

Parts Manual

Cat.# 90-881784007

Revised 09-12-2020

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Service and Support Material

Service and Support Material

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0090	881784007	PARTS MANUAL 8.2 Mag / 8.2 Mag HO EC		1	
-	0090	879194433	OPERATION MANUAL	[1A351590] & Below	1	
-	0090	8M0048407	OPERATION MANUAL	[1A351591] THRU [1A352713]	1	
-	0090	8M0055149	OPERATION MANUAL	[1A352714] THRU [1A352945]	1	
-	0090	8M0058196	OPERATION MANUAL 8.2L Mag EC	[1A352946] & Up	1	
-	0027	8M0045578	GASKET SET Overhaul		1	
-	0035	866340K01	FILTER Oil - Mercury Brand		1	[1]
-	0035	866340Q03	FILTER Oil - Quicksilver Brand		1	[1]
-	0092	858087K01	20W40 FULL SYN SD/IB OIL MPP, 1 Quart		1	[2]
-	0092	858088K01	20W40 FULL SYN SD/IB OIL MPP, 1 Gallon		1	[3]
-	0037	8M0045436	DECAL SET 8.2L Base	[1A352249] & Below	1	
-	0037	8M0054483	DECAL SET 8.2L EC Base	[1A352250] & Up	1	
-	0037	8M0045437	DECAL SET 8.2L High Output	[1A352249] & Below	1	
-	0037	8M0054484	DECAL SET 8.2L EC High Output	[1A352250] & Up	1	
-	0037	8M0045438	DECAL SET 8.2L Base (SeaCore)	[1A352249] & Below	1	
-	0037	8M0054485	DECAL SET 8.2L EC Base (SeaCore)	[1A352250] & Up	1	
-	0037	8M0045439	DECAL SET 8.2L High Output (SeaCore)	[1A352250] & Below	1	
-	0037	8M0054486	DECAL SET 8.2L EC High Output (SeaCore)	[1A352249] & Up	1	
-	0037	8M0045577	DECAL SET 8.2L Base		1	
-	0037	8M0045575	DECAL SET 8.2L High Output		1	
-	0037	8M2018570	LABEL Circuit Breaker		1	
-	0037	8M2017892	DECAL Power Steering Fluid		1	
-	0037	8M2017894	DECAL Flush Port		1	
-	0037	8M2017891	DECAL Engine Coolant		1	
-	0037	8M2007500	DECAL Emission Control		1	
-	0000	8M0045344	LONGBLOCK ASSEMBLY		1	

PART NOTES:

- [1] - Alternate part numbers:
866340K01MPP
866340Q02Service Part
866340Q03QS
- [2] - Alternate part numbers:
858087K01MPP
858087Q01QS
- [3] - Alternate part numbers:
858088K01MPP
858088Q01QS

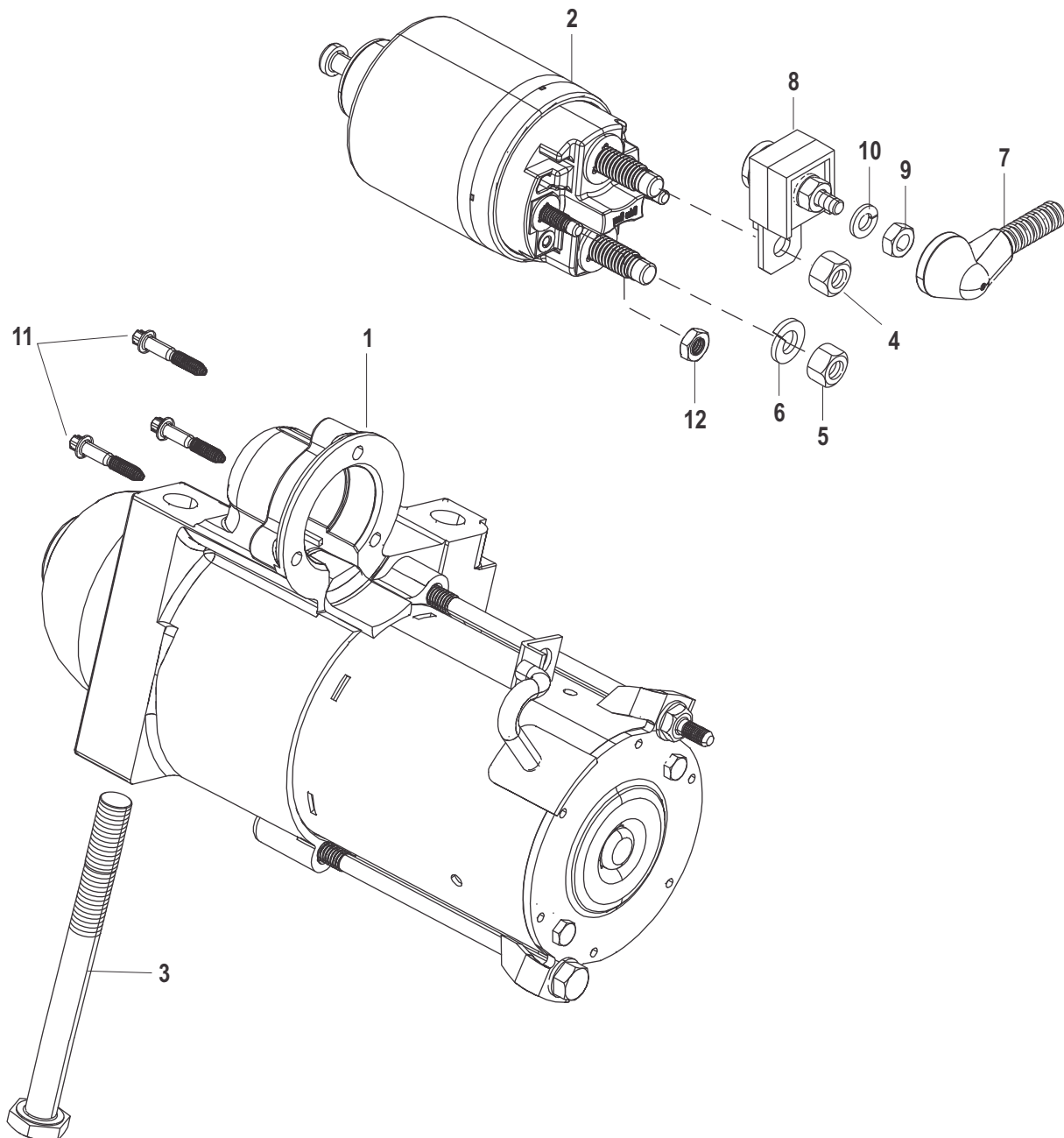
Maintenance Kits

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	8M0147053	MAINTENANCE KIT 5.0L/5.7L/377 MAG/8.2L Bravo (100 Hours)		1	
-	0035	866340K01	FILTER Oil - Mercury Brand		1	[1]
-	0035	8M0093688	FILTER Fuel		1	
-	0026	830749	SEAL		2	
-	0000	8M0147071	MAINTENANCE KIT 8.2L MPI Bravo (300 Hours)		1	
-	0035	866340K01	FILTER Oil - Mercury Brand		1	[1]
-	0035	8M0093688	FILTER Fuel		1	
-	0026	830749	SEAL		2	
-	0033	810883	SPARK PLUG		8	
-	0000	8M0045990	THERMOSTAT		1	
-	0025	8071341	SEAL		1	
-	0057	8M0045227	BELT Serpentine Serpentine		1	
-	0000	8M0099429	VALVE ASSEMBLY Crankcase Vent		1	
-	0047	8M0137219	IMPELLER KIT Heavy Duty		1	

PART NOTES:

- [1] - Alternate part numbers:
- 866340K01MPP
- 866340Q02Service Part
- 866340Q03QS

Starter Motor



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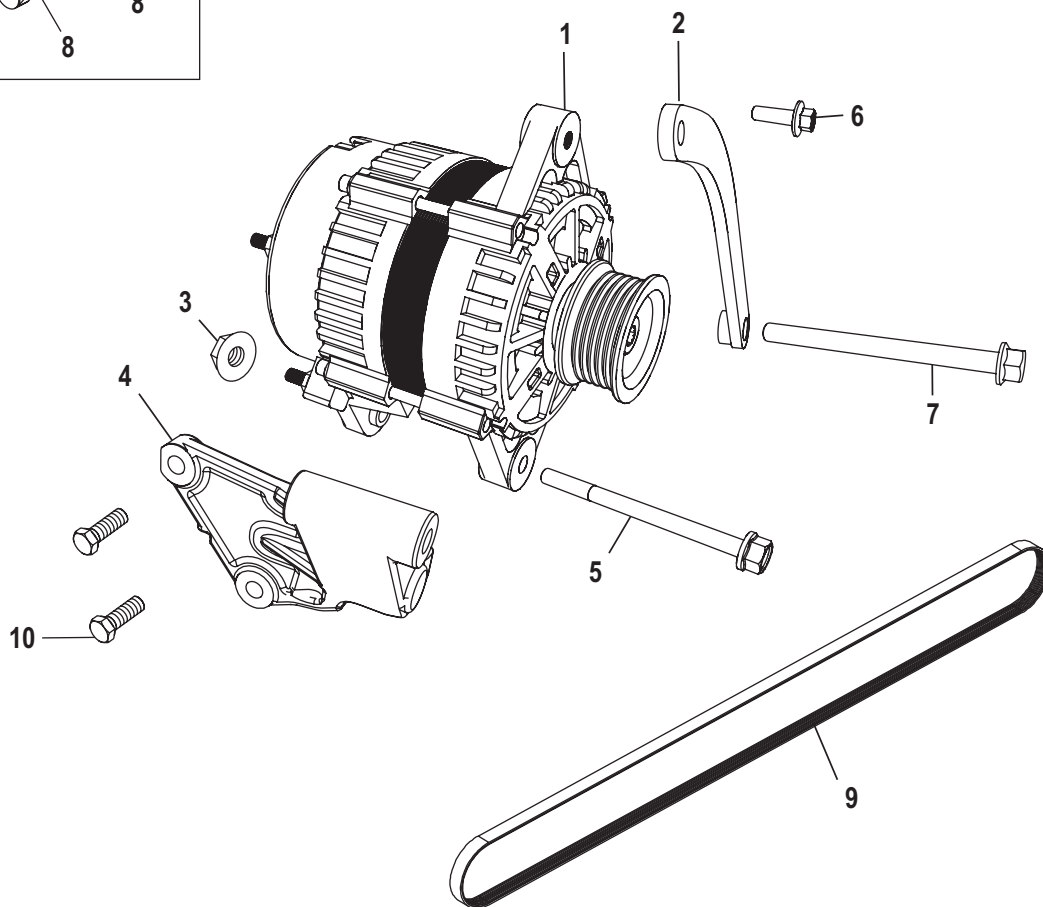
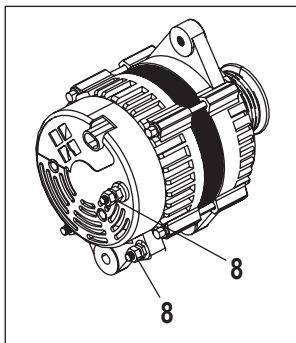
Starter Motor

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0050	863007A1	STARTER MOTOR ASSEMBLY		1	[1]
2	0000	809463A1	SOLENOID KIT Starter		1	
3	0010	8053432	SCREW (.375-16 x 4.33)		2	
4	0011	806949	NUT (M8-1.5)		1	
5	0011	806949	NUT (M8-1.5)		1	
6	0013	26996	LOCKWASHER (#10) Stainless Steel		1	
7	0085	79695T	BOOT Insulator (Black)		1	
8	0088	79023T90	FUSE ASSEMBLY 90 Ampere		1	
9	0011	826709109	NUT (.250-28) Stainless Steel		1	
10	0013	400247	LOCKWASHER (M8)		1	
11		NSS	NOT SOLD SEPARATE Screw		3	
12	0011	400211	NUT (M5) Stainless Steel		2	

PART NOTES:

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

Alternator



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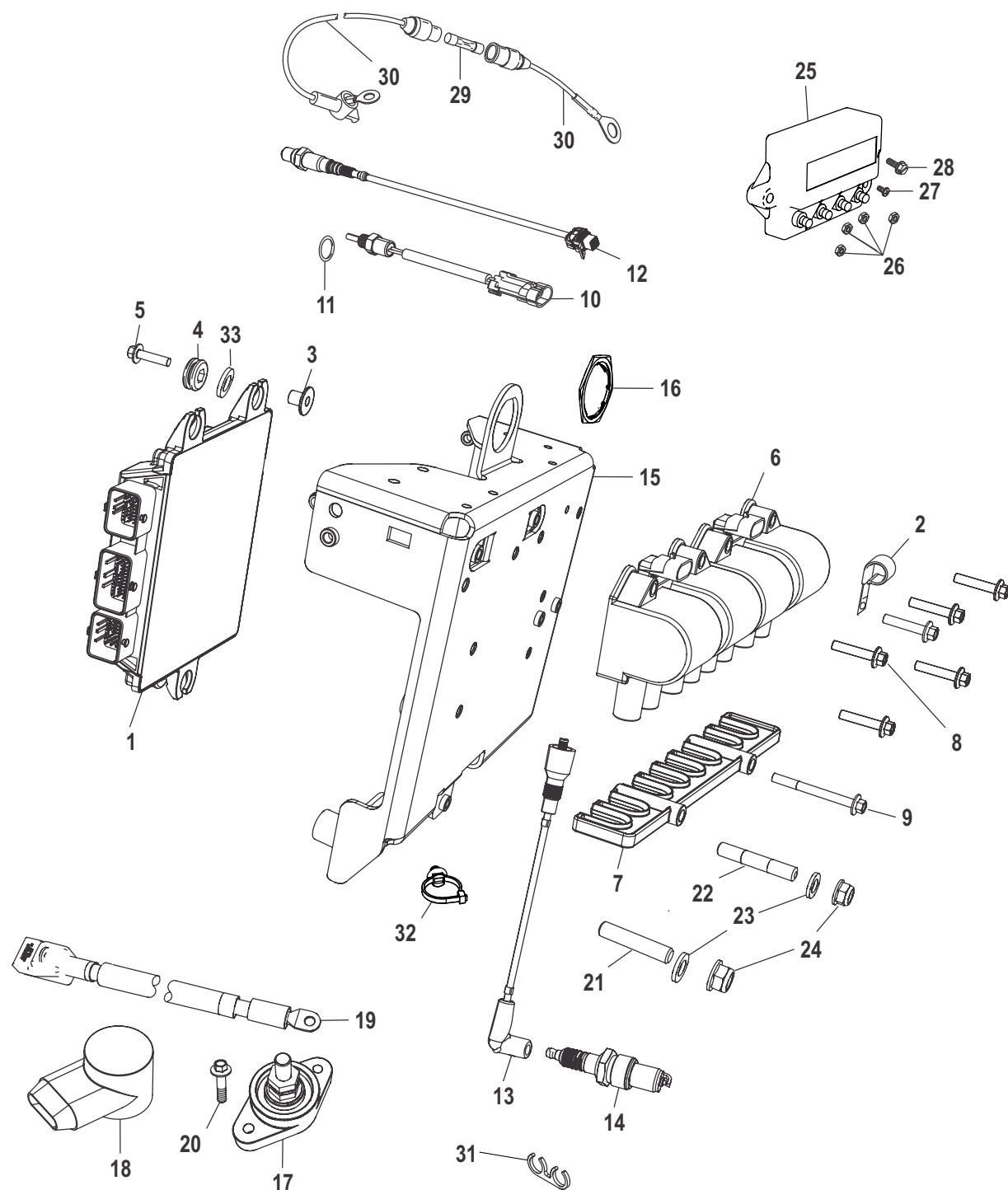
Alternator

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	863077T	ALTERNATOR ASSEMBLY Black		1	[1]
2	0000	8M2017248	BRACKET Alternator		1	
3	0011	826365	NUT (M8)		1	
4	0000	8M0045251	BRACKET Alternator		1	
5	0010	824459110	SCREW (M8 x 110) Stainless Steel		1	
6	0010	4010725	SCREW (M8 x 25)		1	
7	0010	8M2017380	SCREW (.4375-14 x 5.5)		1	
8	0011	400212	NUT (M6) Stainless Steel		2	
9	0057	8M0045227	BELT Serpentine	MCM	1	
9	0057	8M0045986	BELT Serpentine	MIE	1	
10	0010	865982005	SCREW (.375-16 x 1.00) Alternator Bracket		2	

PART NOTES:

- [1] - Alternate part numbers:
- 863077R01Reman
- 863077TQS

Electrical Components

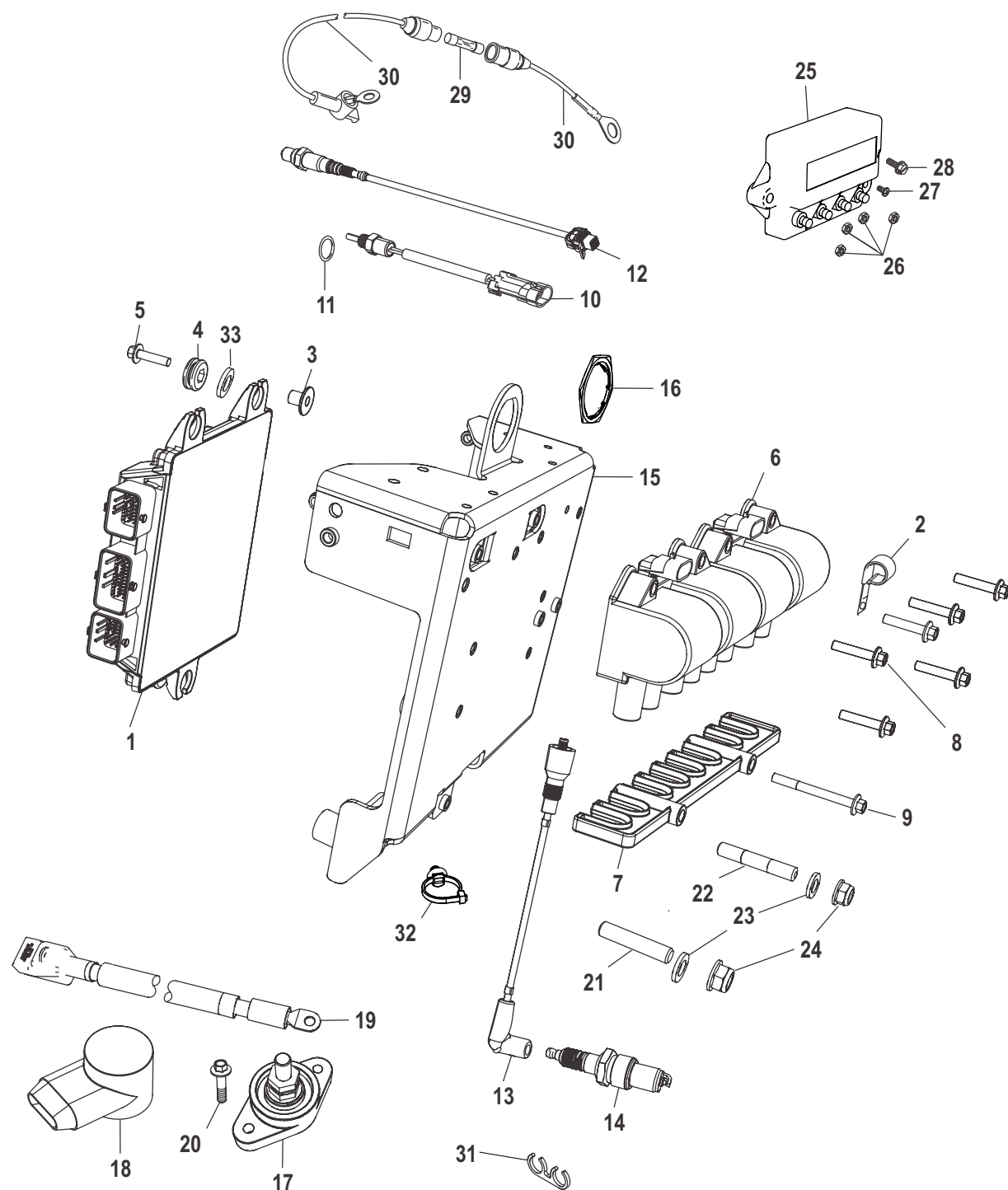


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Electrical Components

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	8M0045089	ECM Engine Control Module	Base, Manual [1A352945] & Below	1	
1	0078	8M0059260	PCM Propulsion Control Module	Base, Manual [1A352946] & Up	1	
1	0000	8M0045090	ECM Engine Control Module	High Output, Manual [1A352945] & Below	1	
1	0078	8M0059261	PCM Propulsion Control Module	High Output, Manual [1A352946] & Up	1	
1	0000	8M0045093	ECM Engine Control Module	Base, Digital Throttle & Shift [1A352945] & Below	1	
1	0078	8M0059262	PCM Propulsion Control Module	Base, Digital Throttle & Shift [1A352946] & Up	1	
1	0000	8M0045094	ECM Engine Control Module	High Output, Digital Throttle & Shift [1A352945] & Below	1	
1	0078	8M0059263	PCM Propulsion Control Module	High Output, Digital Throttle & Shift [1A352946] & Up	1	
2	0054	858951	J CLIP		1	
3	0023	856954	BUSHING		3	
4	0025	834985	GROMMET		3	
5	0010	82130025	SCREW (M6 x 25)		3	
6	0000	841203T	COIL Ignition		2	
7	0000	844367	RETAINER Ignition Cable Support		1	
8	0010	4010630	SCREW (M6 x 30) Stainless Steel		6	
9	0010	88552560	SCREW (M6 x60)		2	
10	0000	885342002	SENSOR ASSEMBLY Water Temperature		2	
10	0000	885342002	SENSOR ASSEMBLY 885342002	Exhaust	1	
11	0025	896699	O-RING (1.78 mm x .08 mm)		1	[1]
12	0000	8M2003959	SENSOR Oxygen		4	
13	0084	899329A09	CABLE SET High Tension-Set of Eight		1	
14	0033	810883	SPARK PLUG		8	
15	0000	8M0045733	BRACKET Electrical		1	
16	0011	889664	NUT (1.500-18) Black Nylon		1	
17	0000	8M2017792	STUD Hot (3/8-16)		1	
18	0085	8M2019142	INSULATOR Hot Stud		1	
19	0084	8M0045793	HARNESS Hot Stud		1	
20	0010	82130025	SCREW (M6 x 25)		2	
21	0016	56295	STUD (.437 x 2.69) Electrical Bracket to Cylinder Head		1	
22	0016	8M0034453	STUD (7/16 x 2.19) Electrical Bracket to Cylinder Head		1	
23	0012	45176	WASHER (.453 x .812 x .105) Stainless Steel		2	
24	0011	859135	NUT (.437-20) Brass/Nickel Plated		2	
25	0000	42600A09	MERCATHODE ASSEMBLY		1	
26	0011	68219	NUT (#10-32) Stainless Steel		4	
27	0010	62568	SCREW (#10-16 x .375)		1	

Electrical Components



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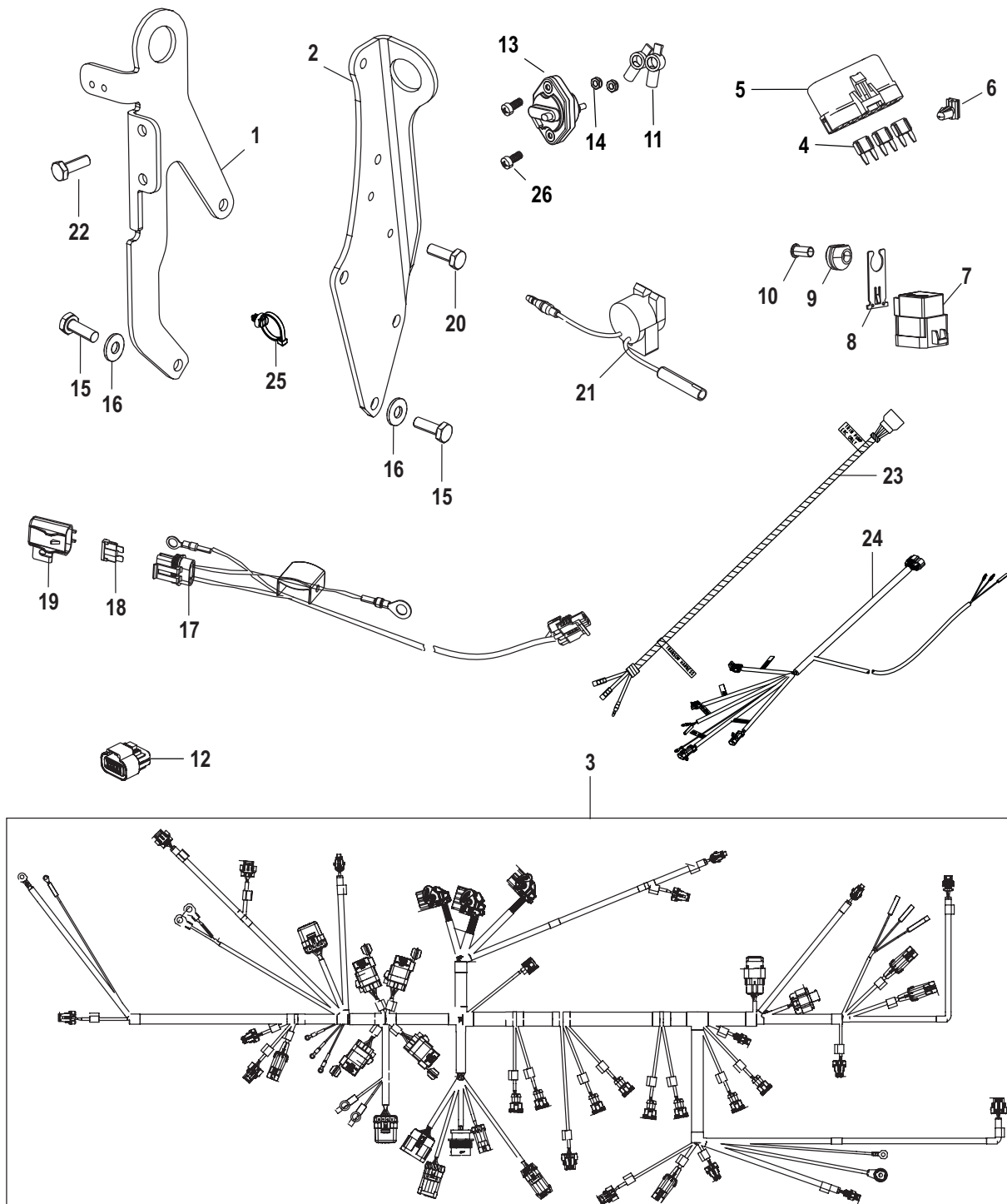
Electrical Components

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
28	0010	4010516	SCREW (M5 x 16) Stainless Steel		1	
29	0088	79091	FUSE 20 Ampere		1	
30	0084	95084A9	CABLE ASSEMBLY (91.00 Inches) Red/Purple Strip		1	
30	0084	95084A10	CABLE ASSEMBLY (5.00 Inches) Red		1	
31	0000	54676	RETAINER Two Wire		4	
32	0054	899145	CLIP Tie Strap		4	
33	0012	65567	WASHER (.265 x .750 x .048) Stainless Steel		3	

PART NOTES:

- [1] - Component of Engine Gasket Set 8M0045578

Wiring Harness and Lifting Brackets

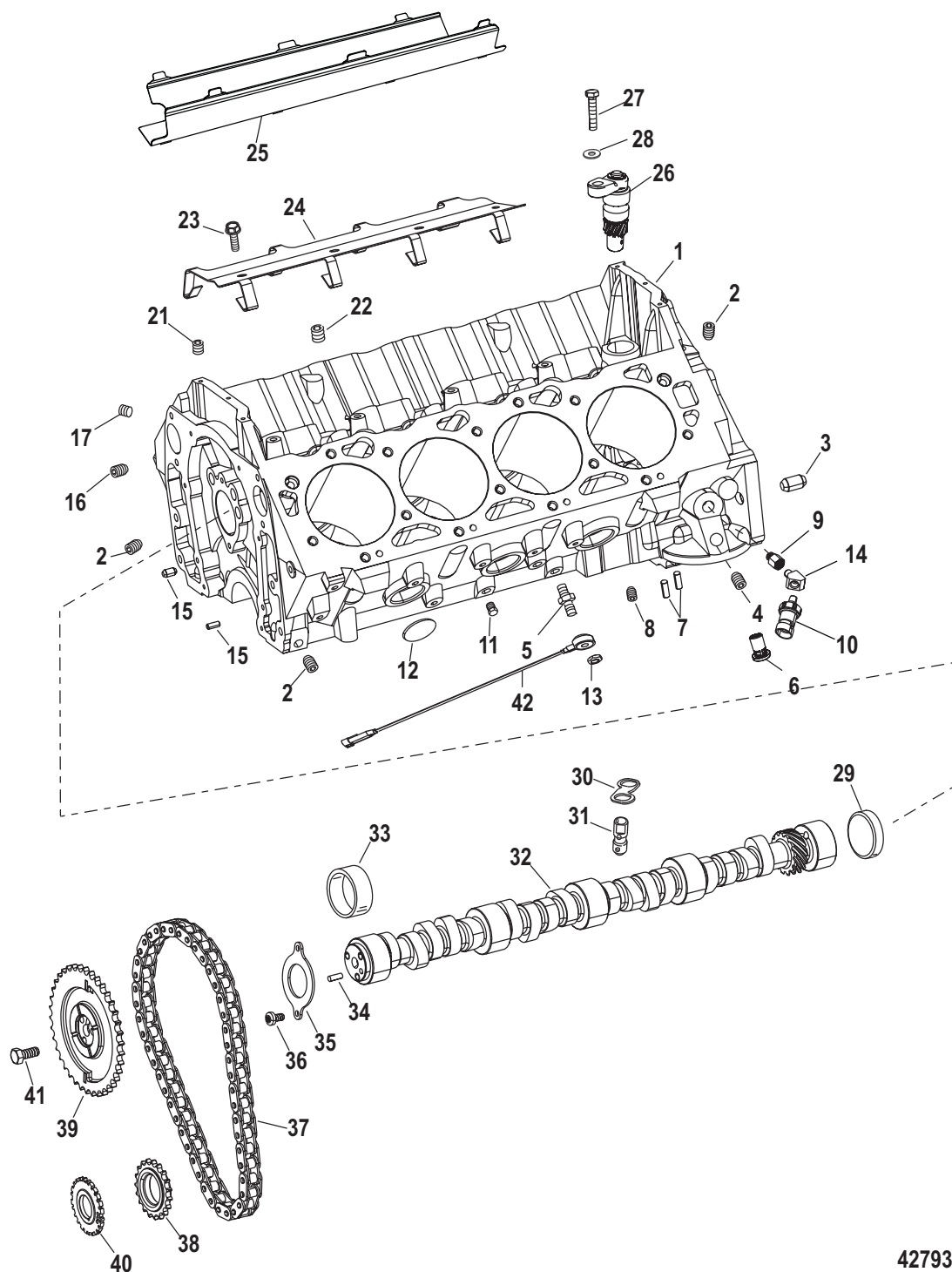


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Wiring Harness and Lifting Brackets

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	8M2017215	BRACKET Lifting, Front		1	
2	0000	8M2017131	BRACKET Lifting, Rear		1	
3	0084	8M0045252	HARNESS ASSEMBLY	Mechanical	1	
3	0084	8M0045253	HARNESS ASSEMBLY	Digital Throttle & Shift	1	
4	0088	832969T15	FUSE Mini - Blue - 15 Ampere	Mechanical Throttle & Shift	2	
4	0088	83296920	FUSE Mini - Yellow - 20 Ampere	Mechanical Throttle & Shift	3	
4	0088	83296910	FUSE Mini - Red - 10 Ampere	Mechanical and Digital Throttle & Shift	5	
4	0088	83296920	FUSE Mini - Yellow - 20 Ampere	Digital Throttle & Shift	5	
5	0000	858754	COVER Fuse		2	
6	0054	879962	CLIP		2	
7	0000	882751A1	RELAY ASSEMBLY	Mechanical Throttle & Shift	4	
7	0000	882751A1	RELAY ASSEMBLY	Digital Throttle & Shift	5	
8	0000	828102	BRACKET		4/5	
9	0025	818967	GROMMET		4/5	
10	0023	818968	BUSHING		4/5	
11	0085	89919	BOOT Insulator - Black		2	
12	0000	8M0055652	TERMINATOR ASSEMBLY 10 Pin (CAN P and H)	Digital Throttle & Shift	1	
12	0000	859318T1	TERMINATOR 10 Pin (CAN 1 and 2)	Mechanical Throttle & Shift	1	
13	0088	865827T	BREAKER Circuit - 50 Ampere		1	
14	0011	826709106	NUT (#10-32) Stainless Steel		2	
15	0010	47461	SCREW (.437-14 x 1.00)		5	
16	0012	22248	WASHER (.453 x .875 x .060)		5	
17	0084	888416T04	HARNESS ASSEMBLY DTS, Clean Power, 15 Feet		1	
18	0000	862646	FUSE Tan - 5 Ampere		1	
19	0000	828054	COVER Fuse		1	
20	0010	4010720	SCREW (M8 x 20) Rear Lifting Eye to Shift Bracket		2	
21	0000	816492A15	ALARM KIT		1	
22	0010	4010820	SCREW (M10 x 20) Hex Flange - Stainless Steel Front Lifting Eye to Remote Oil		2	
23	0084	865774T01	HARNESS ASSEMBLY Trim Pump		1	
24	0084	865677T01	HARNESS ASSEMBLY Transom Harness		1	
25	0054	899145	CLIP Tie Strap		1	
26	0010	830861	SCREW (#8-32 x .625)		2	

Cylinder Block And Camshaft

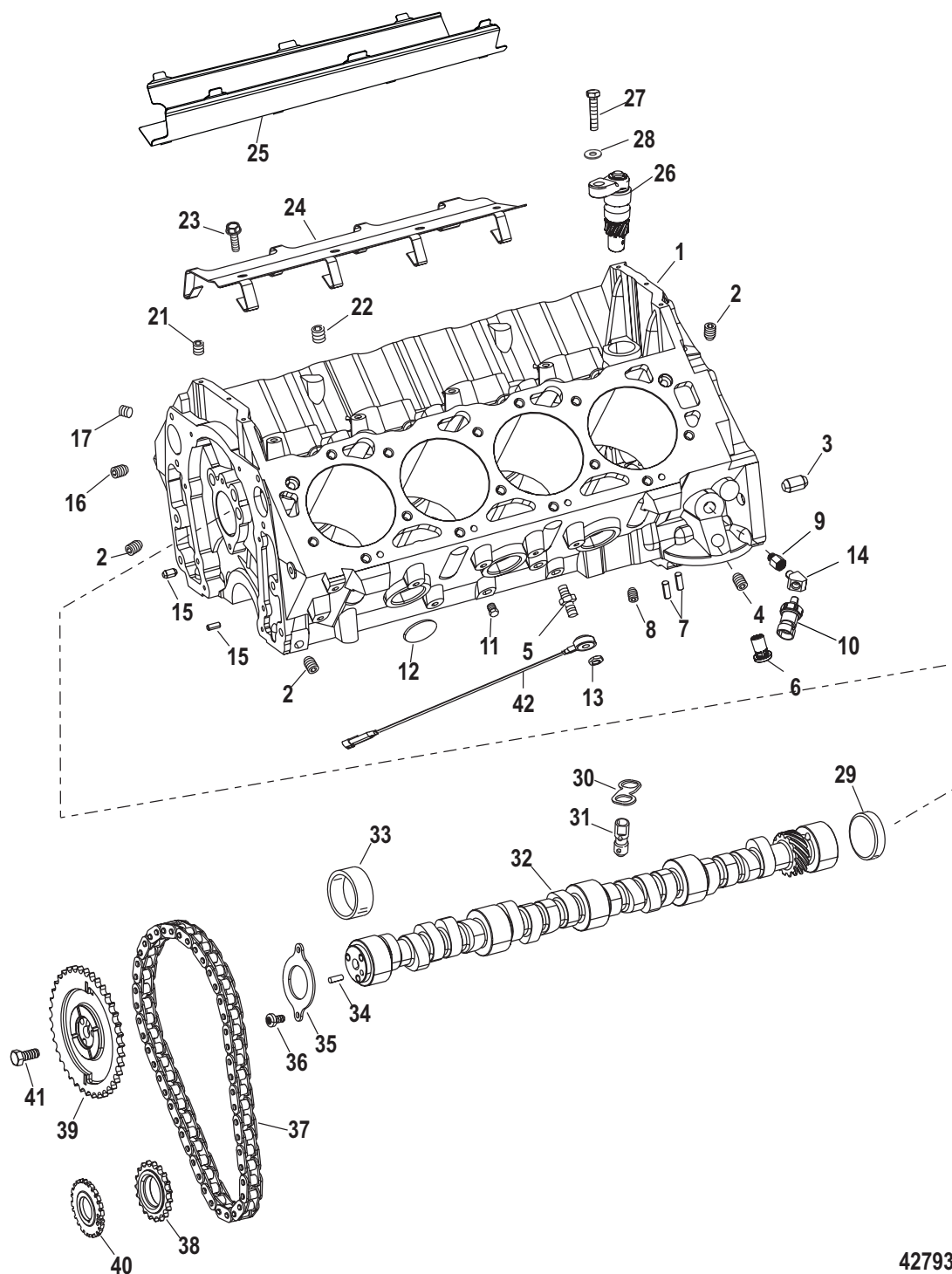


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Cylinder Block And Camshaft

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	8M0045344	Longblock ASSEMBLY		1	
1		NSS	NOT SOLD SEPARATE BLOCK	(Order Longblock Assembly)	1	
2	0022	32561	PLUG Pipe - Allen Head (.250-18)		6	
3	0017	843379	PIN Dowel (.6206/.6211 x 1.20) Flywheel Housing		2	[1]
4	0022	328022	PLUG Pipe (.125-27) Brass		1	
5	0016	862915	STUD (.250-18/M10 Special)		2	
6	0000	8M0044048	VALVE ASSEMBLY Pressure Relief		1	
7	0017	843378	PIN Dowel (.250) Bottom Of Block		2	[1]
8	0022	36373	PLUG (.375-18) Hex - Steel	- NOTE: Bottom Of Block Oil Plug	1	[1]
8	0022	36373	PLUG (.375-18) Hex - Steel	- NOTE: Rear Of Block Oil Plugs	2	[1]
9	0022	64013	FITTING (.375 Male To .125 Female)		1	
10	0000	881879T11	SENSOR Pressure (0 - 100 PSI)		1	
11	0022	36382	FITTING (.250-18 x .62) Brass Lower Side Of Block		2	[1]
12	0019	34270	EXPANSION PLUG (1.625)		6	[1]
13	0011	826292	NUT (M10) Brass/Nickel Plated	MCM	2	
14	0022	29085	FITTING Elbow (45 Degree)		1	
15	0017	843378	PIN Dowel (.250) Timing Cover		2	[1]
16	0022	8M0044324	PLUG (1/4 Inch) Pipe		2	[1]
17	0022	36373	PLUG (.375-18) Hex - Steel		1	[1]
21	0022	390721	PLUG Pipe (.125-27) Brass		1	[1]
22	0022	479452	PLUG Oil Gallery		3	[1]
23	0010	8M0044047	SCREW (.312-18 x .62) Lifter Guide Retainer to Block		4	[1]
24	0000	8M0050807	RETAINER Lifter Guide		1	[1]
25	0000	845756T	SHEILD Oil Intake		1	[1]
26	0000	8M0045287	DRIVE Oil Pump		1	[1]
27	0010	8M0043925	SCREW (.312-18 x 1.0) Oil Pump Driver to Block		1	[1]
28	0012	56720	WASHER (.330 x .750 x .060) Stainless Steel		1	[1]
29	0019	94140	EXPANSION PLUG		1	[1]
30	0000	845754	GUIDE Lifter		8	[1]
31	0000	849947T01	LIFTER		16	[1]
32	0400	8M0046343	CAMSHAFT		1	[1]
33	0023	85684	BEARING SET		1	[1]
34	0017	8M0043109	PIN Dowel		1	[1]
35	0000	845941	RETAINER Gear Thrust		1	[2]
36	0010	845943	SCREW (.250-20 x .500)		2	[1]
37	0000	8M0045987	CHAIN Timing		1	[1]
38	0043	843004	SPROCKET Crankshaft		1	[1]
39	0043	899852T	SPROCKET Camshaft		1	[1]
40	0000	8M0050760	WHEEL Sensor Target		1	[1]

Cylinder Block And Camshaft



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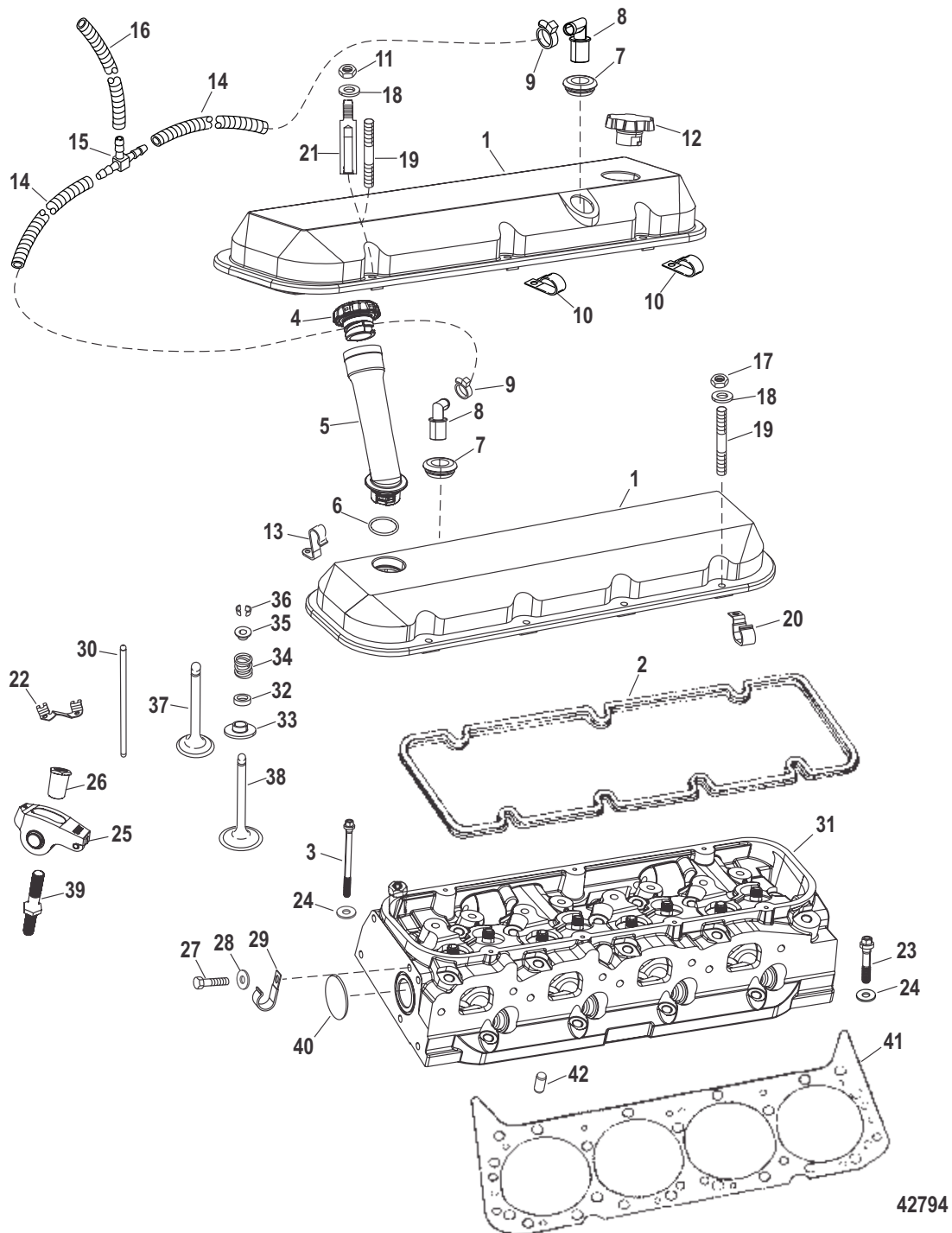
Cylinder Block And Camshaft

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
41	0010	8M0043993	SCREW (.312-18 x.75) Camshaft Spocket to Camshaft		3	
42	0000	878187	SENSOR ASSEMBLY Knock		2	

PART NOTES:

- [1] - Component of Longblock Assembly 8M0045344
- [2] - Component of Engine Gasket Set 8M0045578
Component of Longblock Assembly 8M0045344

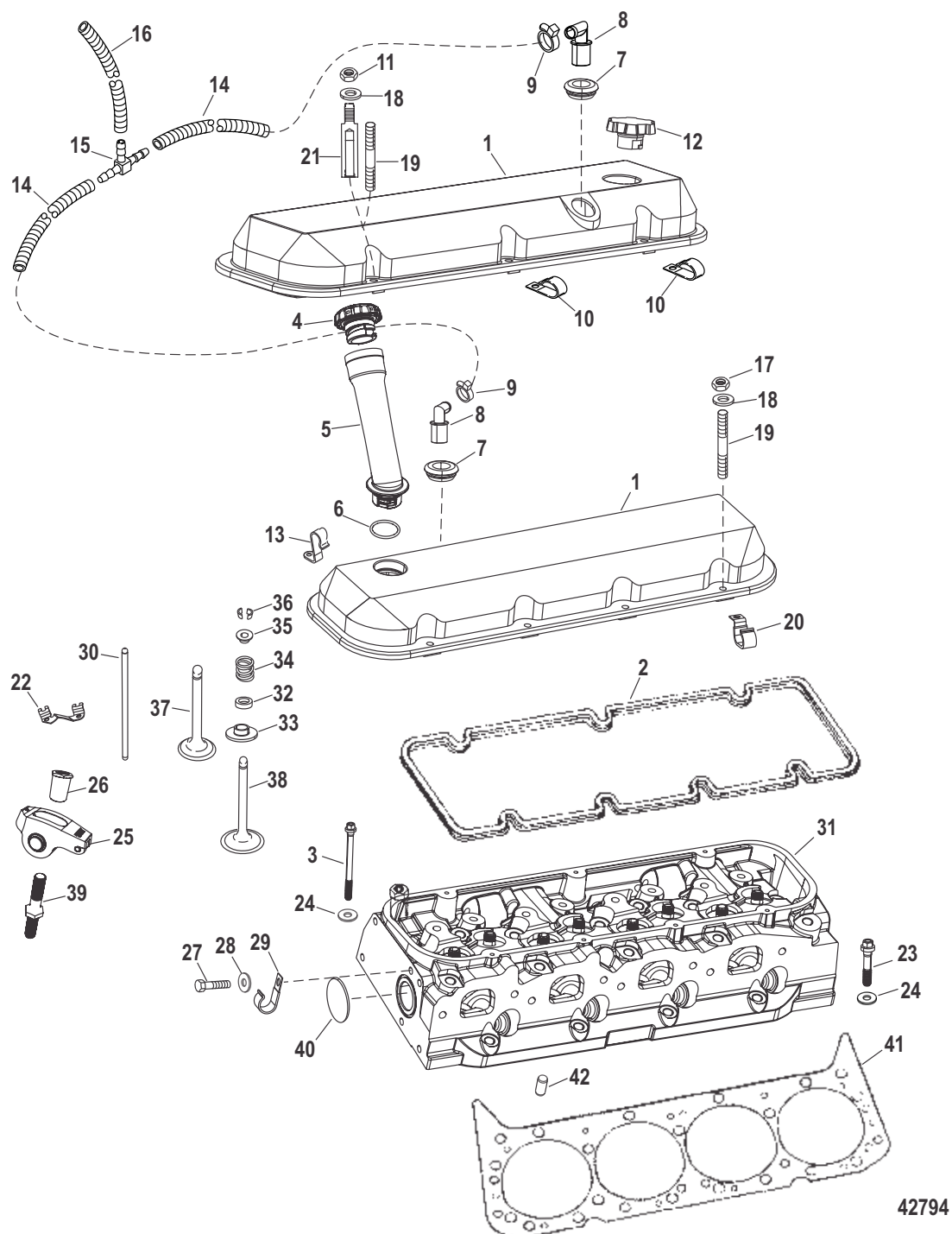
Cylinder Head



Cylinder Head

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	8M0045254	COVER ASSEMBLY Rocker		2	
2	0027	811588	GASKET Rocker Cover		2	[1]
3	0010	8M0000467	SCREW (.438-14 x 5.060) Black Oxide		10	[2]
3	0010	8M0000482	SCREW (.438-14 x 4.060) Black Oxide		14	[2]
4	0000	8M0065093	CAP Oil Fill		1	
5	0000	8M0045749	TUBE Oil Fill		1	
6	0025	8M0044601	O-RING		1	
7	0025	811553	GROMMET		2	[3]
8	0000	97850T	ELBOW 90 Degree Breather		2	
9	0054	816311T	TIE STRAP (8.00 Inches)		2	
10	0054	858951	J CLIP		2	[2]
11	0011	826709109	NUT (.250-28) Stainless Steel	[1A351717] & Below	1	
12	0000	845753T1	CAP Oil Fill		2	[2]
13	0054	42553	J CLIP		1	[2]
14	0032	1589431	TUBING (20.00 Inches Bulk) Cut 2 Pieces - 8.5 Inches		AR	
15	0022	849999	FITTING Tee		1	
16	0032	1589431	TUBING (20.00 Inches Bulk) Cut As Required		AR	
17	0011	8267089	NUT (.250-28)	[1A351717] & Below	13	[2]
17	0011	8267089	NUT (.250-28)	[1A351718] & Up	14	[2]
18	0012	846673	WASHER (.265 x .500 x .060) Stainless Steel		14	[2]
19	0016	56766	STUD (.250-20/.250-28 x 1.380)		14	[2]
20	0054	15095	J CLIP		1	
21	0016	8M2018644	STUD Special Reservoir Bracket to Valve Cover Stud	[1A351717] & Below	1	
22	0000	840942	GUIDE Pushrod		8	[2]
23	0010	8M0000463	SCREW (.438-14 x 2.060) Black Oxide		8	[2]
24	0012	841990	WASHER Special - Black		32	[2]
25	0000	8M0045762	ROCKER ARM ASSEMBLY		16	[2]
26	0011	8M0043537	NUT Rocker		16	[2]
27	0010	99204	SCREW (.437-14 x 1.00) Stainless Steel		1	
28	0012	45176	WASHER (.453 x .812 x .105) Stainless Steel		1	
29	0054	843142	J CLIP		1	
30	0000	848262	PUSH ROD (7.550)	- Intake	8	[2]
30	0000	848264	PUSH ROD (8.550)	- Exhaust	8	[2]
31	0900	8M0046344	CYLINDER HEAD ASSEMBLY		2	[2]
32	0026	842755	SEAL Valve Intake And Exhaust		16	[3]
33	0000	840678	SEAT Spring		16	[2]
34	0024	8M0042978	SPRING Valve		8	[2]
35	0000	8M0043175	RETAINER Valve Spring		8	[2]
36	0000	8M0042576	KEY Valve Stem		32	[2]

Cylinder Head



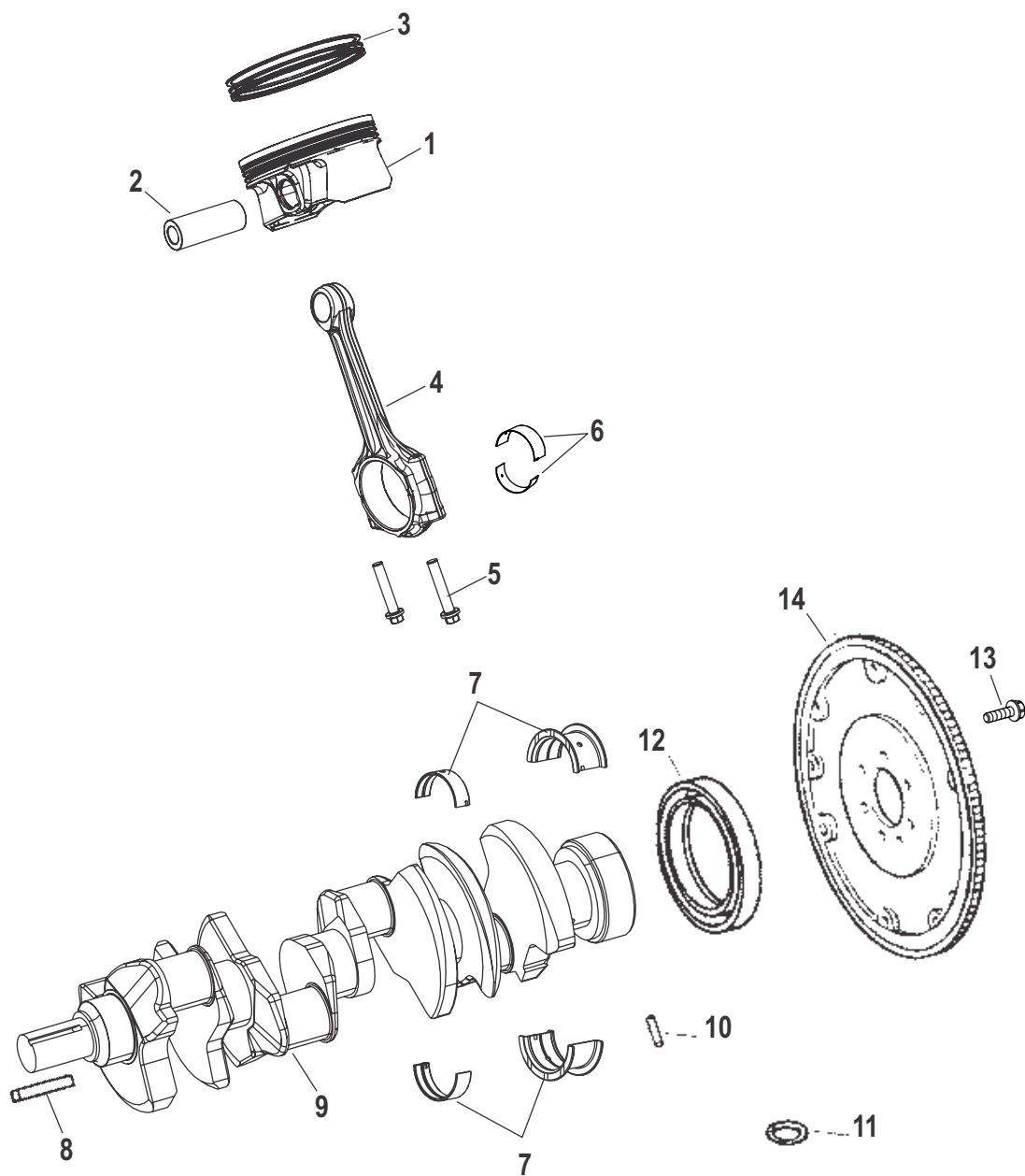
Cylinder Head

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
37	0000	8M0046324	VALVE Intake		8	[2]
38	0000	8M0046325	VALVE Exhaust		8	[2]
39	0016	95820	STUD Rocker Arm Valve	- Intake	8	[2]
39	0016	843129	STUD Rocker Arm Valve	- Exhaust	8	[2]
40	0019	47463	EXPANSION PLUG		2	[2]
41	0027	811546A04	GASKET KIT Cylinder Head	Standard Pistons	2	[3]
41	0027	8M0099001	GASKET Cylinder Head	.030 and .060 Oversize Pistons	2	
42	0017	843931	PIN Dowel Cylinder Head Gasket Locator	Not Included in 8M0099001	4	[3]

PART NOTES:

- [1] - Component of Engine Gasket Set 8M0045578
- [2] - Component of Longblock Assembly 8M0045344
- [3] - Component of Engine Gasket Set 8M0045578
Component of Longblock Assembly 8M0045344

Crankshaft / Piston/ Connecting Rods



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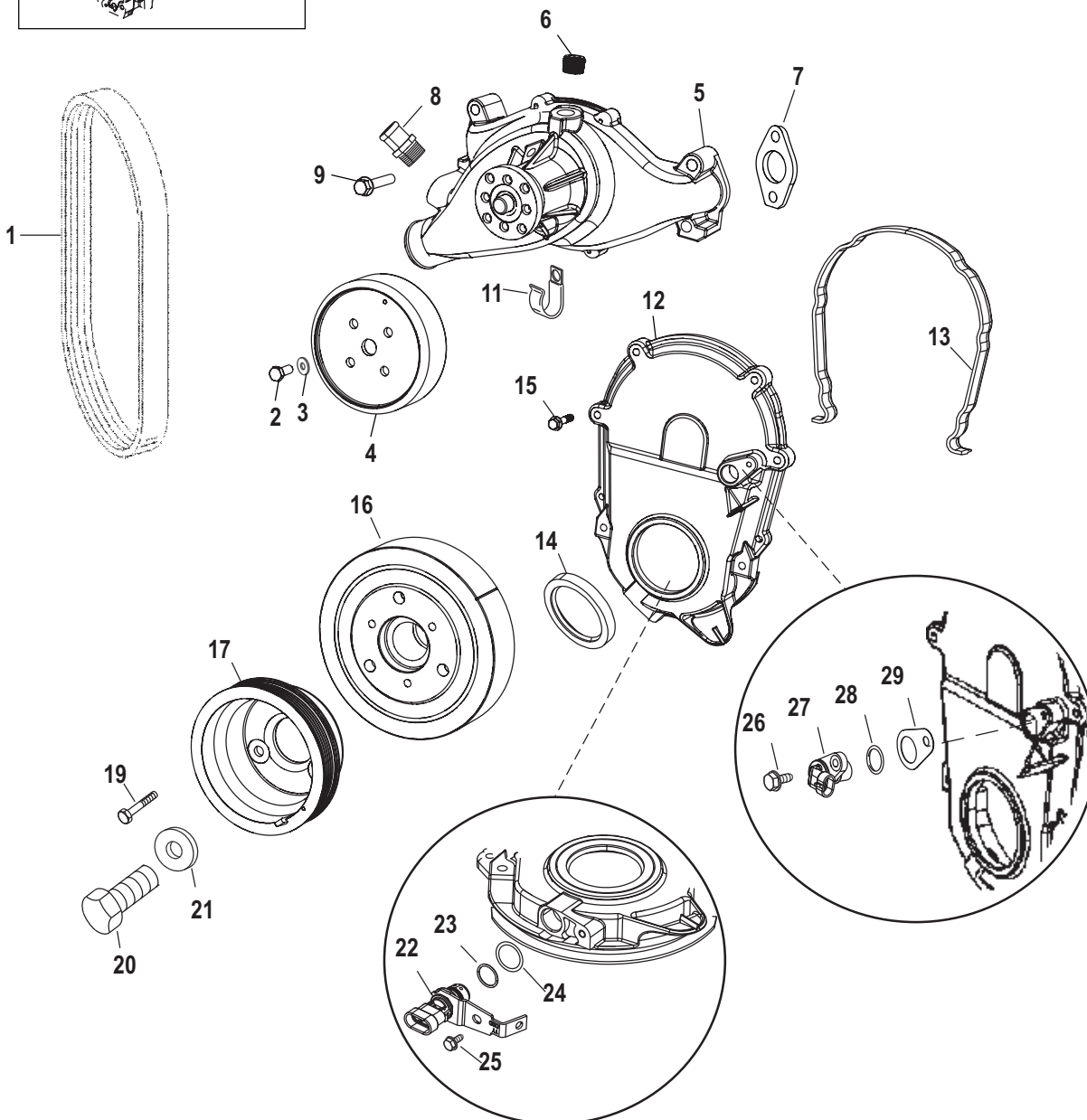
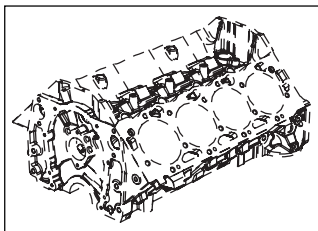
Crankshaft / Piston/ Connecting Rods

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0700	8M0046521	PISTON ASSEMBLY Standard		8	
1	0700	8M0046222	PISTON ASSEMBLY (.030 Oversize)		8	
1	0700	8M0046223	PISTON ASSEMBLY (.060 Oversize)		8	
2		NSS	NOT SOLD SEPARATE PISTON PIN		8	[1]
3	0039	8M0046522	RING SET Piston, Standard		8	
3	0039	8M0046228	RING SET Piston, .030 Oversize		8	
3	0039	8M0046229	RING SET Piston, .060 Oversize		8	
4	0600	8M0045255	CONNECTING ROD ASSEMBLY		8	[1]
5	0010	8M0041978	BOLT		16	[1]
6	0023	8M0030217	BEARING SET Connecting Rod - Standard		8	[1]
6	0023	8M0030218	BEARING SET Connecting Rod - .001 Oversize		AR	
6	0023	8M0030216	BEARING SET Connecting Rod - .001 Undersize		AR	
6	0023	8M0030982	BEARING SET Connecting Rod - .010 Undersize		AR	
7	0023	842400	BEARING SET Main - Standard		1	[1]
7	0023	842401	BEARING SET Main - .001 Oversize		AR	
7	0023	842402	BEARING SET Main - .001 Undersize		AR	
7	0023	842403	BEARING SET Main - .010 Undersize		AR	
8	0028	845607	KEY Crankshaft		1	[1]
9	0400	8M0045288	CRANKSHAFT ASSEMBLY		1	[1]
10		NSS	NOT SOLD SEPARATE PIN, Dowel		1	[1]
11	0025	69756	O-RING (.549 x .103) Number 5 Bearing Cap Oil Hole		1	[2]
12	0026	811554	SEAL Oil		1	[2]
13	0010	845757	SCREW (.437-20 x 1.00)		6	[1]
14	0230	843374T1	FLYWHEEL	MCM	1	[1]
14	0230	811560	FLYWHEEL	MIE	1	[1]

PART NOTES:

- [1] - Component of Longblock Assembly 8M0045344
- [2] - Component of Engine Gasket Set 8M0045578
Component of Longblock Assembly 8M0045344

Water Pump And Front Cover



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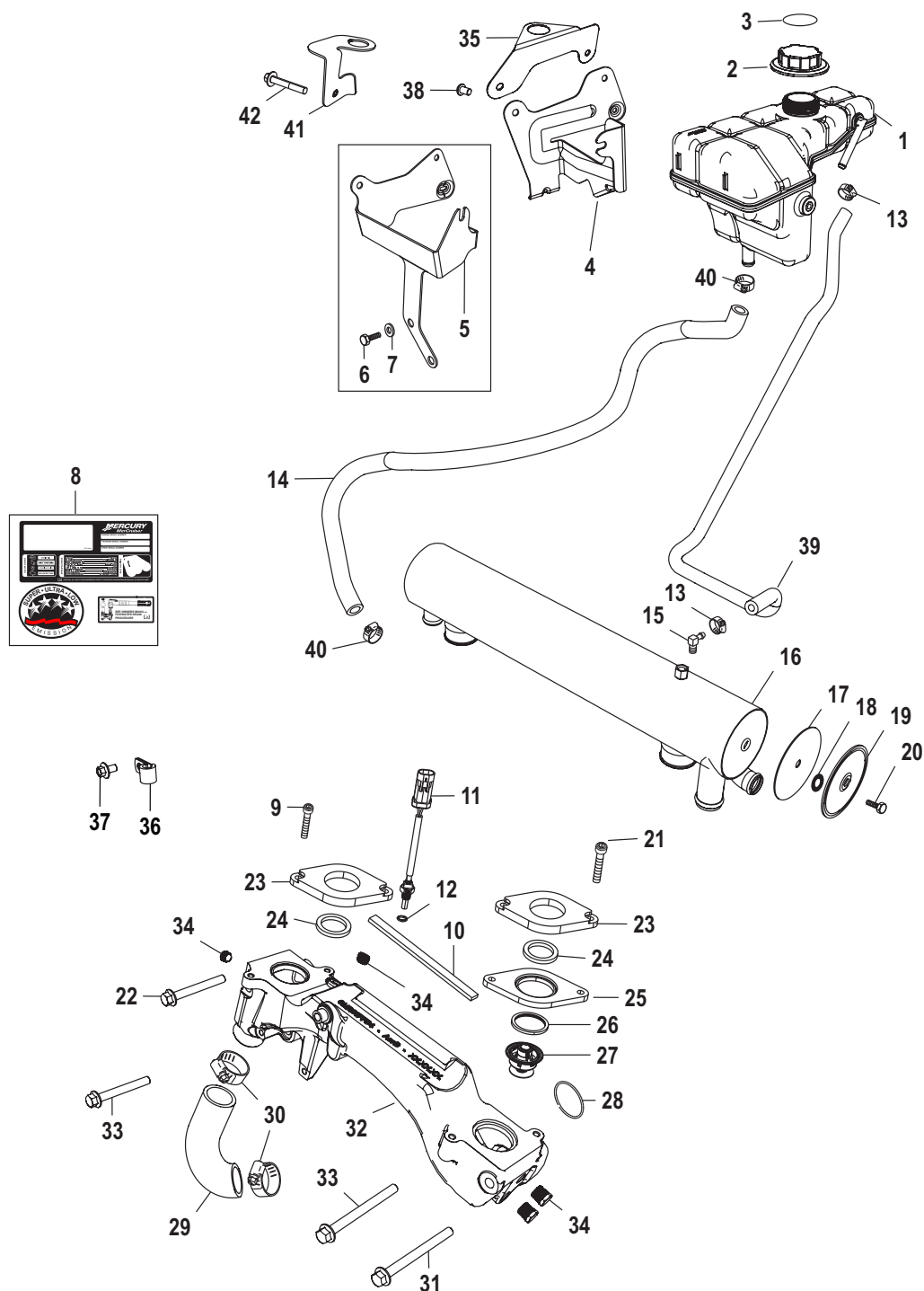
Water Pump And Front Cover

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0057	8M0045227	BELT Serpentine	MCM	1	
1	0057	8M0045986	BELT Serpentine	MIE	1	
2	0010	866656	SCREW (.312-24 x .750) Stainless Steel		4	
3	0012	56720	WASHER (.330 x .750 x .060) Stainless Steel		4	
4	0000	865047T	PULLEY Water Pump		1	
5	0000	811573A04	PUMP ASSEMBLY Circulating Water		1	
6	0022	845174	PLUG (.500-14 x .610) Brass		1	[1]
7	0027	49110	GASKET Circulating Water Pump Mount		2	[2]
8	0022	8M2018248	FITTING Water Pump		1	
9	0010	865982011	SCREW (3/8-16 x1.75)		4	
11	0054	78945	J CLAMP Harness Support		1	[1]
12	0000	842250T02	COVER ASSEMBLY Cylinder Front - Black		1	[1]
13	0027	850456	GASKET Front Cover Mount		1	[3]
14	0026	8219471	SEAL Oil		1	[3]
15	0010	8M0044026	SCREW (.250-20 x 1.25)		6	[1]
16	0000	8M0140187	DAMPER		1	[1]
17	0000	8M2013566	PULLEY		1	
19	0010	863480	SCREW (.375-16 x 1.125)		3	
20	0010	845627	SCREW (.500-20 x 2.500)		1	
21	0012	818780	WASHER (.515 x 1.970 x .275) Black Oxide		1	
22	0000	864297T01	SENSOR ASSEMBLY Crankshaft Position		1	[1]
23	0025	885192	O-RING		1	[1]
24	0015	8M0007824	SHIM Crankshaft Position Sensor	- NOTE: Use Only If Required	1	[1]
25	0010	8175051	SCREW (.250-20 x .625)		1	
26	0010	8175051	SCREW (.250-20 x .625)		1	
27	0000	8M0011986	SENSOR ASSEMBLY Cam Position		1	[1]
28		NSS	NOT SOLD SEPARATE O-Ring		1	[1]
29	0000	843349	SHIM Cam Position Sensor	- NOTE: Use Only If Required	1	[1]

PART NOTES:

- [1] - Component of Longblock Assembly 8M0045344
- [2] - Component of Engine Gasket Set 8M0045578
- [3] - Component of Engine Gasket Set 8M0045578
Component of Longblock Assembly 8M0045344

Cooling System Fresh Water Components



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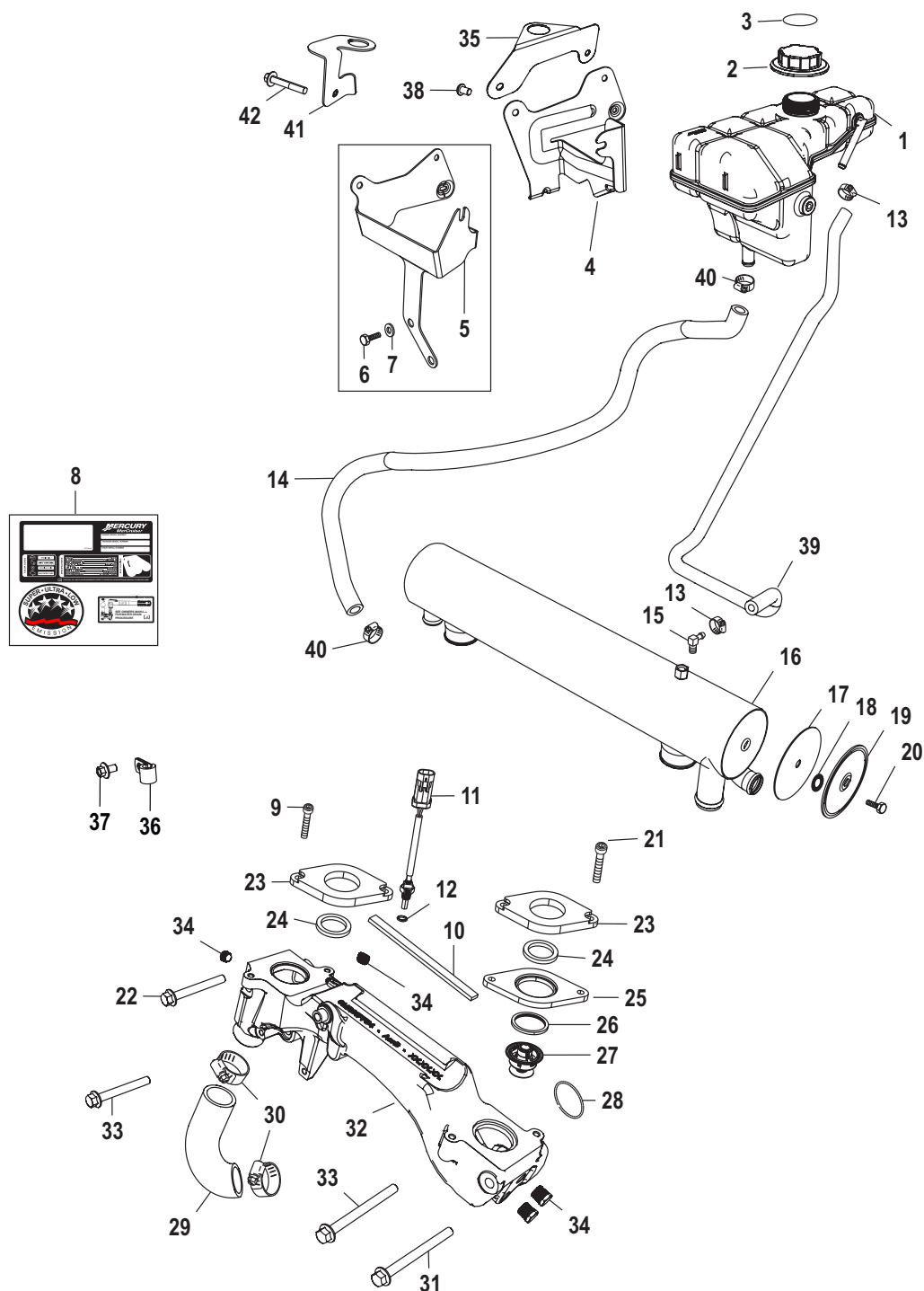
RESOURCE NOTES:

If ordering bracket 8M0045231 and you receive new bracket 8M0050598, you will need screw 10- 47461 and washer 12- 27025.

Cooling System Fresh Water Components

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	8M0045229	RESERVOIR ASSEMBLY Coolant		1	
2	0000	862863	CAP Coolant Reservoir		1	
3	0037	8M0034675	DECAL Base		1	
4	0000	8M0045231	BRACKET Reservoir	(See Note) [1A351717] & Below	1	
5	0000	8M0050598	BRACKET Reservoir	[1A351718] & Up	1	
6	0010	47461	SCREW (.437-14 x 1.00)	[1A351718] & Up	2	
7	0012	27025	WASHER	[1A351718] & Up	2	
8	0037	8M0045577	DECAL SET 8.2L Base	MCM	1	
8	0037	8M0045575	DECAL SET 8.2L High Output	MCM	1	
8	0037	8M0045580	DECAL SET 8.2L Base (MIE)		1	
9	0010	4010730	SCREW (M8 x 30)		2	
10	0000	843155001	FOAM STRIP (6.500 Inches)		2	
11	0000	885342002	SENSOR ASSEMBLY Water Temperature		1	
12	0025	896699	O-RING (1.78 mm x .08 mm)		1	[1]
13	0054	815504212	CLAMP Worm Gear		2	
14	0032	8M2017665	HOSE Reservoir to Circulating Pump		1	
15	0022	629101	FITTING Elbow - 90 Degree (.125-27)		1	
16	0000	8M0045230	HEAT EXCHANGER	[2A051741] & Below	1	
16	0000	8M0095815	HEAT EXCHANGER	[2A051742] & Up	1	
17	0027	891716	GASKET		1	[1]
18	0025	8M0039163	O-RING (3/8 x 1/8)		1	[1]
19	0000	891717	COVER		1	
20	0010	98261	SCREW (.375-16 x .750)		1	
21	0010	4010730	SCREW (M8 x 30)		2	
22	0010	8M2017380	SCREW (.4375-14 x 5.5)		1	
23	0000	8M2017984	PLATE Heat Exchanger		2	
24	0025	20295	QUAD RING 1.725 x .210 (1.725 x .210)		2	[1]
25	0000	8M2017982	PLATE Heat Exchanger		1	
26	0025	8071341	SEAL Thermostat		1	[1]
27	0000	8M0045990	THERMOSTAT		1	
28	0025	30529	O-RING (1.925 x .103)		2	[1]
29	0032	8M2019704	HOSE Crossover to Circulating Pump		1	
30	0054	815504232	CLAMP Worm Gear (2.50 Diameter)		2	
31	0010	8M0043100	SCREW (7/16-14 x 5.0) Crossover Port		1	
32	0000	8M0045236	CROSSOVER		1	
33	0010	8M0043101	SCREW (7/16-14 X 3.5) Lower Crossover		2	
34	0022	32803	PLUG Pipe (.375-18) Brass		4	
35	0000	8M2000004	BRACKET Flush Mount		1	
36	0054	65653	CLIP		1	
37	0010	4010612	SCREW (M6 x 12) Stainless Steel		1	

Cooling System Fresh Water Components



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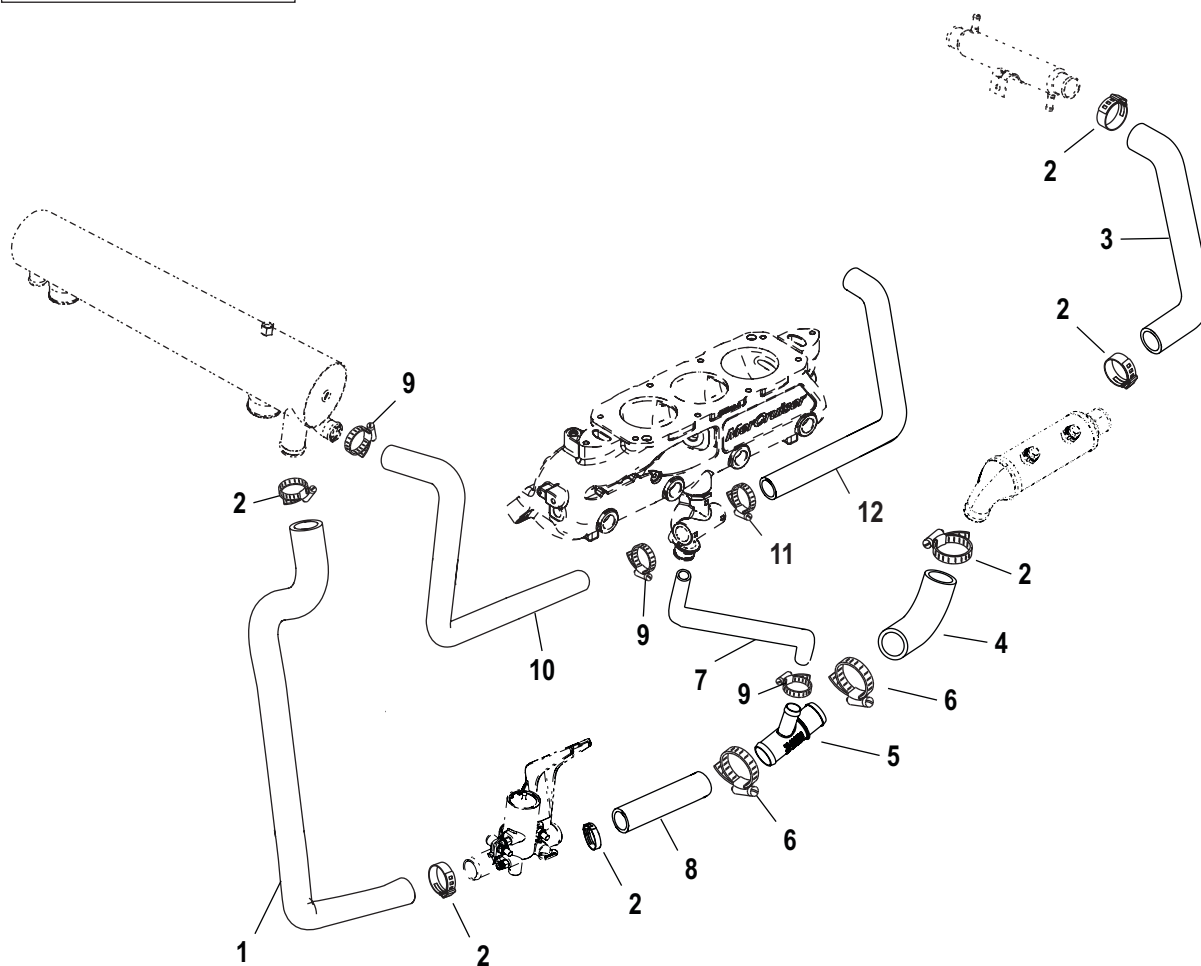
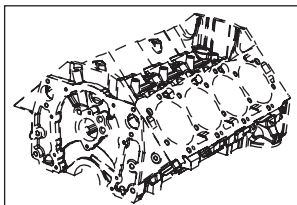
Cooling System Fresh Water Components

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
38	0010	8M2017990	SCREW (M8 x 1.25)	MCM/Inline	3	
38	0010	8M2017990	SCREW (M8 x 1.25)	MIE V-Drive	2	
38	0010	81893412	SCREW (M8 x 12)	MIE V-Drive	1	
39	0032	8M2017664	HOSE Coolant Bleed		1	
40	0054	815504206	CLAMP Worm Gear		2	
41	0000	8M2020585	BRACKET Flush Mount	MIE V-Drive	1	
42	0010	4010720	SCREW (M8 x 20) Flush Mount	MIE V-Drive	1	
43	0010	4010612	SCREW (M6 x 12) Stainless Steel		1	

PART NOTES:

- [1] - Component of Engine Gasket Set 8M0045578

Cooling System Raw Water Components, Port

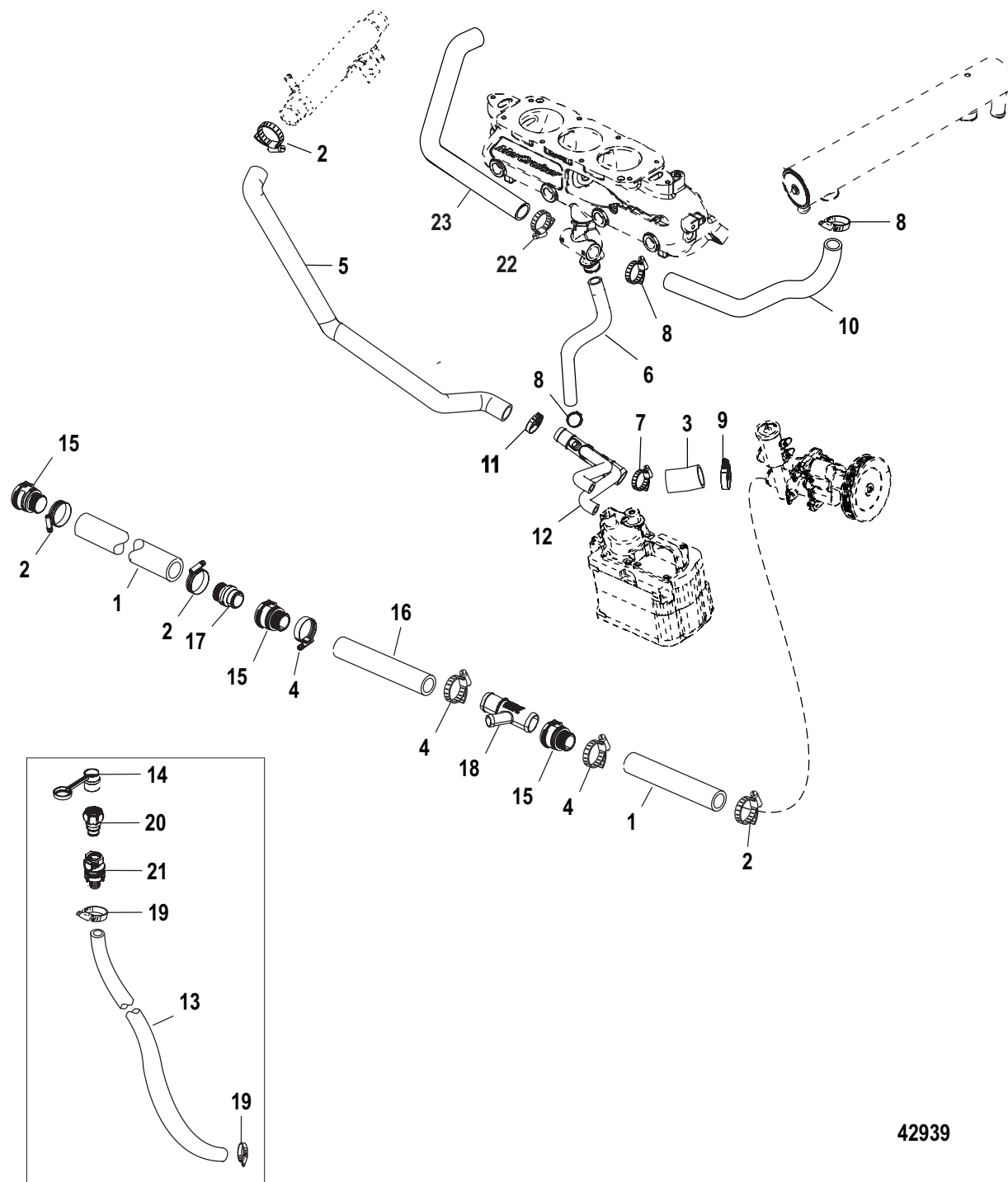


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Cooling System Raw Water Components, Port

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0032	8M2017132	HOSE Water Drain to Heat Exchanger		1	
2	0054	815504222	CLAMP Worm Gear (1.98 Diameter)		AR	
3	0032	8M2017359	HOSE Power Steering Cooler to Oil Cooler		1	
4	0032	8M2017497	HOSE To Oil Cooler		1	
5	0022	862993	FITTING Y, (2) 1-1/4 In. Hose Barbs / (1) 3/4 In. Hose Barb		1	
6	0054	815504228	CLAMP Worm Gear		2	
7	0032	4285069	HOSE (44.00 Inches Bulk) To Drain	(Cut to 9.5 Inches)	1	
8	0032	8M2007278	HOSE To Drain Housing		1	
9	0054	815504216	CLAMP Worm Gear (1.56 Diameter)		AR	
10	0032	8M2017130	HOSE Heat Exchanger to Poppet		1	
11	0054	815504216	CLAMP Worm Gear (1.56 Diameter)		AR	
12	0032	8M2012906	HOSE (45 Inches Bulk)	(Cut to Fit)	1	

Cooling System Raw Water Components, Starboard

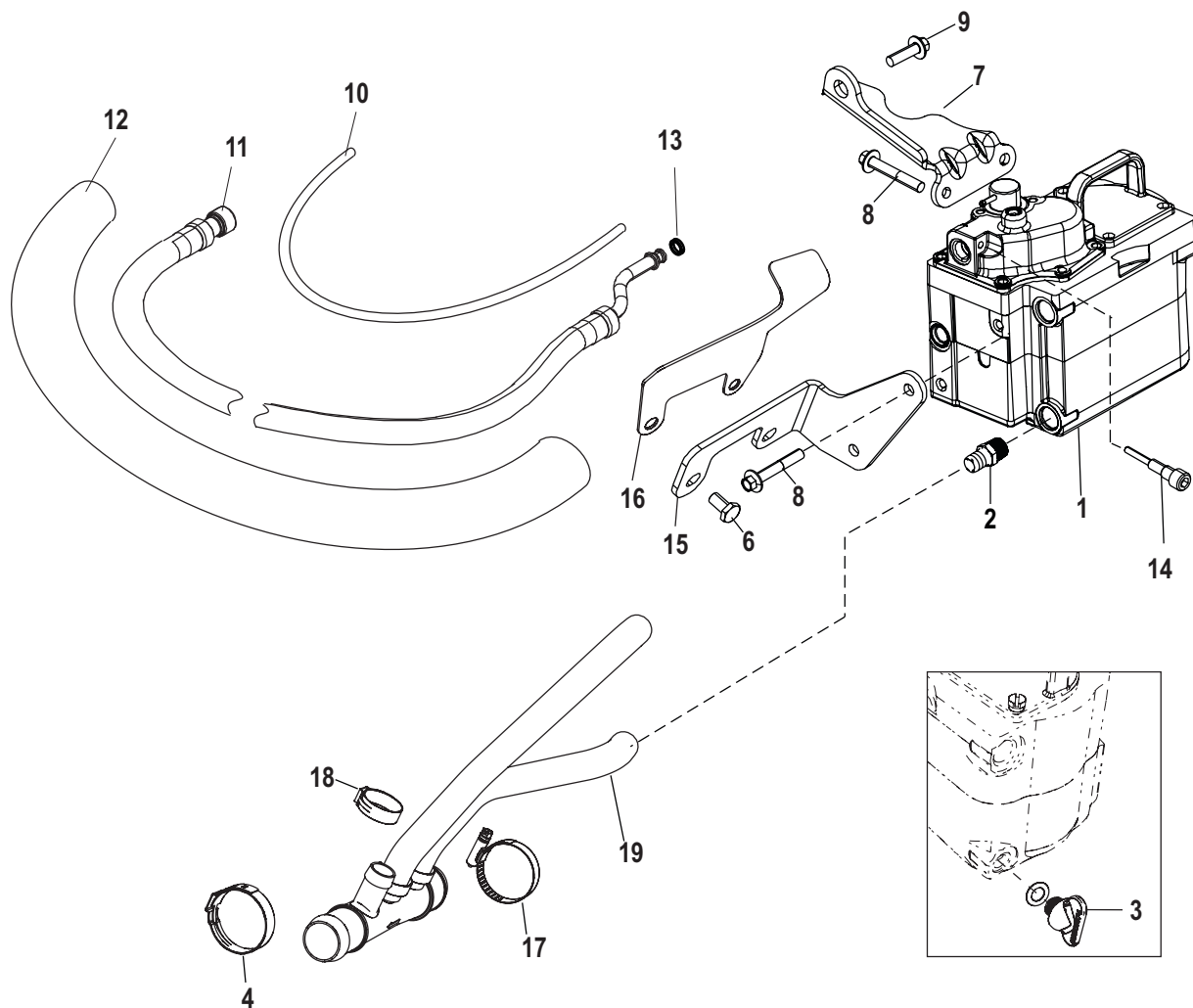


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Cooling System Raw Water Components, Starboard

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0032	865672079	HOSE (96.00 Inches Bulk)	(Cut to Fit)	1	
2	0054	815504228	CLAMP Worm Gear		AR	
3	0032	8M2017358	HOSE Sea Water Pump to Fitting		1	
4	0054	815504222	CLAMP Worm Gear (1.98 Diameter)		2	
5	0032	8M2018801	HOSE Water Orifice to Power Steering Cooler		1	
6	0032	4285069	HOSE (44.00 Inches Bulk) Drain to Y-Fitting	(Cut to 8 Inches)	1	
7	0054	815504216	CLAMP Worm Gear (1.56 Diameter)		1	
8	0054	815504212	CLAMP Worm Gear		AR	
9	0054	815504232	CLAMP Worm Gear (2.50 Diameter)		1	
10	0032	8M2018756	HOSE Heat Exchanger to Poppet		1	
11	0054	815504220	CLAMP Worm Gear		1	
12	0022	8M0045363	HOSE ASSEMBLY 3 Bib Orifice Meter		1	
13	0032	8M2019902	HOSE (42 Inches) Water		1	
14	0000	861427	CAP		1	
15	0022	865324	QUICK CONNECT		2	
15	0022	865324	QUICK CONNECT	SeaCore Flush	1	
16	0032	865672079	HOSE (96.00 Inches Bulk)	(Cut to 14.50)	1	
17	0022	865362	QUICK CONNECT		1	
18	0022	8M4501756	FITTING	SeaCore	1	
19	0054	815504212	CLAMP Worm Gear		1	
20	0022	861405	FITTING		1	
21	0022	861406	SOCKET		1	
22	0054	815504206	CLAMP Worm Gear		2	
23	0032	8M2012906	HOSE (45 Inches Bulk)	(Cut to Fit)	1	

Cool Fuel System



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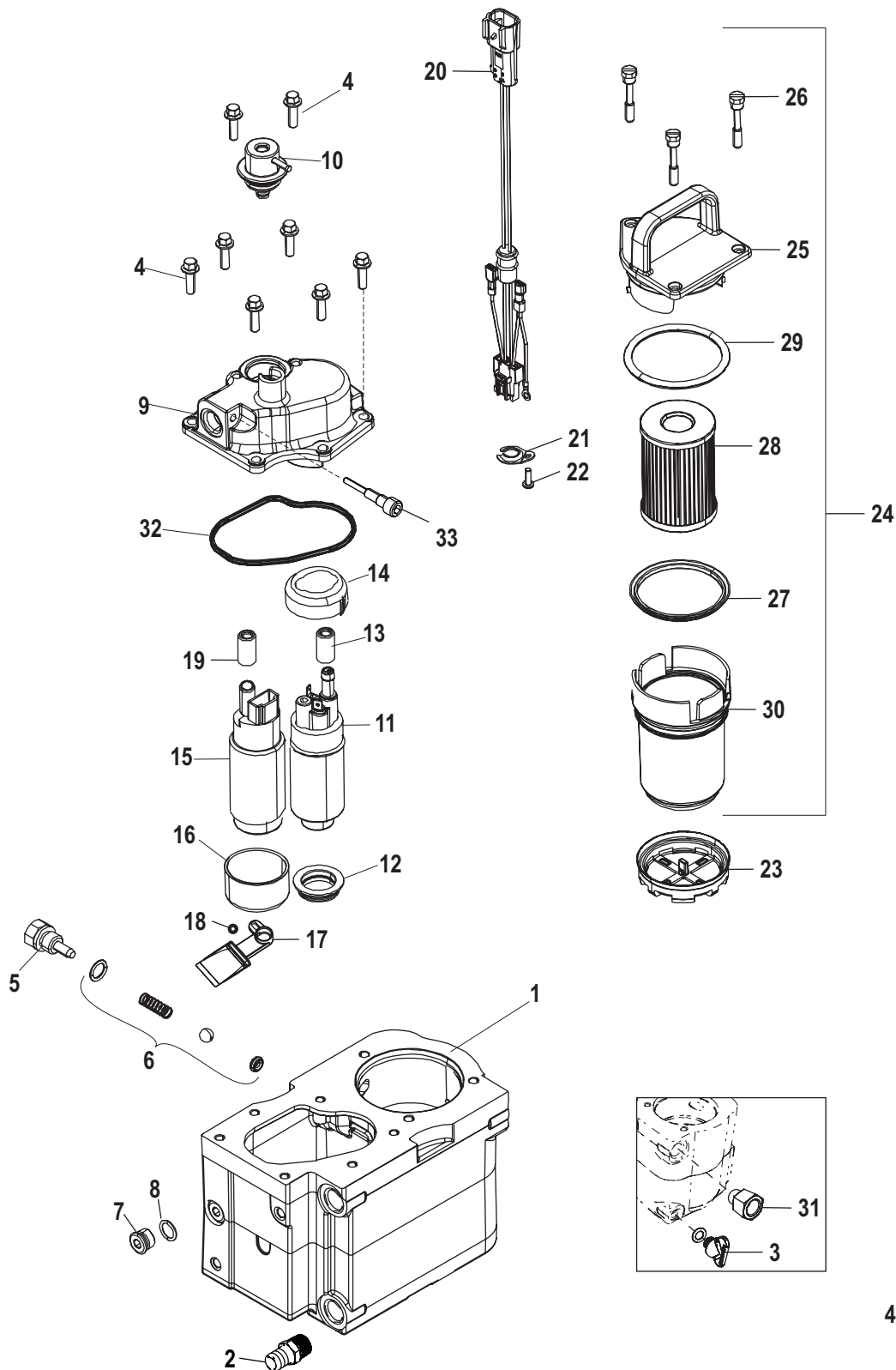
Cool Fuel System

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	864650A13	MODULE KIT Fuel Pump, Complete		1	
1	0000	8M0047215	MODULE KIT Fuel Pump, Complete With Drain Port		1	
2	0022	8M2010476	FITTING (3/8-18)		2	
3	0022	806608A02	PLUG ASSEMBLY (.500-13) Blue Housing With Drain Port Only		1	[1]
4	0054	815504220	CLAMP Worm Gear		1	
5	0054	815504222	CLAMP Worm Gear (1.98 Diameter)		1	
6	0010	40001195	SCREW (M10 x 30)		2	
7	0000	8M2017251	BRACKET Support, Fuel Module		1	
8	0010	4010720	SCREW (M8 x 20)		4	
9	0010	8M2017668	SCREW (7/16-14 x 1.00)		1	
10	0032	80617382	HOSE (58.00 Inches Bulk)		1	
11	0032	8M0046149	LINE Fuel Fuel Module to Fuel Rail		1	
12		NSS	NOT SOLD SEPARATE INSULATOR SLEEVE		1	
13	0026	863151	SEAL Quad Ring		1	
14	0010	866114	SCREW (.250-28) Special		1	
15	0000	864468T	BRACKET		1	
16	0000	8M2001894	SHIELD Fuel Line		1	
17	0054	815504232	CLAMP Worm Gear (2.50 Diameter)		1	
18	0054	815504212	CLAMP Worm Gear		1	
19	0022	8M0045363	HOSE ASSEMBLY 3 Bib Orifice Meter		1	

PART NOTES:

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

Fuel Module Components -Bravo

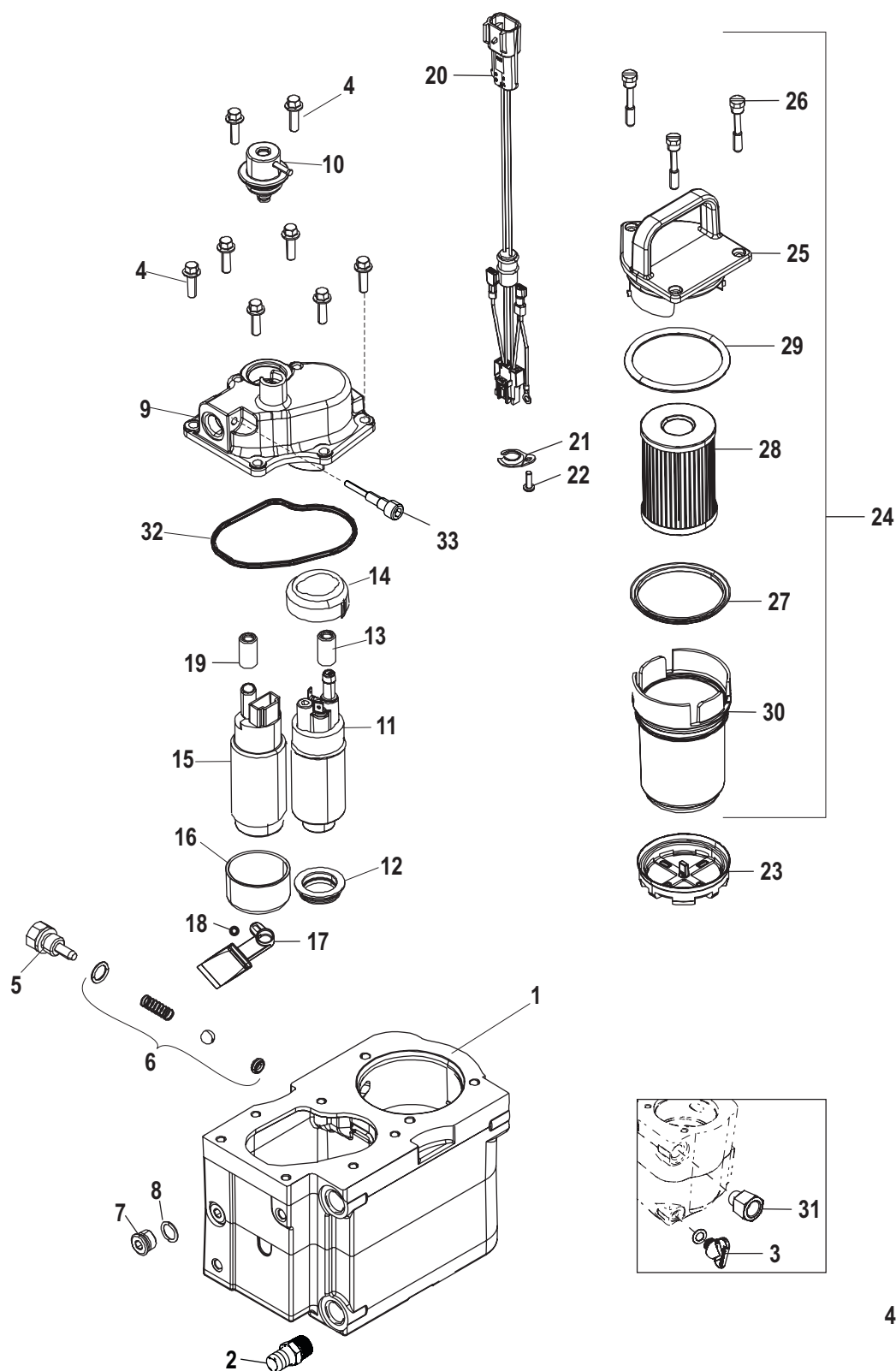


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Fuel Module Components -Bravo

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	8M0047215	MODULE KIT Fuel Pump, Complete		1	
-	0000	8M0047215	MODULE KIT Fuel Pump, Complete With Drain Port		1	
1	0000	8M0047216	HOUSING Fuel Module With Drain Port		1	
2	0022	8M2010476	FITTING (3/8-18)		2	
3	0022	806608A02	PLUG ASSEMBLY (.500-13) Blue Housing With Drain Port Only		1	[1]
4	0010	892684	SCREW		8	
5	0000	892670A01	CHECK VALVE KIT		1	
6		NSS	NOT SOLD SEPARATE Check Valve		1	
7		NSS	NOT SOLD SEPARATE Plug		1	
8		NSS	NOT SOLD SEPARATE Seal		1	
9	0000	892677	COVER Fuel Module Housing		1	
10	0000	892681	REGULATOR		1	
11	0000	866170A01	PUMP ASSEMBLY Fuel - Low Pressure		1	
12		NSS	NOT SOLD SEPARATE Seal		1	[2]
13		NSS	NOT SOLD SEPARATE Seal		1	[2]
14		NSS	NOT SOLD SEPARATE Isolator, Lift Pump		1	[2]
15	0000	866169T01	PUMP ASSEMBLY Fuel High Pressure		1	
16		NSS	NOT SOLD SEPARATE Isolator		1	[2]
17	0035	8M2018790	FILTER Pump Suction		1	
18	0054	8M2018792	CLIP		1	
19		NSS	NOT SOLD SEPARATE Seal		1	[2]
20	0084	8M0056175	HARNESS ASSEMBLY		1	
21		NSS	NOT SOLD SEPARATE Retainer		1	
22		NSS	NOT SOLD SEPARATE Screw		1	
23	0035	892665	FILTER Fuel		1	
24	0035	892687A02	CARTRIDGE ASSEMBLY Fuel Filter		1	
25		NSS	NOT SOLD SEPARATE Cap, Fuel Filter Cartridge		1	
26		NSS	NOT SOLD SEPARATE Screw		3	
27		NSS	NOT SOLD SEPARATE Seal		1	[2]
28	0035	866171A01	FILTER		1	[3]
29		NSS	NOT SOLD SEPARATE Seal		1	[2]
30		NSS	NOT SOLD SEPARATE Cup, Fuel Filter Cartridge		1	
31	0022	88517	FITTING Reducing		1	
32	0026	892683	SEAL		1	[2]
33	0010	866114	SCREW (.250-28) Special		1	

Fuel Module Components -Bravo



44814

Fuel Module Components -Bravo

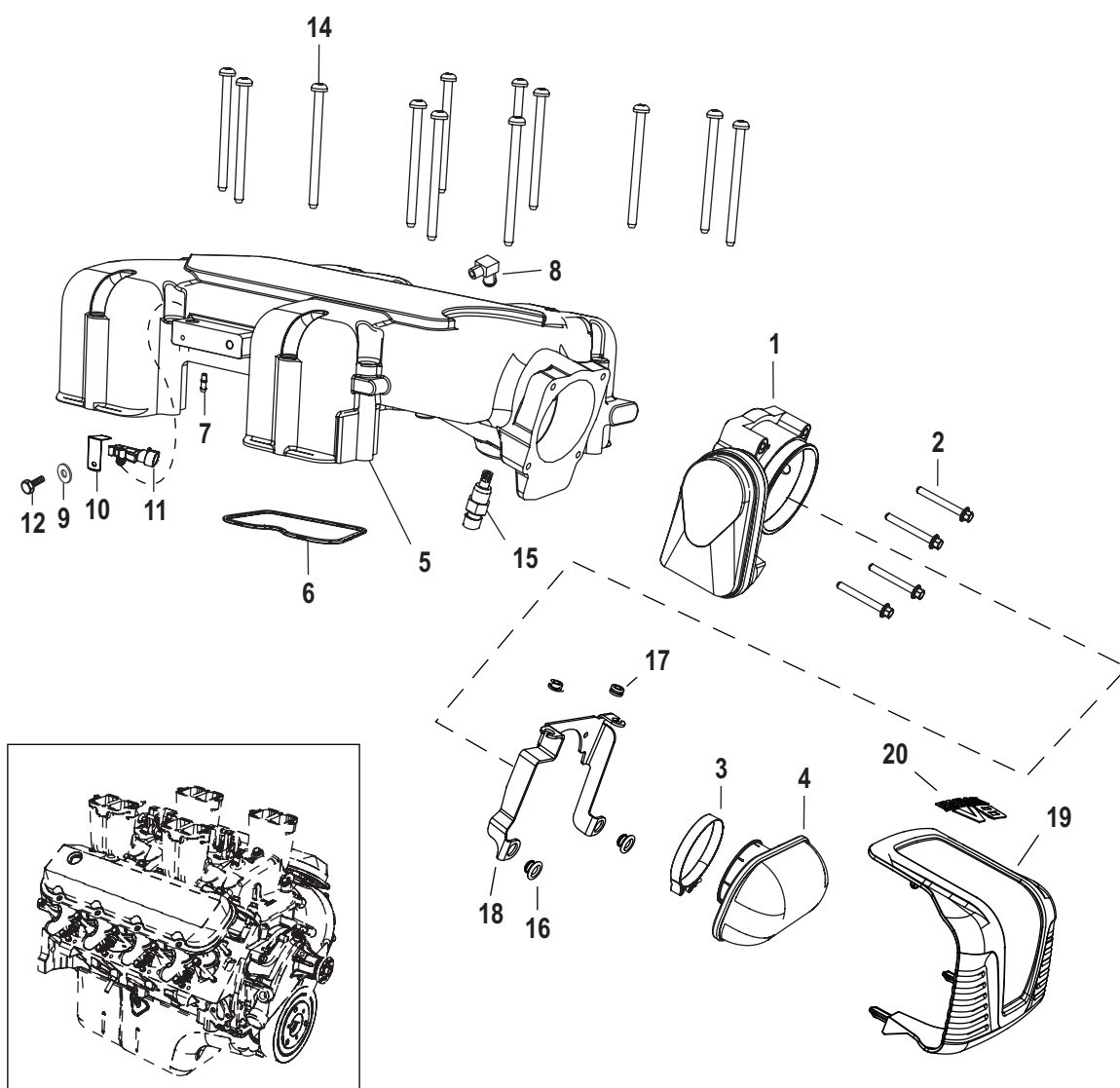
PART NOTES:

- [1] - Alternate part numbers:
806608A02Service Part
806608Q01QS
- [2] - Component of Seal Kit 892683A01
- [3] - Supersedes to 8M0093688 Which Now Includes Cap Seal and Filter Seal

Throttle Body Digital Throttle-Shift



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42802

Throttle Body Digital Throttle-Shift

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	8M0046460	THROTTLE BODY ASSEMBLY	(Digital)	1	
2	0010	88552550	SCREW (M6 x 50 MM) Stainless Steel		4	
3	0054	863393	CLAMP		1	
4	0000	8M0045238	FLAME ARRESTOR		1	
5	0000	8M0045237	PLENUM ASSEMBLY		1	
6	0000	8M0044310	SEAL Intake Manifold		4	[1]
7	0022	805598	FITTING (.1875) Barb		1	
8	0022	687271	FITTING (.250-18) 90 Degree - Brass		1	
9	0012	30164	WASHER (.192 x .375 x .0312) Stainless Steel		1	
10	0000	840981	BRACKET MAP Sensor Mount Sensor		1	
11	0000	854445	SENSOR MAP		1	
12	0010	847401	SCREW (#10-24 x .380)		1	
13	0037	8M0045436	DECAL SET 8.2L Base	[1A352249] & Below	1	
13	0037	8M0054483	DECAL SET 8.2L EC Base	[1A352250] & Up	1	
13	0037	8M0045437	DECAL SET 8.2L High Output	[1A352249] & Below	1	
13	0037	8M0054484	DECAL SET 8.2L EC High Output	[1A352250] & Up	1	
13	0037	8M0045438	DECAL SET 8.2L Base (SeaCore)	[1A352249] & Below	1	
13	0037	8M0054485	DECAL SET 8.2L EC Base (SeaCore)	[1A352250] & Up	1	
13	0037	8M0045439	DECAL SET 8.2L High Output (SeaCore)	[1A352249] & Below	1	
13	0037	8M0054486	DECAL SET 8.2L EC High Output (SeaCore)	[1A352250] & Up	1	
13	0037	8M0045440	DECAL SET 8.2L High Output (MIE)	[1A352393] & Below	1	
13	0037	8M0054488	DECAL SET 8.2L EC High Output (MIE)	[1A352394] & Up	1	
13	0037	8M0045441	DECAL SET 8.2L Base (MIE)	[1A352393] & Below	1	
13	0037	8M0054487	DECAL SET 8.2L EC Base (MIE)	[1A352394] & Up	1	
14	0010	805391	SCREW (.312-18 x 4.500)		12	
15	0000	805223T	SENSOR		1	
-	0098	8M0063432	Silencer Kit		1	
16	0025	8M2001671	GROMMET		2	
17	0025	828249	GROMMET		2	
18	0000	8M0070932	BRACKET		1	
19	0098	8M0070740	COVER ASSEMBLY		1	
20	0037	8M0056663	DECAL Silencer		1	
-	0037	8M2007500	DECAL Emission Control		1	

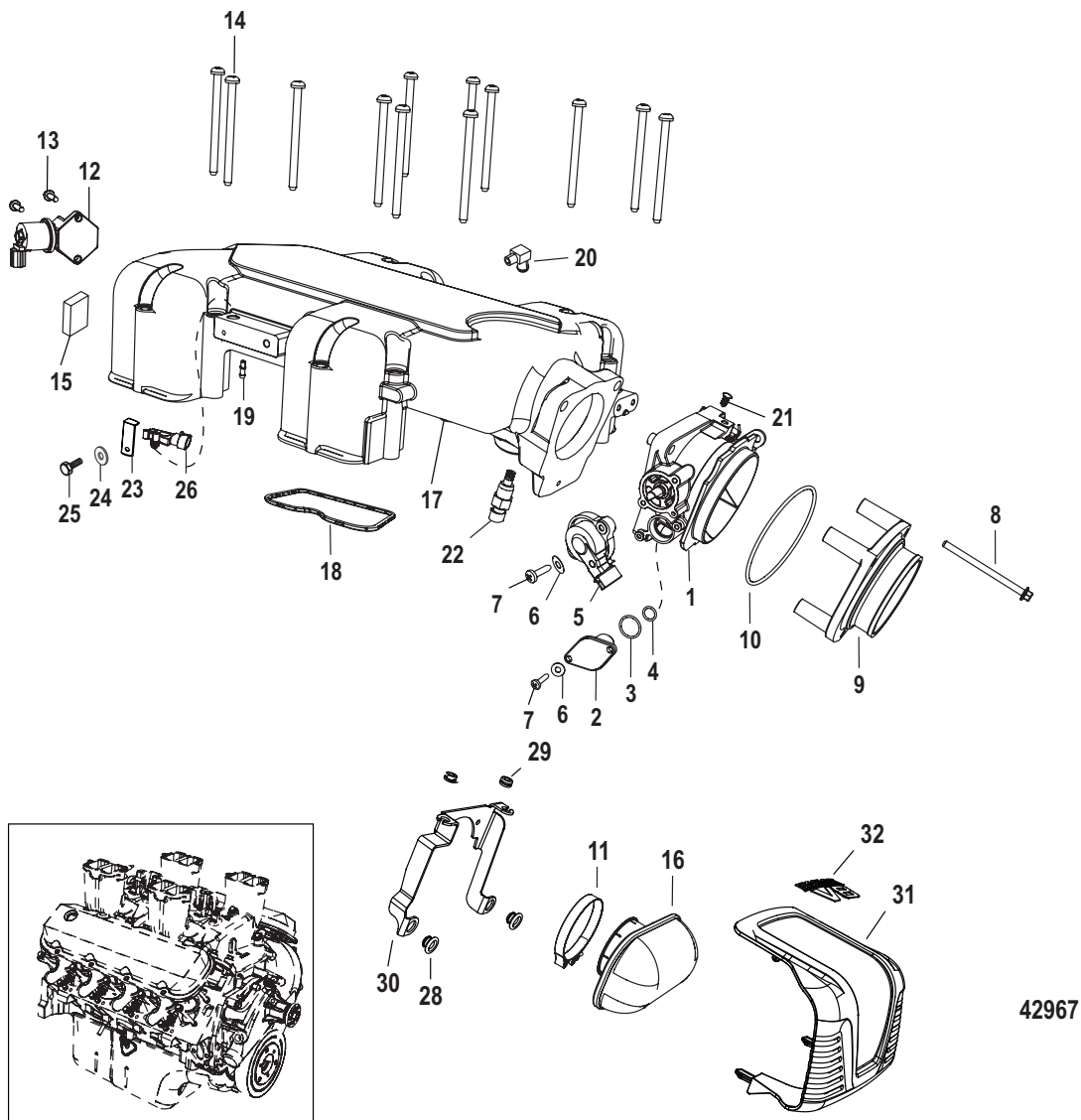
PART NOTES:

[1] - Component of Engine Gasket Set 8M0045578

Throttle Body Mechanical Throttle-Shift



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Throttle Body Mechanical Throttle-Shift

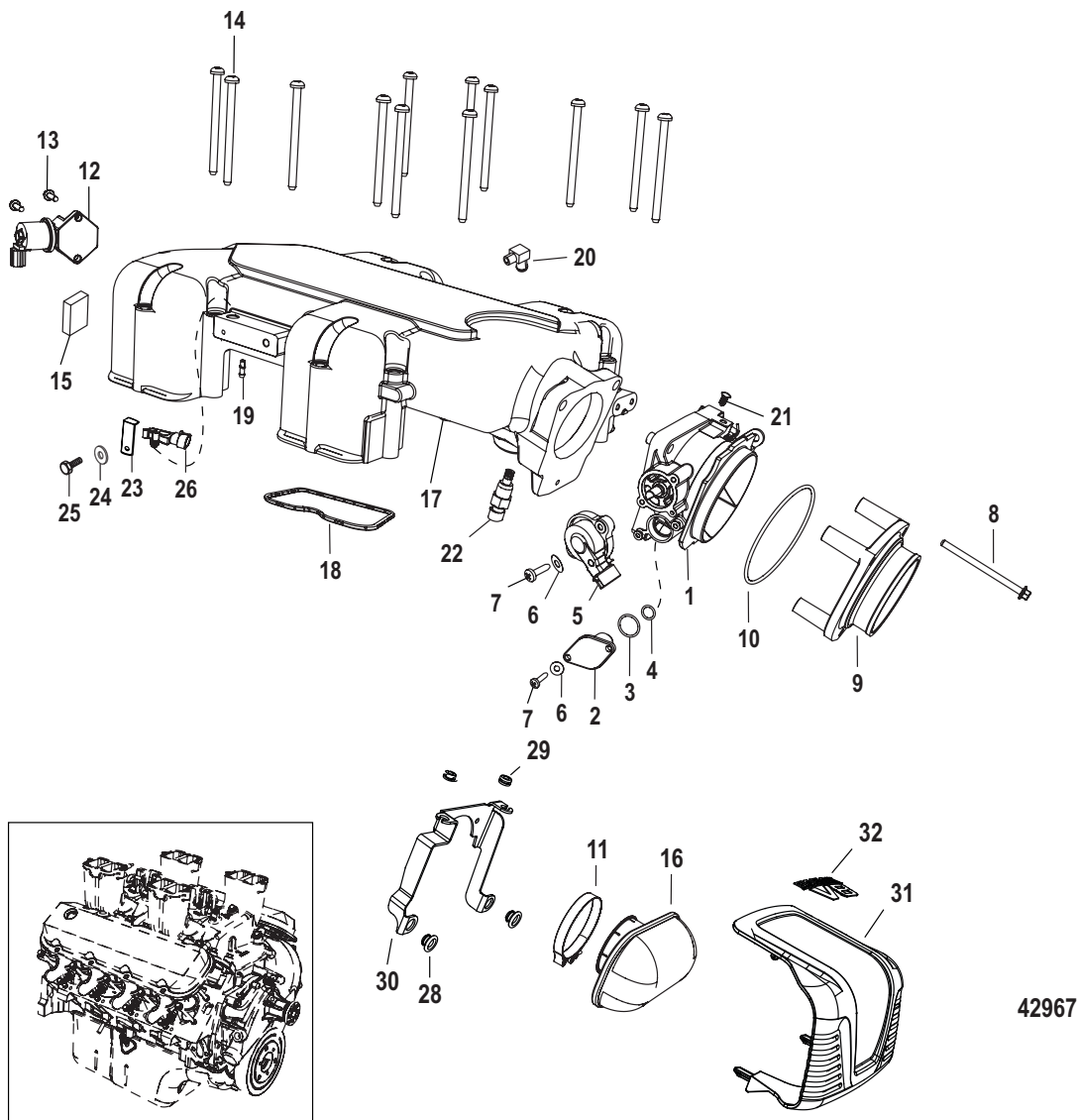
Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	8M0045241	THROTTLE BODY ASSEMBLY		1	
2	0000	862999002	PLUG		1	
3	0025	808547	O-RING		1	
4	0025	863006	O-RING (10.82 x 1.78)		1	
5	0000	853678T	SENSOR TPS		1	
6	0012	11303	WASHER		4	
7	0010	4008612	SCREW (M4 x 12)		4	
8	0010	88552585	SCREW (M6 x 85 MM) Stainless Steel		3	
9	0000	8M0045765	ADAPTER Flame Arrestor	High Output	1	
9	0000	8M0045766	ADAPTER Flame Arrestor	Base	1	
10	0025	841807	O-RING (3.500 x .103)		1	[1]
11	0054	863393	CLAMP		1	
12	0000	8M0045797	VALVE ASSEMBLY Idle Air		1	
13	0010	88552520	SCREW (M6 x 20 MM) Stainless Steel		2	
14	0010	805391	SCREW (.312-18 x 4.500)		12	
15	0035	865266	FILTER		1	
16	0000	8M0045238	FLAME ARRESTOR		1	
17	0000	8M0045239	PLENUM ASSEMBLY		1	
18	0000	8M0044310	SEAL		4	[1]
19	0022	805598	FITTING (.1875) Barb		1	
20	0022	687271	FITTING (.250-18) 90 Degree - Brass		1	
21	0010	8M0022331	SCREW Ratchet		1	
22	0000	805223T	SENSOR		1	
23	0000	840981	BRACKET MAP Sensor Mount		1	
24	0012	30164	WASHER (.192 x .375 x .0312) Stainless Steel		1	
25	0010	847401	SCREW (#10-24 x .380)		1	
26	0000	854445	SENSOR MAP		1	
27	0037	8M0045436	DECAL SET 8.2L Base	[1A352249] & Below	1	
27	0037	8M0054483	DECAL SET 8.2L EC Base	[1A352250] & Up	1	
27	0037	8M0045437	DECAL SET 8.2L High Output	[1A352249] & Below	1	
27	0037	8M0054484	DECAL SET 8.2L EC High Output	[1A352250] & Up	1	
27	0037	8M0045438	DECAL SET 8.2L Base (SeaCore)	[1A352249] & Below	1	
27	0037	8M0054485	DECAL SET 8.2L EC Base (SeaCore)	[1A352250] & Up	1	
27	0037	8M0045439	DECAL SET 8.2L High Output (SeaCore)	[1A352249] & Below	1	
27	0037	8M0054486	DECAL SET 8.2L EC High Output (SeaCore)	[1A352250] & Up	1	
-	0098	8M0063432	Silencer Kit		1	
28	0025	8M2001671	GROMMET		2	
29	0025	828249	GROMMET		2	
30	0000	8M0070932	BRACKET		1	
31	0098	8M0070740	COVER ASSEMBLY		1	
32	0037	8M0056663	DECAL Silencer		1	

Throttle Body Mechanical Throttle-Shift

Throttle Body Mechanical Throttle-Shift



27



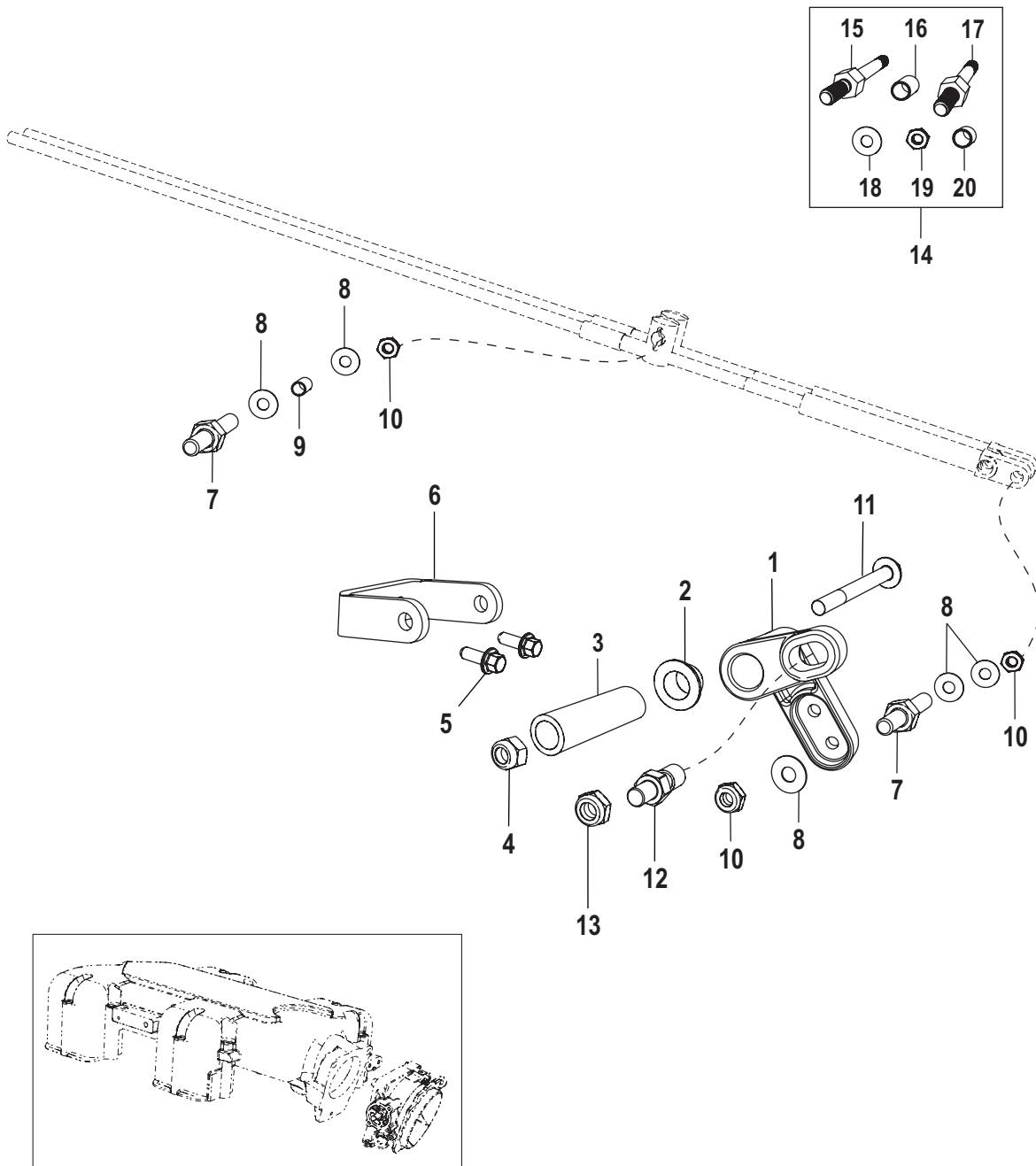
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Throttle Body Mechanical Throttle-Shift

PART NOTES:

- [1] - Component of Engine Gasket Set 8M0045578

Throttle Lever Assembly Mechanical Throttle-Shift

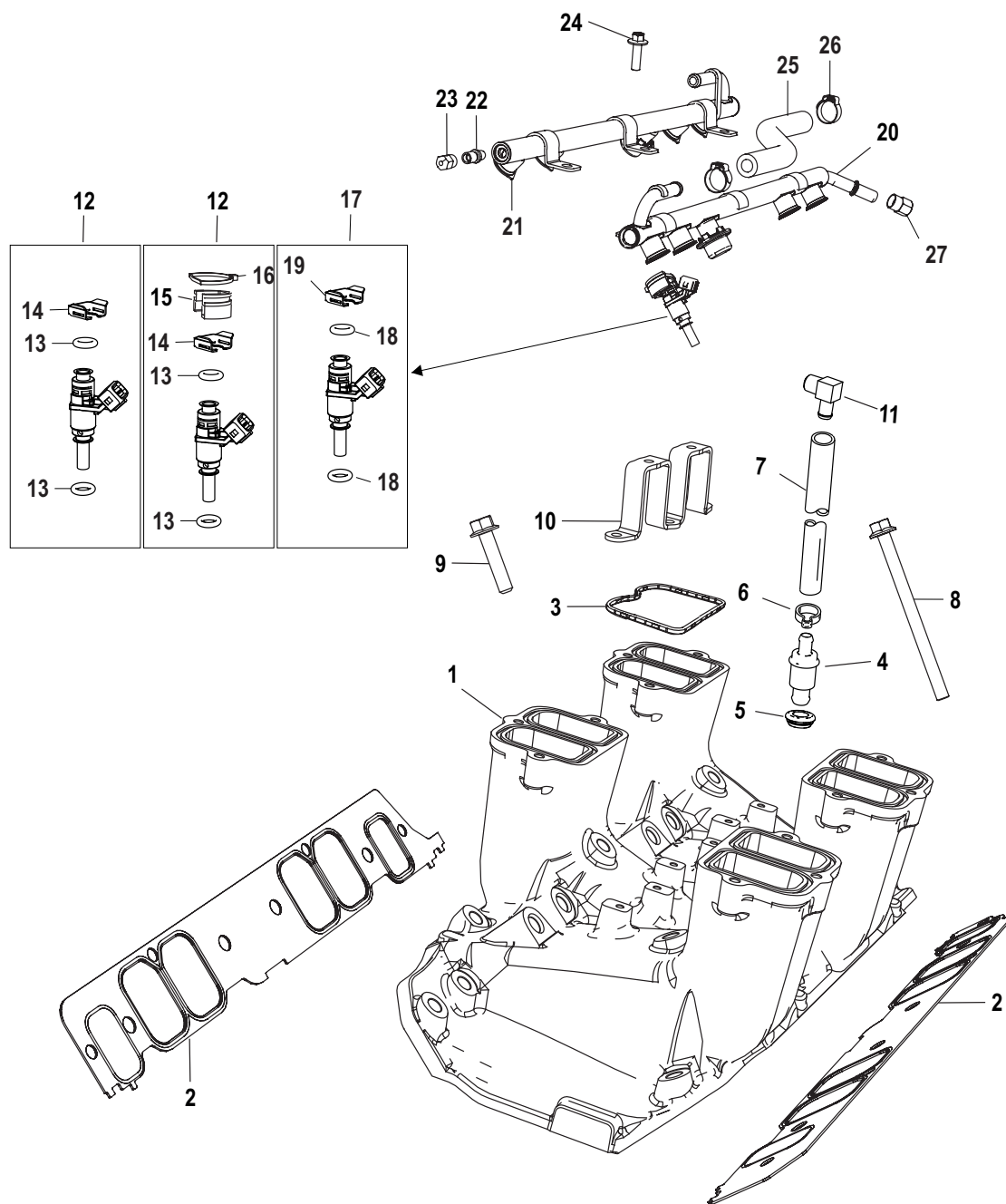


43613

Throttle Lever Assembly Mechanical Throttle-Shift

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	8M0044205	LEVER ASSEMBLY Throttle		1	
2	0023	841238	BUSHING		2	
3	0023	8M0042528	BUSHING		1	
4	0011	826365	NUT (M8)		1	
5	0010	88552516	SCREW (M6 x 16 MM) Stainless Steel		2	
6	0000	8M0046459	BRACKET Throttle Lever		1	
7	0016	8M0045152	STUD Special (1.925 Inches) Throttle Cable		2	
8	0012	846673	WASHER (.265 x .500 x .060) Stainless Steel		5	
9	0023	31866	SPACER (.256 x .313 x .625)		1	
10	0011	826709109	NUT (.250-28) Stainless Steel		3	
11	0010	4010775	SCREW (M8 x 75)		1	
12	0000	8M0043740	ROLLER ASSEMBLY Throttle		1	
13	0011	826709111	NUT (.312-24) Stainless Steel		1	
14	0000	8M0046250	THROTTLE/SHIFT KIT Two Station	(Twin Engines Require Two Kits)	1	
15	0016	8M0045150	STUD Special (2.535 Inches)		1	
16	0023	31866	SPACER (.256 x .313 x .625)		2	
17	0016	8M0045143	STUD Special (2.23 Inches)		1	
18	0012	846673	WASHER (.265 x .500 x .060) Stainless Steel		3	
19	0011	826709109	NUT (.250-28) Stainless Steel		3	
20	0023	8M0045155	SPACER (0.26 x 0.50 x 0.24)		1	

Intake Manifold



52776

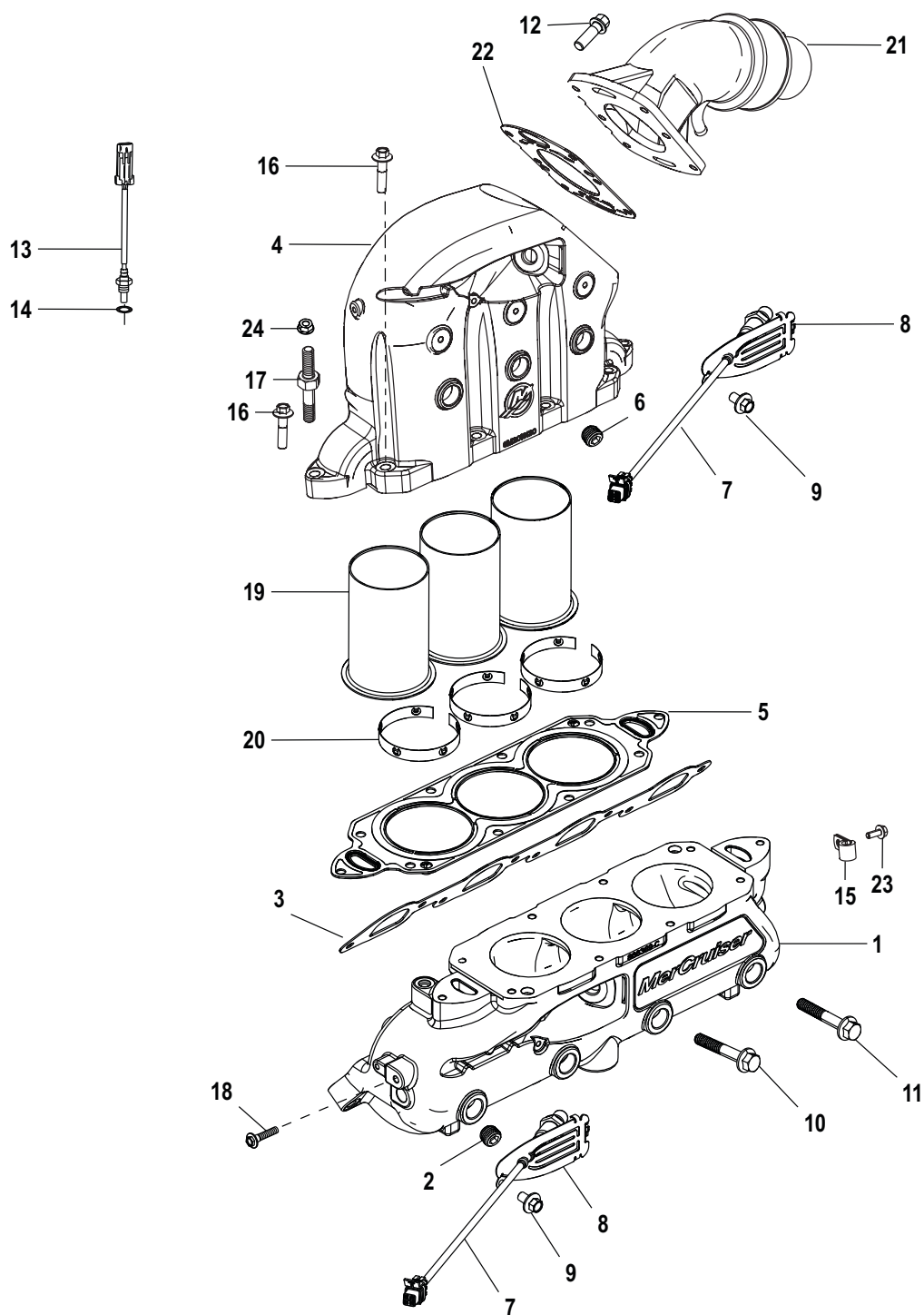
Intake Manifold

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	8M0045256	MANIFOLD ASSEMBLY Intake		1	
2	0027	805403A1	GASKET SET		1	[1]
3	0000	8M0044310	SEAL Intake Manifold		4	[1]
4	0000	848578	VALVE ASSEMBLY Crankcase Vent		1	
5	0025	811553	GROMMET		1	[1]
6	0054	848764	CLAMP (21 mm)		1	
7	0032	8M0042521	HOSE PCV Valve to Plenum		1	
8	0010	8M2017579	SCREW (.375-16 x 5.25) Intake Manifold to Head		4	
9	0010	8M0046395	SCREW (.375-16 x 1.75)		12	
10	0000	8M0043145	BRACKET Wire Harness		2	
11	0022	687271	FITTING (.250-18) 90 Degree - Brass		1	
12	0000	8M0082332	INJECTOR KIT Fuel Design-I or II	Use with Design-I Fuel Rail [2A030175] & Below	8	
13	0000	879150A09	SEAL KIT	(Contains 4 Upper Seals and 4 Lower) [2A030175] & Below	2	
14	0054	8M0045267	RETAINER KIT Design-I or II	(Set of 4), Use with Design-I Fuel Rail [2A030175] & Below	2	
15	0054	8M0050100	CLIP Fuel Injector, Secondary, Design-II	Use with Design-I Fuel Rail [2A030175] & Below	8	
16	0054	8M0050294	CABLE TIE Design-II	Use with Design-I Fuel Rail [2A030175] & Below	8	
17	0000	8M0082333	INJECTOR KIT Fuel Design-III	Use with Design-II Fuel Rail [2A030176] & Up	8	
18	0000	879150A09	SEAL KIT	(Contains 8 Seals) [2A030176] & Up	1	
19	0000	8M2001570	CLIP Design-III	Use with Design-II Fuel Rail [2A030176] & Up	8	
20	0000	8M0044743	FUEL RAIL Port	Design-I [2A030175] & Below	1	
20	0000	8M0081453	FUEL RAIL Port, Includes Injector Clips	Design-II [2A030176] & Up	1	
21	0000	8M0044754	FUEL RAIL Starboard	Design-I [2A030175] & Below	1	
21	0000	8M0081452	FUEL RAIL Starboard, Includes Injector Clips	Design-II [2A030176] & Up	1	
22	0021	8M0044726	VALVE ASSEMBLY		1	
23	0022	805515	CAP Shrader Valve - Brass		1	
24	0010	88552516	SCREW (M6 x 16 MM) Stainless Steel Fuel Rail to Intake Manifold		6	
25	0032	8M0044724	HOSE Balance		1	
26	0054	8M0046568	CLAMP (20.5 mm)		2	
27	0019	8M0046566	CAP Service Point		1	

PART NOTES:

[1] - Component of Engine Gasket Set 8M0045578

Exhaust Manifold And Elbow



42798

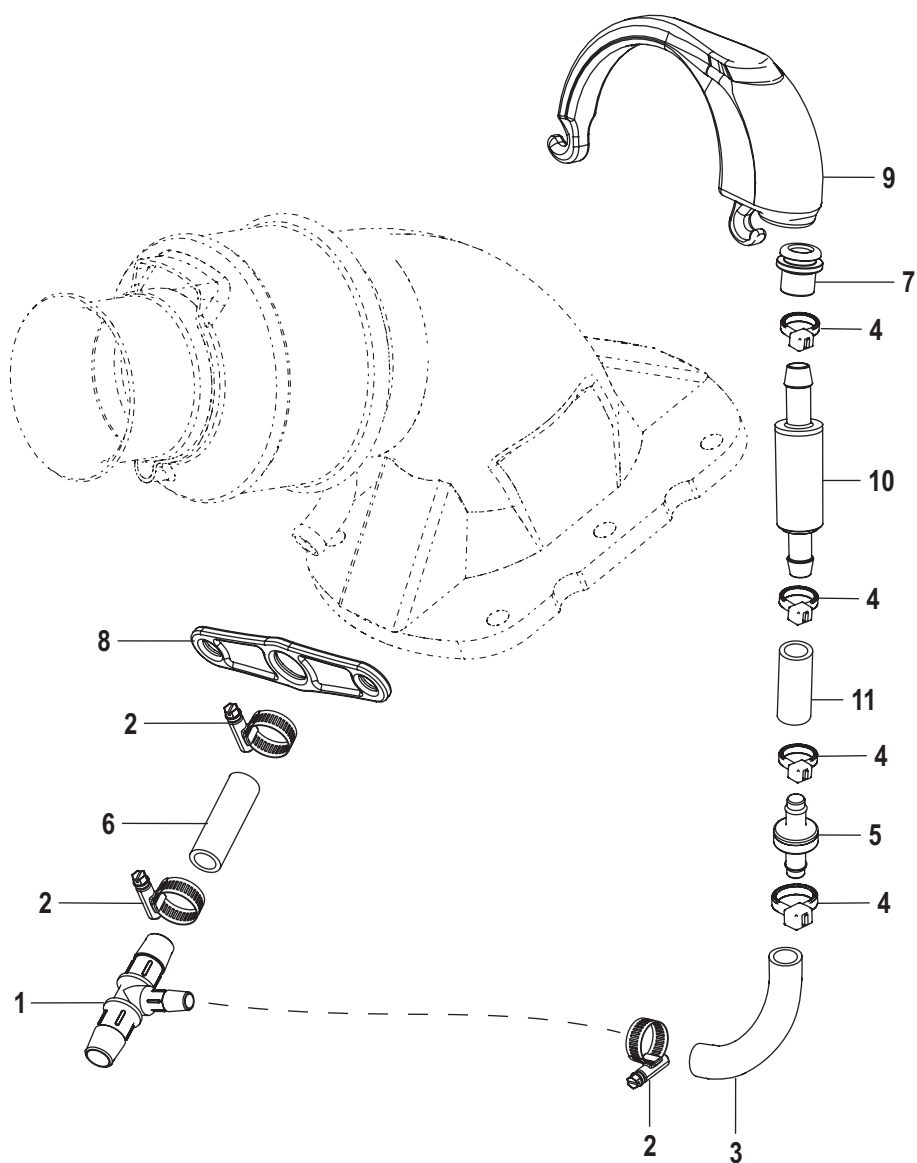
Exhaust Manifold And Elbow

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	8M0045258	MANIFOLD ASSEMBLY Exhaust		2	
2	0019	864689	PLUG Expansion		8	
3	0027	8M2018049	GASKET Cylinder Head to Exhaust Manifold		2	[1]
4	0000	866391T02	COLLECTOR Exhaust		2	
5	0027	866390	GASKET Collector, Exhaust		2	[1]
6	0019	864689	PLUG Expansion		6	
7	0000	8M2003959	SENSOR Oxygen		4	
8	0000	8M2004289	COVER Oxygen Sensor		4	
9	0010	4010610	SCREW (M6 x 10) Stainless Steel		AR	
10	0010	8M2017590	SCREW (.375-16 x 1.75) Exhaust Manifold to Cylinder Head		8	
11	0010	8M2017591	SCREW (.375-16 x 3.0) Exhaust Manifold to Cylinder Head		8	
12	0010	8M2003966	SCREW (M8) Hex Flange		12	
13	0000	885342002	SENSOR ASSEMBLY		2	
14	0025	896699	O-RING (1.78 mm x .08 mm)		1	[1]
15	0054	65653	CLIP		2	
16	0010	4009535	SCREW (M8 x 35)	[1A351717] & Below	19	
16	0010	4009535	SCREW (M8 x 35)	[1A351718] & Up	20	
17	0016	8M2017900	STUD (M8) Coolant Reservoir Bracket	[1A351717] & Below	1	
18	0010	4010716	SCREW (M8 x 16)		2	
19	0000	879288T47	CATALYST		6	
20	0000	866775	RING Retention Catalyst		6	
21	0000	879288T79	ELBOW Exhaust No Rise		2	
21	0000	879288T80	ELBOW Exhaust No Rise	(MIE V-Drive only)	2	
21	0000	879288T81	RISER KIT Exhaust - 2 Inch Rise (Contains 2 Elbows and Manifold to Elbow Hose)		1	
21	0000	879288T82	RISER KIT Exhaust - 4 Inch Rise (Contains 2 Elbows and Manifold to Elbow Hose)		1	
21	0000	879288T83	RISER KIT Exhaust - 6 Inch Rise (Contains 2 Elbows and Manifold to Elbow Hose)		1	
21	0000	879288T84	RISER KIT Exhaust - 8 Inch Rise (Contains 2 Elbows and Manifold to Elbow Hose)		1	
22	0027	8M2003931	GASKET (Elbow 0 rise includes 1 gasket each)		2	[1]
23	0010	4010612	SCREW (M6 x 12) Stainless Steel		2	
24	0011	826365	NUT (M8) Coolant Reservoir Bracket	[1A351717] & Below	1	

PART NOTES:

[1] - Component of Engine Gasket Set 8M0045578

Exhaust Elbow Vent Valve

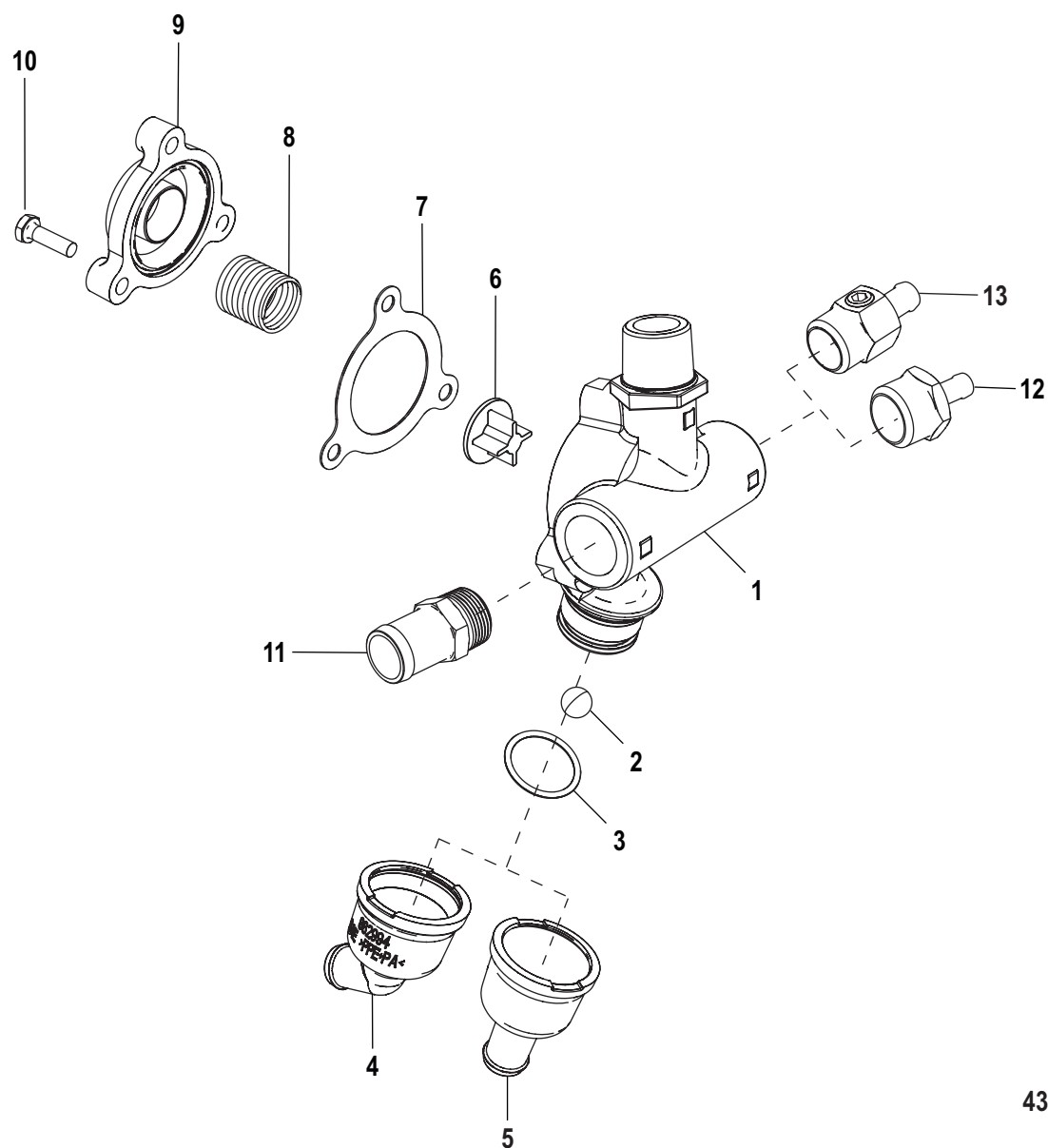


46103

Exhaust Elbow Vent Valve

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	8M0054663	VENT VALVE KIT Exhaust Elbow		2	
1	0000	8M6500018	TEE Reducer (0.5 x 0.5 0.313)		1	
2	0054	815504206	CLAMP Worm Gear		3	
3	0032	858807	HOSE Tee to Check Valve		1	
4	0000	69355	TIE STRAP (5.50 Inches)		4	
5	0021	8M6500019	CHECK VALVE		1	
6	0032	8M2012906	HOSE (45 Inches Bulk) Tee to Elbow	(Cut to 2.25 Inches)	1	
7	0025	8M0054051	GROMMET Vent Valve		1	
8	0000	8M0054057	STRAP Reservoir		1	
9	0000	8M0054001	RESERVOIR Vent Valve		1	
10	0021	8M0056844	CHECK VALVE Duckbill		1	
11	0032	8M0047448	TUBING (.312) (70 Inches Bulk)	(Cut to 1.5 Inches)	1	
-	0019	8079923	COVER Hose Clamp		AR	

Poppet Valve Assembly

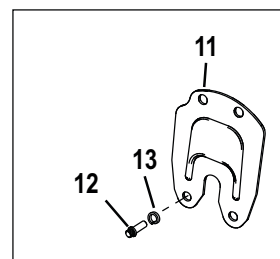
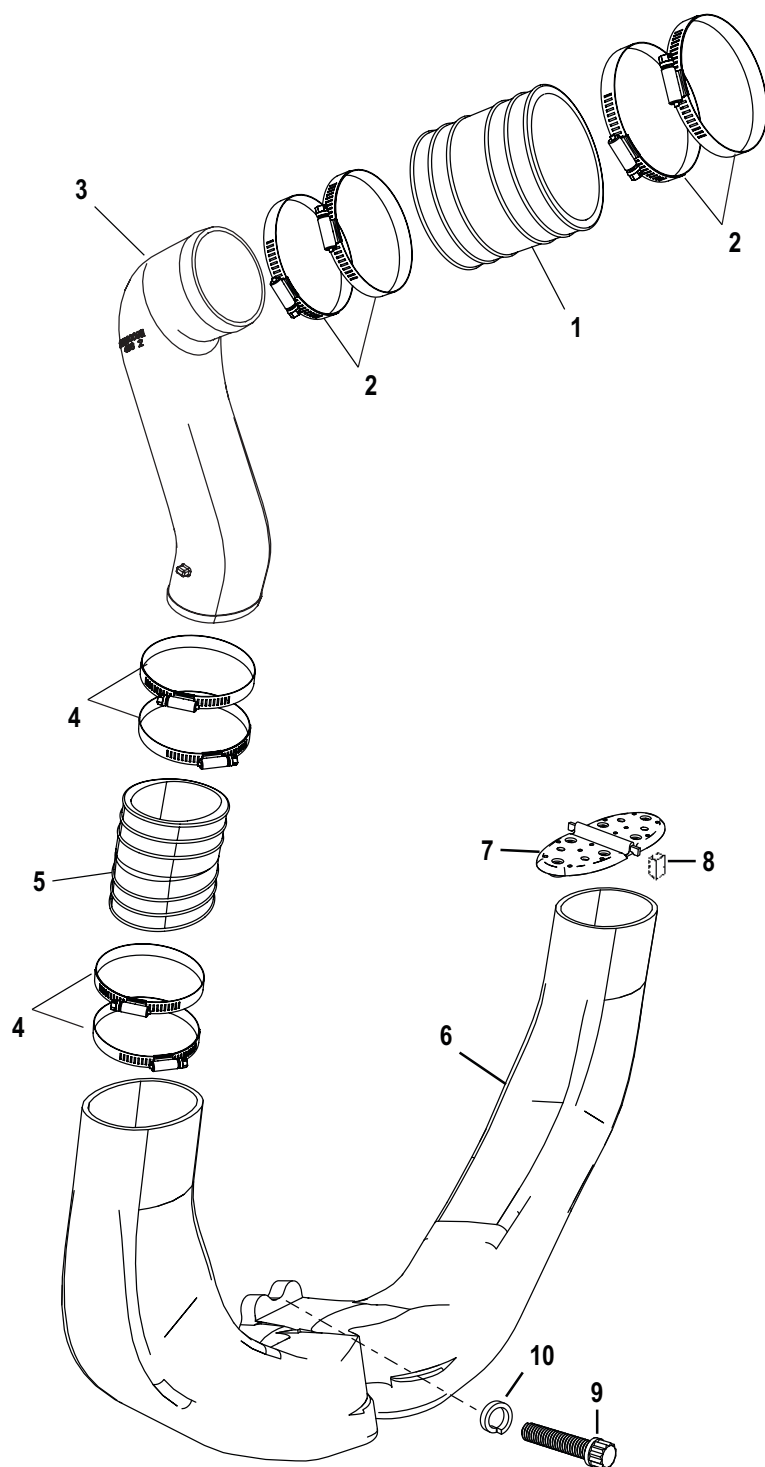


43358

Poppet Valve Assembly

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	879288T59	VALVE Poppet Assembly		1	
1	0000	8M0045697	VALVE ASSEMBLY Poppet	Port [1A351400] & Below	1	
2	0030	863129	BALL		1	
3	0025	864701	O-RING (1.112 x .103)		1	
4	0000	862994T	FITTING		1	
5	0022	8M0045576	FITTING Drain	Port [1A351400] & Below	1	
6	0000	8M2010186	POPPET		1	
7	0027	8M2010475	GASKET Poppet Cover		1	
8	0024	42996	SPRING (Stainless Steel)		1	
9	0000	8M8020473	CAP Thermostat		1	
10	0010	28668	SCREW (.250-20 x .875) Stainless Steel		3	
11	0022	866725	FITTING Straight (.750-14)		2	
12	0022	8M2011728	FITTING Straight (3/4 x 0.5)	(MCM)	2	
13	0022	8M2016321	FITTING Straight (3/4 x 0.5)	(MIE)	2	

Exhaust System Components

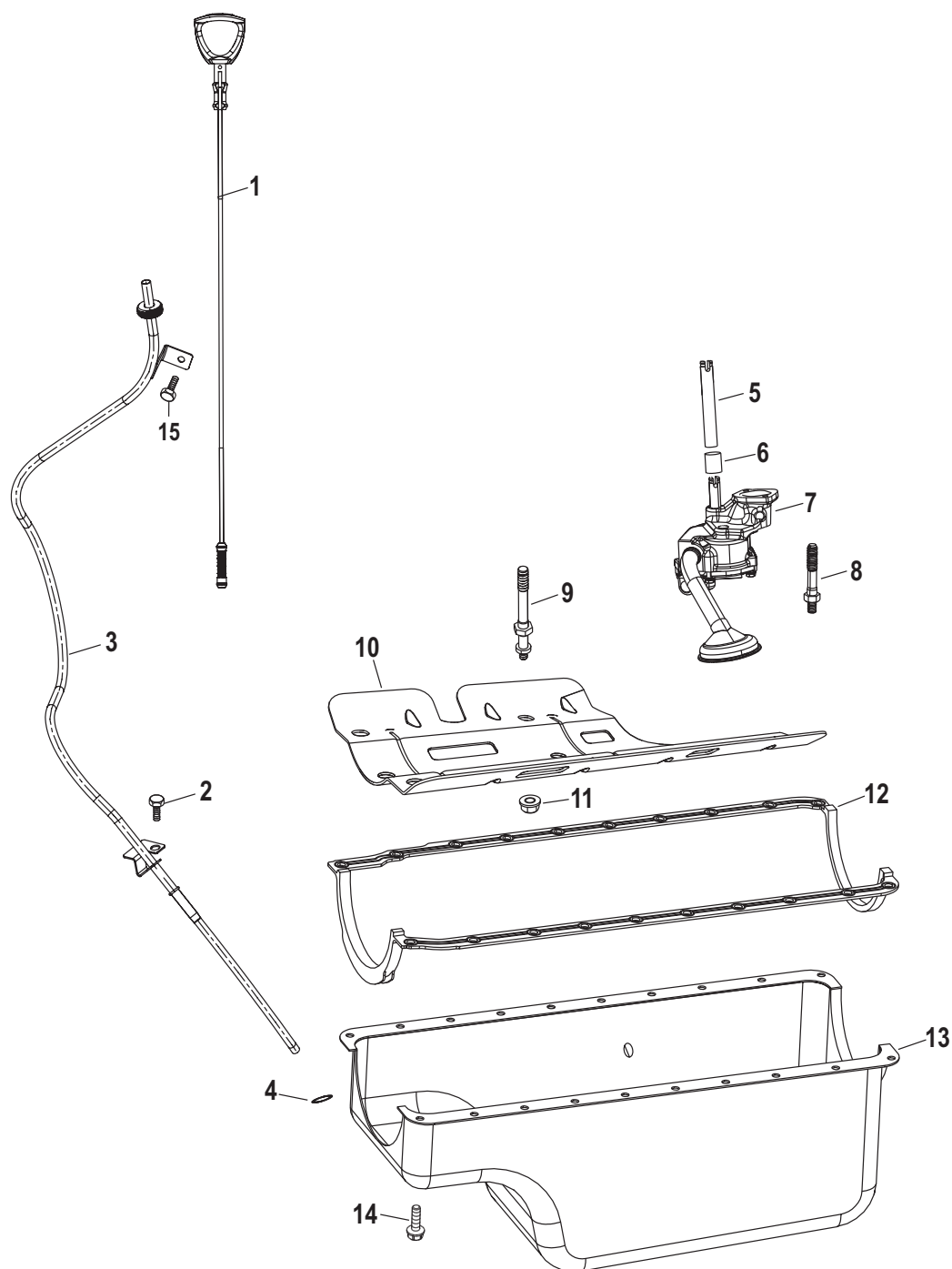


43000

Exhaust System Components

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0032	44348001	TUBE Exhaust		2	
2	0054	815504272	CLAMP Worm Gear		8	
3	0000	879288A12	ELBOW KIT Intermediate, No Rise		1	
3	0000	879288A13	ELBOW KIT Intermediate, 2 Inch Rise		1	
3	0000	879288A14	ELBOW KIT Intermediate, 4 Inch Rise		1	
3	0000	879288A15	ELBOW KIT Intermediate, 6 Inch Rise		1	
3	0000	879288A16	ELBOW KIT Intermediate, 8 Inch Rise		1	
4	0054	815504272	CLAMP Worm Gear		8	
5	0032	14358001	TUBE Exhaust Exhaust		2	
6	0000	807130A4	PIPE Exhaust		1	
7	0000	807166A1	SHUTTER ASSEMBLY Water		2	
8	0025	807167	GROMMET		4	
9	0010	58640	SCREW (.375-16 x 1.25)		4	
10	0013	41471	LOCKWASHER (.375)		4	
11	0000	861776A2	PLATE KIT	Through Transome Exhaust	1	
12	0010	98794	SCREW (.375-16 x 1.00)	Through Transom Exhaust	4	
13	0013	41471	LOCKWASHER (.375)	Through Transom Exhaust	4	

Oil Pan And Oil Pump



42799

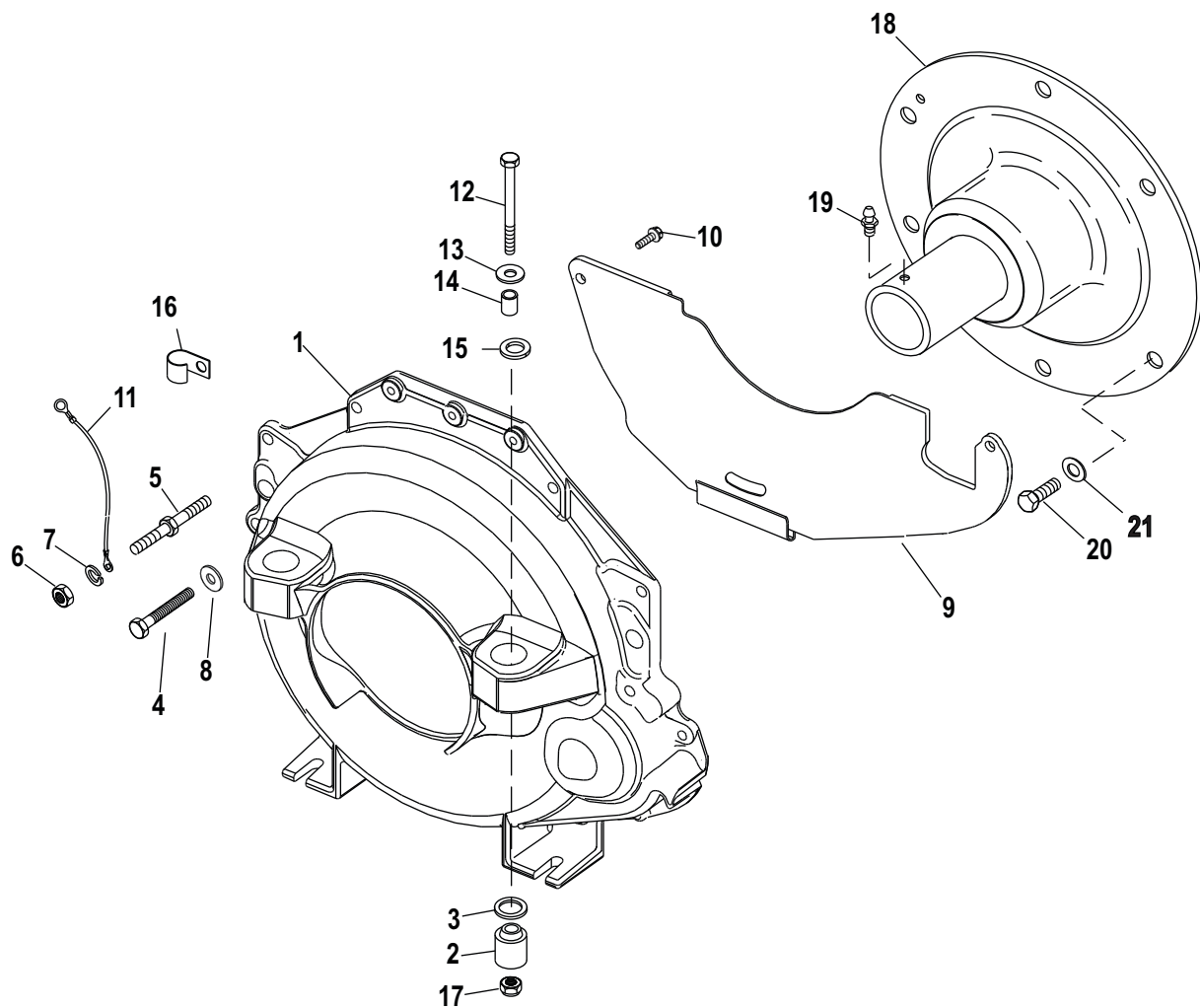
Oil Pan And Oil Pump

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	8M0045293	DIPSTICK Oil Level		1	
2	0010	98257	SCREW (.312-18 x .500) Dipstick Tube to Block, Bottom		1	
3	0000	8M2018769	TUBE ASSEMBLY Dipstick		1	
4	0025	62704	O-RING (.362 x .103)		1	[1]
5	0000	14761	SHAFT AND RETAINER		1	[2]
6	0023	36183	RETAINER		1	[2]
7	0000	8M0025386	PUMP ASSEMBLY Oil		1	[2]
8	0016	845599	STUD (.375-16/.438-14 x 3.00)		1	[2]
9	0016	843375	STUD (.375-16/.500-12 x 5.500)		5	[2]
10	0000	843945T	WINDAGE TRAY Oil Deflector		1	[2]
11	0011	845602	NUT (.375-16)		5	[2]
12	0027	845628	GASKET Oil Pan		1	[3]
13	0000	845668T	PAN ASSEMBLY Oil		1	[2]
14	0010	841389	SCREW (.312-18 x .620)		20	[2]
15	0010	4010610	SCREW (M6 x 10) Stainless Steel Dipstick Tube to Coolant Reservoir Bracket		1	

PART NOTES:

- [1] - Component of Engine Gasket Set 8M0045578
- [2] - Component of Longblock Assembly 8M0045344
- [3] - Component of Engine Gasket Set 8M0045578
Component of Longblock Assembly 8M0045344

Flywheel Housing

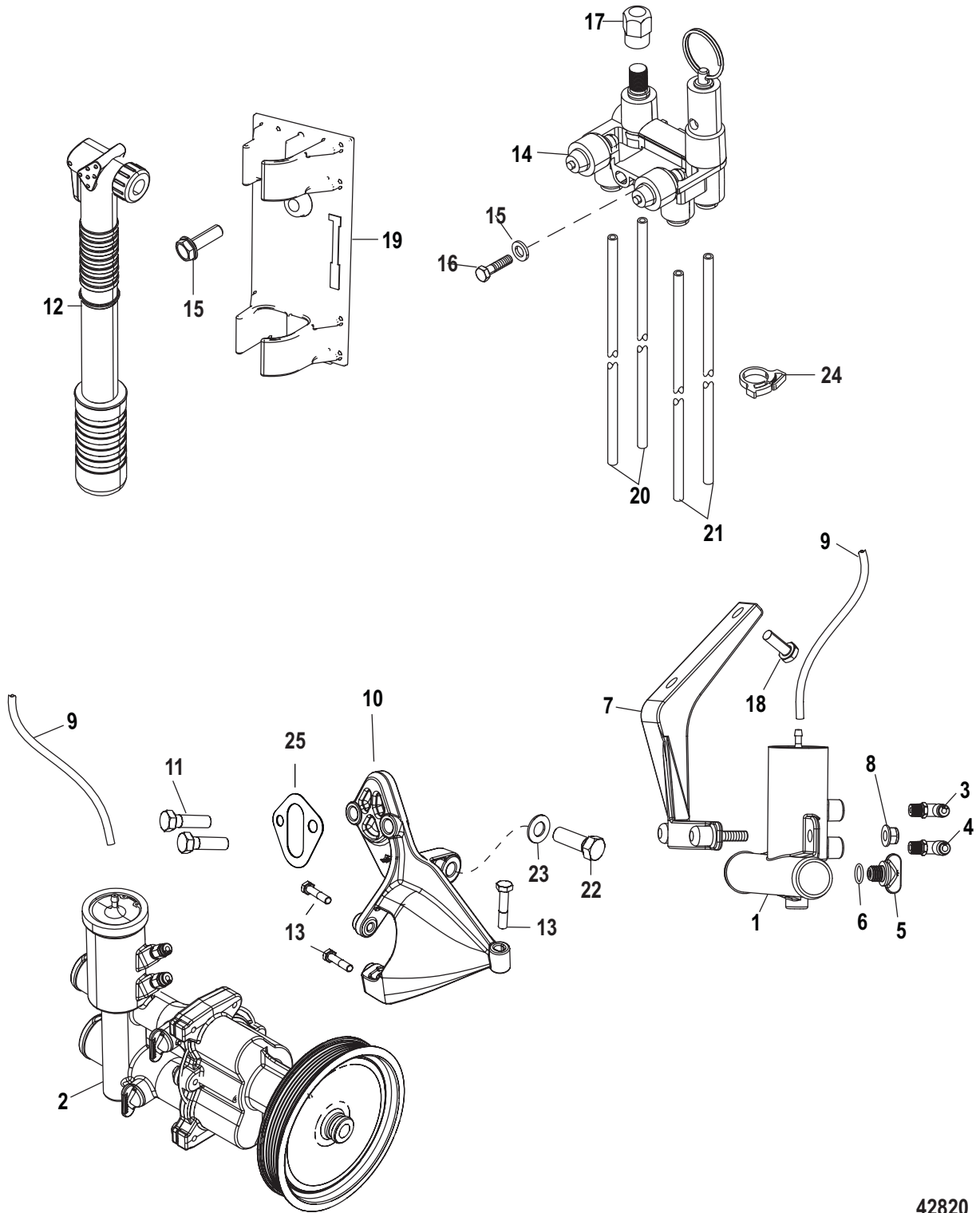


29926

Flywheel Housing

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	865657A04	HOUSING ASSEMBLY Flywheel		1	
2	0000	865330A02	MOUNT KIT Rubber		1	
3	0023	99322	SPACER		2	
4	0010	35047	SCREW (.375-16 x 1.250) Stainless Steel		4	
5	0016	861316	STUD (.375-16 x 2.750) Special		2	
6	0011	82671112	NUT (.375-16)		2	
7	0013	400248	LOCKWASHER (M10)		2	
8	0013	35048	LOCKWASHER (.375)		1	
9	0000	807260A2	COVER KIT Flywheel		1	
NS	0011	807296	NUT (.250-20)		2	
10	0010	86885	SCREW (.250-20 x 1.500) Stainless Steel		2	
11	0084	62826A6	CABLE ASSEMBLY Ground (13.00 Inches) Black		1	
12	0010	97934	SCREW (.500-20 x 5.370) Special		2	
13	0012	35777	WASHER (.5156 x 1.375 x .125) Aluminum		2	
14	0023	99299	SPACER (.520 x .870 x .630)		2	
15	0012	54012	WASHER (.530 x .870 x .105) Stainless Steel		A/R	
16	0054	92850	CLAMP Harness Support		1	
17	0011	863332	NUT (.500-20) Aluminum		2	
18	0000	861523A7	COUPLER ASSEMBLY Engine - Long Steel Hub		1	
19	0022	74036	FITTING Grease		1	
20	0010	863480	SCREW (.375-16 x 1.125)		6	
21	0012	25909	WASHER (.406 x .812 x .065)		6	

Water Drain System



42820

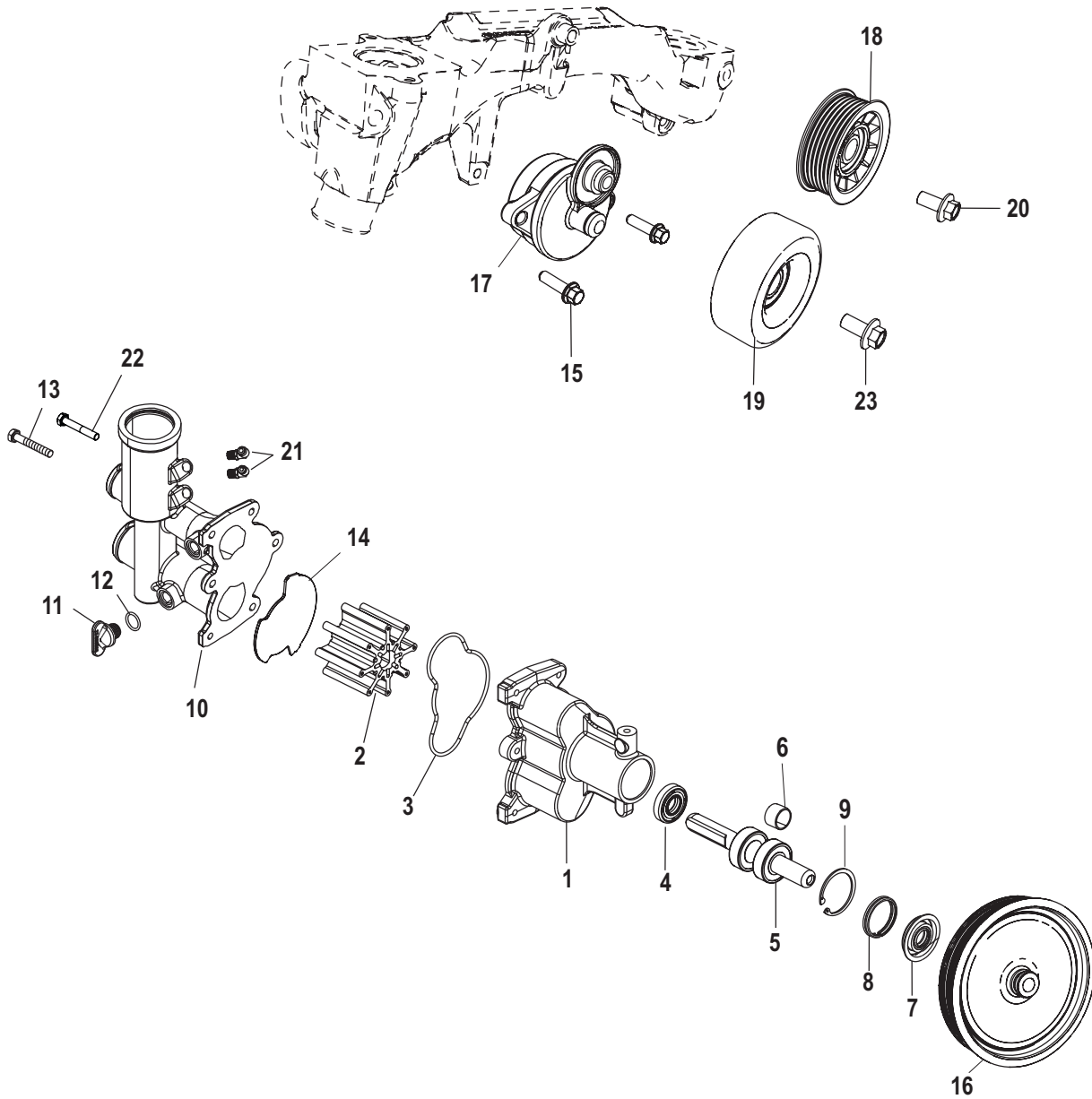
Water Drain System

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	863717A2	ACTUATOR ASSEMBLY Water Drain	Port	1	
2	0046	862914T10	PUMP KIT Sea Water Without Air Fittings	See Seawater Pump for Component Break down	1	
2	0046	862914T11	PUMP KIT Sea Water With Air Fittings	See Seawater Pump for Component Break down	1	
3	0022	865288	FITTING Gray (90 Degree)		1	
4	0022	865289	FITTING Orange (90 Degree)		1	
5	0022	806608A02	PLUG ASSEMBLY (.500-13) Blue		1	[1]
6	0025	26802	O-RING (.424 x .103)		1	[2]
7	0000	863863T	BRACKET Actuator Mounting	Port	1	
8	0011	826365	NUT (M8) Nylock		2	
9	0032	8630561	HOSE (42.00 Inches Bulk) Black Air		2	
10	0000	8M0045295	BRACKET Seawater Pump		1	
11	0010	865982007	SCREW (.375-16 x 1.25) Hex Flange		2	
12	0000	863057	PUMP Air		1	
13	0010	865152	SCREW (M6)		3	
14	0000	863053T	MANIFOLD ASSEMBLY Air		1	
15	0010	79968	SCREW (#12-11 x .750)		1	
16	0010	82104545	SCREW (M5 x45)		2	
17	0019	8M0046566	CAP Service Point		1	
18	0010	98260	SCREW (.375-16 x .620)		2	
19	0000	8M0046157	BRACKET Air Pump		1	
20	0032	8M0062605	HOSE (40.00 inch Bulk) Green	Starboard Cut to 32 Inches, Port Cut to 22 Inches	2	
21	0032	8M0062601	HOSE (40.00 inch Bulk) Grey	Starboard Cut to 32 Inches, Port Cut to 23 Inches	2	
22	0010	47462	SCREW (.437-14 x 1.250)		1	
23	0012	22248	WASHER (.453 x .875 x .060)		1	
24	0054	415825	CLAMP Nylon		1	
25	0027	34213	GASKET		1	[3]

PART NOTES:

- [1] - Alternate part numbers:
806608A02Service Part
806608Q01QS
- [2] - Component of Engine Gasket Set 8M0070509
- [3] - Component of Engine Gasket Set 8M0070509
Component of Longblock Assembly 8M0074038

Seawater Pump



45011

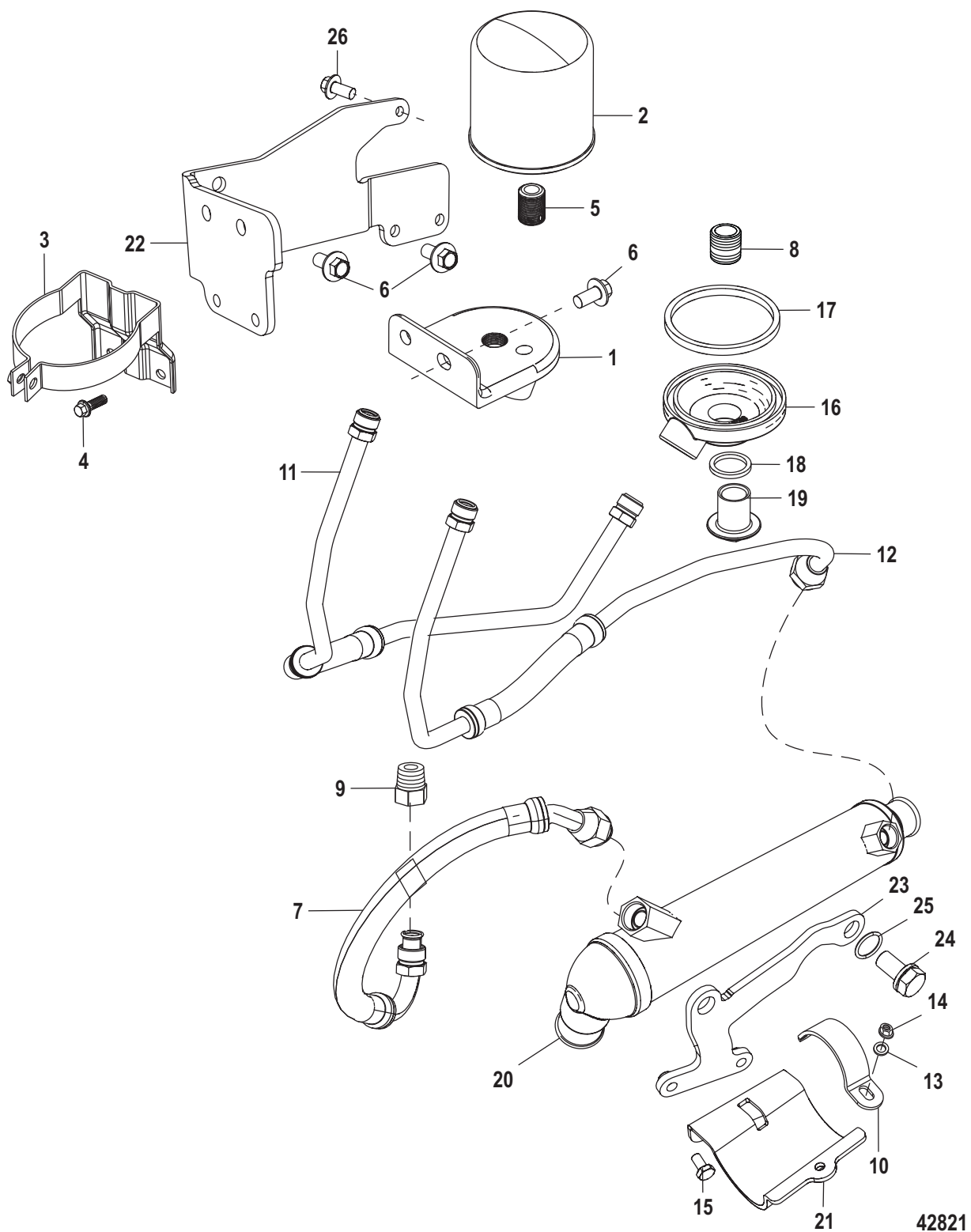
Seawater Pump

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0046	862914T10	PUMP KIT Sea Water Without Air Fittings		1	
-	0046	862914T11	PUMP KIT Sea Water With Air Fittings		1	
1	0046	862914A13	HOUSING ASSEMBLY Impeller		1	
2	0047	862232A2	IMPELLER		1	
3	0000	8M2021987	O-RING Formed		1	
-	0000	8M0050018	DRIVESHAFT ASSEMBLY KIT		1	
4	0026	8M2001645	SEAL Oil		1	
5	0000	862235A1	DRIVESHAFT ASSEMBLY Impeller		1	
6		NSS	NOT SOLD SEPARATE SPACER	[1A351543] & Up	1	
7	0026	862040	SEAL Lip		1	
8	0000	862039	TOLERANCE RING	[1A351542] & Below	1	
9		NSS	NOT SOLD SEPARATE SNAP RING	[1A351543] & Up	1	
10	0000	863674A04	COVER KIT Impeller Housing		1	
11	0022	806608A02	PLUG ASSEMBLY (.500-13) Blue		2	[1]
12	0025	26802	O-RING (.424 x .103)		2	[2]
13	0010	4000328	SCREW (M6 x 16)		6	
14	0000	8M2014176	PLATE Wear		1	
15	0010	88552630	SCREW (M8 x 30)		2	
16	0000	879172T78	PULLEY		1	
17	0000	865597T	TENSIONER Belt		1	
18	0000	807757T	PULLEY ASSEMBLY Idler - Black		1	
19	0000	865777	PULLEY Idler, Non-Grooved		1	
20	0010	4010820	SCREW (M10 x 20) Hex Flange - Stainless Steel		1	
21	0022	863719	FITTING Orange - Straight		1	
21	0022	863718	FITTING Gray - Straight		1	
22	0010	865152	SCREW (M6)		2	
23	0010	4010820	SCREW (M10 x 20) Hex Flange - Stainless Steel		1	

PART NOTES:

- [1] - Alternate part numbers:
806608A02 Service Part
806608Q01QS
- [2] - Component of Engine Gasket Set 8M0070509

Remote Oil System



42821

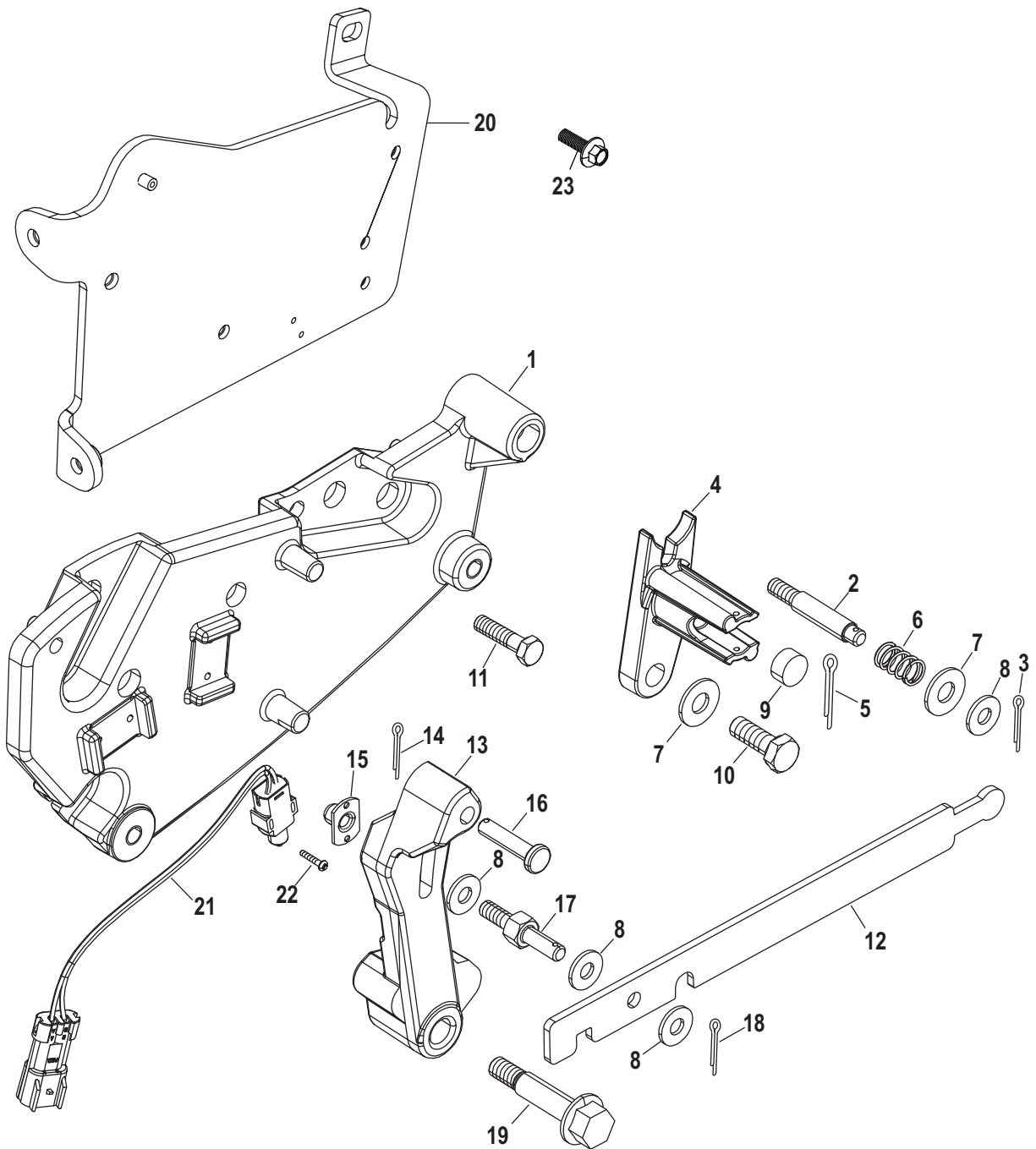
Remote Oil System

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	863732T1	BRACKET Remote Oil Filter		1	
2	0035	866340Q03	FILTER Oil - Quicksilver Brand		1	[1]
2	0035	866340K01	FILTER Oil - Mercury Brand		1	[1]
3	0000	865262A02	BRACKET ASSEMBLY		1	
4	0010	4010716	SCREW (M8 x 16)		2	
5	0022	863485	FITTING		1	
6	0010	4010820	SCREW (M10 x 20) Hex Flange - Stainless Steel		AR	
7	0032	8M2017402	HOSE Oil, Cooler to Adaptor		1	
8	0022	805632	CONNECTOR		1	
9	0022	93190	FITTING (.375 NPTF x .50 Inverted Flare)		1	
10	0000	807445T	CLAMP Cooler Bracket		1	
11	0032	8M2017405	LINE Oil, Filter Base to Block		1	
12	0032	8M2017485	LINE Oil, Filter to Cooler		1	
13	0012	35044	WASHER (.281 x .625 x .065) Stainless Steel		1	
14	0011	401366	NUT (M6) Stainless Steel		1	
15	0010	28636	SCREW (.250-20 x .750)		2	
16	0000	862870T	ADAPTER Oil Filter		1	
17	0026	862957	SEAL Oil Filter Adapter		1	[2]
18	0026	42077	SEAL Swivel Tube		1	[2]
19	0022	862958	FITTING Oil Filter Adapter		1	
20	0000	8M0045696	COOLER Oil		1	
21	0000	863905T	BRACKET Oil Cooler		1	
22	0000	8M0045300	BRACKET Remote Oil		1	
23	0000	8M2018755	BRACKET Oil Cooler, Intermediate		1	
24	0010	8M2019251	SCREW (.500-13 x 1.00) Oil Cooler to Block		2	
25	0012	54012	WASHER (.530 x .870 x .105) Stainless Steel		2	
26	0010	4010612	SCREW (M6 x 12) Stainless Steel Remote Oil Bracket to Collector		1	

PART NOTES:

- [1] - Alternate part numbers:
- 866340K01MPP
- 866340Q02Service Part
- 866340Q03QS
- [2] - Component of Engine Gasket Set 8M0045578

Shift Bracket Mechanical

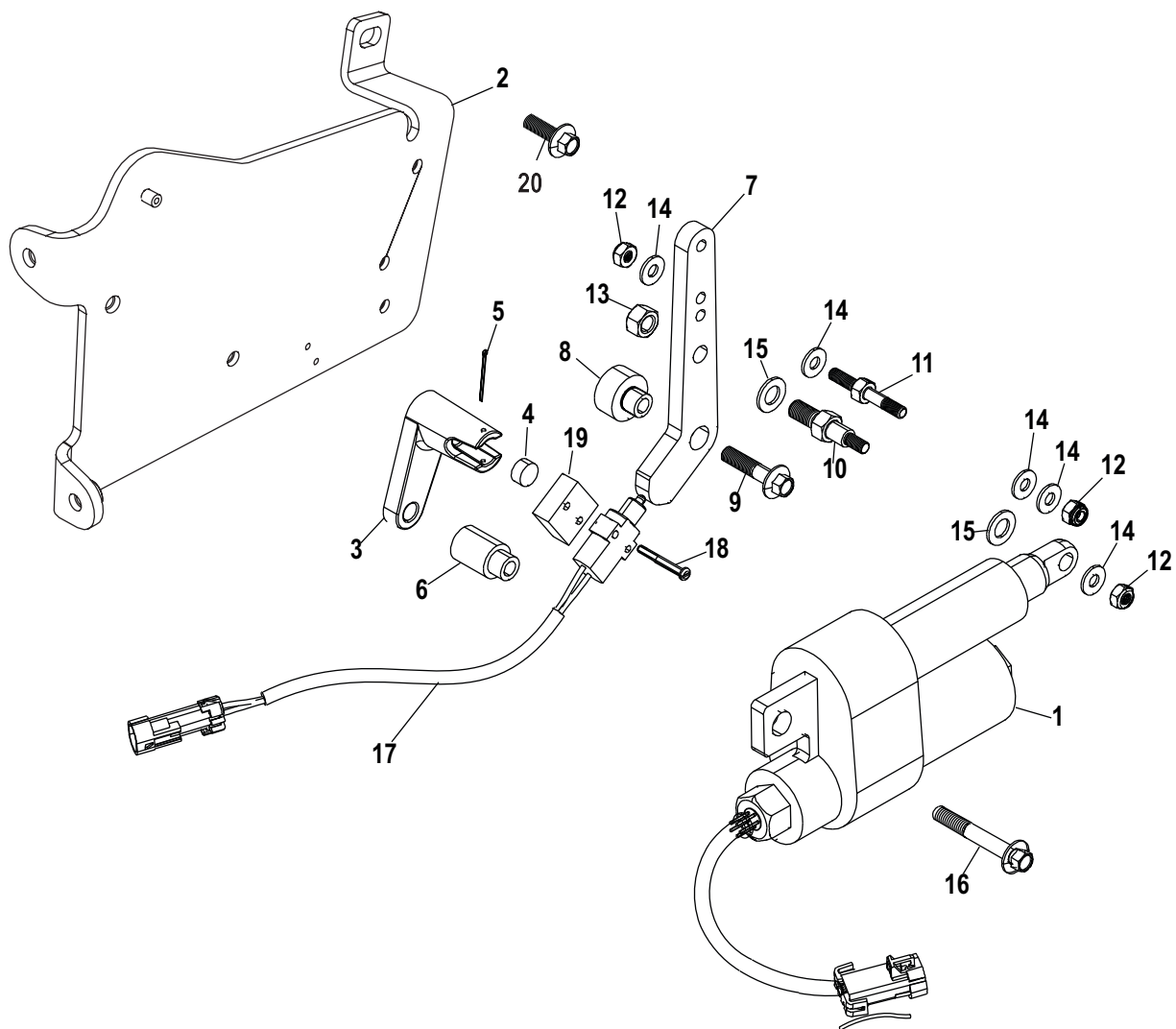


42824

Shift Bracket Mechanical

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	807962A15	BRACKET ASSEMBLY		1	
2	0016	865154A02	STUD KIT (.250-20/.250-28 x 2.120)		1	
3	0018	210711	COTTER PIN		1	
4	0000	865434A02	RETAINER KIT Shift Cable		1	
5	0018	328571	COTTER PIN		1	
6	0024	98880	SPRING		1	
7	0012	56720	WASHER (.330 x .750 x .060) Stainless Steel		2	
8	0012	35462	WASHER (.2656 x .625 x .0625) Stainless Steel		3	
9	0023	98828	SPACER		1	
10	0010	53167	SCREW (.312-18 x .880)		1	
11	0010	4010716	SCREW (M8 x 16)		3	
12	0091	12427T	TOOL Shift Adjust		1	
13	0000	863911A12	LEVER ASSEMBLY		1	
14	0018	210711	COTTER PIN		1	
15	0011	63341	TEE NUT		1	
16	0017	68402	PIN (.250 x 1.13) Clevis		1	
17	0016	865393A02	STUD KIT (.250-28 x 1.90)		1	
18	0018	210711	COTTER PIN		1	
19	0010	865148	SHOULDER SCREW (.312-18 x 1.843) Stainless Steel		1	
20	0000	8M0045249	BRACKET Shift Bracket Mount		1	
21	0087	808009T11	SWITCH ASSEMBLY		1	
22	0010	865147	SCREW (#6-32 x .750) Stainless Steel		2	
23	0010	817505	SCREW (.250-20 x .620) Stainless Steel		3	

Shift Bracket Digital Throttle and Shift

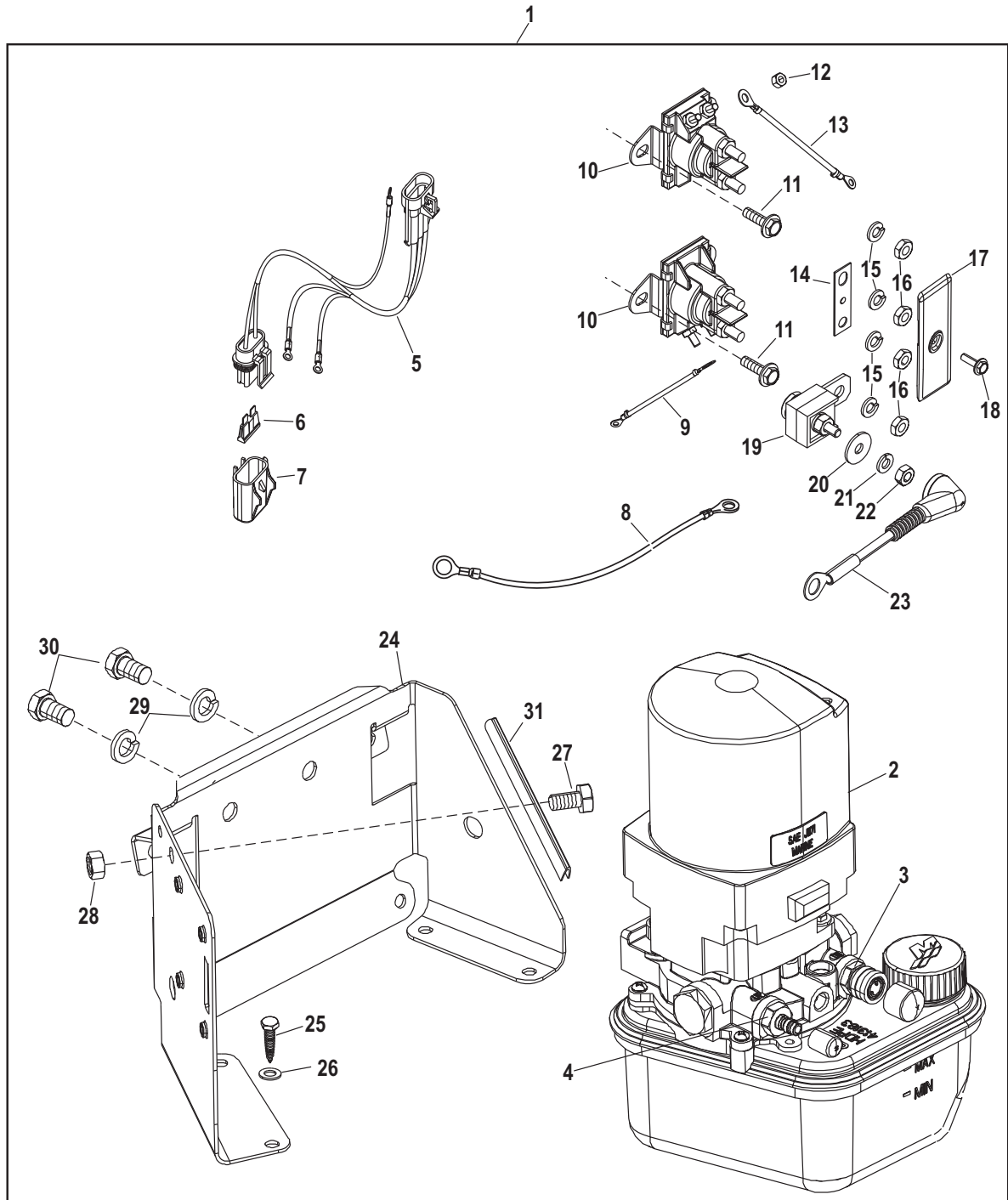


42800

Shift Bracket Digital Throttle and Shift

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	8M0045725	SHIFT ACTUATOR ASSEMBLY Complete		1	
1	0000	879194T46	SHIFT ACTUATOR		1	
2	0000	8M0045249	BRACKET Shift Plate		1	
3	0000	864616	RETAINER Shift Cable		1	
4	0023	98828	SPACER		1	
5	0018	36002	COTTER PIN		1	
6	0023	863133	SPACER Actuator		1	
7	0000	8631341	LEVER Shift Arm		1	
8	0023	863132	SPACER Shift Arm		1	
9	0010	4010735	SCREW (M8 x 35)		1	
10	0016	864361	STUD		1	
11	0016	96112	STUD (.250-28 x 2.00) Throttle Cable Anchor		1	
12	0011	826709109	NUT (.250-28) Stainless Steel		3	
13	0011	46335	NUT (.375-24)		1	
14	0012	35462	WASHER (.2656 x .625 x .0625) Stainless Steel		5	
15	0012	34931	WASHER (.406 x .734 x .063) Stainless Steel		2	
16	0010	40011155	SCREW (M8 x 55) Stainless Steel		1	
17	0087	889514A01	SWITCH		1	
18	0010	865076	SCREW (6-32 x 1.25)		2	
19	0023	864386	SPACER Switch		1	
20	0010	817505	SCREW (.250-20 x .620) Stainless Steel		3	

Trim Pump Assembly

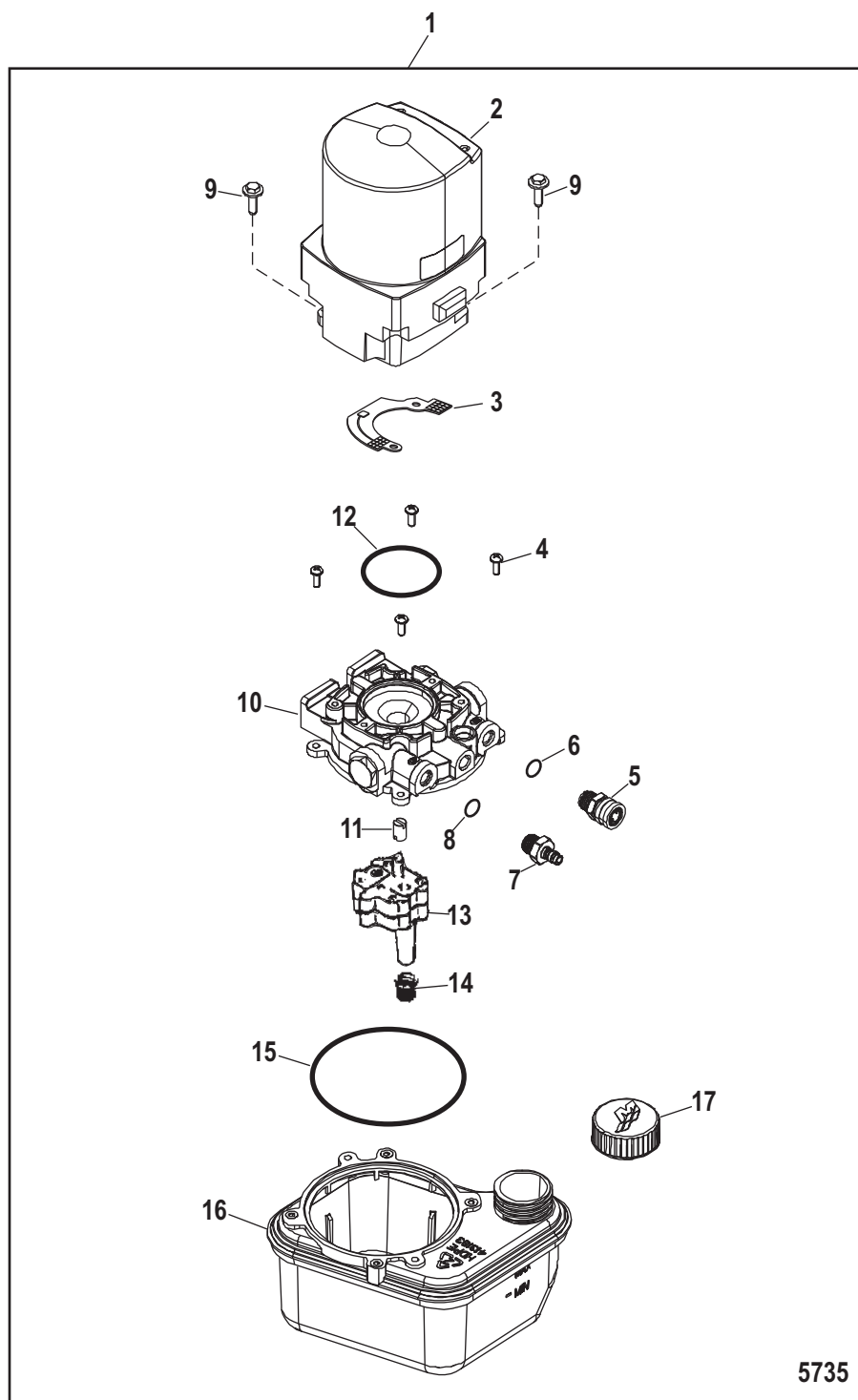


20383

Trim Pump Assembly

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	865380A25	PUMP ASSEMBLY Trim - Complete		1	
2	0000	865380A13	PUMP/MOTOR ASSEMBLY Trim - 12 Volt	- NOTE: See Trim Pump/Motor Assembly Section For Parts Breakdown	1	
3	0022	865413002	FITTING Stainless Steel		1	
4	0022	865412001	FITTING Stainless Steel		1	
5	0084	79147A09	HARNESS ASSEMBLY		1	
6	0088	812619	FUSE Yellow - 20 Ampere		1	
7	0000	828054	COVER Fuse		1	
8	0084	79138A9	CABLE ASSEMBLY (6.00 Feet) Black-Negative		1	
9	0084	86322A15	CABLE ASSEMBLY (5.50 Inches) Black		1	
10	0089	96158T	SOLENOID		2	
11	0010	865655	SCREW (.250-20 x .500)		4	
12	0011	26419	NUT (#8-32) Brass		4	
13	0084	86322A24	CABLE ASSEMBLY (4.00 Inches)		1	
14	0000	94275	LINK Connector		1	
15	0013	26992	LOCKWASHER (.250) Stainless Steel		4	
16	0011	94330	NUT (.250-20) Brass		4	
17	0085	861680	INSULATOR		1	
18	0010	48409	SCREW (#10-16 x .625) Stainless Steel		1	
19	0088	79023T10	FUSE ASSEMBLY 110 Ampere		1	
20	0012	25908	WASHER (.265 x .812 x .0625)		1	
21	0013	26992	LOCKWASHER (.250) Stainless Steel		1	
22	0011	21825	NUT (.250-28)		1	
23	0084	79139A12	CABLE ASSEMBLY Red-Positive		1	
24	0000	862548A1	BRACKET KIT Floor Or Transom Mounted		1	
25	0010	59784	SCREW (.250-10 x 1.00)		4	
26	0012	29245	WASHER (.281 x .500 x .060) Stainless Steel		4	
27	0010	90285	SCREW (.312-18 x .625)		1	
28	0011	68292	NUT (.312-18)		1	
29	0013	35048	LOCKWASHER (.375)		2	
30	0010	98260	SCREW (.375-16 x .620)		2	
31	0000	58491	CHANNEL Rubber (4.00 Inches)		2	

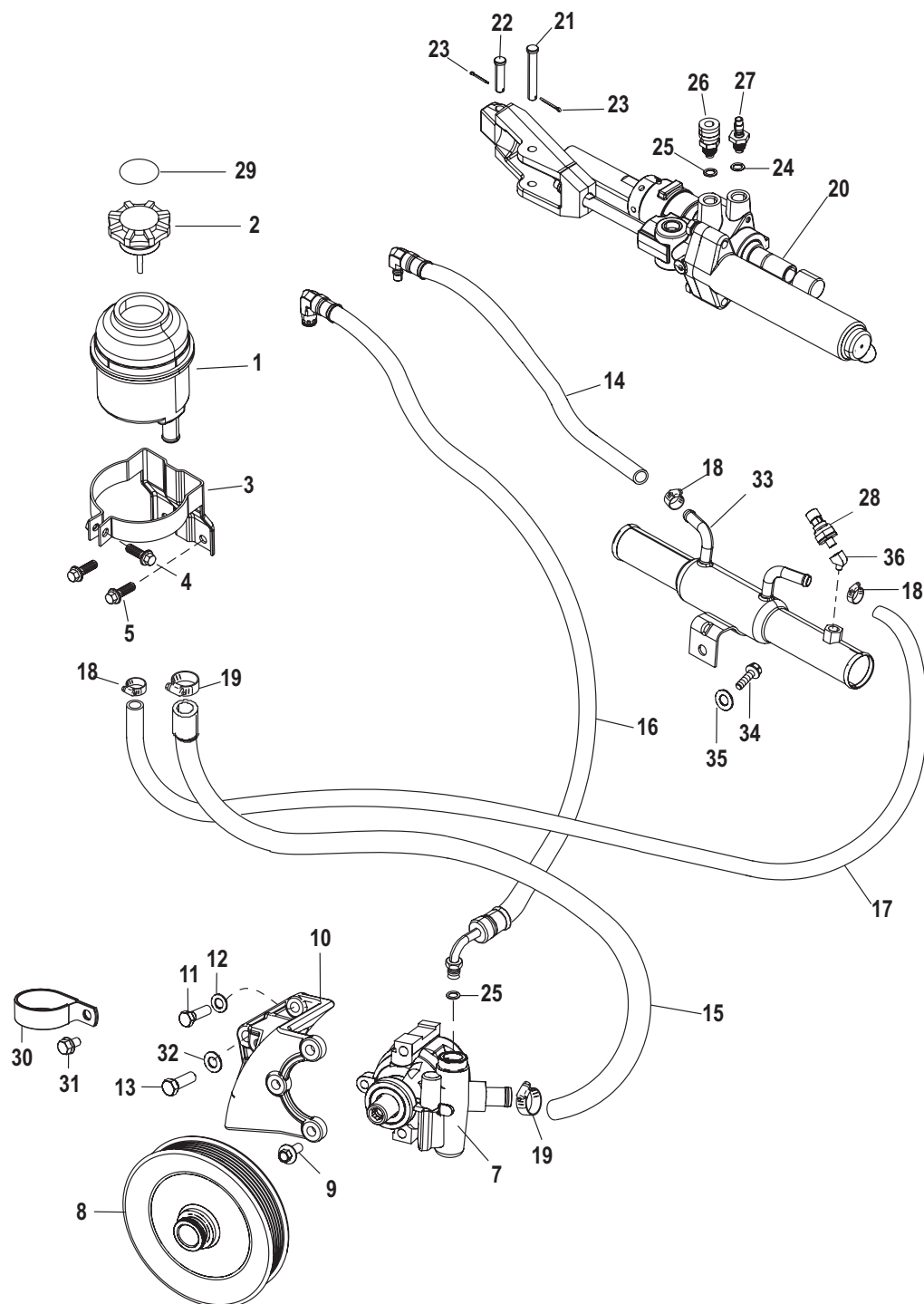
Trim Pump and Motor Components



Trim Pump and Motor Components

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

Steering Components

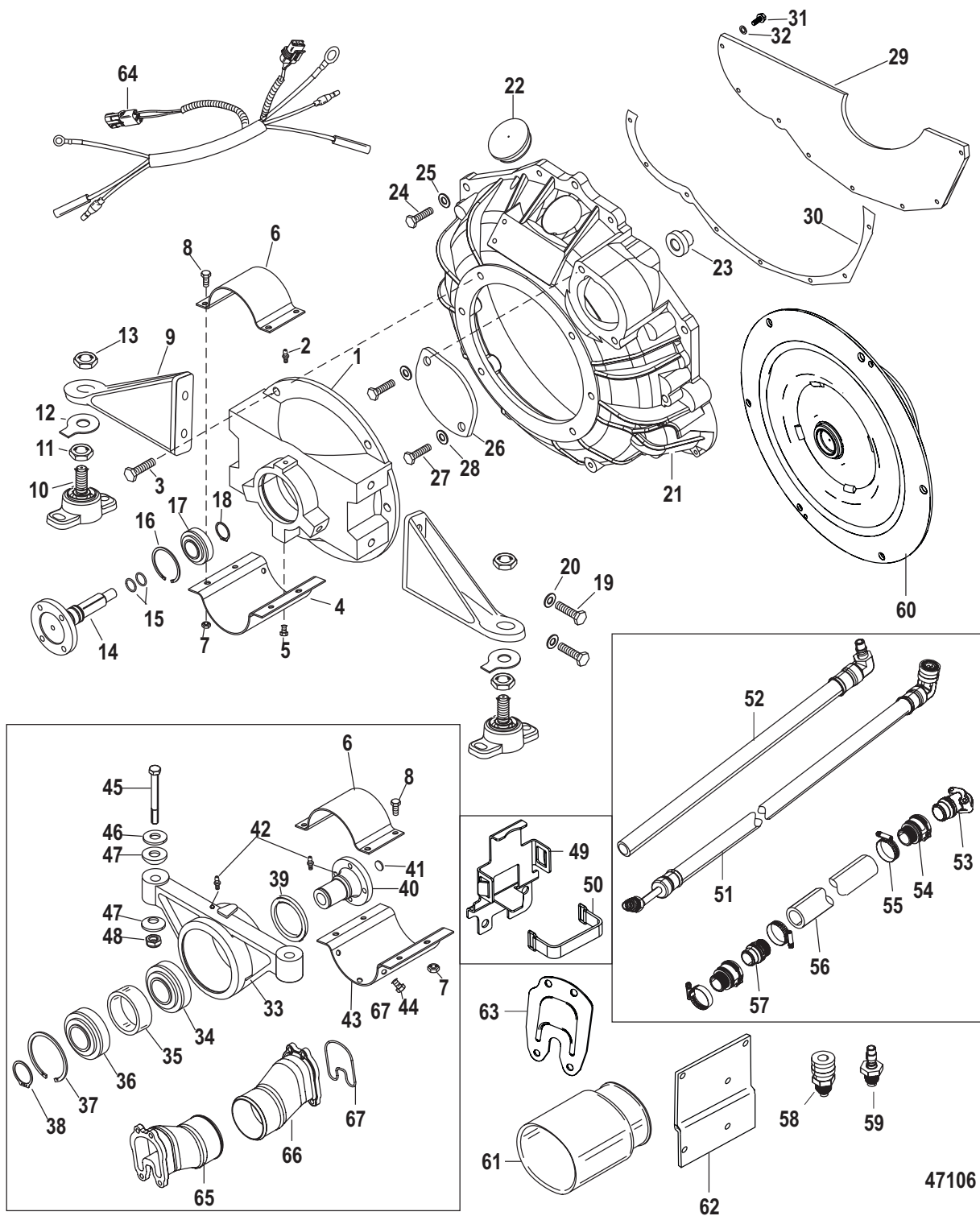


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Steering Components

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	8M0046080	RESERVOIR ASSEMBLY Oil, Power Steering		1	
2	0019	865263001	CAP Oil Reservoir - Black		1	
3	0000	865262A02	BRACKET ASSEMBLY		1	
4	0010	82130025	SCREW (M6 x 25)		1	
5	0010	4010716	SCREW (M8 x 16)		2	
7	0000	865710T	PUMP ASSEMBLY .75 Shaft Diameter Power Steering		1	
8	0000	861578	PULLEY Power Steering		1	
9	0010	4010720	SCREW (M8 x 20)		3	
10	0000	8M0045250	BRACKET Power Steering Pump		1	
11	0010	37612	SCREW (.375-16 x 1.250)		1	
12	0012	20553	WASHER (.406 x .734 x .063)		1	
13	0010	47462	SCREW (.437-14 x 1.250)		2	
14	0032	865390015	HOSE Male Quick Connect Cylinder to Cooler		1	
15	0032	8M0046187	HOSE Pump to Reservoir		1	
16	0032	8M0046188	HOSE Pump to Cylinder		1	
17	0032	865717	HOSE Reservoir to Cooler		1	
18	0054	815504105	CLAMP Worm Gear (11-18 mm) Hose		2	
19	0054	815504210	CLAMP Worm Gear Hose		2	
20	0000	866200A01	CYLINDER ASSEMBLY Power Steering		1	
21	0017	15878	PIN Clevis	Long	1	
22	0017	16419	PIN Clevis	Short	1	
23	0018	46950	COTTER PIN		2	
24	0025	806232	O-RING (.239 x .064)		1	
25	0025	89879	O-RING (.301 x .064)		2	
26	0022	865415	FITTING		1	
27	0022	865414001	FITTING		1	
28	0000	881879010	SENSOR		1	
29	0037	8M2017892	DECAL Power Steering Fluid		1	
30	0054	62494	CLIP		1	
31	0010	8055571	SCREW (.3125-18 x .50)		1	
32	0012	22248	WASHER (.453 x .875 x .060)		2	
33	0000	863820T1	COOLER Power Steering		1	
34	0010	816585	SCREW (.312-18 x .875)		1	
35	0013	72521	LOCKWASHER Internal Tooth		1	
36	0022	29085	FITTING Elbow (45 Degree)		1	

Jackshaft Main Kit (98634A20)



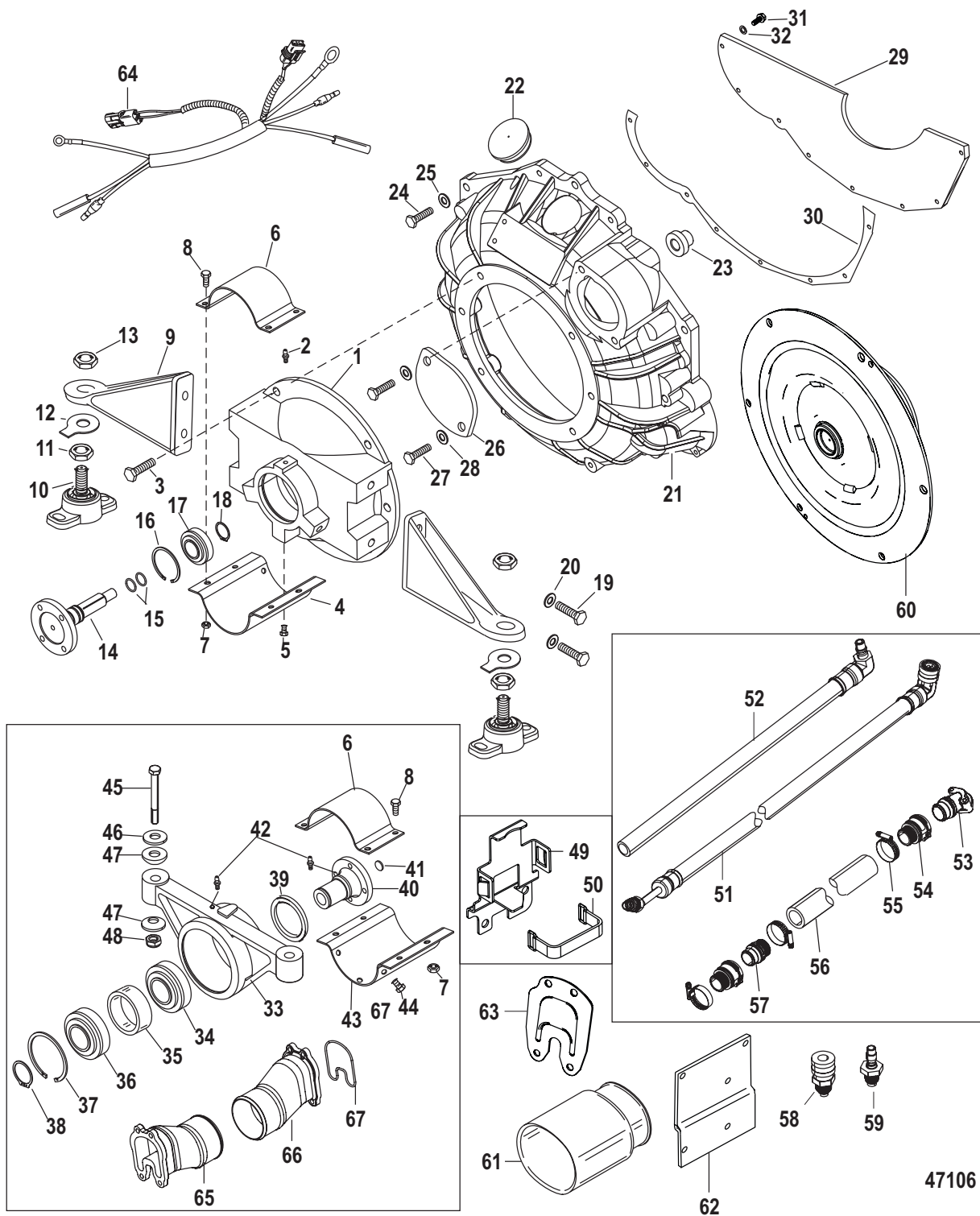
47106

Jackshaft Main Kit (98634A20)

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

Jackshaft Main Kit (98634A20)

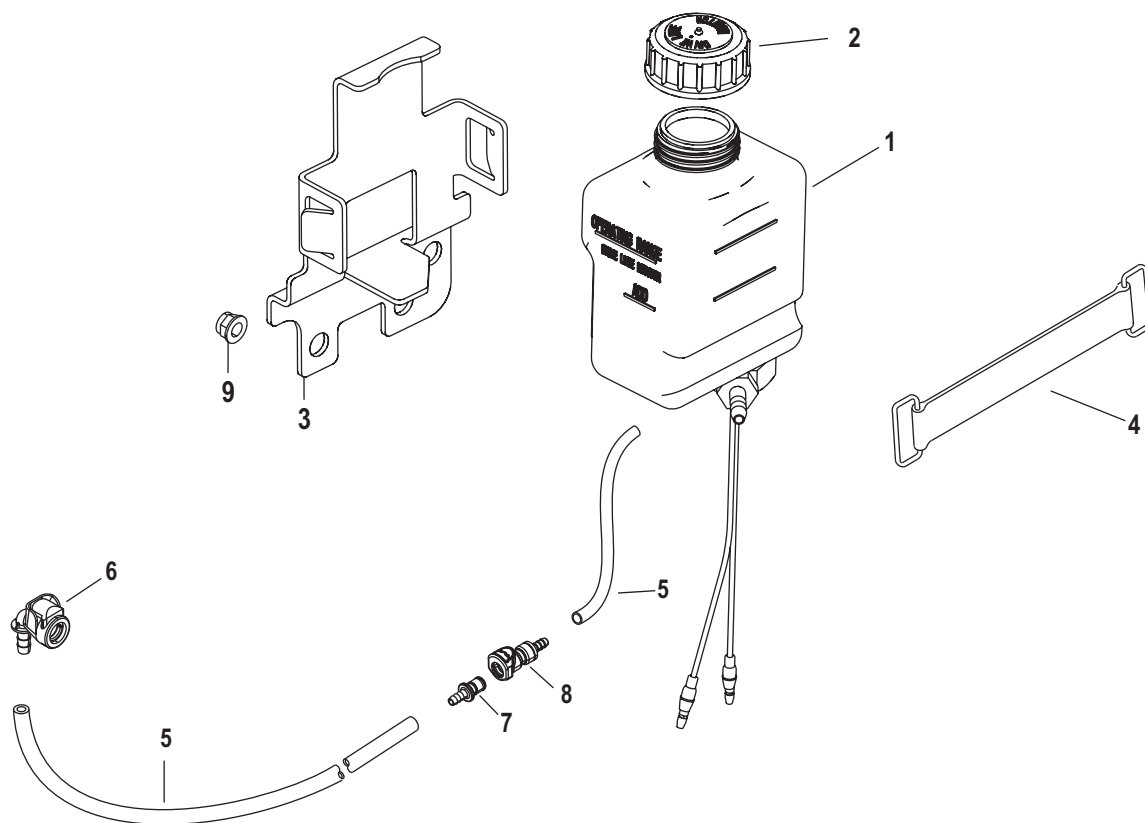
Jackshaft Main Kit (98634A20)



Jackshaft Main Kit (98634A20)

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

Drive Lube Reservoir Assembly

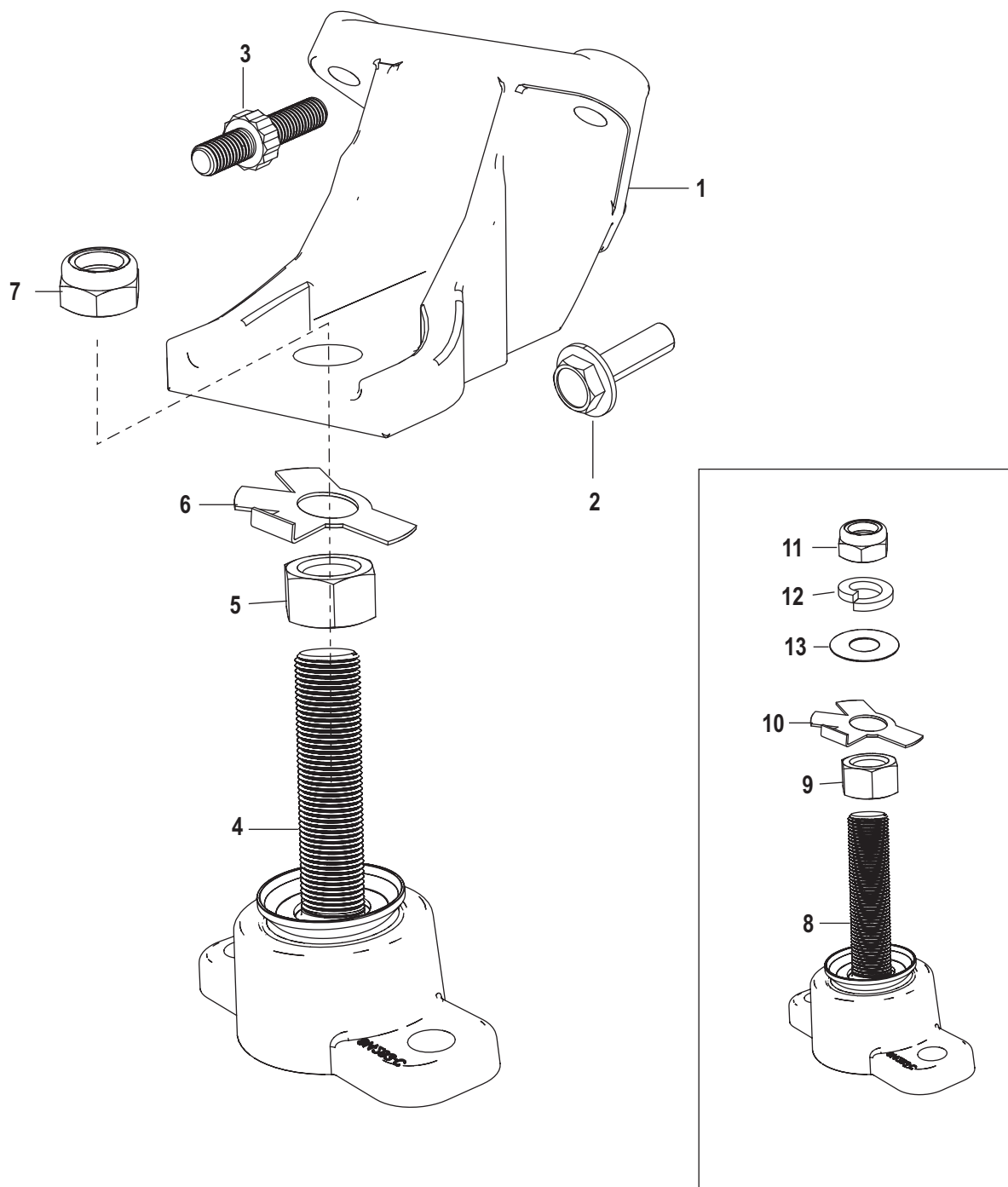


43475

Drive Lube Reservoir Assembly

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	806193A46	LUBE BOTTLE Drive Lube		1	
2	0036	8067271	CAP Drive Lube Monitor		1	
3	0000	860065A1	BRACKET KIT Oil Bottle, Drive Lube Reservoir		1	
4	0000	808023T	STRAP Bracket		1	
5	0032	1940971	HOSE (54.00 Inches Bulk)		1	
6	0022	861163	QUICK CONNECTOR (90 Degree) To Transom		1	
7	0022	865191	FITTING Male Quick Connect		1	
8	0022	865379	FITTING Female Quick Connect		1	
9	0011	826292	NUT (M10) Brass/Nickel Plated		2	

Engine Mounts



51443

Engine Mounts

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	79550A1	BRACKET Engine Mounting		2	
2	0010	865982007	SCREW (.375-16 x 1.25) Hex Flange	Port	3	
2	0010	865982007	SCREW (.375-16 x 1.25) Hex Flange	Starboard	1	
3	0016	8M2004610	STUD (3/16-16 x 2.25)	Starboard	2	
4	0000	814263A1	BASE ASSEMBLY		2	
5	0011	816331	NUT (.750-16)		2	
6	0014	12657	TAB WASHER		2	
7	0011	859126	NUT (.750-16) Jam		2	
8	0000	866708T01	BASE ASSEMBLY	(SEACORE)	2	
9	0011	866710	NUT (.750-16) Stainless Steel	(SEACORE)	2	
10	0014	12657	TAB WASHER	(SEACORE)	2	
11	0011	18304	NUT Jam	(SEACORE)	2	
12	0013	33164	LOCKWASHER Stainless (.750)	(SEACORE)	2	
13	0012	44164	WASHER	(SEACORE)	2	

Gasket Set Overhaul

Gasket Set Overhaul

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0027	8M0045578	GASKET SET Overhaul Overhaul		1	
-	0025	896699	O-RING (1.78 mm x .08 mm) Sensor Assembly		3	
-	0027	34213	GASKET Block Off Plate		1	
-	0000	845941	RETAINER Gear Thrust		1	
-	0027	811588	GASKET Rocker Cover		2	
-	0027	811546A04	GASKET KIT Cylinder Head		2	
-	0017	843931	PIN Dowel Cylinder Head Gasket Locator		4	
-	0026	842755	SEAL Valve Intake & Exhaust		16	
-	0026	811554	SEAL Oil, Flywheel		1	
-	0025	69756	O-RING (.549 x .103) Number 5 Bearing Cap Oil Hole		1	
-	0027	49110	GASKET Circulating Water Pump Mount		2	
-	0026	8219471	SEAL Oil, Front Cover Assembly		1	
-	0027	850456	GASKET Front Cover Mount		1	
-	0025	20295	QUAD RING 1.725 x .210 Crossover to Heat Exchanger		2	
-	0025	8071341	SEAL Thermostat		1	
-	0025	30529	O-RING (1.925 x .103) Crossover		2	
-	0027	891716	GASKET Heat Exchanger		1	
-	0025	8M0039163	O-RING (3/8 x 1/8) Heat Exchanger		1	
-	0000	8M0044310	SEAL Intake Manifold		4	
-	0025	841807	O-RING (3.500 x .103) Throttle Body		1	
-	0025	811553	GROMMET Intake Manifold & Cover Assembly		3	
-	0027	805403A1	GASKET SET Intake Manifold		1	
-	0027	8M2003931	GASKET Elbow to Exhaust Manifold		2	
-	0027	8M2018049	GASKET Cylinder Head to Exhaust Manifold		2	
-	0027	866390	GASKET Collector to Exhaust Manifold		2	
-	0025	62704	O-RING (.362 x .103) Dipstick Tube		1	
-	0027	845628	GASKET Oil Pan		1	
-	0025	8M2000926	SEAL Plug Assembly		3	
-	0026	862957	SEAL Oil Filter Adaptor		1	
-	0026	42077	SEAL Swivel Tube		1	

PARTS INDEX

Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
11303	WASHER	44	6	12304	PLUG Timing Window	80	22
12427T	TOOL Shift Adjust	70	12	12657	TAB WASHER	80	12
12657	TAB WASHER	86	6	12657	TAB WASHER	86	10
14358001	TUBE Exhaust Exhaust	58	5	14761	SHAFT AND RETAINER	60	5
15095	J CLIP	20	20	15878	PIN Clevis	78	21
1589431	TUBING (20.00 Inches Bulk) Cut 2 Pieces - 8.5 Inches	20	14	1589431	TUBING (20.00 Inches Bulk) Cut As Required	20	16
16419	PIN Clevis	78	22	17645	O-RING Reservoir End	76	15
18304	NUT Jam	86	11	18529	PUMP ASSEMBLY With Screws	76	13
18545A1	REPAIR KIT	76	NS	1940971	HOSE (54.00 Inches Bulk)	84	5
20295	QUAD RING 1.725 x .210 (1.725 x .210)	28	24	20295	QUAD RING 1.725 x .210 Crossover to Heat Exchanger	88	-
20553	WASHER (.406 x .734 x .063)	78	12	210711	COTTER PIN	70	3
210711	COTTER PIN	70	14	210711	COTTER PIN	70	18
21825	NUT (.250-28)	74	22	22248	WASHER (.453 x .875 x .060)	14	16
22248	WASHER (.453 x .875 x .060)	64	23	22248	WASHER (.453 x .875 x .060)	78	32
25908	WASHER (.265 x .812 x .0625)	74	20	25909	WASHER (.406 x .812 x .065)	62	21
26419	NUT (#8-32) Brass	74	12	26802	O-RING (.424 x .103)	64	6
26802	O-RING (.424 x .103)	66	12	26992	LOCKWASHER (.250) Stainless Steel	74	15
26992	LOCKWASHER (.250) Stainless Steel	74	21	26992	LOCKWASHER (.250) Stainless Steel	80	32
26996	LOCKWASHER (#10) Stainless Steel	6	6	27025	WASHER	28	7
28636	SCREW (.250-20 x .750)	68	15	28668	SCREW (.250-20 x .875) Stainless Steel	56	10
29085	FITTING Elbow (45 Degree)	16	14	29085	FITTING Elbow (45 Degree)	78	36
29245	WASHER (.281 x .500 x .060) Stainless Steel	74	26	29845	O-RING (.924 x .103)	80	15
30164	WASHER (.192 x .375 x .0312) Stainless Steel	42	9	30164	WASHER (.192 x .375 x .0312) Stainless Steel	44	24
30529	O-RING (1.925 x .103)	28	28	30529	O-RING (1.925 x .103) Crossover	88	-
31866	SPACER (.256 x .313 x .625)	48	9	31866	SPACER (.256 x .313 x .625)	48	16
32561	PLUG Pipe - Allen Head (.250-18)	16	2	328022	PLUG Pipe (.125-27) Brass	16	4
32803	PLUG Pipe (.375-18) Brass	28	34	328571	COTTER PIN	70	5
32993	LOCKWASHER (.437)	80	20	32993	LOCKWASHER (.437)	80	28
33164	LOCKWASHER Stainless (.750)	86	12	34213	GASKET	64	25
34213	GASKET Block Off Plate	88	-	34270	EXPANSION PLUG (1.625)	16	12
34353	SCREW (.375-16 x 1.00)	80	24	34931	WASHER (.406 x .734 x .063) Stainless Steel	72	15
35044	WASHER (.281 x .625 x .065) Stainless Steel	68	13	35047	SCREW (.375-16 x 1.250) Stainless Steel	62	4
35048	LOCKWASHER (.375)	62	8	35048	LOCKWASHER (.375)	74	29
35048	LOCKWASHER (.375)	80	25	35462	WASHER (.2656 x .625 x .0625) Stainless Steel	70	8
35462	WASHER (.2656 x .625 x .0625) Stainless Steel	72	14	35777	WASHER (.5156 x 1.375 x .125) Aluminum	62	13
35777	WASHER (.5156 x 1.375 x .125) Aluminum	82	46	36002	COTTER PIN	72	5
36183	RETAINER	60	6	36373	PLUG (.375-18) Hex - Steel	16	8
36373	PLUG (.375-18) Hex - Steel	16	8	36373	PLUG (.375-18) Hex - Steel	16	17
36382	FITTING (.250-18 x .62) Brass Lower Side Of Block	16	11	37612	SCREW (.375-16 x 1.250)	78	11
390721	PLUG Pipe (.125-27) Brass	16	21	40001195	SCREW (M10 x 30)	36	6
4000328	SCREW (M6 x 16)	66	13	40011155	SCREW (M8 x 55) Stainless Steel	72	16
400211	NUT (M5) Stainless Steel	6	12	400212	NUT (M6) Stainless Steel	8	8
400247	LOCKWASHER (M8)	6	10	400248	LOCKWASHER (M10)	62	7
4008612	SCREW (M4 x 12)	44	7	4009535	SCREW (M8 x 35)	52	16
4009535	SCREW (M8 x 35)	52	16	4010516	SCREW (M5 x 16) Stainless Steel	12	28
4010610	SCREW (M6 x 10) Stainless Steel	52	9	4010610	SCREW (M6 x 10) Stainless Steel Dipstick Tube to Coolant Reservoir Bracket	60	15
4010612	SCREW (M6 x 12) Stainless Steel	28	37	4010612	SCREW (M6 x 12) Stainless Steel	30	43
4010612	SCREW (M6 x 12) Stainless Steel	52	23	4010612	SCREW (M6 x 12) Stainless Steel Remote Oil Bracket to Collector	68	26
4010630	SCREW (M6 x 30) Stainless Steel	10	8	4010716	SCREW (M8 x 16)	52	18
4010716	SCREW (M8 x 16)	68	4	4010716	SCREW (M8 x 16)	70	11
4010716	SCREW (M8 x 16)	78	5	4010720	SCREW (M8 x 20) Rear Lifting Eye to Shift Bracket	14	20
4010720	SCREW (M8 x 20) Flush Mount	30	42	4010720	SCREW (M8 x 20)	36	8
4010720	SCREW (M8 x 20)	78	9	4010725	SCREW (M8 x 25)	8	6
4010730	SCREW (M8 x 30)	28	9	4010730	SCREW (M8 x 30)	28	21
4010735	SCREW (M8 x 35)	72	9	4010775	SCREW (M8 x 75)	48	11
4010820	SCREW (M10 x 20) Hex Flange - Stainless Steel Front Lifting Eye to Remote Oil	14	22	4010820	SCREW (M10 x 20) Hex Flange - Stainless Steel	66	20
4010820	SCREW (M10 x 20) Hex Flange - Stainless Steel	66	23	4010820	SCREW (M10 x 20) Hex Flange - Stainless Steel	68	6
401366	NUT (M6) Stainless Steel	68	14	41063A1	BRACKET ASSEMBLY	82	62

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41471	LOCKWASHER (.375)	58	10	41471	LOCKWASHER (.375)	58	13
41575A10	HARNESS ASSEMBLY	82	64	41575A11	HARNESS ASSEMBLY	82	64
415825	CLAMP Nylon	64	24	41802	SEAL Rubber	82	67
42077	SEAL Swivel Tube	68	18	42077	SEAL Swivel Tube	88	-
42307	WASHER Spherical	82	47	42553	J CLIP	20	13
42600A09	MERCATHODE ASSEMBLY	10	25	4285069	HOSE (44.00 Inches Bulk) To Drain	32	7
4285069	HOSE (44.00 Inches Bulk) Drain to Y-Fitting	34	6	42996	SPRING (Stainless Steel)	56	8
44164	WASHER	86	13	44348001	TUBE Exhaust	58	1
45176	WASHER (.453 x .812 x .105) Stainless Steel	10	23	45176	WASHER (.453 x .812 x .105) Stainless Steel	20	28
46335	NUT (.375-.24)	72	13	46950	COTTER PIN	78	23
47461	SCREW (.437-14 x 1.00)	14	15	47461	SCREW (.437-14 x 1.00)	28	6
47462	SCREW (.437-14 x 1.250)	64	22	47462	SCREW (.437-14 x 1.250)	78	13
47463	EXPANSION PLUG	22	40	47651	SCREW (.437-14 x 1.50)	80	3
47651	SCREW (.437-14 x 1.50)	80	19	47688	SCREW (.375-16 x 2.750)	80	24
479452	PLUG Oil Gallery	16	22	48409	SCREW (#10-16 x .625) Stainless Steel	74	18
49110	GASKET Circulating Water Pump Mount	26	7	49110	GASKET Circulating Water Pump Mount	88	-
49126	BUSHING Pilot	80	23	53167	SCREW (.312-18 x .880)	70	10
54012	WASHER (.530 x .870 x .105) Stainless Steel	62	15	54012	WASHER (.530 x .870 x .105) Stainless Steel	68	25
54676	RETAINER Two Wire	12	31	56295	STUD (.437 x 2.69) Electrical Bracket to Cylinder Head	10	21
56720	WASHER (.330 x .750 x .060) Stainless Steel	16	28	56720	WASHER (.330 x .750 x .060) Stainless Steel	26	3
56720	WASHER (.330 x .750 x .060) Stainless Steel	70	7	56766	STUD (.250-20/.250-28 x 1.380)	20	19
57053	SCREW (.500-20 x 4.500)	82	45	58491	CHANNEL Rubber (4.00 Inches)	74	31
58640	SCREW (.375-16 x 1.25)	58	9	59784	SCREW (.250-10 x 1.00)	74	25
62494	CLIP	78	30	62568	SCREW (#10-16 x .375)	10	27
62704	O-RING (.362 x .103)	60	4	62704	O-RING (.362 x .103) Dipstick Tube	88	-
62826A6	CABLE ASSEMBLY Ground (13.00 Inches) Black	62	11	629101	FITTING Elbow - 90 Degree (.125-.27)	28	15
63341	TEE NUT	70	15	64013	FITTING (.375 Male To .125 Female)	16	9
65567	WASHER (.265 x .750 x .048) Stainless Steel	12	33	65653	CLIP	28	36
65653	CLIP	52	15	68101	SCREW (.375-16 x 1.375)	80	24
68219	NUT (#10-32) Stainless Steel	10	26	68292	NUT (.312-18)	74	28
68402	PIN (.250 x 1.13) Clevis	70	16	687271	FITTING (.250-18) 90 Degree - Brass	42	8
687271	FITTING (.250-18) 90 Degree - Brass	44	20	687271	FITTING (.250-18) 90 Degree - Brass	50	11
69355	TIE STRAP (5.50 Inches)	54	4	69756	O-RING (.549 x .103) Number 5 Bearing Cap Oil Hole	24	11
69756	O-RING (.549 x .103) Number 5 Bearing Cap Oil Hole	88	-	72521	LOCKWASHER Internal Tooth	78	35
74036	FITTING Grease	62	19	74036	FITTING Grease	80	2
74036	FITTING Grease	82	42	76926	SCREW (.375-16 x .875)	82	44
78458A1	TUBE	82	61	78945	J CLAMP Harness Support	26	11
79023T10	FUSE ASSEMBLY 110 Ampere	74	19	79023T90	FUSE ASSEMBLY 90 Ampere	6	8
79091	FUSE 20 Ampere	12	29	79138A9	CABLE ASSEMBLY (6.00 Feet) Black-Negative	74	8
79139A12	CABLE ASSEMBLY Red-Positive	74	23	79147A09	HARNESS ASSEMBLY	74	5
79550A1	BRACKET Engine Mounting	86	1	79695T	BOOT Insulator (Black)	6	7
79968	SCREW (#12-11 x .750)	64	15	803852	COUPLING	76	11
805223T	SENSOR	42	15	805223T	SENSOR	44	22
8053432	SCREW (.375-16 x 4.33)	6	3	805391	SCREW (.312-18 x 4.500)	42	14
805391	SCREW (.312-18 x 4.500)	44	14	805403A1	GASKET SET	50	2
805403A1	GASKET SET Intake Manifold	88	-	805515	CAP Shrader Valve - Brass	50	23
8055571	SCREW (.3125-18 x .50)	78	31	805598	FITTING (.1875) Barb	42	7
805598	FITTING (.1875) Barb	44	19	805632	CONNECTOR	68	8
80617382	HOSE (58.00 Inches Bulk)	36	10	806193A46	LUBE BOTTLE Drive Lube	84	1
806232	O-RING (.239 x .064)	78	24	806608A02	PLUG ASSEMBLY (.500-13) Blue Housing With Drain Port Only	36	3
806608A02	PLUG ASSEMBLY (.500-13) Blue Housing With Drain Port Only	38	3	806608A02	PLUG ASSEMBLY (.500-13) Blue	64	5
806608A02	PLUG ASSEMBLY (.500-13) Blue	66	11	8067271	CAP Drive Lube Monitor	84	2
806949	NUT (M8-1.5)	6	4	806949	NUT (M8-1.5)	6	5
807130A4	PIPE Exhaust	58	6	8071341	SEAL	4	-
8071341	SEAL Thermostat	28	26	8071341	SEAL Thermostat	88	-
807166A1	SHUTTER ASSEMBLY Water	58	7	807167	GROMMET	58	8
807260A2	COVER KIT Flywheel	62	9	807296	NUT (.250-20)	62	NS
807445T	CLAMP Cooler Bracket	68	10	807757T	PULLEY ASSEMBLY Idler - Black	66	18

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808009T11	SWITCH ASSEMBLY	70	21	808023T	STRAP	82	50
808023T	STRAP Bracket	84	4	808547	O-RING	44	3
808728T	ADAPTER ASSEMBLY	76	10	809463A1	SOLENOID KIT Starter	6	2
810883	SPARK PLUG	4	-	810883	SPARK PLUG	10	14
811546A04	GASKET KIT Cylinder Head	22	41	811546A04	GASKET KIT Cylinder Head	88	-
811553	GROMMET	20	7	811553	GROMMET	50	5
811553	GROMMET Intake Manifold & Cover Assembly	88	-	811554	SEAL Oil	24	12
811554	SEAL Oil, Flywheel	88	-	811560	FLYWHEEL	24	14
811573A04	PUMP ASSEMBLY Circulating Water	26	5	811588	GASKET Rocker Cover	20	2
811588	GASKET Rocker Cover	88	-	812498A1	VALVE KIT Relief	76	NS
812499A1	VALVE KIT Relief	76	NS	812619	FUSE Yellow - 20 Ampere	74	6
814263A1	BASE ASSEMBLY Mount Assembly	80	10	814263A1	BASE ASSEMBLY	86	4
814309A1	HOUSING ASSEMBLY	80	21	815504105	CLAMP Worm Gear (11-18 mm) Hose	78	18
815504206	CLAMP Worm Gear	30	40	815504206	CLAMP Worm Gear	34	22
815504206	CLAMP Worm Gear	54	2	815504210	CLAMP Worm Gear Hose	78	19
815504212	CLAMP Worm Gear	28	13	815504212	CLAMP Worm Gear	34	8
815504212	CLAMP Worm Gear	34	19	815504212	CLAMP Worm Gear	36	18
815504216	CLAMP Worm Gear (1.56 Diameter)	32	9	815504216	CLAMP Worm Gear (1.56 Diameter)	32	11
815504216	CLAMP Worm Gear (1.56 Diameter)	34	7	815504220	CLAMP Worm Gear	34	11
815504220	CLAMP Worm Gear	36	4	815504222	CLAMP Worm Gear (1.98 Diameter)	32	2
815504222	CLAMP Worm Gear (1.98 Diameter)	34	4	815504222	CLAMP Worm Gear (1.98 Diameter)	36	5
815504222	CLAMP Worm Gear (1.98 Diameter)	82	55	815504228	CLAMP Worm Gear	32	6
815504228	CLAMP Worm Gear	34	2	815504232	CLAMP Worm Gear (2.50 Diameter)	28	30
815504232	CLAMP Worm Gear (2.50 Diameter)	34	9	815504232	CLAMP Worm Gear (2.50 Diameter)	36	17
815504272	CLAMP Worm Gear	58	2	815504272	CLAMP Worm Gear	58	4
816311T	TIE STRAP (8.00 Inches)	20	9	816331	NUT (.750-16) Jam	80	11
816331	NUT (.750-16)	86	5	816492A15	ALARM KIT	14	21
816585	SCREW (.312-18 x .875)	78	34	817416A4	HOUSING ASSEMBLY Bearing	80	33
817417T	SPACER	80	35	817505	SCREW (.250-20 x .620) Stainless Steel	70	23
817505	SCREW (.250-20 x .620) Stainless Steel	72	20	8175051	SCREW (.250-20 x .625)	26	25
8175051	SCREW (.250-20 x .625)	26	26	818718A3	COVER KIT Flywheel Inspection	80	29
818780	WASHER (.515 x 1.970 x .275) Black Oxide	26	21	81893412	SCREW (M8 x 12)	30	38
818967	GROMMET	14	9	818968	BUSHING	14	10
82104545	SCREW (M5 x45)	64	16	82130025	SCREW (M6 x 25)	10	5
82130025	SCREW (M6 x 25)	10	20	82130025	SCREW (M6 x 25)	78	4
8219471	SEAL Oil	26	14	8219471	SEAL Oil, Front Cover Assembly	88	-
823444	SCREW	76	9	824459110	SCREW (M8 x 110) Stainless Steel	8	5
826292	NUT (M10) Brass/Nickel Plated	16	13	826292	NUT (M10) Brass/Nickel Plated	84	9
826365	NUT (M8)	8	3	826365	NUT (M8)	48	4
826365	NUT (M8) Coolant Reservoir Bracket	52	24	826365	NUT (M8) Nylock	64	8
8267089	NUT (.250-28)	20	17	8267089	NUT (.250-28)	20	17
826709106	NUT (#10-32) Stainless Steel	14	14	826709109	NUT (.250-28) Stainless Steel	6	9
826709109	NUT (.250-28) Stainless Steel	20	11	826709109	NUT (.250-28) Stainless Steel	48	10
826709109	NUT (.250-28) Stainless Steel	48	19	826709109	NUT (.250-28) Stainless Steel	72	12
826709111	NUT (.312-24) Stainless Steel	48	13	82670912	NUT (.375-16) Stainless Steel	80	7
82671112	NUT (.375-16)	62	6	828054	COVER Fuse	14	19
828054	COVER Fuse	74	7	828102	BRACKET	14	8
828249	GROMMET	42	17	828249	GROMMET	44	29
830749	SEAL	4	-	830749	SEAL	4	-
830861	SCREW (#8-32 x .625)	14	26	83296910	FUSE Mini - Red - 10 Ampere	14	4
83296920	FUSE Mini - Yellow - 20 Ampere	14	4	83296920	FUSE Mini - Yellow - 20 Ampere	14	4
832969T15	FUSE Mini - Blue - 15 Ampere	14	4	834985	GROMMET	10	4
840678	SEAT Spring	20	33	840942	GUIDE Pushrod	20	22
840981	BRACKET MAP Sensor Mount Sensor	42	10	840981	BRACKET MAP Sensor Mount	44	23
841203T	COIL Ignition	10	6	841238	BUSHING	48	2
841389	SCREW (.312-18 x .620)	60	14	841807	O-RING (3.500 x .103)	44	10
841807	O-RING (3.500 x .103) Throttle Body	88	-	841897T	RING Retaining	80	18
841990	WASHER Special - Black	20	24	842250T02	COVER ASSEMBLY Cylinder Front - Black	26	12
842400	BEARING SET Main - Standard	24	7	842401	BEARING SET Main - .001 Oversize	24	7
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843004	SPROCKET Crankshaft	16	38	843129	STUD Rocker Arm Valve	22	39
843142	J CLIP	20	29	843155001	FOAM STRIP (6.500 Inches)	28	10
843349	SHIM Cam Position Sensor	26	29	843374T1	FLYWHEEL	24	14
843375	STUD (.375-16/500-12 x 5.500)	60	9	843378	PIN Dowel (.250) Bottom Of Block	16	7
843378	PIN Dowel (.250) Timing Cover	16	15	843379	PIN Dowel (.6206/.6211 x 1.20) Flywheel Housing	16	3
843931	PIN Dowel Cylinder Head Gasket Locator	22	42	843931	PIN Dowel Cylinder Head Gasket Locator	88	-
843945T	WINDAGE TRAY Oil Deflector	60	10	844367	RETAINER Ignition Cable Support	10	7
845174	PLUG (.500-14 x .610) Brass	26	6	845599	STUD (.375-16/.438-14 x 3.00)	60	8
845602	NUT (.375-16)	60	11	845607	KEY Crankshaft	24	8
845627	SCREW (.500-20 x 2.500)	26	20	845628	GASKET Oil Pan	60	12
845628	GASKET Oil Pan	88	-	845668T	PAN ASSEMBLY Oil	60	13
845753T1	CAP Oil Fill	20	12	845754	GUIDE Lifter	16	30
845756T	SHEILD Oil Intake	16	25	845757	SCREW (.437-20 x 1.00)	24	13
845941	RETAINER Gear Thrust	16	35	845941	RETAINER Gear Thrust	88	-
845943	SCREW (.250-20 x .500)	16	36	846673	WASHER (.265 x .500 x .060) Stainless Steel	20	18
846673	WASHER (.265 x .500 x .060) Stainless Steel	48	8	846673	WASHER (.265 x .500 x .060) Stainless Steel	48	18
847401	SCREW (#10-24 x .380)	42	12	847401	SCREW (#10-24 x .380)	44	25
848262	PUSH ROD (7.550)	20	30	848264	PUSH ROD (8.550)	20	30
848578	VALVE ASSEMBLY Crankcase Vent	50	4	848764	CLAMP (21 mm)	50	6
849947T01	LIFTER	16	31	849999	FITTING Tee	20	15
850456	GASKET Front Cover Mount	26	13	850456	GASKET Front Cover Mount	88	-
853678T	SENSOR TPS	44	5	854445	SENSOR MAP	42	11
854445	SENSOR MAP	44	26	85684	BEARING SET	16	33
856954	BUSHING	10	3	858087K01	20W40 FULL SYN SD/IB OIL MPP, 1 Quart	2	-
858088K01	20W40 FULL SYN SD/IB OIL MPP, 1 Gallon	2	-	858754	COVER Fuse	14	5
858807	HOSE Tee to Check Valve	54	3	858951	J CLIP	10	2
858951	J CLIP	20	10	859126	NUT (.750-16)	80	13
859126	NUT (.750-16) Jam	86	7	859135	NUT (.437-20) Brass/Nickel Plated	10	24
859318T1	TERMINATOR 10 Pin (CAN 1 and 2)	14	12	860065A1	BRACKET KIT	82	49
860065A1	BRACKET KIT Oil Bottle, Drive Lube Reservoir	84	3	86015	GASKET Flywheel Inspection Cover	80	30
861163	QUICK CONNECTOR (90 Degree) To Transom	84	6	861316	STUD (.375-16 x 2.750) Special	62	5
861405	FITTING	34	20	861406	SOCKET	34	21
861427	CAP	34	14	861523A18	COUPLER ASSEMBLY Engine - Short Steel Hub	82	60
861523A7	COUPLER ASSEMBLY Engine - Long Steel Hub	62	18	861578	PULLEY Power Steering	78	8
861680	INSULATOR	74	17	861776A2	PLATE KIT	58	11
861776A2	PLATE KIT	82	63	862039	TOLERANCE RING	66	8
862040	SEAL Lip	66	7	862232A2	IMPELLER	66	2
862235A1	DRIVESHAFT ASSEMBLY Impeller	66	5	862268T1	TUBE	82	65
862268T2	TUBE	82	66	862548A1	BRACKET KIT Floor Or Transom Mounted	74	24
862646	FUSE Tan - 5 Ampere	14	18	862863	CAP Coolant Reservoir	28	2
862870T	ADAPTER Oil Filter	68	16	862914A13	HOUSING ASSEMBLY Impeller	66	1
862914T10	PUMP KIT Sea Water Without Air Fittings	64	2	862914T10	PUMP KIT Sea Water Without Air Fittings	66	-
862914T11	PUMP KIT Sea Water With Air Fittings	64	2	862914T11	PUMP KIT Sea Water With Air Fittings	66	-
862915	STUD (.250-18/M10 Special)	16	5	862957	SEAL Oil Filter Adapter	68	17
862957	SEAL Oil Filter Adaptor	88	-	862958	FITTING Oil Filter Adapter	68	19
862993	FITTING Y, (2) 1-1/4 In. Hose Barbs / (1) 3/4 In. Hose Barb	32	5	862994T	FITTING	56	4
862999002	PLUG	44	2	863006	O-RING (10.82 x 1.78)	44	4
863007A1	STARTER MOTOR ASSEMBLY	6	1	863053T	MANIFOLD ASSEMBLY Air	64	14
8630561	HOSE (42.00 Inches Bulk) Black Air	64	9	863057	PUMP Air	64	12
863077T	ALTERNATOR ASSEMBLY Black	8	1	863129	BALL	56	2
863132	SPACER Shift Arm	72	8	863133	SPACER Actuator	72	6
8631341	LEVER Shift Arm	72	7	863151	SEAL Quad Ring	36	13
86322A15	CABLE ASSEMBLY (5.50 Inches) Black	74	9	86322A24	CABLE ASSEMBLY (4.00 Inches)	74	13
863332	NUT (.500-20) Aluminum	62	17	863393	CLAMP	42	3
863393	CLAMP	44	11	863480	SCREW (.375-16 x 1.125)	26	19
863480	SCREW (.375-16 x 1.125)	62	20	863485	FITTING	68	5
863674A04	COVER KIT Impeller Housing	66	10	863717A2	ACTUATOR ASSEMBLY Water Drain	64	1
863718	FITTING Gray - Straight	66	21	863719	FITTING Orange - Straight	66	21
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863905T	BRACKET Oil Cooler	68	21	863911A12	LEVER ASSEMBLY	70	13
864297T01	SENSOR ASSEMBLY Crankshaft Position	26	22	864361	STUD	72	10
864386	SPACER Switch	72	19	864468T	BRACKET	36	15
864616	RETAINER Shift Cable	72	3	864650A13	MODULE KIT Fuel Pump, Complete	36	1
864689	PLUG Expansion	52	2	864689	PLUG Expansion	52	6
864701	O-RING (1.112 x .103)	56	3	865047T	PULLEY Water Pump	26	4
865076	SCREW (6-32 x 1.25)	72	18	865147	SCREW (#6-32 x .750) Stainless Steel	70	22
865148	SHOULDER SCREW (.312-18 x 1.843) Stainless Steel	70	19	865152	SCREW (M6)	64	13
865152	SCREW (M6)	66	22	865154A02	STUD KIT (.250-20/.250-28 x 2.120)	70	2
865191	FITTING Male Quick Connect	84	7	865262A02	BRACKET ASSEMBLY	68	3
865262A02	BRACKET ASSEMBLY	78	3	865263001	CAP Oil Reservoir - Black	78	2
865266	FILTER	44	15	865288	FITTING Gray (90 Degree)	64	3
865289	FITTING Orange (90 Degree)	64	4	865324	QUICK CONNECT	34	15
865324	QUICK CONNECT	34	15	865324	QUICK CONNECT	82	54
865330A02	MOUNT KIT Rubber	62	2	865362	QUICK CONNECT	34	17
865362	QUICK CONNECT	82	57	865379	FITTING Female Quick Connect	84	8
865380A13	PUMP/MOTOR ASSEMBLY Trim - 12 Volt	74	2	865380A13	PUMP/MOTOR ASSEMBLY Trim - 12 Volt	76	1
865380A25	PUMP ASSEMBLY Trim - Complete	74	1	865389139	HOSE Female Quick Connect (Fittings on Both Ends)	82	51
865390015	HOSE Male Quick Connect Cylinder to Cooler	78	14	865390134	HOSE Male Quick Connect (Fittings on One End)	82	52
865393A02	STUD KIT (.250-28 x 1.90)	70	17	865412001	FITTING Stainless Steel	74	4
865412001	FITTING Stainless Steel Male Quick Connect	76	7	865413002	FITTING Stainless Steel	74	3
865413002	FITTING Stainless Steel Female Quick Connect	76	5	865414001	FITTING	78	27
865414001	FITTING PS Pressure	82	59	865415	FITTING	78	26
865415	FITTING PS Return	82	58	865434A02	RETAINER KIT Shift Cable	70	4
865448A01	CAP Oil Reservoir	76	17	865470	HOUSING Inlet	82	53
865597T	TENSIONER Belt	66	17	865655	SCREW (.250-20 x .500)	74	11
865657A04	HOUSING ASSEMBLY Flywheel	62	1	865672079	HOSE (96.00 Inches Bulk)	34	1
865672079	HOSE (96.00 Inches Bulk)	34	16	865677T01	HARNESS ASSEMBLY Transom Harness	14	24
865710T	PUMP ASSEMBLY .75 Shaft Diameter Power Steering	78	7	865717	HOSE Reservoir to Cooler	78	17
865774T01	HARNESS ASSEMBLY Trim Pump	14	23	865777	PULLEY Idler, Non-Grooved	66	19
865827T	BREAKER Circuit - 50 Ampere	14	13	865982005	SCREW (.375-16 x 1.00) Alternator Bracket	8	10
865982007	SCREW (.375-16 x 1.25) Hex Flange	64	11	865982007	SCREW (.375-16 x 1.25) Hex Flange	86	2
865982007	SCREW (.375-16 x 1.25) Hex Flange	86	2	865982011	SCREW (3/8-16 x 1.75)	26	9
866114	SCREW (.250-28) Special	36	14	866114	SCREW (.250-28) Special	38	33
866169T01	PUMP ASSEMBLY Fuel High Pressure	38	15	866170A01	PUMP ASSEMBLY Fuel - Low Pressure	38	11
866171A01	FILTER	38	28	866200A01	CYLINDER ASSEMBLY Power Steering	78	20
866340K01	FILTER Oil - Mercury Brand	2	-	866340K01	FILTER Oil - Mercury Brand	4	-
866340K01	FILTER Oil - Mercury Brand	4	-	866340K01	FILTER Oil - Mercury Brand	68	2
866340Q03	FILTER Oil - Quicksilver Brand	2	-	866340Q03	FILTER Oil - Quicksilver Brand	68	2
866390	GASKET Collector, Exhaust	52	5	866390	GASKET Collector to Exhaust Manifold	88	-
866391T02	COLLECTOR Exhaust	52	4	866656	SCREW (.312-24 x .750) Stainless Steel	26	2
866708T01	BASE ASSEMBLY	86	8	866710	NUT (.750-16) Stainless Steel	86	9
866725	FITTING Straight (.750-14)	56	11	866775	RING Retention Catalyst	52	20
86885	SCREW (.250-20 x 1.500) Stainless Steel	62	10	878187	SENSOR ASSEMBLY Knock	18	42
879150A09	SEAL KIT	50	13	879150A09	SEAL KIT	50	18
879172T78	PULLEY	66	16	879194433	OPERATION MANUAL	2	-
879194A03	GIMBAL BEARING KIT	80	17	879194T46	SHIFT ACTUATOR	72	1
879288A12	ELBOW KIT Intermediate, No Rise	58	3	879288A13	ELBOW KIT Intermediate, 2 Inch Rise	58	3
879288A14	ELBOW KIT Intermediate, 4 Inch Rise	58	3	879288A15	ELBOW KIT Intermediate, 6 Inch Rise	58	3
879288A16	ELBOW KIT Intermediate, 8 Inch Rise	58	3	879288T47	CATALYST	52	19
879288T59	VALVE Poppet Assembly	56	1	879288T79	ELBOW Exhaust No Rise	52	21
879288T80	ELBOW Exhaust No Rise	52	21	879288T81	RISER KIT Exhaust - 2 Inch Rise (Contains 2 Elbows and Manifold to Elbow Hose)	52	21
879288T82	RISER KIT Exhaust - 4 Inch Rise (Contains 2 Elbows and Manifold to Elbow Hose)	52	21	879288T83	RISER KIT Exhaust - 6 Inch Rise (Contains 2 Elbows and Manifold to Elbow Hose)	52	21
879288T84	RISER KIT Exhaust - 8 Inch Rise (Contains 2 Elbows and Manifold to Elbow Hose)	52	21	879962	CLIP	14	6
881784007	PARTS MANUAL 8.2 Mag / 8.2 Mag HO EC	2	-	881879010	SENSOR	78	28
881879T11	SENSOR Pressure (0 - 100 PSI)	16	10	882751A1	RELAY ASSEMBLY	14	7

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883167	SCREW (#8-32)	76	4	88517	FITTING Reducing	38	31
885192	O-RING	26	23	885342002	SENSOR ASSEMBLY Water Temperature	10	10
885342002	SENSOR ASSEMBLY 885342002	10	10	885342002	SENSOR ASSEMBLY Water Temperature	28	11
885342002	SENSOR ASSEMBLY	52	13	88552516	SCREW (M6 x 16 MM) Stainless Steel	48	5
88552516	SCREW (M6 x 16 MM) Stainless Steel Fuel Rail to Intake Manifold	50	24	88552520	SCREW (M6 x 20 MM) Stainless Steel	44	13
88552550	SCREW (M6 x 50 MM) Stainless Steel	42	2	88552560	SCREW (M6 x60)	10	9
88552585	SCREW (M6 x 85 MM) Stainless Steel	44	8	88552630	SCREW (M8 x 30)	66	15
888416T04	HARNESS ASSEMBLY DTS, Clean Power, 15 Feet	14	17	889514A01	SWITCH	72	17
889664	NUT (1.500-18) Black Nylon	10	16	891716	GASKET	28	17
891716	GASKET Heat Exchanger	88	-	891717	COVER	28	19
891736T	MOTOR ASSEMBLY Complete	76	2	891737	BRUSH KIT	76	NS
891868	O-RING	76	6	891868	O-RING	76	8
892608	BOARD ASSEMBLY Circuit - Radio Frequency Interference Filter	76	3	892665	FILTER Fuel	38	23
892670A01	CHECK VALVE KIT	38	5	892677	COVER Fuel Module Housing	38	9
892681	REGULATOR	38	10	892683	SEAL	38	32
892684	SCREW	38	4	892687A02	CARTRIDGE ASSEMBLY Fuel Filter	38	24
89496	FILTER	76	14	89498	O-RING Motor End	76	12
896699	O-RING (1.78 mm x .08 mm)	10	11	896699	O-RING (1.78 mm x .08 mm)	28	12
896699	O-RING (1.78 mm x .08 mm)	52	14	896699	O-RING (1.78 mm x .08 mm) Sensor Assembly	88	-
89879	O-RING (.301 x .064)	78	25	898832	NUT (.500-20)	82	48
899145	CLIP Tie Strap	12	32	899145	CLIP Tie Strap	14	25
89919	BOOT Insulator - Black	14	11	899329A09	CABLE SET High Tension-Set of Eight	10	13
899852T	SPROCKET Camshaft	16	39	8M0000463	SCREW (.438-14 x 2.060) Black Oxide	20	23
8M0000467	SCREW (.438-14 x 5.060) Black Oxide	20	3	8M0000482	SCREW (.438-14 x 4.060) Black Oxide	20	3
8M0007824	SHIM Crankshaft Position Sensor	26	24	8M0011986	SENSOR ASSEMBLY Cam Position	26	27
8M0022331	SCREW Ratchet	44	21	8M0025386	PUMP ASSEMBLY Oil	60	7
8M0030216	BEARING SET Connecting Rod - .001 Undersize	24	6	8M0030217	BEARING SET Connecting Rod - Standard	24	6
8M0030218	BEARING SET Connecting Rod - .001 Oversize	24	6	8M0030982	BEARING SET Connecting Rod - .010 Undersize	24	6
8M0034453	STUD (7/16 x 2.19) Electrical Bracket to Cylinder Head	10	22	8M0034675	DECAL Base	28	3
8M0039163	O-RING (3/8 x 1/8)	28	18	8M0039163	O-RING (3/8 x 1/8) Heat Exchanger	88	-
8M0041978	BOLT	24	5	8M0042521	HOSE PCV Valve to Plenum	50	7
8M0042528	BUSHING	48	3	8M0042576	KEY Valve Stem	20	36
8M0042978	SPRING Valve	20	34	8M0043100	SCREW (7/16-14 x 5.0) Crossover Port	28	31
8M0043101	SCREW (7/16-14 X 3.5) Lower Crossover	28	33	8M0043109	PIN Dowel	16	34
8M0043145	BRACKET Wire Harness	50	10	8M0043175	RETAINER Valve Spring	20	35
8M0043537	NUT Rocker	20	26	8M0043740	ROLLER ASSEMBLY Throttle	48	12
8M0043925	SCREW (.312-18 x 1.0) Oil Pump Driver to Block	16	27	8M0043993	SCREW (.312-18 x.75) Camshaft Spocket to Camshaft	18	41
8M0044026	SCREW (.250-20 x 1.25)	26	15	8M0044047	SCREW (.312-18 x .62) Lifter Guide Retainer to Block	16	23
8M0044048	VALVE ASSEMBLY Pressure Relief	16	6	8M0044205	LEVER ASSEMBLY Throttle	48	1
8M0044310	SEAL Intake Manifold	42	6	8M0044310	SEAL	44	18
8M0044310	SEAL Intake Manifold	50	3	8M0044310	SEAL Intake Manifold	88	-
8M0044324	PLUG (1/4 Inch) Pipe	16	16	8M0044601	O-RING	20	6
8M0044724	HOSE Balance	50	25	8M0044726	VALVE ASSEMBLY	50	22
8M0044743	FUEL RAIL Port	50	20	8M0044754	FUEL RAIL Starboard	50	21
8M0045089	ECM Engine Control Module	10	1	8M0045090	ECM Engine Control Module	10	1
8M0045093	ECM Engine Control Module	10	1	8M0045094	ECM Engine Control Module	10	1
8M0045143	STUD Special (2.23 Inches)	48	17	8M0045150	STUD Special (2.535 Inches)	48	15
8M0045152	STUD Special (1.925 Inches) Throttle Cable	48	7	8M0045155	SPACER (0.26 x 0.50 x 0.24)	48	20
8M0045227	BELT Serpentine Serpentine	4	-	8M0045227	BELT Serpentine	8	9
8M0045227	BELT Serpentine	26	1	8M0045229	RESERVOIR ASSEMBLY Coolant	28	1
8M0045230	HEAT EXCHANGER	28	16	8M0045231	BRACKET Reservoir	28	4
8M0045236	CROSSOVER	28	32	8M0045237	PLENUM ASSEMBLY	42	5
8M0045238	FLAME ARRESTOR	42	4	8M0045238	FLAME ARRESTOR	44	16
8M0045239	PLENUM ASSEMBLY	44	17	8M0045241	THROTTLE BODY ASSEMBLY	44	1
8M0045249	BRACKET Shift Bracket Mount	70	20	8M0045249	BRACKET Shift Plate	72	2
8M0045250	BRACKET Power Steering Pump	78	10	8M0045251	BRACKET Alternator	8	4
8M0045252	HARNESS ASSEMBLY	14	3	8M0045253	HARNESS ASSEMBLY	14	3

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8M0045256	MANIFOLD ASSEMBLY Intake	50	1	8M0045258	MANIFOLD ASSEMBLY Exhaust	52	1
8M0045267	RETAINER KIT Design-I or II	50	14	8M0045287	DRIVE Oil Pump	16	26
8M0045288	CRANKSHAFT ASSEMBLY	24	9	8M0045293	DIPSTICK Oil Level	60	1
8M0045295	BRACKET Seawater Pump	64	10	8M0045300	BRACKET Remote Oil	68	22
8M0045344	Longblock ASSEMBLY	2	-	8M0045344	Longblock ASSEMBLY	16	-
8M0045363	HOSE ASSEMBLY 3 Bib Orifice Meter	34	12	8M0045363	HOSE ASSEMBLY 3 Bib Orifice Meter	36	19
8M0045436	DECAL SET 8.2L Base	2	-	8M0045436	DECAL SET 8.2L Base	42	13
8M0045436	DECAL SET 8.2L Base	44	27	8M0045437	DECAL SET 8.2L High Output	2	-
8M0045437	DECAL SET 8.2L High Output	42	13	8M0045437	DECAL SET 8.2L High Output	44	27
8M0045438	DECAL SET 8.2L Base (SeaCore)	2	-	8M0045438	DECAL SET 8.2L Base (SeaCore)	42	13
8M0045438	DECAL SET 8.2L Base (SeaCore)	44	27	8M0045439	DECAL SET 8.2L High Output (SeaCore)	2	-
8M0045439	DECAL SET 8.2L High Output (SeaCore)	42	13	8M0045439	DECAL SET 8.2L High Output (SeaCore)	44	27
8M0045440	DECAL SET 8.2L High Output (MIE)	42	13	8M0045441	DECAL SET 8.2L Base (MIE)	42	13
8M0045575	DECAL SET 8.2L High Output	2	-	8M0045575	DECAL SET 8.2L High Output	28	8
8M0045576	FITTING Drain	56	5	8M0045577	DECAL SET 8.2L Base	2	-
8M0045577	DECAL SET 8.2L Base	28	8	8M0045578	GASKET SET Overhaul	2	-
8M0045578	GASKET SET Overhaul Overhaul	88	-	8M0045580	DECAL SET 8.2L Base (MIE)	28	8
8M0045696	COOLER Oil	68	20	8M0045697	VALVE ASSEMBLY Poppet	56	1
8M0045725	SHIFT ACTUATOR ASSEMBLY Complete	72	-	8M0045733	BRACKET Electrical	10	15
8M0045749	TUBE Oil Fill	20	5	8M0045762	ROCKER ARM ASSEMBLY	20	25
8M0045765	ADAPTER Flame Arrestor	44	9	8M0045766	ADAPTER Flame Arrestor	44	9
8M0045793	HARNES Hot Stud	10	19	8M0045797	VALVE ASSEMBLY Idle Air	44	12
8M0045986	BELT Serpentine	8	9	8M0045986	BELT Serpentine	26	1
8M0045987	CHAIN Timing	16	37	8M0045990	THERMOSTAT	4	-
8M0045990	THERMOSTAT	28	27	8M0046080	RESERVOIR ASSEMBLY Oil, Power Steering	78	1
8M0046149	LINE Fuel Fuel Module to Fuel Rail	36	11	8M0046157	BRACKET Air Pump	64	19
8M0046187	HOSE Pump to Reservoir	78	15	8M0046188	HOSE Pump to Cylinder	78	16
8M0046222	PISTON ASSEMBLY (.030 Oversize)	24	1	8M0046223	PISTON ASSEMBLY (.060 Oversize)	24	1
8M0046228	RING SET Piston, .030 Oversize	24	3	8M0046229	RING SET Piston, .060 Oversize	24	3
8M0046250	THROTTLE/SHIFT KIT Two Station	48	14	8M0046324	VALVE Intake	22	37
8M0046325	VALVE Exhaust	22	38	8M0046343	CAMSHAFT	16	32
8M0046344	CYLINDER HEAD ASSEMBLY	20	31	8M0046395	SCREW (.375-16 x 1.75)	50	9
8M0046459	BRACKET Throttle Lever	48	6	8M0046460	THROTTLE BODY ASSEMBLY	42	1
8M0046521	PISTON ASSEMBLY Standard	24	1	8M0046522	RING SET Piston, Standard	24	3
8M0046566	CAP Service Point	50	27	8M0046566	CAP Service Point	64	17
8M0046568	CLAMP (20.5 mm)	50	26	8M0047215	MODULE KIT Fuel Pump, Complete With Drain Port	36	1
8M0047215	MODULE KIT Fuel Pump, Complete	38	-	8M0047215	MODULE KIT Fuel Pump, Complete With Drain Port	38	-
8M0047216	HOUSING Fuel Module With Drain Port	38	1	8M0047448	TUBING (.312) (70 Inches Bulk)	54	11
8M0048407	OPERATION MANUAL	2	-	8M0050018	DRIVESHAFT ASSEMBLY KIT	66	-
8M0050100	CLIP Fuel Injector, Secondary, Design-II	50	15	8M0050294	CABLE TIE Design-II	50	16
8M0050598	BRACKET Reservoir	28	5	8M0050760	WHEEL Sensor Target	16	40
8M0050807	RETAINER Lifter Guide	16	24	8M0054001	RESERVOIR Vent Valve	54	9
8M0054051	GROMMET Vent Valve	54	7	8M0054057	STRAP Reservoir	54	8
8M0054483	DECAL SET 8.2L EC Base	2	-	8M0054483	DECAL SET 8.2L EC Base	42	13
8M0054483	DECAL SET 8.2L EC Base	44	27	8M0054484	DECAL SET 8.2L EC High Output	2	-
8M0054484	DECAL SET 8.2L EC High Output	42	13	8M0054484	DECAL SET 8.2L EC High Output	44	27
8M0054485	DECAL SET 8.2L EC Base (SeaCore)	2	-	8M0054485	DECAL SET 8.2L EC Base (SeaCore)	42	13
8M0054485	DECAL SET 8.2L EC Base (SeaCore)	44	27	8M0054486	DECAL SET 8.2L EC High Output (SeaCore)	2	-
8M0054486	DECAL SET 8.2L EC High Output (SeaCore)	42	13	8M0054486	DECAL SET 8.2L EC High Output (SeaCore)	44	27
8M0054487	DECAL SET 8.2L EC Base (MIE)	42	13	8M0054488	DECAL SET 8.2L EC High Output (MIE)	42	13
8M0054663	VENT VALVE KIT Exhaust Elbow	54	-	8M0055149	OPERATION MANUAL	2	-
8M0055652	TERMINATOR ASSEMBLY 10 Pin (CAN P and H)	14	12	8M0056175	HARNES ASSEMBLY	38	20
8M0056663	DECAL Silencer	42	20	8M0056663	DECAL Silencer	44	32
8M0056844	CHECK VALVE Duckbill	54	10	8M0058196	OPERATION MANUAL 8.2L Mag EC	2	-
8M0059260	PCM Propulsion Control Module	10	1	8M0059261	PCM Propulsion Control Module	10	1
8M0059262	PCM Propulsion Control Module	10	1	8M0059263	PCM Propulsion Control Module	10	1
8M0062601	HOSE (40.00 inch Bulk) Grey	64	21	8M0062605	HOSE (40.00 inch Bulk) Green	64	20
8M0062666	HOSE (96.00 Inches Bulk)	82	56	8M0063432	Silencer Kit	42	-

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8M0070932	BRACKET	42	18	8M0070932	BRACKET	44	30
8M0081452	FUEL RAIL Starboard,Includes Injector Clips	50	21	8M0081453	FUEL RAIL Port,Includes Injector Clips	50	20
8M0082332	INJECTOR KIT Fuel Design-I or II	50	12	8M0082333	INJECTOR KIT Fuel Design-III	50	17
8M0093688	FILTER Fuel	4	-	8M0093688	FILTER Fuel	4	-
8M0095815	HEAT EXCHANGER	28	16	8M0099001	GASKET Cylinder Head	22	41
8M0099429	VALVE ASSEMBLY Crankcase Vent	4	-	8M0137219	IMPELLER KIT Heavy Duty	4	-
8M0140187	DAMPER	26	16	8M0147053	MAINTENANCE KIT 5.0L/5.7L/377 MAG/8.2L Bravo (100 Hours)	4	-
8M0147071	MAINTENANCE KIT 8.2L MPI Bravo (300 Hours)	4	-	8M2000004	BRACKET Flush Mount	28	35
8M2000926	SEAL Plug Assembly	88	-	8M2001570	CLIP Design-III	50	19
8M2001645	SEAL Oil	66	4	8M2001671	GROMMET	42	16
8M2001671	GROMMET	44	28	8M2001894	SHIELD Fuel Line	36	16
8M2003931	GASKET (Elbow 0 rise includes 1 gasket each)	52	22	8M2003931	GASKET Elbow to Exhaust Manifold	88	-
8M2003959	SENSOR Oxygen	10	12	8M2003959	SENSOR Oxygen	52	7
8M2003966	SCREW (M8) Hex Flange	52	12	8M2004289	COVER Oxygen Sensor	52	8
8M2004610	STUD (3/16-16 x 2.25)	86	3	8M2007278	HOSE To Drain Housing	32	8
8M2007500	DECAL Emission Control	2	-	8M2007500	DECAL Emission Control	42	-
8M2010186	POPPET	56	6	8M2010475	GASKET Poppet Cover	56	7
8M2010476	FITTING (3/8-18)	36	2	8M2010476	FITTING (3/8-18)	38	2
8M2011728	FITTING Straight (3/4 x 0.5)	56	12	8M2012906	HOSE (45 Inches Bulk)	32	12
8M2012906	HOSE (45 Inches Bulk)	34	23	8M2012906	HOSE (45 Inches Bulk) Tee to Elbow	54	6
8M2013566	PULLEY	26	17	8M2014176	PLATE Wear	66	14
8M2015913	PLUG (.250-28 x .320)	80	2	8M2016321	FITTING Straight (3/4 x 0.5)	56	13
8M2017130	HOSE Heat Exchanger to Poppet	32	10	8M2017131	BRACKET Lifting, Rear	14	2
8M2017132	HOSE Water Drain to Heat Exchanger	32	1	8M2017215	BRACKET Lifting, Front	14	1
8M2017248	BRACKET Alternator	8	2	8M2017251	BRACKET Support, Fuel Module	36	7
8M2017358	HOSE Sea Water Pump to Fitting	34	3	8M2017359	HOSE Power Steering Cooler to Oil Cooler	32	3
8M2017380	SCREW (.4375-14 x 5.5)	8	7	8M2017380	SCREW (.4375-14 x 5.5)	28	22
8M2017402	HOSE Oil, Cooler to Adaptor	68	7	8M2017405	LINE Oil, Filter Base to Block	68	11
8M2017485	LINE Oil, Filter to Cooler	68	12	8M2017497	HOSE To Oil Cooler	32	4
8M2017579	SCREW (.375-16 x 5.25) Intake Manifold to Head	50	8	8M2017590	SCREW (.375-16 x 1.75) Exhaust Manifold to Cylinder Head	52	10
8M2017591	SCREW (.375-16 x 3.0) Exhaust Manifold to Cylinder Head	52	11	8M2017664	HOSE Coolant Bleed	30	39
8M2017665	HOSE Reservoir to Circulating Pump	28	14	8M2017668	SCREW (7/16-14 x 1.00)	36	9
8M2017792	STUD Hot (3/8-16)	10	17	8M2017891	DECAL Engine Coolant	2	-
8M2017892	DECAL Power Steering Fluid	2	-	8M2017892	DECAL Power Steering Fluid	78	29
8M2017894	DECAL Flush Port	2	-	8M2017900	STUD (M8) Coolant Reservoir Bracket	52	17
8M2017982	PLATE Heat Exchanger	28	25	8M2017984	PLATE Heat Exchanger	28	23
8M2017990	SCREW (M8 x 1.25)	30	38	8M2017990	SCREW (M8 x 1.25)	30	38
8M2018049	GASKET Cylinder Head to Exhaust Manifold	52	3	8M2018049	GASKET Cylinder Head to Exhaust Manifold	88	-
8M2018248	FITTING Water Pump	26	8	8M2018570	LABEL Circuit Breaker	2	-
8M2018644	STUD Special Reservoir Bracket to Valve Cover Stud	20	21	8M2018755	BRACKET Oil Cooler, Intermediate	68	23
8M2018756	HOSE Heat Exchanger to Poppet	34	10	8M2018769	TUBE ASSEMBLY Dipstick	60	3
8M2018790	FILTER Pump Suction	38	17	8M2018792	CLIP	38	18
8M2018801	HOSE Water Orifice to Power Steering Cooler	34	5	8M2019142	INSULATOR Hot Stud	10	18
8M2019251	SCREW (.500-13 x 1.00) Oil Cooler to Block	68	24	8M2019704	HOSE Crossover to Circulating Pump	28	29
8M2019902	HOSE (42 Inches) Water	34	13	8M2020585	BRACKET Flush Mount	30	41
8M2021987	O-RING Formed	66	3	8M4501756	FITTING	34	18
8M6500018	TEE Reducer (0.5 x 0.5 0.313)	54	1	8M6500019	CHECK VALVE	54	5
8M8020473	CAP Thermostat	56	9	90285	SCREW (.312-18 x .625)	74	27
92850	CLAMP Harness Support	62	16	92913	SCREW (.437-14 x .750)	80	27
93190	FITTING (.375 NPTF x .50 Inverted Flare)	68	9	93906A2	SHAFT Output	80	14
93911A4	HOUSING ASSEMBLY Shaft Extension Support	80	1	93914	RING Retaining	82	37
93915	RING Retaining	82	38	93918A1	SHIELD Lower	80	4
93918A1	SHIELD Lower	82	43	93919A1	SHIELD Upper	80	6
939201	PLATE Cover	80	26	93921	EXPANSION PLUG	82	41
93923A1	MOUNT ASSEMBLY Flywheel Housing	80	9	93924	SEAL Oil	82	39
93944A2	BEARING SET Ball	80	34	93944A2	BEARING SET Ball	80	36

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Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
94104	RING Retaining	80	16	94140	EXPANSION PLUG	16	29
94275	LINK Connector	74	14	94330	NUT (.250-20) Brass	74	16
95084A10	CABLE ASSEMBLY (5.00 Inches) Red	12	30	95084A9	CABLE ASSEMBLY (91.00 Inches) Red/Purple Strip	12	30
95353A1	VALVE KIT Thermal Relief	76	NS	95820	STUD Rocker Arm Valve	22	39
96112	STUD (.250-28 x 2.00) Throttle Cable Anchor	72	11	96158T	SOLENOID	74	10
96995	SCREW (.375-16 x .880)	80	5	96995	SCREW (.375-16 x .880)	80	8
97850T	ELBOW 90 Degree Breather	20	8	97934	SCREW (.500-20 x 5.370) Special	62	12
98253	SCREW (.250-20 x .500)	80	31	98257	SCREW (.312-18 x .500) Dipstick Tube to Block, Bottom	60	2
98260	SCREW (.375-16 x .620)	64	18	98260	SCREW (.375-16 x .620)	74	30
98261	SCREW (.375-16 x .750)	28	20	98634A20	EXTENSION KIT Jackshaft Kit	80	-
98794	SCREW (.375-16 x 1.00)	58	12	98828	SPACER	70	9
98828	SPACER	72	4	98880	SPRING	70	6
99204	SCREW (.437-14 x 1.00) Stainless Steel	20	27	99299	SPACER (.520 x .870 x .630)	62	14
99322	SPACER	62	3	NSS	NOT SOLD SEPARATE Screw	6	11
NSS	NOT SOLD SEPARATE BLOCK	16	1	NSS	NOT SOLD SEPARATE PISTON PIN	24	2
NSS	NOT SOLD SEPARATE PIN, Dowel	24	10	NSS	NOT SOLD SEPARATE O-Ring	26	28
NSS	NOT SOLD SEPARATE INSULATOR SLEEVE	36	12	NSS	NOT SOLD SEPARATE Check Valve	38	6
NSS	NOT SOLD SEPARATE Plug	38	7	NSS	NOT SOLD SEPARATE Seal	38	8
NSS	NOT SOLD SEPARATE Seal	38	12	NSS	NOT SOLD SEPARATE Seal	38	13
NSS	NOT SOLD SEPARATE Isolator, Lift Pump	38	14	NSS	NOT SOLD SEPARATE Isolator	38	16
NSS	NOT SOLD SEPARATE Seal	38	19	NSS	NOT SOLD SEPARATE Retainer	38	21
NSS	NOT SOLD SEPARATE Screw	38	22	NSS	NOT SOLD SEPARATE Cap, Fuel Filter Cartridge	38	25
NSS	NOT SOLD SEPARATE Screw	38	26	NSS	NOT SOLD SEPARATE Seal	38	27
NSS	NOT SOLD SEPARATE Seal	38	29	NSS	NOT SOLD SEPARATE Cup, Fuel Filter Cartridge	38	30
NSS	NOT SOLD SEPARATE SPACER	66	6	NSS	NOT SOLD SEPARATE SNAP RING	66	9
NSS	NOT SOLD SEPARATE Input Shaft	82	40				