

Parts Manual

Cat.# 90-8M0169885

Revised 09-26-2020

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Service/Support Material

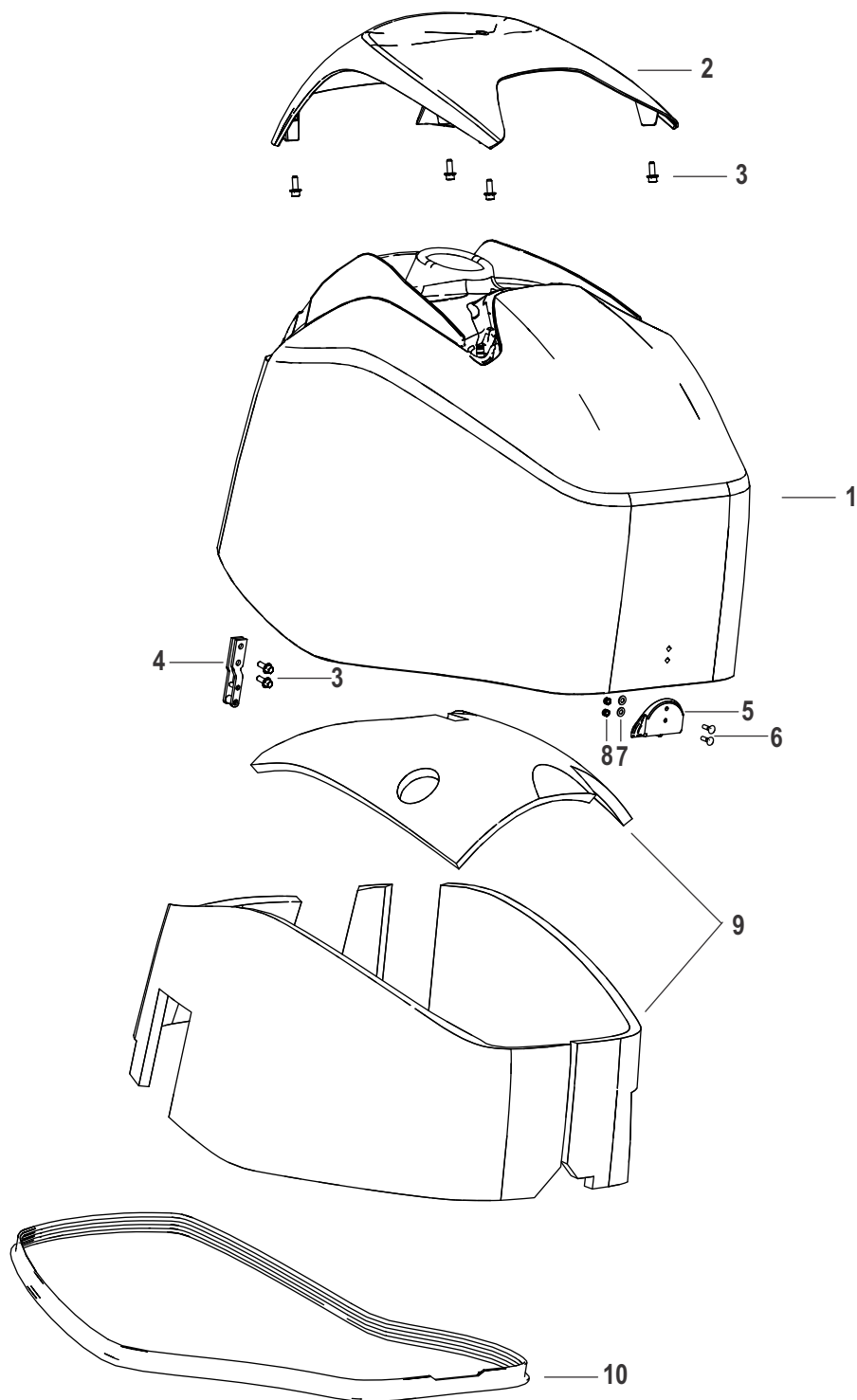
Cat.# 90-8M0169885

Service/Support Material

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-		8M0169885	PARTS MANUAL 60R HP FourStroke		1	
-	0090	8M0167149	OPERATION / INSTALL MANUAL 60R Race		1	

Service/Support Material

Top Cowl

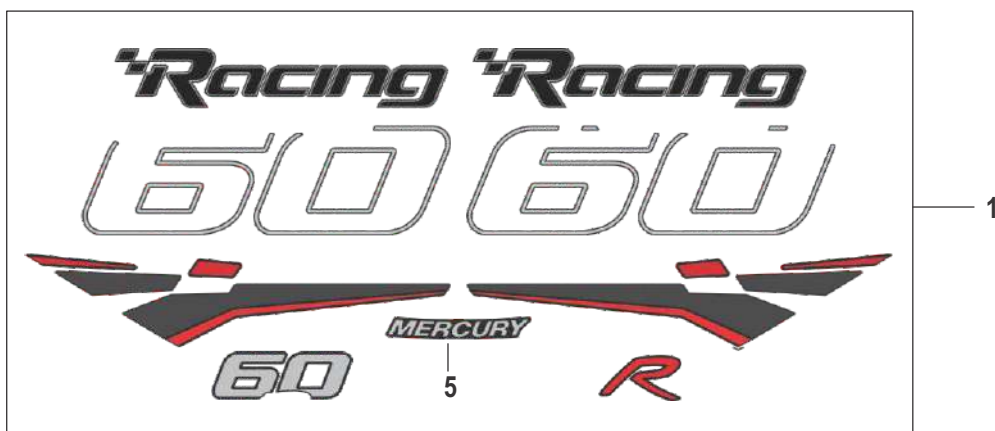


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Top Cowl

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0100	8M0118165	TOP COWL ASSEMBLY Mercury, Non Decaled		1	
2	0000	8M0159887	CAP Air Dam, Mercury		1	
3	0010	8M0103805	SCREW (M6 x 16MM) Stainless Steel		6	
4	0000	8M0006055	BRACKET Rear Latch		1	
5	0000	826291T02	BRACKET Front Latch		1	
6	0010	8231871	SCREW (M4 x 14.5)		2	
7	0012	89302	WASHER (.203 x .406 x .040)		2	
8	0011	400632	NUT		2	
9	0000	8M0166308	SOUND BLANKET KIT 3 Cylinder		1	
10	0000	8M0109278	SEAL		1	

Decals Top Cowl



2



3



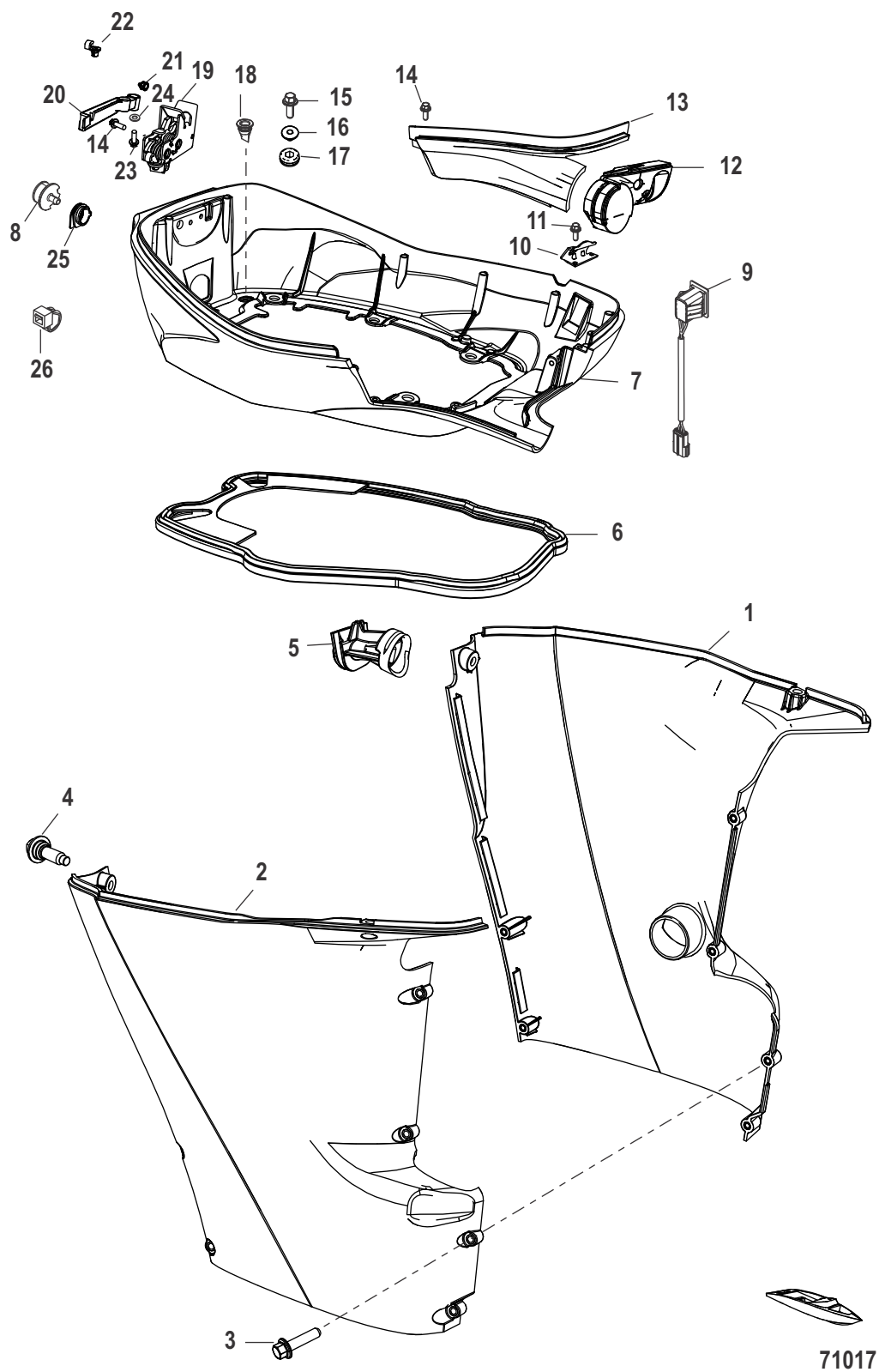
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Decals Top Cowl

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0037	8M0171547	DECAL SET Top Cowl		1	
2	0037	8M0080154	DECAL M-ICON, Blue	Front	1	
3	0037	8M0151525	DECAL MICON 53 MM, Racing	Rear	1	
4	0037	8M0056643	DECAL Read Manual	Rear	1	
5	0037	8M0159886	DECAL Lenz, Mercury		1	

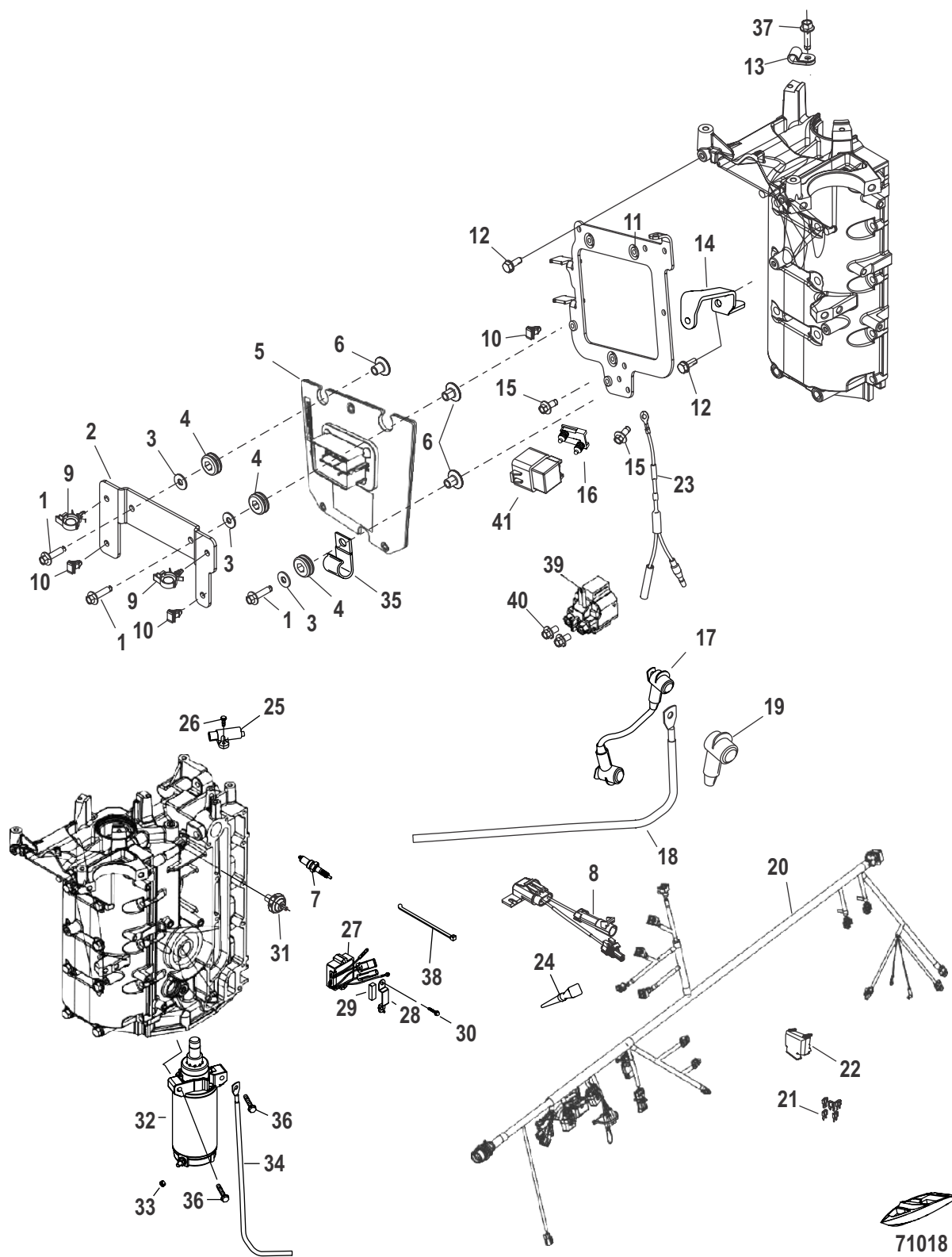
Lower Cowl



Lower Cowl

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	8M8025322	CHAP Port		1	
2	0000	8M8025323	CHAP Starboard		1	
3	0010	8M0022324	SCREW (M6 x 25 MM)		6	
4	0010	892073002	SHOULDER SCREW (M6)		4	
5	0000	8M0151037	BOOT Idle Exhaust		1	
6	0000	8M0026035	SEAL		1	
7	0000	889246T99	PAN		1	
8	0022	827948	FITTING	Tell Tale	1	
9	0087	8M0042300	SWITCH Trim		1	
10	0000	8M0151055	HOOK Front Pan		1	
11	0010	8M0103806	SCREW (M6 x 20 MM) Stainless Steel		2	
12	0000	8M4502035	GROMMET		1	
13	0000	879147T24	CAP		1	
14	0010	8M0103806	SCREW (M6 x 20 MM) Stainless Steel		3	
15	0010	8M0103807	SCREW (M6 x 25 MM) Stainless Steel		6	
16	0023	856954	BUSHING		6	
17	0025	8M0025696	GROMMET		6	
18	0000	888819002	DRAIN Cowl		2	
19	0000	822426T03	LATCH ASSEMBLY Rear		1	
20		NSS	NOT SOLD SEPARATE Handle-Rear Latch		1	
21	0000	8M0006060	SEAL		1	
22	0000	8M0006054	RETAINER		1	
23	0010	88552514	SCREW (M6 x 14 MM) Stainless Steel		1	
24	0012	897936	WASHER		1	
25	0025	8M0151043	GROMMET		1	
26	0054	850181	TIE STRAP (11.750 Inches)		A/R	

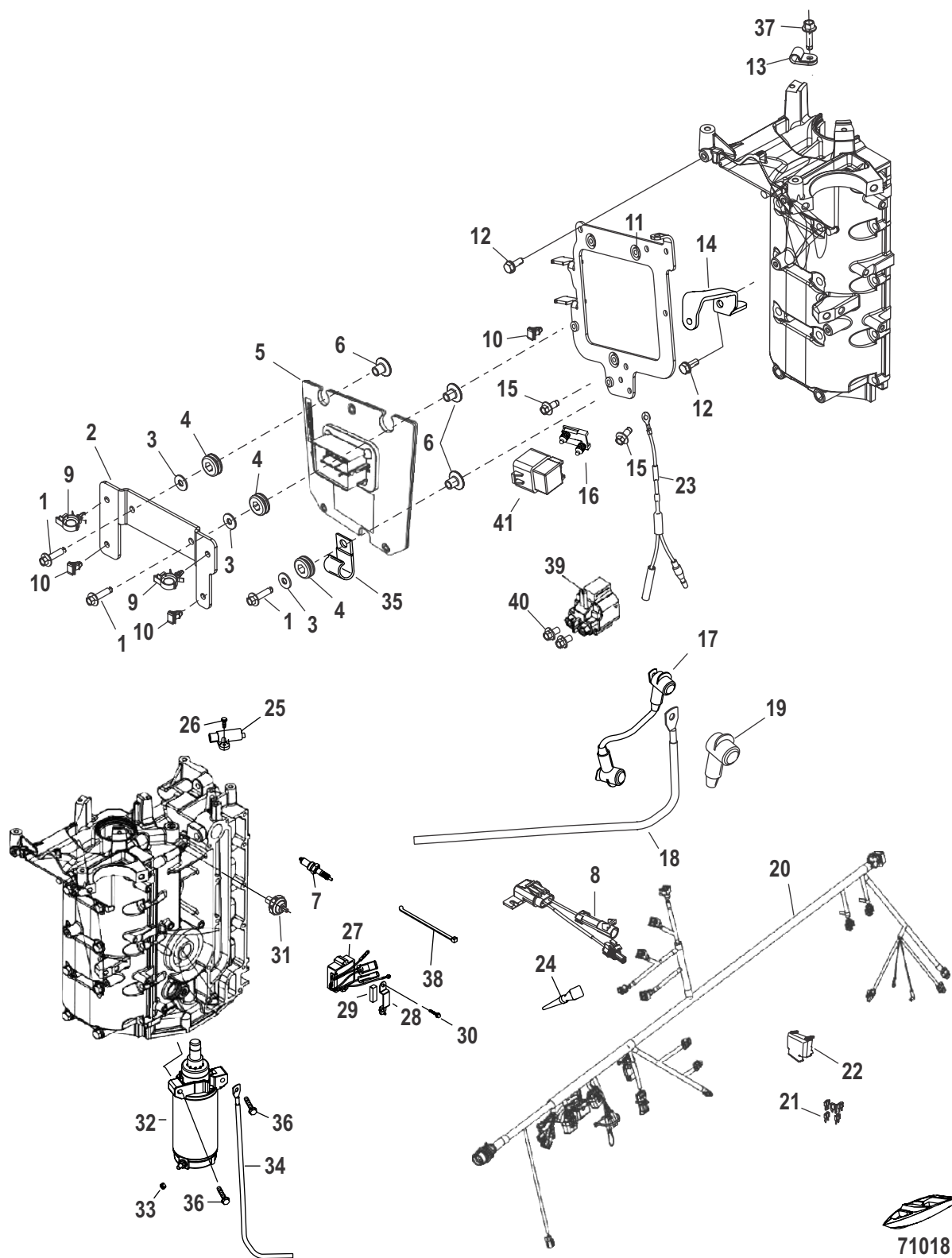
Electrical Components



Electrical Components

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0010	82129125	SCREW (M6 x 25 MM)		3	
2	0000	893774002	BRACKET		1	
3	0012	4002316	WASHER (6.60 X 17.0 X 1.5SS)		3	
4	0025	834985	GROMMET		3	
5		8M0171548	PCM, Propulsion Control Module 60R HP FourStroke		1	
6	0023	856954	BUSHING		3	
7	0033	883323001	SPARK PLUG		4	
8	0084	897940T01	HARNESS ASSEMBLY Fuse		1	
9	0054	858954	CLIP (.625)		2	
10	0054	879962	CLIP Part of Electrical Harness		3	
11	0000	8M0118185	PLATE		1	
12	0010	8248324	SCREW (M6 x 16)		3	
13	0054	24836	CLIP		1	
14	0000	8M0107175	BRACE		1	
15	0010	82129114	SCREW (M6 x 14)		3	
16	0000	893768	PLATE Solenoid		1	
17	0084	93388A16	CABLE ASSEMBLY (8.50 Inches)		1	
18	0084	88439A9	CABLE ASSEMBLY Battery - Positive		1	
19	0085	880786	BOOT Insulator - Red		1	
20	0084	8M0120118	HARNESS ASSEMBLY Engine, 4 Cyl		1	
21	0088	832969T20	FUSE Mini - Yellow - 20 Ampere		3	
21	0088	832969T25	FUSE Mini - Clear - 25 Ampere		1	
21	0088	832969T05	FUSE Mini - Tan - 5 Ampere		1	
21	0088	832969T15	FUSE Mini - Blue - 15 Ampere		1	
21	0088	8329692	FUSE Mini - Gray - 2 Ampere		1	
22	0000	8M0045270	COVER		1	
23	0084	883834T01	CABLE ASSEMBLY Diode		1	
24	0000	13541	PLUG Male		1	
25	0000	8M0082988	SENSOR Crankshaft Position Crank Position		1	
26	0010	40011107	SCREW (M5 x 16) Stainless Steel		2	
27	0000	893640T01	REGULATOR Voltage		1	
28	0000	893771	BRACKET Connector		1	
29	0000	8308971	FOAM PAD		1	
30	0010	8248329	SCREW (M6 x 40)		2	
31	0087	8M0098207	SWITCH Oil Pressure		1	[1]
32	0050	893888T	STARTER MOTOR ASSEMBLY Complete		1	
33	0011	94330	NUT (.250-20) Brass		1	
34	0084	88439A4	CABLE ASSEMBLY Battery - Negative		1	
35	0054	65292	J CLIP		1	
36	0010	40011153	SCREW (M8 x 45) Stainless Steel		3	
37	0010	82239312	SCREW (M5 x 12)		1	

Electrical Components



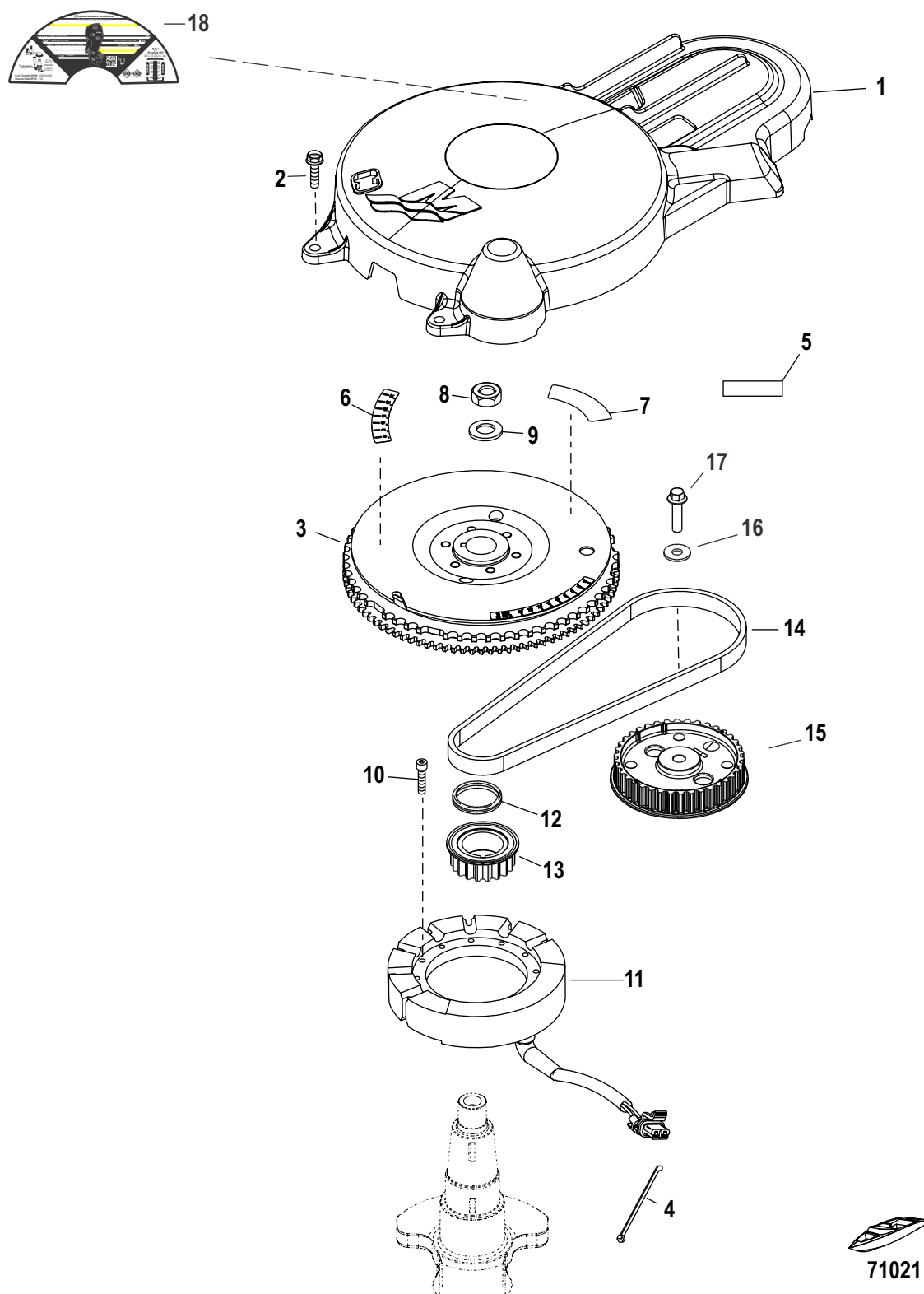
Electrical Components

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
38	0054	816311T	TIE STRAP (8.00 Inches)		AR	
39	0089	8M0098898	RELAY		1	
40	0010	8M0085874	SCREW		2	
-	0037	8272822	DECAL Warning High Voltage		1	
-	0061	893678T03	POWERHEAD ASSEMBLY		1	

PART NOTES:

[1] - COMPONENT OF POWERHEAD/PARTIAL ENGINE 893678T03

Flywheel



Flywheel

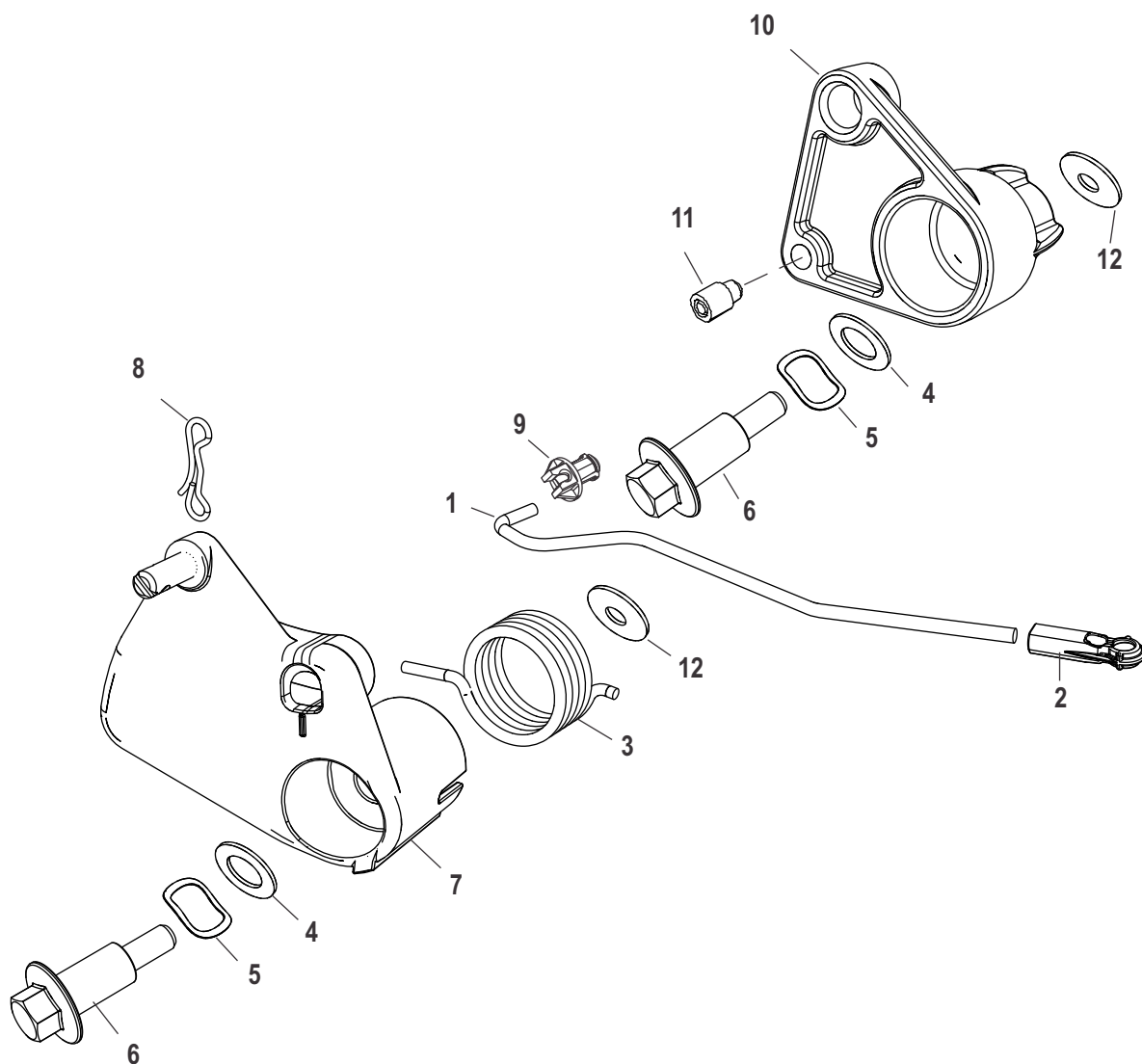
Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	859284T2	FLYWHEEL COVER		1	
2	0010	8248326	SCREW (M6 x 25 MM)		4	
3	0200	8M0118173	FLYWHEEL ASSEMBLY		1	
4	0054	816311T	TIE STRAP (8.00 Inches)		1	
5		NSS	NOT SOLD SEPARATE Decal- Warning Spinning Flywheel		1	
6		NSS	NOT SOLD SEPARATE Decal- Timing Marks		1	
7		NSS	NOT SOLD SEPARATE Decal- Warning-Neutral		1	
8	0011	893789	NUT		1	
9	0012	893762	WASHER (18 X 36 X 3)		1	
10	0010	4013930	SCREW (M5 x 30)		3	
11	0398	878143T05	STATOR		1	
12	0000	834838	LOAD RING		1	
13	0000	833102T	GEAR Drive		1	
14	0057	8M0151040	BELT Timing		1	
15	0000	833104T6	GEAR Driven		1	
16	0010	82761140	SCREW (M10 x 40)		1	
17	0012	4002320	WASHER		1	
18	0037	8M0171549	DECAL Maintenance Schedule		1	



Ignition Coil Mounting

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	8M0044994	COIL PLATE		1	
2	0300	8M0044991	IGNITION COIL Ignition Dual Output		2	
3	0084	881908T	CABLE SET		1	
4	0010	82129130	SCREW (M6 x 30)		4	
5	0000	882751A1	RELAY ASSEMBLY		3	
6	0000	828102	BRACKET		1	
7	0025	818967	GROMMET		1	
8	0023	818968	BUSHING		3	
9	0010	82129125	SCREW (M6 x 25 MM)		1	
10	0054	65292	J CLIP		1	
11	0010	82129110	SCREW (M6 x 10)		1	
12	0023	856954	BUSHING		3	
13	0025	834985	GROMMET		3	
14	0010	8M0103807	SCREW (M6 x 25 MM) Stainless Steel		3	
15	0012	4002316	WASHER (6.60 X 17.0 X 1.5SS)		3	
16	0054	898454	CLIP (19 mm)		1	
17	0084	826802T36	HARNESS ASSEMBLY Trim		1	
18	0054	8M0108769	CLIP		1	

Throttle Linkage Remote

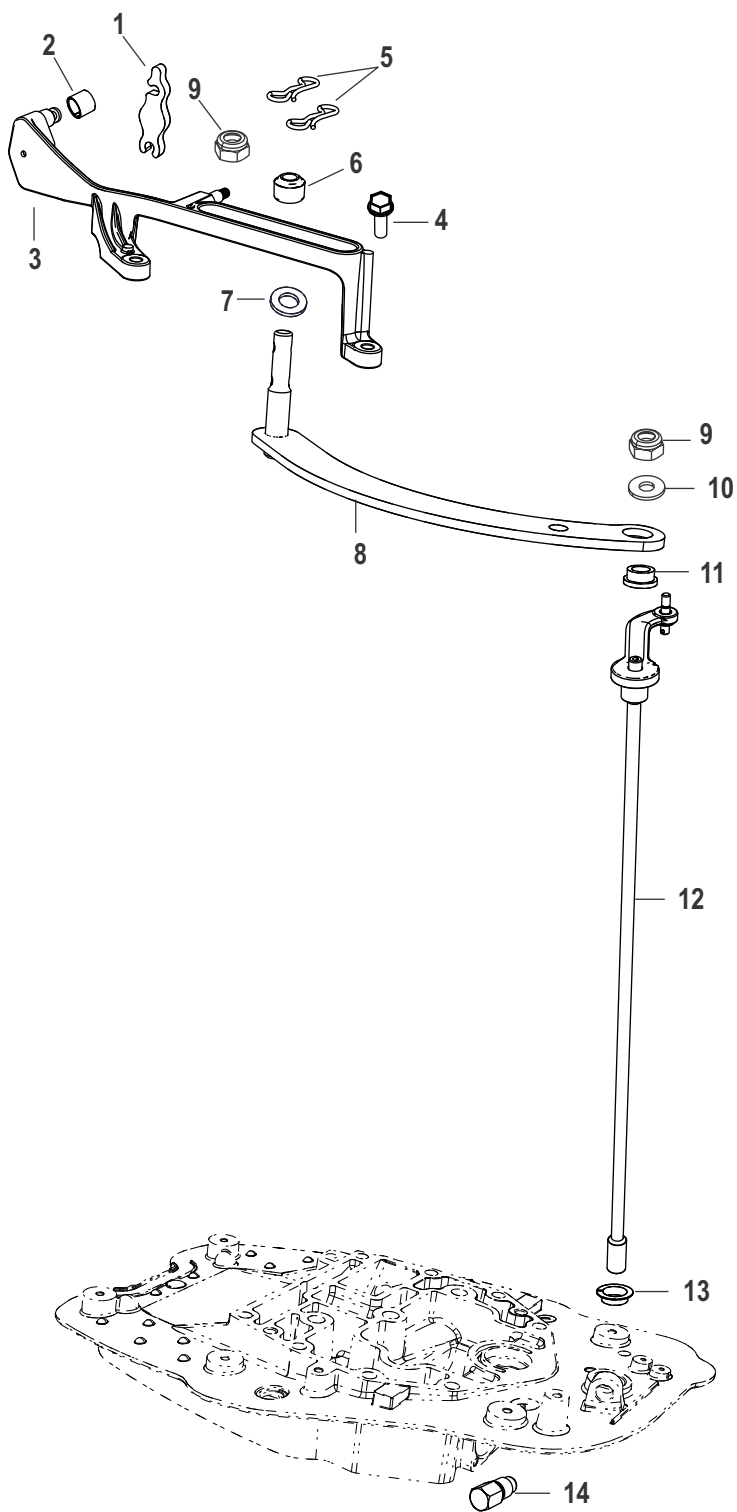


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Throttle Linkage Remote

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	8M0006021	LINK ASSEMBLY Throttle		1	
2	0000	8M0084742	SOCKET		1	
3	0024	897535005	SPRING Throttle Cam Return		1	
4	0012	897937	WASHER		2	
5	0013	898093	WASHER Wave		2	
6	0010	8M0071815	BOLT Shoulder, Throttle Lever		2	
7	0000	8M0021603	CAM Throttle		1	
8	0000	8M0001157	PIN Bow Tie Clip		1	
9	0023	932481	BUSHING		1	
10	0000	8M0008317	FOLLOWER Cam		1	
11	0000	8M0037159	ROLLER		1	
12	0012	897936	WASHER		2	

Shift Linkage Remote

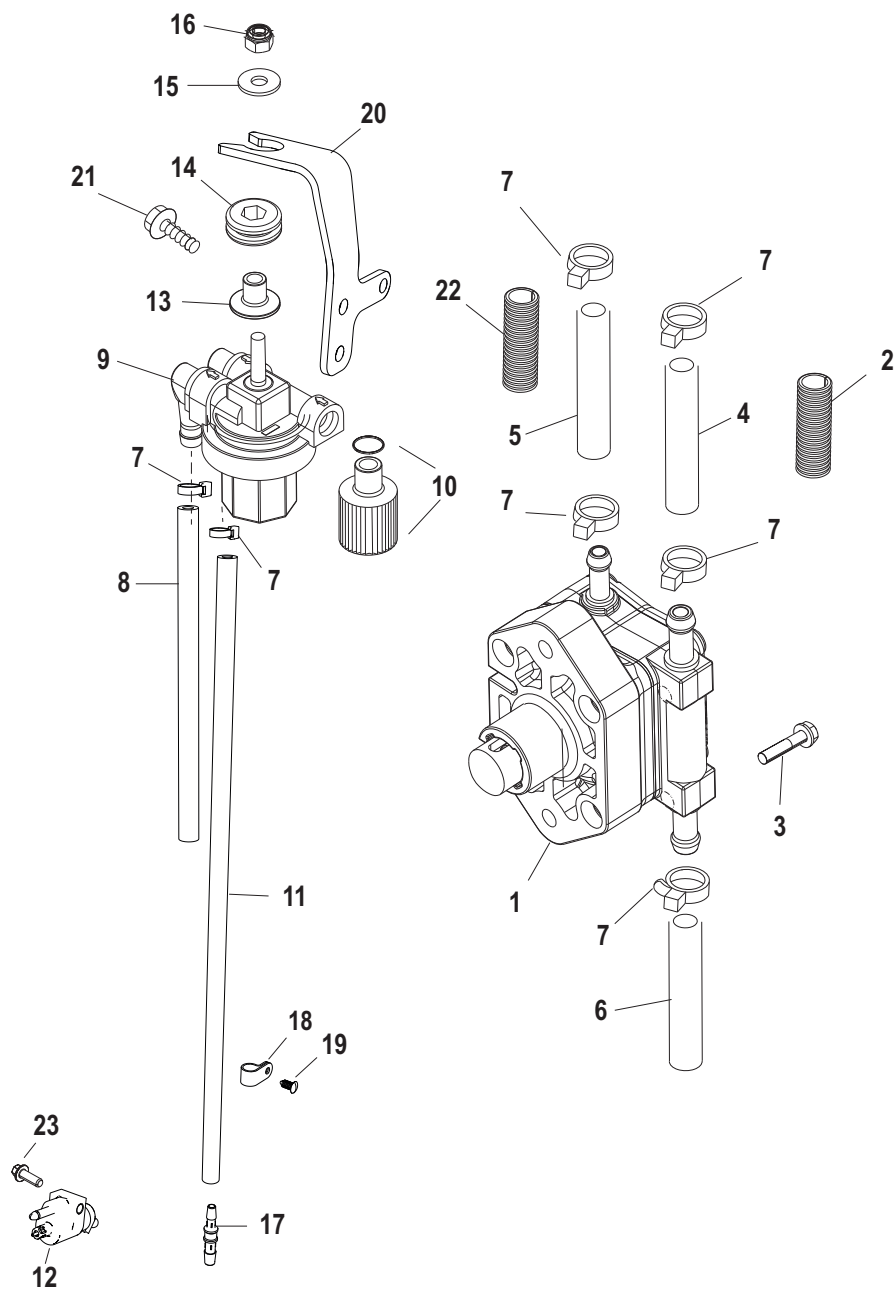


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Shift Linkage Remote

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	899044	LATCH		1	
2	0000	824015	CUP Barrel Retainer		1	
3	0000	8M0007243	BRACKET		1	
4	0010	1993720	SCREW (M6 x 20)		2	
5	0000	8M0001157	PIN Bow Tie Clip		2	
6	0000	899042	ROLLER		1	
7	0012	888832	WASHER		1	
8	0000	899041	LINK Shift		1	
9	0011	401386	NUT (M6) Stainless Steel		2	
10	0012	35462	WASHER (.2656 x .625 x .0625) Stainless Steel		2	
11	0023	892263	BUSHING		1	
12	0000	8M0091611	SHIFT SHAFT Upper, Short		1	
13	0023	74647	NYLINER		1	
14	0000	888823001	SHIFT DETENT ASSEMBLY		1	

Fuel Pump

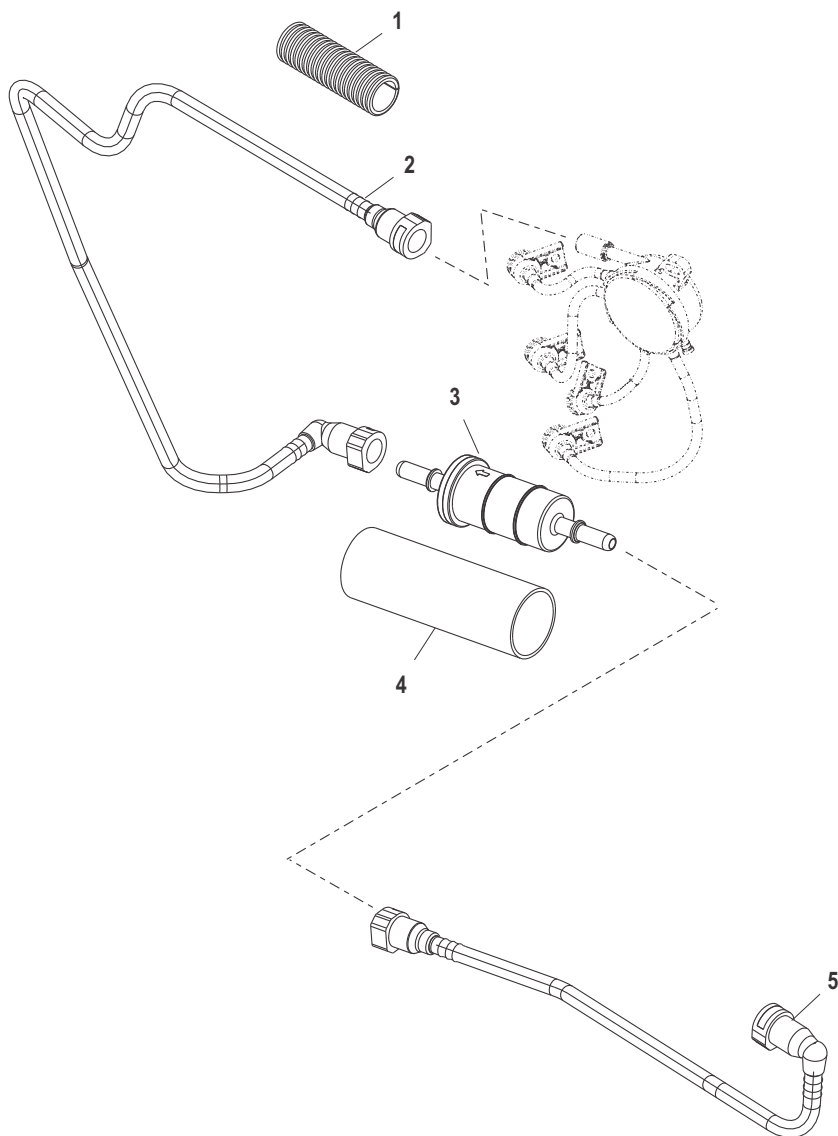


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Fuel Pump

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	8M0141827	PUMP ASSEMBLY		1	
2	0032	828547T1	CONDUIT (.500 Inside Diameter x 3.00 Feet Bulk) Cut to 26 Inches		1	
3	0010	82684430	SCREW (M6 x 30)		2	
4	0032	8M0108349	HOSE (70 Inches Bulk) To VST Cooler - Cut to 37 Inches		1	
5	0032	8M0108355	HOSE (57 Inches Bulk) To Vapor Separator Cover - Cut to 16.5 Inches		1	
6	0032	8M0108349	HOSE (70 Inches Bulk) To Telltale - Cut to 6 Inches		1	
7	0054	888988023	CLAMP		AR	
8	0032	8M0108355	HOSE (57 Inches Bulk) Cut to 8 Inches		1	
9	0035	879884T	FILTER ASSEMBLY Fuel		1	
10	0035	8M0149607	FUEL FILTER KIT		1	
11	0032	8M0108355	HOSE (57 Inches Bulk) Cut to 34 Inches		1	
12	0022	8M0148584	FUEL CONNECTOR	Handle	1	
13	0023	856954	BUSHING		1	
14	0025	834985	GROMMET		1	
15	0012	4002316	WASHER (6.60 X 17.0 X 1.5SS)		1	
16	0011	401196	NUT (M6)		1	
17	0022	8M0022500	FITTING Reducer		1	
18	0054	8M0022218	CLAMP		4	
19	0010	8M0022331	SCREW Ratchet		4	
20	0000	893772	BRACKET		1	
21	0010	40011126	SCREW (M6 x 13) Stainless Steel		2	
22	0032	828547633	CONDUIT (.620 Inside Diameter x 3.00 Feet Bulk)		1	
23	0010	88552535	SCREW (M6 x 35 MM) Stainless Steel		1	

Fuel Lines

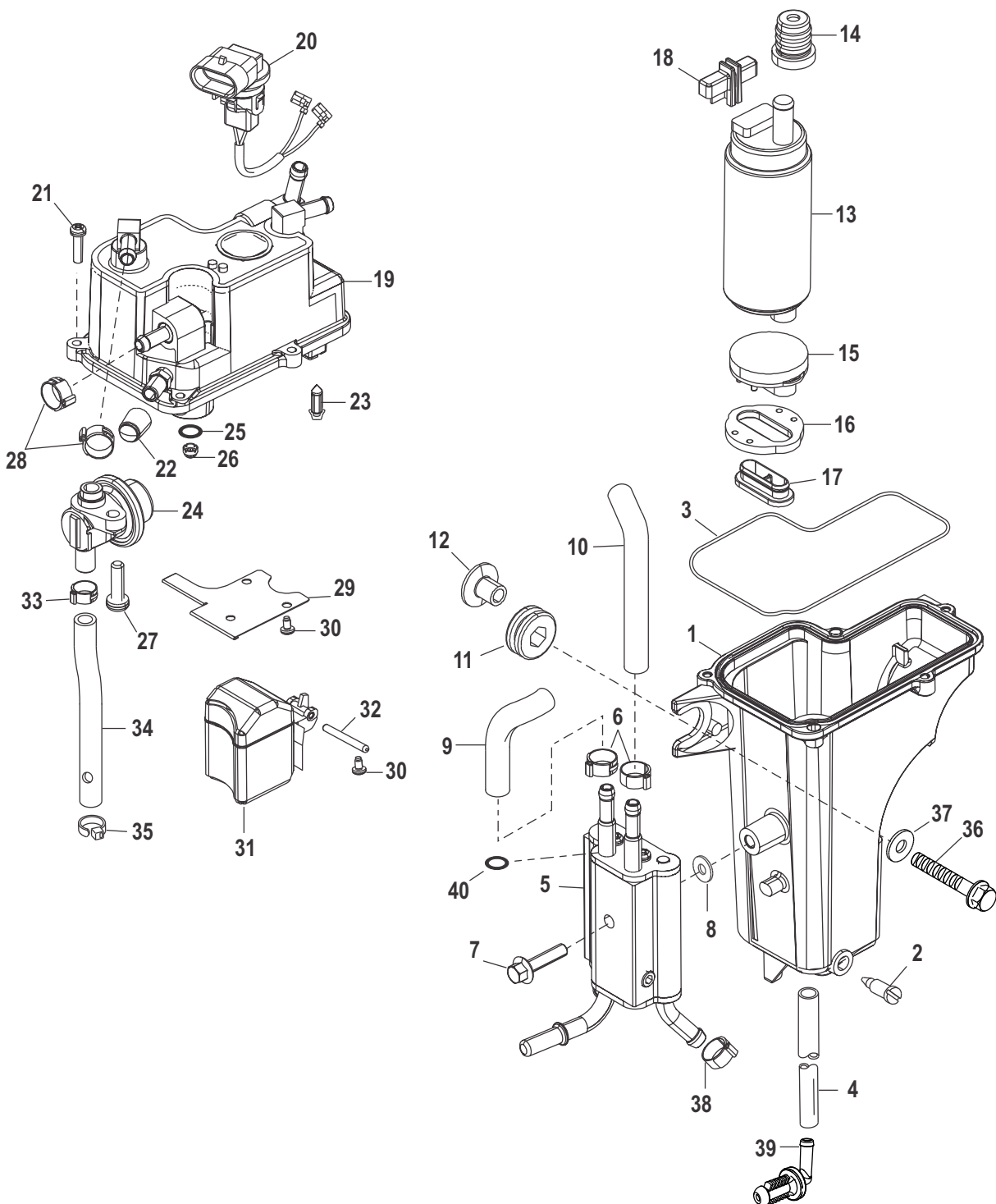


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Fuel Lines

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0032	828547353	CONDUIT (.350 Inside Diameter x 3.00 Feet Bulk) Cut to 24 Inches		1	
2	0032	8M0086956	LINE Fuel		1	
3	0035	8M0156648	FUEL FILTER High Pressure		1	
4	0000	8775381	PROTECTIVE SLEEVE		1	
5	0032	8M0111510	LINE Fuel		1	

Vapor Separator

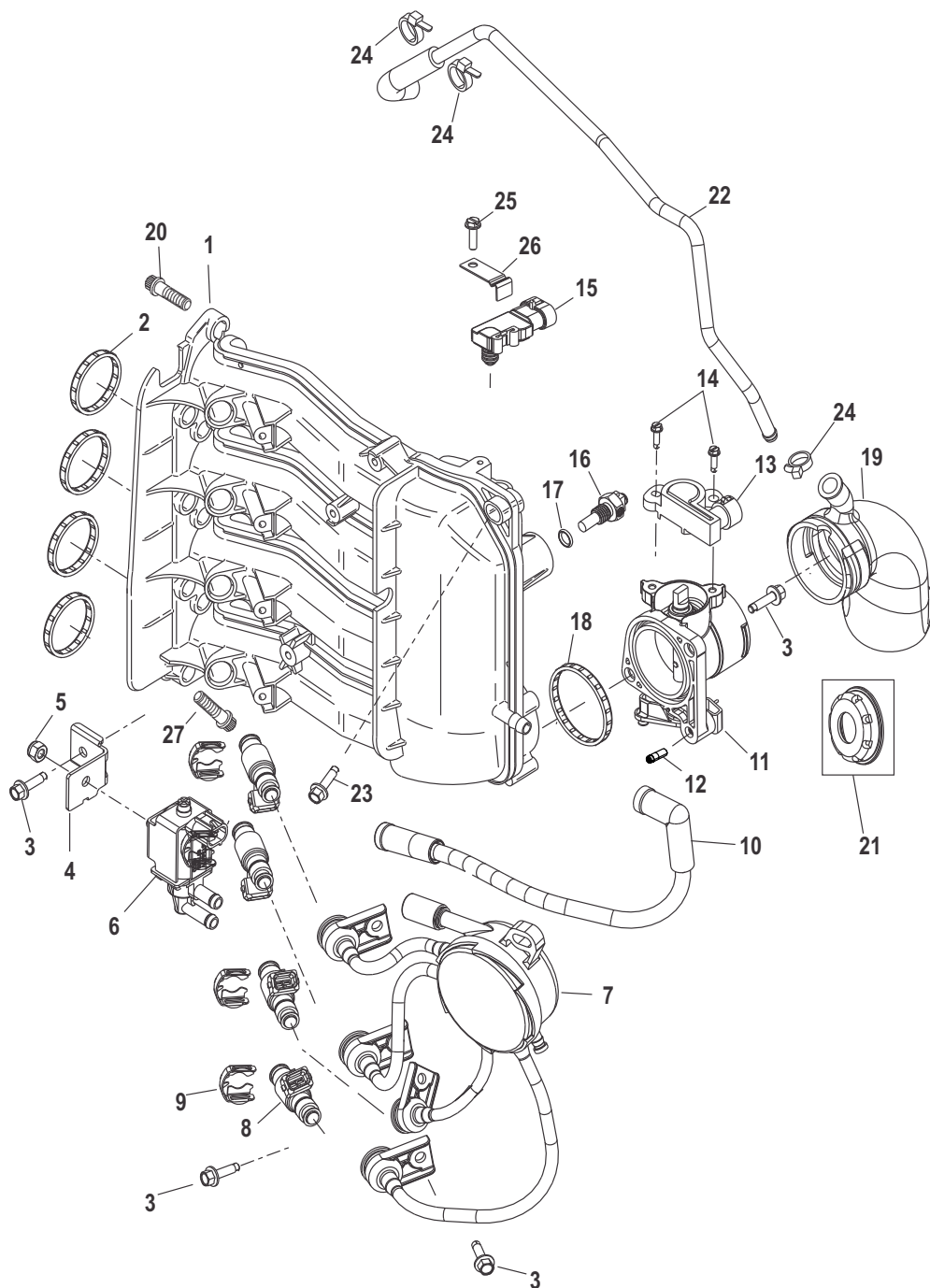


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Vapor Separator

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	892267T03	VAPOR SEPARATOR ASSEMBLY		1	
1	0000	892267A54	BODY ASSEMBLY		1	
2	0010	892267506	SCREW Drain		1	
3	0025	892267530	O-RING		1	
4	0032	8M0054213	HOSE Cut to 9 Inches		1	
5	0000	892267A55	COOLER ASSEMBLY Fuel		1	
6	0054	888988023	CLAMP		2	
7	0010	82130025	SCREW (M6 x 25)		1	
8	0012	892267511	WASHER		1	
9	0032	892267504	HOSE		1	
10	0032	892267503	HOSE		1	
11	0025	834985	GROMMET		3	
12	0023	856954	BUSHING		3	
13	0000	892267A51	PUMP KIT Fuel Also includes cover to body o ring 25-892267530		1	
14	0000	892267521	INSULATOR		1	
15	0000	892267510	ISOLATOR		1	
16	0000	892267523	INSULATOR		1	
17	0000	892267534	STRAINER Fuel		1	
18	0000	892267519	COVER		1	
19	0000	892267T57	COVER ASSEMBLY		1	
20	0000	892267535	CONNECTOR Electrical		1	
21	0010	892267531	SCREW (M4 x 16)		5	
22	0000	883220	CAP		1	
23	0000	892267A52	FLOAT VALVE KIT		1	
24	0000	892267A50	REGULATOR KIT Pressure		1	
25	0025	892267513	O-RING		1	
26	0000	892267512	SCREEN		1	
27	0010	892267515	SCREW (M5 x 18)		1	
28	0054	888988023	CLAMP		2	
29	0000	892267520	PLATE		1	
30	0010	892267529	SCREW (M4 x 8)		5	
31	0000	892267527	FLOAT		1	
32	0017	892267528	PIN Float		1	
33	0054	892267517	CLIP		1	
34	0032	892267516	HOSE		1	
35	0000	56762	TIE STRAP (4.00 Inches)		1	
36	0010	82130025	SCREW (M6 x 25)		3	
37	0012	4002316	WASHER (6.60 X 17.0 X 1.5SS)		3	
38	0054	888988023	CLAMP		1	
39	0022	8M0022107	FITTING		1	
40	0025	8M0124318	O-RING 7.94 x 1.78		1	

Intake Manifold



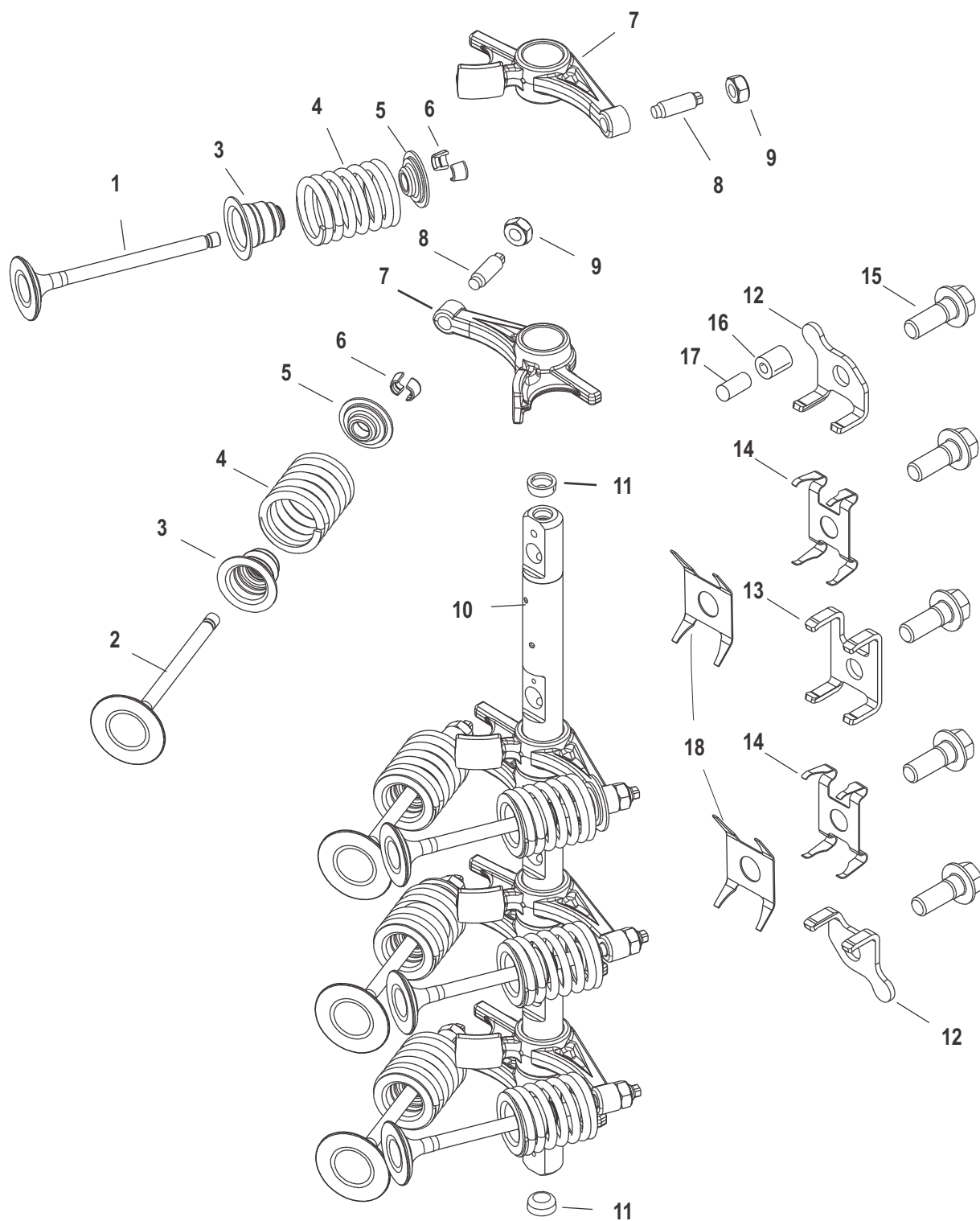
Intake Manifold

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	877829T06	MANIFOLD ASSEMBLY Intake - Complete		1	
1	0000	877829T01	MANIFOLD Intake		1	
2	0027	879866	GASKET SET	(Contains 4 Gaskets)	1	[1]
3	0010	881059	SCREW		9	
4	0000	877834	BRACKET		1	
5	0011	401366	NUT (M6) Stainless Steel		1	
6	0000	877805T	SOLENOID VALVE		1	
7	0000	879887T	TFI SYSTEM		1	
8	0000	892123002	INJECTOR		4	
-	0025	883597	O-RING KIT Injector	Upper	1	
-	0025	883598	O-RING KIT Injector	Lower	1	
9	0054	883460	CLIP		4	
10	0032	877831A1	HOSE		1	
11	0000	877831A02	THROTTLE BODY ASSEMBLY		1	
12	0010	8M0000578	SCREW Adjustment		1	
13	0000	8M0125617	SENSOR Position		1	
14	0010	881060	SCREW		2	
15	0000	854445	SENSOR MAP		1	
16	0000	8M0148668	SENSOR ASSEMBLY		1	
17	0025	896699	O-RING (1.78 mm x .08 mm)		1	
18	0027	879867	GASKET		1	
19	0000	893521	ATTENUATOR		1	
20	0010	8248326	SCREW (M6 x 25 MM)		8	
21	0000	8831483	RESTRICTOR		1	
22	0032	8M0113740	HOSE ASSEMBLY Breather		1	
23	0010	82684430	SCREW (M6 x 30)		1	
24	0054	850181	TIE STRAP (11.750 Inches)		3	
25	0010	8214281	SCREW (#10-16 x .625)		1	
26	0000	8M0007495	RETAINER		1	
27	0010	8248326	SCREW (M6 x 25 MM)		2	
-	0027	883599A02	GASKET SET		1	

PART NOTES:

[1] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 883599A02

Intake/Exhaust Valves



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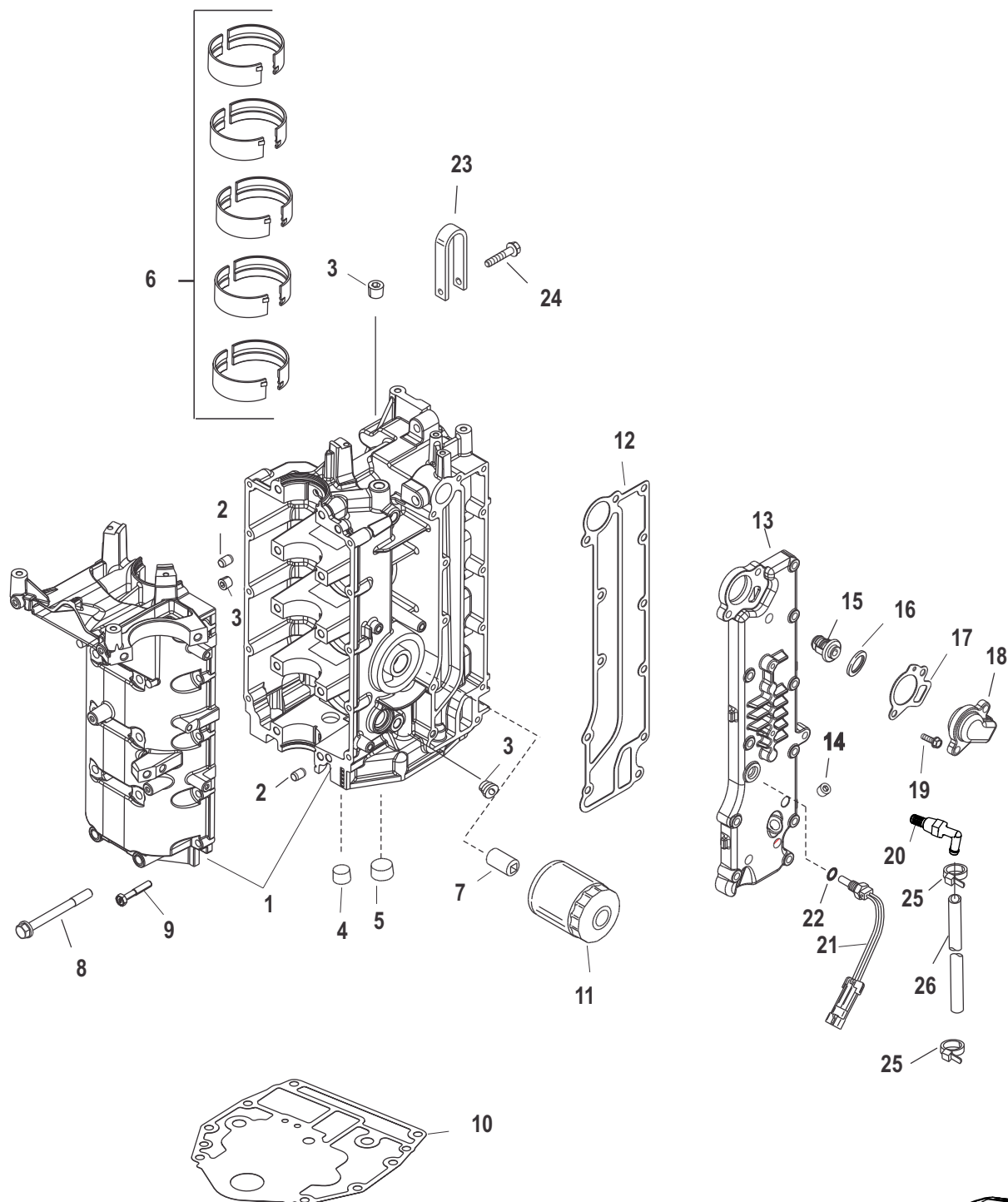
Intake/Exhaust Valves

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	8M0065029	VALVE Exhaust		4	[1]
2	0000	832990T3	VALVE Intake		4	[1]
3	0026	858271	SEAL		8	[1]
4	0024	893552	SPRING		8	[1]
5	0000	893553	RETAINER		8	[1]
6	0028	893554	KEY		16	[1]
7	0000	898821A01	ROCKER ARM ASSEMBLY		8	[1]
8		NSS	NOT SOLD SEPARATE Screw		8	[1]
9		NSS	NOT SOLD SEPARATE Nut		8	[1]
10	0000	8570851	SHAFT Rocker		1	[1]
11		NSS	NOT SOLD SEPARATE Plug		2	[1]
12	0000	893560	BRACKET		2	[1]
13	0000	893561	BRACKET		1	[1]
14	0024	893562	SPRING		2	[1]
15	0010	875218	SCREW (M8 x 23)		5	[1]
16	0027	893645	GASKET		1	[1]
17	0017	859575	PIN		1	[1]
18	0024	893563	SPRING Overload		2	[1]
-	0000	893505T05	CYLINDER HEAD ASSEMBLY Complete		1	

PART NOTES:

[1] - COMPONENT OF CYLINDER HEAD ASSEMBLY 893505T05

Cylinder Block and Crankcase



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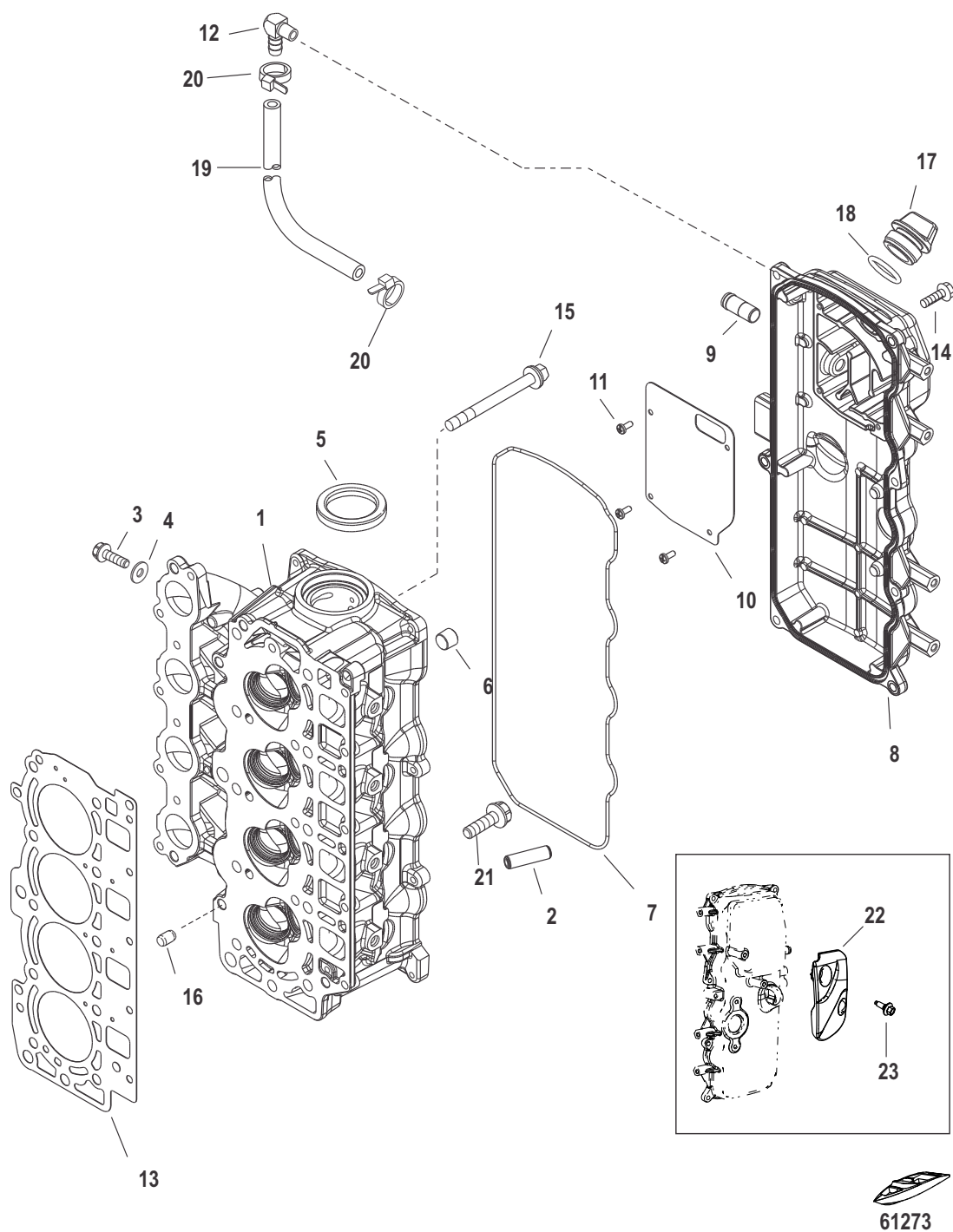
Cylinder Block and Crankcase

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0800	893502T02	CYLINDER BLOCK ASSEMBLY		1	[1]
2	0017	825010	PIN Dowel		2	[1]
3	0022	479452	PLUG		3	[1]
4	0022	889567	PLUG (.500-14)		1	[1]
5	0022	416223	PLUG Pipe (.750-14)		1	[1]
6	0023	893631	BEARING Main - Brown		10	[1]
6	0023	893631001	BEARING Main - Black		10	[1]
6	0023	893631002	BEARING Main - Blue		10	[1]
7	0000	822625	NIPPLE (M20)		1	[1]
8	0010	82506182	SCREW (M8 x 82)		10	[1]
9	0010	88348935	SCREW (M6 x 35)		10	[1]
10	0027	892319001	GASKET		1	[2]
11	0035	8M0162829	FILTER Oil		1	[1]
12	0027	857078	GASKET		1	[2]
13	0000	8M0118194	COVER Exhaust		1	[1]
14	0022	479452	PLUG		1	[1]
15	0000	8M0117413	THERMOSTAT		1	[1]
16	0027	887978	GASKET		1	[2]
17	0027	824853	GASKET		1	[2]
18	0000	8M0008243	COVER Thermostat		1	[1]
19	0010	88348935	SCREW (M6 x 35)		12	[1]
20	0035	8M0021770	STRAINER Water		1	[1]
21	0000	889575	SENSOR ASSEMBLY		1	
22	0025	627021	O-RING (.301 x .070)		1	[3]
23	0000	893697	LIFTING EYE		1	
24	0010	857139	SCREW (M8 x 35)		1	
25	0054	816311T	TIE STRAP (8.00 Inches)		2	
26	0032	8M0108349	HOSE (70 Inches Bulk) Cut to 10 Inches - To VST Cooler		1	
-	0027	883599A02	GASKET SET		1	
-	0061	893678T03	POWERHEAD ASSEMBLY		1	

PART NOTES:

- [1] - COMPONENT OF POWERHEAD/PARTIAL ENGINE 893678T03
- [2] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 883599A02
COMPONENT OF POWERHEAD/PARTIAL ENGINE 893678T03
- [3] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 883599A02

Cylinder Head



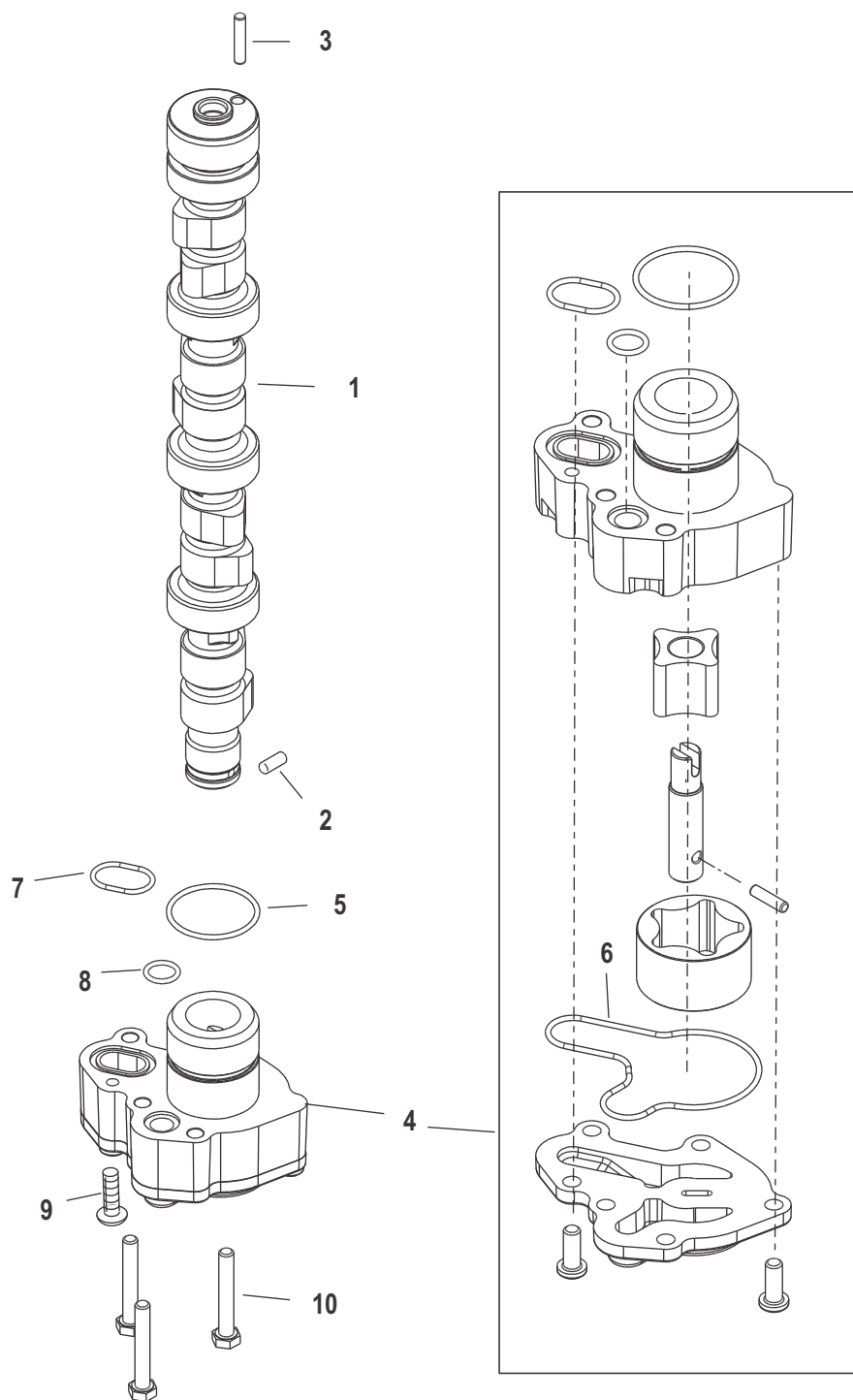
Cylinder Head

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	893505T05	CYLINDER HEAD ASSEMBLY Complete		1	
1	0000	893505T06	CYLINDER HEAD ASSEMBLY Basic		1	
2		NSS	NOT SOLD SEPARATE	Guide	8	[1]
3	0010	4000325	SCREW (M6 x 8)		4	[1]
4	0012	859768	WASHER		4	[1]
5	0026	893549	SEAL Oil		1	[1]
6	0022	875209	PIPE PLUG		8	[1]
7	0025	8M0011870	SEAL		1	[2]
8	0000	893694T02	COVER ASSEMBLY		1	
9		NSS	NOT SOLD SEPARATE Breather Pipe		1	
10		NSS	NOT SOLD SEPARATE Baffle Plate		1	
11		NSS	NOT SOLD SEPARATE Screw		1	
12	0022	629101	FITTING Elbow - 90 Degree (.125-27)		1	
13	0027	8M0118179	HEAD GASKET		1	[3]
14	0010	8M4503518	SCREW (M6 X 1.0 X 20)		7	
15	0010	82503395	SCREW (M9 x 95)		10	
16	0017	825010	PIN Dowel		2	
17	0000	859578A1	PLUG ASSEMBLY Oil		1	
18	0025	90196	O-RING (.921 x .139)		1	[2]
19	0032	77653101	HOSE (48.00 Inches Bulk) Cut to 19 Inches - To Fitting in Adaptor Plate		1	
20	0054	816311T	TIE STRAP (8.00 Inches)		2	
21	0010	893745025	SCREW (M6 x 25)		5	
22	0000	8M0026326	DEFLECTOR Cowl		1	
23	0010	8M0012661	SCREW		2	
-	0027	883599A02	GASKET SET	under review	1	
-	0061	893678T03	POWERHEAD ASSEMBLY	(Does Not Include Cylinder Head)	1	

PART NOTES:

- [1] - COMPONENT OF CYLINDER HEAD ASSEMBLY 893505T05
- [2] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 883599A02
- [3] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 883599A02
COMPONENT OF POWERHEAD/PARTIAL ENGINE 893678T03
COMPONENT OF CYLINDER HEAD ASSEMBLY 893505T05

Camshaft and Oil Pump



1773

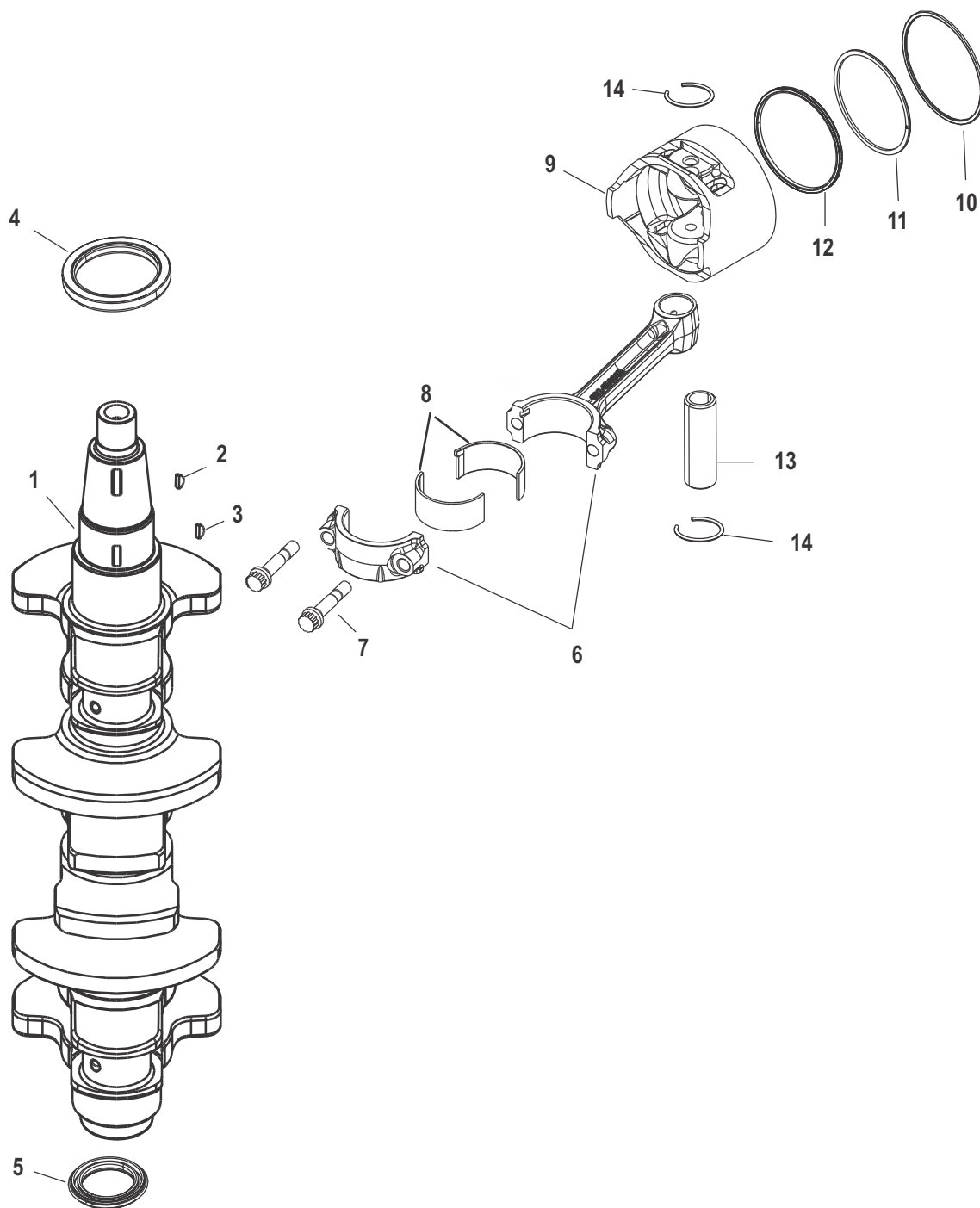
Camshaft and Oil Pump

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0400	893565	CAMSHAFT		1	[1]
2	0017	826149	PIN		1	[1]
3	0017	878183	PIN Dowel		1	[1]
4	0000	857087T1	PUMP ASSEMBLY Oil		1	[1]
5	0025	857096	O-RING		1	[2]
6		NSS	NOT SOLD SEPARATE O Ring		1	[1]
7	0025	857094	O-RING		1	[2]
8	0025	857093	O-RING		1	[2]
9	0010	875206	SCREW (M6 x 16)		2	[1]
10	0010	4000333	SCREW (M6 x 40)		4	[1]
-	0027	883599A02	GASKET SET		1	
-	0000	893505T05	CYLINDER HEAD ASSEMBLY Complete		1	

PART NOTES:

- [1] - COMPONENT OF CYLINDER HEAD ASSEMBLY 893505T05
- [2] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 883599A02
COMPONENT OF CYLINDER HEAD ASSEMBLY 893505T05

Crankshaft, Pistons and Connecting Rods



71151

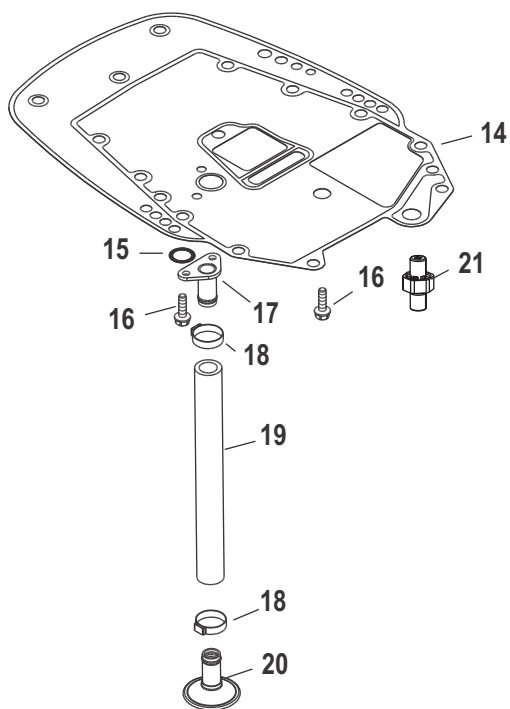
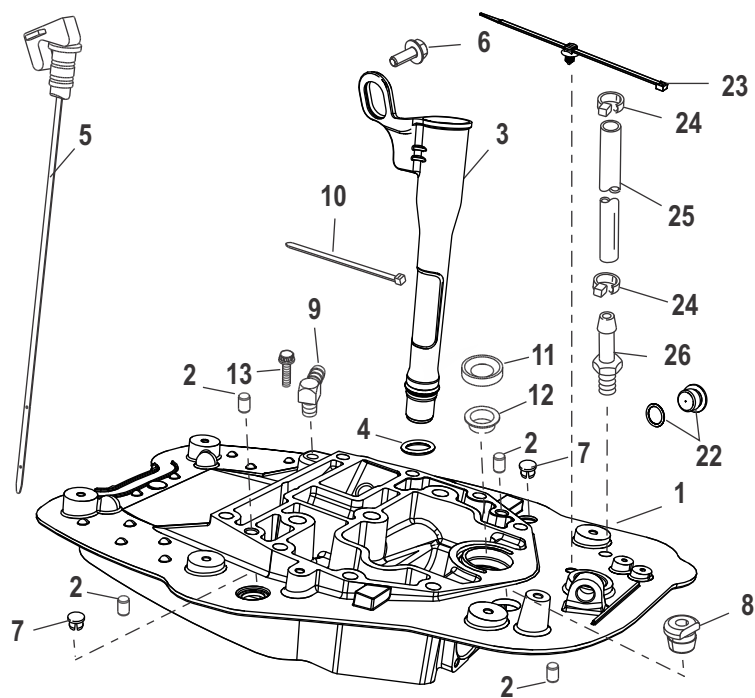
Crankshaft, Pistons and Connecting Rods

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0413	857077T02	CRANKSHAFT ASSEMBLY		1	[1]
2	0028	91800	KEY Woodruff		1	[1]
3	0028	893761	KEY		1	[1]
4	0026	8M0151047	SEAL Oil		1	[2]
5	0026	8M0151048	SEAL Oil		1	[2]
6	0600	893530T01	CONNECTING ROD ASSEMBLY		4	[1]
7	0010	8M0049884	BOLT		8	[1]
8	0023	893630001	BEARING Black		8/AR	[1]
8	0023	893630	BEARING Brown		8/AR	[1]
8	0023	893630002	BEARING Blue		8/AR	[1]
9	0700	893524T08	PISTON ASSEMBLY Standard		4	[1]
9	0700	8M0057775	PISTON ASSEMBLY	.25MM Oversized/Bare Piston	AR	
9	0700	8M0057776	PISTON ASSEMBLY	.50MM Oversized/Bare Piston	AR	
10	0039	893525A01	RING SET Piston	Standard	4	[1]
10	0039	893525A02	RING SET Piston	.25MM Oversized	AR	
10	0039	893525A03	RING SET Ring	.50MM Oversized	AR	
11		NSS	NOT SOLD SEPARATE Piston Ring - Second	Standard	4	[1]
11		NSS	NOT SOLD SEPARATE Piston Ring - Second	25 MM Oversized	AR	
11		NSS	NOT SOLD SEPARATE Piston Ring - Second	50 MM Oversized	AR	
12		NSS	NOT SOLD SEPARATE Ring, Piston Oil		4	
13	0041	893863	PIN Piston		4	[1]
14	0040	893529	RETAINER Piston Pin		8	[1]
-	0027	883599A02	GASKET SET		1	
-	0061	893678T03	POWERHEAD ASSEMBLY		1	

PART NOTES:

- [1] - COMPONENT OF POWERHEAD/PARTIAL ENGINE 893678T03
- [2] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 883599A02
COMPONENT OF POWERHEAD/PARTIAL ENGINE 893678T03

Adapter Plate



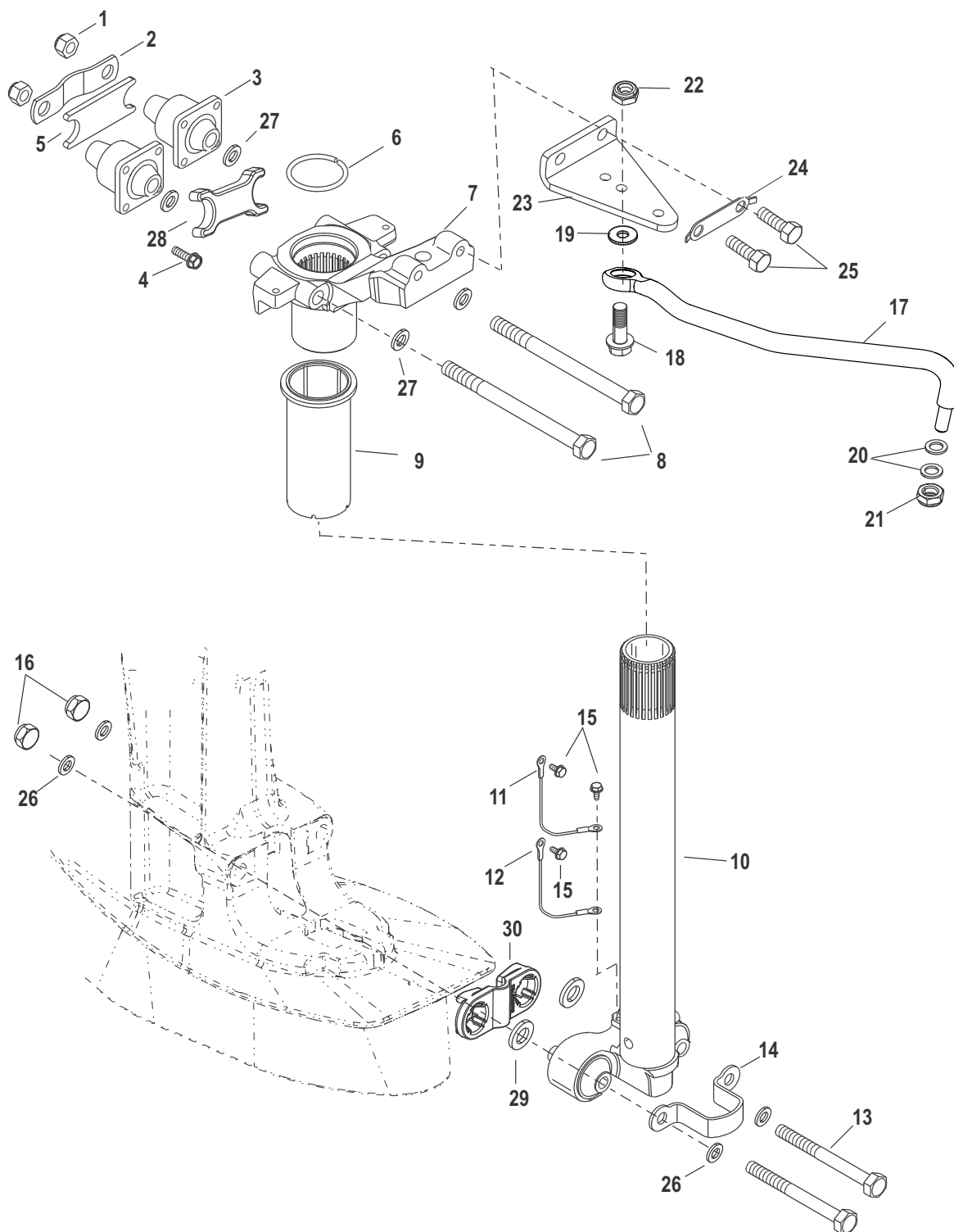
Adapter Plate

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	8M0118182	ADAPTER PLATE ASSEMBLY		1	
2	0017	23784	PIN Dowel		4	
3	0000	8M0026249	DIPSTICK TUBE ASSEMBLY Plastic		1	
4	0025	8M0008708	O-RING		1	
5	0000	8M0162935	DIPSTICK		1	
6	0010	4006731	SCREW (M6 x 16)		1	
7	0019	822464	PLUG		2	
8	0025	19565002	GROMMET		1	
9	0022	629101	FITTING Elbow - 90 Degree (.125-27)		1	
10	0054	816311T	TIE STRAP (8.00 Inches)		3	
11	0026	66301	SEAL Oil		1	
12	0023	859594	BUSHING		1	
13	0010	4007455	SCREW (M6 x 55)		1	
14	0027	892320001	GASKET		1	[1]
15	0025	845746	O-RING		1	[1]
16	0010	8M4503518	SCREW (M6 X 1.0 X 20)		3	
17	0000	893765	PLATE Top Oil Pickup		1	
18	0054	855228	CLAMP		2	
19	0032	854793	HOSE Oil Pickup		1	
20	0000	893700	BAFFLE Oil Pick-up		1	
21	0000	881872A1	BODY Oil Pressure Relief		1	
22	0019	8M0021330	PLUG (M18)		1	
23	0054	899145	CLIP Tie Strap		1	
24	0054	816311T	TIE STRAP (8.00 Inches)		AR	
25	0032	8M0108355	HOSE (57 Inches Bulk) Cut to 17 Inches		1	
26	0022	291112	FITTING		1	
-	0027	883599A02	GASKET SET		1	

PART NOTES:

[1] - COMPONENT OF ENGINE/POWERHEAD GASKET SET 883599A02

Steering Arm

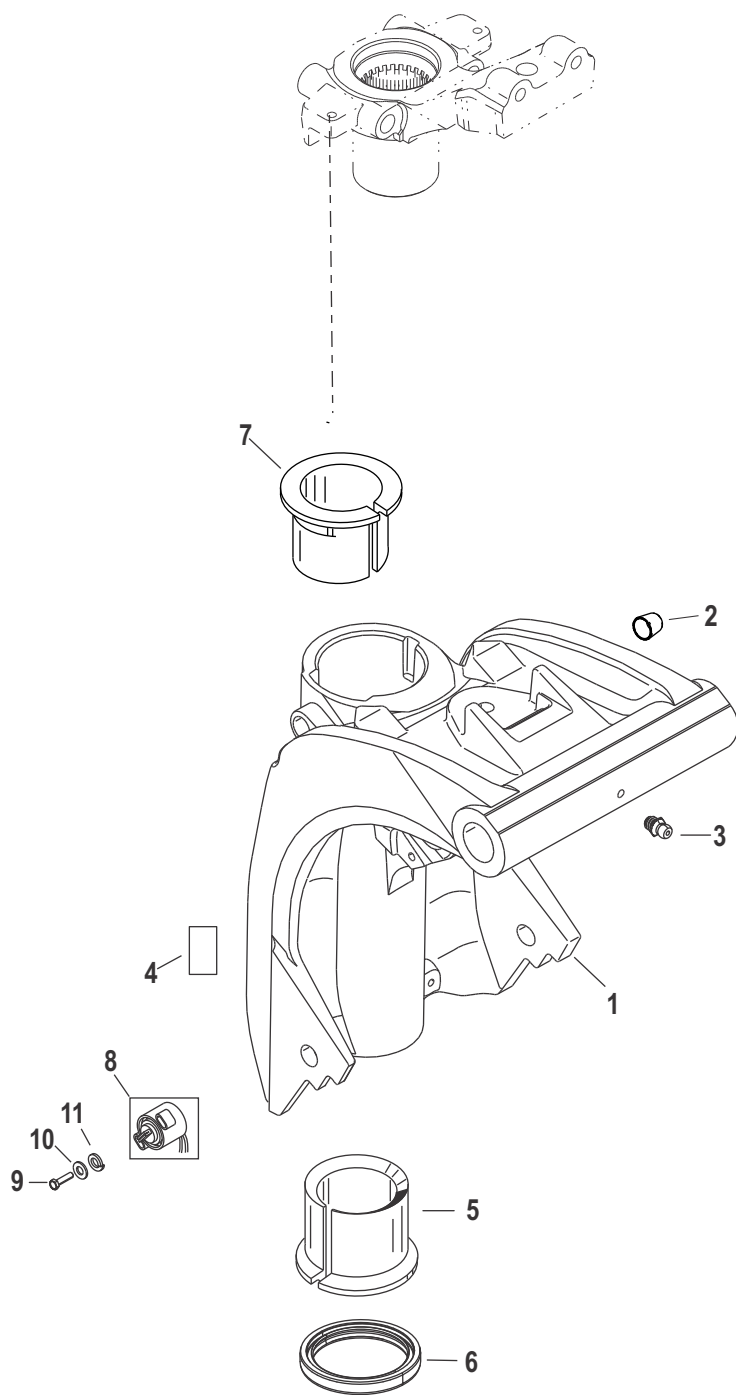


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Steering Arm

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0011	896895	NUT (M12)		2	
2	0000	893773002	STRAP Upper Mount		1	
3	0000	893655T	MOUNT Upper		2	
4	0010	8M4503518	SCREW (M6 X 1.0 X 20)		8	
5	0000	8M0156878	BUMPER		1	
6	0053	89531	RING Retaining		1	
7	0000	8M0118183	ARM Steering		1	
8	0010	898835	SCREW (M12 X1.75)		2	
9	0023	8279973	SPACER		1	
10	0000	850175T03	SWIVEL TUBE ASSEMBLY Short		1	
11	0084	88238T01	CABLE ASSEMBLY		1	
12	0000	88238A13	CABLE ASSEMBLY Ground		1	
13	0010	8M0103829	SCREW		2	
14	0000	893703	STRAP Lower Mount		1	
15	0010	878607	SCREW (#10-16 x .375)		3	
16	0011	40140	NUT (M10)		2	
17	0000	8M0026161	LINK ROD		1	
18	0010	823919	SCREW (.375-24 x 1.500)		1	
19	0012	8M0109680	WASHER (.39 X .546 X.12)		1	
20	0012	37828	WASHER (.390 x .625 x .062) Stainless Steel		2	
21	0011	8M0042636	NUT (.375-24) Brass		1	
22	0011	8M0042636	NUT (.375-24) Brass		1	
23	0000	893696	BRACKET Ride-Guide		1	
24	0014	8M0009820	TAB WASHER		1	
25	0010	4000377	SCREW (M10 x 30)		2	
26	0012	4002319	WASHER		4	
27	0012	856982	WASHER (.500 x .810 x .090) Stainless Steel		4	
28	0000	8M0106686	SNUBBER		1	
29	0012	8M0110160	WASHER (22 X 11 X 3.4)		2	

Swivel Bracket

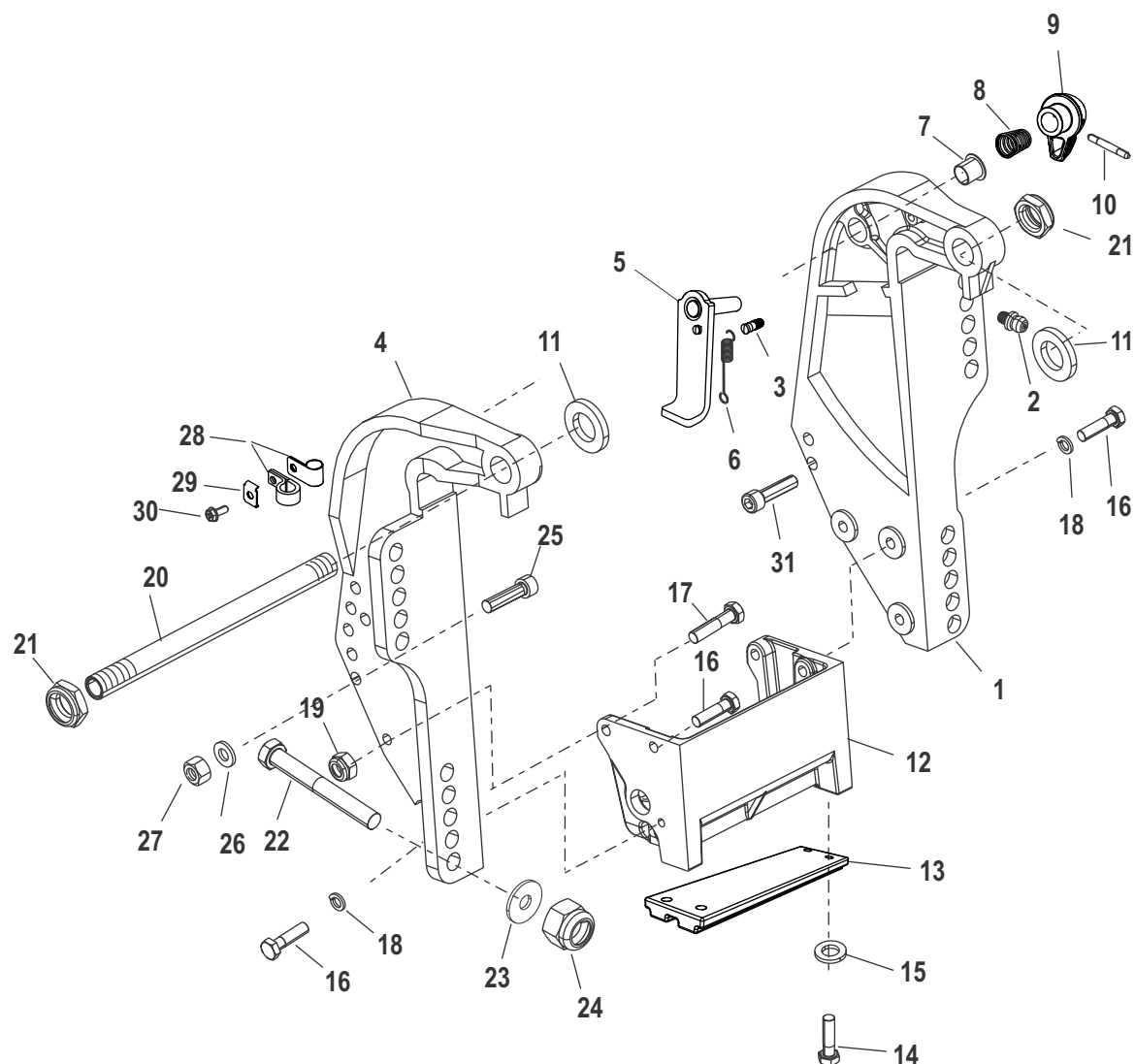


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Swivel Bracket

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	1401	850066T01	SWIVEL BRACKET		1	
2	0023	19606	BEARING Trim Pin		2	
3	0022	8M0169589	FITTING Grease		2	
4		NSS	NOT SOLD SEPARATE Decal-Serial Overlamine		1	
5	0023	821777	BUSHING Lower		1	
6	0026	822404	SEAL		1	
7	0023	8217711	BUSHING		1	
8	0000	8M0098264	TRIM SENDER KIT Natural		1	
9	0010	41069	SCREW (#10-24 x .750)		2	
10	0013	26996	LOCKWASHER (#10) Stainless Steel		2	
11	0012	89302	WASHER (.203 x .406 x .040)		2	

Transom Bracket



71109

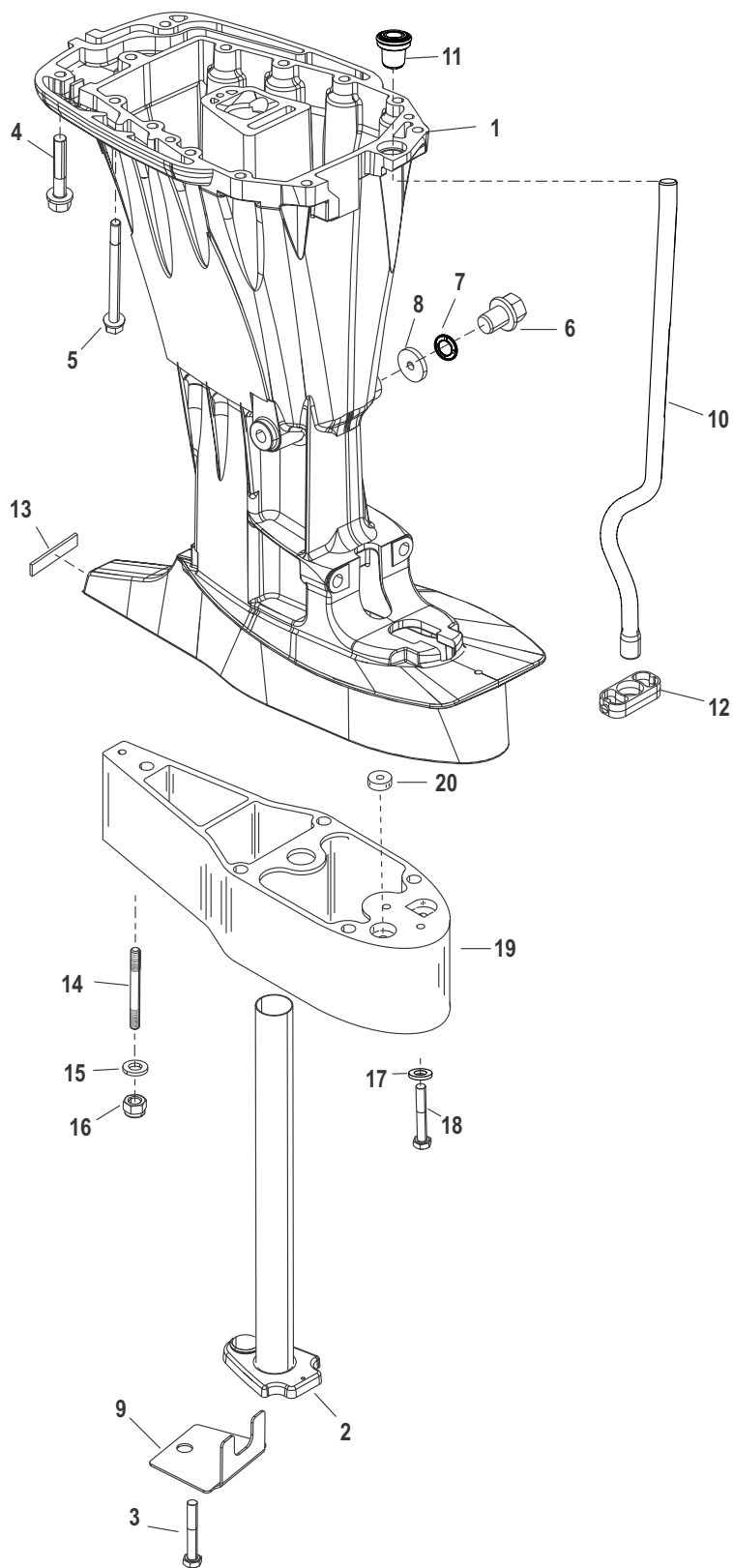
Transom Bracket

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	3418	822866T04	BRACKET Transom - Port		1	
2	0022	98727	FITTING Grease		1	
3	0017	99604	PIN Groove		1	
4	3418	822865T05	BRACKET Transom - Starboard		1	
5	0000	893704T01	LEVER Tilt Lock		1	
6	0024	99622	SPRING		1	
7	0023	65830	NYLINER		1	
8	0024	812708	SPRING		1	
9	0000	8M0007470	KNOB		1	
10	0017	8M0021914	PIN (.125 x 30 mm)		1	
11	0012	19619	WASHER		2	
12	0000	18486A08	BRACKET KIT Anchor		1	
13	0097	818298Q1	ANODE KIT		1	[1]
14	0010	4000330	SCREW (M6 x 25)		2	
15	0012	29245	WASHER (.281 x .500 x .060) Stainless Steel		2	
16	0010	85594030	SCREW (M8 x 30)	Included with Anchor Bracket Kit	5	
17	0010	8M0000586	SCREW (M8 x 35)	Included with Anchor Bracket Kit	1	
18	0012	8M0109650	WASHER (.33 X .56 X .06)	Included with Anchor Bracket Kit	4	
19	0011	401388	NUT (M8) Stainless Steel		2	
20	0000	8M0041938	TILT TUBE		1	
21	0011	858869	NUT (.875-14)		2	
22	0010	814259	SCREW (.500-20 x 4.00)		4	
23	0012	8M0109675	WASHER (.516 X 1.5 X .12)		4	
24	0011	82671117	NUT (.500-20)		4	
25	0010	4009040	SCREW (M10 x 40) Stainless Steel		2	
26	0012	4002319	WASHER		2	
27	0011	40140	NUT (M10)		2	
28	0054	22740	CLIP		2	
29	0000	8M0084613	C-WASHER		1	
30	0010	878609	SCREW (#10-16 x .600)		1	

PART NOTES:

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

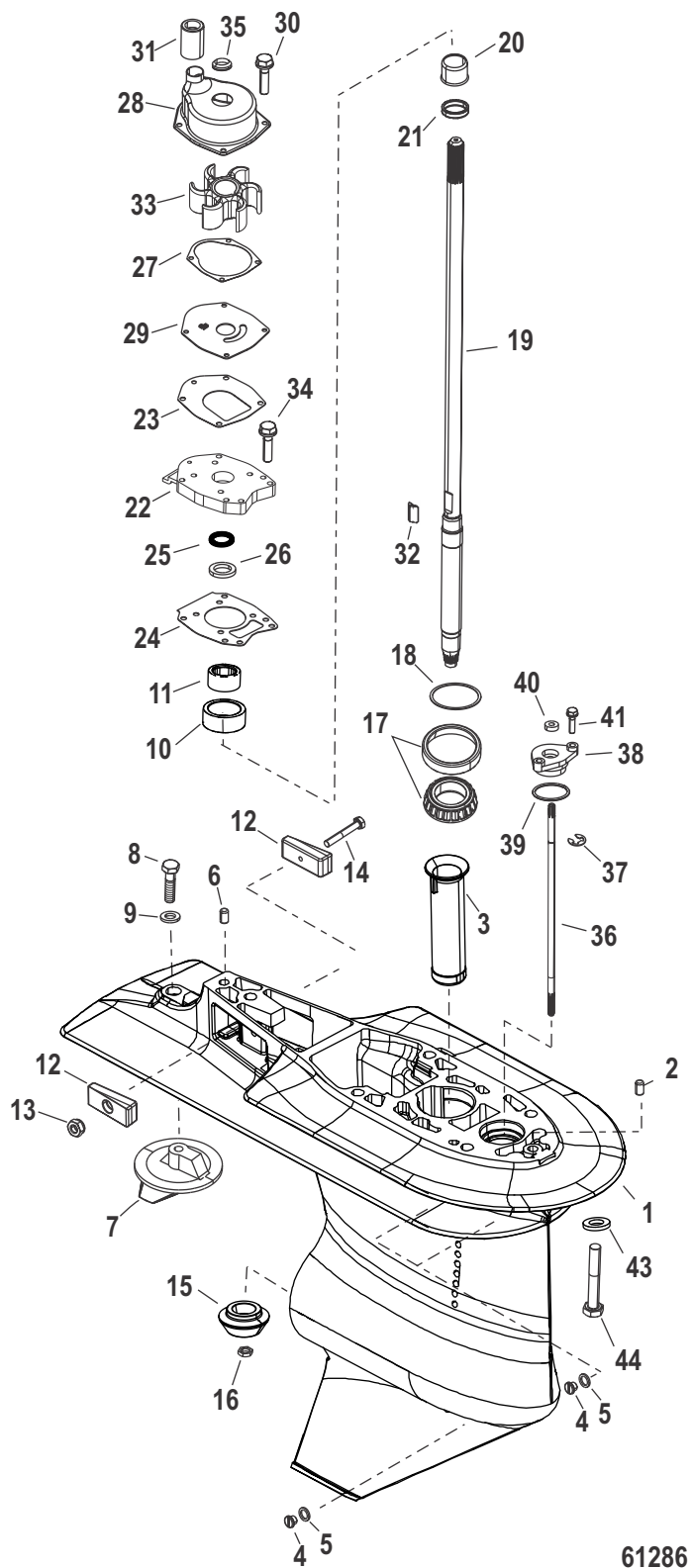
Driveshaft Housing



Driveshaft Housing

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1		8M0171550	DRIVESHAFT ASSEMBLY		1	
2	0000	8M0161064	PIPE Exhaust EXHAUST PIPE		1	
3	0010	1993325	SCREW (M10 x 25 MM)	Long	1	
4	0010	88960845	SCREW (M8 x 45)		5	
5	0010	824459110	SCREW (M8 x 110) Stainless Steel		8	
6	0000	8288181	PLUG Drain		1	
7	0026	8M0007119	SEAL Drain Plug		1	
8	0000	826276	BUMPER		1	
9	0000	8M4503628	PLATE Driveshaft Housing		1	
10	0032	897970A01	TUBE/SEAL KIT Water - Short		1	
11	0026	8M0151041	SEAL WATER TUBE Upper		1	
12	0054	828529	GUIDE		1	
13	0000	8M0043364	BUMPER		1	
14	0016	8168665	STUD (M10 x 130)		1	
15	0012	856774	WASHER (.406 x .750 x .105) Stainless Steel		1	
16	0011	40140	NUT (M10)		4	
17	0012	856774	WASHER (.406 x .750 x .105) Stainless Steel		4	
18	0016	903501	STUD (M10 x 100)		4	
19	0000	8M0171584	SPACER Driveshaft Housing		1	
20	0023	813745	SPACER		1	

Gear Housing Driveshaft - 2.33:1 Gear Ratio

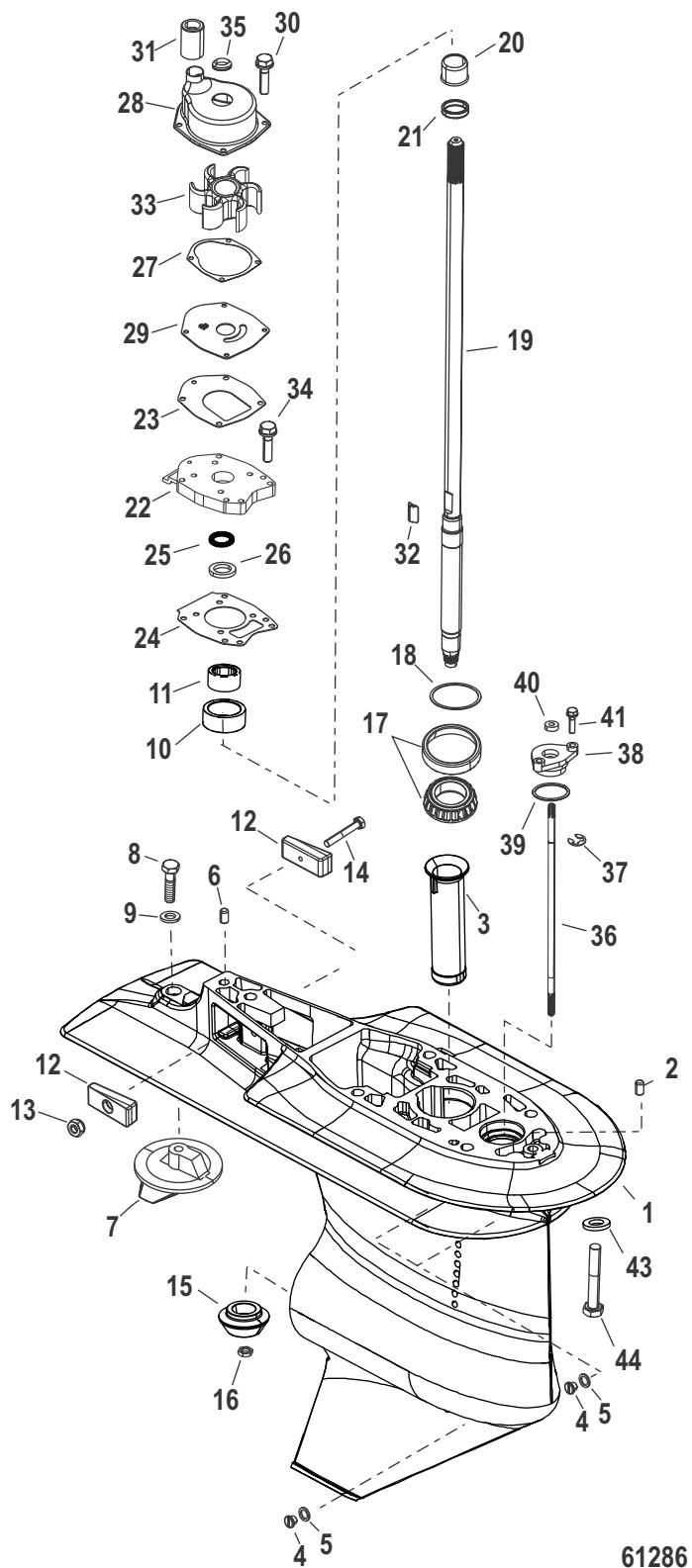


Gear Housing Driveshaft - 2.33:1 Gear Ratio

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	1600	8M0171553	GEAR HOUSING ASSEMBLY Complete		1	
1	1600	8M0118594	GEAR HOUSING ASSEMBLY Basic		1	
2	0017	8M0084244	PIN Dowel Front		1	
3	0000	43046	TUBE Oiler		1	
4	0022	8M0058389	SCREW KIT Drain	Magnetic	3	
5	0026	830749	SEAL		3	[1]
6	0017	43044	PIN Dowel - Without Hole (.375 x .625) Rear		1	
7	0000	31640T07	TRIM TAB		1	
8	0010	825427	SCREW (.437-14 x 1.250) Stainless Steel		1	
9	0012	451761	WASHER (.453 x .812 x .105) Black Oxide		1	
10	0000	43040T1	CARRIER ASSEMBLY		1	
11		NSS	NOT SOLD SEPARATE Needle Bearing		1	
12	0097	826134Q	ANODE		2	[2]
13	0011	401386	NUT (M6) Stainless Steel		1	
14	0010	4000333	SCREW (M6 x 40)		1	
15		NSS	NOT SOLD SEPARATE Pinion Gear - Part of Forward Gear Kit		1	[3]
16	0011	35921	NUT (.625-18)		1	[4]
17	0031	883047A1	BEARING ASSEMBLY Tapered Roller		1	[5]
18	0015	8M0063265	SHIM SET		1	[4]
19		8M0171550	DRIVESHAFT ASSEMBLY		1	
20	0000	42461A1	SLEEVE/RING KIT		1	
21		NSS	NOT SOLD SEPARATE Ring-Seal		1	
22	0046	8M0113262	COVER ASSEMBLY Water Pump		1	[6]
23	0027	8M0142616	GASKET Face Plate to Gearcase		1	[1]
24	0027	430472	GASKET		1	[7]
25	0026	43035	SEAL Oil Upper		1	[7]
26	0026	43036	SEAL Oil Lower		1	[7]
27	0027	8172771	GASKET		1	[1]
28	0000	817275A2	HOUSING KIT Upper Water Pump		1	[6]
29	0000	8172761	FACEPLATE		1	[8]
30	0010	82684430	SCREW (M6 x 30)		4	[6]
31	0000	8M0151044	COUPLING Water Tube		1	
32	0028	8M0032833	KEY		1	[8]
33	0047	43026T2	IMPELLER		1	[9]
34	0010	82684425	SCREW (M6 x 25)		6	
-	0026	816575A2	SEAL KIT		1	
35	0026	8M0142851	VRING Face Seal		1	[10]
NS		NSS	NOT SOLD SEPARATE TOOL, Face Seal Setting		1	
36		8M0171581	SHIFT SHAFT ASSEMBLY		1	

Gear Housing Driveshaft - 2.33:1 Gear Ratio

Gear Housing Driveshaft - 2.33:1 Gear Ratio



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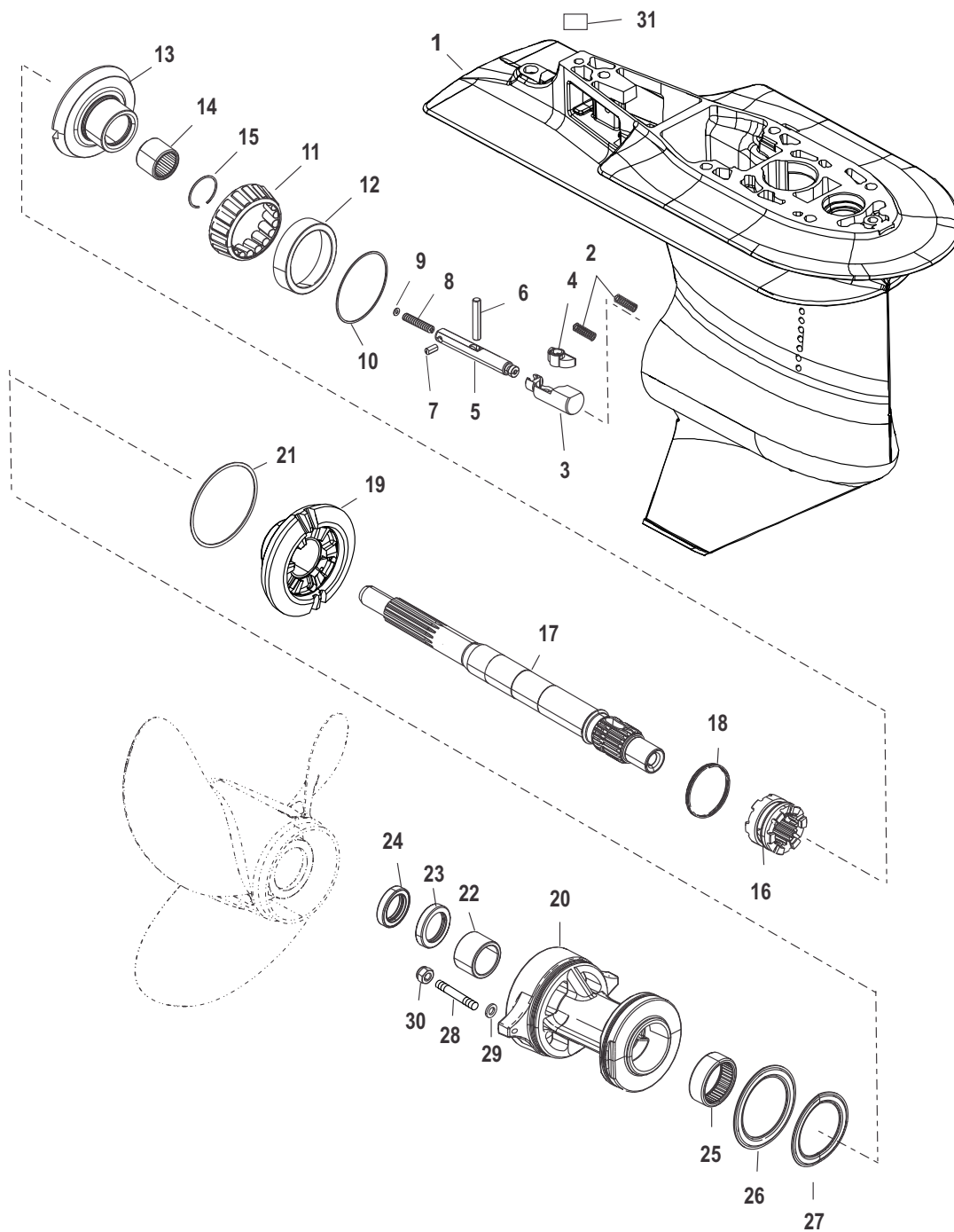
Gear Housing Driveshaft - 2.33:1 Gear Ratio

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
37	0053	29641	E RING		1	
38	0023	43052A4	BUSHING ASSEMBLY		1	
39	0025	457101	O-RING (1.424 x .103)		1	[11]
40	0026	8164641	SEAL Oil		1	[11]
41	0010	82684425	SCREW (M6 x 25)		2	
42	0023	891637	BUSHING		1	
-	0026	43035A05	SEAL KIT Gear Housing		1	
-	0046	8M0113801	REPAIR KIT Water Pump		1	
-	0047	8M0100526	REPAIR KIT Water Pump		1	[12]
-	0031	803496T2	BEARING/SEAL KIT		1	

PART NOTES:

- [1] - COMPONENT OF GEAR HOUSING SEAL KIT 43035A05
COMPONENT OF WATER PUMP REPAIR KIT 43024A09
COMPONENT OF IMPELLER REPAIR KIT 43026Q06
- [2] - Alternate part numbers:
826134Service Part
826134QQS
826134TMPP
826134T 3Magnesium
8M0059344Bulk Pack
- [3] - COMPONENT OF FORWARD GEAR KIT 882813A 3
- [4] - COMPONENT OF FORWARD GEAR KIT 882813A 3
COMPONENT OF SEAL AND BEARING KIT WITHOUT FORWARD BEARING 803496T 2
- [5] - COMPONENT OF SEAL AND BEARING KIT WITHOUT FORWARD BEARING 803496T 2
- [6] - COMPONENT OF WATER PUMP REPAIR KIT 43024A09
- [7] - COMPONENT OF GEAR HOUSING SEAL KIT 43035A05
COMPONENT OF WATER PUMP REPAIR KIT 43024A09
- [8] - COMPONENT OF WATER PUMP REPAIR KIT 43024A09
COMPONENT OF IMPELLER REPAIR KIT 43026Q06
- [9] - Alternate part numbers:
43026Q02QS
43026T 2Service Part
COMPONENT OF WATER PUMP REPAIR KIT 43024A09
COMPONENT OF IMPELLER REPAIR KIT 43026Q06
- [10] - COMPONENT OF IMPELLER REPAIR KIT 43026Q06
- [11] - COMPONENT OF GEAR HOUSING SEAL KIT 43035A05
- [12] - Alternate part numbers:
8M0100526QS
8M0100527MPP

Gear Housing Propeller Shaft - 2.33:1 Gear Ratio



61289

RESOURCE NOTES:

NOTE: See Accessory Guide - Propellers - For Appropriate Hardware. (Thrust Washers/Nuts)

Gear Housing Propeller Shaft - 2.33:1 Gear Ratio

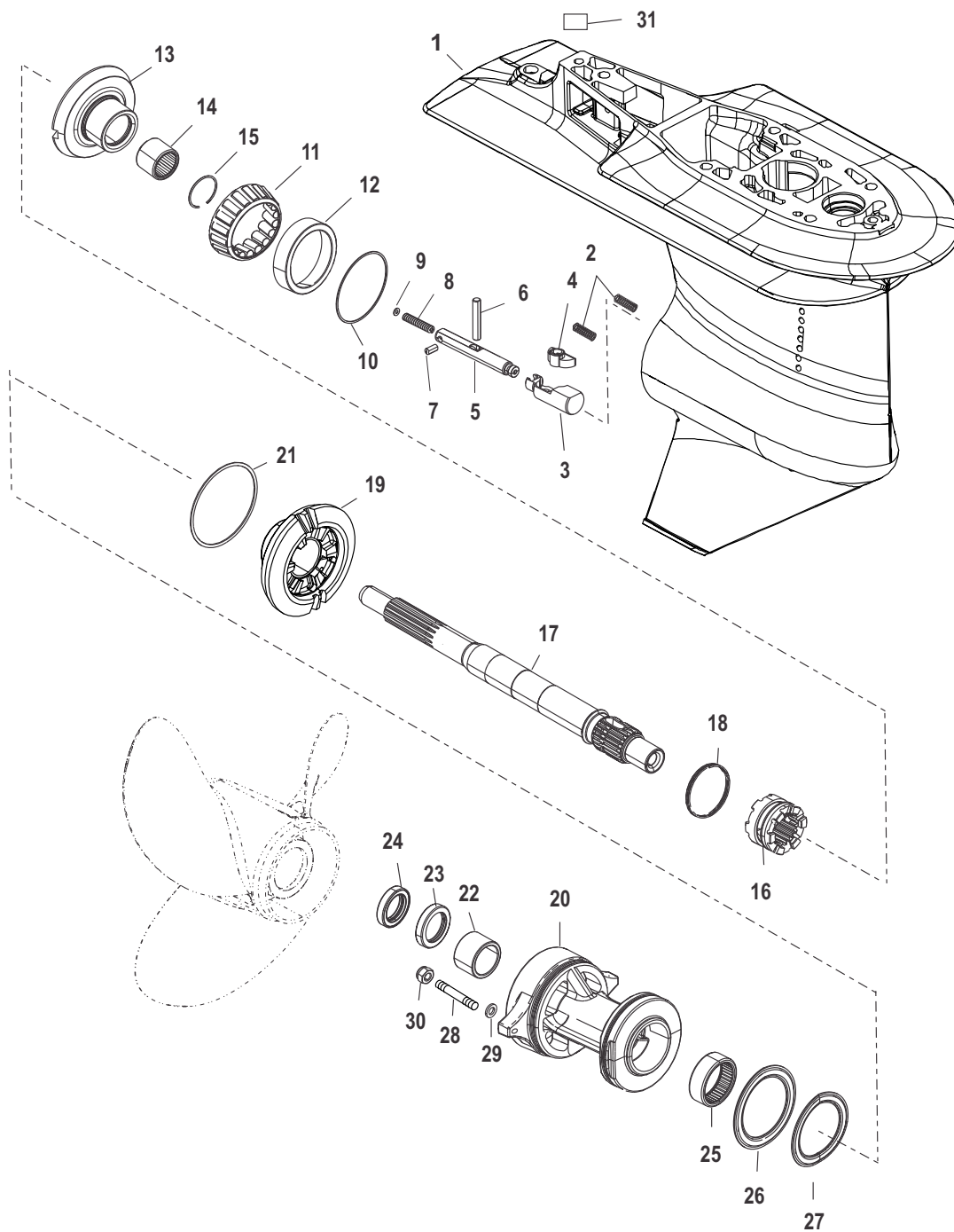
Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	1600	8M0171553	GEAR HOUSING ASSEMBLY Complete		1	
1	1600	8M0118594	GEAR HOUSING ASSEMBLY Basic		1	
2	0000	8227731	INSERT Threaded		2	[1]
3	0000	899070	FOLLOWER Cam		1	
4	0000	8M4504018	CAM SHIFT		1	[1]
5	0000	888806	ROD Clutch Actuator		1	[1]
6	0017	8M0084243	PIN Cross		1	[1]
7	0017	8M0084245	PIN Spring Locator Spring Locator		1	[1]
8	0024	79910	SPRING		1	[1]
9	0012	78910	WASHER		1	[1]
10	0015	8M0063266	SHIM SET		1	[2]
11	0031	30894A1	BEARING SET Cup And Cone		1	[3]
12		NSS	NOT SOLD SEPARATE Cup		1	[3]
13	0043	882813A3	GEAR KIT Forward And Pinion 28 Teeth		1	
14	0031	30895T	BEARING Needle		1	[2]
15	0053	856823	RING Retaining		1	[3]
16	0052	888805T	CLUTCH		1	[1]
17	0044	8M0140444	SHAFT Propeller		1	
18	0024	30893	SPRING		1	[1]
19	0043	889990T	GEAR Reverse		1	
20	0000	12596T2	CARRIER ASSEMBLY Bearing		1	
21	0025	861844	O-RING		1	[4]
22	0031	30956T	BEARING Needle		1	[5]
23	0026	70080	SEAL Oil Inner		1	[4]
24	0026	70081	SEAL Oil Outer		1	[4]
25	0031	12578T	BEARING Roller		1	[5]
26	0012	12577	THRUST WASHER		1	[5]
27	0031	12576	BEARING Thrust		1	[5]
28	0016	8M0034456	STUD (M8 X 1.25 X 48)		2	
29	0012	855941	WASHER (.323 x .590 x .112) Stainless Steel		2	
30	0011	401378	NUT (M8)		2	
31		NSS	NOT SOLD SEPARATE Decal-Gearcase Pinion Identification		1	
-	0026	43035A05	SEAL KIT Gear Housing		1	[5]
-	0043	882813A3	GEAR KIT Forward And Pinion 28 Teeth		1	
-	0031	803496T2	BEARING/SEAL KIT		1	
-	0052	888805A00	REPAIR KIT Clutch And Cam Follower		1	

PART NOTES:

- [1] - COMPONENT OF CLUTCH/CAM FOLLOWER ASSEMBLY 888805A00
- [2] - COMPONENT OF FORWARD GEAR KIT 882813A 3
COMPONENT OF SEAL AND BEARING KIT WITHOUT FORWARD BEARING 803496T 2
- [3] - COMPONENT OF FORWARD GEAR KIT 882813A 3

Gear Housing Propeller Shaft - 2.33:1 Gear Ratio

Gear Housing Propeller Shaft - 2.33:1 Gear Ratio

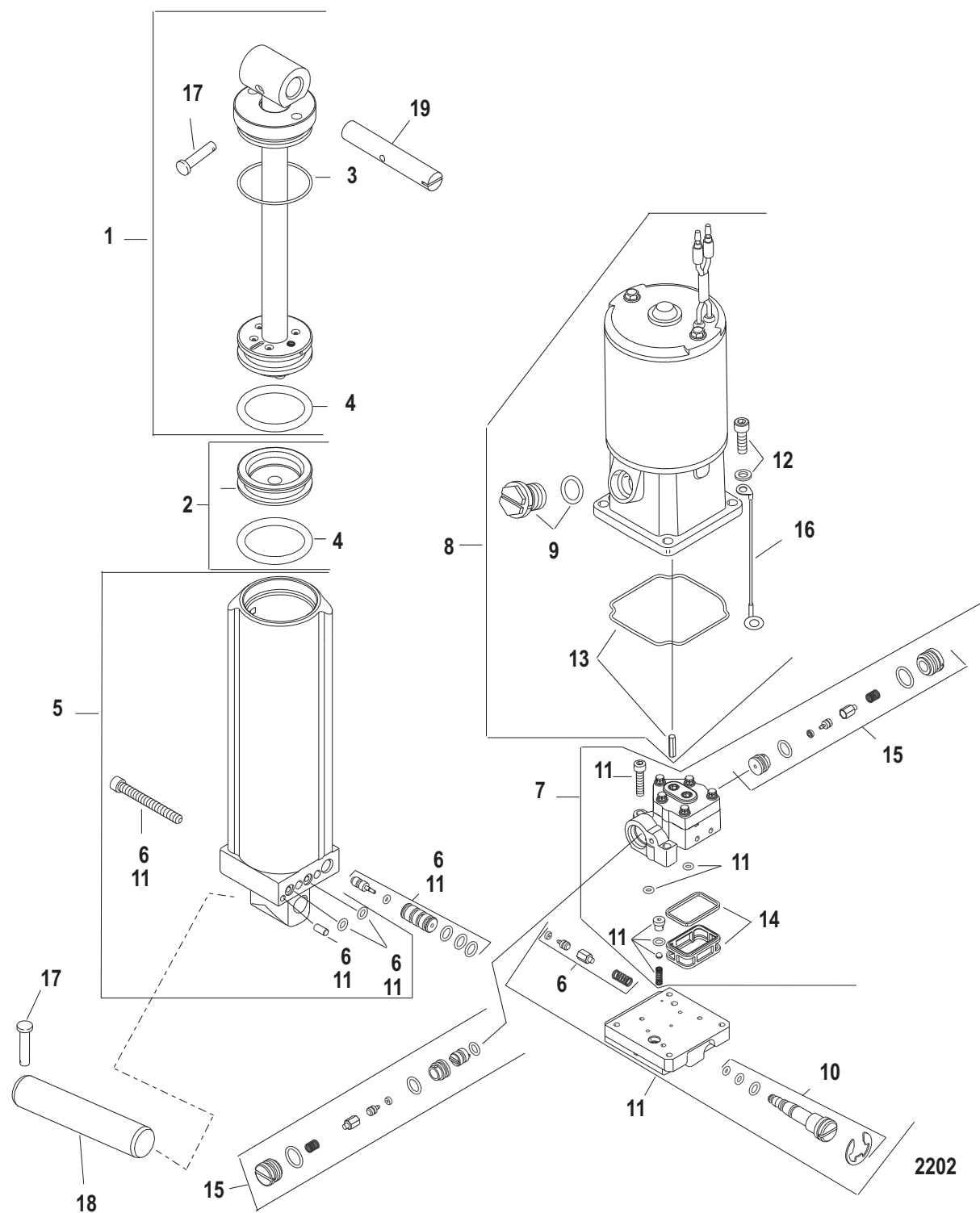


61289

Gear Housing Propeller Shaft - 2.33:1 Gear Ratio

- [4] - COMPONENT OF GEAR HOUSING SEAL KIT 43035A05
- [5] - COMPONENT OF SEAL AND BEARING KIT WITHOUT FORWARD BEARING 803496T 2

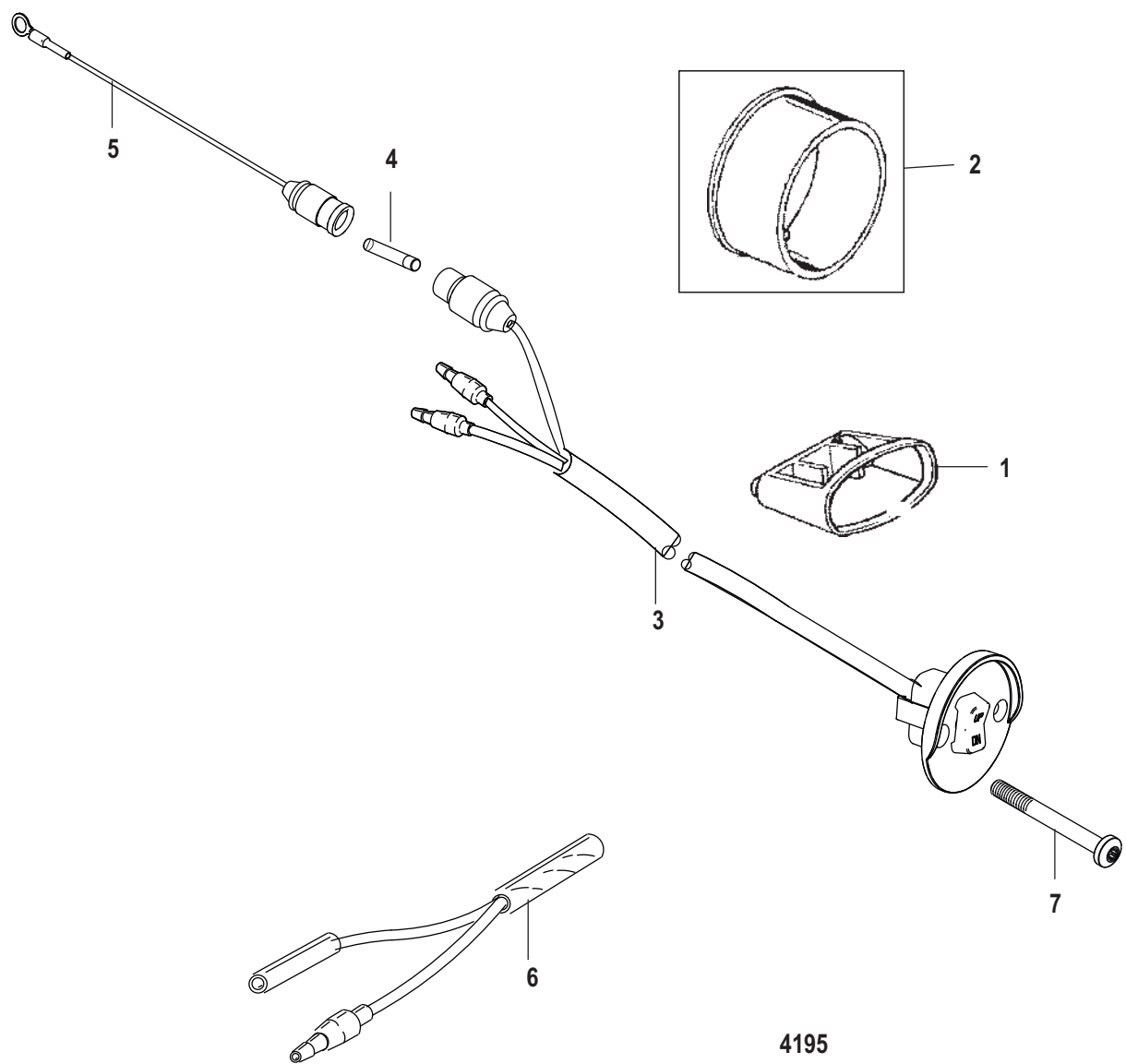
Power Trim



Power Trim

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	8M0055011	POWER TRIM KIT		1	
1	0000	8M0118573	SHOCK ROD KIT		1	
2	0000	810776A1	PISTON ASSEMBLY Memory		1	
3	0025	893902A01	O-RING KIT		1	
4		NSS	NOT SOLD SEPARATE O Ring		2	
5	0000	8M0055016	CYLINDER ASEMBLY KIT		1	
6	0000	893944A01	VAVLE KIT Trim Limit		1	
7	0000	8M0055019	POWER TRIM PUMP KIT		1	
8	0000	893907A02	MOTOR KIT		1	
9	0022	8134351	PLUG		1	
10	0000	893929A01	VALVE KIT Relief		1	
11	0000	8M0055018	MANIFOLD KIT		1	
12	0010	809876A1	SCREW KIT Motor		1	
13	0000	809877A1	DRIVESHAFT/SEAL KIT		1	
14	0035	893912A02	FILTER KIT		1	
15	0000	893913A02	POPPET KIT		1	
16	0000	88238A18	CABLE ASSEMBLY		1	
-	0025	8M0089947	O-RING KIT Power Trim		1	
17	0017	821539	PIN Trilobe		2	
18	0017	19607	PIN		1	
19	0017	822869001	PIN		1	
-	0098	8M0127334	POPPET SEAL KIT		1	

Trim Switch Kit



4195

Trim Switch Kit

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



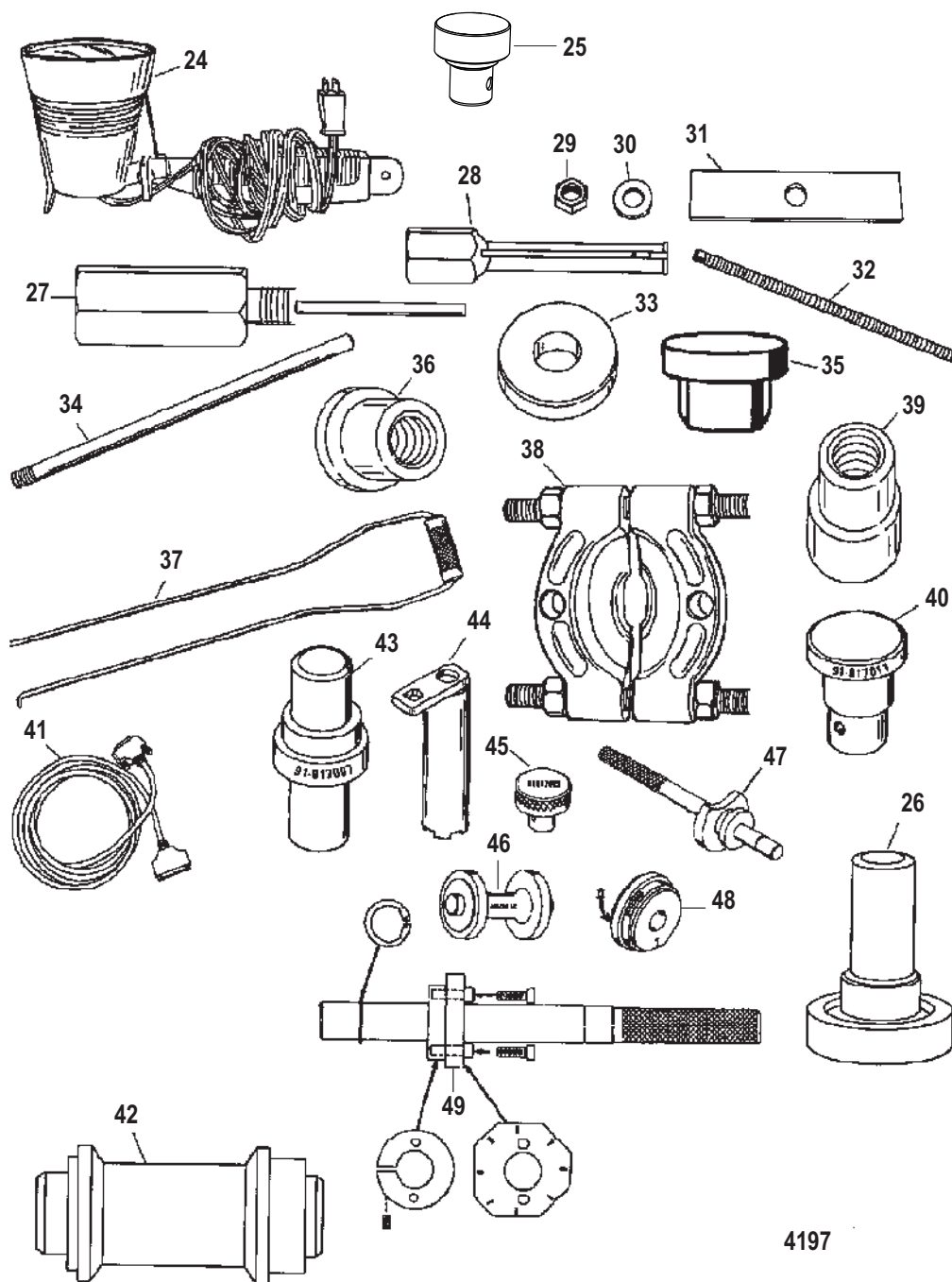
Tools 1

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	44357Q2	FLUSHING ATTACHMENT		1	[1]
2	0000	802889Q1	PUMP Crankcase Oil		1	[2]
3	0091	802653Q02	WRENCH Oil Filter		1	[3]
4	0091	83163M	HOLDER TOOL Flywheel		1	
5	0091	83164M	FLYWHEEL PULLER		1	
6	0091	99379	TIMING LIGHT		1	
7	0091	890451	ADAPTER TOOL Direct Voltage		1	
8	0091	892647A01	MULTI-METER KIT DMT		1	
11	0084	822560A5	HARNESS ASSEMBLY DDT Adapter		1	
12	0091	883877A1	REMOVAL TOOL Fuel Injector		1	
13		NSS	NOT SOLD SEPARATE Lock ring Pliers (P/N-SRP2)		1	
14	0091	809495001	TOOL Valve Guide		1	
15	0091	809496A1	INSTALLER TOOL Valve Guide Bushing		1	
16	0091	74951	SPANNER WRENCH		1	
17	0091	809494A1	COMPRESSOR TOOL Valve Spring		1	
18		NSS	NOT SOLD SEPARATE Valve Seat Cutter Kit		1	
19	0000	FT2997	COMPRESSOR TOOL Piston Ring		1	
20	0092	8M0071838	EXTREME GREASE QS, 8 oz tube		1	[4]

PART NOTES:

- [1] - Alternate part numbers:
44357A 2Service Part
44357Q 2QS
44357T 2MPP
- [2] - Alternate part numbers:
802889A 1MPP
802889Q 1QS
- [3] - Alternate part numbers:
802653K02MPP
802653Q02QS
- [4] - Alternate part numbers:
8M0071838QS

Tools 2

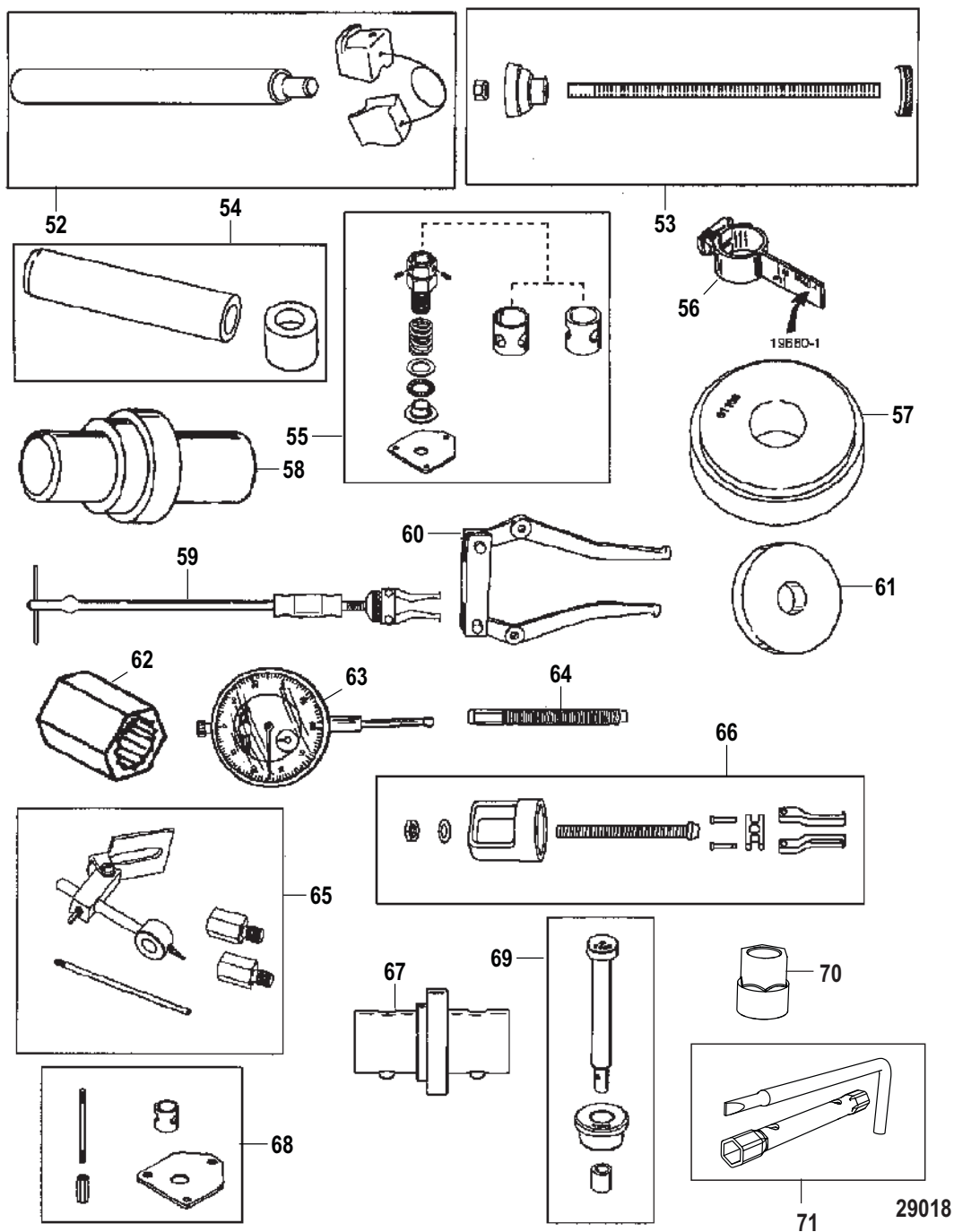


4197

Tools 2

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

Tools 3



Tools 3

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
52	0091	14308T02	BEARING RACE DRIVER		1	
-	0091	889622A01	TOOL Timkin Cup		1	
53	0091	14309T02	INSTALLATION TOOL Bearing		1	
54	0091	14310T1	WEAR SLEEVE DRIVER		1	
55	0091	14311A04	TOOL Preload		1	
56	0091	196601	INDICATOR TOOL Backlash		1	
57	0091	31106T	MANDREL Bearing Driver Cup		1	
58	0091	31108T	DRIVER Oil Seal		1	
59	0091	34569A1	PULLER ASSEMBLY Slide Hammer		1	
60	0091	46086A1	PULLER JAW ASSEMBLY		1	
61	0091	37350T	PILOT MANDREL		1	
62	0091	817070	HOLDING TOOL Driveshaft		1	
63	0091	58222A1	DIAL INDICATOR TOOL		1	
64	0091	85716	PULLER BOLT TOOL Bearing Carrier		1	
65	0091	83155	ADAPTER KIT Dial Indicator		1	
66	0091	83165T	PULLER ASSEMBLY		1	
67	0091	856875A1	INSTALLATION TOOL Bearing		1	
68	0091	817057A02	TOOL Backlash Indicator		1	
-	0091	883420	TOOL Sleeve (.625)		1	
69	0091	817058A1	DRIVER TOOL Bearing		1	
70	0091	877840A1	HOLDING TOOL Driveshaft		1	
71	0091	8M0026034	TOOL KIT		1	

Powerhead Gasket Set Components

Powerhead Gasket Set Components

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0027	883599A02	GASKET SET		1	
0	0027	883213	GASKET Vapor Separator Bowl		1	
0	0027	879866	GASKET SET Intake Manifold	(Contains 4 Gaskets)	1	
0	0027	892319001	GASKET Cylinder Block		1	
0	0027	857078	GASKET Exhaust Cover		1	
0	0027	887978	GASKET Thermostat		1	
0	0027	824853	GASKET Thermostat Cover		1	
0	0025	627021	O-RING (.301 x .070) Temperature Sensor	(Plastic Temperature Sensor Housing)	1	
0	0025	8M0011870	SEAL Cylinder Head		1	
0	0027	8M0118179	HEAD GASKET Cylinder Head		1	
0	0025	90196	O-RING (.921 x .139) Oil Plug		1	
0	0025	857096	O-RING Oil Pump		1	
0	0025	857094	O-RING Oil Pump		1	
0	0025	857093	O-RING Oil Pump		1	
0	0026	8M0151047	SEAL Oil Crankshaft-Top		1	
0	0026	8M0151048	SEAL Oil Crankshaft-Bottom		1	
0	0027	892320001	GASKET Adaptor Plate		1	
0	0025	845746	O-RING Oil Pick-UP Plate		1	

PARTS INDEX

Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
11149A2	CABLE ASSEMBLY (6.00 Inches)	60	6	12349A05	TOOL Pinion Locating	64	49
12576	BEARING Thrust	54	27	12577	THRUST WASHER	54	26
12578T	BEARING Roller	54	25	12596T2	CARRIER ASSEMBLY Bearing	54	20
13541	PLUG Male	10	24	13945	INSTALLATION TOOL Bearing	64	26
13949	DRIVER TOOL Oil Seal	64	42	14308T02	BEARING RACE DRIVER	66	52
14309T02	INSTALLATION TOOL Bearing	66	53	14310T1	WEAR SLEEVE DRIVER	66	54
14311A04	TOOL Preload	66	55	15755T	NEEDLE BEARING DRIVER	64	35
18286A18	SWITCH KIT Trim (10.00 Feet)	60	-	18486A08	BRACKET KIT Anchor	46	12
18861	RETAINER	60	1	19565002	GROMMET	40	8
19606	BEARING Trim Pin	44	2	19607	PIN	58	18
19619	WASHER	46	11	196601	INDICATOR TOOL Backlash	66	56
1993325	SCREW (M10 x 25 MM)	48	3	1993720	SCREW (M6 x 20)	20	4
22740	CLIP	46	28	23784	PIN Dowel	40	2
24156	NUT (.625-18)	64	29	24836	CLIP	10	13
26996	LOCKWASHER (#10) Stainless Steel	44	10	27780	PULLER	64	37
291112	FITTING	40	26	29245	WASHER (.281 x .500 x .060) Stainless Steel	46	15
29310	PLATE	64	31	29641	E RING	52	37
30893	SPRING	54	18	30894A1	BEARING SET Cup And Cone	54	11
30895T	BEARING Needle	54	14	30956T	BEARING Needle	54	22
31106T	MANDREL Bearing Driver Cup	66	57	31108T	DRIVER Oil Seal	66	58
31229	SHAFT	64	32	31229A7	PULLER KIT Bearing	64	-
31640T07	TRIM TAB	50	7	34569A1	PULLER ASSEMBLY Slide Hammer	66	59
34961	WASHER	64	30	35462	WASHER (.2656 x .625 x .0625) Stainless Steel	20	10
35921	NUT (.625-18)	50	16	36569T	DRIVE HEAD TOOL	64	36
36571T	PILOT WASHER	64	33	37241	PULLER PLATE Universal	64	38
37312T	DRIVESHAFT BEARING DRIVER	64	39	37323	DRIVER ROD TOOL Needle Bearings	64	34
37350T	PILOT MANDREL	66	61	37828	WASHER (.390 x .625 x .062) Stainless Steel	42	20
4000325	SCREW (M6 x 8)	34	3	4000330	SCREW (M6 x 25)	46	14
4000333	SCREW (M6 x 40)	36	10	4000333	SCREW (M6 x 40)	50	14
4000377	SCREW (M10 x 30)	42	25	40011107	SCREW (M5 x 16) Stainless Steel	10	26
40011126	SCREW (M6 x 13) Stainless Steel	22	21	40011153	SCREW (M8 x 45) Stainless Steel	10	36
4002316	WASHER (6.60 X 17.0 X 1.5SS)	10	3	4002316	WASHER (6.60 X 17.0 X 1.5SS)	16	15
4002316	WASHER (6.60 X 17.0 X 1.5SS)	22	15	4002316	WASHER (6.60 X 17.0 X 1.5SS)	26	37
4002319	WASHER	42	26	4002319	WASHER	46	26
4002320	WASHER	14	17	400632	NUT	4	8
4006731	SCREW (M6 x 16)	40	6	4007455	SCREW (M6 x 55)	40	13
4009040	SCREW (M10 x 40) Stainless Steel	46	25	401196	NUT (M6)	22	16
401366	NUT (M6) Stainless Steel	28	5	401378	NUT (M8)	54	30
401386	NUT (M6) Stainless Steel	20	9	401386	NUT (M6) Stainless Steel	50	13
401388	NUT (M8) Stainless Steel	46	19	4013930	SCREW (M5 x 30)	14	10
40140	NUT (M10)	42	16	40140	NUT (M10)	46	27
40140	NUT (M10)	48	16	41069	SCREW (#10-24 x .750)	44	9
416223	PLUG Pipe (.750-14)	32	5	42461A1	SLEEVE/RING KIT	50	20
43026T2	IMPELLER	50	33	43035	SEAL Oil Upper	50	25
43035A05	SEAL KIT Gear Housing	52	-	43035A05	SEAL KIT Gear Housing	54	-
43036	SEAL Oil Lower	50	26	43040T1	CARRIER ASSEMBLY	50	10
43044	PIN Dowel - Without Hole (.375 x .625) Rear	50	6	43046	TUBE Oiler	50	3
430472	GASKET	50	24	43052A4	BUSHING ASSEMBLY	52	38
43506T	RETAINING TOOL Bearing	64	44	44357Q2	FLUSHING ATTACHMENT	62	1
451761	WASHER (.453 x .812 x .105) Black Oxide	50	9	457101	O-RING (1.424 x .103)	52	39
46086A1	PULLER JAW ASSEMBLY	66	60	479452	PLUG	32	3
479452	PLUG	32	14	56762	TIE STRAP (4.00 Inches)	26	35
58222A1	DIAL INDICATOR TOOL	66	63	627021	O-RING (.301 x .070)	32	22
627021	O-RING (.301 x .070) Temperature Sensor	68	0	629101	FITTING Elbow - 90 Degree (.125-27)	34	12
629101	FITTING Elbow - 90 Degree (.125-27)	40	9	65292	J CLIP	10	35
65292	J CLIP	16	10	65830	NYLINER	46	7
66301	SEAL Oil	40	11	70080	SEAL Oil Inner	54	23
70081	SEAL Oil Outer	54	24	74647	NYLINER	20	13
74951	SPANNER WRENCH	62	16	77653101	HOSE (48.00 Inches Bulk) Cut to 19 Inches - To Fitting in Adaptor Plate	34	19
78910	WASHER	54	9	79091	FUSE 20 Ampere	60	4

PARTS INDEX

Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
79910	SPRING	54	8	802653Q02	WRENCH Oil Filter	62	3
802889Q1	PUMP Crankcase Oil	62	2	803496T2	BEARING/SEAL KIT	52	-
803496T2	BEARING/SEAL KIT	54	-	809494A1	COMPRESSOR TOOL Valve Spring	62	17
809495001	TOOL Valve Guide	62	14	809496A1	INSTALLER TOOL Valve Guide Bushing	62	15
809876A1	SCREW KIT Motor	58	12	809877A1	DRIVESHAFT/SEAL KIT	58	13
810776A1	PISTON ASSEMBLY Memory	58	2	812708	SPRING	46	8
8134351	PLUG	58	9	813523	SCREW (#10-16 x 2.25)	60	7
813745	SPACER	48	20	814259	SCREW (.500-20 x 4.00)	46	22
814820	ADAPTER	60	2	816311T	TIE STRAP (8.00 Inches)	12	38
816311T	TIE STRAP (8.00 Inches)	14	4	816311T	TIE STRAP (8.00 Inches)	32	25
816311T	TIE STRAP (8.00 Inches)	34	20	816311T	TIE STRAP (8.00 Inches)	40	10
816311T	TIE STRAP (8.00 Inches)	40	24	8164641	SEAL Oil	52	40
816575A2	SEAL KIT	50	-	8168665	STUD (M10 x 130)	48	14
817005	INSTALLER TOOL Bearing	64	45	817006	INSTALLER TOOL Water Pump Base Seal	64	46
817007T	INSTALLER TOOL Seal	64	43	817008A2	LOCATION TOOL Pinion Gear	64	47
817009T	DRIVER TOOL Bearing Cup	64	48	817011T	INSTALLER TOOL Needle Bearing	64	40
817057A02	TOOL Backlash Indicator	66	68	817058A1	DRIVER TOOL Bearing	66	69
817070	HOLDING TOOL Driveshaft	66	62	817275A2	HOUSING KIT Upper Water Pump	50	28
8172761	FACEPLATE	50	29	8172771	GASKET	50	27
818298Q1	ANODE KIT	46	13	818967	GROMMET	16	7
818968	BUSHING	16	8	82129110	SCREW (M6 x 10)	16	11
82129114	SCREW (M6 x 14)	10	15	82129125	SCREW (M6 x 25 MM)	10	1
82129125	SCREW (M6 x 25 MM)	16	9	82129130	SCREW (M6 x 30)	16	4
82130025	SCREW (M6 x 25)	26	7	82130025	SCREW (M6 x 25)	26	36
8214281	SCREW (#10-16 x .625)	28	25	821539	PIN Trilobe	58	17
8217711	BUSHING	44	7	821777	BUSHING Lower	44	5
82239312	SCREW (M5 x 12)	10	37	822404	SEAL	44	6
822426T03	LATCH ASSEMBLY Rear	8	19	822464	PLUG	40	7
822560A5	HARNES ASSEMBLY DDT Adapter	62	11	822625	NIPPLE (M20)	32	7
8227731	INSERT Threaded	54	2	822865T05	BRACKET Transom - Starboard	46	4
822866T04	BRACKET Transom - Port	46	1	822869001	PIN	58	19
8231871	SCREW (M4 x 14.5)	4	6	823919	SCREW (.375-24 x 1.500)	42	18
824015	CUP Barrel Retainer	20	2	824459110	SCREW (M8 x 110) Stainless Steel	48	5
8248324	SCREW (M6 x 16)	10	12	8248326	SCREW (M6 x 25 MM)	14	2
8248326	SCREW (M6 x 25 MM)	28	20	8248326	SCREW (M6 x 25 MM)	28	27
8248329	SCREW (M6 x 40)	10	30	824853	GASKET	32	17
824853	GASKET Thermostat Cover	68	0	825003A1	CABLE ASSEMBLY DDT 10 Feet	64	41
825010	PIN Dowel	32	2	825010	PIN Dowel	34	16
82503395	SCREW (M9 x 95)	34	15	82506182	SCREW (M8 x 82)	32	8
825427	SCREW (.437-14 x 1.250) Stainless Steel	50	8	826134Q	ANODE	50	12
826149	PIN	36	2	826276	BUMPER	48	8
826291T02	BRACKET Front Latch	4	5	82671117	NUT (.500-20)	46	24
826802T36	HARNES ASSEMBLY Trim	16	17	82684425	SCREW (M6 x 25)	50	34
82684425	SCREW (M6 x 25)	52	41	82684430	SCREW (M6 x 30)	22	3
82684430	SCREW (M6 x 30)	28	23	82684430	SCREW (M6 x 30)	50	30
8272822	DECAL Warning High Voltage	12	-	82761140	SCREW (M10 x 40)	14	16
827948	FITTING	8	8	8279973	SPACER	42	9
828102	BRACKET	16	6	828529	GUIDE	48	12
828547353	CONDUIT (.350 Inside Diameter x 3.00 Feet Bulk) Cut to 24 Inches	24	1	828547633	CONDUIT (.620 Inside Diameter x 3.00 Feet Bulk)	22	22
828547T1	CONDUIT (.500 Inside Diameter x 3.00 Feet Bulk) Cut to 26 Inches	22	2	8288181	PLUG Drain	48	6
830749	SEAL	50	5	8308971	FOAM PAD	10	29
83155	ADAPTER KIT Dial Indicator	66	65	83163M	HOLDER TOOL Flywheel	62	4
83164M	FLYWHEEL PULLER	62	5	83165T	PULLER ASSEMBLY	66	66
8329692	FUSE Mini - Gray - 2 Ampere	10	21	832969T05	FUSE Mini - Tan - 5 Ampere	10	21
832969T15	FUSE Mini - Blue - 15 Ampere	10	21	832969T20	FUSE Mini - Yellow - 20 Ampere	10	21
832969T25	FUSE Mini - Clear - 25 Ampere	10	21	832990T3	VALVE Intake	30	2
833102T	GEAR Drive	14	13	833104T6	GEAR Driven	14	15
834838	LOAD RING	14	12	834985	GROMMET	10	4
834985	GROMMET	16	13	834985	GROMMET	22	14

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834985	GROMMET	26	11	845746	O-RING	40	15
845746	O-RING Oil Pick-UP Plate	68	0	850066T01	SWIVEL BRACKET	44	1
850175T03	SWIVEL TUBE ASSEMBLY Short	42	10	850181	TIE STRAP (11.750 Inches)	8	26
850181	TIE STRAP (11.750 Inches)	28	24	854445	SENSOR MAP	28	15
854793	HOSE Oil Pickup	40	19	855228	CLAMP	40	18
85594030	SCREW (M8 x 30)	46	16	855941	WASHER (.323 x .590 x .112) Stainless Steel	54	29
856774	WASHER (.406 x .750 x .105) Stainless Steel	48	15	856774	WASHER (.406 x .750 x .105) Stainless Steel	48	17
856823	RING Retaining	54	15	856875A1	INSTALLATION TOOL Bearing	66	67
856954	BUSHING	8	16	856954	BUSHING	10	6
856954	BUSHING	16	12	856954	BUSHING	22	13
856954	BUSHING	26	12	856982	WASHER (.500 x .810 x .090) Stainless Steel	42	27
857077T02	CRANKSHAFT ASSEMBLY	38	1	857078	GASKET	32	12
857078	GASKET Exhaust Cover	68	0	8570851	SHAFT Rocker	30	10
857087T1	PUMP ASSEMBLY Oil	36	4	857093	O-RING	36	8
857093	O-RING Oil Pump	68	0	857094	O-RING	36	7
857094	O-RING Oil Pump	68	0	857096	O-RING	36	5
857096	O-RING Oil Pump	68	0	857139	SCREW (M8 x 35)	32	24
85716	PULLER BOLT TOOL Bearing Carrier	66	64	858271	SEAL	30	3
858869	NUT (.875-14)	46	21	858954	CLIP (.625)	10	9
859284T2	FLYWHEEL COVER	14	1	859575	PIN	30	17
859578A1	PLUG ASSEMBLY Oil	34	17	859594	BUSHING	40	12
859768	WASHER	34	4	861844	O-RING	54	21
875206	SCREW (M6 x 16)	36	9	875209	PIPE PLUG	34	6
875218	SCREW (M8 x 23)	30	15	877321A1	INSTALLATION TOOL Bearing	64	25
8775381	PROTECTIVE SLEEVE	24	4	877805T	SOLENOID VALVE	28	6
877829T01	MANIFOLD Intake	28	1	877829T06	MANIFOLD ASSEMBLY Intake - Complete	28	-
877831A02	THROTTLE BODY ASSEMBLY	28	11	877831A1	HOSE	28	10
877834	BRACKET	28	4	877840A1	HOLDING TOOL Driveshaft	66	70
878143T05	STATOR	14	11	878183	PIN Dowel	36	3
878607	SCREW (#10-16 x .375)	42	15	878609	SCREW (#10-16 x .600)	46	30
879147T24	CAP	8	13	879866	GASKET SET	28	2
879866	GASKET SET Intake Manifold	68	0	879867	GASKET	28	18
879884T	FILTER ASSEMBLY Fuel	22	9	879887T	TFI SYSTEM	28	7
879962	CLIP Part of Electrical Harness	10	10	880786	BOOT Insulator - Red	10	19
881059	SCREW	28	3	881060	SCREW	28	14
881872A1	BODY Oil Pressure Relief	40	21	881908T	CABLE SET	16	3
88238A13	CABLE ASSEMBLY Ground	42	12	88238A18	CABLE ASSEMBLY	58	16
88238T01	CABLE ASSEMBLY	42	11	882751A1	RELAY ASSEMBLY	16	5
882813A3	GEAR KIT Forward And Pinion 28 Teeth	54	13	882813A3	GEAR KIT Forward And Pinion 28 Teeth	54	-
883047A1	BEARING ASSEMBLY Tapered Roller	50	17	8831483	RESTRICTOR	28	21
883213	GASKET Vapor Separator Bowl	68	0	883220	CAP	26	22
883323001	SPARK PLUG	10	7	883420	TOOL Sleeve (.625)	66	-
883460	CLIP	28	9	88348935	SCREW (M6 x 35)	32	9
88348935	SCREW (M6 x 35)	32	19	883597	O-RING KIT Injector	28	-
883598	O-RING KIT Injector	28	-	883599A02	GASKET SET	28	-
883599A02	GASKET SET	32	-	883599A02	GASKET SET	34	-
883599A02	GASKET SET	36	-	883599A02	GASKET SET	38	-
883599A02	GASKET SET	40	-	883599A02	GASKET SET	68	-
883834T01	CABLE ASSEMBLY Diode	10	23	883877A1	REMOVAL TOOL Fuel Injector	62	12
88439A4	CABLE ASSEMBLY Battery - Negative	10	34	88439A9	CABLE ASSEMBLY Battery - Positive	10	18
88552514	SCREW (M6 x 14 MM) Stainless Steel	8	23	88552535	SCREW (M6 x 35 MM) Stainless Steel	22	23
887978	GASKET	32	16	887978	GASKET Thermostat	68	0
888805A00	REPAIR KIT Clutch And Cam Follower	54	-	888805T	CLUTCH	54	16
888806	ROD Clutch Actuator	54	5	888819002	DRAIN Cowl	8	18
888823001	SHIFT DETENT ASSEMBLY	20	14	888832	WASHER	20	7
888988023	CLAMP	22	7	888988023	CLAMP	26	6
888988023	CLAMP	26	28	888988023	CLAMP	26	38
889246T99	PAN	8	7	889567	PLUG (.500-14)	32	4
889575	SENSOR ASSEMBLY	32	21	88960845	SCREW (M8 x 45)	48	4
889622A01	TOOL Timkin Cup	66	-	889990T	GEAR Reverse	54	19
890451	ADAPTER TOOL Direct Voltage	62	7	891637	BUSHING	52	42

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892073002	SHOULDER SCREW (M6)	8	4	892123002	INJECTOR	28	8
8922263	BUSHING	20	11	892267503	HOSE	26	10
892267504	HOSE	26	9	892267506	SCREW Drain	26	2
892267510	ISOLATOR	26	15	892267511	WASHER	26	8
892267512	SCREEN	26	26	892267513	O-RING	26	25
892267515	SCREW (M5 x 18)	26	27	892267516	HOSE	26	34
892267517	CLIP	26	33	892267519	COVER	26	18
892267520	PLATE	26	29	892267521	INSULATOR	26	14
892267523	INSULATOR	26	16	892267527	FLOAT	26	31
892267528	PIN Float	26	32	892267529	SCREW (M4 x 8)	26	30
892267530	O-RING	26	3	892267531	SCREW (M4 x 16)	26	21
892267534	STRAINER Fuel	26	17	892267535	CONNECTOR Electrical	26	20
892267A50	REGULATOR KIT Pressure	26	24	892267A51	PUMP KIT Fuel Also includes cover to body o ring 25-892267530	26	13
892267A52	FLOAT VALVE KIT	26	23	892267A54	BODY ASSEMBLY	26	1
892267A55	COOLER ASSEMBLY Fuel	26	5	892267T03	VAPOR SEPARATOR ASSEMBLY	26	-
892267T57	COVER ASSEMBLY	26	19	892319001	GASKET	32	10
892319001	GASKET Cylinder Block	68	0	892320001	GASKET	40	14
892320001	GASKET Adaptor Plate	68	0	892647A01	MULTI-METER KIT DMT	62	8
89302	WASHER (.203 x .406 x .040)	4	7	89302	WASHER (.203 x .406 x .040)	44	11
893502T02	CYLINDER BLOCK ASSEMBLY	32	1	893505T05	CYLINDER HEAD ASSEMBLY Complete	30	-
893505T05	CYLINDER HEAD ASSEMBLY Complete	34	-	893505T05	CYLINDER HEAD ASSEMBLY Complete	36	-
893505T06	CYLINDER HEAD ASSEMBLY Basic	34	1	893521	ATTENUATOR	28	19
893524T08	PISTON ASSEMBLY Standard	38	9	893525A01	RING SET Piston	38	10
893525A02	RING SET Piston	38	10	893525A03	RING SET Ring	38	10
893529	RETAINER Piston Pin	38	14	893530T01	CONNECTING ROD ASSEMBLY	38	6
893549	SEAL Oil	34	5	893552	SPRING	30	4
893553	RETAINER	30	5	893554	KEY	30	6
893560	BRACKET	30	12	893561	BRACKET	30	13
893562	SPRING	30	14	893563	SPRING Overload	30	18
893565	CAMSHAFT	36	1	893630	BEARING Brown	38	8
893630001	BEARING Black	38	8	893630002	BEARING Blue	38	8
893631	BEARING Main - Brown	32	6	893631001	BEARING Main - Black	32	6
893631002	BEARING Main - Blue	32	6	893640T01	REGULATOR Voltage	10	27
893645	GASKET	30	16	893655T	MOUNT Upper	42	3
893678T03	POWERHEAD ASSEMBLY	12	-	893678T03	POWERHEAD ASSEMBLY	32	-
893678T03	POWERHEAD ASSEMBLY	34	-	893678T03	POWERHEAD ASSEMBLY	38	-
893694T02	COVER ASSEMBLY	34	8	893696	BRACKET Ride-Guide	42	23
893697	LIFTING EYE	32	23	893700	BAFFLE Oil Pick-up	40	20
893703	STRAP Lower Mount	42	14	893704T01	LEVER Tilt Lock	46	5
893745025	SCREW (M6 x 25)	34	21	893761	KEY	38	3
893762	WASHER (18 X 36 X 3)	14	9	893765	PLATE Top Oil Pickup	40	17
893768	PLATE Solenoid	10	16	893771	BRACKET Connector	10	28
893772	BRACKET	22	20	893773002	STRAP Upper Mount	42	2
893774002	BRACKET	10	2	893789	NUT	14	8
893863	PIN Piston	38	13	893888T	STARTER MOTOR ASSEMBLY Complete	10	32
893902A01	O-RING KIT	58	3	893907A02	MOTOR KIT	58	8
893912A02	FILTER KIT	58	14	893913A02	POPPET KIT	58	15
893929A01	VALVE KIT Relief	58	10	893944A01	VAVLE KIT Trim Limit	58	6
89531	RING Retaining	42	6	896699	O-RING (1.78 mm x .08 mm)	28	17
896895	NUT (M12)	42	1	897535005	SPRING Throttle Cam Return	18	3
897936	WASHER	8	24	897936	WASHER	18	12
897937	WASHER	18	4	897940T01	HARNESS ASSEMBLY Fuse	10	8
897970A01	TUBE/SEAL KIT Water - Short	48	10	898093	WASHER Wave	18	5
898454	CLIP (19 mm)	16	16	898821A01	ROCKER ARM ASSEMBLY	30	7
898835	SCREW (M12 X1.75)	42	8	899041	LINK Shift	20	8
899042	ROLLER	20	6	899044	LATCH	20	1
899070	FOLLOWER Cam	54	3	899145	CLIP Tie Strap	40	23
8M0000578	SCREW Adjustment	28	12	8M0000586	SCREW (M8 x 35)	46	17
8M0001157	PIN Bow Tie Clip	18	8	8M0001157	PIN Bow Tie Clip	20	5
8M0006021	LINK ASSEMBLY Throttle	18	1	8M0006054	RETAINER	8	22

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8M0006055	BRACKET Rear Latch	4	4	8M0006060	SEAL	8	21
8M0007119	SEAL Drain Plug	48	7	8M0007243	BRACKET	20	3
8M0007470	KNOB	46	9	8M0007495	RETAINER	28	26
8M0008243	COVER Thermostat	32	18	8M0008317	FOLLOWER Cam	18	10
8M0008708	O-RING	40	4	8M0009820	TAB WASHER	42	24
8M0011870	SEAL	34	7	8M0011870	SEAL Cylinder Head	68	0
8M0012661	SCREW	34	23	8M0021330	PLUG (M18)	40	22
8M0021603	CAM Throttle	18	7	8M0021770	STRAINER Water	32	20
8M0021914	PIN (.125 x 30 mm)	46	10	8M0022107	FITTING	26	39
8M0022218	CLAMP	22	18	8M0022324	SCREW (M6 x 25 MM)	8	3
8M0022331	SCREW Ratchet	22	19	8M0022500	FITTING Reducer	22	17
8M0025696	GROMMET	8	17	8M0026034	TOOL KIT	66	71
8M0026035	SEAL	8	6	8M0026161	LINK ROD	42	17
8M0026249	DIPSTICK TUBE ASSEMBLY Plastic	40	3	8M0026326	DEFLECTOR Cowl	34	22
8M0032833	KEY	50	32	8M0034456	STUD (M8 X 1.25 X 48)	54	28
8M0037159	ROLLER	18	11	8M0041938	TILT TUBE	46	20
8M0042300	SWITCH Trim	8	9	8M0042636	NUT (.375-24) Brass	42	21
8M0042636	NUT (.375-24) Brass	42	22	8M0043364	BUMPER	48	13
8M0044991	IGNITION COIL Ignition Dual Output	16	2	8M0044994	COIL PLATE	16	1
8M0045270	COVER	10	22	8M0049884	BOLT	38	7
8M0054213	HOSE Cut to 9 Inches	26	4	8M0055011	POWER TRIM KIT	58	-
8M0055016	CYLINDER ASSEMBLY KIT	58	5	8M0055018	MANIFOLD KIT	58	11
8M0055019	POWER TRIM PUMP KIT	58	7	8M0056643	DECAL Read Manual	6	4
8M0057775	PISTON ASSEMBLY	38	9	8M0057776	PISTON ASSEMBLY	38	9
8M0058389	SCREW KIT Drain	50	4	8M0063265	SHIM SET	50	18
8M0063266	SHIM SET	54	10	8M0065029	VALVE Exhaust	30	1
8M0071815	BOLT Shoulder, Throttle Lever	18	6	8M0071838	EXTREME GREASE QS, 8 oz tube	62	20
8M0080154	DECAL M-ICON, Blue	6	2	8M0082988	SENSOR Crankshaft Position Crank Position	10	25
8M0084243	PIN Cross	54	6	8M0084244	PIN Dowel Front	50	2
8M0084245	PIN Spring Locator Spring Locator	54	7	8M0084613	C-WASHER	46	29
8M0084742	SOCKET	18	2	8M0085874	SCREW	12	40
8M0086956	LINE Fuel	24	2	8M0089947	O-RING KIT Power Trim	58	-
8M0091611	SHIFT SHAFT Upper, Short	20	12	8M0098207	SWITCH Oil Pressure	10	31
8M0098264	TRIM SENDER KIT Natural	44	8	8M0098898	RELAY	12	39
8M0100526	REPAIR KIT Water Pump	52	-	8M0103805	SCREW (M6 x 16MM) Stainless Steel	4	3
8M0103806	SCREW (M6 x 20 MM) Stainless Steel	8	11	8M0103806	SCREW (M6 x 20 MM) Stainless Steel	8	14
8M0103807	SCREW (M6 x 25 MM) Stainless Steel	8	15	8M0103807	SCREW (M6 x 25 MM) Stainless Steel	16	14
8M0103829	SCREW	42	13	8M0106686	SNUBBER	42	28
8M0107175	BRACE	10	14	8M0108349	HOSE (70 Inches Bulk) To VST Cooler - Cut to 37 Inches	22	4
8M0108349	HOSE (70 Inches Bulk) To Telltale - Cut to 6 Inches	22	6	8M0108349	HOSE (70 Inches Bulk) Cut to 10 Inches - To VST Cooler	32	26
8M0108355	HOSE (57 Inches Bulk) To Vapor Separator Cover - Cut to 16.5 Inches	22	5	8M0108355	HOSE (57 Inches Bulk) Cut to 8 Inches	22	8
8M0108355	HOSE (57 Inches Bulk) Cut to 34 Inches	22	11	8M0108355	HOSE (57 Inches Bulk) Cut to 17 Inches	40	25
8M0108769	CLIP	16	18	8M0109278	SEAL	4	10
8M0109650	WASHER (.33 X .56 X .06)	46	18	8M0109675	WASHER (.516 X 1.5 X .12)	46	23
8M0109680	WASHER (.39 X .546 X .12)	42	19	8M0110160	WASHER (22 X 11 X 3.4)	42	29
8M0111510	LINE Fuel	24	5	8M0113262	COVER ASSEMBLY Water Pump	50	22
8M0113740	HOSE ASSEMBLY Breather	28	22	8M0113801	REPAIR KIT Water Pump	52	-
8M0117413	THERMOSTAT	32	15	8M0118165	TOP COWL ASSEMBLY Mercury, Non Decaled	4	1
8M0118173	FLYWHEEL ASSEMBLY	14	3	8M0118179	HEAD GASKET	34	13
8M0118179	HEAD GASKET Cylinder Head	68	0	8M0118182	ADAPTER PLATE ASSEMBLY	40	1
8M0118183	ARM Steering	42	7	8M0118185	PLATE	10	11
8M0118194	COVER Exhaust	32	13	8M0118573	SHOCK ROD KIT	58	1
8M0118594	GEAR HOUSING ASSEMBLY Basic	50	1	8M0118594	GEAR HOUSING ASSEMBLY Basic	54	1
8M0120118	HARNESS ASSEMBLY Engine, 4 Cyl	10	20	8M0124318	O-RING 7.94 x 1.78	26	40
8M0125617	SENSOR Position	28	13	8M0127334	POPPET SEAL KIT	58	-
8M0140444	SHAFT Propeller	54	17	8M0141827	PUMP ASSEMBLY	22	1
8M0142616	GASKET Face Plate to Gearcase	50	23	8M0142851	VRING Face Seal	50	35
8M0148584	FUEL CONNECTOR	22	12	8M0148668	SENSOR ASSEMBLY	28	16
8M0149607	FUEL FILTER KIT	22	10	8M0151037	BOOT Idle Exhaust	8	5

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8M0151040	BELT Timing	14	14	8M0151041	SEAL WATER TUBE Upper	48	11
8M0151043	GROMMET	8	25	8M0151044	COUPLING Water Tube	50	31
8M0151047	SEAL Oil	38	4	8M0151047	SEAL Oil Crankshaft-Top	68	0
8M0151048	SEAL Oil	38	5	8M0151048	SEAL Oil Crankshaft-Bottom	68	0
8M0151055	HOOK Front Pan	8	10	8M0151525	DECAL MICON 53 MM, Racing	6	3
8M0156648	FUEL FILTER High Pressure	24	3	8M0156878	BUMPER	42	5
8M0159886	DECAL Lenz, Mercury	6	5	8M0159887	CAP Air Dam, Mercury	4	2
8M0161064	PIPE Exhaust EXHAUST PIPE	48	2	8M0162829	FILTER Oil	32	11
8M0162935	DIPSTICK	40	5	8M0166308	SOUND BLANKET KIT 3 Cylinder	4	9
8M0167149	OPERATION / INSTALL MANUAL 60R Race	2	-	8M0169589	FITTING Grease	44	3
8M0169885	PARTS MANUAL 60R HP FourStroke	2	-	8M0171547	DECAL SET Top Cowl	6	1
8M0171548	PCM, Propulsion Control Module 60R HP FourStroke	10	5	8M0171549	DECAL Maintenance Schedule	14	18
8M0171550	DRIVESHAFT ASSEMBLY	48	1	8M0171550	DRIVESHAFT ASSEMBLY	50	19
8M0171553	GEAR HOUSING ASSEMBLY Complete	50	-	8M0171553	GEAR HOUSING ASSEMBLY Complete	54	-
8M0171581	SHIFT SHAFT ASSEMBLY	50	36	8M0171584	SPACER Driveshaft Housing	48	19
8M4502035	GROMMET	8	12	8M4503518	SCREW (M6 X 1.0 X 20)	34	14
8M4503518	SCREW (M6 X 1.0 X 20)	40	16	8M4503518	SCREW (M6 X 1.0 X 20)	42	4
8M4503628	PLATE Driveshaft Housing	48	9	8M4504018	CAM SHIFT	54	4
8M8025322	CHAP Port	8	1	8M8025323	CHAP Starboard	8	2
90196	O-RING (.921 x .139)	34	18	90196	O-RING (.921 x .139) Oil Plug	68	0
903501	STUD (M10 x 100)	48	18	91800	KEY Woodruff	38	2
932481	BUSHING	18	9	93388A16	CABLE ASSEMBLY (8.50 Inches)	10	17
94330	NUT (.250-20) Brass	10	33	95084A2	CABLE ASSEMBLY	60	5
98727	FITTING Grease	46	2	99379	TIMING LIGHT	62	6
99604	PIN Groove	46	3	99622	SPRING	46	6
FT2997	COMPRESSOR TOOL Piston Ring	62	19	NSS	NOT SOLD SEPARATE Handle-Rear Latch	8	20
NSS	NOT SOLD SEPARATE Decal-Warning Spinning Flywheel	14	5	NSS	NOT SOLD SEPARATE Decal-Timing Marks	14	6
NSS	NOT SOLD SEPARATE Decal-Warning-Neutral	14	7	NSS	NOT SOLD SEPARATE Screw	30	8
NSS	NOT SOLD SEPARATE Nut	30	9	NSS	NOT SOLD SEPARATE Plug	30	11
NSS	NOT SOLD SEPARATE	34	2	NSS	NOT SOLD SEPARATE Breather Pipe	34	9
NSS	NOT SOLD SEPARATE Baffle Plate	34	10	NSS	NOT SOLD SEPARATE Screw	34	11
NSS	NOT SOLD SEPARATE O Ring	36	6	NSS	NOT SOLD SEPARATE Piston Ring - Second	38	11
NSS	NOT SOLD SEPARATE Piston Ring - Second	38	11	NSS	NOT SOLD SEPARATE Piston Ring - Second	38	11
NSS	NOT SOLD SEPARATE Ring, Piston Oil	38	12	NSS	NOT SOLD SEPARATE Decal-Serial Overlaminates	44	4
NSS	NOT SOLD SEPARATE Needle Bearing	50	11	NSS	NOT SOLD SEPARATE Pinion Gear - Part of Forward Gear Kit	50	15
NSS	NOT SOLD SEPARATE Ring-Seal	50	21	NSS	NOT SOLD SEPARATE TOOL, Face Seal Setting	50	NS
NSS	NOT SOLD SEPARATE Cup	54	12	NSS	NOT SOLD SEPARATE Decal-Gearcase Pinion Identification	54	31
NSS	NOT SOLD SEPARATE O Ring	58	4	NSS	NOT SOLD SEPARATE Switch	60	3
NSS	NOT SOLD SEPARATE Lock ring Pliers (P/N-SRP2)	62	13	NSS	NOT SOLD SEPARATE Valve Seat Cutter Kit	62	18
NSS	NOT SOLD SEPARATE Expanding Rod (P/N-CG-41-11)	64	27	NSS	NOT SOLD SEPARATE Collet (P/N-CG-41-14)	64	28