

Parts Manual

Cat.# 90-80948898

Revised 09-11-2020

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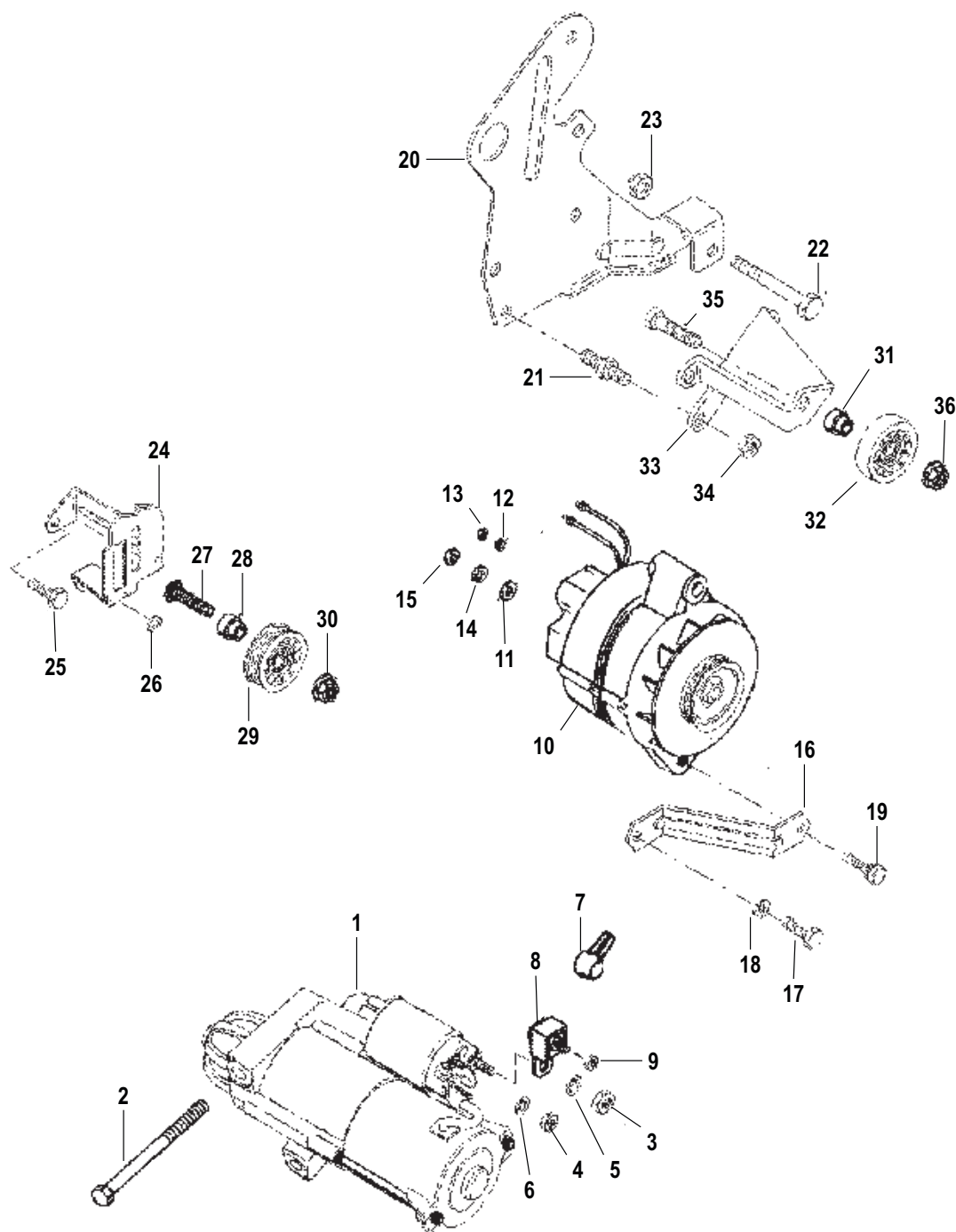
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SERVICE AND SUPPORT MATERIAL

SERVICE AND SUPPORT MATERIAL

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0090	80948898	350 MAG MPI ALPHA/BRAVO (GEN+)		1	
-	0090	860168981	OWNERS MANUAL	(ALPHA)	1	
-	0090	860171981	OWNERS MANUAL	(BRAVO)	1	
-	0037	805364A1	DECAL SET Color Coding (COLOR CODE)		1	

STARTER MOTOR AND ALTERNATOR



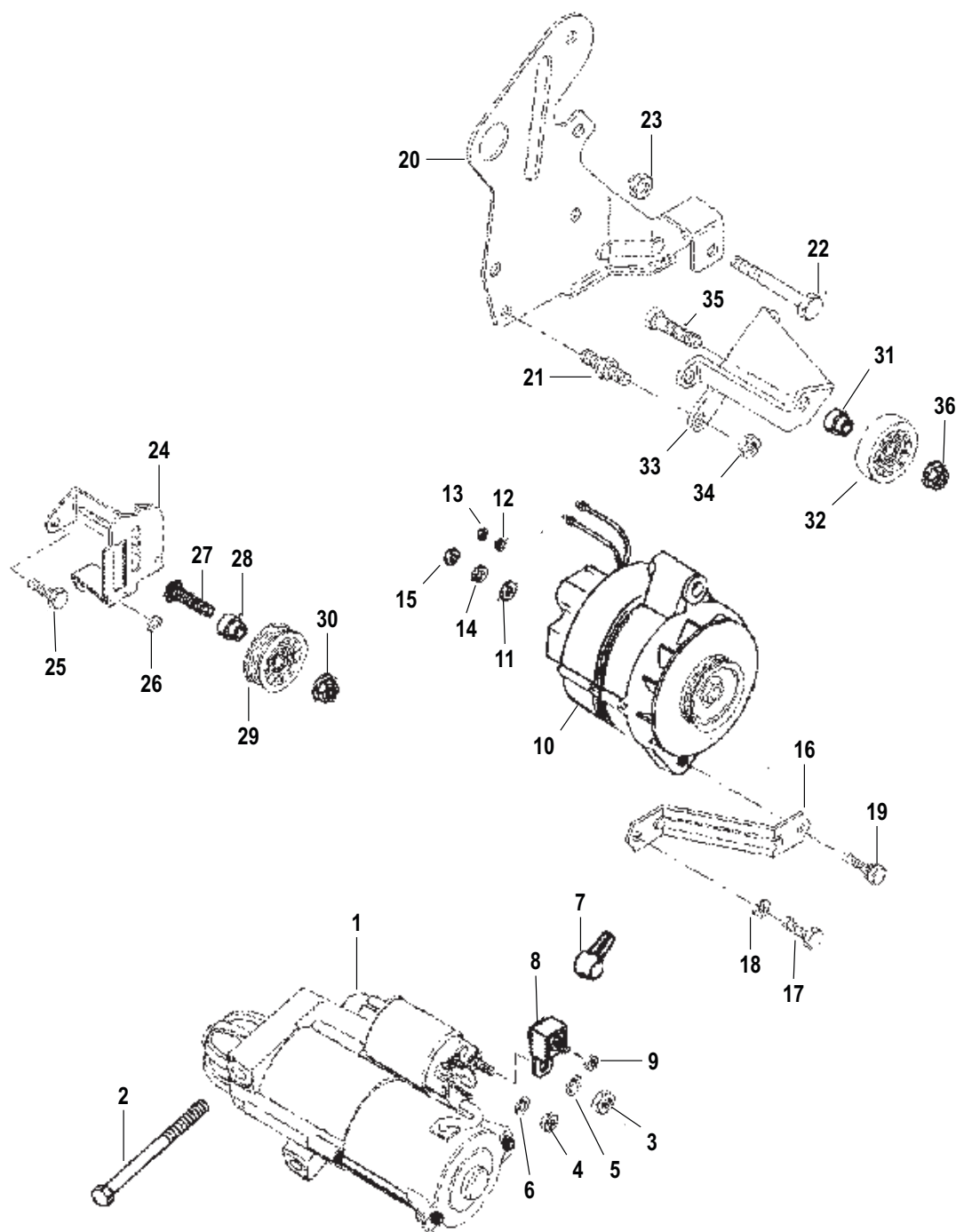
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STARTER MOTOR AND ALTERNATOR

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0050	807904A1	STARTER MOTOR ASSEMBLY	(COMPONENT PARTS NOT AVAILABLE AT TIME OF PRINTING)	1	[1]
2	0010	8053432	SCREW (.375-16 x 4.33)		2	
3	0011	806949	NUT (M8-1.5)		1	
4	0011	400211	NUT (M5) Stainless Steel		1	
5	0013	39107	LOCKWASHER (.312-24)		1	
6	0013	26996	LOCKWASHER (#10) Stainless Steel		1	
7	0085	79695	BOOT Insulator - Black		1	
8	0088	79023A91	FUSE ASSEMBLY 90 Ampere		1	
9	0011	21825	NUT (.250-28)		1	
10	0000	807653T	ALTERNATOR ASSEMBLY	(SEE "ALTERNATOR (MANDO)" FOR BREAKDOWN)	1	[2]
11	0012	96457	WASHER Phenolic (.27 x .81 x .062)		1	
12	0013	26996	LOCKWASHER (#10) Stainless Steel		1	
13	0011	79989	NUT (#10-24) Stainless Steel		1	
14	0013	26992	LOCKWASHER (.250) Stainless Steel		1	
15	0011	94330	NUT (.250-20) Brass		1	
16	0000	807750T	BRACE		1	
17	0010	98261	SCREW (.375-16 x .750)		1	
18	0013	35048	LOCKWASHER (.375)		1	
19	0010	29198	SCREW AND LOCKWASHER (.312-18 x .875)		1	
20	0000	860370T	BRACKET Alternator/Power Steering		1	
21	0016	860102	STUD (.375-16 x 1.730)		3	
22	0010	56743	SCREW (.375-24 x 3.125)		1	
23	0011	23161	NUT (.375-24)		1	
24	0000	807767T	BRACKET Idler Adjustment		1	
25	0010	98261	SCREW (.375-16 x .750)		1	
26	0011	29250	NUT (.312-24)		1	
27	0043	8183812	PINION STUD (.437-20) Stainless Steel		1	
28	0000	818380T	BUSHING		1	
29	0000	807757T	PULLEY ASSEMBLY Idler - Black		1	
30	0011	817618	NUT (.437-20)		1	
31	0000	818380T	BUSHING	CLOSED COOLING MODELS	1	
32	0000	818382	PULLEY	CLOSED COOLING MODELS	1	
33	0000	807753	BRACKET Idler	CLOSED COOLING MODELS	1	
34	0011	32219	NUT (.375-16)	CLOSED COOLING MODELS	3	
35	0010	816601	SCREW (.437-20 x 1.500)	CLOSED COOLING MODELS	1	

STARTER MOTOR AND ALTERNATOR

STARTER MOTOR AND ALTERNATOR



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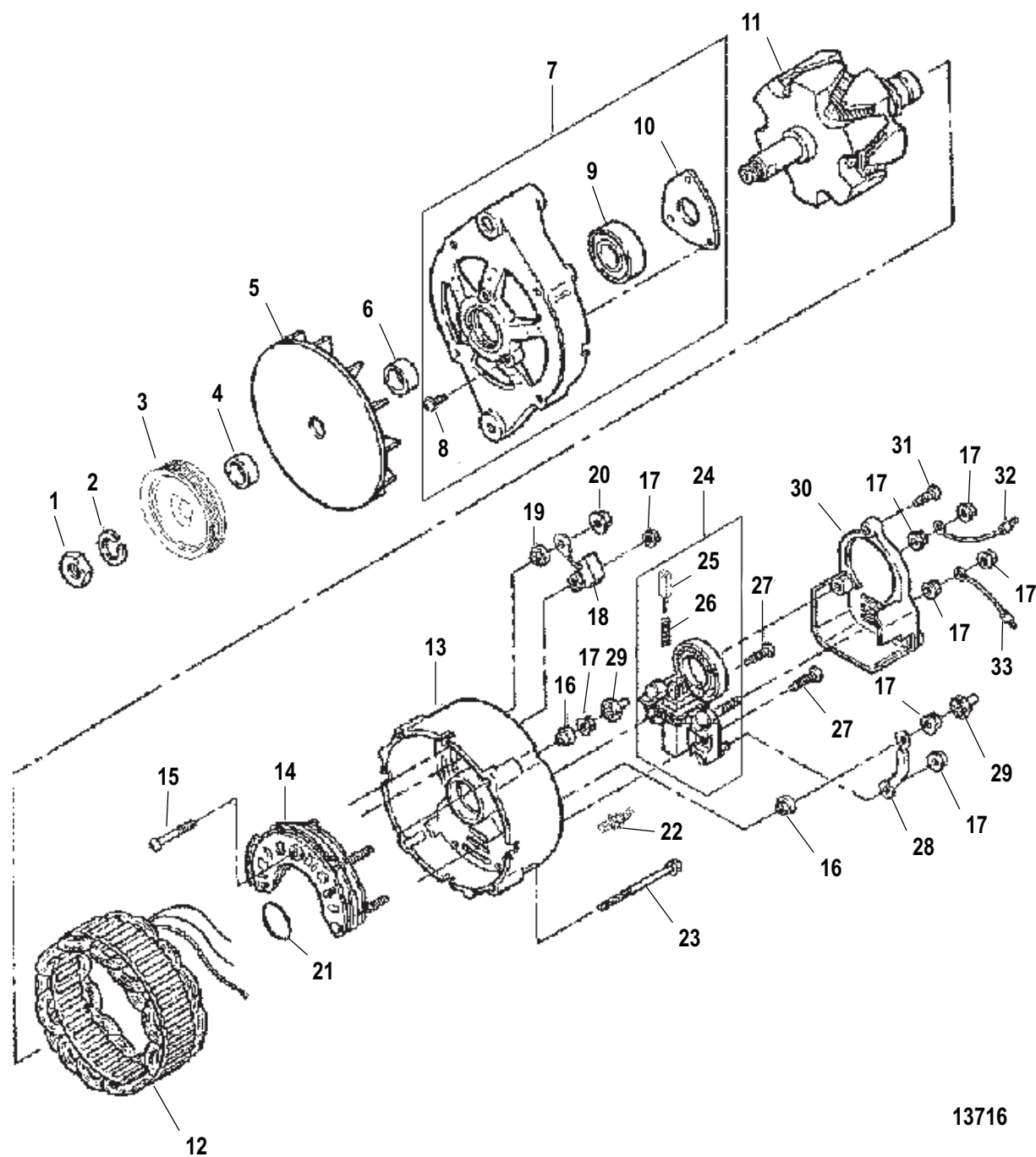
STARTER MOTOR AND ALTERNATOR

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
36	0011	817618	NUT (.437-20)	CLOSED COOLING MODELS	1	

PART NOTES:

- [1] - Alternate part numbers:
807904A 1QS
863007R01Reman
- [2] - Alternate part numbers:
807653R01Reman
807653TQS

ALTERNATOR (MANDO)



13716

ALTERNATOR (MANDO)

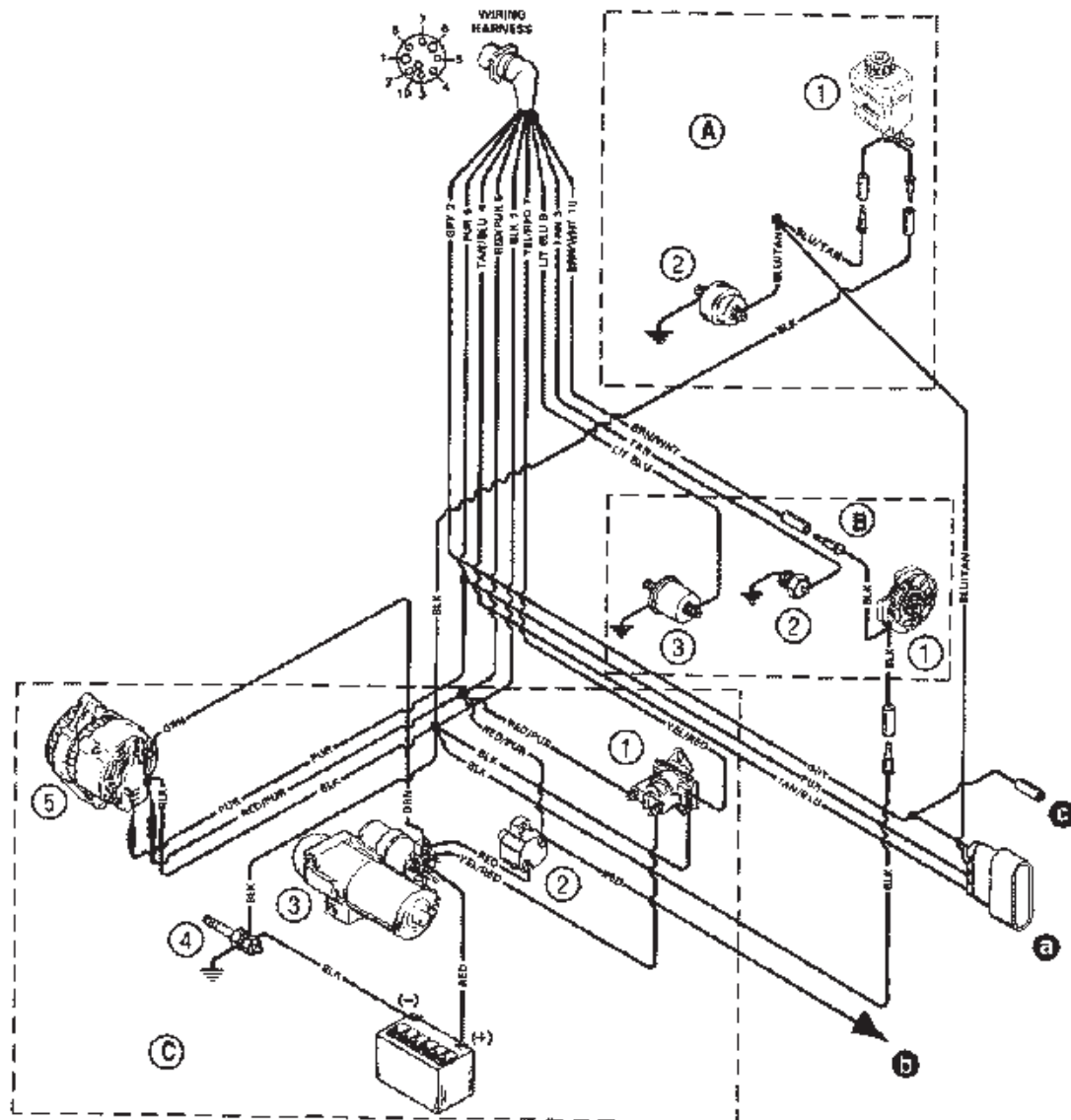
Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	807653T	ALTERNATOR ASSEMBLY		1	[1]
1	0011	809136	NUT		1	
2	0013	809137	LOCKWASHER		1	
3	0000	834990	PULLEY		1	
4	0023	809135	SPACER		1	
5	0000	809139	FAN ASSEMBLY		1	
6	0023	809140	SPACER		1	
7	0000	809151	BRACKET ASSEMBLY		1	
8	0010	809154	SCREW		3	
9	0030	809153	BEARING		1	
10	0000	809152	RETAINER		1	
11	0000	809150	ROTOR		1	
12	0000	809133	STATOR		1	
13	0000	809155	BRACKET ASSEMBLY		1	
14	0000	809162	RECTIFIER		1	
15	0010	809160	SET SCREW		1	
16	0000	809146	MOLD		2	
17	0011	809143	NUT		8	
18	0000	809161	CONDENSER		1	
19	0000	809158	MOLD		1	
20	0011	809157	NUT		1	
21	0025	809156	O-RING		1	
22	0010	809159	BOLT		1	
23	0010	809138	BOLT		4	
24	0000	809163	REGULATOR ASSEMBLY		1	
25	0000	809164	BRUSH		2	
26	0024	809165	SPRING		2	
27	0010	809141	SCREW		2	
28	0000	809142	TERMINAL		1	
29	0000	809149	CAP		2	
30	0000	809144	COVER		1	
31	0010	809145	SET SCREW		1	
32	0084	809148	LEAD WIRE (BLACK)		1	
33	0084	809147	LEAD WIRE (RED)		1	

PART NOTES:

- [1] - Alternate part numbers:
807653R01Reman
807653TQS

ALTERNATOR (MANDO)

WIRING HARNESS (ENGINE)

**A-AUDIO WARNING SYSTEM**

- 1 - Drive Unit Oil Level
- 2 - Oil Pressure Switch

B-INSTRUMENTATION SYSTEM

- 1 - Trim Sender
- 2 - Water Temperature Sender
- 3 - Oil Pressure Sender

C-CHARGING AND STARTING SYSTEM

- 1 - Starter Slave Solenoid
- 2 - Circuit Breaker
- 3 - Starter
- 4 - Ground Stud
- 5 - Alternator

A - Charging And Starting Circuit**B - Audio Warning/Power Reduction Circuit****C - Instrumentation Senders**

a - Harness Connector To Efi System Harness

b - Positive (+) Power Wire To Efi System Harness

c - Auxiliary Tachometer Lead

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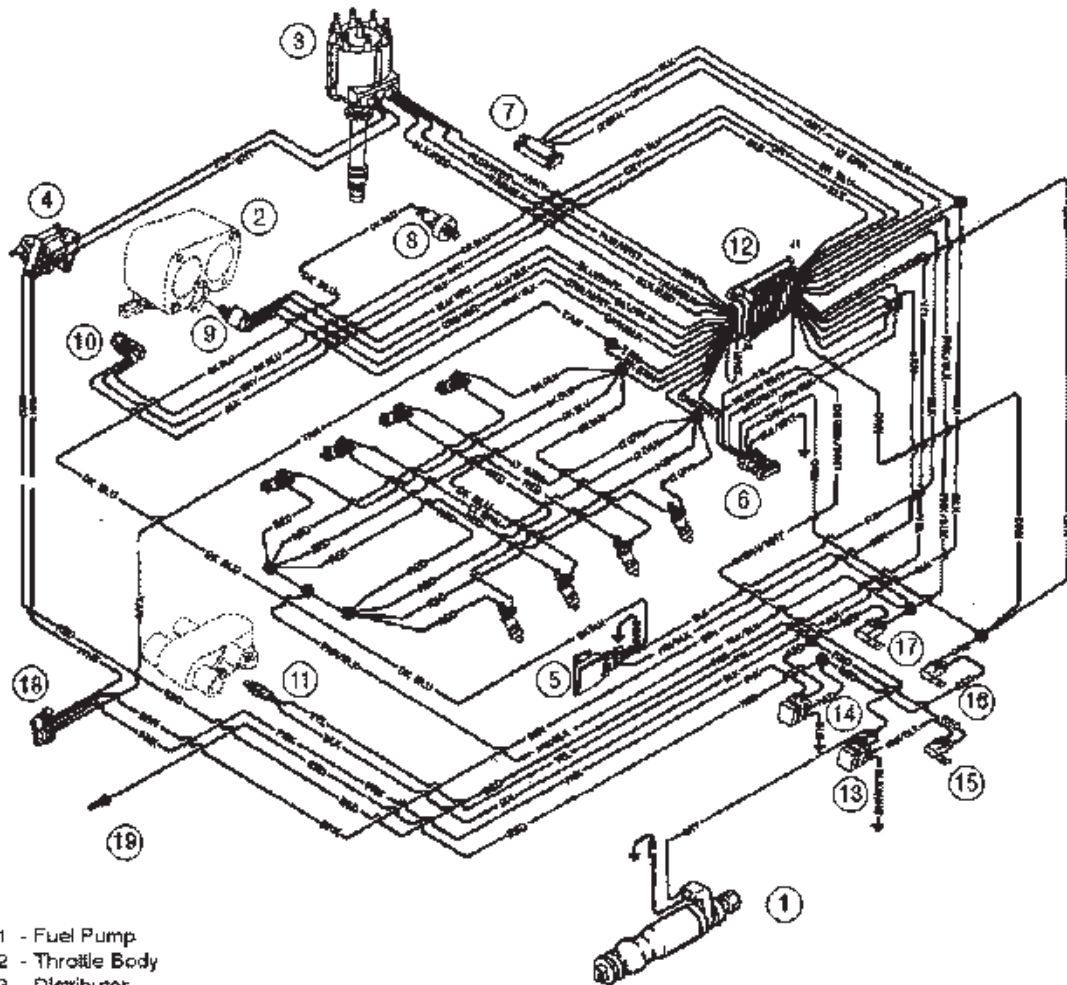
Cat.# 90-80948898

WIRING HARNESS (ENGINE)

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0084	806656A6	HARNESS ASSEMBLY Engine		1	

WIRING HARNESS (ENGINE)

WIRING HARNESS (EFI)



- 1 - Fuel Pump
- 2 - Throttle Body
- 3 - Distributor
- 4 - Coil
- 5 - Electronic Spark Control (KS) Module
- 6 - Data Link Connector (DLC)
- 7 - Manifold Absolute Pressure (MAP) Sensor
- 8 - Knock Sensor
- 9 - Idle Air Control (IAC)
- 10 - Throttle Position (TP) Sensor
- 11 - Engine Coolant Temperature (ECT) Sensor
- 12 - Electronic Control Module (ECM)
- 13 - Fuel Pump Relay
- 14 - Ignition/System Relay
- 15 - Fuse (15 Amp) Fuel Pump
- 16 - Fuse (15 Amp) ECM/DLC/Battery
- 17 - Fuse (10 Amp) ECM/Injector/Ignition/Knock Module
- 18 - Harness Connector To Starting/Charging Harness
- 19 - Positive (+) Power Wire To Engine Circuit Breaker

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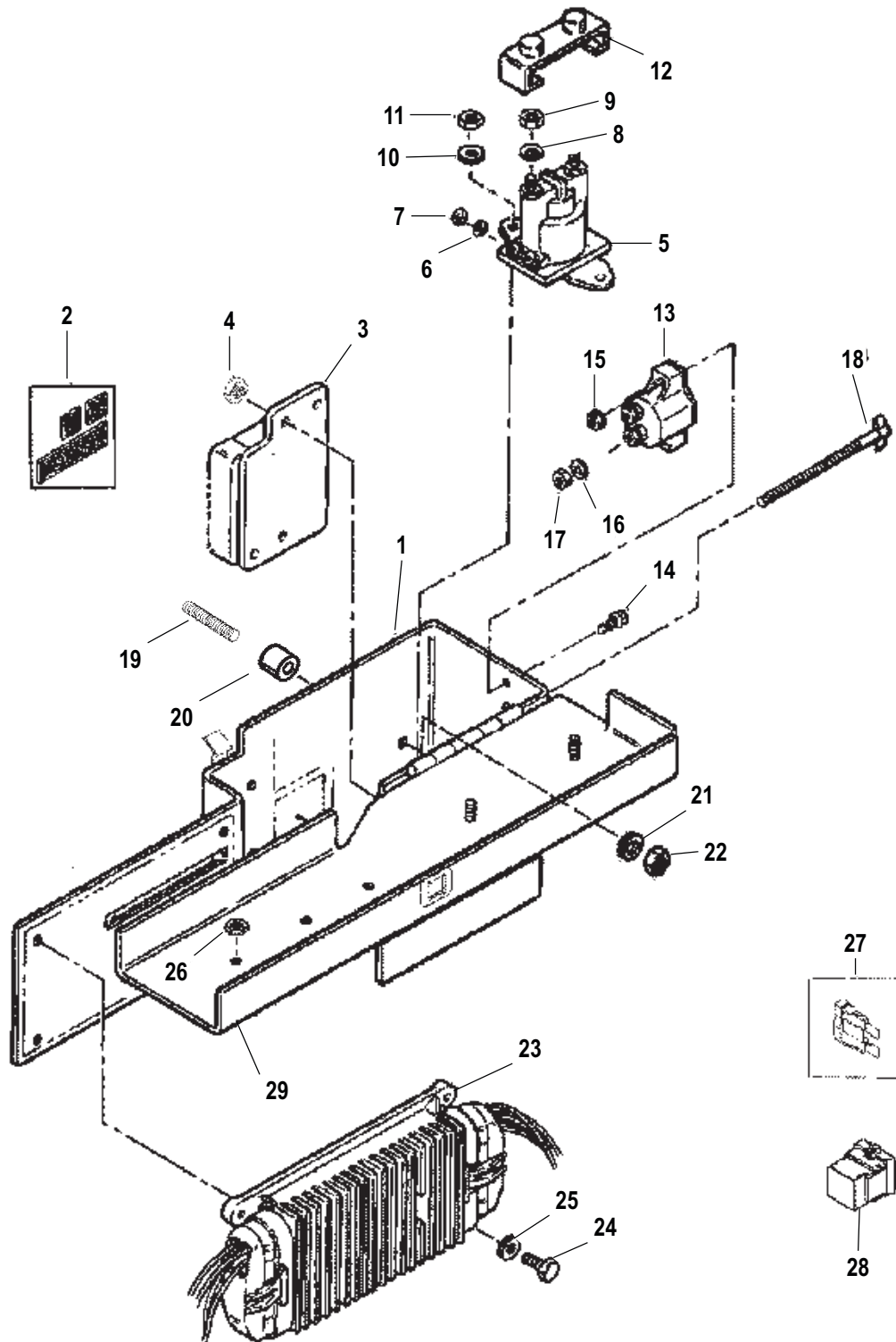
Cat.# 90-80948898

WIRING HARNESS (EFI)

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0084	861263A1	HARNESS ASSEMBLY		1	

WIRING HARNESS (EFI)

ELECTRICAL BOX AND COMPONENTS



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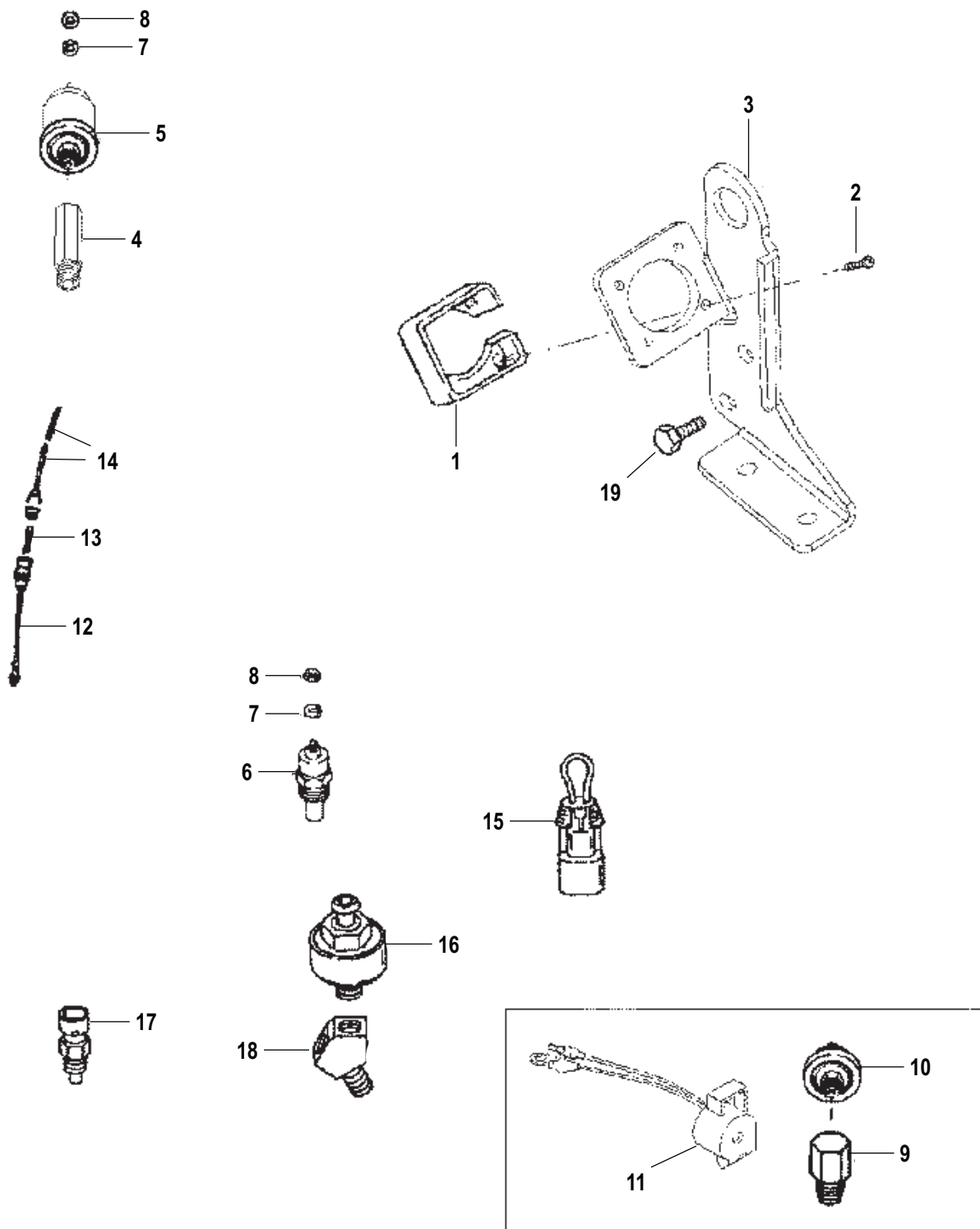
ELECTRICAL BOX AND COMPONENTS

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	807323A5	BOX ASSEMBLY Electrical Components		1	
2	0000	806762A1	VELCRO KIT		1	
3	0000	806611T	MODULE Knock Control		1	
4	0011	64015	NUT (.250-20)		1	
5	0089	96054	SOLENOID ASSEMBLY Starter		1	
6	0013	26995	LOCKWASHER (#8) Stainless Steel		2	
7	0011	26419	NUT (#8-32) Brass		2	
8	0013	26992	LOCKWASHER (.250) Stainless Steel		2	
9	0011	94330	NUT (.250-20) Brass		2	
10	0012	35462	WASHER (.2656 x .625 x .0625) Stainless Steel		2	
11	0011	64015	NUT (.250-20)		2	
12	0085	97861	INSULATOR		1	
13	0088	11178	BREAKER Circuit - 50 Ampere		1	
14	0010	45862	SCREW (#10-32 x .875)		2	
15	0011	61356	NUT (#10-32) Reduced Hex		2	
16	0013	26996	LOCKWASHER (#10) Stainless Steel		2	
17	0011	68219	NUT (#10-32) Stainless Steel		2	
18	0000	805615A2	THUMB SCREW ASSEMBLY		1	
19	0010	24323	SET SCREW (.250-20 x 1.25)		3	
20	0023	806981	SPACER		3	
21	0012	35462	WASHER (.2656 x .625 x .0625) Stainless Steel		3	
22	0011	64015	NUT (.250-20)		3	
23	0000	861265T1	ECM Engine Control Module		1	[1]
24	0010	76596	SCREW (.250-20 x 1.250)		4	
25	0012	20533	WASHER		4	
26	0011	805562	NUT (#10-24)		3	
27	0000	805704	FUSE 15 Ampere		1	
27	0000	805703	FUSE 10 Ampere		1	
28	0000	807057	RELAY Fuel Pump		2	
29	0000	805439T3	LID Electrical Box		1	

PART NOTES:

- [1] - Alternate part numbers:
861265R 6Reman
861265T 1QS

SENDERS AND SENSORS



35454

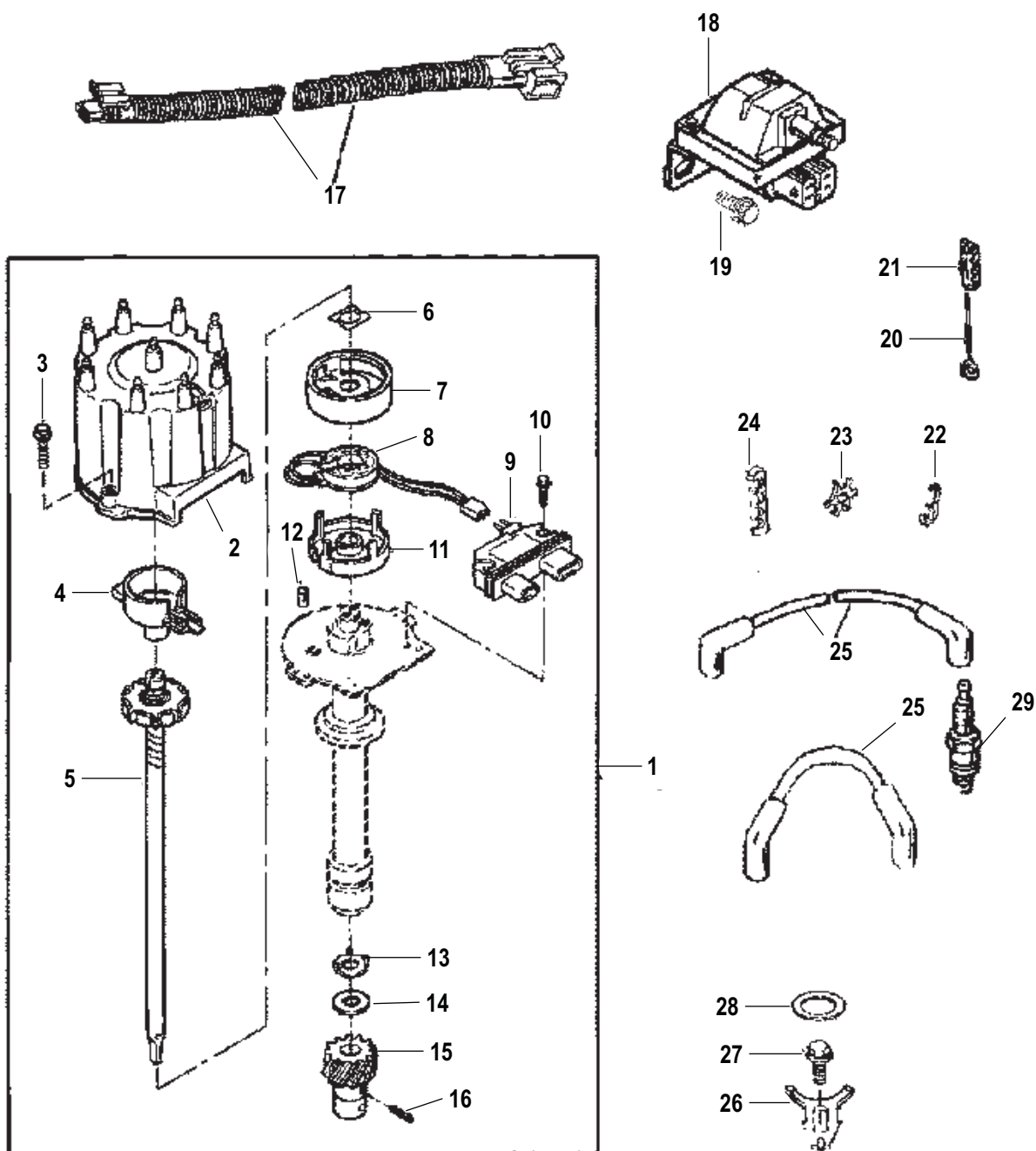
SENDERS AND SENSORS

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	26079A2	PLATE KIT Wire Harness Mount		1	
2	0010	15001	SCREW (#8-16 x .875)		4	
3	0000	806816T	BRACKET/LIFTING EYE Harness Mounting	(REAR)	1	
4	0022	805059	FITTING		1	
5	0000	815425	SENDER ASSEMBLY Oil Pressure		1	
5	0000	37293	SENDER ASSEMBLY Oil Pressure (DUAL STATION)		OPT	[1]
6	0000	97257A1	SENDER ASSEMBLY Water Temperature		1	
6	0000	49734A1	SENDER ASSEMBLY Water Temperature (DUAL STATION)		OPT	[1]
7	0013	26996	LOCKWASHER (#10) Stainless Steel		2	
8	0011	68219	NUT (#10-32) Stainless Steel		2	
9	0022	8053281	FITTING Elbow (90 Degree - .125)	AUDIO WARNING SYSTEM	1	
10	0087	805605A1	SWITCH ASSEMBLY	AUDIO WARNING SYSTEM	1	
11	0000	816492A6	ALARM KIT	AUDIO WARNING SYSTEM	1	
12	0084	95084A9	CABLE ASSEMBLY (91.00 Inches) Red/Purple Strip		1	
13	0088	79091	FUSE 20 Ampere		1	
14	0084	95084A10	CABLE ASSEMBLY (5.00 Inches) Red		1	
15	0000	805592A1	CONNECTOR ASSEMBLY		1	
16	0000	806612T	SENSOR Knock		1	
17	0000	805218T	SENSOR		1	
18	0022	8067051	FITTING Dual		1	
19	0010	98261	SCREW (.375-16 x .750)		2	

PART NOTES:

[1] - OPTIONAL

DISTRIBUTOR AND IGNITION COMPONENTS



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DISTRIBUTOR AND IGNITION COMPONENTS

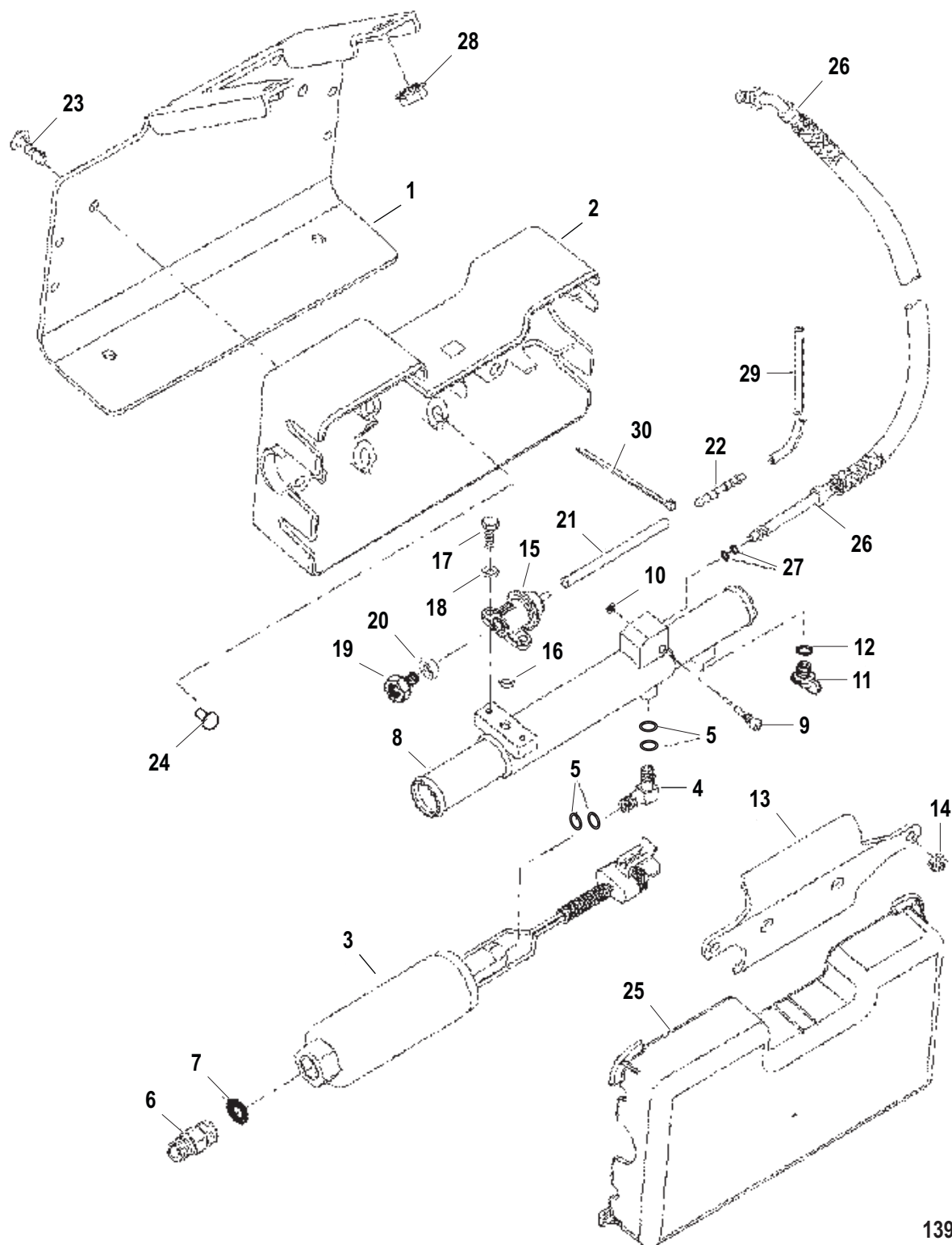
Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	805222A1	DISTRIBUTOR ASSEMBLY		1	
2	0000	808483	CAP		1	[1]
3	0010	808491	SCREW		2	
4	0000	808484	ROTOR		1	[2]
5	0000	808485	SHAFT ASSEMBLY Main		1	
6	0000	808487	RETAINER		1	
7	0000	808486	SHIELD		1	
8	0000	811639	COIL		1	
9	0000	811637	MODULE		1	
10	0010	811638	SCREW		2	
11	0000	811641	POLE PIECE		1	
12	0017	808488	PIN		1	
13	0012	46350	WASHER		1	
14	0012	808489	WASHER		1	
15	0043	808490	GEAR		1	
16	0017	34109	PIN		1	
17	0084	817376T	HARNESS ASSEMBLY Distributor Module to Ignition Coil		1	
18	0000	817378T	COIL Ignition		1	
19	0010	805189	SCREW (.375-16 x .750)		2	
20	0016	90096A1	STUD ASSEMBLY (#10-32 x Special)		2	
21	0054	72821	RETAINER		2	
22	0000	54676	RETAINER Two Wire		2	
23	0000	32783	RETAINER Three Wire		2	
24	0000	32784	RETAINER Four Wire		2	
25	0084	816608A71	CABLE KIT Ignition (SPARK PLUGS & COIL)		1	
26	0000	52185	CLAMP		1	
27	0010	805559	SCREW (.375-16 x .875) Stainless Steel		1	
28	0027	344863	GASKET		1	[3]
29	0033	816336	SPARK PLUG		8	
-	0027	75611A98	GASKET SET Engine Overhaul		1	

PART NOTES:

- [1] - Alternate part numbers:
- 808483Service Part
 - 808483K 1MPP Kit
 - 808483Q 1QS Kit
- [2] - Alternate part numbers:
- 808483K 1MPP Kit
 - 808483Q 1QS Kit
 - 808484Service Part
- [3] - COMPONENT OF ENGINE OVERHAUL GASKET SET 75611A98.

DISTRIBUTOR AND IGNITION COMPONENTS

FUEL PUMP AND FUEL COOLER



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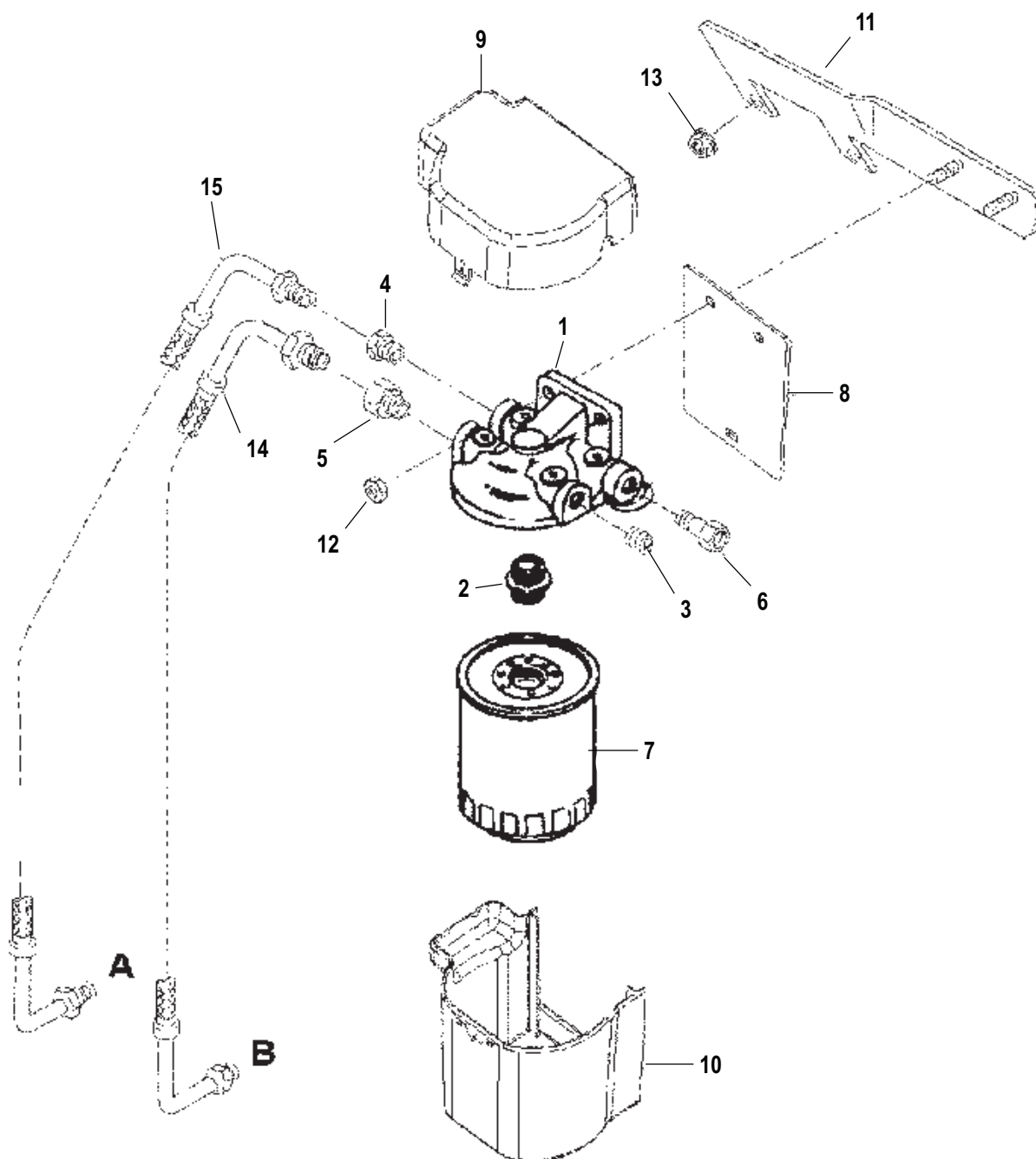
FUEL PUMP AND FUEL COOLER

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	807951T	BRACKET Fuel Cooler		1	
2	0000	807685T	INSULATOR		1	
3	0000	807949A1	PUMP ASSEMBLY 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	861267A1	COOLER KIT Fuel		1	
9	0010	861303	SCREW (.250-28) Special		1	
10	0053	861414	RING Retaining		1	
11	0022	806608A1	PLUG KIT (.500-13) Royal Blue		1	[2]
12	0025	806609	QUAD RING		1	[1]
13	0000	807979T	BRACKET		1	
14	0011	29598	NUT (.250-28) Stainless Steel		2	
15	0000	807952A1	REGULATOR KIT Fuel Pressure		1	
16	0035	805406	FILTER		1	
17	0010	852368	SCREW (#10-24 x .750)		2	
18	0012	89302	WASHER (.203 x .406 x .040)		2	
19	0022	808002A1	FITTING KIT		1	
20	0012	36533	WASHER (.328 x .562 x .0312) Copper		1	
21	0032	80617377	HOSE		1	
22	0022	860273	CONNECTOR		1	
23	0010	808005	SCREW (.250-20 x .500)		4	
24	0000	269011	BUMPER Rubber		8	
25	0000	807930T	INSULATOR Cover		1	
26	0032	861400A1	LINE ASSEMBLY Fuel		1	
27	0025	805063	O-RING (.301 x .070)		2	[1]
28	0011	860069	NUT (.375-16)		2	
29	0032	80617377	HOSE		1	
30	0054	816311	TIE STRAP (8.00 Inches)		AR	[3]
-	0027	75611A98	GASKET SET Engine Overhaul		1	

PART NOTES:

- [1] - COMPONENT OF ENGINE OVERHAUL GASKET SET 75611A98.
- [2] - Alternate part numbers:
806608A 1Service Part
806608Q01QS
- [3] - AS REQUIRED

FUEL FILTER



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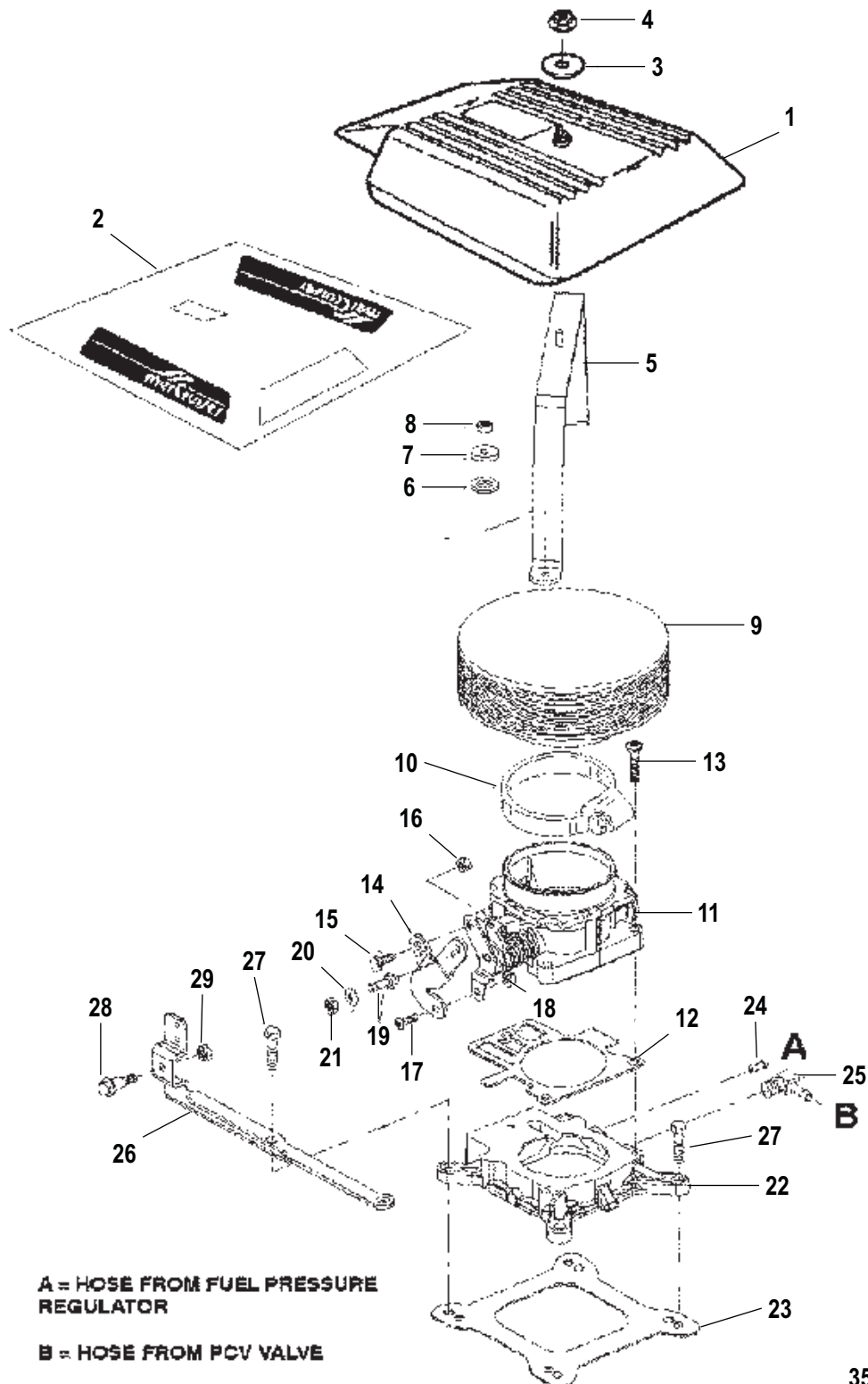
FUEL FILTER

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	89876A3	BASE ASSEMBLY Fuel Filter/Water Seperator		1	
2	0022	8161331	FITTING		1	
3	0022	32561	PLUG Pipe - Allen Head (.250-18)		1	
4	0022	807958	FITTING (1/4-18)		1	
5	0022	33821	CONNECTOR		1	
6	0022	808003	CONNECTOR		1	
7	0035	807172	FILTER Fuel/Water Separator		1	[1]
8	0000	807956T	INSULATOR Back		1	
9	0000	807806T	INSULATOR Cap		1	
10	0000	807807T	INSULATOR Base		1	
11	0000	807918T	BRACKET Fuel Filter Base		1	
12	0011	45592	NUT (.312-24)		2	
13	0011	860069	NUT (.375-16)		2	
14	0032	807953T	LINE ASSEMBLY Fuel		1	
15	0032	807954T	HOSE ASSEMBLY Fuel Regulator to Filter		1	

PART NOTES:

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

INTAKE PLENUM AND FLAME ARRESTOR



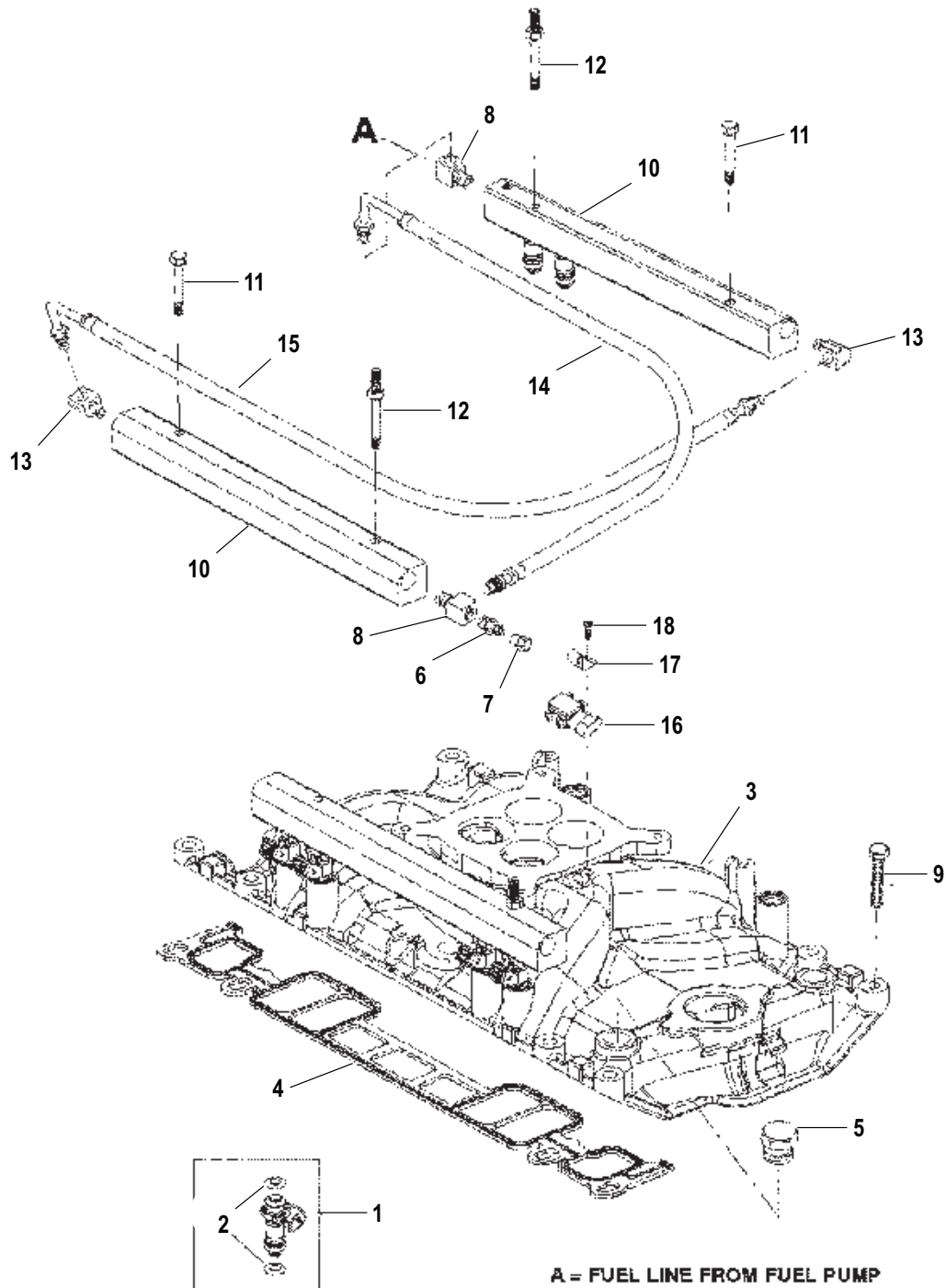
INTAKE PLENUM AND FLAME ARRESTOR

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	18484A3	COVER		1	
2	0037	861314A1	DECAL SET		1	
3	0012	86400	WASHER		1	
4	0011	35045	NUT (.250-28)		1	
5	0000	861408	BRACKET Flame Arrestor		1	
6	0012	30119	WASHER (.875 Inch Outside Diameter)		2	
7	0012	26907	WASHER (5/8 IN. O.D.)		2	
8	0011	64015	NUT (.250-20)		2	
9	0000	861259	FLAME ARRESTOR		1	
10	0054	815504256	CLAMP Worm Gear		1	
11	0000	807671A1	THROTTLE BODY ASSEMBLY		1	
12	0027	807672	GASKET TBU Relocator Tube		1	[1]
NS	0000	853678	SENSOR Throttle Position		1	
NS	0000	853677	VALVE Intake Air Control		1	
NS	0010	853680	SCREW KIT		1	
13	0010	807054	SCREW (.250-20 x 1.00)		3	
14	0000	861387T	BRACKET Throttle Linkage		1	
15	0010	54630	SCREW (.312-24 x .625)		1	
16	0011	35814	NUT (.312-24) Stainless Steel		1	
17	0010	64074	SCREW (.250-28 x .620)		1	
18	0011	20361	NUT (.250-28)		1	
19	0016	805526	STUD (.250-28 x 1.540)		1	
20	0012	20533	WASHER		1	
21	0011	35045	NUT (.250-28)		1	
22	0000	861040A1	PLATE TBI Adaptor		1	
23	0027	41610	GASKET		1	[1]
24	0022	805598	FITTING (.1875) Barb		1	
25	0022	68727	FITTING (.250-18) 90 Degree - Brass		1	
26	0000	861388T	BRACKET Throttle Cable		1	
27	0010	74824	SCREW (.312-18 x 1.250)		4	
28	0010	96430	SHOULDER SCREW		1	
29	0011	814101	NUT (.250-20) Stainless Steel		1	
-	0027	75611A98	GASKET SET Engine Overhaul		1	

PART NOTES:

[1] - COMPONENT OF ENGINE OVERHAUL GASKET SET 75611A98.

INTAKE MANIFOLD AND FUEL RAILS



A = FUEL LINE FROM FUEL PUMP

19320

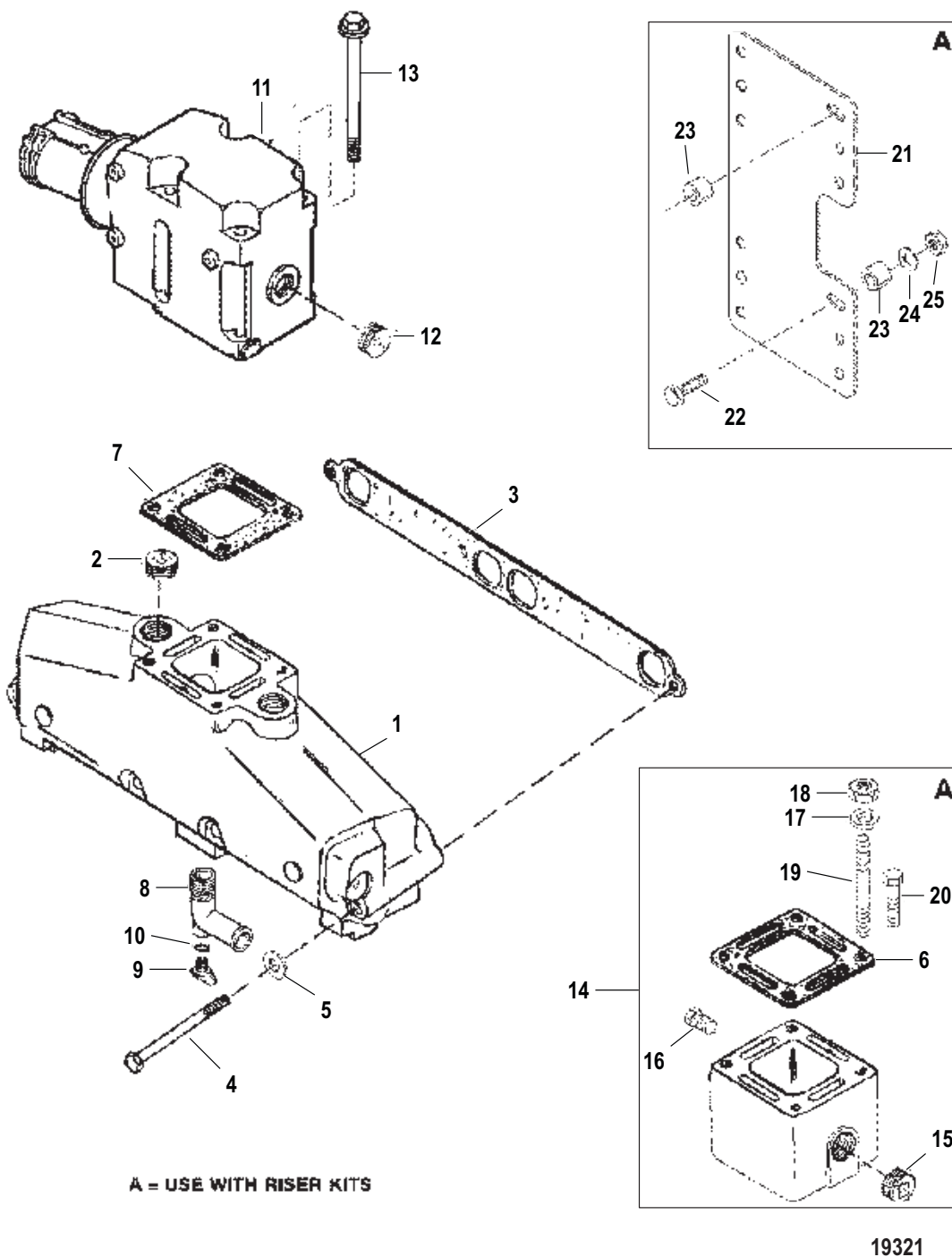
INTAKE MANIFOLD AND FUEL RAILS

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	861260	INJECTOR Fuel		8	
2	0025	851889	O-RING		16	[1]
3	0000	861422A5	MANIFOLD ASSEMBLY Intake		1	
4	0027	807473A1	GASKET SET		1	[1]
5	0022	860075	PLUG Pipe (.500-14)		3	
6	0022	860266	VALVE		1	
7	0022	805515	CAP Shrader Valve - Brass		1	
8	0000	860265	FITTING		1	
9	0010	808010	SCREW (.312-18 x 1.375)		8	
10	0000	861061T	FUEL RAIL		2	
11	0010	86885	SCREW (.250-20 x 1.500) Stainless Steel		2	
12	0016	845019	STUD (.250-20 x 2.750)		2	
13	0022	93385	FITTING (90 Degree)		2	
14	0032	861401	LINE Fuel (21 IN.)		1	
15	0032	861514	LINE Fuel (24 IN.)		1	
16	0000	861249	SENSOR MAP		1	
17	0000	861198	CLIP		1	
18	0010	823588	SCREW (#8-32 x .250)		1	
-	0027	75611A98	GASKET SET Engine Overhaul		1	

PART NOTES:

[1] - COMPONENT OF ENGINE OVERHAUL GASKET SET 75611A98.

EXHAUST MANIFOLD AND EXHAUST ELBOW



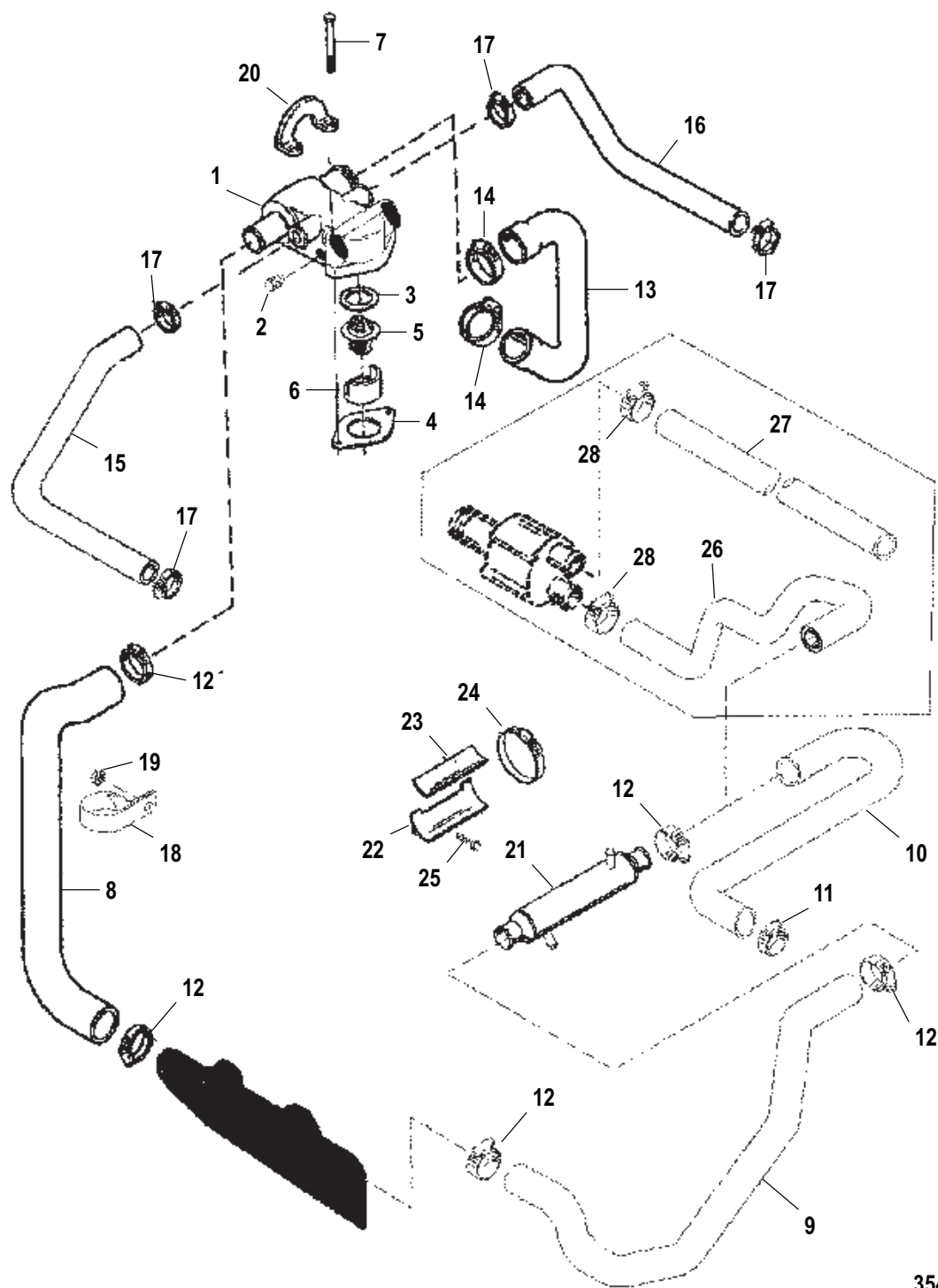
EXHAUST MANIFOLD AND EXHAUST ELBOW

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	860246A3	MANIFOLD ASSEMBLY Exhaust		2	
2	0022	41622	PLUG (.750-14) Pipe		8	
3	0027	33395	GASKET		2	[1]
4	0010	53728	SCREW (.375-16 x 4.75)		8	
5	0012	20533	WASHER		8	
6	0027	860232	GASKET		2	
7	0027	863726	GASKET	(STANDARD COOLING)	2	[1]
8	0022	806926A1	ELBOW KIT Drain		2	
9	0022	806608A1	PLUG KIT (.500-13) Royal Blue		2	[2]
10	0025	806609	QUAD RING		2	[1]
11	0000	807914A1	ELBOW ASSEMBLY Exhaust		1	
11	0000	44354A13	ELBOW ASSEMBLY Exhaust	SWISS EMISSIONS (BSO1 & SAV1)	1	
12	0022	41622	PLUG (.750-14) Pipe		2	
13	0010	43749	SCREW (.375-16 x 5.750)		8	
13	0010	43749	SCREW (.375-16 x 5.750)	SWISS EMISSIONS (BSO1 & SAV1)	4	
13	0010	843504	SCREW (.380-16 x 1.500) Stainless Steel		4	
14	0000	93320A5	RISER KIT Exhaust (3 Inches)	EACH KIT CONTAINS 2 RISERS	1	
14	0000	93322A7	RISER KIT Exhaust (6 Inches)	EACH KIT CONTAINS 2 RISERS	1	
15	0022	41622	PLUG (.750-14) Pipe		2	
16	0022	328021	PLUG Pipe (.125-27)		2	
17	0012	46132	WASHER	USE WITH 3 IN. RISER	4/8	
18	0011	46335	NUT (.375-24)	USE WITH 3 IN. RISER	4/8	
19	0016	11375	STUD (.375 x 9.56)	USE WITH 3 IN. RISER	4/8	
20	0010	14315	SCREW (.375-16 x 4.25)	SWISS EMISSIONS (BSO1 & SAV1) USE WITH 3 IN. RISER	4	
20	0010	12244	SCREW (.375-16 x 1.00)	USE WITH 6 IN. RISER	8	
21	0000	818598T	BRACKET	USE WITH 6 IN. RISER	1	
22	0010	76596	SCREW (.250-20 x 1.250)	USE WITH 6 IN. RISER	3	
23	0023	806981	SPACER	USE WITH 6 IN. RISER	6	
24	0012	35462	WASHER (.2656 x .625 x .0625) Stainless Steel	USE WITH 6 IN. RISER	3	
25	0011	64015	NUT (.250-20)	USE WITH 6 IN. RISER	3	
-	0027	75611A98	GASKET SET Engine Overhaul		1	

PART NOTES:

- [1] - COMPONENT OF ENGINE OVERHAUL GASKET SET 75611A98.
- [2] - Alternate part numbers:
- 806608A 1Service Part
- 806608Q01QS

STANDARD COOLING SYSTEM



35471

STANDARD COOLING SYSTEM

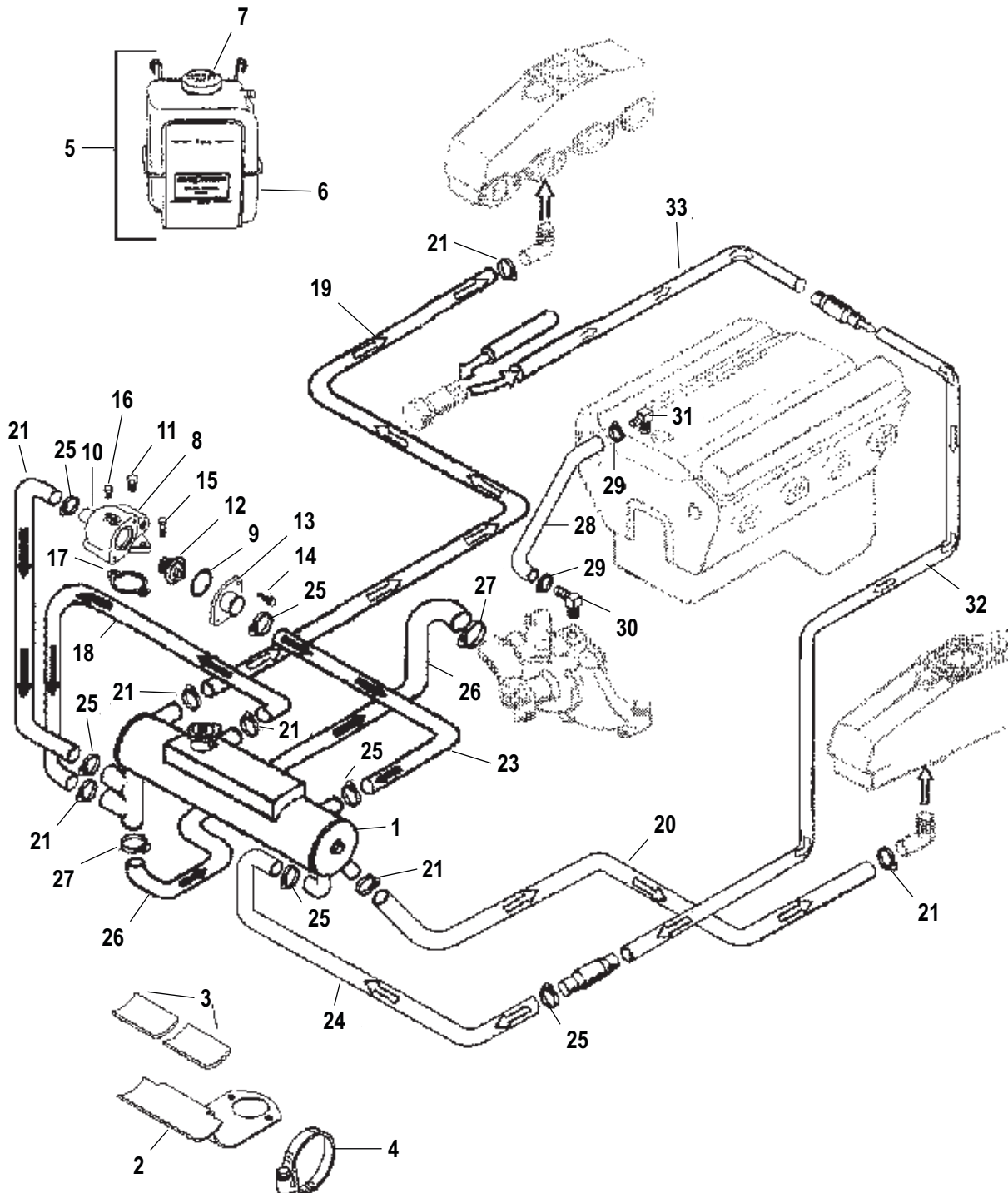
Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	860256A3	HOUSING ASSEMBLY Thermostat	(ALPHA)	1	
1	0000	860256A4	HOUSING ASSEMBLY Thermostat	(BRAVO)	1	
2	0022	32803	PLUG Pipe (.375-18) Brass		2	
3	0027	806871	GASKET		1	[1]
4	0027	530451	GASKET		1	[2]
5	0000	8072522	THERMOSTAT 71°C (160°F)		1	[3]
6	0023	806922	SLEEVE		1	
7	0010	98508	SCREW (.375-16 x 3.00)		2	
8	0032	808033	HOSE Molded		1	
9	0032	860089	HOSE Molded		1	
10	0032	807661	HOSE	ALPHA ENGINES	1	
11	0054	815504212	CLAMP Worm Gear	ALPHA ENGINES	1	
12	0054	815504222	CLAMP Worm Gear (1.98 Diameter)		5	
13	0032	87108	HOSE Molded		1	
14	0054	815504232	CLAMP Worm Gear (2.50 Diameter)		2	
15	0032	860144	HOSE Thermostat Housing To Port Exhaust Manifold		1	
16	0032	807697	HOSE Thermostat Housing to Starboard Manifold		1	
17	0054	815504220	CLAMP Worm Gear		4	
18	0054	47715	CLIP		1	
19	0011	29250	NUT (.312-24)		1	
20	0000	12552	LIFTING EYE		1	
21	0000	807292T	COOLER Power Steering Oil		1	
22	0000	805546A2	BRACKET Oil Cooler		1	
23	0000	772233	PAD		1	
24	0054	815504224	CLAMP Worm Gear		1	
25	0010	816585	SCREW (.312-18 x .875)		1	
26	0032	8080441	HOSE Molded	BRAVO ENGINES	1	
27	0032	1743579	HOSE (96.00 Inches Bulk)	BRAVO ENGINES	1	
28	0054	815504222	CLAMP Worm Gear (1.98 Diameter)	BRAVO ENGINES	2	
NS	0019	8079923	COVER Hose Clamp End		AR	[4]
-	0027	75611A98	GASKET SET Engine Overhaul		1	

PART NOTES:

- [1] - COMPONENT OF ENGINE OVERHAUL GASKET SET 75611A98.
- [2] - Alternate part numbers:
53045 1Service Part
53045Q01QS
COMPONENT OF ENGINE OVERHAUL GASKET SET 75611A98.
- [3] - Alternate part numbers:
807252 2Service Part
807252Q 5QS Kit
807252T 5MPP Kit
- [4] - AS REQUIRED

STANDARD COOLING SYSTEM

CLOSED COOLING SYSTEM



35485

RESOURCE NOTES:

COOLANT RECOVERY SYSTEM IS SOLD AS A COMPLETE KIT ONLY. THE COMPONENT PARTS CAN BE PURCHASED ~~LOCALLY.~~

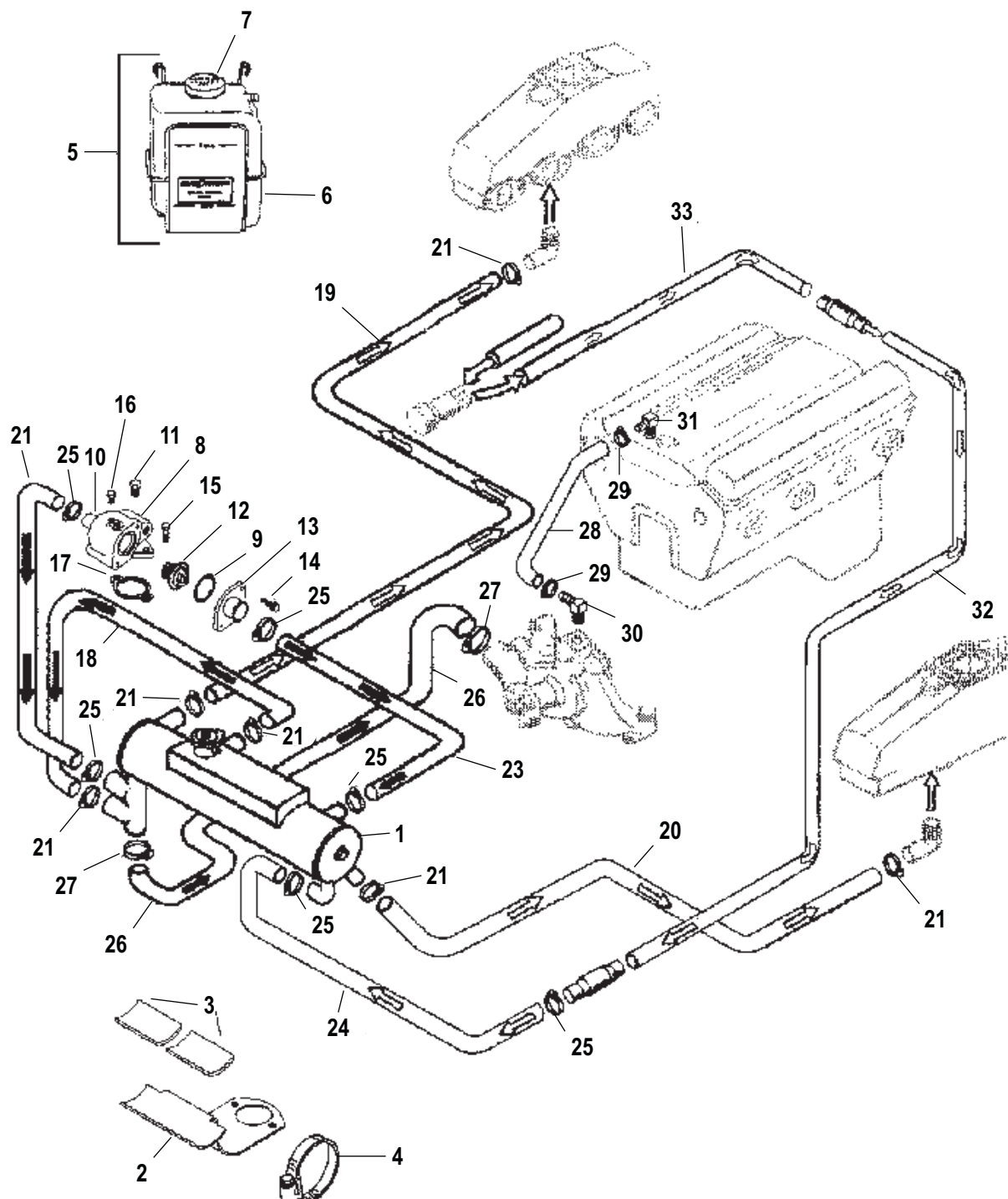
CLOSED COOLING SYSTEM

CLOSED COOLING SYSTEM

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	860234A1	HEAT EXCHANGER		1	
NS	0000	814875	COVER Heat Exchanger End		2	
NS	0027	814876	GASKET End Cover		2	
NS	0010	814877	BOLT		2	
NS	0025	814878	O-RING Special		2	
NS	0036	8148791	CAP		1	
2	0000	860326A1	BRACKET ASSEMBLY Heat Exchanger		1	
3	0000	18431	PAD		2	
4	0054	815504388	CLAMP Worm Gear		2	
5	0000	71587A10	RECOVERY KIT Coolant	(SEE NOTE)	1	
NS	0032	774572	HOSE (48.00 Inches Bulk)		1	
6	0000	71587A11	BOTTLE Plastic		1	
7	0000	72058	CAP		1	
8	0000	861188A1	HOUSING ASSEMBLY Thermostat		1	
9	0025	807134	SEAL		1	[1]
10	0023	52020	SLEEVE Hose		1	
11	0022	32803	PLUG Pipe (.375-18) Brass		1	
12	0000	991551	THERMOSTAT		1	[2]
13	0000	807075A1	COVER		1	
14	0010	29198	SCREW AND LOCKWASHER (.312-18 x .875)		2	
15	0010	58640	SCREW (.375-16 x 1.25)		2	
16	0022	328021	PLUG Pipe (.125-27)		1	
17	0027	530451	GASKET		2	[3]
18	0032	4285064	HOSE Transom Plate to Housing		1	
19	0032	861057	HOSE Heat Exchanger To Exhaust Manifold	(STARBOARD)	1	
20	0032	860421	HOSE Heat Exchanger To Exhaust Manifold	(PORT)	1	
21	0054	815504220	CLAMP Worm Gear		6	
22	0032	860331	HOSE Thermostat By-Pass		1	
23	0032	860419	HOSE Thermostat Housing To Heat Exchanger		1	
24	0032	860332	HOSE		1	
25	0054	815504222	CLAMP Worm Gear (1.98 Diameter)		6	
26	0032	861059	HOSE		1	
27	0054	815504232	CLAMP Worm Gear (2.50 Diameter)		2	
28	0032	860482	HOSE Water Pump To Intake Manifold		1	
29	0054	815504212	CLAMP Worm Gear		2	
30	0022	860346	FITTING Elbow (90 Degree) (.750)		1	
31	0022	808042	FITTING Elbow (90 Degrees) (.50 NPT x .75 Bars)		1	
32	0032	860089	HOSE Molded		1	
33	0032	8080441	HOSE Molded		1	
NS	0019	8079923	COVER Hose Clamp End		AR	[4]
-	0027	75611A98	GASKET SET Engine Overhaul		1	

CLOSED COOLING SYSTEM

CLOSED COOLING SYSTEM



35485

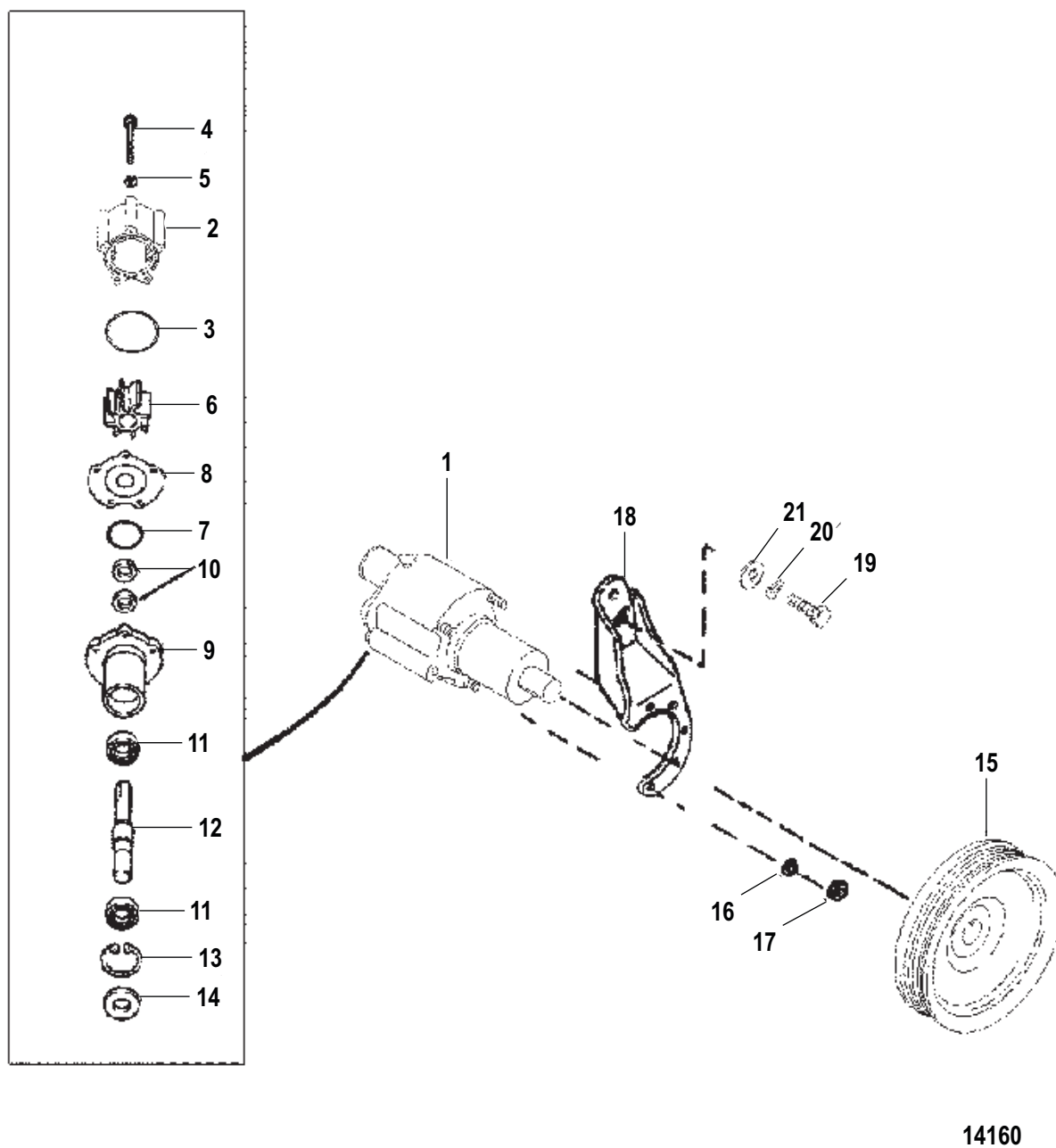
CLOSED COOLING SYSTEM

CLOSED COOLING SYSTEM

PART NOTES:

- [1] - COMPONENT OF ENGINE OVERHAUL GASKET SET 75611A98.
- [2] - Alternate part numbers:
 - 99155 1Service Part
 - 99155T 1Kit
- [3] - Alternate part numbers:
 - 53045 1Service Part
 - 53045Q01QS
 - COMPONENT OF ENGINE OVERHAUL GASKET SET 75611A98.
- [4] - AS REQUIRED

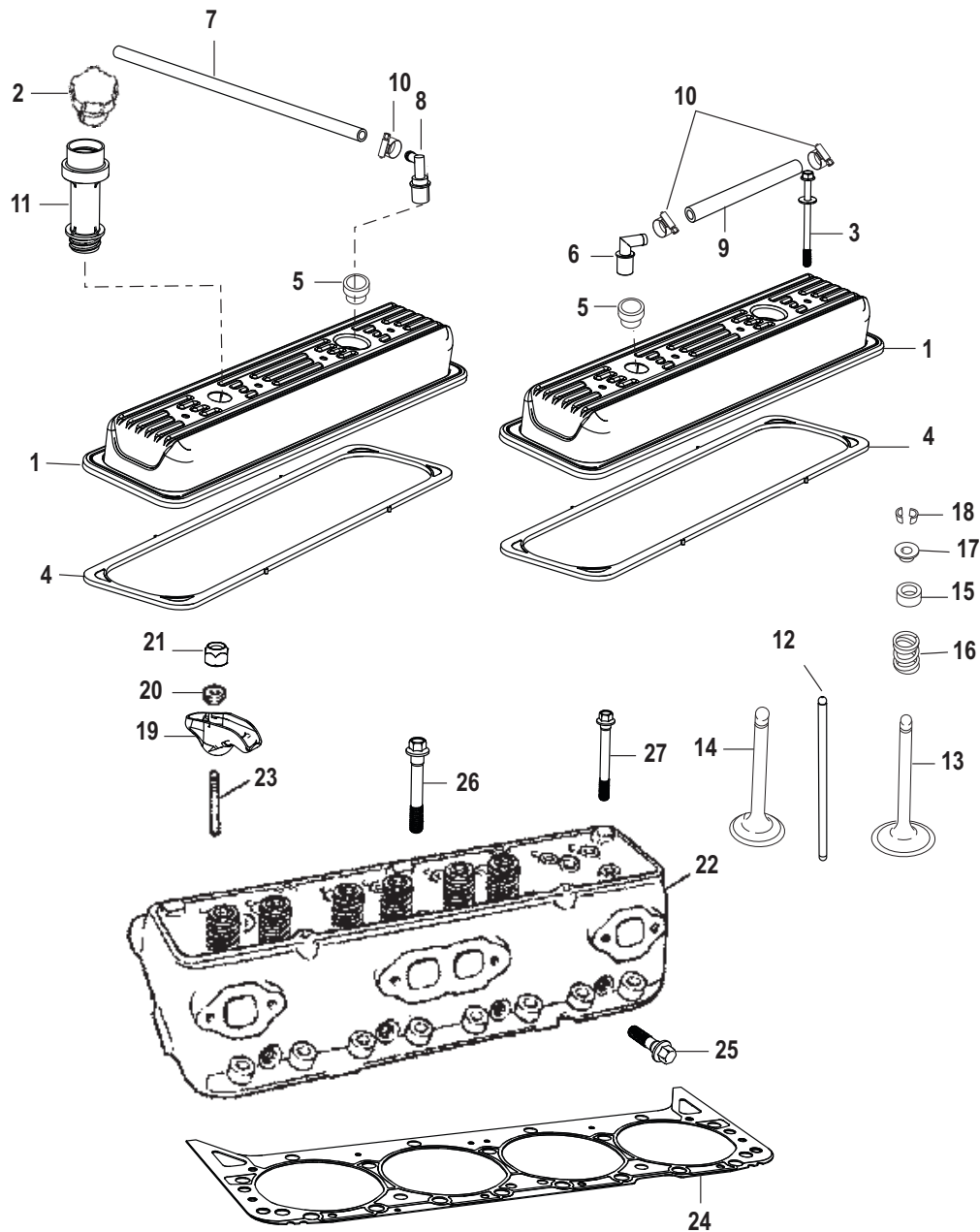
SEA WATER PUMP ASSEMBLY



SEA WATER PUMP ASSEMBLY

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0046	807151A9	PUMP ASSEMBLY Sea Water		1	
2	0046	807151A14	BODY/IMPELLER KIT		1	
3	0025	33465	O-RING		1	
4	0010	807356	SCREW (.312-18 x 2.680)		2	
4	0010	74191	SCREW (.312-18 x 3.250)		3	
5	0012	814806	WASHER (.344 x .688 x .065) Stainless Steel		5	
6	0047	593621	IMPELLER		1	
7	0025	94288	QUAD RING		1	
8	0000	94576	WEAR PLATE (INNER)		1	
9	0046	94913A5	HOUSING ASSEMBLY Pump		1	
10	0026	90562	SEAL (1.254 x .312)		2	
11	0030	72961	BEARING Ball		2	
12	0000	59501A1	SHAFT		1	
13	0053	23720	RING Retaining		1	
14	0026	72785	SEAL		1	
15	0000	807731	PULLEY		1	
16	0013	39107	LOCKWASHER (.312-24)		3	
17	0011	21908	NUT (.312-18) Cad Plated		3	
18	0000	8077491	BRACKET		1	
19	0010	34353	SCREW (.375-16 x 1.00)		2	
20	0013	35048	LOCKWASHER (.375)		2	
21	0012	34714	WASHER		1	

CYLINDER HEAD AND ROCKER COVER



35486

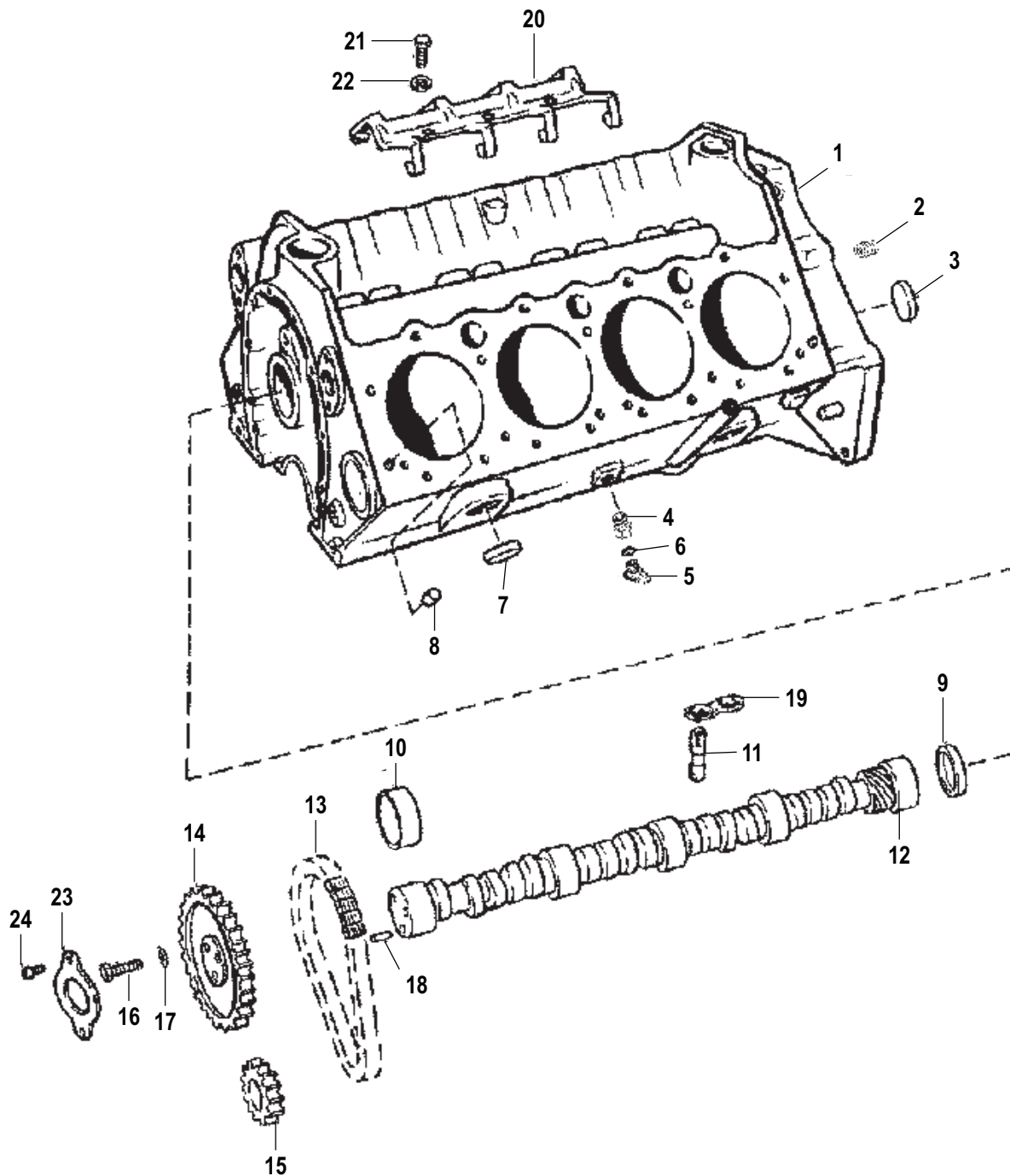
CYLINDER HEAD AND ROCKER COVER

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	809995	COVER Rocker (W/ OIL FILL HOLE)		1	
1	0000	809996	COVER Rocker (W/O OIL FILL HOLE)		1	
2	0036	187101	CAP Oil Fill		1	
3	0010	17344	SCREW		8	
4	0027	17467	GASKET Rocker Cover		2	[1]
5	0025	52188	GROMMET		2	
6	0000	97850	ELBOW 90 Degree Breather		1	
7	0032	80617435	HOSE		1	
8	0021	861476	VALVE PCV		1	
9	0032	1589418	HOSE Breather		1	
10	0054	815504105	CLAMP Worm Gear (11-18 mm)		2	
11	0000	807688T	TUBE Oil Fill		1	
12	0000	173391	PUSH ROD		16	
13	0000	8243171	VALVE Exhaust (STANDARD)		8	
13	0000	8243181	VALVE Exhaust (.030 O.S.)		AR	[2]
14	0000	809992	VALVE Intake (STANDARD)		8	
15	0026	976641	SEAL (INTAKE AND EXHAUST)		16	[1]
16	0024	483471	SPRING		16	
17	0000	483481	CAP		16	
18	0028	547971	KEY		32	
19	0000	35329	ARM KIT Rocker		16	
20	0000	35331	BALL Rocker Arm		16	
21	0011	34516	NUT		16	
22		97181	CYLINDER HEAD ASSEMBLY		2	
23	0016	34522	STUD (.003 O.S.)		AR	[2]
23	0016	34521	STUD (.013 O.S.)		AR	[2]
24	0027	75611	GASKET		2	[1]
25	0010	11968	SCREW (.437-14 x 1.750)		16	
26	0010	119671	SCREW (.437-14 x 3.00)		4	
27	0010	11966	SCREW (.437-14 x 3.750)		14	
28	0054	92850	CLAMP		1	
29	0023	91034	SPACER (.380 x 1.00 x .530)		1	
30	0010	37612	SCREW (.375-16 x 1.250)		1	
-	0027	75611A98	GASKET SET Engine Overhaul		1	

PART NOTES:

- [1] - COMPONENT OF ENGINE OVERHAUL GASKET SET 75611A98.
 [2] - AS REQUIRED

CYLINDER BLOCK AND CAMSHAFT



14162

CYLINDER BLOCK AND CAMSHAFT

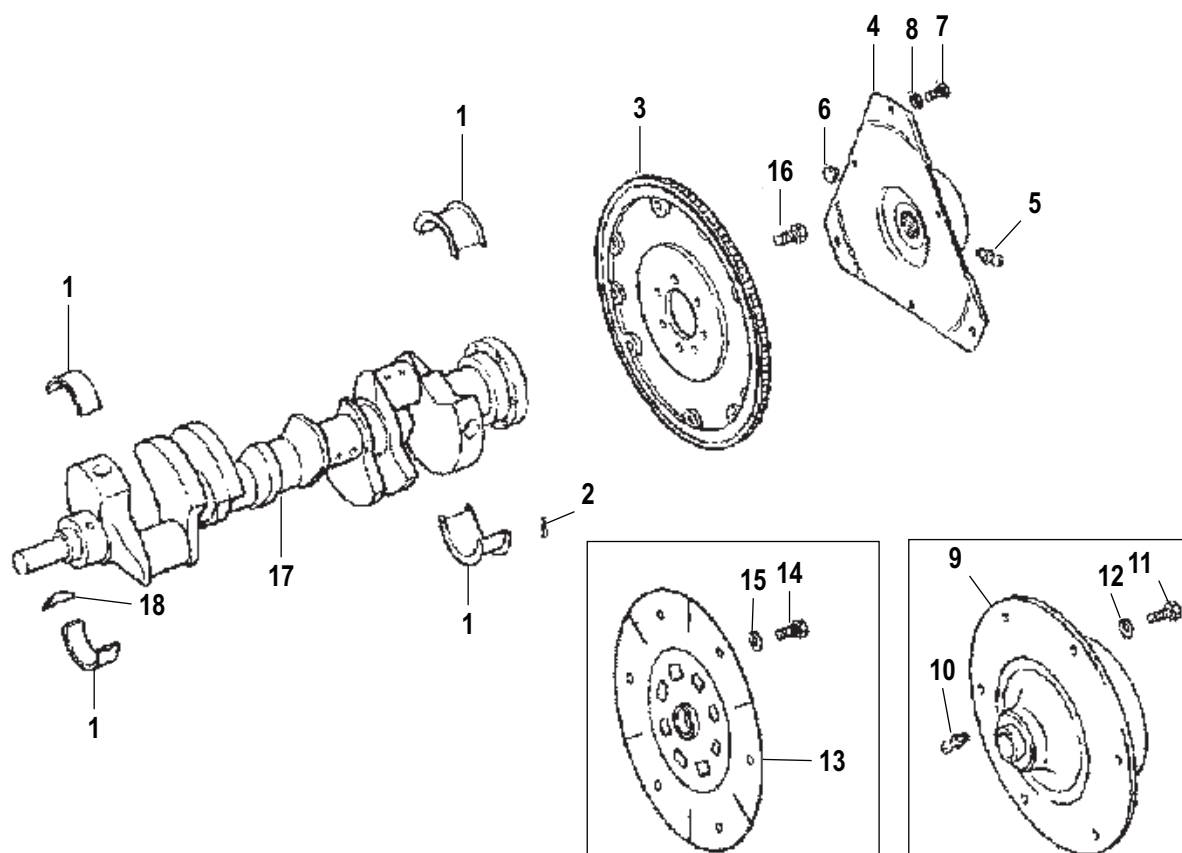
Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1		NSS	NOT SOLD SEPARATE CYLINDER BLOCK ASSEMBLY	(ORDER LONG BLOCK 807449A1)	1	[1]
2	0022	48340	PLUG (.250-18 x .41)		3	
3	0019	816565	PLUG Cup (.468)		5	
4	0022	860088	BUSHING		1	
5	0022	806608A1	PLUG KIT (.500-13) Royal Blue		2	[2]
6	0025	806609	QUAD RING		2	[3]
7	0019	34270	EXPANSION PLUG (1.625)		8	
8	0017	35465	PIN Dowel (.312)		4	
9	0022	72640	PLUG Expansion (REAR CAMSHAFT)		1	
10	0023	85674	BEARING SET		1	
11	0000	173401	LIFTER Roller		16	
12	0431	811658	CAMSHAFT		1	
13	0000	17161	CHAIN Timing		1	
14	0043	8116591	SPROCKET Camshaft		1	
15	0043	17160	SPROCKET Crankshaft		1	
16	0010	35339	SCREW (.312-18 x .750)		3	
17	0012	848136	WASHER (.328 x .680 x .190)		3	
18	0017	35312	PIN Dowel (1/4 In. Diameter)		1	
19	0000	17341	GUIDE Lifter		8	
20	0000	811662	RETAINER Lifter Guide		1	
21	0010	34500	SCREW (.312-18 x .625)		3	
22	0012	811664	WASHER (.3125 Inch)		3	
23	0000	811663	RETAINER		1	
24	0010	17343	SCREW (.250-20 x .500)		2	
-	0000	807449A1	MARINE LONG BLOCK ENGINE		1	[4]
-	0092	809825	RTV SILICONE (3 Ounce Tube) Metallic Blue (WHERE APPLICABLE)		1	
-	0092	342271	SEALING COMPOUND (16 Ounce) (WHERE APPLICABLE)		1	
-	0027	75611A98	GASKET SET Engine Overhaul		1	

PART NOTES:

- [1] - NOT SOLD SEPARATE
- [2] - Alternate part numbers:
806608A 1Service Part
806608Q01QS
- [3] - COMPONENT OF ENGINE OVERHAUL GASKET SET 75611A98.
- [4] - Alternate part numbers:
807449A 1QS
807449R01Reman Plat.
807449R 5Reman
807449R50Reman Int'l

CYLINDER BLOCK AND CAMSHAFT

CRANKSHAFT AND FLYWHEEL



35487

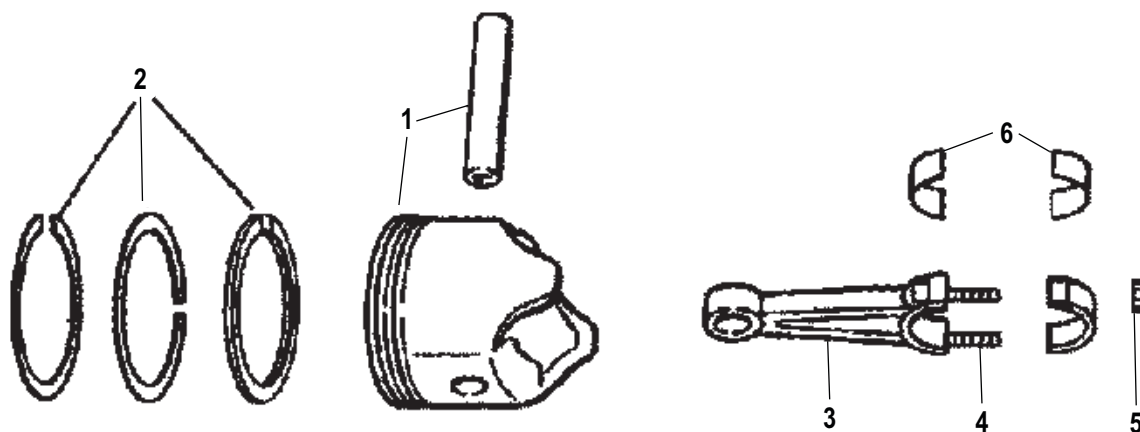
CRANKSHAFT AND FLYWHEEL

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0023	818465	BEARING SET 5 Pair (STANDARD)		1	
1	0023	818466	BEARING SET 5 Pair (.001 USA)		AR	[1]
1	0023	818467	BEARING SET 5 Pair (.010 USA)		AR	[1]
1	0023	818468	BEARING SET 5 Pair (.020 USA)		AR	[1]
2	0000	FI1100096	PIN Dowel (1/4 Diameter) (1/4 IN.)		2	
3	0222	9520	FLYWHEEL		1	
4	0000	18643A5	COUPLING ASSEMBLY	ALPHA ENGINES	1	
5	0022	74036	FITTING Grease	ALPHA ENGINES	1	
6	0000	18644	BUMPER Rubber	ALPHA ENGINES	3	
7	0010	14883	SCREW (.375-16 x 1.12)	ALPHA ENGINES	3	
8	0012	13510	WASHER	ALPHA ENGINES	3	
9	0000	18311A17	COUPLER ASSEMBLY Engine	BRAVO ENGINES	1	
10	0022	49099	FITTING	BRAVO ENGINES	2	
11	0010	14883	SCREW (.375-16 x 1.12)	BRAVO ENGINES	6	
12	0012	20572	WASHER (.390 x .750 x .093)	BRAVO ENGINES	6	
13	0000	860125T	DRIVEPLATE ASSEMBLY	BLACKTRAC ENGINES	1	
14	0010	35091	SCREW (.375-16 x 1.00)	BLACKTRAC ENGINES	6	
15	0013	35048	LOCKWASHER (.375)	BLACKTRAC ENGINES	6	
16	0010	49845	SCREW (.437-20 x 1.00)		6	
17	0429	95211	CRANKSHAFT		1	
18	0028	34466	KEY		2	

PART NOTES:

[1] - AS REQUIRED

PISTONS AND CONNECTING RODS



35488

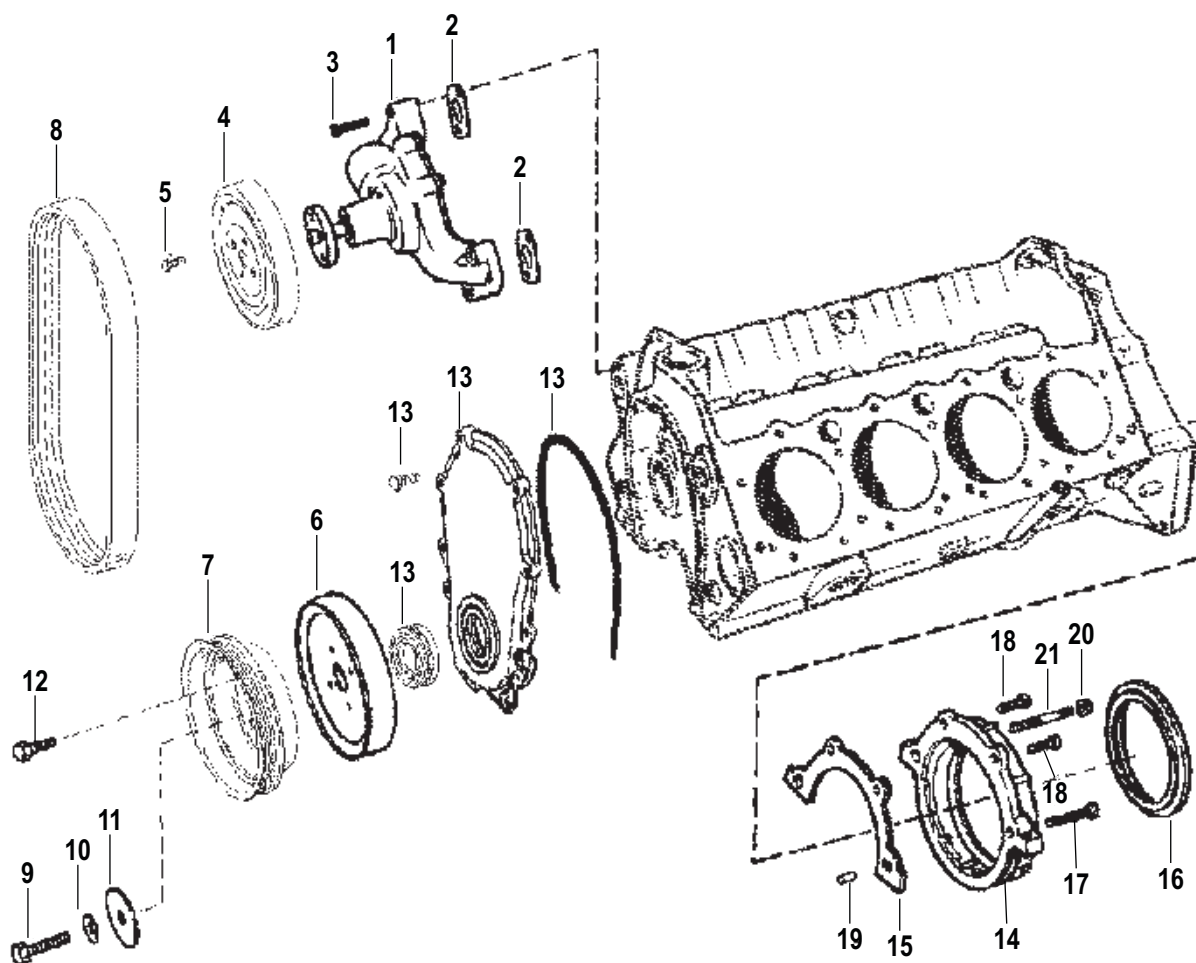
PISTONS AND CONNECTING RODS

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0735	835001	PISTON ASSEMBLY	(STANDARD)	8	
1	0735	835002	PISTON ASSEMBLY (.5MM O.S.)		AR	[1]
2	0039	8018611	RING SET	(STANDARD)	8	
2	0039	835000	RING SET Piston (.5MM O.S.)		AR	[1]
3	0614	8164	CONNECTING ROD		8	
4	0010	85802	SCREW (.375-24 x Special)		16	
5	0011	37493	NUT (.375-24)		16	
6	0023	85701	BEARING (PAIR - STANDARD)		8	
6	0023	85702	BEARING (PAIR - .001 USA)		AR	[1]
6	0023	85703	BEARING (PAIR - .002 USA)		AR	[1]
6	0023	85704	BEARING (PAIR - .010 USA)		AR	[1]
6	0023	85705	BEARING (PAIR - .020 USA)		AR	[1]

PART NOTES:

[1] - AS REQUIRED

WATER PUMP AND FRONT COVER



35489

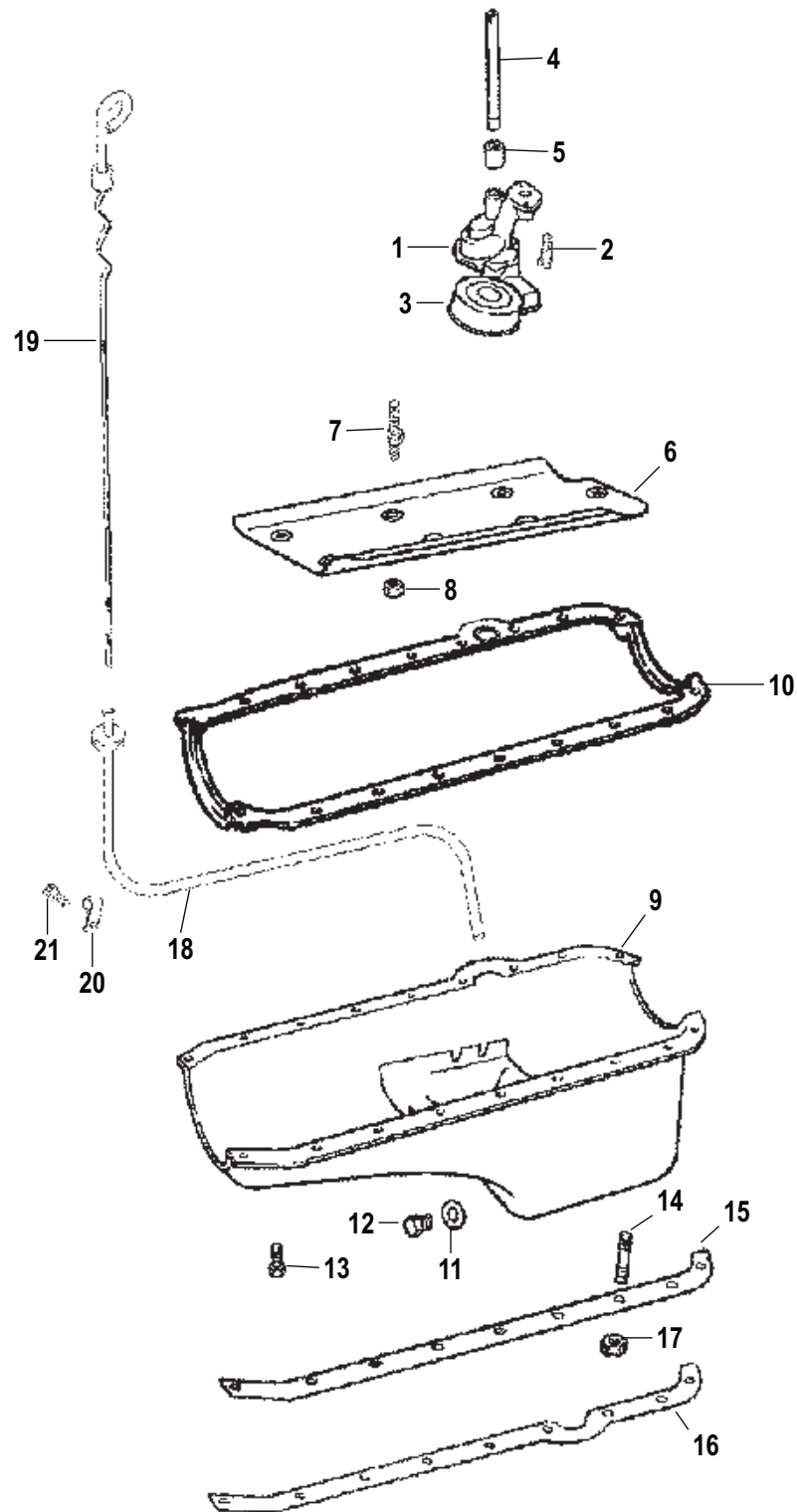
WATER PUMP AND FRONT COVER

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	850399	PUMP ASSEMBLY Water		1	
2	0027	34897	GASKET		2	[1]
3	0010	32132	SCREW (.375-16 x 1.750)		1	
3	0010	47688	SCREW (.375-16 x 2.750)		1	
3	0016	35342	STUD (.312-24/.375-16 x 2.5625)		2	
4	0000	807729T	PULLEY		1	
5	0010	47277	SCREW (.312-24 x .750)		4	
6	0000	852946	BALANCER Harmonic		1	
7	0000	807730T	PULLEY		1	
8	0057	8077552	BELT Serpentine	(STANDARD COOLING) (ALPHA ENGINES)	1	
8	0057	8077551	BELT Serpentine	(STANDARD COOLING) (BRAVO ENGINES)	1	
8	0057	8077553	BELT Serpentine	(CLOSED COOLING)	1	
9	0010	32515	SCREW (.437-20 x 2.50)		1	
10	0013	39131	LOCKWASHER (.437)		1	
11	0012	35332	WASHER		1	
12	0010	34352	SCREW (.375-24 x .875)		3	
13	0000	835005	COVER ASSEMBLY Timing	(SCREWS-GROMMETS- OIL SEAL AND GASKET ARE NOT SOLD SEPARATELY.)	1	
14	0000	852940	HOUSING ASSEMBLY With Studs Oil Seal (REAR)		1	
15	0027	14241	GASKET		1	[1]
16	0026	852941	SEAL Oil (REAR)		1	[1]
17	0010	14243	BOLT (.250-20 x 1.750)		1	
18	0010	14242	BOLT (.250-20 x .875)		2	
19	0017	14263	PIN Dowel		1	
20	0011	816730	NUT (.250-20)		1	
21	0016	14827	STUD (.250-20 x 2.180)		1	
-	0027	75611A98	GASKET SET Engine Overhaul		1	

PART NOTES:

[1] - COMPONENT OF ENGINE OVERHAUL GASKET SET 75611A98.

OIL PAN AND OIL PUMP



1721

OIL PAN AND OIL PUMP

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	8099071	PUMP ASSEMBLY Oil		1	
2	0010	17346	SCREW		1	
3	0000	809909	SCREEN Oil Pump Pick Up		1	
4	0000	36184	SHAFT		1	
5	0023	36183	RETAINER		1	
6	0000	986021	DEFLECTOR Oil		1	
7	0016	850090	STUD (.437-14/.375-16 x 3.360)		5	
8	0011	850091	NUT (.375-16)		5	
9	0000	809910	PAN Oil		1	
10	0027	138651	GASKET Oil Pan		1	[1]
11	0027	49955	GASKET Drain		1	[1]
12	0010	809911	SCREW Oil Drain (M12 x 1.75)		1	
13	0010	14070	SCREW (.250-20 x .625)		14	
14	0016	11989	STUD (.312-18 x 1.6718)		4	
15	0000	14257	REINFORCEMENT	(PORT)	1	
16	0000	14256	REINFORCEMENT	(STARBOARD)	1	
17	0011	11971	NUT (.312-18)		4	
18	0000	860143A2	TUBE		1	
19	0000	15297T	DIPSTICK		1	
20	0054	805625	CLIP Dipstick Tube		1	
21	0010	35366	SCREW		1	
-	0027	75611A98	GASKET SET Engine Overhaul		1	

PART NOTES:

[1] - COMPONENT OF ENGINE OVERHAUL GASKET SET 75611A98.

Cat.# 90-80948898
SHIFT BRACKET (ALPHA ENGINES)



Cat.# 90-80948898
SHIFT BRACKET (ALPHA ENGINES)

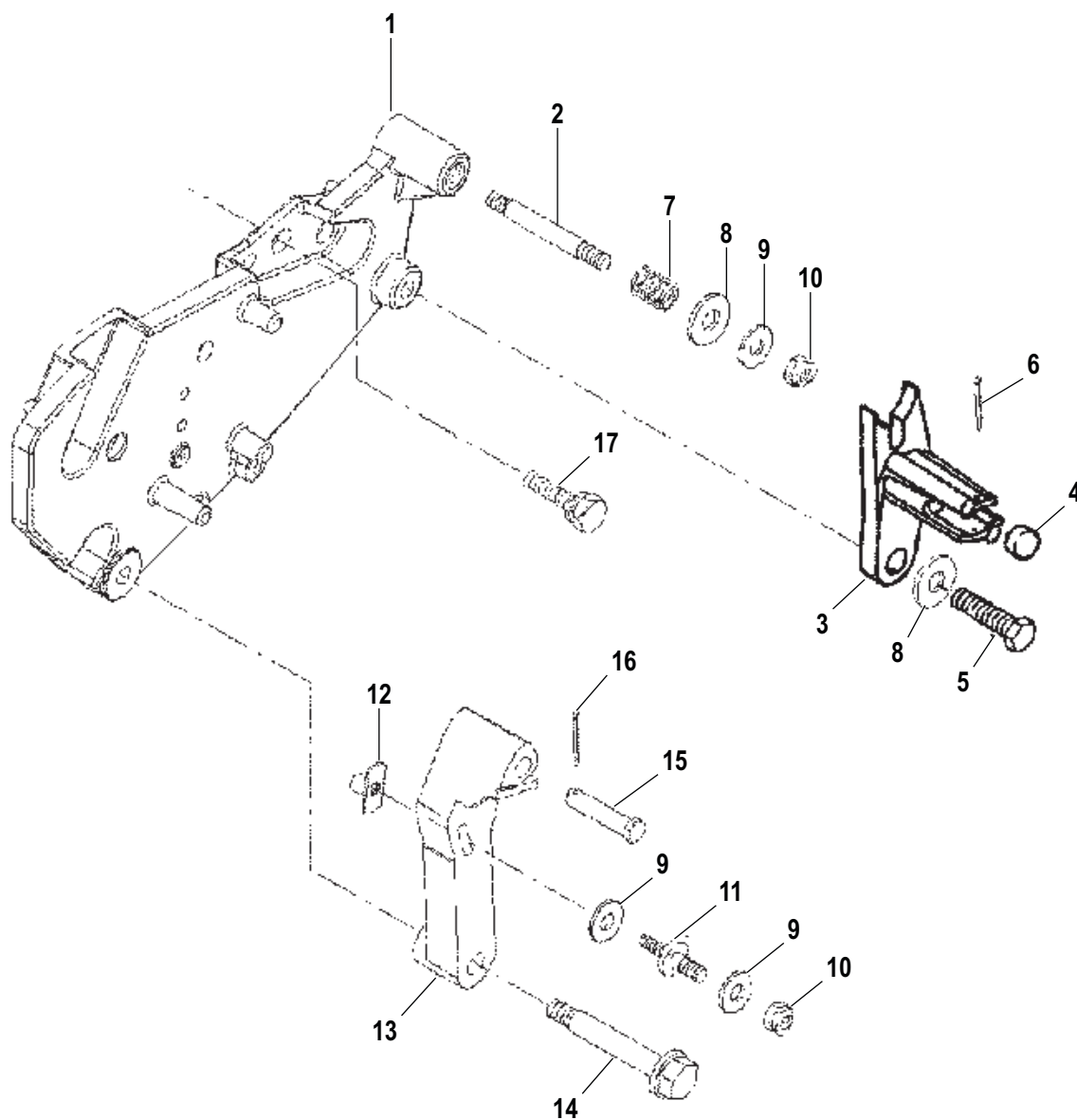
SHIFT BRACKET (ALPHA ENGINES)

SHIFT BRACKET (ALPHA ENGINES)

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	807962A3	BRACKET ASSEMBLY Shift		1	
2	0016	8140021	STUD (.250 x 2.870)		1	
3	0000	13051A8	LEVER ASSEMBLY Actuating		1	
4	0024	455991	SPRING		1	
5	0010	13743	SCREW (.312-18 x 1.843) Shoulder		1	
6	0018	32857	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		4	
10	0011	13438	NUT (.250-28)		2	
11	0016	96112	STUD (.250-28 x 2.00) Throttle Cable Anchor		1	
12	0011	63341	TEE NUT		1	
13	0000	13898A3	LEVER ASSEMBLY Shift		1	
14	0010	13743	SCREW (.312-18 x 1.843) Shoulder		1	
15	0017	814001	PIN Clevis		1	
16	0018	21071	COTTER PIN		1	
17	0087	808009A1	SWITCH ASSEMBLY		1	
18	0010	860077	SCREW (#6-32 x 1.00)		2	
19	0012	11303	WASHER		2	
20	0011	F1669	NUT (#6-32)		2	
21	0000	813995A1	GUIDE ASSEMBLY Spring		1	
22	0010	657461	SCREW AND LOCKWASHER (.250- 20 x .625)		3	

SHIFT BRACKET (ALPHA ENGINES)

SHIFT BRACKET (BRAVO ENGINES)



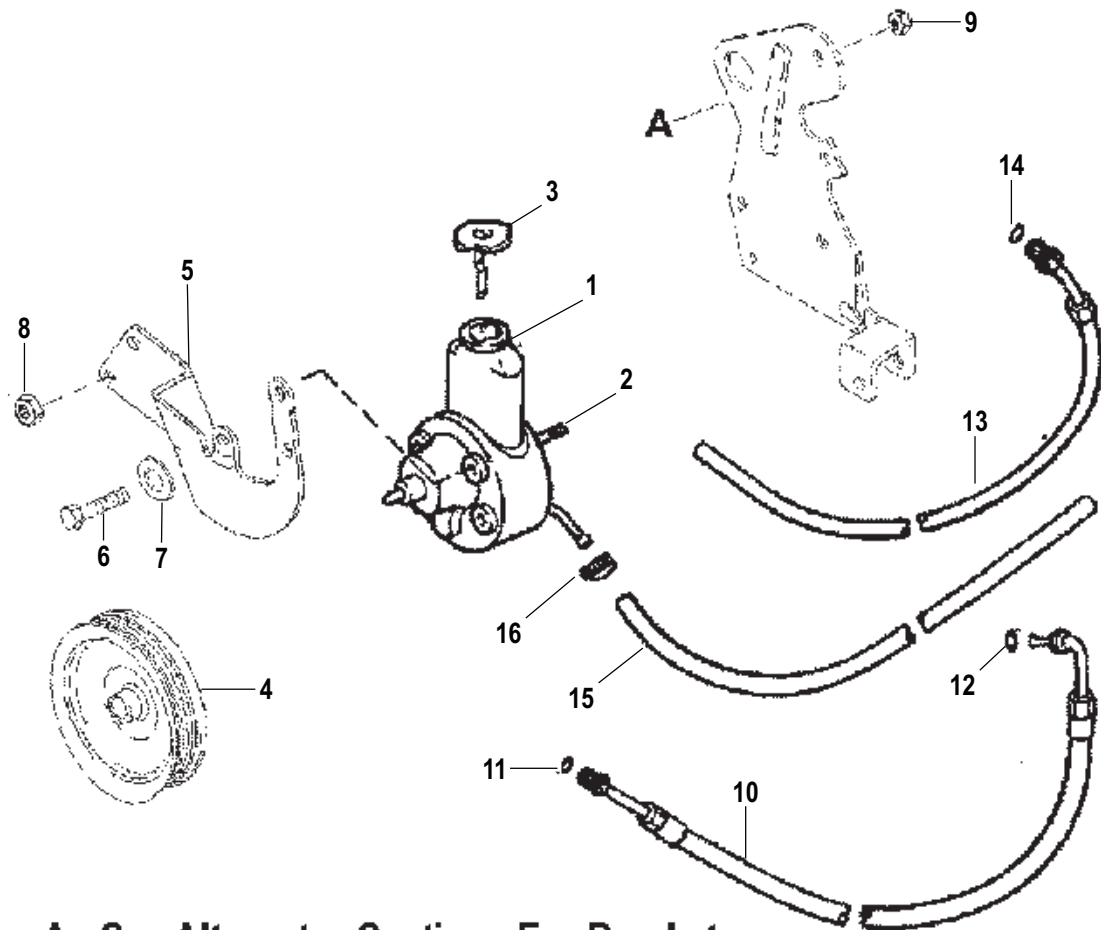
14167

SHIFT BRACKET (BRAVO ENGINES)

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	807962A3	BRACKET ASSEMBLY Shift		1	
2	0016	987981	STUD (.250-20/.250-28 x 2.120)		1	
3	0000	123811	RETAINER		1	
4	0023	98828	SPACER		1	
5	0010	53167	SCREW (.312-18 x .880)		1	
6	0018	32857	COTTER PIN		1	
7	0024	98880	SPRING		1	
8	0012	56720	WASHER (.330 x .750 x .060) Stainless Steel		2	
9	0012	35462	WASHER (.2656 x .625 x .0625) Stainless Steel		4	
10	0011	13438	NUT (.250-28)		2	
11	0016	96112	STUD (.250-28 x 2.00) Throttle Cable Anchor		1	
12	0011	63341	TEE NUT		1	
13	0000	138981	LEVER		1	
14	0010	13743	SCREW (.312-18 x 1.843) Shoulder		1	
15	0017	68402	PIN (.250 x 1.13)		1	
16	0018	21071	COTTER PIN		1	
17	0010	657461	SCREW AND LOCKWASHER (.250-20 x .625)		3	

SHIFT BRACKET (BRAVO ENGINES)

POWER STEERING COMPONENTS



A= See Alternator Sections For Bracket

14168

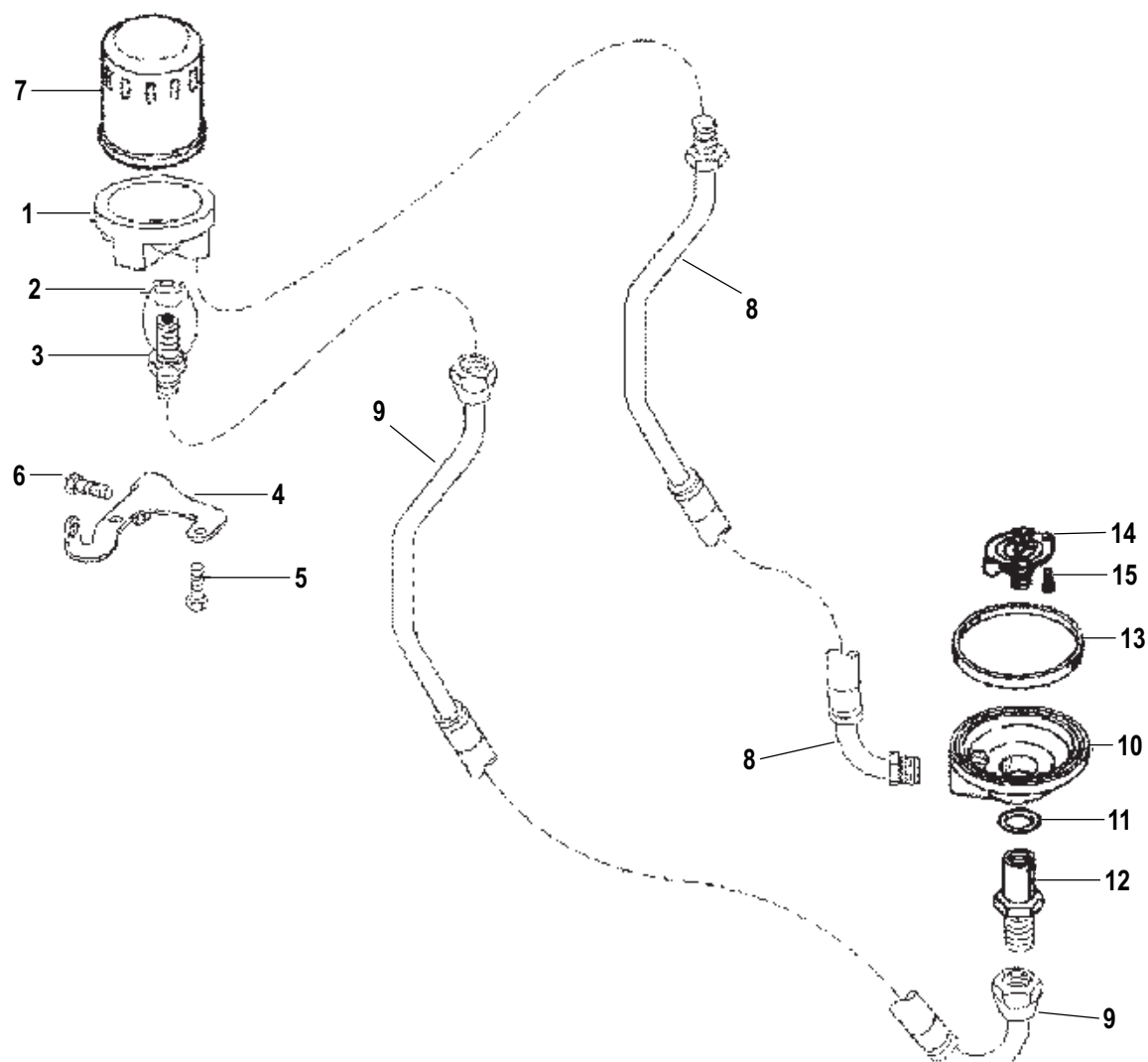
POWER STEERING COMPONENTS

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	16792A33	PUMP ASSEMBLY Power Steering		1	
2	0016	41877	STUD (M10)		2	
3	0036	95805	CAP		1	
4	0000	807728T	PULLEY		1	
5	0000	807751T	BRACE		1	
6	0010	40001188	SCREW (M10 x 20)		3	
7	0012	34714	WASHER		3	
8	0011	32219	NUT (.375-16)		3	
9	0011	90517	NUT (M10)		1	
10	0032	80622216	HOSE	(FITTINGS ON BOTH ENDS)	1	
11	0025	89879	O-RING (.301 x .064)		1	
12	0025	806232	O-RING (.239 x .064)		1	
13	0032	80622142	HOSE ASSEMBLY (84.00 Inches Bulk) Return	(FITTING ON ONE END)	1	
14	0025	89879	O-RING (.301 x .064)		1	
15	0032	5251914	HOSE (53.00 Inches Bulk) Pump to Oil Cooler		1	
16	0054	815504105	CLAMP Worm Gear (11-18 mm)		3	
NS	0019	8079921	COVER Hose Clamp End		AR	[1]

PART NOTES:

[1] - AS REQUIRED

REMOTE OIL FILTER



14169

REMOTE OIL FILTER

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	806329T	ADAPTER Oil Filter		1	
2	0026	42077	SEAL		1	[1]
3	0022	806328	FITTING		1	
4	0000	807459T	BRACKET		1	
5	0010	98257	SCREW (.312-18 x .500)		2	
6	0010	98261	SCREW (.375-16 x .750)		1	
7	0000	14957	FILTER Oil		1	[2]
8	0032	860207A1	HOSE ASSEMBLY Oil		1	
9	0032	860208	HOSE ASSEMBLY Oil		1	
10	0035	860451T	ADAPTER		1	
11	0026	42077	SEAL		1	[1]
12	0022	806121	FITTING		1	
13	0027	91892	GASKET		1	[1]
14	0000	53338	VALVE ASSEMBLY Filter		1	
15	0010	54786	SCREW (.312-18 x 1.250)		2	
-	0027	75611A98	GASKET SET Engine Overhaul		1	

PART NOTES:

[1] - COMPONENT OF ENGINE OVERHAUL GASKET SET 75611A98.

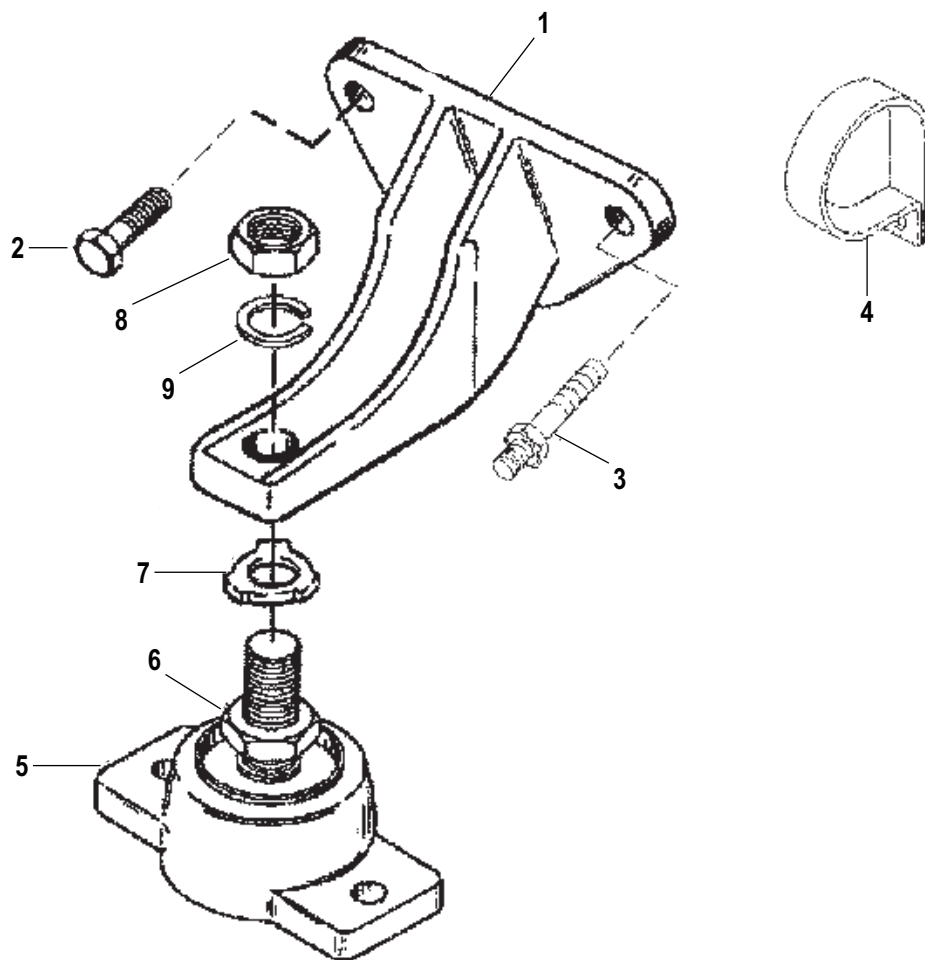
[2] - Alternate part numbers:

14957Service Part

802885QQS

802885TMPP

ENGINE MOUNTING

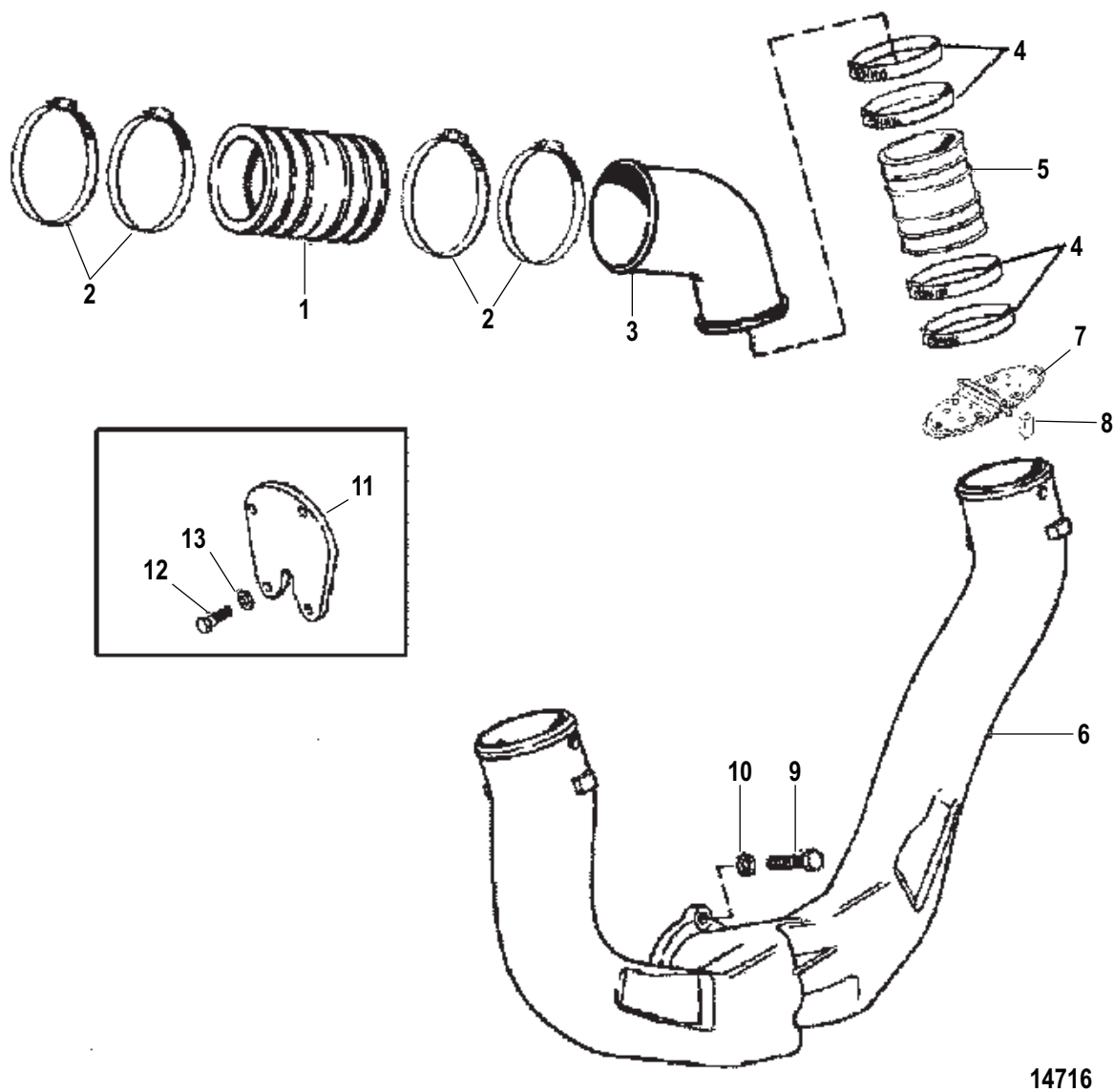


35490

ENGINE MOUNTING

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	79550A1	BRACKET		2	
2	0010	68101	SCREW (.375-16 x 1.375)		2	
3	0016	805357	STUD (.375-16 x 2.130)		4	
4	0054	816398	CLIP		1	
5	0000	66284A2	BASE ASSEMBLY		2	
6	0011	20739	NUT (.750-16)		2	
7	0014	12657	TAB WASHER		2	
8	0011	20739	NUT (.750-16)		2	
9	0013	68102	LOCKWASHER (.750)		2	

EXHAUST SYSTEM



14716

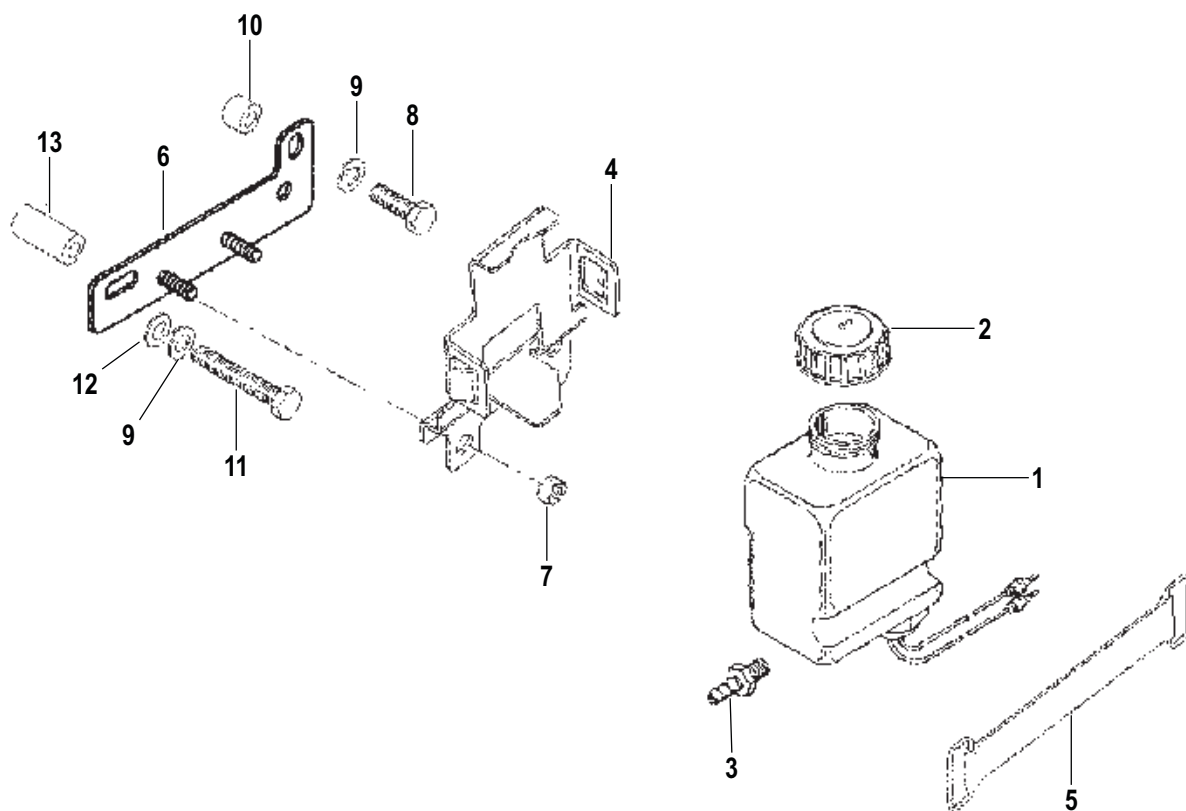
EXHAUST SYSTEM

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0032	44348T	TUBE Exhaust	(STANDARD)	2	
1	0032	4865910	TUBE Exhaust (16.25 Inches)	(BLACKTRAC)	2	
2	0054	815504272	CLAMP Worm Gear		8	
3	0000	11086T	ELBOW (PORT)	STANDARD	1	
3	0000	14343T	ELBOW (STARBOARD)	STANDARD	1	
3	0000	14801A1	ELBOW KIT (USE WITH 3 IN. & 6 IN. RISERS KITS)		1	
4	0054	815504272	CLAMP Worm Gear		8	
5	0032	14358T	TUBE		2	
6	0000	807130A4	PIPE		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	
NS	0019	8079923	COVER Hose Clamp End		AR	[1]
11	0000	97350T1	PLATE	THRU TRANSOM	1	
12	0010	98794	SCREW (.375-16 x 1.00)	THRU TRANSOM	4	
13	0013	41471	LOCKWASHER (.375)	THRU TRANSOM	4	

PART NOTES:

[1] - AS REQUIRED

OIL RESERVOIR BOTTLE AND BRACKET

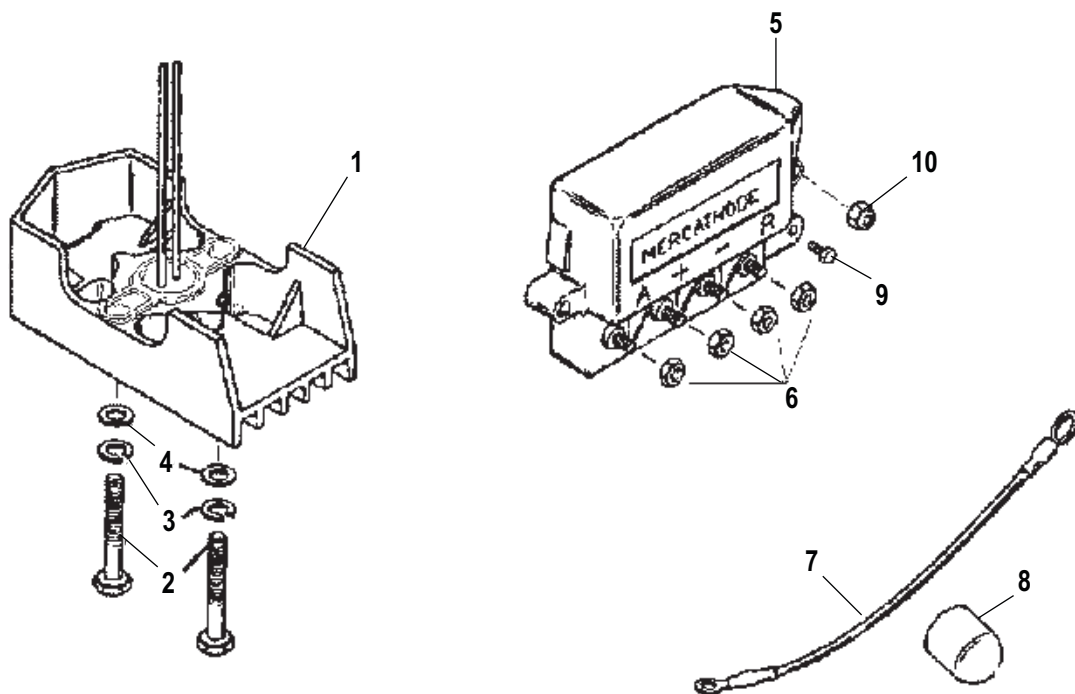


12814

OIL RESERVOIR BOTTLE AND BRACKET

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	806193A13	RESERVOIR		1	
2	0036	808625	CAP Drive Lube Monitor Oil Bottle		1	
3	0022	808624	CONNECTOR		1	
4	0000	860065A1	BRACKET KIT Oil Bottle		1	
5	0000	808023T	STRAP Bracket		1	
6	0000	805367T	BRACKET		1	
7	0011	29250	NUT (.312-24)		2	
8	0010	37612	SCREW (.375-16 x 1.250)	STANDARD	1	
9	0013	35048	LOCKWASHER (.375)	STANDARD	2	
10	0023	91034	SPACER (.380 x 1.00 x .530)	STANDARD	1	
11	0010	26486	SCREW (.375-16 x 2.375)	STANDARD	1	
12	0012	20553	WASHER (.406 x .734 x .063)	STANDARD	1	
13	0023	15895	SPACER (.38 x 1.00 x 1.44)	STANDARD	1	
8	0010	34353	SCREW (.375-16 x 1.00)	CLOSED COOLING	1	
9	0013	35048	LOCKWASHER (.375)	CLOSED COOLING	2	
10	0023	905201	SPACER (.750 x .250) (1/4 IN. LONG)	CLOSED COOLING	1	
11	0010	358701	SCREW (.375-16 x 2.00)	CLOSED COOLING	1	
12	0012	20553	WASHER (.406 x .734 x .063)	CLOSED COOLING	1	
13	0023	861360	SPACER (1.1875)	CLOSED COOLING	1	

MERCATHODE COMPONENTS

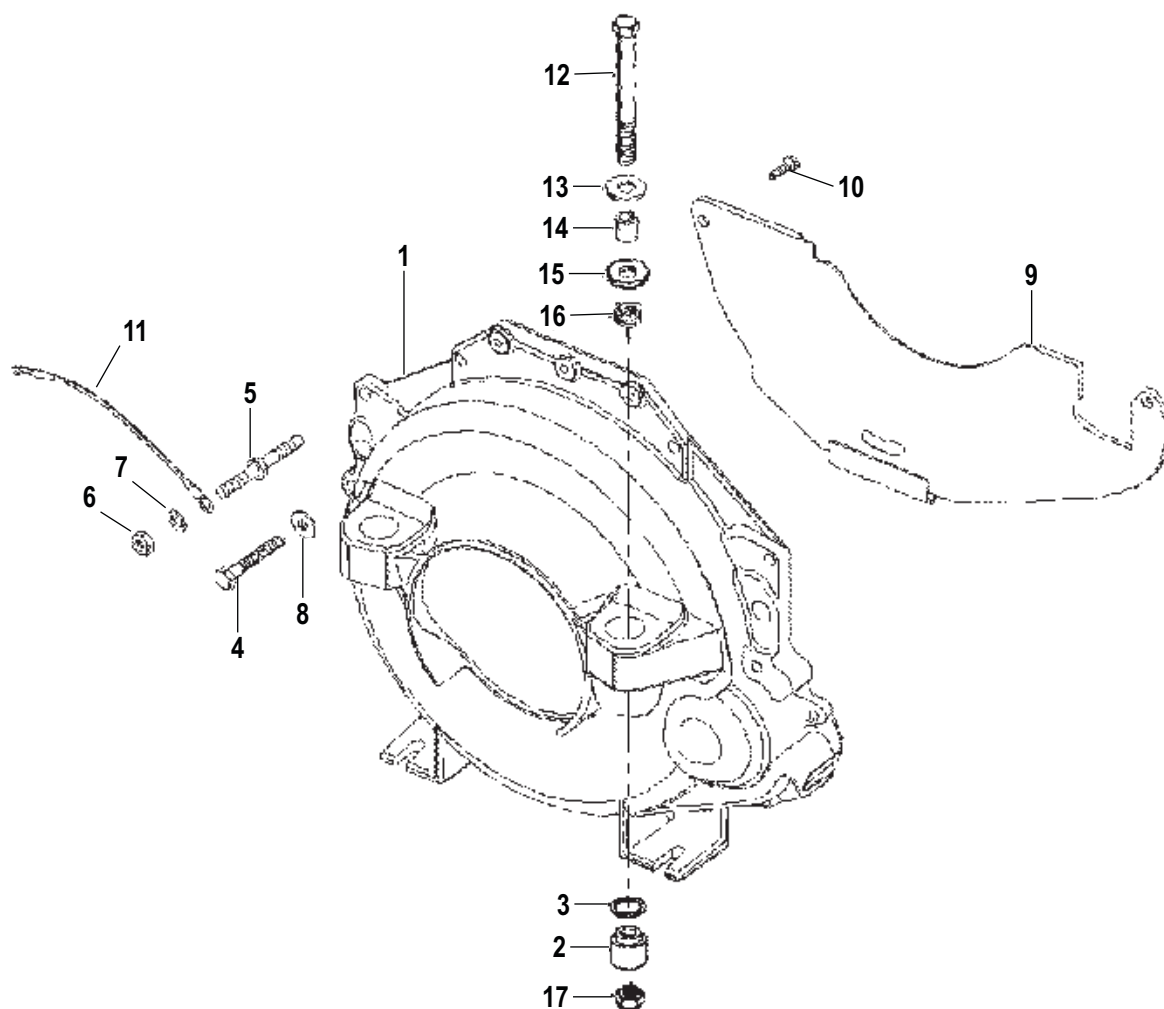


12815

MERCATHODE COMPONENTS

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	98869A11	ELECTRODE ASSEMBLY		1	
2	0010	69067	SCREW (.250-20 x 1.375)		2	
3	0013	26992	LOCKWASHER (.250) Stainless Steel		2	
4	0012	29245	WASHER (.281 x .500 x .060) Stainless Steel		2	
5	0000	42600A3	CONTROLLER ASSEMBLY		1	
6	0011	68219	NUT (#10-32) Stainless Steel		4	
7	0084	88543A3	CABLE ASSEMBLY		1	
8	0000	44574	CAP		2	
9	0010	62568	SCREW (#10-16 x .375)		1	
10	0011	805562	NUT (#10-24)		2	

FLYWHEEL HOUSING (WITHOUT BLACKTRAC)



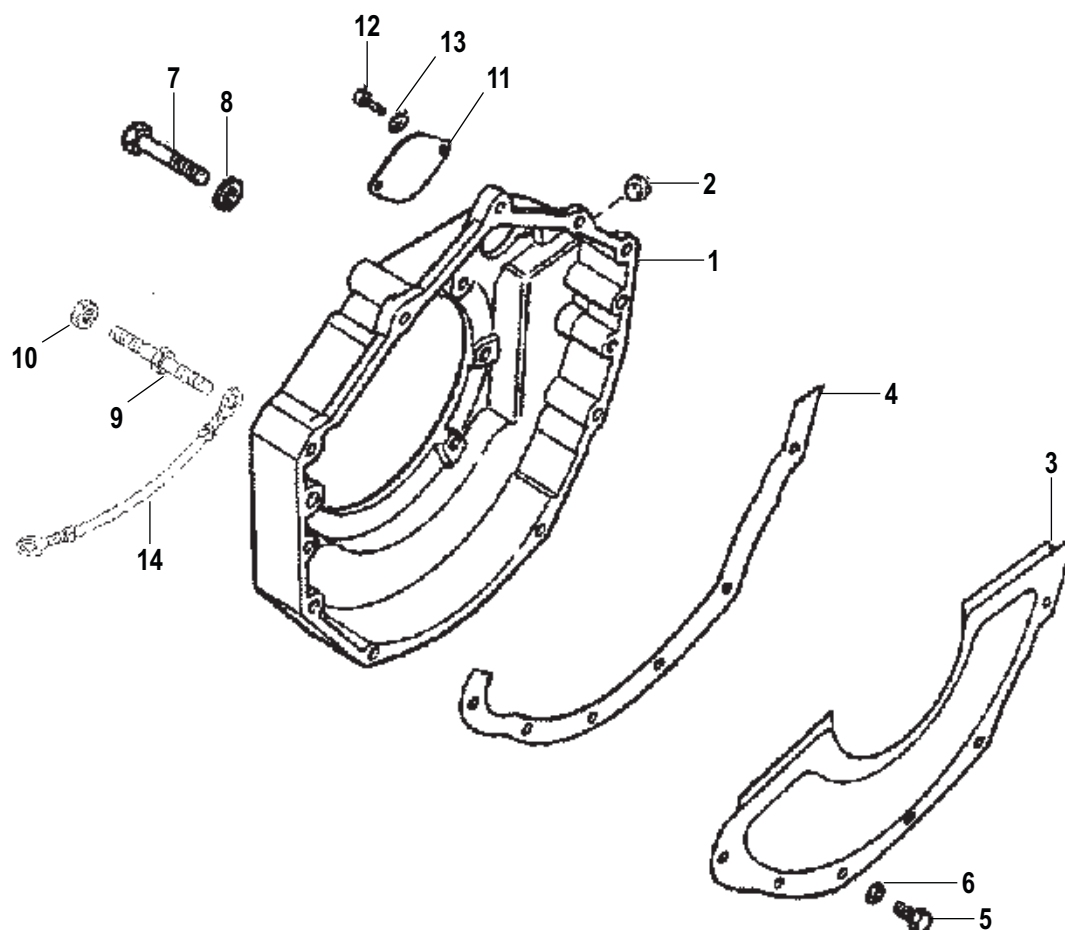
12816

FLYWHEEL HOUSING (WITHOUT BLACKTRAC)

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	12675A5	HOUSING ASSEMBLY Flywheel		1	
2	0000	99297A1	MOUNT ASSEMBLY Rubber		2	
3	0023	99322	SPACER		2	
4	0010	37612	SCREW (.375-16 x 1.250) (3/8-16 X 1-1/4 IN.)		3	
4	0010	32132	SCREW (.375-16 x 1.750) (3/8-16 X 1-3/4 IN.)		1	
5	0016	64066	STUD (.375-16 x 2.750) Special		2	
6	0011	32219	NUT (.375-16) (3/8-16)		2	
7	0013	35048	LOCKWASHER (.375) (3/8 IN.)		2	
8	0012	20572	WASHER (.390 x .750 x .093)		1	
9	0000	807260A2	COVER KIT Flywheel		1	
10	0010	76596	SCREW (.250-20 x 1.250) (1/4-20 X 1-1/4 IN.)		2	
11	0084	62826A6	CABLE ASSEMBLY Ground (13.00 Inches) Black		1	
12	0010	97934	SCREW (.500-20 x 5.370) Special (1/2-20 X 5-1/4 IN.)		2	
13	0012	35777	WASHER (.5156 x 1.375 x .125) Aluminum		2	
14	0023	99299	SPACER (.520 x .870 x .630)		2	
15	0012	32834	WASHER (.9375 x 1.750 x .172)		2	
16	0013	33734	LOCKWASHER (.500) (1/2 IN.)		2	
17	0011	99298	NUT (.500-20) (1/2-20)		2	

FLYWHEEL HOUSING (WITHOUT BLACKTRAC)

FLYWHEEL HOUSING (WITH BLACKTRAC)

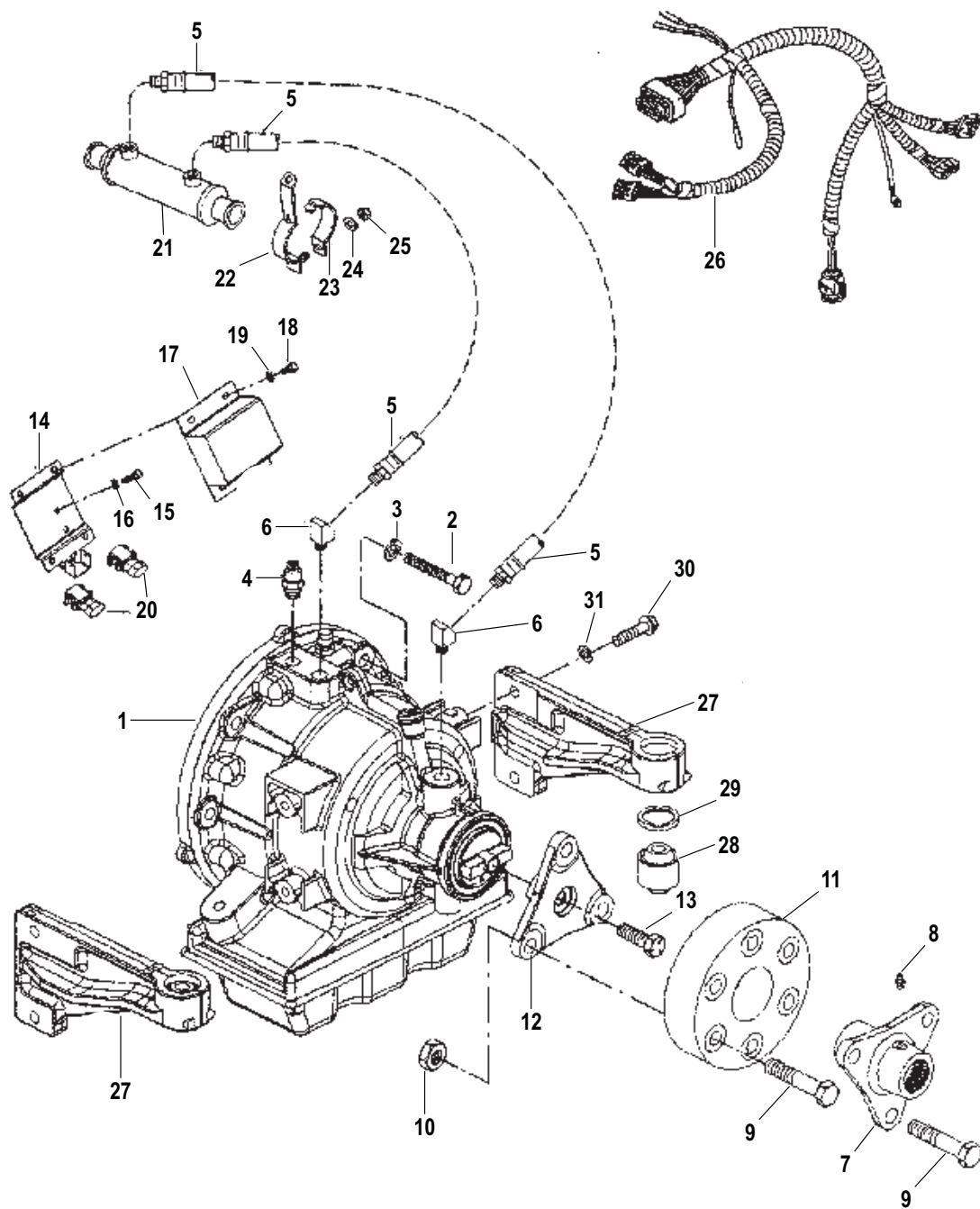


35492

FLYWHEEL HOUSING (WITH BLACKTRAC)

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	814309A1	HOUSING ASSEMBLY		1	
2	0019	12304	PLUG		1	
3	0000	818718A3	COVER KIT		1	
4	0027	86015	GASKET		1	
5	0010	98253	SCREW (.250-20 x .500)		6	
6	0013	26992	LOCKWASHER (.250) Stainless Steel		6	
7	0010	34353	SCREW (.375-16 x 1.00)		2	
7	0010	37612	SCREW (.375-16 x 1.250)		1	
7	0010	47688	SCREW (.375-16 x 2.750)		2	
8	0013	35048	LOCKWASHER (.375)		2	
9	0016	805357	STUD (.375-16 x 2.130)		2	
10	0011	32219	NUT (.375-16)		2	
11	0000	939201	PLATE		1	
12	0010	92913	SCREW (.437-14 x .750)		2	
13	0013	32993	LOCKWASHER (.437)		2	
14	0084	62826A10	CABLE ASSEMBLY Ground (21.00 Inches) Black		1	

BLACKTRAC TRANSMISSION



35493

BLACKTRAC TRANSMISSION

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	3600	808065A5	TRANSMISSION		1	
2	0010	60179	SCREW (.437-14 x 3.500)		1	
2	0010	37269	SCREW (.437-14 x 2.00)		5	
3	0013	32993	LOCKWASHER (.437)		6	
4	0087	88031	SWITCH ASSEMBLY		1	
5	0032	475166	HOSE ASSEMBLY (30.00 Inches)		2	
6	0022	63835	ELBOW 45 Degree		2	
7	0000	860292A2	FLANGE ASSEMBLY Input		1	
8	0022	74036	FITTING Grease		1	
9	0010	860290	SCREW (M14 X 70)		6	
10	0011	860006	NUT (M14)		6	
11	0000	860293	COUPLER		1	
12	0000	860291A1	FLANGE ASSEMBLY Output		1	
13	0010	861021	SCREW		1	
14	0000	861018T	BRACKET ASSEMBLY TCM		1	
15	0010	54615	SCREW (.250-20 x .625)		2	
16	0013	26992	LOCKWASHER (.250) Stainless Steel		2	
17	0000	860443	MODULE Transmission Control		1	
18	0010	98253	SCREW (.250-20 x .500)		4	
19	0013	26992	LOCKWASHER (.250) Stainless Steel		4	
20	0000	861249	SENSOR MAP		2	
21	0000	861019T	COOLER Transmission Oil		1	
22	0000	807402T1	BRACKET Transmission Cooler		1	
23	0000	807445T	CLAMP		1	
24	0012	35462	WASHER (.2656 x .625 x .0625) Stainless Steel		1	
25	0011	72008	NUT (.250-20)		1	
26	0084	861472A3	HARNESS ASSEMBLY Transmission		1	
27	0000	860294A3	BRACKET ASSEMBLY Transmission Support		2	
28	0000	88791	MOUNT		2	
29	0023	99322	SPACER		2	
30	0010	47462	SCREW (.437-14 x 1.250)		4	
31	0013	32993	LOCKWASHER (.437)		4	
-	0067	808877	SWITCH Rocker (LOCK HIGH)		1	
-	0084	861521A2	HARNESS ASSEMBLY (30 FT.)		1	

PARTS INDEX

Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
11086T	ELBOW (PORT)	60	3	11178	BREAKER Circuit - 50 Ampere	14	13
11303	WASHER	50	19	11375	STUD (.375 x 9.56)	28	19
11966	SCREW (.437-14 x 3.750)	38	27	119671	SCREW (.437-14 x 3.00)	38	26
11968	SCREW (.437-14 x 1.750)	38	25	11971	NUT (.312-18)	48	17
11989	STUD (.312-18 x 1.6718)	48	14	12244	SCREW (.375-16 x 1.00)	28	20
12304	PLUG	68	2	123811	RETAINER	52	3
12552	LIFTING EYE	30	20	12657	TAB WASHER	58	7
12675A5	HOUSING ASSEMBLY Flywheel	66	1	13051A8	LEVER ASSEMBLY Actuating	50	3
13438	NUT (.250-28)	50	10	13438	NUT (.250-28)	52	10
13510	WASHER	42	8	13743	SCREW (.312-18 x 1.843) Shoulder	50	5
13743	SCREW (.312-18 x 1.843) Shoulder	50	14	13743	SCREW (.312-18 x 1.843) Shoulder	52	14
138651	GASKET Oil Pan	48	10	138981	LEVER	52	13
13898A3	LEVER ASSEMBLY Shift	50	13	14070	SCREW (.250-20 x .625)	48	13
14241	GASKET	46	15	14242	BOLT (.250-20 x .875)	46	18
14243	BOLT (.250-20 x 1.750)	46	17	14256	REINFORCEMENT	48	16
14257	REINFORCEMENT	48	15	14263	PIN Dowel	46	19
14315	SCREW (.375-16 x 4.25)	28	20	14343T	ELBOW (STARBOARD)	60	3
14358T	TUBE	60	5	14801A1	ELBOW KIT (USE WITH 3 IN. & 6 IN. RISERS KITS)	60	3
14827	STUD (.250-20 x 2.180)	46	21	14883	SCREW (.375-16 x 1.12)	42	7
14883	SCREW (.375-16 x 1.12)	42	11	14957	FILTER OIL	56	7
15001	SCREW (#8-16 x .875)	16	2	15297T	DIPSTICK	48	19
1589418	HOSE Breather	38	9	15895	SPACER (.38 x 1.00 x 1.44)	62	13
16792A33	PUMP ASSEMBLY Power Steering	54	1	17160	SPROCKET Crankshaft	40	15
17161	CHAIN Timing	40	13	173391	PUSH ROD	38	12
173401	LIFTER Roller	40	11	17341	GUIDE Lifter	40	19
17343	SCREW (.250-20 x .500)	40	24	17344	SCREW	38	3
17346	SCREW	48	2	1743579	HOSE (96.00 Inches Bulk)	30	27
17467	GASKET Rocker Cover	38	4	18311A17	COUPLER ASSEMBLY Engine	42	9
18431	PAD	32	3	18484A3	COVER	24	1
18643A5	COUPLING ASSEMBLY	42	4	18644	BUMPER Rubber	42	6
187101	CAP Oil Fill	38	2	20361	NUT (.250-28)	24	18
20533	WASHER	14	25	20533	WASHER	24	20
20533	WASHER	28	5	20553	WASHER (.406 x .734 x .063)	62	12
20553	WASHER (.406 x .734 x .063)	62	12	20572	WASHER (.390 x .750 x .093)	42	12
20572	WASHER (.390 x .750 x .093)	66	8	20739	NUT (.750-16)	58	6
20739	NUT (.750-16)	58	8	21071	COTTER PIN	50	16
21071	COTTER PIN	52	16	21825	NUT (.250-28)	4	9
21908	NUT (.312-18) Cad Plated	36	17	23161	NUT (.375-24)	4	23
23720	RING Retaining	36	13	24323	SET SCREW (.250-20 x 1.25)	14	19
26079A2	PLATE KIT Wire Harness Mount	16	1	26419	NUT (#8-32) Brass	14	7
26486	SCREW (.375-16 x 2.375)	62	11	269011	BUMPER Rubber	20	24
26907	WASHER (5/8 IN. O.D.)	24	7	26992	LOCKWASHER (.250) Stainless Steel	4	14
26992	LOCKWASHER (.250) Stainless Steel	14	8	26992	LOCKWASHER (.250) Stainless Steel	64	3
26992	LOCKWASHER (.250) Stainless Steel	68	6	26992	LOCKWASHER (.250) Stainless Steel	70	16
26992	LOCKWASHER (.250) Stainless Steel	70	19	26995	LOCKWASHER (#8) Stainless Steel	14	6
26996	LOCKWASHER (#10) Stainless Steel	4	6	26996	LOCKWASHER (#10) Stainless Steel	4	12
26996	LOCKWASHER (#10) Stainless Steel	14	16	26996	LOCKWASHER (#10) Stainless Steel	16	7
29198	SCREW AND LOCKWASHER (.312-18 x .875)	4	19	29198	SCREW AND LOCKWASHER (.312-18 x .875)	32	14
29245	WASHER (.281 x .500 x .060) Stainless Steel	64	4	29250	NUT (.312-24)	4	26
29250	NUT (.312-24)	30	19	29250	NUT (.312-24)	62	7
29598	NUT (.250-28) Stainless Steel	20	14	30119	WASHER (.875 Inch Outside Diameter)	24	6
32132	SCREW (.375-16 x 1.750)	46	3	32132	SCREW (.375-16 x 1.750) (3/8-16 X 1-3/4 IN.)	66	4
32219	NUT (.375-16)	4	34	32219	NUT (.375-16)	54	8
32219	NUT (.375-16) (3/8-16)	66	6	32219	NUT (.375-16)	68	10
32515	SCREW (.437-20 x 2.50)	46	9	32561	PLUG Pipe - Allen Head (.250-18)	22	3
32783	RETAINER Three Wire	18	23	32784	RETAINER Four Wire	18	24
328021	PLUG Pipe (.125-27)	28	16	328021	PLUG Pipe (.125-27)	32	16
32803	PLUG Pipe (.375-18) Brass	30	2	32803	PLUG Pipe (.375-18) Brass	32	11
32834	WASHER (.9375 x 1.750 x .172)	66	15	32857	COTTER PIN	50	6
32857	COTTER PIN	52	6	32993	LOCKWASHER (.437)	68	13

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Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
32993	LOCKWASHER (.437)	70	3	32993	LOCKWASHER (.437)	70	31
33395	GASKET	28	3	33465	O-RING	36	3
33734	LOCKWASHER (.500) (1/2 IN.)	66	16	33821	CONNECTOR	22	5
34109	PIN	18	16	342271	SEALING COMPOUND (16 Ounce) (WHERE APPLICABLE)	40	-
34270	EXPANSION PLUG (1.625)	40	7	34352	SCREW (.375-24 x .875)	46	12
34353	SCREW (.375-16 x 1.00)	36	19	34353	SCREW (.375-16 x 1.00)	62	8
34353	SCREW (.375-16 x 1.00)	68	7	34466	KEY	42	18
344863	GASKET	18	28	34500	SCREW (.312-18 x .625)	40	21
34516	NUT	38	21	34521	STUD (.013 O.S.)	38	23
34522	STUD (.003 O.S.)	38	23	34714	WASHER	36	21
34714	WASHER	54	7	34897	GASKET	46	2
35045	NUT (.250-28)	24	4	35045	NUT (.250-28)	24	21
35048	LOCKWASHER (.375)	4	18	35048	LOCKWASHER (.375)	36	20
35048	LOCKWASHER (.375)	42	15	35048	LOCKWASHER (.375)	62	9
35048	LOCKWASHER (.375)	62	9	35048	LOCKWASHER (.375) (3/8 IN.)	66	7
35048	LOCKWASHER (.375)	68	8	35091	SCREW (.375-16 x 1.00)	42	14
35312	PIN Dowel (1/4 In. Diameter)	40	18	35329	ARM KIT Rocker	38	19
35331	BALL Rocker Arm	38	20	35332	WASHER	46	11
35339	SCREW (.312-18 x .750)	40	16	35342	STUD (.312-24/.375-16 x 2.5625)	46	3
35366	SCREW	48	21	35462	WASHER (.2656 x .625 x .0625) Stainless Steel	14	10
35462	WASHER (.2656 x .625 x .0625) Stainless Steel	14	21	35462	WASHER (.2656 x .625 x .0625) Stainless Steel	28	24
35462	WASHER (.2656 x .625 x .0625) Stainless Steel	50	9	35462	WASHER (.2656 x .625 x .0625) Stainless Steel	52	9
35462	WASHER (.2656 x .625 x .0625) Stainless Steel	70	24	35465	PIN Dowel (.312)	40	8
35777	WASHER (.5156 x 1.375 x .125) Aluminum	66	13	35814	NUT (.312-24) Stainless Steel	24	16
358701	SCREW (.375-16 x 2.00)	62	11	36183	RETAINER	48	5
36184	SHAFT	48	4	36533	WASHER (.328 x .562 x .0312) Copper	20	20
37269	SCREW (.437-14 x 2.00)	70	2	37293	SENDER ASSEMBLY Oil Pressure (DUAL STATION)	16	5
37493	NUT (.375-24)	44	5	37612	SCREW (.375-16 x 1.250)	38	30
37612	SCREW (.375-16 x 1.250)	62	8	37612	SCREW (.375-16 x 1.250) (3/8-16 X 1-1/4 IN.)	66	4
37612	SCREW (.375-16 x 1.250)	68	7	39107	LOCKWASHER (.312-24)	4	5
39107	LOCKWASHER (.312-24)	36	16	39131	LOCKWASHER (.437)	46	10
40001188	SCREW (M10 x 20)	54	6	400211	NUT (M5) Stainless Steel	4	4
41471	LOCKWASHER (.375)	60	10	41471	LOCKWASHER (.375)	60	13
41610	GASKET	24	23	41622	PLUG (.750-14) Pipe	28	2
41622	PLUG (.750-14) Pipe	28	12	41622	PLUG (.750-14) Pipe	28	15
41877	STUD (M10)	54	2	42077	SEAL	56	2
42077	SEAL	56	11	42600A3	CONTROLLER ASSEMBLY	64	5
4285064	HOSE Transom Plate to Housing	32	18	43749	SCREW (.375-16 x 5.750)	28	13
43749	SCREW (.375-16 x 5.750)	28	13	44348T	TUBE Exhaust	60	1
44354A13	ELBOW ASSEMBLY Exhaust	28	11	44574	CAP	64	8
45592	NUT (.312-24)	22	12	455991	SPRING	50	4
45862	SCREW (#10-32 x .875)	14	14	46132	WASHER	28	17
46335	NUT (.375-24)	28	18	46350	WASHER	18	13
47277	SCREW (.312-24 x .750)	46	5	47462	SCREW (.437-14 x 1.250)	70	30
475166	HOSE ASSEMBLY (30.00 Inches)	70	5	47688	SCREW (.375-16 x 2.750)	46	3
47688	SCREW (.375-16 x 2.750)	68	7	47715	CLIP	30	18
48340	PLUG (.250-18 x .41)	40	2	483471	SPRING	38	16
483481	CAP	38	17	4865910	TUBE Exhaust (16.25 Inches)	60	1
49099	FITTING	42	10	49734A1	SENDER ASSEMBLY Water Temperature (DUAL STATION)	16	6
49845	SCREW (.437-20 x 1.00)	42	16	49955	GASKET Drain	48	11
52020	SLEEVE Hose	32	10	52185	CLAMP	18	26
52188	GROMMET	38	5	5251914	HOSE (53.00 Inches Bulk) Pump to Oil Cooler	54	15
530451	GASKET	30	4	530451	GASKET	32	17
53167	SCREW (.312-18 x .880)	52	5	53338	VALVE ASSEMBLY Filter	56	14
53728	SCREW (.375-16 x 4.75)	28	4	54615	SCREW (.250-20 x .625)	70	15
54630	SCREW (.312-24 x .625)	24	15	54676	RETAINER Two Wire	18	22
54786	SCREW (.312-18 x 1.250)	56	15	547971	KEY	38	18
56720	WASHER (.330 x .750 x .060) Stainless Steel	50	8	56720	WASHER (.330 x .750 x .060) Stainless Steel	52	8
56743	SCREW (.375-24 x 3.125)	4	22	58640	SCREW (.375-16 x 1.25)	32	15

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Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
58640	SCREW (.375-16 x 1.25)	60	9	593621	IMPELLER	36	6
59501A1	SHAFT	36	12	60179	SCREW (.437-14 x 3.500)	70	2
61356	NUT (#10-32) Reduced Hex	14	15	62568	SCREW (#10-16 x .375)	64	9
62826A10	CABLE ASSEMBLY Ground (21.00 Inches) Black	68	14	62826A6	CABLE ASSEMBLY Ground (13.00 Inches) Black	66	11
63341	TEE NUT	50	12	63341	TEE NUT	52	12
63835	ELBOW 45 Degree	70	6	64015	NUT (.250-20)	14	4
64015	NUT (.250-20)	14	11	64015	NUT (.250-20)	14	22
64015	NUT (.250-20)	24	8	64015	NUT (.250-20)	28	25
64066	STUD (.375-16 x 2.750) Special	66	5	64074	SCREW (.250-28 x .620)	24	17
657461	SCREW AND LOCKWASHER (.250-20 x .625)	50	22	657461	SCREW AND LOCKWASHER (.250-20 x .625)	52	17
66284A2	BASE ASSEMBLY	58	5	68101	SCREW (.375-16 x 1.375)	58	2
68102	LOCKWASHER (.750)	58	9	68219	NUT (#10-32) Stainless Steel	14	17
68219	NUT (#10-32) Stainless Steel	16	8	68219	NUT (#10-32) Stainless Steel	64	6
68402	PIN (.250 x 1.13)	52	15	68727	FITTING (.250-18) 90 Degree - Brass	24	25
69067	SCREW (.250-20 x 1.375)	64	2	71587A10	RECOVERY KIT Coolant	32	5
71587A11	BOTTLE Plastic	32	6	72008	NUT (.250-20)	70	25
72058	CAP	32	7	72640	PLUG Expansion (REAR CAMSHAFT)	40	9
72785	SEAL	36	14	72821	RETAINER	18	21
72961	BEARING Ball	36	11	74036	FITTING Grease	42	5
74036	FITTING Grease	70	8	74191	SCREW (.312-18 x 3.250)	36	4
74824	SCREW (.312-18 x 1.250)	24	27	75611	GASKET	38	24
75611A98	GASKET SET Engine Overhaul	18	-	75611A98	GASKET SET Engine Overhaul	20	-
75611A98	GASKET SET Engine Overhaul	24	-	75611A98	GASKET SET Engine Overhaul	26	-
75611A98	GASKET SET Engine Overhaul	28	-	75611A98	GASKET SET Engine Overhaul	30	-
75611A98	GASKET SET Engine Overhaul	32	-	75611A98	GASKET SET Engine Overhaul	38	-
75611A98	GASKET SET Engine Overhaul	40	-	75611A98	GASKET SET Engine Overhaul	46	-
75611A98	GASKET SET Engine Overhaul	48	-	75611A98	GASKET SET Engine Overhaul	56	-
76596	SCREW (.250-20 x 1.250)	14	24	76596	SCREW (.250-20 x 1.250)	28	22
76596	SCREW (.250-20 x 1.250) (1/4-20 X 1-1/4 IN.)	66	10	772233	PAD	30	23
774572	HOSE (48.00 Inches Bulk)	32	NS	79023A91	FUSE ASSEMBLY 90 Ampere	4	8
79091	FUSE 20 Ampere	16	13	79550A1	BRACKET	58	1
79695	BOOT Insulator - Black	4	7	79989	NUT (#10-24) Stainless Steel	4	13
8018611	RING SET	44	2	805059	FITTING	16	4
805062	O-RING (.530 x .082)	20	7	805063	O-RING (.301 x .070)	20	5
805063	O-RING (.301 x .070)	20	27	805189	SCREW (.375-16 x .750)	18	19
805218T	SENSOR	16	17	805222A1	DISTRIBUTOR ASSEMBLY	18	1
8053281	FITTING Elbow (90 Degree - .125)	16	9	8053432	SCREW (.375-16 x 4.33)	4	2
805357	STUD (.375-16 x 2.130)	58	3	805357	STUD (.375-16 x 2.130)	68	9
805364A1	DECAL SET Color Coding (COLOR CODE)	2	-	805367T	BRACKET	62	6
805406	FILTER	20	16	805439T3	LID Electrical Box	14	29
805515	CAP Shrader Valve - Brass	26	7	805526	STUD (.250-28 x 1.540)	24	19
805546A2	BRACKET Oil Cooler	30	22	805559	SCREW (.375-16 x .875) Stainless Steel	18	27
805562	NUT (#10-24)	14	26	805562	NUT (#10-24)	64	10
805592A1	CONNECTOR ASSEMBLY	16	15	805598	FITTING (.1875) Barb	24	24
805605A1	SWITCH ASSEMBLY	16	10	805615A2	THUMB SCREW ASSEMBLY	14	18
805625	CLIP Dipstick Tube	48	20	805703	FUSE 10 Ampere	14	27
805704	FUSE 15 Ampere	14	27	806121	FITTING	56	12
80617377	HOSE	20	21	80617377	HOSE	20	29
80617435	HOSE	38	7	806193A13	RESERVOIR	62	1
80622142	HOSE ASSEMBLY (84.00 Inches Bulk) Return	54	13	80622216	HOSE	54	10
806232	O-RING (.239 x .064)	54	12	806328	FITTING	56	3
806329T	ADAPTER Oil Filter	56	1	806608A1	PLUG KIT (.500-13) Royal Blue	20	11
806608A1	PLUG KIT (.500-13) Royal Blue	28	9	806608A1	PLUG KIT (.500-13) Royal Blue	40	5
806609	QUAD RING	20	12	806609	QUAD RING	28	10
806609	QUAD RING	40	6	806611T	MODULE Knock Control	14	3
806612T	SENSOR Knock	16	16	806656A6	HARNESS ASSEMBLY Engine	10	-
8067051	FITTING Dual	16	18	806762A1	VELCRO KIT	14	2
806816T	BRACKET/LIFTING EYE Harness Mounting	16	3	806871	GASKET	30	3
806922	SLEEVE	30	6	806926A1	ELBOW KIT Drain	28	8
806949	NUT (M8-1.5)	4	3	806981	SPACER	14	20
806981	SPACER	28	23	807054	SCREW (.250-20 x 1.00)	24	13

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807057	RELAY Fuel Pump	14	28	807075A1	COVER	32	13
807130A4	PIPE	60	6	807134	SEAL	32	9
807151A14	BODY/IMPELLER KIT	36	2	807151A9	PUMP ASSEMBLY Sea Water	36	1
807166A1	SHUTTER ASSEMBLY Water	60	7	807167	GROMMET	60	8
807172	FILTER Fuel/Water Separator	22	7	8072522	THERMOSTAT 71°C (160°F)	30	5
807260A2	COVER KIT Flywheel	66	9	807292T	COOLER Power Steering Oil	30	21
807323A5	BOX ASSEMBLY Electrical Components	14	1	807356	SCREW (.312-18 x 2.680)	36	4
807402T1	BRACKET Transmission Cooler	70	22	807445T	CLAMP	70	23
807449A1	MARINE LONG BLOCK ENGINE	40	-	807459T	BRACKET	56	4
807473A1	GASKET SET	26	4	807653T	ALTERNATOR ASSEMBLY	4	10
807653T	ALTERNATOR ASSEMBLY	8	-	807661	HOSE	30	10
807671A1	THROTTLE BODY ASSEMBLY	24	11	807672	GASKET TBU Relocator Tube	24	12
807685T	INSULATOR	20	2	807688T	TUBE Oil Fill	38	11
807697	HOSE Thermostat Housing to Starboard Manifold	30	16	807728T	PULLEY	54	4
807729T	PULLEY	46	4	807730T	PULLEY	46	7
807731	PULLEY	36	15	8077491	BRACKET	36	18
807750T	BRACE	4	16	807751T	BRACE	54	5
807753	BRACKET Idler	4	33	8077551	BELT Serpentine	46	8
8077552	BELT Serpentine	46	8	8077553	BELT Serpentine	46	8
807757T	PULLEY ASSEMBLY Idler - Black	4	29	807767T	BRACKET Idler Adjustment	4	24
807783A1	FITTING ASSEMBLY 90 Degree	20	4	807806T	INSULATOR Cap	22	9
807807T	INSULATOR Base	22	10	807904A1	STARTER MOTOR ASSEMBLY	4	1
807914A1	ELBOW ASSEMBLY Exhaust	28	11	807918T	BRACKET Fuel Filter Base	22	11
807930T	INSULATOR Cover	20	25	807949A1	PUMP ASSEMBLY Fuel	20	3
807951T	BRACKET Fuel Cooler	20	1	807952A1	REGULATOR KIT Fuel Pressure	20	15
807953T	LINE ASSEMBLY Fuel	22	14	807954T	HOSE ASSEMBLY Fuel Regulator to Filter	22	15
807956T	INSULATOR Back	22	8	807958	FITTING (1/4-18)	22	4
807962A3	BRACKET ASSEMBLY Shift	50	1	807962A3	BRACKET ASSEMBLY Shift	52	1
807979T	BRACKET	20	13	8079921	COVER Hose Clamp End	54	NS
8079923	COVER Hose Clamp End	30	NS	8079923	COVER Hose Clamp End	32	NS
8079923	COVER Hose Clamp End	60	NS	808001A1	FITTING ASSEMBLY	20	6
808002A1	FITTING KIT	20	19	808003	CONNECTOR	22	6
808005	SCREW (.250-20 x .500)	20	23	808009A1	SWITCH ASSEMBLY	50	17
808010	SCREW (.312-18 x 1.375)	26	9	808023T	STRAP Bracket	62	5
808033	HOSE Molded	30	8	808042	FITTING Elbow (90 Degrees) (.50 NPT x .75 Bars)	32	31
8080441	HOSE Molded	30	26	8080441	HOSE Molded	32	33
808065A5	TRANSMISSION	70	1	808483	CAP	18	2
808484	ROTOR	18	4	808485	SHAFT ASSEMBLY Main	18	5
808486	SHIELD	18	7	808487	RETAINER	18	6
808488	PIN	18	12	808489	WASHER	18	14
808490	GEAR	18	15	808491	SCREW	18	3
808624	CONNECTOR	62	3	808625	CAP Drive Lube Monitor Oil Bottle	62	2
808877	SWITCH Rocker (LOCK HIGH)	70	-	809133	STATOR	8	12
809135	SPACER	8	4	809136	NUT	8	1
809137	LOCKWASHER	8	2	809138	BOLT	8	23
809139	FAN ASSEMBLY	8	5	809140	SPACER	8	6
809141	SCREW	8	27	809142	TERMINAL	8	28
809143	NUT	8	17	809144	COVER	8	30
809145	SET SCREW	8	31	809146	MOLD	8	16
809147	LEAD WIRE (RED)	8	33	809148	LEAD WIRE (BLACK)	8	32
809149	CAP	8	29	809150	ROTOR	8	11
809151	BRACKET ASSEMBLY	8	7	809152	RETAINER	8	10
809153	BEARING	8	9	809154	SCREW	8	8
809155	BRACKET ASSEMBLY	8	13	809156	O-RING	8	21
809157	NUT	8	20	809158	MOLD	8	19
809159	BOLT	8	22	809160	SET SCREW	8	15
809161	CONDENSER	8	18	809162	RECTIFIER	8	14
809163	REGULATOR ASSEMBLY	8	24	809164	BRUSH	8	25
809165	SPRING	8	26	80948898	350 MAG MPI ALPHA/BRAVO (GEN+)	2	-
809825	RTV SILICONE (3 Ounce Tube) Metallic Blue (WHERE APPLICABLE)	40	-	8099071	PUMP ASSEMBLY Oil	48	1

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809909	SCREEN Oil Pump Pick Up	48	3	809910	PAN Oil	48	9
809911	SCREW Oil Drain (M12 x 1.75)	48	12	809992	VALVE Intake (STANDARD)	38	14
809995	COVER Rocker (W/ OIL FILL HOLE)	38	1	809996	COVER Rocker (W/O OIL FILL HOLE)	38	1
811637	MODULE	18	9	811638	SCREW	18	10
811639	COIL	18	8	811641	POLE PIECE	18	11
811658	CAMSHAFT	40	12	8116591	SPROCKET Camshaft	40	14
811662	RETAINER Lifter Guide	40	20	811663	RETAINER	40	23
811664	WASHER (.3125 Inch)	40	22	813995A1	GUIDE ASSEMBLY Spring	50	21
814001	PIN Clevis	50	15	8140021	STUD (.250 x 2.870)	50	2
814101	NUT (.250-20) Stainless Steel	24	29	814309A1	HOUSING ASSEMBLY	68	1
814806	WASHER (.344 x .688 x .065) Stainless Steel	36	5	814875	COVER Heat Exchanger End	32	NS
814876	GASKET End Cover	32	NS	814877	BOLT	32	NS
814878	O-RING Special	32	NS	8148791	CAP	32	NS
815425	SENDER ASSEMBLY Oil Pressure	16	5	815504105	CLAMP Worm Gear (11-18 mm)	38	10
815504105	CLAMP Worm Gear (11-18 mm)	54	16	815504212	CLAMP Worm Gear	30	11
815504212	CLAMP Worm Gear	32	29	815504220	CLAMP Worm Gear	30	17
815504220	CLAMP Worm Gear	32	21	815504222	CLAMP Worm Gear (1.98 Diameter)	30	12
815504222	CLAMP Worm Gear (1.98 Diameter)	30	28	815504222	CLAMP Worm Gear (1.98 Diameter)	32	25
815504224	CLAMP Worm Gear	30	24	815504232	CLAMP Worm Gear (2.50 Diameter)	30	14
815504232	CLAMP Worm Gear (2.50 Diameter)	32	27	815504256	CLAMP Worm Gear	24	10
815504272	CLAMP Worm Gear	60	2	815504272	CLAMP Worm Gear	60	4
815504388	CLAMP Worm Gear	32	4	8161331	FITTING	22	2
816311	TIE STRAP (8.00 Inches)	20	30	816336	SPARK PLUG	18	29
816398	CLIP	58	4	8164	CONNECTING ROD	44	3
816492A6	ALARM KIT	16	11	816565	PLUG Cup (.468)	40	3
816585	SCREW (.312-18 x .875)	30	25	816601	SCREW (.437-20 x 1.500)	4	35
816608A71	CABLE KIT Ignition (SPARK PLUGS & COIL)	18	25	816730	NUT (.250-20)	46	20
817376T	HARNES ASSEMBLY Distributor Module to Ignition Coil	18	17	817378T	COIL Ignition	18	18
817618	NUT (.437-20)	4	30	817618	NUT (.437-20)	6	36
818380T	BUSHING	4	28	818380T	BUSHING	4	31
8183812	PINION STUD (.437-20) Stainless Steel	4	27	818382	PULLEY	4	32
818465	BEARING SET 5 Pair (STANDARD)	42	1	818466	BEARING SET 5 Pair (.001 USA)	42	1
818467	BEARING SET 5 Pair (.010 USA)	42	1	818468	BEARING SET 5 Pair (.020 USA)	42	1
818598T	BRACKET	28	21	818718A3	COVER KIT	68	3
823588	SCREW (#8-32 x .250)	26	18	8243171	VALVE Exhaust (STANDARD)	38	13
8243181	VALVE Exhaust (.030 O.S.)	38	13	834990	PULLEY	8	3
835000	RING SET Piston (.5MM O.S.)	44	2	835001	PISTON ASSEMBLY	44	1
835002	PISTON ASSEMBLY (.5MM O.S.)	44	1	835005	COVER ASSEMBLY Timing	46	13
843504	SCREW (.380-16 x 1.500) Stainless Steel	28	13	845019	STUD (.250-20 x 2.750)	26	12
848136	WASHER (.328 x .680 x .190)	40	17	850090	STUD (.437-14/.375-16 x 3.360)	48	7
850091	NUT (.375-16)	48	8	850399	PUMP ASSEMBLY Water	46	1
851889	O-RING	26	2	852368	SCREW (#10-24 x .750)	20	17
852940	HOUSING ASSEMBLY With Studs Oil Seal (REAR)	46	14	852941	SEAL Oil (REAR)	46	16
852946	BALANCER Harmonic	46	6	853677	VALVE Intake Air Control	24	NS
853678	SENSOR Throttle Position	24	NS	853680	SCREW KIT	24	NS
85674	BEARING SET	40	10	85701	BEARING (PAIR - STANDARD)	44	6
85702	BEARING (PAIR - .001 USA)	44	6	85703	BEARING (PAIR - .002 USA)	44	6
85704	BEARING (PAIR - .010 USA)	44	6	85705	BEARING (PAIR - .020 USA)	44	6
85802	SCREW (.375-24 x Special)	44	4	860006	NUT (M14)	70	10
860065A1	BRACKET KIT Oil Bottle	62	4	860069	NUT (.375-16)	20	28
860069	NUT (.375-16)	22	13	860075	PLUG Pipe (.500-14)	26	5
860077	SCREW (#6-32 x 1.00)	50	18	860088	BUSHING	40	4
860089	HOSE Molded	30	9	860089	HOSE Molded	32	32
860102	STUD (.375-16 x 1.730)	4	21	860125T	DRIVEPLATE ASSEMBLY	42	13
860143A2	TUBE	48	18	860144	HOSE Thermostat Housing To Port Exhaust Manifold	30	15
86015	GASKET	68	4	860168981	OWNERS MANUAL	2	-
860171981	OWNERS MANUAL	2	-	860207A1	HOSE ASSEMBLY Oil	56	8
860208	HOSE ASSEMBLY Oil	56	9	860232	GASKET	28	6
860234A1	HEAT EXCHANGER	32	1	860246A3	MANIFOLD ASSEMBLY Exhaust	28	1

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Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
860256A3	HOUSING ASSEMBLY Thermostat	30	1	860256A4	HOUSING ASSEMBLY Thermostat	30	1
860265	FITTING	26	8	860266	VALVE	26	6
860273	CONNECTOR	20	22	860290	SCREW (M14 X 70)	70	9
860291A1	FLANGE ASSEMBLY Output	70	12	860292A2	FLANGE ASSEMBLY Input	70	7
860293	COUPLER	70	11	860294A3	BRACKET ASSEMBLY Transmission Support	70	27
860326A1	BRACKET ASSEMBLY Heat Exchanger	32	2	860331	HOSE Thermostat By-Pass	32	22
860332	HOSE	32	24	860346	FITTING Elbow (90 Degree) (.750)	32	30
860370T	BRACKET Alternator/Power Steering	4	20	860419	HOSE Thermostat Housing To Heat Exchanger	32	23
860421	HOSE Heat Exchanger To Exhaust Manifold	32	20	860443	MODULE Transmission Control	70	17
860451T	ADAPTER	56	10	860482	HOSE Water Pump To Intake Manifold	32	28
861018T	BRACKET ASSEMBLY TCM	70	14	861019T	COOLER Transmission Oil	70	21
861021	SCREW	70	13	861040A1	PLATE TBI Adaptor	24	22
861057	HOSE Heat Exchanger To Exhaust Manifold	32	19	861059	HOSE	32	26
861061T	FUEL RAIL	26	10	861188A1	HOUSING ASSEMBLY Thermostat	32	8
861198	CLIP	26	17	861249	SENSOR MAP	26	16
861249	SENSOR MAP	70	20	861259	FLAME ARRESTOR	24	9
861260	INJECTOR Fuel	26	1	861263A1	HARNESS ASSEMBLY	12	-
861265T1	ECM Engine Control Module	14	23	861267A1	COOLER KIT Fuel	20	8
861303	SCREW (.250-28) Special	20	9	861314A1	DECAL SET	24	2
861360	SPACER (1.1875)	62	13	861387T	BRACKET Throttle Linkage	24	14
861388T	BRACKET Throttle Cable	24	26	861400A1	LINE ASSEMBLY Fuel	20	26
861401	LINE Fuel (21 IN.)	26	14	861408	BRACKET Flame Arrestor	24	5
861414	RING Retaining	20	10	861422A5	MANIFOLD ASSEMBLY Intake	26	3
861472A3	HARNESS ASSEMBLY Transmission	70	26	861476	VALVE PCV	38	8
861514	LINE Fuel (24 IN.)	26	15	861521A2	HARNESS ASSEMBLY (30 FT.)	70	-
863726	GASKET	28	7	86400	WASHER	24	3
86885	SCREW (.250-20 x 1.500) Stainless Steel	26	11	87108	HOSE Molded	30	13
88031	SWITCH ASSEMBLY	70	4	88543A3	CABLE ASSEMBLY	64	7
88791	MOUNT	70	28	89302	WASHER (.203 x .406 x .040)	20	18
89876A3	BASE ASSEMBLY Fuel Filter/Water Separator	22	1	89879	O-RING (.301 x .064)	54	11
89879	O-RING (.301 x .064)	54	14	90096A1	STUD ASSEMBLY (#10-32 x Special)	18	20
90517	NUT (M10)	54	9	905201	SPACER (.750 x .250) (1/4 IN. LONG)	62	10
90562	SEAL (1.254 x .312)	36	10	91034	SPACER (.380 x 1.00 x .530)	38	29
91034	SPACER (.380 x 1.00 x .530)	62	10	91892	GASKET	56	13
92850	CLAMP	38	28	92913	SCREW (.437-14 x .750)	68	12
93320A5	RISER KIT Exhaust (3 Inches)	28	14	93322A7	RISER KIT Exhaust (6 Inches)	28	14
93385	FITTING (90 Degree)	26	13	939201	PLATE	68	11
94288	QUAD RING	36	7	94330	NUT (.250-20) Brass	4	15
94330	NUT (.250-20) Brass	14	9	94576	WEAR PLATE (INNER)	36	8
94913A5	HOUSING ASSEMBLY Pump	36	9	95084A10	CABLE ASSEMBLY (5.00 Inches) Red	16	14
95084A9	CABLE ASSEMBLY (91.00 Inches) Red/Purple Strip	16	12	9520	FLYWHEEL	42	3
95211	CRANKSHAFT	42	17	95805	CAP	54	3
96054	SOLENOID ASSEMBLY Starter	14	5	96112	STUD (.250-28 x 2.00) Throttle Cable Anchor	50	11
96112	STUD (.250-28 x 2.00) Throttle Cable Anchor	52	11	96430	SHOULDER SCREW	24	28
96457	WASHER Phenolic (.27 x .81 x .062)	4	11	97181	CYLINDER HEAD ASSEMBLY	38	22
97257A1	SENDER ASSEMBLY Water Temperature	16	6	97350T1	PLATE	60	11
976641	SEAL (INTAKE AND EXHAUST)	38	15	97850	ELBOW 90 Degree Breather	38	6
97861	INSULATOR	14	12	97934	SCREW (.500-20 x 5.370) Special (1/2-20 X 5-1/4 IN.)	66	12
98253	SCREW (.250-20 x .500)	68	5	98253	SCREW (.250-20 x .500)	70	18
98257	SCREW (.312-18 x .500)	56	5	98261	SCREW (.375-16 x .750)	4	17
98261	SCREW (.375-16 x .750)	4	25	98261	SCREW (.375-16 x .750)	16	19
98261	SCREW (.375-16 x .750)	56	6	98508	SCREW (.375-16 x 3.00)	30	7
986021	DEFLECTOR Oil	48	6	98794	SCREW (.375-16 x 1.00)	60	12
987981	STUD (.250-20/.250-28 x 2.120)	52	2	98828	SPACER	52	4
98869A11	ELECTRODE ASSEMBLY	64	1	98880	SPRING	50	7
98880	SPRING	52	7	991551	THERMOSTAT	32	12
99297A1	MOUNT ASSEMBLY Rubber	66	2	99298	NUT (.500-20) (1/2-20)	66	17
99299	SPACER (.520 x .870 x .630)	66	14	99322	SPACER	66	3
99322	SPACER	70	29	F1669	NUT (#6-32)	50	20

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Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
FI1100096	PIN Dowel (1/4 Diameter) (1/4 IN.)	42	2	NSS	NOT SOLD SEPARATE CYLINDER BLOCK ASSEMBLY	40	1