

Parts Manual

Cat.# 90-8M0052111

Revised 09-10-2020

TABLE OF CONTENTS

Cat.# 90-8M0052111

Service and Support Material.....	1
Starter Motor.....	5
Alternator and Brackets.....	7
Gear Lube Monitor.....	9
Harness, Lifting Brackets and Mercathode.....	11
PCM and Electrical Components.....	13
Distributor and Ignition Components.....	17
Fuel Pump And Fuel Cooler.....	19
Fuel Filter.....	21
Throttle Body.....	23
Intake Manifold and Fuel Rail.....	25
Cylinder Head and Rocker Cover.....	27
Front Cover and Circulating Pump.....	31
Cylinder Block Camshaft, Crankshaft and Balanceshaft.....	35
Pistons and Connecting Rods.....	39
Oil Pan Oil Pump and Rear Oil Seal.....	41
Remote Oil Filter.....	45
Flywheel Coupler and Flywheel Housing.....	47
Exhaust Manifold and Elbow.....	49
Thermostat and Housing Standard Cooling.....	51
Thermostat and Housing Closed Cooling.....	53
Standard Cooling Alpha Single Pt (With Handle) / Bravo 3 Pt.....	55
Standard Cooling Alpha Single Point (With Drain Plug).....	57
Standard Cooling System (Bravo) Sea Pump Hoses.....	61
Closed Cooling System Hoses.....	63
Closed Cooling System (Alpha / Bravo) Sea Pump Hoses.....	67
Poppet Valve Assembly Closed Cooling.....	69
Closed Cooling System Heat Exchanger.....	71
Water Distribution Housing.....	73
Water Drain Air Manifold and Pump.....	75
Sea Water Pump Assembly.....	77
Steering Components.....	79
Exhaust System Components.....	81
Shift Bracket Alpha.....	83
Shift Bracket Bravo.....	85
Trim Pump Assembly.....	87
Trim Pump and Motor Components.....	89
Engine Mounts.....	91

TABLE OF CONTENTS

Jackshaft Main Kit (98634A20).....	93
Gasket Set Components (27-807756A02) Engine Overhaul.....	97

Service and Support Material

Service and Support Material

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0090	8M0052111	PARTS MANUAL 4.3L MPI Alpha/Bravo EC		1	
-	0090	879194489	OPERATION MANUAL 4.3L EC	[1A648622] & Below	1	
-	0090	8M0058192	OPERATION MANUAL 4.3/5.0 MPI EC	[1A648623] THRU [2A054617]	1	
-	0090	8M0074350	OPERATION MANUAL 4.3/5.0L MPI ECT	[2A054618] THRU [2A190298]	1	
-	0090	8M0086933	OPERATION MANUAL 4.3/5.0L MPI ECT	[2A190299] THRU [2A446466]	1	
-	0090	8M0099724	OPERATION MANUAL 4.3/5.0L MPI ECT	[2A446467] THRU [2A457709]	1	
-	0090	8M0104853	OPERATION MANUAL 4.3 MPI EC	[2A457710] & Up	1	
-		8M0104854	INSTALLATION MANUAL 4.3L MPI EC	[2A457710] & Up	1	
-	0037	8M0053016	DECAL Center 4.3L EC		1	
-	0037	8M0053017	DECAL Center 4.3L EC (SeaCore)		1	
-	0037	8M0043702	DECAL M-Icon, 53mm Black		1	
-	0037	8M2019147	DECAL 4.3L MPI Spec		1	
-	0037	8M2020436	DECAL Belt Routing, Alpha		1	
-	0037	8M2020437	DECAL Belt Routing, Bravo		1	
-	0037	8M2019150	DECAL Water Drain Caution, Alpha		1	
-	0037	865605	DECAL Power Steering Fluid, Color Code		1	
-	0037	805491	DECAL Coolant Color Code		1	
-	0037	8M2017894	DECAL Flush Port		1	
-	0037	863355	DECAL Caution		1	
-	0037	865180	DECAL Water Drain, Air Actuated		1	
-	0037	8M0104386	DECAL 180, Silver		1	
-	0035	866340Q03	FILTER Oil - Quicksilver Brand		1	[1]
-	0035	866340K01	FILTER Oil - Mercury Brand		1	[1]
-	0000	879150A31	LONG BLOCK		1	[2]
-	0092	858088K01	20W40 FULL SYN SD/IB OIL MPP, 1 Gallon		1	[3]
-	0092	858087K01	20W40 FULL SYN SD/IB OIL MPP, 1 Quart		1	[4]

PART NOTES:

- [1] - Alternate part numbers:
- 866340K01MPP
 - 866340Q02Service Part
 - 866340Q03QS
- [2] - Alternate part numbers:
- 879150A31QS
 - 879150R31Reman
 - 8M0150280Reman

Service and Support Material

Service and Support Material

[3] - Alternate part numbers:

858088K01MPP

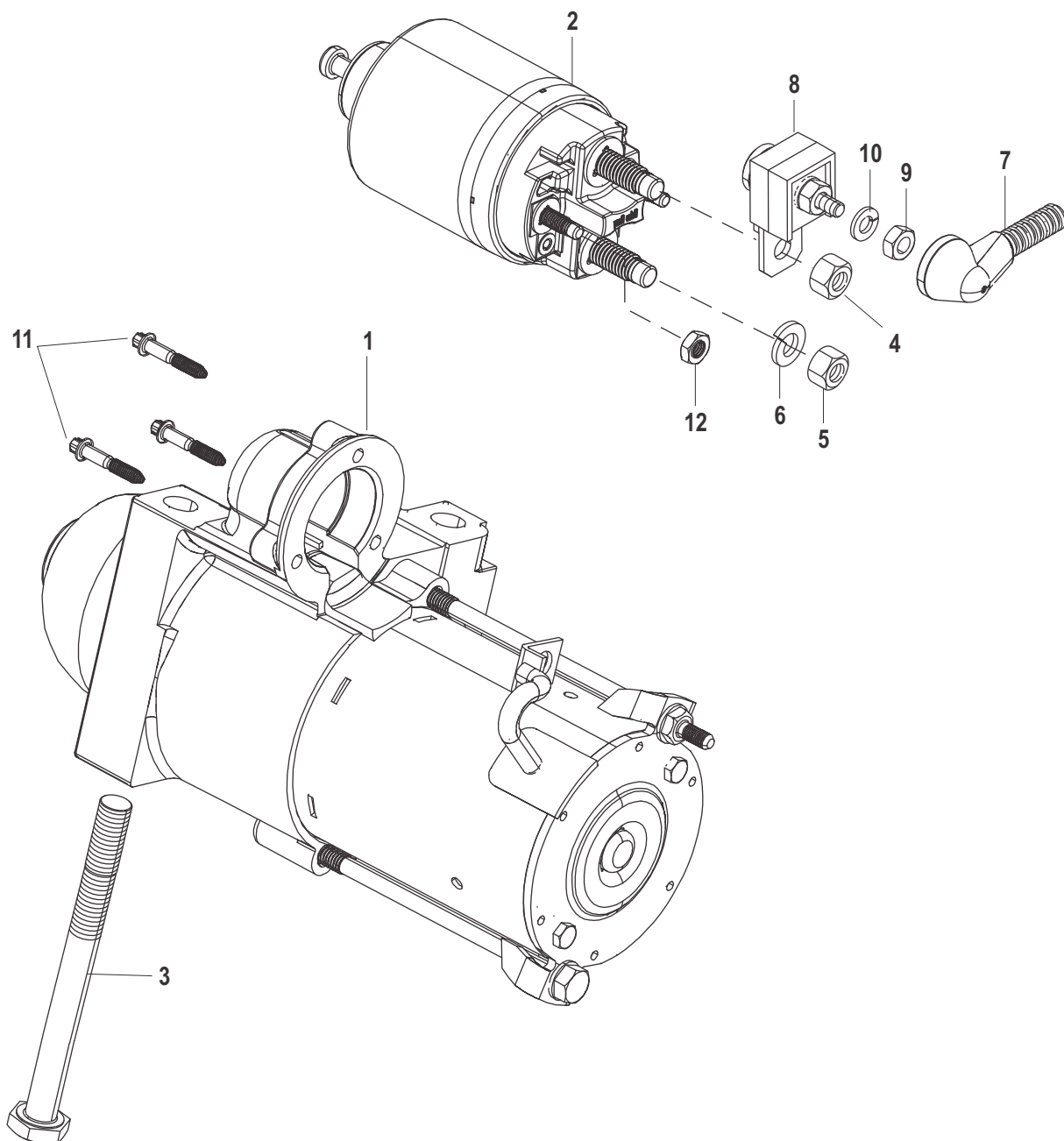
858088Q01QS

[4] - Alternate part numbers:

858087K01MPP

858087Q01QS

Starter Motor



9798

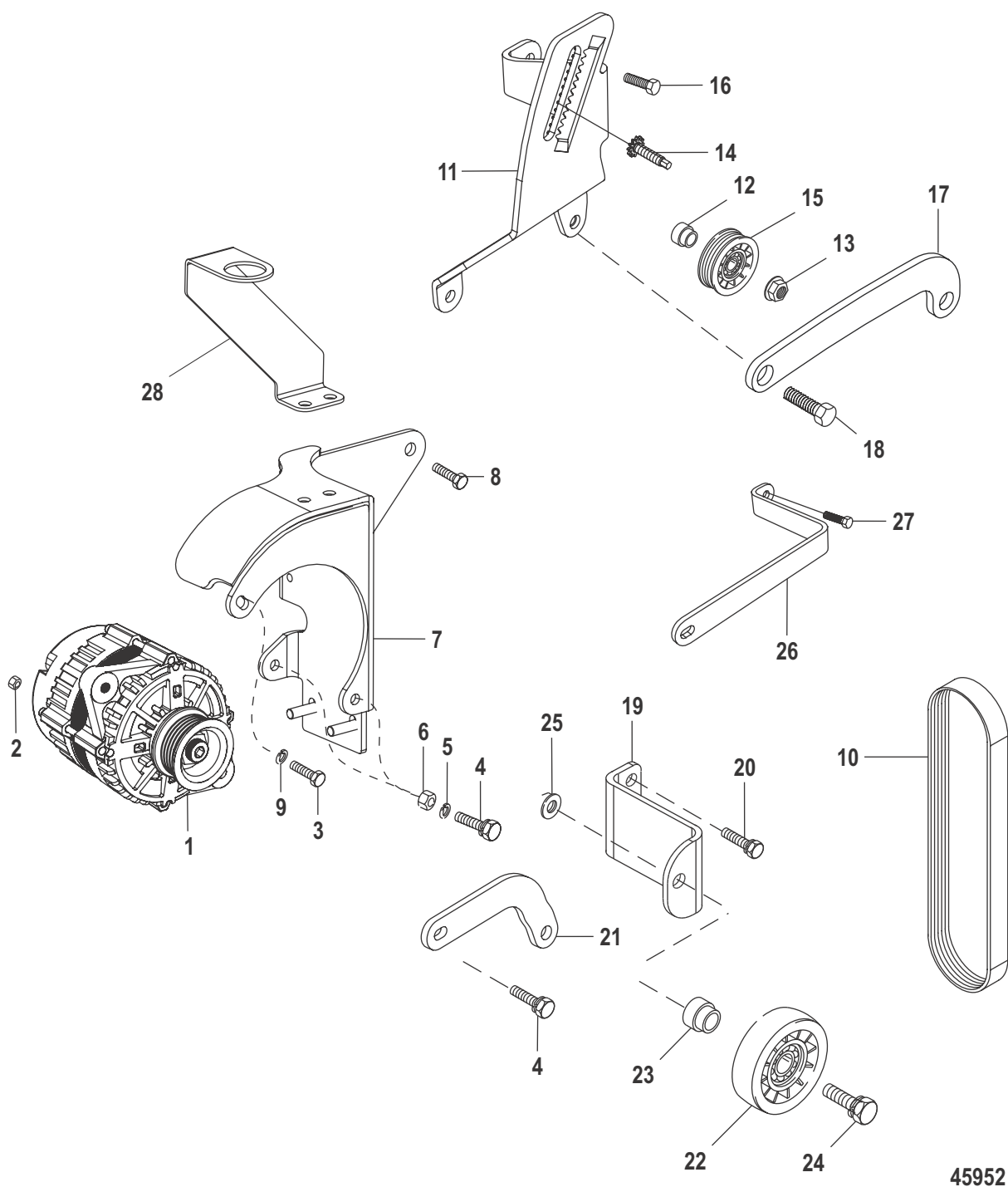
Starter Motor

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	861788	SCREW (M10 x 1.5)		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	79023A91	FUSE ASSEMBLY 90 Ampere		1	
9	0011	8267119	NUT (.250-28)		1	
10	0013	400247	LOCKWASHER (M8)		1	
11		NSS	NOT SOLD SEPARATE Screw		3	
12	0011	400211	NUT (M5) Stainless Steel		1	

PART NOTES:

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

Alternator and Brackets



45952

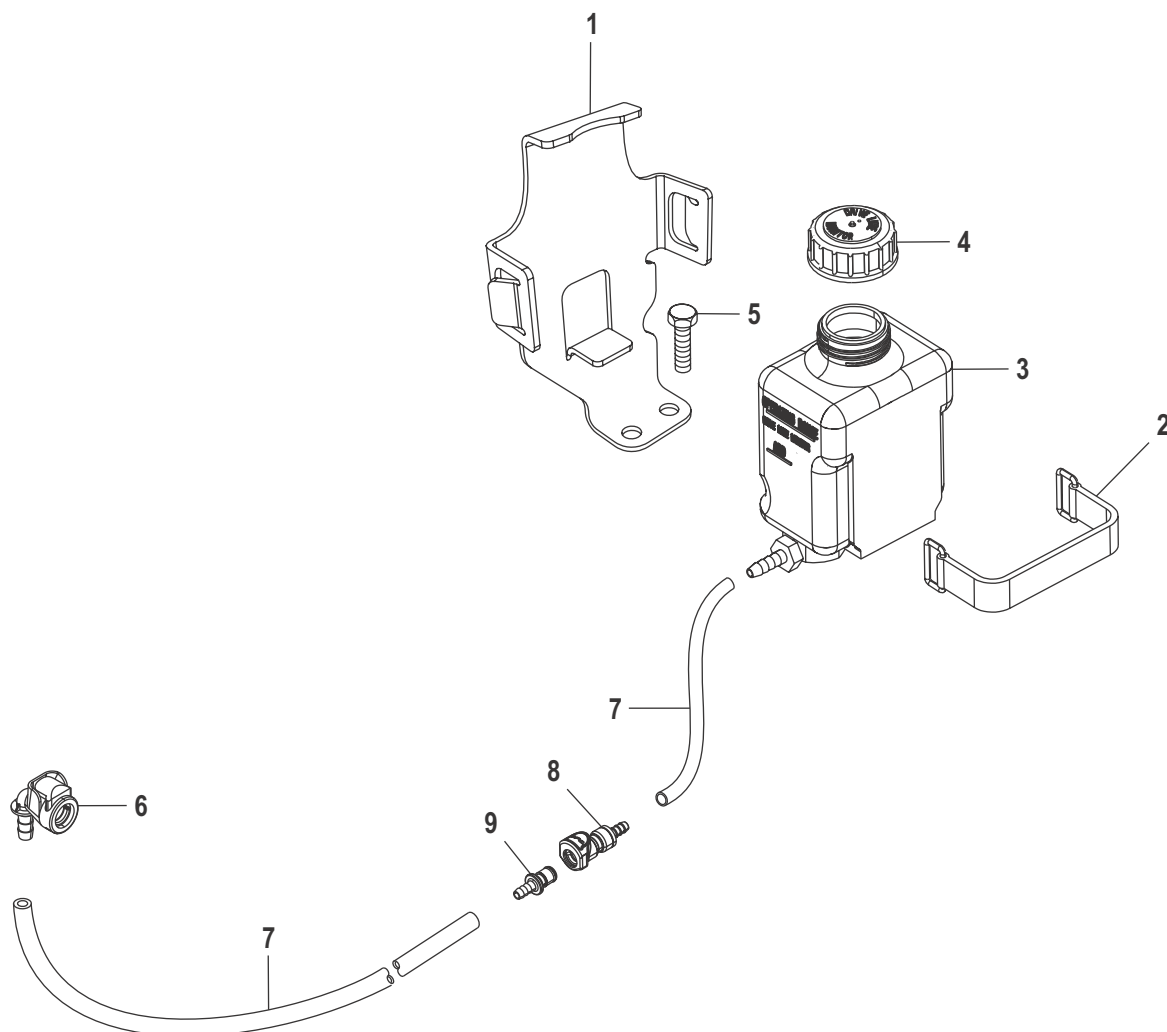
Alternator and Brackets

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	863077T	ALTERNATOR ASSEMBLY Black 65 Amp - With 50mm Pulley	(Non Serviceable)	1	[1]
2	0011	400212	NUT (M6) Stainless Steel		2	
3	0010	40001134	SCREW (M8 x 25)		1	
4	0010	828213	SCREW (.312-18 x 1.500) Hex Flange		2	
5	0012	57792	WASHER		2	
6	0011	26484	NUT (.312-18)		2	
7	0000	8M0053836	BRACKET Alternator		1	
8	0010	98261	SCREW (.375-16 x .750)		2	
9	0012	20084	WASHER (.328 x .562 x .062)		1	
10	0057	8M2018590	BELT Serpentine	(Alpha-Standard Cooling)	1	
10	0057	8M2018984	BELT Serpentine	(Bravo-Standard Cooling)	1	
10	0057	879288Q20	BELT Serpentine	(Closed Cooling)	1	
11	0000	8M0053838	BRACKET Idler Adjusting		1	
12	0000	865193	BUSHING		1	
13	0011	859135	NUT (.437-20) Brass/Nickel Plated		1	
14	0043	8183812	PINION STUD (.437-20) Stainless Steel		1	
15	0000	864625T	PULLEY (4.25 Inch Diameter)		1	
16	0010	34353	SCREW (.375-16 x 1.00)		2	
17	0000	8M2021996	BRACKET Idler to Power Steering Pump		1	
18	0010	98261	SCREW (.375-16 x .750)		1	
19	0000	864456T	BRACKET Alternator Brace	(Bravo)(Alpha - Closed Cooling)	1	
20	0010	32132	SCREW (.375-16 x 1.750)		1	
21	0000	8M2019957	BRACKET Alternator to Idler	(Bravo)(Alpha - Closed Cooling)	1	
22	0000	865598	PULLEY	(Bravo)(Alpha - Closed Cooling)	1	
23	0000	865193	BUSHING	(Bravo)(Alpha - Closed Cooling)	1	
24	0010	56393	SCREW (.437-20 x 1.75)	(Bravo)(Alpha - Closed Cooling)	1	
25	0011	859135	NUT (.437-20) Brass/Nickel Plated	(Bravo)(Alpha - Closed Cooling)	1	
26	0000	8M2019972	BRACKET Alternator	(Alpha - Standard Cooling)	1	
27	0010	34353	SCREW (.375-16 x 1.00)		1	
28	0000	8M2021334	BRACKET Flush Valve		1	

PART NOTES:

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

Gear Lube Monitor

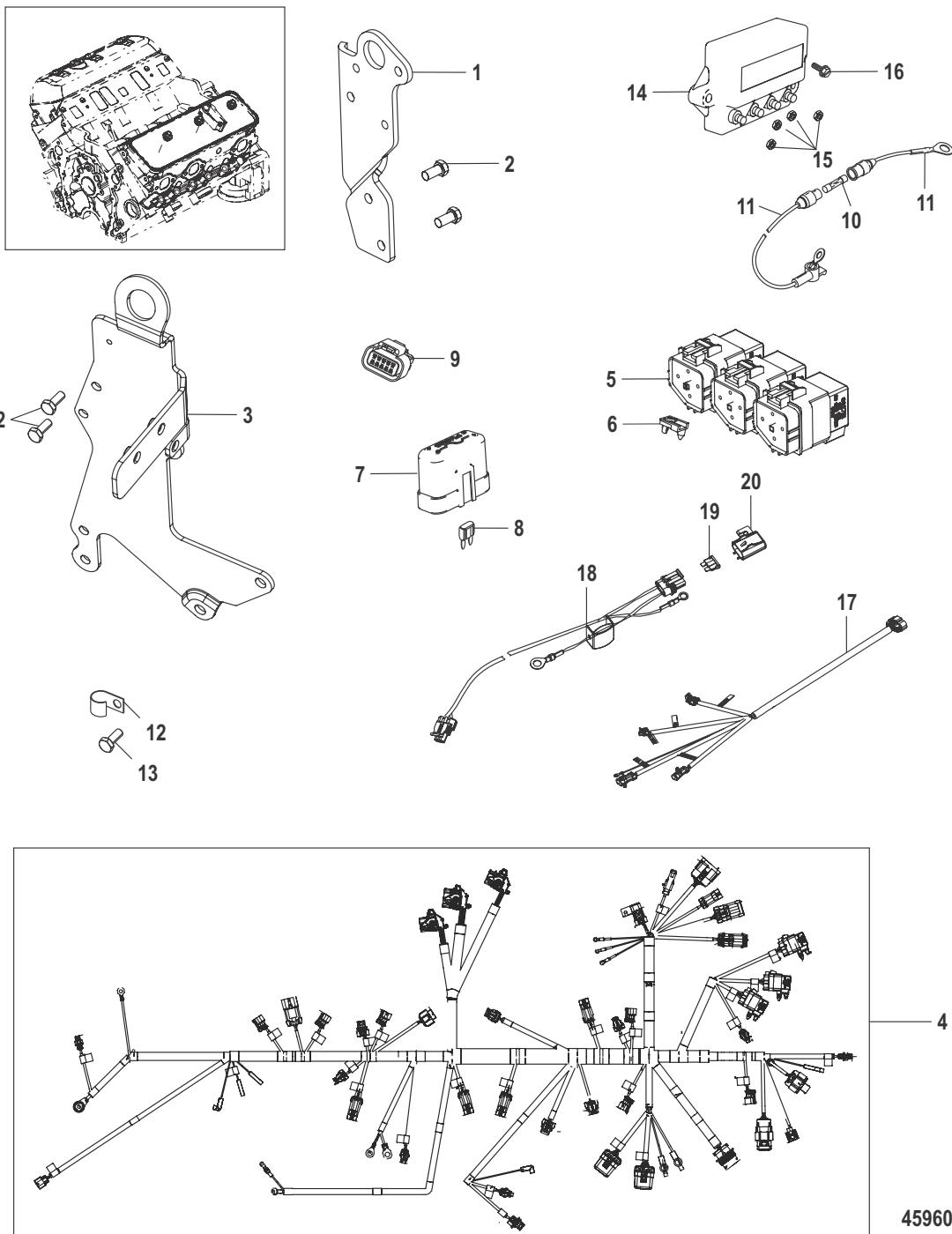


45950

Gear Lube Monitor

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	8M0053833	BRACKET Drive Lube Monitor		1	
2	0000	808023T	STRAP		1	
3	0000	8M0053835	RESERVOIR Lube Monitor		1	
4	0036	8067271	CAP Drive Lube Monitor Lube Reservoir		1	
5	0010	841389	SCREW (.312-18 x .620)		2	
6	0022	861163	QUICK CONNECTOR (90 Degree) To Transom		1	
7	0032	1940971	HOSE (54.00 Inches Bulk) (.25 Inch Inside Diameter)		1	
8	0022	865379	FITTING Female		1	
9	0022	865191	FITTING Male		1	
-	0000	69355	TIE STRAP (5.50 Inches)		1	

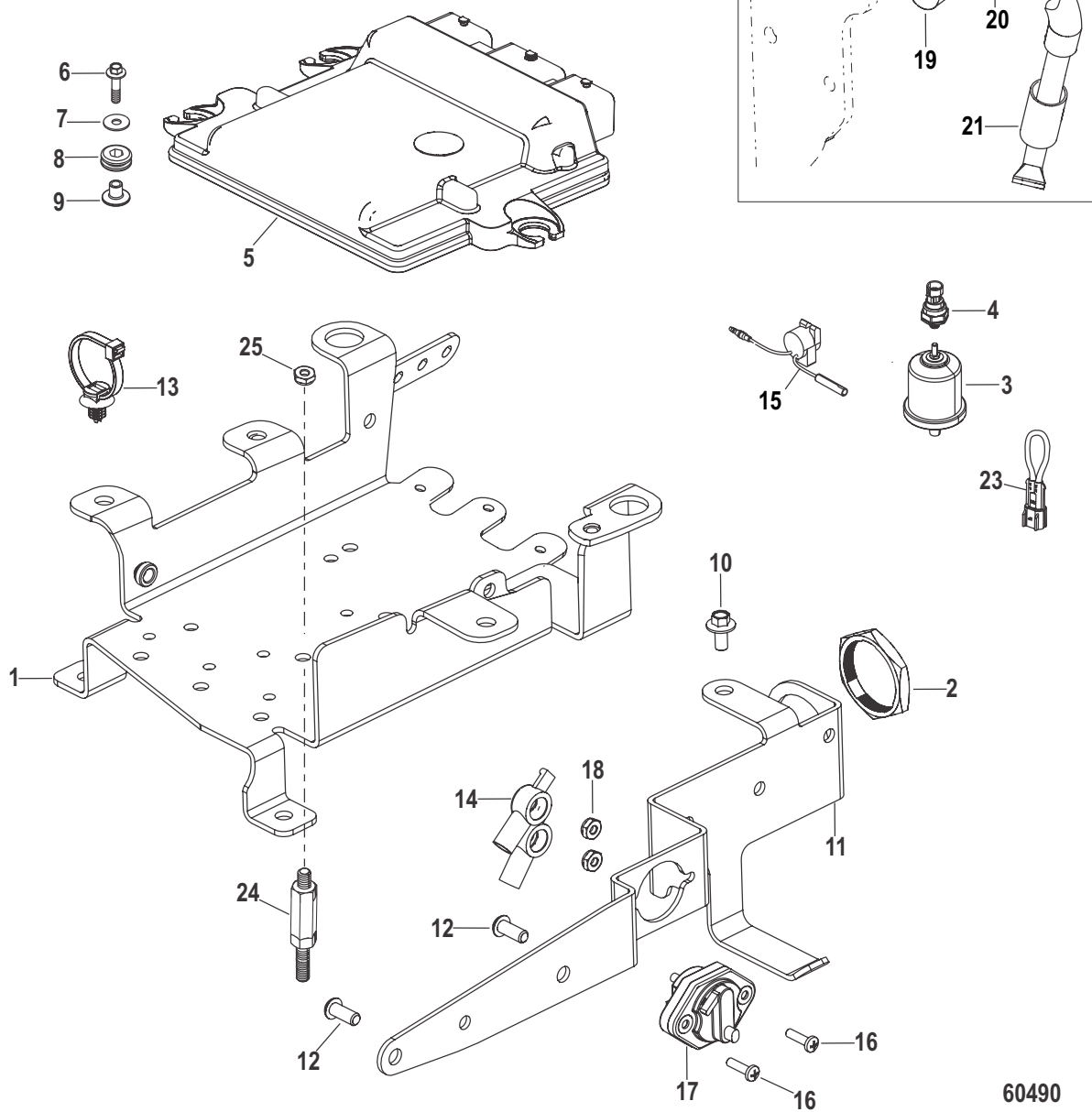
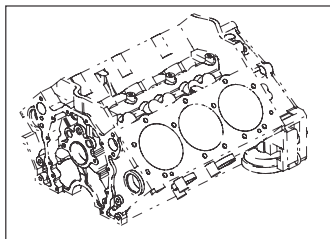
Harness, Lifting Brackets and Mercathode



Harness, Lifting Brackets and Mercathode

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	879172T32	BRACKET Lifting Eye, Rear		1	
2	0010	98261	SCREW (.375-16 x .750)	Front Lifting Eye	7	
2	0010	98261	SCREW (.375-16 x .750)	Rear Lifting Eye	2	
2	0010	34353	SCREW (.375-16 x 1.00)	Rear Lifting Eye	2	
3	0000	8M0053837	BRACKET Lifting Eye Front		1	
4	0084	8M0050945	HARNESS ASSEMBLY Engine		1	
5	0000	882751	RELAY		3	
6	0086	865205	CLIP		3	
7	0000	858754	COVER Fuse		2	
8	0088	83296910	FUSE Mini - Red - 10 Ampere		5	
8	0088	832969T15	FUSE Mini - Blue - 15 Ampere		2	
8	0088	8329692	FUSE Mini - Gray - 2 Ampere		1	
8	0088	832969T20	FUSE Mini - Yellow - 20 Ampere		3	
9	0000	859318T1	TERMINATOR 10 Pin (CAN 1 and 2)		1	
10	0088	79091	FUSE 20 Ampere		1	
11	0084	95084A9	CABLE ASSEMBLY (91.00 Inches) Red/Purple Strip		1	
11	0084	95084A10	CABLE ASSEMBLY (5.00 Inches) Red		1	
12	0054	92850	CLAMP Harness to Block		1	
13	0010	98261	SCREW (.375-16 x .750)		1	
14	0000	42600A09	MERCATHODE ASSEMBLY		1	
15	0011	68219	NUT (#10-32) Stainless Steel		4	
16	0010	4010516	SCREW (M5 x 16) Stainless Steel		2	
17	0084	865677T02	HARNESS ASSEMBLY Transom		1	
18	0084	888416T04	HARNESS ASSEMBLY DTS, Clean Power, 15 Feet		1	
19	0000	862646	FUSE Tan - 5 Ampere		1	
20	0000	828054	COVER Fuse		1	

PCM and Electrical Components

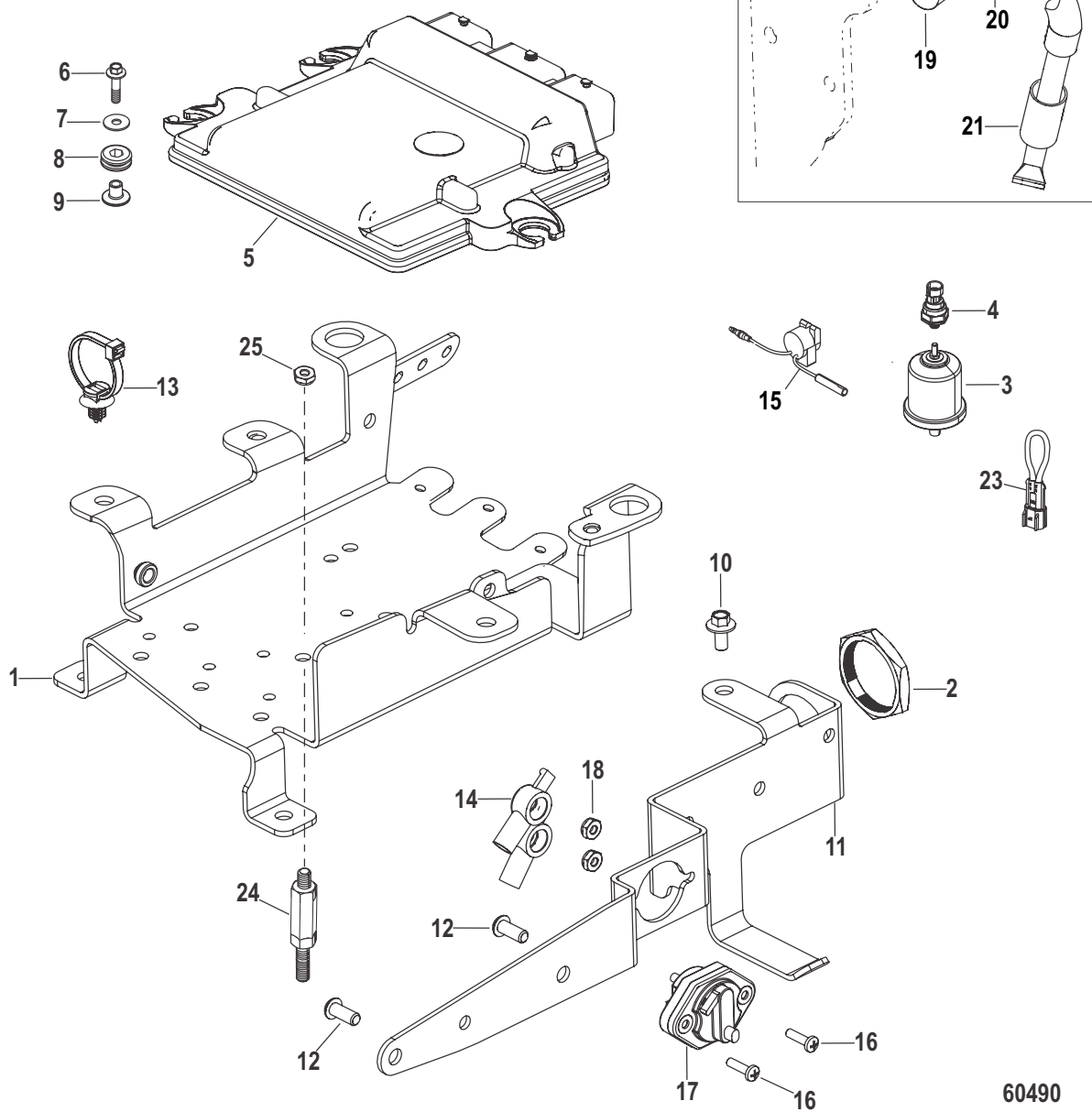
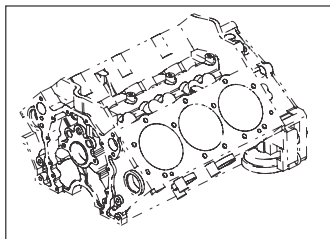


60490

PCM and Electrical Components

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	8M0054010	BRACKET Electrical		1	
2	0011	889664	NUT (1.500-18) Black Nylon		1	
3	0000	815425T	SENDER ASSEMBLY Oil		1	
3	0000	37293T	SENDER ASSEMBLY Oil	(Dual Station)	1	
4	0000	881879010	SENSOR Pressure	(Power Steering Cooler)	1	
4	0000	881879T11	SENSOR Pressure (0 - 100 PSI)	(Oil)	1	
5	0000	8M0054003	PCM Propulsion Control Module	Standard Cooling, Alpha [1A648622] & Below	1	
5	0078	8M0059347	PCM Propulsion Control Module	Standard Cooling, Alpha [1A648623] THRU [2A446466]	1	
5	0078	8M0099853	PCM Propulsion Control Module	Standard Cooling, Alpha [2A446467] & Up	1	
5	0000	8M0054004	PCM Propulsion Control Module	Closed Cooling, Alpha [1A648622] & Below	1	
5	0078	8M0059348	PCM Propulsion Control Module	Closed Cooling, Alpha [1A648623] THRU [2A446466]	1	
5	0078	8M0099854	PCM Propulsion Control Module	Closed Cooling, Alpha [2A446467] & Up	1	
5	0000	8M0054005	PCM Propulsion Control Module	Standard Cooling, Bravo [1A648622] & Below	1	
5	0078	8M0059349	PCM Propulsion Control Module	Standard Cooling, Bravo [1A648623] THRU [2A446466]	1	
5	0078	8M0099855	PCM Propulsion Control Module	Standard Cooling, Bravo [2A446467] & Up	1	
5	0000	8M0054006	PCM Propulsion Control Module	Closed Cooling, Bravo [1A648622] & Below	1	
5	0078	8M0059350	PCM Propulsion Control Module	Closed Cooling, Bravo [1A648623] THRU [2A446466]	1	
5	0078	8M0099856	PCM Propulsion Control Module	Closed Cooling, Bravo [2A446467] & Up	1	
5	0078	8M0109125	PCM Propulsion Control Module	180 HP [2A457710] & Up	1	
6	0010	82130025	SCREW (M6 x 25)		3	
7	0012	65567	WASHER (.265 x .750 x .048) Stainless Steel		3	
8	0025	834985	GROMMET		3	
9	0023	856954	BUSHING		3	
10	0010	4010612	SCREW (M6 x 12) Stainless Steel Circuit Breaker Bracket to PCM Bracket		1	
11	0000	8M0054011	BRACKET Circuit Breaker		1	
12	0010	860008	SCREW (.250-20 x .625) Torx		2	
13	0054	899145	CLIP Tie Strap		AR	
14	0085	89919	BOOT Insulator - Black		2	
15	0000	816492A15	ALARM KIT		1	
16	0010	830861	SCREW (#8-32 x .625)	[2A054617] & Below	2	
16	0010	45862	SCREW (#10-32 x .875)	[2A054618] & Up	2	
17	0088	865827T	BREAKER Circuit - 50 Ampere Flag Reset	[2A054617] & Below	1	

PCM and Electrical Components

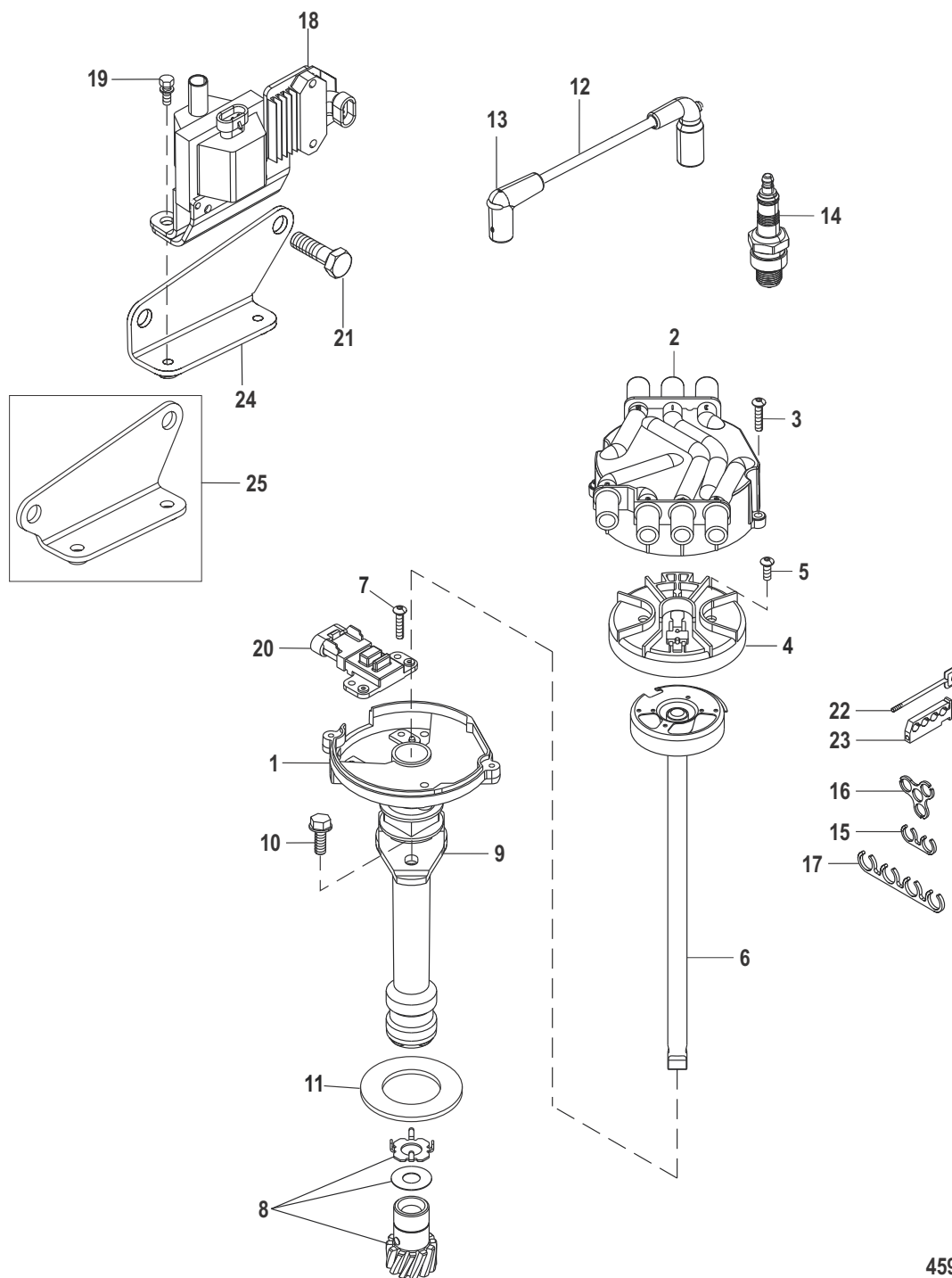


60490

PCM and Electrical Components

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
17	0088	11178A01	BREAKER Circuit - 50 Ampere Button Reset	[2A054618] & Up	1	
18	0011	826709106	NUT (#10-32) Stainless Steel	[2A054617] & Below	2	
18	0011	68219	NUT (#10-32) Stainless Steel	[2A054618] & Up	2	
19	0000	8M2017792	STUD Hot (3/8-16)		1	
20	0010	82130025	SCREW (M6 x 25)		2	
21	0084	8M0054620	HARNESS Hot Stud		1	
22	0085	8M2019142	INSULATOR		1	
NS	0054	8M2020527	CLIP Hose		1	
NS	0010	4010612	SCREW (M6 x 12) Stainless Steel		1	
23	0000	864337A1	CONNECTOR Black		1	
24	0016	864287	STUD (M6)		1	
25	0011	401366	NUT (M6) Stainless Steel		1	

Distributor and Ignition Components



45990

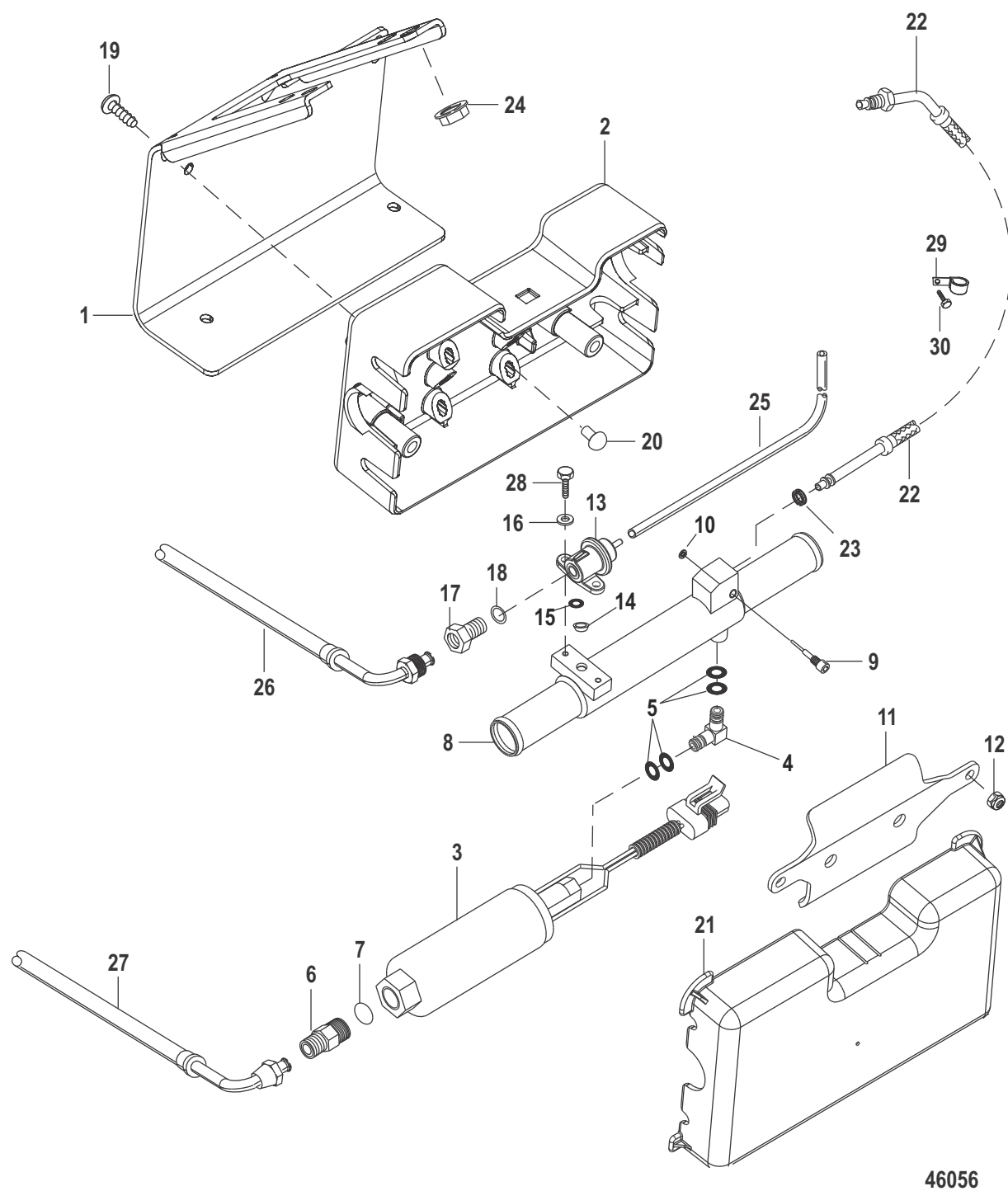
Distributor and Ignition Components

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	888751A03	DISTRIBUTOR ASSEMBLY		1	
2	0000	898253T23	CAP Distributor		1	[1]
3	0010	884786	SCREW		2	
4	0000	898253013	ROTOR		1	[2]
5	0010	884788	SCREW		2	
6		NSS	NOT SOLD SEPARATE		1	
7	0010	884788	SCREW		2	
8	0043	884789	GEAR ASSEMBLY		1	
9	0000	52185	CLAMP		1	
10	0010	11976	SCREW (.375-16 x 1.00)		1	
11	0027	344863	GASKET		1	[3]
12	0084	863656A2	CABLE KIT Ignition (Plug and Coil Wires)			
13	0084	863657A1	CABLE ASSEMBLY Coil Wire		1	
14	0033	8M2018369	SPARK PLUG (NGK ITR4A15)		6	[4]
15	0000	54676	RETAINER Two Wire		2	
16	0000	32783	RETAINER Three Wire		2	
17	0000	32784	RETAINER Four Wire		2	
18	0392	863704T	COIL Ignition		1	
19	0010	657461	SCREW AND LOCKWASHER (.250-20 x .625)		2	
20	0000	898141	SENSOR Hall Effect		1	
21	0010	98261	SCREW (.375-16 x .750)		2	
22	0016	90096A1	STUD ASSEMBLY (#10-32 x Special)		2	
23	0054	72821	RETAINER		2	
24	0000	863663T	BRACKET Coil	Standard Cooling	1	
25	0000	8M2020338	BRACKET Coil	Closed Cooling	1	

PART NOTES:

- [1] - Alternate part numbers:
898253T23Service Part
898253T28Kit
- [2] - Alternate part numbers:
898253013QS
8M0061335Kit
- [3] - Component of Engine Overhaul Gasket Set 807756A02
Component of Long Block Assembly 879150A31
- [4] - Alternate part numbers:
8M0058932Bulk Pack
8M2018369QS

Fuel Pump And Fuel Cooler



46056

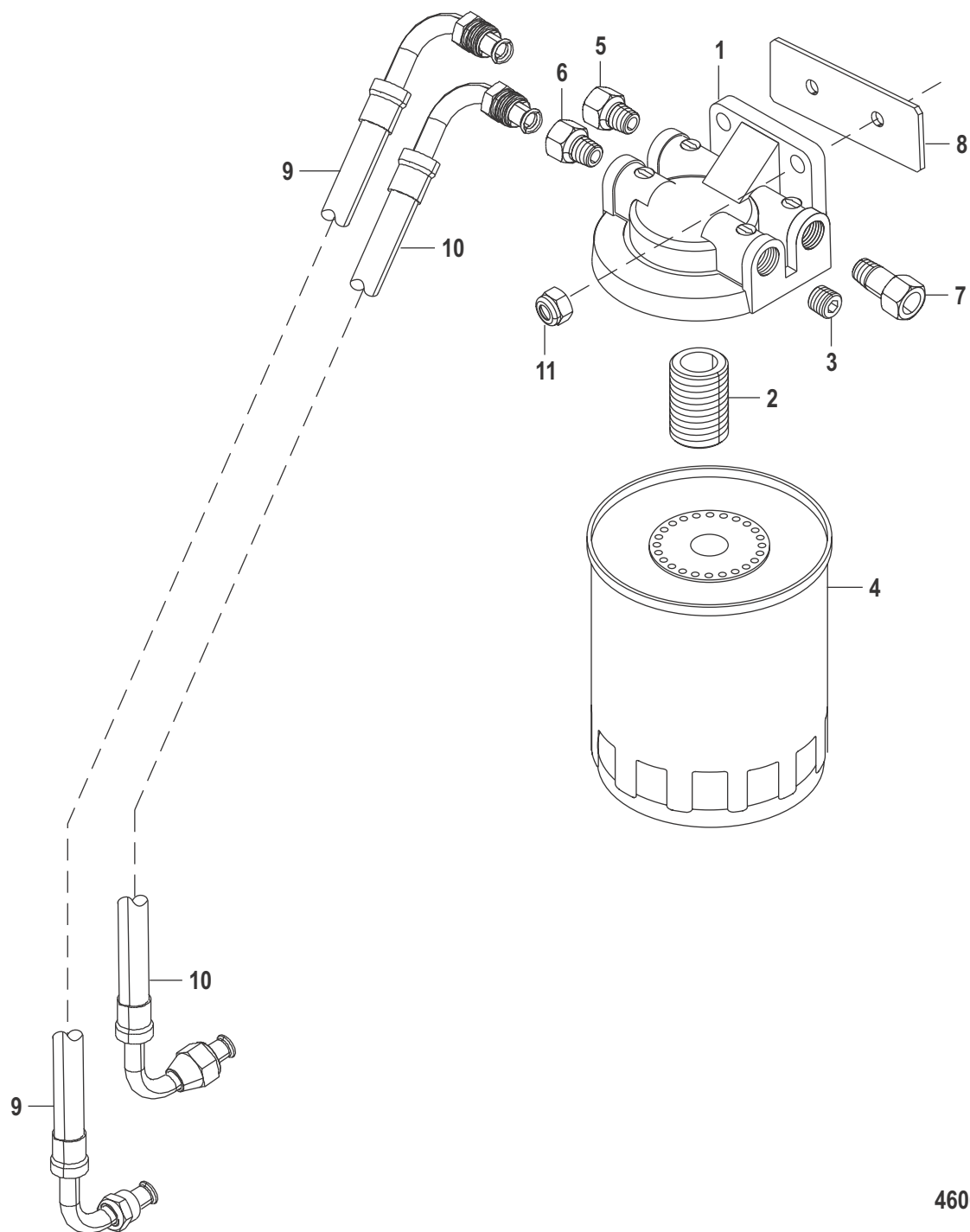
Fuel Pump And Fuel Cooler

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	863422T1	BRACKET Fuel Cooler	(Power Assisted Steering)	1	
2	0000	807685T	INSULATOR Base		1	
3	0000	861156A03	PUMP/COOLER KIT Fuel		1	
4	0022	807783A1	FITTING ASSEMBLY 90 Degree		1	
5	0025	805063	O-RING (.301 x .070)		4	[1]
6	0022	808001A1	FITTING ASSEMBLY		1	
7	0025	805062	O-RING (.530 x .082)		1	[1]
8	0000	865356T	COOLER Fuel		1	
9	0010	866114	SCREW (.250-28) Special		1	
10	0053	861414	RING Retaining		1	
11	0000	807979T	BRACKET		1	
12	0011	29598	NUT (.250-28) Stainless Steel		2	
13	0000	861126A1	REGULATOR KIT (43 PSI)		1	
14	0035	805406	FILTER		1	
15	0025	805531	O-RING (.476 x .075)		1	
16	0012	89302	WASHER (.203 x .406 x .040)		2	
17	0022	808002A1	FITTING KIT		1	
18	0012	36533	WASHER (.328 x .562 x .0312) Copper		1	
19	0010	808005	SCREW (.250-20 x .500)		4	
20	0000	269011	BUMPER Rubber		8	
21	0000	807930T01	INSULATOR Cover		1	
22	0032	8M2015351	LINE Fuel Fuel Cooler To Fuel Rail		1	
23	0026	863151	SEAL Quad Ring		1	[1]
24	0011	860069	NUT (.375-16)		2	
25	0032	80617382	HOSE (58.00 Inches Bulk) Fuel Pressure Regulator To Intake Manifold	(Cut to Length)	1	
26	0032	8M0045997	LINE Fuel Fuel Pressure Regulator To Fuel Filter	(Power Assisted Steering)	1	
27	0032	8M0046000	LINE Fuel Fuel Filter To Fuel Pump		1	
28	0010	852368	SCREW (#10-24 x .750)		2	
29	0054	8M2021647	CLAMP Fuel line to Port Head		1	
30	0010	98261	SCREW (.375-16 x .750)		1	
-	0027	807756A02	GASKET SET Engine Overhaul		1	

PART NOTES:

[1] - Component of Engine Overhaul Gasket Set 807756A02

Fuel Filter



46064

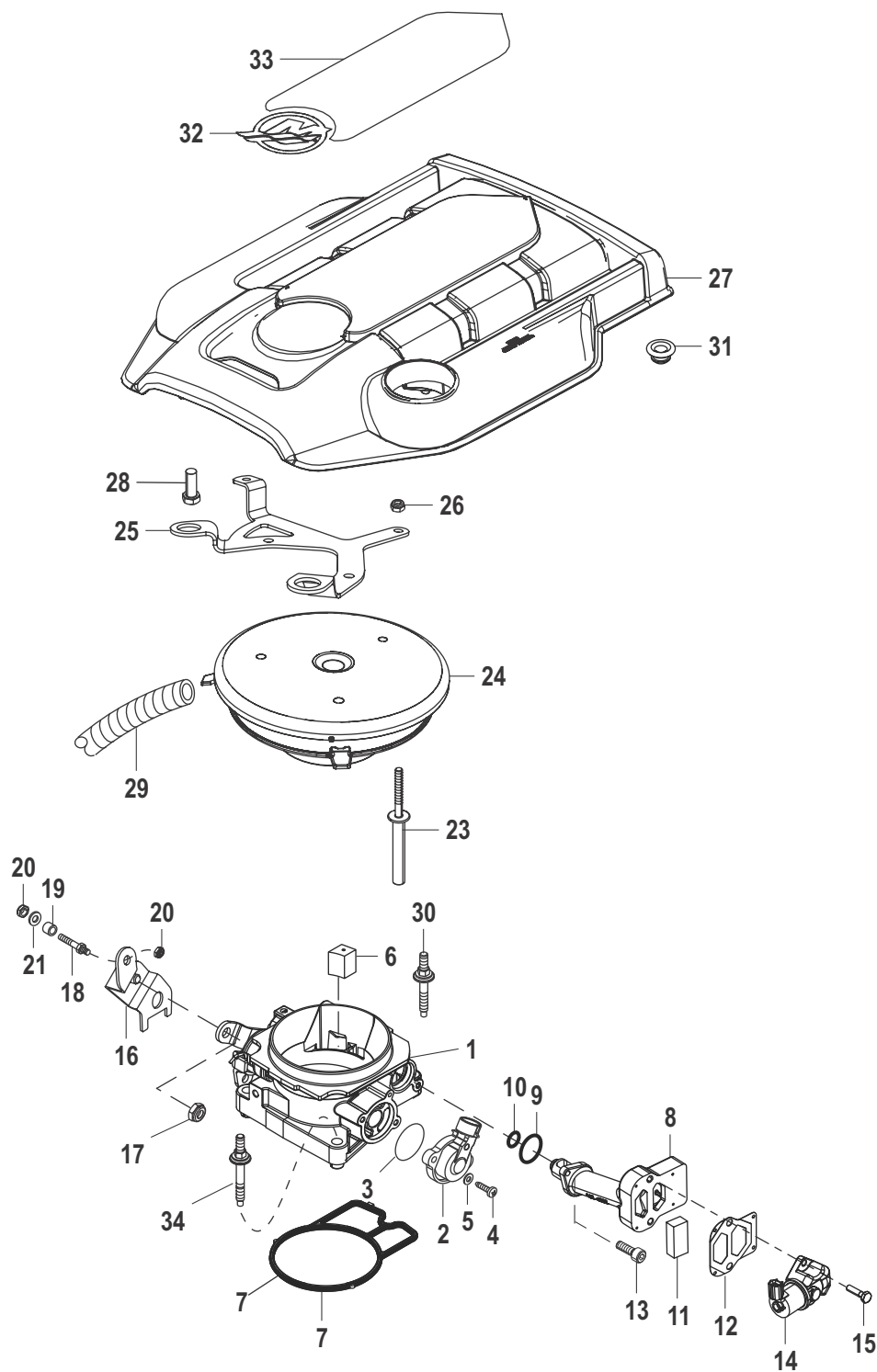
Fuel Filter

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	89876A3	BASE ASSEMBLY Fuel Filter With Water Seperator		1	
2	0022	816133	FITTING		1	
3	0022	32561	PLUG Pipe - Allen Head (.250-18)		1	
4	0035	802893Q01	FILTER Fuel/Water Separating - Quicksilver Brand		1	
4	0035	802893T	FILTER Fuel/Water Separating - Mercury Brand		1	[1]
5	0022	33821	CONNECTOR		1	
6	0022	808003	CONNECTOR		1	
7	0022	865907	FITTING (3/8-18) Inlet		1	
8	0000	88641	INSULATOR Back		1	
9	0032	8M0045997	LINE Fuel Fuel Regulator to Filter		1	
10	0032	8M0046000	LINE Fuel Fuel Pump to Filter		1	
11	0011	82670811	NUT (.312-24)		2	

PART NOTES:

- [1] - Alternate part numbers:
- 802893QQS
 - 802893TMPP
 - 807172Service Part

Throttle Body



45679

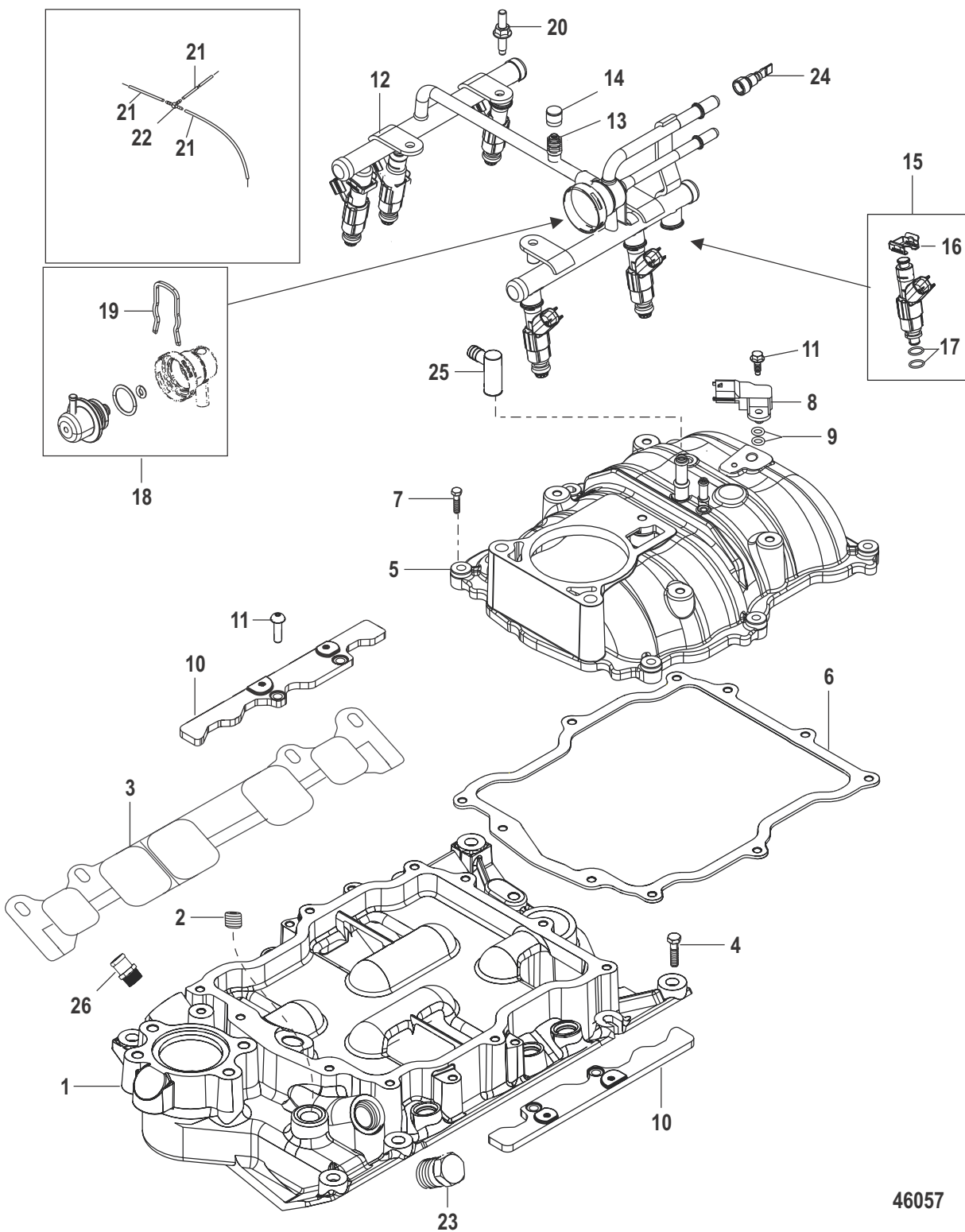
Throttle Body

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	885170001	THROTTLE BODY ASSEMBLY		1	
2	0000	853678T	SENSOR TPS		1	
3		NSS	NOT SOLD SEPARATE O-Ring		1	
4		NSS	NOT SOLD SEPARATE SCREW		2	
5		NSS	NOT SOLD SEPARATE Washer		1	
6	0035	863829	MUFFLER Intake Air Control		1	
7	0027	885172	GASKET Throttle Body		1	[1]
8	0000	866295A02	IAC ADAPTER KIT		1	
9	0025	863006	O-RING (10.82 x 1.78)		1	[1]
10	0025	808547	O-RING		1	[1]
11	0035	8M2001030	FILTER		1	
12		NSS	NOT SOLD SEPARATE GASKET		1	
13	0010	4008612	SCREW (M4 x 12)		2	
14	0000	862998	VALVE Idle Air		1	
15	0010	4008820	SCREW (M6 x 20)		2	
16	0000	8M2020112	BRACKET Throttle		1	
17	0011	8267138	NUT (.25-20)		1	
18	0016	97477A3	STUD KIT Throttle Anchor		1	
19		NSS	NOT SOLD SEPARATE Spacer		1	
20	0011	8267139	NUT (.250-28)		2	
21	0012	20533	WASHER		1	
22	0023	31866	SPACER (.256 x .313 x .625)		2	
22	0023	11284	SPACER (.62 Diameter)		1	
23	0016	864338	STUD Special		3	
24	0000	863416T	FLAME ARRESTOR		1	
24	0000	8M0109121	FLAME ARRESTOR	180 HP	1	
25	0000	8M2020419	BRACKET Cover Mount		1	
26	0011	401386	NUT (M6) Stainless Steel		3	
27	0000	8M0053840	COVER Engine		1	
28	0010	897445501	SCREW (M6 x 20 MM) Flame Arrestor Bracket to Oil Fill Tube		1	
29	0032	1589431	TUBING (20.00 Inches Bulk) Breather		1	
30	0016	885171	STUD		1	
31	0025	8M2001671	GROMMET		4	
32	0037	8M0043702	DECAL M-Icon, 53mm Black		1	
33	0037	8M0053016	DECAL Center 4.3L EC		1	
33	0037	8M0053017	DECAL Center 4.3L EC (SeaCore)		1	
34	0016	8M0054510	STUD		2	

PART NOTES:

[1] - Component of Engine Overhaul Gasket Set 807756A02

Intake Manifold and Fuel Rail



46057

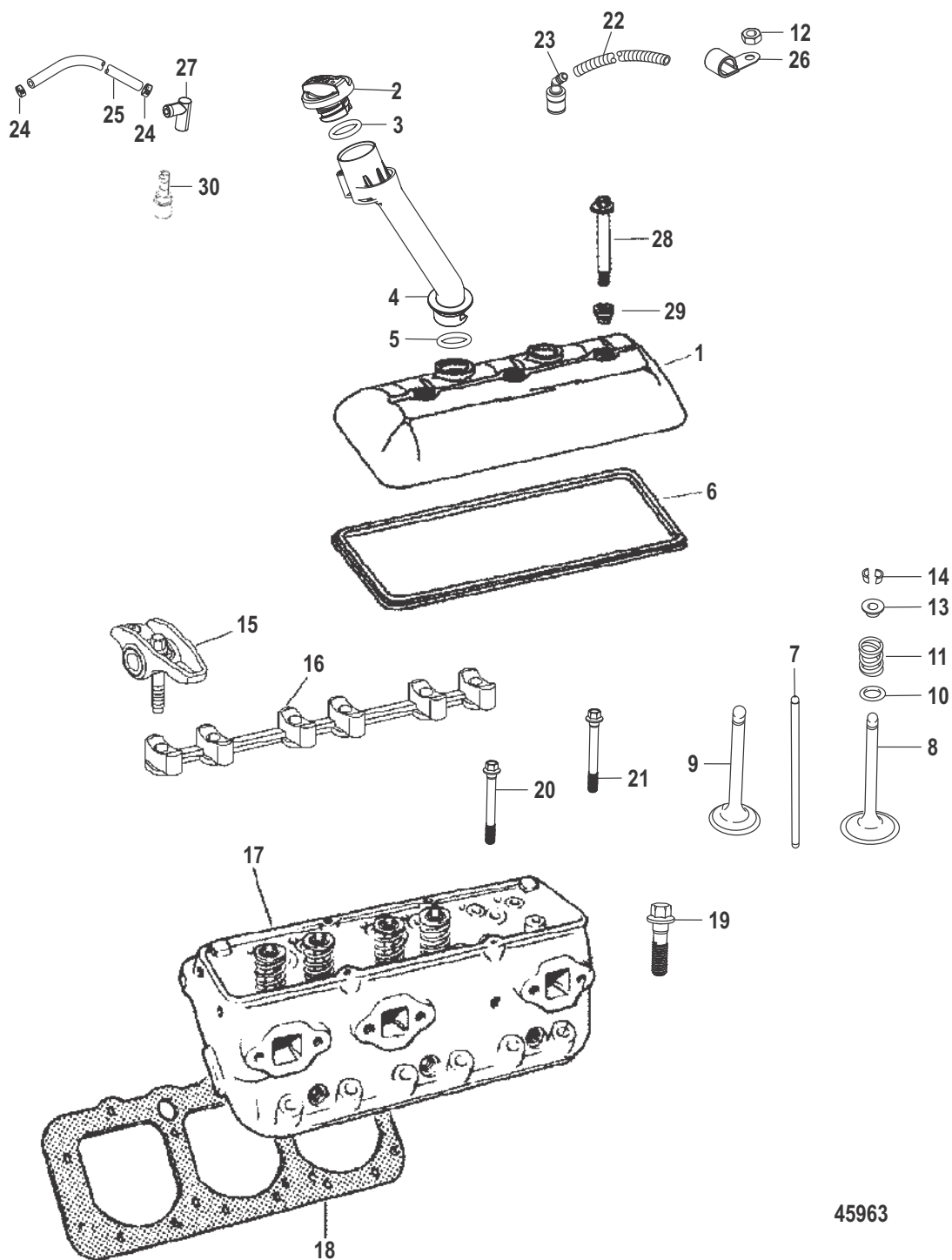
Intake Manifold and Fuel Rail

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	879288T01	MANIFOLD Intake - Lower		1	
2	0022	48358T	PLUG (.375)		1	
3	0027	824326002	GASKET SET Intake Manifold		1	[1]
4	0010	808010	SCREW (.312-18 x 1.375)		8	
5	0000	888773T	MANIFOLD Intake Upper		1	
6	0027	888774	GASKET Intake Manifold		1	[1]
7	0010	885166	SCREW		8	
8	0000	885165	SENSOR Manifold Air Pressure and Temperature		1	
9	0025	881733	SEAL		2	[1]
10		NSS	NOT SOLD SEPARATE Bracket-Component of 888771T		1	
11	0010	885180	SCREW		4	
12	0000	888775T	FUEL RAIL ASSEMBLY		1	
13	0000	885178	VALVE Fuel Pressure Service		1	
14	0000	885179	CAP Fuel Pressure Service Valve		1	
15	0000	879312003	INJECTOR		6	
16	0000	885177	RETAINER Injector		1	
17	0025	8M0046869	O-RING KIT		1	
18	0000	885174	REGULATOR Fuel Pressure		1	
19	0000	885175	CLIP Fuel Pressure Regulator Retaining		1	
20	0010	885180	SCREW		4	
21	0032	80617382	HOSE (58.00 Inches Bulk) (Cut to Appropriate Length)		2	
22	0022	806689	FITTING Tee		1	
23	0022	866157	PLUG		1	
24	0022	8623601	PLUG Fuel Rail Block Off		1	
25	0022	863432T	FITTING 90 Degree		2	
26	0022	806242	CONNECTOR	Closed Cooling	1	
-	0027	807756A02	GASKET SET Engine Overhaul		1	

PART NOTES:

[1] - Component of Engine Overhaul Gasket Set 807756A02

Cylinder Head and Rocker Cover



45963

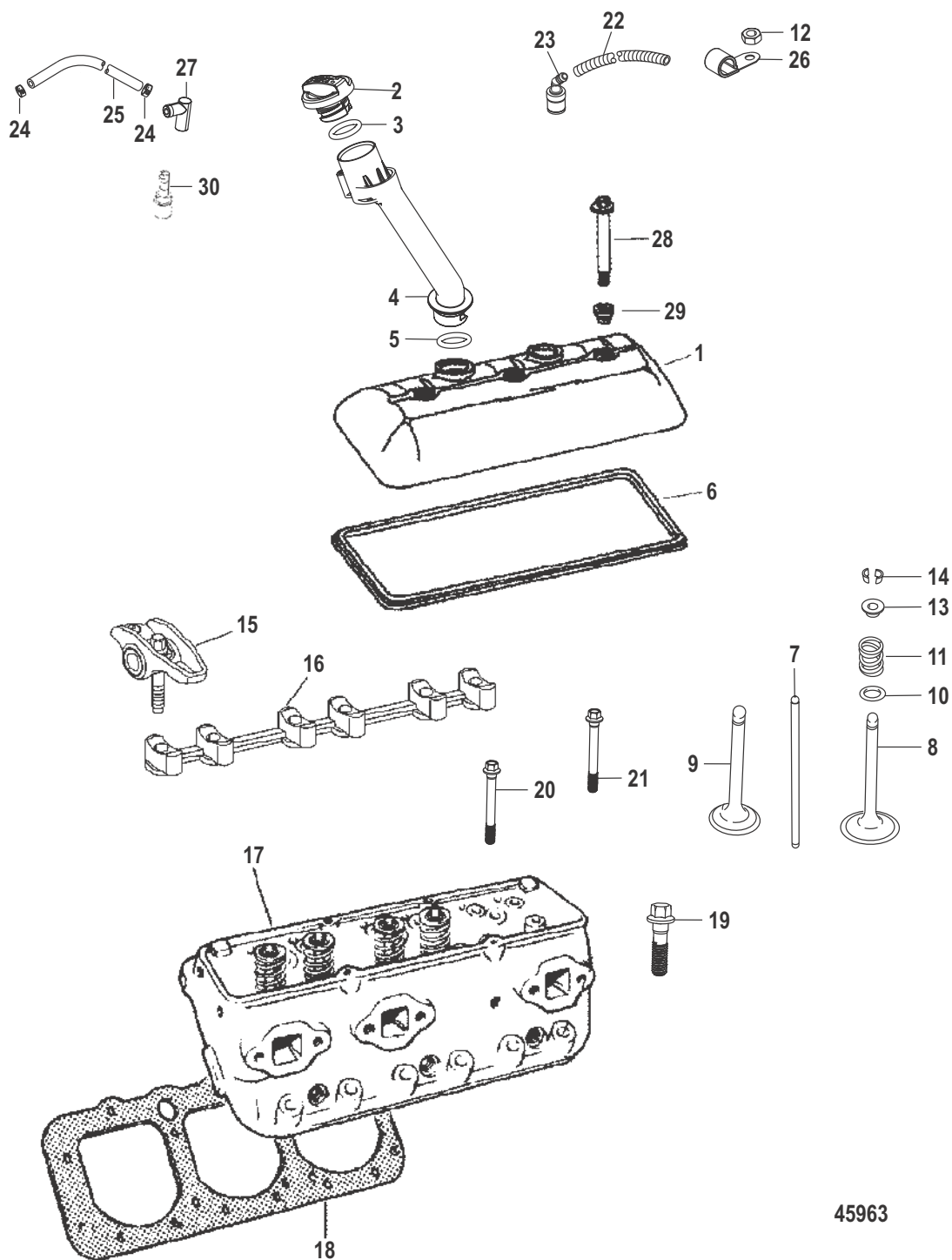
Cylinder Head and Rocker Cover

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	827149001	COVER Rocker	Without oil filler opening	1	[1]
1	0000	8M0076416	COVER Rocker	With oil filler opening	1	[1]
2	0036	8M2019733	CAP Oil Fill		1	[1]
3	0025	8M0043174	O-RING		1	
4	0000	8M0054119	TUBE ASSEMBLY Oil Fill		1	
5	0025	8M0043174	O-RING		2	
6	0027	827154	GASKET Rocker Cover		2	[2]
7	0000	173391	PUSH ROD		12	[1]
8	0000	8243171	VALVE Exhaust	(Standard)	6	[1]
8	0000	8243181	VALVE Exhaust	(.030 Over Size)	AR	
9	0000	809992	VALVE Intake	(Standard)	6	[1]
10	0026	976641	SEAL	(Intake Valve)	6	[2]
10	0026	804507	SEAL	(Exhaust Valve)	6	[2]
11	0024	483471	SPRING		12	[1]
12	0011	863289	NUT (M6)		1	
13	0000	483481	CAP		12	[1]
14	0028	547971	KEY		24	[1]
15	0000	883164001	ROCKER ARM ASSEMBLY Roller		12	[1]
16	0000	883165	SUPPORT Rocker Arm		2	[1]
17	0938	8271783	CYLINDER HEAD		2	[3]
18	0027	879150140	GASKET Head		2	[2]
19	0010	11968	SCREW (.437-14 x 1.750)		12	[1]
20	0010	119671	SCREW (.437-14 x 3.00)		4	[1]
21	0010	11966	SCREW (.437-14 x 3.750)		10	[1]
22	0032	1589431	TUBING (20.00 Inches Bulk) Breather		1	
NS	0025	827152	GROMMET Breather Elbow		1	
23	0000	97850T	ELBOW 90 Degree Breather	(Starboard)	1	
24	0054	815504105	CLAMP Worm Gear (11-18 mm)		2	
25	0032	86197763	HOSE (33.00 Inches Bulk)		1	
26	0054	8M2020370	CLAMP		1	
27	0022	863432T	FITTING		1	
28	0010	827153	SCREW		6	[1]
29	0025	827155	O-RING		6	[2]
30	0000	8M0065285	VALVE PCV		1	
NS	0025	827152	GROMMET PCV Valve		1	
-	0027	807756A02	GASKET SET Engine Overhaul		1	
-	0000	879150A31	LONG BLOCK (4.3L)		1	[4]

PART NOTES:

- [1] - Component of Long Block Assembly 879150A31
 [2] - Component of Engine Overhaul Gasket Set 807756A02
 Component of Long Block Assembly 879150A31

Cylinder Head and Rocker Cover



45963

Cylinder Head and Rocker Cover

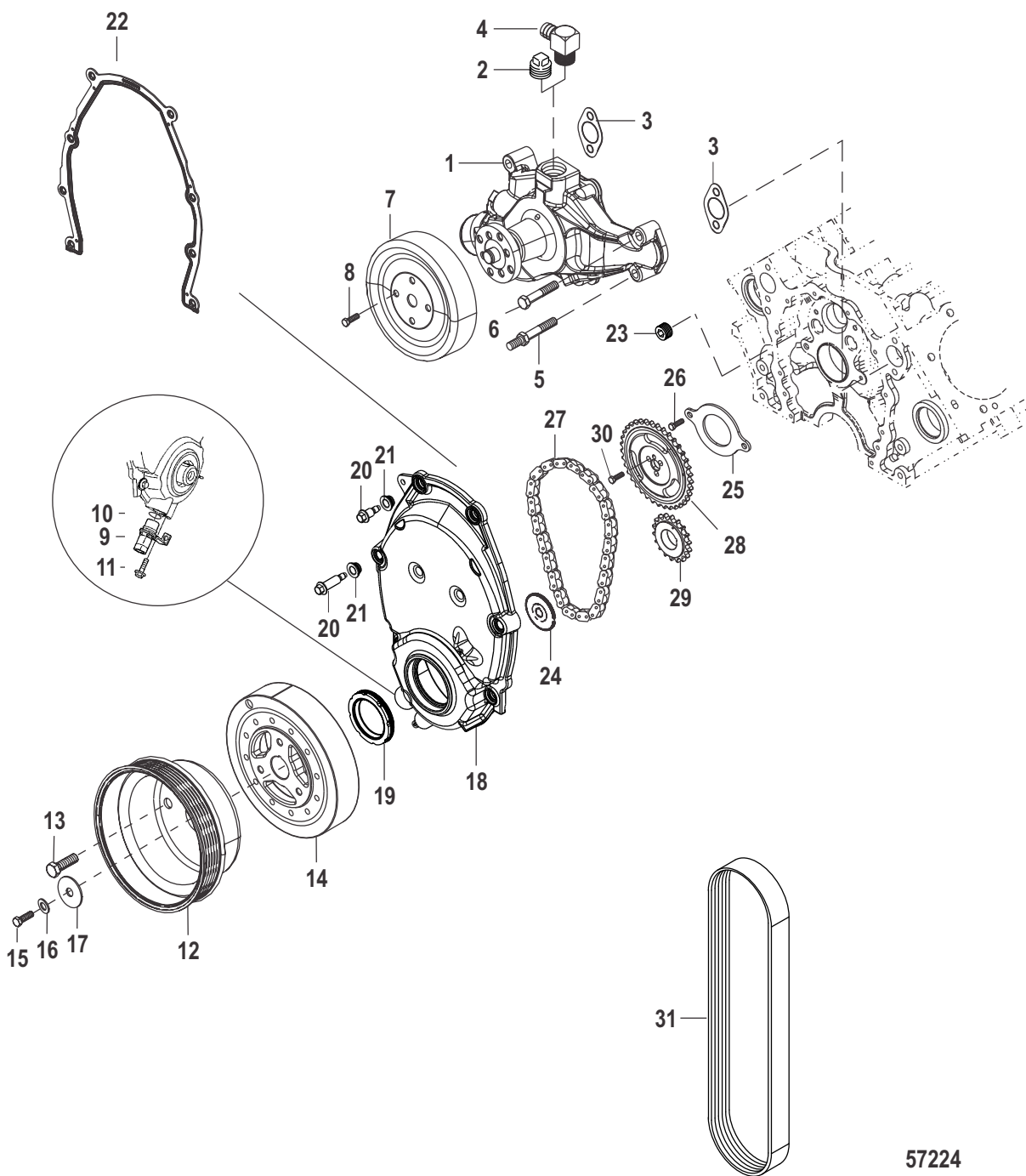
- [3] - Alternate part numbers:
 827178 3QS

 8M0115136Kit
 Component of Long Block Assembly 879150A31
- [4] - Alternate part numbers:
 879150A31QS

 879150R31Reman

 8M0150280Reman

Front Cover and Circulating Pump



57224

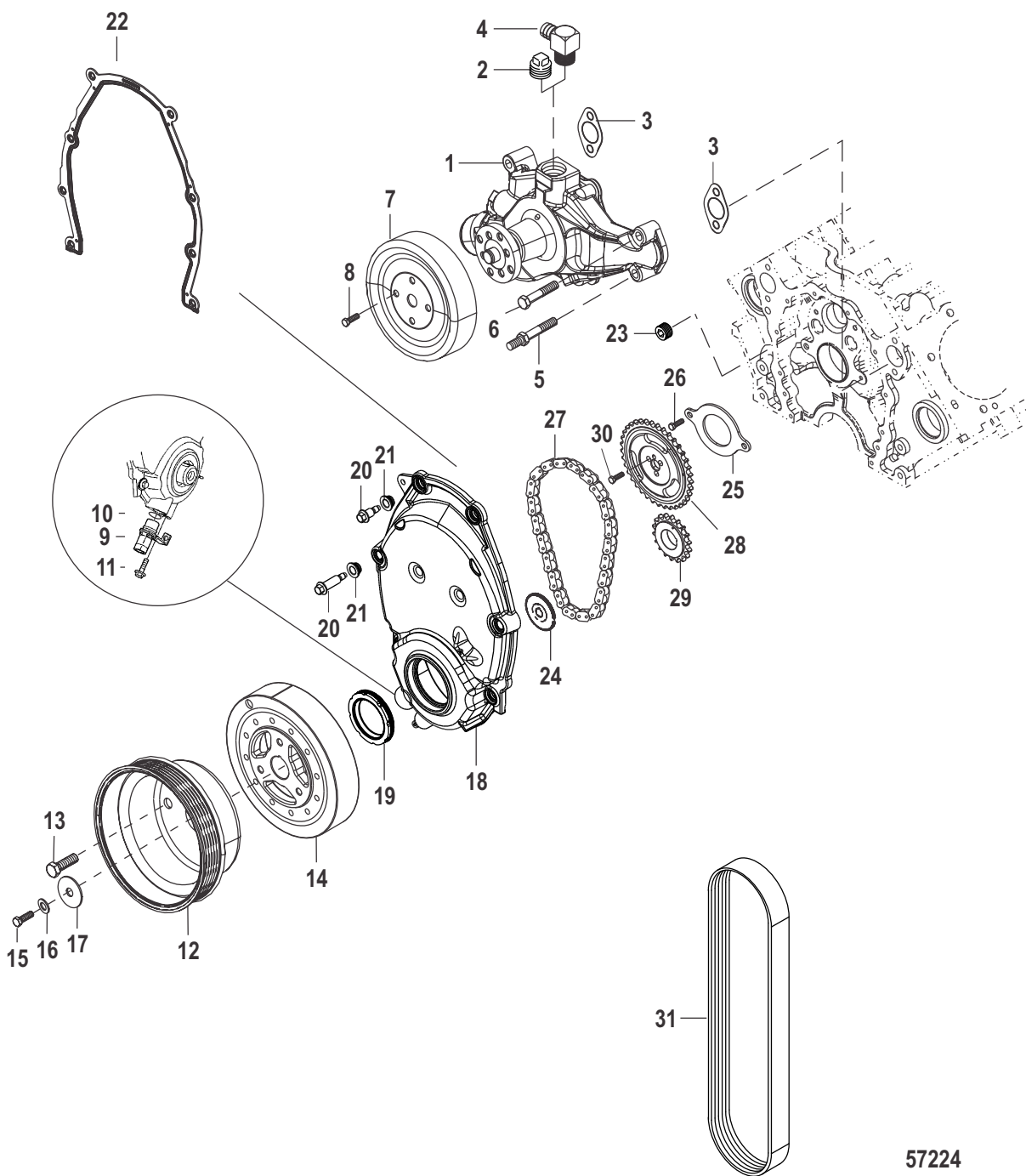
Front Cover and Circulating Pump

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0046	879194401	PUMP ASSEMBLY		1	[1]
2	0022	879194370	PLUG Pipe	(Standard Cooling)	1	[1]
3	0027	879194367	GASKET Water Pump		2	[2]
4	0022	860346	FITTING Elbow (90 Degree) (.750)	(Closed Cooling)	1	
5	0016	35342	STUD (.312-24/.375-16 x 2.5625)		2	[1]
6	0010	32132	SCREW (.375-16 x 1.750)		2	[1]
6	0010	47688	SCREW (.375-16 x 2.750)		1	[1]
7	0000	807729T	PULLEY	Standard Cooling	1	[1]
7	0000	865047T	PULLEY	Closed Cooling	1	[1]
8	0010	47277	SCREW (.312-24 x .750)		4	[1]
9	0000	879194363	SENSOR ASSEMBLY Crankshaft Position		1	[1]
10	0025	885192	O-RING		1	[2]
11	0010	884018001	SCREW		1	[1]
12	0000	807730T	PULLEY Crankshaft		1	
13	0010	34352	SCREW (.375-24 x .875)		3	
14	0000	888776T	HARMONIC BALANCER		1	[1]
15	0010	8M2021674	SCREW (.437-20 x 2.50)		1	
16	0013	39131	LOCKWASHER (.437)		1	[1]
17	0012	71458	WASHER		1	[1]
18	0000	879194362	COVER ASSEMBLY Timing		1	[1]
19	0026	879194365	SEAL Oil		1	[2]
20	0010	879194369	BOLT Timing Cover		6	[1]
21	0026	888782	GROMMET Timing Cover		6	[2]
22	0027	8M0069696	GASKET		1	
23	0019	816565	PLUG Cup (.468)		1	[1]
24	0000	879194344	RELUCTOR WHEEL		1	[1]
25	0000	824333	RETAINER Camshaft		1	[1]
26	0010	824334	SCREW (.250-20 x .500)		2	[1]
27	0000	8M0050619	TIMING CHAIN SET Chain and Sprockets		1	[1]
28		NSS	NOT SOLD SEPARATE Camshaft Sprocket		1	[1]
29		NSS	NOT SOLD SEPARATE Crankshaft Sprocket		1	[1]
30	0010	824329	SCREW (.312-18 x .750)		3	[1]
31	0057	8M2018590	BELT Serpentine	(Alpha-Standard Cooling)	1	
31	0057	8M2018984	BELT Serpentine	(Bravo-Standard Cooling)	1	
31	0057	879288Q20	BELT Serpentine	(Closed Cooling)	1	
-	0027	807756A02	GASKET SET Engine Overhaul		1	
-	0000	879150A31	LONG BLOCK (4.3L)		1	[3]

PART NOTES:

- [1] - Component of Long Block Assembly 879150A31
 [2] - Component of Engine Overhaul Gasket Set 807756A02
 Component of Long Block Assembly 879150A31

Front Cover and Circulating Pump

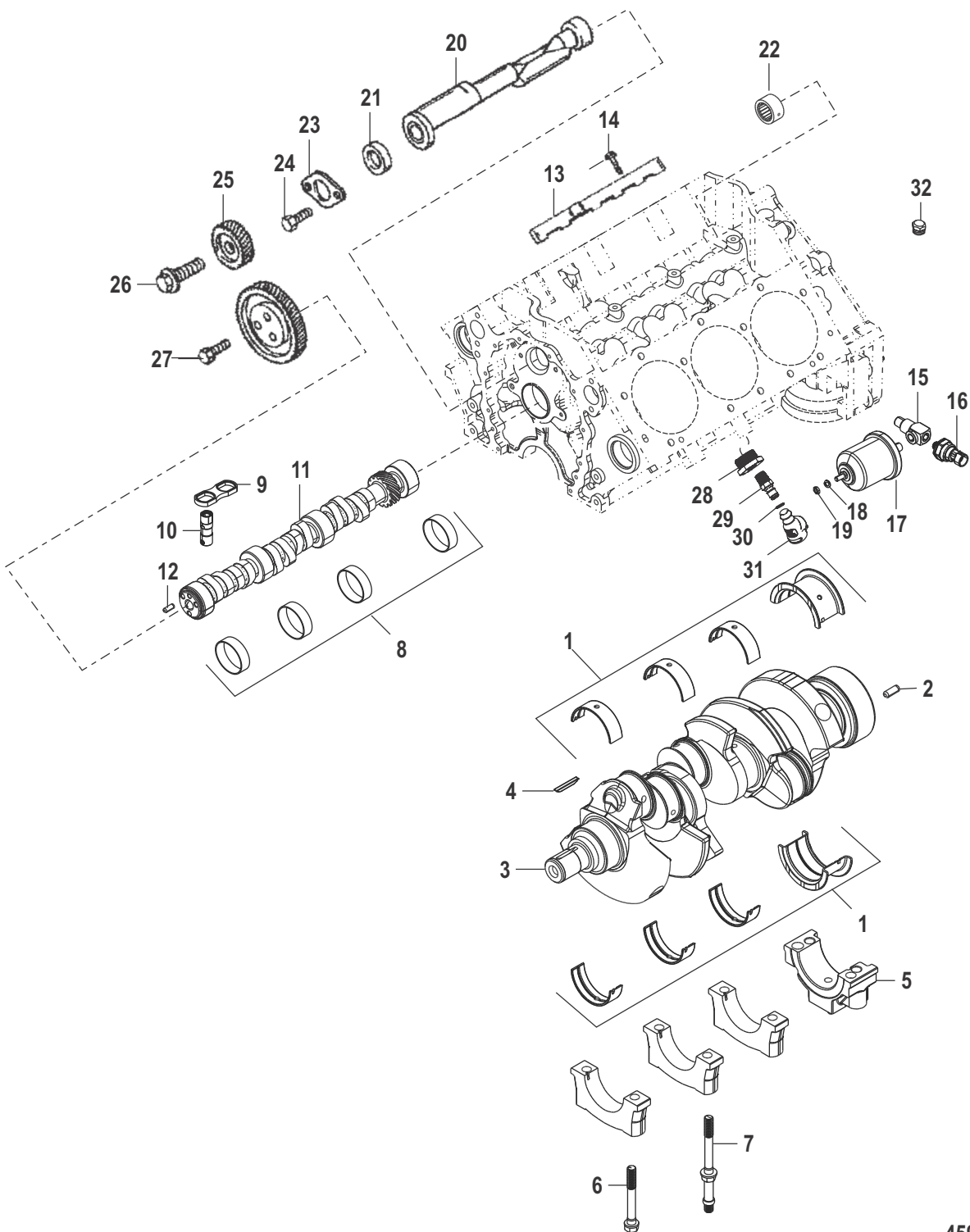


57224

Front Cover and Circulating Pump

- [3] - Alternate part numbers:
- 879150A31QS
 - 879150R31Reman
 - 8M0150280Reman

Cylinder Block Camshaft, Crankshaft and Balanceshaft

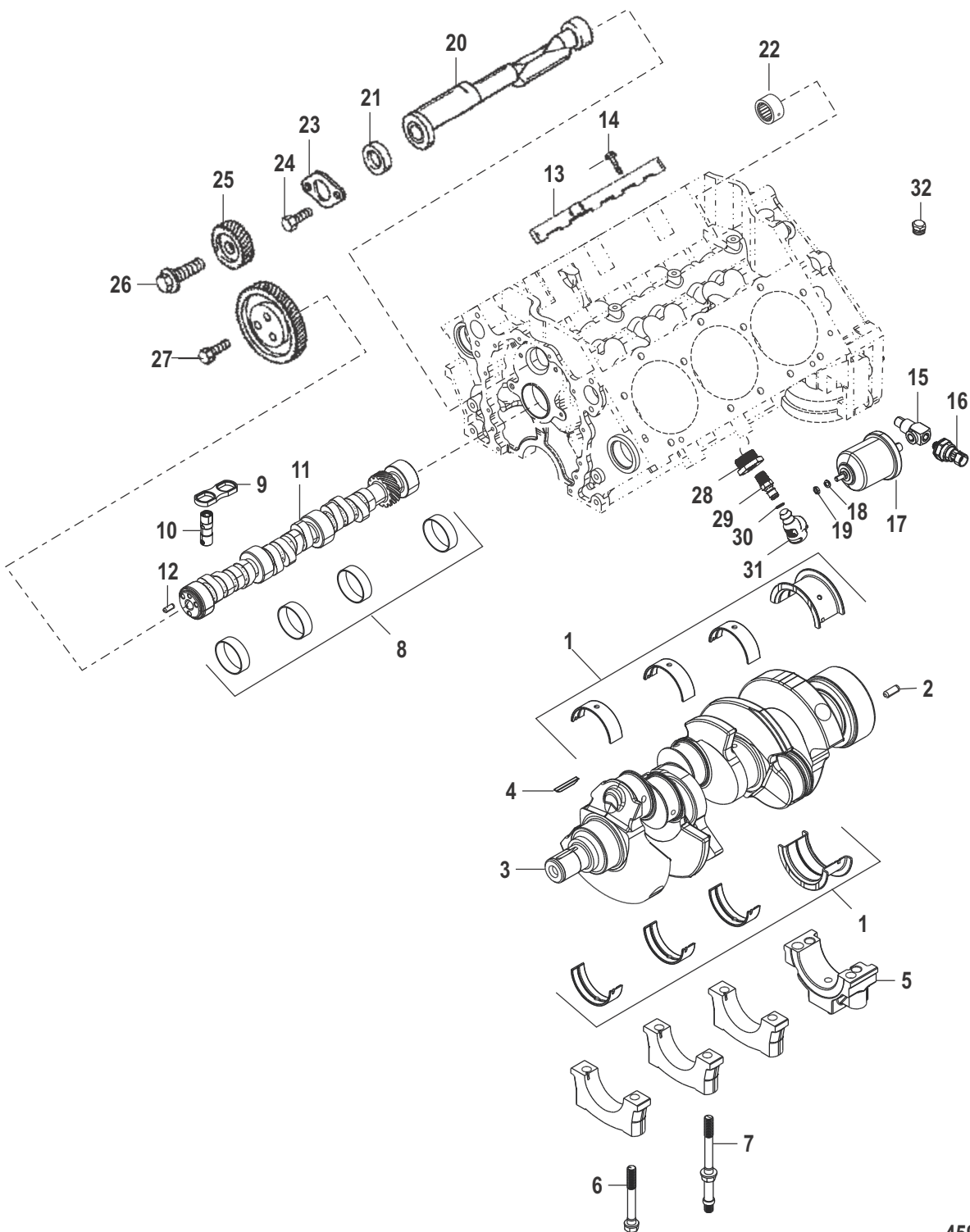


45969

Cylinder Block Camshaft, Crankshaft and Balanceshaft

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0023	818465	BEARING SET 5 Pair	(Standard)	1	[1]
1	0023	818466	BEARING SET 5 Pair	(.001 Undersize)	AR	
1	0023	818467	BEARING SET 5 Pair	(.010 Undersize)	AR	
1	0023	818468	BEARING SET 5 Pair	(.020 Undersize)	AR	
2	0017	43504	PIN Dowel		2	[1]
3	0429	804911001	CRANKSHAFT		1	[1]
4	0028	8184851	KEY Crankshaft		2	[1]
5		NSS	NOT SOLD SEPARATE Cap-Crankshaft Bearing		0	[1]
6	0010	888778	SCREW Crankshaft Bearing Cap		8	[1]
7	0016	54790	STUD Crankshaft Bearing Cap		5	[1]
8	0023	85674	BEARING SET		1	[1]
9	0000	17341T	GUIDE Lifter Lifter		6	[1]
10	0000	8118441	LIFTER Roller		12	[1]
11	0431	803186	CAMSHAFT		1	[1]
12	0017	353121	PIN Dowel		1	[1]
13	0000	8243311	RETAINER Lifter Guide		2	[1]
14	0010	8243321	SCREW (.312-18 x .625)		3	[1]
15	0022	864669	FITTING		1	
16	0000	881879T11	SENSOR Pressure (0 - 100 PSI) Oil Pressure		1	
17	0000	815425T	SENDER ASSEMBLY Oil Pressure		1	
17	0000	37293T	SENDER ASSEMBLY Oil Pressure	(Dual Station)	OPT	
18	0013	26996	LOCKWASHER (#10) Stainless Steel		1	
19	0011	68219	NUT (#10-32) Stainless Steel		1	
20	0000	8241481	BALANCED SHAFT		1	
21		NSS	NOT SOLD SEPARATE BEARING		1	
22	0031	824150	BEARING Needle Rear		1	
23	0000	824153	RETAINER Balance Shaft		1	
24	0010	845943	SCREW (.250-20 x .500)		2	
25	0043	8241511	GEAR KIT Balance Shaft		1	
26	0010	824152	SCREW		1	
27	0010	824329	SCREW (.312-18 x .750)		3	
28	0022	8M2005622	FITTING Reducer (M28 x .250)	(Port)	1	
29	0022	862603	FITTING		2	
30	0025	627021	O-RING (.301 x .070)		2	
31	0022	862225	FITTING		2	
32	0022	328022	PLUG Pipe (.125-27) Brass Top of Block		1	
-	0092	809825	RTV SILICONE (3 Ounce Tube) Metallic Blue Where Applicable		1	
-	0092	34227Q02	SEALING COMPOUND Where Applicable		1	[2]
-	0000	879150A31	LONG BLOCK (4.3L)		1	[3]

Cylinder Block Camshaft, Crankshaft and Balanceshaft



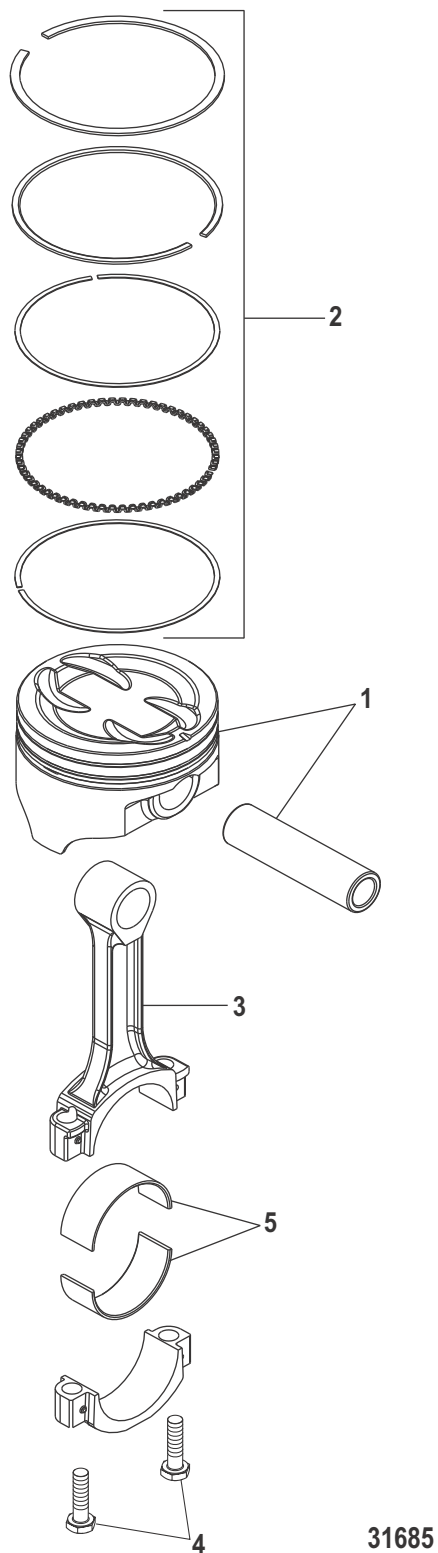
45969

Cylinder Block Camshaft, Crankshaft and Balanceshaft

PART NOTES:

- [1] - Component of Long Block Assembly 879150A31
- [2] - Alternate part numbers:
34227Q02QS
- [3] - Alternate part numbers:
879150A31QS
879150R31Reman
8M0150280Reman

Pistons and Connecting Rods



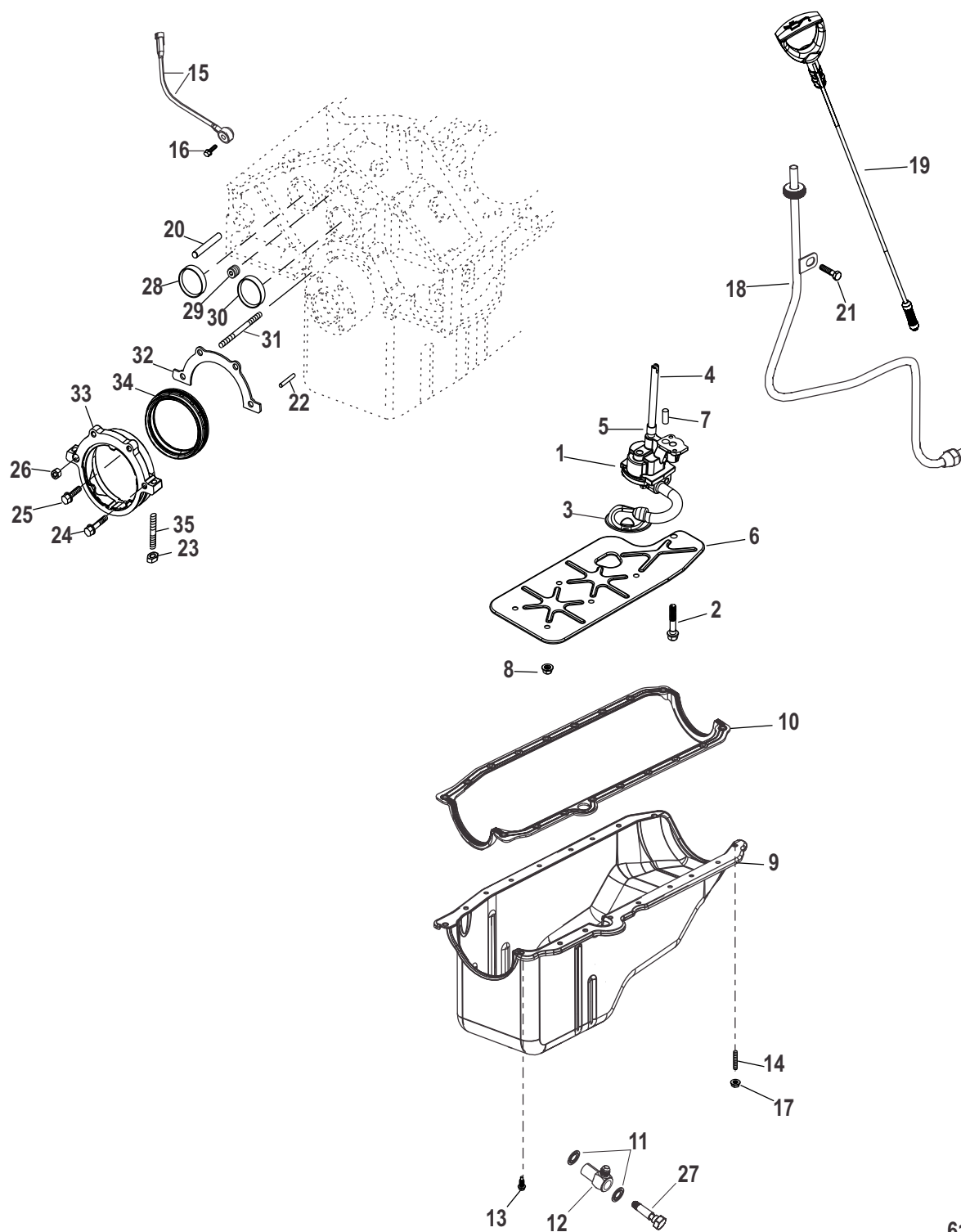
Pistons and Connecting Rods

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0735	835001T	PISTON ASSEMBLY	(Standard)	6	[1]
1	0735	835002T	PISTON ASSEMBLY	(.5MM Oversize)	AR	
2	0039	8018611	RING SET Piston	(Standard)	6	[1]
2	0039	835000	RING SET Piston	(.5MM Oversize)	AR	
3	0614	811839T02	CONNECTING ROD ASSEMBLY		6	[1]
4	0011	879194372	SCREW		12	
5	0023	11992001	BEARING ASSEMBLY (Pair-Standard)		1	[1]
5	0023	11993	BEARING	(Pair- .001 Undersize)	AR	
5	0023	811858001	BEARING	(Pair- .010 Undersize)	AR	
5	0023	811859	BEARING	(Pair- .020 Undersize)	AR	
-	0000	879150A31	LONG BLOCK (4.3L)		1	[2]

PART NOTES:

- [1] - Component of Long Block Assembly- 879150A31
- [2] - Alternate part numbers:
- 879150A31QS
- 879150R31Reman
- 8M0150280Reman

Oil Pan Oil Pump and Rear Oil Seal



61186

Oil Pan Oil Pump and Rear Oil Seal

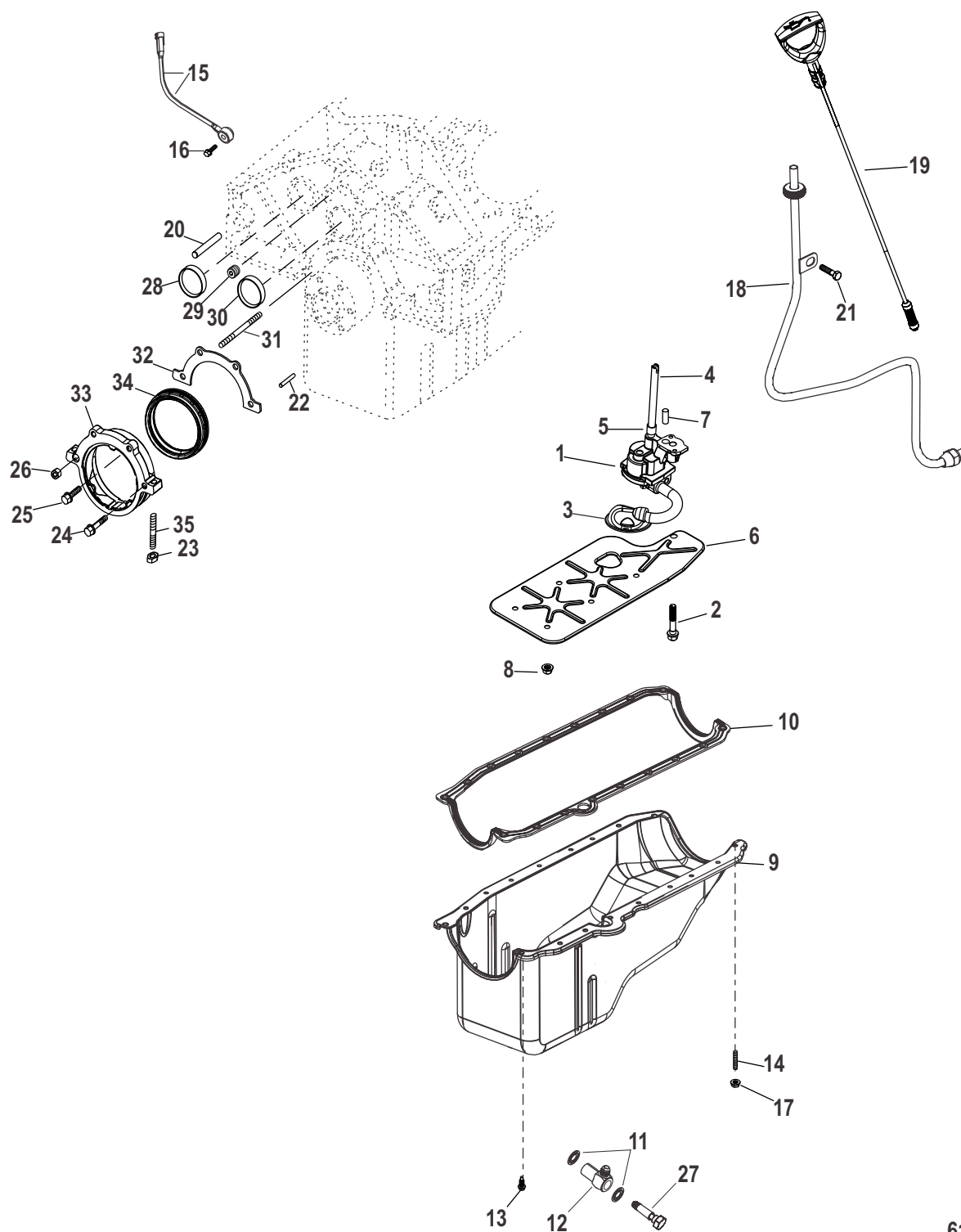
Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	809907002	PUMP ASSEMBLY Oil		1	[1]
2	0010	17346	SCREW Oil Pump		1	[1]
3	0000	8099081	SCREEN Oil Pump Pick-Up		1	[1]
4	0000	36184	SHAFT		1	[1]
5	0023	36183	RETAINER		1	[2]
6		NSS	NOT SOLD SEPARATE Oil Deflector Included with Pan		1	[1]
7	0017	843378	PIN Dowel Alignment, Oil Pump		1	[1]
8	0011	845602	NUT (.375-16)		5	[1]
9	0000	804912T02	PAN Oil		1	[1]
10	0027	14247T02	GASKET SET Oil Pan		1	[3]
11	0027	49955	GASKET Drain Screw		2	[3]
12	0022	862813	FITTING Tee		1	
13	0010	726071	SCREW (5/16-18x x .875)		10	[1]
14	0016	11989	STUD (.312-18 x 1.6718)		2	[1]
15	0000	878187	SENSOR ASSEMBLY Knock		1	
16	0010	F430732	SCREW (.312-18 x 1.250) Stainless Steel		1	
17	0011	11971	NUT (.312-18)		4	[1]
18	0000	8M2018901	TUBE Dipstick		1	
19	0000	8M0054023	DIPSTICK Oil		1	
20	0017	43504	PIN Dowel Flywheel Housing Location		1	[1]
21	0010	98261	SCREW (.375-16 x .750)		1	[1]
22	0017	14263	PIN Dowel Oil Seal Housing Location		1	[1]
23	0011	11971	NUT (.312-18)		2	[1]
24	0010	14243	BOLT (.250-20 x 1.750)		1	[1]
25	0010	14242	BOLT (.250-20 x .875)		2	[1]
26	0011	8167301	NUT		1	[1]
27	0022	8M2016778	FITTING Banjo		1	
28	0019	34270	EXPANSION PLUG (1.625) Engine Core Hole		8	[1]
29	0022	48358T	PLUG (.375) Oil Galley		3	[1]
30	0022	72640	PLUG Expansion, Camshaft Bearing Hole		1	[1]
31	0016	148271	STUD		2	[1]
32	0027	881715	GASKET Crankshaft Oil Seal Housing		1	[3]
33	0000	804910001	RETAINER Crankshaft Oil Seal		1	[1]
34	0026	879194364	SEAL Crankshaft Oil		1	[3]
35	0016	11989	STUD (.312-18 x 1.6718)		2	[1]
-	0027	807756A02	GASKET SET Engine Overhaul		1	
-	0000	879150A31	LONG BLOCK (4.3L)		1	[4]

PART NOTES:

- [1] - Component of Long Block Assembly 879150A31
- [2] - Component of Long Block Assembly 879150A31
Component of Long Block Assembly 879150A31

Oil Pan Oil Pump and Rear Oil Seal

Oil Pan Oil Pump and Rear Oil Seal

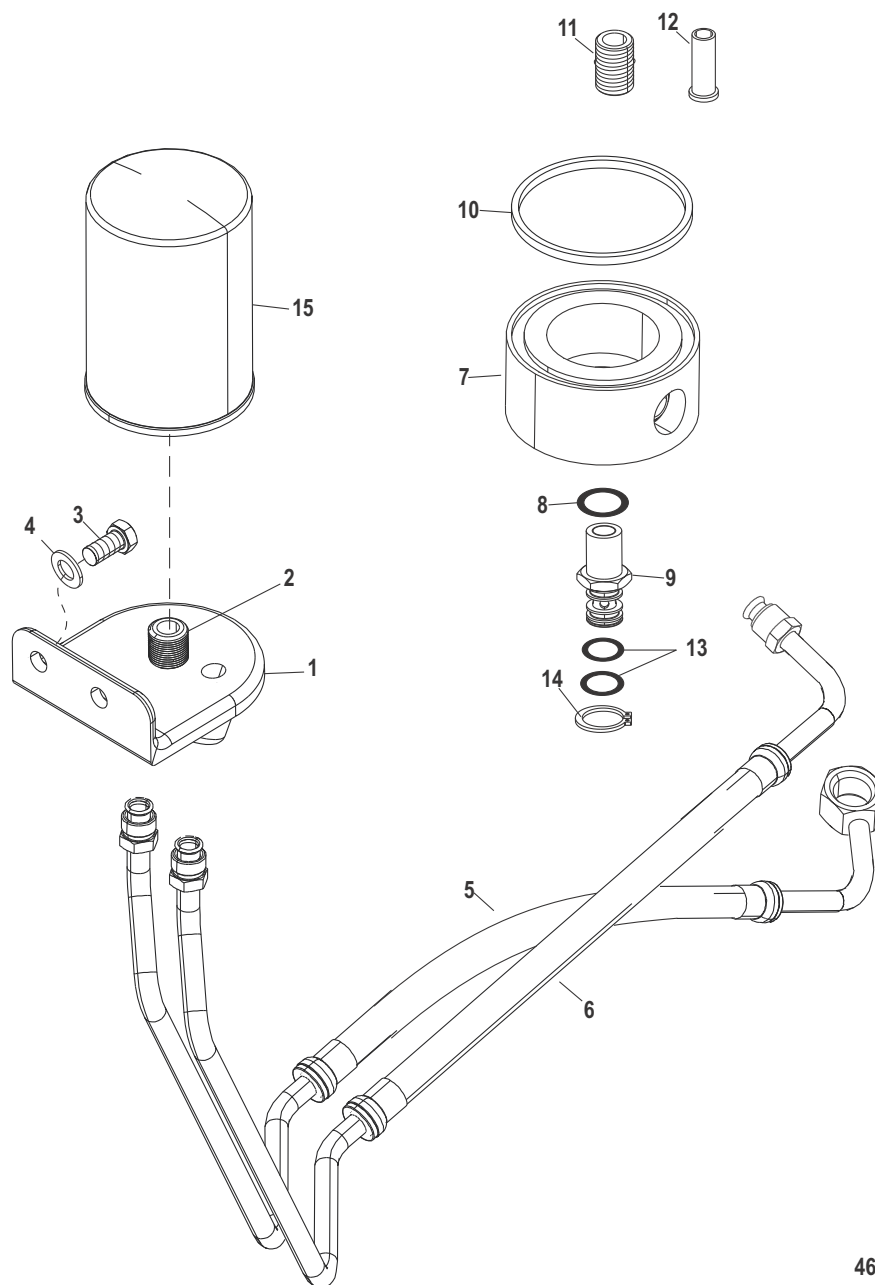


61186

Oil Pan Oil Pump and Rear Oil Seal

- [3] - Component of Engine Overhaul Gasket Set 807756A02
 Component of Long Block Assembly 879150A31
- [4] - Alternate part numbers:
 879150A31QS
 879150R31Reman
 8M0150280Reman

Remote Oil Filter



46036

Remote Oil Filter

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	863732T1	BRACKET Oil Filter		1	
2	0022	863485	FITTING		1	
3	0010	98261	SCREW (.375-16 x .750)		2	
4	0012	20553	WASHER (.406 x .734 x .063)		2	
5	0032	8M2020160	HOSE Oil	(To Adaptor)	1	
6	0032	8M2020111	HOSE Oil	(From Adaptor)	1	
7	0000	860091T	ADAPTER		1	
8	0026	42077	SEAL		1	[1]
9	0022	8637131	FITTING		1	
10	0027	16779	GASKET		1	[1]
11	0000	11972	ADAPTER		1	
12	0022	878050	VALVE Bypass		1	
13	0025	843353	O-RING		2	
14	0053	62750	CLIP		1	
15	0035	866340Q03	FILTER Oil - Quicksilver Brand	(Quicksilver Brand)	1	[2]
15	0035	866340K01	FILTER Oil - Mercury Brand	(Mercury Brand)	1	[2]

PART NOTES:

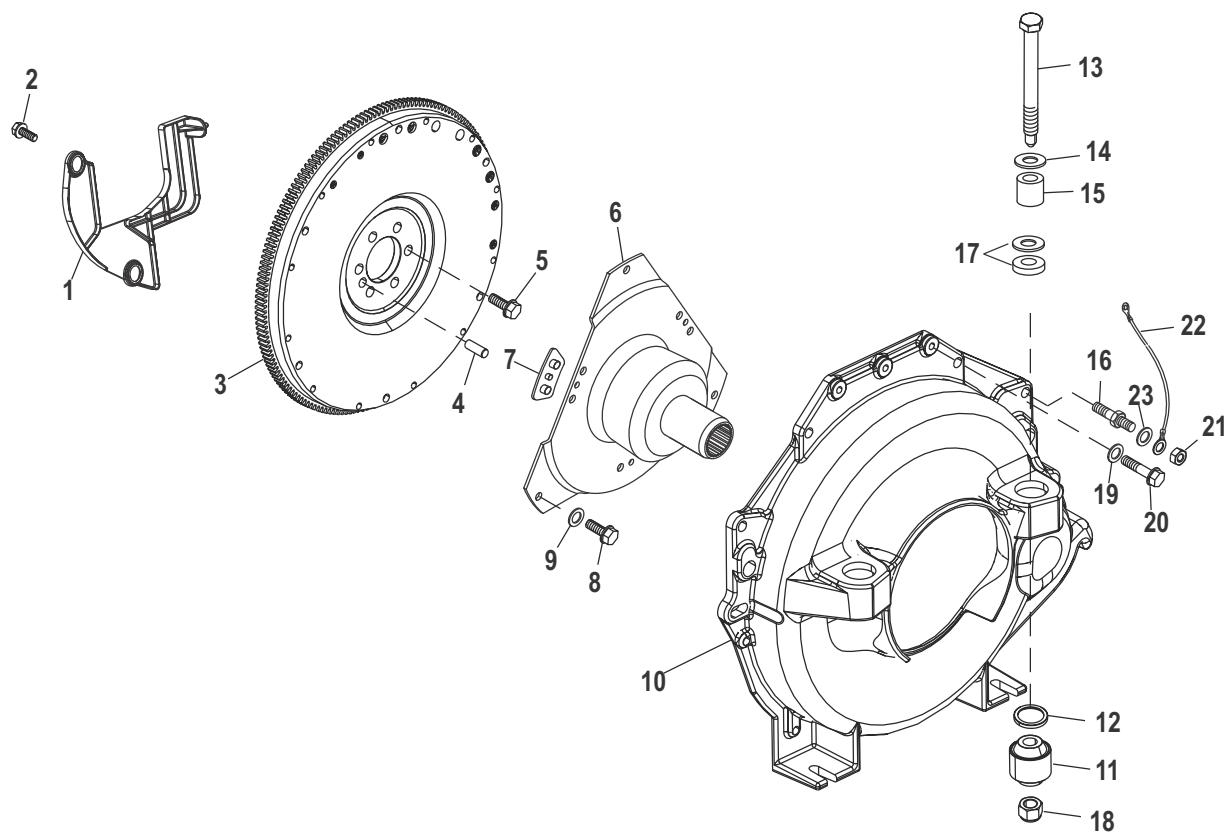
- [1] - Component of Engine Overhaul Gasket Set 807756A02
 [2] - Alternate part numbers:

866340K01MPP

866340Q02Service Part

866340Q03QS

Flywheel Coupler and Flywheel Housing



12716

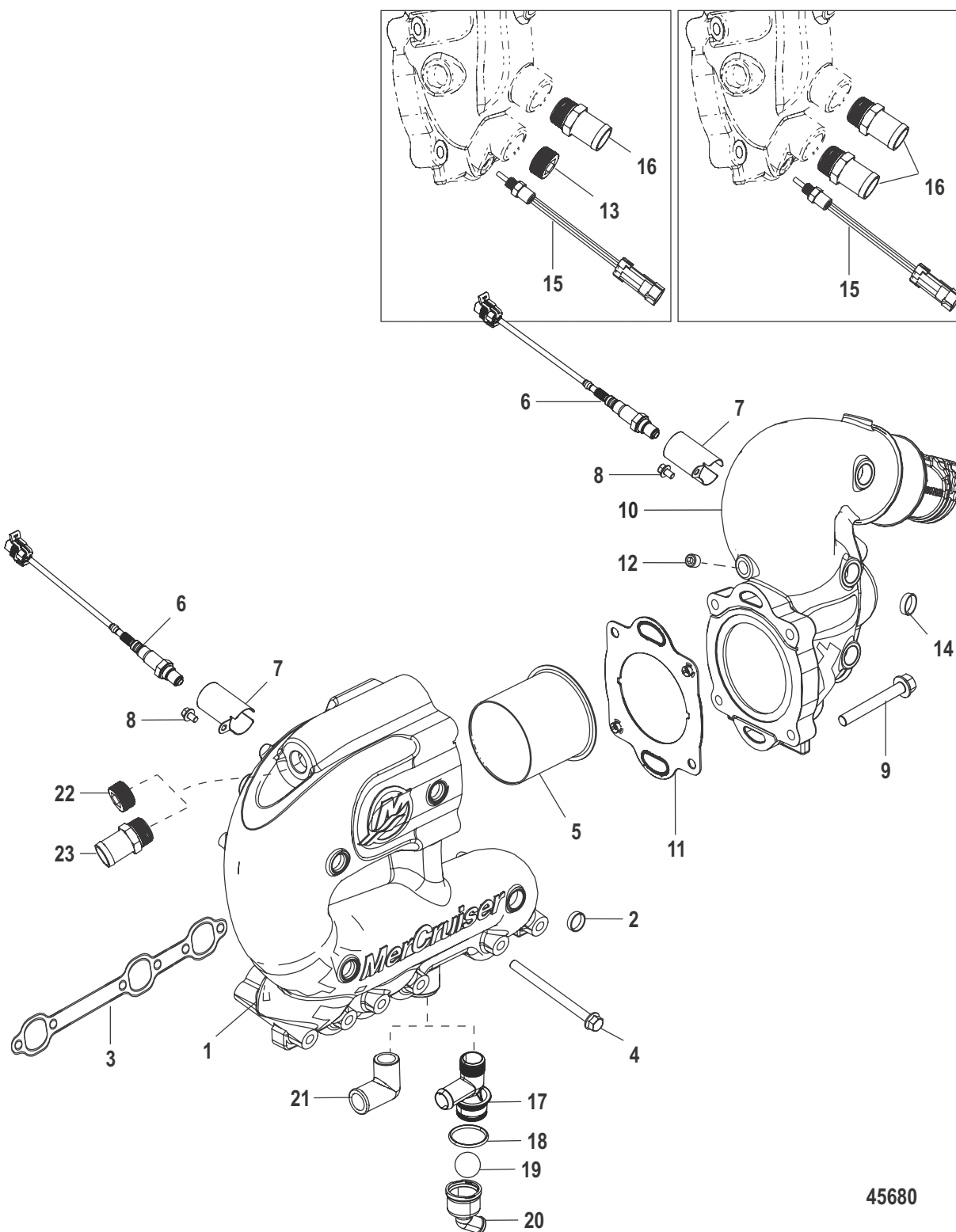
Flywheel Coupler and Flywheel Housing

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	807456A2	COVER		1	
2	0010	76596	SCREW (.250-20 x 1.250)		2	
3	0222	804913	FLYWHEEL		1	[1]
4	0017	43504	PIN Dowel Flywheel		2	[1]
5	0010	845757	SCREW (.437-20 x 1.00)		6	[1]
6	0000	18643A5	COUPLING ASSEMBLY		1	
NS	0022	74036	FITTING Grease		1	
7	0000	18644	BUMPER Rubber		3	
8	0010	14883	SCREW (.375-16 x 1.12)		3	
9	0012	13510	WASHER		3	
10	0000	865657A03	HOUSING ASSEMBLY Flywheel Flywheel		1	
11	0000	865329A02	MOUNT KIT Rubber		1	
12	0023	99322	SPACER		2	
13	0010	97934	SCREW (.500-20 x 5.370) Special		2	
14	0012	35777	WASHER (.5156 x 1.375 x .125) Aluminum		2	
15	0023	99299	SPACER (.520 x .870 x .630)		2	
16	0016	861577	STUD Double Ended Metric (M10)		2	
17	0012	892619A01	SHIM KIT Rear Engine Mount	(Where Applicable)	1	
18	0011	863332	NUT (.500-20) Aluminum		2	
19	0012	34567	WASHER		4	
20	0010	40001197	SCREW (M10 x 35)		3	
20	0010	40001203	SCREW (M10 x 45)		1	
21	0011	40125100	NUT (M10)		2	
22	0084	62826T06	CABLE ASSEMBLY Ground (13.00 Inches) Black		2	
23	0013	400248	LOCKWASHER (M10)		2	

PART NOTES:

[1] - Component of Long Block Assembly- 864256A 2

Exhaust Manifold and Elbow

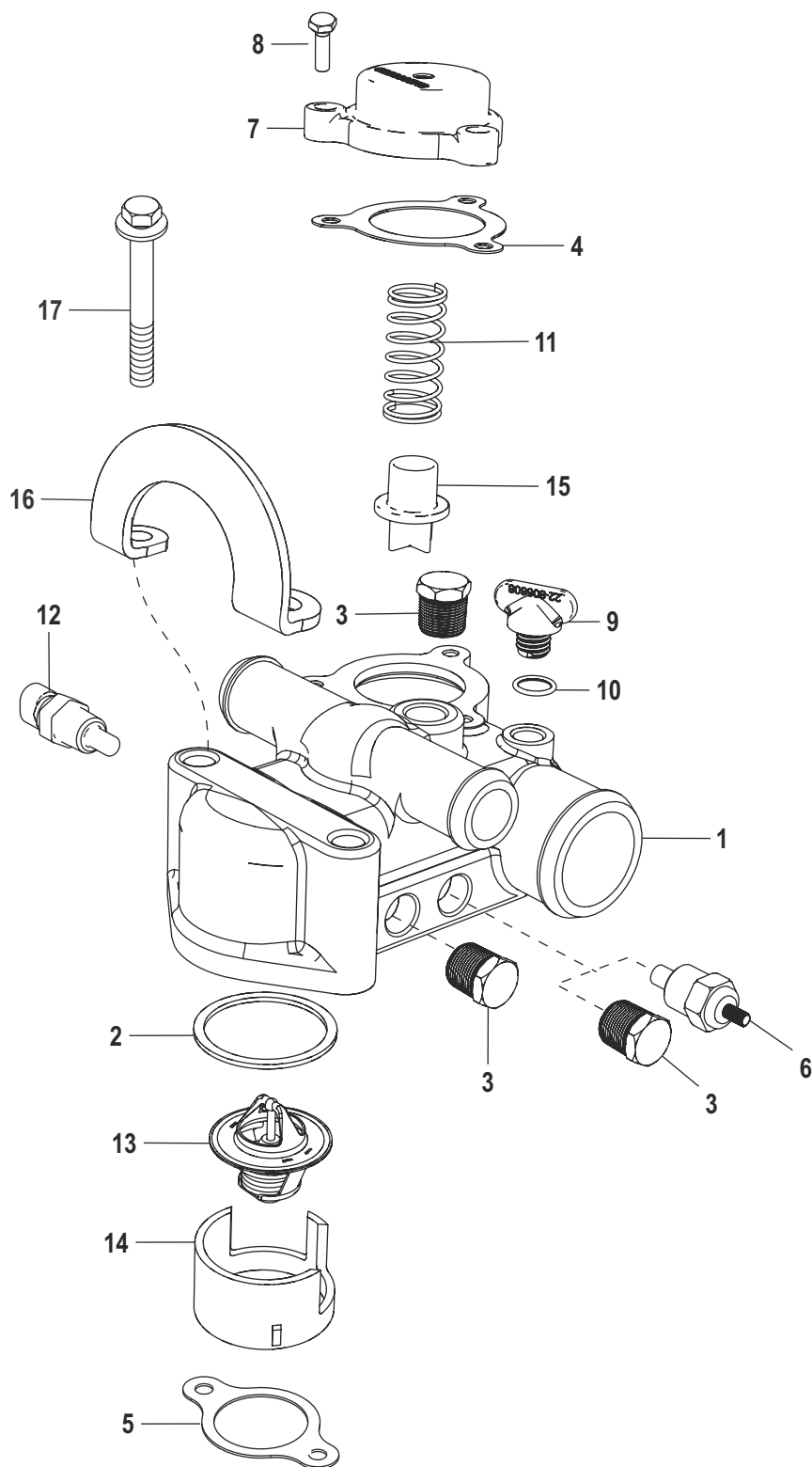


45680

Exhaust Manifold and Elbow

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	8M0053875	MANIFOLD ASSEMBLY Exhaust Port		1	
1	0000	8M0053876	MANIFOLD ASSEMBLY Exhaust Starboard		1	
2	0019	864689	PLUG Expansion		10	
3	0027	99757	GASKET		1	
4	0000	8M2000229	SCREW (.375-16 x 4.75)		6	
5	0000	8M0053878	CATALYST		2	
6	0000	8M2003959	SENSOR Oxygen		4	
7	0000	8M2004597	BRACKET Cover		4	
8	0010	8M2007128	SCREW (1/4-20) Hex Flange		4	
9	0010	668631	SCREW (.375-16 x 2.500)		4	
10	0000	879288A19	ELBOW ASSEMBLY No Rise, Port		1	
10	0000	879288A21	ELBOW ASSEMBLY No Rise, Starboard		1	
10	0000	879288A25	ELBOW ASSEMBLY 2 Inch Riser	(Includes Port & Starboard)	1	
10	0000	879288A28	ELBOW ASSEMBLY 4 Inch Riser	(Includes Port & Starboard)	1	
10	0000	879288A30	ELBOW ASSEMBLY 6 Inch Riser	(Includes Port & Starboard)	1	
11	0027	8M2004606	GASKET	Closed Cooling	2	
11	0027	8M2004414	GASKET	Standard Cooling	2	
12	0022	73379	PLUG (.250-18)		AR	
13	0022	428611	FITTING Pipe - Brass (.750-14)	(Standard Cooling)	2	
14	0019	864689	PLUG Expansion		4	
15	0000	885342002	SENSOR ASSEMBLY		2	
16	0022	866725	FITTING Straight (.750-14)	(Standard Cooling)	2	
16	0022	866725	FITTING Straight (.750-14)	(Closed Cooling)	4	
17	0022	863786A1	FITTING ASSEMBLY	(Standard Cooling)	2	
18	0025	864701	O-RING (1.112 x .103)	(Standard Cooling)	2	
19	0030	863129	BALL	(Standard Cooling)	2	
20	0000	862994T	FITTING	(Standard Cooling)	2	
21	0022	36305T	ELBOW	(Closed Cooling)	2	
22	0022	428611	FITTING Pipe - Brass (.750-14)	(Standard Cooling)	2	
23	0022	866725	FITTING Straight (.750-14)	(Closed Cooling)	2	

Thermostat and Housing Standard Cooling



45958

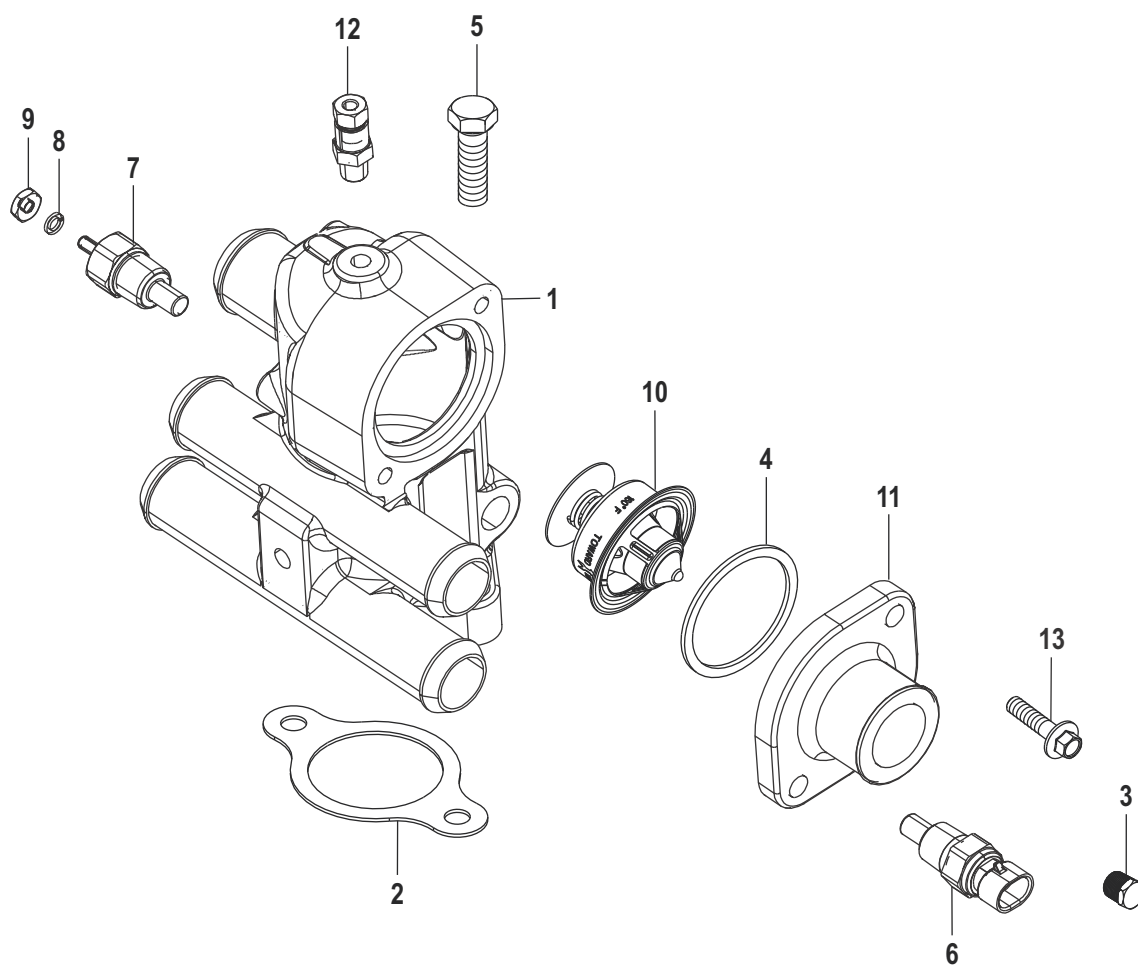
Thermostat and Housing Standard Cooling

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	879172A11	HOUSING ASSEMBLY Thermostat		1	
2	0027	806871	GASKET		1	[1]
3	0022	32803	PLUG Pipe (.375-18) Brass		3	
4	0027	8M2010475	GASKET Poppet Cover		1	
5	0027	530451	GASKET		1	[2]
6	0000	806490T	SENDER	(Mechanical Throttle and Shift)	1	
7	0000	8M8020473	CAP Thermostat		1	
8	0010	28668	SCREW (.250-20 x .875) Stainless Steel		3	
9	0022	806608A02	PLUG ASSEMBLY (.500-13) Blue		1	[3]
10	0025	26802	O-RING (.424 x .103)		1	
11	0024	64878	SPRING (Black)		1	
12	0000	805218T	SENSOR		1	
13	0000	807252T1	THERMOSTAT 60 Degree C (140 Degree F)		1	[4]
14	0023	806922	SLEEVE		1	
15	0000	8M2010186	POPPET		1	
16	0000	12552	LIFTING EYE		1	
17	0010	4010775	SCREW (M8 x 75)		2	

PART NOTES:

- [1] - Component of Engine Overhaul Gasket Set 807756A02
- [2] - Alternate part numbers:
53045 1Service Part
53045Q01QS
Component of Engine Overhaul Gasket Set 807756A02
- [3] - Alternate part numbers:
806608A02Service Part
806608Q01QS
- [4] - Alternate part numbers:
807252Q 4QS Kit
807252T 1Service Part
807252T 4MPP Kit

Thermostat and Housing Closed Cooling



33455

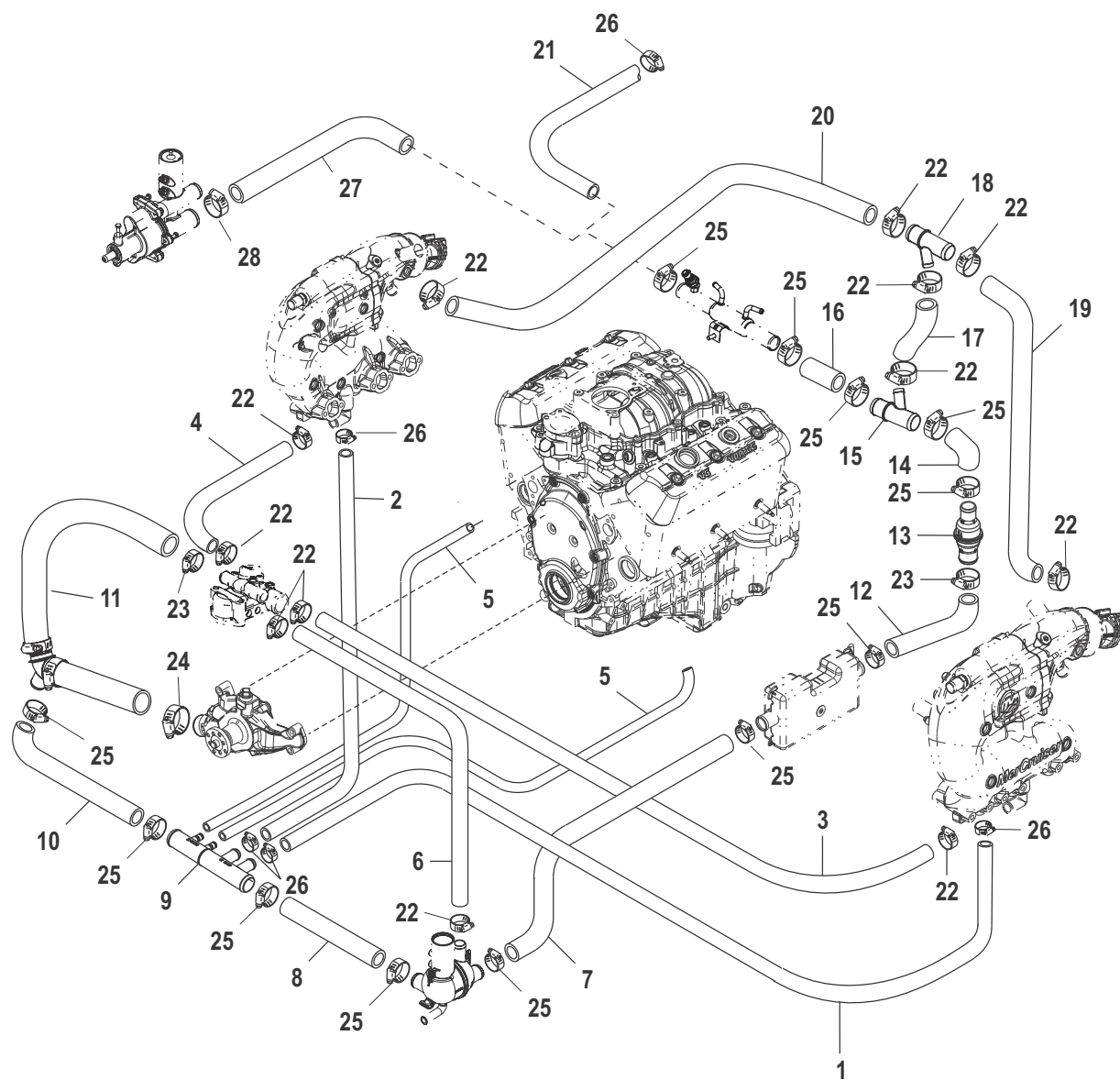
Thermostat and Housing Closed Cooling

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	864398T1	HOUSING ASSEMBLY Thermostat		1	
2	0027	530451	GASKET Thermostat Housing		1	[1]
3	0022	32803	PLUG Pipe (.375-18) Brass		2	
4	0025	8071341	SEAL Thermostat		1	
5	0010	4010735	SCREW (M8 x 35)		2	
6	0000	805218T	SENSOR		1	
7	0000	806490T	SENDER Temperature		1	
7	0000	49734	SENDER Water Temperature	Dual Station	OPT	
8	0013	26996	LOCKWASHER (#10) Stainless Steel		1	
9	0011	68219	NUT (#10-32) Stainless Steel		1	
10	0000	864493	THERMOSTAT 77°C (170°F)		1	
11	0000	807075A1	COVER Thermostat Housing		1	
12	0022	818390	DRAIN COCK		1	
13	0010	29198	SCREW AND LOCKWASHER (.312-18 x .875) With Lockwasher		2	

PART NOTES:

- [1] - Alternate part numbers:
- 53045 1Service Part
- 53045Q01QS

Standard Cooling Alpha Single Pt (With Handle) / Bravo 3 Pt



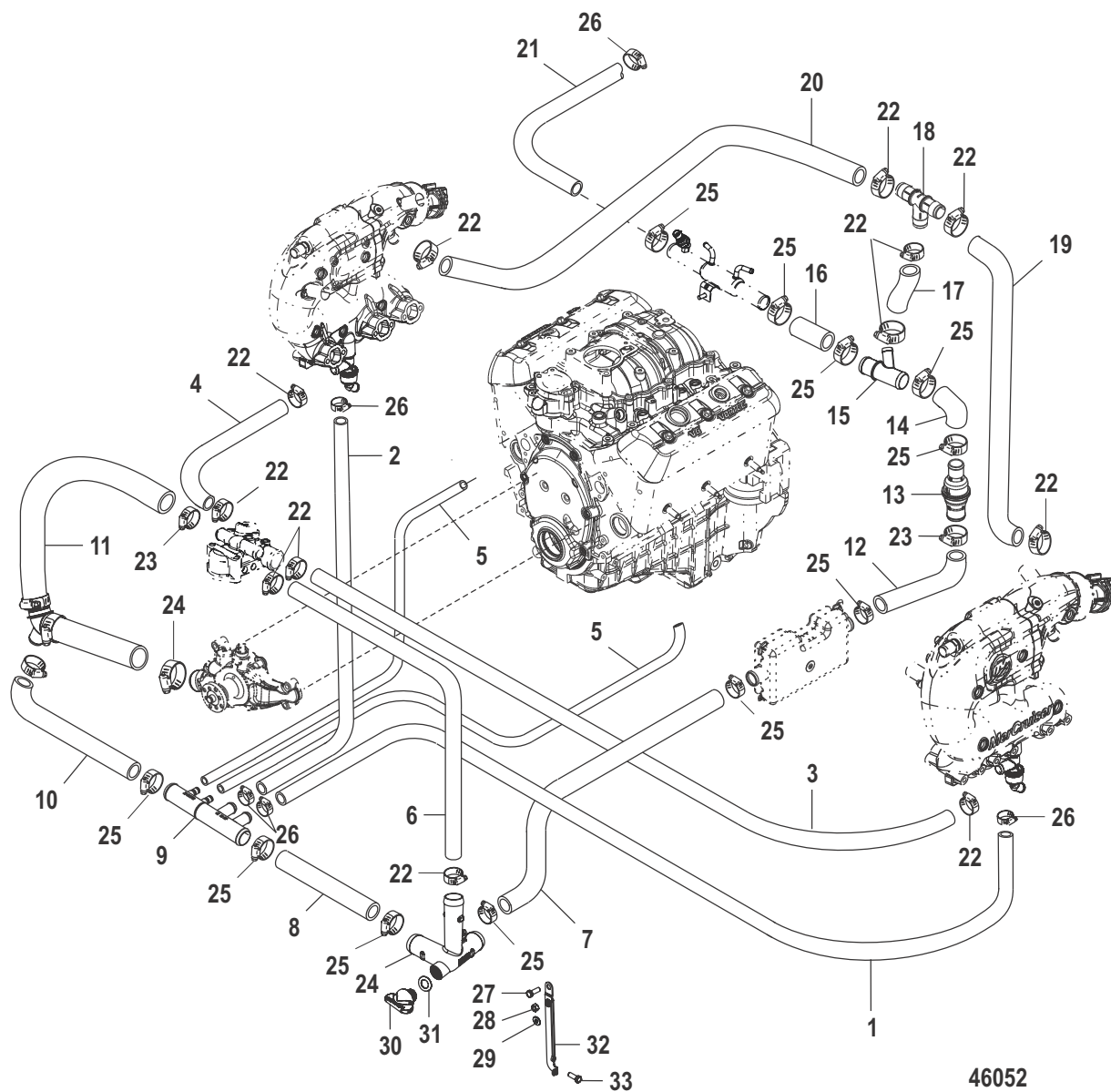
46012

Standard Cooling Alpha Single Pt (With Handle) / Bravo 3 Pt

Standard Cooling Alpha Single Pt (With Handle) / Bravo 3 Pt

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0032	8M2021553	HOSE Port Manifold to Distribution Fitting		1	
2	0032	4285069	HOSE (44.00 Inches Bulk) Starboard Manifold to Distribution Fitting	(Cut to 22 Inches)	1	
3	0032	8M2019570	HOSE Thermostat Housing to Port Manifold		1	
4	0032	8M2018584	HOSE Thermostat Housing to Starboard Manifold		1	
5	0032	8623175	HOSE Cylinder Block Drain to Distribution Fitting	(Port - 24 Inches, Starboard - 15 Inches)	2	
6	0032	8M2023367	HOSE Thermostat Housing to Distribution Housing		1	
7	0032	863781	HOSE Distribution Housing to Fuel Cooler		1	
8	0032	863490	HOSE Distribution Housing to Distribution Fitting		1	
9	0022	864621A1	FITTING ASSEMBLY Distribution		1	
10	0032	8M2021613	HOSE Fitting to Fitting		1	
11	0032	8M2018851	HOSE ASSEMBLY Thermostat Housing to Circulation Pump		1	
12	0032	8M2020273	HOSE Check Valve to Fuel Cooler		1	
13	0021	864206A1	CHECK VALVE ASSEMBLY		1	
14	0032	8M2020274	HOSE Y-Fitting to Check Valve		1	
15	0022	8M2003728	Y-FITTING		1	
16	0032	8M2004196	HOSE Cooler to Y-Fitting		1	
17	0032	8M2012165	HOSE Y-Fitting to T-Fitting		1	
18	0022	8M2014002	FITTING Tee, Red Alpha		1	
18	0022	8M2014001	FITTING Tee, Green Bravo		1	
19	0032	8M2012166	HOSE T Fitting to Port Elbow		1	
20	0032	8M2012167	HOSE T Fitting to Starboard Elbow		1	
21	0032	807661	HOSE Transom to Cooler	Alpha	1	
22	0054	815504216	CLAMP Worm Gear (1.56 Diameter)		AR	
23	0054	815504228	CLAMP Worm Gear		AR	
24	0054	815504232	CLAMP Worm Gear (2.50 Diameter)		AR	
25	0054	815504222	CLAMP Worm Gear (1.98 Diameter)		AR	
26	0054	815504212	CLAMP Worm Gear		AR	
27	0032	8M2020990	HOSE Sea Pump to Cooler	Bravo	1	
28	0054	815504224	CLAMP Worm Gear		1	
NS	0019	8079923	COVER Clamp		AR	

Standard Cooling Alpha Single Point (With Drain Plug)

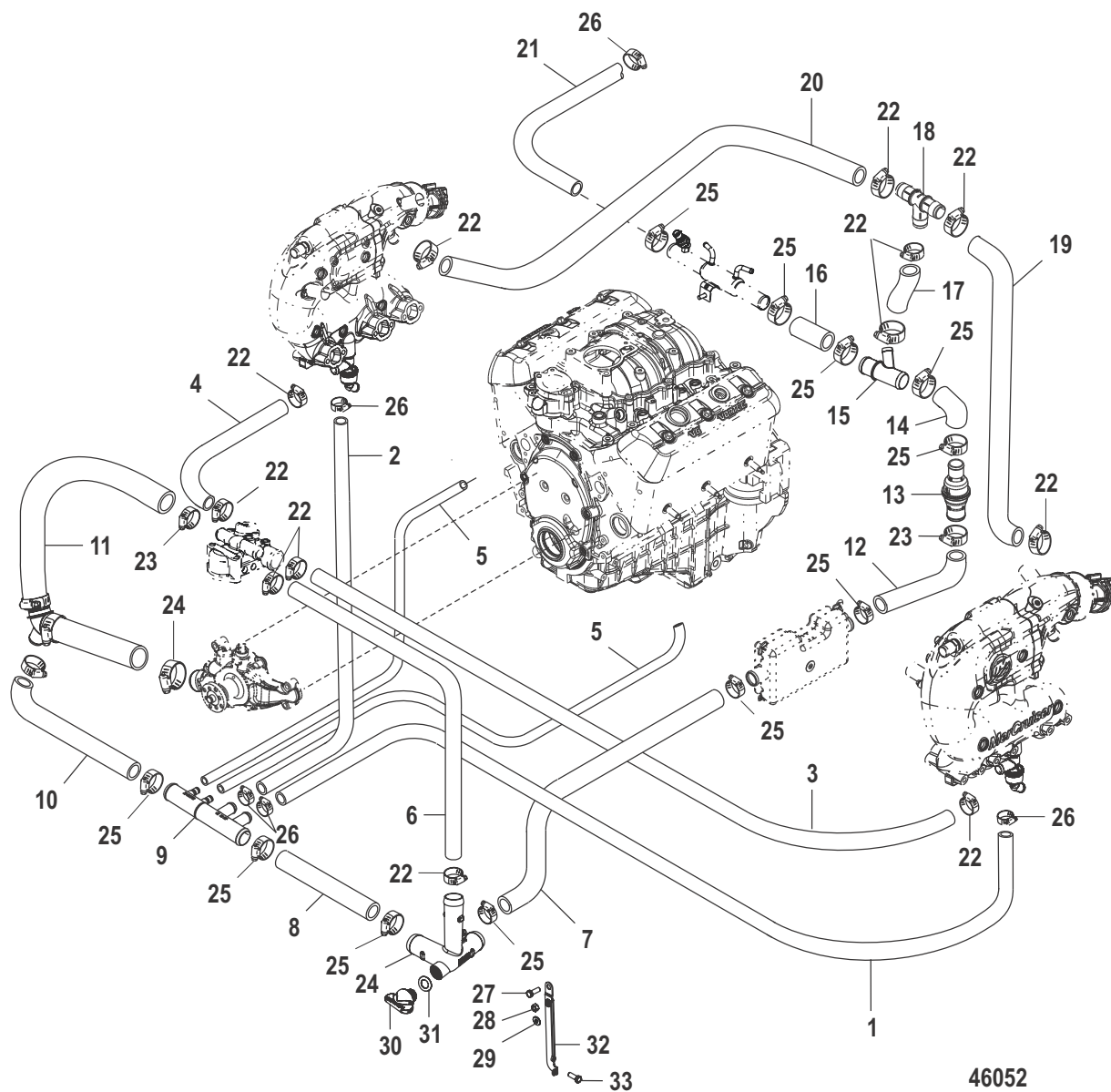


Standard Cooling Alpha Single Point (With Drain Plug)

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0032	8M2021553	HOSE Port Manifold to Distribution Fitting		1	
2	0032	4285069	HOSE (44.00 Inches Bulk) Starboard Manifold to Distribution Fitting	(Cut to 22 Inches)	1	
3	0032	8M2019570	HOSE Thermostat Housing to Port Manifold		1	
4	0032	8M2018584	HOSE Thermostat Housing to Starboard Manifold		1	
5	0032	8623175	HOSE Cylinder Block Drain to Distribution Fitting	(Port - 24 Inches, Starboard - 15 Inches)	2	
6	0032	8M2018839	HOSE Thermostat Housing to Distribution Housing		1	
7	0032	8M2021494	HOSE Fitting to Fuel Cooler		1	
8	0032	8M2021739	HOSE (2.75 Inches) Distribution Housing to T-Fitting		1	
9	0022	864621A1	FITTING ASSEMBLY Distribution		1	
10	0032	8M2021515	HOSE Fitting to Fitting		1	
11	0032	8M2018851	HOSE ASSEMBLY Thermostat Housing to Circulation Pump		1	
12	0032	8M2020273	HOSE Check Valve to Fuel Cooler		1	
13	0021	864206A1	CHECK VALVE ASSEMBLY		1	
14	0032	8M2020274	HOSE Y-Fitting to Check Valve		1	
15	0022	8M2003728	Y-FITTING		1	
16	0032	8M2004196	HOSE Cooler to Y-Fitting		1	
17	0032	8M2012165	HOSE Y-Fitting to T-Fitting		1	
18	0022	8M2014002	FITTING Tee, Red Alpha		1	
18	0022	8M2014001	FITTING Tee, Green Bravo		1	
19	0032	8M2012166	HOSE T Fitting to Port Elbow		1	
20	0032	8M2012167	HOSE T Fitting to Starboard Elbow		1	
21	0032	807661	HOSE Transom to Cooler	Alpha	1	
22	0054	815504216	CLAMP Worm Gear (1.56 Diameter)		AR	
23	0054	815504228	CLAMP Worm Gear		AR	
24	0022	8M2020634	FITTING Tee, Special		1	
25	0054	815504222	CLAMP Worm Gear (1.98 Diameter)		AR	
26	0054	815504212	CLAMP Worm Gear		AR	
27	0010	34353	SCREW (.375-16 x 1.00)		1	
28	0011	32219	NUT (.375-16)		1	
29	0013	35048	LOCKWASHER (.375)		1	
30	0022	806608A02	PLUG ASSEMBLY (.500-13) Blue		1	[1]
31	0025	26802	O-RING (.424 x .103)		1	
32	0000	8M2021026	BRACKET Tee Fitting		1	
33	0010	8175051	SCREW (.250-20 x .625)		1	
NS	0019	8079923	COVER Clamp		AR	

Standard Cooling Alpha Single Point (With Drain Plug)

Standard Cooling Alpha Single Point (With Drain Plug)

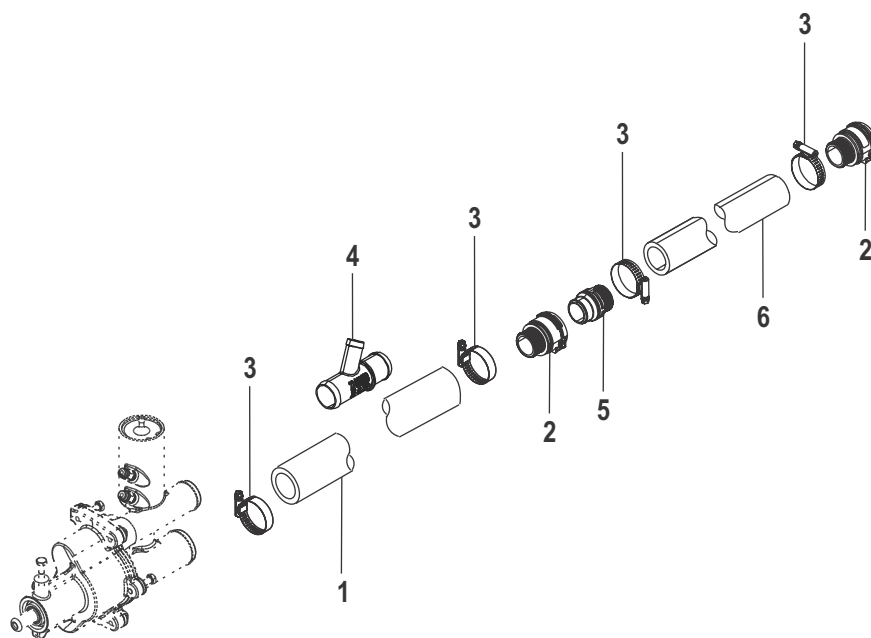


Standard Cooling Alpha Single Point (With Drain Plug)

PART NOTES:

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

Standard Cooling System (Bravo) Sea Pump Hoses

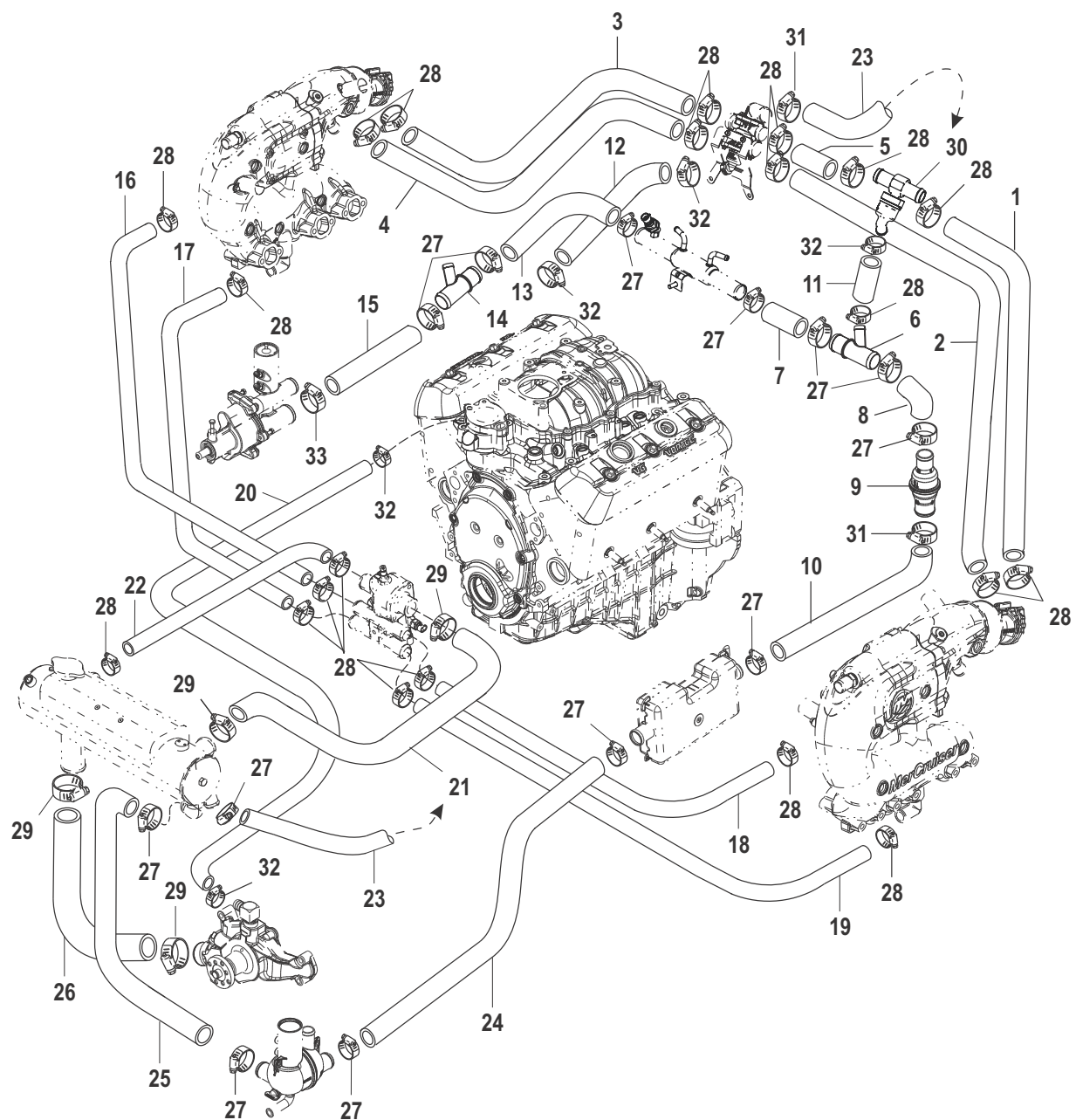


46026

Standard Cooling System (Bravo) Sea Pump Hoses

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0032	865672079	HOSE (96.00 Inches Bulk)	Cut to 13 Inches	1	
2	0022	865324	QUICK CONNECT		2	
3	0054	815504222	CLAMP Worm Gear (1.98 Diameter)		AR	
4	0022	864727	FITTING Y, (3) 1-1/4 In. OD Hose Barbs	(If Required)	1	
5	0022	865362	QUICK CONNECT		1	
6	0032	865672079	HOSE (96.00 Inches Bulk)	Cut to 15 Inches	1	

Closed Cooling System Hoses



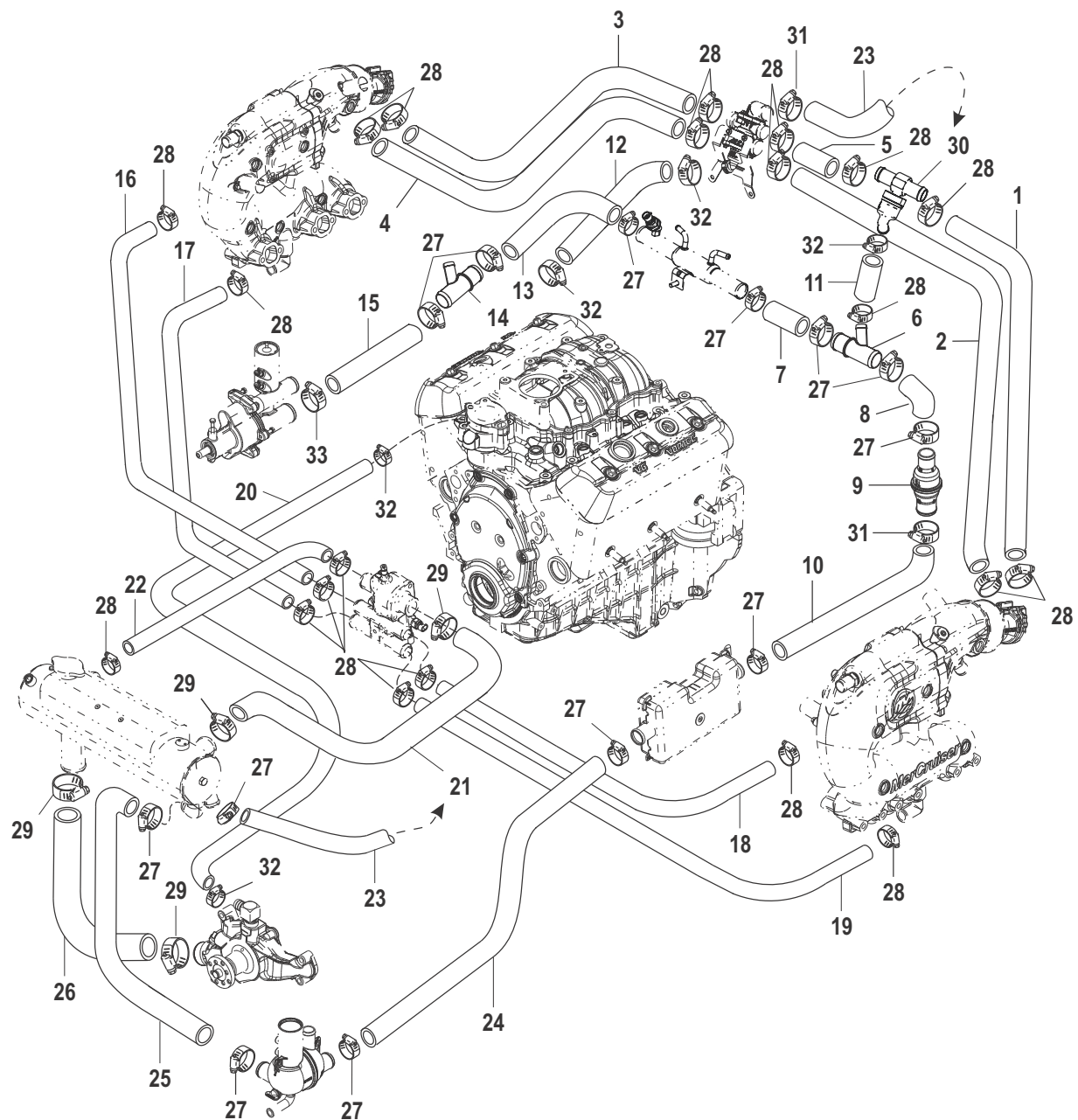
45995

Closed Cooling System Hoses

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0032	8M2019984	HOSE Fitting to Elbow	Port (No Rise)	1	
1	0032	8M2020615	HOSE Fitting to Elbow	Port (2 Inch Rise)	1	
1	0032	8M2020619	HOSE Fitting to Elbow	Port (4 Inch Rise)	1	
1	0032	8M2020622	HOSE Fitting to Elbow	Port (6 Inch Rise)	1	
2	0032	8M2021624	HOSE Poppet to Elbow	Port (0,2,4 Inch Rise)	1	
2	0032	8M2020625	HOSE Poppet to Elbow	Port (6 Inch Riser)	1	
3	0032	8M2019985	HOSE Poppet to Elbow, Top	Starboard (No Rise)	1	
3	0032	8M2020616	HOSE Poppet to Elbow, Top	Starboard (2 Inch Rise)	1	
3	0032	8M2020620	HOSE Poppet to Elbow, Top	Starboard (4 Inch Rise)	1	
3	0032	8M2020623	HOSE Poppet to Elbow, Top	Starboard (6 Inch Rise)	1	
4	0032	8M2019986	HOSE Poppet to Elbow, Bottom	Starboard (0,2,4 Inch Rise)	1	
4	0032	8M2020626	HOSE Poppet to Elbow, Bottom	Starboard (6 Inch Rise)	1	
5	0032	8M2021810	HOSE (3 Inches) Poppet to Fitting		1	
6	0022	8M2003728	Y-FITTING		1	
7	0032	8M2004196	HOSE Cooler to Fitting		1	
8	0032	8M2020274	HOSE Fitting to Check Valve		1	
9	0021	864206A1	CHECK VALVE ASSEMBLY		1	
10	0032	8M2020273	HOSE Check Valve to Fuel Cooler		1	
11	0032	8M2020276	HOSE Drain to Y-Fitting		1	
12	0032	8M2021039	HOSE Drain		1	
13	0032	8M2020373	HOSE Cooler to Fitting		1	
14	0022	862993	FITTING Y, (2) 1-1/4 In. Hose Barbs / (1) 3/4 In. Hose Barb		1	
15	0032	8M2020943	HOSE Sea Pump to Fitting		1	
16	0032	8M2018849	HOSE Thermostat to Manifold	Starboard, Top (All Rise)	1	
17	0032	8M2017413	HOSE Thermostat to Manifold	Starboard, Bottom (All Rise)	1	
18	0032	8M2018848	HOSE Thermostat to Manifold	Port, Top (All Rise)	1	
19	0032	8M2018020	HOSE Thermostat to Manifold	Port, Bottom (All Rise)	1	
20	0032	864551	HOSE Intake to Circulation Pump		1	
21	0032	864506	HOSE Thermostat to Heat Exchanger		1	
22	0032	864507	HOSE Thermostat to Heat Exchanger		1	
23	0032	8M2019988	HOSE Heat Exchanger to Poppet		1	
24	0032	863781	HOSE Distribution Housing to Fuel Cooler		1	
25	0032	864431	HOSE Heat Exchanger to Distribution Housing		1	
26	0032	8M2018850	HOSE Heat Exchanger to Circulation Pump		1	
27	0054	815504222	CLAMP Worm Gear (1.98 Diameter)		AR	
28	0054	815504216	CLAMP Worm Gear (1.56 Diameter)		AR	
29	0054	815504232	CLAMP Worm Gear (2.50 Diameter)		AR	
30	0022	8M2012295	FITTING ASSEMBLY		1	
31	0054	815504228	CLAMP Worm Gear		AR	
32	0054	815504212	CLAMP Worm Gear		AR	
33	0054	815504224	CLAMP Worm Gear		AR	

Closed Cooling System Hoses

Closed Cooling System Hoses



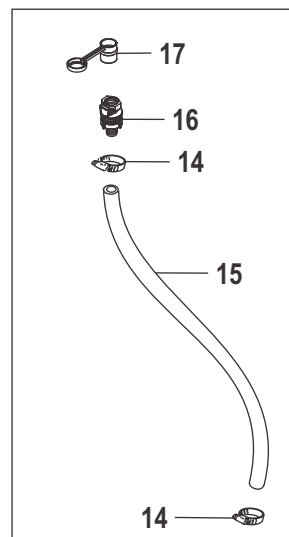
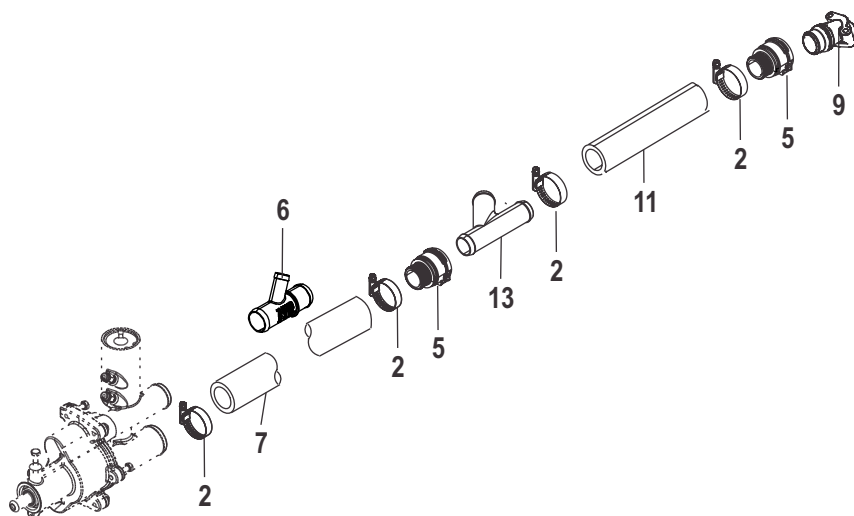
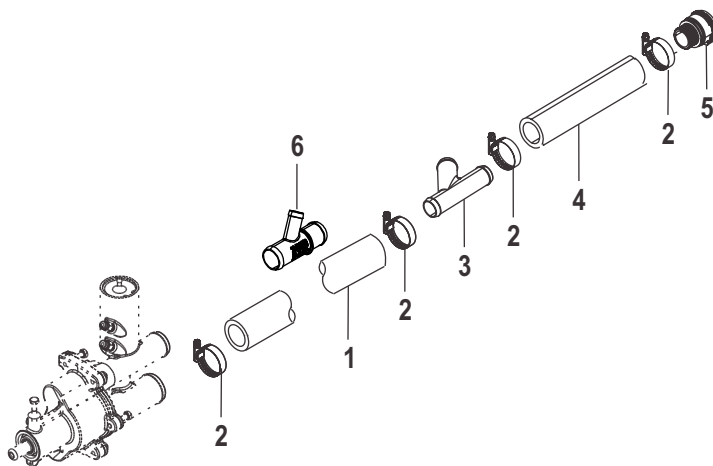
45995

Cat.# 90-8M0052111

Closed Cooling System Hoses

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
NS	0019	8079923	COVER Clamp		AR	

Closed Cooling System (Alpha / Bravo) Sea Pump Hoses

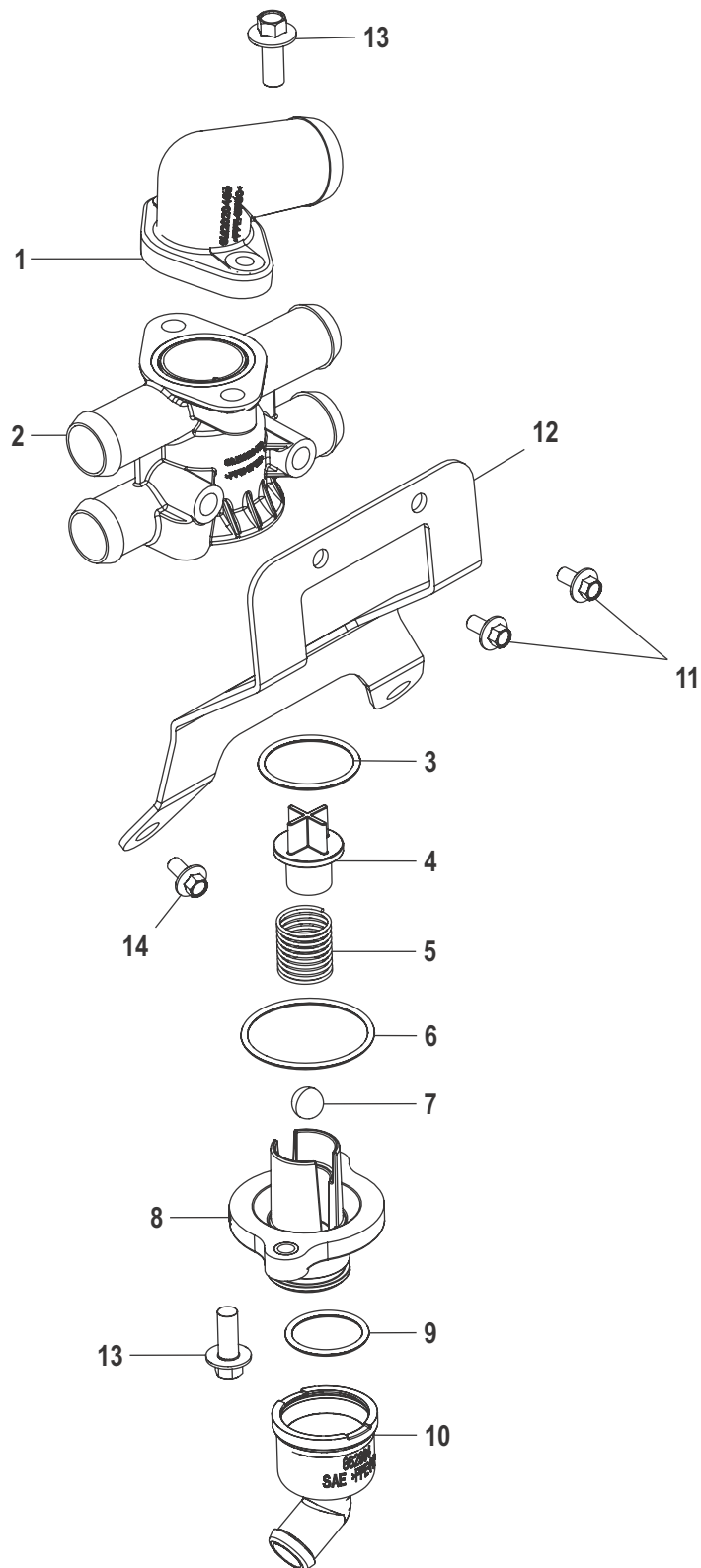


46025

Closed Cooling System (Alpha / Bravo) Sea Pump Hoses

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0032	865672079	HOSE (96.00 Inches Bulk)	Alpha (Cut to 31 Inches)	1	
1	0032	865672013	HOSE (4.00 Inches)	Bravo	1	
2	0054	815504222	CLAMP Worm Gear (1.98 Diameter)		AR	
3	0022	864727	FITTING Y, (3) 1-1/4 In. OD Hose Barbs	Bravo	1	
4	0032	865672079	HOSE (96.00 Inches Bulk)	Bravo (Cut to 20 Inches)	1	
5	0022	865324	QUICK CONNECT	Bravo	1	
6	0022	864727	FITTING Y, (3) 1-1/4 In. OD Hose Barbs	(If Required)	1	
7	0032	865672079	HOSE (96.00 Inches Bulk)	Seacore (Cut to 9 Inches)	1	
8	0054	815504222	CLAMP Worm Gear (1.98 Diameter)		AR	
9	0022	865324	QUICK CONNECT	Seacore	1	
10	0022	8M4501756	FITTING	Seacore	1	
11	0054	8M2001502	CLAMP	Seacore	2	
12	0032	1743534	HOSE (14.5 Inches)	Seacore	1	
13	0022	865324	QUICK CONNECT	Seacore	1	
14	0054	815504212	CLAMP Worm Gear	Seacore	2	
15	0032	8M2019902	HOSE (42 Inches)	Seacore	1	
16	0022	861406	SOCKET	Seacore	1	
17	0000	861427	CAP	Seacore	1	

Poppet Valve Assembly Closed Cooling

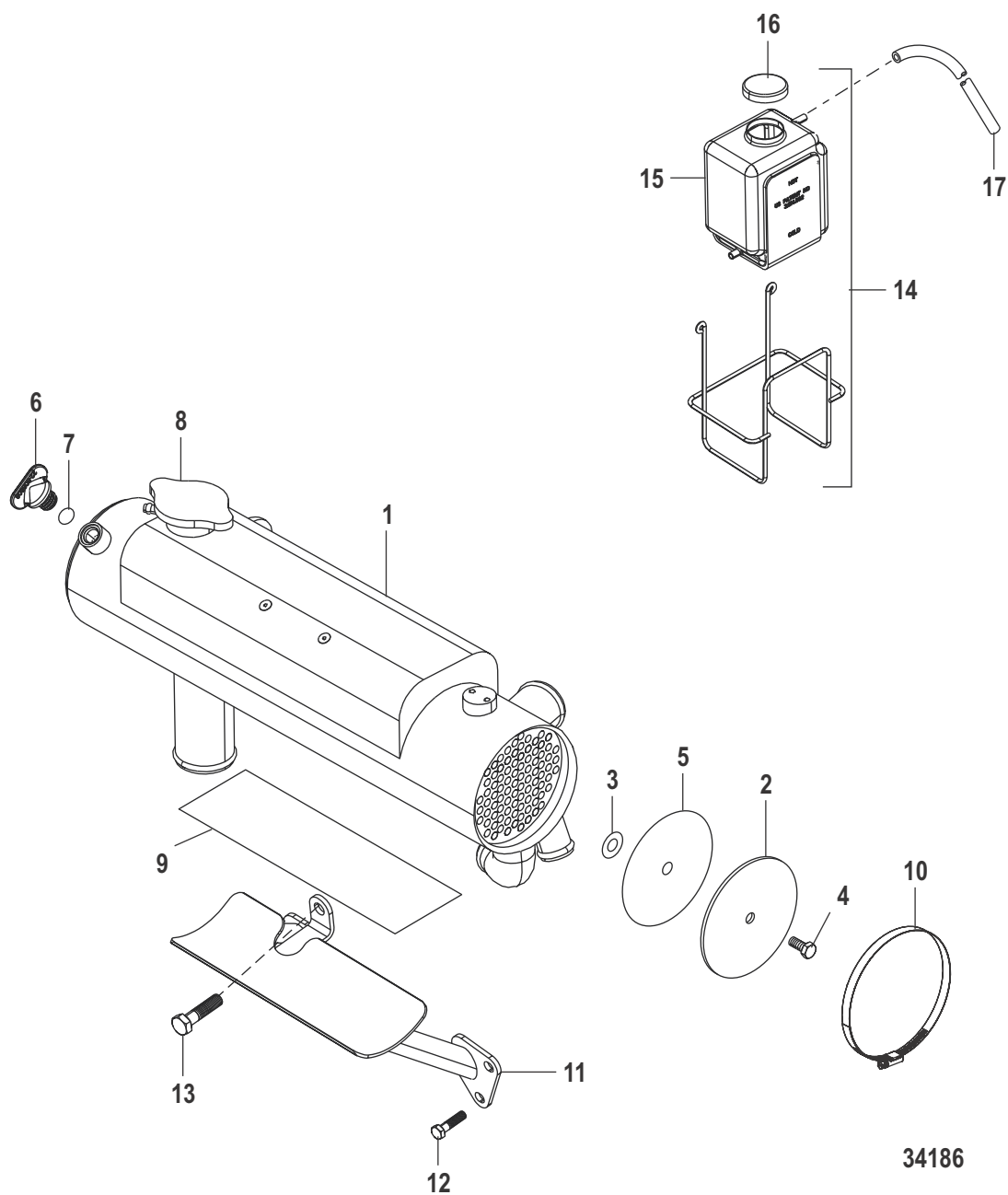


45954

Poppet Valve Assembly Closed Cooling

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	8M0053928	VALVE ASSEMBLY Poppet		1	
1	0022	8M2020465	FITTING		1	
2	0000	8M0053929	HOUSING Poppet		1	
3	0025	457101	O-RING (1.424 x .103)		1	
4	0000	8M2010186	POPPET		1	
5	0024	42996	SPRING (Stainless Steel)		1	
6	0025	30529	O-RING (1.925 x .103)		1	
7	0030	863129	BALL		1	
8	0000	8M2019982	CAP Poppet Housing		1	
9	0025	864701	O-RING (1.112 x .103)		1	
10	0000	8M2022151	FITTING		1	
11	0010	4010612	SCREW (M6 x 12) Stainless Steel		2	
12	0000	8M2019987	BRACKET Poppet Valve		1	
13	0010	4010618	SCREW (M6 x 18) Stainless Steel		4	
14	0010	816585	SCREW (.312-18 x .875) To Flywheel Housing		2	

Closed Cooling System Heat Exchanger



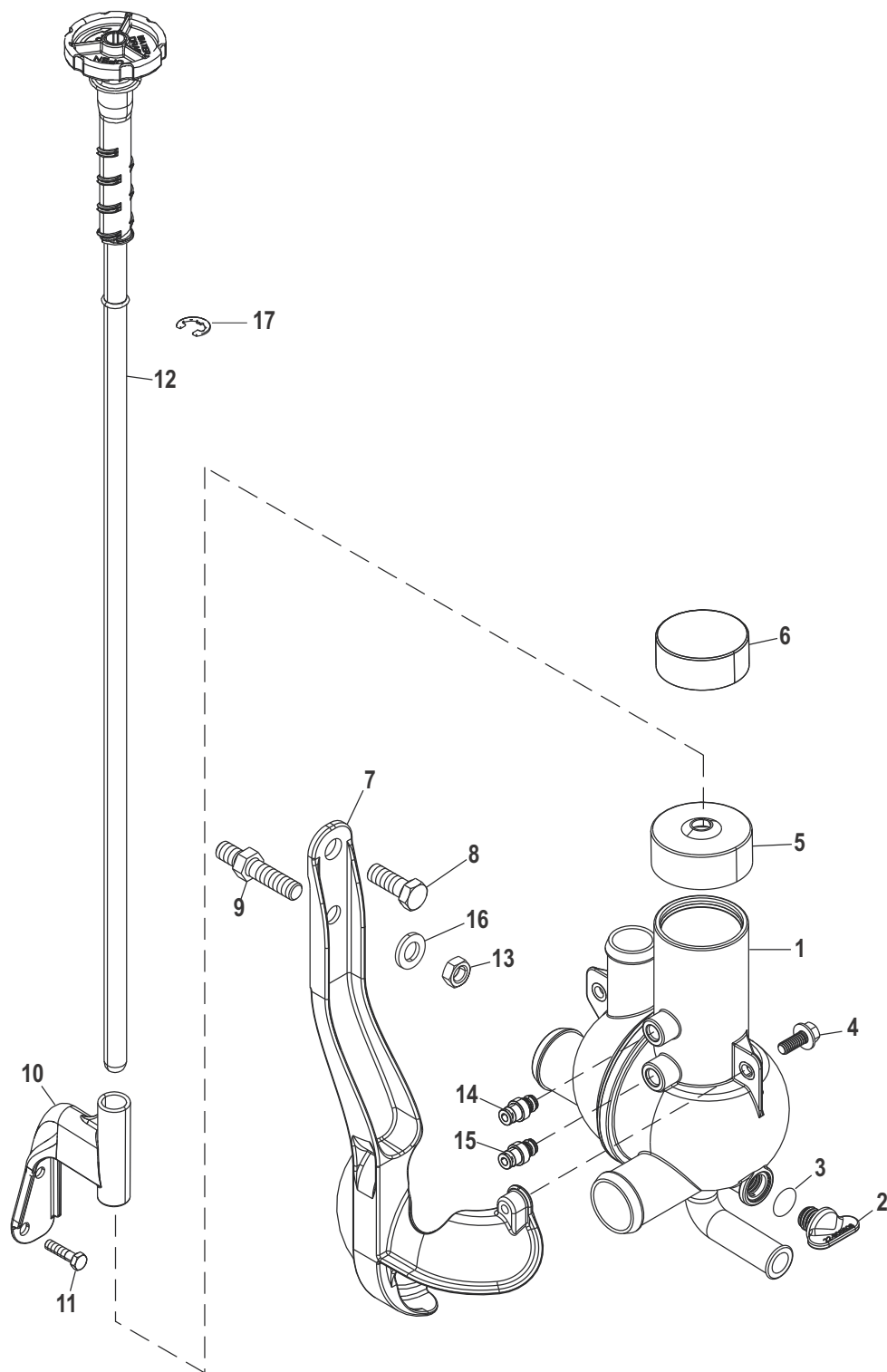
Closed Cooling System Heat Exchanger

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	8M0054058	HEAT EXCHANGER Closed Cooling		1	
2	0000	864708	COVER End, Heat Exchanger		2	
3	0025	818679	O-RING		4	
4	0010	94247	SCREW (.375-16 x .750) Stainless Steel		2	
5	0027	866152	SEAL		1	
6	0022	806608A02	PLUG ASSEMBLY (.500-13) Blue		1	[1]
7	0025	26802	O-RING (.424 x .103)		1	
8	0036	8148791	CAP Pressure		1	
9	0000	18431	PAD Heat Exchanger		1	
10	0054	815504396	CLAMP Worm Gear Heat Exchanger		1	
11	0000	864494T	BRACKET Cooler		1	
12	0010	34353	SCREW (.375-16 x 1.00)		3	
13	0010	805559	SCREW (.375-16 x .875) Stainless Steel		1	
14	0000	71587A10	RECOVERY KIT Coolant		1	
15	0000	71587A11	BOTTLE Plastic Coolant Recovery Kit		1	
16	0000	72058	CAP Coolant Recovery Bottle		1	
17	0032	1983389	HOSE (Included with Coolant Recovery Kit)		1	

PART NOTES:

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

Water Distribution Housing



1440

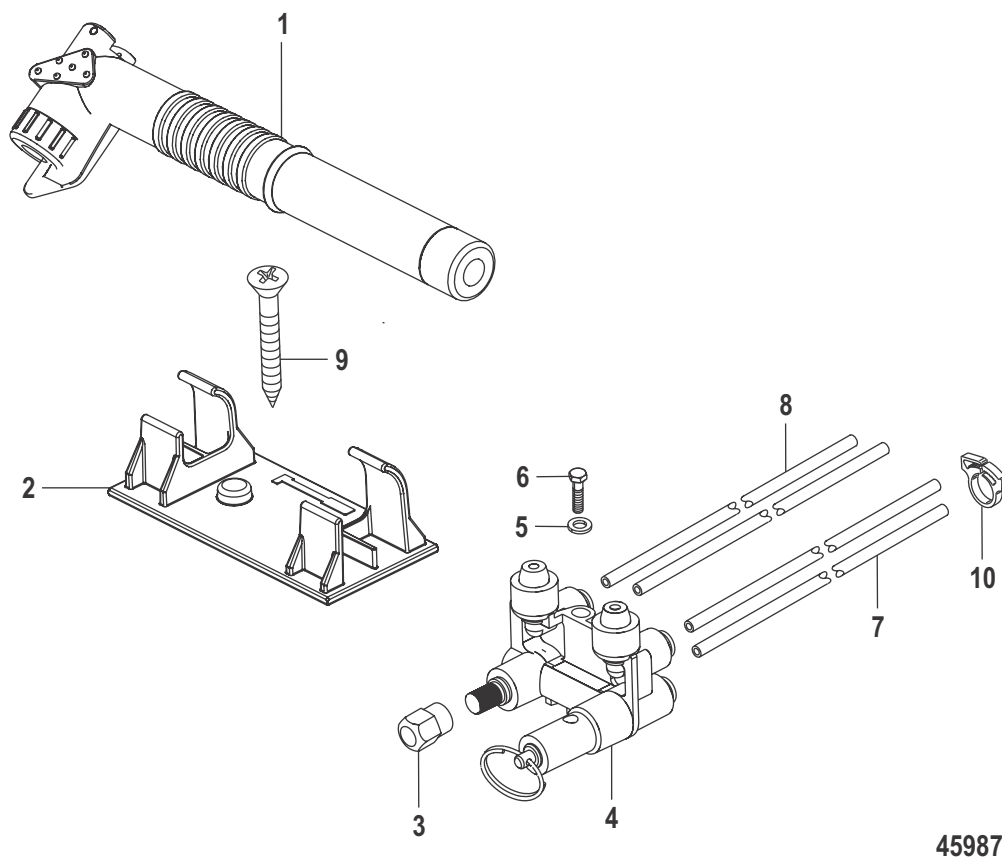
Water Distribution Housing

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	863631T1	HOUSING Water Distribution	(Manual Drain)	1	
1	0000	863444T1	HOUSING Water Distribution	(Rod Actuated)	1	
1	0000	863802T2	HOUSING Water Distribution	(Air Actuated)(Closed Cool)	1	
2	0022	806608A02	PLUG ASSEMBLY (.500-13) Blue		1	[1]
3	0025	26802	O-RING (.424 x .103)		1	
4	0010	8175051	SCREW (.250-20 x .625)		3	
5	0000	863839	COVER	(Rod Actuated)	1	
6	0000	863865	COVER	(Manual Drain)	1	
7	0000	863449T	BRACKET Water Distribution Housing		1	
8	0010	34353	SCREW (.375-16 x 1.00) Use Idler Bracket Screws		0	
9	0016	8M2004610	STUD (3/16-16 x 2.25)		1	
10	0000	863451T	BRACKET Water Drain Actuator		1	
11	0010	98261	SCREW (.375-16 x .750)		2	
12	0000	863381A1	DRAIN ROD ASSEMBLY		1	
13	0011	32219	NUT (.375-16)		1	
14	0022	863467	FITTING Orange Air Valve	(Component of Air Actuated Housing Only)	1	
15	0022	863499	FITTING Gray Air Valve	(Component of Air Actuated Housing Only)	1	
16	0013	35048	LOCKWASHER (.375)		1	
17	0053	863741	E-RING		1	

PART NOTES:

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

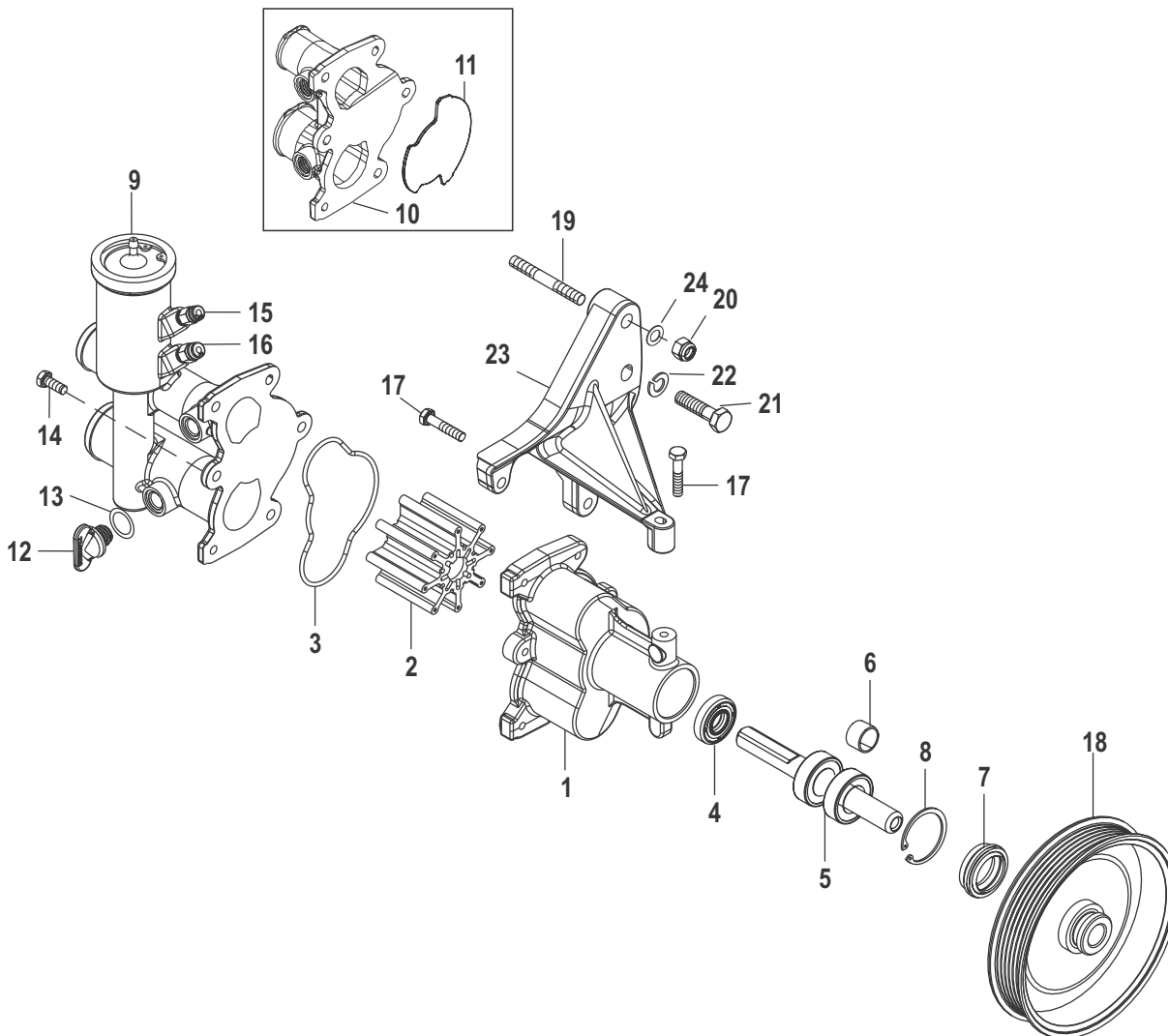
Water Drain Air Manifold and Pump



Water Drain Air Manifold and Pump

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	863057	PUMP Bracket Assembly		1	
2	0000	8M0046157	BRACKET Air Pump		1	
3	0019	8M0046566	CAP Service Point		1	
4	0000	863053T	MANIFOLD ASSEMBLY Air		1	
5	0012	4002314	WASHER		2	
6	0010	864887	SCREW (M5)		2	
7	0032	8630542	HOSE (40.00 Inches Bulk) Grey (Cut to 33 Inch Length)		2	
8	0032	8M2021609	HOSE (33 Inches) Black		2	
9	0010	79968	SCREW (#12-11 x .750)		2	
10	0054	415825	CLAMP Nylon		1	
NS	0032	8630561	HOSE (42.00 Inches Bulk) Black (Cut to 28 Inch Length)		2	

Sea Water Pump Assembly



51179

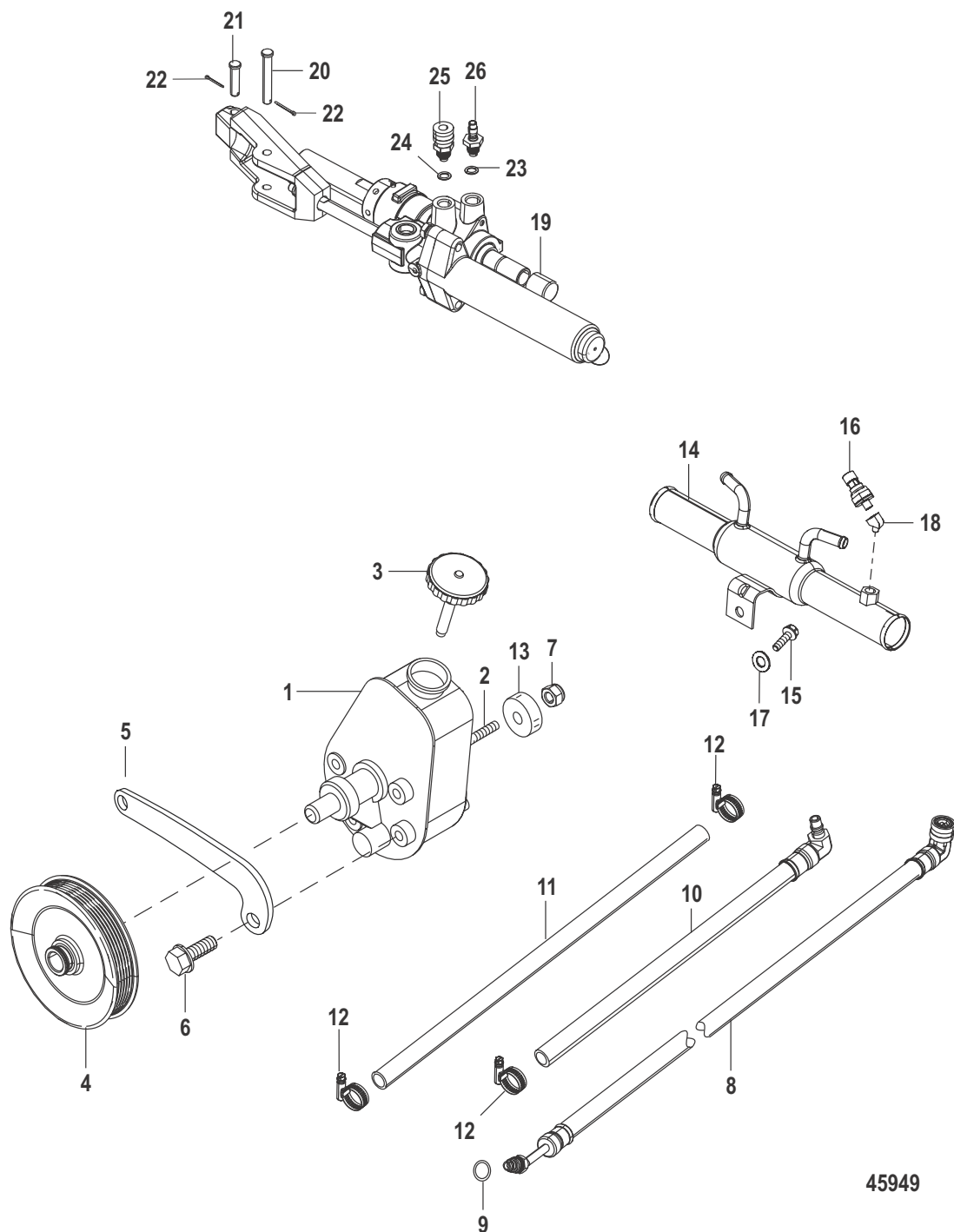
Sea Water Pump Assembly

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 (Also included with Reference 8 and 9)		1	
-	0000	8M0050018	DRIVESHAFT ASSEMBLY KIT		1	
4	0026	8M2001645	SEAL Oil		1	
5		NSS	NOT SOLD SEPARATE DRIVESHAFT ASSEMBLY		1	
6		NSS	NOT SOLD SEPARATE SPACER		1	
7	0026	862040	SEAL Lip		1	
8		NSS	NOT SOLD SEPARATE SNAP RING		1	
9	0000	863674A05	COVER KIT Impeller Housing	(With Air Fittings)	1	
10	0000	862776A01	COVER KIT Impeller Housing	(Without Air Fittings)	1	
11	0000	8M2014176	PLATE Wear		1	
12	0022	806608A02	PLUG ASSEMBLY (.500-13) Blue	(Also included with 863674A05)	2	[1]
13	0025	26802	O-RING (.424 x .103)		2	
14	0010	4000328	SCREW (M6 x 16)		6	
15	0022	863718	FITTING Gray - Straight Male Air	(.1562)(Component of 46-862914T11)	1	
16	0022	863719	FITTING Orange - Straight Male Air	(.1875)(Component of 46-862914T11)	1	
17	0010	865152	SCREW (M6)		3	
18	0000	862351T	PULLEY		1	
19	0016	863853	STUD		1	
20	0011	82671112	NUT (.375-16)		1	
21	0010	32132	SCREW (.375-16 x 1.750)		1	
22	0013	35048	LOCKWASHER (.375)		1	
23	0000	865143T01	BRACKET Sea Water Pump		1	
24	0012	38622	WASHER (.391 x 1.00 x .125)		1	

PART NOTES:

- [1] - Alternate part numbers:
806608A02 Service Part
806608Q01 QS

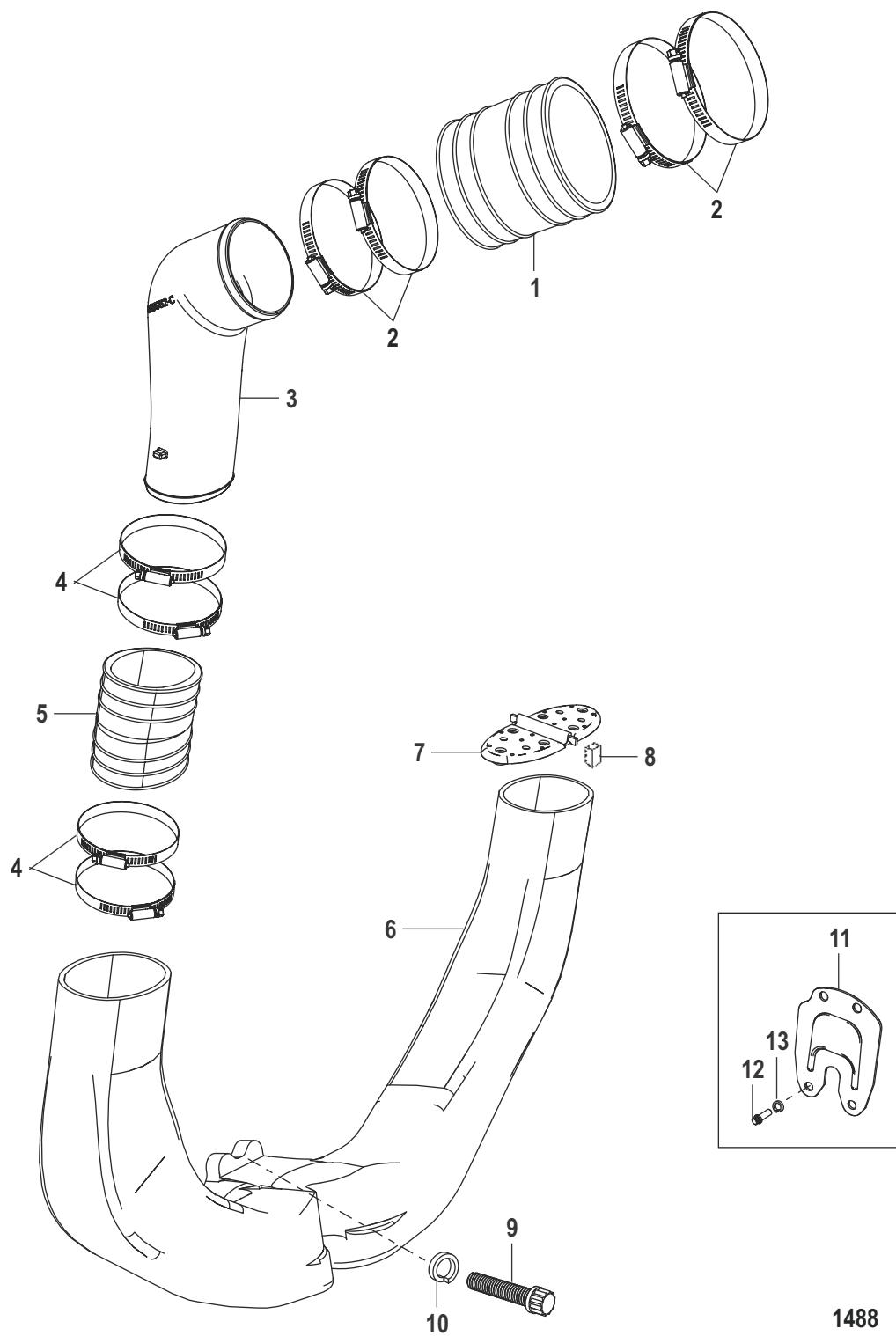
Steering Components



Steering Components

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	16792A39	PUMP ASSEMBLY Power Steering		1	
2	0016	41877	STUD (M10)		2	
3	0036	95805	CAP		1	
4	0000	861578	PULLEY		1	
5	0000	8M2021996	BRACKET Power Steering		1	
6	0010	40001188	SCREW (M10 x 20)		1	
7	0011	90517	NUT (M10)		2	
7	0011	8M2000545	NUT (M10) Stainless Steel	(SEACORE)	2	
8	0032	866685	HOSE Female Quick Connect (Fittings on Both Ends)		1	
8	0032	866509	HOSE Pressure (Fittings on Both Ends)	(SEACORE)	1	
8	0032	866689	HOSE Female Quick Connect (Fittings on Both Ends)	Jackshaft Models	1	
9	0025	89879	O-RING (.301 x .064)		1	
10	0032	865390015	HOSE Male Quick Connect (Fitting on One End)		1	
10	0032	865390134	HOSE Male Quick Connect (Fitting on One End)	Jackshaft Models	1	
11	0032	5251914	HOSE (53.00 Inches Bulk) Pump to Oil Cooler (37 Inch)		1	
12	0054	815504105	CLAMP Worm Gear (11-18 mm) Hose		3	
13	0023	905201	SPACER (.750 x .250)		1	
14	0000	863820T1	COOLER Power Steering		1	
15	0010	816585	SCREW (.312-18 x .875)		1	
16	0000	881879010	SENSOR		1	
17	0013	72521	LOCKWASHER Internal Tooth		1	
18	0022	29085	FITTING Elbow (45 Degree)	Closed Cooling	1	
19	0000	866200A01	CYLINDER ASSEMBLY Power Steering		1	
20	0017	15878	PIN Clevis Long		1	
21	0017	16419	PIN Clevis Short		1	
22	0018	46950	COTTER PIN		2	
23	0025	806232	O-RING (.239 x .064)		1	
24	0025	89879	O-RING (.301 x .064)		2	
25	0022	865415	FITTING		1	
26	0022	865414001	FITTING		1	
NS	0019	8079921	COVER Hose Clamp End	(.25 Inside Diameter)	AR	
NS	0019	8079923	COVER Hose Clamp End	(.375 Inside Diameter)	1	
NS	0000	77054	TIE STRAP (14.50 Inches)		1	

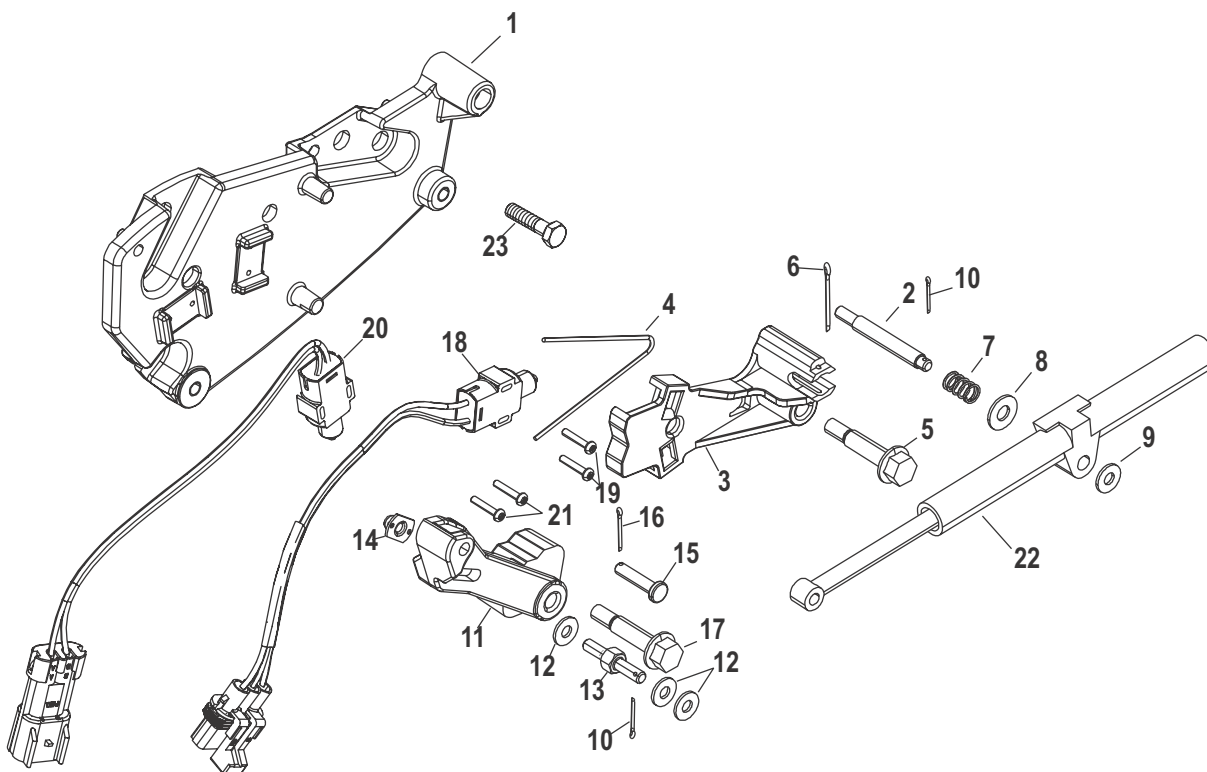
Exhaust System Components



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	879288A34	ELBOW KIT Intermediate	Non Riser	1	
3	0000	879288A35	ELBOW KIT Intermediate	2 Inch Riser	1	
3	0000	879288A36	ELBOW KIT Intermediate	4 Inch Riser	1	
3	0000	879288A37	ELBOW KIT Intermediate	6 Inch Riser	1	
3	0000	879288A38	ELBOW KIT Intermediate	8 Inch Riser	1	
4	0054	815504272	CLAMP Worm Gear		8	
5	0032	14358001	TUBE 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 Transom Exhaust	1	
12	0010	98794	SCREW (.375-16 x 1.00)	Through Transom Exhaust	4	
13	0013	41471	LOCKWASHER (.375)	Through Transom Exhaust	4	

Shift Bracket Alpha

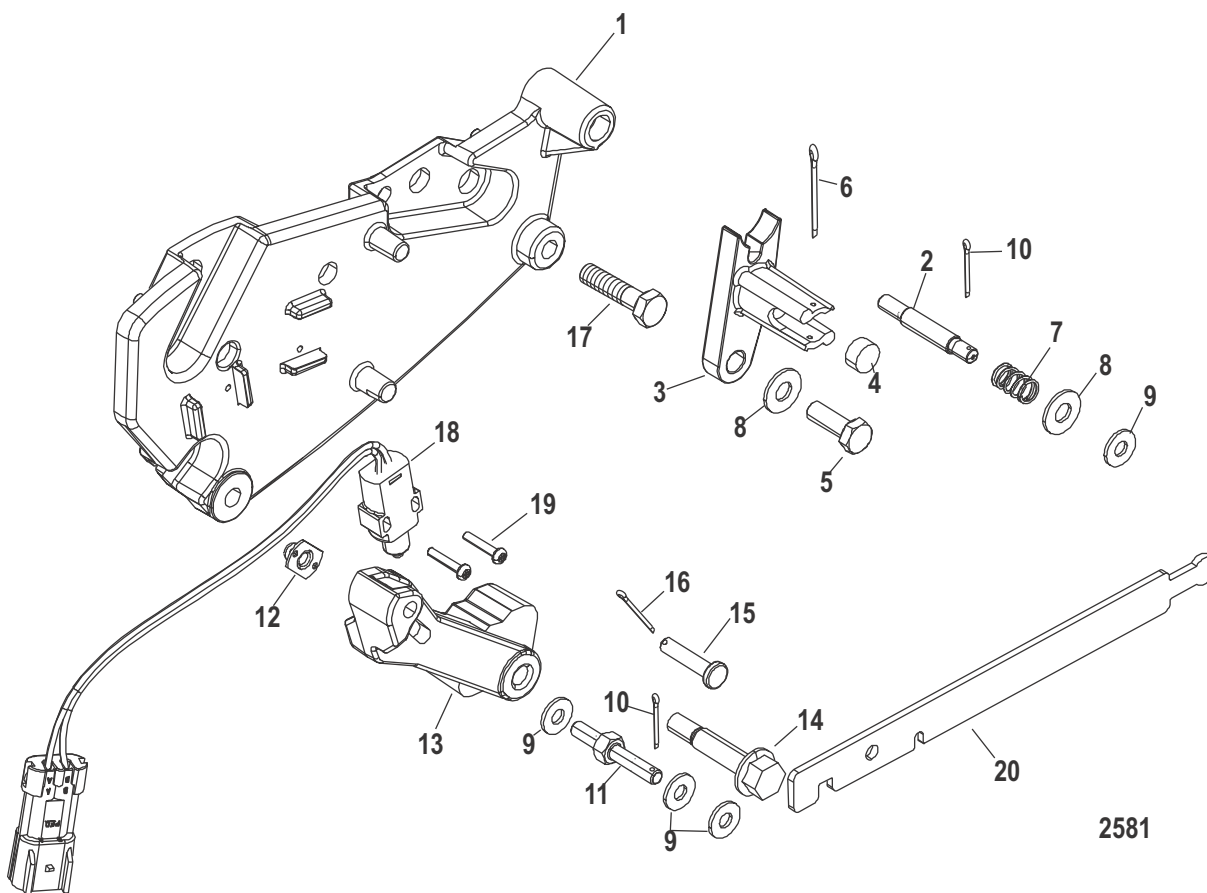


2582

Shift Bracket Alpha

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	807962A15	BRACKET ASSEMBLY Shift		1	
2	0000	865149A02	STUD With Cotter Pin		1	
3	0000	865433A02	LEVER ASSEMBLY Actuator		1	
4	0024	864907T	SPRING		1	
5	0010	865148	SHOULDER SCREW (.312-18 x 1.843) Stainless Steel		1	
6	0018	328571	COTTER PIN		1	
7	0024	98880	SPRING		1	
8	0012	56720	WASHER (.330 x .750 x .060) Stainless Steel		1	
9	0012	35462	WASHER (.2656 x .625 x .0625) Stainless Steel		1	
10	0018	210711	COTTER PIN		2	
11	0000	13898T06	LEVER ASSEMBLY Shift		1	
12	0012	35462	WASHER (.2656 x .625 x .0625) Stainless Steel		3	
13	0016	865393A02	STUD KIT (.250-28 x 1.90) With Cotter Pin		1	
14	0011	63341	TEE NUT		1	
15	0017	814001	PIN Clevis		1	
16	0018	210711	COTTER PIN		1	
17	0010	865148	SHOULDER SCREW (.312-18 x 1.843) Stainless Steel		1	
18	0087	808009T10	SWITCH ASSEMBLY Shift Interupt		1	
19	0010	865147T01	SCREW (#6-32 x .750) Stainless Steel		2	
20	0087	808009T11	SWITCH ASSEMBLY Gear Indicator		1	
21	0010	865147T01	SCREW (#6-32 x .750) Stainless Steel		2	
22	0000	813995A1	GUIDE ASSEMBLY Spring		1	
23	0010	65746	SCREW (.250-20 x .750)		3	

Shift Bracket Bravo

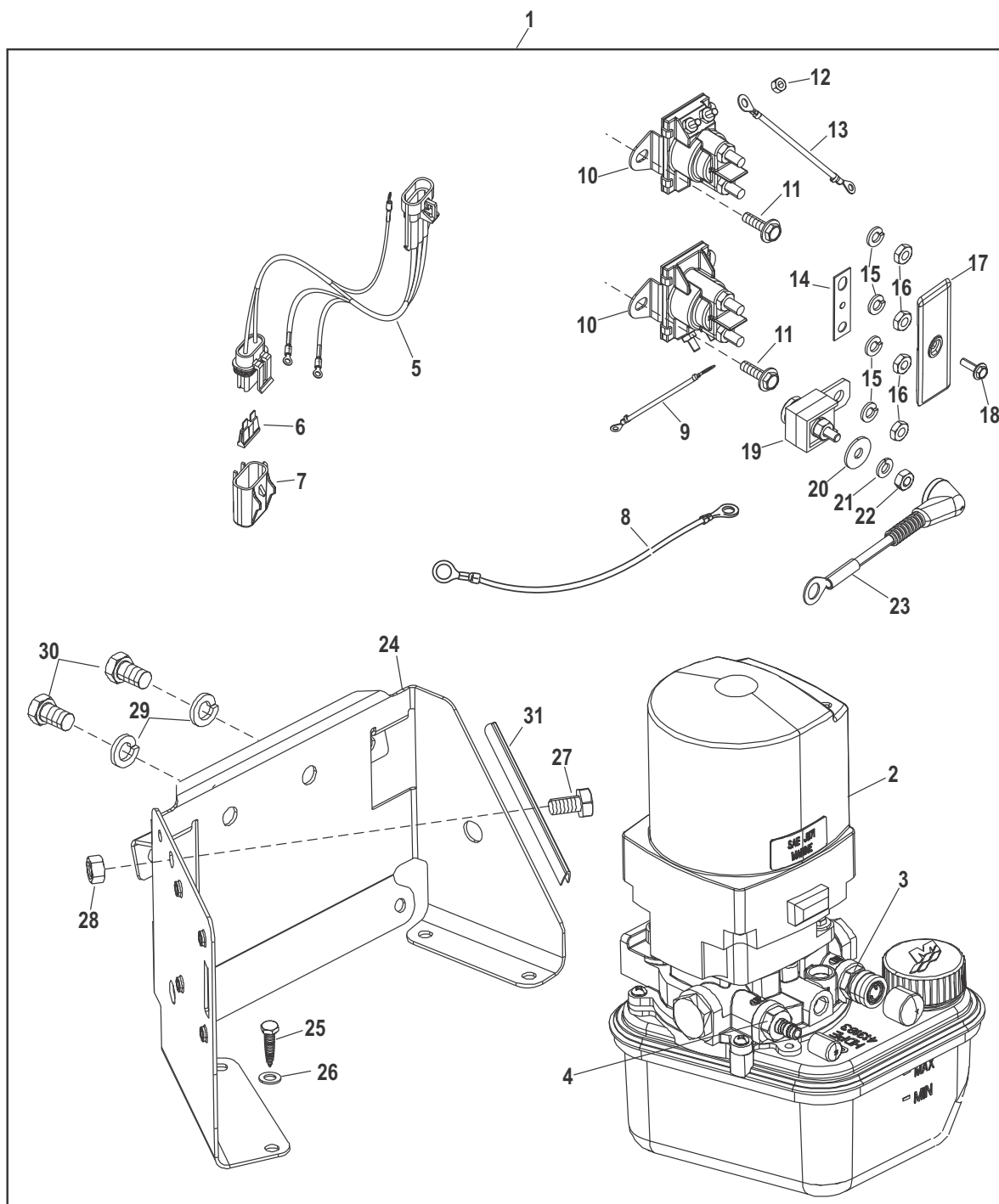


2581

Shift Bracket Bravo

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	807962A15	BRACKET ASSEMBLY Shift		1	
2	0016	865154A02	STUD KIT (.250-20/.250-28 x 2.120) With Cotter Pin		1	
3	0000	865434A02	RETAINER KIT With Cotter Pin		1	
4	0023	98828	SPACER		1	
5	0010	53167	SCREW (.312-18 x .880)		1	
6	0018	328571	COTTER PIN		1	
7	0024	98880	SPRING		1	
8	0012	56720	WASHER (.330 x .750 x .060) Stainless Steel		1	
9	0012	35462	WASHER (.2656 x .625 x .0625) Stainless Steel		3	
10	0018	210711	COTTER PIN		2	
11	0016	865393A02	STUD KIT (.250-28 x 1.90) With Cotter Pin		1	
12	0011	63341	TEE NUT		1	
13	0000	863911A12	LEVER ASSEMBLY Shift		1	
14	0010	865148	SHOULDER SCREW (.312-18 x 1.843) Stainless Steel		1	
15	0017	68402	PIN (.250 x 1.13) Clevis		1	
16	0018	210711	COTTER PIN Cotter		1	
17	0010	657461	SCREW AND LOCKWASHER (.250- 20 x .625)		3	
18	0087	808009T11	SWITCH ASSEMBLY Gear Indicator		1	
19	0010	865147T01	SCREW (#6-32 x .750) Stainless Steel		2	
20	0091	12427T	TOOL Shift Adjust		1	

Trim Pump Assembly

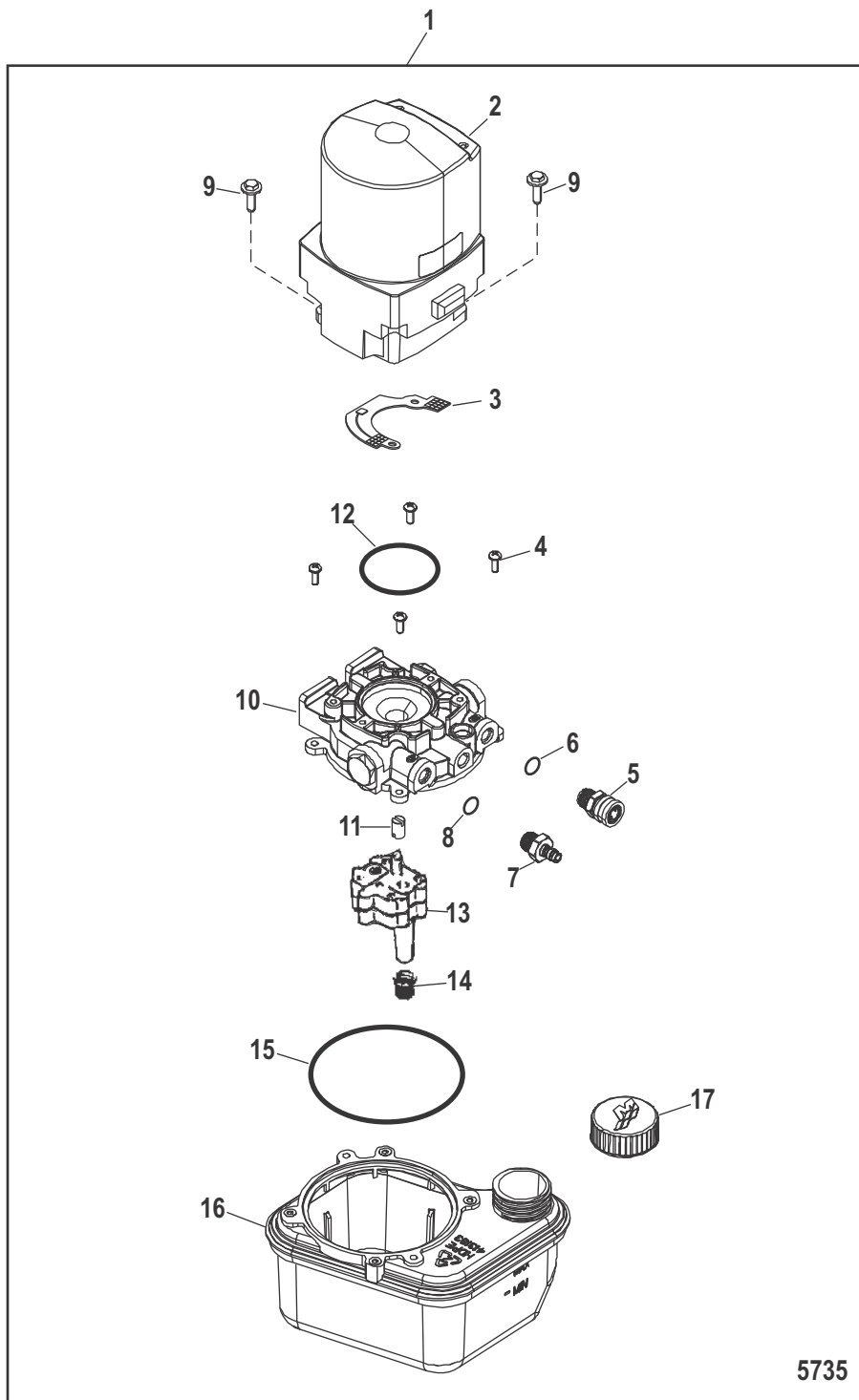


20383

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	

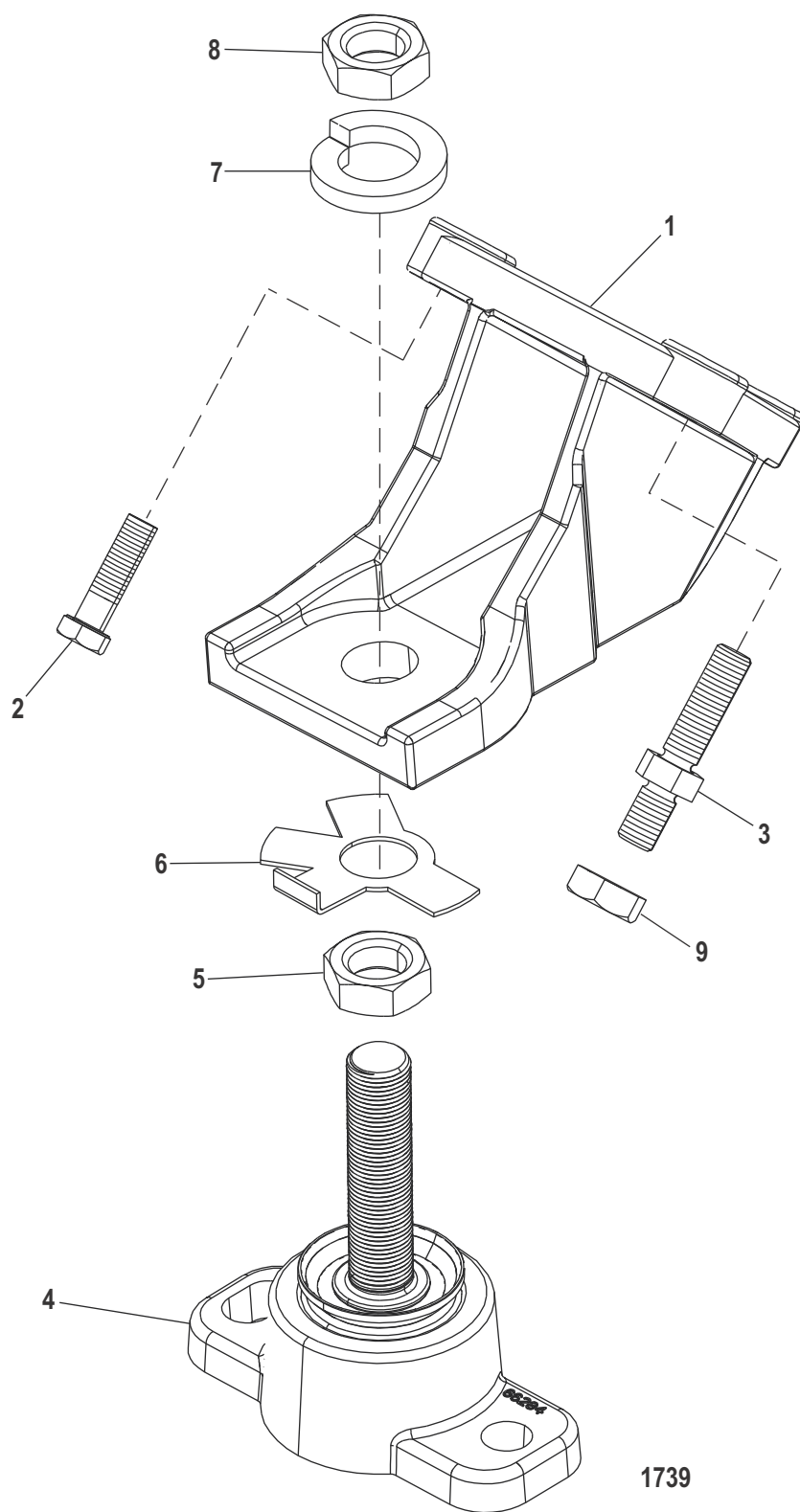
Trim Pump and Motor Components



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	

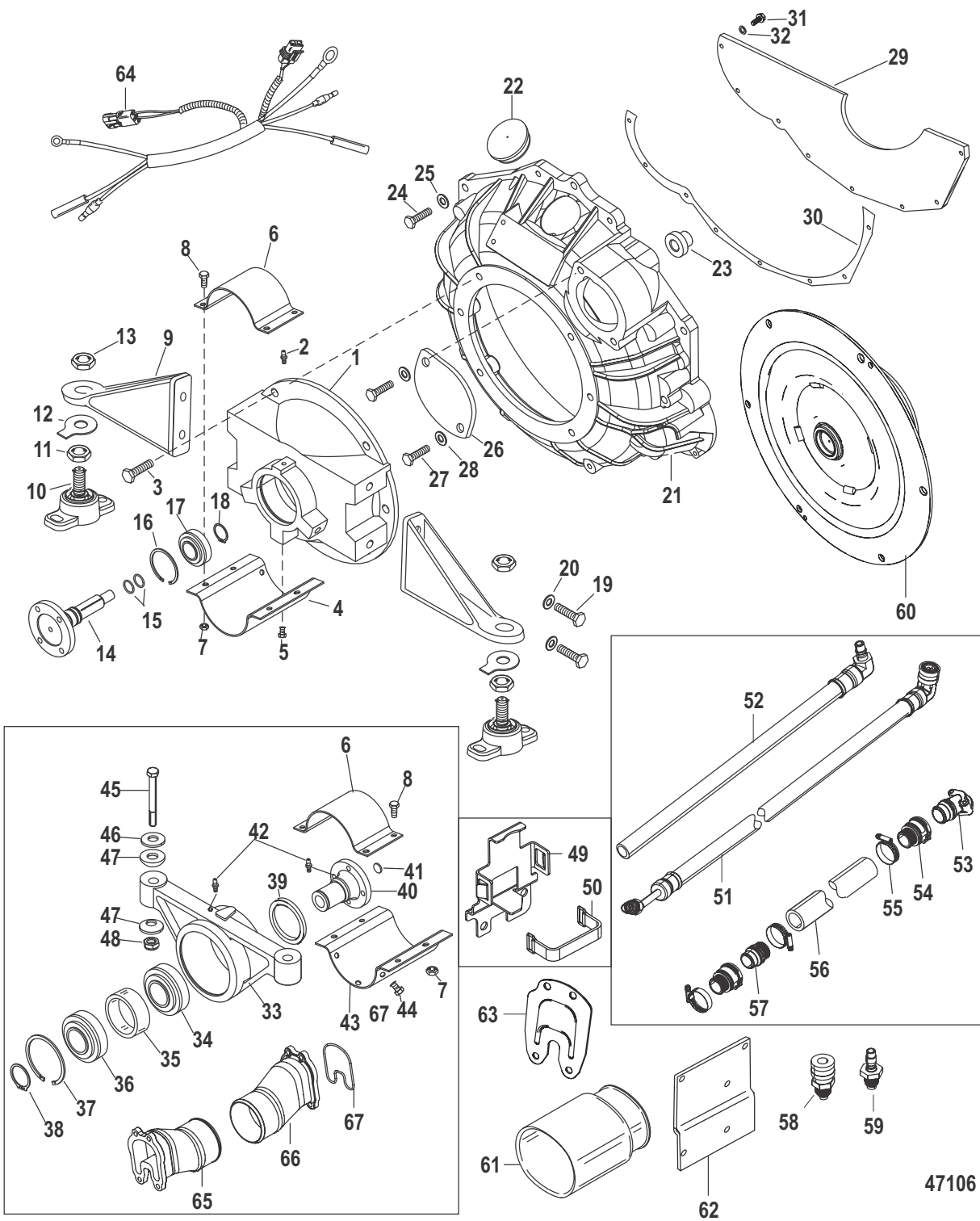
Engine Mounts



Engine Mounts

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	79550A1	BRACKET Mount		2	
2	0010	40001195	SCREW (M10 x 30)		4	
3	0016	861580	STUD		2	
4	0000	66284A2	BASE ASSEMBLY		2	
5	0011	20739	NUT (.750-16) Jam		2	
6	0014	12657	TAB WASHER		2	
7	0013	68102	LOCKWASHER (.750)		2	
8	0011	20739	NUT (.750-16) Jam		2	
9	0011	4013610	NUT (M10) Stainless Steel		2	

Jackshaft Main Kit (98634A20)



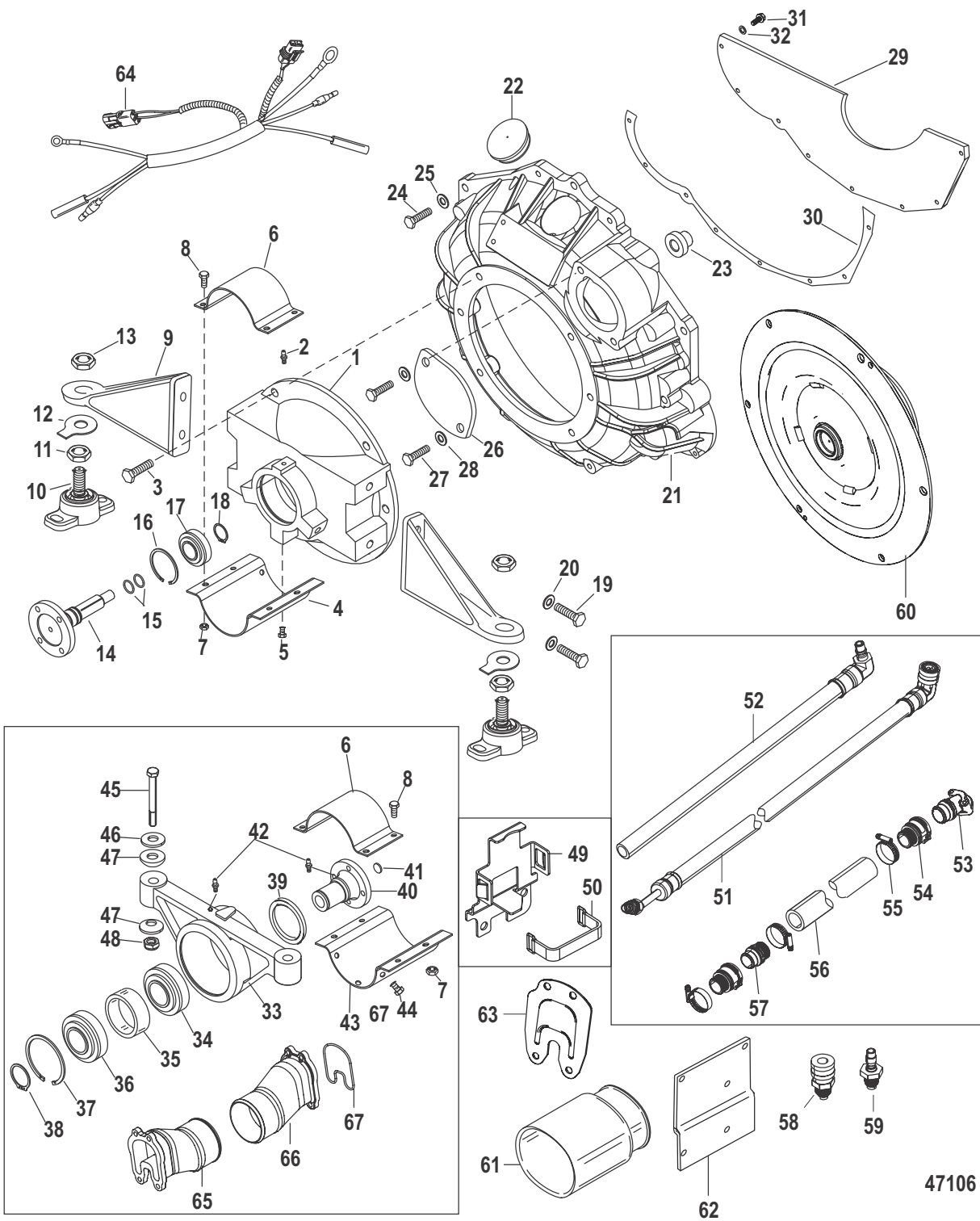
47106

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	

Gasket Set Components (27-807756A02) Engine Overhaul

Gasket Set Components (27-807756A02) Engine Overhaul

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0027	807756A02	GASKET SET Engine Overhaul		1	
-	0027	16779	GASKET Adapter		1	
-	0027	344863	GASKET		1	
-	0026	42077	SEAL Fitting		1	
-	0027	49955	GASKET Drain Screw		2	
-	0027	530451	GASKET Lower Thermostat Housing		3	[1]
-	0026	976641	SEAL Intake Valve		6	
-	0027	99757	GASKET Manifold		2	
-	0026	804507	SEAL Exhaust Valve		6	
-	0025	805062	O-RING (.530 x .082)		1	
-	0025	805063	O-RING (.301 x .070)		4	
-	0027	806871	GASKET Thermostat Housing		1	
-	0025	8071341	SEAL Thermostat		1	
-	0025	808547	O-RING		1	
-	0027	879150140	GASKET Head		2	
-	0027	824326002	GASKET SET Intake Manifold		1	
-	0027	827154	GASKET Rocker Cover		2	
-	0025	827155	O-RING		6	
-	0025	863006	O-RING (10.82 x 1.78)		1	
-	0026	863151	SEAL Quad Ring		1	
-	0026	879194364	SEAL		1	
-	0026	879194365	SEAL Crankshaft Oil		1	
-	0027	879194367	GASKET Water Pump		2	
-	0027	881715	GASKET Crankshaft Oil Seal Housing		1	
-	0025	881733	SEAL		2	
-	0027	885172	GASKET		1	
-	0025	885192	O-RING Sensor Assembly		1	
-	0027	888774	GASKET Intake Manifold		1	
-	0026	888782	GROMMET Timing Cover		6	
-	0027	14247T02	GASKET SET Oil Pan		1	

PART NOTES:

- [1] - Alternate part numbers:
53045 1Service Part
53045Q01QS

PARTS INDEX

Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
11178A01	BREAKER Circuit - 50 Ampere Button Reset	16	17	11284	SPACER (.62 Diameter)	24	22
11966	SCREW (.437-14 x 3.750)	28	21	119671	SCREW (.437-14 x 3.00)	28	20
11968	SCREW (.437-14 x 1.750)	28	19	11971	NUT (.312-18)	42	17
11971	NUT (.312-18)	42	23	11972	ADAPTER	46	11
11976	SCREW (.375-16 x 1.00)	18	10	11989	STUD (.312-18 x 1.6718)	42	14
11989	STUD (.312-18 x 1.6718)	42	35	11992001	BEARING ASSEMBLY (Pair-Standard)	40	5
11993	BEARING	40	5	12304	PLUG Timing Window	94	22
12427T	TOOL Shift Adjust	86	20	12552	LIFTING EYE	52	16
12657	TAB WASHER	92	6	12657	TAB WASHER	94	12
13510	WASHER	48	9	13898T06	LEVER ASSEMBLY Shift	84	11
14242	BOLT (.250-20 x .875)	42	25	14243	BOLT (.250-20 x 1.750)	42	24
14247T02	GASKET SET Oil Pan	42	10	14247T02	GASKET SET Oil Pan	98	-
14263	PIN Dowel Oil Seal Housing Location	42	22	14358001	TUBE Exhaust	82	5
148271	STUD	42	31	14883	SCREW (.375-16 x 1.12)	48	8
15878	PIN Clevis Long	80	20	1589431	TUBING (20.00 Inches Bulk) Breather	24	29
1589431	TUBING (20.00 Inches Bulk) Breather	28	22	16419	PIN Clevis Short	80	21
16779	GASKET	46	10	16779	GASKET Adapter	98	-
16792A39	PUMP ASSEMBLY Power Steering	80	1	173391	PUSH ROD	28	7
17341T	GUIDE Lifter Lifter	36	9	17346	SCREW Oil Pump	42	2
1743534	HOSE (14.5 Inches)	68	12	17645	O-RING Reservoir End	90	15
18431	PAD Heat Exchanger	72	9	18529	PUMP ASSEMBLY With Screws	90	13
18545A1	REPAIR KIT	90	NS	18643A5	COUPLING ASSEMBLY	48	6
18644	BUMPER Rubber	48	7	1940971	HOSE (54.00 Inches Bulk) (.25 Inch Inside Diameter)	10	7
1983389	HOSE (Included with Coolant Recovery Kit)	72	17	20084	WASHER (.328 x .562 x .062)	8	9
20533	WASHER	24	21	20553	WASHER (.406 x .734 x .063)	46	4
20739	NUT (.750-16) Jam	92	5	20739	NUT (.750-16) Jam	92	8
210711	COTTER PIN	84	10	210711	COTTER PIN	84	16
210711	COTTER PIN	86	10	210711	COTTER PIN Cotter	86	16
21825	NUT (.250-28)	88	22	25908	WASHER (.265 x .812 x .0625)	88	20
26419	NUT (#8-32) Brass	88	12	26484	NUT (.312-18)	8	6
26802	O-RING (.424 x .103)	52	10	26802	O-RING (.424 x .103)	58	31
26802	O-RING (.424 x .103)	72	7	26802	O-RING (.424 x .103)	74	3
26802	O-RING (.424 x .103)	78	13	269011	BUMPER Rubber	20	20
26992	LOCKWASHER (.250) Stainless Steel	88	15	26992	LOCKWASHER (.250) Stainless Steel	88	21
26992	LOCKWASHER (.250) Stainless Steel	94	32	26996	LOCKWASHER (#10) Stainless Steel	6	6
26996	LOCKWASHER (#10) Stainless Steel	36	18	26996	LOCKWASHER (#10) Stainless Steel	54	8
28668	SCREW (.250-20 x .875) Stainless Steel	52	8	29085	FITTING Elbow (45 Degree)	80	18
29198	SCREW AND LOCKWASHER (.312-18 x .875) With Lockwasher	54	13	29245	WASHER (.281 x .500 x .060) Stainless Steel	88	26
29598	NUT (.250-28) Stainless Steel	20	12	29845	O-RING (.924 x .103)	94	15
30529	O-RING (1.925 x .103)	70	6	31866	SPACER (.256 x .313 x .625)	24	22
32132	SCREW (.375-16 x 1.750)	8	20	32132	SCREW (.375-16 x 1.750)	32	6
32132	SCREW (.375-16 x 1.750)	78	21	32219	NUT (.375-16)	58	28
32219	NUT (.375-16)	74	13	32561	PLUG Pipe - Allen Head (.250-18)	22	3
32783	RETAINER Three Wire	18	16	32784	RETAINER Four Wire	18	17
328022	PLUG Pipe (.125-27) Brass Top of Block	36	32	32803	PLUG Pipe (.375-18) Brass	52	3
32803	PLUG Pipe (.375-18) Brass	54	3	328571	COTTER PIN	84	6
328571	COTTER PIN	86	6	32993	LOCKWASHER (.437)	94	20
32993	LOCKWASHER (.437)	94	28	33821	CONNECTOR	22	5
34227Q02	SEALING COMPOUND Where Applicable	36	-	34270	EXPANSION PLUG (1.625) Engine Core Hole	42	28
34352	SCREW (.375-24 x .875)	32	13	34353	SCREW (.375-16 x 1.00)	8	16
34353	SCREW (.375-16 x 1.00)	8	27	34353	SCREW (.375-16 x 1.00)	12	2
34353	SCREW (.375-16 x 1.00)	58	27	34353	SCREW (.375-16 x 1.00)	72	12
34353	SCREW (.375-16 x 1.00) Use Idler Bracket Screws	74	8	34353	SCREW (.375-16 x 1.00)	94	24
344863	GASKET	18	11	344863	GASKET	98	-
34567	WASHER	48	19	35048	LOCKWASHER (.375)	58	29
35048	LOCKWASHER (.375)	74	16	35048	LOCKWASHER (.375)	78	22
35048	LOCKWASHER (.375)	88	29	35048	LOCKWASHER (.375)	94	25
353121	PIN Dowel	36	12	35342	STUD (.312-24/.375-16 x 2.5625)	32	5
35462	WASHER (.2656 x .625 x .0625) Stainless Steel	84	9	35462	WASHER (.2656 x .625 x .0625) Stainless Steel	84	12

PARTS INDEX

Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
35462	WASHER (.2656 x .625 x .0625) Stainless Steel	86	9	35777	WASHER (.5156 x 1.375 x .125) Aluminum	48	14
35777	WASHER (.5156 x 1.375 x .125) Aluminum	96	46	36183	RETAINER	42	5
36184	SHAFT	42	4	36305T	ELBOW	50	21
36533	WASHER (.328 x .562 x .0312) Copper	20	18	37293T	SENDER ASSEMBLY Oil	14	3
37293T	SENDER ASSEMBLY Oil Pressure	36	17	38622	WASHER (.391 x 1.00 x .125)	78	24
39131	LOCKWASHER (.437)	32	16	40001134	SCREW (M8 x 25)	8	3
40001188	SCREW (M10 x 20)	80	6	40001195	SCREW (M10 x 30)	92	2
40001197	SCREW (M10 x 35)	48	20	40001203	SCREW (M10 x 45)	48	20
4000328	SCREW (M6 x 16)	78	14	400211	NUT (M5) Stainless Steel	6	12
400212	NUT (M6) Stainless Steel	8	2	4002314	WASHER	76	5
400247	LOCKWASHER (M8)	6	10	400248	LOCKWASHER (M10)	48	23
4008612	SCREW (M4 x 12)	24	13	4008820	SCREW (M6 x 20)	24	15
4010516	SCREW (M5 x 16) Stainless Steel	12	16	4010612	SCREW (M6 x 12) Stainless Steel Circuit Breaker Bracket to PCM Bracket	14	10
4010612	SCREW (M6 x 12) Stainless Steel	16	NS	4010612	SCREW (M6 x 12) Stainless Steel	70	11
4010618	SCREW (M6 x 18) Stainless Steel	70	13	4010735	SCREW (M8 x 35)	54	5
4010775	SCREW (M8 x 75)	52	17	40125100	NUT (M10)	48	21
4013610	NUT (M10) Stainless Steel	92	9	401366	NUT (M6) Stainless Steel	16	25
401386	NUT (M6) Stainless Steel	24	26	41063A1	BRACKET ASSEMBLY	96	62
41471	LOCKWASHER (.375)	82	10	41471	LOCKWASHER (.375)	82	13
41575A10	HARNESS ASSEMBLY	96	64	41575A11	HARNESS ASSEMBLY	96	64
415825	CLAMP Nylon	76	10	41802	SEAL Rubber	96	67
41877	STUD (M10)	80	2	42077	SEAL	46	8
42077	SEAL Fitting	98	-	42307	WASHER Spherical	96	47
42600A09	MERCATHODE ASSEMBLY	12	14	4285069	HOSE (44.00 Inches Bulk) Starboard Manifold to Distribution Fitting	56	2
4285069	HOSE (44.00 Inches Bulk) Starboard Manifold to Distribution Fitting	58	2	428611	FITTING Pipe - Brass (.750-14)	50	13
428611	FITTING Pipe - Brass (.750-14)	50	22	42996	SPRING (Stainless Steel)	70	5
43504	PIN Dowel	36	2	43504	PIN Dowel Flywheel Housing Location	42	20
43504	PIN Dowel Flywheel	48	4	44348001	TUBE Exhaust	82	1
457101	O-RING (1.424 x .103)	70	3	45862	SCREW (#10-32 x .875)	14	16
46950	COTTER PIN	80	22	47277	SCREW (.312-24 x .750)	32	8
47651	SCREW (.437-14 x 1.50)	94	3	47651	SCREW (.437-14 x 1.50)	94	19
47688	SCREW (.375-16 x 2.750)	32	6	47688	SCREW (.375-16 x 2.750)	94	24
483471	SPRING	28	11	483481	CAP	28	13
48358T	PLUG (.375)	26	2	48358T	PLUG (.375) Oil Galley	42	29
48409	SCREW (#10-16 x .625) Stainless Steel	88	18	49126	BUSHING Pilot	94	23
49734	SENDER Water Temperature	54	7	49955	GASKET Drain Screw	42	11
49955	GASKET Drain Screw	98	-	52185	CLAMP	18	9
5251914	HOSE (53.00 Inches Bulk) Pump to Oil Cooler (37 Inch)	80	11	530451	GASKET	52	5
530451	GASKET Thermostat Housing	54	2	530451	GASKET Lower Thermostat Housing	98	-
53167	SCREW (.312-18 x .880)	86	5	54676	RETAINER Two Wire	18	15
54790	STUD Crankshaft Bearing Cap	36	7	547971	KEY	28	14
56393	SCREW (.437-20 x 1.75)	8	24	56720	WASHER (.330 x .750 x .060) Stainless Steel	84	8
56720	WASHER (.330 x .750 x .060) Stainless Steel	86	8	57053	SCREW (.500-20 x 4.500)	96	45
57792	WASHER	8	5	58491	CHANNEL Rubber (4.00 Inches)	88	31
58640	SCREW (.375-16 x 1.25)	82	9	59784	SCREW (.250-10 x 1.00)	88	25
627021	O-RING (.301 x .070)	36	30	62750	CLIP	46	14
62826T06	CABLE ASSEMBLY Ground (13.00 Inches) Black	48	22	63341	TEE NUT	84	14
63341	TEE NUT	86	12	64878	SPRING (Black)	52	11
65567	WASHER (.265 x .750 x .048) Stainless Steel	14	7	65746	SCREW (.250-20 x .750)	84	23
657461	SCREW AND LOCKWASHER (.250-20 x .625)	18	19	657461	SCREW AND LOCKWASHER (.250-20 x .625)	86	17
66284A2	BASE ASSEMBLY	92	4	668631	SCREW (.375-16 x 2.500)	50	9
68101	SCREW (.375-16 x 1.375)	94	24	68102	LOCKWASHER (.750)	92	7
68219	NUT (#10-32) Stainless Steel	12	15	68219	NUT (#10-32) Stainless Steel	16	18
68219	NUT (#10-32) Stainless Steel	36	19	68219	NUT (#10-32) Stainless Steel	54	9
68292	NUT (.312-18)	88	28	68402	PIN (.250 x 1.13) Clevis	86	15
69355	TIE STRAP (5.50 Inches)	10	-	71458	WASHER	32	17
71587A10	RECOVERY KIT Coolant	72	14	71587A11	BOTTLE Plastic Coolant Recovery Kit	72	15
72058	CAP Coolant Recovery Bottle	72	16	72521	LOCKWASHER Internal Tooth	80	17

PARTS INDEX

Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
726071	SCREW (5/16-18x x .875)	42	13	72640	PLUG Expansion, Camshaft Bearing Hole	42	30
72821	RETAINER	18	23	73379	PLUG (.250-18)	50	12
74036	FITTING Grease	48	NS	74036	FITTING Grease	94	2
74036	FITTING Grease	96	42	76596	SCREW (.250-20 x 1.250)	48	2
76926	SCREW (.375-16 x .875)	96	44	77054	TIE STRAP (14.50 Inches)	80	NS
78458A1	TUBE	96	61	79023A91	FUSE ASSEMBLY 90 Ampere	6	8
79023T10	FUSE ASSEMBLY 110 Ampere	88	19	79091	FUSE 20 Ampere	12	10
79138A9	CABLE ASSEMBLY (6.00 Feet) Black-Negative	88	8	79139A12	CABLE ASSEMBLY Red-Positive	88	23
79147A09	HARNESS ASSEMBLY	88	5	79550A1	BRACKET Mount	92	1
79695T	BOOT Insulator (Black)	6	7	79968	SCREW (#12-11 x .750)	76	9
8018611	RING SET Piston	40	2	802893Q01	FILTER Fuel/Water Separating - Quicksilver Brand	22	4
802893T	FILTER Fuel/Water Separating - Mercury Brand	22	4	803186	CAMSHAFT	36	11
803852	COUPLING	90	11	804507	SEAL	28	10
804507	SEAL Exhaust Valve	98	-	804910001	RETAINER Crankshaft Oil Seal	42	33
804911001	CRANKSHAFT	36	3	804912T02	PAN Oil	42	9
804913	FLYWHEEL	48	3	805062	O-RING (.530 x .082)	20	7
805062	O-RING (.530 x .082)	98	-	805063	O-RING (.301 x .070)	20	5
805063	O-RING (.301 x .070)	98	-	805218T	SENSOR	52	12
805218T	SENSOR	54	6	805406	FILTER	20	14
805491	DECAL Coolant Color Code	2	-	805531	O-RING (.476 x .075)	20	15
805559	SCREW (.375-16 x .875) Stainless Steel	72	13	80617382	HOSE (58.00 Inches Bulk) Fuel Pressure Regulator To Intake Manifold	20	25
80617382	HOSE (58.00 Inches Bulk) (Cut to Appropriate Length)	26	21	806232	O-RING (.239 x .064)	80	23
806242	CONNECTOR	26	26	806490T	SENDER	52	6
806490T	SENDER Temperature	54	7	806608A02	PLUG ASSEMBLY (.500-13) Blue	52	9
806608A02	PLUG ASSEMBLY (.500-13) Blue	58	30	806608A02	PLUG ASSEMBLY (.500-13) Blue	72	6
806608A02	PLUG ASSEMBLY (.500-13) Blue	74	2	806608A02	PLUG ASSEMBLY (.500-13) Blue	78	12
806689	FITTING Tee	26	22	8067271	CAP Drive Lube Monitor Lube Reservoir	10	4
806871	GASKET	52	2	806871	GASKET Thermostat Housing	98	-
806922	SLEEVE	52	14	806949	NUT (M8-1.5)	6	4
806949	NUT (M8-1.5)	6	5	807075A1	COVER Thermostat Housing	54	11
807130A4	PIPE Exhaust	82	6	8071341	SEAL Thermostat	54	4
8071341	SEAL Thermostat	98	-	807166A1	SHUTTER ASSEMBLY Water	82	7
807167	GROMMET	82	8	807252T1	THERMOSTAT 60 Degree C (140 Degree F)	52	13
807456A2	COVER	48	1	807661	HOSE Transom to Cooler	56	21
807661	HOSE Transom to Cooler	58	21	807685T	INSULATOR Base	20	2
807729T	PULLEY	32	7	807730T	PULLEY Crankshaft	32	12
807756A02	GASKET SET Engine Overhaul	20	-	807756A02	GASKET SET Engine Overhaul	26	-
807756A02	GASKET SET Engine Overhaul	28	-	807756A02	GASKET SET Engine Overhaul	32	-
807756A02	GASKET SET Engine Overhaul	42	-	807756A02	GASKET SET Engine Overhaul	98	-
807783A1	FITTING ASSEMBLY 90 Degree	20	4	807930T01	INSULATOR Cover	20	21
807962A15	BRACKET ASSEMBLY Shift	84	1	807962A15	BRACKET ASSEMBLY Shift	86	1
807979T	BRACKET	20	11	8079921	COVER Hose Clamp End	80	NS
8079923	COVER Clamp	56	NS	8079923	COVER Clamp	58	NS
8079923	COVER Clamp	66	NS	8079923	COVER Hose Clamp End	80	NS
808001A1	FITTING ASSEMBLY	20	6	808002A1	FITTING KIT	20	17
808003	CONNECTOR	22	6	808005	SCREW (.250-20 x .500)	20	19
808009T10	SWITCH ASSEMBLY Shift Interrupt	84	18	808009T11	SWITCH ASSEMBLY Gear Indicator	84	20
808009T11	SWITCH ASSEMBLY Gear Indicator	86	18	808010	SCREW (.312-18 x 1.375)	26	4
808023T	STRAP	10	2	808023T	STRAP	96	50
808547	O-RING	24	10	808547	O-RING	98	-
808728T	ADAPTER ASSEMBLY	90	10	809463A1	SOLENOID KIT Starter	6	2
809825	RTV SILICONE (3 Ounce Tube) Metallic Blue Where Applicable	36	-	809907002	PUMP ASSEMBLY Oil	42	1
8099081	SCREEN Oil Pump Pick-Up	42	3	809992	VALVE Intake	28	9
811839T02	CONNECTING ROD ASSEMBLY	40	3	8118441	LIFTER Roller	36	10
811858001	BEARING	40	5	811859	BEARING	40	5
812498A1	VALVE KIT Relief	90	NS	812499A1	VALVE KIT Relief	90	NS
812619	FUSE Yellow - 20 Ampere	88	6	813995A1	GUIDE ASSEMBLY Spring	84	22
814001	PIN Clevis	84	15	814263A1	BASE ASSEMBLY Mount Assembly	94	10
814309A1	HOUSING ASSEMBLY	94	21	8148791	CAP Pressure	72	8

PARTS INDEX

Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
815425T	SENDER ASSEMBLY Oil	14	3	815425T	SENDER ASSEMBLY Oil Pressure	36	17
815504105	CLAMP Worm Gear (11-18 mm)	28	24	815504105	CLAMP Worm Gear (11-18 mm) Hose	80	12
815504212	CLAMP Worm Gear	56	26	815504212	CLAMP Worm Gear	58	26
815504212	CLAMP Worm Gear	64	32	815504212	CLAMP Worm Gear	68	14
815504216	CLAMP Worm Gear (1.56 Diameter)	56	22	815504216	CLAMP Worm Gear (1.56 Diameter)	58	22
815504216	CLAMP Worm Gear (1.56 Diameter)	64	28	815504222	CLAMP Worm Gear (1.98 Diameter)	56	25
815504222	CLAMP Worm Gear (1.98 Diameter)	58	25	815504222	CLAMP Worm Gear (1.98 Diameter)	62	3
815504222	CLAMP Worm Gear (1.98 Diameter)	64	27	815504222	CLAMP Worm Gear (1.98 Diameter)	68	2
815504222	CLAMP Worm Gear (1.98 Diameter)	68	8	815504222	CLAMP Worm Gear (1.98 Diameter)	96	55
815504224	CLAMP Worm Gear	56	28	815504224	CLAMP Worm Gear	64	33
815504228	CLAMP Worm Gear	56	23	815504228	CLAMP Worm Gear	58	23
815504228	CLAMP Worm Gear	64	31	815504232	CLAMP Worm Gear (2.50 Diameter)	56	24
815504232	CLAMP Worm Gear (2.50 Diameter)	64	29	815504272	CLAMP Worm Gear	82	2
815504272	CLAMP Worm Gear	82	4	815504396	CLAMP Worm Gear Heat Exchanger	72	10
816133	FITTING	22	2	816331	NUT (.750-16) Jam	94	11
816492A15	ALARM KIT	14	15	816565	PLUG Cup (.468)	32	23
816585	SCREW (.312-18 x .875) To Flywheel Housing	70	14	816585	SCREW (.312-18 x .875)	80	15
8167301	NUT	42	26	817416A4	HOUSING ASSEMBLY Bearing	94	33
817417T	SPACER	94	35	8175051	SCREW (.250-20 x .625)	58	33
8175051	SCREW (.250-20 x .625)	74	4	8183812	PINION STUD (.437-20) Stainless Steel	8	14
818390	DRAIN COCK	54	12	818465	BEARING SET 5 Pair	36	1
818466	BEARING SET 5 Pair	36	1	818467	BEARING SET 5 Pair	36	1
818468	BEARING SET 5 Pair	36	1	8184851	KEY Crankshaft	36	4
818679	O-RING	72	3	818718A3	COVER KIT Flywheel Inspection	94	29
82130025	SCREW (M6 x 25)	14	6	82130025	SCREW (M6 x 25)	16	20
823444	SCREW	90	9	8241481	BALANCED SHAFT	36	20
824150	BEARING Needle Rear	36	22	8241511	GEAR KIT Balance Shaft	36	25
824152	SCREW	36	26	824153	RETAINER Balance Shaft	36	23
8243171	VALVE Exhaust	28	8	8243181	VALVE Exhaust	28	8
824326002	GASKET SET Intake Manifold	26	3	824326002	GASKET SET Intake Manifold	98	-
824329	SCREW (.312-18 x .750)	32	30	824329	SCREW (.312-18 x .750)	36	27
8243311	RETAINER Lifter Guide	36	13	8243321	SCREW (.312-18 x .625)	36	14
824333	RETAINER Camshaft	32	25	824334	SCREW (.250-20 x .500)	32	26
82670811	NUT (.312-24)	22	11	826709106	NUT (#10-32) Stainless Steel	16	18
82670912	NUT (.375-16) Stainless Steel	94	7	82671112	NUT (.375-16)	78	20
8267119	NUT (.250-28)	6	9	8267138	NUT (.25-20)	24	17
8267139	NUT (.250-28)	24	20	827149001	COVER Rocker	28	1
827152	GROMMET Breather Elbow	28	NS	827152	GROMMET PCV Valve	28	NS
827153	SCREW	28	28	827154	GASKET Rocker Cover	28	6
827154	GASKET Rocker Cover	98	-	827155	O-RING	28	29
827155	O-RING	98	-	8271783	CYLINDER HEAD	28	17
828054	COVER Fuse	12	20	828054	COVER Fuse	88	7
828213	SCREW (.312-18 x 1.500) Hex Flange	8	4	830861	SCREW (#8-32 x .625)	14	16
83296910	FUSE Mini - Red - 10 Ampere	12	8	8329692	FUSE Mini - Gray - 2 Ampere	12	8
832969T15	FUSE Mini - Blue - 15 Ampere	12	8	832969T20	FUSE Mini - Yellow - 20 Ampere	12	8
834985	GROMMET	14	8	835000	RING SET Piston	40	2
835001T	PISTON ASSEMBLY	40	1	835002T	PISTON ASSEMBLY	40	1
841389	SCREW (.312-18 x .620)	10	5	841897T	RING Retaining	94	18
843353	O-RING	46	13	843378	PIN Dowel Alignment,Oil Pump	42	7
845602	NUT (.375-16)	42	8	845757	SCREW (.437-20 x 1.00)	48	5
845943	SCREW (.250-20 x .500)	36	24	852368	SCREW (#10-24 x .750)	20	28
853678T	SENSOR TPS	24	2	85674	BEARING SET	36	8
856954	BUSHING	14	9	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	12	7
859126	NUT (.750-16)	94	13	859135	NUT (.437-20) Brass/Nickel Plated	8	13
859135	NUT (.437-20) Brass/Nickel Plated	8	25	859318T1	TERMINATOR 10 Pin (CAN 1 and 2)	12	9
860008	SCREW (.250-20 x .625) Torx	14	12	860065A1	BRACKET KIT	96	49
860069	NUT (.375-16)	20	24	860091T	ADAPTER	46	7
86015	GASKET Flywheel Inspection Cover	94	30	860346	FITTING Elbow (90 Degree) (.750)	32	4
861126A1	REGULATOR KIT (43 PSI)	20	13	861156A03	PUMP/COOLER KIT Fuel	20	3
861163	QUICK CONNECTOR (90 Degree) To Transom	10	6	861406	SOCKET	68	16

PARTS INDEX

Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
861414	RING Retaining	20	10	861427	CAP	68	17
861523A18	COUPLER ASSEMBLY Engine - Short Steel Hub	96	60	861577	STUD Double Ended Metric (M10)	48	16
861578	PULLEY	80	4	861580	STUD	92	3
861680	INSULATOR	88	17	861776A2	PLATE KIT	82	11
861776A2	PLATE KIT	96	63	861788	SCREW (M10 x 1.5)	6	3
86197763	HOSE (33.00 Inches Bulk)	28	25	862040	SEAL Lip	78	7
862225	FITTING	36	31	862232A2	IMPELLER	78	2
862268T1	TUBE	96	65	862268T2	TUBE	96	66
8623175	HOSE Cylinder Block Drain to Distribution Fitting	56	5	8623175	HOSE Cylinder Block Drain to Distribution Fitting	58	5
862351T	PULLEY	78	18	8623601	PLUG Fuel Rail Block Off	26	24
862548A1	BRACKET KIT Floor Or Transom Mounted	88	24	862603	FITTING	36	29
862646	FUSE Tan - 5 Ampere	12	19	862776A01	COVER KIT Impeller Housing	78	10
862813	FITTING Tee	42	12	862914A13	HOUSING ASSEMBLY Impeller	78	1
862914T10	PUMP KIT Sea Water	78	-	862914T11	PUMP KIT Sea Water	78	-
862993	FITTING Y, (2) 1-1/4 In. Hose Barbs / (1) 3/4 In. Hose Barb	64	14	862994T	FITTING	50	20
862998	VALVE Idle Air	24	14	863006	O-RING (10.82 x 1.78)	24	9
863006	O-RING (10.82 x 1.78)	98	-	863007A1	STARTER MOTOR ASSEMBLY	6	1
863053T	MANIFOLD ASSEMBLY Air	76	4	8630542	HOSE (40.00 Inches Bulk) Grey (Cut to 33 Inch Length)	76	7
8630561	HOSE (42.00 Inches Bulk) Black (Cut to 28 Inch Length)	76	NS	863057	PUMP Bracket Assembly	76	1
863077T	ALTERNATOR ASSEMBLY Black 65 Amp - With 50mm Pulley	8	1	863129	BALL	50	19
863129	BALL	70	7	863151	SEAL Quad Ring	20	23
863151	SEAL Quad Ring	98	-	86322A15	CABLE ASSEMBLY (5.50 Inches) Black	88	9
86322A24	CABLE ASSEMBLY (4.00 Inches)	88	13	863289	NUT (M6)	28	12
863332	NUT (.500-20) Aluminum	48	18	863355	DECAL Caution	2	-
863381A1	DRAIN ROD ASSEMBLY	74	12	863416T	FLAME ARRESTOR	24	24
863422T1	BRACKET Fuel Cooler	20	1	863432T	FITTING 90 Degree	26	25
863432T	FITTING	28	27	863444T1	HOUSING Water Distribution	74	1
863449T	BRACKET Water Distribution Housing	74	7	863451T	BRACKET Water Drain Actuator	74	10
863467	FITTING Orange Air Valve	74	14	863485	FITTING	46	2
863490	HOSE Distribution Housing to Distribution Fitting	56	8	863499	FITTING Gray Air Valve	74	15
863631T1	HOUSING Water Distribution	74	1	863656A2	CABLE KIT Ignition (Plug and Coil Wires)	18	12
863657A1	CABLE ASSEMBLY Coil Wire	18	13	863663T	BRACKET Coil	18	24
863674A05	COVER KIT Impeller Housing	78	9	863704T	COIL Ignition	18	18
8637131	FITTING	46	9	863718	FITTING Gray - Straight Male Air	78	15
863719	FITTING Orange - Straight Male Air	78	16	863732T1	BRACKET Oil Filter	46	1
863741	E-RING	74	17	863781	HOSE Distribution Housing to Fuel Cooler	56	7
863781	HOSE Distribution Housing to Fuel Cooler	64	24	863786A1	FITTING ASSEMBLY	50	17
863802T2	HOUSING Water Distribution	74	1	863820T1	COOLER Power Steering	80	14
863829	MUFFLER Intake Air Control	24	6	863839	COVER	74	5
863853	STUD	78	19	863864	BEARING Pilot	94	23
863865	COVER	74	6	863911A12	LEVER ASSEMBLY Shift	86	13
864206A1	CHECK VALVE ASSEMBLY	56	13	864206A1	CHECK VALVE ASSEMBLY	58	13
864206A1	CHECK VALVE ASSEMBLY	64	9	864287	STUD (M6)	16	24
864337A1	CONNECTOR Black	16	23	864338	STUD Special	24	23
864398T1	HOUSING ASSEMBLY Thermostat	54	1	864431	HOSE Heat Exchanger to Distribution Housing	64	25
864456T	BRACKET Alternator Brace	8	19	864493	THERMOSTAT 77°C (170°F)	54	10
864494T	BRACKET Cooler	72	11	864506	HOSE Thermostat to Heat Exchanger	64	21
864507	HOSE Thermostat to Heat Exchanger	64	22	864551	HOSE Intake to Circulation Pump	64	20
864621A1	FITTING ASSEMBLY Distribution	56	9	864621A1	FITTING ASSEMBLY Distribution	58	9
864625T	PULLEY (4.25 Inch Diameter)	8	15	864669	FITTING	36	15
864689	PLUG Expansion	50	2	864689	PLUG Expansion	50	14
864701	O-RING (1.112 x .103)	50	18	864701	O-RING (1.112 x .103)	70	9
864708	COVER End, Heat Exchanger	72	2	864727	FITTING Y, (3) 1-1/4 In. OD Hose Barbs	62	4
864727	FITTING Y, (3) 1-1/4 In. OD Hose Barbs	68	3	864727	FITTING Y, (3) 1-1/4 In. OD Hose Barbs	68	6
864887	SCREW (M5)	76	6	864907T	SPRING	84	4
865047T	PULLEY	32	7	865143T01	BRACKET Sea Water Pump	78	23
865147T01	SCREW (#6-32 x .750) Stainless Steel	84	19	865147T01	SCREW (#6-32 x .750) Stainless Steel	84	21
865147T01	SCREW (#6-32 x .750) Stainless Steel	86	19	865148	SHOULDER SCREW (.312-18 x 1.843) Stainless Steel	84	5

PARTS INDEX

Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
865148	SHOULDER SCREW (.312-18 x 1.843) Stainless Steel	84	17	865148	SHOULDER SCREW (.312-18 x 1.843) Stainless Steel	86	14
865149A02	STUD With Cotter Pin	84	2	865152	SCREW (M6)	78	17
865154A02	STUD KIT (.250-20/.250-28 x 2.120) With Cotter Pin	86	2	865180	DECAL Water Drain, Air Actuated	2	-
865191	FITTING Male	10	9	865193	BUSHING	8	12
865193	BUSHING	8	23	865205	CLIP	12	6
865324	QUICK CONNECT	62	2	865324	QUICK CONNECT	68	5
865324	QUICK CONNECT	68	9	865324	QUICK CONNECT	68	13
865324	QUICK CONNECT	96	54	865329A02	MOUNT KIT Rubber	48	11
865356T	COOLER Fuel	20	8	865362	QUICK CONNECT	62	5
865362	QUICK CONNECT	96	57	865379	FITTING Female	10	8
865380A13	PUMP/MOTOR ASSEMBLY Trim - 12 Volt	88	2	865380A13	PUMP/MOTOR ASSEMBLY Trim - 12 Volt	90	1
865380A25	PUMP ASSEMBLY Trim - Complete	88	1	865389139	HOSE Female Quick Connect (Fittings on Both Ends)	96	51
865390015	HOSE Male Quick Connect (Fitting on One End)	80	10	865390134	HOSE Male Quick Connect (Fitting on One End)	80	10
865390134	HOSE Male Quick Connect (Fittings on One End)	96	52	865393A02	STUD KIT (.250-28 x 1.90) With Cotter Pin	84	13
865393A02	STUD KIT (.250-28 x 1.90) With Cotter Pin	86	11	865412001	FITTING Stainless Steel	88	4
865412001	FITTING Stainless Steel Male Quick Connect	90	7	865413002	FITTING Stainless Steel	88	3
865413002	FITTING Stainless Steel Female Quick Connect	90	5	865414001	FITTING	80	26
865414001	FITTING PS Pressure	96	59	865415	FITTING	80	25
865415	FITTING PS Return	96	58	865433A02	LEVER ASSEMBLY Actuator	84	3
865434A02	RETAINER KIT With Cotter Pin	86	3	865448A01	CAP Oil Reservoir	90	17
865470	HOUSING Inlet	96	53	865598	PULLEY	8	22
865605	DECAL Power Steering Fluid, Color Code	2	-	865655	SCREW (.250-20 x .500)	88	11
865657A03	HOUSING ASSEMBLY Flywheel Flywheel	48	10	865672013	HOSE (4.00 Inches)	68	1
865672079	HOSE (96.00 Inches Bulk)	62	1	865672079	HOSE (96.00 Inches Bulk)	62	6
865672079	HOSE (96.00 Inches Bulk)	68	1	865672079	HOSE (96.00 Inches Bulk)	68	4
865672079	HOSE (96.00 Inches Bulk)	68	7	865677T02	HARNESS ASSEMBLY Transom	12	17
865827T	BREAKER Circuit - 50 Ampere Flag Reset	14	17	865907	FITTING (3/8-18) Inlet	22	7
866114	SCREW (.250-28) Special	20	9	866152	SEAL	72	5
866157	PLUG	26	23	866200A01	CYLINDER ASSEMBLY Power Steering	80	19
866295A02	IAC ADAPTER KIT	24	8	866340K01	FILTER Oil - Mercury Brand	2	-
866340K01	FILTER Oil - Mercury Brand	46	15	866340Q03	FILTER Oil - Quicksilver Brand	2	-
866340Q03	FILTER Oil - Quicksilver Brand	46	15	866509	HOSE Pressure (Fittings on Both Ends)	80	8
866685	HOSE Female Quick Connect (Fittings on Both Ends)	80	8	866689	HOSE Female Quick Connect (Fittings on Both Ends)	80	8
866725	FITTING Straight (.750-14)	50	16	866725	FITTING Straight (.750-14)	50	16
866725	FITTING Straight (.750-14)	50	23	878050	VALVE Bypass	46	12
878187	SENSOR ASSEMBLY Knock	42	15	879150140	GASKET Head	28	18
879150140	GASKET Head	98	-	879150A31	LONG BLOCK	2	-
879150A31	LONG BLOCK (4.3L)	28	-	879150A31	LONG BLOCK (4.3L)	32	-
879150A31	LONG BLOCK (4.3L)	36	-	879150A31	LONG BLOCK (4.3L)	40	-
879150A31	LONG BLOCK (4.3L)	42	-	879172A11	HOUSING ASSEMBLY Thermostat	52	1
879172T32	BRACKET Lifting Eye, Rear	12	1	879194344	RELUCTOR WHEEL	32	24
879194362	COVER ASSEMBLY Timing	32	18	879194363	SENSOR ASSEMBLY Crankshaft Position	32	9
879194364	SEAL Crankshaft Oil	42	34	879194364	SEAL	98	-
879194365	SEAL Oil	32	19	879194365	SEAL Crankshaft Oil	98	-
879194367	GASKET Water Pump	32	3	879194367	GASKET Water Pump	98	-
879194369	BOLT Timing Cover	32	20	879194370	PLUG Pipe	32	2
879194372	SCREW	40	4	879194401	PUMP ASSEMBLY	32	1
879194489	OPERATION MANUAL 4.3L EC	2	-	879194A03	GIMBAL BEARING KIT	94	17
879288A19	ELBOW ASSEMBLY No Rise, Port	50	10	879288A21	ELBOW ASSEMBLY No Rise, Starboard	50	10
879288A25	ELBOW ASSEMBLY 2 Inch Riser	50	10	879288A28	ELBOW ASSEMBLY 4 Inch Riser	50	10
879288A30	ELBOW ASSEMBLY 6 Inch Riser	50	10	879288A34	ELBOW KIT Intermediate	82	3
879288A35	ELBOW KIT Intermediate	82	3	879288A36	ELBOW KIT Intermediate	82	3
879288A37	ELBOW KIT Intermediate	82	3	879288A38	ELBOW KIT Intermediate	82	3
879288Q20	BELT Serpentine	8	10	879288Q20	BELT Serpentine	32	31
879288T01	MANIFOLD Intake - Lower	26	1	879312003	INJECTOR	26	15
881715	GASKET Crankshaft Oil Seal Housing	42	32	881715	GASKET Crankshaft Oil Seal Housing	98	-
881733	SEAL	26	9	881733	SEAL	98	-
881879010	SENSOR Pressure	14	4	881879010	SENSOR	80	16

PARTS INDEX

Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
881879T11	SENSOR Pressure (0 - 100 PSI)	14	4	881879T11	SENSOR Pressure (0 - 100 PSI) Oil Pressure	36	16
882751	RELAY	12	5	883164001	ROCKER ARM ASSEMBLY Roller	28	15
883165	SUPPORT Rocker Arm	28	16	883166A2	RESERVOIR KIT	90	16
883167	SCREW (#8-32)	90	4	884018001	SCREW	32	11
884786	SCREW	18	3	884788	SCREW	18	5
884788	SCREW	18	7	884789	GEAR ASSEMBLY	18	8
885165	SENSOR Manifold Air Pressure and Temperature	26	8	885166	SCREW	26	7
885170001	THROTTLE BODY ASSEMBLY	24	1	885171	STUD	24	30
885172	GASKET Throttle Body	24	7	885172	GASKET	98	-
885174	REGULATOR Fuel Pressure	26	18	885175	CLIP Fuel Pressure Regulator Retaining	26	19
885177	RETAINER Injector	26	16	885178	VALVE Fuel Pressure Service	26	13
885179	CAP Fuel Pressure Service Valve	26	14	885180	SCREW	26	11
885180	SCREW	26	20	885192	O-RING	32	10
885192	O-RING Sensor Assembly	98	-	885342002	SENSOR ASSEMBLY	50	15
88641	INSULATOR Back	22	8	888416T04	HARNESS ASSEMBLY DTS, Clean Power, 15 Feet	12	18
888751A03	DISTRIBUTOR ASSEMBLY	18	1	888773T	MANIFOLD Intake Upper	26	5
888774	GASKET Intake Manifold	26	6	888774	GASKET Intake Manifold	98	-
888775T	FUEL RAIL ASSEMBLY	26	12	888776T	HARMONIC BALANCER	32	14
888778	SCREW Crankshaft Bearing Cap	36	6	888782	GROMMET Timing Cover	32	21
888782	GROMMET Timing Cover	98	-	889664	NUT (1.500-18) Black Nylon	14	2
891736T	MOTOR ASSEMBLY Complete	90	2	891737	BRUSH KIT	90	NS
891868	O-RING	90	6	891868	O-RING	90	8
892608	BOARD ASSEMBLY Circuit - Radio Frequency Interference Filter	90	3	892619A01	SHIM KIT Rear Engine Mount	48	17
89302	WASHER (.203 x .406 x .040)	20	16	89496	FILTER	90	14
89498	O-RING Motor End	90	12	897445501	SCREW (M6 x 20 MM) Flame Arrestor Bracket to Oil Fill Tube	24	28
898141	SENSOR Hall Effect	18	20	898253013	ROTOR	18	4
898253T23	CAP Distributor	18	2	89876A3	BASE ASSEMBLY Fuel Filter With Water Separator	22	1
89879	O-RING (.301 x .064)	80	9	89879	O-RING (.301 x .064)	80	24
898832	NUT (.500-20)	96	48	899145	CLIP Tie Strap	14	13
89919	BOOT Insulator - Black	14	14	8M0043174	O-RING	28	3
8M0043174	O-RING	28	5	8M0043702	DECAL M-Icon, 53mm Black	2	-
8M0043702	DECAL M-Icon, 53mm Black	24	32	8M0045997	LINE Fuel Fuel Pressure Regulator To Fuel Filter	20	26
8M0045997	LINE Fuel Fuel Regulator to Filter	22	9	8M0046000	LINE Fuel Fuel Filter To Fuel Pump	20	27
8M0046000	LINE Fuel Fuel Pump to Filter	22	10	8M0046157	BRACKET Air Pump	76	2
8M0046566	CAP Service Point	76	3	8M0046869	O-RING KIT	26	17
8M0050018	DRIVESHAFT ASSEMBLY KIT	78	-	8M0050619	TIMING CHAIN SET Chain and Sprockets	32	27
8M0050945	HARNESS ASSEMBLY Engine	12	4	8M0052111	PARTS MANUAL 4.3L MPI Alpha/Bravo EC	2	-
8M0053016	DECAL Center 4.3L EC	2	-	8M0053016	DECAL Center 4.3L EC	24	33
8M0053017	DECAL Center 4.3L EC (SeaCore)	2	-	8M0053017	DECAL Center 4.3L EC (SeaCore)	24	33
8M0053833	BRACKET Drive Lube Monitor	10	1	8M0053835	RESERVOIR Lube Monitor	10	3
8M0053836	BRACKET Alternator	8	7	8M0053837	BRACKET Lifting Eye Front	12	3
8M0053838	BRACKET Idler Adjusting	8	11	8M0053840	COVER Engine	24	27
8M0053875	MANIFOLD ASSEMBLY Exhaust Port	50	1	8M0053876	MANIFOLD ASSEMBLY Exhaust Starboard	50	1
8M0053878	CATALYST	50	5	8M0053928	VALVE ASSEMBLY Poppet	70	-
8M0053929	HOUSING Poppet	70	2	8M0054003	PCM Propulsion Control Module	14	5
8M0054004	PCM Propulsion Control Module	14	5	8M0054005	PCM Propulsion Control Module	14	5
8M0054006	PCM Propulsion Control Module	14	5	8M0054010	BRACKET Electrical	14	1
8M0054011	BRACKET Circuit Breaker	14	11	8M0054023	DIPSTICK Oil	42	19
8M0054058	HEAT EXCHANGER Closed Cooling	72	1	8M0054119	TUBE ASSEMBLY Oil Fill	28	4
8M0054510	STUD	24	34	8M0054620	HARNESS Hot Stud	16	21
8M0058192	OPERATION MANUAL 4.3/5.0 MPI EC	2	-	8M0059347	PCM Propulsion Control Module	14	5
8M0059348	PCM Propulsion Control Module	14	5	8M0059349	PCM Propulsion Control Module	14	5
8M0059350	PCM Propulsion Control Module	14	5	8M0062666	HOSE (96.00 Inches Bulk)	96	56
8M0065285	VALVE PCV	28	30	8M0069696	GASKET	32	22
8M0074350	OPERATION MANUAL 4.3/5.0L MPI ECT	2	-	8M0076416	COVER Rocker	28	1
8M0086933	OPERATION MANUAL 4.3/5.0L MPI ECT	2	-	8M0099724	OPERATION MANUAL 4.3/5.0L MPI ECT	2	-
8M0099853	PCM Propulsion Control Module	14	5	8M0099854	PCM Propulsion Control Module	14	5
8M0099855	PCM Propulsion Control Module	14	5	8M0099856	PCM Propulsion Control Module	14	5
8M0104386	DECAL 180, Silver	2	-	8M0104853	OPERATION MANUAL 4.3 MPI EC	2	-

PARTS INDEX

Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
8M0104854	INSTALLATION MANUAL 4.3L MPI EC	2	-	8M0109121	FLAME ARRESTOR	24	24
8M0109125	PCM Propulsion Control Module	14	5	8M2000229	SCREW (.375-16 x 4.75)	50	4
8M2000545	NUT (M10) Stainless Steel	80	7	8M2001030	FILTER	24	11
8M2001502	CLAMP	68	11	8M2001645	SEAL Oil	78	4
8M2001671	GROMMET	24	31	8M2003728	Y-FITTING	56	15
8M2003728	Y-FITTING	58	15	8M2003728	Y-FITTING	64	6
8M2003959	SENSOR Oxygen	50	6	8M2004196	HOSE Cooler to Y-Fitting	56	16
8M2004196	HOSE Cooler to Y-Fitting	58	16	8M2004196	HOSE Cooler to Fitting	64	7
8M2004414	GASKET	50	11	8M2004597	BRACKET Cover	50	7
8M2004606	GASKET	50	11	8M2004610	STUD (3/16-16 x 2.25)	74	9
8M2005622	FITTING Reducer (M28 x .250)	36	28	8M2007128	SCREW (1/4-20) Hex Flange	50	8
8M2010186	POPPET	52	15	8M2010186	POPPET	70	4
8M2010475	GASKET Poppet Cover	52	4	8M2012165	HOSE Y-Fitting to T-Fitting	56	17
8M2012165	HOSE Y-Fitting to T-Fitting	58	17	8M2012166	HOSE T Fitting to Port Elbow	56	19
8M2012166	HOSE T Fitting to Port Elbow	58	19	8M2012167	HOSE T Fitting to Starboard Elbow	56	20
8M2012167	HOSE T Fitting to Starboard Elbow	58	20	8M2012295	FITTING ASSEMBLY	64	30
8M2014001	FITTING Tee, Green Bravo	56	18	8M2014001	FITTING Tee, Green Bravo	58	18
8M2014002	FITTING Tee, Red Alpha	56	18	8M2014002	FITTING Tee, Red Alpha	58	18
8M2014176	PLATE Wear	78	11	8M2015351	LINE Fuel Fuel Cooler To Fuel Rail	20	22
8M2015913	PLUG (.250-28 x .320)	94	2	8M2016778	FITTING Banjo	42	27
8M2017413	HOSE Thermostat to Manifold	64	17	8M2017792	STUD Hot (3/8-16)	16	19
8M2017894	DECAL Flush Port	2	-	8M2018020	HOSE Thermostat to Manifold	64	19
8M2018369	SPARK PLUG (NGK ITR4A15)	18	14	8M2018584	HOSE Thermostat Housing to Starboard Manifold	56	4
8M2018584	HOSE Thermostat Housing to Starboard Manifold	58	4	8M2018590	BELT Serpentine	8	10
8M2018590	BELT Serpentine	32	31	8M2018839	HOSE Thermostat Housing to Distribution Housing	58	6
8M2018848	HOSE Thermostat to Manifold	64	18	8M2018849	HOSE Thermostat to Manifold	64	16
8M2018850	HOSE Heat Exchanger to Circulation Pump	64	26	8M2018851	HOSE ASSEMBLY Thermostat Housing to Circulation Pump	56	11
8M2018851	HOSE ASSEMBLY Thermostat Housing to Circulation Pump	58	11	8M2018901	TUBE Dipstick	42	18
8M2018984	BELT Serpentine	8	10	8M2018984	BELT Serpentine	32	31
8M2019142	INSULATOR	16	22	8M2019147	DECAL 4.3L MPI Spec	2	-
8M2019150	DECAL Water Drain Caution, Alpha	2	-	8M2019570	HOSE Thermostat Housing to Port Manifold	56	3
8M2019570	HOSE Thermostat Housing to Port Manifold	58	3	8M2019733	CAP Oil Fill	28	2
8M2019902	HOSE (42 Inches)	68	15	8M2019957	BRACKET Alternator to Idler	8	21
8M2019972	BRACKET Alternator	8	26	8M2019982	CAP Poppet Housing	70	8
8M2019984	HOSE Fitting to Elbow	64	1	8M2019985	HOSE Poppet to Elbow, Top	64	3
8M2019986	HOSE Poppet to Elbow, Bottom	64	4	8M2019987	BRACKET Poppet Valve	70	12
8M2019988	HOSE Heat Exchanger to Poppet	64	23	8M2020111	HOSE Oil	46	6
8M2020112	BRACKET Throttle	24	16	8M2020160	HOSE Oil	46	5
8M2020273	HOSE Check Valve to Fuel Cooler	56	12	8M2020273	HOSE Check Valve to Fuel Cooler	58	12
8M2020273	HOSE Check Valve to Fuel Cooler	64	10	8M2020274	HOSE Y-Fitting to Check Valve	56	14
8M2020274	HOSE Y-Fitting to Check Valve	58	14	8M2020274	HOSE Fitting to Check Valve	64	8
8M2020276	HOSE Drain to Y-Fitting	64	11	8M2020338	BRACKET Coil	18	25
8M2020370	CLAMP	28	26	8M2020373	HOSE Cooler to Fitting	64	13
8M2020419	BRACKET Cover Mount	24	25	8M2020436	DECAL Belt Routing, Alpha	2	-
8M2020437	DECAL Belt Routing, Bravo	2	-	8M2020465	FITTING	70	1
8M2020527	CLIP Hose	16	NS	8M2020615	HOSE Fitting to Elbow	64	1
8M2020616	HOSE Poppet to Elbow, Top	64	3	8M2020619	HOSE Fitting to Elbow	64	1
8M2020620	HOSE Poppet to Elbow, Top	64	3	8M2020622	HOSE Fitting to Elbow	64	1
8M2020623	HOSE Poppet to Elbow, Top	64	3	8M2020625	HOSE Poppet to Elbow	64	2
8M2020626	HOSE Poppet to Elbow, Bottom	64	4	8M2020634	FITTING Tee, Special	58	24
8M2020943	HOSE Sea Pump to Fitting	64	15	8M2020990	HOSE Sea Pump to Cooler	56	27
8M2021026	BRACKET Tee Fitting	58	32	8M2021039	HOSE Drain	64	12
8M2021334	BRACKET Flush Valve	8	28	8M2021494	HOSE Fitting to Fuel Cooler	58	7
8M2021515	HOSE Fitting to Fitting	58	10	8M2021553	HOSE Port Manifold to Distribution Fitting	56	1
8M2021553	HOSE Port Manifold to Distribution Fitting	58	1	8M2021609	HOSE (33 Inches) Black	76	8
8M2021613	HOSE Fitting to Fitting	56	10	8M2021624	HOSE Poppet to Elbow	64	2
8M2021647	CLAMP Fuel line to Port Head	20	29	8M2021674	SCREW (.437-20 x 2.50)	32	15
8M2021739	HOSE (2.75 Inches) Distribution Housing to T-Fitting	58	8	8M2021810	HOSE (3 Inches) Poppet to Fitting	64	5

PARTS INDEX

Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
8M2021987	O-RING Formed (Also included with Reference 8 and 9)	78	3	8M2021996	BRACKET Idler to Power Steering Pump	8	17
8M2021996	BRACKET Power Steering	80	5	8M2022151	FITTING	70	10
8M2023367	HOSE Thermostat Housing to Distribution Housing	56	6	8M4501756	FITTING	68	10
8M8020473	CAP Thermostat	52	7	90096A1	STUD ASSEMBLY (#10-32 x Special)	18	22
90285	SCREW (.312-18 x .625)	88	27	90517	NUT (M10)	80	7
905201	SPACER (.750 x .250)	80	13	92850	CLAMP Harness to Block	12	12
92913	SCREW (.437-14 x .750)	94	27	93906A2	SHAFT Output	94	14
93911A4	HOUSING ASSEMBLY Shaft Extension Support	94	1	93914	RING Retaining	96	37
93915	RING Retaining	96	38	93918A1	SHIELD Lower	94	4
93918A1	SHIELD Lower	96	43	93919A1	SHIELD Upper	94	6
939201	PLATE Cover	94	26	93921	EXPANSION PLUG	96	41
93923A1	MOUNT ASSEMBLY Flywheel Housing	94	9	93924	SEAL Oil	96	39
93944A2	BEARING SET Ball	94	34	93944A2	BEARING SET Ball	94	36
94104	RING Retaining	94	16	94247	SCREW (.375-16 x .750) Stainless Steel	72	4
94275	LINK Connector	88	14	94330	NUT (.250-20) Brass	88	16
95084A10	CABLE ASSEMBLY (5.00 Inches) Red	12	11	95084A9	CABLE ASSEMBLY (91.00 Inches) Red/Purple Strip	12	11
95353A1	VALVE KIT Thermal Relief	90	NS	95805	CAP	80	3
96158T	SOLENOID	88	10	96995	SCREW (.375-16 x .880)	94	5
96995	SCREW (.375-16 x .880)	94	8	97477A3	STUD KIT Throttle Anchor	24	18
976641	SEAL	28	10	976641	SEAL Intake Valve	98	-
97850T	ELBOW 90 Degree Breather	28	23	97934	SCREW (.500-20 x 5.370) Special	48	13
98253	SCREW (.250-20 x .500)	94	31	98260	SCREW (.375-16 x .620)	88	30
98261	SCREW (.375-16 x .750)	8	8	98261	SCREW (.375-16 x .750)	8	18
98261	SCREW (.375-16 x .750)	12	2	98261	SCREW (.375-16 x .750)	12	2
98261	SCREW (.375-16 x .750)	12	13	98261	SCREW (.375-16 x .750)	18	21
98261	SCREW (.375-16 x .750)	20	30	98261	SCREW (.375-16 x .750)	42	21
98261	SCREW (.375-16 x .750)	46	3	98261	SCREW (.375-16 x .750)	74	11
98634A20	EXTENSION KIT Jackshaft Kit	94	-	98794	SCREW (.375-16 x 1.00)	82	12
98828	SPACER	86	4	98880	SPRING	84	7
98880	SPRING	86	7	99299	SPACER (.520 x .870 x .630)	48	15
99322	SPACER	48	12	99757	GASKET	50	3
99757	GASKET Manifold	98	-	F430732	SCREW (.312-18 x 1.250) Stainless Steel	42	16
NSS	NOT SOLD SEPARATE Screw	6	11	NSS	NOT SOLD SEPARATE	18	6
NSS	NOT SOLD SEPARATE O-Ring	24	3	NSS	NOT SOLD SEPARATE SCREW	24	4
NSS	NOT SOLD SEPARATE Washer	24	5	NSS	NOT SOLD SEPARATE GASKET	24	12
NSS	NOT SOLD SEPARATE Spacer	24	19	NSS	NOT SOLD SEPARATE Bracket-Component of 888771T	26	10
NSS	NOT SOLD SEPARATE Camshaft Sprocket	32	28	NSS	NOT SOLD SEPARATE Crankshaft Sprocket	32	29
NSS	NOT SOLD SEPARATE Cap-Crankshaft Bearing	36	5	NSS	NOT SOLD SEPARATE BEARING	36	21
NSS	NOT SOLD SEPARATE Oil Deflector Included with Pan	42	6	NSS	NOT SOLD SEPARATE DRIVESHAFT ASSEMBLY	78	5
NSS	NOT SOLD SEPARATE SPACER	78	6	NSS	NOT SOLD SEPARATE SNAP RING	78	8
NSS	NOT SOLD SEPARATE Input Shaft	96	40				