

Parts Catalog

MDKBH

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MODEL IDENTIFICATION

To avoid errors or delay in filling your parts order, always give the MODEL, SPEC NO. and SERIAL NO. from the Onan nameplate.

For handy reference, insert your nameplate information in the spaces below.

MODEL AND SPEC NO.

SERIAL NO.

DIGITAL CONTROL SOFTWARE VERSION
AND DATE (IF APPLICABLE)

SAFETY PRECAUTIONS

The following symbols are used in Onan manuals to alert users to the potentially dangerous conditions relating to maintenance of equipment and replacement of parts. Please read and observe.



This symbol warns of immediate hazards which will result in severe personal injury or death.



This symbol refers to a hazard or unsafe practice which can result in severe personal injury or death.



This symbol refers to a hazard or unsafe practice which can result in severe personal injury or product or property damage.

PRODUCT SAFETY PRECAUTIONS



Service and repair of Onan equipment must be performed by trained, experienced personnel only. Improper service or repair may result in property damage, severe personal injury or death. Do not use this catalog as a guide to servicing your equipment. Read and follow the IMPORTANT SAFETY INSTRUCTIONS in the Service Manual appropriate for the equipment you are working on.



Contact with USED ENGINE OILS has been identified by a United States federal agency and some USA state agencies as causing CANCER or REPRODUCTIVE TOXICITY. When checking or changing engine oils take all necessary precautions not to ingest, breathe the fumes or contact the used oil.



Contact with ASBESTOS has been identified by a United States federal agency and some USA state agencies as causing CANCER or REPRODUCTIVE TOXICITY. When handling engine gaskets take all necessary precautions not to ingest, breathe or contact the dust from the gaskets! Use adequate ventilation and wear protective gloves, masks and clothing!



Contact with BENZINE and LEAD, found in gasoline, fuel additives and solvents has been identified by a United States federal agency and some USA state agencies as causing CANCER or REPRODUCTIVE TOXICITY. When checking, draining or adding gasoline and fuel additives or using solvents take all necessary precautions not to ingest, breathe the fumes or contact the liquids. Use adequate ventilation and wear protective gloves, masks and protective clothing!



Servicing and replacement of MARINE CRITICAL PARTS must be carried out by persons trained and experienced with marine gasoline engine-generator safety requirements!

Introduction

This parts catalog applies to the standard generator set listed below. Parts are arranged in groups of related items and each illustrated part is defined by a reference number corresponding to the same reference number in the parts list. Parts illustrations are typical. Using the model and specification number from your generator set nameplate, select parts that apply to your set. Unless otherwise mentioned in the description or page heading, parts are interchangeable between models. Throughout this catalog right and left sides are determined by facing the engine end (front) of the set.

<u>MODEL</u>	<u>HERTZ</u>
4MDKBH	50
5MDKBH	60

* – The diagonal line (/) or dash (–) in the model and specification number separates generator set characteristics from the specification number and letter. The specification number denotes customer requested options or deviations from a standard model. The specification letter advances (A to B, B to C, etc.) with major manufacturing changes.

WIRING DIAGRAM

630–2694

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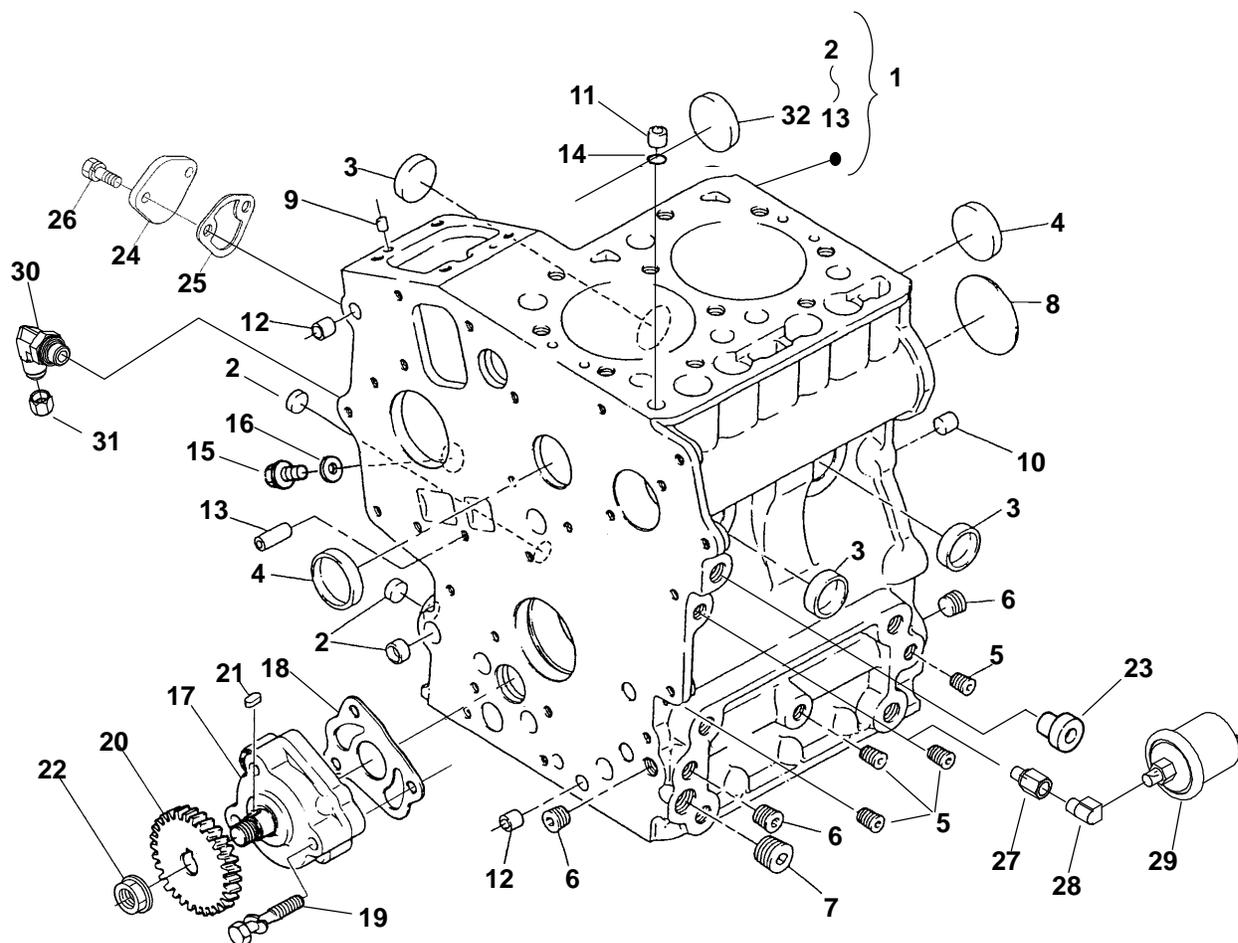
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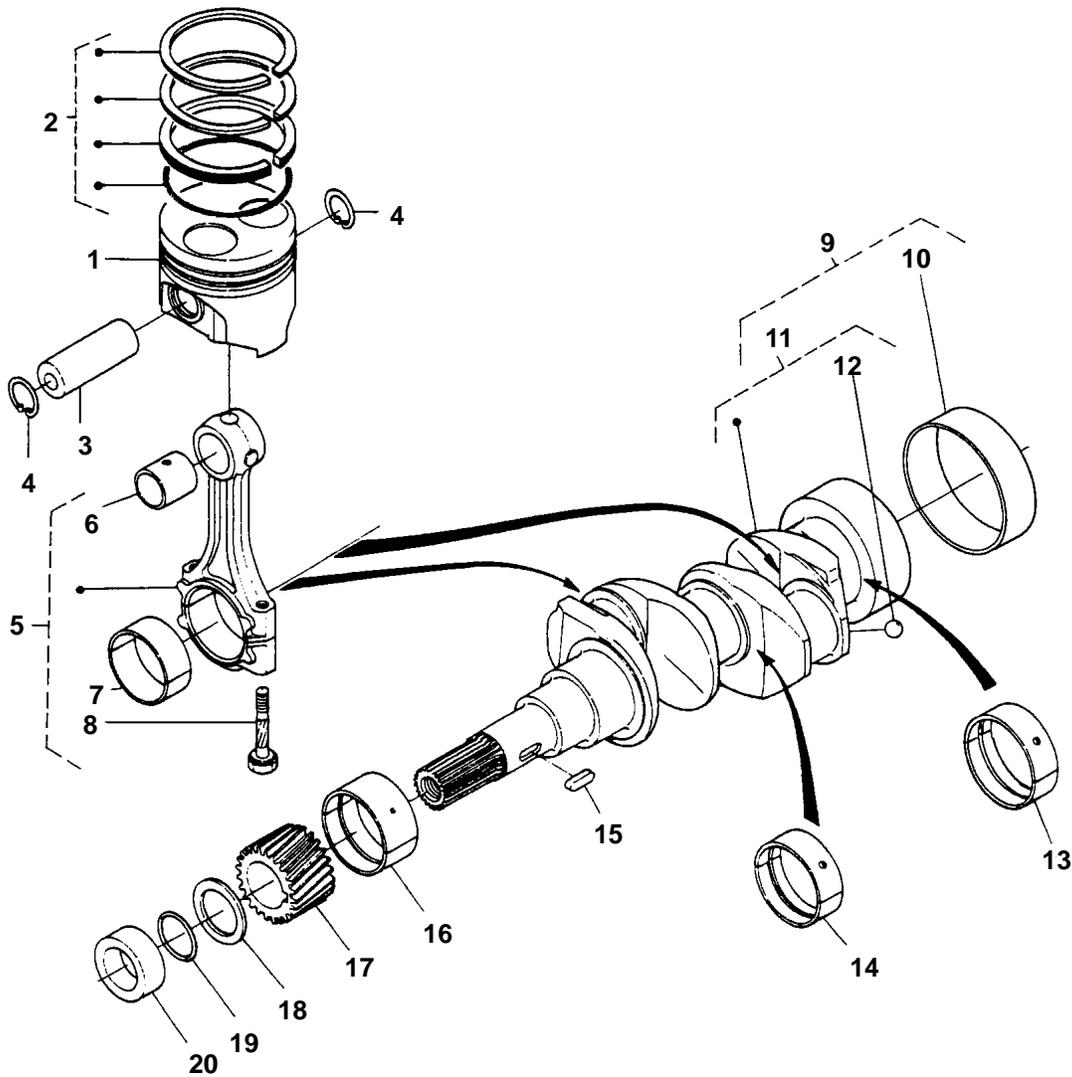


REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	100-3941	1	Engine, Replacement	25	185-6580	1	Gasket, Hole Cover
	110-3970	1	Block Assy, Cylinder (Includes Parts Marked *)	26	185-2388	2	Bolt
2	185-5482	3	*Cap, Sealing	27	502-0917	1	+Adapter, Pipe
3	185-5483	3	*Cap, Sealing	28	502-0020-01	1	+Elbow, Pipe
4	185-5484	2	*Cap, Sealing	29			◆ Sender, Oil Pressure MC
5	185-2188	4	*Plug		193-0244	1	Standard Ground
6	185-2233	3	*Plug		193-0430-01	1	+ Isolated Ground
7	185-2234	1	*Plug	30	502-1359	1	Elbow, 90° Coolant Drain
8	185-5485	1	*Plug, Expansion	31	502-1360	1	Nut, Cap
9	185-5486	2	*Pin, Straight	32	185-5489	1	Cover, Fuel Camshaft
10	185-5487	2	*Pin, Straight				
11	185-2094	1	*Pin, Pipe				
12	185-2115	2	*Pin, Pipe (Obsolete)				
13	185-5488	2	*Pin, Pipe				
14	185-2095	1	O'Ring				
15	184-0023	1	Plug				
16	509-0442		Washer, Sealing				
17	120-1363	1	Pump, Oil				
18	185-5413	1	Gasket, Oil Pump				
19	185-5491	3	Bolt				
20	185-5414	1	Gear, Oil Pump Drive				
21	185-5415	1	Key, Feather				
22	185-5416	1	Nut, Flange				
23	185-6039	1	Plug				
24	185-5798	1	Cover				

⚠ WARNING ◆ MC – Are MARINE CRITICAL and must comply with boating safety ignition protection, backfire, fire resistance, exhaust system integrity, or other requirements established by regulatory agencies, such as US Coast Guard, ABYU, and ISO. When MARINE CRITICAL parts are replaced for any reason, use Onan parts that are identified with the part numbers in this book.

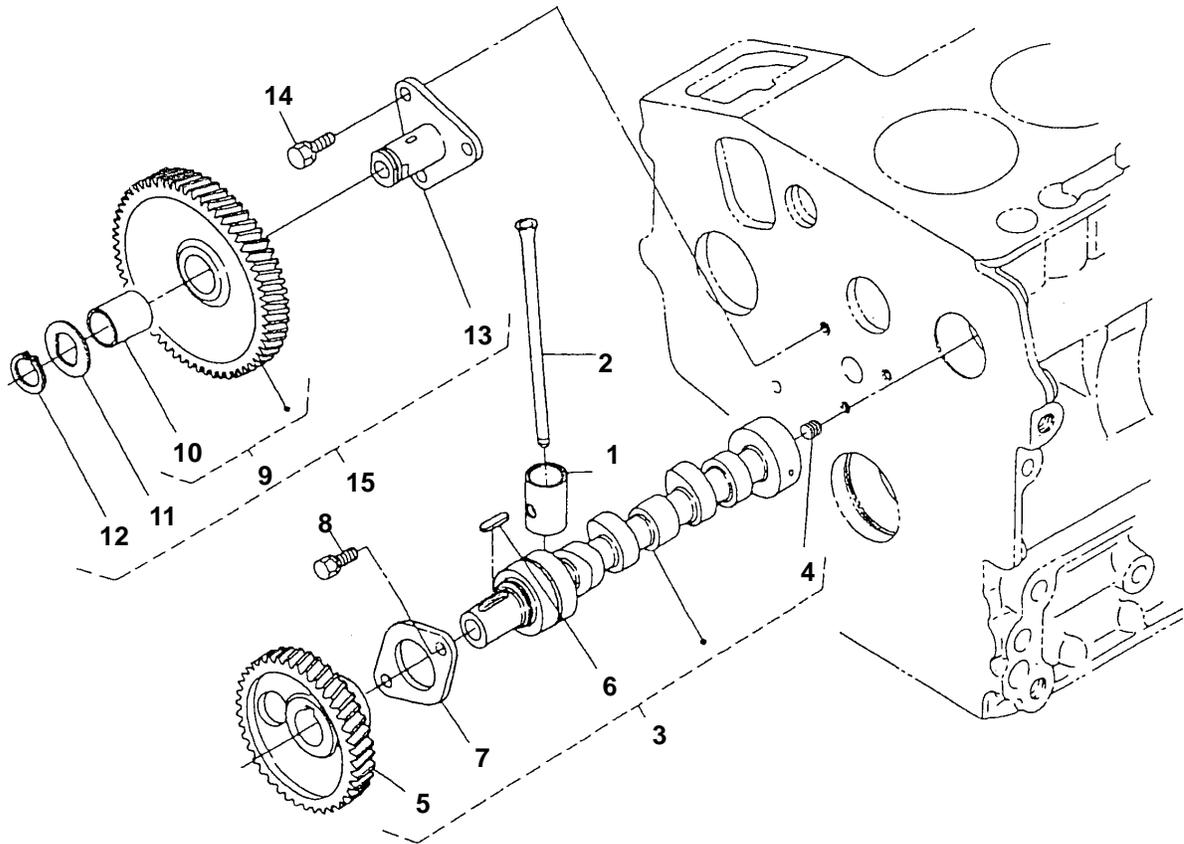
* – Parts Included in Cylinder Block Assy.
 + – Parts Included in Isolated Ground Kit Listed on Relay Page.

Piston and Crankshaft



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	184-0032	2	Piston	11	184-0034	2	Crankshaft (Includes Ball)
	184-0033	2	Standard +0.50mm	12	185-5575	2	Ball
2	184-0030	2	Ring Assy, Piston	13	185-5580	1	Bearing
	184-0031	2	Standard +.050mm		185-2026	1	Standard
3	185-5568	2	Pin, Piston		185-5357	1	-0.20mm
4	185-2016	4	Circlip, Piston Pin	14	185-5581	1	-0.40mm
5	114-0420	2	Rod Assy, Connecting (Includes Bush, Bolt, and Bearing)		185-5360	1	Bearing
6	508-1255	2	Bush, Piston		185-5361	1	Standard
7	185-5571	2	Bearing	15	185-2353	1	-0.20mm
	185-5572	2	Standard	16	185-5577	1	-0.40mm
	185-5573	2	-0.20mm		185-5578	1	Key, Feather
8	185-5570	4	Bolt, Connecting Rod		185-5579	1	Bearing
9	184-0046	1	Crankshaft Assy (Includes Sleeve, Crankshaft and Ball)	17	185-5576	1	Standard
10	185-2033	1	Sleeve	18	185-5583	1	-0.20mm
				19	184-0021	1	-0.40mm
				20	185-7407	1	Gear
							Slinger, Oil
							O'Ring
							Collar, Crankshaft

Camshaft

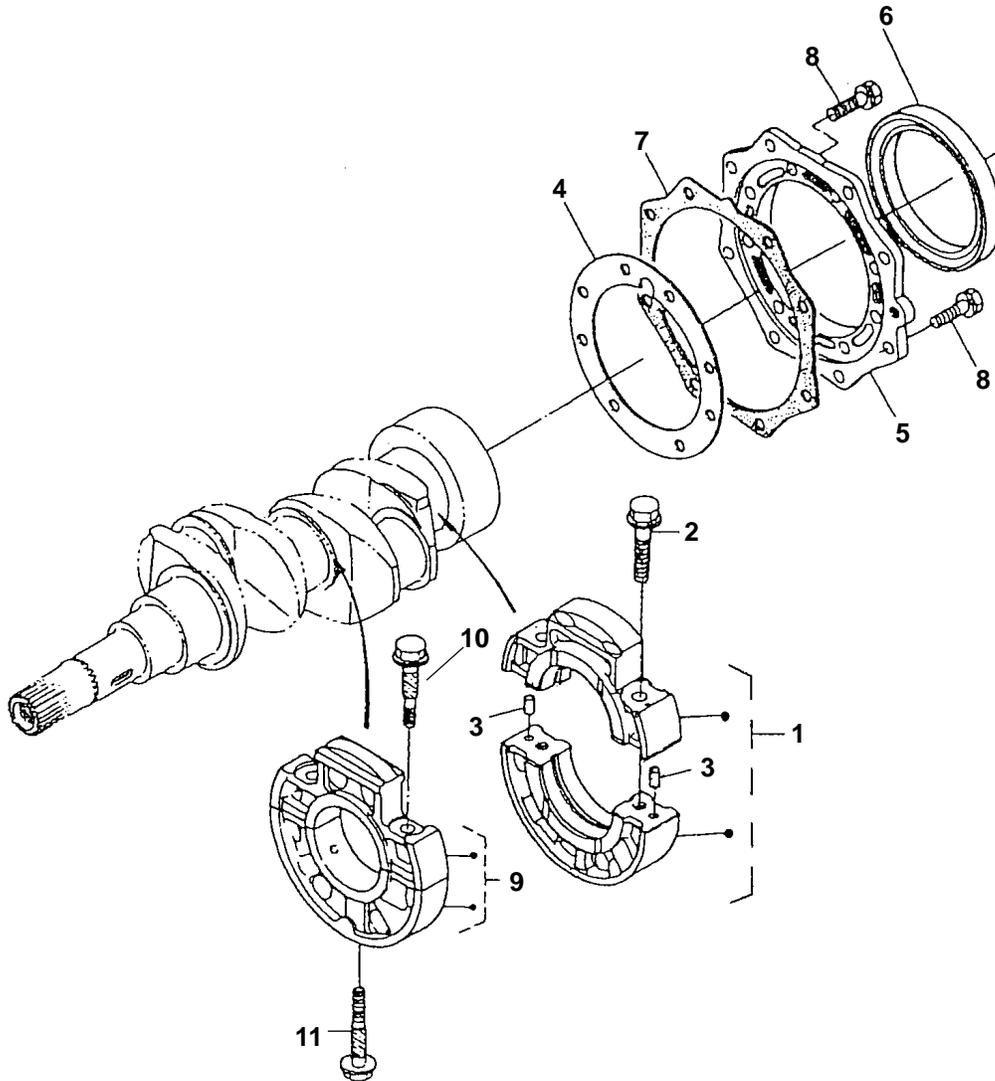


REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-5554	4	Tappet	11	185-5563	1	+Collar, Idle Gear
2	184-0028	4	Rod, Push	12	185-5564	1	+Ring, Snap
3	184-0029	1	Camshaft Assy (Includes Parts Marked *)	13	185-5565	1	+Shaft, Idle Gear
4	185-5558	1	*Screw, Set	14	185-2387	3	Bolt
5	185-7075	1	*Gear, Cam	15	184-0040	1	Gear, Idle (Includes Parts Marked +)
6	185-5560	1	*Key, Feather				
7	185-5561	1	*Stopper, Camshaft				
8	185-2386	2	Bolt				
9	185-5562	1	+Gear, Idle (Includes Bush)				
10	185-7385	1	+Bush				

* - Parts Included in Camshaft Assy.

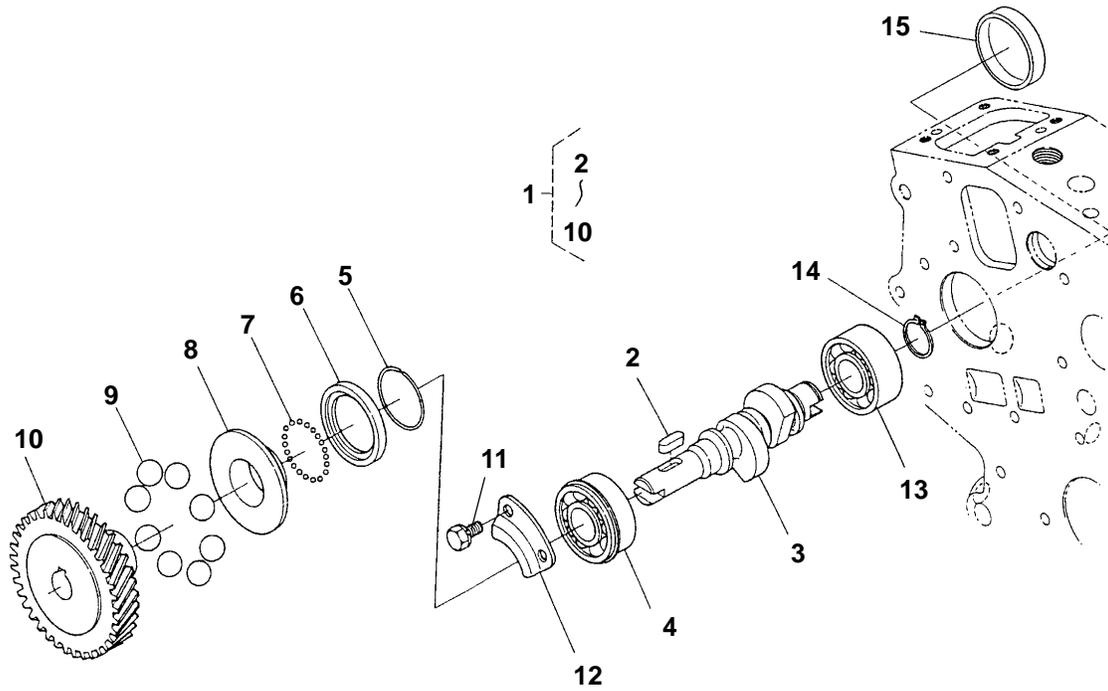
+ - Parts Included in Idle Gear Assy.

Main Bearing Case



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	184-0027	1	Case, Main Bearing (Includes Pins)	6	185-5437	1	Seal, Oil
2	185-6105	2	Bolt, Flange	7	185-7383	1	Gasket
3	184-0022	2	Pin, Straight	8	185-2559	16	Bolt
4	101-0846	1	Gasket, Bearing Case	9	185-5517	1	Case, Main Bearing
5	185-5516	1	Cover, Bearing Case	10	185-5515	2	Bolt, Bearing Case
				11	185-5519	1	Bolt, Bearing Case

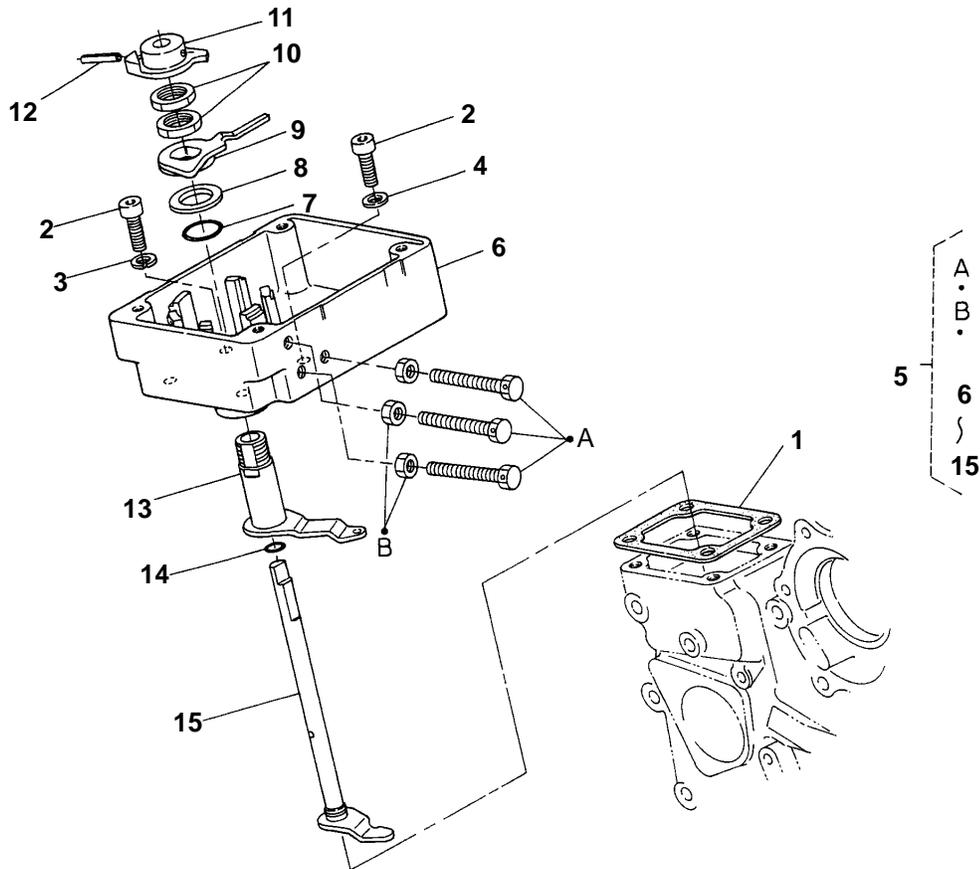
Fuel Camshaft



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	184-0049	1	Camshaft Assy, Fuel (Includes Parts Marked *)	10	185-5630	1	*Gear, Injection Pump
2	185-2353	1	*Key, Feather	11	185-2386	2	Bolt
3	185-5628	1	*Camshaft, Fuel	12	185-5635	1	Stopper, Fuel Camshaft
4	185-5629	1	*Bearing, Ball	13	510-0299	1	Bearing, Ball
5	185-2163	1	*Circlip, External	14	185-5634	1	Circlip, External
6	185-5632	1	*Case, Governor Ball	15	185-5489	1	Cover, Fuel Camshaft
7	185-2357	32	*Ball				
8	185-5631	1	*Sleeve, Governor				
9	185-5633	8	*Ball				

* - Parts Included in Fuel Camshaft Assy.

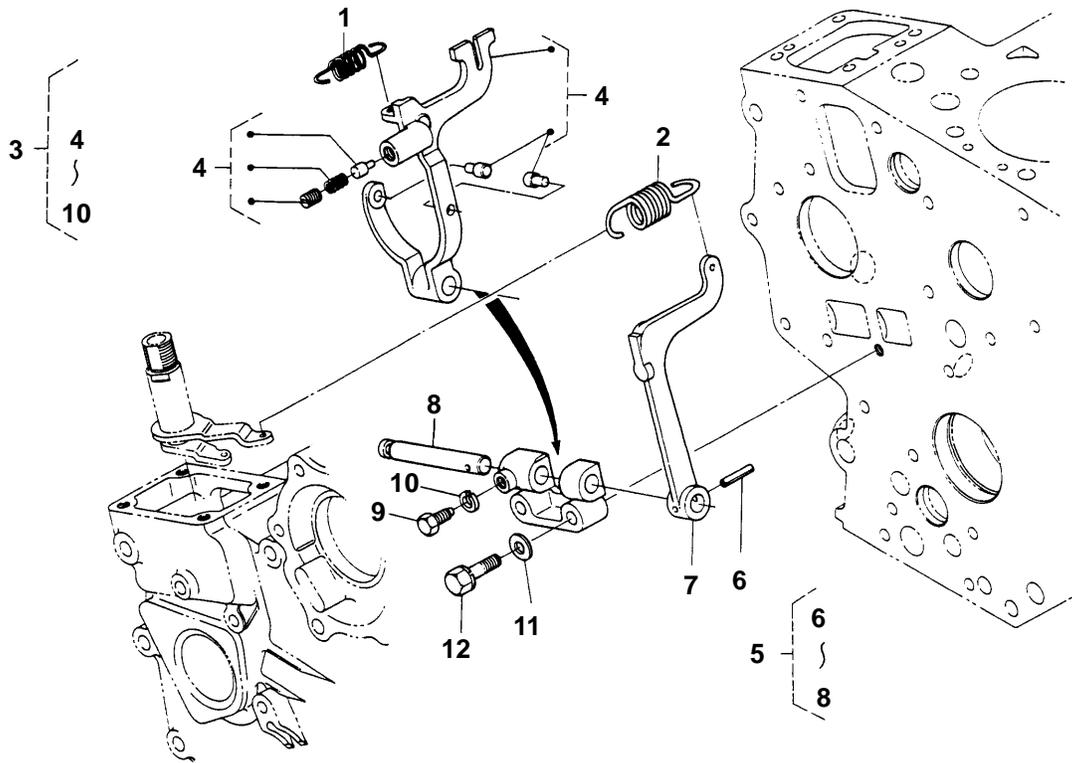
Speed Control Plate



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-7080	1	Gasket	9	184-0056	1	*Lever, Speed Control
2	184-0013	4	Screw, Hex Head Cap W/Lock Washer (M6 x 18mm)	10	185-5693	2	*Nut, Jam Hex
3	185-2380	2	Washer, Spring	11	184-0059	1	*Lever, Engine Stop
4	185-2284	2	Seal, Oil	12	185-5696	1	*Pin, Spring
5	184-7267	1	Plate Assy, Speed Control (Includes Parts Marked *)	13	184-0053	1	*Lever, Governor
6	185-0055	1	*Plate, Speed Control	14	184-0017	1	*O'Ring
7	184-0019	1	*O'Ring	15	184-0060	1	*Shaft, Lever
8	184-0057	1	*Collar				

* - Parts Included in Speed Control Plate Assy.

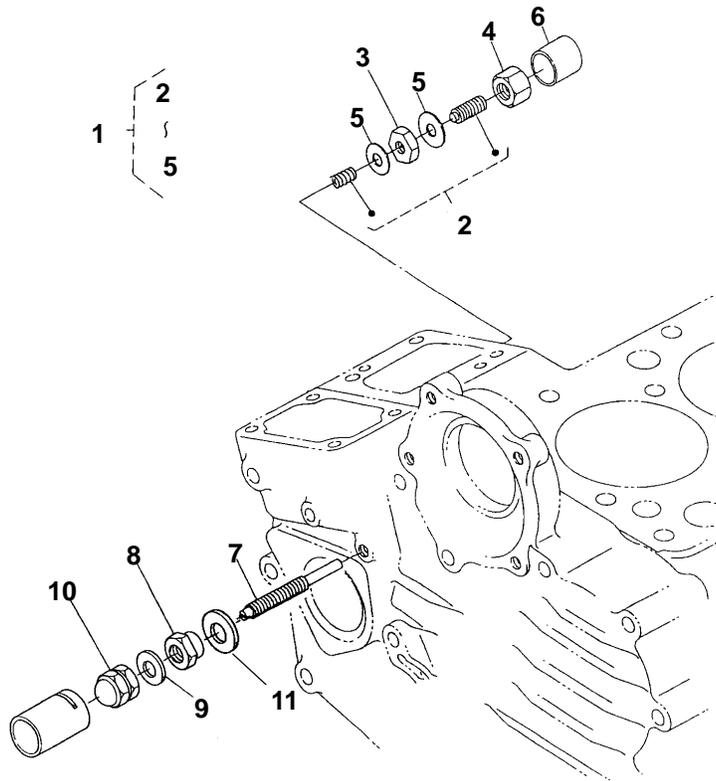
Fork Lever



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-5698	1	Spring, Start	7	185-5702	1	*Lever, Outer Fork
2	184-0054	1	Spring, Governor	8	185-5703	1	*Shaft
3	150-2873	1	Lever, Fork (Includes Parts Marked *)	9	185-2173	1	*Bolt (Obsolete)
4	184-0052	1	*Lever, Inner Fork	10	185-6999	1	*Washer, Spring Lock
5	185-5701	1	*Lever Assy, Outer Fork (Includes Pin, Fork Lever, and Shaft)	11	184-5966	2	Washer, Plain
6	185-5696	1	*Pin, Spring	12	185-2393	2	Bolt

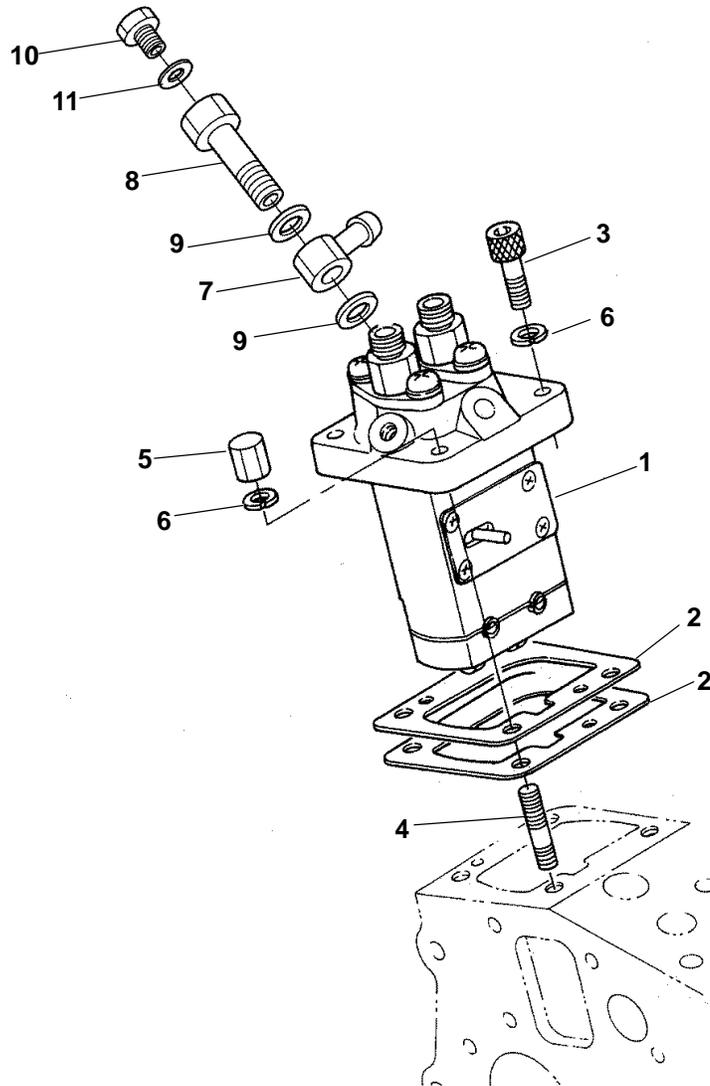
* - Parts Included in Fork Lever Assy.

Engine Stop Lever



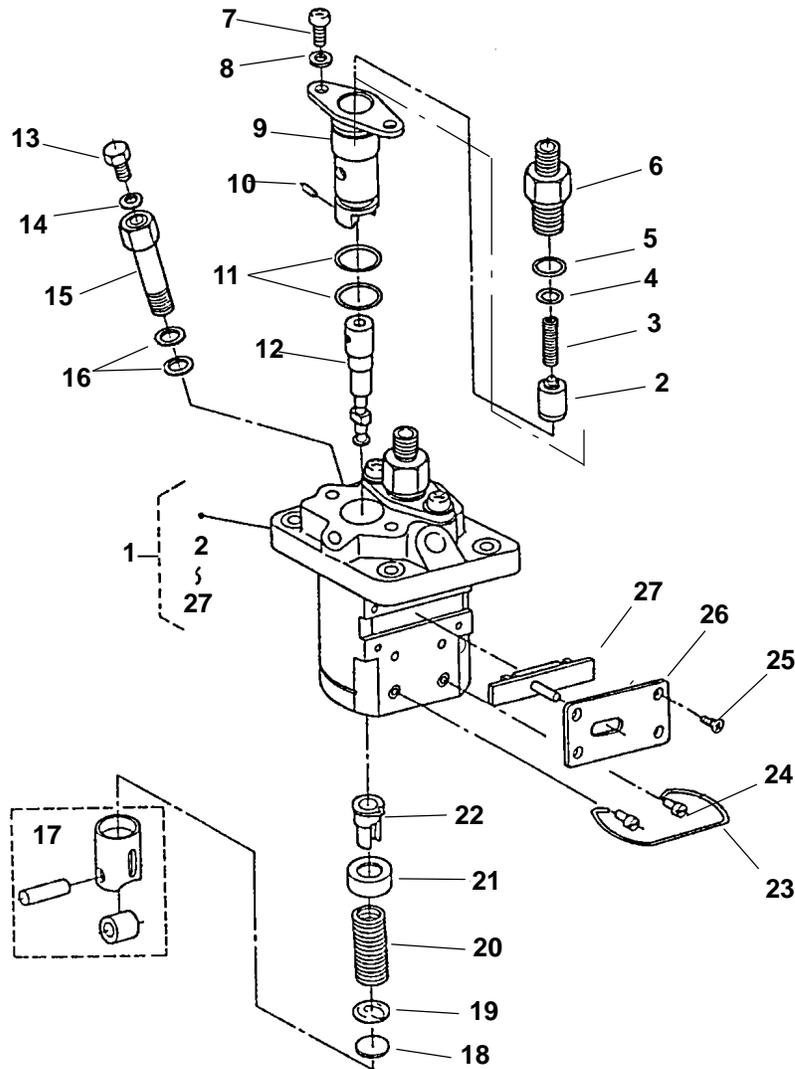
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-5679	1	Apparatus Assy, Idle (Includes Bolt, Nuts and Gaskets)	7	150-2872	1	Screw, Governor
2	185-5680	1	Bolt Assy, Adjusting	8	185-5684	1	Nut
3	185-2180	1	Nut (Obsolete)	9	185-2284	2	Gasket
4	185-5681	1	Nut	10	185-6931	1	Nut
5	185-2338	2	Gasket	11	150-2870	1	Gasket
6	185-5682	1	Cap				

Injection Pump



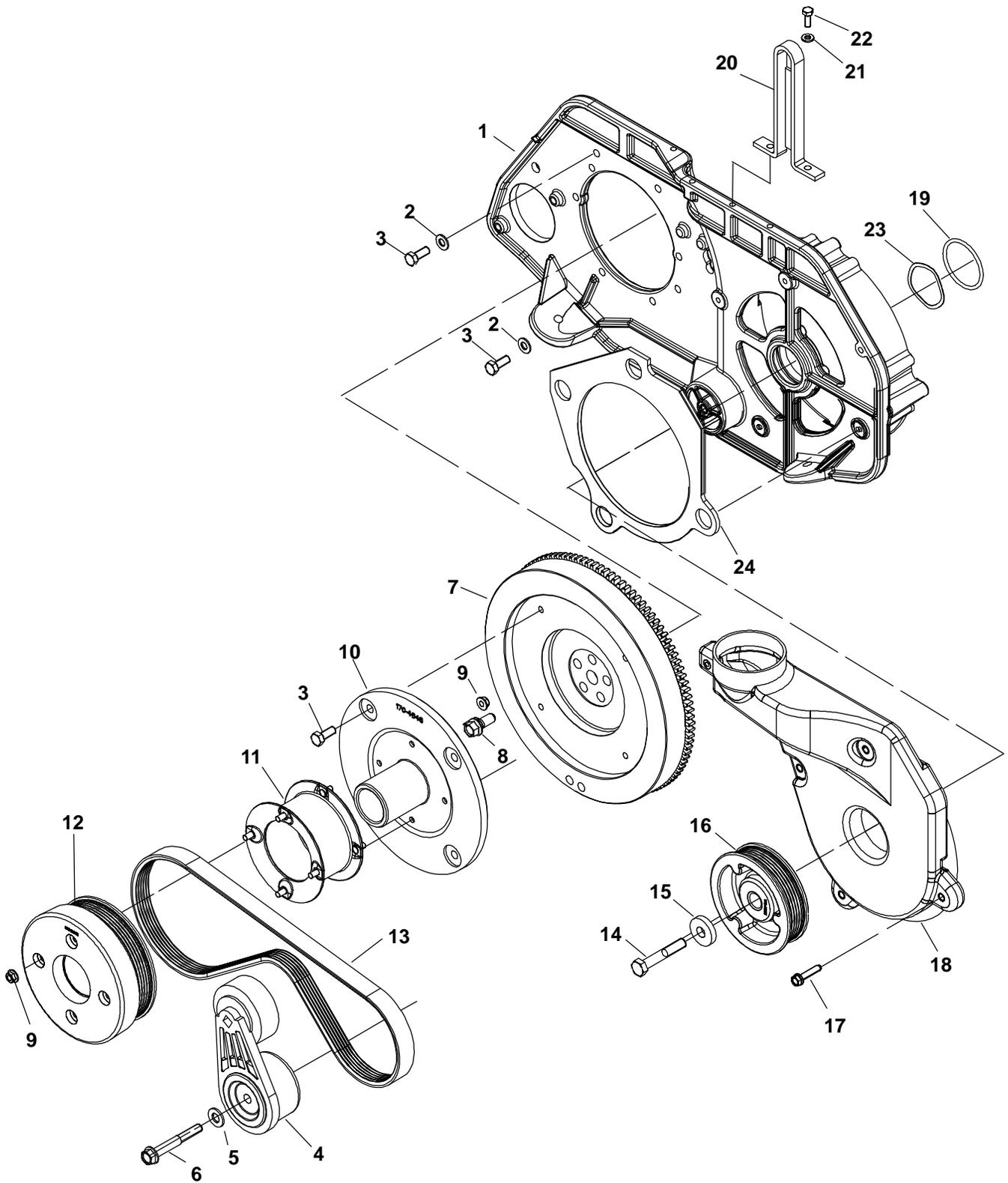
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-5422	1	Pump Assy, Injection	5	185-5625	1	Nut
2	185-6735	1	Shim, Injection Pump	6	185-2380	4	Washer, Spring
	185-6736	1	0.20mm	7	185-5626	1	Joint, Eye
	185-6737	1	0.30mm	8	185-5660	1	Screw, Follow
3	185-5623	3	Bolt, Hex Socket Head	9	185-5661	2	Gasket
4	185-5624	1	Stud	10	185-5662	1	Screw
				11	185-5663	1	Gasket

Injection Pump Components



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-5422	1	Pump Assy, Injection	15	185-5660	2	Screw, Follow
2	185-5639	2	Valve, Delivery	16	185-5661	1	O'Ring
3	185-5640	2	Spring, Delivery Valve	17	185-5649	2	Tappet
4	185-5641	2	Gasket, Delivery Valve	18	185-5655	1	Shim
5	185-5643	2	O'Ring	19	185-5654	2	Seat, Lower Spring
6	185-5642	2	Holder, Delivery Valve	20	185-5652	2	Spring, Plunger
7	185-5647	4	Screw, Round Head Machine	21	185-5653	2	Seat, Upper Spring
8	185-5648	4	Washer	22	185-5659	2	Sleeve, Control
9	185-5644	2	Flange, Sleeve	23	185-5651	1	Wire, Retainer
10	185-5645	2	Pin, Joint	24	185-5650	2	Pin
11	185-5646	4	O'Ring	25	185-5658	4	Screw, Machine
12	185-5638	2	Plunger, Pump	26	185-5657	1	Plate
13	185-5662	1	Screw	27	185-5656	1	Rack, Control
14	185-5663	1	Gasket				

Flywheel

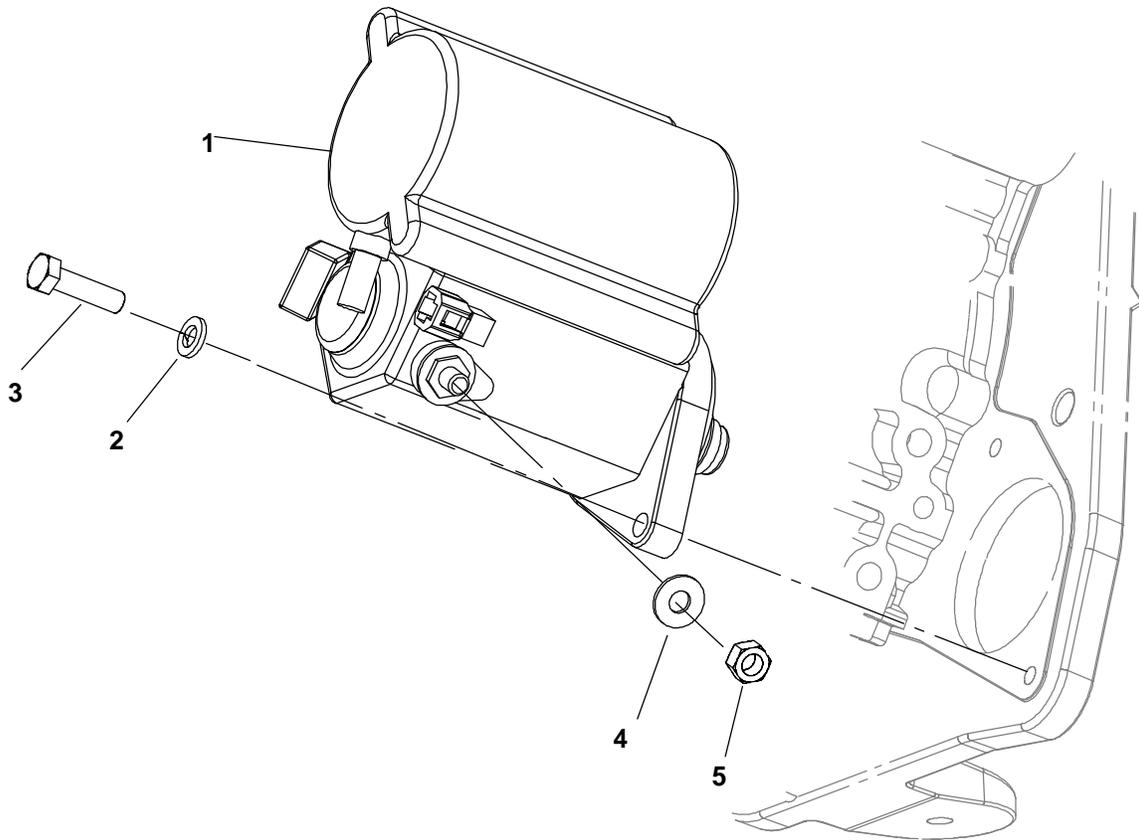


Flywheel

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	101-0826-02	1	Adapter, Engine	17	815-0941-04	4	Screw, Hex Thread Form (M6 x 1 x 30mm)
2	526-2100	8	Washer, Flat (M8)	18	405-7388	1	Duct, Intake
3	800-2057	12	Screw, Hex Head Cap (M8 x 1.25 x 20mm)	19	509-0196	1	O'Ring
4	190-0757	1	Tensioner, Belt	20	403-4546-02	1	Bracket, Lifting
5	526-2120	1	Washer, Flat (M10)	21	526-2080	2	Washer, Flat (M6)
6	815-0657	1	Hex Thread Form (3/8-16 x .75")	22	800-2033	2	Screw, Hex Head Cap (M6 x 1 x 16mm)
7	104-1967-02	1	Flywheel Assy (Includes Ring Gear)	23	851-0045	1	Washer, Wave
8	185-5587	5	Bolt, Flywheel	24	405-7389	1	Seal, Air Inlet
9	870-2065-02	8	Nut, Hex (M6 x 1)				
10	232-4111	1	Hub, Flex Coupling				
11	512-0217	1	Coupling				
12	512-0248	1	Pulley Assy, Drive (Includes Bearings)				
13	511-0196	1	♦ Belt (6 Rib) MC				
14	800-2093	1	Screw, Hex Head Cap (M10 x 1.5 x 60mm)				
15	526-0017	1	Washer, Flat				
16	512-0205-01	1	Pulley, Generator				

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Starter

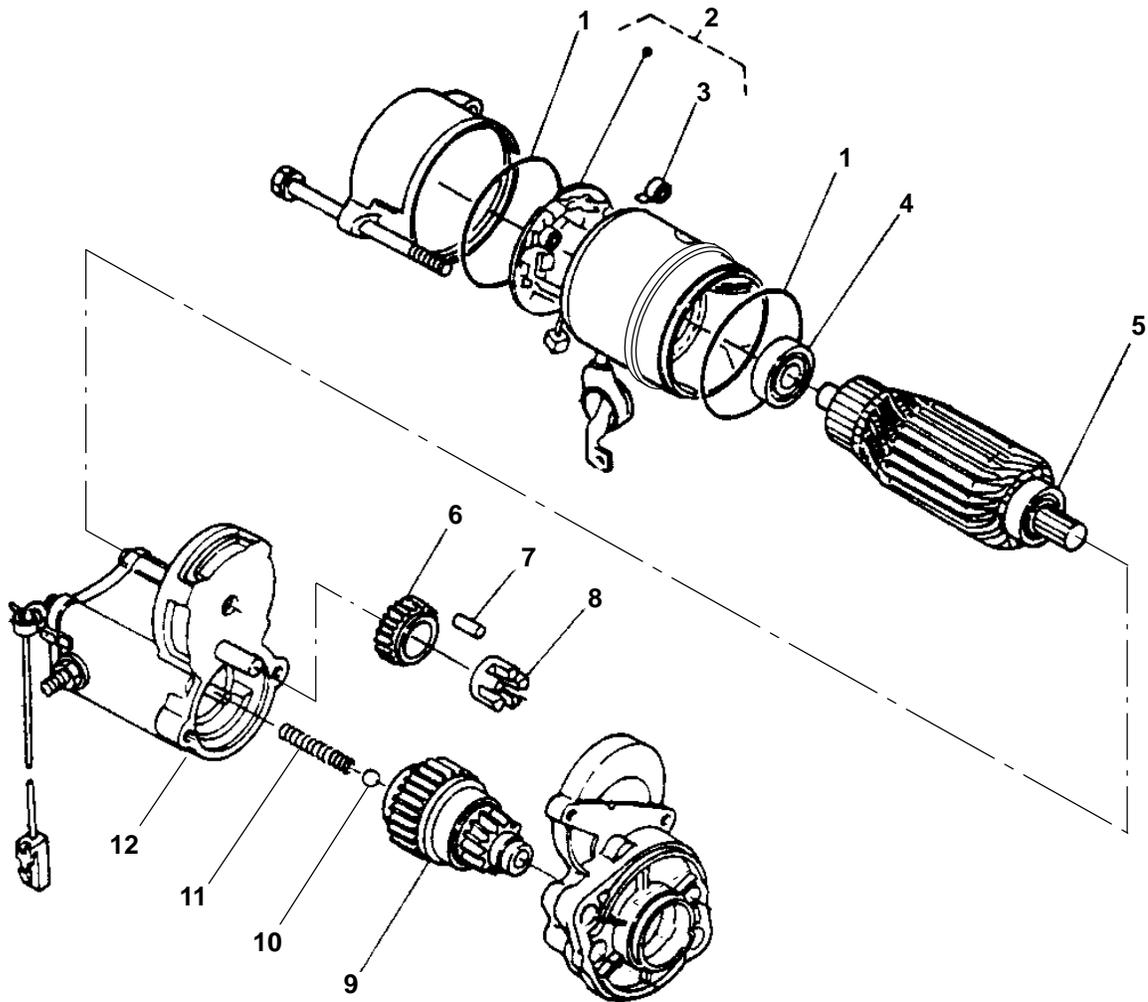


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	191-2229	1	◆ Starter MC
2	850-2008	2	Washer, Lock (M8)
3	800-2515	2	Screw, Hex Head Cap (M8 x 1.25 x 30mm)
4	526-0054	2	Washer, Flat (5/16")
5	860-2008	2	Nut (M8 x 2.15mm)

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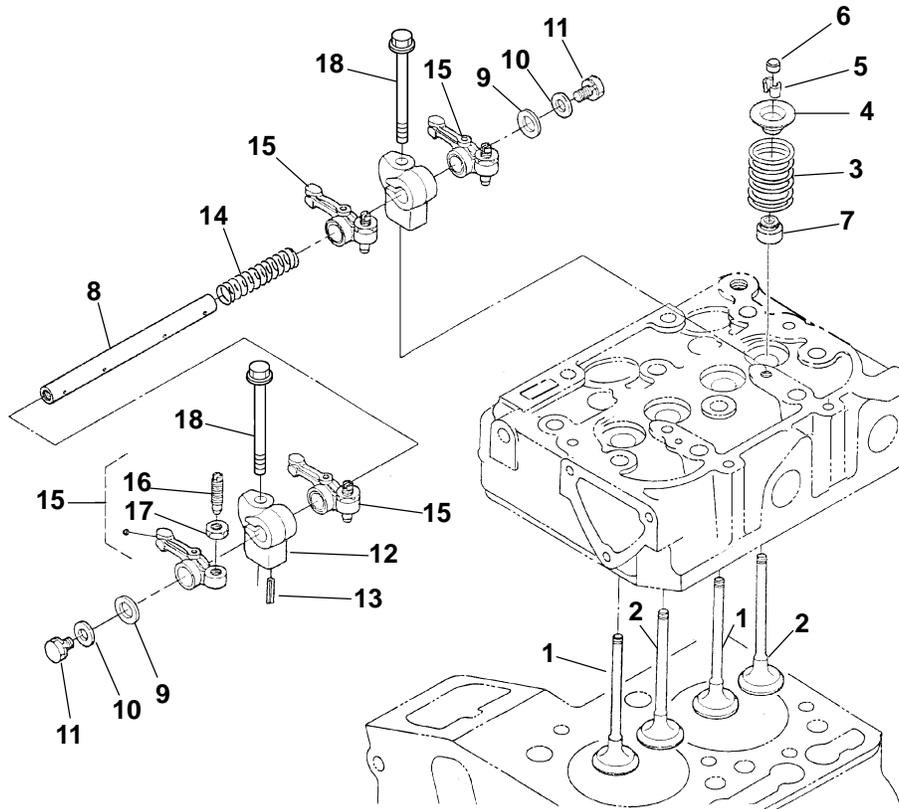
Starter Components



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	191-2229	1	◆ Starter MC	10	191-2241	1	◆ Ball, Steel MC
1	191-2239	1	◆ O'Ring MC	11	191-2240	1	◆ Spring, Return MC
2	191-2247	1	◆ Holder Assy, Starter MC (Includes Spring)	12	191-2245	1	◆ Switch, Magnetic MC
3	191-2246	1	◆ Spring, Starter MC				
4	191-2255	1	◆ Bearing, Ball MC				
5	191-2254	1	◆ Bearing, Ball MC				
6	191-2250	1	◆ Pinion, Starter MC				
7	191-2252	1	◆ Roller, Clutch MC				
8	191-2251	1	◆ Retainer MC				
9	191-2253	1	◆ Clutch, Starter MC				

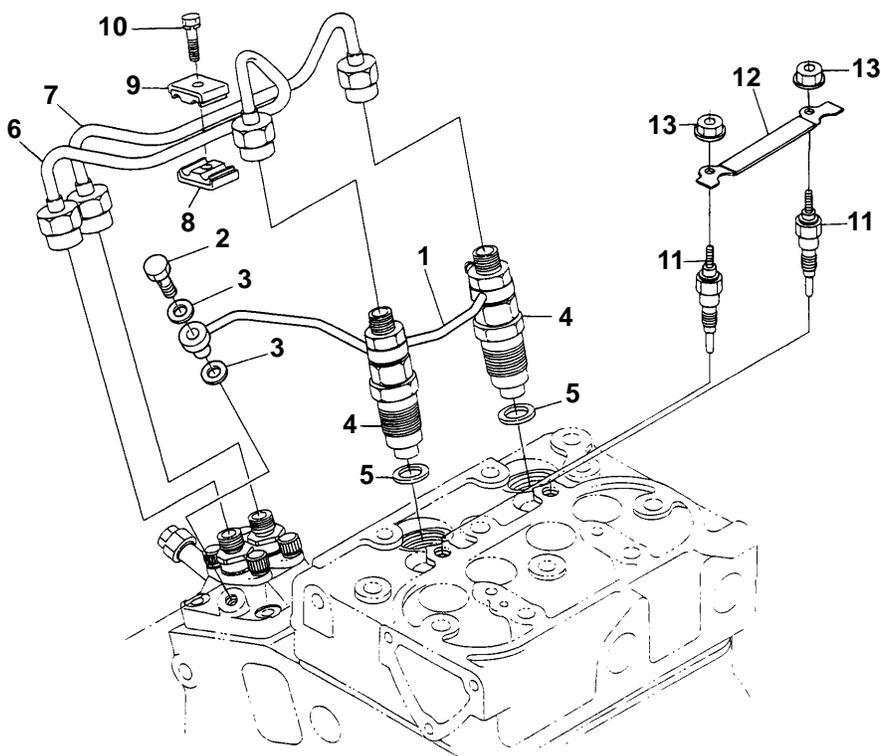
⚠ WARNING ◆ **MC** - Are **MARINE CRITICAL** and must comply with boating safety ignition protection, backfire, fire resistance, exhaust system integrity, or other requirements established by regulatory agencies, such as US Coast Guard, ABYU, and ISO. When **MARINE CRITICAL** parts are replaced for any reason, use Onan parts that are identified with the part numbers in this book.

Rocker Arm



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-5537	2	Valve, Inlet	11	185-2386	2	Bolt
2	185-5538	2	Valve, Exhaust	12	185-5546	2	Bracket, Rocker Arm
3	185-5539	4	Spring, Valve	13	185-2351	1	Pin, Spring
4	185-5540	4	Retainer, Spring	14	185-5550	1	Spring, Rocker Arm
5	185-5541	4	Collet, Valve Spring	15	185-5551	4	Arm Assy, Rocker
6	185-5542	4	Cap, Valve	16	185-5552	4	Screw, Adjusting
7	185-5348	4	Seal, Valve Stem	17	185-5553	2	Nut
8	185-7394	1	Shaft, Rocker Arm	18	800-6372	2	Screw, Hex Flanged Head
9	185-7086	2	Washer				
10	185-7395	2	Washer, Plain				

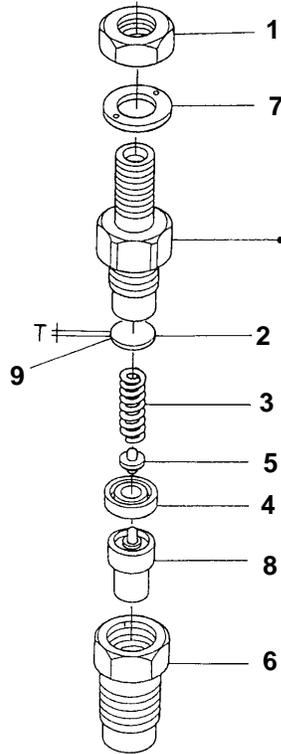
Nozzle Holder



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	184-0035	1	Kit, Nozzle Holder (Includes Nozzle Holder and Gasket)	11	185-5421	2	◆ Plug, Glow (HR5) MC
1	184-0062	1	Pipe Assy, Overflow	12	337-3782	1	Bar, Bus
2	185-7082	1	Screw, Air Bleeder	13	185-5615	2	Nut, Flange
3	185-2284	2	Gasket				
4	185-6738	2	Holder, Nozzle				
5	185-5337	2	Gasket				
6	501-0925	1	Line, Fuel				
7	501-0926	1	Line, Fuel				
8	185-5612	1	Clamp, Bottom Pipe				
9	185-2345	1	Clamp, Top Pipe				
10	185-2385	1	Screw, Pan Head Machine				

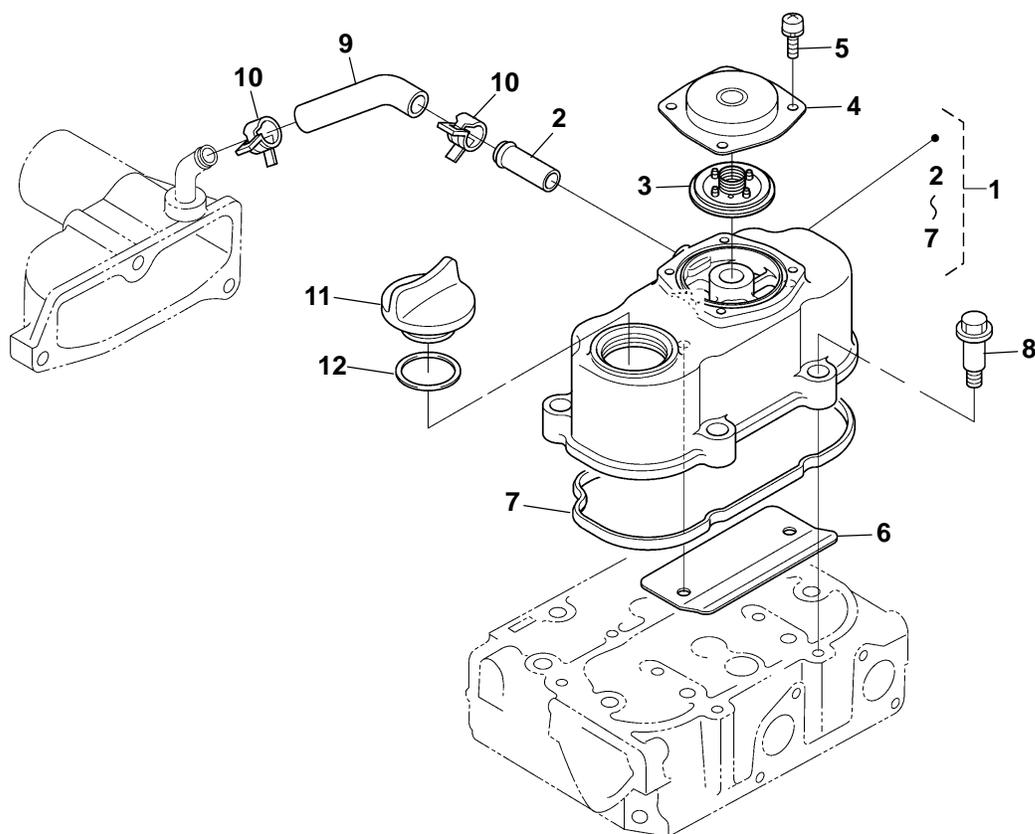
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Nozzle Holder Components



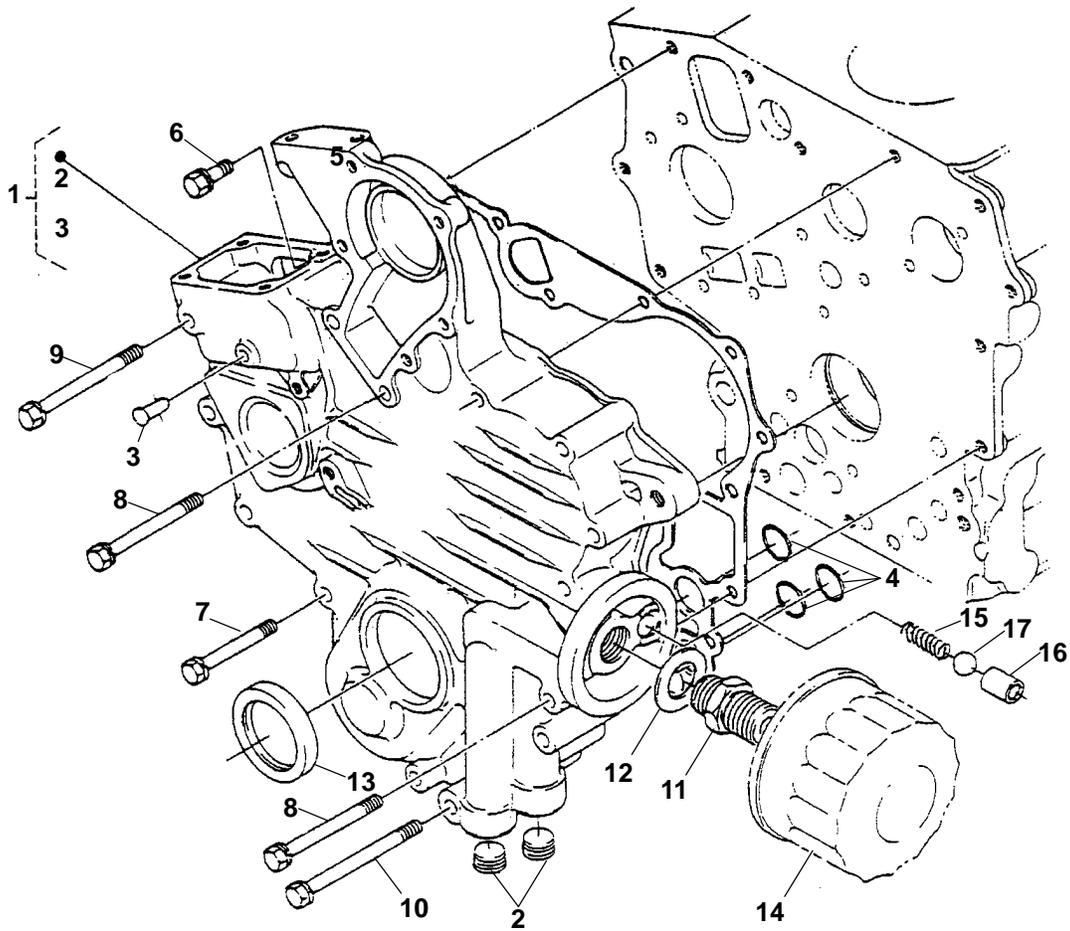
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	185-6738	1	Holder Assy, Nozzle		185-5381	2	1.325 mm
1	185-5616	2	Nut, Hex		185-5382	2	1.350 mm
2	185-5364	2	Washer, Adjusting		185-5383	2	1.375 mm
3	185-5617	2	Spring		185-5384	2	1.400 mm
4	185-5618	2	Spacer		185-5385	2	1.425 mm
5	185-5619	2	Rod, Push		185-5386	2	1.450 mm
6	185-6825	2	Nut, Nozzle		185-5387	2	1.475 mm
7	185-5621	2	Washer		185-5388	2	1.500 mm
8	185-5622	2	Nozzle		185-5389	2	1.525 mm
9	185-5363	2	Washer Assy, Adjusting (Includes all of the following:		185-5390	2	1.550 mm
	185-5364	2	0.900 mm		185-5391	2	1.575 mm
	185-5365	2	0.925 mm		185-5392	2	1.600 mm
	185-5366	2	0.950 mm		185-5393	2	1.625 mm
	185-5367	2	0.975 mm		185-5394	2	1.650 mm
	185-5368	2	1.000 mm		185-5395	2	1.675 mm
	185-5369	2	1.025 mm		185-5396	2	1.700 mm
	185-5370	2	1.050 mm		185-5397	2	1.725 mm
	185-5371	2	1.075 mm		185-5398	2	1.750 mm
	185-5372	2	1.100 mm		185-5399	2	1.775 mm
	185-5373	2	1.125 mm		185-5400	2	1.800 mm
	185-5374	2	1.150 mm		185-5401	2	1.825 mm
	185-5375	2	1.175 mm		185-5402	2	1.850 mm
	185-5376	2	1.200 mm		185-5403	2	1.875 mm
	185-5377	2	1.225 mm		185-5404	2	1.900 mm
	185-5378	2	1.250 mm		185-5405	2	1.925 mm
	185-5379	2	1.275 mm		185-5406	2	1.950 mm
	185-5380	2	1.300 mm				

Cylinder Head Cover



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	134-5360	1	Cover, Cylinder Head	7	115-0516	1	Gasket, Rocker Cover
2	185-5719	1	Pipe, Water Return	8	800-6330	4	Screw, Hex Head
3	123-2301	1	Valve	9	123-2304	1	Tube, Breather
4	123-2302	1	Cover, Breather	10	185-5162	2	Clip, Hose
5	185-2384	4	Screw, with Washer	11	123-2299	1	Plug, Oil Filler
6	123-2303	1	Breather, Baffle	12	185-7426	1	O'Ring

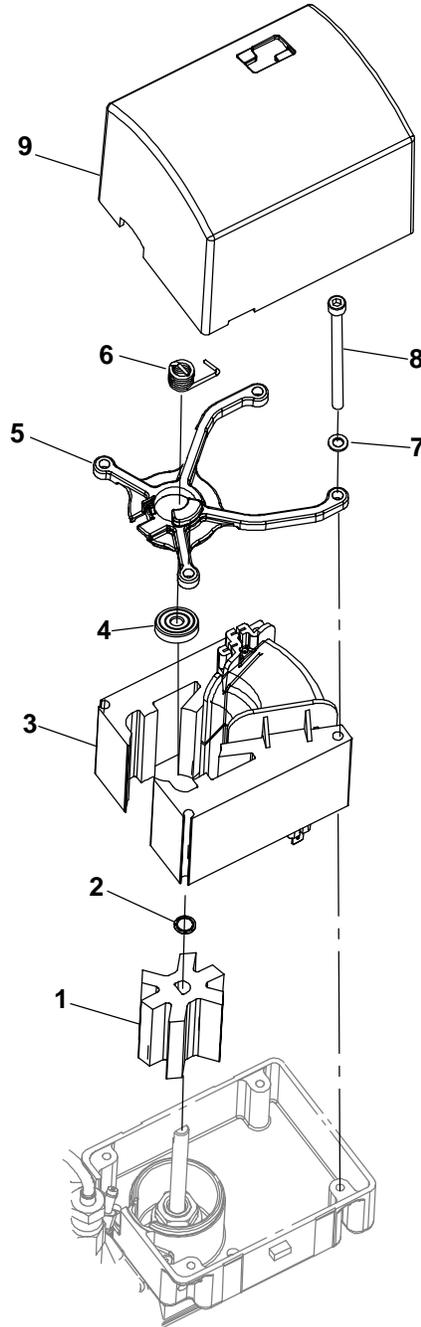
Gearcase



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	184-0043	1	Gearcase (Includes Plugs and Pin)	9	185-2397	1	Bolt
2	185-2234	2	Plug	10	185-2398	1	Bolt
3	185-5506	1	Pin, Start Spring	11	185-2124	1	Joint, Pipe
4	184-0015	3	O'Ring	12	185-5508	1	Washer, Plain
5	185-7382	1	Gasket, Gearcase	13	185-5410	1	Seal, Oil
6	185-2389	1	Bolt	14	185-7444	1	Filter, Oil
7	185-7069	10	Bolt	15	185-5509	1	Spring
8	185-5507	1	Bolt	16	185-5510	1	Seat, Valve
				17	185-6711	1	Ball

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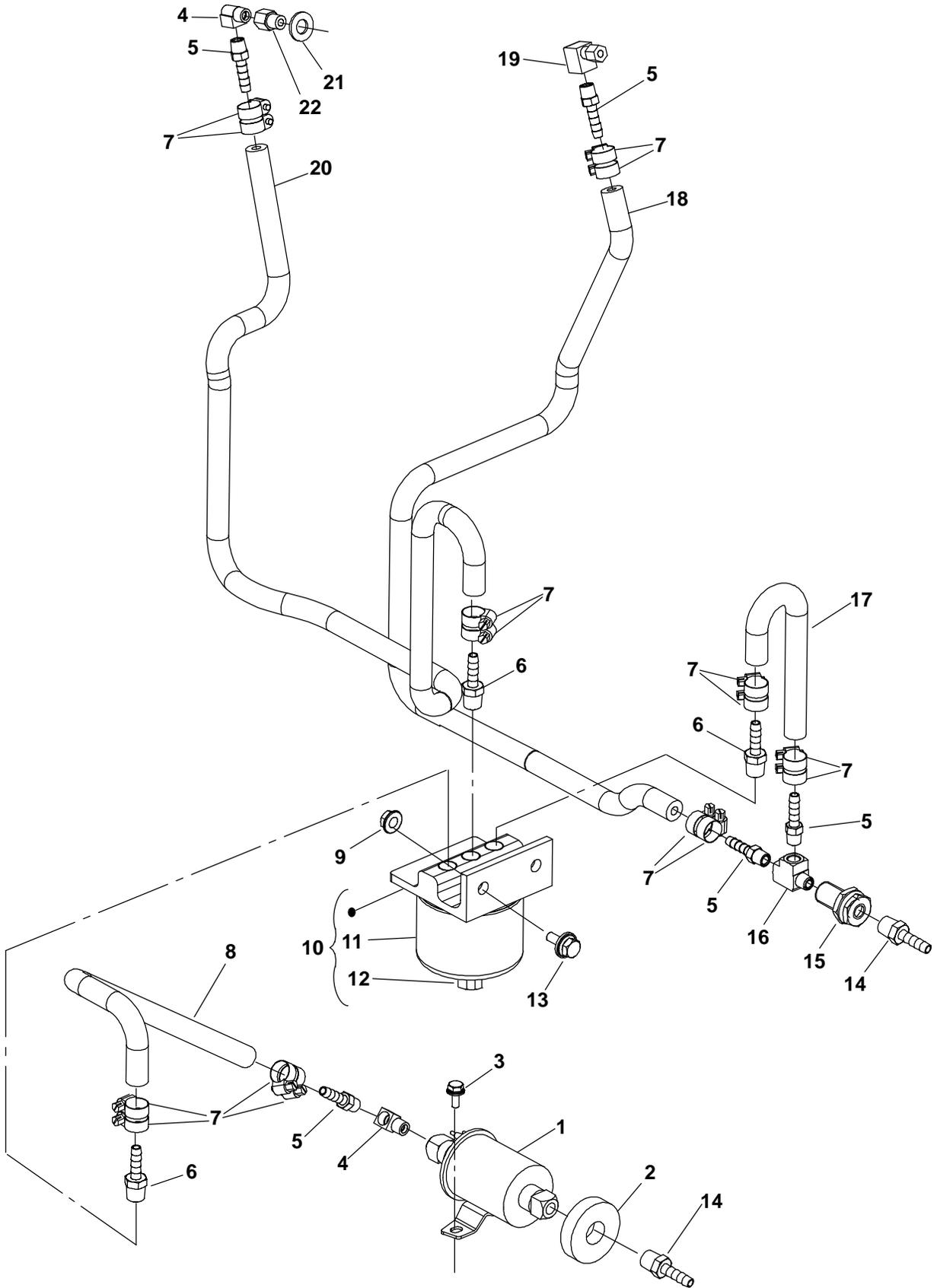
Governor



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	150-2639	1	Rotor, Governor	8	815-0877	4	Screw, Socket Head Cap
2	518-0672	1	Ring, Retainer	9	150-2641	1	Cover, Governor
3	150-2630	1	♦ Stator MC				
4	510-0184	1	Bearing, Ball				
5	150-2643	1	Carrier (Includes Carrier and Ball Bearing)				
6	150-2724	1	Spring, Governor				
7	740-1002	4	Washer, Flat (M5)				

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Fuel Pump

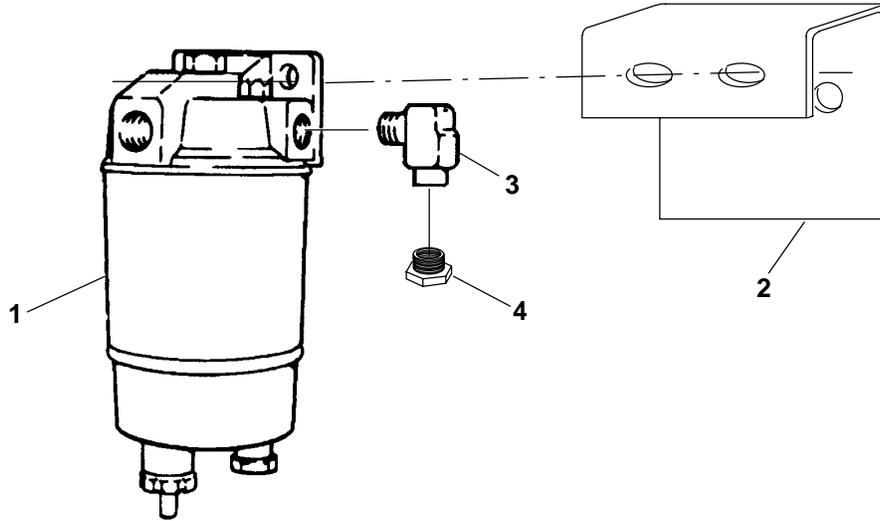


Fuel Pump

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	149-2651	1	Kit, Fuel Adapter (Includes Connectors)	16	502-1368	1	Tee, Street (1/8 NPT)
1	149-2646	1	♦ Pump, Fuel MC	17	503-2200-01	1	♦ Hose, Fuel (191.4mm) MC
2	403-3860	1	Seal, Fuel Pump	18	503-2200-04	1	♦ Hose, Fuel (784mm)(784mm) MC
3	821-6002-02	2	Screw, Hex Head Sems (M6 x 1 x 12mm)	19	502-1224	1	Elbow, 90 Female
4	502-0020	2	Elbow, Pipe	20	503-2200-03	1	♦ Hose, Fuel (849.9mm) MC
5	502-1367-01	5	Connector, Hose	21	526-0401	1	Washer, Flat
6	502-1367-02	3	Connector, Hose	22	502-1177	1	Connector, Female
7	503-2309	16	Clamp, Hose				
8	503-2200-02	1	♦ Hose, Fuel (336.8mm) MC				
9	870-2055	2	Nut, Lock Flange (M8 x 1.25)				
10	149-2634-01	1	Filter Assy, Fuel (Includes Plug and Base)				
11	149-2106	1	Filter, Fuel (Includes Plug)				
12	502-0028	1	Plug, Hex Head Pipe (1/8 NPT)				
13	821-6003-01	2	Screw, Hex Head Sems (M8 x 1.25 x 16mm)				
14	502-1367-03	2	Connector, Hose				
15	502-1244	1	Coupling, Anchor				

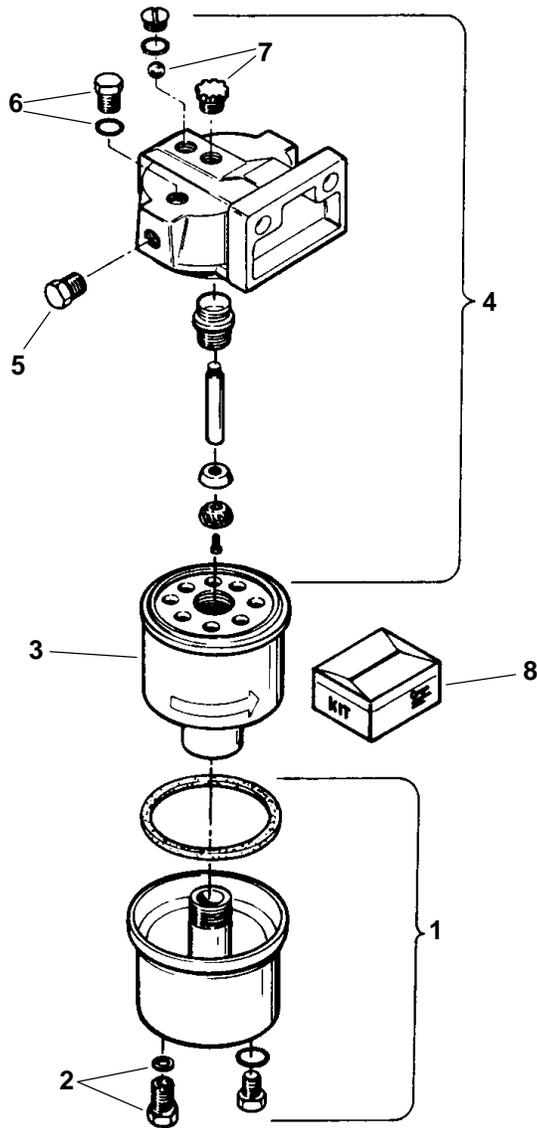
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Remote Water Separator



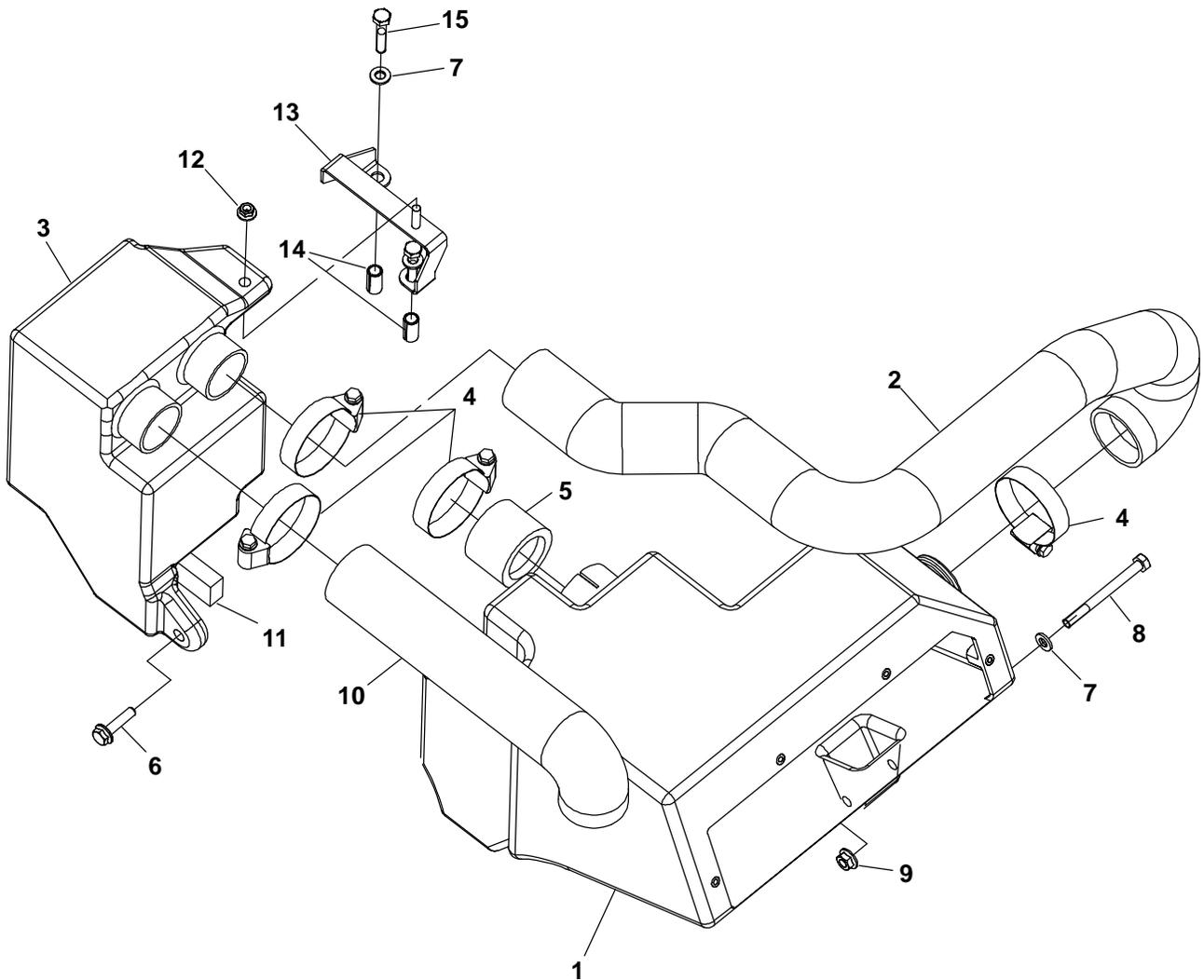
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	149-2073	1	Kit, Remote Fuel/Water Separator	2	149-2041-03	1	Bracket, Separator Mounting
1	149-1908-05	1	Separator, Fuel/Water (See Separate Page for Components)	3	502-0020-01	1	Elbow, Street 90° (1/4 NPT)
				4	502-0029	1	Bushing, Pipe (1/4" to 1/8")

Remote Water Separator Components



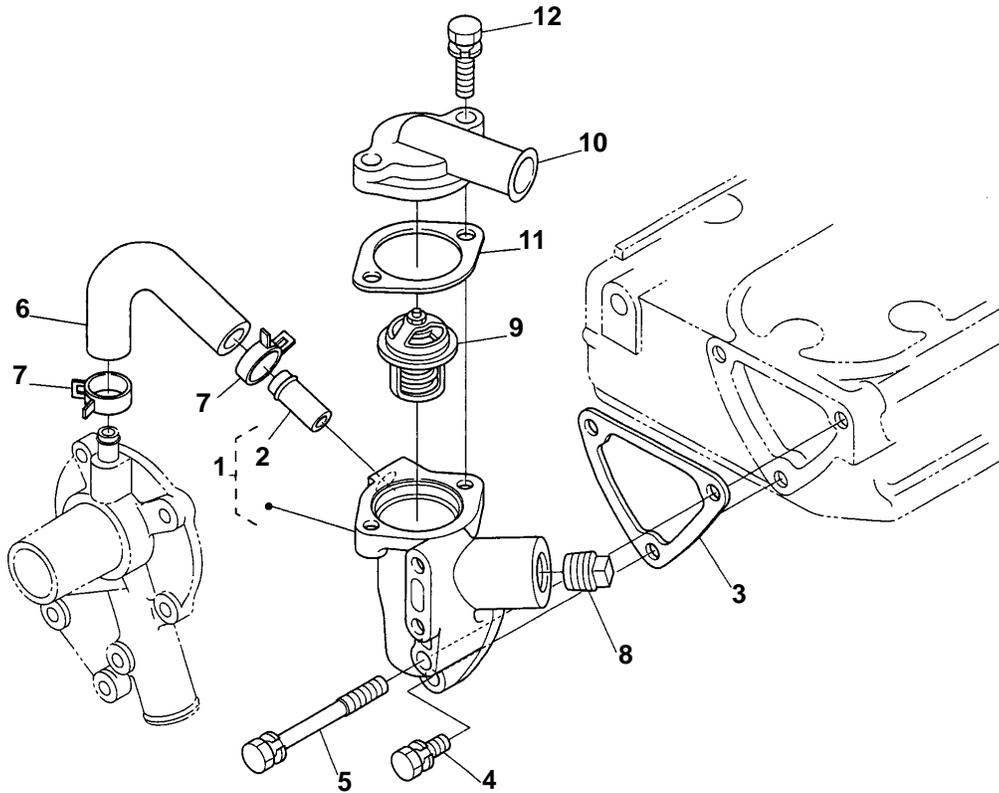
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	149-1908-05	1	Separator, Water	5	502-0153	1	Plug, Hex (1/4")
1	149-2046	1	Kit, Metal Bowl Replacement (Includes Plug, O-Rings and Drain Assy)	6	149-1952	1	Plug, Vent (Includes O-Ring)
2	149-1953	1	Drain Assy (Includes Knob and Seal)	7	149-2047	1	Pump Assy (Includes Plunger, Retainer, Shaft, Check Ball, Knob and Screw)
3	149-1914-01	1	Element (Includes Seals)	8	149-2045	1	Kit, O'Ring (Includes Seal and Plunger)
4	149-1949	1	Head Assy, Replacement (Includes Vent Plug, O-Rings, Seal, Cap, Tube and Pump Assy)				

Resonator



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	134-5261	1	Resonator, Intake	9	870-2065-02	1	Nut, Hex Flanged (M6 x 1mm)
2	503-2206	1	Hose, Intake	10	503-2192-01	1	Hose, Intake
3	134-5275-01	1	Resonator, Intake	11	895-0399	1	Tape, Weather Stripping
4	503-0429	4	Clamp, Hose	12	870-2065-01	1	Nut, Hex Flanged (M5 x 0.8mm)
5	140-2898	1	Sleeve, Air Intake	13	140-3821-02	1	Adapter, Intake Resonator
6	821-2035	1	Screw, Lock Flange (M6 x 1 x 25mm)	14	508-1228	2	Bushing
7	526-2080	3	Washer, Flat (M6)	15	800-2036	2	Screw, Hex Head Cap (M6 x 1.0 x 30mm)
8	800-2043	1	Screw, Hex Head Cap (M6 x 1 x 65mm)				

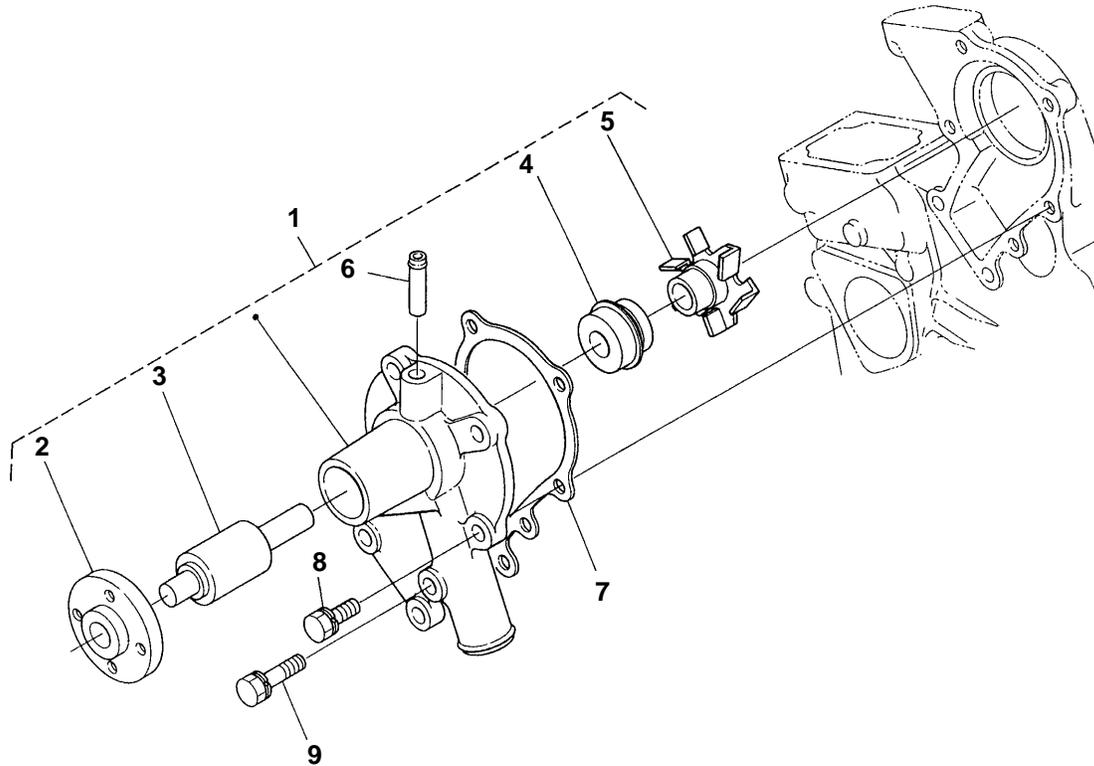
Water Flange



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	184-0063	1	Flange, Water (Includes Pipe)	7	185-6667	2	Band, Pipe
2	185-5719	1	Pipe, Water Return	8	185-5826	1	Plug
3	185-7393	1	Gasket, Water Flange	9	185-5458	1	Thermostat
4	185-2388	1	Bolt	10	185-7208	1	Cover, Thermostat
5	184-0038	1	Bolt	11	185-2238	1	Gasket, Thermostat
6	184-0064	1	Pipe, Water Return	12	185-6677	2	Bolt

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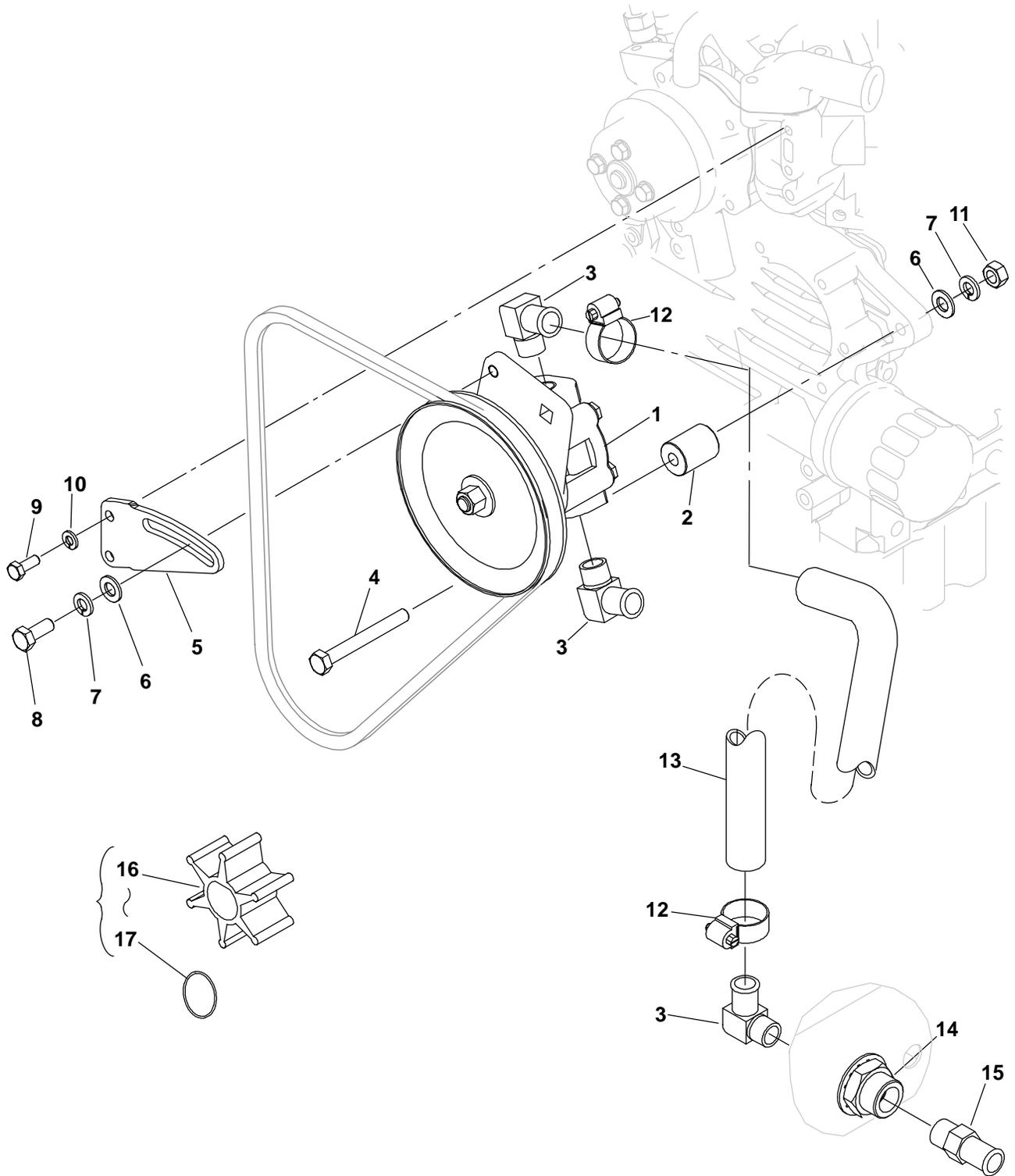
Coolant Water Pump



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-5433	1	Pump Assy, Water (Includes Parts Marked *)	7	185-5434	1	Gasket, Water Pump
2	185-5712	1	*Flange	8	185-2559	2	Bolt
3	185-5713	1	*Bearing	9	185-5717	2	Bolt
4	185-5714	1	*Seal Assy, Mechanical				
5	185-5715	1	*Impeller, Water Pump				
6	185-5716	1	*Pipe, Water Return				

* - Parts Included in Water Pump Assy.

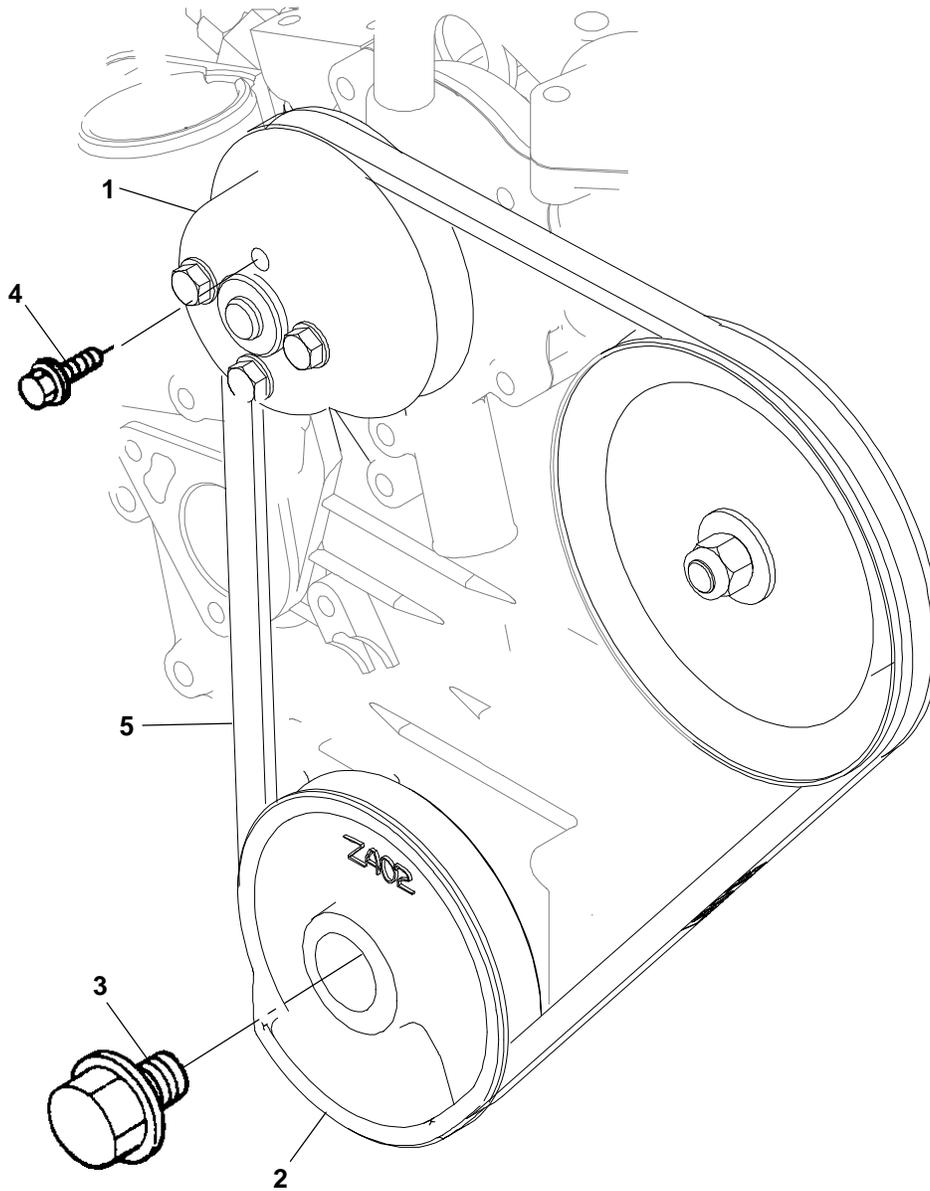
Raw Water Pump



Raw Water Pump

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	132-0415	1	Kit, Water Pump Service (Includes Impeller and O'Ring)				(M8 x 20mm)
1	132-0430	1	Pump, Water	9	800-3017-03	2	Screw, Hex Head Cap (M6 x 16mm)
2	132-0411-01	1	Spacer, Water Pump	10	850-0114-53	2	Washer, Lock (M6)
3	502-0942	3	Elbow, 90° Hose (3/8 NPT x 5/8 Hose)	11	860-2008	1	Nut, Hex (M8)
4	800-3017-29	1	Screw, Hex Head Cap (M8 x 70mm)	12	503-1135	2	Clamp, Hose
5	130-5188-02	1	Bracket, Mounting	13	503-2193	1	Hose, Coolant
6	526-0122	2	Washer, Flat (M8)	14	502-1209	1	Coupling, Union
7	850-2008	2	Washer, Lock (M8)	15	502-0943	1	Connector, Hose
8	800-3017-19	1	Screw, Hex Head Cap	16	132-0407	1	Impeller, Pump
				17	132-0410	1	O'Ring

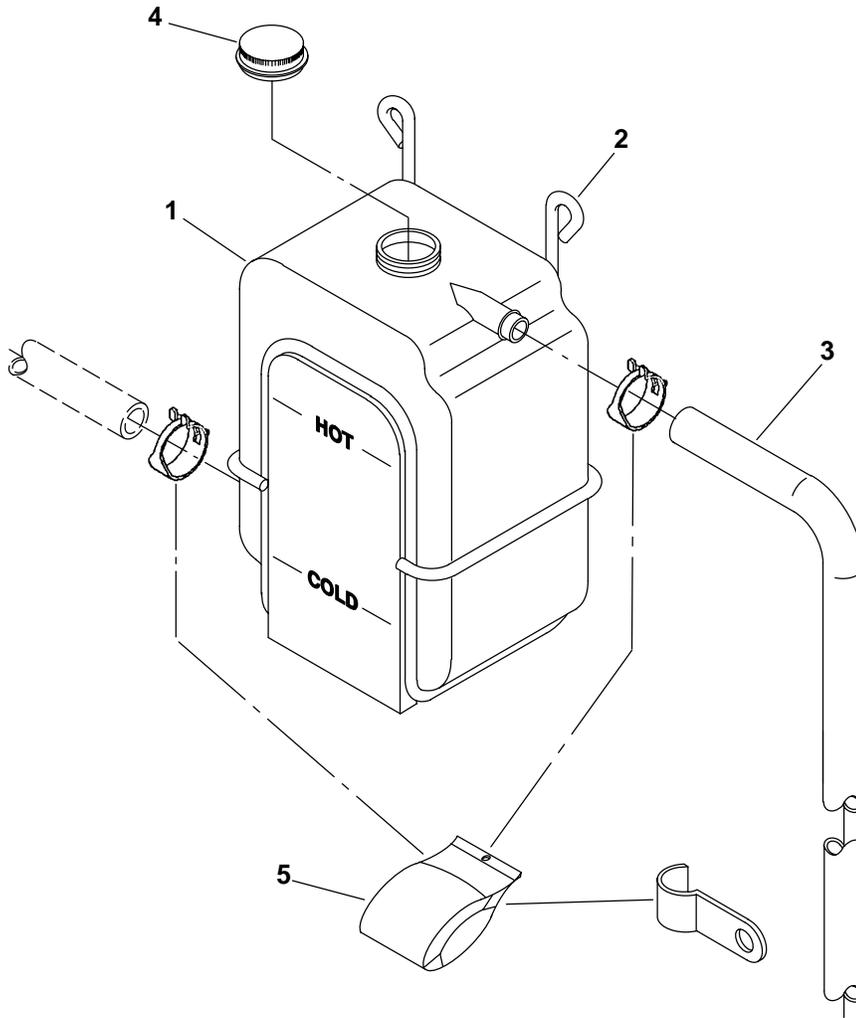
Pulley



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-5707	1	Pulley, Fan	5	511-0197	1	◆ Belt, "V" MC
2	184-0050	1	Pulley, Fan Drive				
3	185-5709	1	Bolt, Flange				
4	185-2572	4	Bolt, Flange				

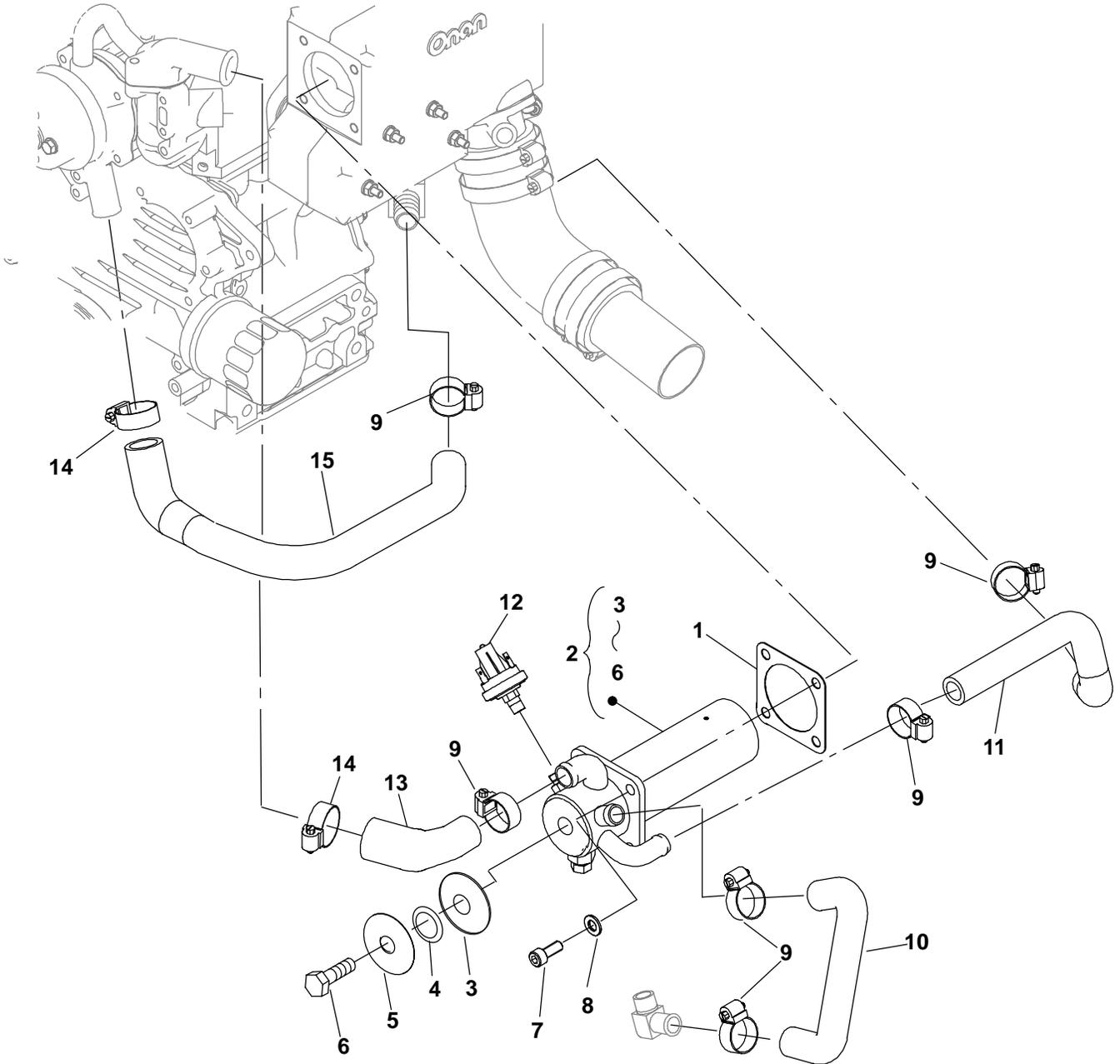
⚠ WARNING ◆ MC – Are MARINE CRITICAL and must comply with boating safety ignition protection, backfire, fire resistance, exhaust system integrity, or other requirements established by regulatory agencies, such as US Coast Guard, ABYU, and ISO. When MARINE CRITICAL parts are replaced for any reason, use Onan parts that are identified with the part numbers in this book.

Coolant Recovery



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	130-3574	1	Kit, Coolant Recovery	4	130-3572	1	Cap, Tank
1	130-3570	1	Tank, Coolant Recovery	5	130-3573	1	Hardware Package (Includes Mounting Hardware)
2	130-3571	1	Hanger, Tank				
3	503-1692	1	Hose (5/16 I.D. x 120" Lg.)				

Heat Exchanger

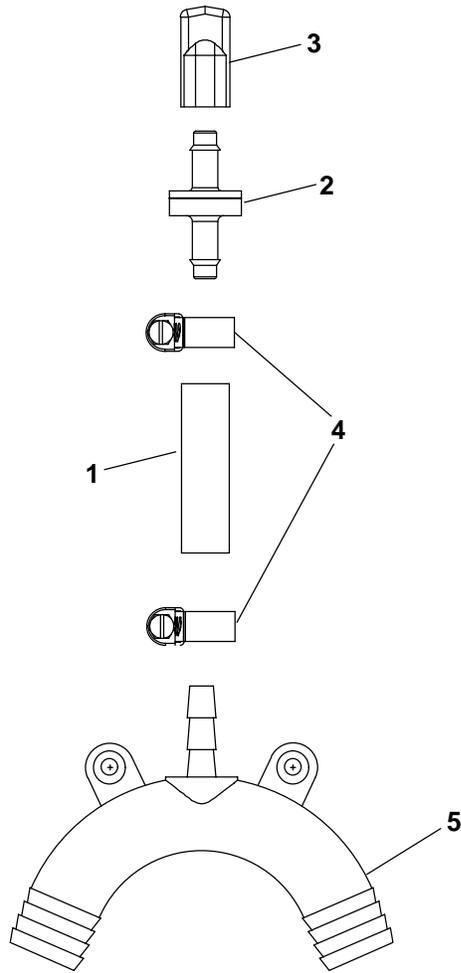


Heat Exchanger

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	130-5176	1	Kit, Cap (Includes Parts Marked *)	13	503-2160	1	Hose, Coolant
1	130-5139	1	Gasket, Heat Exchanger	14	503-1136	2	Clamp, Hose
2	130-5138	1	Exchanger, Heat (Includes Gasket, O'Ring, Cover, and Screw)	15	503-2161	1	Hose, Coolant
3	130-5170	1	*Gasket, End Cover	<p>⚠WARNING ♦ MC – Are MARINE CRITICAL and must comply with boating safety ignition protection, backfire, fire resistance, exhaust system integrity, or other requirements established by regulatory agencies, such as US Coast Guard, ABYD, and ISO. When MARINE CRITICAL parts are replaced for any reason , use Onan parts that are identified with the part numbers in this book.</p>			
4	509-0351	1	*O'Ring				
5	130-5169	1	*Cover, End				
6	800-0317	1	*Screw, Hex Head (5/16-18)				
7	725-1050	4	Screw, Socket, Head Cap (M8 x 20mm)				
8	526-0122	4	Washer, Flat (M8)				
9	503-1135	6	Clamp, Hose				
10	503-2162	1	Hose, Coolant				
11	503-2189	1	Hose, Coolant				
12	309-0667	1	♦ Switch, Pressure MC				

* – Parts Included in Heat Exchanger Cap Kit.

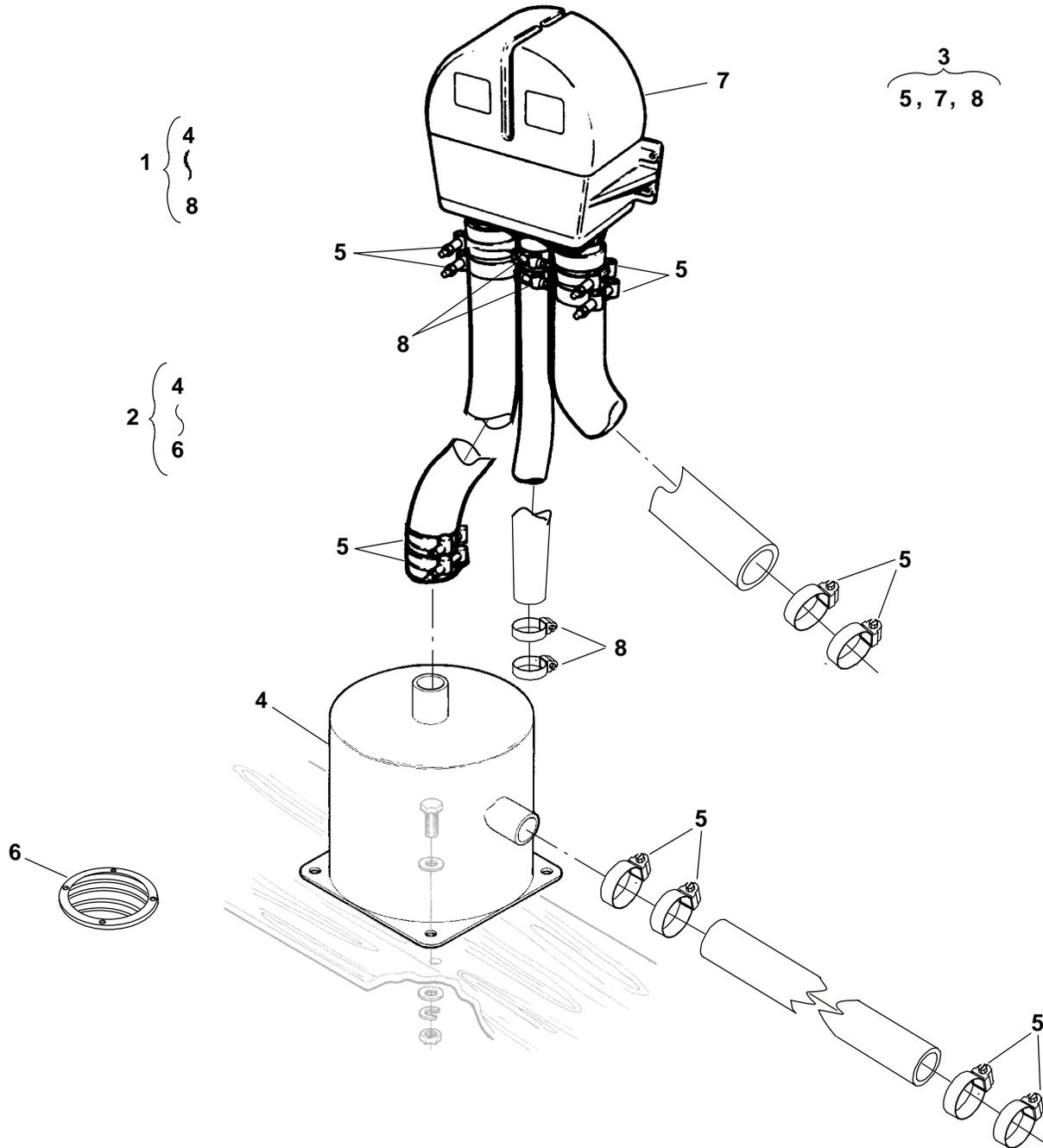
Break Siphon Kit



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	541-0876-02	1	Kit, Siphon Break	8	503-2396	1	*Hose, Coolant
1	503-2352	1	Hose, Coolant	9	503-2213	2	*Hose, Coolant
2	504-0223	1	Valve, Check	10	502-1383	1	*Union, Hose (3/4" x 3/4")
3	502-1425-02	2	Cap, Tube				
4	503-2309	1	Clamp, Hose				
5	502-1463	8	Connector, Hose				
6	503-0977	2	*Clamp, Hose				
7	155-1252	1	*Grommet				

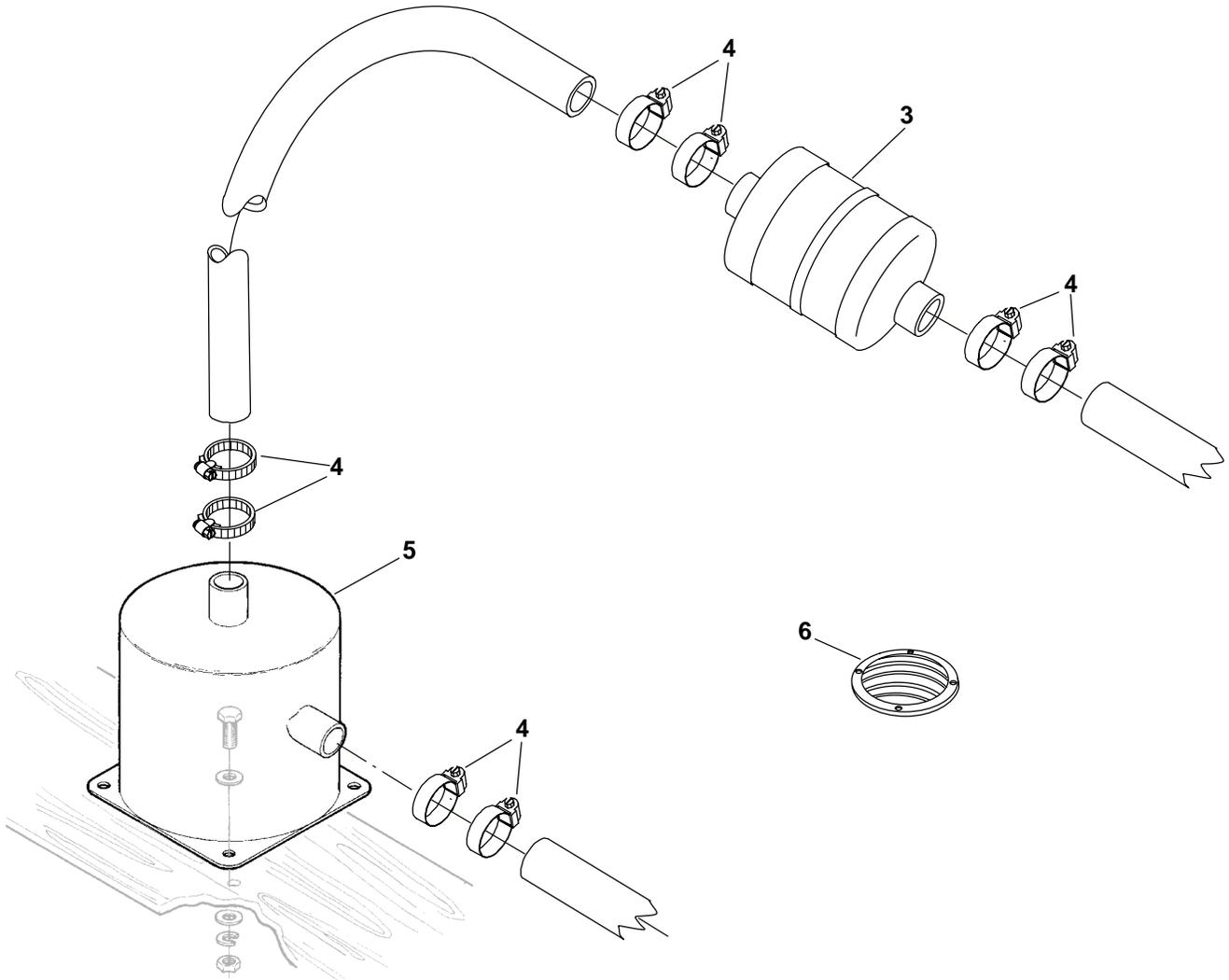
* - Parts not shown in Assembly view are shipped loose in kit.

Muffler/Water Separator



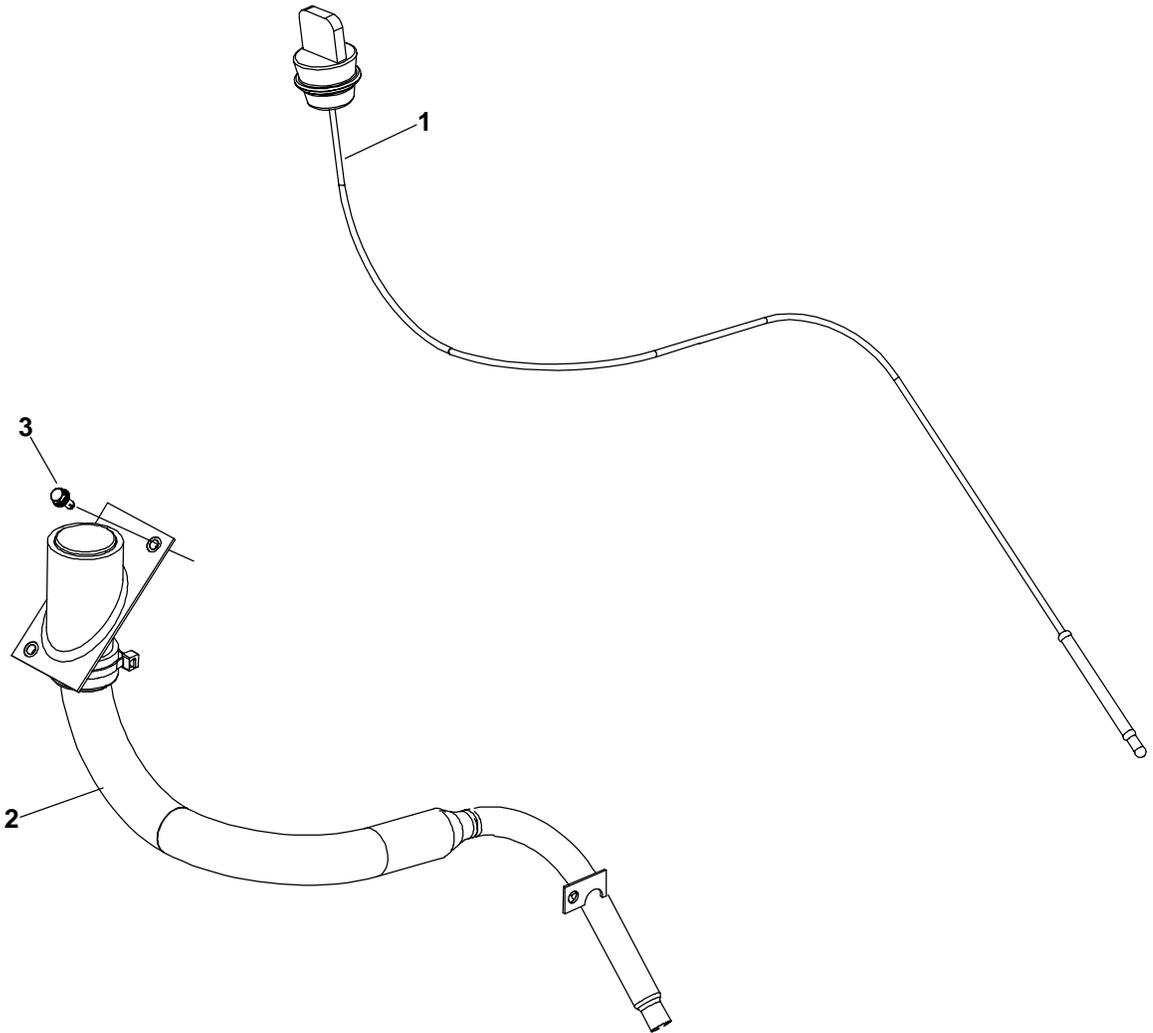
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-3217	1	Kit, Muffler/Separator (Includes Parts Marked *)	6	155-1002	1	*+Strainer, Water Pickup
2	155-2030	1	Kit, Muffler (Includes Parts Marked +)	7	155-3218	1	*•Separator, Water (2")
3	155-3216	1	Kit, Water Separator (Includes Parts Marked •)	8	503-1139	4	*•Clamp, Hose (1-1/2")
4	155-2029	1	*+Muffler	* - Parts Included in Muffler/Separator Kit. + - Parts Included in Muffler Kit. • - Parts Included in Water Separator Kit.			
5	503-1142	8	+ Muffler Kit				
	503-1142	4	• Separator Kit				
	503-1142	10	* Muffler/Separator Kit				

Muffler/Resonator



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-3147	1	Kit, Muffler (Includes Parts Marked *)	5	155-2029	1	*Muffler
2	155-3239	1	Kit, Resonator (Includes Resonator)	6	155-1002	1	*Strainer, Slotted
3	155-3149	1	*Resonator (2")	* - Parts Included in Marine Muffler Kit.			
4	503-1142	12	*Clamp, Hose				

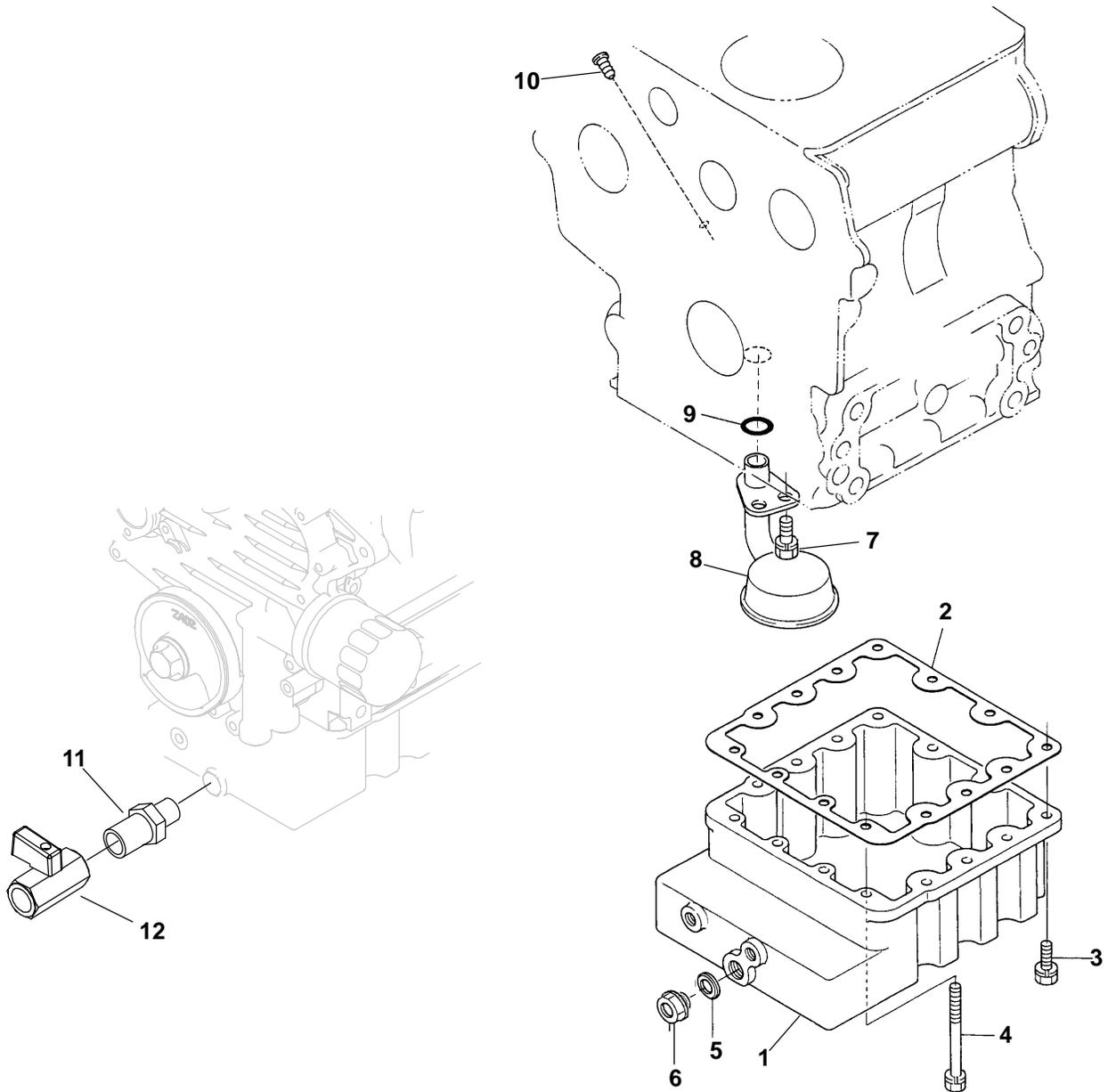
Oil Fill Tube



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	123-2167	1	Indicator Assy, Oil
1	123-2150	1	Indicator, Oil
2	123-2152	1	Tube, Oil
3	821-6006-01	2	Screw, Hex Head Sems (M6 x 1 x 16mm)

* - All parts included in Assembly.

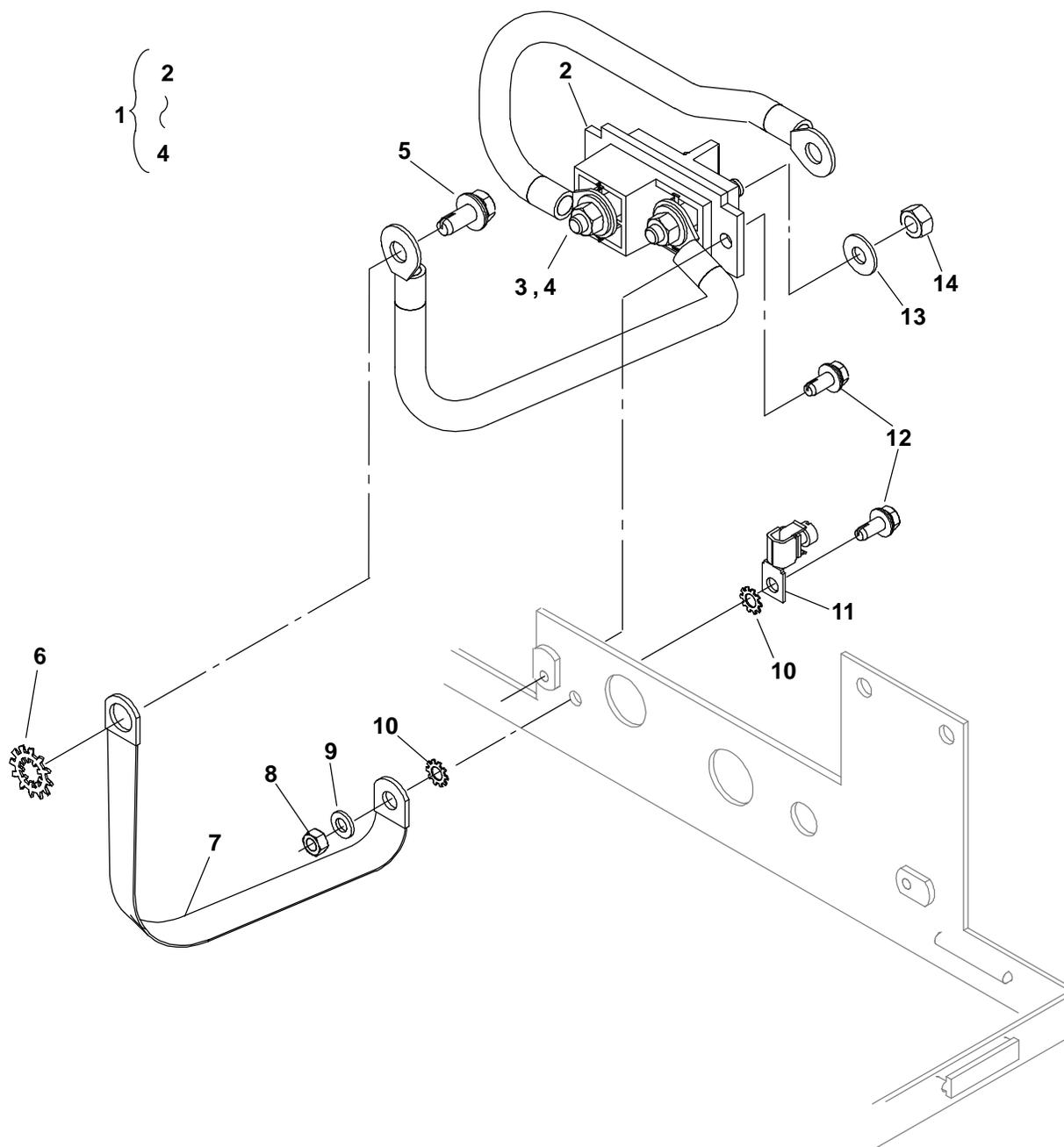
Oil Pan



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	184-0047	1	Pan, Oil
2	184-0039	1	Gasket, Oil Pan
3	185-2389	10	Bolt
4	184-0011	4	Bolt
5	185-2343	1	Gasket
6	517-0386	1	Plug

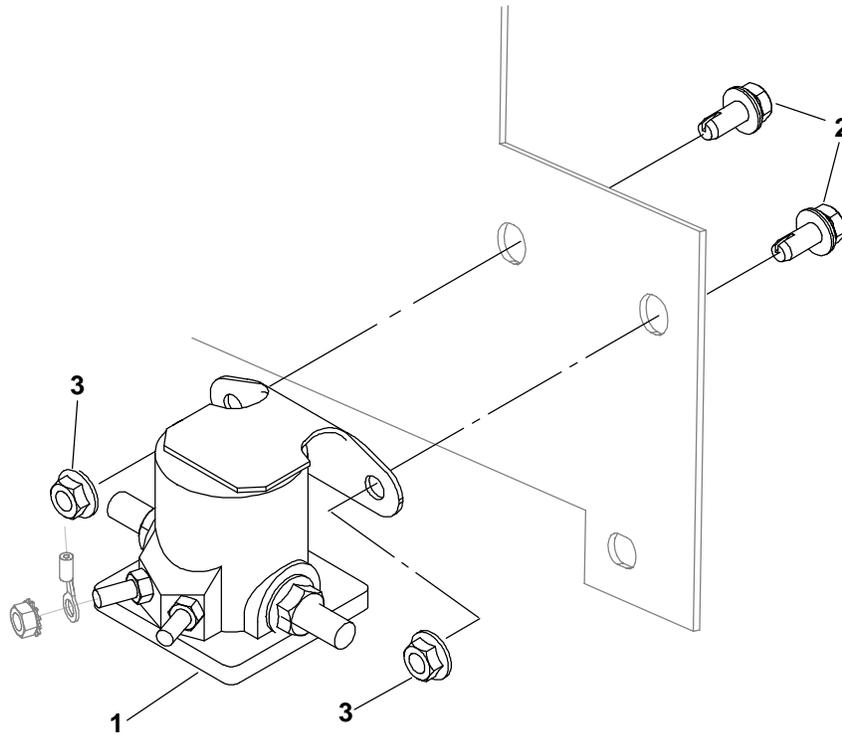
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
7	185-6956	1	Bolt
8	184-0048	1	Pickup, Oil
9	185-7421	1	O'Ring
10	505-2318	1	Plug, Oil Gauge
11	102-1485	1	Adapter, Oil Drain
12	504-0206	1	Valve, Ball

Battery Harness



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-3987	1	Harness, Battery (Includes Terminal Block, 2 Washers 2 Nuts, and Cables)	8	860-2007	1	Nut, Hex (M6)
2	332-3408	1	Block, Terminal	9	526-2081	1	Washer, Flat
3	526-0054	2	Washer, Flat (5/16")	10	853-0013	2	Washer, Lock ET
4	871-0025	2	Nut, Hex (.313-18)	11	332-0142	1	Lug, Solderless
5	815-0586	1	Screw, Hex Head Cap (M10 x 1.25 x 16mm)	12	821-6006-01	3	Screw, Hex Head Sems (M6 x 1 x 16mm)
6	856-0012	1	Washer, Lock ET	13	526-0054	2	Washer, Flat (5/16")
7	337-2785	1	Strap, Bond	14	871-0025	2	Nut, Hex Brass (5/16-18)

Relay (Isolated Ground)

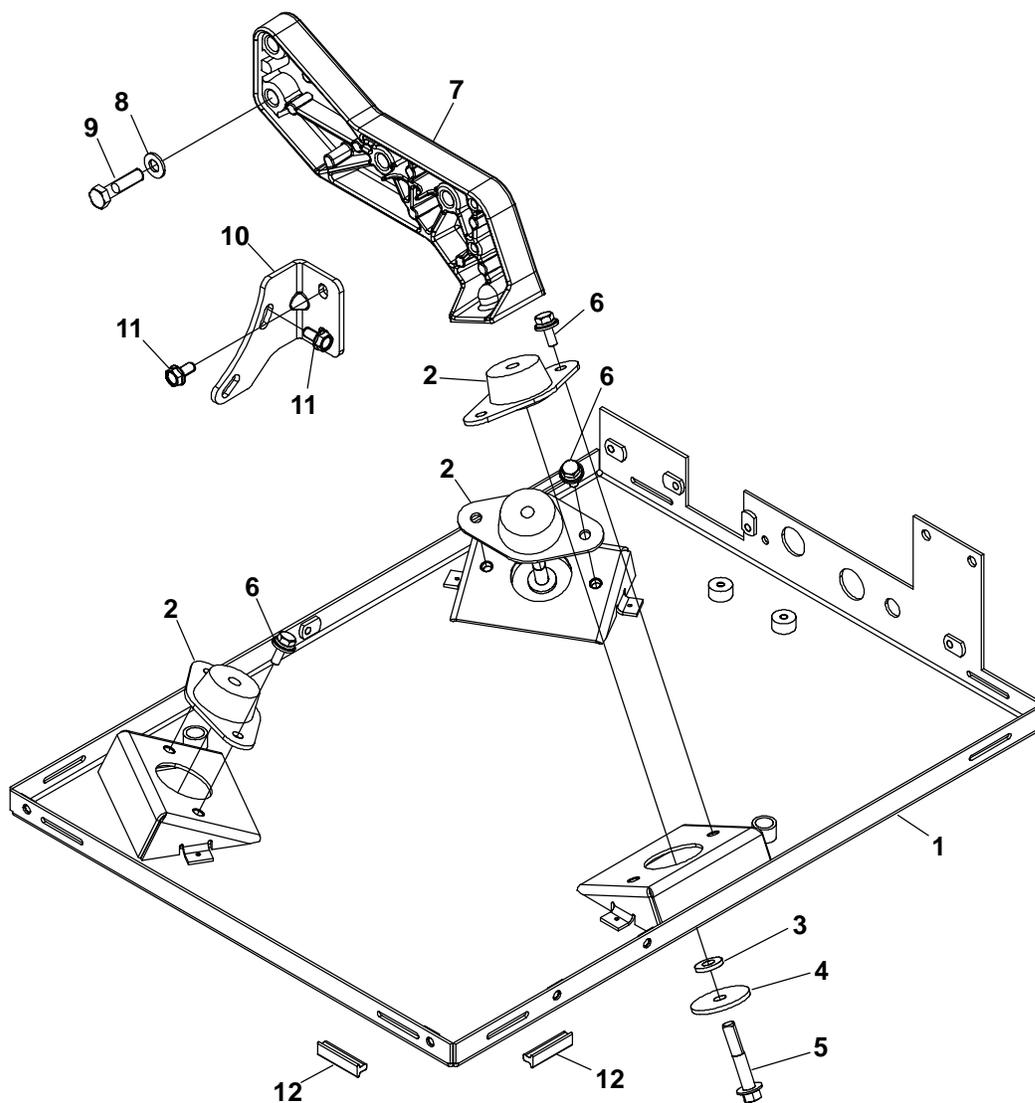


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	300-5464	1	Kit, Isolated Ground (Includes Parts Listed Above and Water Temperature Sender Listed on Cylinder Head Page, and Oil Pressure Sender [with Hardware] Listed on Cylinder Block Page)
1	307-1617	1	◆ Relay MC
2	821-6006-01	2	Screw, Hex Head Sems (M6 x 16)
3	870-2065-02	2	Nut, Hex Flange (M6)

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tory agencies, such as US Coast Guard, ABYU, and ISO. When **MARINE CRITICAL** parts are replaced for any reason, use Onan parts that are identified with the part numbers in this book.

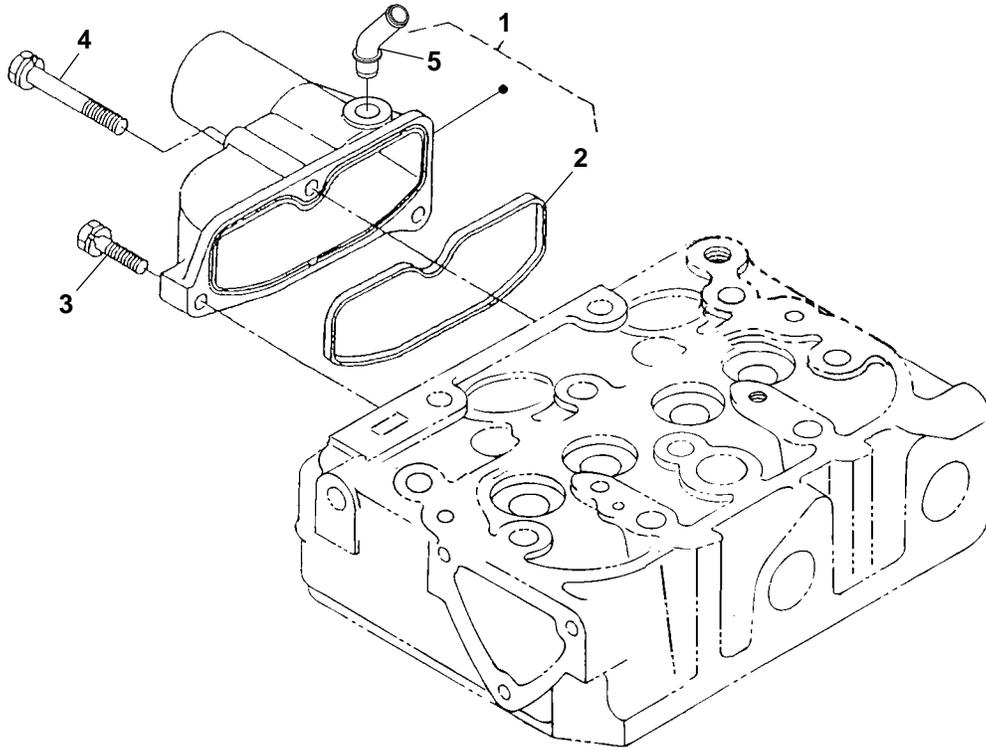
Drip Pan



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	403-4541-02	1	Pan, Drip	7	403-4605	1	Bracket, Engine Mount
2	402-0728-01	3	Isolator, Vibration	8	526-2120	3	Washer, Flat (M10)
3	526-0030	3	Washer, Flat (3/8")	9	800-3006	3	Screw, Hex Head Cap (M10 x 1.25 x 40mm)
4	526-0324	3	Washer, Flat (3/8")	10	403-4635-04	1	Bracket, Engine Generator
5	815-0842-09	3	Screw, Hex Head Thread Form (M10 x 1.5)	11	815-0709-01	4	Screw, Hex Head Thread Form (M8 x .25 x 18mm)
6	821-6003-01	6	Screw, Hex Head Sems (M8 x 1.25 x 16mm)	12	405-6776	8	Seal, Enclosure

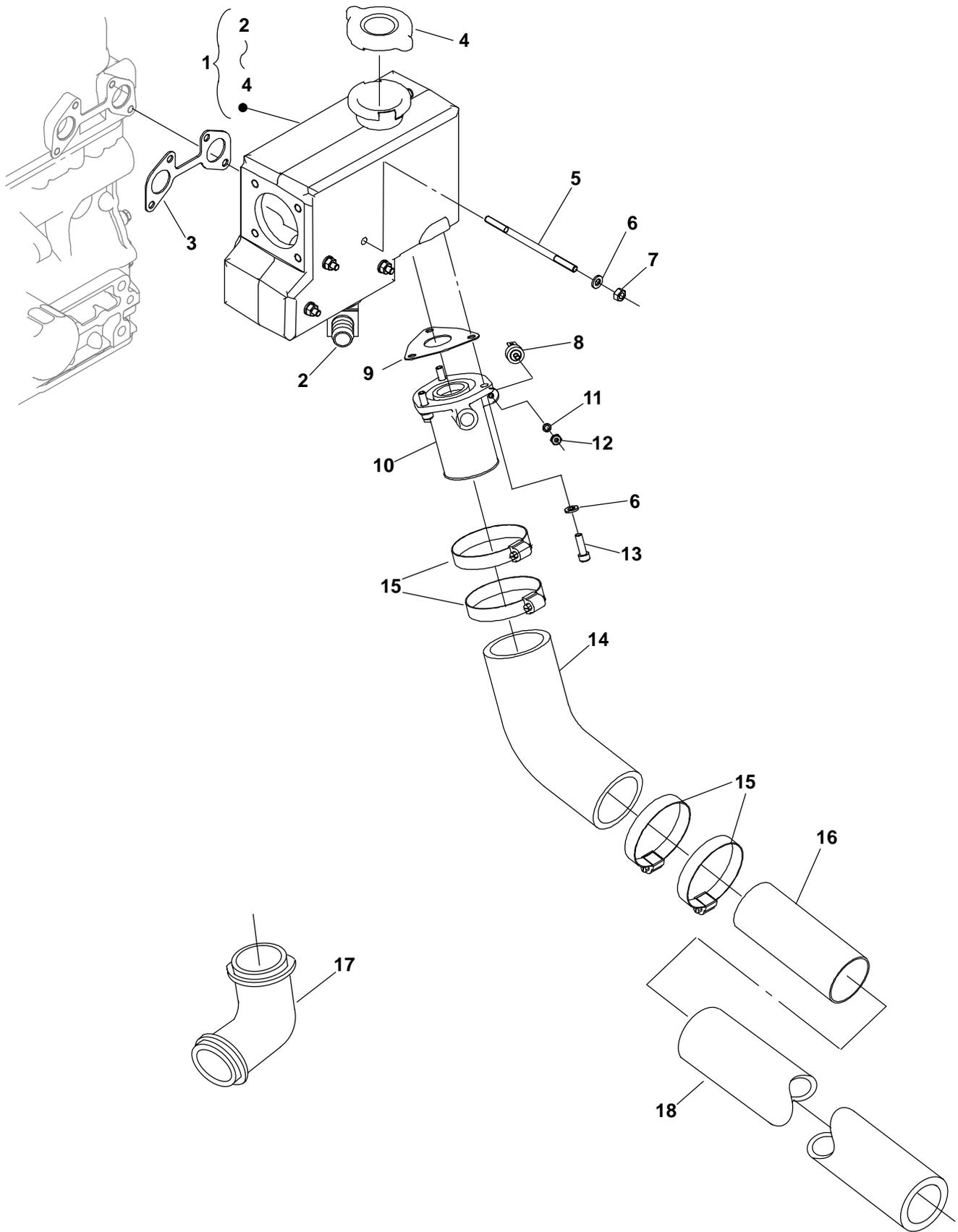
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Inlet Manifold



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	154-3205	1	Manifold Assy, Inlet (Includes Gasket)	4	185-5833	1	Bolt
2	185-5335	1	Gasket, Inlet Manifold	5	123-2300	1	Tube, Breather
3	185-2389	2	Bolt				

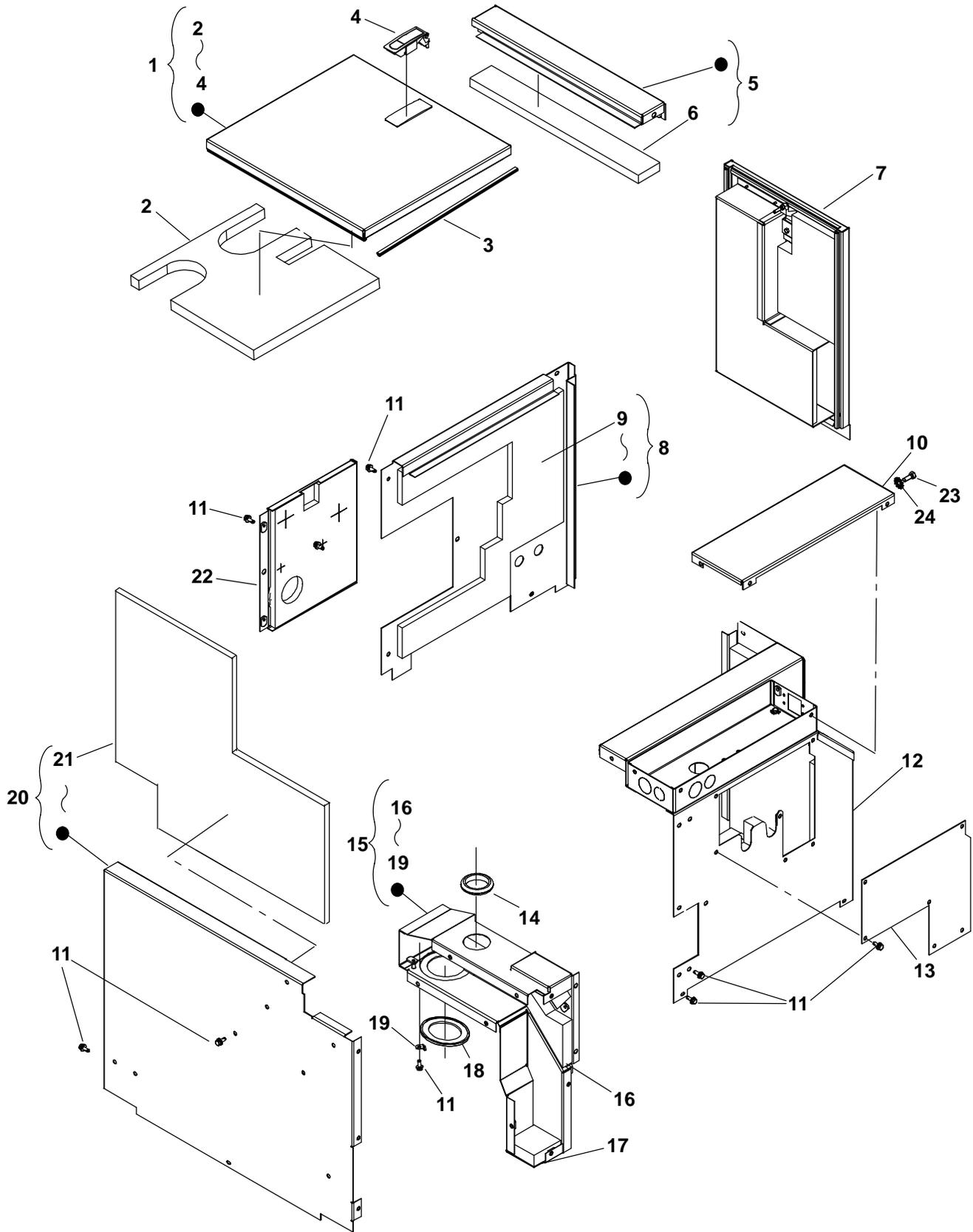
Muffler



Muffler

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	541-0599	1	Kit, Exhaust (Part Included Marked *)	13	802-2068	3	Screw, Socket, Head (M6 x 1 x 20mm)
1	154-3073-01	1	◆ Manifold Assy, Exhaust (Includes Filler Neck and Elbow) MC	14	503-2177	1	Hose, Exhaust
2	502-1338	1	Elbow	15	503-1142	4	Clamp, Hose
3	185-6851	1	◆ Gasket, Exhaust Manifold MC	16	155-4065	1	Tube, Exhaust
4	130-3721	1	Cap, Radiator	17	155-2033	1	Elbow, 90° Exhaust (2")
5	520-1021	4	◆ Stud MC	18	503-1353	1	Hose, Exhaust (2" x 10')
6	740-1004	7	◆ Washer, Flat (M6) MC	<div style="border: 1px solid black; padding: 2px; display: inline-block;">⚠ WARNING</div> ◆ MC – Are MARINE CRITICAL and must comply with boating safety ignition protection, backfire, fire resistance, exhaust system integrity, or other requirements established by regulatory agencies, such as US Coast Guard, ABYO, and ISO. When MARINE CRITICAL parts are replaced for any reason, use Onan parts that are identified with the part numbers in this book.			
7	862-0026-54	4	◆ Nut, Hex (M6 x 1) MC				
8	309-0597-01	1	◆ Switch, Exhaust Temperature MC				
9	155-3061	1	◆ Gasket, Exhaust MC				
10	154-3163	1	◆ Mixer, Exhaust MC				
11	850-0025	1	◆ Washer, Split Lock (#8) MC				
12	860-0008	1	◆ Nut, Hex (#8-32) MC				

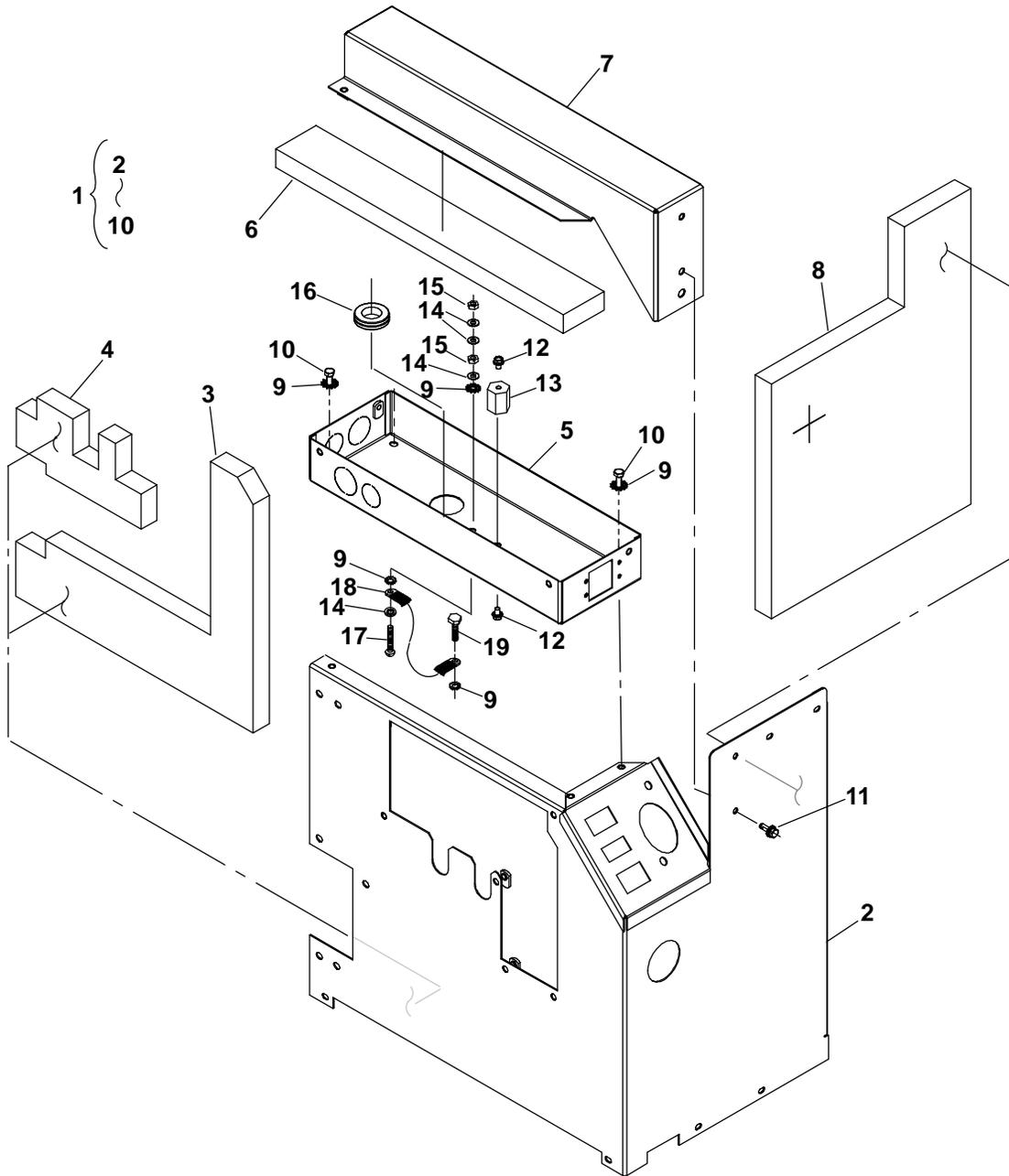
Enclosure



Enclosure

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-6730	1	Cover, Enclosure (Includes Insulation, Seal, and Latch)	13	405-8535-03	1	Components) Cover, Control Panel Access
2	405-6751	1	Insulation	14	508-0051	1	Grommet
3	405-6693	1	Seal (5')	15	405-6728	1	Duct, Air Inlet (Includes Parts Marked *)
4	405-5884	1	Latch	16	405-6759	1	*Insulation
5	405-6774	1	Support, Top (Includes Insulation)	17	405-6755	2	*Insulation
6	405-6775	1	Insulation	18	509-0359	1	*Seal, Brush
7	-		Panel, Service (See Service/ Exhaust Panel Page for Components)	19	405-6769-02	3	*Retainer, Seal
8	405-6767	1	Panel, Side (With Service Door) (Includes Insulation)	20	405-6716	1	Panel, Side (Includes Insulation)
9	405-6766	1	Insulation	21	405-6752	1	Insulation
10	405-6713-03	1	Cover, Control Box	22	-	1	Cover, Side Panel Access (See Service / Exhaust Panel Page for Components)
11	821-6006-01	40	*Screw, Hex Head Sems (M6 x 1 x 16mm)	23	800-6033	4	Screw, Hex Head Cap (M6 x 1.0 x 16mm)
12	-		Panel, Control (See Control Box Begin Spec B Page for	24	856-0006	4	Washer, ETIT Locking (1/4")

Control Box



Control Box

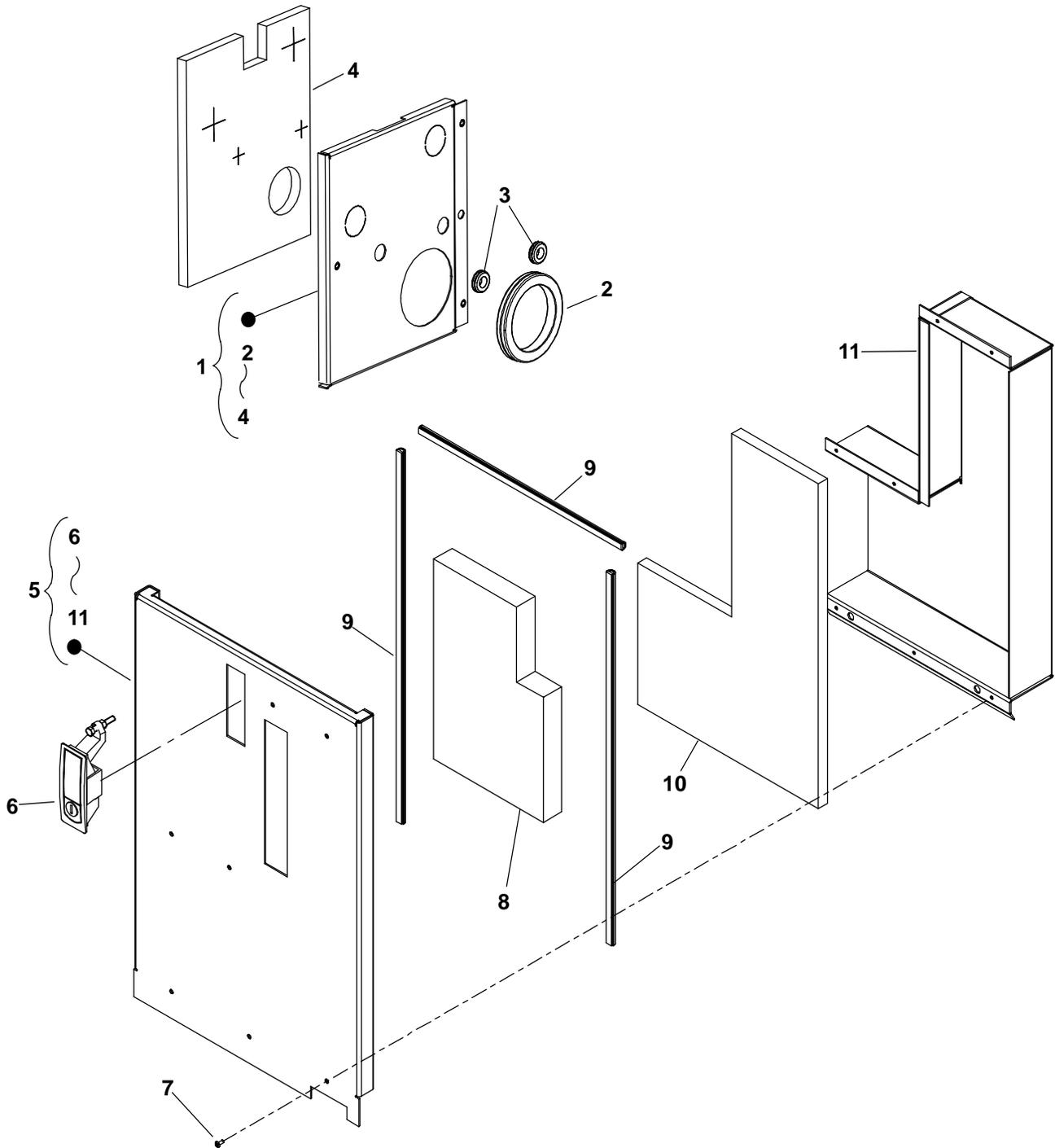
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-8534	1	Panel Assy, Control (Includes Parts Marked *)	17	810-0155	1	Screw, Round Head (.25-20UNC x 1.25")
2	405-8532-03	1	*Panel, Control)	18	337-2953	1	◆ Strap, Bond MC
3	405-6742	1	*Insulation	19	718-1020	1	Screw, Hex Head Cap (M6 x 1 x 16m)
4	405-8541	1	*Insulation				
5	405-6727-03	1	*Box, Control				
6	405-6750	1	*Insulation				
7	405-6734-03	1	Cover, Enclosure				
8	405-6749	1	Insulation				
9	856-0006	11	Washer, EIT Lock (1/4")				
10	800-6033	4	*Screw, Hex Head Sems (M6 x 1 x 16mm)				
11	821-6006-01	2	*Screw, Hex Head Sems Stainless (M6 x 1 x 16mm)				
12	821-0008	2	Screw, Lock Head (1/4-20 x 5/16")				
13	332-2370	1	Standoff, Insulator				
14	526-0052	4	Washer, Flat (1/4")				
15	871-0016	2	Nut, Hex (.25-20UNC)				
16	508-0117	1	Grommet (1")				

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* – Parts Included in Control Cover.

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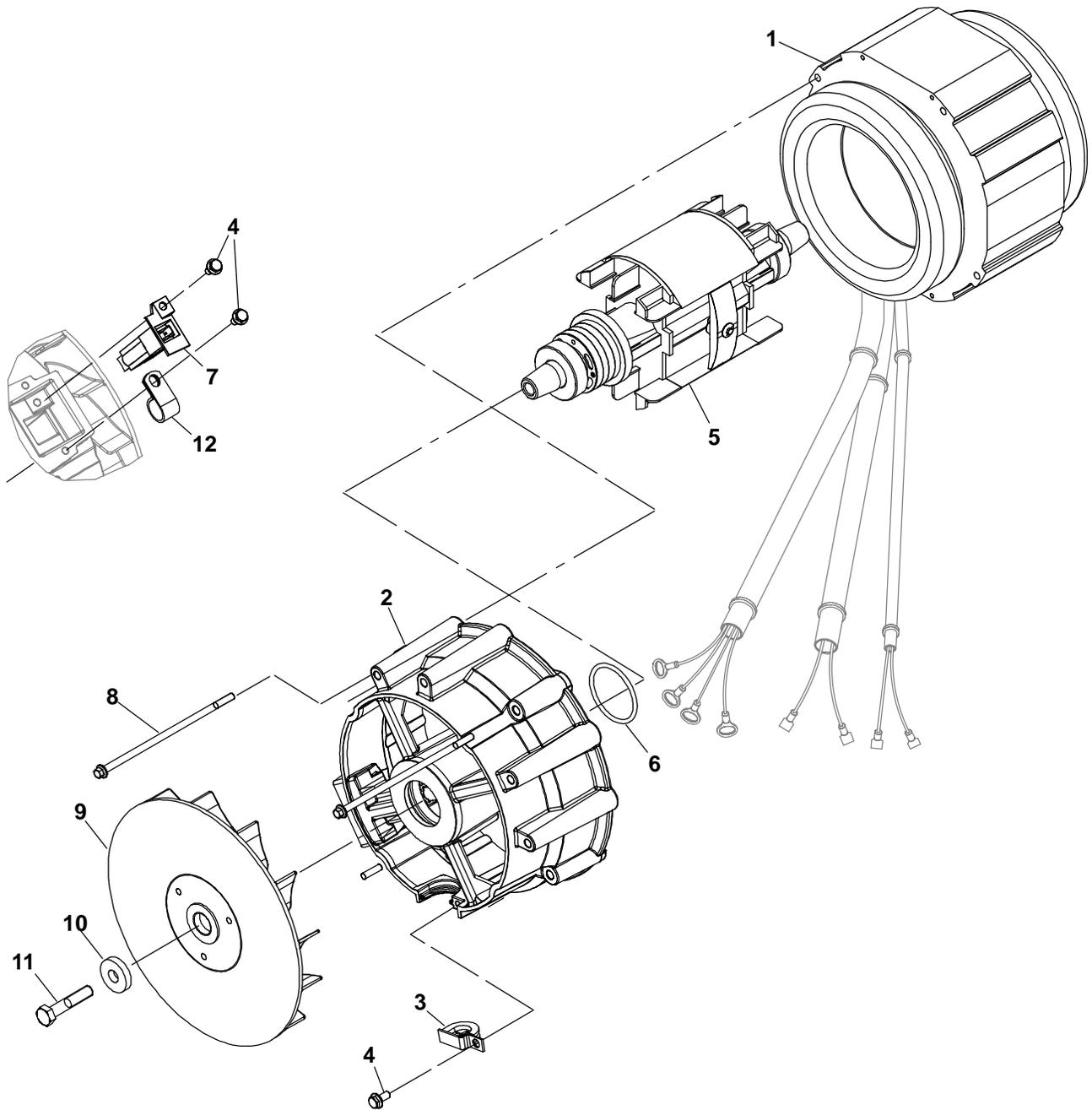
Service/Exhaust Panel



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-6721	1	Cover, Side Panel Access (Includes Grommets and Insulation)	7	818-0194	7	*Rivet, Pop
2	508-1095	1	Grommet, Rubber	8	405-6757	1	*Insulation
3	508-0021	2	Grommet	9	405-6693	1	*Seal, Enclosure (3.8ft)
4	405-6761	1	Insulation	10	405-6758	1	*Insulation
5	405-6718	1	Panel, Service (Includes Parts Marked *)	11	405-6753-02	1	*Duct, Exhaust
6	406-0961	1	*Latch, Enclosure				

* - Parts Included in Service Panel.

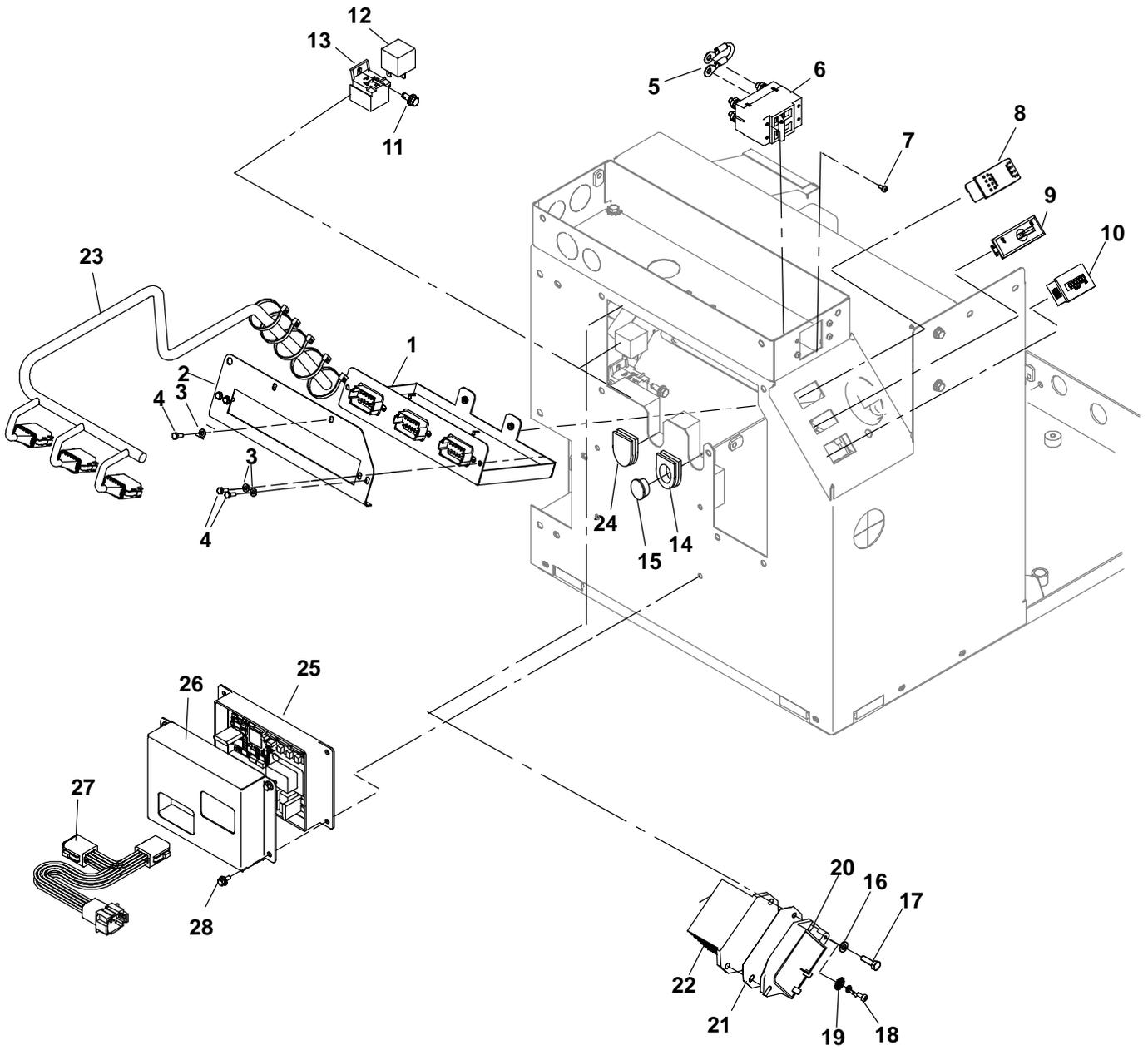
Generator



Generator

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	220-4610-05	1	◆ Assy, Stator Wound (Includes Leads T1-T4, Q1, Q50, Q60 and B1-B2) MC	10	526-0017	1	Washer, Flat
2	211-0521	1	◆ Endbell MC	11	800-2091	1	Screw, Hex Head Cap (M10 x 1.5 x 50mm)
3	508-1167	1	Grommet	12	332-1356	1	Clamp, Loop (3/4")
4	815-0753	3	◆ Screw, Locking Flange MC	⚠WARNING ◆ MC - Are MARINE CRITICAL and must comply with boating safety ignition protection, backfire, fire resistance, exhaust system integrity, or other requirements established by regulatory agencies, such as US Coast Guard, ABYO, and ISO. When MARINE CRITICAL parts are replaced for any reason, use Onan parts that are identified with the part numbers in this book.			
5	201-3607-03	1	◆ Assy, Rotor (Includes Excitor Hub Drive and Rotor Coil) MC				
6	509-0196	1	O'Ring				
7	212-1303	1	◆ Block, Brush (Includes Brushes and Springs) MC				
8	815-0927-01	4	Bolt, Stator Mounting				
9	205-0300	1	Fan, Generator				

Control



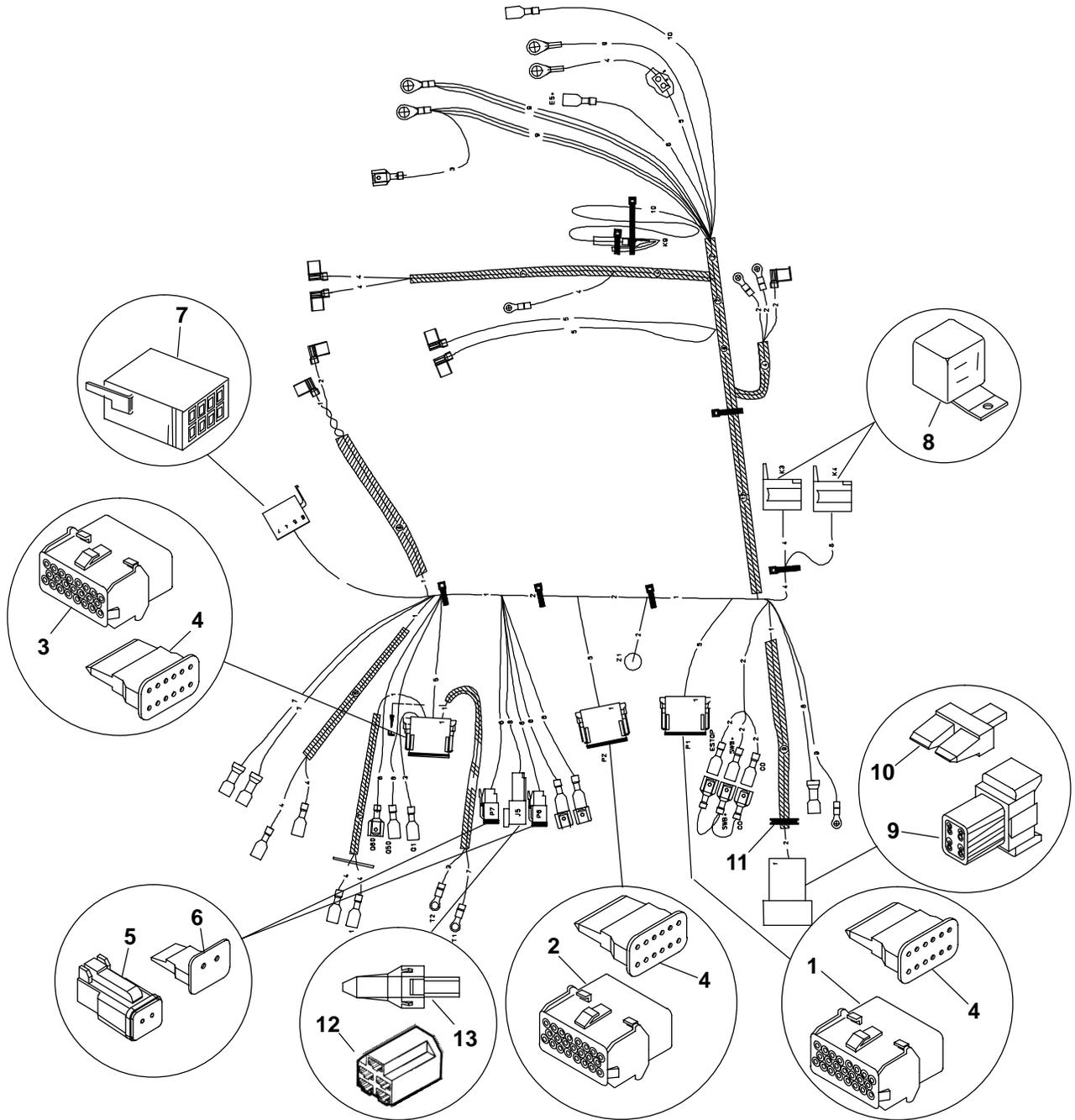
Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	541-1195-01	1	Kit, PCB (J1939 NIM)(Includes PCB, Cover, Harness and Screws)	17	815-0974-04	2	Screw, Hex Head Cap (M6 x 20)
	541-1195-02	1	Kit, PCB (Smartcraft NIM) (Includes PCB, Cover, Harness and Screws)	18	815-0792-03	1	Screw, Pan Crescent Head (M4 x 10)
1	327-1450	1	◆ Control, PCB MC	19	856-0002	1	Washer, EIT
2	319-4332-03	1	Plate, Control Box	20	305-1006	1	◆ Regulator, Voltage MC (12V)
3	526-2050	6	Washer, Flat (M4)	21	363-0205	1	Pad, Heatsink
4	800-3042	6	Screw, Hex Head Machine (M4 x 10)	22	305-0995	1	Heatsink
5	526-2081	1	Lead, Circuit Breaker	23	338-4585	1	◆ Harness, Genset (Includes Brush Block and Cover) MC
6	320-1666-01	1	◆ Breaker, Circuit (20A, 2 Pole) (Uses 1/4-28 Nuts for Leads) MC	24	508-1105-01	1	Grommet, Remote
7	815-0550-01	4	Screw, Cross Recessed ET (#6-32 x .375")	25	277-1444-01	1	◆ PCB (NIM) MC J1939
8	308-1101	1	◆ Switch, Rocker (SPDT) (12V) MC		277-1444-02	1	Smartcraft*
9	320-2315	1	◆ Breaker, Circuit MC	26	319-5748-03	1	Cover, (NIM)
10	302-2048	1	◆ Hourmeter MC	27	338-4491	1	Harness, Accessory
11	821-6006-01	4	Screw, Hex Head Sems (M6 x 1 x 16mm)	28	821-6001-01	4	Screw, Hex Head Sems (M5 x .8 x 10mm)
12	307-2767	1	◆ Relay, SPDT (12V) MC				
13	323-1563	AR	Socket, Relay (K3) (Part of Control Harness Listed on Separate Page)				
14	508-1105	1	Grommet (Part of Control Harness Listed on Separate Page)				
15	517-0136	1	Plug, Hole				
16	526-2081	3	Washer, Flat				

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*SmartCraft is a trademark of the Brunswick Corporation.

Control Harness

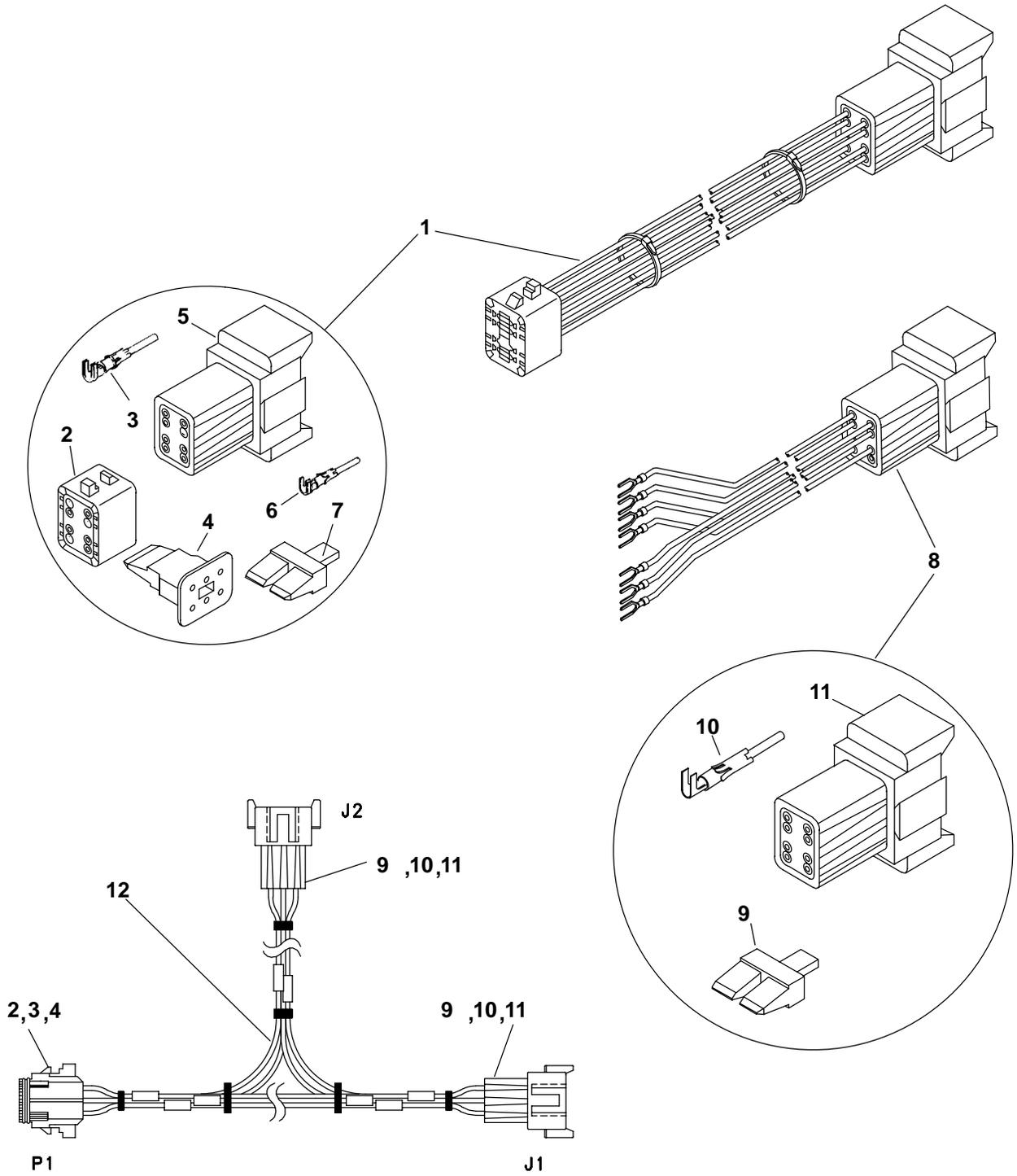


Control Harness

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	338-4625	1	◆ Harness, Control (Includes Cover Brush Block) MC	11	-	1	Grommet (See Control Page for Part Number)
1	323-1582-06	1	Plug, Black (12 Pin) (P1)	12	323-1992	1	Terminal, Receptacle (J5)
2	323-1582-07	1	Plug, Gray (12 Pin) (P2)	13	323-1505	1	Connector, Receptacle (J5)
3	323-1582-05	1	Plug, Green (12 Pin) (P3)				
4	323-1583	3	Wedge, Plug (12 Pin) (P1, P2, P3)				
5	323-1504	2	Connector, Plug (2 Pin) (P6, P7)				
6	323-1500	2	Wedge (P6, P7)				
7	308-1019	1	Connector, Switch (S4)				
8	-	2	Socket, Relay (K3) (See Control Page for Part Number)				
9	323-1542	1	Connector, Receptacle (8 Pin) (J4)				
10	323-1544	1	Wedge, Receptacle (J4)				

⚠WARNING ◆ **MC** - Are **MARINE CRITICAL** and must comply with boating safety ignition protection, backfire, fire resistance, exhaust system integrity, or other requirements established by regulatory agencies, such as US Coast Guard, ABYO, and ISO. When **MARINE CRITICAL** parts are replaced for any reason, use Onan parts that are identified with the part numbers in this book.

Extension, Junction and Pigtail Harnesses

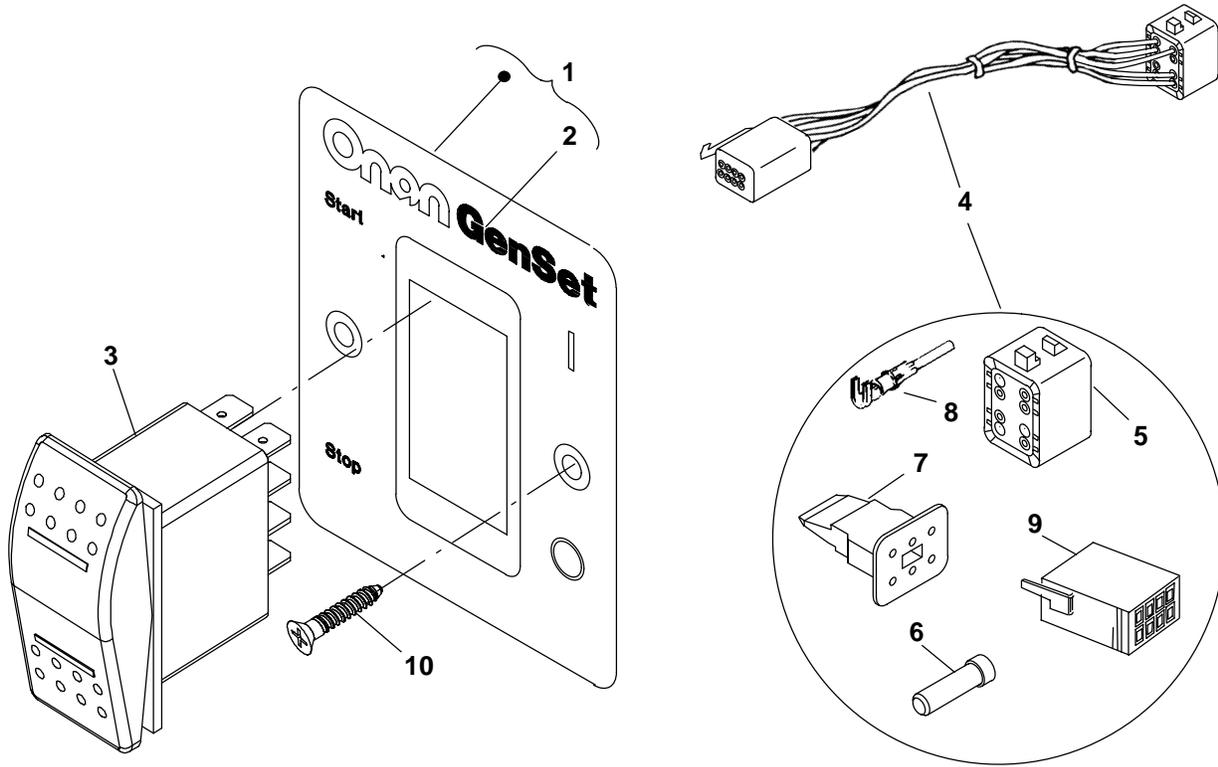


Extension, Junction and Pigtail Harnesses

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Harness, Extension (Reaches From Control Harness to Remote Panel Harness or Customer Interface Pigtail Harness) (Includes Parts Marked #)	8	338-4017	1	Harness, Pigtail (Customer Interface) (8") (Reaches from Customer Extension Harness to Remote Panel Harness) (Includes Parts Marked +)
	338-3167	1	15 feet (4.5 meters)	9	323-1544	1	°+Wedge, Lock Receptacle (8 Pin)
	338-3168	1	25 feet (7.6 meters)	10	323-1491	AR	°+Terminal, Pin
	338-3169-00	1	45 feet (13.7 meters)	11	323-1542	1	°+Housing, Receptacle (8 Pin)
	338-3169-01	1	75 feet (22.8 meters)	12	338-4016	1	Harness, "Y" Junction (8" x 4") (Reaches from Extension Harness to two Remote Panel Harnesses) (Includes Parts Marked °)
	338-3169-02	1	100 feet (30.4 meters)				
	338-3169-03	1	150 feet (45.6 meters)				
2	323-1541	1	°#Plug (8 Pin)				
3	323-1492	8	°#Terminal, Socket				
4	323-1543	1	°#Wedge, Plug (8 Pin)				
5	323-1542	1	#Receptacle (8 Pin)				
6	323-1491	8	#Terminal, Pin				
7	323-1544	1	#Wedge, Receptacle (8 Pin)				

– Parts Included in Extension Harness.
+ – Parts Included in Pigtail (Customer Interface) Harness.
° – Parts Included in Junction Harness.

Remote Control Panel (w/Switch)

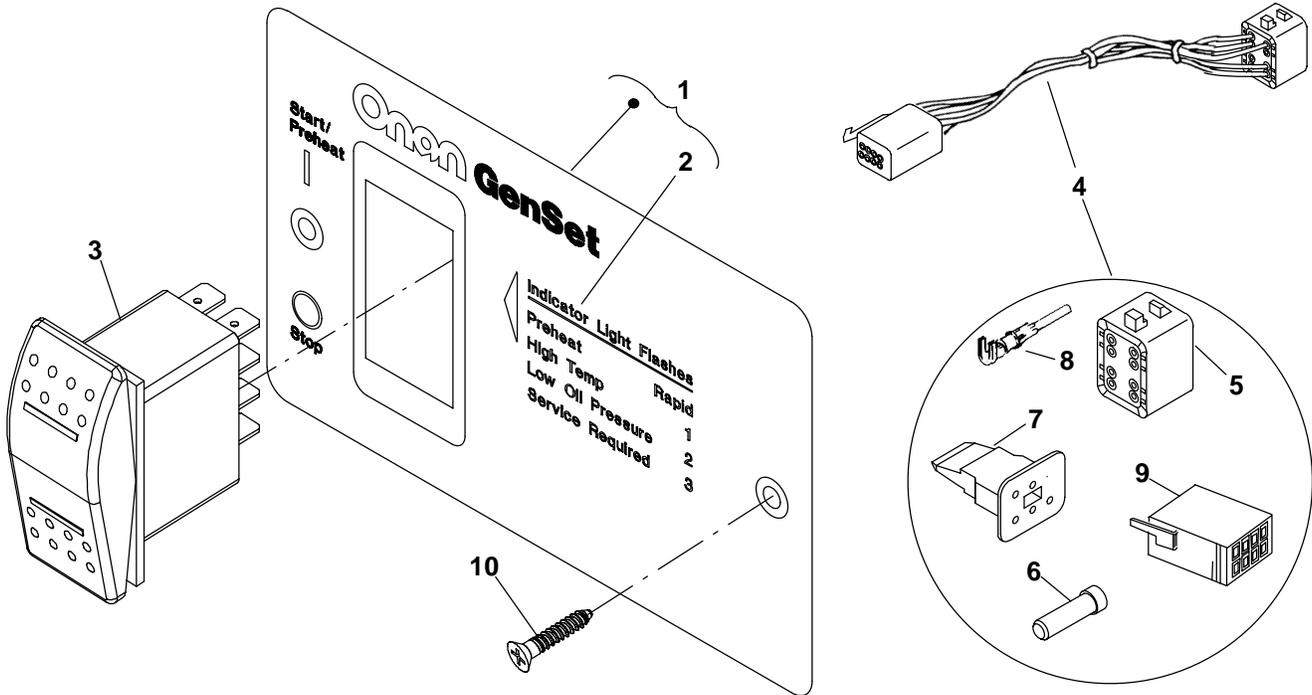


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	300-5899-01	1	◆ Kit, Remote Panel MC
1	319-2339-01	1	Panel, Remote (Includes Label)
2	98-8081	1	Label, Panel (Start/Preheat)
3	308-1101	1	◆ Switch, Rocker MC
4	338-3988	1	◆ Harness, Remote Panel MC (Reaches From Extension Harness to Remote Panel) (Includes Plugs, Wedge and Pin)
5	323-1541	1	Plug (8 Pin) (J4)
6	323-1591	3	Plug, Connector
7	323-1543	1	Wedge, Plug (8 Pin)
8	323-1492	5	Pin, Contact

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
9	308-1019	1	Connector, Switch
10	815-0910	2	Screw, Wood (#6 x 1)

⚠ WARNING ◆ **MC** – Are **MARINE CRITICAL** and must comply with boating safety ignition protection, backfire, fire resistance, exhaust system integrity, or other requirements established by regulatory agencies, such as US Coast Guard, ABYU, and ISO. When **MARINE CRITICAL** parts are replaced for any reason, use Onan parts that are identified with the part numbers in this book.

Remote Control Panel (w/Switch)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	300-5725-01	1	◆ Kit, Remote Panel MC
1	319-4996	1	Panel, Remote (Includes Label)
2	98-8081	1	Label, Panel (Start/Preheat)
3	308-1101	1	◆ Switch, Rocker MC
4	338-3988	1	◆ Harness, Remote Panel MC (Reaches From Extension Harness to Remote Panel) (Includes Plugs, Wedge and Pin)
5	323-1541	1	Plug (8 Pin) (J4)
6	323-1591	3	Plug, Connector
7	323-1543	1	Wedge, Plug (8 Pin)
8	323-1492	5	Pin, Contact

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
9	308-1019	1	Connector, Switch
10	815-0910	2	Screw, Wood (#6 x 1)

⚠ WARNING ◆ **MC** – Are **MARINE CRITICAL** and must comply with boating safety ignition protection, backfire, fire resistance, exhaust system integrity, or other requirements established by regulatory agencies, such as US Coast Guard, ABYU, and ISO. When **MARINE CRITICAL** parts are replaced for any reason, use Onan parts that are identified with the part numbers in this book.

Kits/Labels

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
100-3478-08		1	Kit, Cruise (Includes Parts Marked *)	185-5335		1	+Gasket, Inlet Manifold
149-2106		2	*Filter, Fuel/Water Separator	420-0577		1	+Wrench, Oil Filter
185-7444		2	*Filter, Oil	185-5348		1	+Seal, Valve Stem
132-0415		2	*Kit, Sea Water Pump Small Service (Includes Impeller and O'Ring Listed on Sea Water Pump Page)	541-0941-01		1	Kit, Remote Switch Harness
511-0197		1	*Belt, "V"	185-5528		1	+Gasket, Head Cover
417-0223		1	*Box, Cruise Kit	185-6248		1	+O'Ring
149-2073		1	Kit, Fuel Filter	185-7426		1	+O'Ring
184-0051		1	Kit, Gasket (Includes Parts Marked +)	184-0019		1	+O'Ring
184-0025		1	+Gasket, Cylinder Head	184-0017		1	+O'Ring
185-7382		1	+Gasket, Gearcase	185-2410		1	+Gasket, Oil Gauge
185-5438		1	+Gasket Bearing Case	98-8086		1	Label, Warning
185-7383		1	+Gasket	98-7871		1	Label, Warning
185-6853		1	+Gasket, Muffler	98-8372		1	Label, Warning (Service)
185-6851		1	+Gasket	98-4798-01		1	Label, Warning
185-5413		1	+Gasket, Oil Pump	98-8371		1	Label, Information (DC)
185-6580		1	+Gasket, Fuel Pump	98-8374		1	Label, Information
185-7080		1	+Gasket Control Plate	98-7870		1	Label, Information (Reconnection)
185-5720		1	+Gasket Water Flange	98-8373		1	Label, Information (Connection)
184-0036		1	+Gasket, Water Pump	98-8087		1	Label, (No Step)
185-2268		2	+Gasket, Thermostat	98-6995		1	Label, Warning
184-0037		1	+Gasket	98-7850		1	Label, Onan e-QD
185-5513		1	+Gasket, H/M Gearcase	98-7472		1	Label, Warning (Fire)
185-2095		1	+O'Ring	98-8187		1	Label, Information
184-0015		3	+O'Ring				
185-5410		1	+Seal, Oil (Front)				
185-5437		1	+Seal, Oil				

* - Parts Included in Cruise Kit.
+ - Parts Included in Gasket Kit.
- Parts Included in Label Kit.

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