

**Parts Manual**

**Cat.# 90-803599006**

**Revised 09-21-2020**

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Cat.# 90-803599006

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## Service/Support Material

## Service/Support Material

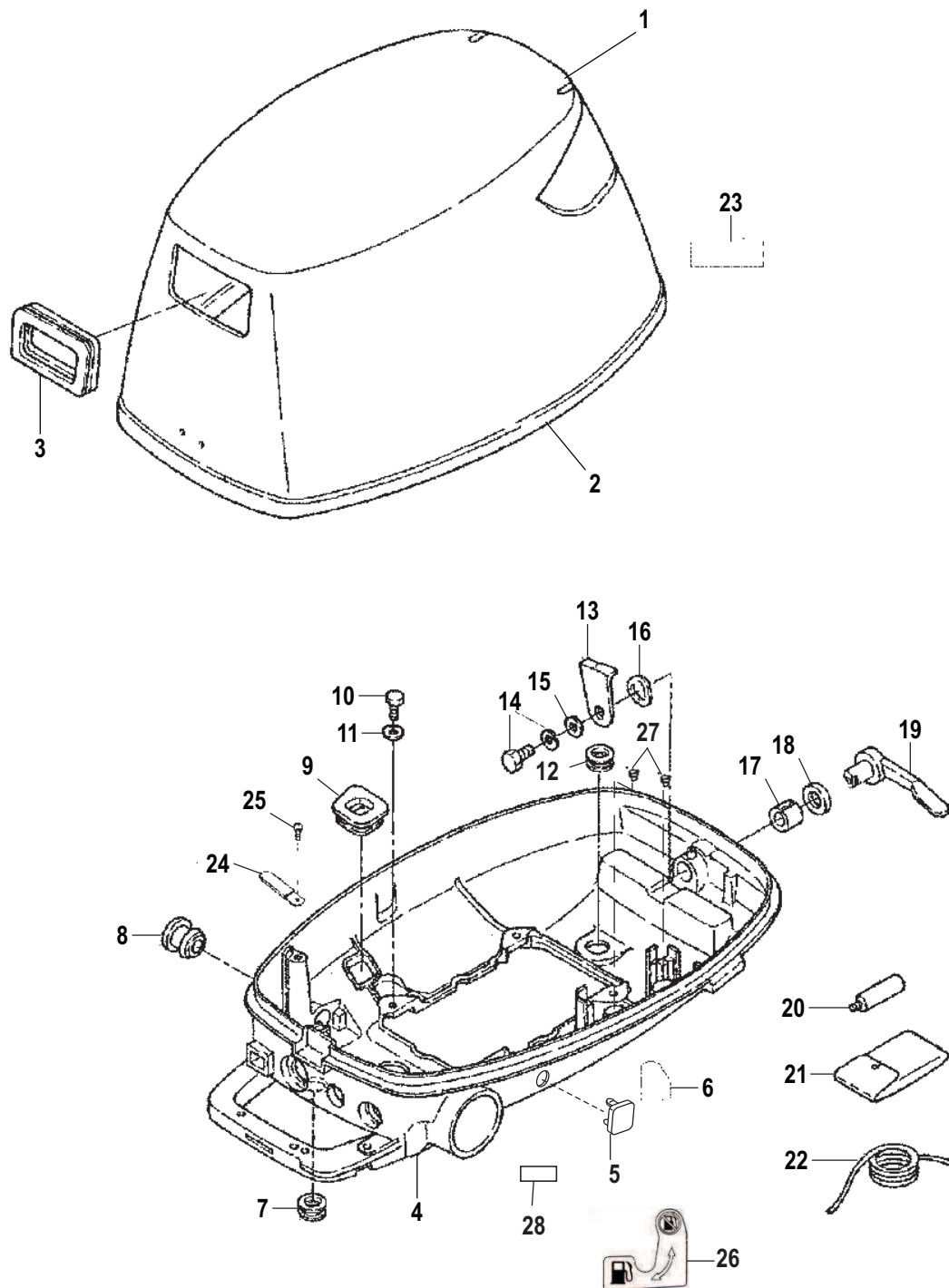
| Ref # | Part Class | Part Number | Description                              | Comments                                                                                  | Qty | Note |
|-------|------------|-------------|------------------------------------------|-------------------------------------------------------------------------------------------|-----|------|
| -     | 0090       | 803599006   | PARTS MANUAL 4/5/6 4-Stroke              |                                                                                           | 1   |      |
| -     | 0090       | 10211060    | OWNERS MANUAL                            | [0R270499] & Below                                                                        | 1   |      |
| -     | 0090       | 10211090    | OPERATION MANUAL                         | [0R270500] & Up                                                                           | 1   |      |
| -     | 0090       | 10211J60    | OWNERS MANUAL Spanish                    | [0R270499] & Below                                                                        | 1   |      |
| -     | 0090       | 10211D60    | OWNERS MANUAL French                     | [0R270499] & Up                                                                           | 1   |      |
| -     | 0090       | 857138R1    | SERVICE MANUAL                           |                                                                                           | 1   |      |
| -     | 0037       | 804651A06   | DECAL EPA Label Information (2006)       |                                                                                           | 1   | [1]  |
| -     | 0037       | 804651A07   | DECAL EPA Label Information (2007)       |                                                                                           | 1   | [1]  |
| -     | 0037       | 804651A08   | DECAL EPA Label Information (2008)       |                                                                                           | 1   | [1]  |
| -     |            | NSS         | NOT SOLD SEPARATE DECAL, EPA (2009 & Up) | Contact Mercury Marine Warranty Administration for Replacement (Service Bulletin 2009-18) | 1   | [1]  |

## PART NOTES:

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



## Cowling

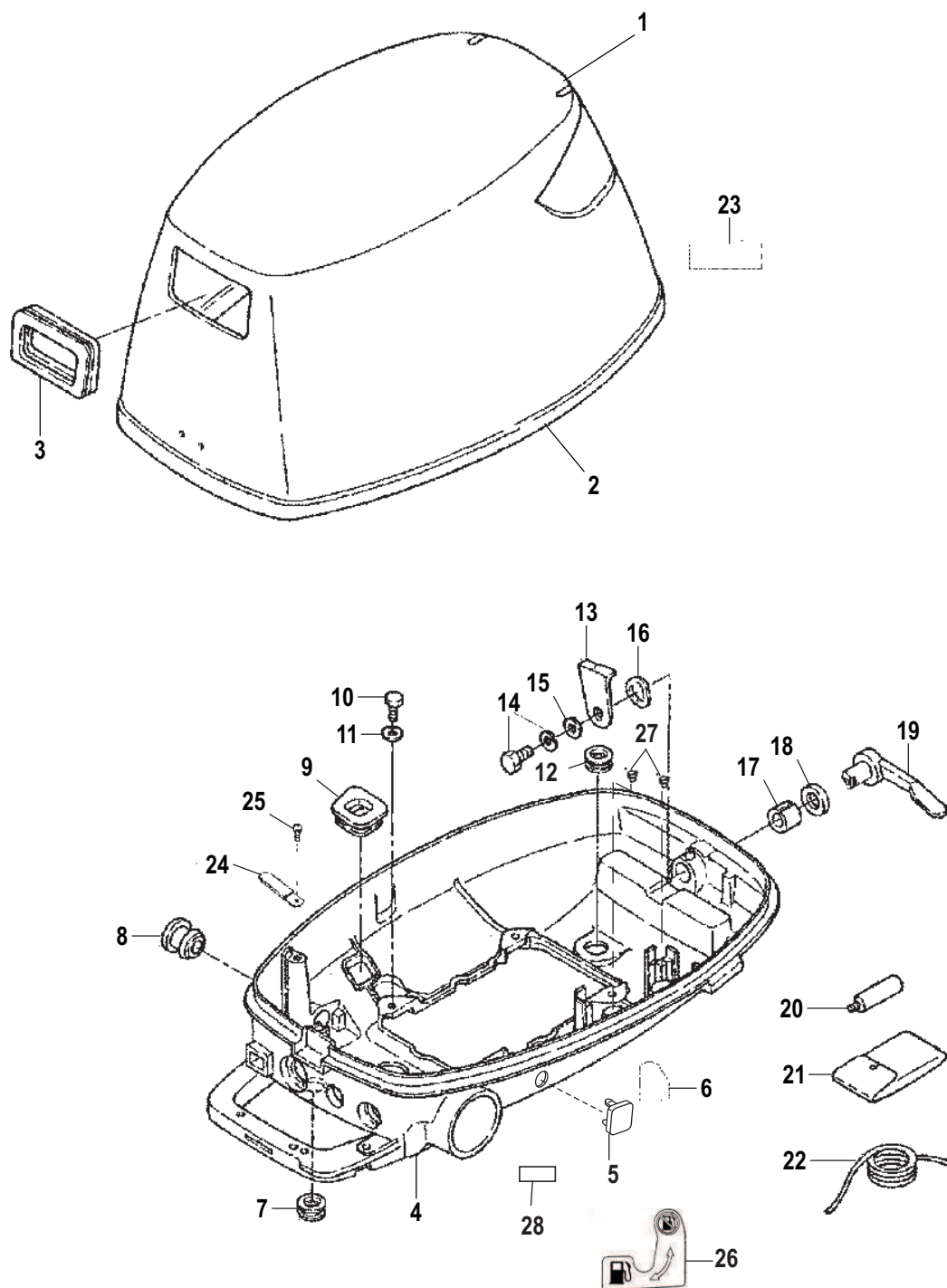


14503

## Cowling

| Ref # | Part Class | Part Number | Description                              | Comments                                                                                  | Qty | Note |
|-------|------------|-------------|------------------------------------------|-------------------------------------------------------------------------------------------|-----|------|
| 1     | 0114       | 803580T1    | TOP COWL ASSEMBLY                        | Black                                                                                     | 1   |      |
| 1     | 0114       | 803580T2    | TOP COWL ASSEMBLY                        | Silver                                                                                    | 1   |      |
| 1     | 0114       | 803580T4    | TOP COWL ASSEMBLY                        | Black - Use With Integral Fuel Tank                                                       | 1   |      |
| 1     | 0114       | 803580T5    | TOP COWL ASSEMBLY                        | Silver - Use With Integral Fuel Tank                                                      | 1   |      |
| 2     | 0000       | 8107512     | SEAL                                     |                                                                                           | 1   |      |
| 3     | 0025       | 162282      | SEAL Rubber                              |                                                                                           | 1   |      |
| 4     | 4000       | 803578T1    | BOTTOM COWL                              | Use With Integral Fuel Tank                                                               | 1   |      |
| 4     | 4000       | 803578T02   | BOTTOM COWL                              |                                                                                           | 1   |      |
| 5     | 0000       | 815037      | PLUG                                     |                                                                                           | 1   |      |
| 6     | 0037       | 879706      | DECAL Fuel Lever                         | Use With Integral Fuel Tank                                                               | 1   |      |
| 7     | 0025       | 16226       | GROMMET                                  |                                                                                           | 1   |      |
| 8     | 0025       | 16225       | GROMMET                                  |                                                                                           | 1   |      |
| 9     | 0025       | 16231       | GROMMET                                  |                                                                                           | 1   |      |
| 10    | 0010       | 16832       | BOLT (M6 x 16)                           |                                                                                           | 4   |      |
| 11    | 0012       | 16826       | WASHER Stainless Steel                   |                                                                                           | 4   |      |
| 12    | 0025       | 953871      | GROMMET                                  |                                                                                           | 1   |      |
| 13    | 0000       | 803579      | COVER HOOK                               |                                                                                           | 1   |      |
| 14    | 0010       | 162111      | BOLT                                     |                                                                                           | 1   |      |
| 15    | 0012       | 953921      | WASHER Stainless Steel                   |                                                                                           | 1   |      |
| 16    | 0013       | 16221       | WAVE WASHER                              |                                                                                           | 1   |      |
| 17    | 0023       | 16220       | BUSHING                                  |                                                                                           | 1   |      |
| 18    | 0026       | 16219       | SEAL                                     |                                                                                           | 1   |      |
| 19    | 0000       | 162181      | HOOK LEVER                               |                                                                                           | 1   |      |
| 20    | 0000       | 16841A2     | FLUSHING ATTACHMENT                      |                                                                                           | 1   | [1]  |
| 21    | 0091       | 803581      | TOOL KIT                                 |                                                                                           | 1   |      |
| 22    | 0050       | 16230       | SAFETY ROPE                              |                                                                                           | 1   |      |
| 23    | 0037       | 804651A06   | DECAL EPA Label Information (2006)       |                                                                                           | 1   | [2]  |
| 23    | 0037       | 804651A07   | DECAL EPA Label Information (2007)       |                                                                                           | 1   | [2]  |
| 23    | 0037       | 804651A08   | DECAL EPA Label Information (2008)       |                                                                                           | 1   | [2]  |
| 23    |            | NSS         | NOT SOLD SEPARATE DECAL, EPA (2009 & Up) | Contact Mercury Marine Warranty Administration for Replacement (Service Bulletin 2009-18) | 1   | [2]  |
| 24    | 0054       | 813275      | CLAMP                                    |                                                                                           | 1   |      |
| 25    | 0010       | 8230427     | BOLT ASSEMBLY (M6 x 12)                  |                                                                                           | 1   |      |
| 26    | 0037       | 8240877     | DECAL Fuel Lever                         |                                                                                           | 1   |      |
| 27    | 0025       | 885154001   | GROMMET                                  |                                                                                           | 2   |      |
| 28    | 0037       | 8156931     | DECAL Fuel Lever Remote Fuel Shut-Off    | Use With Integral Fuel Tank                                                               | 1   |      |
| -     | 0037       | 803635A06   | DECAL SET                                | Black 4 HP/4 HP Sailpower                                                                 | 1   |      |
| -     | 0037       | 803634A06   | DECAL SET                                | Black 5 Horsepower                                                                        | 1   |      |

## Cowling



14503

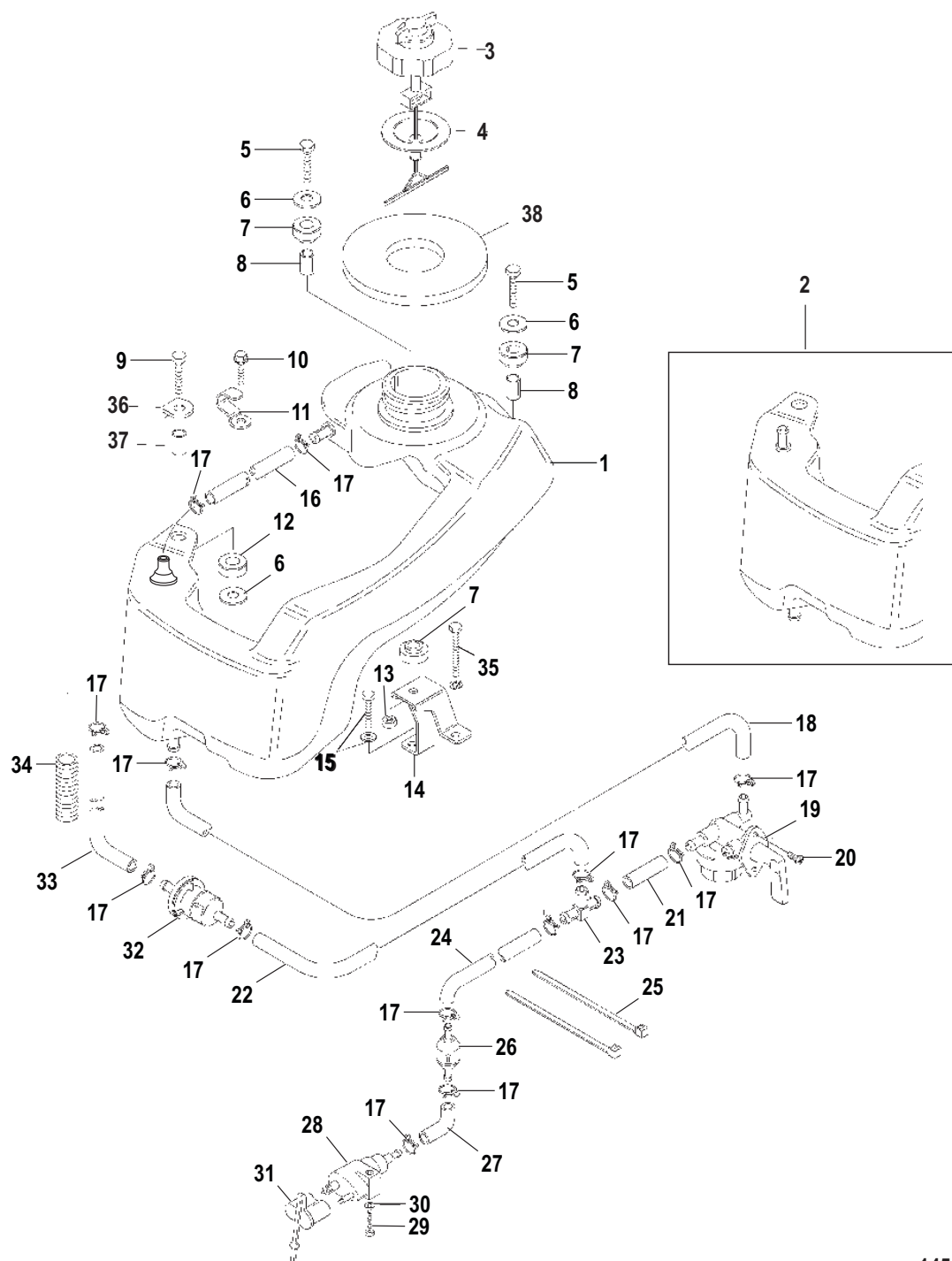
## Cowling

| Ref # | Part Class | Part Number | Description                    | Comments           | Qty    | Note |
|-------|------------|-------------|--------------------------------|--------------------|--------|------|
| -     | 0037       | 804769A06   | DECAL SET                      | Black 6 Horsepower | 1      |      |
| -     | 0037       | 803638A03   | DECAL SET                      | Gray 4 Horsepower  | 1      |      |
| -     | 0037       | 888723A03   | DECAL SET                      | 4 Sailmate         | 1      |      |
| -     | 0037       | 803637A03   | DECAL SET                      | Gray 5 Horsepower  | 1      |      |
| -     | 0037       | 803639A03   | DECAL SET                      | Gray 6 Horsepower  | 1      |      |
| -     | 0037       | 8592669     | DECAL Bodensee                 |                    | 1 or 2 |      |
| -     | 0037       | 827887      | DECAL Unleaded Fuel - Bodensee |                    | 1      |      |
| -     | 0037       | 892904010   | DECAL Notice-This Side Up      |                    | 1      |      |

## PART NOTES:

- [1] - Alternate part numbers:
- 16841A 2Service Part
- 16841K02MPP
- 16841Q02QS
- [2] - IMPORTANT INFORMATION: REPLACE ANY MISSING OR UNREADABLE EPA LABEL

## Integral Fuel Tank 4 Horsepower

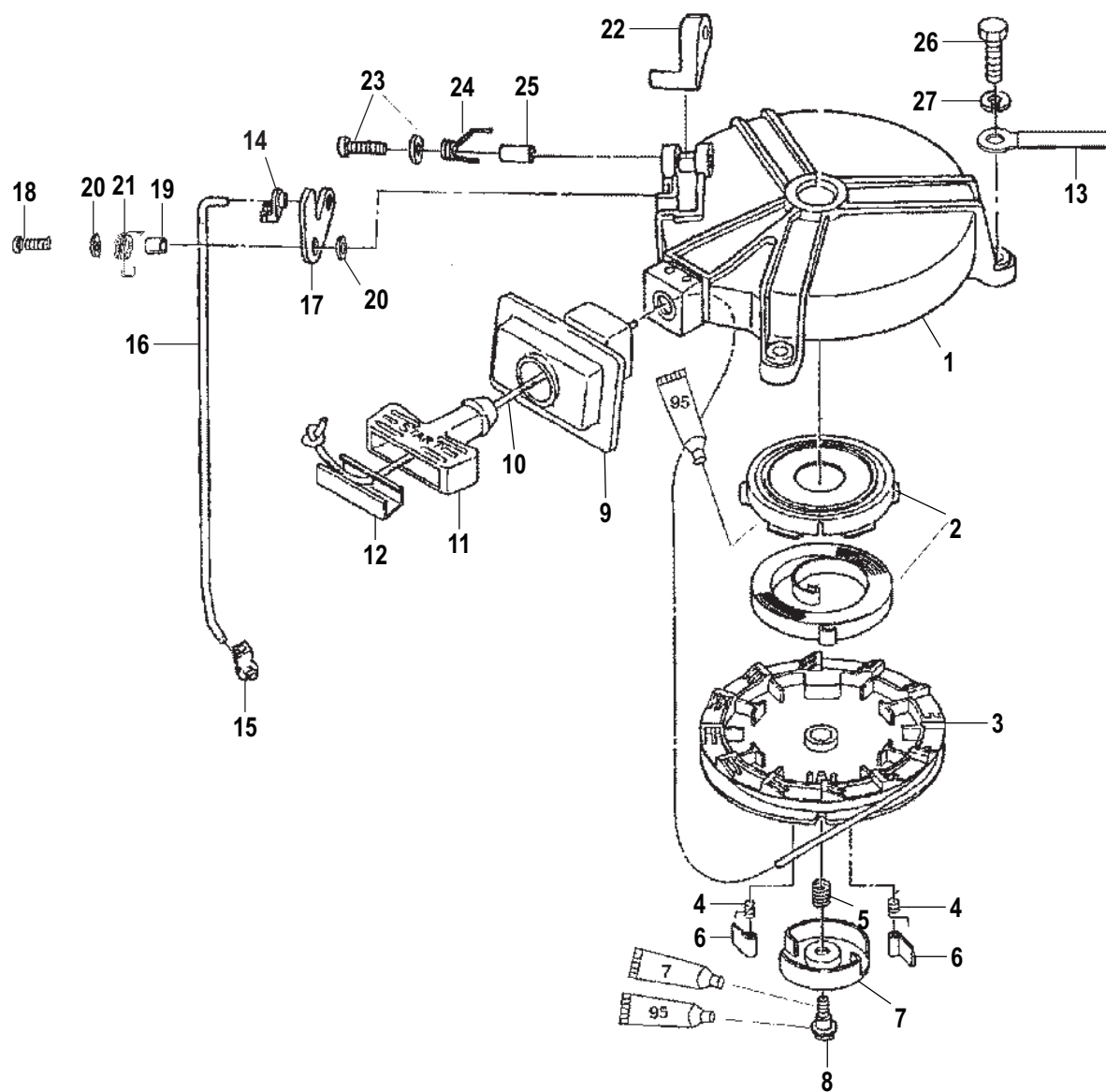


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## Integral Fuel Tank 4 Horsepower

| Ref # | Part Class | Part Number | Description                             | Comments  | Qty | Note |
|-------|------------|-------------|-----------------------------------------|-----------|-----|------|
| 1     | 1265       | 889246T45   | TANK ASSEMBLY Fuel                      | Design II | 1   |      |
| 2     | 1258       | 878355A1    | TANK ASSEMBLY Fuel                      | Design I  | 1   |      |
| 2     | 1258       | 878355A2    | TANK ASSEMBLY Fuel                      | Bodensee  | 1   |      |
| 3     | 0036       | 878352A1    | CAP ASSEMBLY Fuel                       |           | 1   |      |
| 3     | 0036       | 878352A2    | CAP ASSEMBLY Fuel                       | Bodensee  | 1   |      |
| 4     | 0027       | 878353      | GASKET                                  |           | 1   |      |
| 5     | 0010       | 4000330     | SCREW (M6 x 25)                         |           | 2   |      |
| 6     | 0012       | 161404      | WASHER                                  |           | 4   |      |
| 7     | 0023       | 8537437     | MOUNT Rubber                            |           | 4   |      |
| 8     | 0023       | 8537154     | SPACER                                  |           | 2   |      |
| 9     | 0010       | 16705       | BOLT                                    |           | 1   |      |
| 10    | 0010       | 878388      | SCREW Stainless Steel                   |           | 1   |      |
| 11    | 0054       | 813275      | CLAMP                                   |           | 1   |      |
| 12    | 0025       | 881305      | MOUNT Rubber                            |           | 1   |      |
| 13    | 0011       | 400212      | NUT (M6) Stainless Steel                |           | AR  |      |
| 14    | 0000       | 878350      | BRACKET                                 |           | 1   |      |
| 15    | 0010       | 823042060   | BOLT                                    |           | 1   |      |
| 16    | 0032       | 953949      | LINE Fuel (1000 mm) Cut to 9.875 Inches |           | 1   |      |
| 17    | 0054       | 95395       | CLIP Stainless Steel                    |           | 14  |      |
| 18    | 0032       | 953949      | LINE Fuel (1000 mm) Cut to 14.00 Inches |           | 1   |      |
| 19    | 0022       | 878387      | FUEL COCK ASSEMBLY                      |           | 1   |      |
| 20    | 0010       | 815046      | SCREW Stainless Steel                   |           | 2   |      |
| 21    | 0032       | 953949      | LINE Fuel (1000 mm) Cut to 1.375 Inches |           | 1   |      |
| 22    | 0032       | 953949      | LINE Fuel (1000 mm) Cut to 8.50 Inches  |           | 1   |      |
| 23    | 0022       | 73318       | TEE Plastic                             |           | 1   |      |
| 24    | 0032       | 953949      | LINE Fuel (1000 mm) Cut to 5.25 Inches  |           | 1   |      |
| 25    | 0054       | 816311T     | TIE STRAP (8.00 Inches)                 |           | 2   |      |
| 26    | 0022       | 815048      | CONNECTOR Plastic                       |           | 1   |      |
| 27    | 0032       | 815049      | HOSE Rubber 1.75 Inch                   |           | 1   |      |
| 28    | 0022       | 15781A5     | CONNECTOR Fuel - Brass                  |           | 1   |      |
| 29    | 0010       | 4000333     | SCREW (M6 x 40)                         |           | 1   |      |
| 30    | 0012       | 16826       | WASHER Stainless Steel                  |           | 1   |      |
| 31    | 0000       | 878311      | CAP                                     |           | 1   |      |
| 32    | 0035       | 16248       | FILTER Fuel                             |           | 1   |      |
| 33    | 0032       | 17668       | HOSE 7.125 Inch                         |           | 1   |      |
| 34    | 0023       | 8797051     | SLEEVE                                  |           | 1   |      |
| 35    | 0010       | 82304235    | BOLT (M6 x 45) (M6 x 45)                |           | 1   |      |
| 36    | 0000       | 881306      | PLATE                                   |           | 1   |      |
| 37    | 0023       | 881307      | SPACER                                  |           | 1   |      |
| 38    | 0026       | 878354      | SEAL                                    |           | 1   |      |

## Recoil Starter



14507

## Recoil Starter

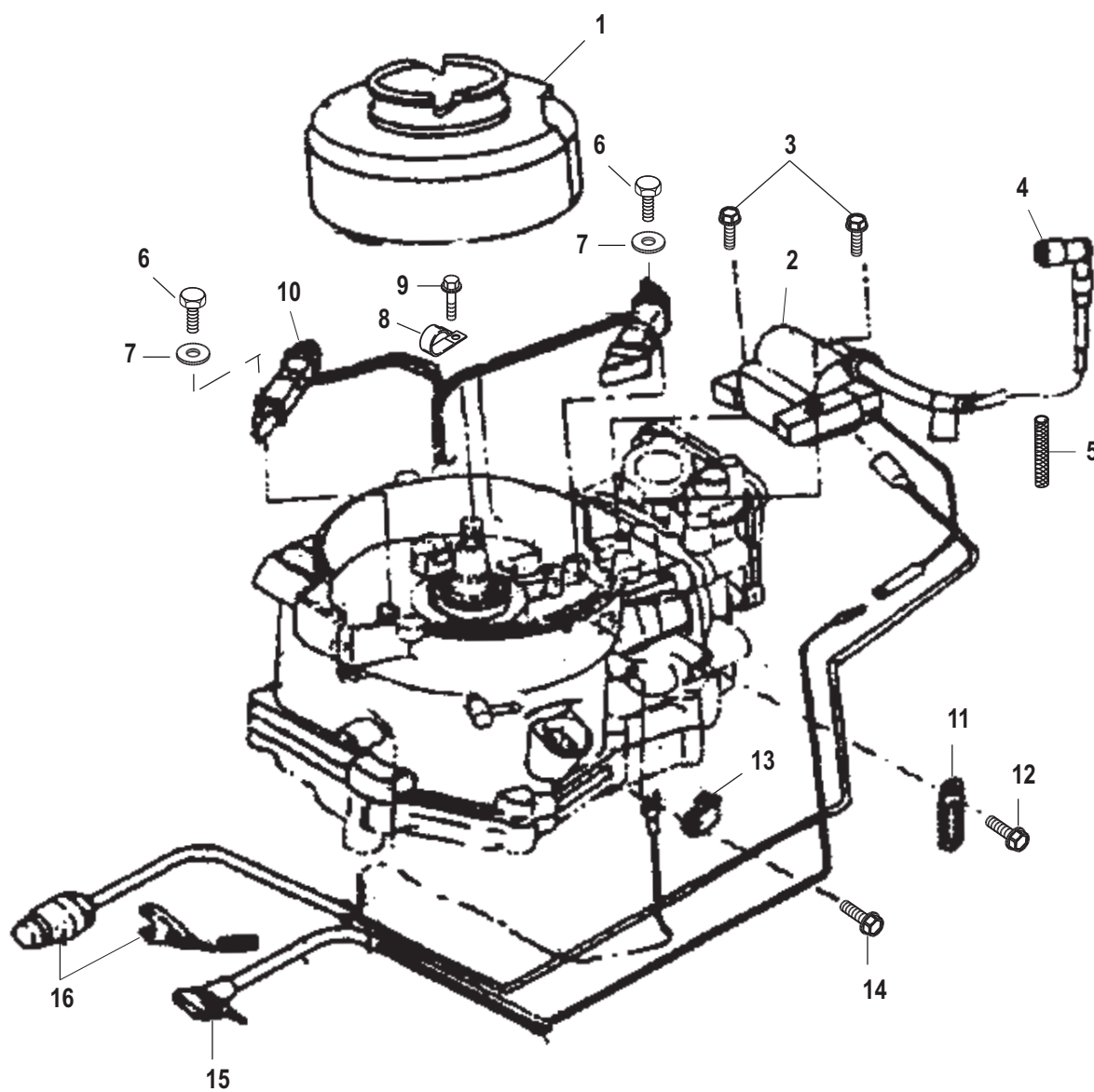
| Ref # | Part Class | Part Number | Description             | Comments | Qty | Note |
|-------|------------|-------------|-------------------------|----------|-----|------|
| -     | 0000       | 803576T02   | STARTER ASSEMBLY Recoil |          | 1   |      |
| 1     | 0000       | 812632002   | HOUSING Starter         |          | 1   |      |
| 2     | 0024       | 812645T10   | SPRING SET Starter      |          | 1   |      |
| 3     | 0000       | 812633002   | SHEEVE Starter          |          | 1   |      |
| 4     | 0024       | 812634003   | SPRING Return           |          | 2   |      |
| 5     | 0024       | 812636001   | SPRING                  |          | 1   |      |
| 6     | 0000       | 812635002   | RATCHET                 |          | 2   |      |
| 7     | 0000       | 812638001   | FRICTION PLATE          |          | 1   |      |
| 8     | 0010       | 812637001   | BOLT                    |          | 1   |      |
| 9     | 0000       | 16110004    | PLATE Seal              |          | 1   |      |
| 10    | 0050       | 12066Q9     | ROPE                    |          | 1   | [1]  |
| 11    | 0000       | 804363001   | HANDLE Starter          |          | 1   |      |
| 12    | 0000       | 853755001   | ROPE ANCHOR             |          | 1   |      |
| 13    | 0054       | 95306       | CLAMP                   |          | 1   |      |
| 14    | 0000       | 17643002    | SNAP Link Rod           |          | 1   |      |
| 15    | 0000       | 176431      | SNAP Link Rod           |          | 1   |      |
| 16    | 0000       | 803577      | LOCK ROD Starter        |          | 1   |      |
| 17    | 0000       | 812643002   | CAM Starter Lock        |          | 1   |      |
| 18    | 0010       | 855544      | SCREW ASSEMBLY          |          | 1   |      |
| 19    | 0023       | 855545001   | COLLAR                  |          | 1   |      |
| 20    | 0012       | 16826       | WASHER Stainless Steel  |          | 2   |      |
| 21    | 0024       | 804366001   | SPRING Starter Lock Cam |          | 1   |      |
| 22    | 0000       | 17634001    | LOCK Starter            |          | 1   |      |
| 23    | 0010       | 8555449     | SCREW ASSEMBLY          |          | 1   |      |
| 24    | 0024       | 812645007   | SPRING                  |          | 1   |      |
| 25    | 0023       | 17637001    | COLLAR                  |          | 1   |      |
| 26    | 0010       | 810755      | SCREW                   |          | 3   |      |
| 27    | 0013       | 400256      | LOCKWASHER (M6)         |          | 3   |      |
| -     | 0037       | 898103193   | DECAL Interference      |          | 1   |      |

## PART NOTES:

- [1] - Alternate part numbers:  
12066Q 9QS  
12066T 9MPP



## Electrical Components

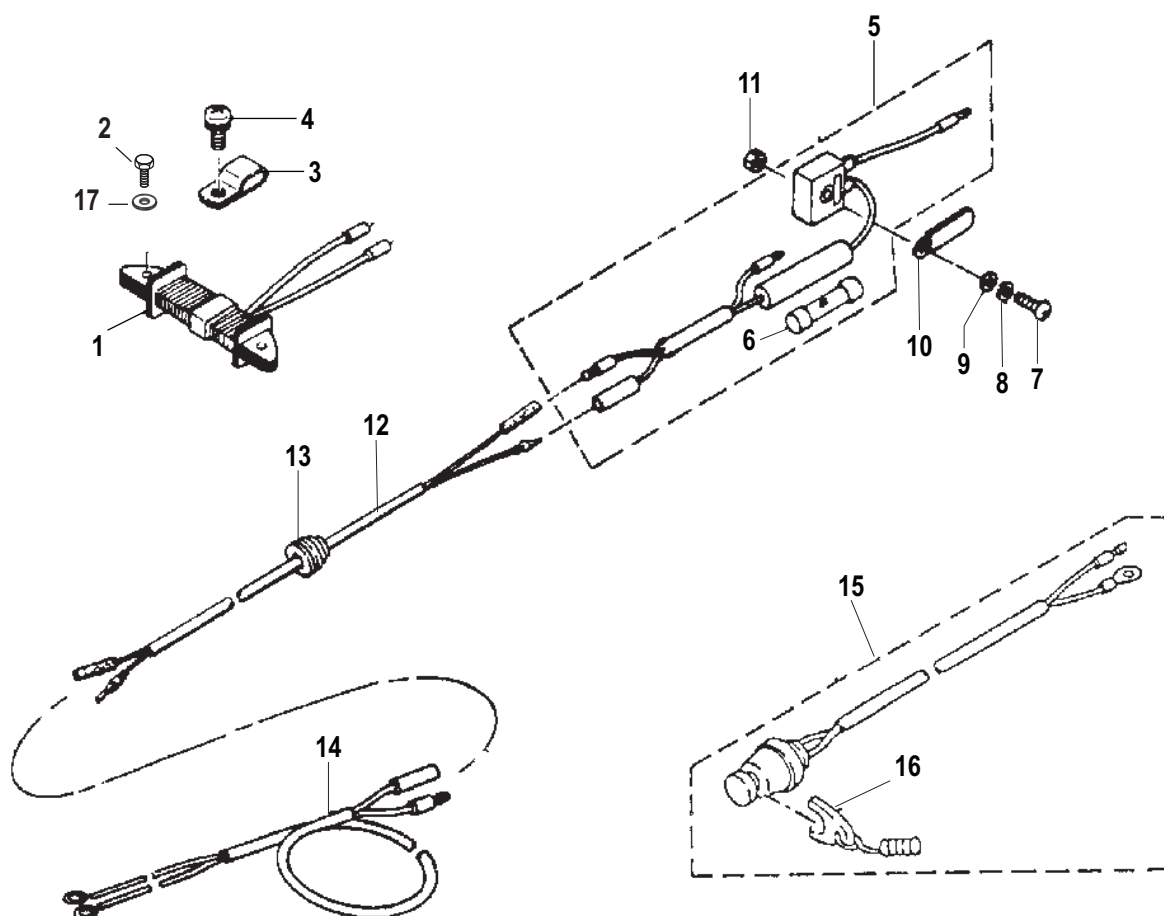


14458

## Electrical Components

| Ref # | Part Class | Part Number | Description                    | Comments                    | Qty | Note |
|-------|------------|-------------|--------------------------------|-----------------------------|-----|------|
| 1     | 0262       | 803557T01   | FLYWHEEL                       |                             | 1   |      |
| 1     | 0262       | 803557T02   | FLYWHEEL                       | Sailpower/Sailmate          | 1   |      |
| 2     | 0339       | 803559T07   | IGNITER ASSEMBLY               |                             | 1   |      |
| 3     | 0010       | 82304224    | BOLT                           |                             | 2   |      |
| 4     | 0085       | 803560      | BOOT                           |                             | 1   |      |
| 5     | 0085       | 803560003   | PROTECTOR                      |                             | 1   |      |
| 6     | 0010       | 16123       | SCREW (25 mm)                  |                             | 4   |      |
| 7     | 0012       | 16080       | WASHER Stainless Steel         |                             | 4   |      |
| 8     | 0054       | 16060       | CLAMP                          |                             | 1   |      |
| 9     | 0010       | 16821       | SCREW                          |                             | 1   |      |
| 10    | 0000       | 16074T04    | ALTERNATOR                     | Sailpower/Sailmate-Standard | 1   |      |
| 11    | 0054       | 95306       | CLAMP                          |                             | 1   |      |
| 12    | 0010       | 8230427     | BOLT ASSEMBLY (M6 x 12)        |                             | 1   |      |
| 13    | 0054       | 953951      | CLAMP                          |                             | 1   |      |
| 14    | 0010       | 8230427     | BOLT ASSEMBLY (M6 x 12)        |                             | 1   |      |
| 15    | 0000       | 803562      | WARNING LAMP                   |                             | 1   |      |
| 16    | 0087       | 823037A06   | SWITCH ASSEMBLY Stop - Lanyard |                             | 1   |      |

## Sailpower/Sailmate Components



14508

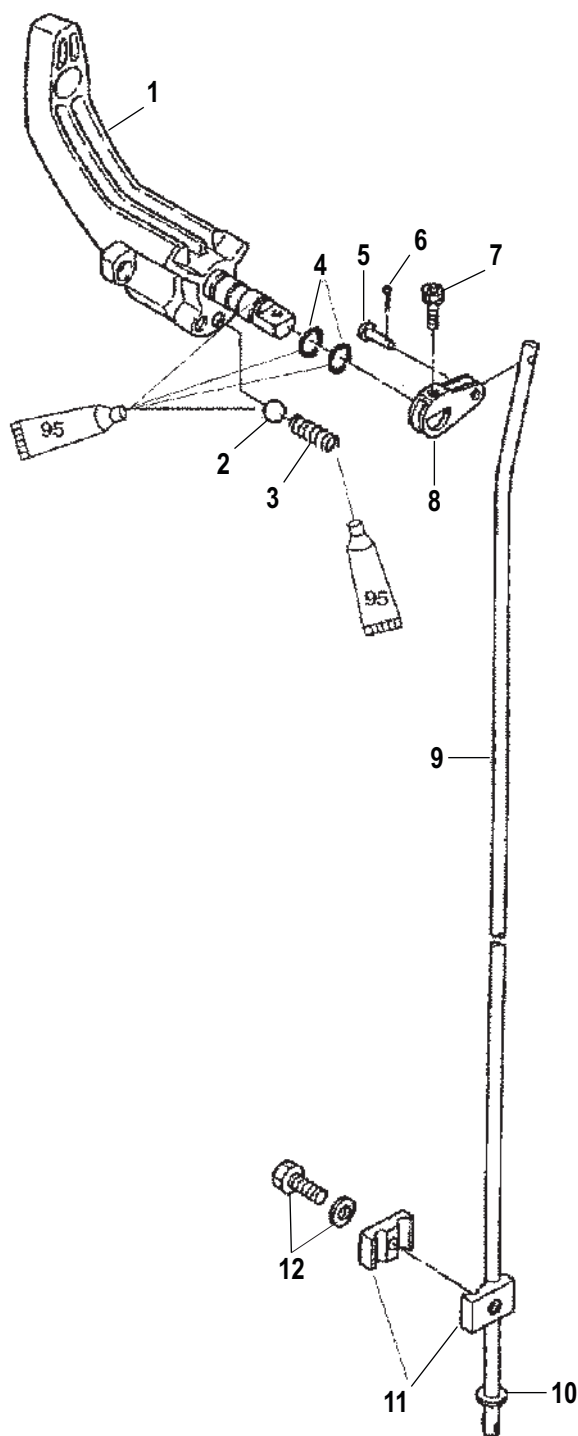
## Sailpower/Sailmate Components

| Ref # | Part Class | Part Number | Description                    | Comments | Qty | Note |
|-------|------------|-------------|--------------------------------|----------|-----|------|
| 1     | 0000       | 16074T04    | ALTERNATOR                     |          | 1   |      |
| 2     | 0010       | 16123       | SCREW (25 mm)                  |          | 2   |      |
| 3     | 0054       | 16060       | CLAMP                          |          | 1   |      |
| 4     | 0010       | 16821       | SCREW                          |          | 1   |      |
| 5     | 0000       | 16076A1     | RECTIFIER KIT                  |          | 1   |      |
| 6     | 0089       | 16077       | FUSE                           |          | 1   |      |
| 7     | 0010       | 16123       | SCREW (25 mm)                  |          | 1   |      |
| 8     | 0013       | 16079       | LOCKWASHER                     |          | 1   |      |
| 9     | 0012       | 16080       | WASHER Stainless Steel         |          | 1   |      |
| 10    | 0054       | 813275      | CLAMP                          |          | 1   |      |
| 11    | 0011       | 16081       | NUT Stainless Steel            |          | 1   |      |
| 12    | 0084       | 16822       | HARNESS Extension              |          | 1   |      |
| 13    | 0025       | 16823       | GROMMET                        |          | 1   |      |
| 14    | 0084       | 16082       | CABLE Battery                  |          | 1   |      |
| 15    | 0087       | 823037A04   | SWITCH ASSEMBLY Emergency Stop |          | 1   |      |
| 16    | 0000       | 823054      | LANYARD                        |          | 1   | [1]  |
| 17    | 0012       | 16080       | WASHER Stainless Steel         |          | 2   |      |

## PART NOTES:

- [1] - Alternate part numbers:  
823054Service Part  
823054QQS

# Shift Components

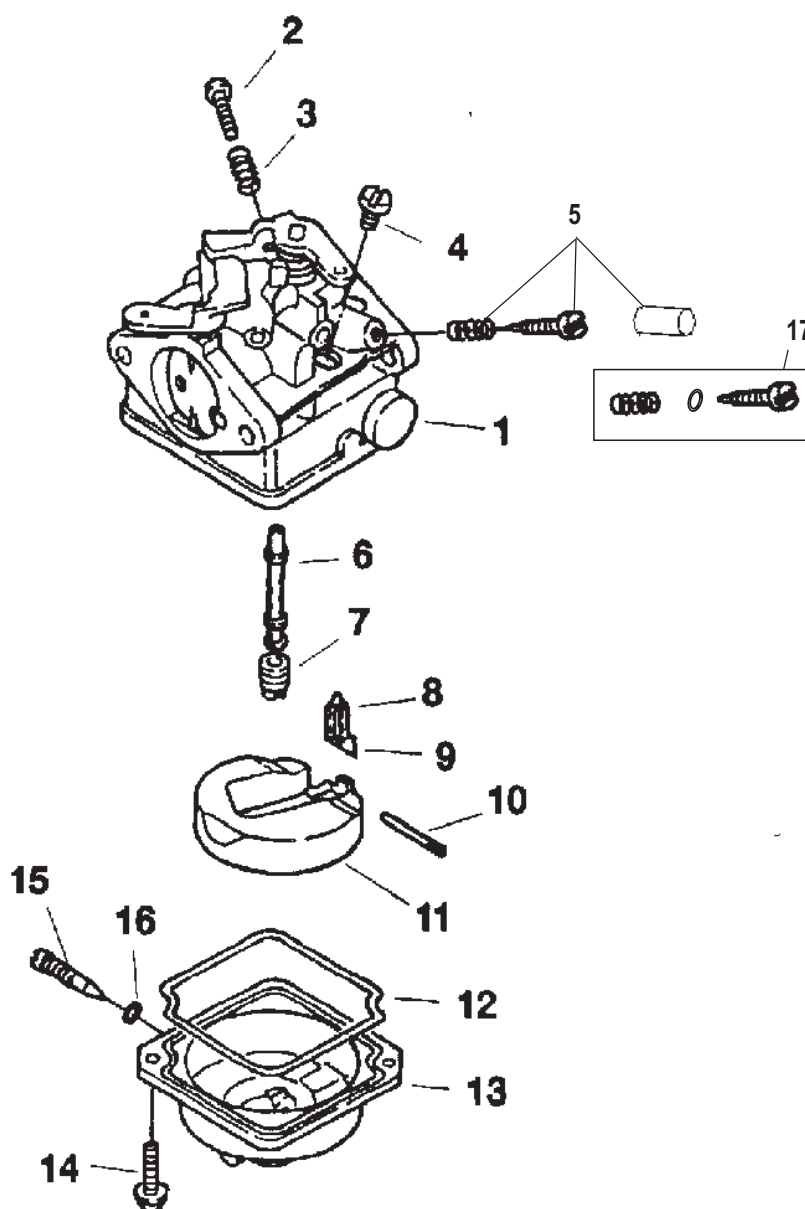


8130

## Shift Components

| Ref # | Part Class | Part Number | Description            | Comments | Qty | Note |
|-------|------------|-------------|------------------------|----------|-----|------|
| 1     | 0000       | 803594      | LEVER Shift            |          | 1   |      |
| 2     | 0030       | 812937      | STOPPER                |          | 1   |      |
| 3     | 0024       | 813028      | SPRING                 |          | 1   |      |
| 4     | 0025       | 16181       | O-RING                 |          | 2   |      |
| 5     | 0017       | 16188       | PIN                    |          | 1   |      |
| 6     | 0018       | 16189       | COTTER PIN             |          | 1   |      |
| 7     | 0010       | 16185       | BOLT                   |          | 1   |      |
| 8     | 0000       | 16184       | LEVER                  |          | 1   |      |
| 9     | 0000       | 16186       | SHIFT ROD              | Short    | 1   |      |
| 9     | 0000       | 16187       | SHIFT ROD              | Long     | 1   |      |
| 10    | 0012       | 16826       | WASHER Stainless Steel |          | 1   |      |
| 11    | 0000       | 16190       | JOINT Set              |          | 1   |      |
| 12    | 0010       | 8248324     | SCREW (M6 x 16)        |          | 1   |      |

## Carburetor



11647

## Carburetor

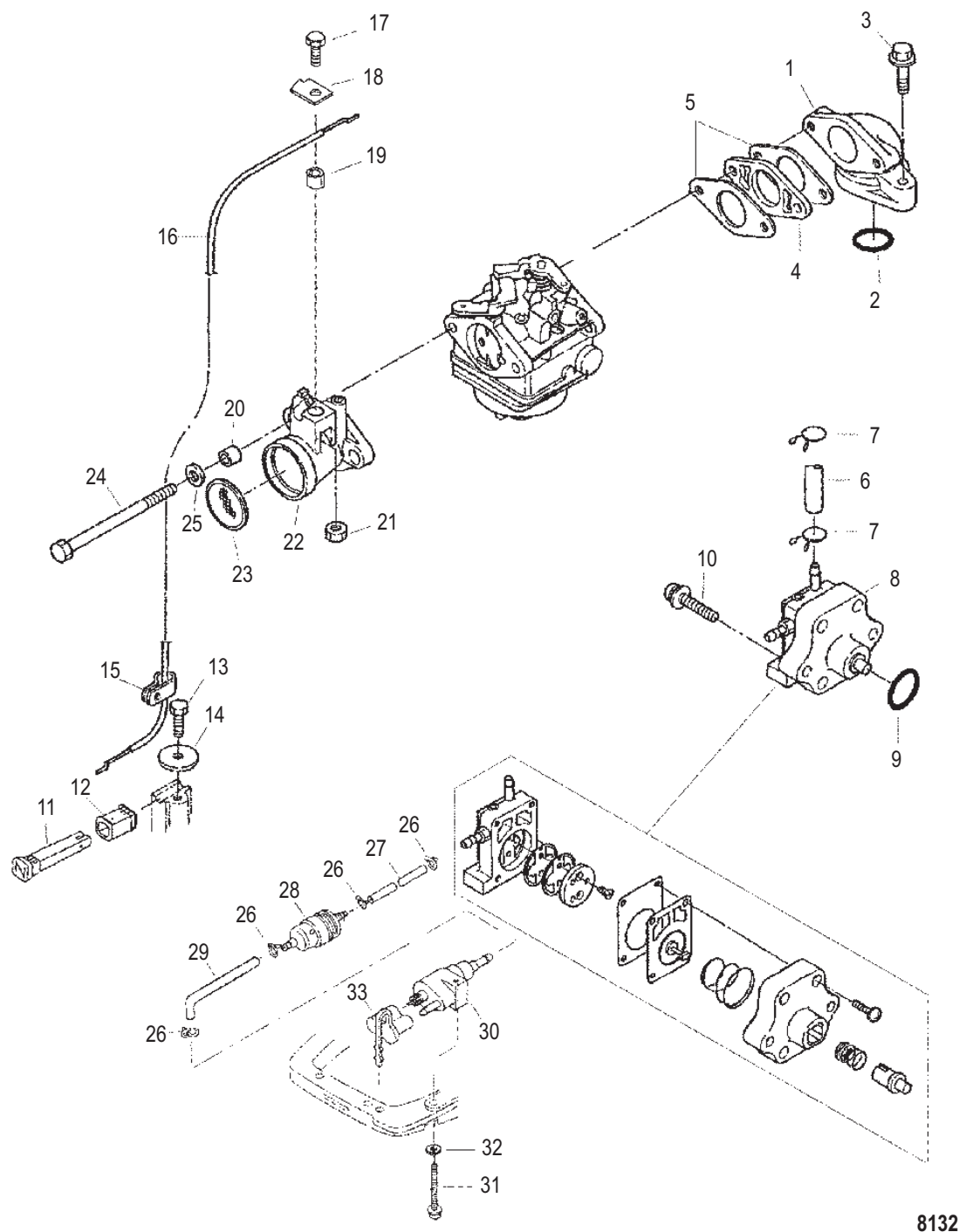
| Ref # | Part Class | Part Number | Description                 | Comments                           | Qty | Note |
|-------|------------|-------------|-----------------------------|------------------------------------|-----|------|
| 1     | 3303       | 803819T03   | CARBURETOR                  | 4 Horsepower                       | 1   |      |
| 1     | 3303       | 803819A04   | CARBURETOR                  | 4 Horsepower EU [0R162800] & Below | 1   |      |
| 1     | 3303       | 803819A05   | CARBURETOR                  | 4 Horsepower EU [0R162801] & Up    | 1   |      |
| 1     | 3303       | 803522T03   | CARBURETOR                  | 5 Horsepower                       | 1   |      |
| 1     | 3303       | 803522A04   | CARBURETOR                  | 5 Horsepower EU [0R162800] & Below | 1   |      |
| 1     | 3303       | 803522A05   | CARBURETOR                  | 5 Horsepower EU [0R162801] & Up    | 1   |      |
| 1     | 3303       | 804766T03   | CARBURETOR                  | 6 Horsepower                       | 1   |      |
| 1     | 3303       | 804766A04   | CARBURETOR                  | 6 Horsepower EU [0R162800] & Below | 1   |      |
| 1     | 3303       | 804766A05   | CARBURETOR                  | 6 Horsepower EU [0R162801] & Up    | 1   |      |
| 2     | 0010       | 8035095     | SCREW                       |                                    | 1   |      |
| 3     | 0024       | 803554      | SPRING                      |                                    | 1   |      |
| 4     | 0000       | 803524004   | JET Pilot (#35)             | 4 Horsepower                       | 1   |      |
| 4     | 0000       | 8035243     | JET Pilot (#38)             | 5/6 Horsepower                     | 1   |      |
| 5     | 0010       | 803509019   | SCREW ASSEMBLY Pilot        | USA                                | 1   |      |
| 6     | 0000       | 812650012   | MAIN NOZZLE                 | 4 Horsepower                       | 1   |      |
| 6     | 0000       | 812650015   | MAIN NOZZLE                 | 4 Horsepower EU [0R162801] & Up    | 1   |      |
| 6     | 0000       | 812650013   | MAIN NOZZLE                 | 5 Horsepower                       | 1   |      |
| 6     | 0000       | 812650016   | MAIN NOZZLE                 | 5 Horsepower EU [0R162801] & Up    | 1   |      |
| 6     | 0000       | 812650014   | MAIN NOZZLE                 | 6 Horsepower                       | 1   |      |
| 6     | 0000       | 812650017   | MAIN NOZZLE                 | 6 Horsepower EU [0R162801] & Up    |     |      |
| 7     | 0000       | 162505      | JET Main (#60)              | 4 Horsepower                       | 1   |      |
| 7     | 0000       | 162508      | JET Main (#65)              | 5 Horsepower                       | 1   |      |
| 7     | 0000       | 16250011    | JET Main (#68)              | 6 Horsepower                       | 1   |      |
| 7     | 0000       | 16250012    | JET Main (#58)              | All EU [0R162801] & Up             | 1   |      |
| 8     | 0000       | 162543      | FLOAT VALVE Brass           |                                    | 1   |      |
| 9     | 0054       | 803525      | CLIP Stainless Steel        |                                    | 1   |      |
| 10    | 0017       | 162562      | PIN Float - Stainless Steel |                                    | 1   |      |
| 11    | 0000       | 162533      | FLOAT                       |                                    | 1   |      |
| 12    | 0027       | 8035084     | GASKET Rubber               |                                    | 1   |      |
| 13    | 0000       | 16258T5     | FLOAT BOWL                  |                                    | 1   |      |
| 14    | 0010       | 16260       | SCREW (M4 x 12)             |                                    | 2   |      |
| 15    | 0010       | 8035093     | SCREW Drain (M5 x 6)        |                                    | 1   |      |
| 16    | 0025       | 8035131     | O-RING Rubber               |                                    | 1   | [1]  |
| 17    | 0010       | 803509020   | SCREW ASSEMBLY Pilot        | EU                                 | 1   |      |
| -     | 0027       | 803508T06   | GASKET SET Powerhead        |                                    | 1   |      |

## PART NOTES:

[1] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 803508T06



## Fuel System



8132

## Fuel System

| Ref # | Part Class | Part Number | Description                       | Comments           | Qty | Note |
|-------|------------|-------------|-----------------------------------|--------------------|-----|------|
| 1     | 0000       | 803530      | MANIFOLD Inlet                    |                    | 1   |      |
| 2     | 0025       | 8035133     | O-RING                            |                    | 1   | [1]  |
| 3     | 0010       | 8150684     | BOLT (M6 x 25)                    |                    | 2   |      |
| 4     | 0027       | 80350810    | GASKET Insulator                  |                    | 1   |      |
| 5     | 0027       | 803508013   | GASKET                            |                    | 2   | [1]  |
| 6     | 0032       | 953949      | LINE Fuel (1000 mm) To Carburetor |                    | 1   |      |
| 7     | 0054       | 95395       | CLIP Stainless Steel              |                    | 1   |      |
| 8     | 0000       | 803529T03   | PUMP ASSEMBLY Fuel                | [0R129314] & Below | 1   |      |
| 8     | 0000       | 803529T06   | PUMP Fuel                         | [0R129315] & Up    | 1   |      |
| 9     | 0025       | 803513      | O-RING                            |                    | 1   |      |
| 10    | 0010       | 8555448     | SCREW (M6 x 30)                   |                    | 2   |      |
| 11    | 0000       | 804646      | ROD Choke                         |                    | 1   |      |
| 12    | 0023       | 804647      | BUSHING                           |                    | 1   |      |
| 13    | 0010       | 16223       | BOLT (M6 x 14)                    |                    | 1   |      |
| 14    | 0012       | 161404      | WASHER                            |                    | 1   |      |
| 15    | 0054       | 953951      | CLAMP                             |                    | 1   |      |
| 16    | 0000       | 8276225     | LINK WIRE Choke                   |                    | 1   |      |
| 17    | 0010       | 16832       | BOLT (M6 x 16)                    |                    | 1   |      |
| 18    | 0000       | 803528      | BRACKET                           |                    | 1   |      |
| 19    | 0023       | 804371      | COLLAR                            |                    | 1   |      |
| 20    | 0023       | 952868      | COLLAR                            |                    | 2   |      |
| 21    | 0011       | 400212      | NUT (M6) Stainless Steel          |                    | 1   |      |
| 22    | 0000       | 803526T     | SILENCER Air                      |                    | 1   |      |
| 23    | 0000       | 803527      | FLAME ARRESTOR                    |                    | 1   |      |
| 24    | 0010       | 16329002    | BOLT                              |                    | 2   |      |
| 25    | 0012       | 16826       | WASHER Stainless Steel            |                    | 2   |      |
| 26    | 0054       | 95395       | CLIP Stainless Steel              |                    | 4   |      |
| 27    | 0032       | 8780541     | TUBING (170 mm)                   |                    | 1   |      |
| 28    | 0035       | 16248       | FILTER Fuel                       |                    | 1   |      |
| 29    | 0032       | 878054      | TUBING                            |                    | 1   |      |
| 30    | 0022       | 15781A5     | CONNECTOR Fuel - Brass            |                    | 1   |      |
| 31    | 0010       | 4000333     | SCREW (M6 x 40)                   |                    | 1   |      |
| 32    | 0012       | 16826       | WASHER Stainless Steel            |                    | 1   |      |
| 33    | 0000       | 878311      | CAP                               |                    | 1   |      |
| -     | 0027       | 803508T06   | GASKET SET Powerhead              |                    | 1   |      |

## PART NOTES:

[1] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 803508T06



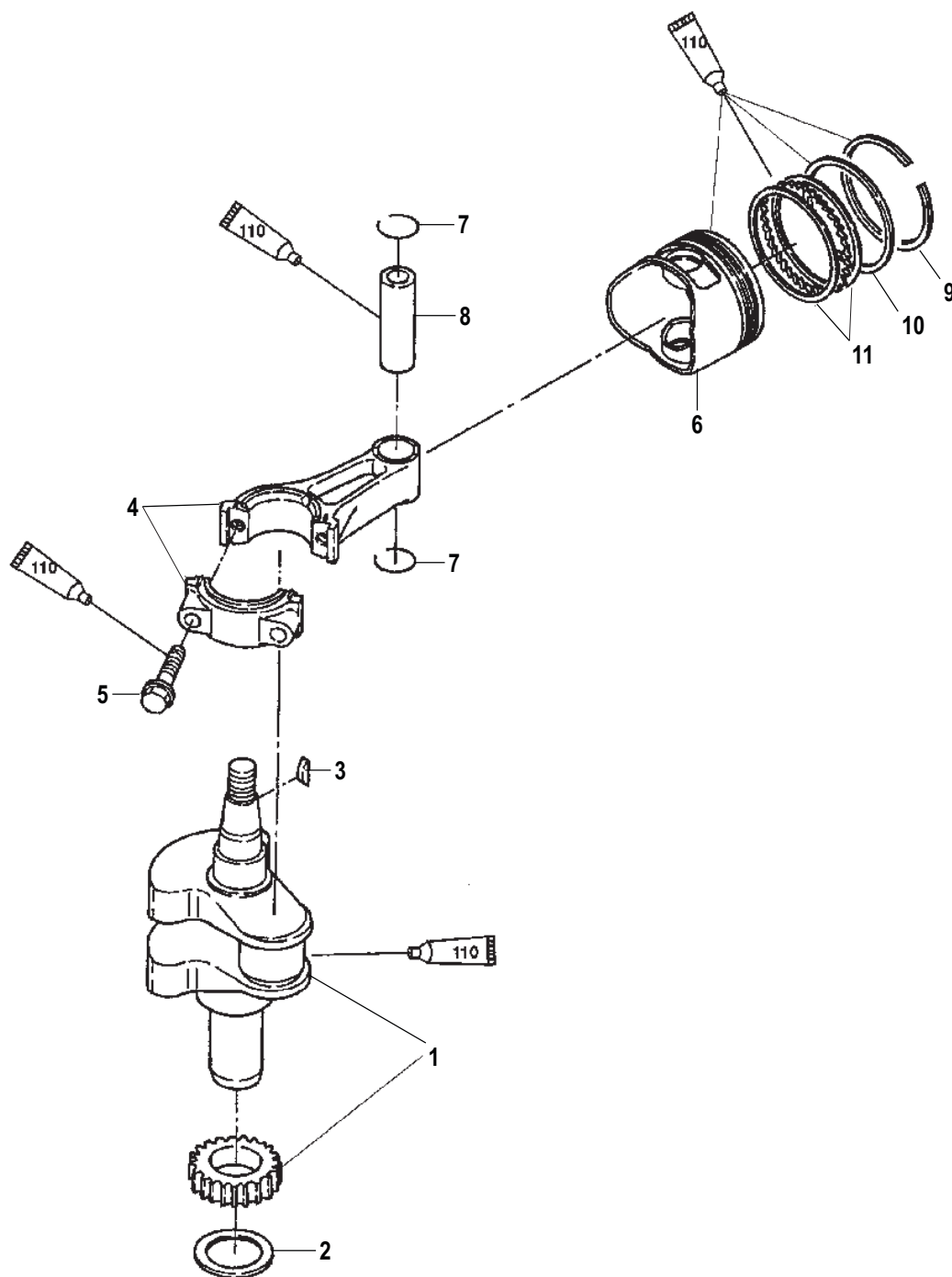
## Cylinder Block

| Ref # | Part Class | Part Number | Description                                             | Comments | Qty | Note |
|-------|------------|-------------|---------------------------------------------------------|----------|-----|------|
| 1     | 0878       | 815013T10   | CYLINDER BLOCK ASSEMBLY                                 |          | 1   | [1]  |
| 2     | 0022       | 878314      | FITTING                                                 |          | 1   | [1]  |
| 3     | 0026       | 803514      | SEAL Oil                                                |          | 1   | [2]  |
| 4     | 0030       | 161324      | BEARING Ball                                            |          | 1   | [1]  |
| 5     | 0000       | 803512      | CAP Filler                                              |          | 1   | [1]  |
| 6     | 0025       | 803513      | O-RING                                                  |          | 1   | [3]  |
| 7     | 0000       | 803511002   | COVER Breather                                          |          | 1   | [1]  |
| 8     | 0027       | 803508021   | GASKET                                                  |          | 1   | [3]  |
| 9     | 0010       | 8230319     | BOLT                                                    |          | 2   | [1]  |
| 10    | 0017       | 804369      | BREATHER TUBE                                           |          | 2   | [1]  |
| 11    | 0012       | 804370      | WASHER                                                  |          | 2   | [1]  |
| 12    | 0032       | 952235      | TUBING                                                  |          | 1   |      |
| 13    | 0054       | 952245      | CLAMP                                                   |          | 2   |      |
| 14    | 0979       | 804767T     | CYLINDER HEAD                                           |          | 1   | [1]  |
| 15    | 0027       | 803508      | GASKET                                                  |          | 1   | [3]  |
| 16    | 0017       | 16119       | PIN Dowel                                               |          | 2   | [1]  |
| 17    | 0027       | 803508012   | GASKET                                                  |          | 1   | [3]  |
| 18    | 0000       | 853705006   | CAP Thermostat                                          |          | 1   | [1]  |
| 19    | 0027       | 853702005   | GASKET                                                  |          | 1   | [3]  |
| 20    | 0000       | 804540      | THERMOSTAT 126 Degrees<br>Fahrenheit/52 Degrees Celsius |          | 1   | [1]  |
| 21    | 0010       | 803509      | BOLT (M8 x 90)                                          |          | 2   | [1]  |
| 22    | 0010       | 8035091     | BOLT (M8 x 60)                                          |          | 2   | [1]  |
| 23    | 0033       | 803507      | SPARK PLUG                                              |          | 1   | [1]  |
| 24    | 0000       | 803510      | COVER                                                   |          | 1   | [1]  |
| 25    | 0027       | 8035082     | GASKET                                                  |          | 1   | [3]  |
| 26    | 0010       | 166954      | BOLT                                                    |          | 4   | [1]  |
| 27    | 0012       | 953921      | WASHER Stainless Steel                                  |          | 4   | [1]  |
| -     | 0027       | 803508T06   | GASKET SET Powerhead                                    |          | 1   |      |
| -     | 0000       | 804797T06   | POWERHEAD ASSEMBLY                                      |          | 1   |      |

## PART NOTES:

- [1] - COMPONENT OF POWERHEAD 804797T06
- [2] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 803508T06
- [3] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 803508T06  
COMPONENT OF POWERHEAD 804797T06

## Crankshaft, Piston and Connecting Rods



8134

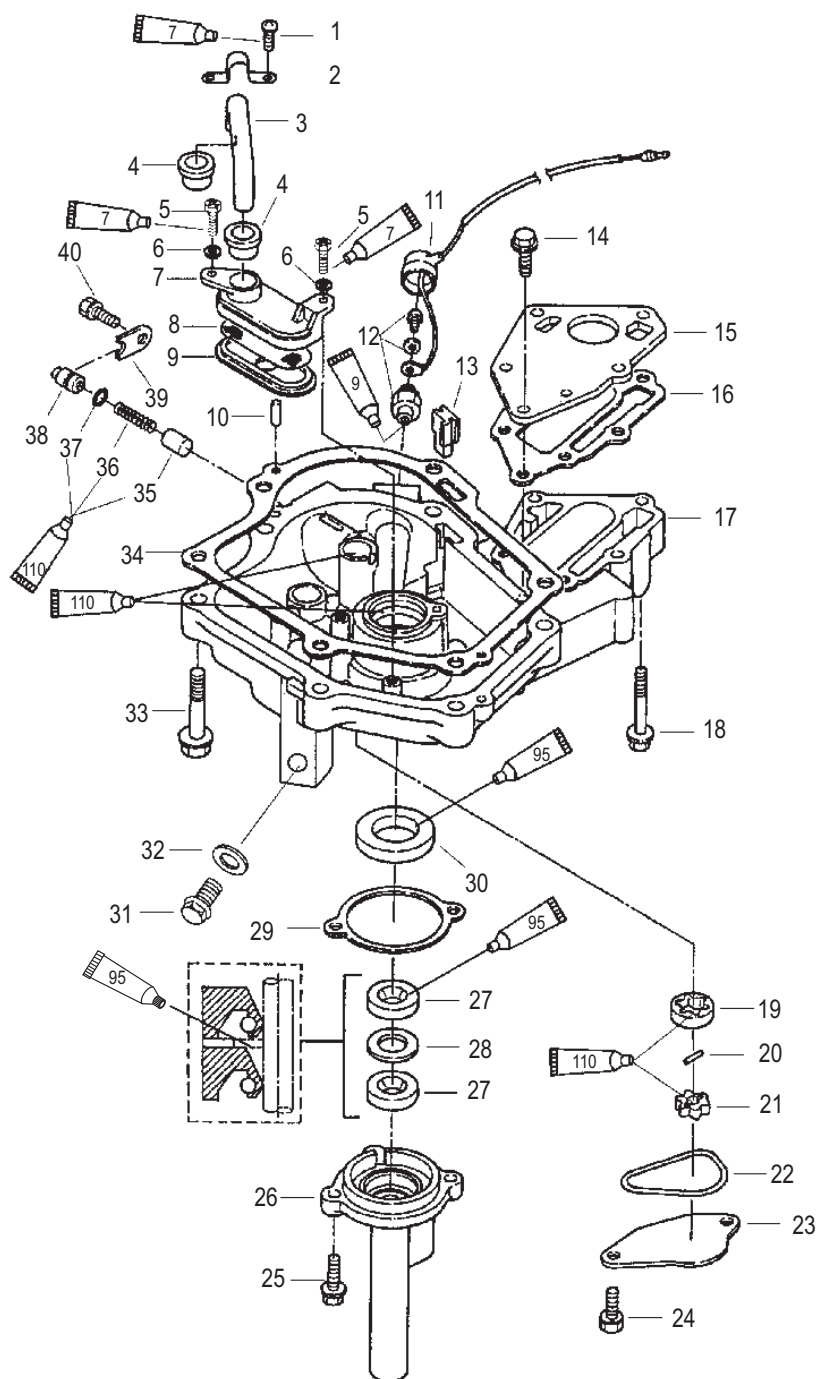
## Crankshaft, Piston and Connecting Rods

| Ref # | Part Class | Part Number | Description                             | Comments       | Qty | Note |
|-------|------------|-------------|-----------------------------------------|----------------|-----|------|
| 1     | 0474       | 803515T     | CRANKSHAFT                              |                | 1   | [1]  |
| 2     | 0012       | 803516      | WASHER                                  |                | 1   | [1]  |
| 3     | 0028       | 16053       | KEY                                     |                | 1   |      |
| 4     | 0629       | 813047A1    | CONNECTING ROD                          |                | 1   | [1]  |
| 5     | 0010       | 8035092     | BOLT                                    |                | 2   | [1]  |
| 6     | 0779       | 804768A03   | PISTON ASSEMBLY                         | Standard       | 1   | [1]  |
| 6     | 0779       | 804768A04   | PISTON ASSEMBLY                         | .5 MM Oversize | 1   |      |
| 7     | 0053       | 160573      | E RING                                  |                | 2   | [1]  |
| 8     | 0041       | 803521      | PIN Piston                              |                | 1   | [1]  |
| 9     | 0039       | 803518T01   | RING SET Piston                         | Standard       | 1   | [1]  |
| 9     | 0039       | 803518T02   | RING SET Piston                         | .5 MM Oversize | AR  |      |
| 10    |            | NSS         | NOT SOLD SEPARATE Piston<br>Ring-Second |                | 1   | [1]  |
| 11    |            | NSS         | NOT SOLD SEPARATE Oil Ring              |                | 1   | [1]  |
| -     | 0000       | 804797T06   | POWERHEAD ASSEMBLY                      |                | 1   |      |

## PART NOTES:

[1] - COMPONENT OF POWERHEAD 804797T06

## Oil Pan



8135

## Oil Pan

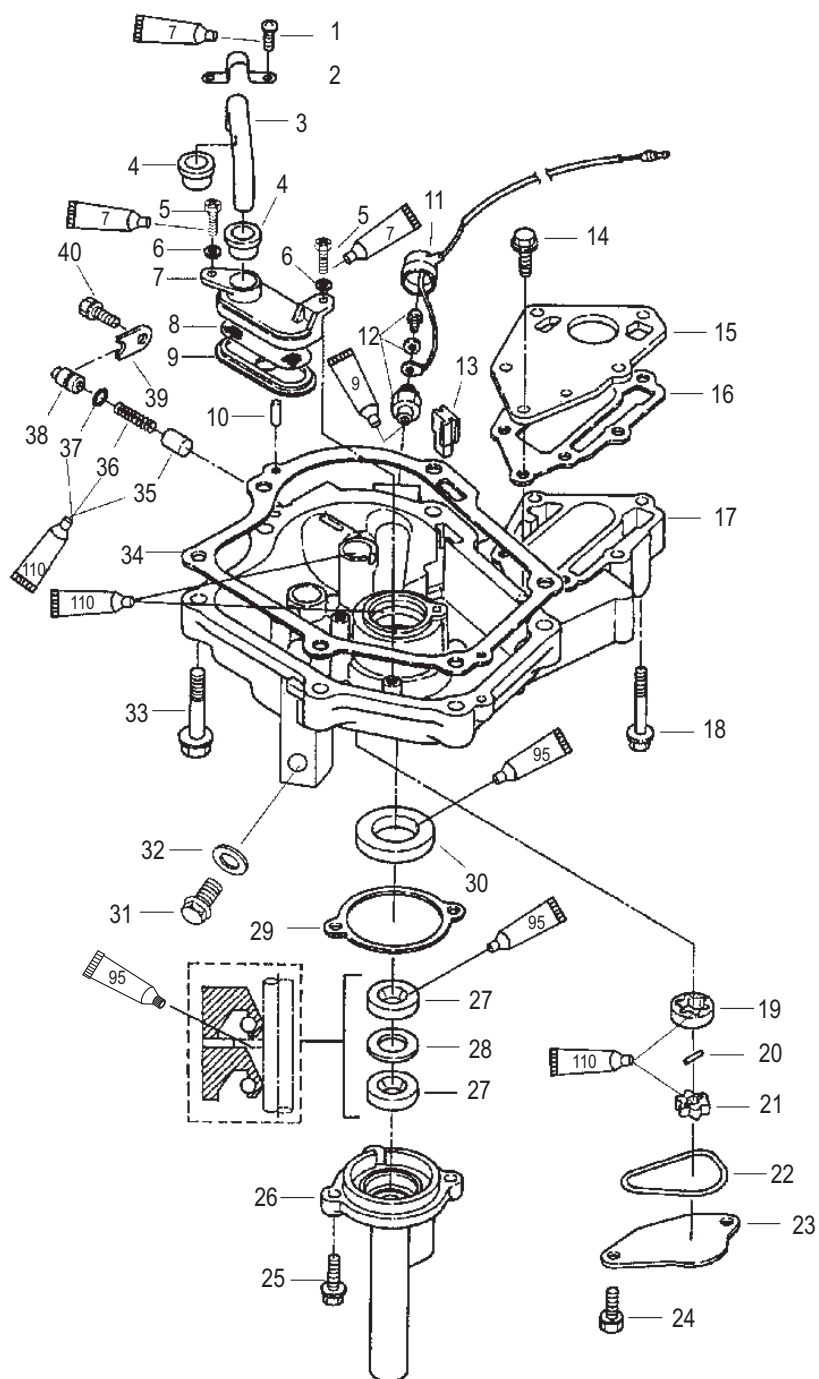
| Ref # | Part Class | Part Number | Description                  | Comments | Qty | Note |
|-------|------------|-------------|------------------------------|----------|-----|------|
| 1     | 0010       | 82303110    | SCREW (M5 x 16)              |          | 1   | [1]  |
| 2     | 0054       | 803543      | STOPPER                      |          | 1   | [1]  |
| 3     | 0032       | 952237      | TUBING                       |          | 1   | [1]  |
| 4     | 0026       | 8035202     | SEAL                         |          | 2   | [1]  |
| 5     | 0010       | 855558      | SCREW (M5 x 16)              |          | 2   | [1]  |
| 6     | 0012       | 160721      | WASHER                       |          | 2   | [1]  |
| 7     | 0000       | 803540      | HOUSING Strainer             |          | 1   | [1]  |
| 8     | 0000       | 803542      | STRAINER                     |          | 1   | [1]  |
| 9     | 0000       | 803541      | CUP                          |          | 1   | [1]  |
| 10    | 0017       | 16119       | PIN Dowel                    |          | 2   | [1]  |
| 11    | 0084       | 803539      | LEAD WIRE                    |          | 1   |      |
| 12    | 0087       | 803538      | SWITCH ASSEMBLY Oil Pressure |          | 1   | [1]  |
| 13    | 0025       | 8035135     | GROMMET                      |          | 1   | [1]  |
| 14    | 0010       | 168305      | BOLT (M6 x 20)               |          | 3   | [1]  |
| 15    | 0000       | 803532001   | PLATE Exhaust                |          | 1   | [1]  |
| 16    | 0027       | 803508015   | GASKET                       |          | 1   | [2]  |
| 17    | 0000       | 803531T01   | PAN Oil                      |          | 1   | [1]  |
| 18    | 0010       | 168306      | BOLT (M6 x 40)               |          | 3   | [1]  |
| 19    | 0000       | 8035331     | ROTOR Outer                  |          | 1   | [1]  |
| 20    | 0017       | 162563      | PIN                          |          | 1   | [1]  |
| 21    | 0000       | 803533      | ROTOR Inner                  |          | 1   | [1]  |
| 22    | 0025       | 803513010   | O-RING                       |          | 1   | [2]  |
| 23    | 0000       | 803534      | COVER                        |          | 1   | [1]  |
| 24    | 0010       | 168287      | BOLT (M6 x 16)               |          | 2   | [1]  |
| 25    | 0010       | 167051      | BOLT (M6 x 20)               |          | 2   | [1]  |
| 26    | 0000       | 8150162     | HOUSING                      |          | 1   | [1]  |
| 27    | 0026       | 16703       | SEAL Oil                     |          | 2   | [1]  |
| 28    | 0023       | 815018      | SPACER                       |          | 1   | [1]  |
| 29    | 0027       | 16704       | GASKET                       |          | 1   | [1]  |
| 30    | 0026       | 8537077     | SEAL Oil                     |          | 1   | [1]  |
| 31    | 0010       | 8035096     | BOLT                         |          | 1   | [1]  |
| 32    | 0012       | 8035161     | WASHER                       |          | 1   | [1]  |
| 33    | 0010       | 8150685     | BOLT (M8 x 40)               |          | 6   | [1]  |
| 34    | 0027       | 803508014   | GASKET                       |          | 1   | [2]  |
| 35    | 0000       | 803535      | CONTROL PLUNGER              |          | 1   | [1]  |
| 36    | 0024       | 8035541     | SPRING                       |          | 1   | [1]  |
| 37    | 0025       | 168231      | O-RING                       |          | 1   | [3]  |
| 38    | 0000       | 803536      | SEAT                         |          | 1   | [1]  |
| 39    | 0000       | 803537      | COVER                        |          | 1   | [1]  |
| 40    | 0010       | 168287      | BOLT (M6 x 16)               |          | 1   | [1]  |
| -     | 0027       | 803508T06   | GASKET SET Powerhead         |          | 1   |      |
| -     | 0000       | 804797T06   | POWERHEAD ASSEMBLY           |          | 1   |      |

## PART NOTES:

- [1] - COMPONENT OF POWERHEAD 804797T06
- [2] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 803508T06  
COMPONENT OF POWERHEAD 804797T06



## Oil Pan



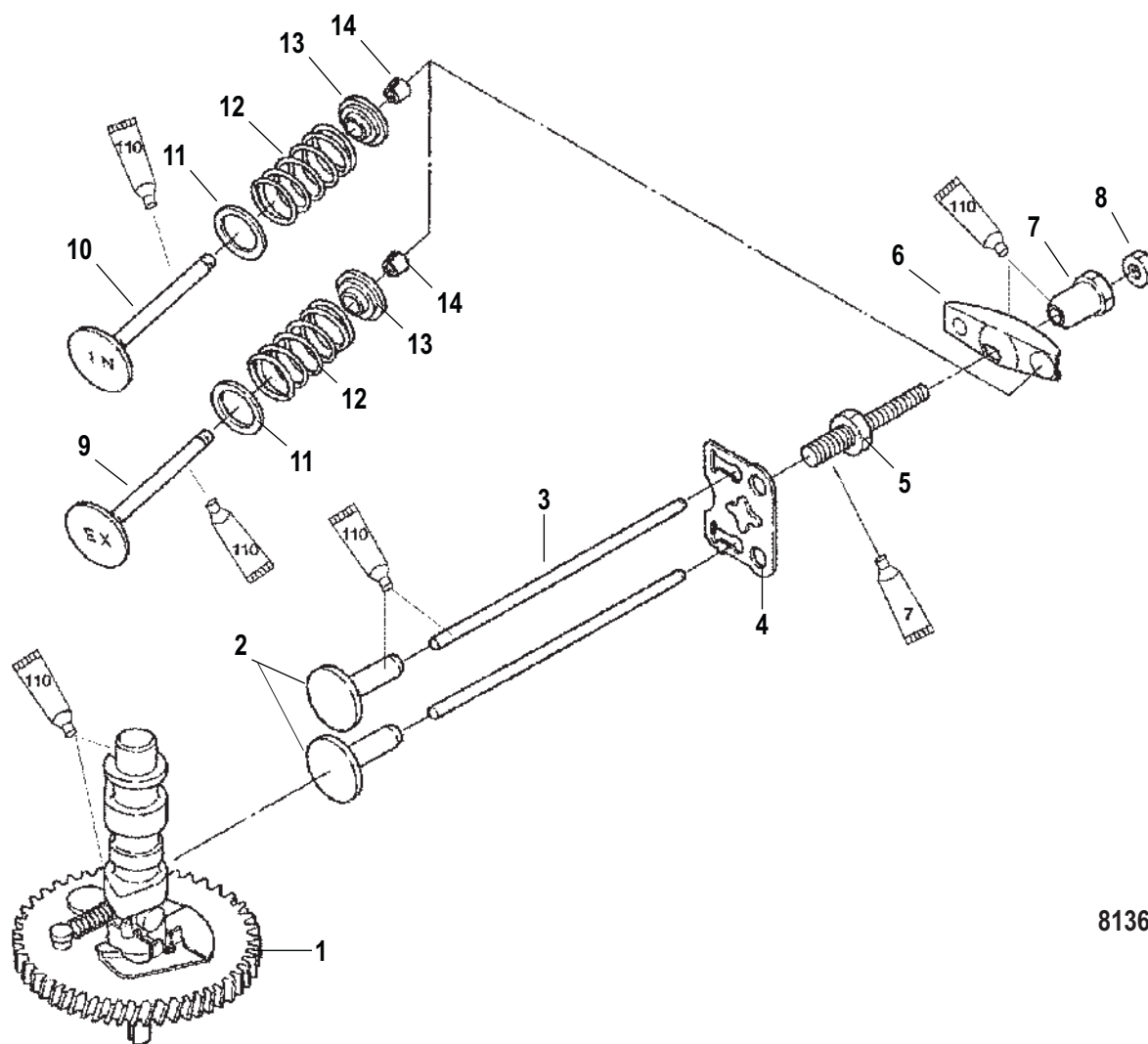
8135

**Cat.# 90-803599006**

## Oil Pan

- [3] - COMPONENT OF POWERHEAD 804797T06  
COMPONENT OF ENGINE/POWERHEAD GASKET SET 803508T06

## Intake/Exhaust Valves



8136

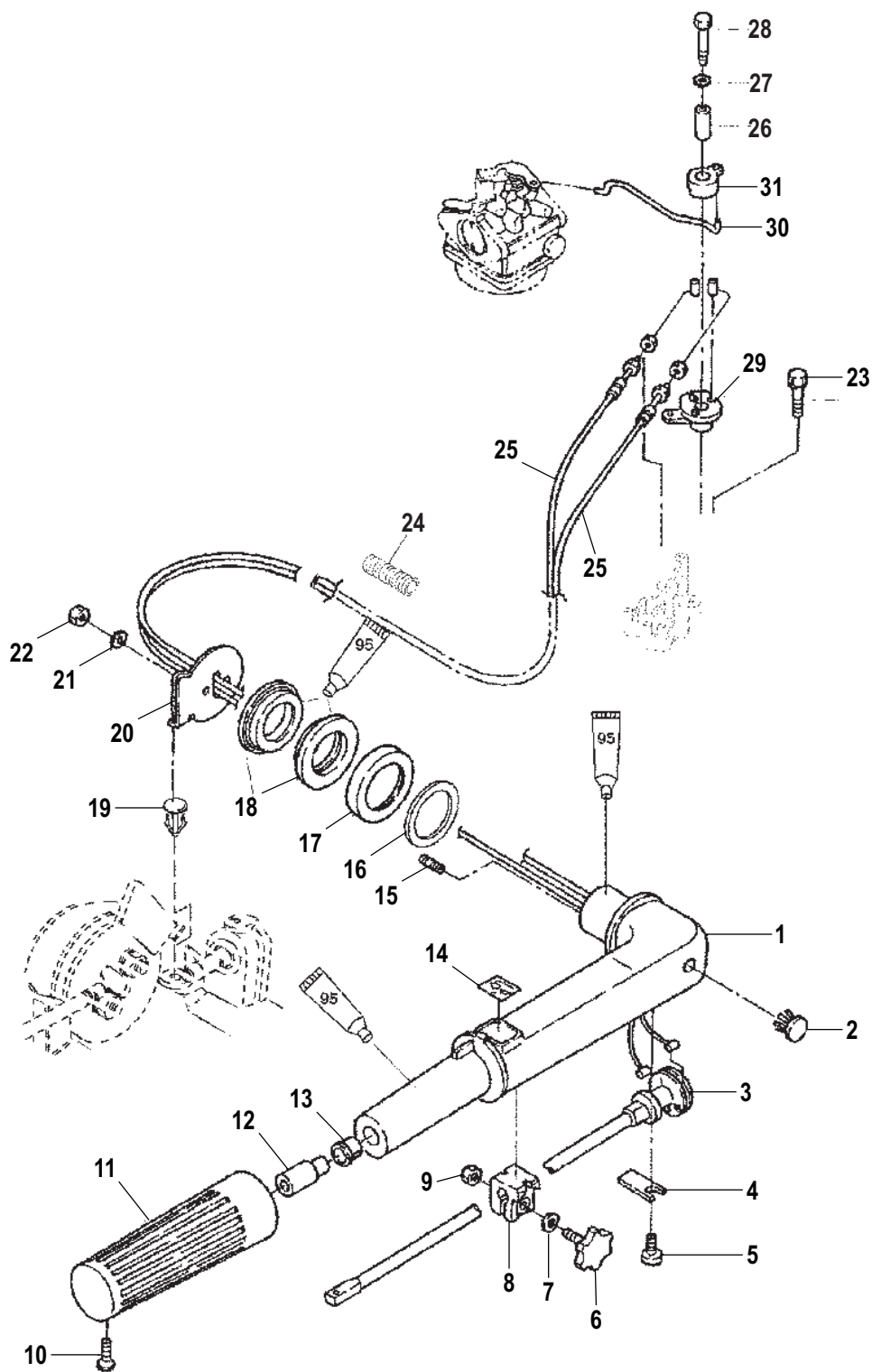
## Intake/Exhaust Valves

| Ref # | Part Class | Part Number | Description        | Comments | Qty | Note |
|-------|------------|-------------|--------------------|----------|-----|------|
| 1     | 0402       | 803545T2    | CAMSHAFT           |          | 1   | [1]  |
| 2     | 0000       | 803546      | LIFTER             |          | 2   | [1]  |
| 3     | 0000       | 803547      | PUSH ROD           |          | 2   | [1]  |
| 4     | 0000       | 803548      | PLATE              |          | 1   | [1]  |
| 5     | 0010       | 8035097     | BOLT               |          | 2   | [1]  |
| 6     | 0000       | 803549      | ROCKER ARM         |          | 2   | [1]  |
| 7     | 0000       | 803550      | PIVOT              |          | 2   | [1]  |
| 8     | 0011       | 803551      | NUT                |          | 2   | [1]  |
| 9     | 0000       | 803553T     | VALVE Exhaust      |          | 1   | [1]  |
| 10    | 0000       | 803552T     | VALVE Intake       |          | 1   | [1]  |
| 11    | 0000       | 803598      | SEAT               |          | 2   | [1]  |
| 12    | 0024       | 8035544     | SPRING             |          | 2   | [1]  |
| 13    | 0000       | 803555      | RETAINER           |          | 2   | [1]  |
| 14    | 0028       | 803556      | KEEPER Valve       |          | 4   | [1]  |
| -     | 0000       | 804797T06   | POWERHEAD ASSEMBLY |          | 1   |      |

## PART NOTES:

[1] - COMPONENT OF POWERHEAD 804797T06

## Steering Handle

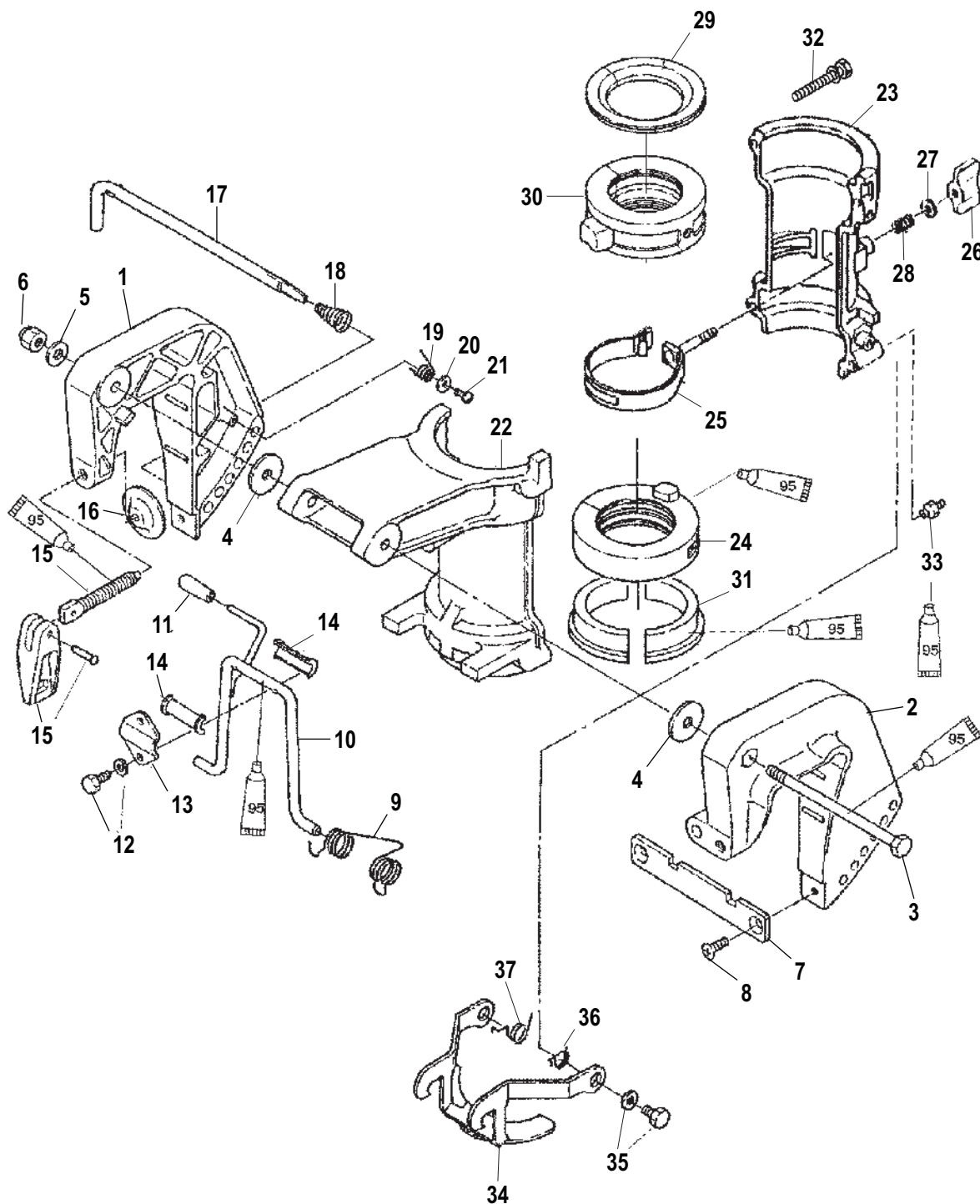


14518

## Steering Handle

| Ref # | Part Class | Part Number | Description              | Comments | Qty | Note |
|-------|------------|-------------|--------------------------|----------|-----|------|
| -     | 0000       | 803565T1    | HANDLE KIT Steering      |          | 1   |      |
| 1     | 0000       | 803565T     | HANDLE Steering          |          | 1   |      |
| 2     | 0017       | 16085       | PIN                      |          | 1   |      |
| 3     | 0000       | 16093       | SHAFT Throttle           |          | 1   |      |
| 4     | 0000       | 16338       | BRACKET                  |          | 1   |      |
| 5     | 0010       | 16827       | SCREW                    |          | 1   |      |
| 6     | 0010       | 16087       | SCREW Adjusting          |          | 1   |      |
| 7     | 0012       | 16826       | WASHER Stainless Steel   |          | 1   |      |
| 8     | 0000       | 813026      | FRICTION PIECE           |          | 1   |      |
| 9     | 0011       | 400212      | NUT (M6) Stainless Steel |          | 1   |      |
| 10    | 0010       | 16094       | SCREW                    |          | 1   |      |
| 11    | 0000       | 16086       | GRIP                     |          | 1   |      |
| 12    | 0000       | 803569      | SHAFT Rubber             |          | 1   |      |
| 13    | 0023       | 8035671     | BUSHING                  |          | 1   |      |
| 14    | 0037       | 16090       | DECAL                    |          | 1   |      |
| 15    | 0016       | 815028      | STUD BOLT                |          | 2   |      |
| 16    | 0012       | 804508      | WASHER                   |          | 1   |      |
| 17    | 0023       | 803566      | SPACER                   |          | 1   |      |
| 18    | 0023       | 803567      | BUSHING                  |          | 2   |      |
| 19    | 0017       | 16085       | PIN                      |          | 1   |      |
| 20    | 0000       | 8035681     | STOPPER                  |          | 1   |      |
| 21    | 0013       | 400256      | LOCKWASHER (M6)          |          | 2   |      |
| 22    | 0011       | 400212      | NUT (M6) Stainless Steel |          | 2   |      |
| 23    | 0010       | 82304235    | BOLT (M6 x 45)           |          | 2   |      |
| 24    | 0023       | 803564      | PROTECTIVE SLEEVE        |          | 1   |      |
| 25    | 0084       | 803570001   | WIRE Throttle            |          | 1   |      |
| 26    | 0023       | 803573      | COLLAR                   |          | 1   |      |
| 27    | 0012       | 953921      | WASHER Stainless Steel   |          | 1   |      |
| 28    | 0010       | 82304220    | BOLT ASSEMBLY (M6 x 35)  |          | 1   |      |
| 29    | 0000       | 803571      | DRUM Throttle            |          | 1   |      |
| 30    | 0000       | 803574      | ROD Throttle             |          | 1   |      |
| 31    | 0000       | 803572      | OPENER Throttle          |          | 1   |      |

## Clamp Brackets



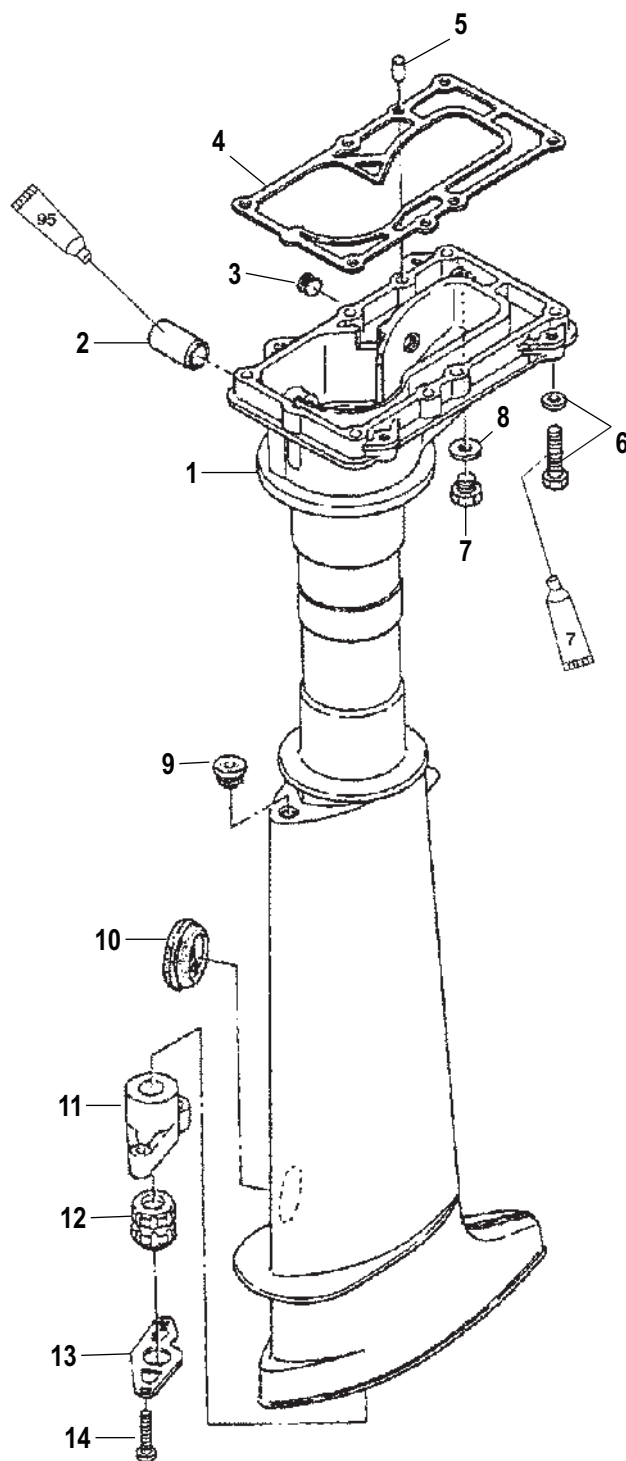
14521

## Clamp Brackets

| Ref # | Part Class | Part Number | Description             | Comments | Qty | Note |
|-------|------------|-------------|-------------------------|----------|-----|------|
| 1     | 3406       | 9622T6      | CLAMP BRACKET Starboard |          | 1   |      |
| 2     | 3406       | 96231       | CLAMP BRACKET Port      |          | 1   |      |
| 3     | 0010       | 95373       | BOLT                    |          | 1   |      |
| 4     | 0012       | 95375       | WASHER                  |          | 2   |      |
| 5     | 0012       | 16192       | WASHER                  |          | 1   |      |
| 6     | 0011       | 815088      | NUT (M8)                |          | 1   |      |
| 7     | 0000       | 161931      | DISTANCE PLATE          |          | 1   |      |
| 8     | 0010       | 16194       | SCREW                   |          | 2   |      |
| 9     | 0024       | 16212       | SPRING                  |          | 1   |      |
| 10    | 0000       | 825112A3    | STOPPER ASSEMBLY Tilt   |          | 1   |      |
| 11    | 0000       | 162081      | GRIP                    |          | 1   |      |
| 12    | 0010       | 162111      | BOLT                    |          | 2   |      |
| 13    | 0000       | 16210       | SET PLATE               |          | 1   |      |
| 14    | 0000       | 825113      | BUSHING                 |          | 2   |      |
| 15    | 0010       | 16200       | CLAMP SCREW ASSEMBLY    |          | 2   |      |
| 16    | 0012       | 95379       | PAD                     |          | 2   |      |
| 17    | 0000       | 16198       | THRUST ROD              |          | 1   |      |
| 18    | 0024       | 8150931     | SPRING                  |          | 1   |      |
| 19    | 0024       | 161951      | SPRING                  |          | 1   |      |
| 20    | 0012       | 16197       | WASHER                  |          | 1   |      |
| 21    | 0010       | 16196       | SCREW                   |          | 1   |      |
| 22    | 3407       | 813029T9    | SWIVEL BRACKET Front    |          | 1   |      |
| 23    | 3407       | 883300T     | SWIVEL BRACKET Rear     |          | 1   |      |
| 24    | 0023       | 8035674     | BUSHING Lower           |          | 1   |      |
| 25    | 0000       | 883301      | FRICTION BAND           |          | 1   |      |
| 26    | 0011       | 883302      | WING NUT                |          | 1   |      |
| 27    | 0012       | 953921      | WASHER Stainless Steel  |          | 1   |      |
| 28    | 0024       | 953839      | SPRING                  |          | 1   |      |
| 29    | 0000       | 803582      | THRUST PLATE            |          | 1   |      |
| 30    | 0023       | 8035672     | BUSHING Upper           |          | 1   |      |
| 31    | 0000       | 8035821     | THRUST PLATE            |          | 2   |      |
| 32    | 0010       | 82304222    | BOLT Stainless Steel    |          | 4   |      |
| 33    | 0022       | 824969      | FITTING Grease          |          | 2   |      |
| 34    | 0000       | 162133      | ARM Reverse Lock        |          | 1   |      |
| 35    | 0010       | 82304223    | BOLT                    |          | 2   |      |
| 36    | 0024       | 16216       | SPRING                  |          | 1   |      |
| 37    | 0024       | 16215       | SPRING                  |          | 1   |      |



## Driveshaft Housing



8139

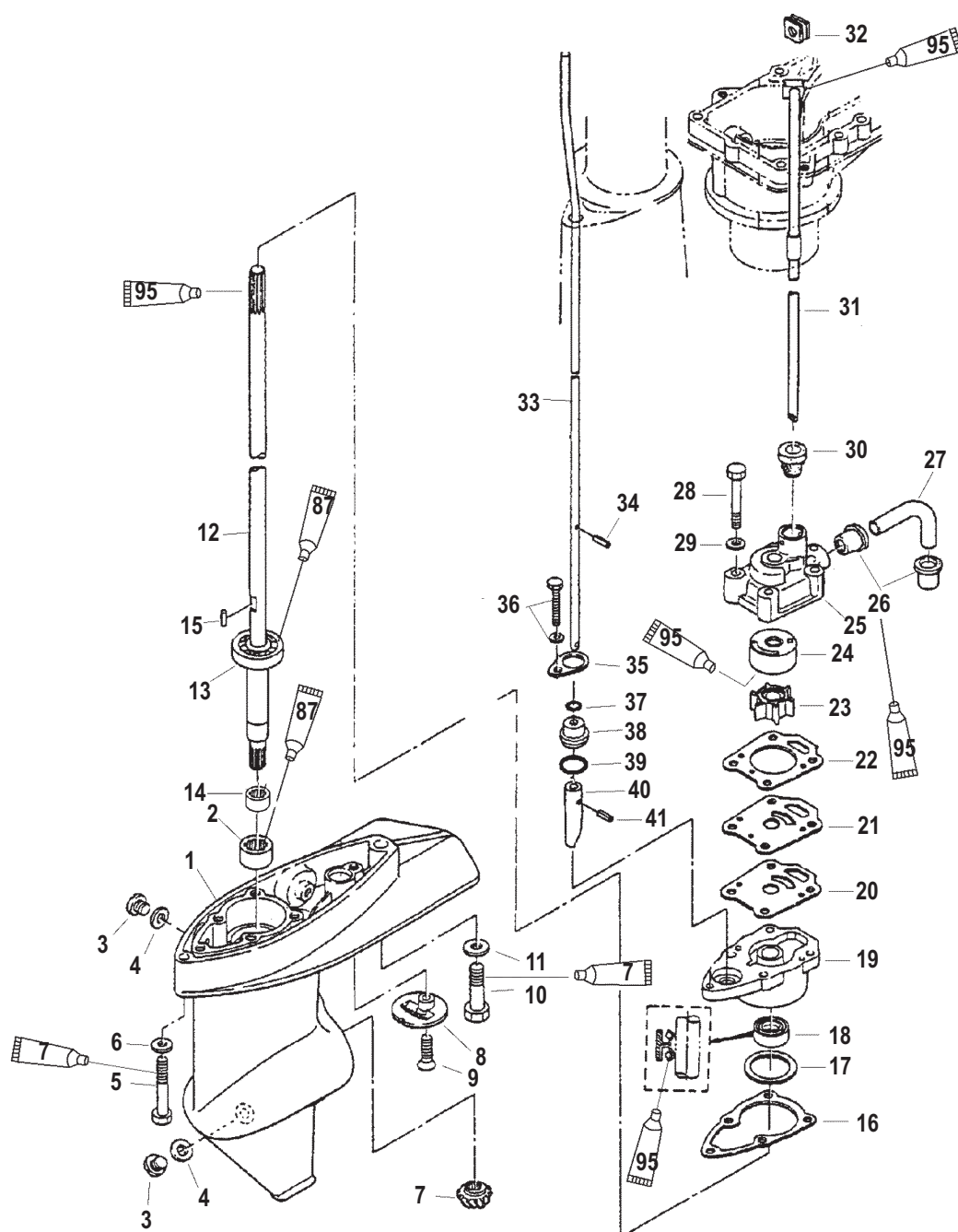
## Driveshaft Housing

| Ref # | Part Class | Part Number | Description               | Comments | Qty | Note |
|-------|------------|-------------|---------------------------|----------|-----|------|
| 1     | 1599       | 803591T1    | HOUSING Driveshaft        | Short    | 1   |      |
| 1     | 1599       | 803591T2    | HOUSING Driveshaft        | Long     | 1   |      |
| 2     | 0023       | 16114       | BUSHING                   |          | 1   |      |
| 3     | 0019       | 803593      | PLUG                      |          | 1   |      |
| 4     | 0027       | 803508016   | GASKET Driveshaft Housing |          | 1   | [1]  |
| 5     | 0017       | 16119       | PIN Dowel                 |          | 2   |      |
| 6     | 0010       | 82304224    | BOLT                      |          | 6   |      |
| 7     | 0019       | 803592      | FLUSH PLUG                |          | 1   |      |
| 8     | 0027       | 95220       | GASKET                    |          | 1   |      |
| 9     | 0025       | 161181      | GROMMET                   |          | 1   |      |
| 10    | 0025       | 16117       | GROMMET                   |          | 1   |      |
| 11    | 0000       | 827663A1    | HOUSING ASSEMBLY          |          | 1   |      |
| 12    | 0023       | 811214      | BUSHING                   | Long     | 1   |      |
| 13    | 0000       | 16121       | RETAINER                  |          | 1   |      |
| 14    | 0010       | 16122       | SCREW                     | Short    | 2   |      |
| 14    | 0010       | 16123       | SCREW (25 mm)             | Long     | 2   |      |
| -     | 0027       | 803508T06   | GASKET SET Powerhead      |          | 1   |      |

## PART NOTES:

[1] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 803508T06

## Gear Housing Driveshaft



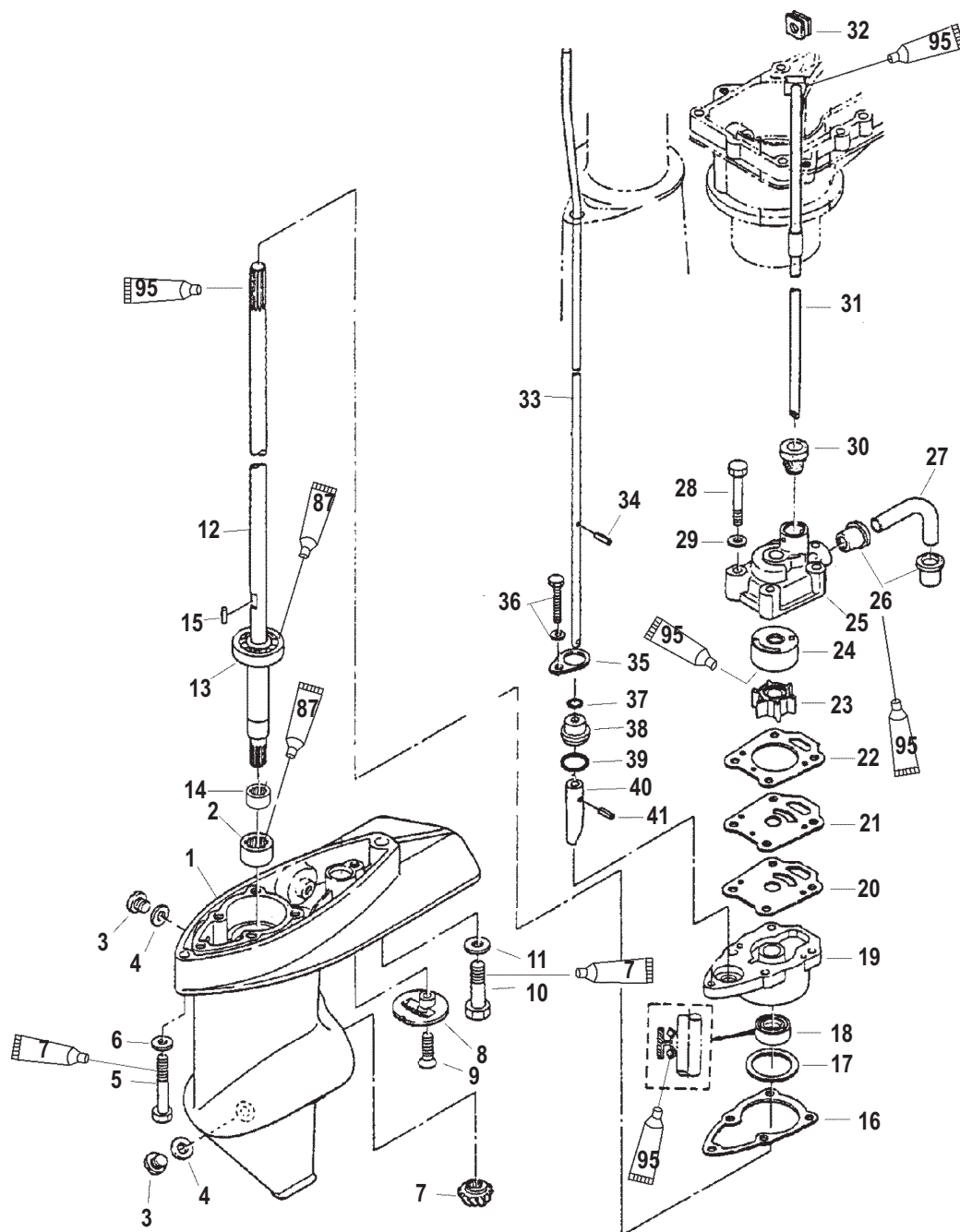
8140

## Gear Housing Driveshaft

| Ref # | Part Class | Part Number | Description                    | Comments           | Qty | Note |
|-------|------------|-------------|--------------------------------|--------------------|-----|------|
| -     | 1668       | 825132T15   | GEAR HOUSING ASSEMBLY Complete | Short              | 1   |      |
| -     | 1668       | 825132T16   | GEAR HOUSING ASSEMBLY Complete | Long               | 1   |      |
| -     | 1668       | 9621T5      | GEAR HOUSING ASSEMBLY Complete | Sailpower/Sailmate | 1   |      |
| 1     | 1668       | 825132T17   | GEAR HOUSING ASSEMBLY Basic    |                    | 1   |      |
| 1     | 1668       | 9621T6      | GEAR HOUSING ASSEMBLY Basic    | Sailpower/Sailmate | 1   |      |
| 2     | 0023       | 16124       | BUSHING                        |                    | 1   |      |
| 3     | 0022       | 953683      | PLUG                           |                    | 2   |      |
| 4     | 0027       | 95220       | GASKET                         |                    | 2   | [1]  |
| 5     | 0010       | 161251      | BOLT                           |                    | 1   |      |
| 6     | 0012       | 16826       | WASHER Stainless Steel         |                    | 1   |      |
| 7     | 0043       | 16138       | GEAR                           |                    | 1   |      |
| 8     | 0000       | 16133       | STRAINER Water                 |                    | 1   |      |
| 9     | 0010       | 16134       | SCREW                          |                    | 1   |      |
| 10    | 0010       | 16126       | BOLT                           |                    | 1   |      |
| 11    | 0012       | 16192       | WASHER                         |                    | 1   |      |
| 12    | 0045       | 161351      | DRIVESHAFT                     | Short              | 1   |      |
| 12    | 0045       | 161361      | DRIVESHAFT                     | Long               | 1   |      |
| 13    | 0030       | 95347       | BEARING                        |                    | 1   |      |
| 14    |            | NSS         | NOT SOLD SEPARATE              | Spacer             | 1   |      |
| 15    | 0028       | 16155       | KEY                            |                    | 1   | [2]  |
| 16    | 0027       | 16164003    | GASKET                         |                    | 1   | [3]  |
| 17    | 0015       | 161631      | SHIM (0.1)                     |                    | AR  |      |
| 17    | 0015       | 8132761     | SHIM (0.15)                    |                    | AR  |      |
| 18    | 0026       | 16162       | SEAL Oil                       |                    | 1   | [1]  |
| 19    | 0046       | 826053T     | HOUSING                        |                    | 1   |      |
| 20    | 0027       | 16160004    | GASKET                         |                    | 1   | [3]  |
| 21    | 0000       | 16159       | PLATE                          |                    | 1   | [2]  |
| 22    | 0027       | 16158009    | GASKET                         |                    | 1   | [3]  |
| 23    | 0047       | 161543      | IMPELLER                       |                    | 1   | [2]  |
| 24    | 0000       | 16157       | LINER                          |                    | 1   | [2]  |
| 25    | 0046       | 16156       | HOUSING Upper Water Pump       |                    | 1   |      |
| 26    | 0026       | 16168       | SEAL                           |                    | 2   |      |
| 27    | 0032       | 16167       | HOSE                           |                    | 1   |      |
| 28    | 0010       | 161251      | BOLT                           |                    | 4   | [2]  |
| 29    | 0012       | 16826       | WASHER Stainless Steel         |                    | 4   | [2]  |
| 30    | 0026       | 16171       | SEAL                           |                    | 1   |      |
| 31    | 0032       | 16169       | TUBE Water                     | Short              | 1   |      |
| 31    | 0032       | 16170       | TUBE Water                     | Long               | 1   |      |
| 32    | 0025       | 18876       | GROMMET                        |                    | 1   |      |
| 33    | 0000       | 16173       | CAM ROD                        | Short              | 1   |      |
| 33    | 0000       | 16174       | CAM ROD                        | Long               | 1   |      |
| 34    | 0017       | 16179       | PIN                            |                    | 1   |      |

## Gear Housing Driveshaft

## Gear Housing Driveshaft



8140

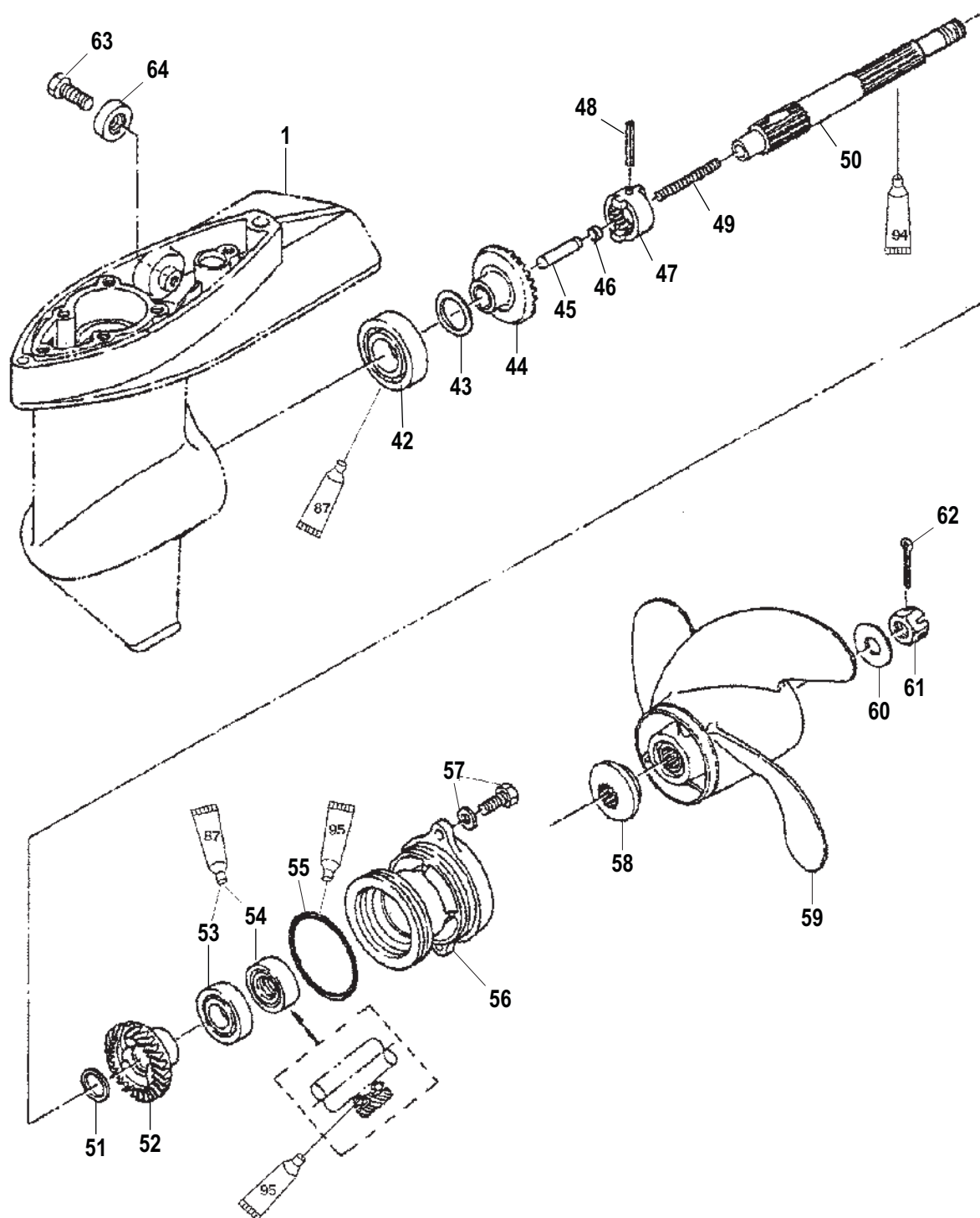
## Gear Housing Driveshaft

| Ref # | Part Class | Part Number | Description           | Comments | Qty | Note |
|-------|------------|-------------|-----------------------|----------|-----|------|
| 35    | 0000       | 16165       | RETAINER              |          | 1   |      |
| 36    | 0010       | 823042      | BOLT                  |          | 1   |      |
| 37    | 0025       | 161771      | O-RING                |          | 1   | [1]  |
| 38    | 0023       | 16176       | BUSHING               |          | 1   |      |
| 39    | 0025       | 16178       | O-RING                |          | 1   | [1]  |
| 40    | 0000       | 16172       | CAM                   |          | 1   |      |
| 41    | 0017       | 16175       | PIN                   |          | 1   |      |
| -     | 0000       | 16159A1     | REPAIR KIT Water Pump |          | 1   |      |
| -     | 0027       | 95220A2     | SEAL KIT Gear Housing |          | 1   |      |

**PART NOTES:**

- [1] - COMPONENT OF GEAR HOUSING SEAL KIT 95220A 2
- [2] - COMPONENT OF WATER PUMP REPAIR KIT 16159A 1
- [3] - COMPONENT OF GEAR HOUSING SEAL KIT 95220A 2  
COMPONENT OF WATER PUMP REPAIR KIT 16159A 1

## Gear Housing Propeller Shaft



1620

## Gear Housing Propeller Shaft

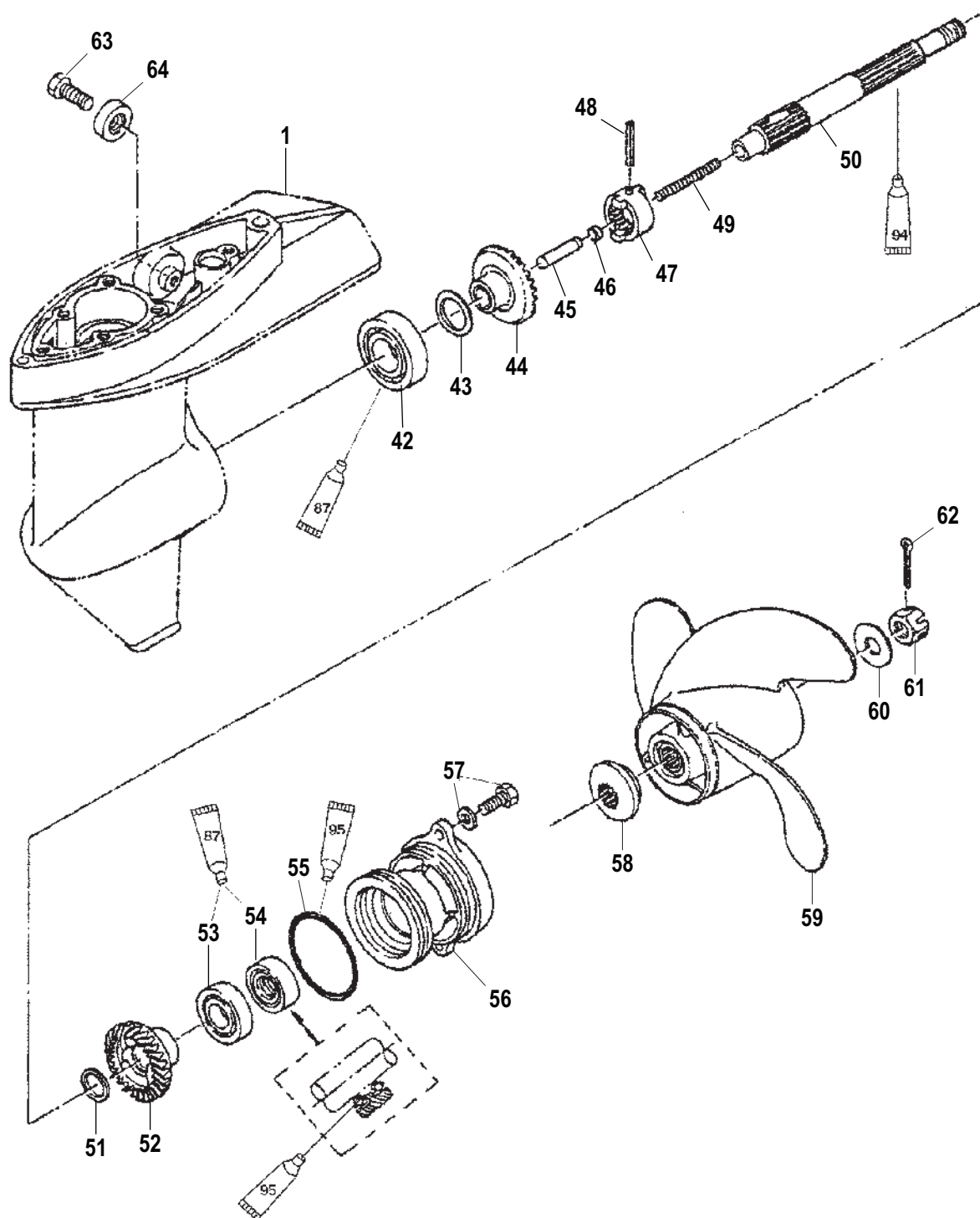
| Ref # | Part Class | Part Number | Description                    | Comments                            | Qty | Note |
|-------|------------|-------------|--------------------------------|-------------------------------------|-----|------|
| -     | 1668       | 825132T15   | GEAR HOUSING ASSEMBLY Complete | Short                               | 1   |      |
| -     | 1668       | 825132T16   | GEAR HOUSING ASSEMBLY Complete | Long                                | 1   |      |
| -     | 1668       | 9621T5      | GEAR HOUSING ASSEMBLY Complete | Sailpower/Sailmate                  | 1   |      |
| 1     | 1668       | 825132T17   | GEAR HOUSING ASSEMBLY          |                                     | 1   |      |
| 1     | 1668       | 9621T6      | GEAR HOUSING ASSEMBLY Basic    | Sailpower/Sailmate                  | 1   |      |
| 42    | 0030       | 16128       | BEARING Ball                   |                                     | 1   |      |
| 43    | 0015       | 16141       | SHIM (0.1)                     |                                     | AR  |      |
| 43    | 0015       | 813277      | SHIM (0.15)                    |                                     | AR  |      |
| 44    | 0043       | 812944      | GEAR                           |                                     | 1   |      |
| 45    | 0000       | 16152       | FOLLOWER Cam                   |                                     | 1   |      |
| 46    | 0000       | 16153       | RETAINER                       |                                     | 1   |      |
| 47    | 0052       | 812946      | CLUTCH                         |                                     | 1   |      |
| 48    | 0017       | 16150       | PIN Clutch                     |                                     | 1   |      |
| 49    | 0024       | 17667       | SPRING                         |                                     | 1   |      |
| 50    | 0044       | 195133      | PROPELLER SHAFT                |                                     | 1   |      |
| 51    | 0012       | 16140       | WASHER                         |                                     | 1   |      |
| 52    | 0043       | 8129451     | GEAR Reverse                   |                                     | 1   |      |
| 53    | 0030       | 16132       | BEARING Ball                   |                                     | 1   |      |
| 54    | 0026       | 16130       | SEAL Oil                       |                                     | 1   | [1]  |
| 55    | 0025       | 16131       | O-RING                         |                                     | 1   | [1]  |
| 56    | 0000       | 825118T     | HOUSING                        |                                     | 1   |      |
| 57    | 0010       | 8230424     | BOLT                           |                                     | 2   |      |
| 58    | 0000       | 16145Q01    | THRUST WASHER                  |                                     | 1   |      |
| 59    | 0048       | 16144       | PROPELLER                      | 6 Pitch                             | OPT |      |
| 59    | 0048       | 812951A1    | PROPELLER                      | 6 Pitch - Sailboat                  | OPT |      |
| 59    | 0048       | 812949002   | PROPELLER                      | 7 Pitch - 4 Horsepower - Standard   | 1   |      |
| 59    | 0048       | 812950002   | PROPELLER                      | 8 Pitch - 5/6 Horsepower - Standard | 1   |      |
| 59    | 0048       | 812950A1    | PROPELLER                      | 9 Pitch                             | OPT |      |
| 60    | 0012       | 16146       | WASHER                         |                                     | 1   | [2]  |
| 61    | 0011       | 16147       | PROP NUT                       |                                     | 1   | [3]  |
| 62    | 0018       | 815026      | COTTER PIN                     |                                     | 1   | [4]  |
| 63    | 0010       | 16832       | BOLT (M6 x 16)                 |                                     | 1   |      |
| 64    | 0097       | 875208      | ANODE (Square)                 |                                     | 1   |      |
| 64    | 0097       | 823912      | ANODE (Round)                  |                                     | 1   |      |
| -     | 0027       | 95220A2     | SEAL KIT Gear Housing          |                                     | 1   |      |

## PART NOTES:

- [1] - COMPONENT OF GEAR HOUSING SEAL KIT 95220A 2
- [2] - Alternate part numbers:
- 16146Service Part
- 16146QQS



## Gear Housing Propeller Shaft



1620

## **Gear Housing Propeller Shaft**

[3] - Alternate part numbers:

16147Service Part

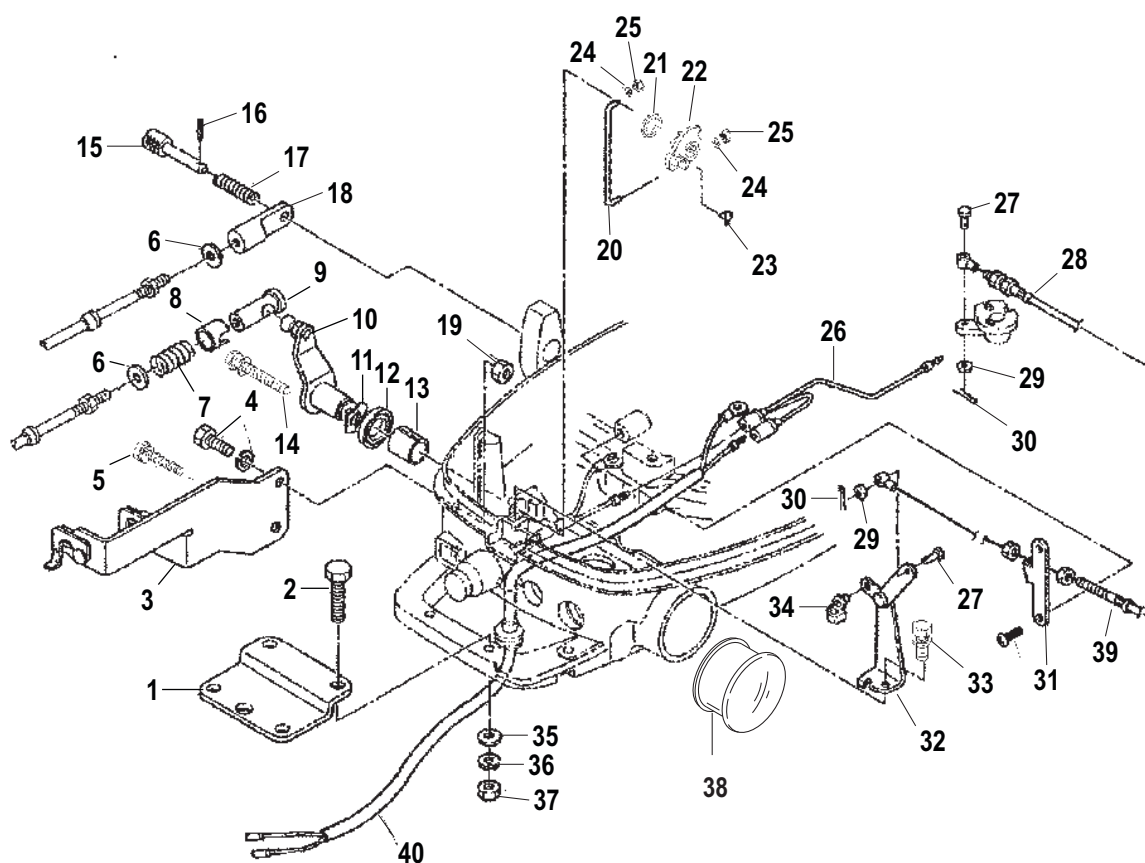
16147QQS

[4] - Alternate part numbers:

815026Service Part

815026QQS

## Remote Control Attaching Kit

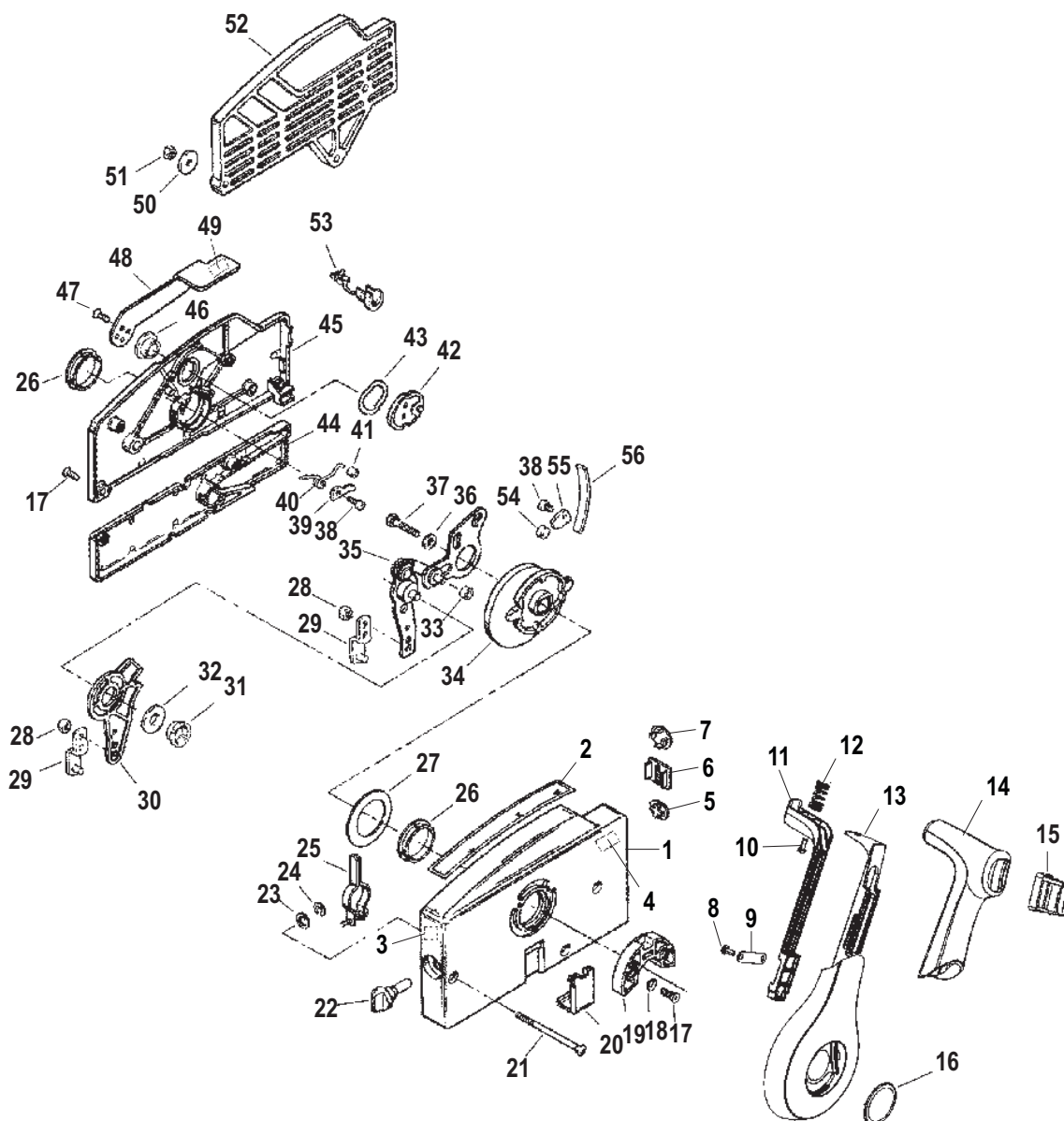


1232

## Remote Control Attaching Kit

| Ref # | Part Class | Part Number | Description                  | Comments | Qty | Note |
|-------|------------|-------------|------------------------------|----------|-----|------|
| -     | 0000       | 803583A4    | ATTACHING KIT Remote Control |          | 1   |      |
| 1     | 0000       | 170242      | PLATE Steering Hook          |          | 1   |      |
| 2     | 0010       | 4000354     | SCREW (M8 x 30)              |          | 2   |      |
| 3     | 0000       | 17023       | BRACKET                      |          | 1   |      |
| 4     | 0010       | 8230421     | BOLT                         |          | 1   |      |
| 5     | 0010       | 162233      | SCREW                        |          | 1   |      |
| 6     | 0012       | 17029       | WASHER                       |          | 2   |      |
| 7     | 0024       | 17028       | SPRING                       |          | 1   |      |
| 8     | 0000       | 17027       | CAP                          |          | 1   |      |
| 9     | 0000       | 17026       | BRACKET                      |          | 1   |      |
| 10    | 0000       | 804357      | LEVER ASSEMBLY Throttle      |          | 1   |      |
| 11    | 0013       | 16221       | WAVE WASHER                  |          | 1   |      |
| 12    | 0026       | 16219       | SEAL                         |          | 1   |      |
| 13    | 0023       | 16220       | BUSHING                      |          | 1   |      |
| 14    | 0010       | 162232      | BOLT                         |          | 1   |      |
| 15    | 0017       | 17031       | PIN Lock                     |          | 1   |      |
| 16    | 0017       | 17033       | PIN                          |          | 1   |      |
| 17    | 0024       | 17032       | SPRING                       |          | 1   |      |
| 18    | 0000       | 17030       | SLEEVE                       |          | 1   |      |
| 19    | 0011       | 400212      | NUT (M6) Stainless Steel     |          | 2   |      |
| 20    | 0000       | 803584      | ROD Throttle Link            |          | 1   |      |
| 21    | 0023       | 16849       | COLLAR                       |          | 1   |      |
| 22    | 0000       | 803585      | LEVER Throttle Link          |          | 1   |      |
| 23    | 0011       | 804993A1    | NUT KIT                      |          | 1   |      |
| 24    | 0012       | 804992      | WASHER                       |          | 2   |      |
| 25    | 0011       | 804993      | WASHER                       |          | 2   |      |
| 26    | 0084       | 17035       | HARNESS ASSEMBLY             |          | 1   |      |
| 27    | 0017       | 803588      | PIN                          |          | 2   |      |
| 28    | 0084       | 803587      | CABLE Throttle               |          | 1   |      |
| 29    | 0012       | 16335       | WASHER                       |          | 2   |      |
| 30    | 0018       | 16189       | COTTER PIN                   |          | 2   |      |
| 31    | 0000       | 803590      | BRACKET                      |          | 1   |      |
| 32    | 0000       | 803589      | LINK Throttle                |          | 1   |      |
| 33    | 0010       | 16223       | BOLT (M6 x 14)               |          | 1   |      |
| 34    | 0000       | 16333       | ROD Snap                     |          | 1   |      |
| 35    | 0012       | 16192       | WASHER                       |          | 2   |      |
| 36    | 0013       | 400256      | LOCKWASHER (M6)              |          | 2   |      |
| 37    | 0011       | 400213      | NUT (M8) Stainless Steel     |          | 2   |      |
| 38    | 0025       | 885154      | GROMMET                      |          | 1   |      |
| 39    | 0010       | 855544      | SCREW ASSEMBLY               |          | 2   |      |
| 40    | 0084       | 17162       | HARNESS ASSEMBLY             |          | 1   |      |

## Remote Control 4000 Side Mount



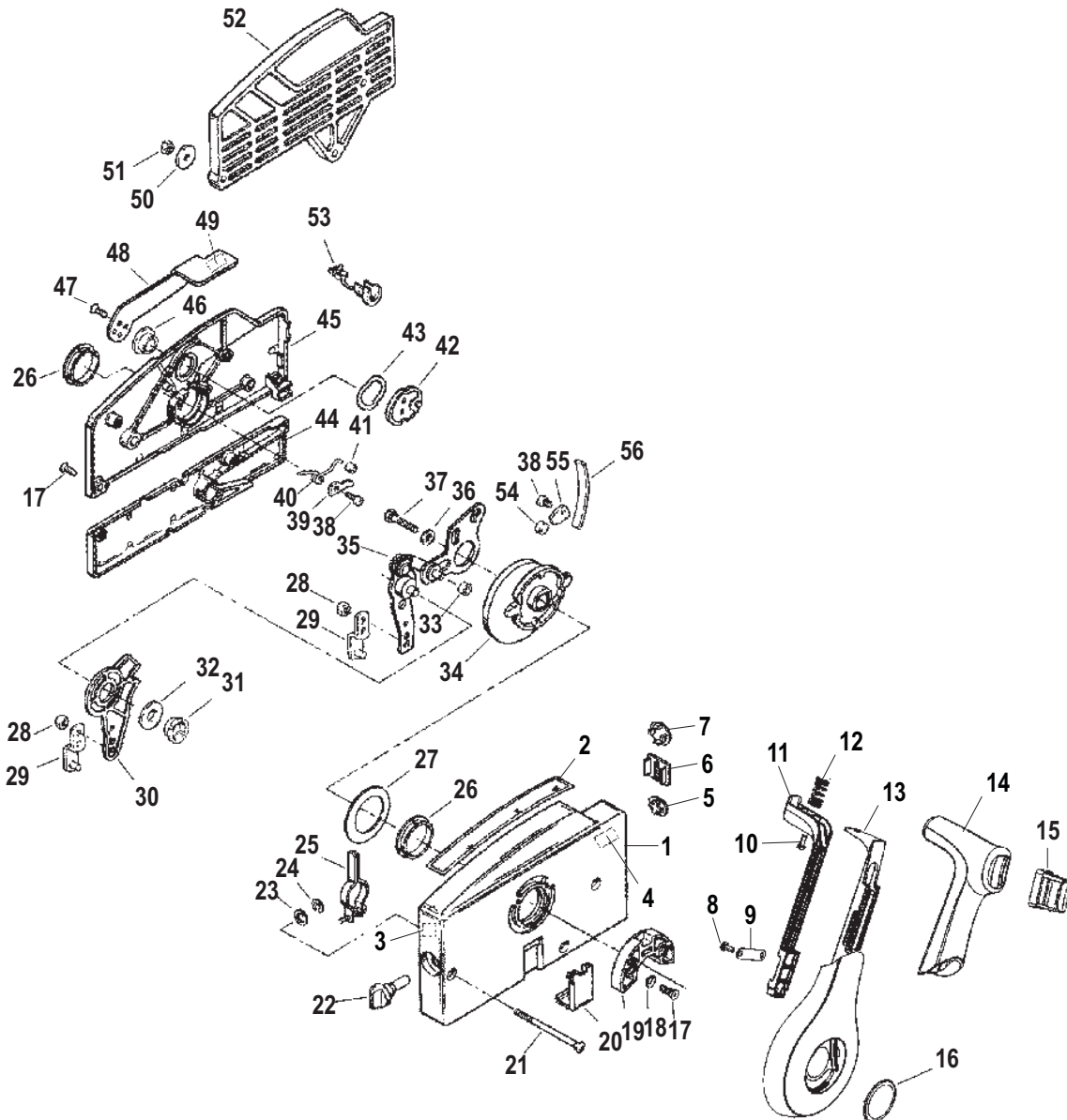
1703

## Remote Control 4000 Side Mount

| Ref # | Part Class | Part Number | Description                                  | Comments           | Qty | Note |
|-------|------------|-------------|----------------------------------------------|--------------------|-----|------|
| -     | 0000       | 881170A8    | REMOTE CONTROL Manual Start - Non Power Trim | No Ignition Switch | 1   |      |
| 1     |            | NSS         | NOT SOLD SEPARATE Housing-Front              |                    | 1   |      |
| 2     |            | NSS         | NOT SOLD SEPARATE Decal-F-N-R                |                    | 1   |      |
| 3     |            | NSS         | NOT SOLD SEPARATE Decal-Throttle Friction    |                    | 1   |      |
| 4     |            | NSS         | NOT SOLD SEPARATE Decal-Run/Off              |                    | 1   |      |
| 5     | 0019       | 89774       | PLUG Key Switch Hole                         |                    | 1   |      |
| 6     | 0000       | 17192       | PLUG Stop Switch Hole                        |                    | 1   |      |
| 7     | 0000       | 17191       | PLUG Wire Harness Hole                       |                    | 1   |      |
| 8     | 0010       | 4005685     | SCREW (M4 x 10)                              |                    | 2   |      |
| 9     | 0000       | 16921       | BRACKET Lock Bar Support                     |                    | 1   |      |
| 10    | 0010       | 87775510    | SCREW (M4 x 10)                              |                    | 1   |      |
| 11    | 0000       | 881138      | LOCK BAR Red                                 |                    | 1   |      |
| 12    | 0024       | 16924       | SPRING                                       |                    | 1   |      |
| 13    | 0000       | 881148T04   | HANDLE KIT                                   |                    | 1   |      |
| 14    | 0000       | 8811411     | GRIP                                         |                    | 1   |      |
| 15    | 0000       | 881146      | PLUG                                         |                    | 1   |      |
| 16    | 0000       | 881137A1    | CAP/DECAL ASSEMBLY                           |                    | 1   |      |
| 17    | 0010       | 40118107    | SCREW (M5 x 18)                              |                    | 7   |      |
| 18    | 0013       | 16923       | LOCKWASHER External                          |                    | 2   |      |
| 19    | 0000       | 16899       | HOLDER Neutral Lock                          |                    | 1   |      |
| 20    | 0000       | 16917       | COVER                                        |                    | 1   |      |
| 21    | 0010       | 40116110    | SCREW (M6 x 110)                             |                    | 3   |      |
| 22    | 0000       | 881145      | KNOB Throttle Friction                       |                    | 1   |      |
| 23    | 0012       | 16896       | WASHER                                       |                    | 1   |      |
| 24    | 0053       | 13194       | RING Retaining                               |                    | 1   |      |
| 25    | 0000       | 16895       | ARM ASSEMBLY Brake                           |                    | 1   |      |
| 26    | 0023       | 16875       | BEARING (1.750 Inside Diameter)              |                    | 2   |      |
| 27    | 0012       | 16874       | WASHER                                       |                    | 1   |      |
| 28    | 0011       | 401385      | NUT (M5) Stainless Steel                     |                    | 2   |      |
| 29    | 0054       | 85899A1     | CLIP ASSEMBLY                                |                    | 2   |      |
| 30    |            | NSS         | NOT SOLD SEPARATE Gear Shift Assembly        |                    | 1   |      |
| 31    | 0023       | 16868       | BEARING (.750 Inside Diameter)               |                    | 1   |      |
| 32    | 0012       | 16870       | WASHER                                       |                    | 1   |      |
| 33    | 0000       | 16873       | ROLLER Cam                                   |                    | 1   |      |
| 34    |            | NSS         | NOT SOLD SEPARATE Drive Gear                 |                    | 1   |      |
| 35    |            | NSS         | NOT SOLD SEPARATE Plate/Stud Assembly        |                    | 1   |      |
| 36    | 0012       | 12038       | WASHER                                       |                    | 1   |      |
| 37    | 0010       | 4007154     | SCREW (M8 x 30)                              |                    | 1   |      |
| 38    | 0010       | 4005683     | SCREW (M4 x 6)                               |                    | 2   |      |
| 39    | 0000       | 16886       | CLIP                                         |                    | 1   |      |

Remote Control 4000 Side Mount

## Remote Control 4000 Side Mount



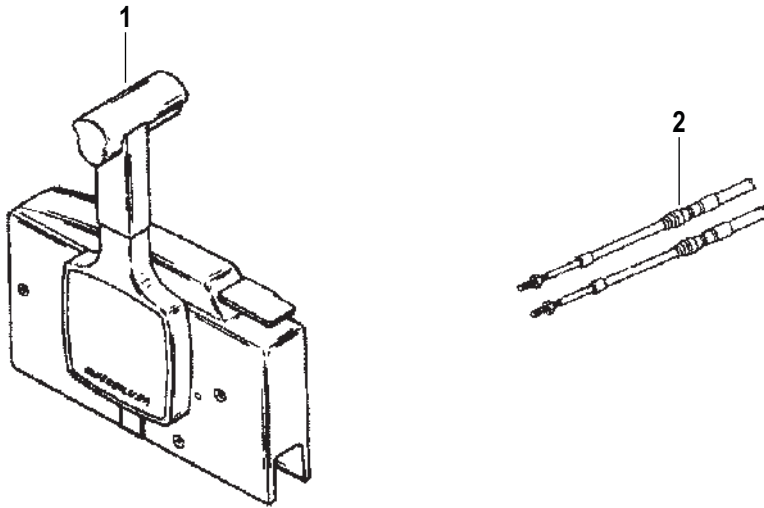
1703

## Remote Control 4000 Side Mount

| Ref # | Part Class | Part Number | Description                                 | Comments | Qty | Note |
|-------|------------|-------------|---------------------------------------------|----------|-----|------|
| 40    | 0024       | 16888       | SPRING                                      |          | 1   |      |
| 41    | 0000       | 16884       | ROLLER                                      |          | 1   |      |
| 42    | 0000       | 16883       | DRUM ASSEMBLY                               |          | 1   |      |
| 43    | 0013       | 16922       | WAVE WASHER                                 |          | 1   |      |
| 44    |            | NSS         | NOT SOLD SEPARATE Cover-Bottom              |          | 1   |      |
| 45    |            | NSS         | NOT SOLD SEPARATE Cover-Top                 |          | 1   |      |
| 46    | 0023       | 16887       | BEARING (.810 Inside Diameter)              |          | 1   |      |
| 47    | 0010       | 40118106    | SCREW (M5 x 12)                             |          | 2   |      |
| 48    | 0000       | 16919A1     | LEVER ASSEMBLY                              |          | 1   |      |
| 49    |            | NSS         | NOT SOLD SEPARATE Decal-Lift for Fast Idle  |          | 1   |      |
| 50    | 0012       | 35280       | WASHER (.255 x .620 x .030) Stainless Steel |          | 3   |      |
| 51    | 0011       | 401196      | NUT (M6)                                    |          | 3   |      |
| 52    | 0000       | 17063T      | SPACER                                      |          | 1   |      |
| 53    | 0023       | 71942       | BUSHING                                     |          | 1   |      |
| 54    | 0000       | 16879       | ROLLER Detent                               |          | 1   |      |
| 55    | 0000       | 16880       | CLIP Detent                                 |          | 1   |      |
| 56    | 0024       | 16882       | SPRING Detent                               |          | 5   |      |



## Throttle Shift Cables



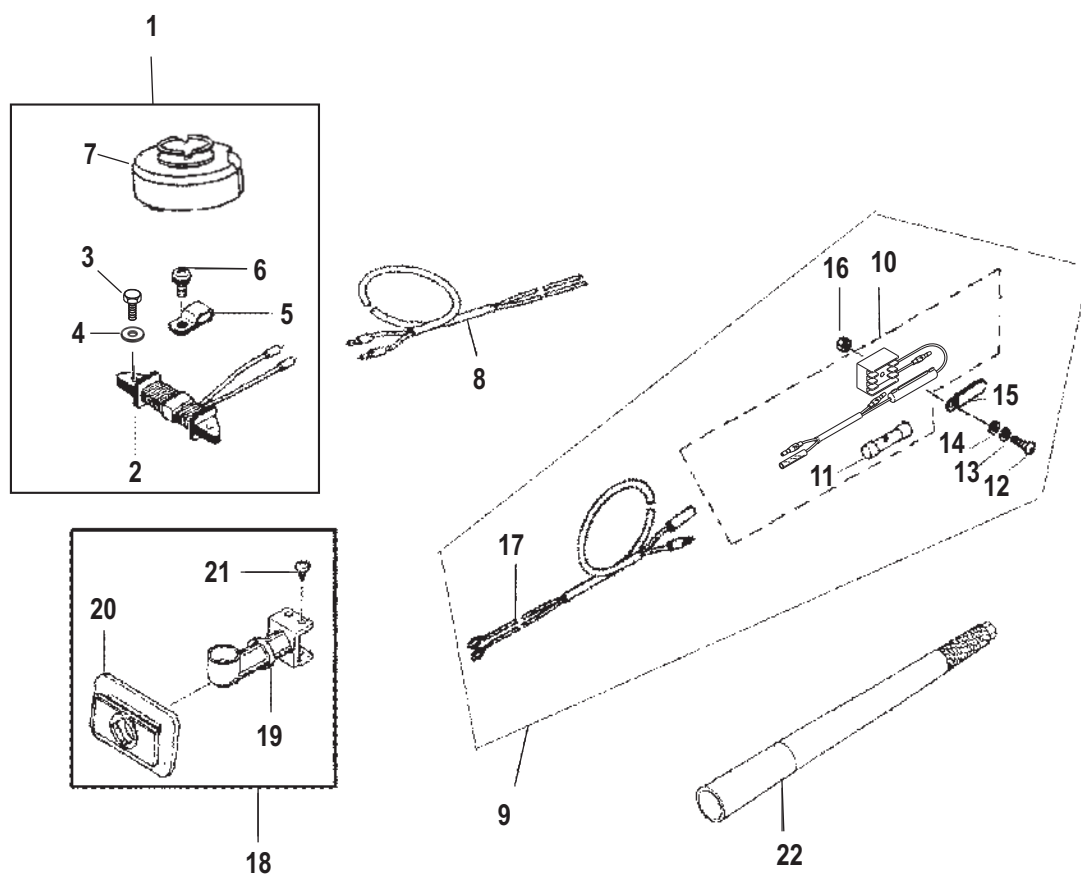
8145

## Throttle Shift Cables

| Ref # | Part Class | Part Number | Description                                  | Comments | Qty | Note |
|-------|------------|-------------|----------------------------------------------|----------|-----|------|
| 1     | 0000       | 881170A8    | REMOTE CONTROL Manual Start - Non Power Trim |          | 1   |      |
| 2     | 0000       | 896143A05   | CABLE ASSEMBLY Throttle Shift - 5 Feet       |          | 2   |      |
| 2     | 0000       | 896143A06   | CABLE ASSEMBLY Throttle Shift - 6 Feet       |          | 2   |      |
| 2     | 0000       | 896143A07   | CABLE ASSEMBLY Throttle Shift - 7 Feet       |          | 2   |      |
| 2     | 0000       | 896143A08   | CABLE ASSEMBLY Throttle Shift - 8 Feet       |          | 2   |      |
| 2     | 0000       | 896143A09   | CABLE ASSEMBLY Throttle Shift - 9 Feet       |          | 2   |      |
| 2     | 0000       | 896143A10   | CABLE ASSEMBLY Throttle Shift - 10 Feet      |          | 2   |      |
| 2     | 0000       | 896143A11   | CABLE ASSEMBLY Throttle Shift - 11 Feet      |          | 2   |      |
| 2     | 0000       | 896143A12   | CABLE ASSEMBLY Throttle Shift - 12 Feet      |          | 2   |      |
| 2     | 0000       | 896143A13   | CABLE ASSEMBLY Throttle Shift - 13 Feet      |          | 2   |      |
| 2     | 0000       | 896143A14   | CABLE ASSEMBLY Throttle Shift - 14 Feet      |          | 2   |      |
| 2     | 0000       | 896143A15   | CABLE ASSEMBLY Throttle Shift - 15 Feet      |          | 2   |      |
| 2     | 0000       | 896143A16   | CABLE ASSEMBLY Throttle Shift - 16 Feet      |          | 2   |      |
| 2     | 0000       | 896143A17   | CABLE ASSEMBLY Throttle Shift - 17 Feet      |          | 2   |      |
| 2     | 0000       | 896143A18   | CABLE ASSEMBLY Throttle Shift - 18 Feet      |          | 2   |      |
| 2     | 0000       | 896143A19   | CABLE ASSEMBLY Throttle Shift - 19 Feet      |          | 2   |      |
| 2     | 0000       | 896143A20   | CABLE ASSEMBLY Throttle Shift - 20 Feet      |          | 2   |      |
| 2     | 0000       | 896143A22   | CABLE ASSEMBLY Throttle Shift - 22 Feet      |          | 2   |      |
| 2     | 0000       | 896143A24   | CABLE ASSEMBLY Throttle Shift - 24 Feet      |          | 2   |      |
| 2     | 0000       | 896143A26   | CABLE ASSEMBLY Throttle Shift - 26 Feet      |          | 2   |      |
| 2     | 0000       | 896143A28   | CABLE ASSEMBLY Throttle Shift - 28 Feet      |          | 2   |      |
| 2     | 0000       | 896143A30   | CABLE ASSEMBLY Throttle Shift - 30 Feet      |          | 2   |      |
| 2     | 0000       | 896143A32   | CABLE ASSEMBLY Throttle Shift - 32 Feet      |          | 2   |      |
| 2     | 0000       | 896143A34   | CABLE ASSEMBLY Throttle Shift - 34 Feet      |          | 2   |      |
| 2     | 0000       | 896143A36   | CABLE ASSEMBLY Throttle Shift - 36 Feet      |          | 2   |      |
| 2     | 0000       | 896143A38   | CABLE ASSEMBLY Throttle Shift - 38 Feet      |          | 2   |      |
| 2     | 0000       | 896143A40   | CABLE ASSEMBLY Throttle Shift - 40 Feet      |          | 2   |      |

Throttle Shift Cables

## Accessory Parts

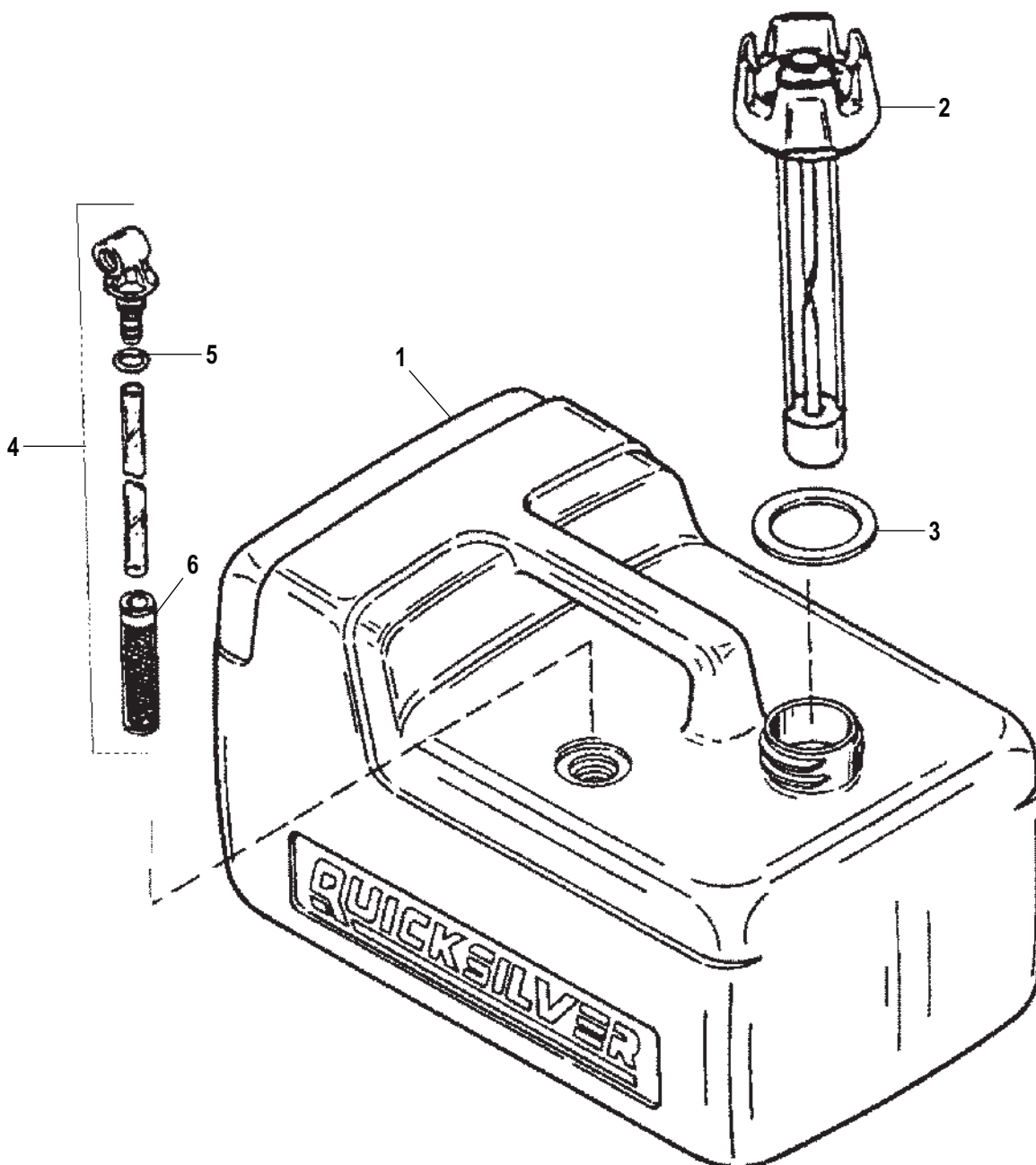


14523

## Accessory Parts

| Ref # | Part Class | Part Number | Description                            | Comments | Qty | Note |
|-------|------------|-------------|----------------------------------------|----------|-----|------|
| 1     | 0000       | 16074T05    | ALTERNATOR KIT                         |          | 1   |      |
| 2     | 0000       | 16074T04    | ALTERNATOR                             |          | 1   |      |
| 3     | 0010       | 16123       | SCREW (25 mm)                          |          | 4   |      |
| 4     | 0012       | 16080       | WASHER Stainless Steel                 |          | 4   |      |
| 5     | 0054       | 16060       | CLAMP                                  |          | 1   |      |
| 6     | 0010       | 16821       | SCREW                                  |          | 1   |      |
| 7     | 0262       | 803557T02   | FLYWHEEL                               |          | 1   |      |
| 8     | 0084       | 17175       | HARNESS ASSEMBLY                       |          | 1   |      |
| 9     | 0000       | 16838A4     | CHARGING KIT Battery Rectifier - 6 AMP |          | 1   |      |
| 10    | 0000       | 16076A1     | RECTIFIER KIT                          |          | 1   |      |
| 11    | 0089       | 16077       | FUSE                                   |          | 1   |      |
| 12    | 0010       | 16123       | SCREW (25 mm)                          |          | 1   |      |
| 13    | 0013       | 16079       | LOCKWASHER                             |          | 1   |      |
| 14    | 0012       | 16080       | WASHER Stainless Steel                 |          | 1   |      |
| 15    | 0054       | 813275      | CLAMP                                  |          | 1   |      |
| 16    | 0011       | 16081       | NUT Stainless Steel                    |          | 1   |      |
| 17    | 0084       | 16082       | CABLE Battery                          |          | 1   |      |
| 18    | 0000       | 16839A4     | GUIDE KIT Vertical Rope                |          | 1   |      |
| 19    |            | NSS         | NOT SOLD SEPARATE Guide                |          | 1   |      |
| 20    | 0000       | 16113       | PLATE Seal                             |          | 1   |      |
| 21    | 0010       | 17173       | SCREW                                  |          | 4   |      |
| 22    | 0000       | 853828      | HANDLE (0.8 Meters)                    |          | 1   |      |
| 22    | 0000       | 8538281     | HANDLE (1.0 Meters)                    |          | 1   |      |

## Tank Assembly Fuel - Plastic - 3.2 Gallon

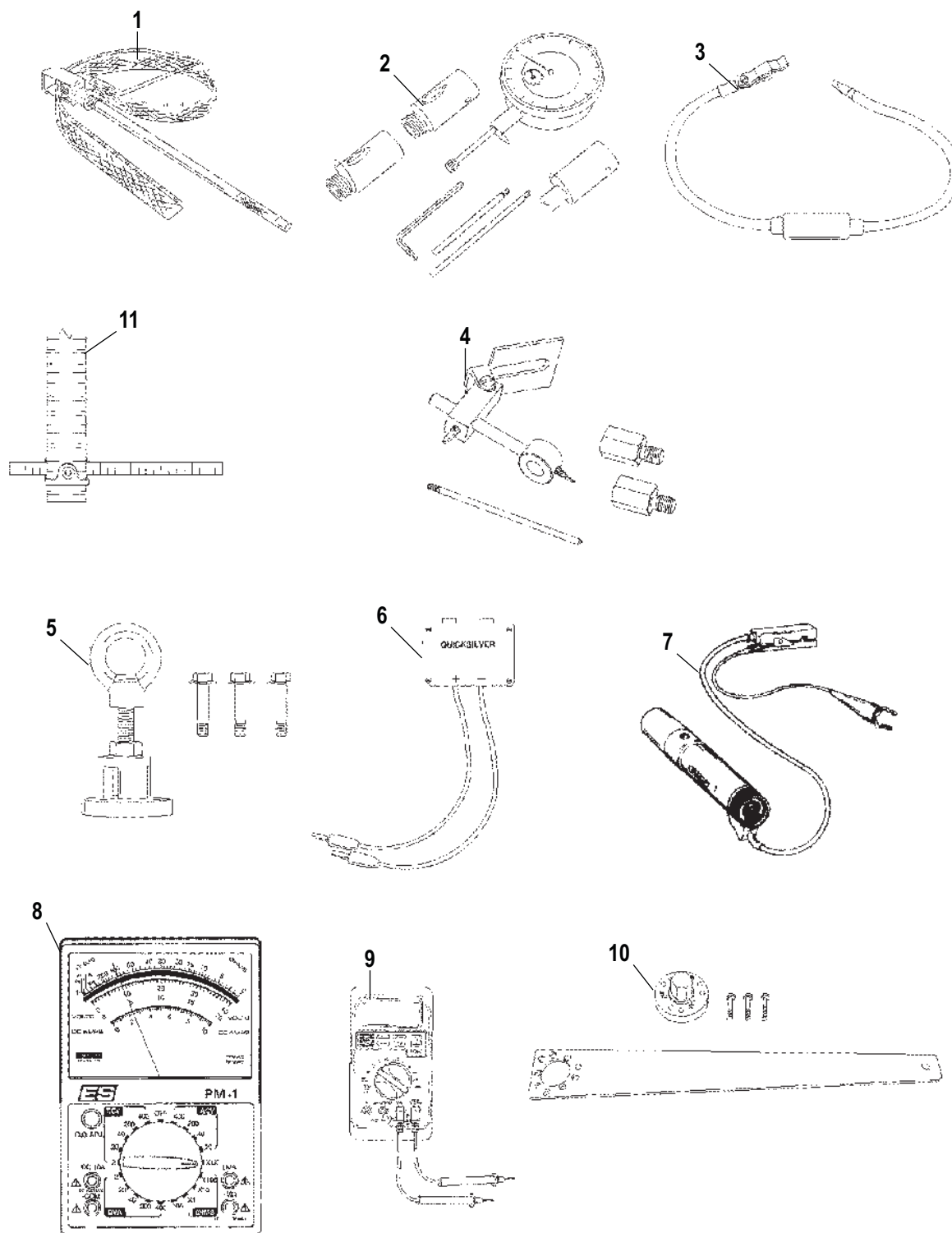


5703

**Tank Assembly Fuel - Plastic - 3.2 Gallon**

| Ref # | Part Class | Part Number | Description        | Comments | Qty | Note |
|-------|------------|-------------|--------------------|----------|-----|------|
| 1     | 1260       | 859061A1    | TANK ASSEMBLY Fuel |          | 1   |      |
| 2     | 0000       | 823535      | GAUGE/CAP ASSEMBLY |          | 1   |      |
| 3     | 0027       | 8169771     | GASKET Fuel Cap    |          | 1   |      |
| 4     | 0022       | 823531A1    | CONNECTOR KIT Fuel |          | 1   |      |
| 5     | 0025       | 823533      | O-RING             |          | 1   |      |
| 6     | 0035       | 823534      | SCREEN             |          | 1   |      |

## Special Tools



8147

## Special Tools

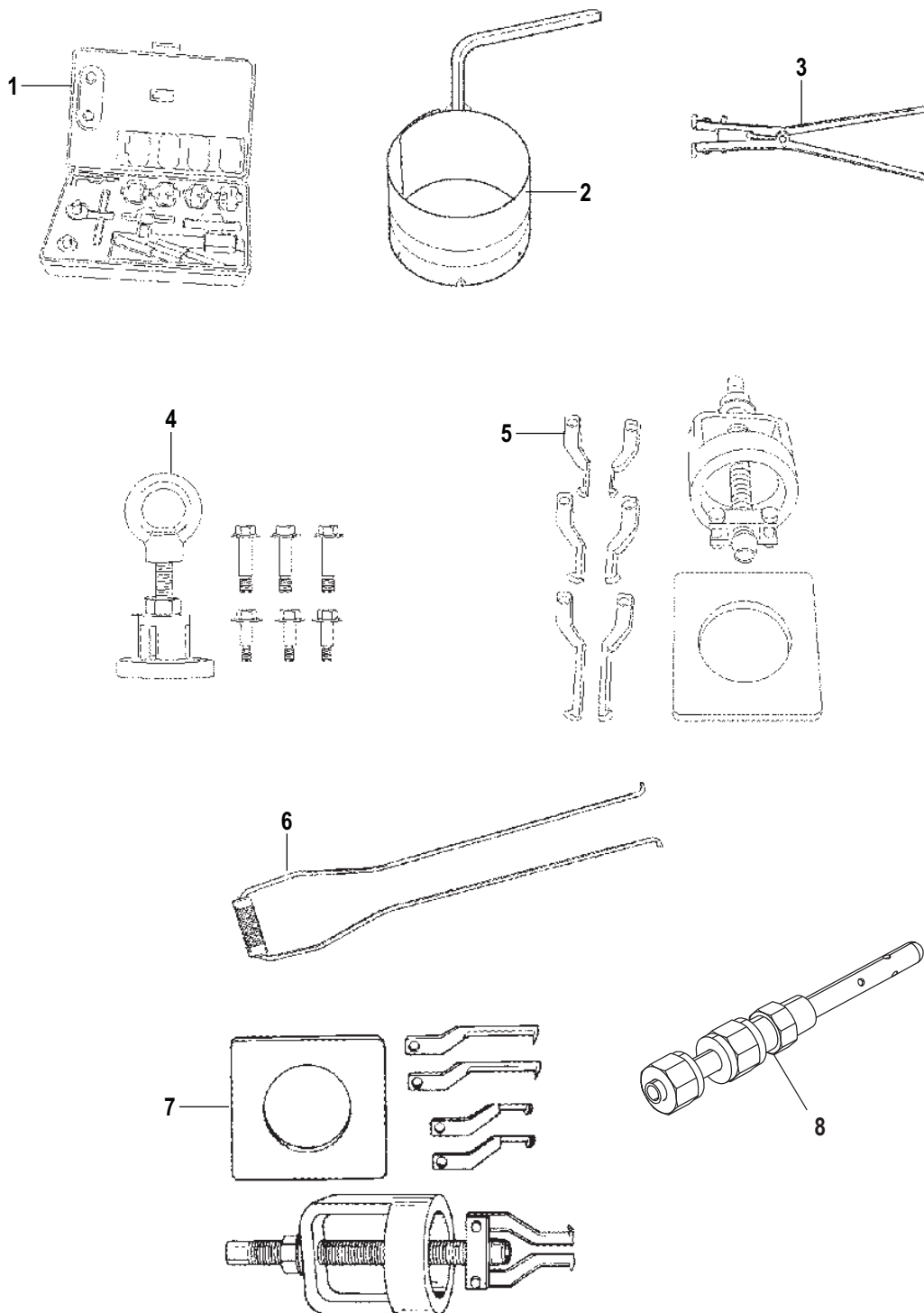
| Ref # | Part Class | Part Number | Description                 | Comments | Qty | Note |
|-------|------------|-------------|-----------------------------|----------|-----|------|
| 1     | 0091       | 24937A1     | HOLDER TOOL                 |          | 1   |      |
| 2     | 0091       | 58222A1     | DIAL INDICATOR TOOL         |          | 1   |      |
| 3     | 0091       | 63998A1     | GAP TOOL Single Chamber     |          | 1   |      |
| 4     | 0091       | 83155       | ADAPTER KIT Dial Indicator  |          | 1   |      |
| 5     | 0091       | 83164M      | FLYWHEEL PULLER             |          | 1   |      |
| 6     | 0091       | 890451      | ADAPTER TOOL Direct Voltage |          | 1   |      |
| 7     | 0091       | 99379       | TIMING LIGHT                |          | 1   |      |
| 8     | 0091       | 99750A1     | MULTI METER                 |          | 1   |      |
| 9     | 0091       | 892647A01   | MULTI-METER KIT DMT         |          | 1   |      |
| 10    | 0091       | 804552      | HOLDER/PULLER TOOL Flywheel |          | 1   |      |
| 11    | 0091       | 37299Q2     | GREASE GUN                  |          | 1   | [1]  |
| -     |            | 8M0167279   | PRESS TOOL                  |          | 1   |      |

**PART NOTES:**

- [1] - Alternate part numbers:
- 37299A 2MPP
- 37299Q 2QS



# Special Tools



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## Special Tools

| Ref # | Part Class | Part Number | Description                                              | Comments      | Qty | Note |
|-------|------------|-------------|----------------------------------------------------------|---------------|-----|------|
| 1     |            | NSS         | NOT SOLD SEPARATE Valve Seat Cutter Kit - Obtain Locally |               | 1   |      |
| 2     | 0000       | FT2997      | COMPRESSOR TOOL Piston Ring                              |               | 1   |      |
| 3     | 0091       | 24697       | EXPANDER TOOL Piston Ring                                |               | 1   |      |
| 4     | 0091       | 83164M      | FLYWHEEL PULLER                                          |               | 1   |      |
| 5     | 0091       | 83165T      | PULLER ASSEMBLY                                          |               | 1   |      |
| 6     | 0091       | 27780       | PULLER                                                   |               | 1   |      |
| 7     | 0091       | 83165T      | PULLER ASSEMBLY                                          |               | 1   |      |
| -     | 0091       | 805747A04   | TOOL Claws                                               |               | 1   |      |
| 8     | 0091       | 883766      | EMISSION PROBE                                           | International | 1   |      |



## Accessories

| Ref # | Part Class | Part Number | Description                    | Comments | Qty | Note |
|-------|------------|-------------|--------------------------------|----------|-----|------|
| -     | 0000       | 803583A4    | ATTACHING KIT Remote Control   |          | 1   |      |
| -     | 0000       | 16838A4     | CHARGING KIT Battery Rectifier |          | 1   |      |
| -     | 0084       | 17175       | HARNESS ASSEMBLY Lighting      |          | 1   |      |
| -     | 0000       | 84125T      | REGULATOR Voltage              |          | 1   |      |
| -     | 0000       | 16839A4     | GUIDE KIT Vertical Rope        |          | 1   |      |

## Engine Gasket Set Components

## Engine Gasket Set Components

| Ref # | Part Class | Part Number | Description                          | Comments | Qty | Note |
|-------|------------|-------------|--------------------------------------|----------|-----|------|
| -     | 0027       | 803508T06   | GASKET SET Powerhead                 |          | 1   |      |
| -     | 0025       | 8035131     | O-RING Rubber Carburetor Drain Screw |          | 1   |      |
| -     | 0025       | 8035133     | O-RING Inlet Manifold                |          | 1   |      |
| -     | 0027       | 803508013   | GASKET Carburetor                    |          | 2   |      |
| -     | 0026       | 898101285   | SEAL Oil Cylinder Block              |          | 1   |      |
| -     | 0025       | 803513      | O-RING Filler Cap                    |          | 1   |      |
| -     | 0027       | 803508021   | GASKET Cap                           |          | 1   |      |
| -     | 0027       | 803508      | GASKET Cylinder Head                 |          | 1   |      |
| -     | 0027       | 803508012   | GASKET Cylinder Head                 |          | 1   |      |
| -     | 0027       | 853702005   | GASKET Thermostat Cover/Bracket      |          | 1   |      |
| -     | 0027       | 8035082     | GASKET Cylinder Head Cover           |          | 1   |      |
| -     | 0027       | 803508015   | GASKET Exhaust Plate                 |          | 1   |      |
| -     | 0025       | 8035134     | O-RING Oil Pan Cover                 |          | 1   |      |
| -     | 0027       | 803508014   | GASKET Oil Pan                       |          | 1   |      |
| -     | 0025       | 168231      | O-RING Oil Pan Seat                  |          | 1   |      |
| -     | 0027       | 803508016   | GASKET Driveshaft Housing            |          | 1   |      |

## Lube Chart

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

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

Reference 90-88667 Chart-Lubes, Adhesives

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**Cat.# 90-803599006**

## Lube Chart

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



# PARTS INDEX

| Part No. | Description              | Pg. | Ref.no | Part No. | Description            | Pg. | Ref.no |
|----------|--------------------------|-----|--------|----------|------------------------|-----|--------|
| 10211060 | OWNERS MANUAL            | 2   | -      | 10211090 | OPERATION MANUAL       | 2   | -      |
| 10211D60 | OWNERS MANUAL French     | 2   | -      | 10211J60 | OWNERS MANUAL Spanish  | 2   | -      |
| 12038    | WASHER                   | 48  | 36     | 12066Q9  | ROPE                   | 10  | 10     |
| 13194    | RING Retaining           | 48  | 24     | 15781A5  | CONNECTOR Fuel - Brass | 8   | 28     |
| 15781A5  | CONNECTOR Fuel - Brass   | 20  | 30     | 16053    | KEY                    | 24  | 3      |
| 160573   | E RING                   | 24  | 7      | 16060    | CLAMP                  | 12  | 8      |
| 16060    | CLAMP                    | 14  | 3      | 16060    | CLAMP                  | 54  | 5      |
| 160721   | WASHER                   | 26  | 6      | 16074T04 | ALTERNATOR             | 12  | 10     |
| 16074T04 | ALTERNATOR               | 14  | 1      | 16074T04 | ALTERNATOR             | 54  | 2      |
| 16074T05 | ALTERNATOR KIT           | 54  | 1      | 16076A1  | RECTIFIER KIT          | 14  | 5      |
| 16076A1  | RECTIFIER KIT            | 54  | 10     | 16077    | FUSE                   | 14  | 6      |
| 16077    | FUSE                     | 54  | 11     | 16079    | LOCKWASHER             | 14  | 8      |
| 16079    | LOCKWASHER               | 54  | 13     | 16080    | WASHER Stainless Steel | 12  | 7      |
| 16080    | WASHER Stainless Steel   | 14  | 9      | 16080    | WASHER Stainless Steel | 14  | 17     |
| 16080    | WASHER Stainless Steel   | 54  | 4      | 16080    | WASHER Stainless Steel | 54  | 14     |
| 16081    | NUT Stainless Steel      | 14  | 11     | 16081    | NUT Stainless Steel    | 54  | 16     |
| 16082    | CABLE Battery            | 14  | 14     | 16082    | CABLE Battery          | 54  | 17     |
| 16085    | PIN                      | 32  | 2      | 16085    | PIN                    | 32  | 19     |
| 16086    | GRIP                     | 32  | 11     | 16087    | SCREW Adjusting        | 32  | 6      |
| 16090    | DECAL                    | 32  | 14     | 16093    | SHAFT Throttle         | 32  | 3      |
| 16094    | SCREW                    | 32  | 10     | 16110004 | PLATE Seal             | 10  | 9      |
| 16113    | PLATE Seal               | 54  | 20     | 16114    | BUSHING                | 36  | 2      |
| 16117    | GROMMET                  | 36  | 10     | 161181   | GROMMET                | 36  | 9      |
| 16119    | PIN Dowel                | 22  | 16     | 16119    | PIN Dowel              | 26  | 10     |
| 16119    | PIN Dowel                | 36  | 5      | 16121    | RETAINER               | 36  | 13     |
| 16122    | SCREW                    | 36  | 14     | 16123    | SCREW (25 mm)          | 12  | 6      |
| 16123    | SCREW (25 mm)            | 14  | 2      | 16123    | SCREW (25 mm)          | 14  | 7      |
| 16123    | SCREW (25 mm)            | 36  | 14     | 16123    | SCREW (25 mm)          | 54  | 3      |
| 16123    | SCREW (25 mm)            | 54  | 12     | 16124    | BUSHING                | 38  | 2      |
| 161251   | BOLT                     | 38  | 5      | 161251   | BOLT                   | 38  | 28     |
| 16126    | BOLT                     | 38  | 10     | 16128    | BEARING Ball           | 42  | 42     |
| 16130    | SEAL Oil                 | 42  | 54     | 16131    | O-RING                 | 42  | 55     |
| 16132    | BEARING Ball             | 42  | 53     | 161324   | BEARING Ball           | 22  | 4      |
| 16133    | STRAINER Water           | 38  | 8      | 16134    | SCREW                  | 38  | 9      |
| 161351   | DRIVESHAFT               | 38  | 12     | 161361   | DRIVESHAFT             | 38  | 12     |
| 16138    | GEAR                     | 38  | 7      | 16140    | WASHER                 | 42  | 51     |
| 161404   | WASHER                   | 8   | 6      | 161404   | WASHER                 | 20  | 14     |
| 16141    | SHIM (0.1)               | 42  | 43     | 16144    | PROPELLER              | 42  | 59     |
| 16145Q01 | THRUST WASHER            | 42  | 58     | 16146    | WASHER                 | 42  | 60     |
| 16147    | PROP NUT                 | 42  | 61     | 16150    | PIN Clutch             | 42  | 48     |
| 16152    | FOLLOWER Cam             | 42  | 45     | 16153    | RETAINER               | 42  | 46     |
| 161543   | IMPELLER                 | 38  | 23     | 16155    | KEY                    | 38  | 15     |
| 16156    | HOUSING Upper Water Pump | 38  | 25     | 16157    | LINER                  | 38  | 24     |
| 16158009 | GASKET                   | 38  | 22     | 16159    | PLATE                  | 38  | 21     |
| 16159A1  | REPAIR KIT Water Pump    | 40  | -      | 16160004 | GASKET                 | 38  | 20     |
| 16162    | SEAL Oil                 | 38  | 18     | 161631   | SHIM (0.1)             | 38  | 17     |
| 16164003 | GASKET                   | 38  | 16     | 16165    | RETAINER               | 40  | 35     |
| 16167    | HOSE                     | 38  | 27     | 16168    | SEAL                   | 38  | 26     |
| 16169    | TUBE Water               | 38  | 31     | 16170    | TUBE Water             | 38  | 31     |
| 16171    | SEAL                     | 38  | 30     | 16172    | CAM                    | 40  | 40     |
| 16173    | CAM ROD                  | 38  | 33     | 16174    | CAM ROD                | 38  | 33     |
| 16175    | PIN                      | 40  | 41     | 16176    | BUSHING                | 40  | 38     |
| 161771   | O-RING                   | 40  | 37     | 16178    | O-RING                 | 40  | 39     |
| 16179    | PIN                      | 38  | 34     | 16181    | O-RING                 | 16  | 4      |
| 16184    | LEVER                    | 16  | 8      | 16185    | BOLT                   | 16  | 7      |
| 16186    | SHIFT ROD                | 16  | 9      | 16187    | SHIFT ROD              | 16  | 9      |
| 16188    | PIN                      | 16  | 5      | 16189    | COTTER PIN             | 16  | 6      |
| 16189    | COTTER PIN               | 46  | 30     | 16190    | JOINT Set              | 16  | 11     |
| 16192    | WASHER                   | 34  | 5      | 16192    | WASHER                 | 38  | 11     |
| 16192    | WASHER                   | 46  | 35     | 161931   | DISTANCE PLATE         | 34  | 7      |
| 16194    | SCREW                    | 34  | 8      | 161951   | SPRING                 | 34  | 19     |

# PARTS INDEX

| Part No. | Description                    | Pg. | Ref.no | Part No. | Description                            | Pg. | Ref.no |
|----------|--------------------------------|-----|--------|----------|----------------------------------------|-----|--------|
| 16196    | SCREW                          | 34  | 21     | 16197    | WASHER                                 | 34  | 20     |
| 16198    | THRUST ROD                     | 34  | 17     | 16200    | CLAMP SCREW ASSEMBLY                   | 34  | 15     |
| 162081   | GRIP                           | 34  | 11     | 16210    | SET PLATE                              | 34  | 13     |
| 162111   | BOLT                           | 4   | 14     | 162111   | BOLT                                   | 34  | 12     |
| 16212    | SPRING                         | 34  | 9      | 162133   | ARM Reverse Lock                       | 34  | 34     |
| 16215    | SPRING                         | 34  | 37     | 16216    | SPRING                                 | 34  | 36     |
| 162181   | HOOK LEVER                     | 4   | 19     | 16219    | SEAL                                   | 4   | 18     |
| 16219    | SEAL                           | 46  | 12     | 16220    | BUSHING                                | 4   | 17     |
| 16220    | BUSHING                        | 46  | 13     | 16221    | WAVE WASHER                            | 4   | 16     |
| 16221    | WAVE WASHER                    | 46  | 11     | 16223    | BOLT (M6 x 14)                         | 20  | 13     |
| 16223    | BOLT (M6 x 14)                 | 46  | 33     | 162232   | BOLT                                   | 46  | 14     |
| 162233   | SCREW                          | 46  | 5      | 16225    | GROMMET                                | 4   | 8      |
| 16226    | GROMMET                        | 4   | 7      | 162282   | SEAL Rubber                            | 4   | 3      |
| 16230    | SAFETY ROPE                    | 4   | 22     | 16231    | GROMMET                                | 4   | 9      |
| 16248    | FILTER Fuel                    | 8   | 32     | 16248    | FILTER Fuel                            | 20  | 28     |
| 16250011 | JET Main (#68)                 | 18  | 7      | 16250012 | JET Main (#58)                         | 18  | 7      |
| 162505   | JET Main (#60)                 | 18  | 7      | 162508   | JET Main (#65)                         | 18  | 7      |
| 162533   | FLOAT                          | 18  | 11     | 162543   | FLOAT VALVE Brass                      | 18  | 8      |
| 162562   | PIN Float - Stainless Steel    | 18  | 10     | 162563   | PIN                                    | 26  | 20     |
| 16258T5  | FLOAT BOWL                     | 18  | 13     | 16260    | SCREW (M4 x 12)                        | 18  | 14     |
| 16329002 | BOLT                           | 20  | 24     | 16333    | ROD Snap                               | 46  | 34     |
| 16335    | WASHER                         | 46  | 29     | 16338    | BRACKET                                | 32  | 4      |
| 166954   | BOLT                           | 22  | 26     | 16703    | SEAL Oil                               | 26  | 27     |
| 16704    | GASKET                         | 26  | 29     | 16705    | BOLT                                   | 8   | 9      |
| 167051   | BOLT (M6 x 20)                 | 26  | 25     | 16821    | SCREW                                  | 12  | 9      |
| 16821    | SCREW                          | 14  | 4      | 16821    | SCREW                                  | 54  | 6      |
| 16822    | HARNESS Extension              | 14  | 12     | 16823    | GROMMET                                | 14  | 13     |
| 168231   | O-RING                         | 26  | 37     | 168231   | O-RING Oil Pan Seat                    | 64  | -      |
| 16826    | WASHER Stainless Steel         | 4   | 11     | 16826    | WASHER Stainless Steel                 | 8   | 30     |
| 16826    | WASHER Stainless Steel         | 10  | 20     | 16826    | WASHER Stainless Steel                 | 16  | 10     |
| 16826    | WASHER Stainless Steel         | 20  | 25     | 16826    | WASHER Stainless Steel                 | 20  | 32     |
| 16826    | WASHER Stainless Steel         | 32  | 7      | 16826    | WASHER Stainless Steel                 | 38  | 6      |
| 16826    | WASHER Stainless Steel         | 38  | 29     | 16827    | SCREW                                  | 32  | 5      |
| 168287   | BOLT (M6 x 16)                 | 26  | 24     | 168287   | BOLT (M6 x 16)                         | 26  | 40     |
| 168305   | BOLT (M6 x 20)                 | 26  | 14     | 168306   | BOLT (M6 x 40)                         | 26  | 18     |
| 16832    | BOLT (M6 x 16)                 | 4   | 10     | 16832    | BOLT (M6 x 16)                         | 20  | 17     |
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| 16839A4  | GUIDE KIT Vertical Rope        | 62  | -      | 16841A2  | FLUSHING ATTACHMENT                    | 4   | 20     |
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| 16870    | WASHER                         | 48  | 32     | 16873    | ROLLER Cam                             | 48  | 33     |
| 16874    | WASHER                         | 48  | 27     | 16875    | BEARING (1.750 Inside Diameter)        | 48  | 26     |
| 16879    | ROLLER Detent                  | 50  | 54     | 16880    | CLIP Detent                            | 50  | 55     |
| 16882    | SPRING Detent                  | 50  | 56     | 16883    | DRUM ASSEMBLY                          | 50  | 42     |
| 16884    | ROLLER                         | 50  | 41     | 16886    | CLIP                                   | 48  | 39     |
| 16887    | BEARING (.810 Inside Diameter) | 50  | 46     | 16888    | SPRING                                 | 50  | 40     |
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| 16899    | HOLDER Neutral Lock            | 48  | 19     | 16917    | COVER                                  | 48  | 20     |
| 16919A1  | LEVER ASSEMBLY                 | 50  | 48     | 16921    | BRACKET Lock Bar Support               | 48  | 9      |
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| 17192    | PLUG Stop Switch Hole          | 48  | 6      | 17634001 | LOCK Starter                           | 10  | 22     |
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| 400212    | NUT (M6) Stainless Steel                    | 32  | 9      | 400212    | NUT (M6) Stainless Steel             | 32  | 22     |
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| 4005685   | SCREW (M4 x 10)                             | 48  | 8      | 4007154   | SCREW (M8 x 30)                      | 48  | 37     |
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