

**Parts Manual**

**Cat.# 90-881784005**

**Revised 09-12-2020**

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Cat.# 90-881784005

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## Service and Support Material

## Service and Support Material

| Ref # | Part Class | Part Number | Description                                              | Comments                   | Qty | Note |
|-------|------------|-------------|----------------------------------------------------------|----------------------------|-----|------|
| -     | 0090       | 881784005   | PARTS MANUAL 496 MAG Sterndrive EC                       |                            | 1   |      |
| -     | 0090       | 899883274   | OPERATION MANUAL 496 EC                                  | [1A349399] & Below         | 1   |      |
| -     | 0090       | 899883371   | OPERATION MANUAL 496 EC                                  | [1A349400] THRU [NA]       | 1   |      |
| -     | 0090       | 879288056   | OPERATION MANUAL 496 EC                                  | [NA] THRU [NA]             | 1   |      |
| -     | 0090       | 879288277   | OPERATION MANUAL 496 EC                                  | [NA] THRU [1A350421]       | 1   |      |
| -     | 0090       | 879194448   | OPERATION MANUAL 496 EC                                  | [1A350422] & Up            | 1   |      |
|       | 0090       | 899883200   | OPERATION MANUAL 496 EC                                  | Axius [1A349399] & Below   | 1   |      |
|       | 0090       | 899883373   | OPERATION MANUAL Axius 496 EC                            | [1A349400] THRU [NA]       | 1   |      |
|       | 0090       | 879288057   | OPERATION MANUAL 496 EC                                  | Axius [NA] THRU [NA]       | 1   |      |
|       | 0090       | 879194464   | OPERATION MANUAL 496 EC                                  | Axius [NA] THRU [1A350421] | 1   |      |
|       | 0090       | 879172277   | OPERATION MANUAL 496 EC                                  | Axius [1A350422] & Up      | 1   |      |
| -     | 0090       | 899883170   | INSTALLATION MANUAL 496 EC                               | [1A349399] & Below         | 1   |      |
| -     | 0090       | 899883383   | INSTALLATION MANUAL 496 EC                               | [1A349400] & Up            | 1   |      |
| -     | 0090       | 899883201   | INSTALLATION MANUAL 496 EC                               | Axius [1A349399] & Below   | 1   |      |
| -     | 0090       | 899883385   | INSTALLATION MANUAL 496 EC                               | Axius [1A349400] & Up      | 1   |      |
| -     | 0037       | 879288A41   | DECAL SET 496 Base                                       |                            | 1   |      |
| -     | 0037       | 879172A09   | DECAL SET 496 Base                                       | Axius                      | 1   |      |
| -     | 0037       | 879288A42   | DECAL SET 496 H.O.                                       |                            | 1   |      |
| -     | 0037       | 879172A10   | DECAL SET 496 H.O.                                       | Axius                      | 1   |      |
| -     | 0037       | 879288A23   | DECAL SET 496 Base Seacore                               |                            | 1   |      |
| -     | 0037       | 879172A04   | DECAL SET 496 Base Seacore                               | Axius                      | 1   |      |
| -     | 0037       | 879288A48   | DECAL SET 496 H.O. Seacore                               |                            | 1   |      |
| -     | 0037       | 879172A05   | DECAL SET 496 H.O. Seacore                               | Axius                      | 1   |      |
| -     | 0037       | 8M2007500   | DECAL Emission Control                                   |                            | 1   |      |
| -     | 0027       | 883231A02   | GASKET SET Engine                                        |                            | 1   |      |
| -     | 0027       | 883231A02   | GASKET SET Engine                                        |                            | 1   |      |
| -     | 0027       | 889924A03   | GASKET SET Overhaul                                      |                            | 1   |      |
| -     | 0000       | 865752A01   | Longblock Assembly Base                                  |                            | 1   | [1]  |
| -     | 0000       | 865754A01   | Longblock Assembly High Output                           |                            | 1   | [2]  |
| -     | 0035       | 866340Q03   | FILTER Oil - Quicksilver Brand                           |                            | 1   | [3]  |
| -     | 0035       | 866340K01   | FILTER Oil - Mercury Brand                               |                            | 1   | [3]  |
| -     | 0035       | 802893Q01   | FILTER Fuel/Water Separating - Quicksilver Brand         |                            | 1   |      |
| -     | 0035       | 802893T     | FILTER Fuel/Water Separating - Mercury Brand             |                            | 1   | [4]  |
| -     | 0092       | 877770K1    | COOLANT MPP, 1 Gallon                                    |                            | 1   | [5]  |
| -     | 0092       | 858087K01   | 20W40 FULL SYN SD/IB OIL MPP, 1 Quart (Mercury Branded)  |                            | 1   | [6]  |
| -     | 0092       | 858088K01   | 20W40 FULL SYN SD/IB OIL MPP, 1 Gallon (Mercury Branded) |                            | 1   | [7]  |

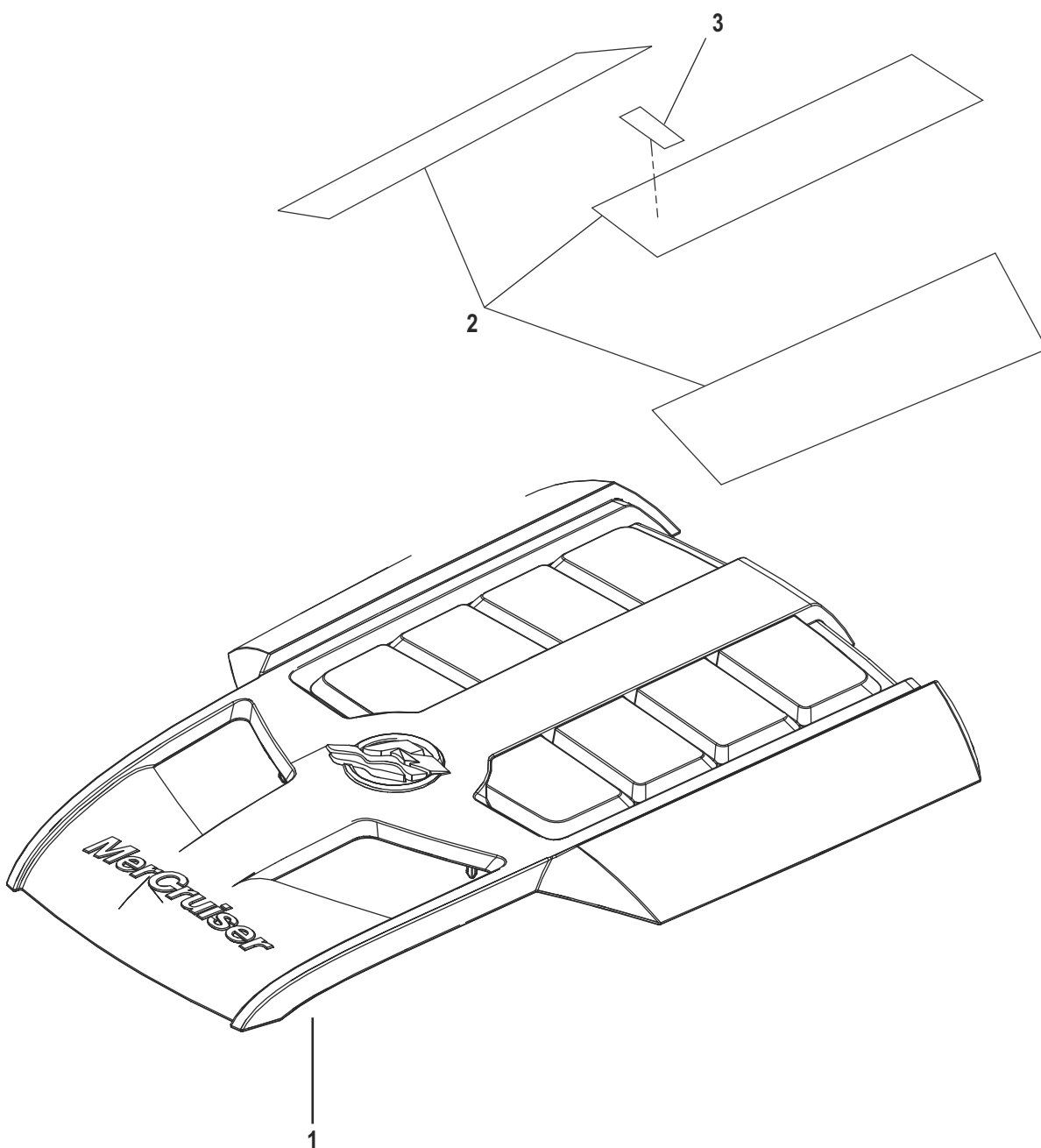
## Service and Support Material

## Service and Support Material

**PART NOTES:**

- [1] - Alternate part numbers:  
865752A01QS  
8M0086000Reman  
8M0137122QS
- [2] - Alternate part numbers:  
865754A01QS  
8M0086001Reman  
8M0137121QS
- [3] - Alternate part numbers:  
866340K01MPP  
866340Q02Service Part  
866340Q03QS
- [4] - Alternate part numbers:  
802893QQS  
802893TMPP  
807172Service Part
- [5] - Alternate part numbers:  
877770K 1MPP  
877770Q 1QS
- [6] - Alternate part numbers:  
858087K01MPP  
858087Q01QS
- [7] - Alternate part numbers:  
858088K01MPP  
858088Q01QS

# Engine Cover

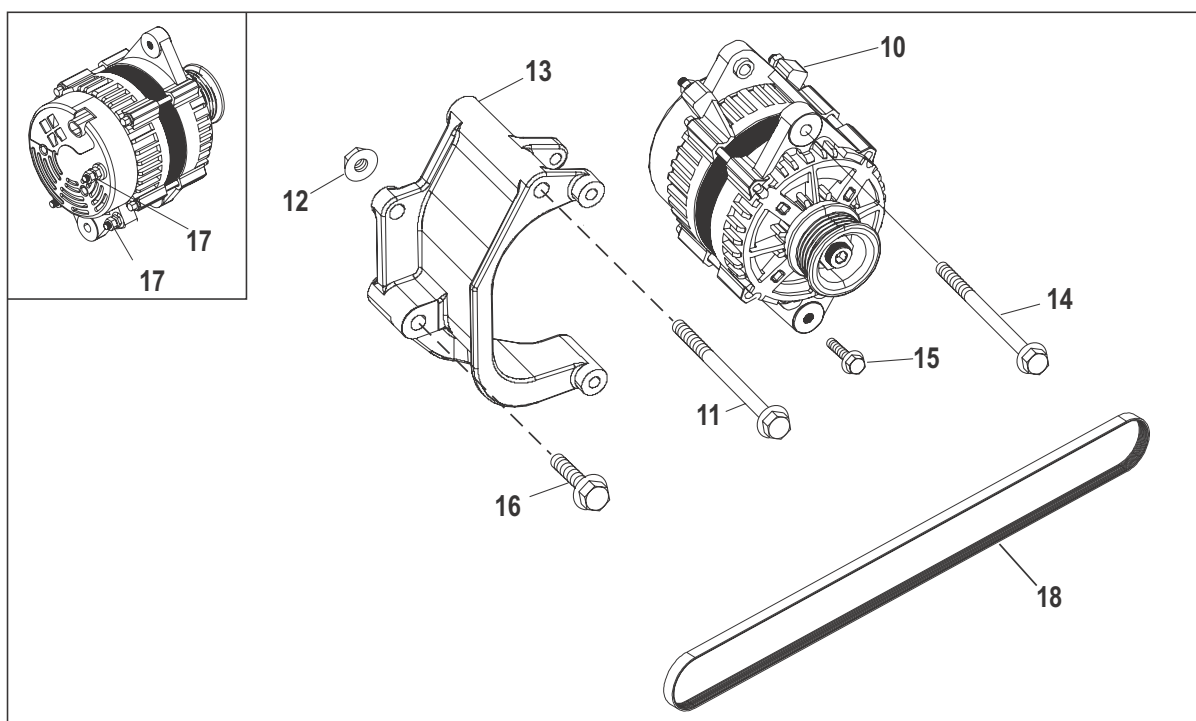
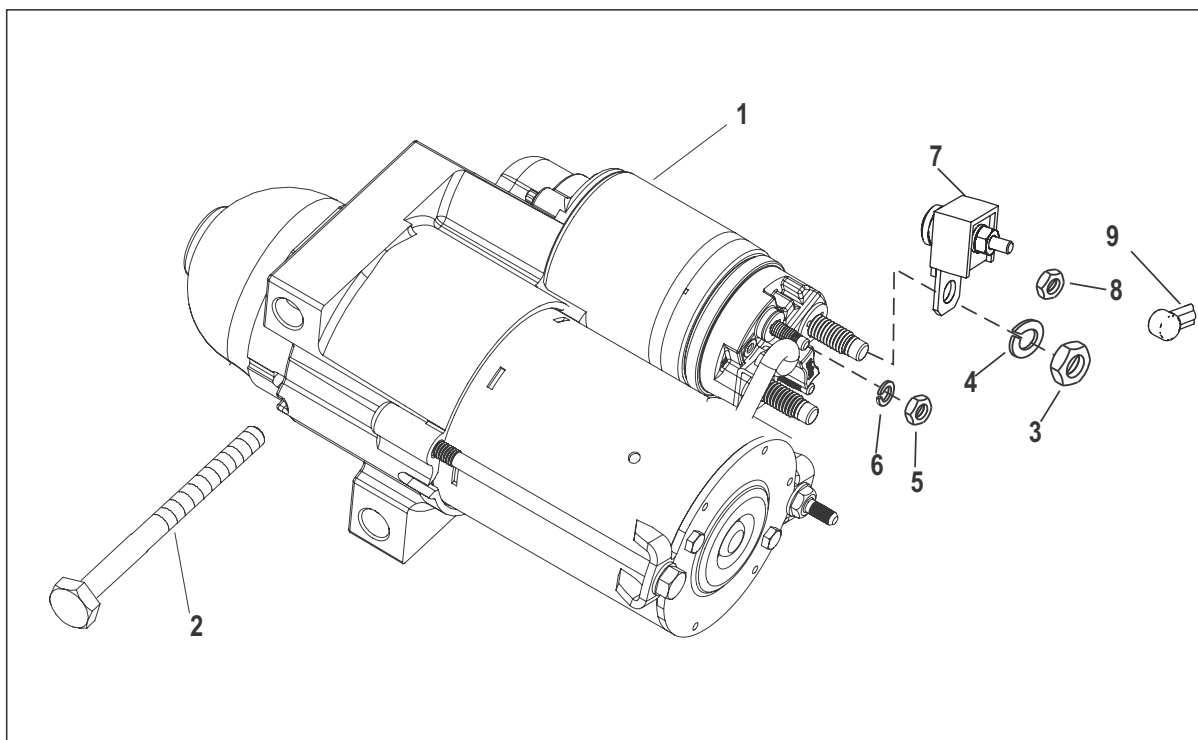


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**Engine Cover**

| Ref # | Part Class | Part Number | Description                            | Comments | Qty | Note |
|-------|------------|-------------|----------------------------------------|----------|-----|------|
| 1     | 0000       | 879288T19   | COVER Engine                           |          | 1   |      |
| 2     | 0037       | 879288A41   | DECAL SET 496 Base                     |          | 1   |      |
| 2     | 0037       | 879288A42   | DECAL SET 496 High Output              |          | 1   |      |
| 2     | 0037       | 879288A23   | DECAL SET 496 Base with Seacore        |          | 1   |      |
| 2     | 0037       | 879288A48   | DECAL SET 496 High Output with Seacore |          | 1   |      |
| 2     | 0037       | 879172A09   | DECAL SET 496 Base Axis                |          | 1   |      |
| 2     | 0037       | 879172A10   | DECAL SET 496 H.O. Axis                |          | 1   |      |
| 2     | 0037       | 879172A04   | DECAL SET 496 Base Axis Seacore        |          | 1   |      |
| 2     | 0037       | 879172A05   | DECAL SET 496 H.O. Axis Seacore        |          | 1   |      |
| 3     | 0037       | 8M2007500   | DECAL Emission Control                 |          | 1   |      |

## Starter and Alternator



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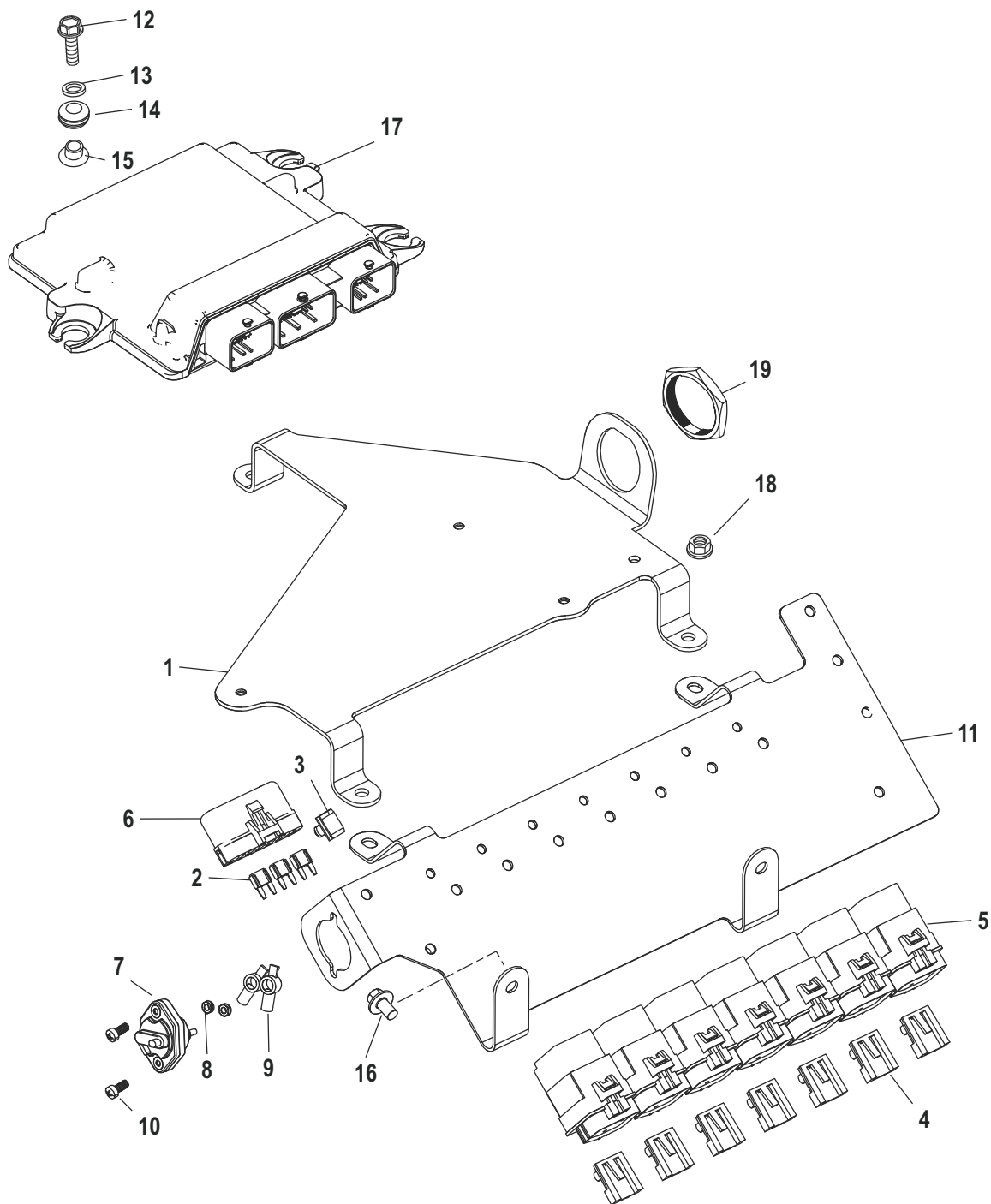
## Starter and Alternator

| Ref # | Part Class | Part Number | Description                                    | Comments                 | Qty | Note |
|-------|------------|-------------|------------------------------------------------|--------------------------|-----|------|
| 1     | 0050       | 863007A1    | STARTER MOTOR ASSEMBLY                         |                          | 1   | [1]  |
| 2     | 0010       | 861788      | SCREW (M10 x 1.5) Special                      |                          | 2   |      |
| 3     | 0011       | 806949      | NUT (M8-1.5)                                   |                          | 1   |      |
| 4     | 0013       | 400247      | LOCKWASHER (M8)                                |                          | 1   |      |
| 5     | 0011       | 400211      | NUT (M5) Stainless Steel                       |                          | 1   |      |
| 6     | 0013       | 26996       | LOCKWASHER (#10) Stainless Steel               |                          | 1   |      |
| 7     | 0088       | 79023A91    | FUSE ASSEMBLY 90 Ampere                        |                          | 1   |      |
| 8     | 0011       | 8267119     | NUT (.250-28)                                  |                          | 1   |      |
| 9     | 0085       | 79695       | BOOT Insulator - Black                         |                          | 1   |      |
| 10    | 0000       | 863077T     | ALTERNATOR ASSEMBLY Black                      |                          | 1   | [2]  |
| 11    | 0010       | 40108120    | SCREW (M10 x 120) Hex Flange - Stainless Steel |                          | 1   |      |
| 12    | 0011       | 401368      | NUT (M8) Stainless Steel                       |                          | 1   |      |
| 13    | 0000       | 865594T01   | BRACKET Alternator                             |                          | 1   |      |
| 14    | 0010       | 824459110   | SCREW (M8 x 110) Stainless Steel               |                          | 1   |      |
| 14    | 0010       | 824459120   | SCREW (M8 x 120) Stainless Steel               | Axius                    | 1   |      |
| 15    | 0010       | 88552660    | SCREW (M8 x 60)                                |                          | 1   |      |
| 16    | 0010       | 4010835     | SCREW (M10 x 35) Hex Flange - Stainless Steel  |                          | 1   |      |
| 17    | 0011       | 400212      | NUT (M6) Stainless Steel                       |                          | 2   |      |
| 18    | 0057       | 865635Q01   | BELT Serpentine                                |                          | 1   |      |
| 18    | 0057       | 879288Q20   | BELT Serpentine                                | Axius [1A349534] & Below | 1   |      |
| 18    | 0057       | 879288Q21   | BELT Serpentine High Current                   | Axius [1A349535] & Up    | 1   |      |
| -     | 0000       | 879172A34   | PULLEY KIT High Current, Axius                 | [1A349534] & Below       | 1   |      |

## PART NOTES:

- [1] - Alternate part numbers:  
863007A 1QS  
863007R01Reman
- [2] - Alternate part numbers:  
863077R01Reman  
863077TQS

## PCM and Bracket



32354

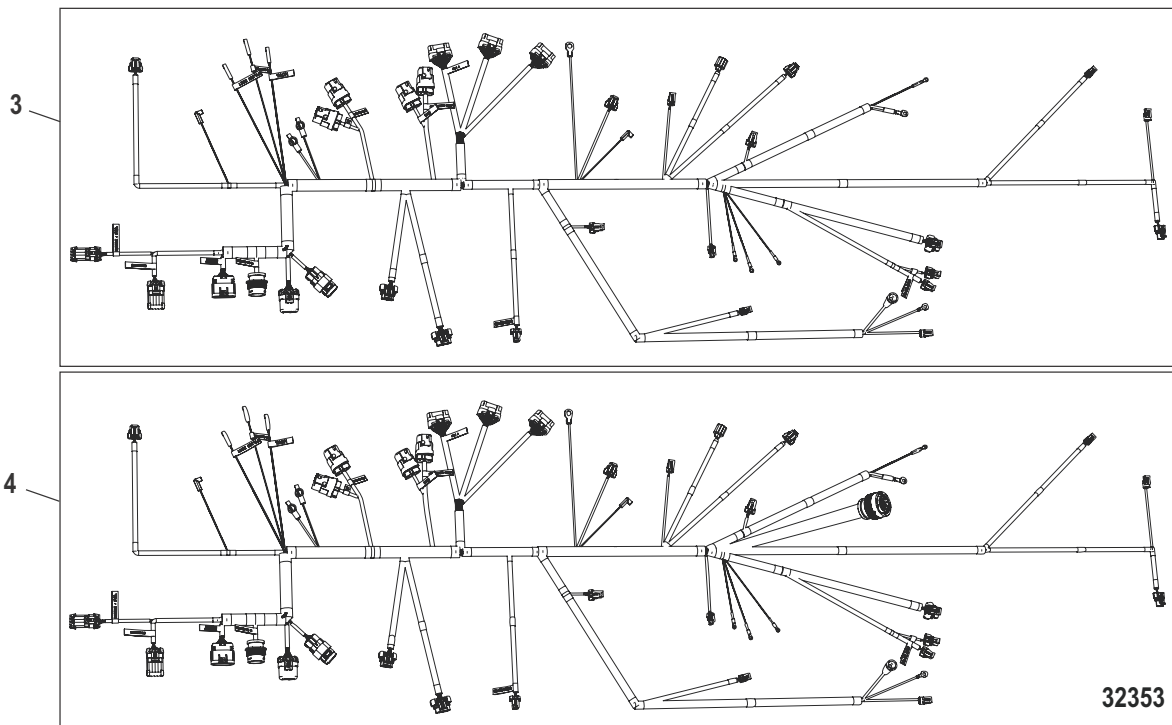
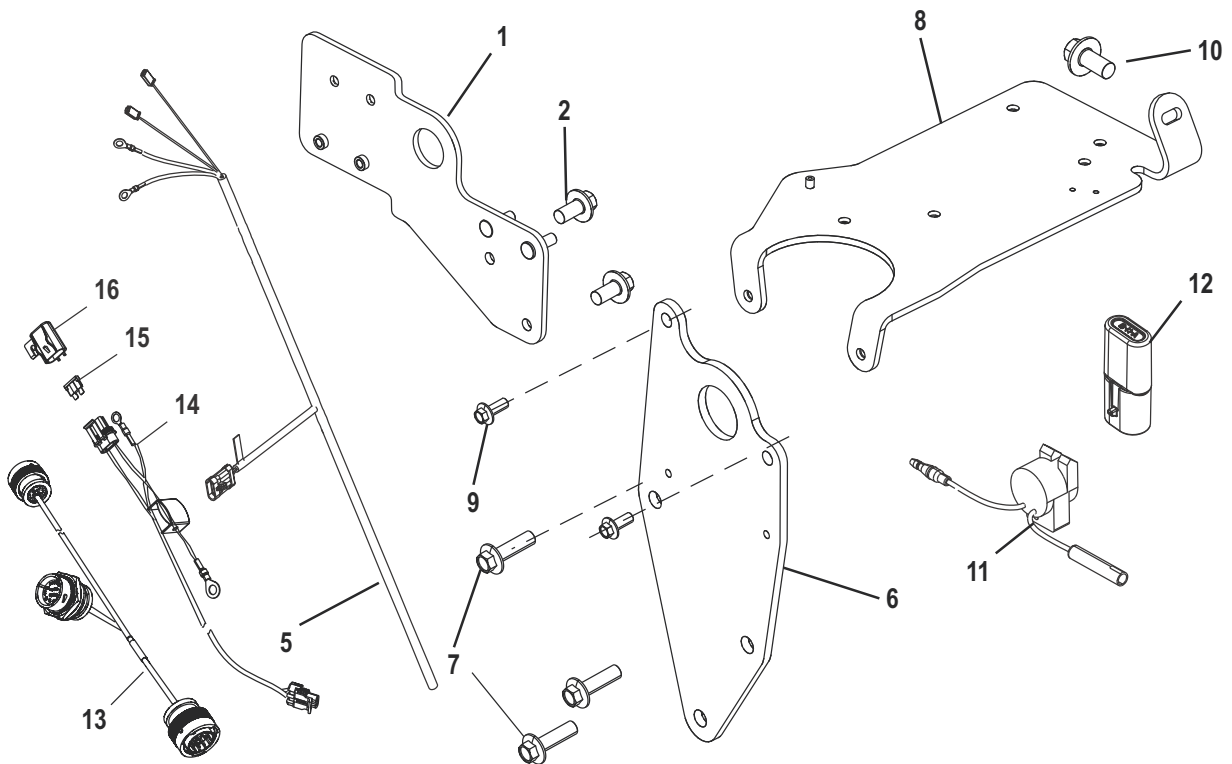
## RESOURCE NOTES:

Axius Engine harness 84-879288T87 includes Y-Harness connection from Engine to TVM Harness. Y-Harness is no longer needed when using Engine Harness 879288T87.

## PCM and Bracket

| Ref # | Part Class | Part Number | Description                                  | Comments                                              | Qty | Note |
|-------|------------|-------------|----------------------------------------------|-------------------------------------------------------|-----|------|
| NS    | 0084       | 865457T07   | HARNESS ASSEMBLY Engine                      | Mechanical Throttle and Shift                         | 1   |      |
| NS    | 0084       | 865457T08   | HARNESS ASSEMBLY Engine                      | Digital Throttle and Shift                            | 1   |      |
| NS    | 0084       | 879288T87   | HARNESS ASSEMBLY Engine                      | Digital Throttle and Shift (Axius Gen I) (SEE NOTE 1) | 1   |      |
| NS    | 0084       | 865677T01   | HARNESS ASSEMBLY Transom                     |                                                       | 1   |      |
| 1     | 0000       | 879288T60   | BRACKET PCM                                  |                                                       | 1   |      |
| 2     | 0088       | 83296910    | FUSE Mini - Red - 10 Ampere                  | Axius Gen I                                           | 5   |      |
| 2     | 0088       | 83296915    | FUSE Mini - Blue - 15 Ampere                 |                                                       | 2   |      |
| 2     | 0088       | 83296920    | FUSE Mini - Yellow - 20 Ampere               |                                                       | 3   |      |
| 3     | 0054       | 804352      | CLIP Fuse Block Mounting                     |                                                       | 1   |      |
| 4     | 0086       | 865205      | CLIP                                         | Mechanical Throttle and Shift                         | 6   |      |
| 4     | 0086       | 865205      | CLIP                                         | Digital Throttle and Shift                            | 7   |      |
| 5     | 0000       | 882751A04   | RELAY ASSEMBLY                               | Mechanical Throttle and Shift                         | 6   |      |
| 5     | 0000       | 882751A04   | RELAY ASSEMBLY                               | Digital Throttle and Shift                            | 7   |      |
| 6     | 0000       | 831960      | COVER Fuse                                   | Digital Throttle and Shift                            | 1   |      |
| 6     | 0000       | 858754      | COVER Fuse                                   | Mechanical Throttle and Shift                         | 1   |      |
| 7     | 0088       | 865827T     | BREAKER Circuit - 50 Ampere                  |                                                       | 1   |      |
| 8     | 0011       | 826709106   | NUT (#10-32) Stainless Steel                 |                                                       | 2   |      |
| 9     | 0085       | 89919       | BOOT Insulator - Black                       |                                                       | 2   |      |
| 10    | 0010       | 830861      | SCREW (#8-32 x .625)                         |                                                       | 2   |      |
| 11    | 0000       | 866399T     | BRACKET Relay, Connector                     |                                                       | 1   |      |
| 12    | 0010       | 82130025    | SCREW (M6 x 25)                              |                                                       | 3   |      |
| 13    | 0012       | 65567       | WASHER (.265 x .750 x .048) Stainless Steel  |                                                       | 3   |      |
| 14    | 0025       | 834985      | GROMMET                                      |                                                       | 3   |      |
| 15    | 0023       | 856954      | BUSHING Electrical Plate                     |                                                       | 3   |      |
| 16    | 0010       | 4010610     | SCREW (M6 x 10) Stainless Steel To Collector |                                                       | 1   |      |
| 17    | 0000       | 879288T51   | PCM Propulsion Control Module Base           | Mechanical Throttle and Shift                         | 1   |      |
| 17    | 0000       | 879288T55   | PCM Propulsion Control Module Base           | Digital Throttle and Shift                            | 1   |      |
| 17    | 0000       | 879194T10   | PCM Propulsion Control Module Base           | Axius Gen I                                           | 1   |      |
| 17    | 0000       | 879288T52   | PCM Propulsion Control Module High Output    | Mechanical Throttle and Shift                         | 1   |      |
| 17    | 0000       | 879288T56   | PCM Propulsion Control Module High Output    | Digital Throttle and Shift                            | 1   |      |
| 17    | 0000       | 879194T14   | PCM Propulsion Control Module High Output    | Axius                                                 | 1   |      |
| 18    | 0011       | 4002030     | NUT (M8)                                     |                                                       | 2   |      |
| 18    | 0011       | 400213      | NUT (M8) Stainless Steel                     | (SEACORE)                                             | 2   |      |
| 19    | 0011       | 889664      | NUT (1.500-18) Black Nylon                   |                                                       | 1   |      |

# Lifting Brackets and Wiring Harness



## RESOURCE NOTES:

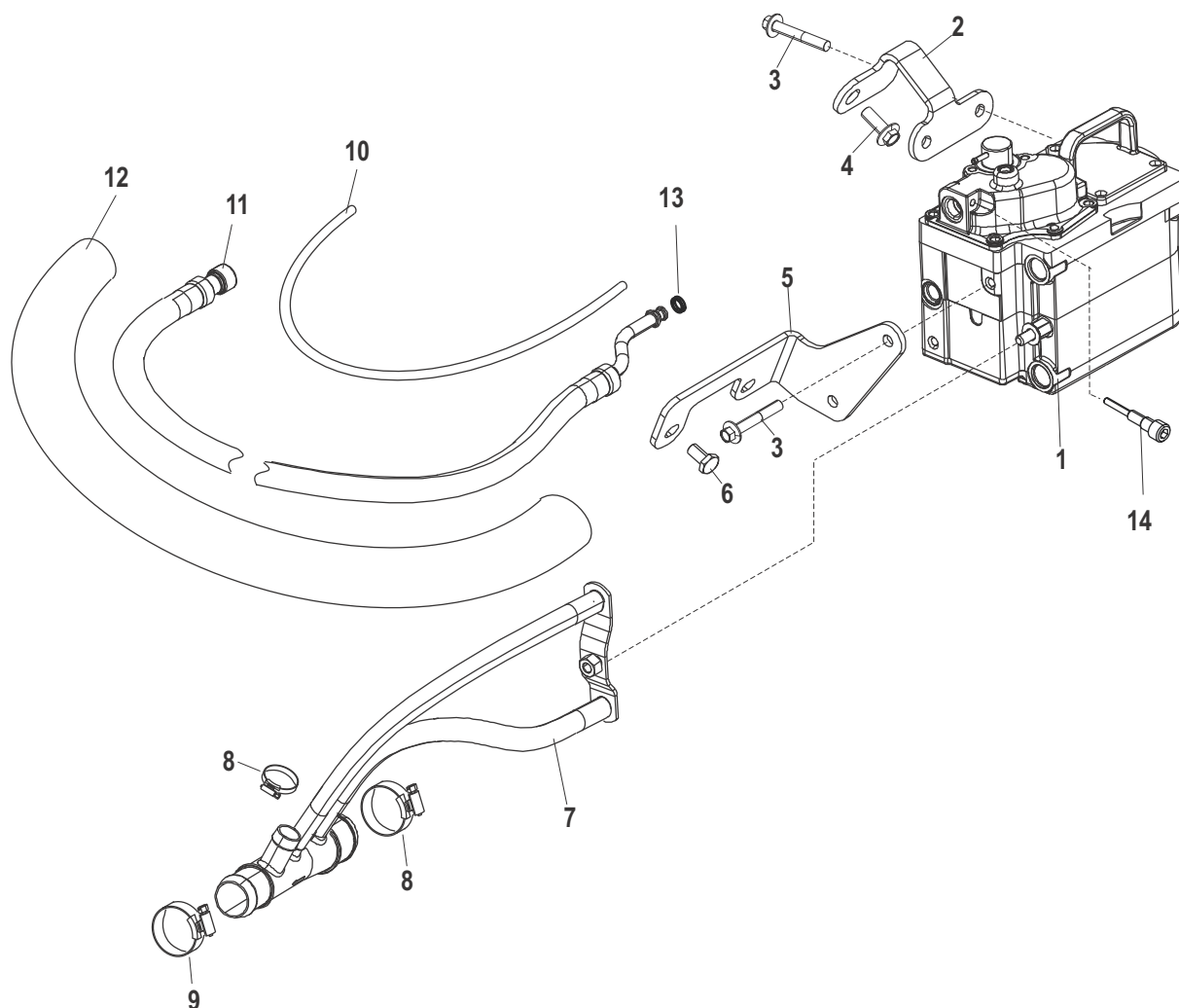
**Axis Engine harness 84-879288T87 includes Y-Harness connection from Engine to TVM Harness. Y-Harness is no longer needed when using Engine Harness 879288T87.**

Lifting Brackets and Wiring Harness

## Lifting Brackets and Wiring Harness

| Ref # | Part Class | Part Number | Description                                            | Comments                                              | Qty | Note |
|-------|------------|-------------|--------------------------------------------------------|-------------------------------------------------------|-----|------|
| 1     | 0000       | 866626T     | BRACKET Front Lifting Eye                              |                                                       | 1   |      |
| 2     | 0010       | 4010816     | SCREW (M10 x 16) Hex Flange - Stainless Steel          |                                                       | 2   |      |
| 3     | 0084       | 865457T07   | HARNESS ASSEMBLY Engine                                | Mechanical Throttle and Shift                         | 1   |      |
| 3     | 0084       | 865457T08   | HARNESS ASSEMBLY Engine                                | Digital Throttle and Shift                            | 1   |      |
| 4     | 0084       | 879288T87   | HARNESS ASSEMBLY Engine                                | Digital Throttle and Shift (Axius Gen I) (SEE NOTE 1) | 1   |      |
| 5     | 0084       | 865677T01   | HARNESS ASSEMBLY Transom                               |                                                       | 1   |      |
| 6     | 0000       | 879288T61   | BRACKET Lifting Eye, Rear                              |                                                       | 1   |      |
| 7     | 0010       | 4010820     | SCREW (M10 x 20) Hex Flange - Stainless Steel          |                                                       | 3   |      |
| 8     | 0000       | 866407      | BRACKET Shift Plate                                    |                                                       | 1   |      |
| 9     | 0010       | 4010725     | SCREW (M8 x 25)                                        |                                                       | 2   |      |
| 10    | 0010       | 4010612     | SCREW (M6 x 12) Stainless Steel                        |                                                       | 1   |      |
| 11    | 0000       | 816492A15   | ALARM KIT                                              |                                                       | 1   |      |
| 12    | 0083       | 865913A01   | DIODE ASSEMBLY                                         |                                                       | 1   |      |
| 13    | 0084       | 879194T53   | HARNESS ASSEMBLY Y-Harness                             |                                                       | 1   |      |
| 14    | 0084       | 888416T04   | HARNESS ASSEMBLY DTS, Clean Power, 15 Feet Clean Power |                                                       | 1   |      |
| 15    | 0000       | 862646      | FUSE Tan - 5 Ampere                                    |                                                       | 1   |      |
| 16    | 0000       | 828054      | COVER Fuse                                             |                                                       | 1   |      |

## Cool Fuel System SN 1A349419 &amp; Below

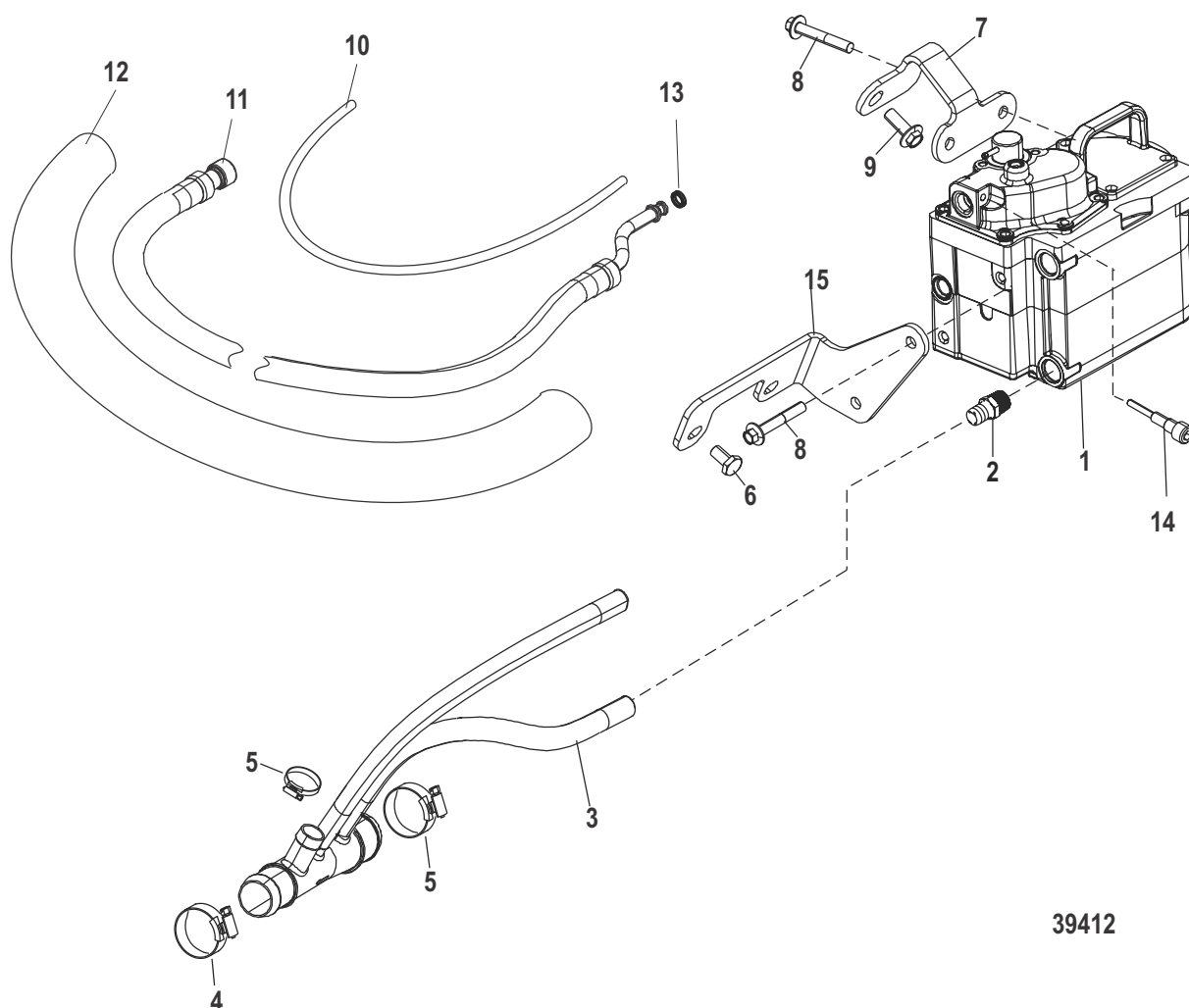


19054

## Cool Fuel System SN 1A349419 &amp; Below

| Ref # | Part Class | Part Number | Description                                   | Comments | Qty | Note |
|-------|------------|-------------|-----------------------------------------------|----------|-----|------|
| 1     | 0000       | 864650A05   | MODULE KIT Fuel Pump                          |          | 1   |      |
| 2     | 0000       | 864597T     | BRACKET                                       |          | 1   |      |
| 3     | 0010       | 4010720     | SCREW (M8 x 20)                               |          | 4   |      |
| 4     | 0010       | 4010820     | SCREW (M10 x 20) Hex Flange - Stainless Steel |          | 1   |      |
| 5     | 0000       | 864468T     | BRACKET                                       |          | 1   |      |
| 6     | 0010       | 40001195    | SCREW (M10 x 30)                              |          | 2   |      |
| 7     | 0022       | 865208T01   | HOSE ASSEMBLY 3 Bib Orifice Meter             |          | 1   |      |
| 8     | 0054       | 815504212   | CLAMP Worm Gear Hose                          |          | 2   |      |
| 9     | 0054       | 8M2001489   | CLAMP (32 - 50 mm)                            |          | 1   |      |
| 10    | 0032       | 80617382    | HOSE (58.00 Inches Bulk)                      |          | 1   |      |
| 11    | 0032       | 8M2005176   | LINE Fuel Fuel Module to Fuel Rail            |          | 1   |      |
| 12    |            | NSS         | NOT SOLD SEPARATE Insulator Sleeve            |          | 1   |      |
| 13    | 0026       | 863151      | SEAL Quad Ring                                |          | 1   |      |
| 14    | 0010       | 866114      | SCREW (.250-28) Special                       |          | 1   |      |

## Cool Fuel System SN 1A349420 &amp; Above

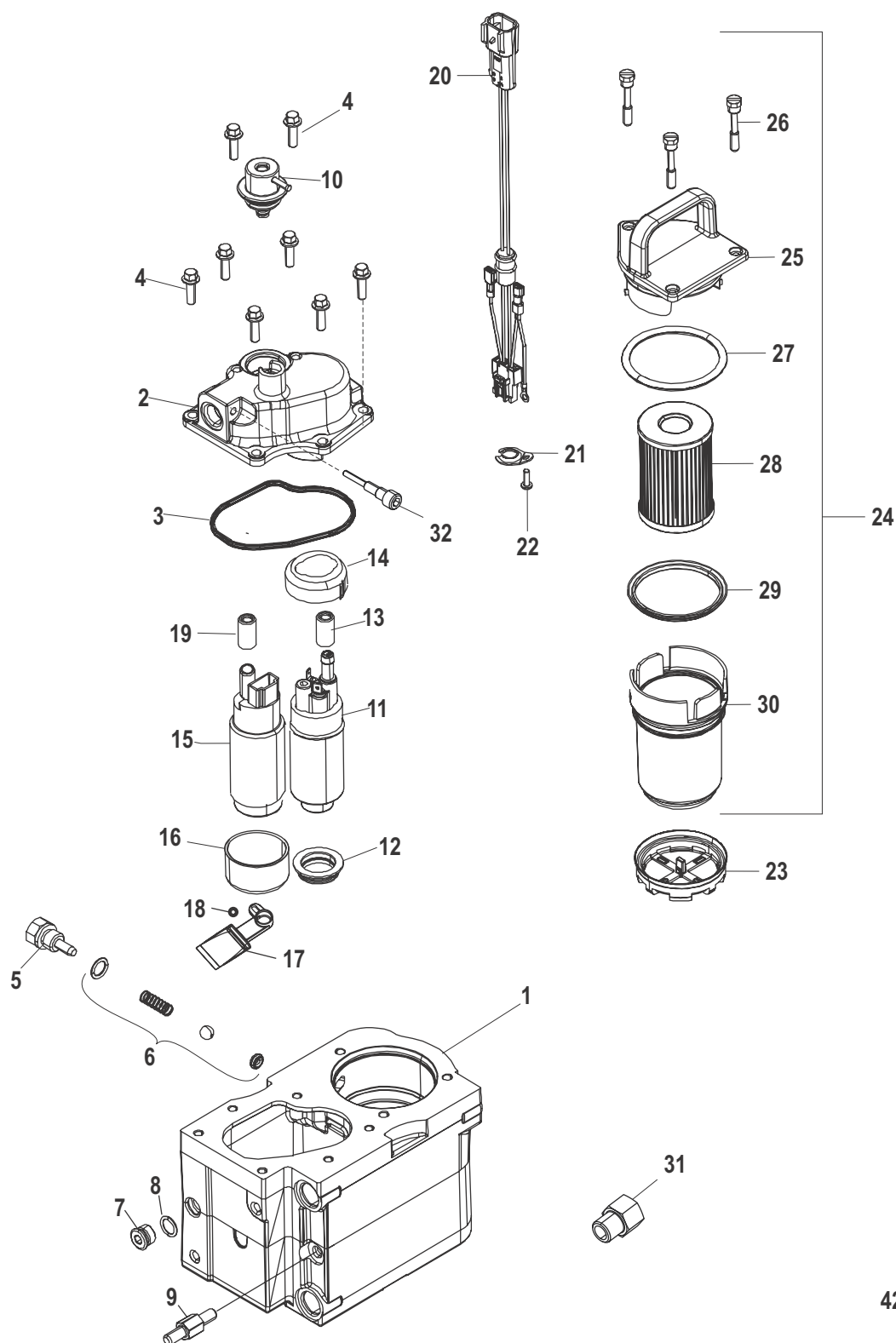


39412

**Cool Fuel System SN 1A349420 & Above**

| Ref # | Part Class | Part Number | Description                                   | Comments | Qty | Note |
|-------|------------|-------------|-----------------------------------------------|----------|-----|------|
| 1     | 0000       | 864650A13   | MODULE KIT Fuel Pump, Complete                |          | 1   |      |
| 2     | 0022       | 8M2010476   | FITTING (3/8-18)                              |          | 2   |      |
| 3     | 0022       | 865208T01   | HOSE ASSEMBLY 3 Bib Orifice Meter             |          | 1   |      |
| 4     | 0054       | 8M2001489   | CLAMP (32 - 50 mm)                            |          | 1   |      |
| 5     | 0054       | 815504206   | CLAMP Worm Gear Hose                          |          | 2   |      |
| 6     | 0010       | 40001195    | SCREW (M10 x 30)                              |          | 2   |      |
| 7     | 0000       | 864597T     | BRACKET                                       |          | 1   |      |
| 8     | 0010       | 4010720     | SCREW (M8 x 20)                               |          | 4   |      |
| 9     | 0010       | 4010820     | SCREW (M10 x 20) Hex Flange - Stainless Steel |          | 1   |      |
| 10    | 0032       | 80617382    | HOSE (58.00 Inches Bulk)                      |          | 1   |      |
| 11    | 0032       | 8M2005176   | LINE Fuel Fuel Module to Fuel Rail            |          | 1   |      |
| 12    |            | NSS         | NOT SOLD SEPARATE<br>INSULATOR SLEEVE         |          | 1   |      |
| 13    | 0026       | 863151      | SEAL Quad Ring                                |          | 1   |      |
| 14    | 0010       | 866114      | SCREW (.250-28) Special                       |          | 1   |      |
| 15    | 0000       | 864468T     | BRACKET                                       |          | 1   |      |

# Fuel Module Components -Bravo (SN 1A349419 & Below)



42914

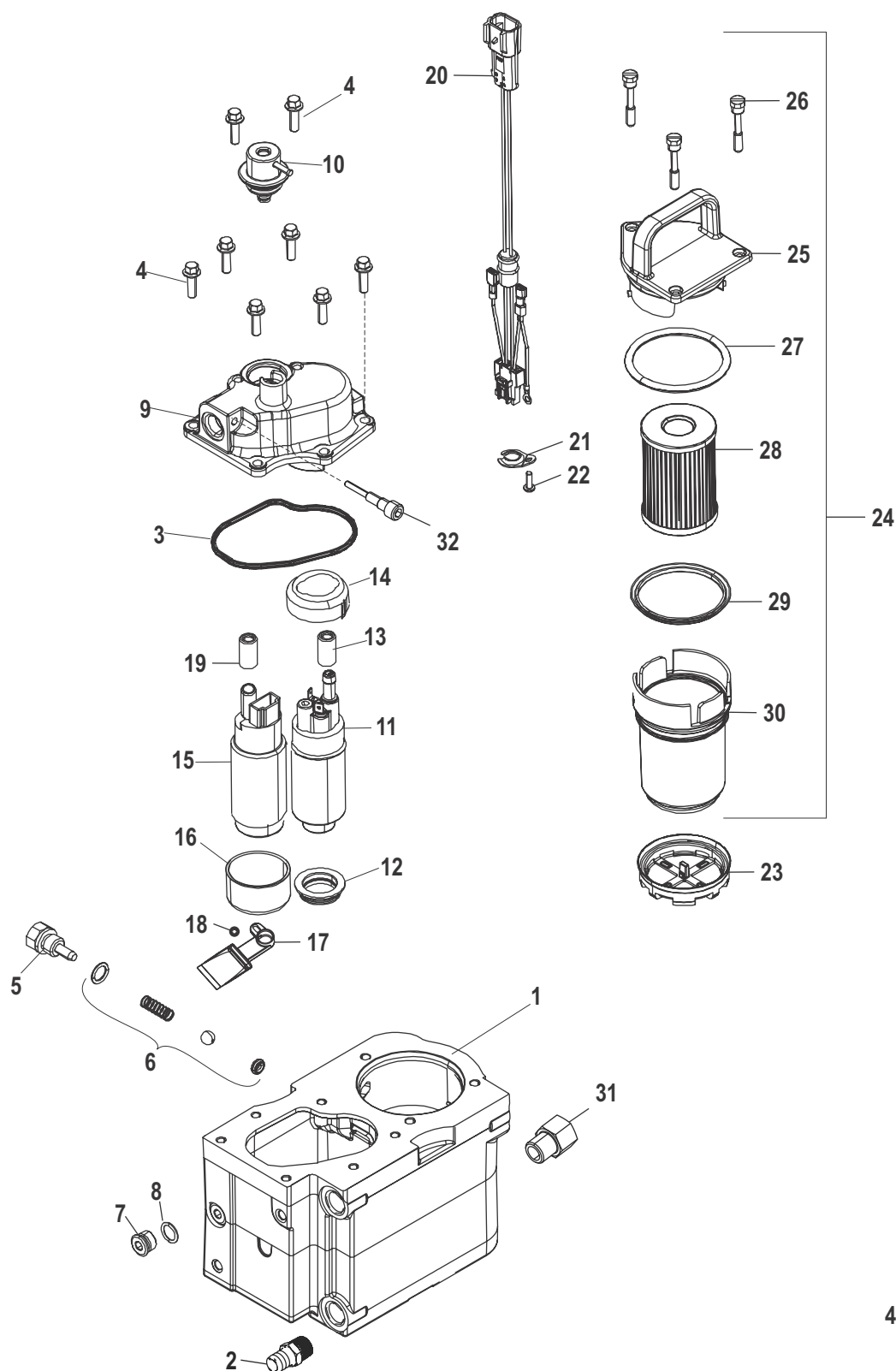
## Fuel Module Components -Bravo (SN 1A349419 &amp; Below)

| Ref # | Part Class | Part Number | Description                                  | Comments | Qty | Note |
|-------|------------|-------------|----------------------------------------------|----------|-----|------|
| -     | 0000       | 864650A05   | MODULE KIT Fuel Pump Complete                |          | 1   |      |
| 1     | 0000       | 892664      | HOUSING Fuel Module                          |          | 1   |      |
| 2     | 0000       | 892677      | COVER Fuel Module Housing                    |          | 1   |      |
| 3     | 0026       | 892683      | SEAL                                         |          | 1   | [1]  |
| 4     | 0010       | 892684      | SCREW                                        |          | 8   |      |
| 5     | 0000       | 892670A01   | CHECK VALVE KIT                              |          | 1   |      |
| 6     |            | NSS         | NOT SOLD SEPARATE Check Valve                |          | 1   |      |
| 7     |            | NSS         | NOT SOLD SEPARATE Plug                       |          | 1   |      |
| 8     |            | NSS         | NOT SOLD SEPARATE Seal                       |          | 1   |      |
| 9     | 0016       | 865326      | STUD (M8 x 30)                               |          | 1   |      |
| 10    | 0000       | 892681      | REGULATOR                                    |          | 1   |      |
| 11    | 0000       | 866170A01   | PUMP ASSEMBLY Fuel - Low Pressure            |          | 1   |      |
| 12    |            | NSS         | NOT SOLD SEPARATE Seal                       |          | 1   | [1]  |
| 13    |            | NSS         | NOT SOLD SEPARATE Seal                       |          | 1   | [1]  |
| 14    |            | NSS         | NOT SOLD SEPARATE Isolator, Lift Pump        |          | 1   | [1]  |
| 15    | 0000       | 866169A01   | PUMP ASSEMBLY Fuel - High Pressure           |          | 1   |      |
| 16    |            | NSS         | NOT SOLD SEPARATE Isolator                   |          | 1   | [1]  |
| 17    | 0035       | 8M2018790   | FILTER Pump Suction                          |          | 1   |      |
| 18    | 0054       | 8M2018792   | CLIP                                         |          | 1   |      |
| 19    |            | NSS         | NOT SOLD SEPARATE Seal                       |          | 1   | [1]  |
| 20    | 0084       | 895013A02   | HARNESS ASSEMBLY                             |          | 1   |      |
| 21    |            | NSS         | NOT SOLD SEPARATE Retainer                   |          | 1   |      |
| 22    |            | NSS         | NOT SOLD SEPARATE Screw                      |          | 1   |      |
| 23    | 0035       | 892665      | FILTER Fuel                                  |          | 1   |      |
| 24    | 0035       | 892687A02   | CARTRIDGE ASSEMBLY Fuel Filter               |          | 1   |      |
| 25    |            | NSS         | NOT SOLD SEPARATE Cap, Fuel Filter Cartridge |          | 1   |      |
| 26    |            | NSS         | NOT SOLD SEPARATE Screw                      |          | 3   |      |
| 27    |            | NSS         | NOT SOLD SEPARATE Seal                       |          | 1   | [1]  |
| 28    | 0035       | 866171A01   | FILTER                                       |          | 1   | [2]  |
| 29    |            | NSS         | NOT SOLD SEPARATE Seal                       |          | 1   | [1]  |
| 30    |            | NSS         | NOT SOLD SEPARATE Cup, Fuel Filter Cartridge |          | 1   |      |
| 31    | 0022       | 88517       | FITTING Reducing                             |          | 1   |      |
| 32    | 0010       | 866114      | SCREW (.250-28) Special                      |          | 1   |      |

## PART NOTES:

- [1] - Component of Seal Kit 892683A01  
 [2] - Supersedes to 8M0093688 Which Now Includes Cap Seal and Filter Seal

# Fuel Module Components -Bravo (SN 1A349420 & Above)



42915

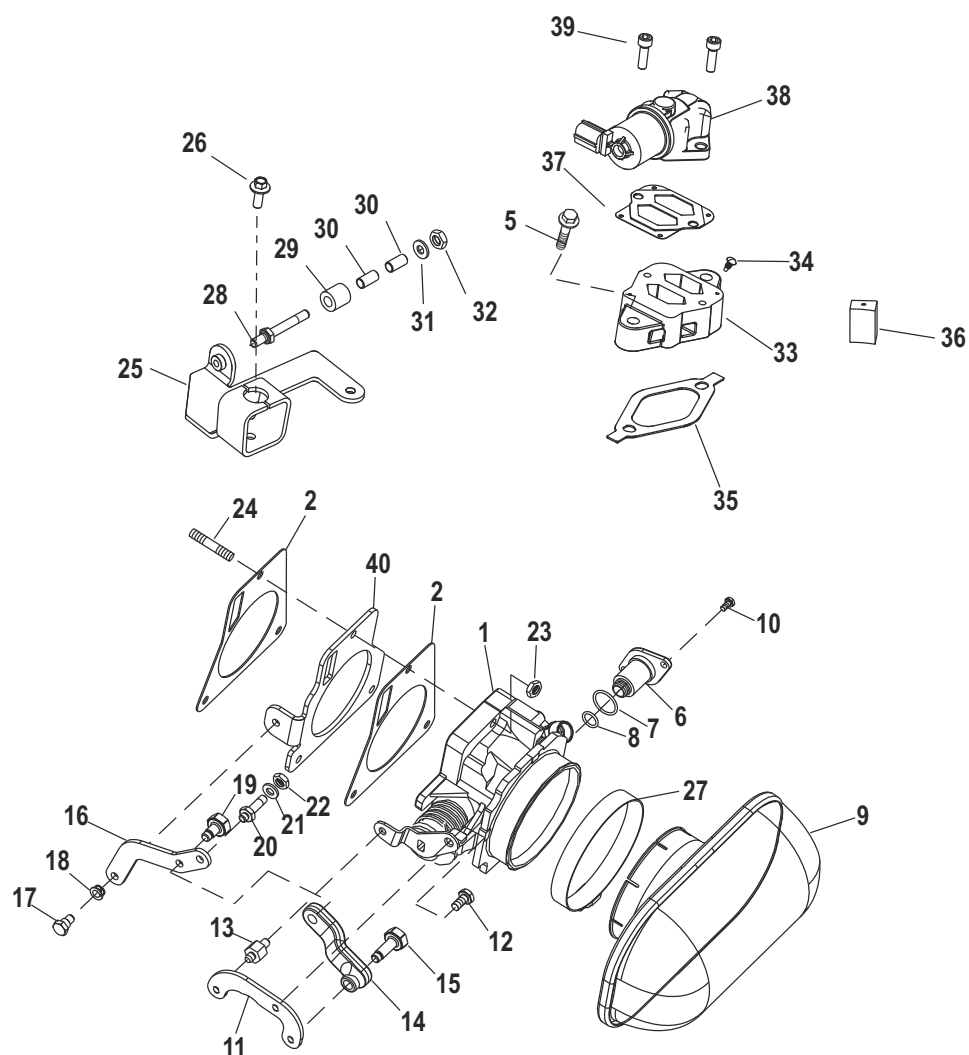
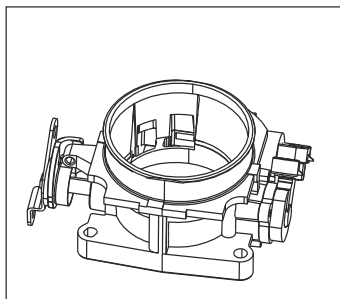
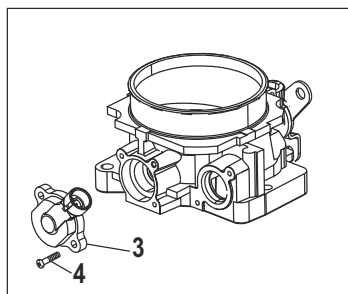
## Fuel Module Components -Bravo (SN 1A349420 &amp; Above)

| Ref # | Part Class | Part Number | Description                                  | Comments | Qty | Note |
|-------|------------|-------------|----------------------------------------------|----------|-----|------|
| -     | 0000       | 864650A13   | MODULE KIT Fuel Pump, Complete               |          | 1   |      |
| 1     | 0000       | 864650A14   | HOUSING Fuel Module                          |          | 1   |      |
| 2     | 0022       | 8M2010476   | FITTING (3/8-18)                             |          | 2   |      |
| 3     | 0026       | 892683      | SEAL                                         |          | 1   | [1]  |
| 4     | 0010       | 892684      | SCREW                                        |          | 8   |      |
| 5     | 0000       | 892670A01   | CHECK VALVE KIT                              |          | 1   |      |
| 6     |            | NSS         | NOT SOLD SEPARATE Check Valve                |          | 1   |      |
| 7     |            | NSS         | NOT SOLD SEPARATE Plug                       |          | 1   |      |
| 8     |            | NSS         | NOT SOLD SEPARATE Seal                       |          | 1   |      |
| 9     | 0000       | 892677      | COVER Fuel Module Housing                    |          | 1   |      |
| 10    | 0000       | 892681      | REGULATOR                                    |          | 1   |      |
| 11    | 0000       | 866170A01   | PUMP ASSEMBLY Fuel - Low Pressure            |          | 1   |      |
| 12    |            | NSS         | NOT SOLD SEPARATE Seal                       |          | 1   | [1]  |
| 13    |            | NSS         | NOT SOLD SEPARATE Seal                       |          | 1   | [1]  |
| 14    |            | NSS         | NOT SOLD SEPARATE Isolator, Lift Pump        |          | 1   | [1]  |
| 15    | 0000       | 866169A01   | PUMP ASSEMBLY Fuel - High Pressure           |          | 1   |      |
| 16    |            | NSS         | NOT SOLD SEPARATE Isolator                   |          | 1   | [1]  |
| 17    | 0035       | 8M2018790   | FILTER Pump Suction                          |          | 1   |      |
| 18    | 0054       | 8M2018792   | CLIP                                         |          | 1   |      |
| 19    |            | NSS         | NOT SOLD SEPARATE Seal                       |          | 1   | [1]  |
| 20    | 0084       | 895013A02   | HARNESS ASSEMBLY                             |          | 1   |      |
| 21    |            | NSS         | NOT SOLD SEPARATE Retainer                   |          | 1   |      |
| 22    |            | NSS         | NOT SOLD SEPARATE Screw                      |          | 1   |      |
| 23    | 0035       | 892665      | FILTER Fuel                                  |          | 1   |      |
| 24    | 0035       | 892687A02   | CARTRIDGE ASSEMBLY Fuel Filter               |          | 1   |      |
| 25    |            | NSS         | NOT SOLD SEPARATE Cap, Fuel Filter Cartridge |          | 1   |      |
| 26    |            | NSS         | NOT SOLD SEPARATE Screw                      |          | 3   |      |
| 27    |            | NSS         | NOT SOLD SEPARATE Seal                       |          | 1   | [1]  |
| 28    | 0035       | 866171A01   | FILTER                                       |          | 1   | [2]  |
| 29    |            | NSS         | NOT SOLD SEPARATE Seal                       |          | 1   | [1]  |
| 30    |            | NSS         | NOT SOLD SEPARATE Cup, Fuel Filter Cartridge |          | 1   |      |
| 31    | 0022       | 88517       | FITTING Reducing                             |          | 1   |      |
| 32    | 0010       | 866114      | SCREW (.250-28) Special                      |          | 1   |      |

## PART NOTES:

- [1] - Component of Seal Kit 892683A01  
 [2] - Supersedes to 8M0093688 Which Now Includes Cap Seal and Filter Seal

## Throttle Body Mechanical Throttle-Shift



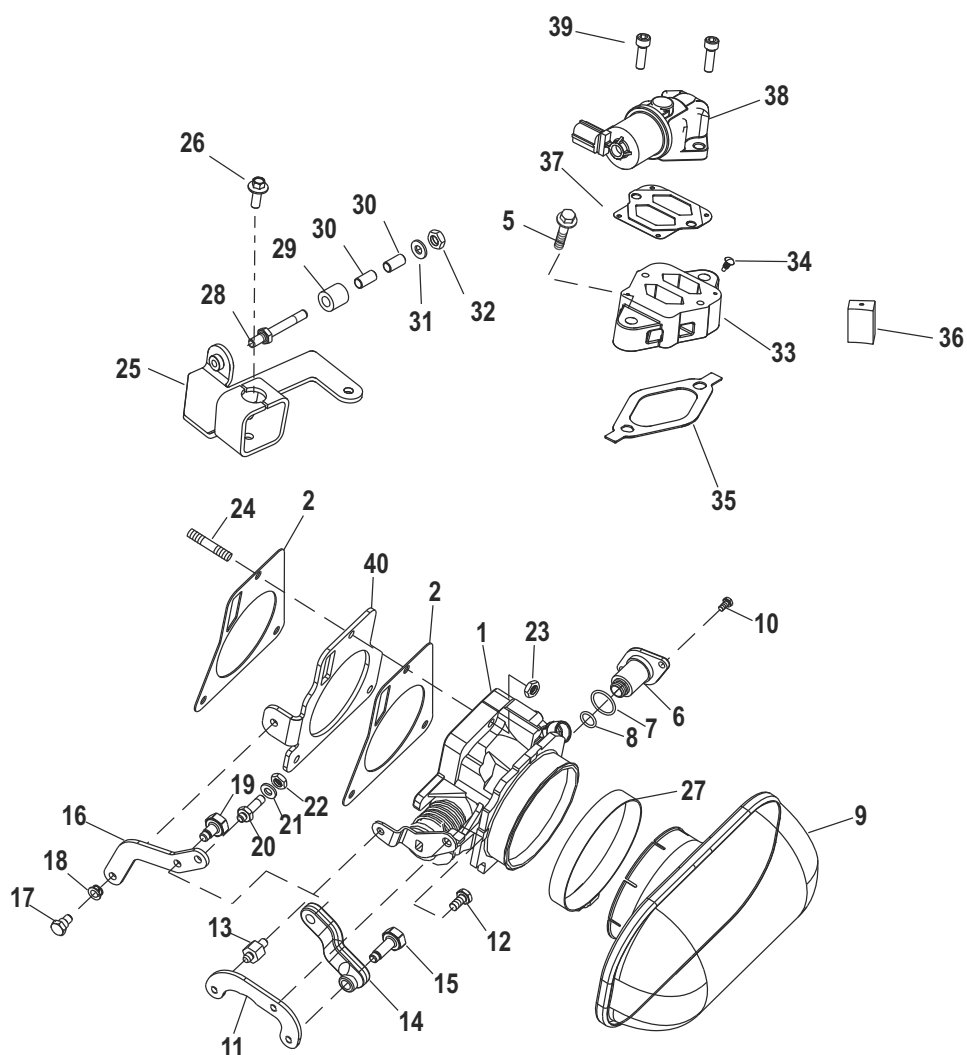
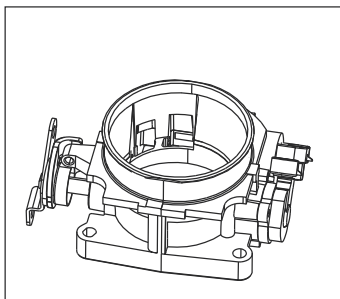
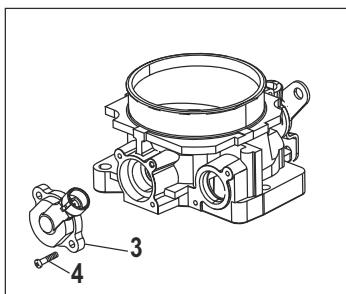
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## Throttle Body Mechanical Throttle-Shift

| Ref # | Part Class | Part Number | Description                                    | Comments  | Qty | Note |
|-------|------------|-------------|------------------------------------------------|-----------|-----|------|
| 1     | 0000       | 879288T50   | THROTTLE BODY ASSEMBLY<br>Base and High Output |           | 1   |      |
| 2     | 0027       | 863215      | GASKET Throttle Body                           |           | 2   | [1]  |
| 3     | 0000       | 853678T     | SENSOR TPS Includes O-Ring                     |           | 1   |      |
| 4     | 0010       | 853680      | SCREW KIT                                      |           | 1   |      |
| 5     | 0010       | 40011151    | SCREW (M8 x 35) Stainless Steel                |           | 2   |      |
| 6     | 0000       | 862999002   | PLUG Adaptor, Intake Air Control               |           | 1   |      |
| 7     | 0025       | 808547      | O-RING                                         |           | 1   |      |
| 8     | 0025       | 863006      | O-RING (10.82 x 1.78)                          |           | 1   |      |
| 9     | 0000       | 863085T     | FLAME ARRESTOR                                 |           | 1   |      |
| 10    | 0010       | 805400      | SCREW (#8-32 x .500) Stainless Steel           |           | 2   |      |
| 11    | 0000       | 863135      | LEVER Throttle                                 |           | 1   |      |
| 12    | 0010       | 64014       | SCREW (.250-28 x .500)                         |           | 1   |      |
| 13    | 0016       | 863345      | STUD Special                                   |           | 1   |      |
| 14    | 0000       | 863214      | LINK                                           |           | 1   |      |
| 15    | 0000       | 805533      | SCREW (M8 x 35)                                |           | 1   |      |
| 16    | 0000       | 8631541     | ARM Cable                                      |           | 1   |      |
| 17    | 0010       | 863380      | SCREW Special                                  |           | 1   |      |
| 18    | 0023       | 97896       | BUSHING Flanged                                |           | 1   |      |
| 19    | 0000       | 805398      | PIN Primary Linkage                            |           | 1   |      |
| 20    | 0016       | 805526      | STUD (.250-28 x 1.540)                         |           | 1   |      |
| 21    | 0012       | 20533       | WASHER                                         |           | 1   |      |
| 22    | 0011       | 8267139     | NUT (.250-28)                                  |           | 1   |      |
| 22    | 0011       | 826709109   | NUT (.250-28) Stainless Steel                  | (SEACORE) | 1   |      |
| 23    | 0011       | 863289      | NUT (M6)                                       |           | 3   |      |
| 24    | 0016       | 802561      | STUD                                           |           | 3   |      |
| 25    | 0000       | 8M2005404   | BRACKET Throttle Cable Attaching               |           | 1   |      |
| 26    | 0010       | 4006731     | SCREW (M6 x 16)                                |           | 1   |      |
| 27    | 0054       | 863393      | CLAMP Flame Arrestor                           |           | 1   |      |
| 28    | 0016       | 97477A3     | STUD KIT                                       |           | 1   |      |
| 28    | 0016       | 866641A01   | STUD KIT                                       | (SEACORE) | 1   |      |
| 29    |            | NSS         | NOT SOLD SEPARATE Spacer, Special              |           | 1   |      |
| 30    | 0023       | 31866       | SPACER (.256 x .313 x .625)                    |           | 2   |      |
| 31    | 0012       | 20533       | WASHER                                         |           | 1   |      |
| 32    | 0011       | 8267139     | NUT (.250-28)                                  |           | 1   |      |
| 32    | 0011       | 826709109   | NUT (.250-28) Stainless Steel                  | (SEACORE) | 1   |      |
| 33    | 0000       | 879288A47   | PLATE ASSEMBLY Mounting - Intake Air Control   |           | 1   |      |
| 34    |            | NSS         | NOT SOLD SEPARATE Rivet                        |           | 2   |      |
| 35    | 0027       | 863285      | GASKET Air Valve                               |           | 1   | [1]  |
| 36    | 0035       | 865266      | FILTER                                         |           | 1   |      |
| 37    |            | NSS         | NOT SOLD SEPARATE Gasket, Idle Air Valve       |           | 1   |      |
| 38    | 0000       | 862998      | VALVE Idle Air                                 |           | 1   |      |
| 39    | 0010       | 4010620     | SCREW (M6 x 20) Stainless Steel                |           | 2   |      |

Throttle Body Mechanical Throttle-Shift

## Throttle Body Mechanical Throttle-Shift



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**Cat.# 90-881784005**

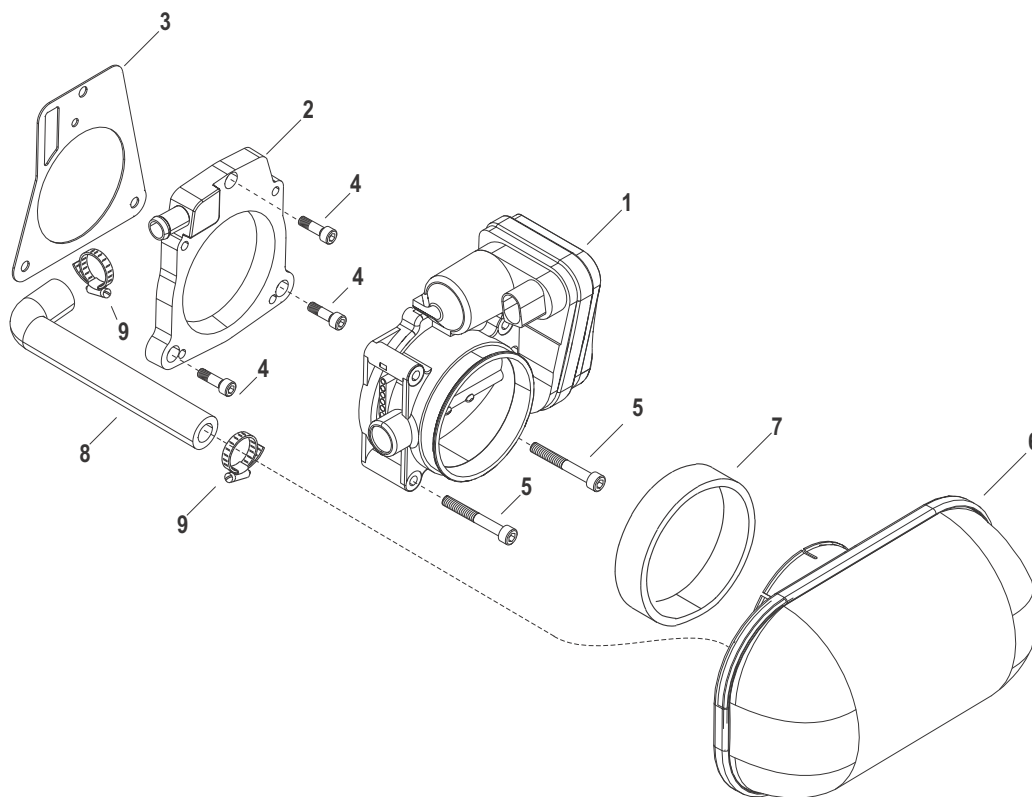
## Throttle Body Mechanical Throttle-Shift

| Ref # | Part Class | Part Number | Description              | Comments | Qty | Note |
|-------|------------|-------------|--------------------------|----------|-----|------|
| 40    | 0000       | 862996      | BRACKET Throttle Linkage |          | 1   |      |

**PART NOTES:**

- [1] - Component of Engine Gasket Set 883231A02  
Component of Engine Gasket Set 889924A03

## Throttle Body Digital Throttle-Shift

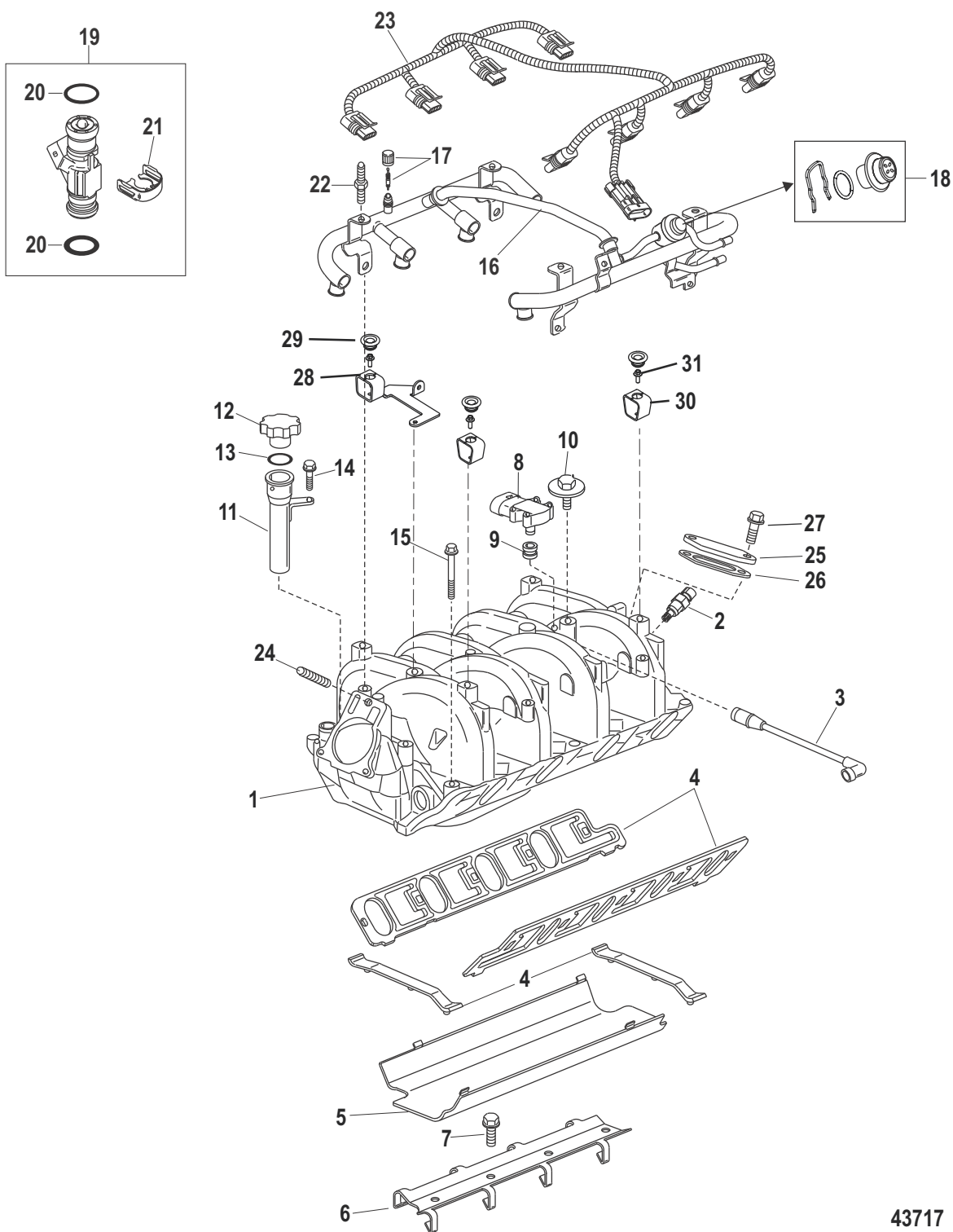


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**Throttle Body Digital Throttle-Shift**

| Ref # | Part Class | Part Number | Description            | Comments  | Qty | Note |
|-------|------------|-------------|------------------------|-----------|-----|------|
| 1     | 0000       | 866592A04   | THROTTLE BODY ASSEMBLY | (Digital) | 1   |      |
| 2     | 0000       | 862538T     | ADAPTER Throttle Body  |           | 1   |      |
| 3     | 0027       | 863215      | GASKET                 |           | 1   |      |
| 4     | 0010       | 4008820     | SCREW (M6 x 20)        |           | 3   |      |
| 5     | 0010       | 4008845     | SCREW (M6 x 45)        |           | 4   |      |
| 6     | 0000       | 862537T     | FLAME ARRESTOR         |           | 1   |      |
| 7     | 0054       | 863393      | CLAMP                  |           | 1   |      |
| 8     | 0032       | 864668      | HOSE                   |           | 1   |      |
| 9     | 0054       | 815504206   | CLAMP Worm Gear        |           | 2   |      |

## Intake Manifold



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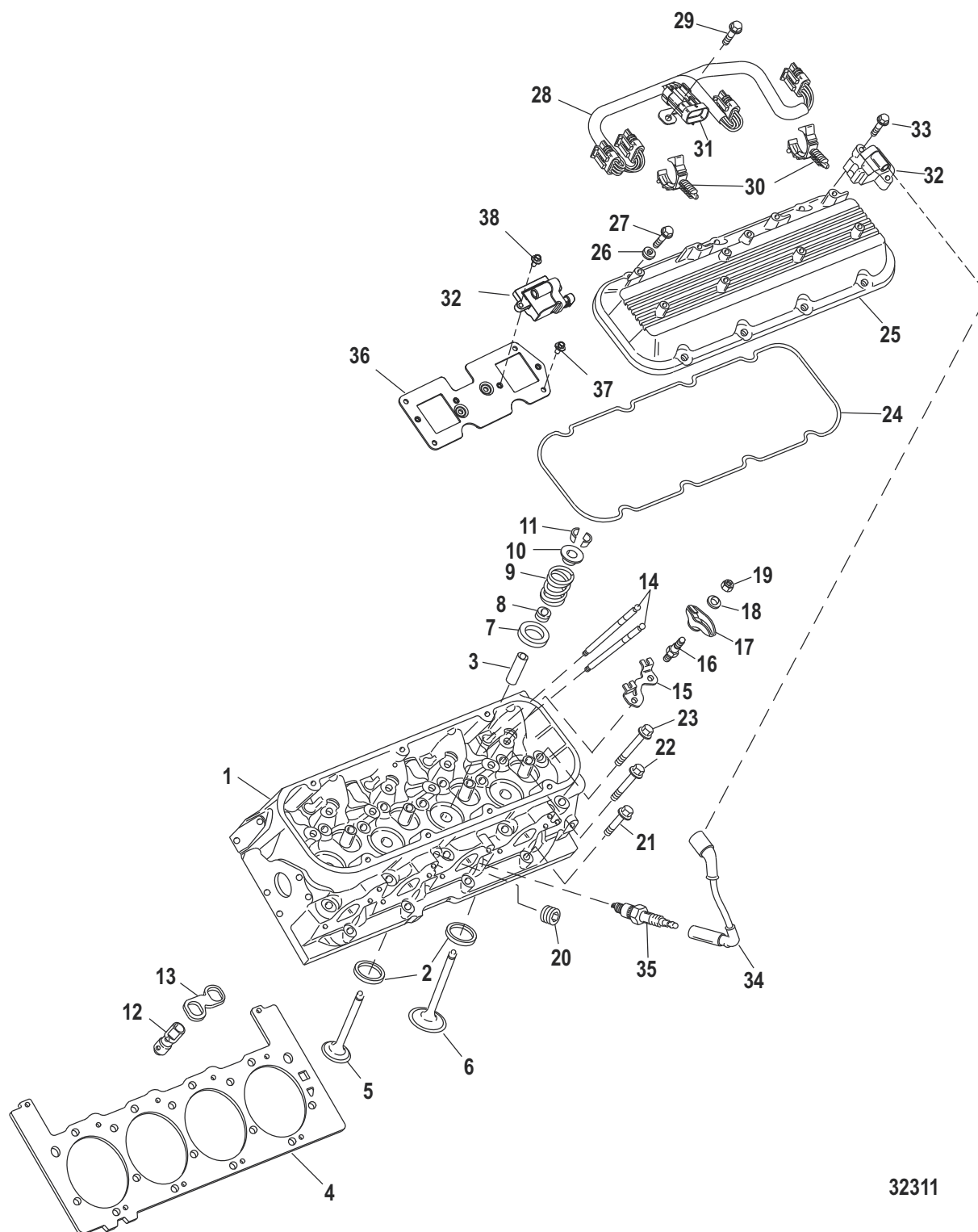
## Intake Manifold

| Ref # | Part Class | Part Number | Description                            | Comments               | Qty | Note |
|-------|------------|-------------|----------------------------------------|------------------------|-----|------|
| 1     | 0000       | 881690001   | MANIFOLD Intake                        |                        | 1   | [1]  |
| 2     | 0000       | 805223T     | SENSOR                                 |                        | 1   |      |
| 3     | 0032       | 881734      | HOSE Fuel Pressure Regulator           |                        | 1   | [1]  |
| 4     | 0027       | 895235      | GASKET SET Intake Manifold and Valley  |                        | 1   | [2]  |
| 5     | 0000       | 881689      | SHIELD Oil Splash                      |                        | 1   | [1]  |
| 6     | 0000       | 845755      | RETAINER Valve Lifter Guide            |                        | 1   | [1]  |
| 7     | 0010       | 881570      | SCREW (M8 x 25 MM)                     |                        | 7   | [1]  |
| 8     | 0000       | 881731      | SENSOR Manifold Air Pressure           |                        | 1   | [1]  |
| 9     | 0025       | 881733      | SEAL Manifold Air Pressure Sensor      |                        | 1   | [1]  |
| 10    | 0010       | 881646      | SCREW (M6 x 20)                        |                        | 1   | [1]  |
| 11    | 0000       | 864996      | TUBE Oil Fill                          |                        | 1   | [1]  |
| 12    | 0000       | 864997      | CAP Oil Fill Tube                      |                        | 1   | [1]  |
| 13    |            | NSS         | NOT SOLD SEPARATE Seal, Oil Fill Cap   |                        | 1   | [1]  |
| 14    | 0010       | 881645      | BOLT (M6 x 20) Oil Fill Tube           |                        | 1   | [1]  |
| 15    | 0010       | 895234001   | SCREW (M6 x 73)                        |                        | 10  | [1]  |
| 16    | 0000       | 881691002   | FUEL RAIL Fuel Injection               |                        | 1   | [1]  |
| 17    | 0022       | 802631      | VALVE AND CAP KIT Fuel Pressure Port   |                        | 1   | [1]  |
| 18    | 0000       | 8M0046753   | REGULATOR KIT Fuel Pressure            |                        | 1   |      |
| 19    | 0000       | 881693      | INJECTOR 3 hole pintle                 |                        | 8   | [1]  |
| 19    | 0000       | 881693001   | INJECTOR 2 hole pintle                 |                        | 8   | [1]  |
| 20    | 0025       | 881694001   | SEAL KIT                               |                        | 1   | [1]  |
| 21    | 0000       | 881695001   | RETAINER KIT Fuel Injector             |                        | 1   | [1]  |
| 22    | 0016       | 881968001   | STUD Fuel Injection Rail               |                        | 2   | [1]  |
| 23    | 0084       | 889503      | HARNESS ASSEMBLY Fuel Injection Wiring |                        | 1   | [1]  |
| 24    | 0016       | 802561      | STUD Throttle Body                     |                        | 3   | [1]  |
| 25    |            | NSS         | NOT SOLD SEPARATE Plate, Block Off     | Digital Throttle Shift | 1   |      |
| 26    | 0027       | 863285      | GASKET                                 | Digital Throttle Shift | 1   |      |
| 27    | 0010       | 881586      | SCREW (M8 x 30)                        | Digital Throttle Shift | 2   |      |
| 28    | 0000       | 8M2005404   | BRACKET                                |                        | 1   |      |
| 29    | 0025       | 8M2001671   | GROMMET                                |                        | 4   |      |
| 30    | 0000       | 8M2003380   | BRACKET Mount, Cover                   | Mechanical             | 3   |      |
| 30    | 0000       | 8M2003380   | BRACKET Mount, Cover                   | Digital Throttle       | 4   |      |
| 31    | 0010       | 4010612     | SCREW (M6 x 12) Stainless Steel        |                        | 5   |      |

## PART NOTES:

- [1] - Component of Longblock Assembly-High Output 865754A01  
Component of Longblock Assembly-Base 865752A01
- [2] - Component of Engine Gasket Set 889924A03  
Component of Longblock Assembly-High Output 865754A01  
Component of Longblock Assembly-Base 865752A01

## Cylinder Head



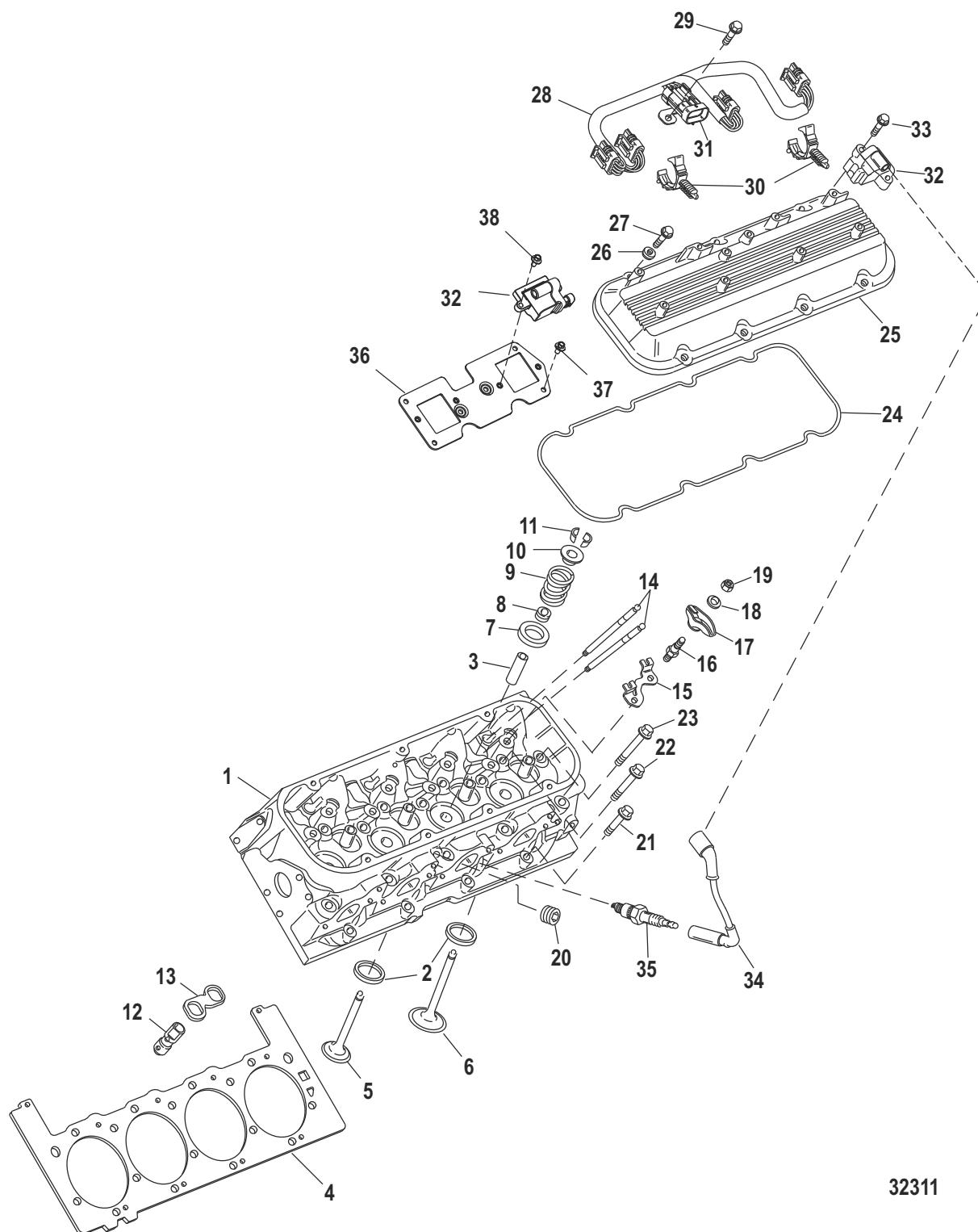
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## Cylinder Head

| Ref # | Part Class | Part Number | Description                           | Comments               | Qty | Note |
|-------|------------|-------------|---------------------------------------|------------------------|-----|------|
| 1     | 0938       | 881684001   | CYLINDER HEAD                         | Starboard              | 1   | [1]  |
| 1     | 0938       | 881685001   | CYLINDER HEAD                         | Port                   | 1   | [2]  |
| 2     |            | NSS         | NOT SOLD SEPARATE Seat                |                        |     | [3]  |
| 3     |            | NSS         | NOT SOLD SEPARATE Guide, Valve        |                        |     | [3]  |
| 4     | 0027       | 881631      | GASKET Cylinder Head                  | Port                   | 1   | [4]  |
| 4     | 0027       | 879150064   | GASKET Cylinder Head                  | Starboard              | 1   | [4]  |
| 5     | 0000       | 881674      | VALVE Intake                          | Standard               | 8   | [3]  |
| 5     | 0000       | 881675      | VALVE Intake                          | (.003) Over Size       | AR  |      |
| 5     | 0000       | 881676      | VALVE Intake                          | (.015) Over Size       | AR  |      |
| 5     | 0000       | 881677      | VALVE Intake                          | (.030) Over Size       | AR  |      |
| 6     | 0000       | 891713      | VALVE Exhaust                         | Standard               | 8   | [3]  |
| 6     | 0000       | 881679      | VALVE Exhaust                         | (.003) Over Size       | AR  |      |
| 6     | 0000       | 881680      | VALVE Exhaust                         | (.015) Over Size       | AR  |      |
| 6     | 0000       | 881681      | VALVE Exhaust                         | (.030) Over Size       | AR  |      |
| 7     | 0000       | 850463      | ROTATOR Valve                         |                        | 8   | [3]  |
| 8     | 0026       | 881637      | SEAL Valve Stem Oil                   |                        | 16  | [4]  |
| 9     | 0024       | 881672001   | SPRING Valve                          |                        | 16  | [3]  |
| 10    | 0000       | 850464      | CAP Valve Spring                      |                        | 8   | [3]  |
| 11    | 0028       | 54530       | KEY Valve Stem                        |                        | 32  | [3]  |
| 12    | 0000       | 850467      | LIFTER Valve                          |                        | 16  | [3]  |
| 13    | 0000       | 845754      | GUIDE Valve Lifter                    |                        | 8   | [3]  |
| 14    | 0000       | 881682      | PUSH ROD Intake                       |                        | 8   | [3]  |
| 14    | 0000       | 881683      | PUSH ROD Exhaust                      |                        | 8   | [3]  |
| 15    | 0000       | 881686      | GUIDE Rocker Arm                      |                        | 8   | [3]  |
| 16    | 0016       | 881635      | STUD                                  |                        | 16  | [3]  |
| 17    | 0000       | 881687      | ARM                                   |                        | 16  | [3]  |
| 18    | 0000       | 58041       | BALL                                  |                        | 16  | [3]  |
| 19    | 0011       | 801883      | NUT                                   |                        | 12  | [3]  |
| 20    | 0022       | 75983       | PLUG                                  |                        | 2   | [3]  |
| 21    | 0010       | 881642A01   | BOLT KIT                              |                        | 1   | [3]  |
| 22    |            | NSS         | NOT SOLD SEPARATE SCREW (M10x86)      | Component Of 881642A01 | AR  |      |
| 23    |            | NSS         | NOT SOLD SEPARATE SCREW (M10x103)     | Component Of 881642A01 | AR  |      |
| 24    | 0027       | 881622      | GASKET Cylinder Head Cover            |                        | 2   | [4]  |
| 25    | 0000       | 891870      | COVER Cylinder Head                   |                        | 2   | [3]  |
| 26    | 0027       | 881621      | GASKET                                |                        | 14  | [3]  |
| 27    | 0010       | 881623      | SCREW (M6 x 1)                        |                        | 14  | [3]  |
| 28    | 0084       | 891886      | HARNESS ASSEMBLY Ignition Coil Wiring |                        | 1   | [3]  |
| 29    | 0010       | 881648      | BOLT (M6 x 13)                        |                        | 4   | [3]  |
| 30    | 0054       | 881722      | CLIP Wiring Harness                   |                        | 2   | [3]  |
| 31    | 0086       | 881723      | CONNENCTOR Harness to Harness         |                        | 1   | [3]  |
| 32    | 0392       | 889925      | COIL Ignition                         |                        | 8   | [3]  |
| 33    | 0010       | 881647      | SCREW                                 |                        | 16  | [3]  |

## Cylinder Head

## Cylinder Head



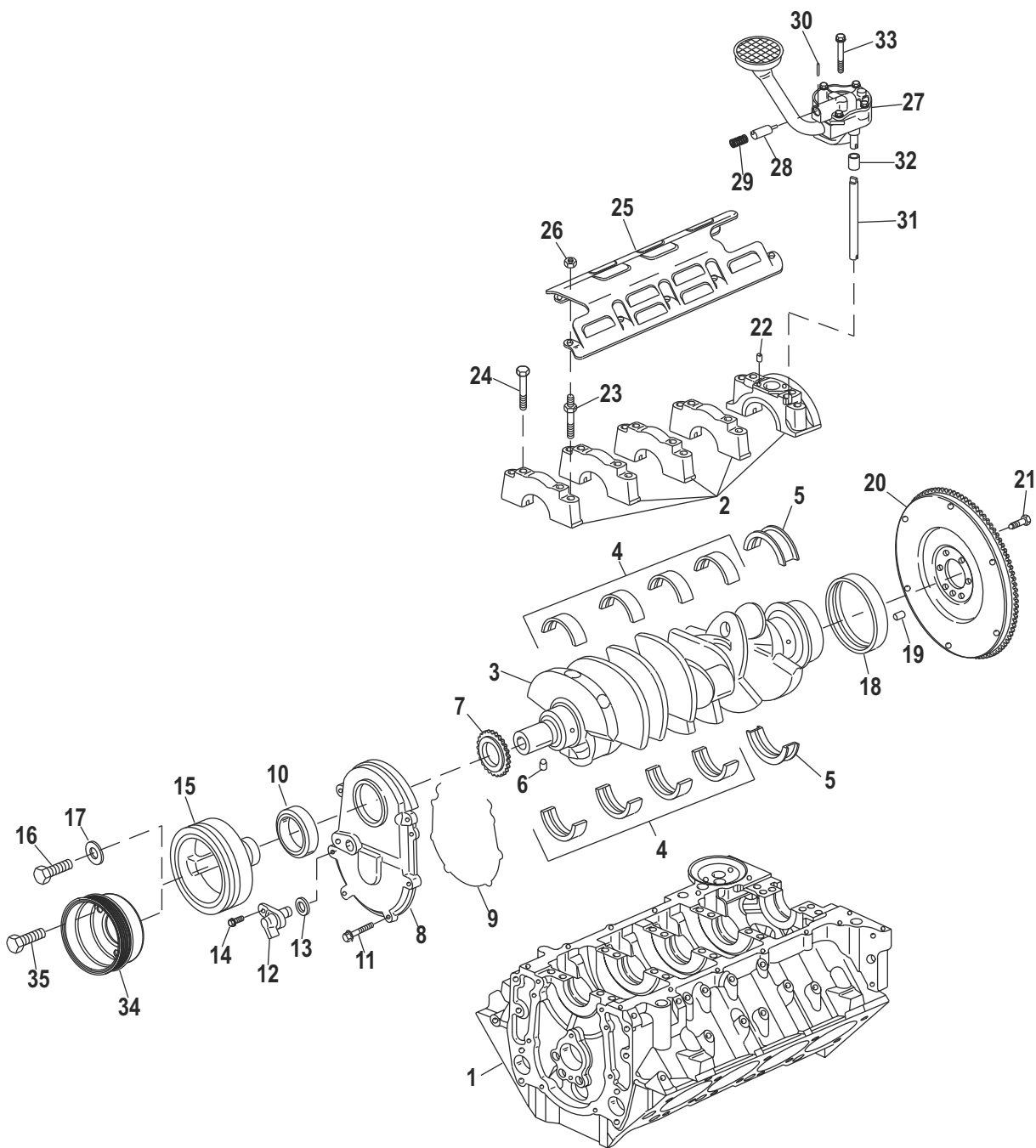
## Cylinder Head

| Ref # | Part Class | Part Number | Description                                                  | Comments                         | Qty | Note |
|-------|------------|-------------|--------------------------------------------------------------|----------------------------------|-----|------|
| 34    | 0084       | 881698      | WIRE KIT (8 Leads) Spark Plug                                |                                  | 1   | [3]  |
| 34    | 0084       | 888740      | WIRE Individual Spark Plug                                   | Use with Cylinders 1, 2, 7 and 8 | 4   |      |
| 34    | 0084       | 888741      | WIRE Individual Spark Plug                                   | Use with Cylinders 3, 4, 5 and 6 | 4   |      |
| 35    | 0033       | 863622001   | SPARK PLUG                                                   |                                  | 8   | [3]  |
| 36    | 0000       | 866622      | BRACKET Coil                                                 |                                  | 2   |      |
| 37    | 0010       | 4010610     | SCREW (M6 x 10) Stainless Steel Coil Bracket to Rocker Cover |                                  | 12  |      |
| 38    | 0010       | 4010618     | SCREW (M6 x 18) Stainless Steel Coil to Coil Bracket         |                                  | 8   |      |
| NS    | 0000       | 881720      | RETAINER (2 Spark Plug Wire)                                 |                                  | AR  |      |
| NS    | 0000       | 883924      | RETAINER Conduit                                             |                                  | AR  |      |

## PART NOTES:

- [1] - Alternate part numbers:  
881684001QS  
8M0091709Kit  
Component of Longblock Assembly-High Output 865754A01  
Component of Longblock Assembly-Base 865752A01
- [2] - Alternate part numbers:  
881685001QS  
8M0090760Kit  
Component of Longblock Assembly-High Output 865754A01  
Component of Longblock Assembly-Base 865752A01
- [3] - Component of Longblock Assembly-High Output 865754A01  
Component of Longblock Assembly-Base 865752A01
- [4] - Component of Engine Gasket Set 889924A03  
Component of Longblock Assembly-High Output 865754A01  
Component of Longblock Assembly-Base 865752A01

## Block Crankshaft, Oil Pump and Front Cover



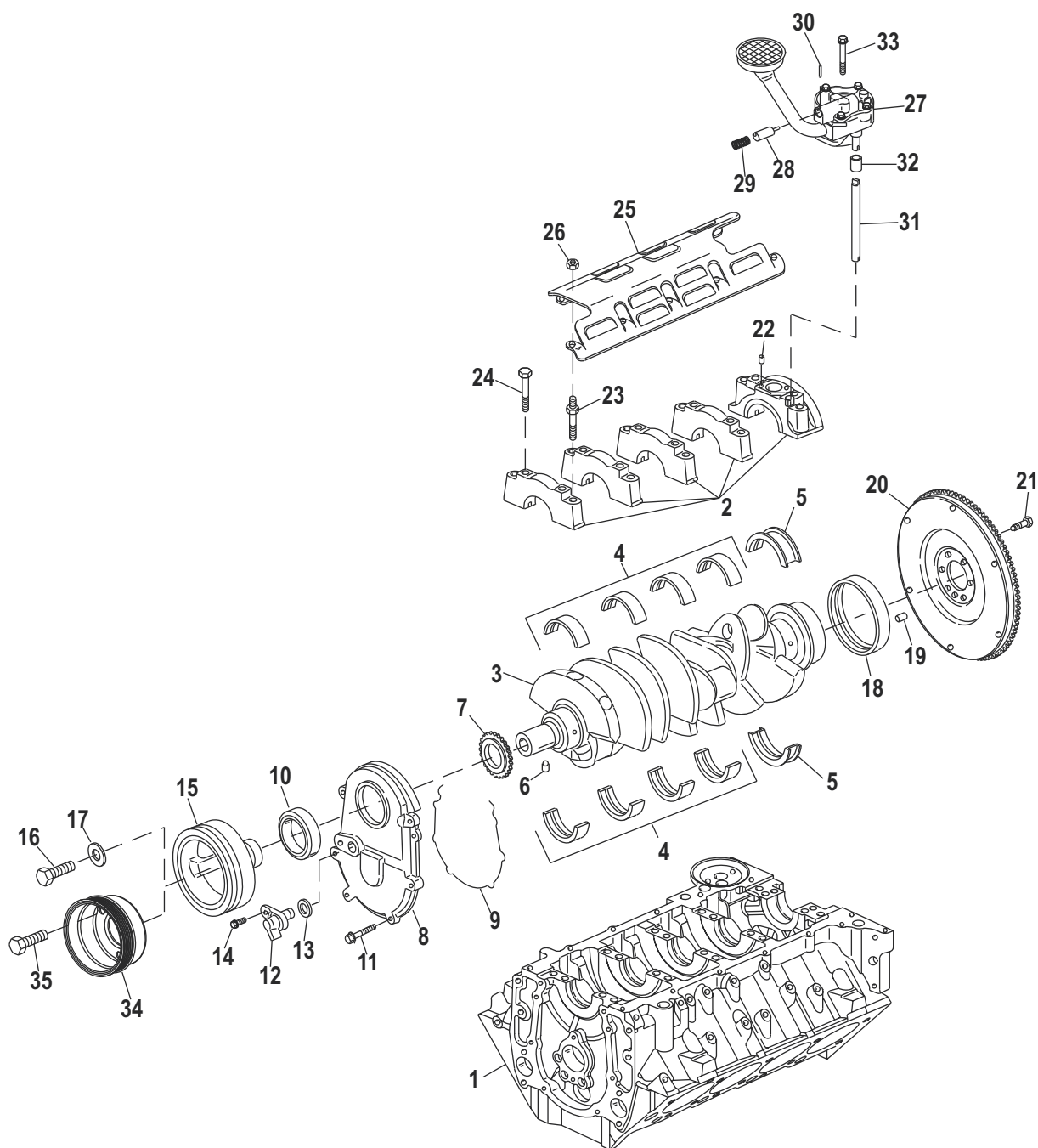
4819

## Block Crankshaft, Oil Pump and Front Cover

| Ref # | Part Class | Part Number | Description                                      | Comments                 | Qty | Note |
|-------|------------|-------------|--------------------------------------------------|--------------------------|-----|------|
| NS    | 0000       | 865752A01   | Longblock Assembly Base                          |                          | 1   | [1]  |
| NS    | 0000       | 865754A01   | Longblock Assembly High Output                   |                          | 1   | [2]  |
| 1     |            | NSS         | NOT SOLD SEPARATE Engine Block                   | Order Longblock Assembly | 1   |      |
| 2     |            | NSS         | NOT SOLD SEPARATE Cap, Crankshaft Bearing        |                          | 5   | [3]  |
| 3     | 0429       | 881654001   | CRANKSHAFT                                       |                          | 1   | [3]  |
| 4     | 0023       | 884702      | BEARING KIT                                      |                          | 4   | [3]  |
| 5     | 0023       | 881607      | BEARING KIT Crankshaft Main Thrust               |                          | 1   | [3]  |
| 6     | 0017       | 881605      | PIN Balancer Locating                            |                          | 1   | [3]  |
| 7     | 0043       | 881655      | SPROCKET Crankshaft                              |                          | 1   | [3]  |
| 8     | 0000       | 892616001   | COVER Front                                      |                          | 1   | [3]  |
| 9     | 0027       | 881604      | GASKET Front Cover                               |                          | 1   | [4]  |
| 10    | 0026       | 881613001   | SEAL Front Crankshaft                            |                          | 1   | [4]  |
| 11    | 0010       | 881577001   | SCREW (M6 x 30)                                  |                          | 6   | [3]  |
| 12    | 0000       | 892615001   | SENSOR Camshaft Position                         |                          | 1   | [3]  |
| 13    |            | NSS         | NOT SOLD SEPARATE Seal, Camshaft Position Sensor |                          | 1   | [3]  |
| 14    | 0010       | 881594      | SCREW (M6 x 20)                                  |                          | 1   | [3]  |
| 15    | 0000       | 891769      | BALANCER Crankshaft                              |                          | 1   |      |
| 16    | 0010       | 881587      | SCREW (M16 x 1.5)                                |                          | 1   | [3]  |
| 17    | 0012       | 881614      | WASHER                                           |                          | 1   | [3]  |
| 18    | 0026       | 881608001   | SEAL Rear Crankshaft                             |                          | 1   | [4]  |
| 19    | 0017       | 881609      | PIN Flywheel Locating                            |                          | 2   | [3]  |
| 20    | 0222       | 881640T01   | FLYWHEEL                                         | Base and High Output     | 1   | [3]  |
| 21    | 0010       | 881578      | BOLT                                             |                          | 6   | [3]  |
| 22    | 0017       | 843378      | PIN Dowel Oil Pump Locating                      |                          | 1   | [3]  |
| 23    | 0016       | 881615      | STUD Crankshaft Bearing Cap                      |                          | 10  | [3]  |
| 24    | 0010       | 881580      | SCREW (M12 x 89)                                 |                          | 10  | [3]  |
| 25    | 0000       | 883236      | DEFLECTOR Oil                                    |                          | 1   | [3]  |
| 26    | 0011       | 881579      | NUT                                              |                          | 9   | [3]  |
| 27    | 0000       | 881652      | PUMP With Screen Oil                             |                          | 1   | [3]  |
| 28    | 0017       | 881611      | PIN Oil Pump                                     |                          | 1   | [3]  |
| 29    | 0024       | 881610      | SPRING Oil Pump                                  |                          | 1   | [3]  |
| 30    | 0022       | 881643      | VALVE Pressure Relief                            |                          | 1   | [3]  |
| 31    | 0000       | 14761       | SHAFT AND RETAINER Oil Pump Drive                |                          | 1   | [3]  |
| 32    | 0023       | 36183       | RETAINER Oil Pump Drive                          |                          | 1   | [3]  |
| 33    | 0010       | 881585      | SCREW (M10 x 60)                                 |                          | 1   | [3]  |
| 34    | 0000       | 862349      | PULLEY Crankshaft                                |                          | 1   | [3]  |
| 34    | 0000       | 862349      | PULLEY                                           | Axis [1A349534] & Below  | 1   | [3]  |
| 34    | 0000       | 8M2013566   | PULLEY High Current                              | Axis [1A349535] & Up     | 1   | [3]  |
| 35    | 0010       | 4009025     | SCREW (M10 x 25) Stainless Steel                 |                          | 3   | [3]  |
| -     | 0000       | 879172A34   | PULLEY KIT High Current, Axis                    | [1A349534] & Below       | 1   |      |

Block Crankshaft, Oil Pump and Front Cover

## Block Crankshaft, Oil Pump and Front Cover



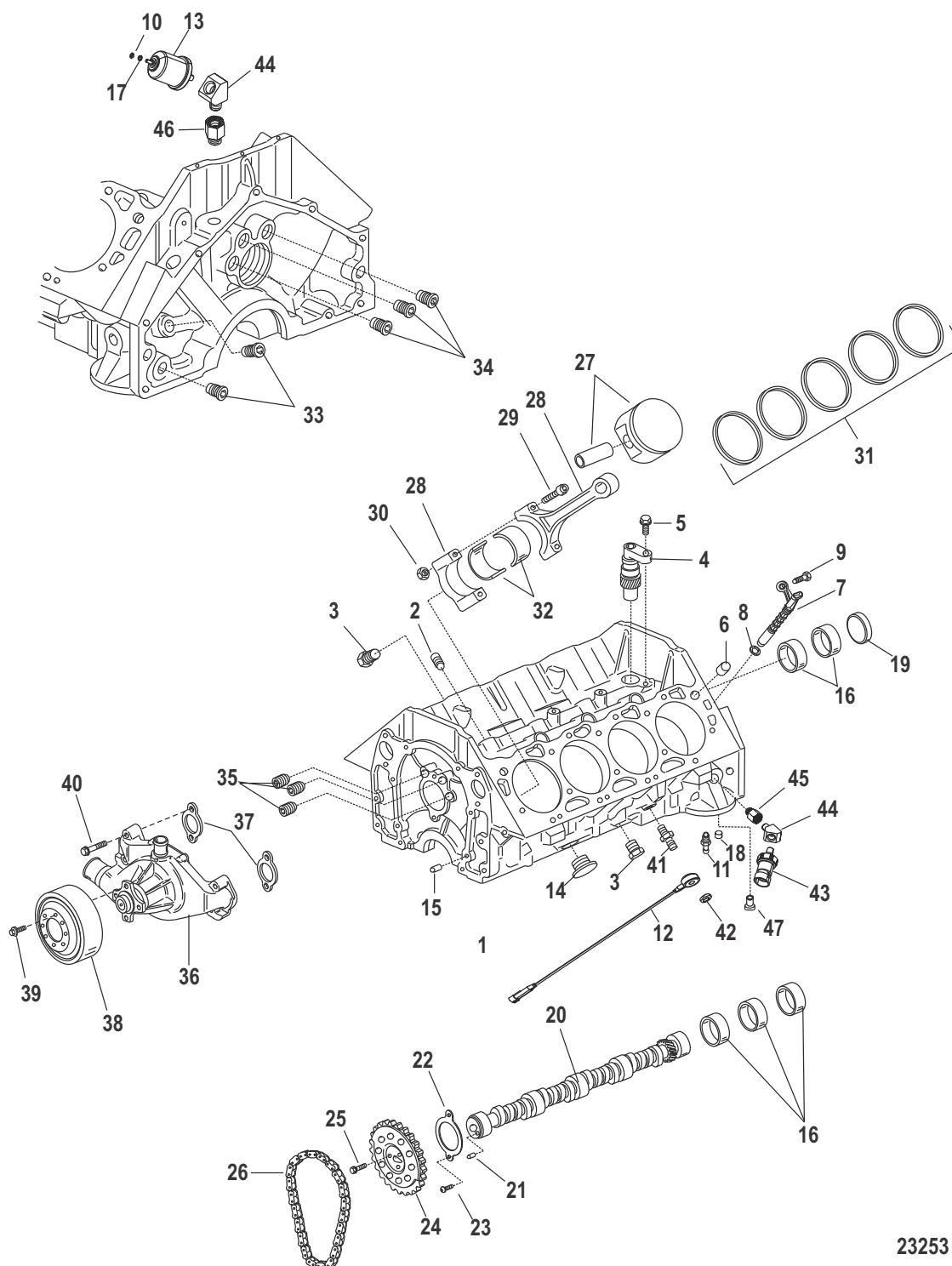
4819

## Block Crankshaft, Oil Pump and Front Cover

**PART NOTES:**

- [1] - Alternate part numbers:
  - 865752A01QS
  - 8M0086000Reman
  - 8M0137122QS
- [2] - Alternate part numbers:
  - 865754A01QS
  - 8M0086001Reman
  - 8M0137121QS
- [3] - Component of Longblock Assembly-High Output 865754A01  
Component of Longblock Assembly-Base 865752A01
- [4] - Component of Engine Gasket Set 889924A02  
Component of Longblock Assembly-High Output 865754A01  
Component of Longblock Assembly-Base 865752A01

## Block Camshaft and Pistons



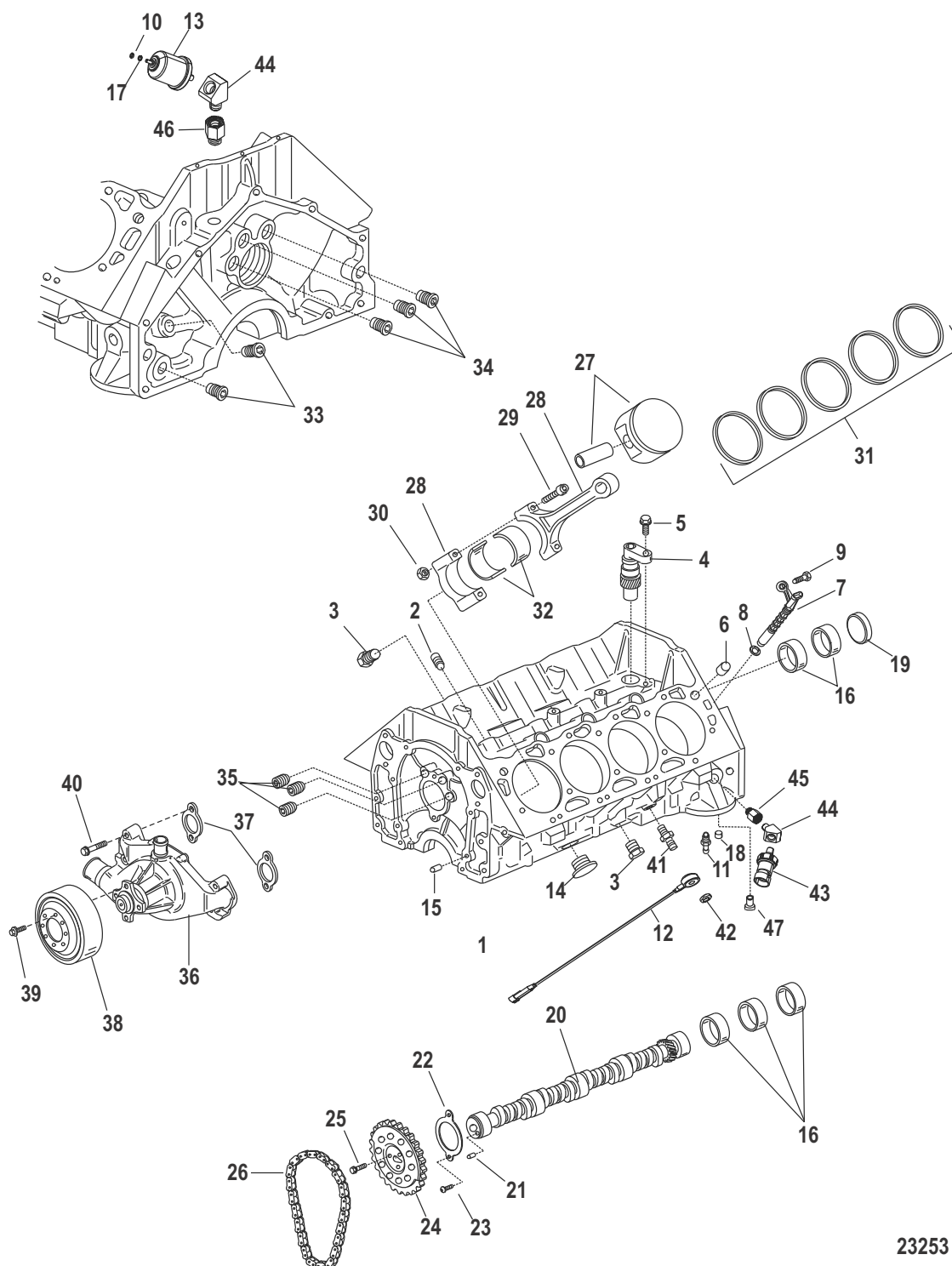
23253

## Block Camshaft and Pistons

| Ref # | Part Class | Part Number | Description                                                     | Comments                 | Qty | Note |
|-------|------------|-------------|-----------------------------------------------------------------|--------------------------|-----|------|
| NS    | 0000       | 865752A01   | Longblock Assembly                                              |                          | 1   | [1]  |
| NS    | 0000       | 865754A01   | Longblock Assembly                                              |                          | 1   | [2]  |
| 1     |            | NSS         | NOT SOLD SEPARATE Block, Engine                                 | Order Longblock Assembly | 1   | [3]  |
| 2     | 0022       | 48341       | PLUG (.125-27 x .375) Oil Galley                                |                          | 3   | [3]  |
| 3     | 0022       | 883919      | PLUG Coolant Drain                                              |                          | 1   | [3]  |
| 4     | 0000       | 881669      | DRIVE Oil Pump Oil Pump                                         |                          | 1   | [3]  |
| 5     | 0010       | 881590      | SCREW (M8 x 20) Oil Pump                                        |                          | 1   | [3]  |
| 6     | 0017       | 52190       | PIN Cylinder Head Locating                                      |                          | 4   | [3]  |
| 7     | 0000       | 892617      | SENSOR Crankshaft Position                                      |                          | 1   | [3]  |
| 8     |            | NSS         | NOT SOLD SEPARATE Seal, Crankshaft Position Sensor              |                          | 1   | [3]  |
| 9     | 0010       | 881595      | SCREW (M6 x 21) Crankshaft Position Sensor                      |                          | 1   | [3]  |
| 10    | 0011       | 68219       | NUT (#10-32) Stainless Steel                                    |                          | 1   | [3]  |
| 11    | 0022       | 805563      | CONNECTOR (.500 Inch NPTF To .500 Inch Inverted Flare) Oil Hose |                          | 1   | [3]  |
| 12    | 0000       | 878187      | SENSOR ASSEMBLY Knock                                           |                          | 2   | [3]  |
| 13    | 0000       | 815425T     | SENDER ASSEMBLY Oil Pressure                                    |                          | 1   |      |
| 14    | 0022       | 48340       | PLUG (.250-18 x .41) Oil Galley                                 |                          | 1   | [3]  |
| 14    | 0019       | 34487       | PLUG (.375-18 x .42) Pipe, Oil Galley                           |                          | 2   | [3]  |
| 14    | 0022       | 48341       | PLUG (.125-27 x .375) Oil Galley                                |                          | AR  | [3]  |
| 14    | 0022       | 881568      | PLUG Engine Coolant                                             |                          | 1   | [3]  |
| 14    | 0022       | 881569      | PLUG (.250-18 x .54) Engine Coolant                             |                          | 1   | [3]  |
| 15    | 0017       | 843378      | PIN Dowel                                                       |                          | 1   | [3]  |
| 16    | 0023       | 85684       | BEARING SET                                                     |                          | 1   | [3]  |
| 17    | 0013       | 26996       | LOCKWASHER (#10) Stainless Steel                                |                          | 1   |      |
| 18    | 0022       | 38407       | PLUG (.500-14) Pipe                                             |                          | 1   |      |
| 19    | 0019       | 94140       | EXPANSION PLUG Camshaft Bearing Hole                            |                          | 1   | [3]  |
| 20    | 0431       | 881627      | CAMSHAFT                                                        | Base                     | 1   | [4]  |
| 20    | 0431       | 881628      | CAMSHAFT                                                        | High Output              | 1   | [5]  |
| 21    | 0017       | 843378      | PIN Dowel Camshaft Sprocket Location                            |                          | 1   | [3]  |
| 22    | 0000       | 845941      | RETAINER Camshaft                                               |                          | 1   | [3]  |
| 23    | 0010       | 881588      | SCREW                                                           |                          | 1   | [3]  |
| 24    | 0000       | 892640001   | SPROCKET Camshaft                                               |                          | 1   | [3]  |
| 25    | 0010       | 881570      | SCREW (M8 x 25 MM)                                              |                          | 3   | [3]  |
| 26    | 0000       | 881626      | CHAIN Camshaft Timing                                           |                          | 1   | [3]  |
| 27    | 0735       | 881592002   | PISTON ASSEMBLY Standard/Floating Design Starboard              |                          | 4   | [3]  |
| 27    | 0735       | 881592001   | PISTON ASSEMBLY Standard/Floating Design Starboard              |                          | 4   | [3]  |
| 27    | 0735       | 883515002   | PISTON ASSEMBLY Standard/Floating Design Port                   |                          | 4   | [3]  |
| 27    | 0735       | 881596002   | PISTON ASSEMBLY .030/Floating Design Starboard                  |                          | AR  |      |

## Block Camshaft and Pistons

## Block Camshaft and Pistons



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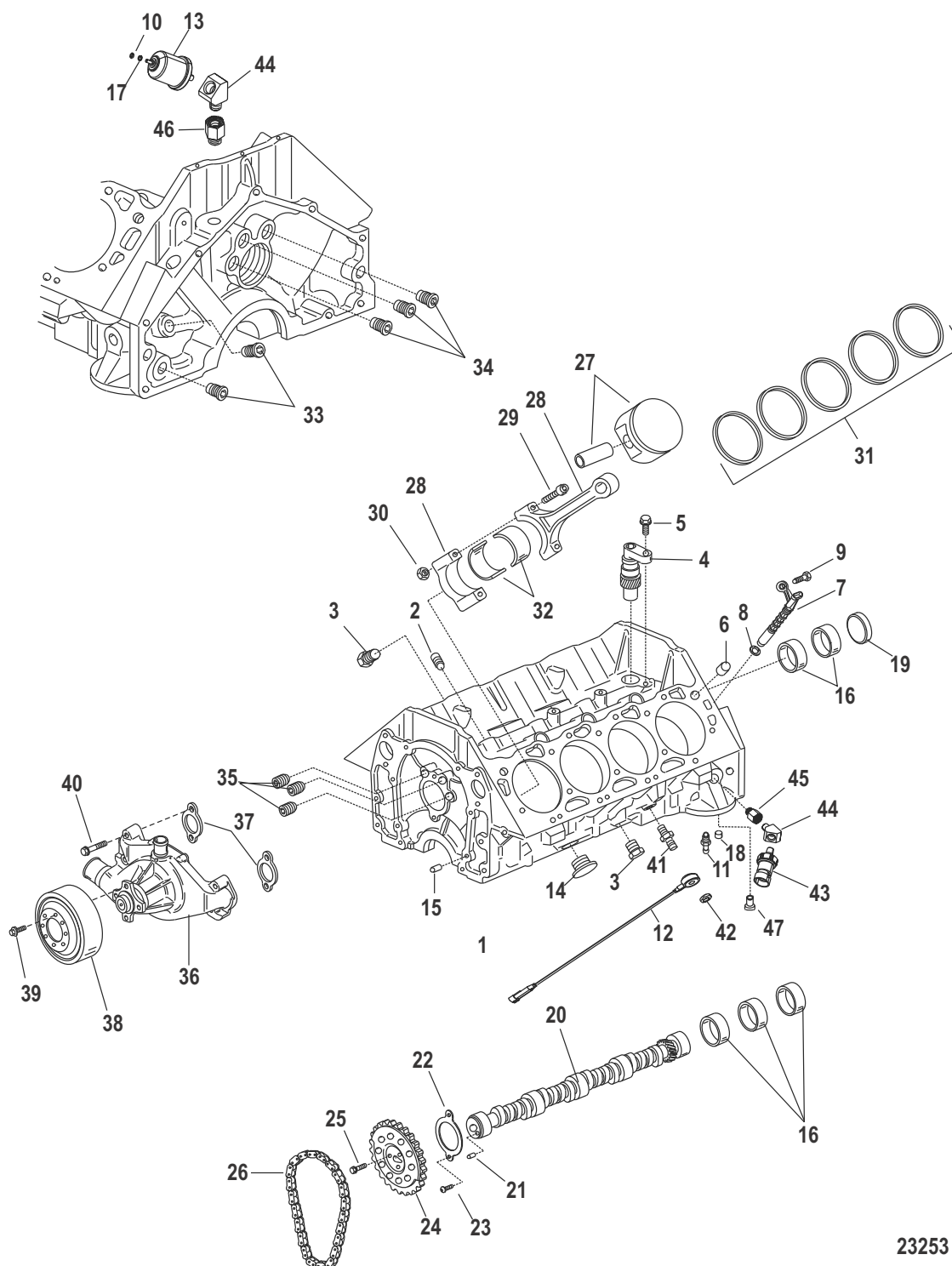
## Block Camshaft and Pistons

| Ref # | Part Class | Part Number | Description                                                            | Comments        | Qty | Note |
|-------|------------|-------------|------------------------------------------------------------------------|-----------------|-----|------|
| 27    | 0735       | 881596001   | PISTON ASSEMBLY .030/Floating Design Without Connecting Rod, Starboard |                 | AR  |      |
| 27    | 0735       | 881597002   | PISTON ASSEMBLY .030/Floating Design Port                              |                 | AR  |      |
| 27    | 0735       | 881597001   | PISTON ASSEMBLY .030/Floating Design Without Connecting Rod, Port      |                 | AR  |      |
| 28    |            | NSS         | NOT SOLD SEPARATE CONNECTING ROD                                       |                 | 8   | [3]  |
| 29    | 0010       | 883917      | SCREW Connecting Rod                                                   |                 | 16  | [3]  |
| 30    | 0011       | 883918      | NUT Connecting Rod                                                     |                 | 16  | [3]  |
| 31    | 0039       | 881601      | RING KIT Piston                                                        | Standard        | 8   | [3]  |
| 31    | 0039       | 881602      | RING KIT Piston                                                        | (.030) Oversize | 8   |      |
| 32    | 0023       | 8832391     | BEARING Connecting Rod                                                 |                 | 8   | [3]  |
| 33    | 0022       | 881567001   | PLUG Oil Galley                                                        |                 | 4   | [3]  |
| 34    | 0022       | 48341       | PLUG (.125-27 x .375) Oil Galley                                       |                 | 3   | [3]  |
| 35    | 0022       | 48341       | PLUG (.125-27 x .375) Oil Galley                                       |                 | AR  | [3]  |
| 35    | 0019       | 34487       | PLUG (.375-18 x .42) Pipe, Oil Galley                                  |                 | 2   | [3]  |
| 35    | 0022       | 48340       | PLUG (.250-18 x .41) Oil Galley                                        |                 | 1   | [3]  |
| 36    | 0000       | 883925      | PUMP Circulating                                                       |                 | 1   | [6]  |
| 37    | 0027       | 881603001   | GASKET Circulating Pump                                                |                 | 2   | [7]  |
| 38    | 0000       | 862583      | PULLEY Circulating Pump                                                |                 | 1   | [3]  |
| 39    | 0010       | 4010716     | SCREW (M8 x 16)                                                        |                 | 4   | [3]  |
| 40    | 0010       | 881576      | SCREW (M10 x 65)                                                       |                 | 3   | [3]  |
| 40    | 0010       | 884036      | SCREW (M10 x 95)                                                       |                 | 1   | [3]  |
| 41    | 0016       | 862915      | STUD (.250-18/M10 Special) Knock Sensor                                |                 | 2   | [3]  |
| 42    | 0011       | 826292      | NUT (M10) Brass/Nickel Plated Knock Sensor                             |                 | 2   | [3]  |
| 43    | 0000       | 881879011   | SENSOR Pressure (0 - 100 PSI) Oil Pressure                             |                 | 1   |      |
| 44    | 0022       | 29085       | FITTING Elbow (45 Degree)                                              |                 | 2   |      |
| 45    | 0022       | 64013       | FITTING (.375 Male To .125 Female) Reducer                             |                 | 1   |      |
| 46    | 0022       | 805059      | FITTING Reducer Bushing                                                |                 | 1   |      |
| 47    | 0000       | 883920      | VALVE ASSEMBLY Filter                                                  |                 | 1   |      |

## PART NOTES:

- [1] - Alternate part numbers:
- 865752A01QS
- 8M0086000Reman
- 8M0137122QS

## Block Camshaft and Pistons

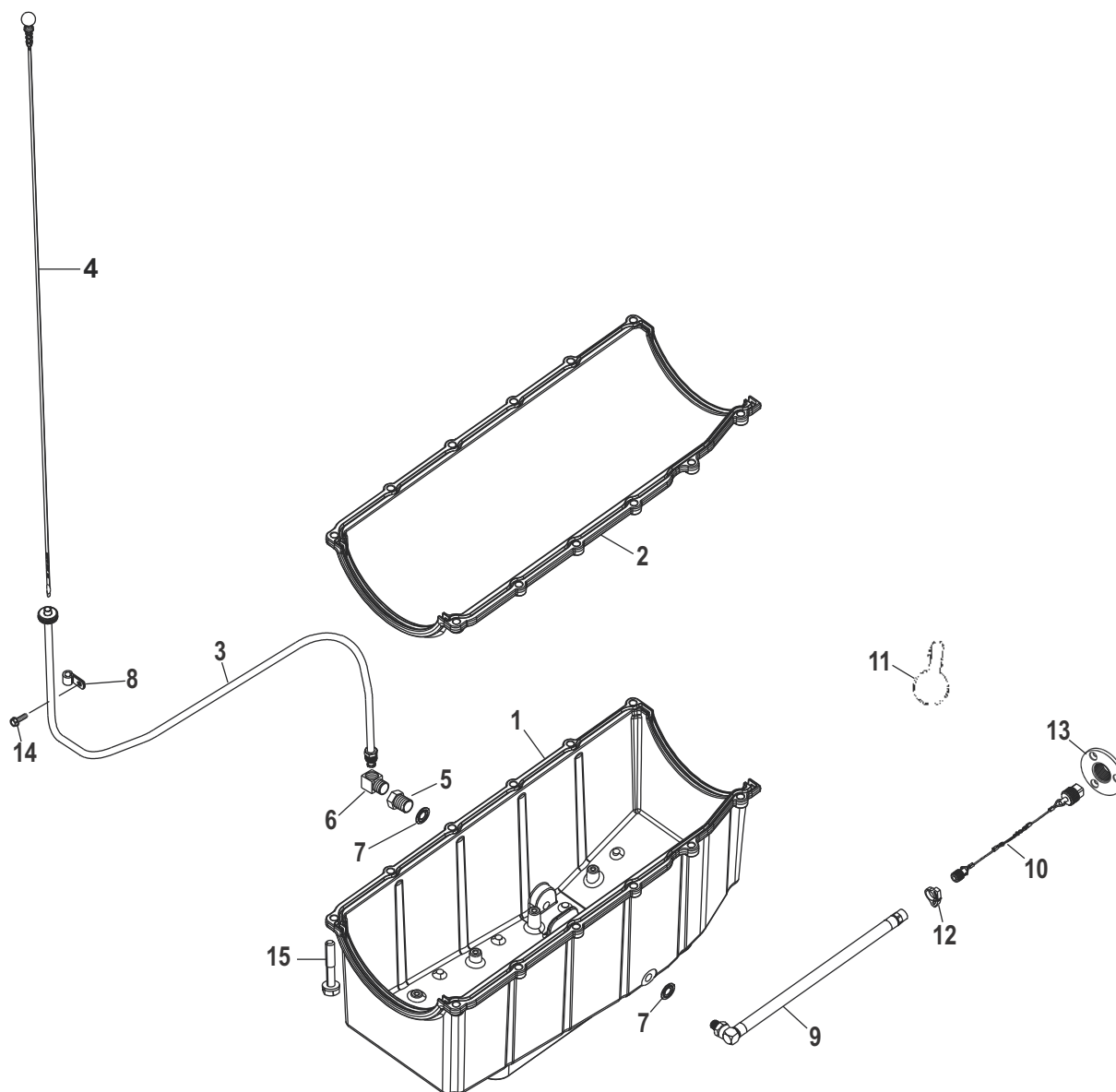


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## Block Camshaft and Pistons

- [2] - Alternate part numbers:
  - 865754A01QS
  - 8M0086001Reman
  - 8M0137121QS
- [3] - Component of Longblock Assembly-High Output 865754A01  
Component of Longblock Assembly-Base 865752A01
- [4] - Component of Longblock Assembly-Base 865752A01
- [5] - Component of Longblock Assembly-High Output 865754A01
- [6] - Alternate part numbers:
  - 883925QS
  - 883925R01Reman
  - Component of Longblock Assembly-High Output 865754A01
  - Component of Longblock Assembly-Base 865752A01
- [7] - Component of Engine Gasket Set 889924A02  
Component of Longblock Assembly-High Output 865754A01  
Component of Longblock Assembly-Base 865752A01

## Oil Pan and Drain System



7090

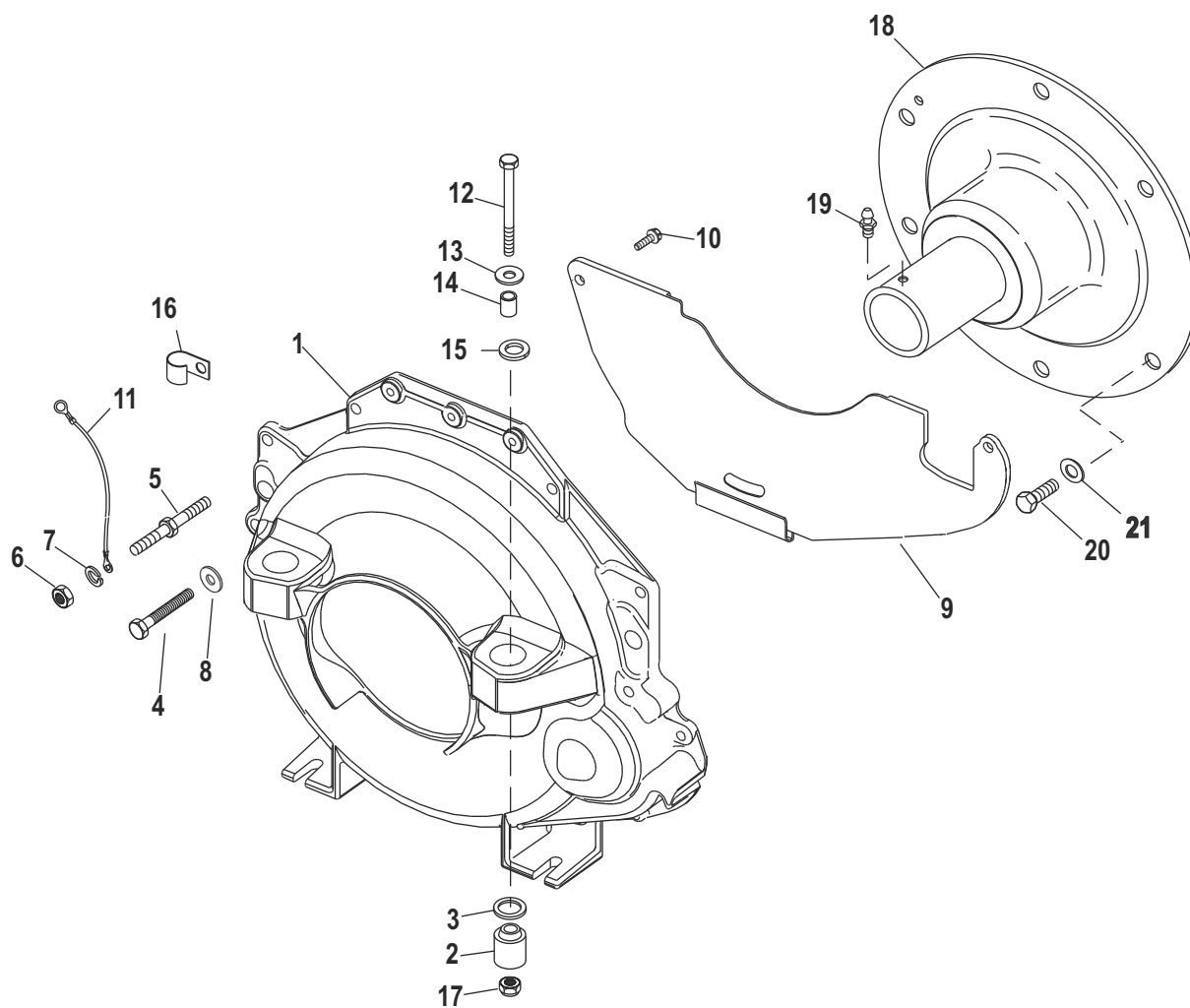
## Oil Pan and Drain System

| Ref # | Part Class | Part Number | Description            | Comments         | Qty | Note |
|-------|------------|-------------|------------------------|------------------|-----|------|
| 1     | 0000       | 881653001   | PAN Oil                |                  | 1   | [1]  |
| NS    | 0000       | 883922      | BAFFLE Oil Pan         |                  | 1   | [1]  |
| NS    | 0010       | 883923      | SCREW (M6 x 20)        |                  | AR  | [1]  |
| 2     | 0027       | 881612      | GASKET Oil Pan         |                  | 1   | [2]  |
| 3     | 0000       | 865217      | TUBE Engine Oil Gauge  |                  | 1   |      |
| 4     | 0000       | 86194210    | GAUGE Oil Level        |                  | 1   |      |
| 5     | 0022       | 863389      | FITTING Oil Gauge Tube |                  | 1   |      |
| 6     | 0022       | 19697       | ELBOW                  |                  | 1   |      |
| 7     | 0027       | 49955       | GASKET Drain           |                  | 2   | [3]  |
| 8     | 0054       | 65653       | CLIP                   |                  | 1   |      |
| 9     | 0032       | 865281      | HOSE Oil Drain         |                  | 1   |      |
| 9     | 0032       | 865280      | HOSE Oil Drain         | Jackshaft Models | 1   |      |
| NS    | 0025       | 805063      | O-RING (.301 x .070)   |                  | 2   |      |
| 10    | 0000       | 862827      | TETHER ASSEMBLY        |                  | 1   |      |
| 11    | 0054       | 805524      | CLIP                   |                  | 1   |      |
| 12    | 0054       | 863481      | CLAMP                  |                  | 1   |      |
| 13    | 0000       | 862777      | FLANGE Drain           |                  | 1   |      |
| 14    | 0010       | 4000328     | SCREW (M6 x 16)        |                  | 1   |      |
| 15    | 0010       | 898101392   | BOLT (M8 x 30)         |                  | 13  |      |

## PART NOTES:

- [1] - Component Of Longblock Assembly-High Output865754A01  
Component Of Longblock Assembly-Base865752A01
- [2] - Component Of Engine Gasket Set889924A02  
Component Of Longblock Assembly-High Output865754A01  
Component Of Longblock Assembly-Base865752A01
- [3] - Component Of Engine Gasket Set889924A02  
Component Of Engine Gasket Set 883231A 1

## Flywheel Housing

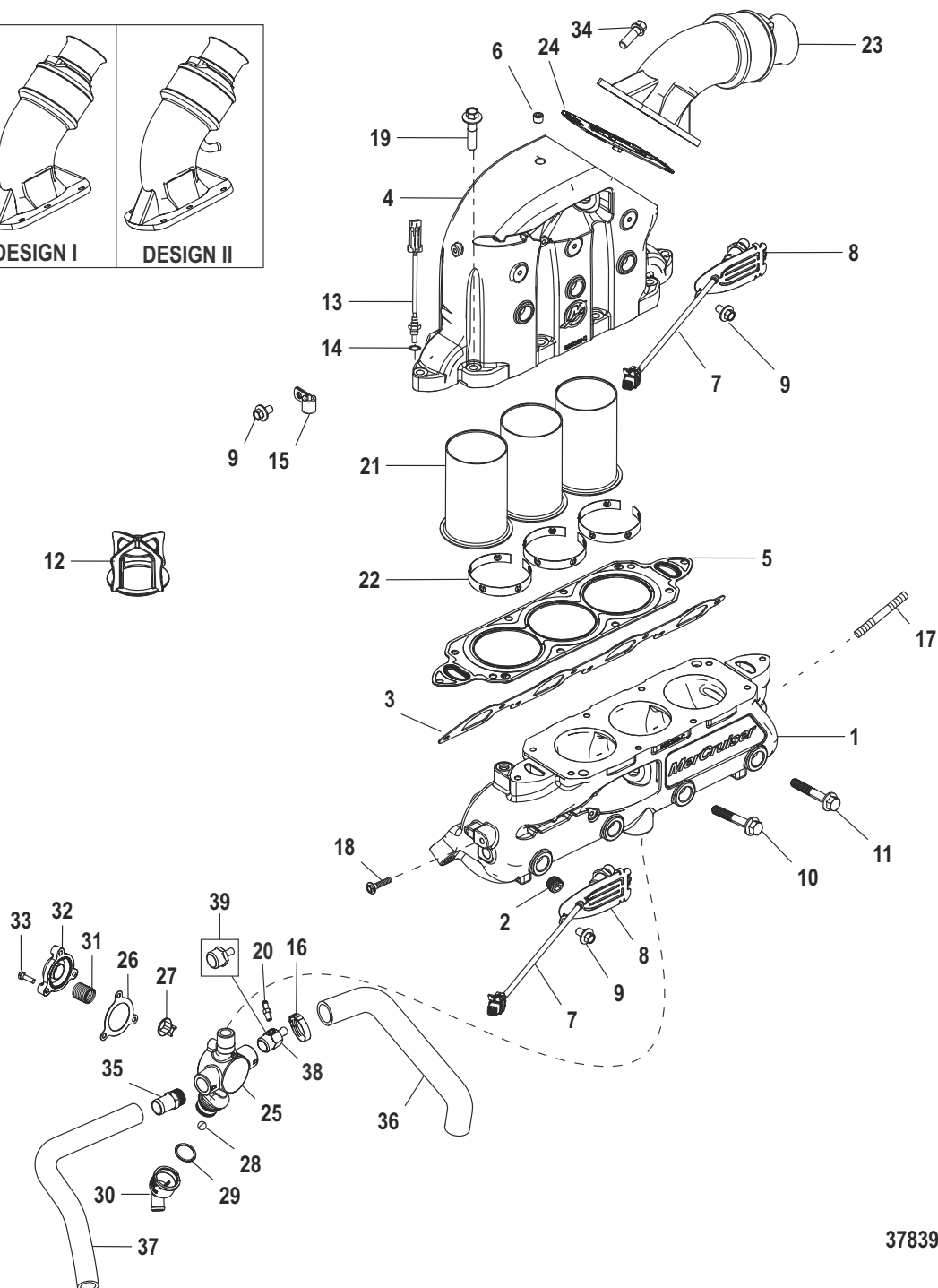
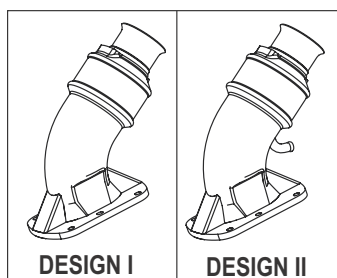


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## Flywheel Housing

| Ref # | Part Class | Part Number | Description                                             | Comments  | Qty | Note |
|-------|------------|-------------|---------------------------------------------------------|-----------|-----|------|
| 1     | 0000       | 865657A04   | HOUSING ASSEMBLY Flywheel                               |           | 1   |      |
| 2     | 0000       | 865330A02   | MOUNT KIT Rubber                                        |           | 1   |      |
| 3     | 0023       | 99322       | SPACER                                                  |           | 2   |      |
| 4     | 0010       | 40001197    | SCREW (M10 x 35)                                        |           | 3   |      |
| 4     | 0010       | 40001203    | SCREW (M10 x 45)                                        |           | 1   |      |
| 4     | 0010       | 1993325     | SCREW (M10 x 25 MM)                                     | (SEACORE) | 4   |      |
| 5     | 0016       | 861577      | STUD Double Ended Metric (M10)<br>Grounding             |           | 2   |      |
| 5     | 0016       | 863376      | STUD Stainless (M10 x M10)                              | (SEACORE) | 2   |      |
| 6     | 0011       | 40125100    | NUT (M10)                                               |           | 2   |      |
| 6     | 0011       | 4013710     | NUT (M10)                                               | (SEACORE) | 2   |      |
| 7     | 0013       | 400248      | LOCKWASHER (M10)                                        |           | 2   |      |
| 8     | 0012       | 34567       | WASHER                                                  |           | 1   |      |
| 9     | 0000       | 807260A2    | COVER KIT Flywheel                                      |           | 1   |      |
| NS    | 0011       | 807296      | NUT (.250-20)                                           |           | 2   |      |
| 10    | 0010       | 76596       | SCREW (.250-20 x 1.250)                                 |           | 2   |      |
| 10    | 0010       | 86885       | SCREW (.250-20 x 1.500) Stainless<br>Steel              | (SEACORE) | 2   |      |
| 11    | 0084       | 62826A6     | CABLE ASSEMBLY Ground (13.00<br>Inches) Black Grounding |           | 1   |      |
| 12    | 0010       | 97934       | SCREW (.500-20 x 5.370) Special                         |           | 2   |      |
| 13    | 0012       | 35777       | WASHER (.5156 x 1.375 x .125)<br>Aluminum               |           | 2   |      |
| 14    | 0023       | 99299       | SPACER (.520 x .870 x .630)                             |           | 2   |      |
| 15    | 0012       | 54012       | WASHER (.530 x .870 x .105)<br>Stainless Steel          |           | A/R |      |
| 16    | 0054       | 78945       | J CLAMP Harness Support                                 |           | 1   |      |
| 17    | 0011       | 863332      | NUT (.500-20) Aluminum                                  |           | 2   |      |
| 18    | 0098       | 8M0108208   | COUPLER ASSEMBLY Engine -<br>Long Steel Hub             |           | 1   |      |
| 19    | 0022       | 74036       | FITTING Grease                                          |           | 1   |      |
| 20    | 0010       | 40001195    | SCREW (M10 x 30)                                        |           | 6   |      |
| 21    | 0012       | 25909       | WASHER (.406 x .812 x .065)                             |           | 6   |      |

## Exhaust Manifold



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**RESOURCE NOTES:**

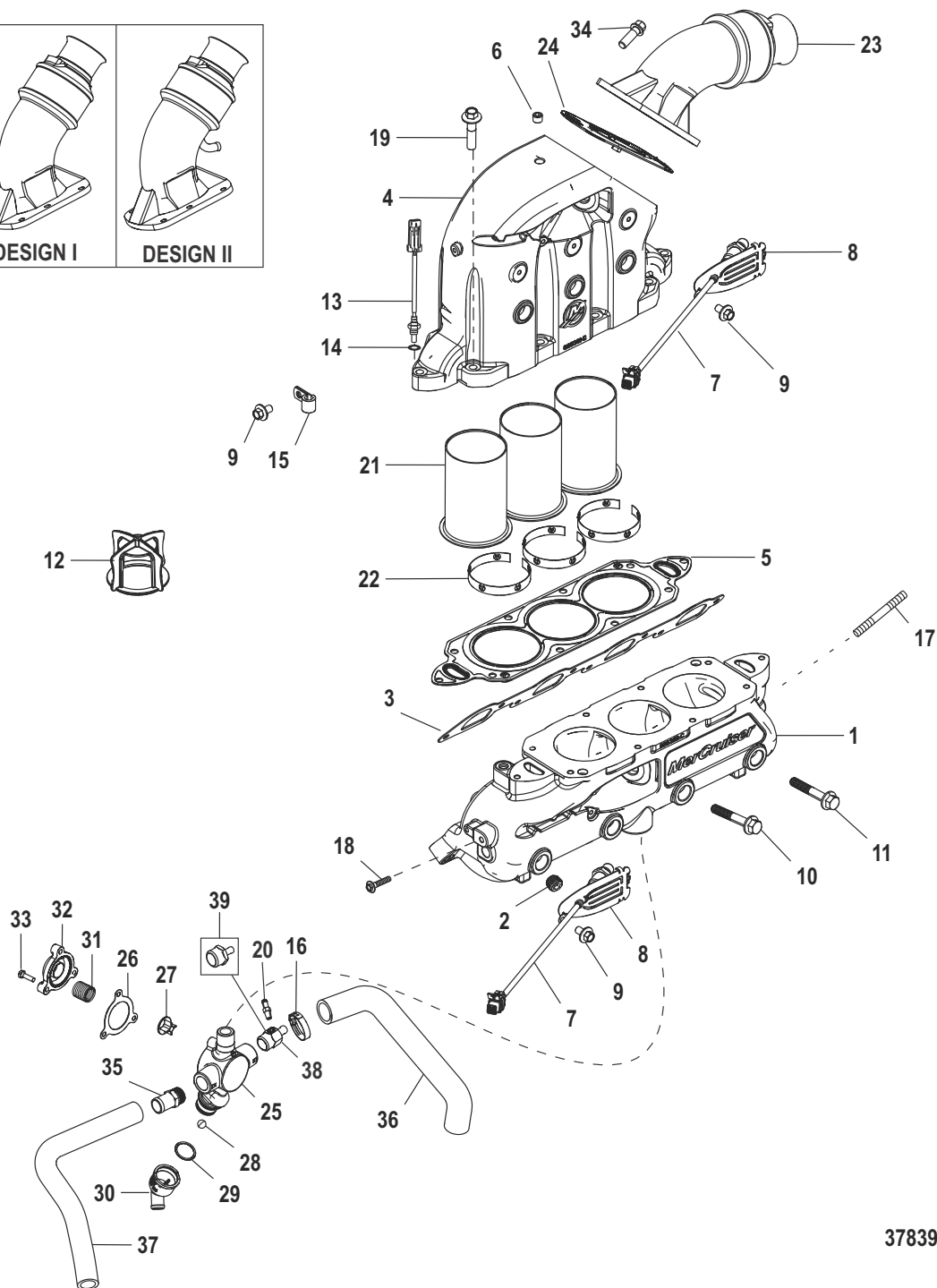
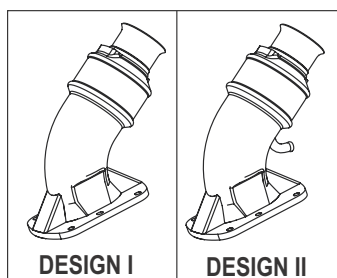
If elbow/riser does not have a bib (Design I) contact Mercury Marine Technical Service for retrofit kit for Design II

## Exhaust Manifold

| Ref # | Part Class | Part Number | Description                                  | Comments                                                     | Qty | Note |
|-------|------------|-------------|----------------------------------------------|--------------------------------------------------------------|-----|------|
| 1     | 0000       | 866389T01   | MANIFOLD ASSEMBLY Exhaust                    |                                                              | 2   |      |
| 2     | 0019       | 864689      | PLUG Expansion                               |                                                              | 8   |      |
| 3     | 0027       | 8M2000886   | GASKET Cylinder Head to Exhaust Manifold     |                                                              | 1   | [1]  |
| 4     | 0000       | 866391T02   | COLLECTOR Exhaust                            | (See Note)                                                   | 2   |      |
| 5     | 0027       | 866390      | GASKET Collector, Exhaust                    |                                                              | 1   |      |
| 6     | 0022       | 73379       | PLUG (.250-18)                               |                                                              | 1   |      |
| 7     | 0000       | 8M2003959   | SENSOR Oxygen                                |                                                              | 4   |      |
| 8     | 0000       | 8M2004289   | COVER Oxygen Sensor                          |                                                              | 4   |      |
| 9     | 0010       | 4010610     | SCREW (M6 x 10) Stainless Steel              |                                                              | AR  |      |
| 10    | 0010       | 40011151    | SCREW (M8 x 35) Stainless Steel              |                                                              | 8   |      |
| 11    | 0010       | 40011158    | SCREW (M8 x 70) Stainless Steel              |                                                              | 8   |      |
| 12    | 0000       | 860222A1    | RESONATOR                                    |                                                              | 1   |      |
| 13    | 0000       | 885342002   | SENSOR ASSEMBLY                              |                                                              | 2   |      |
| 14    | 0025       | 896699      | O-RING (1.78 mm x .08 mm)                    |                                                              | 1   |      |
| 15    | 0054       | 65653       | CLIP                                         |                                                              | 2   |      |
| 16    | 0054       | 815504206   | CLAMP Worm Gear                              |                                                              | 4   |      |
| 17    | 0016       | 424632      | STUD (M8 x 37.1)                             |                                                              | 2   |      |
| 18    | 0010       | 4010716     | SCREW (M8 x 16)                              |                                                              | 2   |      |
| 19    | 0010       | 4009535     | SCREW (M8 x 35)                              |                                                              | 20  |      |
| 20    | 0022       | 16604       | FITTING Straight (.125-27)                   | (MIE) (See Note)                                             | 2   |      |
| 21    | 0000       | 879288T47   | CATALYST                                     |                                                              | 6   |      |
| 22    | 0000       | 866775      | RING Retention Catalyst                      |                                                              | 6   |      |
| 23    | 0000       | 879288T79   | ELBOW Exhaust No Rise                        | (See Note)                                                   | 2   |      |
| 23    | 0000       | 879288T80   | ELBOW Exhaust No Rise                        | (MIE V-Drive only) (See Note)                                | 2   |      |
| 23    | 0000       | 879288T81   | RISER KIT Exhaust - 2 Inch Rise              | (Contains 2 Elbows)<br>(Includes Hose Ref #38)<br>(See Note) | 1   |      |
| 23    | 0000       | 879288T82   | RISER KIT Exhaust - 4 Inch Rise              | (Contains 2 Elbows)<br>(Includes Hose Ref #38)<br>(See Note) | 1   |      |
| 23    | 0000       | 879288T83   | RISER KIT Exhaust - 6 Inch Rise              | (Contains 2 Elbows)<br>(Includes Hose Ref #38)<br>(See Note) | 1   |      |
| 23    | 0000       | 879288T84   | RISER KIT Exhaust - 8 Inch Rise              | (Contains 2 Elbows)<br>(Includes Hose Ref #38)<br>(See Note) | 1   |      |
| 24    | 0027       | 8M2003931   | GASKET (Elbow 0 rise includes 1 gasket each) |                                                              | 2   |      |
| 25    | 0000       | 879288T59   | VALVE Poppet Assembly                        |                                                              | 2   |      |
| 26    | 0027       | 8M2010475   | GASKET Poppet Cover                          |                                                              | 1   |      |
| 27    | 0000       | 8M2010186   | POPPET                                       |                                                              | 1   |      |
| 28    | 0030       | 863129      | BALL                                         |                                                              | 1   |      |
| 29    | 0025       | 864701      | O-RING (1.112 x .103)                        |                                                              | 1   |      |
| 30    | 0000       | 862994T     | FITTING                                      |                                                              | 1   |      |
| 31    | 0024       | 42996       | SPRING (Stainless Steel)                     |                                                              | 1   |      |
| 32    | 0000       | 8M8020539   | CAP Poppet Valve                             |                                                              | 1   |      |

Exhaust Manifold

## Exhaust Manifold



37839

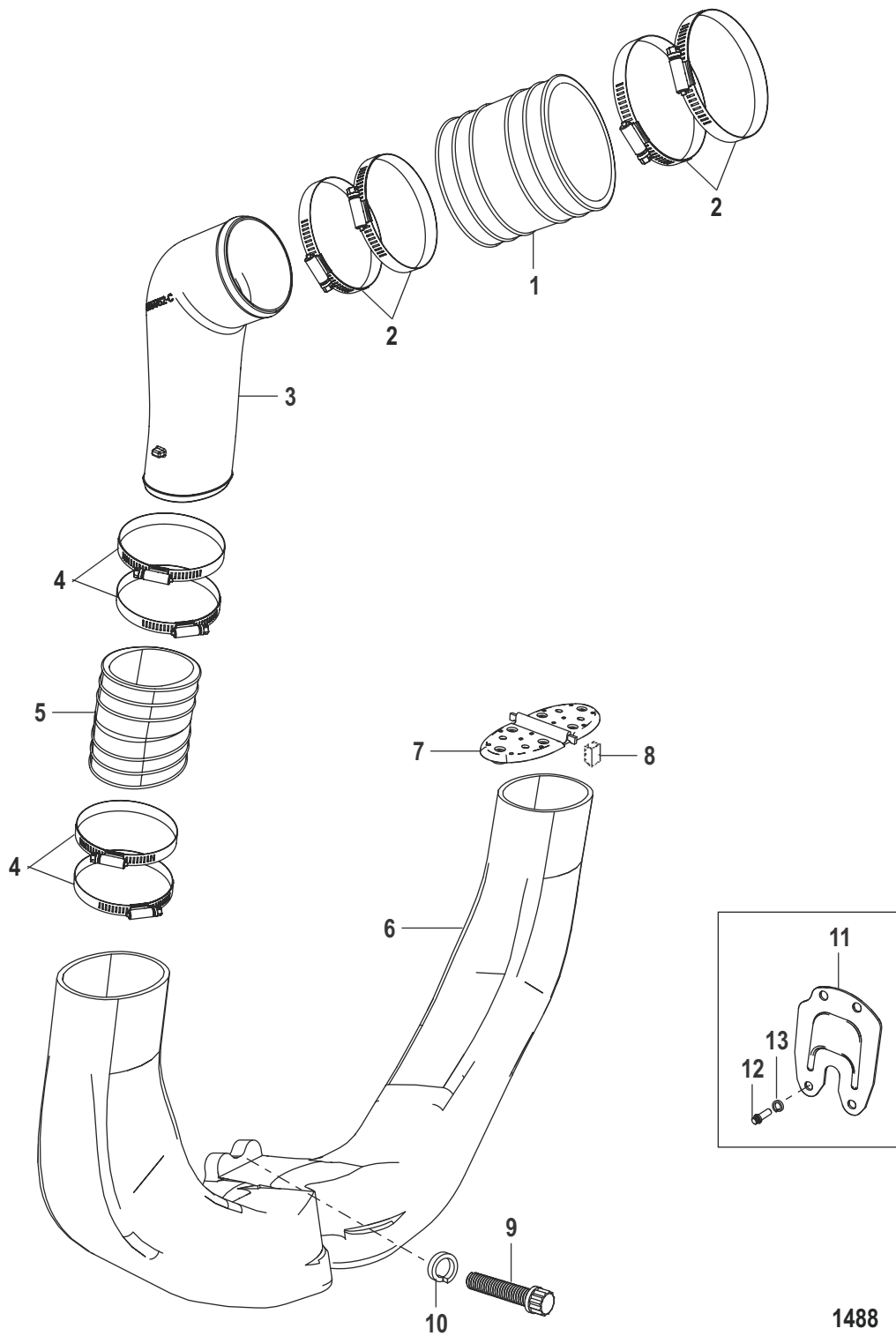
## Exhaust Manifold

| Ref # | Part Class | Part Number | Description                            | Comments                                                                                           | Qty | Note |
|-------|------------|-------------|----------------------------------------|----------------------------------------------------------------------------------------------------|-----|------|
| 33    | 0010       | 28668       | SCREW (.250-20 x .875) Stainless Steel |                                                                                                    | 3   |      |
| 34    | 0010       | 8M2003966   | SCREW (M8) Hex Flange                  |                                                                                                    | 12  |      |
| 35    | 0022       | 866725      | FITTING Straight (.750-14)             | (See Note)                                                                                         | 2   |      |
| 36    | 0032       | 8M2012906   | HOSE (45 Inches Bulk) Poppet to Elbow  | (MCM & MIE Inline) 0 & 2 in. Risers Cut to 22 in. (Included in 2 in. Riser Kit Ref #23) (See Note) | 2   |      |
| 36    | 0032       | 8M2012906   | HOSE (45 Inches Bulk) Poppet to Elbow  | (MCM & MIE Inline) 4,6,8 in. Risers Cut to 26 in. (Included in Riser Kit Ref #23) (See Note)       | 2   |      |
| 36    | 0032       | 8M2012906   | HOSE (45 Inches Bulk) Poppet to Elbow  | (MIE Vdrive) 0,2,4 in. Risers Cut to 40 in. (Included in 4 in. Riser Kit Ref #23) (See Note)       | 2   |      |
| 36    | 0032       | 8M2012906   | HOSE (45 Inches Bulk) Poppet to Elbow  | (MIE Vdrive) 6,8 in. Risers Cut to 45 in. (Included in Riser Kit Ref #23) (See Note)               | 2   |      |
| 37    | 0032       | 8M2004598   | HOSE To Heat Exchanger                 | Starboard (See Note)                                                                               | 1   |      |
| 37    | 0032       | 8M2004608   | HOSE To Heat Exchanger                 | Port (See Note)                                                                                    | 1   |      |
| 38    | 0022       | 8M2016321   | FITTING Straight (3/4 x 0.5)           | (MIE) (See Note)                                                                                   | 2   |      |
| 39    | 0022       | 8M2004390   | FITTING Straight                       | (MCM) (See Note)                                                                                   | 2   |      |
| NS    | 0054       | 8M2016531   | CLAMP Closed                           |                                                                                                    | 2   |      |
| NS    | 0010       | 4010716     | SCREW (M8 x 16)                        |                                                                                                    | 2   |      |

## PART NOTES:

- [1] - Component of Engine Gasket Set 883231A02  
 Component of Engine Gasket Set 889924A03

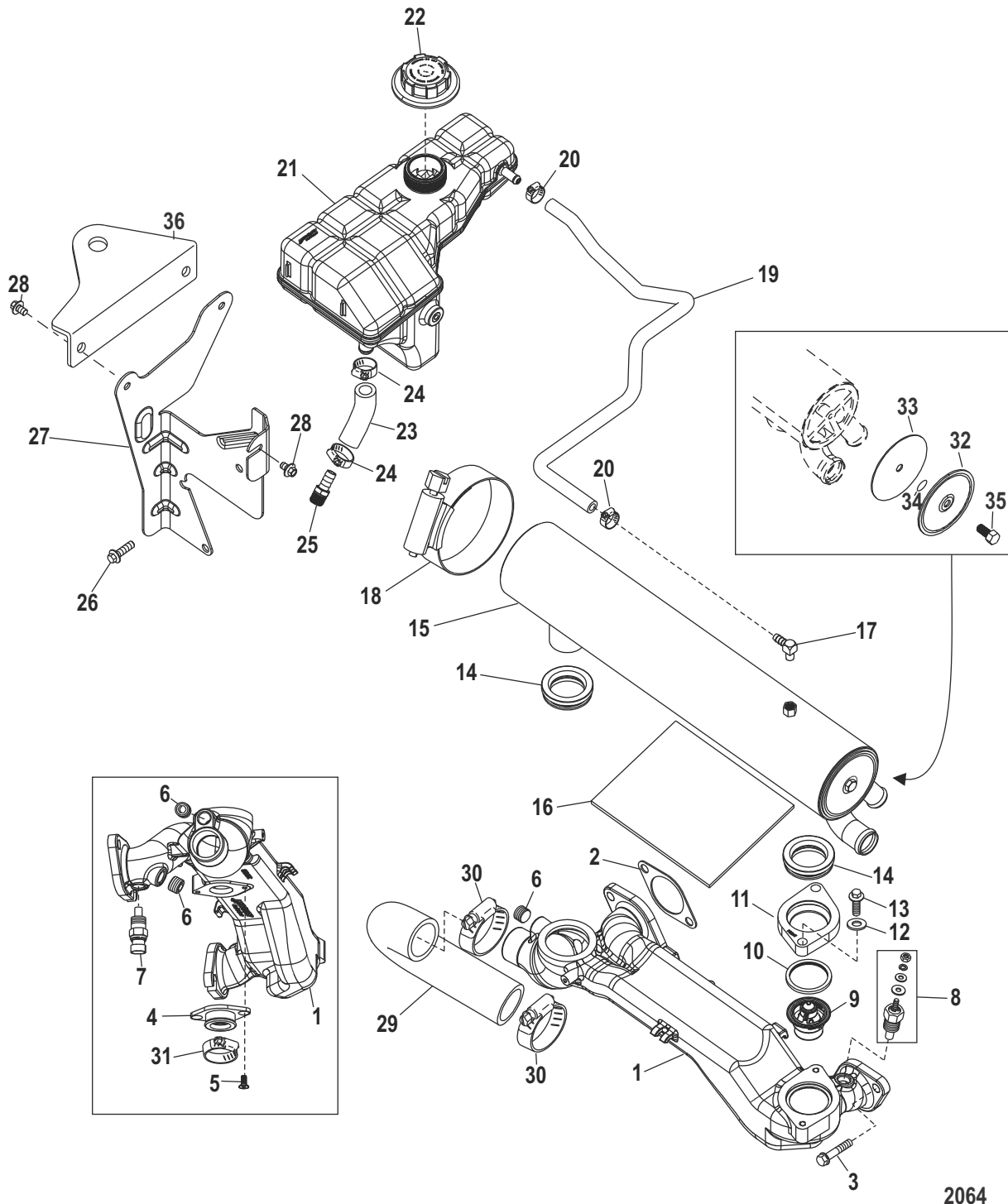
## Exhaust System Components



## Exhaust System Components

| Ref # | Part Class | Part Number | Description                         | Comments                 | Qty | Note |
|-------|------------|-------------|-------------------------------------|--------------------------|-----|------|
| 1     | 0032       | 44348001    | TUBE Exhaust Exhaust                |                          | 2   |      |
| 2     | 0054       | 815504272   | CLAMP Worm Gear                     |                          | 8   |      |
| 3     | 0000       | 44267A04    | ELBOW KIT Intermediate, Standard    |                          | 1   |      |
| 3     | 0000       | 44267A05    | ELBOW KIT Intermediate, 2 Inch Rise |                          | 1   |      |
| 3     | 0000       | 44267A06    | ELBOW KIT Intermediate, 4 Inch Rise |                          | 1   |      |
| 3     | 0000       | 44267A07    | ELBOW KIT Intermediate, 6 Inch Rise |                          | 1   |      |
| 3     | 0000       | 44267A08    | ELBOW KIT Intermediate, 8 Inch Rise |                          | 1   |      |
| 4     | 0054       | 815504272   | CLAMP Worm Gear                     |                          | 8   |      |
| 5     | 0032       | 14358001    | TUBE Exhaust Exhaust                |                          | 2   |      |
| 6     | 0000       | 807130A4    | PIPE Exhaust                        |                          | 1   |      |
| 7     | 0000       | 807166A1    | SHUTTER ASSEMBLY Water              |                          | 2   |      |
| 8     | 0025       | 807167      | GROMMET                             |                          | 4   |      |
| 9     | 0010       | 58640       | SCREW (.375-16 x 1.25)              |                          | 4   |      |
| 10    | 0013       | 41471       | LOCKWASHER (.375)                   |                          | 4   |      |
| 11    | 0000       | 861776A2    | PLATE KIT                           | Through Transome Exhaust | 1   |      |
| 12    | 0010       | 98794       | SCREW (.375-16 x 1.00)              | Through Transom Exhaust  | 4   |      |
| 13    | 0013       | 41471       | LOCKWASHER (.375)                   | Through Transom Exhaust  | 4   |      |

## Cooling System Fresh Water Components



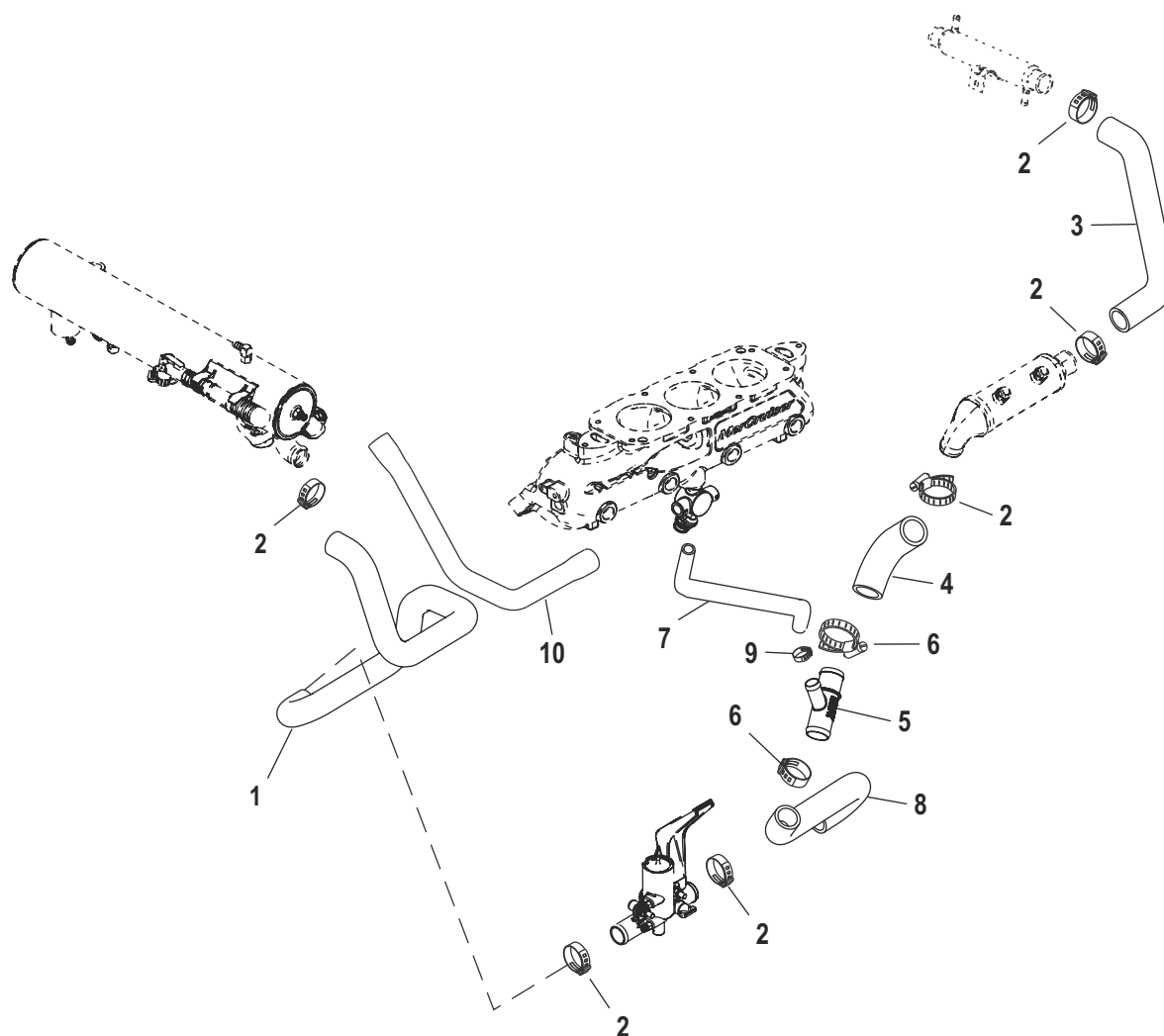
## Cooling System Fresh Water Components

| Ref # | Part Class | Part Number | Description                         | Comments                                   | Qty | Note |
|-------|------------|-------------|-------------------------------------|--------------------------------------------|-----|------|
| 1     | 0000       | 863771T     | CROSSOVER Coolant                   |                                            | 1   |      |
| 2     | 0027       | 881620001   | GASKET Cylinder Head to Crossover   |                                            | 2   | [1]  |
| 3     | 0010       | 881593      | SCREW (M10 x 30)                    |                                            | 4   |      |
| 4     | 0026       | 861947      | SEAL                                |                                            | 1   | [1]  |
| 5     | 0010       | 863609      | SCREW (M6 x 14)                     |                                            | 2   |      |
| 6     | 0022       | 12524       | PLUG (.375-18 x .475) Brass         |                                            | 2   |      |
| 7     | 0000       | 805218T     | SENSOR Coolant                      |                                            | 1   |      |
| 8     | 0000       | 806490T     | SENDER Temperature                  |                                            | 1   |      |
| 9     | 0000       | 863358T     | THERMOSTAT 71°C (160°F)             |                                            | 1   |      |
| 10    | 0025       | 865078      | SEAL Thermostat                     |                                            | 1   | [1]  |
| 11    | 0000       | 861949T     | RETAINER Thermostat                 |                                            | 1   |      |
| 12    | 0012       | 12038       | WASHER                              |                                            | 2   |      |
| 13    | 0010       | 4000354     | SCREW (M8 x 30)                     |                                            | 2   |      |
| 14    | 0026       | 865066      | SEAL Heat Exchanger to Crossover    |                                            | 2   | [1]  |
| 15    | 0000       | 863903A01   | HEAT EXCHANGER                      |                                            | 1   |      |
| NS    | 0037       | 863355      | DECAL Caution Heat Exchanger        |                                            | 1   |      |
| 16    | 0000       | 863392      | PAD Heat Exchanger                  |                                            | 2   |      |
| 17    | 0022       | 629101      | FITTING Elbow - 90 Degree (.125-27) |                                            | 1   |      |
| 18    | 0054       | 815504280   | CLAMP Worm Gear                     |                                            | 2   |      |
| 19    | 0032       | 863303      | HOSE Coolant Bleed                  |                                            | 1   |      |
| 20    | 0054       | 815504206   | CLAMP Worm Gear                     |                                            | 2   |      |
| 21    | 0000       | 861944A1    | RESERVOIR Coolant                   |                                            | 1   |      |
| 22    | 0000       | 862863      | CAP Coolant Reservoir               |                                            | 1   |      |
| 23    | 0032       | 863304      | HOSE Reservoir to Crossover         |                                            | 1   |      |
| 24    | 0054       | 815504212   | CLAMP Worm Gear Hose                |                                            | 2   |      |
| 25    | 0022       | 8552141     | FITTING Straight Hose               |                                            | 1   |      |
| 26    | 0010       | 863388      | SCREW (M10 x 16)                    |                                            | 3   |      |
| 27    | 0000       | 862986      | BRACKET Coolant Reservoir           |                                            | 1   |      |
| 28    | 0010       | 81893412    | SCREW (M8 x 12)                     |                                            | 3   |      |
| 29    | 0032       | 865221      | HOSE Crossover to Pump              |                                            | 1   |      |
| 30    | 0054       | 8M2001490   | CLAMP Worm Gear                     |                                            | 1   |      |
| 31    | 0054       | 865373      | CLAMP Hose                          |                                            | 1   |      |
| 32    | 0000       | 891717      | COVER Heat Exchanger End            | Use With 3.75 Inch Diameter Heat Exchanger | 2   |      |
| 33    | 0027       | 891716      | GASKET Heat Exchanger Cover         | Use With 3.75 Inch Diameter Heat Exchanger | 2   |      |
| 34    | 0025       | 8M0039163   | O-RING (3/8 x 1/8)                  |                                            | 2   |      |
| 35    | 0010       | 98261       | SCREW (.375-16 x .750)              |                                            | 2   |      |
| 36    | 0000       | 8M2000004   | BRACKET Flush Mount                 |                                            | 1   |      |

## PART NOTES:

- [1] - Component of Engine Gasket Set 889924A03  
 Component of Engine Gasket Set 883231A02

## Cooling System Raw Water Components, Port

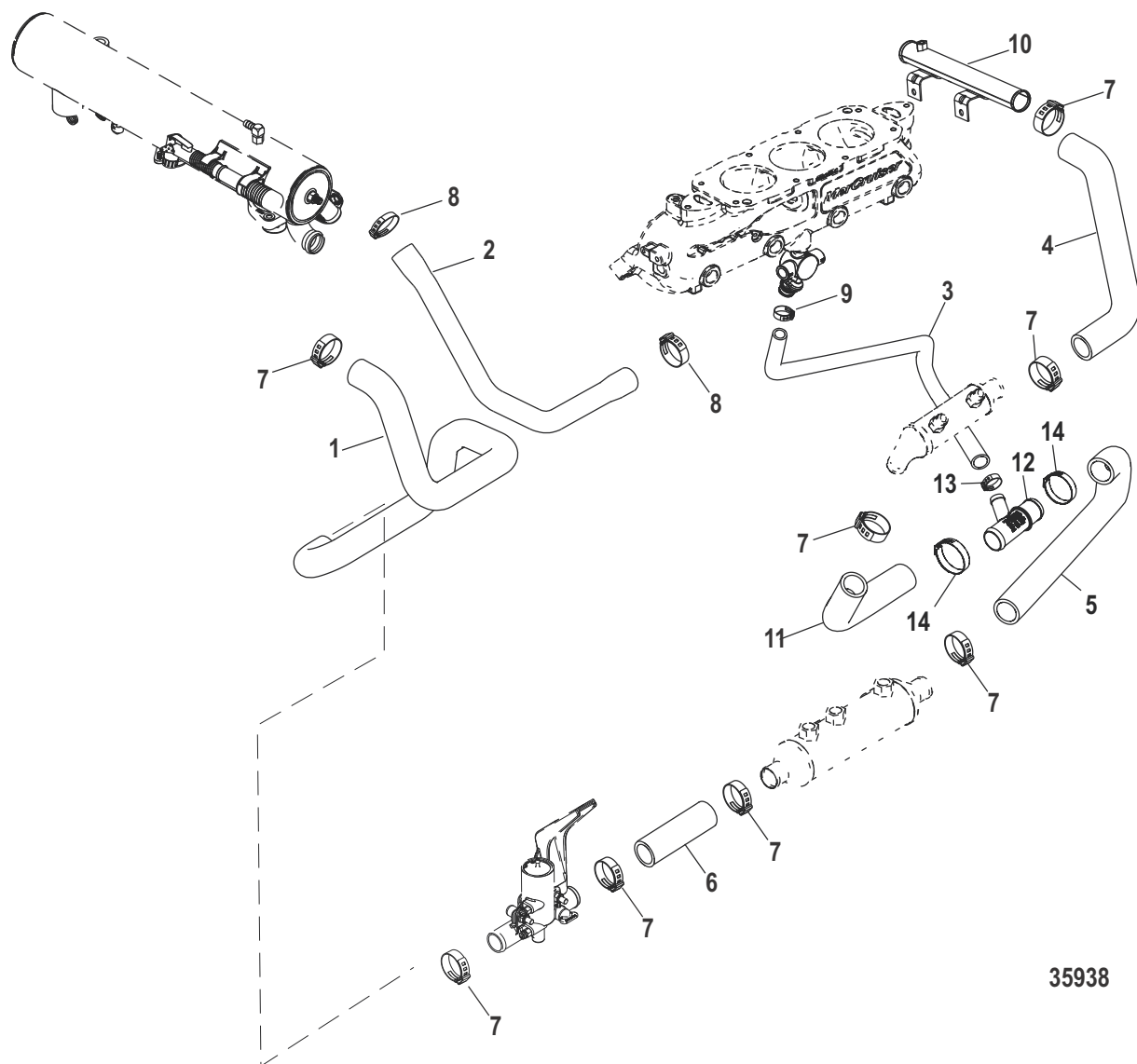


34307

## Cooling System Raw Water Components, Port

| Ref # | Part Class | Part Number | Description                                                 | Comments | Qty | Note |
|-------|------------|-------------|-------------------------------------------------------------|----------|-----|------|
| 1     | 0032       | 863051      | HOSE Water Drain to Heat Exchanger                          |          | 1   |      |
| 2     | 0054       | 815504228   | CLAMP Worm Gear                                             |          | AR  |      |
| 3     | 0032       | 863894      | HOSE Power Steering Cooler to Oil Cooler                    |          | 1   |      |
| 4     | 0032       | 8M2004467   | HOSE To Oil Cooler                                          |          | 1   |      |
| 5     | 0022       | 862993      | FITTING Y, (2) 1-1/4 In. Hose Barbs / (1) 3/4 In. Hose Barb |          | 1   |      |
| 6     | 0054       | 815504228   | CLAMP Worm Gear                                             |          | 2   |      |
| 7     | 0032       | 8M2004488   | HOSE To Drain                                               |          | 1   |      |
| 8     | 0032       | 8M2004471   | HOSE To Drain Housing                                       |          | 1   |      |
| 9     | 0054       | 815504216   | CLAMP Worm Gear (1.56 Diameter)                             |          | 1   |      |
| 10    | 0032       | 8M2004608   | HOSE Heat Exchanger to Poppet                               |          | 1   |      |

## Cooling System Raw Water Components, Port (AXIUS)



## Cooling System Raw Water Components, Port (AXIUS)

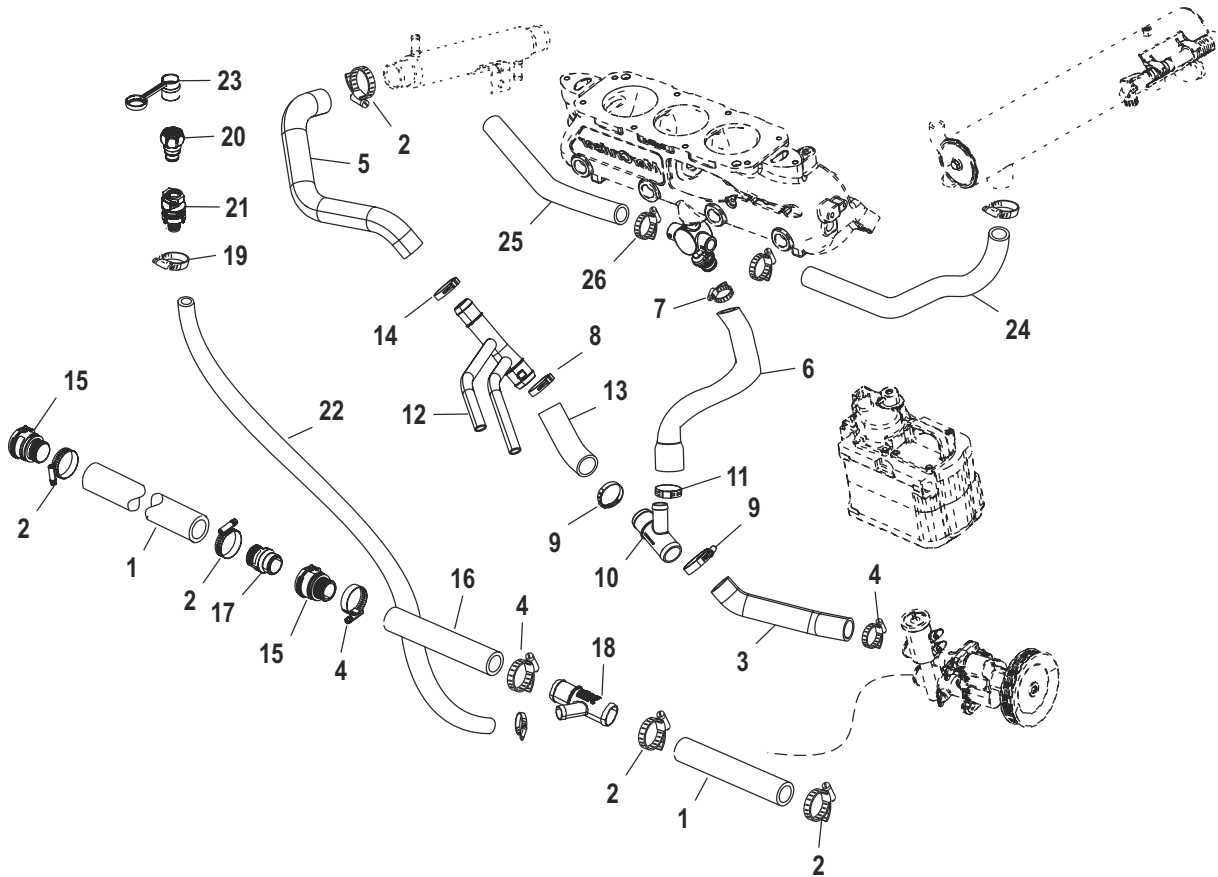
| Ref # | Part Class | Part Number | Description                                                 | Comments                    | Qty | Note |
|-------|------------|-------------|-------------------------------------------------------------|-----------------------------|-----|------|
| 1     | 0032       | 8M2007279   | HOSE Water Drain to Heat Exchanger                          |                             | 1   |      |
| 2     | 0032       | 864488      | HOSE Heat Exchanger to Port Exhaust Manifold Drain          |                             | 1   |      |
| 3     | 0032       | 4285069     | HOSE (44.00 Inches Bulk) Manifold to Y-Fitting              | Port, Cut to 14 Inch Length | 1   |      |
| 4     | 0032       | 863894      | HOSE Connector Tube to Oil Cooler                           |                             | 1   |      |
| 5     | 0032       | 8M2012661   | HOSE Steering Cooler to Y-Fitting                           |                             | 1   |      |
| 6     | 0032       | 8M2007278   | HOSE Steering Cooler to Drain Actuator                      |                             | 1   |      |
| 7     | 0054       | 815504228   | CLAMP Worm Gear                                             |                             | 8   |      |
| 8     | 0054       | 815504216   | CLAMP Worm Gear (1.56 Diameter)                             |                             | 2   |      |
| 9     | 0054       | 815504212   | CLAMP Worm Gear                                             |                             | 2   |      |
| 10    | 0000       | 879312T65   | TUBE                                                        |                             | 1   |      |
| 11    | 0032       | 8M2012662   | HOSE Y-Fitting to Oil Cooler                                |                             | 1   |      |
| 12    | 0022       | 862993      | FITTING Y, (2) 1-1/4 In. Hose Barbs / (1) 3/4 In. Hose Barb |                             | 1   |      |
| 13    | 0054       | 815504216   | CLAMP Worm Gear (1.56 Diameter)                             |                             | 1   |      |
| 14    | 0054       | 815504228   | CLAMP Worm Gear                                             |                             | 2   |      |



## Cooling System Raw Water, Starboard (SN 1A349419 and Below)

| Ref # | Part Class | Part Number | Description                                                 | Comments                                | Qty | Note |
|-------|------------|-------------|-------------------------------------------------------------|-----------------------------------------|-----|------|
| 1     | 0032       | 865672013   | HOSE (4.00 Inches)                                          |                                         | 1   |      |
| 2     | 0054       | 8M2001489   | CLAMP (32 - 50 mm)                                          |                                         | AR  |      |
| 3     | 0032       | 8M2004535   | HOSE Sea Water Pump to Fitting                              |                                         | 1   |      |
| 4     | 0054       | 8M2001489   | CLAMP (32 - 50 mm)                                          |                                         | 1   |      |
| 5     | 0032       | 865235      | HOSE Water Orifice to Power Steering Cooler                 |                                         | 1   |      |
| 6     | 0032       | 8M2004531   | HOSE Drain to Y-Fitting                                     |                                         | 1   |      |
| 7     | 0054       | 815504212   | CLAMP Worm Gear                                             |                                         | 1   |      |
| 8     | 0054       | 8M2001488   | CLAMP Worm Gear (30 - 45 mm)                                |                                         | 1   |      |
| 9     | 0054       | 8M2001490   | CLAMP Worm Gear                                             |                                         | 2   |      |
| 10    | 0022       | 8M2008928   | FITTING                                                     |                                         | 1   |      |
| 11    | 0054       | 8M2001487   | CLAMP (25 - 40 mm)                                          |                                         | 1   |      |
| 12    | 0022       | 865317T01   | FITTING/HOSE ASSEMBLY 2 Bib Orifice Meter                   | (Refer to Service Bulletin MCM 2009-01) | 1   |      |
| 13    | 0032       | 8M2004536   | HOSE Y-Fitting to Orifice Meter                             |                                         | 1   |      |
| 14    | 0054       | 8M2001489   | CLAMP (32 - 50 mm)                                          |                                         | 1   |      |
| 15    | 0022       | 865324      | QUICK CONNECT                                               |                                         | 2   |      |
| 16    | 0032       | 86567231    | HOSE (13.00 Inches) Cut to 8 Inches                         |                                         | 1   |      |
| 17    | 0022       | 865362      | QUICK CONNECT                                               |                                         | 1   |      |
| 18    | 0022       | 862993      | FITTING Y, (2) 1-1/4 In. Hose Barbs / (1) 3/4 In. Hose Barb |                                         | 1   |      |
| 19    | 0054       | 8M2004076   | CLAMP Worm Gear (20 - 32 mm)                                |                                         | 1   |      |
| 20    | 0022       | 861405      | FITTING                                                     |                                         | 1   |      |
| 21    | 0022       | 861406      | SOCKET                                                      |                                         | 1   |      |
| 22    | 0032       | 86438765    | HOSE (34 Inches) Water                                      |                                         | 1   |      |
| 23    | 0000       | 861427      | CAP                                                         |                                         | 1   |      |
| 24    | 0032       | 8M2004598   | HOSE Heat Exchanger to Poppet                               |                                         | 1   |      |
| 25    | 0032       | 8M2001709   | HOSE (36.00 Inches Bulk) Poppet to Collector                | Cut to Fit                              | 1   |      |
| 26    | 0054       | 8M2001484   | CLAMP (8 - 16 mm)                                           |                                         | 4   |      |

## Cooling System Raw Water, Starboard (SN 1A349420 and Above)

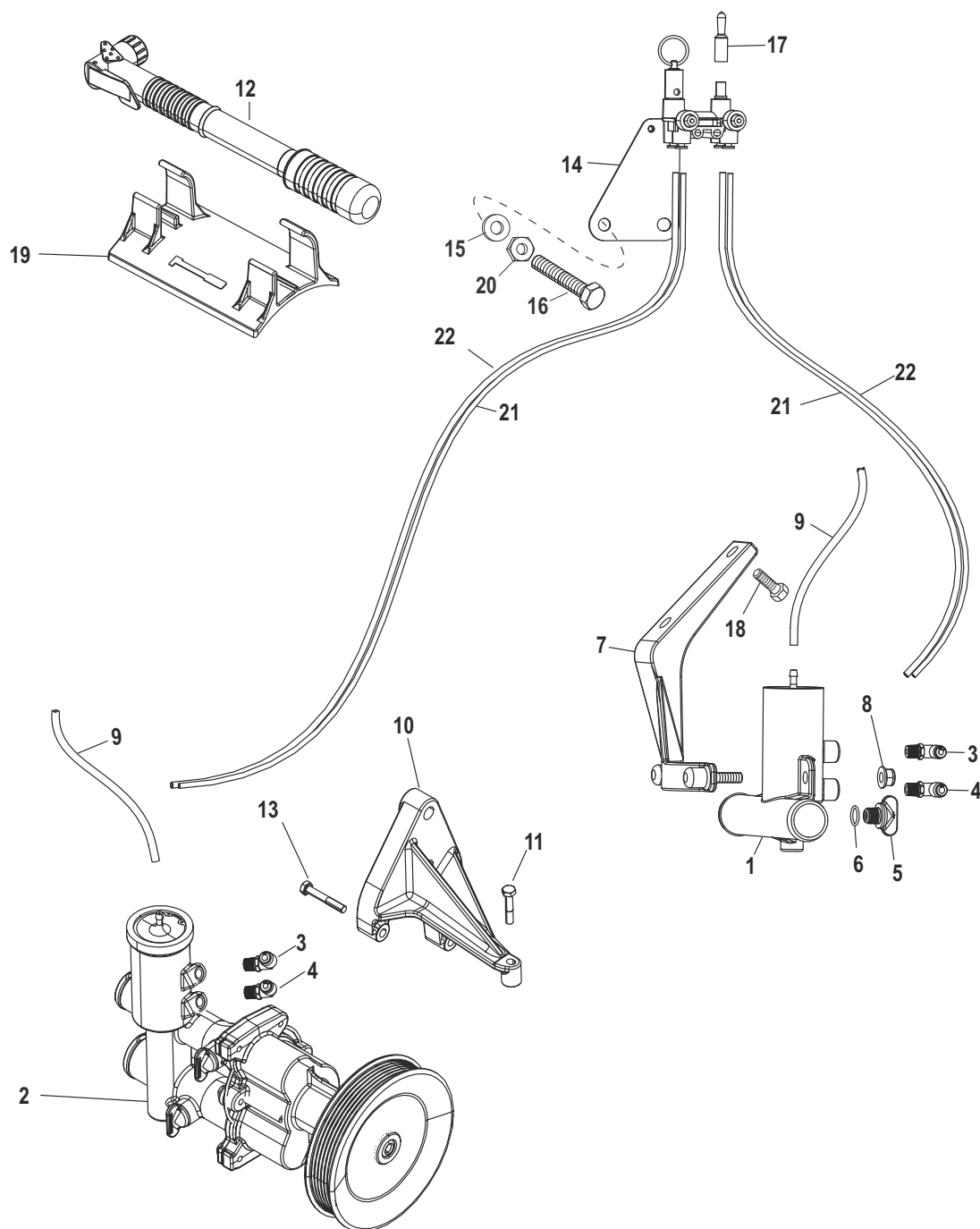


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## Cooling System Raw Water, Starboard (SN 1A349420 and Above)

| Ref # | Part Class | Part Number | Description                                                 | Comments   | Qty | Note |
|-------|------------|-------------|-------------------------------------------------------------|------------|-----|------|
| 1     | 0032       | 865672013   | HOSE (4.00 Inches)                                          |            | 1   |      |
| 2     | 0054       | 8M2001489   | CLAMP (32 - 50 mm)                                          |            | AR  |      |
| 3     | 0032       | 8M2004535   | HOSE Sea Water Pump to Fitting                              |            | 1   |      |
| 4     | 0054       | 8M2001489   | CLAMP (32 - 50 mm)                                          |            | 1   |      |
| 5     | 0032       | 865235      | HOSE Water Orifice to Power Steering Cooler                 |            | 1   |      |
| 6     | 0032       | 8M2004531   | HOSE Drain to Y-Fitting                                     |            | 1   |      |
| 7     | 0054       | 815504212   | CLAMP Worm Gear                                             |            | 1   |      |
| 8     | 0054       | 8M2001488   | CLAMP Worm Gear (30 - 45 mm)                                |            | 1   |      |
| 9     | 0054       | 8M2001490   | CLAMP Worm Gear                                             |            | 2   |      |
| 10    | 0022       | 8M2008928   | FITTING                                                     |            | 1   |      |
| 11    | 0054       | 8M2001487   | CLAMP (25 - 40 mm)                                          |            | 1   |      |
| 12    | 0022       | 865317T02   | HOSE ASSEMBLY 2 Bib Orifice Meter                           |            | 1   |      |
| 13    | 0032       | 8M2004536   | HOSE Y-Fitting to Orifice Meter                             |            | 1   |      |
| 14    | 0054       | 8M2001489   | CLAMP (32 - 50 mm)                                          |            | 1   |      |
| 15    | 0022       | 865324      | QUICK CONNECT                                               |            | 2   |      |
| 16    | 0032       | 86567231    | HOSE (13.00 Inches) Cut to 8 Inches                         |            | 1   |      |
| 17    | 0022       | 865362      | QUICK CONNECT                                               |            | 1   |      |
| 18    | 0022       | 862993      | FITTING Y, (2) 1-1/4 In. Hose Barbs / (1) 3/4 In. Hose Barb |            | 1   |      |
| 19    | 0054       | 8M2004076   | CLAMP Worm Gear (20 - 32 mm)                                |            | 1   |      |
| 20    | 0022       | 861405      | FITTING                                                     |            | 1   |      |
| 21    | 0022       | 861406      | SOCKET                                                      |            | 1   |      |
| 22    | 0032       | 86438765    | HOSE (34 Inches) Water                                      |            | 1   |      |
| 23    | 0000       | 861427      | CAP                                                         |            | 1   |      |
| 24    | 0032       | 8M2004598   | HOSE Heat Exchanger to Poppet                               |            | 1   |      |
| 25    | 0032       | 8M2001709   | HOSE (36.00 Inches Bulk) Poppet to Collector                | Cut to Fit | 1   |      |
| 26    | 0054       | 8M2001484   | CLAMP (8 - 16 mm)                                           |            | 4   |      |

## Water Drain System



41684

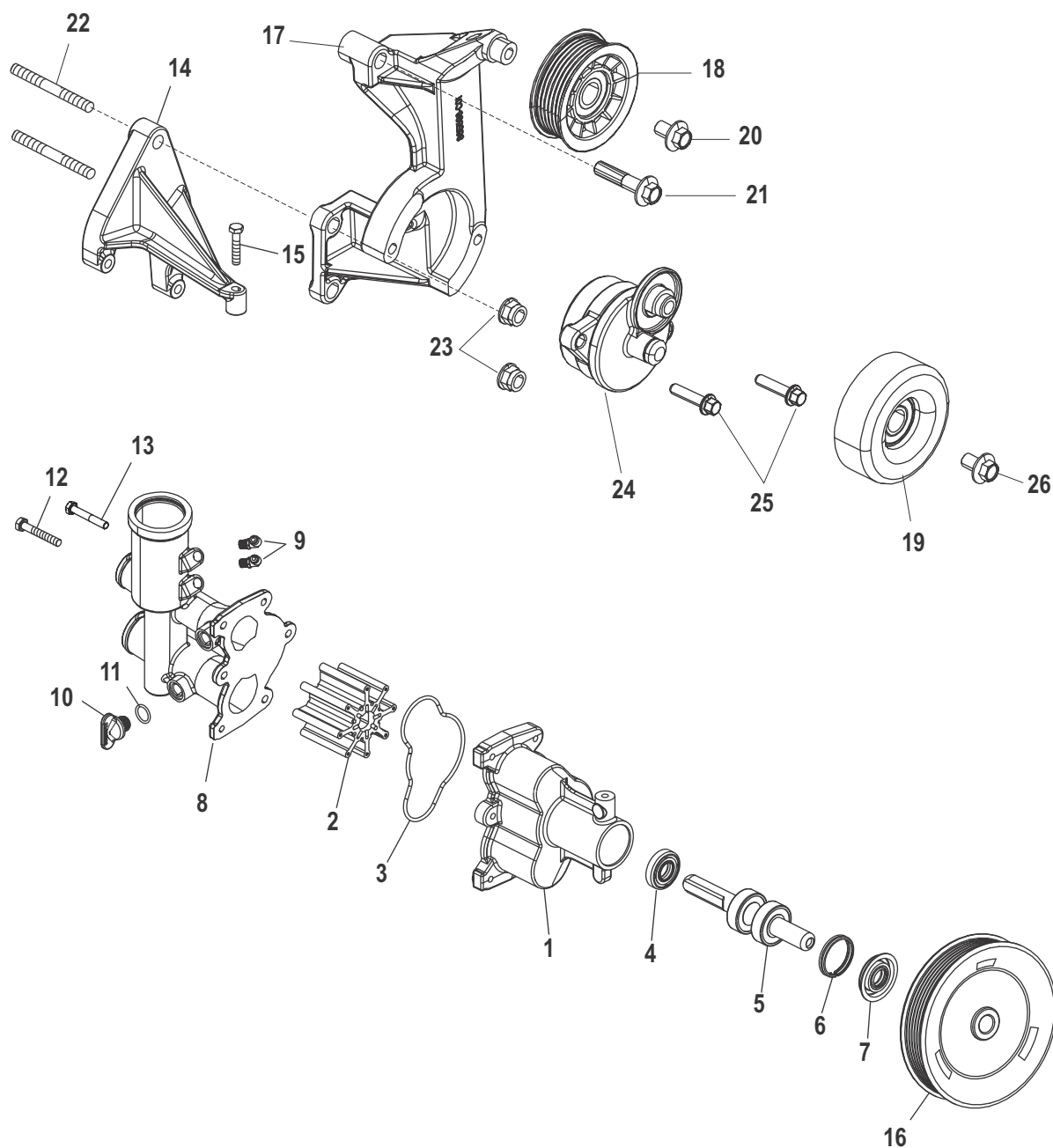
## Water Drain System

| Ref # | Part Class | Part Number | Description                        | Comments                                         | Qty | Note |
|-------|------------|-------------|------------------------------------|--------------------------------------------------|-----|------|
| 1     | 0000       | 863717A2    | ACTUATOR ASSEMBLY Water Drain      | Port                                             | 1   |      |
| 2     | 0046       | 862914T12   | PUMP KIT Sea Water                 | See "Seawater Pump" for Component Break down     | 1   |      |
| 3     | 0022       | 865288      | FITTING Gray (90 Degree)           |                                                  | 1   |      |
| 4     | 0022       | 865289      | FITTING Orange (90 Degree)         |                                                  | 1   |      |
| 5     | 0022       | 806608A02   | PLUG ASSEMBLY (.500-13) Blue       |                                                  | 1   | [1]  |
| 6     | 0025       | 26802       | O-RING (.424 x .103)               |                                                  | 1   |      |
| 7     | 0000       | 863863T     | BRACKET Actuator Mounting          | Port                                             | 1   |      |
| 8     | 0011       | 826365      | NUT (M8) Nylock                    |                                                  | 4   |      |
| 9     | 0032       | 8630561     | HOSE (42.00 Inches Bulk) Black Air |                                                  | 2   |      |
| 10    | 0000       | 863859T     | BRACKET                            |                                                  | 1   |      |
| 11    | 0010       | 4000331     | SCREW (M6 x 30)                    |                                                  | 1   |      |
| 12    | 0000       | 863057      | PUMP Air                           |                                                  | 1   |      |
| 13    | 0010       | 8M2012296   | SCREW (M6 x 40)                    |                                                  | 2   |      |
| 14    | 0000       | 862969A2    | MANIFOLD ASSEMBLY Air              |                                                  | 1   |      |
| 15    | 0012       | 4002314     | WASHER                             |                                                  | 2   |      |
| 16    | 0010       | 864887      | SCREW (M5)                         |                                                  | 2   |      |
| 17    | 0019       | 883503      | CAP Service Point                  |                                                  | 1   |      |
| 18    | 0010       | 4000374     | SCREW (M10 x 16)                   |                                                  | 2   |      |
| 19    | 0000       | 863059      | BRACKET Air Pump                   |                                                  | 1   |      |
| 20    | 0011       | 826292      | NUT (M10) Brass/Nickel Plated      |                                                  | 2   |      |
| 21    | 0032       | 8630552     | HOSE (40.00 Inches Bulk) Green     | Cut Starboard to 25.5 Inch, Port Hose To 23 Inch | 2   |      |
| 22    | 0032       | 8630542     | HOSE (40.00 Inches Bulk) Grey      | Starboard 40 Inch, Port Hose To 23 Inch          | 2   |      |

## PART NOTES:

- [1] - Alternate part numbers:  
806608A02 Service Part  
806608Q01 QS

## Seawater Pump



34955

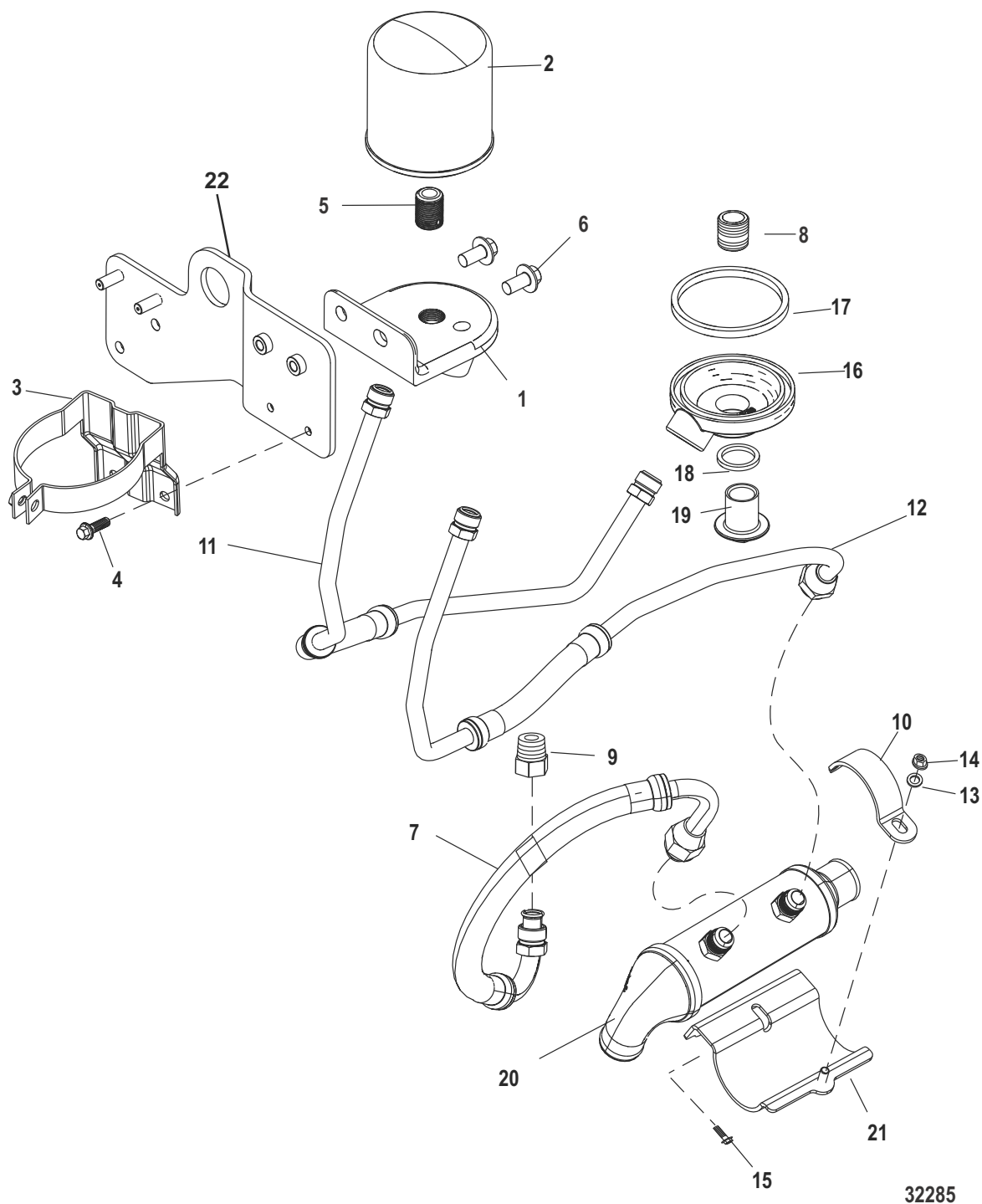
## Seawater Pump

| Ref # | Part Class | Part Number | Description                                      | Comments                | Qty | Note |
|-------|------------|-------------|--------------------------------------------------|-------------------------|-----|------|
| -     | 0046       | 862914T12   | PUMP KIT Sea Water                               |                         | 1   |      |
| 1     | 0046       | 862914A13   | HOUSING ASSEMBLY Impeller                        |                         | 1   |      |
| 2     | 0047       | 862232A2    | IMPELLER                                         |                         | 1   |      |
| 3     | 0000       | 8M2021987   | O-RING Formed                                    |                         | 1   |      |
| 4     | 0026       | 862037      | SEAL Oil                                         |                         | 1   |      |
| 5     | 0000       | 862235A1    | DRIVESHAFT ASSEMBLY<br>Impeller                  |                         | 1   |      |
| 6     | 0000       | 862039      | TOLERANCE RING                                   |                         | 1   |      |
| 7     | 0026       | 862040      | SEAL Lip                                         |                         | 1   |      |
| 8     | 0000       | 863674A04   | COVER KIT Impeller Housing                       |                         | 1   |      |
| 9     | 0022       | 865288      | FITTING Gray (90 Degree)                         |                         | 1   |      |
| 9     | 0022       | 865289      | FITTING Orange (90 Degree)                       |                         | 1   |      |
| 10    | 0022       | 806608A02   | PLUG ASSEMBLY (.500-13) Blue                     |                         | 2   | [1]  |
| 11    | 0025       | 26802       | O-RING (.424 x .103)                             |                         | 2   |      |
| 12    | 0010       | 4000328     | SCREW (M6 x 16)                                  |                         | 6   |      |
| 13    | 0010       | 8M2012296   | SCREW (M6 x 40)                                  |                         | 2   |      |
| 14    | 0000       | 863859T     | BRACKET Sea Water Pump                           |                         | 1   |      |
| 15    | 0010       | 4000331     | SCREW (M6 x 30)                                  |                         | 1   |      |
| 16    | 0000       | 862351T     | PULLEY                                           |                         | 1   |      |
| 16    | 0000       | 862351T     | PULLEY                                           | Axis [1A349534] & Below | 1   |      |
| 16    | 0000       | 879172T78   | PULLEY High Current                              | Axis [1A349535] & Up    | 1   |      |
| 17    | 0000       | 865596T01   | BRACKET Idler Pulley                             |                         | 1   |      |
| 18    | 0000       | 865444T     | PULLEY (3.50 Inch Diameter) Idler,<br>Grooved    |                         | 1   |      |
| 19    | 0000       | 865777      | PULLEY Idler, Non-Grooved                        |                         | 1   |      |
| 20    | 0010       | 4010816     | SCREW (M10 x 16) Hex Flange -<br>Stainless Steel |                         | 1   |      |
| 21    | 0010       | 4010845     | SCREW (M10 x 45) Hex Flange -<br>Stainless Steel |                         | 1   |      |
| 22    | 0016       | 854309      | STUD (M10 x 76)                                  |                         | 2   |      |
| 23    | 0011       | 826292      | NUT (M10) Brass/Nickel Plated                    |                         | 2   |      |
| 23    | 0011       | 8M2000545   | NUT (M10) Stainless Steel                        | (SEACORE)               | 2   |      |
| 24    | 0000       | 865597T     | TENSIONER Belt                                   |                         | 1   |      |
| 25    | 0010       | 88552630    | SCREW (M8 x 30)                                  |                         | 2   |      |
| 26    | 0010       | 4010820     | SCREW (M10 x 20) Hex Flange -<br>Stainless Steel |                         | 1   |      |
| -     | 0000       | 879172A34   | PULLEY KIT High Current, Axis                    | [1A349534] & Below      | 1   |      |

## PART NOTES:

- [1] - Alternate part numbers:  
806608A02Service Part  
806608Q01QS

## Remote Oil System



## Remote Oil System

| Ref # | Part Class | Part Number | Description                                            | Comments    | Qty | Note |
|-------|------------|-------------|--------------------------------------------------------|-------------|-----|------|
| 1     | 0000       | 863732T1    | BRACKET Remote Oil Filter                              |             | 1   |      |
| 2     | 0035       | 866340Q03   | FILTER Oil - Quicksilver Brand                         |             | 1   | [1]  |
| 3     | 0000       | 865262A02   | BRACKET ASSEMBLY                                       |             | 1   |      |
| 4     | 0010       | 4010720     | SCREW (M8 x 20)                                        |             | 2   |      |
| 5     | 0022       | 863485      | FITTING                                                |             | 1   |      |
| 6     | 0010       | 4010820     | SCREW (M10 x 20) Hex Flange - Stainless Steel          |             | 2   |      |
| 7     | 0032       | 863915      | HOSE Oil, Cooler to Adaptor                            |             | 1   |      |
| 8     | 0022       | 805632      | CONNECTOR                                              |             | 1   |      |
| 9     | 0022       | 805563      | CONNECTOR (.500 Inch NPTF To .500 Inch Inverted Flare) |             | 1   |      |
| 10    | 0000       | 807445T     | CLAMP Cooler Bracket                                   |             | 1   |      |
| 11    | 0032       | 866401      | HOSE Oil, Filter Base to Block                         |             | 1   |      |
| 12    | 0032       | 866402      | HOSE Oil, Filter to Cooler                             |             | 1   |      |
| 12    | 0032       | 8M2012624   | HOSE Oil, Filter to Cooler                             | Axius Gen I | 1   |      |
| 13    | 0012       | 22937       | WASHER                                                 |             | 1   |      |
| 13    | 0012       | 35044       | WASHER (.281 x .625 x .065) Stainless Steel            | (SEACORE)   | 1   |      |
| 14    | 0011       | 401366      | NUT (M6) Stainless Steel                               |             | 1   |      |
| 15    | 0010       | 4000327     | SCREW (M6 x 14)                                        |             | 2   |      |
| 16    | 0000       | 862870T     | ADAPTER Oil Filter                                     |             | 1   |      |
| 17    | 0026       | 862957      | SEAL Oil Filter Adaptor                                |             | 1   | [2]  |
| 18    | 0026       | 42077       | SEAL Swivel Tube                                       |             | 1   | [2]  |
| 19    | 0022       | 862958      | FITTING Oil Filter Adaptor                             |             | 1   |      |
| 20    | 0000       | 879288T46   | COOLER Oil                                             |             | 1   |      |
| 21    | 0000       | 863905T     | BRACKET Oil Cooler                                     |             | 1   |      |
| 22    | 0000       | 866626T     | BRACKET Front Lifting Eye                              |             | 1   |      |

## PART NOTES:

- [1] - Alternate part numbers:
- 866340K01MPP
- 866340Q02Service Part
- 866340Q03QS
- [2] - Component of Engine Gasket Set 889924A03
- Component of Engine Gasket Set 883231A02

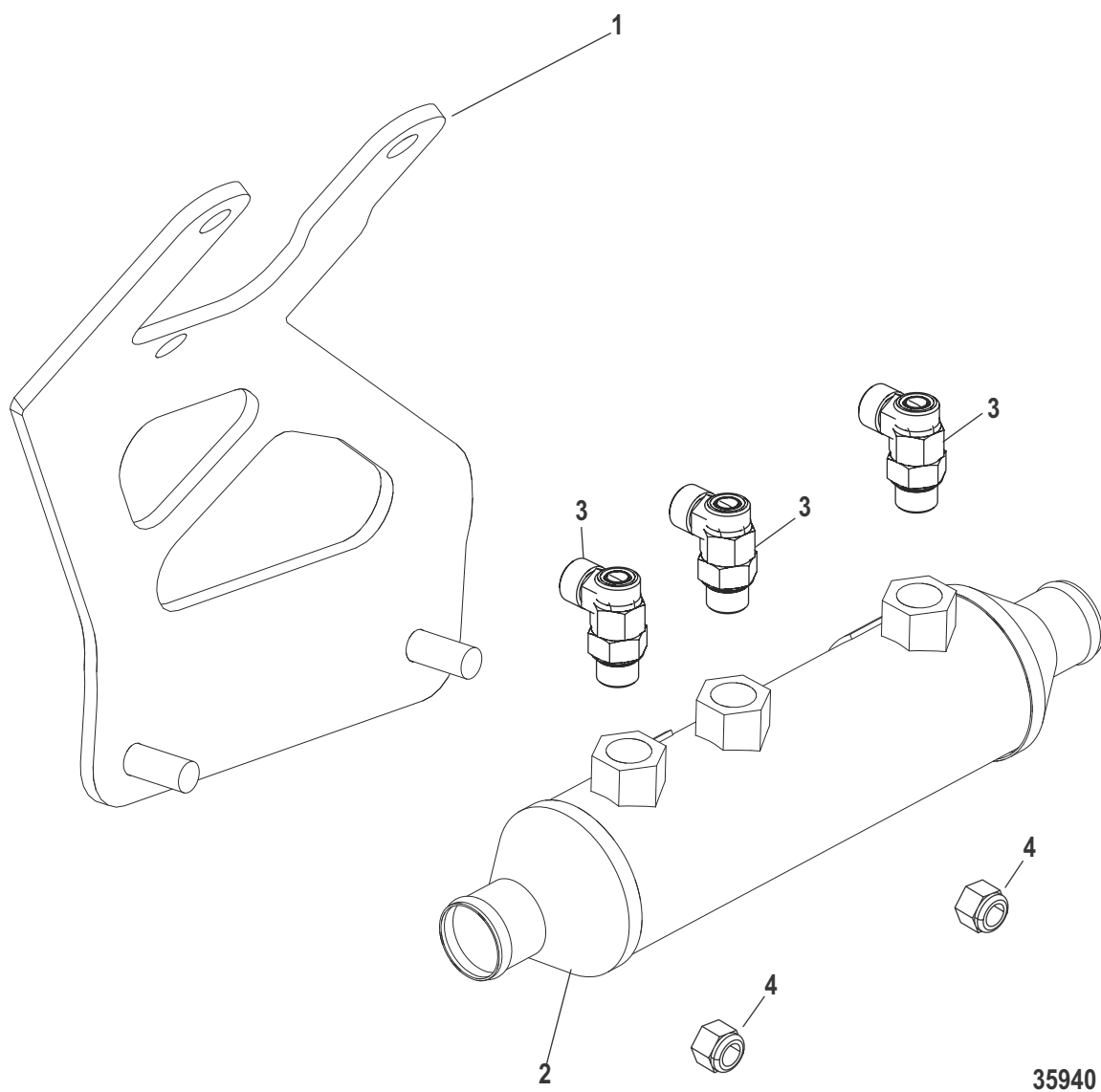
## Steering Components



## Steering Components

| Ref # | Part Class | Part Number | Description                                      | Comments  | Qty | Note |
|-------|------------|-------------|--------------------------------------------------|-----------|-----|------|
| -     | 0000       | 865264A06   | RESERVOIR KIT                                    |           | 1   |      |
| 1     | 0000       | 865264T     | RESERVOIR ASSEMBLY Oil - Power-Assisted Steering |           | 1   |      |
| 2     | 0019       | 865263      | CAP Oil Reservoir - Brown                        |           | 1   |      |
| 3     | 0000       | 865262A02   | BRACKET ASSEMBLY                                 |           | 1   |      |
| 4     | 0010       | 82130025    | SCREW (M6 x 25)                                  |           | 1   |      |
| 5     | 0010       | 4010716     | SCREW (M8 x 16)                                  |           | 2   |      |
| 6     | 0010       | 816585      | SCREW (.312-18 x .875)                           |           | 1   |      |
| 7     | 0000       | 865710T     | PUMP ASSEMBLY .75 Shaft Diameter Power Steering  |           | 1   |      |
| 8     | 0000       | 865795      | PULLEY Power Steering                            |           | 1   |      |
| 9     | 0010       | 4010720     | SCREW (M8 x 20)                                  |           | 3   |      |
| 10    | 0000       | 865595T01   | BRACKET Power Steering Pump                      |           | 1   |      |
| 11    | 0010       | 4010816     | SCREW (M10 x 16) Hex Flange - Stainless Steel    |           | 1   |      |
| 12    | 0000       | 865598      | PULLEY                                           |           | 1   |      |
| 13    | 0010       | 4010890     | SCREW (M10 x 90) Hex Flange - Stainless Steel    |           | 3   |      |
| 14    | 0032       | 865390015   | HOSE Male Quick Connect Cylinder to Cooler       |           | 1   |      |
| 15    | 0032       | 866406      | HOSE Pump to Reservoir                           |           | 1   |      |
| 16    | 0032       | 866687      | HOSE Pressure Pump to Cylinder                   |           | 1   |      |
| 16    | 0032       | 866509      | HOSE Pressure Pump to Cylinder                   | (SEACORE) | 1   |      |
| 17    | 0032       | 865717      | HOSE Reservoir to Cooler                         |           | 1   |      |
| 18    | 0054       | 8M2001484   | CLAMP (8 - 16 mm) Hose                           |           | 3   |      |
| 19    | 0054       | 8M2001486   | CLAMP Worm Gear (16-27 mm) Hose                  |           | 2   |      |
| 20    | 0000       | 865383A02   | ACTUATOR ASSEMBLY Steering                       |           | 1   |      |
| 21    | 0017       | 15878       | PIN Clevis                                       | Long      | 1   |      |
| 22    | 0017       | 16419       | PIN Clevis                                       | Short     | 1   |      |
| 23    | 0018       | 46950       | COTTER PIN                                       |           | 2   |      |
| 24    | 0025       | 806232      | O-RING (.239 x .064)                             |           | 1   |      |
| 25    | 0025       | 89879       | O-RING (.301 x .064)                             |           | 2   |      |
| 26    | 0022       | 865415      | FITTING                                          |           | 1   |      |
| 27    | 0022       | 865414001   | FITTING                                          |           | 1   |      |
| 28    | 0000       | 881879010   | SENSOR                                           |           | 1   |      |
| 29    | 0000       | 863820T1    | COOLER Power Steering                            | Metal     | 1   |      |
| 30    | 0000       | 863820T03   | COOLER ASSEMBLY Power Steering                   | Composite | 1   |      |
| 31    | 0000       | 863820T02   | COOLER Power Steering                            | Composite | 1   |      |
| 32    | 0023       | 8M2017227   | SPACER                                           |           | 1   |      |
| 33    | 0084       | 8M2100159   | HARNESS Ground                                   |           | 1   |      |
| 34    | 0010       | 8M2016106   | SCREW (.312 x 1.25)                              |           | 1   |      |

## AXIUS Steering Oil Cooler and Bracket, Gen I

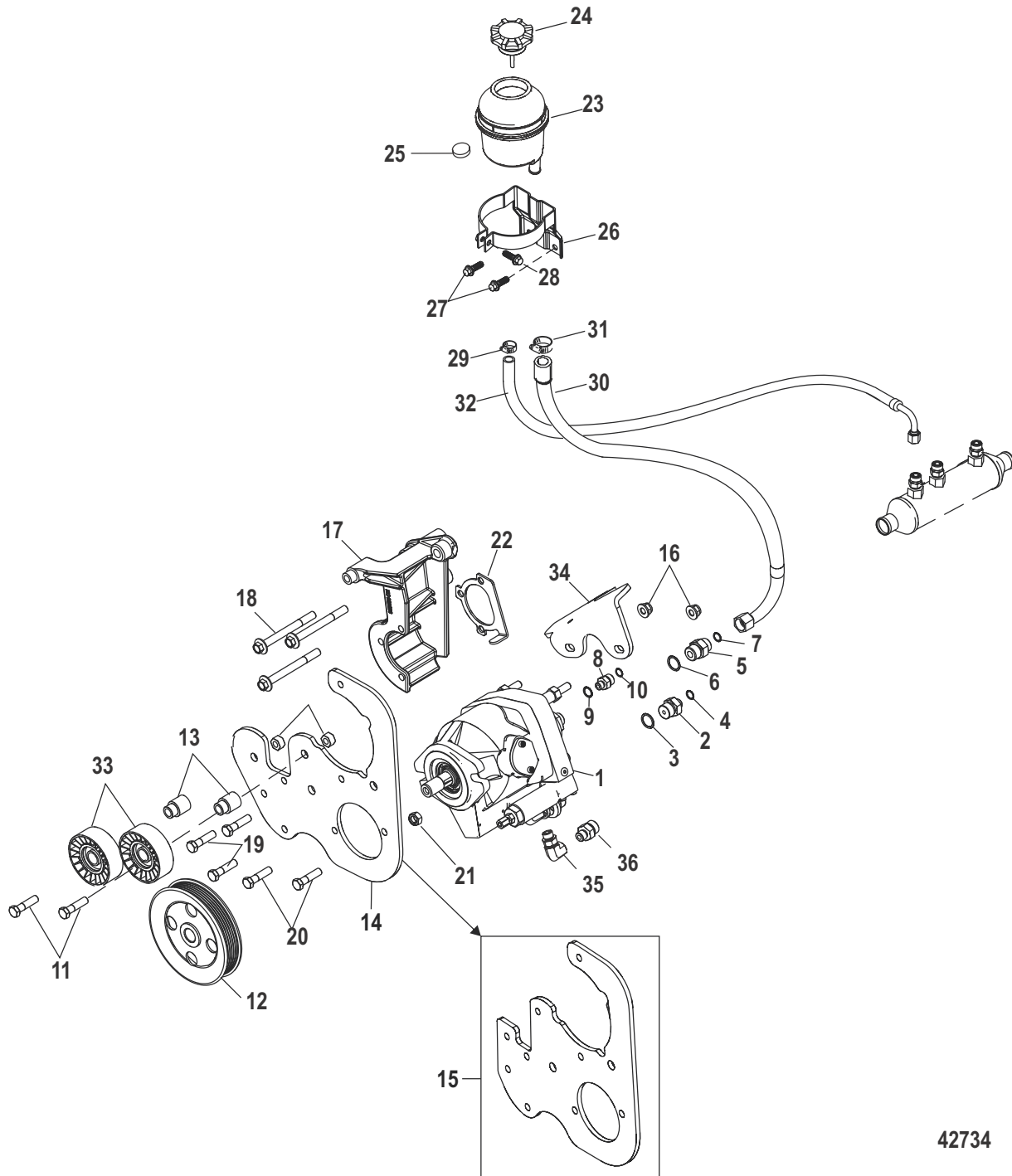


35940

**AXIUS Steering Oil Cooler and Bracket, Gen I**

| Ref # | Part Class | Part Number | Description           | Comments | Qty | Note |
|-------|------------|-------------|-----------------------|----------|-----|------|
| 1     | 0000       | 8M2005321   | BRACKET               |          | 1   |      |
| 2     | 0000       | 879194T52   | COOLER Power Steering |          | 1   |      |
| 3     | 0022       | 8M2008374   | FITTING               |          | 3   |      |
| 4     | 0011       | 860069      | NUT (.375-16)         |          | 2   |      |

# AXIUS Steering Hydraulic Pump and Reservoir, Gen I



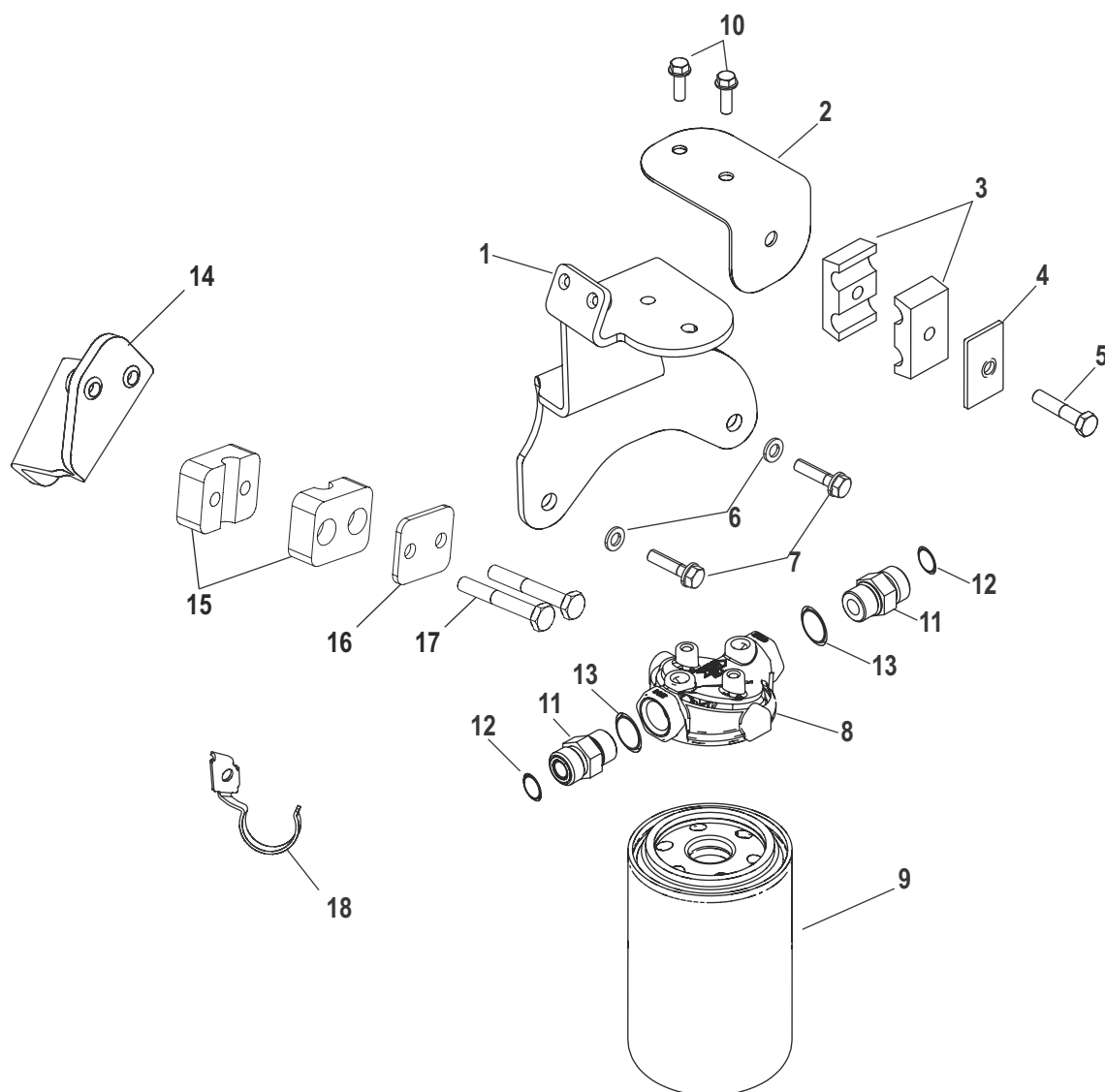
42734

# AXIUS Steering Hydraulic Pump and Reservoir, Gen I

| Ref # | Part Class | Part Number | Description                                      | Comments           | Qty | Note |
|-------|------------|-------------|--------------------------------------------------|--------------------|-----|------|
| 1     | 0000       | 879194T51   | PUMP                                             |                    | 1   |      |
| 2     | 0022       | 8M2007281   | FITTING                                          |                    | 1   |      |
| 3     |            | NSS         | NOT SOLD SEPARATE                                |                    | 1   |      |
| 4     | 0025       | 8M2004603   | O-RING                                           |                    | 1   |      |
| 5     | 0022       | 8M2008373   | FITTING (1.25 in.)                               |                    | 1   |      |
| 6     |            | NSS         | NOT SOLD SEPARATE                                |                    | 1   |      |
| 7     | 0025       | 8M2008541   | O-RING                                           |                    | 1   |      |
| 8     | 0022       | 8M2007090   | FITTING (-6) ORF TO ( -8) ORB, Straight          |                    | 1   |      |
| 9     | 0025       | 8M2004354   | O-RING (.468 X .078)                             |                    | 1   |      |
| 10    |            | NSS         | NOT SOLD SEPARATE                                |                    | 1   |      |
| 11    | 0010       | 4010860     | SCREW (M10 x 60) Hex Flange - Stainless Steel    |                    | 2   |      |
| 12    | 0000       | 8M2001037   | PULLEY Power Steering                            | [1A349534] & Below | 2   |      |
| 12    | 0000       | 8M8020627   | PULLEY Power Steering, High Current              | [1A349535] & Up    | 2   |      |
| 13    | 0000       | 8M8020541   | BUSHING                                          |                    | 2   |      |
| 14    | 0000       | 8M2007248   | BRACKET Power Steering Pump                      | [1A349534] & Below | 1   |      |
| 15    | 0000       | 8M2013950   | BRACKET Power Steering Pump, High Current        | [1A349535] & Up    | 1   |      |
| 16    | 0011       | 860069      | NUT (.375-16)                                    |                    | 2   |      |
| 17    | 0000       | 865595T01   | BRACKET                                          |                    | 1   |      |
| 18    | 0010       | 8M0012503   | SCREW (M10 x 1.5)                                |                    | 3   |      |
| 19    | 0010       | 4010720     | SCREW (M8 x 20)                                  |                    | 3   |      |
| 20    | 0010       | 34354       | SCREW (.375-16 x 1.50)                           |                    | 2   |      |
| 21    | 0011       | 860069      | NUT (.375-16)                                    |                    | 2   |      |
| 22    | 0000       | 8M2009215   | BRACKET                                          |                    | 1   |      |
| 23    | 0000       | 865264T     | RESERVOIR ASSEMBLY Oil - Power-Assisted Steering |                    | 1   |      |
| 24    | 0019       | 865263      | CAP Oil Reservoir - Brown                        |                    | 1   |      |
| 25    | 0000       | 87919455T   | MAGNET Power Steering Reservoir                  |                    | 1   |      |
| 26    | 0000       | 865262A02   | BRACKET ASSEMBLY                                 |                    | 1   |      |
| 27    | 0010       | 4010716     | SCREW (M8 x 16)                                  |                    | 2   |      |
| 28    | 0010       | 82130025    | SCREW (M6 x 25)                                  |                    | 1   |      |
| 29    | 0054       | 815504105   | CLAMP Worm Gear (11-18 mm)                       |                    | 1   |      |
| 30    | 0032       | 8M2012143   | HOSE Inlet to Reservoir                          |                    | 1   |      |
| 31    | 0054       | 815504210   | CLAMP Worm Gear                                  |                    | 1   |      |
| 32    | 0032       | 8M2006304   | HOSE                                             |                    | 1   |      |
| 33    | 0000       | 865598      | PULLEY                                           |                    | 2   |      |
| 34    | 0000       | 8M2007274   | BRACKET                                          |                    | 1   |      |
| 35    | 0022       | 8M2009850   | FITTING (-6) Orb to 1/4 NPT                      |                    | 1   |      |
| 36    | 0022       | 8M2009851   | COUPLING Hydraulic Quick                         |                    | 1   |      |
| -     | 0000       | 879172A34   | PULLEY KIT High Current, Axius                   | [1A349534] & Below | 1   |      |

AXIUS Steering Hydraulic Pump and Reservoir, Gen I

## AXIUS Steering Fluid Filter(Non-HP)1A349742 and Below,Gen I

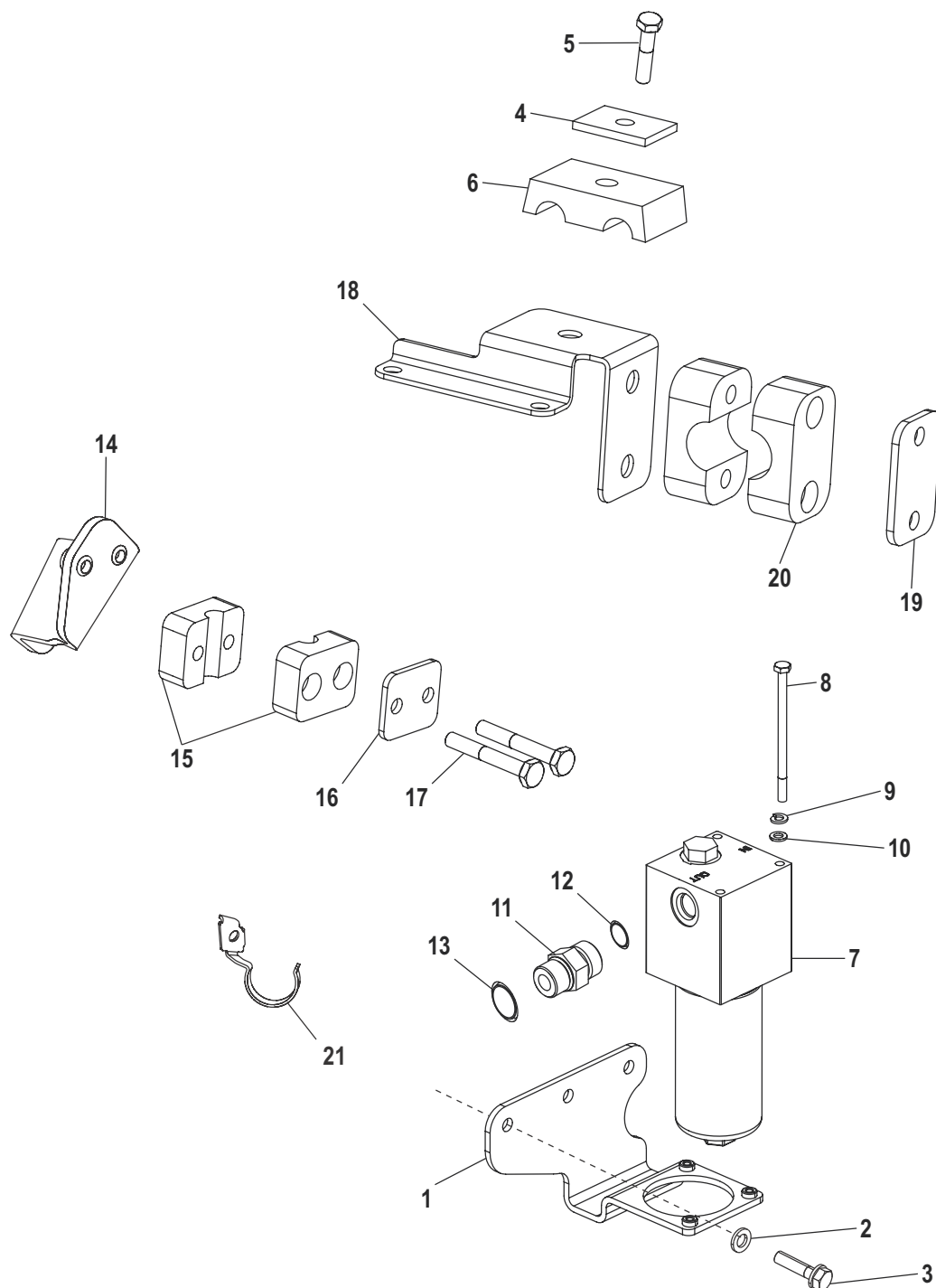


46070

## AXIUS Steering Fluid Filter(Non-HP)1A349742 and Below,Gen I

| Ref # | Part Class | Part Number | Description                                             | Comments | Qty | Note |
|-------|------------|-------------|---------------------------------------------------------|----------|-----|------|
| 1     | 0000       | 879172T31   | BRACKET Oil Filter Mount                                |          | 1   |      |
| 2     | 0000       | 879194T49   | BRACKET                                                 |          | 1   |      |
| 3     | 0000       | 8M2009216   | CLAMP                                                   |          | 2   |      |
| 4     | 0000       | 8M2009217   | PLATE                                                   |          | 1   |      |
| 5     | 0010       | 69267       | SCREW (.312-18 x 1.750)                                 |          | 1   |      |
| 6     | 0013       | 72521       | LOCKWASHER Internal Tooth                               |          | 2   |      |
| 7     | 0010       | 816585      | SCREW (.312-18 x .875)                                  |          | 2   |      |
| 8     | 0000       | 8M8020569   | HEAD Oil Filter                                         |          | 1   |      |
| 9     | 0035       | 881132T     | FILTER                                                  |          | 1   |      |
| 10    | 0010       | 901921      | SCREW (.250-20 x .750) Stainless Steel With Nylon Patch |          | 2   |      |
| 11    | 0022       | 8M2010478   | FITTING                                                 |          | 2   |      |
| 12    |            | NSS         | NOT SOLD SEPARATE O-RING                                |          | 1   |      |
| 13    |            | NSS         | NOT SOLD SEPARATE O-RING                                |          | 1   |      |
| 14    | 0000       | 8M2006730   | BRACKET Pressure Hose Mount                             |          | 1   |      |
| 15    | 0054       | 8M2007315   | CLAMP Tube                                              |          | 2   |      |
| 16    | 0000       | 8M2007316   | PLATE Tube Clamp                                        |          | 1   |      |
| 17    | 0010       | 78038       | SCREW (.250-20 x 1.75)                                  |          | 2   |      |
| 18    | 0000       | 8M2008285   | RETAINER Oil Line                                       |          | 1   |      |

# AXIUS Steering Fluid Filter (HP) SN 1A349743 and Up, Gen I

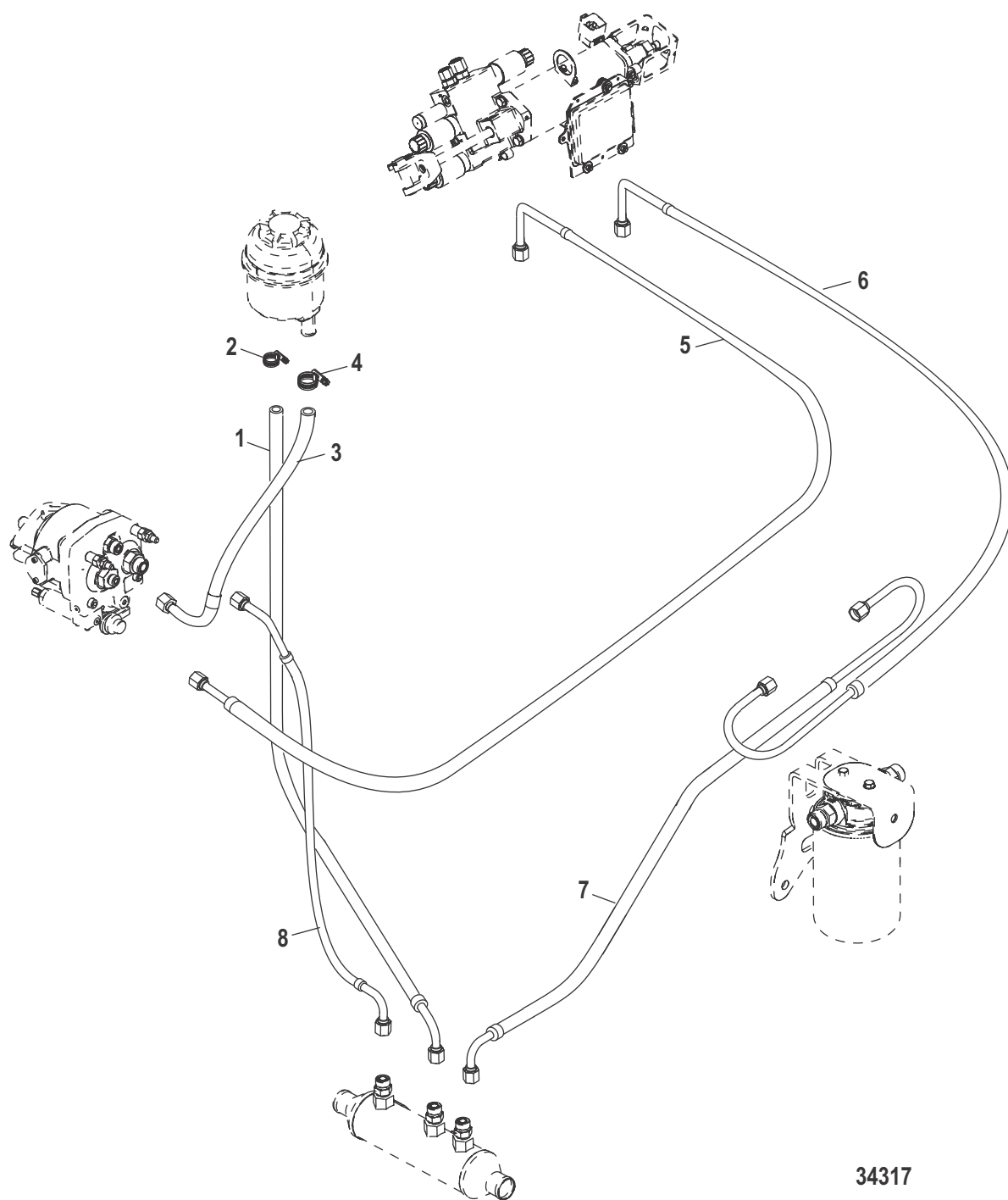


46069

## AXIUS Steering Fluid Filter (HP) SN 1A349743 and Up, Gen I

| Ref # | Part Class | Part Number | Description                                 | Comments | Qty | Note |
|-------|------------|-------------|---------------------------------------------|----------|-----|------|
| 1     | 0000       | 879172T     | BRACKET Oil Filter Mount                    |          | 1   |      |
| 2     | 0013       | 72521       | LOCKWASHER Internal Tooth                   |          | 3   |      |
| 3     | 0010       | 816585      | SCREW (.312-18 x .875)                      |          | 3   |      |
| 4     | 0000       | 8M2017033   | PLATE Cover                                 |          | 1   |      |
| 5     | 0010       | 4000332     | SCREW (M6 x 35)                             |          | 1   |      |
| 6     | 0054       | 8M2017031   | CLAMP                                       |          | 1   |      |
| 7     | 0035       | 879288T     | FILTER High Pressure                        |          | 1   |      |
| 8     | 0010       | 844886      | SCREW (.250-20 x 4.250)                     |          | 3   |      |
| 9     | 0013       | 26992       | LOCKWASHER (.250) Stainless Steel           |          | 3   |      |
| 10    | 0012       | 29245       | WASHER (.281 x .500 x .060) Stainless Steel |          | 3   |      |
| 11    | 0022       | 8M2015982   | FITTING Adapter (-6ORF TO -8ORB)            |          | 2   |      |
| 12    |            | NSS         | NOT SOLD SEPARATE O-RING                    |          | 1   |      |
| 13    |            | NSS         | NOT SOLD SEPARATE O-RING                    |          | 1   |      |
| 14    | 0000       | 8M2006730   | BRACKET Pressure Hose Mount                 |          | 1   |      |
| 15    | 0054       | 8M2007315   | CLAMP Tube                                  |          | 2   |      |
| 16    | 0000       | 8M2007316   | PLATE Tube Clamp                            |          | 1   |      |
| 17    | 0010       | 78038       | SCREW (.250-20 x 1.75)                      |          | 2   |      |
| 18    | 0000       | 879194T     | BRACKET Filter Hose Clamp                   |          | 1   |      |
| 19    | 0054       | 8M2017127   | CLAMP Hose                                  |          | 1   |      |
| 20    | 0000       | 8M2017128   | PLATE Cover                                 |          | 1   |      |
| 21    | 0000       | 8M2008285   | RETAINER Oil Line                           |          | 1   |      |
| NS    | 0010       | 4000335     | SCREW (M6 x 50) M6 x 50 Hose                |          | 3   |      |
| NS    | 0012       | 4002316     | WASHER (6.60 X 17.0 X 1.5SS)                |          | 3   |      |
| NS    | 0013       | 400256      | LOCKWASHER (M6)                             |          | 3   |      |

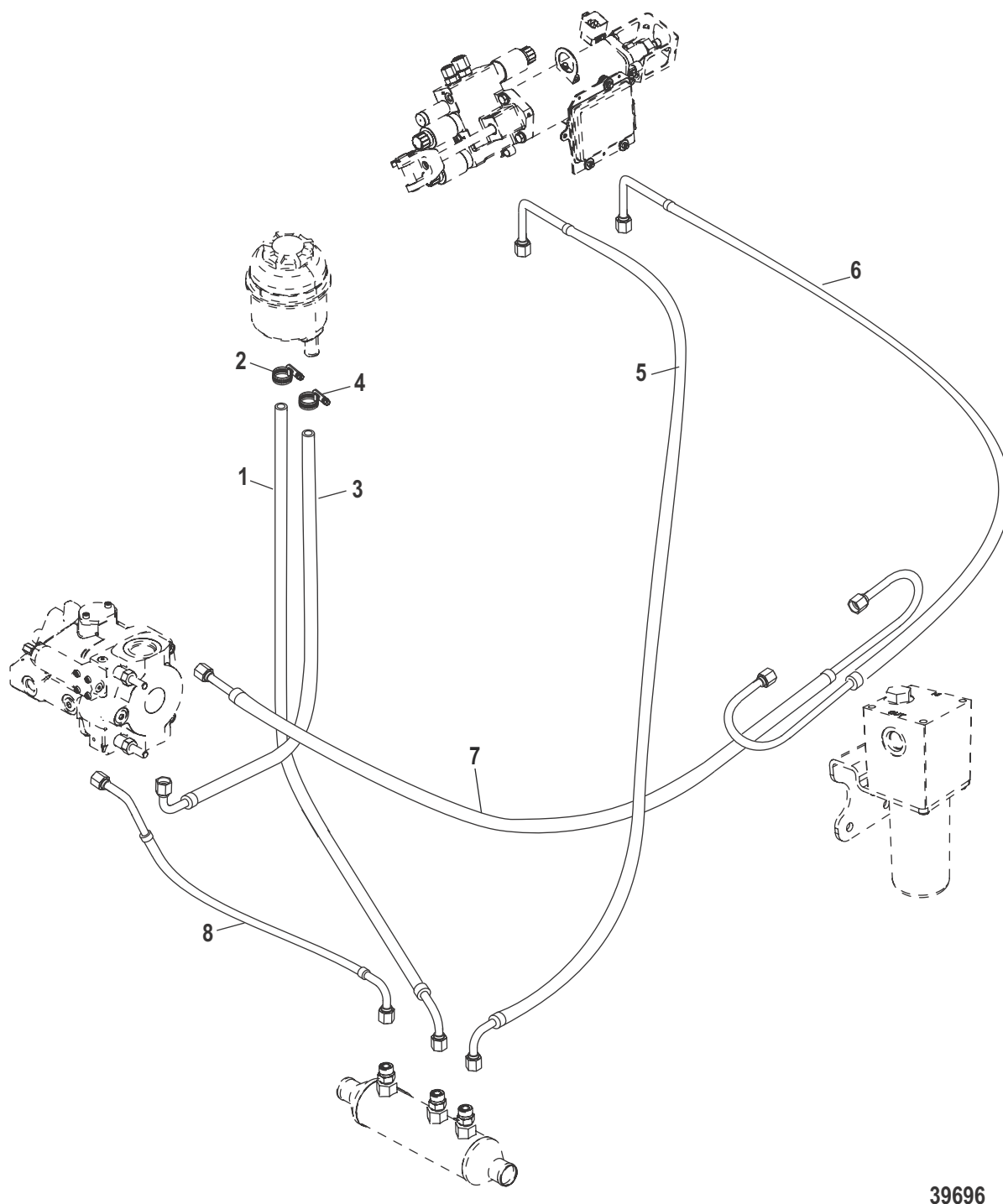
## AXIUS Steering Hoses(Non-HP Filter)1A349742 and Below,Gen I



**AXIUS Steering Hoses(Non-HP Filter)1A349742 and Below,Gen I**

| Ref # | Part Class | Part Number | Description                | Comments                              | Qty | Note |
|-------|------------|-------------|----------------------------|---------------------------------------|-----|------|
| 1     | 0032       | 8M2006304   | HOSE Reservoir to Cooler   |                                       | 1   |      |
| 2     | 0054       | 8M2001484   | CLAMP (8 - 16 mm)          |                                       | 1   |      |
| 3     | 0032       | 8M2012143   | HOSE Reservoir to Pump     |                                       | 1   |      |
| 4     | 0054       | 8M2001486   | CLAMP Worm Gear (16-27 mm) |                                       | 1   |      |
| 5     | 0032       | 8M2009506   | HOSE Pump to Actuator      | (Refer to Service Bulletin SMC-09-06) | 1   |      |
| 6     | 0032       | 8M2006305   | HOSE Actuator to Filter    | (Refer to Service Bulletin SMC-09-06) | 1   |      |
| 7     | 0032       | 8M2006307   | HOSE Filter to Cooler      |                                       | 1   |      |
| 8     | 0032       | 8M2006303   | HOSE Pump to Cooler        |                                       | 1   |      |
| -     | 0000       | 879172A19   | DUST CAP KIT               | (Refer to Service Bulletin SMC-09-06) | 1   |      |

## AXIUS Steering Hoses (HP Filter) SN 1A349743 and Up, Gen I

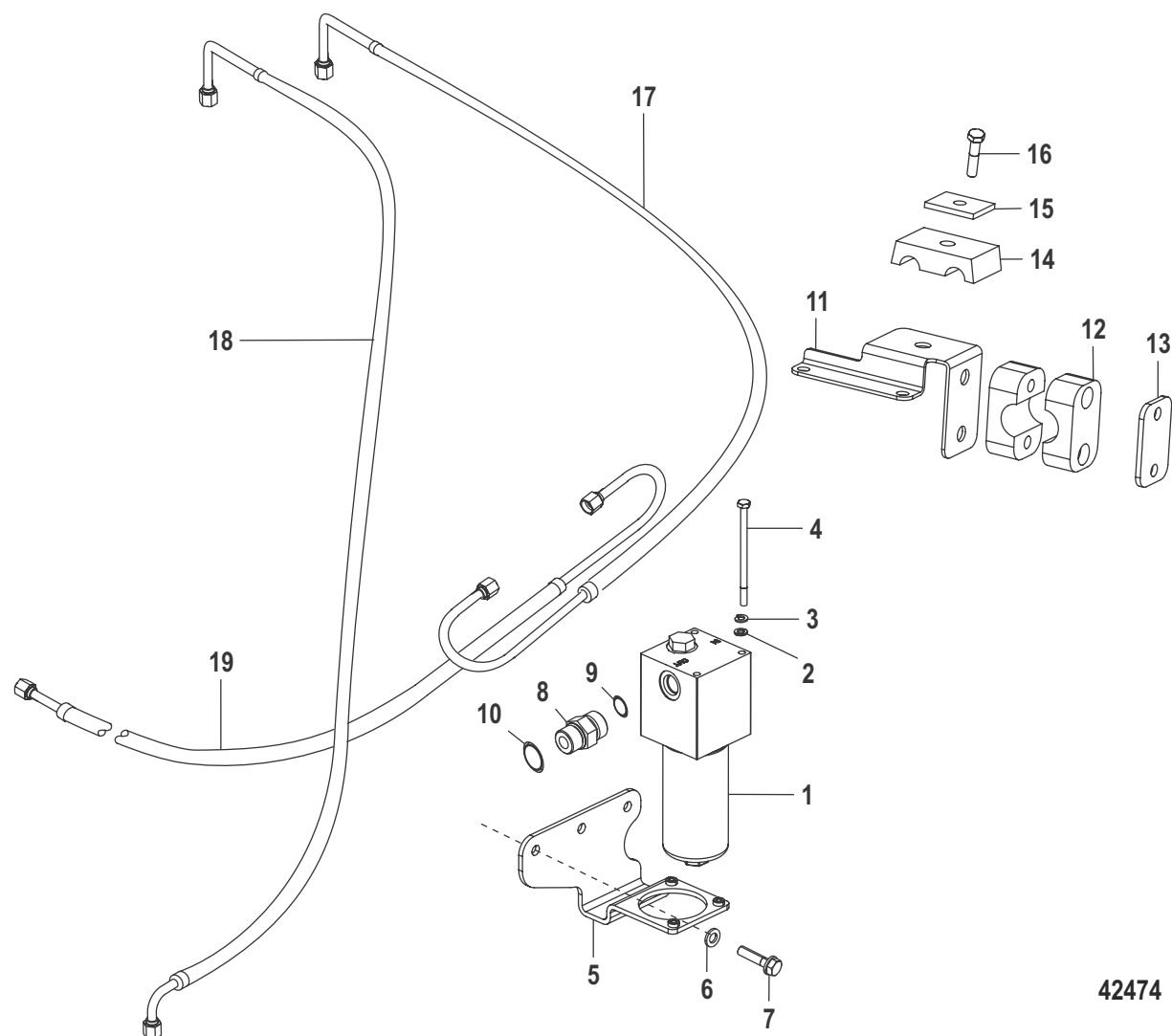


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**AXIUS Steering Hoses (HP Filter) SN 1A349743 and Up, Gen I**

| Ref # | Part Class | Part Number | Description                | Comments                              | Qty | Note |
|-------|------------|-------------|----------------------------|---------------------------------------|-----|------|
| 1     | 0032       | 8M2006304   | HOSE Reservoir to Cooler   |                                       | 1   |      |
| 2     | 0054       | 8M2001484   | CLAMP (8 - 16 mm)          |                                       | 1   |      |
| 3     | 0032       | 8M2012143   | HOSE Reservoir to Pump     |                                       | 1   |      |
| 4     | 0054       | 8M2001486   | CLAMP Worm Gear (16-27 mm) |                                       | 1   |      |
| 5     | 0032       | 8M2016700   | HOSE Cylinder to Cooler    | (Refer to Service Bulletin SMC-09-06) | 1   |      |
| 6     | 0032       | 8M2016704   | HOSE Cylinder to Filter    | (Refer to Service Bulletin SMC-09-06) | 1   |      |
| 7     | 0032       | 8M2016702   | HOSE Pump to Filter        |                                       | 1   |      |
| 8     | 0032       | 8M2006303   | HOSE Pump to Cooler        |                                       | 1   |      |
| -     | 0000       | 879172A19   | DUST CAP KIT               | (Refer to Service Bulletin SMC-09-06) | 1   |      |

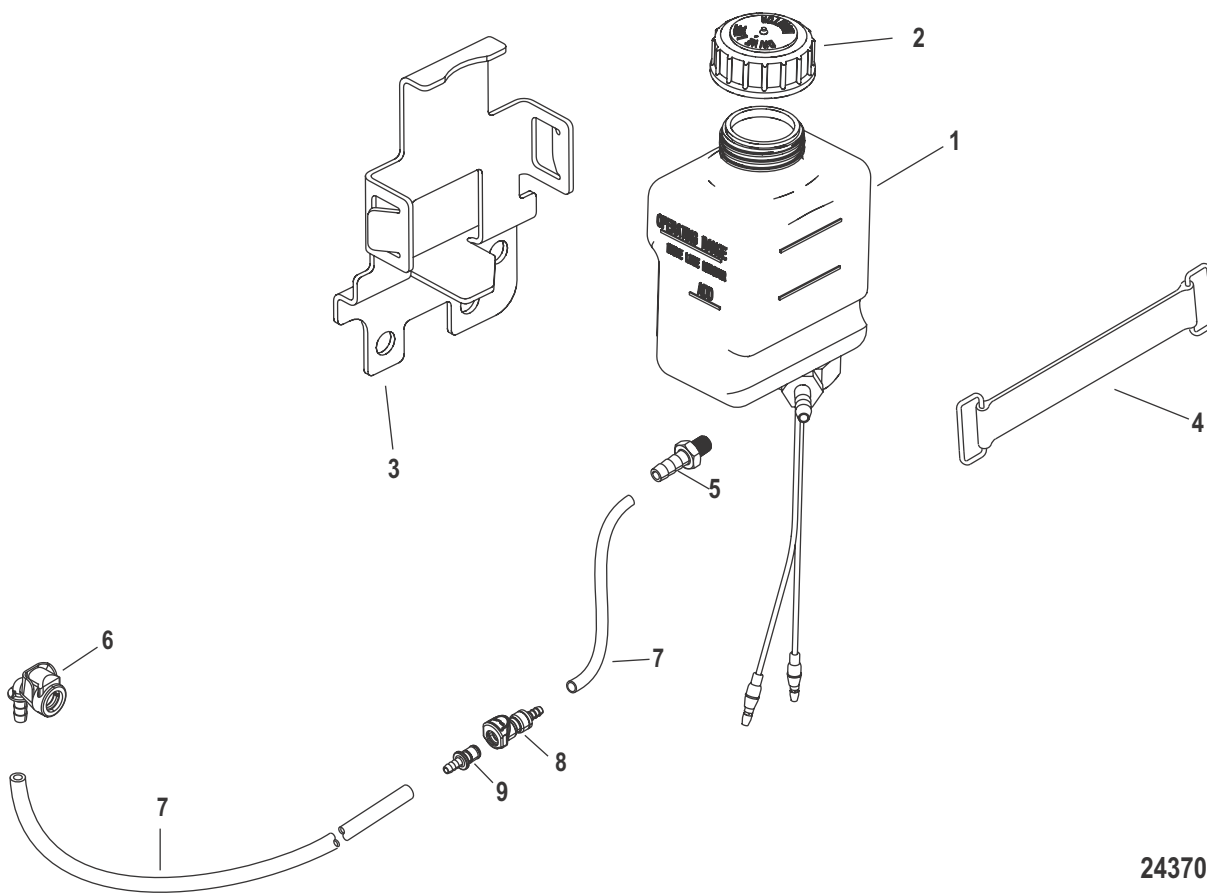
## AXIUS Steering High Pressure Filter Conversion Kit, Gen I



## AXIUS Steering High Pressure Filter Conversion Kit, Gen I

| Ref # | Part Class | Part Number | Description                                 | Comments                              | Qty | Note |
|-------|------------|-------------|---------------------------------------------|---------------------------------------|-----|------|
| -     | 0000       | 8M8024873   | FILTER KIT High Pressure Conversion         |                                       | 1   |      |
| 1     | 0035       | 879288T     | FILTER High Pressure                        |                                       | 1   |      |
| 2     | 0012       | 29245       | WASHER (.281 x .500 x .060) Stainless Steel |                                       | 3   |      |
| 3     | 0013       | 26992       | LOCKWASHER (.250) Stainless Steel           |                                       | 3   |      |
| 4     | 0010       | 844886      | SCREW (.250-20 x 4.250)                     |                                       | 3   |      |
| 5     | 0000       | 879172T     | BRACKET                                     |                                       | 1   |      |
| 6     | 0013       | 72521       | LOCKWASHER Internal Tooth                   |                                       | 3   |      |
| 7     | 0010       | 816585      | SCREW (.312-18 x .875)                      |                                       | 3   |      |
| 8     | 0022       | 8M2015982   | FITTING Adapter (-6ORF TO -8ORB)            |                                       | 2   |      |
| 9     |            | NSS         | NOT SOLD SEPARATE O-RING                    |                                       | 1   |      |
| 10    |            | NSS         | NOT SOLD SEPARATE O-RING                    |                                       | 1   |      |
| 11    | 0000       | 879194T     | BRACKET                                     |                                       | 1   |      |
| 12    | 0000       | 8M2017128   | PLATE                                       |                                       | 1   |      |
| 13    | 0054       | 8M2017127   | CLAMP                                       |                                       | 2   |      |
| 14    | 0054       | 8M2017031   | CLAMP                                       |                                       | 2   |      |
| 15    | 0000       | 8M2017033   | PLATE                                       |                                       | 1   |      |
| 16    | 0010       | 4000332     | SCREW (M6 x 35)                             |                                       | 1   |      |
| 17    | 0032       | 8M2016704   | HOSE Cylinder to Filter                     | (Refer to Service Bulletin SMC-09-06) | 1   |      |
| 18    | 0032       | 8M2016700   | HOSE Cylinder to Cooler                     | (Refer to Service Bulletin SMC-09-06) | 1   |      |
| 19    | 0032       | 8M2016702   | HOSE Pump to Filter                         |                                       | 1   |      |
| -     | 0000       | 879172A19   | DUST CAP KIT                                | (Refer to Service Bulletin SMC-09-06) | 1   |      |

## Drive Lube Reservoir Assembly

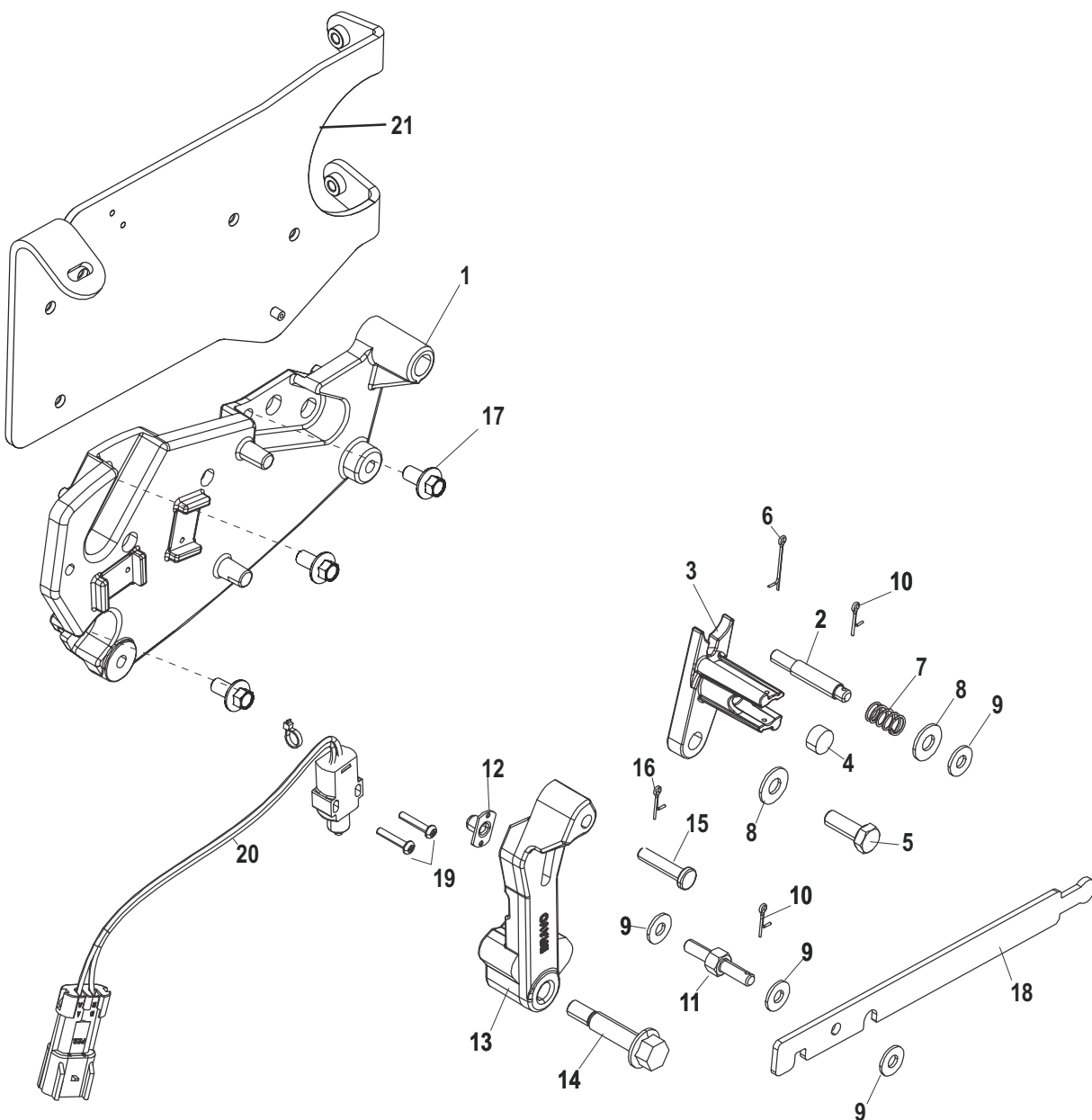


24370

## Drive Lube Reservoir Assembly

| Ref # | Part Class | Part Number | Description                                  | Comments | Qty | Note |
|-------|------------|-------------|----------------------------------------------|----------|-----|------|
| 1     | 0000       | 806193A46   | LUBE BOTTLE Drive Lube                       |          | 1   |      |
| 2     | 0036       | 8067271     | CAP Drive Lube Monitor Drive Lube Reservoir  |          | 1   |      |
| 3     | 0000       | 860065A1    | BRACKET KIT Oil Bottle, Drive Lube Reservoir |          | 1   |      |
| 4     | 0000       | 808023T     | STRAP Bracket                                |          | 1   |      |
| 5     | 0022       | 808624      | CONNECTOR Lube Reservoir                     |          | 1   |      |
| 6     | 0022       | 861163      | QUICK CONNECTOR (90 Degree) To Transom       |          | 1   |      |
| 7     | 0032       | 1940971     | HOSE (54.00 Inches Bulk)                     |          | 1   |      |
| 8     | 0022       | 865379      | FITTING Female Quick Connect                 |          | 1   |      |
| 9     | 0022       | 865191      | FITTING Male Quick Connect                   |          | 1   |      |

## Shift Bracket Mechanical Shift

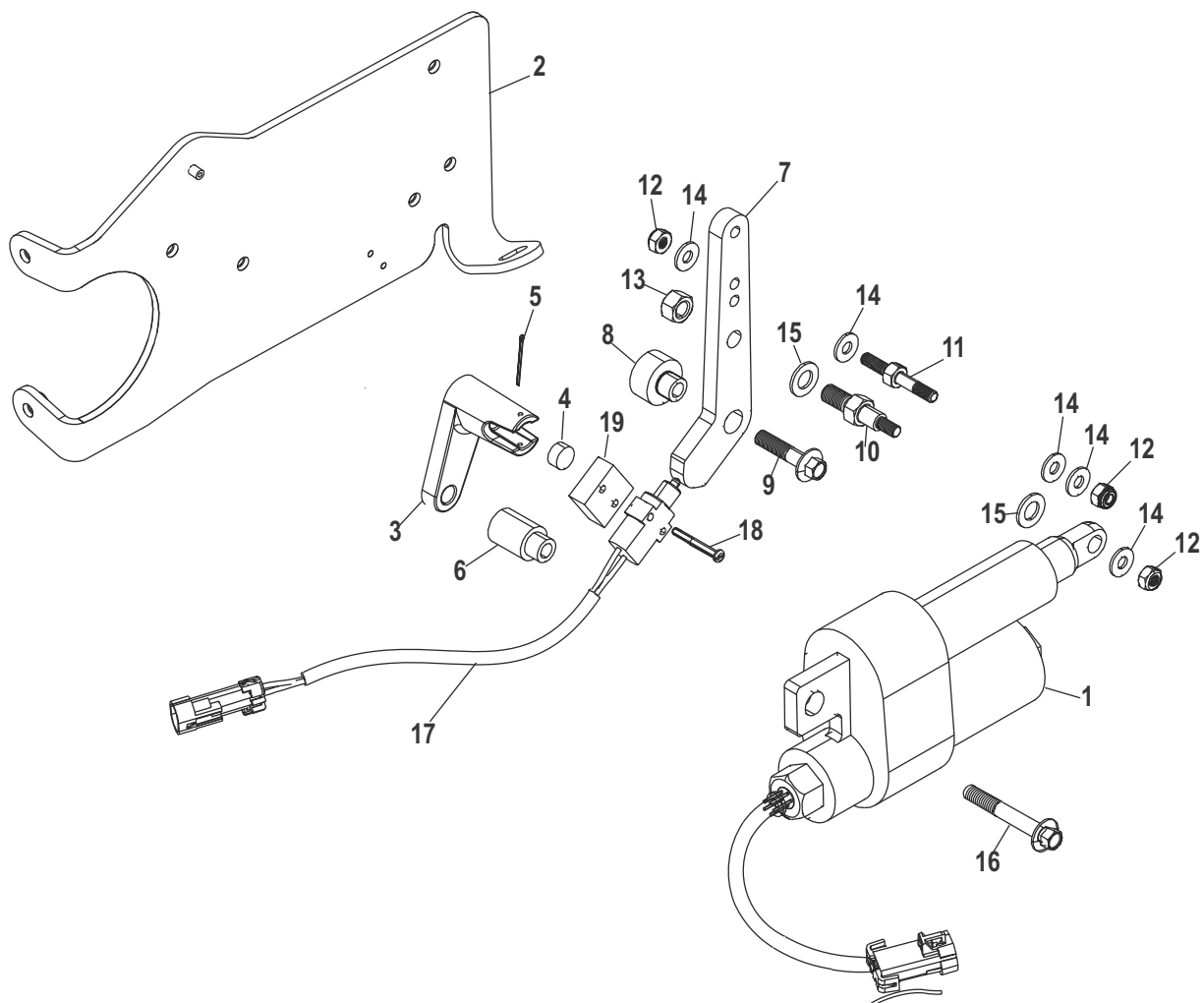


32238

## Shift Bracket Mechanical Shift

| Ref # | Part Class | Part Number | Description                                               | Comments | Qty | Note |
|-------|------------|-------------|-----------------------------------------------------------|----------|-----|------|
| 1     | 0000       | 807962A15   | BRACKET ASSEMBLY                                          |          | 1   |      |
| 2     | 0016       | 865154A02   | STUD KIT (.250-20/.250-28 x 2.120) With Cotter Pin        |          | 1   |      |
| 3     | 0000       | 865434A02   | RETAINER KIT Shift Cable, With Cotter Pin                 |          | 1   |      |
| 4     | 0023       | 98828       | SPACER                                                    |          | 1   |      |
| 5     | 0010       | 53167       | SCREW (.312-18 x .880)                                    |          | 1   |      |
| 6     | 0018       | 328571      | COTTER PIN                                                |          | 1   |      |
| 7     | 0024       | 98880       | SPRING                                                    |          | 1   |      |
| 8     | 0012       | 56720       | WASHER (.330 x .750 x .060) Stainless Steel               |          | 2   |      |
| 9     | 0012       | 35462       | WASHER (.2656 x .625 x .0625) Stainless Steel             |          | 4   |      |
| 10    | 0018       | 210711      | COTTER PIN                                                |          | 2   |      |
| 11    | 0016       | 865393A02   | STUD KIT (.250-28 x 1.90) With Cotter Pin                 |          | 1   |      |
| 12    | 0011       | 63341       | TEE NUT                                                   |          | 1   |      |
| 13    | 0000       | 863911A12   | LEVER ASSEMBLY                                            |          | 1   |      |
| 14    | 0010       | 865148      | SHOULDER SCREW (.312-18 x 1.843) Stainless Steel Shoulder |          | 1   |      |
| 15    | 0017       | 68402       | PIN (.250 x 1.13) Clevis                                  |          | 1   |      |
| 16    | 0018       | 210711      | COTTER PIN Cotter                                         |          | 1   |      |
| 17    | 0010       | 4010716     | SCREW (M8 x 16)                                           |          | 3   |      |
| 18    | 0091       | 12427       | TOOL Shift Adjust                                         |          | 1   |      |
| 19    | 0010       | 865147      | SCREW (#6-32 x .750) Stainless Steel                      |          | 2   |      |
| 20    | 0087       | 808009T11   | SWITCH ASSEMBLY                                           |          | 1   |      |
| 21    | 0000       | 866407      | BRACKET                                                   |          | 1   |      |

## Shift Bracket Digital Throttle Shift / Axis



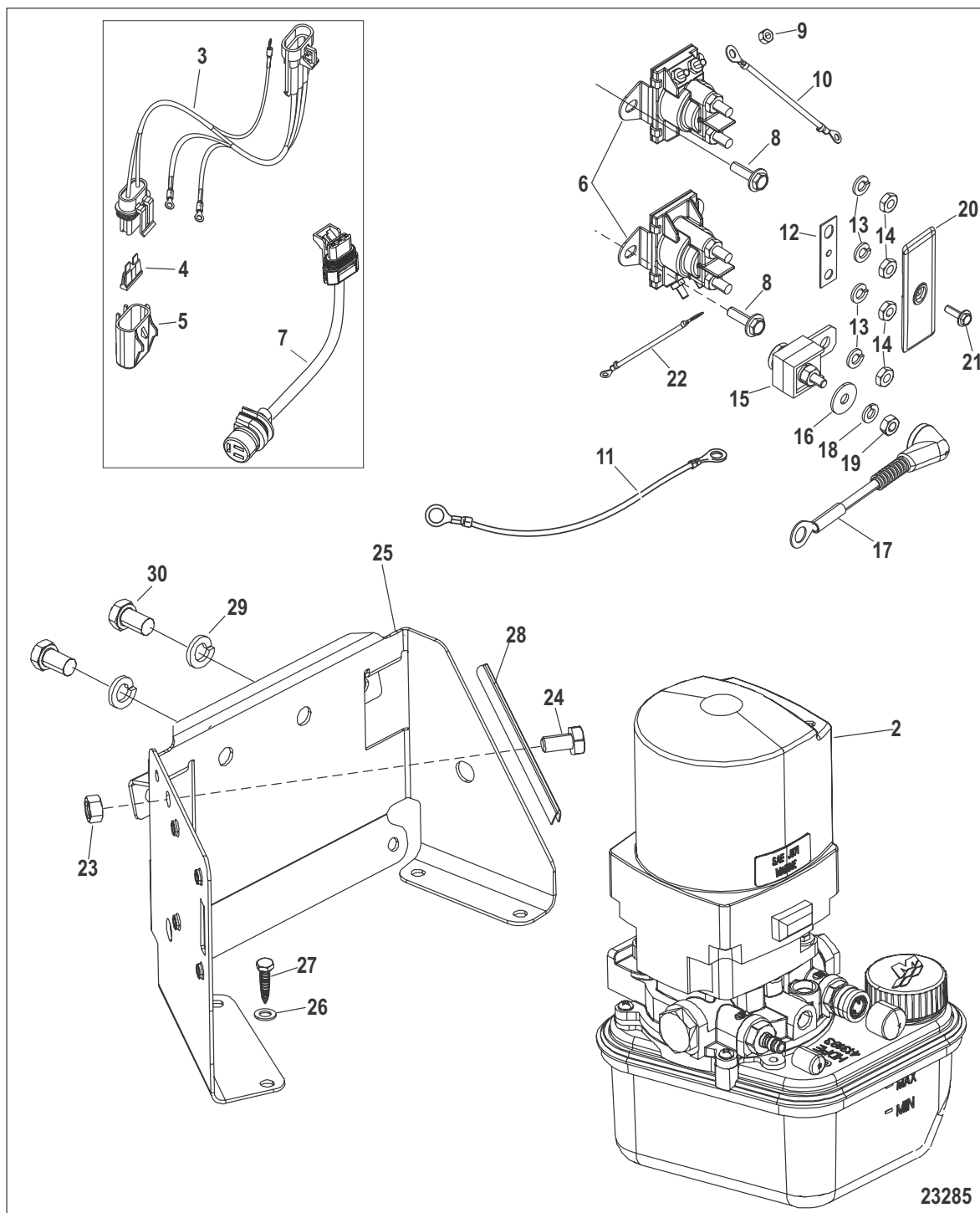
35902

## Shift Bracket Digital Throttle Shift / Axis

| Ref # | Part Class | Part Number | Description                                   | Comments | Qty | Note |
|-------|------------|-------------|-----------------------------------------------|----------|-----|------|
| -     | 0000       | 862909T02   | SHIFT ACTUATOR ASSEMBLY                       |          | 1   |      |
| 1     | 0000       | 879194T46   | SHIFT ACTUATOR                                |          | 1   |      |
| 2     | 0000       | 866407      | BRACKET Shift Plate                           |          | 1   |      |
| 3     | 0000       | 864616      | RETAINER Shift Cable                          |          | 1   |      |
| 4     | 0023       | 98828       | SPACER                                        |          | 1   |      |
| 5     | 0018       | 36002       | COTTER PIN                                    |          | 1   |      |
| 6     | 0023       | 863133      | SPACER Actuator                               |          | 1   |      |
| 7     | 0000       | 8631341     | LEVER Shift Arm                               |          | 1   |      |
| 8     | 0023       | 863132      | SPACER Shift Arm                              |          | 1   |      |
| 9     | 0010       | 4010735     | SCREW (M8 x 35)                               |          | 1   |      |
| 10    | 0016       | 864361      | STUD                                          |          | 1   |      |
| 11    | 0016       | 96112       | STUD (.250-28 x 2.00) Throttle Cable Anchor   |          | 1   |      |
| 12    | 0011       | 826709109   | NUT (.250-28) Stainless Steel                 |          | 3   |      |
| 13    | 0011       | 46335       | NUT (.375-24)                                 |          | 1   |      |
| 14    | 0012       | 35462       | WASHER (.2656 x .625 x .0625) Stainless Steel |          | 5   |      |
| 15    | 0012       | 34931       | WASHER (.406 x .734 x .063) Stainless Steel   |          | 2   |      |
| 16    | 0010       | 40011155    | SCREW (M8 x 55) Stainless Steel               |          | 1   |      |
| 17    | 0087       | 889514A01   | SWITCH                                        |          | 1   |      |
| 18    | 0010       | 865076      | SCREW (6-32 x 1.25)                           |          | 2   |      |
| 19    | 0023       | 864386      | SPACER Switch                                 |          | 1   |      |

## Trim Pump Assembly Complete

1

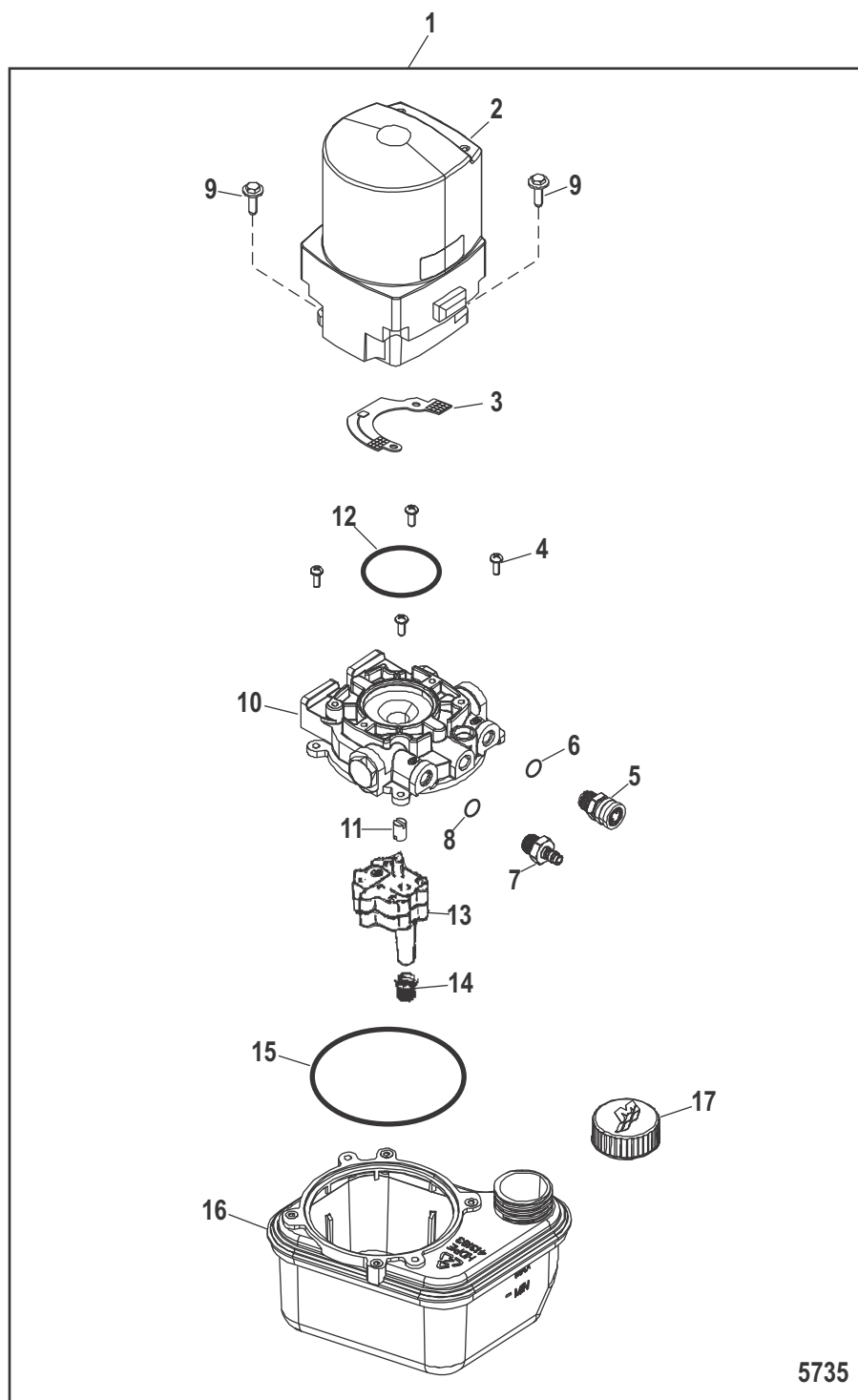


## Trim Pump Assembly Complete

| Ref # | Part Class | Part Number | Description                                                        | Comments                                 | Qty | Note |
|-------|------------|-------------|--------------------------------------------------------------------|------------------------------------------|-----|------|
| 1     | 0000       | 865380A25   | PUMP ASSEMBLY Trim - Complete                                      |                                          | 1   |      |
| 1     | 0000       | 807378A2    | PUMP ASSEMBLY Trim - 24 Volt - Complete                            | Used In Special Diesel Applications Only | 1   |      |
| 2     | 0000       | 865380A13   | PUMP/MOTOR ASSEMBLY Trim - 12 Volt                                 |                                          | 1   |      |
| 2     | 0000       | 807378T     | PUMP/MOTOR ASSEMBLY 24 Volt                                        | Used In Special Diesel Applications Only | 1   |      |
| 3     | 0084       | 79147A09    | HARNESS ASSEMBLY With Packard Connector                            |                                          | 1   |      |
| 4     | 0088       | 812619      | FUSE Yellow - 20 Ampere                                            |                                          | 1   |      |
| 5     | 0000       | 828054      | COVER Fuse                                                         |                                          | 1   |      |
| 6     | 0089       | 96158T      | SOLENOID 12 Volt                                                   |                                          | 2   |      |
| 6     | 0089       | 807377T     | SOLENOID 24 Volt                                                   | Used In Special Diesel Applications Only | 2   |      |
| 7     | 0084       | 865771A02   | HARNESS ASSEMBLY Adapter - Molded 3 Pin Male To Packard 3 Pin Male |                                          | 1   |      |
| 8     | 0010       | 41508       | SCREW (.250-20 x .500) Stainless Steel                             |                                          | 4   |      |
| 9     | 0011       | 26419       | NUT (#8-32) Brass                                                  |                                          | 4   |      |
| 10    | 0084       | 86322A24    | CABLE ASSEMBLY (4.00 Inches)                                       |                                          | 1   |      |
| 11    | 0084       | 79138A9     | CABLE ASSEMBLY (6.00 Feet) Black-Negative Negative                 |                                          | 1   |      |
| 12    | 0000       | 94275       | LINK Connector                                                     |                                          | 1   |      |
| 13    | 0013       | 26992       | LOCKWASHER (.250) Stainless Steel                                  |                                          | 4   |      |
| 14    | 0011       | 94330       | NUT (.250-20) Brass                                                |                                          | 4   |      |
| 15    | 0088       | 79023A10    | FUSE ASSEMBLY 110 Ampere                                           |                                          | 1   |      |
| 16    | 0012       | 25908       | WASHER (.265 x .812 x .0625)                                       |                                          | 1   |      |
| 17    | 0084       | 79139A12    | CABLE ASSEMBLY Red-Positive Battery - Positive                     |                                          | 1   |      |
| 18    | 0013       | 26992       | LOCKWASHER (.250) Stainless Steel                                  |                                          | 1   |      |
| 19    | 0011       | 21825       | NUT (.250-28)                                                      |                                          | 1   |      |
| 20    | 0085       | 861680      | INSULATOR                                                          |                                          | 1   |      |
| 21    | 0010       | 48409       | SCREW (#10-16 x .625) Stainless Steel                              |                                          | 1   |      |
| 22    | 0084       | 86322A15    | CABLE ASSEMBLY (5.50 Inches) Black                                 |                                          | 1   |      |
| 23    | 0011       | 68292       | NUT (.312-18)                                                      |                                          | 1   |      |
| 24    | 0010       | 90285       | SCREW (.312-18 x .625)                                             |                                          | 1   |      |
| 25    | 0000       | 862548A1    | BRACKET KIT Floor or Transom Mounted                               |                                          | 1   |      |
| 26    | 0012       | 29245       | WASHER (.281 x .500 x .060) Stainless Steel                        |                                          | 4   |      |
| 27    | 0010       | 59784       | SCREW (.250-10 x 1.00)                                             |                                          | 4   |      |
| 28    | 0000       | 58491       | CHANNEL Rubber (4.00 Inches)                                       |                                          | 2   |      |
| 29    | 0013       | 35048       | LOCKWASHER (.375)                                                  |                                          | 2   |      |
| 30    | 0010       | 98260       | SCREW (.375-16 x .620)                                             |                                          | 2   |      |

Trim Pump Assembly Complete

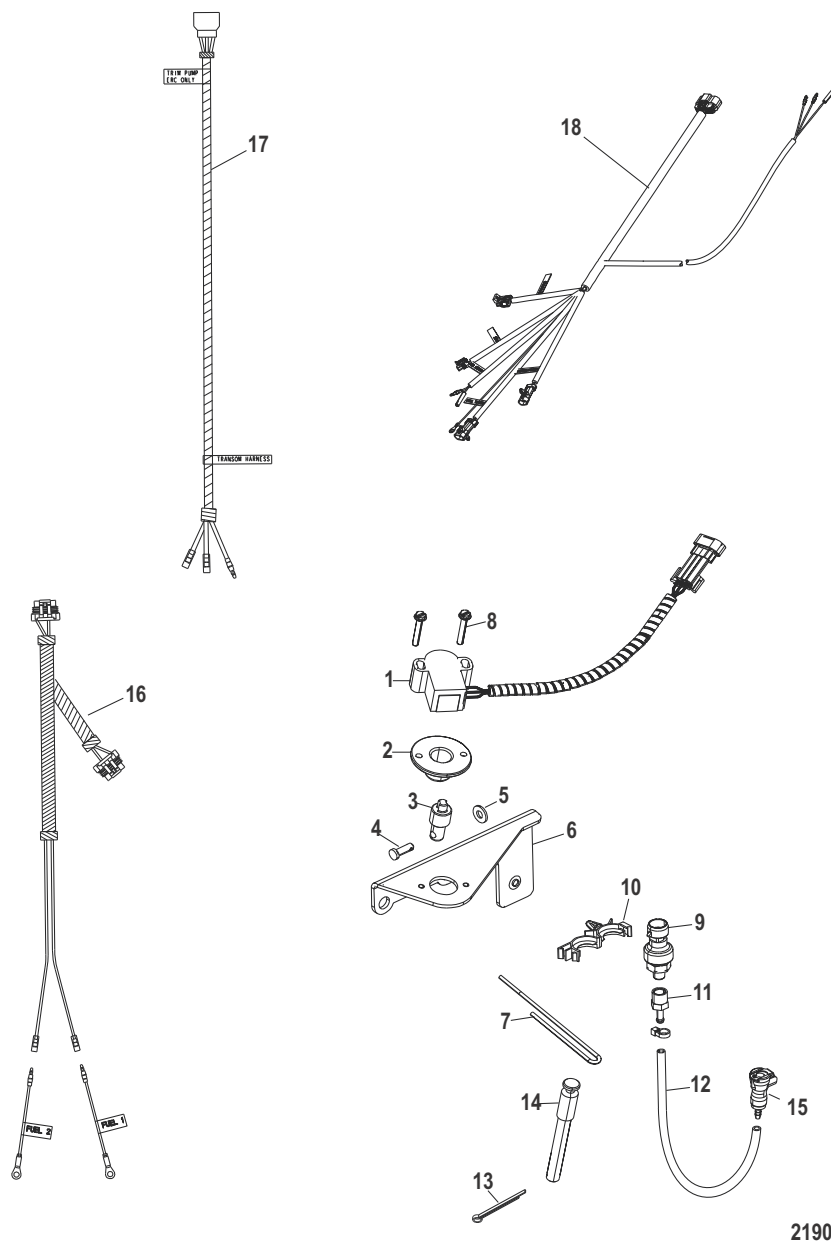
## Trim Pump and Motor Components



## Trim Pump and Motor Components

| Ref # | Part Class | Part Number | Description                                                  | Comments                                          | Qty | Note |
|-------|------------|-------------|--------------------------------------------------------------|---------------------------------------------------|-----|------|
| 1     | 0000       | 865380A13   | PUMP/MOTOR ASSEMBLY Trim - 12 Volt                           |                                                   | 1   |      |
| 2     | 0000       | 891736T     | MOTOR ASSEMBLY Complete                                      |                                                   | 1   |      |
| 3     | 0000       | 892608      | BOARD ASSEMBLY Circuit - Radio Frequency Interference Filter |                                                   | 1   |      |
| 4     | 0010       | 883167      | SCREW (#8-32)                                                |                                                   | 4   |      |
| 5     | 0022       | 865413002   | FITTING Stainless Steel Female Quick Connect                 |                                                   | 1   |      |
| 6     | 0025       | 891868      | O-RING                                                       |                                                   | 1   |      |
| 7     | 0022       | 865412001   | FITTING Stainless Steel Male Quick Connect                   |                                                   | 1   |      |
| 8     | 0025       | 891868      | O-RING                                                       |                                                   | 1   |      |
| 9     | 0010       | 823444      | SCREW                                                        |                                                   | 2   |      |
| 10    | 0000       | 808728T     | ADAPTER ASSEMBLY                                             |                                                   | 1   |      |
| 11    | 0000       | 803852      | COUPLING                                                     |                                                   | 1   |      |
| 12    | 0025       | 89498       | O-RING Motor End                                             |                                                   | 1   |      |
| 13    | 0000       | 18529       | PUMP ASSEMBLY With Screws                                    |                                                   | 1   |      |
| 14    | 0035       | 89496       | FILTER                                                       |                                                   | 2   |      |
| 15    | 0025       | 17645       | O-RING Reservoir End                                         |                                                   | 1   |      |
| 16    | 0000       | 883166A2    | RESERVOIR KIT                                                | With Filters-Reference 14 And O Ring-Reference 15 | 1   |      |
| 17    | 0036       | 865448A01   | CAP Oil Reservoir                                            |                                                   | OPT |      |
| NS    | 0000       | 812498A1    | VALVE KIT Relief                                             | Up Pressure                                       | 1   |      |
| NS    | 0000       | 812499A1    | VALVE KIT Relief                                             | Down Pressure                                     | 1   |      |
| NS    | 0000       | 95353A1     | VALVE KIT Thermal Relief                                     | Thermal                                           | 1   |      |
| NS    | 0000       | 18545A1     | REPAIR KIT                                                   |                                                   | 1   |      |
| NS    | 0000       | 891737      | BRUSH KIT                                                    |                                                   | 1   |      |

## SmartCraft Sensor and Harnesses

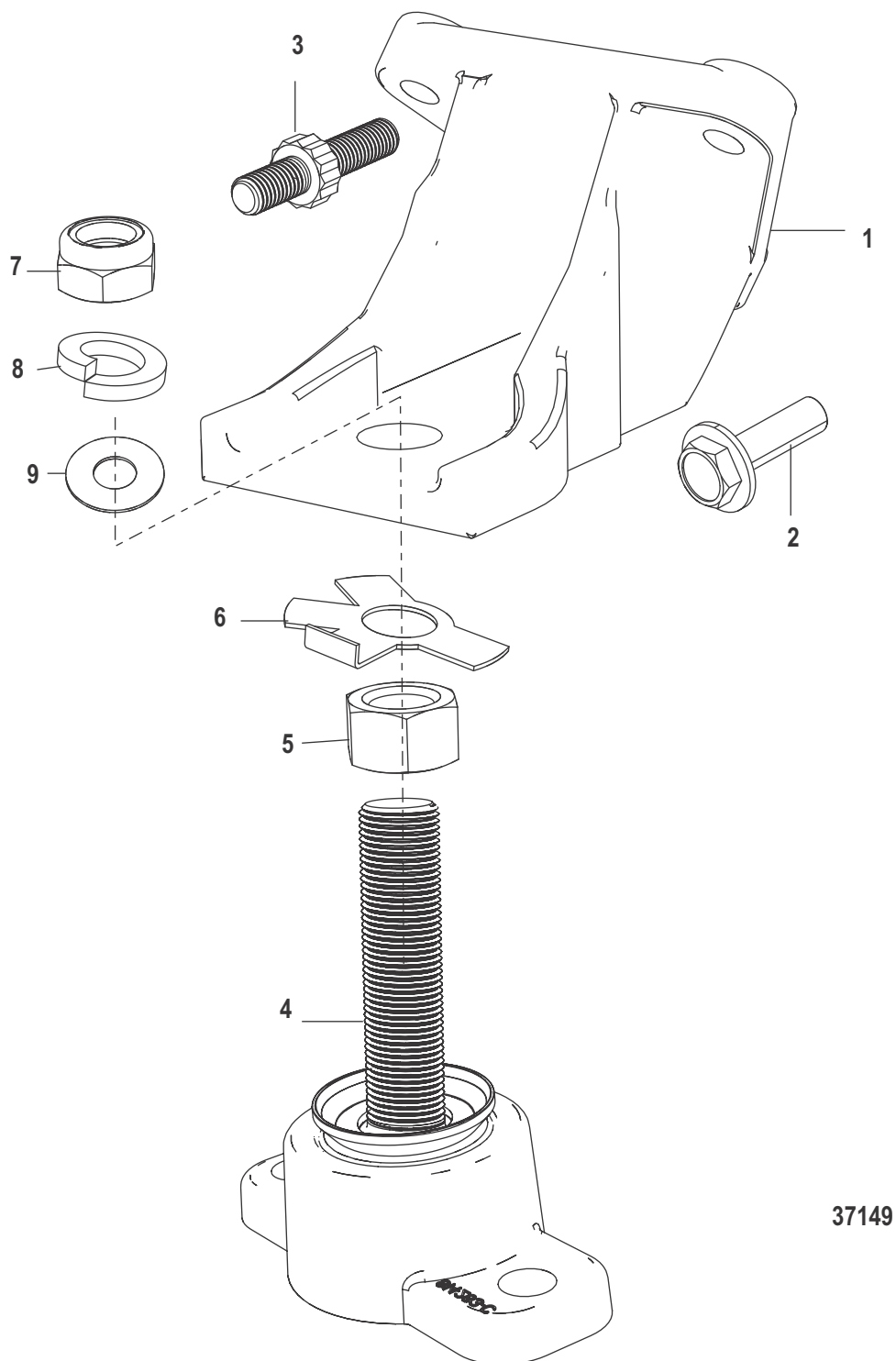


21905

## SmartCraft Sensor and Harnesses

| Ref # | Part Class | Part Number | Description                                     | Comments               | Qty | Note |
|-------|------------|-------------|-------------------------------------------------|------------------------|-----|------|
| -     | 0000       | 863188A3    | SENSOR KIT Steering Pitot                       | Digital Throttle Shift | 1   |      |
| 1     | 0000       | 863188T     | SENSOR Steering                                 |                        | 1   |      |
| 2     | 0000       | 863175      | ADAPTER Sensor                                  |                        | 1   |      |
| 3     | 0000       | 863174      | DRIVER                                          |                        | 1   |      |
| 4     | 0017       | 863176      | PIN                                             |                        | 1   |      |
| 5     | 0012       | 35044       | WASHER (.281 x .625 x .065)<br>Stainless Steel  |                        | 1   |      |
| 6     | 0000       | 863178      | BRACKET Steering Sensor                         |                        | 1   |      |
| 7     | 0000       | 863177      | GUIDE                                           |                        | 1   |      |
| 8     | 0010       | 812987      | SCREW (#10-24 x 1.250)                          |                        | 2   |      |
| 9     | 0000       | 881879011   | SENSOR Pressure (0 - 100 PSI)<br>Pitot Pressure |                        | 1   |      |
| 10    | 0054       | 883066      | CLIP (.865)                                     |                        | 1   |      |
| 11    | 0022       | 856594      | FITTING Barbed                                  |                        | 1   |      |
| 12    | 0032       | 5495025     | TUBING (25.00 Feet Bulk) Cut to<br>Length       |                        | 1   |      |
| 13    | 0018       | 46950       | COTTER PIN                                      |                        | 1   |      |
| 14    | 0017       | 863179      | PIN Clevis                                      |                        | 1   |      |
| 15    | 0022       | 865417      | FITTING Female Quick Connect                    |                        | 1   |      |
| 16    | 0084       | 865891T01   | HARNESS ASSEMBLY Fuel/Paddle                    |                        | 1   |      |
| 17    | 0084       | 865774T01   | HARNESS ASSEMBLY Trim Pump                      |                        | 1   |      |
| 18    | 0084       | 865677T01   | HARNESS ASSEMBLY Transom<br>Harness             |                        | 1   |      |

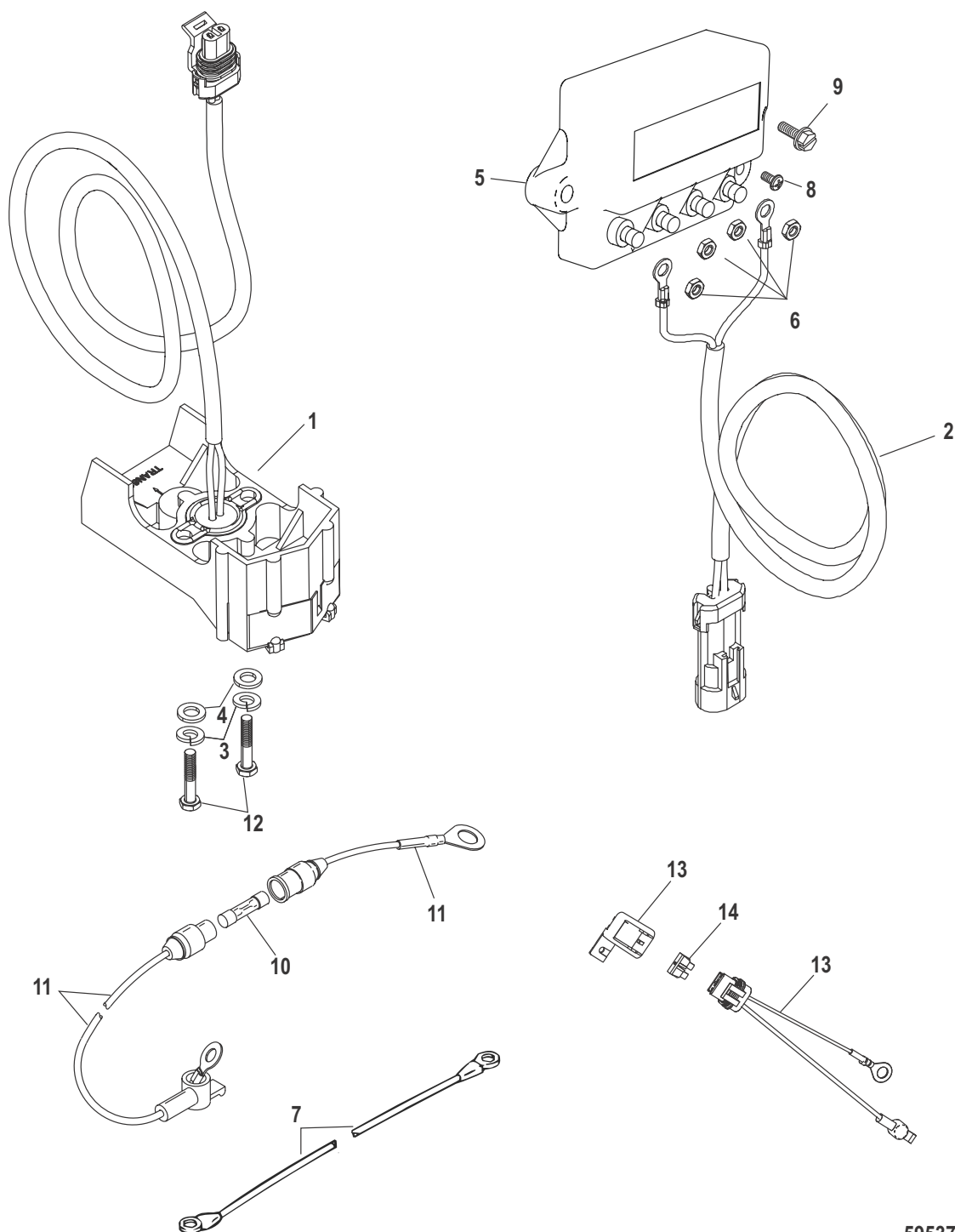
# Engine Mounts



## Engine Mounts

| Ref # | Part Class | Part Number | Description                   | Comments  | Qty | Note |
|-------|------------|-------------|-------------------------------|-----------|-----|------|
| 1     | 0000       | 79550A1     | BRACKET Engine Mounting       |           | 2   |      |
| 2     | 0010       | 40001197    | SCREW (M10 x 35)              |           | 2   |      |
| 3     | 0016       | 861580      | STUD Double Ended Metric      | Port      | 2   |      |
| 3     | 0010       | 40001195    | SCREW (M10 x 30)              | Starboard | 2   |      |
| 4     | 0000       | 814263A1    | BASE ASSEMBLY                 |           | 2   |      |
| 4     | 0000       | 866708T01   | BASE ASSEMBLY                 | (SEACORE) | 2   |      |
| 5     | 0011       | 816331      | NUT (.750-16) Jam             |           | 2   |      |
| 5     | 0011       | 866710      | NUT (.750-16) Stainless Steel | (SEACORE) | 2   |      |
| 6     | 0014       | 12657       | TAB WASHER                    |           | 2   |      |
| 7     | 0011       | 859126      | NUT (.750-16) Jam             |           | 2   |      |
| 7     | 0011       | 18304       | NUT Jam                       | (SEACORE) | 2   |      |
| 8     | 0013       | 68102       | LOCKWASHER (.750)             |           | 2   |      |
| 8     | 0013       | 33164       | LOCKWASHER Stainless (.750)   | (SEACORE) | 2   |      |
| 9     | 0012       | 44164       | WASHER                        | (SEACORE) | 2   |      |

# Mercathode Kit

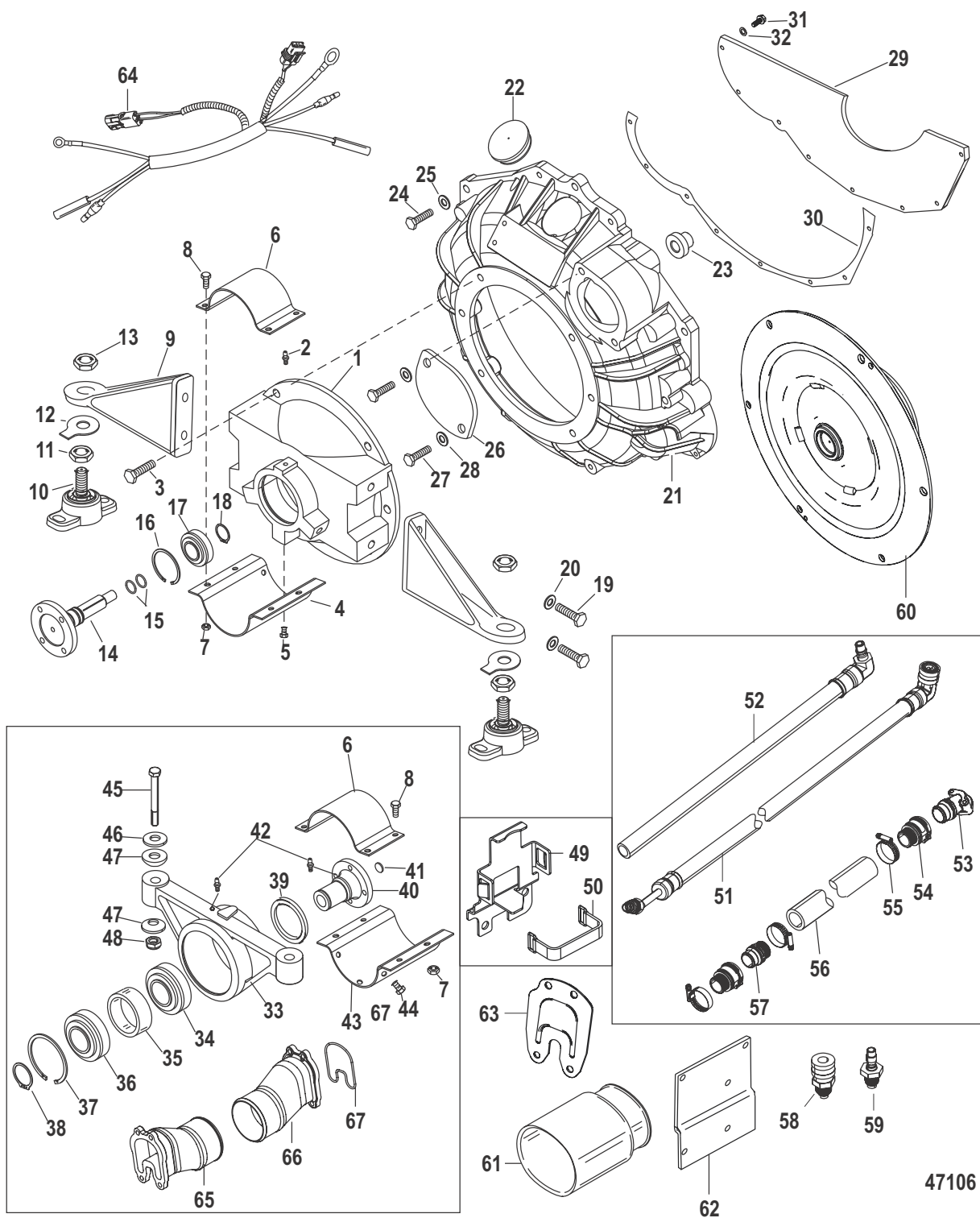


59537

## Mercathode Kit

| Ref # | Part Class | Part Number | Description                                    | Comments | Qty | Note |
|-------|------------|-------------|------------------------------------------------|----------|-----|------|
| 1     | 0000       | 98869A17    | ELECTRODE ASSEMBLY With Quick Connectors       |          | 1   |      |
| 2     | 0084       | 865181T01   | HARNESS ASSEMBLY Mercathode                    |          | 1   |      |
| 3     | 0013       | 26992       | LOCKWASHER (.250) Stainless Steel              |          | 2   |      |
| 4     | 0012       | 29245       | WASHER (.281 x .500 x .060) Stainless Steel    |          | 2   |      |
| 5     | 0000       | 42600A09    | MERCATHODE ASSEMBLY                            |          | 1   |      |
| 6     | 0011       | 68219       | NUT (#10-32) Stainless Steel                   |          | 4   |      |
| 7     | 0084       | 88543A3     | CABLE ASSEMBLY                                 |          | 1   |      |
| 8     | 0010       | 62568       | SCREW (#10-16 x .375)                          |          | 1   |      |
| 9     | 0010       | 4010516     | SCREW (M5 x 16) Stainless Steel                |          | 2   |      |
| 10    | 0088       | 79091       | FUSE 20 Ampere                                 |          | 1   |      |
| 11    | 0084       | 95084A9     | CABLE ASSEMBLY (91.00 Inches) Red/Purple Strip |          | 1   |      |
| 11    | 0084       | 95084A10    | CABLE ASSEMBLY (5.00 Inches) Red               |          | 1   |      |
| 12    | 0010       | 45862       | SCREW (#10-32 x .875)                          |          | 1   |      |
| 13    | 0084       | 8M0060271   | CABLE ASSEMBLY                                 |          | 1   |      |
| 14    | 0000       | 862646      | FUSE Tan - 5 Ampere                            |          | 1   |      |

## Jackshaft Main Kit (98634A20)



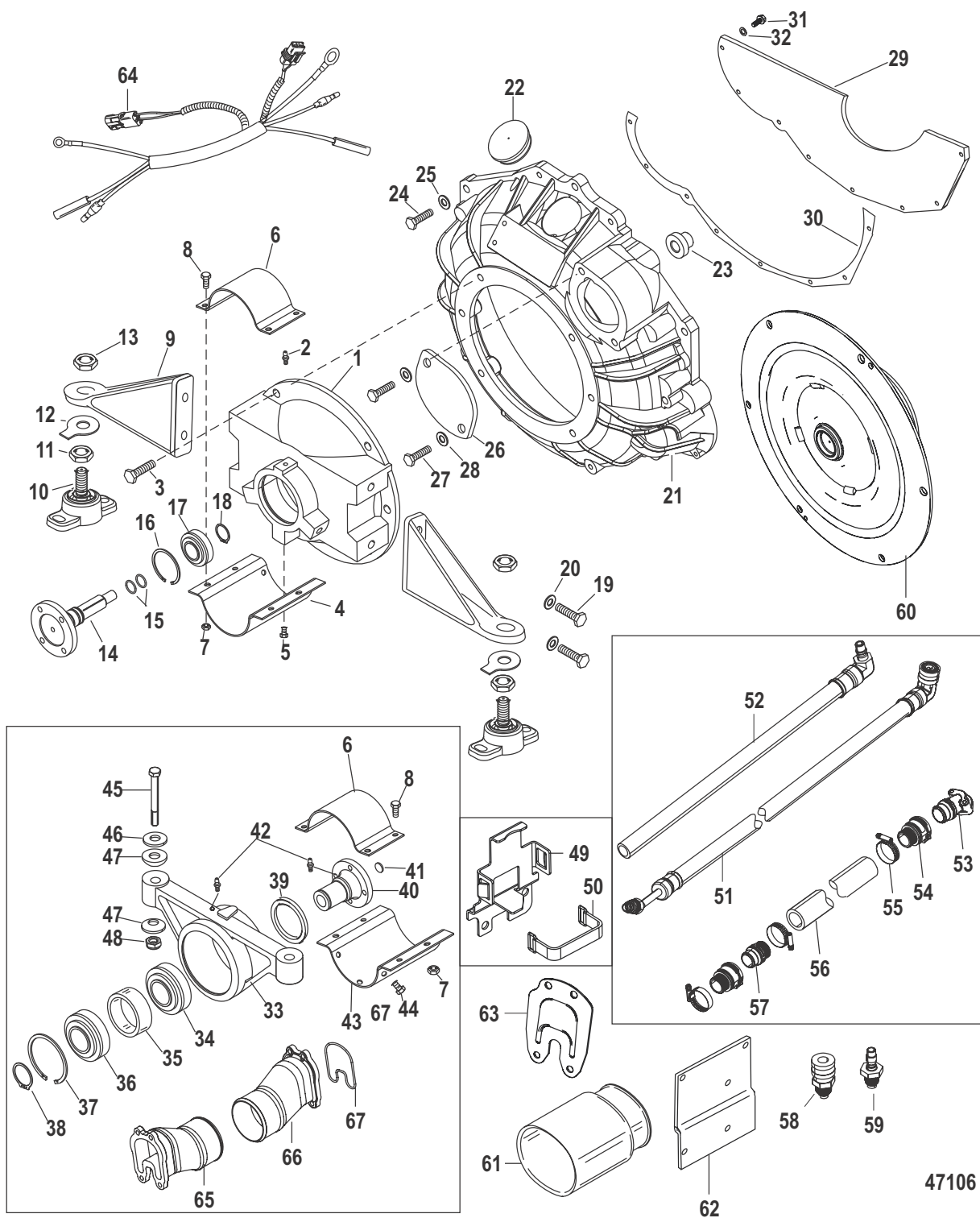
47106

## Jackshaft Main Kit (98634A20)

| Ref # | Part Class | Part Number | Description                              | Comments                       | Qty | Note |
|-------|------------|-------------|------------------------------------------|--------------------------------|-----|------|
| -     | 0000       | 98634A20    | EXTENSION KIT Jackshaft Kit              |                                | 1   |      |
| 1     | 0000       | 93911A4     | HOUSING ASSEMBLY Shaft Extension Support |                                | 1   |      |
| 2     | 0022       | 74036       | FITTING Grease                           | (Use with greased bearing)     | 1   |      |
| 2     | 0010       | 8M2015913   | PLUG (.250-28 x .320)                    | (Use with non-greased bearing) | 1   |      |
| 3     | 0010       | 47651       | SCREW (.437-14 x 1.50)                   |                                | 6   |      |
| 4     | 0000       | 93918A1     | SHIELD Lower                             |                                | 1   |      |
| 5     | 0010       | 96995       | SCREW (.375-16 x .880)                   |                                | 3   |      |
| 6     | 0000       | 93919A1     | SHIELD Upper                             |                                | 2   |      |
| 7     | 0011       | 82670912    | NUT (.375-16) Stainless Steel            |                                | 8   |      |
| 8     | 0010       | 96995       | SCREW (.375-16 x .880)                   |                                | 8   |      |
| 9     | 0000       | 93923A1     | MOUNT ASSEMBLY Flywheel Housing          |                                | 2   |      |
| 10    | 0000       | 814263A1    | BASE ASSEMBLY Mount Assembly             |                                | 2   |      |
| 11    | 0011       | 816331      | NUT (.750-16) Jam                        |                                | 2   |      |
| 12    | 0014       | 12657       | TAB WASHER                               |                                | 2   |      |
| 13    | 0011       | 859126      | NUT (.750-16)                            |                                | 2   |      |
| 14    | 0000       | 93906A2     | SHAFT Output                             |                                | 1   |      |
| 15    | 0025       | 29845       | O-RING (.924 x .103)                     |                                | 2   |      |
| 16    | 0053       | 94104       | RING Retaining                           |                                | 1   |      |
| 17    | 0030       | 879194A03   | GIMBAL BEARING KIT                       |                                | 1   |      |
| 18    | 0053       | 841897T     | RING Retaining                           |                                | 1   |      |
| 19    | 0010       | 47651       | SCREW (.437-14 x 1.50)                   |                                | 4   |      |
| 20    | 0013       | 32993       | LOCKWASHER (.437)                        |                                | 4   |      |
| 21    | 0000       | 814309A1    | HOUSING ASSEMBLY                         |                                | 1   |      |
| 22    | 0019       | 12304       | PLUG Timing Window                       |                                | 1   |      |
| 23    | 0023       | 49126       | BUSHING Pilot                            | V8                             | 1   |      |
| 23    | 0030       | 863864      | BEARING Pilot                            | 496                            | 1   |      |
| 24    | 0010       | 68101       | SCREW (.375-16 x 1.375)                  |                                | 1   |      |
| 24    | 0010       | 34353       | SCREW (.375-16 x 1.00)                   |                                | 1   |      |
| 24    | 0010       | 47688       | SCREW (.375-16 x 2.750)                  |                                | 2   |      |
| 25    | 0013       | 35048       | LOCKWASHER (.375)                        |                                | 4   |      |
| 26    | 0000       | 939201      | PLATE Cover                              |                                | 1   |      |
| 27    | 0010       | 92913       | SCREW (.437-14 x .750)                   |                                | 2   |      |
| 28    | 0013       | 32993       | LOCKWASHER (.437)                        |                                | 2   |      |
| 29    | 0000       | 818718A3    | COVER KIT Flywheel Inspection            |                                | 1   |      |
| 30    | 0027       | 86015       | GASKET Flywheel Inspection Cover         |                                | 1   |      |
| 31    | 0010       | 98253       | SCREW (.250-20 x .500)                   |                                | 7   |      |
| 32    | 0013       | 26992       | LOCKWASHER (.250) Stainless Steel        |                                | 7   |      |
| 33    | 0000       | 817416A4    | HOUSING ASSEMBLY Bearing                 |                                | 1   |      |
| 34    | 0030       | 93944A2     | BEARING SET Ball                         | Includes Part Number 36        | 1   |      |
| 35    | 0023       | 817417T     | SPACER                                   |                                | 1   |      |
| 36    | 0030       | 93944A2     | BEARING SET Ball                         | Includes Part Number 34        | 1   |      |

Jackshaft Main Kit (98634A20)

## Jackshaft Main Kit (98634A20)



## Jackshaft Main Kit (98634A20)

| Ref # | Part Class | Part Number | Description                                       | Comments           | Qty | Note |
|-------|------------|-------------|---------------------------------------------------|--------------------|-----|------|
| 37    | 0053       | 93914       | RING Retaining                                    |                    | 1   |      |
| 38    | 0053       | 93915       | RING Retaining                                    |                    | 1   |      |
| 39    | 0026       | 93924       | SEAL Oil                                          |                    | 1   |      |
| 40    |            | NSS         | NOT SOLD SEPARATE Input Shaft                     |                    | 1   |      |
| 41    | 0019       | 93921       | EXPANSION PLUG                                    |                    | 1   |      |
| 42    | 0022       | 74036       | FITTING Grease                                    |                    | 2   |      |
| 43    | 0000       | 93918A1     | SHIELD Lower                                      |                    | 1   |      |
| 44    | 0010       | 76926       | SCREW (.375-16 x .875)                            |                    | 3   |      |
| 45    | 0010       | 57053       | SCREW (.500-20 x 4.500)                           |                    | 2   |      |
| 46    | 0012       | 35777       | WASHER (.5156 x 1.375 x .125) Aluminum            |                    | 2   |      |
| 47    | 0012       | 42307       | WASHER Spherical                                  |                    | 4   |      |
| 48    | 0011       | 898832      | NUT (.500-20)                                     |                    | 2   |      |
| 49    | 0000       | 860065A1    | BRACKET KIT                                       |                    | 1   |      |
| 50    | 0000       | 808023T     | STRAP                                             |                    | 1   |      |
| 51    | 0032       | 865389139   | HOSE Female Quick Connect (Fittings on Both Ends) |                    | 1   |      |
| 52    | 0032       | 865390134   | HOSE Male Quick Connect (Fittings on One End)     |                    | 1   |      |
| 53    | 0000       | 865470      | HOUSING Inlet                                     |                    | 1   |      |
| 54    | 0022       | 865324      | QUICK CONNECT                                     |                    | 2   |      |
| 55    | 0054       | 815504222   | CLAMP Worm Gear (1.98 Diameter)                   |                    | 3   |      |
| 56    | 0032       | 8M0062666   | HOSE (96.00 Inches Bulk)                          | (Cut to 13 Inches) | 1   |      |
| 57    | 0022       | 865362      | QUICK CONNECT                                     |                    | 1   |      |
| 58    | 0022       | 865415      | FITTING PS Return                                 |                    | 1   |      |
| 59    | 0022       | 865414001   | FITTING PS Pressure                               |                    | 1   |      |
| 60    | 0000       | 861523A18   | COUPLER ASSEMBLY Engine - Short Steel Hub         |                    | 1   |      |
| 61    | 0000       | 78458A1     | TUBE                                              |                    | 1   |      |
| 62    | 0000       | 41063A1     | BRACKET ASSEMBLY                                  |                    | 1   |      |
| 63    | 0000       | 861776A2    | PLATE KIT                                         |                    | 1   |      |
| 64    | 0084       | 41575A10    | HARNESS ASSEMBLY                                  | Alpha              | 1   |      |
| 64    | 0084       | 41575A11    | HARNESS ASSEMBLY                                  | Bravo              | 1   |      |
| 65    | 0000       | 862268T1    | TUBE                                              |                    | 1   |      |
| 66    | 0000       | 862268T2    | TUBE                                              |                    | 1   |      |
| 67    | 0000       | 41802       | SEAL Rubber                                       |                    | 1   |      |

## Gasket Set Components Overhaul

## Gasket Set Components Overhaul

| Ref # | Part Class | Part Number | Description                              | Comments | Qty | Note |
|-------|------------|-------------|------------------------------------------|----------|-----|------|
| -     | 0027       | 889924A03   | GASKET SET Overhaul                      |          | 1   |      |
| -     | 0025       | 32509       | O-RING (.489 x .070)                     |          | 4   |      |
| -     | 0026       | 42077       | SEAL Swivel Tube                         |          | 3   |      |
| -     | 0027       | 49955       | GASKET Drain                             |          | 2   |      |
| -     | 0027       | 8M2000886   | GASKET Cylinder Head to Exhaust Manifold |          | 2   |      |
| -     | 0027       | 8M2003931   | GASKET Elbow                             |          | 2   |      |
| -     | 0025       | 8071341     | SEAL                                     |          | 1   |      |
| -     | 0026       | 861947      | SEAL Crossover                           |          | 1   |      |
| -     | 0026       | 862957      | SEAL Oil Filter Adaptor                  |          | 1   |      |
| -     | 0027       | 863215      | GASKET Throttle Body                     |          | 2   |      |
| -     | 0027       | 863285      | GASKET Air Valve                         |          | 1   |      |
| -     | 0026       | 865066      | SEAL Heat Exchanger to Cossover          |          | 2   |      |
| -     | 0027       | 866390      | GASKET Collector                         |          | 2   |      |
| -     | 0027       | 881603001   | GASKET Circulating Pump                  |          | 2   |      |
| -     | 0027       | 881604      | GASKET Front Cover                       |          | 1   |      |
| -     | 0026       | 881608001   | SEAL Rear Crankshaft                     |          | 1   |      |
| -     | 0026       | 881613001   | SEAL Front Crankshaft                    |          | 1   |      |
| -     | 0027       | 881612      | GASKET Oil Pan                           |          | 1   |      |
| -     | 0027       | 881620001   | GASKET Cylinder Head to Crossover        |          | 2   |      |
| -     | 0027       | 881622      | GASKET Cylinder Head Cover               |          | 2   |      |
| -     | 0026       | 881637T     | SEAL Valve Stem Oil                      |          | 16  |      |
| -     | 0027       | 895235      | GASKET SET Intake Manifold to Valley     |          | 1   |      |
| -     | 0027       | 881631      | GASKET Cylinder Head, Port               |          | 1   |      |
| -     | 0027       | 879150064   | GASKET Cylinder Head, Stoarboard         |          | 1   |      |

## Gasket Set Components Engine

## Gasket Set Components Engine

| Ref # | Part Class | Part Number | Description                              | Comments | Qty | Note |
|-------|------------|-------------|------------------------------------------|----------|-----|------|
| -     | 0027       | 883231A02   | GASKET SET Engine                        |          | 1   |      |
| -     | 0025       | 32509       | O-RING (.489 x .070)                     |          | 4   |      |
| -     | 0025       | 8071341     | SEAL                                     |          | 1   |      |
| -     | 0026       | 42077       | SEAL Swivel Tube                         |          | 2   |      |
| -     | 0026       | 861947      | SEAL Crossover                           |          | 1   |      |
| -     | 0026       | 865066      | SEAL Heat Exchanger to Crossover         |          | 2   |      |
| -     | 0026       | 862957      | SEAL Oil Filter Adaptor                  |          | 1   |      |
| -     | 0027       | 49955       | GASKET Drain                             |          | 2   |      |
| -     | 0027       | 863215      | GASKET Throttle Body                     |          | 2   |      |
| -     | 0027       | 863285      | GASKET Air Valve                         |          | 1   |      |
| -     | 0027       | 881620001   | GASKET Cylinder Head to Crossover        |          | 2   |      |
| -     | 0027       | 8M2000886   | GASKET Cylinder Head to Exhaust Manifold |          | 2   |      |
| -     | 0027       | 8M2003931   | GASKET Elbow                             |          | 2   |      |
| -     | 0027       | 866390      | GASKET Collector                         |          | 2   |      |

# PARTS INDEX

| Part No. | Description                                   | Pg. | Ref.no | Part No. | Description                                                  | Pg. | Ref.no |
|----------|-----------------------------------------------|-----|--------|----------|--------------------------------------------------------------|-----|--------|
| 12038    | WASHER                                        | 54  | 12     | 12304    | PLUG Timing Window                                           | 102 | 22     |
| 12427    | TOOL Shift Adjust                             | 88  | 18     | 12524    | PLUG (.375-18 x .475) Brass                                  | 54  | 6      |
| 12657    | TAB WASHER                                    | 98  | 6      | 12657    | TAB WASHER                                                   | 102 | 12     |
| 14358001 | TUBE Exhaust Exhaust                          | 52  | 5      | 14761    | SHAFT AND RETAINER Oil Pump Drive                            | 34  | 31     |
| 15878    | PIN Clevis                                    | 70  | 21     | 16419    | PIN Clevis                                                   | 70  | 22     |
| 16604    | FITTING Straight (.125-27)                    | 48  | 20     | 17645    | O-RING Reservoir End                                         | 94  | 15     |
| 18304    | NUT Jam                                       | 98  | 7      | 18529    | PUMP ASSEMBLY With Screws                                    | 94  | 13     |
| 18545A1  | REPAIR KIT                                    | 94  | NS     | 1940971  | HOSE (54.00 Inches Bulk)                                     | 86  | 7      |
| 19697    | ELBOW                                         | 44  | 6      | 1993325  | SCREW (M10 x 25 MM)                                          | 46  | 4      |
| 20533    | WASHER                                        | 22  | 21     | 20533    | WASHER                                                       | 22  | 31     |
| 210711   | COTTER PIN                                    | 88  | 10     | 210711   | COTTER PIN Cotter                                            | 88  | 16     |
| 21825    | NUT (.250-28)                                 | 92  | 19     | 22937    | WASHER                                                       | 68  | 13     |
| 25908    | WASHER (.265 x .812 x .0625)                  | 92  | 16     | 25909    | WASHER (.406 x .812 x .065)                                  | 46  | 21     |
| 26419    | NUT (#8-32) Brass                             | 92  | 9      | 26802    | O-RING (.424 x .103)                                         | 64  | 6      |
| 26802    | O-RING (.424 x .103)                          | 66  | 11     | 26992    | LOCKWASHER (.250) Stainless Steel                            | 78  | 9      |
| 26992    | LOCKWASHER (.250) Stainless Steel             | 84  | 3      | 26992    | LOCKWASHER (.250) Stainless Steel                            | 92  | 13     |
| 26992    | LOCKWASHER (.250) Stainless Steel             | 92  | 18     | 26992    | LOCKWASHER (.250) Stainless Steel                            | 100 | 3      |
| 26992    | LOCKWASHER (.250) Stainless Steel             | 102 | 32     | 26996    | LOCKWASHER (#10) Stainless Steel                             | 8   | 6      |
| 26996    | LOCKWASHER (#10) Stainless Steel              | 38  | 17     | 28668    | SCREW (.250-20 x .875) Stainless Steel                       | 50  | 33     |
| 29085    | FITTING Elbow (45 Degree)                     | 40  | 44     | 29245    | WASHER (.281 x .500 x .060) Stainless Steel                  | 78  | 10     |
| 29245    | WASHER (.281 x .500 x .060) Stainless Steel   | 84  | 2      | 29245    | WASHER (.281 x .500 x .060) Stainless Steel                  | 92  | 26     |
| 29245    | WASHER (.281 x .500 x .060) Stainless Steel   | 100 | 4      | 29845    | O-RING (.924 x .103)                                         | 102 | 15     |
| 31866    | SPACER (.256 x .313 x .625)                   | 22  | 30     | 32509    | O-RING (.489 x .070)                                         | 106 | -      |
| 32509    | O-RING (.489 x .070)                          | 108 | -      | 328571   | COTTER PIN                                                   | 88  | 6      |
| 32993    | LOCKWASHER (.437)                             | 102 | 20     | 32993    | LOCKWASHER (.437)                                            | 102 | 28     |
| 33164    | LOCKWASHER Stainless (.750)                   | 98  | 8      | 34353    | SCREW (.375-16 x 1.00)                                       | 102 | 24     |
| 34354    | SCREW (.375-16 x 1.50)                        | 74  | 20     | 34487    | PLUG (.375-18 x .42) Pipe, Oil Galley                        | 38  | 14     |
| 34487    | PLUG (.375-18 x .42) Pipe, Oil Galley         | 40  | 35     | 34567    | WASHER                                                       | 46  | 8      |
| 34931    | WASHER (.406 x .734 x .063) Stainless Steel   | 90  | 15     | 35044    | WASHER (.281 x .625 x .065) Stainless Steel                  | 68  | 13     |
| 35044    | WASHER (.281 x .625 x .065) Stainless Steel   | 96  | 5      | 35048    | LOCKWASHER (.375)                                            | 92  | 29     |
| 35048    | LOCKWASHER (.375)                             | 102 | 25     | 35462    | WASHER (.2656 x .625 x .0625) Stainless Steel                | 88  | 9      |
| 35462    | WASHER (.2656 x .625 x .0625) Stainless Steel | 90  | 14     | 35777    | WASHER (.5156 x 1.375 x .125) Aluminum                       | 46  | 13     |
| 35777    | WASHER (.5156 x 1.375 x .125) Aluminum        | 104 | 46     | 36002    | COTTER PIN                                                   | 90  | 5      |
| 36183    | RETAINER Oil Pump Drive                       | 34  | 32     | 38407    | PLUG (.500-14) Pipe                                          | 38  | 18     |
| 40001195 | SCREW (M10 x 30)                              | 14  | 6      | 40001195 | SCREW (M10 x 30)                                             | 16  | 6      |
| 40001195 | SCREW (M10 x 30)                              | 46  | 20     | 40001195 | SCREW (M10 x 30)                                             | 98  | 3      |
| 40001197 | SCREW (M10 x 35)                              | 46  | 4      | 40001197 | SCREW (M10 x 35)                                             | 98  | 2      |
| 40001203 | SCREW (M10 x 45)                              | 46  | 4      | 4000327  | SCREW (M6 x 14)                                              | 68  | 15     |
| 4000328  | SCREW (M6 x 16)                               | 44  | 14     | 4000328  | SCREW (M6 x 16)                                              | 66  | 12     |
| 4000331  | SCREW (M6 x 30)                               | 64  | 11     | 4000331  | SCREW (M6 x 30)                                              | 66  | 15     |
| 4000332  | SCREW (M6 x 35)                               | 78  | 5      | 4000332  | SCREW (M6 x 35)                                              | 84  | 16     |
| 4000335  | SCREW (M6 x 50) M6 x 50 Hose                  | 78  | NS     | 4000354  | SCREW (M8 x 30)                                              | 54  | 13     |
| 4000374  | SCREW (M10 x 16)                              | 64  | 18     | 40011151 | SCREW (M8 x 35) Stainless Steel                              | 22  | 5      |
| 40011151 | SCREW (M8 x 35) Stainless Steel               | 48  | 10     | 40011155 | SCREW (M8 x 55) Stainless Steel                              | 90  | 16     |
| 40011158 | SCREW (M8 x 70) Stainless Steel               | 48  | 11     | 4002030  | NUT (M8)                                                     | 10  | 18     |
| 400211   | NUT (M5) Stainless Steel                      | 8   | 5      | 400212   | NUT (M6) Stainless Steel                                     | 8   | 17     |
| 400213   | NUT (M8) Stainless Steel                      | 10  | 18     | 4002314  | WASHER                                                       | 64  | 15     |
| 4002316  | WASHER (6.60 X 17.0 X 1.5SS)                  | 78  | NS     | 400247   | LOCKWASHER (M8)                                              | 8   | 4      |
| 400248   | LOCKWASHER (M10)                              | 46  | 7      | 400256   | LOCKWASHER (M6)                                              | 78  | NS     |
| 4006731  | SCREW (M6 x 16)                               | 22  | 26     | 4008820  | SCREW (M6 x 20)                                              | 26  | 4      |
| 4008845  | SCREW (M6 x 45)                               | 26  | 5      | 4009025  | SCREW (M10 x 25) Stainless Steel                             | 34  | 35     |
| 4009535  | SCREW (M8 x 35)                               | 48  | 19     | 4010516  | SCREW (M5 x 16) Stainless Steel                              | 100 | 9      |
| 4010610  | SCREW (M6 x 10) Stainless Steel To Collector  | 10  | 16     | 4010610  | SCREW (M6 x 10) Stainless Steel Coil Bracket to Rocker Cover | 32  | 37     |
| 4010610  | SCREW (M6 x 10) Stainless Steel               | 48  | 9      | 4010612  | SCREW (M6 x 12) Stainless Steel                              | 12  | 10     |
| 4010612  | SCREW (M6 x 12) Stainless Steel               | 28  | 31     | 4010618  | SCREW (M6 x 18) Stainless Steel Coil to Coil Bracket         | 32  | 38     |
| 4010620  | SCREW (M6 x 20) Stainless Steel               | 22  | 39     | 4010716  | SCREW (M8 x 16)                                              | 40  | 39     |
| 4010716  | SCREW (M8 x 16)                               | 48  | 18     | 4010716  | SCREW (M8 x 16)                                              | 50  | NS     |
| 4010716  | SCREW (M8 x 16)                               | 70  | 5      | 4010716  | SCREW (M8 x 16)                                              | 74  | 27     |
| 4010716  | SCREW (M8 x 16)                               | 88  | 17     | 4010720  | SCREW (M8 x 20)                                              | 14  | 3      |

# PARTS INDEX

| Part No.  | Description                                      | Pg. | Ref.no | Part No. | Description                                          | Pg. | Ref.no |
|-----------|--------------------------------------------------|-----|--------|----------|------------------------------------------------------|-----|--------|
| 4010720   | SCREW (M8 x 20)                                  | 16  | 8      | 4010720  | SCREW (M8 x 20)                                      | 68  | 4      |
| 4010720   | SCREW (M8 x 20)                                  | 70  | 9      | 4010720  | SCREW (M8 x 20)                                      | 74  | 19     |
| 4010725   | SCREW (M8 x 25)                                  | 12  | 9      | 4010735  | SCREW (M8 x 35)                                      | 90  | 9      |
| 40108120  | SCREW (M10 x 120) Hex Flange - Stainless Steel   | 8   | 11     | 4010816  | SCREW (M10 x 16) Hex Flange - Stainless Steel        | 12  | 2      |
| 4010816   | SCREW (M10 x 16) Hex Flange - Stainless Steel    | 66  | 20     | 4010816  | SCREW (M10 x 16) Hex Flange - Stainless Steel        | 70  | 11     |
| 4010820   | SCREW (M10 x 20) Hex Flange - Stainless Steel    | 12  | 7      | 4010820  | SCREW (M10 x 20) Hex Flange - Stainless Steel        | 14  | 4      |
| 4010820   | SCREW (M10 x 20) Hex Flange - Stainless Steel    | 16  | 9      | 4010820  | SCREW (M10 x 20) Hex Flange - Stainless Steel        | 66  | 26     |
| 4010820   | SCREW (M10 x 20) Hex Flange - Stainless Steel    | 68  | 6      | 4010835  | SCREW (M10 x 35) Hex Flange - Stainless Steel        | 8   | 16     |
| 4010845   | SCREW (M10 x 45) Hex Flange - Stainless Steel    | 66  | 21     | 4010860  | SCREW (M10 x 60) Hex Flange - Stainless Steel        | 74  | 11     |
| 4010890   | SCREW (M10 x 90) Hex Flange - Stainless Steel    | 70  | 13     | 40125100 | NUT (M10)                                            | 46  | 6      |
| 401366    | NUT (M6) Stainless Steel                         | 68  | 14     | 401368   | NUT (M8) Stainless Steel                             | 8   | 12     |
| 4013710   | NUT (M10)                                        | 46  | 6      | 41063A1  | BRACKET ASSEMBLY                                     | 104 | 62     |
| 41471     | LOCKWASHER (.375)                                | 52  | 10     | 41471    | LOCKWASHER (.375)                                    | 52  | 13     |
| 41508     | SCREW (.250-20 x .500) Stainless Steel           | 92  | 8      | 41575A10 | HARNESS ASSEMBLY                                     | 104 | 64     |
| 41575A11  | HARNESS ASSEMBLY                                 | 104 | 64     | 41802    | SEAL Rubber                                          | 104 | 67     |
| 42077     | SEAL Swivel Tube                                 | 68  | 18     | 42077    | SEAL Swivel Tube                                     | 106 | -      |
| 42077     | SEAL Swivel Tube                                 | 108 | -      | 42307    | WASHER Spherical                                     | 104 | 47     |
| 424632    | STUD (M8 x 37.1)                                 | 48  | 17     | 42600A09 | MERCATHODE ASSEMBLY                                  | 100 | 5      |
| 4285069   | HOSE (44.00 Inches Bulk) Manifold to Y-Fitting   | 58  | 3      | 42996    | SPRING (Stainless Steel)                             | 48  | 31     |
| 44164     | WASHER                                           | 98  | 9      | 44267A04 | ELBOW KIT Intermediate, Standard                     | 52  | 3      |
| 44267A05  | ELBOW KIT Intermediate, 2 Inch Rise              | 52  | 3      | 44267A06 | ELBOW KIT Intermediate, 4 Inch Rise                  | 52  | 3      |
| 44267A07  | ELBOW KIT Intermediate, 6 Inch Rise              | 52  | 3      | 44267A08 | ELBOW KIT Intermediate, 8 Inch Rise                  | 52  | 3      |
| 44348001  | TUBE Exhaust Exhaust                             | 52  | 1      | 45862    | SCREW (#10-32 x .875)                                | 100 | 12     |
| 46335     | NUT (.375-24)                                    | 90  | 13     | 46950    | COTTER PIN                                           | 70  | 23     |
| 46950     | COTTER PIN                                       | 96  | 13     | 47651    | SCREW (.437-14 x 1.50)                               | 102 | 3      |
| 47651     | SCREW (.437-14 x 1.50)                           | 102 | 19     | 47688    | SCREW (.375-16 x 2.750)                              | 102 | 24     |
| 48340     | PLUG (.250-18 x .41) Oil Galley                  | 38  | 14     | 48340    | PLUG (.250-18 x .41) Oil Galley                      | 40  | 35     |
| 48341     | PLUG (.125-27 x .375) Oil Galley                 | 38  | 2      | 48341    | PLUG (.125-27 x .375) Oil Galley                     | 38  | 14     |
| 48341     | PLUG (.125-27 x .375) Oil Galley                 | 40  | 34     | 48341    | PLUG (.125-27 x .375) Oil Galley                     | 40  | 35     |
| 48409     | SCREW (#10-16 x .625) Stainless Steel            | 92  | 21     | 49126    | BUSHING Pilot                                        | 102 | 23     |
| 49955     | GASKET Drain                                     | 44  | 7      | 49955    | GASKET Drain                                         | 106 | -      |
| 49955     | GASKET Drain                                     | 108 | -      | 52190    | PIN Cylinder Head Locating                           | 38  | 6      |
| 53167     | SCREW (.312-18 x .880)                           | 88  | 5      | 54012    | WASHER (.530 x .870 x .105) Stainless Steel          | 46  | 15     |
| 54530     | KEY Valve Stem                                   | 30  | 11     | 5495025  | TUBING (25.00 Feet Bulk) Cut to Length               | 96  | 12     |
| 56720     | WASHER (.330 x .750 x .060) Stainless Steel      | 88  | 8      | 57053    | SCREW (.500-20 x 4.500)                              | 104 | 45     |
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| 865066    | SEAL Heat Exchanger to Crossover                          | 108 | -      | 865076    | SCREW (6-32 x 1.25)                                | 90  | 18     |
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| 865148    | SHOULDER SCREW (.312-18 x 1.843) Stainless Steel Shoulder | 88  | 14     | 865154A02 | STUD KIT (.250-20/.250-28 x 2.120) With Cotter Pin | 88  | 2      |
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| 865205    | CLIP                                                      | 10  | 4      | 865205    | CLIP                                               | 10  | 4      |
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