



# Parts Manual

Cummins **Onan**

Performance you rely on.™



## Marine Gasoline Generator Set

MGKBC (A-B)

MGKBD (A-B)

## 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 catalog applies to the standard marine generator sets listed below. Parts are arranged in groups of related items and each illustrated part is identified by a reference number corresponding to the same reference number in the parts list. Parts illustrations are typical. Unless otherwise mentioned in the description or page heading, parts are interchangeable between models. Throughout this catalog left and right sides are determined by facing the engine end (front) of the set.

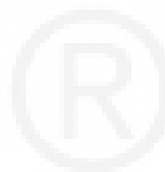
<u>MODEL</u>	<u>HERTZ</u>
--------------	--------------

MGKBC	50/60Hz
MGKBD	50Hz

\* – The diagonal line (/) 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 the standard model. The specification letter advances (A to B, B to C, etc.) with major manufacturing changes.

### WIRING DIAGRAM

630–2528



## Index

Accessory, Harness (NIM), **55**  
Actuator, Governor, **25**  
Actuator, Rotary, **25**  
Adapter, Carburetor, **28**  
Adapter, Engine, **15**  
Adapter, Intake Resonator, **28**  
Arm, Rocker, **21**  
Arrester, Flame, **28**  
Assembly, Pump, **27**  
Assy Distributor, Air, **18**  
Assy PCB, Control, **55**  
Assy Shaft, Distributor, **11**  
Assy, Cord Plug, **17**  
Assy, Cord Plug , **17**  
Assy, Cylinder Head, **20**  
Assy, Fuel Pump, **27**  
Assy, Fuel Pump Bracket, **26**  
Assy, Rocker Arm, **21**  
Assy, Thermostat, **30**  
  
Ball, Crankshaft, **7**  
Base, Mounting, **44**  
Bearing, Connecting Rod, **8**  
Bearing, Crankshaft, **7**  
Bearing, Fuel Camshaft, **11**  
Bearing, Pump, **33**  
Bearing, Water Pump, **31**  
Belt Guard, **45**  
Belt, Drive, **32**  
Belt, Generator Drive, **15**  
Block, Brush, **53**  
Block, Cylinder, **6**  
Board, LCD Printed Circuit, **65**  
Body, Water Pump, **33**  
Boot, Rocker, **55**  
Box, AC Connection, **51**  
Box, Control, **51**  
Box, Remote Control, **65**  
Bracket, Engine, **15**  
Bracket, Fan Guard, **45**  
Bracket, Fuel Pump, **27**  
Bracket, Generator, **53**  
Bracket, Ignition Coil, **19**  
Bracket, Mounting Base Engine, **44**  
Bracket, Rocker Arm, **21**  
  
Bracket, Water Pump, **45**  
Break, Siphon, **37**  
Breaker, Control Box Circuit, **51**  
Breaker, Control Harness Circuit, **59**  
Brush Assy, Block, **53**  
Brush, Generator, **53**  
Bushing, Connecting Rod, **8**  
Bushing, Governor, **25**  
Bushing, Idle Gear, **9**  
  
Camshaft, **9**  
Cap, Coolant Tank , **34**  
Cap, Cylinder Block Sealing, **6**  
Cap, Cylinder Head Sealing, **20**  
Cap, Radiator, **43**  
Cap, Spark Plug, **17**  
Cap, Valve, **21**  
Carburetor, **24**  
Cartridge, Oil Filter, **23**  
Case, Main Bearing, **10**  
Circlip, Idle Gear, **9**  
Circlip, Piston Pin, **8**  
Circuit, Breaker , **55**  
Clamp, Coolant System Hose, **36**  
Clamp, Exhaust Hose, **43**  
Clamp, Hose, **43**  
Clamp, Muffler Hose, **46**  
Clamp, Resonator Hose, **47**  
Coil, Ignition, **19**  
Collar, Crankshaft, **7**  
Collar, Idle Gear, **9**  
Collet, Valve Spring, **21**  
Components, Coolant Water Pump, **31**  
Components, Distributor, **18**  
Control, **55**  
Control, LCD, **65**  
Cord, Center, **17**  
Coupling, **15**  
Coupling, Union BHT, **27**  
Cover, Access, **49**  
Cover, Access Brush Block, **51**  
Cover, Access Control, **51**  
Cover, Bearing Case, **10**  
Cover, Breather, **22**  
Cover, Brush Block, **53**  
Cover, Carburetor, **26**

## Index

Cover, Carburetor (Top), **26**  
Cover, Control Box, **51**  
Cover, Control Box Enclosure, **51**  
Cover, Cylinder Head, **22**  
Cover, Enclosure, **49**  
Cover, Governor, **11**  
Cover, PCB (NIM), **55**  
Cover, Tamper, **17**  
Cover, Thermostat, **30**  
Crankshaft, **7**  
  
Distributor, **17**  
Distributor, Plugs, **17**  
Door, Access, **49**  
Drive, Generator , **15**  
Duct, Generator Intake, **15**  
  
Element, Breather, **22**  
Enclosure, **49**  
Endbell, Generator, **53**  
Engine Assy, Replacement, **6**  
Exchange, Heat, **36**  
  
Fan, Generator, **53**  
Filter, Fuel, **24 , 26**  
Filter, Oil, **41**  
Flange, Component Water Pump, **31**  
Flywheel, Assy, **15**  
  
Gasket, **11 , 41**  
Gasket, Bearing Case, **10**  
Gasket, Bearing Case Cover, **10**  
Gasket, Breather, **22**  
Gasket, Carburetor, **24**  
Gasket, Control Intake Resonator, **55**  
Gasket, Control Plate, **12**  
Gasket, Cylinder Head, **20**  
Gasket, Exhaust, **43**  
Gasket, Exhaust Manifold, **43**  
Gasket, Fuel Pump, **9**  
Gasket, Gearcase, **23**  
Gasket, Governor, **11**  
Gasket, Head Cover, **22**  
Gasket, Heat Exchanger, **36**  
Gasket, Intake Carburetor, **28**

Gasket, Intake Manifold, **29**  
Gasket, Intake Resonator, **28**  
Gasket, Oil Pump, **39**  
Gasket, Thermostat, **30**  
Gasket, Water Pump, **31**  
Gear, Cam, **9**  
Gear, Crankshaft, **7**  
Gear, Helical, **11**  
Gear, Idle, **9**  
Gear, Oil Pump Drive, **39**  
Gearcase, **23**  
Governor, Distributor Drive, **11**  
Governor, Fork Lever, **13**  
Guard, Belt, **45**  
Guard, Circuit Breaker, **51**  
Guard, Control Box Belt, **51**  
Guide, Valve, **20**  
  
Hanger, Coolant Tank, **34**  
Harness, Battery, **57**  
Harness, Battery , **57**  
Harness, Control, **59**  
Harness, Control , **59**  
Harness, Deluxe Remote Panel, **64**  
Harness, Junction, **61**  
Harness, Pigtail (12"), **61**  
Harness, Remote Control Panel, **62**  
Harness, Remote Extension, **61**  
Harness, Remote Panel, **63**  
Harness, Remote Panel (Terminator), **55**  
Harnesses, Wiring, **60**  
Harrness, Remote Panel, **65**  
Head, Cylinder, **20**  
Heat Exchanger, **36**  
Heatsink, **55**  
Hose, Coolant System, **36**  
Hose, Coolant Tank, **34**  
Hose, Exhaust, **43**  
Hose, Fuel, **26**  
Hose, Inlet, **28**  
Hourmeter, **55**  
Hourmeter, Remote Control Panel, **63**  
Hub, Drive, **15**  
  
Igniter, **18**

## Index

Impeller, Captive Water Pump, **31**  
Indicator, Oil Level, **38**  
Insulation, Control Box Enclosure, **51**  
Insulation, Door, **49**  
Insulation, Enclosure, **49**  
Insulation, Housing, **51**  
Insulation, Roof, **49**  
Intake, Air, **28**  
Intake, Manifold, **29**  
Isolator, Vibration (Blue), **44**  
Isolator, Vibration (Green), **44**

Key, Camshaft Feather, **9**  
Key, Crankshaft, **7**  
Kit, Battery Charger, **67**  
Kit, Battery Terminal Boot, **67**  
Kit, Carburetor, **24**  
Kit, Control Display, **65**  
Kit, Coolant Recovery, **34**  
Kit, Cruise, **67**  
Kit, Housing, **18**  
Kit, Muffler, **47**  
Kit, Muffler, Fuel/Water Separator, **46**  
Kit, Muffler, Marine, **46**  
Kit, Oil Fill, **38**  
Kit, Panel , Remote, **63**  
Kit, Remote Control Panel, **62**  
Kit, Remote Panel, **64**  
Kit, Resonator, **47**  
Kit, Siphon Break, **37**  
Kit, Water Pump, **33**  
Kit, Water Pump Service, **32**  
Kit, Water Separator, **46**  
Kits, **67**

Labels, **67**  
Latch, Door, **49**  
Lever Assy, Fork, **13**  
Lever, Fork, **13**  
Lever, Speed Control, **12**  
Line, Fuel, **27**

Manifold, Exhaust, **43**  
Manifold, Fuel, **27**  
Manifold, Intake, **29**

Manifold, Mixer, **43**  
Meter, Volt (M4), **64**  
Muffler, **47**  
Muffler, Marine, **46**

Nipple, Hex Pipe, **38**  
Nut (M8), **16**  
Nut, Hex (#8–32), **43**  
Nut, Hex Flange, **43**  
  
O'Ring, Gearcase, **23**  
O'Ring, Generator, **53**  
O'Ring, Generator Drive, **15**  
O'Ring, Oil Pickup Tube, **41**  
O'Ring, Oil Pump Drive Gear, **7**  
Oil Pump, **39**  
Oil System, **38**

Pad, Heatsink, **55**  
Pan, Oil, **41**  
Panel, Deluxe Remote Printed, **64**  
Panel, Remote Control, **62 , 64**  
Panel, Remote Control (Switch Only), **62**  
Panel, Remote Control (W/Hourmeter), **63**  
Panel, Remote Printed, **63**  
Panel, Remote Switch and Display, **65**  
Panel, Roof, **49**  
Pin, Cylinder Block Pipe, **6**  
Pin, Cylinder Block Straight, **6**  
Pin, Piston, **8**  
Pipe, Component Water Return, **31**  
Pipe, Water Return, **30**  
Piston, **8**  
Plate, Breather, **22**  
Plate, Regulator, **55**  
Plate, Speed Control, **12**  
Plug, Cylinder Block, **6**  
Plug, Oil Filler, **22**  
Pulley, **35**  
Pulley, Assy, **15**  
Pulley, Fan, **35**  
Pulley, Fan Drive, **35**  
Pulley, Generator, **15**  
Pump Assy, Water, **32**  
Pump, Fuel, **27**  
Pump, Oil, **39**

## Index

Regulator, Battery Charger, **55**  
Relay SPDT, **55**  
Resonator, **47**  
Resonator (2"), **47**  
Resonator, Air Inlet, **55**  
Resonator, Air Intake, **28**  
Retainer, Spring, **21**  
Ring, Retaining (External), **33**  
Ring, Retaining (Internal), **33**  
Rod, Camshaft Push, **9**  
Rod, Connecting, **8**  
Rod, Throttle, **25**  
Rotor, Generator, **53**  
  
Screw, Hex Head, **43**  
Seal, Bearing Case Oil, **10**  
Seal, Enclosure, **44**  
Seal, Valve Stem, **21**  
Seal, Water Pump Mechanical, **31**  
Seat, Pressure Valve, **23**  
Sender, Oil Pressure, **38**  
Sender, Temperature, **25**  
Separator, Water, **46**  
Set, Piston Ring, **8**  
Shaft, Distributor, **11**  
Shaft, Idle Gear, **9**  
Shaft, Rocker Arm, **21**  
Sleeve, Governor, **11**  
Solenoid, Fuel Cutoff, **26**  
Spark Plug, **17**  
Spring, Generator Brush, **53**  
Spring, Governor Lever, **12**  
Spring, Rocker Arm, **21**  
Spring, Tension, **25**  
Spring, Valve, **21**  
Standoff, Insulator, **51**

Starter, **16**  
Stator, **53**  
Stopper, Camshaft, **9**  
Stopper, Fuel Camshaft, **11**  
Strainer, Slotted, **47**  
Strainer, Water Pickup, **46**  
Strap, Bond, **57**  
Strap, Bond , **51**  
Stud, Exhaust Manifold, **43**  
Support, Governor Lever Shaft, **12**  
Switch, Control Rocker, **55**  
Switch, Deluxe Rocker, **64**  
Switch, Hi Exhaust Temperature, **43**  
Switch, Manual Transfer (On/Off Shore), **66**  
Switch, Pressure, **36**  
Switch, Remote Control Panel Rocker, **62**  
Switch, Rocker (S11), **63**  
System, Fuel, **26**

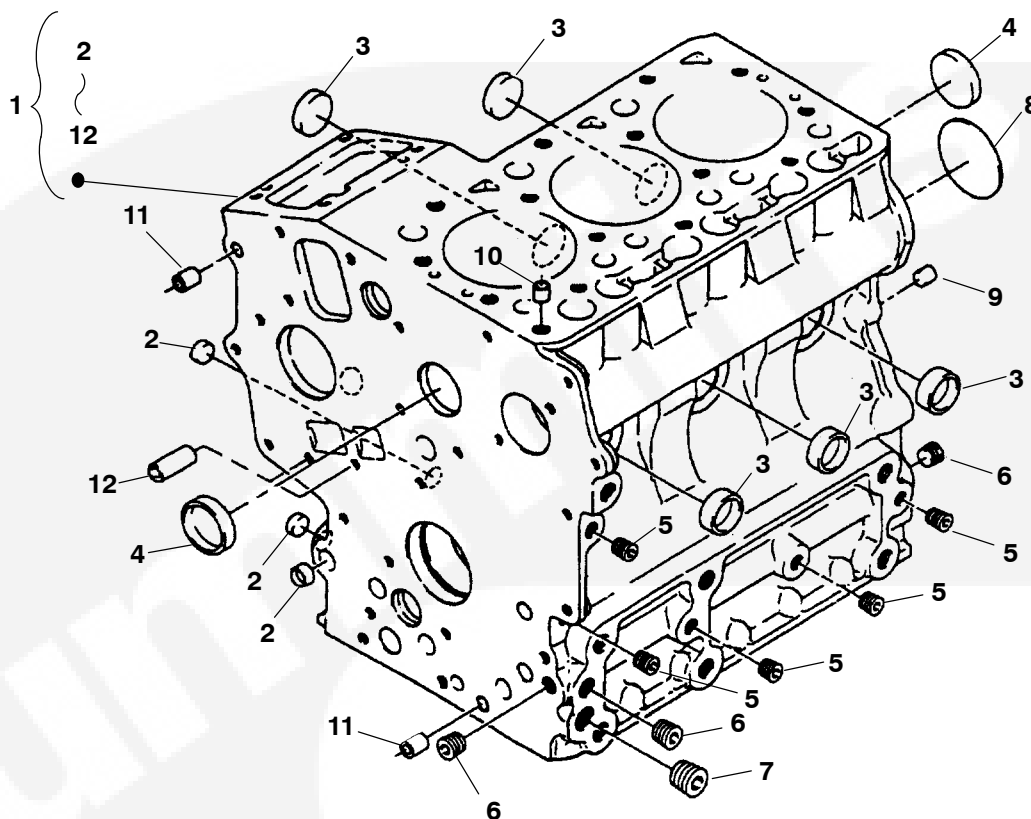
Tank, Coolant Recovery, **34**  
Tappet, Camshaft, **9**  
Tee, Tube, **27**  
Tensioner, Belt, **15**  
Thermostat, Engine, **30**  
Tube, Breather, **22**  
Tube, Exhaust, **43**  
Tube, Resonator, **28**

Valve, **21**  
Valve, Ball, **38**  
Valve, Check, **37**  
Valve, Exhaust, **21**  
Valve, Inlet, **21**

Washer, Flat (M6), **43**  
Water Separator/Muffler, **46**



## Cylinder Block

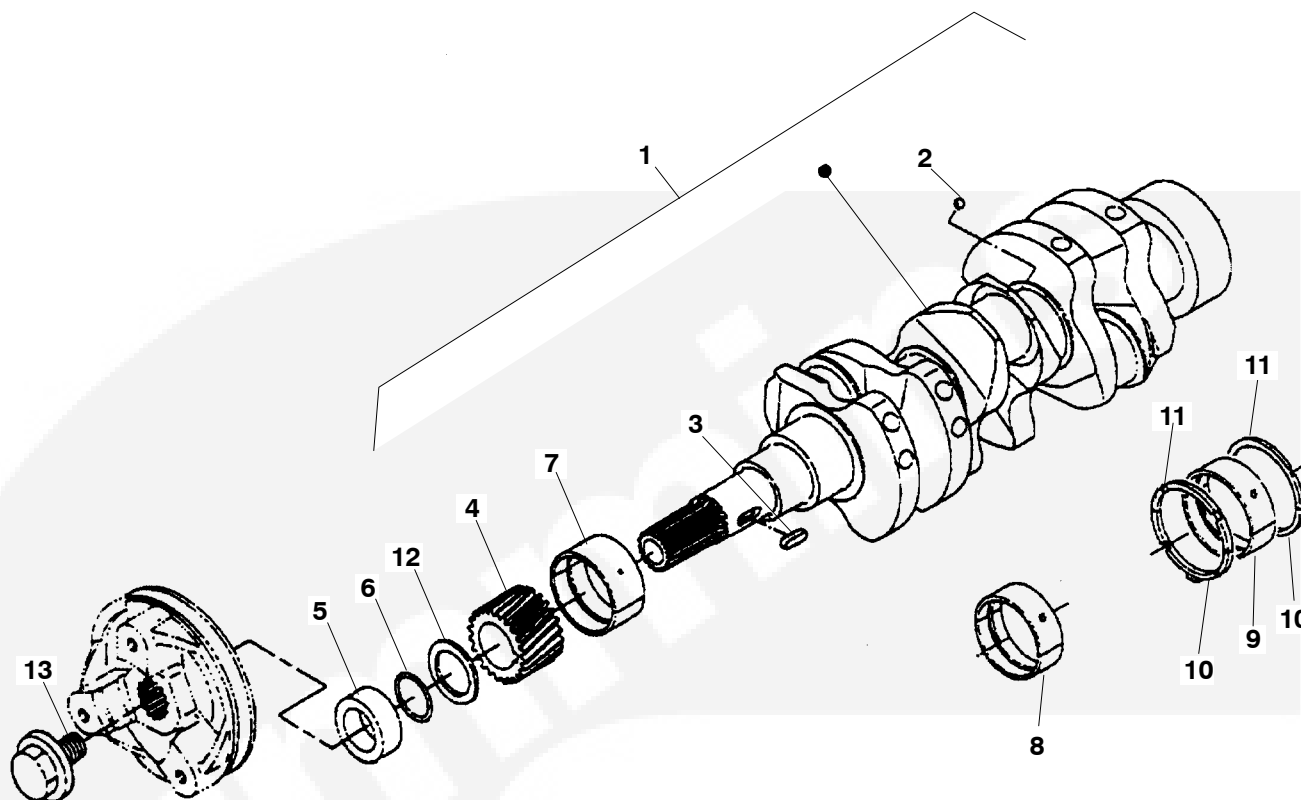


REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	-	1	Engine Assy, Replacement	7	185-2234	1	*Plug
	-	1	12V	8	185-5485	1	*Plug, Expansion
1	110-3943	1	Assy, Crankcase (Included in Assy *)	9	185-5487	2	*Pin, Straight
2	185-5482	3	*Cap, Sealing	10	185-2094	1	*Pin, Pipe
3	185-5484	5	*Cap, Sealing	11	185-2115	2	*Pin, Pipe
4	185-5483	2	*Cap, Sealing	12	185-5488	2	*Pin
5	185-2188	5	*Plug				
6	185-2233	3	*Plug				

\* - Parts Included in Assy.



## Crankshaft

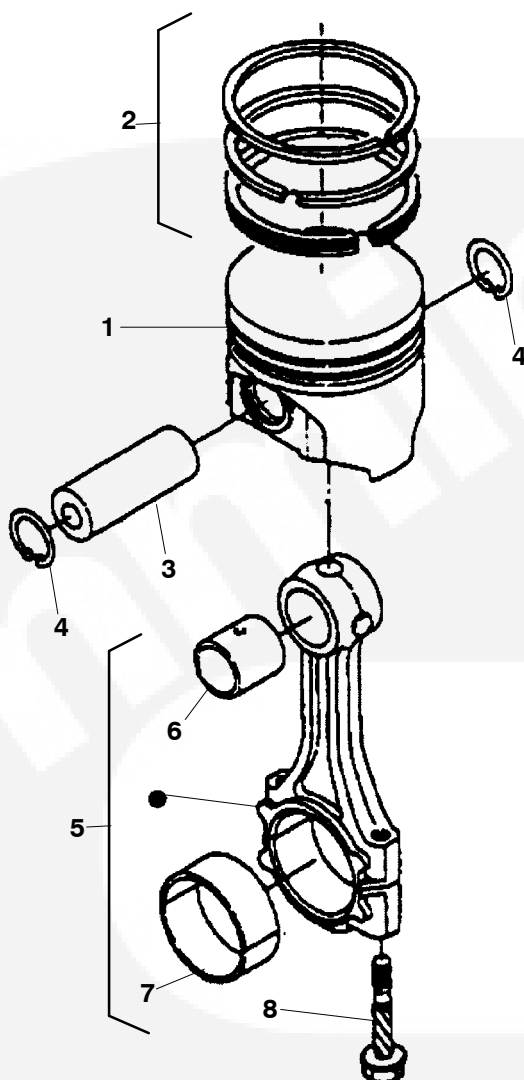


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-7415	1	Crankshaft (Includes Parts Marked *)
2	185-5575	3	*Ball
3	185-2353	1	*Key, Feather
4	185-5576	1	*Gear, Crankshaft
5	185-7407	1	Collar, Crankshaft
6	509-0380	1	O'Ring
7			Bearing, Crankshaft
	185-5577	1	Standard
	185-5578	1	.2mm, Undersize
	185-5579	1	.4mm, Undersize
8			Bearing, Crankshaft
	104-2010	2	Standard
	185-5360	2	.2mm, Undersize
	185-5361	2	.4mm, Undersize
9			Bearing, Crankshaft
	185-2021	1	Standard
	185-2026	1	.2mm, Undersize
	185-5357	1	.4mm, Undersize

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
10			Washer, Thrust
	185-2022	2	Standard
	185-2028	2	.2mm, Oversize
	185-2029	2	.4mm, Oversize
11			Washer, Thrust
	185-2023	2	Standard
	185-2030	2	.2mm, Oversize
	185-2031	2	.4mm, Oversize
12	185-5583	1	Slinger, Oil
13	185-5709	1	Bolt

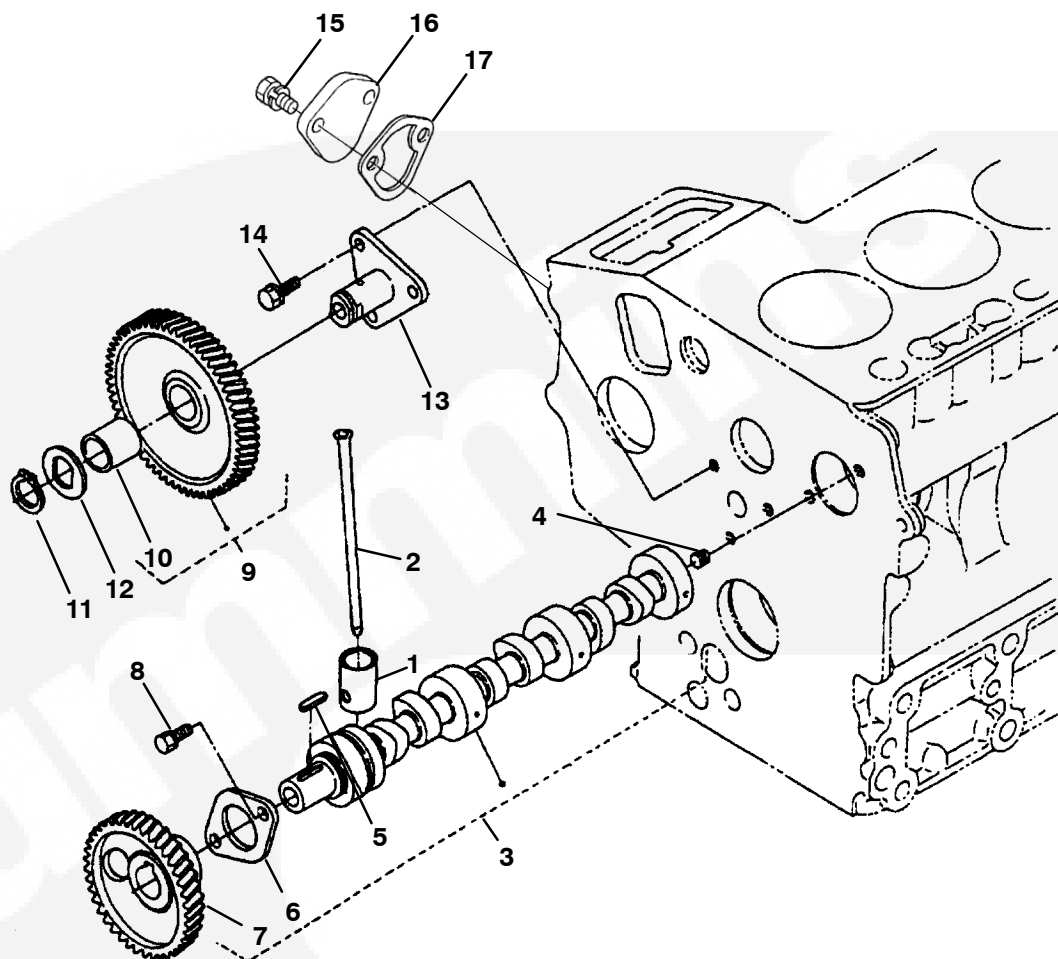
\* - Parts Included in Crankshaft.

## Piston



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Piston	6	114-0409	3	Bushing, Connecting Rod
	112-0296	3	Standard	7			Bearing, Connecting Rod
	112-0297	3	..5mm		114-0411	3	Standard
2			Ring Set, Piston		185-5572	3	.2mm Undersize
	541-0980	3	Standard		185-5573	3	.4mm Undersize
	541-0981	3	..5mm	8	185-5570	6	Bolt, Connecting Rod
3	112-0294	3	Pin, Piston				
4	112-0295	6	Circlip, Piston Pin				
5	114-0410	3	Rod Assy, Connecting (Includes Bolt, Bearing and Bushing)				

## Camshaft

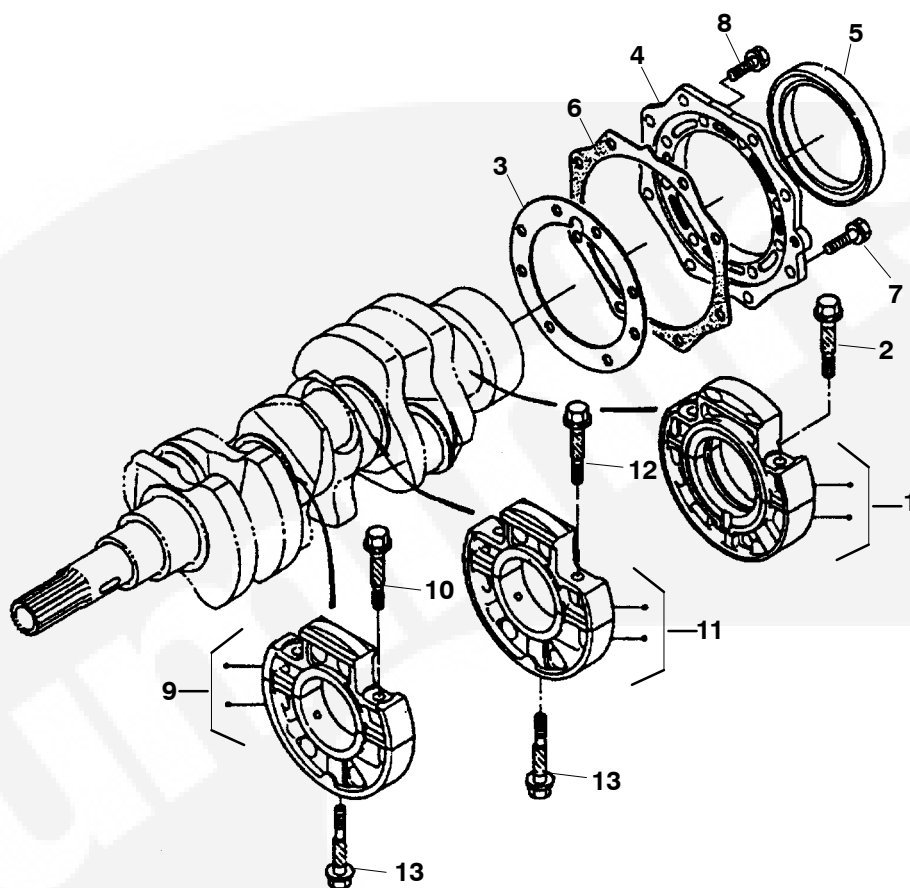


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-5554	6	Tappet
2	185-5555	6	Rod, Push
3	185-5809	1	Camshaft Assy (Includes Parts Marked *)
4	185-5558	1	*Screw, Set
5	185-5560	1	*Key, Feather
6	185-5561	1	*Stopper, Camshaft
7	185-5559	1	*Gear, Cam
8	185-2386	2	*Bolt
9	185-5562	1	Gear Assy, Idle (Includes Bushing)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
10	185-7385	1	Bushing, Idle Gear
11	185-5564	1	Circlip, Idle Gear
12	185-5563	1	Collar, Idle Gear
13	185-5565	1	Shaft, Idle Gear
14	185-2387	3	Bolt
15	185-2388	2	Bolt
16	185-5798	1	Cover
17	185-6919	1	Gasket, Fuel Pump

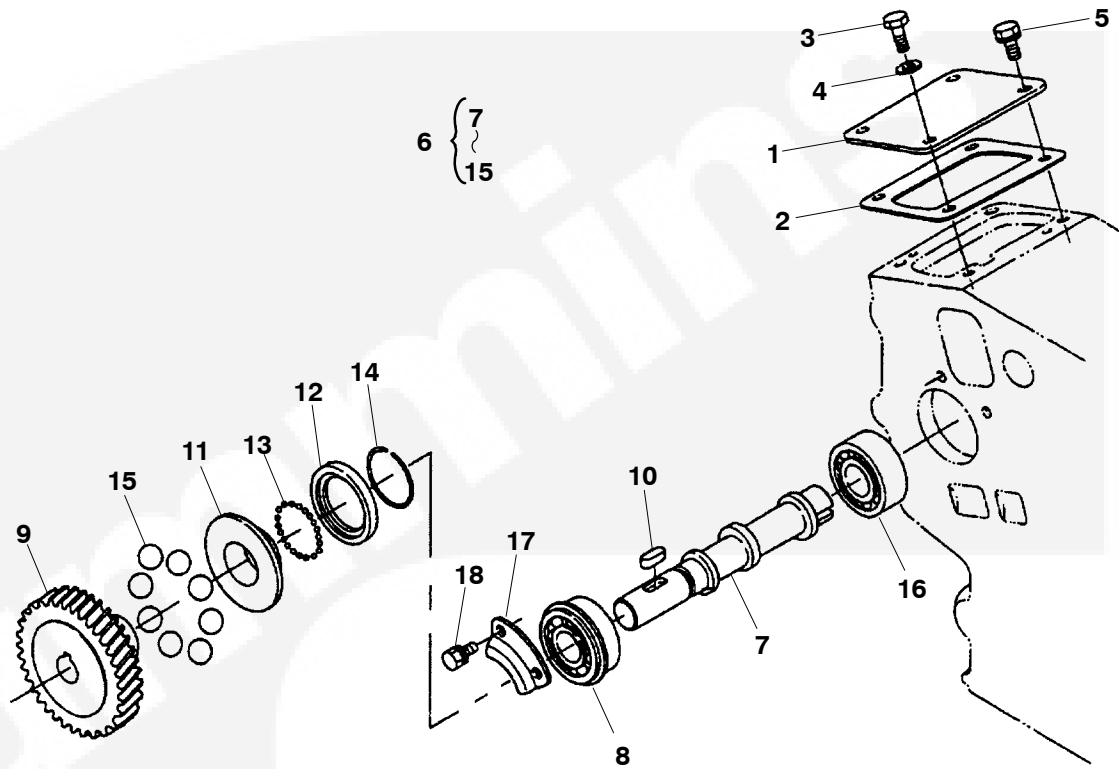
\* - Parts Included in Camshaft Assy.

## Main Bearing Case



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	104-2009	1	Case Assy, Main Bearing	9	185-5517	1	Case Assy, Main Bearing
2	185-5515	18	Bolt, Bearing Case	10	185-5515	13	Bolt, Bearing Case
3	185-5438	1	Gasket, Bearing Case	11	185-5808	1	Case Assy, Main Bearing
4	185-5516	1	Cover, Bearing Case	12	185-5515	13	Bolt, Bearing Case
5	509-0381	1	Seal, Oil	13	185-5519	23	Bolt, Bearing Case
6	185-7383	1	Gasket, Bearing Case Cover				
7	185-2390	8	Bolt				
8	185-2559	9	Bolt				

## Governor, Distributor Drive

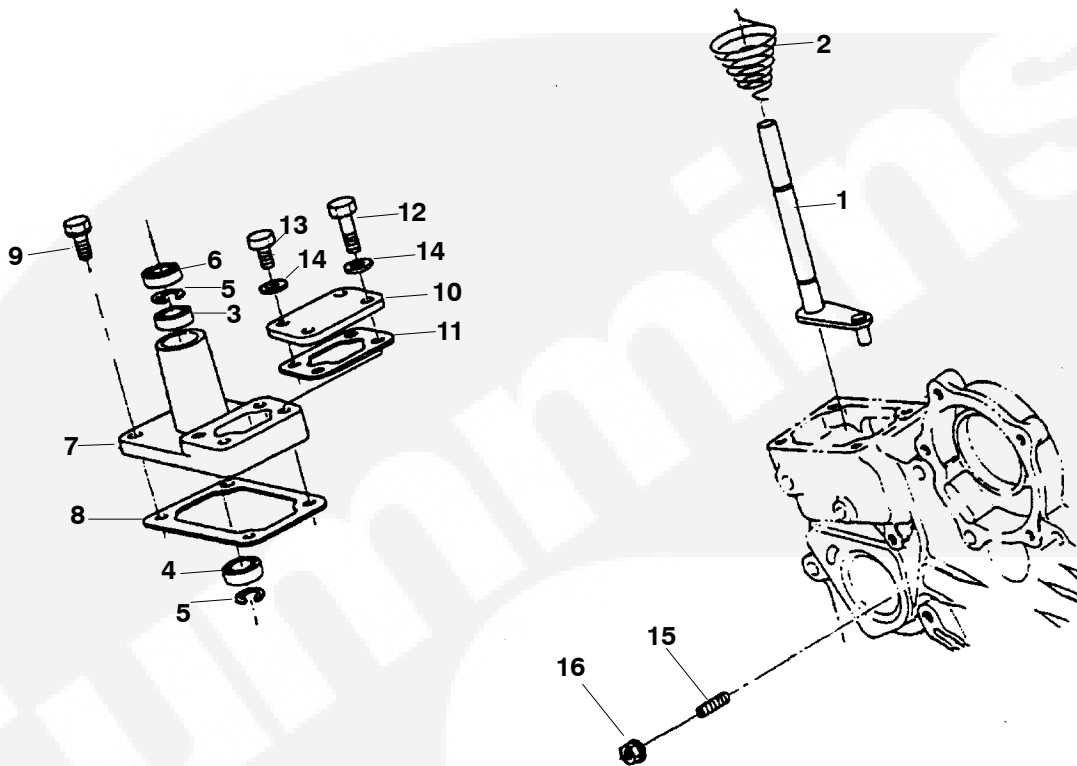


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	150-2812	1	Cover, Governor
2	150-2815	1	Gasket, Governor
3	185-6320	1	Bolt
4	185-2284	1	Gasket
5	185-2387	1	Bolt
6	150-2813	2	Assy Shaft, Distributor
7	150-2814	1	Shaft, Distributor
8	185-5629	1	Bearing, Ball
9	507-0004	1	Gear, Helical
10	185-2353	1	Key, Feather

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
11	185-5631	1	Sleeve, Governor
12	185-5632	1	Case, Governor Ball
13	185-2357	1	Bearing, Ball
14	185-2163	1	Circlip, Governor Sleeve
15	185-5633	1	Ball
16	510-0163	1	Bearing, Ball
17	185-5635	1	Stopper, Fuel Camshaft
18	185-2386	1	Bolt

\* - Parts Included in Governor Shaft Assy.

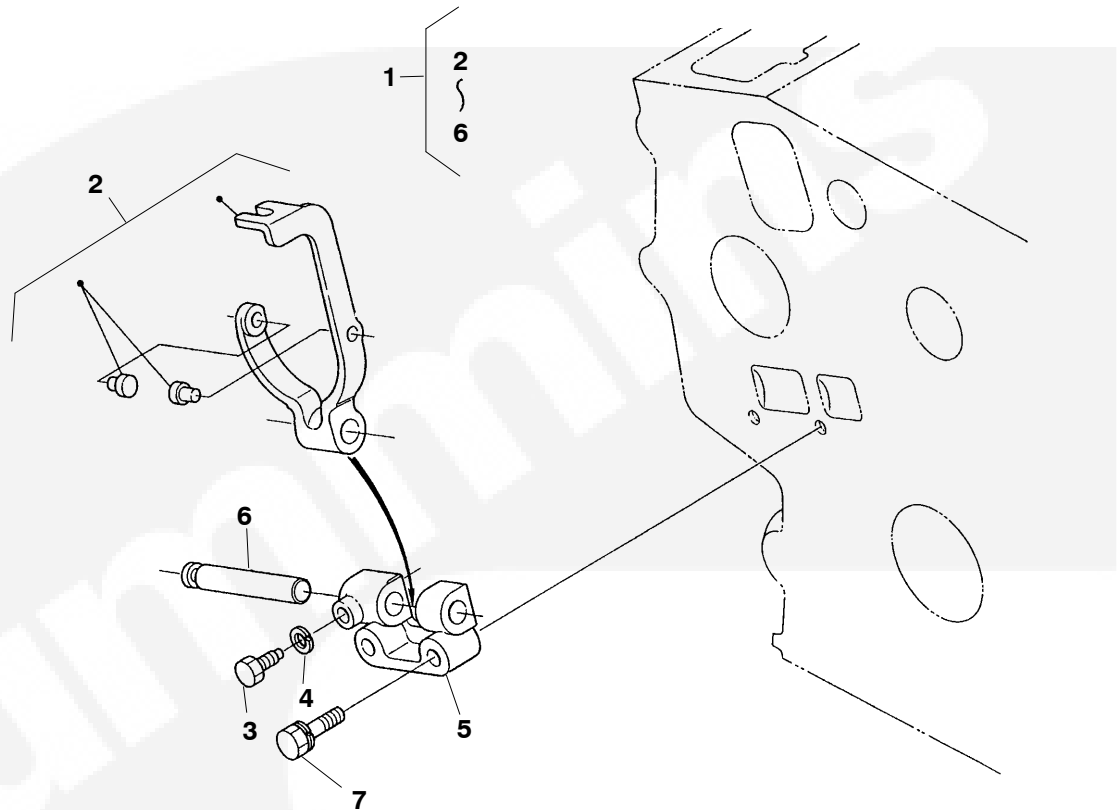
## Speed Control Plate



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	150-2816	1	Lever, Speed Control (Includes Parts Marked *)
2	506-0009	1	*Spring, Governor Lever
3	510-0210	1	*Bearing
4	510-0211	1	*Bearing
5	510-0209	1	*Circlip
6	509-0382	1	*Seal, Oil
7	150-2817	1	*Support, Governor Lever Shaft
8	185-7080	1	*Gasket, Control Plate
9	185-2389	2	*Bolt
10	150-2818	1	*Cover
11	150-2819	1	*Gasket
12	800-6314	1	*Bolt
13	185-6320	1	*Bolt
14	185-2284	4	*Gasket
15	185-5727	1	Stud
16	185-7166	1	Nut, Flange

\* - Parts Included in Control Plate Assy.

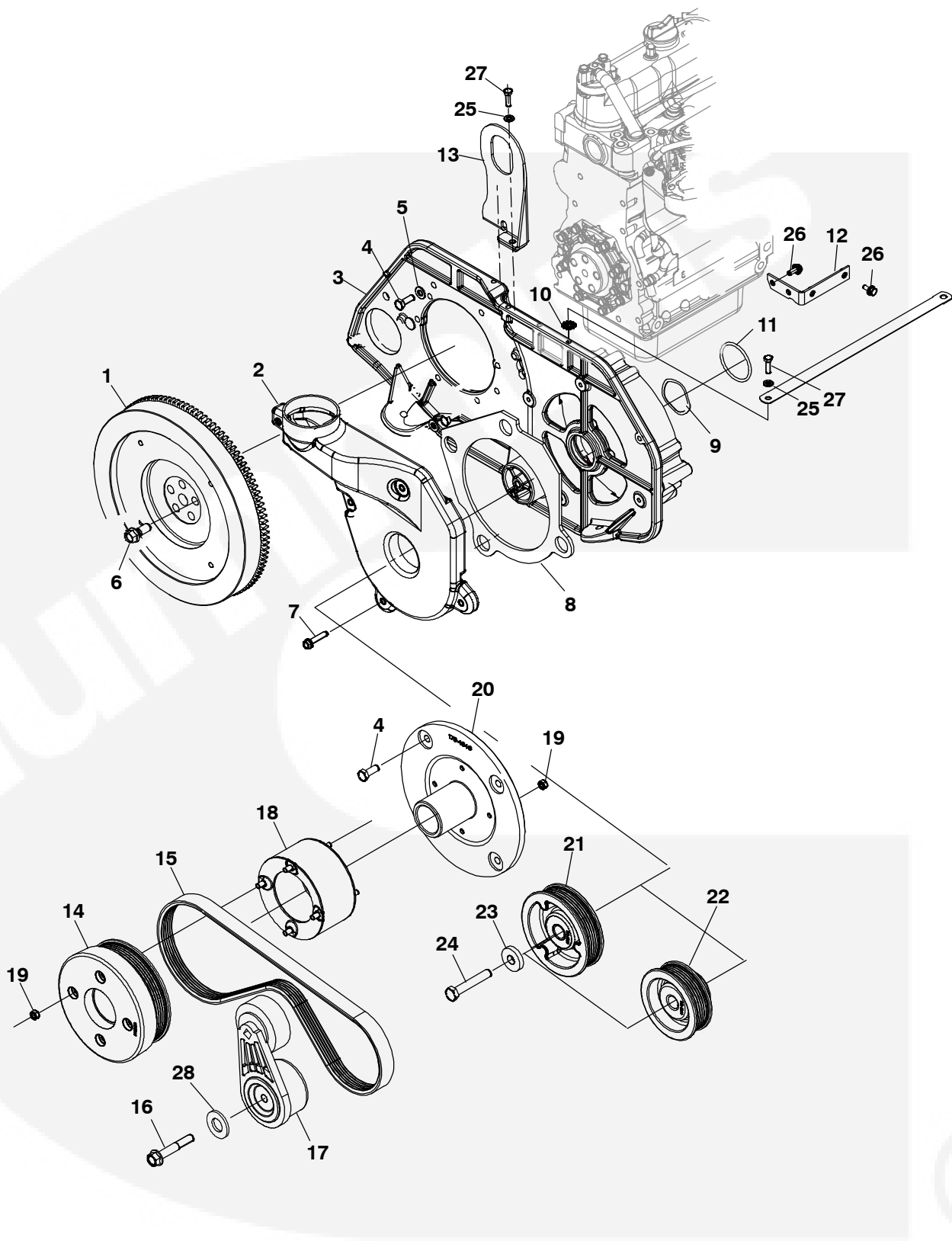
## Governor, Fork Lever



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	150-2821	1	Lever Assy, Fork (Includes Parts Marked *)
2	150-2820	1	*Lever, Fork
3	185-2173	1	*Bolt
4	185-6999	1	*Washer, Spring
5	185-5704	1	*Holder, Fork Lever
6	150-2822	1	*Shaft, Fork Lever
7	185-2393	2	*Bolt

\* - Parts Included in Fork Lever Assy

Generator Drive



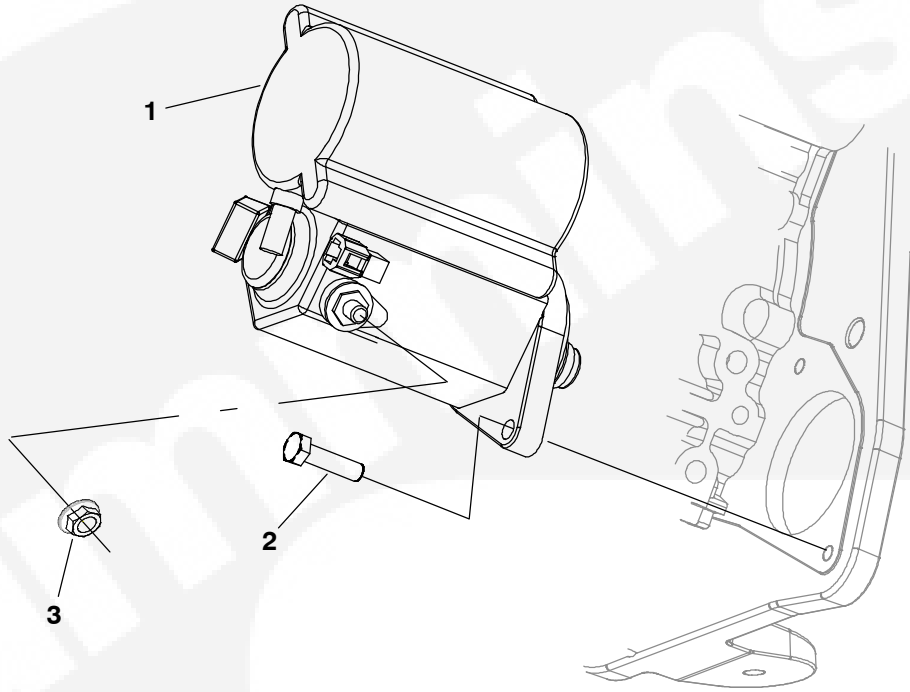


## Generator Drive

REF NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	104-1967-03	1	Flywheel, Assy (Includes Gear, Flywheel Ring and Flywheel)	18	512-0257	1	Coupling
2	405-7388	1	Duct, Generator Intake	19	870-2065-02	8	Nut, Hex (M6 x 1)
3	101-0826-01	1	Adapter, Engine	20	232-4111	1	Hub, Drive
4	800-2057	12	Screw, Hex Head (M8 x 1.25 x 20mm)	21	512-0205-01	1	Pulley, Generator (MGDBC)
5	526-2100	8	Washer, Flat (M8)	22	512-0204-01	1	Pulley, Generator (MGDBD)
6	185-5587	5	Bolt, Flywheel	23	526-0017	1	Washer, Flat
7	815-0941-04	4	Screw, Hex Washer Head Thread Form (M6 x1 x 30mm)	24	800-2093	1	Screw, Hex Head Cap (M10 x 1.5 x 60mm)
8	405-7389	1	Seal, Air Inlet	25	526-2080	3	Washer, Flat (M6)
9	851-0045	1	Washer, Wave	26	815-0753	3	Screw, Hex Head Cap Thread Form (M6 x 14mm)
10	856-0006	1	Washer, ETIT Locking (1/4")	27	800-2034	3	Screw, Hex Head Cap (M6 x 20mm)
11	509-0420	1	O'Ring	28	536-2120	1	Washer-Flat (M10)
12	405-4904-02	1	Bracket, Engine (Distributor Shield)				
13	403-4773-02	1	Bracket, Engine Lifting				
14	512-0248	1	Pulley, Assy (Includes Bearing Sleeve and Pulley)				
15			◆ Belt, Drive <b>MC</b>				
	511-0196	1	MGDBC				
	511-0202	1	MGDBD				
16	815-0657	1	Screw, Hex Washer Head Thread Form (3/8-16 x 2.75")				
17	190-0757	1	Tensioner, Belt				

**⚠ 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.

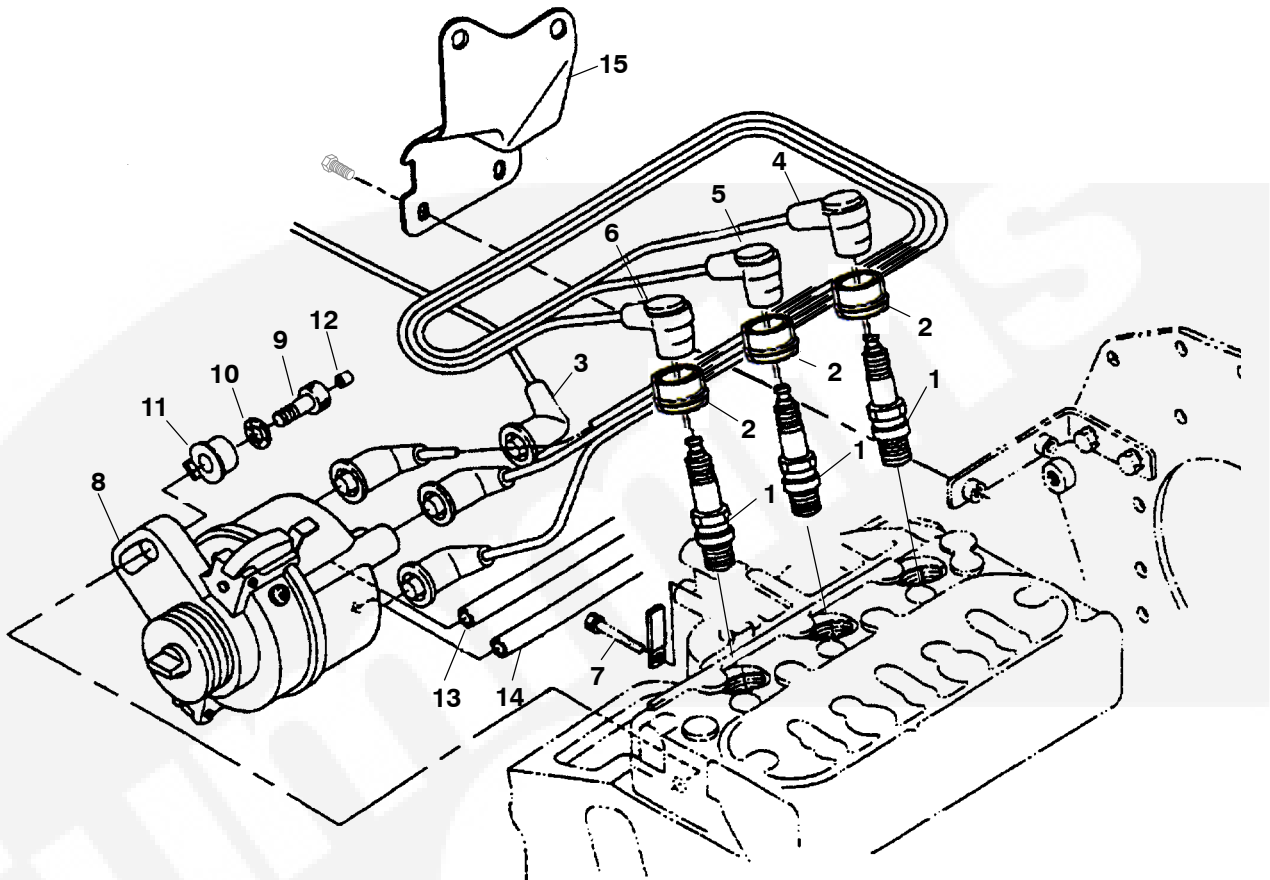
## Starter



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	191-2229	1	◆ Starter <b>MC</b>
2	815-0781	2	Screw, Hex Head Cap (M8 x 1.25 x 30mm)
3	870-2055	2	Nut-Lk Flange (M8x 1.25)

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

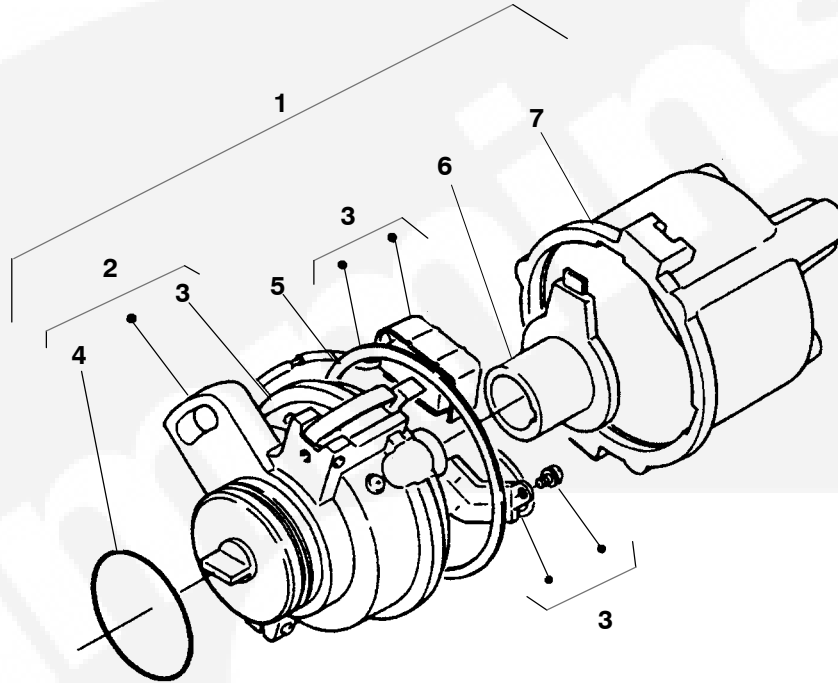
## Plugs and Distributor



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	167-1644	3	◆ Spark Plug <b>MC</b>
2	167-1646	3	◆ Cap, Spark Plug <b>MC</b>
3	167-1645	1	◆ Cord, Center <b>MC</b>
4	167-1647	1	◆ Assy, Cord Plug <b>MC</b>
5	167-1648	1	◆ Assy, Cord Plug <b>MC</b>
6	167-1649	1	◆ Assy, Cord Plug4 <b>MC</b>
7	518-0717	1	Clamp, Cord
8	166-0891	1	◆ Distributor <b>MC</b>
9	802-2540	1	Bolt, Socket Head
10	851-0047	1	Washer, Wave
11	518-0718	1	Cover, Tamper
12	517-0363	1	Plug
13	503-2429	1	Pipe
14	503-2430	1	Pipe
15	116-0898	1	Cover

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

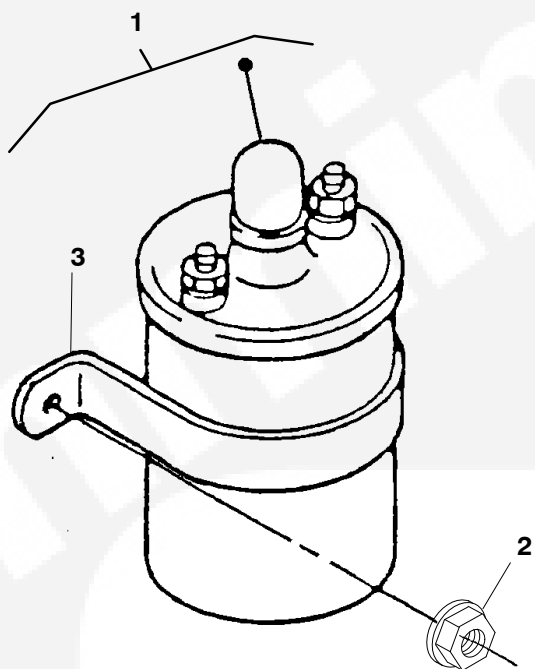
## Distributor



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	166-0891	1	◆ Assy Distributor <b>MC</b>
2	166-0892	1	◆ Kit, Housing <b>MC</b>
3	166-0893	1	◆ Igniter <b>MC</b>
4	509-0383	1	◆ O'Ring <b>MC</b>
5	509-0384	1	◆ Gasket <b>MC</b>
6	166-0895	1	◆ Assy Rotor <b>MC</b>
7	166-0894	1	◆ Assy Cap

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

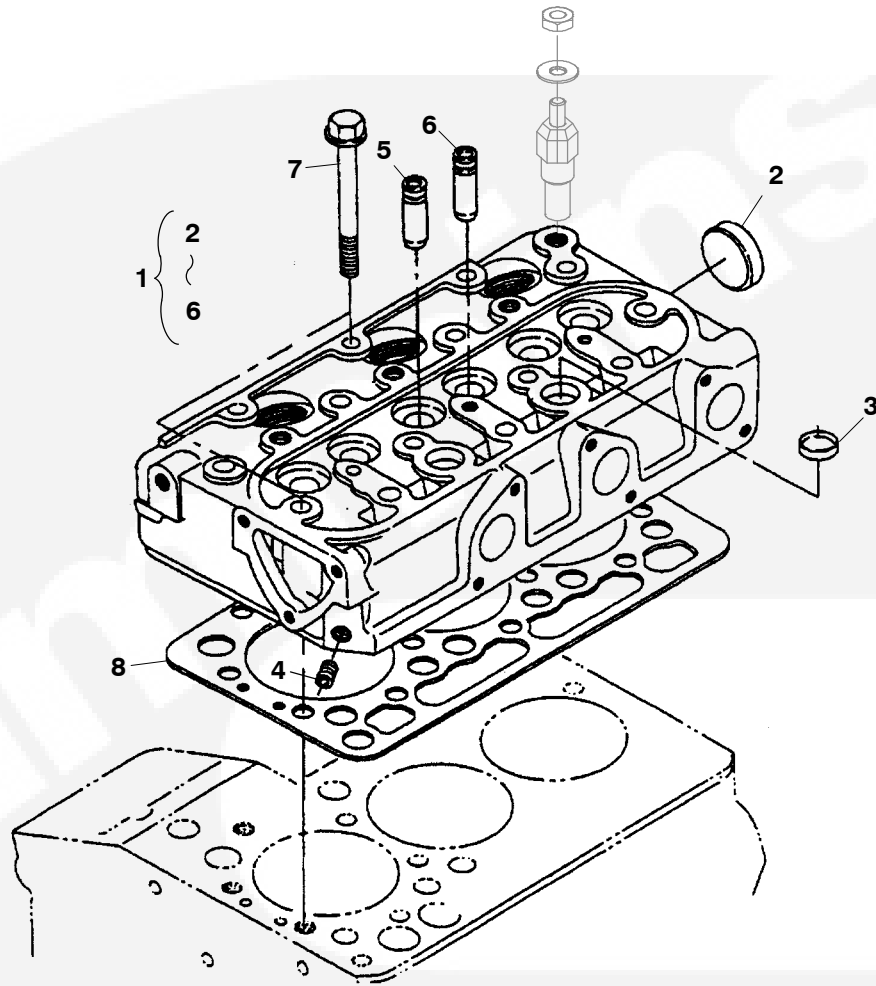
## Ignition Coil



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	166-0896	1	◆ Coil, Ignition MC
2	870-2065-02	2	Nut Hex (M6 x 1mm)
3	166-0897	1	Bracket, Ignition Coil

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

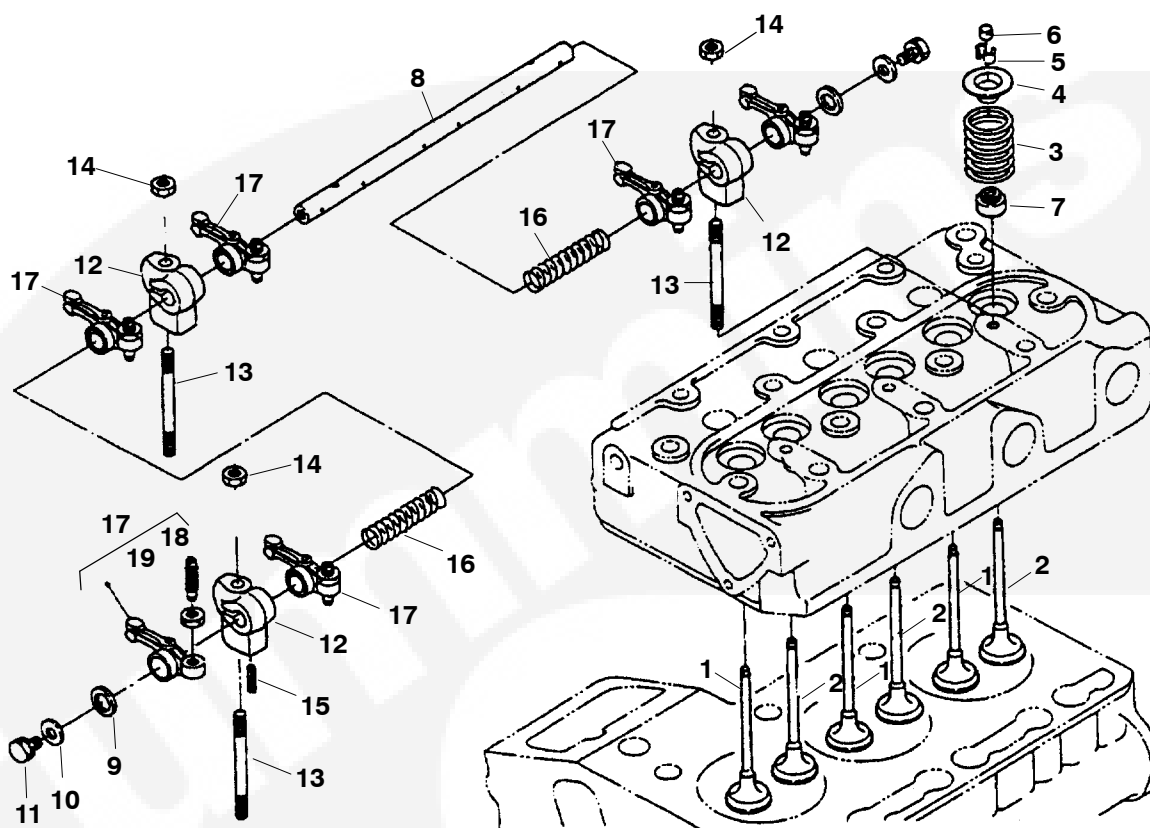
## Cylinder Head



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	110-3945	1	Assy, Cylinder Head	6	185-5501	12	*Guide, Exhaust Valve
2	185-2411	1	*Cap, Sealing	7	185-5503	14	Bolt, Cylinder Head
3	185-2413	2	*Cap, Sealing	8	110-3944	1	Gasket, Cylinder Head
4	185-2188	1	*Plug				
5	185-5500	3	*Guide, Inlet Valve				

\* - Parts Included in Cylinder Head Assy.

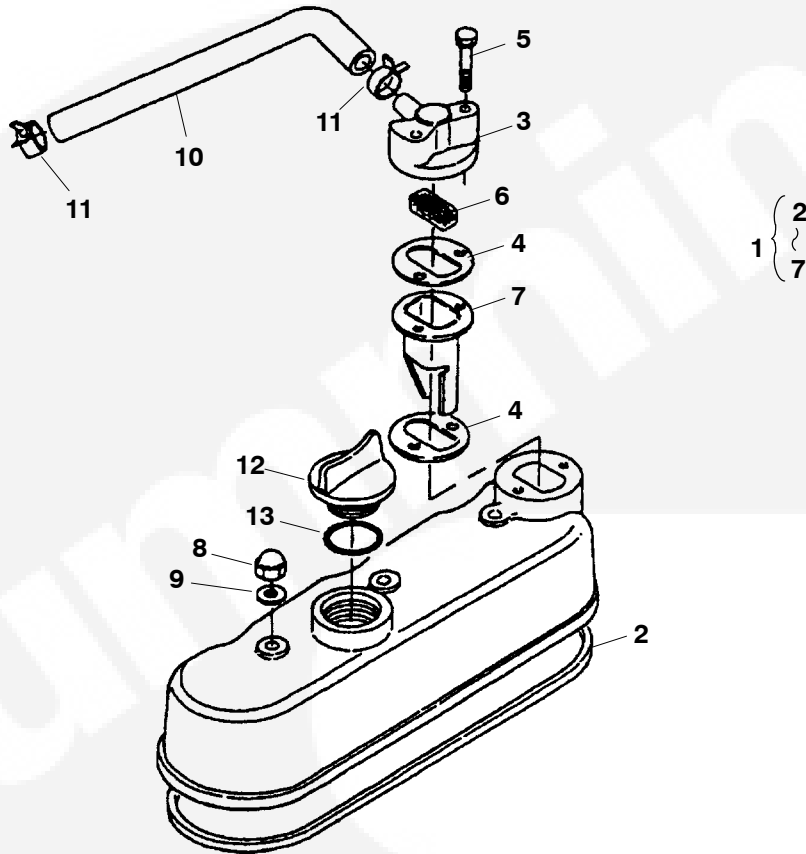
## Valve and Rocker Arm



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-5537	3	Valve, Inlet
2	110-3946	3	Valve, Exhaust
3	185-5539	6	Spring, Valve
4	185-5540	6	Retainer, Spring
5	185-5541	6	Collet, Valve Spring
6	185-5542	6	Cap, Valve
7	185-5348	6	Seal, Valve Stem
8	185-7085	1	Shaft, Rocker Arm
9	185-7086	1	Washer
10	185-7395	2	Washer, Plain

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
11	185-2386	1	Bolt
12	185-5546	3	Bracket, Rocker Arm
13	185-5547	3	Stud
14	185-4255	3	Nut
15	185-2351	3	Pin, Spring
16	185-5550	2	Spring, Rocker Arm
17	185-5551	3	Assy, Rocker Arm
18	185-5552	3	Screw, Adjusting
19	185-5553	3	Nut

## Cylinder Head Cover



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	115-0506	1	Cover Assy, Cylinder Head (Includes Parts Marked *)
2	185-5807	1	*Gasket, Head Cover
3	123-2232	1	*Cover, Breather
4	123-2231	1	*Gasket, Breather
5	185-5966	1	*Bolt
6	185-5523	2	◆*Element, Breather MC
7	123-2230	1	*Plate, Breather
8	185-5529	2	Nut, Cap
9	185-2284	1	Gasket
10	123-2233	1	Tube, Breather
11	185-5732	2	Band, Pipe
12	185-5407	1	Plug, Oil Filler

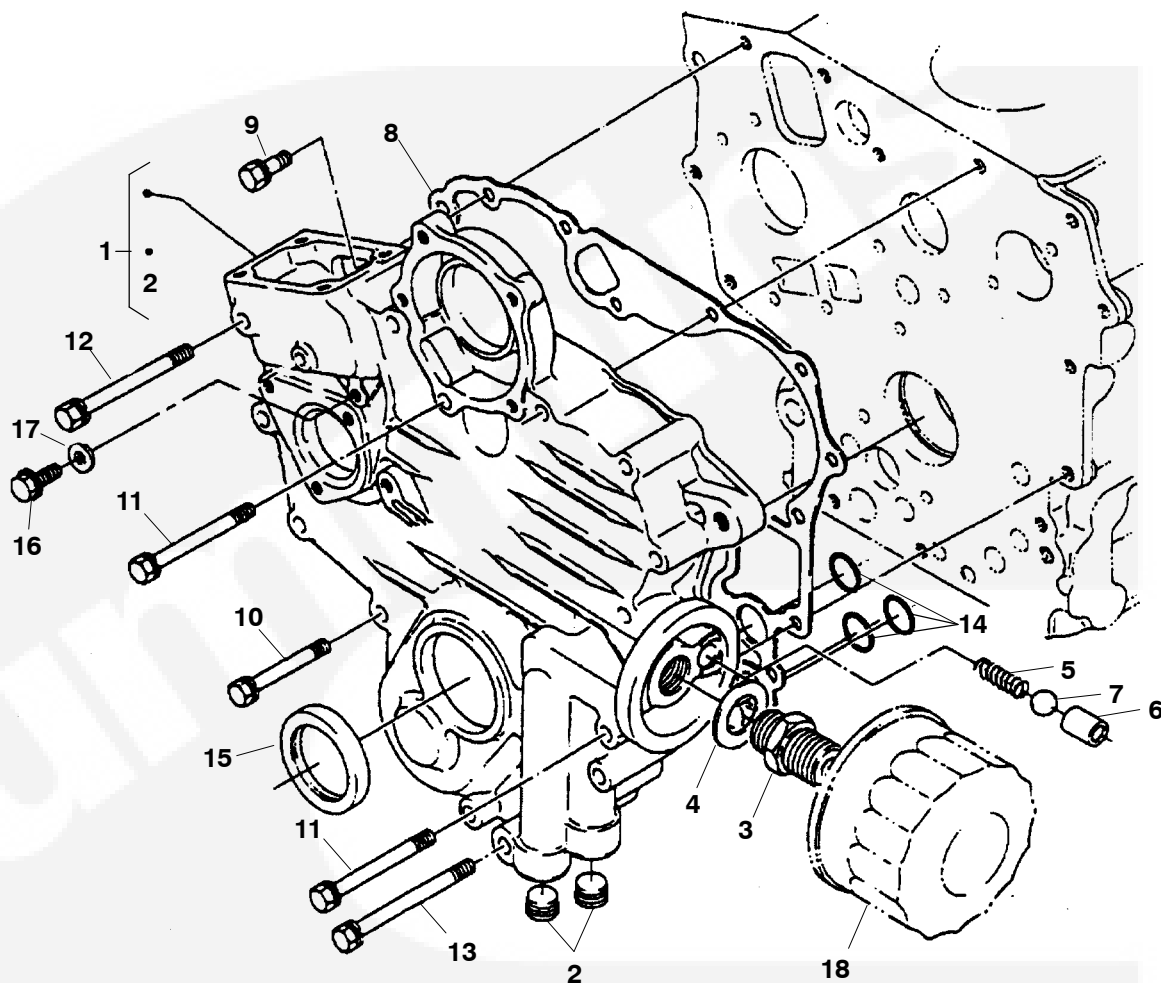
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
13	185-7426	1	O'Ring

\* - Parts Included in Cylinder Head Cover Assy.

**⚠ 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, ABYC, and ISO. When **MARINE CRITICAL** parts are replaced for any reason, use Onan parts that are identified with the part numbers in this book.



## Gearcase

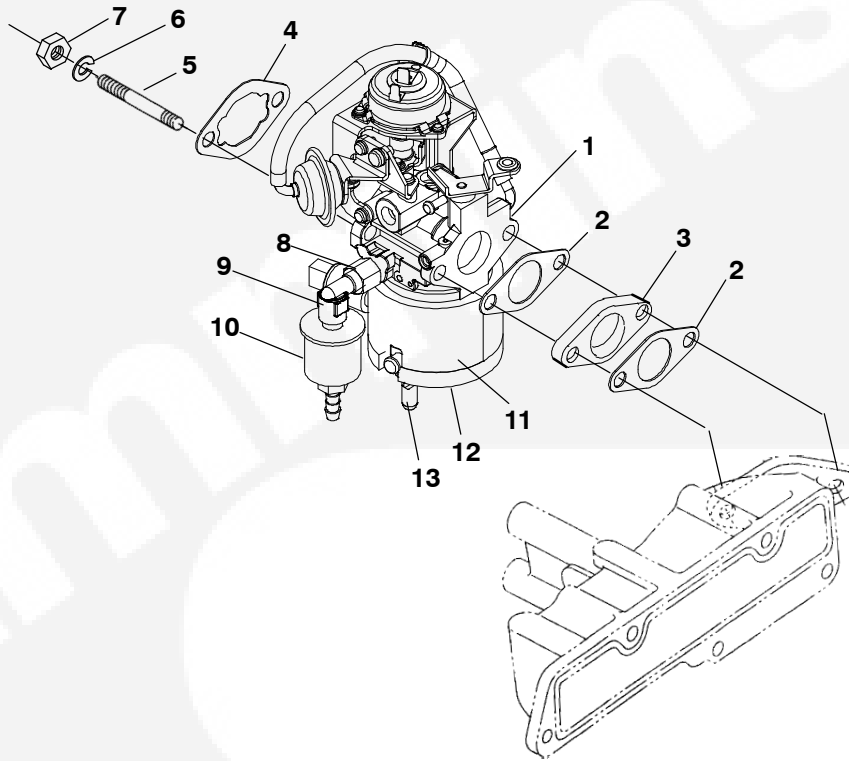


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	103-0831	1	Gearcase Assy (Includes Parts Marked *)
2	185-5505	2	*Plug
3	185-2124	1	Joint, Pipe
4	185-5508	1	Washer, Plain
5	185-5509	1	Spring
6	185-5510	1	Seat, Valve
7	185-6711	1	Ball
8	185-7382	1	Gasket, Gearcase
9	185-2389	1	Bolt
10	185-7069	10	Bolt

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
11	185-5507	3	Bolt
12	185-2397	1	Bolt
13	185-2398	1	Bolt
14	184-0015	3	O'Ring
15	185-5410	1	Seal, Oil
16	185-2572	1	Bolt, Flange
17	103-0830	1	Gasket
18	185-7444	1	Cartridge, Oil Filter

\* - Parts Included in Gearcase Assy.

## Carburetor



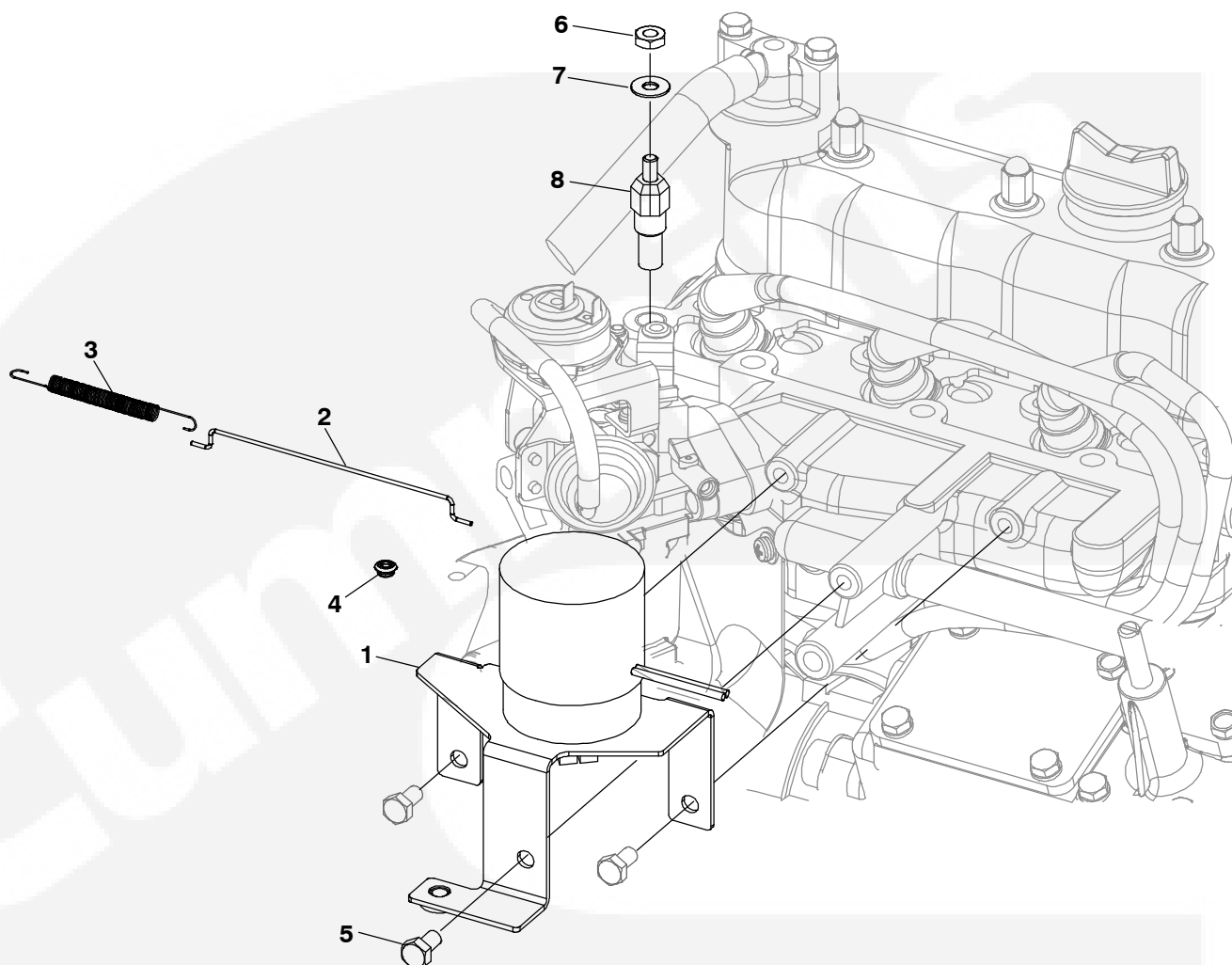
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	541-0990	1	♦ Kit, Carburetor (Kit Includes Parts Mark *)
1	146-0821	1	*Carburetor
2	185-3770	2	*Gasket, Carburetor
3	146-0836	1	Insulator, Carburetor
4	-	1	*Gasket, Carburetor (See Air Intake)
5	520-2646	1	Stud
6	185-6957	2	Washer, Spring
7	185-2367	2	Nut
8	502-0691-01	1	*Adapter, Pipe (1/8"NPT)
9	502-1108-01	1	*Elbow, Street
10	149-2341-01	1	*Filter, Fuel
11	-	1	*Cover, Carburetor(See Fuel System Page for Number)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
12	149-2672	1	*Cover, Carburetor
13	149-2698	1	*Cover, Carburetor

\* - Parts Included in Carburetor Kit

**⚠ 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, ABYC, and ISO. When **MARINE CRITICAL** parts are replaced for any reason, use Onan parts that are identified with the part numbers in this book.

## Governor Actuator

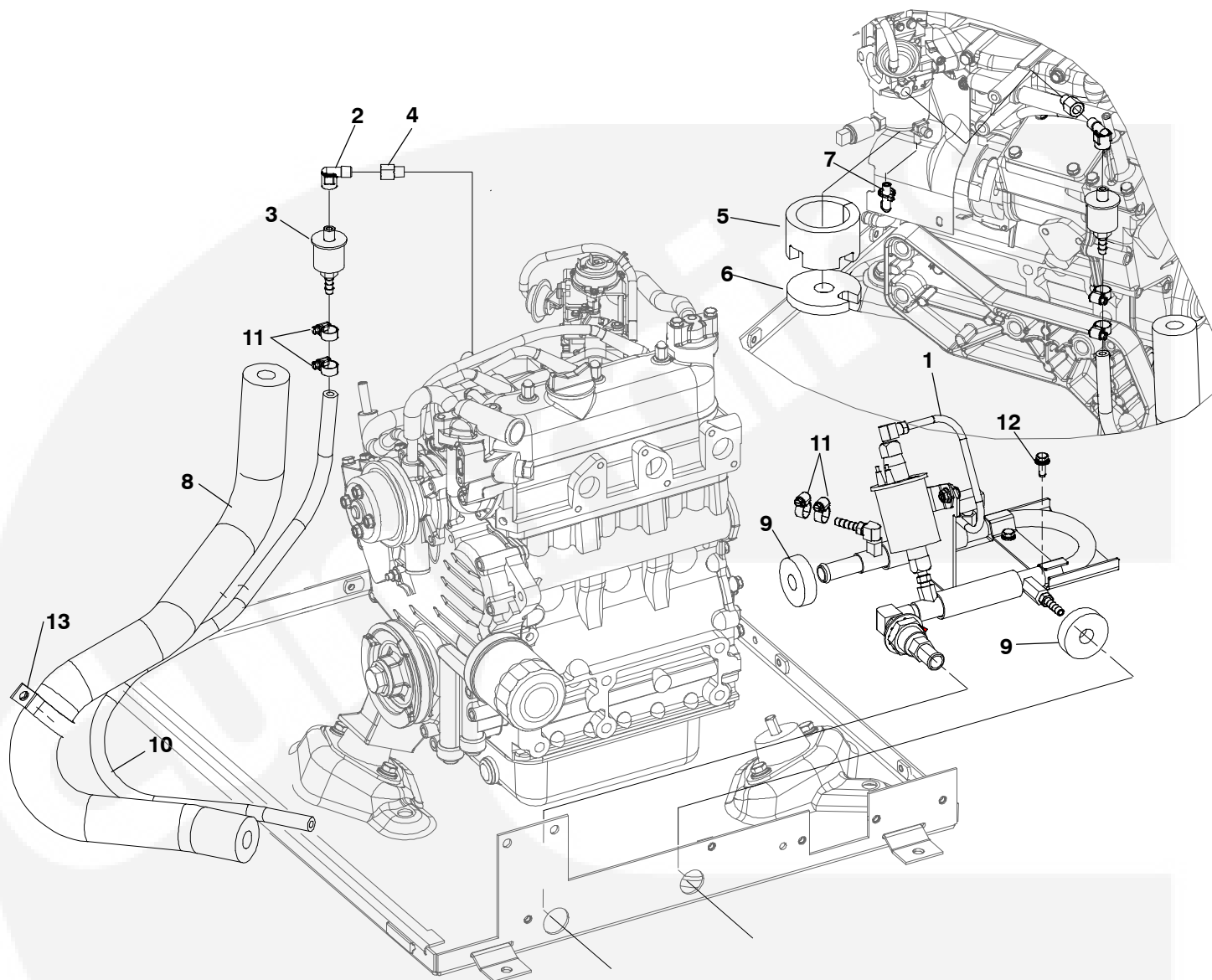


REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
1			◆ Actuator, Rotary MC
	150-2793	1	Spec A
	150-2825	1	Begin Spec B
2			Rod, Throttle
	150-2789	1	Spec A
	150-2824	1	Begin Spec B
3			Spring, Tension
	506-0003	1	Spec A
	506-0012	1	Begin Spec B
4	505-1567	1	Bushing, Governor
5	800-3017-02	1	Screw, Hex Head Cap (M6 x 1 x 12mm)

REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
6	871-0010	1	Nut, HBMS (10-32UNF)
7	526-0049	1	Washer, Flat
8	193-0388	1	Sender, Temperature

**⚠ 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, ABYC, and ISO. When MARINE CRITICAL parts are replaced for any reason, use Onan parts that are identified with the part numbers in this book.

## Fuel System



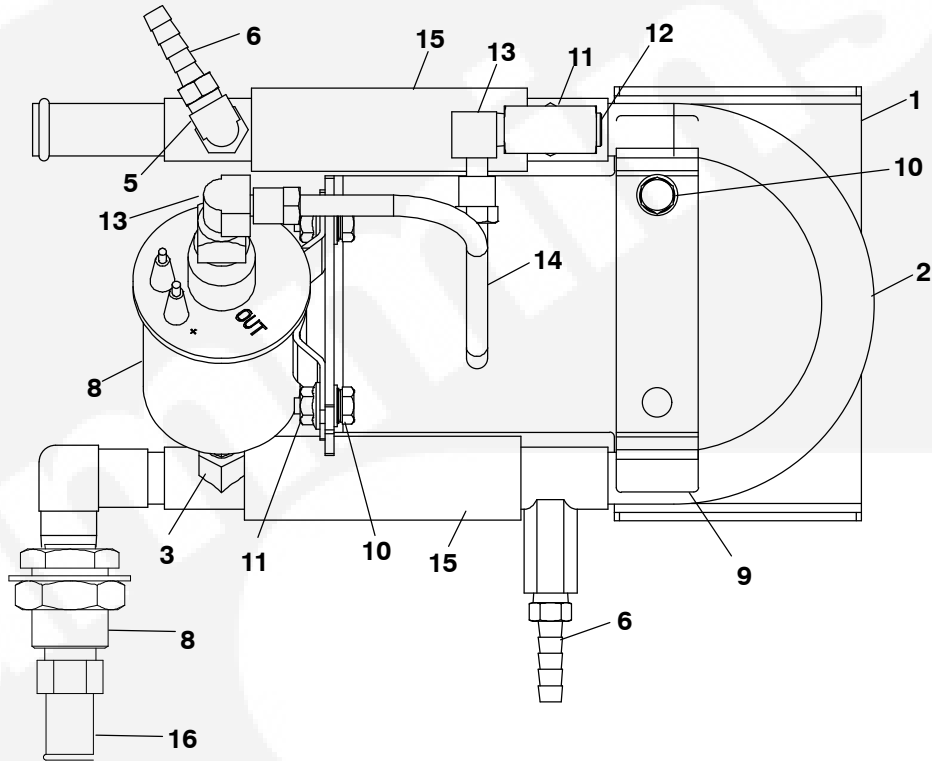
REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	149-2685	1	Assy, Fuel Pump Bracket (See Next Page for Components)
2	502-1108-01	1	Elbow, Street (See Carburetor Page for items Marked*)
3	149-2341-01	1	♦*Filter, Fuel <b>MC</b>
4	502-0691-01	1	*Adapter, Pipe
5	149-2672	1	Cover, Carburetor
6	149-2673	1	Cover, Carburetor
7	149-2698	1	Cover, Carburetor
8	503-2402	1	Hose, Fuel (Insulation)
9	405-7394	2	Seal, Enclosure
10	503-2807	1	♦Hose, Fuel <b>MC</b>
11	503-2308	4	Clamp, Hose
12	800-6395-01	3	Screw, Hex Head Sems

REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
13	518-0548-05	1	Clamp, Hose
14	146-0880	1	Solenoid, Fuel Cutoff (Not Shown)

\* - Parts Reference Carburetor Page for Numbers.

**⚠ 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, ABYC, and ISO. When **MARINE CRITICAL** parts are replaced for any reason, use Onan parts that are identified with the part numbers in this book.

## Pump Assembly

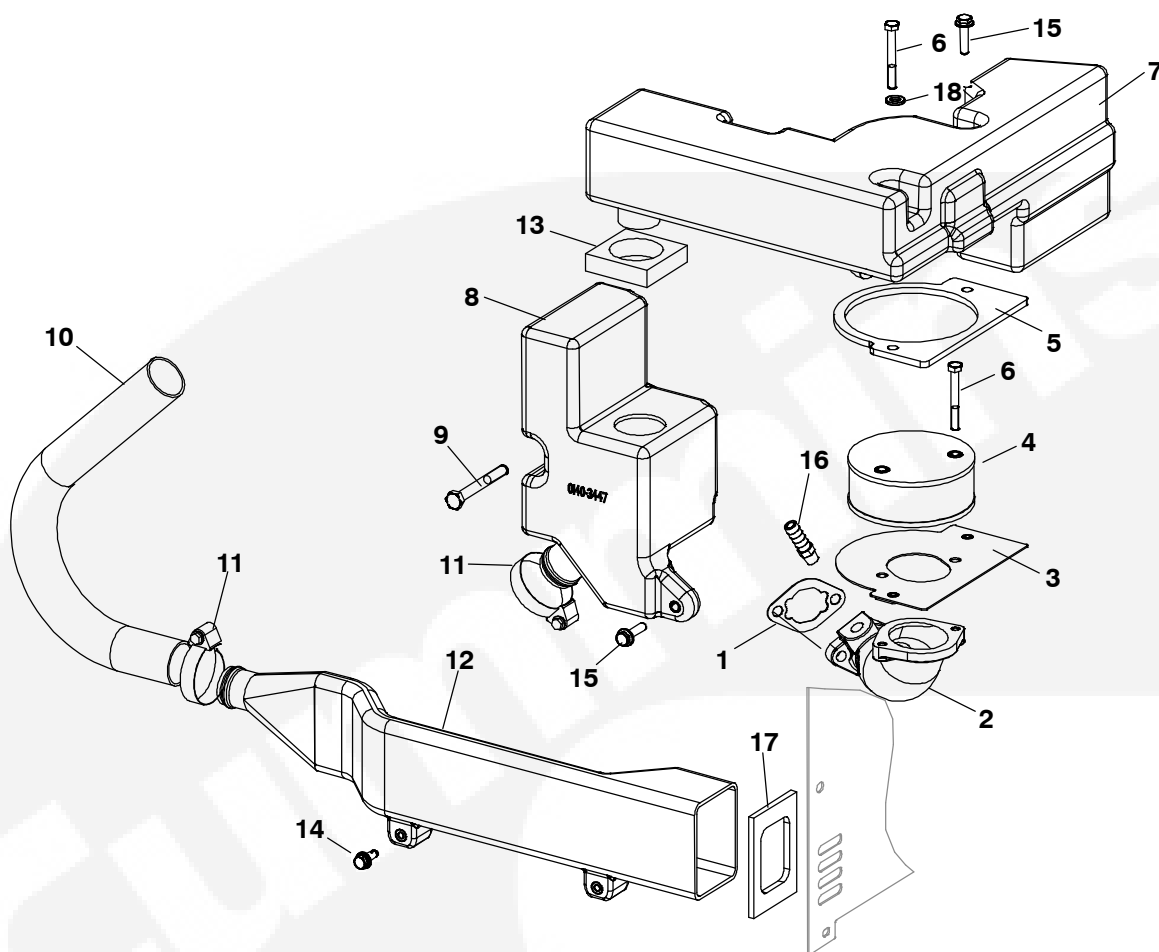


REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
	149-2685	1	Assy, Fuel Pump
1	149-2684-02	1	Bracket, Fuel Pump (Condenser)
2	147-0881	1	◆ Manifold, Fuel (Condenser) MC
3	505-2107	1	Nipple, Pipe (W/ Sealant)
4	149-2705	1	◆ Pump, Fuel MC
5	149-2686-02	1	Bracket, Fuel Pump
6	821-6002-02	3	Screw, Hex Head Sems (M6 x 1 x 12mm)
7	870-2065-02	2	Nut, Hex Flange
8	502-1209	1	Coupling, Union BHT
9	502-0020-01	1	Elbow, Pipe
10	502-1465	2	Connector, Hose (W / Sealant)
11	502-1467	1	Tee, Tube (W / Sealant)
12	505-2122	1	Plug

REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
13	502-0002	2	Elbow, Invert (Male)
14	501-0799	1	Line, Fuel
15	503-2405	2	Hose, Fuel (Insulation)
16	502-0943	1	Connector, Hose

**⚠ 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, ABYC, and ISO. When MARINE CRITICAL parts are replaced for any reason, use Onan parts that are identified with the part numbers in this book.

## Air intake

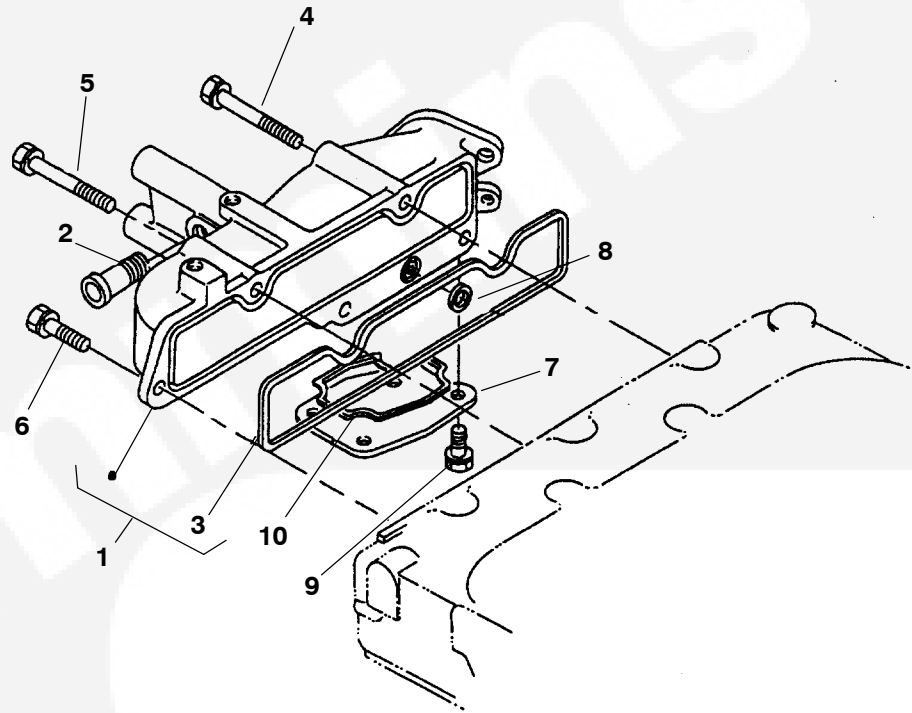


REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
	155-3239	1	Kit, Resonator
1	146-0816	1	Gasket, Carburetor
2	146-0797	1	♦ Adapter, Carburetor <b>MC</b>
3	140-3431	1	♦ Adapter, Intake Resonator <b>MC</b>
4	140-3337	1	♦ Arrestor, Flame <b>MC</b>
5	140-3438	1	Gasket, Intake Resonator
6	800-2040	4	Screw, Hex Head (M6 x1 x 50mm)
7	140-3446	1	Resonator, Air Intake
8	140-3447	1	Resonator, Air Intake
9	800-2066	1	Screw, Hex Head (M8 x1.25 x 65mm)
10	503-2305	1	Hose, Inlet
11	503-1137	2	Band, Hose Clamp
12	140-3437	1	Tube, Resonator
13	140-3439	1	Gasket, Intake Resonator
14	800-6395-01	2	Screw, Hex Head Sems (M6 x 1 x 16)

REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
15	821-2035	2	Screw, Locking Flange (M6 x 1 x 25mm)
16	502-0432	1	Connector, Hose (1/8NPT x Hose)
17	140-3476	1	Gasket, Intake Resonator
18	526-0399-58	2	Washer, Flat

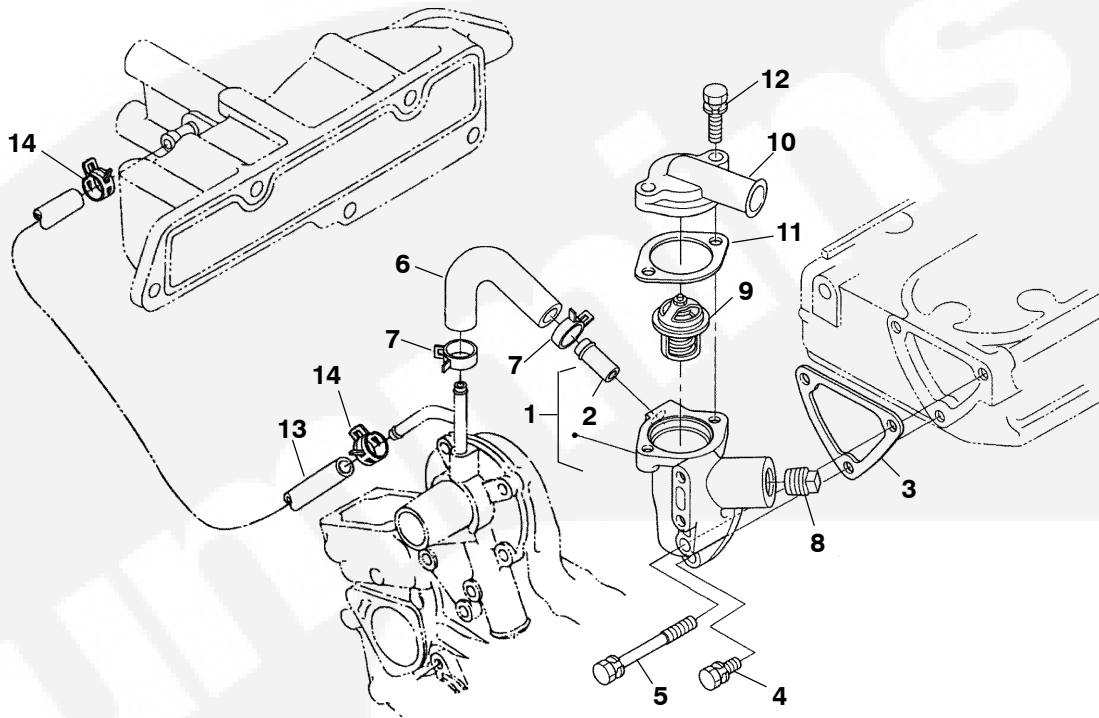
**⚠ WARNING** ♦ **MC** – Are **MARINE CRITICAL** and must comply with boating safety ignition protection, backfire, fire resistance, exhaust system integrity, or other requirements established by regulatory agencies, such as US Coast Guard, ABYC, and ISO. When **MARINE CRITICAL** parts are replaced for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

## Manifold Intake



REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	154-3169	1	Manifold, Intake (Includes Gasket)
2	185-2239	1	Pipe, Water Return
3	154-3170	3	Gasket, Intake Manifold
4	185-5507	1	Bolt
5	185-2391	1	Bolt
6	800-6315	1	Bolt
7	154-3166	1	Cover
8	154-3167	1	Gasket
9	185-2388	1	Bolt
10	154-3168	1	Gasket

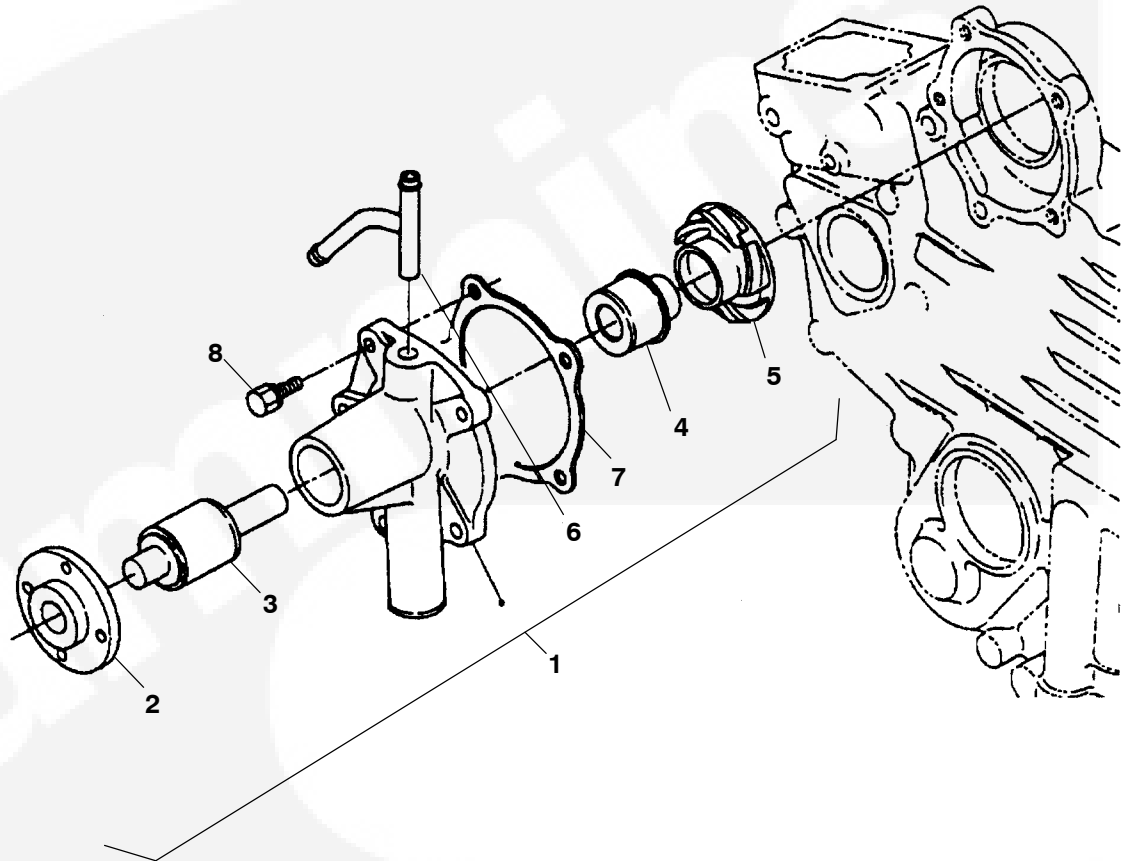
## Thermostat Assembly



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-5928	1	Assy, Thermostat (Includes Water Return Pipe)
2	185-5719	1	Pipe, Water Return
3	185-7393	2	Gasket, Water Flange
4	185-2388	1	Bolt
5	185-6490	1	Bolt
6	503-2432	1	Pipe, Water Return
7	185-6667	2	Band, Pipe
8	185-5826	1	Plug
9	185-2235	1	Thermostat, Engine
10	130-5927	1	Cover, Thermostat
11	185-7416	1	Gasket, Thermostat
12	185-2559	1	Bolt
13	503-2431	1	Pipe, Water Return
14	185-6667	2	Band, Pipe



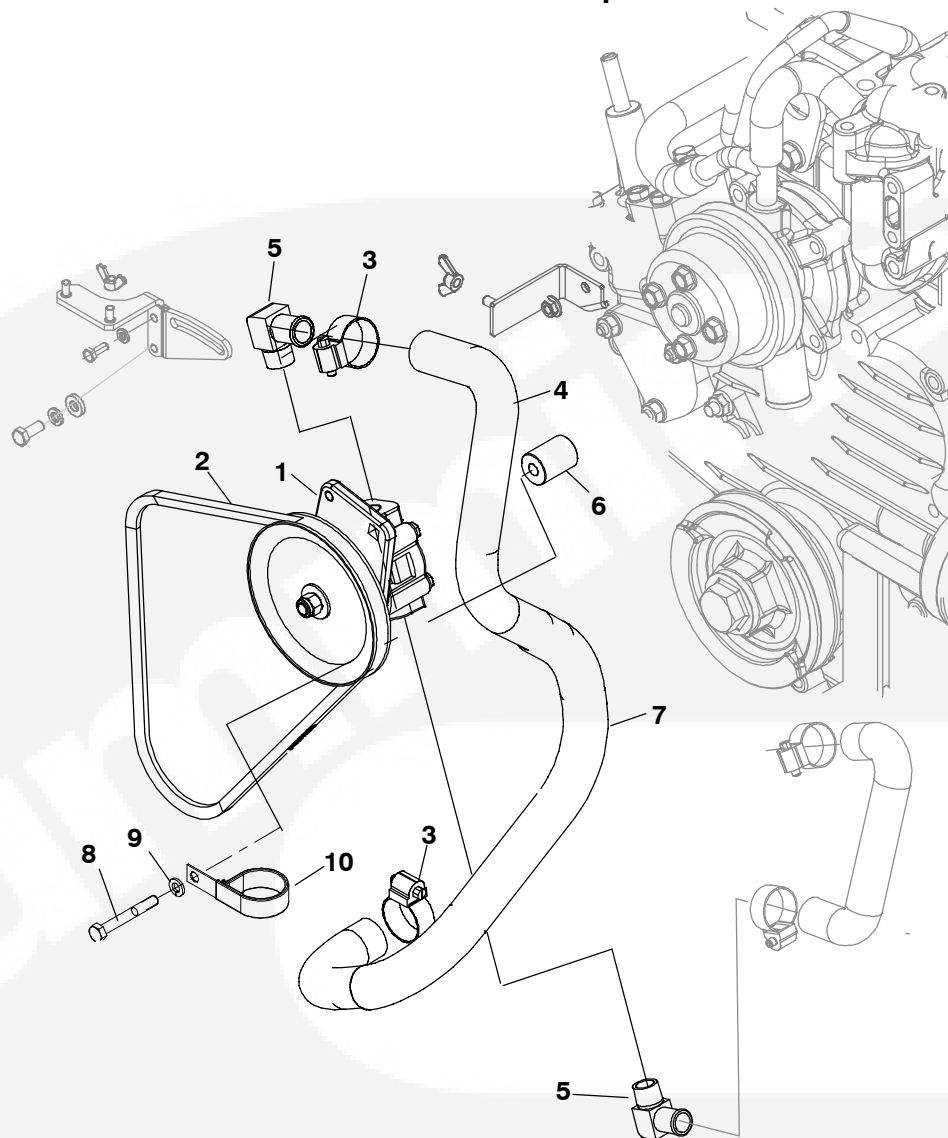
## Coolant Water Pump Components



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	132-0432	1	Assy, Coolant Water Pump (Includes Parts Marked *)
2	185-5712	1	*Flange, Pump Water
3	185-5713	1	*Bearing
4	185-6450	1	*Seal Assy, Mechanical
5	132-0431	1	*Impeller, Water Pump
6	130-5929	1	*Pipe, Water Return
7	184-0036	4	Gasket, Water Pump
8	185-2559	4	Bolt

\* - Parts Included in Coolant Water Pump Assy.

## Raw Water Pump

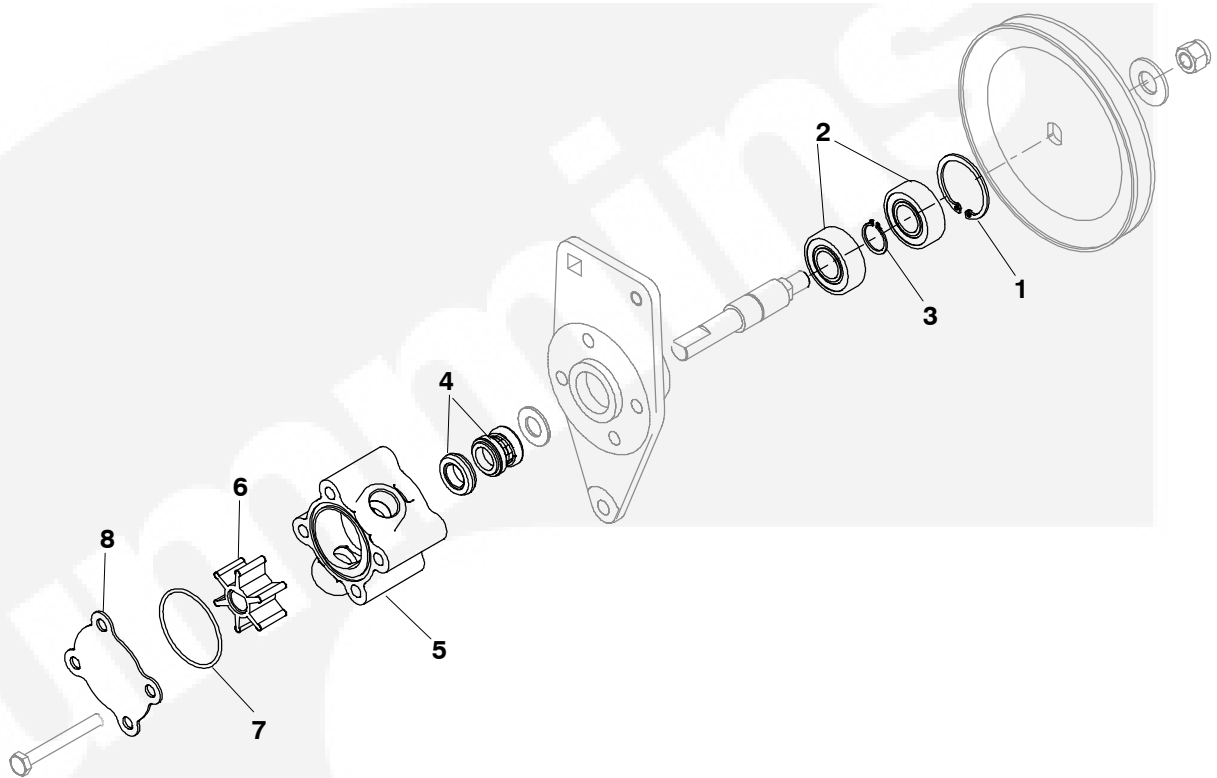


REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
	132-0428	1	Kit, Water Pump (Major Kit, See Next Page for Components)
	132-0415	1	Kit, Water Pump Service (Includes Impeller and O'Ring)
1	132-0430	1	Pump Assy, Water (Brass)
2	511-0206	1	◆ Belt, Drive MC
3	503-1135	2	Screw, Hose Clamp
4	503-2400	1	Hose, Inlet
5	502-0942	2	Elbow, 90° Hose (3/8 NPT x 5/8 Hose)
6	132-0411-01	1	Spacer, Water Pump

REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
7	898-1311-03	1	Sleeving
8	800-2065	1	Screw, (M8 x 60mm)
9	850-0114-54	1	Washer, Locking
10	518-0752	1	Clamp, Loop

**⚠ 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, ABYC, and ISO. When **MARINE CRITICAL** parts are replaced for any reason, use Onan parts that are identified with the part numbers in this book.

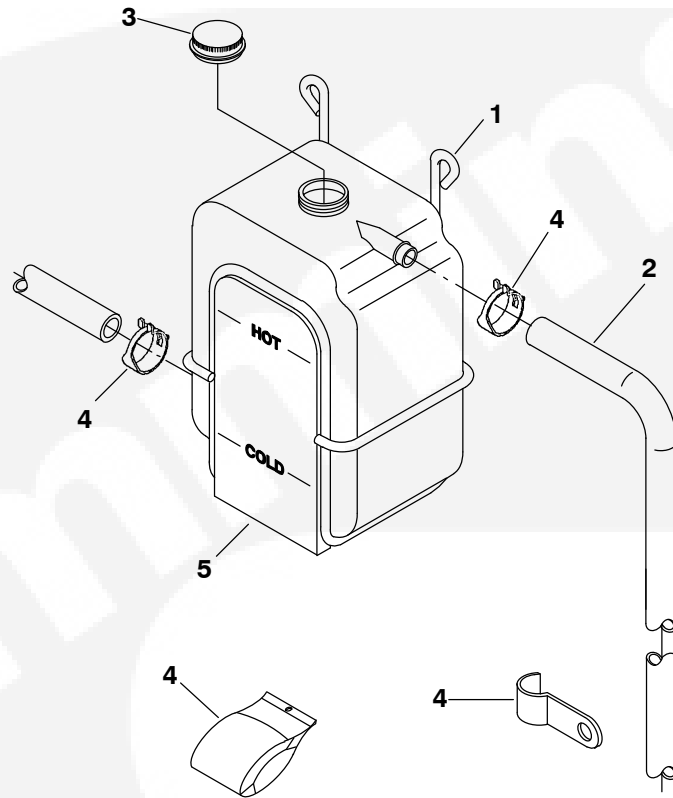
## Raw Water Pump Components Kit



REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
	132-0428	1	Kit, Water Pump (Major)
1	132-0400	1	Ring, Retaining (Internal)
2	132-0398	2	Bearing, Pump
3	132-0399	1	Ring, Retaining (External)
4	132-0406	1	Seal, Mechanical
5	132-0429	1	Body, Water Pump
6	132-0407	1	Impeller
7	132-0410	1	O'Ring
8	132-0408	1	Cover, Pump

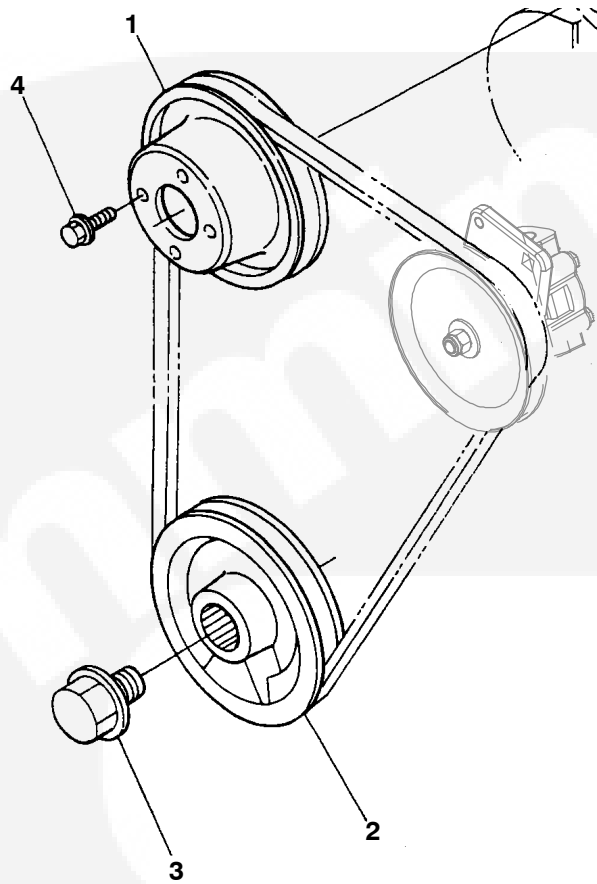


## Coolant Recovery Tank



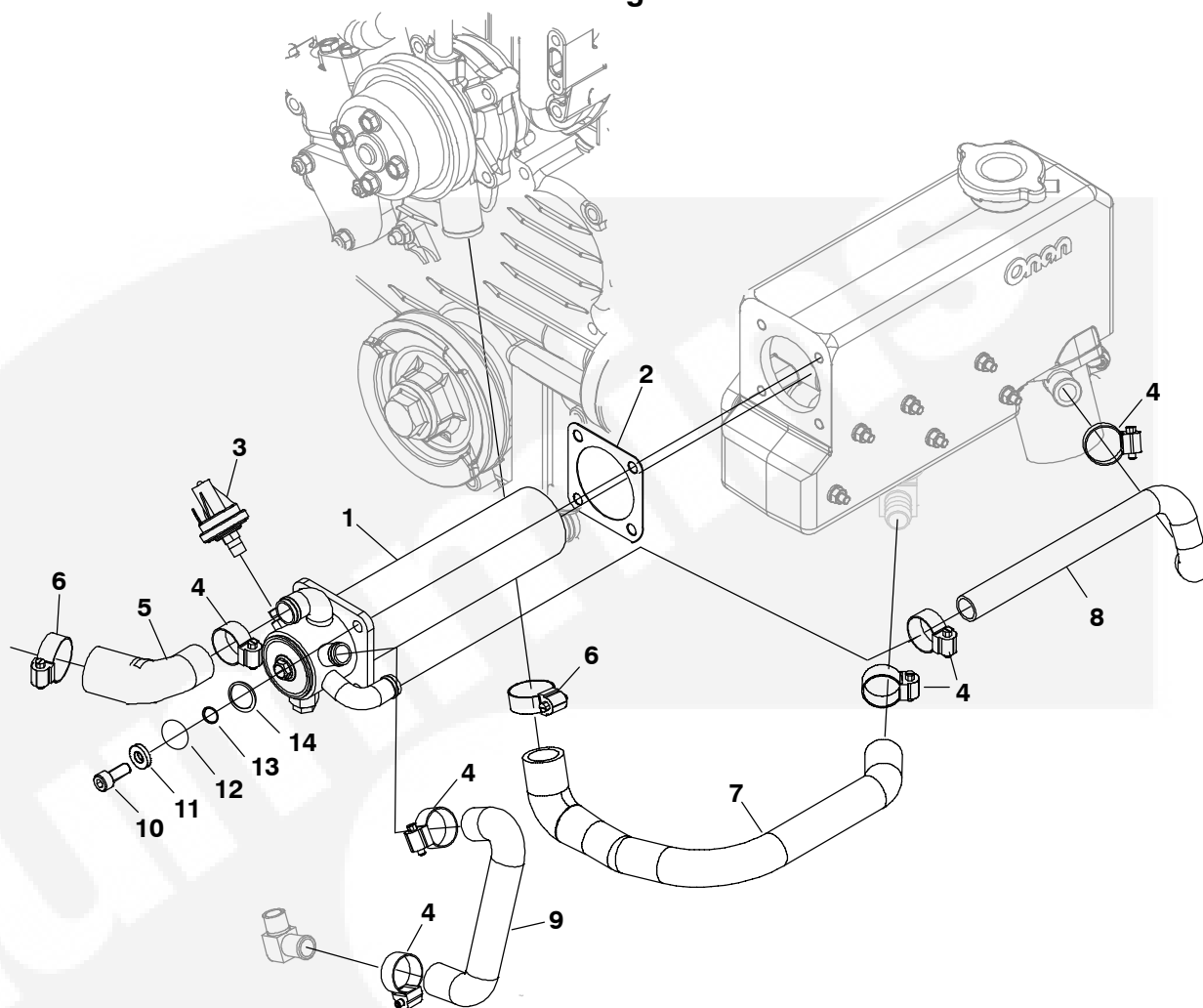
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	130-3574	1	Kit, Coolant Recovery
1	130-3571	1	Hanger, Tank
2	503-1692	1	Hose (5/16 I.D. x 120" Lg.)
3	130-3572	1	Cap, Tank
4	130-3573	1	Hardware Package (Includes Mounting Hardware)
5	130-3574	1	Tank, Water

## Pulley



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-5707	1	Pulley, Fan
2	185-7083	1	Pulley, Fan Drive
3	185-5709	1	Bolt, Flange
4	185-2572	4	Bolt, Flange

## Heat Exchanger

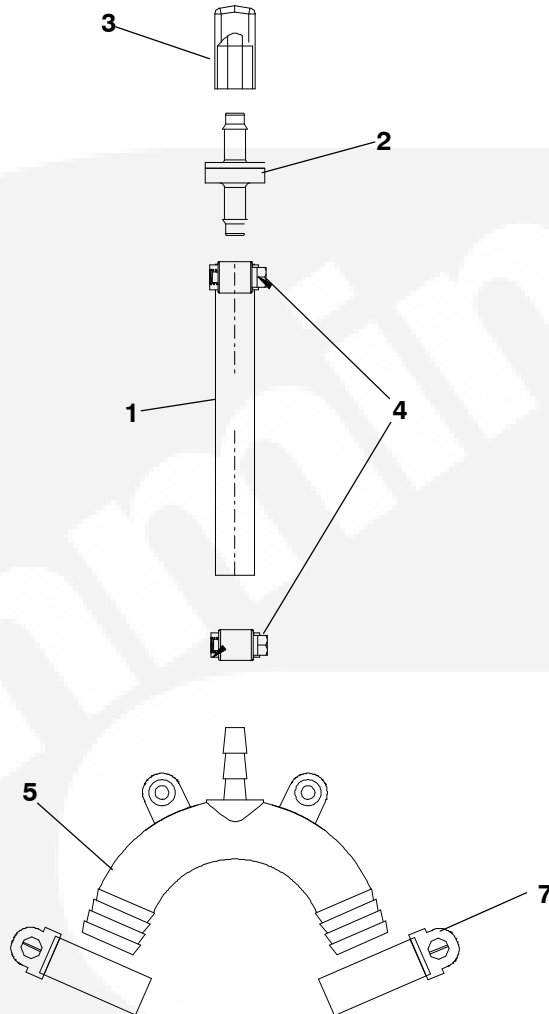


REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	130-5491	1	Exchange, Heat (Parts included marked *)
2	130-5139	1	Gasket, Heat Exchanger
3	309-0667	1	◆ Switch, Pressure <b>MC</b>
4	503-1135	6	Screw, Hose Clamp
5	503-2160	1	Hose, Coolant
6	503-1136	2	Clamp, Hose
7	503-2301	1	Hose, Coolant
8	503-2221	1	Hose, Coolant
9	503-2162	1	Hose, Coolant
10	800-0317	1	* Screw
11	526-0399-06	4	Washer, Flat (M8)

REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
12	130-5169	1	* Cap
13	509-0351	1	* O'Ring
14	130-5170	1	* Gasket

**⚠ 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, ABYC, and ISO. When **MARINE CRITICAL** parts are replaced for any reason, use Onan parts that are identified with the part numbers in this book.

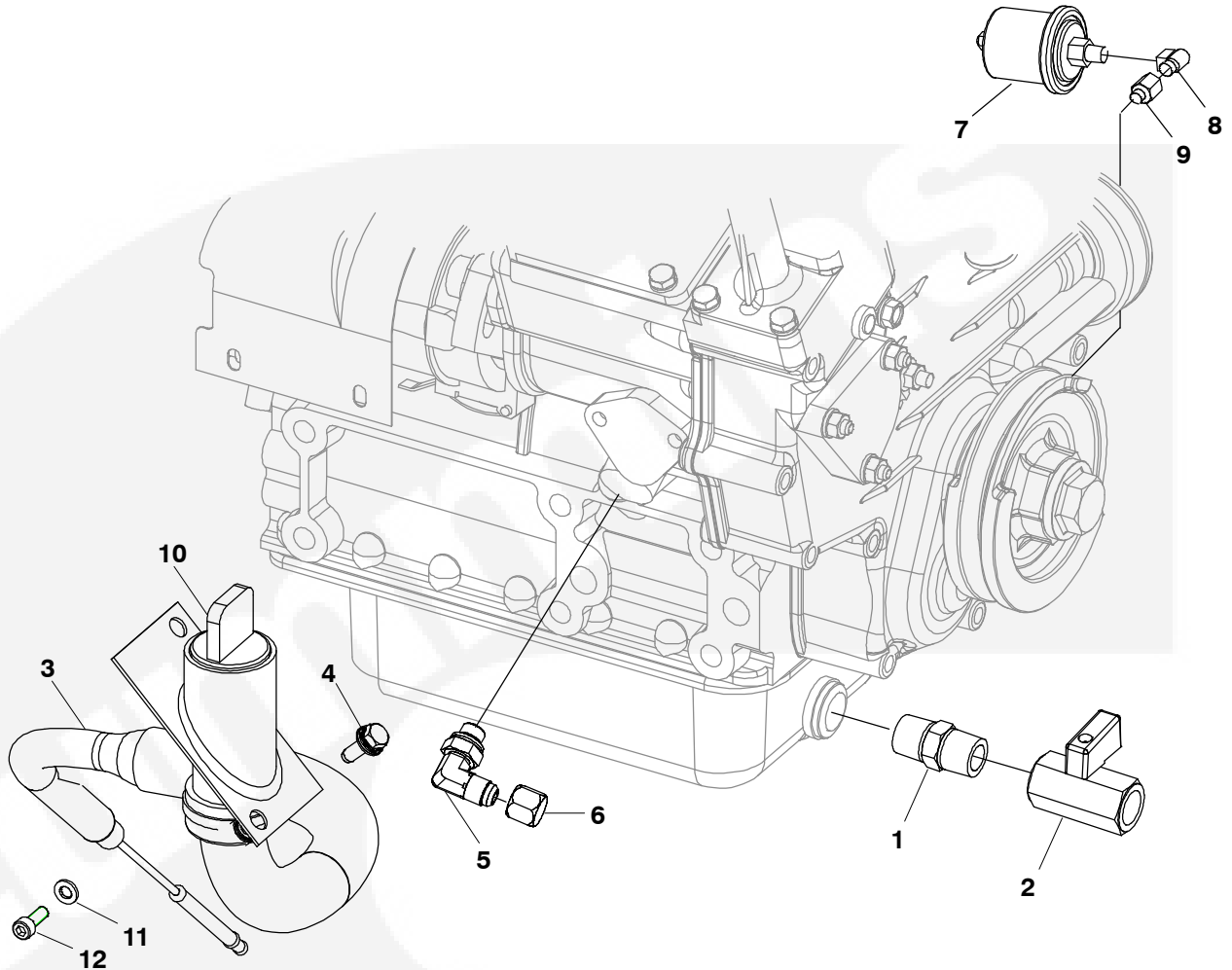
## Siphon Break



REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
	541-0876-02	1	Kit, Siphon Break
1	503-2788-01	1	Hose, Fuel
2	504-0223	1	Valve, Check
3	502-1425-02	1	Cap, Tube
4	503-2309	2	Clamp, Hose
5	502-1463	1	Connector, Hose
6	508-1102	2	Grommet, Rubber
7	503-0977	2	Clamp, Hose

All Parts (1-6) Included in Siphon Kit and Instructions.

## Oil System



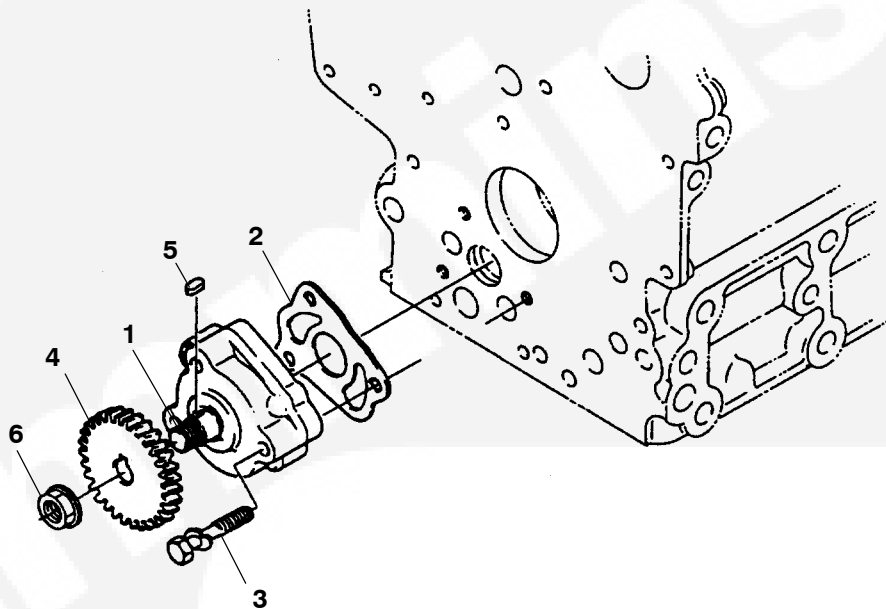
REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
	541-1034	1	Kit, Oil Fill (Includes Indicator and Clamp)
1	502-1349-01	1	Nipple, Hex Pipe
2	504-0206	1	Valve, Ball
3	123-2345	1	Tube, Oil Indicator
4	800-6395-01	2	Screw, Hex Head Sem (M6 x 1 x 16mm)
5	502-1359	1	Elbow, 90°
6	502-1360	1	Cap, Nut
7	193-0244	1	◆ Sender, Oil Pressure MC
8	502-0020-01	1	Elbow, Pipe
9	502-0917	1	Adapter, Pipe
10	123-2322	1	Indicator, Oil Level

REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
11	526-2081	1	Washer, Flat
12	725-1027	1	Screw, Socket Head (M6 x 16mm)

**⚠ 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, ABYC, and ISO. When MARINE CRITICAL parts are replaced for any reason, use Onan parts that are identified with the part numbers in this book.



## Oil Pump



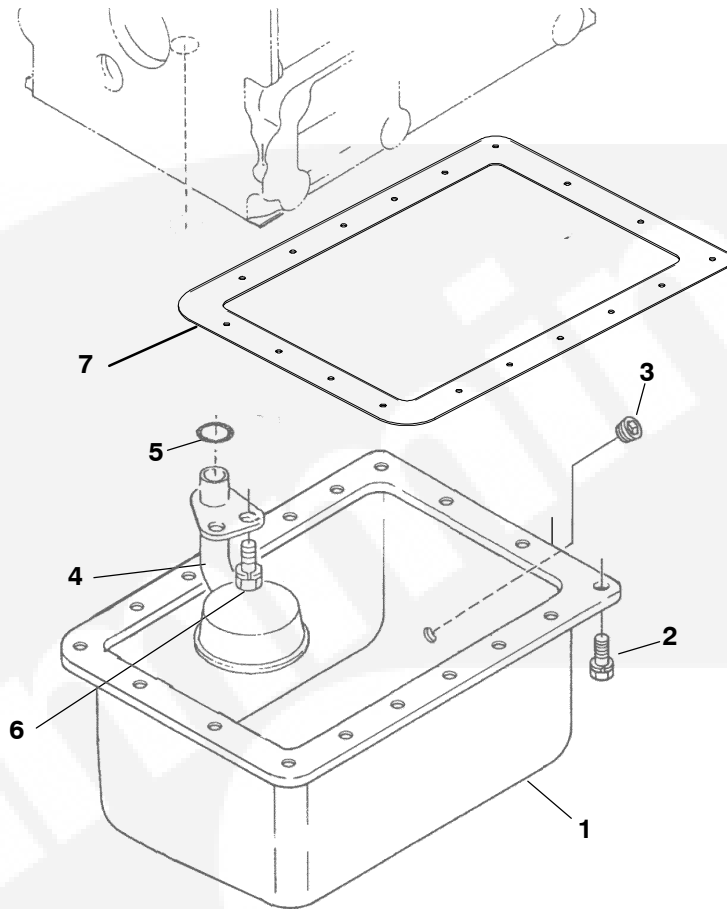
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-5412	1	Pump, Oil
2	185-5413	1	Gasket, Oil Pump
3	185-5491	1	Bolt
4	185-5414	1	Gear, Oil Pump Drive
5	185-5415	1	Key, Feather
6	185-5416	1	Nut, Flange



**“Intentional Left Blank”**

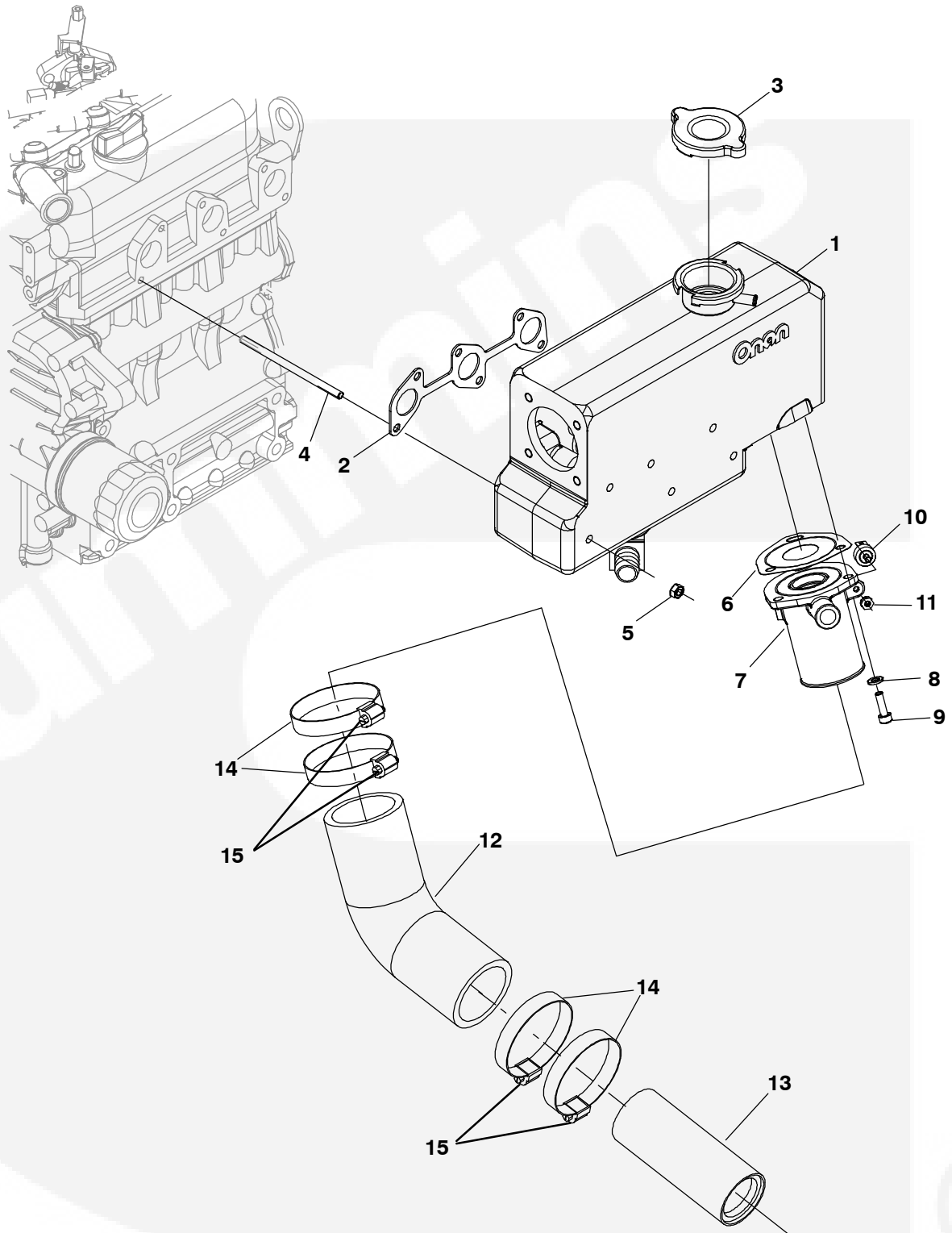


## Oil Pan



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	102-1512	1	Pan, Oil
2	185-2386	18	Bolt
3	102-1511	1	Plug
4	120-1348	1	Filter, Oil
5	185-7421	1	O'Ring
6	185-6956	1	Bolt
7	185-6818	1	Gasket

## Exhaust Manifold

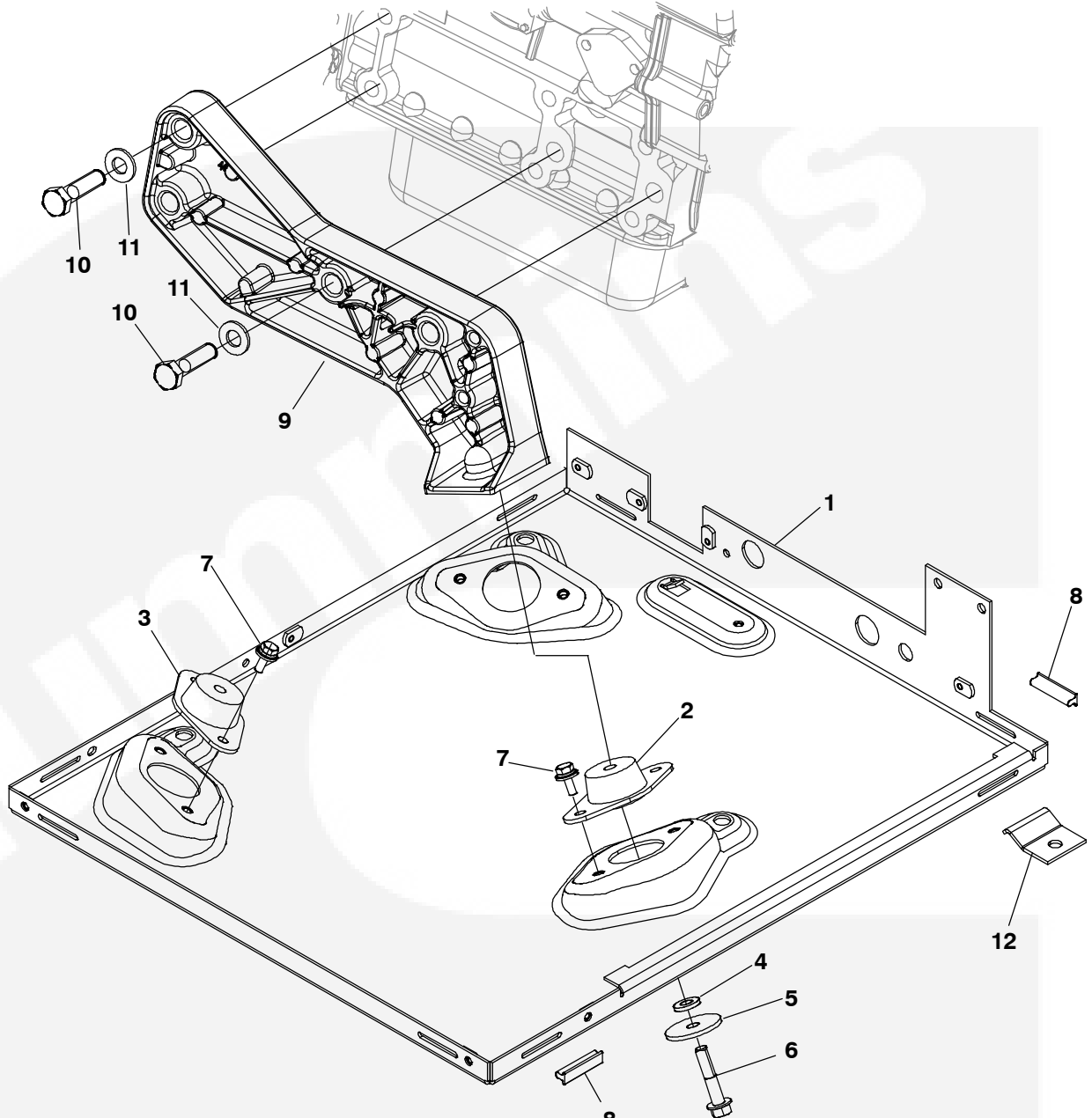


## Exhaust Manifold

REF NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
	155-3217	1	♦ Kit, Muffler	13	155-4065	1	♦ Tube, Exhaust MC
1	154-3117-01	1	♦ Manifold, Exhaust MC	14	503-1142	4	♦ Clamp, Hose MC
2	185-6852	1	♦ Gasket, Exhaust Manifold MC	15	503-2823	4	♦ Clamp, Hose
3	130-3721	1	Cap, Radiator				
4	520-1021	6	♦ Stud MC				
5	870-2065-02	6	♦ Nut, Hex Flange MC				
6	155-3720	1	♦ Gasket, Exhaust MC				
7	154-3163	1	♦ Manifold, Mixer MC				
8	526-0399-58	3	♦ Washer, Flat (M6) MC				
9	800-3017-04	3	♦ Screw, Hex Head MC (M6 x 1x 20mm)				
10	309-0597-01	1	♦ Switch, Hi Exhaust MC Temperature				
11	870-0221-01	1	♦ Nut, Hex (#8-32) MC				
12	503-2177	1	♦ Hose, Exhaust MC				

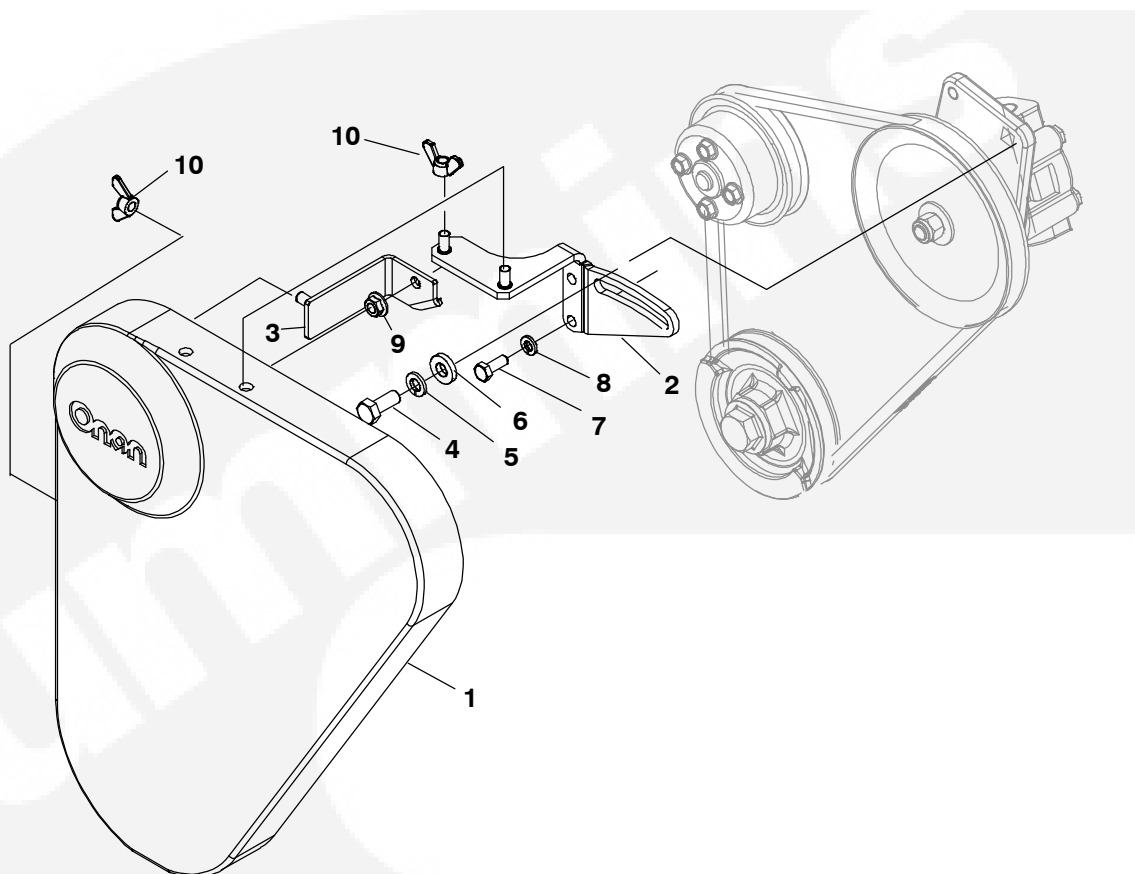
**⚠ WARNING** ♦ **MC** – Are **MARINE CRITICAL** and must comply with boating safety ignition protection, backfire, fire resistance, exhaust system integrity, or other requirements established by regulatory agencies, such as US Coast Guard, ABYC, and ISO. When **MARINE CRITICAL** parts are replaced for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

## Mounting Base



REF NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	403-4653-02	1	Base, Mounting	8	405-6776	4	Seal, Enclosure
2	402-0728	2	Isolator, Vibration (Blue)	9	403-4605	1	Bracket, Engine
3	402-0728-03	1	Isolator, Vibration (Green)	10	800-3006	4	Screw, Hex Head Cap (M10 x 1.25 x 40mm)
4	526-0030	3	Washer, Flat (3/8)	11	526-2120	4	Washer, Flat (M10)
5	526-0324	3	Washer, Flat (3/8)	12	405-6580-02	4	Clip, Hold Down (Control)
6	815-0842-09	3	Screw, Hex Head Thread Form (M10 x 1.5 x .50)				
7	821-6003-01	6	Screw, Hex Head Sems (M8 x 1.25 x 16mm)				

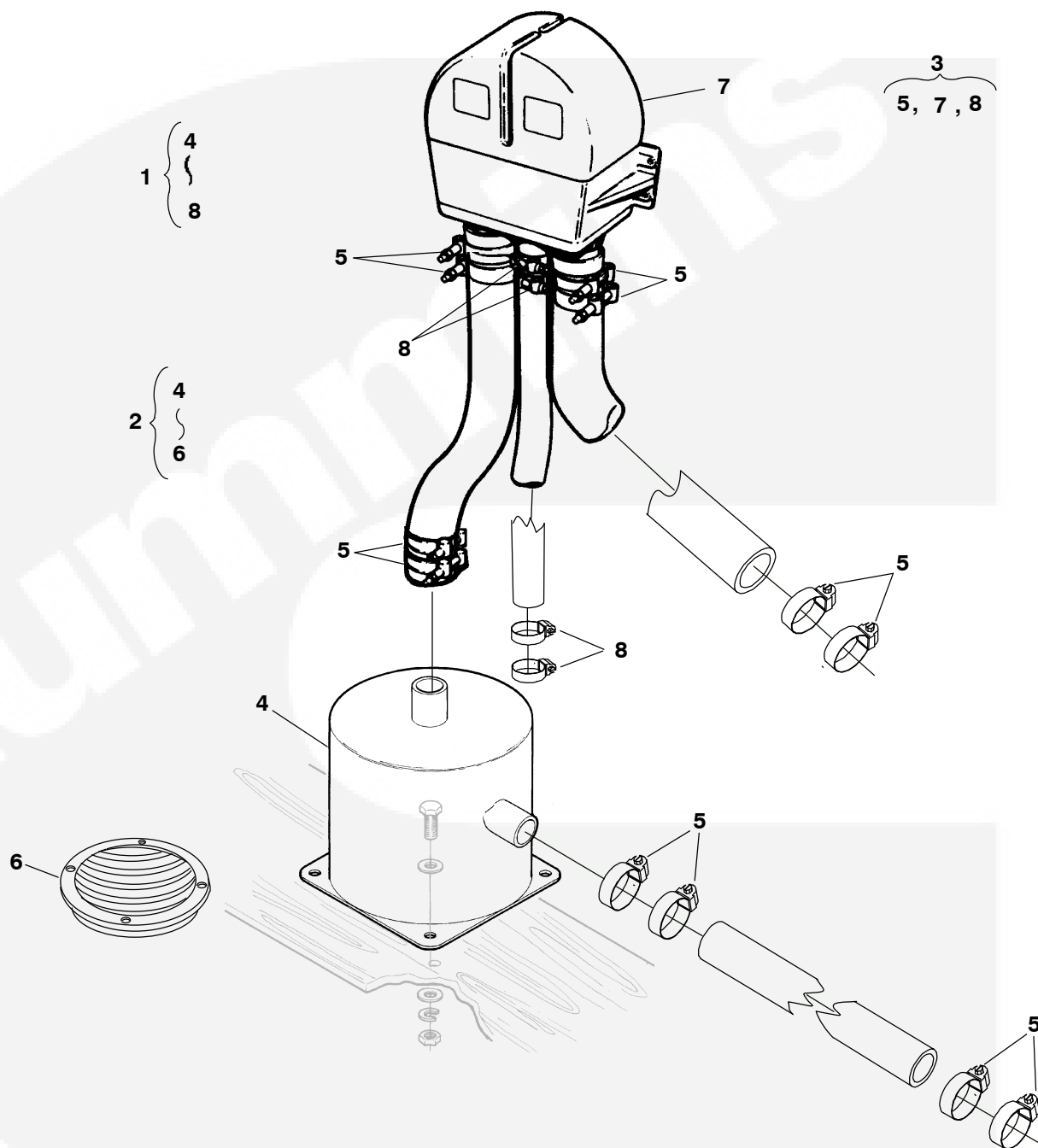
## Belt Guard



REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	130-4870-01	1	Guard, Belt
2	132-0422-02	1	Bracket, Water Pump
3	130-5639-02	1	Bracket, Fan Guard
4	800-3017-19	1	Screw, Hex Head (M8 x 1.25 x 20mm)
5	850-0114-54	2	Washer, Split Lock (M8)
6	526-0399-60	1	Washer, Flat (M8)
7	800-3017-03	2	Screw, Hex Head (M6 x 1 x 16mm)
8	850-0114-53	2	Washer, Split Lock (M6)
9	870-2065-02	1	Nut, Hex (M6 x 1mm)
10	865-0030	3	Nut, Wing



## Water Separator/Muffler



REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	155-3217	1	Kit, Muffler/Separator (Includes Parts Marked *)
2	155-2030	1	Kit, Muffler Marine (Includes Parts Marked +)
3	155-3216	1	Kit, Water Separator (Includes Parts Marked •)
4	155-2029	1	*+ Muffler, Marine
5	503-1142	8	+ Muffler Kit

REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
503-1142		4	• Separator Kit
503-1142		10	* Muffler/Separator Kit
6	155-1002	1	*+ Strainer, Slotted
7	155-3218	1	*• Separator, Water (2")
8	503-1139	4	*• Clamp, Hose (1-1/2")

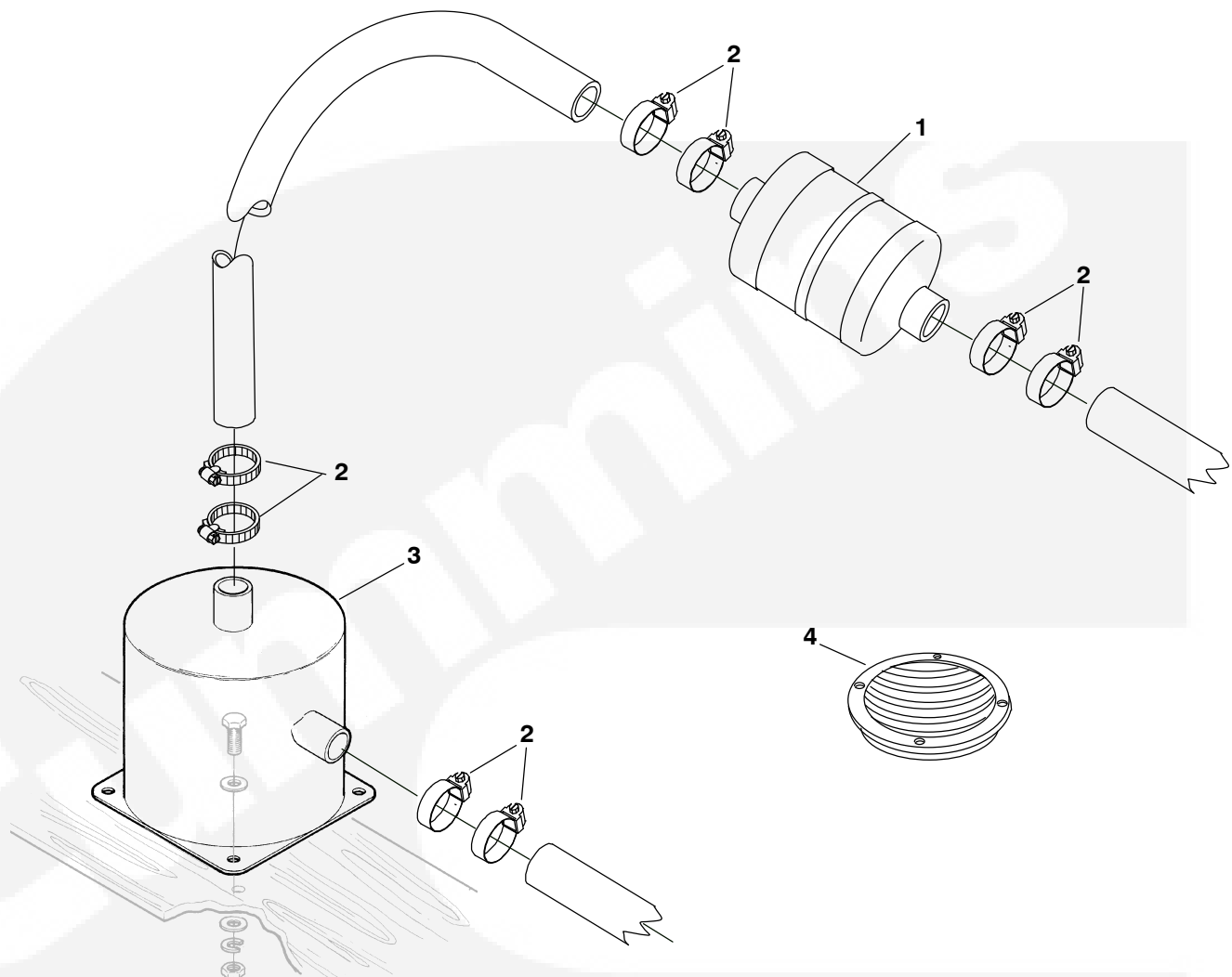
\* - Parts Included in Muffler/Separator Kit.

+ - Parts Included in Muffler Kit.

• - Parts Included in Water Separator Kit



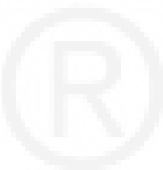
Muffler/Resonator



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	155-3147	1	Kit, Muffler (Includes Parts Marked *)
	155-3239	1	Kit, Resonator (Includes Resonator)
1	155-3149	1	*Resonator (2")

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2	503-1142	12	*Clamp, Hose
3	155-2029	1	*Muffler
4	155-1002	1	*Strainer, Slotted

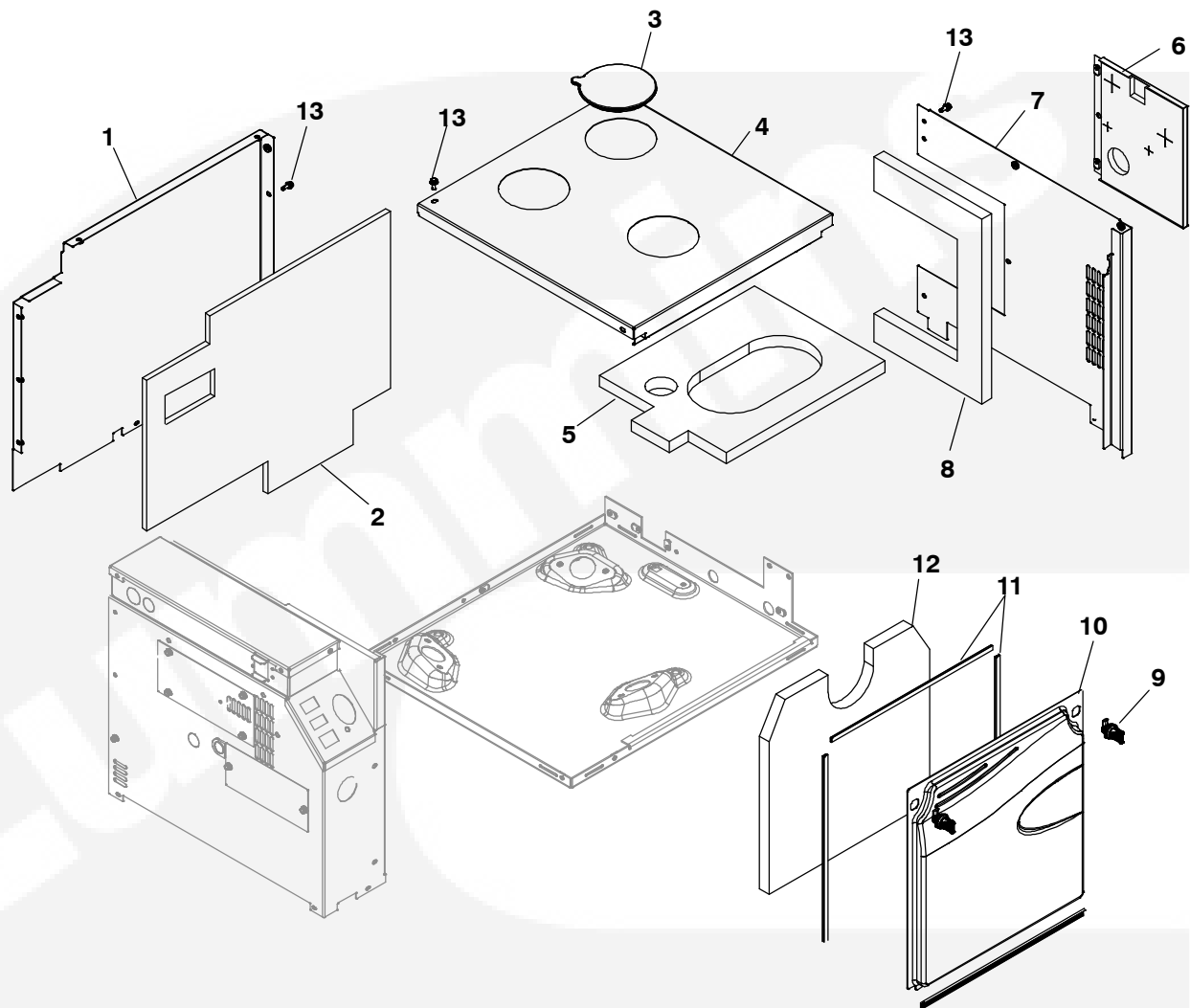
\* – Parts Included in Marine Muffler Kit.



**“Intentional Left Blank”**

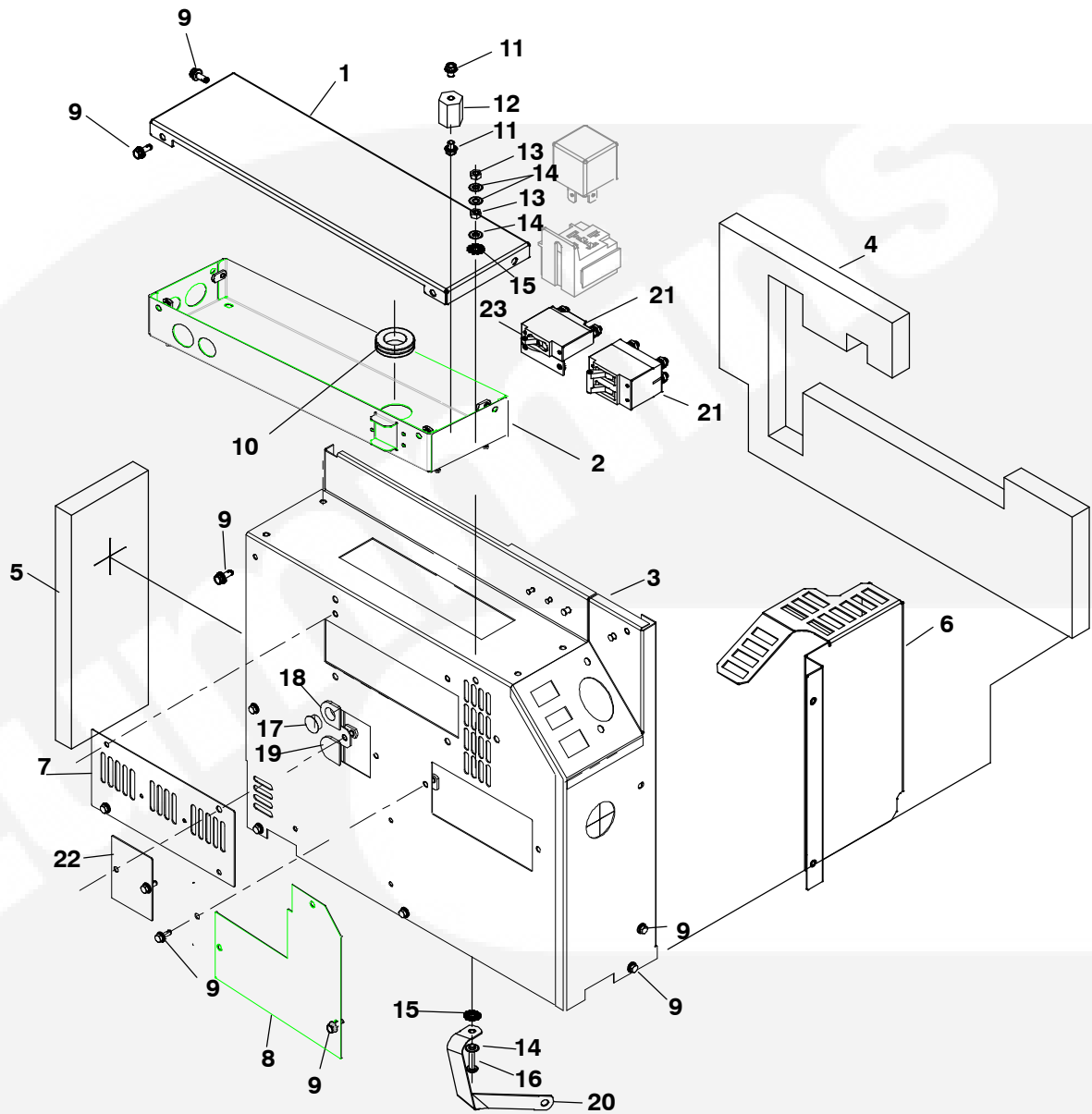


Enclosure



REF NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	405-7708-03	1	Cover, Enclosure	8	405-7114	1	Insulation, Enclosure
2	405-7111	1	Insulation, Enclosure	9	406-0958	2	Latch, Door
3	405-7257	3	Cover, Access	10	405-7107-03	1	Door, Access
4	405-7046-03	1	Panel, Roof	11	895-0395	1	Seal, Weather (4.2')
5	405-7118	1	Insulation, Roof	12	405-7125	1	Insulation, Door
6	405-9938	1	Cover, Enclosure	13	800-6395-01	16	Screw, Hex Head Sems (M6 x 1 x16mm))
7	405-7113-03	1	Cover, Enclosure				

## AC Connection Box



## AC Connection Box

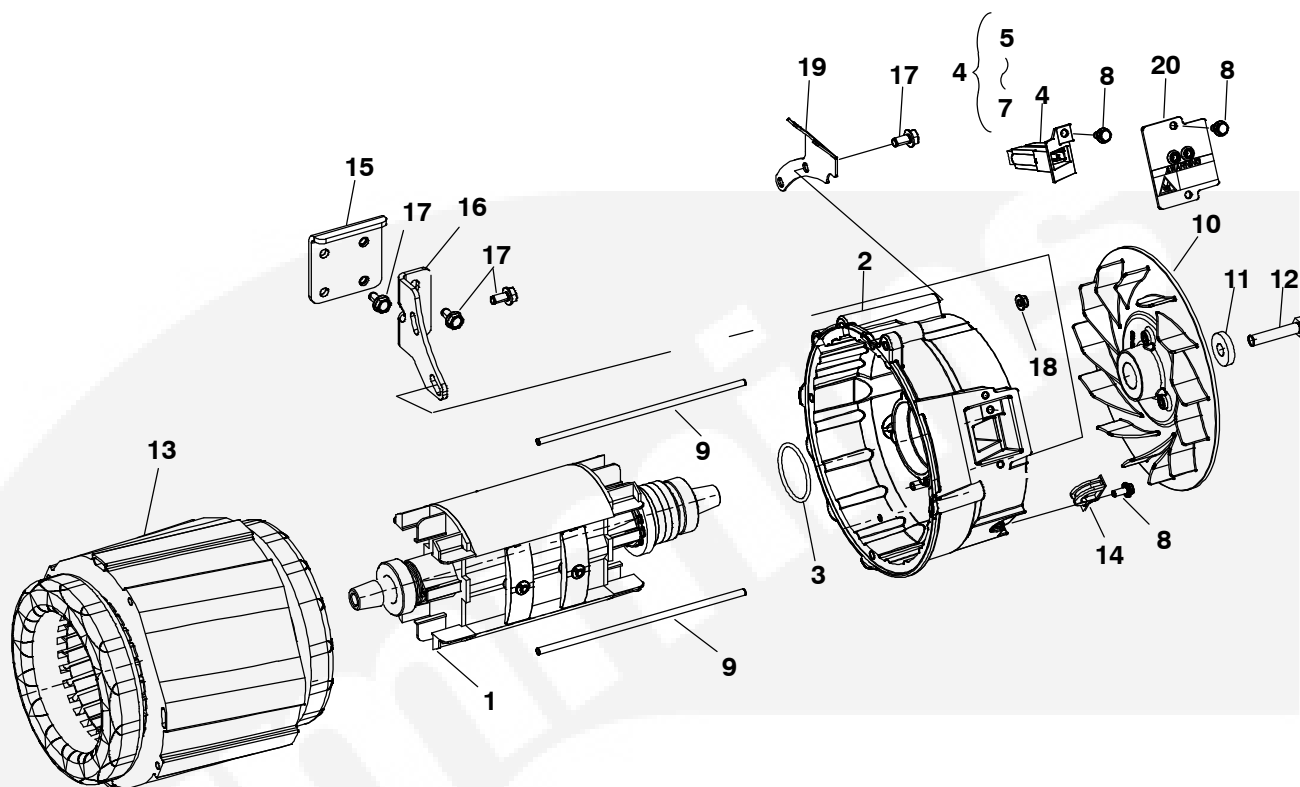
REF NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	405-6791-03	1	Cover, Control Box				
2	405-6790-03	1	Box, Control				
3	405-7992-03	1	Cover, Enclosure	320-2144-01	1		70 Amp MGKBD
4	405-6788	1	Insulation, Housing	320-2144-02	1		85 Amp MGKBC
5	405-7126	1	Insulation, Enclosure				2 Pole
6	130-5605-02	1	Guard, Belt	320-1666-51	1		20 Amp
7	405-7119-03	1	Cover, Access Control	320-1666-52	1		30 Amp
8	404-0752-03	1	Cover, Access (Brush Block)	320-1666-53	1		25 Amp
9	821-6006-01	34	Screw, Hex Head Stainless (M6 x 1.0 x 16mm)	320-1666-54	1		35 Amp
				320-1666-55	1		45 Amp
10	508-0117	1	Grommet (1")	22	405-7691-03	1	Cover, Access
11	800-6395-01	2	Screw (M6 x 1 x 16)	23	320-2161-01	1	Guard, Circuit Breaker (For Single Pole Breaker)
12	332-2370	1	Standoff, Insulator				
13	871-0016	2	Nut, Hex (.25-20UNC)				
14	526-0052	4	Washer, Flat (6.74x 14.3 x 8mm)				
15	856-0006	2	Washer, Locking ETIT (1/4")				
16	810-0155	1	Screw, Round Head (.25-20 x 1.25")				
17	517-0136	1	Plug, Hole				
18	508-1105	1	Grommet, Remote				
19	508-1105-01	1	Grommet, Remote				
20	337-2953	1	◆ Strap, Bond MC				
21			◆ Breaker, Circuit MC 1 Pole				

**⚠ 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, ABYC, and ISO. When MARINE CRITICAL parts are replaced for any reason, use Onan parts that are identified with the part numbers in this book.

**“Intentional Left Blank”**



## Generator

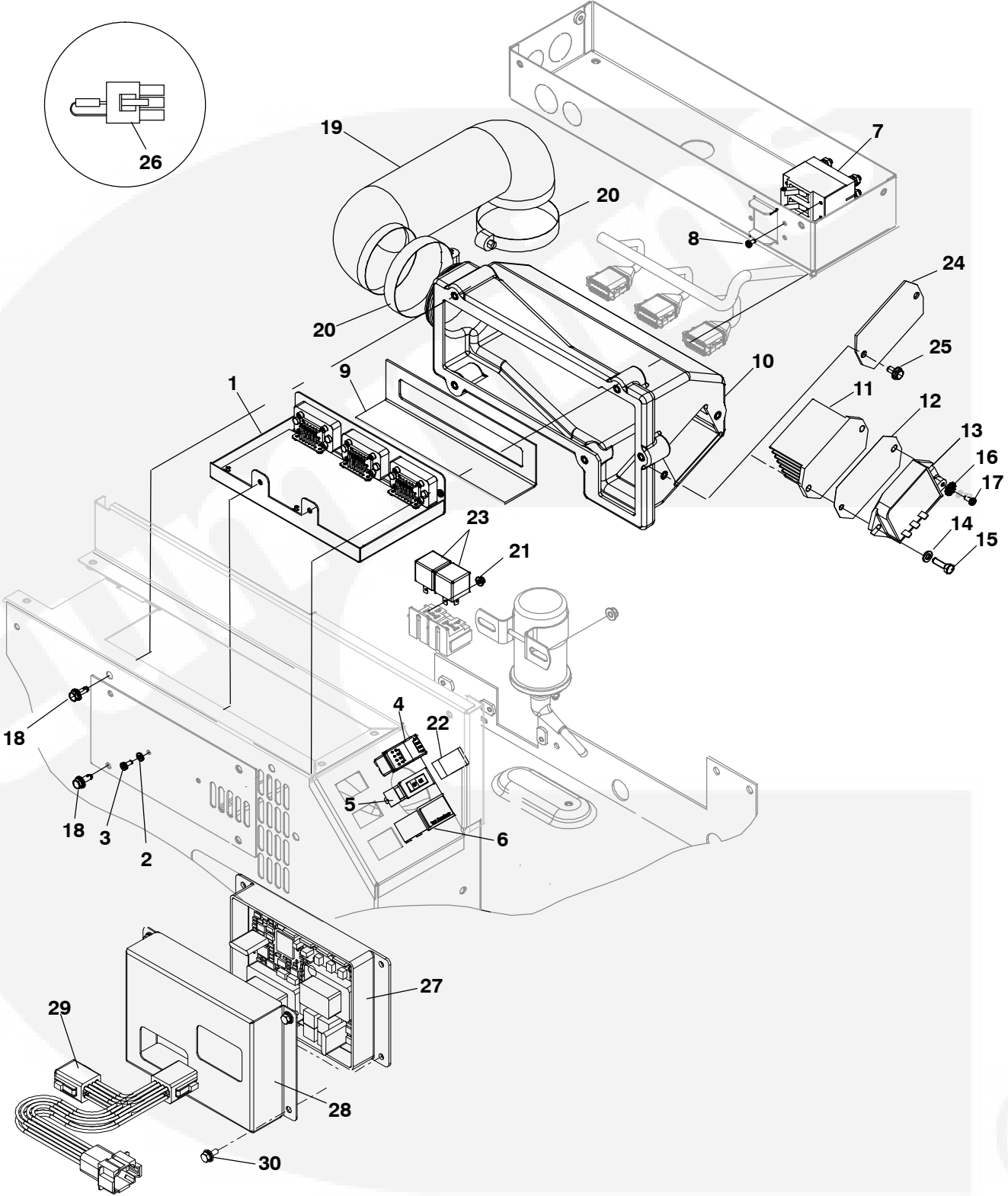


REF NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	201-3607-02	1	◆ Rotor, Generator <b>MC</b> (Includes MGKBC (107 Stack Length)	16			(150 Stack Length Only)
	201-3607-01	1	MGKBD (150 Stack Length)		403-4635-02	1	Bracket, Generator
2	A026E175	1	◆ Endbell, Generator <b>MC</b> (Machine)		403-5155-02	1	107 Stack Length
3	509-0420	1	O'Ring				150 Stack Length
4	212-1303	1	◆ Brush Assy, Block <b>MC</b> (Parts Included *)	17			Screw, Hex Head Cap (M8 x 18mm)
5	212-1304	1	◆ *Block, Brush <b>MC</b>		815-0829-04	6	107 Stack Length
6	214-0109	2	◆ *Brush, Generator <b>MC</b>		815-0829-04	8	150 Stack Length
7	212-1276-03	2	◆ *Spring, Generator Brush <b>MC</b>	18	870-2065-02	4	Nut, Hex Flange (M6)
8	815-0753	4	Screw, Hex Head Tread Form (M6 x 14mm)	19	403-5156-02	1	Bracket, Generator
9			Stud	20	212-1306	1	◆ Cover, Brush Block <b>MC</b>
	520-1032	4	107 Stack Length				
	520-2642-03	4	150 Stack Length				
10	205-0300	1	Fan, Generator				
11	526-0017	1	Flat, Washer				
12	800-2091	1	Screw, Hex Head (M10 x 1.5 x 50mm)				
13			◆ Stator <b>MC</b>				
	220-4610-01	1	107 Stack Length				
	220-4610-04	1	150 Stack Length				
14	508-1265	1	Grommet				
15	403-4632-02	1	Bracket, Generator				

\* - Parts Included in Brush Assy, Block (Not Shown).

**⚠ 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, ABYC, and ISO. When **MARINE CRITICAL** parts are replaced for any reason, use Onan parts that are identified with the part numbers in this book.

Control





## Control

REF NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
	541-1037		♦ Kit, Circuit Breaker (DC Emergency Stop Parts Included +) <b>MC</b>	19	503-2315	1	Hose, Intake
	300-5966		Assy Control (Includes Label and Assy PCB Control)	20	503-2415	2	Clamp, Hose
1			Assy PCB, Control	21	166-0770	2	Nut, Hex Flange
	541-1009	1	Spec A	22	320-1952	1	+ ♦ Boot, Rocker <b>MC</b>
	327-1691	1	Begin Spec B(Replaces 327-1433-01)	23	307-2767	2	♦ Relay, Single Pole Double Throw <b>MC</b>
2	526-0399-54	2	Washer, Flat (M4)	24	305-1005	1	Plate, Regulator (Not used w/ Charger)
3	815-0862	2	Screw, Pan Head Cross Recess (M40 x .7 x 10mm)	25	821-2096-02	2	Screw, Flange (Not used w/ Charger M6 x 1 x 12mm)
4	308-1218	1	♦ Switch, Rocker <b>MC</b> (Replaces 308-1101)	26			Harness, Remote Panel (Terminator)
5	320-1710	1	+ ♦ Circuit, Breaker (DC Supplied with Kit Only) <b>MC</b>		338-4193	1	6 Point Plug
6	302-2048	1	♦ Hourmeter <b>MC</b>		338-4199	1	8 Point Plug
7	-	1	♦ Circuit Breaker <b>MC</b> (See Ac Connection Box)	27			Assy PCB, Control
8	815-0549	4	Screw, Pan Head Cross Recess (6-32 x .25)		327-1659-01	1	NIM / J1939
9	140-3470	1	Gasket, Intake Resonator		327-1659-02	1	NIM / SmartCraft
10	140-3456	1	Resonator, Air Inlet	28	319-5748-03	1	Cover, PCB (NIM)
11	305-0995	1	*Heatsink (Items Included with Battery Charger Only*)	29	338-4491	1	Accessory, Harness (NIM)
12	363-0205	1	*Pad, Heatsink	30	821-6001-01	4	Screw, Hex Head Sems (M5 x 0.8 x 10mm)
13	305-1006	1	♦ *Regulator, Battery Charger <b>MC</b>				
14			Washer, Flat (M6)				
	526-2081	3	* Charger				
	526-2081	1	W/o Charger				
15	800-2034	2	*Screw, Hex Head Battery Charger Only (M6 x 1 x 20mm)				
16	856-0002	1	*Washer, ET Lock (#8)				
17	800-0002-04	1	*Screw, Pan Head Stainless (M4 x .7 x 12mm)				
18	800-6395-01	8	Screw, Hex Head Sems Stainless (M6 x 1x 16mm)				

\* Items Used with Battery Charger Only

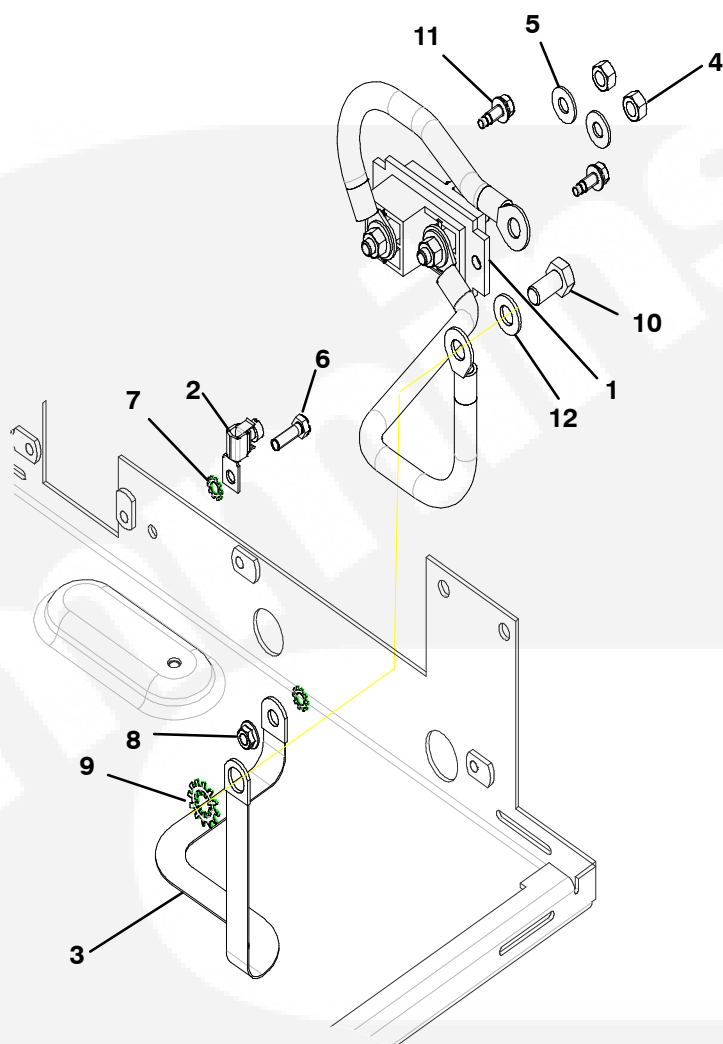
+ Items Used with Circuit Breaker Kit

**⚠ 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.

**“Intentional Left Blank”**



## Battery Harness

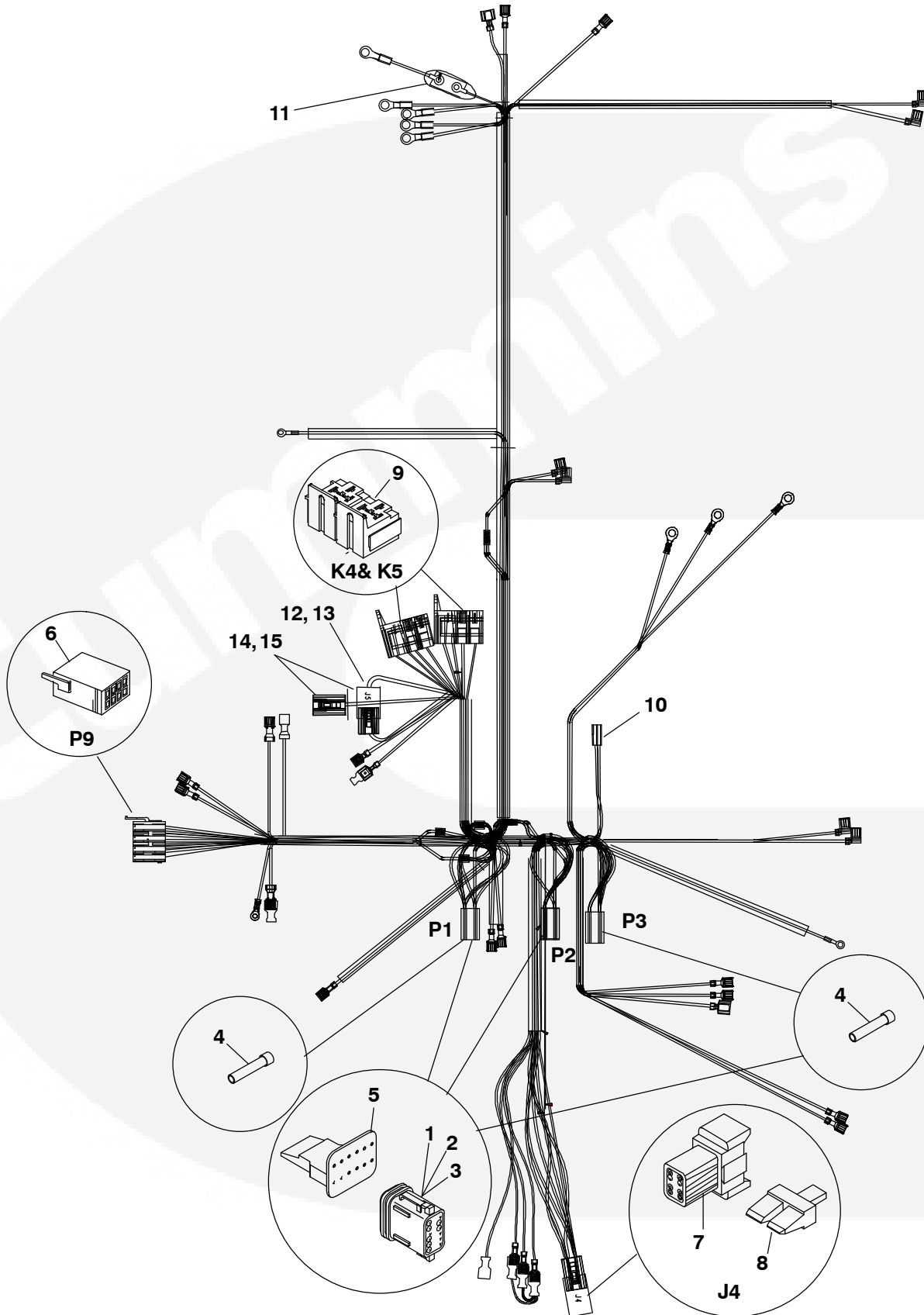


REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	338-4334	1	Harness, Battery
2	332-0142	1	Terminal, Solderless
3	337-2785	1	◆ Strap, Bond <b>MC</b>
4	871-0025	2	Nut, HB Full (5/16-18)
5	526-0054	2	Washer, Flat (8.33ID x 19.05OD)
6	800-2034	1	Screw, Hex Head Sems (M6 x 1 x 20mm)
7	853-0013	2	Washer, ET Locking (1/4")
8	870-2065-02	1	Nut, Hex (M6 x 1mm)
9	856-0010	1	Washer, ETIT Lock (3/8")
10	800-3030	1	Screw, Hex Head (M10 x 1.25 x20mm)
11	800-6395-01	2	Screw, Hex Head Sems

REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
12	526-2120	1	Washer, Flat

**⚠ 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, ABYC, and ISO. When **MARINE CRITICAL** parts are replaced for any reason, use Onan parts that are identified with the part numbers in this book.

## Control Harness



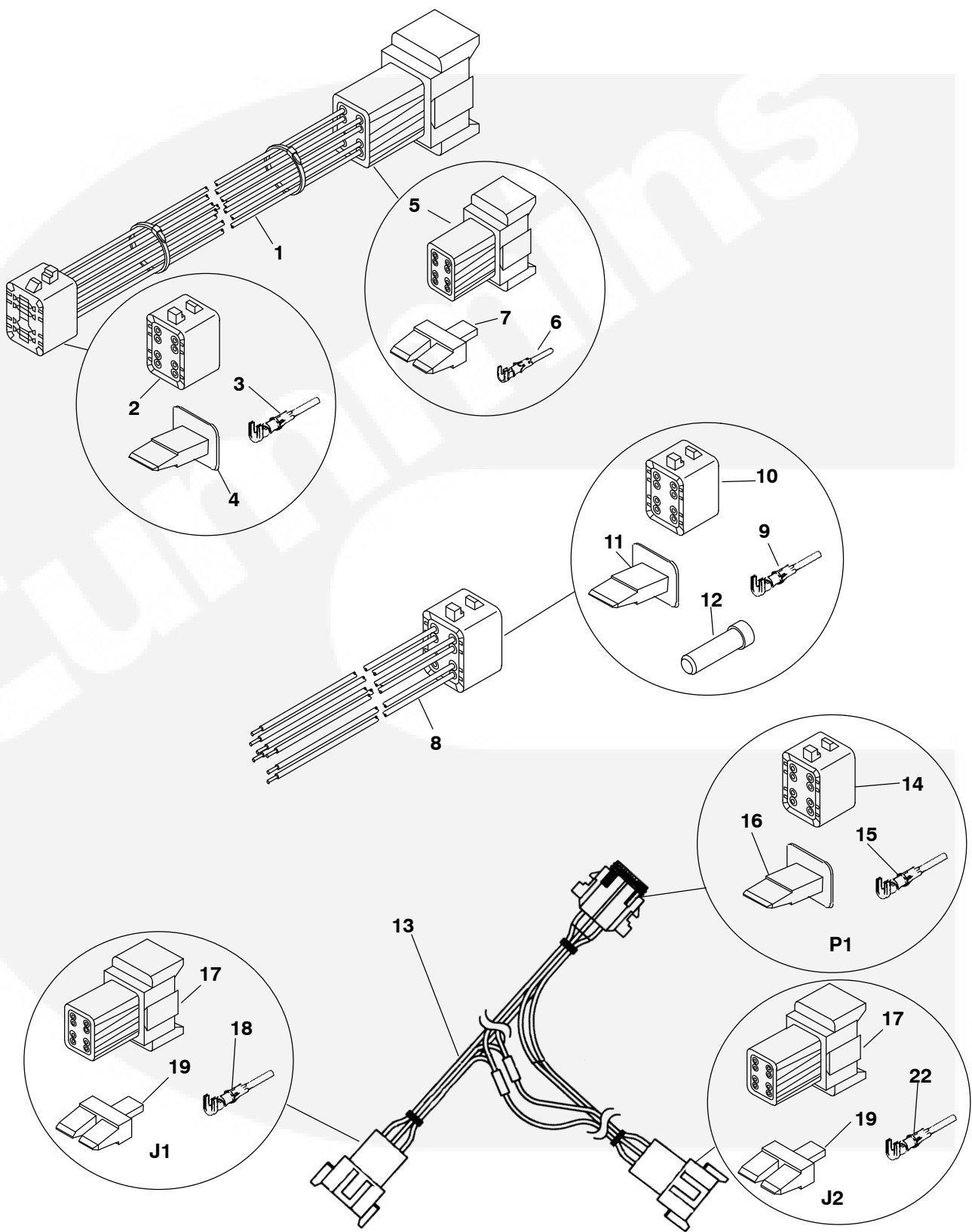
## Control Harness

REF NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
	541-1045	1	♦ Kit, Circuit Breaker (Includes Shrink Wrap Sleeve) <b>MC</b>	12	323-1505	1	Plug 2 Pin
	338-4190	1	♦ Harness, Control <b>MC</b>	13	323-1501	1	Wedge 2 Pin
1	323-1582-06	1	Plug (12 Pin, Black P1)	14	323-1504	2	Plug 2 Pin
2	323-1582-07	1	Plug (12 Pin, Gray P2)	15	323-1500	2	Wedge 2 Pin
3	323-1582-05	1	Plug (12 Pin, Green P3)				
4	323-1591	AR	Plug (P1, P3)				
5	323-1583	3	Plug, Wedge 12 Pin, P1, P2, P3				
6	308-1019	1	Connector, Switch (P9)				
7	323-1542	1	Connector, Receptacle 8 Pin (J4)				
8	323-1544	1	Receptacle, Wedge(J4)				
9	323-1563	2	Socket, Relay				
10	323-1861	1	Housing, Receptacle				
11	320-1928-01	1	*♦ Breaker, Circuit <b>MC</b> (Supplied with Kit Only)				

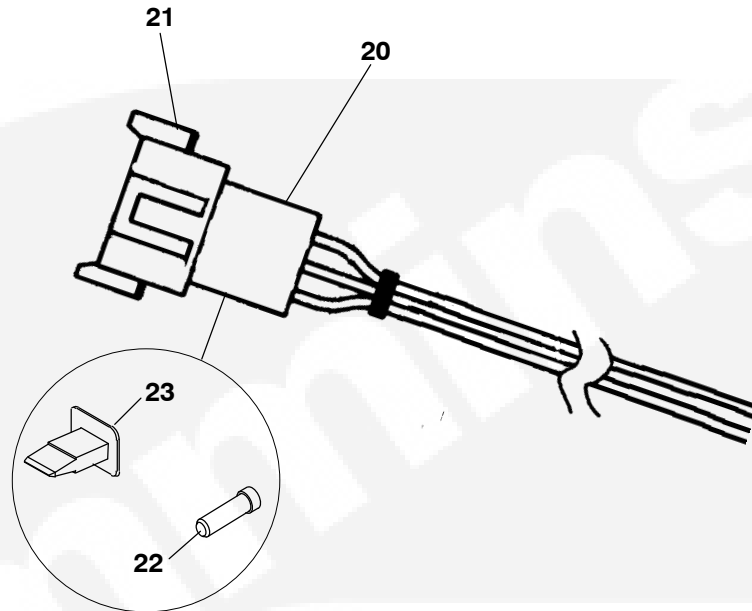
\*- Item to be sleeved with shrink wrapped.

**⚠ 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, ABYC, and ISO. When MARINE CRITICAL parts are replaced for any reason, use Onan parts that are identified with the part numbers in this book.

# Wiring Harnesses



## Wiring Harnesses



REF NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
1			Harness, Remote Extension (Includes Parts Marked #)	13	338-4016	1	Harness, Junction (Includes Parts Marked +)
	338-3167	1	15 feet	14	323-1541	1	±° Plug, Connector (8 Pin)
	338-3168	1	25 feet	15	323-1492	AR	±° Terminal, Socket
	338-3169	1	45 feet	16	323-1543	1	±° Wedge, Plug (8 Pin)
	338-3169-01	1	75 feet	17	323-1542	2	+ Connector, Receptacle (8 Pin)
	338-3169-02	1	100 feet	18	323-1491	AR	@ Terminal, Pin
	338-3169-03	1	150 feet	19	323-1544	2	+ Wedge, Lock, Receptacle (8 Pin)
2	323-1541	1	# Plug (8 Pin)	20	338-4017	1	Harness, Pigtail (Includes Parts Marked @)
3	323-1492	8	# Terminal, Socket	21	323-1542	1	@ Connector, Receptacle (8 Pin)
4	323-1543	1	# Wedge, Plug (8 Pin)	22	323-1491	AR	+ Terminal, Pin
5	323-1542	1	# Receptacle, (8 Pin)	23	323-1544	2	@ Wedge, Lock (8 Pin)
6	323-1491	8	# Terminal, Pin				
7	323-1544	1	# Wedge, Receptacle (8 Pin)				
8	338-3098	1	Harness, Pigtail (8") (Includes Parts Marked *)				
9	323-1492	7	* Terminal, Socket				
10	323-1541	1	* Plug (8 Pin)				
11	323-1543	1	* Wedge, Plug (8 Pin)				
12	323-1591	1	* Plug Connector				

# - Parts Included in Remote Extension Harness.

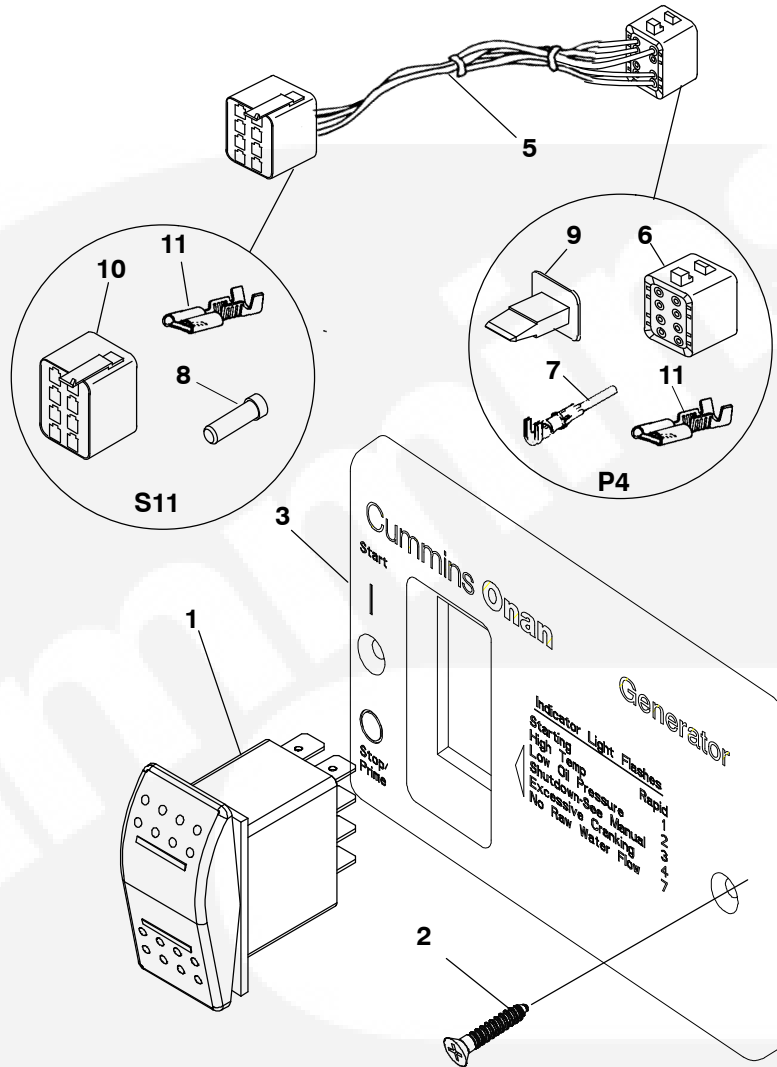
\* - Parts Included in Custom Pigtail Harness.

° - Parts Included in Adapter Harness.

.+ - Parts Included in Junction Harness.

.@ - Parts Included in Pigtail Harness.

## Remote Control Panel



REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
	300-5725-01	1	◆*Kit, Remote Control Panel <b>MC</b>
1	300-5725-01	1	Panel, Remote (Includes Parts Mark *)
2	815-0910	2	Screw, Wood (#6 x 1)
3	319-6990	1	*Panel, Remote (Includes Printing)
4	308-1101	1	◆*Switch, Rocker (S11) <b>MC</b>
5	338-3988	1	*Harness, Remote Panel (Includes Parts Marked +)
6	323-1541	1	+ Plug, (8 Pin)
7	323-1492	6	+ Pin, Contact
8	323-1591	3	+ Plug, Seal
9	323-1543	1	+ Wedge, Plug (8 Pin)
10	308-1019	1	+ Connector, Switch (S11)

REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
---------	----------	-----------	------------------

11	332-2890	6	+ Terminal, Receptacle (.25")
12	98-8081	1	*Label, Warning

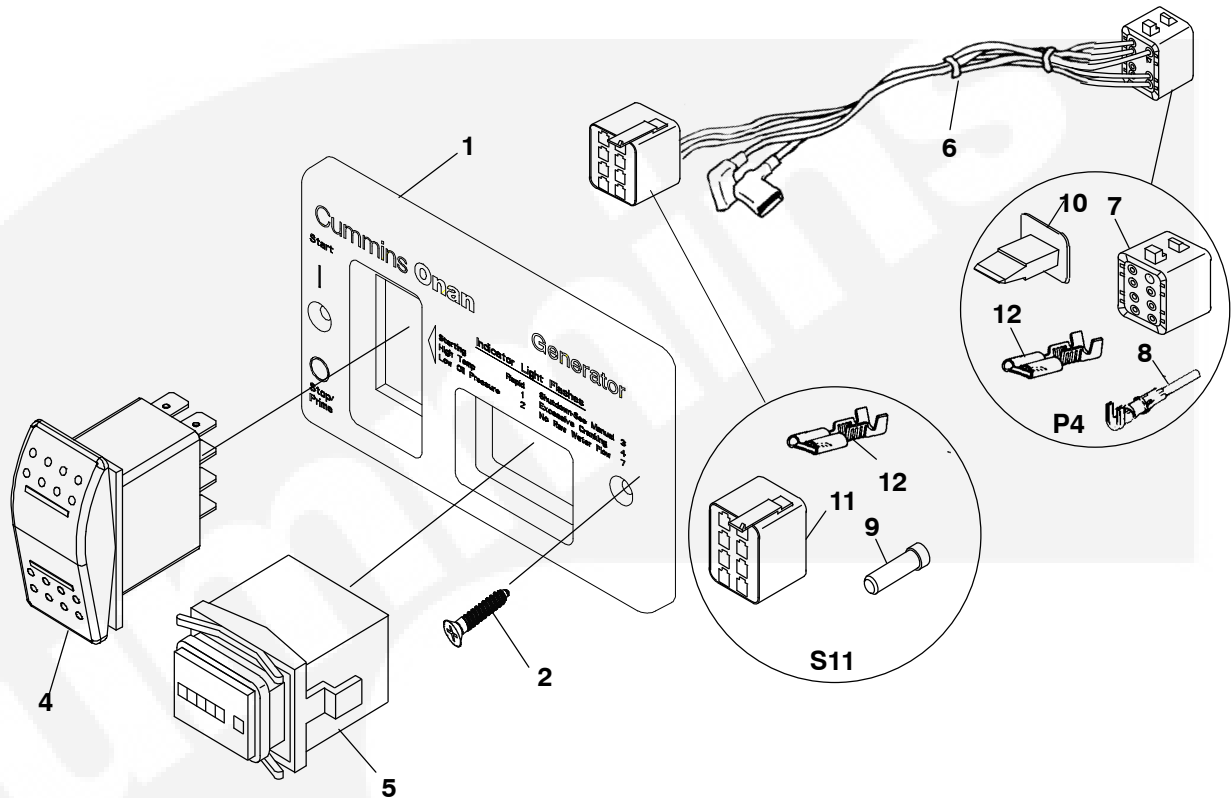
\* - Parts Included in Remote Panel.

+ - Parts Included in Remote Panel Wiring Harness.

**⚠ 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, ABYC, 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/Hourmeter



REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	300-5727-01	1	◆*Kit, Panel, Remote MC
	300-5724-01	1	Panel, Remote (Includes Parts Marked *)
2	815-0910	2	Screw, Wood (#6 x 1)
3	319-6992	1	*Panel, Remote Printed
4	308-1101	1	◆*Switch, Rocker (S11) MC
5	302-2048	1	◆*Hourmeter (M11) MC
6	338-3990	1	*Harness, Remote Panel (Includes Parts Marked +)
7	323-1541	1	+ Plug (8 Pin) (P4)
8	323-1492	6	+ Pin, Contact
9	323-1591	2	+ Plug, Seal
10	323-1543	1	+ Wedge, Plug (8 Pin)
11	308-1019	1	+ Connector, Switch (S11)

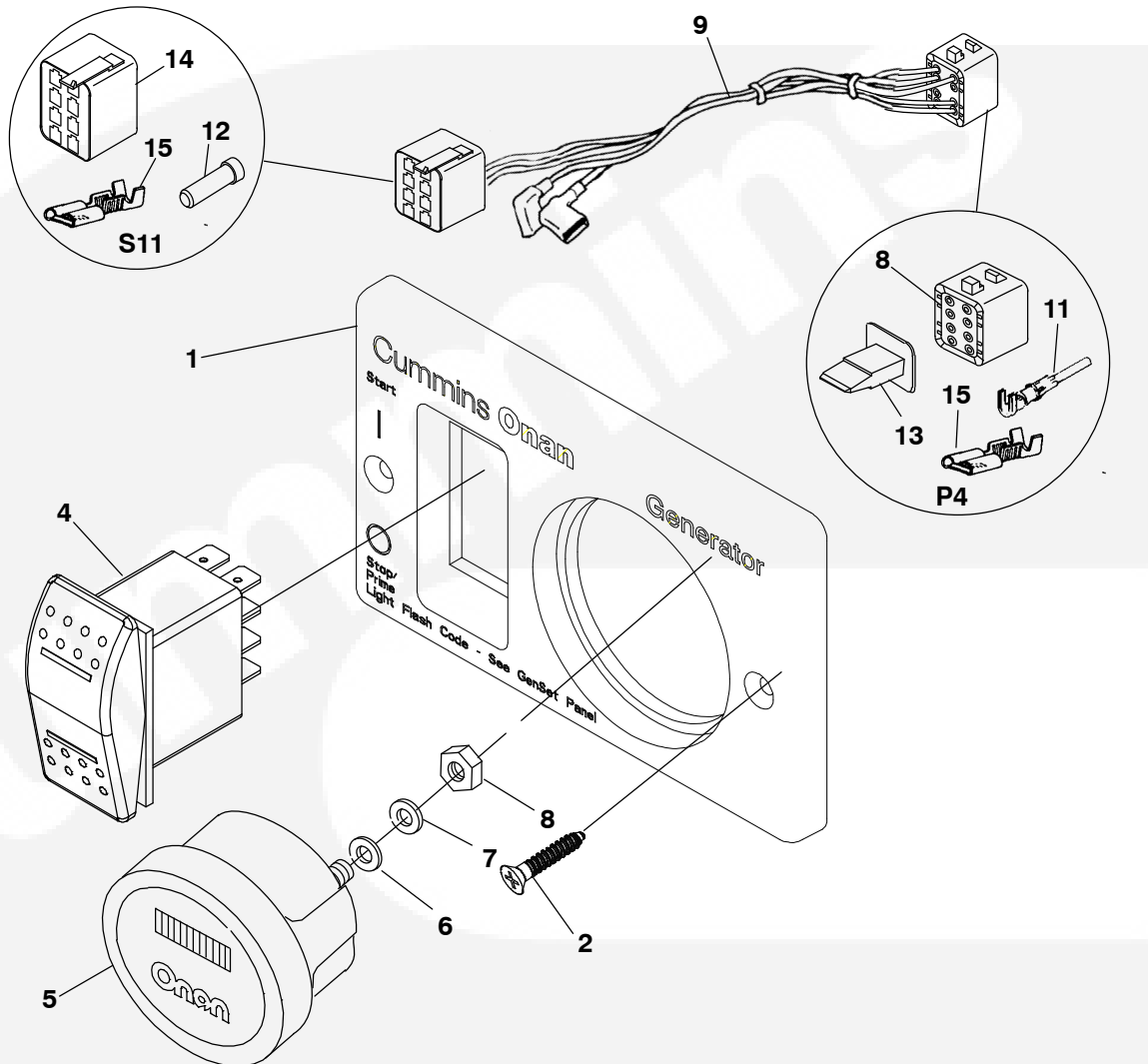
REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
12	332-2890	6	+ Terminal, Receptacle (.25")
13	98-8081	1	*Label, Warning

\* - Parts Included in Remote Panel.

+ - Parts Included in Remote Panel Wiring Harness.

**⚠ 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, ABYC, and ISO. When MARINE CRITICAL parts are replaced for any reason, use Onan parts that are identified with the part numbers in this book.

## Deluxe Remote Control Panel w/Volt Meter



REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
	300-5726-01	1	♦ Kit, Remote Panel MC
1	300-5723-01	1	Panel, Remote (Includes Parts Marked *)
2	815-0910	2	Screw, Wood (#6 x 1)
3	319-4997	1	*Panel, Remote Printed
4	308-1101	1	♦ Switch, Rocker (S11) MC
5	302-2051-01	1	*Meter, Volt (M14)
6	526-0409	2	*Washer, Nylon
7	850-0114-51	2	*Washer, lock
8	860-2025	2	*Nut, Hex (M4 x .7)
9	338-3990	1	*Harness, Remote Panel (Includes Parts Marked +)
10	323-1541	1	+ Plug, (8 Pin) (J4)
11	323-1492	6	+ Pin, Contact
12	323-1591	2	+ Plug, Seal
13	323-1543	1	+ Wedge, Plug (8 Pin)
14	308-1019	1	+ Connector, Switch (S11)

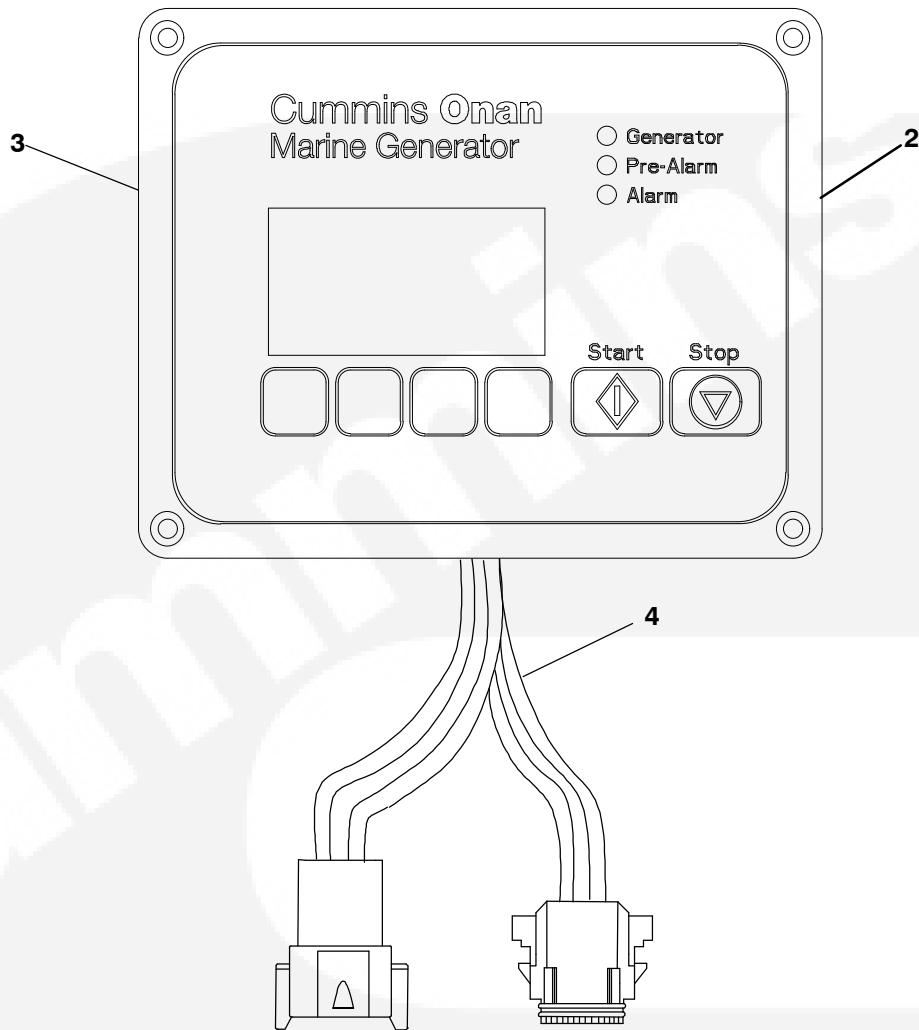
REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
15	332-2890	6	+ Terminal, Receptacle (.25")
16	98-8092	1	#Label, Instruction
17	98-8081	1	#Label, Warning

\* - Parts Included in Remote Panel.

+ - Parts Included in Remote Panel Harness.

**⚠ 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, ABYC, and ISO. When MARINE CRITICAL parts are replaced for any reason, use Onan parts that are identified with the part numbers in this book.

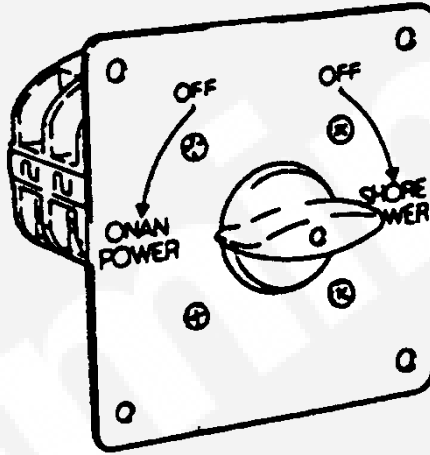
## Remote Control



REF NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
	541-1130	1	Kit, Control Display (Includes LCD Control)				
1	300-6393	1	Control, LCD (Included In LCD Parts*)				
2	319-4784	1	*Box, Control				
3	300-5624	1	*Board, LCD Printed Circuit				
4	338-4181	1	*Harness, Remote Panel				

\* - Parts Included in LCD Control

## Manual Transfer Switch



REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
	308-0269	1	Switch, On Shore/Off Shore Rotary 120V (2 Wire)
	308-0270	1	120/240V (3 Wire)

## Labels, Kits

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
98-8051		1	Label, Warning	98-4798-01		2	Label, Warning
98-8177		1	Label, Control	98-7871		1	Label, Warning
98-7472		1	Label, Warning	98-7990		1	Label, Logo
98-8086		1	Label, Warning	100-3478-09		1	Kit, Cruise
98-8051		1	Label, Warning	332-3771		1	Kit, Battery Terminal Boot (Black and Red)
98-7870		2	Label, Lifting	541-0994		1	Kit, Battery Charger
98-8067		1	Label, Information (No Step)				
98-8049		1	Label, Information				
98-8050		1	Label, Information				

## Numerical Index

<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>
098-4798-01, <b>68</b>		123-2230, <b>23</b>		140-3437, <b>29</b>		154-3163, <b>44</b>	
098-7472, <b>68</b>		123-2231, <b>23</b>		140-3438, <b>29</b>		154-3166, <b>30</b>	
098-7859, <b>68</b>		123-2232, <b>23</b>		140-3439, <b>29</b>		154-3167, <b>30</b>	
098-7870, <b>68</b>		123-2233, <b>23</b>		140-3446, <b>29</b>		154-3168, <b>30</b>	
098-7871, <b>68</b>		123-2322, <b>39</b>		140-3447, <b>29</b>		154-3169, <b>30</b>	
098-7990, <b>68</b>		123-2345, <b>39</b>		140-3456, <b>56</b>		154-3170, <b>30</b>	
098-8049, <b>68</b>		130-3571, <b>35</b>		140-3470, <b>56</b>		155-1002, <b>47 , 48</b>	
098-8050, <b>68</b>		130-3572, <b>35</b>		140-3476, <b>29</b>		155-2029, <b>47 , 48</b>	
098-8051, <b>68</b>		130-3573, <b>35</b>		146-0797, <b>29</b>		155-2030, <b>47</b>	
098-8067, <b>68</b>		130-3574, <b>35</b>		146-0816, <b>29</b>		155-3147, <b>48</b>	
098-8081, <b>63 , 64 , 65</b>		130-3721, <b>44</b>		146-0821, <b>25</b>		155-3149, <b>48</b>	
098-8086, <b>68</b>		130-4870-01, <b>46</b>		146-0836, <b>25</b>		155-3216, <b>47</b>	
098-8092, <b>65</b>		130-5139, <b>37</b>		146-0880, <b>27</b>		155-3217, <b>44 , 47</b>	
098-8177, <b>68</b>		130-5169, <b>37</b>		147-0881, <b>28</b>		155-3218, <b>47</b>	
100-3478-09, <b>68</b>		130-5170, <b>37</b>		149-2341-01, <b>25</b>		155-3239, <b>29 , 48</b>	
101-0826-01, <b>16</b>		130-5491, <b>37</b>		149-2672, <b>25 , 27</b>		155-3720, <b>44</b>	
102-1511, <b>42</b>		130-5605-02, <b>52</b>		149-2673, <b>27</b>		155-4065, <b>44</b>	
102-1512, <b>42</b>		130-5639-02, <b>46</b>		149-2684-02, <b>28</b>		166-0770, <b>56</b>	
103-0830, <b>24</b>		130-5927, <b>31</b>		149-2685, <b>27 , 28</b>		166-0891, <b>18 , 19</b>	
103-0831, <b>24</b>		130-5928, <b>31</b>		149-2686-02, <b>28</b>		166-0892, <b>19</b>	
104-1967-03, <b>16</b>		130-5929, <b>32</b>		149-2698, <b>25 , 27</b>		166-0893, <b>19</b>	
104-2009, <b>11</b>		132-0398, <b>34</b>		149-2705, <b>28</b>		166-0894, <b>19</b>	
104-2010, <b>8</b>		132-0399, <b>34</b>		150-2789, <b>26</b>		166-0895, <b>19</b>	
110-3943, <b>7</b>		132-0400, <b>34</b>		150-2793, <b>26</b>		166-0896, <b>20</b>	
110-3944, <b>21</b>		132-0406, <b>34</b>		150-2812, <b>12</b>		166-0897, <b>20</b>	
110-3945, <b>21</b>		132-0407, <b>34</b>		150-2813, <b>12</b>		167-1644, <b>18</b>	
110-3946, <b>22</b>		132-0408, <b>34</b>		150-2814, <b>12</b>		167-1645, <b>18</b>	
112-0294, <b>9</b>		132-0410, <b>34</b>		150-2815, <b>12</b>		167-1646, <b>18</b>	
112-0295, <b>9</b>		132-0411-01, <b>33</b>		150-2816, <b>13</b>		167-1647, <b>18</b>	
112-0296, <b>9</b>		132-0415, <b>33</b>		150-2817, <b>13</b>		167-1648, <b>18</b>	
112-0297, <b>9</b>		132-0422-02, <b>46</b>		150-2818, <b>13</b>		167-1649, <b>18</b>	
114-0409, <b>9</b>		132-0428, <b>33 , 34</b>		150-2819, <b>13</b>		184-0015, <b>24</b>	
114-0410, <b>9</b>		132-0429, <b>34</b>		150-2820, <b>14</b>		184-0036, <b>32</b>	
114-0411, <b>9</b>		132-0430, <b>33</b>		150-2821, <b>14</b>		185-2021, <b>8</b>	
115-0506, <b>23</b>		132-0431, <b>32</b>		150-2822, <b>14</b>		185-2022, <b>8</b>	
116-0898, <b>18</b>		132-0432, <b>32</b>		150-2824, <b>26</b>		185-2023, <b>8</b>	
1193-0244, <b>39</b>		140-3337, <b>29</b>		150-2825, <b>26</b>		185-2026, <b>8</b>	
120-1348, <b>42</b>		140-3431, <b>29</b>		154-3117-01, <b>44</b>		185-2028, <b>8</b>	

## Numerical Index

<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>
185-2029, 8		185-5410, 24		185-5553, 22		185-5826, 31	
185-2030, 8		185-5412, 40		185-5554, 10		185-5966, 23	
185-2031, 8		185-5413, 40		185-5555, 10		185-6320, 12 , 13	
185-2094, 7		185-5414, 40		185-5558, 10		185-6450, 32	
185-2115, 7		185-5415, 40		185-5559, 10		185-6490, 31	
185-2124, 24		185-5416, 40		185-5560, 10		185-6667, 31	
185-2163, 12		185-5438, 11		185-5561, 10		185-6711, 24	
185-2173, 14		185-5482, 7		185-5562, 10		185-6818, 42	
185-2188, 7 , 21		185-5483, 7		185-5563, 10		185-6852, 44	
185-2233, 7		185-5484, 7		185-5564, 10		185-6919, 10	
185-2234, 7		185-5485, 7		185-5565, 10		185-6956, 42	
185-2235, 31		185-5487, 7		185-5570, 9		185-6957, 25	
185-2239, 30		185-5488, 7		185-5572, 9		185-6999, 14	
185-2284, 12 , 13 , 23		185-5491, 40		185-5573, 9		185-7069, 24	
185-2351, 22		185-5500, 21		185-5575, 8		185-7080, 13	
185-2353, 8 , 12		185-5501, 21		185-5576, 8		185-7083, 36	
185-2357, 12		185-5503, 21		185-5577, 8		185-7085, 22	
185-2367, 25		185-5505, 24		185-5578, 8		185-7086, 22	
185-2386, 10 , 12 , 22 , 42		185-5507, 24 , 30		185-5579, 8		185-7166, 13	
185-2387, 10 , 12		185-5508, 24		185-5583, 8		185-7382, 24	
185-2388, 10 , 30 , 31		185-5509, 24		185-5587, 16		185-7383, 11	
185-2389, 13 , 24		185-5510, 24		185-5629, 12		185-7385, 10	
185-2390, 11		185-5515, 11		185-5631, 12		185-7393, 31	
185-2391, 30		185-5516, 11		185-5632, 12		185-7395, 22	
185-2393, 14		185-5517, 11		185-5633, 12		185-7407, 8	
185-2397, 24		185-5519, 11		185-5635, 12		185-7415, 8	
185-2398, 24		185-5523, 23		185-5704, 14		185-7416, 31	
185-2411, 21		185-5529, 23		185-5707, 36		185-7421, 42	
185-2413, 21		185-5537, 22		185-5709, 8 , 36		185-7426, 23	
185-2559, 11 , 31 , 32		185-5539, 22		185-5712, 32		185-7444, 24	
185-2572, 24 , 36		185-5540, 22		185-5713, 32		190-0757, 16	
185-3770, 25		185-5541, 22		185-5719, 31		191-2229, 17	
185-4255, 22		185-5542, 22		185-5727, 13		193-0388, 26	
185-5348, 22		185-5546, 22		185-5732, 23		201-3607-01, 54	
185-5357, 8		185-5547, 22		185-5798, 10		201-3607-02, 54	
185-5360, 8		185-5550, 22		185-5807, 23		205-0300, 54	
185-5361, 8		185-5551, 22		185-5808, 11		212-1276-03, 54	
185-5407, 23		185-5552, 22		185-5809, 10		212-1303, 54	

## Numerical Index

<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>
212-1304, <b>54</b>		320-1928-01, <b>60</b>		338-3169-02, <b>62</b>		405-7257, <b>50</b>	
212-1306, <b>54</b>		320-1952, <b>56</b>		338-3169-03, <b>62</b>		405-7388, <b>16</b>	
214-0109, <b>54</b>		320-2144-01, <b>52</b>		338-3988, <b>63</b>		405-7389, <b>16</b>	
220-4610-01, <b>54</b>		320-2144-02, <b>52</b>		338-3990, <b>64 , 65</b>		405-7394, <b>27</b>	
220-4610-04, <b>54</b>		320-2161-01, <b>52</b>		338-4016, <b>62</b>		405-7691-03, <b>52</b>	
232-4111, <b>16</b>		323-1491, <b>62</b>		338-4017, <b>62</b>		405-7708-03, <b>50</b>	
300-5624, <b>66</b>		323-1492, <b>62 , 63 , 64 , 65</b>		338-4181, <b>66</b>		405-7992-03, <b>52</b>	
300-5723-01, <b>65</b>		323-1500, <b>60</b>		338-4190, <b>60</b>		405-9938, <b>50</b>	
300-5724-01, <b>64</b>		323-1501, <b>60</b>		338-4193, <b>56</b>		406-0958, <b>50</b>	
300-5725-01, <b>63</b>		323-1504, <b>60</b>		338-4199, <b>56</b>		501-0799, <b>28</b>	
300-5726-01, <b>65</b>		323-1505, <b>60</b>		338-4334, <b>58</b>		502-0002, <b>28</b>	
300-5727-01, <b>64</b>		323-1541, <b>62 , 63 , 64 , 65</b>		338-4491, <b>56</b>		502-0020-01, <b>28 , 39</b>	
300-5966, <b>56</b>		323-1542, <b>60 , 62</b>		363-0205, <b>56</b>		502-0432, <b>29</b>	
300-6393, <b>66</b>		323-1543, <b>62 , 63 , 64 , 65</b>		402-0728, <b>45</b>		502-0691-01, <b>25</b>	
302-2048, <b>56 , 64</b>		323-1544, <b>60 , 62</b>		402-0728-03, <b>45</b>		502-0917, <b>39</b>	
302-2051-01, <b>65</b>		323-1563, <b>60</b>		403-4605, <b>45</b>		502-0942, <b>33</b>	
305-0995, <b>56</b>		323-1582-05, <b>60</b>		403-4632-02, <b>54</b>		502-0943, <b>28</b>	
305-1005, <b>56</b>		323-1582-06, <b>60</b>		403-4635-02, <b>54</b>		502-1108-01, <b>25</b>	
305-1006, <b>56</b>		323-1582-07, <b>60</b>		403-4653-02, <b>45</b>		502-1209, <b>28</b>	
307-2767, <b>56</b>		323-1583, <b>60</b>		403-4773-02, <b>16</b>		502-1349-01, <b>39</b>	
308-0269, <b>67</b>		323-1591, <b>60 , 62 , 63 , 64 , 65</b>		403-5155-02, <b>54</b>		502-1359, <b>39</b>	
308-0270, <b>67</b>		323-1861, <b>60</b>		403-5156-02, <b>54</b>		502-1360, <b>39</b>	
308-1019, <b>60 , 63 , 64 , 65</b>		327-1659-01, <b>56</b>		404-0752-03, <b>52</b>		502-1425-02, <b>38</b>	
308-1101, <b>63 , 64 , 65</b>		327-1659-02, <b>56</b>		405-4904-02, <b>16</b>		502-1463, <b>38</b>	
308-1218, <b>56</b>		327-1691, <b>56</b>		405-6580-02, <b>45</b>		502-1465, <b>28</b>	
309-0597-01, <b>44</b>		332-0142, <b>58</b>		405-6776, <b>45</b>		502-1467, <b>28</b>	
309-0667, <b>37</b>		332-2370, <b>52</b>		405-6788, <b>52</b>		503-0977, <b>38</b>	
319-4784, <b>66</b>		332-2890, <b>63 , 64 , 65</b>		405-6790-03, <b>52</b>		503-1135, <b>33 , 37</b>	
319-4997, <b>65</b>		332-3771, <b>68</b>		405-6791-03, <b>52</b>		503-1136, <b>37</b>	
319-5748-03, <b>56</b>		337-2785, <b>58</b>		405-7046-03, <b>50</b>		503-1137, <b>29</b>	
319-6990, <b>63</b>		337-2953, <b>52</b>		405-7107-03, <b>50</b>		503-1139, <b>47</b>	
319-6992, <b>64</b>		338-3098, <b>62</b>		405-7111, <b>50</b>		503-1142, <b>44 , 47 , 48</b>	
320-1666-51, <b>52</b>		338-3167, <b>62</b>		405-7113-03, <b>50</b>		503-1692, <b>35</b>	
320-1666-52, <b>52</b>		338-3168, <b>62</b>		405-7114, <b>50</b>		503-2160, <b>37</b>	
320-1666-53, <b>52</b>		338-3169, <b>62</b>		405-7118, <b>50</b>		503-2162, <b>37</b>	
320-1666-54, <b>52</b>		338-3169-01, <b>62</b>		405-7119-03, <b>52</b>		503-2177, <b>44</b>	
320-1666-55, <b>52</b>				405-7125, <b>50</b>		503-2221, <b>37</b>	
320-1710, <b>56</b>				405-7126, <b>52</b>		503-2301, <b>37</b>	



## Numerical Index

<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>
503-2305, <b>29</b>		510-0210, <b>13</b>		541-0994, <b>68</b>		821-2096-02, <b>56</b>	
503-2308, <b>27</b>		510-0211, <b>13</b>		541-1009, <b>56</b>		821-6001-01, <b>56</b>	
503-2309, <b>38</b>		511-0196, <b>16</b>		541-1034, <b>39</b>		821-6002-02, <b>28</b>	
503-2315, <b>56</b>		511-0202, <b>16</b>		541-1037, <b>56</b>		821-6003-01, <b>45</b>	
503-2400, <b>33</b>		511-0206, <b>33</b>		541-1045, <b>60</b>		821-6006-01, <b>52</b>	
503-2402, <b>27</b>		512-0204-01, <b>16</b>		541-1130, <b>66</b>		850-0114-51, <b>65</b>	
503-2405, <b>28</b>		512-0205-01, <b>16</b>		725-1027, <b>39</b>		850-0114-53, <b>46</b>	
503-2415, <b>56</b>		512-0248, <b>16</b>		725-1050, <b>37</b>		850-0114-54, <b>33 , 46</b>	
503-2429, <b>18</b>		512-0257, <b>16</b>		800-0002-04, <b>56</b>		851-0045, <b>16</b>	
503-2430, <b>18</b>		517-0136, <b>52</b>		800-0317, <b>37</b>		851-0047, <b>18</b>	
503-2431, <b>31</b>		517-0363, <b>18</b>		800-2034, <b>16 , 56 , 58</b>		853-0013, <b>58</b>	
503-2432, <b>31</b>		518-0548-05, <b>27</b>		800-2040, <b>29</b>		856-0002, <b>56</b>	
503-2788-01, <b>38</b>		518-0717, <b>18</b>		800-2057, <b>16</b>		856-0006, <b>16 , 52</b>	
503-2807, <b>27</b>		518-0718, <b>18</b>		800-2065, <b>33</b>		856-0010, <b>58</b>	
503-2823, <b>44</b>		518-0752, <b>33</b>		800-2066, <b>29</b>		860-2025, <b>65</b>	
504-0206, <b>39</b>		520-1021, <b>44</b>		800-2091, <b>54</b>		865-0030, <b>46</b>	
504-0223, <b>38</b>		520-1032, <b>54</b>		800-2093, <b>16</b>		870-0221-01, <b>44</b>	
505-1567, <b>26</b>		520-2642-03, <b>54</b>		800-3006, <b>45</b>		870-2055, <b>17</b>	
505-2107, <b>28</b>		520-2646, <b>25</b>		800-3017-02, <b>26</b>		870-2065-02, <b>16 , 20 , 28 , 44 , 46 , 54 , 58</b>	
505-2122, <b>28</b>		526-0017, <b>16 , 54</b>		800-3017-03, <b>46</b>		871-0010, <b>26</b>	
506-0003, <b>26</b>		526-0030, <b>45</b>		800-3017-04, <b>44</b>		871-0016, <b>52</b>	
506-0009, <b>13</b>		526-0049, <b>26</b>		800-3017-19, <b>46</b>		871-0025, <b>58</b>	
506-0012, <b>26</b>		526-0052, <b>52</b>		800-3030, <b>58</b>		895-0395, <b>50</b>	
507-0004, <b>12</b>		526-0054, <b>58</b>		800-6314, <b>13</b>		898-1311-03, <b>33</b>	
508-0117, <b>52</b>		526-0324, <b>45</b>		800-6315, <b>30</b>		A026E175, <b>54</b>	
508-1102, <b>38</b>		526-0399-06, <b>37</b>		800-6395-01, <b>27 , 29 , 39 , 50 , 52 , 56 , 58</b>			
508-1105, <b>52</b>		526-0399-54, <b>56</b>		802-2540, <b>18</b>			
508-1105-01, <b>52</b>		526-0399-58, <b>29 , 44</b>		810-0155, <b>52</b>			
508-1265, <b>54</b>		526-0399-60, <b>46</b>		815-0549, <b>56</b>			
509-0351, <b>37</b>		526-0409, <b>65</b>		815-0657, <b>16</b>			
509-0380, <b>8</b>		526-2080, <b>16</b>		815-0753, <b>16 , 54</b>			
509-0381, <b>11</b>		526-2081, <b>39 , 56</b>		815-0781, <b>17</b>			
509-0382, <b>13</b>		526-2100, <b>16</b>		815-0829-04, <b>54</b>			
509-0383, <b>19</b>		526-2120, <b>16 , 45 , 58</b>		815-0842-09, <b>45</b>			
509-0384, <b>19</b>		541-0876-02, <b>38</b>		815-0862, <b>56</b>			
509-0420, <b>16 , 54</b>		541-0980, <b>9</b>		815-0910, <b>63 , 64 , 65</b>			
510-0163, <b>12</b>		541-0981, <b>9</b>		815-0941-04, <b>16</b>			
510-0209, <b>13</b>		541-0990, <b>25</b>		821-2035, <b>29</b>			

# Cummins **Onan**

## **Cummins Power Generation**

1400 73rd Ave. NE  
Minneapolis, MN 55432 USA

Phone 1 763 574 5000

Toll-free 1 800 888 6626

Fax 1 763 574 5298

Email [www.cumminsonan.com/contact](http://www.cumminsonan.com/contact)  
[www.cumminsonan.com](http://www.cumminsonan.com)

Cummins®, Onan®, the "C" logo, and "Performance you rely on." are trademarks of Cummins Inc.

© 2011 Cummins Power Generation, Inc. All rights reserved.

