

**Parts Manual**

**Cat.# 90-898164008**

**Revised 09-15-2020**

# TABLE OF CONTENTS

Cat.# 90-898164008

|                                                                  |     |
|------------------------------------------------------------------|-----|
| Service/Support Material .....                                   | 1   |
| Top Cowl .....                                                   | 3   |
| Rear Cowl .....                                                  | 5   |
| Electrical Box Components .....                                  | 9   |
| Starter Motor .....                                              | 13  |
| Alternator/Belt Tensioner Mounting .....                         | 15  |
| Shift Components .....                                           | 17  |
| Fuel Supply Module .....                                         | 21  |
| Induction Components .....                                       | 23  |
| SuperCharger .....                                               | 27  |
| Charge Cooler/Intake Manifold (Gen I) End Cap Not Serviced ..... | 29  |
| Charge Cooler/Intake Manifold (Gen II) End Cap Serviced .....    | 31  |
| Charge Cooler/Intake Manifold Hose Routings .....                | 33  |
| Port Cylinder Block Components .....                             | 35  |
| Starboard Cylinder Block/Oil Cooler (1B830999 and Below) .....   | 37  |
| Starboard Cylinder Block/Oil Cooler (1B831000 and Above) .....   | 41  |
| Cylinder Block .....                                             | 45  |
| Cylinder Head and Camshaft .....                                 | 47  |
| Crankshaft, Pistons and Connecting Rods .....                    | 53  |
| Oil Pump/Adaptor Plate-Upper .....                               | 55  |
| Adapter Plate Hose Routings .....                                | 57  |
| Adapter Plate-Lower .....                                        | 59  |
| Swivel Bracket and Steering Arm .....                            | 61  |
| Transom Brackets .....                                           | 65  |
| Driveshaft Housing .....                                         | 67  |
| Gear Housing (Driveshaft)(Standard/Counter Rotation) .....       | 69  |
| Gear Housing Propeller Shaft-Std Rotation 2B026816 & below ..... | 75  |
| Gear Housing Propeller Shaft-Std Rotation 2B026817 & up .....    | 79  |
| Gear Housing Prop Shaft-Counter Rotation 2B026816 & below .....  | 83  |
| Gear Housing Prop Shaft-Counter Rotation 2B026817 & up .....     | 87  |
| Power Trim Components Metal Motor Housing .....                  | 91  |
| Power Trim Components Plastic Motor Housing .....                | 95  |
| Powerhead Gasket Set Components .....                            | 97  |
| Water Separator Filter Kit 8M0046336 .....                       | 99  |
| Accessories .....                                                | 101 |
| Mercathode Kit .....                                             | 103 |
| Tools .....                                                      | 105 |
| Tools .....                                                      | 107 |

# TABLE OF CONTENTS

|                        |     |
|------------------------|-----|
| Lube Chart .....       | 109 |
| Maintenance Kits ..... | 111 |

## Service/Support Material



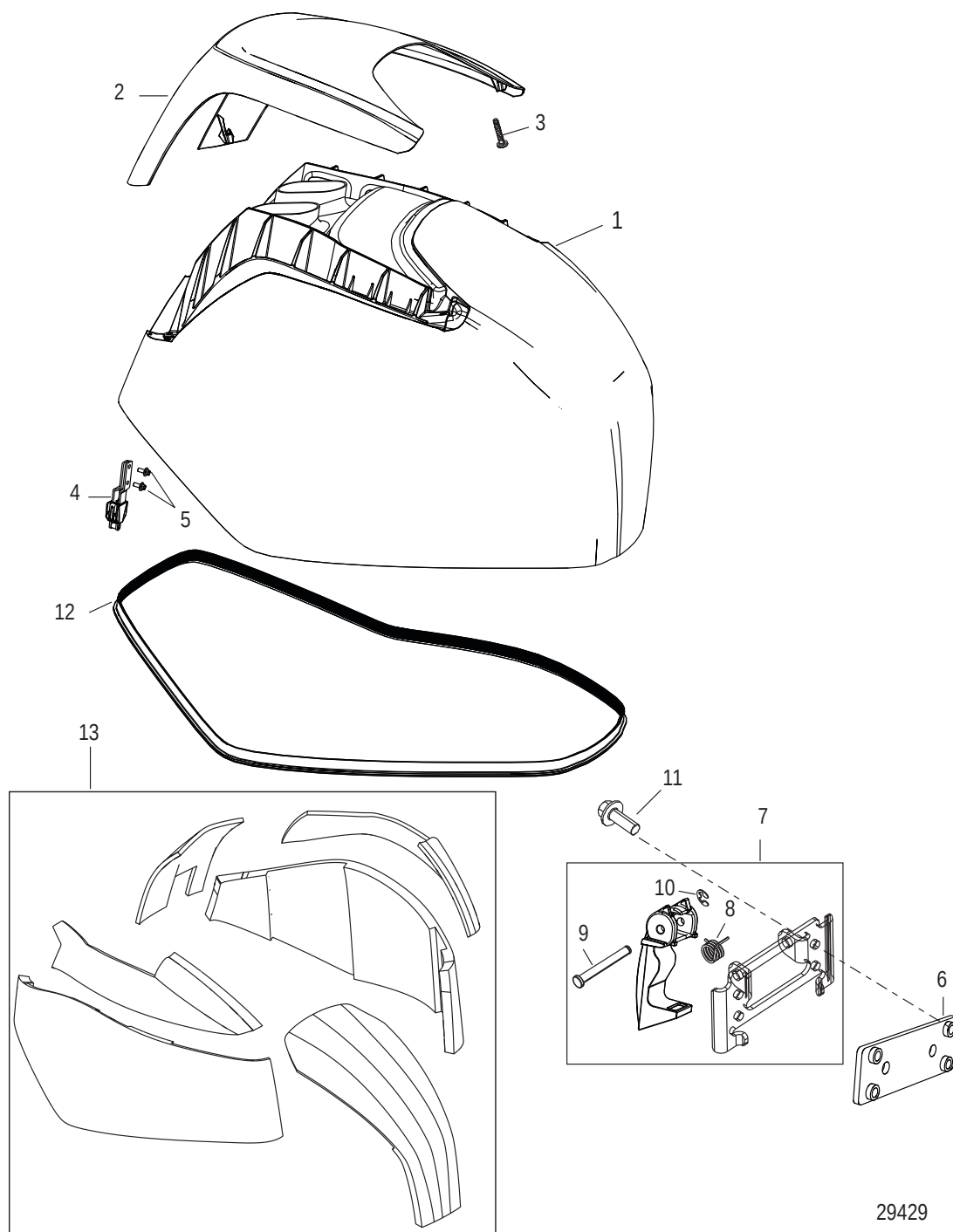
## Service/Support Material

| Ref # | Part Class | Part Number | Description                                | Comments                                                                                  | Qty | Note |
|-------|------------|-------------|--------------------------------------------|-------------------------------------------------------------------------------------------|-----|------|
| -     | 0090       | 898164008   | PARTS MANUAL 135/150/175/200 4-Stroke      |                                                                                           | 1   |      |
| -     | 0090       | 10249080    | OPERATION MANUAL                           | [1B578963] & Below                                                                        | 1   |      |
| -     | 0090       | 10249081    | OPERATION MANUAL                           | [1B578964] THRU [1B733670]                                                                | 1   |      |
| -     | 0090       | 10249082    | OPERATION MANUAL 135/150/175/200 Verado    | [1B733671] THRU [1B792494]                                                                | 1   |      |
| -     | 0090       | 10249090    | OPERATION MANUAL 135-200 Verado            | [1B792495] THRU [1B830902]                                                                | 1   |      |
| -     | 0090       | 10249091    | OPERATION MANUAL 135-200 Verado            | [1B830903] & Up                                                                           | 1   |      |
| -     | 0090       | 10249V80    | OWNERS MANUAL Belgium                      |                                                                                           | 1   |      |
| -     | 0090       | 10250080    | INSTALLATION MANUAL                        | [1B578963] & Below                                                                        | 1   |      |
| -     | 0090       | 10250081    | INSTALLATION MANUAL                        | [1B578964] THRU [1B733670]                                                                | 1   |      |
| -     | 0090       | 10250082    | INSTALLATION MANUAL 135/150/175/200 Verado | [1B733671] THRU [1B830902]                                                                | 1   |      |
| -     | 0090       | 10250090    | INSTALL MANUAL 135-200 Verado              | [1B830903] & Up                                                                           | 1   |      |
| -     | 0090       | 897928T00   | SERVICE MANUAL SET                         |                                                                                           | 1   |      |
| -     | 0037       | 898165A07   | DECAL EPA Label Information                | (2007)                                                                                    | 1   | [1]  |
| -     | 0037       | 898165A08   | DECAL EPA Label Information                | (2008)                                                                                    | 1   | [1]  |
| -     |            | NSS         | NOT SOLD SEPARATE DECAL, EPA (2009 & Up)   | Contact Mercury Marine Warranty Administration for Replacement (Service Bulletin 2009-18) | 1   | [1]  |

## PART NOTES:

- [1] - IMPORTANT INFORMATION: REPLACE ANY MISSING OR UNREADABLE EPA LABEL

# Top Cowl

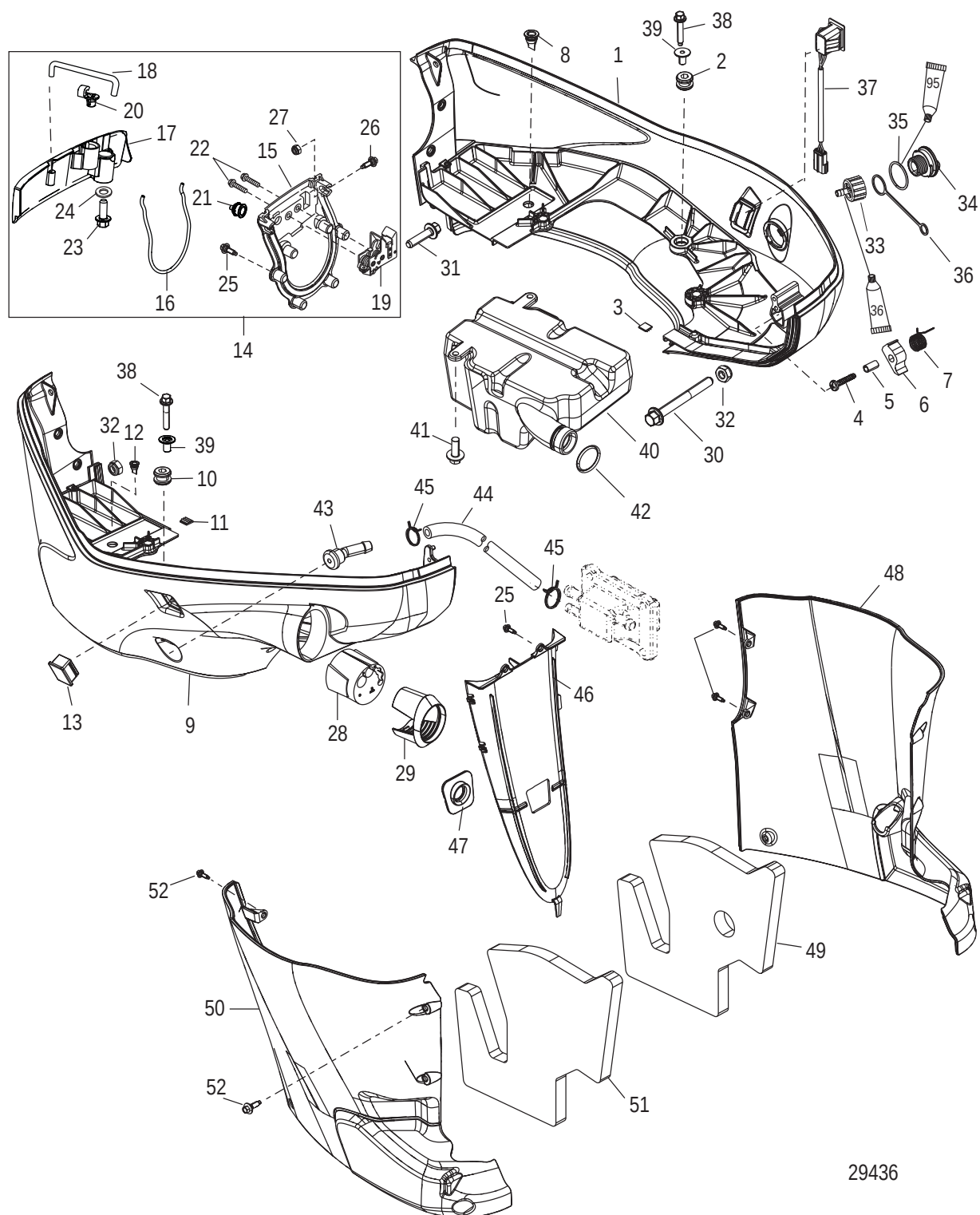


29429

## Top Cowl

| Ref # | Part Class | Part Number | Description                                                           | Comments                            | Qty | Note |
|-------|------------|-------------|-----------------------------------------------------------------------|-------------------------------------|-----|------|
| 1     | 0100       | 895844T09   | TOP COWL ASSEMBLY Mercury<br>Includes all decals except<br>HorsePower |                                     | 1   |      |
| 1     | 0100       | 895844T10   | TOP COWL ASSEMBLY Mariner                                             |                                     | 1   |      |
| 1     | 0100       | 8M0075362   | TOP COWL ASSEMBLY Mercury,<br>Without decals                          |                                     | 1   |      |
| 1     | 0100       | 8M0075363   | TOP COWL ASSEMBLY Mariner,<br>Without decals                          |                                     | 1   |      |
| 2     | 0000       | 895845T     | CAP Air Dam                                                           | Mercury                             | 1   |      |
| 2     | 0037       | 8M0024861   | DECAL Vinyl Lenz                                                      | Air Dam Cap Decal -<br>Mercury      | 1   |      |
| 2     | 0000       | 895845T01   | CAP Air Dam                                                           | Mariner                             | 1   |      |
| 3     | 0010       | 888950020   | SCREW (M4 x 20 mm)                                                    |                                     | 4   |      |
| 4     | 0000       | 8M0020857   | STRIKER ASSEMBLY                                                      |                                     | 1   |      |
| 5     | 0010       | 82130014    | SCREW (M6 x 14)                                                       |                                     | 2   |      |
| 6     | 0000       | 897436      | BRACKET                                                               |                                     | 1   |      |
| 7     | 0000       | 897437T03   | LATCH ASSEMBLY Front                                                  |                                     | 1   |      |
| 8     | 0024       | 897440      | SPRING                                                                |                                     | 1   |      |
| 9     | 0017       | 897441      | PIN Clevis                                                            |                                     | 1   |      |
| 10    | 0053       | 27290       | RING Retaining                                                        |                                     | 1   |      |
| 11    | 0010       | 82130014    | SCREW (M6 x 14)                                                       |                                     | 4   |      |
| 12    | 0000       | 8M0000712   | SEAL                                                                  |                                     | 1   |      |
| 13    | 0000       | 897431A01   | SOUND BLANKET KIT                                                     |                                     | 1   |      |
| -     | 0037       | 892565A08   | DECAL SET (Generic)                                                   | Mercury                             | 1   |      |
| -     | 0037       | 892870A08   | DECAL SET (Generic)                                                   | Mariner                             | 1   |      |
| -     | 0037       | 892870A01   | DECAL SET Port And Starboard                                          | Mariner                             | 1   |      |
| -     | 0037       | 8M0024865   | DECAL Rear                                                            | (Mercury 135)                       | 1   |      |
| -     | 0037       | 892870003   | DECAL Rear                                                            | (Mariner 135)                       | 1   |      |
| -     | 0037       | 8M0024866   | DECAL Rear                                                            | (Mercury 150) [1B699945]<br>& Below | 1   |      |
| -     | 0037       | 8M0034096   | DECAL Rear                                                            | (Mercury 150) [1B699946]<br>& Up    | 1   |      |
| -     | 0037       | 892870004   | DECAL Rear                                                            | (Mariner 150)                       | 1   |      |
| -     | 0037       | 8M0024867   | DECAL Rear                                                            | (Mercury 175) [1B700324]<br>& Below | 1   |      |
| -     | 0037       | 8M0034097   | DECAL Rear                                                            | (Mercury 175) [1B700325]<br>& Up    | 1   |      |
| -     | 0037       | 892870005   | DECAL Rear                                                            | (Mariner 175)                       | 1   |      |
| -     | 0037       | 8M0024868   | DECAL Rear                                                            | (Mercury 200) [1B689452]<br>& Below | 1   |      |
| -     | 0037       | 8M0034098   | DECAL Rear                                                            | (Mercury 200) [1B689453]<br>& Up    | 1   |      |
| -     | 0037       | 8M0024880   | DECAL Rear                                                            | (Mariner 200)                       | 1   |      |

## Rear Cowl



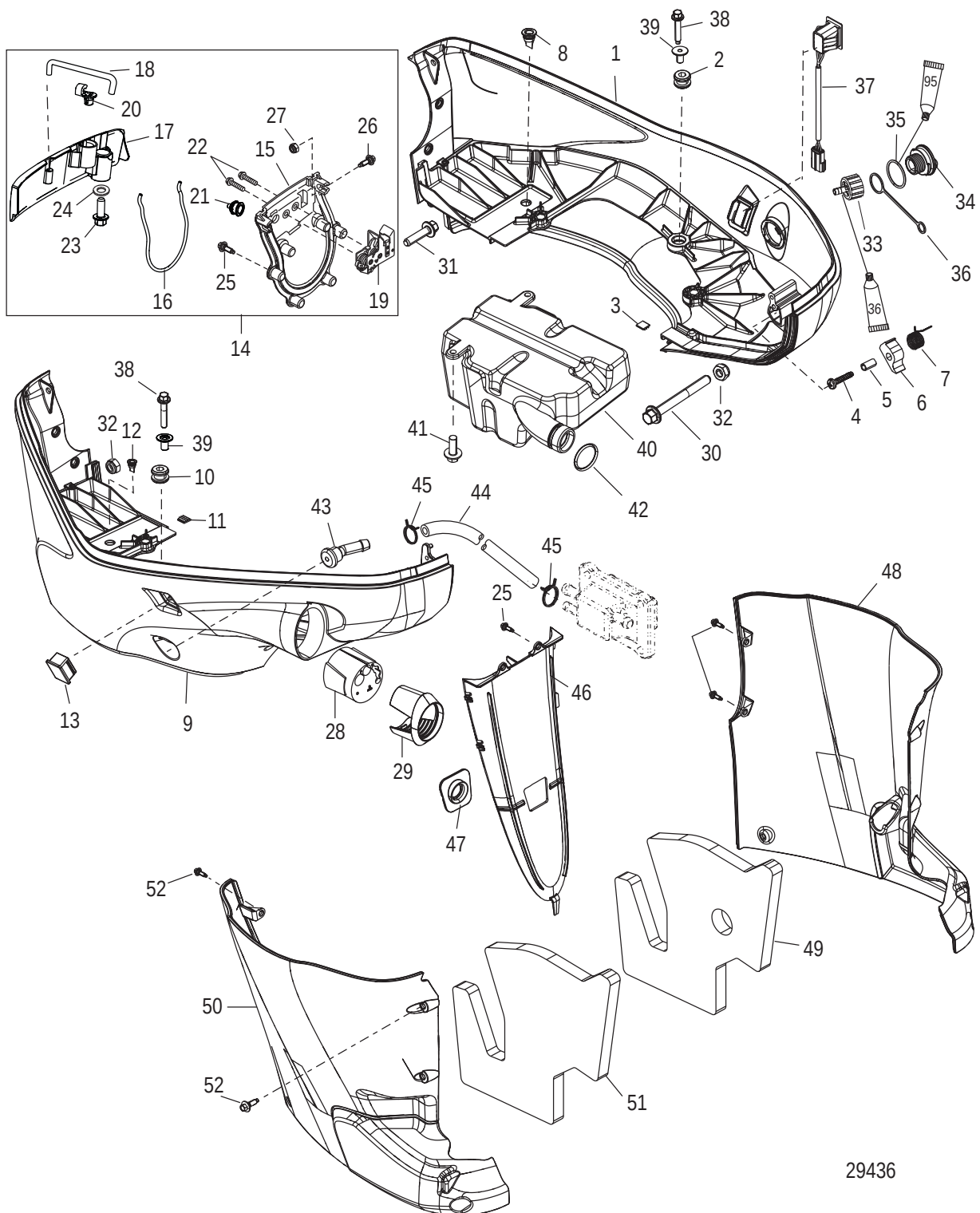
29436

## Rear Cowl

| Ref # | Part Class | Part Number | Description                                 | Comments           | Qty | Note |
|-------|------------|-------------|---------------------------------------------|--------------------|-----|------|
| -     | 0000       | 895846A08   | PAN ASSEMBLY Port and Starboard             | [1B701486] & Below | 1   |      |
| -     | 0000       | 895846T07   | PAN ASSEMBLY Port and Starboard             | [1B701487] & Up    | 1   |      |
| 1     | 0000       | 895846A04   | PAN ASSEMBLY Port                           | [1B701486] & Below | 1   |      |
| 1     |            | NSS         | NOT SOLD SEPARATE Pan Assembly-Port         | [1B701487] & Up    | 1   |      |
| 2     | 0025       | 896671      | GROMMET                                     |                    | 1   |      |
| 3     | 0000       | 896865      | SEAL Front                                  |                    | 1   |      |
| 4     | 0010       | 888950020   | SCREW (M4 x 20 mm)                          | [1B701486] & Below | 1   |      |
| 5     | 0023       | 898408      | SPACER                                      | [1B701486] & Below | 1   |      |
| 6     | 0000       | 898354      | PAWL                                        | [1B701486] & Below | 1   |      |
| 7     | 0024       | 898353      | SPRING                                      | [1B701486] & Below | 1   |      |
| 8     | 0000       | 888819002   | DRAIN Cowl                                  |                    | 1   |      |
| 9     | 0000       | 895847A05   | PAN ASSEMBLY Starboard                      | [1B701486] & Below | 1   |      |
| 9     |            | NSS         | NOT SOLD SEPARATE Pan Assembly-Starboard    | [1B701487] & Up    | 1   |      |
| 10    | 0025       | 896671      | GROMMET                                     |                    | 1   |      |
| 11    | 0000       | 896974      | SEAL Back                                   |                    | 1   |      |
| 12    | 0000       | 888819002   | DRAIN Cowl                                  |                    | 1   |      |
| 13    | 0019       | 897203      | PLUG                                        |                    | 1   |      |
| 14    | 0000       | 879148T72   | PANEL AND LATCH ASSEMBLY                    |                    | 1   |      |
| 15    | 0000       | 8M0020855   | PANEL Access                                |                    | 1   |      |
| 16    | 0000       | 8M0026713   | SEAL                                        |                    | 1   |      |
| 17    | 0000       | 8M0020856   | HANDLE                                      |                    | 1   |      |
| 18    | 0000       | 8M0020854   | LINK                                        |                    | 1   |      |
| 19    | 0000       | 8M0006056   | LATCH ASSEMBLY Rear                         |                    | 1   |      |
| 20    | 0000       | 8M0006054   | RETAINER                                    |                    | 1   |      |
| 21    | 0000       | 8M0006060   | SEAL                                        |                    | 1   |      |
| 22    | 0010       | 88552525    | SCREW (M6 x 25 MM) Stainless Steel          |                    | 2   |      |
| 23    | 0010       | 88552516    | SCREW (M6 x 16 MM) Stainless Steel          |                    | 1   |      |
| 24    | 0012       | 69056       | WASHER (.255 x .620 x .030) Stainless Steel |                    | 1   |      |
| 25    | 0010       | 892073002   | SHOULDER SCREW (M6)                         |                    | 6   |      |
| 26    | 0000       | 8M0005773   | SCREW (M6)                                  |                    | 2   |      |
| 27    | 0011       | 401386      | NUT (M6) Stainless Steel                    |                    | 2   |      |
| 28    | 0025       | 897169      | GROMMET                                     |                    | 1   |      |
| 29    | 0000       | 895316      | ADAPTER                                     |                    | 1   |      |
| 30    | 0010       | 897657055   | SCREW (M6 x 55)                             |                    | 1   |      |
| 31    | 0010       | 897657025   | SCREW (M6 x 25 MM)                          |                    | 1   |      |
| 32    | 0011       | 401386      | NUT (M6) Stainless Steel                    |                    | 2   |      |
| 33    | 0022       | 885361A01   | FITTING ASSEMBLY Flush                      |                    | 1   |      |
| 34    | 0022       | 888958001   | PLUG Flush Port                             |                    | 1   |      |
| 35    | 0025       | 888957      | O-RING                                      |                    | 1   |      |
| 36    | 0000       | 889823001   | TETHER Flush Plug                           |                    | 1   |      |
| 37    | 0087       | 896620001   | SWITCH Trim                                 |                    | 1   |      |
| 38    | 0010       | 897964      | SCREW (M6)                                  |                    | 2   |      |

Rear Cowl

## Rear Cowl

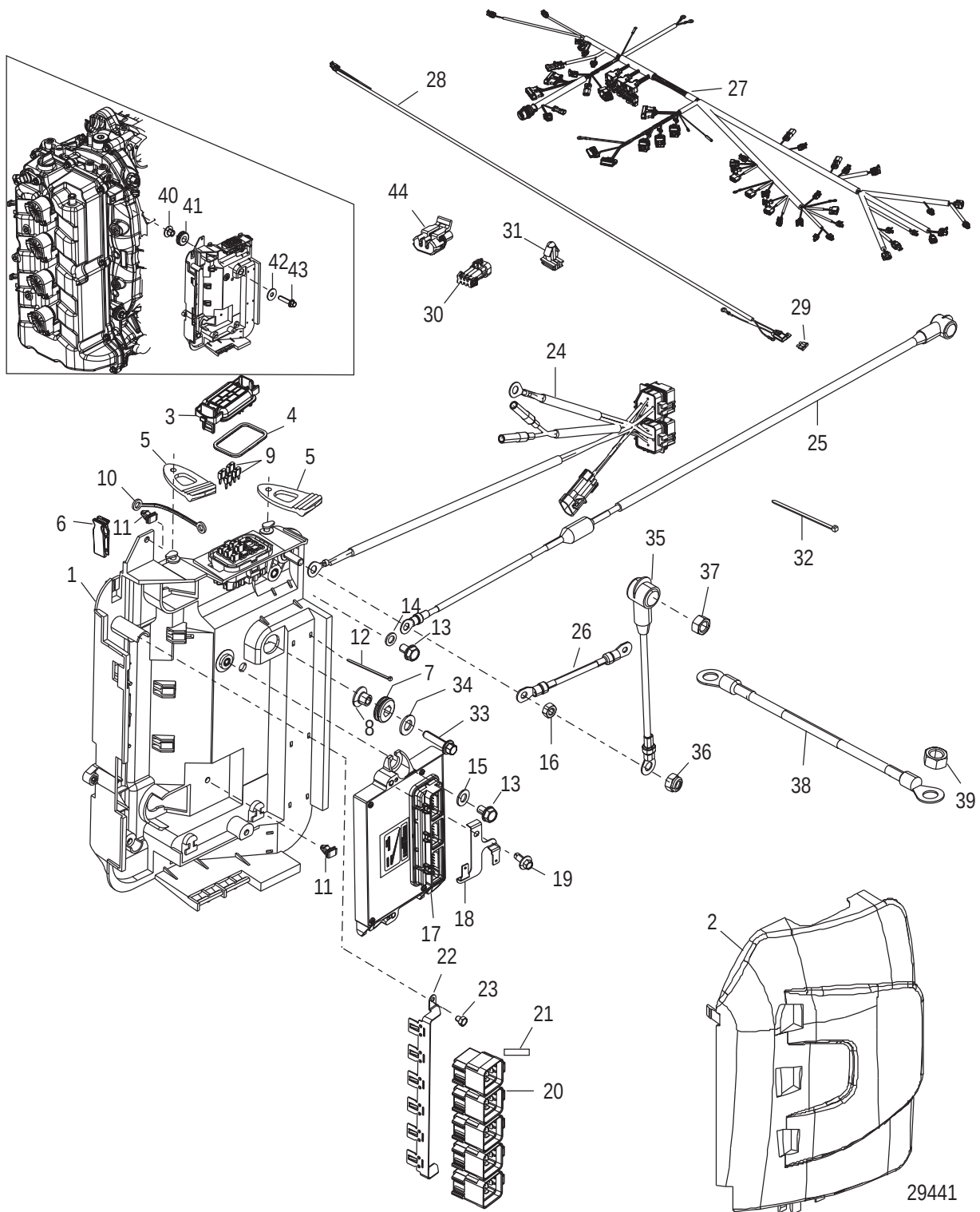


29436

## Rear Cowl

| Ref # | Part Class | Part Number | Description                               | Comments | Qty | Note |
|-------|------------|-------------|-------------------------------------------|----------|-----|------|
| 39    | 0023       | 8M8023048   | BUSHING                                   |          | 2   |      |
| 40    | 0000       | 896925A01   | PLENUM KIT Exhaust                        |          | 1   |      |
| 41    | 0010       | 892073002   | SHOULDER SCREW (M6)                       |          | 2   |      |
| 42    | 0025       | 889828      | O-RING (.924 x .103)                      |          | 1   |      |
| 43    | 0022       | 895797001   | FITTING                                   |          | 1   |      |
| 44    | 0032       | 830756109   | HOSE (57.00 Inches Bulk) Cut to 21 Inches |          | 1   |      |
| 45    | 0054       | 895851      | CLAMP (8.00 Inches)                       |          | 2   |      |
| 46    | 0000       | 896618A02   | COVER ASSEMBLY Rear                       |          | 1   |      |
| 47    | 0000       | 896924      | BOOT Idle Exhaust                         |          | 1   |      |
| -     | 0000       | 897593T02   | CHAP ASSEMBLY Starboard and Port          |          | 1   |      |
| 48    | 0000       | 896054T01   | CHAP ASSEMBLY Port                        |          | 1   |      |
| 49    | 0000       | 897204      | SOUND BLANKET Starboard                   |          | 1   |      |
| 50    | 0000       | 896055T01   | CHAP ASSEMBLY Starboard                   |          | 1   |      |
| 51    | 0000       | 897205      | SOUND BLANKET Port                        |          | 1   |      |
| 52    | 0010       | 892073002   | SHOULDER SCREW (M6)                       |          | 12  |      |

## Electrical Box Components

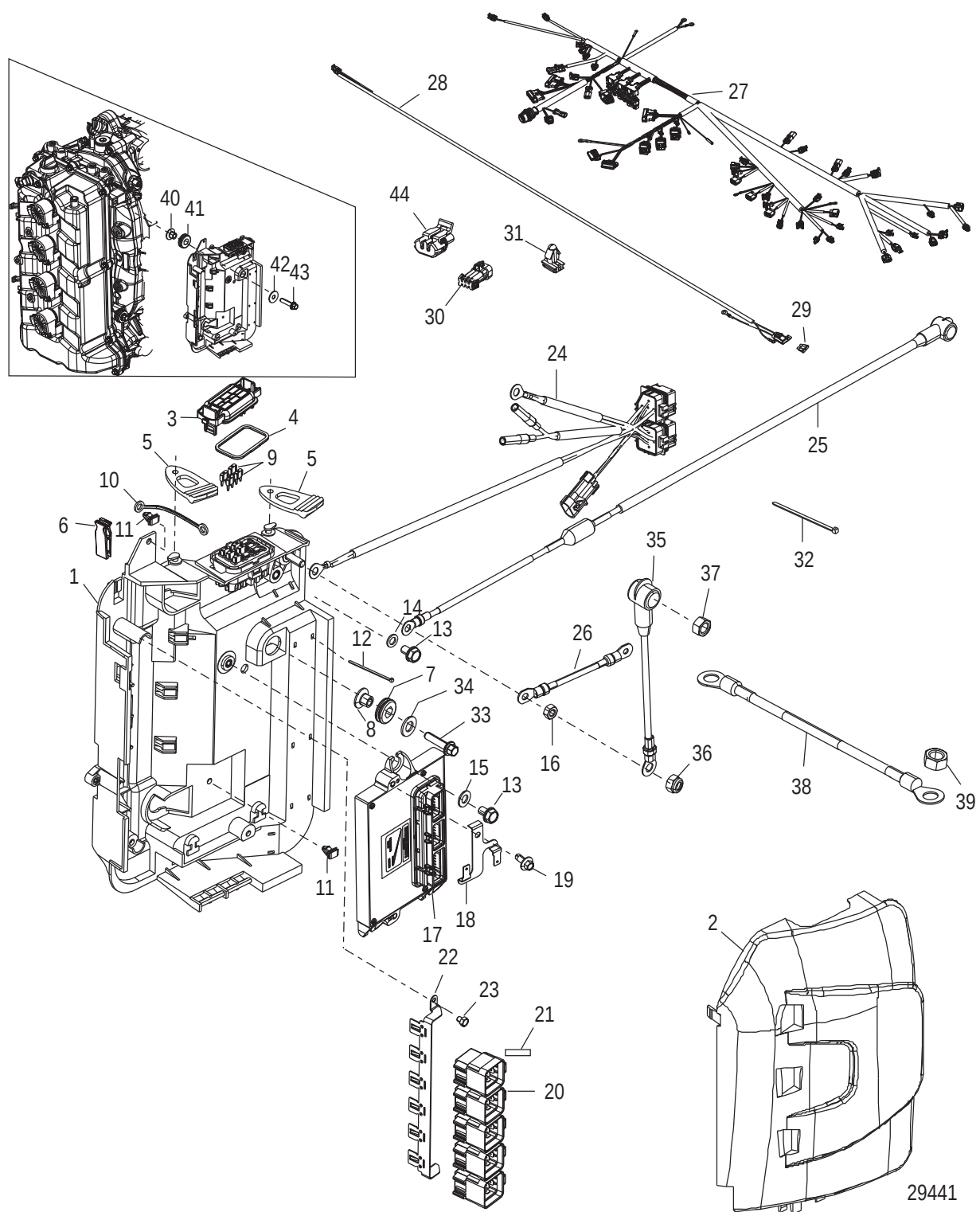




## Electrical Box Components

| Ref # | Part Class | Part Number | Description                                        | Comments | Qty | Note |
|-------|------------|-------------|----------------------------------------------------|----------|-----|------|
| -     |            | NSS         | NOT SOLD SEPARATE Electrical Box Assembly-Complete |          | 1   |      |
| -     |            | NSS         | NOT SOLD SEPARATE Electrical Box Assembly          |          | 1   |      |
| 1     | 0000       | 896230T01   | BOX ASSEMBLY Electrical                            |          | 1   |      |
| 2     |            | NSS         | NOT SOLD SEPARATE Cover                            |          | 1   |      |
| 3     | 0000       | 888491      | COVER                                              |          | 1   |      |
| 4     | 0025       | 885583      | SEAL                                               |          | 1   |      |
| 5     | 0000       | 889531      | STRAP                                              |          | 2   |      |
| 6     | 0000       | 895099      | EXTRACTOR Fuse                                     |          | 1   |      |
| 7     | 0025       | 833155      | GROMMET                                            |          | 1   |      |
| 8     | 0023       | 8502341     | BUSHING                                            |          | 1   |      |
| 9     | 0088       | 83296920    | FUSE Mini - Yellow - 20 Ampere                     |          | 7   |      |
| 9     | 0088       | 8329692     | FUSE Mini - Gray - 2 Ampere                        |          | 1   |      |
| 10    | 0000       | 892244      | STRAP Cover                                        |          | 1   |      |
| 11    | 0054       | 892448      | CLIP                                               |          | 2   |      |
| 12    | 0054       | 850181      | TIE STRAP (11.750 Inches)                          |          | 8   |      |
| 13    | 0010       | 40011145    | SCREW (M8 x 10) Stainless Steel                    |          | 2   |      |
| 14    | 0012       | 843108      | WASHER (.330 x .560 x .060) Stainless Steel        |          | 1   |      |
| 15    | 0012       | 817274      | WASHER (.344 x 1.00 x .063) Stainless Steel        |          | 1   |      |
| 16    | 0011       | 400213      | NUT (M8) Stainless Steel                           |          | 1   |      |
| 17    | 0077       | 89790736T   | PCM Propulsion Control Module                      | 135      | 1   |      |
| 17    | 0000       | 89790737T   | PCM Propulsion Control Module                      | 150      | 1   |      |
| 17    | 0000       | 89790738T   | PCM Propulsion Control Module                      | 175      | 1   |      |
| 17    | 0000       | 89790734T   | PCM Propulsion Control Module                      | 200      | 1   |      |
| 18    | 0054       | 891520001   | CLIP                                               |          | 1   |      |
| 19    | 0010       | 82129114    | SCREW (M6 x 14)                                    |          | 1   |      |
| -     |            | NSS         | NOT SOLD SEPARATE Relay Bracket Assembly-Complete  |          | 1   |      |
| 20    | 0000       | 882751A04   | RELAY ASSEMBLY                                     |          | 5   |      |
| 21    |            | NSS         | NOT SOLD SEPARATE Decal-Trim Relay                 |          | 5   |      |
| 22    | 0000       | 889532      | BRACKET                                            |          | 1   |      |
| 23    | 0010       | 40007103    | SCREW (M5 x 6)                                     |          | 2   |      |
| 24    | 0084       | 819514A23   | HARNESS ASSEMBLY Trim                              |          | 1   |      |
| 25    | 0084       | 892137T03   | HARNESS ASSEMBLY Fuse                              |          | 1   |      |
| 26    | 0084       | 93388A19    | CABLE ASSEMBLY                                     |          | 1   |      |
| 27    | 0084       | 892579A06   | HARNESS ASSEMBLY Engine                            |          | 1   |      |
| 28    | 0084       | 888416T03   | HARNESS ASSEMBLY                                   |          | 1   |      |
| 29    | 0000       | 862646      | FUSE Tan - 5 Ampere                                |          | 1   |      |
| 30    | 0000       | 877613A02   | CONNECTOR ASSEMBLY Weather Cap 6 Pin               |          | 1   |      |
| 31    | 0054       | 879962      | CLIP                                               |          | 1   |      |
| 32    | 0054       | 816311T     | TIE STRAP (8.00 Inches)                            |          | AR  |      |
| 33    | 0010       | 88552635    | SCREW (M8 x 35 MM)                                 |          | 1   |      |

## Electrical Box Components



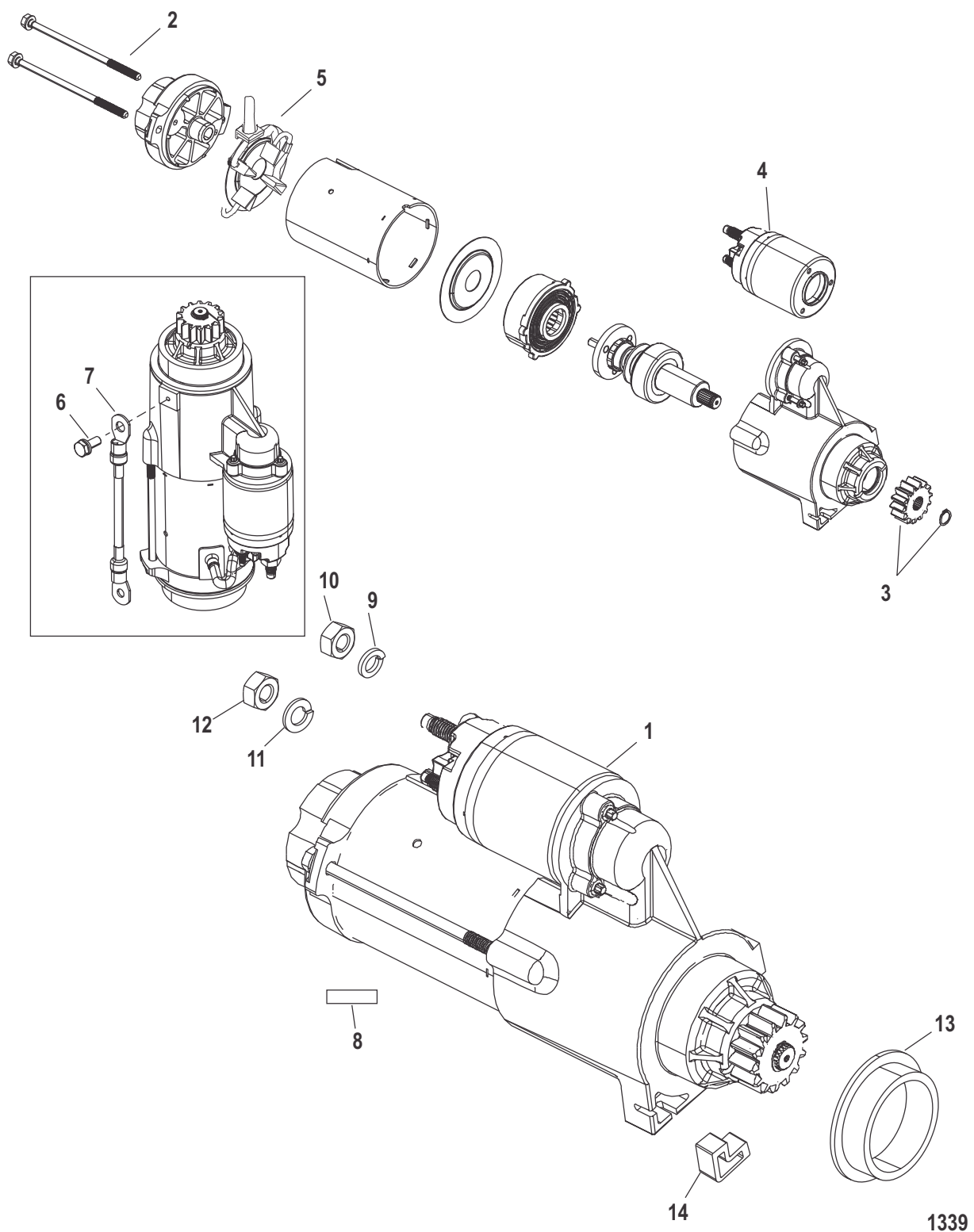
## Electrical Box Components

| Ref # | Part Class | Part Number | Description                                      | Comments | Qty | Note |
|-------|------------|-------------|--------------------------------------------------|----------|-----|------|
| 34    | 0012       | 817274      | WASHER (.344 x 1.00 x .063)<br>Stainless Steel   |          | 1   |      |
| 35    | 0084       | 88439A25    | CABLE ASSEMBLY Battery -<br>Positive             |          | 1   |      |
| 36    | 0011       | 401388      | NUT (M8) Stainless Steel                         |          | 2   |      |
| 37    | 0011       | 86226       | NUT (.375-16) Battery Cable-<br>Positive         |          | 1   |      |
| 38    | 0084       | 88439A26    | CABLE ASSEMBLY Battery -<br>Negative             |          | 1   |      |
| 39    | 0011       | 68292       | NUT (.312-18) Battery Cable-<br>Negative         |          | 1   |      |
| 40    | 0023       | 8502341     | BUSHING                                          |          | 2   | [1]  |
| 41    | 0025       | 833155      | GROMMET                                          |          | 2   | [1]  |
| 42    | 0012       | 817274      | WASHER (.344 x 1.00 x .063)<br>Stainless Steel   |          | 2   | [1]  |
| 43    | 0010       | 88552635    | SCREW (M8 x 35 MM)                               |          | 2   | [1]  |
| 44    | 0000       | 830797A01   | CONNECTOR ASSEMBLY Weather<br>Cap - 2 Pin Female |          | 1   |      |
| -     | 0061       | 896499A08   | LONG BLOCK ASSEMBLY                              |          | 1   | [2]  |

## PART NOTES:

- [1] - COMPONENT OF POWERHEAD/PARTIAL ENGINE 896499A08
- [2] - Alternate part numbers:
- 896499A08QS
- 8M0055436Reman

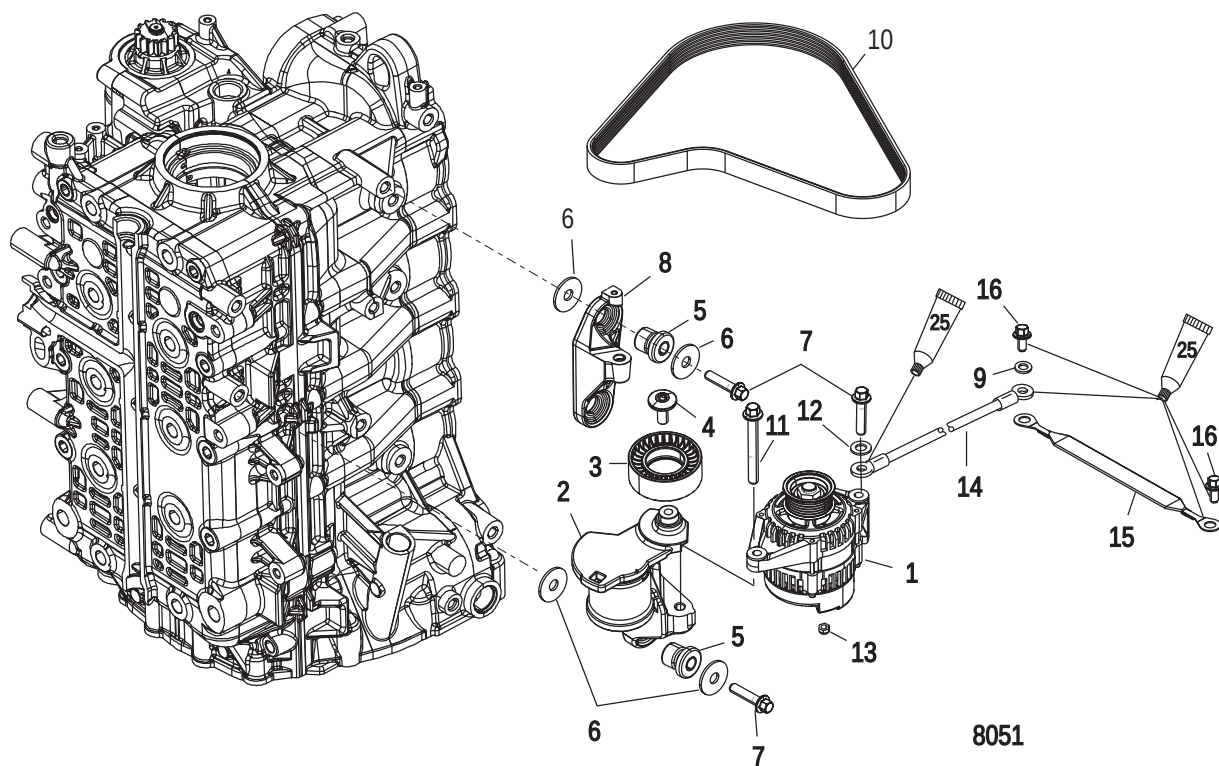
## Starter Motor



## Starter Motor

| Ref # | Part Class | Part Number | Description                                           | Comments | Qty | Note |
|-------|------------|-------------|-------------------------------------------------------|----------|-----|------|
| 1     | 0050       | 892339T01   | STARTER MOTOR ASSEMBLY                                |          | 1   |      |
| 2     |            | NSS         | NOT SOLD SEPARATE Thru Bolt                           |          | 2   |      |
| 3     | 0043       | 880805A1    | GEAR KIT                                              |          | 1   |      |
| 4     | 0000       | 809463A1    | SOLENOID KIT                                          |          | 1   |      |
| 5     | 0000       | 8M0065258   | BRUSH SET                                             |          | 1   |      |
| 6     | 0010       | 69035       | SCREW AND LOCKWASHER (.250-20 x .625) Stainless Steel |          | 1   |      |
| 7     | 0084       | 93388A1     | CABLE ASSEMBLY (6.00 Inches) Black                    |          | 1   |      |
| 8     | 0037       | 8272822     | DECAL Warning                                         |          | 1   |      |
| 9     | 0013       | 400255      | LOCKWASHER (M5)                                       |          | 1   |      |
| 10    | 0011       | 400211      | NUT (M5) Stainless Steel                              |          | 1   |      |
| 11    | 0013       | 26993       | LOCKWASHER (.312)                                     |          | 1   |      |
| 12    | 0011       | 400213      | NUT (M8) Stainless Steel                              |          | 1   |      |
| 13    | 0023       | 8M0034918   | COLLAR                                                |          | 1   |      |
| 14    | 0000       | 879845      | STOP                                                  |          | 1   |      |

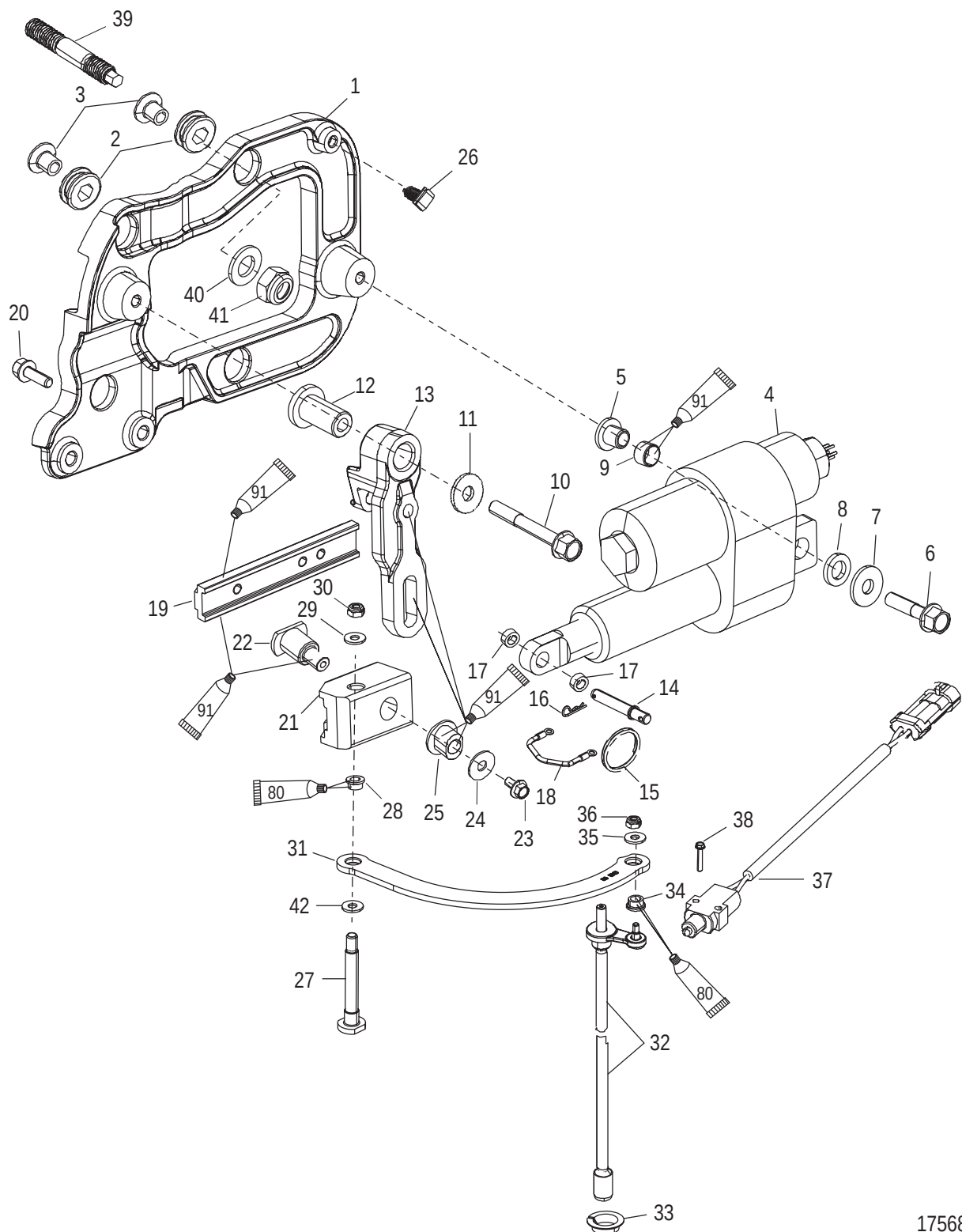
## Alternator/Belt Tensioner Mounting



## Alternator/Belt Tensioner Mounting

| Ref # | Part Class | Part Number | Description                                    | Comments | Qty | Note |
|-------|------------|-------------|------------------------------------------------|----------|-----|------|
| 1     | 0000       | 892940T01   | ALTERNATOR                                     |          | 1   |      |
| 2     | 0000       | 885349T05   | BELT TENSIONER                                 |          | 1   |      |
| 3     | 0000       | 885349500   | PULLEY                                         |          | 1   |      |
| 4     | 0010       | 885349501   | SCREW                                          |          | 1   |      |
| 5     | 0023       | 855729      | MOUNT                                          |          | 4   |      |
| 6     | 0012       | 845998      | WASHER (.406 x 1.250 x .089)                   |          | 8   |      |
| 7     | 0010       | 88552745    | SCREW (M10 x 45)                               |          | 5   |      |
| 8     | 0000       | 88535303S   | BRACKET Alternator                             |          | 1   |      |
| 9     | 0012       | 29245       | WASHER (.281 x .500 x .060)<br>Stainless Steel |          | 1   |      |
| 10    | 0057       | 880566014   | BELT Drive                                     |          | 1   |      |
| 11    | 0010       | 88552785    | SCREW (M10 x 85)                               |          | 1   |      |
| 12    | 0012       | 4002319     | WASHER                                         |          | 1   |      |
| 13    | 0011       | 401386      | NUT (M6) Stainless Steel                       |          | 1   |      |
| 14    | 0084       | 856583A09   | CABLE ASSEMBLY                                 |          | 1   |      |
| 15    | 0084       | 858414A04   | CABLE ASSEMBLY Brass Braided                   |          | 1   |      |
| 15    | 0084       | 858414A05   | CABLE ASSEMBLY Stainless Steel<br>Braided      |          | 1   |      |
| 16    | 0010       | 88552516    | SCREW (M6 x 16 MM) Stainless<br>Steel          |          | 2   |      |

## Shift Components



17568

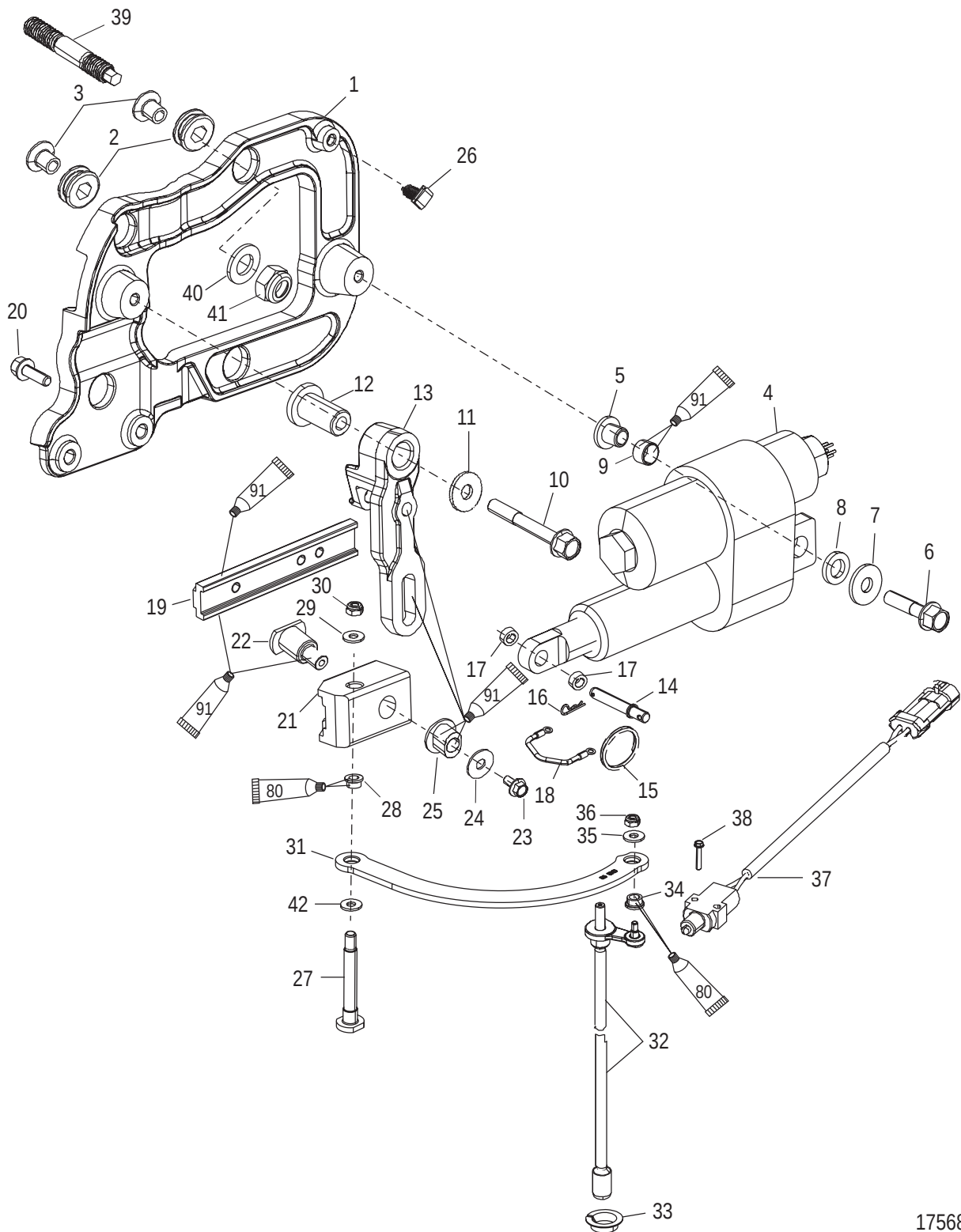


## Shift Components

| Ref # | Part Class | Part Number | Description                                             | Comments | Qty | Note |
|-------|------------|-------------|---------------------------------------------------------|----------|-----|------|
| -     |            | NSS         | NOT SOLD SEPARATE Actuator Plate Assembly-Complete      |          | 1   |      |
| 1     | 0000       | 895739T     | BRACKET Shift                                           |          | 1   |      |
| 2     | 0025       | 855362001   | GROMMET                                                 |          | 4   |      |
| 3     | 0023       | 855364      | BUSHING                                                 |          | 4   |      |
| 4     | 0000       | 8M0048114   | SHIFT ACTUATOR                                          |          | 1   |      |
| 5     | 0023       | 884532001   | BUSHING                                                 |          | 1   |      |
| 6     | 0010       | 81893435    | SCREW (M8 x 35)                                         |          | 1   |      |
| 7     | 0012       | 898097      | WASHER                                                  |          | 1   |      |
| 8     | 0012       | 889661      | WASHER Rubber                                           |          | 1   |      |
| 9     | 0023       | 888589      | WEAR SLEEVE                                             |          | 1   |      |
| 10    | 0010       | 88552660    | SCREW (M8 x 60)                                         |          | 1   |      |
| 11    | 0012       | 898097      | WASHER                                                  |          | 1   |      |
| 12    | 0023       | 884554      | BUSHING                                                 |          | 1   |      |
| 13    | 0000       | 895737      | BELL CRANK                                              |          | 1   |      |
| 14    | 0017       | 895736      | PIN                                                     |          | 1   |      |
| 15    | 0000       | 885569      | SPLIT RING                                              |          | 1   |      |
| 16    |            | NSS         | NOT SOLD SEPARATE Cotter Pin (Service Bulletin 2003-10) |          | 1   |      |
| 17    | 0000       | 884599      | SPACER                                                  |          | 2   |      |
| 18    | 0084       | 88807A6     | CABLE ASSEMBLY (3.50 Inches) Black                      |          | 1   |      |
| 19    | 0000       | 896212      | RAIL SHIFT SLIDE                                        |          | 1   |      |
| 20    | 0010       | 82155025    | SCREW (M8 x 25 MM) Stainless Steel                      |          | 2   |      |
| 21    | 0000       | 898053A01   | SHIFT SLIDER KIT                                        |          | 1   |      |
| 22    | 0023       | 884555      | BUSHING                                                 |          | 1   |      |
| 23    | 0010       | 82104510    | SCREW (M5 x 10)                                         |          | 1   |      |
| 24    | 0012       | 65567       | WASHER (.265 x .750 x .048) Stainless Steel             |          | 1   |      |
| 25    | 0000       | 887901      | BUSHING                                                 |          | 1   |      |
| 26    | 0054       | 828991T     | CLIP                                                    |          | 1   |      |
| 27    | 0016       | 8M0025850   | STUD (Included with Reference 21)                       |          | 1   |      |
| 28    | 0023       | 896551      | BUSHING                                                 |          | 1   |      |
| 29    | 0012       | 35462       | WASHER (.2656 x .625 x .0625) Stainless Steel           |          | 1   |      |
| 30    | 0011       | 401386      | NUT (M6) Stainless Steel                                |          | 1   |      |
| 31    | 0000       | 895742      | SHIFT LINK                                              |          | 1   |      |
| 32    | 0000       | 899167      | LEVER Shift Shaft                                       | (Long)   | 1   |      |
| 32    | 0000       | 899167001   | LEVER Shift Shaft                                       | (X-Long) | 1   |      |
| 33    | 0023       | 74647       | NYLINER                                                 |          | 1   |      |
| 34    | 0023       | 896551      | BUSHING                                                 |          | 1   |      |
| 35    | 0012       | 35462       | WASHER (.2656 x .625 x .0625) Stainless Steel           |          | 1   |      |
| 36    | 0011       | 8M0045046   | NUT (M6) Stainless Steel                                |          | 1   |      |
| 37    | 0087       | 889514A01   | SWITCH                                                  |          | 1   |      |
| 38    | 0010       | 88075020    | SCREW (M3 x 20)                                         |          | 2   |      |
| 39    | 0016       | 896550      | STUD (M8 x 50)                                          |          | 4   |      |

## Shift Components

## Shift Components



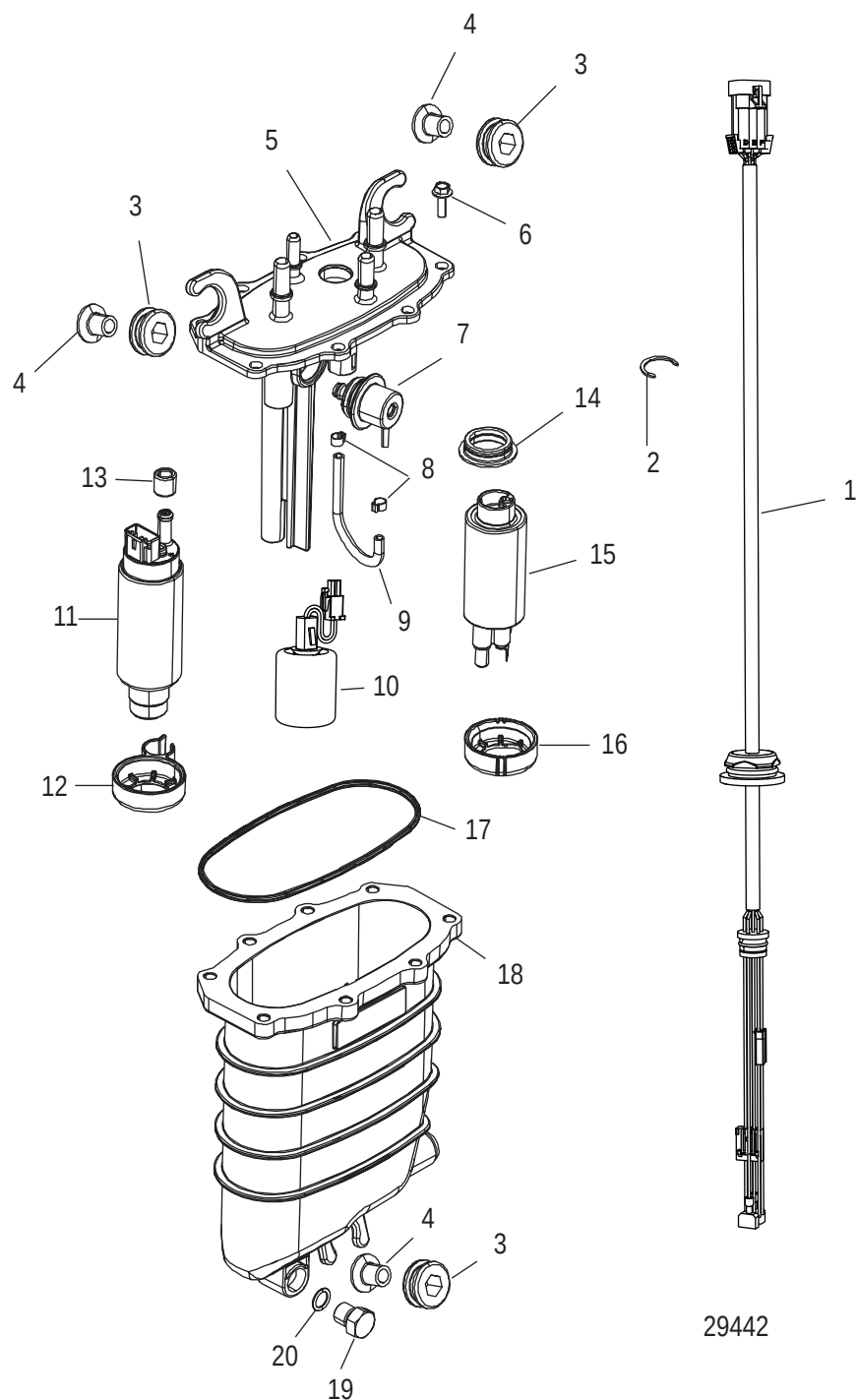
17568

**Cat.# 90-898164008**

## Shift Components

| Ref # | Part Class | Part Number | Description                                    | Comments | Qty | Note |
|-------|------------|-------------|------------------------------------------------|----------|-----|------|
| 40    | 0012       | 4002318     | WASHER                                         |          | 4   |      |
| 41    | 0011       | 401388      | NUT (M8) Stainless Steel                       |          | 4   |      |
| 42    | 0012       | 814806      | WASHER (.344 x .688 x .065)<br>Stainless Steel |          | 1   |      |

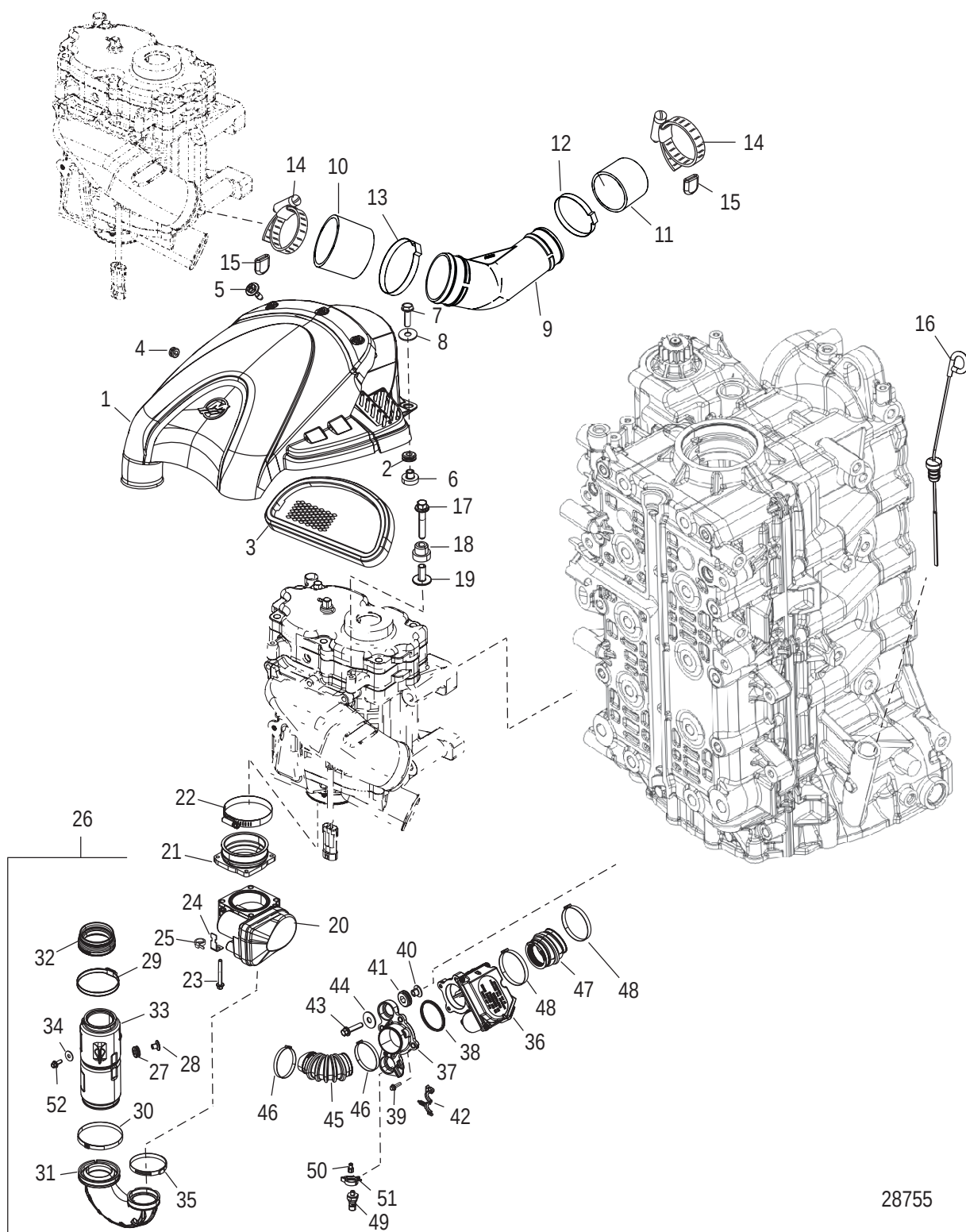
## Fuel Supply Module



## Fuel Supply Module

| Ref # | Part Class | Part Number | Description                        | Comments | Qty | Note |
|-------|------------|-------------|------------------------------------|----------|-----|------|
| -     | 0000       | 880596T08   | MODULE Fuel Supply                 |          | 1   |      |
| 1     | 0084       | 880596520   | HARNESS ASSEMBLY                   |          | 1   |      |
| 2     | 0053       | 880596515   | CLIP                               |          | 1   |      |
| 3     | 0025       | 855362001   | GROMMET                            |          | 3   |      |
| 4     | 0023       | 855364      | BUSHING                            |          | 3   |      |
| 5     | 0000       | 880596T50   | COVER KIT                          |          | 1   |      |
| 6     | 0010       | 880596513   | SCREW                              |          | 8   |      |
| 7     | 0000       | 880596503   | REGULATOR With O-Rings             |          | 1   |      |
| 8     | 0054       | 880596512   | CLAMP                              |          | 2   |      |
| 9     | 0032       | 880596511   | HOSE                               |          | 1   |      |
| 10    | 0000       | 880596524   | FLOAT                              |          | 1   |      |
| 11    | 0000       | 880596T60   | PUMP ASSEMBLY Fuel - High Pressure |          | 1   |      |
| 12    | 0000       | 880596525   | CUSHION                            |          | 1   |      |
| 13    | 0026       | 8M0026760   | SEAL                               |          | 1   |      |
| 14    | 0026       | 880596510   | SEAL                               |          | 1   |      |
| 15    | 0000       | 880596T58   | PUMP KIT Fuel - Lift               |          | 1   |      |
| 16    | 0000       | 880596509   | ISOLATOR                           |          | 1   |      |
| 17    | 0026       | 880596502   | SEAL                               |          | 1   |      |
| 18    | 0000       | 880596T51   | HOUSING ASSEMBLY                   |          | 1   |      |
| 19    | 0019       | 880596516   | PLUG                               |          | 1   |      |
| 20    | 0025       | 880596517   | O-RING                             |          | 1   |      |
| -     | 0026       | 880596A03   | REPAIR KIT Seal                    |          | 1   |      |
| -     | 0000       | 889283A01   | TOOL KIT Fuel Priming              |          | 1   |      |

## Induction Components

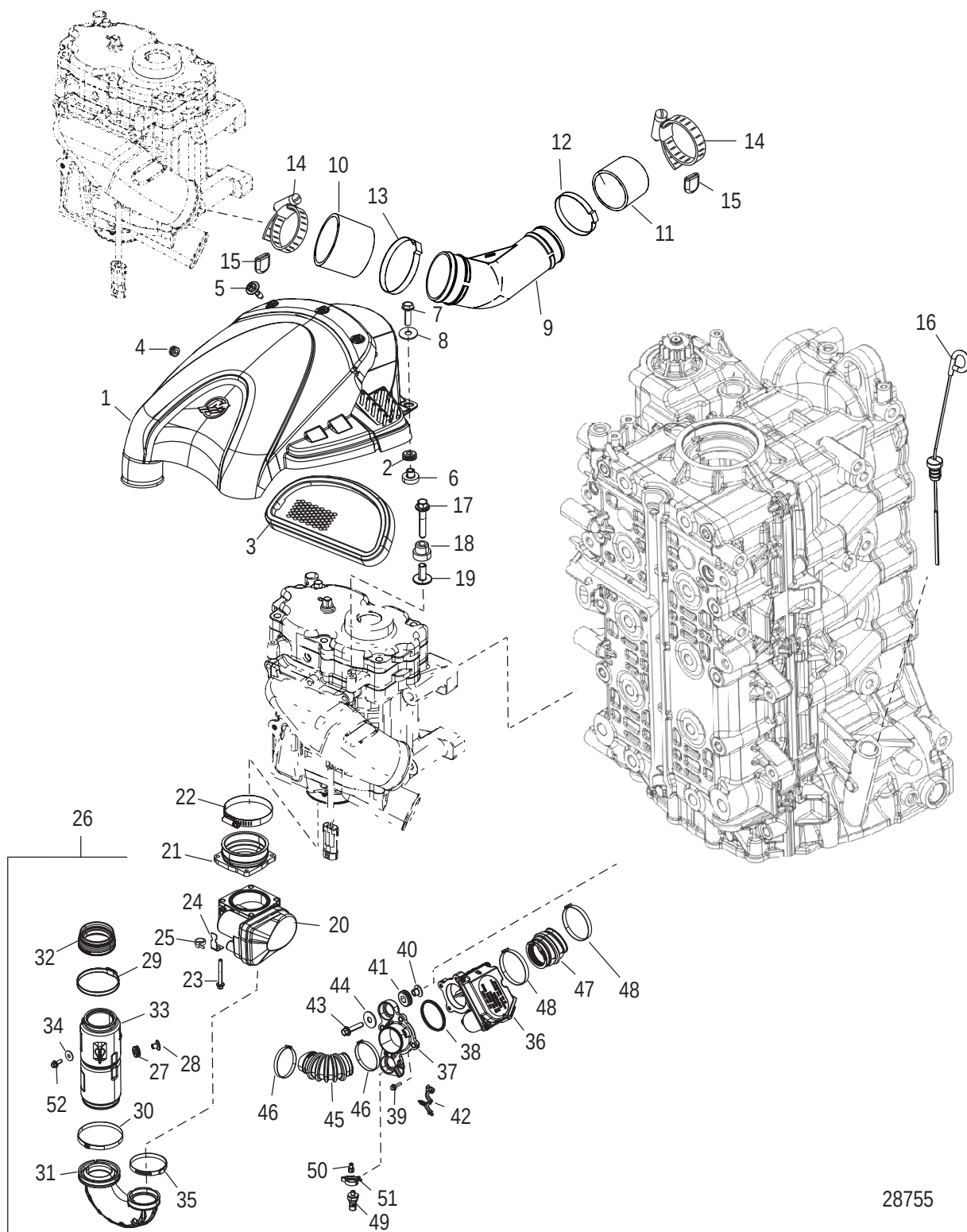


28755

## Induction Components

| Ref # | Part Class | Part Number | Description                                    | Comments | Qty | Note |
|-------|------------|-------------|------------------------------------------------|----------|-----|------|
| 1     | 0000       | 896246A04   | INTAKE ASSEMBLY Upper                          |          | 1   |      |
| 2     | 0025       | 8349851     | GROMMET                                        |          | 2   |      |
| 3     | 0035       | 896247      | FILTER                                         |          | 1   |      |
| 4     | 0025       | 20116       | GROMMET Fuel Vent Hose                         |          | 1   |      |
| 5     | 0010       | 897703      | SCREW                                          |          | 3   |      |
| 6     | 0023       | 826618      | BUSHING                                        |          | 2   |      |
| 7     | 0010       | 40011129    | SCREW (M6 x 25) Stainless Steel                |          | 2   |      |
| 8     | 0012       | 65567       | WASHER (.265 x .750 x .048)<br>Stainless Steel |          | 2   |      |
| 9     | 0032       | 8M0005899   | TUBE ASSEMBLY Hot Air Duct                     |          | 1   |      |
| 10    | 0032       | 896259      | HOSE                                           |          | 1   |      |
| 11    | 0032       | 896271      | HOSE                                           |          | 1   |      |
| 12    | 0054       | 888988020   | CLAMP Oetiker                                  |          | 1   |      |
| 13    | 0054       | 888988021   | CLAMP Oetiker                                  |          | 1   |      |
| 14    | 0054       | 893342      | CLAMP                                          |          | 2   |      |
| 15    | 0019       | 8079923     | COVER Hose Clamp End                           |          | 2   |      |
| 16    | 0000       | 898022      | DIPSTICK Oil                                   |          | 1   |      |
| 17    | 0010       | 88552530    | SCREW (M6 x 30 MM) Stainless Steel             |          | 1   |      |
| 18    | 0025       | 813644002   | GROMMET                                        |          | 1   |      |
| 19    | 0023       | 898445      | BUSHING                                        |          | 1   |      |
| 20    | 0000       | 892949T02   | CONTROL ASSEMBLY Throttle -<br>Electronic      |          | 1   |      |
| 21    | 0000       | 892950T02   | ISOLATOR                                       |          | 1   |      |
| 22    | 0054       | 815504244   | CLAMP Worm Gear                                |          | 1   |      |
| 23    | 0010       | 88552550    | SCREW (M6 x 50 MM) Stainless Steel             |          | 4   |      |
| 24    | 0000       | 884353      | BRACKET                                        |          | 2   |      |
| 25    | 0054       | 816311T     | TIE STRAP (8.00 Inches)                        |          | AR  |      |
| 26    | 0000       | 892383T51   | INTAKE ASSEMBLY Lower                          |          | 1   |      |
| 27    | 0025       | 8349851     | GROMMET                                        |          | 1   |      |
| 28    | 0023       | 856954      | BUSHING                                        |          | 1   |      |
| 29    | 0054       | 888988026   | CLAMP                                          |          | 1   |      |
| 30    | 0054       | 888988027   | CLAMP                                          |          | 1   |      |
| 31    | 0000       | 896245001   | DUCT Inlet                                     |          | 1   |      |
| 32    | 0000       | 896244      | COUPLER                                        |          | 1   |      |
| 33    |            | NSS         | NOT SOLD SEPARATE<br>Resonator                 |          | 1   |      |
| 34    | 0012       | 65567       | WASHER (.265 x .750 x .048)<br>Stainless Steel |          | 1   |      |
| 35    | 0054       | 889691      | CLAMP Oetiker                                  |          | 1   |      |
| 36    | 0000       | 884408A07   | VALVE KIT Control - Electric Boost             |          | 1   |      |
| 37    | 0000       | 887939007   | PLATE Boost Valve Mounting                     |          | 1   |      |
| 38    | 0025       | 892079      | O-RING                                         |          | 1   |      |
| 39    | 0010       | 88552520    | SCREW (M6 x 20 MM) Stainless Steel             |          | 4   |      |
| 40    | 0023       | 8502341     | BUSHING                                        |          | 2   |      |
| 41    | 0025       | 833155      | GROMMET                                        |          | 2   |      |

## Induction Components



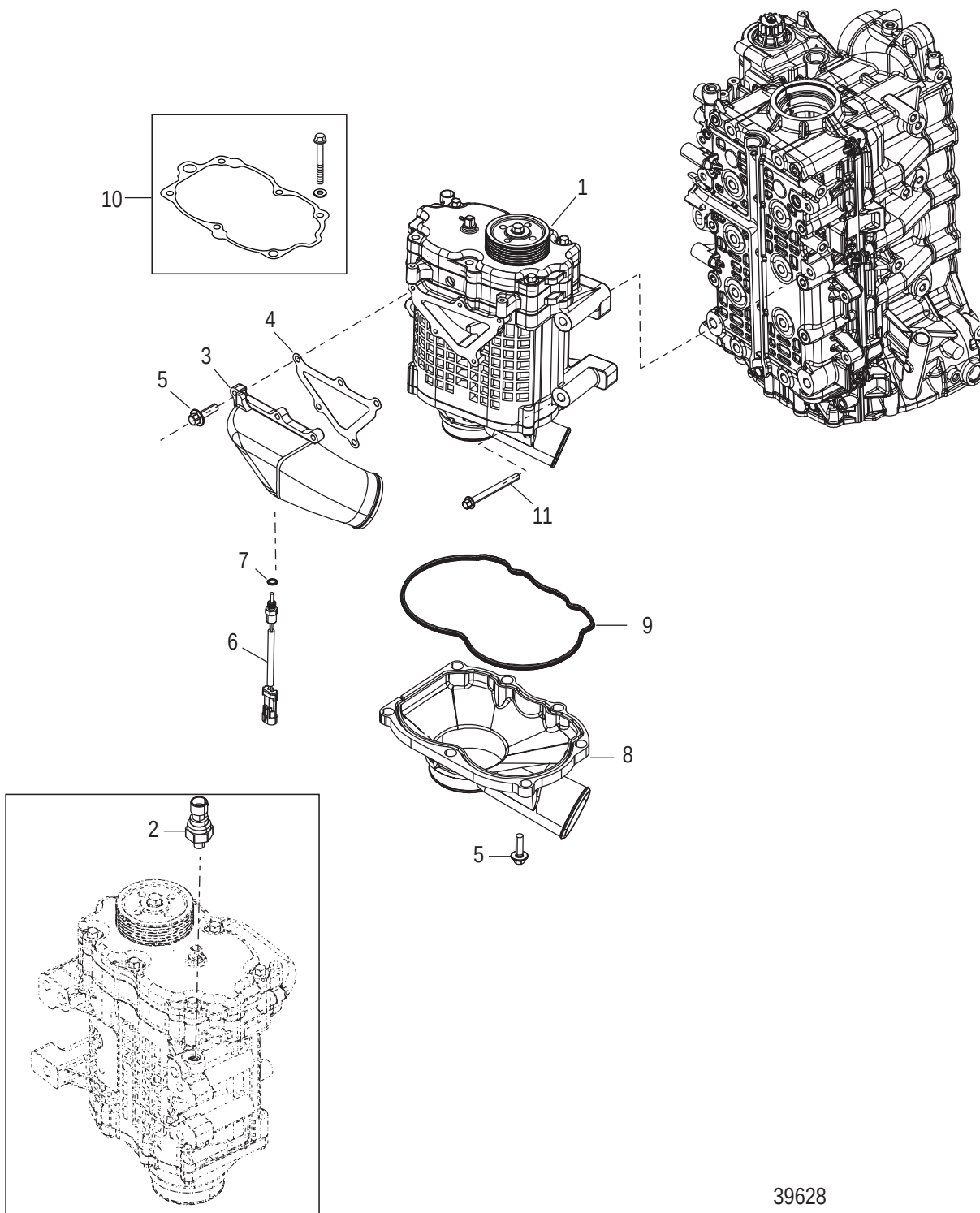
28755



**Induction Components**

| Ref # | Part Class | Part Number | Description                                       | Comments | Qty | Note |
|-------|------------|-------------|---------------------------------------------------|----------|-----|------|
| 42    | 0054       | 859376      | CLIP                                              |          | 1   |      |
| 43    | 0010       | 88552635    | SCREW (M8 x 35 MM)                                |          | 2   |      |
| 44    | 0012       | 817274      | WASHER (.344 x 1.00 x .063)<br>Stainless Steel    |          | 2   |      |
| 45    | 0032       | 892947001   | HOSE                                              |          | 1   |      |
| 46    | 0054       | 888988002   | CLAMP (57.5 mm) Front Electronic<br>Boost Control |          | 2   |      |
| 47    | 0032       | 887938003   | TUBE Rear                                         |          | 1   |      |
| 48    | 0054       | 888988004   | CLAMP (62.0 mm) Rear Electronic<br>Boost Control  |          | 2   |      |
| 49    | 0000       | 881879A16   | SENSOR ASSEMBLY Pitot                             |          | 1   |      |
| 50    | 0022       | 892403      | FITTING                                           |          | 1   |      |
| 51    | 0054       | 883066      | CLIP (.865)                                       |          | 1   |      |
| 52    | 0010       | 88552525    | SCREW (M6 x 25 MM) Stainless<br>Steel             |          | 1   |      |

## SuperCharger



39628

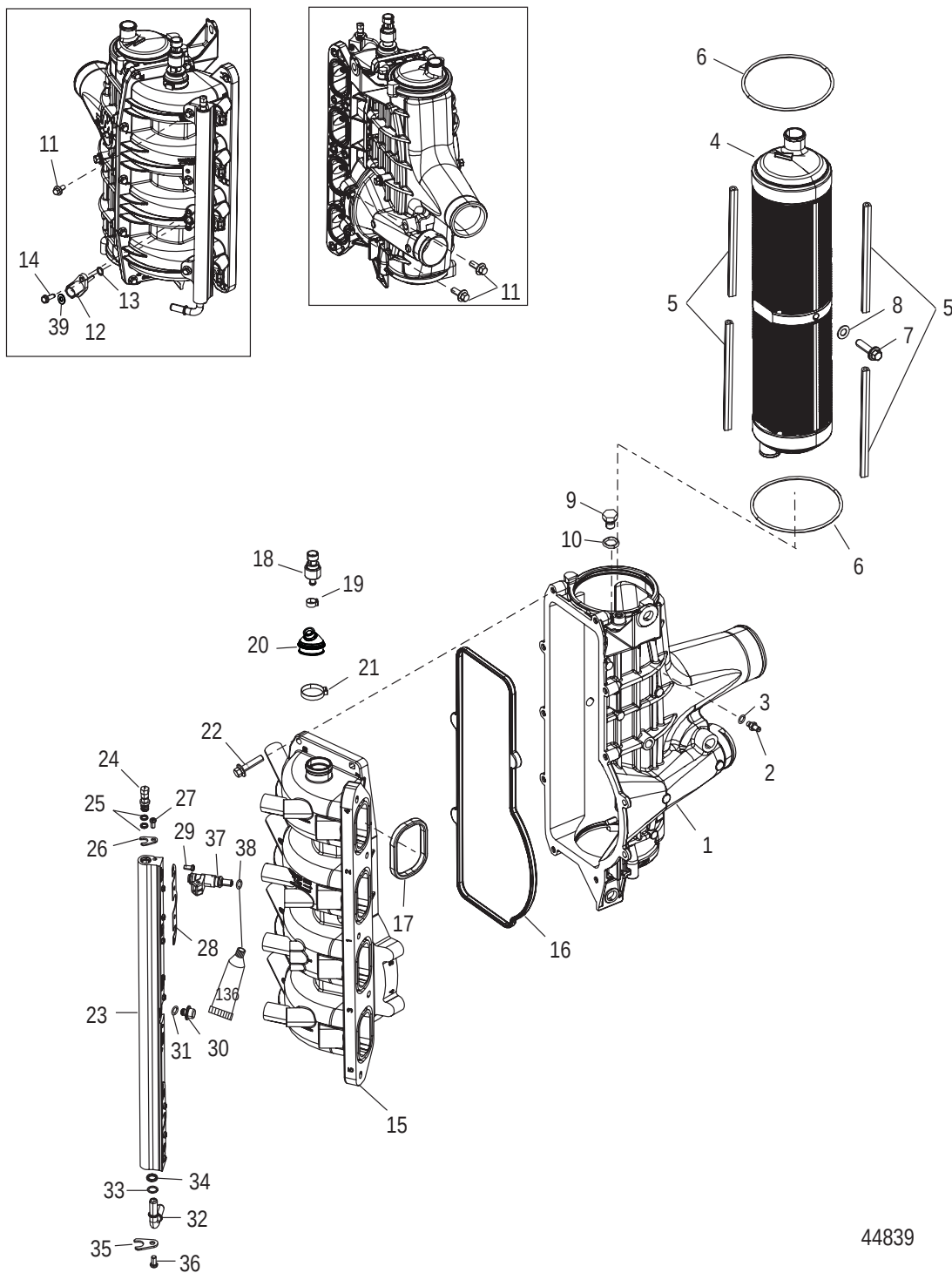
## SuperCharger

| Ref # | Part Class | Part Number | Description               | Comments | Qty | Note |
|-------|------------|-------------|---------------------------|----------|-----|------|
| 1     | 0000       | 892807T05   | SUPERCHARGER              |          | 1   | [1]  |
| 2     | 0000       | 897447002   | SENSOR Oil Pressure       |          | 1   |      |
| 3     | 0000       | 8M0033976   | DUCT KIT Outlet           |          | 1   |      |
| 4     | 0027       | 888947504   | GASKET                    |          | 1   |      |
| 5     | 0010       | 888947502   | BOLT                      |          | 9   |      |
| 6     | 0000       | 885342002   | SENSOR ASSEMBLY           |          | 1   |      |
| 7     | 0025       | 896699      | O-RING (1.78 mm x .08 mm) |          | 1   |      |
| 8     | 0000       | 8M0033874   | DUCT KIT Inlet            |          | 1   |      |
| 9     | 0027       | 888947501   | GASKET                    |          | 1   |      |
| 10    | 0023       | 847803A02   | BUSHING/GASKET KIT        |          | 1   |      |
| 11    | 0010       | 885527105   | SCREW (M10 x 105)         |          | 4   |      |

## PART NOTES:

- [1] - Alternate part numbers:
- 892807R05Reman
- 892807T05QS

# Charge Cooler/Intake Manifold (Gen I) End Cap Not Serviced



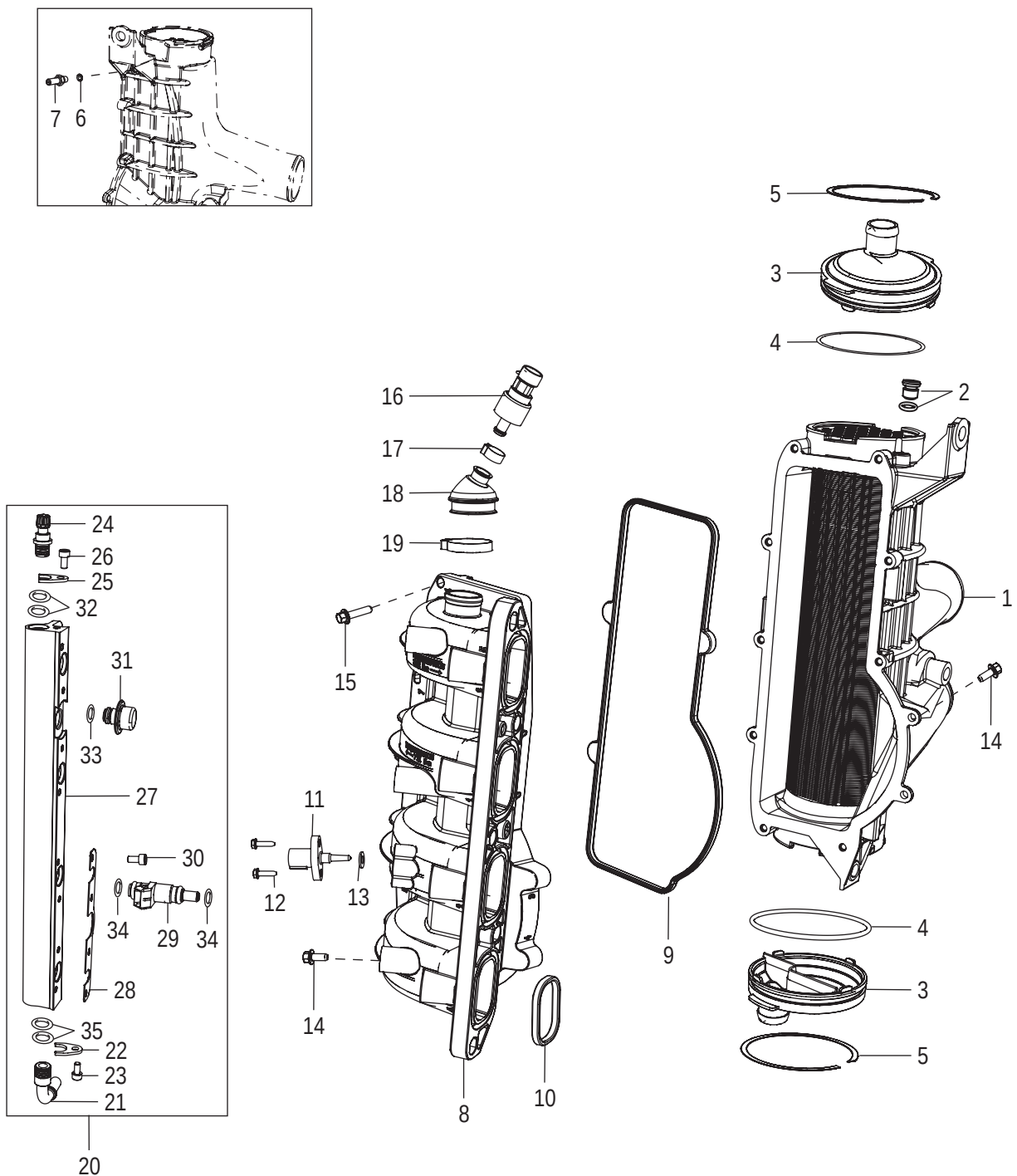
44839

## Charge Cooler/Intake Manifold (Gen I) End Cap Not Serviced

| Ref # | Part Class | Part Number | Description                          | Comments                                     | Qty | Note |
|-------|------------|-------------|--------------------------------------|----------------------------------------------|-----|------|
| -     | 0000       | 892952T03   | IAFM ASSEMBLY                        | [1B733800] & Below                           | 1   |      |
| -     | 0000       | 892952T05   | MODULE ASSEMBLY Intergrated Air/Fuel | [1B733801-1B842419,1B870105] THRU [1B870852] | 1   |      |
| 1     | 0000       | 892953A01   | CAC ASSEMBLY                         |                                              | 1   |      |
| 2     |            | NSS         | NOT SOLD SEPARATE Fitting            |                                              | 1   |      |
| 3     |            | NSS         | NOT SOLD SEPARATE O-Ring             |                                              | 1   |      |
| 4     |            | NSS         | NOT SOLD SEPARATE Stack Assembly     |                                              | 1   |      |
| 5     |            | NSS         | NOT SOLD SEPARATE Seal Kit           |                                              | 4   |      |
| 6     |            | NSS         | NOT SOLD SEPARATE Seal               |                                              | 2   |      |
| 7     |            | NSS         | NOT SOLD SEPARATE Screw              |                                              | 2   |      |
| 8     |            | NSS         | NOT SOLD SEPARATE Washer             |                                              | 2   |      |
| 9     | 0022       | 895034      | FITTING                              |                                              | 1   |      |
| 10    |            | NSS         | NOT SOLD SEPARATE O-Ring             |                                              | 1   |      |
| 11    | 0010       | 895053      | SCREW (M6 x 15)                      |                                              | 5   |      |
| 12    | 0000       | 891663001   | SENSOR ASSEMBLY Temperature          |                                              | 1   |      |
| 13    | 0025       | 892317001   | O-RING                               |                                              | 1   |      |
| 14    | 0010       | 895054      | SCREW (M4 x 16 MM)                   |                                              | 2   |      |
| 15    | 0000       | 892954A01   | MANIFOLD ASSEMBLY Intake             |                                              | 1   |      |
| 16    | 0026       | 896663      | SEAL                                 |                                              | 1   |      |
| 17    | 0000       | 895020      | SEAL                                 |                                              | 6   |      |
| 18    | 0000       | 885548002   | SENSOR                               | MAP                                          | 1   |      |
| 19    | 0054       | 888988015   | CLAMP (15.7 mm) Map Sensor to Boot   |                                              | 1   |      |
| 20    | 0000       | 892952500   | BOOT                                 |                                              | 1   |      |
| 21    | 0054       | 888988001   | CLAMP (36.1 mm)                      |                                              | 1   |      |
| 22    | 0010       | 895052      | SCREW (M6 x 25 MM)                   |                                              | 9   |      |
| 23    | 0000       | 896503A01   | FUEL RAIL KIT                        |                                              | 1   |      |
| 24    | 0000       | 895028A01   | VALVE Schrader                       |                                              | 1   |      |
| 25    | 0025       | 895056      | O-RING                               |                                              | 2   |      |
| 26    | 0000       | 895026      | BRACKET                              |                                              | 1   |      |
| 27    | 0010       | 895051      | SCREW (M5 x 10)                      |                                              | 1   |      |
| 28    | 0000       | 895024      | BRACKET                              |                                              | 3   |      |
| 29    | 0010       | 895051      | SCREW (M5 x 10)                      |                                              | 12  |      |
| 30    | 0000       | 895025      | DAMPER                               |                                              | 1   |      |
| 31    | 0025       | 851889      | O-RING                               |                                              | 1   |      |
| 32    | 0032       | 895029A01   | TUBE KIT Fuel Inlet                  |                                              | 1   |      |
| 33    | 0012       | 895055      | WASHER                               |                                              | 1   |      |
| 34    | 0025       | 895057      | O-RING                               |                                              | 1   |      |
| 35    | 0000       | 895027      | BRACKET                              |                                              | 1   |      |
| 36    | 0010       | 895051      | SCREW (M5 x 10)                      |                                              | 1   |      |
| 37    | 0000       | 8M0006027   | INJECTOR Fuel                        |                                              | 4   |      |
| 38    | 0025       | 851889      | O-RING                               |                                              | 8   |      |
| 39    | 0027       | 8M0006599   | GASKET                               |                                              | 1   |      |

Charge Cooler/Intake Manifold (Gen I) End Cap Not Serviced

# Charge Cooler/Intake Manifold (Gen II) End Cap Serviced



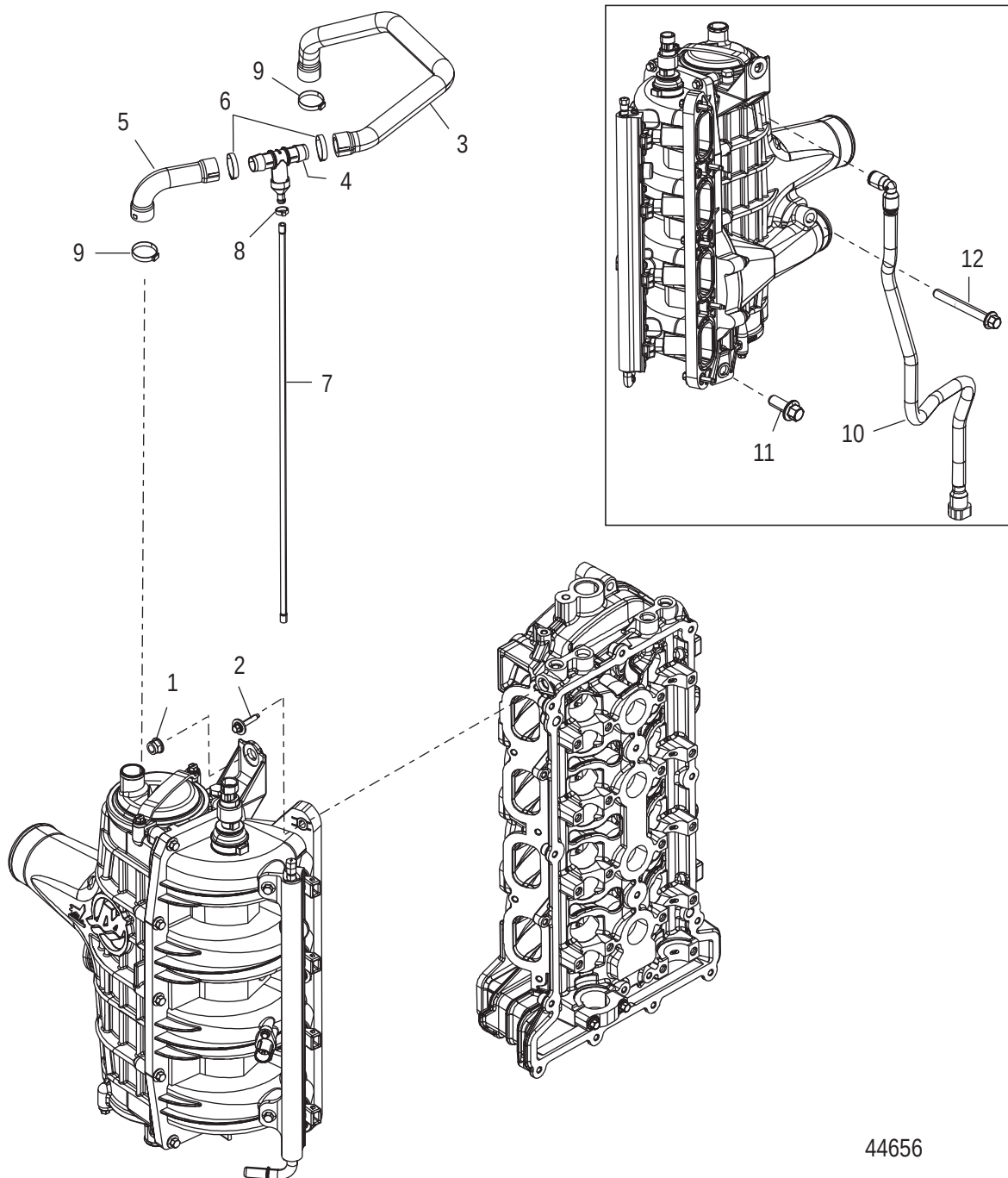
43734

## Charge Cooler/Intake Manifold (Gen II) End Cap Serviced

| Ref # | Part Class | Part Number | Description                                              | Comments                   | Qty | Note |
|-------|------------|-------------|----------------------------------------------------------|----------------------------|-----|------|
| -     | 0000       | 8M0053762   | MODULE ASSEMBLY Integrated Air Fuel                      | [1B842420] THRU [1B870104] | 1   |      |
| -     | 0000       | 8M0092409   | MODULE ASSEMBLY Integrated Air Fuel                      | [1B870853] & Up            | 1   |      |
| 1     | 0000       | 8M0046691   | CAC ASSEMBLY                                             |                            | 1   |      |
| 2     | 0019       | 8M0039519   | PLUG Zero Leak (M8 x 1.0) Secondary Pressure             |                            | 1   |      |
| 3     | 0000       | 8M0046698   | END CAP ASSEMBLY                                         |                            | 2   |      |
| 4     | 0025       | 8M0039516   | O-RING                                                   |                            | 1   |      |
| 5     | 0053       | 8M0039464   | RING Retaining                                           |                            | 1   |      |
| 6     | 0025       | 8M0040116   | O-RING                                                   |                            | 1   |      |
| 7     | 0022       | 8M0039993   | FITTING                                                  |                            | 1   |      |
| 8     |            | NSS         | NOT SOLD SEPARATE                                        | INTAKE MANIFOLD            | 1   |      |
| 9     | 0026       | 896663      | SEAL Manifold to CAC                                     |                            | 1   |      |
| 10    | 0000       | 895020      | SEAL Manifold Head                                       |                            | 4   |      |
| 11    | 0000       | 891663001   | SENSOR ASSEMBLY Temperature                              |                            | 1   |      |
| 12    | 0010       | 895054      | SCREW (M4 x 16 MM)                                       |                            | 2   |      |
| 13    | 0025       | 892317001   | O-RING                                                   |                            | 1   |      |
| 14    | 0010       | 88552516    | SCREW (M6 x 16 MM) Stainless Steel Fuel Rail to Manifold |                            | 3   |      |
| 14    | 0010       | 88552516    | SCREW (M6 x 16 MM) Stainless Steel CAC to Manifold       |                            | 2   |      |
| 15    | 0010       | 88552525    | SCREW (M6 x 25 MM) Stainless Steel Manifold to CAC       |                            | 9   |      |
| 16    | 0000       | 8M0010248   | SENSOR                                                   | MAP                        | 1   |      |
| 17    | 0054       | 888988015   | CLAMP (15.7 mm)                                          |                            | 1   |      |
| 18    | 0000       | 8M0041053   | BOOT MAP Sensor                                          |                            | 1   |      |
| 19    | 0054       | 888988001   | CLAMP (36.1 mm)                                          |                            | 1   |      |
| 20    | 0000       | 8M0041074   | FUEL RAIL ASSEMBLY                                       |                            | 1   |      |
| 21    | 0032       | 8M0047054   | TUBE KIT Fuel Inlet                                      |                            | 1   |      |
| 22    | 0000       | 8M0041097   | BRACKET                                                  |                            | 1   |      |
| 23    | 0010       | 8M0041100   | SCREW (M5 x 10)                                          |                            | 1   |      |
| 24    | 0000       | 8M0047053   | VALVE KIT Schrader                                       |                            | 1   |      |
| 25    | 0000       | 8M0041097   | BRACKET                                                  |                            | 1   |      |
| 26    | 0010       | 8M0041100   | SCREW (M5 x 10)                                          |                            | 1   |      |
| 27    |            | NSS         | NOT SOLD SEPARATE FUEL RAIL                              |                            | 1   |      |
| 28    | 0000       | 8M0041096   | BRACKET Fuel Injector Mounting                           |                            | 2   |      |
| 29    | 0000       | 8M0041571   | INJECTOR ASSEMBLY Fuel                                   |                            | 4   |      |
| 30    | 0010       | 8M0041100   | SCREW (M5 x 10)                                          |                            | 8   |      |
| 31    | 0000       | 8M0041101   | DAMPER                                                   |                            | 1   |      |
| -     | 0025       | 8M0132738   | O-RING KIT                                               |                            | 1   |      |
| 32    |            | NSS         | NOT SOLD SEPARATE O-RING, Schrader Valve                 |                            | 2   |      |
| 33    | 0025       | 851889      | O-RING Damper                                            |                            | 1   |      |
| 34    | 0025       | 851889      | O-RING Fuel Injector                                     |                            | 4   |      |
| 35    |            | NSS         | NOT SOLD SEPARATE O-RING, Tube                           |                            | 2   |      |

Charge Cooler/Intake Manifold (Gen II) End Cap Serviced

## Charge Cooler/Intake Manifold Hose Routings

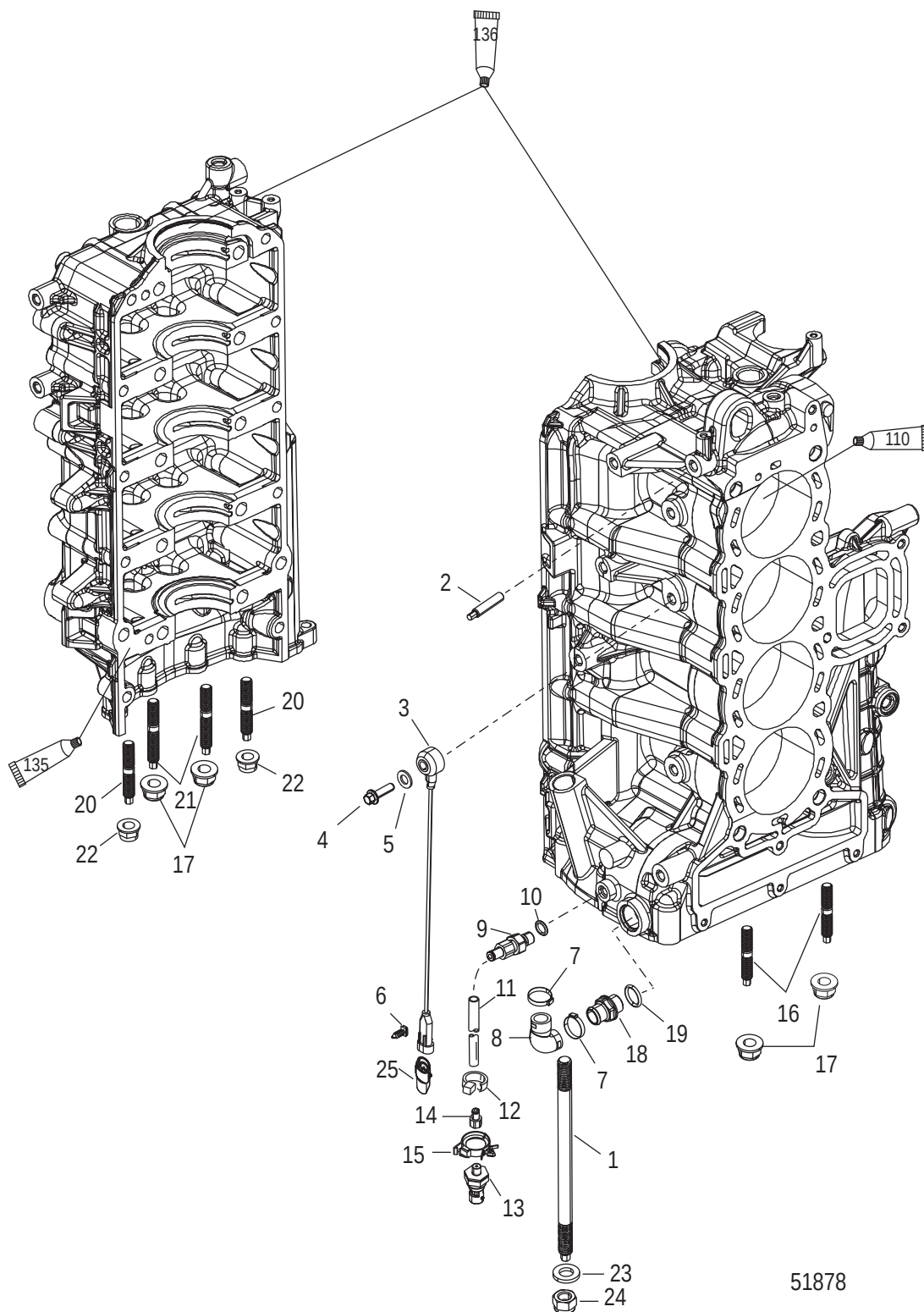




**Charge Cooler/Intake Manifold Hose Routings**

| Ref # | Part Class | Part Number | Description                              | Comments | Qty | Note |
|-------|------------|-------------|------------------------------------------|----------|-----|------|
| 1     | 0011       | 826292      | NUT (M10) Brass/Nickel Plated            |          | 1   |      |
| 2     | 0010       | 8M0048051   | SCREW (M6 x 30) Stainless Steel          |          | 5   |      |
| -     |            | NSS         | NOT SOLD SEPARATE Hose Assembly-Complete |          | 1   |      |
| 3     | 0032       | 896255      | HOSE                                     |          | 1   |      |
| 4     | 0022       | 889633A04   | FITTING ASSEMBLY Flushing                |          | 1   |      |
| 5     | 0032       | 889592001   | HOSE                                     |          | 1   |      |
| 6     | 0054       | 888988008   | CLAMP (34.6 MM)                          |          | 2   |      |
| 7     | 0032       | 896257      | HOSE                                     |          | 1   |      |
| 8     | 0054       | 850181      | TIE STRAP (11.750 Inches)                |          | 1   |      |
| 9     | 0054       | 888988008   | CLAMP (34.6 MM)                          |          | 2   |      |
| 10    | 0032       | 8M0012207   | HOSE Manifold Reference-Upper            |          | 1   |      |
| 11    | 0010       | 88552730    | SCREW (M10 x 30)                         |          | 1   |      |
| 12    | 0010       | 88552765    | SCREW (M10 x 65)                         |          | 1   |      |

# Port Cylinder Block Components



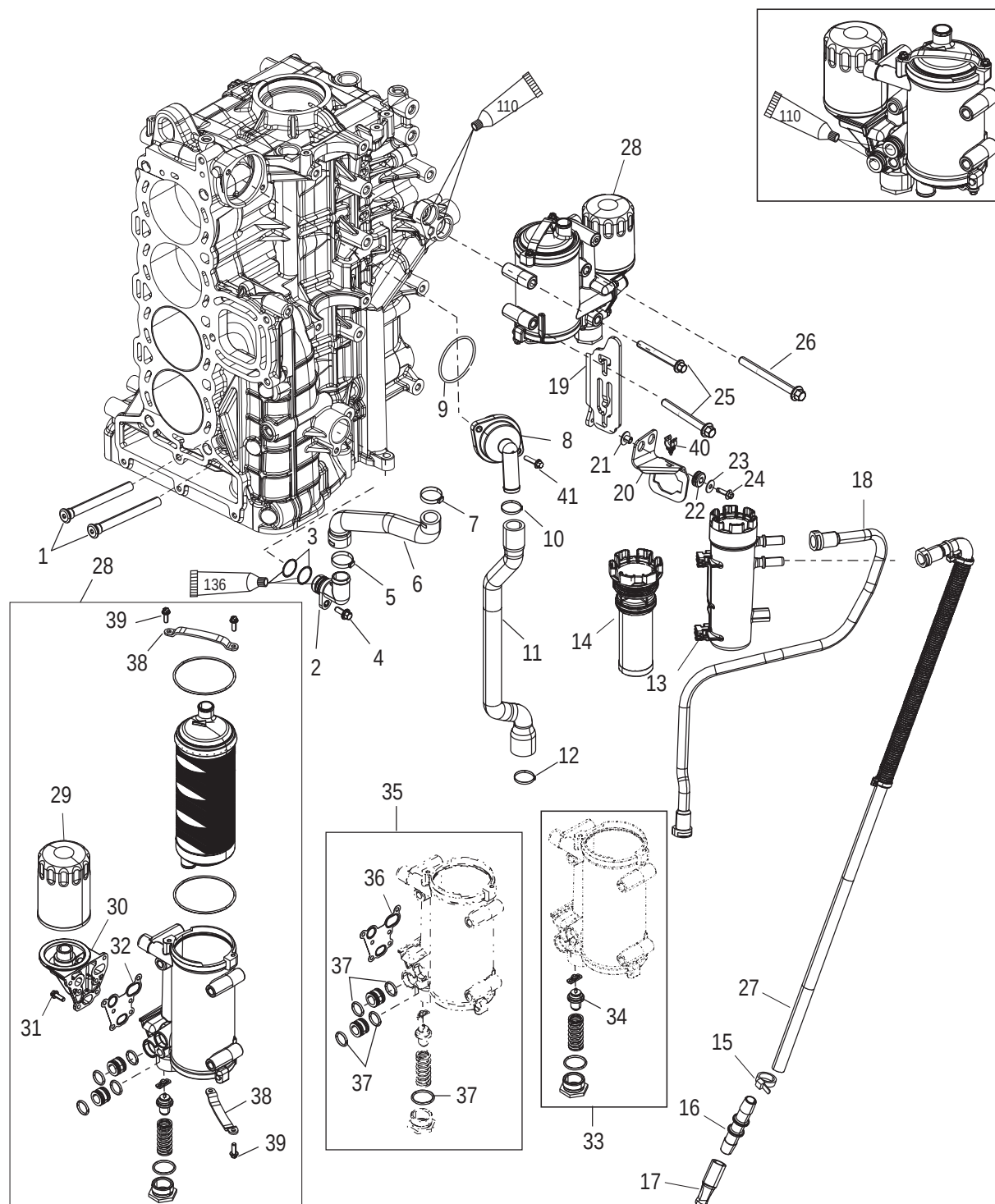
## Port Cylinder Block Components

| Ref # | Part Class | Part Number | Description                                                                    | Comments                                           | Qty | Note |
|-------|------------|-------------|--------------------------------------------------------------------------------|----------------------------------------------------|-----|------|
| 1     | 0016       | 896148      | STUD (M10 x 175)                                                               |                                                    | 6   | [1]  |
| 2     | 0016       | 888997001   | STUD                                                                           |                                                    | 1   |      |
| 3     | 0000       | 878187      | SENSOR ASSEMBLY Knock                                                          |                                                    | 1   |      |
| 4     | 0010       | 892086035   | SCREW (M10 x 35)                                                               |                                                    | 1   |      |
| 5     | 0012       | 4002319     | WASHER                                                                         |                                                    | 1   |      |
| 6     | 0054       | 828991T     | CLIP                                                                           |                                                    | 1   |      |
| 7     | 0054       | 888988008   | CLAMP (34.6 MM)                                                                |                                                    | 2   |      |
| 8     | 0032       | 885544002   | HOSE                                                                           | [1B842419 & Below,<br>1B870105] THRU<br>[1B870852] | 1   |      |
| 8     | 0032       | 8M0043736   | HOSE                                                                           | [1B842420 thru 1B870104,<br>1B870853] & Up         | 1   |      |
| 9     | 0022       | 896094A01   | FITTING ASSEMBLY                                                               |                                                    | 1   | [1]  |
| 10    | 0025       | 896699      | O-RING (1.78 mm x .08 mm)                                                      |                                                    | 1   | [1]  |
| 11    | 0032       | 85978571    | TUBING (52.00 Inches Bulk) To<br>Water Pressure Sensor (Cut to 21.5<br>Inches) |                                                    | 1   |      |
| 12    | 0054       | 816311T     | TIE STRAP (8.00 Inches)                                                        |                                                    | 1   |      |
| 13    | 0000       | 881879A20   | SENSOR ASSEMBLY Pressure<br>Water                                              |                                                    |     |      |
| 14    | 0022       | 892403      | FITTING                                                                        |                                                    | 1   |      |
| 15    | 0054       | 883066      | CLIP (.865)                                                                    |                                                    | 1   |      |
| 16    | 0016       | 897598      | STUD (M8 x 49)                                                                 |                                                    | 2   | [1]  |
| 17    | 0011       | 826365      | NUT (M8)                                                                       |                                                    | 4   | [1]  |
| 18    | 0022       | 885517A05   | FITTING ASSEMBLY                                                               |                                                    | 1   |      |
| 19    | 0025       | 892077      | O-RING                                                                         |                                                    | 1   | [2]  |
| 20    | 0016       | 896268      | STUD (M10 x 54)                                                                |                                                    | 2   | [1]  |
| 21    | 0016       | 897599      | STUD (M8 x 55)                                                                 |                                                    | 2   | [1]  |
| 22    | 0011       | 826292      | NUT (M10) Brass/Nickel Plated                                                  |                                                    | 2   | [1]  |
| 23    | 0012       | 856774      | WASHER (.406 x .750 x .105)<br>Stainless Steel                                 |                                                    | 6   |      |
| 24    | 0011       | 884412      | NUT                                                                            |                                                    | 6   |      |
| 25    | 0000       | 893388A02   | CAP Resistor - 2 Pin, 20K Ohm                                                  |                                                    | 1   |      |
| -     | 0027       | 896142A06   | GASKET SET Powerhead                                                           |                                                    | 1   |      |
| -     | 0061       | 896499A08   | LONG BLOCK ASSEMBLY                                                            |                                                    | 1   | [3]  |

**PART NOTES:**

- [1] - COMPONENT OF POWERHEAD/PARTIAL ENGINE 896499A08
- [2] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 896142A06
- [3] - Alternate part numbers:  
896499A08QS  
8M0055436Reman

## Starboard Cylinder Block/Oil Cooler (1B830999 and Below)



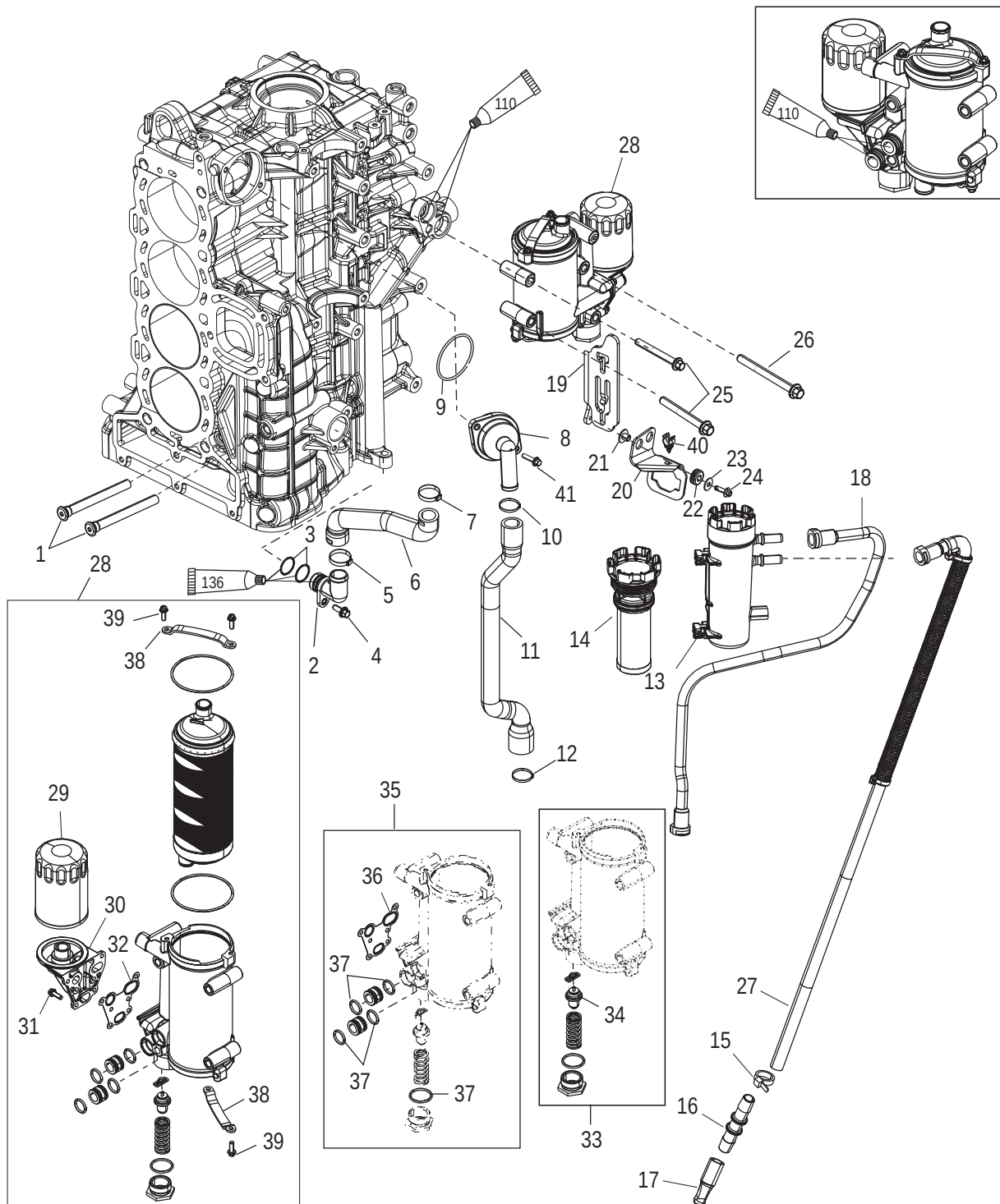
21783

## Starboard Cylinder Block/Oil Cooler (1B830999 and Below)

| Ref # | Part Class | Part Number | Description                                 | Comments                   | Qty | Note |
|-------|------------|-------------|---------------------------------------------|----------------------------|-----|------|
| 1     | 0000       | 892404A05   | DEFLECTOR ASSEMBLY Water                    |                            | 2   | [1]  |
| 2     | 0022       | 885518A02   | FITTING ASSEMBLY                            |                            | 1   |      |
| 3     | 0025       | 62701       | O-RING                                      |                            | 2   | [2]  |
| 4     | 0010       | 88552516    | SCREW (M6 x 16 MM) Stainless Steel          |                            | 1   |      |
| 5     | 0054       | 888988011   | CLAMP (38.1 MM)                             |                            | 1   |      |
| 6     | 0032       | 888930003   | HOSE                                        |                            | 1   |      |
| 7     | 0054       | 888988008   | CLAMP (34.6 MM)                             |                            | 1   |      |
| 8     | 0000       | 892864T04   | THERMOSTAT ASSEMBLY                         |                            | 1   |      |
| 9     | 0025       | 8M0005958   | O-RING                                      |                            | 1   |      |
| 10    | 0054       | 888988001   | CLAMP (36.1 mm)                             |                            | 1   | [1]  |
| 11    | 0032       | 896059001   | HOSE Thermostat                             |                            | 1   |      |
| 12    | 0054       | 888988007   | CLAMP (42.5 mm)                             |                            | 1   |      |
| 13    | 0035       | 892242T     | FILTER ASSEMBLY Fuel                        |                            | 1   |      |
| 14    | 0035       | 8M0020349   | FILTER Fuel, Element                        |                            | 1   |      |
| 15    | 0054       | 816311T     | TIE STRAP (8.00 Inches)                     |                            | 1   |      |
| 16    | 0022       | 892356      | CONNECTOR                                   |                            | 1   |      |
| 17    | 0019       | 863156      | GRAB TAB                                    |                            | 1   |      |
| 18    | 0032       | 8M0012218   | HOSE Fuel to Lift Pump                      | [1B792494] & Below         | 1   |      |
| 18    | 0032       | 8M0043796   | HOSE Fuel to Lift Pump                      | [1B792495] & Up            | 1   |      |
| 19    | 0000       | 892147A01   | BRACKET ASSEMBLY                            |                            | 1   |      |
| 20    | 0000       | 897126      | BRACKET                                     |                            | 1   |      |
| 21    | 0023       | 822003      | BUSHING                                     |                            | 2   |      |
| 22    | 0025       | 834985      | GROMMET                                     |                            | 2   |      |
| 23    | 0012       | 65567       | WASHER (.265 x .750 x .048) Stainless Steel |                            | 2   |      |
| 24    | 0010       | 82129125    | SCREW (M6 x 25 MM)                          |                            | 2   |      |
| 25    | 0010       | 88552785    | SCREW (M10 x 85)                            |                            | 3   |      |
| 26    | 0010       | 885527105   | SCREW (M10 x 105)                           |                            | 1   |      |
| 27    | 0032       | 880597A01   | HOSE ASSEMBLY Fuel Inlet                    | [1B792494] & Below         | 1   |      |
| 27    | 0032       | 8M0045343   | HOSE ASSMEBLY Fuel Inlet, 32.5 Inch         | [1B792495] THRU [1B830902] | 1   |      |
| 27    | 0032       | 8M0046557   | HOSE ASSMEBLY Fuel Inlet, 8.2 Inch          | [1B830903] & Up            | 1   |      |
| 28    | 0000       | 892801T01   | COOLER ASSEMBLY Oil                         | [1B830999] & Below         | 1   |      |
| 29    | 0035       | 877767K01   | FILTER Oil                                  |                            | 1   | [3]  |
| 30    | 0000       | 880640A05   | HOUSING ASSEMBLY Intergrated Oil Module     |                            | 1   |      |
| 31    | 0010       | 895336      | SCREW (M6 x 18)                             |                            | 6   |      |
| 32    | 0027       | 880640500   | GASKET                                      |                            | 1   |      |
| 33    | 0000       | 880640A06   | THERMOSTAT/GUIDE KIT                        |                            | 1   |      |
| 34    | 0000       | 880640508   | THERMOSTAT                                  |                            | 1   |      |
| 35    | 0000       | 892801T53   | OVERHAUL KIT                                |                            | 1   |      |
| 36    | 0027       | 880640500   | GASKET                                      |                            | 1   |      |
| 37    | 0000       | 880640A09   | O-RING KIT                                  |                            | 1   |      |
| 38    | 0000       | 895032      | STRAP                                       |                            | 2   |      |
| 39    | 0010       | 895336      | SCREW (M6 x 18)                             |                            | 4   |      |

Starboard Cylinder Block/Oil Cooler (1B830999 and Below)

# Starboard Cylinder Block/Oil Cooler (1B830999 and Below)



21783

Starboard Cylinder Block/Oil Cooler (1B830999 and Below)

**Starboard Cylinder Block/Oil Cooler (1B830999 and Below)**

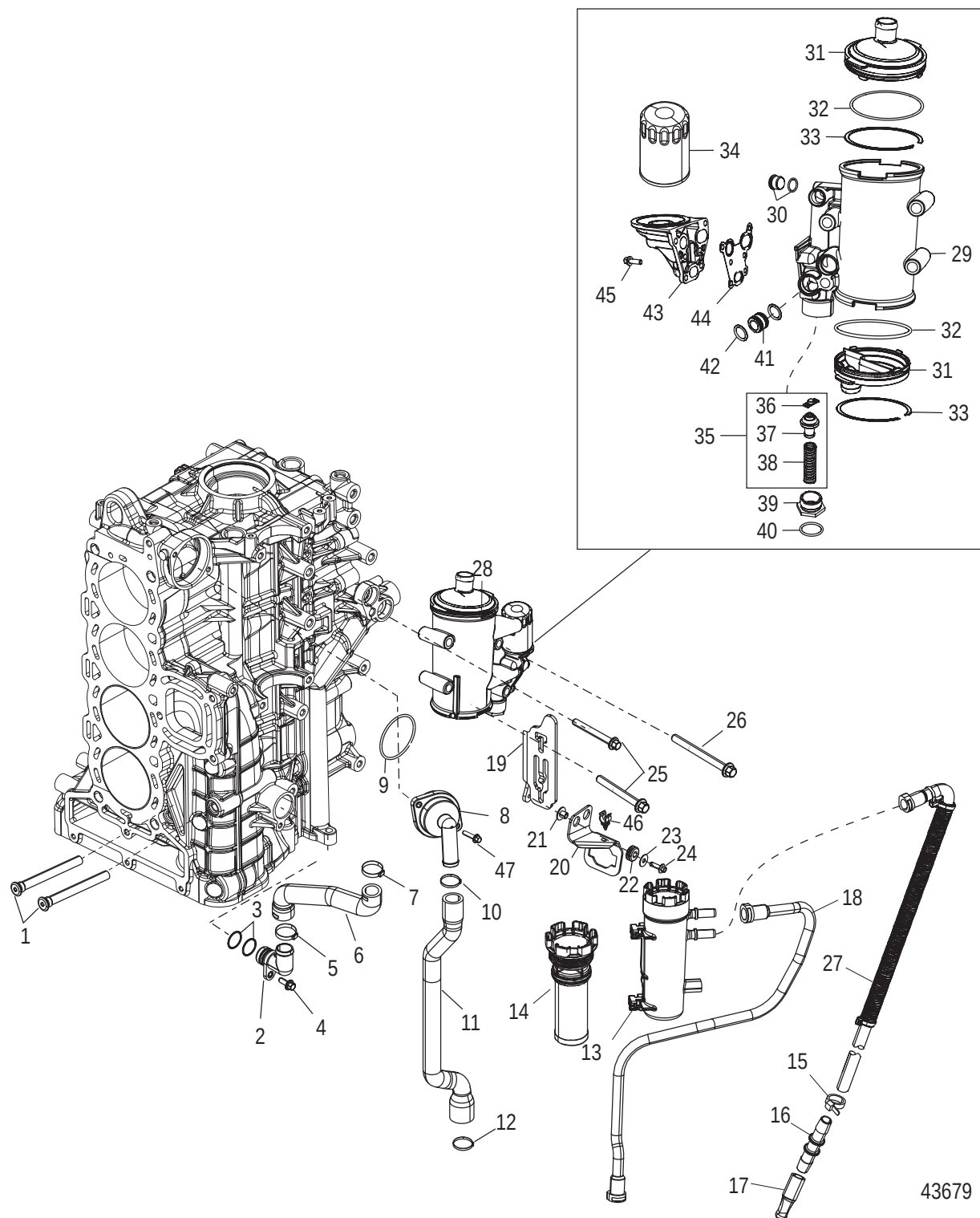
| Ref # | Part Class | Part Number | Description                        | Comments | Qty | Note |
|-------|------------|-------------|------------------------------------|----------|-----|------|
| 40    | 0054       | 897559      | CLIP                               |          | 1   |      |
| 41    | 0010       | 88552525    | SCREW (M6 x 25 MM) Stainless Steel |          | 2   |      |
| -     | 0061       | 896499A08   | LONG BLOCK ASSEMBLY                |          | 1   | [4]  |
| -     | 0027       | 896142A06   | GASKET SET Powerhead               |          | 1   |      |

**PART NOTES:**

- [1] - COMPONENT OF POWERHEAD/PARTIAL ENGINE 896499A08
- [2] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 896142A06
- [3] - Alternate part numbers:  
877767K01MPP  
877767Q01QS
- [4] - Alternate part numbers:  
896499A08QS  
8M0055436Reman



# Starboard Cylinder Block/Oil Cooler (1B831000 and Above)



Starboard Cylinder Block/Oil Cooler (1B831000 and Above)

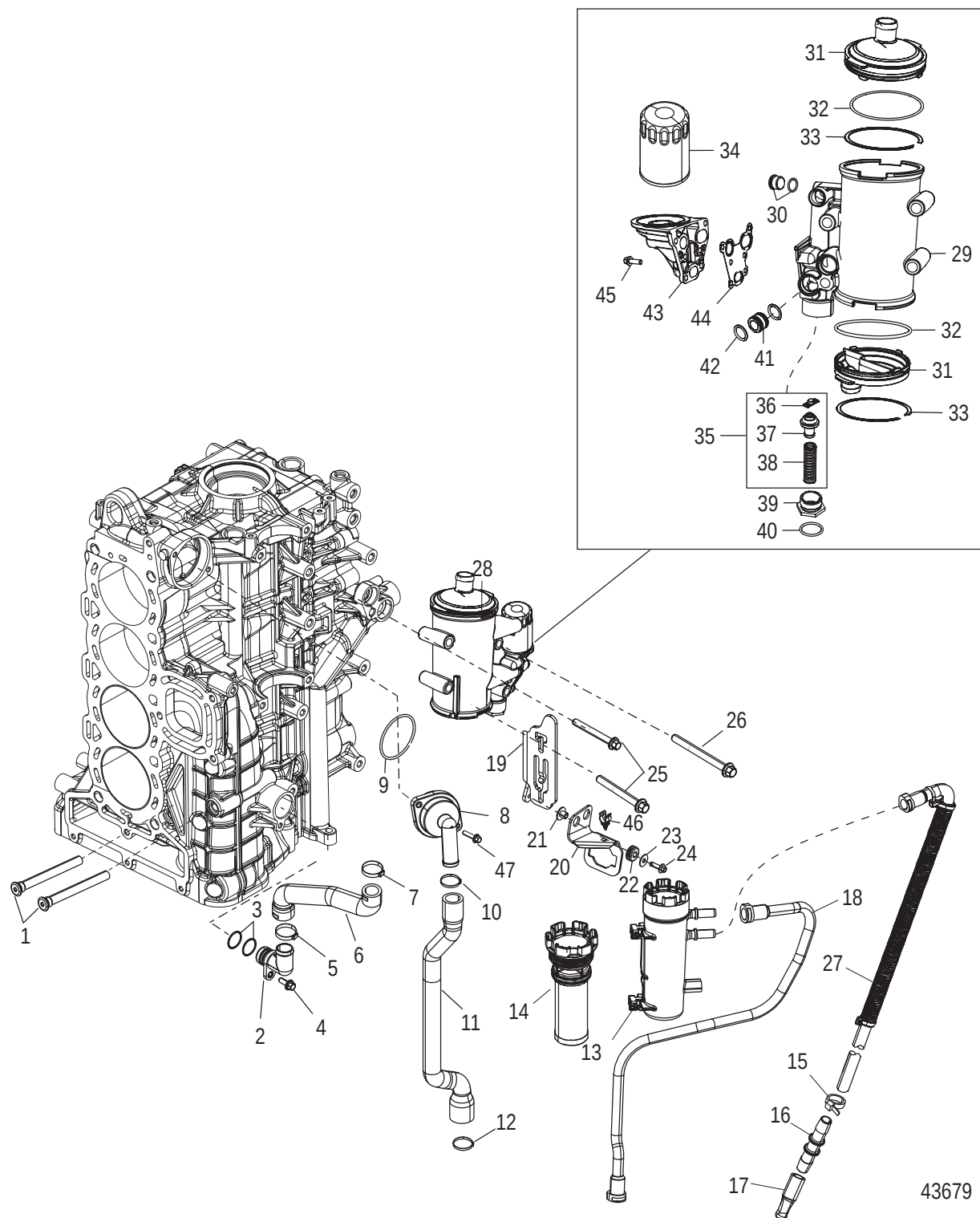


## Starboard Cylinder Block/Oil Cooler (1B831000 and Above)

| Ref # | Part Class | Part Number | Description                                 | Comments        | Qty | Note |
|-------|------------|-------------|---------------------------------------------|-----------------|-----|------|
| 1     | 0000       | 892404A05   | DEFLECTOR ASSEMBLY Water                    |                 | 2   | [1]  |
| 2     | 0022       | 885518A02   | FITTING ASSEMBLY                            |                 | 1   |      |
| 3     | 0025       | 62701       | O-RING                                      |                 | 2   | [2]  |
| 4     | 0010       | 88552516    | SCREW (M6 x 16 MM) Stainless Steel          |                 | 1   |      |
| 5     | 0054       | 888988011   | CLAMP (38.1 MM)                             |                 | 1   |      |
| 6     | 0032       | 888930003   | HOSE                                        |                 | 1   |      |
| 7     | 0054       | 888988008   | CLAMP (34.6 MM)                             |                 | 1   |      |
| 8     | 0000       | 892864T04   | THERMOSTAT ASSEMBLY                         |                 | 1   |      |
| 9     | 0025       | 8M0005958   | O-RING                                      |                 | 1   |      |
| 10    | 0054       | 888988001   | CLAMP (36.1 mm)                             |                 | 1   | [1]  |
| 11    | 0032       | 896059001   | HOSE Thermostat                             |                 | 1   |      |
| 12    | 0054       | 888988007   | CLAMP (42.5 mm)                             |                 | 1   |      |
| 13    | 0035       | 892242T     | FILTER ASSEMBLY Fuel                        |                 | 1   |      |
| 14    | 0035       | 8M0020349   | FILTER Fuel, Element                        |                 | 1   |      |
| 15    | 0054       | 816311T     | TIE STRAP (8.00 Inches)                     |                 | 1   |      |
| 16    | 0022       | 892356      | CONNECTOR                                   |                 | 1   |      |
| 17    | 0019       | 863156      | GRAB TAB                                    |                 | 1   |      |
| 18    | 0032       | 8M0043796   | HOSE Fuel to Lift Pump                      |                 | 1   |      |
| 19    | 0000       | 892147A01   | BRACKET ASSEMBLY                            |                 | 1   |      |
| 20    | 0000       | 897126      | BRACKET                                     |                 | 1   |      |
| 21    | 0023       | 822003      | BUSHING                                     |                 | 2   |      |
| 22    | 0025       | 834985      | GROMMET                                     |                 | 2   |      |
| 23    | 0012       | 65567       | WASHER (.265 x .750 x .048) Stainless Steel |                 | 2   |      |
| 24    | 0010       | 82129125    | SCREW (M6 x 25 MM)                          |                 | 2   |      |
| 25    | 0010       | 88552785    | SCREW (M10 x 85)                            |                 | 3   |      |
| 26    | 0010       | 885527105   | SCREW (M10 x 105)                           |                 | 1   |      |
| 27    | 0032       | 8M0046557   | HOSE ASSMEBLY Fuel Inlet, 8.2 Inch          |                 | 1   |      |
| 28    | 0000       | 8M0046689   | COOLER ASSEMBLY Oil                         | [1B831000] & Up | 1   |      |
| 29    |            | NSS         | NOT SOLD SEPARATE OIL COOLER HOUSING        |                 | 1   |      |
| 30    | 0019       | 891953      | PLUG (18 mm)                                |                 | 2   |      |
| 31    | 0000       | 8M0046698   | END CAP ASSEMBLY                            |                 | 2   |      |
| 32    | 0025       | 8M0039516   | O-RING                                      |                 | 1   |      |
| 33    | 0053       | 8M0039464   | RING Retaining                              |                 | 1   |      |
| 34    | 0035       | 877767K01   | FILTER Oil                                  |                 | 1   | [3]  |
| 35    | 0000       | 8M0046693   | THERMOSTAT ASSEMBLY                         |                 | 1   |      |
| 36    |            | NSS         | NOT SOLD SEPARATE THERMOSTAT STOP           |                 | 1   |      |
| 37    | 0000       | 8M0041064   | THERMOSTAT                                  |                 | 1   |      |
| 38    |            | NSS         | NOT SOLD SEPARATE SPRING                    |                 | 1   |      |
| 39    | 0019       | 8M0046697   | PLUG                                        |                 | 1   |      |
| 40    |            | NSS         | NOT SOLD SEPARATE O-RING                    |                 | 1   |      |
| 41    | 0000       | 8M0046696   | ADAPTER ASSEMBLY                            | (Contains 2)    | 1   |      |
| 42    |            | NSS         | NOT SOLD SEPARATE O-RING                    |                 | 4   |      |

Starboard Cylinder Block/Oil Cooler (1B831000 and Above)

# Starboard Cylinder Block/Oil Cooler (1B831000 and Above)



Starboard Cylinder Block/Oil Cooler (1B831000 and Above)

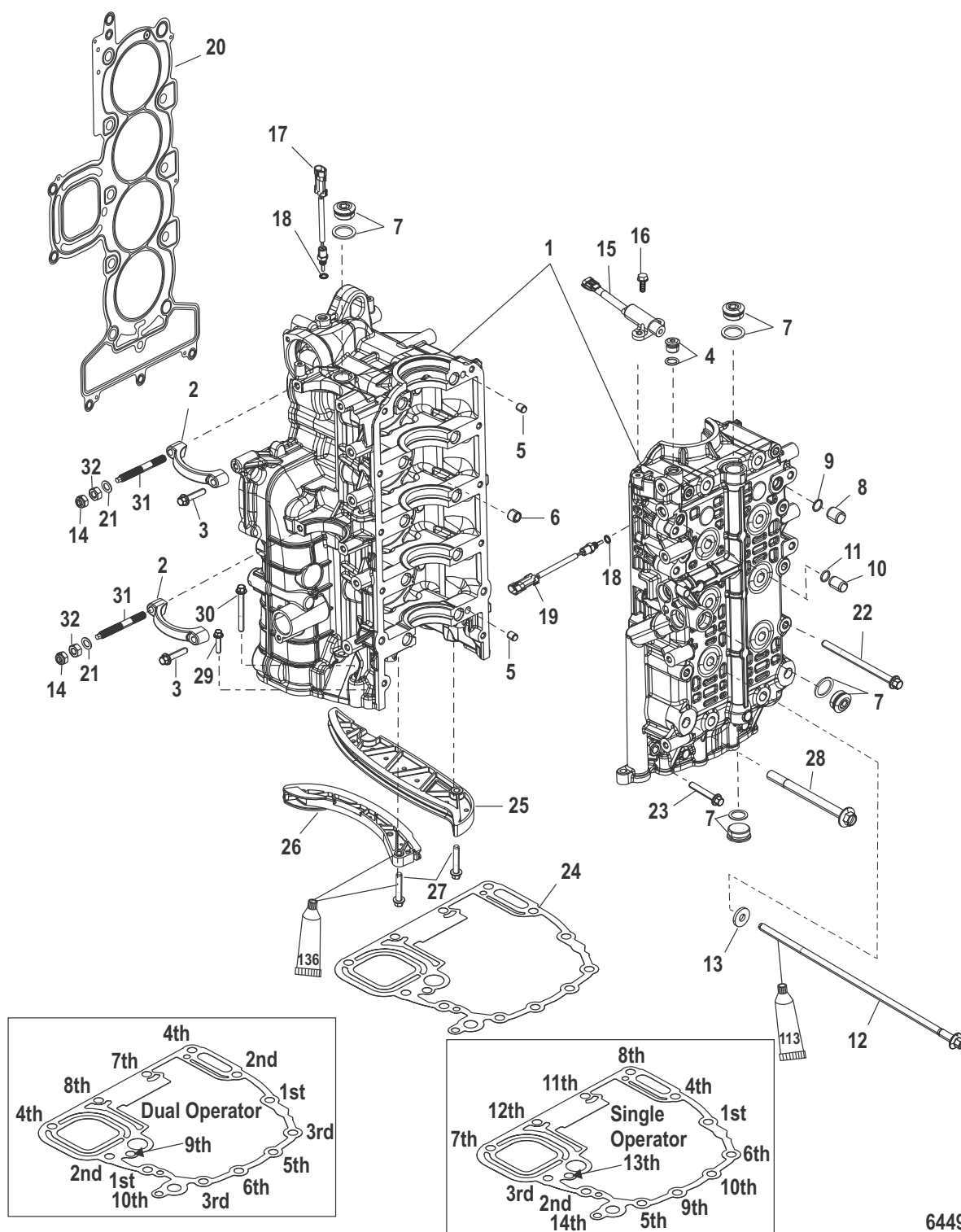
**Starboard Cylinder Block/Oil Cooler (1B831000 and Above)**

| Ref # | Part Class | Part Number | Description                        | Comments | Qty | Note |
|-------|------------|-------------|------------------------------------|----------|-----|------|
| 43    | 0000       | 8M0046694   | HOUSING ASSEMBLY                   |          | 1   |      |
| 44    | 0027       | 8M0034568   | GASKET                             |          | 1   |      |
| 45    | 0010       | 8M0041014   | SCREW (M6 x 18)                    |          | 6   |      |
| 46    | 0054       | 897559      | CLIP                               |          | 1   |      |
| 47    | 0010       | 88552525    | SCREW (M6 x 25 MM) Stainless Steel |          | 2   |      |
| -     | 0061       | 896499A08   | LONG BLOCK ASSEMBLY                |          | 1   | [4]  |
| -     | 0027       | 896142A06   | GASKET SET Powerhead               |          | 1   |      |

**PART NOTES:**

- [1] - COMPONENT OF POWERHEAD/PARTIAL ENGINE 896499A08
- [2] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 896142A06
- [3] - Alternate part numbers:  
877767K01MPP  
877767Q01QS
- [4] - Alternate part numbers:  
896499A08QS  
8M0055436Reman

## Cylinder Block



64498

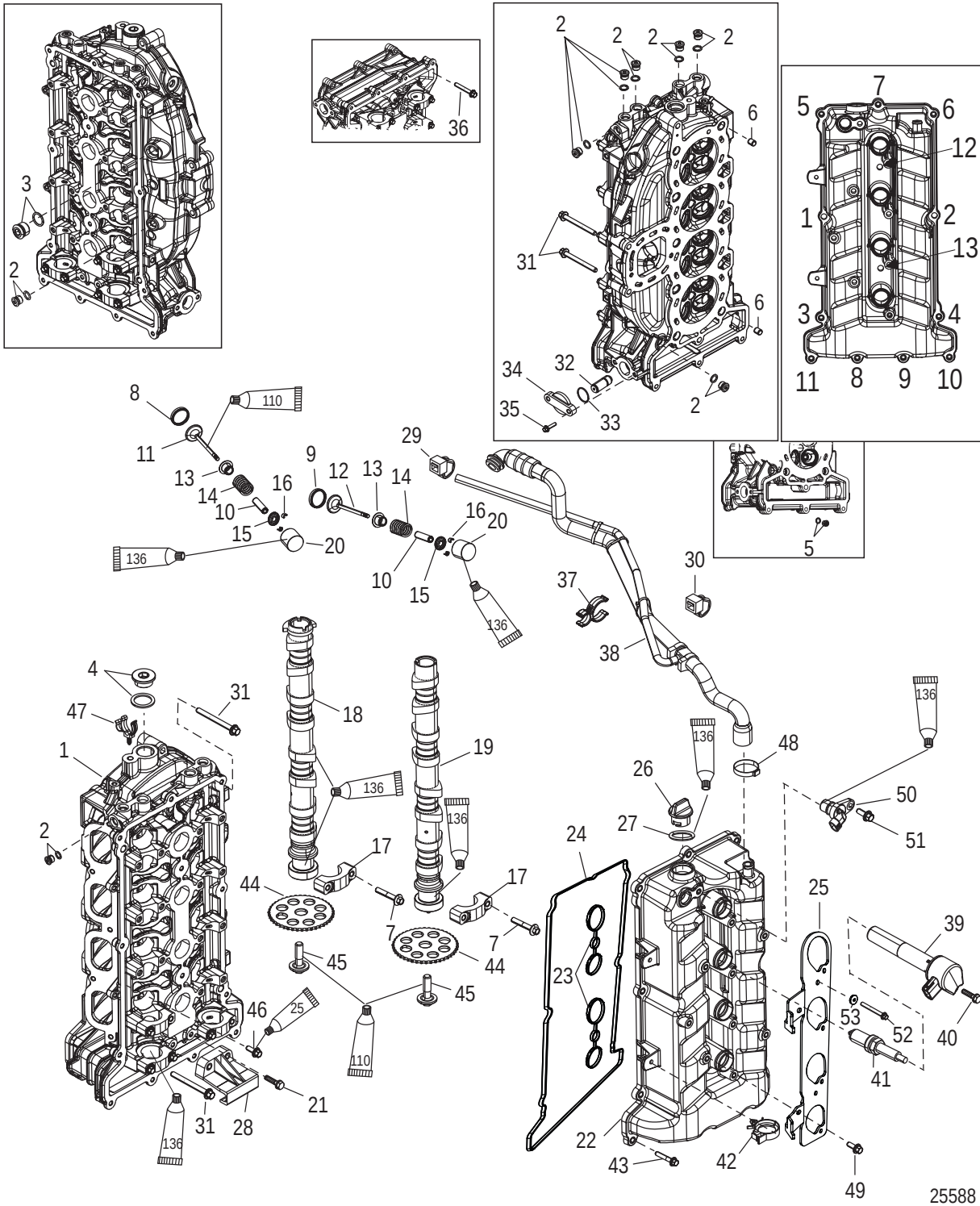
## Cylinder Block

| Ref # | Part Class | Part Number | Description                            | Comments                | Qty | Note |
|-------|------------|-------------|----------------------------------------|-------------------------|-----|------|
| 1     | 0800       | 880504A13   | CYLINDER BLOCK ASSEMBLY                |                         | 1   | [1]  |
| 2     | 0000       | 8569662     | BRACKET Mounting-Starter Motor         |                         | 2   | [1]  |
| 3     | 0010       | 88552640    | SCREW (M8 x 40)                        |                         | 4   | [1]  |
| 4     | 0019       | 889767      | PLUG (12 mm)                           |                         | 2   | [1]  |
| 5     | 0017       | 43044       | PIN Dowel - Without Hole (.375 x .625) |                         | 2   | [1]  |
| 6     | 0023       | 893392001   | DAMPER                                 |                         | 10  | [1]  |
| 7     | 0019       | 896951      | PLUG (24 mm)                           |                         | 4   | [1]  |
| 7     | 0019       | 891953      | PLUG (18 mm)                           |                         | 4   | [1]  |
| 8     | 0017       | 880524      | PIN Dowel (14 MM)                      |                         | 1   | [1]  |
| 9     | 0025       | 884409      | O-RING                                 |                         | 1   | [2]  |
| 10    | 0017       | 884424      | PIN Dowel (11 mm)                      |                         | 1   | [1]  |
| 11    | 0025       | 884423      | O-RING                                 |                         | 1   | [2]  |
| 12    | 0010       | 8M0021876   | SCREW (M10 x 342)                      |                         | 10  | [1]  |
| 13    | 0012       | 892573001   | WASHER                                 |                         | 10  | [1]  |
| 14    | 0011       | 401388      | NUT (M8) Stainless Steel               |                         | 2   |      |
| 15    | 0000       | 8283582     | SENSOR                                 | Crankshaft Position     | 1   | [1]  |
| 16    | 0010       | 40011107    | SCREW (M5 x 16) Stainless Steel        |                         | 2   | [1]  |
| 17    | 0000       | 8M0010146   | SENSOR                                 | Block Water Temperature | 1   | [1]  |
| 18    | 0025       | 896699      | O-RING (1.78 mm x .08 mm)              |                         | 2   | [1]  |
| 19    | 0000       | 8M0010146   | SENSOR                                 | Oil Temperature         | 1   | [1]  |
| 20    | 0027       | 8M0024565   | GASKET Head                            |                         | 1   | [2]  |
| 21    | 0012       | 36001       | WASHER                                 |                         | 2   |      |
| 22    | 0010       | 895810115   | SCREW (M8 x 115)                       |                         | 8   | [1]  |
| 23    | 0010       | 895810050   | SCREW (M8 x 50)                        |                         | 2   | [1]  |
| 24    | 0027       | 896142      | GASKET Block to Adapter                |                         | 1   | [2]  |
| 25    | 0000       | 880559      | GUIDE Fixed                            |                         | 1   | [1]  |
| 26    | 0000       | 880557      | GUIDE Moveable                         |                         | 1   | [1]  |
| 27    | 0010       | 892456045   | SCREW                                  |                         | 2   | [1]  |
| 28    | 0010       | 892086120   | SCREW (M10 x 120)                      |                         | 2   |      |
| 29    | 0010       | 88552635    | SCREW (M8 x 35 MM)                     |                         | 1   | [1]  |
| 30    | 0010       | 88552675    | SCREW (M8 x 75)                        |                         | 1   | [1]  |
| 31    | 0016       | 888849003   | STUD (M8 x 1.5)                        |                         | 2   |      |
| 32    | 0011       | 400213      | NUT (M8) Stainless Steel               |                         | 2   |      |
| -     | 0027       | 896142A06   | GASKET SET Powerhead                   |                         | 1   |      |
| -     | 0061       | 896499A08   | LONG BLOCK ASSEMBLY                    |                         | 1   | [3]  |

## PART NOTES:

- [1] - COMPONENT OF POWERHEAD/PARTIAL ENGINE 896499A08
- [2] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 896142A06  
COMPONENT OF POWERHEAD/PARTIAL ENGINE 896499A08
- [3] - Alternate part numbers:  
896499A08QS  
8M0055436Reman

## Cylinder Head and Camshaft



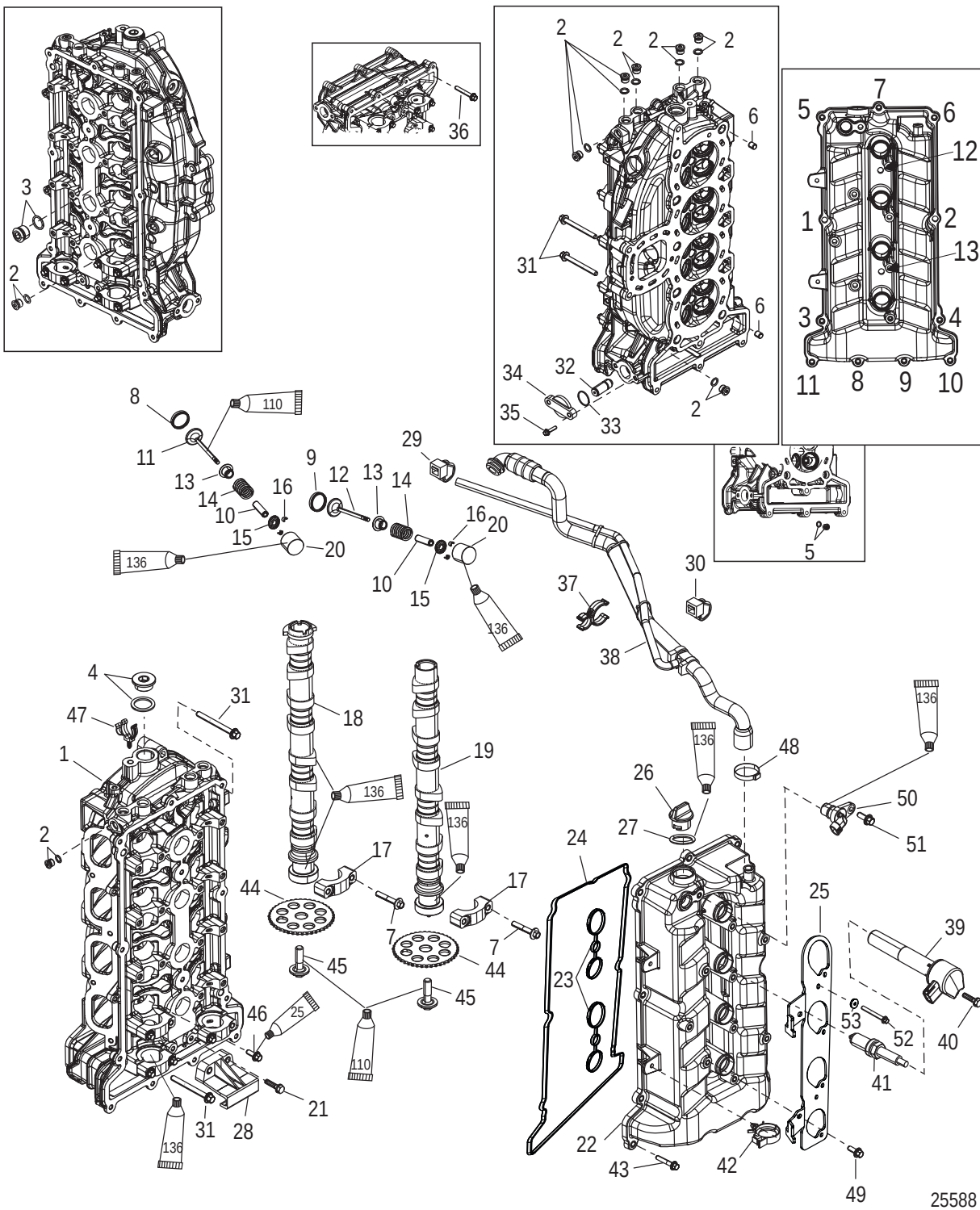
25588



## Cylinder Head and Camshaft

| Ref # | Part Class | Part Number | Description                                          | Comments | Qty   | Note |
|-------|------------|-------------|------------------------------------------------------|----------|-------|------|
| -     | 0900       | 880534A08   | CYLINDER HEAD ASSEMBLY Complete                      |          | 1     | [1]  |
| 1     | 0900       | 880534A06   | CYLINDER HEAD ASSEMBLY                               |          | 1     | [1]  |
| 2     | 0019       | 889767      | PLUG (12 mm)                                         |          | 8     | [1]  |
| 3     | 0019       | 891953      | PLUG (18 mm)                                         |          | 1     | [1]  |
| 4     | 0019       | 896951      | PLUG (24 mm)                                         |          | 1     | [1]  |
| 5     | 0019       | 896576      | PLUG (10 mm)                                         |          | 1     | [1]  |
| 6     | 0017       | 880524      | PIN Dowel (14 MM)                                    |          | 2     | [1]  |
| 7     | 0010       | 892454035   | BOLT (M6 x 36)                                       |          | 20    | [1]  |
| 8     | 0000       | 880533      | SEAT Intake Valve                                    |          | 8     | [1]  |
| 9     | 0000       | 880535      | SEAT Exhaust Valve                                   |          | 8     | [1]  |
| 10    | 0000       | 880537      | GUIDE Intake Exhaust Valve Intake and Exhaust Valves |          | 16    | [1]  |
| 11    | 0020       | 898907      | VALVE Intake                                         |          | 8     | [1]  |
| 12    | 0020       | 898908      | VALVE Exhaust                                        |          | 8     | [1]  |
| 13    | 0026       | 896880      | SEAL Valve                                           |          | 16    | [1]  |
| 14    | 0024       | 8M0011503   | SPRING Intake and Exhaust Valve                      |          | 16    | [1]  |
| 15    | 0000       | 880542A1    | RETAINER ASSEMBLY Valves                             |          | 16    | [1]  |
| 16    | 0028       | 880543      | KEY                                                  |          | 32    | [1]  |
| 17    |            | NSS         | NOT SOLD SEPARATE CAP                                |          | 10    | [1]  |
| 18    | 0400       | 898397A03   | CAMSHAFT ASSEMBLY Intake                             |          | 1     | [1]  |
| 19    | 0400       | 892862T02   | CAMSHAFT ASSEMBLY Exhaust                            |          | 1     | [1]  |
| 20    | 0000       | 899912001   | TAPPET (2.996)                                       |          | 16/AR | [1]  |
| 20    | 0000       | 899912002   | TAPPET (3.021)                                       |          | 16/AR | [1]  |
| 20    | 0000       | 899912003   | TAPPET (3.046)                                       |          | 16/AR | [1]  |
| 20    | 0000       | 899912004   | TAPPET (3.071)                                       |          | 16/AR | [1]  |
| 20    | 0000       | 899912005   | TAPPET (3.096)                                       |          | 16/AR | [1]  |
| 20    | 0000       | 899912006   | TAPPET (3.118)                                       |          | 16/AR | [1]  |
| 20    | 0000       | 899912007   | TAPPET (3.138)                                       |          | 16/AR | [1]  |
| 20    | 0000       | 899912008   | TAPPET (3.158)                                       |          | 16/AR | [1]  |
| 20    | 0000       | 899912009   | TAPPET (3.178)                                       |          | 16/AR | [1]  |
| 20    | 0000       | 899912010   | TAPPET (3.198)                                       |          | 16/AR | [1]  |
| 20    | 0000       | 899912011   | TAPPET (3.218)                                       |          | 16/AR | [1]  |
| 20    | 0000       | 899912012   | TAPPET (3.238)                                       |          | 16/AR | [1]  |
| 20    | 0000       | 899912013   | TAPPET (3.258)                                       |          | 16/AR | [1]  |
| 20    | 0000       | 899912014   | TAPPET (3.278)                                       |          | 16/AR | [1]  |
| 20    | 0000       | 899912015   | TAPPET (3.298)                                       |          | 16/AR | [1]  |
| 20    | 0000       | 899912016   | TAPPET (3.318)                                       |          | 16/AR | [1]  |
| 20    | 0000       | 899912017   | TAPPET (3.338)                                       |          | 16/AR | [1]  |
| 20    | 0000       | 899912018   | TAPPET (3.358)                                       |          | 16/AR | [1]  |
| 20    | 0000       | 899912019   | TAPPET (3.378)                                       |          | 16/AR | [1]  |
| 20    | 0000       | 899912020   | TAPPET (3.398)                                       |          | 16/AR | [1]  |
| 20    | 0000       | 899912021   | TAPPET (3.418)                                       |          | 16/AR | [1]  |
| 20    | 0000       | 899912022   | TAPPET (3.438)                                       |          | 16/AR | [1]  |
| 20    | 0000       | 899912023   | TAPPET (3.458)                                       |          | 16/AR | [1]  |
| 20    | 0000       | 899912024   | TAPPET (3.478)                                       |          | 16/AR | [1]  |

## Cylinder Head and Camshaft



25588

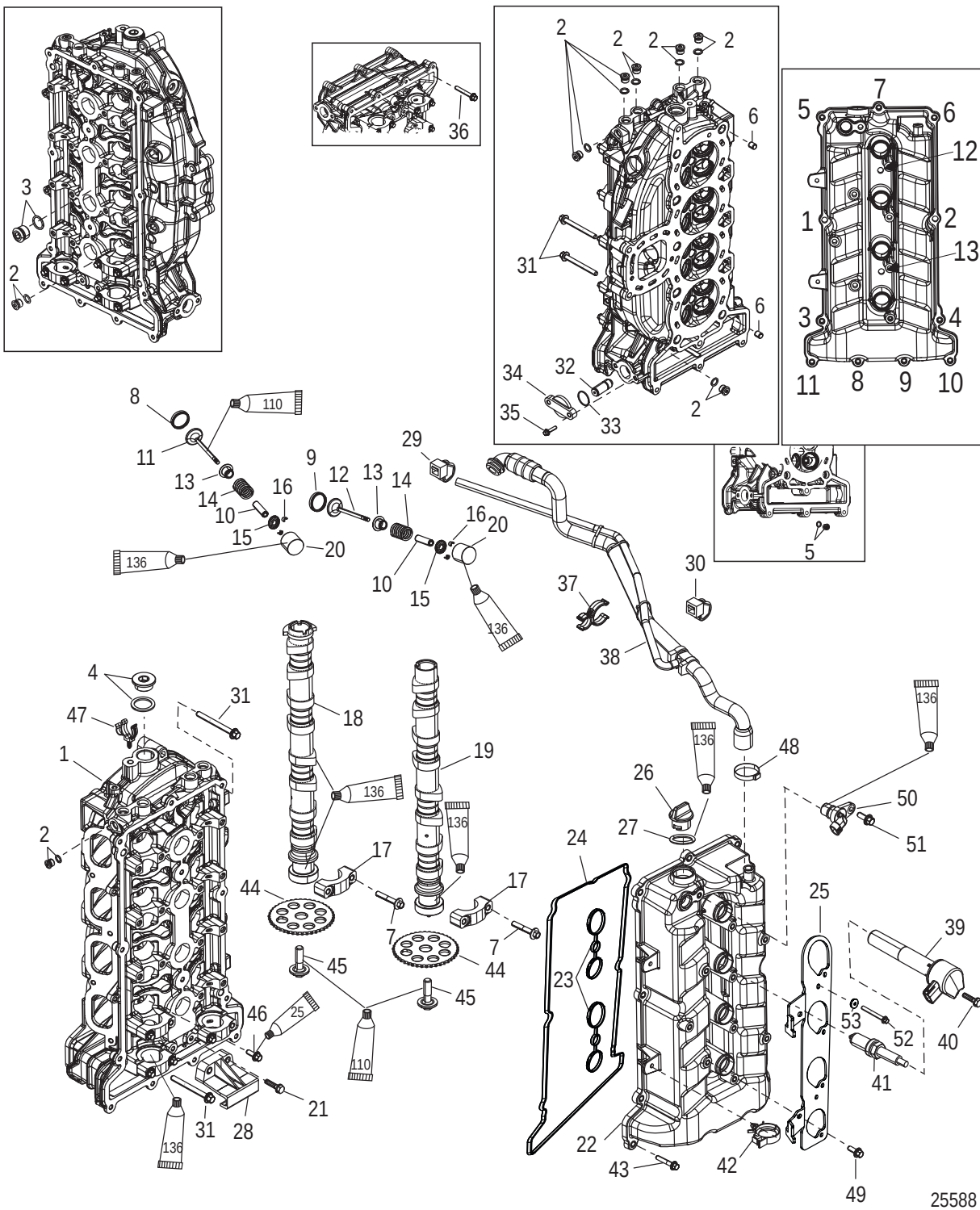


## Cylinder Head and Camshaft

| Ref # | Part Class | Part Number | Description                                        | Comments           | Qty   | Note |
|-------|------------|-------------|----------------------------------------------------|--------------------|-------|------|
| 20    | 0000       | 899912025   | TAPPET (3.498)                                     |                    | 16/AR | [1]  |
| 20    | 0000       | 899912026   | TAPPET (3.518)                                     |                    | 16/AR | [1]  |
| 20    | 0000       | 899912027   | TAPPET (3.538)                                     |                    | 16/AR | [1]  |
| 20    | 0000       | 899912028   | TAPPET (3.558)                                     |                    | 16/AR | [1]  |
| 20    | 0000       | 899912029   | TAPPET (3.578)                                     |                    | 16/AR | [1]  |
| 20    | 0000       | 899912030   | TAPPET (3.598)                                     |                    | 16/AR | [1]  |
| 20    | 0000       | 899912031   | TAPPET (3.621)                                     |                    | 16/AR | [1]  |
| 20    | 0000       | 899912032   | TAPPET (3.646)                                     |                    | 16/AR | [1]  |
| 20    | 0000       | 899912033   | TAPPET (3.671)                                     |                    | 16/AR | [1]  |
| 20    | 0000       | 899912034   | TAPPET (3.696)                                     |                    | 16/AR | [1]  |
| 20    | 0000       | 899912035   | TAPPET (3.721)                                     |                    | 16/AR | [1]  |
| 21    | 0010       | 892454030   | SCREW (M6 x 30)                                    | [1B733388] & Below | 2     | [1]  |
| 22    | 0000       | 880553T04   | COVER ASSEMBLY Cam                                 | [1B733388] & Below | 1     | [1]  |
| 22    | 0000       | 880553A07   | COVER ASSEMBLY Cam                                 | [1B733389] & Up    | 1     | [1]  |
| -     | 0000       | 880553T06   | COVER Cam                                          | [1B733389] & Up    | 1     | [1]  |
| 23    | 0000       | 892584      | SEAL                                               |                    | 2     | [1]  |
| 24    | 0000       | 892893      | SEAL                                               |                    | 1     | [1]  |
| 25    | 0000       | 8M0010625   | PLATE Coil                                         |                    | 1     |      |
| 26    | 0000       | 859578A1    | PLUG ASSEMBLY Oil                                  |                    | 1     | [1]  |
| 27    | 0025       | 90196       | O-RING (.921 x .139)                               |                    | 1     | [2]  |
| 28    | 0000       | 880558      | GUIDE Short                                        | [1B733388] & Below | 1     | [1]  |
| 29    | 0054       | 850181      | TIE STRAP (11.750 Inches)                          |                    | 1     |      |
| 30    | 0054       | 850181      | TIE STRAP (11.750 Inches)                          |                    | 2     |      |
| 31    | 0010       | 88552660    | SCREW (M8 x 60)                                    |                    | 4     | [1]  |
| 32    | 0000       | 898463A01   | TENSIONER ASSEMBLY                                 |                    | 1     | [1]  |
| 33    | 0025       | 898836      | O-RING Brown (Also part of Complete Cylinder Head) |                    | 1     | [2]  |
| 34    | 0000       | 893338      | END CAP Tensioner                                  |                    | 1     |      |
| 35    | 0010       | 88552525    | SCREW (M6 x 25 MM) Stainless Steel                 |                    | 2     | [1]  |
| 36    | 0010       | 88552540    | SCREW (M6 x 40 MM) Stainless Steel                 |                    | 3     | [1]  |
| 37    | 0054       | 892833      | CLIP                                               |                    | 1     |      |
| 38    | 0032       | 892812A03   | HOSE ASSEMBLY Breather                             |                    | 1     |      |
| 39    | 0339       | 880615T01   | COIL ASSEMBLY                                      |                    | 4     |      |
| 40    | 0010       | 88552525    | SCREW (M6 x 25 MM) Stainless Steel                 |                    | 4     |      |
| 41    | 0033       | 8M0006614   | SPARK PLUG NGK-ILFR6GE                             |                    | 4     | [1]  |
| 42    | 0054       | 858954      | CLIP (.625)                                        |                    | 2     |      |
| 43    | 0010       | 88552525    | SCREW (M6 x 25 MM) Stainless Steel                 |                    | 11    | [1]  |
| 44    | 0043       | 880550      | SPROCKET Cam Drive                                 |                    | 2     | [1]  |
| 45    | 0010       | 884403      | SCREW (M12 x 40) (Left Hand)                       |                    | 2     | [1]  |
| 46    | 0010       | 88552512    | SCREW (M6 x 12 MM) Stainless Steel                 |                    | 2     |      |
| 47    | 0054       | 889746001   | CLIP                                               |                    | 1     |      |
| 48    | 0054       | 888988019   | CLAMP (22.6 mm)                                    |                    | 1     |      |

## Cylinder Head and Camshaft

## Cylinder Head and Camshaft



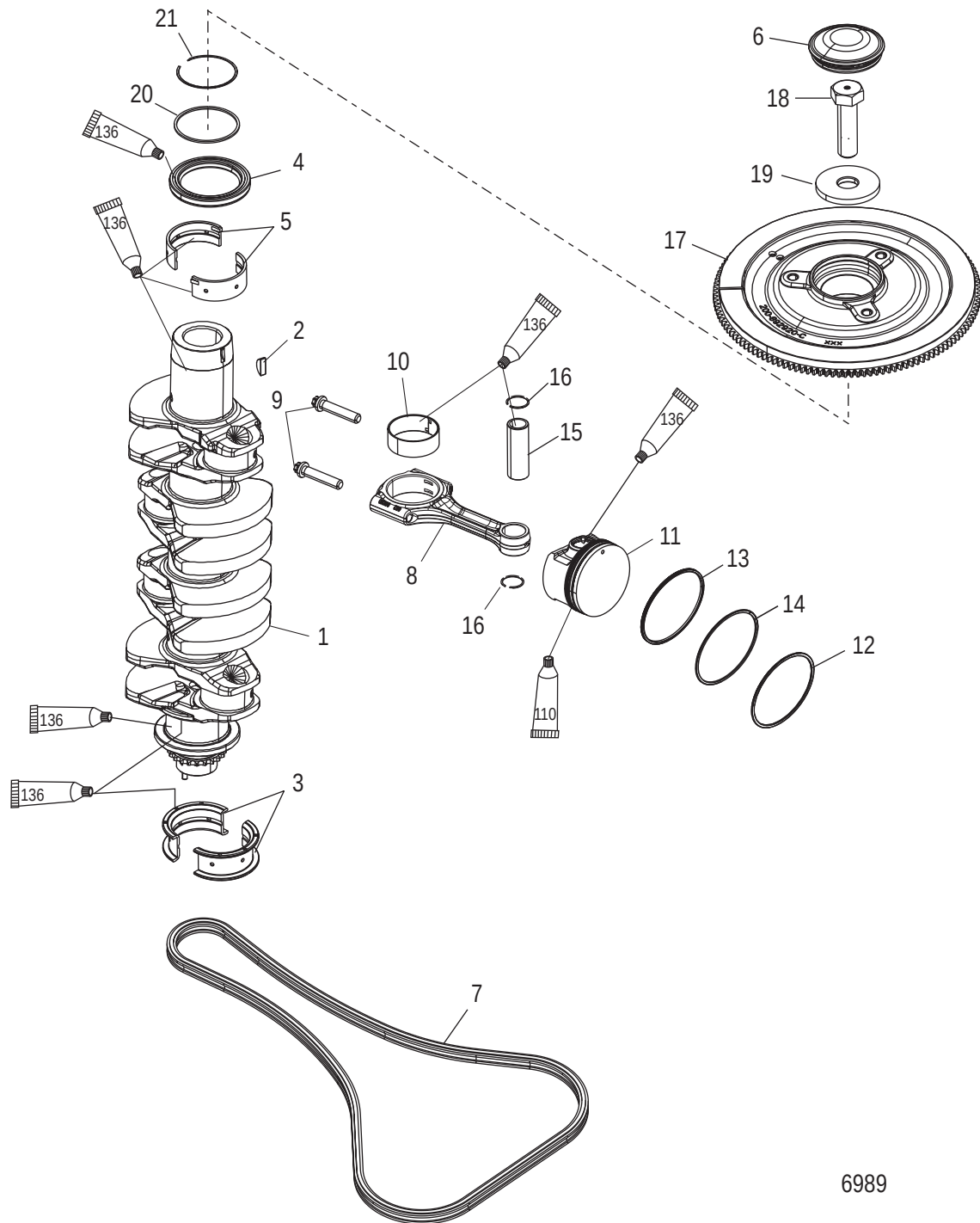
## Cylinder Head and Camshaft

| Ref # | Part Class | Part Number | Description                                                           | Comments          | Qty | Note |
|-------|------------|-------------|-----------------------------------------------------------------------|-------------------|-----|------|
| 49    | 0010       | 88552512    | SCREW (M6 x 12 MM) Stainless Steel                                    |                   | 2   |      |
| 50    | 0000       | 880609      | SENSOR ASSEMBLY                                                       | Camshaft Position | 1   |      |
| 51    | 0010       | 88552516    | SCREW (M6 x 16 MM) Stainless Steel                                    |                   | 1   |      |
| 52    | 0010       | 88552585    | SCREW (M6 x 85 MM) Stainless Steel (Included with Cam Cover Assembly) |                   | 2   |      |
| 53    | 0012       | 8M0008232   | WASHER (Included with Cam Cover Assembly)                             |                   | 2   |      |
| -     | 0027       | 896142A06   | GASKET SET Powerhead                                                  |                   | 1   |      |
| -     | 0061       | 896499A08   | LONG BLOCK ASSEMBLY                                                   |                   | 1   | [3]  |

**PART NOTES:**

- [1] - COMPONENT OF POWERHEAD/PARTIAL ENGINE 896499A08
- [2] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 896142A06  
COMPONENT OF POWERHEAD/PARTIAL ENGINE 896499A08
- [3] - Alternate part numbers:  
896499A08QS  
8M0055436Reman

## Crankshaft, Pistons and Connecting Rods



6989

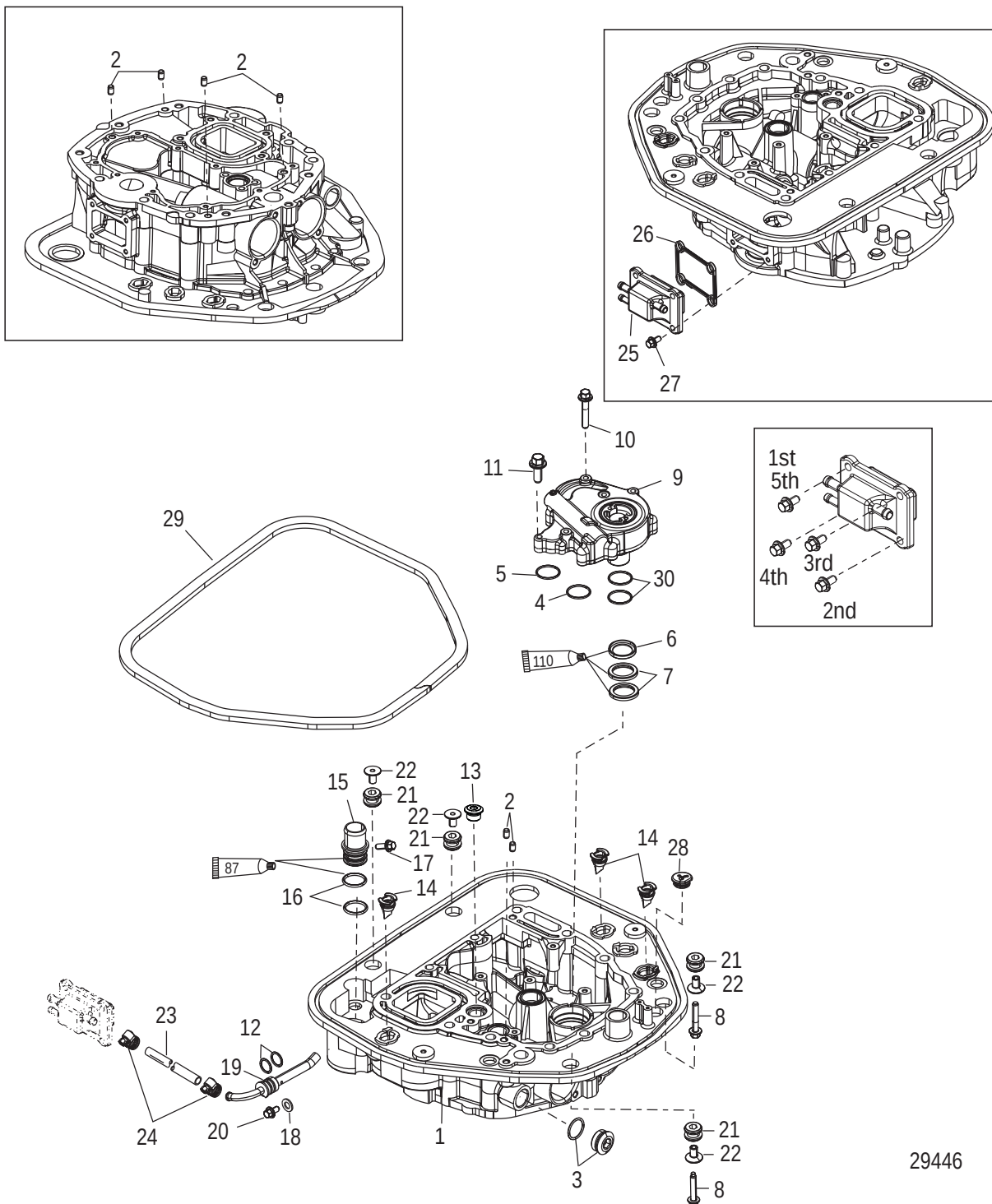
## Crankshaft, Pistons and Connecting Rods

| Ref # | Part Class | Part Number | Description                                 | Comments    | Qty  | Note |
|-------|------------|-------------|---------------------------------------------|-------------|------|------|
| 1     | 0400       | 880514A02   | CRANKSHAFT ASSEMBLY                         |             | 1    | [1]  |
| 2     | 0028       | 91800       | KEY Woodruff                                |             | 1    | [1]  |
| 3     | 0023       | 892309T01   | BEARING Thrust - Green Crankshaft-Lower     | (Green)     | 2/AR | [1]  |
| 3     | 0023       | 892309T02   | BEARING Thrust - Navy Blue Crankshaft-Lower | (Navy Blue) | 2/AR | [1]  |
| 3     | 0023       | 892309T03   | BEARING Thrust - White Crankshaft-Lower     | (White)     | 2/AR | [1]  |
| 3     | 0023       | 892309T04   | BEARING Thrust - Orange Crankshaft-Lower    | (Orange)    | 2/AR | [1]  |
| 4     | 0026       | 8805251     | SEAL Top Main Bearing                       |             | 1    | [2]  |
| 5     | 0023       | 897498T05   | BEARING Main - Green Crankshaft-Upper       |             | 8    | [1]  |
| 5     | 0023       | 897498T06   | BEARING Main - Navy Blue Crankshaft-Upper   |             | 8    | [1]  |
| 5     | 0023       | 897498T07   | BEARING Main - White Crankshaft-Upper       |             | 8    | [1]  |
| 5     | 0023       | 897498T08   | BEARING Main - Orange Crankshaft-Upper      |             | 8    | [1]  |
| 6     | 0019       | 885348      | CAP Flywheel Bolt                           |             | 1    | [1]  |
| 7     | 0000       | 897796      | CHAIN Roller Cam Drive                      |             | 1    | [1]  |
| 8     | 0662       | 881210T02   | CONNECTING ROD ASSEMBLY                     |             | 4    | [1]  |
| 9     | 0010       | 884441      | BOLT                                        |             | 8    | [1]  |
| 10    | 0023       | 892005A01   | BEARING Connecting Rod - Blue               | (Blue)      | 8    | [1]  |
| 10    | 0023       | 892005A02   | BEARING Connecting Rod - White              | (White)     | 8    | [1]  |
| 10    | 0023       | 892005A03   | BEARING Connecting Rod - Orange             | (Orange)    | 8    | [1]  |
| 11    | 0700       | 898499T02   | PISTON ASSEMBLY                             |             | 4    | [1]  |
| 12    | 0039       | 881180A02   | RING SET Piston                             |             | 4    | [1]  |
| 13    |            | NSS         | NOT SOLD SEPARATE Oil Ring                  |             | 4    | [1]  |
| 14    |            | NSS         | NOT SOLD SEPARATE Piston Ring-Second        |             | 4    | [1]  |
| 15    |            | NSS         | NOT SOLD SEPARATE Piston Pin                |             | 4    | [1]  |
| 16    | 0040       | 896594      | CIRCLIP                                     |             | 8    | [1]  |
| 17    | 0200       | 892920T03   | FLYWHEEL ASSEMBLY                           |             | 1    | [1]  |
| 18    | 0010       | 880515      | BOLT (M20 x 68)                             |             | 1    | [1]  |
| 19    | 0012       | 880517      | WASHER                                      |             | 1    | [1]  |
| 20    | 0023       | 896883      | SPACER                                      |             | 1    | [1]  |
| 21    | 0053       | 896882      | RING Retaining                              |             | 1    | [1]  |
| -     | 0027       | 896142A06   | GASKET SET Powerhead                        |             | 1    |      |
| -     | 0061       | 896499A08   | LONG BLOCK ASSEMBLY                         |             | 1    | [3]  |

## PART NOTES:

- [1] - COMPONENT OF POWERHEAD/PARTIAL ENGINE 896499A08
- [2] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 896142A06  
COMPONENT OF POWERHEAD/PARTIAL ENGINE 896499A08
- [3] - Alternate part numbers:  
896499A08QS  
8M0055436Reman

## Oil Pump/Adaptor Plate-Upper



29446

## Oil Pump/Adaptor Plate-Upper

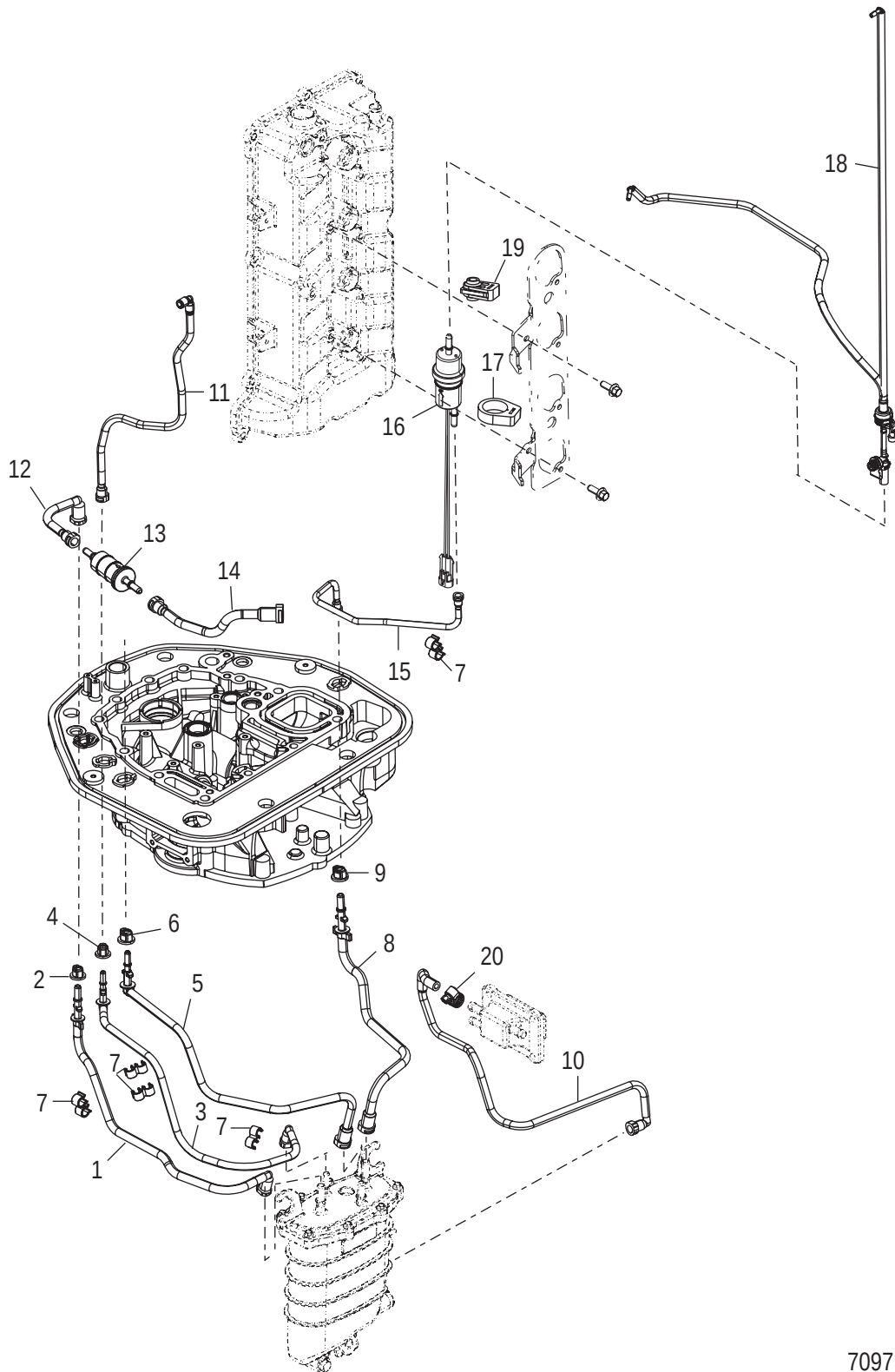
| Ref # | Part Class | Part Number | Description                                          | Comments | Qty | Note |
|-------|------------|-------------|------------------------------------------------------|----------|-----|------|
| 1     | 0000       | 896689A01   | ADAPTER PLATE ASSEMBLY                               |          | 1   |      |
| 2     | 0017       | 892228      | PIN Dowel                                            |          | 6   |      |
| 3     | 0019       | 896951      | PLUG (24 mm)                                         |          | 1   |      |
| 4     | 0025       | 897134      | O-RING (1.051 x 1.070) (Inlet)                       |          | 1   | [1]  |
| 5     | 0025       | 897135      | O-RING (.864 x .070) (Outlet)                        |          | 1   | [1]  |
| 6     | 0026       | 884461      | SEAL Oil                                             |          | 1   | [1]  |
| 7     | 0026       | 884462      | SEAL Water                                           |          | 2   | [1]  |
| 8     | 0010       | 897964      | SCREW (M6)                                           |          | 4   |      |
| 9     | 0000       | 892894T05   | PUMP ASSEMBLY Oil                                    |          | 1   |      |
| 10    | 0010       | 88552545    | SCREW (M6 x 45 MM) Stainless Steel                   |          | 4   |      |
| 11    | 0010       | 88552535    | SCREW (M6 x 35 MM) Stainless Steel                   |          | 1   |      |
| 12    | 0025       | 892446      | O-RING (14 X 1.78 MM)                                |          | 2   |      |
| 13    | 0019       | 8M0027347   | PLUG (M18 x 1.5)                                     |          | 1   |      |
| 14    | 0000       | 888819002   | DRAIN Cowl                                           |          | 3   |      |
| 15    | 0022       | 896934A02   | FITTING ASSEMBLY Dump                                |          | 1   |      |
| 16    | 0025       | 26317       | O-RING                                               |          | 2   | [1]  |
| 17    | 0010       | 88552516    | SCREW (M6 x 16 MM) Stainless Steel                   |          | 1   |      |
| 18    | 0012       | 4002316     | WASHER (6.60 X 17.0 X 1.5SS)                         |          | 1   |      |
| 19    | 0022       | 896547001   | FITTING                                              |          | 1   |      |
| 20    | 0010       | 88552512    | SCREW (M6 x 12 MM) Stainless Steel                   |          | 1   |      |
| 21    | 0025       | 896671      | GROMMET                                              |          | 4   |      |
| 22    | 0023       | 8M8023048   | BUSHING                                              |          | 4   |      |
| 23    | 0032       | 830757130   | TUBING (.312) (70.00 Inches Bulk) (Cut to 21 Inches) |          | 1   |      |
| 24    | 0054       | 815504104   | CLAMP Worm Gear                                      |          | 2   |      |
| 25    | 0000       | 892562T01   | HOUSING Manifold                                     |          | 1   |      |
| 26    | 0000       | 892117      | SEAL                                                 |          | 1   |      |
| 27    | 0010       | 88552516    | SCREW (M6 x 16 MM) Stainless Steel                   |          | 4   |      |
| 28    | 0025       | 897433      | GROMMET                                              |          | 1   |      |
| 29    | 0000       | 896864001   | SEAL Adaptor Plate                                   |          | 1   |      |
| 30    | 0025       | 8M0034912   | O-RING 3.78 X 21.32                                  |          | 2   |      |
| -     | 0027       | 896142A06   | GASKET SET Powerhead                                 |          | 1   |      |

## PART NOTES:

[1] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 896142A06



## Adapter Plate Hose Routings



7097



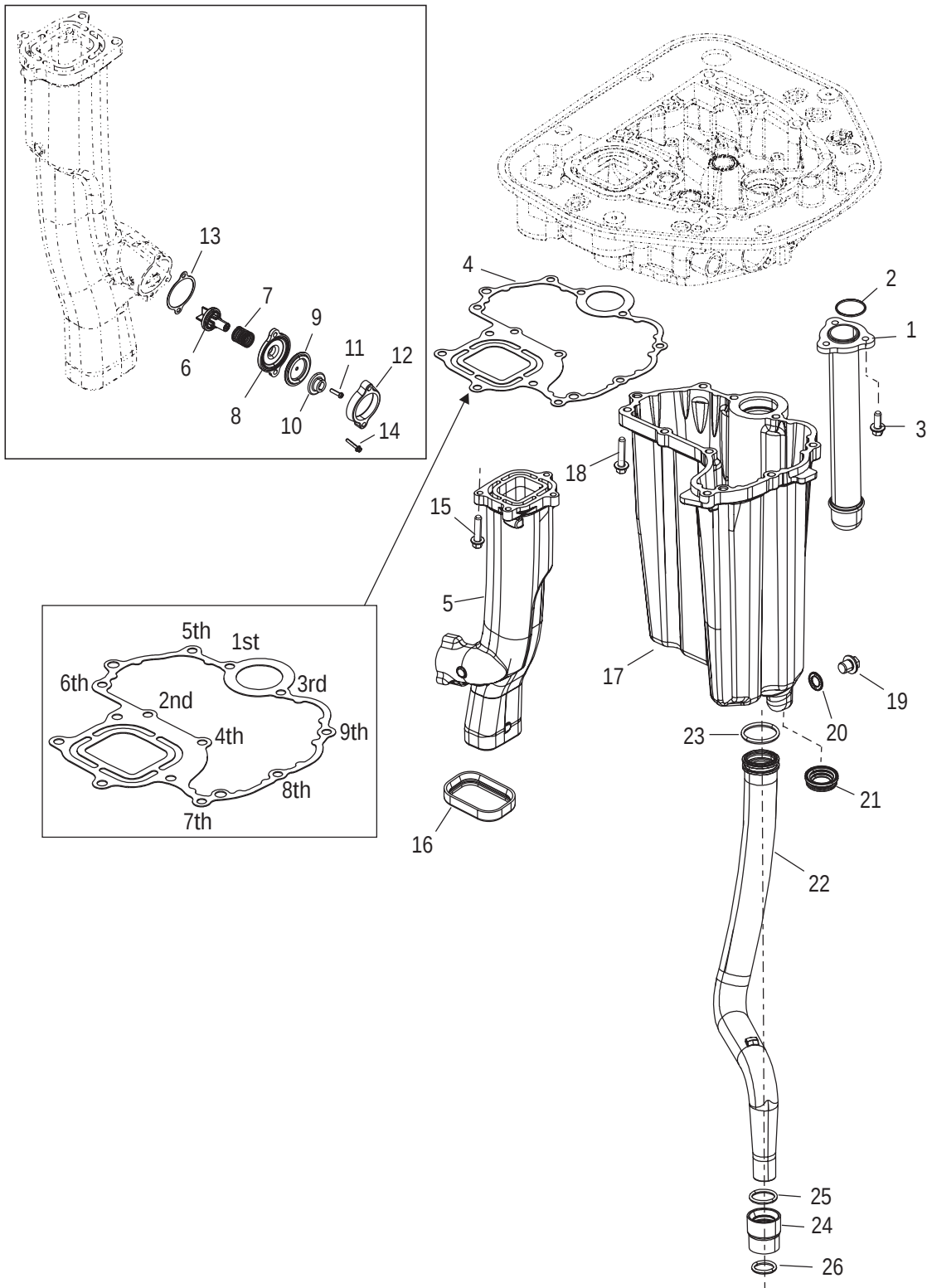
## Adapter Plate Hose Routings

| Ref # | Part Class | Part Number | Description         | Comments           | Qty | Note |
|-------|------------|-------------|---------------------|--------------------|-----|------|
| 1     | 0032       | 8M0012217   | HOSE                | [1B792494] & Below | 1   |      |
| 1     | 0032       | 8M0043795   | HOSE                | [1B792495] & Up    | 1   |      |
| 2     | 0025       | 884546      | GROMMET             |                    | 1   |      |
| 3     | 0032       | 8M0012208   | HOSE                |                    | 1   |      |
| 4     | 0025       | 884546      | GROMMET             |                    | 1   |      |
| 5     | 0032       | 8M0012210   | HOSE                |                    | 1   |      |
| 6     | 0025       | 884546      | GROMMET             |                    | 1   |      |
| 7     | 0000       | 888523001   | CLIP                |                    | AR  |      |
| 8     | 0032       | 8M0012219   | HOSE                | [1B792494] & Below | 1   |      |
| 8     | 0032       | 8M0043797   | HOSE                | [1B792495] & Up    | 1   |      |
| 9     | 0025       | 884546      | GROMMET             |                    | 1   |      |
| 10    | 0032       | 8M0012206   | HOSE Water          |                    | 1   |      |
| 11    | 0032       | 8M0012209   | HOSE To CAC         |                    |     |      |
| 12    | 0032       | 8M0012204   | HOSE                | [1B792494] & Below | 1   |      |
| 12    | 0032       | 8M0043791   | HOSE                | [1B792495] & Up    | 1   |      |
| 13    | 0035       | 879885T     | FILTER Fuel         |                    | 1   | [1]  |
| 14    | 0032       | 8M0012205   | HOSE To Fuel Rail   | [1B792494] & Below | 1   |      |
| 14    | 0032       | 8M0043792   | HOSE To Fuel Rail   | [1B792495] & Up    | 1   |      |
| 15    | 0032       | 8M0012209   | HOSE                |                    | 1   |      |
| 16    | 0000       | 884545A02   | CANISTER ASSEMBLY   |                    |     |      |
| 17    | 0025       | 897434      | GROMMET             |                    | 1   |      |
| 18    | 0000       | 896693A05   | VENT ASSEMBLY Purge |                    | 1   |      |
| 19    | 0025       | 897452      | GROMMET             |                    | 1   |      |
| 20    | 0054       | 815504104   | CLAMP Worm Gear     |                    | 1   |      |

## PART NOTES:

- [1] - Alternate part numbers:
- 879885KMPP
  - 879885QQS
  - 879885TService Part

## Adapter Plate-Lower



7072

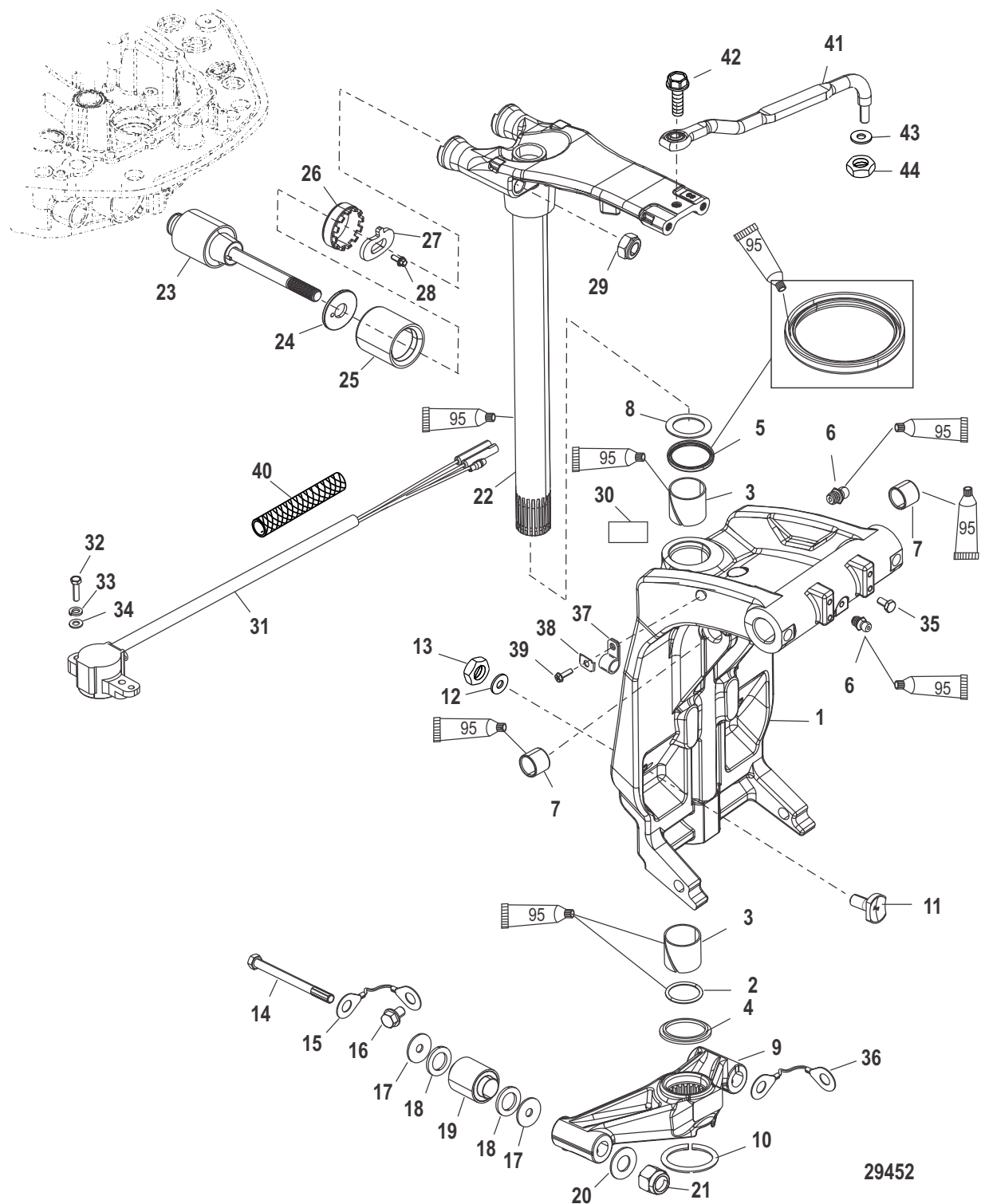
## Adapter Plate-Lower

| Ref # | Part Class | Part Number | Description                        | Comments | Qty | Note |
|-------|------------|-------------|------------------------------------|----------|-----|------|
| 1     | 0000       | 896241      | TUBE Oil Pickup                    |          | 1   |      |
| 2     | 0025       | 38780       | O-RING                             |          | 1   | [1]  |
| 3     | 0010       | 88552525    | SCREW (M6 x 25 MM) Stainless Steel |          | 3   |      |
| 4     | 0027       | 895822      | GASKET Oil Sump                    |          | 1   | [1]  |
| 5     | 0000       | 895825T01   | TUBE ASSEMBLY Exhaust              |          | 1   |      |
| 6     | 0000       | 888913A01   | POPPET ASSEMBLY                    |          | 1   |      |
| 7     | 0024       | 64878       | SPRING (Black)                     |          | 1   |      |
| 8     | 0000       | 893385001   | RETAINER                           |          | 1   |      |
| 9     | 0000       | 648771      | DIAPHRAGM                          |          | 1   |      |
| 10    | 0000       | 889706      | WASHER                             |          | 1   |      |
| 11    | 0010       | 69570       | SCREW (#10-16 x .750)              |          | 1   |      |
| 12    | 0000       | 893384001   | COVER Poppet                       |          | 1   |      |
| 13    | 0027       | 889561      | GASKET Poppet                      |          | 1   | [1]  |
| 14    | 0010       | 88552535    | SCREW (M6 x 35 MM) Stainless Steel |          | 2   |      |
| 15    | 0010       | 88552635    | SCREW (M8 x 35 MM)                 |          | 4   |      |
| 16    | 0026       | 880629      | SEAL Exhaust Tube                  |          | 1   | [2]  |
| 17    | 0000       | 895821T     | SUMP ASSEMBLY Oil                  |          | 1   |      |
| 18    | 0010       | 88552530    | SCREW (M6 x 30 MM) Stainless Steel |          | 9   |      |
| 19    | 0000       | 888592005   | PLUG ASSEMBLY Oil Drain            |          | 1   |      |
| 20    | 0026       | 888593      | SEAL                               |          | 1   | [1]  |
| 21    | 0000       | 896242      | SEAL                               |          | 1   |      |
| 22    | 0032       | 896107A01   | TUBE ASSEMBLY Water                | (Long)   | 1   |      |
| 22    | 0032       | 896107A02   | TUBE ASSEMBLY Water                | (X-Long) | 1   |      |
| 23    | 0025       | 892445      | O-RING                             |          | 1   | [1]  |
| 24    | 0022       | 887987A1    | COUPLING                           |          | 1   |      |
| 25    | 0025       | 90196       | O-RING (.921 x .139)               |          | 1   | [1]  |
| 26    | 0025       | 21836       | O-RING (.796 x .139)               |          | 1   | [1]  |
| -     | 0027       | 896142A06   | GASKET SET Powerhead               |          | 1   |      |

## PART NOTES:

- [1] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 896142A06
- [2] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 896142A06  
COMPONENT OF POWERHEAD/PARTIAL ENGINE 896499A08

## Swivel Bracket and Steering Arm

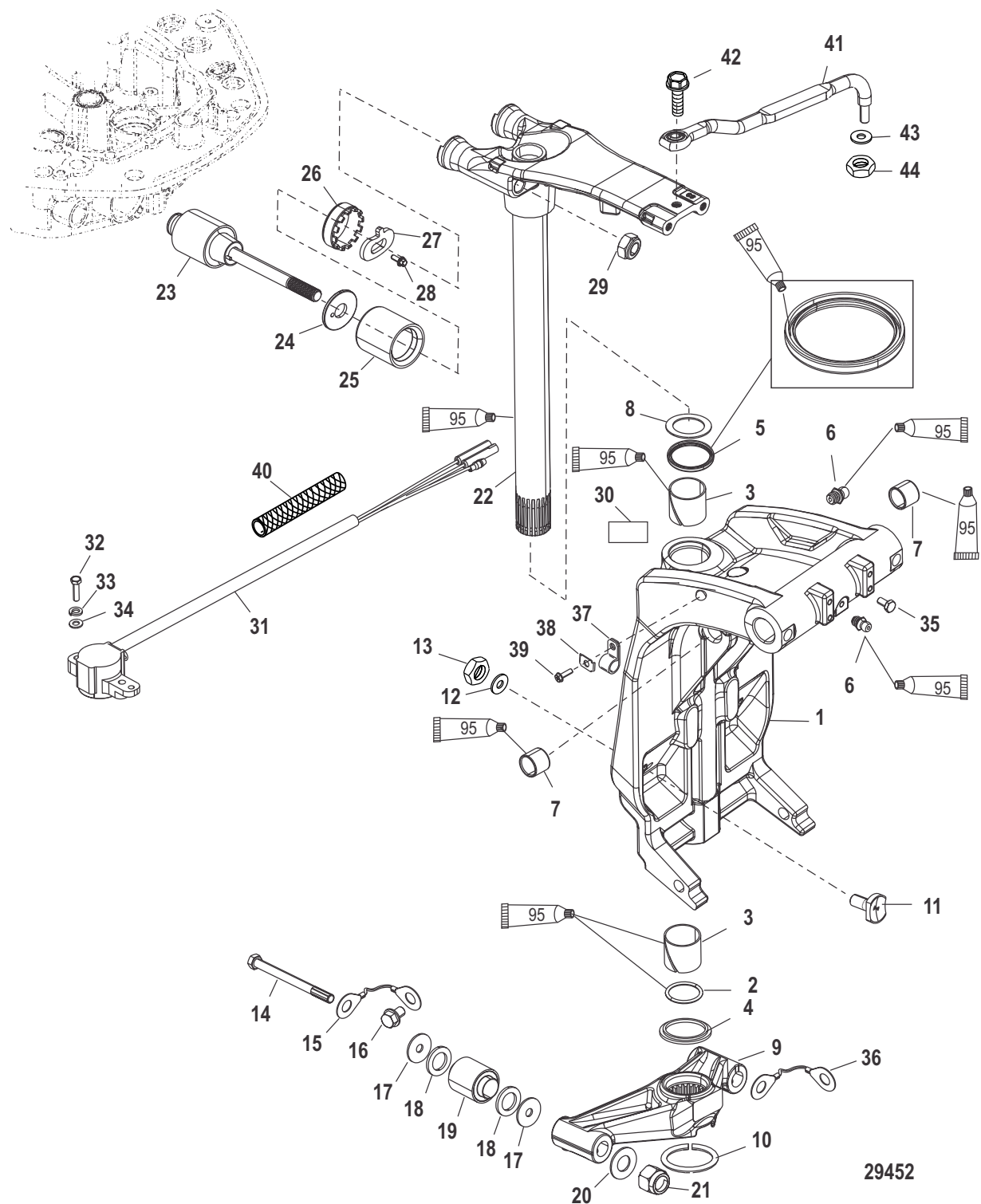


## Swivel Bracket and Steering Arm

| Ref # | Part Class | Part Number | Description                                                           | Comments | Qty | Note |
|-------|------------|-------------|-----------------------------------------------------------------------|----------|-----|------|
| 1     | 1499       | 8710T20     | SWIVEL BRACKET ASSEMBLY<br>Black                                      |          | 1   |      |
| 2     | 0025       | 33504       | O-RING                                                                |          | 1   |      |
| 3     | 0023       | 818764      | BUSHING                                                               |          | 2   |      |
| 4     | 0023       | 816039      | SPACER                                                                |          | 1   |      |
| 5     | 0026       | 87735       | SEAL Oil (Lower)                                                      |          | 1   |      |
| 6     | 0022       | 74036       | FITTING Grease                                                        |          | 2   |      |
| 7     | 0023       | 821207      | BUSHING                                                               |          | 2   |      |
| 8     | 0012       | 816432      | THRUST WASHER                                                         |          | 1   |      |
| 9     | 0000       | 896888T     | YOKE Bottom                                                           |          | 1   |      |
| 10    | 0053       | 67684       | RING Retaining                                                        |          | 1   |      |
| 11    | 0000       | 996301      | STRIKER PLATE                                                         |          | 2   |      |
| 12    | 0013       | 58643       | LOCKWASHER (.375)                                                     |          | 2   |      |
| 13    | 0011       | 46335       | NUT (.375-24)                                                         |          | 2   |      |
| 14    | 0010       | 896217      | BOLT (M14 x 175)                                                      |          | 2   |      |
| 15    | 0000       | 88238A10    | CABLE ASSEMBLY Ground                                                 |          | 1   |      |
| 16    | 0010       | 41508       | SCREW (.250-20 x .500) Stainless<br>Steel                             |          | 1   |      |
| 17    | 0012       | 815432      | WASHER (.562 x 2.00 x .125)                                           |          | 4   |      |
| 18    | 0012       | 8154331     | WASHER (1.25 x 2.00 x .19)                                            |          | 4   |      |
| 19    | 0000       | 813771003   | MOUNT Lower                                                           |          | 2   |      |
| 20    | 0012       | 825190      | WASHER                                                                |          | 2   |      |
| 21    | 0011       | 896602      | NUT (M14)                                                             |          | 2   |      |
| 22    | 0017       | 826432T10   | SWIVEL PIN ASSEMBLY                                                   |          | 1   |      |
| 23    | 0000       | 897991A01   | MOUNT ASSEMBLY                                                        |          | 2   |      |
| 24    | 0012       | 898443      | WASHER Retainer                                                       |          | 2   |      |
| 25    | 0000       | 898444001   | SLEEVE                                                                |          | 2   |      |
| 26    | 0011       | 897731001   | NUT Spanner                                                           |          | 2   |      |
| 27    | 0000       | 897728      | RETAINER                                                              |          | 2   |      |
| 28    | 0010       | 88552520    | SCREW (M6 x 20 MM) Stainless<br>Steel                                 |          | 2   |      |
| 29    | 0011       | 896602      | NUT (M14)                                                             |          | 2   |      |
| 30    |            | NSS         | NOT SOLD SEPARATE Decal-<br>Serial Overlamine                         |          | 1   |      |
| 31    | 0000       | 896688001   | SENDER ASSEMBLY Trim Digital                                          |          | 1   |      |
| 32    | 0010       | 852368      | SCREW (#10-24 x .750)                                                 |          | 2   |      |
| 33    | 0013       | 26996       | LOCKWASHER (#10) Stainless<br>Steel                                   |          | 2   |      |
| 34    | 0012       | 89302       | WASHER (.203 x .406 x .040)                                           |          | 2   |      |
| 35    | 0010       | 64014       | SCREW (.250-28 x .500)                                                |          | 2   |      |
| 36    | 0000       | 88238T22    | CABLE ASSEMBLY                                                        |          | 1   |      |
| 37    | 0054       | 22740       | CLIP                                                                  |          | 2   |      |
| 38    | 0000       | 69205       | C WASHER                                                              |          | 1   |      |
| 39    | 0010       | 878609      | SCREW (#10-16 x .600)                                                 |          | 1   |      |
| 40    | 0032       | 828547353   | CONDUIT (.350 Inside Diameter x<br>3.00 Feet Bulk) (Cut to 16 Inches) |          | 1   |      |
| 41    | 0000       | 92876A12    | LINK ROD ASSEMBLY                                                     |          | 1   |      |

Swivel Bracket and Steering Arm

## Swivel Bracket and Steering Arm



**Cat.# 90-898164008**

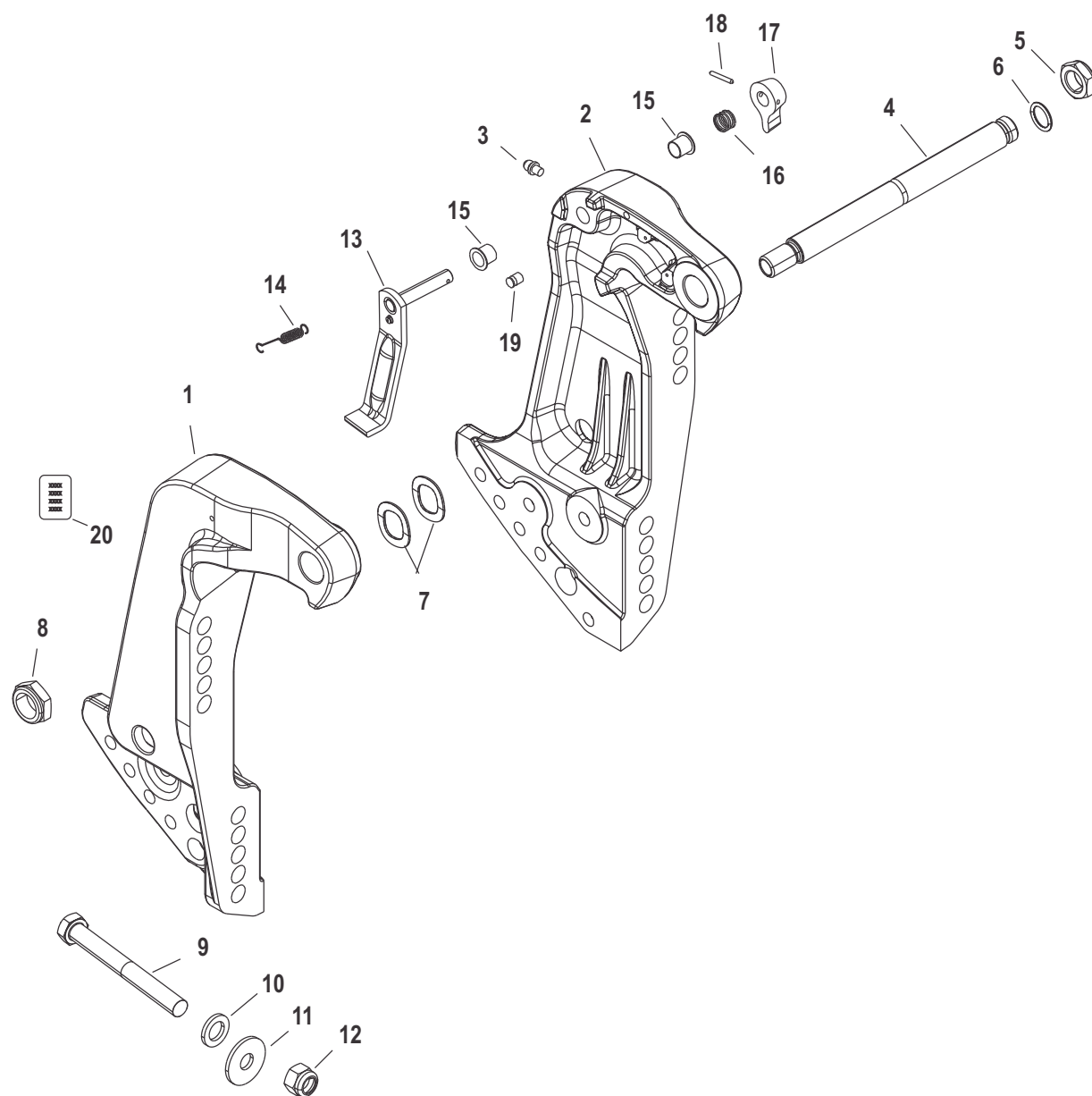
## Swivel Bracket and Steering Arm

| Ref # | Part Class | Part Number | Description                                    | Comments | Qty | Note |
|-------|------------|-------------|------------------------------------------------|----------|-----|------|
| 42    | 0010       | 849838      | SCREW (.375-24 x 1.250)                        |          | 1   |      |
| 43    | 0012       | 37828       | WASHER (.390 x .625 x .062)<br>Stainless Steel |          | 2   |      |
| 44    | 0011       | 8M0042636   | NUT (.375-24) Brass                            |          | 1   |      |

---

Swivel Bracket and Steering Arm

## Transom Brackets



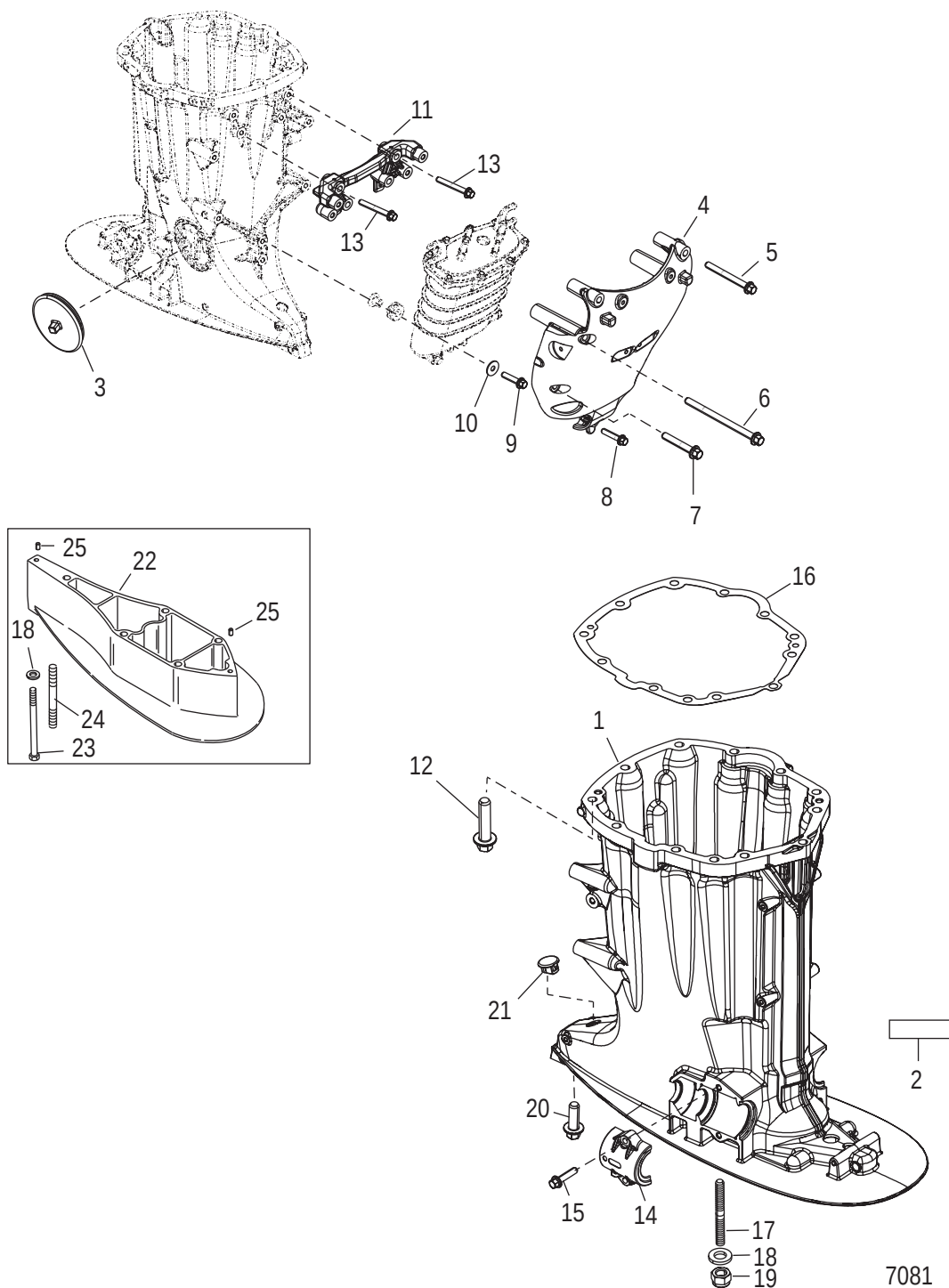
42502



## Transom Brackets

| Ref # | Part Class | Part Number | Description                                 | Comments | Qty | Note |
|-------|------------|-------------|---------------------------------------------|----------|-----|------|
| -     | 3425       | 828333A09   | TRANSOM BRACKET KIT                         |          | 1   |      |
| 1     |            | NSS         | NOT SOLD SEPARATE Transom Bracket-Starboard |          | 1   |      |
| 2     |            | NSS         | NOT SOLD SEPARATE Transom Bracket-Port      |          | 1   |      |
| 3     | 0022       | 98727       | FITTING Grease Port                         |          | 1   |      |
| 4     | 0000       | 826125A1    | TILT TUBE                                   |          | 1   |      |
| 5     | 0011       | 826135      | NUT (1.00-14) Nylon Insert                  |          | 1   |      |
| 6     | 0025       | 45711       | O-RING (.612 x .103)                        |          | 1   |      |
| 7     | 0013       | 88750       | WASHER                                      |          | 2   |      |
| 8     | 0011       | 826164      | NUT (.875-14)                               |          | 1   |      |
| 9     | 0010       | 677551      | SCREW (.500-20 x 4.500)                     |          | 4   |      |
| 9     | 0010       | 8M0033366   | SCREW (.500-20 x 5 Inches)                  |          | 4   |      |
| 10    | 0012       | 54012       | WASHER (.530 x .870 x .105) Stainless Steel |          | 4   |      |
| 11    | 0012       | 28421       | WASHER (1.5 x 3.05 x 0.13) Stainless Steel  |          | 4   |      |
| 12    | 0011       | 82671117    | NUT (.500-20)                               |          | 4   |      |
| 13    | 0000       | 99629T2     | LEVER ASSEMBLY Tilt Lock                    |          | 1   |      |
| 14    | 0024       | 830899      | SPRING Tension                              |          | 1   |      |
| 15    | 0023       | 65830       | NYLINER                                     |          | 2   |      |
| 16    | 0024       | 830900      | SPRING Compression                          |          | 1   |      |
| 17    | 0000       | 99633       | KNOB                                        |          | 1   |      |
| 18    | 0017       | 99615       | PIN Groove                                  |          | 1   |      |
| 19    | 0017       | 893709      | PIN                                         |          | 1   |      |
| 20    | 0037       | 8M0043059   | DECAL Warning                               |          | 1   |      |

## Driveshaft Housing



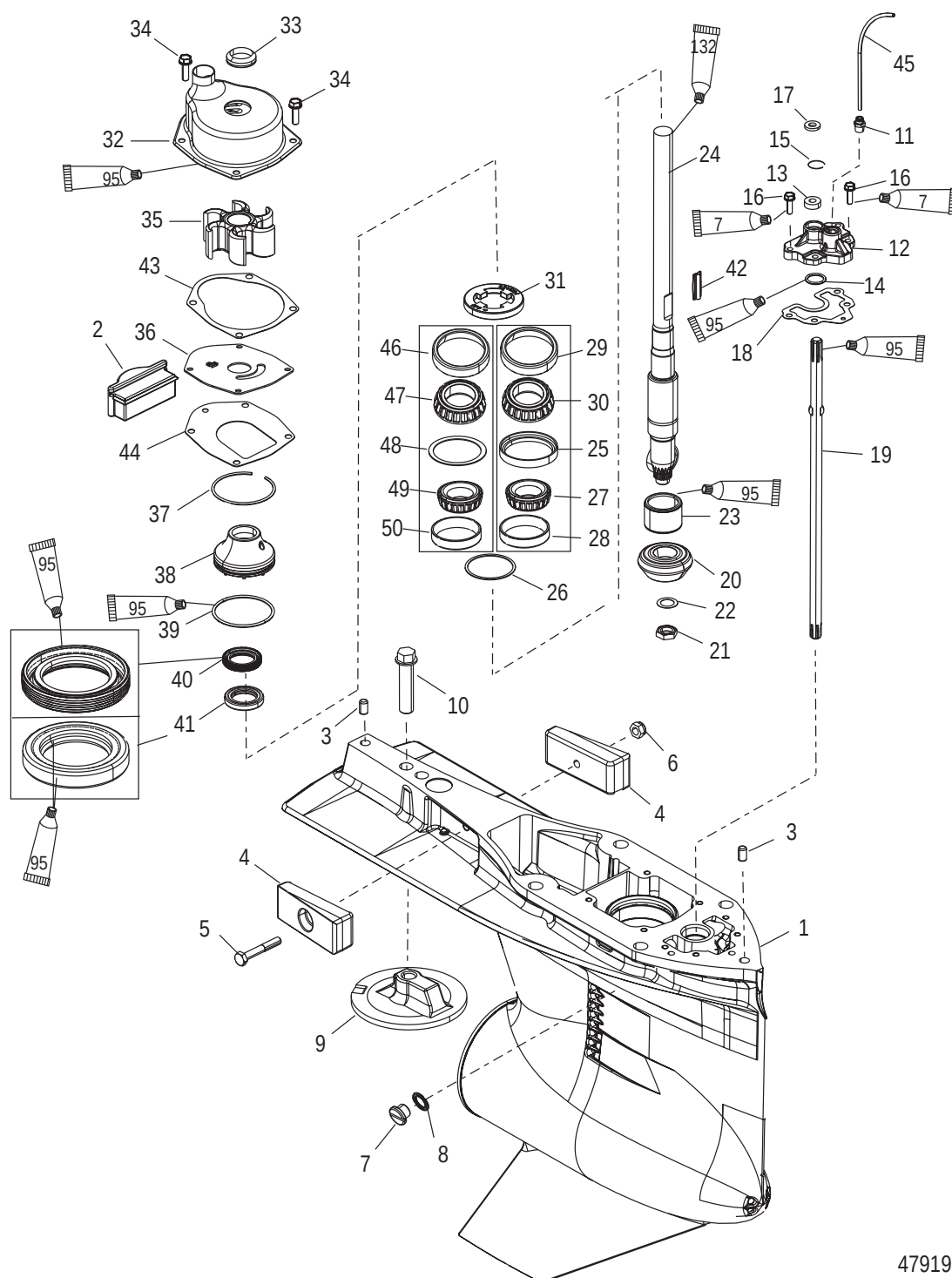
## Driveshaft Housing

| Ref # | Part Class | Part Number | Description                                    | Comments | Qty    | Note |
|-------|------------|-------------|------------------------------------------------|----------|--------|------|
| 1     | 1500       | 895305T01   | HOUSING Driveshaft                             |          | 1      |      |
| 2     |            | NSS         | NOT SOLD SEPARATE Decal-Oil Drain              |          | 1      |      |
| 3     | 0025       | 889568001   | GROMMET                                        |          | 1      |      |
| 4     | 0000       | 889656T01   | SHROUD                                         |          | 1      |      |
| 5     | 0010       | 88552675    | SCREW (M8 x 75)                                |          | 2      |      |
| 6     | 0010       | 885526120   | SCREW (M8 x 120)                               |          | 2      |      |
| 7     | 0010       | 88552650    | SCREW (M8 x 50)                                |          | 2      |      |
| 8     | 0010       | 88552640    | SCREW (M8 x 40)                                |          | 1      |      |
| 9     | 0010       | 88552635    | SCREW (M8 x 35 MM)                             |          | 3      |      |
| 10    | 0012       | 817274      | WASHER (.344 x 1.00 x .063)<br>Stainless Steel |          | 3      |      |
| 11    | 0000       | 896210004   | BRACKET                                        |          | 1      |      |
| 12    | 0010       | 88552740    | SCREW (M10 x 40)                               |          | 5      | [1]  |
| 13    | 0010       | 88552650    | SCREW (M8 x 50)                                |          | 4      |      |
| 14    | 0000       | 896095C01   | CLAMP Lower Mount                              |          | 2      |      |
| 15    | 0010       | 88552635    | SCREW (M8 x 35 MM)                             |          | 4      |      |
| 16    | 0027       | 895827      | GASKET                                         |          | 1      |      |
| 17    | 0016       | 856983      | STUD (M12 x 52)                                | (Long)   | 4      |      |
| 18    | 0012       | 856982      | WASHER (.500 x .810 x .090)<br>Stainless Steel |          | 4 or 5 |      |
| 19    | 0011       | 896895      | NUT (M12)                                      |          | 4      |      |
| 20    | 0010       | 88552835    | SCREW (M12 x 35 MM)                            | (Long)   | 1      |      |
| 21    | 0019       | 824928001   | PLUG Rubber (Use where Applicable)             |          | 1      |      |
| 22    | 0000       | 880647T02   | SPACER                                         | (X-Long) | 1      |      |
| 23    | 0010       | 857137      | SCREW (M12 x 160)                              | (X-Long) | 1      |      |
| 24    | 0016       | 857009      | STUD (M12 x 179)                               | (X-Long) | 4      |      |
| 25    | 0017       | 43044       | PIN Dowel - Without Hole (.375 x .625)         | (X-Long) | 2      |      |

## PART NOTES:

[1] - COMPONENT OF POWERHEAD/PARTIAL ENGINE 896499A08

# Gear Housing (Driveshaft)(Standard/Counter Rotation)



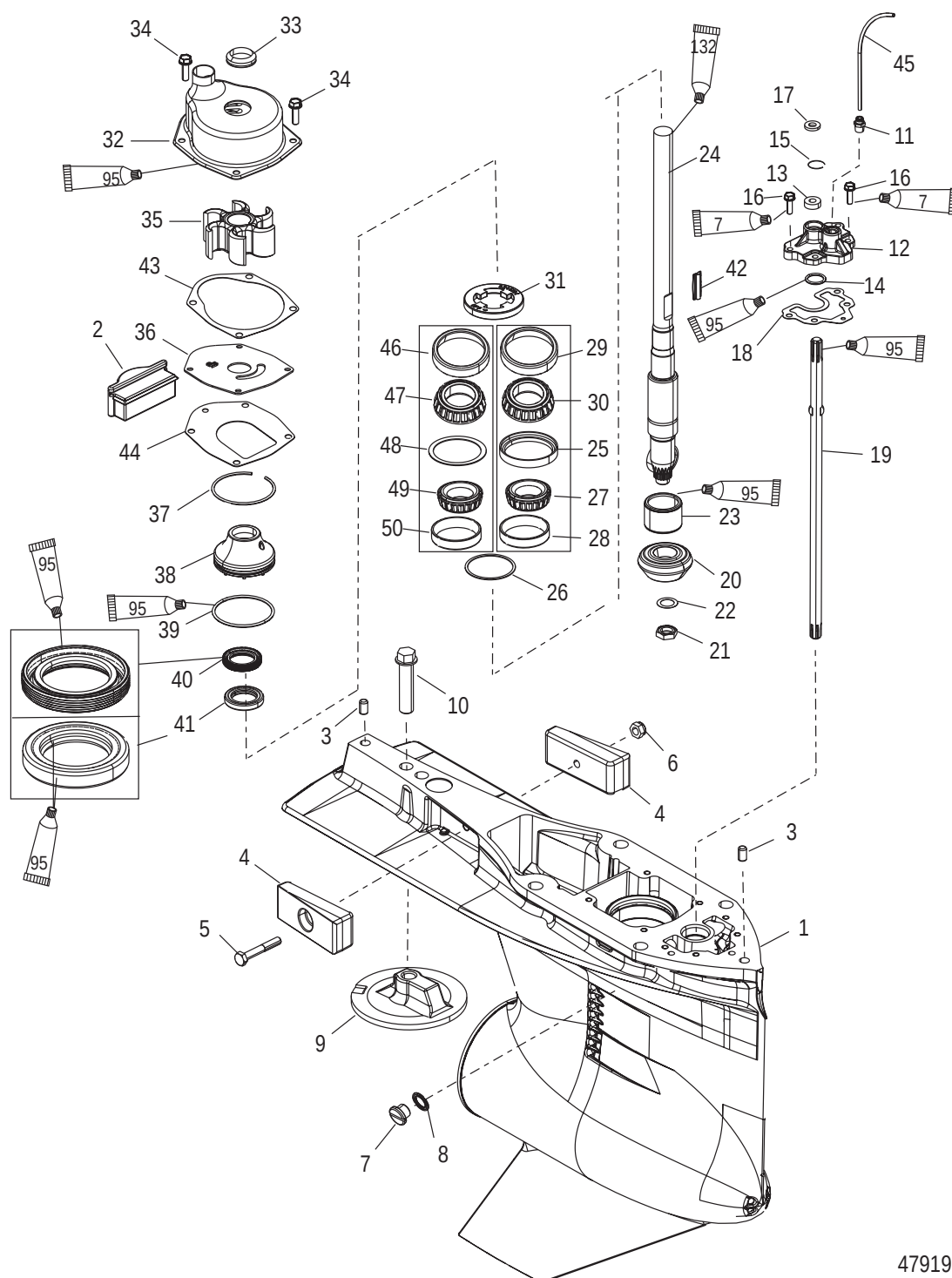
47919

## Gear Housing (Driveshaft)(Standard/Counter Rotation)

| Ref # | Part Class | Part Number | Description                                                 | Comments                | Qty | Note |
|-------|------------|-------------|-------------------------------------------------------------|-------------------------|-----|------|
| -     | 1600       | 880686T23   | GEAR HOUSING ASSEMBLY Complete                              | Long-Standard           | 1   |      |
| -     | 1600       | 880686T24   | GEAR HOUSING ASSEMBLY Complete                              | X-Long-Standard         | 1   |      |
| -     | 1600       | 880686T28   | GEAR HOUSING ASSEMBLY Complete                              | Long-Counter Rotation   | 1   |      |
| -     | 1600       | 880686T25   | GEAR HOUSING ASSEMBLY Complete                              | X-Long-Counter Rotation | 1   |      |
| 1     | 1600       | 880687T01   | GEAR HOUSING ASSEMBLY Basic Used With 5/16 Inch Shift Crank | [1B853027] & Below      | 1   |      |
| 1     | 1600       | 8M0056631   | GEAR HOUSING ASSEMBLY Basic Used With 1/4 Inch Shift Crank  | [1B853028] & Up         | 1   |      |
| 2     | 0000       | 821526001   | FILLER BLOCK                                                | [1B582979] & Below      | 1   |      |
| 2     | 0000       | 8M0010459   | FILLER BLOCK                                                | [1B583980] & Up         | 1   |      |
| 3     | 0017       | 43044       | PIN Dowel - Without Hole (.375 x .625)                      |                         | 2   |      |
| 4     | 0097       | 826134Q     | ANODE                                                       |                         | 1   | [1]  |
| 5     | 0010       | 4000333     | SCREW (M6 x 40)                                             |                         | 1   |      |
| 6     | 0011       | 401386      | NUT (M6) Stainless Steel                                    |                         | 1   |      |
| 7     | 0010       | 79953A04    | PLUG ASSEMBLY (.375-16 x .250)                              |                         | 1   |      |
| 8     | 0026       | 830749      | SEAL                                                        |                         | 1   | [2]  |
| 9     | 0097       | 76214T5     | ANODE KIT                                                   | (Mercury)               | 1   | [3]  |
| 9     | 0097       | 76214Q5     | ANODE KIT                                                   | (Quicksilver)           | 1   | [3]  |
| 10    | 0010       | 806327      | SCREW (.437-14 x 1.750)                                     |                         | 1   |      |
| 11    | 0022       | 881866      | FITTING                                                     |                         | 1   |      |
| 12    | 0000       | 880703A1    | COVER ASSEMBLY                                              | Design-I                | 1   |      |
| 12    | 0000       | 8M0047129   | COVER ASSEMBLY                                              | Design-II               | 1   |      |
| 13    | 0026       | 8164641     | SEAL Oil                                                    | Design-I and II         | 1   | [2]  |
| 14    | 0025       | 896522      | O-RING (799 x .103)                                         | Design-I and II         | 1   | [2]  |
| 15    | 0053       | 8M0046563   | RETAINING RING                                              | Design-II               | 1   |      |
| 16    | 0010       | 40011128    | SCREW (M6 x 20) Stainless Steel                             |                         | 4   |      |
| 17    | 0012       | 77674       | WASHER                                                      |                         | 1   |      |
| 18    | 0027       | 880729      | GASKET                                                      |                         | 1   | [2]  |
| 19    | 0000       | 824145      | SHIFT SHAFT                                                 |                         | 1   |      |
| 20    |            | NSS         | NOT SOLD SEPARATE Pinion Gear                               | (Part of 43-880709A02)  | 1   |      |
| 21    | 0011       | 35921       | NUT (.625-18)                                               |                         |     |      |
| 22    | 0012       | 92721       | WASHER                                                      |                         | 1   |      |
| 23    | 0031       | 42647A1     | BEARING ASSEMBLY Roller                                     |                         | 1   |      |
| 24    | 0045       | 895835      | DRIVESHAFT                                                  | (Long)                  | 1   |      |
| 24    | 0045       | 895836      | DRIVESHAFT                                                  | (X-Long)                | 1   |      |
| 25    | 0015       | 884327A02   | SHIM/BEARING ASSEMBLY                                       | [1B792549] & Below      | 1   |      |
| 26    | 0015       | 38657A1     | SHIM ASSEMBLY                                               |                         | AR  |      |
| 27    |            | NSS         | NOT SOLD SEPARATE Roller Bearing Assembly                   | [1B792549] & Below      | 1   |      |
| 28    |            | NSS         | NOT SOLD SEPARATE Cup                                       | [1B792549] & Below      | 1   |      |

Gear Housing (Driveshaft)(Standard/Counter Rotation)

# Gear Housing (Driveshaft)(Standard/Counter Rotation)



47919

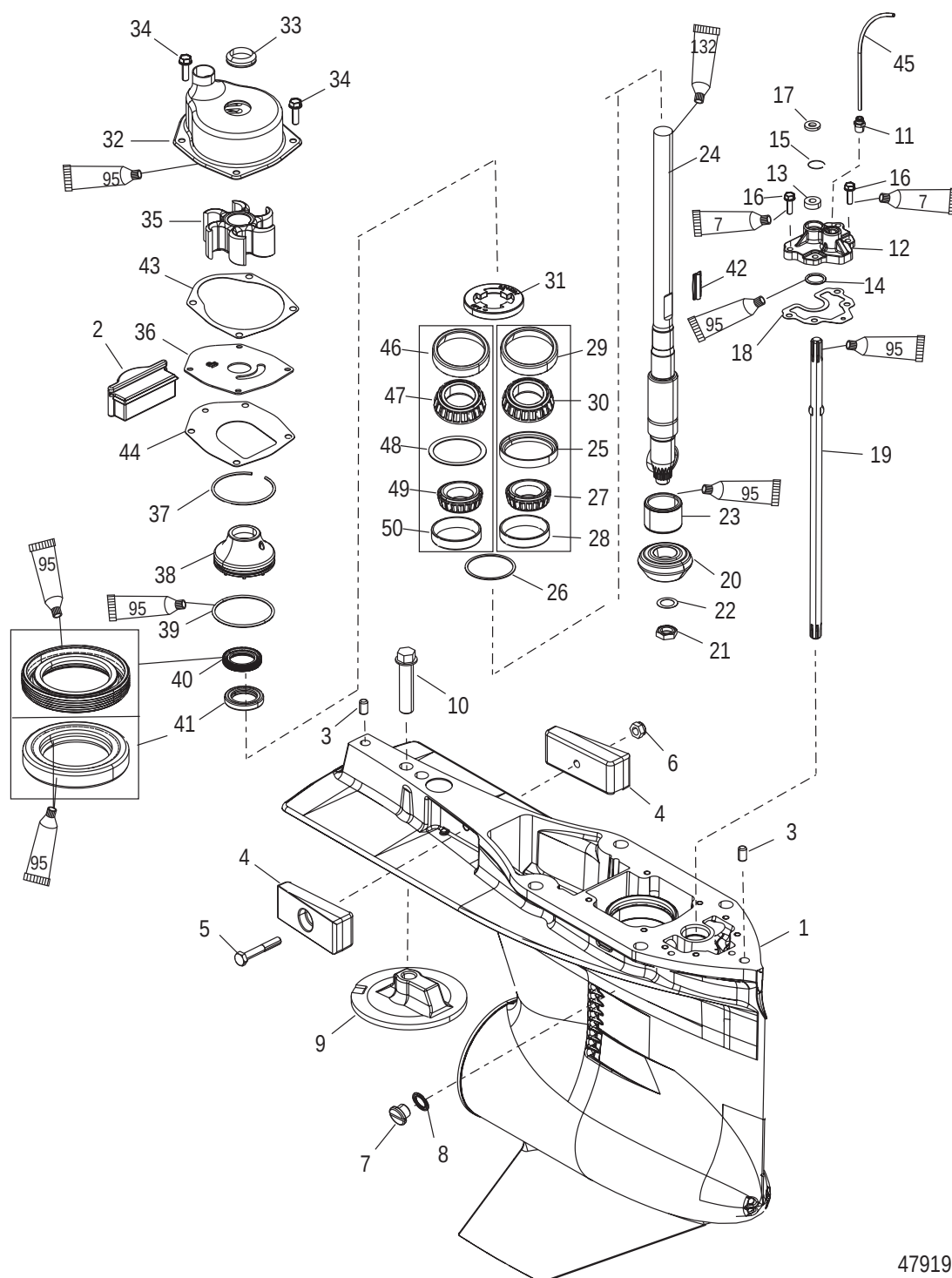
## Gear Housing (Driveshaft)(Standard/Counter Rotation)

| Ref # | Part Class | Part Number | Description                                   | Comments           | Qty | Note |
|-------|------------|-------------|-----------------------------------------------|--------------------|-----|------|
| 29    |            | NSS         | NOT SOLD SEPARATE Roller Bearing Assembly     | [1B792549] & Below | 1   |      |
| 30    |            | NSS         | NOT SOLD SEPARATE Cup                         | [1B792549] & Below | 1   |      |
| 31    | 0000       | 8245191     | RETAINER                                      |                    | 1   |      |
| 32    | 0000       | 817275A09   | HOUSING Water Pump-Complete                   |                    | 1   |      |
| 33    | 0026       | 861415A1    | SEAL KIT                                      |                    | 1   | [4]  |
| 34    | 0010       | 40011128    | SCREW (M6 x 20) Stainless Steel               |                    | 4   | [5]  |
| 35    | 0047       | 43026T2     | IMPELLER                                      |                    | 1   | [6]  |
| 36    | 0000       | 8172761     | FACEPLATE                                     |                    | 1   | [7]  |
| 37    | 0053       | 880719      | RING Retaining                                |                    | 1   |      |
| 38    | 0000       | 8M0007131   | CARRIER ASSEMBLY Oil Seal                     |                    | 1   | [2]  |
| 39    | 0025       | 896523      | O-RING (2.175 x .103)                         |                    | 1   | [2]  |
| 40    |            | NSS         | NOT SOLD SEPARATE Oil Seal                    |                    | 1   | [2]  |
| 41    |            | NSS         | NOT SOLD SEPARATE Oil Seal                    |                    | 1   | [2]  |
| 42    | 0028       | 43037       | KEY                                           |                    | 1   | [7]  |
| 43    | 0027       | 8172771     | GASKET                                        |                    | 1   | [8]  |
| 44    | 0027       | 430331      | GASKET                                        |                    | 1   | [8]  |
| 45    | 0032       | 85944975    | TUBING (72.00 Inches Bulk) (Cut to 7 Inches)  | (Long)             | 1   |      |
| 45    | 0032       | 85944975    | TUBING (72.00 Inches Bulk) (Cut to 12 Inches) | (X-Long)           | 1   |      |
| 46    | 0031       | 36387A1     | BEARING ASSEMBLY Roller/Cup                   | [1B792550] & Up    | 1   |      |
| 47    |            | NSS         | NOT SOLD SEPARATE CUP                         | [1B792550] & Up    | 1   |      |
| 48    | 0015       | 8M0053110   | SHIM SET                                      | [1B792550] & Up    | 1   |      |
| 49    | 0031       | 48939A2     | BEARING Tapered Roller                        | [1B792550] & Up    | 1   |      |
| 50    |            | NSS         | NOT SOLD SEPARATE CUP                         | [1B792550] & Up    | 1   |      |
| -     | 0026       | 830749A01   | SEAL KIT Gear Housing                         |                    | 1   |      |
| -     | 0047       | 43026Q06    | REPAIR KIT Water Pump Impeller                |                    | 1   | [9]  |
| -     | 0000       | 817275A08   | REPAIR KIT Water Pump-Upper                   |                    | 1   |      |

## PART NOTES:

- [1] - Alternate part numbers:
- 826134Service Part
  - 826134QQS
  - 826134TMPP
  - 826134T 3Magnesium
  - 8M0059344Bulk Pack
- [2] - COMPONENT OF GEAR HOUSING SEAL KIT830749A01

# Gear Housing (Driveshaft)(Standard/Counter Rotation)



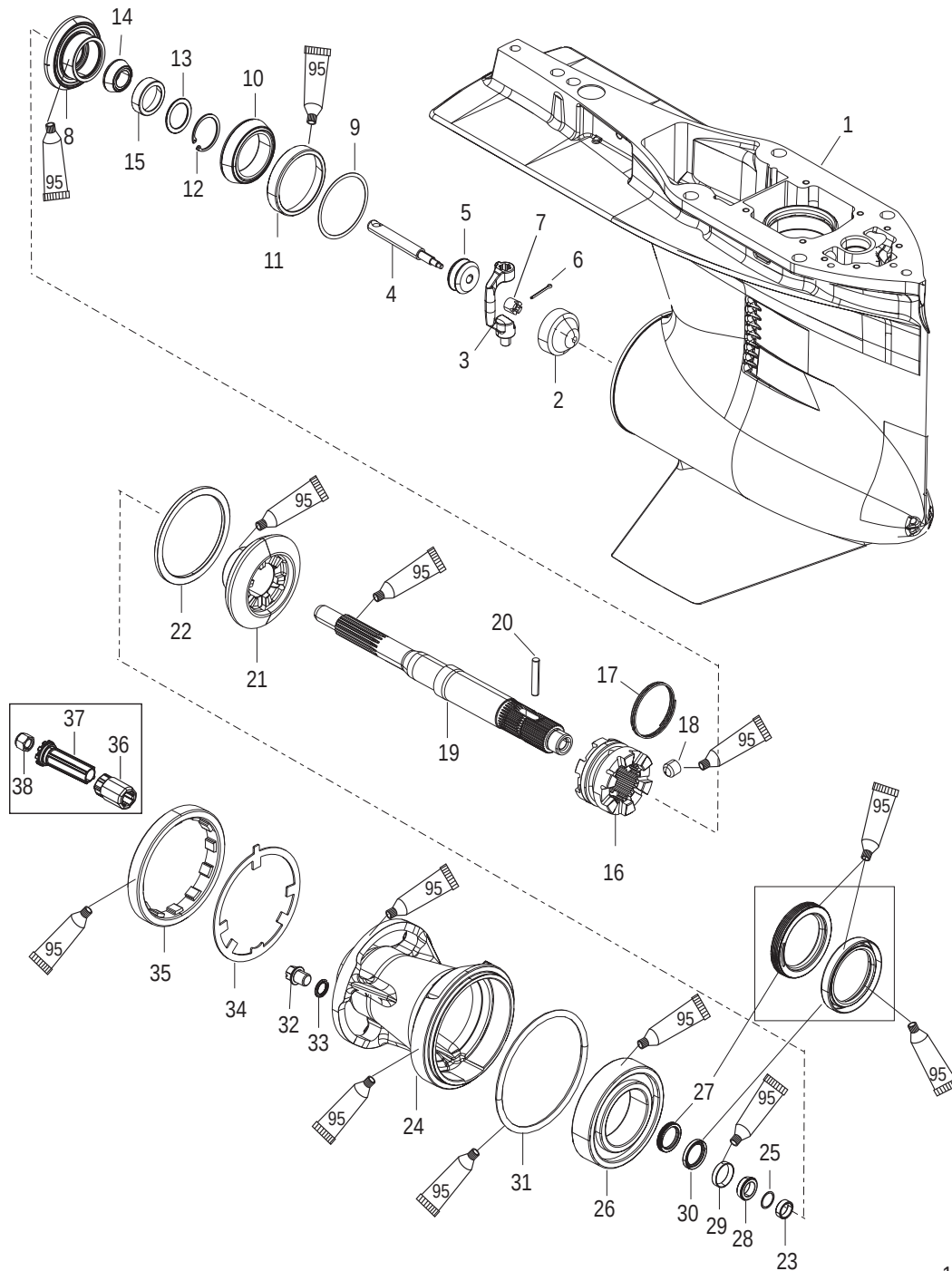
47919



## **Gear Housing (Driveshaft)(Standard/Counter Rotation)**

- [3] - Alternate part numbers:
  - 76214 5Service Part
  - 76214A 6Magnesium
  - 76214Q 5QS
  - 76214T 5MPP
  - 8M0059339Bulk Pack
- [4] - COMPONENT OF GEAR HOUSING SEAL KIT830749A01  
COMPONENT OF WATER PUMP REPAIR KIT817275A08
- [5] - COMPONENT OF WATER PUMP REPAIR KIT817275A08
- [6] - Alternate part numbers:
  - 43026Q02QS
  - 43026T 2Service Part
  - COMPONENT OF WATER PUMP REPAIR KIT817275A08
  - IMPELLER REPAIR KIT 43026Q06
- [7] - COMPONENT OF WATER PUMP REPAIR KIT817275A08  
IMPELLER REPAIR KIT 43026Q06
- [8] - COMPONENT OF GEAR HOUSING SEAL KIT830749A01  
COMPONENT OF WATER PUMP REPAIR KIT817275A08  
IMPELLER REPAIR KIT 43026Q06
- [9] - Alternate part numbers:
  - 43026K06MPP
  - 43026Q06QS
  - 43026T11Service Part

# Gear Housing Propeller Shaft-Std Rotation 2B026816 & below



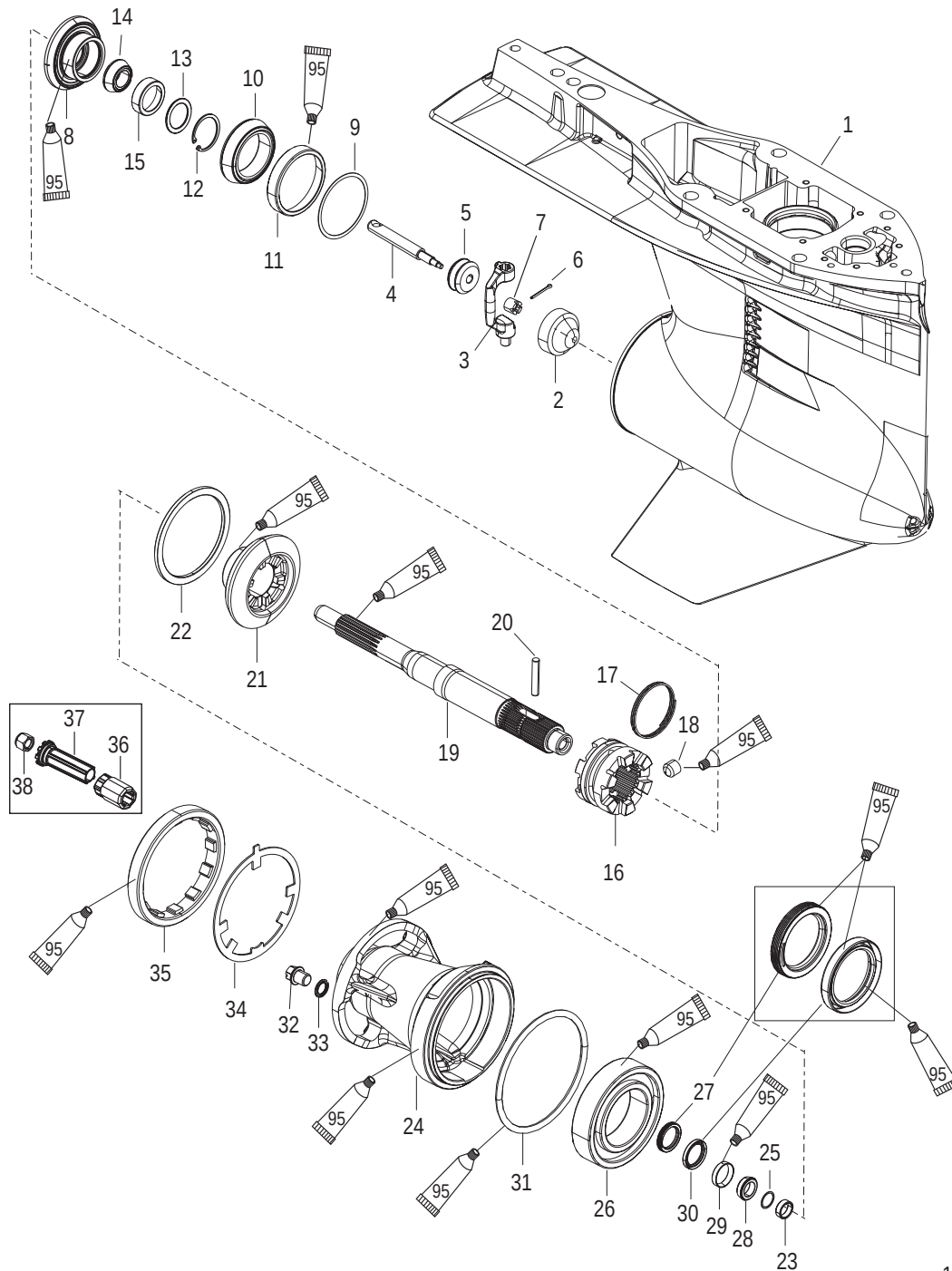
10177

## Gear Housing Propeller Shaft-Std Rotation 2B026816 &amp; below

| Ref # | Part Class | Part Number | Description                                                 | Comments           | Qty | Note |
|-------|------------|-------------|-------------------------------------------------------------|--------------------|-----|------|
| -     | 1600       | 880686T23   | GEAR HOUSING ASSEMBLY Complete                              | (Long)             | 1   |      |
| -     | 1600       | 880686T24   | GEAR HOUSING ASSEMBLY Complete                              | (X-Long)           | 1   |      |
| 1     | 1600       | 880687T01   | GEAR HOUSING ASSEMBLY Basic Used With 5/16 Inch Shift Crank | [1B853027] & Below | 1   |      |
| 1     | 1600       | 8M0056631   | GEAR HOUSING ASSEMBLY Basic Used With 1/4 Inch Shift Crank  | [1B853028] & Up    | 1   |      |
| 2     |            | NSS         | NOT SOLD SEPARATE Plug                                      |                    | 1   |      |
| 3     | 0000       | 896847A01   | CRANK, Shifter 5/16 Pivot Pin                               | [1B853027] & Below | 1   |      |
| 3     | 0000       | 8M0046215   | CRANK, Shifter 1/4 Pivot Pin                                | [1B853028] & Up    |     |      |
| 4     | 0000       | 19755T7     | SPOOL ASSEMBLY                                              |                    | 1   |      |
| 5     |            | NSS         | NOT SOLD SEPARATE Spool                                     |                    | 1   |      |
| 6     | 0018       | 469501      | COTTER PIN                                                  |                    | 1   |      |
| 7     |            | NSS         | NOT SOLD SEPARATE Sleeve Adjusting                          |                    | 1   |      |
| 8     | 0043       | 880709A02   | GEAR ASSEMBLY Forward                                       |                    | 1   |      |
| 9     | 0015       | 884328A01   | SHIM SET                                                    |                    | AR  |      |
| 10    | 0031       | 884323T01   | BEARING ASSEMBLY Roller                                     |                    | 1   |      |
| 11    |            | NSS         | NOT SOLD SEPARATE Cup                                       |                    | 1   |      |
| 12    | 0053       | 23721       | RING Retaining                                              |                    | 1   |      |
| 13    | 0012       | 892805      | THRUST WASHER                                               |                    | 1   |      |
| 14    | 0031       | 884325T01   | BEARING ASSEMBLY Roller-Tapered                             |                    | 1   |      |
| 15    |            | NSS         | NOT SOLD SEPARATE Cup                                       |                    | 1   |      |
| 16    | 0052       | 880714T     | CLUTCH                                                      |                    | 1   |      |
| 17    | 0024       | 30893       | SPRING                                                      |                    | 1   |      |
| 18    | 0017       | 828356      | PIN Detent                                                  |                    | 1   |      |
| 19    | 0044       | 888530      | PROPELLER SHAFT                                             |                    | 1   |      |
| 20    | 0017       | 30632       | PIN Cross                                                   |                    | 1   |      |
| 21    | 0043       | 880710A02   | GEAR ASSEMBLY Reverse                                       |                    | 1   |      |
| 22    | 0000       | 880699      | THRUST RING                                                 |                    | 1   |      |
| 23    | 0023       | 891919001   | SPACER Thrust                                               |                    | 1   |      |
| 24    | 0000       | 880696A08   | CARRIER ASSEMBLY Bearing                                    |                    | 1   |      |
| 25    | 0015       | 891936A01   | SHIM SET                                                    |                    | AR  |      |
| 26    | 0030       | 884329T     | BEARING Ball                                                |                    | 1   |      |
| 27    | 0026       | 888483      | SEAL Oil                                                    |                    | 1   | [1]  |
| 28    | 0031       | 884330T01   | BEARING ASSEMBLY Tapered                                    |                    | 1   |      |
| 29    |            | NSS         | NOT SOLD SEPARATE Cup                                       |                    | 1   |      |
| 30    | 0026       | 896600      | SEAL Oil                                                    |                    | 1   | [1]  |
| 31    | 0025       | 896524      | O-RING (3.850 x .210)                                       |                    | 1   | [1]  |
| 32    | 0010       | 880717A01   | SCREW/SEAL KIT                                              |                    | 1   |      |
| 33    | 0026       | 830749      | SEAL                                                        |                    | 1   | [1]  |
| 34    | 0014       | 880697      | KEYED WASHER                                                |                    | 1   |      |
| 35    | 0000       | 79448       | RETAINER                                                    |                    | 1   |      |
| 36    | 0000       | 896233A01   | DRIVE SLEEVE ASSEMBLY                                       |                    | 1   |      |

Gear Housing Propeller Shaft-Std Rotation 2B026816 &amp; below

# Gear Housing Propeller Shaft-Std Rotation 2B026816 & below



10177

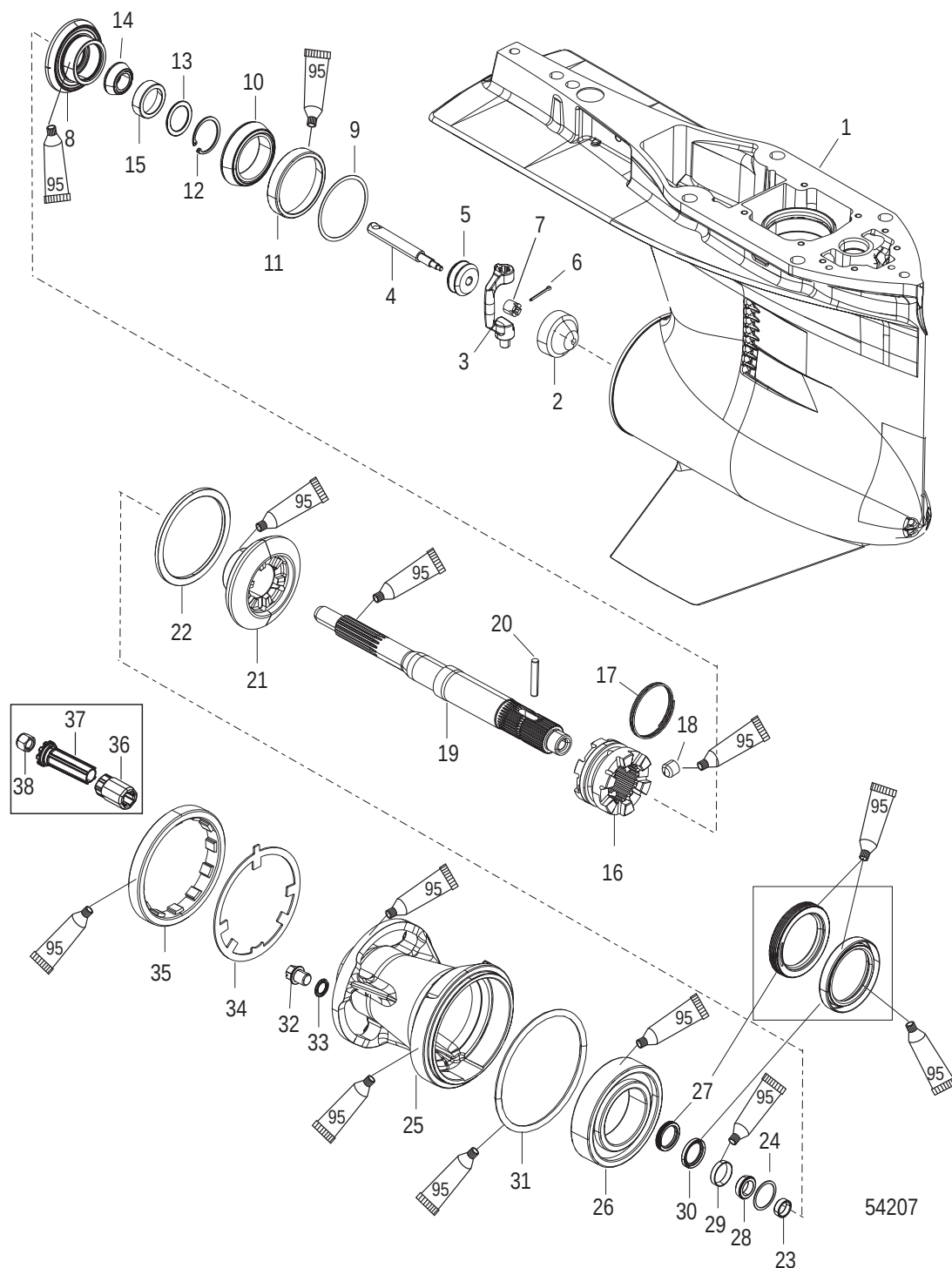
**Gear Housing Propeller Shaft-Std Rotation 2B026816 & below**

| Ref # | Part Class | Part Number | Description            | Comments              | Qty | Note |
|-------|------------|-------------|------------------------|-----------------------|-----|------|
| 37    | 0000       | 878584Q1    | ADAPTER                |                       | 1   |      |
| 38    | 0011       | 52707T1     | PROP NUT KIT (.750-16) | (Merucry Branded)     | 1   | [2]  |
| 38    | 0011       | 52707Q1     | PROP NUT KIT (.750-16) | (Quicksilver Branded) | 1   | [2]  |
| -     | 0026       | 830749A01   | SEAL KIT Gear Housing  |                       | 1   |      |

**PART NOTES:**

- [1] - COMPONENT OF GEAR HOUSING SEAL KIT830749A01
- [2] - Alternate part numbers:
  - 52707A 1Service Part
  - 52707Q 1QS
  - 52707T 1MPP
  - 827614BBulk Pack

# Gear Housing Propeller Shaft-Std Rotation 2B026817 & up

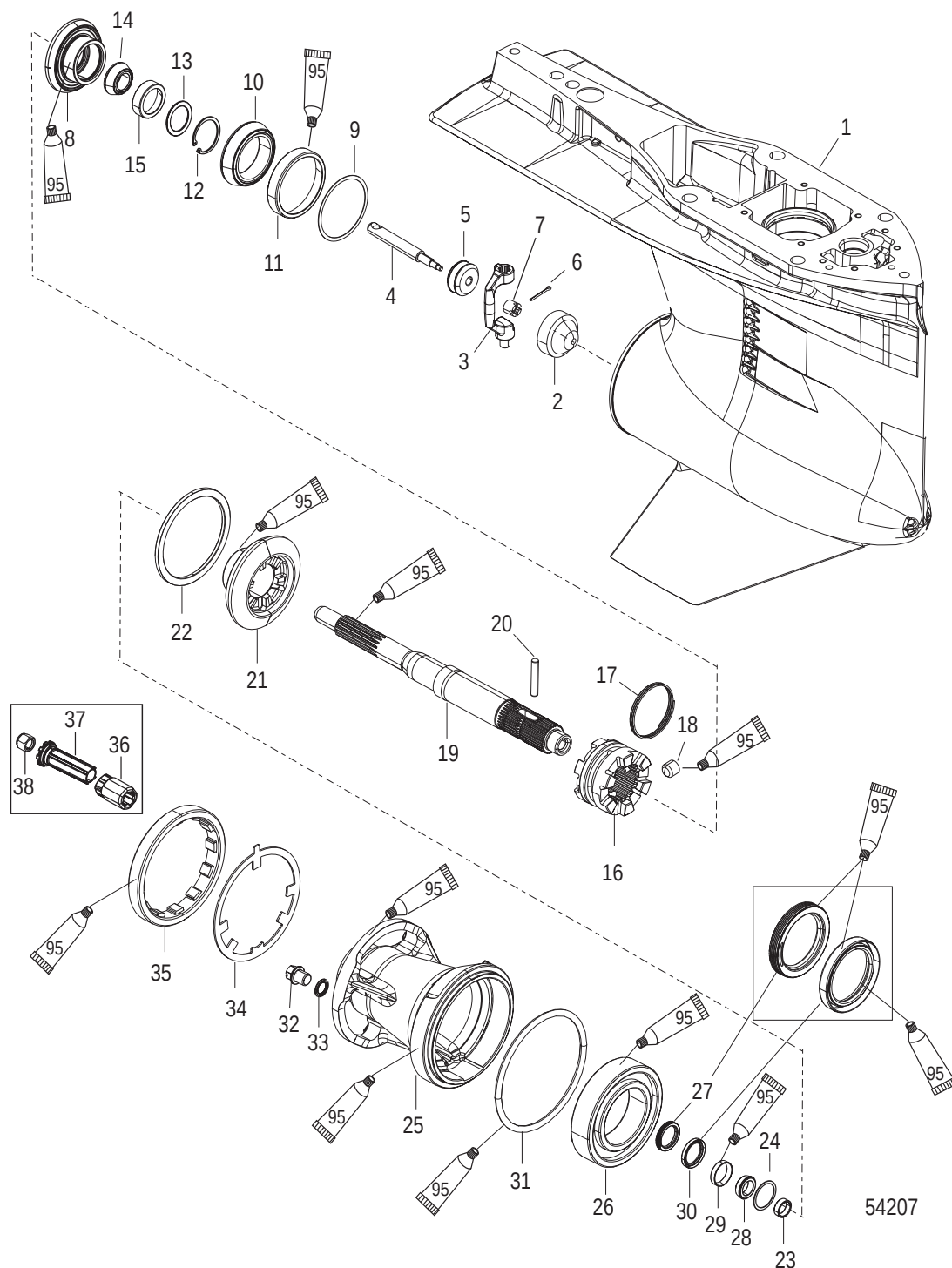


## Gear Housing Propeller Shaft-Std Rotation 2B026817 &amp; up

| Ref # | Part Class | Part Number | Description                                                | Comments        | Qty | Note |
|-------|------------|-------------|------------------------------------------------------------|-----------------|-----|------|
| -     | 1600       | 880686T23   | GEAR HOUSING ASSEMBLY Complete                             | (Long)          | 1   |      |
| -     | 1600       | 880686T24   | GEAR HOUSING ASSEMBLY Complete                             | (X-Long)        | 1   |      |
| 1     | 1600       | 8M0056631   | GEAR HOUSING ASSEMBLY Basic Used With 1/4 Inch Shift Crank | [1B853028] & Up | 1   |      |
| 2     |            | NSS         | NOT SOLD SEPARATE Plug                                     |                 | 1   |      |
| 3     | 0000       | 8M0046215   | CRANK, Shifter 1/4 Pivot Pin                               | [1B853028] & Up |     |      |
| 4     | 0000       | 19755T7     | SPOOL ASSEMBLY                                             |                 | 1   |      |
| 5     |            | NSS         | NOT SOLD SEPARATE Spool                                    |                 | 1   |      |
| 6     | 0018       | 469501      | COTTER PIN                                                 |                 | 1   |      |
| 7     |            | NSS         | NOT SOLD SEPARATE Sleeve Adjusting                         |                 | 1   |      |
| 8     | 0043       | 880709A02   | GEAR ASSEMBLY Forward                                      |                 | 1   |      |
| 9     | 0015       | 884328A01   | SHIM SET                                                   |                 | AR  |      |
| 10    | 0031       | 884323T01   | BEARING ASSEMBLY Roller                                    |                 | 1   |      |
| 11    |            | NSS         | NOT SOLD SEPARATE Cup                                      |                 | 1   |      |
| 12    | 0053       | 23721       | RING Retaining                                             |                 | 1   |      |
| 13    | 0012       | 892805      | THRUST WASHER                                              |                 | 1   |      |
| 14    | 0031       | 884325T01   | BEARING ASSEMBLY Roller-Tapered                            |                 | 1   |      |
| 15    |            | NSS         | NOT SOLD SEPARATE Cup                                      |                 | 1   |      |
| 16    | 0052       | 880714T     | CLUTCH                                                     |                 | 1   |      |
| 17    | 0024       | 30893       | SPRING                                                     |                 | 1   |      |
| 18    | 0017       | 828356      | PIN Detent                                                 |                 | 1   |      |
| 19    | 0044       | 8M0069774   | PROPELLER SHAFT                                            |                 | 1   |      |
| 20    | 0017       | 30632       | PIN Cross                                                  |                 | 1   |      |
| 21    | 0043       | 880710A02   | GEAR ASSEMBLY Reverse                                      |                 | 1   |      |
| 22    | 0000       | 880699      | THRUST RING                                                |                 | 1   |      |
| 23    | 0023       | 8M0064306   | SPACER                                                     |                 | 1   |      |
| 24    | 0015       | 8M0076745   | SHIM SET                                                   |                 | 1   |      |
| 24    | 0012       | 8M0050423   | WASHER .020                                                |                 | A/R |      |
| 24    | 0012       | 8M0050424   | WASHER .022                                                |                 | A/R |      |
| 24    | 0012       | 8M0050425   | WASHER .024                                                |                 | A/R |      |
| 24    | 0012       | 8M0050427   | WASHER .026                                                |                 | A/R |      |
| 24    | 0012       | 8M0050428   | WASHER .028                                                |                 | A/R |      |
| 24    | 0012       | 8M0050429   | WASHER .030                                                |                 | A/R |      |
| 24    | 0012       | 8M0050430   | WASHER .032                                                |                 | A/R |      |
| 24    | 0012       | 8M0050431   | WASHER .034                                                |                 | A/R |      |
| 24    | 0012       | 8M0050432   | WASHER .036                                                |                 | A/R |      |
| 24    | 0012       | 8M0050433   | WASHER .038                                                |                 | A/R |      |
| 24    | 0012       | 8M0050434   | WASHER .040                                                |                 | A/R |      |
| 24    | 0012       | 8M0050435   | WASHER .042                                                |                 | A/R |      |
| 24    | 0012       | 8M0050436   | WASHER .044                                                |                 | A/R |      |
| 24    | 0012       | 8M0050437   | WASHER .046                                                |                 | A/R |      |
| 24    | 0012       | 8M0050438   | WASHER .048                                                |                 | A/R |      |

Gear Housing Propeller Shaft-Std Rotation 2B026817 &amp; up

# Gear Housing Propeller Shaft-Std Rotation 2B026817 & up





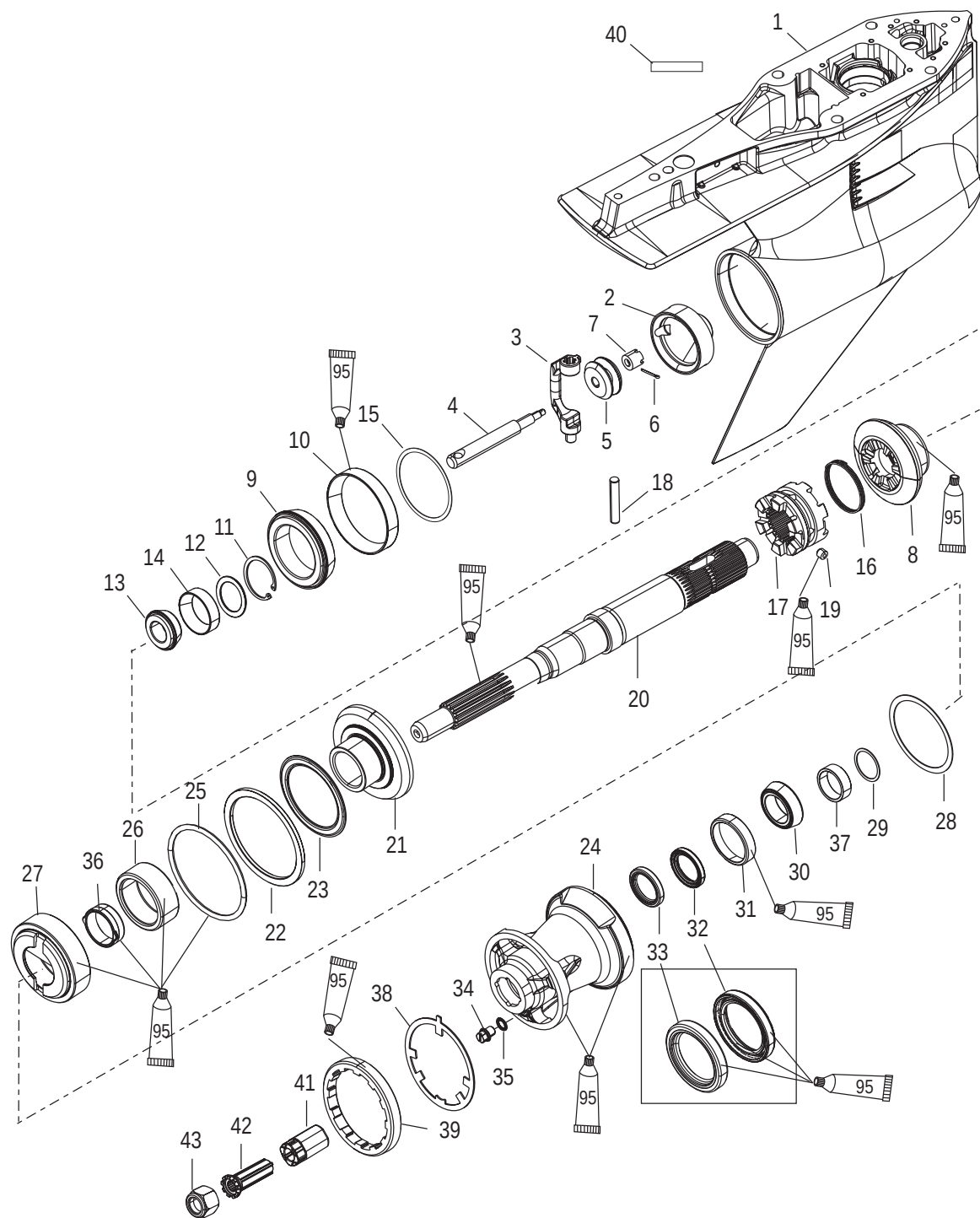
## Gear Housing Propeller Shaft-Std Rotation 2B026817 &amp; up

| Ref # | Part Class | Part Number | Description              | Comments              | Qty | Note |
|-------|------------|-------------|--------------------------|-----------------------|-----|------|
| 24    | 0012       | 8M0050439   | WASHER .050              |                       | A/R |      |
| 25    | 0000       | 8M0083392   | CARRIER ASSEMBLY Bearing |                       | 1   |      |
| 26    | 0030       | 884329T     | BEARING Ball             |                       | 1   |      |
| 27    | 0026       | 888483      | SEAL Oil                 |                       | 1   | [1]  |
| 28    | 0031       | 884330T01   | BEARING ASSEMBLY Tapered |                       | 1   |      |
| 29    |            | NSS         | NOT SOLD SEPARATE Cup    |                       | 1   |      |
| 30    | 0026       | 896600      | SEAL Oil                 |                       | 1   | [1]  |
| 31    | 0025       | 896524      | O-RING (3.850 x .210)    |                       | 1   | [1]  |
| 32    | 0010       | 880717A01   | SCREW/SEAL KIT           |                       | 1   |      |
| 33    | 0026       | 830749      | SEAL                     |                       | 1   | [1]  |
| 34    | 0014       | 880697      | KEYED WASHER             |                       | 1   |      |
| 35    | 0000       | 79448       | RETAINER                 |                       | 1   |      |
| 36    | 0000       | 896233A01   | DRIVE SLEEVE ASSEMBLY    |                       | 1   |      |
| 37    | 0000       | 878584Q1    | ADAPTER                  |                       | 1   |      |
| 38    | 0011       | 52707T1     | PROP NUT KIT (.750-16)   | (Merucry Branded)     | 1   | [2]  |
| 38    | 0011       | 52707Q1     | PROP NUT KIT (.750-16)   | (Quicksilver Branded) | 1   | [2]  |
| -     | 0026       | 830749A01   | SEAL KIT Gear Housing    |                       | 1   |      |

## PART NOTES:

- [1] - COMPONENT OF GEAR HOUSING SEAL KIT830749A01
- [2] - Alternate part numbers:
  - 52707A 1Service Part
  - 52707Q 1QS
  - 52707T 1MPP
  - 827614BBulk Pack

# Gear Housing Prop Shaft-Counter Rotation 2B026816 & below



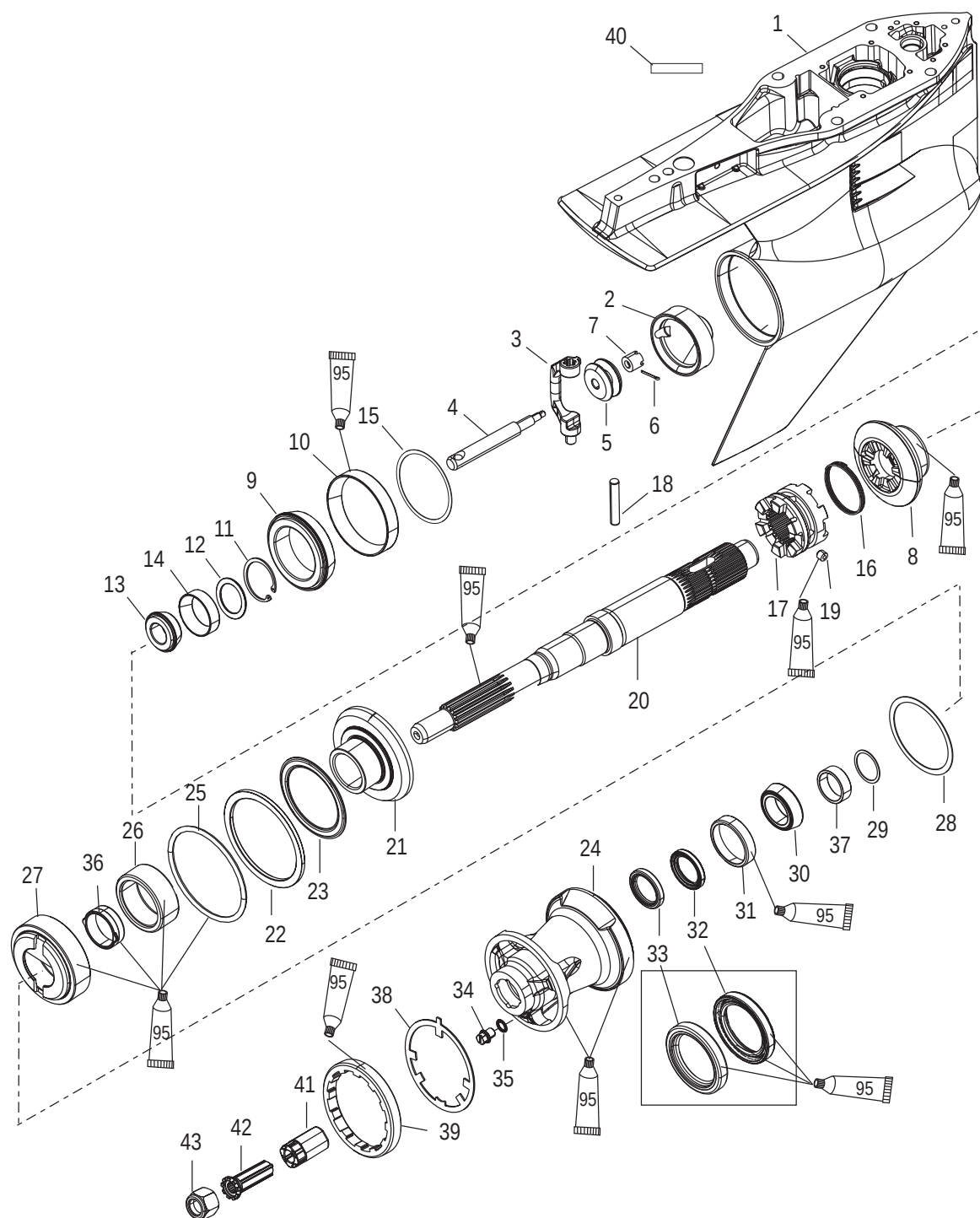
10178

## Gear Housing Prop Shaft-Counter Rotation 2B026816 &amp; below

| Ref # | Part Class | Part Number | Description                                                 | Comments           | Qty | Note |
|-------|------------|-------------|-------------------------------------------------------------|--------------------|-----|------|
| -     | 1600       | 880686T28   | GEAR HOUSING ASSEMBLY Complete                              | (Long)             | 1   |      |
| -     | 1600       | 880686T25   | GEAR HOUSING ASSEMBLY Complete                              | (X-Long)           | 1   |      |
| 1     | 1600       | 880687T01   | GEAR HOUSING ASSEMBLY Basic Used With 5/16 Inch Shift Crank | [1B853027] & Below | 1   |      |
| 1     | 1600       | 8M0056631   | GEAR HOUSING ASSEMBLY Basic Used With 1/4 Inch Shift Crank  | [1B853028] & Up    | 1   |      |
| 2     |            | NSS         | NOT SOLD SEPARATE Plug                                      |                    | 1   |      |
| 3     | 0000       | 896847A01   | CRANK, Shifter 5/16 Pivot Pin                               | [1B853027] & Below | 1   |      |
| 3     | 0000       | 8M0046215   | CRANK, Shifter 1/4 Pivot Pin                                | [1B853028] & Up    | 1   |      |
| 4     | 0000       | 19755T7     | SPOOL ASSEMBLY                                              |                    | 1   |      |
| 5     |            | NSS         | NOT SOLD SEPARATE Spool                                     |                    | 1   |      |
| 6     | 0018       | 469501      | COTTER PIN                                                  |                    | 1   |      |
| 7     |            | NSS         | NOT SOLD SEPARATE Sleeve Adjusting                          |                    | 1   |      |
| 8     | 0043       | 884337A02   | GEAR ASSEMBLY Reverse                                       |                    | 1   |      |
| 9     | 0031       | 884323T01   | BEARING ASSEMBLY Roller                                     |                    | 1   |      |
| 10    |            | NSS         | NOT SOLD SEPARATE Cup                                       |                    | 1   |      |
| 11    | 0053       | 23721       | RING Retaining                                              |                    | 1   |      |
| 12    | 0012       | 892805      | THRUST WASHER                                               |                    | 1   |      |
| 13    | 0031       | 884325T01   | BEARING ASSEMBLY Roller-Tapered                             |                    | 1   |      |
| 14    |            | NSS         | NOT SOLD SEPARATE Cup                                       |                    | 1   |      |
| 15    | 0015       | 884328A01   | SHIM SET                                                    |                    | AR  |      |
| 16    | 0024       | 30893       | SPRING                                                      |                    | 1   |      |
| 17    | 0052       | 880714T     | CLUTCH                                                      |                    | 1   |      |
| 18    | 0017       | 30632       | PIN Cross                                                   |                    | 1   |      |
| 19    | 0017       | 828356      | PIN Detent                                                  |                    | 1   |      |
| 20    | 0044       | 888530      | PROPELLER SHAFT                                             |                    | 1   |      |
| 21    | 0043       | 884335A01   | GEAR ASSEMBLY Forward                                       |                    | 1   |      |
| 22    | 0000       | 880699      | THRUST RING                                                 |                    | 1   |      |
| 23    | 0031       | 815480      | BEARING Thrust                                              |                    | 1   |      |
| 24    | 0000       | 880696A10   | CARRIER ASSEMBLY Bearing                                    |                    | 1   |      |
| 25    | 0025       | 896524      | O-RING (3.850 x .210)                                       |                    | 1   | [1]  |
| 26    | 0031       | 814653T     | BEARING ASSEMBLY Needle Rollers                             |                    | 1   |      |
| 27    | 0000       | 880728      | ADAPTER Bearing                                             |                    | 1   |      |
| 28    | 0015       | 47397A1     | SHIM SET                                                    |                    | AR  |      |
| 29    | 0015       | 891936A01   | SHIM SET                                                    |                    | AR  |      |
| 30    | 0031       | 884330T01   | BEARING ASSEMBLY Tapered                                    |                    | 1   |      |
| 31    |            | NSS         | NOT SOLD SEPARATE Cup                                       |                    | 1   |      |
| 32    | 0026       | 896600      | SEAL Oil                                                    |                    | 1   | [1]  |
| 33    | 0026       | 888483      | SEAL Oil                                                    |                    | 1   | [1]  |
| 34    | 0010       | 880717A01   | SCREW/SEAL KIT                                              |                    | 1   |      |
| 35    | 0026       | 830749      | SEAL                                                        |                    | 1   | [1]  |
| 36    | 0000       | 892818      | ADAPTER                                                     |                    | 1   |      |

Gear Housing Prop Shaft-Counter Rotation 2B026816 &amp; below

# Gear Housing Prop Shaft-Counter Rotation 2B026816 & below



10178

Gear Housing Prop Shaft-Counter Rotation 2B026816 & below

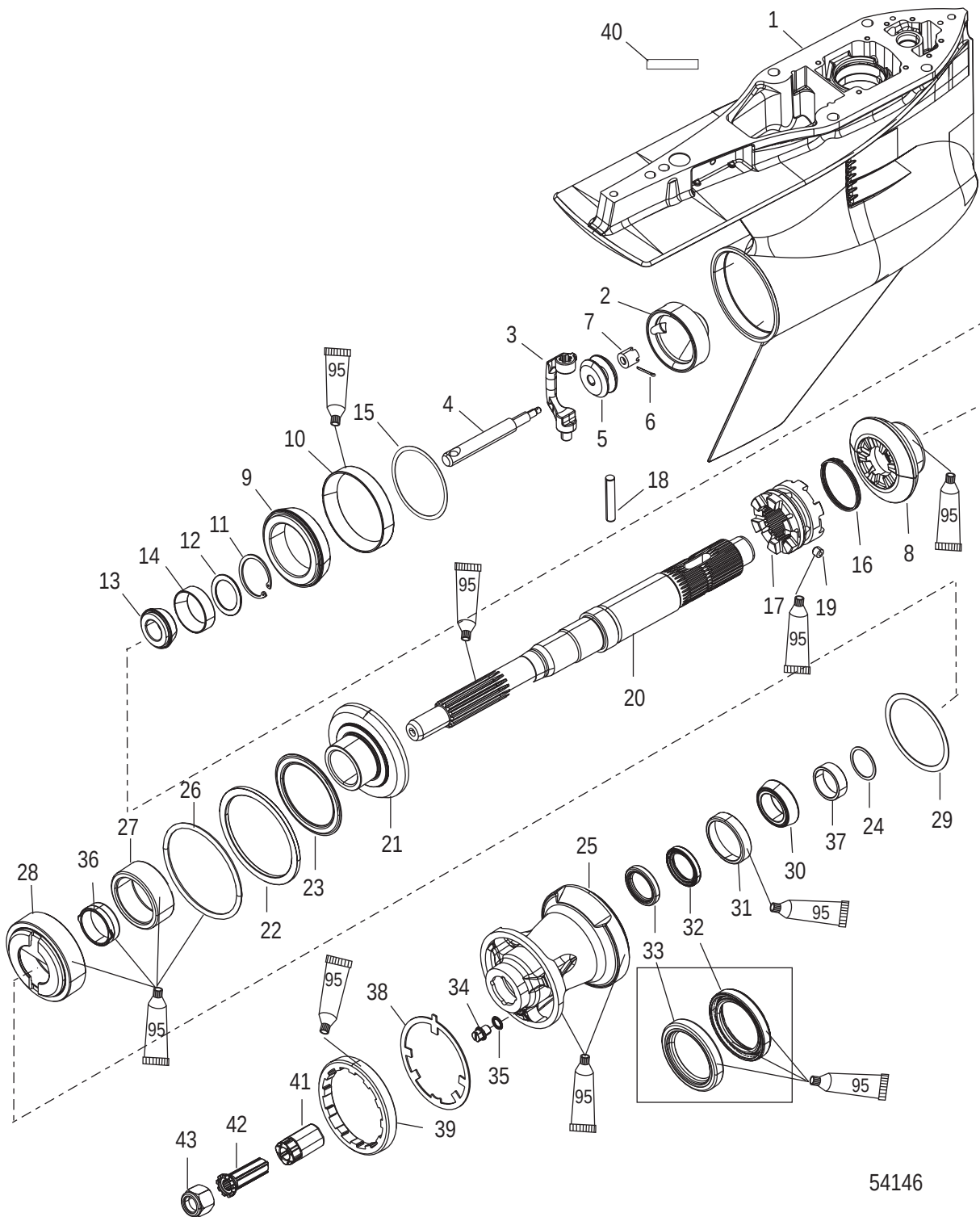
## Gear Housing Prop Shaft-Counter Rotation 2B026816 &amp; below

| Ref # | Part Class | Part Number | Description                              | Comments              | Qty | Note |
|-------|------------|-------------|------------------------------------------|-----------------------|-----|------|
| 37    | 0023       | 891919001   | SPACER Thrust                            |                       | 1   |      |
| 38    | 0014       | 880697      | KEYED WASHER                             |                       | 1   |      |
| 39    | 0000       | 79448       | RETAINER                                 |                       | 1   |      |
| 40    |            | NSS         | NOT SOLD SEPARATE Decal-Counter Rotation |                       | 1   |      |
| 41    | 0000       | 896233A01   | DRIVE SLEEVE ASSEMBLY                    |                       | 1   |      |
| 42    | 0000       | 878584Q1    | ADAPTER                                  |                       | 1   |      |
| 43    | 0011       | 52707T1     | PROP NUT KIT (.750-16)                   | (Mercury Branded)     | 1   | [2]  |
| 43    | 0011       | 52707Q1     | PROP NUT KIT (.750-16)                   | (Quicksilver Branded) | 1   | [2]  |
| -     | 0026       | 830749A01   | SEAL KIT Gear Housing                    |                       | 1   |      |

**PART NOTES:**

- [1] - COMPONENT OF GEAR HOUSING SEAL KIT830749A01
- [2] - Alternate part numbers:
- 52707A 1Service Part
- 52707Q 1QS
- 52707T 1MPP
- 827614BBulk Pack

# Gear Housing Prop Shaft-Counter Rotation 2B026817 & up



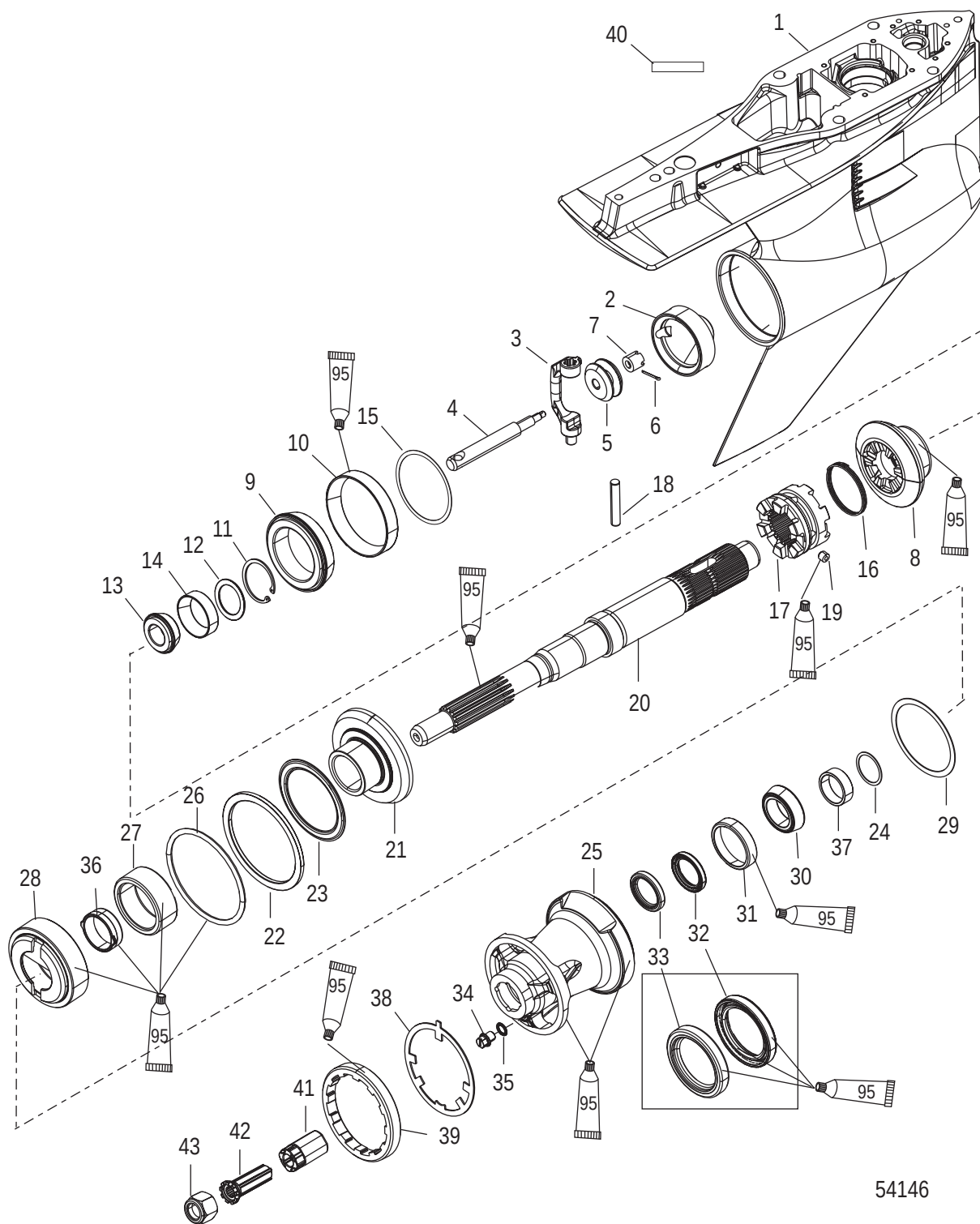
Gear Housing Prop Shaft-Counter Rotation 2B026817 & up

## Gear Housing Prop Shaft-Counter Rotation 2B026817 &amp; up

| Ref # | Part Class | Part Number | Description                                                | Comments        | Qty | Note |
|-------|------------|-------------|------------------------------------------------------------|-----------------|-----|------|
| -     | 1600       | 880686T28   | GEAR HOUSING ASSEMBLY Complete                             | (Long)          | 1   |      |
| -     | 1600       | 880686T25   | GEAR HOUSING ASSEMBLY Complete                             | (X-Long)        | 1   |      |
| 1     | 1600       | 8M0056631   | GEAR HOUSING ASSEMBLY Basic Used With 1/4 Inch Shift Crank | [1B853028] & Up | 1   |      |
| 2     |            | NSS         | NOT SOLD SEPARATE Plug                                     |                 | 1   |      |
| 3     | 0000       | 8M0046215   | CRANK, Shifter 1/4 Pivot Pin                               | [1B853028] & Up | 1   |      |
| 4     | 0000       | 19755T7     | SPOOL ASSEMBLY                                             |                 | 1   |      |
| 5     |            | NSS         | NOT SOLD SEPARATE Spool                                    |                 | 1   |      |
| 6     | 0018       | 469501      | COTTER PIN                                                 |                 | 1   |      |
| 7     |            | NSS         | NOT SOLD SEPARATE Sleeve Adjusting                         |                 | 1   |      |
| 8     | 0043       | 884337A02   | GEAR ASSEMBLY Reverse                                      |                 | 1   |      |
| 9     | 0031       | 884323T01   | BEARING ASSEMBLY Roller                                    |                 | 1   |      |
| 10    |            | NSS         | NOT SOLD SEPARATE Cup                                      |                 | 1   |      |
| 11    | 0053       | 23721       | RING Retaining                                             |                 | 1   |      |
| 12    | 0012       | 892805      | THRUST WASHER                                              |                 | 1   |      |
| 13    | 0031       | 884325T01   | BEARING ASSEMBLY Roller-Tapered                            |                 | 1   |      |
| 14    |            | NSS         | NOT SOLD SEPARATE Cup                                      |                 | 1   |      |
| 15    | 0015       | 884328A01   | SHIM SET                                                   |                 | AR  |      |
| 16    | 0024       | 30893       | SPRING                                                     |                 | 1   |      |
| 17    | 0052       | 880714T     | CLUTCH                                                     |                 | 1   |      |
| 18    | 0017       | 30632       | PIN Cross                                                  |                 | 1   |      |
| 19    | 0017       | 828356      | PIN Detent                                                 |                 | 1   |      |
| 20    | 0044       | 8M0069774   | PROPELLER SHAFT                                            |                 | 1   |      |
| 21    | 0043       | 884335A01   | GEAR ASSEMBLY Forward                                      |                 | 1   |      |
| 22    | 0000       | 880699      | THRUST RING                                                |                 | 1   |      |
| 23    | 0031       | 815480      | BEARING Thrust                                             |                 | 1   |      |
| 24    | 0015       | 8M0076745   | SHIM SET                                                   |                 | 1   |      |
| 24    | 0012       | 8M0050423   | WASHER .020                                                |                 | AR  |      |
| 24    | 0012       | 8M0050424   | WASHER .022                                                |                 | AR  |      |
| 24    | 0012       | 8M0050425   | WASHER .024                                                |                 | AR  |      |
| 24    | 0012       | 8M0050427   | WASHER .026                                                |                 | AR  |      |
| 24    | 0012       | 8M0050428   | WASHER .028                                                |                 | AR  |      |
| 24    | 0012       | 8M0050429   | WASHER .030                                                |                 | AR  |      |
| 24    | 0012       | 8M0050430   | WASHER .032                                                |                 | AR  |      |
| 24    | 0012       | 8M0050431   | WASHER .034                                                |                 | AR  |      |
| 24    | 0012       | 8M0050432   | WASHER .036                                                |                 | AR  |      |
| 24    | 0012       | 8M0050433   | WASHER .038                                                |                 | AR  |      |
| 24    | 0012       | 8M0050434   | WASHER .040                                                |                 | AR  |      |
| 24    | 0012       | 8M0050435   | WASHER .042                                                |                 | AR  |      |
| 24    | 0012       | 8M0050436   | WASHER .044                                                |                 | AR  |      |
| 24    | 0012       | 8M0050437   | WASHER .046                                                |                 | AR  |      |
| 24    | 0012       | 8M0050438   | WASHER .048                                                |                 | AR  |      |
| 24    | 0012       | 8M0050439   | WASHER .050                                                |                 | AR  |      |

Gear Housing Prop Shaft-Counter Rotation 2B026817 &amp; up

# Gear Housing Prop Shaft-Counter Rotation 2B026817 & up



Gear Housing Prop Shaft-Counter Rotation 2B026817 & up



## Gear Housing Prop Shaft-Counter Rotation 2B026817 &amp; up

| Ref # | Part Class | Part Number | Description                                  | Comments              | Qty | Note |
|-------|------------|-------------|----------------------------------------------|-----------------------|-----|------|
| 25    | 0000       | 8M0086846   | CARRIER ASSEMBLY Bearing                     |                       | 1   |      |
| 26    | 0025       | 896524      | O-RING (3.850 x .210)                        |                       | 1   | [1]  |
| 27    | 0031       | 814653T     | BEARING ASSEMBLY Needle<br>Rollers           |                       | 1   |      |
| 28    | 0000       | 880728      | ADAPTER Bearing                              |                       | 1   |      |
| 29    | 0015       | 47397A1     | SHIM SET                                     |                       | AR  |      |
| 30    | 0031       | 884330T01   | BEARING ASSEMBLY Tapered                     |                       | 1   |      |
| 31    |            | NSS         | NOT SOLD SEPARATE Cup                        |                       | 1   |      |
| 32    | 0026       | 896600      | SEAL Oil                                     |                       | 1   | [1]  |
| 33    | 0026       | 888483      | SEAL Oil                                     |                       | 1   | [1]  |
| 34    | 0010       | 880717A01   | SCREW/SEAL KIT                               |                       | 1   |      |
| 35    | 0026       | 830749      | SEAL                                         |                       | 1   | [1]  |
| 36    | 0000       | 892818      | ADAPTER                                      |                       | 1   |      |
| 37    | 0023       | 8M0064306   | SPACER                                       |                       | 1   |      |
| 38    | 0014       | 880697      | KEYED WASHER                                 |                       | 1   |      |
| 39    | 0000       | 79448       | RETAINER                                     |                       | 1   |      |
| 40    |            | NSS         | NOT SOLD SEPARATE Decal-<br>Counter Rotation |                       | 1   |      |
| 41    | 0000       | 896233A01   | DRIVE SLEEVE ASSEMBLY                        |                       | 1   |      |
| 42    | 0000       | 878584Q1    | ADAPTER                                      |                       | 1   |      |
| 43    | 0011       | 52707T1     | PROP NUT KIT (.750-16)                       | (Mercury Branded)     | 1   | [2]  |
| 43    | 0011       | 52707Q1     | PROP NUT KIT (.750-16)                       | (Quicksilver Branded) | 1   | [2]  |
| -     | 0026       | 830749A01   | SEAL KIT Gear Housing                        |                       | 1   |      |

## PART NOTES:

- [1] - COMPONENT OF GEAR HOUSING SEAL KIT 830749A01  
 [2] - Alternate part numbers:

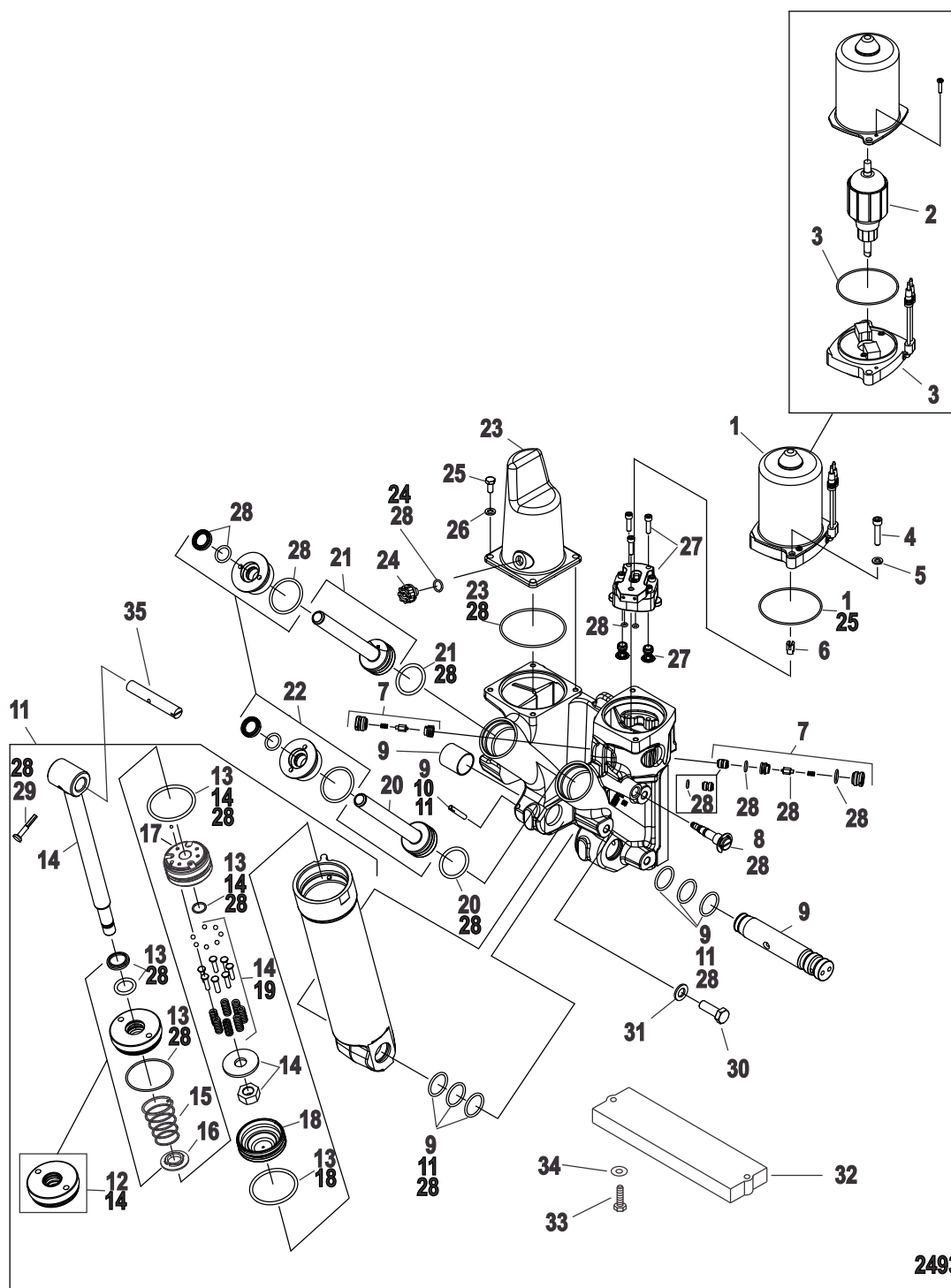
52707A 1Service Part

52707Q 1QS

52707T 1MPP

827614B Bulk Pack

## Power Trim Components Metal Motor Housing

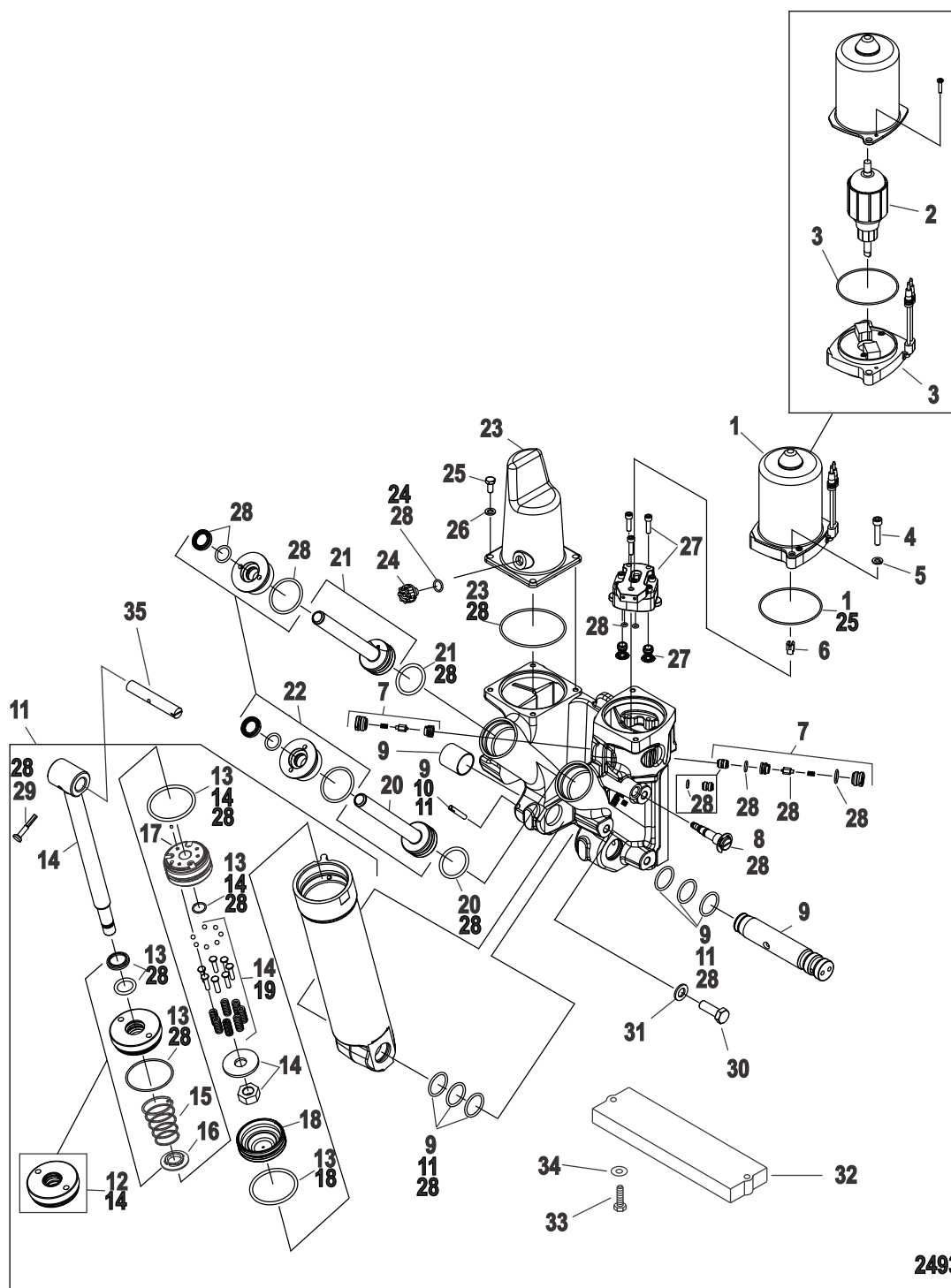


24939

## Power Trim Components Metal Motor Housing

| Ref # | Part Class | Part Number | Description                                         | Comments            | Qty | Note |
|-------|------------|-------------|-----------------------------------------------------|---------------------|-----|------|
| -     | 0000       | 855998A08   | POWER TRIM KIT                                      | Metal Motor Housing | 1   |      |
| 1     | 0000       | 8M0031551   | TRIM MOTOR                                          |                     | 1   |      |
| 2     |            | NSS         | NOT SOLD SEPARATE<br>Armature                       |                     | 1   |      |
| 3     |            | NSS         | NOT SOLD SEPARATE End<br>Frame                      |                     | 1   |      |
| -     | 0025       | 878285      | O-RING                                              |                     | 1   |      |
| 4     | 0010       | 82494830    | SCREW (M6 x 30)                                     |                     | 2   |      |
| 5     | 0013       | 400256      | LOCKWASHER (M6)                                     |                     | 2   |      |
| 6     | 0000       | 8782451     | DRIVESHAFT                                          |                     | 1   |      |
| 7     | 0000       | 878410A1    | PO CHECK KIT                                        |                     | 1   |      |
| 8     | 0000       | 813442A2    | MANUAL RELEASE ASSEMBLY<br>(Includes Reference #26) |                     | 1   |      |
| 9     | 0000       | 878241A02   | SHAFT KIT                                           |                     | 1   |      |
| 10    | 0017       | 878267      | PIN                                                 |                     | 1   |      |
| 11    | 0000       | 898479A02   | CYLINDER ASSEMBLY Tilt                              |                     | 1   |      |
| 12    | 0000       | 878239A1    | GUIDE KIT (Includes Reference<br>#26)               |                     | 1   |      |
| 13    | 0000       | 878409A1    | O-RING KIT (Includes Reference<br>#26)              |                     | 1   |      |
| 14    |            | NSS         | NOT SOLD SEPARATE Shock<br>Rod Kit                  |                     | 1   |      |
| 15    |            | NSS         | NOT SOLD SEPARATE Spring-<br>Damper                 |                     | 1   |      |
| 16    |            | NSS         | NOT SOLD SEPARATE Plate-<br>Damper                  |                     | 1   |      |
| 17    |            | NSS         | NOT SOLD SEPARATE Shock<br>Piston                   |                     | 1   |      |
| 18    | 0000       | 878242A1    | PISTON ASSEMBLY Memory                              |                     | 1   |      |
| 19    | 0000       | 878406A1    | REPAIR KIT Check Valve<br>(Includes Reference #26)  |                     | 1   |      |
| 20    | 0000       | 878414A1    | PISTON ASSEMBLY (Starboard)                         |                     | 1   |      |
| 21    | 0000       | 878413A1    | PISTON ASSEMBLY (Port)                              |                     | 1   |      |
| 22    | 0000       | 878243A1    | GUIDE ASSEMBLY                                      |                     | 2   |      |
| 23    | 0000       | 878264A1    | RESERVOIR KIT                                       |                     | 1   |      |
| 24    | 0019       | 811613      | PLUG ASSEMBLY                                       |                     | 1   |      |
| 25    | 0010       | 4000327     | SCREW (M6 x 14)                                     |                     | 4   |      |
| 26    | 0012       | 43450       | WASHER                                              |                     | 4   |      |
| 27    | 0000       | 892251A01   | PUMP KIT                                            |                     | 1   |      |
| 28    | 0000       | 878408A1    | REPAIR KIT Power Trim                               |                     | 1   |      |
| 29    | 0017       | 821539      | PIN Trilobe                                         |                     | 1   |      |
| 30    | 0010       | 858771      | SCREW (M10 x 30)                                    |                     | 6   |      |
| 31    | 0012       | 4002319     | WASHER                                              |                     | 6   |      |
| 32    | 0097       | 818298Q1    | ANODE KIT                                           |                     | 1   | [1]  |
| 33    | 0010       | 4000330     | SCREW (M6 x 25)                                     |                     | 2   |      |
| 34    | 0012       | 29245       | WASHER (.281 x .500 x .060)<br>Stainless Steel      |                     | 2   |      |
| 35    | 0000       | 99625003    | SHAFT Upper Tilt                                    |                     | 1   |      |

## Power Trim Components Metal Motor Housing



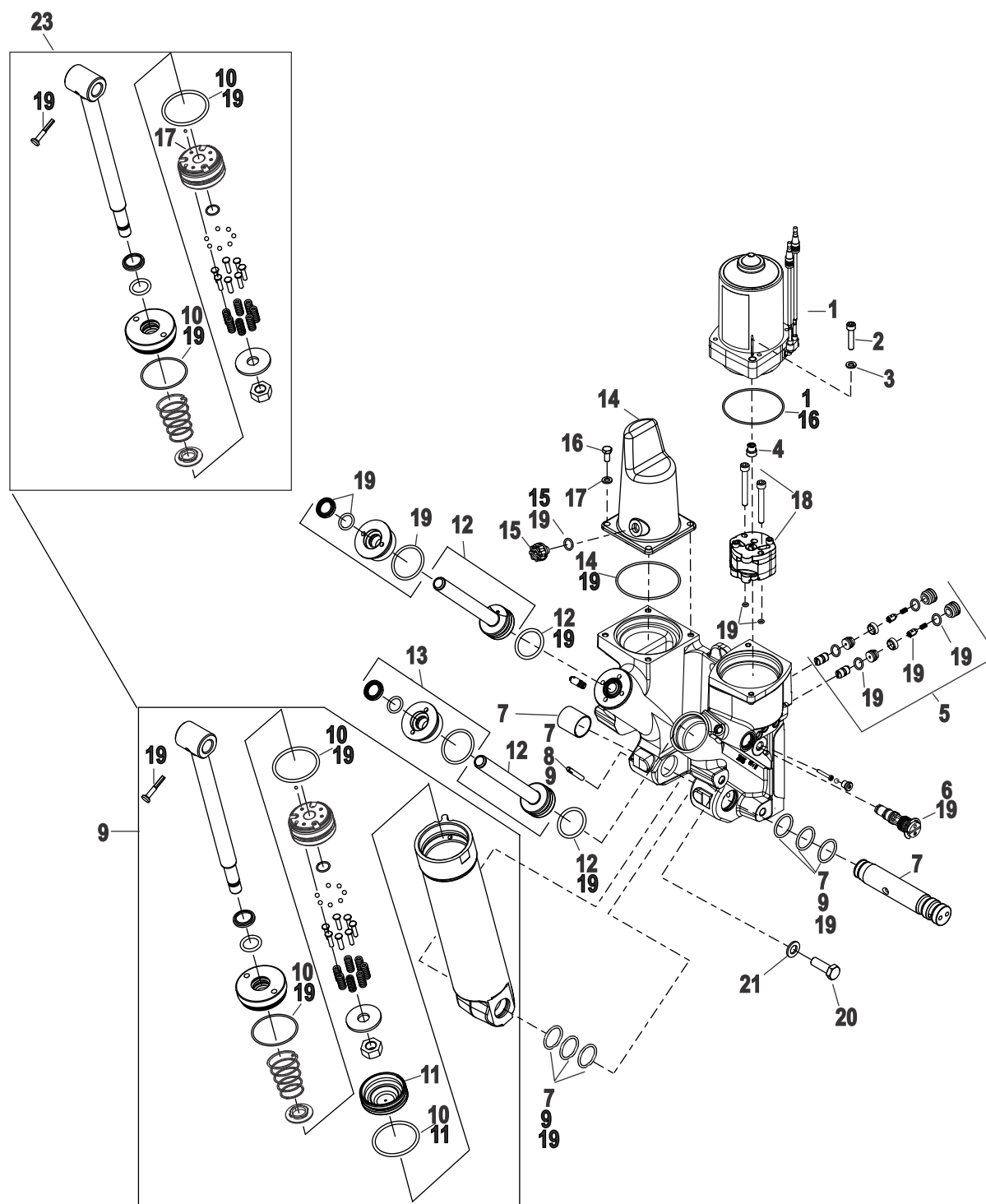
24939

## Power Trim Components Metal Motor Housing

**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   |      |

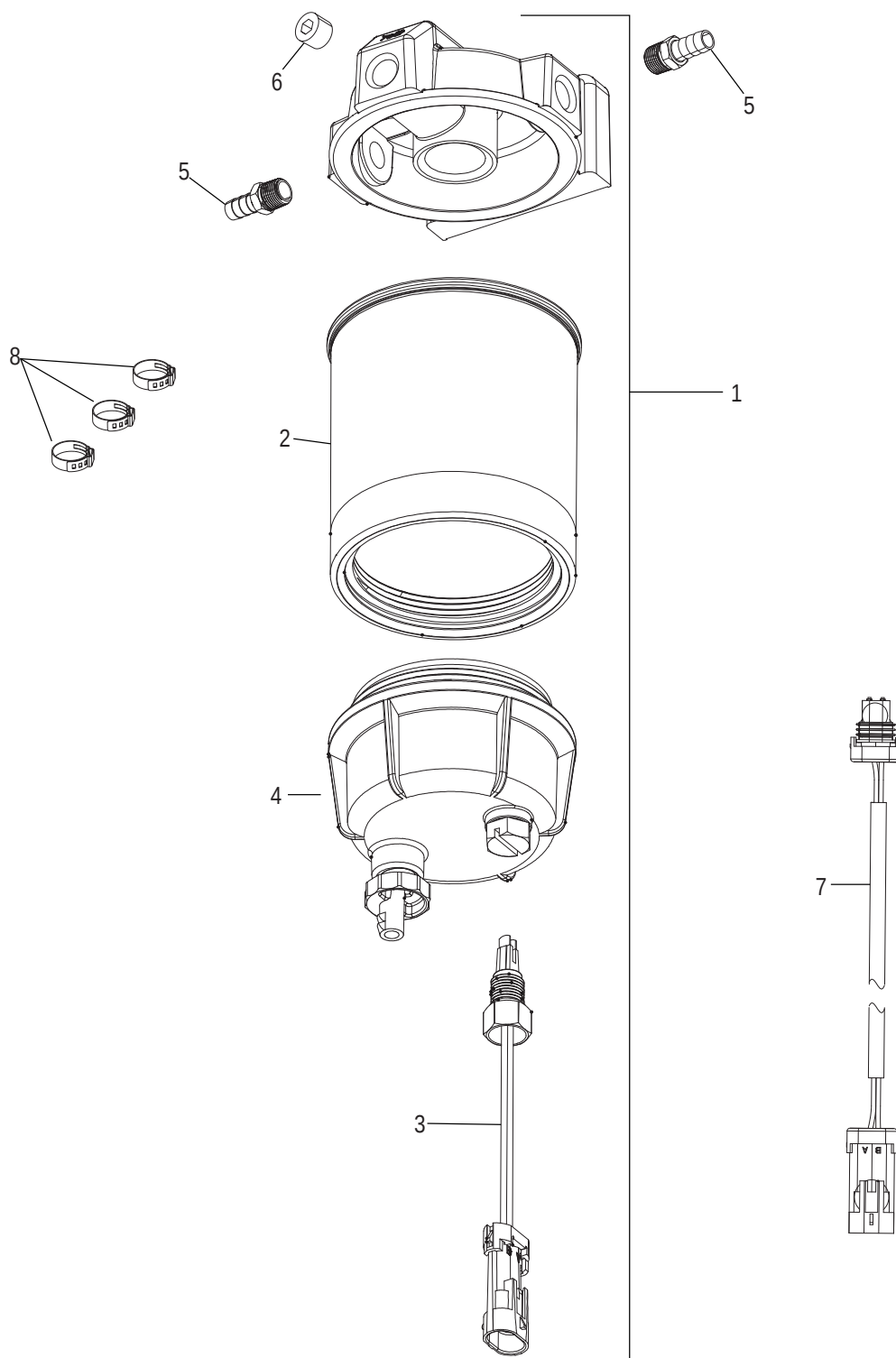
## Powerhead Gasket Set Components



## Powerhead Gasket Set Components

| Ref # | Part Class | Part Number | Description                                 | Comments | Qty | Note |
|-------|------------|-------------|---------------------------------------------|----------|-----|------|
| -     | 0027       | 896142A06   | GASKET SET Powerhead                        |          | 1   |      |
| -     | 0025       | 892077      | O-RING Fitting Assembly                     |          | 1   |      |
| -     | 0025       | 62701       | O-RING Fitting Assembly                     |          | 2   |      |
| -     | 0025       | 884409      | O-RING Cylinder Block Dowl Pin              |          | 1   |      |
| -     | 0025       | 884423      | O-RING Cylinder Block Dowl Pin              |          | 1   |      |
| -     | 0027       | 8M0024565   | GASKET Cylinder Head to Block               |          | 1   |      |
| -     | 0027       | 896142      | GASKET Block to Adaptor                     |          | 1   |      |
| -     | 0025       | 90196       | O-RING (.921 x .139) Oil Plug Assembly      |          | 1   |      |
| -     | 0025       | 898836      | O-RING Brown Tensioner End Cap              |          | 1   |      |
| -     | 0026       | 8805251     | SEAL Top Main Bearing                       |          | 1   |      |
| -     | 0025       | 897134      | O-RING (1.051 x 1.070) Adaptor Plate-Outlet |          | 1   |      |
| -     | 0025       | 897135      | O-RING (.864 x .070) Adaptor Plate-Inlet    |          | 1   |      |
| -     | 0026       | 884461      | SEAL Oil Adaptor Plate                      |          | 1   |      |
| -     | 0026       | 884462      | SEAL Water Water-Adaptor Plate              |          | 2   |      |
| -     | 0025       | 26317       | O-RING Dump Fitting                         |          | 2   |      |
| -     | 0025       | 38780       | O-RING Oil Pick-Up Tube                     |          | 1   |      |
| -     | 0027       | 895822      | GASKET Oil Sump                             |          | 1   |      |
| -     | 0027       | 889561      | GASKET Poppet                               |          | 1   |      |
| -     | 0026       | 880629      | SEAL Exhaust Tube                           |          | 1   |      |
| -     | 0026       | 888593      | SEAL Oil Sump Plug                          |          | 1   |      |
| -     | 0025       | 892445      | O-RING Water Tube                           |          | 1   |      |
| -     | 0025       | 90196       | O-RING (.921 x .139) Water Tube Coupling    |          | 1   |      |
| -     | 0025       | 21836       | O-RING (.796 x .139) Water Tube Coupling    |          | 1   |      |

## Water Separator Filter Kit 8M0046336



44041

## Water Separator Filter Kit 8M0046336

| Ref # | Part Class | Part Number | Description                                                | Comments | Qty | Note |
|-------|------------|-------------|------------------------------------------------------------|----------|-----|------|
| -     | 0035       | 8M0046336   | FUEL FILTER KIT                                            |          | 1   |      |
| 1     | 0000       | 8M0022130   | SEPERATOR KIT Fuel and Water                               |          | 1   |      |
| 2     | 0035       | 886638      | ELEMENT Fuel Filter                                        |          | 1   |      |
| 3     | 0000       | 8M0021043   | SENSOR ASSEMBLY Fuel and Water                             |          | 1   |      |
| 4     | 0000       | 8M0021044   | BOWL                                                       | Filter   | 1   |      |
| 5     | 0022       | 34982       | CONNECTOR                                                  |          | 2   |      |
| 6     | 0022       | 73379       | PLUG (.250-18)                                             |          | 1   |      |
| 7     | 0084       | 8M0042697   | HARNESS Fuel Filter Sensor Extension (144 in) Water Sensor |          | 1   |      |
| 8     | 0054       | 855697      | CLAMP                                                      |          | 3   |      |
| -     | 0084       | 8M0105263   | HARNESS WIF Sensor Extension - 36 Inches                   |          | 1   |      |
| -     | 0084       | 8M0105264   | HARNESS WIF Sensor Extension - 72 Inches                   |          | 1   |      |



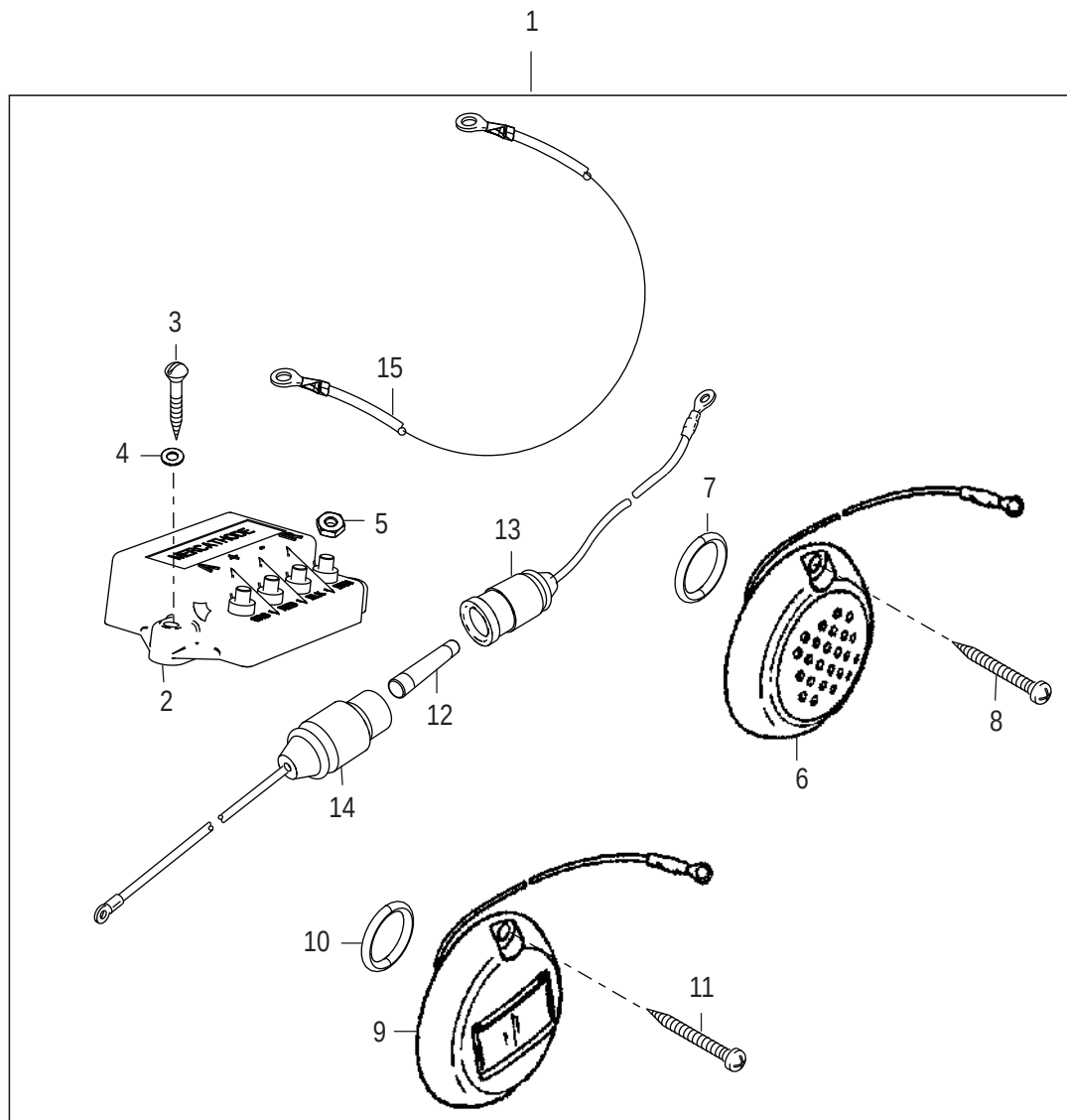
## Accessories

| Ref # | Part Class | Part Number | Description                                | Comments                  | Qty | Note |
|-------|------------|-------------|--------------------------------------------|---------------------------|-----|------|
| -     | 0000       | 892486K08   | CONVERSION KIT Analog                      |                           | 1   |      |
| -     | 0084       | 899785K04   | HARNESS ASSEMBLY Accessory Power (30 Feet) |                           | 1   |      |
| -     | 0000       | 88334A2     | MERCATHODE KIT                             |                           | 1   |      |
| -     | 0032       | 825191A03   | HOSE KIT Rigging                           |                           | 1   |      |
| -     | 0010       | 880717A01   | SCREW/SEAL KIT Gearcase                    |                           | 1   |      |
| -     | 0084       | 88439A50    | CABLE SET 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]  |

## PART NOTES:

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

# Mercathode Kit

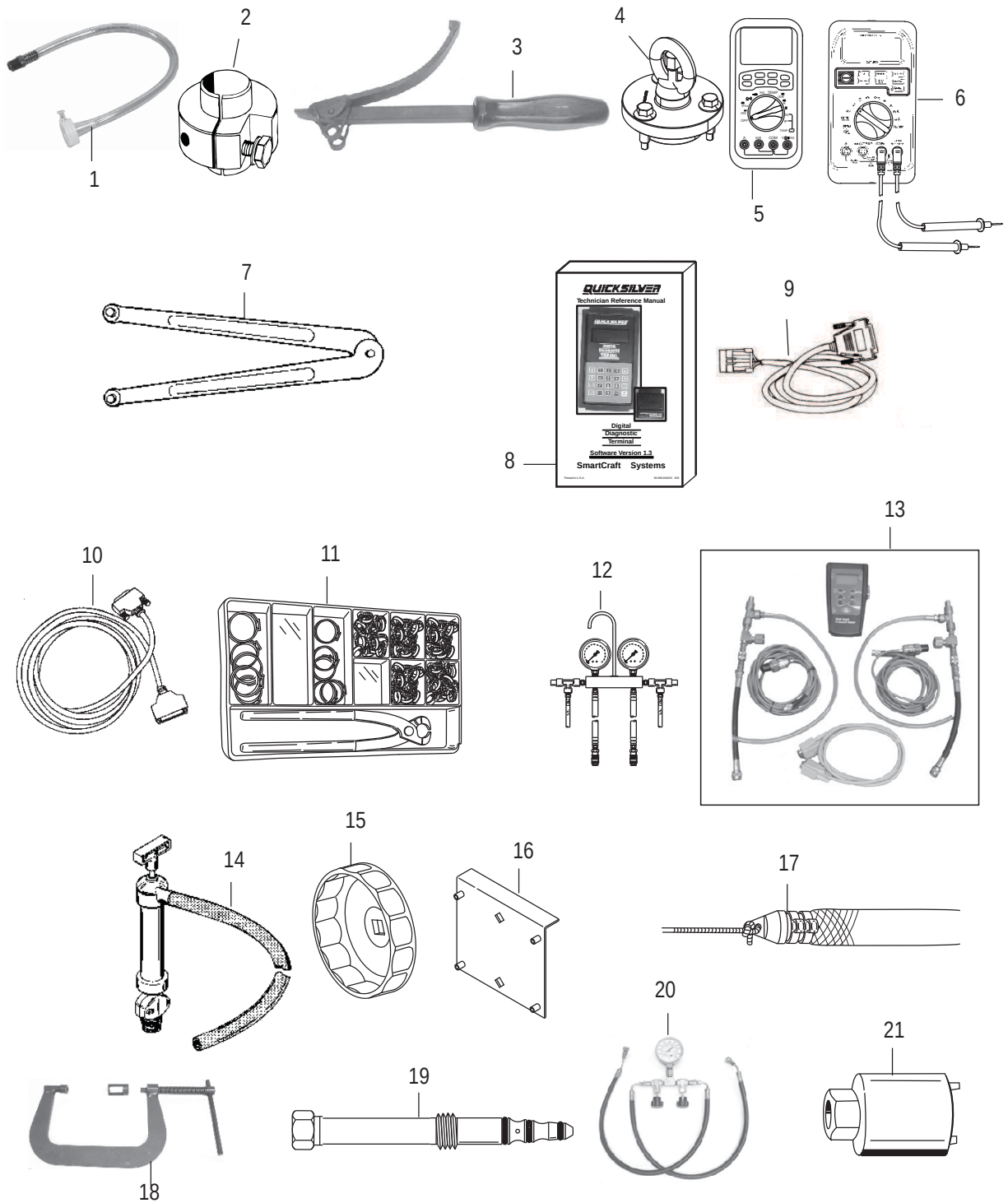


17420

## Mercathode Kit

| Ref # | Part Class | Part Number | Description                                     | Comments | Qty | Note |
|-------|------------|-------------|-------------------------------------------------|----------|-----|------|
| 1     | 0000       | 88334A2     | MERCATHODE KIT                                  |          | 1   |      |
| 2     | 0000       | 42600A09    | MERCATHODE ASSEMBLY                             |          | 1   |      |
| 3     | 0010       | 22793       | SCREW (#9-14 x .875)                            |          | 2   |      |
| 4     | 0012       | 30164       | WASHER (.192 x .375 x .0312)<br>Stainless Steel |          | 2   |      |
| 5     | 0011       | 45076       | NUT (#10-32) Brass                              |          | 4   |      |
| 6     | 0000       | 72958A5     | ELECTRODE ASSEMBLY                              |          | 1   |      |
| 7     | 0025       | 21836       | O-RING (.796 x .139)                            |          | 1   |      |
| 8     | 0010       | 87698       | SCREW (#10-16 x 1.250)<br>Stainless Steel       |          | 2   |      |
| 9     | 0097       | 72957A5     | ANODE ASSEMBLY                                  |          | 1   |      |
| 10    | 0025       | 21836       | O-RING (.796 x .139)                            |          | 1   |      |
| 11    | 0010       | 87698       | SCREW (#10-16 x 1.250)<br>Stainless Steel       |          | 2   |      |
| 12    | 0088       | 79091       | FUSE 20 Ampere                                  |          | 1   |      |
| 13    | 0084       | 95084A10    | CABLE ASSEMBLY (5.00 Inches)<br>Red             |          | 1   |      |
| 14    | 0084       | 95084A13    | CABLE ASSEMBLY (64.00 Inches)                   |          | 1   |      |
| 15    | 0084       | 79138A8     | CABLE ASSEMBLY (72.00 Inches)<br>Black          |          | 1   |      |

# Tools



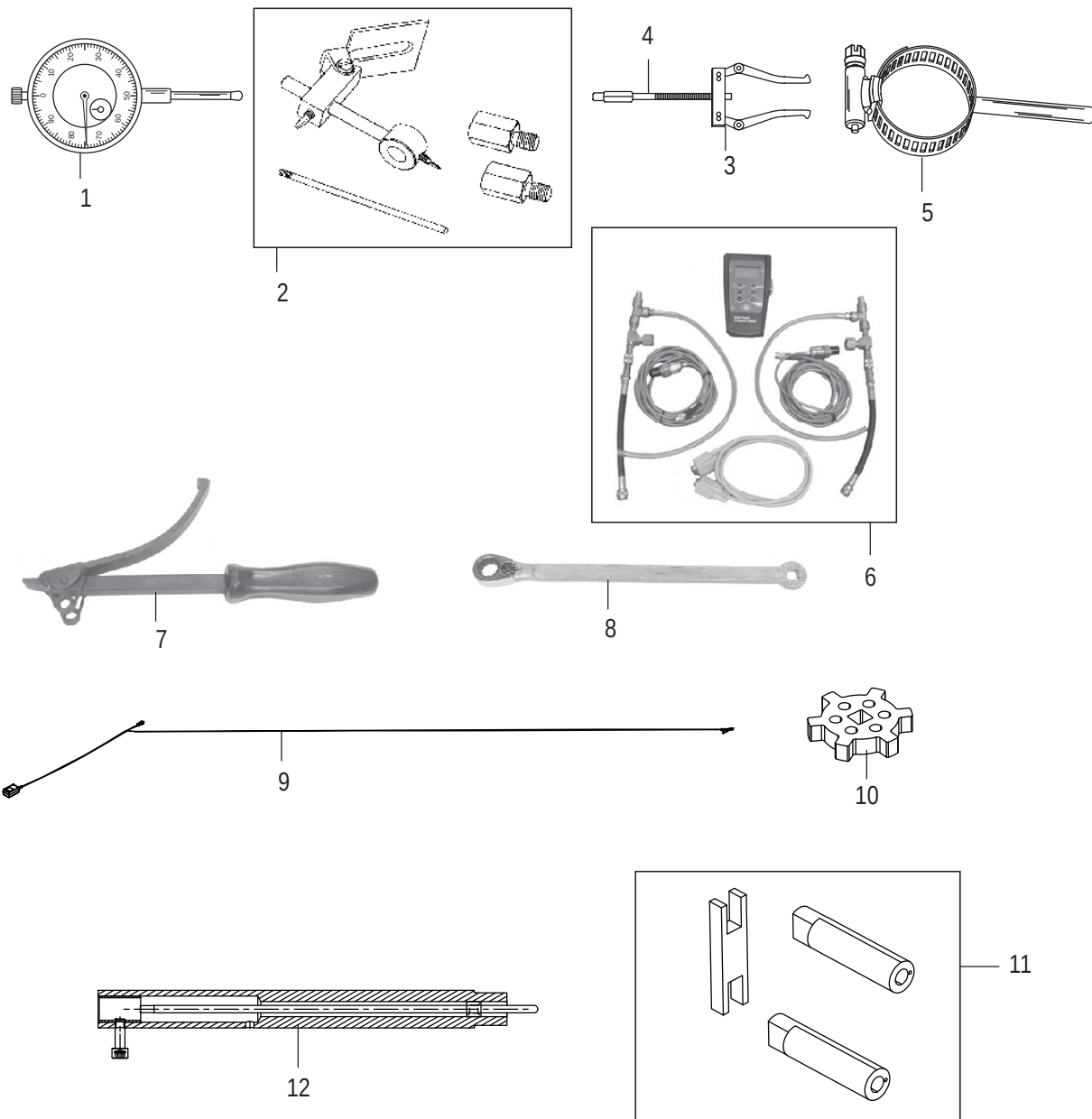
22745



## Tools

| Ref # | Part Class | Part Number | Description                                 | Comments | Qty | Note |
|-------|------------|-------------|---------------------------------------------|----------|-----|------|
| 1     | 0064       | 826525A1    | FILLER KIT Steering Helm                    |          | 1   |      |
| 2     | 0091       | 44486A1     | REMOVAL TOOL Trim Rod                       |          | 1   |      |
| 3     | 0091       | 52344       | FLYWHEEL HOLDER TOOL Teeth Type             |          | 1   |      |
| 4     | 0091       | 895343T02   | TOOL Flywheel Puller                        |          | 1   |      |
| -     | 0010       | 895346      | BOLT                                        |          | 1   |      |
| 5     | 0091       | 892647A01   | MULTI-METER KIT DMT                         |          | 1   |      |
| 6     | 0091       | 892647A01   | MULTI-METER KIT DMT                         |          | 1   |      |
| -     | 0088       | 895226      | FUSE 5 Ampere                               |          | 1   |      |
| -     | 0088       | 895227      | FUSE 10 Ampere                              |          | 1   |      |
| -     | 0091       | 8540111     | PROBE                                       |          | 1   |      |
| -     | 0091       | 8540131     | MODULE Interface                            |          | 1   |      |
| -     | 0091       | 895225      | PLUG                                        |          | 1   |      |
| -     | 0091       | 8540101     | HARNESS ASSEMBLY                            |          | 1   |      |
| -     | 0091       | 802651      | TEST LEAD SET                               |          | 1   |      |
| 7     | 0091       | 74951       | SPANNER WRENCH                              |          | 1   |      |
| 8     | 0090       | 881204003   | TECHNICAL MANUAL Digital Terminal Reference |          | 1   |      |
| 9     | 0084       | 822560A13   | HARNESS ASSEMBLY Diagnostic Tester          |          | 1   |      |
| 10    | 0084       | 825003A1    | CABLE ASSEMBLY DDT                          |          | 1   |      |
| 11    | 0091       | 803146A04   | CLAMP TOOL KIT                              |          | 1   |      |
| 12    | 0091       | 881834A1    | GAUGE                                       |          | 1   |      |
| 13    | 0091       | 892651A01   | PRESSURE METER Digital                      |          | 1   |      |
| -     | 0091       | 899883110   | PRESSURE TRANSDUCER (P1-Red)                |          | 1   |      |
| -     | 0091       | 899883111   | PRESSURE TRANSDUCER (P2-Black)              |          | 1   |      |
| 14    | 0000       | 90265A5     | PUMP ASSEMBLY Crankcase Oil                 |          | 1   |      |
| 15    |            | NA          | NOT AVAILABLE Not Sold With This Model      |          | 1   |      |
| 16    | 0091       | 98234A2     | DRILL FIXTURE KIT Transom                   |          | 1   |      |
| 17    | 0000       | 888462A1    | PULLER ASSEMBLY Cable                       |          | 1   |      |
| 18    | 0091       | 809494A1    | COMPRESSOR TOOL Valve Spring                |          | 1   |      |
| 19    | 0091       | 822778A2    | UP PRESSURE KIT                             |          | 1   |      |
| 19    | 0091       | 822778A3    | DOWN PRESSURE KIT                           |          | 1   |      |
| 20    | 0091       | 52915A6     | TEST GAUGE KIT                              |          | 1   |      |
| -     | 0091       | 822778A1    | TOOL Trim Pressure                          |          | 1   |      |
| 21    | 0091       | 44487T1     | REMOVER TOOL Trim Rod Guide                 |          | 1   |      |
| -     | 0091       | 881833A03   | GAUGE KIT Air/Fuel Pressure                 |          | 1   |      |
| -     | 0025       | 803803      | O-RING                                      |          | 1   |      |

# Tools



40069

## Tools

| Ref # | Part Class | Part Number | Description                      | Comments | Qty | Note |
|-------|------------|-------------|----------------------------------|----------|-----|------|
| 1     | 0091       | 58222A1     | DIAL INDICATOR TOOL              |          | 1   |      |
| 2     | 0091       | 83155       | ADAPTER KIT Dial Indicator       |          | 1   |      |
| 3     | 0091       | 46086A1     | PULLER JAW ASSEMBLY              |          | 1   |      |
| 4     | 0091       | 85716       | PULLER BOLT TOOL Bearing Carrier |          | 1   |      |
| 5     | 0091       | 78473       | INDICATOR TOOL Backlash          |          | 1   |      |
| 6     | 0091       | 892651A01   | PRESSURE METER Digital           |          | 1   |      |
| 7     | 0091       | 52344       | FLYWHEEL HOLDER TOOL Teeth Type  |          | 1   |      |
| 8     | 0091       | 809905001   | WRENCH Torque Adapter            |          | 1   |      |
| 9     | 0091       | 895040K01   | PRIMER KIT Power Steering Module |          | 1   |      |
| 10    | 0091       | 896661      | TOOL Fuel Filter                 |          | 1   |      |
| 11    | 0091       | 899015A01   | TOOL KIT Upper Mount Alignment   |          | 1   |      |
| 12    | 0091       | 805382T01   | TOOL Extension-Dial Indicator    |          | 1   |      |
| -     | 0091       | 89897       | HOLDING TOOL Dial Indicator      |          | 1   |      |
| -     | 0000       | FT8950      | TESTER KIT                       |          | 1   |      |
| -     | 0091       | 804998T     | DRAIN/FILL TOOL Gearlube         |          | 1   | [1]  |
| -     | 0000       | 889283A01   | TOOL KIT Fuel Priming            |          | 1   |      |

## PART NOTES:

- [1] - Alternate part numbers:
- 804998QQS
- 804998TMPP

## Lube Chart

|    |                                                  |
|----|--------------------------------------------------|
| 1  | 75-80 Belex Polar Gear Oil                       |
| 2  | Bi-Wax Anti-Corrosion Grease                     |
| 4  | Chemlith 2A Grease                               |
| 5  | Amber Jell (American Oil)                        |
| 6  | Dow Chemical Co. DC-4                            |
| 7  | Loctite 271                                      |
| 8  | EZ Turn Sealer                                   |
| 9  | Loctite Pipe Sealant W/Teflon                    |
| 10 | Loctite 277 With Primer "N"                      |
| 12 | Loctite 514 Gasket Eliminator                    |
| 13 | Loctite HVV Pipe Sealant                         |
| 14 | Formula 50, 2-Cycle Motor Oil                    |
| 15 | Resiweld #7002                                   |
| 16 | Keystone No-Weld #1(Alternate #58)               |
| 17 | Loctite 35 With Primer "N"                       |
| 19 | Perfect Seal Sealing Compound #4                 |
| 20 | Loctite 312                                      |
| 22 | G.E. Silicone Sealer Type 108 (Alternate #81)    |
| 23 | Green Soap                                       |
| 24 | Rust Inhibitor                                   |
| 25 | Gaco N700                                        |
| 26 | Loctite Superbonder 495                          |
| 27 | Bellows Adhesive                                 |
| 28 | Transmission Fluid                               |
| 29 | Loctite 515                                      |
| 30 | Formula 50 2-Cyc. W/ 8-10% Molykote M-Gear Guard |
| 32 | Formica #100 Brushable Adhesive                  |
| 33 | Loctite 680                                      |
| 34 | Bearing Compound #101                            |
| 36 | P80 Rubber Lubricant                             |
| 37 | Bi-Wax 7049                                      |
| 38 | Bi-Wax 7017 Thinned W/Xylol 40/60                |
| 39 | 3M #1300 Adhesive                                |
| 40 | GM #987266 Perfect Seal                          |
| 41 | Supermil Eng. Oil #06212 Grade 2                 |
| 42 | Unirex N-2                                       |
| 44 | Hi-Pressure Grease                               |
| 45 | N-Butyl Alcohol                                  |
| 46 | G.E. Glyptal                                     |
| 47 | Engine Oil Formula 4R                            |
| 49 | Fel Pro C-670, 25% Mix W/Formula 50D             |
| 50 | Cindol 4683 High Pressure W.B.E.                 |
| 51 | Loctite 222                                      |
| 52 | Perfect Seal #5MM-Blue                           |
| 53 | Perfect Seal #5MM-Natural                        |
| 54 | Mineral Oil                                      |
| 55 | La-Co Slic-Tite                                  |
| 56 | Loctite Superbonder 430                          |
| 58 | Fel-Pro C638 Thread Compound                     |
| 59 | Perfect Seal #5.5                                |
| 60 | Loctite 601                                      |
| 61 | Titesal #T25 Medium Weight                       |
| 62 | PermaBond 105 Cyanacrylate Adhesive              |
| 64 | Loctite Superbonder 414                          |
| 66 | Loctite 242                                      |
| 67 | Loctite 290                                      |
| 68 | Loctite 609                                      |
| 69 | Loctite 416 Super Bond                           |
| 70 | Ideal Ind. 31-355 (Yellow-77)                    |

|     |                                                 |
|-----|-------------------------------------------------|
| 74  | Loctite 405                                     |
| 75  | Loctite 18010 (518 Homo)                        |
| 76  | Dow Corning 736 High Temp RTV Sealant           |
| 77  | Loctite 620                                     |
| 78  | G.E. Sealer RTV #1473                           |
| 79  | 25W40 4-Cycle Engine Oil                        |
| 80  | 30W 4-Cycle Engine Oil                          |
| 81  | Never Seeze Lube Compound                       |
| 82  | Citco DF 236Gear Oil                            |
| 83  | 732 RTV Black Sealant                           |
| 84  | Perma-Lok 115 Adhesive                          |
| 85  | Dow Corning 732 Mult Sealant (RTV)(Black/Clear) |
| 86  | Loctite 262                                     |
| 87  | Belray 65413 Gear Oil                           |
| 90  | Vinyl Solution Coating                          |
| 91  | Chemtool Alpha 2000 Grease                      |
| 92  | Loctite Locquic Primer N                        |
| 93  | Ruse Free 302                                   |
| 94  | Anti-Corrosion Grease                           |
| 95  | Chemtool Duralube Special                       |
| 96  | Loctite Superbonder 454 Gel                     |
| 97  | Loctite 18010 (518 Homo) W/Primer "N"           |
| 98  | Optimoly White Paste                            |
| 99  | Isopropyl Alcohol                               |
| 100 | Sprayon Lube 00711                              |
| 101 | Hot Glue                                        |
| 102 | Formula 50D TCW III                             |
| 103 | Formula 50D TCW III Biodegradable               |
| 104 | Loctite RC 635                                  |
| 105 | PermaBond Superbonder Plus #799                 |
| 106 | Hot Glue EM3022Ps Ellsworth Adhesives           |
| 107 | 3M #847 Adhesive                                |
| 108 | Loctite RC 635 W/Locquic Primer T#747           |
| 109 | Loctite 271 W/Primer T#747                      |
| 110 | 4-Cycle Oil (10W-30)                            |
| 111 | Torque Seal F-900                               |
| 112 | Loctite 326                                     |
| 113 | Loctite Molypaste Low Friction Lubricant        |
| 114 | Power Trim & Tilt System Oil                    |
| 115 | TCW-III Premium Plus Oil                        |
| 116 | RTV 587 Silicone Sealer                         |
| 117 | Loctite 7649 Primer                             |
| 118 | Loctite 4205 Instant Adhesive Gel               |
| 119 | Storage Seal Rust Inhibitor                     |
| 120 | Corrosion Guard                                 |
| 121 | 15W-40 4-Cycle Diesel Engine Oil                |
| 122 | Extended Life Antifreeze/Coolant                |
| 123 | Marine Engine Coolant                           |
| 124 | Fuel System Treatment & Stabilizer              |
| 125 | Heat Transfer Compound                          |
| 126 | Liquid Gasket                                   |
| 127 | T442 Sealant                                    |
| 128 | Loctite 5900 Ultra Black RTV Sealant            |
| 129 | Loctite Gasket Remover                          |
| 130 | Sealer Kit, Two Part Epoxy                      |
| 131 | Loctite 5920 Ultra Copper Hi Temp RTV Silicone  |
| 132 | Chemtool Alpha 2000 HD W/Moly                   |
| 133 | Chemtool CT-C30A Lubricating Grease             |
| 134 | Loctite 380                                     |
| 135 | Three Bond 1217F                                |
| 136 | Lubriplate SPO 255                              |

Reference 90-88667 Chart-Lubes, Adhesives

2671

**Cat.# 90-898164008**

## Lube Chart

| Ref # | Part Class | Part Number | Description   | Comments | Qty | Note |
|-------|------------|-------------|---------------|----------|-----|------|
| -     |            | NOPART      | NO PARTS LIST |          | 0   |      |

## Maintenance Kits

## Maintenance Kits

| Ref # | Part Class | Part Number | Description                         | Comments | Qty | Note |
|-------|------------|-------------|-------------------------------------|----------|-----|------|
| -     | 0000       | 8M0130835   | SERVICE KIT Verado 4 cyl (300 Hour) |          | 1   |      |
| -     | 0035       | 877767K01   | FILTER Oil                          |          | 1   | [1]  |
| -     | 0035       | 8M0122424   | FUEL FILTER Mercury                 |          | 1   | [2]  |
| -     | 0035       | 879885Q     | FILTER Fuel In-Line                 |          | 1   | [3]  |
| -     | 0026       | 888593      | SEAL                                |          | 1   |      |
| -     | 0026       | 830749      | SEAL                                |          | 1   |      |
| -     | 0000       | 892864T04   | THERMOSTAT ASSEMBLY                 |          | 1   |      |
| -     | 0054       | 888988001   | CLAMP (36.1 mm)                     |          | 1   |      |
| -     | 0033       | 889246Q39   | SPARK PLUG NGK-ILFR6GE              |          | 4   | [4]  |
| -     | 0000       | 817275A08   | REPAIR KIT Water Pump-Upper         |          | 1   |      |
| -     | 0057       | 880566Q14   | BELT Drive                          |          | 1   |      |
| -     | 0097       | 8M0107551   | ANODE KIT L4 Verado / OptiMax - MPP |          | 1   |      |

## PART NOTES:

- [1] - Alternate part numbers:  
877767K01MPP  
877767Q01QS
- [2] - Alternate part numbers:  
8M0122423QS  
8M0122424MPP
- [3] - Alternate part numbers:  
879885KMPP  
879885QQS  
879885TService Part
- [4] - Alternate part numbers:  
889246Q39QS  
8M0058934Bulk Pack

# PARTS INDEX

| Part No. | Description                                   | Pg. | Ref.no | Part No. | Description                                   | Pg. | Ref.no |
|----------|-----------------------------------------------|-----|--------|----------|-----------------------------------------------|-----|--------|
| 10249080 | OPERATION MANUAL                              | 2   | -      | 10249081 | OPERATION MANUAL                              | 2   | -      |
| 10249082 | OPERATION MANUAL 135/150/175/200 Verado       | 2   | -      | 10249090 | OPERATION MANUAL 135-200 Verado               | 2   | -      |
| 10249091 | OPERATION MANUAL 135-200 Verado               | 2   | -      | 10249V80 | OWNERS MANUAL Belgium                         | 2   | -      |
| 10250080 | INSTALLATION MANUAL                           | 2   | -      | 10250081 | INSTALLATION MANUAL                           | 2   | -      |
| 10250082 | INSTALLATION MANUAL 135/150/175/200 Verado    | 2   | -      | 10250090 | INSTALL MANUAL 135-200 Verado                 | 2   | -      |
| 19755T7  | SPOOL ASSEMBLY                                | 76  | 4      | 19755T7  | SPOOL ASSEMBLY                                | 80  | 4      |
| 19755T7  | SPOOL ASSEMBLY                                | 84  | 4      | 19755T7  | SPOOL ASSEMBLY                                | 88  | 4      |
| 20116    | GROMMET Fuel Vent Hose                        | 24  | 4      | 21836    | O-RING (.796 x .139)                          | 60  | 26     |
| 21836    | O-RING (.796 x .139) Water Tube Coupling      | 98  | -      | 21836    | O-RING (.796 x .139)                          | 104 | 7      |
| 21836    | O-RING (.796 x .139)                          | 104 | 10     | 22740    | CLIP                                          | 62  | 37     |
| 22793    | SCREW (#9-14 x .875)                          | 104 | 3      | 23721    | RING Retaining                                | 76  | 12     |
| 23721    | RING Retaining                                | 80  | 12     | 23721    | RING Retaining                                | 84  | 11     |
| 23721    | RING Retaining                                | 88  | 11     | 26317    | O-RING                                        | 56  | 16     |
| 26317    | O-RING Dump Fitting                           | 98  | -      | 26993    | LOCKWASHER (.312)                             | 14  | 11     |
| 26996    | LOCKWASHER (#10) Stainless Steel              | 62  | 33     | 27290    | RING Retaining                                | 4   | 10     |
| 28421    | WASHER (1.5 x 3.05 x 0.13) Stainless Steel    | 66  | 11     | 29245    | WASHER (.281 x .500 x .060) Stainless Steel   | 16  | 9      |
| 29245    | WASHER (.281 x .500 x .060) Stainless Steel   | 92  | 34     | 30164    | WASHER (.192 x .375 x .0312) Stainless Steel  | 104 | 4      |
| 30632    | PIN Cross                                     | 76  | 20     | 30632    | PIN Cross                                     | 80  | 20     |
| 30632    | PIN Cross                                     | 84  | 18     | 30632    | PIN Cross                                     | 88  | 18     |
| 30893    | SPRING                                        | 76  | 17     | 30893    | SPRING                                        | 80  | 17     |
| 30893    | SPRING                                        | 84  | 16     | 30893    | SPRING                                        | 88  | 16     |
| 33504    | O-RING                                        | 62  | 2      | 34982    | CONNECTOR                                     | 100 | 5      |
| 35462    | WASHER (.2656 x .625 x .0625) Stainless Steel | 18  | 29     | 35462    | WASHER (.2656 x .625 x .0625) Stainless Steel | 18  | 35     |
| 35921    | NUT (.625-18)                                 | 70  | 21     | 36001    | WASHER                                        | 46  | 21     |
| 36387A1  | BEARING ASSEMBLY Roller/Cup                   | 72  | 46     | 37828    | WASHER (.390 x .625 x .062) Stainless Steel   | 64  | 43     |
| 38657A1  | SHIM ASSEMBLY                                 | 70  | 26     | 38780    | O-RING                                        | 60  | 2      |
| 38780    | O-RING Oil Pick-Up Tube                       | 98  | -      | 4000327  | SCREW (M6 x 14)                               | 92  | 25     |
| 4000327  | SCREW (M6 x 14)                               | 96  | 16     | 4000330  | SCREW (M6 x 25)                               | 92  | 33     |
| 4000333  | SCREW (M6 x 40)                               | 70  | 5      | 40007103 | SCREW (M5 x 6)                                | 10  | 23     |
| 40011107 | SCREW (M5 x 16) Stainless Steel               | 46  | 16     | 40011128 | SCREW (M6 x 20) Stainless Steel               | 70  | 16     |
| 40011128 | SCREW (M6 x 20) Stainless Steel               | 72  | 34     | 40011129 | SCREW (M6 x 25) Stainless Steel               | 24  | 7      |
| 40011145 | SCREW (M8 x 10) Stainless Steel               | 10  | 13     | 400211   | NUT (M5) Stainless Steel                      | 14  | 10     |
| 400213   | NUT (M8) Stainless Steel                      | 10  | 16     | 400213   | NUT (M8) Stainless Steel                      | 14  | 12     |
| 400213   | NUT (M8) Stainless Steel                      | 46  | 32     | 4002315  | WASHER (6.60 X 12.5 X 1.5 mm -SS)             | 96  | 17     |
| 4002316  | WASHER (6.60 X 17.0 X 1.5SS)                  | 56  | 18     | 4002318  | WASHER                                        | 20  | 40     |
| 4002319  | WASHER                                        | 16  | 12     | 4002319  | WASHER                                        | 36  | 5      |
| 4002319  | WASHER                                        | 92  | 31     | 4002319  | WASHER                                        | 96  | 21     |
| 400255   | LOCKWASHER (M5)                               | 14  | 9      | 400256   | LOCKWASHER (M6)                               | 92  | 5      |
| 400256   | LOCKWASHER (M6)                               | 96  | 3      | 401386   | NUT (M6) Stainless Steel                      | 6   | 27     |
| 401386   | NUT (M6) Stainless Steel                      | 6   | 32     | 401386   | NUT (M6) Stainless Steel                      | 16  | 13     |
| 401386   | NUT (M6) Stainless Steel                      | 18  | 30     | 401386   | NUT (M6) Stainless Steel                      | 70  | 6      |
| 401388   | NUT (M8) Stainless Steel                      | 12  | 36     | 401388   | NUT (M8) Stainless Steel                      | 20  | 41     |
| 401388   | NUT (M8) Stainless Steel                      | 46  | 14     | 41508    | SCREW (.250-20 x .500) Stainless Steel        | 62  | 16     |
| 42600A09 | MERCATHODE ASSEMBLY                           | 104 | 2      | 42647A1  | BEARING ASSEMBLY Roller                       | 70  | 23     |
| 43026Q06 | REPAIR KIT Water Pump Impeller                | 72  | -      | 43026T2  | IMPELLER                                      | 72  | 35     |
| 430331   | GASKET                                        | 72  | 44     | 43037    | KEY                                           | 72  | 42     |
| 43044    | PIN Dowel - Without Hole (.375 x .625)        | 46  | 5      | 43044    | PIN Dowel - Without Hole (.375 x .625)        | 68  | 25     |
| 43044    | PIN Dowel - Without Hole (.375 x .625)        | 70  | 3      | 43450    | WASHER                                        | 92  | 26     |
| 44357Q2  | FLUSHING ATTACHMENT                           | 102 | -      | 44357T2  | FLUSHING ATTACHMENT                           | 102 | -      |
| 44486A1  | REMOVAL TOOL Trim Rod                         | 106 | 2      | 44487T1  | REMOVER TOOL Trim Rod Guide                   | 106 | 21     |
| 45076    | NUT (#10-32) Brass                            | 104 | 5      | 45711    | O-RING (.612 x .103)                          | 66  | 6      |
| 46086A1  | PULLER JAW ASSEMBLY                           | 108 | 3      | 46335    | NUT (.375-24)                                 | 62  | 13     |
| 469501   | COTTER PIN                                    | 76  | 6      | 469501   | COTTER PIN                                    | 80  | 6      |
| 469501   | COTTER PIN                                    | 84  | 6      | 469501   | COTTER PIN                                    | 88  | 6      |
| 47397A1  | SHIM SET                                      | 84  | 28     | 47397A1  | SHIM SET                                      | 90  | 29     |
| 48939A2  | BEARING Tapered Roller                        | 72  | 49     | 52344    | FLYWHEEL HOLDER TOOL Teeth Type               | 106 | 3      |
| 52344    | FLYWHEEL HOLDER TOOL Teeth Type               | 108 | 7      | 52707Q1  | PROP NUT KIT (.750-16)                        | 78  | 38     |
| 52707Q1  | PROP NUT KIT (.750-16)                        | 82  | 38     | 52707Q1  | PROP NUT KIT (.750-16)                        | 86  | 43     |
| 52707Q1  | PROP NUT KIT (.750-16)                        | 90  | 43     | 52707T1  | PROP NUT KIT (.750-16)                        | 78  | 38     |
| 52707T1  | PROP NUT KIT (.750-16)                        | 82  | 38     | 52707T1  | PROP NUT KIT (.750-16)                        | 86  | 43     |
| 52707T1  | PROP NUT KIT (.750-16)                        | 90  | 43     | 52915A6  | TEST GAUGE KIT                                | 106 | 20     |



# PARTS INDEX

| Part No.  | Description                                           | Pg. | Ref.no | Part No.  | Description                                      | Pg. | Ref.no |
|-----------|-------------------------------------------------------|-----|--------|-----------|--------------------------------------------------|-----|--------|
| 54012     | WASHER (.530 x .870 x .105) Stainless Steel           | 66  | 10     | 58222A1   | DIAL INDICATOR TOOL                              | 108 | 1      |
| 58643     | LOCKWASHER (.375)                                     | 62  | 12     | 62701     | O-RING                                           | 38  | 3      |
| 62701     | O-RING                                                | 42  | 3      | 62701     | O-RING Fitting Assembly                          | 98  | -      |
| 64014     | SCREW (.250-28 x .500)                                | 62  | 35     | 648771    | DIAPHRAGM                                        | 60  | 9      |
| 64878     | SPRING (Black)                                        | 60  | 7      | 65567     | WASHER (.265 x .750 x .048) Stainless Steel      | 18  | 24     |
| 65567     | WASHER (.265 x .750 x .048) Stainless Steel           | 24  | 8      | 65567     | WASHER (.265 x .750 x .048) Stainless Steel      | 24  | 34     |
| 65567     | WASHER (.265 x .750 x .048) Stainless Steel           | 38  | 23     | 65567     | WASHER (.265 x .750 x .048) Stainless Steel      | 42  | 23     |
| 65830     | NYLINER                                               | 66  | 15     | 67684     | RING Retaining                                   | 62  | 10     |
| 677551    | SCREW (.500-20 x 4.500)                               | 66  | 9      | 68292     | NUT (.312-18) Battery Cable-Negative             | 12  | 39     |
| 69035     | SCREW AND LOCKWASHER (.250-20 x .625) Stainless Steel | 14  | 6      | 69056     | WASHER (.255 x .620 x .030) Stainless Steel      | 6   | 24     |
| 69205     | C WASHER                                              | 62  | 38     | 69570     | SCREW (#10-16 x .750)                            | 60  | 11     |
| 72957A5   | ANODE ASSEMBLY                                        | 104 | 9      | 72958A5   | ELECTRODE ASSEMBLY                               | 104 | 6      |
| 73379     | PLUG (.250-18)                                        | 100 | 6      | 74036     | FITTING Grease                                   | 62  | 6      |
| 74647     | NYLINER                                               | 18  | 33     | 74951     | SPANNER WRENCH                                   | 106 | 7      |
| 76214Q5   | ANODE KIT                                             | 70  | 9      | 76214T5   | ANODE KIT                                        | 70  | 9      |
| 77674     | WASHER                                                | 70  | 17     | 78473     | INDICATOR TOOL Backlash                          | 108 | 5      |
| 79091     | FUSE 20 Ampere                                        | 104 | 12     | 79138A8   | CABLE ASSEMBLY (72.00 Inches) Black              | 104 | 15     |
| 79448     | RETAINER                                              | 76  | 35     | 79448     | RETAINER                                         | 82  | 35     |
| 79448     | RETAINER                                              | 86  | 39     | 79448     | RETAINER                                         | 90  | 39     |
| 79953A04  | PLUG ASSEMBLY (.375-16 x .250)                        | 70  | 7      | 802651    | TEST LEAD SET                                    | 106 | -      |
| 803146A04 | CLAMP TOOL KIT                                        | 106 | 11     | 803803    | O-RING                                           | 106 | -      |
| 804998T   | DRAIN/FILL TOOL Gearlube                              | 108 | -      | 805382T01 | TOOL Extension-Dial Indicator                    | 108 | 12     |
| 806327    | SCREW (.437-14 x 1.750)                               | 70  | 10     | 8079923   | COVER Hose Clamp End                             | 24  | 15     |
| 809463A1  | SOLENOID KIT                                          | 14  | 4      | 809494A1  | COMPRESSOR TOOL Valve Spring                     | 106 | 18     |
| 809905001 | WRENCH Torque Adapter                                 | 108 | 8      | 811613    | PLUG ASSEMBLY                                    | 92  | 24     |
| 811613    | PLUG ASSEMBLY                                         | 96  | 15     | 813442A2  | MANUAL RELEASE ASSEMBLY (Includes Reference #26) | 92  | 8      |
| 813644002 | GROMMET                                               | 24  | 18     | 813771003 | MOUNT Lower                                      | 62  | 19     |
| 814653T   | BEARING ASSEMBLY Needle Rollers                       | 84  | 26     | 814653T   | BEARING ASSEMBLY Needle Rollers                  | 90  | 27     |
| 814806    | WASHER (.344 x .688 x .065) Stainless Steel           | 20  | 42     | 815432    | WASHER (.562 x 2.00 x .125)                      | 62  | 17     |
| 8154331   | WASHER (1.25 x 2.00 x .19)                            | 62  | 18     | 815480    | BEARING Thrust                                   | 84  | 23     |
| 815480    | BEARING Thrust                                        | 88  | 23     | 815504104 | CLAMP Worm Gear                                  | 56  | 24     |
| 815504104 | CLAMP Worm Gear                                       | 58  | 20     | 815504244 | CLAMP Worm Gear                                  | 24  | 22     |
| 816039    | SPACER                                                | 62  | 4      | 816311T   | TIE STRAP (8.00 Inches)                          | 10  | 32     |
| 816311T   | TIE STRAP (8.00 Inches)                               | 24  | 25     | 816311T   | TIE STRAP (8.00 Inches)                          | 36  | 12     |
| 816311T   | TIE STRAP (8.00 Inches)                               | 38  | 15     | 816311T   | TIE STRAP (8.00 Inches)                          | 42  | 15     |
| 816432    | THRUST WASHER                                         | 62  | 8      | 8164641   | SEAL Oil                                         | 70  | 13     |
| 817274    | WASHER (.344 x 1.00 x .063) Stainless Steel           | 10  | 15     | 817274    | WASHER (.344 x 1.00 x .063) Stainless Steel      | 12  | 34     |
| 817274    | WASHER (.344 x 1.00 x .063) Stainless Steel           | 12  | 42     | 817274    | WASHER (.344 x 1.00 x .063) Stainless Steel      | 26  | 44     |
| 817274    | WASHER (.344 x 1.00 x .063) Stainless Steel           | 68  | 10     | 817275A08 | REPAIR KIT Water Pump-Upper                      | 72  | -      |
| 817275A08 | REPAIR KIT Water Pump-Upper                           | 112 | -      | 817275A09 | HOUSING Water Pump-Complete                      | 72  | 32     |
| 8172761   | FACEPLATE                                             | 72  | 36     | 8172771   | GASKET                                           | 72  | 43     |
| 818298Q1  | ANODE KIT                                             | 92  | 32     | 818764    | BUSHING                                          | 62  | 3      |
| 81893435  | SCREW (M8 x 35)                                       | 18  | 6      | 819514A23 | HARNESS ASSEMBLY Trim                            | 10  | 24     |
| 82104510  | SCREW (M5 x 10)                                       | 18  | 23     | 821207    | BUSHING                                          | 62  | 7      |
| 82129114  | SCREW (M6 x 14)                                       | 10  | 19     | 82129125  | SCREW (M6 x 25 MM)                               | 38  | 24     |
| 82129125  | SCREW (M6 x 25 MM)                                    | 42  | 24     | 82130014  | SCREW (M6 x 14)                                  | 4   | 5      |
| 82130014  | SCREW (M6 x 14)                                       | 4   | 11     | 821526001 | FILLER BLOCK                                     | 70  | 2      |
| 821539    | PIN Trilobe                                           | 92  | 29     | 82155025  | SCREW (M8 x 25 MM) Stainless Steel               | 18  | 20     |
| 822003    | BUSHING                                               | 38  | 21     | 822003    | BUSHING                                          | 42  | 21     |
| 822560A13 | HARNESS ASSEMBLY Diagnostic Tester                    | 106 | 9      | 822778A1  | TOOL Trim Pressure                               | 106 | -      |
| 822778A2  | UP PRESSURE KIT                                       | 106 | 19     | 822778A3  | DOWN PRESSURE KIT                                | 106 | 19     |
| 824145    | SHIFT SHAFT                                           | 70  | 19     | 8245191   | RETAINER                                         | 72  | 31     |
| 824928001 | PLUG Rubber (Use where Applicable)                    | 68  | 21     | 82494830  | SCREW (M6 x 30)                                  | 92  | 4      |
| 82494830  | SCREW (M6 x 30)                                       | 96  | 2      | 825003A1  | CABLE ASSEMBLY DDT                               | 106 | 10     |
| 825190    | WASHER                                                | 62  | 20     | 825191A03 | HOSE KIT Rigging                                 | 102 | -      |
| 826125A1  | TILT TUBE                                             | 66  | 4      | 826134Q   | ANODE                                            | 70  | 4      |
| 826135    | NUT (1.00-14) Nylon Insert                            | 66  | 5      | 826164    | NUT (.875-14)                                    | 66  | 8      |
| 826292    | NUT (M10) Brass/Nickel Plated                         | 34  | 1      | 826292    | NUT (M10) Brass/Nickel Plated                    | 36  | 22     |
| 826365    | NUT (M8)                                              | 36  | 17     | 826432T10 | SWIVEL PIN ASSEMBLY                              | 62  | 22     |

# PARTS INDEX

| Part No.  | Description                                                        | Pg. | Ref.no | Part No.  | Description                                                              | Pg. | Ref.no |
|-----------|--------------------------------------------------------------------|-----|--------|-----------|--------------------------------------------------------------------------|-----|--------|
| 826525A1  | FILLER KIT Steering Helm                                           | 106 | 1      | 826618    | BUSHING                                                                  | 24  | 6      |
| 82671117  | NUT (.500-20)                                                      | 66  | 12     | 8272822   | DECAL Warning                                                            | 14  | 8      |
| 828333A09 | TRANSOM BRACKET KIT                                                | 66  | -      | 828356    | PIN Detent                                                               | 76  | 18     |
| 828356    | PIN Detent                                                         | 80  | 18     | 828356    | PIN Detent                                                               | 84  | 19     |
| 828356    | PIN Detent                                                         | 88  | 19     | 8283582   | SENSOR                                                                   | 46  | 15     |
| 828547353 | CONDUIT (.350 Inside Diameter x 3.00 Feet Bulk) (Cut to 16 Inches) | 62  | 40     | 828991T   | CLIP                                                                     | 18  | 26     |
| 828991T   | CLIP                                                               | 36  | 6      | 830749    | SEAL                                                                     | 70  | 8      |
| 830749    | SEAL                                                               | 76  | 33     | 830749    | SEAL                                                                     | 82  | 33     |
| 830749    | SEAL                                                               | 84  | 35     | 830749    | SEAL                                                                     | 90  | 35     |
| 830749    | SEAL                                                               | 112 | -      | 830749A01 | SEAL KIT Gear Housing                                                    | 72  | -      |
| 830749A01 | SEAL KIT Gear Housing                                              | 78  | -      | 830749A01 | SEAL KIT Gear Housing                                                    | 82  | -      |
| 830749A01 | SEAL KIT Gear Housing                                              | 86  | -      | 830749A01 | SEAL KIT Gear Housing                                                    | 90  | -      |
| 830756109 | HOSE (57.00 Inches Bulk) Cut to 21 Inches                          | 8   | 44     | 830757130 | TUBING (.312) (70.00 Inches Bulk) (Cut to 21 Inches)                     | 56  | 23     |
| 830797A01 | CONNECTOR ASSEMBLY Weather Cap - 2 Pin Female                      | 12  | 44     | 830899    | SPRING Tension                                                           | 66  | 14     |
| 830900    | SPRING Compression                                                 | 66  | 16     | 83155     | ADAPTER KIT Dial Indicator                                               | 108 | 2      |
| 8329692   | FUSE Mini - Gray - 2 Ampere                                        | 10  | 9      | 83296920  | FUSE Mini - Yellow - 20 Ampere                                           | 10  | 9      |
| 833155    | GROMMET                                                            | 10  | 7      | 833155    | GROMMET                                                                  | 12  | 41     |
| 833155    | GROMMET                                                            | 24  | 41     | 834985    | GROMMET                                                                  | 38  | 22     |
| 834985    | GROMMET                                                            | 42  | 22     | 8349851   | GROMMET                                                                  | 24  | 2      |
| 8349851   | GROMMET                                                            | 24  | 27     | 843108    | WASHER (.330 x .560 x .060) Stainless Steel                              | 10  | 14     |
| 845998    | WASHER (.406 x 1.250 x .089)                                       | 16  | 6      | 847803A02 | BUSHING/GASKET KIT                                                       | 28  | 10     |
| 849838    | SCREW (.375-24 x 1.250)                                            | 64  | 42     | 850181    | TIE STRAP (11.750 Inches)                                                | 10  | 12     |
| 850181    | TIE STRAP (11.750 Inches)                                          | 34  | 8      | 850181    | TIE STRAP (11.750 Inches)                                                | 50  | 29     |
| 850181    | TIE STRAP (11.750 Inches)                                          | 50  | 30     | 8502341   | BUSHING                                                                  | 10  | 8      |
| 8502341   | BUSHING                                                            | 12  | 40     | 8502341   | BUSHING                                                                  | 24  | 40     |
| 851889    | O-RING                                                             | 30  | 31     | 851889    | O-RING                                                                   | 30  | 38     |
| 851889    | O-RING Damper                                                      | 32  | 33     | 851889    | O-RING Fuel Injector                                                     | 32  | 34     |
| 852368    | SCREW (#10-24 x .750)                                              | 62  | 32     | 8540101   | HARNESS ASSEMBLY                                                         | 106 | -      |
| 8540111   | PROBE                                                              | 106 | -      | 8540131   | MODULE Interface                                                         | 106 | -      |
| 855362001 | GROMMET                                                            | 18  | 2      | 855362001 | GROMMET                                                                  | 22  | 3      |
| 855364    | BUSHING                                                            | 18  | 3      | 855364    | BUSHING                                                                  | 22  | 4      |
| 855697    | CLAMP                                                              | 100 | 8      | 855729    | MOUNT                                                                    | 16  | 5      |
| 855998A08 | POWER TRIM KIT                                                     | 92  | -      | 856583A09 | CABLE ASSEMBLY                                                           | 16  | 14     |
| 856774    | WASHER (.406 x .750 x .105) Stainless Steel                        | 36  | 23     | 856954    | BUSHING                                                                  | 24  | 28     |
| 856962    | BRACKET Mounting-Starter Motor                                     | 46  | 2      | 856982    | WASHER (.500 x .810 x .090) Stainless Steel                              | 68  | 18     |
| 856983    | STUD (M12 x 52)                                                    | 68  | 17     | 857009    | STUD (M12 x 179)                                                         | 68  | 24     |
| 857137    | SCREW (M12 x 160)                                                  | 68  | 23     | 85716     | PULLER BOLT TOOL Bearing Carrier                                         | 108 | 4      |
| 858414A04 | CABLE ASSEMBLY Brass Braided                                       | 16  | 15     | 858414A05 | CABLE ASSEMBLY Stainless Steel Braided                                   | 16  | 15     |
| 858771    | SCREW (M10 x 30)                                                   | 92  | 30     | 858771    | SCREW (M10 x 30)                                                         | 96  | 20     |
| 858954    | CLIP (.625)                                                        | 50  | 42     | 859376    | CLIP                                                                     | 26  | 42     |
| 85944975  | TUBING (72.00 Inches Bulk) (Cut to 7 Inches)                       | 72  | 45     | 85944975  | TUBING (72.00 Inches Bulk) (Cut to 12 Inches)                            | 72  | 45     |
| 859578A1  | PLUG ASSEMBLY Oil                                                  | 50  | 26     | 85978571  | TUBING (52.00 Inches Bulk) To Water Pressure Sensor (Cut to 21.5 Inches) | 36  | 11     |
| 861415A1  | SEAL KIT                                                           | 72  | 33     | 86226     | NUT (.375-16) Battery Cable-Positive                                     | 12  | 37     |
| 862646    | FUSE Tan - 5 Ampere                                                | 10  | 29     | 863156    | GRAB TAB                                                                 | 38  | 17     |
| 863156    | GRAB TAB                                                           | 42  | 17     | 8710T20   | SWIVEL BRACKET ASSEMBLY Black                                            | 62  | 1      |
| 87698     | SCREW (#10-16 x 1.250) Stainless Steel                             | 104 | 8      | 87698     | SCREW (#10-16 x 1.250) Stainless Steel                                   | 104 | 11     |
| 87735     | SEAL Oil (Lower)                                                   | 62  | 5      | 877613A02 | CONNECTOR ASSEMBLY Weather Cap 6 Pin                                     | 10  | 30     |
| 877767K01 | FILTER Oil                                                         | 38  | 29     | 877767K01 | FILTER Oil                                                               | 42  | 34     |
| 877767K01 | FILTER Oil                                                         | 112 | -      | 878187    | SENSOR ASSEMBLY Knock                                                    | 36  | 3      |
| 878239A1  | GUIDE KIT (Includes Reference #26)                                 | 92  | 12     | 878241A02 | SHAFT KIT                                                                | 92  | 9      |
| 878242A1  | PISTON ASSEMBLY Memory                                             | 92  | 18     | 878243A1  | GUIDE ASSEMBLY                                                           | 92  | 22     |
| 8782451   | DRIVESHAFT                                                         | 92  | 6      | 878264A1  | RESERVOIR KIT                                                            | 92  | 23     |
| 878264A1  | RESERVOIR KIT                                                      | 96  | 14     | 878267    | PIN                                                                      | 92  | 10     |
| 878267    | PIN                                                                | 96  | 8      | 878285    | O-RING                                                                   | 92  | -      |
| 878406A1  | REPAIR KIT Check Valve (Includes Reference #26)                    | 92  | 19     | 878408A1  | REPAIR KIT Power Trim                                                    | 92  | 28     |
| 878408A1  | REPAIR KIT Power Trim                                              | 96  | 19     | 878409A1  | O-RING KIT (Includes Reference #26)                                      | 92  | 13     |
| 878410A1  | PO CHECK KIT                                                       | 92  | 7      | 878413A1  | PISTON ASSEMBLY (Port)                                                   | 92  | 21     |
| 878414A1  | PISTON ASSEMBLY (Starboard)                                        | 92  | 20     | 878584Q1  | ADAPTER                                                                  | 78  | 37     |

# PARTS INDEX

| Part No.  | Description                                                 | Pg. | Ref.no | Part No.  | Description                                                 | Pg. | Ref.no |
|-----------|-------------------------------------------------------------|-----|--------|-----------|-------------------------------------------------------------|-----|--------|
| 878584Q1  | ADAPTER                                                     | 82  | 37     | 878584Q1  | ADAPTER                                                     | 86  | 42     |
| 878584Q1  | ADAPTER                                                     | 90  | 42     | 878609    | SCREW (#10-16 x .600)                                       | 62  | 39     |
| 879148T72 | PANEL AND LATCH ASSEMBLY                                    | 6   | 14     | 879845    | STOP                                                        | 14  | 14     |
| 879885Q   | FILTER Fuel In-Line                                         | 112 | -      | 879885T   | FILTER Fuel                                                 | 58  | 13     |
| 879962    | CLIP                                                        | 10  | 31     | 880504A13 | CYLINDER BLOCK ASSEMBLY                                     | 46  | 1      |
| 880514A02 | CRANKSHAFT ASSEMBLY                                         | 54  | 1      | 880515    | BOLT (M20 x 68)                                             | 54  | 18     |
| 880517    | WASHER                                                      | 54  | 19     | 880524    | PIN Dowel (14 MM)                                           | 46  | 8      |
| 880524    | PIN Dowel (14 MM)                                           | 48  | 6      | 8805251   | SEAL Top Main Bearing                                       | 54  | 4      |
| 8805251   | SEAL Top Main Bearing                                       | 98  | -      | 880533    | SEAT Intake Valve                                           | 48  | 8      |
| 880534A06 | CYLINDER HEAD ASSEMBLY                                      | 48  | 1      | 880534A08 | CYLINDER HEAD ASSEMBLY Complete                             | 48  | -      |
| 880535    | SEAT Exhaust Valve                                          | 48  | 9      | 880537    | GUIDE Intake Exhaust Valve Intake and Exhaust Valves        | 48  | 10     |
| 880542A1  | RETAINER ASSEMBLY Valves                                    | 48  | 15     | 880543    | KEY                                                         | 48  | 16     |
| 880550    | SPROCKET Cam Drive                                          | 50  | 44     | 880553A07 | COVER ASSEMBLY Cam                                          | 50  | 22     |
| 880553T04 | COVER ASSEMBLY Cam                                          | 50  | 22     | 880553T06 | COVER Cam                                                   | 50  | -      |
| 880557    | GUIDE Moveable                                              | 46  | 26     | 880558    | GUIDE Short                                                 | 50  | 28     |
| 880559    | GUIDE Fixed                                                 | 46  | 25     | 880566014 | BELT Drive                                                  | 16  | 10     |
| 880566Q14 | BELT Drive                                                  | 112 | -      | 880596502 | SEAL                                                        | 22  | 17     |
| 880596503 | REGULATOR With O-Rings                                      | 22  | 7      | 880596509 | ISOLATOR                                                    | 22  | 16     |
| 880596510 | SEAL                                                        | 22  | 14     | 880596511 | HOSE                                                        | 22  | 9      |
| 880596512 | CLAMP                                                       | 22  | 8      | 880596513 | SCREW                                                       | 22  | 6      |
| 880596515 | CLIP                                                        | 22  | 2      | 880596516 | PLUG                                                        | 22  | 19     |
| 880596517 | O-RING                                                      | 22  | 20     | 880596520 | HARNES ASSEMBLY                                             | 22  | 1      |
| 880596524 | FLOAT                                                       | 22  | 10     | 880596525 | CUSHION                                                     | 22  | 12     |
| 880596A03 | REPAIR KIT Seal                                             | 22  | -      | 880596T08 | MODULE Fuel Supply                                          | 22  | -      |
| 880596T50 | COVER KIT                                                   | 22  | 5      | 880596T51 | HOUSING ASSEMBLY                                            | 22  | 18     |
| 880596T58 | PUMP KIT Fuel - Lift                                        | 22  | 15     | 880596T60 | PUMP ASSEMBLY Fuel - High Pressure                          | 22  | 11     |
| 880597A01 | HOSE ASSEMBLY Fuel Inlet                                    | 38  | 27     | 880609    | SENSOR ASSEMBLY                                             | 52  | 50     |
| 880615T01 | COIL ASSEMBLY                                               | 50  | 39     | 880629    | SEAL Exhaust Tube                                           | 60  | 16     |
| 880629    | SEAL Exhaust Tube                                           | 98  | -      | 880640500 | GASKET                                                      | 38  | 32     |
| 880640500 | GASKET                                                      | 38  | 36     | 880640508 | THERMOSTAT                                                  | 38  | 34     |
| 880640A05 | HOUSING ASSEMBLY Intergrated Oil Module                     | 38  | 30     | 880640A06 | THERMOSTAT/GUIDE KIT                                        | 38  | 33     |
| 880640A09 | O-RING KIT                                                  | 38  | 37     | 880647T02 | SPACER                                                      | 68  | 22     |
| 880686T23 | GEAR HOUSING ASSEMBLY Complete                              | 70  | -      | 880686T23 | GEAR HOUSING ASSEMBLY Complete                              | 76  | -      |
| 880686T23 | GEAR HOUSING ASSEMBLY Complete                              | 80  | -      | 880686T24 | GEAR HOUSING ASSEMBLY Complete                              | 70  | -      |
| 880686T24 | GEAR HOUSING ASSEMBLY Complete                              | 76  | -      | 880686T24 | GEAR HOUSING ASSEMBLY Complete                              | 80  | -      |
| 880686T25 | GEAR HOUSING ASSEMBLY Complete                              | 70  | -      | 880686T25 | GEAR HOUSING ASSEMBLY Complete                              | 84  | -      |
| 880686T25 | GEAR HOUSING ASSEMBLY Complete                              | 88  | -      | 880686T28 | GEAR HOUSING ASSEMBLY Complete                              | 70  | -      |
| 880686T28 | GEAR HOUSING ASSEMBLY Complete                              | 84  | -      | 880686T28 | GEAR HOUSING ASSEMBLY Complete                              | 88  | -      |
| 880687T01 | GEAR HOUSING ASSEMBLY Basic Used With 5/16 Inch Shift Crank | 70  | 1      | 880687T01 | GEAR HOUSING ASSEMBLY Basic Used With 5/16 Inch Shift Crank | 76  | 1      |
| 880687T01 | GEAR HOUSING ASSEMBLY Basic Used With 5/16 Inch Shift Crank | 84  | 1      | 880696A08 | CARRIER ASSEMBLY Bearing                                    | 76  | 24     |
| 880696A10 | CARRIER ASSEMBLY Bearing                                    | 84  | 24     | 880697    | KEYED WASHER                                                | 76  | 34     |
| 880697    | KEYED WASHER                                                | 82  | 34     | 880697    | KEYED WASHER                                                | 86  | 38     |
| 880697    | KEYED WASHER                                                | 90  | 38     | 880699    | THRUST RING                                                 | 76  | 22     |
| 880699    | THRUST RING                                                 | 80  | 22     | 880699    | THRUST RING                                                 | 84  | 22     |
| 880699    | THRUST RING                                                 | 88  | 22     | 880703A1  | COVER ASSEMBLY                                              | 70  | 12     |
| 880709A02 | GEAR ASSEMBLY Forward                                       | 76  | 8      | 880709A02 | GEAR ASSEMBLY Forward                                       | 80  | 8      |
| 880710A02 | GEAR ASSEMBLY Reverse                                       | 76  | 21     | 880710A02 | GEAR ASSEMBLY Reverse                                       | 80  | 21     |
| 880714T   | CLUTCH                                                      | 76  | 16     | 880714T   | CLUTCH                                                      | 80  | 16     |
| 880714T   | CLUTCH                                                      | 84  | 17     | 880714T   | CLUTCH                                                      | 88  | 17     |
| 880717A01 | SCREW/SEAL KIT                                              | 76  | 32     | 880717A01 | SCREW/SEAL KIT                                              | 82  | 32     |
| 880717A01 | SCREW/SEAL KIT                                              | 84  | 34     | 880717A01 | SCREW/SEAL KIT                                              | 90  | 34     |
| 880717A01 | SCREW/SEAL KIT Gearcase                                     | 102 | -      | 880719    | RING Retaining                                              | 72  | 37     |
| 880728    | ADAPTER Bearing                                             | 84  | 27     | 880728    | ADAPTER Bearing                                             | 90  | 28     |
| 880729    | GASKET                                                      | 70  | 18     | 88075020  | SCREW (M3 x 20)                                             | 18  | 38     |
| 880805A1  | GEAR KIT                                                    | 14  | 3      | 881150K1  | SEAL KIT Flush - Dual Water Pickup                          | 102 | -      |
| 881150Q1  | FLUSH KIT Dual Water Pick Up                                | 102 | -      | 881180A02 | RING SET Piston                                             | 54  | 12     |
| 881204003 | TECHNICAL MANUAL Digital Terminal Reference                 | 106 | 8      | 881210T02 | CONNECTING ROD ASSEMBLY                                     | 54  | 8      |
| 881833A03 | GAUGE KIT Air/Fuel Pressure                                 | 106 | -      | 881834A1  | GAUGE                                                       | 106 | 12     |
| 881866    | FITTING                                                     | 70  | 11     | 881879A16 | SENSOR ASSEMBLY Pitot                                       | 26  | 49     |

# PARTS INDEX

| Part No.  | Description                                              | Pg. | Ref.no | Part No.  | Description                                                           | Pg. | Ref.no |
|-----------|----------------------------------------------------------|-----|--------|-----------|-----------------------------------------------------------------------|-----|--------|
| 881879A20 | SENSOR ASSEMBLY Pressure Water                           | 36  | 13     | 88238A10  | CABLE ASSEMBLY Ground                                                 | 62  | 15     |
| 88238T22  | CABLE ASSEMBLY                                           | 62  | 36     | 882751A04 | RELAY ASSEMBLY                                                        | 10  | 20     |
| 883066    | CLIP (.865)                                              | 26  | 51     | 883066    | CLIP (.865)                                                           | 36  | 15     |
| 88334A2   | MERCATHODE KIT                                           | 102 | -      | 88334A2   | MERCATHODE KIT                                                        | 104 | 1      |
| 884323T01 | BEARING ASSEMBLY Roller                                  | 76  | 10     | 884323T01 | BEARING ASSEMBLY Roller                                               | 80  | 10     |
| 884323T01 | BEARING ASSEMBLY Roller                                  | 84  | 9      | 884323T01 | BEARING ASSEMBLY Roller                                               | 88  | 9      |
| 884325T01 | BEARING ASSEMBLY Roller-Tapered                          | 76  | 14     | 884325T01 | BEARING ASSEMBLY Roller-Tapered                                       | 80  | 14     |
| 884325T01 | BEARING ASSEMBLY Roller-Tapered                          | 84  | 13     | 884325T01 | BEARING ASSEMBLY Roller-Tapered                                       | 88  | 13     |
| 884327A02 | SHIM/BEARING ASSEMBLY                                    | 70  | 25     | 884328A01 | SHIM SET                                                              | 76  | 9      |
| 884328A01 | SHIM SET                                                 | 80  | 9      | 884328A01 | SHIM SET                                                              | 84  | 15     |
| 884328A01 | SHIM SET                                                 | 88  | 15     | 884329T   | BEARING Ball                                                          | 76  | 26     |
| 884329T   | BEARING Ball                                             | 82  | 26     | 884330T01 | BEARING ASSEMBLY Tapered                                              | 76  | 28     |
| 884330T01 | BEARING ASSEMBLY Tapered                                 | 82  | 28     | 884330T01 | BEARING ASSEMBLY Tapered                                              | 84  | 30     |
| 884330T01 | BEARING ASSEMBLY Tapered                                 | 90  | 30     | 884335A01 | GEAR ASSEMBLY Forward                                                 | 84  | 21     |
| 884335A01 | GEAR ASSEMBLY Forward                                    | 88  | 21     | 884337A02 | GEAR ASSEMBLY Reverse                                                 | 84  | 8      |
| 884337A02 | GEAR ASSEMBLY Reverse                                    | 88  | 8      | 884353    | BRACKET                                                               | 24  | 24     |
| 88439A25  | CABLE ASSEMBLY Battery - Positive                        | 12  | 35     | 88439A26  | CABLE ASSEMBLY Battery - Negative                                     | 12  | 38     |
| 88439A50  | CABLE SET Battery                                        | 102 | -      | 884403    | SCREW (M12 x 40) (Left Hand)                                          | 50  | 45     |
| 884408A07 | VALVE KIT Control - Electric Boost                       | 24  | 36     | 884409    | O-RING                                                                | 46  | 9      |
| 884409    | O-RING Cylinder Block Dowl Pin                           | 98  | -      | 884412    | NUT                                                                   | 36  | 24     |
| 884423    | O-RING                                                   | 46  | 11     | 884423    | O-RING Cylinder Block Dowl Pin                                        | 98  | -      |
| 884424    | PIN Dowel (11 mm)                                        | 46  | 10     | 884441    | BOLT                                                                  | 54  | 9      |
| 884461    | SEAL Oil                                                 | 56  | 6      | 884461    | SEAL Oil Adaptor Plate                                                | 98  | -      |
| 884462    | SEAL Water                                               | 56  | 7      | 884462    | SEAL Water Water-Adaptor Plate                                        | 98  | -      |
| 884532001 | BUSHING                                                  | 18  | 5      | 884545A02 | CANISTER ASSEMBLY                                                     | 58  | 16     |
| 884546    | GROMMET                                                  | 58  | 2      | 884546    | GROMMET                                                               | 58  | 4      |
| 884546    | GROMMET                                                  | 58  | 6      | 884546    | GROMMET                                                               | 58  | 9      |
| 884554    | BUSHING                                                  | 18  | 12     | 884555    | BUSHING                                                               | 18  | 22     |
| 884599    | SPACER                                                   | 18  | 17     | 885342002 | SENSOR ASSEMBLY                                                       | 28  | 6      |
| 885348    | CAP Flywheel Bolt                                        | 54  | 6      | 885349500 | PULLEY                                                                | 16  | 3      |
| 885349501 | SCREW                                                    | 16  | 4      | 885349T05 | BELT TENSIONER                                                        | 16  | 2      |
| 88535303S | BRACKET Alternator                                       | 16  | 8      | 885361A01 | FITTING ASSEMBLY Flush                                                | 6   | 33     |
| 885517A05 | FITTING ASSEMBLY                                         | 36  | 18     | 885518A02 | FITTING ASSEMBLY                                                      | 38  | 2      |
| 885518A02 | FITTING ASSEMBLY                                         | 42  | 2      | 88552512  | SCREW (M6 x 12 MM) Stainless Steel                                    | 50  | 46     |
| 88552512  | SCREW (M6 x 12 MM) Stainless Steel                       | 52  | 49     | 88552512  | SCREW (M6 x 12 MM) Stainless Steel                                    | 56  | 20     |
| 88552516  | SCREW (M6 x 16 MM) Stainless Steel                       | 6   | 23     | 88552516  | SCREW (M6 x 16 MM) Stainless Steel                                    | 16  | 16     |
| 88552516  | SCREW (M6 x 16 MM) Stainless Steel Fuel Rail to Manifold | 32  | 14     | 88552516  | SCREW (M6 x 16 MM) Stainless Steel CAC to Manifold                    | 32  | 14     |
| 88552516  | SCREW (M6 x 16 MM) Stainless Steel                       | 38  | 4      | 88552516  | SCREW (M6 x 16 MM) Stainless Steel                                    | 42  | 4      |
| 88552516  | SCREW (M6 x 16 MM) Stainless Steel                       | 52  | 51     | 88552516  | SCREW (M6 x 16 MM) Stainless Steel                                    | 56  | 17     |
| 88552516  | SCREW (M6 x 16 MM) Stainless Steel                       | 56  | 27     | 88552520  | SCREW (M6 x 20 MM) Stainless Steel                                    | 24  | 39     |
| 88552520  | SCREW (M6 x 20 MM) Stainless Steel                       | 62  | 28     | 88552525  | SCREW (M6 x 25 MM) Stainless Steel                                    | 6   | 22     |
| 88552525  | SCREW (M6 x 25 MM) Stainless Steel                       | 26  | 52     | 88552525  | SCREW (M6 x 25 MM) Stainless Steel Manifold to CAC                    | 32  | 15     |
| 88552525  | SCREW (M6 x 25 MM) Stainless Steel                       | 40  | 41     | 88552525  | SCREW (M6 x 25 MM) Stainless Steel                                    | 44  | 47     |
| 88552525  | SCREW (M6 x 25 MM) Stainless Steel                       | 50  | 35     | 88552525  | SCREW (M6 x 25 MM) Stainless Steel                                    | 50  | 40     |
| 88552525  | SCREW (M6 x 25 MM) Stainless Steel                       | 50  | 43     | 88552525  | SCREW (M6 x 25 MM) Stainless Steel                                    | 60  | 3      |
| 88552530  | SCREW (M6 x 30 MM) Stainless Steel                       | 24  | 17     | 88552530  | SCREW (M6 x 30 MM) Stainless Steel                                    | 60  | 18     |
| 88552535  | SCREW (M6 x 35 MM) Stainless Steel                       | 56  | 11     | 88552535  | SCREW (M6 x 35 MM) Stainless Steel                                    | 60  | 14     |
| 88552540  | SCREW (M6 x 40 MM) Stainless Steel                       | 50  | 36     | 88552545  | SCREW (M6 x 45 MM) Stainless Steel                                    | 56  | 10     |
| 88552550  | SCREW (M6 x 50 MM) Stainless Steel                       | 24  | 23     | 88552585  | SCREW (M6 x 85 MM) Stainless Steel (Included with Cam Cover Assembly) | 52  | 52     |
| 885526120 | SCREW (M8 x 120)                                         | 68  | 6      | 88552635  | SCREW (M8 x 35 MM)                                                    | 10  | 33     |
| 88552635  | SCREW (M8 x 35 MM)                                       | 12  | 43     | 88552635  | SCREW (M8 x 35 MM)                                                    | 26  | 43     |
| 88552635  | SCREW (M8 x 35 MM)                                       | 46  | 29     | 88552635  | SCREW (M8 x 35 MM)                                                    | 60  | 15     |
| 88552635  | SCREW (M8 x 35 MM)                                       | 68  | 9      | 88552635  | SCREW (M8 x 35 MM)                                                    | 68  | 15     |
| 88552640  | SCREW (M8 x 40)                                          | 46  | 3      | 88552640  | SCREW (M8 x 40)                                                       | 68  | 8      |
| 88552650  | SCREW (M8 x 50)                                          | 68  | 7      | 88552650  | SCREW (M8 x 50)                                                       | 68  | 13     |
| 88552660  | SCREW (M8 x 60)                                          | 18  | 10     | 88552660  | SCREW (M8 x 60)                                                       | 50  | 31     |
| 88552675  | SCREW (M8 x 75)                                          | 46  | 30     | 88552675  | SCREW (M8 x 75)                                                       | 68  | 5      |
| 885527105 | SCREW (M10 x 105)                                        | 28  | 11     | 885527105 | SCREW (M10 x 105)                                                     | 38  | 26     |
| 885527105 | SCREW (M10 x 105)                                        | 42  | 26     | 88552730  | SCREW (M10 x 30)                                                      | 34  | 11     |

# PARTS INDEX

| Part No.  | Description                                    | Pg. | Ref.no | Part No.  | Description                                   | Pg. | Ref.no |
|-----------|------------------------------------------------|-----|--------|-----------|-----------------------------------------------|-----|--------|
| 88552740  | SCREW (M10 x 40)                               | 68  | 12     | 88552745  | SCREW (M10 x 45)                              | 16  | 7      |
| 88552765  | SCREW (M10 x 65)                               | 34  | 12     | 88552785  | SCREW (M10 x 85)                              | 16  | 11     |
| 88552785  | SCREW (M10 x 85)                               | 38  | 25     | 88552785  | SCREW (M10 x 85)                              | 42  | 25     |
| 88552835  | SCREW (M12 x 35 MM)                            | 68  | 20     | 885544002 | HOSE                                          | 36  | 8      |
| 885548002 | SENSOR                                         | 30  | 18     | 885569    | SPLIT RING                                    | 18  | 15     |
| 885583    | SEAL                                           | 10  | 4      | 886638    | ELEMENT Fuel Filter                           | 100 | 2      |
| 88750     | WASHER                                         | 66  | 7      | 887901    | BUSHING                                       | 18  | 25     |
| 887938003 | TUBE Rear                                      | 26  | 47     | 887939007 | PLATE Boost Valve Mounting                    | 24  | 37     |
| 887987A1  | COUPLING                                       | 60  | 24     | 88807A6   | CABLE ASSEMBLY (3.50 Inches) Black            | 18  | 18     |
| 888416T03 | HARNESS ASSEMBLY                               | 10  | 28     | 888462A1  | PULLER ASSEMBLY Cable                         | 106 | 17     |
| 888483    | SEAL Oil                                       | 76  | 27     | 888483    | SEAL Oil                                      | 82  | 27     |
| 888483    | SEAL Oil                                       | 84  | 33     | 888483    | SEAL Oil                                      | 90  | 33     |
| 888491    | COVER                                          | 10  | 3      | 888523001 | CLIP                                          | 58  | 7      |
| 888530    | PROPELLER SHAFT                                | 76  | 19     | 888530    | PROPELLER SHAFT                               | 84  | 20     |
| 888589    | WEAR SLEEVE                                    | 18  | 9      | 888592005 | PLUG ASSEMBLY Oil Drain                       | 60  | 19     |
| 888593    | SEAL                                           | 60  | 20     | 888593    | SEAL Oil Sump Plug                            | 98  | -      |
| 888593    | SEAL                                           | 112 | -      | 888819002 | DRAIN Cowl                                    | 6   | 8      |
| 888819002 | DRAIN Cowl                                     | 6   | 12     | 888819002 | DRAIN Cowl                                    | 56  | 14     |
| 888849003 | STUD (M8 x 1.5)                                | 46  | 31     | 888913A01 | POPPET ASSEMBLY                               | 60  | 6      |
| 888930003 | HOSE                                           | 38  | 6      | 888930003 | HOSE                                          | 42  | 6      |
| 888947501 | GASKET                                         | 28  | 9      | 888947502 | BOLT                                          | 28  | 5      |
| 888947504 | GASKET                                         | 28  | 4      | 888950020 | SCREW (M4 x 20 mm)                            | 4   | 3      |
| 888950020 | SCREW (M4 x 20 mm)                             | 6   | 4      | 888957    | O-RING                                        | 6   | 35     |
| 888958001 | PLUG Flush Port                                | 6   | 34     | 888988001 | CLAMP (36.1 mm)                               | 30  | 21     |
| 888988001 | CLAMP (36.1 mm)                                | 32  | 19     | 888988001 | CLAMP (36.1 mm)                               | 38  | 10     |
| 888988001 | CLAMP (36.1 mm)                                | 42  | 10     | 888988001 | CLAMP (36.1 mm)                               | 112 | -      |
| 888988002 | CLAMP (57.5 mm) Front Electronic Boost Control | 26  | 46     | 888988004 | CLAMP (62.0 mm) Rear Electronic Boost Control | 26  | 48     |
| 888988007 | CLAMP (42.5 mm)                                | 38  | 12     | 888988007 | CLAMP (42.5 mm)                               | 42  | 12     |
| 888988008 | CLAMP (34.6 MM)                                | 34  | 6      | 888988008 | CLAMP (34.6 MM)                               | 34  | 9      |
| 888988008 | CLAMP (34.6 MM)                                | 36  | 7      | 888988008 | CLAMP (34.6 MM)                               | 38  | 7      |
| 888988008 | CLAMP (34.6 MM)                                | 42  | 7      | 888988011 | CLAMP (38.1 MM)                               | 38  | 5      |
| 888988011 | CLAMP (38.1 MM)                                | 42  | 5      | 888988015 | CLAMP (15.7 mm) Map Sensor to Boot            | 30  | 19     |
| 888988015 | CLAMP (15.7 mm)                                | 32  | 17     | 888988019 | CLAMP (22.6 mm)                               | 50  | 48     |
| 888988020 | CLAMP Oetiker                                  | 24  | 12     | 888988021 | CLAMP Oetiker                                 | 24  | 13     |
| 888988026 | CLAMP                                          | 24  | 29     | 888988027 | CLAMP                                         | 24  | 30     |
| 888997001 | STUD                                           | 36  | 2      | 889246Q39 | SPARK PLUG NGK-ILFR6GE                        | 112 | -      |
| 889283A01 | TOOL KIT Fuel Priming                          | 22  | -      | 889283A01 | TOOL KIT Fuel Priming                         | 108 | -      |
| 889514A01 | SWITCH                                         | 18  | 37     | 889531    | STRAP                                         | 10  | 5      |
| 889532    | BRACKET                                        | 10  | 22     | 889561    | GASKET Poppet                                 | 60  | 13     |
| 889561    | GASKET Poppet                                  | 98  | -      | 889568001 | GROMMET                                       | 68  | 3      |
| 889592001 | HOSE                                           | 34  | 5      | 889633A04 | FITTING ASSEMBLY Flushing                     | 34  | 4      |
| 889656T01 | SHROUD                                         | 68  | 4      | 889661    | WASHER Rubber                                 | 18  | 8      |
| 889691    | CLAMP Oetiker                                  | 24  | 35     | 889706    | WASHER                                        | 60  | 10     |
| 889746001 | CLIP                                           | 50  | 47     | 889767    | PLUG (12 mm)                                  | 46  | 4      |
| 889767    | PLUG (12 mm)                                   | 48  | 2      | 889823001 | TETHER Flush Plug                             | 6   | 36     |
| 889828    | O-RING (.924 x .103)                           | 8   | 42     | 891520001 | CLIP                                          | 10  | 18     |
| 891663001 | SENSOR ASSEMBLY Temperature                    | 30  | 12     | 891663001 | SENSOR ASSEMBLY Temperature                   | 32  | 11     |
| 891919001 | SPACER Thrust                                  | 76  | 23     | 891919001 | SPACER Thrust                                 | 86  | 37     |
| 891936A01 | SHIM SET                                       | 76  | 25     | 891936A01 | SHIM SET                                      | 84  | 29     |
| 891953    | PLUG (18 mm)                                   | 42  | 30     | 891953    | PLUG (18 mm)                                  | 46  | 7      |
| 891953    | PLUG (18 mm)                                   | 48  | 3      | 892005A01 | BEARING Connecting Rod - Blue                 | 54  | 10     |
| 892005A02 | BEARING Connecting Rod - White                 | 54  | 10     | 892005A03 | BEARING Connecting Rod - Orange               | 54  | 10     |
| 892073002 | SHOULDER SCREW (M6)                            | 6   | 25     | 892073002 | SHOULDER SCREW (M6)                           | 8   | 41     |
| 892073002 | SHOULDER SCREW (M6)                            | 8   | 52     | 892077    | O-RING                                        | 36  | 19     |
| 892077    | O-RING Fitting Assembly                        | 98  | -      | 892079    | O-RING                                        | 24  | 38     |
| 892086035 | SCREW (M10 x 35)                               | 36  | 4      | 892086120 | SCREW (M10 x 120)                             | 46  | 28     |
| 892117    | SEAL                                           | 56  | 26     | 892137T03 | HARNESS ASSEMBLY Fuse                         | 10  | 25     |
| 892147A01 | BRACKET ASSEMBLY                               | 38  | 19     | 892147A01 | BRACKET ASSEMBLY                              | 42  | 19     |
| 892228    | PIN Dowel                                      | 56  | 2      | 892242T   | FILTER ASSEMBLY Fuel                          | 38  | 13     |
| 892242T   | FILTER ASSEMBLY Fuel                           | 42  | 13     | 892244    | STRAP Cover                                   | 10  | 10     |
| 892251A01 | PUMP KIT                                       | 92  | 27     | 892309T01 | BEARING Thrust - Green Crankshaft-Lower       | 54  | 3      |

# PARTS INDEX

| Part No.  | Description                                 | Pg. | Ref.no | Part No.  | Description                                                     | Pg. | Ref.no |
|-----------|---------------------------------------------|-----|--------|-----------|-----------------------------------------------------------------|-----|--------|
| 892309T02 | BEARING Thrust - Navy Blue Crankshaft-Lower | 54  | 3      | 892309T03 | BEARING Thrust - White Crankshaft-Lower                         | 54  | 3      |
| 892309T04 | BEARING Thrust - Orange Crankshaft-Lower    | 54  | 3      | 892317001 | O-RING                                                          | 30  | 13     |
| 892317001 | O-RING                                      | 32  | 13     | 892339T01 | STARTER MOTOR ASSEMBLY                                          | 14  | 1      |
| 892356    | CONNECTOR                                   | 38  | 16     | 892356    | CONNECTOR                                                       | 42  | 16     |
| 892383T51 | INTAKE ASSEMBLY Lower                       | 24  | 26     | 892403    | FITTING                                                         | 26  | 50     |
| 892403    | FITTING                                     | 36  | 14     | 892404A05 | DEFLECTOR ASSEMBLY Water                                        | 38  | 1      |
| 892404A05 | DEFLECTOR ASSEMBLY Water                    | 42  | 1      | 892445    | O-RING                                                          | 60  | 23     |
| 892445    | O-RING Water Tube                           | 98  | -      | 892446    | O-RING (14 X 1.78 MM)                                           | 56  | 12     |
| 892448    | CLIP                                        | 10  | 11     | 892454030 | SCREW (M6 x 30)                                                 | 50  | 21     |
| 892454035 | BOLT (M6 x 36)                              | 48  | 7      | 892456045 | SCREW                                                           | 46  | 27     |
| 892486K08 | CONVERSION KIT Analog                       | 102 | -      | 892562T01 | HOUSING Manifold                                                | 56  | 25     |
| 892565A08 | DECAL SET (Generic)                         | 4   | -      | 892573001 | WASHER                                                          | 46  | 13     |
| 892579A06 | HARNESS ASSEMBLY Engine                     | 10  | 27     | 892584    | SEAL                                                            | 50  | 23     |
| 892647A01 | MULTI-METER KIT DMT                         | 106 | 5      | 892647A01 | MULTI-METER KIT DMT                                             | 106 | 6      |
| 892651A01 | PRESSURE METER Digital                      | 106 | 13     | 892651A01 | PRESSURE METER Digital                                          | 108 | 6      |
| 892801T01 | COOLER ASSEMBLY Oil                         | 38  | 28     | 892801T53 | OVERHAUL KIT                                                    | 38  | 35     |
| 892805    | THRUST WASHER                               | 76  | 13     | 892805    | THRUST WASHER                                                   | 80  | 13     |
| 892805    | THRUST WASHER                               | 84  | 12     | 892805    | THRUST WASHER                                                   | 88  | 12     |
| 892807T05 | SUPERCHARGER                                | 28  | 1      | 892812A03 | HOSE ASSEMBLY Breather                                          | 50  | 38     |
| 892818    | ADAPTER                                     | 84  | 36     | 892818    | ADAPTER                                                         | 90  | 36     |
| 892833    | CLIP                                        | 50  | 37     | 892862T02 | CAMSHAFT ASSEMBLY Exhaust                                       | 48  | 19     |
| 892864T04 | THERMOSTAT ASSEMBLY                         | 38  | 8      | 892864T04 | THERMOSTAT ASSEMBLY                                             | 42  | 8      |
| 892864T04 | THERMOSTAT ASSEMBLY                         | 112 | -      | 892870003 | DECAL Rear                                                      | 4   | -      |
| 892870004 | DECAL Rear                                  | 4   | -      | 892870005 | DECAL Rear                                                      | 4   | -      |
| 892870A01 | DECAL SET Port And Starboard                | 4   | -      | 892870A08 | DECAL SET (Generic)                                             | 4   | -      |
| 892893    | SEAL                                        | 50  | 24     | 892894T05 | PUMP ASSEMBLY Oil                                               | 56  | 9      |
| 892920T03 | FLYWHEEL ASSEMBLY                           | 54  | 17     | 892940T01 | ALTERNATOR                                                      | 16  | 1      |
| 892947001 | HOSE                                        | 26  | 45     | 892949T02 | CONTROL ASSEMBLY Throttle - Electronic                          | 24  | 20     |
| 892950T02 | ISOLATOR                                    | 24  | 21     | 892952500 | BOOT                                                            | 30  | 20     |
| 892952T03 | IAFM ASSEMBLY                               | 30  | -      | 892952T05 | MODULE ASSEMBLY Intergrated Air/Fuel                            | 30  | -      |
| 892953A01 | CAC ASSEMBLY                                | 30  | 1      | 892954A01 | MANIFOLD ASSEMBLY Intake                                        | 30  | 15     |
| 89302     | WASHER (.203 x .406 x .040)                 | 62  | 34     | 893338    | END CAP Tensioner                                               | 50  | 34     |
| 893342    | CLAMP                                       | 24  | 14     | 893384001 | COVER Poppet                                                    | 60  | 12     |
| 893385001 | RETAINER                                    | 60  | 8      | 893388A02 | CAP Resistor - 2 Pin, 20K Ohm                                   | 36  | 25     |
| 893392001 | DAMPER                                      | 46  | 6      | 893709    | PIN                                                             | 66  | 19     |
| 895020    | SEAL                                        | 30  | 17     | 895020    | SEAL Manifold Head                                              | 32  | 10     |
| 895024    | BRACKET                                     | 30  | 28     | 895025    | DAMPER                                                          | 30  | 30     |
| 895026    | BRACKET                                     | 30  | 26     | 895027    | BRACKET                                                         | 30  | 35     |
| 895028A01 | VALVE Schrader                              | 30  | 24     | 895029A01 | TUBE KIT Fuel Inlet                                             | 30  | 32     |
| 895032    | STRAP                                       | 38  | 38     | 895034    | FITTING                                                         | 30  | 9      |
| 895040K01 | PRIMER KIT Power Steering Module            | 108 | 9      | 895051    | SCREW (M5 x 10)                                                 | 30  | 27     |
| 895051    | SCREW (M5 x 10)                             | 30  | 29     | 895051    | SCREW (M5 x 10)                                                 | 30  | 36     |
| 895052    | SCREW (M6 x 25 MM)                          | 30  | 22     | 895053    | SCREW (M6 x 15)                                                 | 30  | 11     |
| 895054    | SCREW (M4 x 16 MM)                          | 30  | 14     | 895054    | SCREW (M4 x 16 MM)                                              | 32  | 12     |
| 895055    | WASHER                                      | 30  | 33     | 895056    | O-RING                                                          | 30  | 25     |
| 895057    | O-RING                                      | 30  | 34     | 895099    | EXTRACTOR Fuse                                                  | 10  | 6      |
| 895225    | PLUG                                        | 106 | -      | 895226    | FUSE 5 Ampere                                                   | 106 | -      |
| 895227    | FUSE 10 Ampere                              | 106 | -      | 895305T01 | HOUSING Driveshaft                                              | 68  | 1      |
| 895316    | ADAPTER                                     | 6   | 29     | 895336    | SCREW (M6 x 18)                                                 | 38  | 31     |
| 895336    | SCREW (M6 x 18)                             | 38  | 39     | 895343T02 | TOOL Flywheel Puller                                            | 106 | 4      |
| 895346    | BOLT                                        | 106 | -      | 895736    | PIN                                                             | 18  | 14     |
| 895737    | BELL CRANK                                  | 18  | 13     | 895739T   | BRACKET Shift                                                   | 18  | 1      |
| 895742    | SHIFT LINK                                  | 18  | 31     | 895797001 | FITTING                                                         | 8   | 43     |
| 895810050 | SCREW (M8 x 50)                             | 46  | 23     | 895810115 | SCREW (M8 x 115)                                                | 46  | 22     |
| 895821T   | SUMP ASSEMBLY Oil                           | 60  | 17     | 895822    | GASKET Oil Sump                                                 | 60  | 4      |
| 895822    | GASKET Oil Sump                             | 98  | -      | 895825T01 | TUBE ASSEMBLY Exhaust                                           | 60  | 5      |
| 895827    | GASKET                                      | 68  | 16     | 895835    | DRIVESHAFT                                                      | 70  | 24     |
| 895836    | DRIVESHAFT                                  | 70  | 24     | 895844T09 | TOP COWL ASSEMBLY Mercury Includes all decals except HorsePower | 4   | 1      |
| 895844T10 | TOP COWL ASSEMBLY Mariner                   | 4   | 1      | 895845T   | CAP Air Dam                                                     | 4   | 2      |
| 895845T01 | CAP Air Dam                                 | 4   | 2      | 895846A04 | PAN ASSEMBLY Port                                               | 6   | 1      |



# PARTS INDEX

| Part No.  | Description                                 | Pg. | Ref.no | Part No.  | Description                               | Pg. | Ref.no |
|-----------|---------------------------------------------|-----|--------|-----------|-------------------------------------------|-----|--------|
| 895846A08 | PAN ASSEMBLY Port and Starboard             | 6   | -      | 895846T07 | PAN ASSEMBLY Port and Starboard           | 6   | -      |
| 895847A05 | PAN ASSEMBLY Starboard                      | 6   | 9      | 895851    | CLAMP (8.00 Inches)                       | 8   | 45     |
| 896054T01 | CHAP ASSEMBLY Port                          | 8   | 48     | 896055T01 | CHAP ASSEMBLY Starboard                   | 8   | 50     |
| 896059001 | HOSE Thermostat                             | 38  | 11     | 896059001 | HOSE Thermostat                           | 42  | 11     |
| 896094A01 | FITTING ASSEMBLY                            | 36  | 9      | 896095C01 | CLAMP Lower Mount                         | 68  | 14     |
| 896107A01 | TUBE ASSEMBLY Water                         | 60  | 22     | 896107A02 | TUBE ASSEMBLY Water                       | 60  | 22     |
| 896142    | GASKET Block to Adapter                     | 46  | 24     | 896142    | GASKET Block to Adaptor                   | 98  | -      |
| 896142A06 | GASKET SET Powerhead                        | 36  | -      | 896142A06 | GASKET SET Powerhead                      | 40  | -      |
| 896142A06 | GASKET SET Powerhead                        | 44  | -      | 896142A06 | GASKET SET Powerhead                      | 46  | -      |
| 896142A06 | GASKET SET Powerhead                        | 52  | -      | 896142A06 | GASKET SET Powerhead                      | 54  | -      |
| 896142A06 | GASKET SET Powerhead                        | 56  | -      | 896142A06 | GASKET SET Powerhead                      | 60  | -      |
| 896142A06 | GASKET SET Powerhead                        | 98  | -      | 896148    | STUD (M10 x 175)                          | 36  | 1      |
| 896210004 | BRACKET                                     | 68  | 11     | 896212    | RAIL SHIFT SLIDE                          | 18  | 19     |
| 896217    | BOLT (M14 x 175)                            | 62  | 14     | 896230T01 | BOX ASSEMBLY Electrical                   | 10  | 1      |
| 896233A01 | DRIVE SLEEVE ASSEMBLY                       | 76  | 36     | 896233A01 | DRIVE SLEEVE ASSEMBLY                     | 82  | 36     |
| 896233A01 | DRIVE SLEEVE ASSEMBLY                       | 86  | 41     | 896233A01 | DRIVE SLEEVE ASSEMBLY                     | 90  | 41     |
| 896241    | TUBE Oil Pickup                             | 60  | 1      | 896242    | SEAL                                      | 60  | 21     |
| 896244    | COUPLER                                     | 24  | 32     | 896245001 | DUCT Inlet                                | 24  | 31     |
| 896246A04 | INTAKE ASSEMBLY Upper                       | 24  | 1      | 896247    | FILTER                                    | 24  | 3      |
| 896255    | HOSE                                        | 34  | 3      | 896257    | HOSE                                      | 34  | 7      |
| 896259    | HOSE                                        | 24  | 10     | 896268    | STUD (M10 x 54)                           | 36  | 20     |
| 896271    | HOSE                                        | 24  | 11     | 896499A08 | LONG BLOCK ASSEMBLY                       | 12  | -      |
| 896499A08 | LONG BLOCK ASSEMBLY                         | 36  | -      | 896499A08 | LONG BLOCK ASSEMBLY                       | 40  | -      |
| 896499A08 | LONG BLOCK ASSEMBLY                         | 44  | -      | 896499A08 | LONG BLOCK ASSEMBLY                       | 46  | -      |
| 896499A08 | LONG BLOCK ASSEMBLY                         | 52  | -      | 896499A08 | LONG BLOCK ASSEMBLY                       | 54  | -      |
| 896503A01 | FUEL RAIL KIT                               | 30  | 23     | 896522    | O-RING (799 x .103)                       | 70  | 14     |
| 896523    | O-RING (2.175 x .103)                       | 72  | 39     | 896524    | O-RING (3.850 x .210)                     | 76  | 31     |
| 896524    | O-RING (3.850 x .210)                       | 82  | 31     | 896524    | O-RING (3.850 x .210)                     | 84  | 25     |
| 896524    | O-RING (3.850 x .210)                       | 90  | 26     | 896547001 | FITTING                                   | 56  | 19     |
| 896550    | STUD (M8 x 50)                              | 18  | 39     | 896551    | BUSHING                                   | 18  | 28     |
| 896551    | BUSHING                                     | 18  | 34     | 896576    | PLUG (10 mm)                              | 48  | 5      |
| 896594    | CIRCLIP                                     | 54  | 16     | 896600    | SEAL Oil                                  | 76  | 30     |
| 896600    | SEAL Oil                                    | 82  | 30     | 896600    | SEAL Oil                                  | 84  | 32     |
| 896600    | SEAL Oil                                    | 90  | 32     | 896602    | NUT (M14)                                 | 62  | 21     |
| 896602    | NUT (M14)                                   | 62  | 29     | 896618A02 | COVER ASSEMBLY Rear                       | 8   | 46     |
| 896620001 | SWITCH Trim                                 | 6   | 37     | 896661    | TOOL Fuel Filter                          | 108 | 10     |
| 896663    | SEAL                                        | 30  | 16     | 896663    | SEAL Manifold to CAC                      | 32  | 9      |
| 896671    | GROMMET                                     | 6   | 2      | 896671    | GROMMET                                   | 6   | 10     |
| 896671    | GROMMET                                     | 56  | 21     | 896688001 | SENDER ASSEMBLY Trim Digital              | 62  | 31     |
| 896689A01 | ADAPTER PLATE ASSEMBLY                      | 56  | 1      | 896693A05 | VENT ASSEMBLY Purge                       | 58  | 18     |
| 896699    | O-RING (1.78 mm x .08 mm)                   | 28  | 7      | 896699    | O-RING (1.78 mm x .08 mm)                 | 36  | 10     |
| 896699    | O-RING (1.78 mm x .08 mm)                   | 46  | 18     | 896847A01 | CRANK, Shifter 5/16 Pivot Pin             | 76  | 3      |
| 896847A01 | CRANK, Shifter 5/16 Pivot Pin               | 84  | 3      | 896864001 | SEAL Adaptor Plate                        | 56  | 29     |
| 896865    | SEAL Front                                  | 6   | 3      | 896880    | SEAL Valve                                | 48  | 13     |
| 896882    | RING Retaining                              | 54  | 21     | 896883    | SPACER                                    | 54  | 20     |
| 896888T   | YOKE Bottom                                 | 62  | 9      | 896895    | NUT (M12)                                 | 68  | 19     |
| 896924    | BOOT Idle Exhaust                           | 8   | 47     | 896925A01 | PLENUM KIT Exhaust                        | 8   | 40     |
| 896934A02 | FITTING ASSEMBLY Dump                       | 56  | 15     | 896951    | PLUG (24 mm)                              | 46  | 7      |
| 896951    | PLUG (24 mm)                                | 48  | 4      | 896951    | PLUG (24 mm)                              | 56  | 3      |
| 896974    | SEAL Back                                   | 6   | 11     | 897126    | BRACKET                                   | 38  | 20     |
| 897126    | BRACKET                                     | 42  | 20     | 897134    | O-RING (1.051 x 1.070) (Inlet)            | 56  | 4      |
| 897134    | O-RING (1.051 x 1.070) Adaptor Plate-Outlet | 98  | -      | 897135    | O-RING (.864 x .070) (Outlet)             | 56  | 5      |
| 897135    | O-RING (.864 x .070) Adaptor Plate-Inlet    | 98  | -      | 897169    | GROMMET                                   | 6   | 28     |
| 897203    | PLUG                                        | 6   | 13     | 897204    | SOUND BLANKET Starboard                   | 8   | 49     |
| 897205    | SOUND BLANKET Port                          | 8   | 51     | 897431A01 | SOUND BLANKET KIT                         | 4   | 13     |
| 897433    | GROMMET                                     | 56  | 28     | 897434    | GROMMET                                   | 58  | 17     |
| 897436    | BRACKET                                     | 4   | 6      | 897437T03 | LATCH ASSEMBLY Front                      | 4   | 7      |
| 897440    | SPRING                                      | 4   | 8      | 897441    | PIN Clevis                                | 4   | 9      |
| 897447002 | SENSOR Oil Pressure                         | 28  | 2      | 897452    | GROMMET                                   | 58  | 19     |
| 897498T05 | BEARING Main - Green Crankshaft-Upper       | 54  | 5      | 897498T06 | BEARING Main - Navy Blue Crankshaft-Upper | 54  | 5      |
| 897498T07 | BEARING Main - White Crankshaft-Upper       | 54  | 5      | 897498T08 | BEARING Main - Orange Crankshaft-Upper    | 54  | 5      |

# PARTS INDEX

| Part No.  | Description                                        | Pg. | Ref.no | Part No.  | Description                           | Pg. | Ref.no |
|-----------|----------------------------------------------------|-----|--------|-----------|---------------------------------------|-----|--------|
| 897559    | CLIP                                               | 40  | 40     | 897559    | CLIP                                  | 44  | 46     |
| 897593T02 | CHAP ASSEMBLY Starboard and Port                   | 8   | -      | 897598    | STUD (M8 x 49)                        | 36  | 16     |
| 897599    | STUD (M8 x 55)                                     | 36  | 21     | 897657025 | SCREW (M6 x 25 MM)                    | 6   | 31     |
| 897657055 | SCREW (M6 x 55)                                    | 6   | 30     | 897703    | SCREW                                 | 24  | 5      |
| 897728    | RETAINER                                           | 62  | 27     | 897731001 | NUT Spanner                           | 62  | 26     |
| 897796    | CHAIN Roller Cam Drive                             | 54  | 7      | 89790734T | PCM Propulsion Control Module         | 10  | 17     |
| 89790736T | PCM Propulsion Control Module                      | 10  | 17     | 89790737T | PCM Propulsion Control Module         | 10  | 17     |
| 89790738T | PCM Propulsion Control Module                      | 10  | 17     | 897928T00 | SERVICE MANUAL SET                    | 2   | -      |
| 897964    | SCREW (M6)                                         | 6   | 38     | 897964    | SCREW (M6)                            | 56  | 8      |
| 897991A01 | MOUNT ASSEMBLY                                     | 62  | 23     | 898022    | DIPSTICK Oil                          | 24  | 16     |
| 898053A01 | SHIFT SLIDER KIT                                   | 18  | 21     | 898097    | WASHER                                | 18  | 7      |
| 898097    | WASHER                                             | 18  | 11     | 898164008 | PARTS MANUAL 135/150/175/200 4-Stroke | 2   | -      |
| 898165A07 | DECAL EPA Label Information                        | 2   | -      | 898165A08 | DECAL EPA Label Information           | 2   | -      |
| 898353    | SPRING                                             | 6   | 7      | 898354    | PAWL                                  | 6   | 6      |
| 898397A03 | CAMSHAFT ASSEMBLY Intake                           | 48  | 18     | 898408    | SPACER                                | 6   | 5      |
| 898443    | WASHER Retainer                                    | 62  | 24     | 898444001 | SLEEVE                                | 62  | 25     |
| 898445    | BUSHING                                            | 24  | 19     | 898463A01 | TENSIONER ASSEMBLY                    | 50  | 32     |
| 898479A02 | CYLINDER ASSEMBLY Tilt                             | 92  | 11     | 898499T02 | PISTON ASSEMBLY                       | 54  | 11     |
| 898836    | O-RING Brown (Also part of Complete Cylinder Head) | 50  | 33     | 898836    | O-RING Brown Tensioner End Cap        | 98  | -      |
| 898907    | VALVE Intake                                       | 48  | 11     | 898908    | VALVE Exhaust                         | 48  | 12     |
| 89897     | HOLDING TOOL Dial Indicator                        | 108 | -      | 899015A01 | TOOL KIT Upper Mount Alignment        | 108 | 11     |
| 899167    | LEVER Shift Shaft                                  | 18  | 32     | 899167001 | LEVER Shift Shaft                     | 18  | 32     |
| 899785K04 | HARNESSE ASSEMBLY Accessory Power (30 Feet)        | 102 | -      | 899883110 | PRESSURE TRANSDUCER (P1-Red)          | 106 | -      |
| 899883111 | PRESSURE TRANSDUCER (P2-Black)                     | 106 | -      | 899912001 | TAPPET (2.996)                        | 48  | 20     |
| 899912002 | TAPPET (3.021)                                     | 48  | 20     | 899912003 | TAPPET (3.046)                        | 48  | 20     |
| 899912004 | TAPPET (3.071)                                     | 48  | 20     | 899912005 | TAPPET (3.096)                        | 48  | 20     |
| 899912006 | TAPPET (3.118)                                     | 48  | 20     | 899912007 | TAPPET (3.138)                        | 48  | 20     |
| 899912008 | TAPPET (3.158)                                     | 48  | 20     | 899912009 | TAPPET (3.178)                        | 48  | 20     |
| 899912010 | TAPPET (3.198)                                     | 48  | 20     | 899912011 | TAPPET (3.218)                        | 48  | 20     |
| 899912012 | TAPPET (3.238)                                     | 48  | 20     | 899912013 | TAPPET (3.258)                        | 48  | 20     |
| 899912014 | TAPPET (3.278)                                     | 48  | 20     | 899912015 | TAPPET (3.298)                        | 48  | 20     |
| 899912016 | TAPPET (3.318)                                     | 48  | 20     | 899912017 | TAPPET (3.338)                        | 48  | 20     |
| 899912018 | TAPPET (3.358)                                     | 48  | 20     | 899912019 | TAPPET (3.378)                        | 48  | 20     |
| 899912020 | TAPPET (3.398)                                     | 48  | 20     | 899912021 | TAPPET (3.418)                        | 48  | 20     |
| 899912022 | TAPPET (3.438)                                     | 48  | 20     | 899912023 | TAPPET (3.458)                        | 48  | 20     |
| 899912024 | TAPPET (3.478)                                     | 48  | 20     | 899912025 | TAPPET (3.498)                        | 50  | 20     |
| 899912026 | TAPPET (3.518)                                     | 50  | 20     | 899912027 | TAPPET (3.538)                        | 50  | 20     |
| 899912028 | TAPPET (3.558)                                     | 50  | 20     | 899912029 | TAPPET (3.578)                        | 50  | 20     |
| 899912030 | TAPPET (3.598)                                     | 50  | 20     | 899912031 | TAPPET (3.621)                        | 50  | 20     |
| 899912032 | TAPPET (3.646)                                     | 50  | 20     | 899912033 | TAPPET (3.671)                        | 50  | 20     |
| 899912034 | TAPPET (3.696)                                     | 50  | 20     | 899912035 | TAPPET (3.721)                        | 50  | 20     |
| 8M0000712 | SEAL                                               | 4   | 12     | 8M0005773 | SCREW (M6)                            | 6   | 26     |
| 8M0005899 | TUBE ASSEMBLY Hot Air Duct                         | 24  | 9      | 8M0005958 | O-RING                                | 38  | 9      |
| 8M0005958 | O-RING                                             | 42  | 9      | 8M0006027 | INJECTOR Fuel                         | 30  | 37     |
| 8M0006054 | RETAINER                                           | 6   | 20     | 8M0006056 | LATCH ASSEMBLY Rear                   | 6   | 19     |
| 8M0006060 | SEAL                                               | 6   | 21     | 8M0006599 | GASKET                                | 30  | 39     |
| 8M0006614 | SPARK PLUG NGK-ILFR6GE                             | 50  | 41     | 8M0007131 | CARRIER ASSEMBLY Oil Seal             | 72  | 38     |
| 8M0008232 | WASHER (Included with Cam Cover Assembly)          | 52  | 53     | 8M0010146 | SENSOR                                | 46  | 17     |
| 8M0010146 | SENSOR                                             | 46  | 19     | 8M0010248 | SENSOR                                | 32  | 16     |
| 8M0010459 | FILLER BLOCK                                       | 70  | 2      | 8M0010625 | PLATE Coil                            | 50  | 25     |
| 8M0011503 | SPRING Intake and Exhaust Valve                    | 48  | 14     | 8M0012204 | HOSE                                  | 58  | 12     |
| 8M0012205 | HOSE To Fuel Rail                                  | 58  | 14     | 8M0012206 | HOSE Water                            | 58  | 10     |
| 8M0012207 | HOSE Manifold Reference-Upper                      | 34  | 10     | 8M0012208 | HOSE                                  | 58  | 3      |
| 8M0012209 | HOSE To CAC                                        | 58  | 11     | 8M0012209 | HOSE                                  | 58  | 15     |
| 8M0012210 | HOSE                                               | 58  | 5      | 8M0012217 | HOSE                                  | 58  | 1      |
| 8M0012218 | HOSE Fuel to Lift Pump                             | 38  | 18     | 8M0012219 | HOSE                                  | 58  | 8      |
| 8M0020349 | FILTER Fuel, Element                               | 38  | 14     | 8M0020349 | FILTER Fuel, Element                  | 42  | 14     |
| 8M0020854 | LINK                                               | 6   | 18     | 8M0020855 | PANEL Access                          | 6   | 15     |
| 8M0020856 | HANDLE                                             | 6   | 17     | 8M0020857 | STRIKER ASSEMBLY                      | 4   | 4      |
| 8M0021043 | SENSOR ASSEMBLY Fuel and Water                     | 100 | 3      | 8M0021044 | BOWL                                  | 100 | 4      |



# PARTS INDEX

| Part No.  | Description                                                | Pg. | Ref.no | Part No.  | Description                                                | Pg. | Ref.no |
|-----------|------------------------------------------------------------|-----|--------|-----------|------------------------------------------------------------|-----|--------|
| 8M0021876 | SCREW (M10 x 342)                                          | 46  | 12     | 8M0022130 | SEPERATOR KIT Fuel and Water                               | 100 | 1      |
| 8M0024565 | GASKET Head                                                | 46  | 20     | 8M0024565 | GASKET Cylinder Head to Block                              | 98  | -      |
| 8M0024861 | DECAL Vinyl Lenz                                           | 4   | 2      | 8M0024865 | DECAL Rear                                                 | 4   | -      |
| 8M0024866 | DECAL Rear                                                 | 4   | -      | 8M0024867 | DECAL Rear                                                 | 4   | -      |
| 8M0024868 | DECAL Rear                                                 | 4   | -      | 8M0024880 | DECAL Rear                                                 | 4   | -      |
| 8M0025850 | STUD (Included with Reference 21)                          | 18  | 27     | 8M0026713 | SEAL                                                       | 6   | 16     |
| 8M0026760 | SEAL                                                       | 22  | 13     | 8M0027347 | PLUG (M18 x 1.5)                                           | 56  | 13     |
| 8M0031551 | TRIM MOTOR                                                 | 92  | 1      | 8M0033366 | SCREW (.500-20 x 5 Inches)                                 | 66  | 9      |
| 8M0033874 | DUCT KIT Inlet                                             | 28  | 8      | 8M0033976 | DUCT KIT Outlet                                            | 28  | 3      |
| 8M0034096 | DECAL Rear                                                 | 4   | -      | 8M0034097 | DECAL Rear                                                 | 4   | -      |
| 8M0034098 | DECAL Rear                                                 | 4   | -      | 8M0034568 | GASKET                                                     | 44  | 44     |
| 8M0034912 | O-RING 3.78 X 21.32                                        | 56  | 30     | 8M0034918 | COLLAR                                                     | 14  | 13     |
| 8M0039464 | RING Retaining                                             | 32  | 5      | 8M0039464 | RING Retaining                                             | 42  | 33     |
| 8M0039516 | O-RING                                                     | 32  | 4      | 8M0039516 | O-RING                                                     | 42  | 32     |
| 8M0039519 | PLUG Zero Leak (M8 x 1.0) Secondary Pressure               | 32  | 2      | 8M0039993 | FITTING                                                    | 32  | 7      |
| 8M0040116 | O-RING                                                     | 32  | 6      | 8M0041014 | SCREW (M6 x 18)                                            | 44  | 45     |
| 8M0041053 | BOOT MAP Sensor                                            | 32  | 18     | 8M0041064 | THERMOSTAT                                                 | 42  | 37     |
| 8M0041074 | FUEL RAIL ASSEMBLY                                         | 32  | 20     | 8M0041096 | BRACKET Fuel Injector Mounting                             | 32  | 28     |
| 8M0041097 | BRACKET                                                    | 32  | 22     | 8M0041097 | BRACKET                                                    | 32  | 25     |
| 8M0041100 | SCREW (M5 x 10)                                            | 32  | 23     | 8M0041100 | SCREW (M5 x 10)                                            | 32  | 26     |
| 8M0041100 | SCREW (M5 x 10)                                            | 32  | 30     | 8M0041101 | DAMPER                                                     | 32  | 31     |
| 8M0041571 | INJECTOR ASSEMBLY Fuel                                     | 32  | 29     | 8M0042636 | NUT (.375-24) Brass                                        | 64  | 44     |
| 8M0042697 | HARNESS Fuel Filter Sensor Extension (144 in) Water Sensor | 100 | 7      | 8M0043059 | DECAL Warning                                              | 66  | 20     |
| 8M0043736 | HOSE                                                       | 36  | 8      | 8M0043791 | HOSE                                                       | 58  | 12     |
| 8M0043792 | HOSE To Fuel Rail                                          | 58  | 14     | 8M0043795 | HOSE                                                       | 58  | 1      |
| 8M0043796 | HOSE Fuel to Lift Pump                                     | 38  | 18     | 8M0043796 | HOSE Fuel to Lift Pump                                     | 42  | 18     |
| 8M0043797 | HOSE                                                       | 58  | 8      | 8M0045046 | NUT (M6) Stainless Steel                                   | 18  | 36     |
| 8M0045343 | HOSE ASSMEBLY Fuel Inlet, 32.5 Inch                        | 38  | 27     | 8M0046215 | CRANK, Shifter 1/4 Pivot Pin                               | 76  | 3      |
| 8M0046215 | CRANK, Shifter 1/4 Pivot Pin                               | 80  | 3      | 8M0046215 | CRANK, Shifter 1/4 Pivot Pin                               | 84  | 3      |
| 8M0046215 | CRANK, Shifter 1/4 Pivot Pin                               | 88  | 3      | 8M0046336 | FUEL FILTER KIT                                            | 100 | -      |
| 8M0046557 | HOSE ASSMEBLY Fuel Inlet, 8.2 Inch                         | 38  | 27     | 8M0046557 | HOSE ASSMEBLY Fuel Inlet, 8.2 Inch                         | 42  | 27     |
| 8M0046563 | RETAINING RING                                             | 70  | 15     | 8M0046689 | COOLER ASSEMBLY Oil                                        | 42  | 28     |
| 8M0046691 | CAC ASSEMBLY                                               | 32  | 1      | 8M0046693 | THERMOSTAT ASSEMBLY                                        | 42  | 35     |
| 8M0046694 | HOUSING ASSEMBLY                                           | 44  | 43     | 8M0046696 | ADAPTER ASSEMBLY                                           | 42  | 41     |
| 8M0046697 | PLUG                                                       | 42  | 39     | 8M0046698 | END CAP ASSEMBLY                                           | 32  | 3      |
| 8M0046698 | END CAP ASSEMBLY                                           | 42  | 31     | 8M0047053 | VALVE KIT Shrader                                          | 32  | 24     |
| 8M0047054 | TUBE KIT Fuel Inlet                                        | 32  | 21     | 8M0047129 | COVER ASSEMBLY                                             | 70  | 12     |
| 8M0048051 | SCREW (M6 x 30) Stainless Steel                            | 34  | 2      | 8M0048114 | SHIFT ACTUATOR                                             | 18  | 4      |
| 8M0050423 | WASHER .020                                                | 80  | 24     | 8M0050423 | WASHER .020                                                | 88  | 24     |
| 8M0050424 | WASHER .022                                                | 80  | 24     | 8M0050424 | WASHER .022                                                | 88  | 24     |
| 8M0050425 | WASHER .024                                                | 80  | 24     | 8M0050425 | WASHER .024                                                | 88  | 24     |
| 8M0050427 | WASHER .026                                                | 80  | 24     | 8M0050427 | WASHER .026                                                | 88  | 24     |
| 8M0050428 | WASHER .028                                                | 80  | 24     | 8M0050428 | WASHER .028                                                | 88  | 24     |
| 8M0050429 | WASHER .030                                                | 80  | 24     | 8M0050429 | WASHER .030                                                | 88  | 24     |
| 8M0050430 | WASHER .032                                                | 80  | 24     | 8M0050430 | WASHER .032                                                | 88  | 24     |
| 8M0050431 | WASHER .034                                                | 80  | 24     | 8M0050431 | WASHER .034                                                | 88  | 24     |
| 8M0050432 | WASHER .036                                                | 80  | 24     | 8M0050432 | WASHER .036                                                | 88  | 24     |
| 8M0050433 | WASHER .038                                                | 80  | 24     | 8M0050433 | WASHER .038                                                | 88  | 24     |
| 8M0050434 | WASHER .040                                                | 80  | 24     | 8M0050434 | WASHER .040                                                | 88  | 24     |
| 8M0050435 | WASHER .042                                                | 80  | 24     | 8M0050435 | WASHER .042                                                | 88  | 24     |
| 8M0050436 | WASHER .044                                                | 80  | 24     | 8M0050436 | WASHER .044                                                | 88  | 24     |
| 8M0050437 | WASHER .046                                                | 80  | 24     | 8M0050437 | WASHER .046                                                | 88  | 24     |
| 8M0050438 | WASHER .048                                                | 80  | 24     | 8M0050438 | WASHER .048                                                | 88  | 24     |
| 8M0050439 | WASHER .050                                                | 82  | 24     | 8M0050439 | WASHER .050                                                | 88  | 24     |
| 8M0053110 | SHIM SET                                                   | 72  | 48     | 8M0053762 | MODULE ASSEMBLY Integrated Air Fuel                        | 32  | -      |
| 8M0056631 | GEAR HOUSING ASSEMBLY Basic Used With 1/4 Inch Shift Crank | 70  | 1      | 8M0056631 | GEAR HOUSING ASSEMBLY Basic Used With 1/4 Inch Shift Crank | 76  | 1      |
| 8M0056631 | GEAR HOUSING ASSEMBLY Basic Used With 1/4 Inch Shift Crank | 80  | 1      | 8M0056631 | GEAR HOUSING ASSEMBLY Basic Used With 1/4 Inch Shift Crank | 84  | 1      |
| 8M0056631 | GEAR HOUSING ASSEMBLY Basic Used With 1/4 Inch Shift Crank | 88  | 1      | 8M0060141 | MANUAL RELEASE KIT                                         | 96  | 6      |

# PARTS INDEX

| Part No.  | Description                                        | Pg. | Ref.no | Part No.  | Description                                             | Pg. | Ref.no |
|-----------|----------------------------------------------------|-----|--------|-----------|---------------------------------------------------------|-----|--------|
| 8M0064306 | SPACER                                             | 80  | 23     | 8M0064306 | SPACER                                                  | 90  | 37     |
| 8M0065258 | BRUSH SET                                          | 14  | 5      | 8M0069774 | PROPELLER SHAFT                                         | 80  | 19     |
| 8M0069774 | PROPELLER SHAFT                                    | 88  | 20     | 8M0075362 | TOP COWL ASSEMBLY Mercury, Without decals               | 4   | 1      |
| 8M0075363 | TOP COWL ASSEMBLY Mariner, Without decals          | 4   | 1      | 8M0076745 | SHIM SET                                                | 80  | 24     |
| 8M0076745 | SHIM SET                                           | 88  | 24     | 8M0083392 | CARRIER ASSEMBLY Bearing                                | 82  | 25     |
| 8M0086846 | CARRIER ASSEMBLY Bearing                           | 90  | 25     | 8M0090403 | COUPLING Drive                                          | 96  | 4      |
| 8M0092409 | MODULE ASSEMBLY Integrated Air Fuel                | 32  | -      | 8M0094889 | PIN                                                     | 96  | 22     |
| 8M0105263 | HARNESS WIF Sensor Extension - 36 Inches           | 100 | -      | 8M0105264 | HARNESS WIF Sensor Extension - 72 Inches                | 100 | -      |
| 8M0107551 | ANODE KIT L4 Verado / OptiMax - MPP                | 112 | -      | 8M0122424 | FUEL FILTER Mercury                                     | 112 | -      |
| 8M0130835 | SERVICE KIT Verado 4 cyl (300 Hour)                | 112 | -      | 8M0132738 | O-RING KIT                                              | 32  | -      |
| 8M0142341 | POWER TRIM ASSEMBLY                                | 96  | -      | 8M0142591 | MOTOR KIT                                               | 96  | 1      |
| 8M0142996 | PO CHECK KIT                                       | 96  | 5      | 8M0142997 | TILT SHAFT KIT                                          | 96  | 7      |
| 8M0142998 | TILT CYLINDER ASSEMBLY                             | 96  | 9      | 8M0142999 | O RING KIT TILT CYLINDER                                | 96  | 10     |
| 8M0143000 | MEMORY PISTON KIT                                  | 96  | 11     | 8M0143001 | PISTON ASSEMBLY                                         | 96  | 12     |
| 8M0143003 | END CAP ASSEMBLY                                   | 96  | 13     | 8M0143004 | PUMP KIT                                                | 96  | 18     |
| 8M0143005 | SHOCK ROD KIT                                      | 96  | 23     | 8M8023048 | BUSHING                                                 | 8   | 39     |
| 8M8023048 | BUSHING                                            | 56  | 22     | 90196     | O-RING (.921 x .139)                                    | 50  | 27     |
| 90196     | O-RING (.921 x .139)                               | 60  | 25     | 90196     | O-RING (.921 x .139) Oil Plug Assembly                  | 98  | -      |
| 90196     | O-RING (.921 x .139) Water Tube Coupling           | 98  | -      | 90265A5   | PUMP ASSEMBLY Crankcase Oil                             | 106 | 14     |
| 91800     | KEY Woodruff                                       | 54  | 2      | 92721     | WASHER                                                  | 70  | 22     |
| 92876A12  | LINK ROD ASSEMBLY                                  | 62  | 41     | 93388A1   | CABLE ASSEMBLY (6.00 Inches) Black                      | 14  | 7      |
| 93388A19  | CABLE ASSEMBLY                                     | 10  | 26     | 95084A10  | CABLE ASSEMBLY (5.00 Inches) Red                        | 104 | 13     |
| 95084A13  | CABLE ASSEMBLY (64.00 Inches)                      | 104 | 14     | 98234A2   | DRILL FIXTURE KIT Transom                               | 106 | 16     |
| 98727     | FITTING Grease Port                                | 66  | 3      | 99615     | PIN Groove                                              | 66  | 18     |
| 99625003  | SHAFT Upper Tilt                                   | 92  | 35     | 99629T2   | LEVER ASSEMBLY Tilt Lock                                | 66  | 13     |
| 996301    | STRIKER PLATE                                      | 62  | 11     | 99633     | KNOB                                                    | 66  | 17     |
| FT8950    | TESTER KIT                                         | 108 | -      | NA        | NOT AVAILABLE Not Sold With This Model                  | 106 | 15     |
| NOPART    | NO PARTS LIST                                      | 110 | -      | NSS       | NOT SOLD SEPARATE DECAL, EPA (2009 & Up)                | 2   | -      |
| NSS       | NOT SOLD SEPARATE Pan Assembly-Port                | 6   | 1      | NSS       | NOT SOLD SEPARATE Pan Assembly-Starboard                | 6   | 9      |
| NSS       | NOT SOLD SEPARATE Electrical Box Assembly-Complete | 10  | -      | NSS       | NOT SOLD SEPARATE Electrical Box Assembly               | 10  | -      |
| NSS       | NOT SOLD SEPARATE Cover                            | 10  | 2      | NSS       | NOT SOLD SEPARATE Relay Bracket Assembly-Complete       | 10  | -      |
| NSS       | NOT SOLD SEPARATE Decal-Trim Relay                 | 10  | 21     | NSS       | NOT SOLD SEPARATE Thru Bolt                             | 14  | 2      |
| NSS       | NOT SOLD SEPARATE Actuator Plate Assembly-Complete | 18  | -      | NSS       | NOT SOLD SEPARATE Cotter Pin (Service Bulletin 2003-10) | 18  | 16     |
| NSS       | NOT SOLD SEPARATE Resonator                        | 24  | 33     | NSS       | NOT SOLD SEPARATE Fitting                               | 30  | 2      |
| NSS       | NOT SOLD SEPARATE O-Ring                           | 30  | 3      | NSS       | NOT SOLD SEPARATE Stack Assembly                        | 30  | 4      |
| NSS       | NOT SOLD SEPARATE Seal Kit                         | 30  | 5      | NSS       | NOT SOLD SEPARATE Seal                                  | 30  | 6      |
| NSS       | NOT SOLD SEPARATE Screw                            | 30  | 7      | NSS       | NOT SOLD SEPARATE Washer                                | 30  | 8      |
| NSS       | NOT SOLD SEPARATE O-Ring                           | 30  | 10     | NSS       | NOT SOLD SEPARATE                                       | 32  | 8      |
| NSS       | NOT SOLD SEPARATE FUEL RAIL                        | 32  | 27     | NSS       | NOT SOLD SEPARATE O-RING, Schrader Valve                | 32  | 32     |
| NSS       | NOT SOLD SEPARATE O-RING, Tube                     | 32  | 35     | NSS       | NOT SOLD SEPARATE Hose Assembly-Complete                | 34  | -      |
| NSS       | NOT SOLD SEPARATE OIL COOLER HOUSING               | 42  | 29     | NSS       | NOT SOLD SEPARATE THERMOSTAT STOP                       | 42  | 36     |
| NSS       | NOT SOLD SEPARATE SPRING                           | 42  | 38     | NSS       | NOT SOLD SEPARATE O-RING                                | 42  | 40     |
| NSS       | NOT SOLD SEPARATE O-RING                           | 42  | 42     | NSS       | NOT SOLD SEPARATE CAP                                   | 48  | 17     |
| NSS       | NOT SOLD SEPARATE Oil Ring                         | 54  | 13     | NSS       | NOT SOLD SEPARATE Piston Ring-Second                    | 54  | 14     |
| NSS       | NOT SOLD SEPARATE Piston Pin                       | 54  | 15     | NSS       | NOT SOLD SEPARATE Decal-Serial Overlamineate            | 62  | 30     |
| NSS       | NOT SOLD SEPARATE Transom Bracket-Starboard        | 66  | 1      | NSS       | NOT SOLD SEPARATE Transom Bracket-Port                  | 66  | 2      |
| NSS       | NOT SOLD SEPARATE Decal-Oil Drain                  | 68  | 2      | NSS       | NOT SOLD SEPARATE Pinion Gear                           | 70  | 20     |
| NSS       | NOT SOLD SEPARATE Roller Bearing Assembly          | 70  | 27     | NSS       | NOT SOLD SEPARATE Cup                                   | 70  | 28     |
| NSS       | NOT SOLD SEPARATE Roller Bearing Assembly          | 72  | 29     | NSS       | NOT SOLD SEPARATE Cup                                   | 72  | 30     |
| NSS       | NOT SOLD SEPARATE Oil Seal                         | 72  | 40     | NSS       | NOT SOLD SEPARATE Oil Seal                              | 72  | 41     |
| NSS       | NOT SOLD SEPARATE CUP                              | 72  | 47     | NSS       | NOT SOLD SEPARATE CUP                                   | 72  | 50     |
| NSS       | NOT SOLD SEPARATE Plug                             | 76  | 2      | NSS       | NOT SOLD SEPARATE Spool                                 | 76  | 5      |
| NSS       | NOT SOLD SEPARATE Sleeve Adjusting                 | 76  | 7      | NSS       | NOT SOLD SEPARATE Cup                                   | 76  | 11     |
| NSS       | NOT SOLD SEPARATE Cup                              | 76  | 15     | NSS       | NOT SOLD SEPARATE Cup                                   | 76  | 29     |
| NSS       | NOT SOLD SEPARATE Plug                             | 80  | 2      | NSS       | NOT SOLD SEPARATE Spool                                 | 80  | 5      |
| NSS       | NOT SOLD SEPARATE Sleeve Adjusting                 | 80  | 7      | NSS       | NOT SOLD SEPARATE Cup                                   | 80  | 11     |
| NSS       | NOT SOLD SEPARATE Cup                              | 80  | 15     | NSS       | NOT SOLD SEPARATE Cup                                   | 82  | 29     |
| NSS       | NOT SOLD SEPARATE Plug                             | 84  | 2      | NSS       | NOT SOLD SEPARATE Spool                                 | 84  | 5      |

# PARTS INDEX

| Part No. | Description                              | Pg. | Ref.no | Part No. | Description                              | Pg. | Ref.no |
|----------|------------------------------------------|-----|--------|----------|------------------------------------------|-----|--------|
| NSS      | NOT SOLD SEPARATE Sleeve Adjusting       | 84  | 7      | NSS      | NOT SOLD SEPARATE Cup                    | 84  | 10     |
| NSS      | NOT SOLD SEPARATE Cup                    | 84  | 14     | NSS      | NOT SOLD SEPARATE Cup                    | 84  | 31     |
| NSS      | NOT SOLD SEPARATE Decal-Counter Rotation | 86  | 40     | NSS      | NOT SOLD SEPARATE Plug                   | 88  | 2      |
| NSS      | NOT SOLD SEPARATE Spool                  | 88  | 5      | NSS      | NOT SOLD SEPARATE Sleeve Adjusting       | 88  | 7      |
| NSS      | NOT SOLD SEPARATE Cup                    | 88  | 10     | NSS      | NOT SOLD SEPARATE Cup                    | 88  | 14     |
| NSS      | NOT SOLD SEPARATE Cup                    | 90  | 31     | NSS      | NOT SOLD SEPARATE Decal-Counter Rotation | 90  | 40     |
| NSS      | NOT SOLD SEPARATE Armature               | 92  | 2      | NSS      | NOT SOLD SEPARATE End Frame              | 92  | 3      |
| NSS      | NOT SOLD SEPARATE Shock Rod Kit          | 92  | 14     | NSS      | NOT SOLD SEPARATE Spring-Damper          | 92  | 15     |
| NSS      | NOT SOLD SEPARATE Plate-Damper           | 92  | 16     | NSS      | NOT SOLD SEPARATE Shock Piston           | 92  | 17     |