Parts Manual

Cat.# 90-898181002

Revised 09-12-2020

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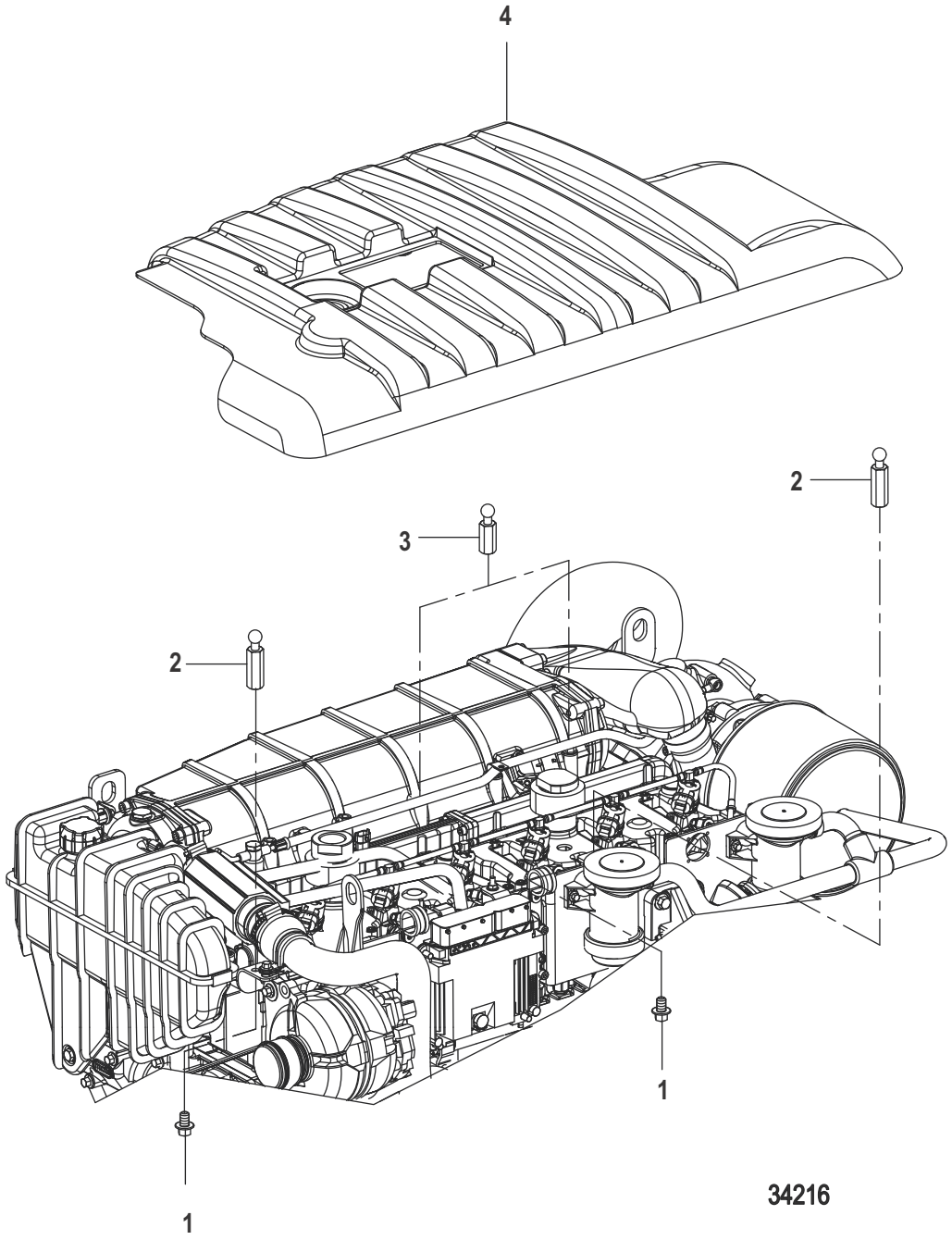
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Service and Support Material

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0090	898181002	PARTS MANUAL Cummins/Mercruiser Diesel QSD-4.2L		1	
-	0090	866934060	OPERATION MANUAL 2.8L/4.2L Inboard		1	
-	0090	866933060	OPERATION MANUAL 2.8L/4.2L Sterndrive		1	
-	0090	866933081	OPERATION MANUAL Axius Diesel 2.8/4.2L		1	
-	0090	866920060	INSTALLATION MANUAL 2.8L/4.2L Sterndrive		1	
-	0090	866921060	INSTALLATION MANUAL 2.8L/4.2L Inboard		1	
-	0090	866920081	INSTALLATION MANUAL Axius Diesel 2.8/4.2L		1	
-	0090	866911	CD OEM Literature		1	
-	0090	866910	CD Service Literature		1	
-	0091	8M0047331	TOOL ECM Reflash	4.2L	1	
-	0000	879150103	LONGBLOCK 4.2L		1	
-	0037	8M0021527	DECAL CMD, QSD 4.2 Litre		1	
-	0037	8M0090361	DECAL SET Mercury Diesel, 2.8 / 4.2L		1	

Engine Cover

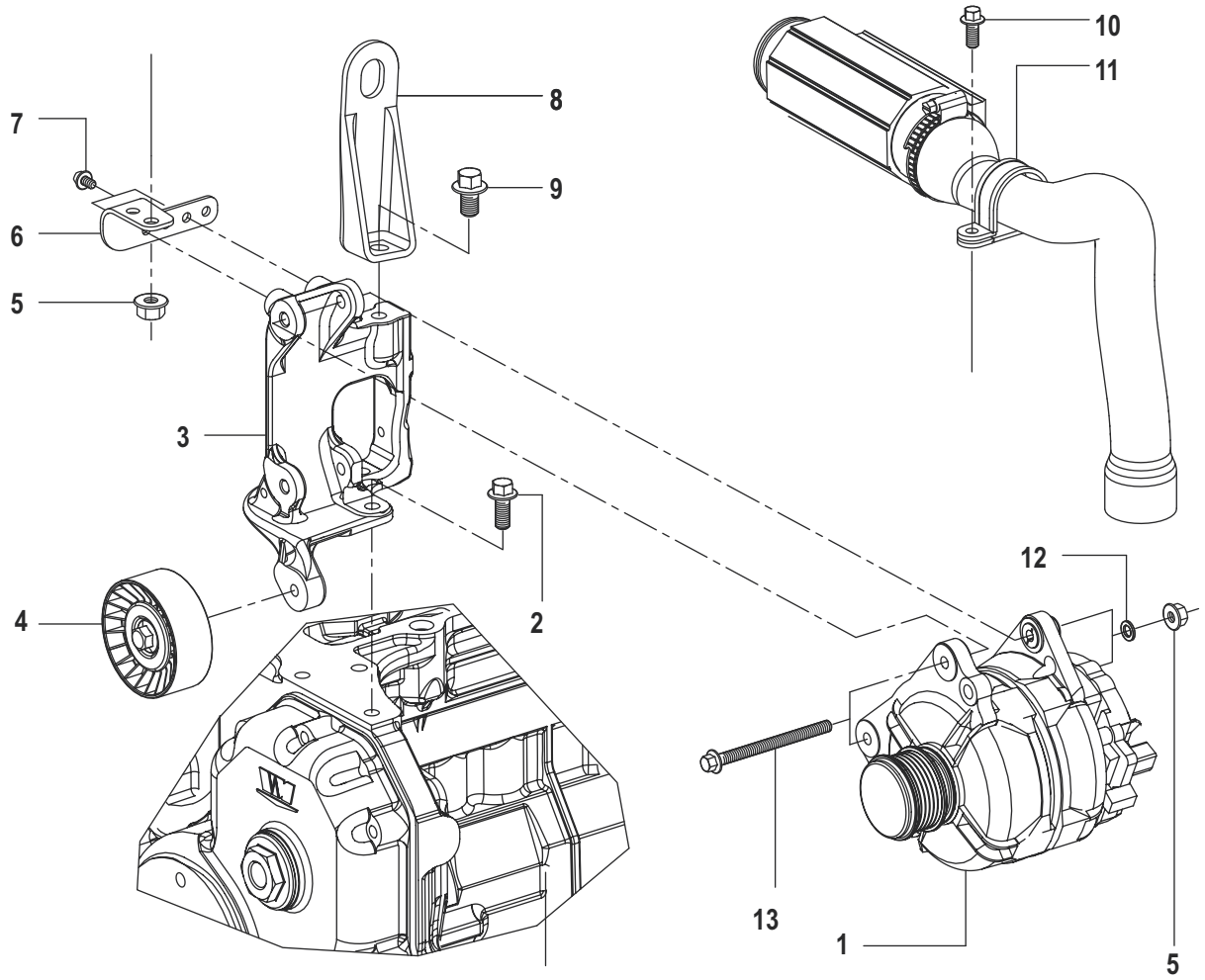


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Engine Cover

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0010	898101553	SCREW		2	
2	0023	896332039	SPACER		2	
3	0017	898272001	PIN Cover Mount		2	
4	0000	879194076	COVER Use With Design-I Exhaust Elbow		1	
4	0000	87919454T	COVER Use With Design-II Exhaust Elbow		1	

Alternator

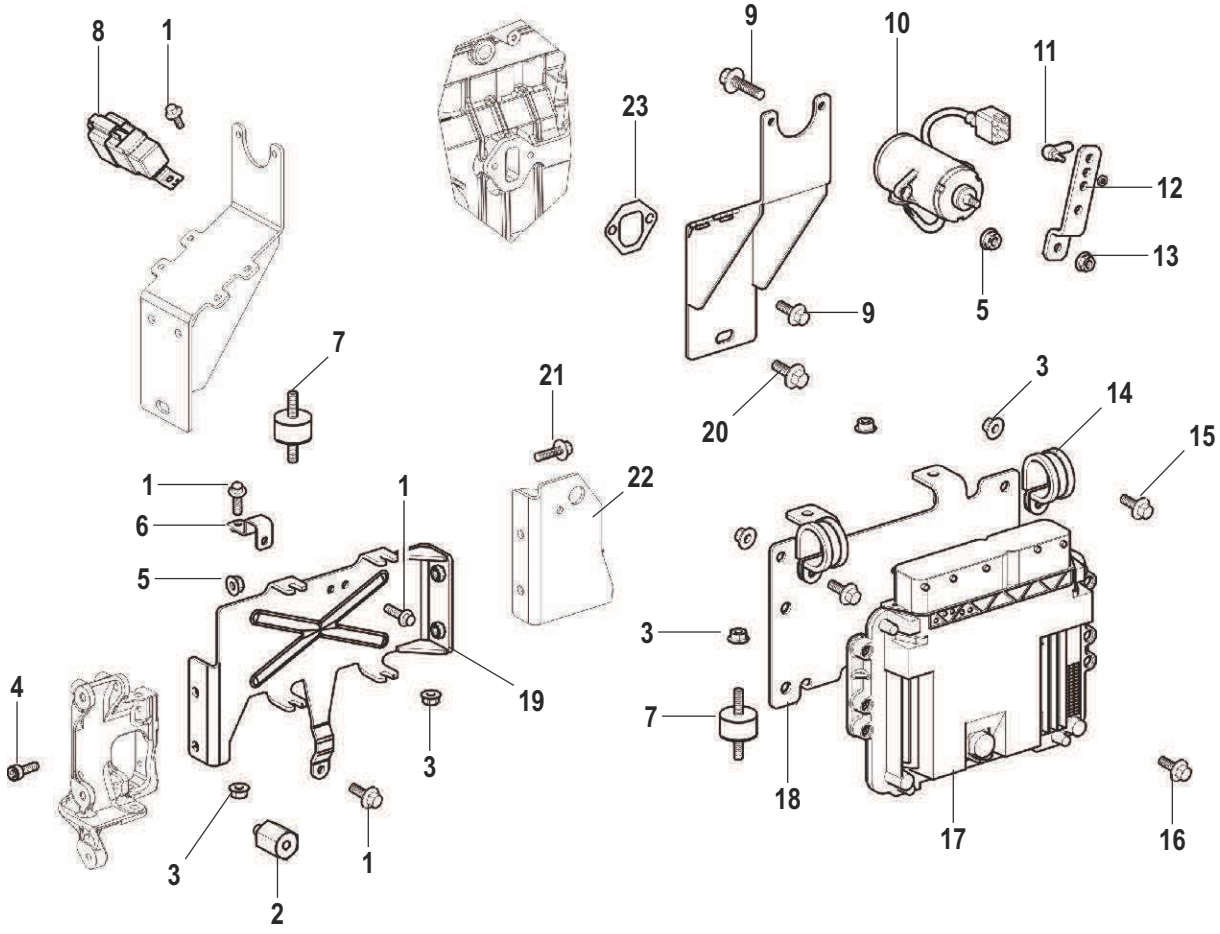


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Alternator

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	898101505	ALTERNATOR		1	
2	0010	898101563	SCREW		3	
3	0000	898101433	BRACKET		1	
4	0000	896332057	IDLER PULLEY		1	
5	0011	898101542	NUT		3	
6	0000	879194077	BRACKET		1	
7	0010	898101548	SCREW		2	
8	0000	898101440	LIFT HOOK		1	
9	0010	898101569	SCREW		1	
10	0010	898101555	SCREW		1	
11	0054	898101511	CLAMP		1	
12	0012	879148013	WASHER		2	
13	0010	898101560	SCREW		2	

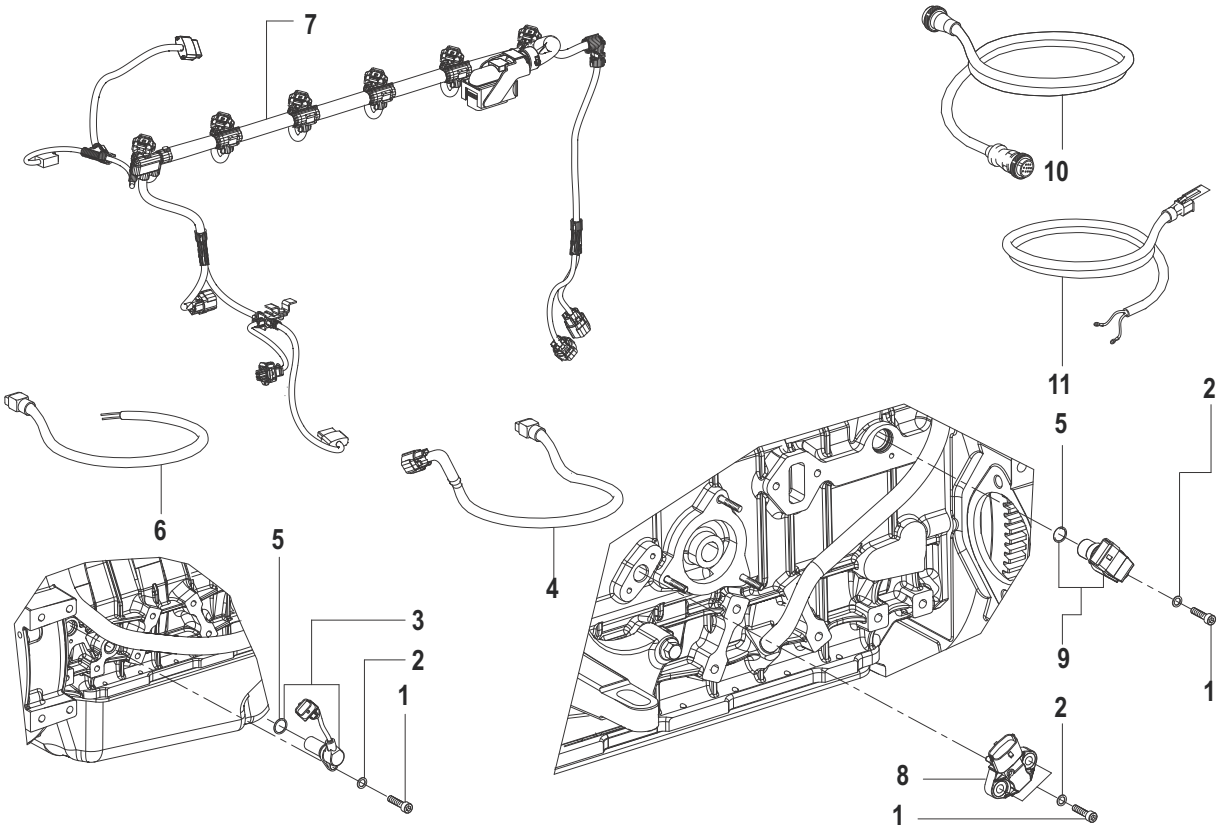
ECM

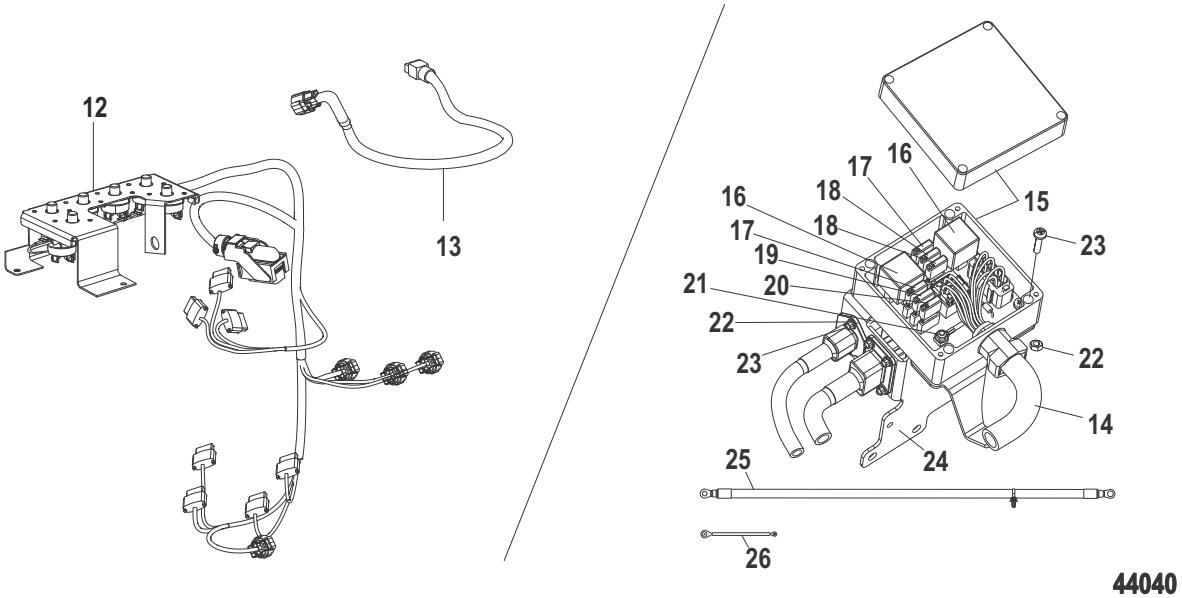

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ECM

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0010	879271	SCREW		5	
2	0023	879272	SPACER		1	
3	0011	879273	NUT		10	
4	0010	879274	SCREW		2	
5	0011	879275	NUT		4	
6	0000	879276	BRACKET		1	
7	0000	898101572	DAMPER		4	
8	0000	879277	RELAY		2	
9	0010	879278	SCREW		2	
10	0000	898101498	POTENTIOMETER TPS		1	
11	0000	896332233	SWIVEL ASSEMBLY		1	
12	0000	879280	LEVER		1	
13	0011	879281	NUT		1	
14	0054	879194219	CLAMP		2	
15	0010	879282	SCREW		2	
16	0010	879283	SCREW		4	
17	0000	879148001	ECM Engine Control Module - 350 HP 4.2L		1	
17	0000	879148002	ECM Engine Control Module - 320 HP 4.2L		1	
17	0000	879148003	ECM Engine Control Module - 270 HP 4.2L		1	
18	0000	879194220	BRACKET		1	
19	0000	879284	BRACKET		1	
20	0010	879285	SCREW		1	
21	0010	879286	SCREW		2	
22	0000	879287	BRACKET		1	
23	0027	879288	GASKET		1	


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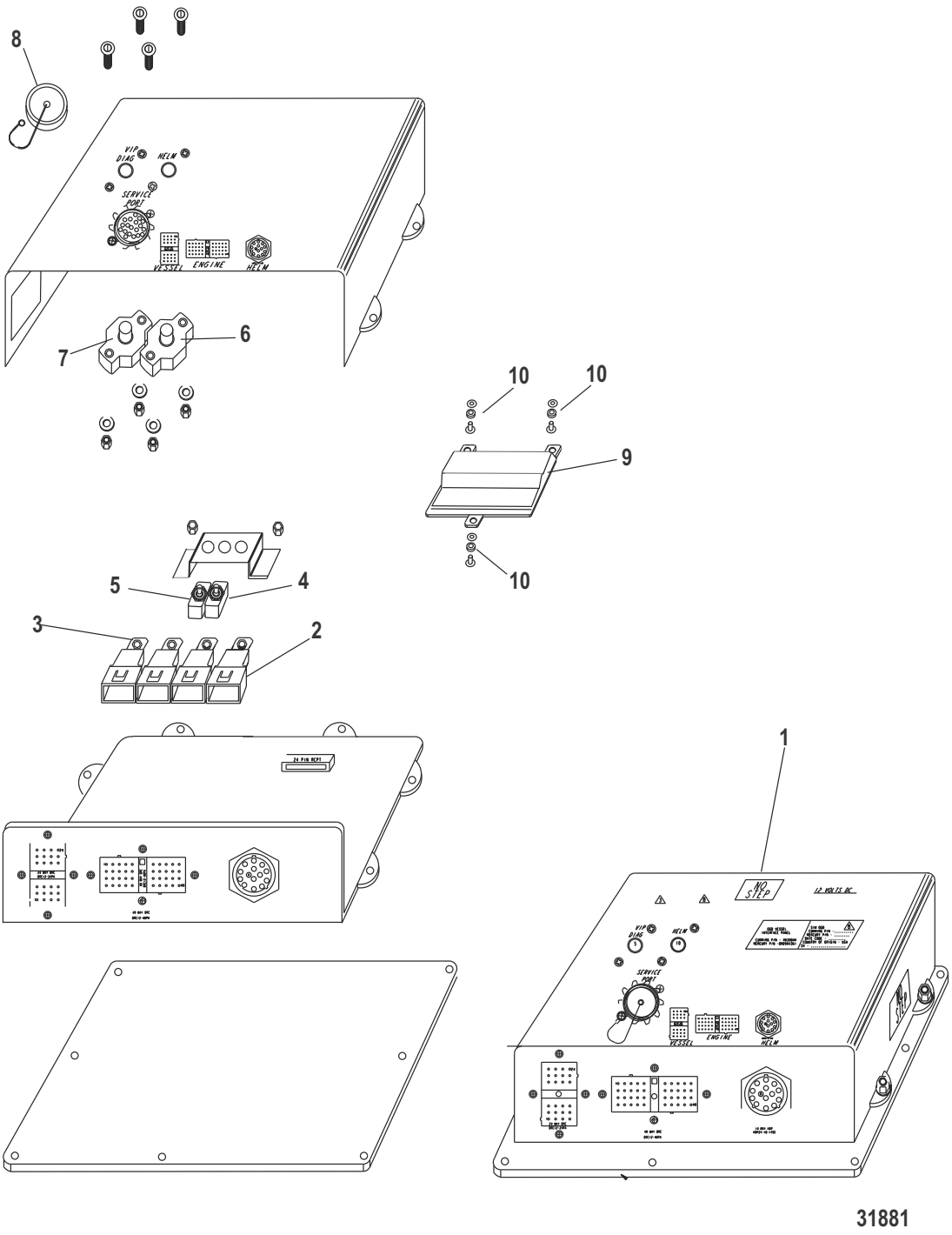

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Electrical Parts

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0010	898101524	SCREW		4	
2	0012	879194114	WASHER		4	
3	0000	898101575	SENSOR Crankshaft Speed		1	
4	0084	879194079	WIRE Water Temperature		1	
5	0025	879172112	O-RING		2	
6	0084	879172011	CABLE ASSEMBLY Power Supply		1	
7	0084	879194110	HARNESS ASSEMBLY Fuel System		1	
8	0000	879172109	SENSOR Engine Oil Pressure and Temperature		1	
9	0000	898101576	SENSOR Camshaft Position		1	
10	0084	879172010	HARNESS Extension		2	
11	0084	879194113	CABLE ASSEMBLY Neutral		1	
12	0000	879194112	BRACKET AND HARNESS Engine Interface	Design-I	1	
-	0087	898101743	CIRCUIT BREAKER 5 Amphere	Design-I	AR	
-	0087	898101744	CIRCUIT BREAKER 10 Amphere	Design-I	AR	
-	0087	898101745	CIRCUIT BREAKER 15 Amphere	Design-I	AR	
-	0087	898101746	CIRCUIT BREAKER 20 Amphere	Design-I	AR	
13	0084	898101728	HARNESS Alternator Diode Alternator	Design-I	1	
14	0000	8M0047365	HARNESS Engine	Design-II	1	
15	0000	8M0047364	RELAY BOX	Design-II	1	
16	0000	8M0047366	RELAY	Design-II	2	
17	0000	8M0047367	CIRCUIT BREAKER 10 Amphere, Auto Reset	Design-II	2	
18	0000	8M0047368	CIRCUIT BREAKER 15 Amphere, Auto Reset	Design-II	2	
19	0000	8M0047369	CIRCUIT BREAKER 5 Amphere, Auto Reset	Design-II	1	
20	0000	8M0047370	CIRCUIT BREAKER 20 Amphere, Auto Reset	Design-II	1	
21	0011	898101540	NUT (M5)	Design-II	1	
22	0011	8M0047361	NUT (M4)	Design-II	10	
23	0010	8M0047362	SCREW (M4 x 14)	Design-II	10	
24	0000	8M0047363	BRACKET	Design-II	1	
25	0084	8M0047360	CABLE Alternator	Design-II	1	
26	0084	8M0047359	CABLE Mercathode	Design-II	1	

Electrical Components Vessel Interface Panel (VIP) (24 Pin)



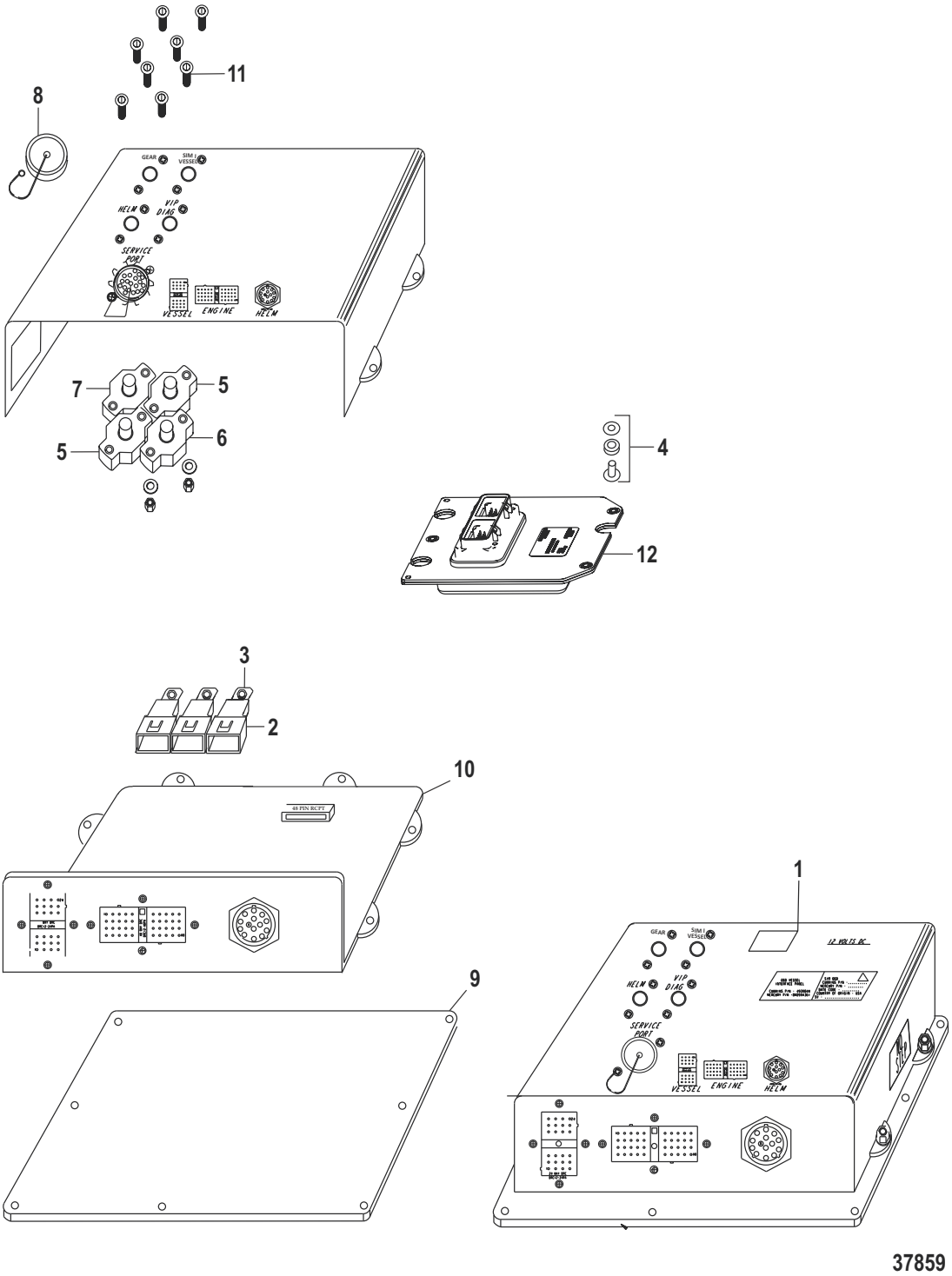
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Electrical Components Vessel Interface Panel (VIP) (24 Pin)

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	8M2004358	PANEL Electrical - Vessel Interface	Inboard	1	
-	0000	8M2004359	PANEL Electrical - Vessel Interface	Sterndrive	1	
1	0000	8M2004361	PANEL Electrical - Vessel Interface	Does Not include SIM	1	
2	0000	8M2005500	RELAY		4	
3	0054	8M2005501	CLIP		4	
4	0087	8M2005502	TOGGLE SWITCH On/Off SPST		1	
5	0087	8M2005503	TOGGLE SWITCH On/Off DPST		1	
6	0000	8M2005499	BREAKER Circuit - 10 Ampere		1	
7	0000	8M2005498	BREAKER Circuit - 5 Ampere		1	
8	0000	8M2005504	CAP Dust		1	
9	0000	8M2004362	SIM MODULE Interface Non-DTS	Inboard	1	
9	0000	8M2004360	SIM MODULE Interface Non-DTS	Sterndrive	1	
10	0000	8M2005497	VIBRATION ISOLATOR KIT		1	

Electrical Components Vessel Interface Panel (VIP) (48 Pin)

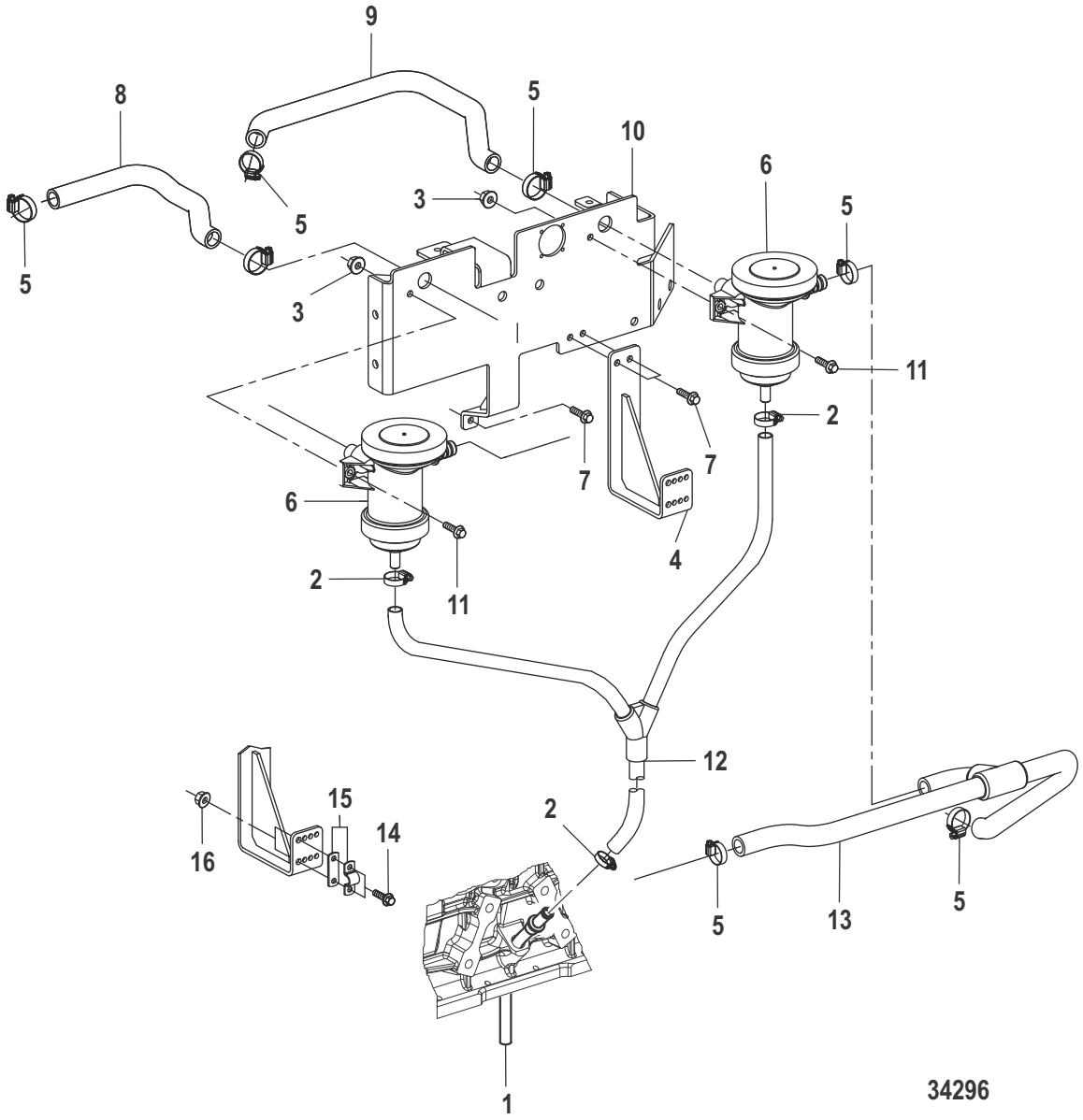


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Electrical Components Vessel Interface Panel (VIP) (48 Pin)

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0077	8M0070839	VESSEL INTERFACE PANEL Axius GEN I Diesel SC 2.2		AR	
-	0084	8M0070070	VESSEL INTERFACE PANEL Axius GEN II Diesel SC 2.5		AR	
-	0084	8M0070066	VESSEL INTERFACE PANEL IB SC 2.2 (DTS)		AR	
-	0084	8M0070068	VESSEL INTERFACE PANEL IB W/Troll SC 2.2 (DTS)		AR	
-	0084	8M0070071	VESSEL INTERFACE PANEL IB SC 2.2 (Non DTS)		AR	
-	0084	8M0070069	VESSEL INTERFACE PANEL Sterndrive SC 2.2 (DTS)		AR	
-	0084	8M0070072	VESSEL INTERFACE PANEL Sterndrive SC 2.2 (Non DTS)		AR	
1	0000	8M2011449	PANEL Electrical - Vessel Interface		1	
2	0000	8M2005500	RELAY		3	
3	0054	8M2005501	CLIP		3	
4	0000	8M2005497	VIBRATION ISOLATOR KIT		1	
5	0000	8M2005499	BREAKER Circuit - 10 Ampere		2	
6	0000	8M2005498	BREAKER Circuit - 5 Ampere		1	
7	0088	8M2011907	BREAKER Circuit - 15 Ampere		1	
8	0000	8M2005504	CAP Dust		1	
9		NSS	NOT SOLD SEPARATE Mounting Bracket		1	
10		NSS	NOT SOLD SEPARATE Enclosure		1	
11		NSS	NOT SOLD SEPARATE Screw		8	
12	0077	8M0075841	SIM MODULE Axius GEN I Diesel SC 2.2		1	
12	0077	8M0075842	SIM MODULE Axius GEN II Diesel SC 2.5		1	
12	0077	8M0075826	SIM MODULE IB 2.2 (DTS)		1	
12	0077	8M0075829	SIM MODULE IB+TROLL 2.2 (DTS)		1	
12	0077	8M0075843	SIM MODULE IB 2.2 (NON DTS)		1	
12	0077	8M0075833	SIM MODULE Sterndrive 2.2 (DTS)		1	
12	0077	8M0075835	SIM MODULE Sterndrive 2.2 (Non DTS)		1	

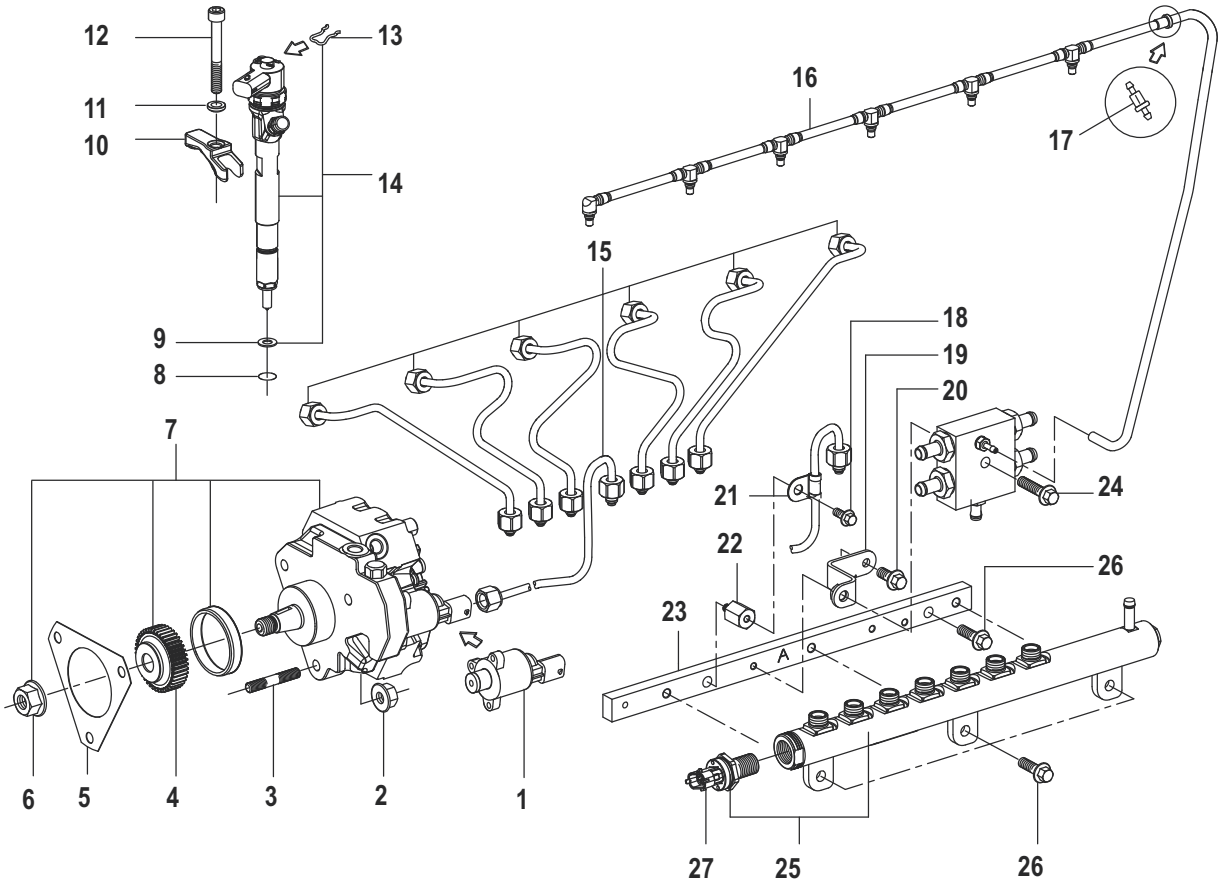
Oil Separator



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Oil Separator

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0032	896332188	HOSE		1	
2	0054	896332106	CLAMP		3	
3	0011	898101541	NUT		4	
4	0000	879194132	BRACKET		1	
5	0054	854189	CLAMP		7	
6	0000	854050	SEPARATOR Oil		2	
7	0010	898101549	SCREW		3	
8	0032	898101454	PIPE		1	
9	0032	898101455	PIPE		1	
10	0000	879194131	BRACKET		1	
11	0010	898101550	SCREW		2	
12	0032	898101457	PIPE		1	
13	0032	898101458	PIPE		1	
14	0010	898101547	SCREW		2	
15	0054	896332232	CLAMP Cable		1	
16	0011	898101540	NUT (M5)		2	



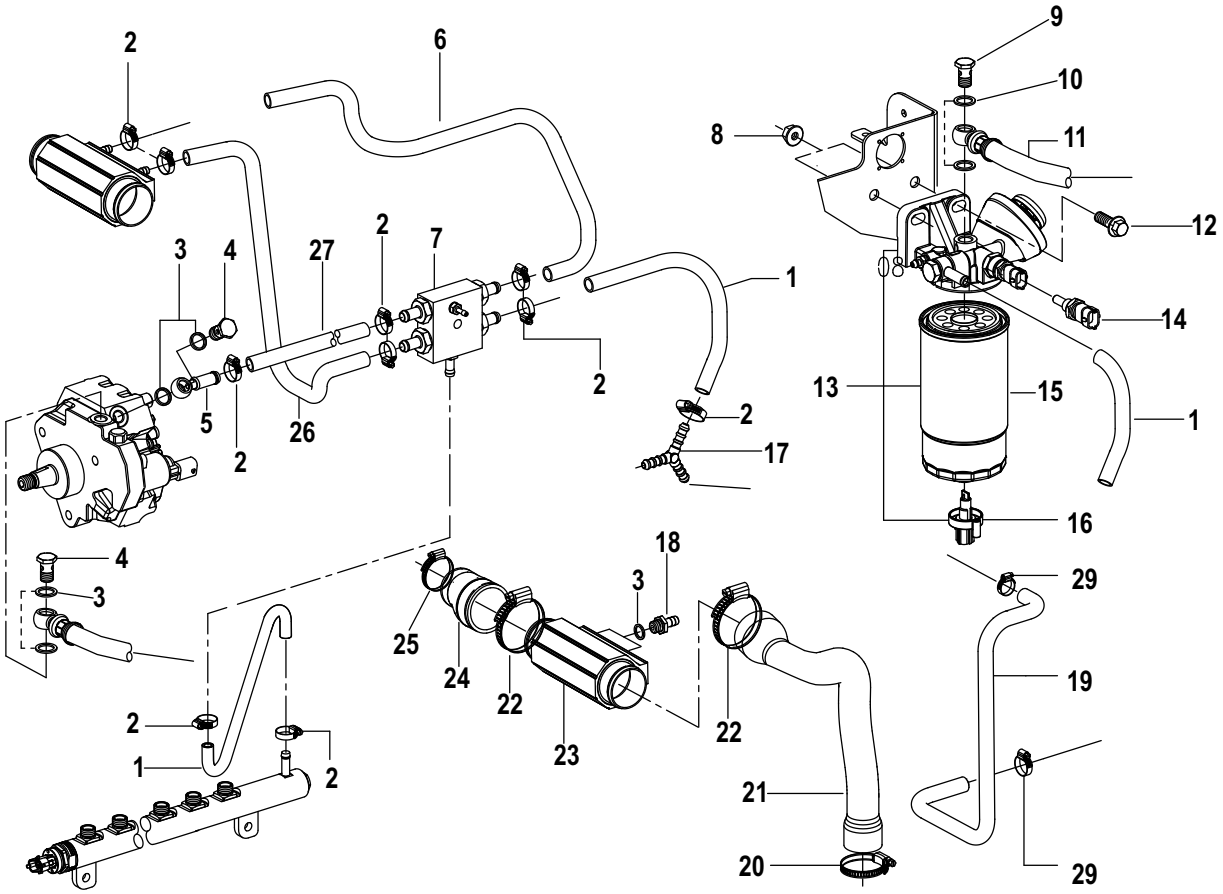
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Fuel System

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	879172103	VALVE Regulating		1	
2	0011	898101542	NUT		3	
3	0016	898101520	STUD		3	
4	0043	898101444	PUMP Gear Injection		1	
5	0027	898101487	GASKET Injection Pump		1	
6	0011	898101545	NUT		1	
7	0000	879194120	PUMP ASSEMBLY Injection		1	
8	0012	896332116	WASHER		6	
9	0027	879194116	GASKET		6	
10	0054	898101460	CLAMP		6	
11	0012	898101471	WASHER		6	
12	0010	898101533	SCREW		6	
13	0024	879194115	SPRING		6	
14	0000	898101423	INJECTOR ASSEMBLY		6	
15	0000	898101419	PIPE KIT		1	
16	0000	879194208	PIPE ASSEMBLY		1	
17	0000	879172138	VALVE Pressure		1	
18	0010	898101549	SCREW		1	
19	0000	879194134	BRACKET		1	
20	0010	898101550	SCREW		1	
21	0054	898101512	CLAMP		1	
22	0032	898101463	PIPE		1	
23	0000	879194130	BRACKET		1	
24	0010	898101557	SCREW		1	
25	0000	898101500	FUEL RAIL ASSEMBLY		1	
26	0010	898101555	SCREW		5	
27	0000	879172105	SENSOR Rail Fuel Pressure		1	

Fuel Filter



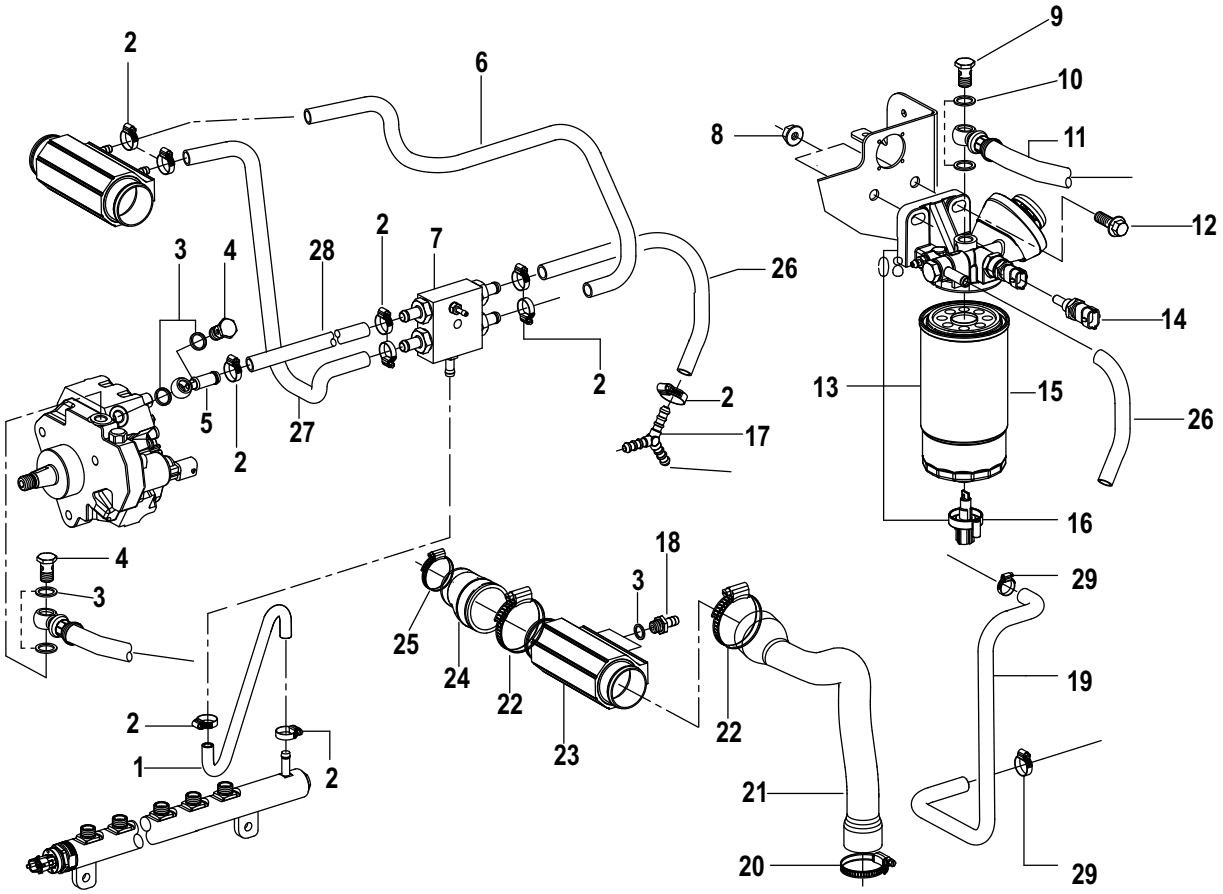
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Fuel Filter

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0032	879194145	PIPE Filter and Rail to Refuse	4.2L	3	
1	0032	879194145	PIPE Filter to Refuse	2.8L	2	
1	0032	879194146	PIPE Rail to Refuse	2.8L	1	
2	0054	896332065	CLAMP Stainless		12	
3	0025	809963129	WASHER Seal		4	
4	0010	898101750	BOLT		1	
5	0000	898101469	ADAPTER		1	
6	0032	879194147	PIPE	4.2L	1	
6	0032	896332105	HOSE	2.8L	1	
7	0000	879194207	REFUSE ASSEMBLY Fuel		1	
8	0011	898101543	NUT		2	
9	0010	811410	SCREW (M14)		1	
10	0012	889153	WASHER		2	
11	0032	879194142	PIPE		1	
12	0010	898101564	SCREW		2	
13	0035	898101503	FILTER ASSEMBLY Fuel		1	
14	0000	879150053	SENSOR Fuel Temperature		1	
15	0035	879172104	FILTER Fuel		1	
16	0000	879172108	SENSOR Water		1	
17	0000	879194184	ADAPTER		1	
18	0022	896332107	ADAPTER Fuel		2	
19	0032	879194147	PIPE		1	
20	0054	896332084	CLAMP		1	
21	0032	879194143	PIPE		1	
22	0054	801333457	CLAMP		2	
23	0000	896332110	COOLER Fuel		1	
24	0032	879194144	PIPE		1	
25	0054	896332085	CLAMP		1	
26	0032	879194146	PIPE		1	
27		8M0120386	HOSE	2.8L	1	
27		8M0120387	HOSE	4.2L	1	

Fuel Filter Design II

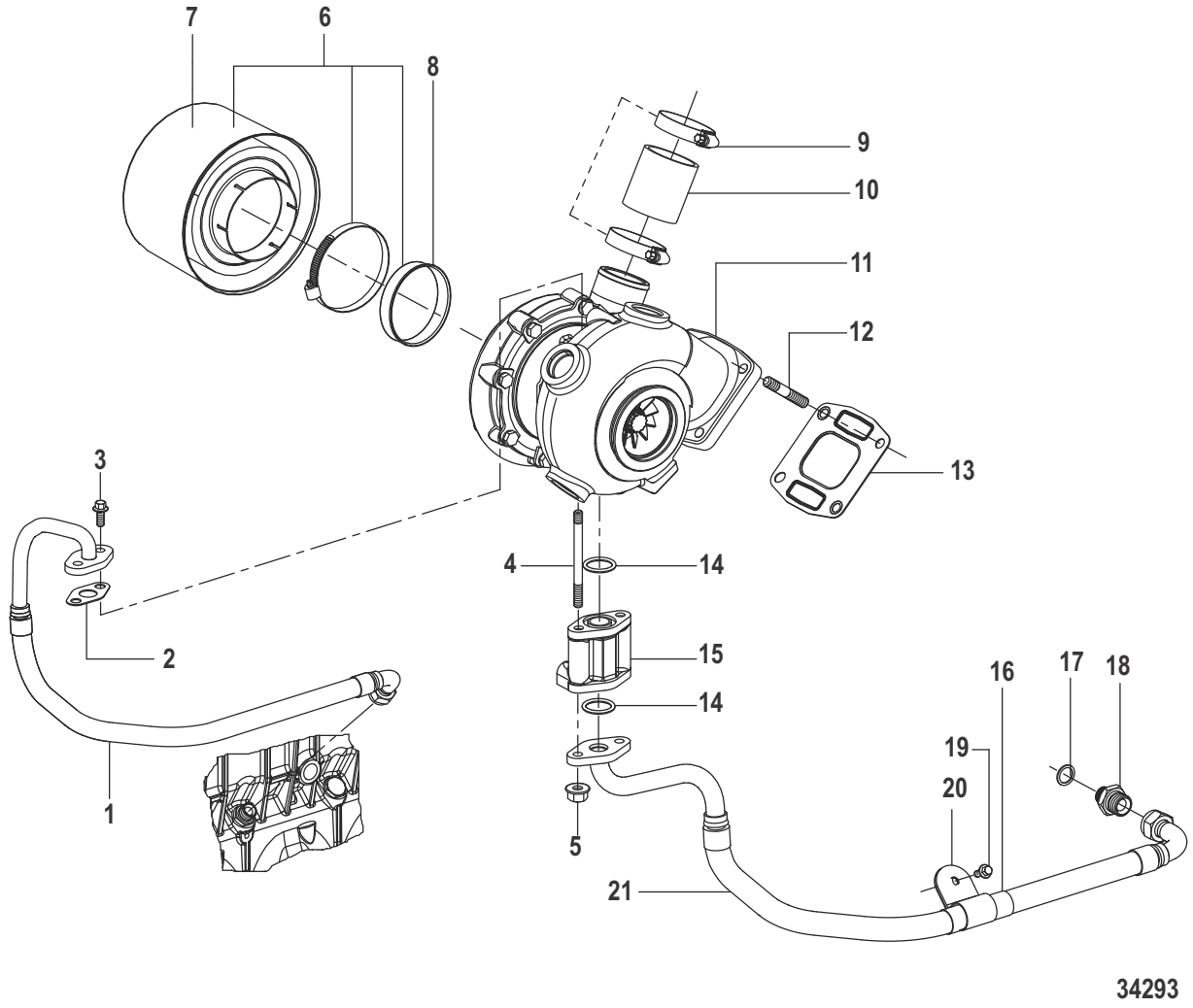


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Fuel Filter Design II

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0032	879194145	PIPE		1	
2	0054	854177001	CLAMP		10	
3	0025	809963129	WASHER Seal		4	
4	0010	898101750	BOLT		1	
5	0000	898101469	ADAPTER		1	
6		8M0120306	HOSE		1	
7	0000	879194207	REFUSE ASSEMBLY Fuel		1	
8	0011	898101543	NUT		2	
9	0010	811410	SCREW (M14)		1	
10	0012	889153	WASHER		2	
11	0032	879194142	PIPE		1	
12	0010	898101564	SCREW		2	
13	0035	898101503	FILTER ASSEMBLY Fuel		1	
14	0000	879150053	SENSOR Fuel Temperature		1	
15	0035	879172104	FILTER Fuel		1	
16	0000	879172108	SENSOR Water		1	
17		8M0120312	FITTING Tee		1	
18		8M0120310	FITTING		2	
19	0032	879194147	PIPE		1	
20	0054	896332084	CLAMP		1	
21	0032	879194143	PIPE		1	
22	0054	801333457	CLAMP		2	
23	0000	896332110	COOLER Fuel		1	
24	0032	879194144	PIPE		1	
25	0054	896332085	CLAMP		1	
26		8M0120305	HOSE		2	
27		8M0120307	HOSE		1	
28		8M0120308	HOSE		1	
29	0054	896332065	CLAMP Stainless		2	

Turbocharger and Air Filter Assembly

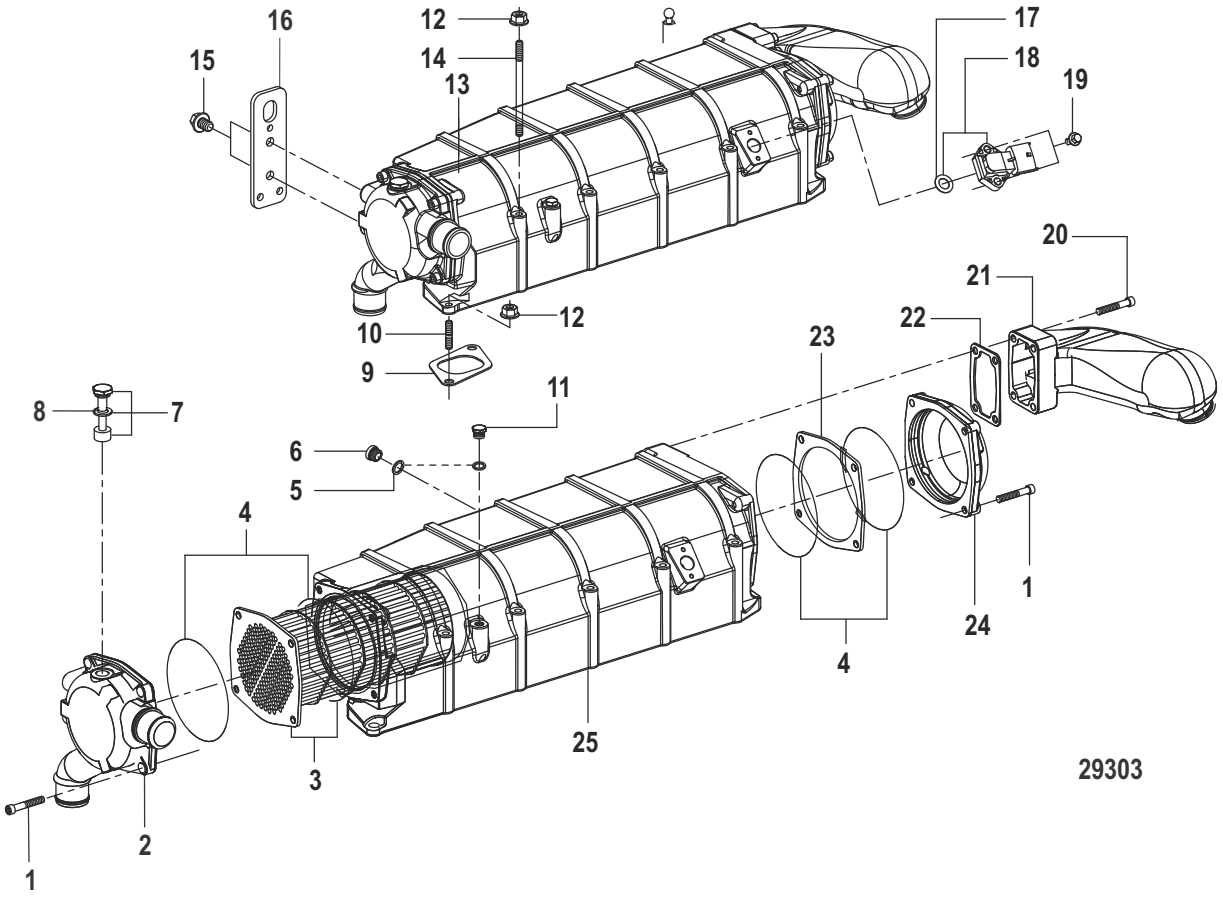


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Turbocharger and Air Filter Assembly

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0032	889883	PIPE Oil		1	
2	0027	896332155	GASKET		1	
3	0010	898101555	SCREW		4	
4	0016	801333451	STUD (M8 x 90)		2	
5	0011	898101542	NUT		7	
6	0035	889898001	CLEANER ASSEMBLY Air		1	
7	0035	898272048	ELEMENT Foam		1	
8	0027	879194137	GASKET		1	
9	0054	811435	CLAMP		2	
10	0032	811464	HOSE		1	
11	0000	889341	TURBOCHARGER		1	
12	0016	879194158	STUD		4	
13	0027	898101475	GASKET Turbo		1	
14	0025	811461	O-RING		2	
15	0000	889919	SPACER Oil Line		1	
16	0023	811466	SLEEVE		1	
17	0025	809963342	O-RING		1	
18	0022	801333464	FITTING		1	
19	0010	898101553	SCREW		1	
20	0054	811467	CLIP		1	
21	0032	896332161	HOSE		1	

Air Cooler

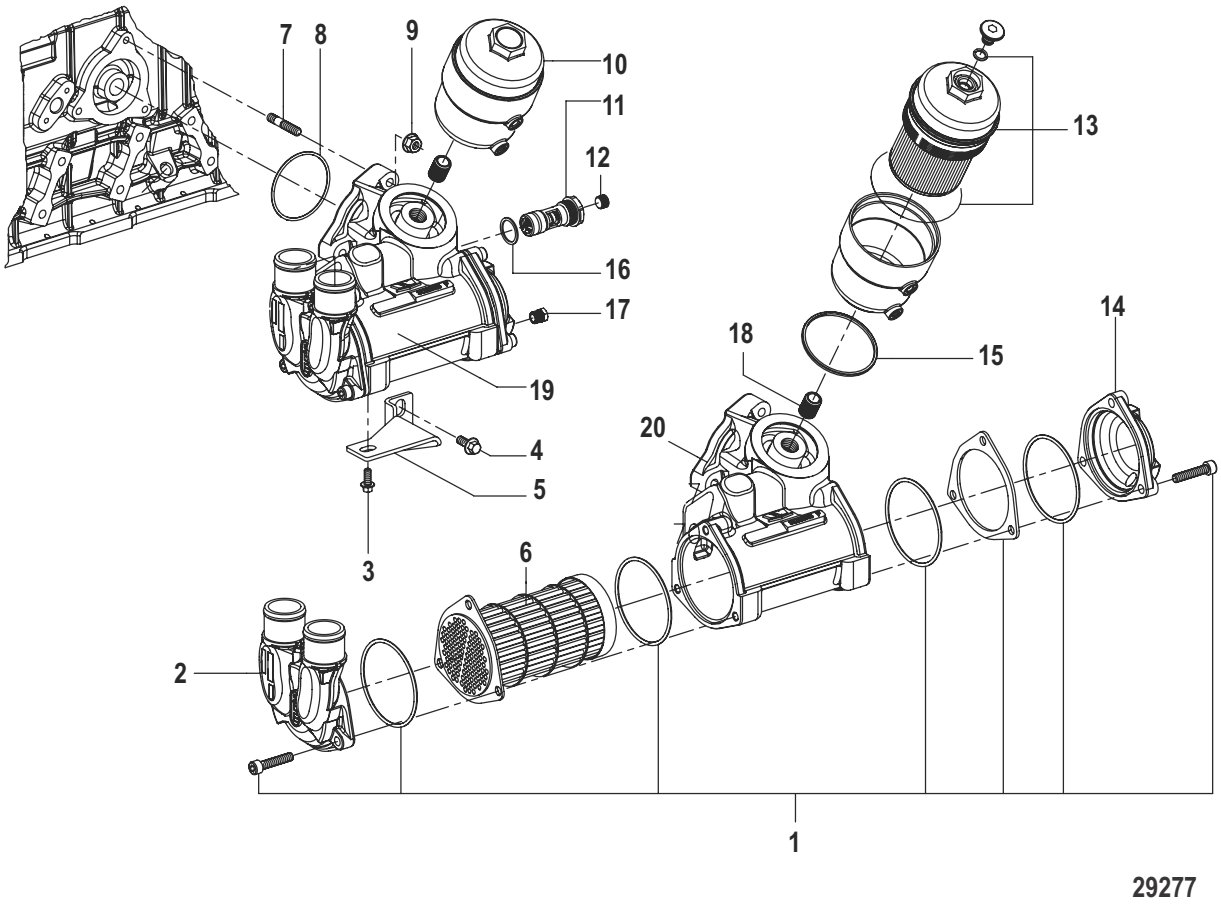

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Cat.# 90-898181002

Air Cooler

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0010	879172086	SCREW		8	
2	0000	879194118	COVER		1	
3	0000	898272013	ELEMENT		1	
4	0025	811485	O-RING		4	
5	0012	881791	WASHER		2	
6	0010	803607	PLUG Drain		1	
7	0010	811487	PLUG Anode Assembly		1	
8	0012	811483	WASHER		1	
9	0027	854101	GASKET Air Cooler		6	
10	0016	898101519	STUD		7	
11	0019	879194377	PLUG		1	
12	0011	898101542	NUT		12	
13	0000	898101492	HEAT EXCHANGER		1	
14	0016	898101521	STUD		5	
15	0010	898101561	SCREW		2	
16	0000	879194119	LIFTING EYE		1	
17	0012	896332116	WASHER		1	
18	0000	889870	SENSOR Map		1	
19	0010	898101550	SCREW		2	
NS	0012	879194430	WASHER		2	
20	0010	879194117	SCREW		4	
21	0000	854216001	HOUSING		1	
22	0027	854214001	GASKET Air Cooler		1	
23	0000	809726	PLATE		1	
24	0000	898272015	COVER		1	
25	0000	879194206	BODY Intercooler		1	

Oil Cooler and Filter Assembly

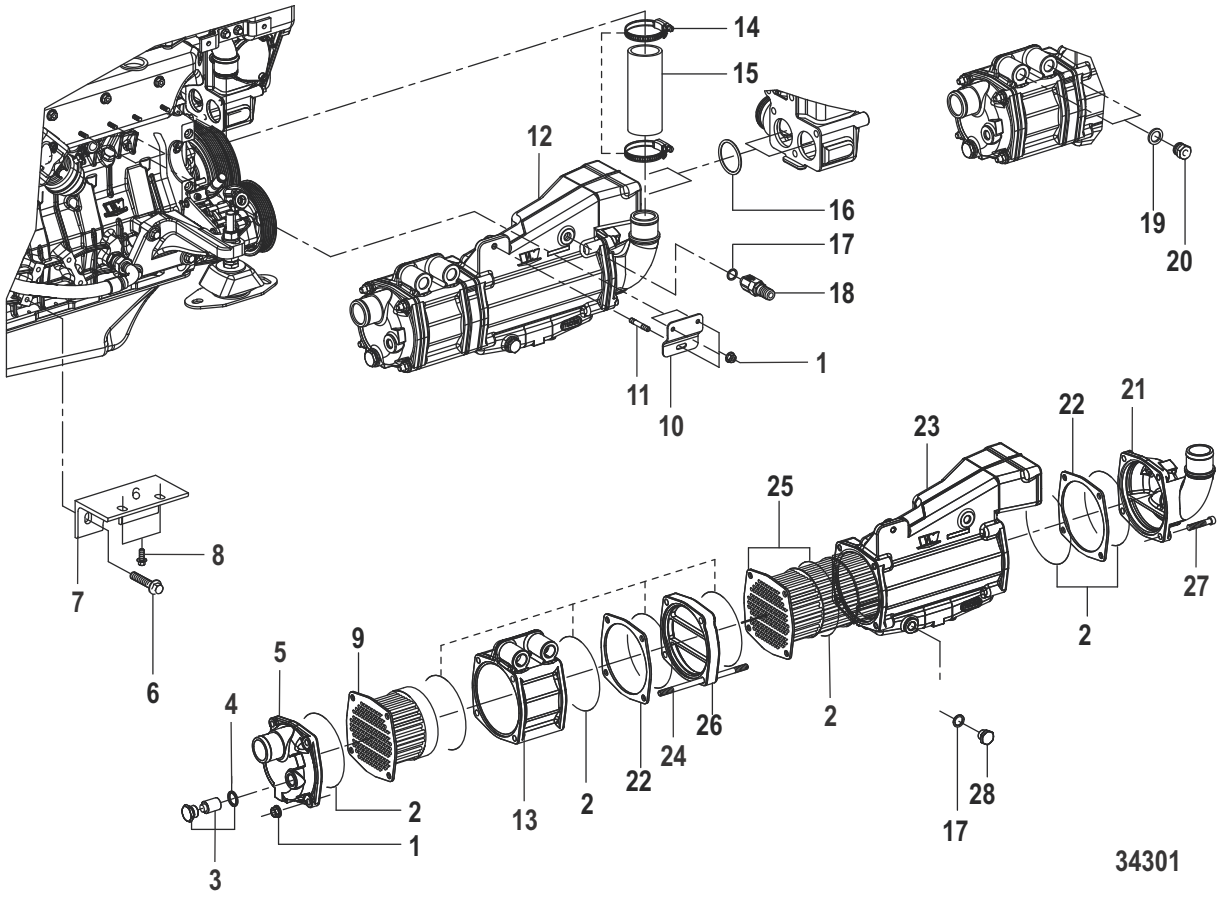


Cat.# 90-898181002

Oil Cooler and Filter Assembly

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	879194185	COOLER KIT Oil		1	
2	0000	879194155	COVER		1	
3	0010	898101553	SCREW		1	
4	0010	898101562	SCREW		1	
5	0000	898101436	BRACKET		1	
6	0000	879194214	TUBE NEST		1	
7	0016	898101513	STUD (M8 x 35)		3	
8	0025	801333412	O-RING		1	
9	0011	898101542	NUT		3	
10	0035	896315	FILTER Oil		1	
11	0020	896332095	THERMOSTAT VALVE		1	
12	0019	898101767	PLUG		1	
13	0035	895207	FILTER ELEMENT		1	
14	0000	896332080	COVER Back		1	
15	0025	896332076	O-RING		1	
16	0026	896332096	O-RING		1	
17	0000	896332097	PLUG		1	
18	0022	854153001	FITTING		1	
19	0000	898101491	HEAT EXCHANGER		1	
20	0000	879194191	BODY Exchanger		1	

Heat Exchanger

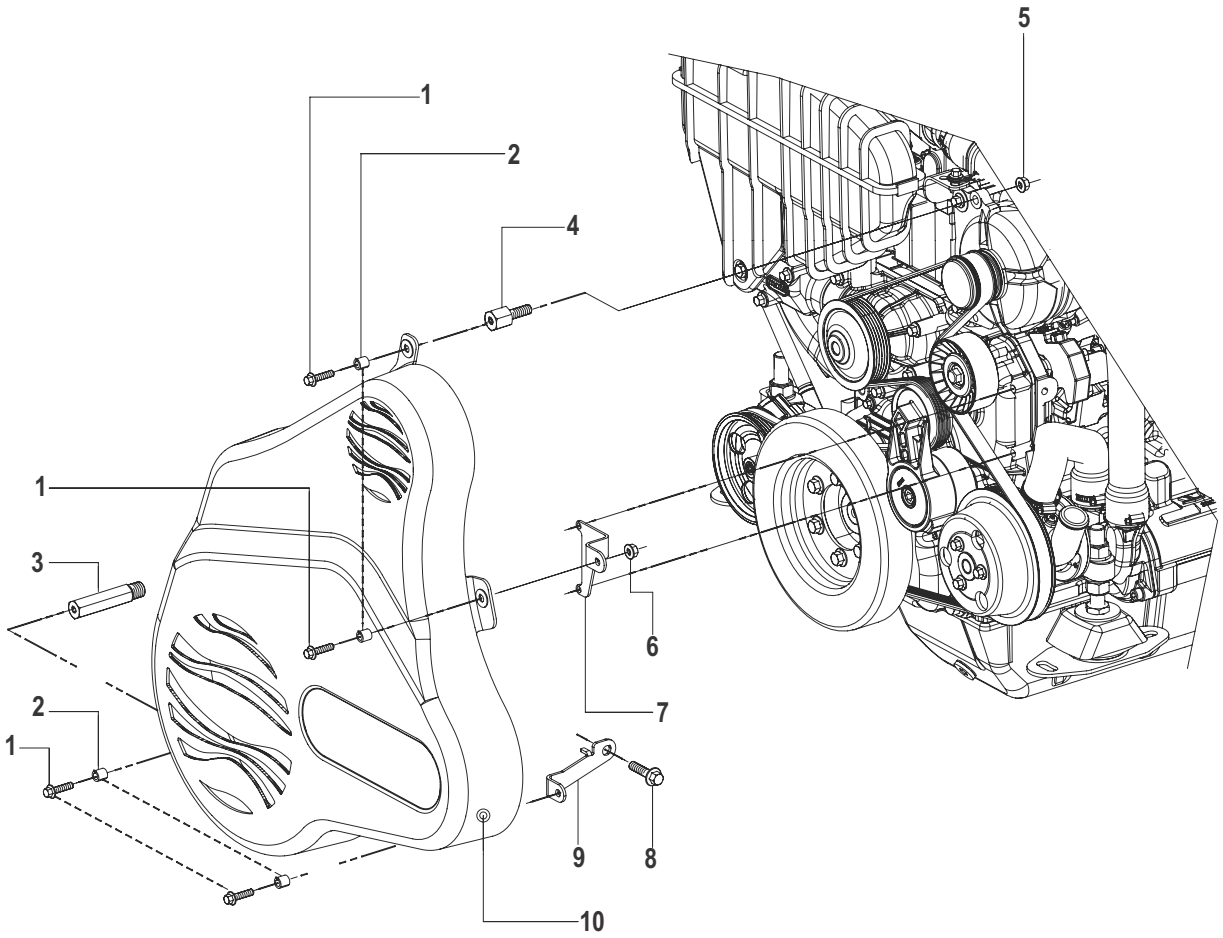


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Heat Exchanger

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0011	898101542	NUT		5	
2	0025	896332126	O-RING		8	
3	0097	879194217	ANODE ASSEMBLY		1	
4	0013	896332130	WASHER		1	
5	0000	8M0137544	COVER Heat Exchanger		1	
6	0010	898101565	SCREW		2	
7	0000	879194135	BRACKET		1	
8	0010	898101556	SCREW		2	
9	0000	896332128	CORE INSERT		1	
10	0000	898143	BRACKET		1	
11	0016	879194159	STUD		1	
12	0000	898101490	HEAT EXCHANGER		1	
13	0000	896332152	COOLER		1	
14	0054	896332085	CLAMP		2	
15	0032	896332109	HOSE		1	
16	0025	896332171	O-RING		2	
17	0012	809963201	WASHER		2	
18	0000	889152	VALVE Boiler		1	
19	0012	855516	WASHER Seal		2	
20	0019	879194160	PLUG		2	
21	0000	896332134	COVER Heat Exchanger		1	
22	0000	896332131	PLATE		2	
23		8M0137547	EXCHANGER BODY		1	
24	0016	896332129	STUD		4	
25	0000	8M0137545	CORE INSERT Core Insert		1	
26	0023	896332153	SPACER		1	
27	0010	879172086	SCREW		4	
28	0010	809919114	PLUG		1	

Drive Belt Cover Inboard

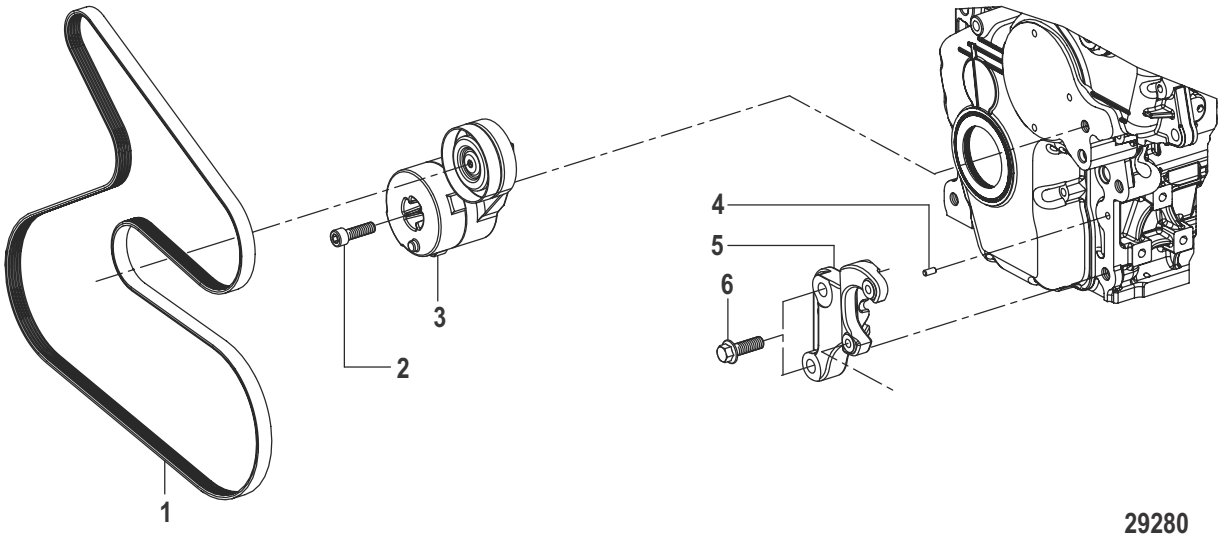


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Drive Belt Cover Inboard

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0010	879282	SCREW		4	
2	0023	879150075	SPACER		4	
3	0023	879150074	SPACER		1	
4	0023	879150077	SPACER		1	
5	0011	879275	NUT		1	
6	0011	879273	NUT		1	
7	0000	879150078	BRACKET		1	
8	0010	879150079	SCREW		1	
9	0000	879150080	BRACKET		1	
10	0000	879150081	BELT COVER		1	

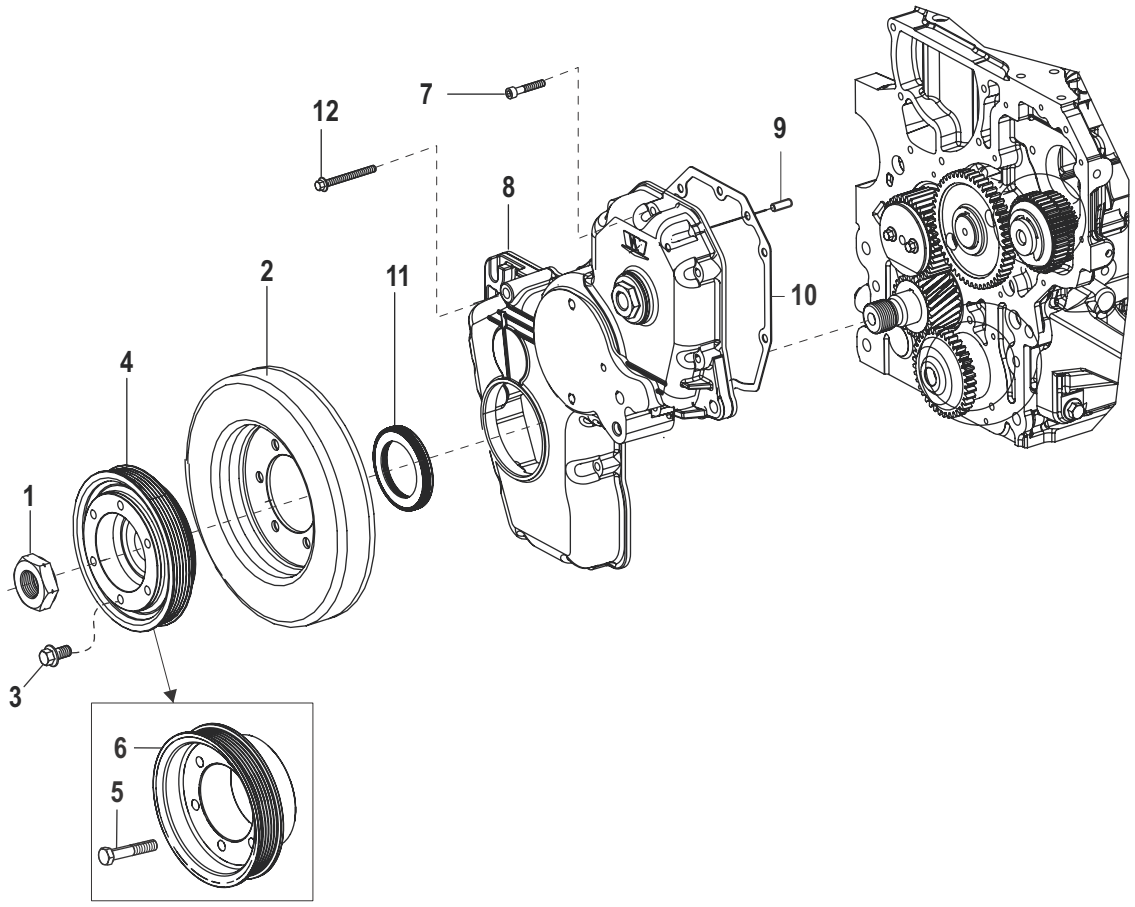

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Front Dress

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0057	898101579	BELT		1	
2	0010	898101522	BOLT (M12 x 70)		1	
3	0000	898101425	TENSIONER		1	
4	0017	898101539	PIN		1	
5	0000	898101432	BRACKET		1	
6	0010	898101570	SCREW		2	

Front Cover

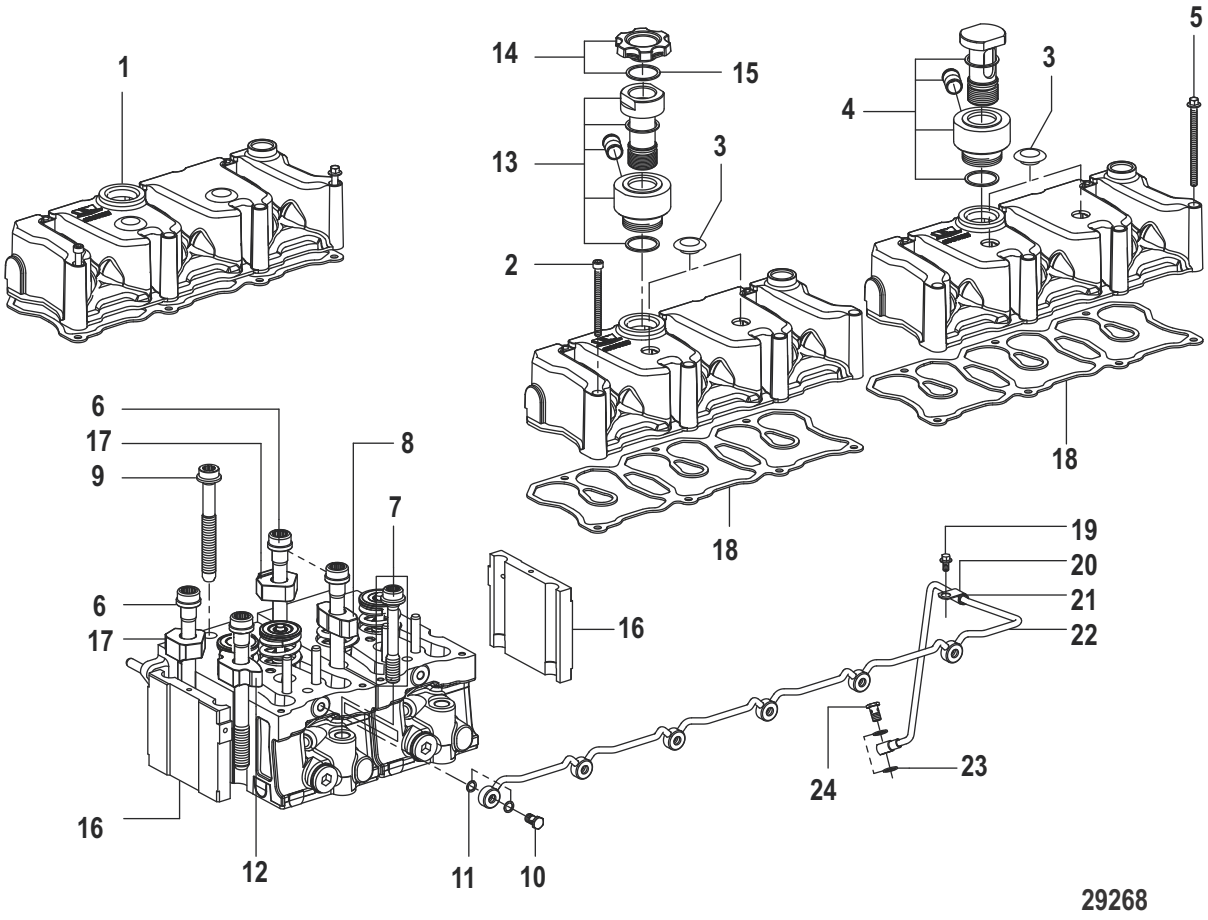


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Front Cover

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0011	898101470	NUT		1	
2	0000	898101489	DAMPER		1	
3	0010	898101562	SCREW	(Non-Axius)	6	
4	0000	898101441	PULLEY Crankshaft	(Non-Axius)	1	
5	0010	8M2016254	SCREW	(Axius Gen I)	6	
6	0000	879345T36	PULLEY Crankshaft	(Axius Gen I)	1	
7	0010	898101528	SCREW		13	
8	0000	898101410	COVER ASSEMBLY Front		1	
9	0017	801331212	PIN		2	
10	0027	854096001	GASKET		1	
11	0026	881789	SEAL Oil	Included with Front Cover	1	
12	0010	898101552	SCREW		1	

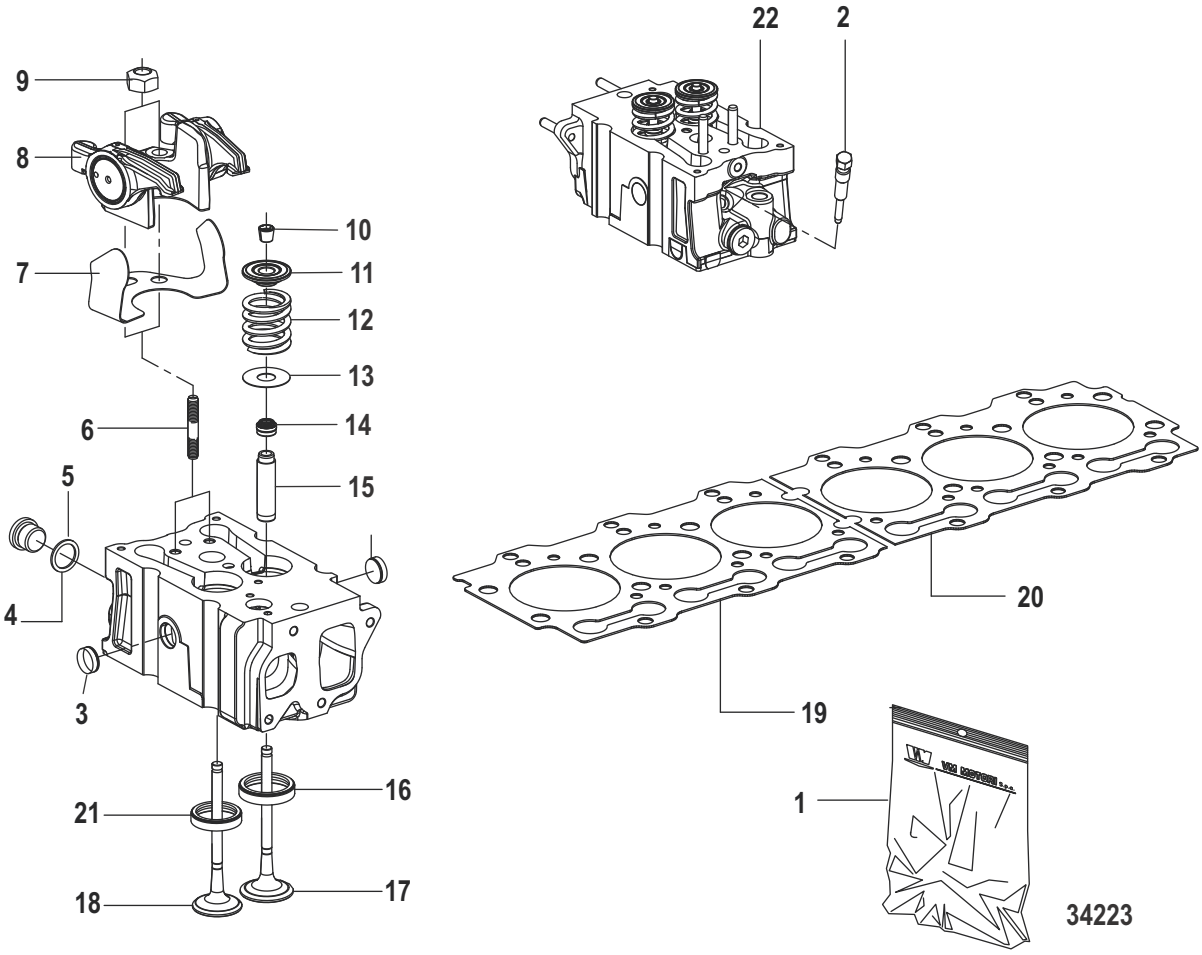
Rocker Cover



Cat.# 90-898181002

Rocker Cover

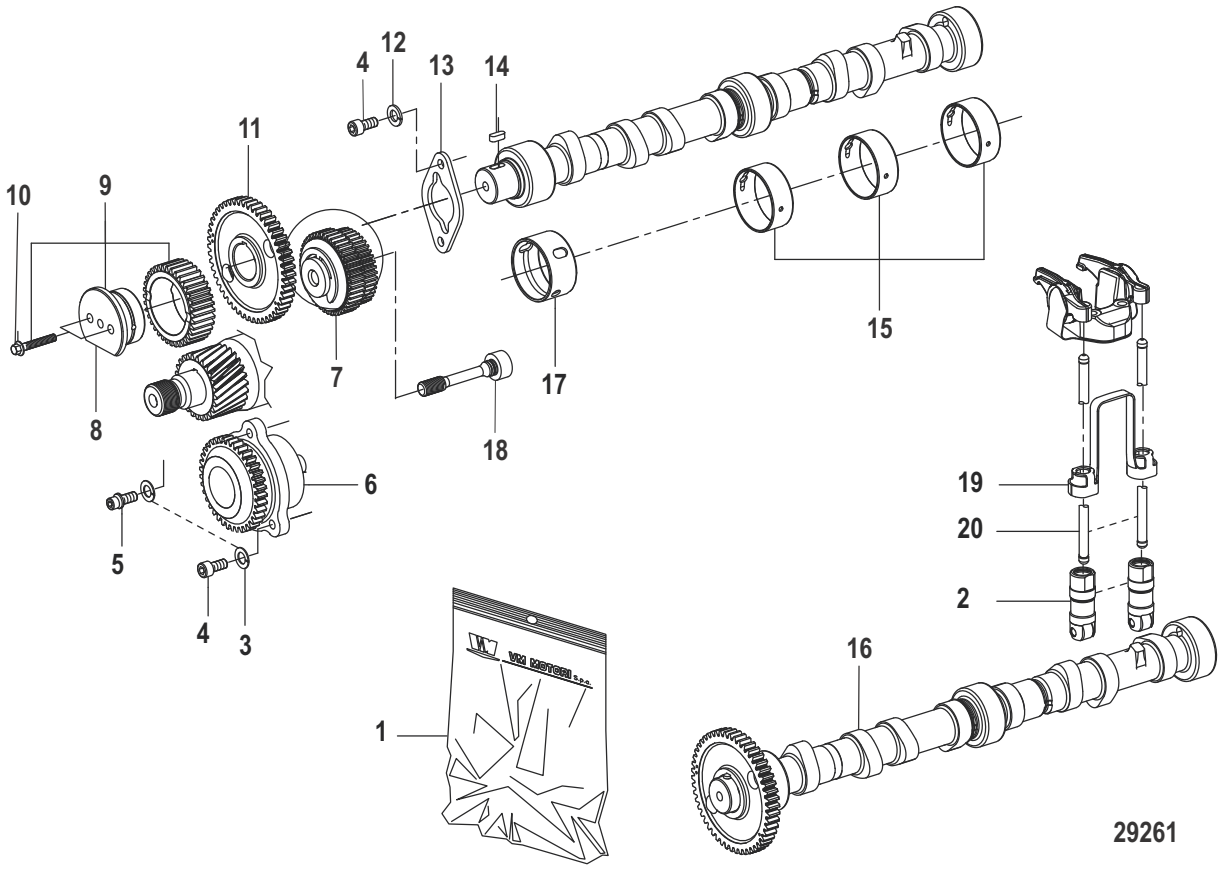
Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	879194124	COVER KIT Rocker Arm		2	
2	0010	898101530	SCREW		10	
3	0019	854051	PLUG Plastic		4	
4	0000	879194127	COUPLING KIT Oil Separator		1	
5	0010	898101474	SCREW		4	
6	0010	806685	BOLT (M14 x 149.5)		14	
7	0010	806686	BOLT (M12 x 94.5)		6	
8	0000	896332021	CLAMP Head		5	
9	0010	806687	BOLT (M12 x 127.5)		6	
10	0010	811394	BOLT Banjo		6	
11	0012	898272062	WASHER		12	
12	0000	896332020	BRIDGE Head, Front		2	
13	0000	898101422	COUPLING KIT		1	
14	0036	854048001	CAP Oil		1	
15	0027	854047	GASKET Oil Cap		1	
16	0023	881746	SPACER		2	
17	0000	898272035	BRIDGE		7	
18	0027	879148014	GASKET		2	
19	0010	898101546	SCREW		1	
20	0000	896332027	CLAMP Fixing		1	
21	0025	855459	SLEEVE Rubber		1	
22	0032	889856	LINE Oil		1	
23	0012	881791	WASHER		2	
24	0010	801333874	SCREW Banjo (M10)		1	


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Cylinder Head

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0019	879194175	PLUG KIT Head		6	
2	0019	854080	PLUG		1	
3	0019	889855	PLUG Expansion		2	
4	0025	809963342	O-RING		1	
5	0010	879148010	BOLT		1	
6	0016	898101520	STUD		12	
7	0000	854058T	BRACKET Rocker Arm		6	
8	0000	854057001	ROCKER ARM ASSEMBLY		6	
9	0011	896332019	NUT Rocker Arm		12	
10	0000	801331755	KEEPER		24	
11	0000	801331754	CAP		12	
12	0024	811388	SPRING		12	
13	0000	801331752	PLATE		12	
14	0026	854068	SEAL Valve		12	
15	0000	854070001	VALVE GUIDE (.10 mm)		12	
16		NSS	NOT SOLD SEPARATE SEAT,Intake Valve	Included with Cylinder Head	A/R	
17	0000	854073001	VALVE Intake		6	
18	0000	854074	VALVE Exhaust		6	
19	0027	898101478	GASKET (1.51 mm) Fronthead		1	
19	0027	898101477	GASKET (1.41 mm) Fronthead		1	
19	0027	898101479	GASKET (1.61 mm) Fronthead		1	
20	0027	898101481	GASKET (1.51 mm) Rearhead		1	
20	0027	898101480	GASKET (1.41 mm) Rearhead		1	
20	0027	898101482	GASKET (1.61 mm) Rearhead		1	
21		NSS	NOT SOLD SEPARATE SEAT,Exhaust Valve	Included with Cylinder Head	A/R	
22	0900	898101415	CYLINDER HEAD		6	


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Cat.# 90-898181002

Camshaft

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0023	879194173	BUSHING KIT Standard		1	
1	0023	879194174	BUSHING KIT (.25 mm)		1	
2	0000	854063	LIFTER Roller		12	
3	0012	879194140	WASHER		3	
4	0010	896332013	SCREW (M8 x 18)		4	
5	0010	811415	SCREW		1	
6	0000	854087001	PUMP Oil		1	
7	0000	898101417	PUMP ASSEMBLY Injection		1	
8	0000	879194205	SHAFT Idler		1	
9	0043	879194199	GEAR ASSEMBLY Driving		1	
10	0010	879194139	SCREW		2	
11	0043	898101445	GEAR Camshaft		1	
12	0012	879194141	WASHER		2	
13	0000	801331733	PLATE Guide		1	
14	0028	801331735	KEY		1	
15		NSS	NOT SOLD SEPARATE Thrust Bearing, (.25mm)		3	[1]
15	0023	855461	BUSHING Standard Thrust		3	[2]
16	2400	898101411	CAMSHAFT ASSEMBLY		1	
17		NSS	NOT SOLD SEPARATE Bushing		1	[3]
18	0010	879194126	SCREW		1	
19	0000	854066	BRACKET		6	
20	0000	854064	PUSH ROD		12	

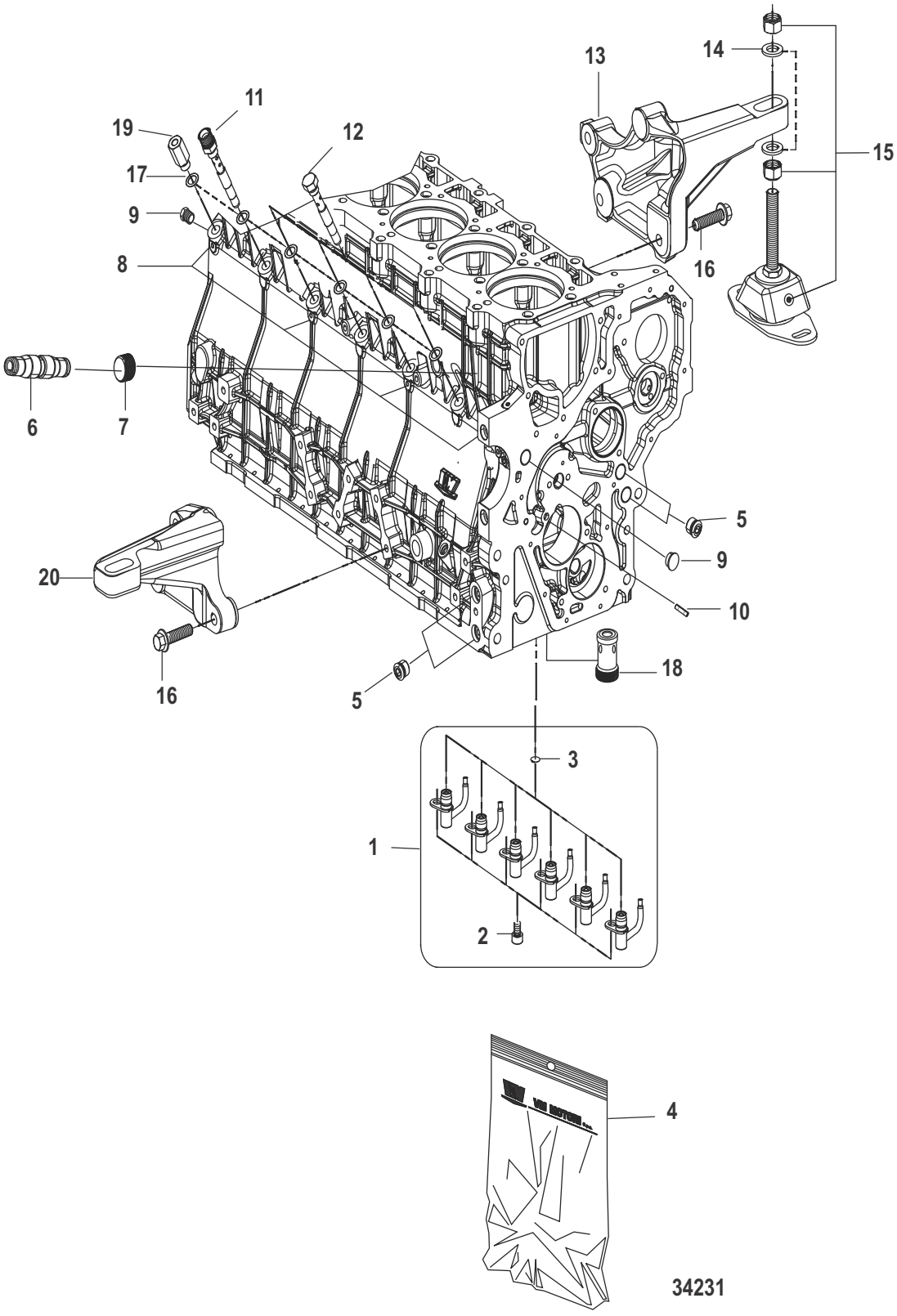
PART NOTES:

[1] - COMPONENT OF BUSHING KIT879194174

[2] - COMPONENT OF BUSHING KIT879194173

[3] - COMPONENT OF BUSHING KIT879194174
COMPONENT OF BUSHING KIT879194173

Cylinder Block

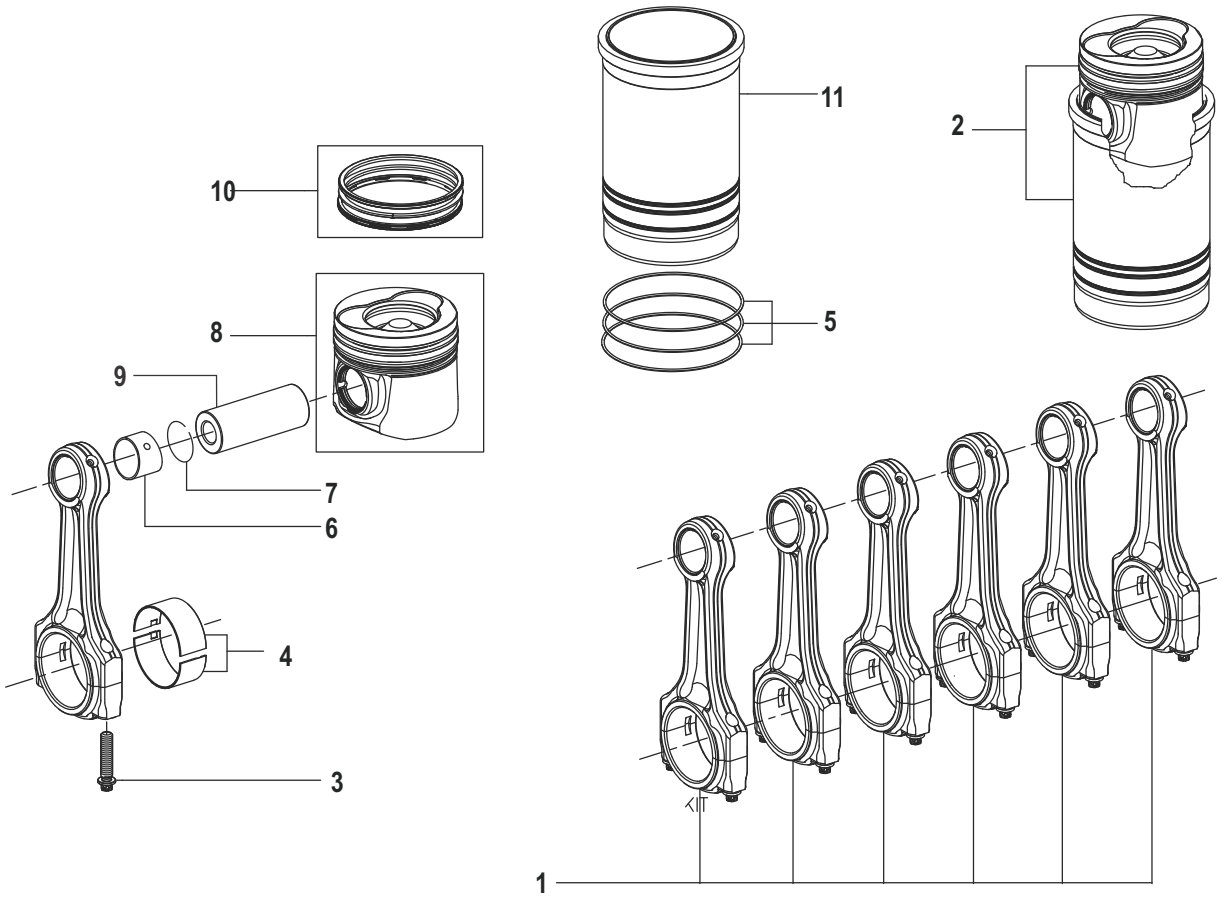


Cat.# 90-898181002

Cylinder Block

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	879194189	VALVE KIT Oil Jet		1	
2	0010	898101465	SCREW		6	
3	0025	896332120	O-RING		6	
4	0019	879194162	PLUG AND DOWEL KIT		1	
5	0019	898101767	PLUG		5	
6		NSS	NOT SOLD SEPARATE Drain Plug		1	
7	0022	801331684	FITTING Drain		1	
8	0010	811431	SET SCREW (M6 x 3)		AR	
9	0019	801331602	PLUG		2	
10	0017	896332121	PIN Taper		1	
11	0010	801331651	SCREW		1	
12	0010	801331650	SCREW		3	
13	0000	898101437	BRACKET		1	
14	0012	898101770	WASHER		4	
15	0000	855381	MOUNT Engine		2	
16	0010	898101566	SCREW		6	
17	0012	889153	WASHER		6	
18	0000	854041	VALVE		1	
19	0022	855463	ADAPTER		1	
20	0000	898101438	BRACKET		1	

Connecting Rod and Piston Design-I

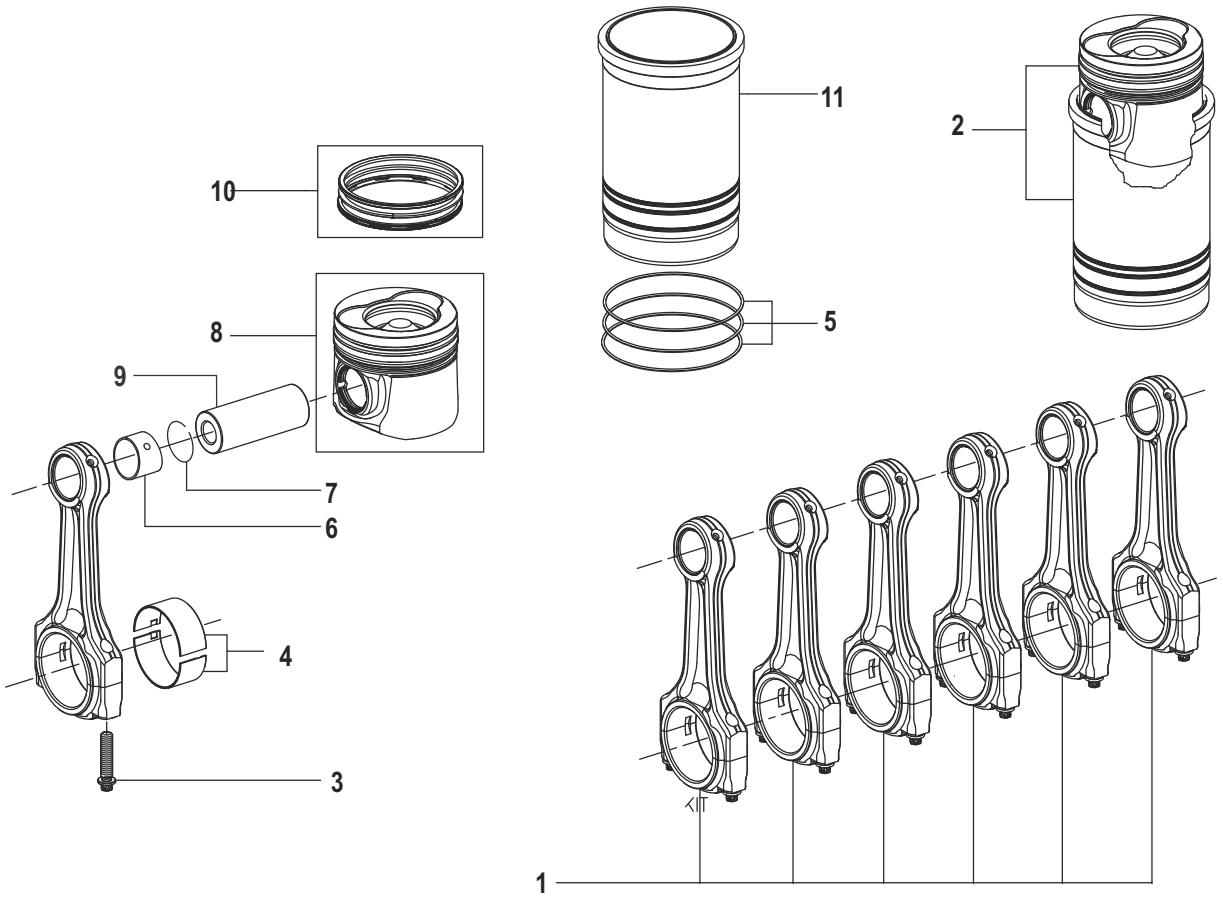


Cat.# 90-898181002

Connecting Rod and Piston Design-I

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0641	889860	CONNECTING ROD ASSEMBLY		1	
2	0051	891726	LINER KIT Cylinder	Inboard, 270 Hp [88400049] & Below	6	
2	0051	891726	LINER KIT Cylinder	Inboard, 320 Hp [88405015] & Below	6	
2	0051	891726	LINER KIT Cylinder	Inboard, 350 Hp [88416030] & Below	6	
2	0051	891726	LINER KIT Cylinder	Sterndrive, 270 Hp [88401073] & Below	6	
2	0051	891726	LINER KIT Cylinder	Sterndrive, 320 Hp [88406396] & Below	6	
2	0051	891726	LINER KIT Cylinder	Sterndrive, 350 Hp [88417000] & Below	6	
3	0010	889861	BOLT		12	
4	0023	879194125	BEARING ASSEMBLY (.25 mm)		6	
4	0031	898101414	BEARING ASSEMBLY Standard		6	
5	0025	879194172	O-RING SET		6	
6	0023	898101464	BUSHING Piston		6	
7		NSS	NOT SOLD SEPARATE RING		12	
8	0795	891727001	PISTON ASSEMBLY With Rings and Pin	Inboard, 270 Hp [88400049] & Below	6	
8	0795	891727001	PISTON ASSEMBLY With Rings and Pin	Inboard, 320 Hp [88405015] & Below	6	
8	0795	891727001	PISTON ASSEMBLY With Rings and Pin	Inboard, 350 Hp [88416030] & Below	6	
8	0795	891727001	PISTON ASSEMBLY With Rings and Pin	Sterndrive, 270 Hp [88401073] & Below	6	
8	0795	891727001	PISTON ASSEMBLY With Rings and Pin	Sterndrive, 320 Hp [88406396] & Below	6	
8	0795	891727001	PISTON ASSEMBLY With Rings and Pin	Sterndrive, 350 Hp [88417000] & Below	6	
9		NSS	NOT SOLD SEPARATE PIN, Piston		6	
10	0039	898101412	RING SET Piston	Inboard, 270 Hp [88400049] & Below	6	
10	0039	898101412	RING SET Piston	Inboard, 320 Hp [88405015] & Below	6	
10	0039	898101412	RING SET Piston	Inboard, 350 Hp [88416030] & Below	6	
10	0039	898101412	RING SET Piston	Sterndrive, 270 Hp [88401073] & Below	6	
10	0039	898101412	RING SET Piston	Sterndrive, 320 Hp [88406396] & Below	6	
10	0039	898101412	RING SET Piston	Sterndrive, 350 Hp [884417000] & Below	6	
11	0051	889857	CYLINDER LINER		6	

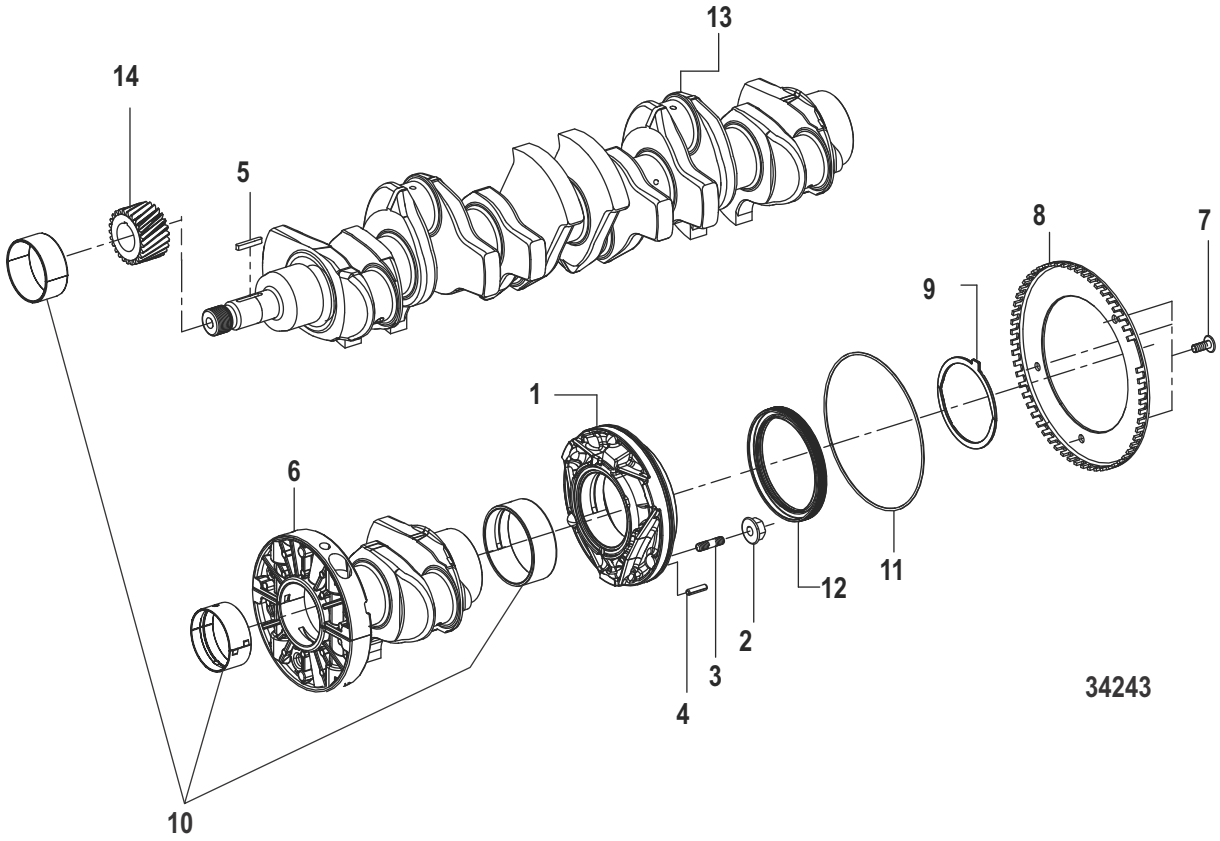
Connecting Rod and Piston Design-II



Cat.# 90-898181002

Connecting Rod and Piston Design-II

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0641	889860	CONNECTING ROD ASSEMBLY		1	
2	0051	879172216	LINER KIT Cylinder	Inboard, 270 Hp [88400050] & Up	6	
2	0051	879172216	LINER KIT Cylinder	Inboard, 320 Hp [88405016] & Up	6	
2	0051	879172216	LINER KIT Cylinder	Inboard, 350 Hp [88416031] & Up	6	
2	0051	879172216	LINER KIT Cylinder	Sterndrive, 270 Hp [88401074] & Up	6	
2	0051	879172216	LINER KIT Cylinder	Sterndrive, 320 Hp [88406397] & Up	6	
2	0051	879172216	LINER KIT Cylinder	Sterndrive, 350 Hp [88417001] & Up	6	
3	0010	889861	BOLT		12	
4	0023	879194125	BEARING ASSEMBLY (.25 mm)		6	
4	0031	898101414	BEARING ASSEMBLY Standard		6	
5	0025	879194172	O-RING SET		6	
6	0023	898101464	BUSHING Piston		6	
7		NSS	NOT SOLD SEPARATE RING		12	
8	0795	879150147	PISTON ASSEMBLY With Rings and Pin	Inboard, 270 Hp [88400050] & Up	6	
8	0795	879150147	PISTON ASSEMBLY With Rings and Pin	Inboard, 320 Hp [88405016] & Up	6	
8	0795	879150147	PISTON ASSEMBLY With Rings and Pin	Inboard, 350 Hp [88416031] & Up	6	
8	0795	879150147	PISTON ASSEMBLY With Rings and Pin	Sterndrive, 270 Hp [88401074] & Up	6	
8	0795	879150147	PISTON ASSEMBLY With Rings and Pin	Sterndrive, 320 Hp [88406397] & Up	6	
8	0795	879150147	PISTON ASSEMBLY With Rings and Pin	Sterndrive, 350 Hp [88417001] & Up	6	
9		NSS	NOT SOLD SEPARATE PIN, Piston		6	
10	0039	879288074	RING SET	Inboard, 270 Hp [88400050] & Up	6	
10	0039	879288074	RING SET	Inboard, 320 Hp [88405016] & Up	6	
10	0039	879288074	RING SET	Inboard, 350 Hp [88416031] & Up	6	
10	0039	879288074	RING SET	Sterndrive, 270 Hp [88401074] & Up	6	
10	0039	879288074	RING SET	Sterndrive, 320 Hp [88406397] & Up	6	
10	0039	879288074	RING SET	Sterndrive, 350 Hp [884417001] & Up	6	
11	0051	889857	CYLINDER LINER		6	

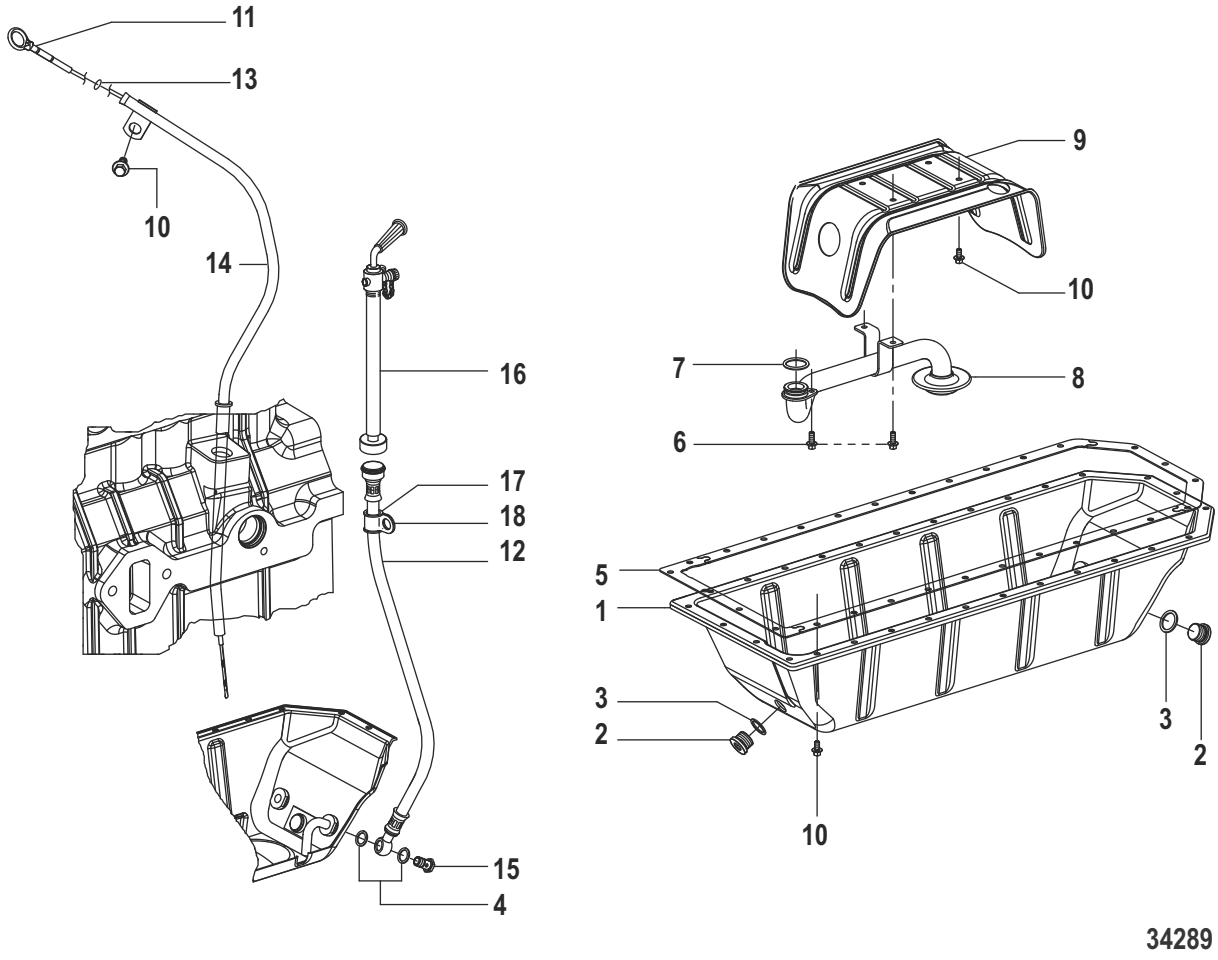

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Cat.# 90-898181002

Crankshaft

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	884011002	FLANGE ASSEMBLY	Without Bushing	1	
1	0000	884011001	FLANGE ASSEMBLY	With Bushing	1	
2	0011	898101542	NUT		6	
3	0016	898101517	STUD		6	
4	0017	896332037	PIN		1	
5	0028	898101538	KEY Crankshaft		1	
6	0000	811379001	FLANGE ASSEMBLY		5	
7	0010	898101523	BOLT (M6 x 15)		3	
8	0000	898101443	RING GEAR		1	
9	0023	884006	BEARING (.10 mm) Thrust		1	
9	0000	803621	BEARING Standard Thrust		1	
10	0023	879194167	BEARING SET Standard		1	
10	0023	879194168	BEARING SET (.25 mm)		1	
11	0025	884028001	O-RING		1	
12	0026	884027	SEAL		1	
13	0400	879194198	CRANKSHAFT		1	
14	0043	896332010	GEAR Crankshaft		1	

Oil Pan

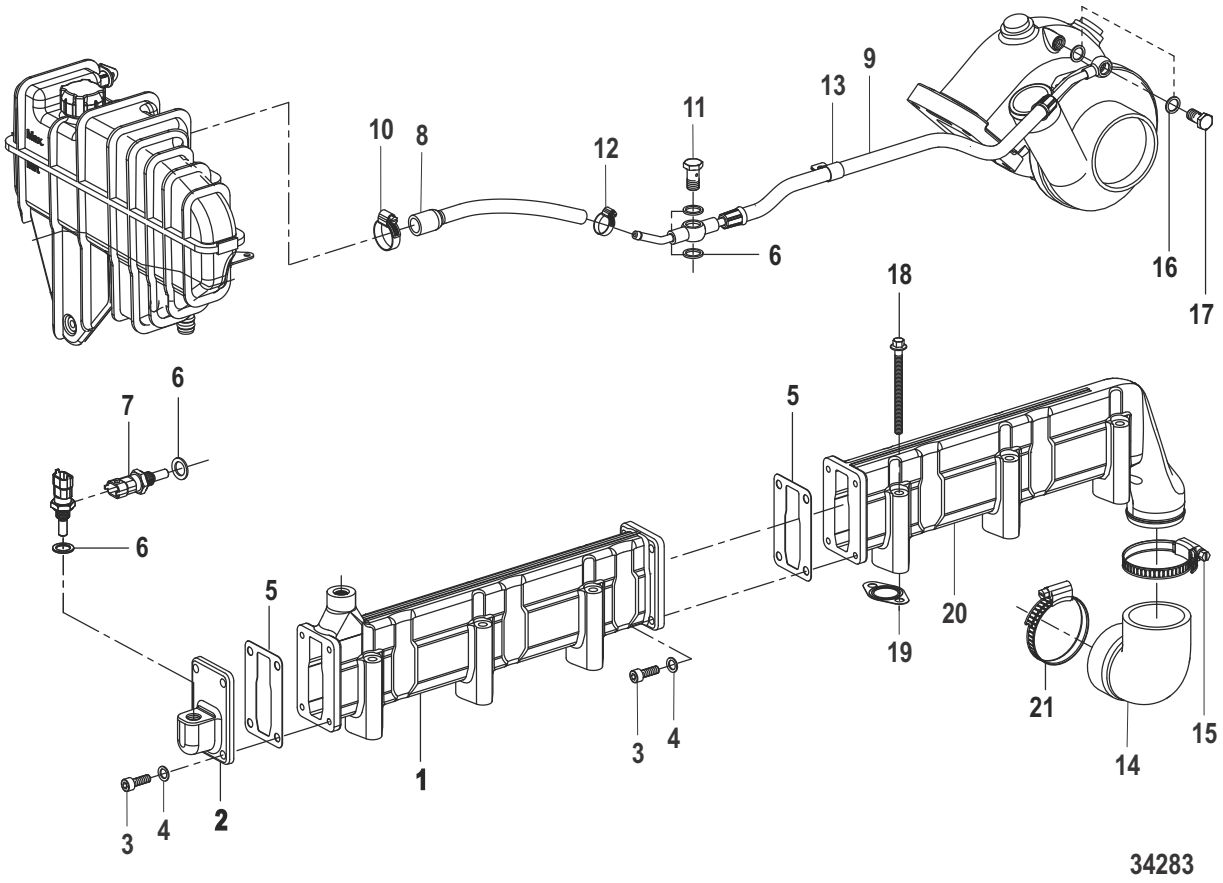


Cat.# 90-898181002

Oil Pan

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	898101418	SUMP ASSEMBLY Oil 4.2L		1	
2	0010	879194148	PLUG		2	
3	0012	809963354	WASHER		2	
4	0012	889153	WASHER		2	
5	0027	801331613	GASKET Oil Pan		1	
6	0010	898101550	SCREW		3	
7	0025	801333415	O-RING		1	
8	0000	816554	TUBE Oil		1	
9	0000	854112	DEFLECTOR Oil		1	
10	0010	898101549	SCREW		31	
11	0000	898101446	DIPSTICK Oil		1	
12	0032	896332185	DRAIN HOSE		1	
13	0000	855477001	O-RING		1	
14	0000	898101451	DIPSTICK TUBE		1	
15	0010	879194176	SCREW		1	
16	0000	896332186	PUMP		1	
17	0025	854052	SLEEVE		1	
18	0054	811467	CLIP		1	

Coolant Manifold Strip

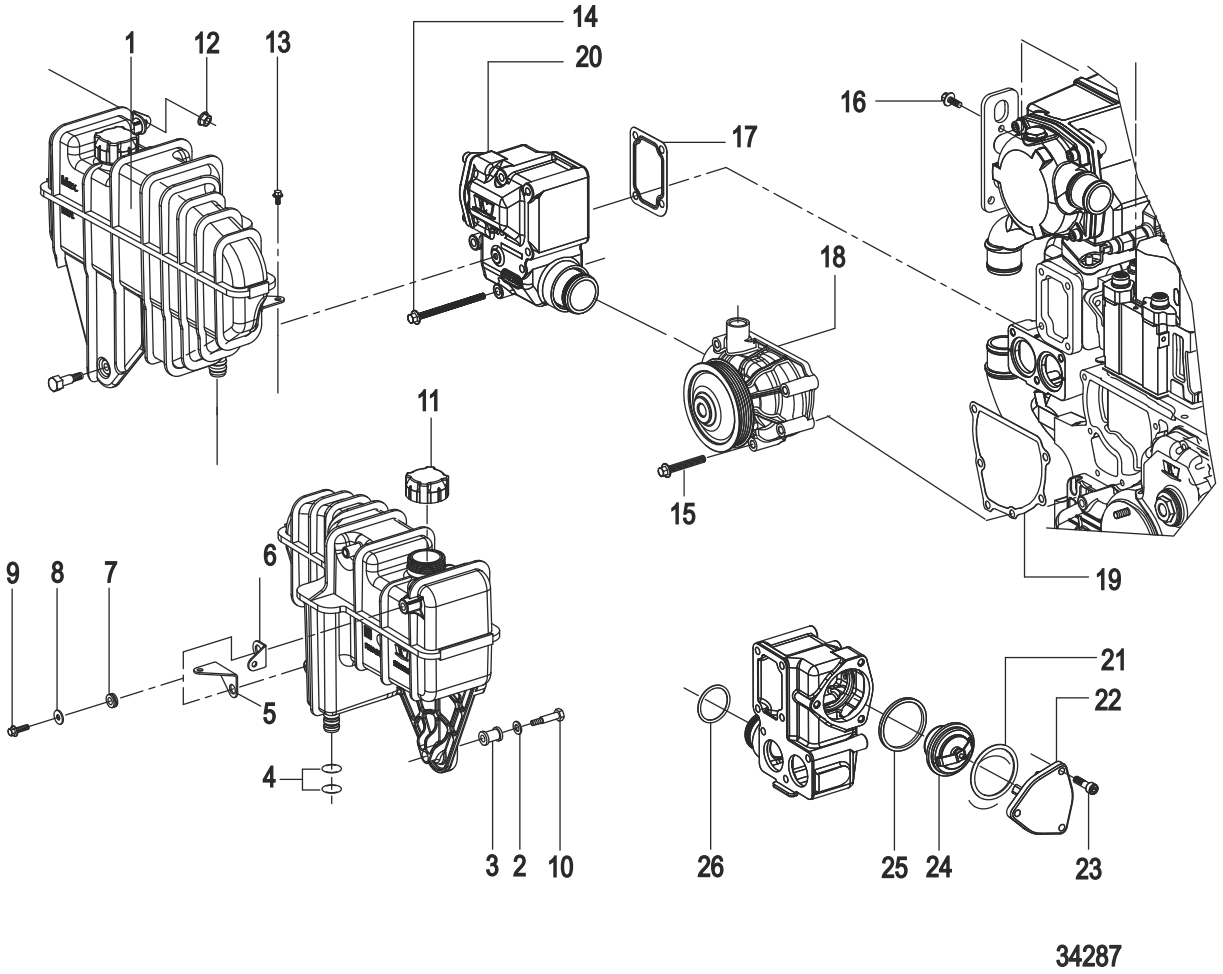


Cat.# 90-898181002

Coolant Manifold Strip

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	898101450	MANIFOLD Front		1	
2	0000	898101428	COVER		1	
3	0010	898101526	SCREW		8	
4	0012	879194114	WASHER		8	
5	0027	854171	GASKET		2	
6	0025	809963129	WASHER Seal		3	
7	0000	898101574	SENSOR Water Temp		1	
8	0032	898101459	PIPE		1	
9	0032	898101456	PIPE		1	
10	0054	854177001	CLAMP		1	
11	0010	811401001	SCREW		1	
12	0054	896332065	CLAMP Stainless		1	
13	0054	801333424	CLIP		1	
14	0032	854173	HOSE Water		1	
15	0054	801333457	CLAMP		1	
16	0012	881791	WASHER		2	
17	0010	801333874	SCREW Banjo (M10)		1	
18	0010	898101473	SCREW		12	
19	0027	884004	GASKET Exhaust		6	
20	0000	889889	STRIP Manifold		1	
21	0054	896332067	CLAMP		1	

Cooling System Components

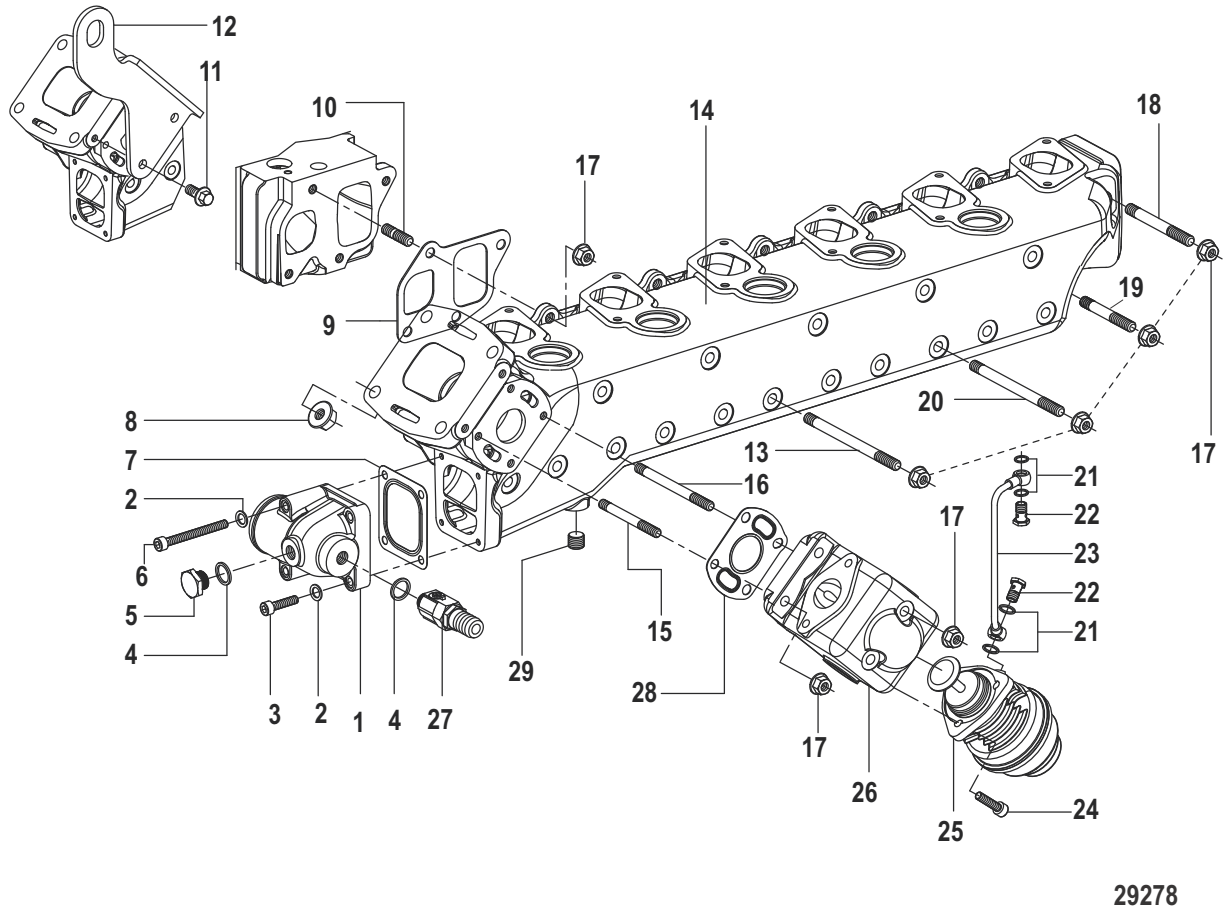


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Cooling System Components

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	879194190	TANK Expansion		1	
2	0012	896332140	WASHER		1	
3	0026	896332138	SEAL		1	
4	0025	896332151	O-RING		2	
5	0000	896332143	BRACKET		1	
6	0000	896332144	BRACKET		1	
7	0000	879194180	DAMPER Vibration		2	
8	0012	896332137	WASHER		2	
9	0010	898101551	SCREW		2	
10	0010	896332141	BOLT		1	
11	0019	879194161	CAP		1	
12	0011	898101542	NUT		1	
13	0010	898101546	SCREW		1	
14	0010	898101560	SCREW		7	
15	0010	898101558	SCREW		6	
16	0010	898101554	SCREW		1	
17	0027	898101484	GASKET		1	
18	0046	898101424	PUMP Water		1	
19	0027	896332179	GASKET		1	
20	0000	879194187	HOUSING, Thermostat		1	
21	0025	896332147	O-RING		1	
22	0000	896332150	PLATE		1	
23	0010	898101532	SCREW		3	
24	0000	879194215	VALVE Thermostat		1	
25	0025	8M0140542	O-RING		1	
26	0025	896332145	O-RING		2	

Exhaust Manifold

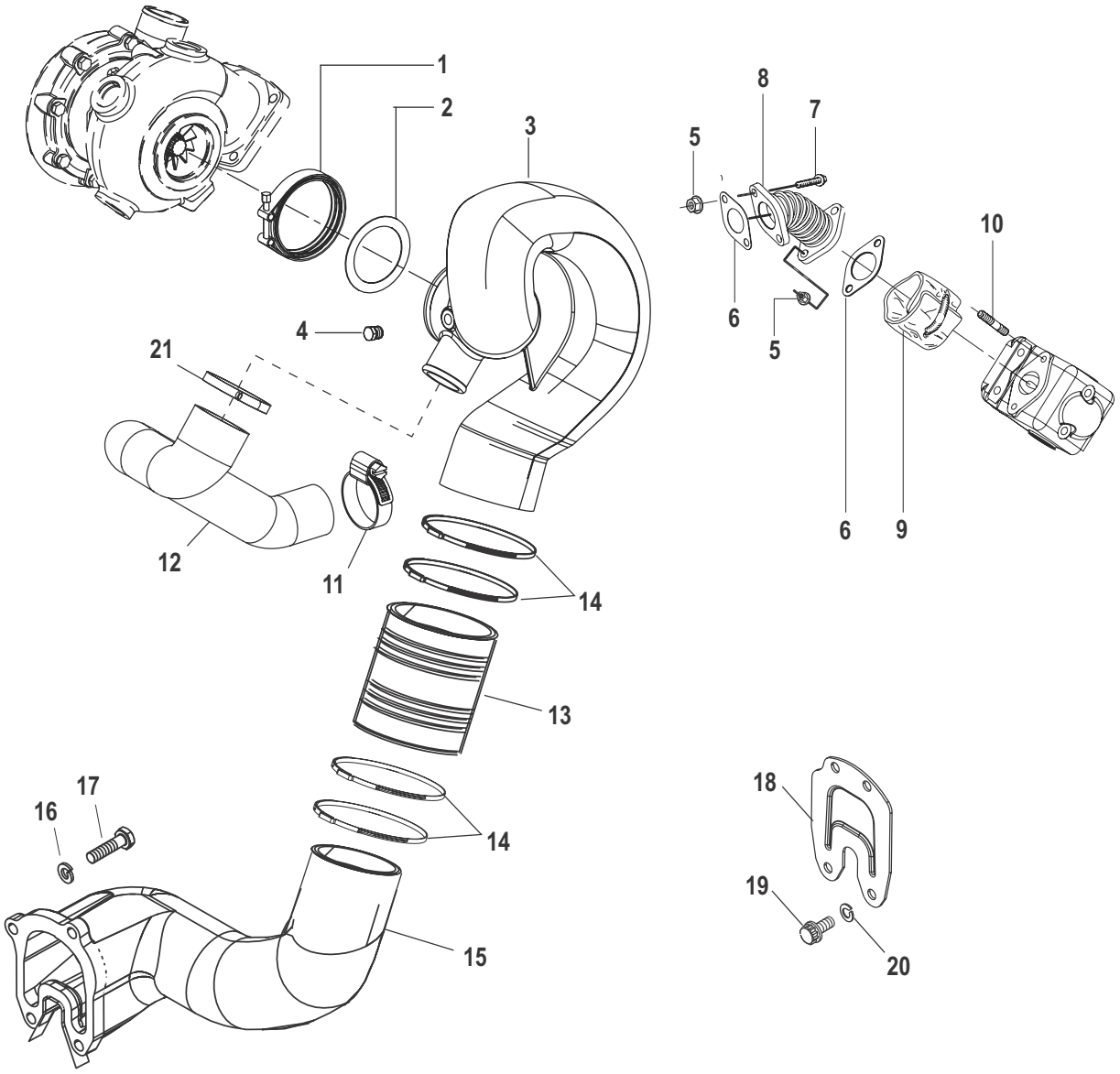


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Exhaust Manifold

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	889154	COVER		1	
2	0012	879194114	WASHER		4	
3	0010	879194156	SCREW		2	
4	0012	889153	WASHER		2	
5	0010	809919114	PLUG		1	
6	0010	898101529	SCREW		2	
7	0027	898101483	GASKET		1	
8	0011	898101544	NUT		4	
9	0027	854117	GASKET		6	
10	0016	898101517	STUD		6	
11	0010	898101555	SCREW		2	
12	0000	879194378	LIFTING EYE		1	
13	0016	801333448	STUD (M8 x 140)		3	
14	0000	898101447	MANIFOLD Exhaust		1	
15	0016	898101514	STUD (M8 x 28)		2	
16	0016	898101515	STUD		2	
17	0011	898101542	NUT		28	
18	0016	801333451	STUD (M8 x 90)		1	
19	0016	801763451	STUD (M8 x 70)		1	
20	0016	898101518	STUD		13	
21	0025	809963042	O-RING		4	
22	0010	801761165	BOLT Banjo (M8 x 1.00)		2	
23	0032	879194157	PIPE		1	
24	0010	898101525	SCREW		3	
25	0000	879194177	VALVE Waste Gate		1	
26	0000	898101426	VALVE ASSEMBLY		1	
27	0000	889152	VALVE Boiler		1	
28	0027	898101476	GASKET Wastegate		1	
29	0000	879150028	PLUG		1	

Exhaust Components Sterndrive - Design I

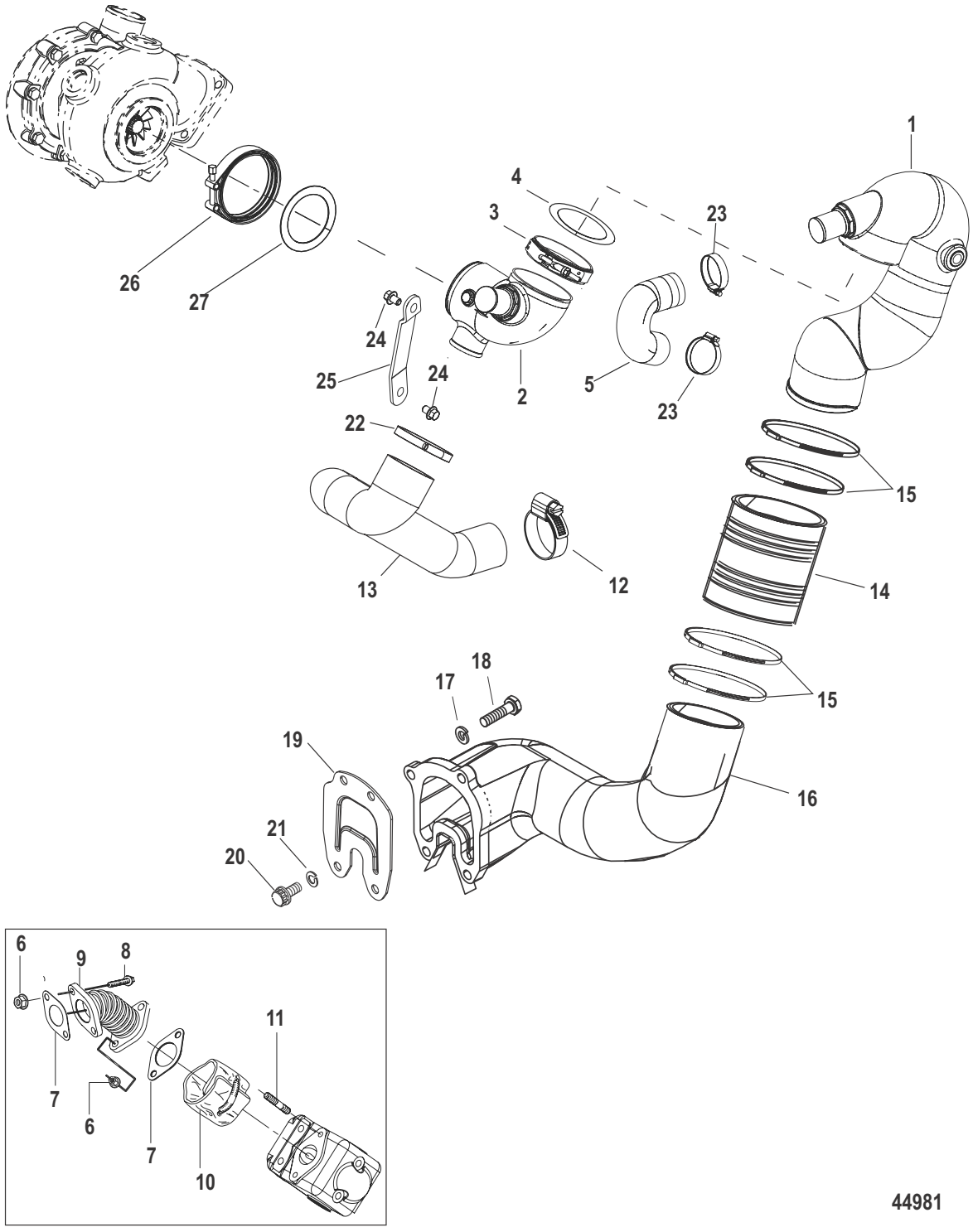


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Exhaust Components Sterndrive - Design I

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0054	896332164	CLAMP		1	
2	0027	817089	GASKET Exhaust		1	
3	0000	805265A1	ELBOW Exhaust		1	
4	0000	896332097	PLUG		1	
5	0011	898101542	NUT		7	
6	0027	879721	GASKET		2	
7	0010	898101555	SCREW		4	
8	0000	898101448	TUBE Flex		1	
9	0000	855483	BLANKET Flextube		1	
10	0016	898101517	STUD		2	
11	0054	896332085	CLAMP		2	
12	0032	898184	HOSE		1	
13	0032	44348T	TUBE		1	
14	0054	815504272	CLAMP Worm Gear		4	
15	0000	805013T1	PIPE		1	
16	0013	41471	LOCKWASHER (.375)		4	
17	0010	58640	SCREW (.375-16 x 1.25)		4	
18	0000	861776A2	PLATE KIT		1	
19	0010	98794	SCREW (.375-16 x 1.00)		4	
20	0013	41471	LOCKWASHER (.375)		4	
21	0054	896332067	CLAMP		1	

Exhaust Components Sterndrive - Design II

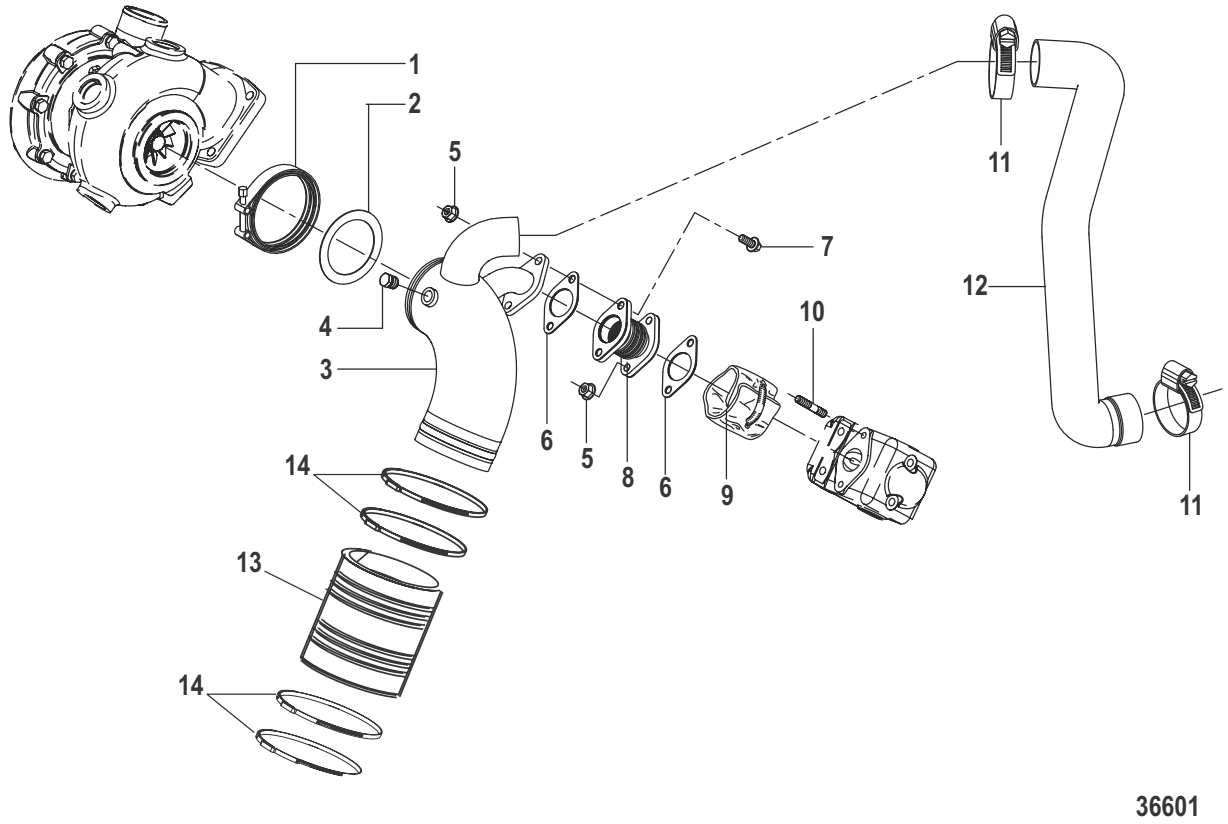


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Exhaust Components Sterndrive - Design II

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	8M0049970	ELBOW, EXHAUST		1	
2		NSS	NOT SOLD SEPARATE ORD 8M0049970		1	
3	0054	896332164	CLAMP		1	
4	0027	817089	GASKET Exhaust		1	
5	0032	8M0049966	HOSE		1	
6	0011	898101542	NUT		7	
7	0027	879721	GASKET		2	
8	0010	898101555	SCREW		4	
9	0000	898101448	TUBE Flex		1	
10	0000	855483	BLANKET Flextube		1	
11	0016	898101517	STUD		2	
12	0054	896332085	CLAMP		2	
13	0032	898184	HOSE		1	
14	0032	44348T	TUBE		1	
15	0054	815504272	CLAMP Worm Gear		4	
16	0000	805013T1	PIPE	[88408278] & Below	1	
16	0000	8M0064822	PIPE	[88408279] & Up	1	
17	0013	41471	LOCKWASHER (.375)		4	
18	0010	58640	SCREW (.375-16 x 1.25)	[88408278] & Below	4	
18	0010	8M2023352	SCREW (.375-16 x 1.63)	[88408279] & Up	4	
19	0000	861776A2	PLATE KIT		1	
20	0010	98794	SCREW (.375-16 x 1.00)		4	
21	0013	41471	LOCKWASHER (.375)		4	
22	0054	896332067	CLAMP		1	
23	0054	801333457	CLAMP		2	
24	0010	898101561	SCREW		2	
25	0000	8M0049969	BRACKET		1	
26	0054	896332164	CLAMP		1	
27	0027	817089	GASKET		1	

Exhaust Components Inboard

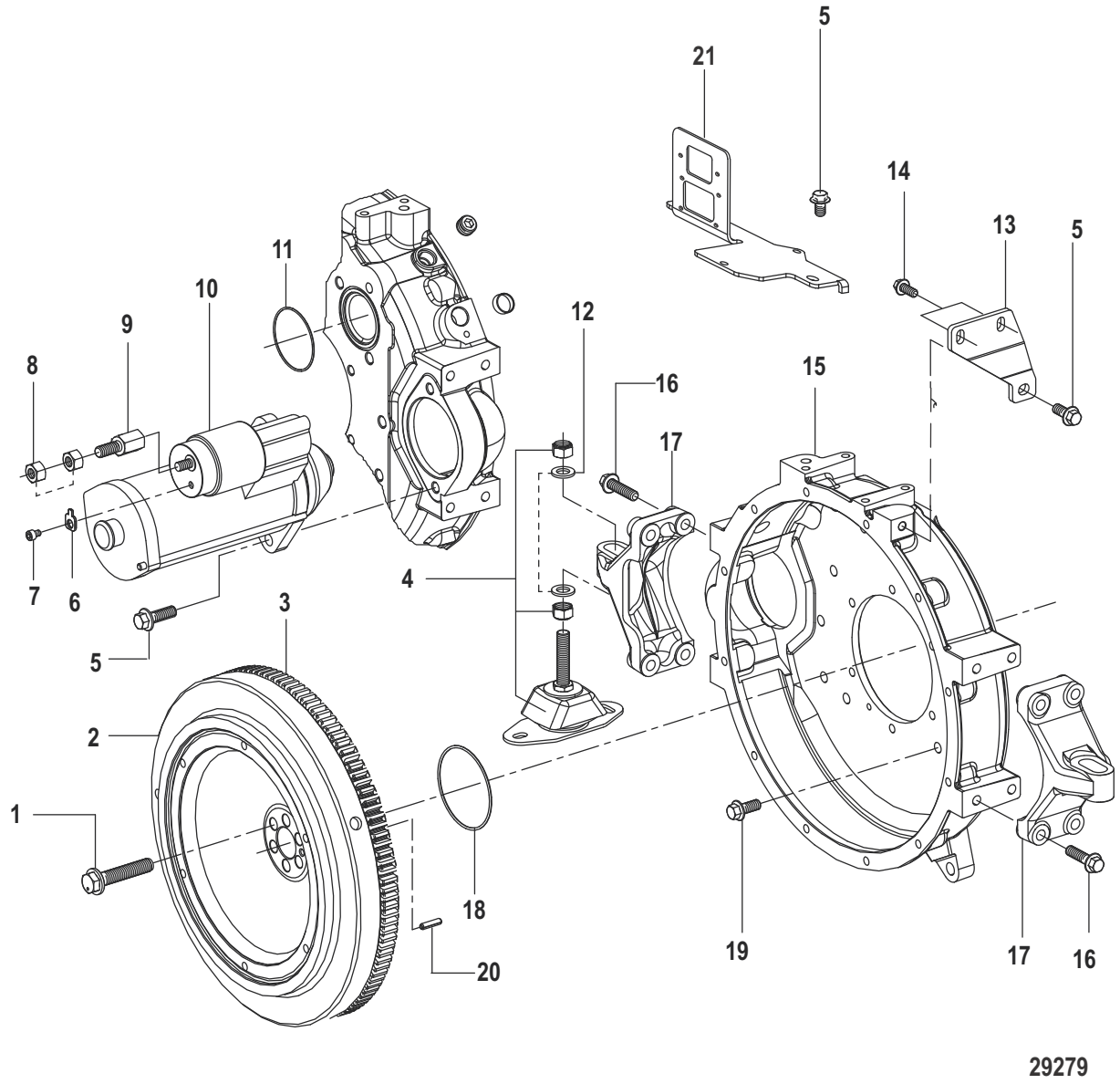


Cat.# 90-898181002

Exhaust Components Inboard

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0054	896332164	CLAMP		1	
2	0027	817089	GASKET Exhaust		1	
3	0000	803608	ELBOW 65 Degree Exhaust		1	
3	0000	803609001	ELBOW 33 Degree Exhaust		1	
4	0000	896332097	PLUG		1	
5	0011	898101542	NUT		7	
6	0027	879721	GASKET		2	
7	0010	898101555	SCREW		4	
8	0000	879172157	TUBE Flex		1	
9	0000	855483	BLANKET Flextube		1	
10	0016	898101517	STUD		2	
11	0054	896332085	CLAMP		2	
12	0032	896332166	HOSE		1	
13	0032	860602	TUBE Exhaust		1	
14	0054	815504272	CLAMP Worm Gear		4	

Flywheel Housing

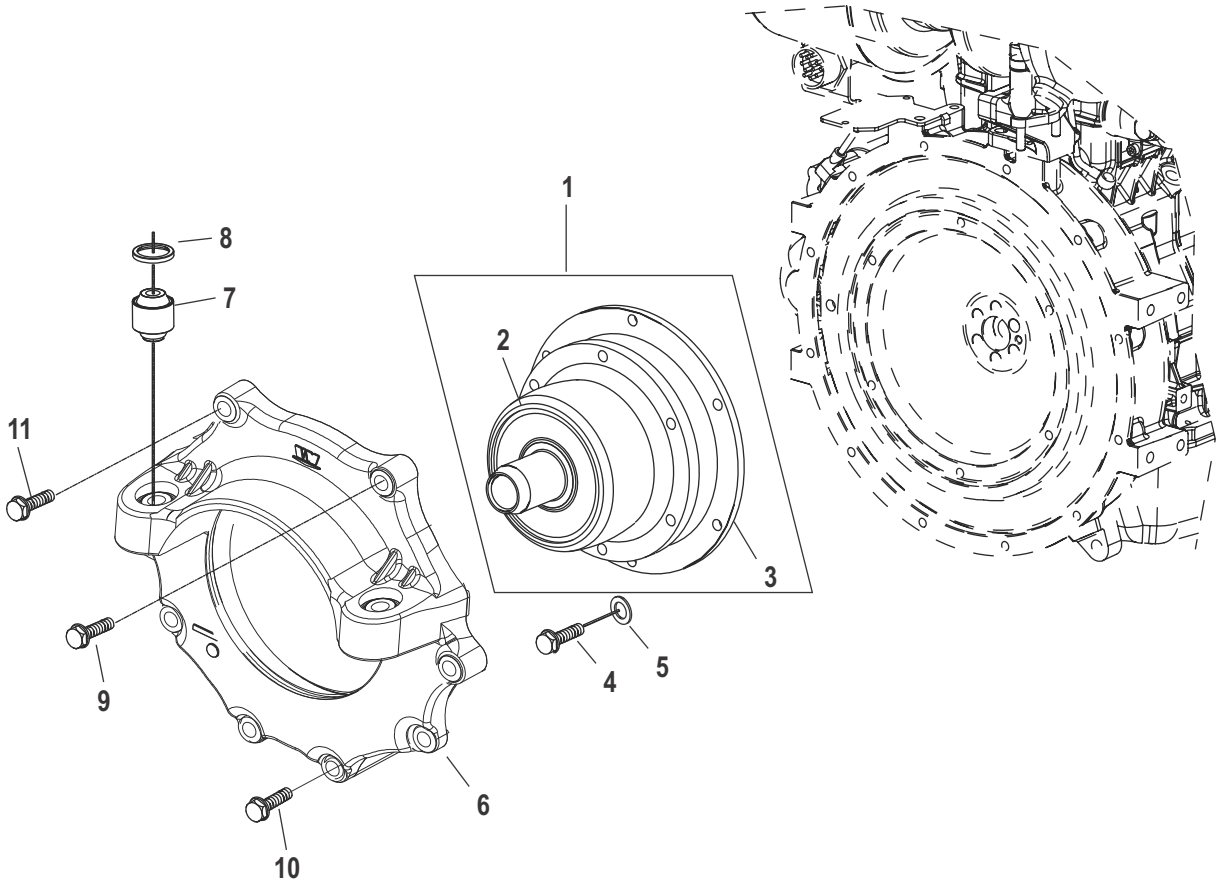


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Flywheel Housing

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0010	879711	SCREW		6	
2	0000	896332234	FLYWHEEL		1	
3	0000	896332235	RING GEAR		1	
4	0000	855454	ENGINE MOUNT		2	
5	0010	898101564	SCREW		3	
6	0000	896332201	FASTENER		1	
7	0010	896332197	SCREW		1	
8	0011	896332192	NUT		2	
9	0000	896332199	ADAPTER		1	
10	0000	896332191	STARTER MOTOR ASSEMBLY		1	
11	0000	896332240	O-RING		1	
12	0012	898101770	WASHER		4	
13	0000	879194133	BRACKET		1	
14	0010	898101555	SCREW		2	
15	0000	879150104	FLYWHEEL HOUSING	Sterndrive	1	
15	0200	879194178	FLYWHEEL HOUSING	Inboard	1	
16	0010	898101566	SCREW		8	
17	0000	896332035	BRACKET		2	
18	0025	884028	O-RING		1	
19	0010	898101563	SCREW		9	
20	0000	896332236	PIN		1	
21	0000	8M0084947	BRACKET		1	

Flywheel Housing Cover (Sterndrive)



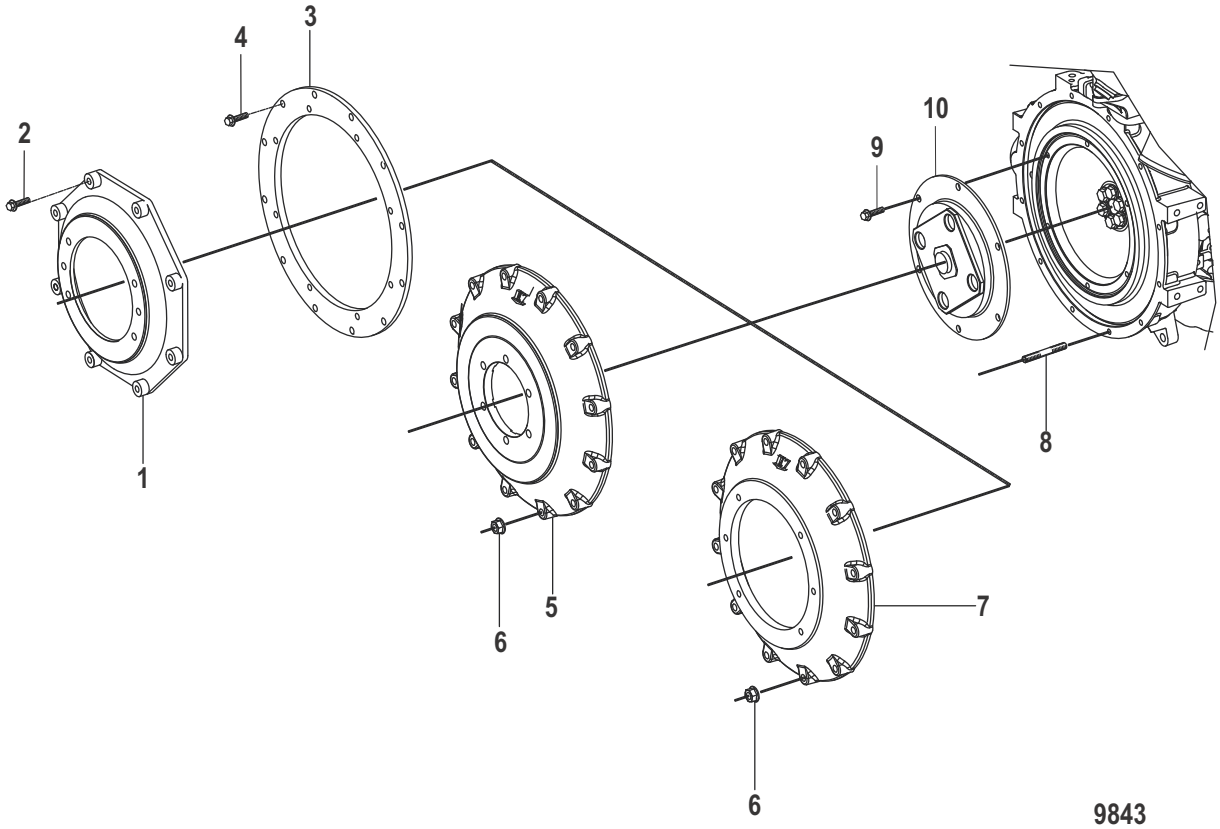
42523

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Flywheel Housing Cover (Sterndrive)

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	18311A9	COUPLING ASSEMBLY Complete		1	
2	0000	805684A2	COUPLING		1	
3	0000	805735T08	COUPLING ASSEMBLY 2-Stage		1	
4	0010	879150061	SCREW (M8x1.25x20)		6	
5	0012	879150060	LOCKWASHER		6	
6	0000	896332246	HOUSING ASSEMBLY		1	
7	0000	32832001	MOUNT	2.8L	2	
7	0000	865330A02	MOUNT KIT Rubber	4.2L	1	
8	0023	99322	SPACER		2	
9	0010	879150057	SCREW (M12x1.75x50)		3	
10	0010	879150056	SCREW (M10x1.5x120)		4	
11	0010	879150058	SCREW (M12x1.75x130)		1	

Flywheel Housing Cover (Inboard)

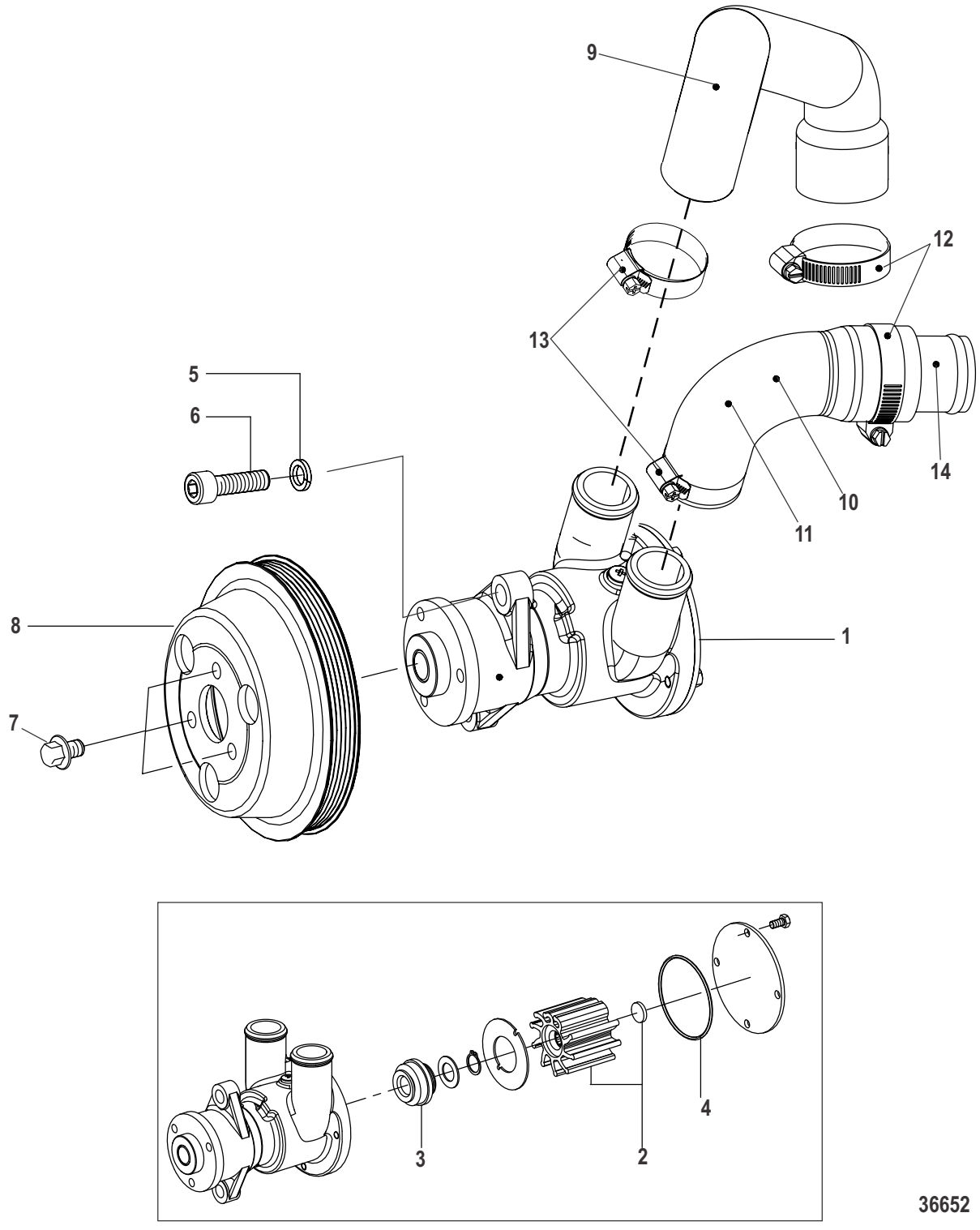


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Flywheel Housing Cover (Inboard)

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	881787	HOUSING Flywheel Housing (SAE5)	(ZF Transmission)	1	
2	0010	854044001	SCREW		8	
3	0000	896332205	ADAPTER PLATE (SAE5 to SAE4)		1	
4	0010	896332203	SCREW		12	
5	0000	896332204	COVER PLATE Flywheel Housing (SAE4)	(Technodrive)	1	
6	0011	854122001	NUT (M10)		12	
7	0000	896332202	COVER PLATE Flywheel Housing (SAE4)	(ZF Transmission) All Except Albemarle 290 XF	1	
7	0000	8M6002130	HOUSING	Albemarle 290 XF	1	
8	0016	855471	STUD (M10 x 20)		12	
9	0010	854155001	SCREW	All Except Albemarle 290 XF	6	
9	0010	40001192	SCREW (M10 x 25)	Albemarle 290 XF	6	
10	0000	803610	DRIVEPLATE ASSEMBLY	All Except Albemarle 290 XF	1	
10	0000	8M6002138	DRIVEPLATE ASSEMBLY	Albemarle 290 XF	1	

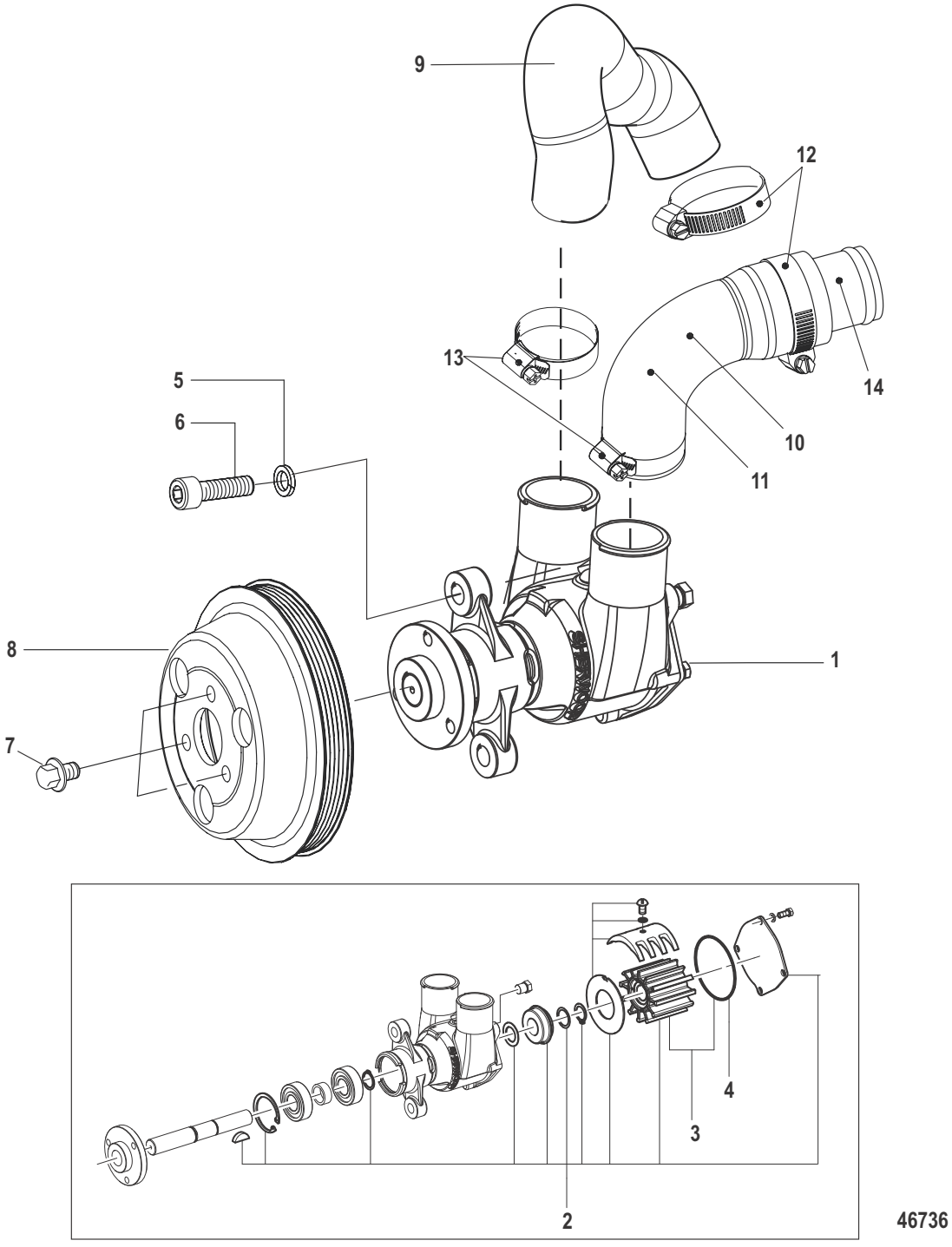
Water Pump Jabsco



Cat.# 90-898181002

Water Pump Jabsco

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0046	898101501	PUMP Seawater		1	
2	0047	879194186	IMPELLER KIT		1	
3	0026	879194179	SEAL Mechanical		1	
4	0025	896332059	O-RING		1	
5	0012	879194123	WASHER		2	
6	0010	898101534	SCREW		2	
7	0010	898101553	SCREW		3	
8	0000	898101442	PULLEY		1	
9	0032	879194150	PIPE		1	
10	0032	8M0092403	HOSE		1	
11	0024	896332093	SPRING		1	
12	0054	896332085	CLAMP		2	
13	0054	896332084	CLAMP		2	
14	0032	896332092	HOSE		1	

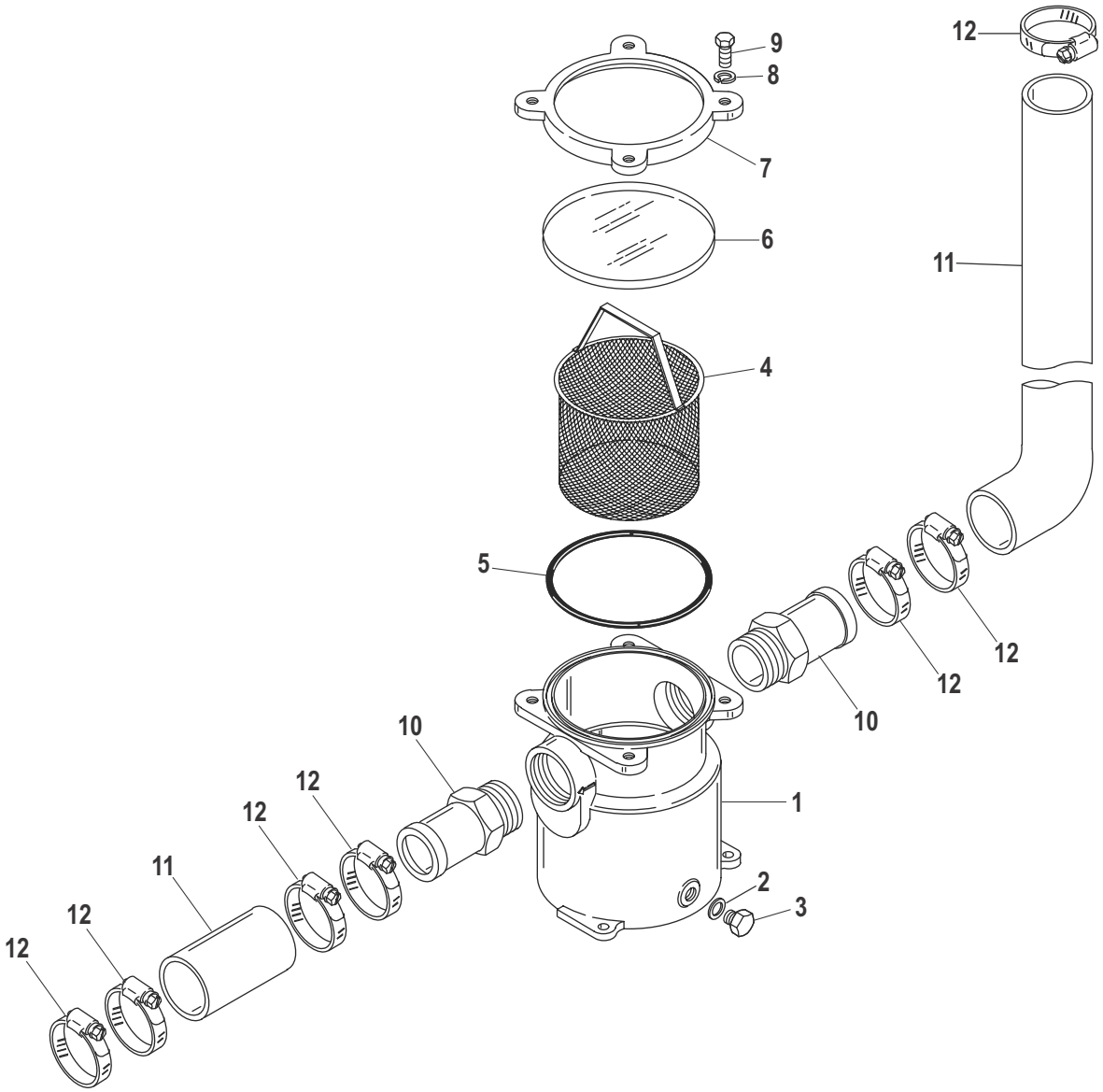

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Water Pump Sherwood

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	897345016	PUMP			
2	0000	8M0056957	REPAIR KIT Water Pump		1	
3	0000	8M0056956	IMPELLER		1	
4	0025	879312026	SEAL		1	
5	0012	879194123	WASHER		2	
6	0010	898101534	SCREW		2	
7	0010	898101553	SCREW		3	
8	0000	898101442	PULLEY		1	
9	0032	897345017	HOSE		1	
10	0032	8M0092403	HOSE		1	
11	0024	896332093	SPRING		1	
12	0054	896332085	CLAMP		2	
13	0054	896332084	CLAMP		2	
14	0032	896332092	HOSE		1	

Seawater Filter



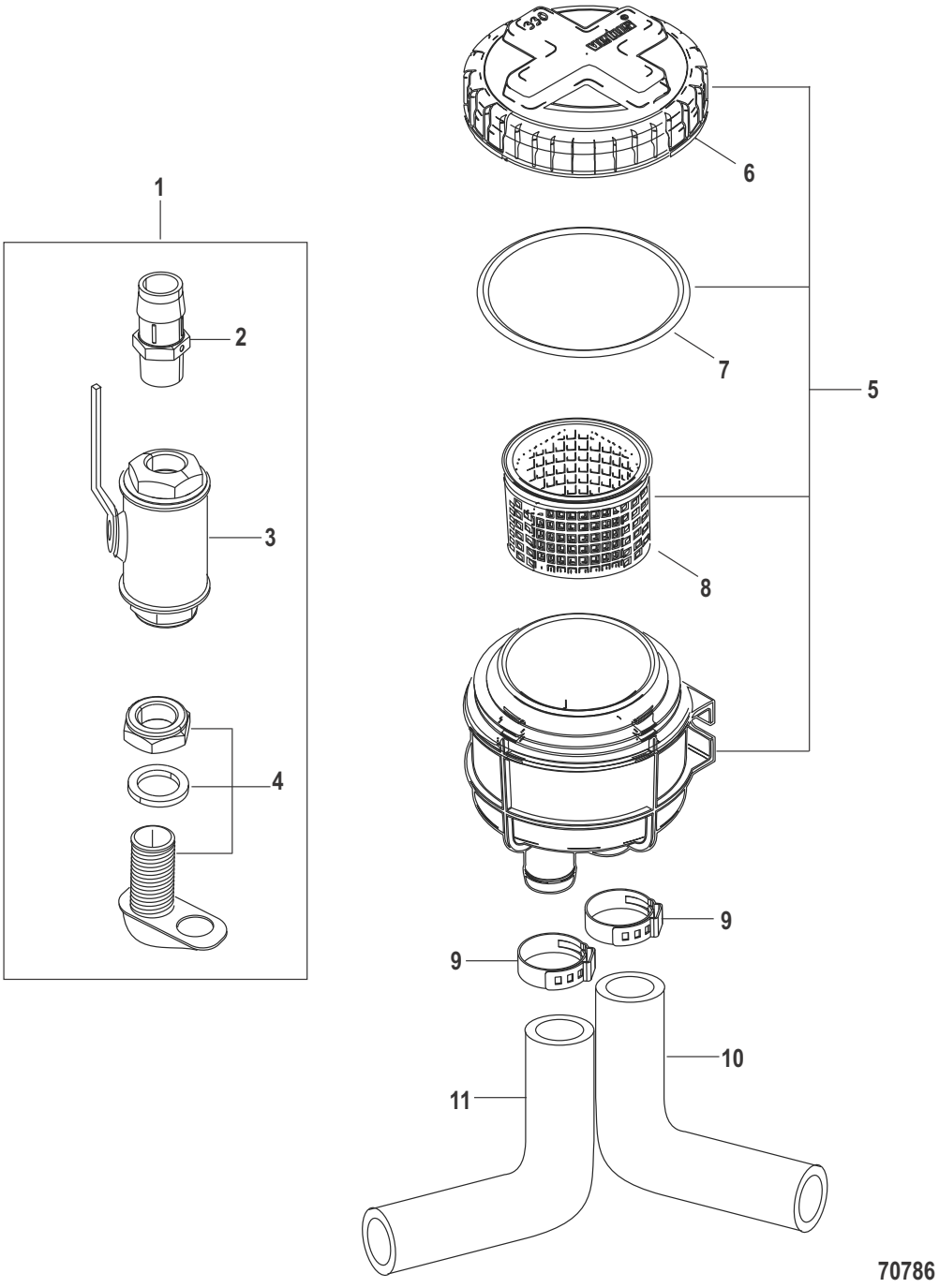
18262

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Seawater Filter

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0035	860603	FILTER Seawater		1	
2	0010	801763853	PLUG Drain		1	
3	0012	809963201	WASHER		1	
4	0000	801763855	ELEMENT Filter		1	
5	0025	801763856	O-RING		1	
6	0000	801763857	WINDOW		1	
7	0000	801763858	COVER		1	
8	0010	801763859	SCREW		2	
9	0013	809930840	LOCKWASHER		2	
10	0022	816339	NOZZLE		2	
11	0032	816172	HOSE		2	
12	0054	815504224	CLAMP Worm Gear		7	

Seawater Filter

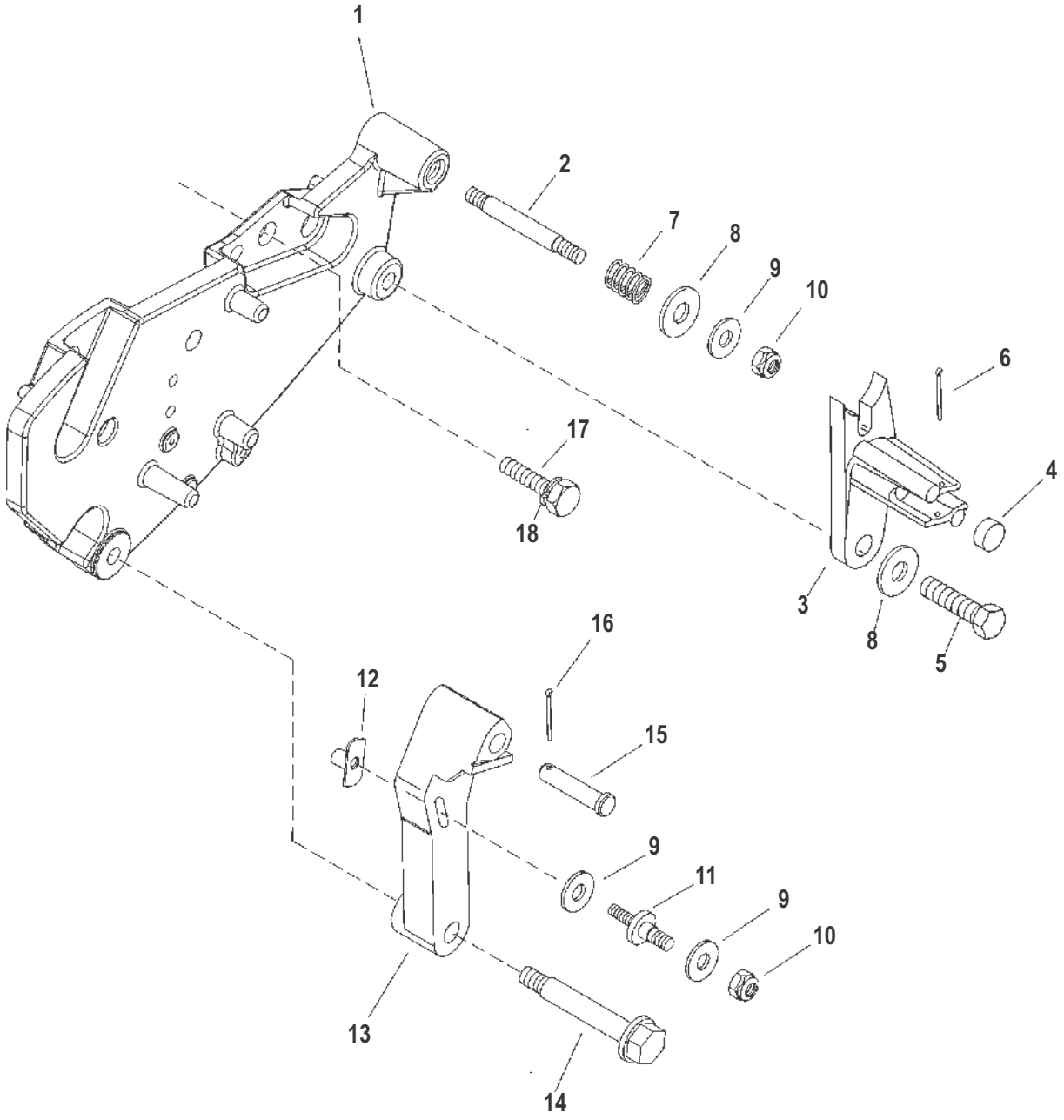


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Seawater Filter

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0022	818170A2	FITTING		1	
2	0022	818172	CONNECTOR		1	
3	0020	818171T	VALVE		1	
4	0022	818170T	FITTING		1	
5	0000	879150027	WATER STRAINER ASSEMBLY		1	
6	0000	8M0150292	COVER ASSEMBLY		1	
7	0025	8M0150291	O-RING		1	
8	0000	8M0150290	STRAINER BASKET		1	
9	0054	896332085	CLAMP		2	
10	0032	898101453	HOSE		1	
11		NSS	NOT SOLD SEPARATE Hose		1	

Shift Bracket

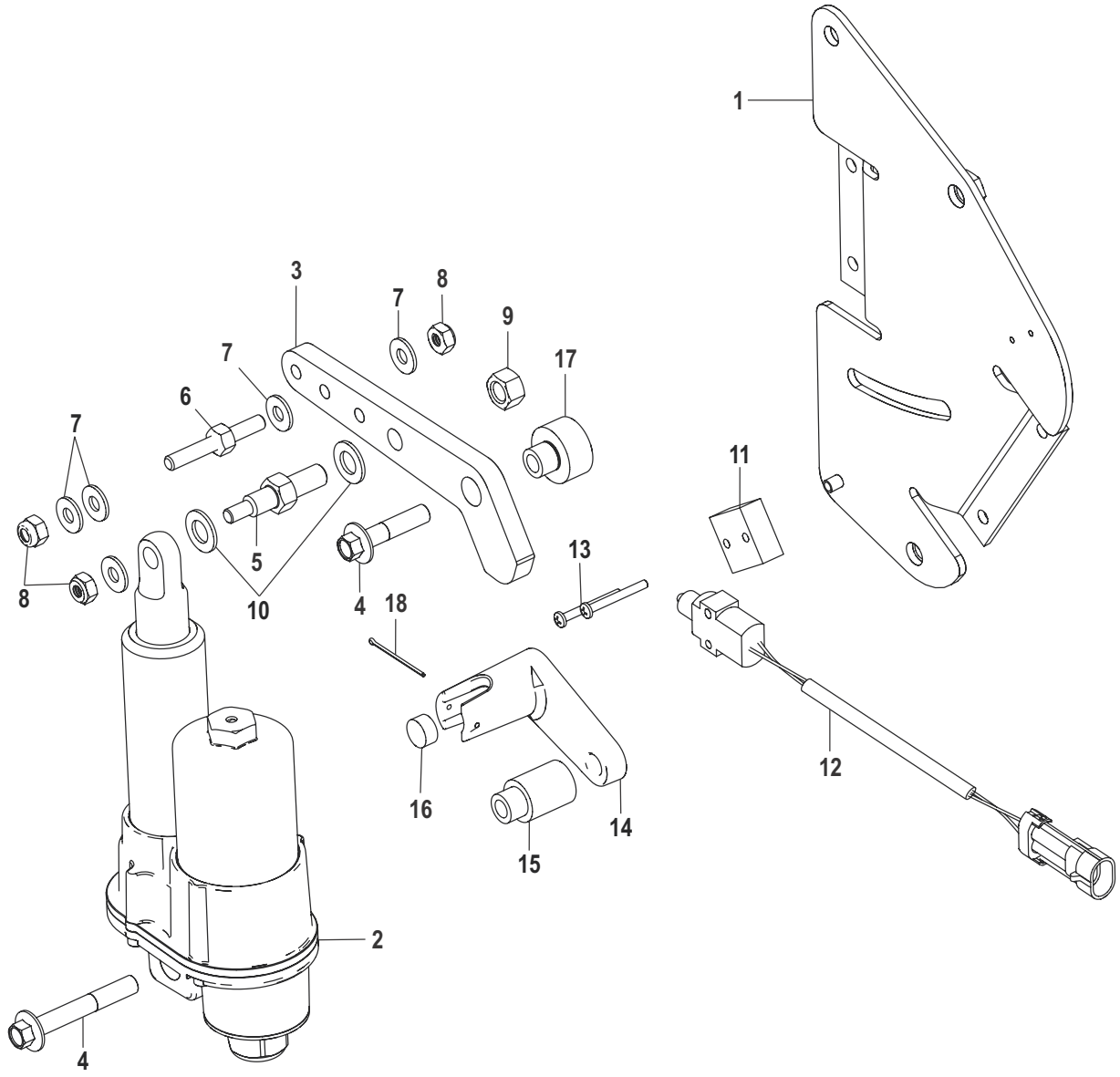


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Shift Bracket

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)		1	
3	0000	865434A02	RETAINER KIT		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		2	
9	0012	35462	WASHER (.2656 x .625 x .0625) Stainless Steel		5	
10	0011	8267119	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)		1	
15	0017	68402	PIN (.250 x 1.13)		1	
16	0018	210711	COTTER PIN		1	
17	0010	896332	BOLT		2	
18	0013	811460	LOCKWASHER		2	

Shift Actuator Digital Throttle and Shift



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Shift Actuator Digital Throttle and Shift

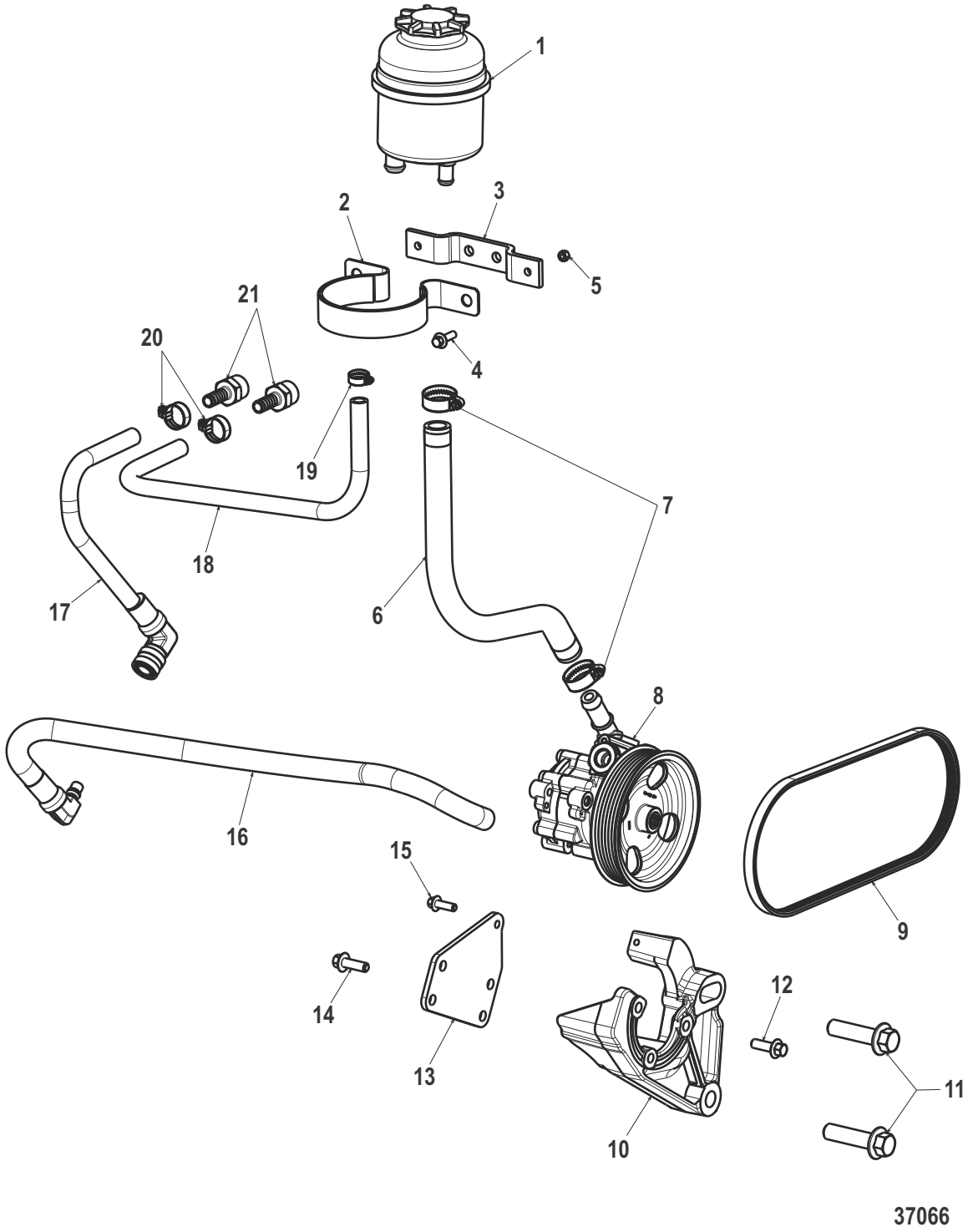
Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	8M2010067	SHIFT ACTUATOR ASSEMBLY		1	
1	0000	879312T27	BRACKET Shift		1	
2	0000	879194T46	SHIFT ACTUATOR		1	
3	0000	8631341	LEVER		1	
4	0010	4010735	SCREW (M8 x 35)		2	
5	0016	864361	STUD		1	
6	0016	96112	STUD (.250-28 x 2.00)		1	
7	0012	35462	WASHER (.2656 x .625 x .0625) Stainless Steel		5	
8	0011	826709109	NUT (.250-28) Stainless Steel		3	
9	0011	46335	NUT (.375-24)		1	
10	0012	34931	WASHER (.406 x .734 x .063) Stainless Steel		2	
11	0023	864386	SPACER		1	
12	0087	889514A01	SWITCH		1	
13	0010	865076	SCREW (6-32 x 1.25)		2	
14	0000	864616	RETAINER		1	
15	0023	863133	SPACER		1	
16	0023	98828	SPACER		1	
17	0023	863132	SPACER		1	
18	0018	36002	COTTER PIN		1	
-	0092	86166Q1	GLUE		AR	[1]

PART NOTES:

[1] - Alternate part numbers:

86166Q 1QS

Steering Components

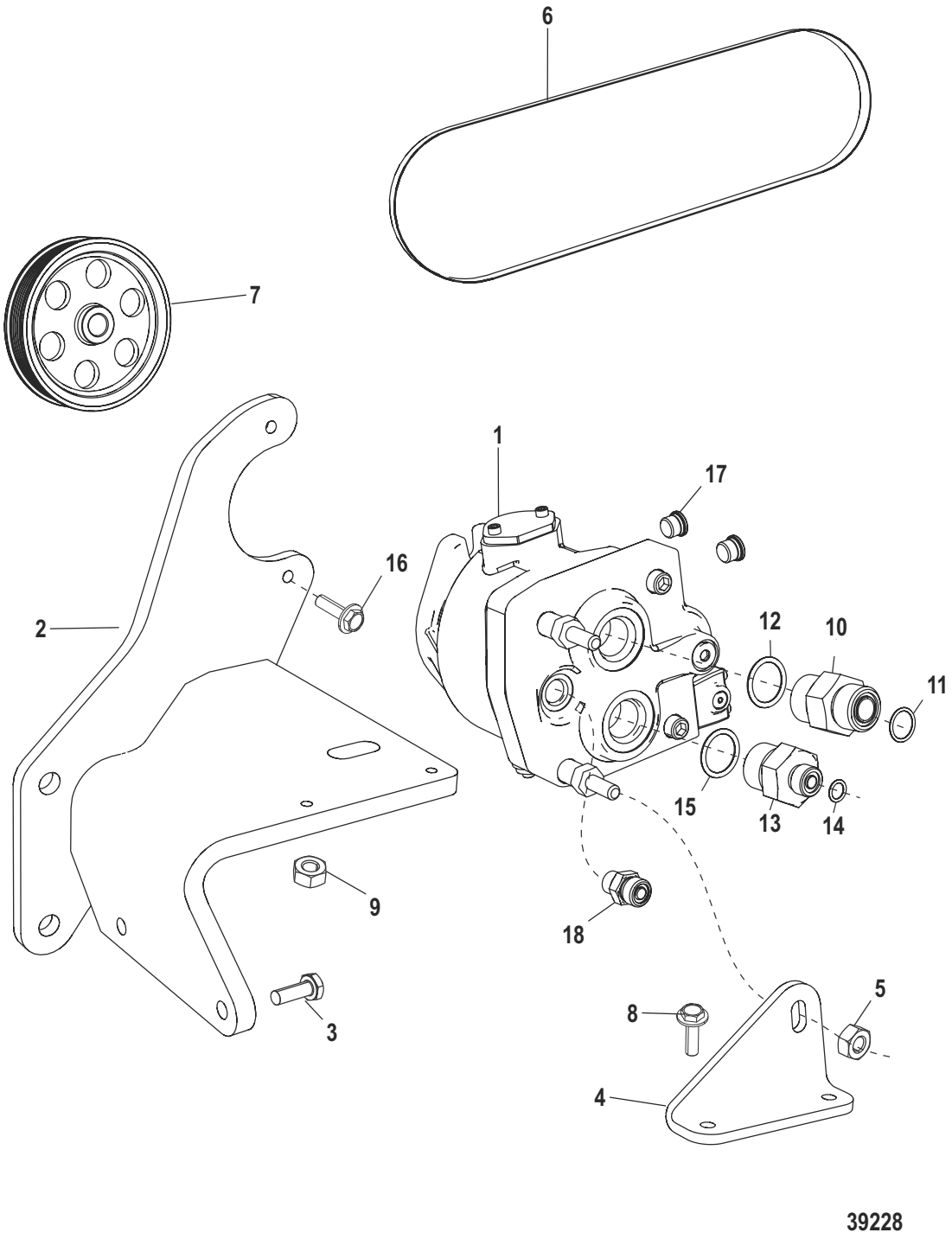


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Steering Components

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	897345001	OIL RESERVOIR		1	
2	0000	8553871	SUPPORT		1	
3	0000	896332209	BRACKET		1	
4	0010	898101553	SCREW		2	
5	0011	879275	NUT		2	
6	0032	879150101	HOSE		1	
7	0054	854189	CLAMP		1	
8	0000	898101502	PUMP		1	
9	0057	898101580	BELT		1	
10	0000	898101434	BRACKET		1	
11	0010	898101571	SCREW		2	
12	0010	898101556	SCREW		1	
13	0000	898101435	BRACKET		1	
14	0010	879194121	SCREW		1	
15	0010	879282	SCREW		1	
16	0032	865390053	HOSE Female Quick Connect		1	
17	0032	865389068	HOSE Male Quick Connect		1	
18	0032	883967	HOSE		1	
19	0054	854177001	CLAMP		1	
20	0054	896332106	CLAMP		2	
21	0000	896332211	ADAPTER		2	

AXIUS Steering Components Hydraulic Pump (GEN I)

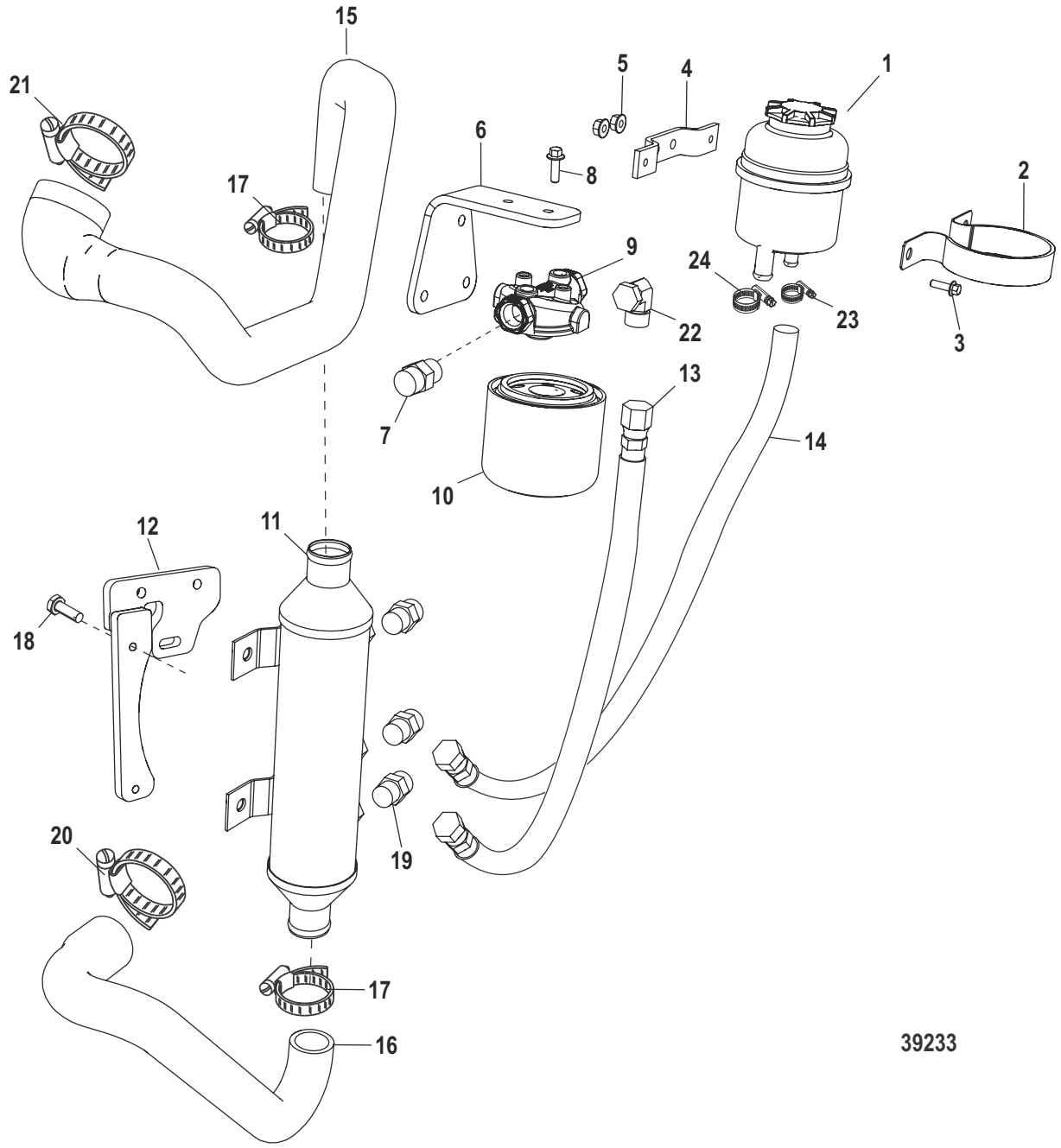


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AXIUS Steering Components Hydraulic Pump (GEN I)

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	879194T51	PUMP Hydraulic		1	
2	0000	8M2016265	BRACKET Pump		1	
3	0010	853451	SCREW (M10 x 30)		2	
4	0000	8M2016266	BRACKET Rear Pump		1	
5	0011	8M2016255	NUT Hex		1	
6	0057	879345T37	BELT 6 Rib		1	
7	0000	879345T35	PULLEY Hydraulic Pump		1	
8	0010	853219	SCREW (M8 x 25)		2	
9	0011	8M2016255	NUT Hex		2	
10	0022	8M2008373	FITTING (1.25 in.)		1	
11	0025	8M2008541	O-RING		1	
12	0025	8M2007285	O-RING		1	
13	0022	8M2007281	FITTING		1	
14	0025	8M2004603	O-RING		1	
15	0025	8M2007285	O-RING		1	
16	0010	853451	SCREW (M10 x 30)		2	
17	0022	845174	PLUG (.500-14 x .610) Brass		2	
18	0022	8M2007090	FITTING (-6) ORF TO (-8) ORB, Straight Pump Drain		1	

AXIUS Steering Components Cooler,Reservoir,LP Filter(GEN I)

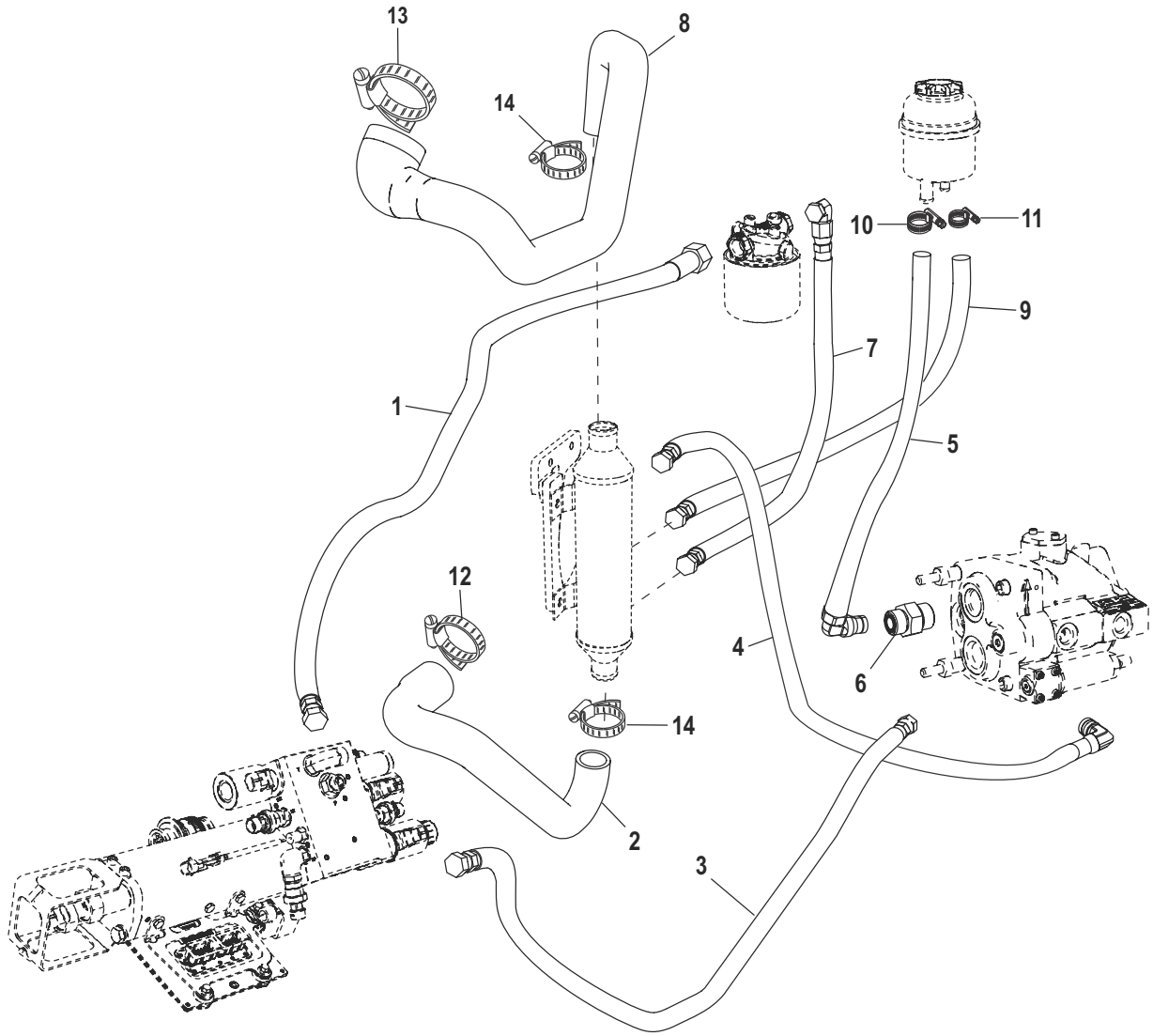


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AXIUS Steering Components Cooler,Reservoir,LP Filter(GEN I)

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	897345001	OIL RESERVOIR		1	
2	0000	8553871	SUPPORT		1	
3	0010	898101553	SCREW		2	
4	0000	896332209	BRACKET		1	
5	0011	879275	NUT		2	
6	0000	8M2016260	BRACKET Oil Filter		1	
7	0022	8M2010478	FITTING		1	
8	0010	817505	SCREW (.250-20 x .620) Stainless Steel		2	
9	0000	8M8020569	HEAD Oil Filter		1	
10	0035	881132T	FILTER		1	
11	0000	879194T52	COOLER		1	
12	0000	8M2016261	BRACKET		1	
13	0032	8M2016273	HOSE Filter to Cooler		1	
14	0032	8M2016271	HOSE Cooler to Reservior		1	
15	0032	8M2016263	HOSE To Elbow (Out)		1	
16	0032	8M2016262	HOSE To Heat Exchanger (In)		1	
17	0054	8M2016257	CLAMP		2	
18	0010	8M2016253	SCREW		2	
19	0022	8M2010478	FITTING		3	
20	0054	8M2016258	CLAMP-HOSE 33-57mm		1	
21	0054	8M2016259	CLAMP		1	
22	0022	8M2008374	FITTING		1	
23	0054	815504105	CLAMP Worm Gear (11-18 mm)		1	
24	0054	815504210	CLAMP Worm Gear		1	

AXIUS Steering Components Hoses, LP Filter (GEN I)



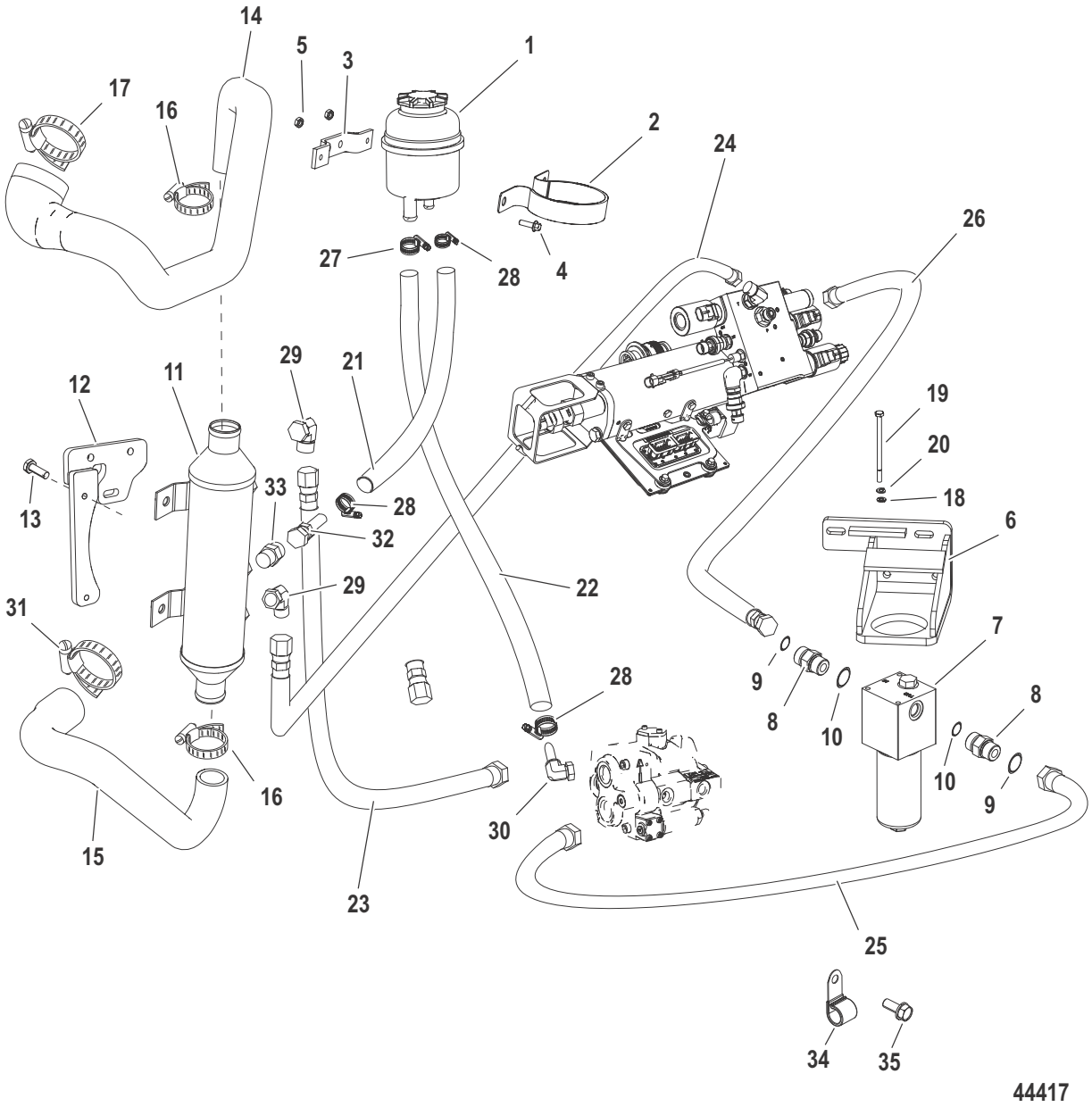
39234

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AXIUS Steering Components Hoses, LP Filter (GEN I)

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0032	8M2016274	HOSE Filter to Steering Cylinder		1	
2	0032	8M2016262	HOSE Cooler to Heat Exchanger		1	
3	0032	8M2016268	HOSE Pump to Steering Cylinder		1	
4	0032	8M2016272	HOSE Pump to Cooler		1	
5	0032	8M2017066	HOSE Reservoir to Pump		1	
6	0022	8M2008373	FITTING (1.25 in.)		1	
7	0032	8M2016273	HOSE Filter to Cooler		1	
8	0032	8M2016263	HOSE Cooler to Elbow		1	
9	0032	8M2016271	HOSE Cooler to Reservoir		1	
10	0054	8M2001486	CLAMP Worm Gear (16-27 mm)		1	
11	0054	8M2001484	CLAMP (8 - 16 mm)		1	
12	0054	8M2016258	CLAMP-HOSE 33-57mm		1	
13	0054	8M2016259	CLAMP		1	
14	0054	8M2016257	CLAMP		2	

AXIUS Steering Components On Board HP Filter (GEN I)

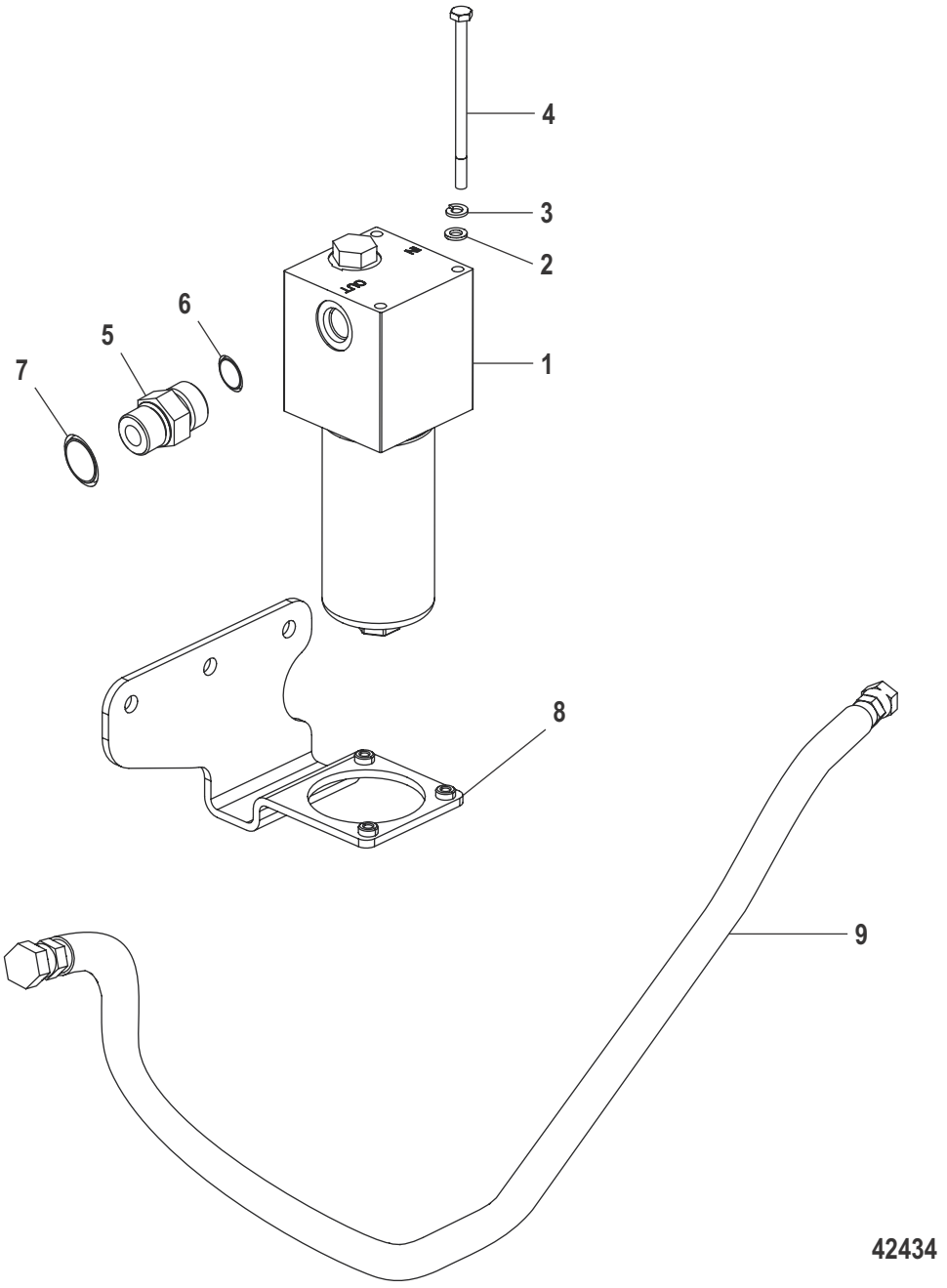


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AXIUS Steering Components On Board HP Filter (GEN I)

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	897345001	OIL RESERVOIR		1	
2	0000	8553871	SUPPORT		1	
3	0000	896332209	BRACKET		1	
4	0010	898101553	SCREW		2	
5	0011	879275	NUT		2	
6	0000	8M2019258	BRACKET		1	
7	0035	879288T	FILTER		1	
8	0022	8M2015982	FITTING Adapter (-6ORF TO -8ORB)		2	
9		NSS	NOT SOLD SEPARATE		1	
10		NSS	NOT SOLD SEPARATE		1	
11	0000	879194T52	COOLER		1	
12	0000	8M2016261	BRACKET		1	
13	0010	8M2016253	SCREW		2	
14	0032	8M2016263	HOSE Cooler to Elbow (Out)		1	
15	0032	8M2016262	HOSE Cooler to Heat Exchanger (In)		1	
16	0054	8M2016257	CLAMP (30mm Hose)		2	
17	0054	8M2016259	CLAMP (50mm Hose)		1	
18	0012	29245	WASHER (.281 x .500 x .060) Stainless Steel		3	
19	0010	844886	SCREW (.250-20 x 4.250)		3	
20	0013	26992	LOCKWASHER (.250) Stainless Steel		3	
21	0032	883968	HOSE Cut to Length, Cooler to Reservoir		1	
22	0032	8M2019155	HOSE Reservoir to Pump		1	
23	0032	8M2016272	HOSE Cooler to Pump		1	
24	0032	8M2019263	HOSE Cooler to Actuator		1	
25	0000	8M0065248	HOSE KIT 36.75 Inch Pump to Filter		1	
26	0032	8M2019261	HOSE Filter to Actuator		1	
27	0054	854189	CLAMP		2	
28	0054	8M2001486	CLAMP Worm Gear (16-27 mm)		1	
29	0022	8M2008374	FITTING		2	
30	0022	8M2019156	FITTING		1	
31	0054	8M2016258	CLAMP-HOSE 33-57mm (40mm Hose)		1	
32	0022	8M2019260	FITTING		1	
33	0022	8M2019259	FITTING		1	

AXIUS Steering Components Remote Mount HP Filter (GEN I)

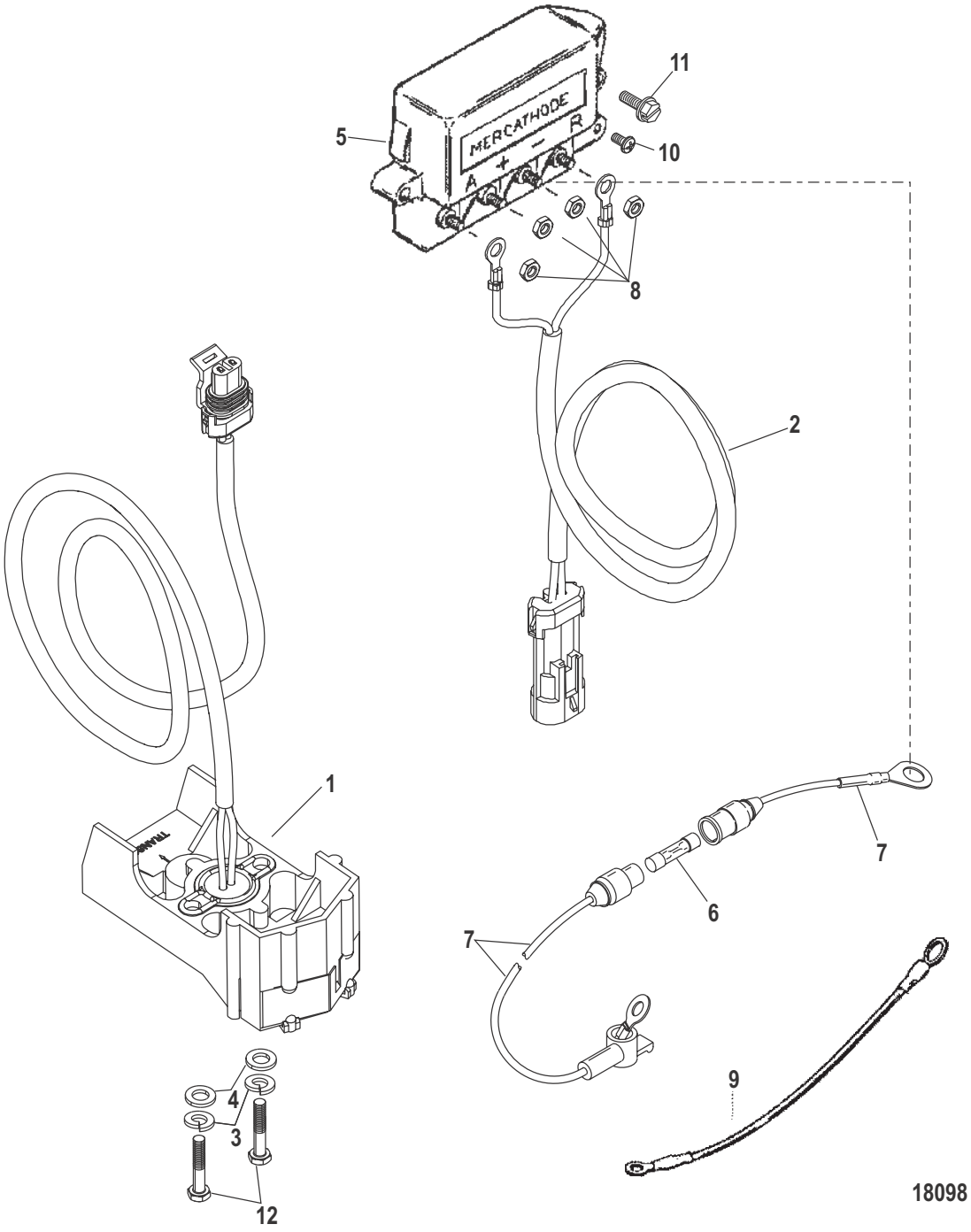


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AXIUS Steering Components Remote Mount HP Filter (GEN I)

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	8M8025337	FILTER KIT High Pressure	(One Kit Completes Two Engines)	1	
1	0035	879288T	FILTER High Pressure		2	
2	0012	29245	WASHER (.281 x .500 x .060) Stainless Steel		6	
3	0013	26992	LOCKWASHER (.250) Stainless Steel		6	
4	0010	844886	SCREW (.250-20 x 4.250)		6	
5	0022	8M2015982	FITTING Adapter (-6ORF TO -8ORB)		4	
6		NSS	NOT SOLD SEPARATE O-Ring		2	
7		NSS	NOT SOLD SEPARATE O-Ring		2	
8	0000	879172T	BRACKET High Pressure Filter		2	
9	0032	8M2016268	HOSE Hydraulic		2	

Mercathode Components

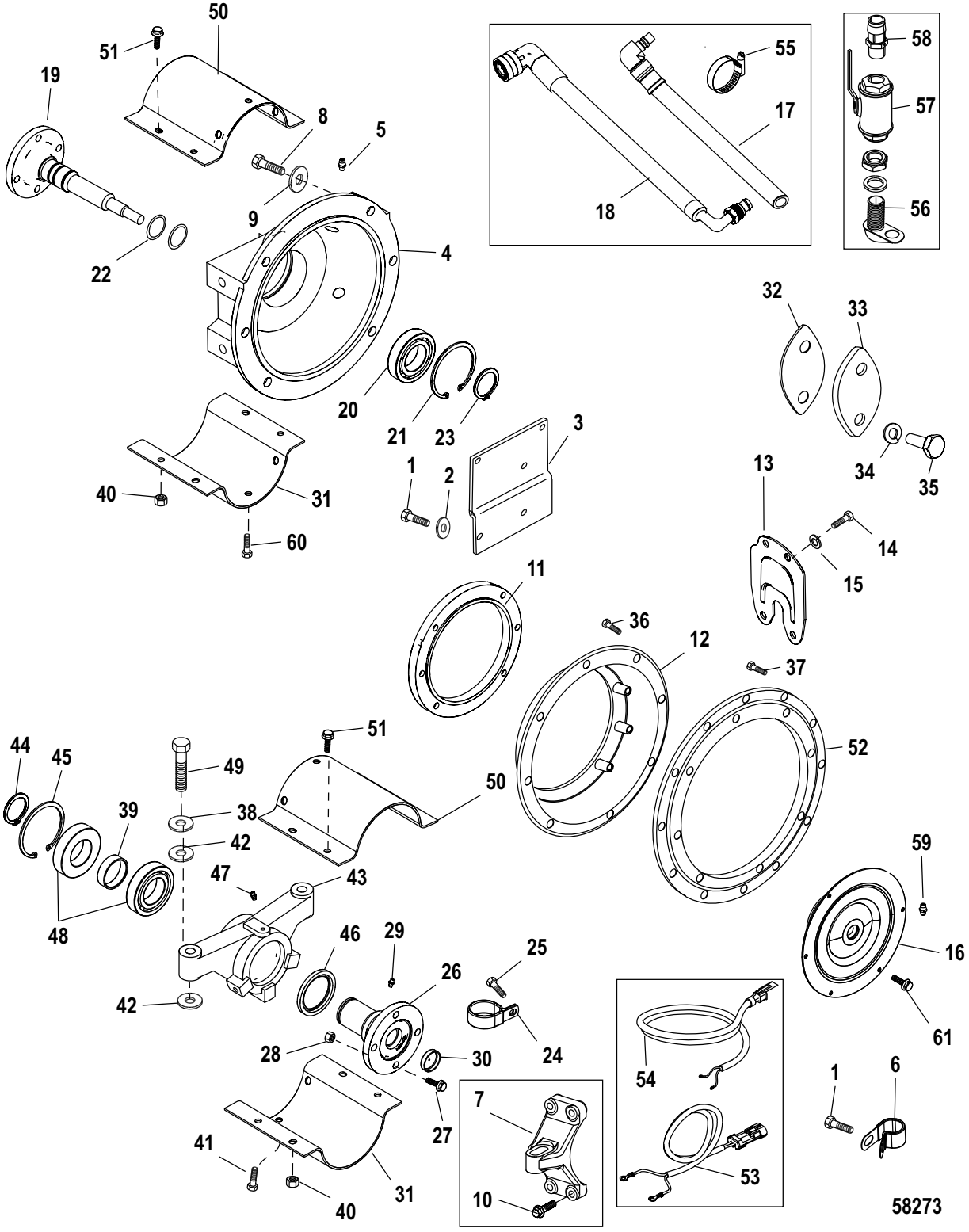


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Mercathode Components

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	98869A17	ELECTRODE ASSEMBLY	(With Quick Connectors)	1	
2	0084	865181T01	HARNESS ASSEMBLY Mercathode		1	
3	0013	26992	LOCKWASHER (.250) Stainless Steel		2	
4	0012	29245	WASHER (.281 x .500 x .060) Stainless Steel		2	
5	0000	42600A09	MERCATHODE ASSEMBLY		1	
6	0088	79091	FUSE 20 Ampere		1	
7	0084	95084A9	CABLE ASSEMBLY (91.00 Inches) Red/Purple Strip		1	
7	0084	95084A10	CABLE ASSEMBLY (5.00 Inches) Red		1	
8	0011	68219	NUT (#10-32) Stainless Steel		4	
9	0084	88543A3	CABLE ASSEMBLY		1	
10	0010	62568	SCREW (#10-16 x .375)		1	
11	0010	41508	SCREW (.250-20 x .500) Stainless Steel		2	
12	0010	69067	SCREW (.250-20 x 1.375)		2	

Jackshaft Components

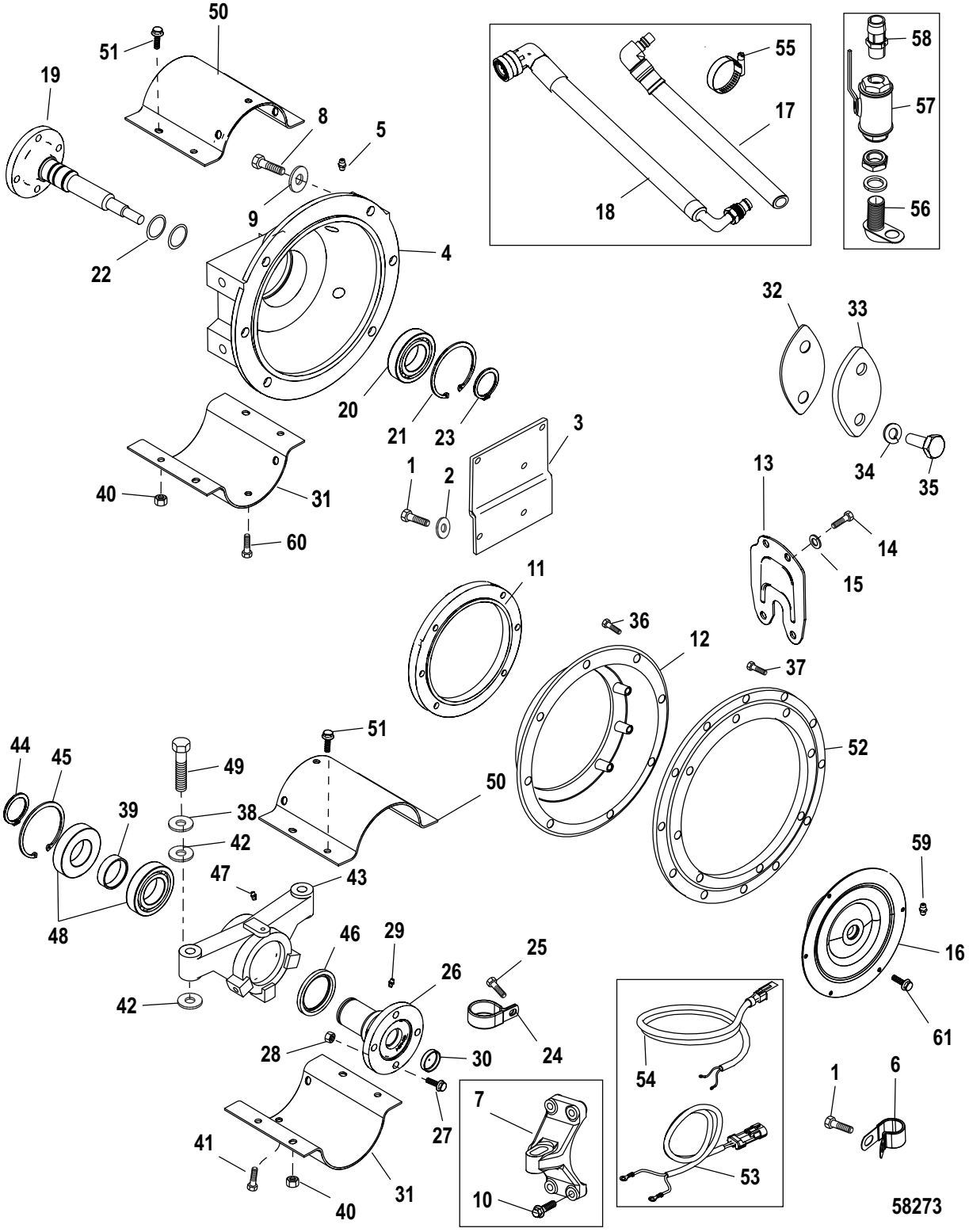


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Jackshaft Components

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	806843A06	JACKSHAFT KIT		1	
1	0010	59784	SCREW (.250-10 x 1.00)		3	
2	0012	21249	WASHER		4	
3	0000	41063A1	BRACKET ASSEMBLY		1	
4	0000	93911A4	HOUSING ASSEMBLY Shaft Extension Support		1	
5	0022	74036	FITTING Grease	(Use with greased bearing)	1	
5	0010	8M2015913	PLUG (.250-28 x .320)	(Use with non-greased bearing)	1	
6		NSS	NOT SOLD SEPARATE Clamp		1	
7	0000	896332035	BRACKET		2	
8	0010	40001209	SCREW (M10 x 60)		6	
9	0013	32993	LOCKWASHER (.437)		6	
10	0010	898101566	SCREW		8	
11	0023	807065T	PLATE Spacer		1	
12	0000	881787	HOUSING		1	
13	0000	861776A2	PLATE KIT		1	
14	0010	98794	SCREW (.375-16 x 1.00)		4	
15	0013	41471	LOCKWASHER (.375)		4	
16	0000	18311A21	COUPLER		1	
17	0032	866689	HOSE Female Quick Connect		1	
18	0032	865390134	HOSE Male Quick Connect		1	
19	0000	93906A2	SHAFT		1	
20	0030	62780T	BEARING Ball		1	
21	0053	94104	RING Retaining		1	
22	0025	29845	O-RING (.924 x .103)		2	
23	0053	841897T	RING Retaining		1	
24	0054	62494	CLIP		3	
25	0010	59784	SCREW (.250-10 x 1.00)		3	
26	0000	817415T	SHAFT		1	
27	0010	805159	SCREW (.437-20 x 1.500)		8	
28	0011	82670815	NUT (.437-20)		8	
29	0022	74036	FITTING Grease		1	
30	0019	93921	EXPANSION PLUG		1	
31	0000	93918A1	SHIELD Lower		2	
32	0027	818305	GASKET		1	
33	0000	818304A1	BLOCK OFF KIT		1	
34	0013	26992	LOCKWASHER (.250) Stainless Steel		2	
35	0010	28636	SCREW (.250-20 x .750)		2	
36	0010	896332242	BOLT		8	
37	0010	898101563	SCREW		12	
38	0012	35777	WASHER (.5156 x 1.375 x .125) Aluminum		2	
39	0023	817417T	SPACER		1	
40	0011	32219	NUT (.375-16)		8	
41	0010	96995	SCREW (.375-16 x .880)		3	

Jackshaft Components

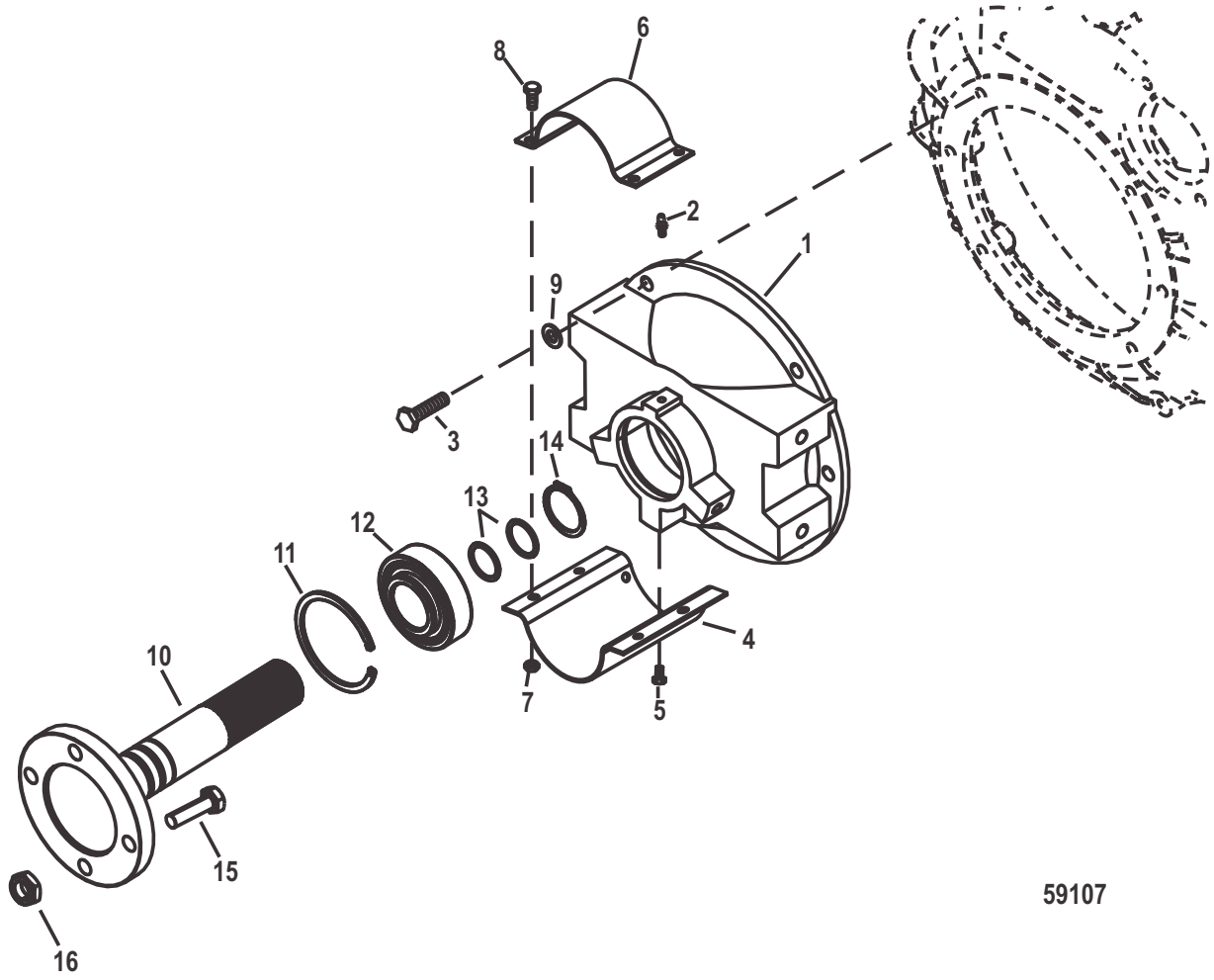


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Jackshaft Components

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
42	0012	42307	WASHER		4	
43	0000	817416A4	HOUSING ASSEMBLY		1	
44	0053	93915	RING Retaining		1	
45	0053	93914	RING Retaining		1	
46	0026	93924	SEAL		1	
47	0022	74036	FITTING Grease		1	
48	0030	93944A2	BEARING SET Ball		1	
49	0010	57053	SCREW (.500-20 x 4.500)		2	
50	0000	93919A1	SHIELD Upper		2	
51	0010	96995	SCREW (.375-16 x .880)		8	
52	0000	879194T42	SPACER		1	
53	0084	8M2100127	HARNESS ASSEMBLY Mercathode		1	
54	0084	8M2012384	CABLE ASSEMBLY		1	
55	0054	8M2001486	CLAMP Worm Gear (16-27 mm)		2	
56	0022	818170A2	FITTING		1	
57	0020	818171T	VALVE		1	
58	0022	818172	CONNECTOR		1	
59	0022	49099	FITTING		2	
60	0010	76926	SCREW (.375-16 x .875)		3	
61	0010	35386	SCREW (.312-18 x 1.00)		6	

Tailstock Kit

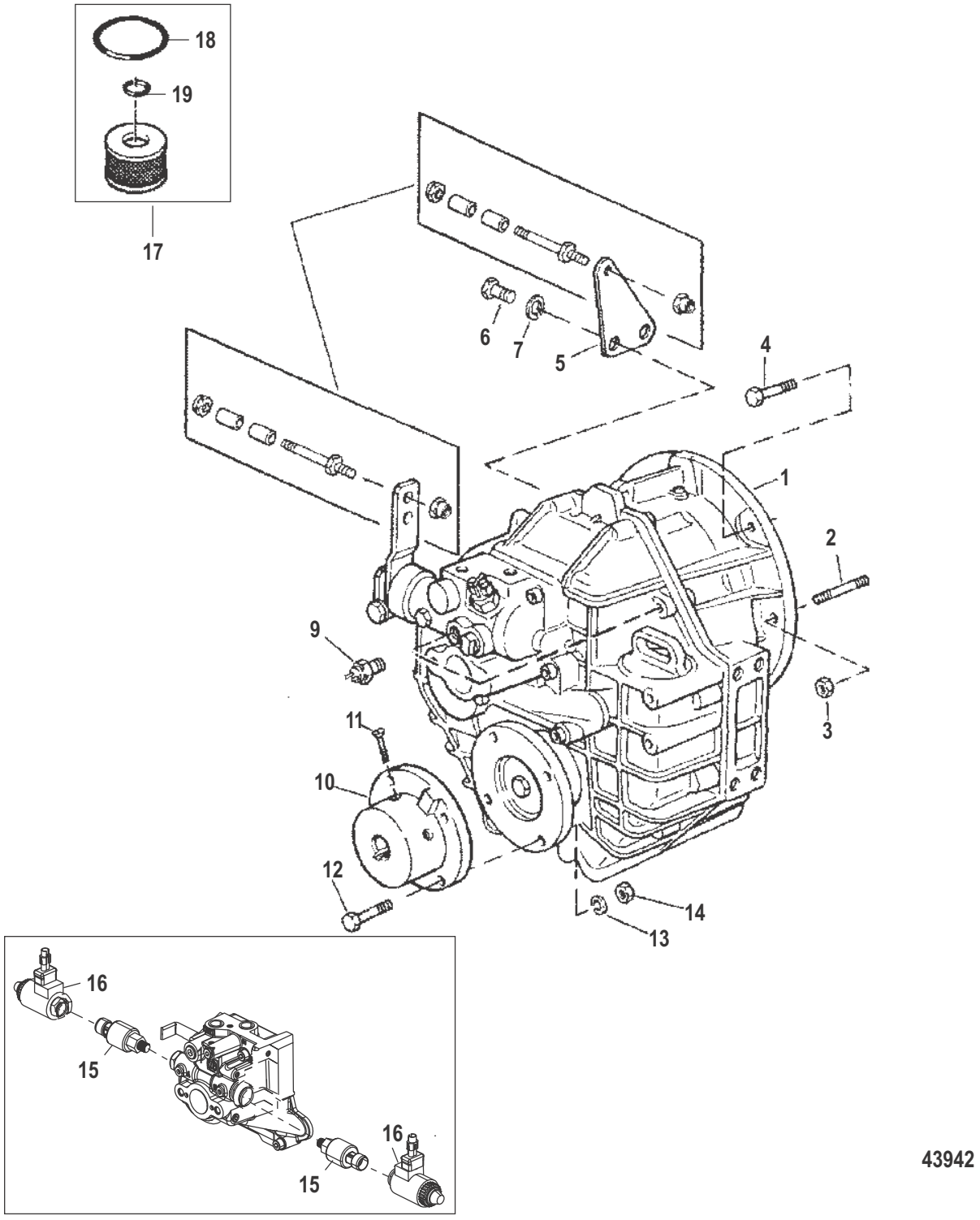


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Tailstock Kit

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0098	8M0106961	TAILSTOCK KIT QSD		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	4000377	SCREW (M10 x 30)		6	
4	0000	93918A1	SHIELD Lower		1	
5	0010	96995	SCREW (.375-16 x .880)		3	
6	0000	93919A1	SHIELD Upper		1	
7	0011	32219	NUT (.375-16)		4	
8	0010	96995	SCREW (.375-16 x .880)		4	
9	0012	4002319	WASHER		6	
10		NSS	NOT SOLD SEPARATE Tailstock Shaft		1	
11	0053	94104	RING Retaining		1	
12	0030	879194A03	GIMBAL BEARING KIT		1	
13	0025	29845	O-RING (.924 x .103)		2	
14	0053	841897T	RING Retaining		1	
15	0010	805159	SCREW (.437-20 x 1.500)		1	
16	0011	82670815	NUT (.437-20)		1	

Transmission and Related Parts (INBOARD)

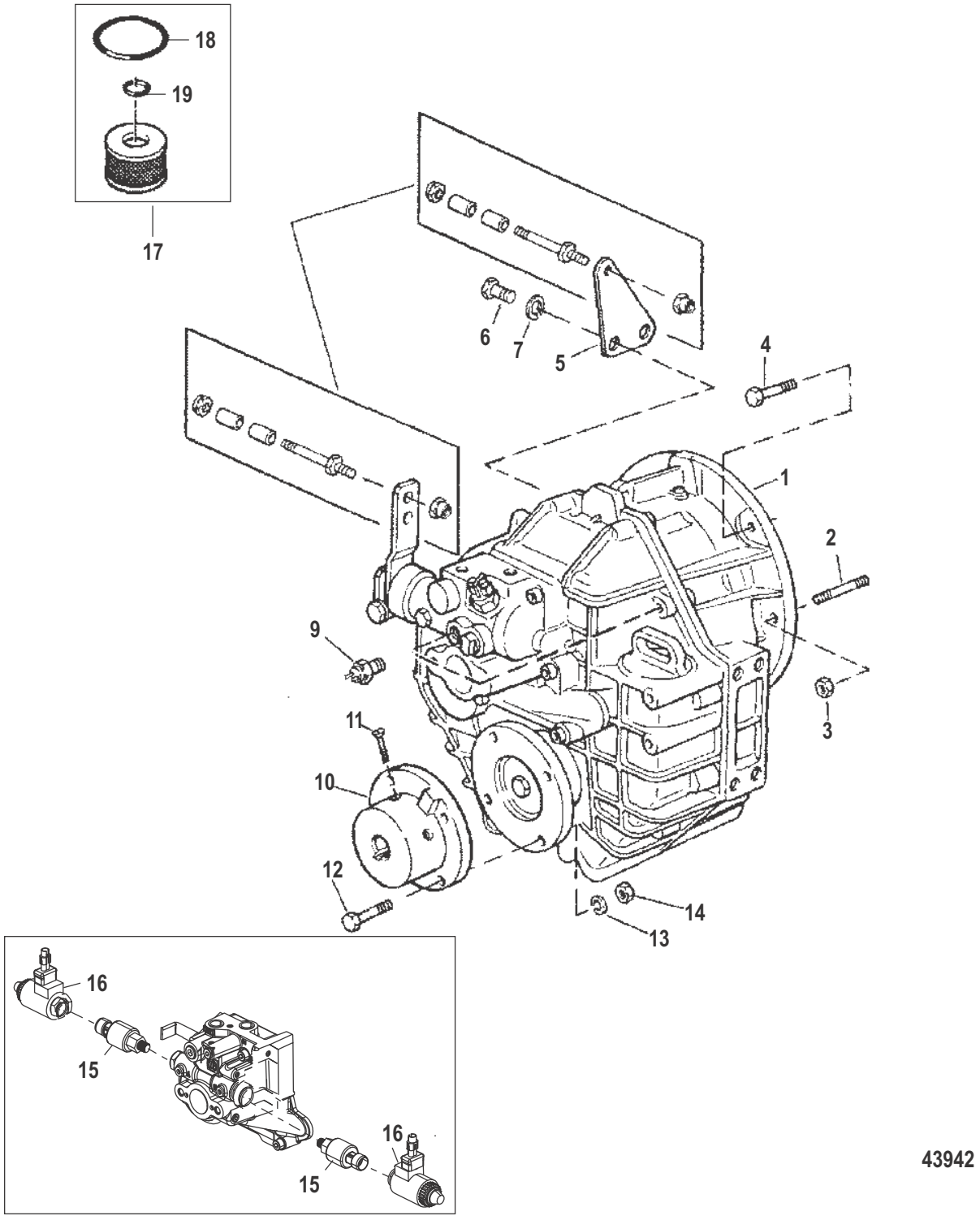


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Transmission and Related Parts (INBOARD)

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0000	863744T2	TRANSMISSION (1.5:1 Ratio) Down Angle	Mechanical Shift	1	[1]
1	0000	863744T3	TRANSMISSION (2.0:1 Ratio) Down Angle	Mechanical Shift	1	[2]
1	0000	863744T4	TRANSMISSION (2.50:1 Ratio) Down Angle	Mechanical Shift	1	[3]
1	0000	863745T2	TRANSMISSION (1.5:1 Ratio) V Drive	Mechanical Shift	1	[4]
1	0000	863745T3	TRANSMISSION (2.0:1 Ratio) V Drive	Mechanical Shift	1	[5]
1	0000	863745T4	TRANSMISSION (2.5:1 Ratio) V Drive	Mechanical Shift	1	[6]
1	0000	865703T02	TRANSMISSION (1.5:1 Ratio) Down Angle	Electric Shift	1	
1	0000	865703T03	TRANSMISSION (2.0:1 Ratio) Down Angle	Electric Shift	1	
1	0000	865703T04	TRANSMISSION (2.50:1 Ratio) Down Angle	Electric Shift	1	
1	0000	865704T02	TRANSMISSION (1.5:1 Ratio) V Drive	Electric Shift	1	
1	0000	865704T03	TRANSMISSION (2.0:1 Ratio) V Drive	Electric Shift	1	
1	0000	865704T04	TRANSMISSION (2.5:1 Ratio) V Drive	Electric Shift	1	
2	0016	910002	STUD		2	
3	0011	809922113	NUT		2	
4	0010	809913837	SCREW		2	
5	0000	806238	BRACKET		1	
6	0010	809919969	SCREW		2	
7	0013	400247	LOCKWASHER (M8)		2	
8	0016	97477A3	STUD KIT		2	
9	0087	88031	SWITCH ASSEMBLY		1	
10	0000	79476A1	FLANGE ASSEMBLY (5.00 x 1.00)		OPT	
10	0000	79476A3	FLANGE ASSEMBLY (5.00 x 1.25)		OPT	
10	0000	79476A4	FLANGE ASSEMBLY (5.00 x 1.375)		OPT	
10	0000	79476A5	FLANGE ASSEMBLY (5.00 x 1.50)		OPT	
10	0000	79476A6	FLANGE ASSEMBLY (5.00 x 1.75)		OPT	
11	0010	60171	SCREW (.375-16 x 1.250)		2	
11	0010	60169	SCREW (.375-16 x .750)		2	
12	0010	805159	SCREW (.437-20 x 1.500)		4	
13	0013	32993	LOCKWASHER (.437)		4	
14	0011	22024	NUT (.437-14)		4	
15	0000	865664	PRESSURE TRANSDUCER 500 PSI		2	
16	0000	8M0034249	SOLENOID		2	
17	0035	815419	FLUID FILTER KIT		1	
18	0025	813407	O-RING		1	
19	0025	813406	O-RING		1	
-	0000	877523	VALVE Trolling		OPT	

Transmission and Related Parts (INBOARD)



Transmission and Related Parts (INBOARD)

PART NOTES:

[1] - Alternate part numbers:

863744T 2QS

896346701QS

[2] - Alternate part numbers:

863744R03Reman

863744T 3QS

896346702QS

[3] - Alternate part numbers:

863744R04Reman

863744T 4QS

896346703QS

[4] - Alternate part numbers:

863745R02Reman

863745T 2QS

896346707QS

[5] - Alternate part numbers:

863745R03Reman

863745T 3QS

896346708QS

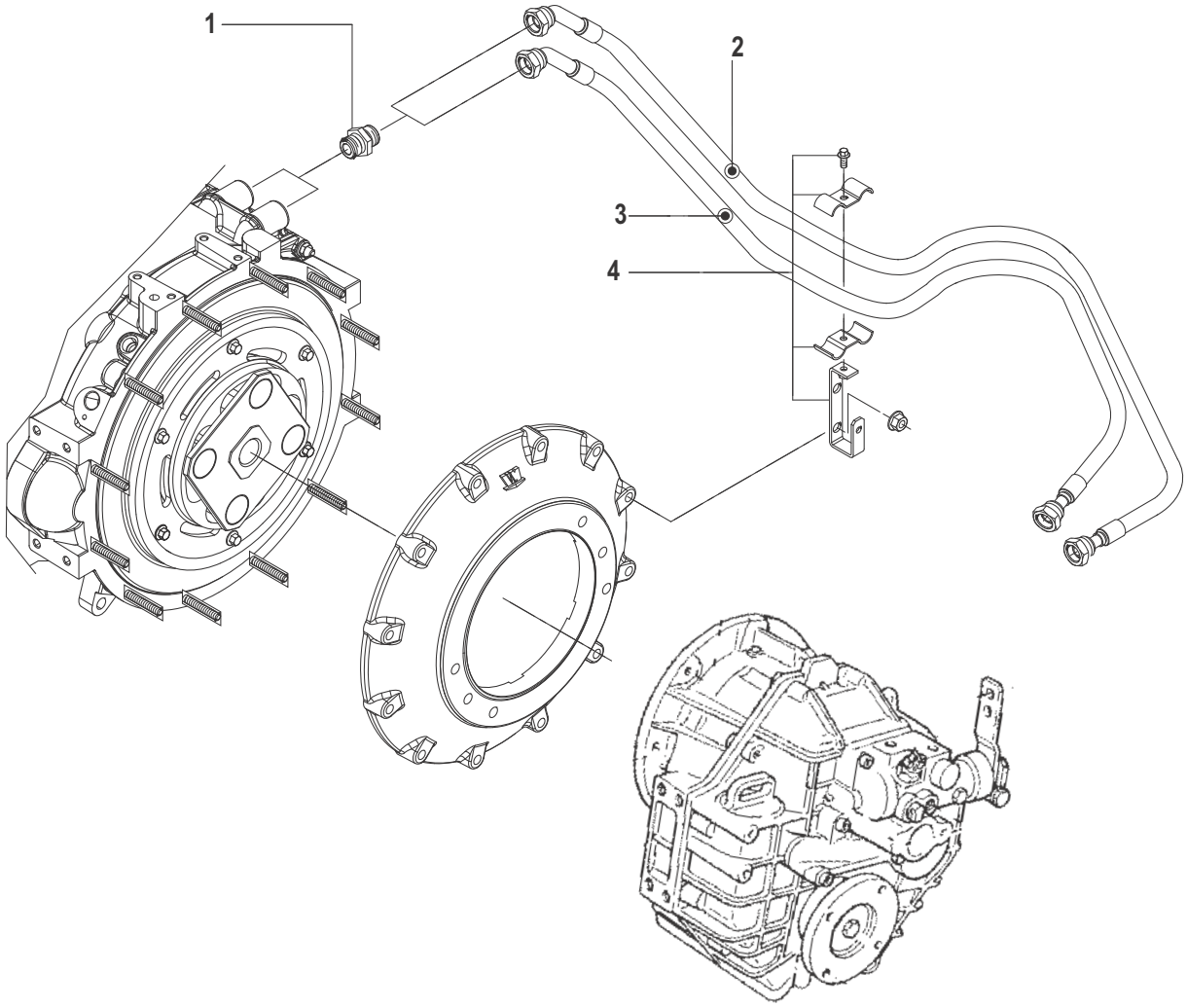
[6] - Alternate part numbers:

863745R04Reman

863745T 4QS

896346709QS

Transmission Hoses

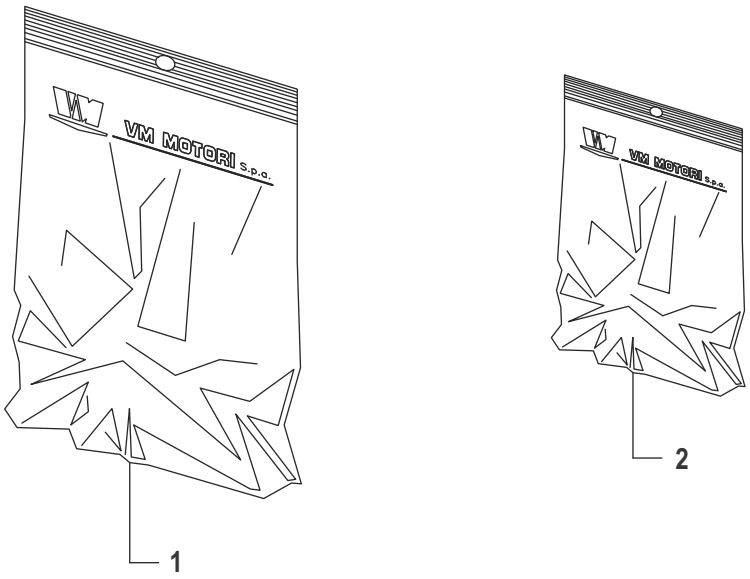


43709

Cat.# 90-898181002

Transmission Hoses

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0022	803174	ELBOW		2	
2	0032	898182	HOSE		1	
3	0032	898182	HOSE		1	
4	0000	896332248	CLAMP ASSEMBLY		1	



29257

Cat.# 90-898181002

Engine Gasket Sets

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
1	0027	879194154	GASKET SET Engine		1	
2	0027	879194152	GASKET SET Cylinder Head		1	

Cat.# 90-898181002

Smarcraft Harnesses 24 Pin

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0084	899887T05	HARNESS ASSEMBLY Wiring, Non-DTS		1	
-	0000	878492T16	JUNCTION BOX 6 Way		1	
-	0000	887767K01	SWITCH KIT Start/Stop - Single		1	
-	0000	887767K02	SWITCH KIT Start/Stop - Dual 1st or 2nd Station		1	
-	0084	899887T06	HARNESS ASSEMBLY Wiring Tee		1	

Cat.# 90-898181002

Smartcraft Harnesses 48 Pin

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0000	8M2011449	PANEL Electrical - Vessel Interface QSD 48		1	
-	0077	8M0075841	SIM MODULE Axius GEN I Diesel SC 2.2		1	
-	0077	8M0075842	SIM MODULE Axius GEN II Diesel SC 2.5		1	
-	0077	8M0075826	SIM MODULE IB 2.2 (DTS)		1	
-	0077	8M0075829	SIM MODULE IB+TROLL 2.2 (DTS)		1	
-	0077	8M0075843	SIM MODULE IB 2.2 (NON DTS)		1	
-	0077	8M0075833	SIM MODULE Sterndrive 2.2 (DTS) DTS		1	
-	0077	8M0075835	SIM MODULE Sterndrive 2.2 (Non DTS) (Non-DTS)		1	
-	0084	899887T02	HARNESS ASSEMBLY Drive Application Inboard, DTS		1	
-	0084	879312T14	HARNESS ASSEMBLY QSD Inboard Neutral Safety Harness, Non-DTS Drive Application Harness		1	
-	0084	899887T13	HARNESS ASSEMBLY Wiring, Power (10 Feet)		1	
-	0084	899887T14	HARNESS ASSEMBLY Wiring, Power (20 Feet)		1	
-	0084	879312T12	HARNESS ASSEMBLY Extension Shift Actuator (DTS)		1	
-	0000	8M2010067	SHIFT ACTUATOR ASSEMBLY DTS Sterndrive		1	
-	0000	879194T46	SHIFT ACTUATOR Sterndrive Gear Shift		1	
-	0087	889514A01	SWITCH Actuator		1	
-	0000	879312T27	BRACKET Sterdrive Gear Shift		1	
-	0084	899887T01	HARNESS ASSEMBLY Wiring, Non-DTS Extension, Sterndrive Neutral Safety		1	
-	0084	879312T13	HARNESS ASSEMBLY DTS Sterndrive Neutral Safety Adapter		1	
-	0084	879312T10	HARNESS ASSEMBLY Extension Gear Actuation, On/Off F/R DIN Connector		1	
-	0084	879312T11	HARNESS ASSEMBLY Extension Proportional F/R with Trolling DIN Connector		1	
-	0084	879312T23	HARNESS ASSEMBLY On/Off F/R (Feul Injector)		1	
-	0084	879312T09	HARNESS ASSEMBLY Extension On/Off F/R with Trolling (Feul Injector)		1	
-	0084	879312T49	HARNESS ASSEMBLY Non-DTS Helm, Single & Twin Engine		1	
-	0084	879312T21	HARNESS ASSEMBLY Panel Mount Lanyard Adapter		1	
-	0087	814324A04	STOP LANYARD SWITCH KIT Dual 2-Pin Connectors		1	
-	0084	899887T06	HARNESS ASSEMBLY Wiring		1	

Cat.# 90-898181002

Smartcraft Harnesses 48 Pin

Ref #	Part Class	Part Number	Description	Comments	Qty	Note
-	0084	893452A01	CABLE ASSEMBLY Link CAN P, Jumper between Helms port and starboard		1	
-	0084	879312T04	HARNESS ASSEMBLY Helm DTS Single Engine		1	
-	0084	879312T05	HARNESS ASSEMBLY Helm DTS Twin Engine		1	
-	0000	882751	RELAY		1	
-	0086	865205	CLIP		1	
-	0000	893388A01	CAP Resistor - 2 Pin, 120 Ohm (CAN 1, 2 and 3)		1	
-	0000	816492A1	ALARM ASSEMBLY Audio Warning		1	
-	0000	898289T17	DTS SMART JUNCTION BOX With repeater, Twin Engine		1	
-	0000	898289T23	DTS SMART JUNCTION BOX Without repeater, Twin Engine		1	
-	0084	879312T20	HARNESS Adapter (Halon and Keyswitch) Keyswitch/Halon Adapter		1	
-	0000	8M0022416	MODULE CCM 48 Unprogrammed		1	
-	0000	8M2011935	ISOLATOR KIT Vibration CCM Mounting Hardware		1	
-	0084	8M2013910	HARNESS/SWITCH ASSEMBLY eStop		1	
-	0084	879312T	HARNESS ASSEMBLY Extension (5 Feet) VIP		1	
-	0084	879312T01	HARNESS ASSEMBLY Extension (10 Feet) VIP		1	
-	0084	879312T02	HARNESS ASSEMBLY Extension (15 Feet) VIP		1	
-	0084	879312T03	HARNESS ASSEMBLY Extension (20 Feet) VIP		1	

Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
13743	SCREW (.312-18 x 1.843)	80	14	138981	LEVER	80	13
18311A21	COUPLER	98	16	18311A9	COUPLING ASSEMBLY Complete	68	1
210711	COTTER PIN	80	16	21249	WASHER	98	2
22024	NUT (.437-14)	104	14	26992	LOCKWASHER (.250) Stainless Steel	92	20
26992	LOCKWASHER (.250) Stainless Steel	94	3	26992	LOCKWASHER (.250) Stainless Steel	96	3
26992	LOCKWASHER (.250) Stainless Steel	98	34	28636	SCREW (.250-20 x .750)	98	35
29245	WASHER (.281 x .500 x .060) Stainless Steel	92	18	29245	WASHER (.281 x .500 x .060) Stainless Steel	94	2
29245	WASHER (.281 x .500 x .060) Stainless Steel	96	4	29845	O-RING (.924 x .103)	98	22
29845	O-RING (.924 x .103)	102	13	32219	NUT (.375-16)	98	40
32219	NUT (.375-16)	102	7	32832001	MOUNT	68	7
328571	COTTER PIN	80	6	32993	LOCKWASHER (.437)	98	9
32993	LOCKWASHER (.437)	104	13	34931	WASHER (.406 x .734 x .063) Stainless Steel	82	10
35386	SCREW (.312-18 x 1.00)	100	61	35462	WASHER (.2656 x .625 x .0625) Stainless Steel	80	9
35462	WASHER (.2656 x .625 x .0625) Stainless Steel	82	7	35777	WASHER (.5156 x 1.375 x .125) Aluminum	98	38
36002	COTTER PIN	82	18	40001192	SCREW (M10 x 25)	70	9
40001209	SCREW (M10 x 60)	98	8	4000377	SCREW (M10 x 30)	102	3
4002319	WASHER	102	9	400247	LOCKWASHER (M8)	104	7
4010735	SCREW (M8 x 35)	82	4	41063A1	BRACKET ASSEMBLY	98	3
41471	LOCKWASHER (.375)	60	16	41471	LOCKWASHER (.375)	60	20
41471	LOCKWASHER (.375)	62	17	41471	LOCKWASHER (.375)	62	21
41471	LOCKWASHER (.375)	98	15	41508	SCREW (.250-20 x .500) Stainless Steel	96	11
42307	WASHER	100	42	42600A09	MERCATHODE ASSEMBLY	96	5
44348T	TUBE	60	13	44348T	TUBE	62	14
46335	NUT (.375-24)	82	9	49099	FITTING	100	59
53167	SCREW (.312-18 x .880)	80	5	56720	WASHER (.330 x .750 x .060) Stainless Steel	80	8
57053	SCREW (.500-20 x 4.500)	100	49	58640	SCREW (.375-16 x 1.25)	60	17
58640	SCREW (.375-16 x 1.25)	62	18	59784	SCREW (.250-10 x 1.00)	98	1
59784	SCREW (.250-10 x 1.00)	98	25	60169	SCREW (.375-16 x .750)	104	11
60171	SCREW (.375-16 x 1.250)	104	11	62494	CLIP	98	24
62568	SCREW (#10-16 x .375)	96	10	62780T	BEARING Ball	98	20
63341	TEE NUT	80	12	68219	NUT (#10-32) Stainless Steel	96	8
68402	PIN (.250 x 1.13)	80	15	69067	SCREW (.250-20 x 1.375)	96	12
74036	FITTING Grease	98	5	74036	FITTING Grease	98	29
74036	FITTING Grease	100	47	74036	FITTING Grease	102	2
76926	SCREW (.375-16 x .875)	100	60	79091	FUSE 20 Ampere	96	6
79476A1	FLANGE ASSEMBLY (5.00 x 1.00)	104	10	79476A3	FLANGE ASSEMBLY (5.00 x 1.25)	104	10
79476A4	FLANGE ASSEMBLY (5.00 x 1.375)	104	10	79476A5	FLANGE ASSEMBLY (5.00 x 1.50)	104	10
79476A6	FLANGE ASSEMBLY (5.00 x 1.75)	104	10	801331212	PIN	36	9
801331602	PLUG	44	9	801331613	GASKET Oil Pan	52	5
801331650	SCREW	44	12	801331651	SCREW	44	11
801331684	FITTING Drain	44	7	801331733	PLATE Guide	42	13
801331735	KEY	42	14	801331752	PLATE	40	13
801331754	CAP	40	11	801331755	KEEPER	40	10
801333412	O-RING	28	8	801333415	O-RING	52	7
801333424	CLIP	54	13	801333448	STUD (M8 x 140)	58	13
801333451	STUD (M8 x 90)	24	4	801333451	STUD (M8 x 90)	58	18
801333457	CLAMP	20	22	801333457	CLAMP	22	22
801333457	CLAMP	54	15	801333457	CLAMP	62	23
801333464	FITTING	24	18	801333874	SCREW Banjo (M10)	38	24
801333874	SCREW Banjo (M10)	54	17	801761165	BOLT Banjo (M8 x 1.00)	58	22
801763451	STUD (M8 x 70)	58	19	801763853	PLUG Drain	76	2
801763855	ELEMENT Filter	76	4	801763856	O-RING	76	5
801763857	WINDOW	76	6	801763858	COVER	76	7
801763859	SCREW	76	8	803174	ELBOW	108	1
803607	PLUG Drain	26	6	803608	ELBOW 65 Degree Exhaust	64	3
803609001	ELBOW 33 Degree Exhaust	64	3	803610	DRIVEPLATE ASSEMBLY	70	10
803621	BEARING Standard Thrust	50	9	805013T1	PIPE	60	15
805013T1	PIPE	62	16	805159	SCREW (.437-20 x 1.500)	98	27
805159	SCREW (.437-20 x 1.500)	102	15	805159	SCREW (.437-20 x 1.500)	104	12
805265A1	ELBOW Exhaust	60	3	805684A2	COUPLING	68	2
805735T08	COUPLING ASSEMBLY 2-Stage	68	3	806238	BRACKET	104	5

PARTS INDEX

Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
806685	BOLT (M14 x 149.5)	38	6	806686	BOLT (M12 x 94.5)	38	7
806687	BOLT (M12 x 127.5)	38	9	806843A06	JACKSHAFT KIT	98	-
807065T	PLATE Spacer	98	11	807962A15	BRACKET ASSEMBLY Shift	80	1
809726	PLATE	26	23	809913837	SCREW	104	4
809919114	PLUG	30	28	809919114	PLUG	58	5
809919969	SCREW	104	6	809922113	NUT	104	3
809930840	LOCKWASHER	76	9	809963042	O-RING	58	21
809963129	WASHER Seal	20	3	809963129	WASHER Seal	22	3
809963129	WASHER Seal	54	6	809963201	WASHER	30	17
809963201	WASHER	76	3	809963342	O-RING	24	17
809963342	O-RING	40	4	809963354	WASHER	52	3
811379001	FLANGE ASSEMBLY	50	6	811388	SPRING	40	12
811394	BOLT Banjo	38	10	811401001	SCREW	54	11
811410	SCREW (M14)	20	9	811410	SCREW (M14)	22	9
811415	SCREW	42	5	811431	SET SCREW (M6 x 3)	44	8
811435	CLAMP	24	9	811460	LOCKWASHER	80	18
811461	O-RING	24	14	811464	HOSE	24	10
811466	SLEEVE	24	16	811467	CLIP	24	20
811467	CLIP	52	18	811483	WASHER	26	8
811485	O-RING	26	4	811487	PLUG Anode Assembly	26	7
813406	O-RING	104	19	813407	O-RING	104	18
814324A04	STOP LANYARD SWITCH KIT Dual 2-Pin Connectors	114	-	815419	FLUID FILTER KIT	104	17
815504105	CLAMP Worm Gear (11-18 mm)	88	23	815504210	CLAMP Worm Gear	88	24
815504224	CLAMP Worm Gear	76	12	815504272	CLAMP Worm Gear	60	14
815504272	CLAMP Worm Gear	62	15	815504272	CLAMP Worm Gear	64	14
816172	HOSE	76	11	816339	NOZZLE	76	10
816492A1	ALARM ASSEMBLY Audio Warning	116	-	816554	TUBE Oil	52	8
817089	GASKET Exhaust	60	2	817089	GASKET Exhaust	62	4
817089	GASKET	62	27	817089	GASKET Exhaust	64	2
817415T	SHAFT	98	26	817416A4	HOUSING ASSEMBLY	100	43
817417T	SPACER	98	39	817505	SCREW (.250-20 x .620) Stainless Steel	88	8
818170A2	FITTING	78	1	818170A2	FITTING	100	56
818170T	FITTING	78	4	818171T	VALVE	78	3
818171T	VALVE	100	57	818172	CONNECTOR	78	2
818172	CONNECTOR	100	58	818304A1	BLOCK OFF KIT	98	33
818305	GASKET	98	32	82670815	NUT (.437-20)	98	28
82670815	NUT (.437-20)	102	16	826709109	NUT (.250-28) Stainless Steel	82	8
8267119	NUT (.250-28)	80	10	841897T	RING Retaining	98	23
841897T	RING Retaining	102	14	844886	SCREW (.250-20 x 4.250)	92	19
844886	SCREW (.250-20 x 4.250)	94	4	845174	PLUG (.500-14 x .610) Brass	86	17
853219	SCREW (M8 x 25)	86	8	853451	SCREW (M10 x 30)	86	3
853451	SCREW (M10 x 30)	86	16	854041	VALVE	44	18
854044001	SCREW	70	2	854047	GASKET Oil Cap	38	15
854048001	CAP Oil	38	14	854050	SEPARATOR Oil	16	6
854051	PLUG Plastic	38	3	854052	SLEEVE	52	17
854057001	ROCKER ARM ASSEMBLY	40	8	854058T	BRACKET Rocker Arm	40	7
854063	LIFTER Roller	42	2	854064	PUSH ROD	42	20
854066	BRACKET	42	19	854068	SEAL Valve	40	14
854070001	VALVE GUIDE (.10 mm)	40	15	854073001	VALVE Intake	40	17
854074	VALVE Exhaust	40	18	854080	PLUG	40	2
854087001	PUMP Oil	42	6	854096001	GASKET	36	10
854101	GASKET Air Cooler	26	9	854112	DEFLECTOR Oil	52	9
854117	GASKET	58	9	854122001	NUT (M10)	70	6
854153001	FITTING	28	18	854155001	SCREW	70	9
854171	GASKET	54	5	854173	HOSE Water	54	14
854177001	CLAMP	22	2	854177001	CLAMP	54	10
854177001	CLAMP	84	19	854189	CLAMP	16	5
854189	CLAMP	84	7	854189	CLAMP	92	27
854214001	GASKET Air Cooler	26	22	854216001	HOUSING	26	21
855381	MOUNT Engine	44	15	8553871	SUPPORT	84	2

Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
8553871	SUPPORT	88	2	8553871	SUPPORT	92	2
855454	ENGINE MOUNT	66	4	855459	SLEEVE Rubber	38	21
855461	BUSHING Standard Thrust	42	15	855463	ADAPTER	44	19
855471	STUD (M10 x 20)	70	8	855477001	O-RING	52	13
855483	BLANKET Flextube	60	9	855483	BLANKET Flextube	62	10
855483	BLANKET Flextube	64	9	855516	WASHER Seal	30	19
860602	TUBE Exhaust	64	13	860603	FILTER Seawater	76	1
86166Q1	GLUE	82	-	861776A2	PLATE KIT	60	18
861776A2	PLATE KIT	62	19	861776A2	PLATE KIT	98	13
863132	SPACER	82	17	863133	SPACER	82	15
8631341	LEVER	82	3	863744T2	TRANSMISSION (1.5:1 Ratio) Down Angle	104	1
863744T3	TRANSMISSION (2.0:1 Ratio) Down Angle	104	1	863744T4	TRANSMISSION (2.50:1 Ratio) Down Angle	104	1
863745T2	TRANSMISSION (1.5:1 Ratio) V Drive	104	1	863745T3	TRANSMISSION (2.0:1 Ratio) V Drive	104	1
863745T4	TRANSMISSION (2.5:1 Ratio) V Drive	104	1	864361	STUD	82	5
864386	SPACER	82	11	864616	RETAINER	82	14
865076	SCREW (6-32 x 1.25)	82	13	865154A02	STUD KIT (.250-20/.250-28 x 2.120)	80	2
865181T01	HARNESS ASSEMBLY Mercathode	96	2	865205	CLIP	116	-
865330A02	MOUNT KIT Rubber	68	7	865389068	HOSE Male Quick Connect	84	17
865390053	HOSE Female Quick Connect	84	16	865390134	HOSE Male Quick Connect	98	18
865434A02	RETAINER KIT	80	3	865664	PRESSURE TRANSDUCER 500 PSI	104	15
865703T02	TRANSMISSION (1.5:1 Ratio) Down Angle	104	1	865703T03	TRANSMISSION (2.0:1 Ratio) Down Angle	104	1
865703T04	TRANSMISSION (2.50:1 Ratio) Down Angle	104	1	865704T02	TRANSMISSION (1.5:1 Ratio) V Drive	104	1
865704T03	TRANSMISSION (2.0:1 Ratio) V Drive	104	1	865704T04	TRANSMISSION (2.5:1 Ratio) V Drive	104	1
866689	HOSE Female Quick Connect	98	17	866910	CD Service Literature	2	-
866911	CD OEM Literature	2	-	866920060	INSTALLATION MANUAL 2.8L/4.2L Sterndrive	2	-
866920081	INSTALLATION MANUAL Axius Diesel 2.8/4.2L	2	-	866921060	INSTALLATION MANUAL 2.8L/4.2L Inboard	2	-
866933060	OPERATION MANUAL 2.8L/4.2L Sterndrive	2	-	866933081	OPERATION MANUAL Axius Diesel 2.8/4.2L	2	-
866934060	OPERATION MANUAL 2.8L/4.2L Inboard	2	-	877523	VALVE Trolling	104	-
878492T16	JUNCTION BOX 6 Way	112	-	879148001	ECM Engine Control Module - 350 HP 4.2L	8	17
879148002	ECM Engine Control Module - 320 HP 4.2L	8	17	879148003	ECM Engine Control Module - 270 HP 4.2L	8	17
879148010	BOLT	40	5	879148013	WASHER	6	12
879148014	GASKET	38	18	879150027	WATER STRAINER ASSEMBLY	78	5
879150028	PLUG	58	29	879150053	SENSOR Fuel Temperature	20	14
879150053	SENSOR Fuel Temperature	22	14	879150056	SCREW (M10x1.5x120)	68	10
879150057	SCREW (M12x1.75x50)	68	9	879150058	SCREW (M12x1.75x130)	68	11
879150060	LOCKWASHER	68	5	879150061	SCREW (M8x1.25x20)	68	4
879150074	SPACER	32	3	879150075	SPACER	32	2
879150077	SPACER	32	4	879150078	BRACKET	32	7
879150079	SCREW	32	8	879150080	BRACKET	32	9
879150081	BELT COVER	32	10	879150101	HOSE	84	6
879150103	LONGBLOCK 4.2L	2	-	879150104	FLYWHEEL HOUSING	66	15
879150147	PISTON ASSEMBLY With Rings and Pin	48	8	879150147	PISTON ASSEMBLY With Rings and Pin	48	8
879150147	PISTON ASSEMBLY With Rings and Pin	48	8	879150147	PISTON ASSEMBLY With Rings and Pin	48	8
879150147	PISTON ASSEMBLY With Rings and Pin	48	8	879150147	PISTON ASSEMBLY With Rings and Pin	48	8
879172010	HARNESS Extension	10	10	879172011	CABLE ASSEMBLY Power Supply	10	6
879172086	SCREW	26	1	879172086	SCREW	30	27
879172103	VALVE Regulating	18	1	879172104	FILTER Fuel	20	15
879172104	FILTER Fuel	22	15	879172105	SENSOR Rail Fuel Pressure	18	27
879172108	SENSOR Water	20	16	879172108	SENSOR Water	22	16
879172109	SENSOR Engine Oil Pressure and Temperature	10	8	879172112	O-RING	10	5
879172138	VALVE Pressure	18	17	879172157	TUBE Flex	64	8
879172216	LINER KIT Cylinder	48	2	879172216	LINER KIT Cylinder	48	2
879172216	LINER KIT Cylinder	48	2	879172216	LINER KIT Cylinder	48	2
879172216	LINER KIT Cylinder	48	2	879172216	LINER KIT Cylinder	48	2
879172T	BRACKET High Pressure Filter	94	8	879194076	COVER Use With Design-I Exhaust Elbow	4	4
879194077	BRACKET	6	6	879194079	WIRE Water Temperature	10	4
879194110	HARNESS ASSEMBLY Fuel System	10	7	879194112	BRACKET AND HARNESS Engine Interface	10	12
879194113	CABLE ASSEMBLY Neutral	10	11	879194114	WASHER	10	2
879194114	WASHER	54	4	879194114	WASHER	58	2
879194115	SPRING	18	13	879194116	GASKET	18	9
879194117	SCREW	26	20	879194118	COVER	26	2

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879194119	LIFTING EYE	26	16	879194120	PUMP ASSEMBLY Injection	18	7
879194121	SCREW	84	14	879194123	WASHER	72	5
879194123	WASHER	74	5	879194124	COVER KIT Rocker Arm	38	1
879194125	BEARING ASSEMBLY (.25 mm)	46	4	879194125	BEARING ASSEMBLY (.25 mm)	48	4
879194126	SCREW	42	18	879194127	COUPLING KIT Oil Separator	38	4
879194130	BRACKET	18	23	879194131	BRACKET	16	10
879194132	BRACKET	16	4	879194133	BRACKET	66	13
879194134	BRACKET	18	19	879194135	BRACKET	30	7
879194137	GASKET	24	8	879194139	SCREW	42	10
879194140	WASHER	42	3	879194141	WASHER	42	12
879194142	PIPE	20	11	879194142	PIPE	22	11
879194143	PIPE	20	21	879194143	PIPE	22	21
879194144	PIPE	20	24	879194144	PIPE	22	24
879194145	PIPE Filter and Rail to Refuse	20	1	879194145	PIPE Filter to Refuse	20	1
879194145	PIPE	22	1	879194146	PIPE Rail to Refuse	20	1
879194146	PIPE	20	26	879194147	PIPE	20	6
879194147	PIPE	20	19	879194147	PIPE	22	19
879194148	PLUG	52	2	879194150	PIPE	72	9
879194152	GASKET SET Cylinder Head	110	2	879194154	GASKET SET Engine	110	1
879194155	COVER	28	2	879194156	SCREW	58	3
879194157	PIPE	58	23	879194158	STUD	24	12
879194159	STUD	30	11	879194160	PLUG	30	20
879194161	CAP	56	11	879194162	PLUG AND DOWEL KIT	44	4
879194167	BEARING SET Standard	50	10	879194168	BEARING SET (.25 mm)	50	10
879194172	O-RING SET	46	5	879194172	O-RING SET	48	5
879194173	BUSHING KIT Standard	42	1	879194174	BUSHING KIT (.25 mm)	42	1
879194175	PLUG KIT Head	40	1	879194176	SCREW	52	15
879194177	VALVE Waste Gate	58	25	879194178	FLYWHEEL HOUSING	66	15
879194179	SEAL Mechanical	72	3	879194180	DAMPER Vibration	56	7
879194184	ADAPTER	20	17	879194185	COOLER KIT Oil	28	1
879194186	IMPELLER KIT	72	2	879194187	HOUSING, Thermostat	56	20
879194189	VALVE KIT Oil Jet	44	1	879194190	TANK Expansion	56	1
879194191	BODY Exchanger	28	20	879194198	CRANKSHAFT	50	13
879194199	GEAR ASSEMBLY Driving	42	9	879194205	SHAFT Idler	42	8
879194206	BODY Intercooler	26	25	879194207	REFUSE ASSEMBLY Fuel	20	7
879194207	REFUSE ASSEMBLY Fuel	22	7	879194208	PIPE ASSEMBLY	18	16
879194214	TUBE NEST	28	6	879194215	VALVE Thermostat	56	24
879194217	ANODE ASSEMBLY	30	3	879194219	CLAMP	8	14
879194220	BRACKET	8	18	879194377	PLUG	26	11
879194378	LIFTING EYE	58	12	879194430	WASHER	26	NS
879194540	COVER Use With Design-II Exhaust Elbow	4	4	879194A03	GIMBAL BEARING KIT	102	12
879194T42	SPACER	100	52	879194T46	SHIFT ACTUATOR	82	2
879194T46	SHIFT ACTUATOR Sterndrive Gear Shift	114	-	879194T51	PUMP Hydraulic	86	1
879194T52	COOLER	88	11	879194T52	COOLER	92	11
879271	SCREW	8	1	879272	SPACER	8	2
879273	NUT	8	3	879273	NUT	32	6
879274	SCREW	8	4	879275	NUT	8	5
879275	NUT	32	5	879275	NUT	84	5
879275	NUT	88	5	879275	NUT	92	5
879276	BRACKET	8	6	879277	RELAY	8	8
879278	SCREW	8	9	879280	LEVER	8	12
879281	NUT	8	13	879282	SCREW	8	15
879282	SCREW	32	1	879282	SCREW	84	15
879283	SCREW	8	16	879284	BRACKET	8	19
879285	SCREW	8	20	879286	SCREW	8	21
879287	BRACKET	8	22	879288	GASKET	8	23
879288074	RING SET	48	10	879288074	RING SET	48	10
879288074	RING SET	48	10	879288074	RING SET	48	10
879288074	RING SET	48	10	879288074	RING SET	48	10
879288T	FILTER	92	7	879288T	FILTER High Pressure	94	1
879312026	SEAL	74	4	879312T	HARNESS ASSEMBLY Extension (5 Feet) VIP	116	-

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879312T01	HARNESS ASSEMBLY Extension (10 Feet) VIP	116	-	879312T02	HARNESS ASSEMBLY Extension (15 Feet) VIP	116	-
879312T03	HARNESS ASSEMBLY Extension (20 Feet) VIP	116	-	879312T04	HARNESS ASSEMBLY Helm DTS Single Engine	116	-
879312T05	HARNESS ASSEMBLY Helm DTS Twin Engine	116	-	879312T09	HARNESS ASSEMBLY Extension On/Off F/R with Trolling (Feul Injector)	114	-
879312T10	HARNESS ASSEMBLY Extension Gear Actuation, On/Off F/R DIN Connector	114	-	879312T11	HARNESS ASSEMBLY Extension Proportional F/R with Trolling DIN Connector	114	-
879312T12	HARNESS ASSEMBLY Extension Shift Actuator (DTS)	114	-	879312T13	HARNESS ASSEMBLY DTS Sterndrive Neutral Safety Adapter	114	-
879312T14	HARNESS ASSEMBLY QSD Inboard Neutral Safety Harness, Non-DTS Drive Application Harness	114	-	879312T20	HARNESS Adapter (Halon and Keyswitch) Keyswitch/Halon Adapter	116	-
879312T21	HARNESS ASSEMBLY Panel Mount Lanyard Adapter	114	-	879312T23	HARNESS ASSEMBLY On/Off F/R (Feul Injector)	114	-
879312T27	BRACKET Shift	82	1	879312T27	BRACKET Sterdrive Gear Shift	114	-
879312T49	HARNESS ASSEMBLY Non-DTS Helm, Single & Twin Engine	114	-	879345T35	PULLEY Hydraulic Pump	86	7
879345T36	PULLEY Crankshaft	36	6	879345T37	BELT 6 Rib	86	6
879711	SCREW	66	1	879721	GASKET	60	6
879721	GASKET	62	7	879721	GASKET	64	6
88031	SWITCH ASSEMBLY	104	9	881132T	FILTER	88	10
881746	SPACER	38	16	881787	HOUSING Flywheel Housing (SAE5)	70	1
881787	HOUSING	98	12	881789	SEAL Oil	36	11
881791	WASHER	26	5	881791	WASHER	38	23
881791	WASHER	54	16	882751	RELAY	116	-
883967	HOSE	84	18	883968	HOSE Cut to Length, Cooler to Reservoir	92	21
884004	GASKET Exhaust	54	19	884006	BEARING (.10 mm) Thrust	50	9
884011001	FLANGE ASSEMBLY	50	1	884011002	FLANGE ASSEMBLY	50	1
884027	SEAL	50	12	884028	O-RING	66	18
884028001	O-RING	50	11	88543A3	CABLE ASSEMBLY	96	9
887767K01	SWITCH KIT Start/Stop - Single	112	-	887767K02	SWITCH KIT Start/Stop - Dual 1st or 2nd Station	112	-
889152	VALVE Boiler	30	18	889152	VALVE Boiler	58	27
889153	WASHER	20	10	889153	WASHER	22	10
889153	WASHER	44	17	889153	WASHER	52	4
889153	WASHER	58	4	889154	COVER	58	1
889341	TURBOCHARGER	24	11	889514A01	SWITCH	82	12
889514A01	SWITCH Actuator	114	-	889855	PLUG Expansion	40	3
889856	LINE Oil	38	22	889857	CYLINDER LINER	46	11
889857	CYLINDER LINER	48	11	889860	CONNECTING ROD ASSEMBLY	46	1
889860	CONNECTING ROD ASSEMBLY	48	1	889861	BOLT	46	3
889861	BOLT	48	3	889870	SENSOR Map	26	18
889883	PIPE Oil	24	1	889889	STRIP Manifold	54	20
889898001	CLEANER ASSEMBLY Air	24	6	889919	SPACER Oil Line	24	15
891726	LINER KIT Cylinder	46	2	891726	LINER KIT Cylinder	46	2
891726	LINER KIT Cylinder	46	2	891726	LINER KIT Cylinder	46	2
891726	LINER KIT Cylinder	46	2	891726	LINER KIT Cylinder	46	2
891727001	PISTON ASSEMBLY With Rings and Pin	46	8	891727001	PISTON ASSEMBLY With Rings and Pin	46	8
891727001	PISTON ASSEMBLY With Rings and Pin	46	8	891727001	PISTON ASSEMBLY With Rings and Pin	46	8
891727001	PISTON ASSEMBLY With Rings and Pin	46	8	891727001	PISTON ASSEMBLY With Rings and Pin	46	8
893388A01	CAP Resistor - 2 Pin, 120 Ohm (CAN 1, 2 and 3)	116	-	893452A01	CABLE ASSEMBLY Link CAN P, Jumper between Helms port and starboard	116	-
895207	FILTER ELEMENT	28	13	896315	FILTER Oil	28	10
896332	BOLT	80	17	896332010	GEAR Crankshaft	50	14
896332013	SCREW (M8 x 18)	42	4	896332019	NUT Rocker Arm	40	9
896332020	BRIDGE Head, Front	38	12	896332021	CLAMP Head	38	8
896332027	CLAMP Fixing	38	20	896332035	BRACKET	66	17
896332035	BRACKET	98	7	896332037	PIN	50	4
896332039	SPACER	4	2	896332057	IDLER PULLEY	6	4
896332059	O-RING	72	4	896332065	CLAMP Stainless	20	2
896332065	CLAMP Stainless	22	29	896332065	CLAMP Stainless	54	12
896332067	CLAMP	54	21	896332067	CLAMP	60	21
896332067	CLAMP	62	22	896332076	O-RING	28	15
896332080	COVER Back	28	14	896332084	CLAMP	20	20
896332084	CLAMP	22	20	896332084	CLAMP	72	13
896332084	CLAMP	74	13	896332085	CLAMP	20	25

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896332085	CLAMP	60	11	896332085	CLAMP	62	12
896332085	CLAMP	64	11	896332085	CLAMP	72	12
896332085	CLAMP	74	12	896332085	CLAMP	78	9
896332092	HOSE	72	14	896332092	HOSE	74	14
896332093	SPRING	72	11	896332093	SPRING	74	11
896332095	THERMOSTAT VALVE	28	11	896332096	O-RING	28	16
896332097	PLUG	28	17	896332097	PLUG	60	4
896332097	PLUG	64	4	896332105	HOSE	20	6
896332106	CLAMP	16	2	896332106	CLAMP	84	20
896332107	ADAPTER Fuel	20	18	896332109	HOSE	30	15
896332110	COOLER Fuel	20	23	896332110	COOLER Fuel	22	23
896332116	WASHER	18	8	896332116	WASHER	26	17
896332120	O-RING	44	3	896332121	PIN Taper	44	10
896332126	O-RING	30	2	896332128	CORE INSERT	30	9
896332129	STUD	30	24	896332130	WASHER	30	4
896332131	PLATE	30	22	896332134	COVER Heat Exchanger	30	21
896332137	WASHER	56	8	896332138	SEAL	56	3
896332140	WASHER	56	2	896332141	BOLT	56	10
896332143	BRACKET	56	5	896332144	BRACKET	56	6
896332145	O-RING	56	26	896332147	O-RING	56	21
896332150	PLATE	56	22	896332151	O-RING	56	4
896332152	COOLER	30	13	896332153	SPACER	30	26
896332155	GASKET	24	2	896332161	HOSE	24	21
896332164	CLAMP	60	1	896332164	CLAMP	62	3
896332164	CLAMP	62	26	896332164	CLAMP	64	1
896332166	HOSE	64	12	896332171	O-RING	30	16
896332179	GASKET	56	19	896332185	DRAIN HOSE	52	12
896332186	PUMP	52	16	896332188	HOSE	16	1
896332191	STARTER MOTOR ASSEMBLY	66	10	896332192	NUT	66	8
896332197	SCREW	66	7	896332199	ADAPTER	66	9
896332201	FASTENER	66	6	896332202	COVER PLATE Flywheel Housing (SAE4)	70	7
896332203	SCREW	70	4	896332204	COVER PLATE Flywheel Housing (SAE4)	70	5
896332205	ADAPTER PLATE (SAE5 to SAE4)	70	3	896332209	BRACKET	84	3
896332209	BRACKET	88	4	896332209	BRACKET	92	3
896332211	ADAPTER	84	21	896332232	CLAMP Cable	16	15
896332233	SWIVEL ASSEMBLY	8	11	896332234	FLYWHEEL	66	2
896332235	RING GEAR	66	3	896332236	PIN	66	20
896332240	O-RING	66	11	896332242	BOLT	98	36
896332246	HOUSING ASSEMBLY	68	6	896332248	CLAMP ASSEMBLY	108	4
897345001	OIL RESERVOIR	84	1	897345001	OIL RESERVOIR	88	1
897345001	OIL RESERVOIR	92	1	897345016	PUMP	74	1
897345017	HOSE	74	9	898101410	COVER ASSEMBLY Front	36	8
898101411	CAMSHAFT ASSEMBLY	42	16	898101412	RING SET Piston	46	10
898101412	RING SET Piston	46	10	898101412	RING SET Piston	46	10
898101412	RING SET Piston	46	10	898101412	RING SET Piston	46	10
898101412	RING SET Piston	46	10	898101414	BEARING ASSEMBLY Standard	46	4
898101414	BEARING ASSEMBLY Standard	48	4	898101415	CYLINDER HEAD	40	22
898101417	PUMP ASSEMBLY Injection	42	7	898101418	SUMP ASSEMBLY Oil 4.2L	52	1
898101419	PIPE KIT	18	15	898101422	COUPLING KIT	38	13
898101423	INJECTOR ASSEMBLY	18	14	898101424	PUMP Water	56	18
898101425	TENSIONER	34	3	898101426	VALVE ASSEMBLY	58	26
898101428	COVER	54	2	898101432	BRACKET	34	5
898101433	BRACKET	6	3	898101434	BRACKET	84	10
898101435	BRACKET	84	13	898101436	BRACKET	28	5
898101437	BRACKET	44	13	898101438	BRACKET	44	20
898101440	LIFT HOOK	6	8	898101441	PULLEY Crankshaft	36	4
898101442	PULLEY	72	8	898101442	PULLEY	74	8
898101443	RING GEAR	50	8	898101444	PUMP Gear Injection	18	4
898101445	GEAR Camshaft	42	11	898101446	DIPSTICK Oil	52	11
898101447	MANIFOLD Exhaust	58	14	898101448	TUBE Flex	60	8

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898101448	TUBE Flex	62	9	898101450	MANIFOLD Front	54	1
898101451	DIPSTICK TUBE	52	14	898101453	HOSE	78	10
898101454	PIPE	16	8	898101455	PIPE	16	9
898101456	PIPE	54	9	898101457	PIPE	16	12
898101458	PIPE	16	13	898101459	PIPE	54	8
898101460	CLAMP	18	10	898101463	PIPE	18	22
898101464	BUSHING Piston	46	6	898101464	BUSHING Piston	48	6
898101465	SCREW	44	2	898101469	ADAPTER	20	5
898101469	ADAPTER	22	5	898101470	NUT	36	1
898101471	WASHER	18	11	898101473	SCREW	54	18
898101474	SCREW	38	5	898101475	GASKET Turbo	24	13
898101476	GASKET Wastegate	58	28	898101477	GASKET (1.41 mm) Fronthead	40	19
898101478	GASKET (1.51 mm) Fronthead	40	19	898101479	GASKET (1.61 mm) Fronthead	40	19
898101480	GASKET (1.41 mm) Rearhead	40	20	898101481	GASKET (1.51 mm) Rearhead	40	20
898101482	GASKET (1.61 mm) Rearhead	40	20	898101483	GASKET	58	7
898101484	GASKET	56	17	898101487	GASKET Injection Pump	18	5
898101489	DAMPER	36	2	898101490	HEAT EXCHANGER	30	12
898101491	HEAT EXCHANGER	28	19	898101492	HEAT EXCHANGER	26	13
898101498	POTENTIOMETER TPS	8	10	898101500	FUEL RAIL ASSEMBLY	18	25
898101501	PUMP Seawater	72	1	898101502	PUMP	84	8
898101503	FILTER ASSEMBLY Fuel	20	13	898101503	FILTER ASSEMBLY Fuel	22	13
898101505	ALTERNATOR	6	1	898101511	CLAMP	6	11
898101512	CLAMP	18	21	898101513	STUD (M8 x 35)	28	7
898101514	STUD (M8 x 28)	58	15	898101515	STUD	58	16
898101517	STUD	50	3	898101517	STUD	58	10
898101517	STUD	60	10	898101517	STUD	62	11
898101517	STUD	64	10	898101518	STUD	58	20
898101519	STUD	26	10	898101520	STUD	18	3
898101520	STUD	40	6	898101521	STUD	26	14
898101522	BOLT (M12 x 70)	34	2	898101523	BOLT (M6 x 15)	50	7
898101524	SCREW	10	1	898101525	SCREW	58	24
898101526	SCREW	54	3	898101528	SCREW	36	7
898101529	SCREW	58	6	898101530	SCREW	38	2
898101532	SCREW	56	23	898101533	SCREW	18	12
898101534	SCREW	72	6	898101534	SCREW	74	6
898101538	KEY Crankshaft	50	5	898101539	PIN	34	4
898101540	NUT (M5)	10	21	898101540	NUT (M5)	16	16
898101541	NUT	16	3	898101542	NUT	6	5
898101542	NUT	18	2	898101542	NUT	24	5
898101542	NUT	26	12	898101542	NUT	28	9
898101542	NUT	30	1	898101542	NUT	50	2
898101542	NUT	56	12	898101542	NUT	58	17
898101542	NUT	60	5	898101542	NUT	62	6
898101542	NUT	64	5	898101543	NUT	20	8
898101543	NUT	22	8	898101544	NUT	58	8
898101545	NUT	18	6	898101546	SCREW	38	19
898101546	SCREW	56	13	898101547	SCREW	16	14
898101548	SCREW	6	7	898101549	SCREW	16	7
898101549	SCREW	18	18	898101549	SCREW	52	10
898101550	SCREW	16	11	898101550	SCREW	18	20
898101550	SCREW	26	19	898101550	SCREW	52	6
898101551	SCREW	56	9	898101552	SCREW	36	12
898101553	SCREW	4	1	898101553	SCREW	24	19
898101553	SCREW	28	3	898101553	SCREW	72	7
898101553	SCREW	74	7	898101553	SCREW	84	4
898101553	SCREW	88	3	898101553	SCREW	92	4
898101554	SCREW	56	16	898101555	SCREW	6	10
898101555	SCREW	18	26	898101555	SCREW	24	3
898101555	SCREW	58	11	898101555	SCREW	60	7
898101555	SCREW	62	8	898101555	SCREW	64	7
898101555	SCREW	66	14	898101556	SCREW	30	8

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898101558	SCREW	56	15	898101560	SCREW	6	13
898101560	SCREW	56	14	898101561	SCREW	26	15
898101561	SCREW	62	24	898101562	SCREW	28	4
898101562	SCREW	36	3	898101563	SCREW	6	2
898101563	SCREW	66	19	898101563	SCREW	98	37
898101564	SCREW	20	12	898101564	SCREW	22	12
898101564	SCREW	66	5	898101565	SCREW	30	6
898101566	SCREW	44	16	898101566	SCREW	66	16
898101566	SCREW	98	10	898101569	SCREW	6	9
898101570	SCREW	34	6	898101571	SCREW	84	11
898101572	DAMPER	8	7	898101574	SENSOR Water Temp	54	7
898101575	SENSOR Crankshaft Speed	10	3	898101576	SENSOR Camshaft Position	10	9
898101579	BELT	34	1	898101580	BELT	84	9
898101728	HARNESS Alternator Diode Alternator	10	13	898101743	CIRCUIT BREAKER 5 Amphere	10	-
898101744	CIRCUIT BREAKER 10 Amphere	10	-	898101745	CIRCUIT BREAKER 15 Amphere	10	-
898101746	CIRCUIT BREAKER 20 Amphere	10	-	898101750	BOLT	20	4
898101750	BOLT	22	4	898101767	PLUG	28	12
898101767	PLUG	44	5	898101770	WASHER	44	14
898101770	WASHER	66	12	898143	BRACKET	30	10
898181002	PARTS MANUAL Cummins/Mercruiser Diesel QSD-4.2L	2	-	898182	HOSE	108	2
898182	HOSE	108	3	898184	HOSE	60	12
898184	HOSE	62	13	898272001	PIN Cover Mount	4	3
898272013	ELEMENT	26	3	898272015	COVER	26	24
898272035	BRIDGE	38	17	898272048	ELEMENT Foam	24	7
898272062	WASHER	38	11	898289T17	DTS SMART JUNCTION BOX With repeater, Twin Engine	116	-
898289T23	DTS SMART JUNCTION BOX Without repeater, Twin Engine	116	-	899887T01	HARNESS ASSEMBLY Wiring, Non-DTS Extension, Sterndrive Neutral Safety	114	-
899887T02	HARNESS ASSEMBLY Drive Application Inboard, DTS	114	-	899887T05	HARNESS ASSEMBLY Wiring, Non-DTS	112	-
899887T06	HARNESS ASSEMBLY Wiring Tee	112	-	899887T06	HARNESS ASSEMBLY Wiring	114	-
899887T13	HARNESS ASSEMBLY Wiring, Power (10 Feet)	114	-	899887T14	HARNESS ASSEMBLY Wiring, Power (20 Feet)	114	-
8M0021527	DECAL CMD, QSD 4.2 Litre	2	-	8M0022416	MODULE CCM 48 Unprogrammed	116	-
8M0034249	SOLENOID	104	16	8M0047331	TOOL ECM Reflash	2	-
8M0047359	CABLE Mercathode	10	26	8M0047360	CABLE Alternator	10	25
8M0047361	NUT (M4)	10	22	8M0047362	SCREW (M4 x 14)	10	23
8M0047363	BRACKET	10	24	8M0047364	RELAY BOX	10	15
8M0047365	HARNESS Engine	10	14	8M0047366	RELAY	10	16
8M0047367	CIRCUIT BREAKER 10 Amphere, Auto Reset	10	17	8M0047368	CIRCUIT BREAKER 15 Amphere, Auto Reset	10	18
8M0047369	CIRCUIT BREAKER 5 Amphere, Auto Reset	10	19	8M0047370	CIRCUIT BREAKER 20 Amphere, Auto Reset	10	20
8M0049966	HOSE	62	5	8M0049969	BRACKET	62	25
8M0049970	ELBOW, EXHAUST	62	1	8M0056956	IMPELLER	74	3
8M0056957	REPAIR KIT Water Pump	74	2	8M0064822	PIPE	62	16
8M0065248	HOSE KIT 36.75 Inch Pump to Filter	92	25	8M0070066	VESSEL INTERFACE PANEL IB SC 2.2 (DTS)	14	-
8M0070068	VESSEL INTERFACE PANEL IB W/Troll SC 2.2 (DTS)	14	-	8M0070069	VESSEL INTERFACE PANEL Sterndrive SC 2.2 (DTS)	14	-
8M0070070	VESSEL INTERFACE PANEL Axius GEN II Diesel SC 2.5	14	-	8M0070071	VESSEL INTERFACE PANEL IB SC 2.2 (Non DTS)	14	-
8M0070072	VESSEL INTERFACE PANEL Sterndrive SC 2.2 (Non DTS)	14	-	8M0070839	VESSEL INTERFACE PANEL Axius GEN I Diesel SC 2.2	14	-
8M0075826	SIM MODULE IB 2.2 (DTS)	14	12	8M0075826	SIM MODULE IB 2.2 (DTS)	114	-
8M0075829	SIM MODULE IB+TROLL 2.2 (DTS)	14	12	8M0075829	SIM MODULE IB+TROLL 2.2 (DTS)	114	-
8M0075833	SIM MODULE Sterndrive 2.2 (DTS)	14	12	8M0075833	SIM MODULE Sterndrive 2.2 (DTS) DTS	114	-
8M0075835	SIM MODULE Sterndrive 2.2 (Non DTS)	14	12	8M0075835	SIM MODULE Sterndrive 2.2 (Non DTS) (Non-DTS)	114	-
8M0075841	SIM MODULE Axius GEN I Diesel SC 2.2	14	12	8M0075841	SIM MODULE Axius GEN I Diesel SC 2.2	114	-
8M0075842	SIM MODULE Axius GEN II Diesel SC 2.5	14	12	8M0075842	SIM MODULE Axius GEN II Diesel SC 2.5	114	-
8M0075843	SIM MODULE IB 2.2 (NON DTS)	14	12	8M0075843	SIM MODULE IB 2.2 (NON DTS)	114	-
8M0084947	BRACKET	66	21	8M0090361	DECAL SET Mercury Diesel, 2.8 / 4.2L	2	-
8M0092403	HOSE	72	10	8M0092403	HOSE	74	10
8M0106961	TAILSTOCK KIT QSD	102	-	8M0120305	HOSE	22	26
8M0120306	HOSE	22	6	8M0120307	HOSE	22	27

Part No.	Description	Pg.	Ref.no	Part No.	Description	Pg.	Ref.no
8M0120308	HOSE	22	28	8M0120310	FITTING	22	18
8M0120312	FITTING Tee	22	17	8M0120386	HOSE	20	27
8M0120387	HOSE	20	27	8M0137544	COVER Heat Exchanger	30	5
8M0137545	CORE INSERT Core Insert	30	25	8M0137547	EXCHANGER BODY	30	23
8M0140542	O-RING	56	25	8M0150290	STRAINER BASKET	78	8
8M0150291	O-RING	78	7	8M0150292	COVER ASSEMBLY	78	6
8M2001484	CLAMP (8 - 16 mm)	90	11	8M2001486	CLAMP Worm Gear (16-27 mm)	90	10
8M2001486	CLAMP Worm Gear (16-27 mm)	92	28	8M2001486	CLAMP Worm Gear (16-27 mm)	100	55
8M2004358	PANEL Electrical - Vessel Interface	12	-	8M2004359	PANEL Electrical - Vessel Interface	12	-
8M2004360	SIM MODULE Interface Non-DTS	12	9	8M2004361	PANEL Electrical - Vessel Interface	12	1
8M2004362	SIM MODULE Interface Non-DTS	12	9	8M2004603	O-RING	86	14
8M2005497	VIBRATION ISOLATOR KIT	12	10	8M2005497	VIBRATION ISOLATOR KIT	14	4
8M2005498	BREAKER Circuit - 5 Ampere	12	7	8M2005498	BREAKER Circuit - 5 Ampere	14	6
8M2005499	BREAKER Circuit - 10 Ampere	12	6	8M2005499	BREAKER Circuit - 10 Ampere	14	5
8M2005500	RELAY	12	2	8M2005500	RELAY	14	2
8M2005501	CLIP	12	3	8M2005501	CLIP	14	3
8M2005502	TOGGLE SWITCH On/Off SPST	12	4	8M2005503	TOGGLE SWITCH On/Off DPST	12	5
8M2005504	CAP Dust	12	8	8M2005504	CAP Dust	14	8
8M2007090	FITTING (-6) ORF TO (-8) ORB, Straight Pump Drain	86	18	8M2007281	FITTING	86	13
8M2007285	O-RING	86	12	8M2007285	O-RING	86	15
8M2008373	FITTING (1.25 in.)	86	10	8M2008373	FITTING (1.25 in.)	90	6
8M2008374	FITTING	88	22	8M2008374	FITTING	92	29
8M2008541	O-RING	86	11	8M2010067	SHIFT ACTUATOR ASSEMBLY	82	-
8M2010067	SHIFT ACTUATOR ASSEMBLY DTS Sterndrive	114	-	8M2010478	FITTING	88	7
8M2010478	FITTING	88	19	8M2011449	PANEL Electrical - Vessel Interface	14	1
8M2011449	PANEL Electrical - Vessel Interface QSD 48	114	-	8M2011907	BREAKER Circuit - 15 Ampere	14	7
8M2011935	ISOLATOR KIT Vibration CCM Mounting Hardware	116	-	8M2012384	CABLE ASSEMBLY	100	54
8M2013910	HARNESS/SWITCH ASSEMBLY eStop	116	-	8M2015913	PLUG (.250-28 x .320)	98	5
8M2015913	PLUG (.250-28 x .320)	102	2	8M2015982	FITTING Adapter (-6ORF TO -8ORB)	92	8
8M2015982	FITTING Adapter (-6ORF TO -8ORB)	94	5	8M2016253	SCREW	88	18
8M2016253	SCREW	92	13	8M2016254	SCREW	36	5
8M2016255	NUT Hex	86	5	8M2016255	NUT Hex	86	9
8M2016257	CLAMP	88	17	8M2016257	CLAMP	90	14
8M2016257	CLAMP (30mm Hose)	92	16	8M2016258	CLAMP-HOSE 33-57mm	88	20
8M2016258	CLAMP-HOSE 33-57mm	90	12	8M2016258	CLAMP-HOSE 33-57mm (40mm Hose)	92	31
8M2016259	CLAMP	88	21	8M2016259	CLAMP	90	13
8M2016259	CLAMP (50mm Hose)	92	17	8M2016260	BRACKET Oil Filter	88	6
8M2016261	BRACKET	88	12	8M2016261	BRACKET	92	12
8M2016262	HOSE To Heat Exchanger (In)	88	16	8M2016262	HOSE Cooler to Heat Exchanger	90	2
8M2016262	HOSE Cooler to Heat Exchanger (In)	92	15	8M2016263	HOSE To Elbow (Out)	88	15
8M2016263	HOSE Cooler to Elbow	90	8	8M2016263	HOSE Cooler to Elbow (Out)	92	14
8M2016265	BRACKET Pump	86	2	8M2016266	BRACKET Rear Pump	86	4
8M2016268	HOSE Pump to Steering Cylinder	90	3	8M2016268	HOSE Hydraulic	94	9
8M2016271	HOSE Cooler to Reservior	88	14	8M2016271	HOSE Cooler to Reservoir	90	9
8M2016272	HOSE Pump to Cooler	90	4	8M2016272	HOSE Cooler to Pump	92	23
8M2016273	HOSE Filter to Cooler	88	13	8M2016273	HOSE Filter to Cooler	90	7
8M2016274	HOSE Filter to Steering Cylinder	90	1	8M2017066	HOSE Reservoir to Pump	90	5
8M2019155	HOSE Reservoir to Pump	92	22	8M2019156	FITTING	92	30
8M2019258	BRACKET	92	6	8M2019259	FITTING	92	33
8M2019260	FITTING	92	32	8M2019261	HOSE Filter to Actuator	92	26
8M2019263	HOSE Cooler to Actuator	92	24	8M2023352	SCREW (.375-16 x 1.63)	62	18
8M2100127	HARNESS ASSEMBLY Mercathode	100	53	8M6002130	HOUSING	70	7
8M6002138	DRIVEPLATE ASSEMBLY	70	10	8M8020569	HEAD Oil Filter	88	9
8M8025337	FILTER KIT High Pressure	94	-	910002	STUD	104	2
93906A2	SHAFT	98	19	93911A4	HOUSING ASSEMBLY Shaft Extension Support	98	4
93911A4	HOUSING ASSEMBLY Shaft Extension Support	102	1	93914	RING Retaining	100	45
93915	RING Retaining	100	44	93918A1	SHIELD Lower	98	31
93918A1	SHIELD Lower	102	4	93919A1	SHIELD Upper	100	50
93919A1	SHIELD Upper	102	6	93921	EXPANSION PLUG	98	30
93924	SEAL	100	46	93944A2	BEARING SET Ball	100	48

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Part No.	Description	Pg.	Ref.no
94104	RING Retaining	98	21
95084A10	CABLE ASSEMBLY (5.00 Inches) Red	96	7
96112	STUD (.250-28 x 2.00) Throttle Cable Anchor	80	11
96995	SCREW (.375-16 x .880)	98	41
96995	SCREW (.375-16 x .880)	102	5
97477A3	STUD KIT	104	8
98794	SCREW (.375-16 x 1.00)	62	20
98828	SPACER	80	4
98869A17	ELECTRODE ASSEMBLY	96	1
99322	SPACER	68	8
NSS	NOT SOLD SEPARATE Enclosure	14	10
NSS	NOT SOLD SEPARATE SEAT,Intake Valve	40	16
NSS	NOT SOLD SEPARATE Thrust Bearing, (.25mm)	42	15
NSS	NOT SOLD SEPARATE Drain Plug	44	6
NSS	NOT SOLD SEPARATE PIN, Piston	46	9
NSS	NOT SOLD SEPARATE PIN, Piston	48	9
NSS	NOT SOLD SEPARATE Hose	78	11
NSS	NOT SOLD SEPARATE	92	10
NSS	NOT SOLD SEPARATE O-Ring	94	7
NSS	NOT SOLD SEPARATE Tailstock Shaft	102	10
94104	RING Retaining	102	11
95084A9	CABLE ASSEMBLY (91.00 Inches) Red/Purple Strip	96	7
96112	STUD (.250-28 x 2.00)	82	6
96995	SCREW (.375-16 x .880)	100	51
96995	SCREW (.375-16 x .880)	102	8
98794	SCREW (.375-16 x 1.00)	60	19
98794	SCREW (.375-16 x 1.00)	98	14
98828	SPACER	82	16
98880	SPRING	80	7
NSS	NOT SOLD SEPARATE Mounting Bracket	14	9
NSS	NOT SOLD SEPARATE Screw	14	11
NSS	NOT SOLD SEPARATE SEAT,Exhaust Valve	40	21
NSS	NOT SOLD SEPARATE Bushing	42	17
NSS	NOT SOLD SEPARATE RING	46	7
NSS	NOT SOLD SEPARATE RING	48	7
NSS	NOT SOLD SEPARATE ORD 8M0049970	62	2
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