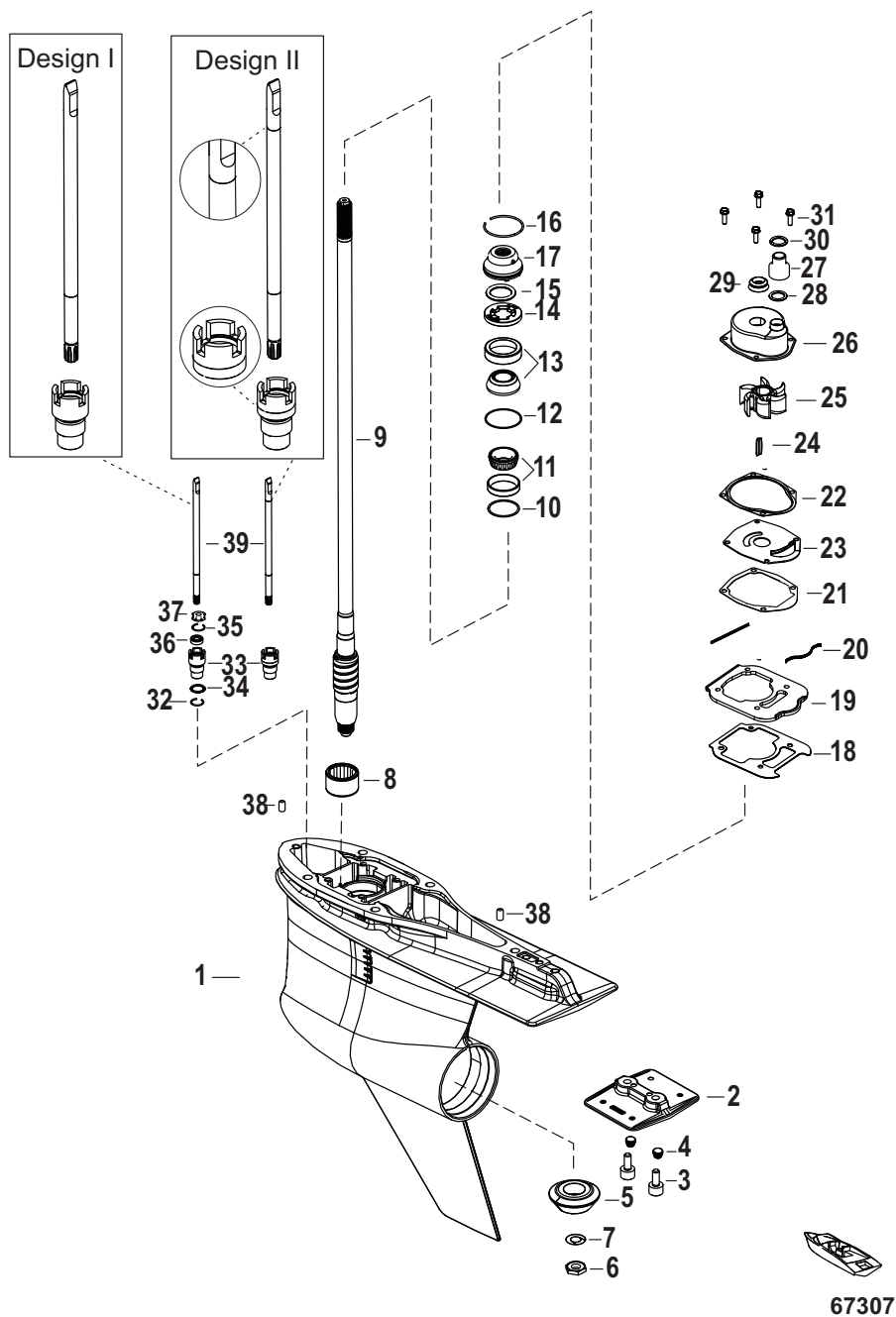


67136

## Driveshaft Housing

| Ref # | Part Class | Part Number | Description                                    | Comments | Qty | Note |
|-------|------------|-------------|------------------------------------------------|----------|-----|------|
| 1     | 1500       | 8M0142775   | HOUSING Driveshaft, Black                      |          | 1   |      |
| 1     | 1500       | 8M0145916   | HOUSING Driveshaft, Silver                     |          | 1   |      |
| 2     | 0000       | 8M0142713   | CAP Chap Support                               |          | 4   |      |
| 3     | 0019       | 8M0112869   | OIL PLUG ASSEMBLY                              |          | 1   |      |
| 4     | 0025       | 85045       | O-RING (.551 x .070)                           |          | 1   |      |
| 5     | 0025       | 863006      | O-RING (10.82 x 1.78)                          |          | 1   |      |
| 6     | 0025       | 8M0036228   | O-RING (8.1 X 1.6)                             |          | 1   |      |
| 7     | 0010       | 8M0142829   | SCREW (M6 x 20)                                |          | 4   |      |
| 8     | 0000       | 8M0142253   | SHIFT ACTUATOR                                 |          | 1   |      |
| 9     | 0000       | 8M0147857   | SHAFT Coupling                                 |          | 1   |      |
| 10    | 0025       | 8M0142978   | SEAL ACTUATOR                                  |          | 1   |      |
| 11    | 0022       | 8M0142714   | FITTING                                        |          | 1   |      |
| 12    | 0022       | 8M0155119   | FITTING Legris                                 |          | 1   |      |
| 13    | 0000       | 8M0142715   | BRACKET Bib Mount                              |          | 2   |      |
| 14    | 0011       | 8M0142716   | INSERT                                         |          | 2   |      |
| 15    | 0010       | 40011106    | SCREW (M5 x 13) Stainless Steel                |          | 2   |      |
| 16    | 0016       | 8M0008031   | STUD (M12 x 1.75 x 52)                         | Long     | 5   |      |
| 16    | 0016       | 8M0142781   | STUD (M12 x 179)                               | XLong    | 5   |      |
| 16    | 0016       | 8M0142788   | STUD (M12 x 306)                               | XXLong   | 5   |      |
| 17    | 0012       | 856982      | WASHER (.500 x .810 x .090)<br>Stainless Steel |          | 5   |      |
| 18    | 0011       | 896895      | NUT (M12)                                      |          | 5   |      |

## Gear Housing Driveshaft, 4.80 Torpedo



## Gear Housing Driveshaft, 4.80 Torpedo

| Ref # | Part Class | Part Number | Description                                                    | Comments | Qty | Note |
|-------|------------|-------------|----------------------------------------------------------------|----------|-----|------|
| -     | 1600       | 8M0142293   | GEAR HOUSING ASSEMBLY Black (Standard Long) (1.85)             |          | 1   |      |
| -     | 1600       | 8M0142295   | GEAR HOUSING ASSEMBLY Black (Standard X-Long) (1.85)           |          | 1   |      |
| -     | 1600       | 8M0142300   | GEAR HOUSING ASSEMBLY Black (Standard XX-Long) (1.85)          |          | 1   |      |
| -     | 1600       | 8M0142294   | GEAR HOUSING ASSEMBLY Silver (Standard Long) (1.85)            |          | 1   |      |
| -     | 1600       | 8M0142296   | GEAR HOUSING ASSEMBLY Silver (Standard X-Long) (1.85)          |          | 1   |      |
| -     | 1600       | 8M0142299   | GEAR HOUSING ASSEMBLY Silver (Standard XX-Long) (1.85)         |          | 1   |      |
| -     | 1600       | 8M0142297   | GEAR HOUSING ASSEMBLY Black (Counter Rotation X-Long) (1.85)   |          | 1   |      |
| -     | 1600       | 8M0142301   | GEAR HOUSING ASSEMBLY Black (Counter Rotation XX-Long) (1.85)  |          | 1   |      |
| -     | 1600       | 8M0142298   | GEAR HOUSING ASSEMBLY Silver (Counter Rotation X-Long) (1.85)  |          | 1   |      |
| -     | 1600       | 8M0142302   | GEAR HOUSING ASSEMBLY Silver (Counter Rotation XX-Long) (1.85) |          | 1   |      |
| 1     | 1600       | 8M0142886   | GEAR HOUSING ASSEMBLY Basic, Black (4.8)                       |          | 1   |      |
| 1     | 1600       | 8M0145768   | GEAR HOUSING ASSEMBLY Basic, Silver (4.8)                      |          | 1   |      |
| 2     | 0097       | 8M0137814   | ANODE ANTIVENT PLATE                                           |          | 1   |      |
| 3     | 0010       | 8M0142850   | SCREW (M10 X 25)                                               |          | 2   |      |
| 4     | 0019       | 8M0142878   | PLUG Screw                                                     |          | 2   |      |
| 5     | 0043       | 8M0146697   | GEAR SET Forward Pinion 13/24                                  | (1.85:1) | 1   |      |
| 6     | 0011       | 8M0071654   | NUT (.625-18 HX)                                               | Pinion   | 1   | [1]  |
| 7     | 0012       | 92721       | WASHER                                                         |          | 1   |      |
| 8     | 0031       | 42647A1     | BEARING ASSEMBLY Roller                                        |          | 1   |      |
| 9     | 0045       | 8M0146062   | DRIVESHAFT KIT Long                                            |          | 1   | [2]  |
| 9     | 0045       | 8M0146063   | DRIVESHAFT KIT X-Long                                          |          | 1   | [3]  |
| 9     | 0045       | 8M0146064   | DRIVESHAFT KIT XX-Long                                         |          | 1   | [4]  |
| 10    | 0015       | 8M0063268   | SHIM SET                                                       |          | 1   | [1]  |
| 11    | 0031       | 8M0146553   | BEARING ASSEMBLY Cup/Cone                                      |          | 1   | [1]  |
| 12    | 0015       | 8M0063267   | SHIM SET                                                       |          | 1   | [1]  |
| 13    | 0031       | 8M0146566   | BEARING ASSEMBLY Cup/Cone                                      |          | 1   | [1]  |
| 14    | 0000       | 8245191     | RETAINER                                                       |          | 1   |      |
| 15    | 0025       | 8M0142854   | O RING (2.175 x .103)                                          |          | 1   |      |
| 16    | 0053       | 880719      | RING Retaining                                                 |          | 1   |      |
| 17    | 0000       | 8M0046297   | OIL SEAL CARRIER ASSEMBLY                                      |          | 1   |      |
| 18    | 0027       | 8M0146938   | GASKET Water Pump Base                                         |          | 1   |      |
| 19    | 0000       | 8M0142869   | COVER HOUSING Gearcase                                         |          | 1   |      |
| 20    | 0025       | 8M0142659   | SEAL                                                           |          | 2   |      |
| 21    | 0027       | 8M0112903   | GASKET Rubber Molded Steel                                     |          | 1   |      |
| 22    | 0027       | 8172771     | GASKET                                                         |          | 1   | [1]  |
| 23    | 0000       | 8172761     | FACEPLATE                                                      |          | 1   |      |
| 24    | 0028       | 8M0032833   | KEY                                                            |          | 1   |      |

Gear Housing Driveshaft, 4.80 Torpedo



## Gear Housing Driveshaft, 4.80 Torpedo

| Ref # | Part Class | Part Number | Description                                    | Comments  | Qty | Note |
|-------|------------|-------------|------------------------------------------------|-----------|-----|------|
| 25    | 0047       | 43026T2     | IMPELLER                                       |           | 1   | [5]  |
| 26    | 0000       | 817275A1    | HOUSING KIT Water Pump                         |           | 1   |      |
| 27    | 0000       | 8M0142435   | COUPLING Water Pump                            |           | 1   |      |
| 28    | 0025       | 21836       | O-RING (.796 x .139)                           |           | 1   |      |
| 29    | 0026       | 8M0142851   | VRING Face Seal                                |           | 1   |      |
| 30    | 0025       | 8M0142712   | O-RING (0.796 x 0.139)                         |           | 1   |      |
| 31    | 0010       | 1993720     | SCREW (M6 x 20)                                |           | 4   |      |
| 32    | 0053       | 8M0142866   | RING Retaining                                 |           | 1   | [1]  |
| 33    | 0023       | 8M0142859   | BUSHING Shift Shaft                            | Design I  | 1   |      |
| 33    | 0023       | 8M0164967   | BUSHING Shift Shaft                            | Design II | 1   | [6]  |
| 34    | 0025       | 8M0142860   | O-RING                                         |           | 1   |      |
| 35    | 0053       | 8M0046563   | RETAINING RING                                 |           | 1   |      |
| 36    | 0026       | 8164641     | SEAL Oil                                       |           | 1   |      |
| 37    | 0012       | 77674       | WASHER                                         |           | 1   |      |
| 38    | 0017       | 8M0084244   | PIN Dowel                                      |           | 2   |      |
| 39    | 0000       | 8M0142858   | SHIFT SHAFT Long                               | Design I  | 1   | [7]  |
| 39    |            | 8M0164968   | SHIFT SHAFT Long Includes Bushing Design II    | Design II | 1   | [8]  |
| 39    | 0000       | 8M0142865   | SHIFT SHAFT X-Long                             | Design I  | 1   | [9]  |
| 39    | 0000       | 8M0164969   | SHIFT SHAFT X-Long Includes Bushing Design II  | Design II | 1   | [10] |
| 39    | 0000       | 8M0142885   | SHIFT SHAFT XX-Long                            | Design I  | 1   | [11] |
| 39    | 0000       | 8M0164970   | SHIFT SHAFT XX-Long Includes Bushing Design II | Design II | 1   | [12] |
| -     | 0047       | 8M0142980   | IMPELLER REPAIR KIT                            |           | 1   |      |
| -     | 0026       | 8M0142979   | SEAL KIT                                       |           | 1   |      |

## PART NOTES:

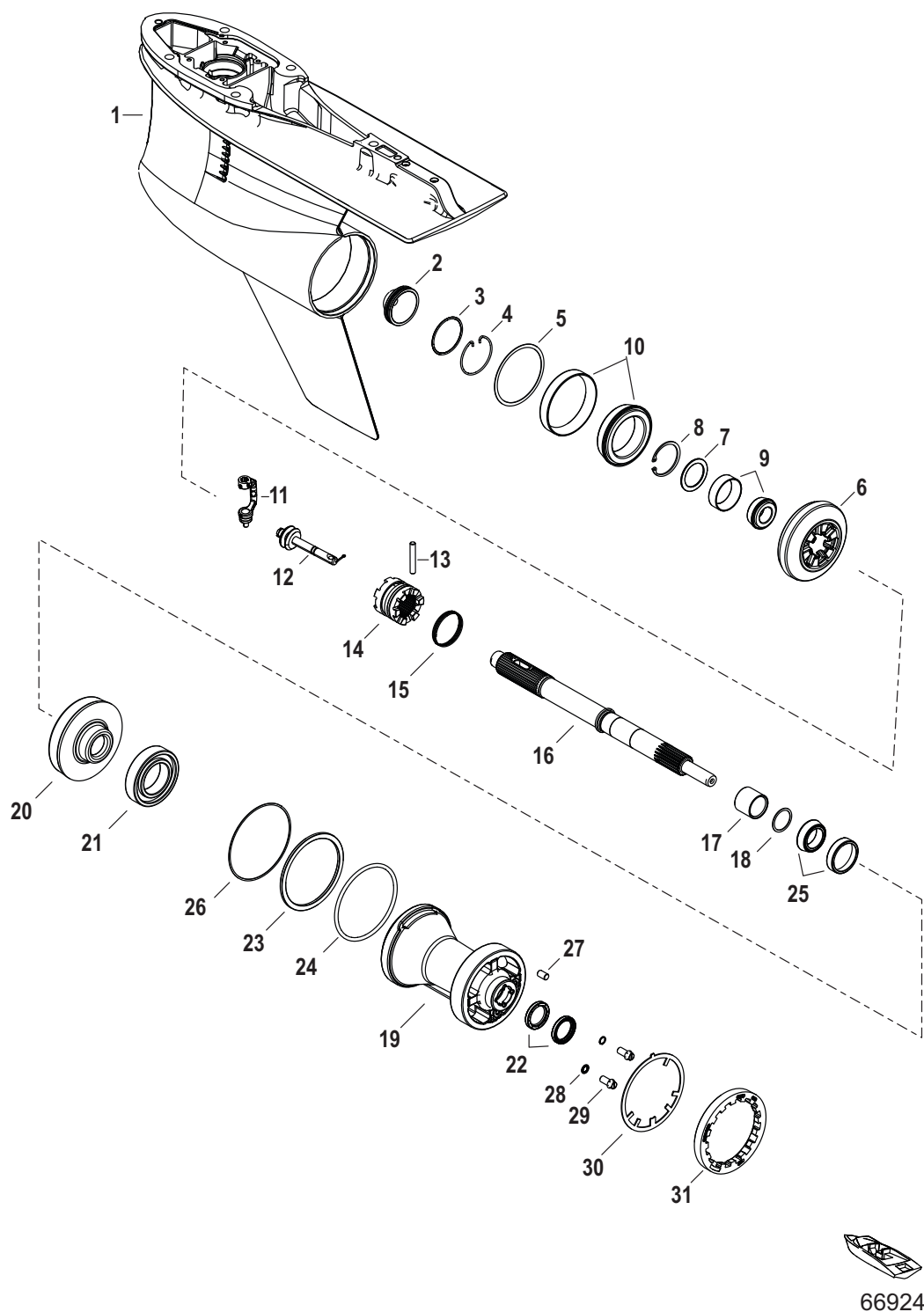
- [1] - Component of Driveshaft Kit 4.80 8M0146062  
Component of Driveshaft Kit 4.80 8M0146063  
Component of Driveshaft Kit 4.80 8M0146064  
Component of Driveshaft Kit 4.80 8M0168203  
Component of Driveshaft Kit 4.80 8M0168206  
Component of Driveshaft Kit 4.80 8M0168209
- [2] - Component of Driveshaft Kit 4.80 8M0146062  
Component of Driveshaft Kit 4.80 8M0168203
- [3] - Component of Driveshaft Kit 4.80 8M0146063  
Component of Driveshaft Kit 4.80 8M0168206
- [4] - Component of Driveshaft Kit 4.80 8M0146064  
Component of Driveshaft Kit 4.80 8M0168209
- [5] - Alternate part numbers:  
  
43026Q02QS  
  
43026T 2Service Part
- [6] - Component of Driveshaft Kit 4.80 8M0168203  
Component of Driveshaft Kit 4.80 8M0168206  
Component of Driveshaft Kit 4.80 8M0168209
- [7] - Component of Driveshaft Kit 4.80 8M0146062
- [8] - Component of Driveshaft Kit 4.80 8M0168203
- [9] - Component of Driveshaft Kit 4.80 8M0146063



## **Gear Housing Driveshaft, 4.80 Torpedo**

- [10] - Component of Driveshaft Kit 4.80 8M0168206
- [11] - Component of Driveshaft Kit 4.80 8M0146064
- [12] - Component of Driveshaft Kit 4.80 8M0168209

# Gear Housing Prop Shaft - Standard Rotation, 4.80 Torpedo

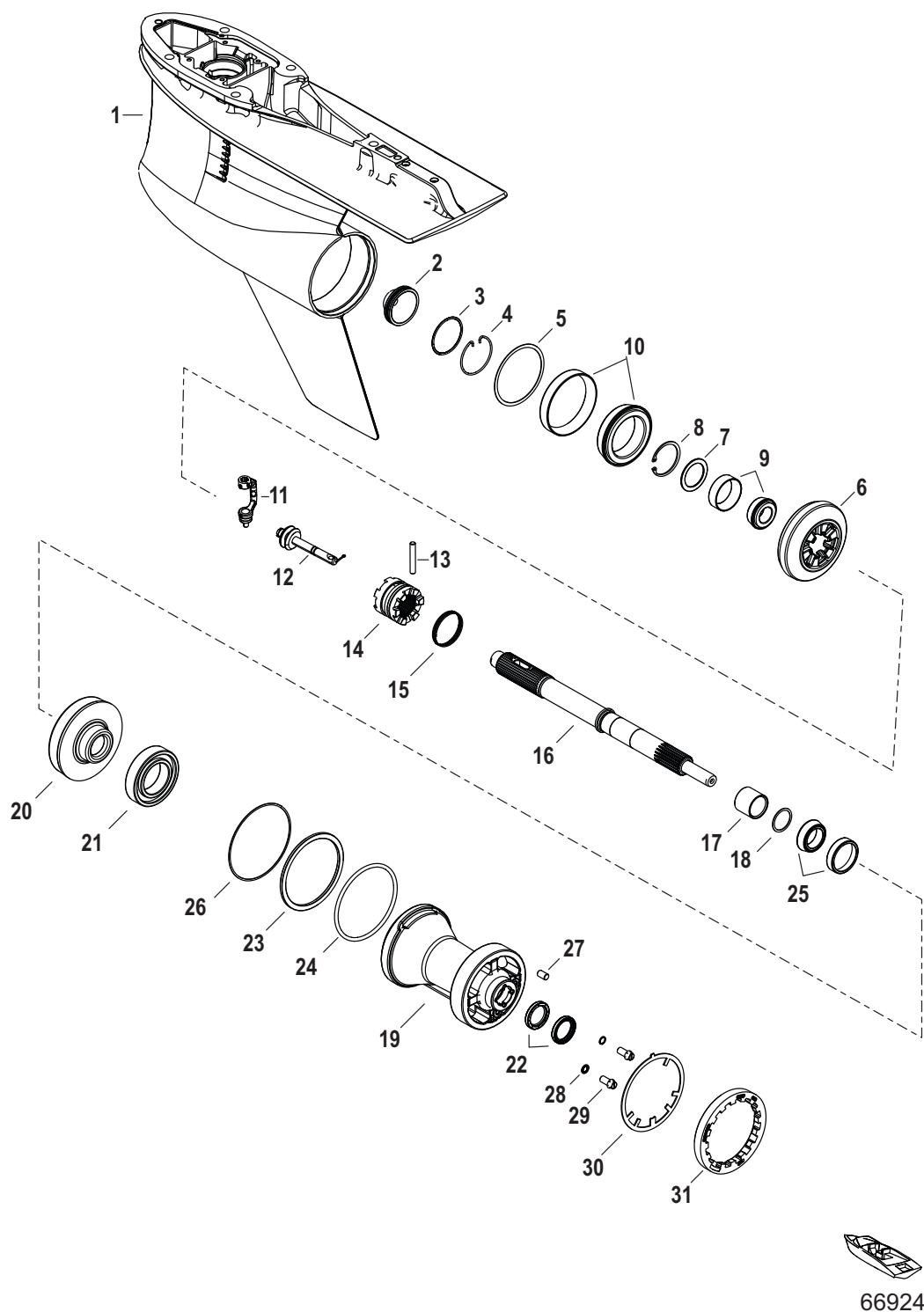


## Gear Housing Prop Shaft - Standard Rotation, 4.80 Torpedo

| Ref # | Part Class | Part Number | Description                                            | Comments | Qty | Note |
|-------|------------|-------------|--------------------------------------------------------|----------|-----|------|
| -     | 1600       | 8M0142293   | GEAR HOUSING ASSEMBLY Black (Standard Long) (1.85)     |          | 1   |      |
| -     | 1600       | 8M0142295   | GEAR HOUSING ASSEMBLY Black (Standard X-Long) (1.85)   |          | 1   |      |
| -     | 1600       | 8M0142300   | GEAR HOUSING ASSEMBLY Black (Standard XX-Long) (1.85)  |          | 1   |      |
| -     | 1600       | 8M0142294   | GEAR HOUSING ASSEMBLY Silver (Standard Long) (1.85)    |          | 1   |      |
| -     | 1600       | 8M0142296   | GEAR HOUSING ASSEMBLY Silver (Standard X-Long) (1.85)  |          | 1   |      |
| -     | 1600       | 8M0142299   | GEAR HOUSING ASSEMBLY Silver (Standard XX-Long) (1.85) |          | 1   |      |
| 1     | 1600       | 8M0142886   | GEAR HOUSING ASSEMBLY Basic, Black (4.8)               |          | 1   |      |
| 1     | 1600       | 8M0145768   | GEAR HOUSING ASSEMBLY Basic, Silver (4.8)              |          | 1   |      |
| 2     | 0019       | 8M0142853   | PLUG Torpedo                                           |          | 1   |      |
| 3     | 0025       | 8M0142854   | O RING (2.175 x .103)                                  |          | 1   |      |
| 4     | 0053       | 880719      | RING Retaining                                         |          | 1   |      |
| 5     | 0015       | 8M0063270   | SHIM SET                                               |          | 1   |      |
| 6     | 0043       | 8M0146697   | GEAR SET Forward Pinion 13/24                          |          | 1   |      |
| 7     | 0012       | 8M0053823   | THRUST WASHER                                          |          | 1   |      |
| 8     | 0053       | 8M0051043   | RETAINING RING                                         |          | 1   |      |
| 9     | 0031       | 8M0142835   | BEARING Roller Tapered                                 |          | 1   |      |
| 10    | 0031       | 8M0142836   | BEARING Roller Tapered                                 |          | 1   |      |
| 11    | 0000       | 8M0046215   | CRANK, Shifter 1/4 Pivot Pin                           |          | 1   |      |
| 12    | 0000       | 8M0142857   | SPOOL                                                  |          | 1   |      |
| 13    | 0017       | 8M0045493   | PIN                                                    |          | 1   |      |
| 14    | 0052       | 8M0142849   | CLUTCH Sliding                                         |          | 1   |      |
| 15    | 0024       | 8M0050575   | SPRING                                                 |          | 1   |      |
| 16    | 0044       | 8M0142883   | SHAFT Prop                                             |          | 1   |      |
| 17    | 0023       | 8M0064306   | SPACER                                                 |          | 1   |      |
| 18    | 0015       | 8M0076745   | SHIM SET                                               |          | 1   |      |
| 18    | 0012       | 8M0050423   | WASHER .020                                            |          | AR  |      |
| 18    | 0012       | 8M0050424   | WASHER .022                                            |          | AR  |      |
| 18    | 0012       | 8M0050425   | WASHER .024                                            |          | AR  |      |
| 18    | 0012       | 8M0050427   | WASHER .026                                            |          | AR  |      |
| 18    | 0012       | 8M0050428   | WASHER .028                                            |          | AR  |      |
| 18    | 0012       | 8M0050429   | WASHER .030                                            |          | AR  |      |
| 18    | 0012       | 8M0050430   | WASHER .032                                            |          | AR  |      |
| 18    | 0012       | 8M0050431   | WASHER .034                                            |          | AR  |      |
| 18    | 0012       | 8M0050432   | WASHER .036                                            |          | AR  |      |
| 18    | 0012       | 8M0050433   | WASHER .038                                            |          | AR  |      |
| 18    | 0012       | 8M0050434   | WASHER .040                                            |          | AR  |      |
| 18    | 0012       | 8M0050435   | WASHER .042                                            |          | AR  |      |
| 18    | 0012       | 8M0050436   | WASHER .044                                            |          | AR  |      |
| 18    | 0012       | 8M0050437   | WASHER .046                                            |          | AR  |      |
| 18    | 0012       | 8M0050438   | WASHER .048                                            |          | AR  |      |

Gear Housing Prop Shaft - Standard Rotation, 4.80 Torpedo

# Gear Housing Prop Shaft - Standard Rotation, 4.80 Torpedo



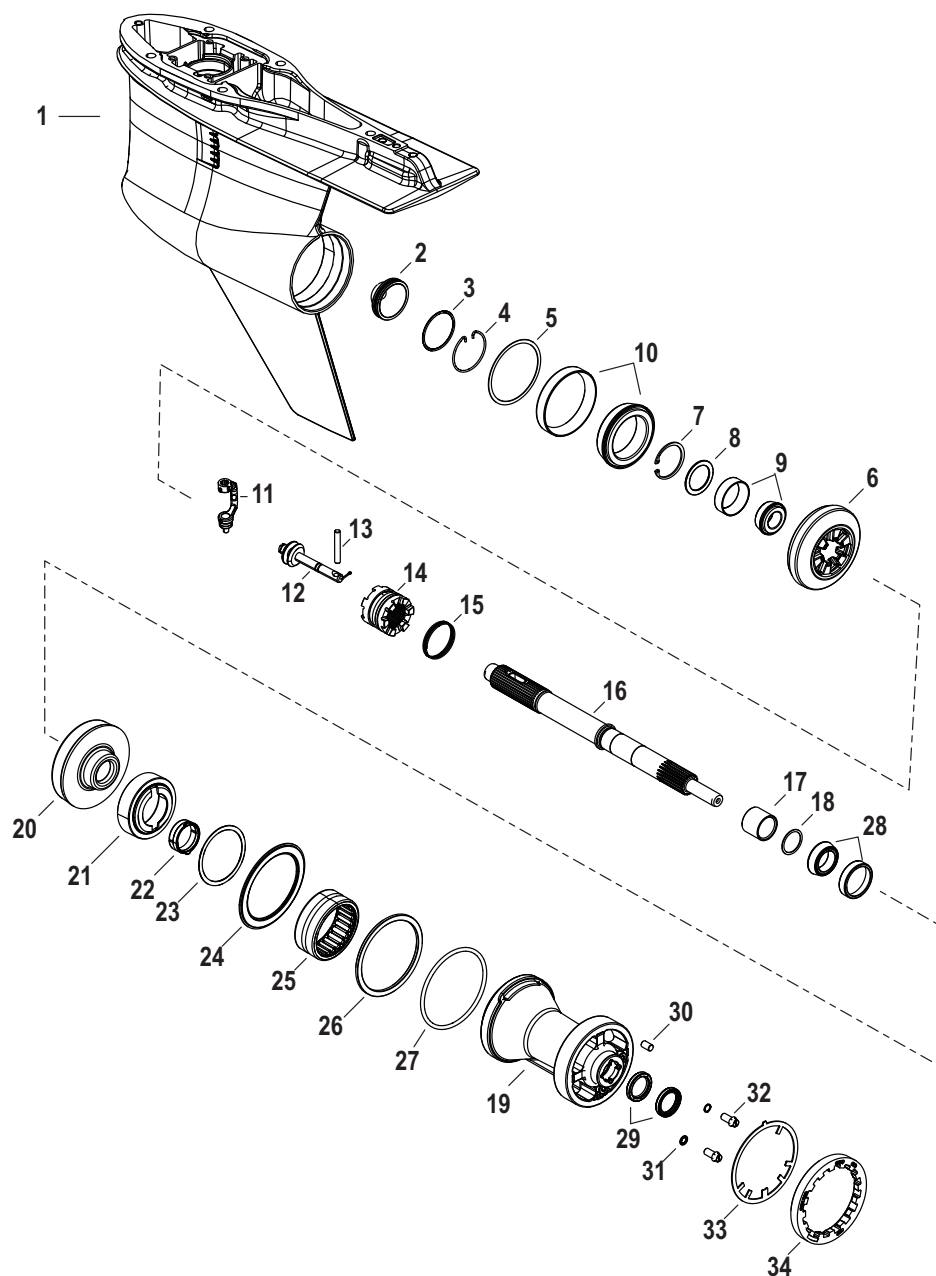
## Gear Housing Prop Shaft - Standard Rotation, 4.80 Torpedo

| Ref # | Part Class | Part Number | Description           | Comments | Qty | Note |
|-------|------------|-------------|-----------------------|----------|-----|------|
| 18    | 0012       | 8M0050439   | WASHER .050           |          | AR  |      |
| 19    | 0000       | 8M0142890   | BEARING CARRIER       |          | 1   |      |
| 20    | 0043       | 8M0142891   | GEAR Reverse, 24T     |          | 1   |      |
| 21    | 0030       | 8M0142873   | BEARING               |          | 1   |      |
| 22    | 0026       | 888483      | SEAL Oil              |          | 2   |      |
| 23    | 0000       | 880699      | THRUST RING           |          | 1   |      |
| 24    | 0025       | 8M0142840   | O-RING (3.85 x 0.210) |          | 1   |      |
| 25    | 0031       | 8M0148319   | BEARING Cup/Cone      |          | 1   |      |
| 26    | 0015       | 8M0063270   | SHIM SET              |          | 1   |      |
| 27    | 0017       | 8M0109164   | PIN                   |          | 1   |      |
| 28    | 0026       | 830749      | SEAL                  |          | 2   | [1]  |
| 29    | 0010       | 8M0071653   | SCREW Special         |          | 2   |      |
| 30    | 0014       | 8M0142855   | TAB WASHER            |          | 1   | [1]  |
| 31    | 0000       | 8M2000347   | RETAINER              |          | 1   |      |
| -     | 0026       | 8M0142979   | SEAL KIT              |          | 1   |      |

**PART NOTES:**

- [1] - Component of Driveshaft Kit 4.80 8M0146062  
 Component of Driveshaft Kit 4.80 8M0146063  
 Component of Driveshaft Kit 4.80 8M0146064  
 Component of Driveshaft Kit 4.80 8M0168203  
 Component of Driveshaft Kit 4.80 8M0168206  
 Component of Driveshaft Kit 4.80 8M0168209

# Gear Housing Prop Shaft-Counter Rotation, 4.80 Torpedo



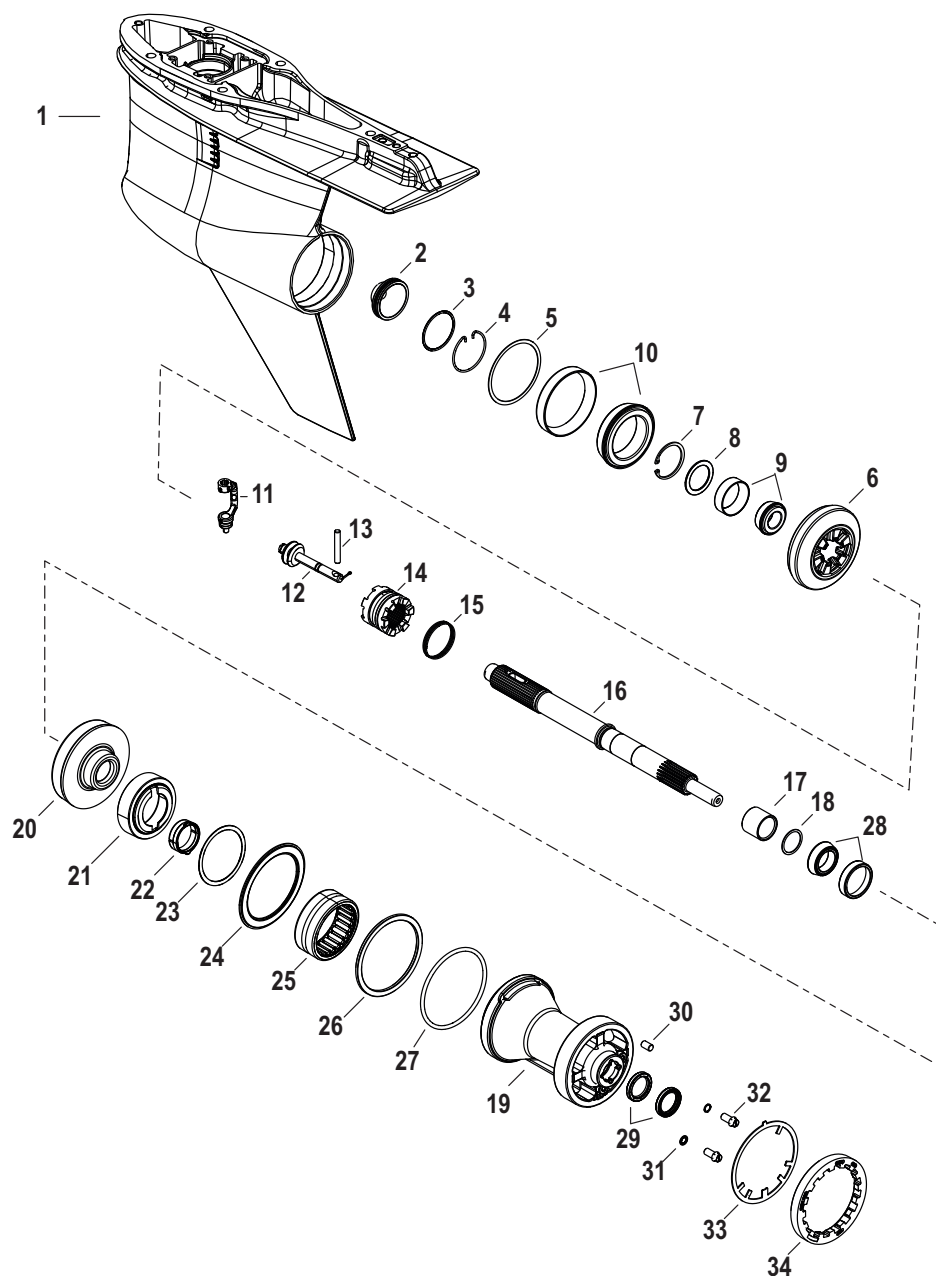
66955

## Gear Housing Prop Shaft-Counter Rotation, 4.80 Torpedo

| Ref # | Part Class | Part Number | Description                                                    | Comments | Qty | Note |
|-------|------------|-------------|----------------------------------------------------------------|----------|-----|------|
| -     | 1600       | 8M0142297   | GEAR HOUSING ASSEMBLY Black (Counter Rotation X-Long) (1.85)   |          | 1   |      |
| -     | 1600       | 8M0142301   | GEAR HOUSING ASSEMBLY Black (Counter Rotation XX-Long) (1.85)  |          | 1   |      |
| -     | 1600       | 8M0142298   | GEAR HOUSING ASSEMBLY Silver (Counter Rotation X-Long) (1.85)  |          | 1   |      |
| -     | 1600       | 8M0142302   | GEAR HOUSING ASSEMBLY Silver (Counter Rotation XX-Long) (1.85) |          | 1   |      |
| 1     | 1600       | 8M0142886   | GEAR HOUSING ASSEMBLY Basic, Black (4.8)                       |          | 1   |      |
| 1     | 1600       | 8M0145768   | GEAR HOUSING ASSEMBLY Basic, Silver (4.8)                      |          | 1   |      |
| 2     | 0019       | 8M0142853   | PLUG Torpedo                                                   |          | 1   |      |
| 3     | 0025       | 8M0142854   | O RING (2.175 x .103)                                          |          | 1   |      |
| 4     | 0053       | 880719      | RING Retaining                                                 |          | 1   |      |
| 5     | 0015       | 8M0063270   | SHIM SET                                                       |          | 1   |      |
| 6     | 0043       | 8M0142884   | GEAR Reverse                                                   |          | 1   |      |
| 7     | 0053       | 8M0051043   | RETAINING RING                                                 |          | 1   |      |
| 8     | 0012       | 8M0053823   | THRUST WASHER                                                  |          | 1   |      |
| 9     | 0031       | 8M0142835   | BEARING Roller Tapered                                         |          | 1   |      |
| 10    | 0031       | 8M0142836   | BEARING Roller Tapered                                         |          | 1   |      |
| 11    | 0000       | 8M0046215   | CRANK, Shifter 1/4 Pivot Pin                                   |          | 1   |      |
| 12    | 0000       | 8M0142857   | SPOOL                                                          |          | 1   |      |
| 13    | 0017       | 8M0045493   | PIN                                                            |          | 1   |      |
| 14    | 0052       | 8M0142849   | CLUTCH Sliding                                                 |          | 1   |      |
| 15    | 0024       | 8M0050575   | SPRING                                                         |          | 1   |      |
| 16    | 0044       | 8M0142883   | SHAFT Prop                                                     |          | 1   |      |
| 17    | 0023       | 8M0064306   | SPACER                                                         |          | 1   |      |
| 18    | 0015       | 8M0076745   | SHIM SET                                                       |          | 1   |      |
| 18    | 0012       | 8M0050423   | WASHER .020                                                    |          | AR  |      |
| 18    | 0012       | 8M0050424   | WASHER .022                                                    |          | AR  |      |
| 18    | 0012       | 8M0050425   | WASHER .024                                                    |          | AR  |      |
| 18    | 0012       | 8M0050427   | WASHER .026                                                    |          | AR  |      |
| 18    | 0012       | 8M0050428   | WASHER .028                                                    |          | AR  |      |
| 18    | 0012       | 8M0050429   | WASHER .030                                                    |          | AR  |      |
| 18    | 0012       | 8M0050430   | WASHER .032                                                    |          | AR  |      |
| 18    | 0012       | 8M0050431   | WASHER .034                                                    |          | AR  |      |
| 18    | 0012       | 8M0050432   | WASHER .036                                                    |          | AR  |      |
| 18    | 0012       | 8M0050433   | WASHER .038                                                    |          | AR  |      |
| 18    | 0012       | 8M0050434   | WASHER .040                                                    |          | AR  |      |
| 18    | 0012       | 8M0050435   | WASHER .042                                                    |          | AR  |      |
| 18    | 0012       | 8M0050436   | WASHER .044                                                    |          | AR  |      |
| 18    | 0012       | 8M0050437   | WASHER .046                                                    |          | AR  |      |
| 18    | 0012       | 8M0050438   | WASHER .048                                                    |          | AR  |      |
| 18    | 0012       | 8M0050439   | WASHER .050                                                    |          | AR  |      |
| 19    | 0000       | 8M0142881   | BEARING CARRIER                                                |          | 1   |      |
| 20    | 0043       | 8M0142882   | GEAR Forward                                                   |          | 1   |      |

Gear Housing Prop Shaft-Counter Rotation, 4.80 Torpedo

# Gear Housing Prop Shaft-Counter Rotation, 4.80 Torpedo



66955

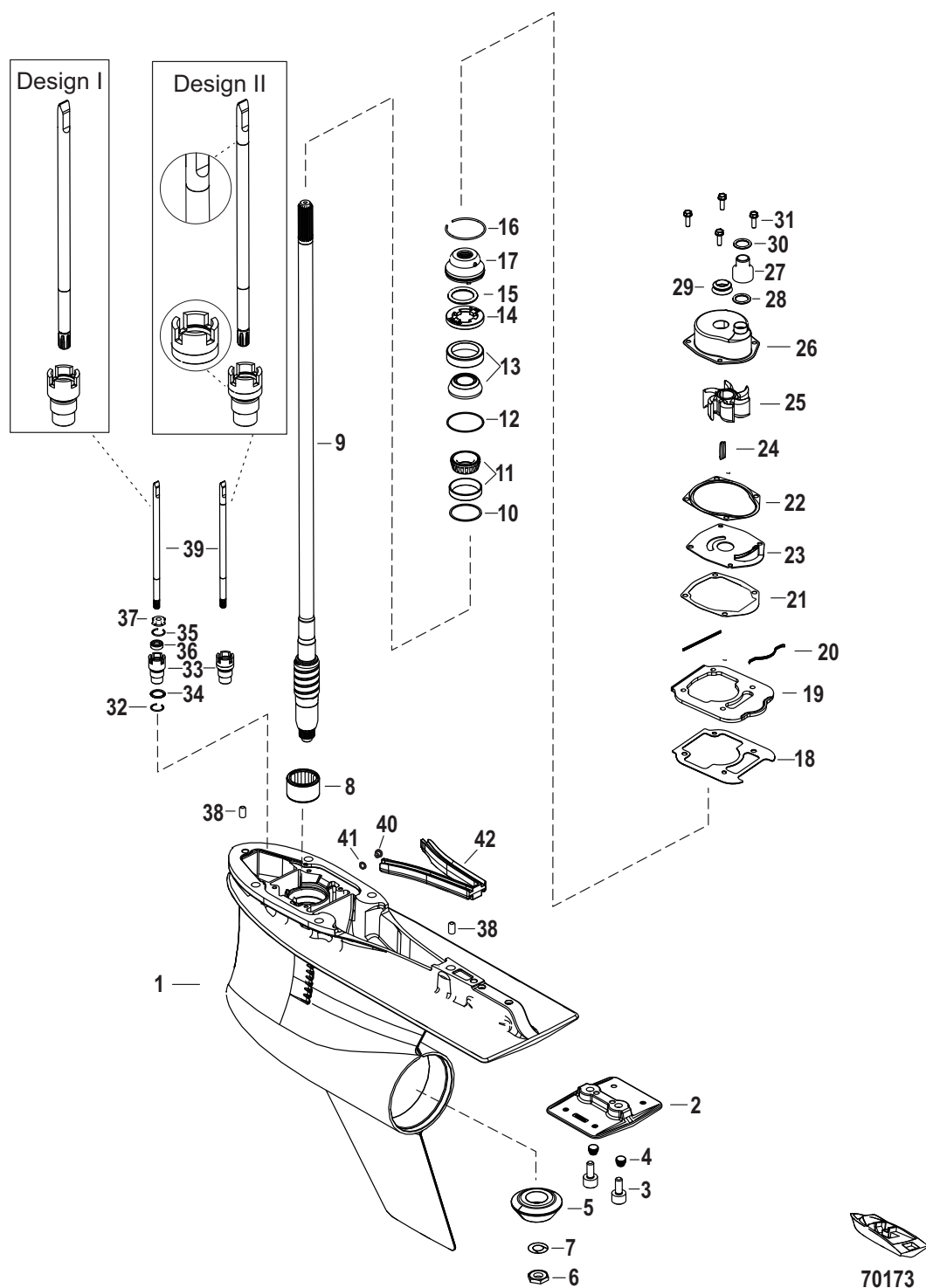
## Gear Housing Prop Shaft-Counter Rotation, 4.80 Torpedo

| Ref # | Part Class | Part Number | Description                     | Comments | Qty | Note |
|-------|------------|-------------|---------------------------------|----------|-----|------|
| 21    | 0000       | 8M0148384   | ADAPTOR Bearing Forward Gear    |          | 1   |      |
| 22    | 0000       | 8M0053183   | ADAPTER                         |          | 1   |      |
| 23    | 0015       | 8M0063269   | SHIM SET                        |          | 1   |      |
| 24    | 0031       | 815480      | BEARING Thrust                  |          | 1   |      |
| 25    | 0031       | 814653T     | BEARING ASSEMBLY Needle Rollers |          | 1   |      |
| 26    | 0000       | 880699      | THRUST RING                     |          | 1   |      |
| 27    | 0025       | 8M0142840   | O-RING (3.85 x 0.210)           |          | 1   |      |
| 28    | 0031       | 8M0148319   | BEARING Cup/Cone                |          | 1   |      |
| 29    | 0026       | 888483      | SEAL Oil                        |          | 2   |      |
| 30    | 0017       | 8M0109164   | PIN                             |          | 1   |      |
| 31    | 0026       | 830749      | SEAL                            |          | 2   | [1]  |
| 32    | 0010       | 8M0071653   | SCREW Special                   |          | 2   |      |
| 33    | 0014       | 8M0142855   | TAB WASHER                      |          | 1   | [1]  |
| 34    | 0000       | 8M2000347   | RETAINER                        |          | 1   |      |
| -     | 0026       | 8M0142979   | SEAL KIT                        |          | 1   |      |

## PART NOTES:

- [1] - Component of Driveshaft Kit 4.80 8M0146062  
Component of Driveshaft Kit 4.80 8M0146063  
Component of Driveshaft Kit 4.80 8M0146064  
Component of Driveshaft Kit 4.80 8M0168203  
Component of Driveshaft Kit 4.80 8M0168206  
Component of Driveshaft Kit 4.80 8M0168209

## Gear Housing, Driveshaft, 5.44 Torpedo

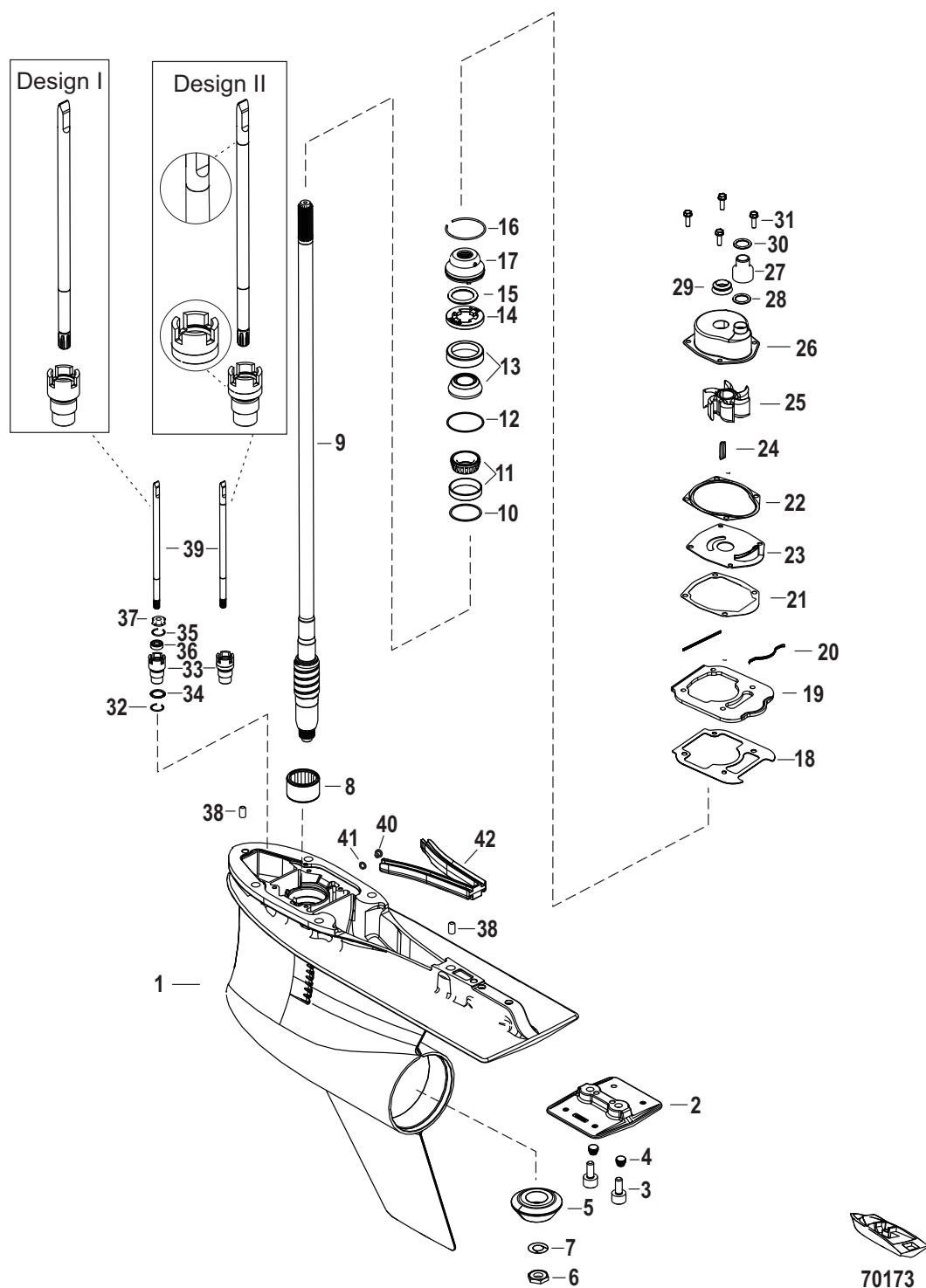


## Gear Housing, Driveshaft, 5.44 Torpedo

| Ref # | Part Class | Part Number | Description                                                           | Comments         | Qty | Note |
|-------|------------|-------------|-----------------------------------------------------------------------|------------------|-----|------|
| -     | 1600       | 8M0142303   | GEAR HOUSING ASSEMBLY Black (Standard Long) (1.85) (SeaPro)           |                  | 1   |      |
| -     | 1600       | 8M0142304   | GEAR HOUSING ASSEMBLY Black (Standard X-Long) (1.85) (SeaPro)         |                  | 1   |      |
| -     | 1600       | 8M0142305   | GEAR HOUSING ASSEMBLY Black (Counter Rotation X-Long) (1.85) (SeaPro) |                  | 1   |      |
| 1     | 1600       | 8M0145771   | GEAR HOUSING ASSEMBLY Basic, Black (SeaPro)                           |                  | 1   |      |
| 2     | 0097       | 8M0137814   | ANODE ANTIVENT PLATE                                                  |                  | 1   |      |
| 3     | 0010       | 8M0142850   | SCREW (M10 X 25)                                                      |                  | 2   |      |
| 4     | 0019       | 8M0142878   | PLUG Screw                                                            |                  | 2   |      |
| 5     | 0043       | 8M0146649   | GEAR SET Forward Gear Pinion 13/24                                    | (1.85:1)         | 1   |      |
| 5     | 0043       | 8M0146667   | GEAR SET Forward Gear Pinion 13/24                                    | (1.85:1) Counter | 1   |      |
| 6     | 0011       | 8M0046636   | NUT                                                                   |                  | 1   | [1]  |
| 7     | 0012       | 8M0062703   | WASHER                                                                |                  | 2   |      |
| 8     | 0031       | 8M0045676   | BEARING Roller                                                        |                  | 1   |      |
| 9     | 0045       | 8M0146065   | DRIVESHAFT KIT Long                                                   |                  | 1   | [2]  |
| 9     | 0045       | 8M0146066   | DRIVESHAFT KIT X-Long                                                 |                  | 1   | [3]  |
| 9     | 0045       | 8M0146067   | DRIVESHAFT KIT XX-Long                                                |                  | 1   | [4]  |
| 10    | 0015       | 8M0063268   | SHIM SET                                                              |                  | 1   | [1]  |
| 11    | 0031       | 8M0146553   | BEARING ASSEMBLY Cup/Cone                                             |                  | 1   | [1]  |
| 12    | 0015       | 8M0063267   | SHIM SET                                                              |                  | 1   | [1]  |
| 13    | 0031       | 8M0146566   | BEARING ASSEMBLY Cup/Cone                                             |                  | 1   | [1]  |
| 14    | 0000       | 8245191     | RETAINER                                                              |                  | 1   |      |
| 15    | 0025       | 8M0142854   | O RING (2.175 x .103)                                                 |                  | 1   |      |
| 16    | 0053       | 880719      | RING Retaining                                                        |                  | 1   |      |
| 17    | 0000       | 8M0046297   | OIL SEAL CARRIER ASSEMBLY                                             |                  | 1   |      |
| 18    | 0027       | 8M0146938   | GASKET Water Pump Base                                                |                  | 1   |      |
| 19    | 0000       | 8M0142869   | COVER HOUSING Gearcase                                                |                  | 1   |      |
| 20    | 0025       | 8M0142659   | SEAL                                                                  |                  | 2   |      |
| 21    | 0027       | 8M0112903   | GASKET Rubber Molded Steel                                            |                  | 1   |      |
| 22    | 0027       | 8172771     | GASKET                                                                |                  | 1   | [1]  |
| 23    | 0000       | 8172761     | FACEPLATE                                                             |                  | 1   |      |
| 24    | 0028       | 8M0032833   | KEY                                                                   |                  | 1   |      |
| 25    | 0047       | 43026T2     | IMPELLER                                                              |                  | 1   | [5]  |
| 26    | 0000       | 817275A1    | HOUSING KIT Water Pump                                                |                  | 1   |      |
| 27    | 0000       | 8M0142435   | COUPLING Water Pump                                                   |                  | 1   |      |
| 28    | 0025       | 21836       | O-RING (.796 x .139)                                                  |                  | 1   |      |
| 29    | 0026       | 8M0142851   | VRING Face Seal                                                       |                  | 1   |      |
| 30    | 0025       | 8M0142712   | O-RING (0.796 x 0.139)                                                |                  | 1   |      |
| 31    | 0010       | 1993720     | SCREW (M6 x 20)                                                       |                  | 4   |      |
| 32    | 0053       | 8M0142866   | RING Retaining                                                        |                  | 1   | [1]  |
| 33    | 0023       | 8M0142859   | BUSHING Shift Shaft                                                   | Design I         | 1   |      |
| 33    | 0023       | 8M0164967   | BUSHING Shift Shaft                                                   | Design II        | 1   | [6]  |
| 34    | 0025       | 8M0142860   | O-RING                                                                |                  | 1   |      |

Gear Housing, Driveshaft, 5.44 Torpedo

## Gear Housing, Driveshaft, 5.44 Torpedo



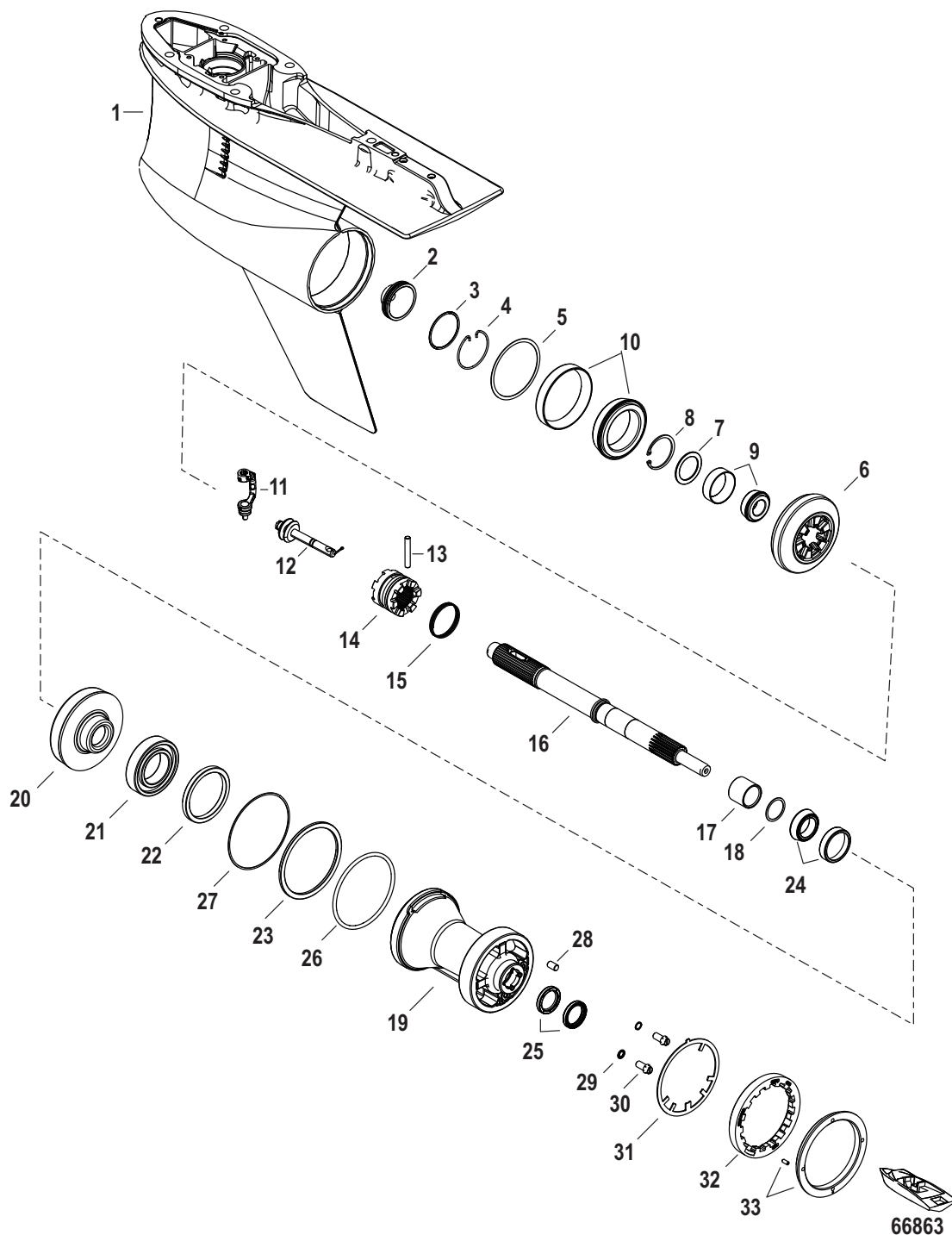
## Gear Housing, Driveshaft, 5.44 Torpedo

| Ref # | Part Class | Part Number | Description                                    | Comments  | Qty | Note |
|-------|------------|-------------|------------------------------------------------|-----------|-----|------|
| 35    | 0053       | 8M0046563   | RETAINING RING                                 |           | 1   |      |
| 36    | 0026       | 8164641     | SEAL Oil                                       |           | 1   |      |
| 37    | 0012       | 77674       | WASHER                                         |           | 1   |      |
| 38    | 0017       | 8M0084244   | PIN Dowel                                      |           | 2   |      |
| 39    | 0000       | 8M0142858   | SHIFT SHAFT Long                               | Design I  | 1   | [7]  |
| 39    |            | 8M0164968   | SHIFT SHAFT Long Includes Bushing Design II    | Design II | 1   | [8]  |
| 39    | 0000       | 8M0142865   | SHIFT SHAFT X-Long                             | Design I  | 1   | [9]  |
| 39    | 0000       | 8M0164969   | SHIFT SHAFT X-Long Includes Bushing Design II  | Design II | 1   | [10] |
| 39    | 0000       | 8M0142885   | SHIFT SHAFT XX-Long                            | Design I  | 1   | [11] |
| 39    | 0000       | 8M0164970   | SHIFT SHAFT XX-Long Includes Bushing Design II | Design II | 1   | [12] |
| 40    | 0010       | 79953A04    | PLUG ASSEMBLY (.375-16 x .250)                 | SeaPro    | 2   |      |
| 41    | 0026       | 830749      | SEAL                                           | SeaPro    | 2   |      |
| 42    | 0019       | 8M0142587   | PLUG Lower Relief Muffler                      |           | 1   |      |
| -     | 0047       | 8M0142980   | IMPELLER REPAIR KIT                            |           | 1   |      |
| -     | 0026       | 8M0142979   | SEAL KIT                                       |           | 1   |      |

## PART NOTES:

- [1] - Component of Driveshaft Kit 5.44 8M0146065  
Component of Driveshaft Kit 5.44 8M0146066  
Component of Driveshaft Kit 5.44 8M0146067  
Component of Driveshaft Kit 5.44 8M0168204  
Component of Driveshaft Kit 5.44 8M0168208  
Component of Driveshaft Kit 5.44 8M0168210
- [2] - Component of Driveshaft Kit 5.44 8M0146065  
Component of Driveshaft Kit 5.44 8M0168204
- [3] - Component of Driveshaft Kit 5.44 8M0146066  
Component of Driveshaft Kit 5.44 8M0168208
- [4] - Component of Driveshaft Kit 5.44 8M0146067  
Component of Driveshaft Kit 5.44 8M0168210
- [5] - Alternate part numbers:  
  
43026Q02QS  
  
43026T 2Service Part
- [6] - Component of Driveshaft Kit 5.44 8M0168204  
Component of Driveshaft Kit 5.44 8M0168208  
Component of Driveshaft Kit 5.44 8M0168210
- [7] - Component of Driveshaft Kit 5.44 8M0146065
- [8] - Component of Driveshaft Kit 5.44 8M0168204
- [9] - Component of Driveshaft Kit 5.44 8M0146066
- [10] - Component of Driveshaft Kit 5.44 8M0168208
- [11] - Component of Driveshaft Kit 5.44 8M0146067
- [12] - Component of Driveshaft Kit 5.44 8M0168210

# Gear Housing, Prop Shaft-Standard Rotation, 5.44 Torpedo



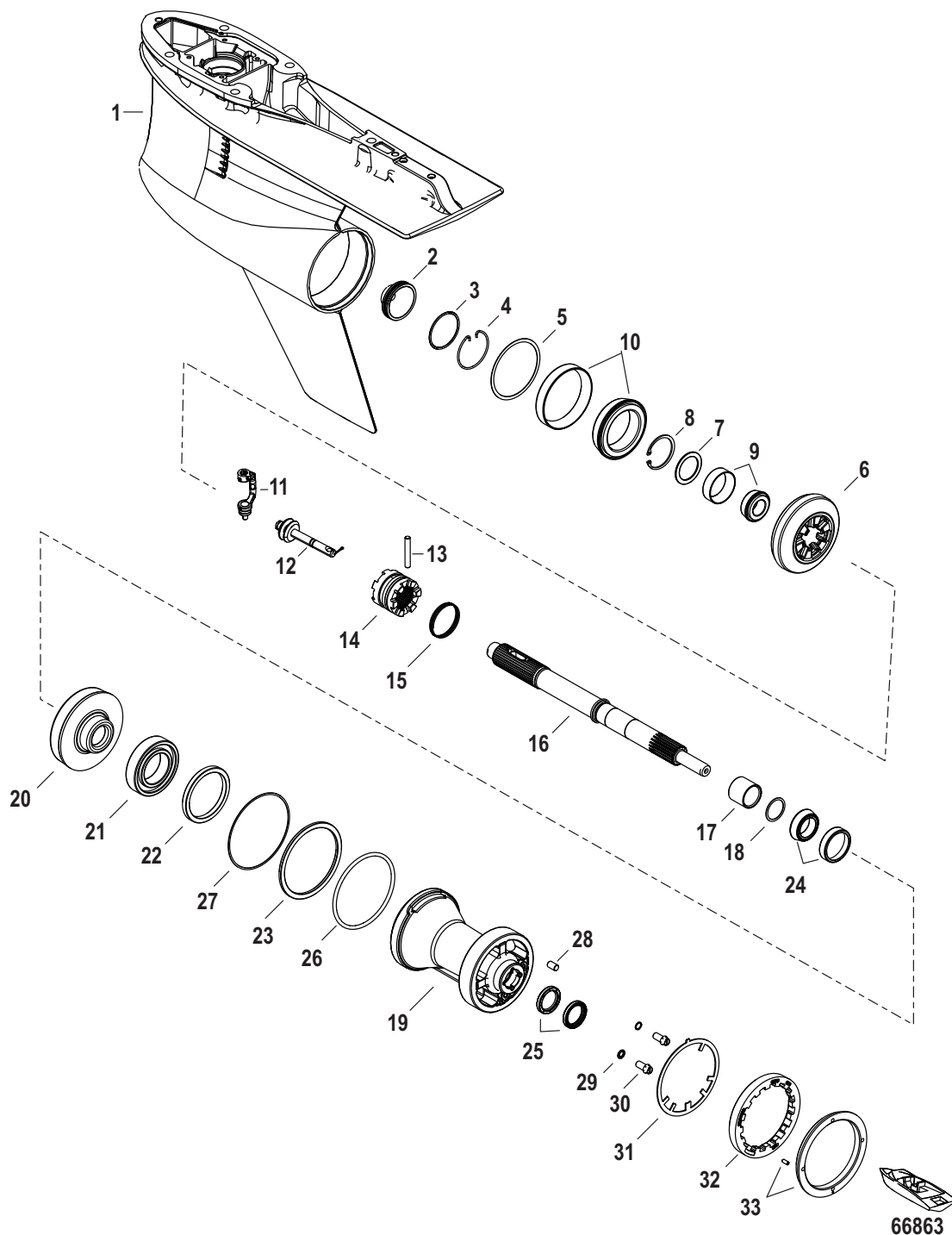
Gear Housing, Prop Shaft-Standard Rotation, 5.44 Torpedo

## Gear Housing, Prop Shaft-Standard Rotation, 5.44 Torpedo

| Ref # | Part Class | Part Number | Description                                                   | Comments                    | Qty | Note |
|-------|------------|-------------|---------------------------------------------------------------|-----------------------------|-----|------|
| -     | 1600       | 8M0142303   | GEAR HOUSING ASSEMBLY Black (Standard Long) (1.85) (SeaPro)   |                             | 1   |      |
| -     | 1600       | 8M0142304   | GEAR HOUSING ASSEMBLY Black (Standard X-Long) (1.85) (SeaPro) |                             | 1   |      |
| 1     | 1600       | 8M0145771   | GEAR HOUSING ASSEMBLY Basic, Black (SeaPro)                   |                             | 1   |      |
| 2     | 0019       | 8M0142853   | PLUG Torpedo                                                  |                             | 1   |      |
| 3     | 0025       | 8M0142854   | O RING (2.175 x .103)                                         |                             | 1   |      |
| 4     | 0053       | 880719      | RING Retaining                                                |                             | 1   |      |
| 5     | 0015       | 8M0063270   | SHIM SET                                                      |                             | 1   |      |
| 6     | 0043       | 8M0146649   | GEAR SET Forward Gear Pinion 13/24                            | (1.85:1) Forward and Pinion | 1   |      |
| 7     | 0012       | 8M0053823   | THRUST WASHER                                                 |                             | 1   |      |
| 8     | 0053       | 8M0051043   | RETAINING RING                                                |                             | 1   |      |
| 9     | 0031       | 8M0142835   | BEARING Roller Tapered                                        |                             | 1   |      |
| 10    | 0031       | 8M0142836   | BEARING Roller Tapered                                        |                             | 1   |      |
| 11    | 0000       | 8M0046215   | CRANK, Shifter 1/4 Pivot Pin                                  |                             | 1   |      |
| 12    | 0000       | 8M0142857   | SPOOL                                                         |                             | 1   |      |
| 13    | 0017       | 8M0045493   | PIN                                                           |                             | 1   |      |
| 14    | 0052       | 8M0142871   | CLUTCH Sliding 6 Jaw                                          |                             | 1   |      |
| 15    | 0024       | 8M0050575   | SPRING                                                        |                             | 1   |      |
| 16    | 0044       | 8M0142877   | SHAFT PROPELLER                                               |                             | 1   |      |
| 17    | 0023       | 8M0064306   | SPACER                                                        |                             | 1   |      |
| 18    | 0015       | 8M0076745   | SHIM SET                                                      |                             | 1   |      |
| 18    | 0012       | 8M0050423   | WASHER .020                                                   |                             | AR  |      |
| 18    | 0012       | 8M0050424   | WASHER .022                                                   |                             | AR  |      |
| 18    | 0012       | 8M0050425   | WASHER .024                                                   |                             | AR  |      |
| 18    | 0012       | 8M0050427   | WASHER .026                                                   |                             | AR  |      |
| 18    | 0012       | 8M0050428   | WASHER .028                                                   |                             | AR  |      |
| 18    | 0012       | 8M0050429   | WASHER .030                                                   |                             | AR  |      |
| 18    | 0012       | 8M0050430   | WASHER .032                                                   |                             | AR  |      |
| 18    | 0012       | 8M0050431   | WASHER .034                                                   |                             | AR  |      |
| 18    | 0012       | 8M0050432   | WASHER .036                                                   |                             | AR  |      |
| 18    | 0012       | 8M0050433   | WASHER .038                                                   |                             | AR  |      |
| 18    | 0012       | 8M0050434   | WASHER .040                                                   |                             | AR  |      |
| 18    | 0012       | 8M0050435   | WASHER .042                                                   |                             | AR  |      |
| 18    | 0012       | 8M0050436   | WASHER .044                                                   |                             | AR  |      |
| 18    | 0012       | 8M0050437   | WASHER .046                                                   |                             | AR  |      |
| 18    | 0012       | 8M0050438   | WASHER .048                                                   |                             | AR  |      |
| 18    | 0012       | 8M0050439   | WASHER .050                                                   |                             | AR  |      |
| 19    | 0000       | 8M0146059   | BEARING CARRIER ASSEMBLY RH                                   | (1.85)                      | 1   |      |
| 20    | 0043       | 8M0146658   | GEAR Reverse                                                  | 13/24 (1.85:1)              | 1   |      |
| 21    | 0030       | 8M0142873   | BEARING                                                       |                             | 1   |      |
| 22    | 0023       | 8M0142875   | SPACER                                                        |                             | 1   |      |
| 23    | 0012       | 8M0046569   | RING Thrust                                                   |                             | 1   |      |
| 24    | 0031       | 8M0148319   | BEARING Cup/Cone                                              |                             | 1   |      |

Gear Housing, Prop Shaft-Standard Rotation, 5.44 Torpedo

# Gear Housing, Prop Shaft-Standard Rotation, 5.44 Torpedo



Gear Housing, Prop Shaft-Standard Rotation, 5.44 Torpedo

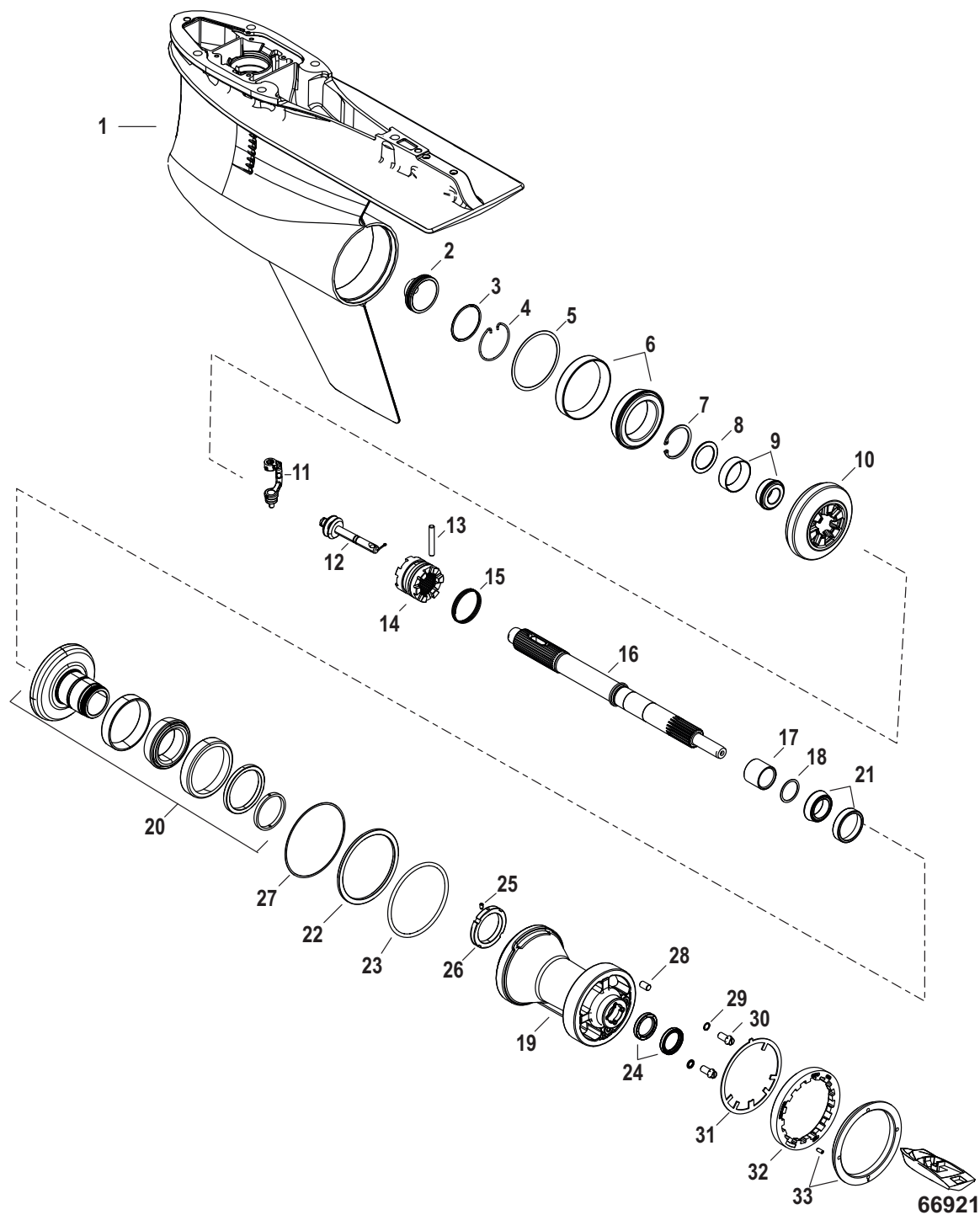
## Gear Housing, Prop Shaft-Standard Rotation, 5.44 Torpedo

| Ref # | Part Class | Part Number | Description               | Comments | Qty | Note |
|-------|------------|-------------|---------------------------|----------|-----|------|
| 25    | 0026       | 888483      | SEAL Oil                  |          | 2   |      |
| 26    | 0025       | 8M0000190   | O-RING (4.475 x .210)     |          | 1   |      |
| 27    | 0015       | 8M0146386   | SHIM SET                  |          | 1   |      |
| 28    | 0017       | 8M0109164   | PIN                       |          | 1   |      |
| 29    | 0026       | 830749      | SEAL                      |          | 2   | [1]  |
| 30    | 0010       | 8M0071653   | SCREW Special             |          | 2   |      |
| 31    | 0014       | 8M0108527   | WASHER Tab                |          | 1   | [1]  |
| 32    | 0000       | 8M0111653   | NUT Retainer              |          | 1   |      |
| 33    | 0000       | 8M0050821   | COVER KIT Flush, Standard |          | 1   |      |
| -     | 0026       | 8M0142979   | SEAL KIT                  |          | 1   |      |

**PART NOTES:**

- [1] - Component of Driveshaft Kit 5.44 8M0146065  
 Component of Driveshaft Kit 5.44 8M0146066  
 Component of Driveshaft Kit 5.44 8M0146067  
 Component of Driveshaft Kit 5.44 8M0168204  
 Component of Driveshaft Kit 5.44 8M0168208  
 Component of Driveshaft Kit 5.44 8M0168210

# Gear Housing, Prop Shaft-Counter Rotation, 5.44 Torpedo



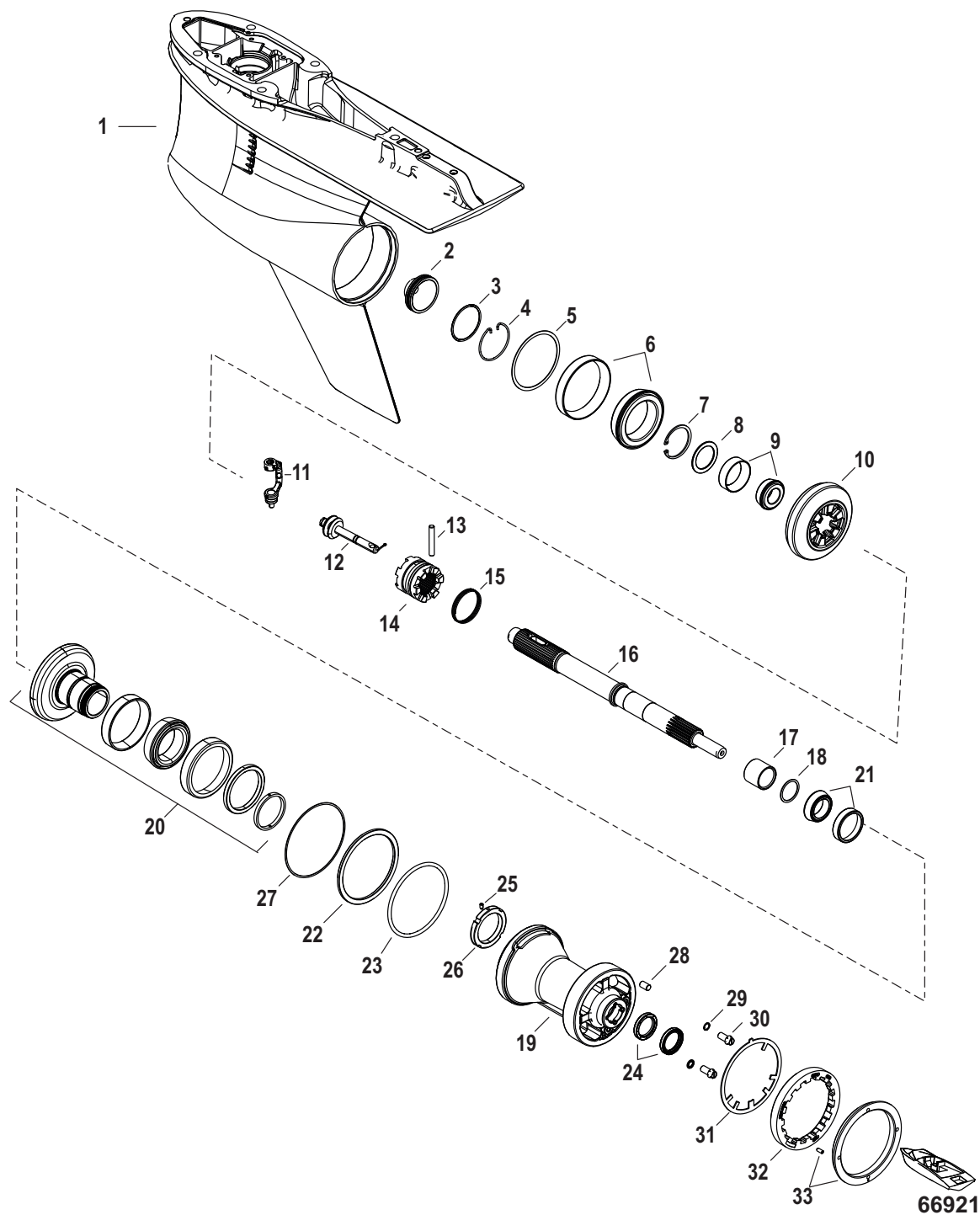
66921

## Gear Housing, Prop Shaft-Counter Rotation, 5.44 Torpedo

| Ref # | Part Class | Part Number | Description                                                           | Comments       | Qty | Note |
|-------|------------|-------------|-----------------------------------------------------------------------|----------------|-----|------|
| -     | 1600       | 8M0142305   | GEAR HOUSING ASSEMBLY Black (Counter Rotation X-Long) (1.85) (SeaPro) |                | 1   |      |
| 1     | 1600       | 8M0145771   | GEAR HOUSING ASSEMBLY Basic, Black (SeaPro)                           |                | 1   |      |
| 2     | 0019       | 8M0142853   | PLUG Torpedo                                                          |                | 1   |      |
| 3     | 0025       | 8M0142854   | O RING (2.175 x .103)                                                 |                | 1   |      |
| 4     | 0053       | 880719      | RING Retaining                                                        |                | 1   |      |
| 5     | 0015       | 8M0063270   | SHIM SET                                                              |                | 1   |      |
| 6     | 0031       | 8M0142836   | BEARING Roller Tapered                                                |                | 1   |      |
| 7     | 0053       | 8M0051043   | RETAINING RING                                                        |                | 1   |      |
| 8     | 0012       | 8M0053823   | THRUST WASHER                                                         |                | 1   |      |
| 9     | 0031       | 8M0142835   | BEARING Roller Tapered                                                |                | 1   |      |
| 10    | 0043       | 8M0146668   | GEAR Reverse                                                          | 13/24 (1.85:1) | 1   |      |
| 11    | 0000       | 8M0046215   | CRANK, Shifter 1/4 Pivot Pin                                          |                | 1   |      |
| 12    | 0000       | 8M0142857   | SPOOL                                                                 |                | 1   |      |
| 13    | 0017       | 8M0045493   | PIN                                                                   |                | 1   |      |
| 14    | 0052       | 8M0142871   | CLUTCH Sliding 6 Jaw                                                  |                | 1   |      |
| 15    | 0024       | 8M0050575   | SPRING                                                                |                | 1   |      |
| 16    | 0044       | 8M0142877   | SHAFT PROPELLER                                                       |                | 1   |      |
| 17    | 0023       | 8M0064306   | SPACER                                                                |                | 1   |      |
| 18    | 0015       | 8M0076745   | SHIM SET                                                              |                | 1   |      |
| 18    | 0012       | 8M0050423   | WASHER .020                                                           |                | AR  |      |
| 18    | 0012       | 8M0050424   | WASHER .022                                                           |                | AR  |      |
| 18    | 0012       | 8M0050425   | WASHER .024                                                           |                | AR  |      |
| 18    | 0012       | 8M0050427   | WASHER .026                                                           |                | AR  |      |
| 18    | 0012       | 8M0050428   | WASHER .028                                                           |                | AR  |      |
| 18    | 0012       | 8M0050429   | WASHER .030                                                           |                | AR  |      |
| 18    | 0012       | 8M0050430   | WASHER .032                                                           |                | AR  |      |
| 18    | 0012       | 8M0050431   | WASHER .034                                                           |                | AR  |      |
| 18    | 0012       | 8M0050432   | WASHER .036                                                           |                | AR  |      |
| 18    | 0012       | 8M0050433   | WASHER .038                                                           |                | AR  |      |
| 18    | 0012       | 8M0050434   | WASHER .040                                                           |                | AR  |      |
| 18    | 0012       | 8M0050435   | WASHER .042                                                           |                | AR  |      |
| 18    | 0012       | 8M0050436   | WASHER .044                                                           |                | AR  |      |
| 18    | 0012       | 8M0050437   | WASHER .046                                                           |                | AR  |      |
| 18    | 0012       | 8M0050438   | WASHER .048                                                           |                | AR  |      |
| 18    | 0012       | 8M0050439   | WASHER .050                                                           |                | AR  |      |
| 19    | 0000       | 8M0146060   | BEARING CARRIER ASSEMBLY LH                                           | (1.85:1)       | 1   |      |
| 20    | 0043       | 8M0146659   | GEAR SET Forward Gear Pinion 12/21                                    |                | 1   |      |
| 20    | 0043       | 8M0146667   | GEAR SET Forward Gear Pinion 13/24                                    |                | 1   |      |
| 21    | 0031       | 8M0148319   | BEARING Cup/Cone                                                      |                | 1   |      |
| 22    | 0012       | 8M0046569   | RING Thrust                                                           |                | 1   |      |
| 23    | 0025       | 8M0000190   | O-RING (4.475 x .210)                                                 |                | 1   |      |

Gear Housing, Prop Shaft-Counter Rotation, 5.44 Torpedo

# Gear Housing, Prop Shaft-Counter Rotation, 5.44 Torpedo



Gear Housing, Prop Shaft-Counter Rotation, 5.44 Torpedo

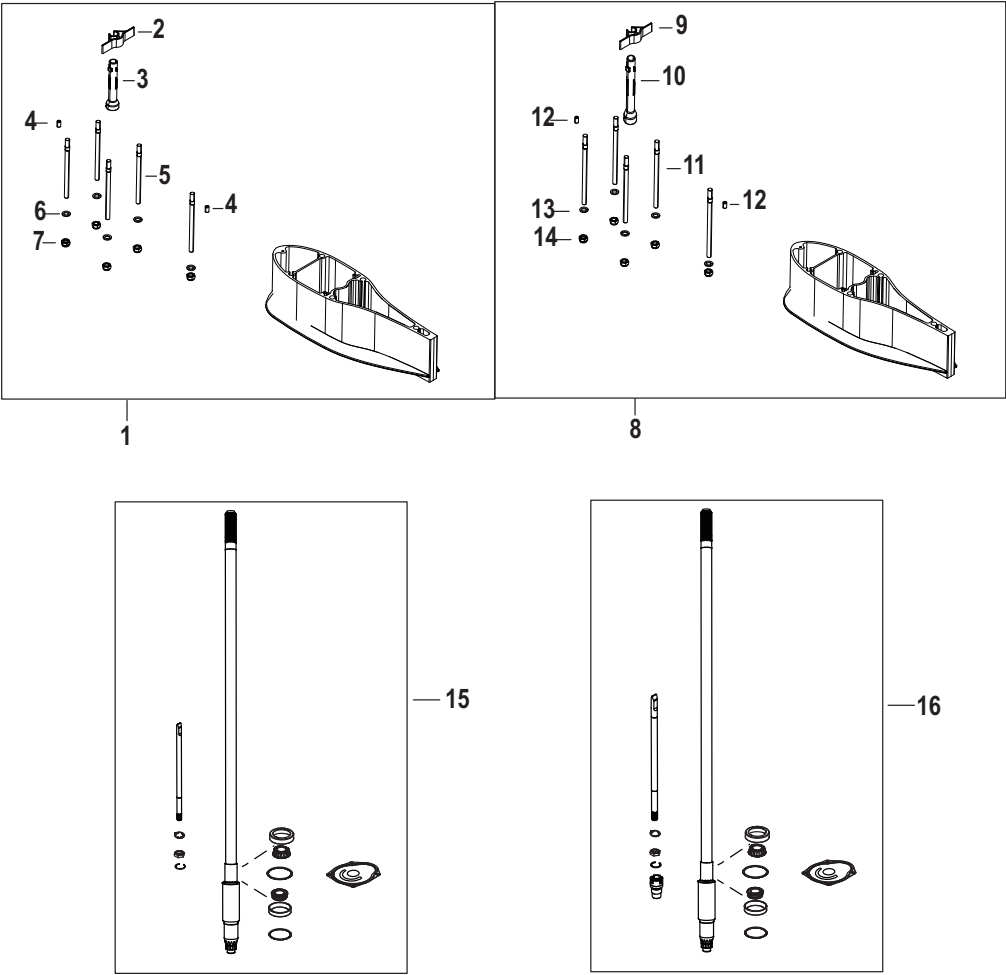
## Gear Housing, Prop Shaft-Counter Rotation, 5.44 Torpedo

| Ref # | Part Class | Part Number | Description               | Comments | Qty | Note |
|-------|------------|-------------|---------------------------|----------|-----|------|
| 24    | 0026       | 888483      | SEAL Oil                  |          | 2   |      |
| 25    | 0010       | 8M0066130   | SCREW- HALF DOG POINT SET |          | 1   |      |
| 26    | 0011       | 8M0064178   | LOCK NUT                  |          | 1   |      |
| 27    | 0015       | 8M0146386   | SHIM SET                  |          | 1   |      |
| 28    | 0017       | 8M0109164   | PIN                       |          | 1   |      |
| 29    | 0026       | 830749      | SEAL                      |          | 2   | [1]  |
| 30    | 0010       | 8M0071653   | SCREW Special             |          | 2   |      |
| 31    | 0014       | 8M0108527   | WASHER Tab                |          | 1   | [1]  |
| 32    | 0000       | 8M0111653   | NUT Retainer              |          | 1   |      |
| 33    | 0000       | 8M0050821   | COVER KIT Flush, Standard |          | 1   |      |
| -     | 0026       | 8M0142979   | SEAL KIT                  |          | 1   |      |

## PART NOTES:

- [1] - Component of Driveshaft Kit 5.44 8M0146065  
 Component of Driveshaft Kit 5.44 8M0146066  
 Component of Driveshaft Kit 5.44 8M0146067  
 Component of Driveshaft Kit 5.44 8M0168204  
 Component of Driveshaft Kit 5.44 8M0168208  
 Component of Driveshaft Kit 5.44 8M0168210

Driveshaft Extension Kits



67125

## Driveshaft Extension Kits

| Ref # | Part Class | Part Number | Description                                    | Comments | Qty | Note |
|-------|------------|-------------|------------------------------------------------|----------|-----|------|
| 1     | 0000       | 8M0142779   | SPACER ASSEMBLY 5 IN Black                     |          | 1   |      |
| 1     | 0000       | 8M0147047   | SPACER ASSEMBLY 5 IN Silver                    |          | 1   |      |
| 2     | 0000       | 8M0042271   | GUIDE Water Tube                               |          | 1   |      |
| 3     | 0000       | 8M0142780   | TUBE Water                                     |          | 1   |      |
| 4     | 0017       | 8M0084244   | PIN Dowel                                      |          | 2   |      |
| 5     | 0016       | 8M0142781   | STUD (M12 x 179)                               |          | 5   |      |
| 6     | 0012       | 856982      | WASHER (.500 x .810 x .090)<br>Stainless Steel |          | 5   |      |
| 7     | 0011       | 896895      | NUT (M12)                                      |          | 5   |      |
| 8     | 0000       | 8M0142787   | SPACER ASSEMBLY 10 IN Black                    |          | 1   |      |
| 8     | 0000       | 8M0147046   | SPACER ASSEMBLY 10 IN Silver                   |          | 1   |      |
| 9     | 0000       | 8M0042271   | GUIDE Water Tube                               |          | 1   |      |
| 10    | 0000       | 8M0142789   | WATER TUBE                                     |          | 1   |      |
| 11    | 0016       | 8M0142788   | STUD (M12 x 306)                               |          | 5   |      |
| 12    | 0017       | 8M0084244   | PIN Dowel                                      |          | 2   |      |
| 13    | 0012       | 856982      | WASHER (.500 x .810 x .090)<br>Stainless Steel |          | 5   |      |
| 14    | 0011       | 896895      | NUT (M12)                                      |          | 5   |      |
| 15    | 0045       | 8M0146062   | DRIVESHAFT KIT Long                            | 4.80     | 1   |      |
| 15    | 0045       | 8M0146063   | DRIVESHAFT KIT X-Long                          | 4.80     | 1   |      |
| 15    | 0045       | 8M0146064   | DRIVESHAFT KIT XX-Long                         | 4.80     | 1   |      |
| 15    | 0045       | 8M0146065   | DRIVESHAFT KIT Long                            | 5.44     | 1   |      |
| 15    | 0045       | 8M0146066   | DRIVESHAFT KIT X-Long                          | 5.44     | 1   |      |
| 15    | 0045       | 8M0146067   | DRIVESHAFT KIT XX-Long                         | 5.44     | 1   |      |
| 16    | 0045       | 8M0168203   | DRIVESHAFT KIT Long                            | 4.80     | 1   |      |
| 16    | 0045       | 8M0168206   | DRIVESHAFT KIT X-Long                          | 4.80     | 1   |      |
| 16    |            | 8M0168209   | DRIVESHAFT KIT XX-Long                         | 4.80     | 1   |      |
| 16    | 0045       | 8M0168205   | DRIVESHAFT KIT Long                            | 5.44     | 1   |      |
| 16    | 0045       | 8M0168208   | DRIVESHAFT KIT X-Long                          | 5.44     | 1   |      |
| 16    | 0045       | 8M0168210   | DRIVESHAFT KIT XX-Long                         | 5.44     | 1   |      |



## Accessories

| Ref # | Part Class | Part Number | Description                                              | Comments                  | Qty | Note |
|-------|------------|-------------|----------------------------------------------------------|---------------------------|-----|------|
| -     | 0000       | 893395A01   | PLATE Flush Mount                                        |                           | 1   |      |
| -     | 0022       | 875207      | TEE Fitting                                              |                           | 1   |      |
| -     | 0000       | 892486K08   | CONVERSION KIT Analog                                    |                           | 1   |      |
| -     | 0084       | 899785K04   | HARNESS ASSEMBLY Accessory Power (30 Feet)               |                           | 1   |      |
| -     | 0010       | 880717A01   | SCREW/SEAL KIT Gearcase                                  |                           | 1   |      |
| -     | 0084       | 88439A50    | CABLE SET Battery                                        |                           | 1   |      |
| -     | 0084       | 8M0133542   | CABLE KIT (12 ft) Battery                                |                           | 1   |      |
| -     | 0000       | 44357Q2     | FLUSHING ATTACHMENT                                      | (Quicksilver)             | 1   | [1]  |
| -     | 0000       | 44357T2     | FLUSHING ATTACHMENT                                      | (Mercury Precision Parts) | 1   | [1]  |
| -     | 0000       | 881150Q1    | FLUSH KIT Dual Water Pick Up                             | (Quicksilver)             | 1   | [2]  |
| -     | 0000       | 881150K1    | SEAL KIT Flush - Dual Water Pickup                       | (Mercury Precision Parts) | 1   | [2]  |
| -     | 0000       | 899712A01   | CABLE KIT Continuity                                     |                           | 1   |      |
| -     | 0000       | 8M0133491   | TILLER HANDLE ASSEMBLY Big Tiller Mechanical/Power Steer |                           | 1   |      |
| -     | 0000       | 8M0133492   | TILLER HANDLE ASSEMBLY Big Tiller - DTS with Power Steer |                           | 1   |      |
| -     | 0000       | 8M0141907   | CABLE KIT - THROTTLE AND SHIFT GEN II                    |                           | 1   |      |
| -     | 0000       | 8M0131810   | MP ALERT COWL KIT (Chrome Bezel)                         |                           | 1   |      |
| -     | 0000       | 8M0072341   | BEZEL MP Alert - Oval (Chrome)                           |                           | 1   |      |
| -     | 0000       | 8M0138978   | BEZEL MP Alert (Warm Fusion White)                       |                           | 1   |      |
| -     | 0000       | 8M0143359   | SOUND CONTROL KIT Advanced                               | AMS Only                  | 1   |      |
| -     | 0000       | 8M0142265   | SENSOR Oil Level                                         |                           | 1   |      |
| -     | 0084       | 8M0145987   | HARNESS KIT Re-power Plan                                |                           | 1   |      |
| -     | 0071       | 8M0142696   | SENSOR Pressure                                          | DTS                       | 1   |      |
| -     | 0000       | 8M0145165   | BLOCK WATER PRESSURE KIT Analog                          | Mechanical                | 1   |      |
| -     | 0025       | 8M0146953   | GROMMET Large Hole, Mechanical                           |                           | 1   |      |
| -     | 0025       | 8M0146954   | GROMMET Large Hole, DTS CMS                              |                           | 1   |      |
| -     | 0025       | 8M0146955   | GROMMET Large Hole, DTS                                  |                           | 1   |      |
| -     | 0032       | 825191A03   | HOSE KIT Rigging                                         |                           | 1   |      |
| -     | 0035       | 8M0135386   | FUEL FILTER KIT Boat Mounted                             |                           | 1   |      |
| -     | 0035       | 8M0126144   | FUEL FILTER                                              |                           | 1   |      |
| -     | 0084       | 8M0113732   | HARNESS ASSEMBLY DTS, Clean Power, 14 Feet               |                           | 1   |      |
| -     | 0084       | 889244T01   | HARNESS ASSEMBLY DTS Clean Power (25 Feet)               |                           | 1   |      |
| -     | 0084       | 8M0127682   | POWER HARNESS ASSEMBLY Helm (15 feet)                    |                           | 1   |      |
| -     | 0084       | 8M0127681   | POWER HARNESS ASSEMBLY Helm (10 feet)                    |                           | 1   |      |
| -     | 0084       | 896333T25   | HARNESS ASSEMBLY (25 Feet)                               |                           | 1   |      |
| -     | 0067       | 896305001   | BRACKET                                                  |                           | 1   |      |
| -     | 0067       | 896392      | WASHER                                                   |                           | 1   |      |
| -     | 0010       | 67755A22    | BOLT KIT Transom (2.50 Inch)                             |                           | 1   |      |
| -     | 0010       | 67755A26    | BOLT KIT Transom (3.50 Inch)                             |                           | 1   |      |



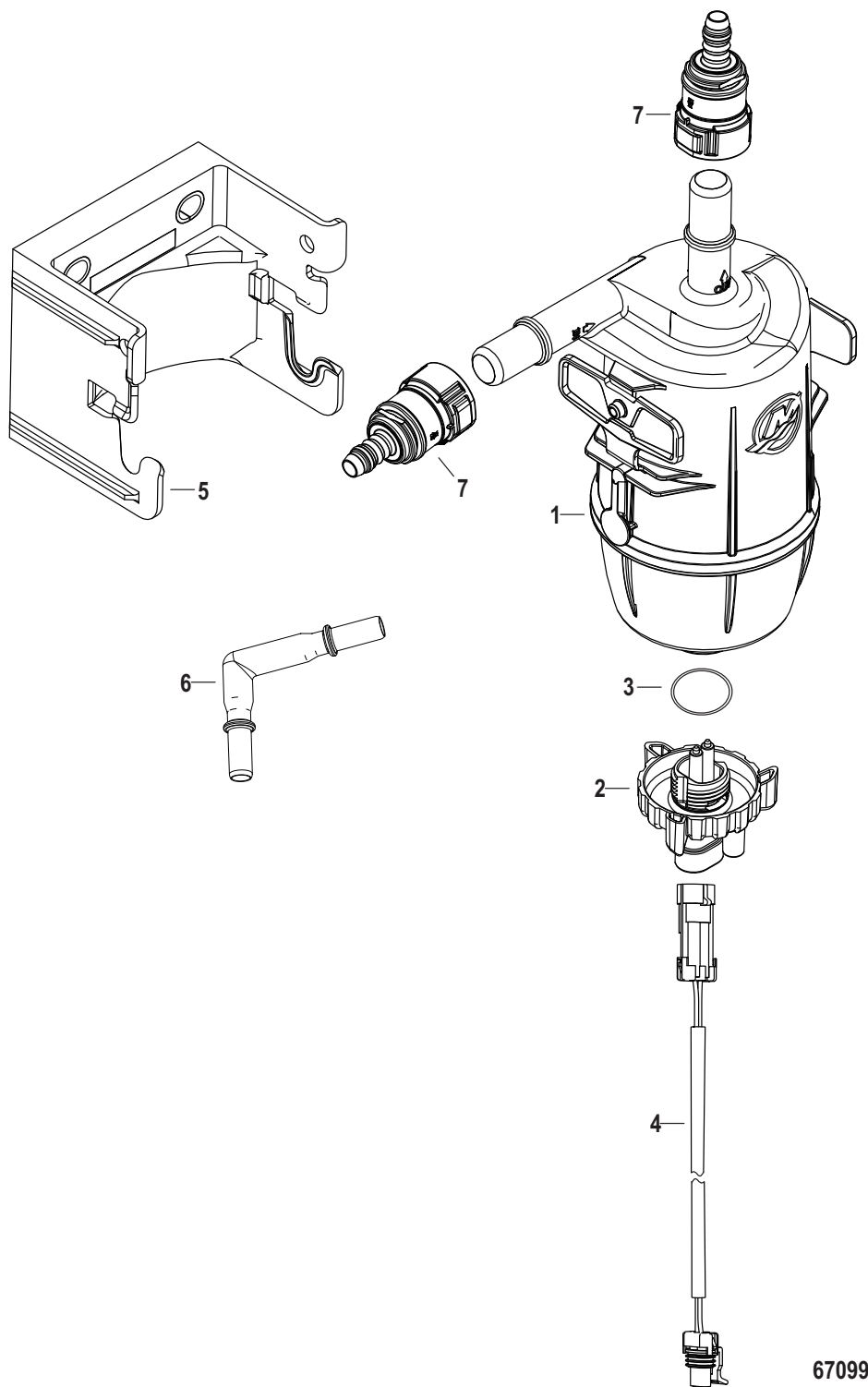
## Accessories

| Ref # | Part Class | Part Number | Description                                   | Comments  | Qty | Note |
|-------|------------|-------------|-----------------------------------------------|-----------|-----|------|
| -     | 0000       | 67755A13    | BOLT KIT Transom (4.50 Inch)                  |           | 1   |      |
| -     | 0010       | 67755A14    | BOLT KIT Transom (5.50 Inch)                  |           | 1   |      |
| -     | 0010       | 67755A15    | BOLT KIT Transom (6.50 Inch)                  |           | 1   |      |
| -     | 0010       | 67755A17    | BOLT KIT Transom (7.50 Inch)                  |           | 1   |      |
| -     | 0010       | 67755A18    | BOLT KIT Transom (8.00 Inches)                |           | 1   |      |
| -     | 0010       | 8M0149614   | BOLT KIT Transom (8.00 Inches)                | Two Bolts | 1   |      |
| -     | 0011       | 8M0109756   | DOUBLE NUT KIT Transom Bolt                   |           | 1   |      |
| -     | 0012       | 28421       | WASHER (1.5 x 3.05 x 0.13)<br>Stainless Steel |           | 1   |      |
| -     | 0012       | 895062      | WASHER                                        |           | 1   |      |
| -     | 0011       | 82671117    | NUT (.500-20)                                 |           | 1   |      |
| -     | 0079       | 8M0097226   | TACHOMETER KIT Helm Mount                     |           | 1   |      |
| -     | 0022       | 8M0150994   | FITTING CONNECTOR KIT                         |           | 1   |      |

**PART NOTES:**

- [1] - Alternate part numbers:  
44357A 2Service Part  
44357Q 2QS  
44357T 2MPP
- [2] - Alternate part numbers:  
881150K 1MPP  
881150Q 1QS

## Fuel Filter with WIF- Boat Mounted

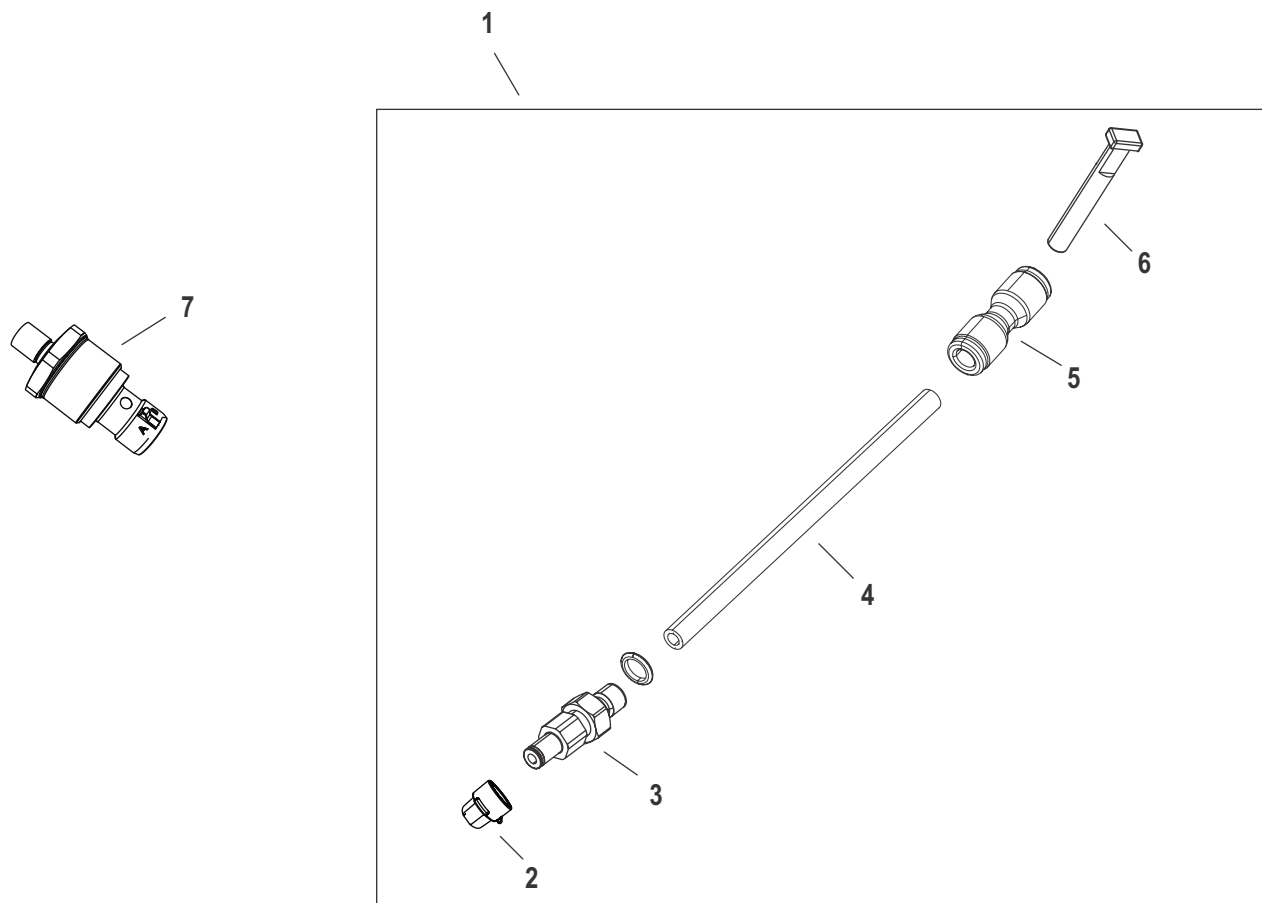


67099

**Fuel Filter with WIF- Boat Mounted**

| Ref # | Part Class | Part Number | Description                                      | Comments                              | Qty | Note |
|-------|------------|-------------|--------------------------------------------------|---------------------------------------|-----|------|
| -     | 0035       | 8M0135386   | FUEL FILTER KIT Boat Mounted                     |                                       | 1   |      |
| 1     | 0035       | 8M0126144   | FUEL FILTER                                      |                                       | 1   |      |
| 2     | 0000       | 8M0142649   | SENSOR WIF                                       |                                       | 1   |      |
| 3     | 0025       | 8M0152436   | ORING                                            |                                       | 1   |      |
| 4     | 0084       | 8M0042697   | HARNESS Fuel Filter Sensor<br>Extension (144 in) |                                       | 1   |      |
| 5     | 0000       | 8M0152423   | BRACKET Plastic Snap                             |                                       | 1   |      |
| 6     | 0022       | 8M0152433   | FITTING ELBOW                                    |                                       | 1   |      |
| 7     | 0022       | 8M0146934   | FITTING Quick Connect                            | (5/8 IN to 3/8 IN HOSE<br>CONNECTION) | 2   |      |

## Block Water Pressure Kits Analog/Digital

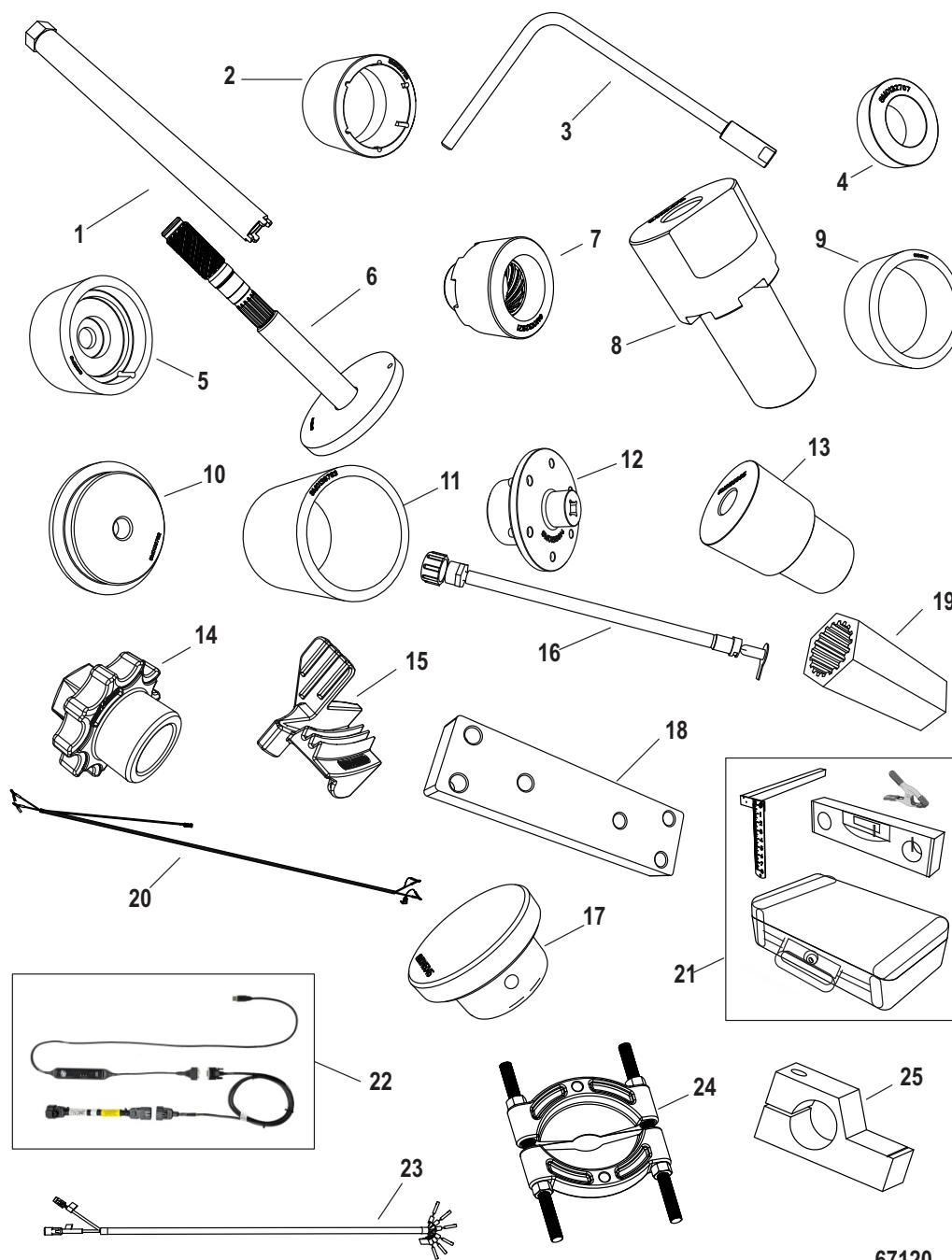


66794

**Block Water Pressure Kits Analog/Digital**

| Ref # | Part Class | Part Number | Description                        | Comments | Qty | Note |
|-------|------------|-------------|------------------------------------|----------|-----|------|
| 1     | 0000       | 8M0145165   | BLOCK WATER PRESSURE KIT<br>Analog |          | 1   |      |
| 2     | 0000       | 8M0146147   | CONNECTOR CAP 3 Pin                |          | 1   |      |
| 3     | 0022       | 896094A01   | FITTING ASSEMBLY                   |          | 1   |      |
| 4     | 0032       | 85978571    | TUBING (52.00 Inches Bulk)         |          | 1   |      |
| 5     | 0022       | 859747      | COUPLER                            |          | 1   |      |
| 6     | 0022       | 859732      | PLUG                               |          | 1   |      |
| 7     | 0071       | 8M0142696   | SENSOR Pressure                    |          | 1   |      |

## Tools



67120

## Tools

| Ref # | Part Class | Part Number | Description                          | Comments | Qty | Note |
|-------|------------|-------------|--------------------------------------|----------|-----|------|
| 1     | 0091       | 8M0142969   | SHIFT SHAFT TOOL                     |          | 1   |      |
| 2     | 0091       | 8M0142970   | ALIGNMENT TOOL Preload Driver        |          | 1   |      |
| 3     | 0091       | 8M0142973   | SHIFT SHAFT HANDLE TOOL              |          | 1   |      |
| 4     | 0091       | 8M0142974   | RETAINER PRESS FIXTURE               |          | 1   |      |
| 5     | 0091       | 8M0142976   | TOOL Press Fixture Base              |          | 1   |      |
| 6     | 0091       | 8M0142983   | SHAFT TOOL Bearing Carrier Assembly  |          | 1   |      |
| 7     | 0091       | 8M0145393   | TOOL Threaded Clutch Assembly        |          | 1   |      |
| 8     | 0091       | 8M0142559   | HOLDING FIXTURE Gear Assembly        |          | 1   |      |
| 9     | 0091       | 8M0142615   | MANDREL Press Spacer                 |          | 1   |      |
| 10    | 0091       | 8M0142624   | GUIDE PLATE Bearing Carrier          |          | 1   |      |
| 11    | 0091       | 8M0142413   | MANDREL Rear Gear Bearing Cone       |          | 1   |      |
| 12    | 0091       | 8M0142414   | TOOL Gear Assembly Driver            |          | 1   |      |
| 13    | 0091       | 8M0142636   | BEARING MANDREL                      |          | 1   |      |
| 14    | 0091       | 8M0146861   | TOOL Flywheel                        |          | 1   |      |
| 15    | 0091       | 8M0146862   | TOOL Stretch Belt                    |          | 1   |      |
| 16    | 0032       | 8M0129230   | HOSE Oil Drain                       |          | 1   |      |
| 17    | 0091       | 8M0146935   | INSTALLATION TOOL Bearing Spool      |          | 1   |      |
| 18    | 0091       | 8M0146936   | BAR MOUNT PULLER Upper               |          | 1   |      |
| 19    | 0091       | 8M0147118   | TOOL Propshaft                       |          | 1   |      |
| 20    | 0091       | 8M0147078   | INSTALLATION TOOL Trim Harness       |          | 1   |      |
| 21    | 0091       | 8M0130705   | GEARCASE HEIGHT TOOL KIT             |          | 1   |      |
| 22    | 0091       | 8M0138392   | DIAGNOSTIC TOOL KIT CDS -G3          |          | 1   |      |
| 23    | 0091       | 8M0150597   | TOOL-SHIFT ACTUATOR Test TEE Harness |          | 1   |      |
| 24    | 0091       | 8M0160428   | PULLER PLATE                         |          | 1   |      |
| NS    | 0091       | 883705T01   | STRAP TOOL Engine Lifting            |          | 1   |      |
| NS    | 0091       | 98234A2     | DRILL FIXTURE KIT Transom            |          | 1   |      |
| NS    | 0091       | 8M0147671   | TOOL ALIGNMENT PIN UPPER MOUNT       |          | 1   |      |
| NS    | 0091       | 8M0145607   | TOOL Bar Puller                      |          | 1   |      |
| NS    | 0091       | 8M0147116   | TOOL GUIDE SEAL DRIVER               |          | 1   |      |
| NS    | 0091       | 8M0149553   | TOOL Upper Mount Rod Installation    |          | 1   |      |
| NS    | 0091       | 8M0148868   | WRENCH AMS Mount                     |          | 1   |      |
| NS    | 0091       | 8M0148865   | TOOL Install Gear                    |          | 1   |      |

## Maintenance Kits

## Maintenance Kits

| Ref # | Part Class | Part Number | Description                                    | Comments | Qty | Note |
|-------|------------|-------------|------------------------------------------------|----------|-----|------|
| -     | 0000       | 8M0149929   | 100 HR MAINTENANCE KIT V6 and V8 4 stroke      |          | 1   |      |
| -     | 0035       | 8M0123025   | OIL FILTER                                     |          | 1   |      |
| -     | 0035       | 8M0106635   | FUEL FILTER                                    |          | 1   |      |
| -     | 0026       | 830749      | SEAL                                           |          | 2   |      |
| -     | 0000       | 8M0149930   | MAINTENANCE KIT 200-350 HP V6 4S (300 Hr)      |          | 1   |      |
| -     | 0035       | 8M0123025   | OIL FILTER                                     |          | 1   |      |
| -     | 0035       | 8M0106635   | FUEL FILTER                                    |          | 1   |      |
| -     | 0026       | 830749      | SEAL                                           |          | 2   |      |
| -     | 0033       | 8M0135348   | SPARK PLUGS                                    |          | 6   |      |
| -     | 0000       | 8M0162139   | THERMOSTAT ASSEMBLY                            |          | 1   |      |
| -     | 0054       | 888988008   | CLAMP (34.6 MM)                                |          | 1   |      |
| -     | 0057       | 8M0142251   | BELT                                           |          | 1   |      |
| -     | 0047       | 8M0142980   | IMPELLER REPAIR KIT                            |          | 1   |      |
| -     | 0097       | 8M0137814   | ANODE ANTIVENT PLATE                           |          | 1   |      |
| -     | 0010       | 8M0142850   | SCREW (M10 X 25)                               |          | 2   |      |
| -     | 0019       | 8M0142878   | PLUG Screw                                     |          | 2   |      |
| -     | 0097       | 818298Q1    | ANODE KIT                                      |          | 1   | [1]  |
| -     | 0010       | 4000330     | SCREW (M6 x 25)                                |          | 2   |      |
| -     | 0012       | 29245       | WASHER (.281 x .500 x .060)<br>Stainless Steel |          | 2   |      |

## PART NOTES:

- [1] - Alternate part numbers:
- 818298A 1Service Part
  - 818298Q 1QS
  - 818298T 1MPP
  - 818298T 3Magnesium
  - 8M0059343Bulk Pack

# PARTS INDEX

| Part No.  | Description                                 | Pg. | Ref.no | Part No.  | Description                                 | Pg. | Ref.no |
|-----------|---------------------------------------------|-----|--------|-----------|---------------------------------------------|-----|--------|
| 1993720   | SCREW (M6 x 20)                             | 68  | 31     | 1993720   | SCREW (M6 x 20)                             | 80  | 31     |
| 201951    | O-RING (.487 x .103)                        | 38  | 11     | 201951    | O-RING (.487 x .103)                        | 54  | 26     |
| 21836     | O-RING (.796 x .139)                        | 68  | 28     | 21836     | O-RING (.796 x .139)                        | 80  | 28     |
| 22740     | CLIP                                        | 58  | 18     | 26317     | O-RING                                      | 38  | 26     |
| 26996     | LOCKWASHER (#10) Stainless Steel            | 56  | 11     | 28421     | WASHER (1.5 x 3.05 x 0.13) Stainless Steel  | 96  | -      |
| 29245     | WASHER (.281 x .500 x .060) Stainless Steel | 58  | 28     | 29245     | WASHER (.281 x .500 x .060) Stainless Steel | 104 | -      |
| 29845     | O-RING (.924 x .103)                        | 38  | 29     | 35480     | O-RING (1.237 x .103)                       | 38  | 2      |
| 4000327   | SCREW (M6 x 14)                             | 62  | 16     | 4000330   | SCREW (M6 x 25)                             | 58  | 9      |
| 4000330   | SCREW (M6 x 25)                             | 58  | 29     | 4000330   | SCREW (M6 x 25)                             | 104 | -      |
| 40011106  | SCREW (M5 x 13) Stainless Steel             | 16  | 2      | 40011106  | SCREW (M5 x 13) Stainless Steel             | 64  | 15     |
| 40011107  | SCREW (M5 x 16) Stainless Steel             | 26  | 6      | 40011126  | SCREW (M6 x 13) Stainless Steel             | 22  | 6      |
| 40011145  | SCREW (M8 x 10) Stainless Steel             | 22  | 12     | 40011148  | SCREW (M8 x 20)                             | 22  | 19     |
| 4002315   | WASHER (6.60 X 12.5 X 1.5 mm -SS)           | 62  | 17     | 4002319   | WASHER                                      | 58  | 4      |
| 4002319   | WASHER                                      | 58  | 25     | 4002319   | WASHER                                      | 62  | 21     |
| 400256    | LOCKWASHER (M6)                             | 62  | 3      | 400257    | LOCKWASHER (M8)                             | 22  | 14     |
| 4010620   | SCREW (M6 x 20) Stainless Steel             | 26  | 2      | 4010730   | SCREW (M8 x 30)                             | 52  | 9      |
| 401386    | NUT (M6) Stainless Steel                    | 4   | 19     | 401388    | NUT (M8) Stainless Steel                    | 22  | 17     |
| 401388    | NUT (M8) Stainless Steel                    | 24  | 3      | 42118     | WASHER                                      | 18  | 52     |
| 42647A1   | BEARING ASSEMBLY Roller                     | 66  | 8      | 42975     | DRIVE SCREW                                 | 26  | 4      |
| 43026T2   | IMPELLER                                    | 68  | 25     | 43026T2   | IMPELLER                                    | 80  | 25     |
| 43430     | WASHER                                      | 22  | 7      | 44357Q2   | FLUSHING ATTACHMENT                         | 94  | -      |
| 44357T2   | FLUSHING ATTACHMENT                         | 94  | -      | 46335     | NUT (.375-24)                               | 56  | 16     |
| 58643     | LOCKWASHER (.375)                           | 56  | 14     | 65567     | WASHER (.265 x .750 x .048) Stainless Steel | 16  | 14     |
| 65567     | WASHER (.265 x .750 x .048) Stainless Steel | 32  | 2      | 65830     | NYLINER                                     | 58  | 8      |
| 67684     | RING Retaining                              | 56  | 18     | 67755A13  | BOLT KIT Transom (4.50 Inch)                | 96  | -      |
| 67755A14  | BOLT KIT Transom (5.50 Inch)                | 96  | -      | 67755A15  | BOLT KIT Transom (6.50 Inch)                | 96  | -      |
| 67755A17  | BOLT KIT Transom (7.50 Inch)                | 96  | -      | 67755A18  | BOLT KIT Transom (8.00 Inches)              | 96  | -      |
| 67755A22  | BOLT KIT Transom (2.50 Inch)                | 94  | -      | 67755A26  | BOLT KIT Transom (3.50 Inch)                | 94  | -      |
| 73286     | SCREW (.250-20 x .500) Stainless Steel      | 56  | 15     | 74036     | FITTING Grease                              | 56  | 8      |
| 77674     | WASHER                                      | 68  | 37     | 77674     | WASHER                                      | 82  | 37     |
| 79953A04  | PLUG ASSEMBLY (.375-16 x .250)              | 82  | 40     | 811613    | PLUG ASSEMBLY                               | 62  | 15     |
| 813771003 | MOUNT Lower                                 | 56  | 25     | 814653T   | BEARING ASSEMBLY Needle Rollers             | 78  | 25     |
| 815432    | WASHER (.562 x 2.00 x .125)                 | 56  | 27     | 815480    | BEARING Thrust                              | 78  | 24     |
| 816311T   | TIE STRAP (8.00 Inches)                     | 16  | 28     | 816311T   | TIE STRAP (8.00 Inches)                     | 16  | 28     |
| 816311T   | TIE STRAP (8.00 Inches)                     | 38  | 13     | 816311T   | TIE STRAP (8.00 Inches)                     | 52  | 23     |
| 816311T   | TIE STRAP (8.00 Inches)                     | 54  | 14     | 816432    | THRUST WASHER                               | 56  | 3      |
| 8164641   | SEAL Oil                                    | 68  | 36     | 8164641   | SEAL Oil                                    | 82  | 36     |
| 817275A1  | HOUSING KIT Water Pump                      | 68  | 26     | 817275A1  | HOUSING KIT Water Pump                      | 80  | 26     |
| 8172761   | FACEPLATE                                   | 66  | 23     | 8172761   | FACEPLATE                                   | 80  | 23     |
| 8172771   | GASKET                                      | 66  | 22     | 8172771   | GASKET                                      | 80  | 22     |
| 818298Q1  | ANODE KIT                                   | 58  | 27     | 818298Q1  | ANODE KIT                                   | 104 | -      |
| 81893435  | SCREW (M8 x 35)                             | 56  | 23     | 821207    | BUSHING                                     | 58  | 24     |
| 821327    | PIN Dowel                                   | 52  | 6      | 821539    | PIN Trilobe                                 | 58  | 23     |
| 8245191   | RETAINER                                    | 66  | 14     | 8245191   | RETAINER                                    | 80  | 14     |
| 82494830  | SCREW (M6 x 30)                             | 62  | 2      | 825190    | WASHER                                      | 56  | 31     |
| 825191A03 | HOSE KIT Rigging                            | 94  | -      | 825677    | PUSH NUT                                    | 26  | 10     |
| 826164    | NUT (.875-14)                               | 58  | 20     | 826365    | NUT (M8)                                    | 24  | 7      |
| 826365    | NUT (M8)                                    | 28  | 4      | 82671117  | NUT (.500-20)                               | 96  | -      |
| 830749    | SEAL                                        | 74  | 28     | 830749    | SEAL                                        | 78  | 31     |
| 830749    | SEAL                                        | 82  | 41     | 830749    | SEAL                                        | 86  | 29     |
| 830749    | SEAL                                        | 90  | 29     | 830749    | SEAL                                        | 104 | -      |
| 830749    | SEAL                                        | 104 | -      | 830899    | SPRING Tension                              | 56  | 7      |
| 830900    | SPRING Compression                          | 58  | 7      | 83296910  | FUSE Mini - Red - 10 Ampere                 | 18  | 50     |
| 8329692   | FUSE Mini - Gray - 2 Ampere                 | 18  | 50     | 832969T20 | FUSE Mini - Yellow - 20 Ampere              | 18  | 50     |
| 834985    | GROMMET                                     | 16  | 15     | 847541    | WASHER                                      | 56  | 22     |
| 85045     | O-RING (.551 x .070)                        | 64  | 4      | 852368    | SCREW (#10-24 x .750)                       | 56  | 10     |
| 855228    | CLAMP                                       | 48  | 6      | 856954    | BUSHING                                     | 16  | 17     |
| 856954    | BUSHING                                     | 34  | 21     | 856982    | WASHER (.500 x .810 x .090) Stainless Steel | 64  | 17     |
| 856982    | WASHER (.500 x .810 x .090) Stainless Steel | 92  | 6      | 856982    | WASHER (.500 x .810 x .090) Stainless Steel | 92  | 13     |
| 858771    | SCREW (M10 x 30)                            | 58  | 3      | 858771    | SCREW (M10 x 30)                            | 58  | 26     |
| 858771    | SCREW (M10 x 30)                            | 62  | 20     | 858954    | CLIP (.625)                                 | 16  | 36     |

# PARTS INDEX

| Part No.  | Description                                   | Pg. | Ref.no | Part No.  | Description                                | Pg. | Ref.no |
|-----------|-----------------------------------------------|-----|--------|-----------|--------------------------------------------|-----|--------|
| 859448T   | FITTING                                       | 16  | 29     | 85944975  | TUBING (72.00 Inches Bulk)                 | 16  | 24     |
| 85944975  | TUBING (72.00 Inches Bulk)                    | 16  | 24     | 859732    | PLUG                                       | 16  | 5      |
| 859732    | PLUG                                          | 16  | 27     | 859732    | PLUG                                       | 100 | 6      |
| 859747    | COUPLER                                       | 16  | 6      | 859747    | COUPLER                                    | 16  | 26     |
| 859747    | COUPLER                                       | 100 | 5      | 85978571  | TUBING (52.00 Inches Bulk)                 | 16  | 7      |
| 85978571  | TUBING (52.00 Inches Bulk)                    | 100 | 4      | 863006    | O-RING (10.82 x 1.78)                      | 54  | 37     |
| 863006    | O-RING (10.82 x 1.78)                         | 64  | 5      | 86614     | O-RING (1.049 x .103)                      | 38  | 20     |
| 86614     | O-RING (1.049 x .103)                         | 54  | 4      | 875207    | TEE Fitting                                | 16  | 25     |
| 875207    | TEE Fitting                                   | 94  | -      | 878264A1  | RESERVOIR KIT                              | 62  | 14     |
| 878267    | PIN                                           | 62  | 8      | 878408A1  | REPAIR KIT Power Trim                      | 62  | 19     |
| 878609    | SCREW (#10-16 x .600)                         | 58  | 16     | 879962    | CLIP                                       | 16  | 37     |
| 880699    | THRUST RING                                   | 74  | 23     | 880699    | THRUST RING                                | 78  | 26     |
| 880717A01 | SCREW/SEAL KIT Gearcase                       | 94  | -      | 880719    | RING Retaining                             | 66  | 16     |
| 880719    | RING Retaining                                | 72  | 4      | 880719    | RING Retaining                             | 76  | 4      |
| 880719    | RING Retaining                                | 80  | 16     | 880719    | RING Retaining                             | 84  | 4      |
| 880719    | RING Retaining                                | 88  | 4      | 881150K1  | SEAL KIT Flush - Dual Water Pickup         | 94  | -      |
| 881150Q1  | FLUSH KIT Dual Water Pick Up                  | 94  | -      | 881879T11 | SENSOR Pressure (0 - 100 PSI)              | 16  | 22     |
| 883705T01 | STRAP TOOL Engine Lifting                     | 102 | NS     | 88439A26  | CABLE ASSEMBLY Battery - Negative          | 22  | 20     |
| 88439A46  | CABLE ASSEMBLY Battery - Positive             | 22  | 16     | 88439A50  | CABLE SET Battery                          | 94  | -      |
| 884546    | GROMMET                                       | 32  | 6      | 884546    | GROMMET                                    | 38  | 34     |
| 885361A01 | FITTING ASSEMBLY Flush                        | 10  | 16     | 88552514  | SCREW (M6 x 14 MM) Stainless Steel         | 4   | 10     |
| 88552645  | SCREW (M8X45)                                 | 22  | 9      | 88552645  | SCREW (M8X45)                              | 24  | 5      |
| 88552645  | SCREW (M8X45)                                 | 54  | 33     | 88750     | WASHER                                     | 56  | 5      |
| 88750     | WASHER                                        | 58  | 30     | 888483    | SEAL Oil                                   | 74  | 22     |
| 888483    | SEAL Oil                                      | 78  | 29     | 888483    | SEAL Oil                                   | 86  | 25     |
| 888483    | SEAL Oil                                      | 90  | 24     | 888523001 | CLIP                                       | 38  | 37     |
| 888958001 | PLUG Flush Port                               | 10  | 13     | 888988008 | CLAMP (34.6 MM)                            | 38  | 9      |
| 888988008 | CLAMP (34.6 MM)                               | 104 | -      | 888988011 | CLAMP (38.1 MM)                            | 38  | 21     |
| 888988011 | CLAMP (38.1 MM)                               | 54  | 5      | 889244T01 | HARNESS ASSEMBLY DTS Clean Power (25 Feet) | 94  | -      |
| 889823001 | TETHER Flush Plug                             | 10  | 15     | 891663001 | SENSOR ASSEMBLY Temperature                | 16  | 19     |
| 891663001 | SENSOR ASSEMBLY Temperature                   | 36  | 23     | 892073002 | SHOULDER SCREW (M6)                        | 10  | 26     |
| 892403    | FITTING                                       | 16  | 23     | 892446    | O-RING (14 X 1.78 MM)                      | 54  | 35     |
| 892454030 | SCREW (M6 x 30)                               | 44  | 18     | 892454035 | BOLT (M6 x 36)                             | 44  | 11     |
| 892486K08 | CONVERSION KIT Analog                         | 94  | -      | 89302     | WASHER (.203 x .406 x .040)                | 56  | 12     |
| 893395A01 | PLATE Flush Mount                             | 94  | -      | 893540    | PIN Dowel, 8x12 long                       | 42  | 7      |
| 893709    | PIN                                           | 56  | 6      | 893754035 | SCREW (M6 X 35)                            | 46  | 25     |
| 895054    | SCREW (M4 x 16 MM)                            | 16  | 21     | 895054    | SCREW (M4 x 16 MM)                         | 28  | 28     |
| 895054    | SCREW (M4 x 16 MM)                            | 36  | 25     | 895062    | WASHER                                     | 96  | -      |
| 895319    | GROMMET                                       | 34  | 20     | 896094A01 | FITTING ASSEMBLY                           | 16  | 8      |
| 896094A01 | FITTING ASSEMBLY                              | 100 | 3      | 896305001 | BRACKET                                    | 94  | -      |
| 896333T25 | HARNESS ASSEMBLY (25 Feet)                    | 94  | -      | 896392    | WASHER                                     | 94  | -      |
| 896602    | NUT (M14)                                     | 56  | 28     | 896699    | O-RING (1.78 mm x .08 mm)                  | 16  | 12     |
| 896699    | O-RING (1.78 mm x .08 mm)                     | 16  | 33     | 896699    | O-RING (1.78 mm x .08 mm)                  | 18  | 55     |
| 896699    | O-RING (1.78 mm x .08 mm)                     | 42  | 32     | 896895    | NUT (M12)                                  | 64  | 18     |
| 896895    | NUT (M12)                                     | 92  | 7      | 896895    | NUT (M12)                                  | 92  | 14     |
| 897445501 | SCREW (M6 x 20 MM)                            | 20  | 3      | 898836    | O-RING Brown                               | 42  | 22     |
| 899044    | LATCH                                         | 26  | 3      | 899145    | CLIP Tie Strap                             | 16  | 31     |
| 899145    | CLIP Tie Strap                                | 32  | 21     | 899145    | CLIP Tie Strap                             | 38  | 36     |
| 899712A01 | CABLE KIT Continuity                          | 94  | -      | 899785K04 | HARNESS ASSEMBLY Accessory Power (30 Feet) | 94  | -      |
| 8M0000190 | O-RING (4.475 x .210)                         | 86  | 26     | 8M0000190 | O-RING (4.475 x .210)                      | 88  | 23     |
| 8M0005773 | SCREW (M6)                                    | 32  | 8      | 8M0008031 | STUD (M12 x 1.75 x 52)                     | 64  | 16     |
| 8M0011987 | SENSOR                                        | 18  | 43     | 8M0022161 | STUD (M8 x 71.5)                           | 24  | 8      |
| 8M0022161 | STUD (M8 x 71.5)                              | 28  | 3      | 8M0022324 | SCREW (M6 x 25 MM)                         | 10  | 21     |
| 8M0022324 | SCREW (M6 x 25 MM)                            | 48  | 4      | 8M0028753 | CLAMP Oetiker (31.6 Diameter)              | 38  | 4      |
| 8M0028753 | CLAMP Oetiker (31.6 Diameter)                 | 54  | 7      | 8M0032833 | KEY                                        | 66  | 24     |
| 8M0032833 | KEY                                           | 80  | 24     | 8M0032848 | RETAINER Switch                            | 10  | 19     |
| 8M0034870 | SEAL Swivel Tube                              | 56  | 4      | 8M0034912 | O-RING 3.78 X 21.32                        | 50  | 6      |
| 8M0036228 | O-RING (8.1 X 1.6)                            | 64  | 6      | 8M0037209 | GROMMET FSM Retainer                       | 32  | 25     |
| 8M0037225 | TRIM SWITCH Round Bezel                       | 10  | 20     | 8M0038205 | FITTING Straight                           | 52  | 10     |
| 8M0042271 | GUIDE Water Tube                              | 92  | 2      | 8M0042271 | GUIDE Water Tube                           | 92  | 9      |
| 8M0042697 | HARNESS Fuel Filter Sensor Extension (144 in) | 98  | 4      | 8M0043701 | M-ICON 39MM - Small                        | 36  | 15     |

# PARTS INDEX

| Part No.  | Description                  | Pg. | Ref.no | Part No.  | Description                        | Pg. | Ref.no |
|-----------|------------------------------|-----|--------|-----------|------------------------------------|-----|--------|
| 8M0043705 | DECAL M-Icon, 60 MM Black    | 6   | 7      | 8M0043705 | DECAL M-Icon, 60 MM Black          | 8   | 3      |
| 8M0044601 | O-RING                       | 28  | 14     | 8M0044991 | IGNITION COIL Ignition Dual Output | 20  | 5      |
| 8M0045383 | STRIKER PLATE                | 56  | 13     | 8M0045493 | PIN                                | 72  | 13     |
| 8M0045493 | PIN                          | 76  | 13     | 8M0045493 | PIN                                | 84  | 13     |
| 8M0045493 | PIN                          | 88  | 13     | 8M0045676 | BEARING Roller                     | 80  | 8      |
| 8M0046215 | CRANK, Shifter 1/4 Pivot Pin | 72  | 11     | 8M0046215 | CRANK, Shifter 1/4 Pivot Pin       | 76  | 11     |
| 8M0046215 | CRANK, Shifter 1/4 Pivot Pin | 84  | 11     | 8M0046215 | CRANK, Shifter 1/4 Pivot Pin       | 88  | 11     |
| 8M0046297 | OIL SEAL CARRIER ASSEMBLY    | 66  | 17     | 8M0046297 | OIL SEAL CARRIER ASSEMBLY          | 80  | 17     |
| 8M0046563 | RETAINING RING               | 68  | 35     | 8M0046563 | RETAINING RING                     | 82  | 35     |
| 8M0046566 | CAP                          | 32  | 12     | 8M0046569 | RING Thrust                        | 84  | 23     |
| 8M0046569 | RING Thrust                  | 88  | 22     | 8M0046636 | NUT                                | 80  | 6      |
| 8M0047301 | SEAL Flush Plug Pocket       | 10  | 14     | 8M0047718 | SCREW (M5 X 8MM)                   | 10  | 12     |
| 8M0050058 | SCREW 5/16-24 X .5           | 58  | 23     | 8M0050423 | WASHER .020                        | 72  | 18     |
| 8M0050423 | WASHER .020                  | 76  | 18     | 8M0050423 | WASHER .020                        | 84  | 18     |
| 8M0050423 | WASHER .020                  | 88  | 18     | 8M0050424 | WASHER .022                        | 72  | 18     |
| 8M0050424 | WASHER .022                  | 76  | 18     | 8M0050424 | WASHER .022                        | 84  | 18     |
| 8M0050424 | WASHER .022                  | 88  | 18     | 8M0050425 | WASHER .024                        | 72  | 18     |
| 8M0050425 | WASHER .024                  | 76  | 18     | 8M0050425 | WASHER .024                        | 84  | 18     |
| 8M0050425 | WASHER .024                  | 88  | 18     | 8M0050427 | WASHER .026                        | 72  | 18     |
| 8M0050427 | WASHER .026                  | 76  | 18     | 8M0050427 | WASHER .026                        | 84  | 18     |
| 8M0050427 | WASHER .026                  | 88  | 18     | 8M0050428 | WASHER .028                        | 72  | 18     |
| 8M0050428 | WASHER .028                  | 76  | 18     | 8M0050428 | WASHER .028                        | 84  | 18     |
| 8M0050428 | WASHER .028                  | 88  | 18     | 8M0050429 | WASHER .030                        | 72  | 18     |
| 8M0050429 | WASHER .030                  | 76  | 18     | 8M0050429 | WASHER .030                        | 84  | 18     |
| 8M0050429 | WASHER .030                  | 88  | 18     | 8M0050430 | WASHER .032                        | 72  | 18     |
| 8M0050430 | WASHER .032                  | 76  | 18     | 8M0050430 | WASHER .032                        | 84  | 18     |
| 8M0050430 | WASHER .032                  | 88  | 18     | 8M0050431 | WASHER .034                        | 72  | 18     |
| 8M0050431 | WASHER .034                  | 76  | 18     | 8M0050431 | WASHER .034                        | 84  | 18     |
| 8M0050431 | WASHER .034                  | 88  | 18     | 8M0050432 | WASHER .036                        | 72  | 18     |
| 8M0050432 | WASHER .036                  | 76  | 18     | 8M0050432 | WASHER .036                        | 84  | 18     |
| 8M0050432 | WASHER .036                  | 88  | 18     | 8M0050433 | WASHER .038                        | 72  | 18     |
| 8M0050433 | WASHER .038                  | 76  | 18     | 8M0050433 | WASHER .038                        | 84  | 18     |
| 8M0050433 | WASHER .038                  | 88  | 18     | 8M0050434 | WASHER .040                        | 72  | 18     |
| 8M0050434 | WASHER .040                  | 76  | 18     | 8M0050434 | WASHER .040                        | 84  | 18     |
| 8M0050434 | WASHER .040                  | 88  | 18     | 8M0050435 | WASHER .042                        | 72  | 18     |
| 8M0050435 | WASHER .042                  | 76  | 18     | 8M0050435 | WASHER .042                        | 84  | 18     |
| 8M0050435 | WASHER .042                  | 88  | 18     | 8M0050436 | WASHER .044                        | 72  | 18     |
| 8M0050436 | WASHER .044                  | 76  | 18     | 8M0050436 | WASHER .044                        | 84  | 18     |
| 8M0050436 | WASHER .044                  | 88  | 18     | 8M0050437 | WASHER .046                        | 72  | 18     |
| 8M0050437 | WASHER .046                  | 76  | 18     | 8M0050437 | WASHER .046                        | 84  | 18     |
| 8M0050437 | WASHER .046                  | 88  | 18     | 8M0050438 | WASHER .048                        | 72  | 18     |
| 8M0050438 | WASHER .048                  | 76  | 18     | 8M0050438 | WASHER .048                        | 84  | 18     |
| 8M0050438 | WASHER .048                  | 88  | 18     | 8M0050439 | WASHER .050                        | 74  | 18     |
| 8M0050439 | WASHER .050                  | 76  | 18     | 8M0050439 | WASHER .050                        | 84  | 18     |
| 8M0050439 | WASHER .050                  | 88  | 18     | 8M0050575 | SPRING                             | 72  | 15     |
| 8M0050575 | SPRING                       | 76  | 15     | 8M0050575 | SPRING                             | 84  | 15     |
| 8M0050575 | SPRING                       | 88  | 15     | 8M0050821 | COVER KIT Flush, Standard          | 86  | 33     |
| 8M0050821 | COVER KIT Flush, Standard    | 90  | 33     | 8M0051043 | RETAINING RING                     | 72  | 8      |
| 8M0051043 | RETAINING RING               | 76  | 7      | 8M0051043 | RETAINING RING                     | 84  | 8      |
| 8M0051043 | RETAINING RING               | 88  | 7      | 8M0053183 | ADAPTER                            | 78  | 22     |
| 8M0053726 | FSM TOP HOUSING              | 34  | 1      | 8M0053749 | REGULATOR ASSEMBLY                 | 34  | 5      |
| 8M0053755 | TUBE Suction                 | 34  | 10     | 8M0053756 | SCREW Plastite W/ HX WSR HD        | 34  | 2      |
| 8M0053823 | THRUST WASHER                | 72  | 7      | 8M0053823 | THRUST WASHER                      | 76  | 8      |
| 8M0053823 | THRUST WASHER                | 84  | 7      | 8M0053823 | THRUST WASHER                      | 88  | 8      |
| 8M0056666 | GROUND STRAP Starter         | 22  | 5      | 8M0057697 | CUBE RELAY                         | 16  | 18     |
| 8M0060141 | MANUAL RELEASE KIT           | 62  | 6      | 8M0062703 | WASHER                             | 80  | 7      |
| 8M0063267 | SHIM SET                     | 66  | 12     | 8M0063267 | SHIM SET                           | 80  | 12     |
| 8M0063268 | SHIM SET                     | 66  | 10     | 8M0063268 | SHIM SET                           | 80  | 10     |
| 8M0063269 | SHIM SET                     | 78  | 23     | 8M0063270 | SHIM SET                           | 72  | 5      |
| 8M0063270 | SHIM SET                     | 74  | 26     | 8M0063270 | SHIM SET                           | 76  | 5      |
| 8M0063270 | SHIM SET                     | 84  | 5      | 8M0063270 | SHIM SET                           | 88  | 5      |

# PARTS INDEX

| Part No.  | Description                                              | Pg. | Ref.no | Part No.  | Description                                              | Pg. | Ref.no |
|-----------|----------------------------------------------------------|-----|--------|-----------|----------------------------------------------------------|-----|--------|
| 8M0064178 | LOCK NUT                                                 | 90  | 26     | 8M0064306 | SPACER                                                   | 72  | 17     |
| 8M0064306 | SPACER                                                   | 76  | 17     | 8M0064306 | SPACER                                                   | 84  | 17     |
| 8M0064306 | SPACER                                                   | 88  | 17     | 8M0064752 | END CAP Cam Tensioner                                    | 42  | 20     |
| 8M0066130 | SCREW- HALF DOG POINT SET                                | 90  | 25     | 8M0069690 | SCREW (M10 X 1.5 X 60)                                   | 52  | 5      |
| 8M0070367 | MOUNT - TUBULAR 8MM                                      | 22  | 2      | 8M0070368 | SPACER (8.3 I.D. X 11.8 O.D.)                            | 22  | 4      |
| 8M0070369 | SPACER (8.3 I.D. X 11.8 O.D.)                            | 22  | 3      | 8M0071078 | SCREW (M6 X 85) Hex Flg                                  | 12  | 36     |
| 8M0071653 | SCREW Special                                            | 74  | 29     | 8M0071653 | SCREW Special                                            | 78  | 32     |
| 8M0071653 | SCREW Special                                            | 86  | 30     | 8M0071653 | SCREW Special                                            | 90  | 30     |
| 8M0071654 | NUT (.625-18 HX)                                         | 66  | 6      | 8M0072341 | BEZEL MP Alert - Oval (Chrome)                           | 94  | -      |
| 8M0073002 | SCREW (M6 X 20), Hex Flg                                 | 10  | 22     | 8M0074363 | CAP                                                      | 36  | 13     |
| 8M0075735 | SCREW (M6 X 30) Hex Flg                                  | 10  | 28     | 8M0076745 | SHIM SET                                                 | 72  | 18     |
| 8M0076745 | SHIM SET                                                 | 76  | 18     | 8M0076745 | SHIM SET                                                 | 84  | 18     |
| 8M0076745 | SHIM SET                                                 | 88  | 18     | 8M0080651 | SCREW (M6 x 20)                                          | 22  | 11     |
| 8M0080651 | SCREW (M6 x 20)                                          | 28  | 30     | 8M0080651 | SCREW (M6 x 20)                                          | 42  | 4      |
| 8M0082988 | SENSOR Crankshaft Position                               | 16  | 3      | 8M0084244 | PIN Dowel                                                | 68  | 38     |
| 8M0084244 | PIN Dowel                                                | 82  | 38     | 8M0084244 | PIN Dowel                                                | 92  | 4      |
| 8M0084244 | PIN Dowel                                                | 92  | 12     | 8M0084613 | C-WASHER                                                 | 58  | 17     |
| 8M0086569 | SCREW Shoulder (M8 x 1.25)                               | 42  | 14     | 8M0086888 | GROMMET FSM Harness Spacer                               | 34  | 22     |
| 8M0087447 | PLUG (10MM)                                              | 42  | 8      | 8M0087447 | PLUG (10MM)                                              | 44  | 7      |
| 8M0087451 | PLUG (18MM)                                              | 16  | 30     | 8M0087451 | PLUG (18MM)                                              | 44  | 8      |
| 8M0087451 | PLUG (18MM)                                              | 54  | 30     | 8M0087453 | PLUG (24 MM)                                             | 44  | 5      |
| 8M0087453 | PLUG (24 MM)                                             | 54  | 31     | 8M0087454 | PLUG (30 MM)                                             | 42  | 12     |
| 8M0087454 | PLUG (30 MM)                                             | 44  | 9      | 8M0090403 | COUPLING Drive                                           | 62  | 4      |
| 8M0090809 | FILTER                                                   | 32  | 14     | 8M0093068 | HOSE                                                     | 32  | 7      |
| 8M0094889 | PIN                                                      | 58  | 22     | 8M0094889 | PIN                                                      | 62  | 22     |
| 8M0096302 | GROMMET                                                  | 16  | 35     | 8M0096302 | GROMMET                                                  | 28  | 2      |
| 8M0097226 | TACHOMETER KIT Helm Mount                                | 96  | -      | 8M0103288 | PUMP ASSEMBLY High Pressure                              | 34  | 12     |
| 8M0103289 | PUMP ASSEMBLY Low Pressure                               | 34  | 13     | 8M0103804 | SCREW (M6 x 12 MM) Stainless Steel                       | 28  | 29     |
| 8M0103805 | SCREW (M6 x 16MM) Stainless Steel                        | 18  | 47     | 8M0103805 | SCREW (M6 x 16MM) Stainless Steel                        | 28  | 5      |
| 8M0103805 | SCREW (M6 x 16MM) Stainless Steel                        | 32  | 28     | 8M0103805 | SCREW (M6 x 16MM) Stainless Steel                        | 36  | 5      |
| 8M0103805 | SCREW (M6 x 16MM) Stainless Steel                        | 38  | 12     | 8M0103805 | SCREW (M6 x 16MM) Stainless Steel                        | 52  | 18     |
| 8M0103805 | SCREW (M6 x 16MM) Stainless Steel                        | 54  | 11     | 8M0103806 | SCREW (M6 x 20 MM) Stainless Steel                       | 4   | 8      |
| 8M0103806 | SCREW (M6 x 20 MM) Stainless Steel                       | 18  | 42     | 8M0103806 | SCREW (M6 x 20 MM) Stainless Steel                       | 28  | 12     |
| 8M0103806 | SCREW (M6 x 20 MM) Stainless Steel                       | 32  | 10     | 8M0103806 | SCREW (M6 x 20 MM) Stainless Steel                       | 38  | 3      |
| 8M0103806 | SCREW (M6 x 20 MM) Stainless Steel                       | 54  | 2      | 8M0103807 | SCREW (M6 x 25 MM) Stainless Steel                       | 16  | 13     |
| 8M0103807 | SCREW (M6 x 25 MM) Stainless Steel                       | 32  | 3      | 8M0103807 | SCREW (M6 x 25 MM) Stainless Steel                       | 42  | 23     |
| 8M0103808 | SCREW (M6 x 30 MM) Stainless Steel                       | 18  | 45     | 8M0103808 | SCREW (M6 x 30 MM) Stainless Steel                       | 20  | 4      |
| 8M0103809 | SCREW (M6 x 40 MM) Stainless Steel                       | 42  | 9      | 8M0103821 | SCREW                                                    | 42  | 30     |
| 8M0103823 | SCREW                                                    | 52  | 15     | 8M0106635 | FUEL FILTER                                              | 32  | 23     |
| 8M0106635 | FUEL FILTER                                              | 104 | -      | 8M0106635 | FUEL FILTER                                              | 104 | -      |
| 8M0108527 | WASHER Tab                                               | 86  | 31     | 8M0108527 | WASHER Tab                                               | 90  | 31     |
| 8M0109164 | PIN                                                      | 74  | 27     | 8M0109164 | PIN                                                      | 78  | 30     |
| 8M0109164 | PIN                                                      | 86  | 28     | 8M0109164 | PIN                                                      | 90  | 28     |
| 8M0109756 | DOUBLE NUT KIT Transom Bolt                              | 96  | -      | 8M0111653 | NUT Retainer                                             | 86  | 32     |
| 8M0111653 | NUT Retainer                                             | 90  | 32     | 8M0112869 | OIL PLUG ASSEMBLY                                        | 64  | 3      |
| 8M0112903 | GASKET Rubber Molded Steel                               | 66  | 21     | 8M0112903 | GASKET Rubber Molded Steel                               | 80  | 21     |
| 8M0113732 | HARNESS ASSEMBLY DTS, Clean Power, 14 Feet               | 94  | -      | 8M0115104 | LEVER ASSEMBLY Tilt Lock                                 | 58  | 14     |
| 8M0120073 | TUBE Water                                               | 34  | 16     | 8M0123025 | OIL FILTER                                               | 28  | 34     |
| 8M0123025 | OIL FILTER                                               | 104 | -      | 8M0123025 | OIL FILTER                                               | 104 | -      |
| 8M0124302 | SERVICE MANUAL 175-300 Hp FourStroke                     | 2   | -      | 8M0126144 | FUEL FILTER                                              | 94  | -      |
| 8M0126144 | FUEL FILTER                                              | 98  | 1      | 8M0127681 | POWER HARNESS ASSEMBLY Helm (10 feet)                    | 94  | -      |
| 8M0127682 | POWER HARNESS ASSEMBLY Helm (15 feet)                    | 94  | -      | 8M0129230 | HOSE Oil Drain                                           | 102 | 16     |
| 8M0130705 | GEARCASE HEIGHT TOOL KIT                                 | 102 | 21     | 8M0130873 | TUBE Fuel                                                | 34  | 17     |
| 8M0130877 | FSM CAP                                                  | 34  | 8      | 8M0130878 | FSM BOTTOM HOUSING                                       | 34  | 19     |
| 8M0131810 | MP ALERT COWL KIT (Chrome Bezel)                         | 94  | -      | 8M0132732 | FUEL SUPPLY MODULE                                       | 32  | 1      |
| 8M0132732 | FUEL SUPPLY MODULE                                       | 34  | -      | 8M0133370 | FSM SEAL KIT                                             | 34  | -      |
| 8M0133491 | TILLER HANDLE ASSEMBLY Big Tiller Mechanical/Power Steer | 94  | -      | 8M0133492 | TILLER HANDLE ASSEMBLY Big Tiller - DTS with Power Steer | 94  | -      |
| 8M0133542 | CABLE KIT (12 ft) Battery                                | 94  | -      | 8M0135348 | SPARK PLUGS                                              | 20  | 6      |
| 8M0135348 | SPARK PLUGS                                              | 104 | -      | 8M0135386 | FUEL FILTER KIT Boat Mounted                             | 94  | -      |
| 8M0135386 | FUEL FILTER KIT Boat Mounted                             | 98  | -      | 8M0137814 | ANODE ANTIVENT PLATE                                     | 66  | 2      |

# PARTS INDEX

| Part No.  | Description                                                    | Pg. | Ref.no | Part No.  | Description                                                    | Pg. | Ref.no |
|-----------|----------------------------------------------------------------|-----|--------|-----------|----------------------------------------------------------------|-----|--------|
| 8M0137814 | ANODE ANTIVENT PLATE                                           | 80  | 2      | 8M0137814 | ANODE ANTIVENT PLATE                                           | 104 | -      |
| 8M0137816 | THERMOSTAT                                                     | 38  | 8      | 8M0138392 | DIAGNOSTIC TOOL KIT CDS -G3                                    | 102 | 22     |
| 8M0138978 | BEZEL MP Alert (Warm Fusion White)                             | 94  | -      | 8M0141339 | BUSHING Swivel Tube Pivot                                      | 56  | 17     |
| 8M0141907 | CABLE KIT - THROTTLE AND SHIFT GEN II                          | 94  | -      | 8M0142178 | TOP COWL ASSEMBLY Black, Decaled without Horsepower            | 4   | 1      |
| 8M0142180 | TOP COWL ASSEMBLY Cold Fusion, Decaled without Horsepower      | 4   | 1      | 8M0142181 | TOP COWL ASSEMBLY Warm Fusion, Decaled without Horsepower      | 4   | 1      |
| 8M0142182 | TOP COWL ASSEMBLY Pearl Fusion, Decaled without Horsepower     | 4   | 1      | 8M0142183 | TOP COWL ASSEMBLY Sea Pro Decaled without Horsepower           | 4   | 1      |
| 8M0142184 | DECAL SET Mercury                                              | 6   | 1      | 8M0142185 | DECAL SET Sea Pro                                              | 6   | 8      |
| 8M0142189 | DECAL 175 HP                                                   | 6   | 2      | 8M0142189 | DECAL 175 HP                                                   | 8   | 4      |
| 8M0142190 | DECAL 200 HP                                                   | 6   | 3      | 8M0142190 | DECAL 200 HP                                                   | 8   | 5      |
| 8M0142191 | DECAL 225 HP                                                   | 6   | 4      | 8M0142191 | DECAL 225 HP                                                   | 8   | 6      |
| 8M0142194 | DECAL 200 HP                                                   | 6   | 9      | 8M0142194 | DECAL 200 HP                                                   | 8   | 7      |
| 8M0142211 | ACCENT COWL ASSEMBLY Redline Red                               | 8   | 1      | 8M0142212 | ACCENT COWL ASSEMBLY Pacific Blue                              | 8   | 1      |
| 8M0142213 | ACCENT COWL ASSEMBLY Mercury Silver                            | 8   | 1      | 8M0142214 | ACCENT COWL ASSEMBLY Graphite Grey                             | 8   | 1      |
| 8M0142215 | ACCENT COWL ASSEMBLY Pro Black                                 | 8   | 1      | 8M0142216 | ACCENT COWL ASSEMBLY Ready to Paint                            | 8   | 1      |
| 8M0142217 | LOWER COWL ASSEMBLY Black, Port and Starboard                  | 10  | 1      | 8M0142220 | LOWER COWL ASSEMBLY Cold Fusion, Port and Starboard            | 10  | 1      |
| 8M0142221 | LOWER COWL ASSEMBLY Warm Fusion, Port and Starboard            | 10  | 1      | 8M0142222 | LOWER COWL ASSEMBLY Pearl Fusion, Port and Starboard           | 10  | 1      |
| 8M0142223 | LOWER REAR COWL ASSEMBLY Black                                 | 12  | 39     | 8M0142225 | LOWER REAR COWL ASSEMBLY Cold Fusion, White                    | 12  | 39     |
| 8M0142226 | LOWER REAR COWL ASSEMBLY Warm Fusion                           | 12  | 39     | 8M0142227 | LOWER REAR COWL ASSEMBLY Pearl Fusion                          | 12  | 39     |
| 8M0142228 | LOWER FRONT COWL ASSEMBLY Black                                | 10  | 23     | 8M0142230 | LOWER FRONT COWL ASSEMBLY Cold Fusion                          | 10  | 23     |
| 8M0142231 | LOWER FRONT COWL ASSEMBLY Warm Fusion                          | 10  | 23     | 8M0142232 | LOWER FRONT COWL ASSEMBLY Pearl Fusion                         | 10  | 23     |
| 8M0142233 | DOOR ASSEMBLY Black                                            | 4   | 12     | 8M0142234 | DOOR ASSEMBLY Cold Fusion                                      | 4   | 12     |
| 8M0142235 | DOOR ASSEMBLY Warm Fusion                                      | 4   | 12     | 8M0142236 | DOOR ASSEMBLY Pearl Fusion                                     | 4   | 12     |
| 8M0142243 | COWL LATCH ASSEMBLY                                            | 4   | 7      | 8M0142244 | FLYWHEEL                                                       | 14  | 1      |
| 8M0142246 | AIR INLET ASSEMBLY                                             | 36  | 11     | 8M0142248 | ALTERNATOR 85 AMP                                              | 24  | 1      |
| 8M0142251 | BELT                                                           | 24  | 6      | 8M0142251 | BELT                                                           | 104 | -      |
| 8M0142252 | TAPPET (3.375)                                                 | 46  | 23     | 8M0142253 | SHIFT ACTUATOR                                                 | 64  | 8      |
| 8M0142254 | ENGINE HARNESS Mechanical                                      | 16  | 1      | 8M0142255 | TAPPET (3.390)                                                 | 46  | 23     |
| 8M0142256 | TAPPET (3.405)                                                 | 46  | 23     | 8M0142257 | TAPPET (3.420)                                                 | 46  | 23     |
| 8M0142258 | TAPPET (3.435)                                                 | 46  | 23     | 8M0142261 | TAPPET (3.450)                                                 | 46  | 23     |
| 8M0142262 | ENGINE HARNESS DTS                                             | 16  | 1      | 8M0142263 | TAPPET (3.465)                                                 | 46  | 23     |
| 8M0142264 | FUEL INJECTOR                                                  | 32  | 13     | 8M0142265 | SENSOR Oil Level                                               | 94  | -      |
| 8M0142270 | GASKET Cylinder Head, Port                                     | 46  | 26     | 8M0142271 | GASKET Cylinder Head, Starboard                                | 46  | 26     |
| 8M0142274 | GASKET                                                         | 52  | 16     | 8M0142275 | GASKET                                                         | 52  | 7      |
| 8M0142276 | THROTTLE BODY ASSEMBLY 64 MM                                   | 36  | 7      | 8M0142277 | TAPPET (3.480)                                                 | 46  | 23     |
| 8M0142278 | LONG BLOCK                                                     | 42  | -      | 8M0142278 | LONG BLOCK                                                     | 46  | -      |
| 8M0142278 | LONG BLOCK                                                     | 50  | -      | 8M0142285 | SEAL Spark Plug                                                | 48  | 3      |
| 8M0142286 | CAMSHAFT COVER ASSEMBLY Port                                   | 48  | 1      | 8M0142287 | CAMSHAFT COVER ASSEMBLY Starboard                              | 48  | 1      |
| 8M0142288 | SEAL Camshaft Cover, Port                                      | 48  | 2      | 8M0142289 | SEAL Camshaft Cover, Starboard                                 | 48  | 2      |
| 8M0142290 | CAP Oil                                                        | 28  | 8      | 8M0142291 | TAPPET (3.495)                                                 | 46  | 23     |
| 8M0142292 | TAPPET (3.510)                                                 | 46  | 23     | 8M0142293 | GEAR HOUSING ASSEMBLY Black (Standard Long) (1.85)             | 66  | -      |
| 8M0142293 | GEAR HOUSING ASSEMBLY Black (Standard Long) (1.85)             | 72  | -      | 8M0142294 | GEAR HOUSING ASSEMBLY Silver (Standard Long) (1.85)            | 66  | -      |
| 8M0142294 | GEAR HOUSING ASSEMBLY Silver (Standard Long) (1.85)            | 72  | -      | 8M0142295 | GEAR HOUSING ASSEMBLY Black (Standard X-Long) (1.85)           | 66  | -      |
| 8M0142295 | GEAR HOUSING ASSEMBLY Black (Standard X-Long) (1.85)           | 72  | -      | 8M0142296 | GEAR HOUSING ASSEMBLY Silver (Standard X-Long) (1.85)          | 66  | -      |
| 8M0142296 | GEAR HOUSING ASSEMBLY Silver (Standard X-Long) (1.85)          | 72  | -      | 8M0142297 | GEAR HOUSING ASSEMBLY Black (Counter Rotation X-Long) (1.85)   | 66  | -      |
| 8M0142297 | GEAR HOUSING ASSEMBLY Black (Counter Rotation X-Long) (1.85)   | 76  | -      | 8M0142298 | GEAR HOUSING ASSEMBLY Silver (Counter Rotation X-Long) (1.85)  | 66  | -      |
| 8M0142298 | GEAR HOUSING ASSEMBLY Silver (Counter Rotation X-Long) (1.85)  | 76  | -      | 8M0142299 | GEAR HOUSING ASSEMBLY Silver (Standard XX-Long) (1.85)         | 66  | -      |
| 8M0142299 | GEAR HOUSING ASSEMBLY Silver (Standard XX-Long) (1.85)         | 72  | -      | 8M0142300 | GEAR HOUSING ASSEMBLY Black (Standard XX-Long) (1.85)          | 66  | -      |
| 8M0142300 | GEAR HOUSING ASSEMBLY Black (Standard XX-Long) (1.85)          | 72  | -      | 8M0142301 | GEAR HOUSING ASSEMBLY Black (Counter Rotation XX-Long) (1.85)  | 66  | -      |
| 8M0142301 | GEAR HOUSING ASSEMBLY Black (Counter Rotation XX-Long) (1.85)  | 76  | -      | 8M0142302 | GEAR HOUSING ASSEMBLY Silver (Counter Rotation XX-Long) (1.85) | 66  | -      |
| 8M0142302 | GEAR HOUSING ASSEMBLY Silver (Counter Rotation XX-Long) (1.85) | 76  | -      | 8M0142303 | GEAR HOUSING ASSEMBLY Black (Standard Long) (1.85) (SeaPro)    | 80  | -      |

# PARTS INDEX

| Part No.  | Description                                                           | Pg. | Ref.no | Part No.  | Description                                                           | Pg. | Ref.no |
|-----------|-----------------------------------------------------------------------|-----|--------|-----------|-----------------------------------------------------------------------|-----|--------|
| 8M0142303 | GEAR HOUSING ASSEMBLY Black (Standard Long) (1.85) (SeaPro)           | 84  | -      | 8M0142304 | GEAR HOUSING ASSEMBLY Black (Standard X-Long) (1.85) (SeaPro)         | 80  | -      |
| 8M0142304 | GEAR HOUSING ASSEMBLY Black (Standard X-Long) (1.85) (SeaPro)         | 84  | -      | 8M0142305 | GEAR HOUSING ASSEMBLY Black (Counter Rotation X-Long) (1.85) (SeaPro) | 80  | -      |
| 8M0142305 | GEAR HOUSING ASSEMBLY Black (Counter Rotation X-Long) (1.85) (SeaPro) | 88  | -      | 8M0142341 | POWER TRIM ASSEMBLY                                                   | 58  | 21     |
| 8M0142341 | POWER TRIM ASSEMBLY                                                   | 62  | -      | 8M0142343 | CYLINDER BLOCK                                                        | 42  | 1      |
| 8M0142346 | SCREW (M11 x 107 MM) 12 POINT HEX HEAD                                | 42  | 11     | 8M0142347 | SCREW (M10 x 96 MM) HEX FLG HD                                        | 42  | 10     |
| 8M0142348 | GASKET Cover Plate                                                    | 42  | 2      | 8M0142349 | COVER                                                                 | 42  | 3      |
| 8M0142351 | BEARING Connecting Rod, Blue                                          | 50  | 8      | 8M0142352 | PLUG 18 MM                                                            | 42  | 5      |
| 8M0142353 | O-RING (0.614 x 0.070)                                                | 42  | 6      | 8M0142354 | VALVE Seat, Intake                                                    | 44  | 2      |
| 8M0142355 | VALVE Seat, Exhaust                                                   | 44  | 3      | 8M0142357 | PLUG 21 MM Special                                                    | 44  | 6      |
| 8M0142358 | VALVE Guide                                                           | 44  | 4      | 8M0142359 | SEAL Valve                                                            | 44  | 15     |
| 8M0142360 | SPRING                                                                | 44  | 14     | 8M0142361 | VALVE Intake                                                          | 44  | 16     |
| 8M0142362 | VALVE Exhaust                                                         | 44  | 17     | 8M0142363 | RETAINER                                                              | 44  | 13     |
| 8M0142364 | VALVE Key                                                             | 44  | 12     | 8M0142365 | TAPPET (3.000)                                                        | 44  | 23     |
| 8M0142366 | CHAIN Cam to Cam                                                      | 44  | 20     | 8M0142367 | TENSIONER                                                             | 44  | 19     |
| 8M0142368 | O-RING (230 2.484 x .139)                                             | 46  | 27     | 8M0142369 | SCREW (M10 x 107) TORX FLG HD                                         | 46  | 24     |
| 8M0142370 | CAMSHAFT Intake, Starboard                                            | 44  | 22     | 8M0142371 | DECAL Read Manual, Black                                              | 12  | 41     |
| 8M0142372 | CAMSHAFT Exhaust, Starboard                                           | 44  | 21     | 8M0142373 | CAMSHAFT Intake, Port                                                 | 44  | 22     |
| 8M0142374 | CAMSHAFT Exhaust, Port                                                | 44  | 21     | 8M0142375 | CONNECTING ROD                                                        | 50  | 12     |
| 8M0142379 | SEAL Main Bearing                                                     | 50  | 4      | 8M0142380 | WASHER THRUST                                                         | 50  | 7      |
| 8M0142381 | PISTON RING ASSEMBLY                                                  | 50  | 10     | 8M0142383 | CIRCLIP                                                               | 50  | 11     |
| 8M0142384 | SCREW (M8 x 42) HX FLG HEAD                                           | 14  | 2      | 8M0142385 | SPACER                                                                | 50  | 5      |
| 8M0142386 | RING RETAINING                                                        | 50  | 3      | 8M0142387 | CRANKSHAFT                                                            | 50  | 1      |
| 8M0142389 | PLUG Flywheel                                                         | 14  | 3      | 8M0142390 | SPROCKET Camshaft                                                     | 42  | 18     |
| 8M0142391 | SPROCKET Idler                                                        | 42  | 27     | 8M0142392 | GUIDE Moveable                                                        | 42  | 15     |
| 8M0142393 | GUIDE Cam Drive                                                       | 42  | 13     | 8M0142394 | TENSIONER ASSEMBLY Timing Chain                                       | 42  | 21     |
| 8M0142395 | CAM BOLT M12 Special Left Hand                                        | 42  | 17     | 8M0142396 | IDLER Journal                                                         | 42  | 26     |
| 8M0142397 | BUSHING Idler                                                         | 42  | 25     | 8M0142398 | SCREW (M8 x 45) HEX FL                                                | 42  | 24     |
| 8M0142399 | CHAIN CAM DRIVE                                                       | 42  | 19     | 8M0142400 | GUIDE SHORT SPAN                                                      | 42  | 16     |
| 8M0142401 | SCREW (M6) HX FL REDUCED HEAD                                         | 28  | 39     | 8M0142402 | OIL PICK UP ASSEMBLY                                                  | 28  | 41     |
| 8M0142403 | OIL PUMP ASSEMBLY                                                     | 28  | 36     | 8M0142407 | SCREW (M6) HEX SOCKET FLAT X 16 LG                                    | 28  | 38     |
| 8M0142408 | DOWEL Pin                                                             | 28  | 37     | 8M0142413 | MANDREL Rear Gear Bearing Cone                                        | 102 | 11     |
| 8M0142414 | TOOL Gear Assembly Driver                                             | 102 | 12     | 8M0142430 | HOSE Fuel Filter to FSM                                               | 32  | 24     |
| 8M0142431 | TAPPET (3.015)                                                        | 44  | 23     | 8M0142432 | HOSE Intake to FSM                                                    | 32  | 4      |
| 8M0142435 | COUPLING Water Pump                                                   | 68  | 27     | 8M0142435 | COUPLING Water Pump                                                   | 80  | 27     |
| 8M0142436 | HOSE ASSEMBLY Manifold Ref Upper                                      | 32  | 5      | 8M0142437 | HOSE ASSEMBLY FSM To Fuel Rail                                        | 32  | 17     |
| 8M0142438 | TAPPET (3.075)                                                        | 44  | 23     | 8M0142439 | TAPPET (3.030)                                                        | 44  | 23     |
| 8M0142440 | TAPPET (3.045)                                                        | 44  | 23     | 8M0142441 | TAPPET (3.060)                                                        | 44  | 23     |
| 8M0142442 | HOSE ASSEMBLY FSM To Port Rail                                        | 32  | 16     | 8M0142443 | TAPPET (3.120)                                                        | 44  | 23     |
| 8M0142444 | HOSE ASSEMBLY FSM To Starboard Rail                                   | 32  | 18     | 8M0142445 | CLIP                                                                  | 32  | 20     |
| 8M0142446 | HOSE ASSEMBLY Cowl to FSM                                             | 32  | 22     | 8M0142447 | TAPPET (3.135)                                                        | 44  | 23     |
| 8M0142448 | LIFTING EYE Starboard                                                 | 42  | 28     | 8M0142450 | O-RING (70 Durometer)                                                 | 28  | 21     |
| 8M0142452 | O-RING (70 Durometer)                                                 | 28  | 20     | 8M0142453 | FITTING                                                               | 28  | 33     |
| 8M0142454 | OIL DRIP TRAY                                                         | 28  | 24     | 8M0142455 | BRACKET Fuse Box                                                      | 18  | 51     |
| 8M0142456 | FITTING                                                               | 28  | 26     | 8M0142457 | HOSE Drip tray                                                        | 28  | 25     |
| 8M0142460 | SCREW (M8 x 45) HEX FLG                                               | 24  | 14     | 8M0142464 | TAPPET (3.150)                                                        | 44  | 23     |
| 8M0142465 | TAPPET (3.165)                                                        | 44  | 23     | 8M0142466 | TAPPET (3.180)                                                        | 44  | 23     |
| 8M0142467 | BRACKET Oil Fill                                                      | 28  | 1      | 8M0142468 | TUBE Oil Fill                                                         | 28  | 13     |
| 8M0142469 | HOSE Oil Fill                                                         | 28  | 11     | 8M0142470 | GROMMET                                                               | 28  | 7      |
| 8M0142471 | GROMMET (0.375 IN)                                                    | 28  | 18     | 8M0142472 | HOSE Port to Starboard Breather                                       | 48  | 5      |
| 8M0142473 | HOSE Starboard Breather to Intake                                     | 48  | 7      | 8M0142478 | NECK Oil Fill                                                         | 28  | 6      |
| 8M0142480 | TUBE Dipstick- Upper                                                  | 28  | 15     | 8M0142481 | O-RING (0.362 x 0.103)                                                | 28  | 16     |
| 8M0142482 | GASKET Adapter                                                        | 28  | 31     | 8M0142483 | ADAPTER Oil Filter                                                    | 28  | 32     |
| 8M0142484 | BRACKET Oil Filter                                                    | 28  | 22     | 8M0142485 | SCREW (M6) HX FLG                                                     | 28  | 23     |
| 8M0142486 | HOSE ASSEMBLY                                                         | 38  | 35     | 8M0142487 | TAPPET (3.195)                                                        | 44  | 23     |
| 8M0142488 | TAPPET (3.210)                                                        | 44  | 23     | 8M0142489 | TAPPET (3.225)                                                        | 44  | 23     |
| 8M0142490 | TAPPET (3.240)                                                        | 44  | 23     | 8M0142491 | TAPPET (3.255)                                                        | 46  | 23     |
| 8M0142492 | TAPPET (3.105)                                                        | 44  | 23     | 8M0142494 | FITTING                                                               | 38  | 1      |
| 8M0142495 | TAPPET (3.090)                                                        | 44  | 23     | 8M0142496 | HOSE ASSEMBLY Water Outlet, Port                                      | 38  | 40     |
| 8M0142497 | FITTING Flush Drain                                                   | 38  | 41     | 8M0142498 | HOSE ASSEMBLY Water Outlet, Starboard                                 | 38  | 33     |

# PARTS INDEX

| Part No.  | Description                                                               | Pg. | Ref.no | Part No.  | Description                   | Pg. | Ref.no |
|-----------|---------------------------------------------------------------------------|-----|--------|-----------|-------------------------------|-----|--------|
| 8M0142499 | REDUCER Lower Relief Muffler                                              | 54  | 38     | 8M0142501 | GROMMET                       | 38  | 17     |
| 8M0142503 | HOSE Cooling                                                              | 38  | 5      | 8M0142506 | FITTING Connector             | 38  | 23     |
| 8M0142507 | YFITTING                                                                  | 38  | 25     | 8M0142509 | FITTING Connector             | 40  | 47     |
| 8M0142510 | FITTING                                                                   | 38  | 28     | 8M0142511 | HOSE                          | 38  | 16     |
| 8M0142512 | FITTING Strainer                                                          | 38  | 10     | 8M0142513 | HOSE                          | 38  | 14     |
| 8M0142514 | FITTING Inlet                                                             | 38  | 19     | 8M0142515 | STRAINER Water                | 38  | 18     |
| 8M0142516 | FITTING Barbed                                                            | 38  | 6      | 8M0142517 | O-RING (23.6 MM ID X 2.9 MM)  | 38  | 7      |
| 8M0142518 | HOSE ASSEMBLY                                                             | 38  | 30     | 8M0142519 | TAPPET (3.270)                | 46  | 23     |
| 8M0142520 | TAPPET (3.285)                                                            | 46  | 23     | 8M0142521 | TAPPET (3.300)                | 46  | 23     |
| 8M0142522 | FITTING Barbed                                                            | 38  | 31     | 8M0142523 | O-RING (8.1 MM ID X 1.6MM)    | 38  | 32     |
| 8M0142524 | HOSE                                                                      | 38  | 38     | 8M0142525 | TAPPET (3.315)                | 46  | 23     |
| 8M0142526 | DECAL Maintenance Schedule                                                | 16  | 40     | 8M0142527 | TAPPET (3.330)                | 46  | 23     |
| 8M0142528 | HOSE ASSEMBLY                                                             | 40  | 42     | 8M0142529 | HOSE                          | 40  | 44     |
| 8M0142530 | HOSE ASSEMBLY                                                             | 40  | 43     | 8M0142531 | CLIP                          | 40  | 46     |
| 8M0142532 | TAPPET (3.345)                                                            | 46  | 23     | 8M0142533 | SCREW (M8 x 85)               | 54  | 32     |
| 8M0142534 | FITTING Sprayer                                                           | 54  | 34     | 8M0142535 | MANIFOLD Exhaust              | 54  | 29     |
| 8M0142536 | FITTING Sprayer                                                           | 54  | 36     | 8M0142537 | GASKET Exhaust Manifold       | 46  | 28     |
| 8M0142538 | COUPLING                                                                  | 54  | 28     | 8M0142539 | BEARING Connecting Rod, Green | 50  | 8      |
| 8M0142541 | CLAMP (93.7 MM DIA)                                                       | 54  | 27     | 8M0142542 | SENSOR Temperature            | 16  | 11     |
| 8M0142542 | SENSOR Temperature                                                        | 42  | 31     | 8M0142548 | GASKET Intake Manifold        | 36  | 18     |
| 8M0142550 | BRACKET MAP Sensor                                                        | 36  | 9      | 8M0142553 | SCREW (M6 x 37)               | 36  | 20     |
| 8M0142554 | SCREW (M6 x 30)                                                           | 36  | 21     | 8M0142555 | SCREW (M6 x 30)               | 36  | 22     |
| 8M0142557 | FUEL RAIL ASSEMBLY Port                                                   | 32  | 11     | 8M0142558 | FUEL RAIL ASSEMBLY Starboard  | 32  | 11     |
| 8M0142559 | HOLDING FIXTURE Gear Assembly                                             | 102 | 8      | 8M0142560 | MANIFOLD Intake, Starboard    | 36  | 17     |
| 8M0142561 | GASKET Runner Plenum                                                      | 36  | 19     | 8M0142562 | COVER Bedplate                | 36  | 1      |
| 8M0142563 | GASKET Crankcase Cover                                                    | 36  | 3      | 8M0142564 | GASKET Throttle Body          | 36  | 2      |
| 8M0142565 | MANIFOLD Intake, Port                                                     | 36  | 17     | 8M0142566 | HOSE MAP Sensor               | 36  | 26     |
| 8M0142567 | ISOLATOR ASSEMBLY                                                         | 36  | 4      | 8M0142568 | GASKET Throttle Body          | 36  | 6      |
| 8M0142569 | DECAL Warning                                                             | 36  | 27     | 8M0142570 | DECAL Check Engine Oil        | 30  | 43     |
| 8M0142571 | CLAMP (70-90 MM) 9 MM WIDE                                                | 36  | 12     | 8M0142575 | PISTON ASSEMBLY               | 50  | 9      |
| 8M0142577 | DECAL Read Manual, Clear                                                  | 12  | 41     | 8M0142578 | GASKET MAT Sensor             | 36  | 24     |
| 8M0142582 | RIGGING DOOR Black                                                        | 12  | 35     | 8M0142583 | RIGGING DOOR Warm Fusion      | 12  | 35     |
| 8M0142585 | CLAMP                                                                     | 32  | 15     | 8M0142586 | RIGGING DOOR Cold Fusion      | 12  | 35     |
| 8M0142587 | PLUG Lower Relief Muffler                                                 | 82  | 42     | 8M0142588 | RIGGING DOOR Pearl Fusion     | 12  | 35     |
| 8M0142591 | MOTOR KIT                                                                 | 62  | 1      | 8M0142597 | BEARING Connecting Rod, White | 50  | 8      |
| 8M0142600 | LIFTING EYE Port                                                          | 42  | 29     | 8M0142601 | DIPSTICK                      | 28  | 35     |
| 8M0142602 | TUBE Dipstick                                                             | 28  | 17     | 8M0142604 | COVER Fuel Rail, Port         | 32  | 9      |
| 8M0142605 | COVER Fuel Rail, Starboard                                                | 32  | 19     | 8M0142606 | TUBE                          | 28  | 19     |
| 8M0142608 | COVER Electrical Plate                                                    | 16  | 39     | 8M0142610 | HOSE Thermostat Outlet        | 38  | 15     |
| 8M0142612 | HOSE                                                                      | 38  | 22     | 8M0142613 | TAPPET (3.360)                | 46  | 23     |
| 8M0142615 | MANDREL Press Spacer                                                      | 102 | 9      | 8M0142617 | HOSE                          | 38  | 39     |
| 8M0142618 | HOSE                                                                      | 52  | 24     | 8M0142619 | HOSE                          | 52  | 21     |
| 8M0142620 | HOSE                                                                      | 38  | 24     | 8M0142621 | HOSE                          | 38  | 27     |
| 8M0142624 | GUIDE PLATE Bearing Carrier                                               | 102 | 10     | 8M0142636 | BEARING MANDREL               | 102 | 13     |
| 8M0142637 | PARTS MANUAL 175/200/225 3.4L V6 4 Stroke/<br>200 3.4L V6 4 Stroke SEAPRO | 2   | -      | 8M0142640 | PCM 175 V6 DTS                | 18  | 46     |
| 8M0142641 | PCM 175 V6 MECH                                                           | 18  | 46     | 8M0142644 | PCM 200 V6 DTS                | 18  | 46     |
| 8M0142645 | PCM 200 V6 MECH                                                           | 18  | 46     | 8M0142646 | PCM 200 V6 SEAPRO DTS         | 18  | 46     |
| 8M0142647 | PCM 200 V6 SEAPRO MECH                                                    | 18  | 46     | 8M0142648 | PCM 225 V6 DTS                | 18  | 46     |
| 8M0142649 | SENSOR WIF                                                                | 98  | 2      | 8M0142650 | PCM 225 V6 MECH               | 18  | 46     |
| 8M0142659 | SEAL                                                                      | 66  | 20     | 8M0142659 | SEAL                          | 80  | 20     |
| 8M0142665 | SPARK PLUG WIRES                                                          | 20  | 1      | 8M0142666 | TAPPET (3.525)                | 46  | 23     |
| 8M0142667 | TAPPET (3.540)                                                            | 46  | 23     | 8M0142668 | TAPPET (3.555)                | 46  | 23     |
| 8M0142669 | TAPPET (3.570)                                                            | 46  | 23     | 8M0142670 | TAPPET (3.585)                | 46  | 23     |
| 8M0142671 | GUIDE                                                                     | 20  | 2      | 8M0142672 | BRACKET Alternator            | 24  | 13     |
| 8M0142673 | BRACKET Alternator                                                        | 24  | 12     | 8M0142674 | WASHER Plain                  | 24  | 10     |
| 8M0142675 | CABLE ASSEMBLY Fusable Link                                               | 24  | 4      | 8M0142676 | MOUNT                         | 24  | 9      |
| 8M0142677 | SCREW (M8 x 85)                                                           | 24  | 15     | 8M0142678 | CABLE ASSEMBLY Ground         | 24  | 11     |
| 8M0142679 | STARTER                                                                   | 22  | 1      | 8M0142680 | BRACKET HOT STUD              | 22  | 10     |
| 8M0142681 | CABLE ASSEMBLY Starter-Positive                                           | 22  | 15     | 8M0142682 | WIRE HARNESS Trim             | 58  | 31     |
| 8M0142683 | WIRE HARNESS Coil Adapter                                                 | 20  | 7      | 8M0142684 | RELAY HOUSING                 | 16  | 16     |

# PARTS INDEX

| Part No.  | Description                 | Pg. | Ref.no | Part No.  | Description                | Pg. | Ref.no |
|-----------|-----------------------------|-----|--------|-----------|----------------------------|-----|--------|
| 8M0142685 | PLATE Electrical            | 16  | 38     | 8M0142686 | SCREW (M6 x 25)            | 16  | 34     |
| 8M0142687 | COVER Hot Stud              | 22  | 21     | 8M0142688 | SENSOR Pressure            | 18  | 54     |
| 8M0142689 | SENSOR Temperature          | 16  | 32     | 8M0142690 | SENSOR MAP                 | 18  | 56     |
| 8M0142690 | SENSOR MAP                  | 36  | 8      | 8M0142691 | BRACKET Cam Sensor         | 18  | 44     |
| 8M0142695 | SENSOR Oxygen               | 16  | 20     | 8M0142695 | SENSOR Oxygen              | 18  | 41     |
| 8M0142696 | SENSOR Pressure             | 16  | 10     | 8M0142696 | SENSOR Pressure            | 94  | -      |
| 8M0142696 | SENSOR Pressure             | 100 | 7      | 8M0142698 | TAPPET (3.600)             | 46  | 23     |
| 8M0142699 | TAPPET (3.615)              | 46  | 23     | 8M0142700 | TAPPET (3.630)             | 46  | 23     |
| 8M0142701 | TAPPET (3.645)              | 46  | 23     | 8M0142702 | TAPPET (3.660)             | 46  | 23     |
| 8M0142703 | TAPPET (3.675)              | 46  | 23     | 8M0142704 | TAPPET (3.690)             | 46  | 23     |
| 8M0142705 | ADAPTER PLATE               | 52  | 1      | 8M0142706 | MOUNT UPPER                | 52  | 14     |
| 8M0142707 | PLATE                       | 52  | 25     | 8M0142708 | SCREW (M6)                 | 52  | 19     |
| 8M0142710 | DRAIN Cowl                  | 52  | 26     | 8M0142711 | WASHER (28.4 MM x 1.6 MM)  | 52  | 13     |
| 8M0142712 | O-RING (0.796 x 0.139)      | 68  | 30     | 8M0142712 | O-RING (0.796 x 0.139)     | 80  | 30     |
| 8M0142713 | CAP Chap Support            | 64  | 2      | 8M0142714 | FITTING                    | 64  | 11     |
| 8M0142715 | BRACKET Bib Mount           | 64  | 13     | 8M0142716 | INSERT                     | 64  | 14     |
| 8M0142719 | STRAINER ASSEMBLY           | 54  | 9      | 8M0142720 | SEAL                       | 54  | 10     |
| 8M0142721 | GROMMET Exhaust             | 54  | 12     | 8M0142722 | BRACKET FSM                | 32  | 26     |
| 8M0142724 | GROMMET                     | 32  | 27     | 8M0142725 | TUBE Water Inlet           | 54  | 8      |
| 8M0142726 | SCREW (M6)                  | 54  | 13     | 8M0142727 | TUBE Water Outlet          | 54  | 6      |
| 8M0142728 | PIPE Exhaust                | 54  | 1      | 8M0142729 | FITTING                    | 54  | 16     |
| 8M0142730 | FITTING                     | 54  | 25     | 8M0142731 | FITTING ELBOW              | 54  | 3      |
| 8M0142732 | FITTING ELBOW               | 54  | 19     | 8M0142734 | MUFFLER ASSEMBLY Port      | 54  | 17     |
| 8M0142735 | MUFFLER ASSEMBLY Starboard  | 54  | 21     | 8M0142736 | GROMMET                    | 54  | 24     |
| 8M0142737 | HOSE Idle Relief            | 54  | 23     | 8M0142738 | HOSE                       | 54  | 15     |
| 8M0142739 | HOSE                        | 54  | 20     | 8M0142740 | GROMMET                    | 54  | 18     |
| 8M0142741 | HOSE Crossover, Idle Relief | 54  | 22     | 8M0142742 | BRACKET Upper Mount        | 52  | 8      |
| 8M0142743 | NUT (M10 x 1.5)             | 52  | 3      | 8M0142744 | STUD (M10 x 185)           | 52  | 2      |
| 8M0142745 | SEAL Upper Mount Bracket    | 52  | 11     | 8M0142746 | STUD (M10 x 81.5)          | 52  | 4      |
| 8M0142748 | FITTING                     | 52  | 20     | 8M0142775 | HOUSING Driveshaft, Black  | 64  | 1      |
| 8M0142779 | SPACER ASSEMBLY 5 IN Black  | 92  | 1      | 8M0142780 | TUBE Water                 | 92  | 3      |
| 8M0142781 | STUD (M12 x 179)            | 64  | 16     | 8M0142781 | STUD (M12 x 179)           | 92  | 5      |
| 8M0142787 | SPACER ASSEMBLY 10 IN Black | 92  | 8      | 8M0142788 | STUD (M12 x 306)           | 64  | 16     |
| 8M0142788 | STUD (M12 x 306)            | 92  | 11     | 8M0142789 | WATER TUBE                 | 92  | 10     |
| 8M0142794 | SWIVEL BRACKET              | 56  | 1      | 8M0142795 | WASHER (1.25 x 19)         | 56  | 26     |
| 8M0142796 | MOUNT Snubber               | 56  | 21     | 8M0142797 | YOKE                       | 56  | 19     |
| 8M0142798 | STUD (M14 x 146)            | 56  | 20     | 8M0142799 | CABLE ASSEMBLY             | 56  | 29     |
| 8M0142800 | BRACKET Transom, Port       | 58  | 1      | 8M0142801 | BRACKET Transom, Starboard | 58  | 2      |
| 8M0142802 | COVER Lower Mount           | 56  | 24     | 8M0142803 | STEERING ARM Black         | 56  | 2      |
| 8M0142805 | TRIM POSITION SENSOR        | 56  | 9      | 8M0142809 | BRACKET Tilt Tube          | 58  | 19     |
| 8M0142810 | O-RING (0.612 x .0103)      | 58  | 13     | 8M0142811 | SCREW                      | 58  | 11     |
| 8M0142824 | BRACKET Shift Throttle      | 26  | 1      | 8M0142825 | RETAINER                   | 26  | 9      |
| 8M0142826 | SPRING Throttle             | 26  | 7      | 8M0142827 | HARNESS Demand Sensor      | 26  | 5      |
| 8M0142828 | ARM ASSEMBLY                | 26  | 8      | 8M0142829 | SCREW (M6 x 20)            | 64  | 7      |
| 8M0142830 | SCREW (M6 x 20)             | 52  | 27     | 8M0142831 | LATCH Bottom               | 52  | 28     |
| 8M0142832 | LATCH Top                   | 52  | 29     | 8M0142835 | BEARING Roller Tapered     | 72  | 9      |
| 8M0142835 | BEARING Roller Tapered      | 76  | 9      | 8M0142835 | BEARING Roller Tapered     | 84  | 9      |
| 8M0142835 | BEARING Roller Tapered      | 88  | 9      | 8M0142836 | BEARING Roller Tapered     | 72  | 10     |
| 8M0142836 | BEARING Roller Tapered      | 76  | 10     | 8M0142836 | BEARING Roller Tapered     | 84  | 10     |
| 8M0142836 | BEARING Roller Tapered      | 88  | 6      | 8M0142840 | O-RING (3.85 x 0.210)      | 74  | 24     |
| 8M0142840 | O-RING (3.85 x 0.210)       | 78  | 27     | 8M0142849 | CLUTCH Sliding             | 72  | 14     |
| 8M0142849 | CLUTCH Sliding              | 76  | 14     | 8M0142850 | SCREW (M10 X 25)           | 66  | 3      |
| 8M0142850 | SCREW (M10 X 25)            | 80  | 3      | 8M0142850 | SCREW (M10 X 25)           | 104 | -      |
| 8M0142851 | VRING Face Seal             | 68  | 29     | 8M0142851 | VRING Face Seal            | 80  | 29     |
| 8M0142853 | PLUG Torpedo                | 72  | 2      | 8M0142853 | PLUG Torpedo               | 76  | 2      |
| 8M0142853 | PLUG Torpedo                | 84  | 2      | 8M0142853 | PLUG Torpedo               | 88  | 2      |
| 8M0142854 | O RING (2.175 x .103)       | 66  | 15     | 8M0142854 | O RING (2.175 x .103)      | 72  | 3      |
| 8M0142854 | O RING (2.175 x .103)       | 76  | 3      | 8M0142854 | O RING (2.175 x .103)      | 80  | 15     |
| 8M0142854 | O RING (2.175 x .103)       | 84  | 3      | 8M0142854 | O RING (2.175 x .103)      | 88  | 3      |
| 8M0142855 | TAB WASHER                  | 74  | 30     | 8M0142855 | TAB WASHER                 | 78  | 33     |
| 8M0142857 | SPOOL                       | 72  | 12     | 8M0142857 | SPOOL                      | 76  | 12     |

# PARTS INDEX

| Part No.  | Description                               | Pg. | Ref.no | Part No.  | Description                                 | Pg. | Ref.no |
|-----------|-------------------------------------------|-----|--------|-----------|---------------------------------------------|-----|--------|
| 8M0142857 | SPOOL                                     | 84  | 12     | 8M0142857 | SPOOL                                       | 88  | 12     |
| 8M0142858 | SHIFT SHAFT Long                          | 68  | 39     | 8M0142858 | SHIFT SHAFT Long                            | 82  | 39     |
| 8M0142859 | BUSHING Shift Shaft                       | 68  | 33     | 8M0142859 | BUSHING Shift Shaft                         | 80  | 33     |
| 8M0142860 | O-RING                                    | 68  | 34     | 8M0142860 | O-RING                                      | 80  | 34     |
| 8M0142865 | SHIFT SHAFT X-Long                        | 68  | 39     | 8M0142865 | SHIFT SHAFT X-Long                          | 82  | 39     |
| 8M0142866 | RING Retaining                            | 68  | 32     | 8M0142866 | RING Retaining                              | 80  | 32     |
| 8M0142869 | COVER HOUSING Gearcase                    | 66  | 19     | 8M0142869 | COVER HOUSING Gearcase                      | 80  | 19     |
| 8M0142871 | CLUTCH Sliding 6 Jaw                      | 84  | 14     | 8M0142871 | CLUTCH Sliding 6 Jaw                        | 88  | 14     |
| 8M0142873 | BEARING                                   | 74  | 21     | 8M0142873 | BEARING                                     | 84  | 21     |
| 8M0142875 | SPACER                                    | 84  | 22     | 8M0142877 | SHAFT PROPELLER                             | 84  | 16     |
| 8M0142877 | SHAFT PROPELLER                           | 88  | 16     | 8M0142878 | PLUG Screw                                  | 66  | 4      |
| 8M0142878 | PLUG Screw                                | 80  | 4      | 8M0142878 | PLUG Screw                                  | 104 | -      |
| 8M0142881 | BEARING CARRIER                           | 76  | 19     | 8M0142882 | GEAR Forward                                | 76  | 20     |
| 8M0142883 | SHAFT Prop                                | 72  | 16     | 8M0142883 | SHAFT Prop                                  | 76  | 16     |
| 8M0142884 | GEAR Reverse                              | 76  | 6      | 8M0142885 | SHIFT SHAFT XX-Long                         | 68  | 39     |
| 8M0142885 | SHIFT SHAFT XX-Long                       | 82  | 39     | 8M0142886 | GEAR HOUSING ASSEMBLY Basic, Black (4.8)    | 66  | 1      |
| 8M0142886 | GEAR HOUSING ASSEMBLY Basic, Black (4.8)  | 72  | 1      | 8M0142886 | GEAR HOUSING ASSEMBLY Basic, Black (4.8)    | 76  | 1      |
| 8M0142890 | BEARING CARRIER                           | 74  | 19     | 8M0142891 | GEAR Reverse, 24T                           | 74  | 20     |
| 8M0142896 | SCREW (M8 x 80)                           | 22  | 8      | 8M0142903 | CLIP                                        | 4   | 9      |
| 8M0142904 | ALIGNMENT LEG                             | 4   | 2      | 8M0142907 | LOCK PUSH                                   | 4   | 17     |
| 8M0142908 | SEAL Door                                 | 4   | 15     | 8M0142913 | KEEPER ASSEMBLY                             | 4   | 13     |
| 8M0142914 | SHIM LATCH                                | 4   | 18     | 8M0142915 | BUMPER Starboard                            | 4   | 5      |
| 8M0142916 | BUMPER Port                               | 4   | 4      | 8M0142917 | SEAL Adapter Plate                          | 52  | 30     |
| 8M0142918 | SCREW (M5 x 12)                           | 10  | 2      | 8M0142918 | SCREW (M5 x 12)                             | 10  | 18     |
| 8M0142919 | STRIKER ASSEMBLY Port                     | 10  | 5      | 8M0142921 | SCREW (M6 X 16)                             | 10  | 6      |
| 8M0142922 | RETAINER Front, Port                      | 10  | 4      | 8M0142923 | RETAINER Rear, Port                         | 10  | 3      |
| 8M0142924 | COVER Port                                | 10  | 25     | 8M0142925 | STRIKER ASSEMBLY Starboard                  | 10  | 7      |
| 8M0142927 | BUSHING                                   | 12  | 32     | 8M0142928 | BLOCK                                       | 10  | 9      |
| 8M0142929 | RETAINER Front, Starboard                 | 10  | 10     | 8M0142930 | RETAINER Rear, Starboard                    | 10  | 8      |
| 8M0142931 | COVER Starboard                           | 10  | 27     | 8M0142932 | STRIKER ASSEMBLY Front                      | 10  | 24     |
| 8M0142933 | SCREW (M6 x 40)                           | 12  | 37     | 8M0142942 | GUIDE Rear, Starboard                       | 12  | 38     |
| 8M0142943 | GUIDE Rear, Port                          | 12  | 40     | 8M0142944 | GUIDE Front, Starboard                      | 12  | 34     |
| 8M0142945 | GUIDE Front, Port                         | 10  | 17     | 8M0142946 | PLATE                                       | 10  | 11     |
| 8M0142947 | GROMMET Trim Sensor                       | 12  | 33     | 8M0142948 | GROMMET Mechanical                          | 10  | 30     |
| 8M0142949 | ADAPTER                                   | 10  | 29     | 8M0142950 | GROMMET DTS                                 | 10  | 30     |
| 8M0142956 | SOUND BLANKET KIT                         | 4   | 11     | 8M0142969 | SHIFT SHAFT TOOL                            | 102 | 1      |
| 8M0142970 | ALIGNMENT TOOL Preload Driver             | 102 | 2      | 8M0142971 | GASKET SET Powerhead                        | 30  | -      |
| 8M0142971 | GASKET SET Powerhead                      | 42  | -      | 8M0142971 | GASKET SET Powerhead                        | 46  | -      |
| 8M0142971 | GASKET SET Powerhead                      | 48  | -      | 8M0142971 | GASKET SET Powerhead                        | 50  | -      |
| 8M0142971 | GASKET SET Powerhead                      | 52  | -      | 8M0142971 | GASKET SET Powerhead                        | 54  | -      |
| 8M0142973 | SHIFT SHAFT HANDLE TOOL                   | 102 | 3      | 8M0142974 | RETAINER PRESS FIXTURE                      | 102 | 4      |
| 8M0142976 | TOOL Press Fixture Base                   | 102 | 5      | 8M0142978 | SEAL ACTUATOR                               | 64  | 10     |
| 8M0142979 | SEAL KIT                                  | 68  | -      | 8M0142979 | SEAL KIT                                    | 74  | -      |
| 8M0142979 | SEAL KIT                                  | 78  | -      | 8M0142979 | SEAL KIT                                    | 82  | -      |
| 8M0142979 | SEAL KIT                                  | 86  | -      | 8M0142979 | SEAL KIT                                    | 90  | -      |
| 8M0142980 | IMPELLER REPAIR KIT                       | 68  | -      | 8M0142980 | IMPELLER REPAIR KIT                         | 82  | -      |
| 8M0142980 | IMPELLER REPAIR KIT                       | 104 | -      | 8M0142981 | SCREW (M14x2.00x100) Hex Flg Hd             | 52  | 12     |
| 8M0142982 | SHIELD Oil Deflector                      | 52  | 17     | 8M0142983 | SHAFT TOOL Bearing Carrier Assembly         | 102 | 6      |
| 8M0142996 | PO CHECK KIT                              | 62  | 5      | 8M0142997 | TILT SHAFT KIT                              | 62  | 7      |
| 8M0142998 | TILT CYLINDER ASSEMBLY                    | 62  | 9      | 8M0142999 | O RING KIT TILT CYLINDER                    | 62  | 10     |
| 8M0143000 | MEMORY PISTON KIT                         | 62  | 11     | 8M0143001 | PISTON ASSEMBLY                             | 62  | 12     |
| 8M0143003 | END CAP ASSEMBLY                          | 62  | 13     | 8M0143004 | PUMP KIT                                    | 62  | 18     |
| 8M0143005 | SHOCK ROD KIT                             | 62  | 23     | 8M0143229 | PLUG Drip Tray                              | 28  | 27     |
| 8M0143359 | SOUND CONTROL KIT Advanced                | 94  | -      | 8M0145165 | BLOCK WATER PRESSURE KIT Analog             | 16  | 4      |
| 8M0145165 | BLOCK WATER PRESSURE KIT Analog           | 94  | -      | 8M0145165 | BLOCK WATER PRESSURE KIT Analog             | 100 | 1      |
| 8M0145393 | TOOL Threaded Clutch Assembly             | 102 | 7      | 8M0145541 | OPERATION MANUAL V6/V8 CMS Mechanical       | 2   | -      |
| 8M0145542 | OPERATION MANUAL V6/V8 CMS DTS            | 2   | -      | 8M0145607 | TOOL Bar Puller                             | 102 | NS     |
| 8M0145768 | GEAR HOUSING ASSEMBLY Basic, Silver (4.8) | 66  | 1      | 8M0145768 | GEAR HOUSING ASSEMBLY Basic, Silver (4.8)   | 72  | 1      |
| 8M0145768 | GEAR HOUSING ASSEMBLY Basic, Silver (4.8) | 76  | 1      | 8M0145771 | GEAR HOUSING ASSEMBLY Basic, Black (SeaPro) | 80  | 1      |

# PARTS INDEX

| Part No.  | Description                                   | Pg. | Ref.no | Part No.  | Description                                   | Pg. | Ref.no |
|-----------|-----------------------------------------------|-----|--------|-----------|-----------------------------------------------|-----|--------|
| 8M0145771 | GEAR HOUSING ASSEMBLY Basic, Black (SeaPro)   | 84  | 1      | 8M0145771 | GEAR HOUSING ASSEMBLY Basic, Black (SeaPro)   | 88  | 1      |
| 8M0145916 | HOUSING Driveshaft, Silver                    | 64  | 1      | 8M0145934 | INSTALLATION MANUAL V6/V8 CMS                 | 2   | -      |
| 8M0145987 | HARNESS KIT Re-power Plan                     | 94  | -      | 8M0146003 | NUT M8 x 1.25 Hex                             | 22  | 13     |
| 8M0146059 | BEARING CARRIER ASSEMBLY RH                   | 84  | 19     | 8M0146060 | BEARING CARRIER ASSEMBLY LH                   | 88  | 19     |
| 8M0146062 | DRIVESHAFT KIT Long                           | 66  | 9      | 8M0146062 | DRIVESHAFT KIT Long                           | 92  | 15     |
| 8M0146063 | DRIVESHAFT KIT X-Long                         | 66  | 9      | 8M0146063 | DRIVESHAFT KIT X-Long                         | 92  | 15     |
| 8M0146064 | DRIVESHAFT KIT XX-Long                        | 66  | 9      | 8M0146064 | DRIVESHAFT KIT XX-Long                        | 92  | 15     |
| 8M0146065 | DRIVESHAFT KIT Long                           | 80  | 9      | 8M0146065 | DRIVESHAFT KIT Long                           | 92  | 15     |
| 8M0146066 | DRIVESHAFT KIT X-Long                         | 80  | 9      | 8M0146066 | DRIVESHAFT KIT X-Long                         | 92  | 15     |
| 8M0146067 | DRIVESHAFT KIT XX-Long                        | 80  | 9      | 8M0146067 | DRIVESHAFT KIT XX-Long                        | 92  | 15     |
| 8M0146102 | SEAL Throttle Body                            | 36  | 14     | 8M0146147 | CONNECTOR CAP 3 Pin                           | 16  | 9      |
| 8M0146147 | CONNECTOR CAP 3 Pin                           | 100 | 2      | 8M0146171 | HOSE ASSEMBLY Sprayer                         | 52  | 22     |
| 8M0146189 | NUT TILT TUBE LOCK Black                      | 58  | 10     | 8M0146190 | NUT TILT TUBE LOCK Silver                     | 58  | 10     |
| 8M0146386 | SHIM SET                                      | 86  | 27     | 8M0146386 | SHIM SET                                      | 90  | 27     |
| 8M0146553 | BEARING ASSEMBLY Cup/Cone                     | 66  | 11     | 8M0146553 | BEARING ASSEMBLY Cup/Cone                     | 80  | 11     |
| 8M0146566 | BEARING ASSEMBLY Cup/Cone                     | 66  | 13     | 8M0146566 | BEARING ASSEMBLY Cup/Cone                     | 80  | 13     |
| 8M0146617 | SERVICE MANUAL Diagnostic                     | 2   | -      | 8M0146649 | GEAR SET Forward Gear Pinion 13/24            | 80  | 5      |
| 8M0146649 | GEAR SET Forward Gear Pinion 13/24            | 84  | 6      | 8M0146658 | GEAR Reverse                                  | 84  | 20     |
| 8M0146659 | GEAR SET Forward Gear Pinion 12/21            | 88  | 20     | 8M0146667 | GEAR SET Forward Gear Pinion 13/24            | 80  | 5      |
| 8M0146667 | GEAR SET Forward Gear Pinion 13/24            | 88  | 20     | 8M0146668 | GEAR Reverse                                  | 88  | 10     |
| 8M0146697 | GEAR SET Forward Pinion 13/24                 | 66  | 5      | 8M0146697 | GEAR SET Forward Pinion 13/24                 | 72  | 6      |
| 8M0146710 | PIN Rigging Door                              | 10  | 31     | 8M0146861 | TOOL Flywheel                                 | 102 | 14     |
| 8M0146862 | TOOL Stretch Belt                             | 102 | 15     | 8M0146902 | CABLE ASSEMBLY Starter-Negative               | 22  | 18     |
| 8M0146931 | STEERING ARM Silver                           | 56  | 2      | 8M0146934 | FITTING Quick Connect                         | 98  | 7      |
| 8M0146935 | INSTALLATION TOOL Bearing Spool               | 102 | 17     | 8M0146936 | BAR MOUNT PULLER Upper                        | 102 | 18     |
| 8M0146938 | GASKET Water Pump Base                        | 66  | 18     | 8M0146938 | GASKET Water Pump Base                        | 80  | 18     |
| 8M0146953 | GROMMET Large Hole, Mechanical                | 10  | 30     | 8M0146953 | GROMMET Large Hole, Mechanical                | 94  | -      |
| 8M0146954 | GROMMET Large Hole, DTS CMS                   | 10  | 30     | 8M0146954 | GROMMET Large Hole, DTS CMS                   | 94  | -      |
| 8M0146955 | GROMMET Large Hole, DTS                       | 94  | -      | 8M0147046 | SPACER ASSEMBLY 10 IN Silver                  | 92  | 8      |
| 8M0147047 | SPACER ASSEMBLY 5 IN Silver                   | 92  | 1      | 8M0147078 | INSTALLATION TOOL Trim Harness                | 102 | 20     |
| 8M0147116 | TOOL GUIDE SEAL DRIVER                        | 102 | NS     | 8M0147118 | TOOL Propshaft                                | 102 | 19     |
| 8M0147671 | TOOL ALIGNMENT PIN UPPER MOUNT                | 102 | NS     | 8M0147677 | CABLE ASSEMBLY 10 IN                          | 56  | 30     |
| 8M0147678 | BRACKET Tilt Tube                             | 58  | 19     | 8M0147749 | INTAKE SCREEN                                 | 36  | 16     |
| 8M0147750 | NUT (M6)                                      | 36  | 10     | 8M0147844 | TILT TUBE                                     | 58  | 12     |
| 8M0147857 | SHAFT Coupling                                | 64  | 9      | 8M0147858 | COVER Fuse Box                                | 18  | 48     |
| 8M0147903 | SEAL Fuse Box                                 | 18  | 49     | 8M0147920 | DECAL Mercury, Silver                         | 8   | 2      |
| 8M0147959 | BEARING MAIN Green                            | 50  | 2      | 8M0147960 | BEARING MAIN Blue                             | 50  | 2      |
| 8M0147961 | BEARING MAIN White                            | 50  | 2      | 8M0147962 | BEARING MAIN Orange                           | 50  | 2      |
| 8M0147987 | DECAL Mercury, Dark Silver                    | 8   | 2      | 8M0148319 | BEARING Cup/Cone                              | 74  | 25     |
| 8M0148319 | BEARING Cup/Cone                              | 78  | 28     | 8M0148319 | BEARING Cup/Cone                              | 84  | 24     |
| 8M0148319 | BEARING Cup/Cone                              | 88  | 21     | 8M0148384 | ADAPTOR Bearing Forward Gear                  | 78  | 21     |
| 8M0148533 | DECAL Latch Position                          | 4   | 16     | 8M0148534 | DECAL Maintenance Schedule                    | 18  | 40     |
| 8M0148560 | CYLINDER HEAD ASSEMBLY Basic-Starboard        | 44  | 1      | 8M0148561 | CYLINDER HEAD ASSEMBLY Basic-Port             | 44  | 1      |
| 8M0148727 | CAP Vinyl                                     | 54  | 39     | 8M0148865 | TOOL Install Gear                             | 102 | NS     |
| 8M0148868 | WRENCH AMS Mount                              | 102 | NS     | 8M0149553 | TOOL Upper Mount Rod Installation             | 102 | NS     |
| 8M0149605 | SLEEVE Edge Protector                         | 12  | 42     | 8M0149614 | BOLT KIT Transom (8.00 Inches)                | 96  | -      |
| 8M0149929 | 100 HR MAINTENANCE KIT V6 and V8 4 stroke     | 104 | -      | 8M0149930 | MAINTENANCE KIT 200-350 HP V6 4S (300 Hr)     | 104 | -      |
| 8M0150216 | CYLINDER HEAD ASSEMBLY Starboard              | 44  | -      | 8M0150217 | CYLINDER HEAD ASSEMBLY Port                   | 44  | -      |
| 8M0150597 | TOOL-SHIFT ACTUATOR Test TEE Harness          | 102 | 23     | 8M0150994 | FITTING CONNECTOR KIT                         | 96  | -      |
| 8M0151156 | SPACER                                        | 24  | 2      | 8M0152423 | BRACKET Plastic Snap                          | 98  | 5      |
| 8M0152433 | FITTING ELBOW                                 | 98  | 6      | 8M0152436 | ORING                                         | 98  | 3      |
| 8M0153042 | DECAL Mercury, Silver                         | 6   | 5      | 8M0153042 | DECAL Mercury, Silver                         | 6   | 10     |
| 8M0153042 | DECAL Mercury, Silver                         | 8   | 8      | 8M0155119 | FITTING Legris                                | 64  | 12     |
| 8M0156255 | BRACKET Transom, Port                         | 58  | 1      | 8M0156256 | BRACKET Transom, Starboard                    | 58  | 2      |
| 8M0156259 | SWIVEL BRACKET                                | 56  | 1      | 8M0157114 | FITTING TEE 4 MM                              | 16  | 25     |
| 8M0157397 | CLAMP Oetiker, 17.5                           | 40  | 45     | 8M0159716 | DECAL M Icon, 53 MM Black                     | 6   | 6      |
| 8M0160428 | PULLER PLATE                                  | 102 | 24     | 8M0162139 | THERMOSTAT ASSEMBLY                           | 104 | -      |
| 8M0164967 | BUSHING Shift Shaft                           | 68  | 33     | 8M0164967 | BUSHING Shift Shaft                           | 80  | 33     |
| 8M0164968 | SHIFT SHAFT Long Includes Bushing Design II   | 68  | 39     | 8M0164968 | SHIFT SHAFT Long Includes Bushing Design II   | 82  | 39     |
| 8M0164969 | SHIFT SHAFT X-Long Includes Bushing Design II | 68  | 39     | 8M0164969 | SHIFT SHAFT X-Long Includes Bushing Design II | 82  | 39     |

# PARTS INDEX

| Part No.  | Description                                    | Pg. | Ref.no | Part No.  | Description                                    | Pg. | Ref.no |
|-----------|------------------------------------------------|-----|--------|-----------|------------------------------------------------|-----|--------|
| 8M0164970 | SHIFT SHAFT XX-Long Includes Bushing Design II | 68  | 39     | 8M0164970 | SHIFT SHAFT XX-Long Includes Bushing Design II | 82  | 39     |
| 8M0164978 | PIN ROD EYE ASSEMBLY                           | 58  | 22     | 8M0168203 | DRIVESHAFT KIT Long                            | 92  | 16     |
| 8M0168205 | DRIVESHAFT KIT Long                            | 92  | 16     | 8M0168206 | DRIVESHAFT KIT X-Long                          | 92  | 16     |
| 8M0168208 | DRIVESHAFT KIT X-Long                          | 92  | 16     | 8M0168209 | DRIVESHAFT KIT XX-Long                         | 92  | 16     |
| 8M0168210 | DRIVESHAFT KIT XX-Long                         | 92  | 16     | 8M0173441 | SEAL Top Cowl                                  | 4   | 6      |
| 8M2000347 | RETAINER                                       | 74  | 31     | 8M2000347 | RETAINER                                       | 78  | 34     |
| 8M6000385 | CLAMP (39.6 MM)                                | 28  | 40     | 8M6001459 | CLAMP (45.5)                                   | 28  | 10     |
| 8M6001577 | O-RING M6 X 46                                 | 28  | 42     | 8M6002637 | BOLT Connecting Rod                            | 50  | 13     |
| 8M6003202 | SCREW                                          | 18  | 53     | 8M6004776 | HARNESS ASSEMBLY                               | 34  | 23     |
| 90196     | O-RING (.921 x .139)                           | 28  | 9      | 92721     | WASHER                                         | 66  | 7      |
| 98234A2   | DRILL FIXTURE KIT Transom                      | 102 | NS     | 98727     | FITTING Grease                                 | 58  | 5      |
| 99615     | PIN Groove                                     | 58  | 15     | 99633     | KNOB                                           | 58  | 6      |
| NSS       | NOT SOLD SEPARATE DECAL, EPA                   | 2   | -      | NSS       | NOT SOLD SEPARATE SCREW                        | 4   | 3      |
| NSS       | NOT SOLD SEPARATE SCREW                        | 4   | 14     | NSS       | NOT SOLD SEPARATE O-Ring                       | 34  | 3      |
| NSS       | NOT SOLD SEPARATE Spacer                       | 34  | 4      | NSS       | NOT SOLD SEPARATE O-Ring                       | 34  | 6      |
| NSS       | NOT SOLD SEPARATE Seal                         | 34  | 7      | NSS       | NOT SOLD SEPARATE O-Ring                       | 34  | 9      |
| NSS       | NOT SOLD SEPARATE Seal                         | 34  | 11     | NSS       | NOT SOLD SEPARATE Seal                         | 34  | 14     |
| NSS       | NOT SOLD SEPARATE O-Ring                       | 34  | 15     | NSS       | NOT SOLD SEPARATE Seal                         | 34  | 18     |
| NSS       | NOT SOLD SEPARATE O-Ring                       | 34  | 24     | NSS       | NOT SOLD SEPARATE O-Ring                       | 34  | 25     |
| NSS       | NOT SOLD SEPARATE                              | 44  | 10     |           |                                                |     |        |