



Parts Manual

Cummins **Onan**

Performance you rely on.™



Commercial Mobile Generator Set

DKHA (Spec 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/Cummins 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/Cummins 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!

Introduction

This parts catalog applies to the standard generator sets 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. Right and left sides are determined by facing the engine end (front) of the set.

Generator Set Data Table

Model Identification	Fuel	Wiring Diagram	Voltage	Hertz	Phase
4DKHA 6204A/B	Diesel	630-3368	120	60	1
4DKHA 7108A/B	Diesel	630-3368	120	60	1
4DKHA 7289B	Diesel	630-3368	120	60	1
4DKHA 7290B	Diesel	630-3368	120	60	1

* – The specification number denotes customer requested options or deviations from a standard (1A, 1B, etc.) model. The specification letter advances (A, to B, to C, etc.) with major manufacturing changes. For Air Conditioning Parts Contact RVP Products 316-219-4567.

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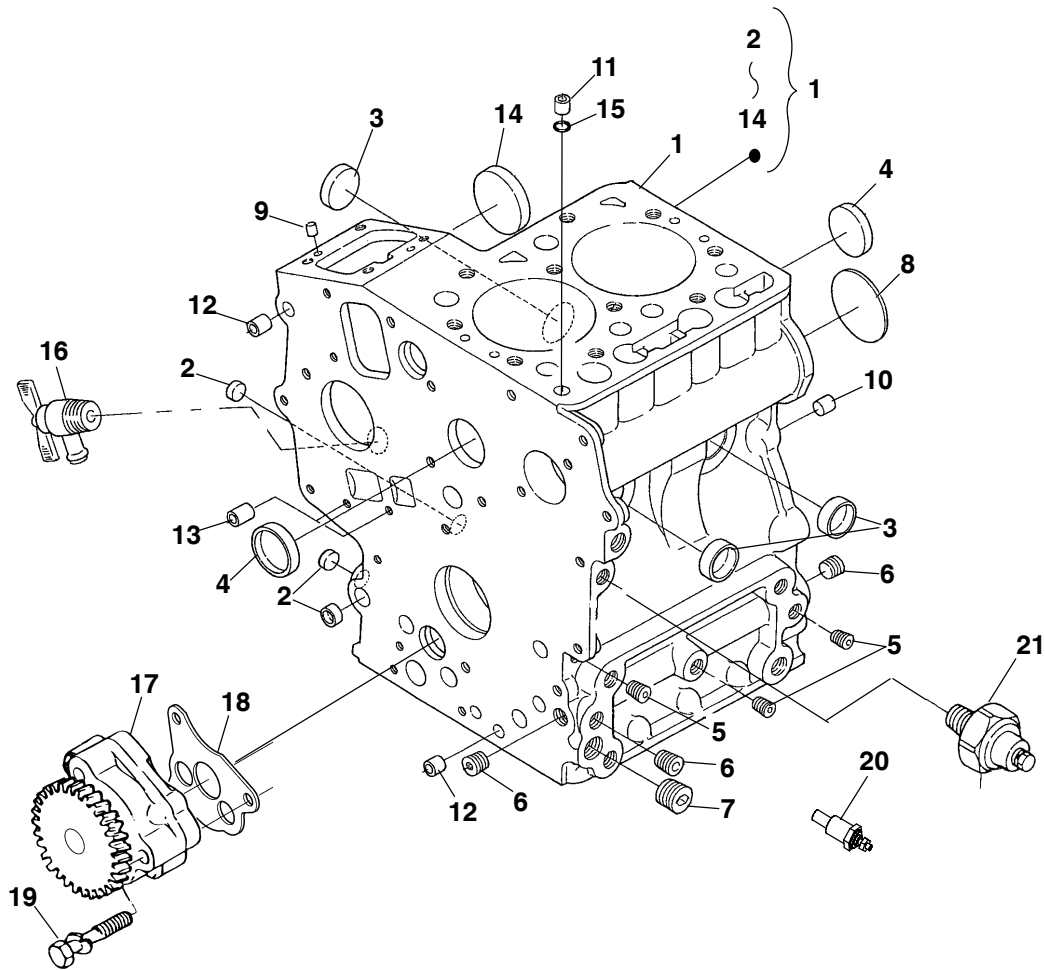
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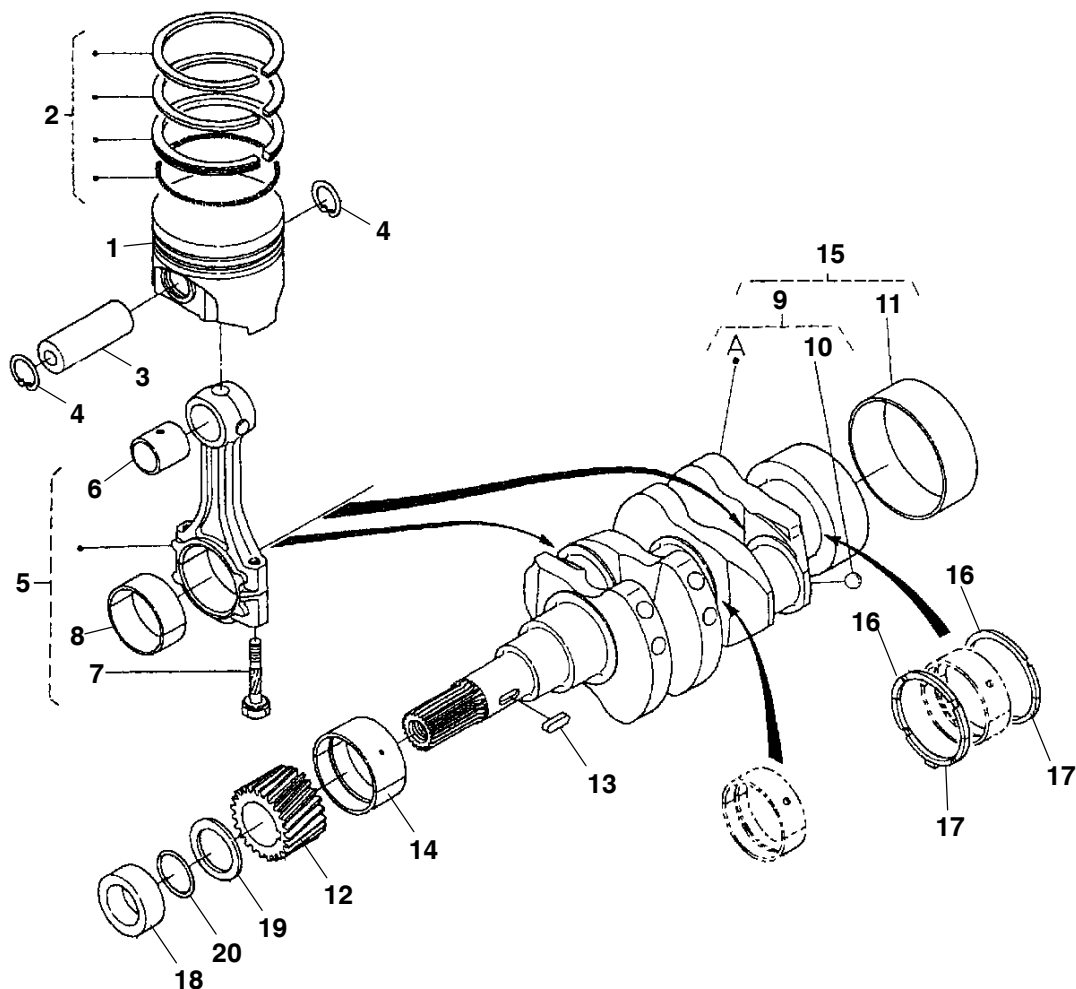
Cylinder Block



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Engine, Replacement	11	185-2094	1	Pin, Pipe
	100-4017	1	Spec A	12	185-2115	2	*Pin, Pipe
	100-4083	1	Begin Spec B	13	185-5488	2	*Pin, Pipe
1	101-0853	1	Block Assy, Cylinder (Includes Parts Marked *)	14	185-5489	1	Cover, Fuel Camshaft
2	185-5482	3	*Cap, Sealing	15	185-2095	1	O'Ring (Spec A)
3	185-5483	3	*Cap, Sealing	16	185-5490	1	Drain, Pep Cock
4	185-5484	2	*Cap, Sealing	17	120-1378	1	Pump, Oil
5	185-2188	4	*Plug	18	120-1379	1	Gasket, Oil Pump
6	185-2233	3	*Plug	19	185-5491	3	Bolt
7	185-2234	1	*Plug	20	193-0388	1	Sender, Water Temperature
8	185-5485	1	*Plug, Expansion	21	185-5492	1	Switch, Oil
9	185-5486	2	*Pin, Straight				
10	185-5487	2	*Pin, Straight				

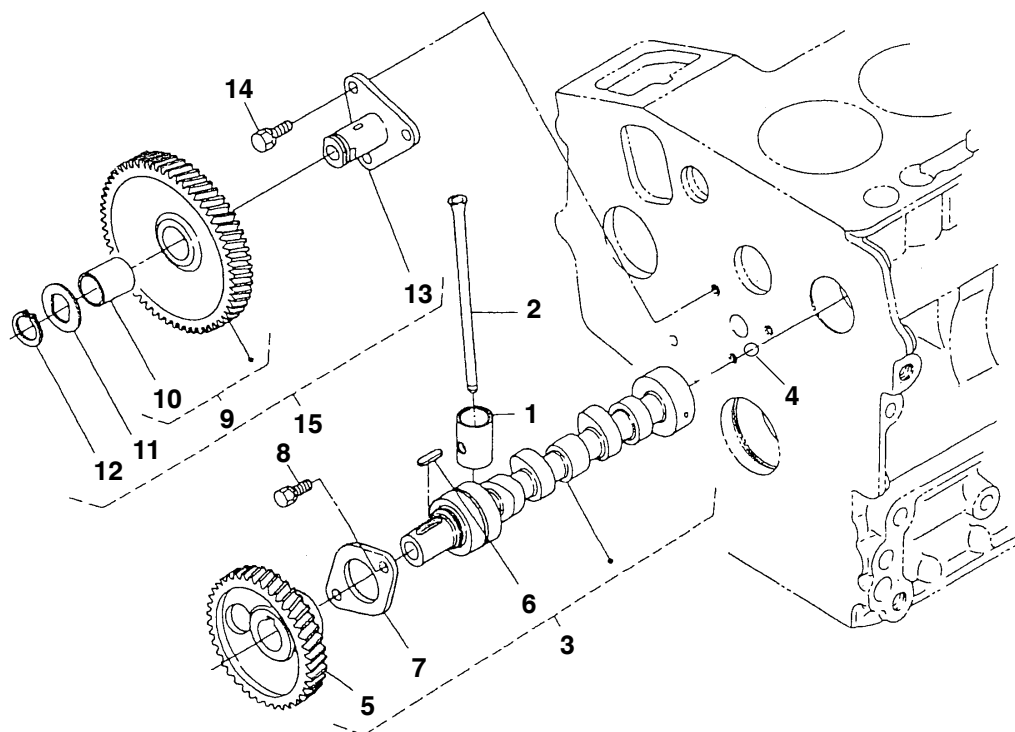
* - Parts Included in Cylinder Block Assy.

Piston and Crankshaft



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-5566	2	Piston	12	185-5576	1	Gear
	185-5350	2	Standard +0.25mm	13	185-2353	1	Key, Feather
2	185-7076	2	Ring Assy, Piston	14	185-5577	1	Bearing
	185-7386	2	Standard +.025mm		185-5578	1	Standard
3	185-5568	2	Pin, Piston		185-5579	1	-0.20mm
4	185-2016	4	Circlip, Piston Pin		185-5579	1	-0.40mm
5	114-0420	2	Rod Assy, Connecting (Includes Bush, Bolt, and Bearing)	15	140-2099	1	Assy Crankshaft
6	508-1255	2	Bush, Piston Pin	16	185-2022	2	Washer, Crankshaft
7	185-5570	4	Bolt, Connecting Rod		185-2028	2	Standard
8	185-5571	2	Bearing		185-2096	2	-0.20mm
	185-5572	2	Standard		185-2096	2	-0.40mm
	185-5573	2	-0.20mm	17	185-2023	2	Washer, Crankshaft
9	104-2070	2	Crankshaft (Includes Ball)		185-2030	2	Standard
10	185-5575	2	Ball		185-2031	2	-0.20mm
11	185-2033	1	Sleeve	18	185-7407	1	-0.40mm
				19	185-5583	1	Collar, Crankshaft
				20	509-0380	1	Slinger, Oil
							O'Ring

Camshaft

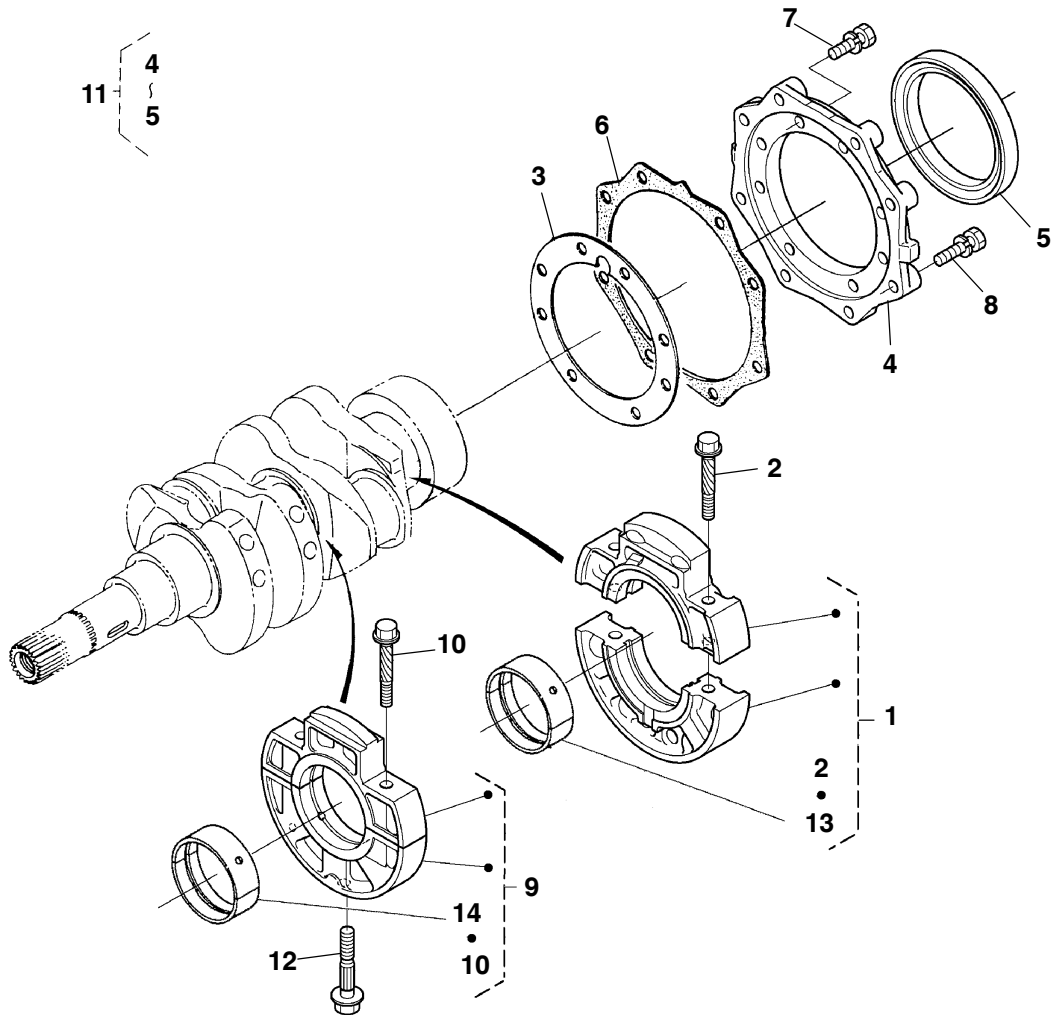


REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	181-9159	4	Tappet	10	185-7385	1	+Bush
2	185-5555	4	Rod, Push	11	185-5563	1	+Collar, Idle Gear
3			Camshaft Assy (Includes Parts Marked *)	12	185-5564	1	+Ring, Snap
	181-9052	1	Spec A	13	185-5565	1	+Shaft, Idle Gear
	105-0768	1	Begin Spec B	14	185-2387	3	Bolt
4	185-5924	1	*Ball	15	184-0040	1	Gear, Idle (Includes Parts Marked +)
5	185-7075	1	*Gear, Cam				
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)				

* - Parts Included in Camshaft Assy.

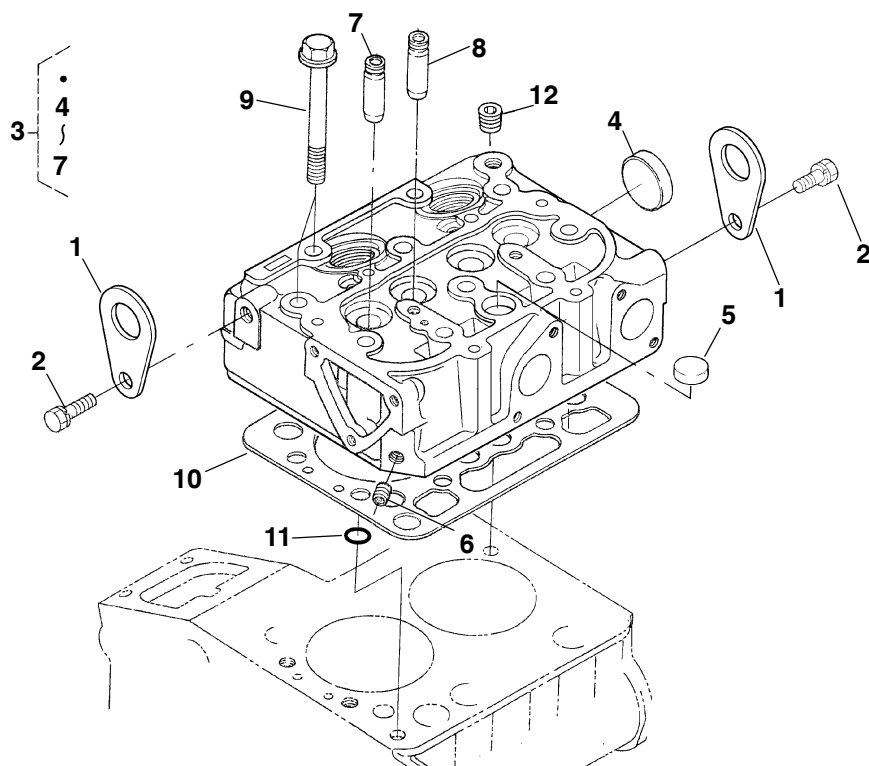
+ - Parts Included in Idle Gear Assy.

Main Bearing Case



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	232-4193	1	Case, Main Bearing (Includes Pins)	11	185-7073	1	Cover, Bearing Case
2	185-5515	2	Bolt, Flange	12	185-5519	1	Bolt, Bearing Case
3	185-5438	1	Gasket, Bearing Case	13	185-5580	1	Washer, Camshaft
4	185-5516	1	Cover, Bearing Case		185-2026	1	STD
5	185-5437	1	Seal, Oil		185-5357	1	0.20mm
6	185-7383	1	Gasket				0.40mm
7	185-2390	8	Bolt	14			Washer, Camshaft
8	185-2559	8	Bolt		185-5581	1	STD
9	232-4192	1	Case, Main Bearing		185-5360	1	0.20mm
10	185-5515	2	Bolt, Bearing Case		185-5361	1	0.40mm

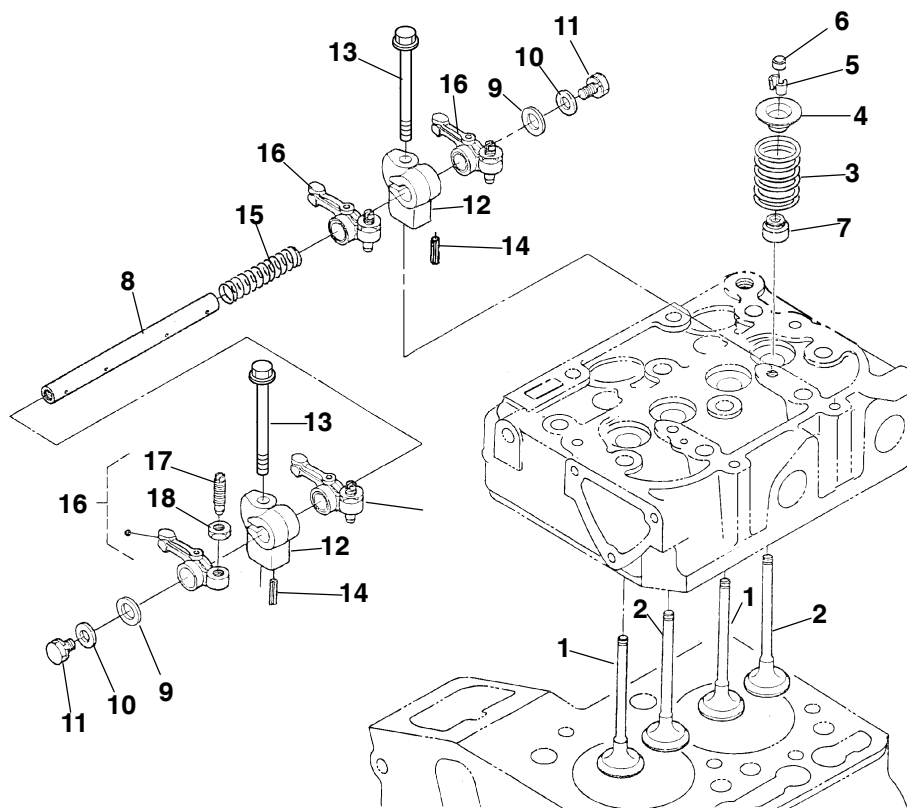
Cylinder Head



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-2188	2	Hook, Engine	8	185-5501	2	Guide, Exhaust Valve
2	185-2563	2	Bolt	9	185-5503	10	Bolt, Cylinder Head
3			Head, Cylinder (Includes Cap, Plug and Guides)	10	185-5339	1	Gasket, Cylinder Head
	110-3969	1	Spec A	11	185-2095	1	O'Ring (Spec A)
	110-4095	1	Begin Spec B	12	185-5502	1	Plug
4	185-2411	1	Cap, Sealing				
5	185-2413	1	Cap, Sealing				
6	185-2188	1	Plug				
7	185-5500	2	Guide, Inlet Valve				

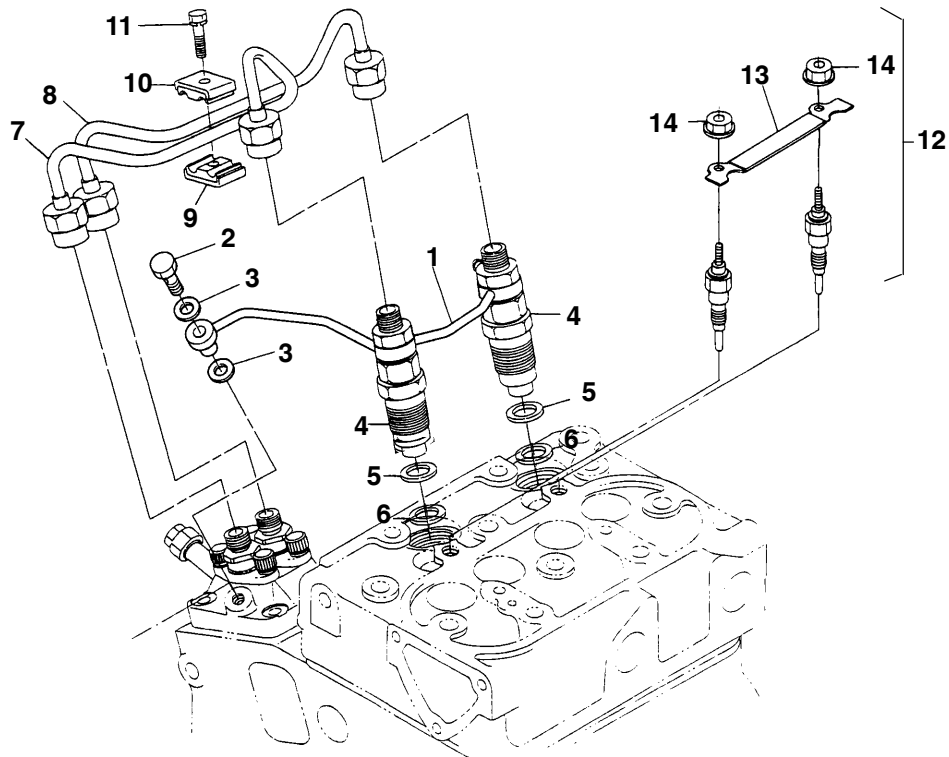
* - Part Included in Isolated Ground Kit Listed on Relay (Isolated Ground) Page.

Rocker Arm



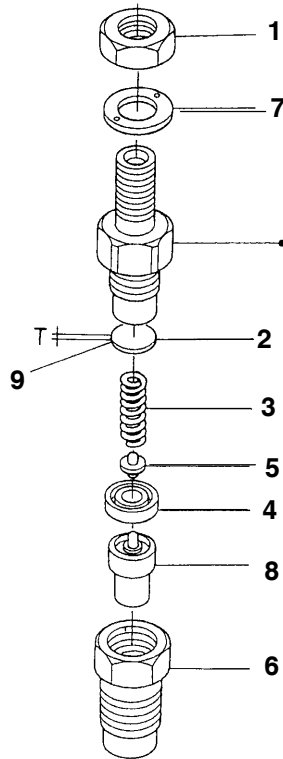
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	110-3990	2	Valve, Inlet	10	185-7395	2	Washer, Plain
2	110-3991	2	Valve, Exhaust	11	185-7440	2	Bolt
3	185-5539	4	Spring, Valve	12	181-9251	2	Bracket, Rocker Arm
4	185-5540	4	Retainer, Spring	13	800-6372	2	Screw, Flange Head
5	185-5541	4	Collet, Valve Spring	14	185-2351	2	Pin, Spring
6	185-5793	4	Cap, Valve	15	185-5550	1	Spring, Rocker Arm
7	185-5348	4	Seal, Valve Stem	16	185-5551	4	Arm Assy, Rocker
8	185-7394	1	Shaft, Rocker Arm	17	185-5552	4	Screw, Adjusting
9	185-7086	2	Washer	18	185-5553	4	Nut

Nozzle Holder



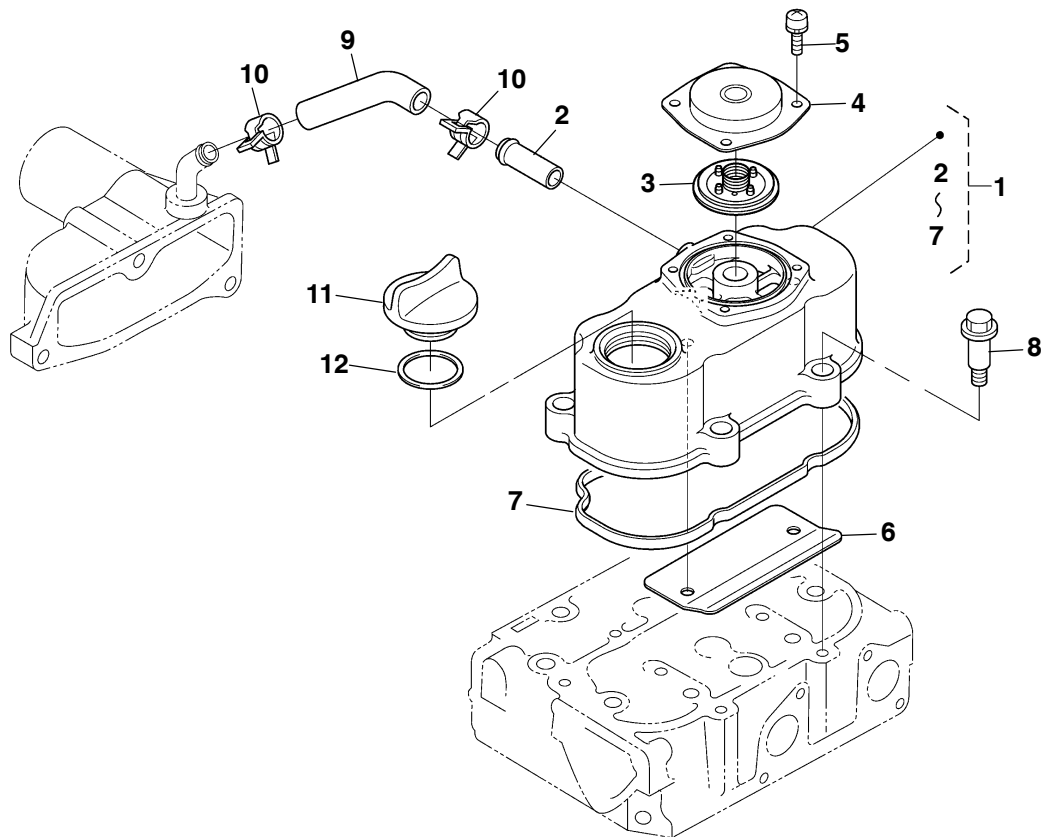
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	147-0898	1	Kit, Nozzle Holder (Includes Nozzle Holder and Gasket)	8			Pipe, Injection
1	181-9232	1	Pipe Assy, Overflow		181-9168	1	Spec A
2	185-7082	1	Screw, Air Bleeder		501-1119	1	Begin Spec B
3	185-2284	2	Gasket	9	185-5612	1	Clamp, Bottom Pipe
4	185-6738	2	Holder, Nozzle	10	185-2345	1	Clamp, Top Pipe
5	185-5337	2	Gasket	11	185-2385	1	Screw, Pan Head Machine
6	185-5985	2	Seal, Heat	12	185-5421	2	Plug, Glow (HR5)
7			Pipe, Injection	13	185-5614	1	Cord, Glow Plug
	501-0927	1	Spec A	14	185-5615	2	Nut, Flange
	501-1118	1	Begin Spec B				

Nozzle Holder Components



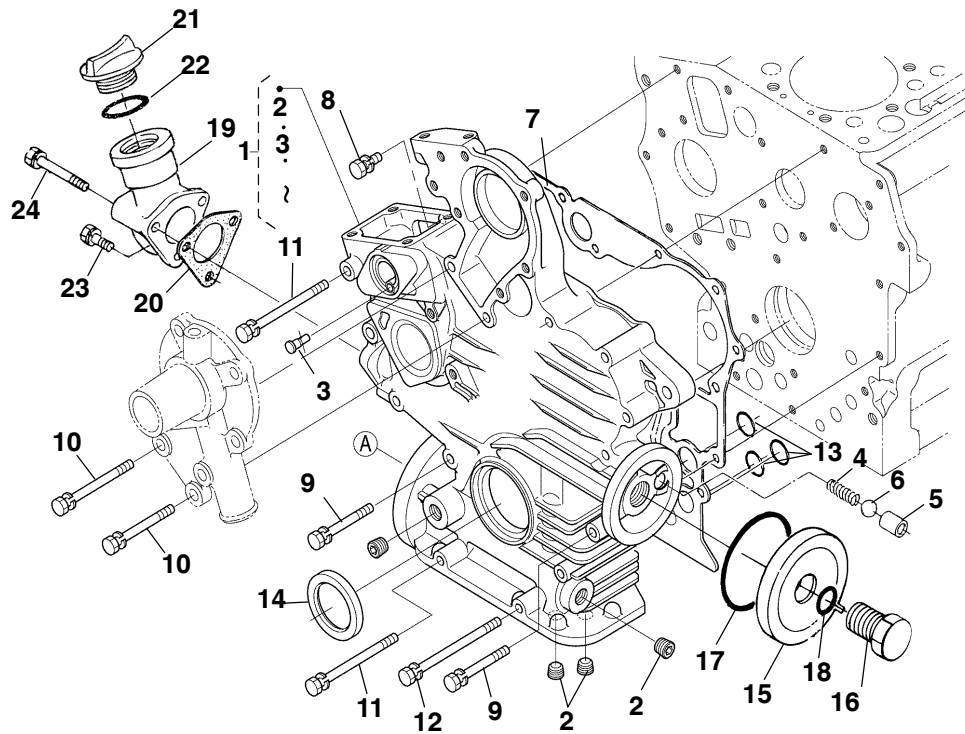
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	185-6738	1	Holder Assy, Nozzle		185-5381	2	1.325 mm
1	185-5616	2	Nut, Hex		185-5382	2	1.350 mm
2	185-5364	2	Washer, Adjusting		185-5383	2	1.375 mm
3	185-5617	2	Spring		185-5384	2	1.400 mm
4	185-5618	2	Spacer		185-5385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

Cylinder Head Cover



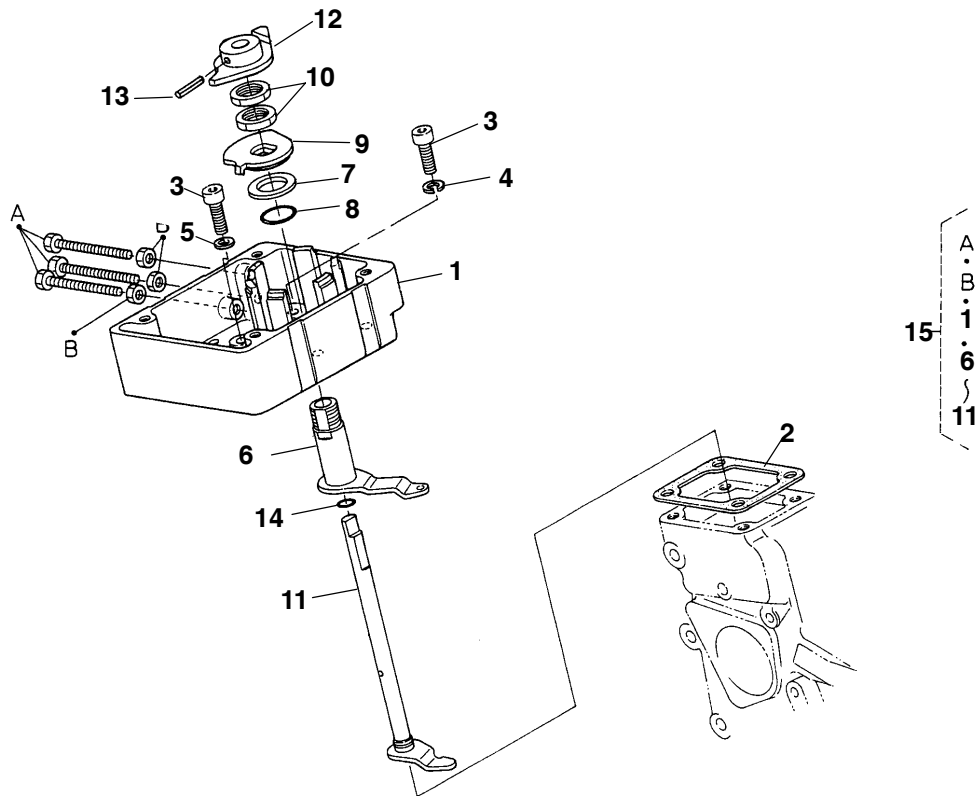
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	181-9245	1	Cover, Cylinder Head	7	115-0516	1	Gasket, Rocker Cover
2	185-5719	1	Pipe, Water Return	8	800-6330	4	Bolt
3	123-2296	1	Comp. Valve Breather	9	123-2351	1	Tube, Breather
4	123-2295	1	Cover, Breather	10	185-5162	2	Clamp, Hose
5	185-2384	4	Screw, with Washer	11	181-9000	1	Plug, Oil Filler
6	123-2303	1	Shield, Breather	12	185-7426	1	O'Ring

Gearcase



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	103-0841	1	Gearcase (Includes Plugs and Pin)	13	184-0015	3	O'Ring
2	185-2234	4	Plug	14	509-0481	1	Seal, Oil
3	185-5506	1	Pin, Start Spring	15	122-0912	1	Cover
4	185-5509	1	Spring	16	185-5742	1	Bolt
5	185-5510	1	Seat, Valve	17	181-9021	1	O'Ring
6	185-5511	1	Ball	18	185-5744	1	O'Ring
7	103-0842	1	Gasket, Gearcase	19	185-2296	1	Flange, Oil Filler
8	181-9001	1	Bolt	20	181-9211	1	Packing, Flange
9	185-7069	8	Bolt	21	123-2299	1	Plug, Oil Filler
10	185-5507	2	Bolt	22	185-7426	1	O'Ring
11	181-9006	3	Bolt	23	181-9001	1	Bolt
12	800-6433	1	Bolt	24	185-7069	2	Bolt

Speed Control Plate

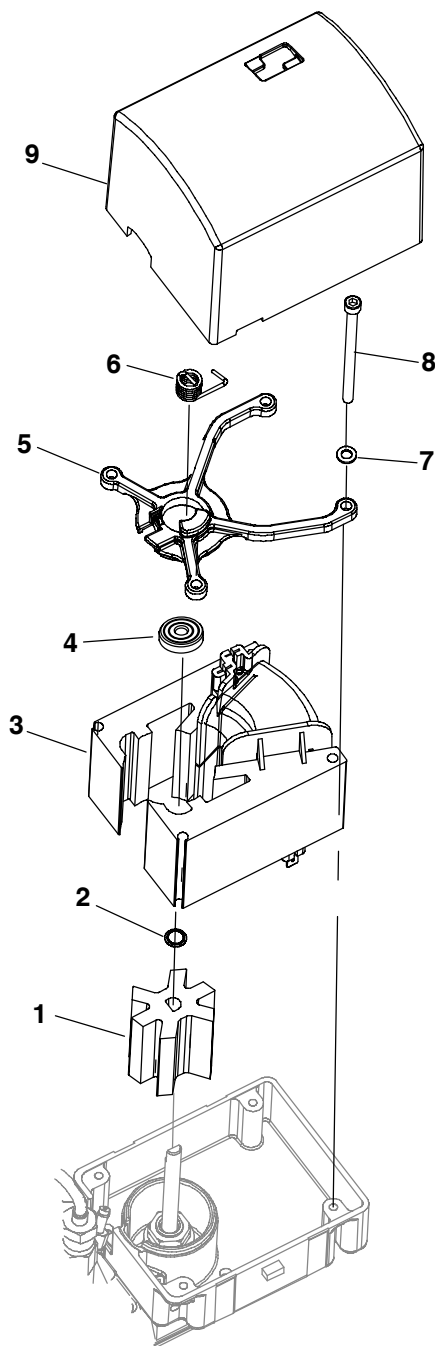


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	184-0055	1	*Plate, Speed Control
2	185-5342	1	Gasket
	185-7080	1	Spec A
		1	Begin Spec B
3	184-0013	4	Screw, Hex Head Cap W/Lock Washer (M6 x 18mm)
4	185-2284	2	Washer, Spring
5	185-2380	2	Seal, Oil
6	184-0053	1	*Lever, Governor
7	184-0057	1	*Collar
8	184-0019	1	*O'Ring
9	184-0056	1	*Lever, Speed Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
10	185-9063	2	*Nut, Jam Hex
11	184-0060	1	*Shaft, Lever
12	184-0059	1	*Lever, Engine Stop
13	185-5696	1	*Pin, Spring
14	184-0017	1	*O'Ring
15	185-7267	1	Plate Assy, Speed Control (Includes Parts Marked *)

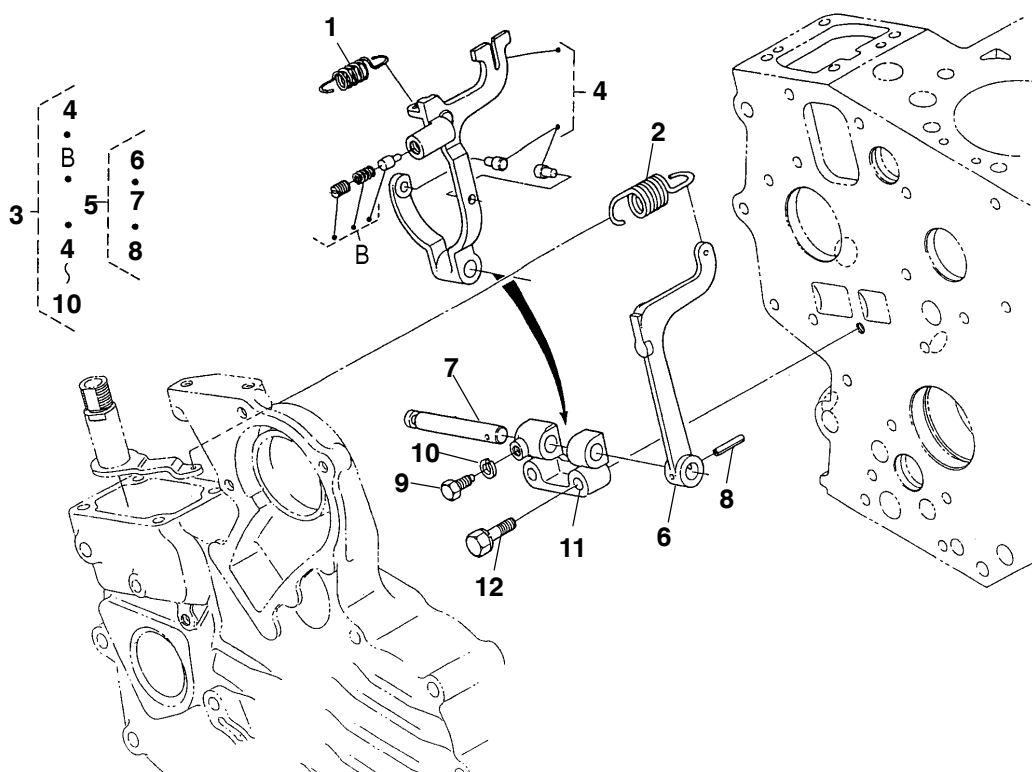
* - Parts Included in Speed Control Plate Assy.

Governor



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

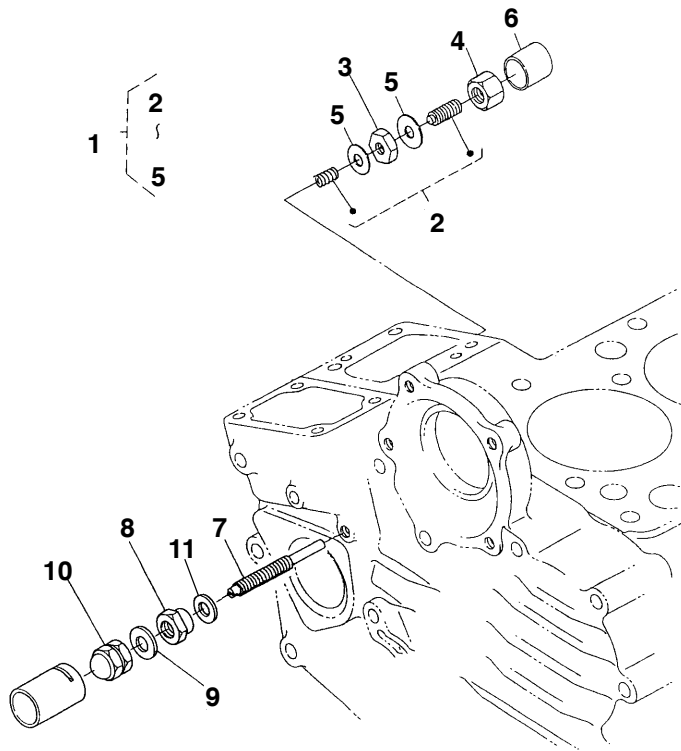
Fork Lever



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-5698	1	Spring, Start	7	185-5703	1	* Shaft
2	184-0054	1	Spring, Governor	8	185-5696	1	* Pin, Spring
3	306-5293	1	Lever Assy, Fork (Includes Parts Marked *)	9	185-2173	1	* Bolt
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	185-5704	1	Holder, Fork Lever
6	185-5702	1	* Lever, Outer Fork	12	185-2393	2	Bolt

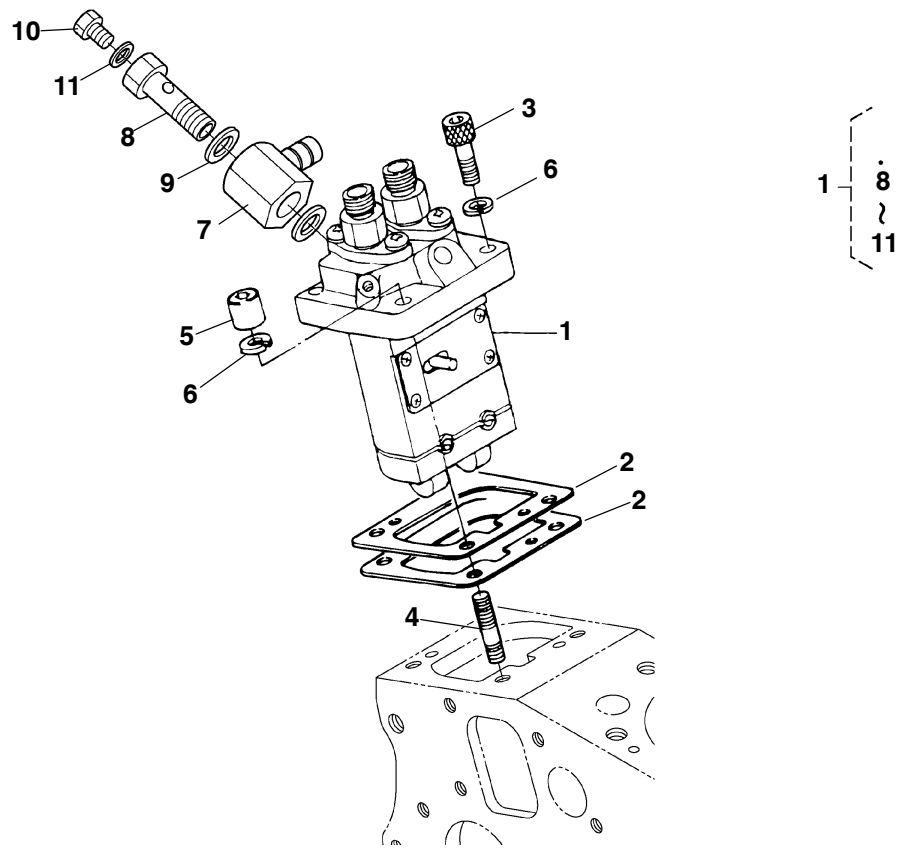
* - Parts Included in Fork Lever Assy.

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)	6	185-5682	1	Cap
2	185-5680	1	Bolt Assy, Adjusting	7	150-2872	1	Bolt, Adjusting
3	185-2180	1	Nut	8	185-6931	1	Nut, Locking
4	185-5681	1	Nut	9	185-2284	2	Gasket
5	185-2338	2	Gasket	10	185-5685	1	Nut
				11	185-7313	1	Gasket

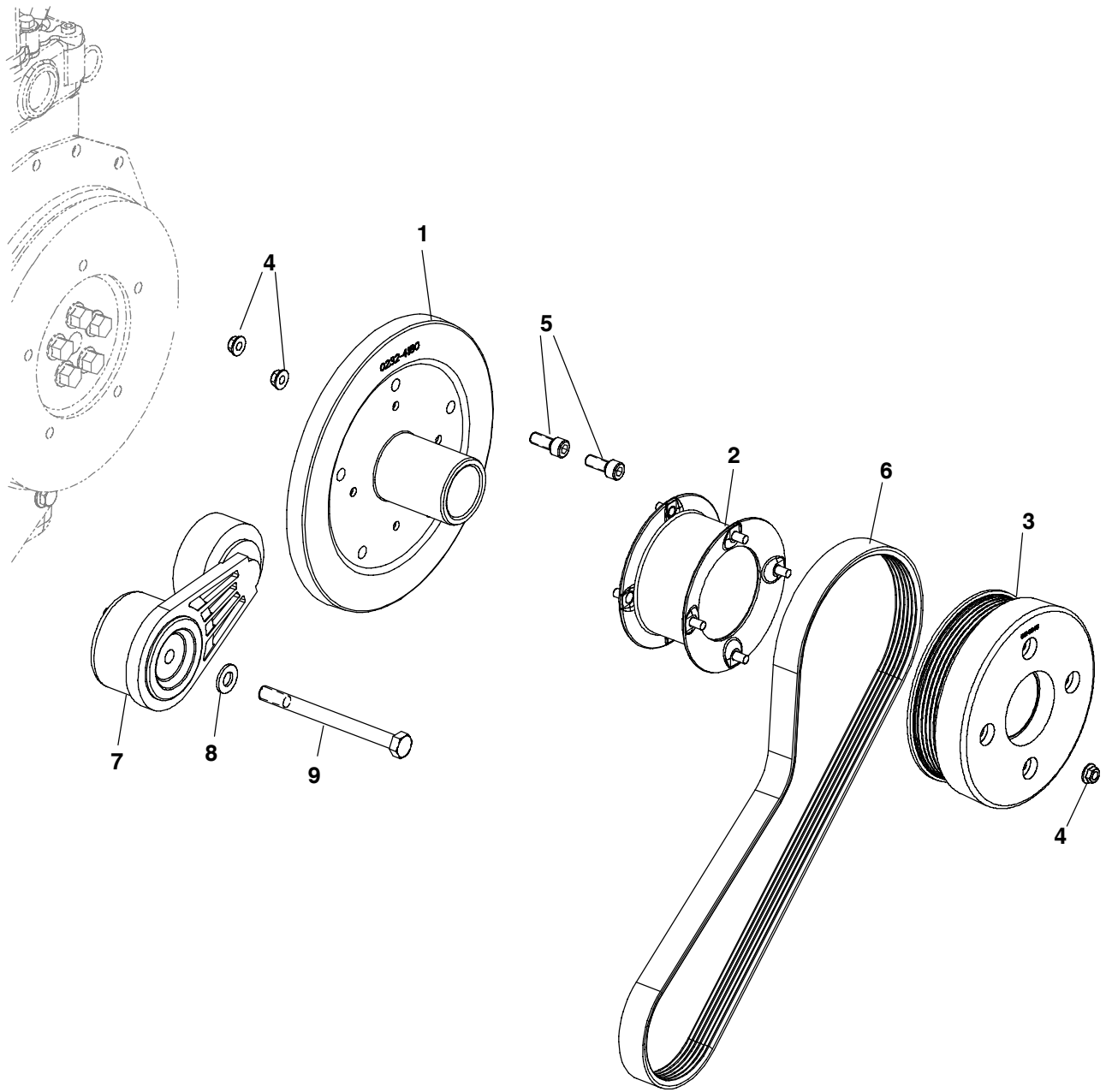
Injection Pump



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	185-6759	4	Washer, Spring
	185-6736	1	0.20mm	7	185-5626	1	Joint, Eye
	185-6737	1	0.25mm	8	185-5660	1	Screw, Hollow
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

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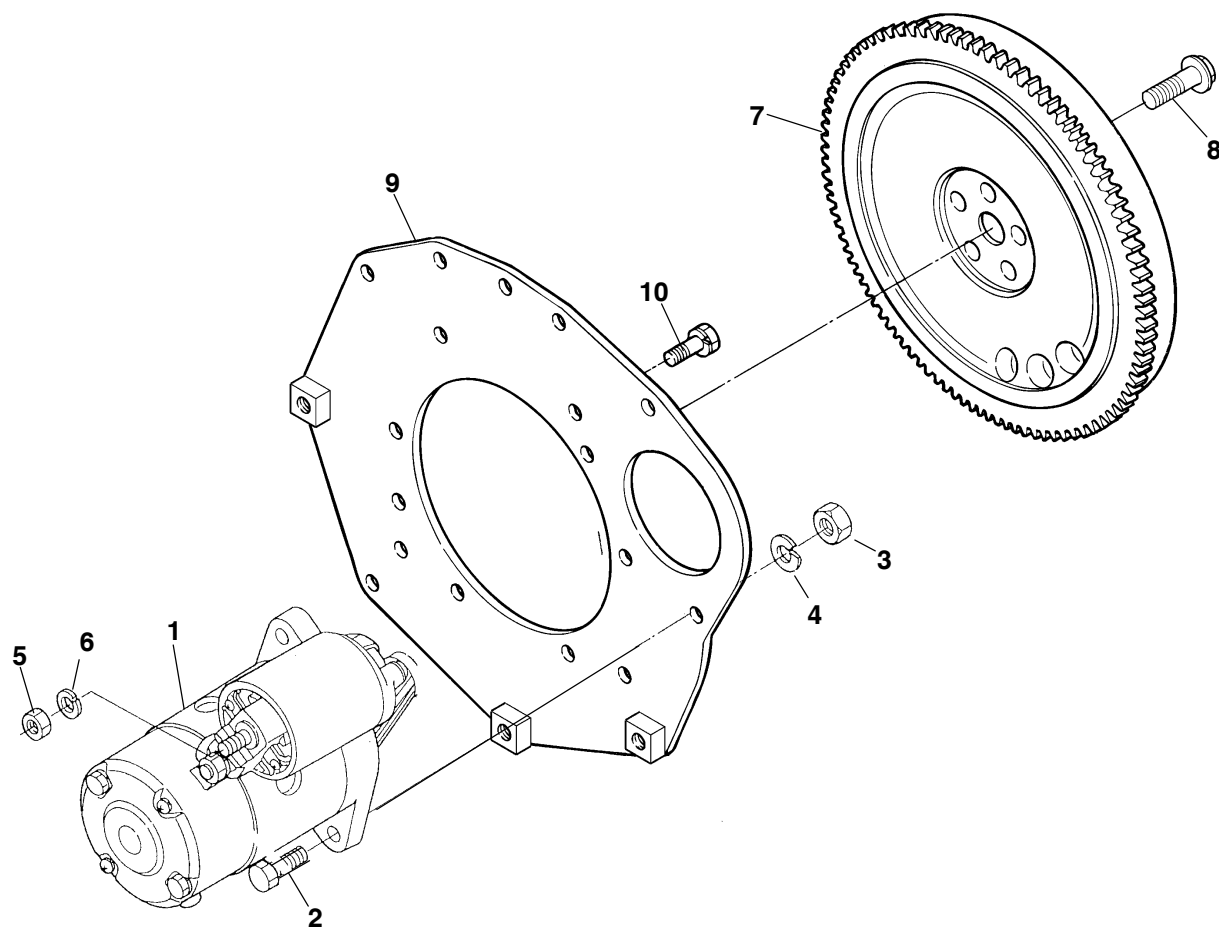
Drive Assembly



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	232-4179	1	Hub, Drive
2	512-0217	1	Coupling
3	512-0248	1	Pulley
4	870-2065-02	8	Nut, Hex Flange
5	725-1050	5	Screw, Socket Head Cap (M8 x 1.25 x 20mm)
6	511-0196-01	1	Belt

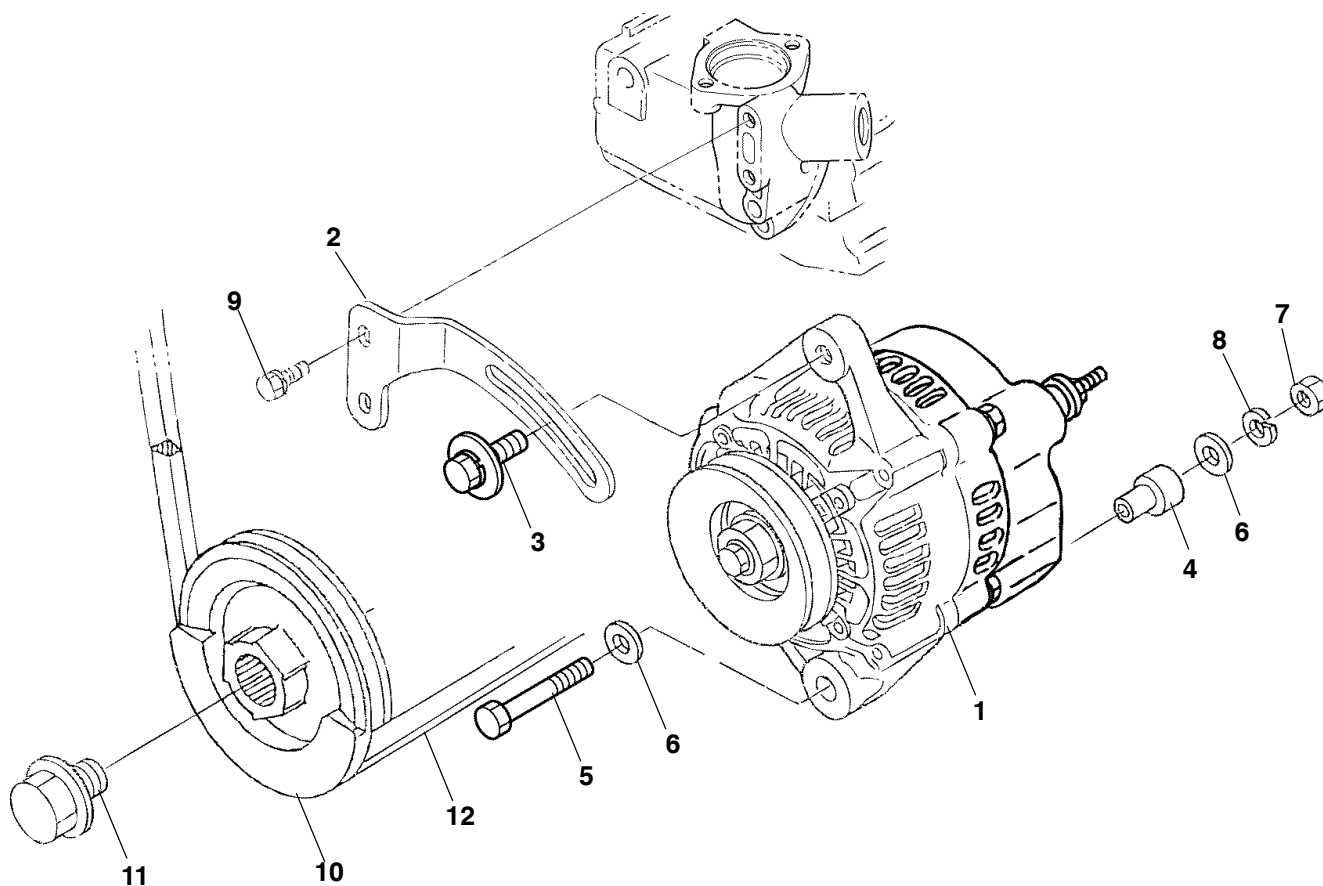
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
7	190-0757	1	Tensioner, Belt
8	526-2120	1	Washer, Flat (M10)
9	800-6382-01	1	Screw, Hex Head (M10 x 1.5 x 120mm)

Starter



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-5429	1	Starter
2			Bolt
	185-2406	2	Spec A
	185-2564	2	Begin Spec B
3	185-2367	2	Nut
4	185-6957	2	Washer, Spring
5	185-2367	1	Nut
6	185-6957	1	Washer, Spring
7	185-5585	1	Flywheel
8	185-5587	5	Bolt, Flywheel
9	403-6758	1	Plate, Engine
10	800-6435	10	Bolt

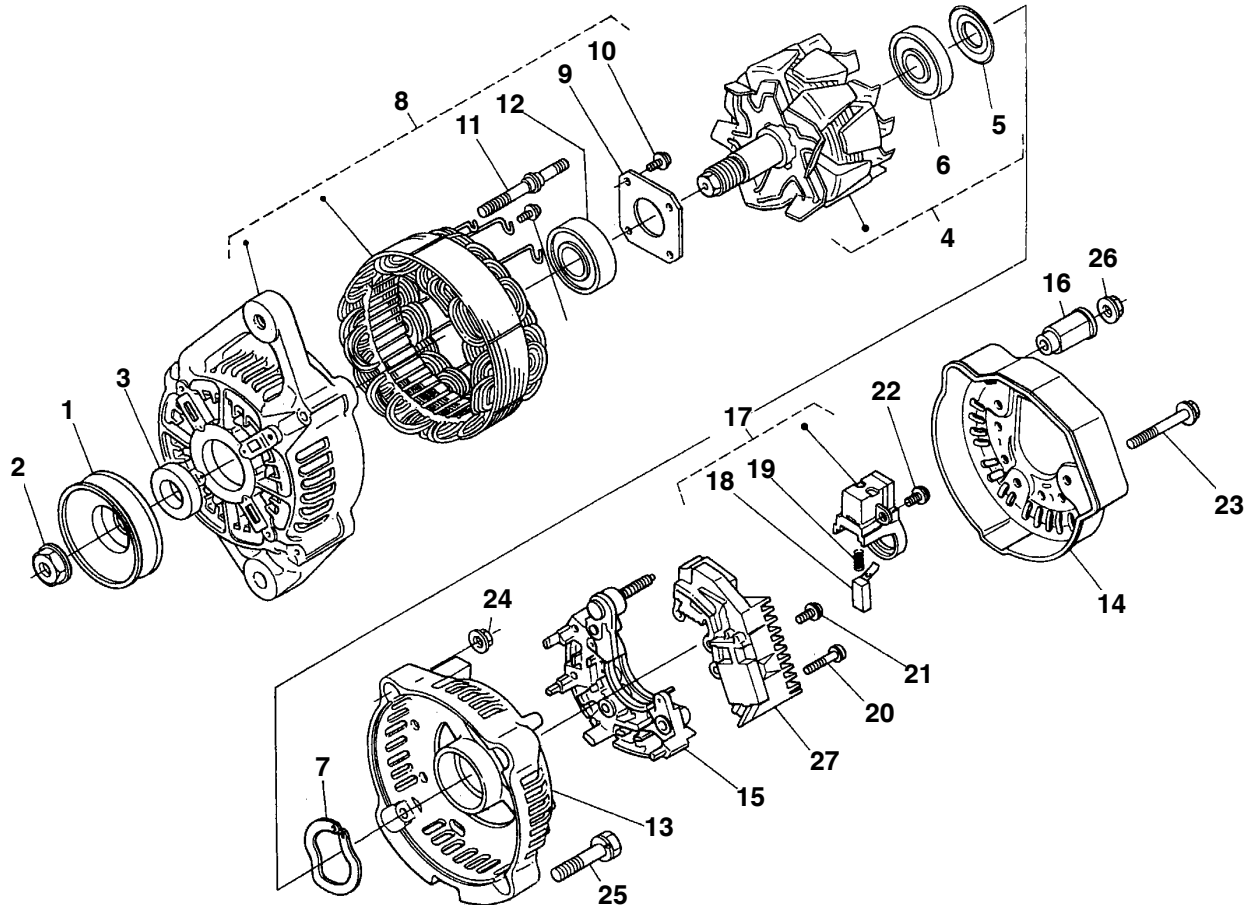
Alternator



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-6627	1	Alternator
2	185-5763	1	Bracket, Alternator
3	800-6436	2	Bolts
4	185-5765	1	Collar
5	185-5443	1	Bolt
6	185-7221	2	Washer, Plain

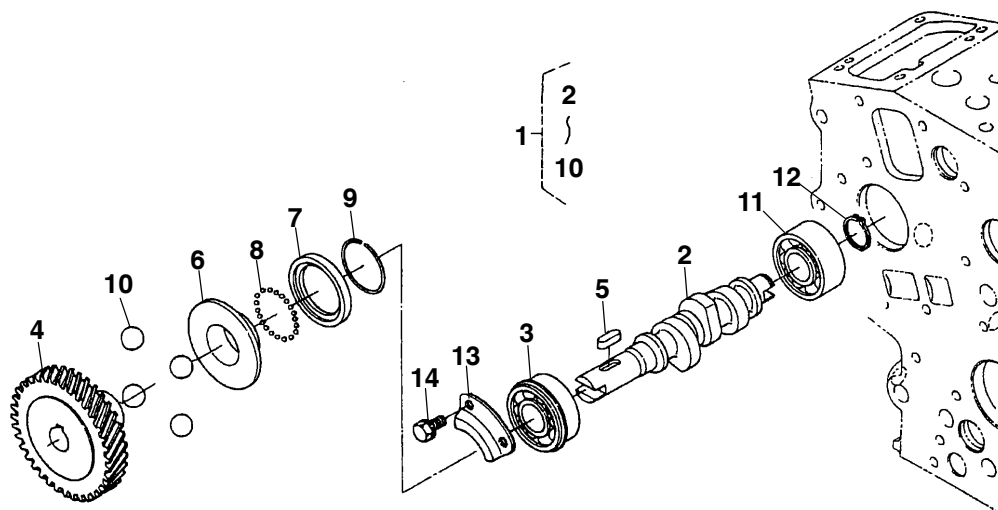
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
7	185-2367	1	Nut
8	185-6957	1	Washer, Spring
9	181-9001	2	Bolt
10	512-0375	1	Pulley, Fan Drive
11	185-5709	1	Bolt
12	511-0243	1	Belt, Alternator

12V Alternator Components



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	185-6627	1	Alternator	15	185-6638	1	Rectifier
1	185-5767	1	Pulley, Alternator	16	185-6191	1	Brush, Insulation
2	185-5768	1	Nut	17	181-9146	1	Holder, Brush (Includes Parts Marked#)
3	185-5769	1	Collar	18	185-5783	2	#Brush
4	185-9263	1	Rotor (Includes Parts Marked +)	19	185-5784	2	#Spring, Brush
5	185-5771	1	+Cover, Bearing	20	185-5785	2	Screw, Round Head
6	181-9147	1	+Bearing	21	185-5786	6	*Screw, Round Head
7	185-6187	1	Washer, Thrust	22	185-5785	1	Screw, Round Head
8	181-9262	1	Frame, Drive End(Includes Parts Marked*)	23	185-5788	3	Bolt
9	185-5774	1	*Plate, Retainer	24	185-5789	2	Nut
10	185-5775	4	*Screw, Round Head	25	185-5790	2	Bolt
11	185-5776	2	*Bolt, Through	26	185-2961	1	Nut
12	181-9148	1	*Bearing, Ball	27	181-9257	1	Regulator
13	181-9096	1	Frame, End	28	510-0185	1	Kit, Bearing (not shown)
14	181-9097	1	Cover, End				

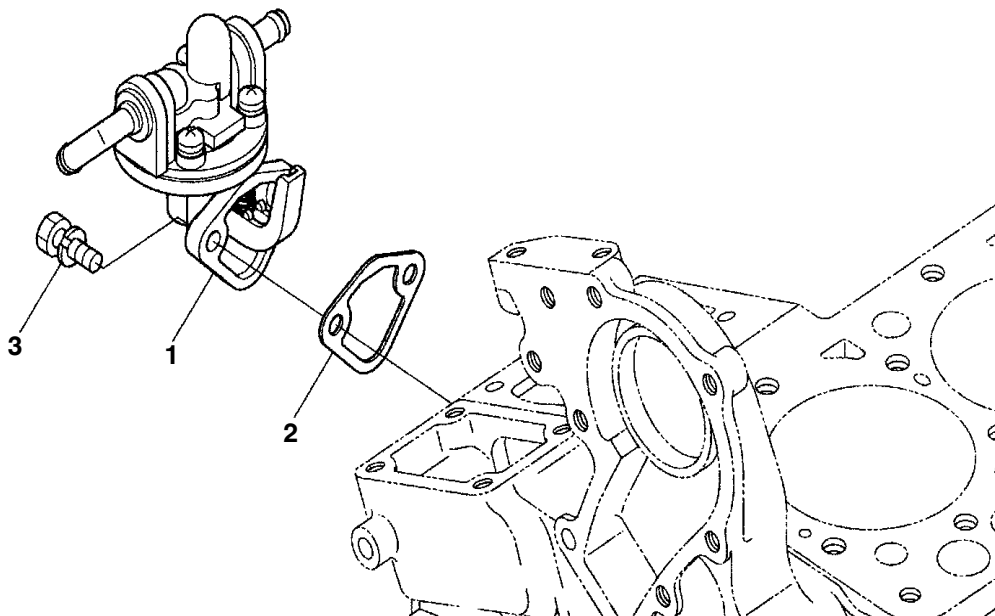
Fuel Camshaft



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 *)	9	185-2163	1	*Circlip, External
2	185-5628	1	*Camshaft, Fuel	10	185-5633	4	*Ball
3	185-5629	1	*Bearing, Ball	11	510-0229	1	Bearing, Ball
4	185-5630	1	*Gear, Injection Pump	12	185-5634	1	Circlip, External
5	185-2353	1	*Key, Feather	13	185-5635	1	Stopper, Fuel Camshaft
6	185-5631	1	*Sleeve, Governor	14	185-2386	2	Bolt
7	185-5632	1	*Case, Governor Ball				
8	185-2357	32	*Ball				

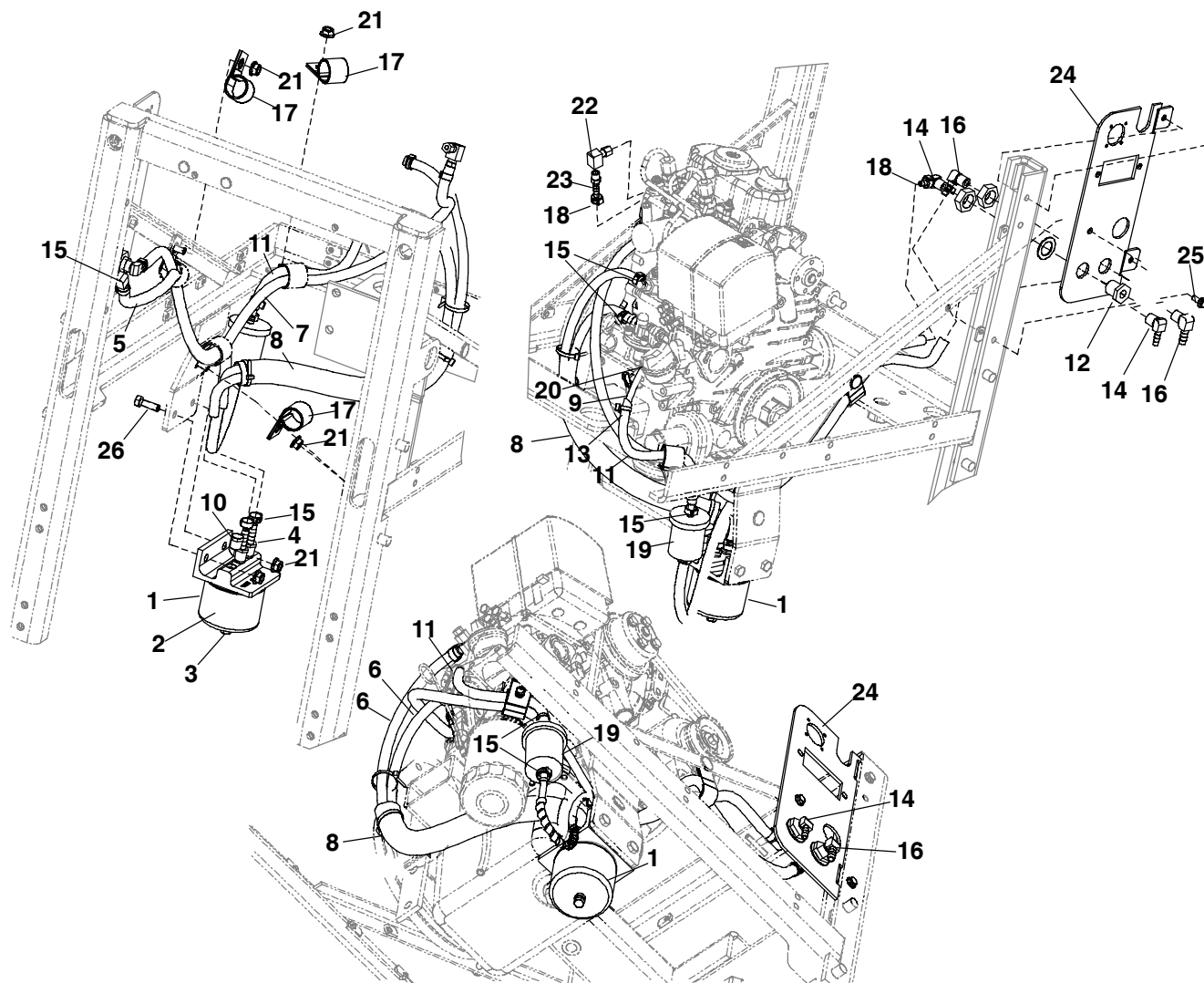
* - Parts Included in Fuel Camshaft Assy.

Fuel Pump (Spec A)



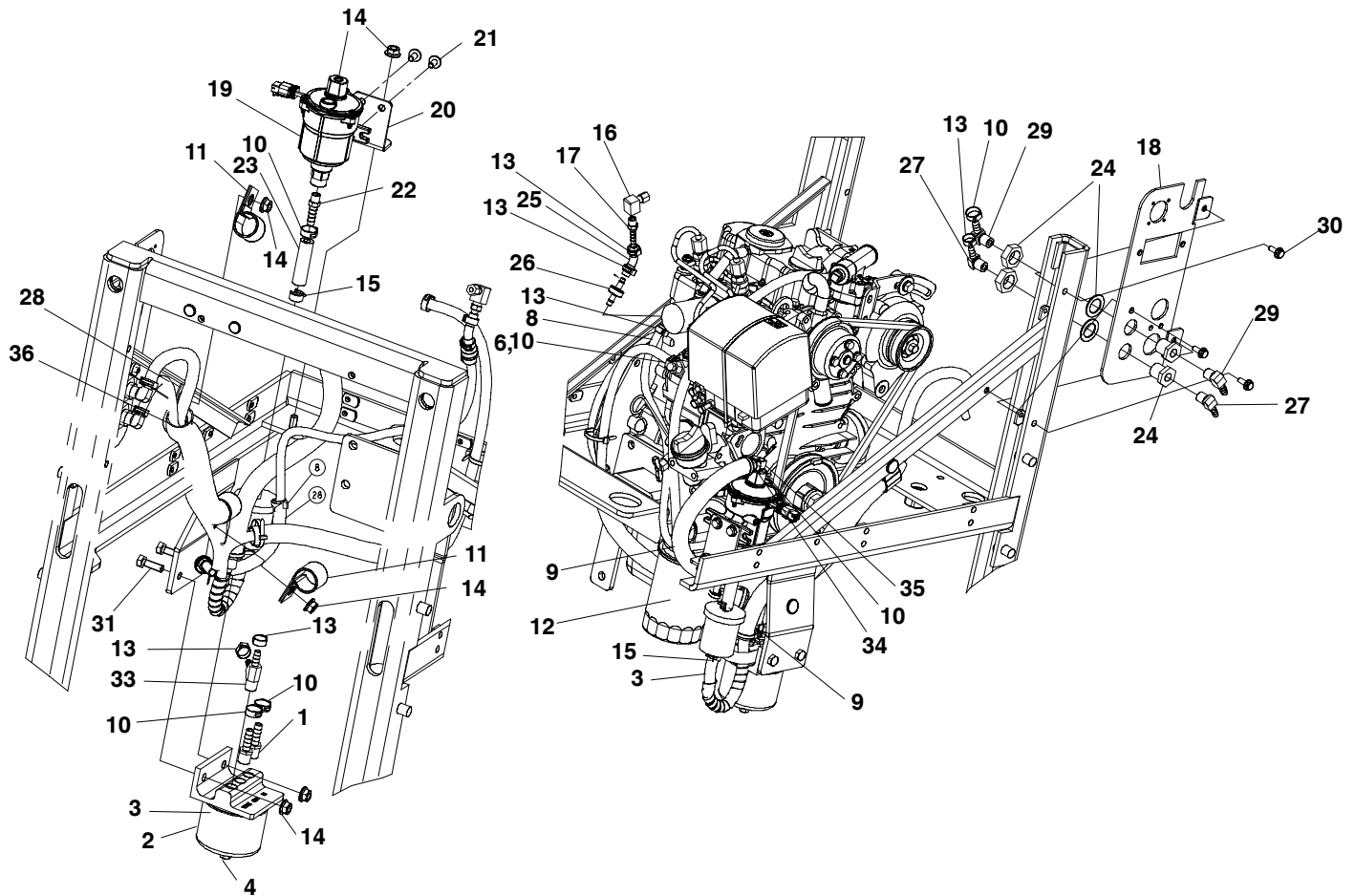
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	149-2826	1	Pump, Mechanical Fuel
2	185-6580	1	Gasket, Fuel Pump
3	185-2386	2	Screw, Hex Head W/ Washer

Fuel System (Spec A)



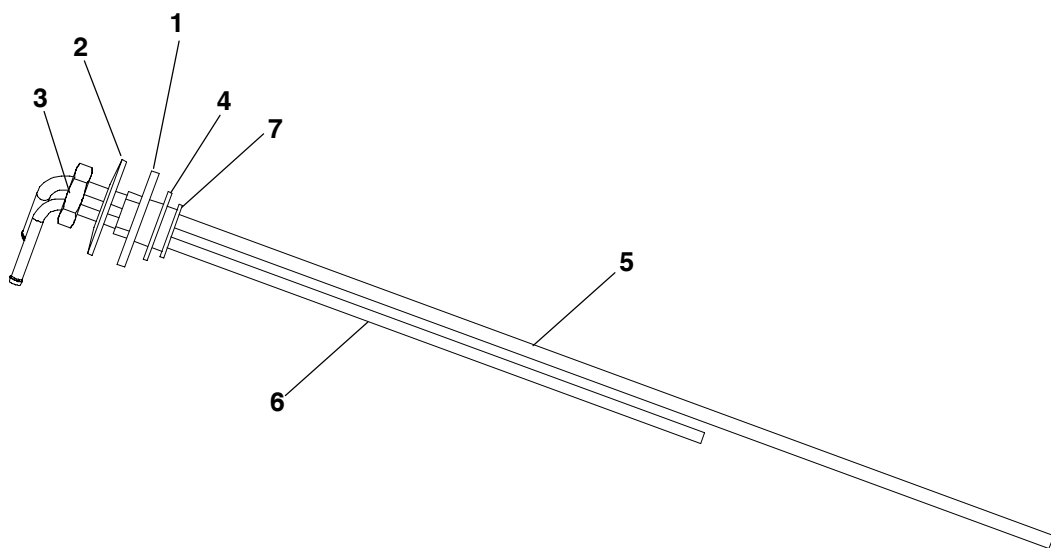
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	149-2635	1	Base, Filter	15	503-1951-13	7	Clamp, Hose
2	149-2106	1	Element, Filter Fuel (Not Shown)	16	502-1353-04	2	Elbow 90° Pipe
3	502-0028	1	Plug, Hex Head	17	518-0548-20	3	Clamp, Hose
4	502-1218	2	Connector, Hose	18	503-1951-08	2	Clamp, Hose
5	503-2767-01	1	Hose, Fuel (to Pre-Filter)	19	149-2794	1	Pre-Fuel, Filter
6	503-2767-02	1	Hose, Fuel (Filter to Inject)	20	503-1951-10	1	Clamp, Hose
7	503-2770-01	1	Hose, Fuel (Pump to Filter)	21	870-2065-03	5	Nut, Hex Head Flanged (M8 x 1.25mm)
8	898-1196-39	1	Sleeving, Convoluted	22	502-1224	1	Elbow, 90° (Female)
9	503-2767-04	1	Hose, Fuel (Pre-Filter to Pump)	23	502-1367-01	1	Connector, Hose (1/8-NPT)
10	502-0153	1	Plug, Pipe (1/4 NPT)	24	403-6245-02	1	Plate, Bulkhead (RH)
11	898-1196-02	1	Sleeving, Convoluted	25	821-2096-03	3	Screw, Locking Flange (M6 x 1 x 16mm)
12	502-1133	2	Coupling, Anchor	26	800-2058	2	Screw, Hex Head Cap (M8 x 1.25 x 25mm)
13	332-1389	5	Tie, Cable				
14	502-1107	2	Elbow 90° Pipe				

Fuel System (Begin Spec B)



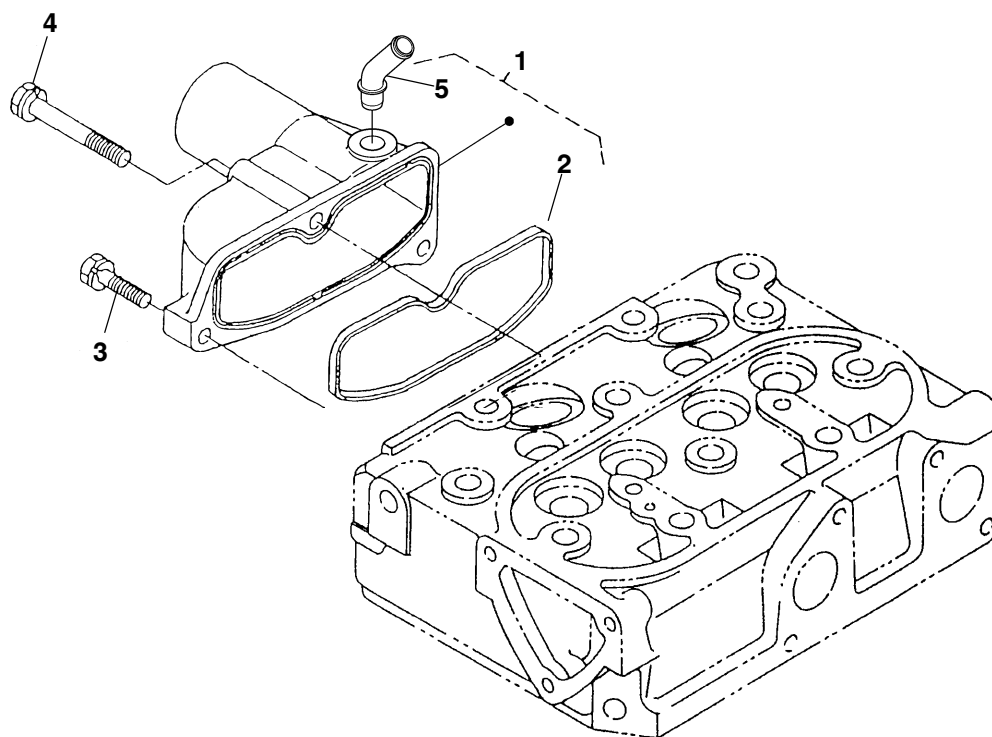
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	159-1727	1	Pickup, Fuel (Includes Tank Gasket, washers, Fuel lines and Fittings)	17	502-1367-01	1	Connector, Hose (1/8-NPT)
1	502-1218	2	Connector, Hose	18	403-6952-02	1	Plate, Bulkhead
2	149-2635	1	Base, Filter	19	A026J568	1	Pump, Electrical Fuel
3	149-2106	1	Element, Filter Fuel (Not Shown)	20	A026J569	1	Bracket, Fuel Pump
4	502-0028	1	Plug, Hex Head	21	821-0010	2	Screw, Locking (1/4-20)
5	A028U628	1	Hose, Fuel (to Pre-Filter)	22	502-1367-03	1	Connector, Hose (1/8-NPT)
6	A028U629	1	Hose, Fuel (Filter to Inject)	23	A028U634	1	Hose, Fuel
7	898-1196-39	1	Sleeving, Convoluted	24	502-1133	2	Coupling, Anchor
8	A028U626	1	Hose, Fuel (Pre-Filter to Pump)	25	A028U623	1	Hose, Fuel
9	898-1196-13	1	Sleeving, Convoluted	26	504-0338	1	Valve, Check
10	A028W915	6	Clamp, Hose	27	502-1107	2	Elbow, Barbed
11	518-0548-20	2	Clamp, Hose	28	A028U627	1	Hose, Fuel
12	149-2794	1	Pre-Fuel, Filter	29	502-1353-04	2	Elbow, 90 Degree
13	503-1951-13	6	Clamp, Hose	30	821-2096-03	3	Screw, Flange Head
14	870-2065-03	5	Nut, Hex Head Flanged	31	800-2058	2	Screw, Hex Head
15	503-1445-06	2	Clamp, Hose	32	898-1387-01	1	Wrap, Spiral
16	502-1224	1	Elbow 90° Pipe	33	502-1708	1	Fitting, Hose Tee
				34	A028U630	1	Hose, Fuel
				35	502-0313-02	1	Elbow, 90 Degree
				36	898-1392-02	1	Sleeve, Convoluted
				37	898-1196-10	1	Sleeving, Convoluted

Fuel Pickup



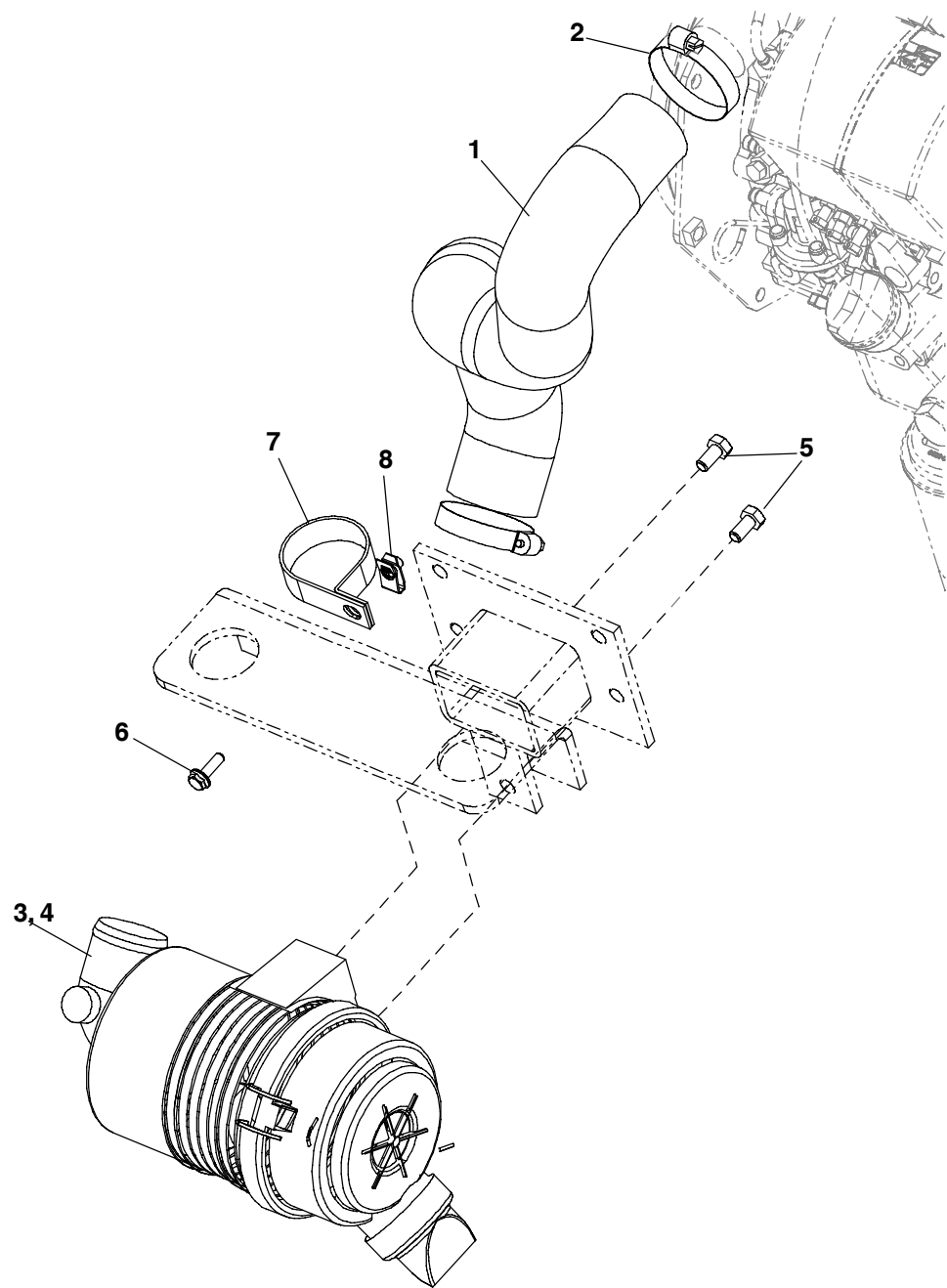
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	159-1727	1	Assy, Fuel Pick-Up	4	526-2338	1	Washer, Flat
1	159-1726	1	Gasket, Fuel Tank (Rubber)	5	501-0977	1	Line, Fuel (Pick-Up)
2	526-2339	1	Washer, Bevel	6	501-0979	1	Line, Fuel
3	860-2080	1	Nut, Hex Jam (Yellow Zinc)	7	518-0756	1	Insert, Threaded (Fuel-Fitting)

Inlet Manifold



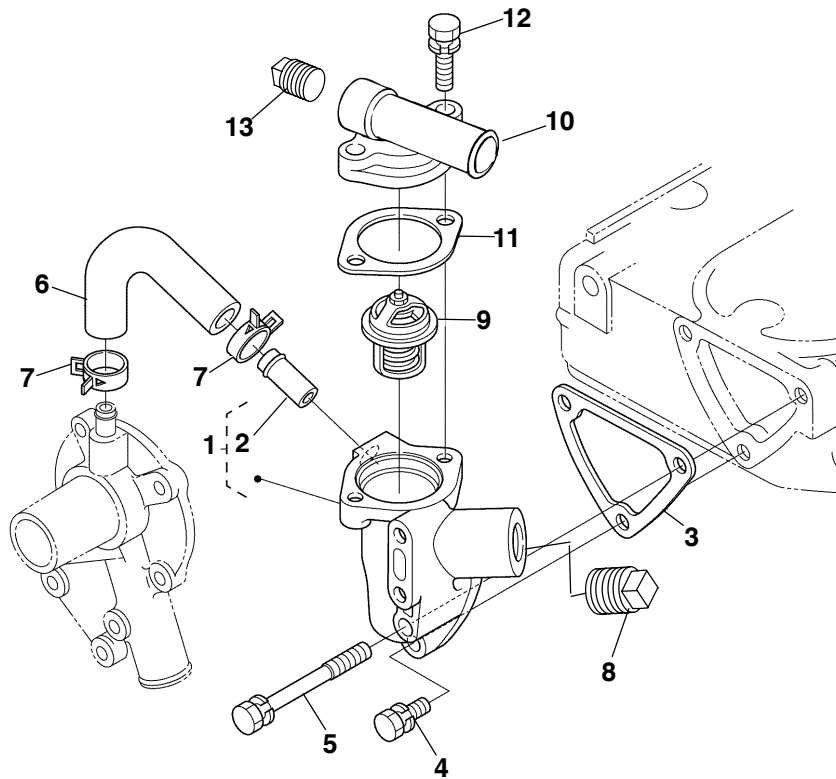
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	154-3205	1	Manifold Assy, Inlet (Includes Gasket)	3	185-2389	2	Bolt
2	185-5335	1	Gasket, Inlet Manifold	4	185-5833	1	Bolt
				5	123-2300	1	Pipe, Breather

Intake System



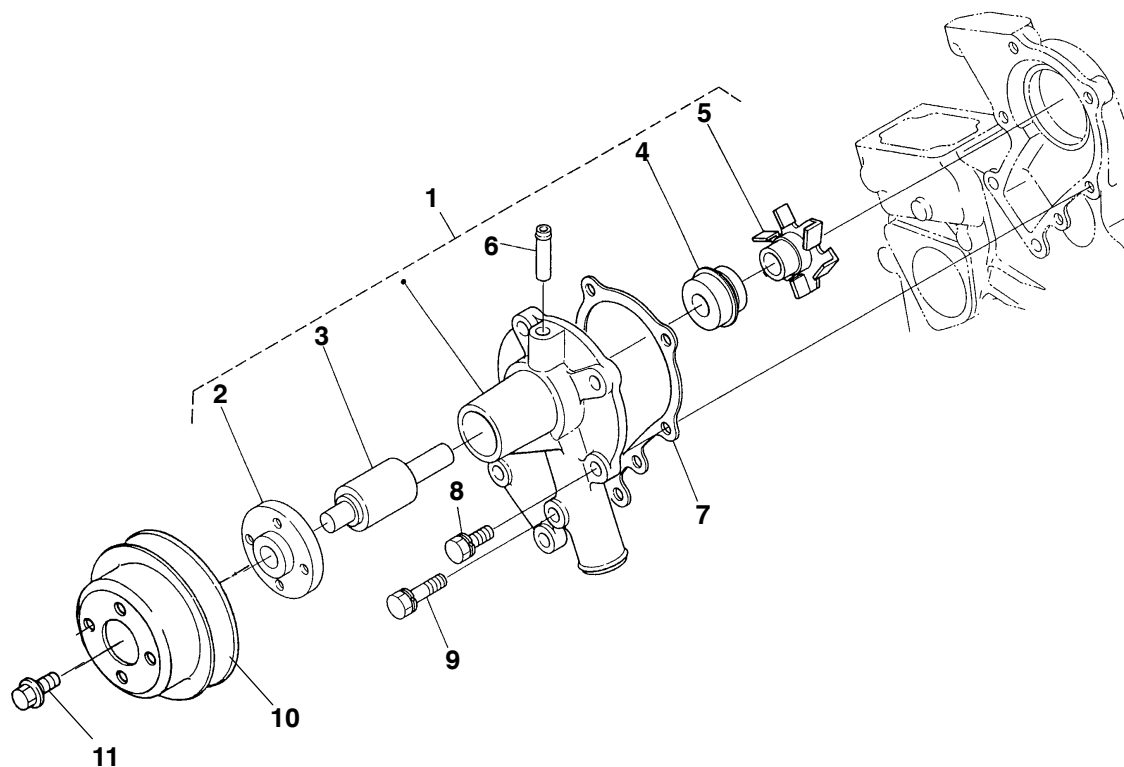
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	503-2852	1	Hose, Intake (Engine)	6	821-2096-04	1	Screw, Locking Flange (M6 x 1 x 20mm)
2	503-1141	2	Clamp, Hose	7	518-0548-24	1	Clamp, Hose (Insulated 15.8D)
3	140-4048	1	Cleaner, Air	8	870-0542	1	Nut, Self Retaining
4	140-3071	1	Element, Air Cleaner				
5	800-3017-18	2	Screw, Hex Head (M8 x 1.25 x 16mm)				

Water Flange Assembly



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	184-0063	1	Flange, Water (Includes Parts Marked*)	6	184-0064	1	Pipe, Water Return
1	181-9234	1	*Housing, Thermostat (Includes Water Flange and Return)	7	185-6667	2	Band, Pipe
2	185-5719	1	*Pipe, Water Return	8	185-5826	1	*Plug, Water Flange
3	130-6904	1	Gasket, Water Flange	9	185-5458	1	Thermostat
4	185-2388	2	Bolt	10	185-5475	1	Cover, Thermostat
5	185-7069	1	Bolt	11	185-2238	1	Gasket, Thermostat
				12	181-9002	2	Bolt
				13	505-2533	1	Plug, Pipe

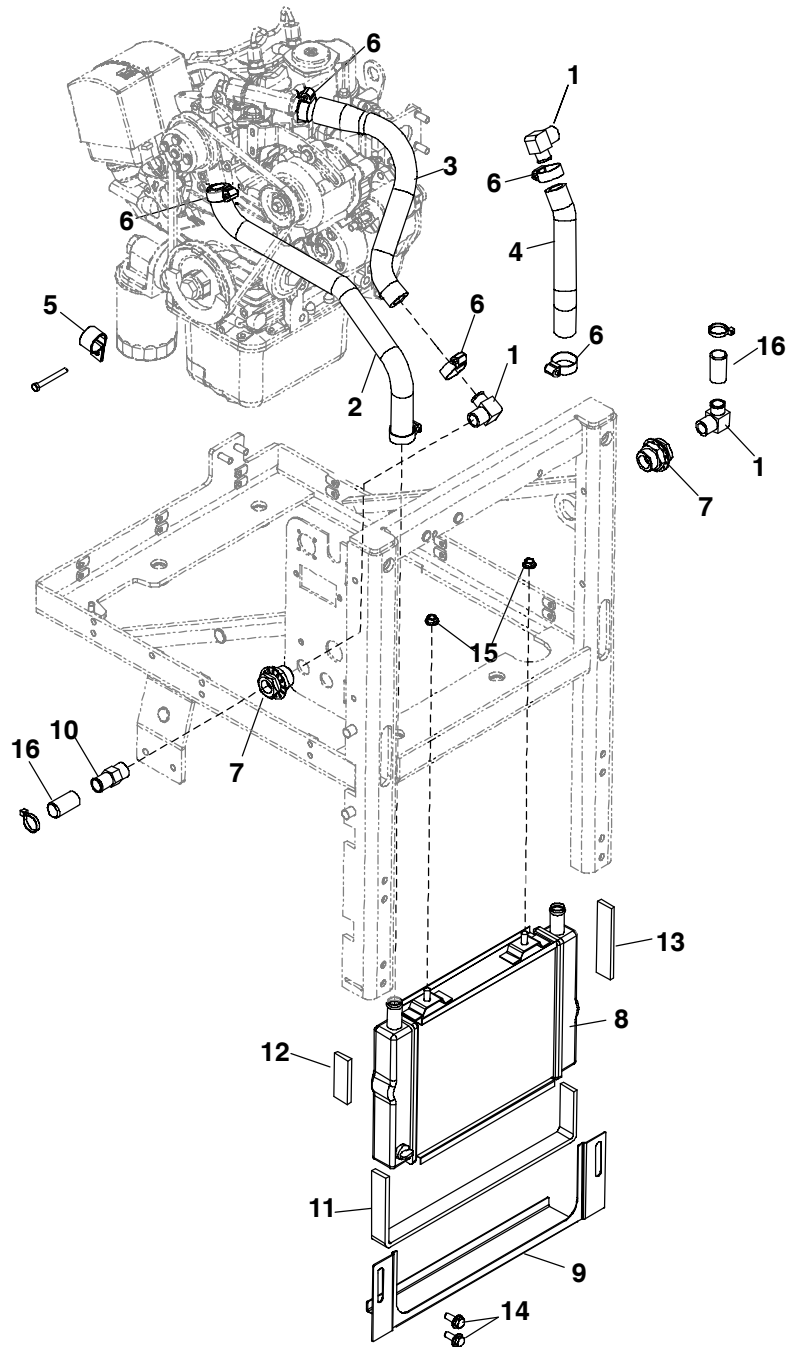
Water Pump



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Pump Assy, Water (Includes Parts Marked *)	7	185-5434	1	Gasket, Water Pump
	132-0492	1	Spec A	8	185-2559	5	Bolt
	132-0523	1	Begin Spec B	9	185-5717	2	Bolt
2	185-5712	1	*Flange	10	185-5707	1	Pulley, Coolant Pump
3			*Bearing	11			Bolt, Flange
	185-5713	1	Spec A		185-2572	4	Spec A
	181-9066	1	Begin Spec B		800-6542	4	Begin Spec B
4	185-5714	1	*Seal Assy, Mechanical				
5	132-0493	1	*Impeller, Water Pump				
6	185-5716	1	*Pipe, Water Return				

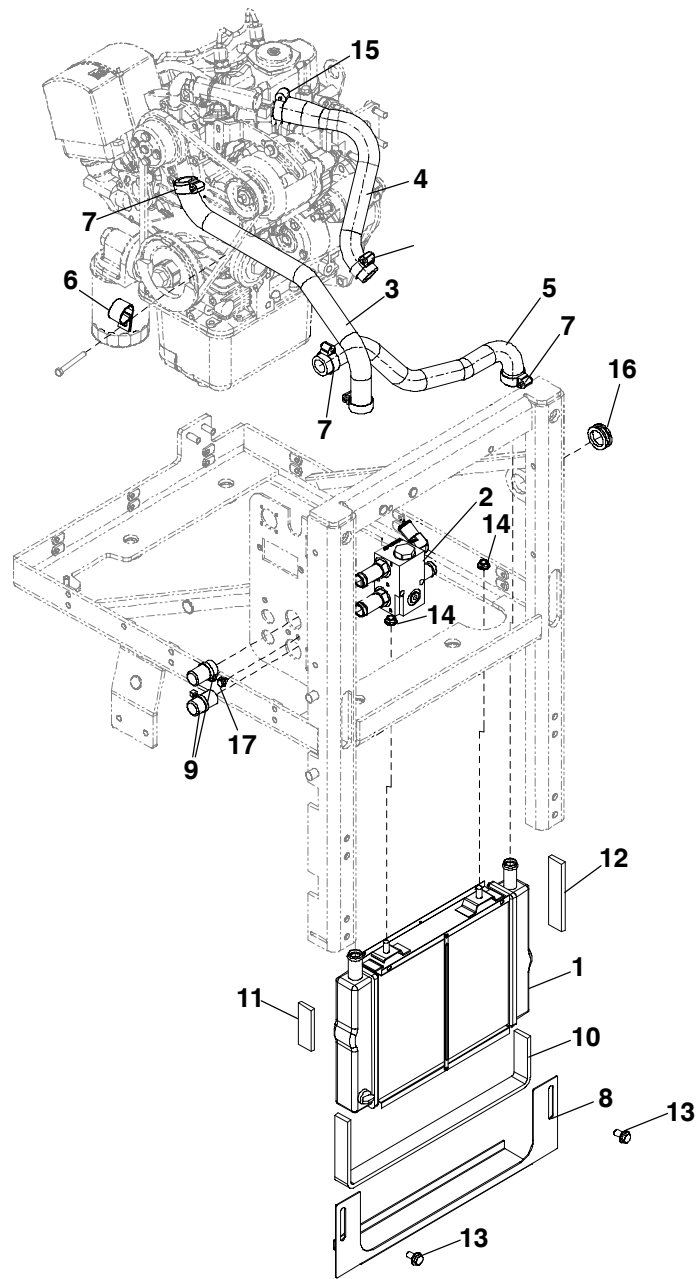
* - Parts Included in Water Pump Assy.

Cooling System (Truck Connection Spec A)



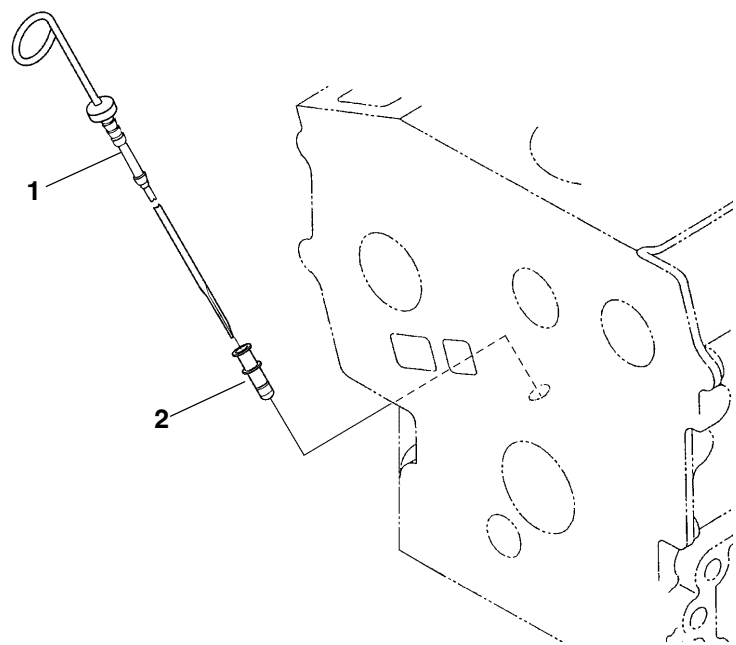
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	541-1546	1	Kit, Cooling System	11	140-2956	1	Seal, Radiator
1	502-1030	3	Connector, Hose (90°)	12	130-7329-02	1	Seal, Radiator
2	503-2849	1	Hose, Coolant (Radiator Out)	13	130-7329-03	1	Seal, Radiator
3	503-2771	1	Hose, Coolant (Engine Out)	14	821-2045	4	Screw, Locking Flange (M8 x 1.25 x 20mm)
4	503-2850	1	Hose, Coolant (Radiator In)	15	870-2055	2	Nut, Locking Flange (M8 1.25mm)
5	518-0548-29	1	Clamp, Hose	16	517-0395	2	Plug, Cap
6	503-1136	6	Clamp, Hose				
7	502-1564	2	Connector, Hose (Bulkhead)				
8	130-8268	1	Radiator				
9	130-6989-02	1	Bracket, Radiator				
10	502-1031	1	Connector, Hose				

Cooling System (Truck Connection Begin Spec B)



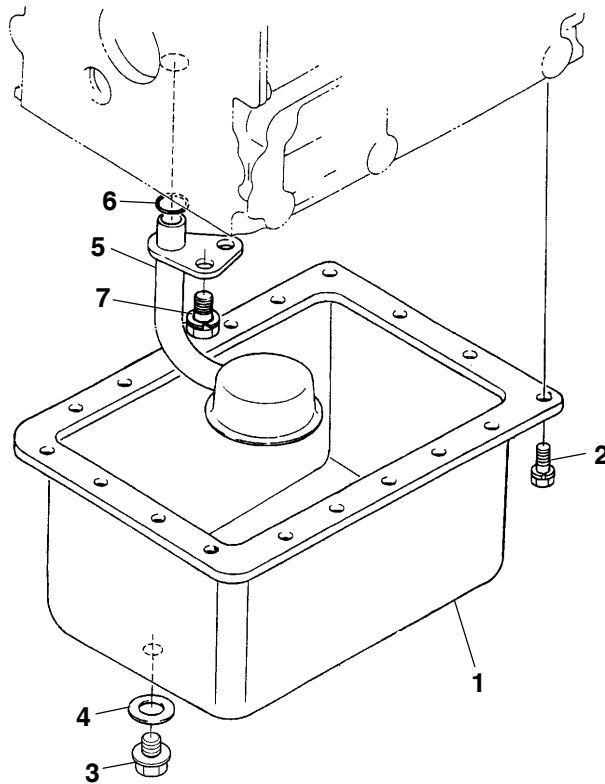
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-8268	1	Radiator	12	130-7329-03	1	Seal, Radiator
2	504-0332-01	1	Valve, Check	13	821-2045	4	Screw, Locking Flange (M8 x 1.25 x 16mm)
3	503-2849	1	Hose, Coolant (Radiator Out)	14	870-2055	2	Nut, Locking Flange (M8 1.25mm)
4	503-2771	1	Hose, Coolant (Engine Out)	15	503-0189	1	Clamp, Hose
5	503-3028	1	Hose, Coolant (Radiator In)	16	517-0423	1	Plug, Hole
6	518-0548-29	1	Clamp, Hose	17	821-2096-01	2	Screw, Locking Flange (M6 x 1.0 x 8mm)
7	503-1136	5	Clamp, Hose				
8	130-6989-02	1	Bracket, Radiator				
9	517-0395	2	Plug, Cap				
10	140-2956	1	Seal, Radiator				
11	130-7329-02	1	Seal, Radiator				

Oil Fill Indicator



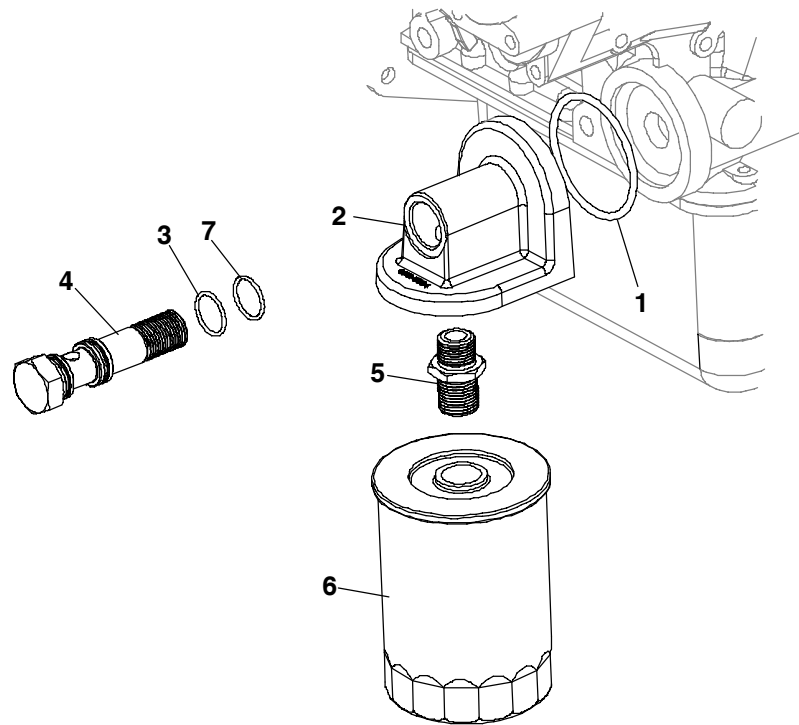
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	420-0630	1	Indicator, Oil Level
2	123-2262	1	Tube, Oil Level

Oil Pan



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	102-1534	1	Kit, Oil Pan (Includes Pan and Drain Plug)	4	120-1380	1	Seal, Oil
1	185-5804	1	Pan, Oil	5	185-5496	1	Pickup, Oil
2	185-2387	18	Bolt	6	185-7421	1	O'Ring
3	185-6046	1	Plug, Drain	7	185-6956	1	Bolt

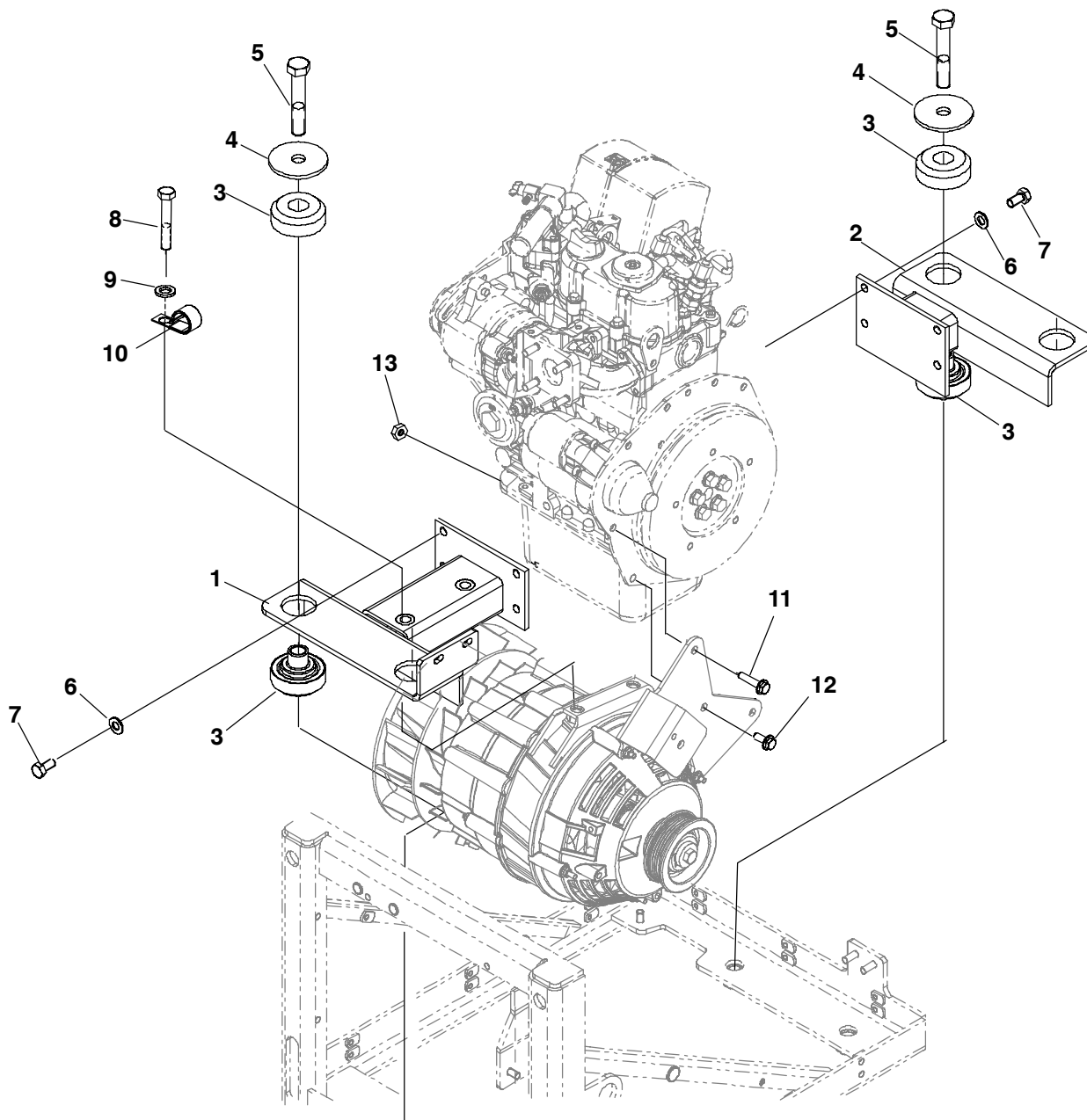
Oil Filter



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	509-0366	1	O'Ring, Seal
2	122-0903	1	Adapter, Oil Filter
3	509-0205	1	O'Ring
4	122-0905	1	Adapter, Oil Filter (Bolt)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
5	185-2124	1	Adapter, Oil Filter
6	185-5471	1	Filter, Oil
7	509-0476	1	O'Ring

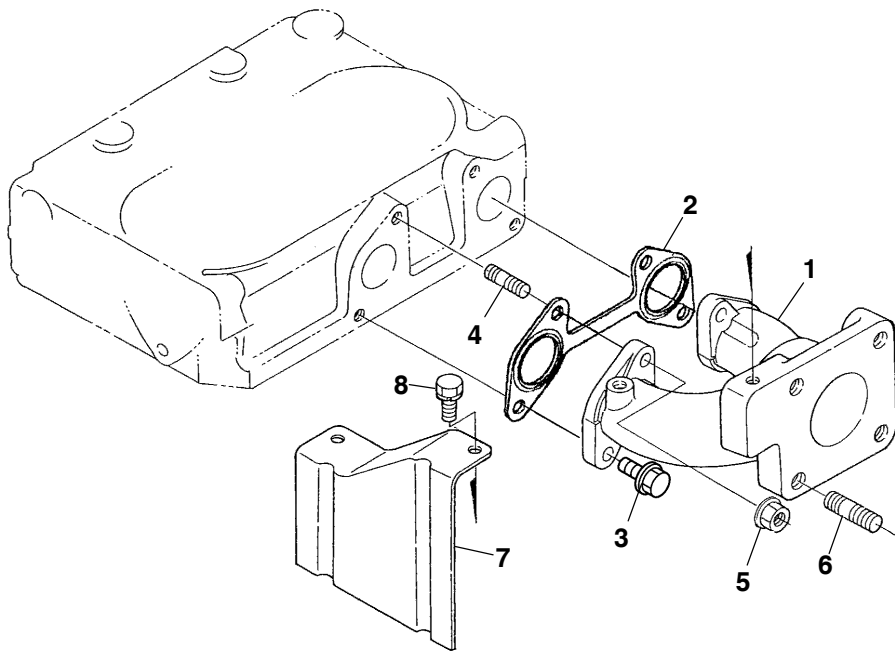
Mounting



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	403-6354-02	1	Mount, Generator Spec A
	403-7016-02	1	Begin Spec B
2	403-6353-02	1	Mount, Engine
3	402-0663-01	4	Isolator, Vibration
4	403-3042-02	4	Washer, Retainer
5	800-2183	4	Screw, Hex Head (M16 x 2 x 90mm)
6	526-0399-62	8	Washer, Flat (M10)
7	800-3004	8	Screw, Hex Head (M10 x 1.25 x 20mm)

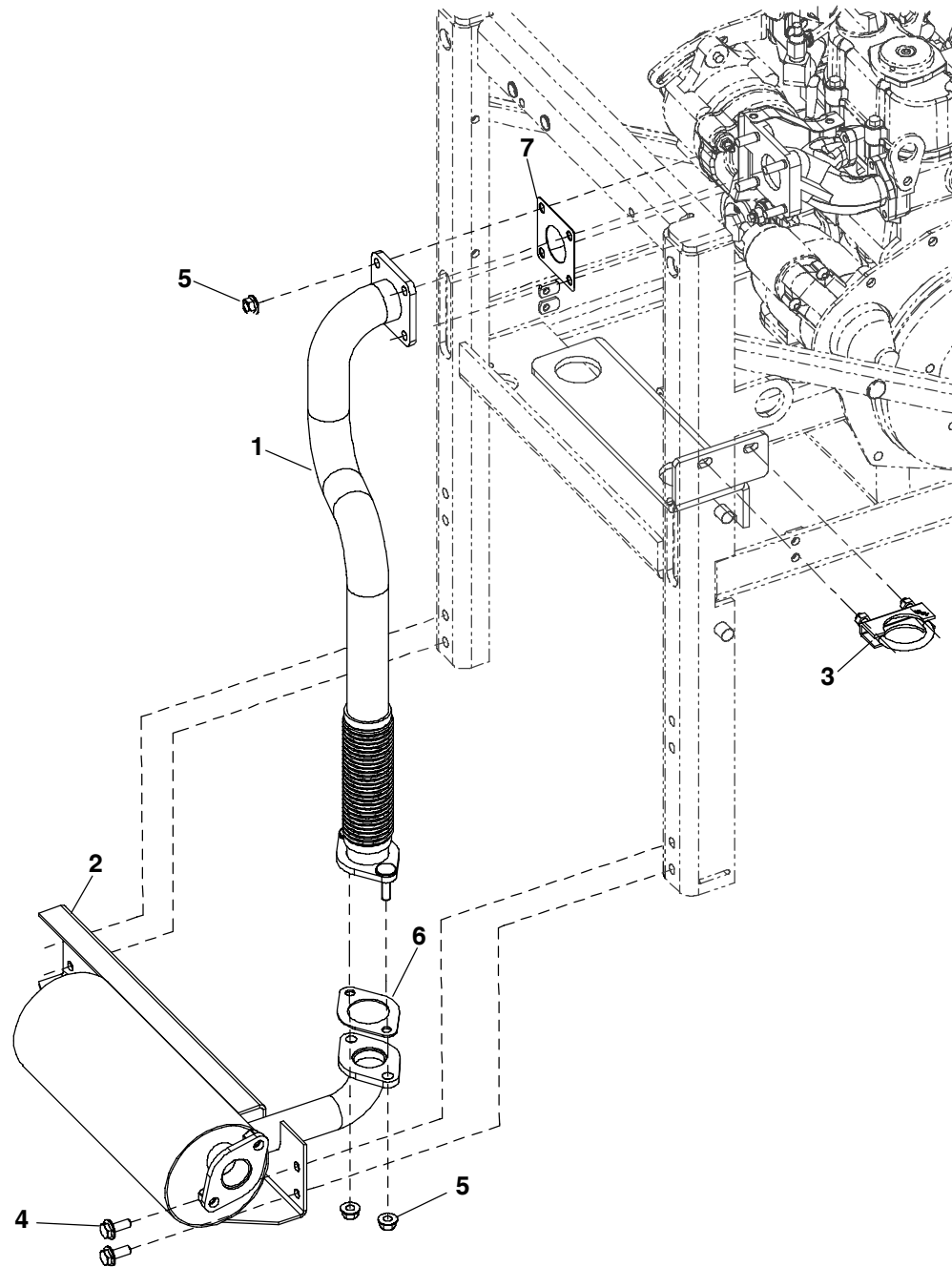
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
8	800-2120	2	Screw, Hex Head (M12 x 1.75 x 70mm)
9	526-0399-73	2	Washer, Flat (M12)
10	518-0703	1	Clamp, J
11	821-2049	1	Screw, Locking Flange (M8 x 1.25 x 35mm)
12	821-2045	2	Screw, Locking Flange (M8 x 1.25 x 16mm)
13	870-2055	1	Nut, Locking Flange

Exhaust Manifold



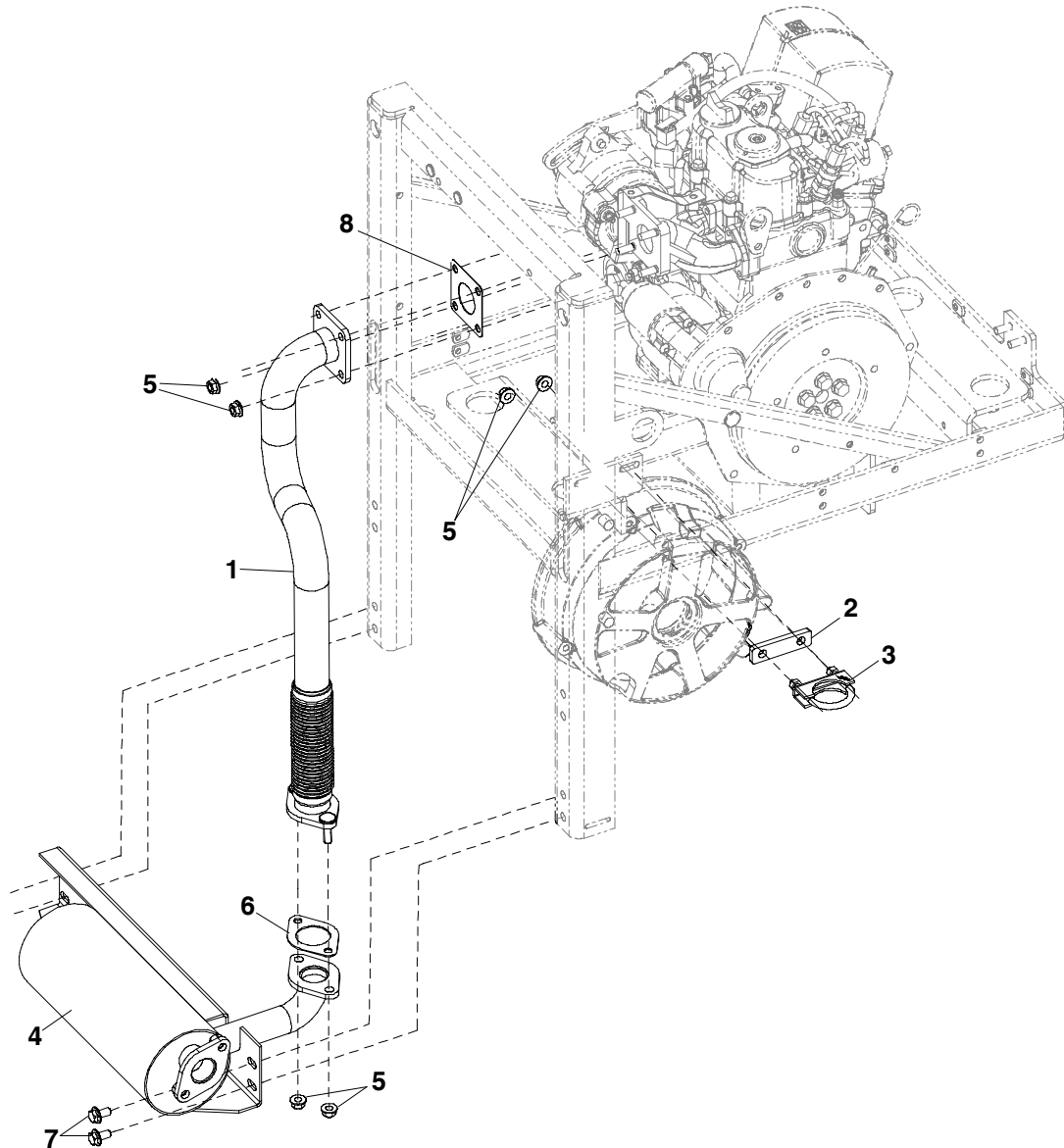
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	154-3241	1	Manifold, Exhaust	5	185-5536	2	Nut
2	155-4670	1	Gasket	6	185-2362	4	Stud
3	185-5534	2	Bolts	7	130-7619	1	Cover, Heat Proof
4	185-5829	2	Stud	8	185-7440	2	Bolt

Exhaust System (Spec A)



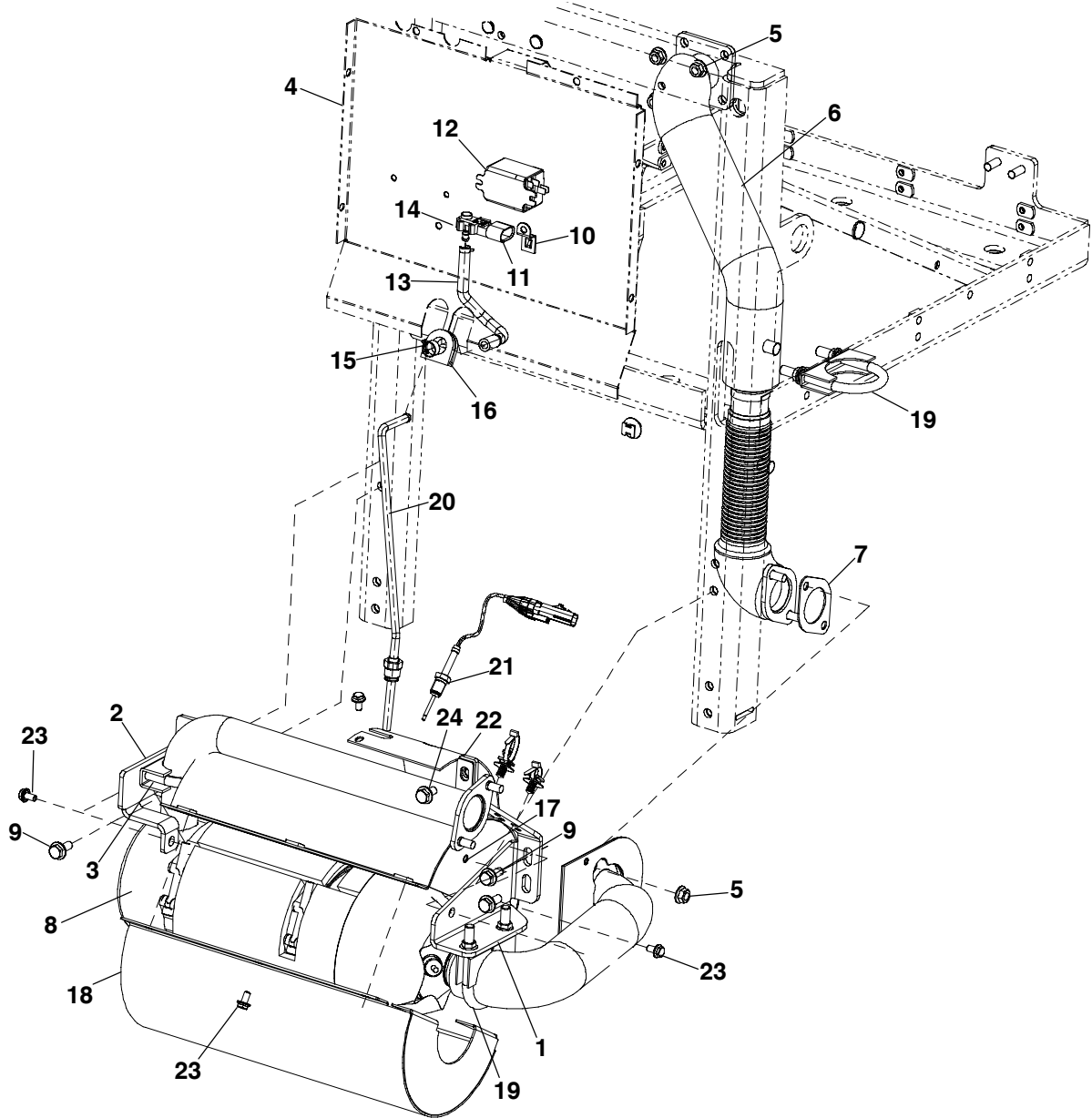
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	154-3213	1	Manifold, Exhaust	5	870-0557	6	Nut, Hex Flange (M8 x 1.25mm)
2	155-4649	1	Muffler	6	154-2800	1	Gasket, Exhaust Out
3	155-1015	1	Clamp, Muffler	7	185-6853	1	Gasket, Exhaust Out
4	821-2045	4	Screw, Lock Flange (M8 x 1.25 x 20mm)				

Exhaust System (Begin Spec B)



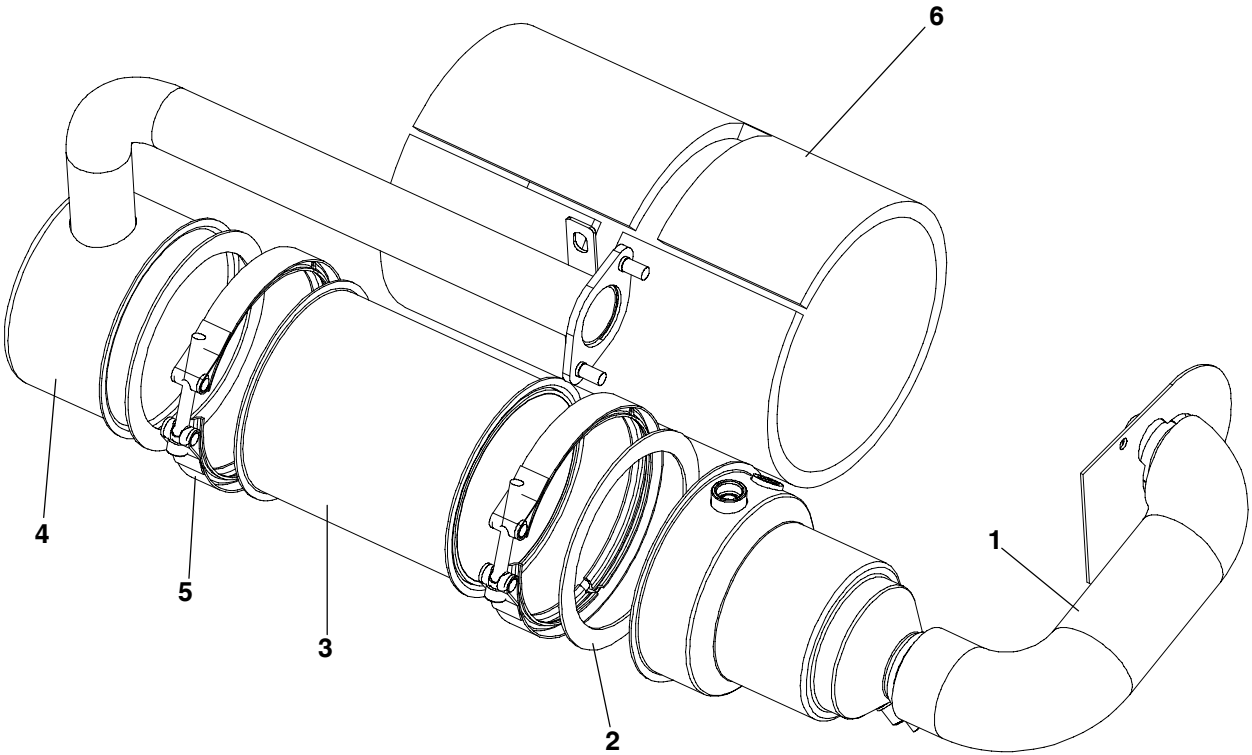
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	154-3213	1	Manifold, Exhaust	7	821-2045	1	Screw, Locking Flange (M8 x 1.25 x 16mm)
2	155-4951-02	1	Spacer (1/2")	8	185-6853	1	Gasket, Exhaust (Out)
3	155-1015	1	Clamp, Muffler				
4	155-4960	1	Muffler				
5	870-0557	8	Nut, Hex Flange (M8 x 1.25mm)				
6	154-2800	1	Gasket, Exhaust Out				

Exhaust Filter System (Spec B 7289 and 7290)



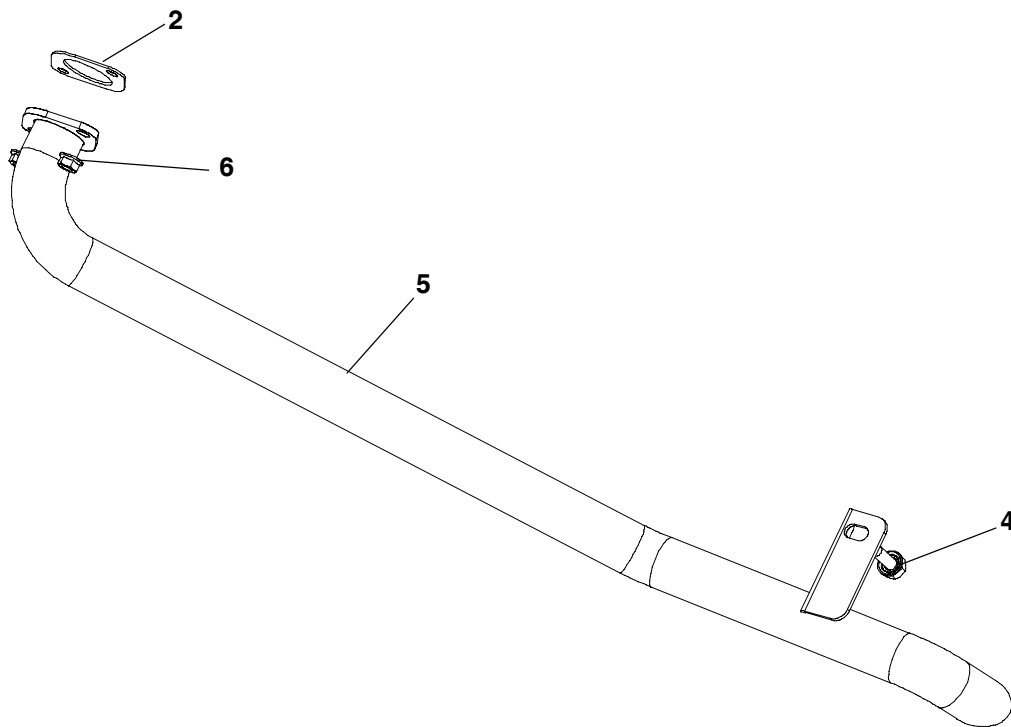
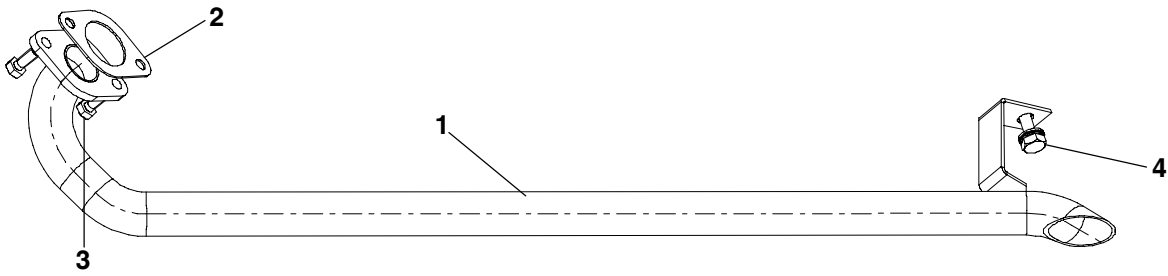
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-4802	1	Bracket, Exhaust Filter (Inlet)	13	503-3048	1	Hose, Air (DPF Filter)
2	155-4801	1	Bracket, Exhaust Filter (Outlet)	14	503-1445-01	1	Clamp, Hose
3	155-4900	1	Clamp, Exhaust	15	503-1445-06	1	Clamp, Hose
4	404-0600-02	1	Panel, Enclosure (Rear Access)	16	508-1105	1	Grommet
5	870-0557	6	Nut, Hex Flange (M8 x 1.25mm)	17	404-0602	1	Panel, Enclosure (Filter Cover)
6	154-3261	1	Manifold, Exhaust	18	404-0603	1	Cover, Access (Filter Cover)
7	154-2800	1	Gasket, Exhaust Manifold	19	155-4943	2	Clamp, Exhaust (U Bolt)
8	155-4919	1	Assy Filter, Exhaust	20	130-7893	1	Tube, Air (Inlet Pressure)
9	821-2046	5	Screw, Lock Flange (See following page for Parts) (M8 x 1.25 x 20mm)	21	193-0646	1	Sensor, Temperature (PM Filter Temp)
10	155-4899-02	1	Bracket, Exhaust (Pressure Sensor)	22	404-0611	1	Cover, Access (DPF Cover)
11	193-0642	1	Sensor, Pressure (Exhaust Filter)	23	821-2096-02	12	Screw, Lock Flange (M6 x 1.0 x 12mm)
12	307-3165	1	Relay (35 Amp)	24	821-2045	1	Screw, Lock Flange (M8 x 1.25 x 16mm)

Exhaust Filter (Begin Spec B)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	155-4919	1	Assy Filter, Exhaust	5	155-4916	2	Clamp, Exhaust
1	133-0238	1	Heater, Air	6	154-3262	1	Blanket, Filter
2	155-4915	2	Gasket, Exhaust (DPF Filter)				
3	155-4804	1	Filter, Exhaust				
4	155-4805	1	Pipe, Exhaust				

Tailpipe Kits



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	541-1623	1	Kit, Exhaust (Includes Parts Marked*)	4	821-6004-01	1	*+Screw, Hex Head Sems (M10 x 1.5 x 20mm)
	541-1386	1	Kit, Exhaust (Includes Parts Marked+)	5	155-4806	1	+Tailpipe, Exhaust
1	133-0238	1	*Heater, Air	6	870-0557	2	+Nut, Hex Flange Head (M8 x 1.25)
2	155-4915	2	*+Gasket, Exhaust (DPF Filter)				
3	800-2057	2	*Screw, Hex Head Cap (M10 x 1.5 x 20mm)				

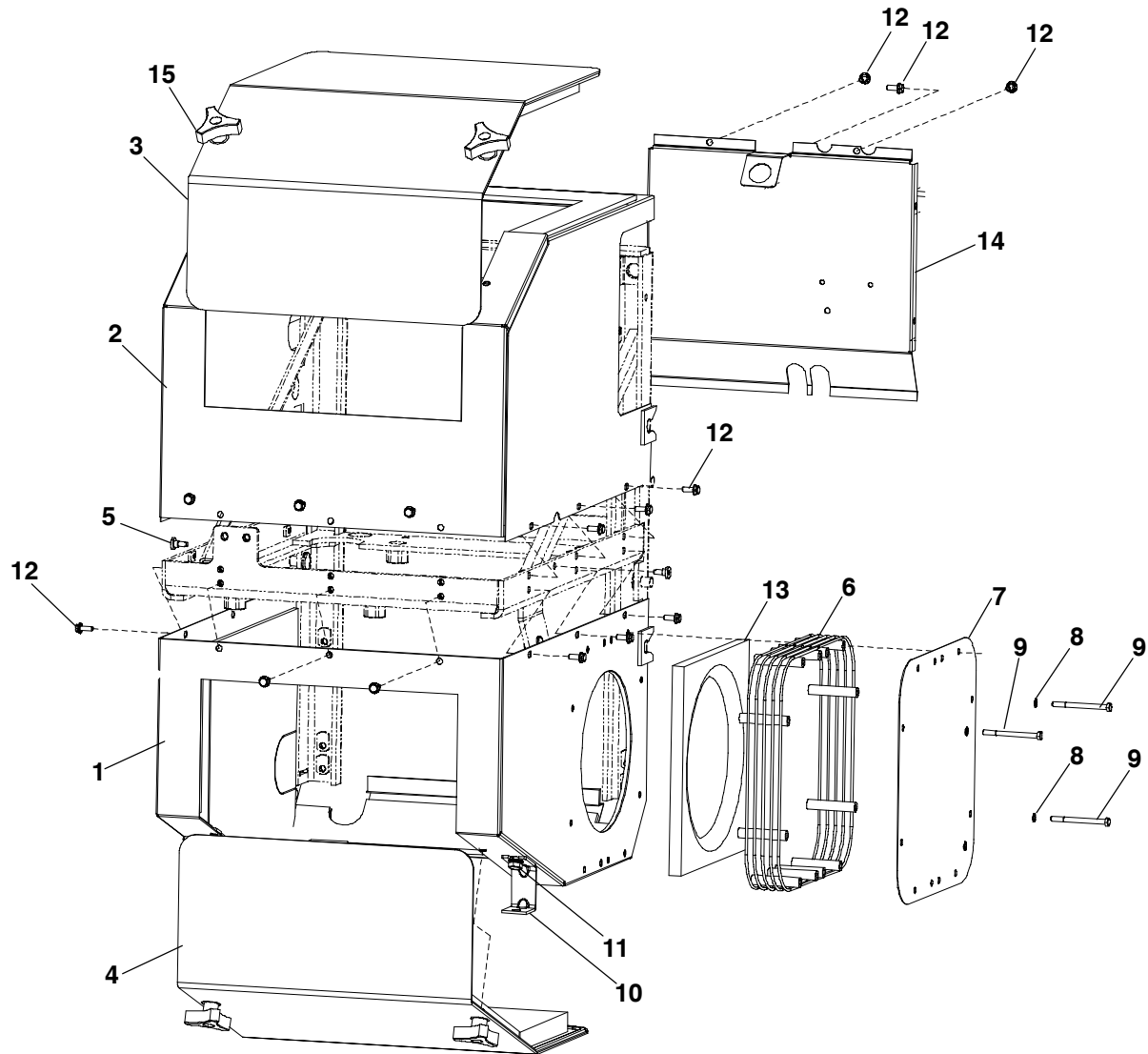
This exploded view diagram illustrates the assembly of a mechanical unit. The components are numbered as follows:

- 1**: Main upper housing or frame.
- 2**: Internal structural component or support.
- 3**: Lower housing or base plate.
- 4**: Bottom cover or access panel.
- 5**: Mounting bracket or support arm.
- 6**: Cable management or connector assembly.
- 7**: Side panel or cover plate.
- 8**: Screws or fasteners used throughout the assembly.
- 9**: Small mounting pin or clip.
- 10**: Small bracket or support piece.
- 11**: Cable bundle or wiring harness.
- 12**: Rear panel or back cover.
- 13**: Top cover or lid.

The diagram shows the spatial relationship between these parts, with dashed lines indicating the alignment and assembly sequence. For example, the top cover (13) is shown being attached to the main housing (1) using screws (8). The rear panel (12) is shown being secured to the back of the main housing (1) with screws (8). The side panel (7) is shown being attached to the side of the main housing (1) using screws (8). The bottom cover (4) is shown being attached to the base of the main housing (1) using screws (8). The cable management assembly (6) is shown being attached to the side of the main housing (1) using screws (8). The internal component (2) is shown being attached to the main housing (1) using screws (8). The mounting bracket (5) is shown being attached to the main housing (1) using screws (8). The small bracket (10) is shown being attached to the main housing (1) using a pin (9). The side panel (7) is shown being attached to the side of the main housing (1) using screws (8). The bottom cover (4) is shown being attached to the base of the main housing (1) using screws (8). The cable management assembly (6) is shown being attached to the side of the main housing (1) using screws (8). The internal component (2) is shown being attached to the main housing (1) using screws (8). The mounting bracket (5) is shown being attached to the main housing (1) using screws (8). The small bracket (10) is shown being attached to the main housing (1) using a pin (9).

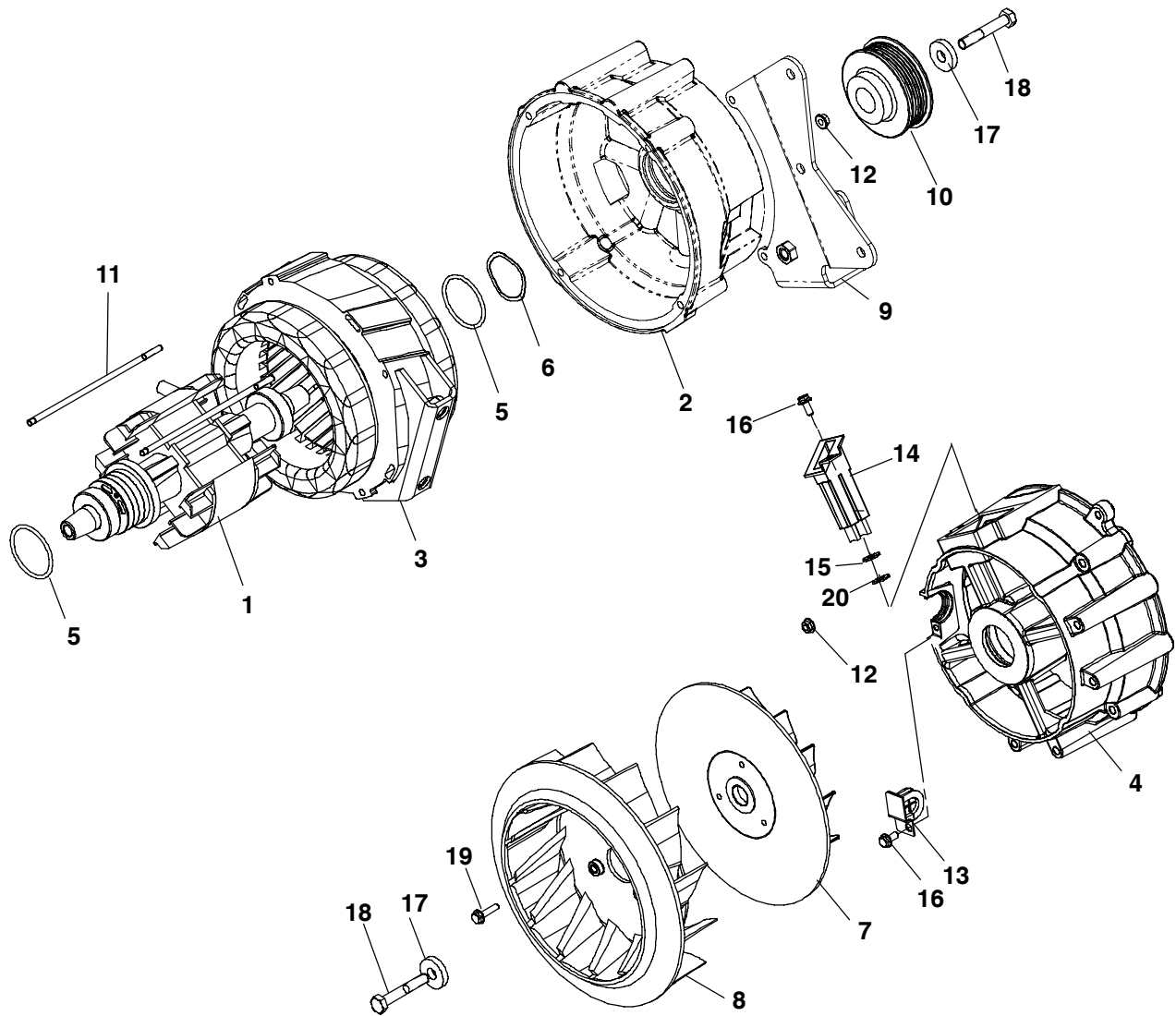
DKHA

Enclosure Assembly (Begin Spec B)



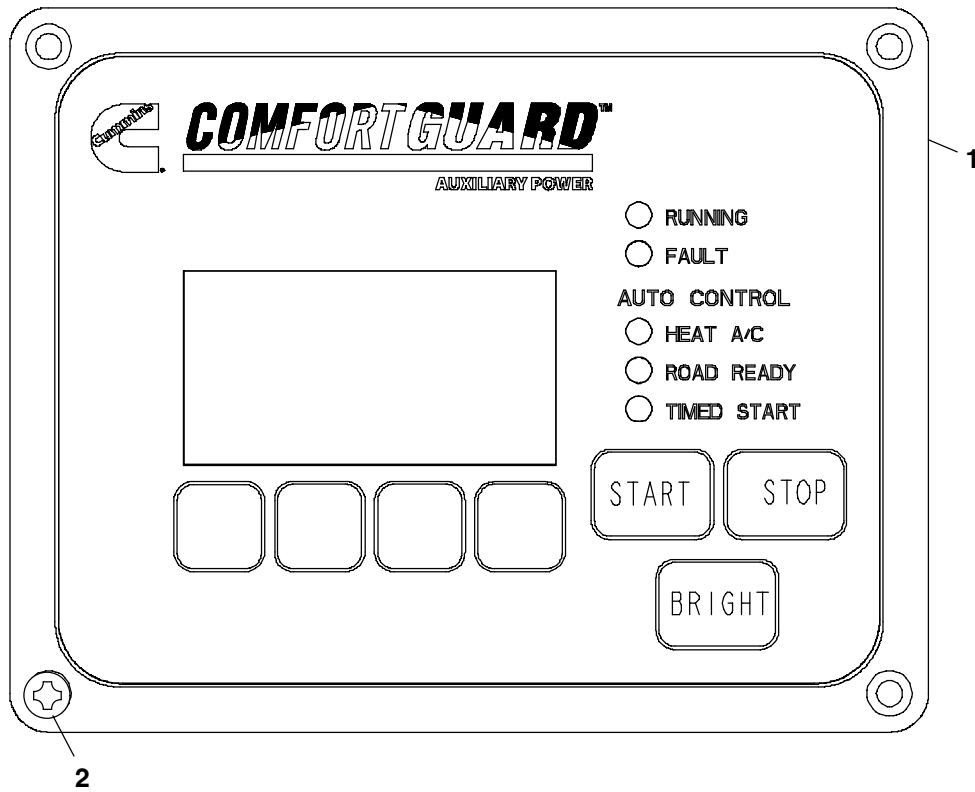
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	404-0471	1	Enclosure (Bottom Housing)	10	414-2097	2	(M6 x 1.0 x 75mm)
2	405-9791	1	Enclosure (Top Housing)	11	821-6004-01	2	Bracket, Shipping
3	405-9776	1	Cover, Access (Top)	12	821-2096-03	24	Screw, Hex Head Sems (M10 x 1.5 x 20mm)
4	405-9777	1	Cover, Access (Bottom)	13	405-9825	1	Screw, Locking Flange (M6 x 1.0 x 16mm)
5	823-0015	2	Screw, Torx Shoulder (M6 x 1 x 10mm)	14	404-0600-02	1	Insulation, Inlet
6	234-1074-02	2	Screen, Intake	15	406-1141	4	Panel, Enclosure (RearAccess)
7	405-9716-02	1	Panel, Enclosure (Bottom)				Handle, Enclosure
8	853-0040-54	12	Washer, Locking Etit (M6)				
9	800-6450	12	Screw, Hex Head Sems				

Generator



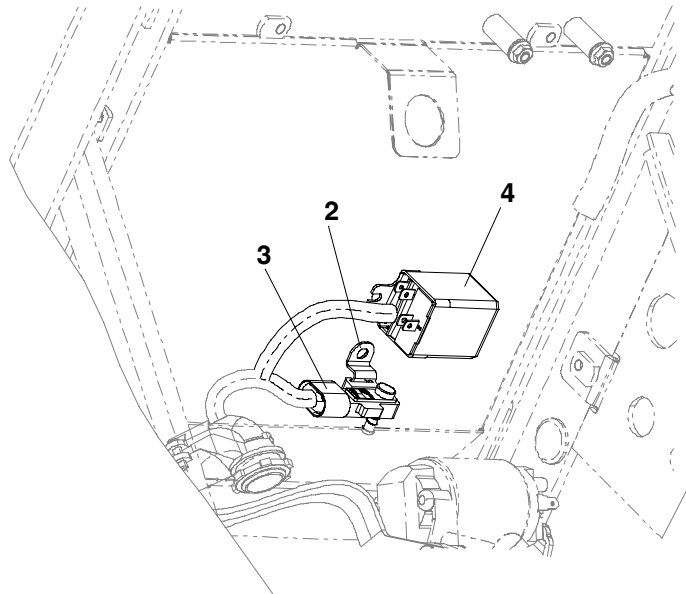
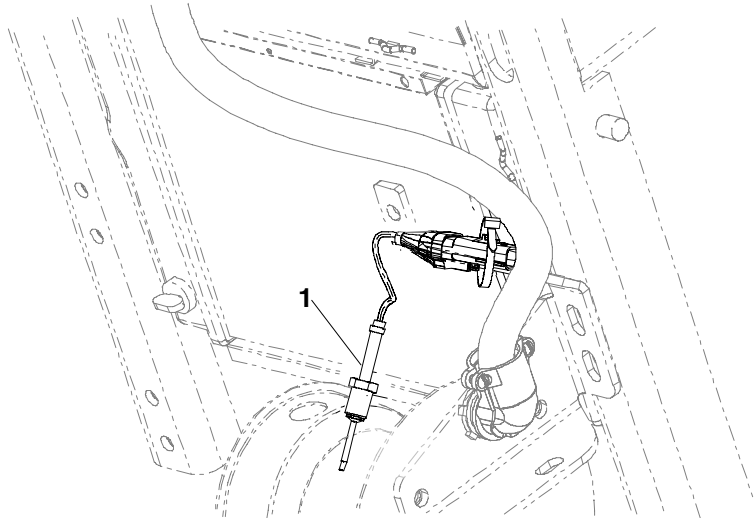
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	201-3678-02	1	Rotor	12	870-2054	8	Nut, Hex Flanged (M6 x 1mm)
2	211-0532	1	Endbell	13	508-1265	1	Grommet
3	220-4686-02	1	Stator	14	212-1303	1	Block Assy, Brush
4	211-0521	1	Endbell	15	526-0052	1	Washer, Flat (M6)
5	509-0420	2	O'Ring	16	815-0941-03	2	Screw, Locking Flange
6	851-0045	1	Washer, Wave	17	526-0017	2	Washer, Flat
7	205-0347	1	Fan, Generator	18	800-2091	2	Screw, Hex Head (M10 x 1.5 x 50mm)
8	205-0289	1	Fan, Generator	19	800-6296-01	3	Screw, Flange (M6 x 25mm)
9	403-6737-02	1	Bracket, Generator	20	518-0394	1	O'Ring
10	512-0361	1	Pulley				
11	520-1032	4	Stud				

Remote Display



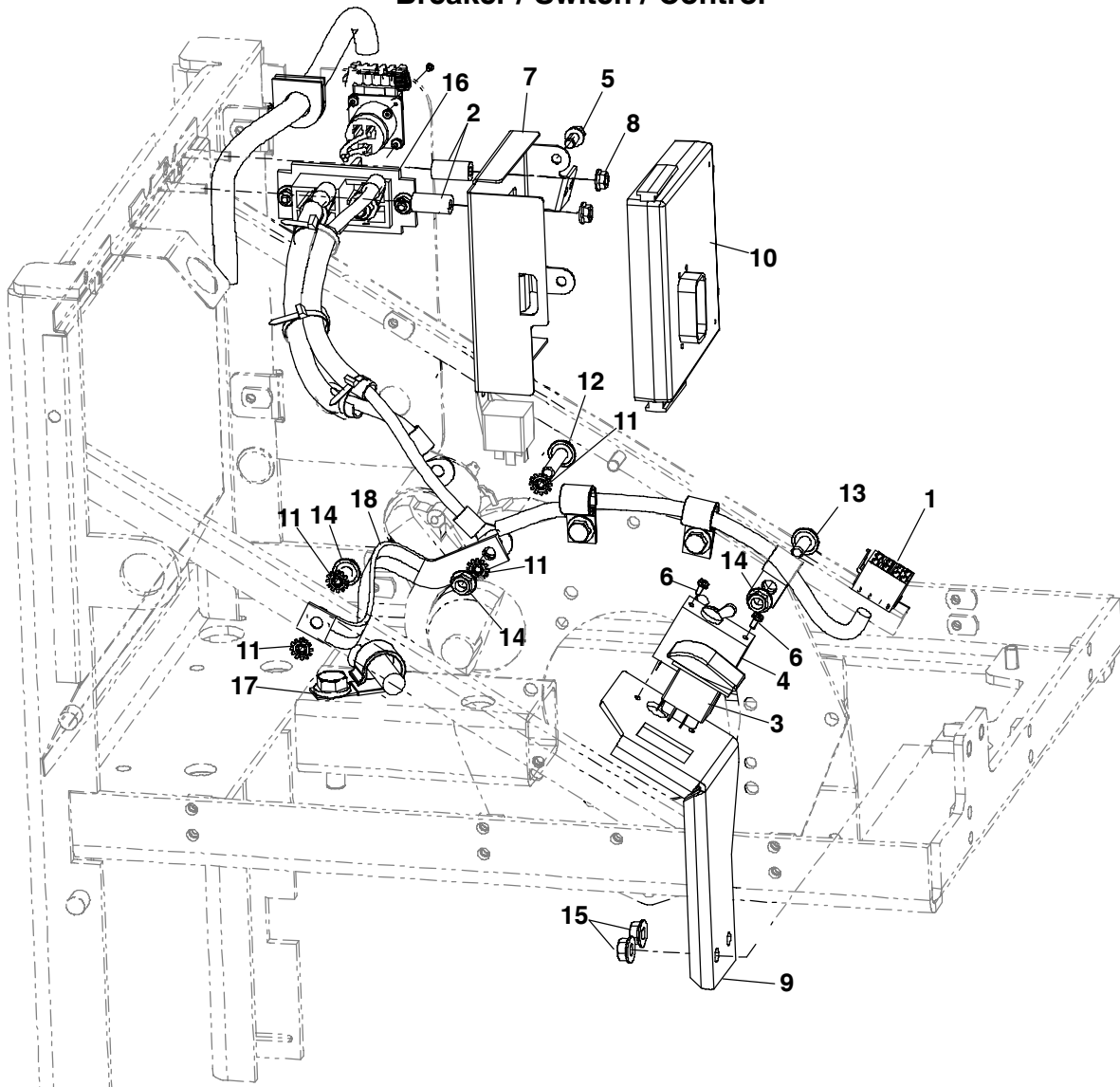
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Control, Remote
	300-6249	1	Spec A
	300-6502	1	Begin Spec B 7289 and 7290
2	814-2155-01	4	Screw, Flat Head XREC

Sensors (Begin Spec B 7289 and 7290)



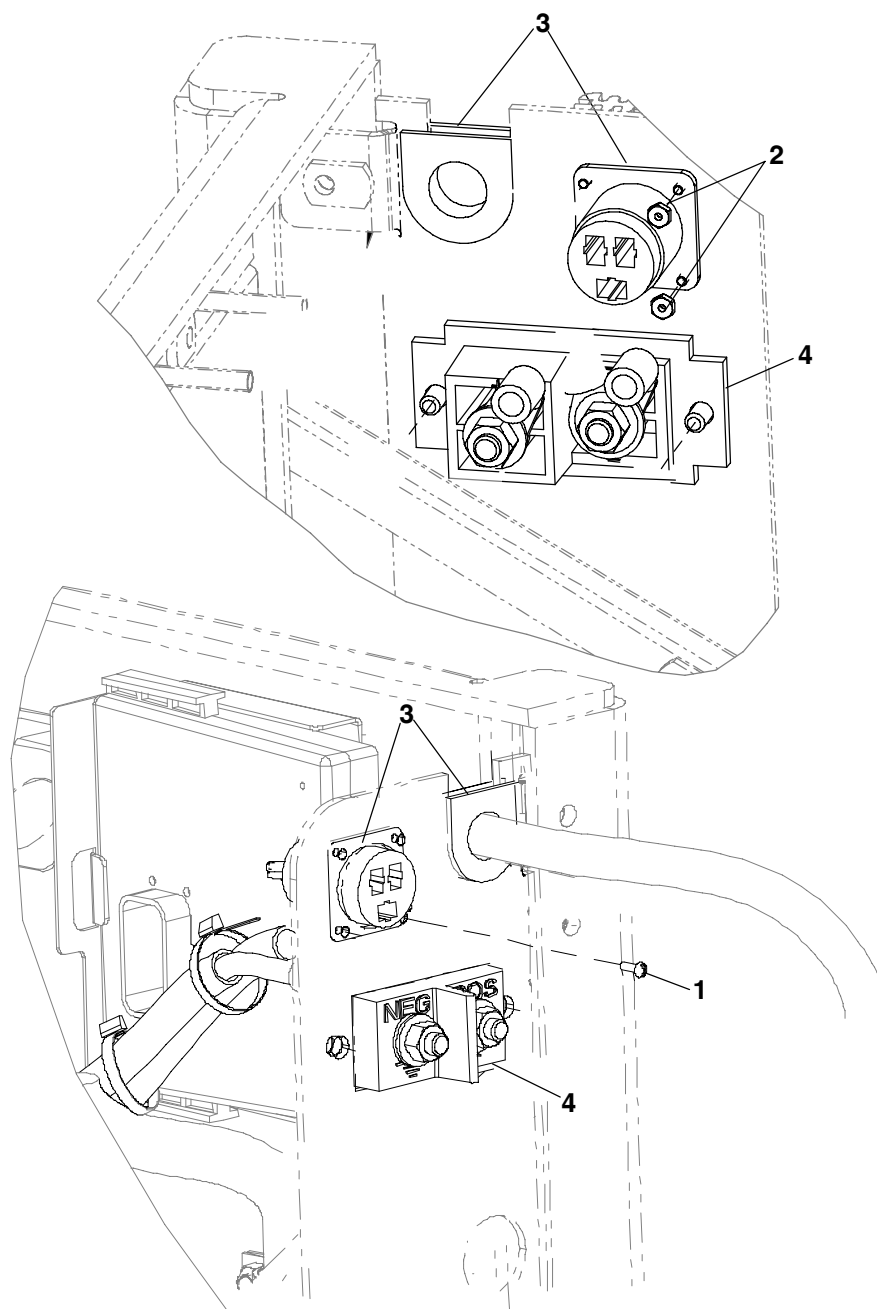
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	193-0646	1	Sensor, Temperature
2	155-4899-02	1	Bracket, Exhaust (Pressure Sensor)
3	193-0642	1	Sensor, Pressure (Exhaust Filter)
4	307-3165	1	Relay (35Amps)

Breaker / Switch / Control



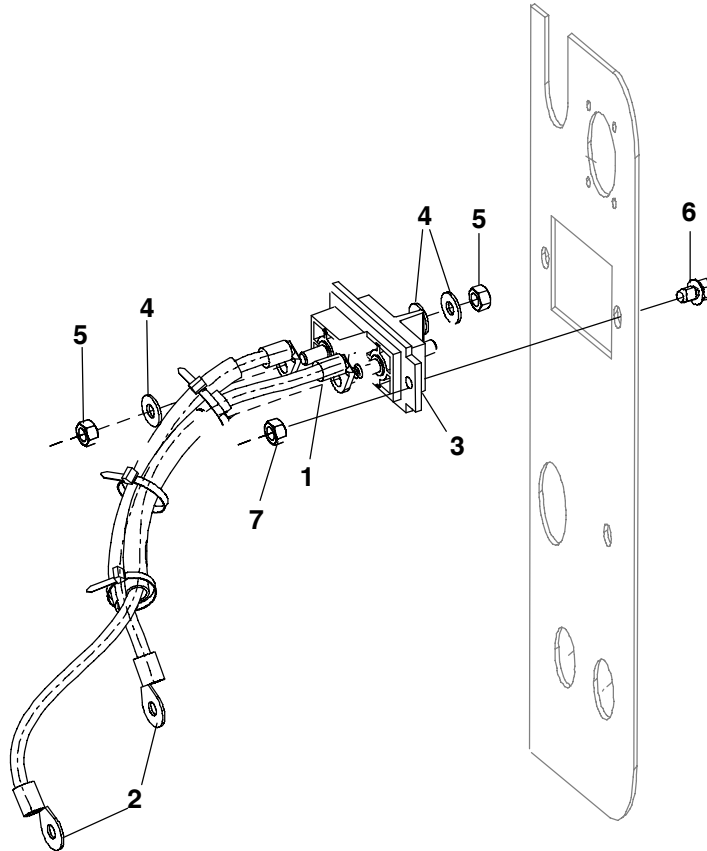
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	-	1	Harness, Engine (See Engine Harness Page)	10	A028U880	1	PCB, Control
2	319-6485	2	Spacer, Control	11	856-0002	4	Washer, ETIT Locking (8#)
3	308-1038	1	Switch, Rocker	12	821-2050	1	Screw, Locking Flange (M8 x 1.25 x 40mm)
4			Breaker, Circuit	13	821-2046	3	Screw, Locking Flange (M8 x 1.25 x 20mm)
	320-1323	1	Spec A	14	870-2055	3	Nut, Locking Flange (M6 x 1.25mm)
	320-2540	1	Begin Spec B 7289 and 7290	15	870-2065-03	2	Nut, Hex Flanged (M8 x 1.25mm)
5	815-0943-02	1	Screw, Thread Form (1/4-10 x .5")	16	-	1	Harness, Battery (See Battery Harness Page)
6	815-0550-03	2	Screw, Xrec Pan Head (#6-32 x .375")	17	518-0703	1	Clamp, J
7	319-4511-02	1	Bracket, Control Box	18	337-3467	1	Strap, Bond
8	870-2065-02	4	Nut, Hex Flanged (M6 x 1mm)				
9	308-1227-02	1	Bracket, Switch				

Interface Panel



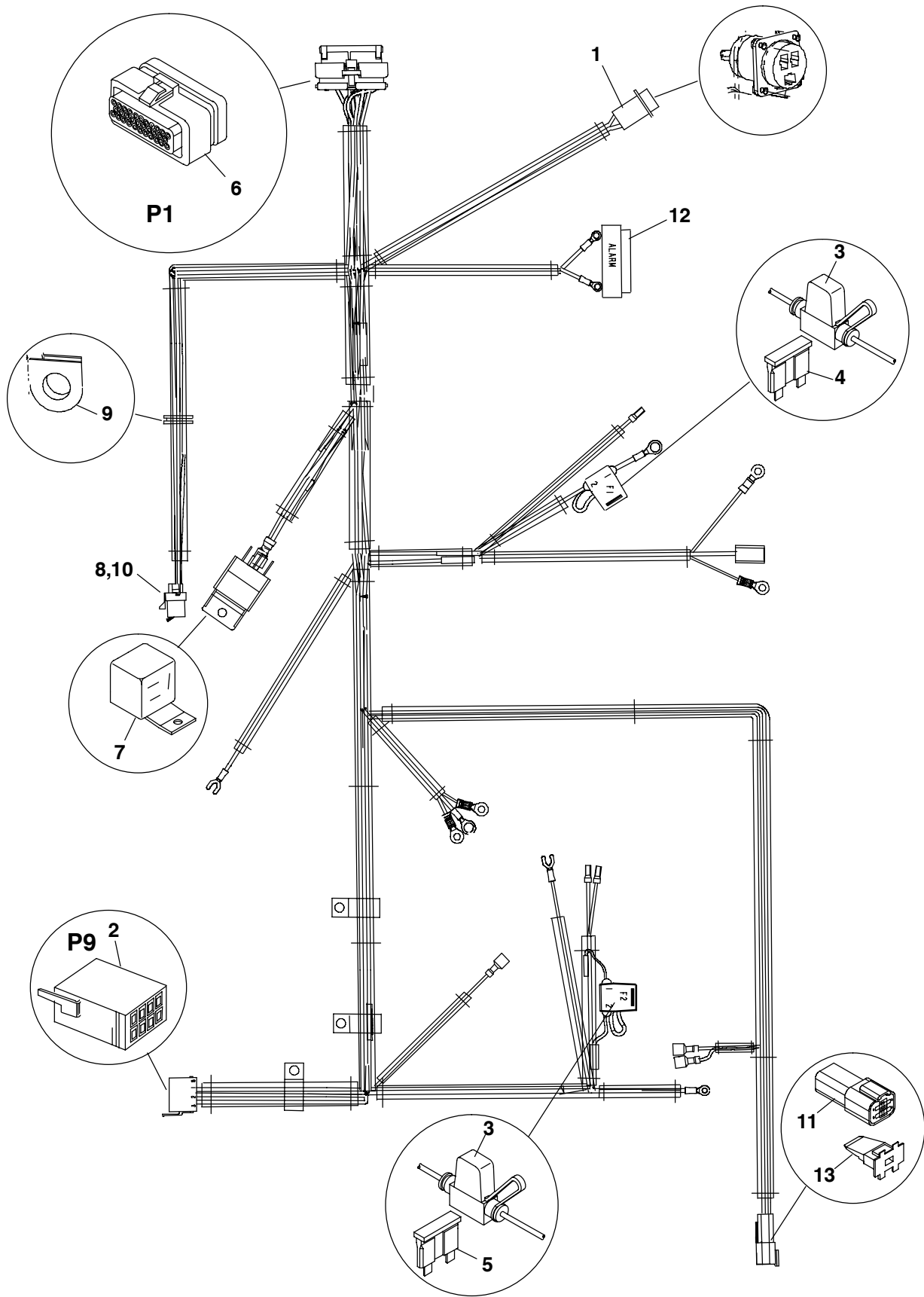
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	812-0029	4	Screw, Slotted Round HD (#4-40x .375")
2	862-0026-01	4	Nut, Hex
3	-	1	Harness, Engine (See Engine Harness Page)
4	-	1	Harness, Battery (See Battery Harness Page)

Battery Harness



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	338-4875	1	Harness, Battery (All Part Included)
1	332-3862	2	Terminal, Ring
2	332-0101	2	Terminal
3	332-3408	1	Block, Terminal
4	526-0054	6	Washer, Flat (.33ID)
5	871-0025	4	Nut, HB Full (5/16-18")
6	821-2096-03	2	Screw, Locking Flange (M6 x 1 x 16mm)
7	870-2065-02	2	Nut, Hex Flanged (M6 x 1mm)

Engine Harness

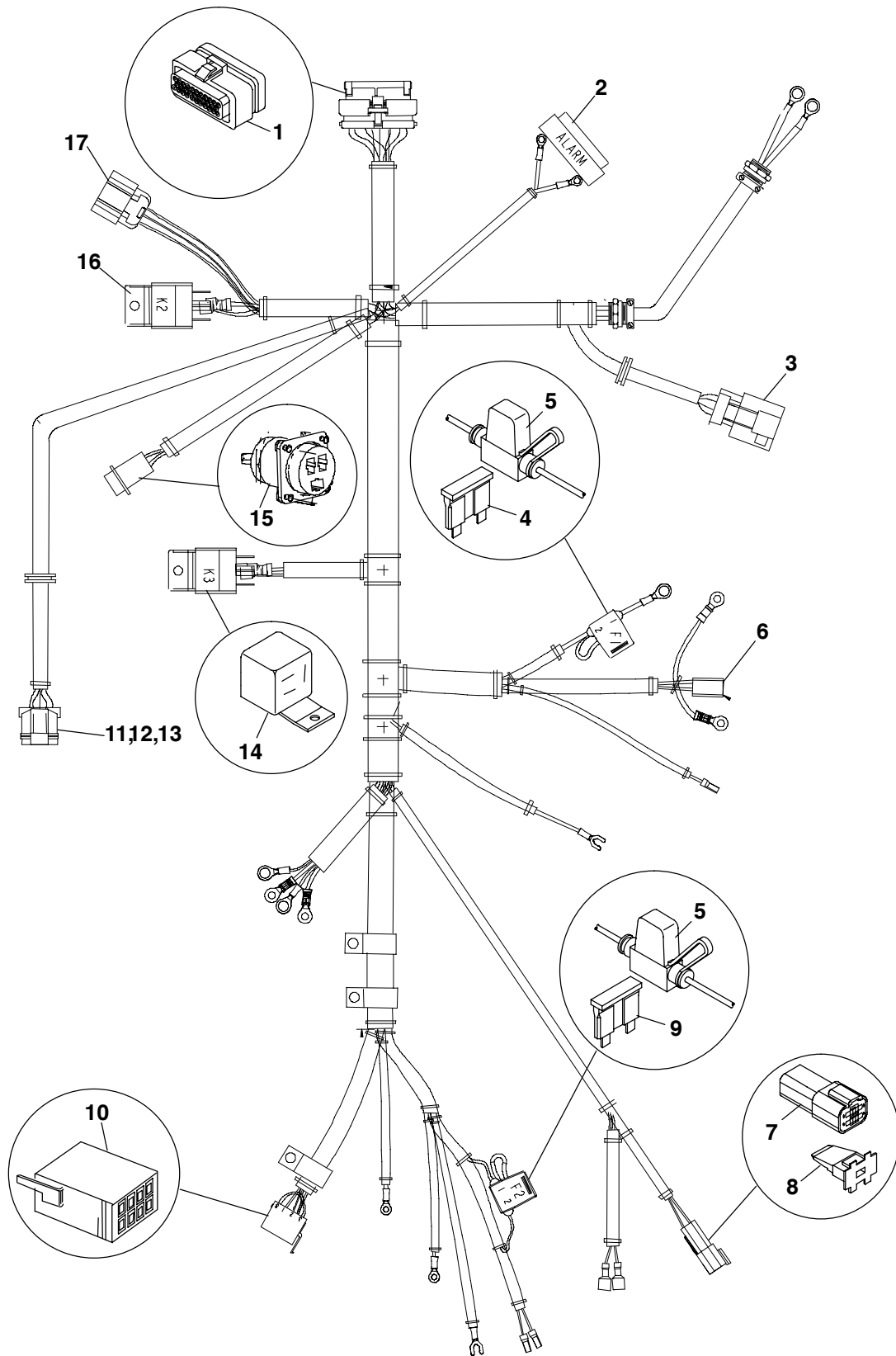


Engine Harness

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	338-4753	1	Harness, Control	9	508-1105	1	Grommet, Bulkhead
1	323-2348	1	Receptacle	10	323-1719	1	Housing, Locking
2	308-1019	1	Connector, Switch Housing	11	323-1549	1	Connector, Plug
3	321-0348	2	Holder, Fuse	12	333-0133	1	Alarm
4	321-0307-09	1	Fuse (30 Amp)	13	323-1547	1	Wedge
5	321-0307-03	1	Fuse (5 Amp)				
6	323-1819-01	1	Connector, Plug (35 Pin)				
7	307-1886	1	Relay (12V SPDT)				
8	323-1711	1	Connector, Plug (10 Pin)				

* See Control Page for location

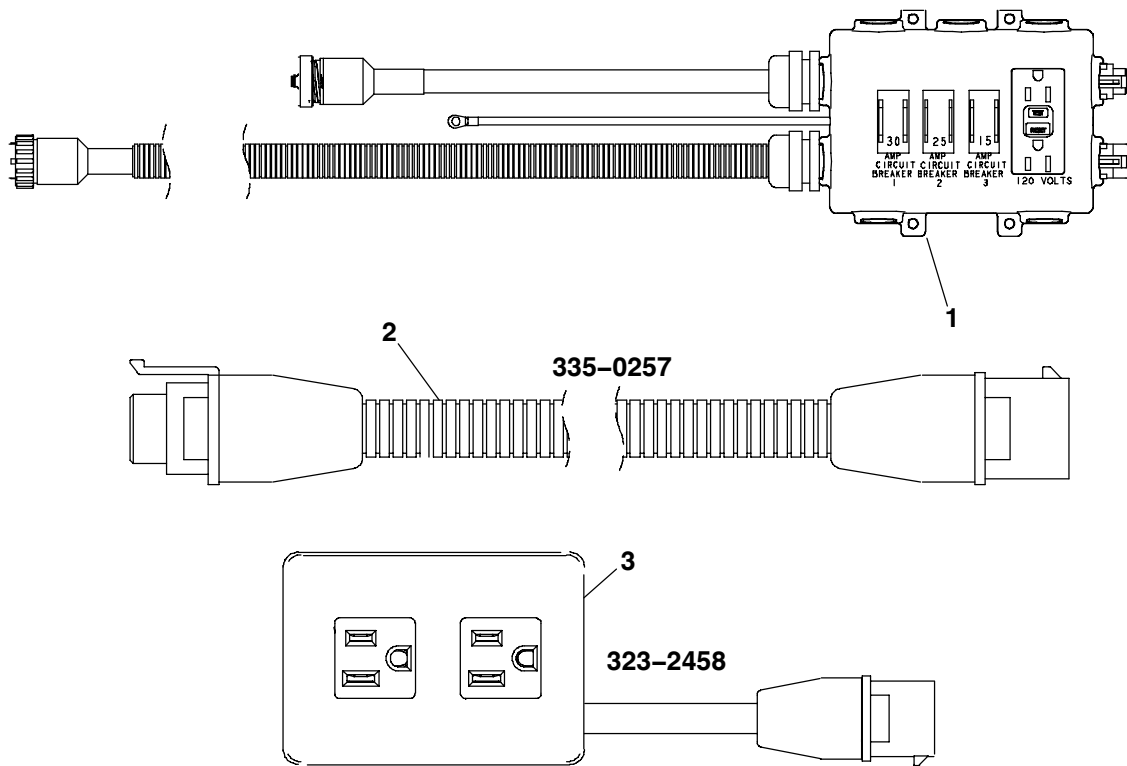
Engine Harness (Spec B 7289 and 7290)



Engine Harness

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	338-5121	1	Harness, Wire (35 Pin)	9	321-0307-03	1	Fuse (5 Amp)
1	323-2348	1	Receptacle	10	308-1019	1	Connector, Switch Housing
2	333-0133	1	Alarm	11	323-1711	1	Connector, Plug (10 Pin)
3	323-2568	1	Connector, Plug	12	323-1719	1	Housing, Lock
4	321-0307-09	1	Fuse (30 Amp)	13	323-1708	10	Seal
5	321-0348	1	Fuse, Holder	14	307-1886	1	Relay, 12V SPDT
6	185-5447	1	Connector	15	323-2348	1	Receptacle
7	323-1549	4	Connector, Plug (4 Pin)	16	307-3165	1	Relay
8	323-1547	1	Connector, Wedge	17	323-2569	1	Connector, Plug

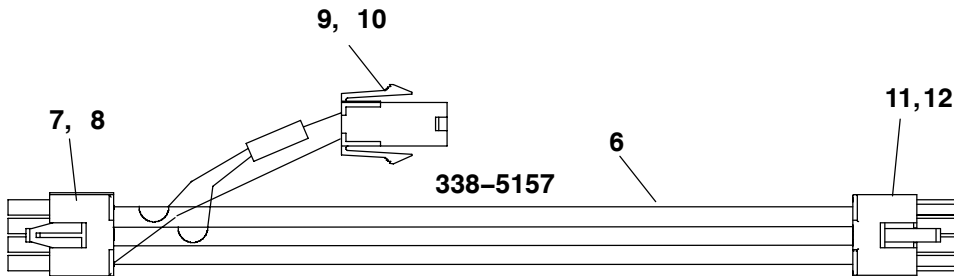
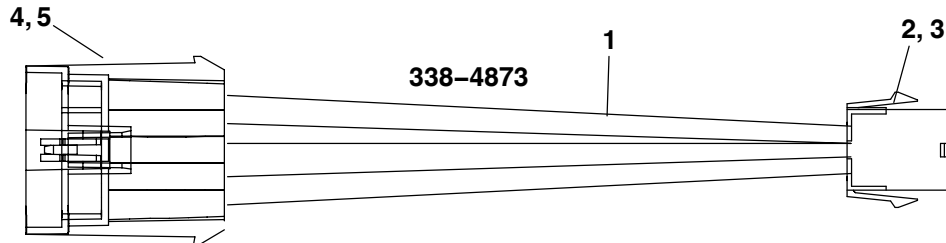
Circuit Breaker Box / Harnesses



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	319-7234	1	Assy Box, Circuit Breaker (Part Included Marked *)
1	319-7233	1	*Box, Breaker
2	335-0257	1	*Cable, Electric
3	323-2458	1	*Receptacle, Duplex

*

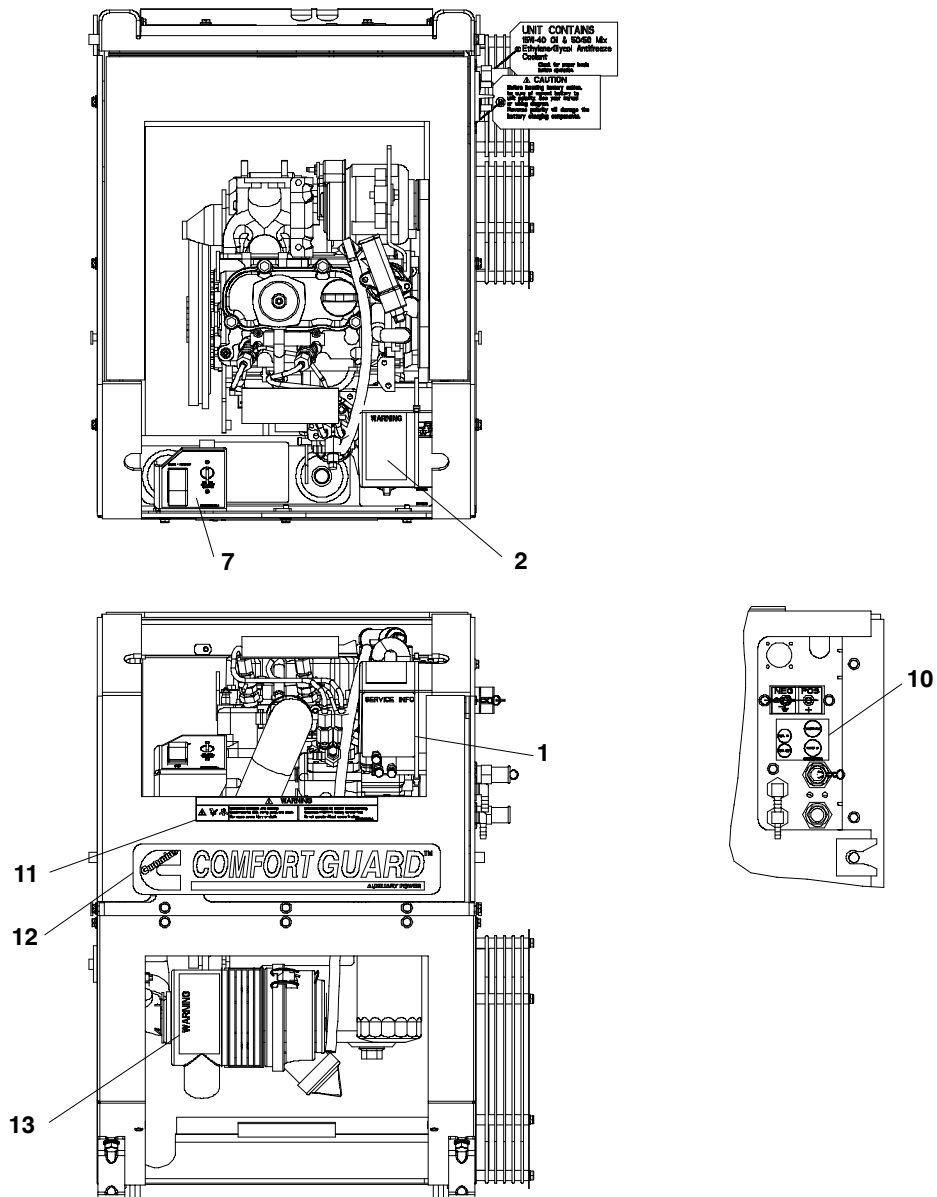
Remote Harnesses



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-4873		Harness, Remote Panel (Includes Parts Marked +)	9	323-2450	1	#Connector, Receptacle
2	323-2449	10	+Contact, Pin	10	323-2449	3	#Contact, Pin
3	323-2448	1	+Connector, Receptacle	11	323-2011	1	#Connector, Plug
4	323-1707	10	+Terminal, Pin	12	323-2063	7	#Contact, Socket
5	323-1710	1	+Connector, Receptacle (10 Pin)				
6	338-5157	1	Harness, Adapter (Includes Parts Marked #)				
7	323-2063	10	#Contact, Socket				
8	323-2447	1	#Connector, Plug				

* - Parts Included in Remote Harness.
+ - Parts Included in Remote Panel Harness.
- Parts Included in Adapter Harness.

Labels



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	98-8899-05	1	Label, Information Package	4DKHA-6206B and 7108B			
2	98-8899-04	1	Label, Warning (APU Cover)	10	98-8645-06	1	Label, Information
3	98-8899	1	Label, Information Packager	4DKHA-7289B and 7290B			
4	98-8899-06	1	Label, Information (Fuel-Water)	11	98-8899-02	1	Label, Warning (APU Start)
4DKHA-6204A, 7108A, 4DKHA-6206B and 7108B				12	98-8581	1	Label, Unit ID
5	98-8645-01	3	Label, Information	13	98-8899-01	3	Label, Information Package
6	98-8645-02	1	Label, Information	14	98-8899-03	1	Label, Information Package
7	98-8645-03	1	Label, Information				
8	98-8645-04	1	Label, Information				
9	98-8645-05	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>
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100-4083, 7		147-0898, 13		181-9066, 35		185-2096, 8	
101-0853, 7		149-2106, 29, 30		181-9096, 26		185-2115, 7	
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