

Parts Manual

Cat.# 90-889453007

Revised 09-18-2020

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Service/Support Material

Cat.# 90-889453007

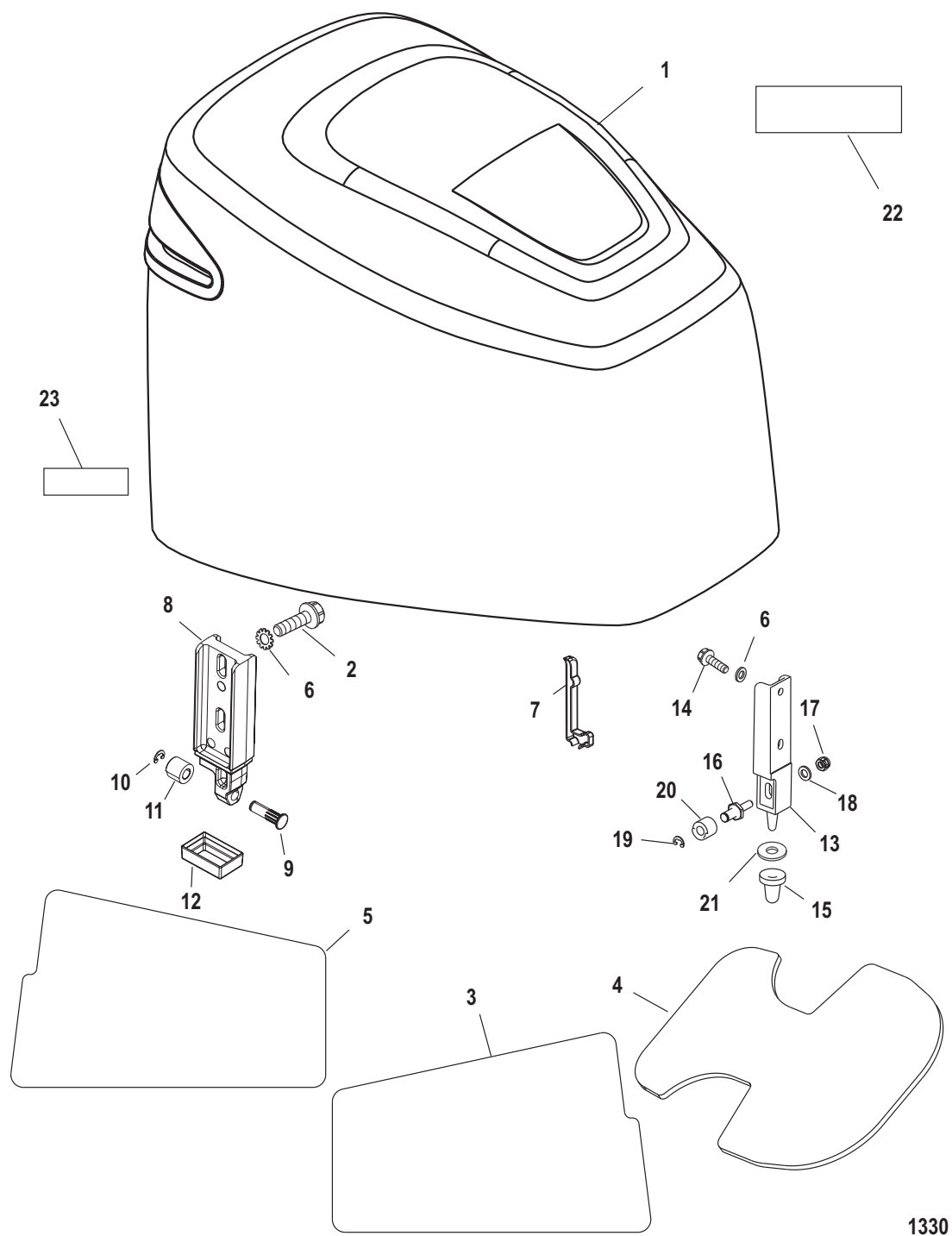
Service/Support Material

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0090	889453007	PARTS MANUAL 200/225 DFI (3.0L)(DTS)		1	
-	0090	859769R03	SERVICE MANUAL		1	
-	0090	10233070	OWNERS MANUAL 225 DTS, English		1	
-	0090	10234060	INSTALLATION MANUAL		1	
-	0037	804658A06	DECAL EPA Label Information		1	[1]

PART NOTES:

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

Top Cowl

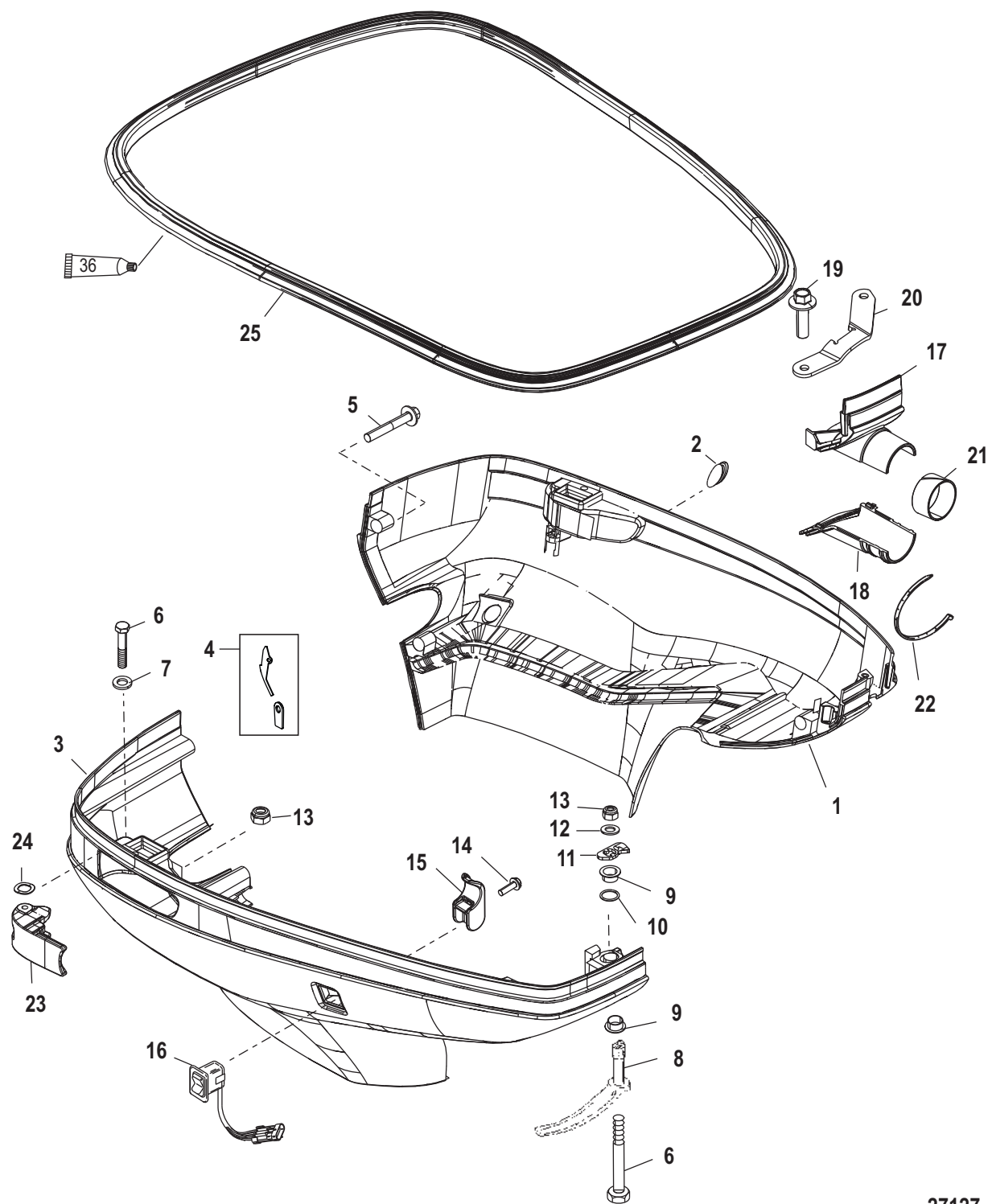


Top Cowl

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0100	881288T03	TOP COWL ASSEMBLY Black - Includes All Decals Except Horsepower	[1B446999] & Below	1	
1	0100	881288T62	TOP COWL ASSEMBLY (Black)	[1B447000] & Up	1	
1	0100	881288T04	TOP COWL ASSEMBLY Silver	[1B446999] & Below	1	
1	0100	881288T65	TOP COWL ASSEMBLY (Silver)	[1B447000] & Up	1	
1	0100	8M0075369	TOP COWL ASSEMBLY Mercury, Without decals		1	
1		8M0075371	TOP COWL ASSEMBLY Mariner, Without decals		1	
1	0100	8M0075372	TOP COWL ASSEMBLY Mercury, Without decals	ProXS	1	
2	0010	82130030	SCREW (M6 x 30)		4	
3	0000	884041A1	SOUND BLANKET KIT		1	
4		NSS	NOT SOLD SEPARATE Sound Blanket-Top		1	
5		NSS	NOT SOLD SEPARATE Sound Blanket-Port		1	
6	0013	93702	WASHER (.250 External Star)		6	
7	0000	826639T	COVER		1	
8	0000	850682T4	HOOK ASSEMBLY Rear Latch	[1B446999] & Below	2	
8	0000	8M0010389	BRACKET ASSEMBLY Cowl		2	
9		NSS	NOT SOLD SEPARATE Pin		2	
10	0053	8237951	RING Retaining		2	
11	0000	815263	ROLLER		2	
12	0000	850685002	GROMMET		1	
13	0000	821249M2	BRACKET Front		1	
14	0010	82130020	SCREW (M6 x 20)		2	
15	0000	815477	BUMPER Latch		1	
16	0000	8155381	PIN Roll		1	
17	0011	401366	NUT (M6) Stainless Steel		1	
18	0012	29245	WASHER (.281 x .500 x .060) Stainless Steel		1	
19	0053	8237951	RING Retaining		1	
20	0000	815263	ROLLER		1	
21	0012	87161	WASHER		1	
22		NSS	NOT SOLD SEPARATE Decal-Break-In		1	
23		NSS	NOT SOLD SEPARATE Decal-Counter Rotation		1	
-	0037	855412A07	DECAL SET Mercury 200		1	
-	0037	892564005	DECAL Horsepower 200		1	
-	0037	855408A07	DECAL SET Mercury 225		1	
-	0037	892564006	DECAL Horsepower 225		1	

Top Cowl

Bottom Cowl

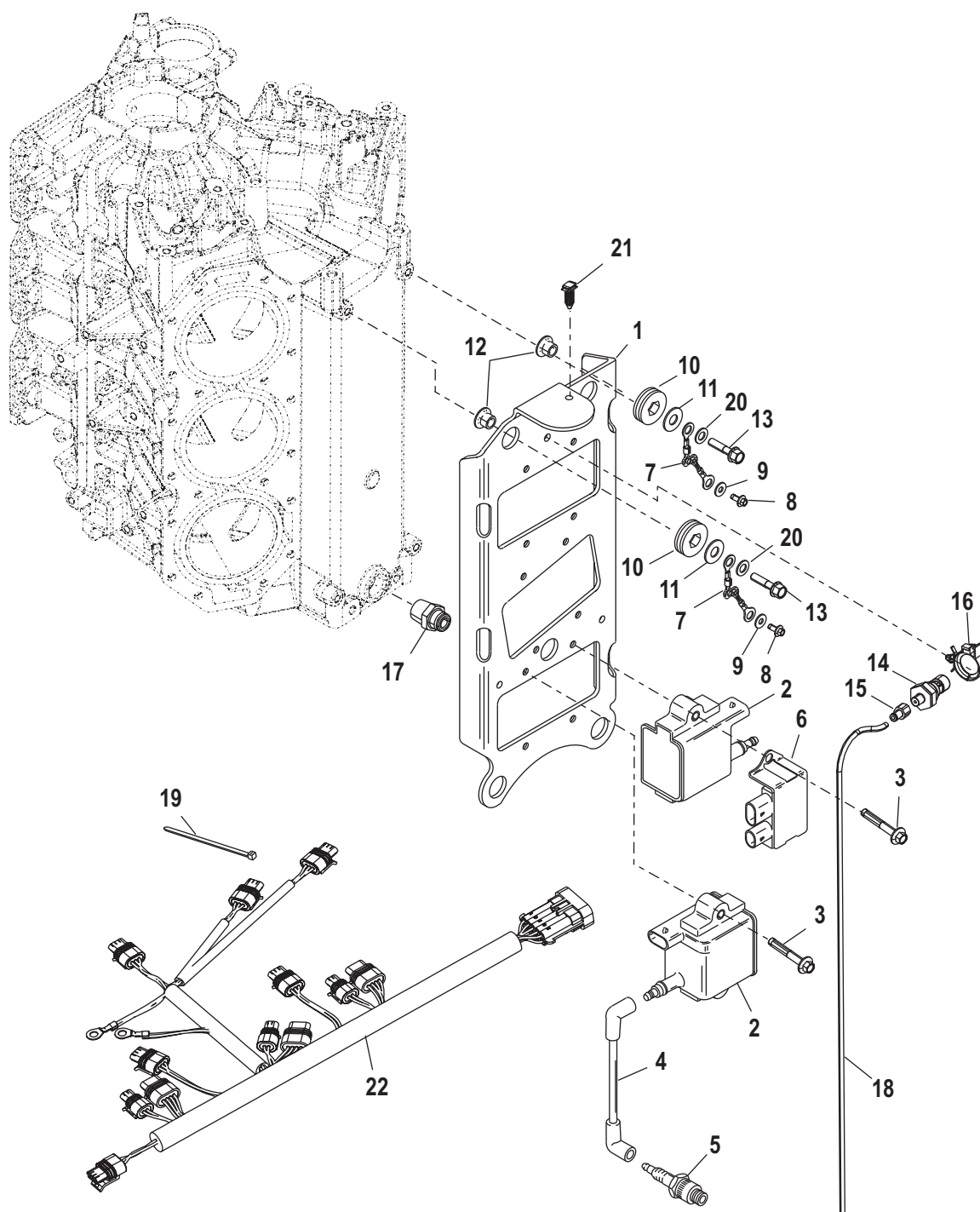


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Bottom Cowl

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0113	850302A07	BOTTOM COWL Port		1	
2	0000	854367001	PLUG		1	
3	0113	850301A07	BOTTOM COWL Starboard		1	
4	0027	889246A97	GASKET KIT		1	
5	0010	82130040	SCREW (M6 x 40)		4	
6	0010	824868	SCREW (M6 x 75)		3	
7	0012	29245	WASHER (.281 x .500 x .060) Stainless Steel		2	
8	0000	850684F1	FRONT HANDLE		1	
9	0023	335891	BUSHING		2	
10	0025	48462	O-RING (.614 x .070)		1	
11	0000	8219423	PAWL		1	
12	0012	69057	WASHER (.281 x .734 x .063)		1	
13	0011	401366	NUT (M6) Stainless Steel		3	
14	0010	8214281	SCREW (#10-16 x .625)		1	
15	0054	822873	CLIP		1	
16	0087	896620001	SWITCH Trim		1	
17	0054	859359A2	RIGGING KIT (Upper)		1	
18		NSS	NOT SOLD SEPARATE Clamp- Lower		1	
19	0010	82130012	SCREW (M6 x 12)		2	
20		NSS	NOT SOLD SEPARATE Strap		1	
21	0000	859343	FOAM		1	
22	0054	850181	TIE STRAP (11.750 Inches)		2	
23	0000	852361T1	HANDLE Cowl	[1B446999] & Below	2	
23	0000	852361T02	HANDLE	[1B447000] & Up	2	
24	0013	29402	WAVE WASHER	[1B446999] & Below	2	
25	0000	8M0011984	SEAL		1	

Coil Plate

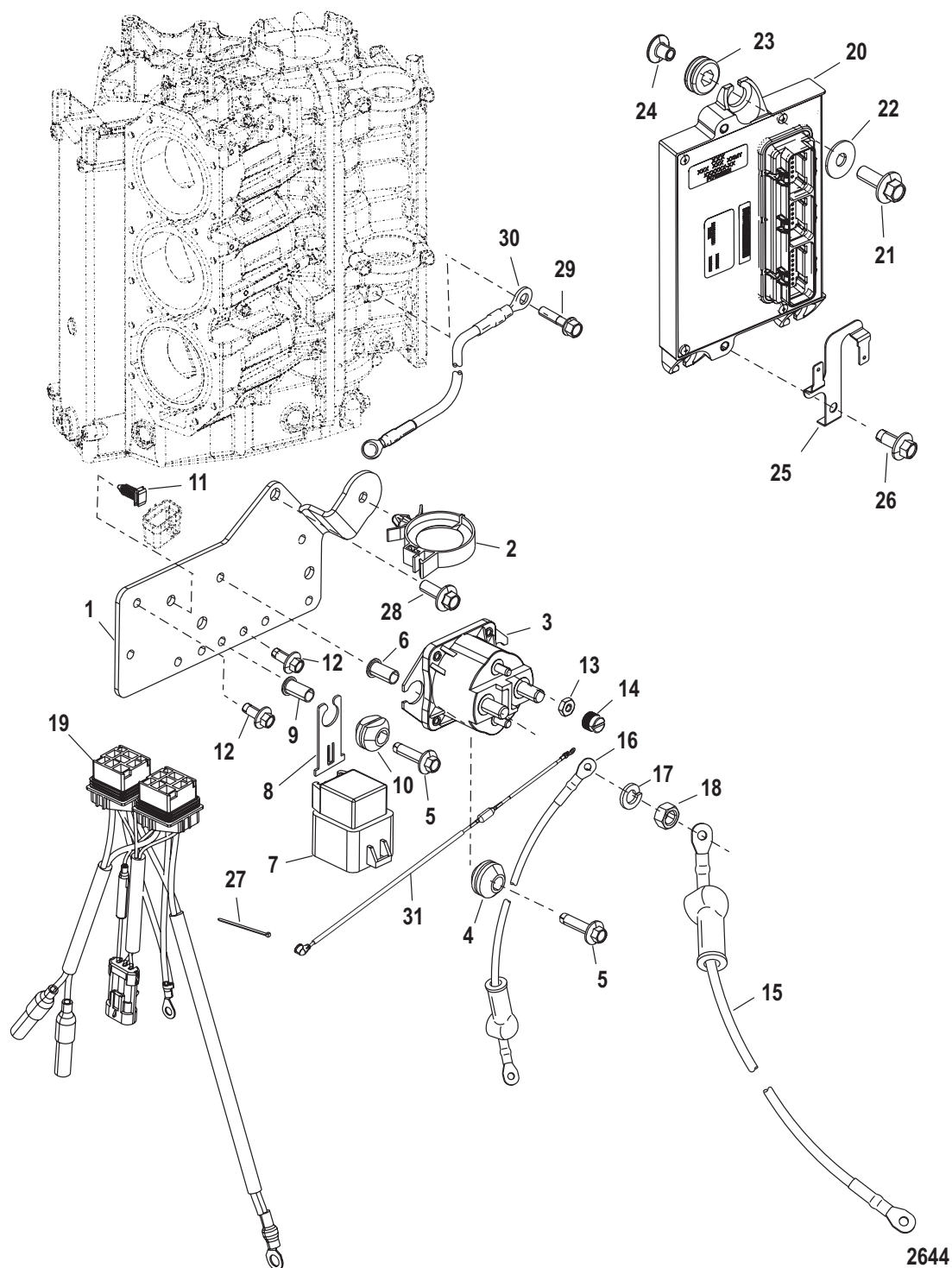


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Coil Plate

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	850295T4	PLATE		1	
2	0339	856991A1	COIL KIT		6	
3	0010	82129130	SCREW (M6 x 30)		12	
4	0084	881908T	CABLE SET		1	
5	0033	889597001	SPARK PLUG		6	
6	0000	859595T	DRIVER Dual Coil		3	
7	0084	858414A1	CABLE ASSEMBLY Braided		2	
8	0010	82129110	SCREW (M6 x 10)		2	
9	0012	29245	WASHER (.281 x .500 x .060) Stainless Steel		2	
10	0025	833155	GROMMET		4	
11	0012	4002318	WASHER		4	
12	0023	8502341	BUSHING		4	
13	0010	81893435	SCREW (M8 x 35)		4	
14	0000	881879A7	SENSOR KIT (0-50 PSI)		1	
15	0022	892403	FITTING		1	
16	0054	883066	CLIP (.865)		1	
17	0022	881866	FITTING		1	
18	0032	85978571	TUBING (52.00 Inches Bulk) (Cut to 18 Inches)		1	
19	0054	859671	TIE STRAP (8.00 Inches)		1	
20	0012	36001	WASHER		2	
21	0054	828991T	CLIP		1	
22	0084	892972T01	HARNESS ASSEMBLY Coil		1	

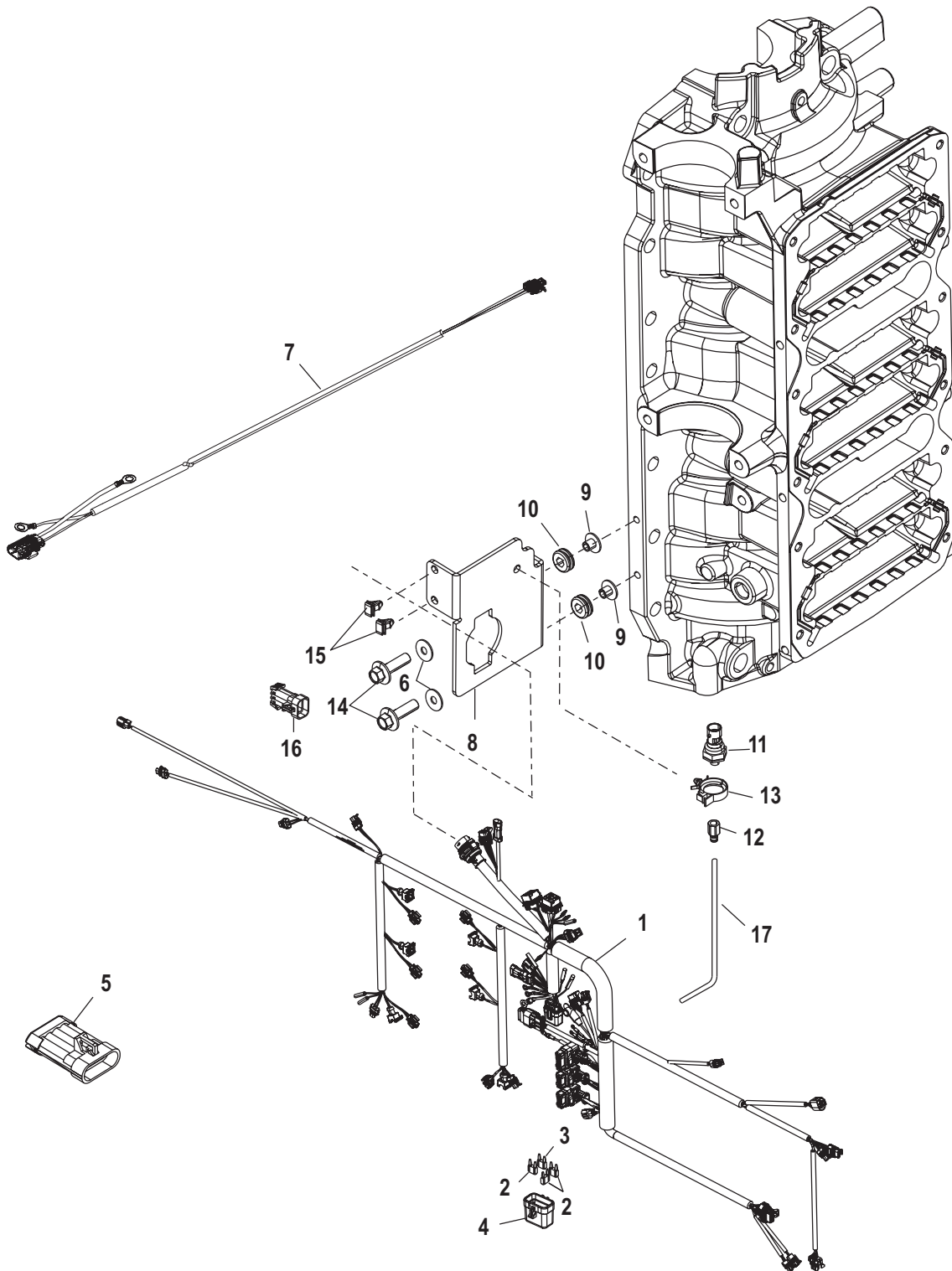
Solenoid Plate



Solenoid Plate

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	858366T2	PLATE		1	
2	0054	858755	CLIP (1.00)		1	
3	0089	817109A2	SOLENOID ASSEMBLY (#10-32 / .3125-18 Terminals)		1	
4	0025	822179	GROMMET		2	
5	0010	82129125	SCREW (M6 x 25 MM)		5	
6	0023	818968	BUSHING		2	
7	0000	882751A1	RELAY ASSEMBLY		3	
8	0000	828102	BRACKET		3	
9	0023	818968	BUSHING		3	
10	0025	818967	GROMMET		3	
11	0054	828991T	CLIP		1	
12	0010	82129110	SCREW (M6 x 10)		2	
13	0011	45076	NUT (#10-32) Brass		2	
14	0011	813938	CAP NUT (#10-32)		2	
15	0084	88439A46	CABLE ASSEMBLY Battery - Positive		1	
16	0084	882829A1	CABLE ASSEMBLY Starter		1	
17	0013	53166	LOCKWASHER (.312)		2	
18	0011	68292	NUT (.312-18)		2	
19	0084	819514A22	HARNESS ASSEMBLY Trim		1	
20	0000	89790701T	PCM Propulsion Control Module	(200)	1	
20	0000	89790702T	PCM Propulsion Control Module	(225)	1	
21	0010	82130025	SCREW (M6 x 25)		3	
22	0012	65567	WASHER (.265 x .750 x .048) Stainless Steel		3	
23	0025	834985	GROMMET		3	
24	0023	856954	BUSHING		3	
25	0054	891520001	CLIP		1	
26	0010	82129114	SCREW (M6 x 14)		1	
27	0054	816311T	TIE STRAP (8.00 Inches)		AR	
28	0010	82130012	SCREW (M6 x 12)		3	
29	0010	81893420	SCREW (M8 x 20)		1	
30	0084	88439A26	CABLE ASSEMBLY Battery - Negative		1	
31	0084	878231A6	HARNESS ASSEMBLY Fuse - 100 Ampere		1	

Engine Harness

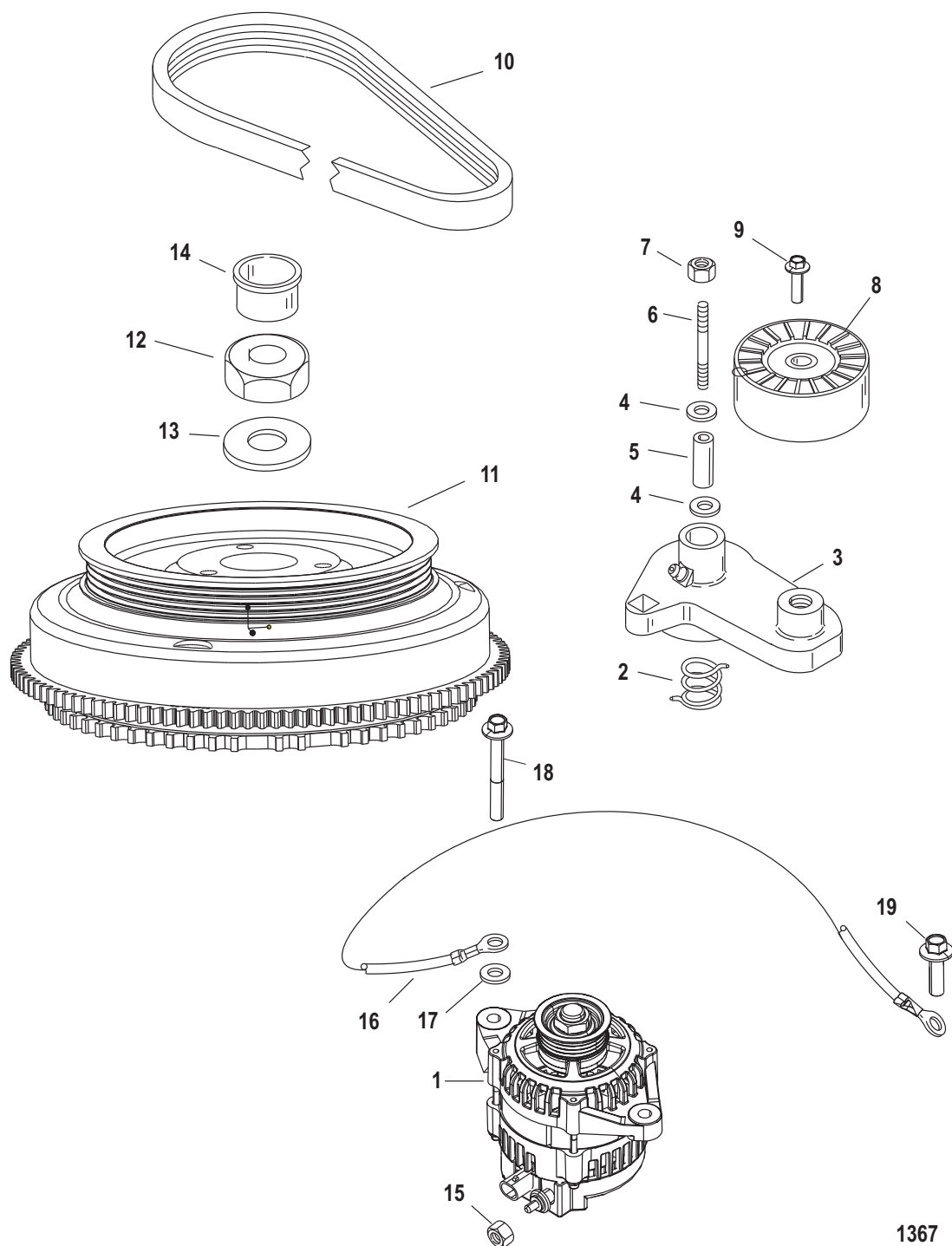


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Engine Harness

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0084	892974T03	HARNESS ASSEMBLY Engine		1	
2	0088	83296920	FUSE Mini - Yellow - 20 Ampere		3	
3	0088	8329692	FUSE Mini - Gray - 2 Ampere		1	
4	0000	858754	COVER Fuse		1	
-	0084	858781A2	HARNESS ASSEMBLY (Direct Injector)		1	
-	0084	858780A2	HARNESS ASSEMBLY (Fuel Injector)		1	
-	0084	881262A2	HARNESS ASSEMBLY Alternator (Alternator)		1	
5	0000	830796A04	CONNECTOR ASSEMBLY Weather Cap - 4 Position Male		1	
6	0012	65567	WASHER (.265 x .750 x .048) Stainless Steel		2	
7	0084	888416T03	HARNESS ASSEMBLY		1	
8	0000	892295F01	BRACKET		1	
9	0023	822003	BUSHING		2	
10	0025	834985	GROMMET		2	
11	0000	881879011	SENSOR Pressure (0 - 100 PSI)		1	
12	0022	892403	FITTING		1	
13	0054	883066	CLIP (.865)		1	
14	0010	82130025	SCREW (M6 x 25)		2	
15	0054	879962	CLIP		2	
16	0000	877613A02	CONNECTOR ASSEMBLY Weather Cap 6 Pin		1	
17	0032	85944975	TUBING (72.00 Inches Bulk) (Cut to 52 Inches)		1	

Flywheel/Alternator



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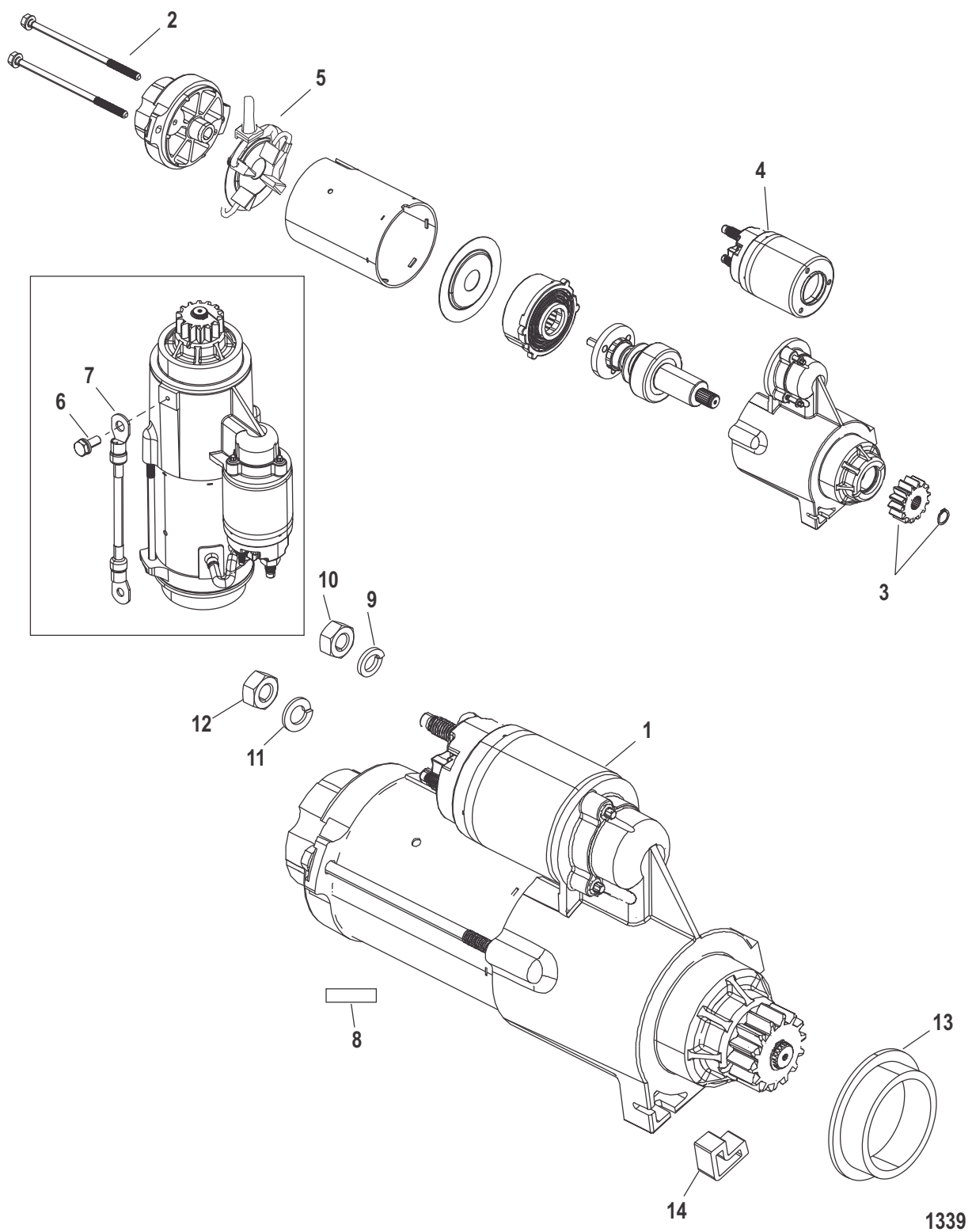
Flywheel/Alternator

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	881247A1	ALTERNATOR		1	[1]
2	0024	8523742	SPRING		1	
3	0000	856815T2	ARM TENSIONER ASSEMBLY		1	
4	0012	4002320	WASHER		2	
5	0023	8568941	BUSHING		1	
6	0016	8M0034457	STUD (M10 x 85)		1	
7	0011	826292	NUT (M10) Brass/Nickel Plated		1	
8	0000	852385A2	PULLEY ASSEMBLY		1	
9	0010	4010835	SCREW (M10 x 35) Hex Flange - Stainless Steel		1	
10	0057	828507Q5	BELT		1	
11	0283	859619T1	FLYWHEEL		1	
12	0011	42979	NUT (M16)		1	
13	0012	68229	WASHER (.641 x 1.250 x .190)		1	
14	0019	45907	PLUG Yellow		1	
15	0011	401386	NUT (M6) Stainless Steel		1	
16	0084	856583A5	CABLE ASSEMBLY		1	
17	0012	4002319	WASHER		1	
18	0010	82130150	SCREW (M10 x 50)		2	
19	0010	82130012	SCREW (M6 x 12)		1	

PART NOTES:

- [1] - Alternate part numbers:
- 881247A 1QS
- 881247R01Reman

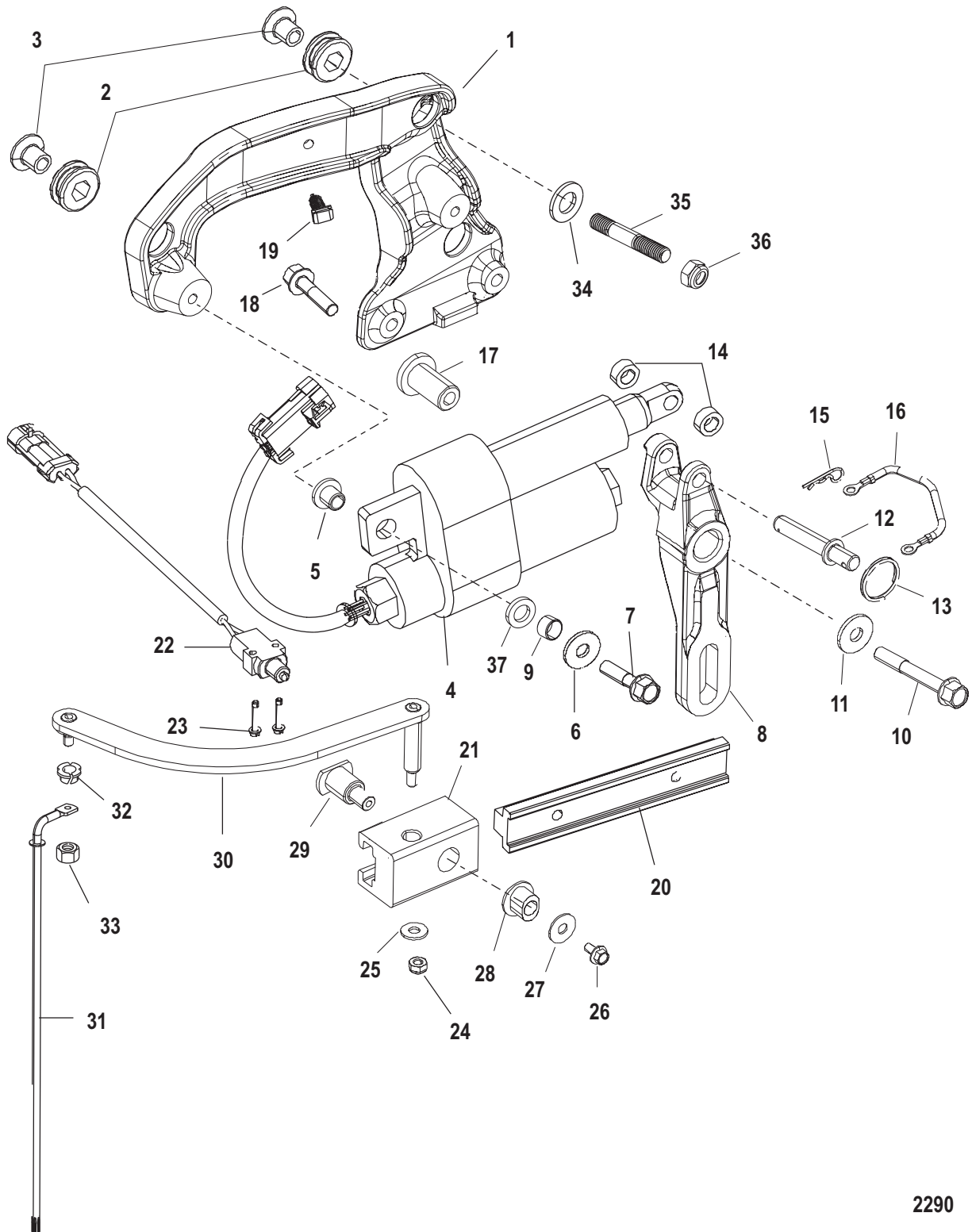
Starter Motor



Starter Motor

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

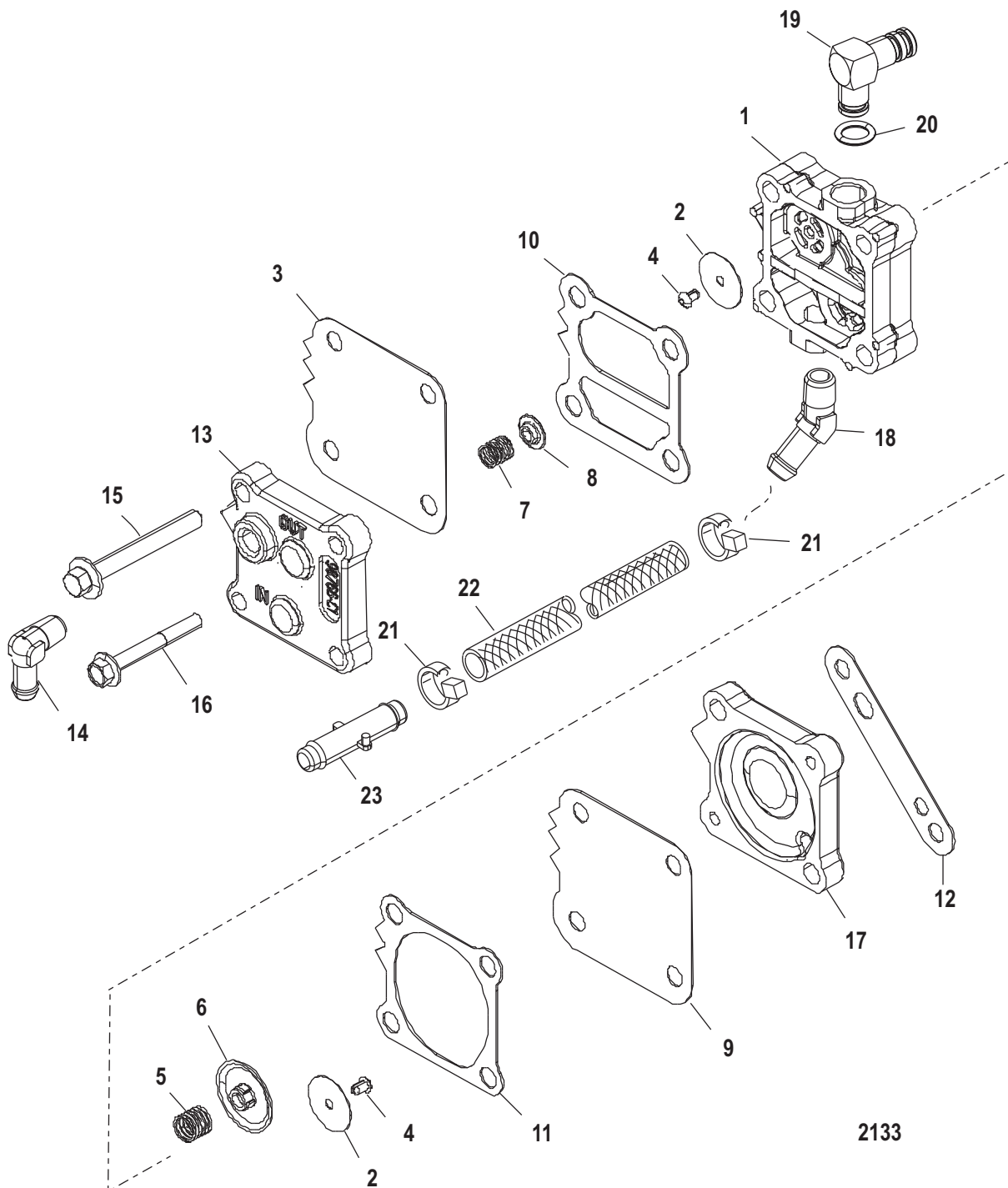
Shift Components



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Shift Components

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	884526T	PLATE Actuator		1	
2	0025	855362001	GROMMET		3	
3	0023	855364	BUSHING		3	
4	0000	8M0048114	SHIFT ACTUATOR		1	
5	0023	884532001	BUSHING		1	
6	0012	898097	WASHER		1	
7	0010	81893435	SCREW (M8 x 35)		1	
8	0000	884530	BELL CRANK		1	
9	0023	888589	WEAR SLEEVE		1	
10	0010	81893460	SCREW (M8 x 60)		1	
11	0012	898097	WASHER		1	
12	0017	841098	PIN		1	
13	0000	885569	SPLIT RING		1	
14	0000	884599	SPACER		2	
15		NSS	NOT SOLD SEPARATE Cotter Pin (See Outboard Parts Bulletin 2003-10)		1	
16	0084	88807A6	CABLE ASSEMBLY (3.50 Inches) Black		1	
17	0023	884554	BUSHING		1	
18	0010	82155025	SCREW (M8 x 25 MM) Stainless Steel		2	
19	0054	828991T	CLIP		1	
20	0000	884528	SHIFT RAIL		1	
21	0000	884527	SHIFT SLIDER		1	
22	0087	889514A01	SWITCH		1	
23	0010	82470620	SCREW (M3.5 x 20)		2	
24	0011	401386	NUT (M6) Stainless Steel		1	
25	0012	35459	WASHER		1	
26	0010	82104510	SCREW (M5 x 10)		1	
27	0012	65567	WASHER (.265 x .750 x .048) Stainless Steel		1	
28	0000	887901	BUSHING		1	
29	0023	884555	BUSHING		1	
30	0000	884529	SHIFT LINK		1	
31	0000	896845001	SHIFT SHAFT (Long)		1	
31	0000	896845002	SHIFT SHAFT (X-Long)		1	
31	0000	896845003	SHIFT SHAFT (XX-Long)		1	
32	0023	42994	BUSHING		1	
33	0011	401386	NUT (M6) Stainless Steel		1	
34	0012	4002318	WASHER		3	
35	0016	884824	STUD (M8 x 50)		3	
36	0011	401388	NUT (M8) Stainless Steel		3	
37	0012	889661	WASHER Rubber		1	



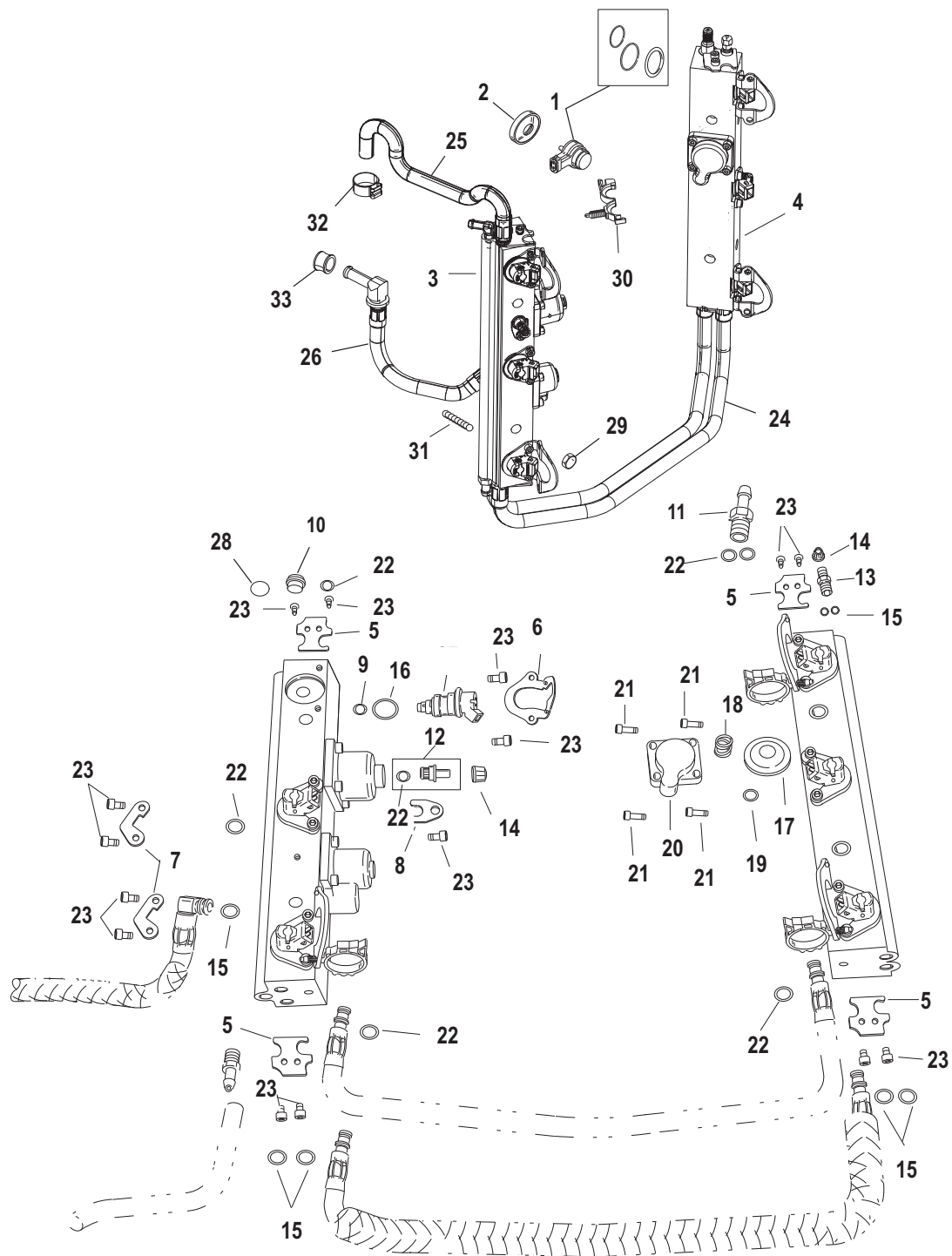
Fuel Pump

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	14360T74	PUMP ASSEMBLY Fuel		1	
1		NSS	NOT SOLD SEPARATE Fuel Pump		1	
2	0021	857005A1	DIAPHRAGM KIT		2	[1]
3		NSS	NOT SOLD SEPARATE Diaphragm		1	[1]
4		NSS	NOT SOLD SEPARATE Retainer		2	[1]
5		NSS	NOT SOLD SEPARATE Spring		1	[1]
6		NSS	NOT SOLD SEPARATE Cap		1	[1]
7		NSS	NOT SOLD SEPARATE Spring		1	[1]
8		NSS	NOT SOLD SEPARATE Cap		1	[1]
9		NSS	NOT SOLD SEPARATE Diaphragm		1	[1]
10		NSS	NOT SOLD SEPARATE Gasket-Boost		1	[1]
11		NSS	NOT SOLD SEPARATE Gasket-Pulse		1	[1]
12	0027	987691	GASKET		1	[2]
13	0000	987752	PLATE		1	
14	0022	996642	FITTING Elbow 90 Degree (.125-27 x .250) Nylon		1	
15	0010	82104540	SCREW (M5 x 40) Fuel Pump		2	
16	0010	82130050	SCREW (M6 x 50) Pump to Crankcase		2	
17	0000	144303	BASE		1	
18	0022	782792	FITTING Elbow 45 Degree (1.25)		1	
19	0022	888493	ELBOW		1	
20	0025	805063	O-RING (.301 x .070)		1	
21	0054	816311T	TIE STRAP (8.00 Inches)		2	
22	0032	856822A2	HOSE AND SLEEVE ASSEMBLY (18.00 Inches)		1	
23	0022	822769	CONNECTOR		1	
-	0027	832934A00	GASKET SET Powerhead		1	
-	0000	877869A07	POWERHEAD ASSEMBLY		1	[3]

PART NOTES:

- [1] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 832934A00
- [2] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 832934A00
COMPONENT OF POWERHEAD/PARTIAL ENGINE 877869A07
- [3] - Alternate part numbers:
877869A07QS
877869R04Reman

Fuel Rails



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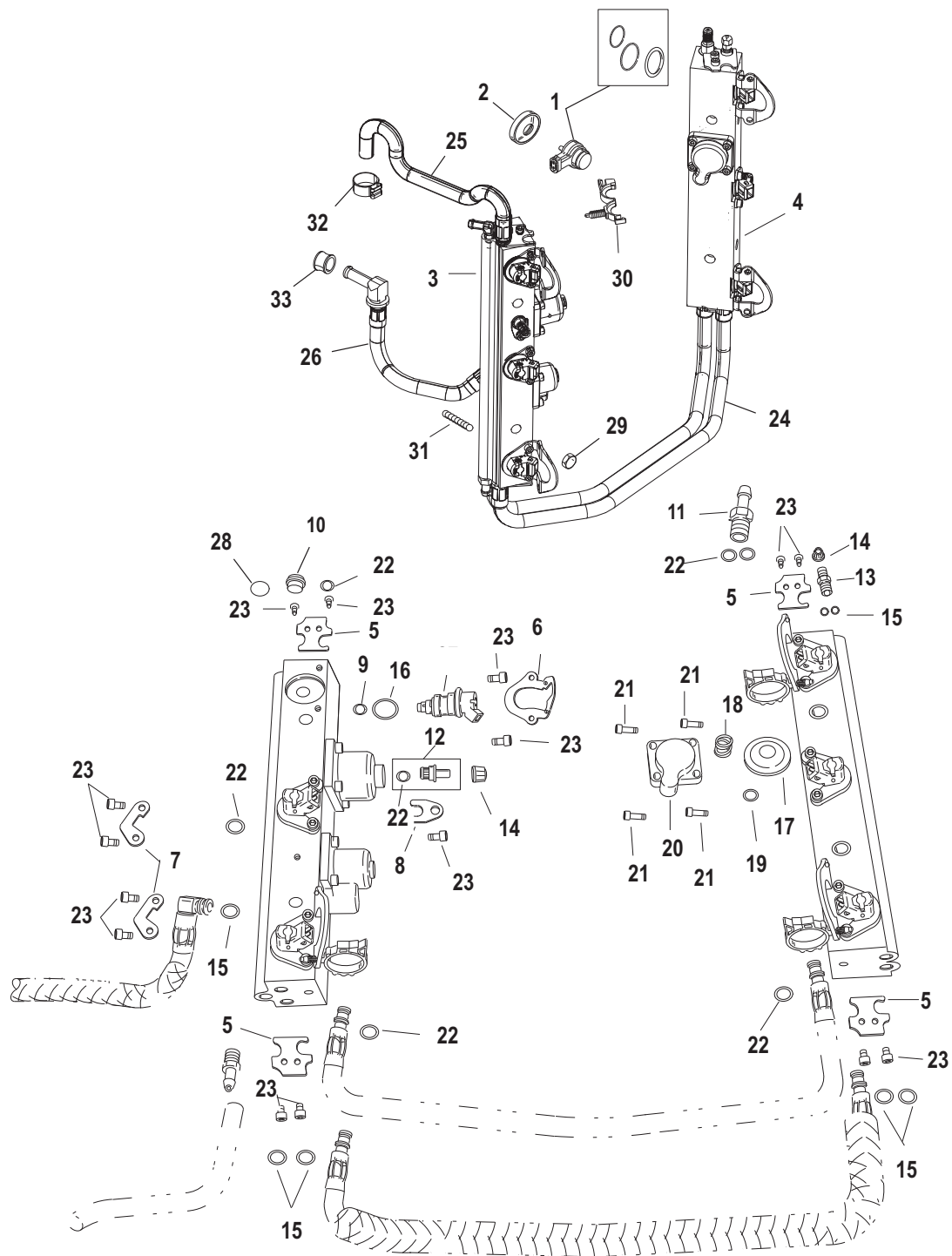
Fuel Rails

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	883078A05	INJECTOR KIT Air		6	
-	0026	804875	SEAL KIT		1	
2	0012	828694A1	WASHER ASSEMBLY Cupped		6	[1]
-	0000	895747T02	FUEL RAIL ASSEMBLY Complete		1	
3		NSS	NOT SOLD SEPARATE Fuel Rail-Port		1	
4		NSS	NOT SOLD SEPARATE Fuel Rail-Starboard		1	
5	0054	804830	CLAMP		4	
6	0054	8048311	CLAMP		4	
7	0054	804832	CLAMP		2	
8	0054	880816	CLAMP		1	
9	0025	804529	O-RING KIT Contains 6 pcs		1	
10	0019	804835	PLUG		1	
11	0022	804836	FITTING		1	
12	0000	804837	VALVE ASSEMBLY (.5 Inch Diameter)		1	
13	0000	883542	VALVE ASSEMBLY (.375 Inch Diameter)		1	
14	0022	805515	CAP Shrader Valve - Brass		2	
15	0025	804840	O-RING KIT		1	
16	0025	804530	O-RING KIT Contains 6 pcs		1	
17	0000	804533	DIAPHRAGM ASSEMBLY		1	
18	0024	804534	SPRING		1	
19	0025	804536	O-RING		1	
20	0000	804535	COVER		1	
21	0000	804526	SCREW PACKAGE (M5 x 16) (2 Per)		4	
22	0000	804532	O-RING KIT (16 per kit)		1	
23	0010	804525001	SCREW PACKAGE (2 Per)(M5 x 10)		15	
24	0032	804827	HOSE Fuel Balance		1	
25	0032	889310	HOSE Fuel Supply To Vapor Separator		1	
26	0032	889311	HOSE Fuel By Pass		1	
27	0000	804528	INJECTOR Fuel		6	
28	0000	804532	O-RING KIT		1	
29	0011	826292	NUT (M10) Brass/Nickel Plated		4	
30	0054	859376	CLIP Conduit		4	
31	0016	858778	STUD (M10 x 91)		4	
32	0054	856880	CLAMP Hose (15.3)		1	
33	0026	888852	SEAL Fuel Director		1	
-	0000	877869A07	POWERHEAD ASSEMBLY		1	[2]

PART NOTES:

[1] - COMPONENT OF POWERHEAD/PARTIAL ENGINE 877869A07

Fuel Rails

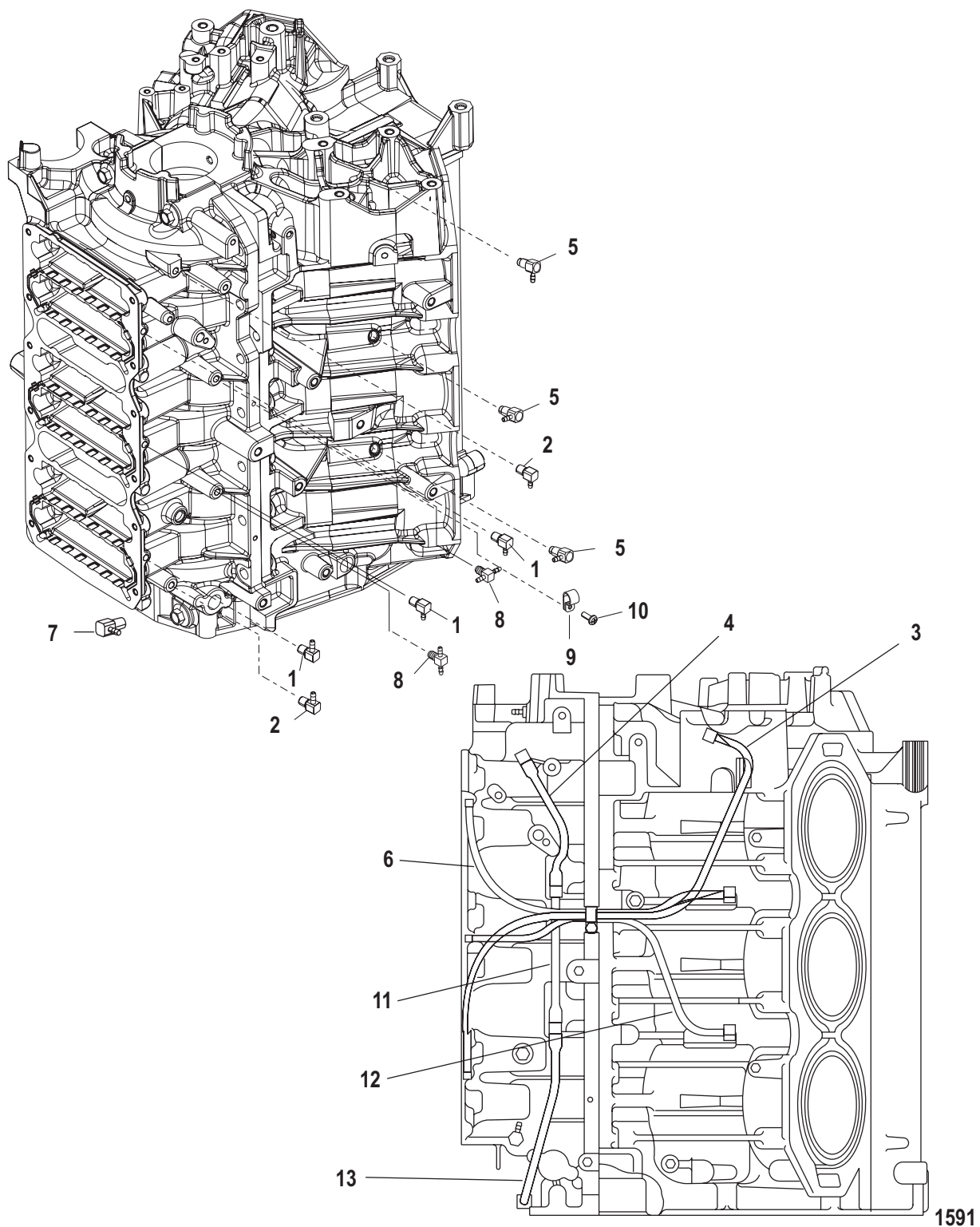


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Fuel Rails

- [2] - Alternate part numbers:
- 877869A07QS
- 877869R04Reman

Port Center Main Oiling System



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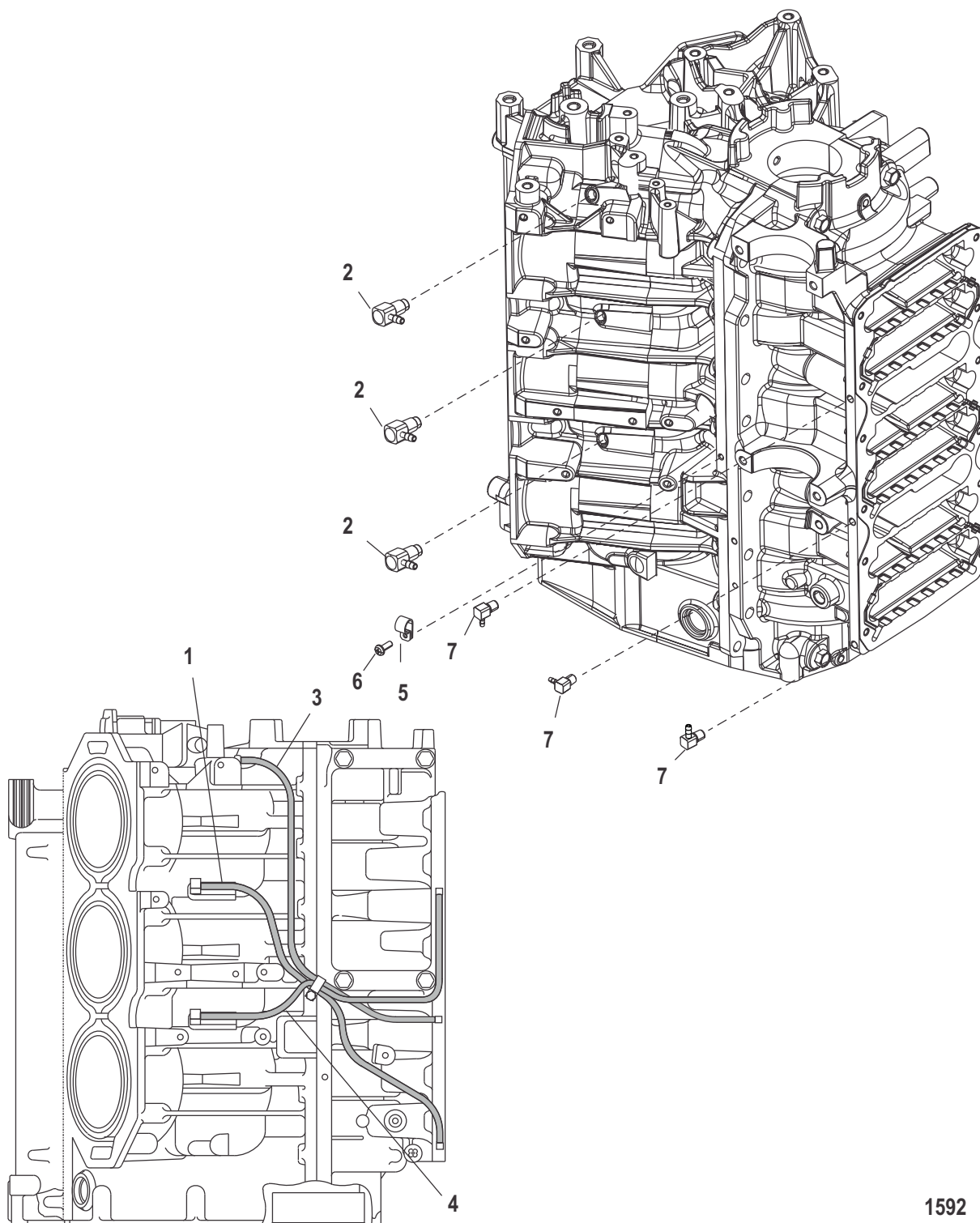
Port Center Main Oiling System

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0022	887801	FITTING Elbow 90 Degree (.0625-27)		3	[1]
2	0022	887801	FITTING Elbow 90 Degree (.0625-27)		2	[1]
3	0032	85606065	TUBING (38.00 Inches Bulk) Cut to 20.5 Inches		1	[1]
4	0032	85606065	TUBING (38.00 Inches Bulk) Cut to 5 Inches		1	[1]
5	0021	8592352	CHECK VALVE 90 Degree (.0625-27)		3	[1]
6	0032	85606065	TUBING (38.00 Inches Bulk) Cut to 13 Inches		1	[1]
7	0021	8282182	CHECK VALVE		1	[1]
8	0021	8582362	CHECK VALVE		2	[1]
9	0054	23567	CLIP		1	[1]
10	0010	878608	SCREW (#10-16 x .500)		1	[1]
11	0032	85606065	TUBING (38.00 Inches Bulk) Cut to 4.75 Inches		1	[1]
12	0032	85606065	TUBING (38.00 Inches Bulk) Cut to 11 Inches		1	[1]
13	0032	85606065	TUBING (38.00 Inches Bulk) Cut to 9.5 Inches		1	[1]
-	0000	877869A07	POWERHEAD ASSEMBLY		1	[2]

PART NOTES:

- [1] - COMPONENT OF POWERHEAD/PARTIAL ENGINE 877869A07
- [2] - Alternate part numbers:
877869A07QS
877869R04Reman

Starboard Center Main Oiling System



1592

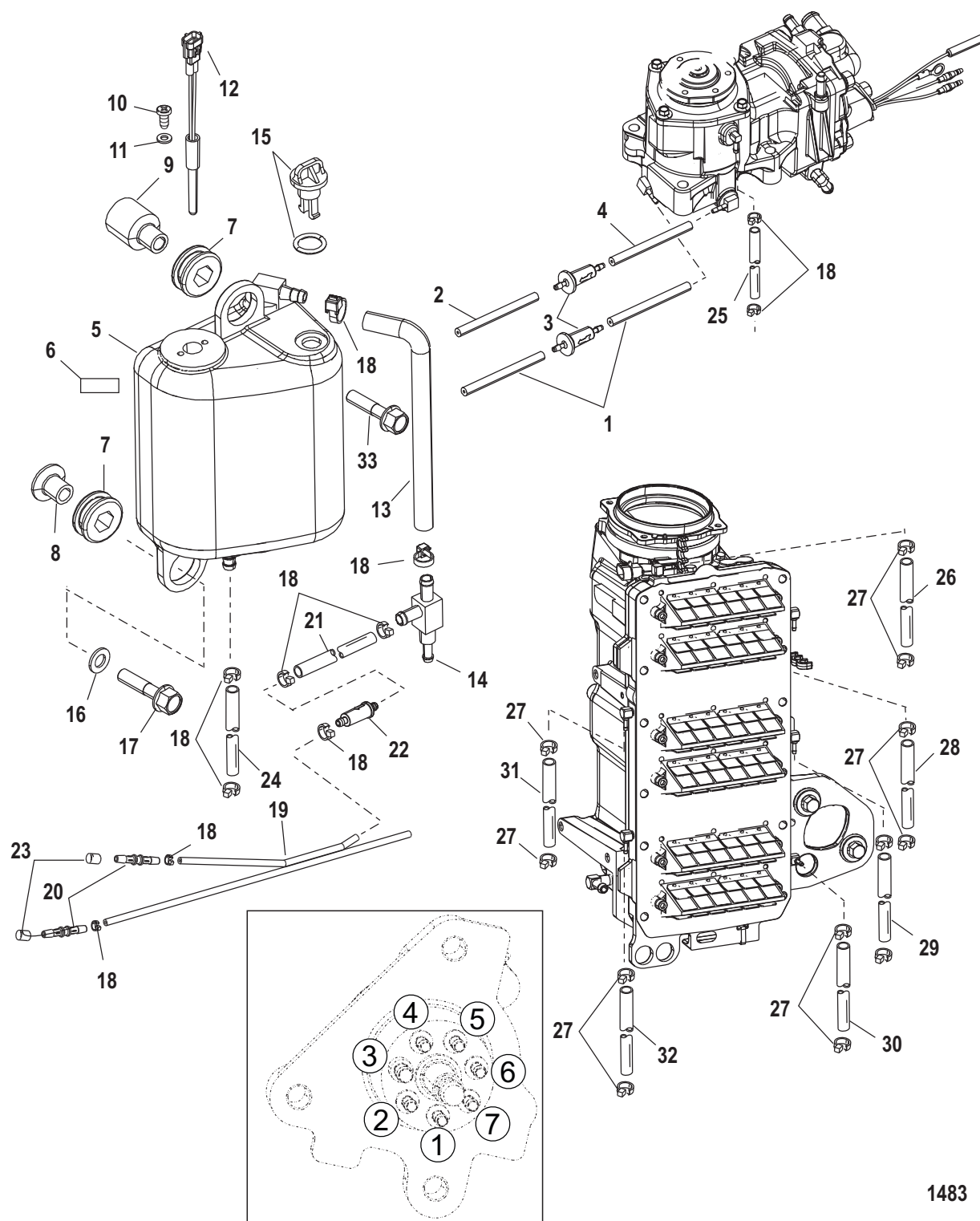
Starboard Center Main Oiling System

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0032	85606065	TUBING (38.00 Inches Bulk) Cut to 15.5 Inches		1	[1]
2	0021	8592352	CHECK VALVE 90 Degree (.0625-27)		3	[1]
3	0032	85606065	TUBING (38.00 Inches Bulk) Cut to 16.5 Inches		1	[1]
4	0032	85606065	TUBING (38.00 Inches Bulk) Cut to 15 Inches		1	[1]
5	0054	23567	CLIP		1	[1]
6	0010	878608	SCREW (#10-16 x .500)		1	[1]
7	0022	887801	FITTING Elbow 90 Degree (.0625-27)		3	[1]
-	0000	877869A07	POWERHEAD ASSEMBLY		1	[2]

PART NOTES:

- [1] - COMPONENT OF POWERHEAD/PARTIAL ENGINE 877869A07
- [2] - Alternate part numbers:
877869A07QS
877869R04Reman

Oiling System



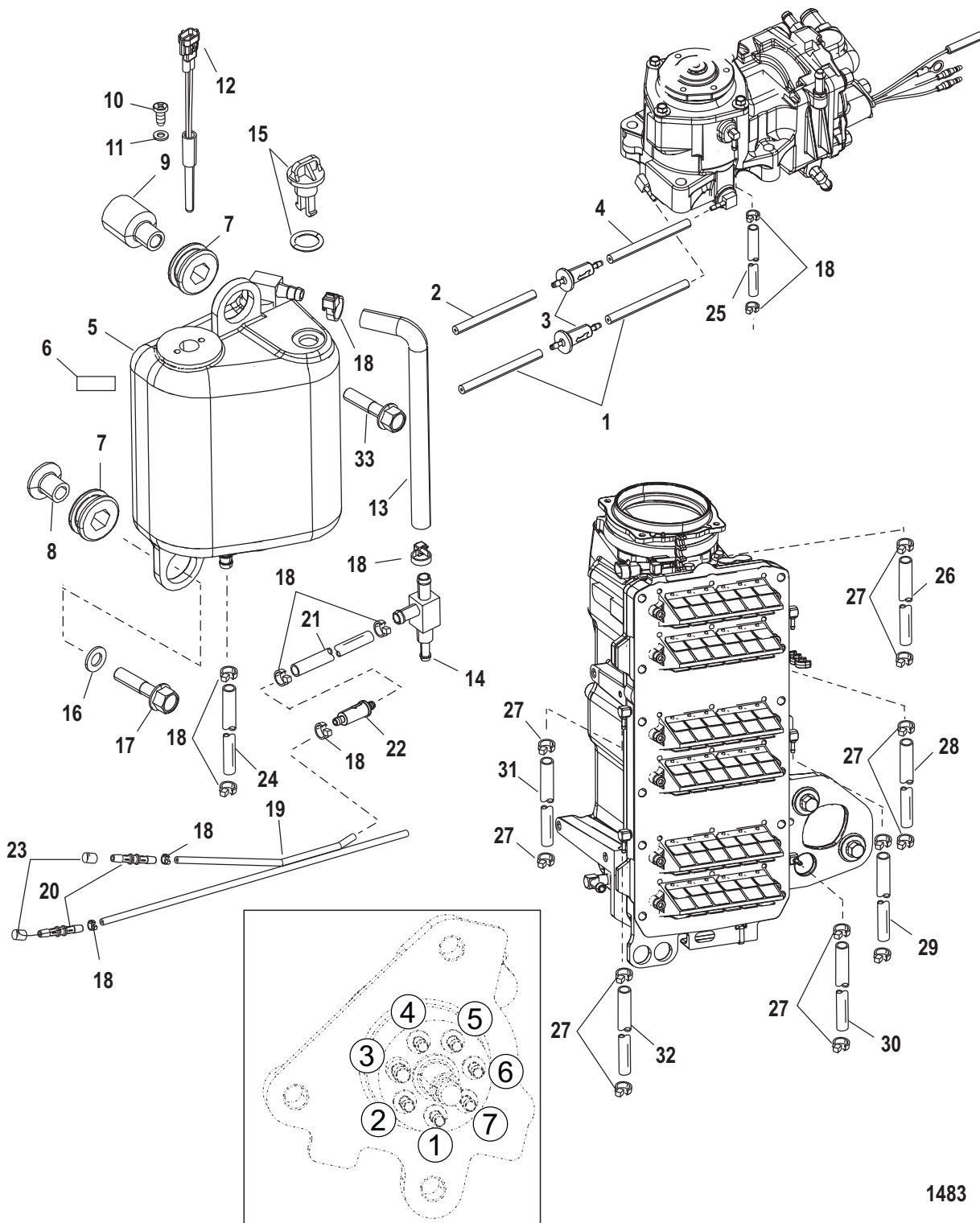
1483

Oiling System

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0032	85606065	TUBING (38.00 Inches Bulk) Cut to 11.50 Inches To Block		2	
2	0032	85606065	TUBING (38.00 Inches Bulk) Cut to 5 Inches To Block		1	
3	0035	18206001	FILTER Fuel		2	
4	0032	85606065	TUBING (38.00 Inches Bulk) Cut to 9 Inches		1	
5	1200	884525T1	TANK Oil		1	
6		NSS	NOT SOLD SEPARATE Decal-Reservoir		1	
7	0025	855362001	GROMMET		3	
8	0023	855364	BUSHING		2	
9	0023	883050	SPACER		1	
10	0010	58376	SCREW (.164-18 x .375)		1	
11	0012	72761	WASHER (.203 x .562 x .060) Stainless Steel		1	
12	0087	856156A4	SWITCH		1	
13	0032	885553	HOSE		1	
14	0022	424254	FITTING		1	
15	0019	887609	PLUG		1	
16	0012	4002318	WASHER		3	
17	0010	81893435	SCREW (M8 x 35)		2	
18	0054	816311T	TIE STRAP (8.00 Inches)		AR	
19	0032	8752891	HOSE To Block		1	
20	0022	858955	CONNECTOR		2	
21	0032	875283	HOSE (2.00 Inches)		1	
22	0035	875284001	FILTER Oil - In Line		1	
23		NSS	NOT SOLD SEPARATE Plug		2	
24	0032	892830053	HOSE (24.00 Inches Braided) Cut to 22 Inches To Center of Oil Pump		1	
25	0032	85583466	HOSE (40.00 Inches Bulk) Cut to 34 Inches To Oil Pump Connection Illustrated as #2		1	
26	0032	85606065	TUBING (38.00 Inches Bulk) Cut to 19.50 Inches To Oil Pump Connection Illustrated as #6		1	
27	0000	56762	TIE STRAP (4.00 Inches)		AR	
28	0032	85606065	TUBING (38.00 Inches Bulk) Cut to 11 Inches To Oil Pump Connection Illustrated as #5		1	
29	0032	85606065	TUBING (38.00 Inches Bulk) Cut to 6 Inches To Oil Pump Connection Illustrated as #4		1	
30	0032	85606065	TUBING (38.00 Inches Bulk) Cut to 4 Inches To Oil Pump Connection Illustrated as #3		1	
31	0032	85606065	TUBING (38.00 Inches Bulk) Cut to 22 Inches To Oil Pump Connection Illustrated as #1		1	
32	0032	85606065	TUBING (38.00 Inches Bulk) Cut to 16 Inches To Oil Pump Connection Illustrated as #7		1	

Oiling System

Oiling System



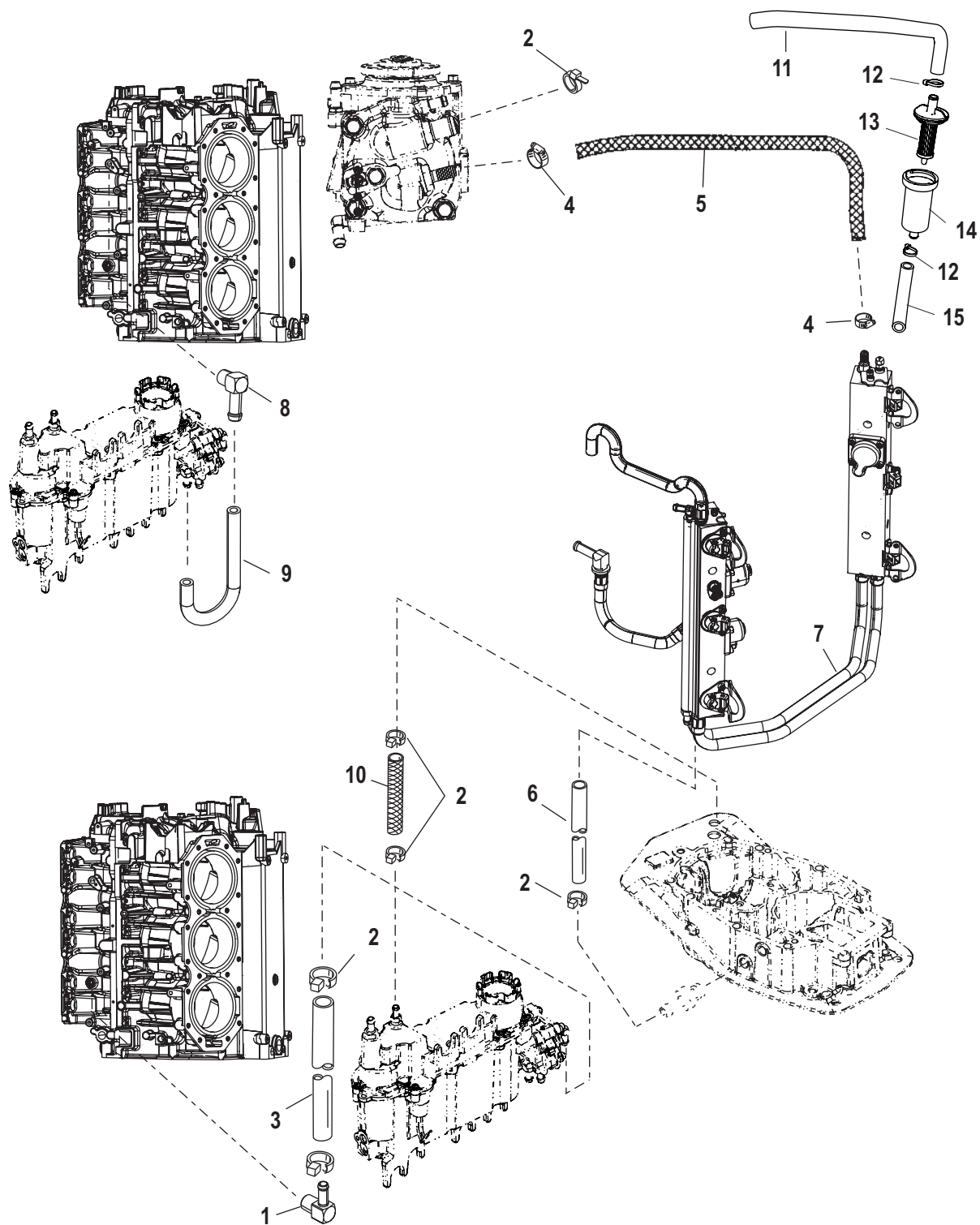
1483

Cat.# 90-889453007

Oiling System

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
33	0010	81893460	SCREW (M8 x 60)		1	

Air Hoses



23749

Air Hoses

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0022	856842	ELBOW		1	[1]
2	0054	816311T	TIE STRAP (8.00 Inches)		AR	
3	0032	830757130	TUBING (.312) (70.00 Inches Bulk) (Cut to 8 Inches)		1	
4	0054	856880	CLAMP Hose (15.3)		2	
5	0032	8567631	HOSE ASSEMBLY		1	
6	0032	889314	HOSE Air By-Pass		1	
7	0032	804829	HOSE ASSEMBLY Air Balance		1	
8	0022	875271	FITTING 90 Degree - Brass (.125-27)		1	[1]
9	0032	887630	HOSE Molded		1	
10	0032	888827	HOSE/SLEEVE		1	
11	0032	8M0005664	HOSE Molded		1	
12	0054	816311T	TIE STRAP (8.00 Inches)		2	
13	0035	880084T	FILTER ASSEMBLY		1	
14	0000	8M0005677	MUFFLER		1	
15	0032	8M0005665	HOSE Molded		1	
-	0000	877869A07	POWERHEAD ASSEMBLY		1	[2]

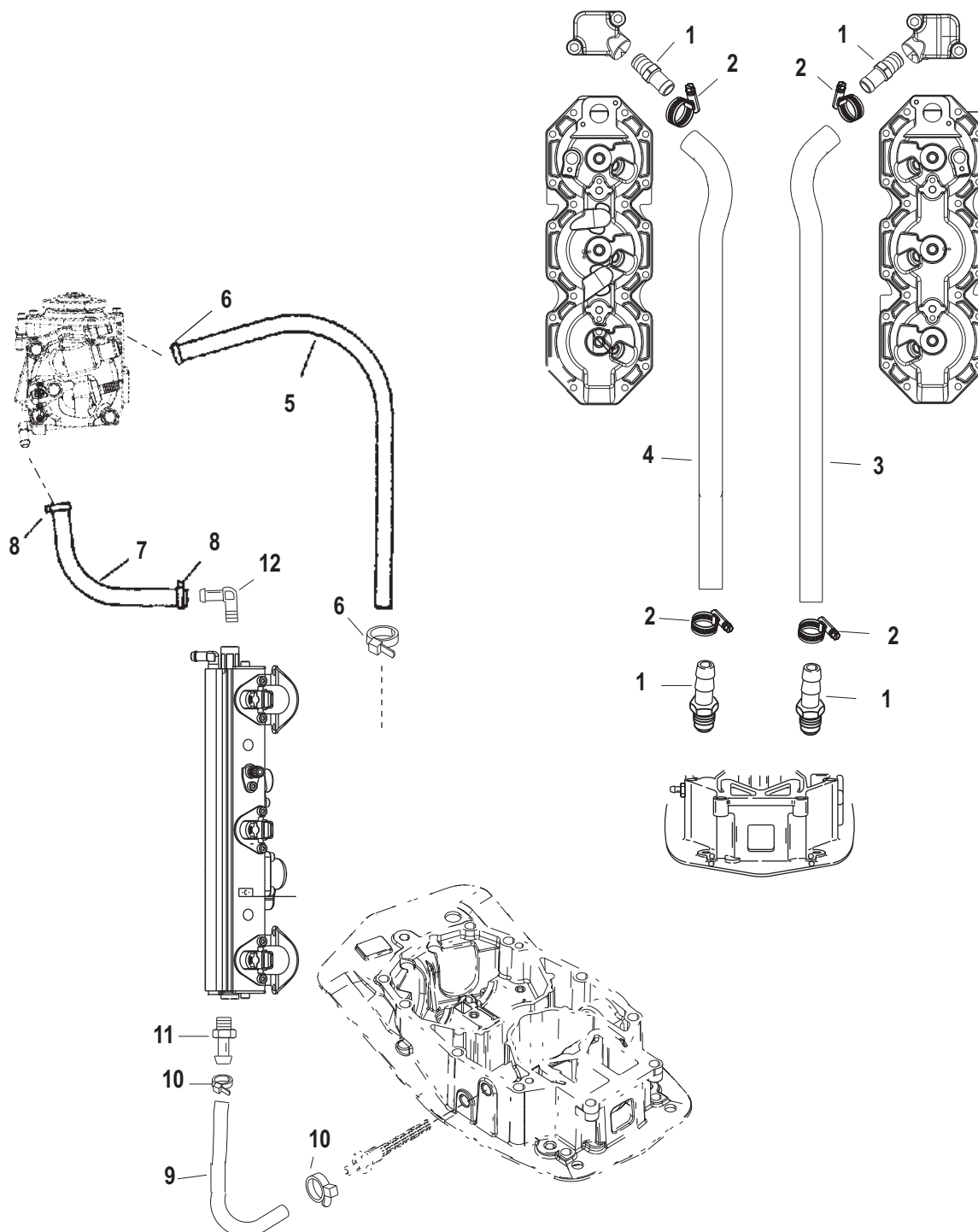
PART NOTES:

- [1] - COMPONENT OF POWERHEAD/PARTIAL ENGINE 877869A07
 [2] - Alternate part numbers:

877869A07QS

877869R04Reman

Water Hoses



1594

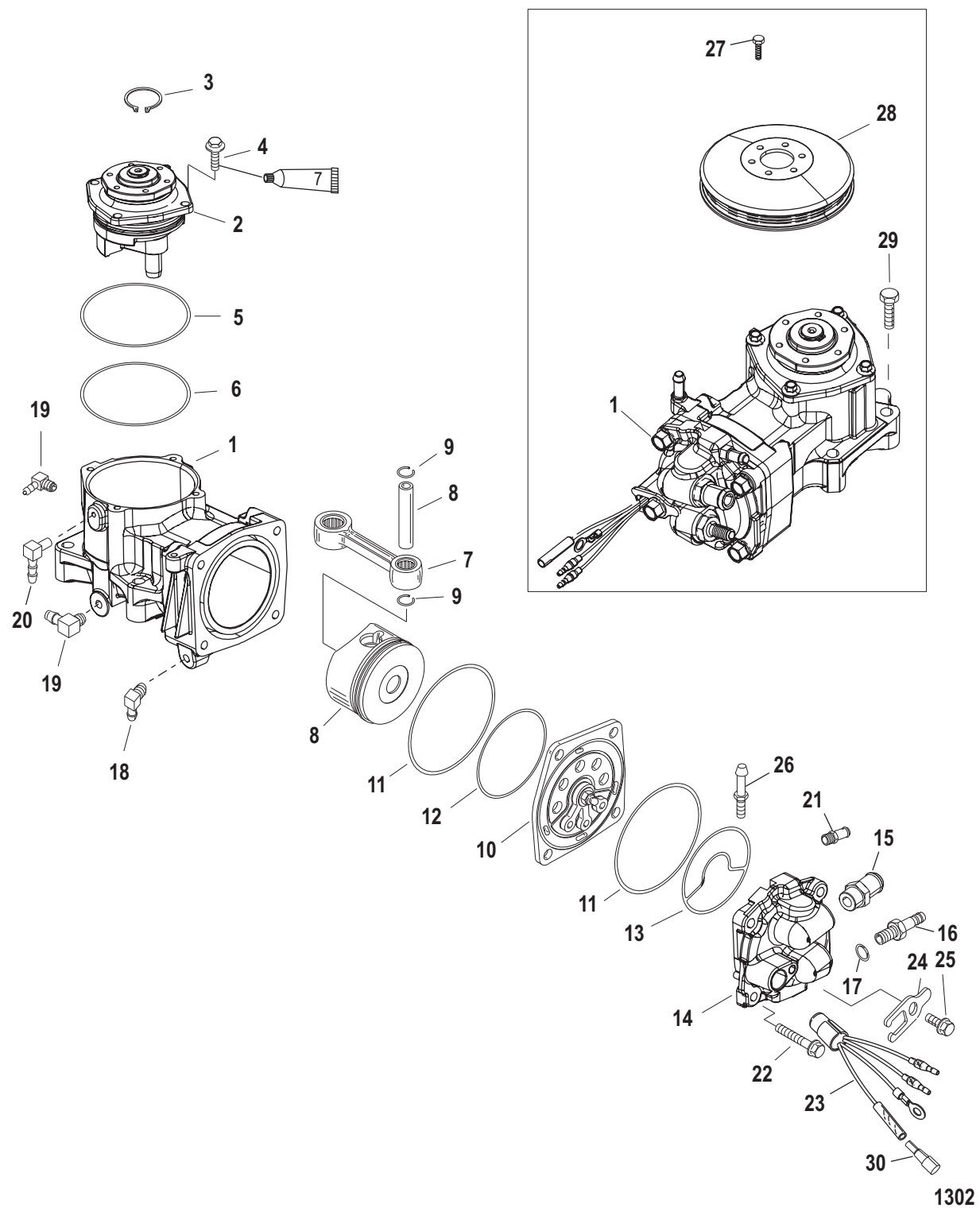
Water Hoses

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0022	858855	FITTING Straight		4	[1]
2	0054	816311T	TIE STRAP (8.00 Inches)		4	
3	0032	859090001	HOSE Starboard Dump		1	
4	0032	859089001	HOSE Port Dump		1	
5	0032	856839	TUBING		1	
NS	0054	856880	CLAMP Hose (15.3)	(Use with Tubing 32-856839)	1	
6	0054	816311T	TIE STRAP (8.00 Inches)		2	
7	0032	858807	HOSE		1	
8	0054	816311T	TIE STRAP (8.00 Inches)		2	
9	0032	858865	HOSE		1	
10	0054	816311T	TIE STRAP (8.00 Inches)		2	
11	0022	291112	FITTING		1	
12	0022	996642	FITTING Elbow 90 Degree (.125-27 x .250) Nylon		1	
-	0000	877869A07	POWERHEAD ASSEMBLY		1	[2]

PART NOTES:

- [1] - COMPONENT OF POWERHEAD/PARTIAL ENGINE 877869A07
- [2] - Alternate part numbers:
- 877869A07QS
- 877869R04Reman

Air Compressor Components

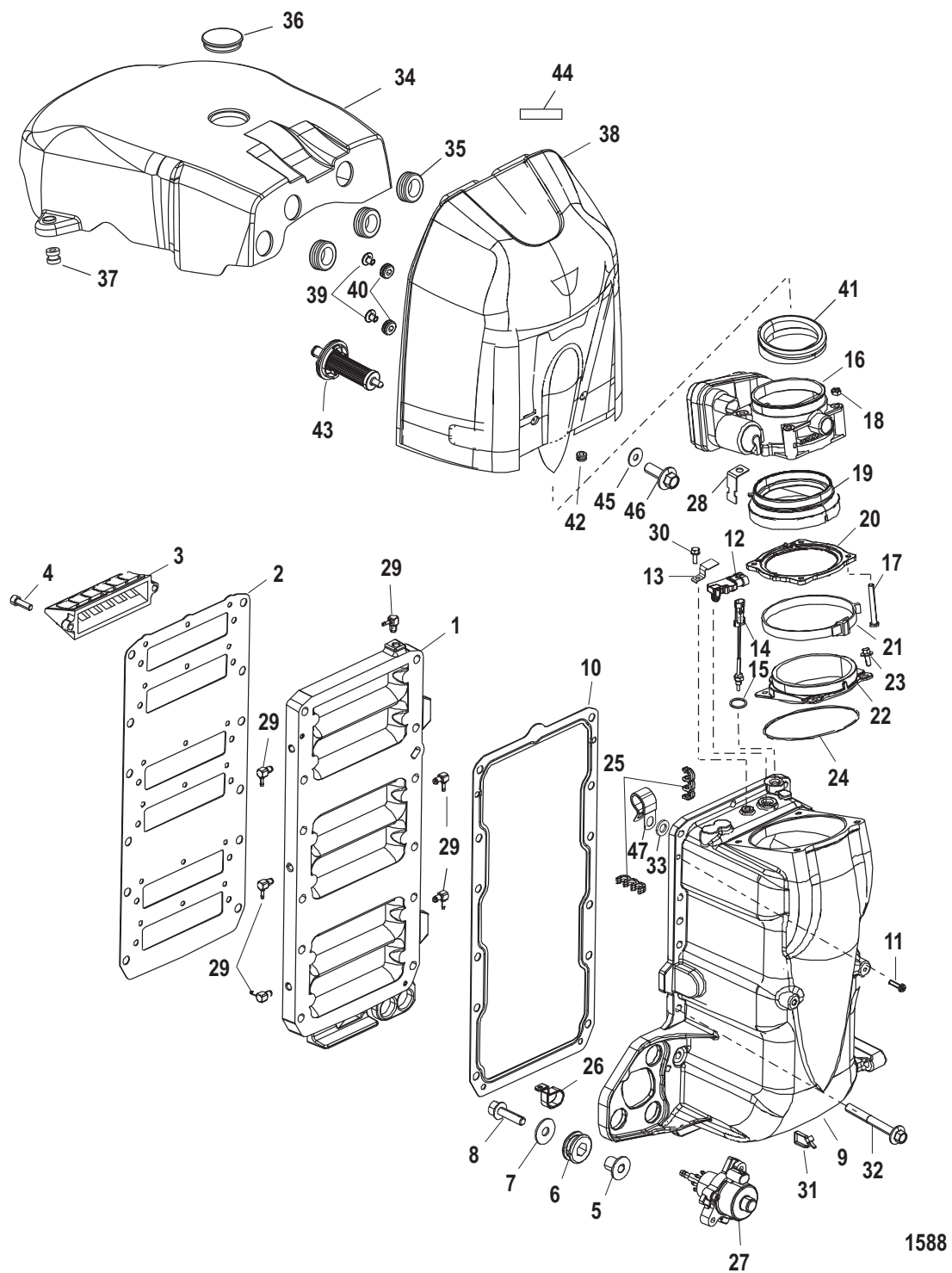


1302

Air Compressor Components

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	828123T32	COMPRESSOR ASSEMBLY Air		1	
2	1173	828131A12	END CAP ASSEMBLY		1	
3		NSS	NOT SOLD SEPARATE Snap Ring		1	
4	0010	85593920	SCREW (M6 x 20)		4	
5	0025	67206001	O-RING		1	
6	0025	67206001	O-RING		1	
7	0653	833146T06	CONNECTING ROD ASSEMBLY		1	
8		NSS	NOT SOLD SEPARATE Piston assembly		1	
9	0053	8348101	RING Lock		2	
10	0000	835088A10	REED PLATE ASSEMBLY		1	
11	0025	67207	O-RING (3.489 x .070)		2	
12	0025	832804	O-RING (2.739 x .070)		1	
13	0026	828225	SEAL		1	
14	0000	835087A8	HEAD KIT Compressor		1	
15	0022	8812711	FITTING		1	
16	0022	856744	FITTING		1	
17	0025	831985	O-RING (.468 x .078)		1	
18	0022	996642	FITTING Elbow 90 Degree (.125-27 x .250) Nylon		1	
19	0021	428641	FITTING Check Valve		2	
20	0022	151331	FITTING		1	
21	0022	16604	FITTING Straight (.125-27)		1	
22	0010	82127335	SCREW (M8 x 35 MM)		4	
23	0000	13536A14	SENSOR ASSEMBLY Temperature		1	
24	0000	137151	RETAINER		1	
25	0010	81893414	SCREW (M8 x 14)		1	
26	0000	8215832	PIN Special (1.5 Inches)		1	
27	0010	85593912	SCREW (M6 x 12)		6	
28	0000	8328233	PULLEY		1	
29	0010	8M0045380	SCREW (M8 x 50)		4	
30	0000	13541	PLUG Male		1	
-	0025	832804A03	O-RING KIT		1	

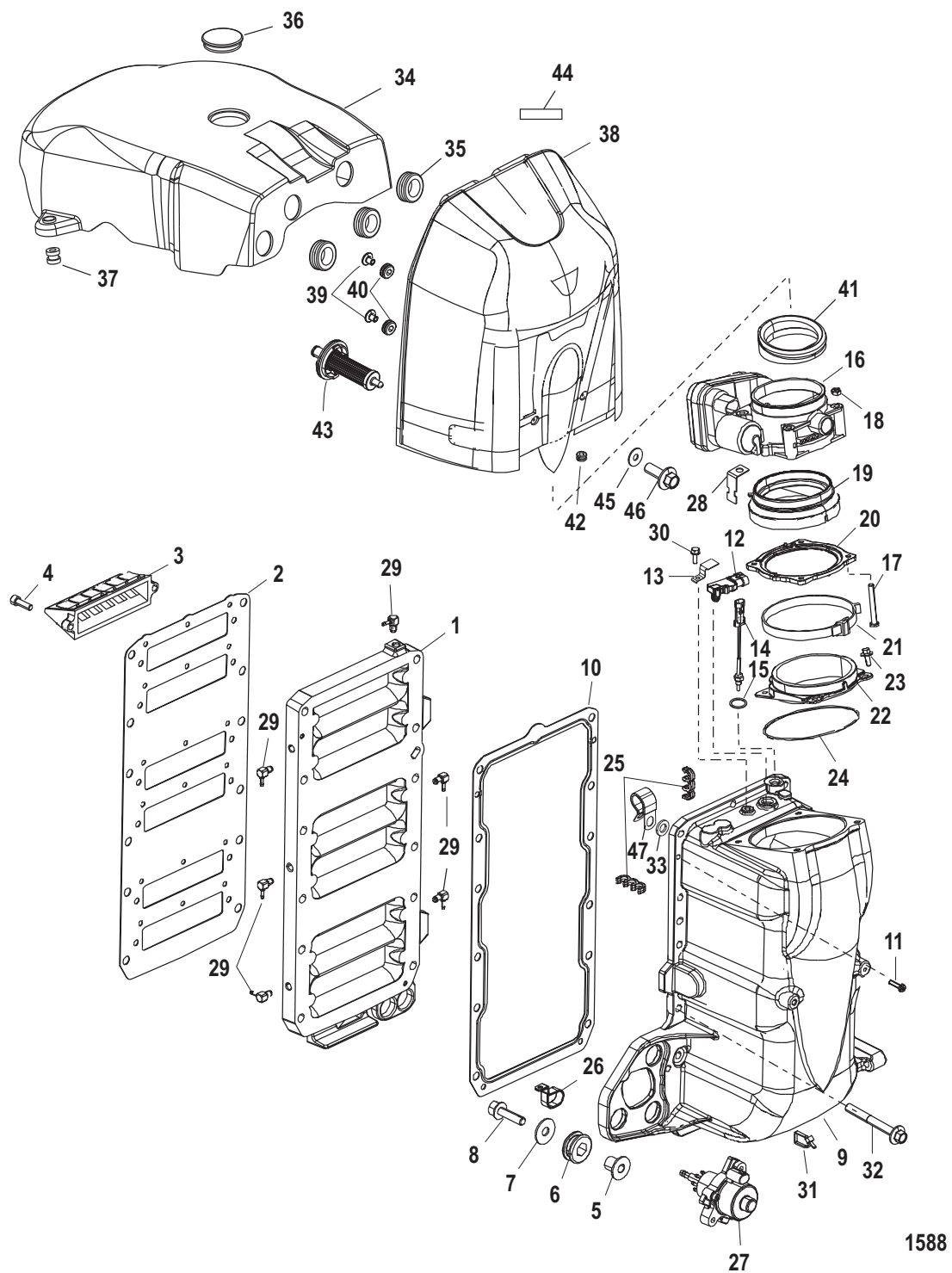
Air Handler



Air Handler

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	884552T06	AIR HANDLER ASSEMBLY		1	
1	0000	858541T3	PLATE		1	
2	0027	804680	GASKET		1	[1]
3	0000	828623T6	REED BLOCK ASSEMBLY		6	
4	0010	8555252	SCREW (M6)		12	
5	0023	855364	BUSHING		3	
6	0025	855362001	GROMMET		3	
7	0012	817274	WASHER (.344 x 1.00 x .063) Stainless Steel		3	
8	0010	81893430	SCREW (M8 x 30)		3	
9	0000	858539T6	PLENUM KIT Air		1	
10	0027	804679004	GASKET		1	[2]
11	0010	883942	SCREW (M4 x 16)		2	
12	0000	854445	SENSOR MAP		1	
13	0000	884522	BRACKET MAP Sensor		1	
14	0000	885342002	SENSOR ASSEMBLY		1	
15	0025	896699	O-RING (1.78 mm x .08 mm)		1	
16	0000	877828T02	CONTROL Throttle - Electronic		1	
17	0016	881852	STUD M6 x 50		4	
18	0011	889452	NUT		4	
19	0000	881005	ISOLATOR		1	
20	0000	880791	PLATE		1	
21	0054	889594001	CLAMP		1	
22	0000	881004	PLATE		1	
23	0010	82130014	SCREW (M6 x 14)		4	
24	0025	855426	O-RING		1	
25	0000	859230T	RETAINER		1	
26	0054	804842	CLAMP		1	
27	0000	857149T05	PUMP ASSEMBLY Oil		1	
28	0000	884353	BRACKET		1	
29	0021	858870	CHECK VALVE		6	
30	0010	1993716	SCREW (M6 x 16)		1	
31	0054	816311T	TIE STRAP (8.00 Inches)		1	
32	0010	82130040	SCREW (M6 x 40)		12	
33	0012	29245	WASHER (.281 x .500 x .060) Stainless Steel		1	
34	0000	880083T1	COVER ASSEMBLY		1	
35	0025	13467	GROMMET (.88 Inside Diameter)		3	
36	0019	89219001	PLUG		1	
37	0025	821555001	GROMMET		2	
38	0000	881277T2	ATTENUATOR		1	
39	0023	856954	BUSHING		2	
40	0025	834985	GROMMET		2	
41		NSS	NOT SOLD SEPARATE Seal		1	
42	0025	20116	GROMMET		1	
43	0035	880084T	FILTER ASSEMBLY		1	

Air Handler



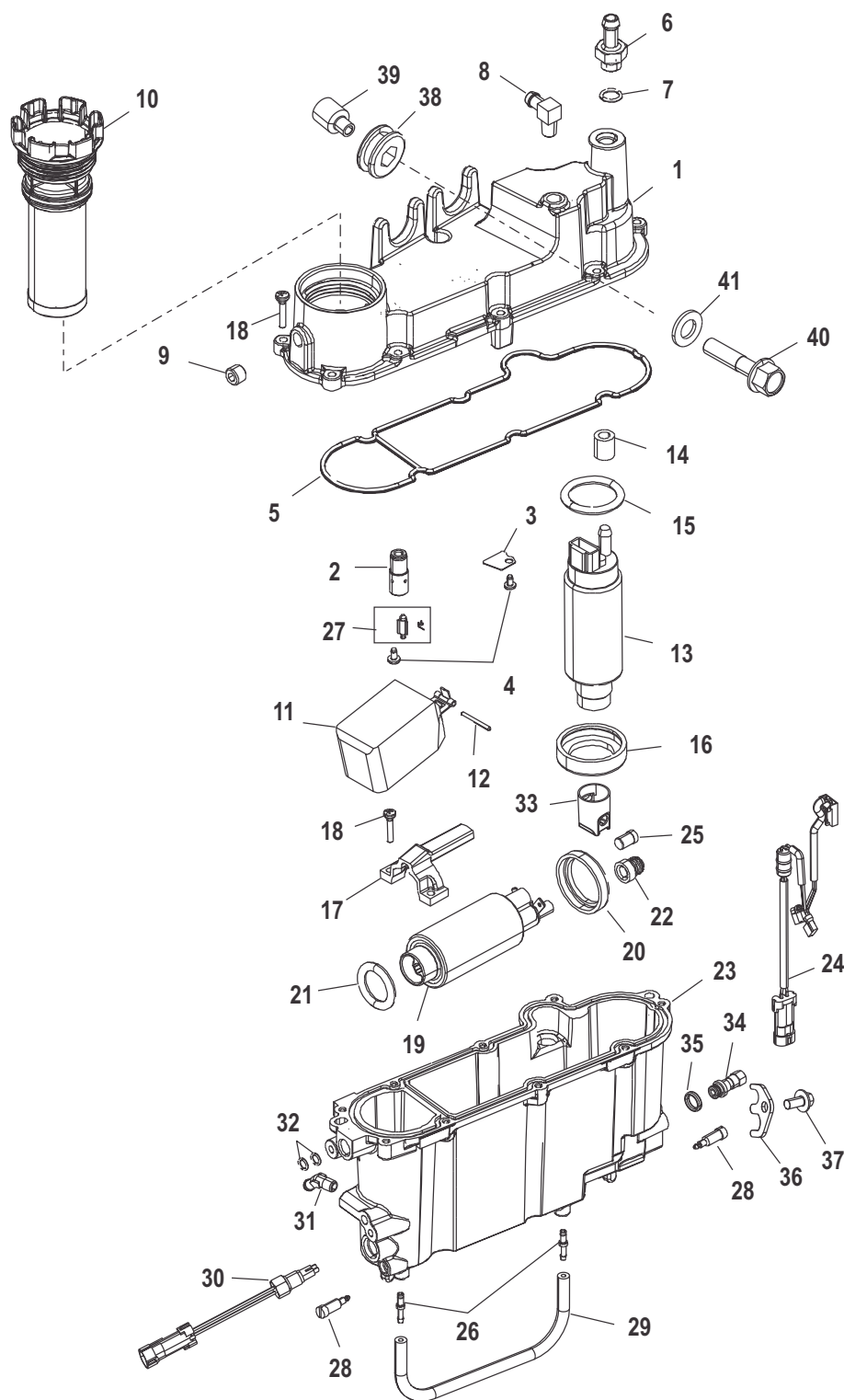
Air Handler

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
44	0037	881865	DECAL Caution-Start in Gear		1	
45	0012	65567	WASHER (.265 x .750 x .048) Stainless Steel		2	
46	0010	82130025	SCREW (M6 x 25)		2	
47	0054	858902	CLAMP		1	
-	0027	832934A00	GASKET SET Powerhead		1	
-	0000	877869A07	POWERHEAD ASSEMBLY		1	[3]

PART NOTES:

- [1] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 832934A00
 COMPONENT OF POWERHEAD/PARTIAL ENGINE 877869A07
- [2] - COMPONENT OF POWERHEAD/PARTIAL ENGINE 877869A07
- [3] - Alternate part numbers:
 877869A07QS
 877869R04Reman

Vapor Separator Components

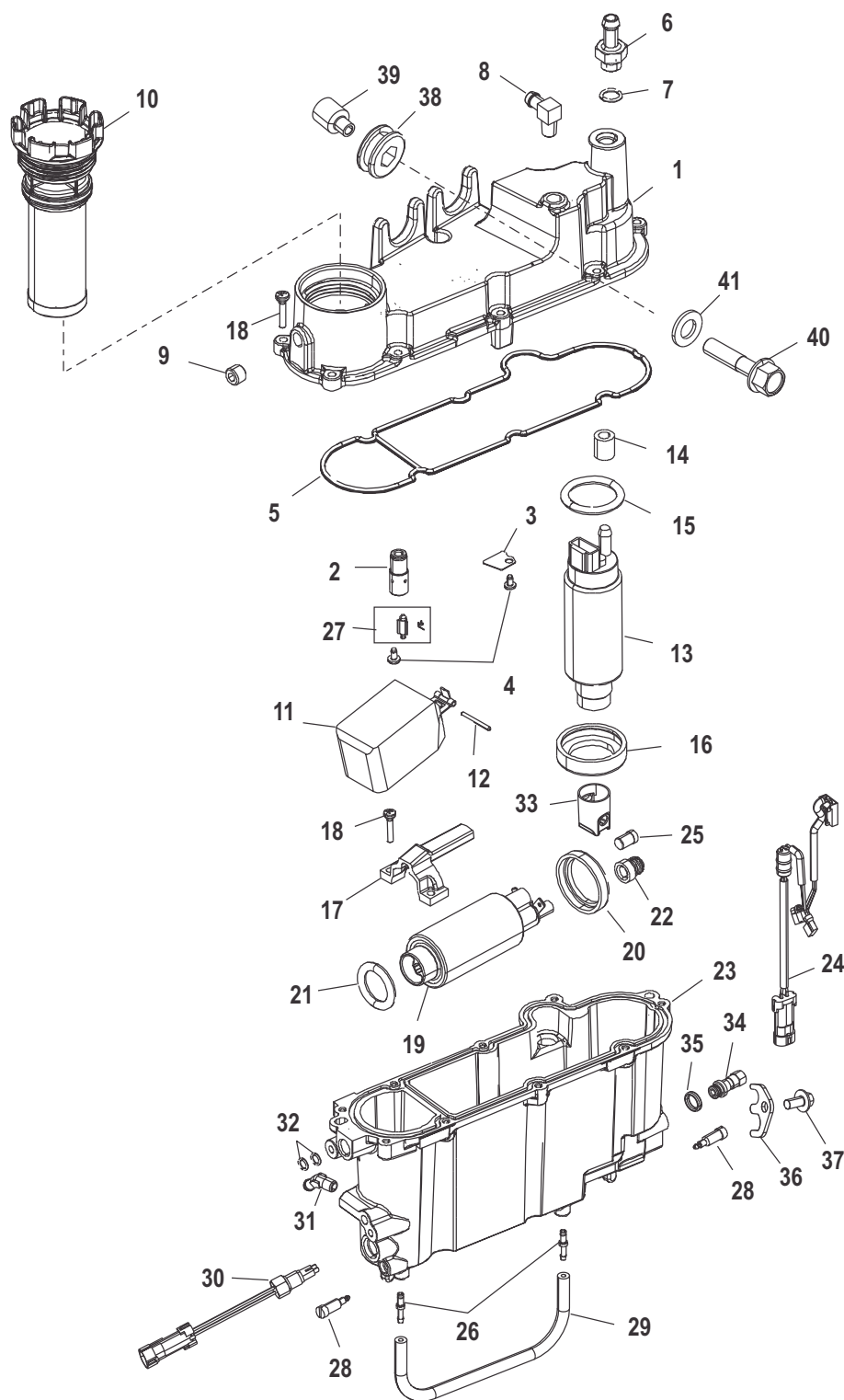


23502

Vapor Separator Components

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	880133T12	VAPOR SEPARATOR ASSEMBLY		1	
1	0000	889317T02	COVER KIT		1	
2		NSS	NOT SOLD SEPARATE Seat		1	
3	0000	889318001	PLATE Baffle		1	
4	0010	883223	SCREW (M6 x 16)		2	
5	0027	889319001	GASKET		1	
6	0022	883556	FITTING		1	
7	0025	883209	O-RING		1	[1]
8	0022	889329	FITTING		1	
9	0019	883208	PLUG		1	
10	0035	884380T	FILTER Fuel		1	
11	0000	889320A1	FLOAT KIT		1	
12	0000	F10064	SHAFT		1	
13	0000	888725T02	PUMP ASSEMBLY Fuel - High Pressure		1	
14	0023	855428	SLEEVE		1	
15	0025	8893162	O-RING		1	[1]
16	0026	889321	SEAL		1	
17	0000	889328	RETAINER		1	
18	1395	9643	SCREW		11	
19	0000	888733T02	PUMP ASSEMBLY Boost		1	
20	0025	889322	GROMMET		1	
21	0025	889316	O-RING		1	[1]
22	0026	889323	SEAL		1	
23	0000	889324T03	BOWL KIT		1	
24	0084	889325A02	WIRE		1	
25		NSS	NOT SOLD SEPARATE Check Valve		1	
26	0022	855424011	FITTING		2	
27	0000	889326A1	VALVE KIT Inlet		1	
28	0010	889327002	SCREW Drain		2	
29	0032	883545002	HOSE		1	
30	0000	889330	SENSOR Water		1	
31	0022	782792	FITTING Elbow 45 Degree (1.25)		1	
32	0025	627021	O-RING (.301 x .070)		2	[1]
33	0000	889430	INSERT		1	
34	0000	884820	SHRADER VALVE		1	
35	0025	891778	O-RING		1	
36	0054	884819	CLIP		1	
37	0010	82130012	SCREW (M6 x 12)		1	
38	0025	855362001	GROMMET		3	
39	0023	883050	SPACER		3	
40	0010	81893460	SCREW (M8 x 60)		3	
41	0012	4002318	WASHER		3	
-	0025	889316A1	O-RING KIT Vapor Separator		1	

Vapor Separator Components



23502

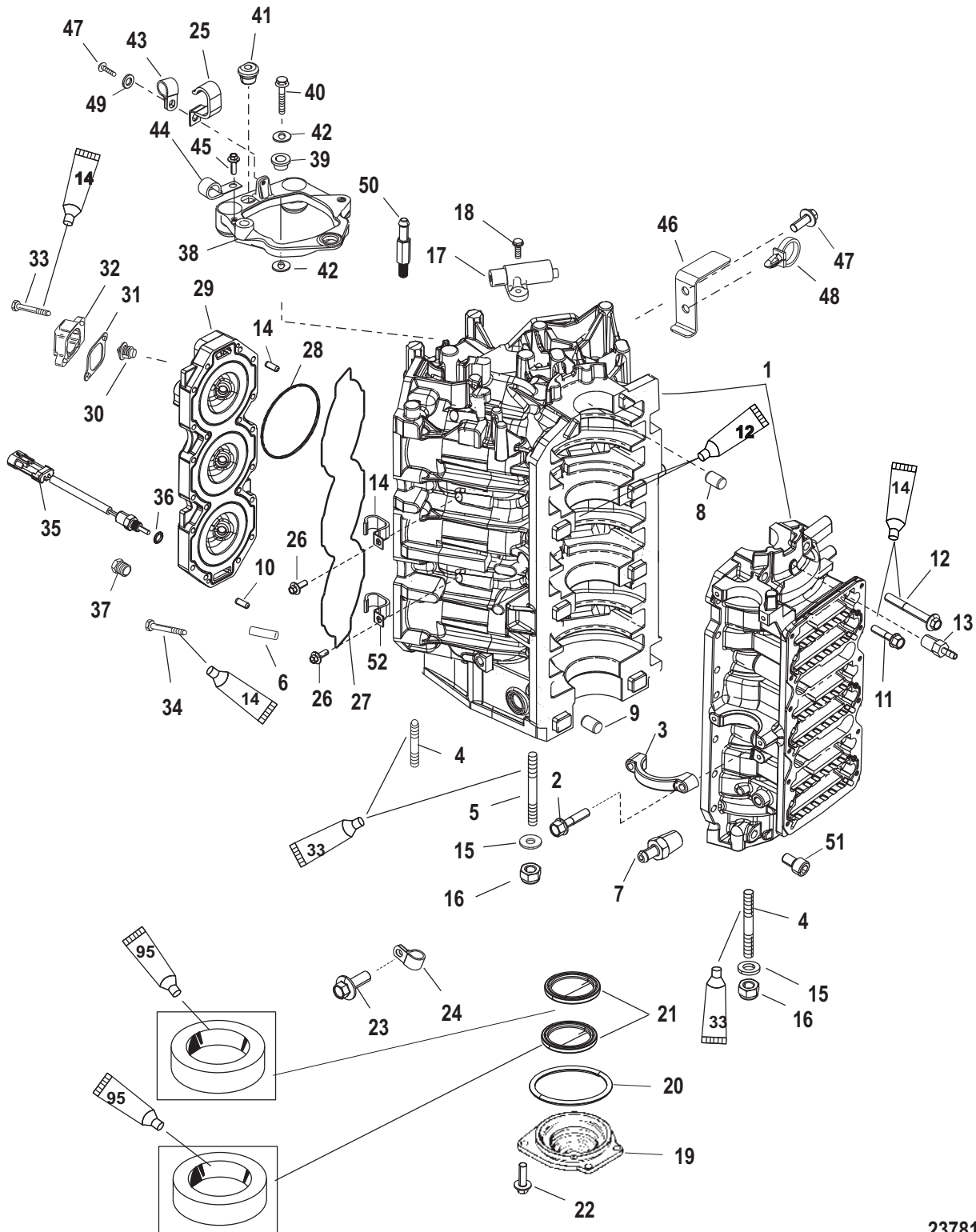
Cat.# 90-889453007

Vapor Separator Components

PART NOTES:

[1] - VAPOR SEPERATOR ORING KIT 889316A 1

Cylinder Block and End Cap



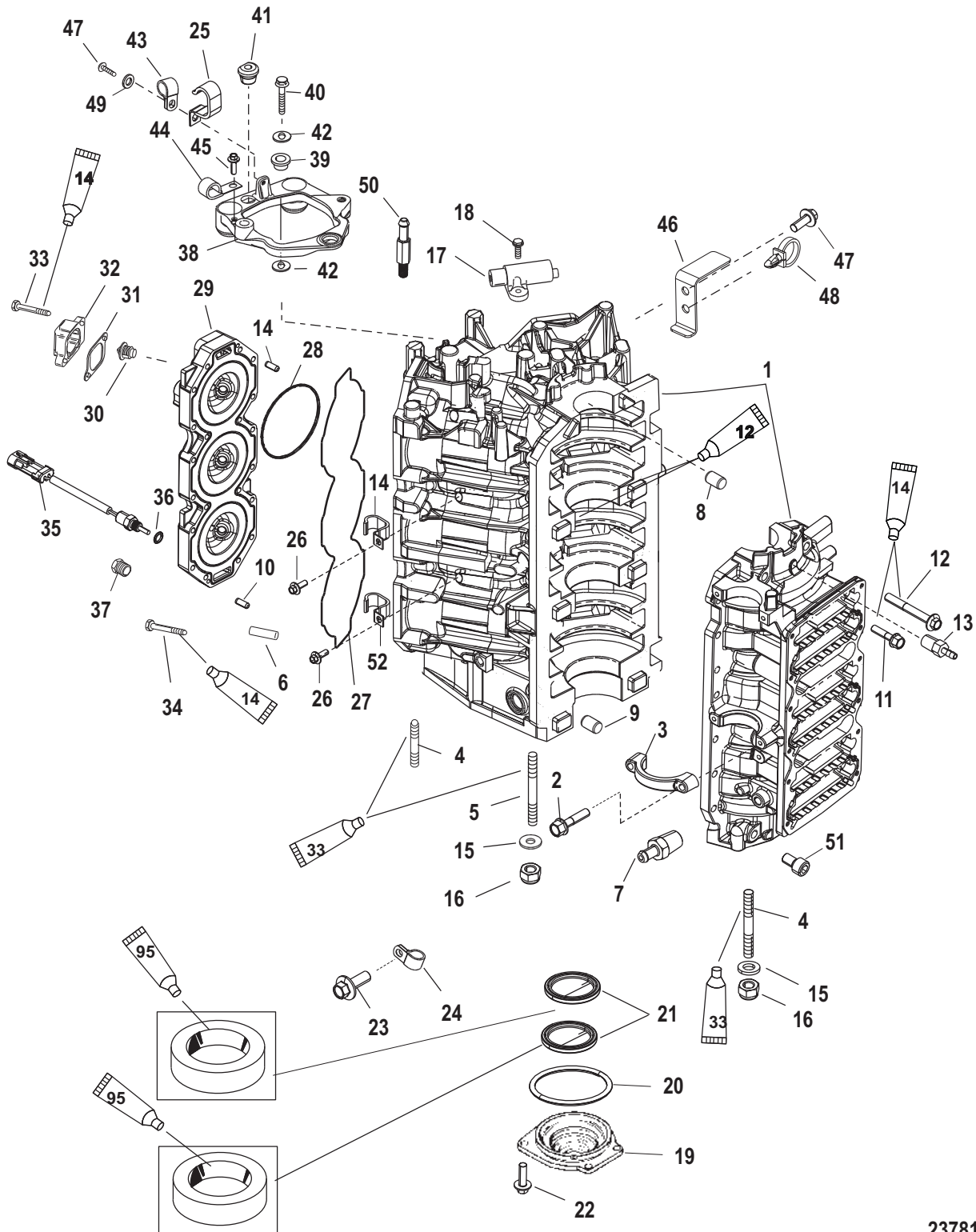
23781

Cylinder Block and End Cap

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0885	899162A06	CYLINDER BLOCK ASSEMBLY		1	[1]
2	0010	81893440	SCREW (M8 x 40)		4	[1]
3	0000	8569662	BRACKET		2	[1]
4	0016	903509	STUD (M10 x 1.5 x 64)		4	[1]
5	0016	8154431	STUD (M10 x 1.5 x 155)		6	[1]
6	0000	8248577	DEFLECTOR		6	[1]
7	0021	8781051	CHECK VALVE		1	[1]
8	0017	67296	PIN		3	[1]
9	0017	43044	PIN Dowel - Without Hole (.375 x .625)		1	[1]
10	0017	63779	PIN Dowel (.250 x .625)		4	[1]
11	0010	81893435	SCREW (M8 x 35)		14	[1]
12	0010	82446180	SCREW (M10 x 80)		8	[1]
13	0022	8245021	CONNECTOR		1	[1]
14	0054	65292	J CLIP		1	
15	0012	856774	WASHER (.406 x .750 x .105) Stainless Steel		10	
16	0011	4013610	NUT (M10) Stainless Steel		10	
17	0000	8283582	SENSOR		1	
18	0010	40011107	SCREW (M5 x 16) Stainless Steel		2	
19	1171	9787A4	END CAP ASSEMBLY		1	[1]
20	0025	62700	O-RING (3.237 x .103)		1	[2]
21	0026	8308981	SEAL		2	[1]
22	0010	82130020	SCREW (M6 x 20)		4	[1]
23	0010	82130012	SCREW (M6 x 12)		1	[1]
24	0054	858902	CLAMP		1	
25	0054	65292	J CLIP		1	
26	0010	82130012	SCREW (M6 x 12)		2	
27	0000	818574	SEAL		2	[2]
28	0000	884391	SEAL		6	[1]
29	0900	858485T07	CYLINDER HEAD Starboard	(Starboard)	1	[1]
29	0900	858483T07	CYLINDER HEAD Port	(Port)	1	[1]
30	0000	885599004	THERMOSTAT 54 Degree C/130 Degree F		2	[1]
31	0027	8503181	GASKET		2	[2]
32	0000	887601	COVER Thermostat	(Port)	1	[1]
32	0000	887602	COVER Thermostat	(Starboard)	1	[1]
33	0010	82130025	SCREW (M6 x 25)		4	[1]
34	0010	891570050	SCREW (M8 x 50)		40	[1]
35	0000	885342002	SENSOR ASSEMBLY		2	
36	0025	896699	O-RING (1.78 mm x .08 mm)		2	
37	0022	328022	PLUG Pipe (.125-27) Brass		1 or 2	[1]
38	0000	857186A1	PLATE ASSEMBLY		1	
39	0023	855729	MOUNT		3	
40	0010	82130145	SCREW (M10 x 45)		3	
41	0025	19565002	GROMMET		1	
42	0012	855725	WASHER		6	

Cylinder Block and End Cap

Cylinder Block and End Cap



23781

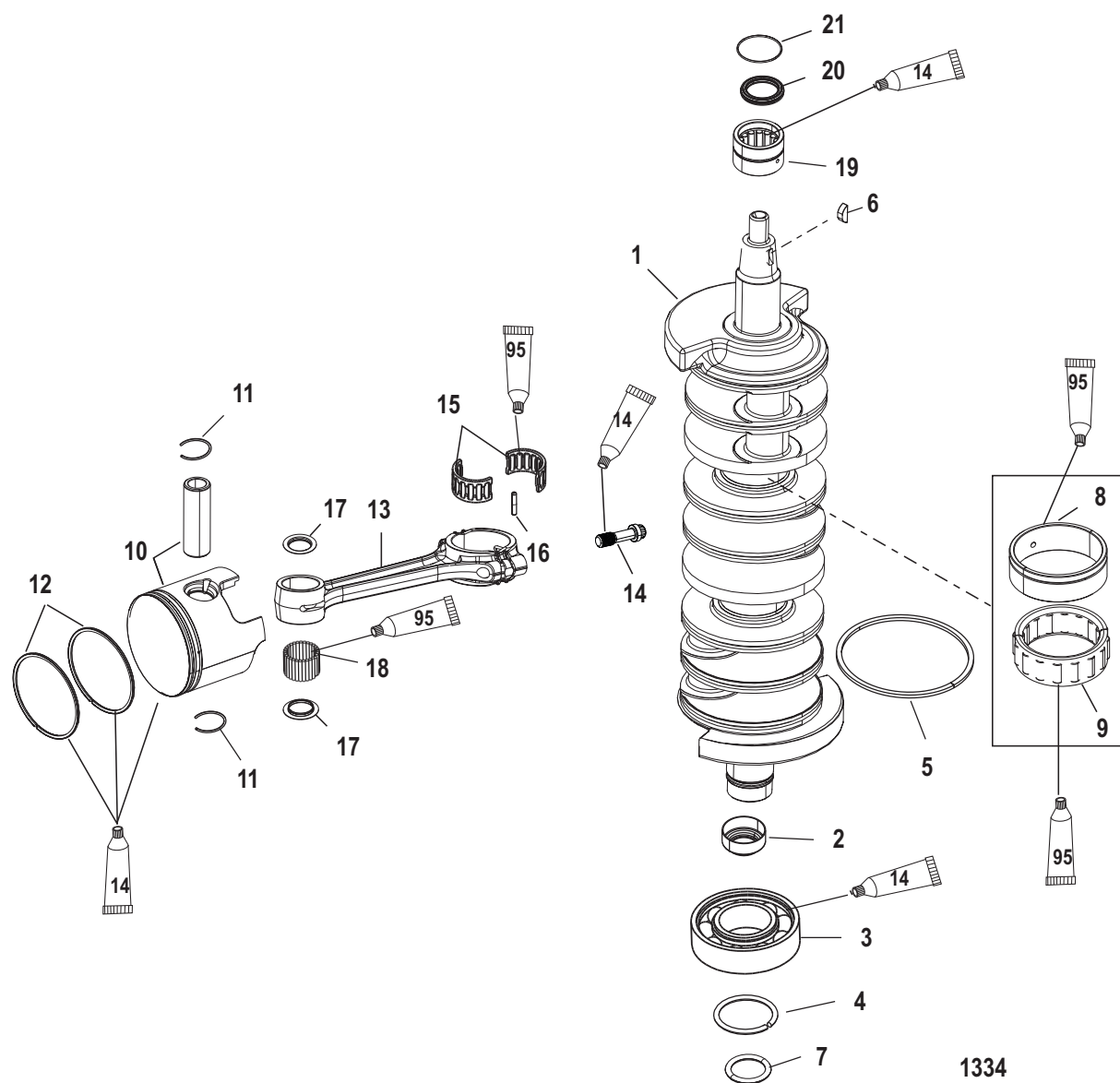
Cylinder Block and End Cap

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
43	0054	858424	CLAMP		1	
44	0054	858951	J CLIP		1	
45	0010	82130012	SCREW (M6 x 12)		1	
46	0000	888435	BRACKET		1	
47	0010	82130016	SCREW (M6 x 16)		2	
48	0054	858932	CLIP		1	
49	0012	29245	WASHER (.281 x .500 x .060) Stainless Steel		1	
50	0017	8405101	PIN		1	
51	0010	82494810	SCREW (M6 x 10)		1	
52	0054	8M0005663	J CLIP		1	
-	0027	832934A00	GASKET SET Powerhead		1	
-	0000	877869A07	POWERHEAD ASSEMBLY		1	[3]

PART NOTES:

- [1] - COMPONENT OF POWERHEAD/PARTIAL ENGINE 877869A07
- [2] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 832934A00
COMPONENT OF POWERHEAD/PARTIAL ENGINE 877869A07
- [3] - Alternate part numbers:
877869A07QS
877869R04Reman

Crankshaft, Piston and Connecting Rods



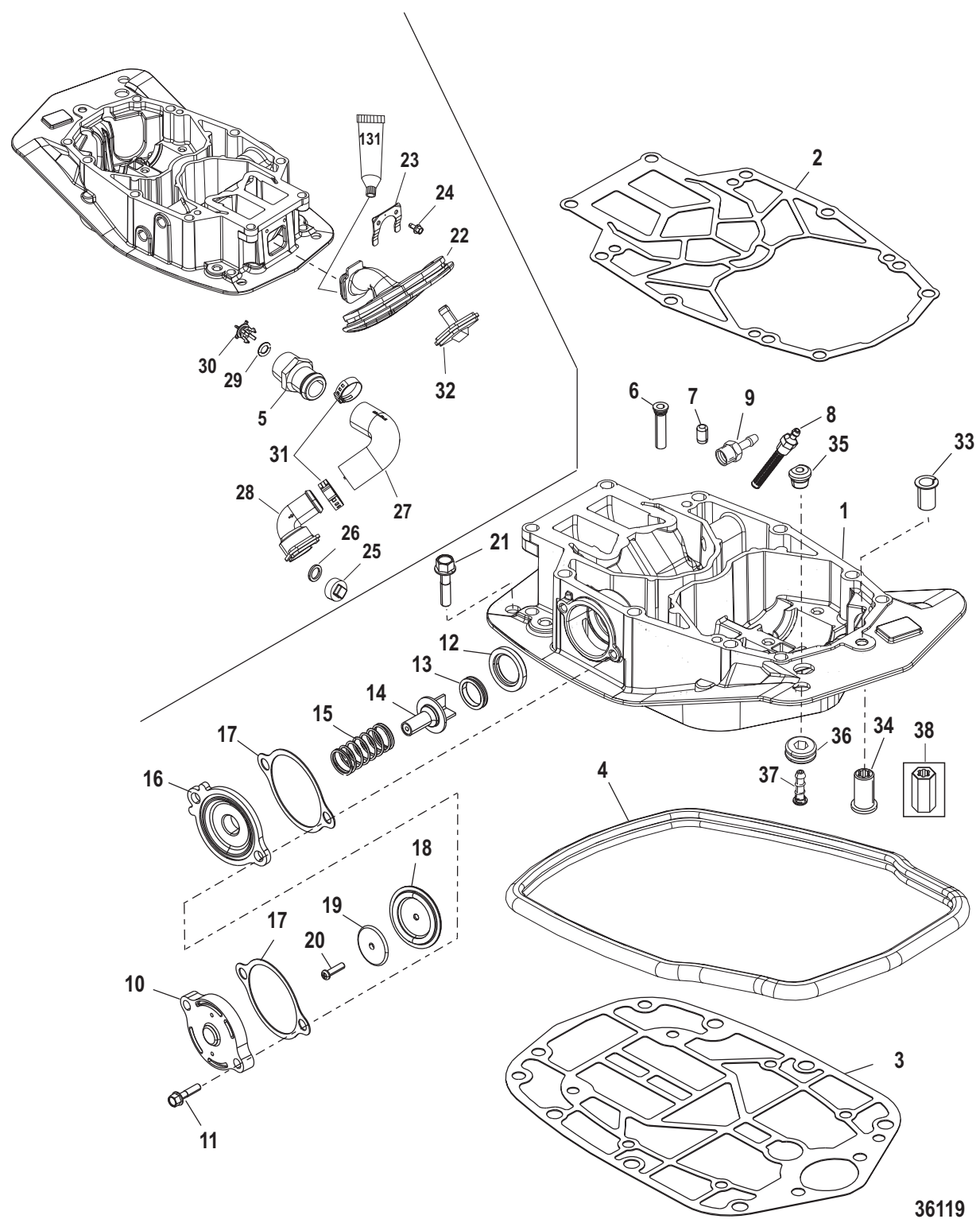
Crankshaft, Piston and Connecting Rods

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0482	9784A11	CRANKSHAFT ASSEMBLY		1	[1]
2	0000	830882	WEAR SLEEVE		1	[1]
3	0030	67923T	BEARING Ball Lower		1	[1]
4	0053	67446	RING		1	[1]
5	0039	843198001	RING Seal		7	[1]
6	0028	91800	KEY Woodruff		1	[1]
7	0025	35126	O-RING (.859 x .139)		1	[2]
8	0031	88270A02	BEARING/RACE KIT		2	[1]
9		NSS	NOT SOLD SEPARATE Needle Roller		2	[1]
10	2720	881055T10	PISTON ASSEMBLY Standard - Starboard		3	[1]
10	2720	889640A02	PISTON ASSEMBLY	Starboard - .015 Oversize	AR	
10	2720	889642A02	PISTON ASSEMBLY	Starboard - .030 Oversize	AR	
10	2720	881054T10	PISTON ASSEMBLY Standard - Port		3	[1]
10	2720	889639A02	PISTON ASSEMBLY	Port - .015 Oversize	AR	
10	2720	889641A02	PISTON ASSEMBLY	Port - .030 Oversize	AR	
11	0040	841202	RING		12	[1]
12	0039	827179A12	RING SET Piston	Standard	12	[1]
12	0039	875252A12	RING SET Piston	.015 Oversize	1	
12	0039	875257A12	RING SET Piston	.030 Oversize	1	
13	0647	822373A09	CONNECTING ROD ASSEMBLY		6	[1]
14	0010	94320	SCREW (.375-24 x 1.250)		12	[1]
15	0031	43012A05	BEARING/CAGE KIT		12	[1]
16		NSS	NOT SOLD SEPARATE Needle Roller Bearing		96	[1]
17	0012	88263	THRUST WASHER		12	[1]
18	0029	88258001	BEARING Needle		204	[1]
19	0031	816773A2	BEARING ASSEMBLY Upper		1	[1]
20	0026	859093	SEAL		1	[1]
21	0025	823683	O-RING (1.989 x .070)		1	[2]
-	0027	832934A00	GASKET SET Powerhead		1	
-	0000	877869A07	POWERHEAD ASSEMBLY		1	[3]

PART NOTES:

- [1] - COMPONENT OF POWERHEAD/PARTIAL ENGINE 877869A07
- [2] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 832934A00
COMPONENT OF POWERHEAD/PARTIAL ENGINE 877869A07
- [3] - Alternate part numbers:
877869A07QS
877869R04Reman

Exhaust Plate



36119

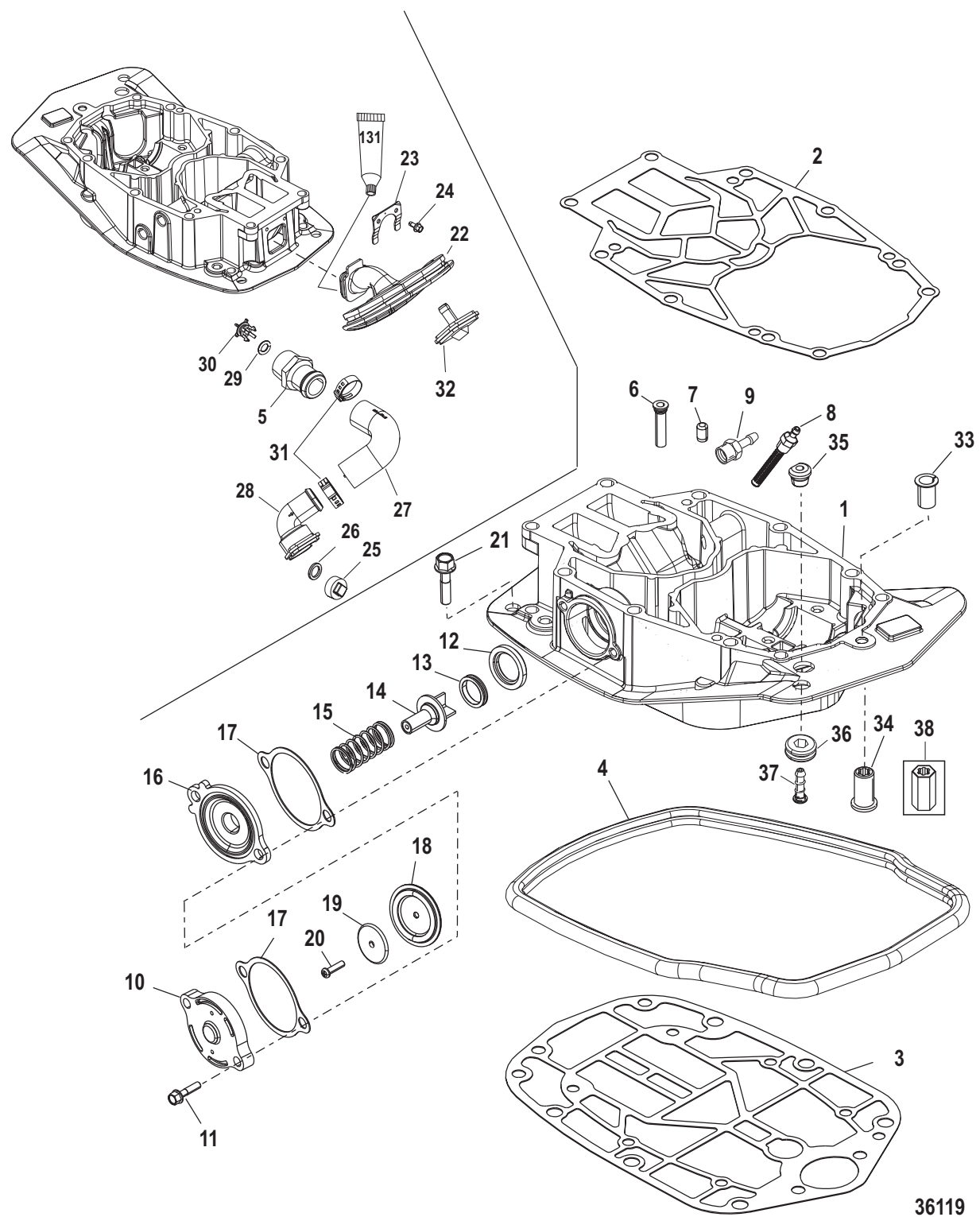
Exhaust Plate

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	832935A17	PLATE ASSEMBLY Exhaust		1	
2	0027	8329335	GASKET		1	[1]
3	0027	8329344	GASKET (Lower)		1	[2]
4	0000	8238051	SEAL		1	
5	0022	8320761	FITTING Check Valve		1	
6	0021	817519A1	CHECK VALVE ASSEMBLY Drain		2	
7	0017	43044	PIN Dowel - Without Hole (.375 x .625)		4	
8	0035	8348084	STRAINER		1	
9	0022	887603	FITTING		1	
10	0000	65663A2	COVER ASSEMBLY		1	
11	0010	81893435	SCREW (M8 x 35)		2	
12	0000	814190	CARRIER		1	
13	0025	814191	GROMMET		1	
14	0000	814189	POPPET		1	
15	0024	64878	SPRING (Black)		1	
16	0000	65664A1	PLATE ASSEMBLY		1	
17	0027	88907003	GASKET		2	[2]
18	0000	648771	DIAPHRAGM		1	
19	0012	76451	WASHER		1	
20	0010	69570	SCREW (#10-16 x .750)		1	
21	0010	81893435	SCREW (M8 x 35)		4	
22	0000	850306A04	BOOT KIT Idle Exhaust		1	
23	0000	888910	PLATE		1	
24	0010	82239312	SCREW (M5 x 12)		2	
25	0019	821908	PLUG		1	
26	0012	821915	WASHER		1	
27	0032	859626A1	FLUSH HOSE KIT (Inlet)		1	
28	0022	8596001	FITTING		1	
29	0025	30641	O-RING (.299 x .103)		1	
30	0000	8219631	CHECK VALVE		1	
31	0054	850896	CLAMP (28.6)		2	
32	0000	821904	FITTING Tell-Tale		1	
33	0023	48237	BUSHING		1	
34	0000	43585	COUPLING	Design I	1	
35	0025	12602002	GROMMET		1	
36	0025	822002	GROMMET		1	
37	0022	94848	FITTING		1	
38	0000	8M0027417	COUPLER Shift Shaft	Design II	1	
-	0027	832934A00	GASKET SET Powerhead		1	
-	0000	877869A07	POWERHEAD ASSEMBLY		1	[3]

PART NOTES:

- [1] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 832934A00
 COMPONENT OF POWERHEAD/PARTIAL ENGINE 877869A07
- [2] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 832934A00

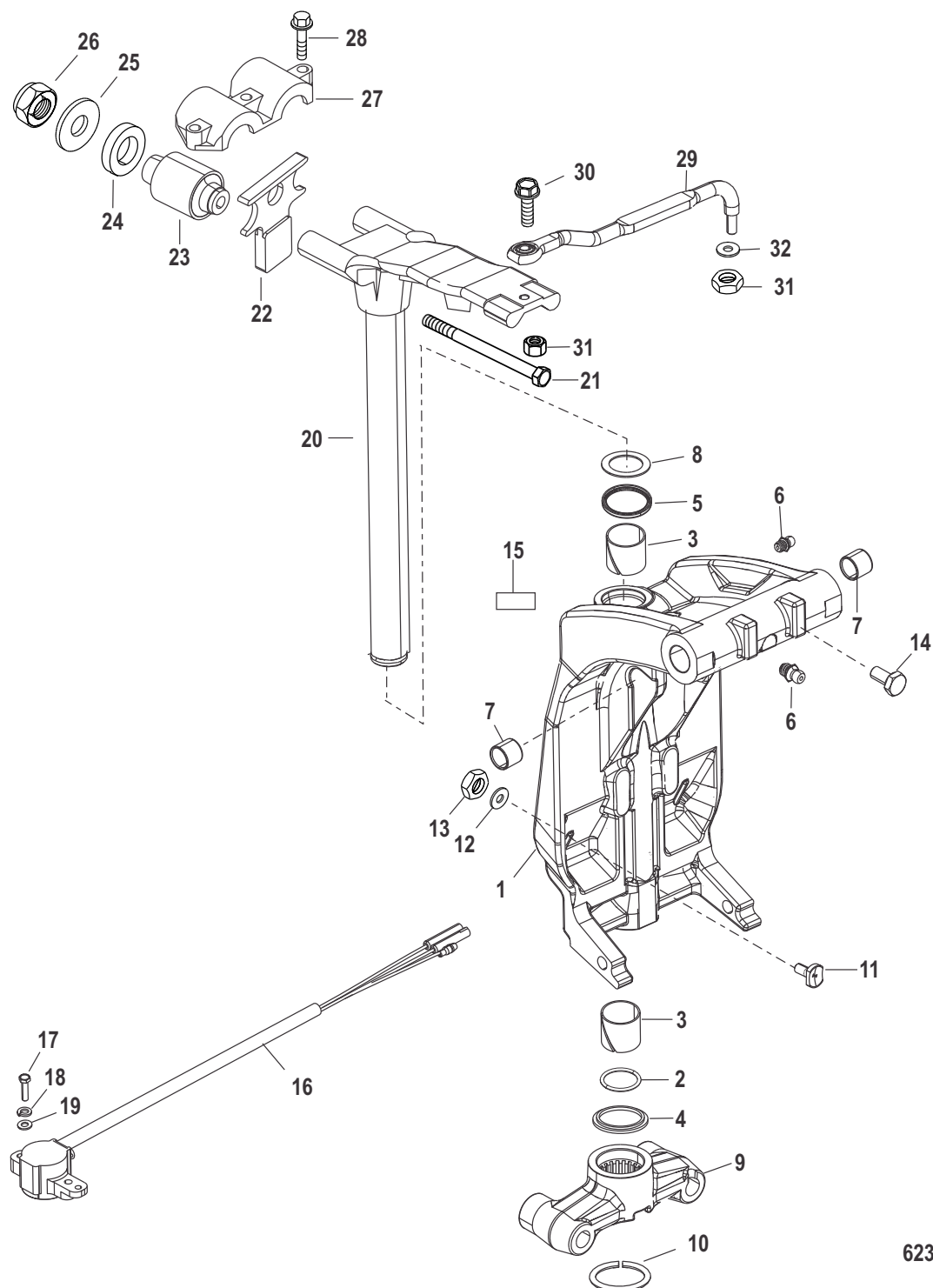
Exhaust Plate



Exhaust Plate

- [3] - Alternate part numbers:
- 877869A07QS
- 877869R04Reman

Swivel Bracket and Steering Arm

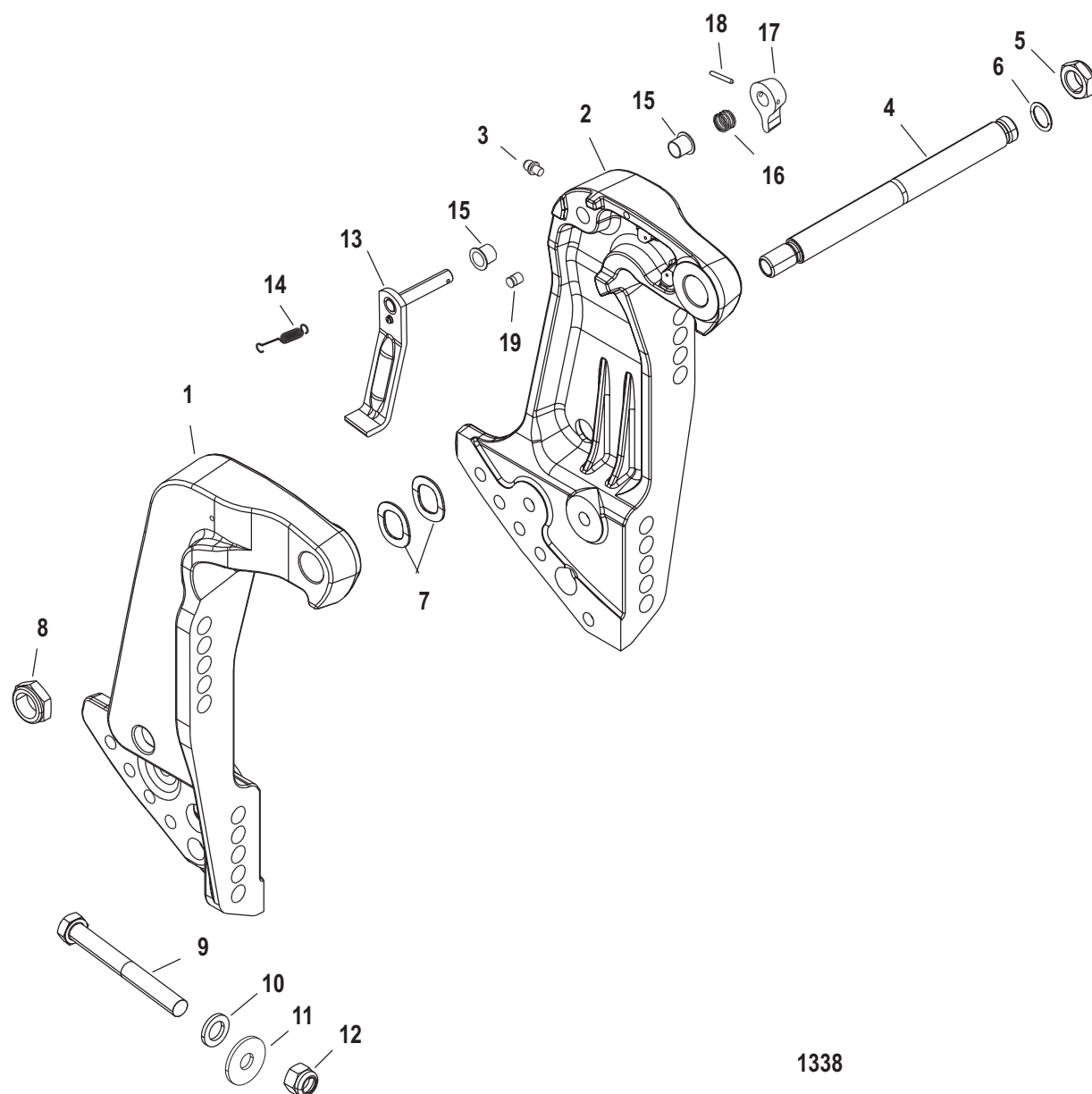


62354

Swivel Bracket and Steering Arm

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	1499	8710T20	SWIVEL BRACKET ASSEMBLY Black		1	
2	0025	33504	O-RING		1	
3	0023	818764	BUSHING		2	
4	0023	816039	SPACER		1	
5	0026	87735	SEAL Oil Lower		1	
6	0022	74036	FITTING Grease		2	
7	0023	821207	BUSHING		2	
8	0012	816432	THRUST WASHER		1	
9	0000	826364T	YOKE Bottom		1	
10	0053	67684	RING Retaining		1	
11	0000	996301	STRIKER PLATE		2	
12	0013	58643	LOCKWASHER (.375)		2	
13	0011	46335	NUT (.375-24)		2	
14	0010	64014	SCREW (.250-28 x .500)		2	
15		NSS	NOT SOLD SEPARATE Decal- Serial Overlamine		1	
16	0000	896688001	SENDER ASSEMBLY Trim		1	
17	0010	852368	SCREW (#10-24 x .750)		2	
18	0013	26996	LOCKWASHER (#10) Stainless Steel		2	
19	0012	89302	WASHER (.203 x .406 x .040)		2	
20	0017	826432A2	SWIVEL PIN ASSEMBLY Steering Arm - Stainless Steel		1	
21	0010	8M0000517	SCREW (M12 x 190)		2	
22	0000	824998001	BUMPER		1	
23	0000	8163851	MOUNT Upper		2	
24	0012	8154371	WASHER		2	
25	0012	815436	WASHER		2	
26	0011	896963	NUT (M12)		2	
27	0000	813769	CLAMP		1	
28	0010	81893435	SCREW (M8 x 35)		3	
29	0000	92876A12	LINK ROD ASSEMBLY		1	
30	0010	849838	SCREW (.375-24 x 1.250)		1	
31	0011	826709113	NUT (.375-24) Stainless Steel		2	
32	0012	37828	WASHER (.390 x .625 x .062) Stainless Steel		2	

Transom Brackets

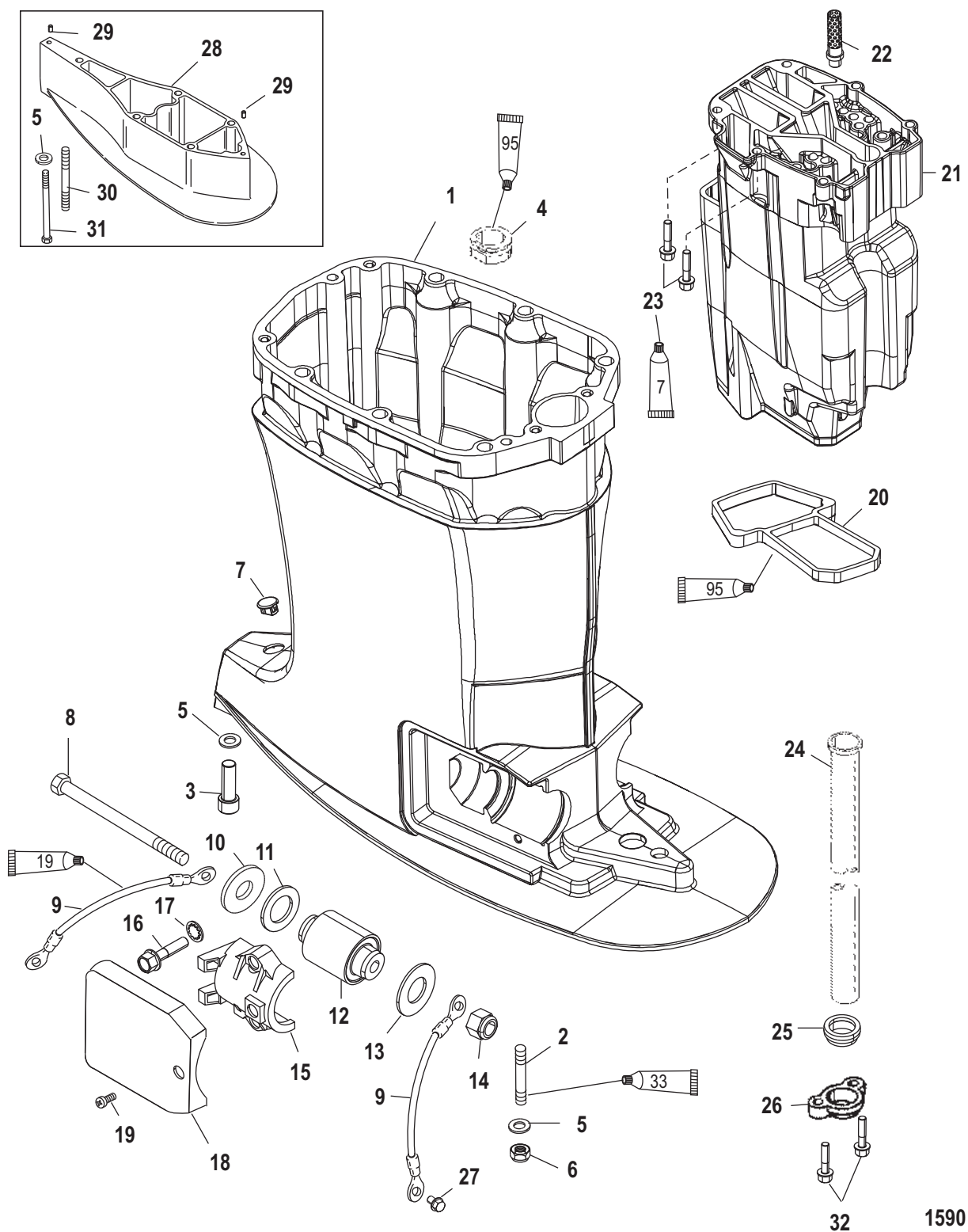


1338

Transom Brackets

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	3426	828334T03	BRACKET ASSEMBLY Transom-Starboard		1	
2	3425	828333T08	BRACKET ASSEMBLY Transom-Port		1	
3	0022	98727	FITTING Grease Port		1	
4	0000	826125A1	TILT TUBE		1	
5	0011	826135	NUT (1.00-14) Nylon Insert		1	
6	0025	45711	O-RING (.612 x .103)		1	
7	0013	88750	WASHER		2	
8	0011	826164	NUT (.875-14)		1	
9	0010	677551	SCREW (.500-20 x 4.500)		4	
9	0010	8M0033366	SCREW (.500-20 x 5 Inches)		4	
10	0012	54012	WASHER (.530 x .870 x .105) Stainless Steel		4	
11	0012	28421	WASHER (1.5 x 3.05 x 0.13) Stainless Steel		4	
12	0011	82671117	NUT (.500-20)		4	
13	0000	99629T2	LEVER ASSEMBLY Tilt Lock		1	
14	0024	830899	SPRING Tension		1	
15	0023	65830	NYLINER		2	
16	0024	830900	SPRING Compression		1	
17	0000	99633	KNOB		1	
18	0017	99615	PIN Groove		1	
19	0017	99617	PIN		1	

Driveshaft Housing and Exhaust Tube

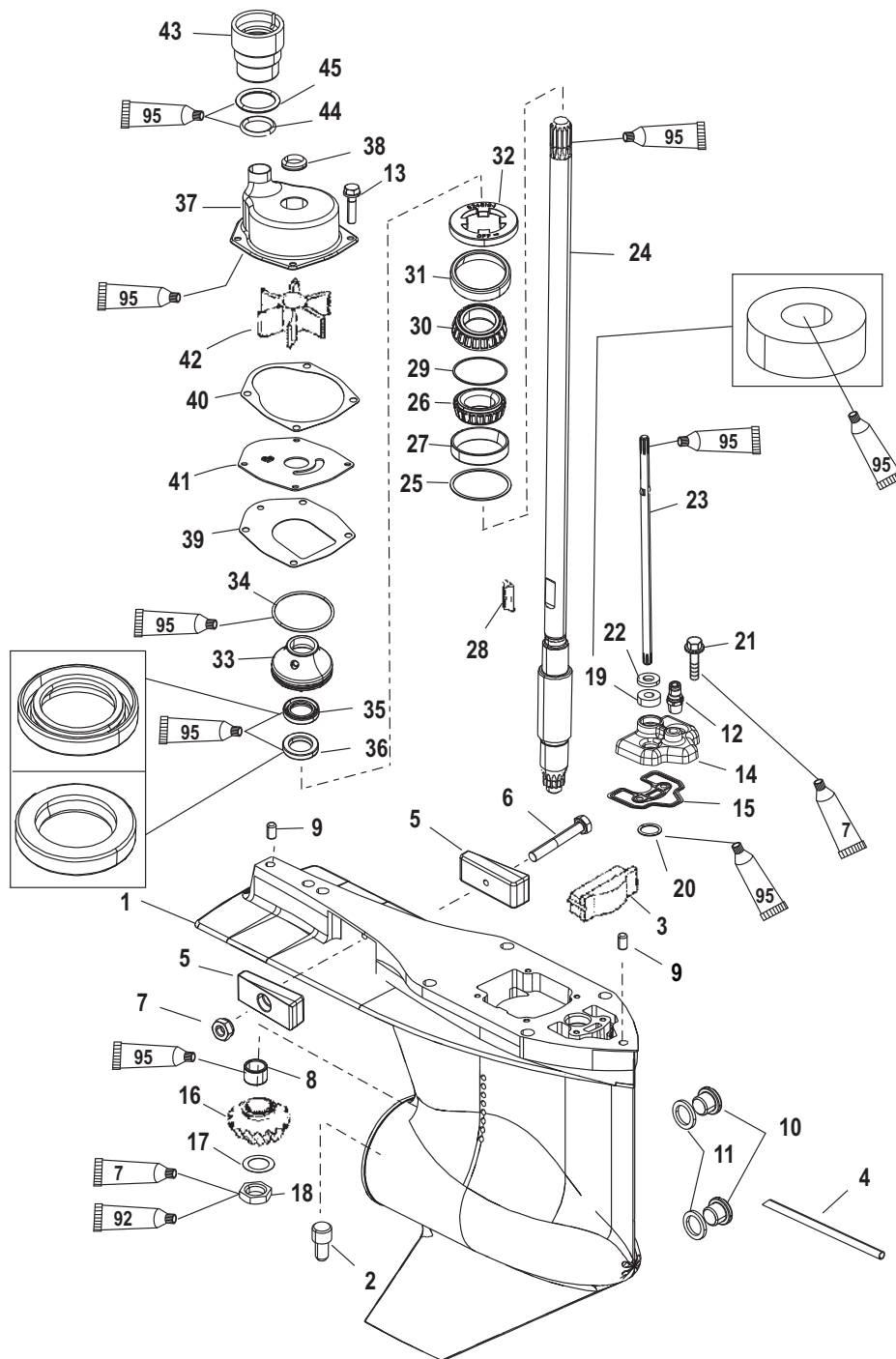


1590

Driveshaft Housing and Exhaust Tube

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	3518	832937A05	HOUSING ASSEMBLY Driveshaft	(Long)	1	
1	3519	832938A5	HOUSING ASSEMBLY Driveshaft	(X/XX-Long)	1	
2	0016	856983	STUD (M12 x 52)	(Long/X-Long)	4	
3	0010	857136	SCREW (M12 x 35 MM)	(Long/X-Long)	1	
4	0025	8331231	GROMMET		1	
5	0012	856982	WASHER (.500 x .810 x .090) Stainless Steel		5	
6	0011	896895	NUT (M12)		4	
7	0019	64649	PLUG		1	
8	0010	898834	BOLT (M14 x 178)		2	
9	0000	88238A10	CABLE ASSEMBLY Ground		2	
10	0012	815432	WASHER (.562 x 2.00 x .125)		2	
11	0012	8154331	WASHER (1.25 x 2.00 x .19)		2	
12	0000	8137711	MOUNT		2	
13	0012	825190	WASHER		2	
14	0011	896602	NUT (M14)		2	
15	0000	8186442	CLAMP		2	
16	0010	81893435	SCREW (M8 x 35)		4	
17	0013	72521	LOCKWASHER Internal Tooth		1	
18	0000	8M0001136	COVER Lower Mount		2	
19	0010	69079	SCREW (#10-16 x .440)		2	
20	0000	8329321	SEAL		1	
21	0000	833116A4	TUBE ASSEMBLY Exhaust		1	
22	0035	8524052	STRAINER		1	
23	0010	81893435	SCREW (M8 x 35)		6	
24	0032	8329417	TUBE Water	(Long)	1	
24	0032	8329418	TUBE Water	(X-Long)	1	
24	0032	8329419	TUBE Water	(XX-Long)	1	
25	0000	832940001	SEAL		1	
26	0000	8329391	CLAMP		1	
27	0010	41508	SCREW (.250-20 x .500) Stainless Steel		1	
28	0000	823979T1	SPACER	(XX-Long)	1	
29	0017	43044	PIN Dowel - Without Hole (.375 x .625)	(XX-Long)	2	
30	0016	857009	STUD (M12 x 179)	(XX-Long)	4	
31	0010	857137	SCREW (M12 x 160)	(XX-Long)	1	
32	0010	81893435	SCREW (M8 x 35)		2	

Gear Housing (Driveshaft)(Standard/Counter Rotation)



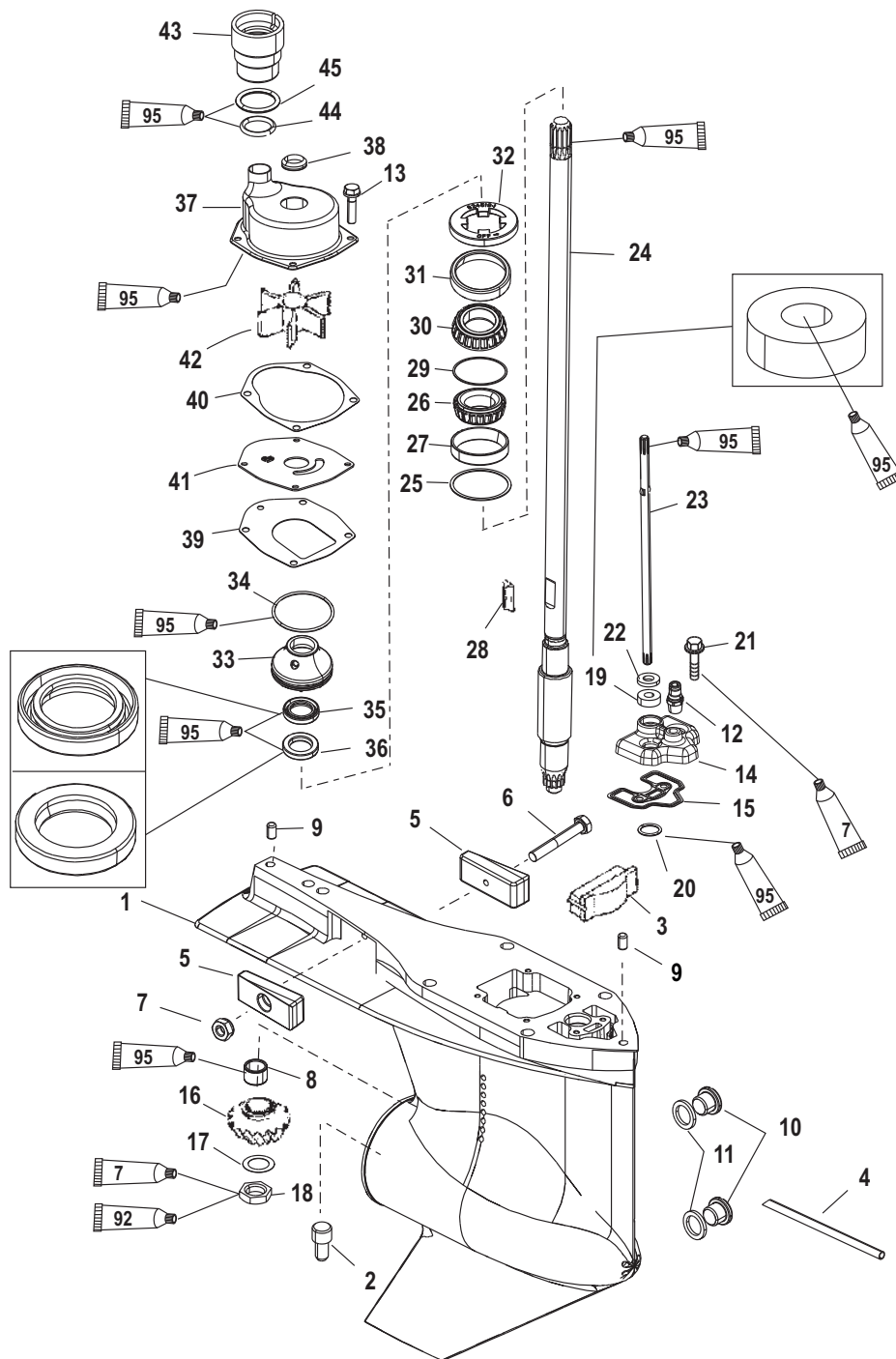
2320

Gear Housing (Driveshaft)(Standard/Counter Rotation)

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	1623	859399T13	GEAR HOUSING ASSEMBLY Complete (4.75 Inch/120.65 mm Torpedo Diameter)	(Standard-Long)	1	[1]
-	1623	859399T14	GEAR HOUSING ASSEMBLY Complete (4.75 Inch/120.65 mm Torpedo Diameter)	(Standard-X-Long)	1	[2]
-	1623	859399T15	GEAR HOUSING ASSEMBLY Complete (4.75 Inch/120.65 mm Torpedo Diameter)	(Standard-XX-Long)	1	[3]
-	1623	859399T16	GEAR HOUSING ASSEMBLY Complete (4.75 Inch/120.65 mm Torpedo Diameter)	(Counter Rotation-X-Long)	1	[4]
-	1623	859399T17	GEAR HOUSING ASSEMBLY Complete (4.75 Inch/120.65 mm Torpedo Diameter)	(Counter Rotation-XX-Long)	1	[5]
1	1623	859399T18	GEAR HOUSING ASSEMBLY Basic		1	
2	0017	379721	PIN		1	
3	0000	821526001	FILLER BLOCK		1	
4	0000	859402	PITOT TUBE		1	
5	0097	826134Q	ANODE		2	[6]
6	0010	4000333	SCREW (M6 x 40)		1	
7	0011	401386	NUT (M6) Stainless Steel		1	
8	0031	42647A1	BEARING ASSEMBLY Roller		1	
9	0017	43044	PIN Dowel - Without Hole (.375 x .625)		2	
10	0010	79953Q2	SCREW KIT (.375-16 x .250) Drain		2	[7]
11	0026	830749	SEAL		2	[8]
12	0022	881866	FITTING		1	
13	0010	1993716	SCREW (M6 x 16)		4	
14	0000	858934	COVER		1	
15	0027	858935	GASKET		1	[8]
16		NSS	NOT SOLD SEPARATE Pinion Gear (1.75:1 - 12/21)(Part of 43-859321A3 or 43-828695A1)		1	
17	0012	92721	WASHER		1	
18	0011	35921	NUT (.625-18)		1	
19	0026	8164641	SEAL Oil		1	[8]
20	0025	896522	O-RING (799 x .103)		1	[8]
21	0010	1993716	SCREW (M6 x 16)		2	
22	0012	77674	WASHER		1	
23	0000	824145	SHIFT SHAFT		1	
24	0045	881938	DRIVESHAFT	(Long)	1	
24	0045	881942	DRIVESHAFT	(X-Long)	1	
24	0045	881943	DRIVESHAFT	(XX-Long)	1	
25	0015	38657A1	SHIM ASSEMBLY		AR	
26	0031	48939A2	BEARING Tapered Roller		1	
27		NSS	NOT SOLD SEPARATE Cup		1	
28	0028	43037	KEY		1	[9]

Gear Housing (Driveshaft)(Standard/Counter Rotation)

Gear Housing (Driveshaft)(Standard/Counter Rotation)



2320

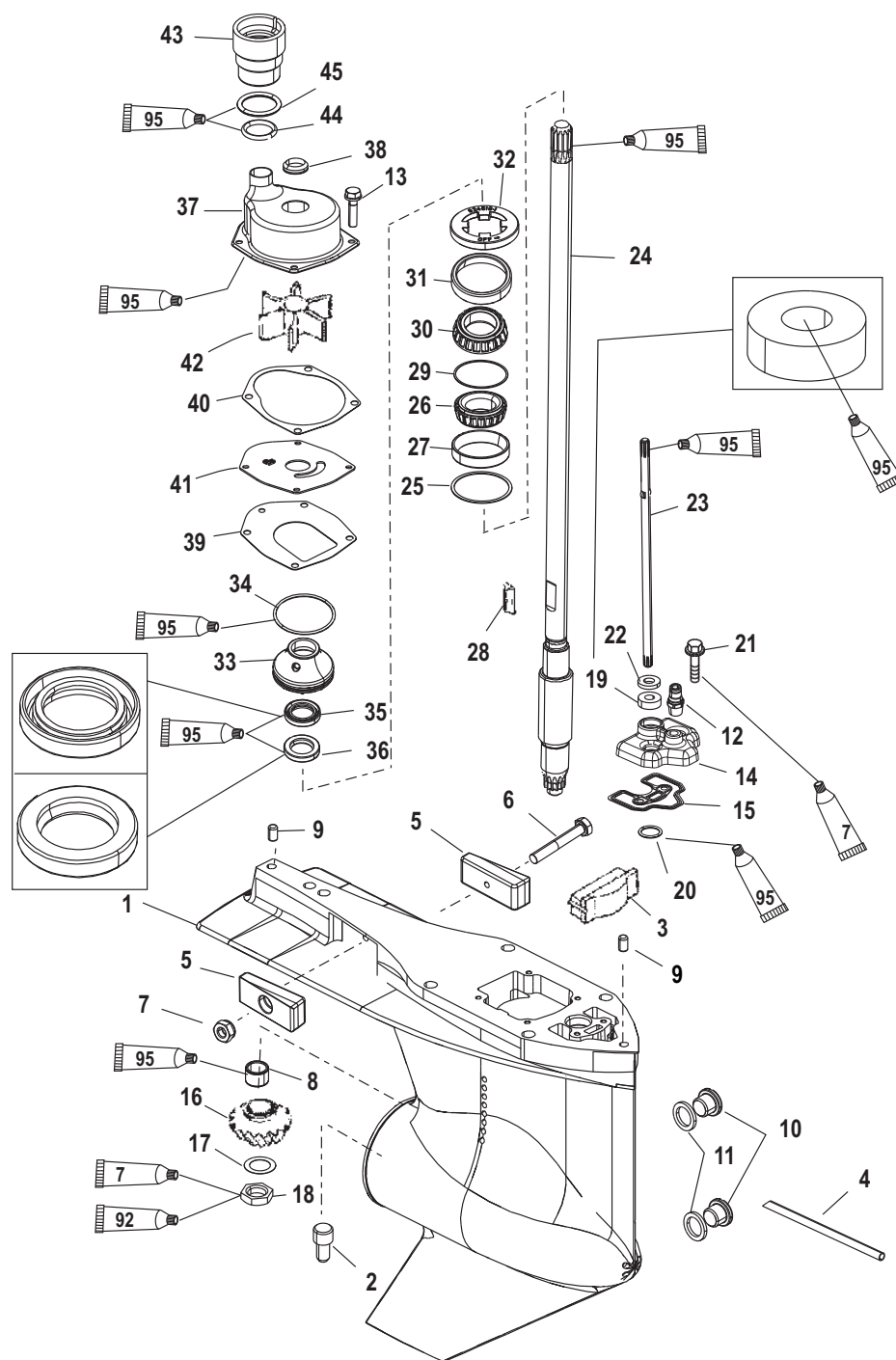
Gear Housing (Driveshaft)(Standard/Counter Rotation)

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
29	0015	42637A1	SHIM SET		AR	
30	0031	36387A1	BEARING ASSEMBLY Roller/Cup		1	
31		NSS	NOT SOLD SEPARATE Cup		1	
32	0000	8245191	RETAINER		1	
33	0000	807929A1	CARRIER ASSEMBLY		1	[9]
34	0025	896523	O-RING (2.175 x .103)	(Black)	1	[10]
35	0026	66302	SEAL Oil		1	[10]
36	0026	66302	SEAL Oil		1	[10]
37	0000	817275A2	HOUSING KIT Upper Water Pump		1	[9]
38	0026	816575A2	SEAL KIT		1	[10]
39	0027	430331	GASKET		1	[10]
40	0027	8172771	GASKET		1	[10]
41	0000	8172761	FACEPLATE		1	[9]
42	0047	43026T2	IMPELLER		1	[11]
43	0000	832942A1	COUPLING ASSEMBLY		1	
44	0025	21836	O-RING (.796 x .139)		1	[10]
45	0025	35027	O-RING (1.046)		1	[10]
-	0000	817275A5	REBUILD KIT Water Pump		1	
-	0026	816575A4	SEAL KIT Gear Housing		1	
-	0047	43026Q06	REPAIR KIT Water Pump Impeller		1	[12]

PART NOTES:

- [1] - Alternate part numbers:
859399R13Reman
859399T13QS
- [2] - Alternate part numbers:
859399R14Reman
859399T14QS
- [3] - Alternate part numbers:
859399R15Reman
859399T15QS
- [4] - Alternate part numbers:
859399R16Reman
859399T16QS
- [5] - Alternate part numbers:
859399R17Reman
859399T17QS

Gear Housing (Driveshaft)(Standard/Counter Rotation)

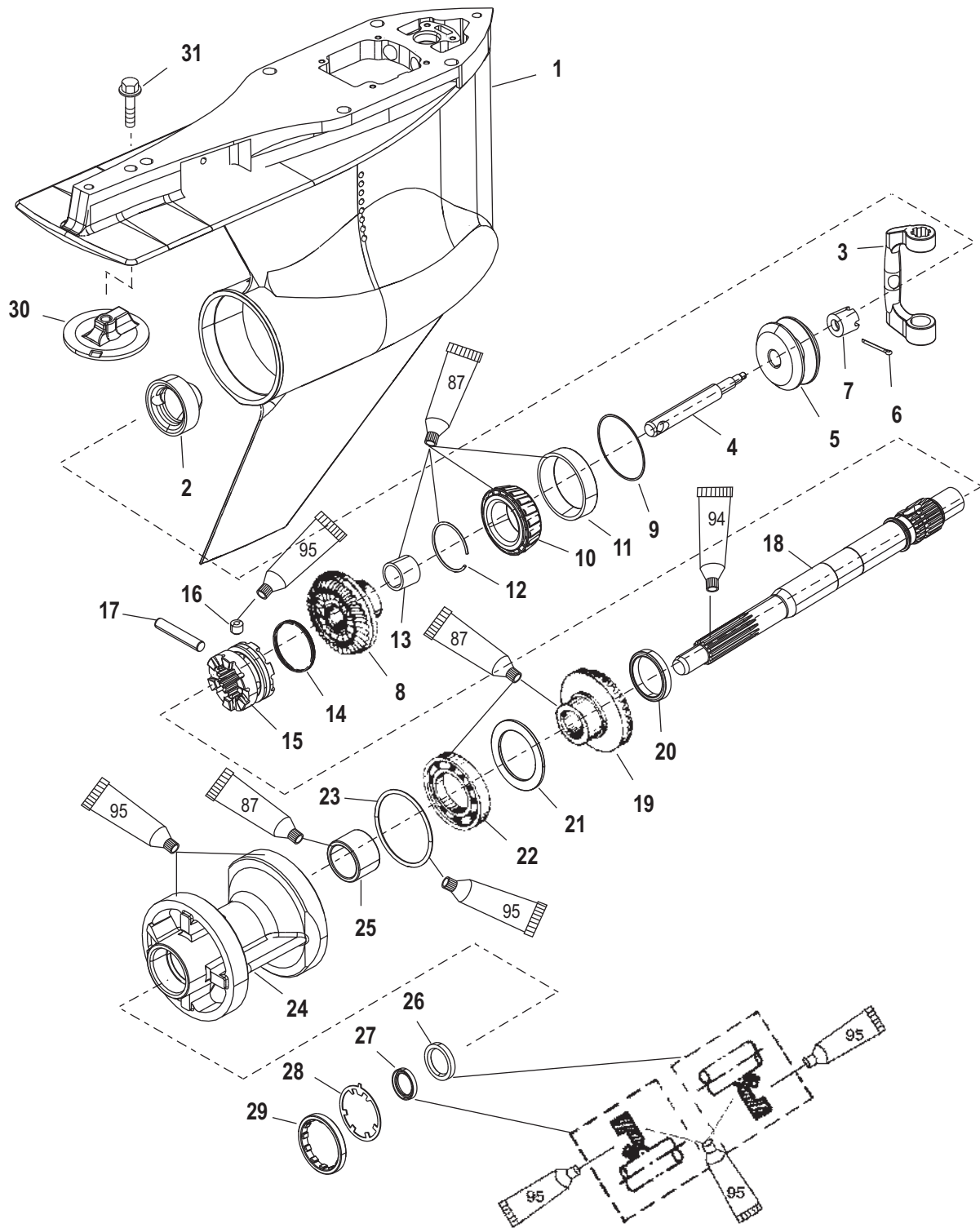


2320

Gear Housing (Driveshaft)(Standard/Counter Rotation)

- [6] - Alternate part numbers:
 - 826134Service Part
 - 826134QQS
 - 826134TMPP
 - 826134T 3Magnesium
 - 8M0059344Bulk Pack
- [7] - Alternate part numbers:
 - 79953Q 2QS
 - 79953T 2MPP
- [8] - COMPONENT OF GEAR HOUSING SEAL KIT 816575A 4
- [9] - COMPONENT OF WATER PUMP REPAIR KIT 817275A 5
- [10] - COMPONENT OF GEAR HOUSING SEAL KIT 816575A 4
COMPONENT OF WATER PUMP REPAIR KIT 817275A 5
- [11] - Alternate part numbers:
 - 43026Q02QS
 - 43026T 2Service Part
 - COMPONENT OF WATER PUMP REPAIR KIT 817275A 5
- [12] - Alternate part numbers:
 - 43026K06MPP
 - 43026Q06QS
 - 43026T11Service Part

Gear Housing Propeller Shaft - Standard Rotation

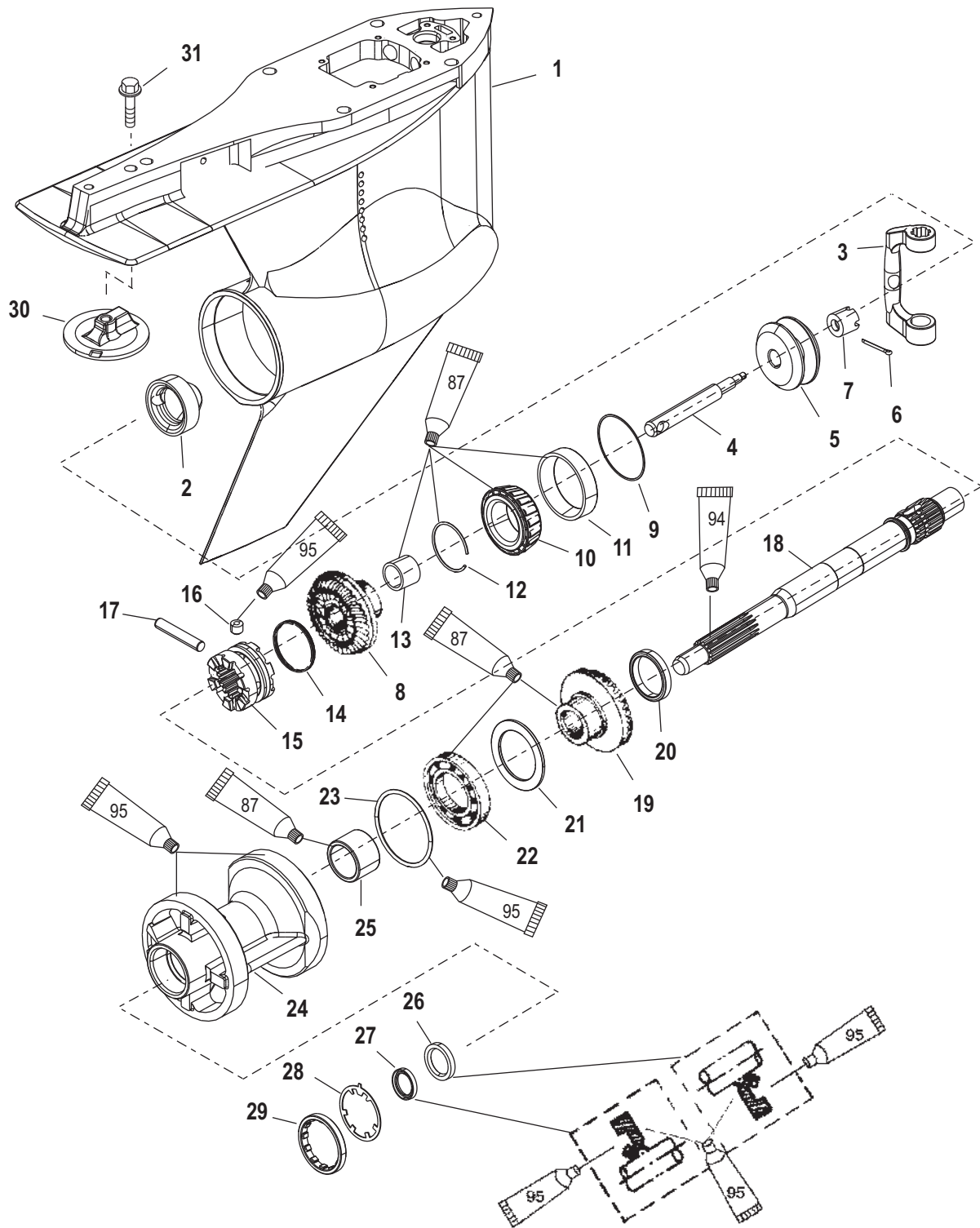


1324

Gear Housing Propeller Shaft - Standard Rotation

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	1623	859399T13	GEAR HOUSING ASSEMBLY Complete (4.75 Inch/120.65 mm Torpedo Diameter)	(Long)	1	[1]
-	1623	859399T14	GEAR HOUSING ASSEMBLY Complete (4.75 Inch/120.65 mm Torpedo Diameter)	(X-Long)	1	[2]
-	1623	859399T15	GEAR HOUSING ASSEMBLY Complete (4.75 Inch/120.65 mm Torpedo Diameter)	(XX-Long)	1	[3]
1	1623	859399T18	GEAR HOUSING ASSEMBLY Basic		1	
2	0022	859403	PLUG		1	
3	0000	823903	SHIFT CRANK		1	
4	0000	19755T7	SPOOL ASSEMBLY		1	
5		NSS	NOT SOLD SEPARATE Shift Spool		1	
6	0018	469501	COTTER PIN		1	
7		NSS	NOT SOLD SEPARATE Sleeve		1	
8	0043	859321A3	GEAR SET Forward/Pinion (12/21)		1	
9	0015	44491A1	SHIM SET		AR	
10	0031	30894A1	BEARING SET Cup And Cone		1	
11		NSS	NOT SOLD SEPARATE Cup		1	
12	0053	856823	RING Retaining		1	
13	0031	30895T	BEARING Needle		1	
14	0024	30893	SPRING		1	
15	0052	859340T	CLUTCH		1	
16	0017	828356	PIN Detent		1	
17	0017	30632	PIN Cross		1	
18	0044	824110	PROPELLER SHAFT		1	
19	0043	859322A1	GEAR Reverse (12/21)		1	
20	0023	824108	SPACER		1	
21	0000	681001	RING Thrust		1	
22	0030	88957T	BEARING Ball		1	
23	0025	896524	O-RING (3.850 x .210)		1	[4]
24	0000	818763T11	CARRIER ASSEMBLY Bearing		1	
25	0031	30956T	BEARING Needle		1	
26	0026	14077	SEAL Oil (Inside)		1	[4]
27	0026	76868	SEAL (Outside)		1	[4]
28	0014	18323	TAB WASHER		1	
29	0000	79448	RETAINER		1	
30	0097	76214Q5	ANODE KIT		1	[5]
31	0010	806327	SCREW (.437-14 x 1.750)		1	
-		NS	NOT SHOWN See Accessory Guide-Propellers-For Appropriate Hardware. (Thrust Washers/Nuts)		1	
-	0026	816575A4	SEAL KIT Gear Housing		1	

Gear Housing Propeller Shaft - Standard Rotation



1324

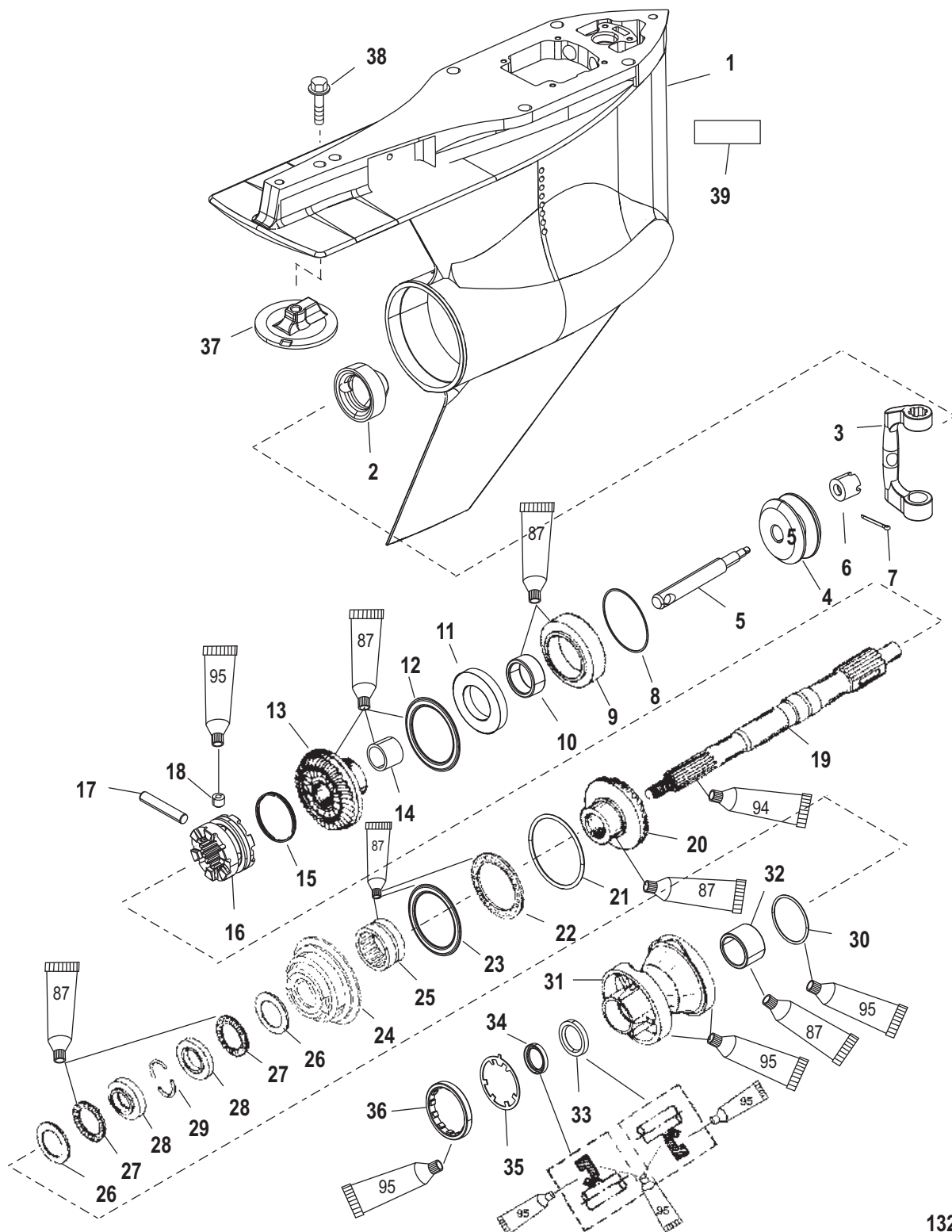
Gear Housing Propeller Shaft - Standard Rotation

Gear Housing Propeller Shaft - Standard Rotation

PART NOTES:

- [1] - Alternate part numbers:
859399R13Reman
859399T13QS
- [2] - Alternate part numbers:
859399R14Reman
859399T14QS
- [3] - Alternate part numbers:
859399R15Reman
859399T15QS
- [4] - COMPONENT OF GEAR HOUSING SEAL KIT 816575A 4
- [5] - Alternate part numbers:
76214 5Service Part
76214A 6Magnesium
76214Q 5QS
76214T 5MPP
8M0059339Bulk Pack

Gear Housing Propeller Shaft - Counter Rotation



1325

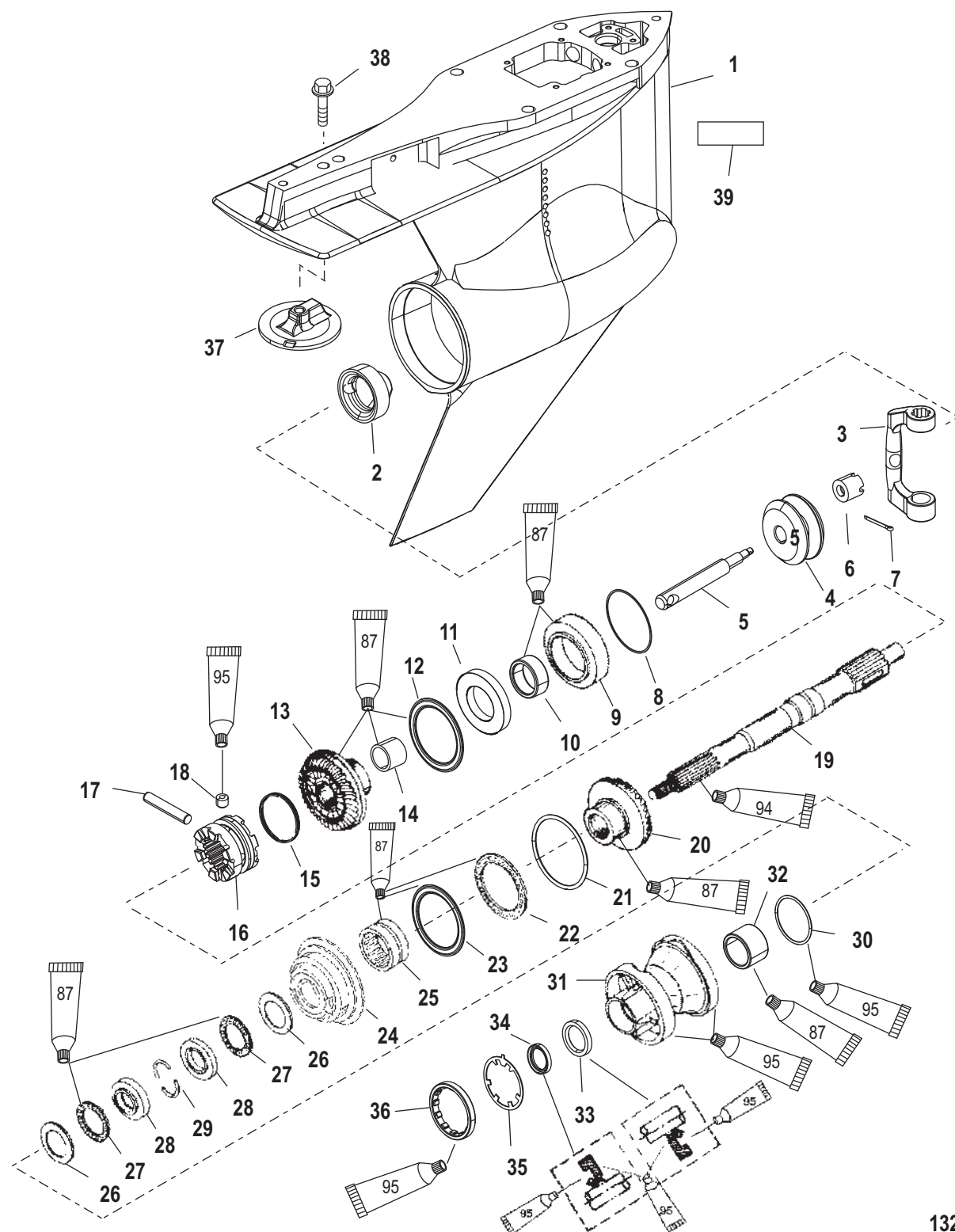
Gear Housing Propeller Shaft - Counter Rotation

Gear Housing Propeller Shaft - Counter Rotation

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	1623	859399T16	GEAR HOUSING ASSEMBLY Complete (4.75 Inch/120.65 mm Torpedo Diameter)	(X-Long)	1	[1]
-	1623	859399T17	GEAR HOUSING ASSEMBLY Complete (4.75 Inch/120.65 mm Torpedo Diameter)	(XX-Long)	1	[2]
1	1623	859399T18	GEAR HOUSING ASSEMBLY Basic		1	
2	0022	859403	PLUG		1	
3	0000	823903	SHIFT CRANK		1	
4	0000	19755T7	SPOOL ASSEMBLY		1	
5		NSS	NOT SOLD SEPARATE Spool		1	
6		NSS	NOT SOLD SEPARATE Sleeve		1	
7	0018	469501	COTTER PIN		1	
8	0015	44491A1	SHIM SET		AR	
9	0000	828830A2	ADAPTER ASSEMBLY Bearing		1	
10	0031	814653T	BEARING ASSEMBLY Needle Rollers		1	
11	0012	815481	THRUST WASHER		1	
12	0031	815480	BEARING Thrust		1	
13	0043	828696T2	GEAR Reverse (12/21)		1	
14	0031	15844	BEARING ASSEMBLY Roller		1	
15	0024	30893	SPRING		1	
16	0052	859340T	CLUTCH		1	
17	0017	30632	PIN Cross		1	
18	0017	828356	PIN Detent		1	
19	0044	824111	PROPELLER SHAFT		1	
20	0043	828695A1	GEAR SET Forward/Pinion (12/21)		1	
21	0023	1761514	SPACER SHIM (.206)		AR	
21	0023	1761515	SPACER SHIM (.208)		AR	
21	0023	1761516	SPACER SHIM (.210)		AR	
21	0023	1761517	SPACER SHIM (.212)		AR	
21	0023	1761518	SPACER SHIM (.214)		AR	
21	0023	1761519	SPACER SHIM (.216)		AR	
21	0023	1761520	SPACER SHIM (.218)		AR	
21	0023	1761521	SPACER SHIM (.220)		AR	
21	0023	1761522	SPACER SHIM (.222)		AR	
21	0023	1761523	SPACER SHIM (.224)		AR	
21	0023	1761524	SPACER SHIM (.226)		AR	
21	0023	1761525	SPACER SHIM (.228)		AR	
21	0023	1761526	SPACER SHIM (.230)		AR	
22	0031	815480	BEARING Thrust		1	
23	0012	815481	THRUST WASHER		1	
24	0000	828831A3	ADAPTER ASSEMBLY Bearing		1	
25	0031	814653T	BEARING ASSEMBLY Needle Rollers		1	
26	0012	18448	THRUST WASHER		2	
27	0031	15842	BEARING Thrust		2	

Gear Housing Propeller Shaft - Counter Rotation

Gear Housing Propeller Shaft - Counter Rotation



1325

Gear Housing Propeller Shaft - Counter Rotation

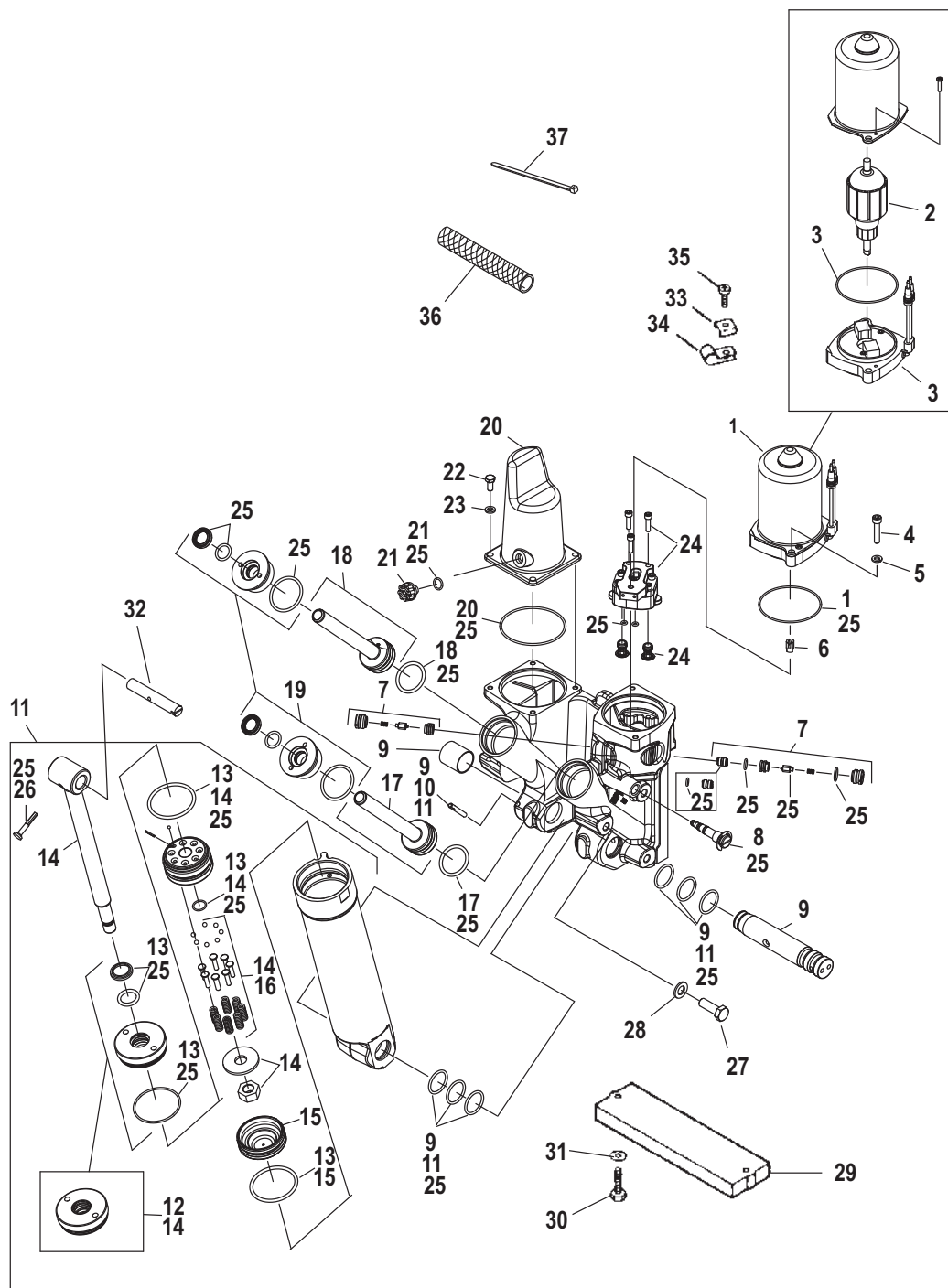
Gear Housing Propeller Shaft - Counter Rotation

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
28	0000	8182911	RACE Thrust		2	
29	0000	814605	KEEPER		2	
30	0025	896524	O-RING (3.850 x .210)		1	[3]
31	0000	818290T8	CARRIER ASSEMBLY Bearing		1	
32	0031	30956T	BEARING Needle		1	
33	0026	14077	SEAL Oil (Inside)		1	[3]
34	0026	76868	SEAL (Outside)		1	[3]
35	0014	18323	TAB WASHER		1	
36	0000	79448	RETAINER		1	
37	0097	76214Q5	ANODE KIT		1	[4]
38	0010	806327	SCREW (.437-14 x 1.750)		1	
39		NSS	NOT SOLD SEPARATE Decal-Counter Rotation		1	
-		NS	NOT SHOWN See Accessory Guide-Propellers-For Appropriate Hardware. (Thrust Washers/Nuts)		1	
-	0026	816575A4	SEAL KIT Gear Housing		1	

PART NOTES:

- [1] - Alternate part numbers:
859399R16Reman
859399T16QS
- [2] - Alternate part numbers:
859399R17Reman
859399T17QS
- [3] - COMPONENT OF GEAR HOUSING SEAL KIT 816575A 4
- [4] - Alternate part numbers:
76214 5Service Part
76214A 6Magnesium
76214Q 5QS
76214T 5MPP
8M0059339Bulk Pack

Power Trim Components Metal Motor Housing

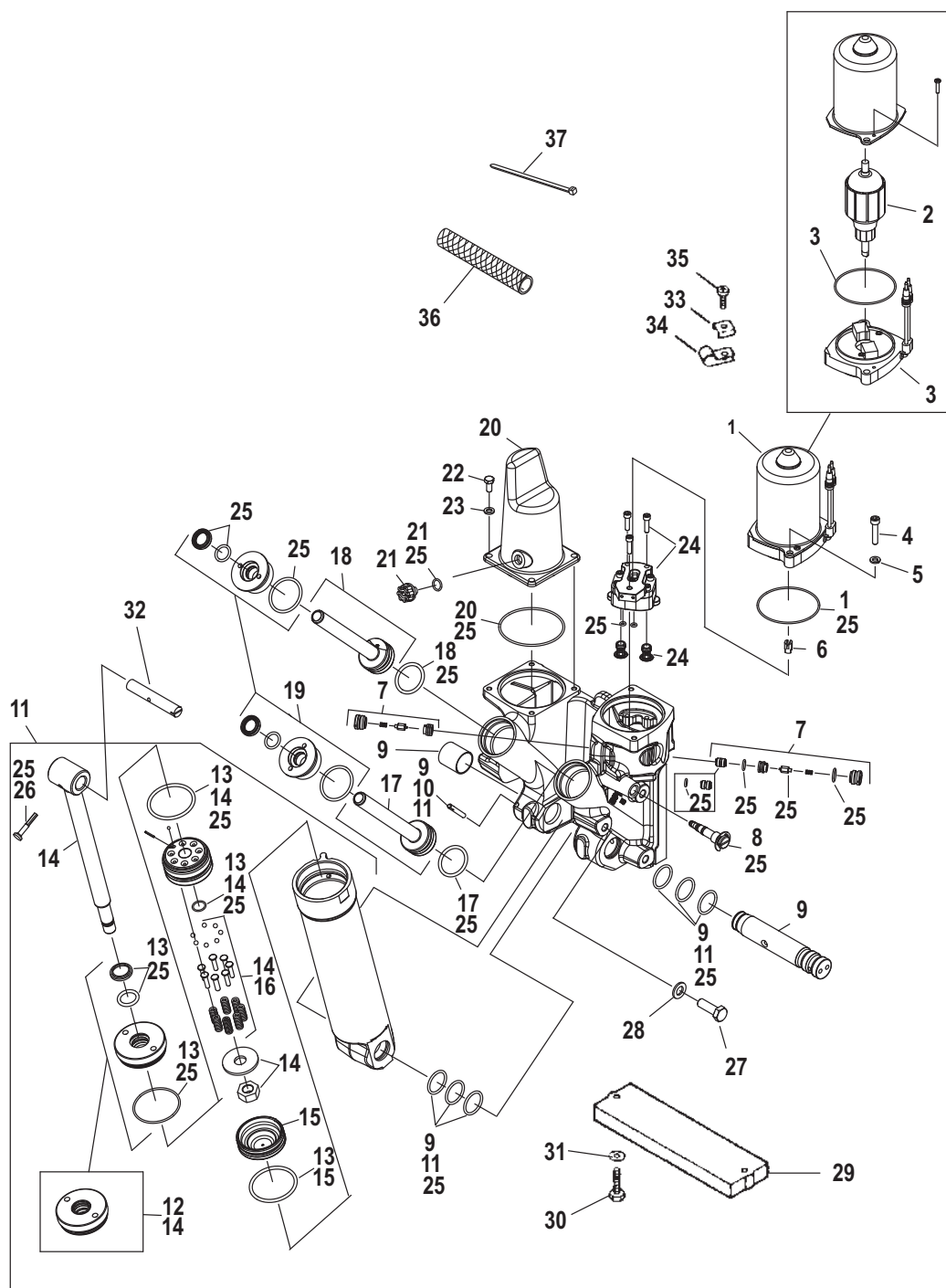


1337

Power Trim Components Metal Motor Housing

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	855998A05	POWER TRIM ASSEMBLY Complete	Metal Motor Housing	1	
1	0000	878265A4	TRIM MOTOR		1	
2		NSS	NOT SOLD SEPARATE Armature		1	
3		NSS	NOT SOLD SEPARATE End Frame		1	
4	0010	82494830	SCREW (M6 x 30)		2	
5	0013	400256	LOCKWASHER (M6)		2	
6	0000	8782451	DRIVESHAFT		1	
7	0000	878410A1	PO CHECK KIT		1	
8	0000	813442A2	MANUAL RELEASE ASSEMBLY (Includes Reference #26)		1	
9	0000	878241A02	SHAFT KIT		1	
10	0017	878267	PIN		1	
11	0000	878235A02	TILT CYLINDER ASSEMBLY		1	
12	0000	878239A1	GUIDE KIT (Includes Reference #26)		1	
13	0000	878409A1	O-RING KIT (Includes Reference #26)		1	
14	0000	878412A1	SHOCK ROD KIT (Includes Reference #26)		1	
15	0000	878242A1	PISTON ASSEMBLY Memory		1	
16	0000	878406A1	REPAIR KIT Check Valve (Includes Reference #26)		1	
17	0000	878414A1	PISTON ASSEMBLY		1	
18	0000	878413A1	PISTON ASSEMBLY		1	
19	0000	878243A1	GUIDE ASSEMBLY		2	
20	0000	878264A1	RESERVOIR KIT		1	
21	0019	811613	PLUG ASSEMBLY		1	
22	0010	4000327	SCREW (M6 x 14)		4	
23	0012	43450	WASHER		4	
24	0000	892251A01	PUMP KIT		1	
25	0000	878408A1	REPAIR KIT Power Trim		1	
26	0017	821539	PIN Trilobe		1	
27	0010	858771	SCREW (M10 x 30)		6	
28	0012	4002319	WASHER		6	
29	0097	818298Q1	ANODE KIT		1	[1]
30	0010	4000330	SCREW (M6 x 25)		2	
31	0012	29245	WASHER (.281 x .500 x .060) Stainless Steel		2	
32	0000	99625002	SHAFT		1	
33	0000	69205	C WASHER		1	
34	0054	26550	CLAMP		2	
35	0010	878609	SCREW (#10-16 x .600)		1	
36	0032	828547353	CONDUIT (.350 Inside Diameter x 3.00 Feet Bulk) (Cut to 12 Inches)		1	
37	0054	816311T	TIE STRAP (8.00 Inches)		1	

Power Trim Components Metal Motor Housing



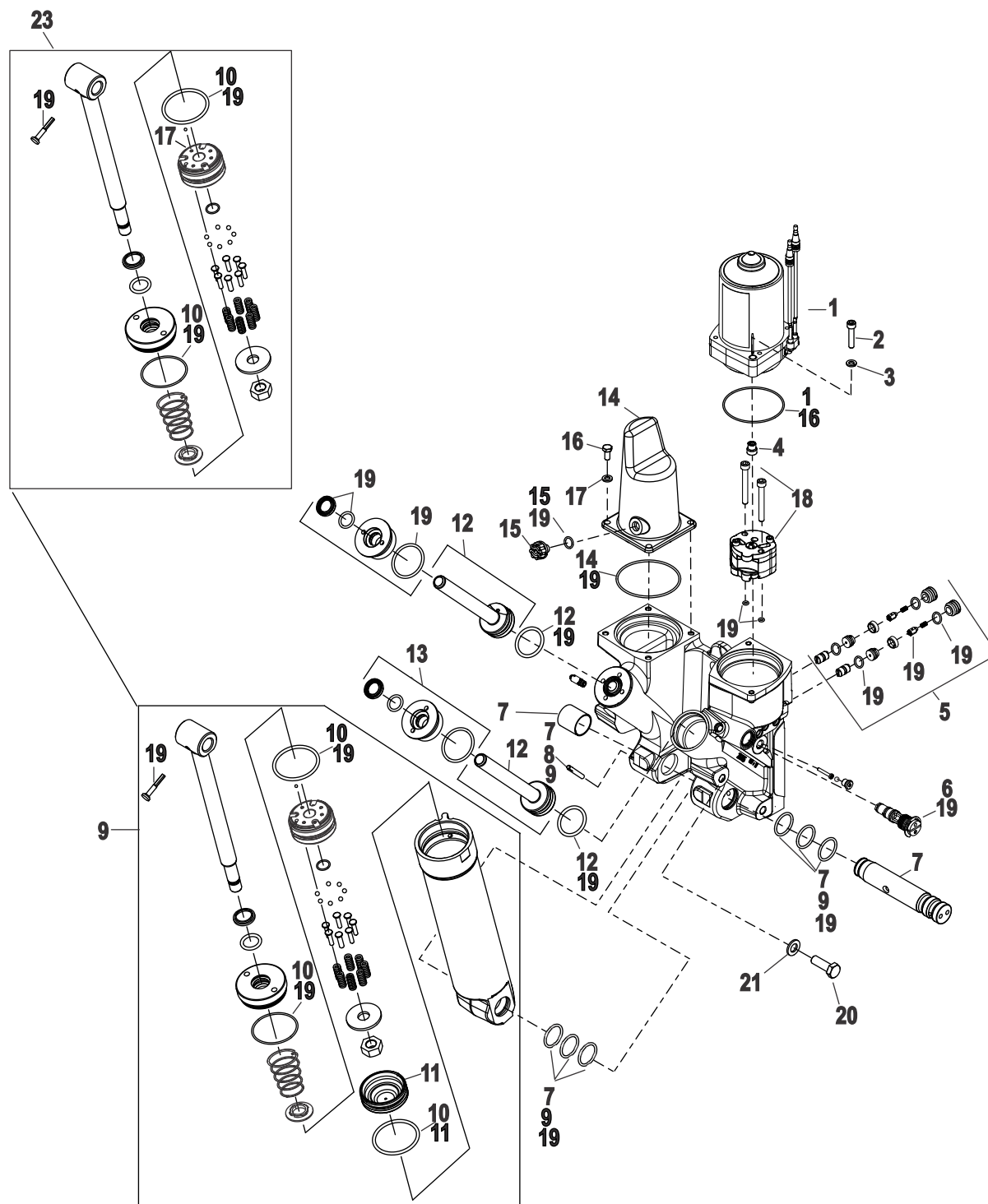
1337

Power Trim Components Metal Motor Housing

PART NOTES:

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

Power Trim Components Plastic Motor Housing

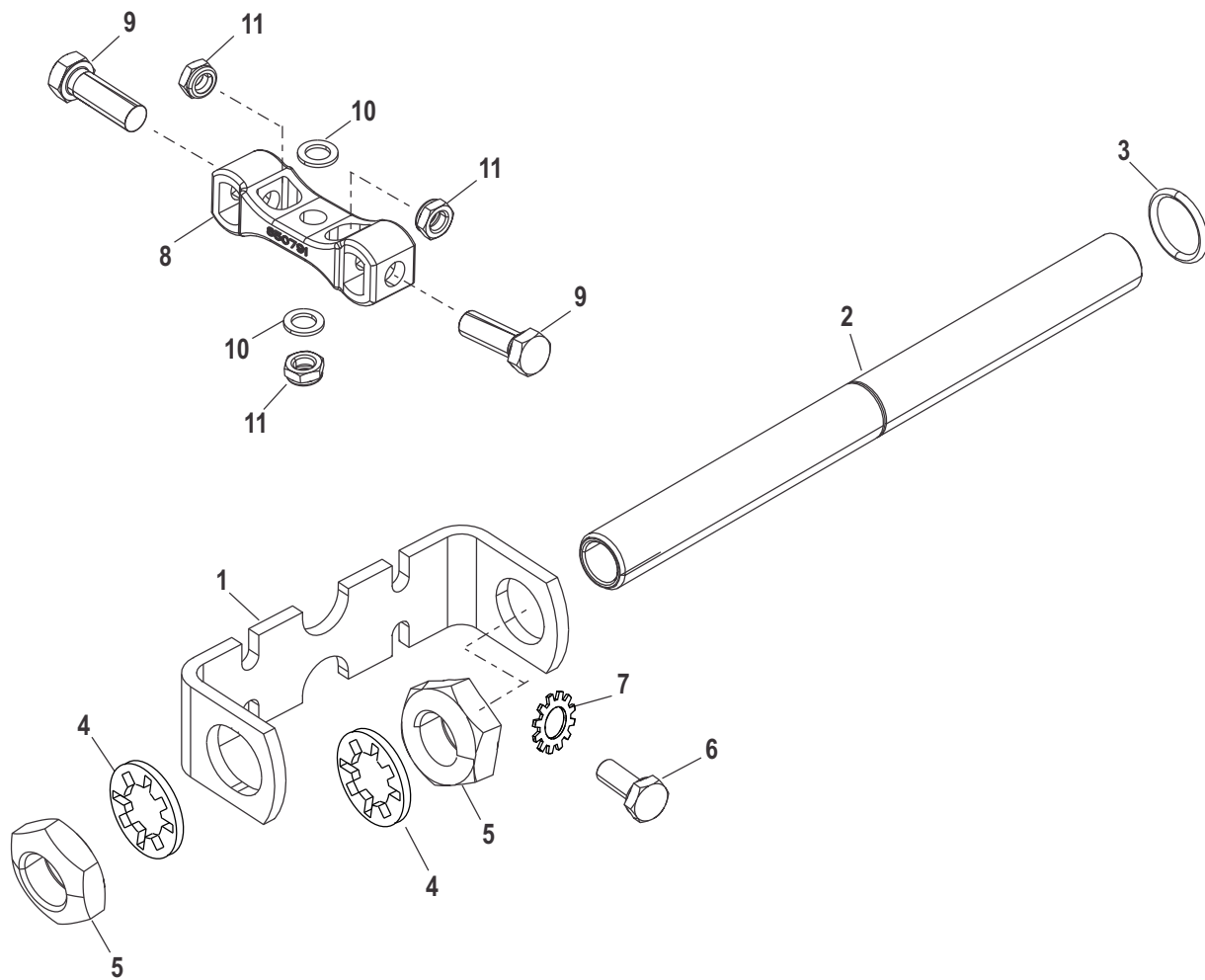


70800

Power Trim Components Plastic Motor Housing

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

Dual Cable Attaching Kit

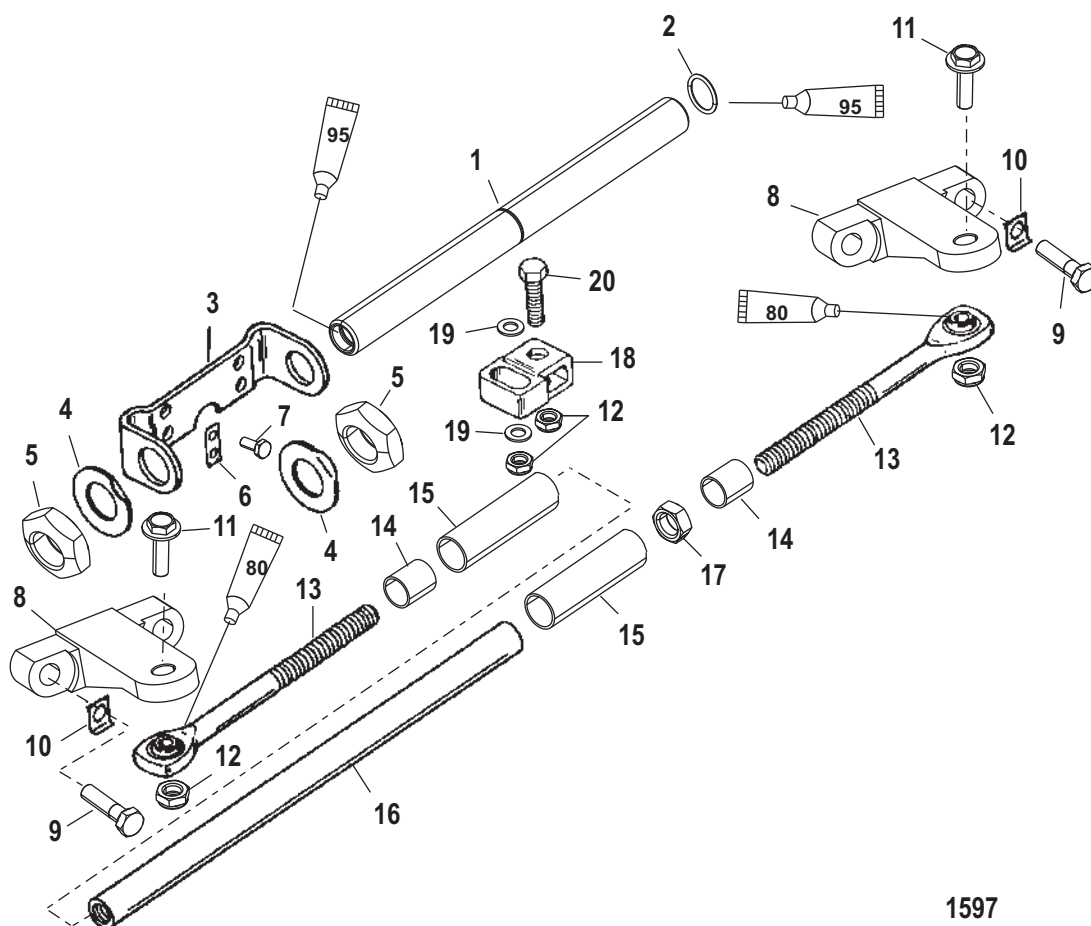


1529

Dual Cable Attaching Kit

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	92876A8	ATTACHING KIT Steering		1	
1	0000	41055A1	BRACKET ASSEMBLY		1	
2	0000	715651	TUBE Steering Cable		1	
3	0025	48462	O-RING (.614 x .070)		1	
4	0013	821203	LOCKWASHER		2	
5	0011	8M0041651	NUT (.875-14)		2	
6	0010	38601	SCREW (.250-28 x 1.250)		4	
7	0013	78968	LOCKWASHER Internal (.250)		4	
8	0000	850791T	COUPLER		1	
9	0010	73732	SCREW (.375-24 x 1.120)		2	
10	0012	37828	WASHER (.390 x .625 x .062) Stainless Steel		2	
11	0011	826709113	NUT (.375-24) Stainless Steel		3	

Dual Engine Tie Bar Kit

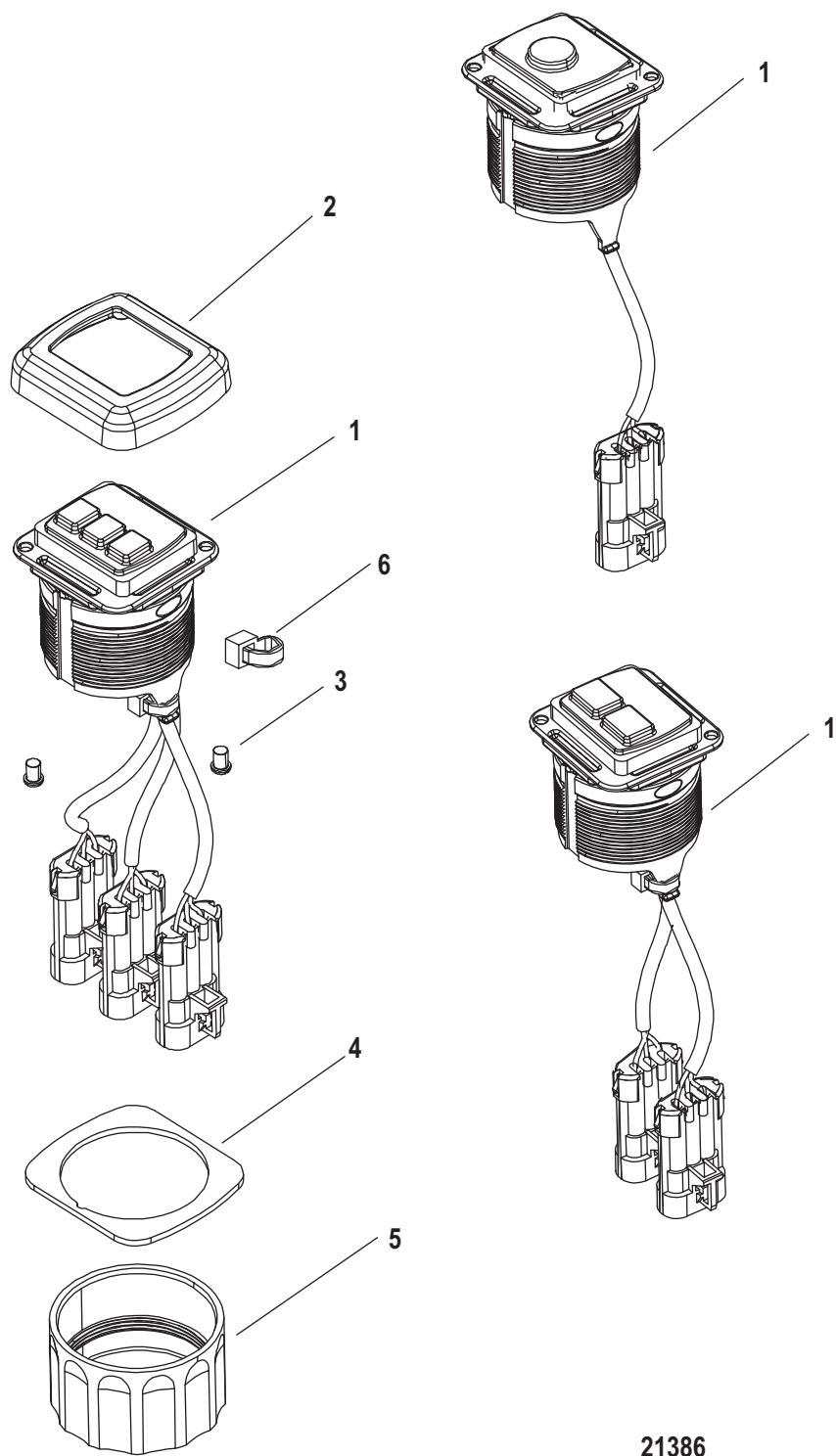


1597

Dual Engine Tie Bar Kit

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	92876A9	EXTENSION KIT Dual Engine		1	
1	0000	71565A2	TUBE ASSEMBLY		1	
2	0025	48462	O-RING (.614 x .070)		1	
3	0000	41055	MOUNT		1	
4	0014	42100	TAB WASHER		2	
5	0011	37984	NUT (.875-14)		2	
6	0000	88404	TAB WASHER		2	
7	0010	38601	SCREW (.250-28 x 1.250)		4	
8	0000	17729A1	BRACKET		2	
9	0010	62055	SCREW (.312-24 x 1.250)		4	
10	0000	17728	TAB WASHER		4	
11	0010	140001	SCREW (.375-24 x 1.38)		2	
12	0011	826709113	NUT (.375-24) Stainless Steel		6	
13	0000	8M0026167	STEERING EYE		2	
14	0023	23651	SLEEVE (1.625)		2	
15	0000	97931	TUBING (4.00 Inches)		2	
16	0000	8M0026098	COUPLER 15 In.		1	
17	0011	42099	NUT (.562-18)		1	
18	0022	821169	COUPLING		1	
19	0012	34931	WASHER (.406 x .734 x .063) Stainless Steel		1	
19	0012	37828	WASHER (.390 x .625 x .062) Stainless Steel		1	
20	0010	94319	SCREW (.375-24 x 1.5)		1	

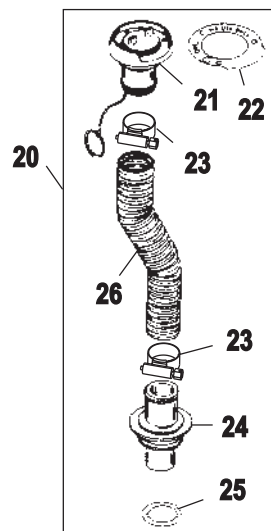
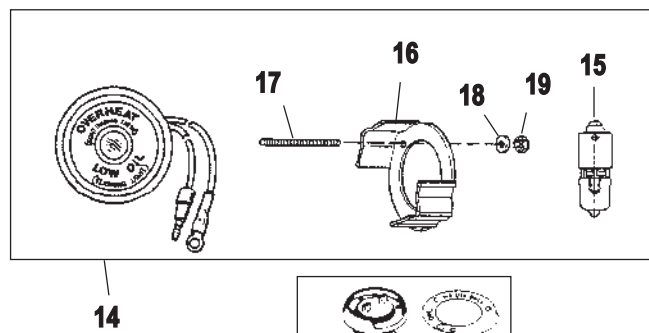
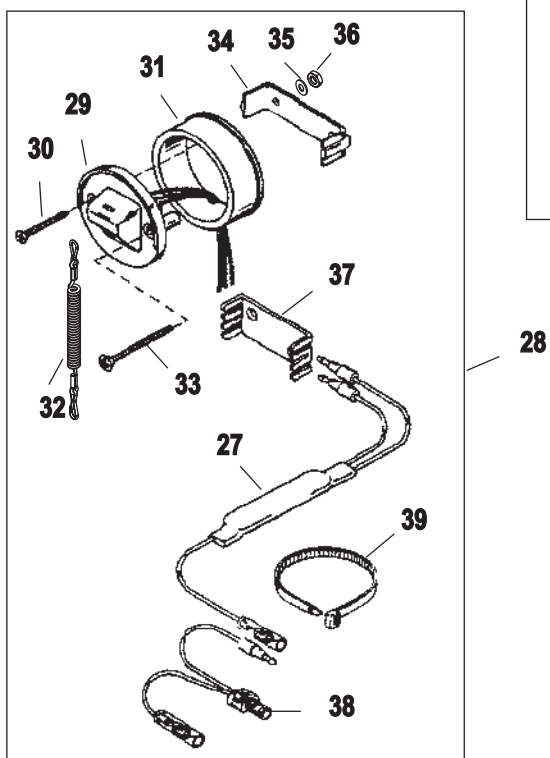
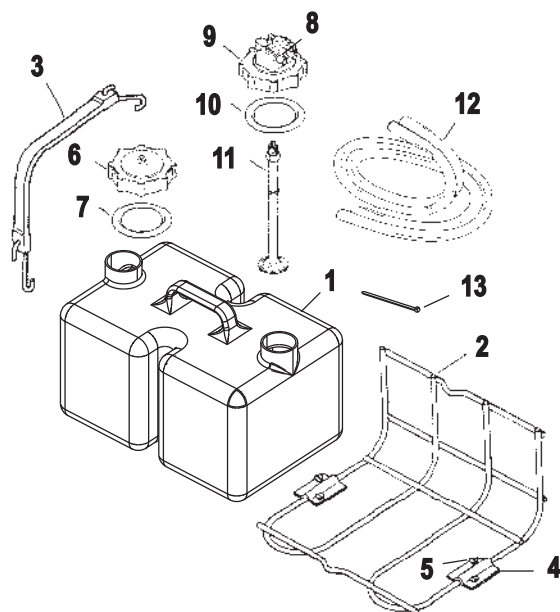
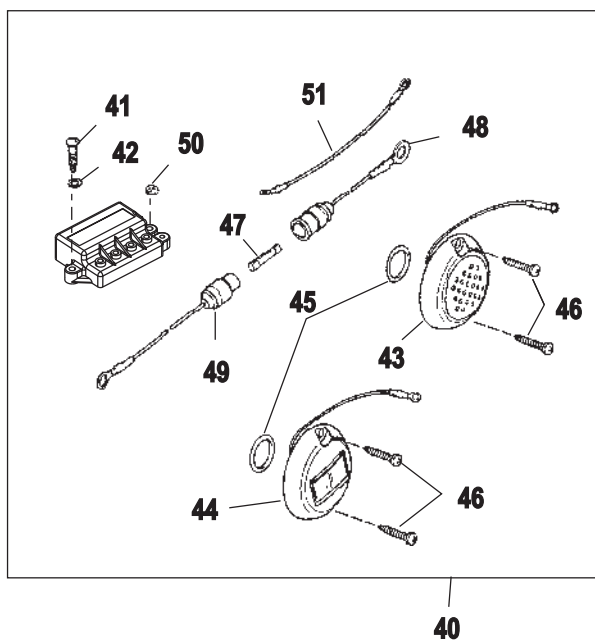
Start/Stop Switch Kit



Start/Stop Switch Kit

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	887767K03	SWITCH KIT Start/Stop - Triple		1	
1		NSS	NOT SOLD SEPARATE Start/Stop Pad and Base		1	
2	0000	891633T01	BEZEL		1	
3	0010	892927T	SCREW (#6-32 x .250)		4	
4	0027	892218	GASKET		1	
5	0011	879900	NUT (52 mm)		1	
6	0054	850181	TIE STRAP (11.750 Inches)		1	

Accessories

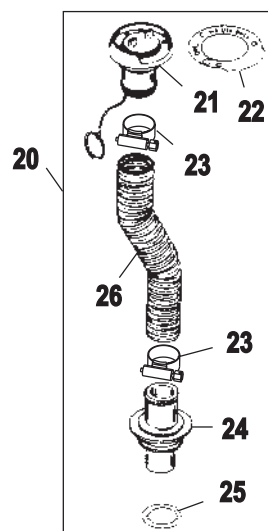
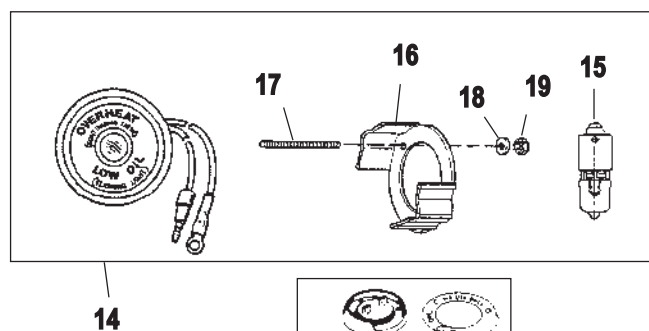
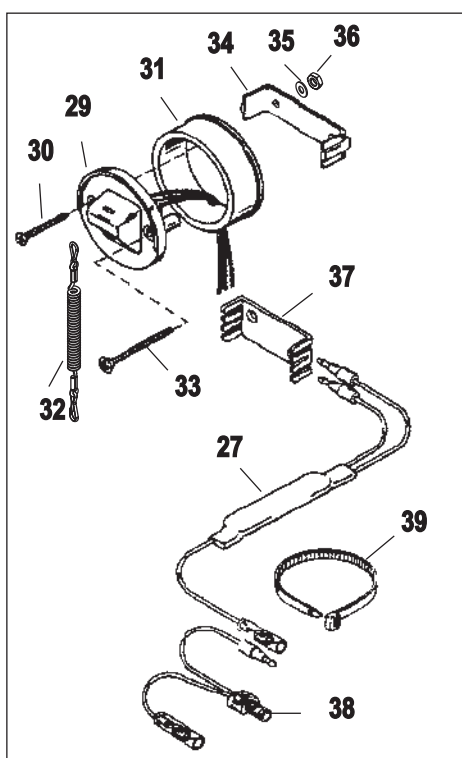
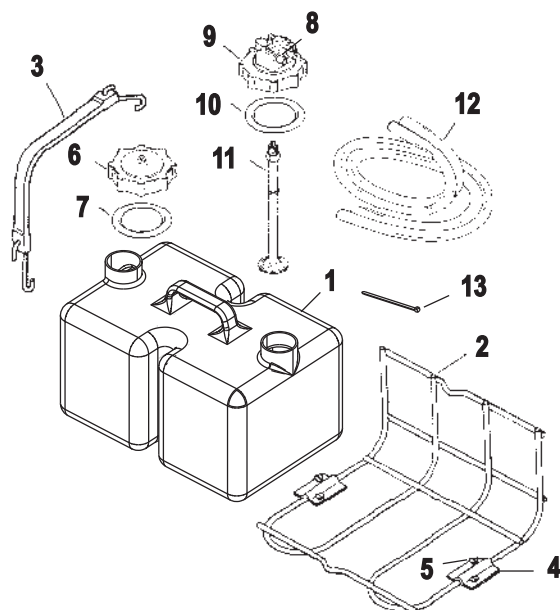
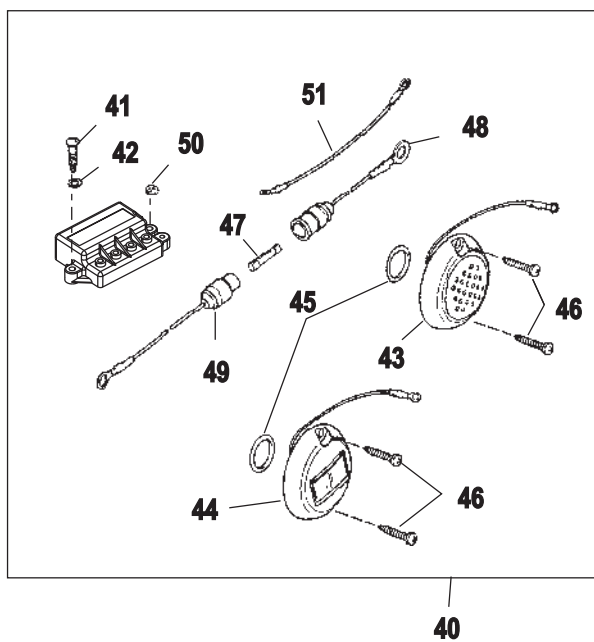


1599

Accessories

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	887767K03	SWITCH KIT Start/Stop - Triple		1	
-	0022	852400	FLUSH COUPLING		1	
-	0000	44357Q2	FLUSHING ATTACHMENT		1	[1]
-	0000	881150Q1	FLUSH KIT Dual Water Pick Up		1	[2]
-	0032	825191A03	HOSE KIT Rigging		1	
-	0079	889223K14	TACH/SPEED SINGLE ENGINE HELM KIT SC1000 Gray Face		1	
-	0079	889223K12	TACH/SPEED SINGLE ENGINE HELM KIT SC1000 White Face		1	
-	0079	889222K03	TACHOMETER KIT 0-7000 RPM Gray Face		1	
-	0079	889222K02	TACHOMETER KIT 0-7000 RPM White Face		1	
-	0000	41729A3	HOSE EXTENSION KIT		1	
-	0000	821180A6	SENDER ASSEMBLY Trim		1	
-	0087	887979A2	SWITCH KIT Tilt Limit		1	
1	1257	8742A22	TANK ASSEMBLY Remote Oil	(Without Sender)	1	
1	1257	8742A21	TANK ASSEMBLY Remote Oil	(With Sender)	1	
2	0000	12335A1	BRACKET KIT		1	
3	0000	12323A1	CORD/HOOK KIT		1	
4	0000	12320	BRACKET		2	
5	0010	79968	SCREW (#12-11 x .750)		4	
6	0036	43298A2	CAP ASSEMBLY		1	
7	0025	11332	O-RING (2.225 x .210)		1	
8	0000	816190A4	OIL PICK UP ASSEMBLY Without Sender		1	
8	0000	816190A5	OIL PICK UP ASSEMBLY With Sender		1	
9	0036	43298A2	CAP ASSEMBLY		1	
10	0025	11332	O-RING (2.225 x .210)		1	
11	0032	99802	TUBE		12	
12	0032	99439	HOSE (114.00 Inches)		1	
13	0054	816311T	TIE STRAP (8.00 Inches)		5	
14	0000	17334A2	VISUAL WARNING SYSTEM		1	
15	0088	17429	LAMP		1	
16	0000	76424	BRACKET		1	
17	0016	55422	STUD (#10-32 x 2.00)		2	
18	0012	24676	WASHER (.200 x .440 x .032)		2	
19	0011	68219	NUT (#10-32) Stainless Steel		2	
20	0000	15969A3	DECK FILL KIT Oil		1	
21	0000	15969A5	DECK FILL KIT Oil		1	
22	0000	15966	PLATE		1	
23	0054	815504228	CLAMP Worm Gear		2	
24	0000	15967	ADAPTER Oil Filler		1	
25	0025	11332	O-RING (2.225 x .210)		1	
26	0032	850719	HOSE (100.00 Feet Bulk)		AR	
27	0000	812497A2	DIODE ASSEMBLY	(Not Included with Kit Reference #28)	1	

Accessories



1599

Accessories

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
28	0087	19674Q2	SWITCH/LANYARD KIT		1	
29	0087	19674A1	SWITCH ASSEMBLY Lanyard		1	
30	0010	18303	SCREW (.190-16 x 1.750) Stainless Steel		2	
31	0000	813679	ADAPTER		1	
32	0000	15920Q54	LANYARD ASSEMBLY		1	[3]
33	0010	32866	SCREW (#10-32 x 2.00) Stainless Steel		2	
34	0000	18321	CLAMP Mounting		1	
35	0012	24676	WASHER (.200 x .440 x .032)		2	
36	0011	68219	NUT (#10-32) Stainless Steel		4	
37	0000	79146	RETAINER		1	
38	0084	11149A2	CABLE ASSEMBLY (6.00 Inches)		1	
39	0054	816311T	TIE STRAP (8.00 Inches)		AR	
40	0000	88334A2	MERCATHODE KIT		1	
41	0010	22793	SCREW (#9-14 x .875)		2	
42	0012	30164	WASHER (.192 x .375 x .0312) Stainless Steel		2	
43	0000	72958A5	ELECTRODE ASSEMBLY		1	
44	0097	72957A5	ANODE ASSEMBLY		1	
45	0025	21836	O-RING (.796 x .139)		2	
46	0010	87698	SCREW (#10-16 x 1.250) Stainless Steel		4	
47	0088	79091	FUSE 20 Ampere		1	
48	0084	95084A10	CABLE ASSEMBLY (5.00 Inches) Red		1	
49	0084	95084A13	CABLE ASSEMBLY (64.00 Inches)		1	
50	0011	45076	NUT (#10-32) Brass		4	
51	0084	79138A8	CABLE ASSEMBLY (72.00 Inches) Black		1	

PART NOTES:

- [1] - Alternate part numbers:
44357A 2Service Part
44357Q 2QS
44357T 2MPP
- [2] - Alternate part numbers:
881150K 1MPP
881150Q 1QS
- [3] - Alternate part numbers:
15920Q54QS
15920T54MPP

Tools

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0084	822560A5	HARNESS ASSEMBLY DDT Adapter Electrical/Ignition		1	
-	0084	825003A1	CABLE ASSEMBLY DDT Electrical/Ignition		1	
-	0091	99750A1	MULTI METER Electrical/Ignition		1	
-	0091	52024A1	SWITCH ASSEMBLY Electrical/Ignition		1	
-	0091	59339	SERVICE TACHOMETER Electrical/Ignition		1	
-	0091	850439T1	TESTER Eight Chamber Electrical/Ignition		1	
-	0091	63998A1	GAP TOOL Single Chamber Electrical/Ignition		1	
-	0091	825824A2	TACH INTERFACE MODULE Electrical/Ignition		1	
-	0091	99379	TIMING LIGHT Electrical/Ignition		1	
-	0091	112301	ALIGNMENT TOOL Trim/Tilt System		1	
-	0091	99750A1	MULTI METER Trim/Tilt System		1	
-	0091	52915A6	TEST GAUGE KIT Trim/Tilt System		1	
-	0091	74951	SPANNER WRENCH Trim/Tilt System		1	
-	0091	44487T1	REMOVER TOOL Trim Rod Guide Trim/Tilt System		1	
-	0091	44486A1	REMOVAL TOOL Trim Rod Trim/Tilt System		1	
-	0091	55919	DRIVER HEAD Powerhead		1	
-	0091	52344	FLYWHEEL HOLDER TOOL Teeth Type Powerhead		1	
-	0091	849154T1	PULLER ASSEMBLY Powerhead		1	
-	0091	904551	LIFTING EYE Powerhead		1	
-	0091	93004A2	INSTALLATION TOOL Lock Ring Powerhead		1	
-	0091	52952T1	REMOVAL TOOL Piston Pin Lock Ring Powerhead		1	
-	0091	24697	EXPANDER TOOL Piston Ring Powerhead		1	
-	0091	92973A1	MANDREL TOOL Piston Pin Powerhead		1	
-	0091	812549T	STAND Powerhead		1	
-	0091	24161	CAP TOOL Flywheel Puller Powerhead		1	
-	0091	823237T	COMPRESSOR TOOL Piston Ring (3.625) Powerhead		1	
-	0091	66274	TORQUE WRENCH (0-150 lb-in) Powerhead		1	
-	0091	37241	PULLER PLATE Universal Powerhead		1	
-	0091	881834A1	GAUGE		1	
-	0010	4007325	SCREW (M5 x 25)		1	
-	0091	8519802	SIZING TOOL		1	
-	0091	8519803	CAP Installation		1	

Tools

Tools

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0091	881833A03	GAUGE KIT Air/Fuel Pressure		1	
-	0091	99750A1	MULTI METER		1	
-	0091	53459	ROD TOOL Backlash Indicator Flag Gear Housing		1	
-	0091	78473	INDICATOR TOOL Backlash Gear Housing		1	
-	0091	816244	DRIVER TOOL Bearing Gear Housing		1	
-	0091	31106T	MANDREL Bearing Driver Cup Gear Housing		1	
-	0091	14311A04	TOOL Preload Gear Housing		1	
-	0091	31229A7	PULLER KIT Bearing Gear Housing		1	
-	0091	15755T	NEEDLE BEARING DRIVER Gear Housing		1	
-	0091	30366T1	COLLAR Gear Housing		1	
-	0091	36569T	DRIVE HEAD TOOL Gear Housing		1	
-	0091	37323	DRIVER ROD TOOL Needle Bearings Gear Housing		1	
-	0091	36571T	PILOT WASHER Gear Housing		1	
-	0091	38628T	INSTALLER TOOL Bearing Gear Housing		1	
-	0011	24156	NUT (.625-18) Gear Housing		1	
-	0091	29310	PLATE Gear Housing		1	
-	0091	32325T	DRIVER HEAD TOOL Gear Housing		1	
-	0012	34961	WASHER Gear Housing		1	
-	0091	43506T	RETAINING TOOL Bearing Gear Housing		1	
-	0012	54048	WASHER Gear Housing		1	
-	0091	83155	ADAPTER KIT Dial Indicator Gear Housing		1	
-	0091	58222A1	DIAL INDICATOR TOOL Gear Housing		1	
-	0091	89897	HOLDING TOOL Dial Indicator Gear Housing		1	
-	0091	36577T	DRIVER CUP Gear Housing		1	
-	0091	61077T	ADAPTER TOOL Driveshaft Gear Housing		1	
-	0091	56775T	HOLDING TOOL Driveshaft Gear Housing		1	
-	0091	815850	FORWARD GEAR INSTALLATION TOOL Gear Housing		1	
-	0091	86943T	INSTALLER TOOL Needle Bearing - Forward Gear Gear Housing		1	
-	0091	61069T	NUT TOOL Gear Housing Cover		1	
-	0091	816243	GUIDE PLATE Gear Housing		1	
-	0091	816242	PULLER JAWS Gear Housing		1	
-	0000	FT8950	TESTER KIT Gear Housing		1	
-	0091	33491	DRIVER Gear Housing		1	
-	0091	31108T	DRIVER Oil Seal Gear Housing		1	

Tools

Tools

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0091	817569T	DRIVER TOOL Oil Seal Gear Housing		1	
-	0091	12349A05	TOOL Pinion Locating Gear Housing		1	
-	0091	61067A04	WRENCH TOOL Pinion Nut Gear Housing		1	
-	0044	93003	PROPELLER SHAFT Gear Housing		1	
-	0091	85716	PULLER BOLT TOOL Bearing Carrier Gear Housing		1	
-	0091	46086A1	PULLER JAW ASSEMBLY Gear Housing		1	
-	0091	37241	PULLER PLATE Universal Gear Housing		1	
-	0091	18605A2	INSTALLATION TOOL Bearing Adaptor Gear Housing		1	
-	0091	34569A1	PULLER ASSEMBLY Slide Hammer Gear Housing		1	
-	0091	66274	TORQUE WRENCH (0-150 lb-in) Gear Housing		1	
-	0091	821571A1	GUIDE TOOL Water Pump Alignment Pins Gear Housing		1	
-	0084	875233A2	HARNESS ASSEMBLY Test		1	
-	0000	889675A01	TOOL Shunt 14-Pin		1	
-	0091	896661	TOOL Fuel Filter		1	
-	0091	899883A08	TEST TOOL Direct Injector		1	

Powerhead Gasket Set Components

Powerhead Gasket Set Components

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0027	832934A00	GASKET SET Powerhead		1	
0	0021	857005A1	DIAPHRAGM KIT Fuel Pump		1	
0		NSS	NOT SOLD SEPARATE Diaphragm		2	
0		NSS	NOT SOLD SEPARATE Retainer		2	
0		NSS	NOT SOLD SEPARATE Spring		1	
0		NSS	NOT SOLD SEPARATE Cap		1	
0		NSS	NOT SOLD SEPARATE Spring-Boost		1	
0		NSS	NOT SOLD SEPARATE Cap-Spring End		1	
0		NSS	NOT SOLD SEPARATE Gasket-Boost		1	
0		NSS	NOT SOLD SEPARATE Gasket-Pulse		1	
0	0027	987691	GASKET Fuel Pump		1	
0	0027	804680	GASKET Air Handler Adaptor Plate		1	
0	0025	62700	O-RING (3.237 x .103) Lower End Cap		1	
0	0000	818574	SEAL Cylinder Head		2	
0	0027	8503181	GASKET Thermostat Cover		2	
0	0025	35126	O-RING (.859 x .139) Crankshaft-Lower		1	
0	0025	823683	O-RING (1.989 x .070) Crankshaft-Upper		1	
0	0027	8329335	GASKET Cylinder Block		1	
0	0027	8329344	GASKET Exhaust Plate		1	
0	0027	88907003	GASKET Relief Valve Cover & Plate		2	
0	0026	854639001	SEAL Thermostat	(Not used for this application)	2	

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Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
10233070	OWNERS MANUAL 225 DTS, English	2	-	10234060	INSTALLATION MANUAL	2	-
11149A2	CABLE ASSEMBLY (6.00 Inches)	92	38	112301	ALIGNMENT TOOL Trim/Tilt System	94	-
11332	O-RING (2.225 x .210)	90	7	11332	O-RING (2.225 x .210)	90	10
11332	O-RING (2.225 x .210)	90	25	12320	BRACKET	90	4
12323A1	CORD/HOOK KIT	90	3	12335A1	BRACKET KIT	90	2
12349A05	TOOL Pinion Locating Gear Housing	98	-	12602002	GROMMET	54	35
13467	GROMMET (.88 Inside Diameter)	40	35	13536A14	SENSOR ASSEMBLY Temperature	38	23
13541	PLUG Male	38	30	137151	RETAINER	38	24
140001	SCREW (.375-24 x 1.38)	86	11	14077	SEAL Oil (Inside)	70	26
14077	SEAL Oil (Inside)	76	33	14311A04	TOOL Preload Gear Housing	96	-
14360T74	PUMP ASSEMBLY Fuel	20	-	144303	BASE	20	17
151331	FITTING	38	20	15755T	NEEDLE BEARING DRIVER Gear Housing	96	-
15842	BEARING Thrust	74	27	15844	BEARING ASSEMBLY Roller	74	14
15920Q54	LANYARD ASSEMBLY	92	32	15966	PLATE	90	22
15967	ADAPTER Oil Filler	90	24	15969A3	DECK FILL KIT Oil	90	20
15969A5	DECK FILL KIT Oil	90	21	16604	FITTING Straight (.125-27)	38	21
17334A2	VISUAL WARNING SYSTEM	90	14	17429	LAMP	90	15
1761514	SPACER SHIM (.206)	74	21	1761515	SPACER SHIM (.208)	74	21
1761516	SPACER SHIM (.210)	74	21	1761517	SPACER SHIM (.212)	74	21
1761518	SPACER SHIM (.214)	74	21	1761519	SPACER SHIM (.216)	74	21
1761520	SPACER SHIM (.218)	74	21	1761521	SPACER SHIM (.220)	74	21
1761522	SPACER SHIM (.222)	74	21	1761523	SPACER SHIM (.224)	74	21
1761524	SPACER SHIM (.226)	74	21	1761525	SPACER SHIM (.228)	74	21
1761526	SPACER SHIM (.230)	74	21	17728	TAB WASHER	86	10
17729A1	BRACKET	86	8	18206001	FILTER Fuel	30	3
18303	SCREW (.190-16 x 1.750) Stainless Steel	92	30	18321	CLAMP Mounting	92	34
18323	TAB WASHER	70	28	18323	TAB WASHER	76	35
18448	THRUST WASHER	74	26	18605A2	INSTALLATION TOOL Bearing Adaptor Gear Housing	98	-
19565002	GROMMET	48	41	19674A1	SWITCH ASSEMBLY Lanyard	92	29
19674Q2	SWITCH/LANYARD KIT	92	28	19755T7	SPOOL ASSEMBLY	70	4
19755T7	SPOOL ASSEMBLY	74	4	1993716	SCREW (M6 x 16)	40	30
1993716	SCREW (M6 x 16)	64	13	1993716	SCREW (M6 x 16)	64	21
20116	GROMMET	40	42	21836	O-RING (.796 x .139)	66	44
21836	O-RING (.796 x .139)	92	45	22793	SCREW (#9-14 x .875)	92	41
23567	CLIP	26	9	23567	CLIP	28	5
23651	SLEEVE (1.625)	86	14	24156	NUT (.625-18) Gear Housing	96	-
24161	CAP TOOL Flywheel Puller Powerhead	94	-	24676	WASHER (.200 x .440 x .032)	90	18
24676	WASHER (.200 x .440 x .032)	92	35	24697	EXPANDER TOOL Piston Ring Powerhead	94	-
26550	CLAMP	78	34	26993	LOCKWASHER (.312)	16	11
26996	LOCKWASHER (#10) Stainless Steel	58	18	28421	WASHER (1.5 x 3.05 x 0.13) Stainless Steel	60	11
291112	FITTING	36	11	29245	WASHER (.281 x .500 x .060) Stainless Steel	4	18
29245	WASHER (.281 x .500 x .060) Stainless Steel	6	7	29245	WASHER (.281 x .500 x .060) Stainless Steel	8	9
29245	WASHER (.281 x .500 x .060) Stainless Steel	40	33	29245	WASHER (.281 x .500 x .060) Stainless Steel	50	49
29245	WASHER (.281 x .500 x .060) Stainless Steel	78	31	29310	PLATE Gear Housing	96	-
29402	WAVE WASHER	6	24	30164	WASHER (.192 x .375 x .0312) Stainless Steel	92	42
30366T1	COLLAR Gear Housing	96	-	30632	PIN Cross	70	17
30632	PIN Cross	74	17	30641	O-RING (.299 x .103)	54	29
30893	SPRING	70	14	30893	SPRING	74	15
30894A1	BEARING SET Cup And Cone	70	10	30895T	BEARING Needle	70	13
30956T	BEARING Needle	70	25	30956T	BEARING Needle	76	32
31106T	MANDREL Bearing Driver Cup Gear Housing	96	-	31108T	DRIVER Oil Seal Gear Housing	96	-
31229A7	PULLER KIT Bearing Gear Housing	96	-	32325T	DRIVER HEAD TOOL Gear Housing	96	-
328022	PLUG Pipe (.125-27) Brass	48	37	32866	SCREW (#10-32 x 2.00) Stainless Steel	92	33
33491	DRIVER Gear Housing	96	-	33504	O-RING	58	2
335891	BUSHING	6	9	34569A1	PULLER ASSEMBLY Slide Hammer Gear Housing	98	-
34931	WASHER (.406 x .734 x .063) Stainless Steel	86	19	34961	WASHER Gear Housing	96	-
35027	O-RING (1.046)	66	45	35126	O-RING (.859 x .139)	52	7
35126	O-RING (.859 x .139) Crankshaft-Lower	100	0	35459	WASHER	18	25
35921	NUT (.625-18)	64	18	36001	WASHER	8	20
36387A1	BEARING ASSEMBLY Roller/Cup	66	30	36569T	DRIVE HEAD TOOL Gear Housing	96	-

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Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
36571T	PILOT WASHER Gear Housing	96	-	36577T	DRIVER CUP Gear Housing	96	-
37241	PULLER PLATE Universal Powerhead	94	-	37241	PULLER PLATE Universal Gear Housing	98	-
37323	DRIVER ROD TOOL Needle Bearings Gear Housing	96	-	37828	WASHER (.390 x .625 x .062) Stainless Steel	58	32
37828	WASHER (.390 x .625 x .062) Stainless Steel	84	10	37828	WASHER (.390 x .625 x .062) Stainless Steel	86	19
379721	PIN	64	2	37984	NUT (.875-14)	86	5
38601	SCREW (.250-28 x 1.250)	84	6	38601	SCREW (.250-28 x 1.250)	86	7
38628T	INSTALLER TOOL Bearing Gear Housing	96	-	38657A1	SHIM ASSEMBLY	64	25
4000327	SCREW (M6 x 14)	78	22	4000327	SCREW (M6 x 14)	82	16
4000330	SCREW (M6 x 25)	78	30	4000333	SCREW (M6 x 40)	64	6
40011107	SCREW (M5 x 16) Stainless Steel	48	18	400211	NUT (M5) Stainless Steel	16	10
400213	NUT (M8) Stainless Steel	16	12	4002315	WASHER (6.60 X 12.5 X 1.5 mm -SS)	82	17
4002318	WASHER	8	11	4002318	WASHER	18	34
4002318	WASHER	30	16	4002318	WASHER	44	41
4002319	WASHER	14	17	4002319	WASHER	78	28
4002319	WASHER	82	21	4002320	WASHER	14	4
400255	LOCKWASHER (M5)	16	9	400256	LOCKWASHER (M6)	78	5
400256	LOCKWASHER (M6)	82	3	4007325	SCREW (M5 x 25)	94	-
4010835	SCREW (M10 x 35) Hex Flange - Stainless Steel	14	9	4013610	NUT (M10) Stainless Steel	48	16
401366	NUT (M6) Stainless Steel	4	17	401366	NUT (M6) Stainless Steel	6	13
401386	NUT (M6) Stainless Steel	14	15	401386	NUT (M6) Stainless Steel	18	24
401386	NUT (M6) Stainless Steel	18	33	401386	NUT (M6) Stainless Steel	64	7
401388	NUT (M8) Stainless Steel	18	36	41055	MOUNT	86	3
41055A1	BRACKET ASSEMBLY	84	1	41508	SCREW (.250-20 x .500) Stainless Steel	62	27
41729A3	HOSE EXTENSION KIT	90	-	42099	NUT (.562-18)	86	17
42100	TAB WASHER	86	4	424254	FITTING	30	14
42637A1	SHIM SET	66	29	42647A1	BEARING ASSEMBLY Roller	64	8
428641	FITTING Check Valve	38	19	42979	NUT (M16)	14	12
42994	BUSHING	18	32	43012A05	BEARING/CAGE KIT	52	15
43026Q06	REPAIR KIT Water Pump Impeller	66	-	43026T2	IMPELLER	66	42
430331	GASKET	66	39	43037	KEY	64	28
43044	PIN Dowel - Without Hole (.375 x .625)	48	9	43044	PIN Dowel - Without Hole (.375 x .625)	54	7
43044	PIN Dowel - Without Hole (.375 x .625)	62	29	43044	PIN Dowel - Without Hole (.375 x .625)	64	9
43298A2	CAP ASSEMBLY	90	6	43298A2	CAP ASSEMBLY	90	9
43450	WASHER	78	23	43506T	RETAINING TOOL Bearing Gear Housing	96	-
43585	COUPLING	54	34	44357Q2	FLUSHING ATTACHMENT	90	-
44486A1	REMOVAL TOOL Trim Rod Trim/Tilt System	94	-	44487T1	REMOVER TOOL Trim Rod Guide Trim/Tilt System	94	-
44491A1	SHIM SET	70	9	44491A1	SHIM SET	74	8
45076	NUT (#10-32) Brass	10	13	45076	NUT (#10-32) Brass	92	50
45711	O-RING (.612 x .103)	60	6	45907	PLUG Yellow	14	14
46086A1	PULLER JAW ASSEMBLY Gear Housing	98	-	46335	NUT (.375-24)	58	13
469501	COTTER PIN	70	6	469501	COTTER PIN	74	7
48237	BUSHING	54	33	48462	O-RING (.614 x .070)	6	10
48462	O-RING (.614 x .070)	84	3	48462	O-RING (.614 x .070)	86	2
48939A2	BEARING Tapered Roller	64	26	52024A1	SWITCH ASSEMBLY Electrical/Ignition	94	-
52344	FLYWHEEL HOLDER TOOL Teeth Type Powerhead	94	-	52915A6	TEST GAUGE KIT Trim/Tilt System	94	-
52952T1	REMOVAL TOOL Piston Pin Lock Ring Powerhead	94	-	53166	LOCKWASHER (.312)	10	17
53459	ROD TOOL Backlash Indicator Flag Gear Housing	96	-	54012	WASHER (.530 x .870 x .105) Stainless Steel	60	10
54048	WASHER Gear Housing	96	-	55422	STUD (#10-32 x 2.00)	90	17
55919	DRIVER HEAD Powerhead	94	-	56762	TIE STRAP (4.00 Inches)	30	27
56775T	HOLDING TOOL Driveshaft Gear Housing	96	-	58222A1	DIAL INDICATOR TOOL Gear Housing	96	-
58376	SCREW (.164-18 x .375)	30	10	58643	LOCKWASHER (.375)	58	12
59339	SERVICE TACHOMETER Electrical/Ignition	94	-	61067A04	WRENCH TOOL Pinion Nut Gear Housing	98	-
61069T	NUT TOOL Gear Housing Cover	96	-	61077T	ADAPTER TOOL Driveshaft Gear Housing	96	-
62055	SCREW (.312-24 x 1.250)	86	9	62700	O-RING (3.237 x .103)	48	20
62700	O-RING (3.237 x .103) Lower End Cap	100	0	627021	O-RING (.301 x .070)	44	32
63779	PIN Dowel (.250 x .625)	48	10	63998A1	GAP TOOL Single Chamber Electrical/Ignition	94	-
64014	SCREW (.250-28 x .500)	58	14	64649	PLUG	62	7
648771	DIAPHRAGM	54	18	64878	SPRING (Black)	54	15
65292	J CLIP	48	14	65292	J CLIP	48	25

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Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
65567	WASHER (.265 x .750 x .048) Stainless Steel	10	22	65567	WASHER (.265 x .750 x .048) Stainless Steel	12	6
65567	WASHER (.265 x .750 x .048) Stainless Steel	18	27	65567	WASHER (.265 x .750 x .048) Stainless Steel	42	45
65663A2	COVER ASSEMBLY	54	10	65664A1	PLATE ASSEMBLY	54	16
65830	NYLINER	60	15	66274	TORQUE WRENCH (0-150 lb-in) Powerhead	94	-
66274	TORQUE WRENCH (0-150 lb-in) Gear Housing	98	-	66302	SEAL Oil	66	35
66302	SEAL Oil	66	36	67206001	O-RING	38	5
67206001	O-RING	38	6	67207	O-RING (3.489 x .070)	38	11
67296	PIN	48	8	67446	RING	52	4
67684	RING Retaining	58	10	677551	SCREW (.500-20 x 4.500)	60	9
67923T	BEARING Ball Lower	52	3	681001	RING Thrust	70	21
68219	NUT (#10-32) Stainless Steel	90	19	68219	NUT (#10-32) Stainless Steel	92	36
68229	WASHER (.641 x 1.250 x .190)	14	13	68292	NUT (.312-18)	10	18
69035	SCREW AND LOCKWASHER (.250-20 x .625) Stainless Steel	16	6	69057	WASHER (.281 x .734 x .063)	6	12
69079	SCREW (#10-16 x .440)	62	19	69205	C WASHER	78	33
69570	SCREW (#10-16 x .750)	54	20	715651	TUBE Steering Cable	84	2
71565A2	TUBE ASSEMBLY	86	1	72521	LOCKWASHER Internal Tooth	62	17
72761	WASHER (.203 x .562 x .060) Stainless Steel	30	11	72957A5	ANODE ASSEMBLY	92	44
72958A5	ELECTRODE ASSEMBLY	92	43	73732	SCREW (.375-24 x 1.120)	84	9
74036	FITTING Grease	58	6	74951	SPANNER WRENCH Trim/Tilt System	94	-
76214Q5	ANODE KIT	70	30	76214Q5	ANODE KIT	76	37
76424	BRACKET	90	16	76451	WASHER	54	19
76868	SEAL (Outside)	70	27	76868	SEAL (Outside)	76	34
77674	WASHER	64	22	782792	FITTING Elbow 45 Degree (1.25)	20	18
782792	FITTING Elbow 45 Degree (1.25)	44	31	78473	INDICATOR TOOL Backlash Gear Housing	96	-
78968	LOCKWASHER Internal (.250)	84	7	79091	FUSE 20 Ampere	92	47
79138A8	CABLE ASSEMBLY (72.00 Inches) Black	92	51	79146	RETAINER	92	37
79448	RETAINER	70	29	79448	RETAINER	76	36
79953Q2	SCREW KIT (.375-16 x .250) Drain	64	10	79968	SCREW (#12-11 x .750)	90	5
804525001	SCREW PACKAGE (2 Per)(M5 x 10)	22	23	804526	SCREW PACKAGE (M5 x 16) (2 Per)	22	21
804528	INJECTOR Fuel	22	27	804529	O-RING KIT Contains 6 pcs	22	9
804530	O-RING KIT Contains 6 pcs	22	16	804532	O-RING KIT (16 per kit)	22	22
804532	O-RING KIT	22	28	804533	DIAPHRAGM ASSEMBLY	22	17
804534	SPRING	22	18	804535	COVER	22	20
804536	O-RING	22	19	804658A06	DECAL EPA Label Information	2	-
804679004	GASKET	40	10	804680	GASKET	40	2
804680	GASKET Air Handler Adaptor Plate	100	0	804827	HOSE Fuel Balance	22	24
804829	HOSE ASSEMBLY Air Balance	34	7	804830	CLAMP	22	5
8048311	CLAMP	22	6	804832	CLAMP	22	7
804835	PLUG	22	10	804836	FITTING	22	11
804837	VALVE ASSEMBLY (.5 Inch Diameter)	22	12	804840	O-RING KIT	22	15
804842	CLAMP	40	26	804875	SEAL KIT	22	-
805063	O-RING (.301 x .070)	20	20	805515	CAP Shrader Valve - Brass	22	14
806327	SCREW (.437-14 x 1.750)	70	31	806327	SCREW (.437-14 x 1.750)	76	38
807929A1	CARRIER ASSEMBLY	66	33	809463A1	SOLENOID KIT	16	4
811613	PLUG ASSEMBLY	78	21	811613	PLUG ASSEMBLY	82	15
812497A2	DIODE ASSEMBLY	90	27	812549T	STAND Powerhead	94	-
813442A2	MANUAL RELEASE ASSEMBLY (Includes Reference #26)	78	8	813679	ADAPTER	92	31
813769	CLAMP	58	27	8137711	MOUNT	62	12
813938	CAP NUT (#10-32)	10	14	814189	POPPET	54	14
814190	CARRIER	54	12	814191	GROMMET	54	13
814605	KEEPER	76	29	814653T	BEARING ASSEMBLY Needle Rollers	74	10
814653T	BEARING ASSEMBLY Needle Rollers	74	25	815263	ROLLER	4	11
815263	ROLLER	4	20	815432	WASHER (.562 x 2.00 x .125)	62	10
8154331	WASHER (1.25 x 2.00 x .19)	62	11	815436	WASHER	58	25
8154371	WASHER	58	24	8154431	STUD (M10 x 1.5 x 155)	48	5
815477	BUMPER Latch	4	15	815480	BEARING Thrust	74	12
815480	BEARING Thrust	74	22	815481	THRUST WASHER	74	11
815481	THRUST WASHER	74	23	815504228	CLAMP Worm Gear	90	23
8155381	PIN Roll	4	16	815850	FORWARD GEAR INSTALLATION TOOL Gear Housing	96	-

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Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
816039	SPACER	58	4	816190A4	OIL PICK UP ASSEMBLY Without Sender	90	8
816190A5	OIL PICK UP ASSEMBLY With Sender	90	8	816242	PULLER JAWS Gear Housing	96	-
816243	GUIDE PLATE Gear Housing	96	-	816244	DRIVER TOOL Bearing Gear Housing	96	-
816311T	TIE STRAP (8.00 Inches)	10	27	816311T	TIE STRAP (8.00 Inches)	20	21
816311T	TIE STRAP (8.00 Inches)	30	18	816311T	TIE STRAP (8.00 Inches)	34	2
816311T	TIE STRAP (8.00 Inches)	34	12	816311T	TIE STRAP (8.00 Inches)	36	2
816311T	TIE STRAP (8.00 Inches)	36	6	816311T	TIE STRAP (8.00 Inches)	36	8
816311T	TIE STRAP (8.00 Inches)	36	10	816311T	TIE STRAP (8.00 Inches)	40	31
816311T	TIE STRAP (8.00 Inches)	78	37	816311T	TIE STRAP (8.00 Inches)	90	13
816311T	TIE STRAP (8.00 Inches)	92	39	8163851	MOUNT Upper	58	23
816432	THRUST WASHER	58	8	8164641	SEAL Oil	64	19
816575A2	SEAL KIT	66	38	816575A4	SEAL KIT Gear Housing	66	-
816575A4	SEAL KIT Gear Housing	70	-	816575A4	SEAL KIT Gear Housing	76	-
816773A2	BEARING ASSEMBLY Upper	52	19	817109A2	SOLENOID ASSEMBLY (#10-32 / .3125-18 Terminals)	10	3
817274	WASHER (.344 x 1.00 x .063) Stainless Steel	40	7	817275A2	HOUSING KIT Upper Water Pump	66	37
817275A5	REBUILD KIT Water Pump	66	-	8172761	FACEPLATE	66	41
8172771	GASKET	66	40	817519A1	CHECK VALVE ASSEMBLY Drain	54	6
817569T	DRIVER TOOL Oil Seal Gear Housing	98	-	818290T8	CARRIER ASSEMBLY Bearing	76	31
8182911	RACE Thrust	76	28	818298Q1	ANODE KIT	78	29
818574	SEAL	48	27	818574	SEAL Cylinder Head	100	0
8186442	CLAMP	62	15	818763T11	CARRIER ASSEMBLY Bearing	70	24
818764	BUSHING	58	3	81893414	SCREW (M8 x 14)	38	25
81893420	SCREW (M8 x 20)	10	29	81893430	SCREW (M8 x 30)	40	8
81893435	SCREW (M8 x 35)	8	13	81893435	SCREW (M8 x 35)	18	7
81893435	SCREW (M8 x 35)	30	17	81893435	SCREW (M8 x 35)	48	11
81893435	SCREW (M8 x 35)	54	11	81893435	SCREW (M8 x 35)	54	21
81893435	SCREW (M8 x 35)	58	28	81893435	SCREW (M8 x 35)	62	16
81893435	SCREW (M8 x 35)	62	23	81893435	SCREW (M8 x 35)	62	32
81893440	SCREW (M8 x 40)	48	2	81893460	SCREW (M8 x 60)	18	10
81893460	SCREW (M8 x 60)	32	33	81893460	SCREW (M8 x 60)	44	40
818967	GROMMET	10	10	818968	BUSHING	10	6
818968	BUSHING	10	9	819514A22	HARNESS ASSEMBLY Trim	10	19
82104510	SCREW (M5 x 10)	18	26	82104540	SCREW (M5 x 40) Fuel Pump	20	15
821169	COUPLING	86	18	821180A6	SENDER ASSEMBLY Trim	90	-
821203	LOCKWASHER	84	4	821207	BUSHING	58	7
821249M2	BRACKET Front	4	13	82127335	SCREW (M8 x 35 MM)	38	22
82129110	SCREW (M6 x 10)	8	8	82129110	SCREW (M6 x 10)	10	12
82129114	SCREW (M6 x 14)	10	26	82129125	SCREW (M6 x 25 MM)	10	5
82129130	SCREW (M6 x 30)	8	3	82130012	SCREW (M6 x 12)	6	19
82130012	SCREW (M6 x 12)	10	28	82130012	SCREW (M6 x 12)	14	19
82130012	SCREW (M6 x 12)	44	37	82130012	SCREW (M6 x 12)	48	23
82130012	SCREW (M6 x 12)	48	26	82130012	SCREW (M6 x 12)	50	45
82130014	SCREW (M6 x 14)	40	23	82130016	SCREW (M6 x 16)	50	47
82130020	SCREW (M6 x 20)	4	14	82130020	SCREW (M6 x 20)	48	22
82130025	SCREW (M6 x 25)	10	21	82130025	SCREW (M6 x 25)	12	14
82130025	SCREW (M6 x 25)	42	46	82130025	SCREW (M6 x 25)	48	33
82130030	SCREW (M6 x 30)	4	2	82130040	SCREW (M6 x 40)	6	5
82130040	SCREW (M6 x 40)	40	32	82130050	SCREW (M6 x 50) Pump to Crankcase	20	16
82130145	SCREW (M10 x 45)	48	40	82130150	SCREW (M10 x 50)	14	18
8214281	SCREW (#10-16 x .625)	6	14	821526001	FILLER BLOCK	64	3
821539	PIN Trilobe	78	26	82155025	SCREW (M8 x 25 MM) Stainless Steel	18	18
821555001	GROMMET	40	37	821571A1	GUIDE TOOL Water Pump Alignment Pins Gear Housing	98	-
8215832	PIN Special (1.5 Inches)	38	26	821904	FITTING Tell-Tale	54	32
821908	PLUG	54	25	821915	WASHER	54	26
8219423	PAWL	6	11	8219631	CHECK VALVE	54	30
822002	GROMMET	54	36	822003	BUSHING	12	9
822179	GROMMET	10	4	822373A09	CONNECTING ROD ASSEMBLY	52	13
82239312	SCREW (M5 x 12)	54	24	822560A5	HARNESS ASSEMBLY DDT Adapter Electrical/Ignition	94	-
822769	CONNECTOR	20	23	822873	CLIP	6	15

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823237T	COMPRESSOR TOOL Piston Ring (3.625) Powerhead	94	-	823683	O-RING (1.989 x .070)	52	21
823683	O-RING (1.989 x .070) Crankshaft-Upper	100	0	8237951	RING Retaining	4	10
8237951	RING Retaining	4	19	8238051	SEAL	54	4
823903	SHIFT CRANK	70	3	823903	SHIFT CRANK	74	3
823979T1	SPACER	62	28	824108	SPACER	70	20
824110	PROPELLER SHAFT	70	18	824111	PROPELLER SHAFT	74	19
824145	SHIFT SHAFT	64	23	82446180	SCREW (M10 x 80)	48	12
8245021	CONNECTOR	48	13	8245191	RETAINER	66	32
82470620	SCREW (M3.5 x 20)	18	23	8248577	DEFLECTOR	48	6
824868	SCREW (M6 x 75)	6	6	82494810	SCREW (M6 x 10)	50	51
82494830	SCREW (M6 x 30)	78	4	82494830	SCREW (M6 x 30)	82	2
824998001	BUMPER	58	22	825003A1	CABLE ASSEMBLY DDT Electrical/Ignition	94	-
825190	WASHER	62	13	825191A03	HOSE KIT Rigging	90	-
825824A2	TACH INTERFACE MODULE Electrical/Ignition	94	-	826125A1	TILT TUBE	60	4
826134Q	ANODE	64	5	826135	NUT (1.00-14) Nylon Insert	60	5
826164	NUT (.875-14)	60	8	826292	NUT (M10) Brass/Nickel Plated	14	7
826292	NUT (M10) Brass/Nickel Plated	22	29	826364T	YOKE Bottom	58	9
826432A2	SWIVEL PIN ASSEMBLY Steering Arm - Stainless Steel	58	20	826639T	COVER	4	7
826709113	NUT (.375-24) Stainless Steel	58	31	826709113	NUT (.375-24) Stainless Steel	84	11
826709113	NUT (.375-24) Stainless Steel	86	12	82671117	NUT (.500-20)	60	12
827179A12	RING SET Piston	52	12	8272822	DECAL Warning	16	8
828102	BRACKET	10	8	828123T32	COMPRESSOR ASSEMBLY Air	38	1
828131A12	END CAP ASSEMBLY	38	2	8282182	CHECK VALVE	26	7
828225	SEAL	38	13	828333T08	BRACKET ASSEMBLY Transom-Port	60	2
828334T03	BRACKET ASSEMBLY Transom-Starboard	60	1	828356	PIN Detent	70	16
828356	PIN Detent	74	18	8283582	SENSOR	48	17
828507Q5	BELT	14	10	828547353	CONDUIT (.350 Inside Diameter x 3.00 Feet Bulk) (Cut to 12 Inches)	78	36
828623T6	REED BLOCK ASSEMBLY	40	3	828694A1	WASHER ASSEMBLY Cupped	22	2
828695A1	GEAR SET Forward/Pinion (12/21)	74	20	828696T2	GEAR Reverse (12/21)	74	13
828830A2	ADAPTER ASSEMBLY Bearing	74	9	828831A3	ADAPTER ASSEMBLY Bearing	74	24
828991T	CLIP	8	21	828991T	CLIP	10	11
828991T	CLIP	18	19	830749	SEAL	64	11
830757130	TUBING (.312) (70.00 Inches Bulk) (Cut to 8 Inches)	34	3	830796A04	CONNECTOR ASSEMBLY Weather Cap - 4 Position Male	12	5
830882	WEAR SLEEVE	52	2	8308981	SEAL	48	21
830899	SPRING Tension	60	14	830900	SPRING Compression	60	16
83155	ADAPTER KIT Dial Indicator Gear Housing	96	-	831985	O-RING (.468 x .078)	38	17
8320761	FITTING Check Valve	54	5	832804	O-RING (2.739 x .070)	38	12
832804A03	O-RING KIT	38	-	8328233	PULLEY	38	28
8329321	SEAL	62	20	8329335	GASKET	54	2
8329335	GASKET Cylinder Block	100	0	8329344	GASKET (Lower)	54	3
8329344	GASKET Exhaust Plate	100	0	832934A00	GASKET SET Powerhead	20	-
832934A00	GASKET SET Powerhead	42	-	832934A00	GASKET SET Powerhead	50	-
832934A00	GASKET SET Powerhead	52	-	832934A00	GASKET SET Powerhead	54	-
832934A00	GASKET SET Powerhead	100	-	832935A17	PLATE ASSEMBLY Exhaust	54	1
832937A05	HOUSING ASSEMBLY Driveshaft	62	1	832938A5	HOUSING ASSEMBLY Driveshaft	62	1
8329391	CLAMP	62	26	832940001	SEAL	62	25
8329417	TUBE Water	62	24	8329418	TUBE Water	62	24
8329419	TUBE Water	62	24	832942A1	COUPLING ASSEMBLY	66	43
8329692	FUSE Mini - Gray - 2 Ampere	12	3	83296920	FUSE Mini - Yellow - 20 Ampere	12	2
833116A4	TUBE ASSEMBLY Exhaust	62	21	8331231	GROMMET	62	4
833146T06	CONNECTING ROD ASSEMBLY	38	7	833155	GROMMET	8	10
8348084	STRAINER	54	8	8348101	RING Lock	38	9
834985	GROMMET	10	23	834985	GROMMET	12	10
834985	GROMMET	40	40	835087A8	HEAD KIT Compressor	38	14
835088A10	REED PLATE ASSEMBLY	38	10	8405101	PIN	50	50
841098	PIN	18	12	841202	RING	52	11
843198001	RING Seal	52	5	849154T1	PULLER ASSEMBLY Powerhead	94	-
849838	SCREW (.375-24 x 1.250)	58	30	850181	TIE STRAP (11.750 Inches)	6	22

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850181	TIE STRAP (11.750 Inches)	88	6	8502341	BUSHING	8	12
850295T4	PLATE	8	1	850301A07	BOTTOM COWL Starboard	6	3
850302A07	BOTTOM COWL Port	6	1	850306A04	BOOT KIT Idle Exhaust	54	22
8503181	GASKET	48	31	8503181	GASKET Thermostat Cover	100	0
850439T1	TESTER Eight Chamber Electrical/Ignition	94	-	850682T4	HOOK ASSEMBLY Rear Latch	4	8
850684F1	FRONT HANDLE	6	8	850685002	GROMMET	4	12
850719	HOSE (100.00 Feet Bulk)	90	26	850791T	COUPLER	84	8
850896	CLAMP (28.6)	54	31	8519802	SIZING TOOL	94	-
8519803	CAP Installation	94	-	852361T02	HANDLE	6	23
852361T1	HANDLE Cowl	6	23	852368	SCREW (#10-24 x .750)	58	17
8523742	SPRING	14	2	852385A2	PULLEY ASSEMBLY	14	8
852400	FLUSH COUPLING	90	-	8524052	STRAINER	62	22
854367001	PLUG	6	2	854445	SENSOR MAP	40	12
854639001	SEAL Thermostat	100	0	855362001	GROMMET	18	2
855362001	GROMMET	30	7	855362001	GROMMET	40	6
855362001	GROMMET	44	38	855364	BUSHING	18	3
855364	BUSHING	30	8	855364	BUSHING	40	5
855408A07	DECAL SET Mercury 225	4	-	855412A07	DECAL SET Mercury 200	4	-
855424011	FITTING	44	26	855426	O-RING	40	24
855428	SLEEVE	44	14	8555252	SCREW (M6)	40	4
855725	WASHER	48	42	855729	MOUNT	48	39
85583466	HOSE (40.00 Inches Bulk) Cut to 34 Inches To Oil Pump Connection Illustrated as #2	30	25	85593912	SCREW (M6 x 12)	38	27
85593920	SCREW (M6 x 20)	38	4	855998A05	POWER TRIM ASSEMBLY Complete	78	-
85606065	TUBING (38.00 Inches Bulk) Cut to 20.5 Inches	26	3	85606065	TUBING (38.00 Inches Bulk) Cut to 5 Inches	26	4
85606065	TUBING (38.00 Inches Bulk) Cut to 13 Inches	26	6	85606065	TUBING (38.00 Inches Bulk) Cut to 4.75 Inches	26	11
85606065	TUBING (38.00 Inches Bulk) Cut to 11 Inches	26	12	85606065	TUBING (38.00 Inches Bulk) Cut to 9.5 Inches	26	13
85606065	TUBING (38.00 Inches Bulk) Cut to 15.5 Inches	28	1	85606065	TUBING (38.00 Inches Bulk) Cut to 16.5 Inches	28	3
85606065	TUBING (38.00 Inches Bulk) Cut to 15 Inches	28	4	85606065	TUBING (38.00 Inches Bulk) Cut to 11.50 Inches To Block	30	1
85606065	TUBING (38.00 Inches Bulk) Cut to 5 Inches To Block	30	2	85606065	TUBING (38.00 Inches Bulk) Cut to 9 Inches	30	4
85606065	TUBING (38.00 Inches Bulk) Cut to 19.50 Inches To Oil Pump Connection Illustrated as #6	30	26	85606065	TUBING (38.00 Inches Bulk) Cut to 11 Inches To Oil Pump Connection Illustrated as #5	30	28
85606065	TUBING (38.00 Inches Bulk) Cut to 6 Inches To Oil Pump Connection Illustrated as #4	30	29	85606065	TUBING (38.00 Inches Bulk) Cut to 4 Inches To Oil Pump Connection Illustrated as #3	30	30
85606065	TUBING (38.00 Inches Bulk) Cut to 22 Inches To Oil Pump Connection Illustrated as #1	30	31	85606065	TUBING (38.00 Inches Bulk) Cut to 16 Inches To Oil Pump Connection Illustrated as #7	30	32
856156A4	SWITCH	30	12	856583A5	CABLE ASSEMBLY	14	16
856744	FITTING	38	16	8567631	HOSE ASSEMBLY	34	5
856774	WASHER (.406 x .750 x .105) Stainless Steel	48	15	856815T2	ARM TENSIONER ASSEMBLY	14	3
856822A2	HOSE AND SLEEVE ASSEMBLY (18.00 Inches)	20	22	856823	RING Retaining	70	12
856839	TUBING	36	5	856842	ELBOW	34	1
856880	CLAMP Hose (15.3)	22	32	856880	CLAMP Hose (15.3)	34	4
856880	CLAMP Hose (15.3)	36	NS	8568941	BUSHING	14	5
856954	BUSHING	10	24	856954	BUSHING	40	39
8569662	BRACKET	48	3	856982	WASHER (.500 x .810 x .090) Stainless Steel	62	5
856983	STUD (M12 x 52)	62	2	856991A1	COIL KIT	8	2
857005A1	DIAPHRAGM KIT	20	2	857005A1	DIAPHRAGM KIT Fuel Pump	100	0
857009	STUD (M12 x 179)	62	30	857136	SCREW (M12 x 35 MM)	62	3
857137	SCREW (M12 x 160)	62	31	857149T05	PUMP ASSEMBLY Oil	40	27
85716	PULLER BOLT TOOL Bearing Carrier Gear Housing	98	-	857186A1	PLATE ASSEMBLY	48	38
8582362	CHECK VALVE	26	8	858366T2	PLATE	10	1
858414A1	CABLE ASSEMBLY Braided	8	7	858424	CLAMP	50	43
858483T07	CYLINDER HEAD Port	48	29	858485T07	CYLINDER HEAD Starboard	48	29
858539T6	PLENUM KIT Air	40	9	858541T3	PLATE	40	1
858754	COVER Fuse	12	4	858755	CLIP (1.00)	10	2
858771	SCREW (M10 x 30)	78	27	858771	SCREW (M10 x 30)	82	20
858778	STUD (M10 x 91)	22	31	858780A2	HARNESS ASSEMBLY (Fuel Injector)	12	-
858781A2	HARNESS ASSEMBLY (Direct Injector)	12	-	858807	HOSE	36	7
858855	FITTING Straight	36	1	858865	HOSE	36	9
858870	CHECK VALVE	40	29	858902	CLAMP	42	47

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858902	CLAMP	48	24	858932	CLIP	50	48
858934	COVER	64	14	858935	GASKET	64	15
858951	J CLIP	50	44	858955	CONNECTOR	30	20
859089001	HOSE Port Dump	36	4	859090001	HOSE Starboard Dump	36	3
859093	SEAL	52	20	859230T	RETAINER	40	25
8592352	CHECK VALVE 90 Degree (.0625-27)	26	5	8592352	CHECK VALVE 90 Degree (.0625-27)	28	2
859321A3	GEAR SET Forward/Pinion (12/21)	70	8	859322A1	GEAR Reverse (12/21)	70	19
859340T	CLUTCH	70	15	859340T	CLUTCH	74	16
859343	FOAM	6	21	859359A2	RIGGING KIT (Upper)	6	17
859376	CLIP Conduit	22	30	859399T13	GEAR HOUSING ASSEMBLY Complete (4.75 Inch/120.65 mm Torpedo Diameter)	64	-
859399T13	GEAR HOUSING ASSEMBLY Complete (4.75 Inch/120.65 mm Torpedo Diameter)	70	-	859399T14	GEAR HOUSING ASSEMBLY Complete (4.75 Inch/120.65 mm Torpedo Diameter)	64	-
859399T14	GEAR HOUSING ASSEMBLY Complete (4.75 Inch/120.65 mm Torpedo Diameter)	70	-	859399T15	GEAR HOUSING ASSEMBLY Complete (4.75 Inch/120.65 mm Torpedo Diameter)	64	-
859399T15	GEAR HOUSING ASSEMBLY Complete (4.75 Inch/120.65 mm Torpedo Diameter)	70	-	859399T16	GEAR HOUSING ASSEMBLY Complete (4.75 Inch/120.65 mm Torpedo Diameter)	64	-
859399T16	GEAR HOUSING ASSEMBLY Complete (4.75 Inch/120.65 mm Torpedo Diameter)	74	-	859399T17	GEAR HOUSING ASSEMBLY Complete (4.75 Inch/120.65 mm Torpedo Diameter)	64	-
859399T17	GEAR HOUSING ASSEMBLY Complete (4.75 Inch/120.65 mm Torpedo Diameter)	74	-	859399T18	GEAR HOUSING ASSEMBLY Basic	64	1
859399T18	GEAR HOUSING ASSEMBLY Basic	70	1	859399T18	GEAR HOUSING ASSEMBLY Basic	74	1
859402	PITOT TUBE	64	4	859403	PLUG	70	2
859403	PLUG	74	2	85944975	TUBING (72.00 Inches Bulk) (Cut to 52 Inches)	12	17
859595T	DRIVER Dual Coil	8	6	8596001	FITTING	54	28
859619T1	FLYWHEEL	14	11	859626A1	FLUSH HOSE KIT (Inlet)	54	27
859671	TIE STRAP (8.00 Inches)	8	19	859769R03	SERVICE MANUAL	2	-
85978571	TUBING (52.00 Inches Bulk) (Cut to 18 Inches)	8	18	86943T	INSTALLER TOOL Needle Bearing - Forward Gear Gear Housing	96	-
8710T20	SWIVEL BRACKET ASSEMBLY Black	58	1	87161	WASHER	4	21
8742A21	TANK ASSEMBLY Remote Oil	90	1	8742A22	TANK ASSEMBLY Remote Oil	90	1
875233A2	HARNESS ASSEMBLY Test	98	-	875252A12	RING SET Piston	52	12
875257A12	RING SET Piston	52	12	875271	FITTING 90 Degree - Brass (.125-27)	34	8
875283	HOSE (2.00 Inches)	30	21	875284001	FILTER Oil - In Line	30	22
8752891	HOSE To Block	30	19	87698	SCREW (#10-16 x 1.250) Stainless Steel	92	46
87735	SEAL Oil Lower	58	5	877613A02	CONNECTOR ASSEMBLY Weather Cap 6 Pin	12	16
877828T02	CONTROL Throttle - Electronic	40	16	877869A07	POWERHEAD ASSEMBLY	20	-
877869A07	POWERHEAD ASSEMBLY	22	-	877869A07	POWERHEAD ASSEMBLY	26	-
877869A07	POWERHEAD ASSEMBLY	28	-	877869A07	POWERHEAD ASSEMBLY	34	-
877869A07	POWERHEAD ASSEMBLY	36	-	877869A07	POWERHEAD ASSEMBLY	42	-
877869A07	POWERHEAD ASSEMBLY	50	-	877869A07	POWERHEAD ASSEMBLY	52	-
877869A07	POWERHEAD ASSEMBLY	54	-	8781051	CHECK VALVE	48	7
878231A6	HARNESS ASSEMBLY Fuse - 100 Ampere	10	31	878235A02	TILT CYLINDER ASSEMBLY	78	11
878239A1	GUIDE KIT (Includes Reference #26)	78	12	878241A02	SHAFT KIT	78	9
878242A1	PISTON ASSEMBLY Memory	78	15	878243A1	GUIDE ASSEMBLY	78	19
8782451	DRIVESHAFT	78	6	878264A1	RESERVOIR KIT	78	20
878264A1	RESERVOIR KIT	82	14	878265A4	TRIM MOTOR	78	1
878267	PIN	78	10	878267	PIN	82	8
878406A1	REPAIR KIT Check Valve (Includes Reference #26)	78	16	878408A1	REPAIR KIT Power Trim	78	25
878408A1	REPAIR KIT Power Trim	82	19	878409A1	O-RING KIT (Includes Reference #26)	78	13
878410A1	PO CHECK KIT	78	7	878412A1	SHOCK ROD KIT (Includes Reference #26)	78	14
878413A1	PISTON ASSEMBLY	78	18	878414A1	PISTON ASSEMBLY	78	17
878608	SCREW (#10-16 x .500)	26	10	878608	SCREW (#10-16 x .500)	28	6
878609	SCREW (#10-16 x .600)	78	35	879845	STOP	16	14
879900	NUT (52 mm)	88	5	879962	CLIP	12	15
880083T1	COVER ASSEMBLY	40	34	880084T	FILTER ASSEMBLY	34	13
880084T	FILTER ASSEMBLY	40	43	880133T12	VAPOR SEPARATOR ASSEMBLY	44	-
880791	PLATE	40	20	880805A1	GEAR KIT	16	3
880816	CLAMP	22	8	881004	PLATE	40	22
881005	ISOLATOR	40	19	881054T10	PISTON ASSEMBLY Standard - Port	52	10
881055T10	PISTON ASSEMBLY Standard - Starboard	52	10	881150Q1	FLUSH KIT Dual Water Pick Up	90	-
881247A1	ALTERNATOR	14	1	881262A2	HARNESS ASSEMBLY Alternator (Alternator)	12	-
8812711	FITTING	38	15	881277T2	ATTENUATOR	40	38

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881288T03	TOP COWL ASSEMBLY Black - Includes All Decals Except Horsepower	4	1	881288T04	TOP COWL ASSEMBLY Silver	4	1
881288T62	TOP COWL ASSEMBLY (Black)	4	1	881288T65	TOP COWL ASSEMBLY (Silver)	4	1
881833A03	GAUGE KIT Air/Fuel Pressure	96	-	881834A1	GAUGE	94	-
881852	STUD M6 x 50	40	17	881865	DECAL Caution-Start in Gear	42	44
881866	FITTING	8	17	881866	FITTING	64	12
881879011	SENSOR Pressure (0 - 100 PSI)	12	11	881879A7	SENSOR KIT (0-50 PSI)	8	14
881908T	CABLE SET	8	4	881938	DRIVESHAFT	64	24
881942	DRIVESHAFT	64	24	881943	DRIVESHAFT	64	24
88238A10	CABLE ASSEMBLY Ground	62	9	88258001	BEARING Needle	52	18
88263	THRUST WASHER	52	17	88270A02	BEARING/RACE KIT	52	8
882751A1	RELAY ASSEMBLY	10	7	882829A1	CABLE ASSEMBLY Starter	10	16
883050	SPACER	30	9	883050	SPACER	44	39
883066	CLIP (.865)	8	16	883066	CLIP (.865)	12	13
883078A05	INJECTOR KIT Air	22	1	883208	PLUG	44	9
883209	O-RING	44	7	883223	SCREW (M6 x 16)	44	4
88334A2	MERCATHODE KIT	92	40	883542	VALVE ASSEMBLY (.375 Inch Diameter)	22	13
883545002	HOSE	44	29	883556	FITTING	44	6
883942	SCREW (M4 x 16)	40	11	88404	TAB WASHER	86	6
884041A1	SOUND BLANKET KIT	4	3	884353	BRACKET	40	28
884380T	FILTER Fuel	44	10	884391	SEAL	48	28
88439A26	CABLE ASSEMBLY Battery - Negative	10	30	88439A46	CABLE ASSEMBLY Battery - Positive	10	15
884522	BRACKET MAP Sensor	40	13	884525T1	TANK Oil	30	5
884526T	PLATE Actuator	18	1	884527	SHIFT SLIDER	18	21
884528	SHIFT RAIL	18	20	884529	SHIFT LINK	18	30
884530	BELL CRANK	18	8	884532001	BUSHING	18	5
884552T06	AIR HANDLER ASSEMBLY	40	-	884554	BUSHING	18	17
884555	BUSHING	18	29	884599	SPACER	18	14
884819	CLIP	44	36	884820	SHRADER VALVE	44	34
884824	STUD (M8 x 50)	18	35	885342002	SENSOR ASSEMBLY	40	14
885342002	SENSOR ASSEMBLY	48	35	885553	HOSE	30	13
885569	SPLIT RING	18	13	885599004	THERMOSTAT 54 Degree C/130 Degree F	48	30
88750	WASHER	60	7	887601	COVER Thermostat	48	32
887602	COVER Thermostat	48	32	887603	FITTING	54	9
887609	PLUG	30	15	887630	HOSE Molded	34	9
887767K03	SWITCH KIT Start/Stop - Triple	88	-	887767K03	SWITCH KIT Start/Stop - Triple	90	-
887801	FITTING Elbow 90 Degree (.0625-27)	26	1	887801	FITTING Elbow 90 Degree (.0625-27)	26	2
887801	FITTING Elbow 90 Degree (.0625-27)	28	7	887901	BUSHING	18	28
887979A2	SWITCH KIT Tilt Limit	90	-	88807A6	CABLE ASSEMBLY (3.50 Inches) Black	18	16
888416T03	HARNESS ASSEMBLY	12	7	888435	BRACKET	50	46
888493	ELBOW	20	19	888589	WEAR SLEEVE	18	9
888725T02	PUMP ASSEMBLY Fuel - High Pressure	44	13	888733T02	PUMP ASSEMBLY Boost	44	19
888827	HOSE/SLEEVE	34	10	888852	SEAL Fuel Director	22	33
888910	PLATE	54	23	88907003	GASKET	54	17
88907003	GASKET Relief Valve Cover & Plate	100	0	889222K02	TACHOMETER KIT 0-7000 RPM White Face	90	-
889222K03	TACHOMETER KIT 0-7000 RPM Gray Face	90	-	889223K12	TACH/SPEED SINGLE ENGINE HELM KIT SC1000 White Face	90	-
889223K14	TACH/SPEED SINGE ENGINE HELM KIT SC1000 Gray Face	90	-	889246A97	GASKET KIT	6	4
889310	HOSE Fuel Supply To Vapor Separator	22	25	889311	HOSE Fuel By Pass	22	26
889314	HOSE Air By-Pass	34	6	889316	O-RING	44	21
8893162	O-RING	44	15	889316A1	O-RING KIT Vapor Seperator	44	-
889317T02	COVER KIT	44	1	889318001	PLATE Baffle	44	3
889319001	GASKET	44	5	889320A1	FLOAT KIT	44	11
889321	SEAL	44	16	889322	GROMMET	44	20
889323	SEAL	44	22	889324T03	BOWL KIT	44	23
889325A02	WIRE	44	24	889326A1	VALVE KIT Inlet	44	27
889327002	SCREW Drain	44	28	889328	RETAINER	44	17
889329	FITTING	44	8	889330	SENSOR Water	44	30
889430	INSERT	44	33	889452	NUT	40	18
889453007	PARTS MANUAL 200/225 DFI (3.0L)(DTS)	2	-	889514A01	SWITCH	18	22
88957T	BEARING Ball	70	22	889594001	CLAMP	40	21

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Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
889597001	SPARK PLUG	8	5	889639A02	PISTON ASSEMBLY	52	10
889640A02	PISTON ASSEMBLY	52	10	889641A02	PISTON ASSEMBLY	52	10
889642A02	PISTON ASSEMBLY	52	10	889661	WASHER Rubber	18	37
889675A01	TOOL Shunt 14-Pin	98	-	891520001	CLIP	10	25
891570050	SCREW (M8 x 50)	48	34	891633T01	BEZEL	88	2
891778	O-RING	44	35	89219001	PLUG	40	36
892218	GASKET	88	4	892251A01	PUMP KIT	78	24
892295F01	BRACKET	12	8	892339T01	STARTER MOTOR ASSEMBLY	16	1
892403	FITTING	8	15	892403	FITTING	12	12
892564005	DECAL Horsepower 200	4	-	892564006	DECAL Horsepower 225	4	-
892830053	HOSE (24.00 Inches Braided) Cut to 22 Inches To Center of Oil Pump	30	24	892927T	SCREW (#6-32 x .250)	88	3
892972T01	HARNESS ASSEMBLY Coil	8	22	892974T03	HARNESS ASSEMBLY Engine	12	1
89302	WASHER (.203 x .406 x .040)	58	19	895747T02	FUEL RAIL ASSEMBLY Complete	22	-
896522	O-RING (799 x .103)	64	20	896523	O-RING (2.175 x .103)	66	34
896524	O-RING (3.850 x .210)	70	23	896524	O-RING (3.850 x .210)	76	30
896602	NUT (M14)	62	14	896620001	SWITCH Trim	6	16
896661	TOOL Fuel Filter	98	-	896688001	SENDER ASSEMBLY Trim	58	16
896699	O-RING (1.78 mm x .08 mm)	40	15	896699	O-RING (1.78 mm x .08 mm)	48	36
896845001	SHIFT SHAFT (Long)	18	31	896845002	SHIFT SHAFT (X-Long)	18	31
896845003	SHIFT SHAFT (XX-Long)	18	31	896895	NUT (M12)	62	6
896963	NUT (M12)	58	26	89790701T	PCM Propulsion Control Module	10	20
89790702T	PCM Propulsion Control Module	10	20	898097	WASHER	18	6
898097	WASHER	18	11	898834	BOLT (M14 x 178)	62	8
89897	HOLDING TOOL Dial Indicator Gear Housing	96	-	899162A06	CYLINDER BLOCK ASSEMBLY	48	1
899883A08	TEST TOOL Direct Injector	98	-	8M0000517	SCREW (M12 x 190)	58	21
8M0001136	COVER Lower Mount	62	18	8M0005663	J CLIP	50	52
8M0005664	HOSE Molded	34	11	8M0005665	HOSE Molded	34	15
8M0005677	MUFFLER	34	14	8M0010389	BRACKET ASSEMBLY Cowl	4	8
8M0011984	SEAL	6	25	8M0026098	COUPLER 15 In.	86	16
8M0026167	STEERING EYE	86	13	8M0027417	COUPLER Shift Shaft	54	38
8M0033366	SCREW (.500-20 x 5 Inches)	60	9	8M0034457	STUD (M10 x 85)	14	6
8M0034918	COLLAR	16	13	8M0041651	NUT (.875-14)	84	5
8M0045380	SCREW (M8 x 50)	38	29	8M0048114	SHIFT ACTUATOR	18	4
8M0060141	MANUAL RELEASE KIT	82	6	8M0065258	BRUSH SET	16	5
8M0075369	TOP COWL ASSEMBLY Mercury, Without decals	4	1	8M0075371	TOP COWL ASSEMBLY Mariner, Without decals	4	1
8M0075372	TOP COWL ASSEMBLY Mercury, Without decals	4	1	8M0090403	COUPLING Drive	82	4
8M0094889	PIN	82	22	8M0142341	POWER TRIM ASSEMBLY	82	-
8M0142591	MOTOR KIT	82	1	8M0142996	PO CHECK KIT	82	5
8M0142997	TILT SHAFT KIT	82	7	8M0142998	TILT CYLINDER ASSEMBLY	82	9
8M0142999	O RING KIT TILT CYLINDER	82	10	8M0143000	MEMORY PISTON KIT	82	11
8M0143001	PISTON ASSEMBLY	82	12	8M0143003	END CAP ASSEMBLY	82	13
8M0143004	PUMP KIT	82	18	8M0143005	SHOCK ROD KIT	82	23
903509	STUD (M10 x 1.5 x 64)	48	4	904551	LIFTING EYE Powerhead	94	-
91800	KEY Woodruff	52	6	92721	WASHER	64	17
92876A12	LINK ROD ASSEMBLY	58	29	92876A8	ATTACHING KIT Steering	84	-
92876A9	EXTENSION KIT Dual Engine	86	-	92973A1	MANDREL TOOL Piston Pin Powerhead	94	-
93003	PROPELLER SHAFT Gear Housing	98	-	93004A2	INSTALLATION TOOL Lock Ring Powerhead	94	-
93388A1	CABLE ASSEMBLY (6.00 Inches) Black	16	7	93702	WASHER (.250 External Star)	4	6
94319	SCREW (.375-24 x 1.5)	86	20	94320	SCREW (.375-24 x 1.250)	52	14
94848	FITTING	54	37	95084A10	CABLE ASSEMBLY (5.00 Inches) Red	92	48
95084A13	CABLE ASSEMBLY (64.00 Inches)	92	49	9643	SCREW	44	18
9784A11	CRANKSHAFT ASSEMBLY	52	1	9787A4	END CAP ASSEMBLY	48	19
97931	TUBING (4.00 Inches)	86	15	98727	FITTING Grease Port	60	3
987691	GASKET	20	12	987691	GASKET Fuel Pump	100	0
987752	PLATE	20	13	99379	TIMING LIGHT Electrical/Ignition	94	-
99439	HOSE (114.00 Inches)	90	12	99615	PIN Groove	60	18
99617	PIN	60	19	99625002	SHAFT	78	32
99629T2	LEVER ASSEMBLY Tilt Lock	60	13	996301	STRIKER PLATE	58	11
99633	KNOB	60	17	996642	FITTING Elbow 90 Degree (.125-27 x .250) Nylon	20	14
996642	FITTING Elbow 90 Degree (.125-27 x .250) Nylon	36	12	996642	FITTING Elbow 90 Degree (.125-27 x .250) Nylon	38	18

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99750A1	MULTI METER Electrical/Ignition	94	-	99750A1	MULTI METER Trim/Tilt System	94	-
99750A1	MULTI METER	96	-	99802	TUBE	90	11
F10064	SHAFT	44	12	FT8950	TESTER KIT Gear Housing	96	-
NS	NOT SHOWN See Accessory Guide-Propellers-For Appropriate Hardware. (Thrust Washers/Nuts)	70	-	NS	NOT SHOWN See Accessory Guide-Propellers-For Appropriate Hardware. (Thrust Washers/Nuts)	76	-
NSS	NOT SOLD SEPARATE Sound Blanket-Top	4	4	NSS	NOT SOLD SEPARATE Sound Blanket-Port	4	5
NSS	NOT SOLD SEPARATE Pin	4	9	NSS	NOT SOLD SEPARATE Decal-Break-In	4	22
NSS	NOT SOLD SEPARATE Decal-Counter Rotation	4	23	NSS	NOT SOLD SEPARATE Clamp-Lower	6	18
NSS	NOT SOLD SEPARATE Strap	6	20	NSS	NOT SOLD SEPARATE Thru Bolt	16	2
NSS	NOT SOLD SEPARATE Cotter Pin (See Outboard Parts Bulletin 2003-10)	18	15	NSS	NOT SOLD SEPARATE Fuel Pump	20	1
NSS	NOT SOLD SEPARATE Diaphragm	20	3	NSS	NOT SOLD SEPARATE Retainer	20	4
NSS	NOT SOLD SEPARATE Spring	20	5	NSS	NOT SOLD SEPARATE Cap	20	6
NSS	NOT SOLD SEPARATE Spring	20	7	NSS	NOT SOLD SEPARATE Cap	20	8
NSS	NOT SOLD SEPARATE Diaphragm	20	9	NSS	NOT SOLD SEPARATE Gasket-Boost	20	10
NSS	NOT SOLD SEPARATE Gasket-Pulse	20	11	NSS	NOT SOLD SEPARATE Fuel Rail-Port	22	3
NSS	NOT SOLD SEPARATE Fuel Rail-Starboard	22	4	NSS	NOT SOLD SEPARATE Decal-Reservoir	30	6
NSS	NOT SOLD SEPARATE Plug	30	23	NSS	NOT SOLD SEPARATE Snap Ring	38	3
NSS	NOT SOLD SEPARATE Piston assembly	38	8	NSS	NOT SOLD SEPARATE Seal	40	41
NSS	NOT SOLD SEPARATE Seat	44	2	NSS	NOT SOLD SEPARATE Check Valve	44	25
NSS	NOT SOLD SEPARATE Needle Roller	52	9	NSS	NOT SOLD SEPARATE Needle Roller Bearing	52	16
NSS	NOT SOLD SEPARATE Decal-Serial Overlamine	58	15	NSS	NOT SOLD SEPARATE Pinion Gear (1.75:1 - 12/21)(Part of 43-859321A3 or 43-828695A1)	64	16
NSS	NOT SOLD SEPARATE Cup	64	27	NSS	NOT SOLD SEPARATE Cup	66	31
NSS	NOT SOLD SEPARATE Shift Spool	70	5	NSS	NOT SOLD SEPARATE Sleeve	70	7
NSS	NOT SOLD SEPARATE Cup	70	11	NSS	NOT SOLD SEPARATE Spool	74	5
NSS	NOT SOLD SEPARATE Sleeve	74	6	NSS	NOT SOLD SEPARATE Decal- Counter Rotation	76	39
NSS	NOT SOLD SEPARATE Armature	78	2	NSS	NOT SOLD SEPARATE End Frame	78	3
NSS	NOT SOLD SEPARATE Start/Stop Pad and Base	88	1	NSS	NOT SOLD SEPARATE Diaphragm	100	0
NSS	NOT SOLD SEPARATE Retainer	100	0	NSS	NOT SOLD SEPARATE Spring	100	0
NSS	NOT SOLD SEPARATE Cap	100	0	NSS	NOT SOLD SEPARATE Spring-Boost	100	0
NSS	NOT SOLD SEPARATE Cap-Spring End	100	0	NSS	NOT SOLD SEPARATE Gasket-Boost	100	0
NSS	NOT SOLD SEPARATE Gasket-Pulse	100	0				