

Parts Manual

Cat.# 90-88394302

Revised 09-21-2020

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Service/Support Material

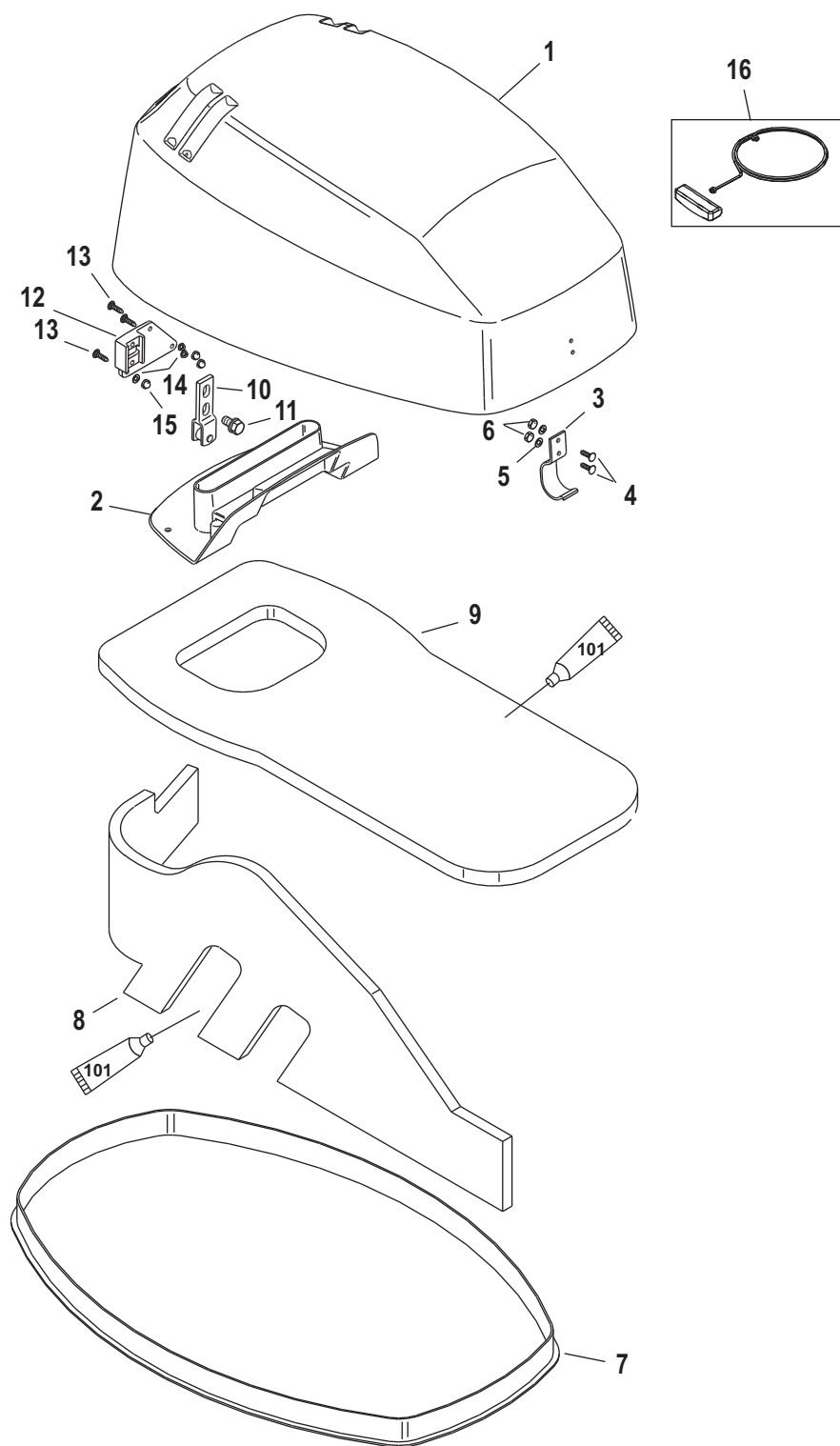
Service/Support Material

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
0	0090	88394302	PARTS MANUAL 30/40 EFI 4-Stroke (3 Cylinder)		1	
0	0090	10212020	OWNERS MANUAL	2002	1	
0	0090	10212030	OWNERS MANUAL	2003	1	
0	0090	10212040	OWNERS MANUAL	2004	1	
0	0090	10212050	OWNERS MANUAL	2005	1	
0	0090	883064	SERVICE MANUAL		1	
0	0091	852151A1	TOOL KIT		1	
0	0037	883530A02	DECAL SET	(MERC 30)(2002 thru 2004)	1	
0	0037	883530A05	DECAL SET	(MERC 30)(2005)	1	
0	0037	883524A02	DECAL SET	(MERC 40)(TRACKER 40)(2002 thru 2004)	1	
0	0037	883524A05	DECAL SET	(MERC 40)(TRACKER 40)(2005)	1	
0	0037	883531A02	DECAL SET	(MARINER 30)(2002)	1	
0	0037	883531A03	DECAL SET	(MARINER 30)(2003 and Up)	1	
0	0037	883532A02	DECAL SET	(MARINER 40)(2002)	1	
0	0037	883532A03	DECAL SET	(MARINER 40)(2003 and Up)	1	
0	0037	884387	DECAL Bodensee		1	
0	0037	883927A02	DECAL EPA Label Information	(2002)	1	[1]
0	0037	883927A03	DECAL EPA Label Information	(2003)	1	[1]
0	0037	883927A04	DECAL EPA Label Information	(2004)	1	[1]
0	0037	883927A05	DECAL EPA Label Information	(2005)	1	[1]

PART NOTES:

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

Top Cowl

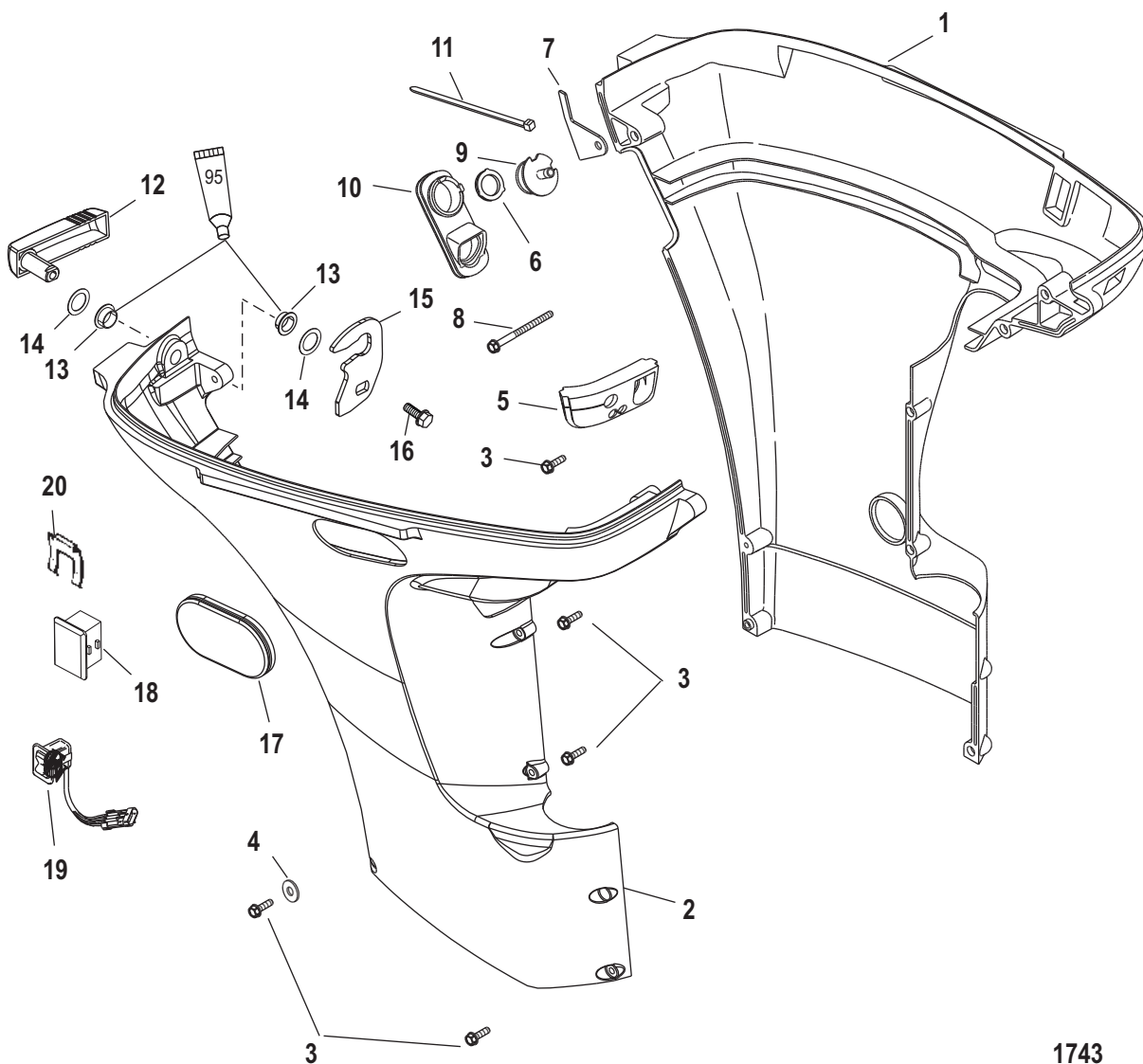


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Top Cowl

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0102	834785T7	TOP COWL ASSEMBLY	(BLACK)	1	
1	0102	834785T8	TOP COWL ASSEMBLY	(SILVER)	1	
2		NSS	NOT SOLD SEPARATE Induction Insert		1	
3	0000	826291F1	LATCH	(BLACK)	1	
3	0000	826291F2	LATCH	(SILVER)	1	
4	0010	8231871	SCREW (M4 x 14.5)		2	
5	0013	26995	LOCKWASHER (#8) Stainless Steel		2	
6	0011	8237515	NUT (M4)		2	
7	0000	8255662	SEAL		1	
8	0000	834786A3	SOUND BLANKET KIT	(SIDE)	2	
9		NSS	NOT SOLD SEPARATE Sound Blanket-Top		1	
10	0000	18173	BRACKET ASSEMBLY Latch Roller		1	
11	0010	4006731	SCREW (M6 x 16)		2	
12	0000	8224261	BRACKET		1	
13	0010	8231871	SCREW (M4 x 14.5)		3	
14	0013	26995	LOCKWASHER (#8) Stainless Steel		3	
15	0011	8237515	NUT (M4)		3	
16	0000	47341A11	ROPE AND HANDLE KIT Manual Starting		1	

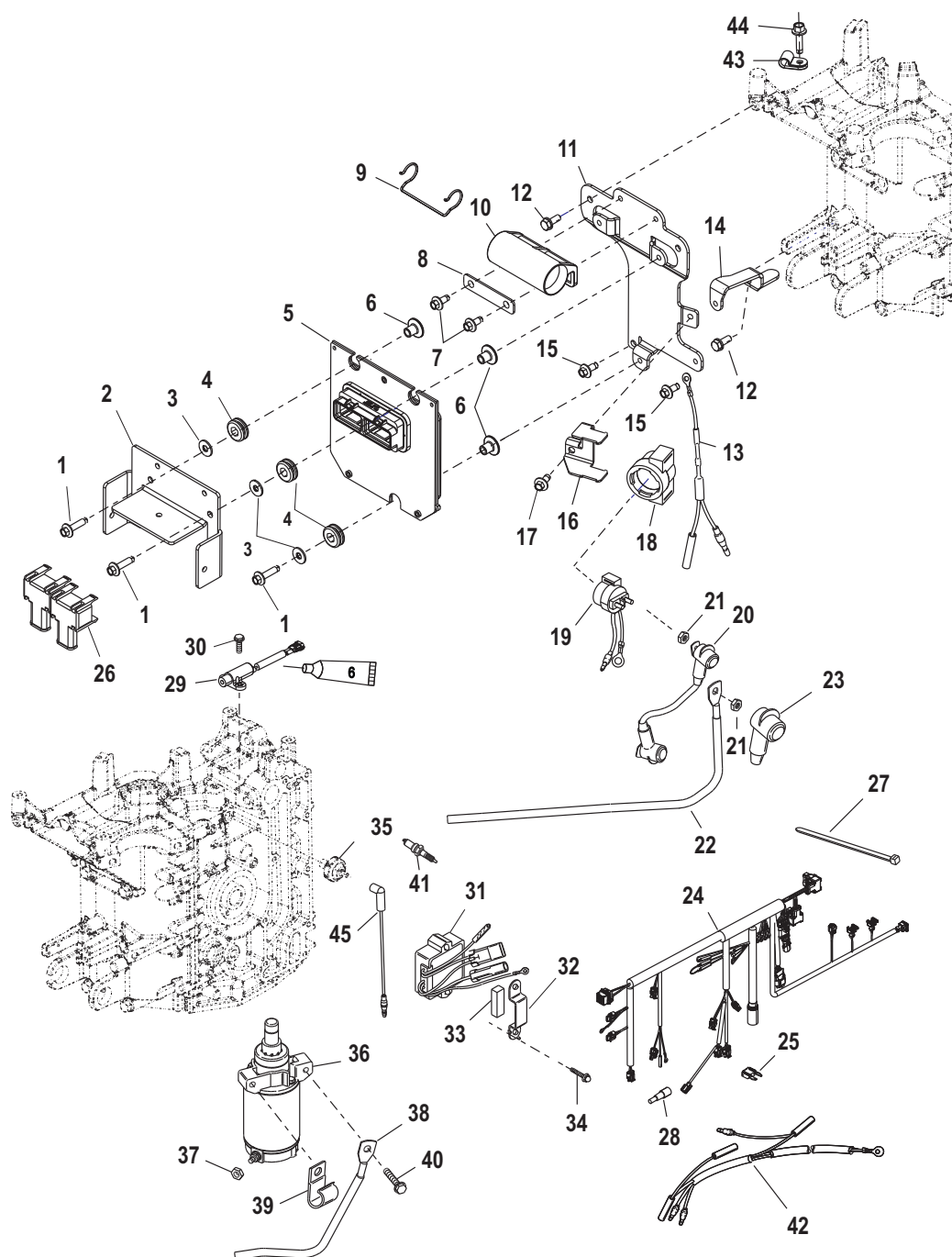
Bottom Cowl



Bottom Cowl

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	4020	852554T1	BOTTOM COWL	(SHORT-PORT)	1	
1	4020	826277T1	BOTTOM COWL	(LONG-PORT)	1	
2	4020	852555T5	BOTTOM COWL	(SHORT-STBD.)	1	
2	4020	826278T7	BOTTOM COWL	(LONG-STBD.)	1	
3	0010	82684430	SCREW (M6 x 30)		6	
4	0012	29245	WASHER (.281 x .500 x .060) Stainless Steel		1	
5	0000	8252381	SEAL		1	
6	0012	855576	WASHER		1	
7	0027	855627	GASKET		1	
8	0010	82684460	SCREW (M6 x 60)		1	
9	0022	827948	FITTING Telltale		1	
10	0000	826273	BOOT		1	
11	0054	816311T	TIE STRAP (8.00 Inches)		AR	
12	0000	825782F1	LEVER Cowl Latch		1	
13	0023	812707	BUSHING		2	
14	0013	12134	WASHER Wave		2	
15	0000	825783	LATCH HOOK		1	
16	0010	1993716	SCREW (M6 x 16)		1	
17	0025	883307	GROMMET		1	
18	0000	8128301	PLUG Trim Switch	(NON POWER TRIM)	1	
19	0087	8569901	SWITCH Trim	(POWER TRIM)	1	
20	0000	8124431	RETAINER	(NON POWER TRIM)	1	

Electrical Components

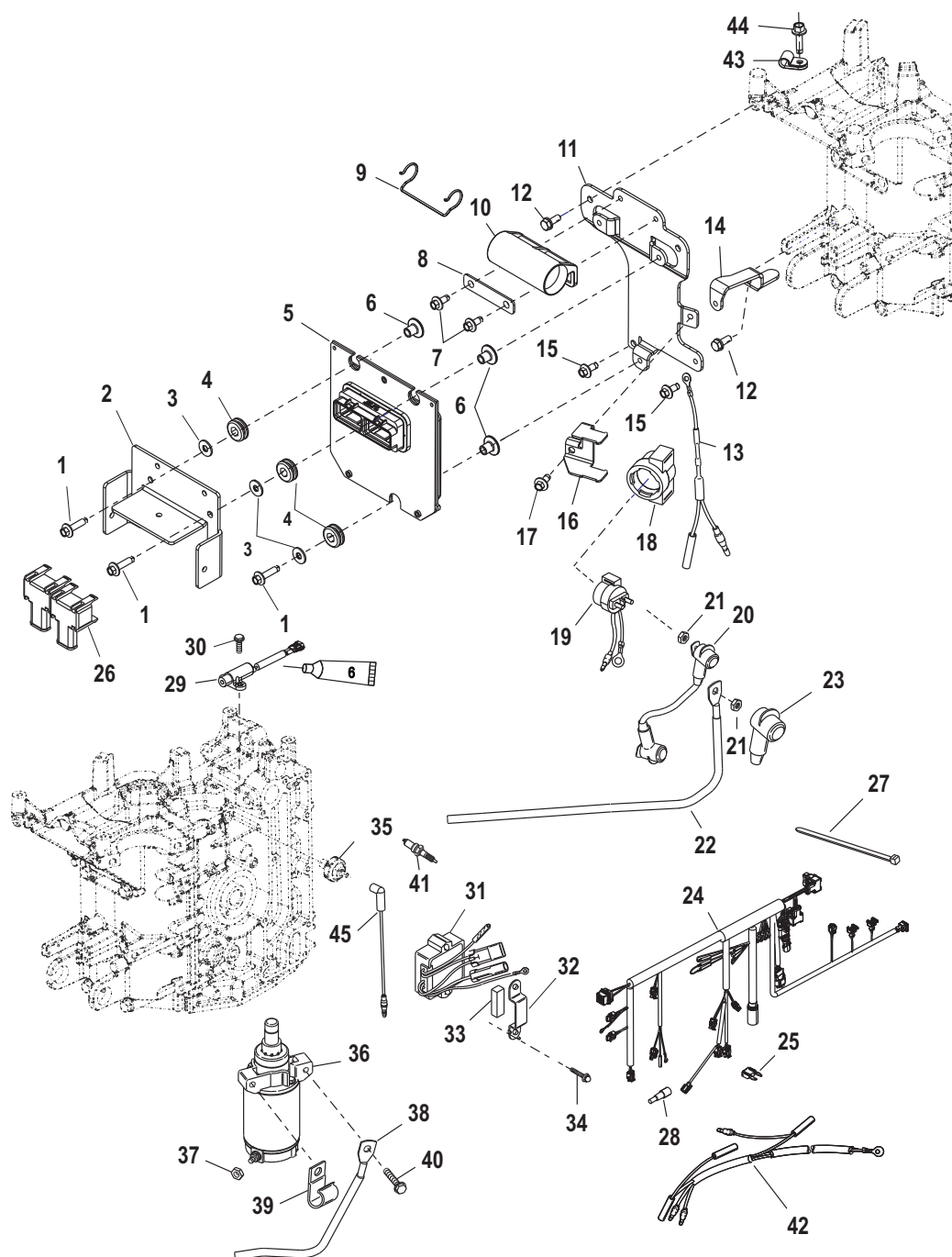


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Electrical Components

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0010	82129125	SCREW (M6 x 25 MM)		3	
2	0000	8812901	PLATE	[USA-0T575361] & Below	1	
2	0000	8812902	PLATE	[USA-0T575362/ALL BELGIUM] & Up	1	
3	0012	4002316	WASHER (6.60 X 17.0 X 1.5SS)		3	
4	0025	834985	GROMMET		3	
5	0000	88452115S	ECM Engine Control Module	(30) [USA-0T409000] THRU [USA-0T842618]	1	
5	0000	89195215S	ECM Engine Control Module	(30) [USA-0T842619] THRU [USA-0T979999/BEL-0P325499]	1	
5	0000	89195221T	ECM Engine Control Module	(30) [USA-0T980000/BEL-0P325500] & Up	1	
5	0000	89195215S	ECM Engine Control Module	(30-CANADA)	1	
5	0000	88452114S	ECM Engine Control Module	(40) [USA-0T409000] THRU [USA-0T842618]	1	
5	0000	89195214S	ECM Engine Control Module	(40) [USA-0T842619] THRU [USA-0T979999/BEL-0P325499]	1	
5	0000	89195229T	ECM Engine Control Module	(40) [USA-0T980000/BEL-0P325500] THRU [USA-1B036319/BEL-0P326604]	1	
5	0000	89195230T	ECM Engine Control Module	(40) [USA-1B036320/BEL-0P326605] & Up	1	
5	0000	88452106S	ECM Engine Control Module	(40 BODENSEE) [USA-0T409000] THRU [USA-0T842618]	1	
5	0000	89195206S	ECM Engine Control Module	(40 BODENSEE) [USA-0T842619] THRU [USA-0T979999]	1	
5	0000	89195220S	ECM Engine Control Module	(40 BODENSEE) [USA-0T980000] & Up	1	
6	0023	856954	BUSHING		3	
7	0010	82129114	SCREW (M6 x 14)		2	
8	0000	856040	BRACKET		1	
9	0000	92753	RETAINER		1	
10	0000	856836	RETAINER		1	
11	0000	877802	PLATE		1	
12	0010	8248324	SCREW (M6 x 16)		3	
13	0084	883834A1	CABLE ASSEMBLY Diode		1	
14	0000	882753	BRACE		1	
15	0010	82129114	SCREW (M6 x 14)		2	
16	0000	8250741	PLATE Solenoid		1	
17	0010	82129114	SCREW (M6 x 14)		1	
18	0000	95643M	BRACKET		1	
19	0089	825096T	RELAY		1	
20	0084	93388A16	CABLE ASSEMBLY (8.50 Inches)		1	
21	0011	401386	NUT (M6) Stainless Steel		2	
22	0084	88439A9	CABLE ASSEMBLY Battery - Positive		1	
23	0085	880786	BOOT Insulator - Red		1	

Electrical Components



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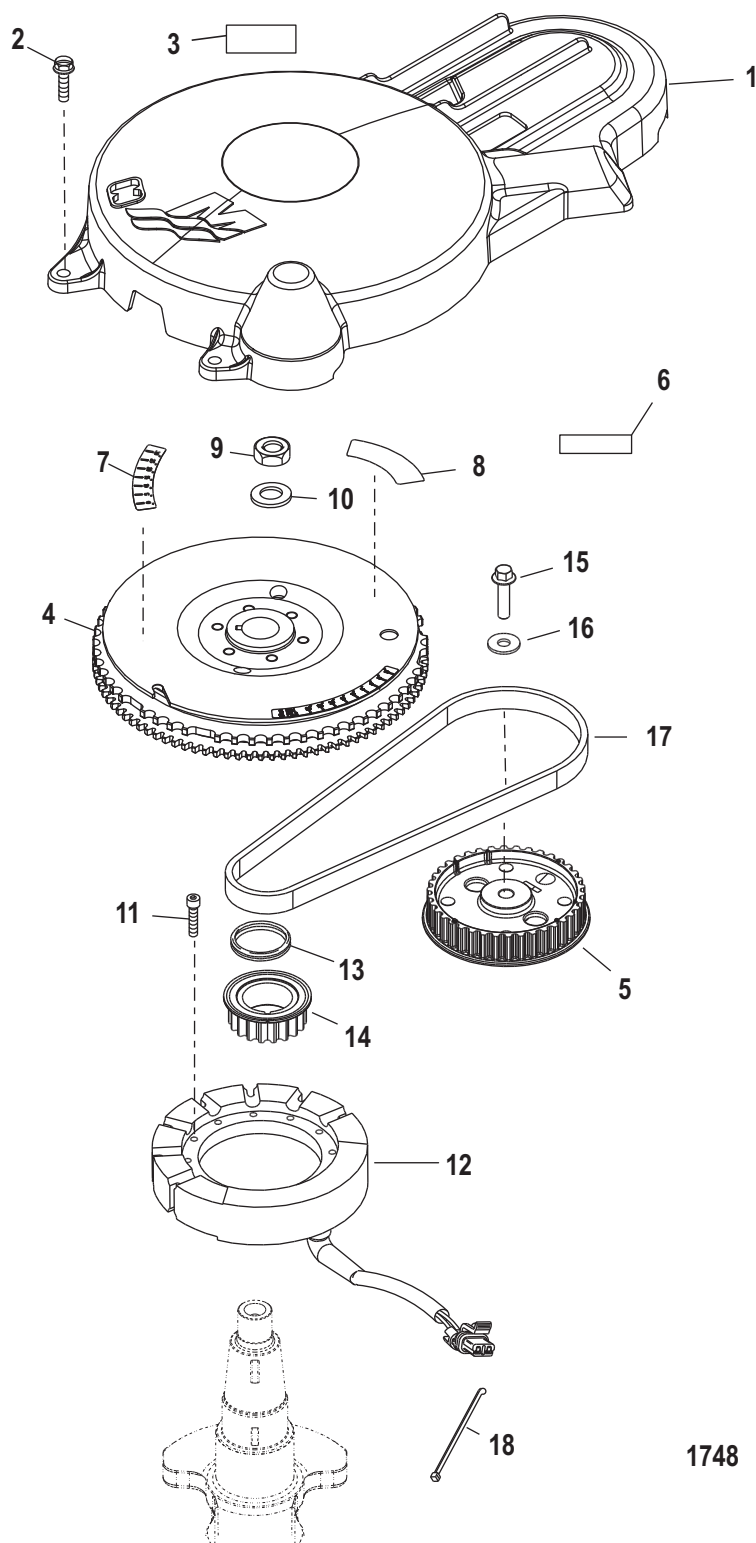
Electrical Components

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
24	0084	878132T3	HARNESS ASSEMBLY Engine Wiring	[0T979999] & Below	1	
24	0084	878132T3	HARNESS ASSEMBLY Engine Wiring	[0P325499] & Below	1	
24	0084	878132T04	HARNESS ASSEMBLY Engine Wiring	[0T980000] THRU [1B062363]	1	
24	0084	878132T04	HARNESS ASSEMBLY Engine Wiring	[0P325500] THRU [0P345378]	1	
24	0084	878132T05	HARNESS ASSEMBLY Engine	[1B062256] & Up	1	
24	0084	878132T05	HARNESS ASSEMBLY Engine	[0P345379] & Up	1	
25	0088	83296920	FUSE Mini - Yellow - 20 Ampere	(20 AMP)	4	
25	0088	83296915	FUSE Mini - Blue - 15 Ampere	(15 AMP)	1	
26	0000	858754	COVER Fuse		1	
27	0054	816311T	TIE STRAP (8.00 Inches)		AR	
28	0000	13541	PLUG Male		1	
29	0000	8283582	SENSOR Crank Position		1	
30	0010	40011107	SCREW (M5 x 16) Stainless Steel		2	
31	0000	883071T1	REGULATOR Voltage		1	
32	0000	858413	BRACKET		1	
33	0000	8308971	FOAM PAD		1	
34	0010	8248329	SCREW (M6 x 40)		2	
35	0087	8280401	PRESSURE SWITCH		1	[1]
36	0050	884045T	STARTER MOTOR ASSEMBLY	[USA-0T800999/BEL-0P267999] & Below	1	
36	0050	888160T	STARTER MOTOR ASSEMBLY	[USA-0T801000/BEL-0P268000] & Up	1	
37	0011	94330	NUT (.250-20) Brass		1	
38	0084	88439A4	CABLE ASSEMBLY Battery - Negative		1	
39	0054	65292	J CLIP		1	
40	0010	40011153	SCREW (M8 x 45) Stainless Steel		3	
41	0033	883323	SPARK PLUG RA8HC		3	
42	0084	852375A6	HARNESS ASSEMBLY Extension	(HANDLE)	1	
43	0054	24836	CLIP		1	
44	0010	82239312	SCREW (M5 x 12)		1	
45	0084	881863A1	CABLE ASSEMBLY		1	
-	0061	803017T01	POWERHEAD ASSEMBLY		1	

PART NOTES:

[1] - COMPONENT OF POWERHEAD/PARTIAL ENGINE 803017T01

Flywheel



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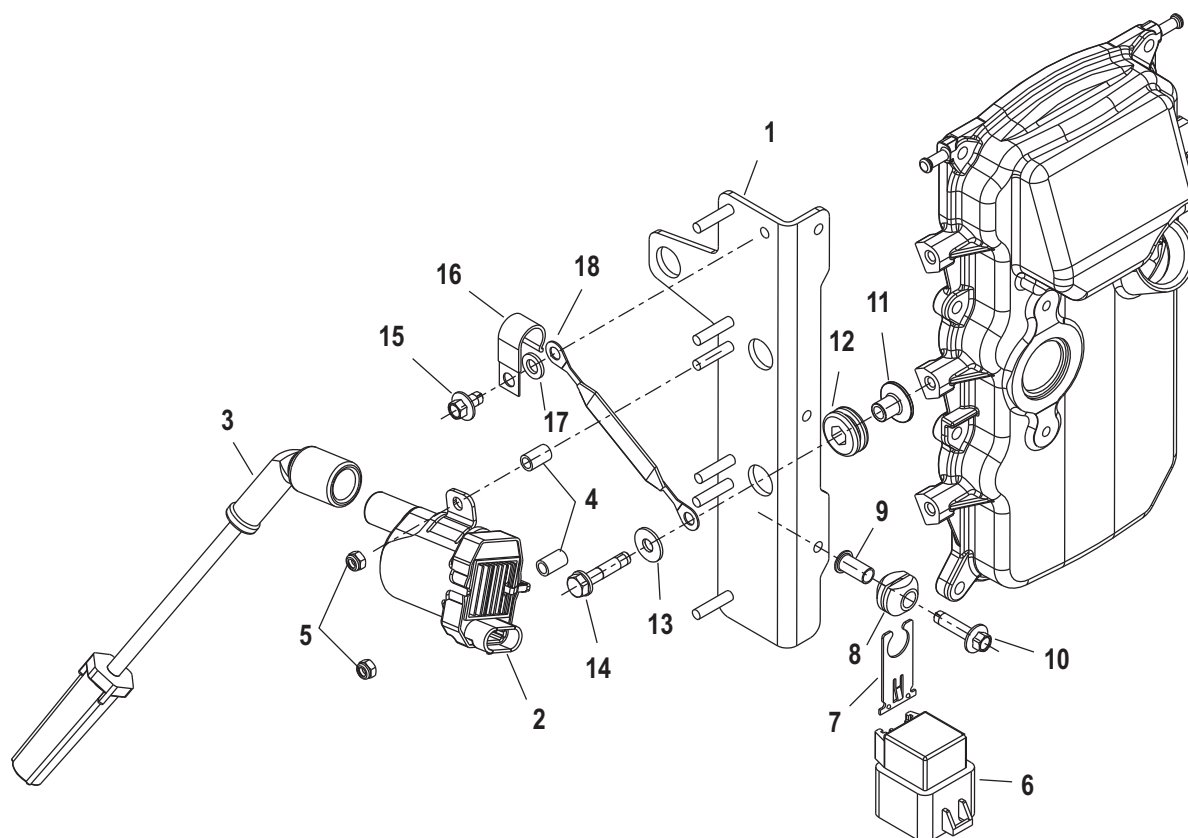
Flywheel

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	859284T2	FLYWHEEL COVER		1	
2	0010	8248326	SCREW (M6 x 25 MM)		4	
3	0037	883927A02	DECAL EPA Label Information	(2002)	1	[1]
3	0037	883927A03	DECAL EPA Label Information	(2003)	1	[1]
3	0037	883927A04	DECAL EPA Label Information	(2004)	1	[1]
3	0037	883927A05	DECAL EPA Label Information	(2005)	1	[1]
4	0200	877836T2	FLYWHEEL		1	
5	0000	833104T6	GEAR Driven		1	[2]
6		NSS	NOT SOLD SEPARATE Decal-Warning Spinning Flywheel		1	
7		NSS	NOT SOLD SEPARATE Decal-Timing Marks		1	
8		NSS	NOT SOLD SEPARATE Decal-Warning-Neutral		1	
9	0011	81773M	NUT		1	
10	0012	84436M	WASHER		1	
11	0010	4013930	SCREW (M5 x 30)		3	
12	0398	878143T3	STATOR	(ELECTRIC) [USA-0T800999/BEL-0P267999] & Below	1	
12	0398	878143T05	STATOR	(ELECTRIC) [USA-0T801000/BEL-0P268000] & Up	1	
13	0000	834838	LOAD RING		1	
14	0000	833102T	GEAR Drive		1	
15	0010	82761140	SCREW (M10 x 40)		1	[2]
16	0012	4002320	WASHER		1	[2]
17	0000	831294	BELT		1	
18	0054	816311T	TIE STRAP (8.00 Inches)		1	
-	0000	877568T8	CYLINDER HEAD ASSEMBLY		1	

PART NOTES:

- [1] - IMPORTANT INFORMATION: REPLACE ANY MISSING OR UNREADABLE EPA LABEL
- [2] - COMPONENT OF CYLINDER HEAD ASSEMBLY 877568T 8

Ignition Coil S/N-USA-0T979999/BEL-0P325499 and Below

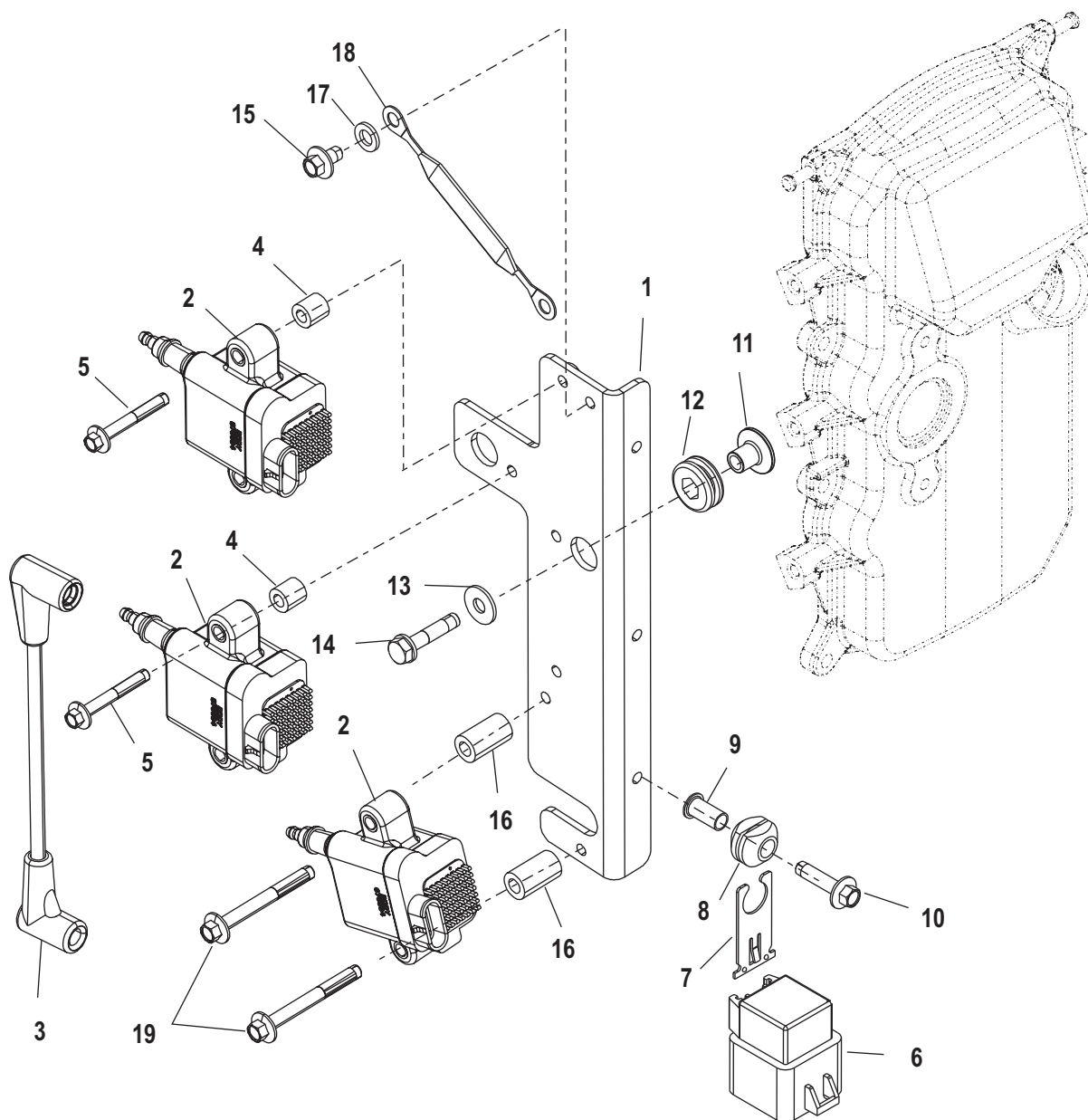


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Ignition Coil S/N-USA-0T979999/BEL-0P325499 and Below

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	8798471	PLATE Coil Mounting		1	
2	0339	877807A2	COIL ASSEMBLY Ignition		3	
3	0084	821945T68	CABLE ASSEMBLY Hi Tension		1	
4	0023	309773	SPACER		6	
5	0011	401385	NUT (M5) Stainless Steel		6	
6	0000	882751A1	RELAY ASSEMBLY		1	
7	0000	828102	BRACKET		1	
8	0025	818967	GROMMET		1	
9	0023	818968	BUSHING		1	
10	0010	82129125	SCREW (M6 x 25 MM)		1	
11	0023	856954	BUSHING		3	
12	0025	834985	GROMMET		3	
13	0012	4002316	WASHER (6.60 X 17.0 X 1.5SS)		3	
14	0010	82684430	SCREW (M6 x 30)		3	
15	0010	82129110	SCREW (M6 x 10)		1	
16	0054	55098	J CLIP		1	
17	0012	29245	WASHER (.281 x .500 x .060) Stainless Steel		1	
18	0084	858414A3	CABLE ASSEMBLY		1	

Ignition Coil S/N-USA-0T980000/BEL-0P325500 and Up

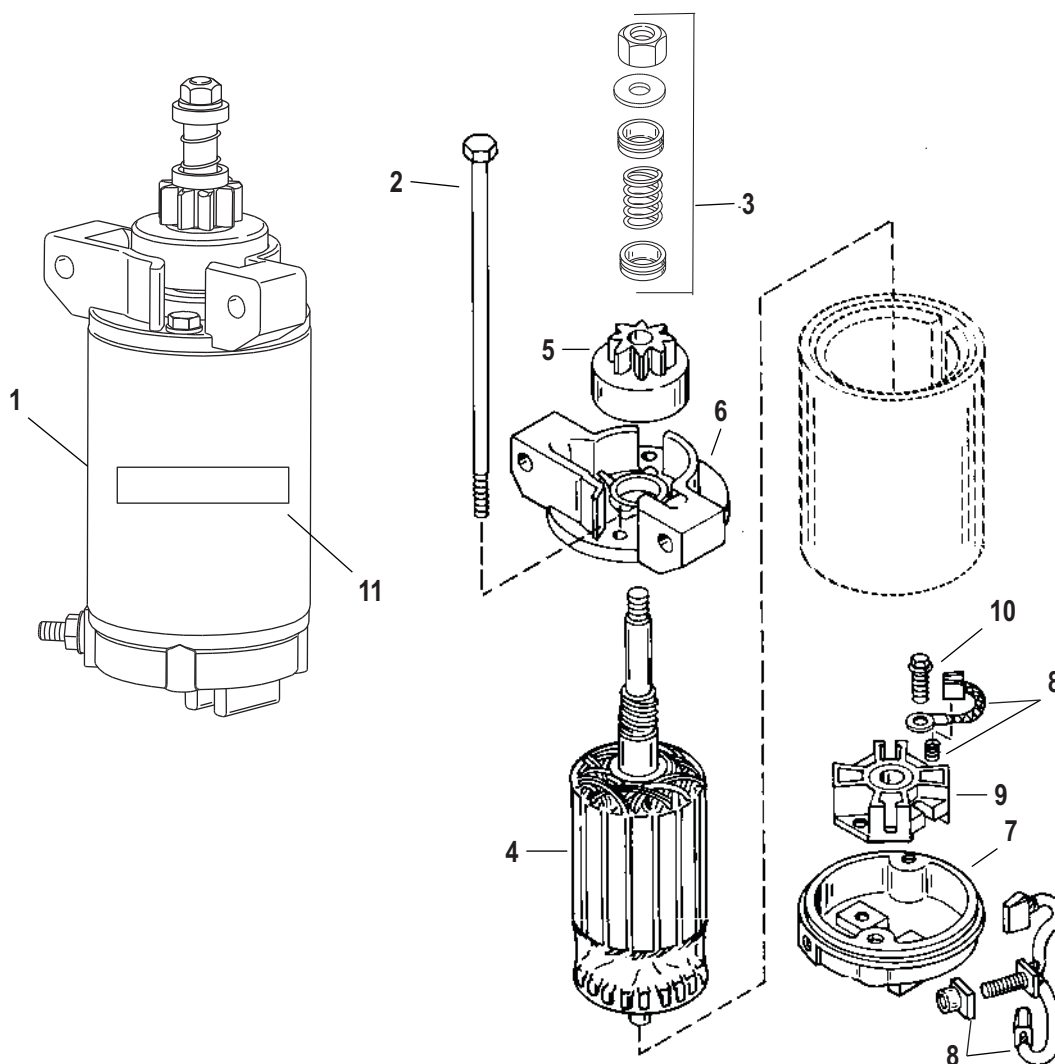


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Ignition Coil S/N-USA-0T980000/BEL-0P325500 and Up

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	892858T	PLATE Coil Mounting		1	
2	0339	879984T00	COIL Ignition		3	
3	0084	881908T	CABLE SET		1	
4	0023	892863001	SPACER		4	
5	0010	82129145	SCREW (M6 x 45)		4	
6	0000	882751A1	RELAY ASSEMBLY		1	
7	0000	828102	BRACKET		1	
8	0025	818967	GROMMET		1	
9	0023	818968	BUSHING		1	
10	0010	82129125	SCREW (M6 x 25 MM)		1	
11	0023	856954	BUSHING		2	
12	0025	834985	GROMMET		2	
13	0012	4002316	WASHER (6.60 X 17.0 X 1.5SS)		3	
14	0010	82684430	SCREW (M6 x 30)		3	
15	0010	82129114	SCREW (M6 x 14)		1	
16	0023	892863002	SPACER		2	
17	0012	29245	WASHER (.281 x .500 x .060) Stainless Steel		1	
18	0084	858414A3	CABLE ASSEMBLY		1	
19	0010	82129155	SCREW (M6 x 55)		2	

Starter Motor

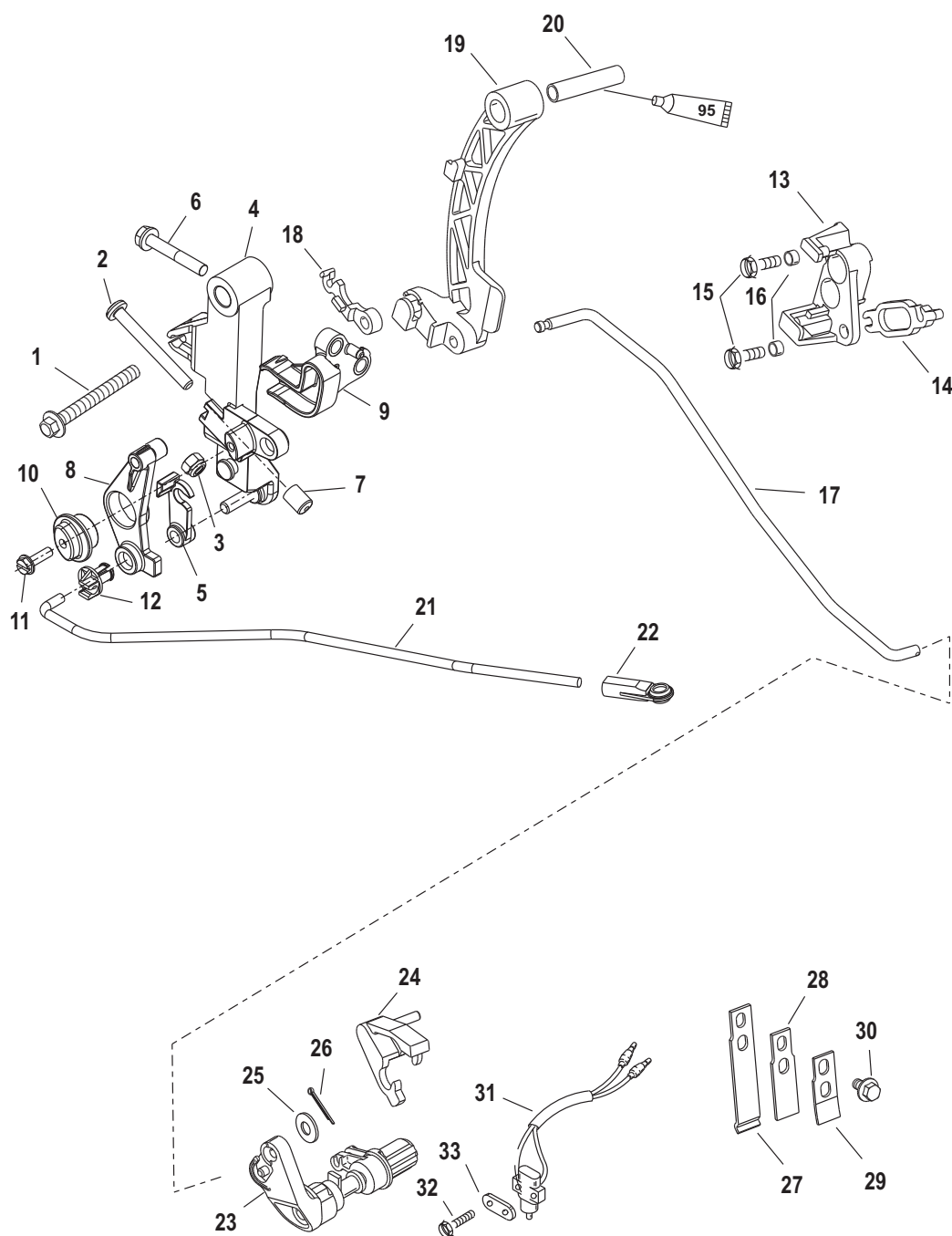


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Starter Motor

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0050	884045T	STARTER MOTOR ASSEMBLY	[USA-0T800999/BEL-0P267999] & Below	1	
1	0050	888160T	STARTER MOTOR ASSEMBLY	[USA-0T801000/BEL-0P268000] & Up	1	
2	0010	965661	THRU BOLT		2	
3	0000	906434	DRIVE KIT	[USA-0T800999/BEL-0P267999] & Below	1	
3	0000	891752	DRIVE KIT	[USA-0T801000/BEL-0P268000] & Up	1	
4	0000	8236384	ARMATURE	[USA-0T800999/BEL-0P267999] & Below	1	
4	0000	891753001	ARMATURE	[USA-0T801000/BEL-0P268000] & Up	1	
5	0000	68575T2	PINION	[USA-0T800999/BEL-0P267999] & Below	1	
5	0000	891754T	PINION	[USA-0T801000/BEL-0P268000] & Up	1	
6	0000	8236392	DRIVE CAP		1	
7	0000	8119011	CAP Commutator		1	
8	0000	753841	BRUSH/SPRING KIT		1	
9	0000	61787	HOLDER		1	
10	0000	F15158	SCREW		2	
11	0037	8272822	DECAL Warning High Voltage		1	

Linkage

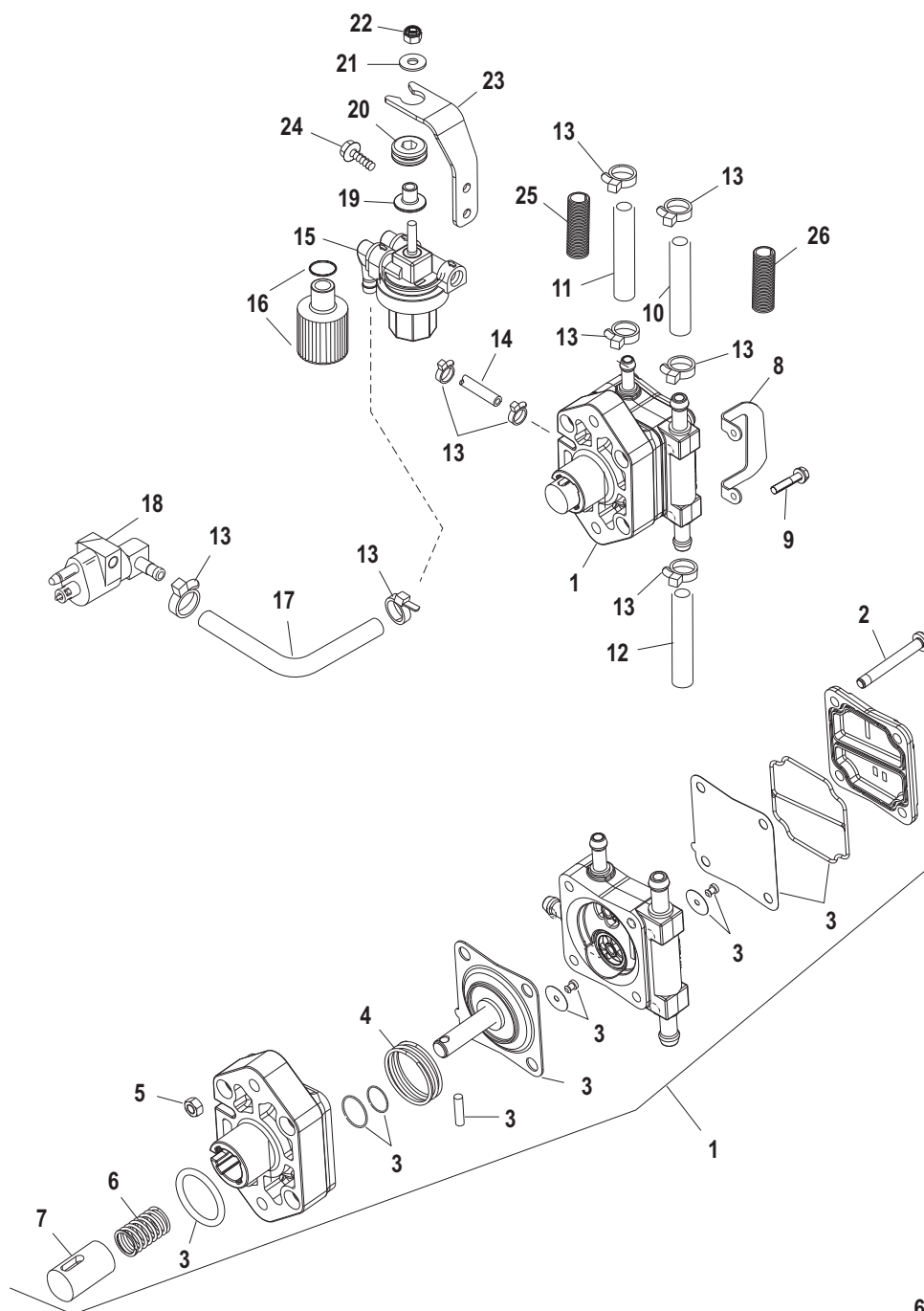


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Linkage

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0010	40011158	SCREW (M8 x 70) Stainless Steel		1	
2	0010	8147763	SCREW (M6 x 60)		1	
3	0011	401196	NUT (M6)		1	
4	0000	822682A4	LEVER ASSEMBLY Throttle		1	
5	0000	883160	RETAINER	(NON HANDLE)	1	
6	0010	8248329	SCREW (M6 x 40)		2	
7	0000	42942	CAP		1	
8	0000	883006A1	ARM ASSEMBLY Throttle		1	
9	0000	879865	CAM Throttle		1	
10	0023	883005	BUSHING		1	
11	0010	8214281	SCREW (#10-16 x .625)		1	
12	0023	932481	BUSHING		1	
13	0000	827706A4	BRACKET	(NON HANDLE)	1	
14	0000	98889	LATCH	(NON HANDLE)	1	
15	0010	8248324	SCREW (M6 x 16)	(NON HANDLE)	2	
16	0023	15885	SLEEVE	(NON HANDLE)	2	
17	0000	882820	SHIFT ROD	(NON HANDLE)	1	
18	0000	822459	RETAINER	(NON HANDLE)	1	
19	0000	8259571	LEVER Shift	(NON HANDLE)	1	
20	0023	825078	BUSHING		1	
21	0000	881062A1	LINK ASSEMBLY Throttle		1	
22	0000	19384	SOCKET		1	
23	0000	826588A4	SHIFT SHAFT ASSEMBLY Horizontal		1	
24	0000	8277071	RETAINER		1	
25	0012	29245	WASHER (.281 x .500 x .060) Stainless Steel		1	
26	0018	210711	COTTER PIN		1	
27	0024	826077	SPRING Detent		1	
28	0024	824993	SPRING Backing		2	
29	0000	824994	SPRING Plate		1	
30	0010	40011107	SCREW (M5 x 16) Stainless Steel		2	
31	0087	813960A3	SWITCH	(ELECTRIC HANDLE MODELS)	1	
32	0010	88075020	SCREW (M3 x 20)	(ELECTRIC HANDLE MODELS)	2	
33	0000	824923	PLATE Switch	(ELECTRIC HANDLE MODELS)	1	

Fuel Pump

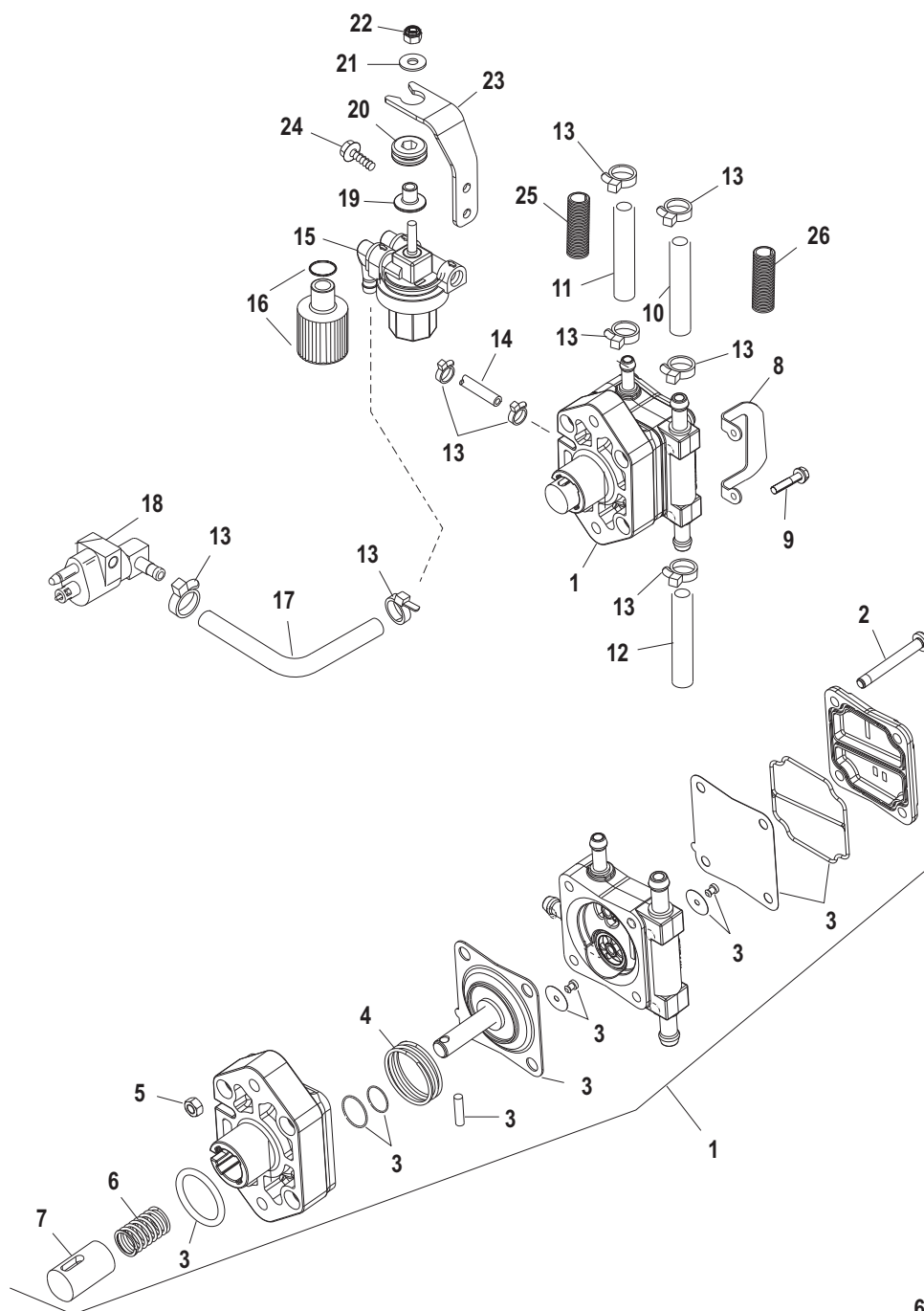


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Fuel Pump

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	881862T	PUMP Fuel	[0T939654] & Below	1	
1	0000	881862T	PUMP Fuel	[0P301503] & Below	1	
1	0000	881862T08	PUMP Fuel	[0T939655] THRU [1B050000]	1	
1	0000	881862T08	PUMP Fuel	[0P301503] THRU [0P340403]	1	
1	0000	892874T01	PUMP ASSEMBLY Fuel	(Sold Complete Only) [1B050001] & Up	1	
1	0000	892874T01	PUMP ASSEMBLY Fuel	(Sold Complete Only) [0P340404] & Up	1	
2	0010	883517	SCREW	[1B050000] & Below	4	
2	0010	883517	SCREW	[0P340403] & Below	4	
3	0000	883520A1	DIAPHRAGM KIT	[1B050000] & Below	1	
3	0000	883520A1	DIAPHRAGM KIT	[0P340403] & Below	1	
4	0024	8835181	SPRING	[1B050000] & Below	1	
4	0024	8835181	SPRING	[0P340403] & Below	1	
5	0011	883519	NUT	[1B050000] & Below	4	
5	0011	883519	NUT	[0P340403] & Below	4	
6	0024	883518A2	SPRING	[0T939654] & Below	1	
6	0024	883518A2	SPRING	[0P301503] & Below	1	
6	0024	883518A03	SPRING	[0T939655] THRU [1B050000]	1	
6	0024	883518A03	SPRING	[0P301503] THRU [0P340403]	1	
7		NSS	NOT SOLD SEPARATE Cap	[0T939655] THRU [1B050000]	1	
8	0000	8566031	DEFLECTOR Cowl		1	
9	0010	82684430	SCREW (M6 x 30)		2	
10	0032	830757130	TUBING (.312) (70.00 Inches Bulk) To VST Cooler (Cut to 29 IN.)	[USA-0T939654] & Below	1	
10	0032	830757130	TUBING (.312) (70.00 Inches Bulk) To VST Cooler (Cut to 31 IN.)	[USA-0T939654] & Up	1	
11	0032	830756109	HOSE (57.00 Inches Bulk) To Vapor Separator Cover (Cut to 16 IN.)		1	
12	0032	830757130	TUBING (.312) (70.00 Inches Bulk) To Telltale (Cut to 6 IN.)		1	
13	0054	816311T	TIE STRAP (8.00 Inches)		AR	
14	0032	830756109	HOSE (57.00 Inches Bulk) (Cut to 8 IN.)		1	
15	0035	879884T	FILTER ASSEMBLY Fuel		1	
16	0035	8M0149607	FUEL FILTER KIT		1	
17	0032	830756109	HOSE (57.00 Inches Bulk) (Cut to 38 IN.)		1	
18	0022	816856A4	CONNECTOR ASSEMBLY Fuel		1	
19	0023	856954	BUSHING		1	
20	0025	834985	GROMMET		1	
21	0012	4002316	WASHER (6.60 X 17.0 X 1.5SS)		1	
22	0011	401196	NUT (M6)		1	
23	0000	880121	BRACKET		1	
24	0010	40011126	SCREW (M6 x 13) Stainless Steel	(NON-HANDLE)	2	

Fuel Pump



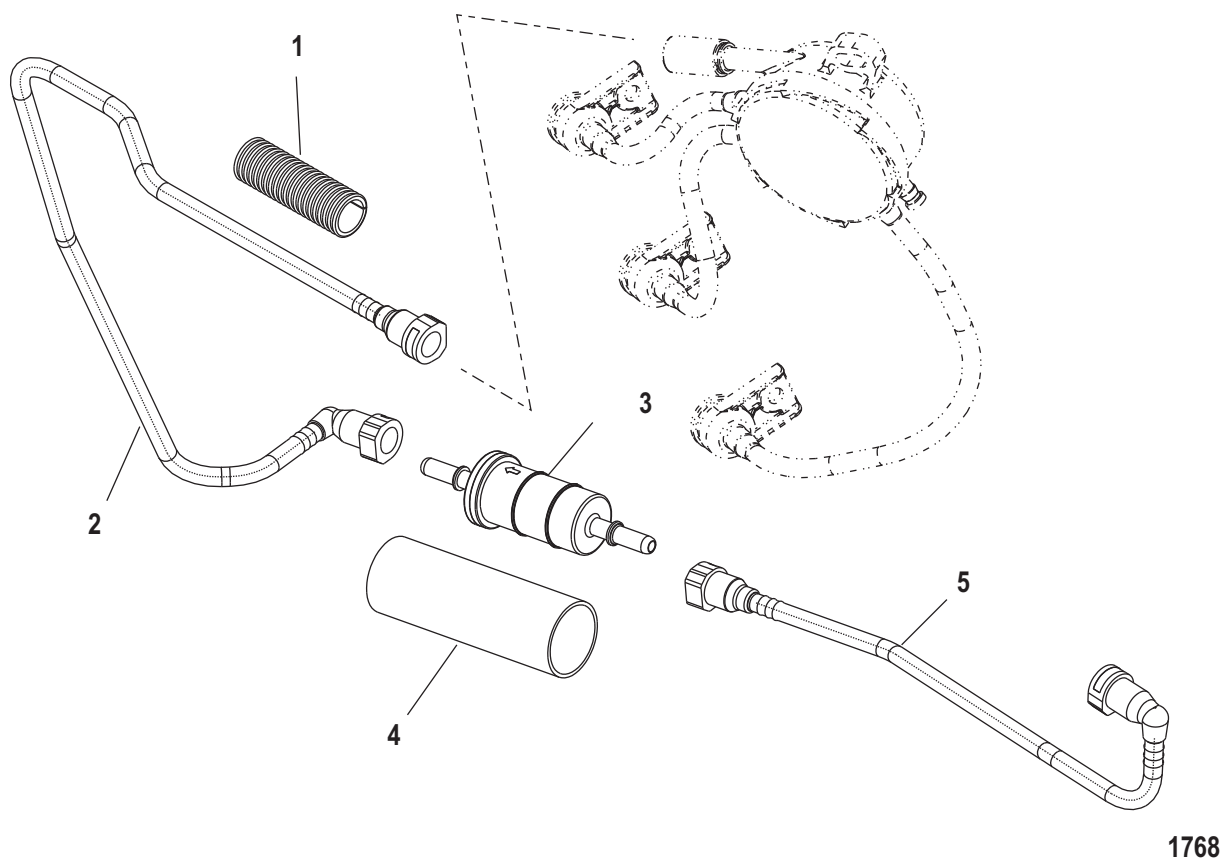
68956

Cat.# 90-88394302

Fuel Pump

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
25	0032	828547T1	CONDUIT (.500 Inside Diameter x 3.00 Feet Bulk) (13 IN.)		1	
26	0032	828547T1	CONDUIT (.500 Inside Diameter x 3.00 Feet Bulk) (26 IN.)		1	

Fuel Lines



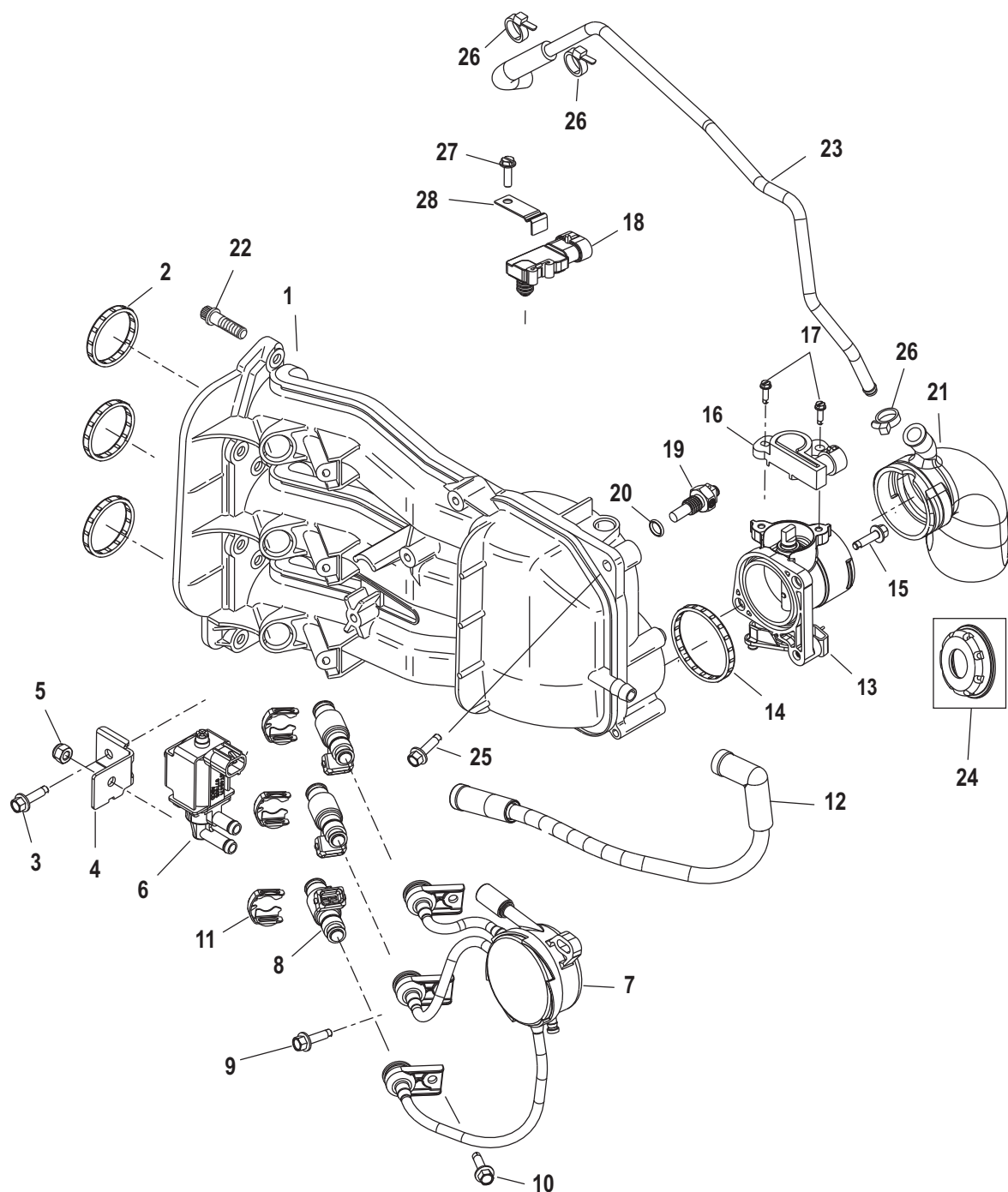
Fuel Lines

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0032	828547353	CONDUIT (.350 Inside Diameter x 3.00 Feet Bulk) (22 IN.)		1	
2	0032	880154	LINE Fuel		1	
3	0035	879885T	FILTER Fuel		1	[1]
4	0000	8775381	PROTECTIVE SLEEVE		1	
5	0032	877811	LINE Fuel		1	

PART NOTES:

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

Intake Manifold



1770

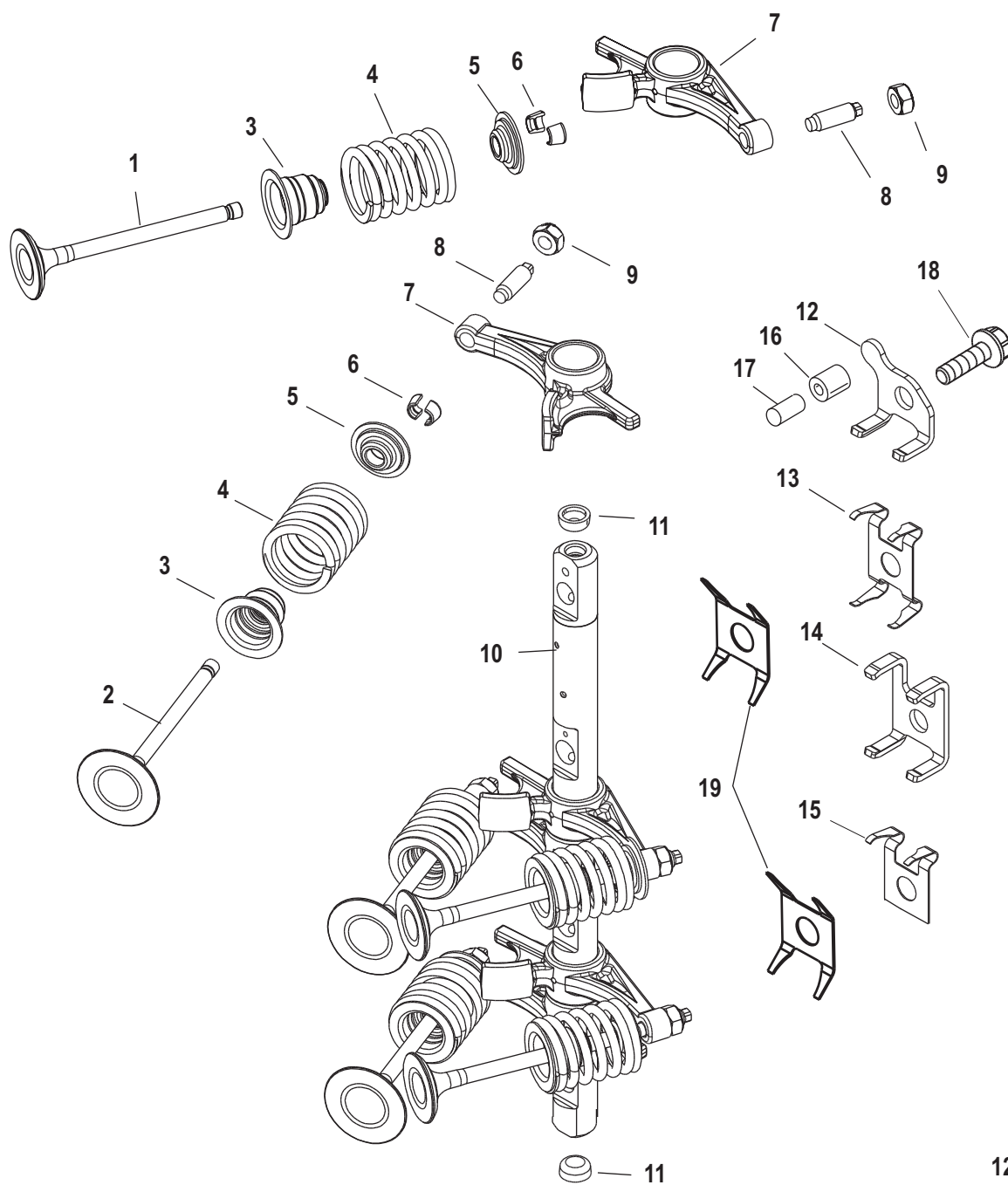
Intake Manifold

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	878139T	MANIFOLD Intake		1	
2	0027	879866	GASKET SET	(Contains 4 Gaskets)	1	[1]
3	0010	881059	SCREW		1	
4	0000	877834	BRACKET		1	
5	0011	401366	NUT (M6) Stainless Steel		1	
6	0000	877805T	SOLENOID VALVE		1	
7	0000	879886T	TFI SYSTEM		1	
8	0000	877826	INJECTOR	[USA-0T979999/BEL-0P325499] & Below	3	
8	0000	892123001	INJECTOR	[USA-0T980000/BEL-0P325500] & Up	3	
-	0025	883597	O-RING KIT Injector	(UPPER)	1	
-	0025	883598	O-RING KIT Injector	(LOWER)	1	
9	0010	881059	SCREW		2	
10	0010	881059	SCREW		3	
11	0054	883460	CLIP		3	
12	0032	877831A1	HOSE		1	
13	0000	877831T1	THROTTLE BODY		1	
14	0027	879867	GASKET		1	
15	0010	881059	SCREW		2	
16	0000	881070T	SENSOR Position		1	
17	0010	881060	SCREW		2	
18	0000	854445	SENSOR MAP		1	
19	0000	885342001	SENSOR ASSEMBLY	(BRASS HOUSING)	1	
19	0000	858535	SENSOR ASSEMBLY Temperature	(PLASTIC)	1	
20	0025	888814	O-RING (.351 x .072)	(Use with Brass Housing)	1	
20	0025	627021	O-RING (.301 x .070)	(Use with Plastic Housing)	1	
21	0000	881063T	ATTENUATOR Sound		1	
22	0010	8248326	SCREW (M6 x 25 MM)		4	
23	0032	880754A2	BREATHER HOSE		1	
24	0000	8831481	RESTRICTOR	(30)	1	
25	0010	82684430	SCREW (M6 x 30)		1	
26	0054	816311T	TIE STRAP (8.00 Inches)		3	
27	0010	8214281	SCREW (#10-16 x .625)		1	
28	0000	883832	RETAINER		1	
-	0027	859352A02	GASKET SET		1	

PART NOTES:

[1] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 859352A02

Intake/Exhaust Valves



1279

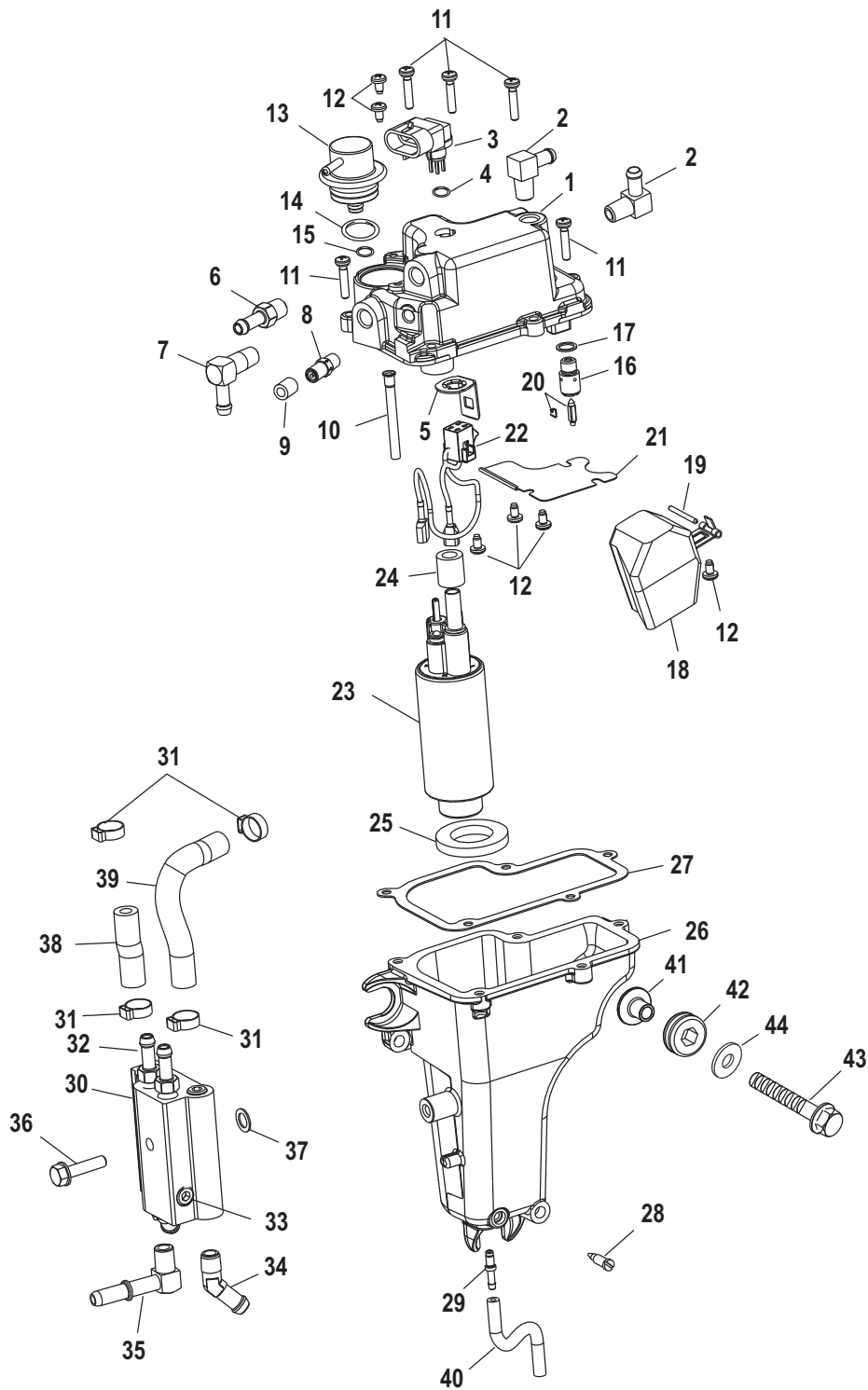
Intake/Exhaust Valves

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	832991T3	VALVE Exhaust		3	[1]
2	0000	832990T3	VALVE Intake		3	[1]
3	0026	858271	SEAL Valve Stem		6	[2]
4	0024	858268	SPRING Valve - Outer		6	[1]
5	0000	822650	RETAINER		6	[1]
6	0028	822651	KEY		12	[1]
7	0000	825045A2	ROCKER ARM		6	[1]
8	0010	825046	SCREW		6	[1]
9	0011	826150	NUT		6	[1]
10	0000	834780T1	SHAFT Rocker		1	[1]
11		NSS	NOT SOLD SEPARATE Plug			
12	0000	859577	BRACKET		1	[1]
13	0024	8250521	SPRING		1	[1]
14	0000	858275	BRACKET		1	[1]
15	0024	854713	SPRING		1	[1]
16	0027	859576	GASKET		1	[1]
17	0017	859575	PIN Cam Thrust		1	[1]
18	0010	875218	SCREW (M8 x 23)		4	[1]
19	0024	889775	SPRING Overload		2	
-	0000	877568T8	CYLINDER HEAD ASSEMBLY		1	
-	0027	859352A02	GASKET SET		1	

PART NOTES:

- [1] - COMPONENT OF CYLINDER HEAD ASSEMBLY 877568T 8
- [2] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 859352A02
COMPONENT OF CYLINDER HEAD ASSEMBLY 877568T 8

Vapor Separator (USA-1B036613/BEL-0P340241 and below)



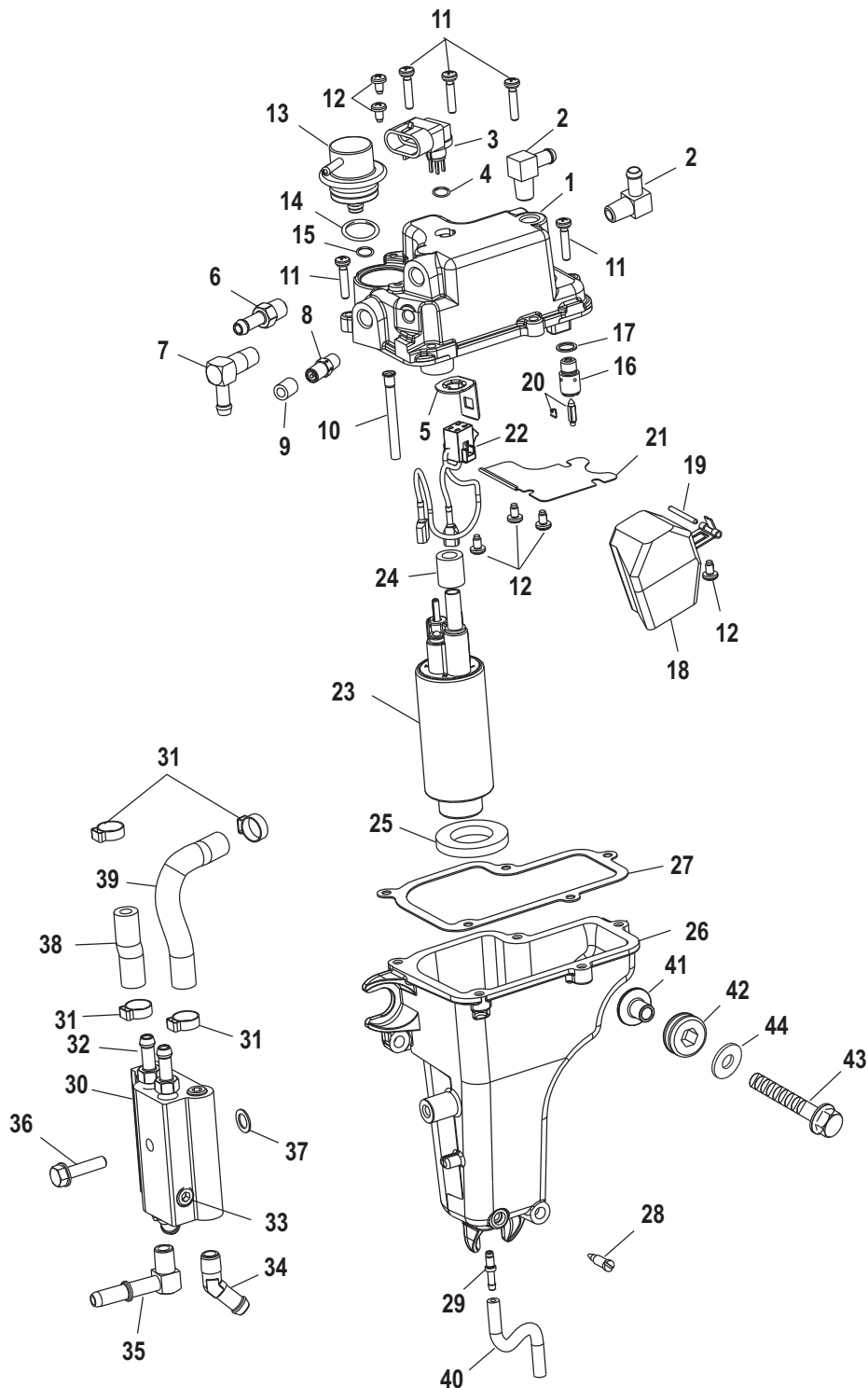
1771

Vapor Separator (USA-1B036613/BEL-0P340241 and below)

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	883214T1	COVER KIT		1	
2	0022	8554246	FITTING		2	
3	0000	883210A1	PASS THRU KIT Electrical		1	
4	0025	883209	O-RING		1	
5		NSS	NOT SOLD SEPARATE Retainer			
6	0022	883205	FITTING		1	
7	0022	883218	FITTING		1	
8	0000	883219	VALVE		1	
9	0000	883220	CAP		1	
10	0000	883215	TUBE Drain		1	
11	1395	9643	SCREW		5	
12	0010	883223	SCREW (M6 x 16)		6	
13	0000	883257T1	REGULATOR		1	
14	0025	883593A1	O-RING KIT		1	
15		NSS	NOT SOLD SEPARATE O Ring			
16	0000	883224A1	SEAL KIT		1	
17	0027	883216	GASKET		1	
18	0000	883221A1	FLOAT KIT		1	
19	0000	F10064	SHAFT		1	
20	0000	883222A1	NEEDLE KIT Inlet		1	
21	0000	883546	BAFFLE Fuel		1	
22	0084	883226	HARNESS ASSEMBLY		1	
23	0000	883202T1	PUMP KIT	[USA-0T979999/BEL-0P325499] & Below	1	
23	0000	883202T02	PUMP KIT	[USA-0T980000/BEL-0P325500] & Up	1	
24	0023	855428	SLEEVE		1	
25	0025	883203	GROMMET		1	
26	0000	883211T1	BOWL KIT Fuel		1	
27	0027	883213	GASKET		1	[1]
28	0010	883212001	SCREW Drain		1	
29	0022	8554241	FITTING		1	
30	0000	883204T1	BODY KIT Fuel Cooler		1	
31	0054	889425	CLAMP		4	
32	0022	883205	FITTING		2	
33	0019	883208	PLUG		5	
34	0022	782792	FITTING Elbow 45 Degree (1.25)		2	
35	0022	883207	FITTING Elbow		1	
36	0010	883227	SCREW		1	
37	0027	883225	GASKET		1	
38	0032	883545	HOSE (4.50 Inches Bulk) (Cut to 1-5/8 IN.)		1	
39	0032	883545	HOSE (4.50 Inches Bulk) (Cut to 4-1/2 IN.)		1	
40	0032	8835451	HOSE		1	
41	0023	856954	BUSHING		3	
42	0025	834985	GROMMET		3	

Vapor Separator (USA-1B036613/BEL-0P340241 and below)

Vapor Separator (USA-1B036613/BEL-0P340241 and below)



1771

Cat.# 90-88394302

Vapor Separator (USA-1B036613/BEL-0P340241 and below)

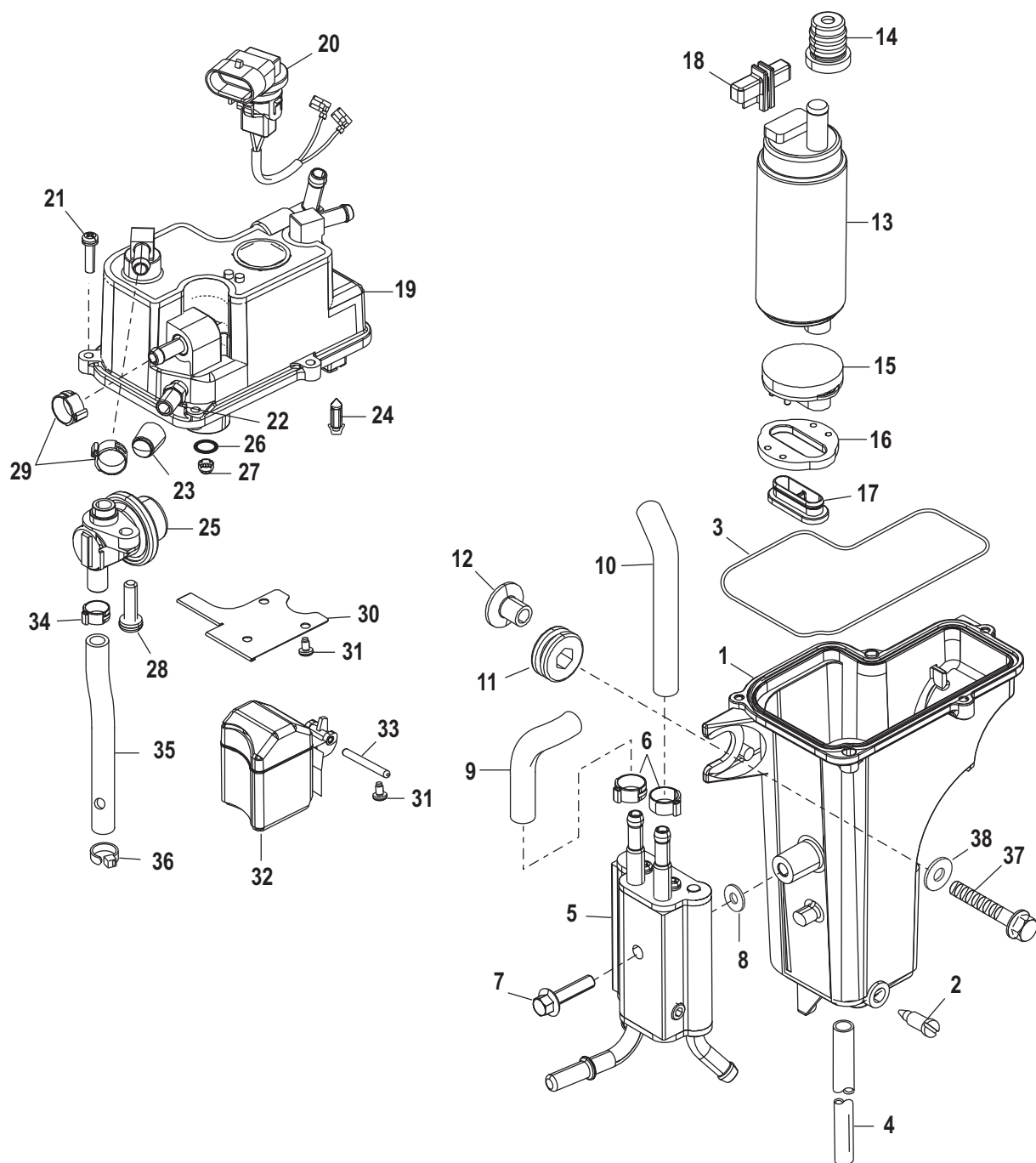
Ref #	Part Class	Part Number	Description	Comments	Qty	Note
43	0010	82130025	SCREW (M6 x 25)		3	
44	0012	4002316	WASHER (6.60 X 17.0 X 1.5SS)		3	
-	0027	859352A02	GASKET SET		1	

PART NOTES:

[1] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 859352A02

Vapor Separator (USA-1B036613/BEL-0P340241 and below)

Vapor Separator (USA-1B036614/BEL-0P340242 and above)



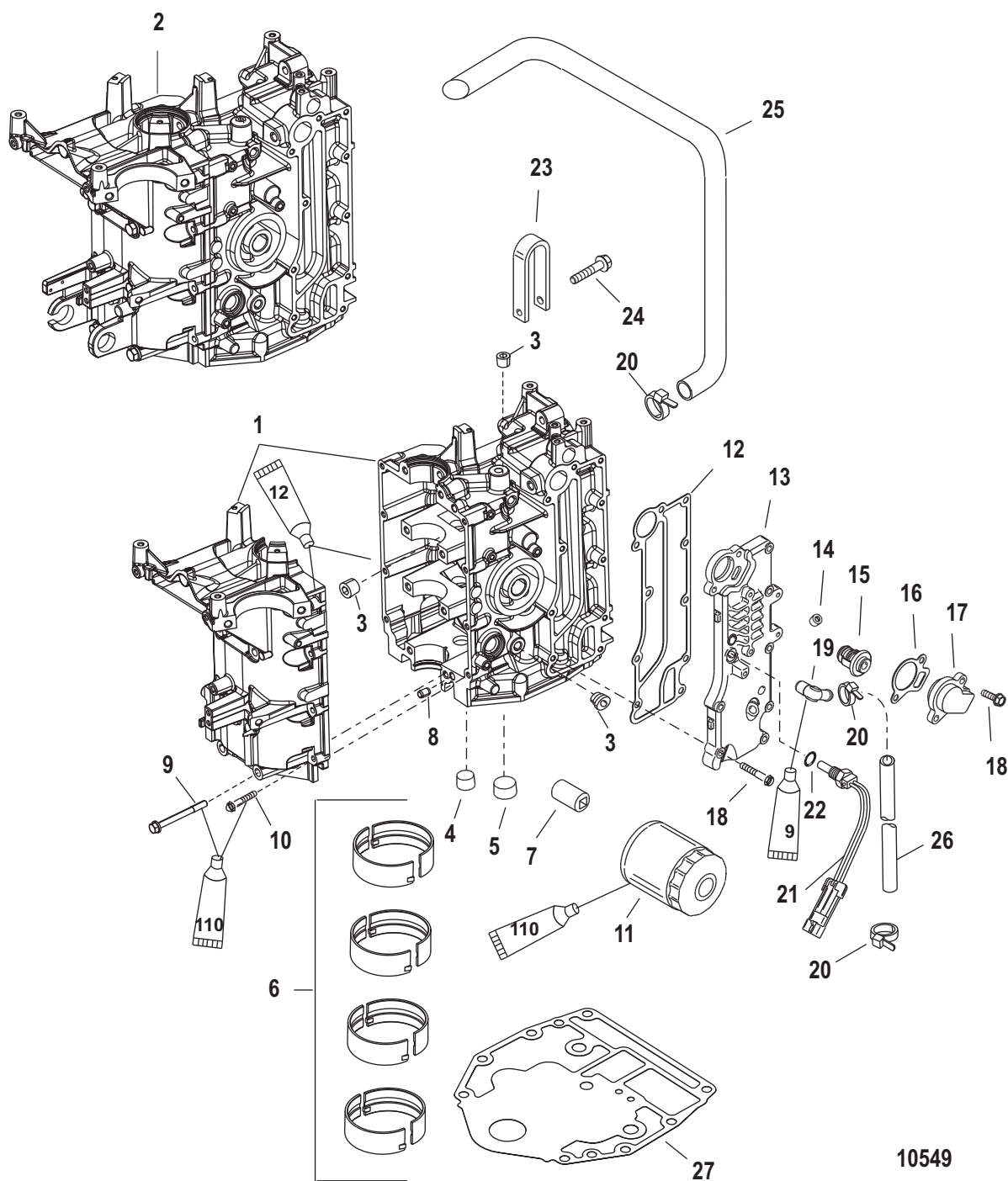
8021

Vapor Separator (USA-1B036614/BEL-0P340242 and above)

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-		892267T01	VAPOR SEPARATOR ASSEMBLY Complete		1	
1	0000	892267A54	BODY ASSEMBLY		1	
2	0010	892267506	SCREW Drain		1	
3	0025	892267530	O-RING		1	
4	0032	85583464	TUBING (34.00 Inches Bulk) (Cut to 9 Inches)		1	
5	0000	892267A55	COOLER ASSEMBLY Fuel		1	
6	0054	888988023	CLAMP		2	
7	0010	82130025	SCREW (M6 x 25)		1	
8	0012	892267511	WASHER		1	
9	0032	892267504	HOSE		1	
10	0032	892267503	HOSE		1	
11	0025	834985	GROMMET		3	
12	0023	856954	BUSHING		3	
13	0000	892267A51	PUMP KIT Fuel (Also includes cover to body o ring 25-892267530)		1	
14	0000	892267521	INSULATOR		1	
15	0000	892267510	ISOLATOR		1	
16	0000	892267523	INSULATOR		1	
17	0000	892267534	STRAINER Fuel		1	
18	0000	892267519	COVER		1	
19	0000	892267T57	COVER ASSEMBLY		1	
20	0000	892267535	CONNECTOR Electrical		1	
21	0010	892267531	SCREW (M4 x 16)		5	
22	0000	892267537	VALVE Schrader		1	
23	0000	883220	CAP		1	
24	0000	892267A52	FLOAT VALVE KIT		1	
25	0000	892267A50	REGULATOR KIT Pressure		1	
26	0025	892267513	O-RING		1	
27	0000	892267512	SCREEN		1	
28	0010	892267515	SCREW (M5 x 18)		1	
29	0054	888988023	CLAMP		2	
30	0000	892267520	PLATE		1	
31	0010	892267529	SCREW (M4 x 8)		5	
32	0000	892267527	FLOAT		1	
33	0017	892267528	PIN Float		1	
34	0054	892267517	CLIP		1	
35	0032	892267516	HOSE		1	
36	0000	56762	TIE STRAP (4.00 Inches)		1	
37	0010	82130025	SCREW (M6 x 25)		3	
38	0012	4002316	WASHER (6.60 X 17.0 X 1.5SS)		3	

Vapor Separator (USA-1B036614/BEL-0P340242 and above)

Cylinder Block

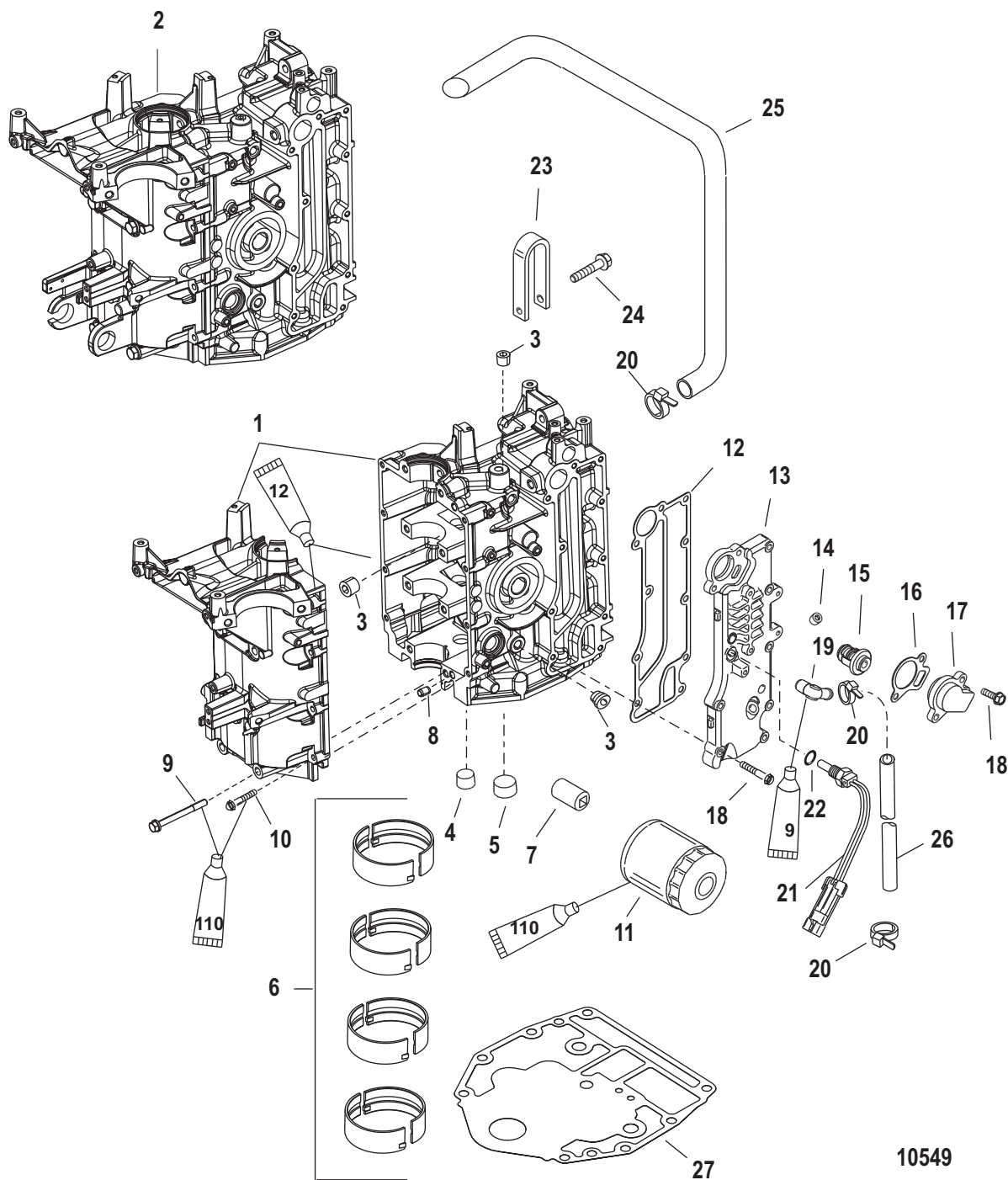


10549

Cylinder Block

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0803	850082T34	CYLINDER BLOCK		1	[1]
2	0803	850082T35	CYLINDER BLOCK (Bigfoot)		1	[1]
3	0022	479452	PLUG		3	[1]
4	0022	384073	PLUG Pipe (.500-14)		1	[1]
5	0022	416223	PLUG Pipe (.750-14)		1	[1]
6	0023	825024	BEARING Brown		8	[1]
6	0023	8250241	BEARING Black		8	[1]
6	0023	8250242	BEARING Blue		8	[1]
7	0000	822625	NIPPLE (M20)		1	[1]
8	0017	825010	PIN Dowel		2	[1]
9	0010	82506182	SCREW (M8 x 82)		8	[1]
10	0010	88348935	SCREW (M6 x 35)		8	[1]
11	0035	822626T2	FILTER Oil	[USA-0T800999/BEL-0P267999] & Below	1	[1]
11	0035	822626K04	FILTER Oil	[USA-0T801000/BEL-0P268000] & Up	1	[2]
12	0027	834775004	GASKET	[USA-0T979999/BEL-0P325499] & Below	1	[3]
12	0027	834775005	GASKET	[USA-0T980000/BEL-0P325500] & Up	1	[3]
13	0000	834776T4	COVER Exhaust		1	[1]
14	0022	479452	PLUG		1	[1]
15	0000	825212	THERMOSTAT	[USA-0T979999/BEL-0P325499] & Below	1	[1]
15	0000	825212001	THERMOSTAT	[USA-0T980000/BEL-0P325500] & Up	1	[1]
16	0027	824853	GASKET		1	[3]
17	0000	8250311	COVER		1	[1]
18	0010	88348935	SCREW (M6 x 35)		10	[1]
19	0022	996642	FITTING Elbow 90 Degree (.125-27 x .250) Nylon		1	[1]
20	0054	816311T	TIE STRAP (8.00 Inches)		3	
21	0000	858535	SENSOR ASSEMBLY Temperature	(PLASTIC)	1	
21	0000	885342001	SENSOR ASSEMBLY	(BRASS HOUSING)	1	
22	0025	627021	O-RING (.301 x .070)	(Use with Plastic Housing)	1	[4]
22	0025	888814	O-RING (.351 x .072)	(Use with Brass Housing)	1	
23	0000	8525601	LIFTING EYE		1	[1]
24	0010	857139	SCREW (M8 x 35)		1	[1]
25	0032	77653101	HOSE (48.00 Inches Bulk) (Cut to 19 IN.)		1	
26	0032	830757130	TUBING (.312) (70.00 Inches Bulk) To Fitting in Adapter Plate (Cut to 10 IN.)		1	
27	0027	859352	GASKET	[USA-0T979999/BEL-0P325499] & Below	1	[3]
27	0027	892319001	GASKET	[USA-0T980000/BEL-0P325500] & Up	1	[3]
28	0032	897777002	SLEEVE (1.50 Inches)		1	
-	0061	803017T01	POWERHEAD ASSEMBLY		1	

Cylinder Block



10549

Cat.# 90-88394302

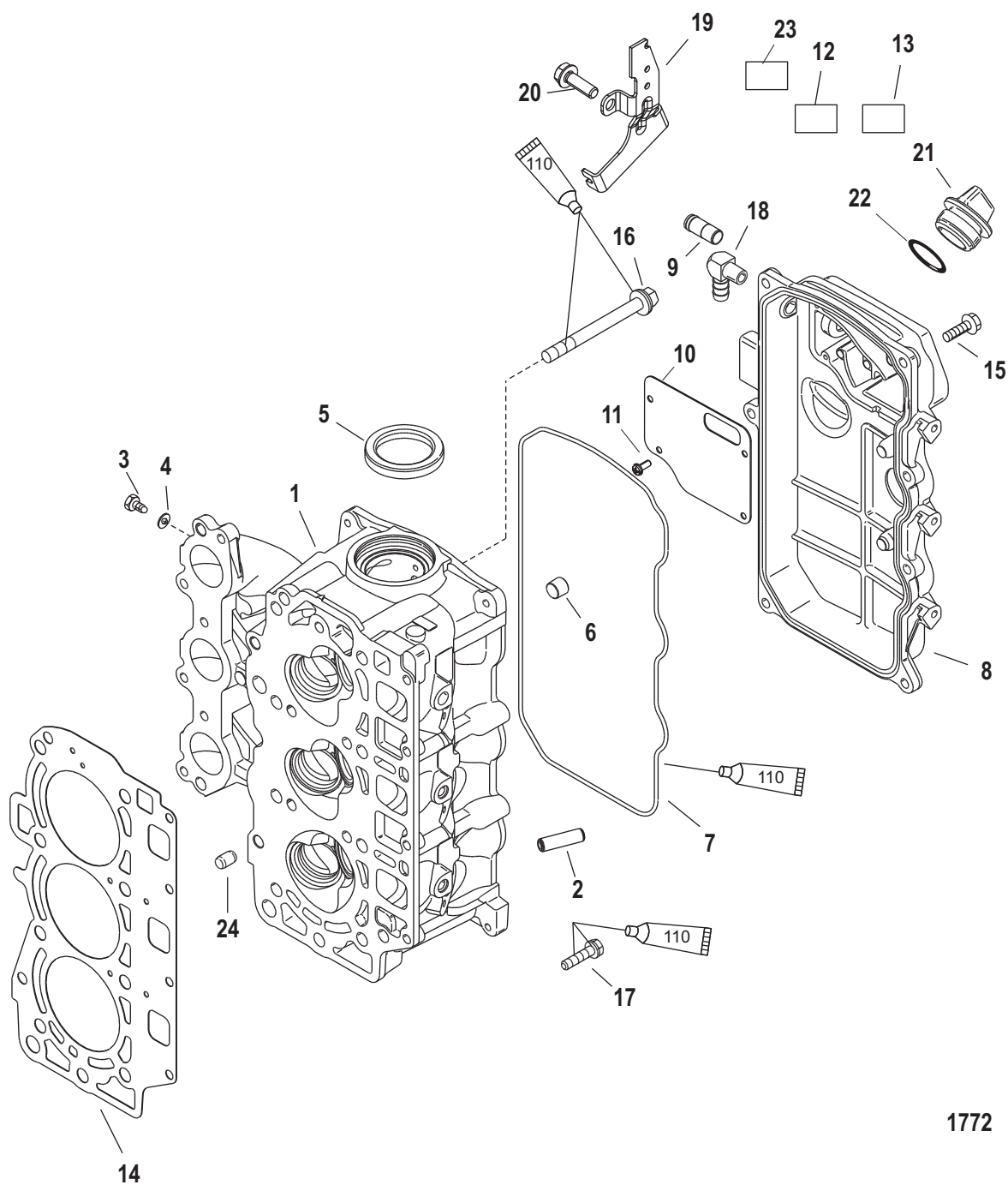
Cylinder Block

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0027	859352A02	GASKET SET		1	

PART NOTES:

- [1] - COMPONENT OF POWERHEAD/PARTIAL ENGINE 803017T01
- [2] - Alternate part numbers:
822626K04MPP
822626Q05QS
COMPONENT OF POWERHEAD/PARTIAL ENGINE 803017T01
- [3] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 859352A02
COMPONENT OF POWERHEAD/PARTIAL ENGINE 803017T01
- [4] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 859352A02

Cylinder Head



1772

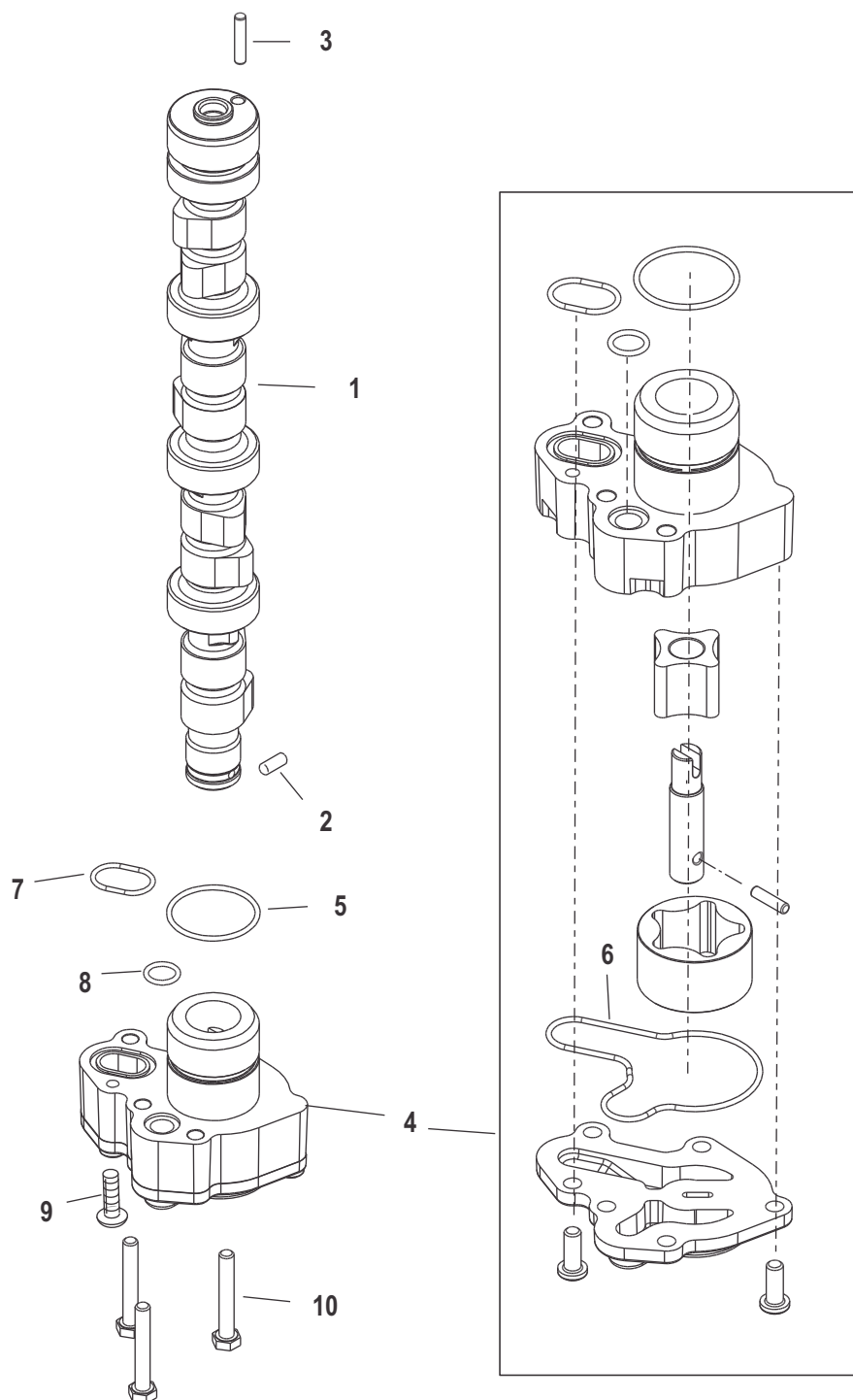
Cylinder Head

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	877568T8	CYLINDER HEAD ASSEMBLY		1	
1	0000	877568T	CYLINDER HEAD		1	[1]
2	0000	858266	GUIDE		6	[1]
3	0010	4000325	SCREW (M6 x 8)		3	[1]
4	0012	859768	WASHER		3	[1]
5	0026	858267	SEAL Oil		1	[1]
6	0022	875209	PIPE PLUG		5	[1]
7	0025	854341	O-RING		1	[2]
8	0000	834779A1	COVER		1	
9	0022	825054	BREATHER PIPE		1	
10	0000	855236	PLATE Baffle		1	
11	0010	4005685	SCREW (M4 x 10)		4	
12		NSS	NOT SOLD SEPARATE Decal-Servicing Referral		1	
13		NSS	NOT SOLD SEPARATE Decal-Engine Oil/Valve Clearance		1	
14	0027	834777	GASKET		1	[3]
15	0010	40011128	SCREW (M6 x 20) Stainless Steel		7	
16	0010	82503395	SCREW (M9 x 95)		8	
17	0010	82500925	SCREW (M6 x 25)		4	
18	0022	629101	FITTING Elbow - 90 Degree (.125-27)		1	
19	0000	830294T3	BRACKET	(HANDLE)	1	
20	0010	40011128	SCREW (M6 x 20) Stainless Steel	(HANDLE)	2	
21	0000	859578A1	PLUG ASSEMBLY Oil		1	
22	0025	90196	O-RING (.921 x .139)		1	[2]
23		NSS	NOT SOLD SEPARATE Decal-HP-ID	30	1	
23		NSS	NOT SOLD SEPARATE Decal-HP-ID	40	1	
24	0017	825010	PIN Dowel		2	
-	0061	803017T01	POWERHEAD ASSEMBLY		1	
-	0027	859352A02	GASKET SET		1	

PART NOTES:

- [1] - COMPONENT OF CYLINDER HEAD ASSEMBLY 877568T 8
- [2] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 859352A02
- [3] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 859352A02
COMPONENT OF POWERHEAD/PARTIAL ENGINE 803017T01

Camshaft/Oil Pump



1773

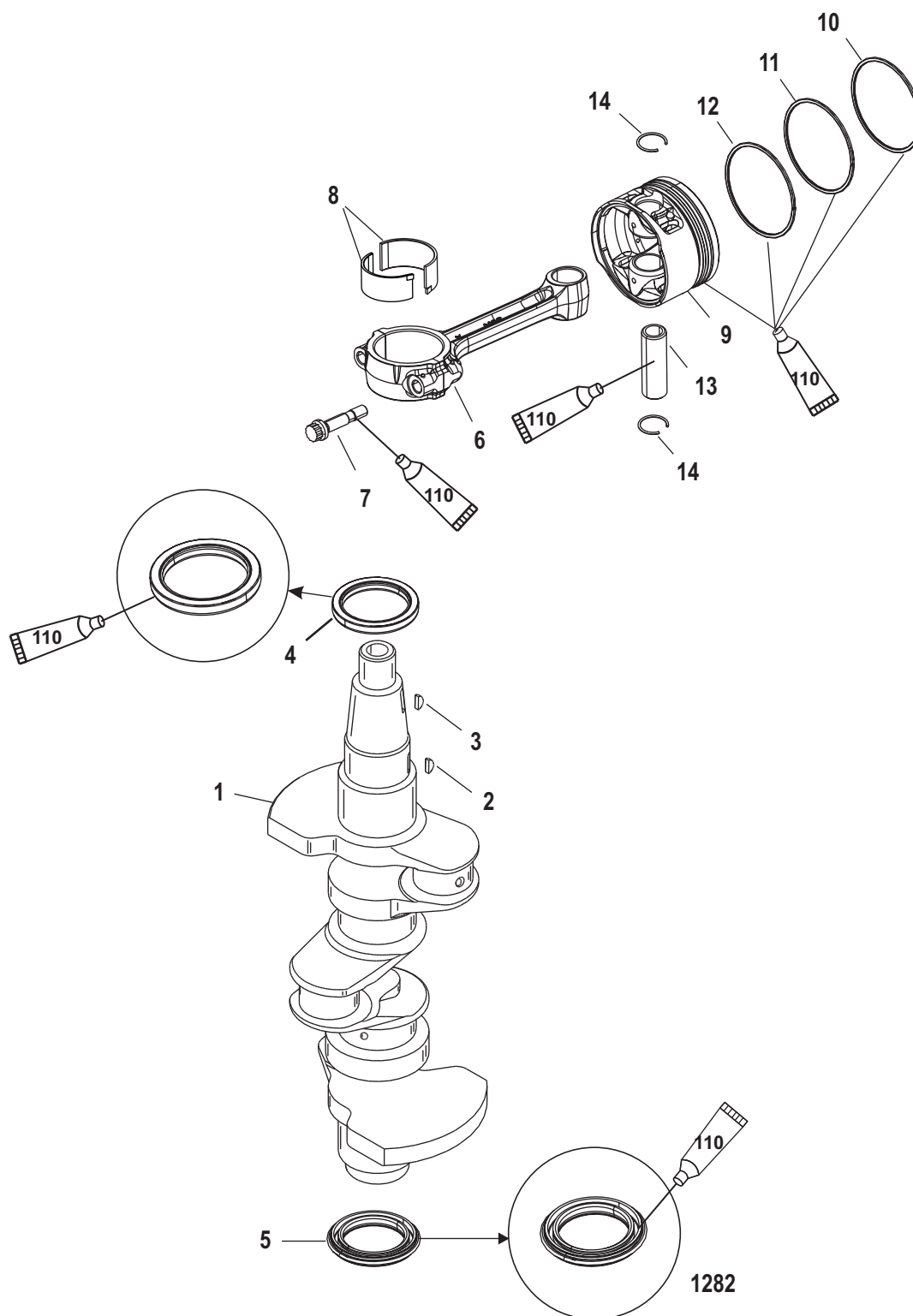
Camshaft/Oil Pump

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0402	834781T1	CAMSHAFT		1	[1]
2	0017	826149	PIN		1	[1]
3	0017	878183	PIN Dowel		1	[1]
4	0000	857087T1	PUMP ASSEMBLY Oil		1	[1]
5	0025	857096	O-RING		1	[2]
6		NSS	NOT SOLD SEPARATE O Ring		1	
7	0025	857094	O-RING		1	[2]
8	0025	857093	O-RING		1	[2]
9	0010	875206	SCREW (M6 x 16)		2	[1]
10	0010	4000333	SCREW (M6 x 40)		4	[1]
-	0000	877568T8	CYLINDER HEAD ASSEMBLY		1	
-	0027	859352A02	GASKET SET		1	

PART NOTES:

- [1] - COMPONENT OF CYLINDER HEAD ASSEMBLY 877568T 8
- [2] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 859352A02
COMPONENT OF CYLINDER HEAD ASSEMBLY 877568T 8

Crankshaft



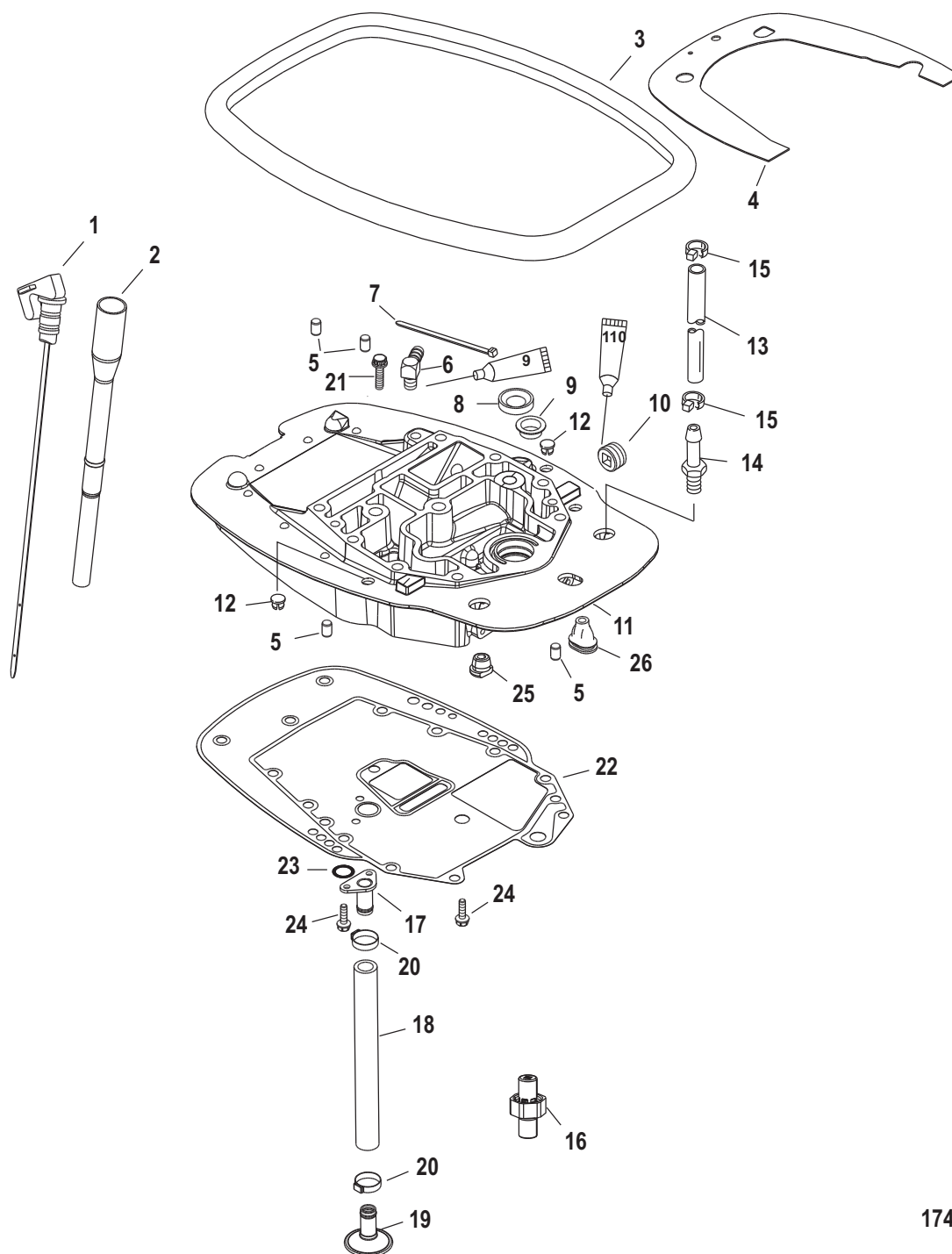
Crankshaft

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0401	834774T1	CRANKSHAFT ASSEMBLY		1	[1]
2	0028	18856M	KEY		1	[1]
3	0028	91800	KEY Woodruff		1	[1]
4	0026	825027	SEAL		1	[2]
5	0026	832013	SEAL		1	[2]
6	0662	856065T1	CONNECTING ROD		3	[1]
7	0010	825019	BOLT		6	[1]
8	0023	8250211	BEARING Black		6	[1]
8	0023	825021	BEARING Brown		AR	[1]
8	0023	8250212	BEARING Blue		AR	[1]
9	0713	856064A1	PISTON ASSEMBLY	(STANDARD)	3	[1]
9	0713	8560642	PISTON w/o Rings	(.25MM Oversized)(Bare Piston)	AR	
9	0713	8560643	PISTON w/o Rings	(.50MM Oversized)(Bare Piston)	AR	
10	0039	833099A1	RING SET Piston (TOP)	(STANDARD)	3	[1]
10	0039	833100T2	RING Piston (TOP)	(.25MM Oversized)	AR	
10	0039	833100T3	RING Piston (TOP)	(.50MM Oversized)	AR	
11		NSS	NOT SOLD SEPARATE Piston Ring (2nd.)	STANDARD	3	[1]
11		NSS	NOT SOLD SEPARATE Piston Ring (2nd.)	.25MM Oversized	AR	
11		NSS	NOT SOLD SEPARATE Piston Ring (2nd.)	.50MM Oversized	AR	
12	0039	8331011	RING Oil		3	[1]
13	0041	825016	PIN Piston		3	[1]
14	0040	825017	RETAINER		6	[1]
-	0061	803017T01	POWERHEAD ASSEMBLY		1	
-	0027	859352A02	GASKET SET		1	

PART NOTES:

- [1] - COMPONENT OF POWERHEAD/PARTIAL ENGINE 803017T01
- [2] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 859352A02
COMPONENT OF POWERHEAD/PARTIAL ENGINE 803017T01

Adapter Plate



1746

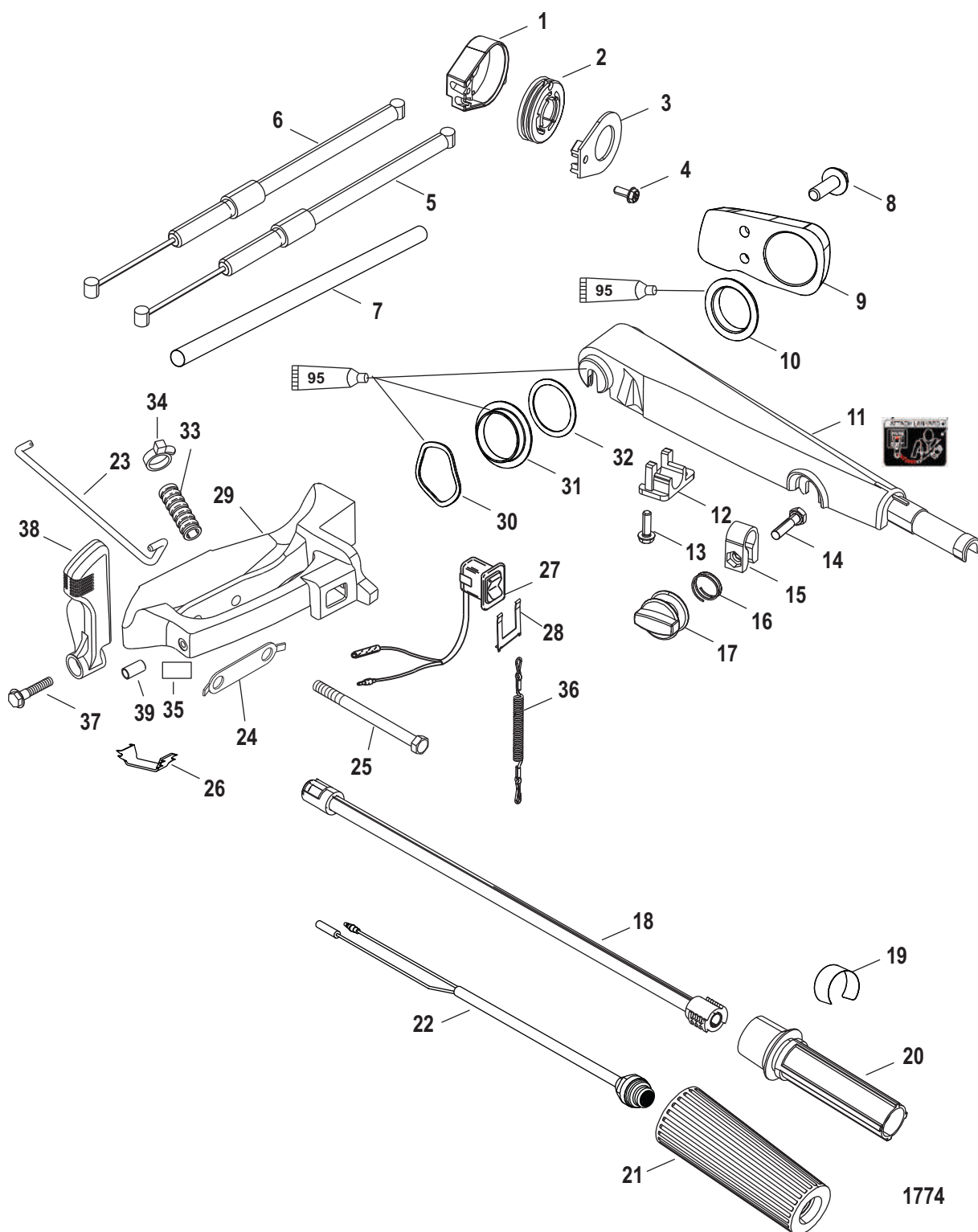
Adapter Plate

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	825990	DIPSTICK		1	
2	0000	8259892	DIPSTICK TUBE	[USA-0T979999/BEL-0P325499] & Below	1	
2	0000	825989003	DIPSTICK TUBE	[USA-0T980000/BEL-0P325500] & Up	1	
3	0000	8560552	SEAL		1	
4	0000	8289151	HEAT SHIELD		1	
5	0017	23784	PIN Dowel		4	
6	0022	629101	FITTING Elbow - 90 Degree (.125-27)		1	
7	0054	816311T	TIE STRAP (8.00 Inches)		3	
8	0026	828932	SEAL Oil		1	
9	0023	856743	BUSHING		1	
10	0022	889567	PLUG (.500-14)		1	
11	0000	825228A17	ADAPTER PLATE ASSEMBLY		1	
12	0019	822464	PLUG		2	
13	0032	830756109	HOSE (57.00 Inches Bulk) (Cut to 17 IN.)		1	
14	0022	291112	FITTING		1	
15	0054	816311T	TIE STRAP (8.00 Inches)		AR	
16	0000	881872A1	BODY Oil Pressure Relief		1	
17	0000	854789	PLATE Oil Pickup-Top		1	
18	0032	854793	HOSE Oil Pickup		1	
19	0000	8547911	BAFFLE		1	
20	0054	855228	CLAMP		2	
21	0010	4007455	SCREW (M6 x 55)		1	
22	0027	8252517	GASKET	[USA-0T979999/BEL-0P325499] & Below	1	[1]
22	0027	892320001	GASKET	[USA-0T980000/BEL-0P325500] & Up	1	[1]
23	0025	845746	O-RING		1	[1]
24	0010	40011128	SCREW (M6 x 20) Stainless Steel		3	
25	0025	19564	GROMMET	(NON-POWER TRIM)	1	
25	0025	19565	GROMMET	(SPLIT- POWER TRIM)	1	
26	0025	822408	GROMMET	[USA-0T979999/BEL-0P325499] & Below	1	
26	0025	822408001	GROMMET	[USA-0T980000/BEL-0P325500] & Up	1	
-	0027	859352A02	GASKET SET		1	

PART NOTES:

[1] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 859352A02

Tiller Handle

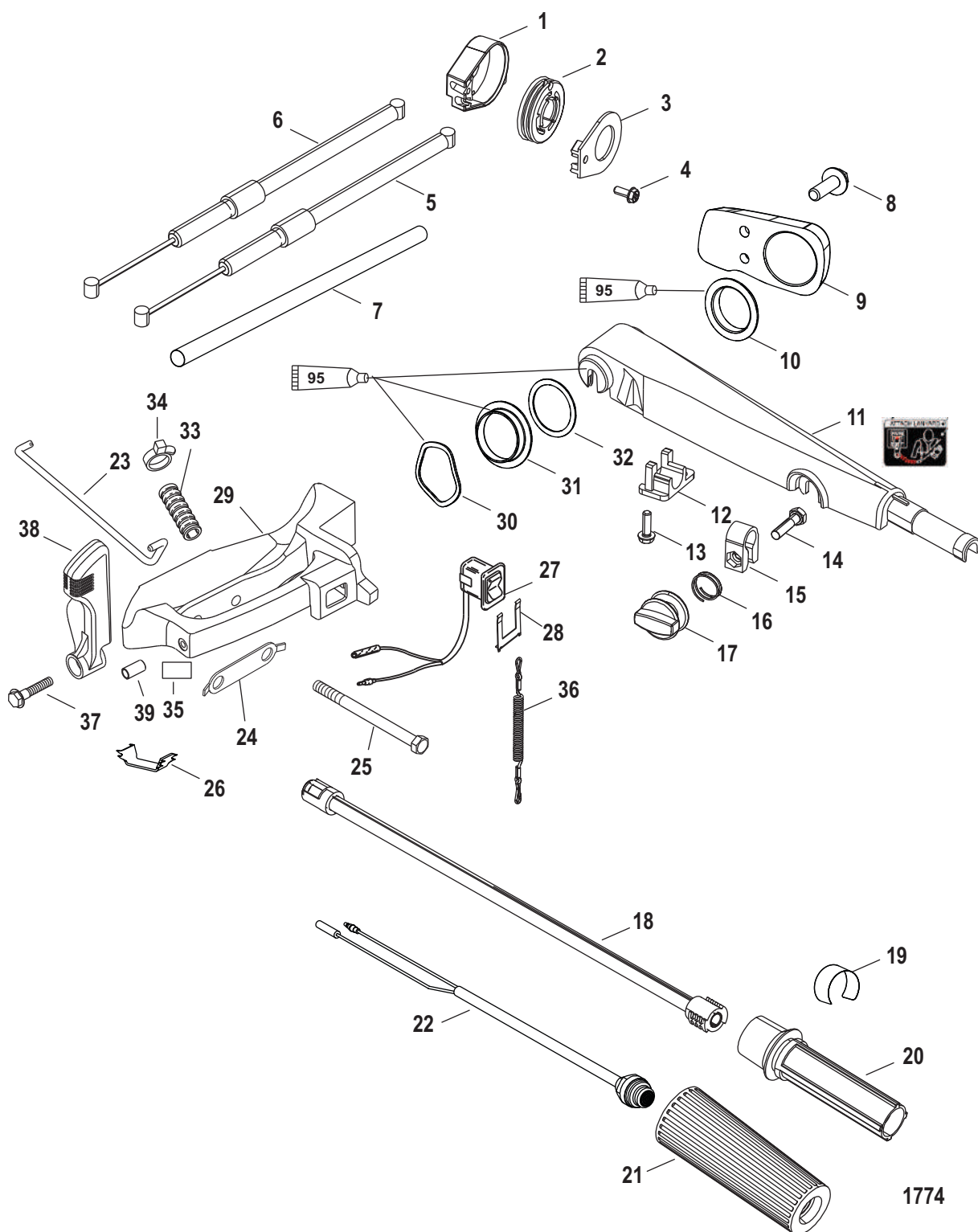


Tiller Handle

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	822148A6	COVER KIT		1	
2	0000	822150	PULLEY		1	
3		NSS	NOT SOLD SEPARATE Case		1	
4	0010	878608	SCREW (#10-16 x .500)		1	
5	0000	4324210	CABLE ASSEMBLY Throttle (30.50 Inches)		1	
6	0000	4324211	CABLE ASSEMBLY Throttle (41.50 Inches)		1	
7	0085	960099	SLEEVE (12.00 Inches)		1	
8	0010	82526225	SCREW (M8 x 25 MM)		2	
9	0000	822407F1	COVER		1	
10	0023	821477	BUSHING 1.485-1.475 Inside Diameter		1	
11	0000	828813T1	ARM Steering Handle		1	
-	0037	8M0032728	DECAL Lanyard, Black		1	
12	0000	822441	RETAINER		1	
13	0010	40011107	SCREW (M5 x 16) Stainless Steel		1	
14	0010	4000330	SCREW (M6 x 25)		1	
15	0000	821971	LOCK Throttle	[USA-0T979999/BEL-0P325499] & Below	1	
15	0000	892995	LOCK Throttle	[USA-0T980000/BEL-0P325500] & Up	1	
16	0024	96203	SPRING		1	
17	0000	821972	KNOB Throttle		1	
18	0000	821463A2	TILLER TUBE		1	
19	0037	8242004	DECAL		1	
20	0000	821465	HANDLE Throttle		1	
21	0000	99589	GRIP		1	
22	0087	823609A14	SWITCH Stop		1	
23	0000	8301821	SHIFT ROD		1	
24	0014	816669F1	TAB WASHER		1	
25	0010	82484890	SCREW (M10 x 90)		2	
26	0000	823687	CLIP		2	
27	0087	11083A31	SWITCH Stop		1	
28	0000	120441	RETAINER Brass		1	
29	0000	821455A4	BRACKET Tiller		1	
30	0013	826792	WAVE WASHER		1	
31	0023	821477	BUSHING 1.485-1.475 Inside Diameter		1	
32	0012	827314	WASHER		1	
33	0032	828547633	CONDUIT (.620 Inside Diameter x 3.00 Feet Bulk)		1	
34	0054	816311T	TIE STRAP (8.00 Inches)		1	
35		NSS	NOT SOLD SEPARATE Decal-Shift F-N-R		1	
36	0000	15920Q54	LANYARD ASSEMBLY		1	[1]
37	0010	40011151	SCREW (M8 x 35) Stainless Steel		1	
38	0000	830180	HANDLE		1	

Tiller Handle

Tiller Handle



Cat.# 90-88394302

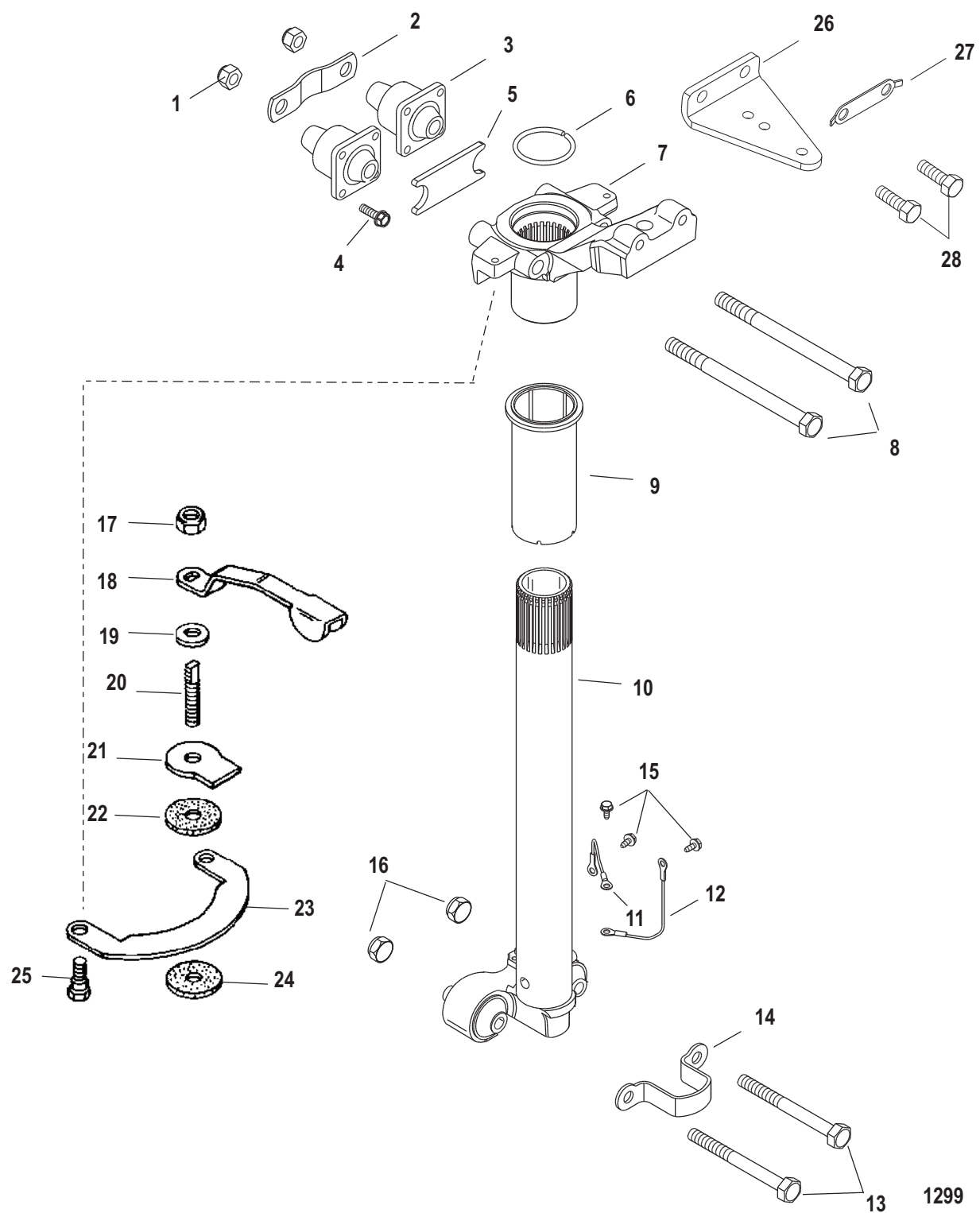
Tiller Handle

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
39	0023	830181	BUSHING		1	

PART NOTES:

- [1] - Alternate part numbers:
 15920Q54QS
 15920T54MPP

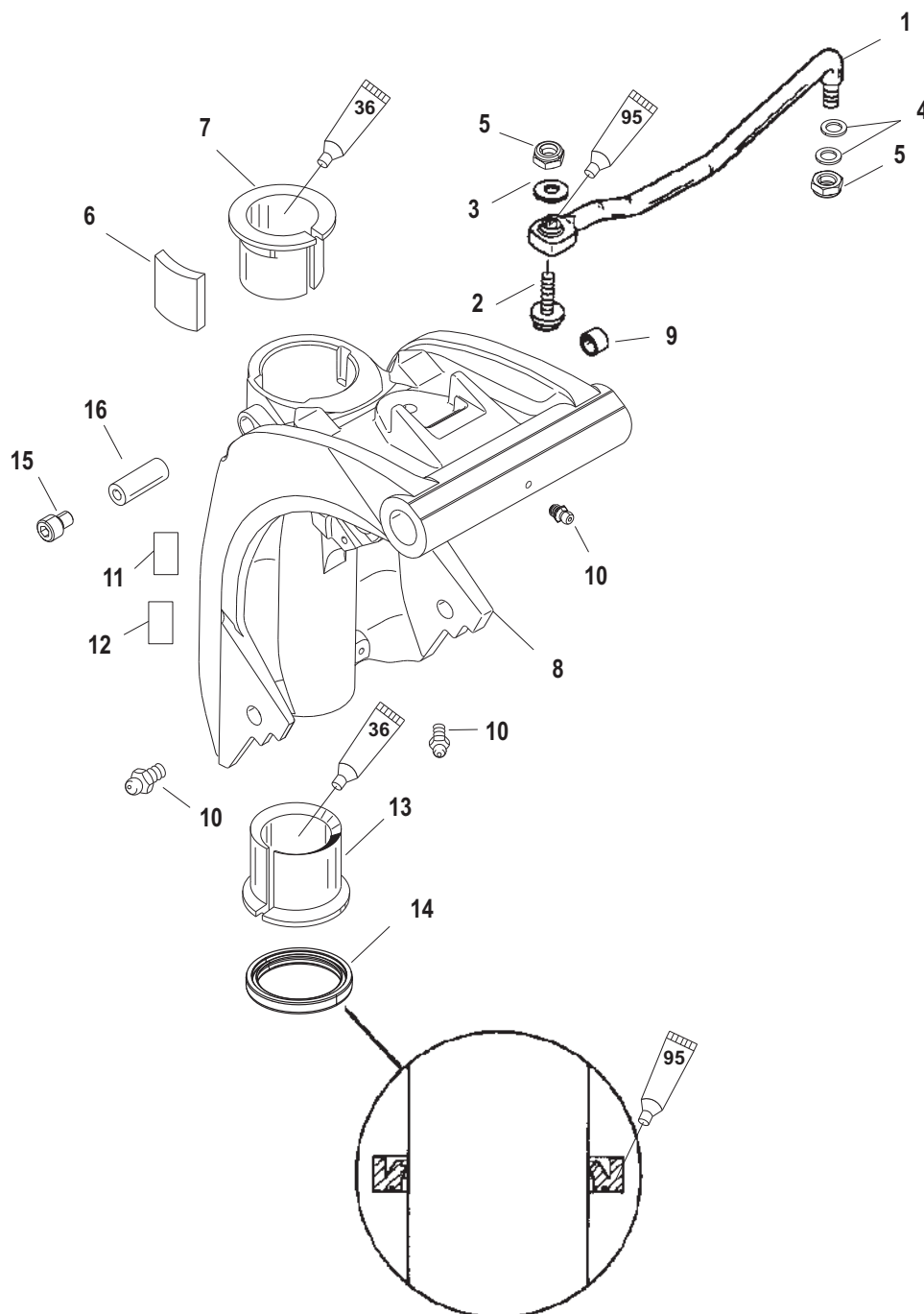
Steering Arm



Steering Arm

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0011	859129	NUT (M12)		2	
2	0000	8279231	STRAP		1	
3	0000	826267T2	MOUNT		2	
4	0010	40011128	SCREW (M6 x 20) Stainless Steel		8	
5	0000	826658	BUMPER		1	
6	0053	89531	RING Retaining		1	
7	0000	825222F3	ARM Steering		1	
8	0010	42973	BOLT (M12 x 154)		2	
9	0023	8279973	SPACER	(SHORT)	1	
9	0023	8279971	SPACER	(LONG)	1	
10	0000	850175T2	SWIVEL TUBE	(SHORT)	1	
10	0000	826233T4	SWIVEL TUBE	(LONG)	1	
11	0000	88238A4	CABLE ASSEMBLY		1	
12	0000	88238A13	CABLE ASSEMBLY Ground		1	
13	0010	823567105	SCREW (M10 x 105) Hex Flange - Stainless Steel		2	
14	0000	828985	BRACKET		1	
15	0010	878607	SCREW (#10-16 x .375)		3	
16	0011	40140	NUT (M10)		2	
17	0011	826709113	NUT (.375-24) Stainless Steel	(HANDLE)	1	
18	0000	823792	LEVER	(HANDLE)	1	
19	0012	29330	WASHER	(HANDLE)	1	
20	0000	821961	ROD (THREADED)	(HANDLE)	1	
21	0000	821957A2	PLATE/DISC ASSEMBLY	(HANDLE)	1	
22		NSS	NOT SOLD SEPARATE Disc		1	
23	0000	823791	PLATE	(HANDLE)	1	
24	0000	8165621	DISC	(HANDLE)	1	
25	0010	768042	SHOULDER SCREW Hex	(HANDLE)	2	
26	0000	816667F3	BRACKET	(NON HANDLE)	1	
27	0014	816669F1	TAB WASHER	(NON HANDLE)	1	
28	0010	4000377	SCREW (M10 x 30)	(NON HANDLE)	2	

Swivel Bracket

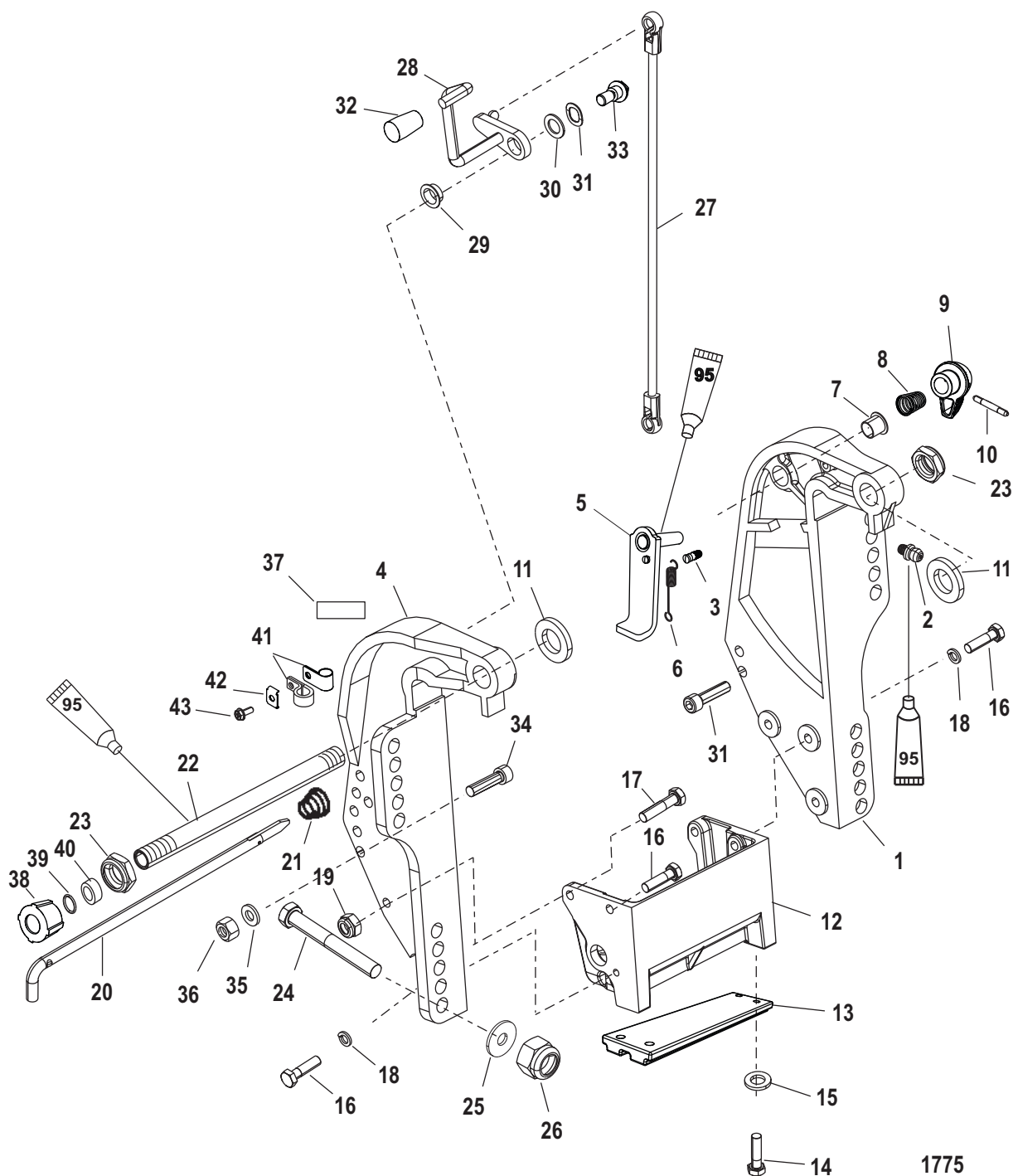


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Swivel Bracket

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	19608A14	ATTACHING KIT Engine Steering	(NON HANDLE)	1	
2	0010	823919	SCREW (.375-24 x 1.500)	(NON HANDLE)	1	
3	0012	71970	WASHER (.390 x .546 x .12)	(NON HANDLE)	1	
4	0012	37828	WASHER (.390 x .625 x .062) Stainless Steel	(NON HANDLE)	2	
5	0011	826709113	NUT (.375-24) Stainless Steel	(NON HANDLE)	2	
6	0000	822397	PUCK	(NON HANDLE)	1	
7	0023	8217711	BUSHING		1	
8	1401	850066A1	SWIVEL BRACKET		1	
9	0023	19606	BEARING		2	
10	0022	74036	FITTING Grease	(Qty. of 3 Required on Handle Versions)	2	
11	0037	8237011	DECAL Co-Pilot		1	
12		NSS	NOT SOLD SEPARATE Decal- Serial Overlamine			
13	0023	821777	BUSHING (LOWER)		1	
14	0026	822404	SEAL		1	
15	0010	4008910	SCREW (M8 x 10) Stainless Steel	(HANDLE)	1	
15	0010	40011149	SCREW (M8 x 25) Stainless Steel	(NON HANDLE)	1	
16	0000	8282451	SEAL	(NON HANDLE)	1	

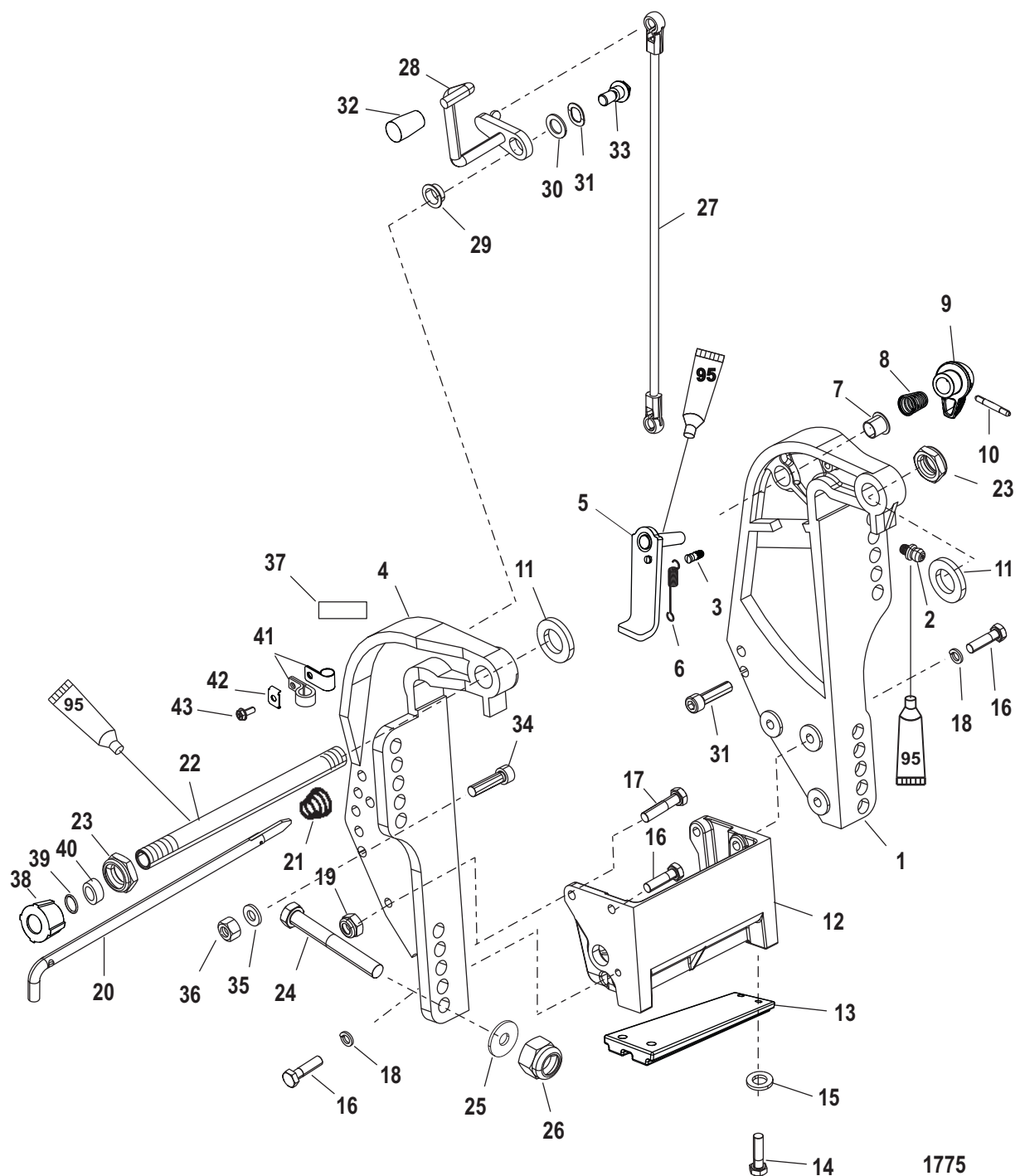
Transom Bracket



Transom Bracket

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	3418	822866A1	BRACKET ASSEMBLY Transom	(PORT)	1	
2	0022	98727	FITTING Grease		1	
3	0017	99604	PIN Groove		1	
4	3418	822865F2	BRACKET Transom	(STARBOARD)	1	
5	0000	19618A2	LEVER ASSEMBLY Tilt Lock		1	
6	0024	99622	SPRING		1	
7	0023	65830	NYLINER		1	
8	0024	812708	SPRING		1	
9	0000	812709T	KNOB		1	
10	0017	99615	PIN Groove		1	
11	0012	19619	WASHER		2	
12	0000	18486F5	BRACKET Anchor		1	
13	0097	818298Q1	ANODE KIT		1	[1]
14	0010	4000330	SCREW (M6 x 25)		2	
15	0012	29245	WASHER (.281 x .500 x .060) Stainless Steel		2	
16	0010	4000354	SCREW (M8 x 30)		5	
17	0010	4000355	SCREW (M8 x 35)		1	
18	0013	400257	LOCKWASHER (M8)		4	
19	0011	401388	NUT (M8) Stainless Steel		2	
20	0017	49930A1	PIN ASSEMBLY Tilt Lock	(NON POWER TRIM)	1	
21	0024	821461	SPRING	(NON POWER TRIM)	1	
22	0000	196141	TILT TUBE		1	
23	0011	858869	NUT (.875-14)		2	
24	0010	814259	SCREW (.500-20 x 4.00)		4	
25	0012	28421	WASHER (1.5 x 3.05 x 0.13) Stainless Steel		4	
26	0011	82671117	NUT (.500-20)		4	
27	0000	1938525	LINK	(NON POWER TRIM)	1	
28	0000	19615A4	LEVER ASSEMBLY Tilt	(NON POWER TRIM)	1	
29	0023	812707	BUSHING	(NON POWER TRIM)	1	
30	0012	19605	WASHER (.520 x .850 x .060) Nylon - Black	(NON POWER TRIM)	1	
31	0013	99611	WAVE WASHER	(NON POWER TRIM)	1	
32	0000	19621	TILT KNOB	(NON POWER TRIM)	1	
33	0010	19611	SCREW (.375-16 x .62)	(NON POWER TRIM)	1	
34	0010	4009040	SCREW (M10 x 40) Stainless Steel		2	
35	0012	4002319	WASHER		2	
36	0011	40140	NUT (M10)		2	
37	0037	830253	DECAL Tilt Lock		1	
38	0000	19624A1	SEAL KIT	(NON-HANDLE)	1	
39	0025	29619	O-RING (.583 x .103)	(NON-HANDLE)	1	
40	0023	78861	SPACER	(NON-HANDLE)	1	
41	0054	22740	CLIP	(POWER TRIM)	2	
42	0000	69205	C WASHER	(POWER TRIM)	1	
43	0010	878609	SCREW (#10-16 x .600)	(POWER TRIM)	1	

Transom Bracket

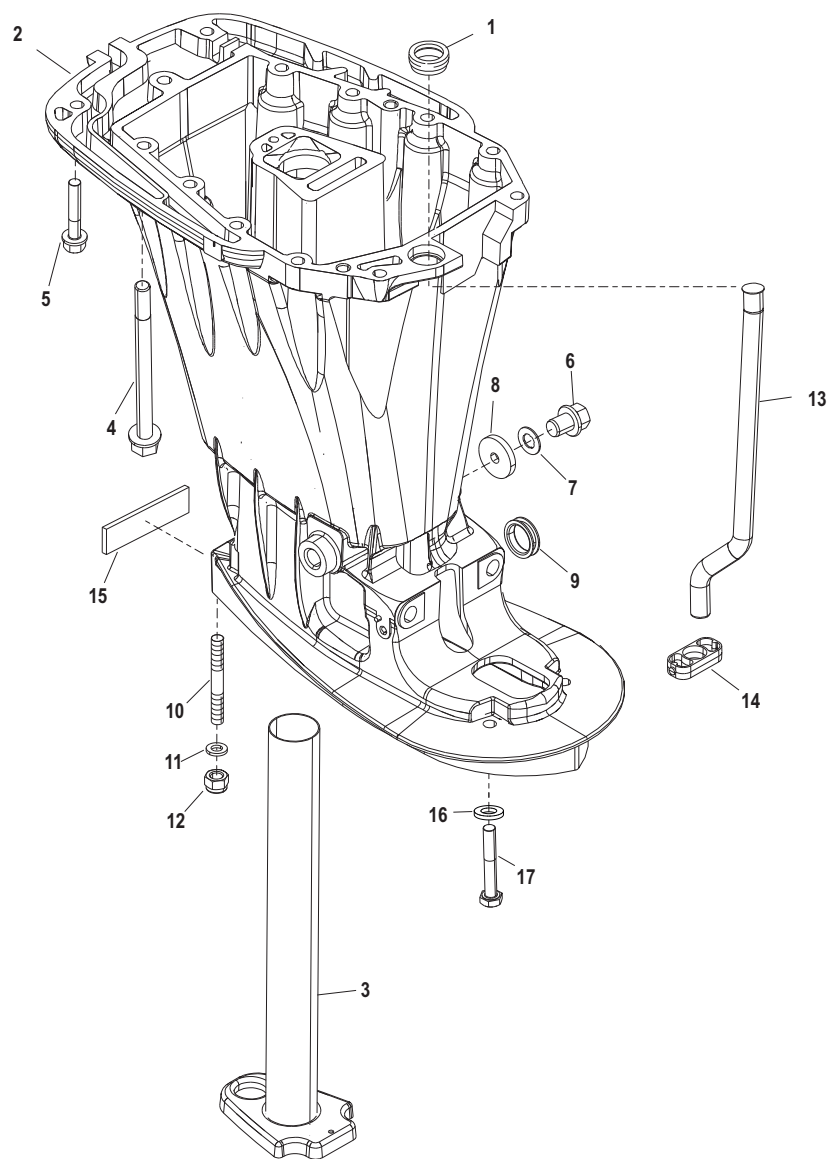


Transom Bracket

PART NOTES:

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

Driveshaft Housing

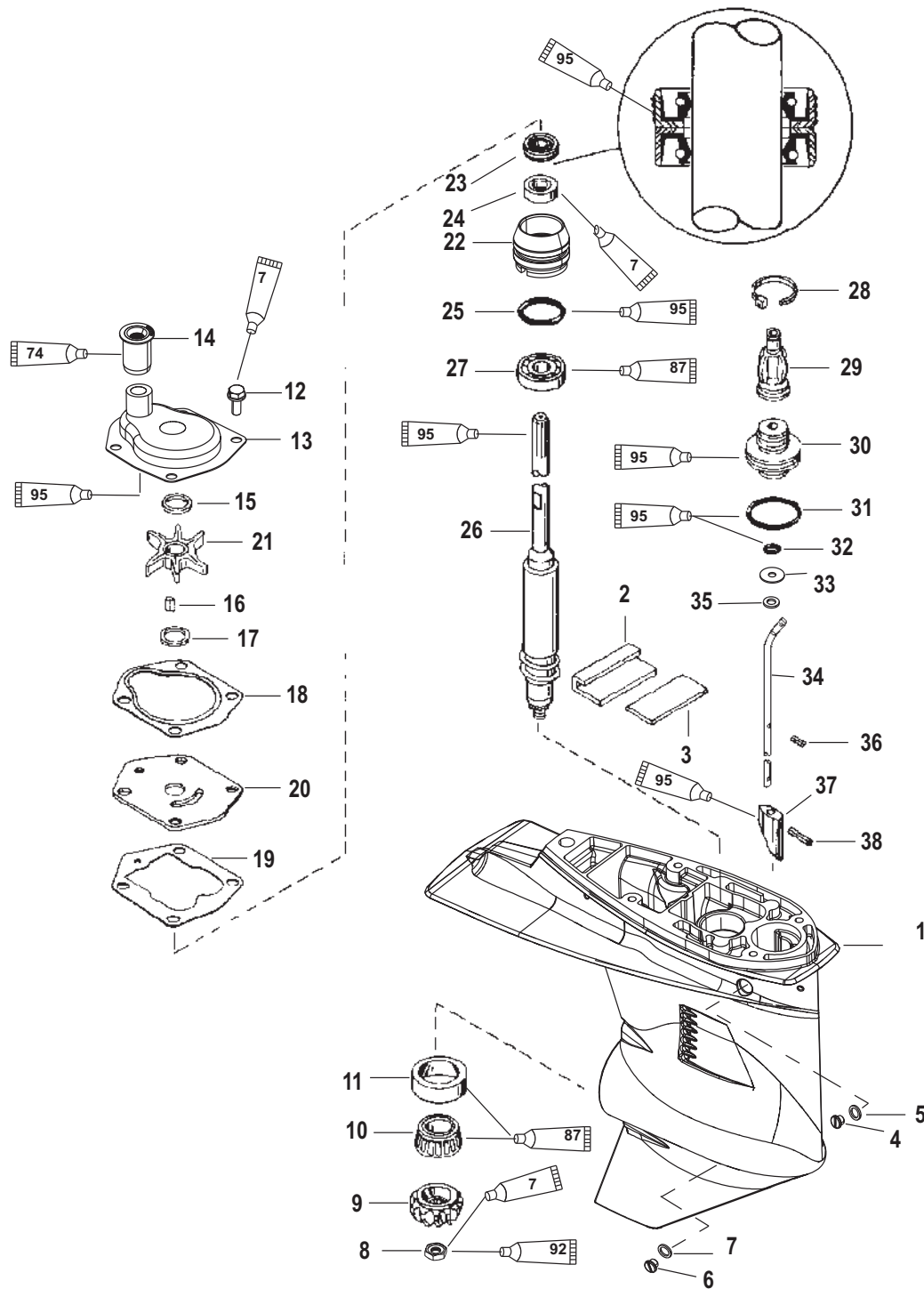


69087

Driveshaft Housing

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	42941	SEAL Water Tube	[USA-0T979999/BEL-0P325499] & Below	1	
1	0000	42941001	SEAL Water Tube	[USA-0T980000/BEL-0P325500] & Up	1	
2	1501	850168T5	HOUSING Driveshaft	(SHORT)	1	
2	3532	825218T7	HOUSING ASSEMBLY Driveshaft	(LONG)	1	
3		NSS	NOT SOLD SEPARATE Exhaust Pipe	SHORT	1	
3	0000	825220T06	PIPE Exhaust	LONG	1	
4	0010	824459110	SCREW (M8 x 110) Stainless Steel		8	
5	0010	88960845	SCREW (M8 x 45)		5	
6	0000	8288181	PLUG Drain		1	
7	0027	828816	GASKET		1	
8	0000	826276	BUMPER		2	
9	0025	828817	GROMMET	(LONG) [USA-0T979999/BEL-0P325499] & Below	1	
9	0025	828817001	GROMMET	[USA-0T980000/BEL-0P325500] & Up	1	
10	0016	823984	STUD (M10 x 50)		1	
11	0012	856774	WASHER (.406 x .750 x .105) Stainless Steel		1	
12	0011	40140	NUT (M10)		1	
13	0032	850169	TUBE Water	(SHORT)	1	
13	0032	888591	TUBE Water	(LONG)	1	
14	0054	828529	GUIDE		1	
15	0000	828706	BUMPER	(LONG)	1	
16	0012	856774	WASHER (.406 x .750 x .105) Stainless Steel		4	
17	0010	4000380	SCREW (M10 x 45)		4	

Gear Housing (Driveshaft)(2:1 Gear Ratio)



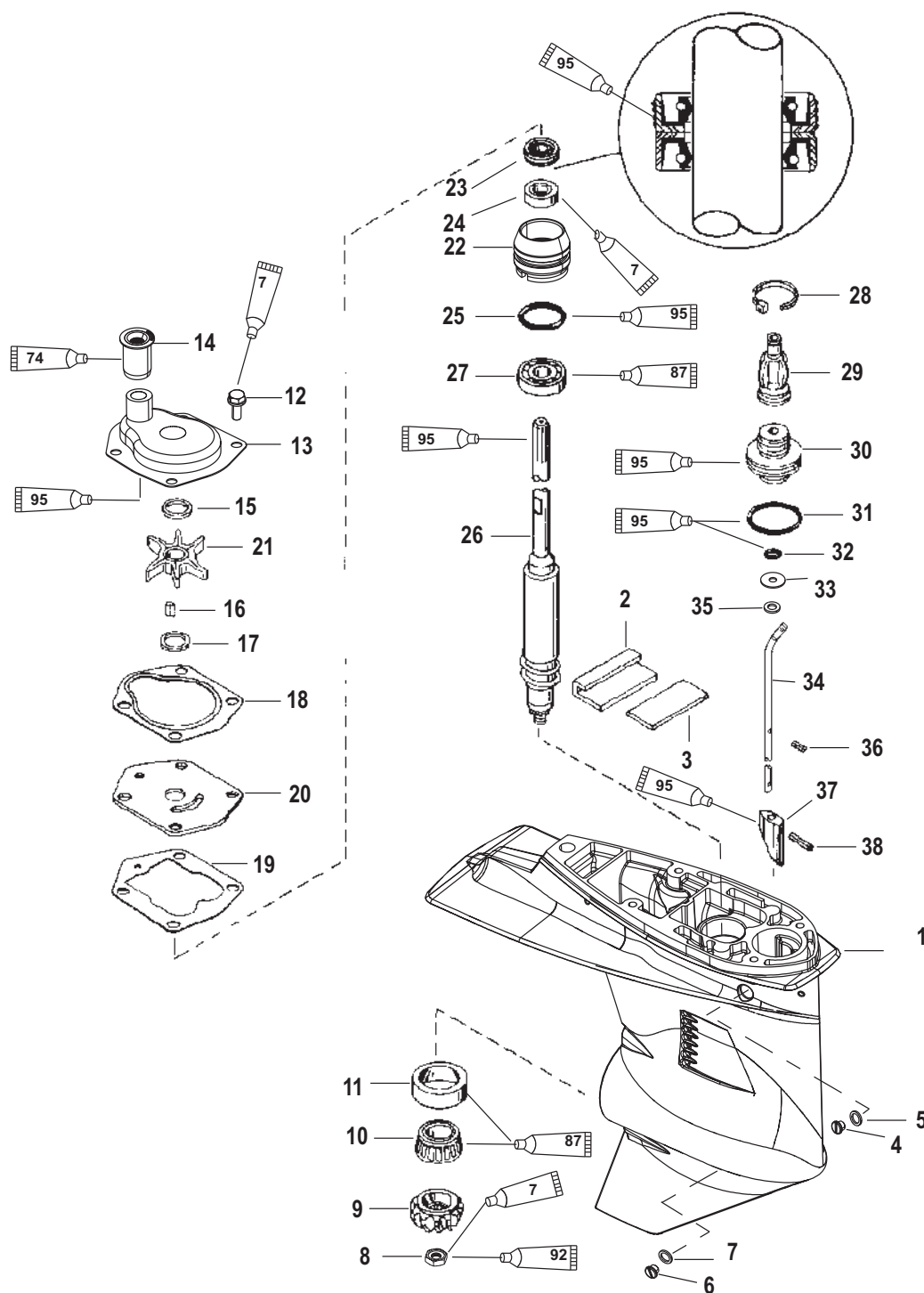
1289

Gear Housing (Driveshaft)(2:1 Gear Ratio)

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	1682	821306T54	GEAR HOUSING ASSEMBLY (3.44 Inch/87.37 mm Torpedo Diameter) Complete	(SHORT)	1	
-	1682	821306T17	GEAR HOUSING ASSEMBLY Complete	(LONG)	1	
1	1682	821306T12	GEAR HOUSING ASSEMBLY Basic	(BASIC)	1	
2	0000	818226A1	SEAL/PLATE KIT		1	
3		NSS	NOT SOLD SEPARATE Plate		1	
4	0010	79953Q2	SCREW KIT (.375-16 x .250) Drain		1	[1]
5	0012	191833	SEAL		1	[2]
6	0010	79953Q2	SCREW KIT (.375-16 x .250) Drain		1	[1]
7	0012	191833	SEAL		1	[2]
8	0011	55910	NUT (.437-20)		1	
9	0043	821326T1	GEAR Pinion - 13 Teeth (13 TEETH)		1	
10	0031	821321A2	BEARING ASSEMBLY		1	
11		NSS	NOT SOLD SEPARATE Cup		1	
12	0010	8248324	SCREW (M6 x 16)		4	
13	0046	821351A3	HOUSING ASSEMBLY Water Pump Upper		1	
14	0000	887774	SEAL Water Tube	(SHORT - 1-3/4)	1	[3]
14	0000	8235471	SEAL	(LONG - 2-1/4)	1	[3]
15	0012	8M0027721	WASHER		1	[3]
16	0028	85119	KEY		1	[4]
17	0012	8M0027721	WASHER		1	[3]
18	0027	822189	GASKET Upper Water Pump		1	[3]
19	0027	822217	GASKET Lower Water Pump (LOWER)		1	[3]
20	0000	8213542	FACE PLATE		1	[4]
21	0047	8508910	IMPELLER		1	[4]
22	0046	821307A2	BASE ASSEMBLY Water Pump		1	
23	0026	821309	SEAL		1	[5]
24	0026	821310	SEAL		1	[5]
25	0025	821308	O-RING (1.421 x .139)		1	[5]
26	0045	826193T2	DRIVESHAFT	(SHORT)	1	
26	0045	826194A1	DRIVESHAFT	(LONG)	1	
27	0030	821311	BEARING Ball		1	
28	0000	823548T	TIE STRAP		1	[5]
29	0000	822158	BOOT		1	[5]
30	0000	821827	RETAINER		1	
31	0025	26855	O-RING (1.609 x .139)		1	[5]
32	0025	85594	O-RING (.239 x .174)		1	[5]
33	0012	814803	WASHER		1	
34	0000	827865A2	SHIFT SHAFT	(SHORT)	1	
34	0000	827865A1	SHIFT SHAFT	(LONG)	1	

Gear Housing (Driveshaft)(2:1 Gear Ratio)

Gear Housing (Driveshaft)(2:1 Gear Ratio)



1289

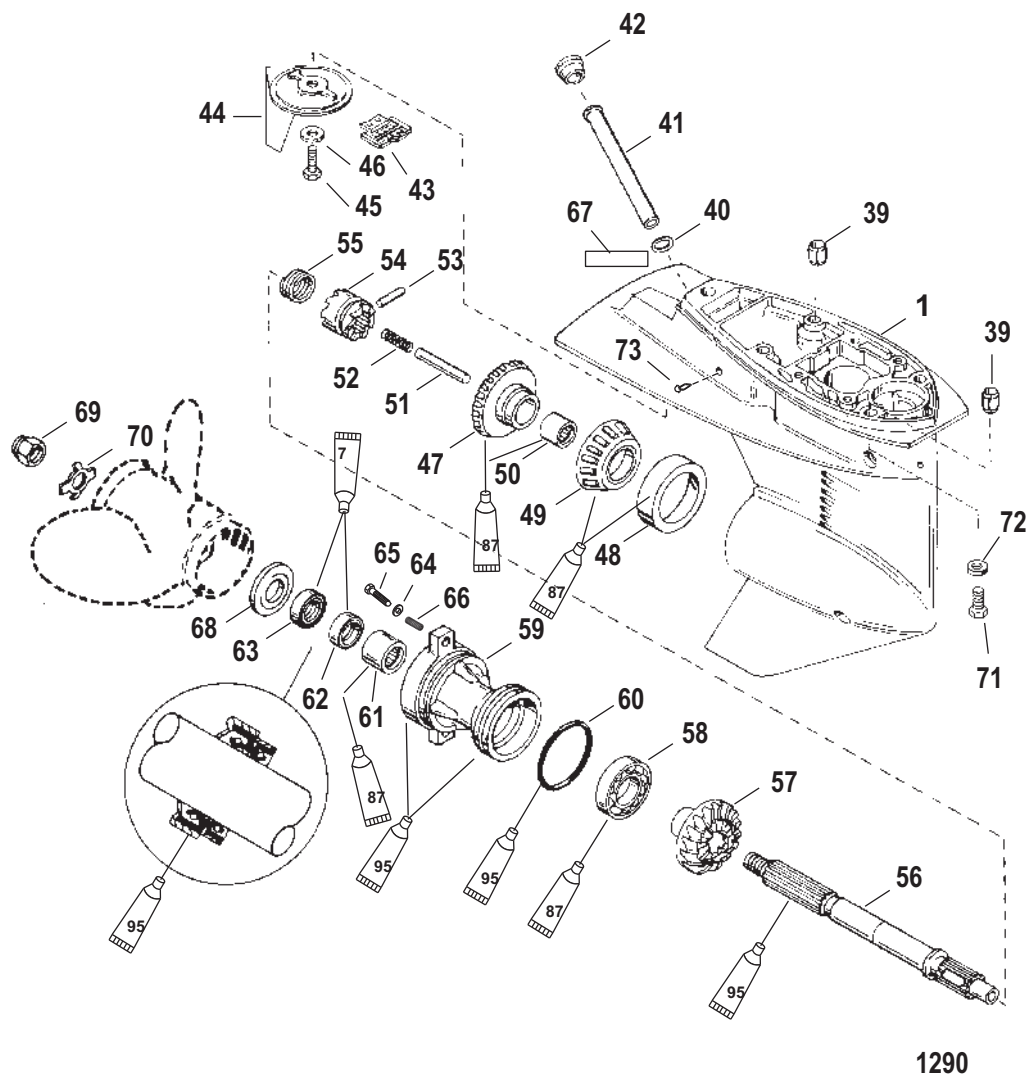
Gear Housing (Driveshaft)(2:1 Gear Ratio)

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
35	0012	29245	WASHER (.281 x .500 x .060) Stainless Steel		1	
36	0017	85593	PIN (.078 x .437)		1	
37	0000	8213161	CAM Shift		1	
38	0017	822369	PIN (.125 x .625)		1	
-	0000	823547A03	SEAL KIT Gear Housing		1	
-	0000	821354A04	REPAIR KIT Water Pump		1	

PART NOTES:

- [1] - Alternate part numbers:
79953Q 2QS
79953T 2MPP
- [2] - Alternate part numbers:
19183 3Bulk Pack
19183K02MPP
19183Q02QS
- [3] - COMPONENT OF GEAR HOUSING SEAL KIT 823547A03
COMPONENT OF WATER PUMP REPAIR KIT 821354A04
- [4] - COMPONENT OF WATER PUMP REPAIR KIT 821354A04
- [5] - COMPONENT OF GEAR HOUSING SEAL KIT 823547A03

Gear Housing Propeller Shaft - 2:1 Gear Ratio

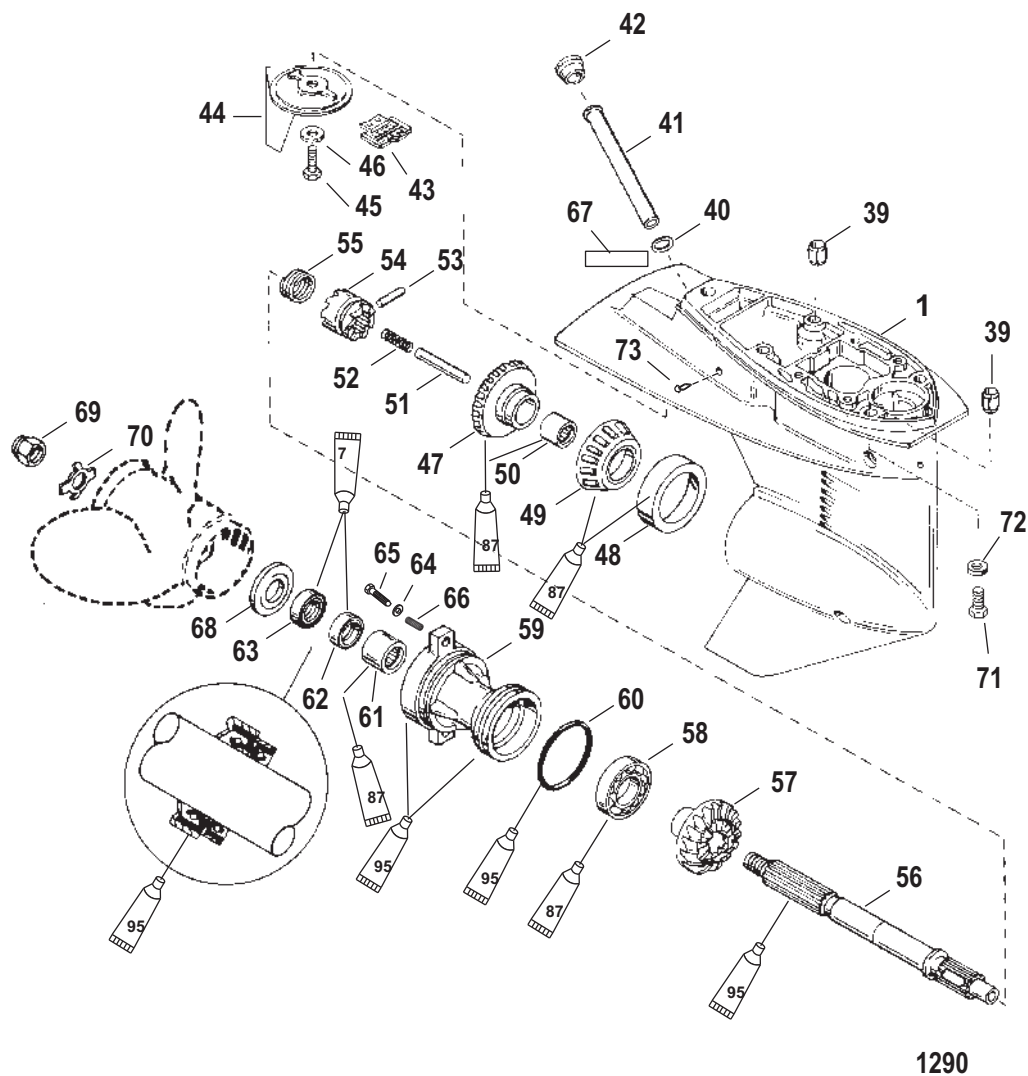


Gear Housing Propeller Shaft - 2:1 Gear Ratio

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	1682	821306T54	GEAR HOUSING ASSEMBLY (3.44 Inch/87.37 mm Torpedo Diameter) Complete	(SHORT)	1	
-	1682	821306T17	GEAR HOUSING ASSEMBLY Complete	(LONG)	1	
1	1682	821306T12	GEAR HOUSING ASSEMBLY Basic	(BASIC)	1	
39	0017	821327	PIN Dowel		2	
40	0027	823942	GASKET		1	
41	0032	821828	TUBE		1	
42	0019	824928	PLUG Rubber	[USA-0T979999/BEL-0P325499] & Below	1	
42	0019	824928001	PLUG Rubber	[USA-0T980000/BEL-0P325500] & Up	1	
43	0000	821829	SCREEN		1	
44	0000	822157T2	TRIM TAB		1	
45	0010	82497020	SCREW (M8 x 20)		1	
46	0012	72397	WASHER		1	
47	0043	821315T1	GEAR ASSEMBLY Forward - 26 Teeth (26 TEETH)		1	
48	0031	99328A1	BEARING ASSEMBLY Roller		1	
49		NSS	NOT SOLD SEPARATE Cup			
50	0031	41326	BEARING Roller		1	
51	0000	821578	FOLLOWER Cam		1	
52	0024	8261991	SPRING		1	
53	0017	85093	PIN		1	
54	0052	821314T	CLUTCH		1	
55	0024	38114	SPRING		1	
56	0044	8215772	PROPELLER SHAFT		1	
57	0043	821312T1	GEAR Reverse - 26 Teeth (26 TEETH)		1	
58	0030	20839T	BEARING Ball		1	
59	0000	19291A3	CARRIER ASSEMBLY Bearing		1	
60	0025	815460	O-RING		1	[1]
61	0031	21700	BEARING Needle		1	
62	0026	69188	SEAL Oil		1	[1]
63	0026	69189	SEAL Oil		1	[1]
64	0012	855941	WASHER (.323 x .590 x .112) Stainless Steel		2	
65	0010	85594030	SCREW (M8 x 30)		2	
66	0000	8227731	INSERT Threaded		2	
67		NSS	NOT SOLD SEPARATE Decal 2:1		1	
68	0000	73345A1	THRUST HUB		1	
69	0011	69578Q1	PROP NUT KIT		1	[2]
70	0014	76281	TAB WASHER		1	[3]
71	0010	4000380	SCREW (M10 x 45)		4	
72	0012	856774	WASHER (.406 x .750 x .105) Stainless Steel		4	
73	0019	95925	PLUG		1	

Gear Housing Propeller Shaft - 2:1 Gear Ratio

Gear Housing Propeller Shaft - 2:1 Gear Ratio



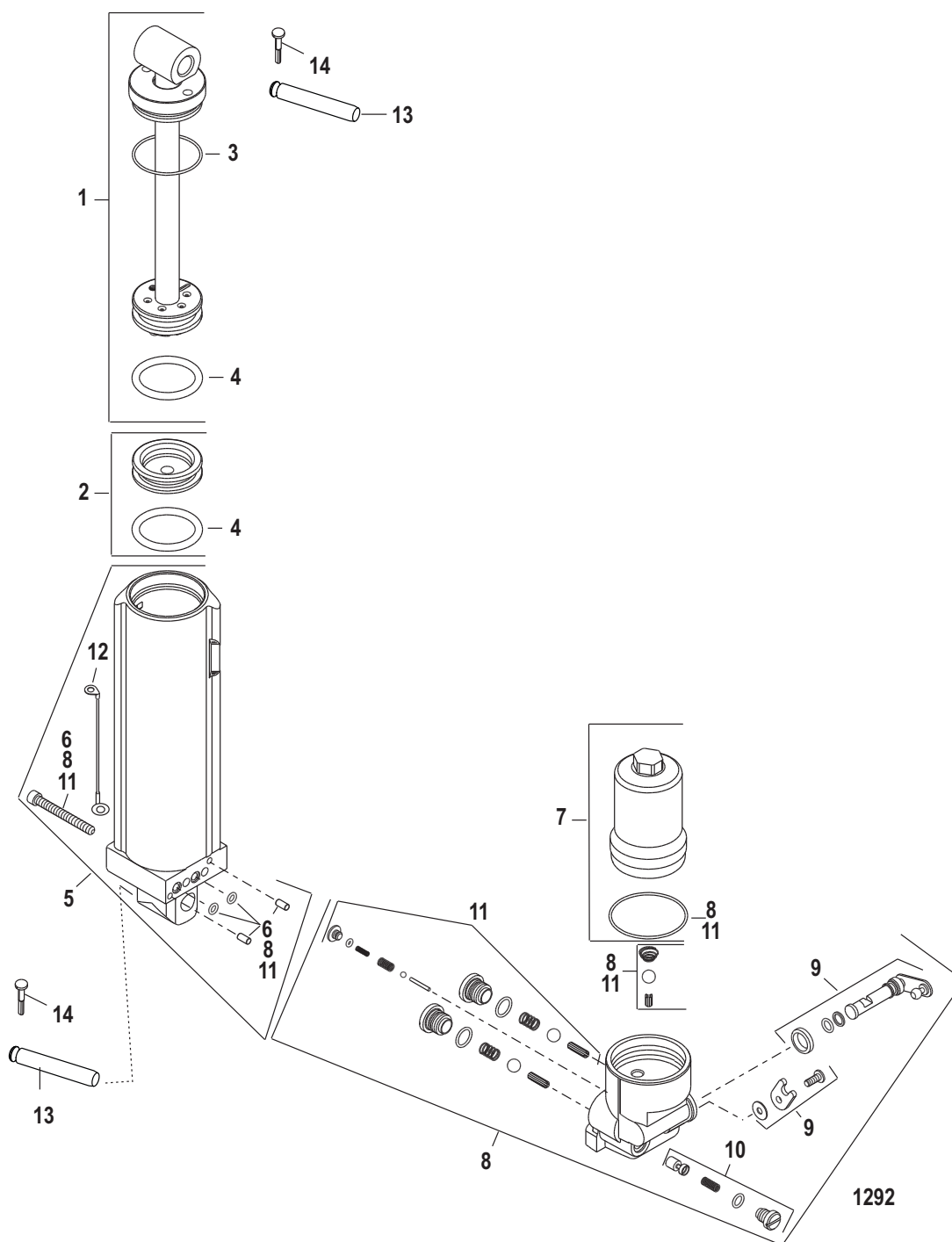
Gear Housing Propeller Shaft - 2:1 Gear Ratio

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	823547A03	SEAL KIT Gear Housing		1	

PART NOTES:

- [1] - COMPONENT OF GEAR HOUSING SEAL KIT 823547A03
- [2] - Alternate part numbers:
 - 69578A 1Service Part
 - 69578Q 1QS
 - 69578T 1MPP
- [3] - Alternate part numbers:
 - 76281Service Part
 - 76281QQS

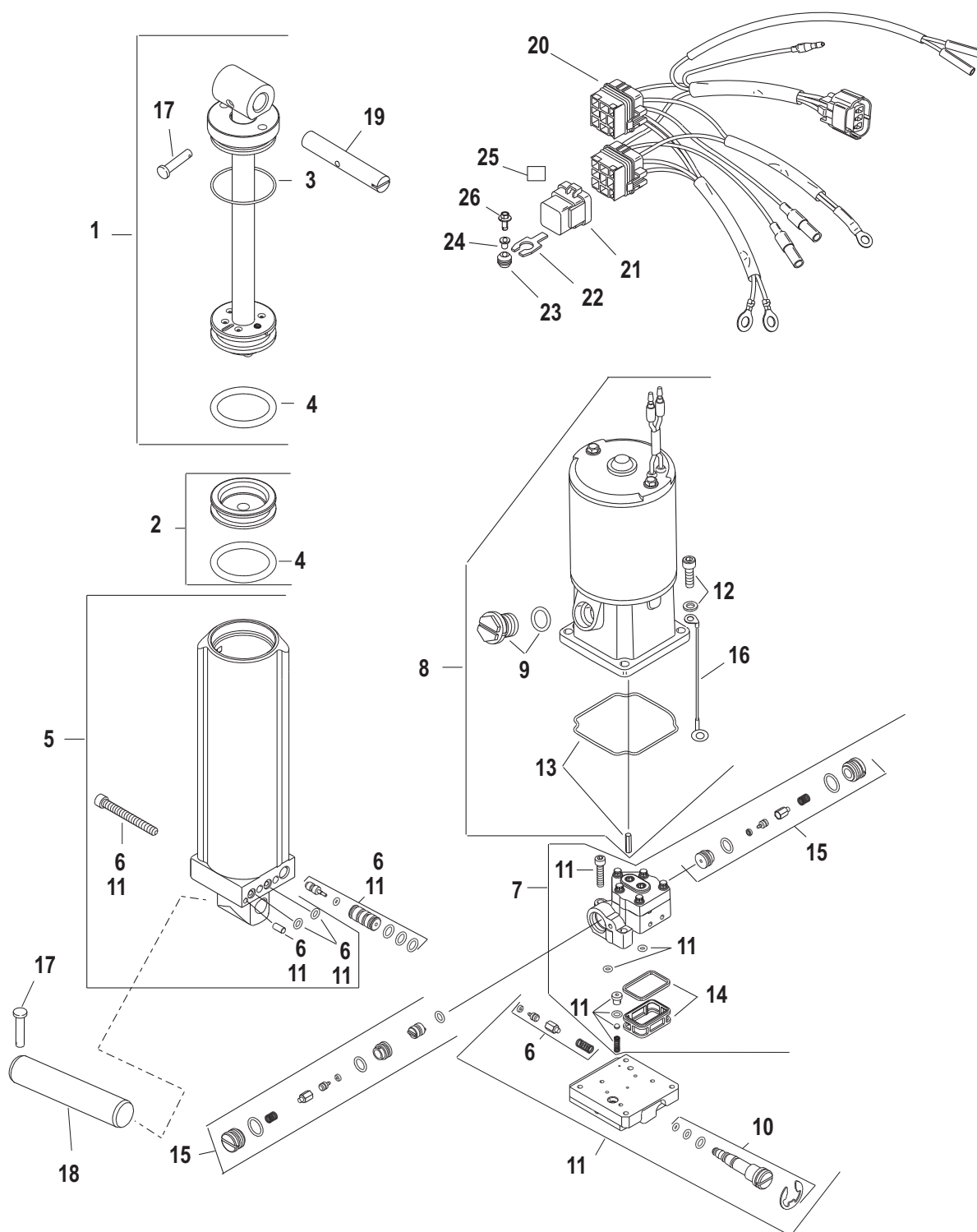
Manual Tilt



Manual Tilt

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	830050T3	MANUAL TRIM ASSEMBLY		1	
1	0000	813427A4	SHOCK ROD ASSEMBLY		1	
2	0000	813430A1	PISTON ASSEMBLY Trim Memory		1	
3	0025	809872A1	O-RING KIT Cylinder		1	
4		NSS	NOT SOLD SEPARATE O Ring			
5	0000	811224A1	CYLINDER ASSEMBLY		1	
6	0000	813433A2	SCREW AND SEAL KIT		1	
7	0000	813454A2	ACCUMULATOR ASSEMBLY		1	
8	0000	813455T4	VALVE BODY ASSEMBLY		1	
9	0000	813457A3	CAM KIT		1	
10	0000	809881A1	VALVE KIT Velocity		1	
11	0000	809882A1	REPAIR KIT		1	
12	0000	88238A13	CABLE ASSEMBLY Ground		1	
-	0025	809880A2	O-RING KIT		1	
13	0017	19607	PIN		2	
14	0017	821539	PIN Trilobe		2	

Power Trim

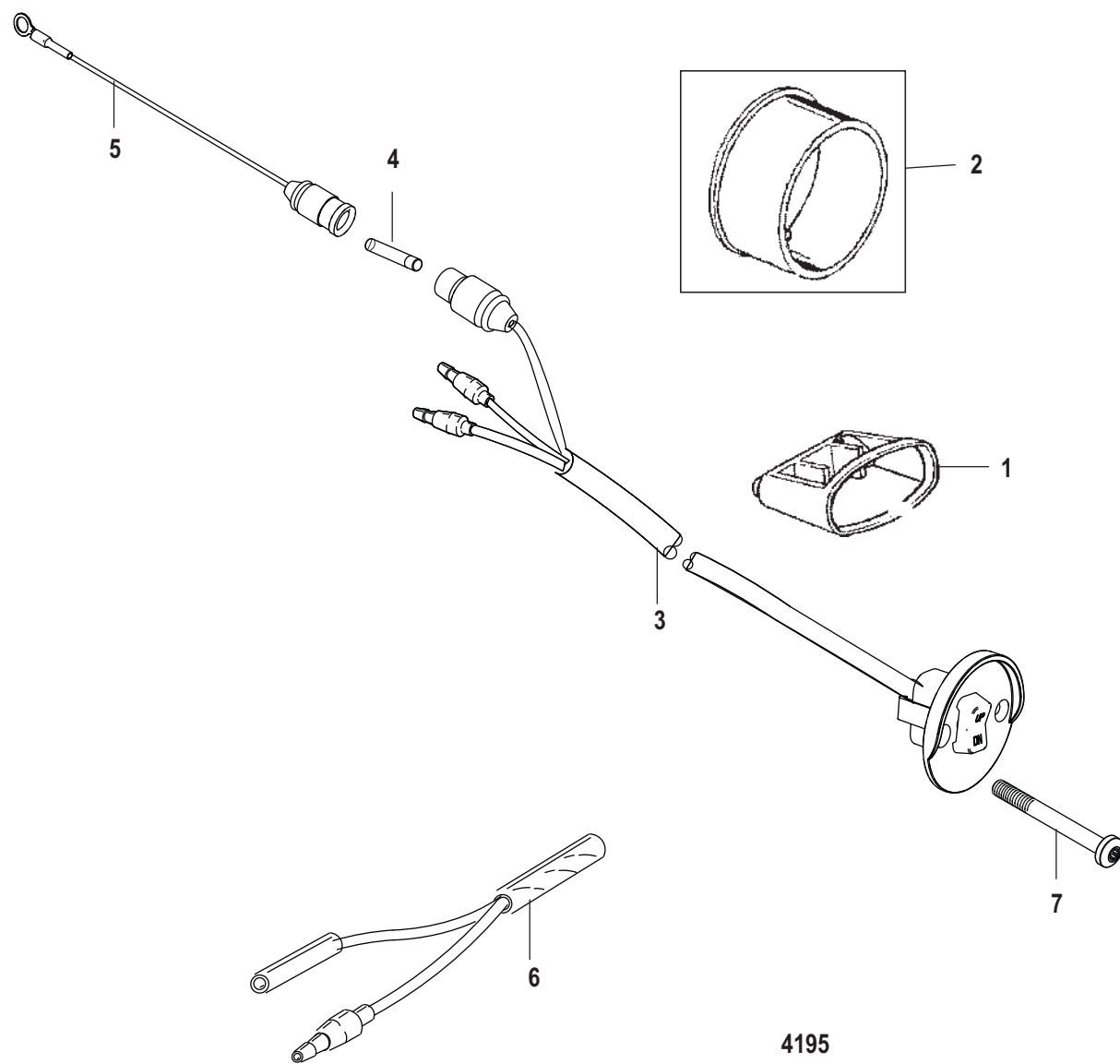


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Power Trim

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	830150T6	PUMP ASSEMBLY Power Trim		1	
1	0000	855833A1	SHOCK ROD KIT		1	
2	0000	810776A1	PISTON ASSEMBLY Memory		1	
3	0025	809872A2	O-RING KIT Rebuild		1	
4		NSS	NOT SOLD SEPARATE O Ring			
5	0000	811228A1	CYLINDER ASSEMBLY		1	
6	0000	809873A1	VALVE KIT Trim Limit		1	
7	0000	809874A1	PUMP ASSEMBLY		1	
8	0000	809885A2	MOTOR KIT		1	
9	0022	8134351	PLUG		1	
10	0000	813442A2	MANUAL RELEASE ASSEMBLY		1	
11	0000	809875A1	MANIFOLD KIT		1	
12	0010	809876A1	SCREW KIT (MOTOR)		1	
13	0000	809877A1	DRIVESHAFT/SEAL KIT		1	
14	0000	809878A1	FILTER KIT		1	
15	0000	809879A1	POPPET KIT		1	
16	0000	88238A18	CABLE ASSEMBLY		1	
-	0025	809880A1	O-RING KIT (COMPLETE TRIM)		1	
17	0017	821539	PIN Trilobe		2	
18	0017	19607	PIN		1	
19	0017	822869	PIN	[USA-0T979999/BEL-0P325499] & Below	1	
19	0017	822869001	PIN	[USA-0T980000/BEL-0P325500] & Up	1	
20	0084	826802T16	HARNESS ASSEMBLY Trim		1	
21	0000	882751A1	RELAY ASSEMBLY		2	
22	0000	828102	BRACKET		1	
23	0025	818967	GROMMET		1	
24	0023	818968	BUSHING		1	
25		NSS	NOT SOLD SEPARATE Decal-Trim Relay			
26	0010	82129125	SCREW (M6 x 25 MM) (M6 X 25)		2	

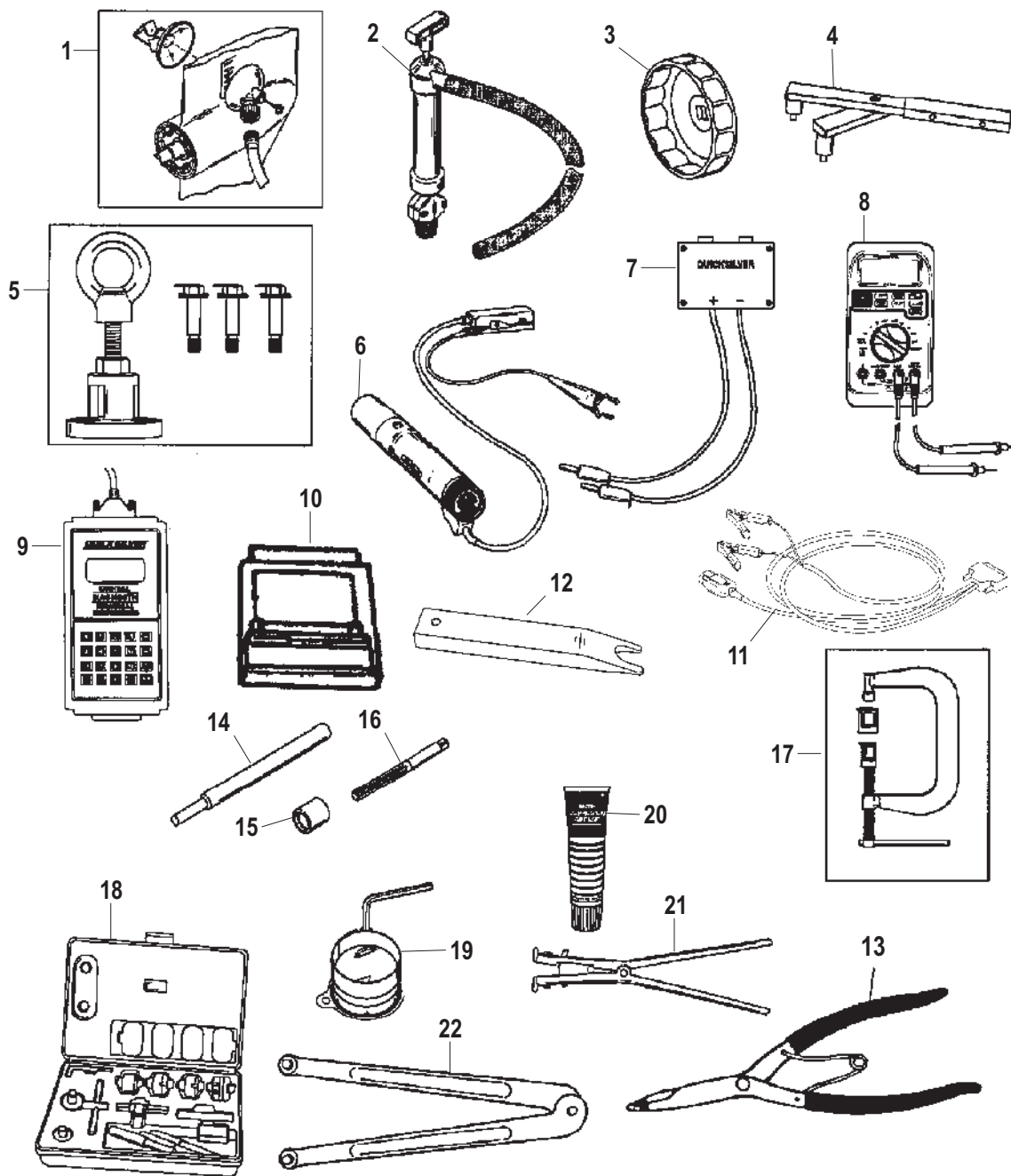
Trim Switch Kit



Trim Switch Kit

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0087	18286A18	SWITCH KIT Trim (10.00 Feet)		1	
1	0000	18861	RETAINER		1	
2	0000	814820	ADAPTER		1	
3		NSS	NOT SOLD SEPARATE Switch			
4	0088	79091	FUSE 20 Ampere		1	
5	0084	95084A2	CABLE ASSEMBLY		1	
6	0084	11149A2	CABLE ASSEMBLY (6.00 Inches)		2	
7	0010	19209	SCREW (#10-32 x 2.25)	(10-32)	2	
7	0010	813523	SCREW (#10-16 x 2.25)	(10-16)	2	

Tools 1



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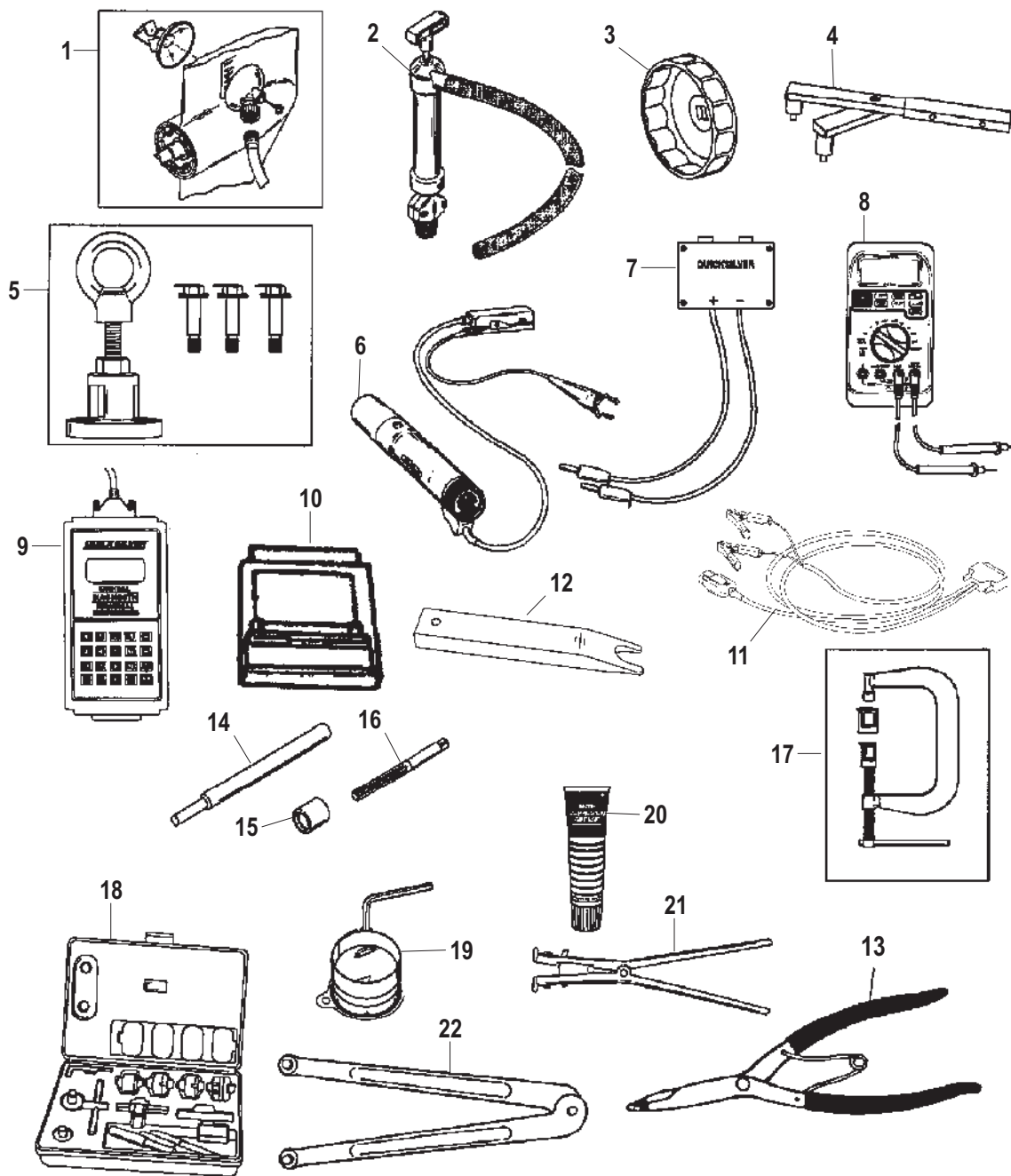
Tools 1

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	44357Q2	FLUSHING ATTACHMENT		1	[1]
2	0000	802889Q1	PUMP Crankcase Oil		1	[2]
3	0091	802653Q1	WRENCH Oil Filter	[USA-0T800999/BEL-0P267999] & Below	1	
3	0091	802653Q02	WRENCH Oil Filter	[USA-0T801000/BEL-0P268000] & Up	1	[3]
4	0091	83163M	HOLDER TOOL Flywheel		1	
5	0091	83164M	FLYWHEEL PULLER		1	
6	0091	99379	TIMING LIGHT		1	
7	0091	890451	ADAPTER TOOL Direct Voltage		1	
8	0091	854009A3	TACH MULTI METER DMT 2000 Digital	[USA-0T800999/BEL-0P267999] & Below	1	
8	0091	892647A01	MULTI-METER KIT DMT	[USA-0T801000/BEL-0P268000] & Up	1	
9	0091	823686A2	DIGITAL DIAGNOSTIC TESTER		1	
10	0091	880118A2	CARTRIDGE		1	
11	0084	822560A5	HARNESS ASSEMBLY DDT Adapter		1	
12	0091	883877A1	REMOVAL TOOL Fuel Injector		1	
13		NSS	NOT SOLD SEPARATE Lock ring Pliers (P/N-SRP2)			
14	0091	809495A1	REMOVER TOOL Valve Guide		1	
15	0091	809496A1	INSTALLER TOOL Valve Guide Bushing		1	
16	0091	809497A1	REAMER TOOL Valve Guide		1	
17	0091	809494A1	COMPRESSOR TOOL Valve Spring		1	
18		NSS	NOT SOLD SEPARATE Valve Seat Cutter Kit			
19	0000	FT2997	COMPRESSOR TOOL Piston Ring		1	
20	0092	802867Q1	ANTI-CORROSION GREASE 8 oz		1	[4]
21	0091	24697	EXPANDER TOOL Piston Ring		1	
22	0091	74951	SPANNER WRENCH		1	

PART NOTES:

- [1] - Alternate part numbers:
44357A 2Service Part
44357Q 2QS
44357T 2MPP
- [2] - Alternate part numbers:
802889A 1MPP
802889Q 1QS
- [3] - Alternate part numbers:
802653K02MPP
802653Q02QS

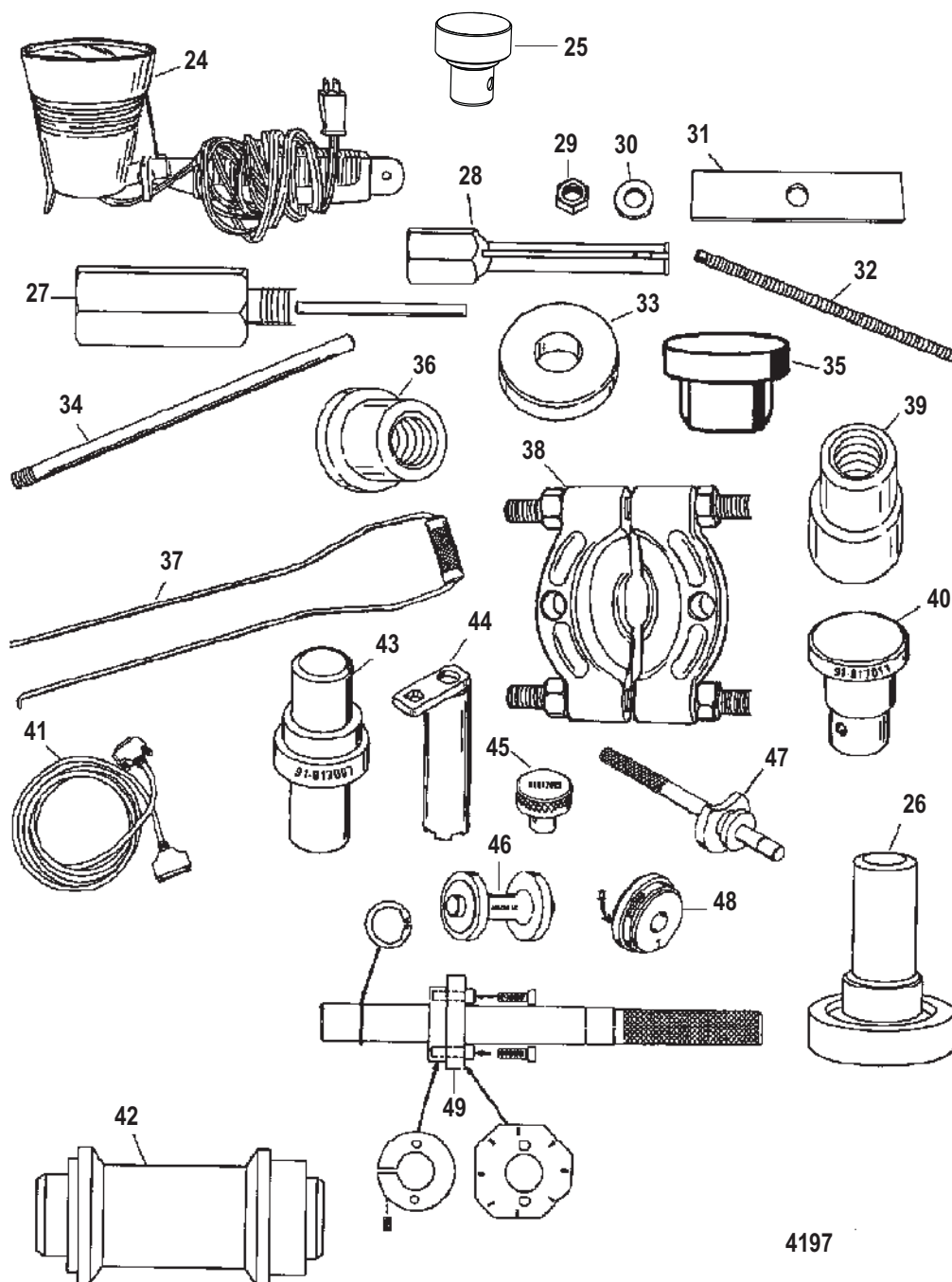
Tools 1



4196

Tools 1

- [4] - Alternate part numbers:
- 802867A 1MPP
- 802867Q 1QS

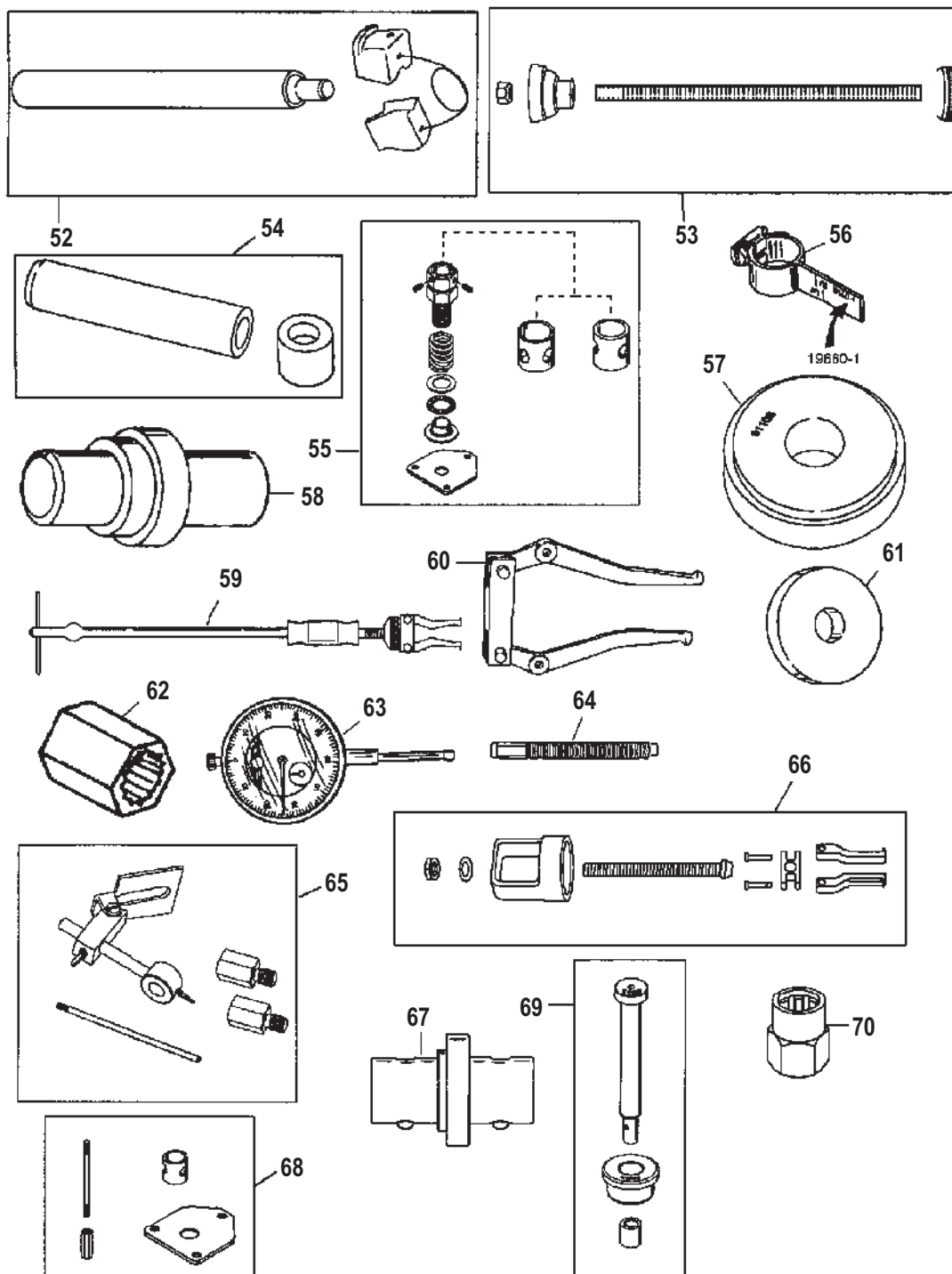


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Tools 2

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
24	0091	63209	HEAT LAMP		1	
25	0091	877321A1	INSTALLATION TOOL Bearing		1	
26	0091	13945	INSTALLATION TOOL Bearing		1	
-	0091	31229A7	PULLER KIT Bearing		1	
27		NSS	NOT SOLD SEPARATE Expanding Rod (P/N-CG-41-11)			
28		NSS	NOT SOLD SEPARATE Collet (P/N-CG-41-14)			
29	0011	24156	NUT (.625-18)		1	
30	0012	34961	WASHER		1	
31	0091	29310	PLATE		1	
32	0091	31229	SHAFT		1	
33	0091	36571T	PILOT WASHER		1	
34	0091	37323	DRIVER ROD TOOL Needle Bearings		1	
35	0091	15755T	NEEDLE BEARING DRIVER		1	
36	0091	36569T	DRIVE HEAD TOOL		1	
37	0091	27780	PULLER		1	
38	0091	37241	PULLER PLATE Universal		1	
39	0091	37312T	DRIVESHAFT BEARING DRIVER		1	
40	0091	817011T	INSTALLER TOOL Needle Bearing		1	
41	0084	825003A1	CABLE ASSEMBLY DDT (10 FT)		1	
42	0091	13949	DRIVER TOOL Oil Seal		1	
43	0091	817007T	INSTALLER TOOL Seal		1	
44	0091	43506T	RETAINING TOOL Bearing		1	
45	0091	817005	INSTALLER TOOL Bearing		1	
46	0091	817006	INSTALLER TOOL Water Pump Base Seal		1	
47	0091	817008A2	LOCATION TOOL Pinion Gear		1	
48	0091	817009T	DRIVER TOOL Bearing Cup		1	
49	0091	12349A2	LOCATION TOOL Pinion	[USA-0T979999/BEL-0P325499] & Below	1	
49	0091	12349A05	TOOL Pinion Locating	[USA-0T980000/BEL-0P325500] & Up	1	

Tools 3



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Tools 3

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
52	0091	14308T1	RACE TOOL Bearing	[USA-0T800999/BEL-0P267999] & Below	1	
52	0091	14308T02	BEARING RACE DRIVER	[USA-0T801000/BEL-0P268000] & Up	1	
53	0091	14309T1	INSTALLATION TOOL Bearing	[USA-0T800999/BEL-0P267999] & Below	1	
53	0091	14309T02	INSTALLATION TOOL Bearing	[USA-0T801000/BEL-0P268000] & Up	1	
54	0091	14310T1	WEAR SLEEVE DRIVER		1	
55	0091	14311A2	PRE LOAD TOOL Bearing	[USA-0T800999/BEL-0P267999] & Below	1	
55	0091	14311A04	TOOL Preload	[USA-0T801000/BEL-0P268000] & Up	1	
56	0091	196601	INDICATOR TOOL Backlash		1	
-	0091	78473	INDICATOR TOOL Backlash	(2.31:1 GEAR RATIO)	1	
57	0091	31106T	MANDREL Bearing Driver Cup		1	
58	0091	31108T	DRIVER Oil Seal		1	
59	0091	34569A1	PULLER ASSEMBLY Slide Hammer		1	
60	0091	46086A1	PULLER JAW ASSEMBLY		1	
61	0091	37350T	PILOT MANDREL		1	
62	0091	817070	HOLDING TOOL Driveshaft		1	
63	0091	58222A1	DIAL INDICATOR TOOL		1	
64	0091	85716	PULLER BOLT TOOL Bearing Carrier		1	
65	0091	83155	ADAPTER KIT Dial Indicator		1	
66	0091	83165T	PULLER ASSEMBLY		1	
67	0091	856875A1	INSTALLATION TOOL Bearing		1	
68	0091	817057A1	BACKLASH INDICATOR TOOL	[USA-0T800999/BEL-0P267999] & Below	1	
68	0091	817057A02	TOOL Backlash Indicator	[USA-0T801000/BEL-0P268000] & Up	1	
69	0091	817058A1	DRIVER TOOL Bearing		1	
70	0091	877840A1	HOLDING TOOL Driveshaft		1	

Powerhead Gasket Set Components

Powerhead Gasket Set Components

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0027	859352A02	GASKET SET		1	
0	0027	879866	GASKET SET Intake Manifold	(Contains 4 Gaskets)	1	
0	0026	858271	SEAL Valve Stem		6	
0	0027	883213	GASKET Vapor Separator Bowl		1	
0	0027	892319001	GASKET Cylinder Block		1	
0	0027	834775005	GASKET Exhaust Cover		1	
0	0027	824853	GASKET Thermostat Cover		1	
0	0025	627021	O-RING (.301 x .070) Temperature Sensor	(Plastic Housing)	1	
0	0025	854341	O-RING Cylinder Head		1	
0	0027	834777	GASKET Cylinder Head		1	
0	0025	90196	O-RING (.921 x .139) Oil Plug		1	
0	0025	857096	O-RING Oil Pump		1	
0	0025	857094	O-RING Oil Pump		1	
0	0025	857093	O-RING Oil Pump		1	
0	0026	825027	SEAL Crankshaft-Top		1	
0	0026	832013	SEAL Crankshaft-Bottom		1	
0	0027	892320001	GASKET Adaptor Plate		1	
0	0025	845746	O-RING Oil Pick-UP Plate		1	

Accessories

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0092	802833Q1	OIL (CASE)		A/R	[1]
-	0000	15000A7	KEY SWITCH KIT Remote Ignition		A/R	
-	0032	877680Q8	HOSE ASSEMBLY Fuel (8 Feet)	(8 FT.)(W/QUICK DISCONNECT)	A/R	[2]
-	0032	877680Q12	HOSE ASSEMBLY Fuel (12 Feet)	(12 FT.)(W/ QUICK DISCONNECT)	A/R	[3]
-	0032	877681Q8	HOSE ASSEMBLY Fuel (8 Feet)	(8 FT.)(W/ QUICK DISCONNECT ENGINE END ONLY)	A/R	[4]
-	0032	877681Q12	HOSE ASSEMBLY Fuel (12 Feet)	(12 FT.)(W/ QUICK DISCONNECT ENGINE END ONLY)	A/R	[5]
-	0032	877683Q12	HOSE ASSEMBLY Fuel (12 Feet)	(NO FITTINGS)	A/R	[6]
-	0032	877680Q8	HOSE ASSEMBLY Fuel (8 Feet)	(SUPPLIED WITH ENGINE)	A/R	[2]
-	0000	859185A2	ATTACHING KIT Remote Control		1	
-	0000	828019A1	SENDER KIT Oil Pressure		1	
-	0000	821400A2	SENDER KIT Power Trim		1	
-	0000	830150A8	POWER TRIM KIT	[0T979999] & Below	1	
-	0000	830150A8	POWER TRIM KIT	[0P325499] & Below	1	
-	0000	821455A12	TILLER HANDLE KIT 30/40 4-Stroke	(ELECTRIC START)	1	
-	0000	816667A2	BRACKET ASSEMBLY Steering	(W/O CARRYING HANDLE)	1	
-	0000	824072A5	EXTENSION KIT (22.5)	(Converts 20 In. to 22-1/2 In.)	1	
-	0090	899697A01	DIAGRAM SET Colored		1	

PART NOTES:

- [1] - Alternate part numbers:
802833A 1MPP
802833Q 1QS
- [2] - Alternate part numbers:
877680Q 8QS
877680T 8MPP
- [3] - Alternate part numbers:
827927A12Service Part
877680Q12QS
877680T12MPP
- [4] - Alternate part numbers:
17146A 8Service Part
877681Q 8QS
877681T 8MPP

Accessories

- [5] - Alternate part numbers:
 - 17146A12Service Part
 - 877681Q12QS
 - 877681T12MPP
- [6] - Alternate part numbers:
 - 877683Q12QS
 - 877683T12MPP

PARTS INDEX

Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
10212020	OWNERS MANUAL	2	0	10212030	OWNERS MANUAL	2	0
10212040	OWNERS MANUAL	2	0	10212050	OWNERS MANUAL	2	0
11083A31	SWITCH Stop	50	27	11149A2	CABLE ASSEMBLY (6.00 Inches)	76	6
120441	RETAINER Brass	50	28	12134	WASHER Wave	6	14
12349A05	TOOL Pinion Locating	82	49	12349A2	LOCATION TOOL Pinion	82	49
13541	PLUG Male	10	28	13945	INSTALLATION TOOL Bearing	82	26
13949	DRIVER TOOL Oil Seal	82	42	14308T02	BEARING RACE DRIVER	84	52
14308T1	RACE TOOL Bearing	84	52	14309T02	INSTALLATION TOOL Bearing	84	53
14309T1	INSTALLATION TOOL Bearing	84	53	14310T1	WEAR SLEEVE DRIVER	84	54
14311A04	TOOL Preload	84	55	14311A2	PRE LOAD TOOL Bearing	84	55
15000A7	KEY SWITCH KIT Remote Ignition	88	-	15755T	NEEDLE BEARING DRIVER	82	35
15885	SLEEVE	20	16	15920Q54	LANYARD ASSEMBLY	50	36
18173	BRACKET ASSEMBLY Latch Roller	4	10	18286A18	SWITCH KIT Trim (10.00 Feet)	76	-
18486F5	BRACKET Anchor	58	12	18856M	KEY	46	2
18861	RETAINER	76	1	191833	SEAL	64	5
191833	SEAL	64	7	19209	SCREW (#10-32 x 2.25)	76	7
19291A3	CARRIER ASSEMBLY Bearing	68	59	19384	SOCKET	20	22
1938525	LINK	58	27	19564	GROMMET	48	25
19565	GROMMET	48	25	19605	WASHER (.520 x .850 x .060) Nylon - Black	58	30
19606	BEARING	56	9	19607	PIN	72	13
19607	PIN	74	18	19608A14	ATTACHING KIT Engine Steering	56	1
19611	SCREW (.375-16 x .62)	58	33	196141	TILT TUBE	58	22
19615A4	LEVER ASSEMBLY Tilt	58	28	19618A2	LEVER ASSEMBLY Tilt Lock	58	5
19619	WASHER	58	11	19621	TILT KNOB	58	32
19624A1	SEAL KIT	58	38	196601	INDICATOR TOOL Backlash	84	56
1993716	SCREW (M6 x 16)	6	16	20839T	BEARING Ball	68	58
210711	COTTER PIN	20	26	21700	BEARING Needle	68	61
22740	CLIP	58	41	23784	PIN Dowel	48	5
24156	NUT (.625-18)	82	29	24697	EXPANDER TOOL Piston Ring	78	21
24836	CLIP	10	43	26855	O-RING (1.609 x .139)	64	31
26995	LOCKWASHER (#8) Stainless Steel	4	5	26995	LOCKWASHER (#8) Stainless Steel	4	14
27780	PULLER	82	37	28421	WASHER (1.5 x 3.05 x 0.13) Stainless Steel	58	25
291112	FITTING	48	14	29245	WASHER (.281 x .500 x .060) Stainless Steel	6	4
29245	WASHER (.281 x .500 x .060) Stainless Steel	14	17	29245	WASHER (.281 x .500 x .060) Stainless Steel	16	17
29245	WASHER (.281 x .500 x .060) Stainless Steel	20	25	29245	WASHER (.281 x .500 x .060) Stainless Steel	58	15
29245	WASHER (.281 x .500 x .060) Stainless Steel	66	35	29310	PLATE	82	31
29330	WASHER	54	19	29619	O-RING (.583 x .103)	58	39
309773	SPACER	14	4	31106T	MANDREL Bearing Driver Cup	84	57
31108T	DRIVER Oil Seal	84	58	31229	SHAFT	82	32
31229A7	PULLER KIT Bearing	82	-	34569A1	PULLER ASSEMBLY Slide Hammer	84	59
34961	WASHER	82	30	36569T	DRIVE HEAD TOOL	82	36
36571T	PILOT WASHER	82	33	37241	PULLER PLATE Universal	82	38
37312T	DRIVESHAFT BEARING DRIVER	82	39	37323	DRIVER ROD TOOL Needle Bearings	82	34
37350T	PILOT MANDREL	84	61	37828	WASHER (.390 x .625 x .062) Stainless Steel	56	4
38114	SPRING	68	55	384073	PLUG Pipe (.500-14)	38	4
4000325	SCREW (M6 x 8)	42	3	4000330	SCREW (M6 x 25)	50	14
4000330	SCREW (M6 x 25)	58	14	4000333	SCREW (M6 x 40)	44	10
4000354	SCREW (M8 x 30)	58	16	4000355	SCREW (M8 x 35)	58	17
4000377	SCREW (M10 x 30)	54	28	4000380	SCREW (M10 x 45)	62	17
4000380	SCREW (M10 x 45)	68	71	40011107	SCREW (M5 x 16) Stainless Steel	10	30
40011107	SCREW (M5 x 16) Stainless Steel	20	30	40011107	SCREW (M5 x 16) Stainless Steel	50	13
40011126	SCREW (M6 x 13) Stainless Steel	22	24	40011128	SCREW (M6 x 20) Stainless Steel	42	15
40011128	SCREW (M6 x 20) Stainless Steel	42	20	40011128	SCREW (M6 x 20) Stainless Steel	48	24
40011128	SCREW (M6 x 20) Stainless Steel	54	4	40011149	SCREW (M8 x 25) Stainless Steel	56	15
40011151	SCREW (M8 x 35) Stainless Steel	50	37	40011153	SCREW (M8 x 45) Stainless Steel	10	40
40011158	SCREW (M8 x 70) Stainless Steel	20	1	4002316	WASHER (6.60 X 17.0 X 1.5SS)	8	3
4002316	WASHER (6.60 X 17.0 X 1.5SS)	14	13	4002316	WASHER (6.60 X 17.0 X 1.5SS)	16	13
4002316	WASHER (6.60 X 17.0 X 1.5SS)	22	21	4002316	WASHER (6.60 X 17.0 X 1.5SS)	34	44
4002316	WASHER (6.60 X 17.0 X 1.5SS)	36	38	4002319	WASHER	58	35
4002320	WASHER	12	16	400257	LOCKWASHER (M8)	58	18
4005685	SCREW (M4 x 10)	42	11	4006731	SCREW (M6 x 16)	4	11

PARTS INDEX

Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
4007455	SCREW (M6 x 55)	48	21	4008910	SCREW (M8 x 10) Stainless Steel	56	15
4009040	SCREW (M10 x 40) Stainless Steel	58	34	401196	NUT (M6)	20	3
401196	NUT (M6)	22	22	401366	NUT (M6) Stainless Steel	28	5
401385	NUT (M5) Stainless Steel	14	5	401386	NUT (M6) Stainless Steel	8	21
401388	NUT (M8) Stainless Steel	58	19	4013930	SCREW (M5 x 30)	12	11
40140	NUT (M10)	54	16	40140	NUT (M10)	58	36
40140	NUT (M10)	62	12	41326	BEARING Roller	68	50
416223	PLUG Pipe (.750-14)	38	5	42941	SEAL Water Tube	62	1
42941001	SEAL Water Tube	62	1	42942	CAP	20	7
42973	BOLT (M12 x 154)	54	8	4324210	CABLE ASSEMBLY Throttle (30.50 Inches)	50	5
4324211	CABLE ASSEMBLY Throttle (41.50 Inches)	50	6	43506T	RETAINING TOOL Bearing	82	44
44357Q2	FLUSHING ATTACHMENT	78	1	46086A1	PULLER JAW ASSEMBLY	84	60
47341A11	ROPE AND HANDLE KIT Manual Starting	4	16	479452	PLUG	38	3
479452	PLUG	38	14	49930A1	PIN ASSEMBLY Tilt Lock	58	20
55098	J CLIP	14	16	55910	NUT (.437-20)	64	8
56762	TIE STRAP (4.00 Inches)	36	36	58222A1	DIAL INDICATOR TOOL	84	63
61787	HOLDER	18	9	627021	O-RING (.301 x .070)	28	20
627021	O-RING (.301 x .070)	38	22	627021	O-RING (.301 x .070) Temperature Sensor	86	0
629101	FITTING Elbow - 90 Degree (.125-27)	42	18	629101	FITTING Elbow - 90 Degree (.125-27)	48	6
63209	HEAT LAMP	82	24	65292	J CLIP	10	39
65830	NYLINER	58	7	68575T2	PINION	18	5
69188	SEAL Oil	68	62	69189	SEAL Oil	68	63
69205	C WASHER	58	42	69578Q1	PROP NUT KIT	68	69
71970	WASHER (.390 x .546 x .12)	56	3	72397	WASHER	68	46
73345A1	THRUST HUB	68	68	74036	FITTING Grease	56	10
74951	SPANNER WRENCH	78	22	753841	BRUSH/SPRING KIT	18	8
76281	TAB WASHER	68	70	768042	SHOULDER SCREW Hex	54	25
77653101	HOSE (48.00 Inches Bulk) (Cut to 19 IN.)	38	25	782792	FITTING Elbow 45 Degree (1.25)	32	34
78473	INDICATOR TOOL Backlash	84	-	78861	SPACER	58	40
79091	FUSE 20 Ampere	76	4	79953Q2	SCREW KIT (.375-16 x .250) Drain	64	4
79953Q2	SCREW KIT (.375-16 x .250) Drain	64	6	802653Q02	WRENCH Oil Filter	78	3
802653Q1	WRENCH Oil Filter	78	3	802833Q1	OIL (CASE)	88	-
802867Q1	ANTI-CORROSION GREASE 8 oz	78	20	802889Q1	PUMP Crankcase Oil	78	2
803017T01	POWERHEAD ASSEMBLY	10	-	803017T01	POWERHEAD ASSEMBLY	38	-
803017T01	POWERHEAD ASSEMBLY	42	-	803017T01	POWERHEAD ASSEMBLY	46	-
809494A1	COMPRESSOR TOOL Valve Spring	78	17	809495A1	REMOVER TOOL Valve Guide	78	14
809496A1	INSTALLER TOOL Valve Guide Bushing	78	15	809497A1	REAMER TOOL Valve Guide	78	16
809872A1	O-RING KIT Cylinder	72	3	809872A2	O-RING KIT Rebuild	74	3
809873A1	VALVE KIT Trim Limit	74	6	809874A1	PUMP ASSEMBLY	74	7
809875A1	MANIFOLD KIT	74	11	809876A1	SCREW KIT (MOTOR)	74	12
809877A1	DRIVESHAFT/SEAL KIT	74	13	809878A1	FILTER KIT	74	14
809879A1	POPPET KIT	74	15	809880A1	O-RING KIT (COMPLETE TRIM)	74	-
809880A2	O-RING KIT	72	-	809881A1	VALVE KIT Velocity	72	10
809882A1	REPAIR KIT	72	11	809885A2	MOTOR KIT	74	8
810776A1	PISTON ASSEMBLY Memory	74	2	811224A1	CYLINDER ASSEMBLY	72	5
811228A1	CYLINDER ASSEMBLY	74	5	8119011	CAP Commutator	18	7
8124431	RETAINER	6	20	812707	BUSHING	6	13
812707	BUSHING	58	29	812708	SPRING	58	8
812709T	KNOB	58	9	8128301	PLUG Trim Switch	6	18
813427A4	SHOCK ROD ASSEMBLY	72	1	813430A1	PISTON ASSEMBLY Trim Memory	72	2
813433A2	SCREW AND SEAL KIT	72	6	8134351	PLUG	74	9
813442A2	MANUAL RELEASE ASSEMBLY	74	10	813454A2	ACCUMULATOR ASSEMBLY	72	7
813455T4	VALVE BODY ASSEMBLY	72	8	813457A3	CAM KIT	72	9
813523	SCREW (#10-16 x 2.25)	76	7	813960A3	SWITCH	20	31
814259	SCREW (.500-20 x 4.00)	58	24	8147763	SCREW (M6 x 60)	20	2
814803	WASHER	64	33	814820	ADAPTER	76	2
815460	O-RING	68	60	816311T	TIE STRAP (8.00 Inches)	6	11
816311T	TIE STRAP (8.00 Inches)	10	27	816311T	TIE STRAP (8.00 Inches)	12	18
816311T	TIE STRAP (8.00 Inches)	22	13	816311T	TIE STRAP (8.00 Inches)	28	26
816311T	TIE STRAP (8.00 Inches)	38	20	816311T	TIE STRAP (8.00 Inches)	48	7
816311T	TIE STRAP (8.00 Inches)	48	15	816311T	TIE STRAP (8.00 Inches)	50	34

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8165621	DISC	54	24	816667A2	BRACKET ASSEMBLY Steering	88	-
816667F3	BRACKET	54	26	816669F1	TAB WASHER	50	24
816669F1	TAB WASHER	54	27	816856A4	CONNECTOR ASSEMBLY Fuel	22	18
817005	INSTALLER TOOL Bearing	82	45	817006	INSTALLER TOOL Water Pump Base Seal	82	46
817007T	INSTALLER TOOL Seal	82	43	817008A2	LOCATION TOOL Pinion Gear	82	47
817009T	DRIVER TOOL Bearing Cup	82	48	817011T	INSTALLER TOOL Needle Bearing	82	40
817057A02	TOOL Backlash Indicator	84	68	817057A1	BACKLASH INDICATOR TOOL	84	68
817058A1	DRIVER TOOL Bearing	84	69	817070	HOLDING TOOL Driveshaft	84	62
81773M	NUT	12	9	818226A1	SEAL/PLATE KIT	64	2
818298Q1	ANODE KIT	58	13	818967	GROMMET	14	8
818967	GROMMET	16	8	818967	GROMMET	74	23
818968	BUSHING	14	9	818968	BUSHING	16	9
818968	BUSHING	74	24	82129110	SCREW (M6 x 10)	14	15
82129114	SCREW (M6 x 14)	8	7	82129114	SCREW (M6 x 14)	8	15
82129114	SCREW (M6 x 14)	8	17	82129114	SCREW (M6 x 14)	16	15
82129125	SCREW (M6 x 25 MM)	8	1	82129125	SCREW (M6 x 25 MM)	14	10
82129125	SCREW (M6 x 25 MM)	16	10	82129125	SCREW (M6 x 25 MM) (M6 X 25)	74	26
82129145	SCREW (M6 x 45)	16	5	82129155	SCREW (M6 x 55)	16	19
82130025	SCREW (M6 x 25)	34	43	82130025	SCREW (M6 x 25)	36	7
82130025	SCREW (M6 x 25)	36	37	821306T12	GEAR HOUSING ASSEMBLY Basic	64	1
821306T12	GEAR HOUSING ASSEMBLY Basic	68	1	821306T17	GEAR HOUSING ASSEMBLY Complete	64	-
821306T17	GEAR HOUSING ASSEMBLY Complete	68	-	821306T54	GEAR HOUSING ASSEMBLY (3.44 Inch/87.37 mm Torpedo Diameter) Complete	64	-
821306T54	GEAR HOUSING ASSEMBLY (3.44 Inch/87.37 mm Torpedo Diameter) Complete	68	-	821307A2	BASE ASSEMBLY Water Pump	64	22
821308	O-RING (1.421 x .139)	64	25	821309	SEAL	64	23
821310	SEAL	64	24	821311	BEARING Ball	64	27
821312T1	GEAR Reverse - 26 Teeth (26 TEETH)	68	57	821314T	CLUTCH	68	54
821315T1	GEAR ASSEMBLY Forward - 26 Teeth (26 TEETH)	68	47	8213161	CAM Shift	66	37
821321A2	BEARING ASSEMBLY	64	10	821326T1	GEAR Pinion - 13 Teeth (13 TEETH)	64	9
821327	PIN Dowel	68	39	821351A3	HOUSING ASSEMBLY Water Pump Upper	64	13
8213542	FACE PLATE	64	20	821354A04	REPAIR KIT Water Pump	66	-
821400A2	SENDER KIT Power Trim	88	-	8214281	SCREW (#10-16 x .625)	20	11
8214281	SCREW (#10-16 x .625)	28	27	821455A12	TILLER HANDLE KIT 30/40 4-Stroke	88	-
821455A4	BRACKET Tiller	50	29	821461	SPRING	58	21
821463A2	TILLER TUBE	50	18	821465	HANDLE Throttle	50	20
821477	BUSHING 1.485-1.475 Inside Diameter	50	10	821477	BUSHING 1.485-1.475 Inside Diameter	50	31
821539	PIN Trilobe	72	14	821539	PIN Trilobe	74	17
8215772	PROPELLER SHAFT	68	56	821578	FOLLOWER Cam	68	51
8217711	BUSHING	56	7	821777	BUSHING (LOWER)	56	13
821827	RETAINER	64	30	821828	TUBE	68	41
821829	SCREEN	68	43	821945T68	CABLE ASSEMBLY Hi Tension	14	3
821957A2	PLATE/DISC ASSEMBLY	54	21	821961	ROD (THREADED)	54	20
821971	LOCK Throttle	50	15	821972	KNOB Throttle	50	17
822148A6	COVER KIT	50	1	822150	PULLEY	50	2
822157T2	TRIM TAB	68	44	822158	BOOT	64	29
822189	GASKET Upper Water Pump	64	18	822217	GASKET Lower Water Pump (LOWER)	64	19
822369	PIN (.125 x .625)	66	38	82239312	SCREW (M5 x 12)	10	44
822397	PUCK	56	6	822404	SEAL	56	14
822407F1	COVER	50	9	822408	GROMMET	48	26
822408001	GROMMET	48	26	8224261	BRACKET	4	12
822441	RETAINER	50	12	822459	RETAINER	20	18
822464	PLUG	48	12	822560A5	HARNESS ASSEMBLY DDT Adapter	78	11
822625	NIPPLE (M20)	38	7	822626K04	FILTER Oil	38	11
822626T2	FILTER Oil	38	11	822650	RETAINER	30	5
822651	KEY	30	6	822682A4	LEVER ASSEMBLY Throttle	20	4
8227731	INSERT Threaded	68	66	822865F2	BRACKET Transom	58	4
822866A1	BRACKET ASSEMBLY Transom	58	1	822869	PIN	74	19
822869001	PIN	74	19	8231871	SCREW (M4 x 14.5)	4	4
8231871	SCREW (M4 x 14.5)	4	13	8235471	SEAL	64	14
823547A03	SEAL KIT Gear Housing	66	-	823547A03	SEAL KIT Gear Housing	70	-

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823548T	TIE STRAP	64	28	823567105	SCREW (M10 x 105) Hex Flange - Stainless Steel	54	13
823609A14	SWITCH Stop	50	22	8236384	ARMATURE	18	4
8236392	DRIVE CAP	18	6	823686A2	DIGITAL DIAGNOSTIC TESTER	78	9
823687	CLIP	50	26	8237011	DECAL Co-Pilot	56	11
8237515	NUT (M4)	4	6	8237515	NUT (M4)	4	15
823791	PLATE	54	23	823792	LEVER	54	18
823919	SCREW (.375-24 x 1.500)	56	2	823942	GASKET	68	40
823984	STUD (M10 x 50)	62	10	824072A5	EXTENSION KIT (22.5)	88	-
8242004	DECAL	50	19	824459110	SCREW (M8 x 110) Stainless Steel	62	4
8248324	SCREW (M6 x 16)	8	12	8248324	SCREW (M6 x 16)	20	15
8248324	SCREW (M6 x 16)	64	12	8248326	SCREW (M6 x 25 MM)	12	2
8248326	SCREW (M6 x 25 MM)	28	22	8248329	SCREW (M6 x 40)	10	34
8248329	SCREW (M6 x 40)	20	6	82484890	SCREW (M10 x 90)	50	25
824853	GASKET	38	16	824853	GASKET Thermostat Cover	86	0
824923	PLATE Switch	20	33	824928	PLUG Rubber	68	42
824928001	PLUG Rubber	68	42	82497020	SCREW (M8 x 20)	68	45
824993	SPRING Backing	20	28	824994	SPRING Plate	20	29
825003A1	CABLE ASSEMBLY DDT (10 FT)	82	41	82500925	SCREW (M6 x 25)	42	17
825010	PIN Dowel	38	8	825010	PIN Dowel	42	24
825016	PIN Piston	46	13	825017	RETAINER	46	14
825019	BOLT	46	7	825021	BEARING Brown	46	8
8250211	BEARING Black	46	8	8250212	BEARING Blue	46	8
825024	BEARING Brown	38	6	8250241	BEARING Black	38	6
8250242	BEARING Blue	38	6	825027	SEAL	46	4
825027	SEAL Crankshaft-Top	86	0	8250311	COVER	38	17
82503395	SCREW (M9 x 95)	42	16	825045A2	ROCKER ARM	30	7
825046	SCREW	30	8	8250521	SPRING	30	13
825054	BREATHER PIPE	42	9	82506182	SCREW (M8 x 82)	38	9
8250741	PLATE Solenoid	8	16	825078	BUSHING	20	20
825096T	RELAY	8	19	825212	THERMOSTAT	38	15
825212001	THERMOSTAT	38	15	825218T7	HOUSING ASSEMBLY Driveshaft	62	2
825220T06	PIPE Exhaust	62	3	825222F3	ARM Steering	54	7
825228A17	ADAPTER PLATE ASSEMBLY	48	11	8252381	SEAL	6	5
8252517	GASKET	48	22	82526225	SCREW (M8 x 25 MM)	50	8
8255662	SEAL	4	7	825782F1	LEVER Cowl Latch	6	12
825783	LATCH HOOK	6	15	8259571	LEVER Shift	20	19
825989003	DIPSTICK TUBE	48	2	8259892	DIPSTICK TUBE	48	2
825990	DIPSTICK	48	1	826077	SPRING Detent	20	27
826149	PIN	44	2	826150	NUT	30	9
826193T2	DRIVESHAFT	64	26	826194A1	DRIVESHAFT	64	26
8261991	SPRING	68	52	826233T4	SWIVEL TUBE	54	10
826267T2	MOUNT	54	3	826273	BOOT	6	10
826276	BUMPER	62	8	826277T1	BOTTOM COWL	6	1
826278T7	BOTTOM COWL	6	2	826291F1	LATCH	4	3
826291F2	LATCH	4	3	826588A4	SHIFT SHAFT ASSEMBLY Horizontal	20	23
826658	BUMPER	54	5	826709113	NUT (.375-24) Stainless Steel	54	17
826709113	NUT (.375-24) Stainless Steel	56	5	82671117	NUT (.500-20)	58	26
826792	WAVE WASHER	50	30	826802T16	HARNESS ASSEMBLY Trim	74	20
82684430	SCREW (M6 x 30)	6	3	82684430	SCREW (M6 x 30)	14	14
82684430	SCREW (M6 x 30)	16	14	82684430	SCREW (M6 x 30)	22	9
82684430	SCREW (M6 x 30)	28	25	82684460	SCREW (M6 x 60)	6	8
8272822	DECAL Warning High Voltage	18	11	827314	WASHER	50	32
82761140	SCREW (M10 x 40)	12	15	827706A4	BRACKET	20	13
8277071	RETAINER	20	24	827865A1	SHIFT SHAFT	64	34
827865A2	SHIFT SHAFT	64	34	8279231	STRAP	54	2
827948	FITTING Telltale	6	9	8279971	SPACER	54	9
8279973	SPACER	54	9	828019A1	SENDER KIT Oil Pressure	88	-
8280401	PRESSURE SWITCH	10	35	828102	BRACKET	14	7
828102	BRACKET	16	7	828102	BRACKET	74	22
8282451	SEAL	56	16	8283582	SENSOR Crank Position	10	29

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Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
828529	GUIDE	62	14	828547353	CONDUIT (.350 Inside Diameter x 3.00 Feet Bulk) (22 IN.)	26	1
828547633	CONDUIT (.620 Inside Diameter x 3.00 Feet Bulk)	50	33	828547T1	CONDUIT (.500 Inside Diameter x 3.00 Feet Bulk) (13 IN.)	24	25
828547T1	CONDUIT (.500 Inside Diameter x 3.00 Feet Bulk) (26 IN.)	24	26	828706	BUMPER	62	15
828813T1	ARM Steering Handle	50	11	828816	GASKET	62	7
828817	GROMMET	62	9	828817001	GROMMET	62	9
8288181	PLUG Drain	62	6	8289151	HEAT SHIELD	48	4
828932	SEAL Oil	48	8	828985	BRACKET	54	14
830050T3	MANUAL TRIM ASSEMBLY	72	-	830150A8	POWER TRIM KIT	88	-
830150A8	POWER TRIM KIT	88	-	830150T6	PUMP ASSEMBLY Power Trim	74	-
830180	HANDLE	50	38	830181	BUSHING	52	39
8301821	SHIFT ROD	50	23	830253	DECAL Tilt Lock	58	37
830294T3	BRACKET	42	19	830756109	HOSE (57.00 Inches Bulk) To Vapor Separator Cover (Cut to 16 IN.)	22	11
830756109	HOSE (57.00 Inches Bulk) (Cut to 8 IN.)	22	14	830756109	HOSE (57.00 Inches Bulk) (Cut to 38 IN.)	22	17
830756109	HOSE (57.00 Inches Bulk) (Cut to 17 IN.)	48	13	830757130	TUBING (.312) (70.00 Inches Bulk) To VST Cooler (Cut to 29 IN.)	22	10
830757130	TUBING (.312) (70.00 Inches Bulk) To VST Cooler (Cut to 31 IN.)	22	10	830757130	TUBING (.312) (70.00 Inches Bulk) To Telltale (Cut to 6 IN.)	22	12
830757130	TUBING (.312) (70.00 Inches Bulk) To Fitting in Adapter Plate (Cut to 10 IN.)	38	26	8308971	FOAM PAD	10	33
831294	BELT	12	17	83155	ADAPTER KIT Dial Indicator	84	65
83163M	HOLDER TOOL Flywheel	78	4	83164M	FLYWHEEL PULLER	78	5
83165T	PULLER ASSEMBLY	84	66	832013	SEAL	46	5
832013	SEAL Crankshaft-Bottom	86	0	83296915	FUSE Mini - Blue - 15 Ampere	10	25
83296920	FUSE Mini - Yellow - 20 Ampere	10	25	832990T3	VALVE Intake	30	2
832991T3	VALVE Exhaust	30	1	833099A1	RING SET Piston (TOP)	46	10
833100T2	RING Piston (TOP)	46	10	833100T3	RING Piston (TOP)	46	10
8331011	RING Oil	46	12	833102T	GEAR Drive	12	14
833104T6	GEAR Driven	12	5	834774T1	CRANKSHAFT ASSEMBLY	46	1
834775004	GASKET	38	12	834775005	GASKET	38	12
834775005	GASKET Exhaust Cover	86	0	834776T4	COVER Exhaust	38	13
834777	GASKET	42	14	834777	GASKET Cylinder Head	86	0
834779A1	COVER	42	8	834780T1	SHAFT Rocker	30	10
834781T1	CAMSHAFT	44	1	834785T7	TOP COWL ASSEMBLY	4	1
834785T8	TOP COWL ASSEMBLY	4	1	834786A3	SOUND BLANKET KIT	4	8
834838	LOAD RING	12	13	834985	GROMMET	8	4
834985	GROMMET	14	12	834985	GROMMET	16	12
834985	GROMMET	22	20	834985	GROMMET	32	42
834985	GROMMET	36	11	84436M	WASHER	12	10
845746	O-RING	48	23	845746	O-RING Oil Pick-UP Plate	86	0
850066A1	SWIVEL BRACKET	56	8	850082T34	CYLINDER BLOCK	38	1
850082T35	CYLINDER BLOCK (Bigfoot)	38	2	850168T5	HOUSING Driveshaft	62	2
850169	TUBE Water	62	13	850175T2	SWIVEL TUBE	54	10
8508910	IMPELLER	64	21	85093	PIN	68	53
85119	KEY	64	16	852151A1	TOOL KIT	2	0
852375A6	HARNESS ASSEMBLY Extension	10	42	852554T1	BOTTOM COWL	6	1
852555T5	BOTTOM COWL	6	2	8525601	LIFTING EYE	38	23
854009A3	TACH MULTI METER DMT 2000 Digital	78	8	854341	O-RING	42	7
854341	O-RING Cylinder Head	86	0	854445	SENSOR MAP	28	18
854713	SPRING	30	15	854789	PLATE Oil Pickup-Top	48	17
8547911	BAFFLE	48	19	854793	HOSE Oil Pickup	48	18
855228	CLAMP	48	20	855236	PLATE Baffle	42	10
8554241	FITTING	32	29	8554246	FITTING	32	2
855428	SLEEVE	32	24	855576	WASHER	6	6
855627	GASKET	6	7	855833A1	SHOCK ROD KIT	74	1
85583464	TUBING (34.00 Inches Bulk) (Cut to 9 Inches)	36	4	85593	PIN (.078 x .437)	66	36
85594	O-RING (.239 x .174)	64	32	85594030	SCREW (M8 x 30)	68	65
855941	WASHER (.323 x .590 x .112) Stainless Steel	68	64	856040	BRACKET	8	8
8560552	SEAL	48	3	8560642	PISTON w/o Rings	46	9
8560643	PISTON w/o Rings	46	9	856064A1	PISTON ASSEMBLY	46	9

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856065T1	CONNECTING ROD	46	6	8566031	DEFLECTOR Cowl	22	8
856743	BUSHING	48	9	856774	WASHER (.406 x .750 x .105) Stainless Steel	62	11
856774	WASHER (.406 x .750 x .105) Stainless Steel	62	16	856774	WASHER (.406 x .750 x .105) Stainless Steel	68	72
856836	RETAINER	8	10	856875A1	INSTALLATION TOOL Bearing	84	67
856954	BUSHING	8	6	856954	BUSHING	14	11
856954	BUSHING	16	11	856954	BUSHING	22	19
856954	BUSHING	32	41	856954	BUSHING	36	12
8569901	SWITCH Trim	6	19	857087T1	PUMP ASSEMBLY Oil	44	4
857093	O-RING	44	8	857093	O-RING Oil Pump	86	0
857094	O-RING	44	7	857094	O-RING Oil Pump	86	0
857096	O-RING	44	5	857096	O-RING Oil Pump	86	0
857139	SCREW (M8 x 35)	38	24	85716	PULLER BOLT TOOL Bearing Carrier	84	64
858266	GUIDE	42	2	858267	SEAL Oil	42	5
858268	SPRING Valve - Outer	30	4	858271	SEAL Valve Stem	30	3
858271	SEAL Valve Stem	86	0	858275	BRACKET	30	14
858413	BRACKET	10	32	858414A3	CABLE ASSEMBLY	14	18
858414A3	CABLE ASSEMBLY	16	18	858535	SENSOR ASSEMBLY Temperature	28	19
858535	SENSOR ASSEMBLY Temperature	38	21	858754	COVER Fuse	10	26
858869	NUT (.875-14)	58	23	859129	NUT (M12)	54	1
859185A2	ATTACHING KIT Remote Control	88	-	859284T2	FLYWHEEL COVER	12	1
859352	GASKET	38	27	859352A02	GASKET SET	28	-
859352A02	GASKET SET	30	-	859352A02	GASKET SET	34	-
859352A02	GASKET SET	40	-	859352A02	GASKET SET	42	-
859352A02	GASKET SET	44	-	859352A02	GASKET SET	46	-
859352A02	GASKET SET	48	-	859352A02	GASKET SET	86	-
859575	PIN Cam Thrust	30	17	859576	GASKET	30	16
859577	BRACKET	30	12	859578A1	PLUG ASSEMBLY Oil	42	21
859768	WASHER	42	4	875206	SCREW (M6 x 16)	44	9
875209	PIPE PLUG	42	6	875218	SCREW (M8 x 23)	30	18
877321A1	INSTALLATION TOOL Bearing	82	25	8775381	PROTECTIVE SLEEVE	26	4
877568T	CYLINDER HEAD	42	1	877568T8	CYLINDER HEAD ASSEMBLY	12	-
877568T8	CYLINDER HEAD ASSEMBLY	30	-	877568T8	CYLINDER HEAD ASSEMBLY	42	-
877568T8	CYLINDER HEAD ASSEMBLY	44	-	877680Q12	HOSE ASSEMBLY Fuel (12 Feet)	88	-
877680Q8	HOSE ASSEMBLY Fuel (8 Feet)	88	-	877680Q8	HOSE ASSEMBLY Fuel (8 Feet)	88	-
877681Q12	HOSE ASSEMBLY Fuel (12 Feet)	88	-	877681Q8	HOSE ASSEMBLY Fuel (8 Feet)	88	-
877683Q12	HOSE ASSEMBLY Fuel (12 Feet)	88	-	877802	PLATE	8	11
877805T	SOLENOID VALVE	28	6	877807A2	COIL ASSEMBLY Ignition	14	2
877811	LINE Fuel	26	5	877826	INJECTOR	28	8
877831A1	HOSE	28	12	877831T1	THROTTLE BODY	28	13
877834	BRACKET	28	4	877836T2	FLYWHEEL	12	4
877840A1	HOLDING TOOL Driveshaft	84	70	878132T04	HARNESS ASSEMBLY Engine Wiring	10	24
878132T04	HARNESS ASSEMBLY Engine Wiring	10	24	878132T05	HARNESS ASSEMBLY Engine	10	24
878132T05	HARNESS ASSEMBLY Engine	10	24	878132T3	HARNESS ASSEMBLY Engine Wiring	10	24
878132T3	HARNESS ASSEMBLY Engine Wiring	10	24	878139T	MANIFOLD Intake	28	1
878143T05	STATOR	12	12	878143T3	STATOR	12	12
878183	PIN Dowel	44	3	878607	SCREW (#10-16 x .375)	54	15
878608	SCREW (#10-16 x .500)	50	4	878609	SCREW (#10-16 x .600)	58	43
8798471	PLATE Coil Mounting	14	1	879865	CAM Throttle	20	9
879866	GASKET SET	28	2	879866	GASKET SET Intake Manifold	86	0
879867	GASKET	28	14	879884T	FILTER ASSEMBLY Fuel	22	15
879885T	FILTER Fuel	26	3	879886T	TFI SYSTEM	28	7
879984T00	COIL Ignition	16	2	880118A2	CARTRIDGE	78	10
880121	BRACKET	22	23	880154	LINE Fuel	26	2
88075020	SCREW (M3 x 20)	20	32	880754A2	BREATHER HOSE	28	23
880786	BOOT Insulator - Red	8	23	881059	SCREW	28	3
881059	SCREW	28	9	881059	SCREW	28	10
881059	SCREW	28	15	881060	SCREW	28	17
881062A1	LINK ASSEMBLY Throttle	20	21	881063T	ATTENUATOR Sound	28	21
881070T	SENSOR Position	28	16	8812901	PLATE	8	2
8812902	PLATE	8	2	881862T	PUMP Fuel	22	1
881862T	PUMP Fuel	22	1	881862T08	PUMP Fuel	22	1

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881862T08	PUMP Fuel	22	1	881863A1	CABLE ASSEMBLY	10	45
881872A1	BODY Oil Pressure Relief	48	16	881908T	CABLE SET	16	3
88238A13	CABLE ASSEMBLY Ground	54	12	88238A13	CABLE ASSEMBLY Ground	72	12
88238A18	CABLE ASSEMBLY	74	16	88238A4	CABLE ASSEMBLY	54	11
882751A1	RELAY ASSEMBLY	14	6	882751A1	RELAY ASSEMBLY	16	6
882751A1	RELAY ASSEMBLY	74	21	882753	BRACE	8	14
882820	SHIFT ROD	20	17	883005	BUSHING	20	10
883006A1	ARM ASSEMBLY Throttle	20	8	883064	SERVICE MANUAL	2	0
883071T1	REGULATOR Voltage	10	31	8831481	RESTRICTOR	28	24
883160	RETAINER	20	5	883202T02	PUMP KIT	32	23
883202T1	PUMP KIT	32	23	883203	GROMMET	32	25
883204T1	BODY KIT Fuel Cooler	32	30	883205	FITTING	32	6
883205	FITTING	32	32	883207	FITTING Elbow	32	35
883208	PLUG	32	33	883209	O-RING	32	4
883210A1	PASS THRU KIT Electrical	32	3	883211T1	BOWL KIT Fuel	32	26
883212001	SCREW Drain	32	28	883213	GASKET	32	27
883213	GASKET Vapor Separator Bowl	86	0	883214T1	COVER KIT	32	1
883215	TUBE Drain	32	10	883216	GASKET	32	17
883218	FITTING	32	7	883219	VALVE	32	8
883220	CAP	32	9	883220	CAP	36	23
883221A1	FLOAT KIT	32	18	883222A1	NEEDLE KIT Inlet	32	20
883223	SCREW (M6 x 16)	32	12	883224A1	SEAL KIT	32	16
883225	GASKET	32	37	883226	HARNESS ASSEMBLY	32	22
883227	SCREW	32	36	883257T1	REGULATOR	32	13
883307	GROMMET	6	17	883323	SPARK PLUG RA8HC	10	41
883460	CLIP	28	11	88348935	SCREW (M6 x 35)	38	10
88348935	SCREW (M6 x 35)	38	18	883517	SCREW	22	2
883517	SCREW	22	2	8835181	SPRING	22	4
8835181	SPRING	22	4	883518A03	SPRING	22	6
883518A03	SPRING	22	6	883518A2	SPRING	22	6
883518A2	SPRING	22	6	883519	NUT	22	5
883519	NUT	22	5	883520A1	DIAPHRAGM KIT	22	3
883520A1	DIAPHRAGM KIT	22	3	883524A02	DECAL SET	2	0
883524A05	DECAL SET	2	0	883530A02	DECAL SET	2	0
883530A05	DECAL SET	2	0	883531A02	DECAL SET	2	0
883531A03	DECAL SET	2	0	883532A02	DECAL SET	2	0
883532A03	DECAL SET	2	0	883545	HOSE (4.50 Inches Bulk) (Cut to 1-5/8 IN.)	32	38
883545	HOSE (4.50 Inches Bulk) (Cut to 4-1/2 IN.)	32	39	8835451	HOSE	32	40
883546	BAFFLE Fuel	32	21	883593A1	O-RING KIT	32	14
883597	O-RING KIT Injector	28	-	883598	O-RING KIT Injector	28	-
883832	RETAINER	28	28	883834A1	CABLE ASSEMBLY Diode	8	13
883877A1	REMOVAL TOOL Fuel Injector	78	12	883927A02	DECAL EPA Label Information	2	0
883927A02	DECAL EPA Label Information	12	3	883927A03	DECAL EPA Label Information	2	0
883927A03	DECAL EPA Label Information	12	3	883927A04	DECAL EPA Label Information	2	0
883927A04	DECAL EPA Label Information	12	3	883927A05	DECAL EPA Label Information	2	0
883927A05	DECAL EPA Label Information	12	3	88394302	PARTS MANUAL 30/40 EFI 4-Stroke (3 Cylinder)	2	0
884045T	STARTER MOTOR ASSEMBLY	10	36	884045T	STARTER MOTOR ASSEMBLY	18	1
884387	DECAL Bodensee	2	0	88439A4	CABLE ASSEMBLY Battery - Negative	10	38
88439A9	CABLE ASSEMBLY Battery - Positive	8	22	88452106S	ECM Engine Control Module	8	5
88452114S	ECM Engine Control Module	8	5	88452115S	ECM Engine Control Module	8	5
885342001	SENSOR ASSEMBLY	28	19	885342001	SENSOR ASSEMBLY	38	21
887774	SEAL Water Tube	64	14	888160T	STARTER MOTOR ASSEMBLY	10	36
888160T	STARTER MOTOR ASSEMBLY	18	1	888591	TUBE Water	62	13
888814	O-RING (.351 x .072)	28	20	888814	O-RING (.351 x .072)	38	22
888988023	CLAMP	36	6	888988023	CLAMP	36	29
889425	CLAMP	32	31	889567	PLUG (.500-14)	48	10
88960845	SCREW (M8 x 45)	62	5	889775	SPRING Overload	30	19
890451	ADAPTER TOOL Direct Voltage	78	7	891752	DRIVE KIT	18	3
891753001	ARMATURE	18	4	891754T	PINION	18	5
89195206S	ECM Engine Control Module	8	5	89195214S	ECM Engine Control Module	8	5
89195215S	ECM Engine Control Module	8	5	89195215S	ECM Engine Control Module	8	5

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89195220S	ECM Engine Control Module	8	5	89195221T	ECM Engine Control Module	8	5
89195229T	ECM Engine Control Module	8	5	89195230T	ECM Engine Control Module	8	5
892123001	INJECTOR	28	8	892267503	HOSE	36	10
892267504	HOSE	36	9	892267506	SCREW Drain	36	2
892267510	ISOLATOR	36	15	892267511	WASHER	36	8
892267512	SCREEN	36	27	892267513	O-RING	36	26
892267515	SCREW (M5 x 18)	36	28	892267516	HOSE	36	35
892267517	CLIP	36	34	892267519	COVER	36	18
892267520	PLATE	36	30	892267521	INSULATOR	36	14
892267523	INSULATOR	36	16	892267527	FLOAT	36	32
892267528	PIN Float	36	33	892267529	SCREW (M4 x 8)	36	31
892267530	O-RING	36	3	892267531	SCREW (M4 x 16)	36	21
892267534	STRAINER Fuel	36	17	892267535	CONNECTOR Electrical	36	20
892267537	VALVE Schrader	36	22	892267A50	REGULATOR KIT Pressure	36	25
892267A51	PUMP KIT Fuel (Also includes cover to body o ring 25-892267530)	36	13	892267A52	FLOAT VALVE KIT	36	24
892267A54	BODY ASSEMBLY	36	1	892267A55	COOLER ASSEMBLY Fuel	36	5
892267T01	VAPOR SEPARATOR ASSEMBLY Complete	36	-	892267T57	COVER ASSEMBLY	36	19
892319001	GASKET	38	27	892319001	GASKET Cylinder Block	86	0
892320001	GASKET	48	22	892320001	GASKET Adaptor Plate	86	0
892647A01	MULTI-METER KIT DMT	78	8	892858T	PLATE Coil Mounting	16	1
892863001	SPACER	16	4	892863002	SPACER	16	16
892874T01	PUMP ASSEMBLY Fuel	22	1	892874T01	PUMP ASSEMBLY Fuel	22	1
892995	LOCK Throttle	50	15	89531	RING Retaining	54	6
897777002	SLEEVE (1.50 Inches)	38	28	899697A01	DIAGRAM SET Colored	88	-
8M0027721	WASHER	64	15	8M0027721	WASHER	64	17
8M0032728	DECAL Lanyard, Black	50	-	8M0149607	FUEL FILTER KIT	22	16
90196	O-RING (.921 x .139)	42	22	90196	O-RING (.921 x .139) Oil Plug	86	0
906434	DRIVE KIT	18	3	91800	KEY Woodruff	46	3
92753	RETAINER	8	9	932481	BUSHING	20	12
93388A16	CABLE ASSEMBLY (8.50 Inches)	8	20	94330	NUT (.250-20) Brass	10	37
95084A2	CABLE ASSEMBLY	76	5	95643M	BRACKET	8	18
95925	PLUG	68	73	960099	SLEEVE (12.00 Inches)	50	7
96203	SPRING	50	16	9643	SCREW	32	11
965661	THRU BOLT	18	2	98727	FITTING Grease	58	2
98889	LATCH	20	14	99328A1	BEARING ASSEMBLY Roller	68	48
99379	TIMING LIGHT	78	6	99589	GRIP	50	21
99604	PIN Groove	58	3	99611	WAVE WASHER	58	31
99615	PIN Groove	58	10	99622	SPRING	58	6
996642	FITTING Elbow 90 Degree (.125-27 x .250) Nylon	38	19	F10064	SHAFT	32	19
F15158	SCREW	18	10	FT2997	COMPRESSOR TOOL Piston Ring	78	19
NSS	NOT SOLD SEPARATE Induction Insert	4	2	NSS	NOT SOLD SEPARATE Sound Blanket-Top	4	9
NSS	NOT SOLD SEPARATE Decal-Warning Spinning Flywheel	12	6	NSS	NOT SOLD SEPARATE Decal-Timing Marks	12	7
NSS	NOT SOLD SEPARATE Decal-Warning-Neutral	12	8	NSS	NOT SOLD SEPARATE Cap	22	7
NSS	NOT SOLD SEPARATE Plug	30	11	NSS	NOT SOLD SEPARATE Retainer	32	5
NSS	NOT SOLD SEPARATE O Ring	32	15	NSS	NOT SOLD SEPARATE Decal-Servicing Referral	42	12
NSS	NOT SOLD SEPARATE Decal-Engine Oil/Valve Clearance	42	13	NSS	NOT SOLD SEPARATE Decal-HP-ID	42	23
NSS	NOT SOLD SEPARATE Decal-HP-ID	42	23	NSS	NOT SOLD SEPARATE O Ring	44	6
NSS	NOT SOLD SEPARATE Piston Ring (2nd.)	46	11	NSS	NOT SOLD SEPARATE Piston Ring (2nd.)	46	11
NSS	NOT SOLD SEPARATE Piston Ring (2nd.)	46	11	NSS	NOT SOLD SEPARATE Case	50	3
NSS	NOT SOLD SEPARATE Decal-Shift F-N-R	50	35	NSS	NOT SOLD SEPARATE Disc	54	22
NSS	NOT SOLD SEPARATE Decal-Serial Overlamine	56	12	NSS	NOT SOLD SEPARATE Exhaust Pipe	62	3
NSS	NOT SOLD SEPARATE Plate	64	3	NSS	NOT SOLD SEPARATE Cup	64	11
NSS	NOT SOLD SEPARATE Cup	68	49	NSS	NOT SOLD SEPARATE Decal 2:1	68	67
NSS	NOT SOLD SEPARATE O Ring	72	4	NSS	NOT SOLD SEPARATE O Ring	74	4
NSS	NOT SOLD SEPARATE Decal-Trim Relay	74	25	NSS	NOT SOLD SEPARATE Switch	76	3
NSS	NOT SOLD SEPARATE Lock ring Pliers (P/N-SRP2)	78	13	NSS	NOT SOLD SEPARATE Valve Seat Cutter Kit	78	18
NSS	NOT SOLD SEPARATE Expanding Rod (P/N-CG-41-11)	82	27	NSS	NOT SOLD SEPARATE Collet (P/N-CG-41-14)	82	28