

Cummins **Onan**



Parts Manual

Commercial Mobile Generator Set

HDKAL (Spec F–H)

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. Unless otherwise mentioned in the description or page heading, parts are interchangeable between models. Throughout this catalog right and left sides are determined by facing the engine end (front) of the set.

<u>MODEL</u>	<u>HERTZ</u>
HDKAL/*	50/60

* – 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 a standard model. The specification letter advances (A to B, B to C, etc.) with major manufacturing changes.

WIRING DIAGRAM

612-6637	AC-1 Phase
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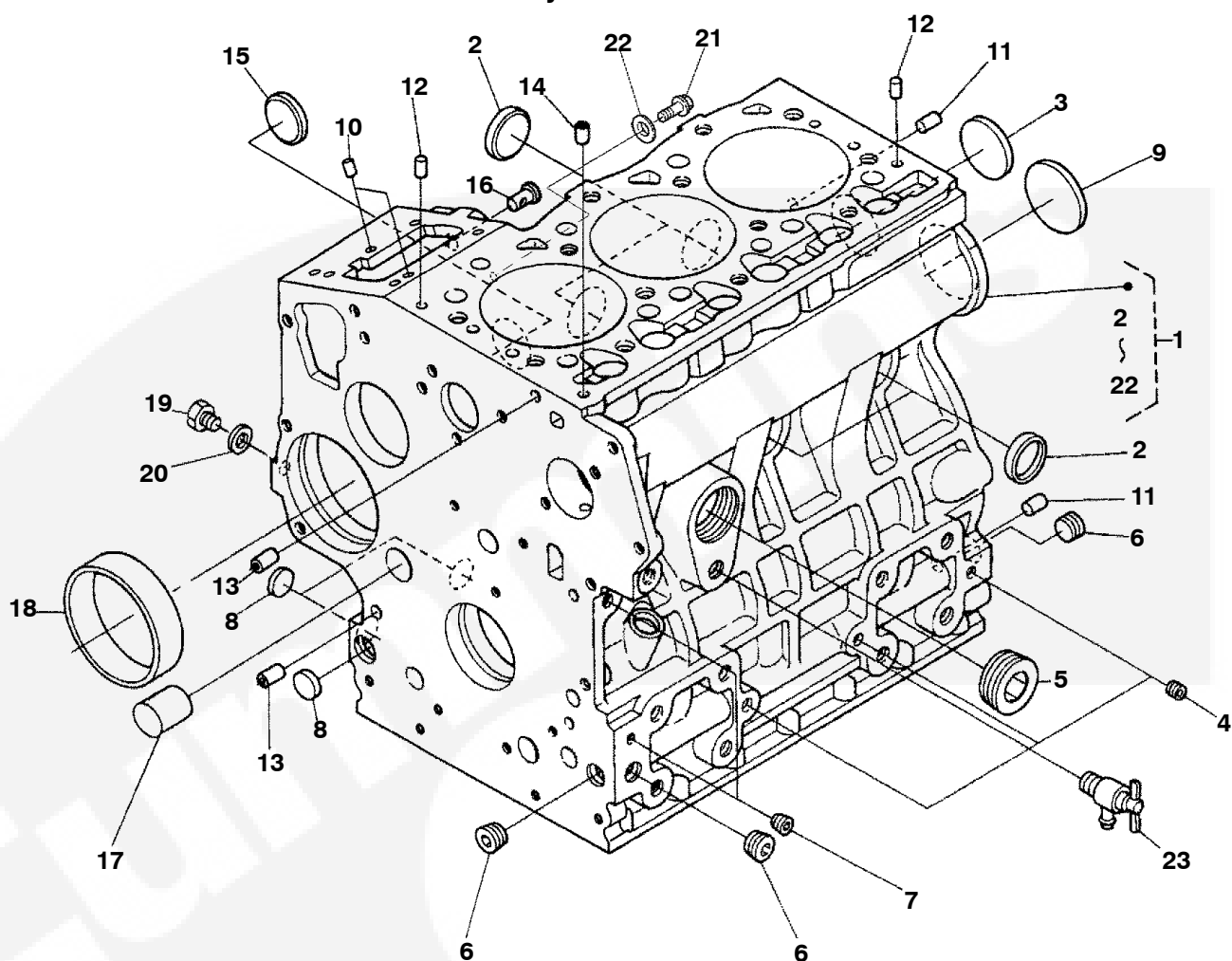
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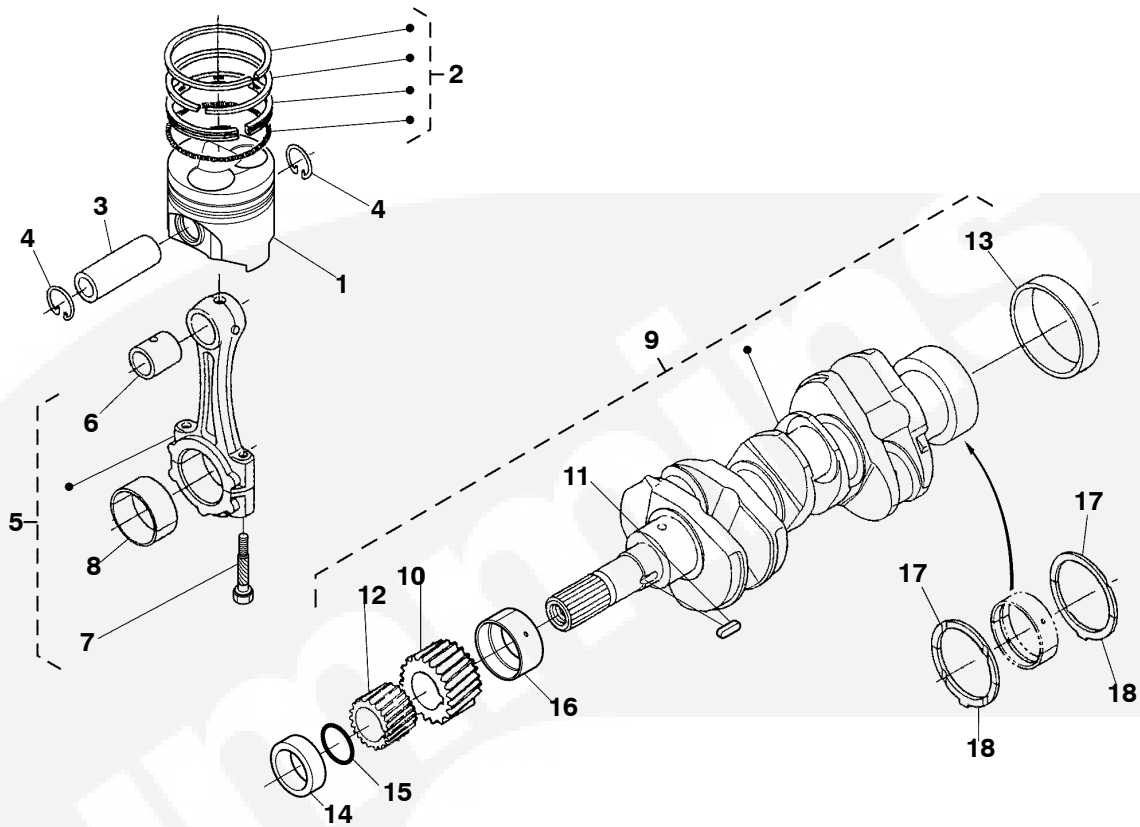
Cylinder Block



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	110-4083	1	Block, Cylinder Assy (Includes Parts Marked *)	13	185-2115	2	*Pin, Pipe
2	185-5484	4	*Cap, Sealing	14	185-6469	1	*Pin, Pipe
3	185-2412	1	*Cap, Sealing	15	185-7212	1	*Plug
4	185-2188	3	*Plug	16	185-6857	1	*Pin, Start Spring
5	185-6856	1	*Plug	17	185-6471	1	*Plug
6	185-6468	3	*Plug	18	185-6472	1	*Bushing, Governor Gear
7	185-2233	2	*Plug	19	185-5845	1	*Plug
8	185-6121	3	*Plug, Expansion	20	185-2338	1	*Gasket
9	185-6040	1	*Plug, Expansion	21	185-2572	1	Bolt, Flanged
10	185-5486	2	*Pin, Straight	22	185-2284	1	*Gasket
11	185-5487	2	*Pin, Straight	23	181-9061	1	Cock, Drain
12	516-2137	2	*Pin, Straight				

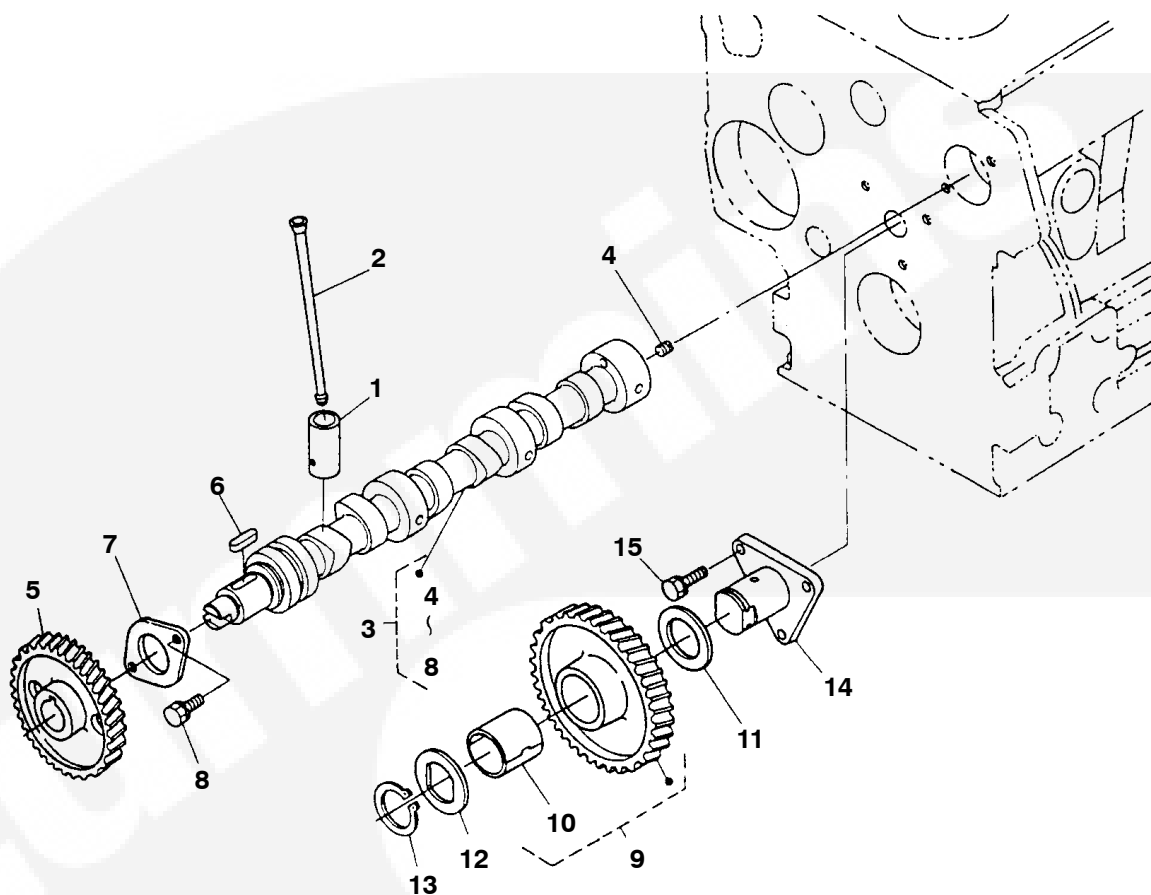
* - Parts Included in Cylinder Block Assy.

Piston



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	112-0276	1	Kit, Piston Ring (Standard)	185-6540	1	1	Spec F-G
			Piston	A046Z642	1	1	Spec H
	112-0319	3	Standard Spec F-G	11 185-6541	1	1	Key
	112-0328	3	.50mm Spec F-G	12		1	Gear, Oil Pump Drive
	A046Z586	3	Standard Spec H	185-6542		1	Spec F-G
2	A046A585	3	.50mm Spec H	A046Z645	1	1	Spec H
			Ring Set, Piston	13 185-6543	1	1	Sleeve, Crankshaft
	185-7310	3	Standard Spec F-G	14		1	Collar, Crankshaft
	185-7311	3	.50mm Spec F-G	185-6544	1	1	Spec F-G
	A046Z590	3	Standard Spec H	A046Z657	1	1	Spec H
3	A046Z612	3	.50mm Spec H	15 185-7429	1	1	Ring
	185-6531	3	Pin, Piston	16		1	Metal, Crankshaft
	185-6532	6	Circlip, Piston Pin	185-6546	2	2	Standard Spec F-G
			Rod Assy, Connecting (Includes Bolt, Bearing and Bushing)	185-6547	2	2	.2mm Undersize Spec F-G
	114-0430	3	Spec F-G	185-6548	2	2	.4mm Undersize Spec F-G
6	A046A616	3	Spec H	A046Z663	2	2	Standard Spec H
	181-9140	3	Bush, Piston Pin	A046Z672	2	2	2mm Undersize Spec H
	181-9102	6	Bolt, Connecting Rod	A046Z681	2	2	4mm Undersize Spec H
			Metal, Crankpin	17		1	Metal, Crankshaft
	185-6536	3	Standard	185-5938	1	1	Standard
9	185-6537	3	.2mm Undersize	185-6555	1	1	.2mm Undersize
	185-6538	3	.4mm Undersize	185-6556	1	1	.4mm Undersize
			Comp., Crankshaft	18		1	Metal, Crankshaft
	185-7376	3	Spec F-G	185-5941	2	2	Standard
	A046Z635	3	Spec H	185-5942	2	2	.2mm Undersize
10			Gear, Crank	185-5943	2	2	.4mm Undersize

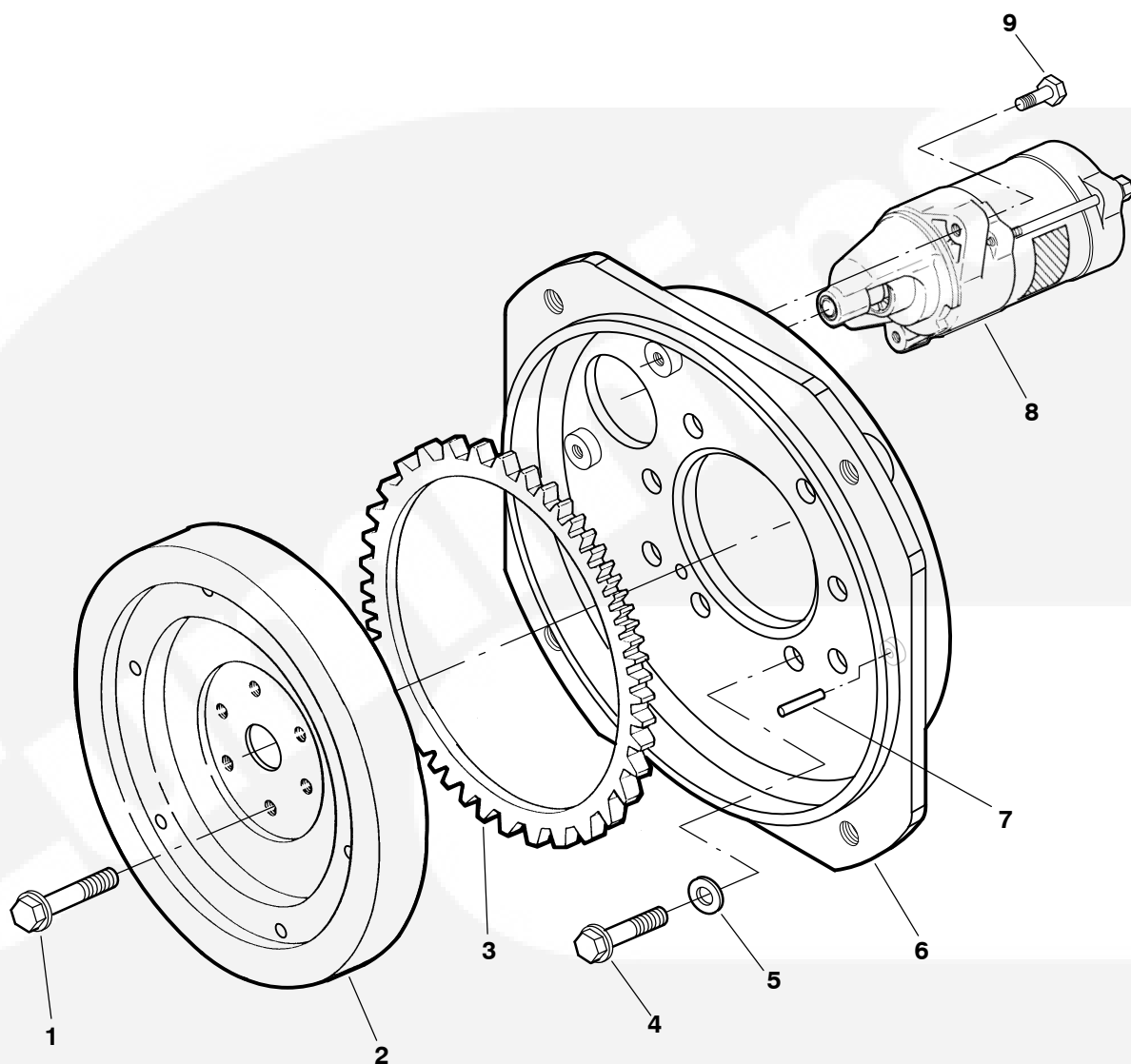
Camshaft



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	115-0541	6	Tappet	185-6521	1	Spec F-G	
2			Rod, Push	A046Z571	1	Spec H	
	185-6517	6	Spec F-G	10	185-6522	1	Bushing, Idle Gear
	A046Z561	6	Spec H	11	185-6523	1	Collar, Idle Gear
3			Camshaft Assy (Includes Parts Marked *)	12	185-6524	1	Collar, Idle Gear
	181-9120	1	Spec F-G	13	185-6525	1	Circlip, Idle Gear
	A046Z561	1	Spec H	14	185-6526	1	Shaft, Idle Gear
4	185-5558	1	*Screw, Set	15	185-2388	3	Bolt
5	185-6519	1	*Gear, Camshaft				
6	185-5560	1	*Key, Feather				
7	185-6520	1	*Stopper, Camshaft				
8	185-2388	2	*Bolt				
9			Gear Assy, Idle (Includes Bushing)				

* - Parts Included in Camshaft Assy.

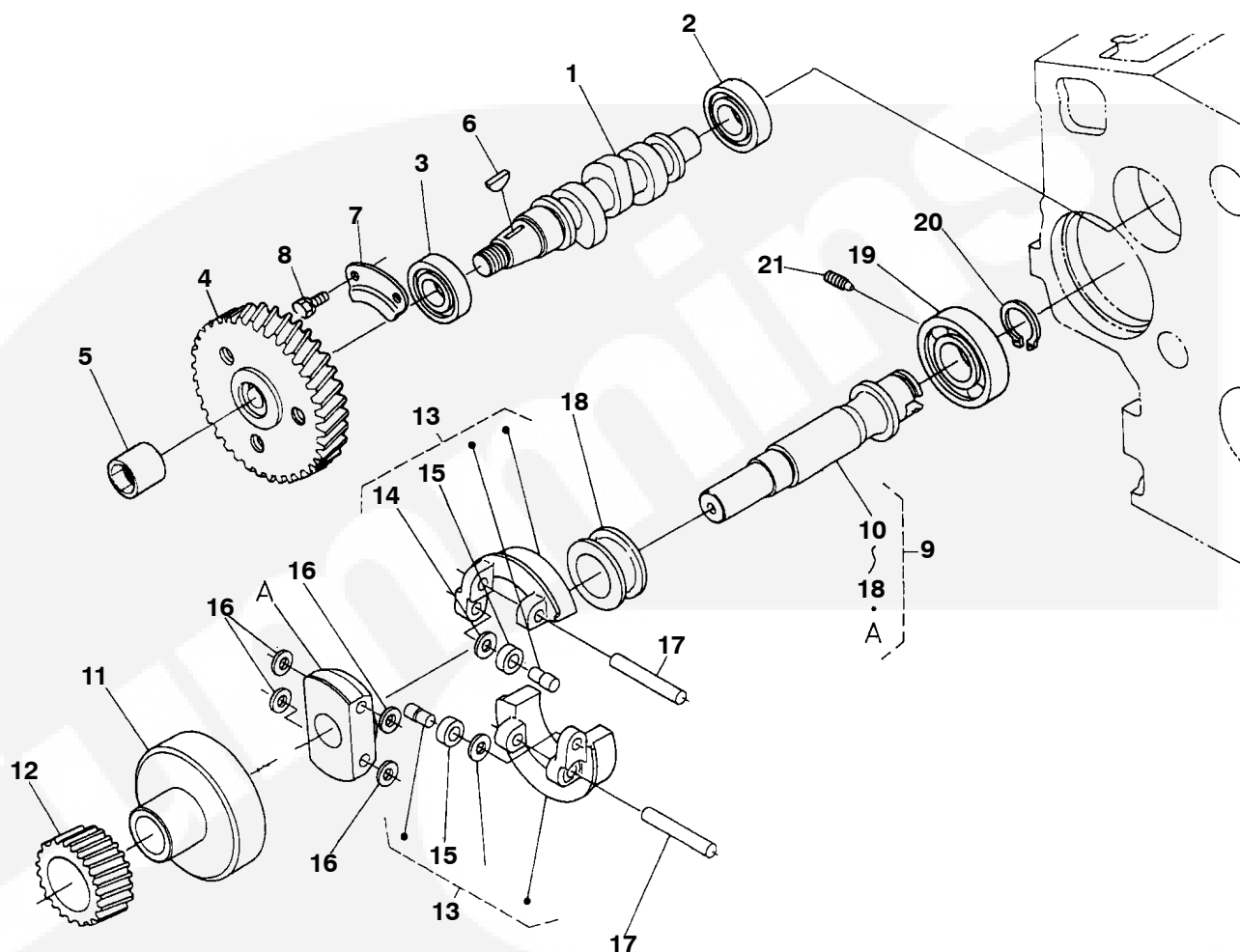
Flywheel



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-5477	6	Bolt, Flywheel (M10 x 1.25 x 30mm)	5	740-1008	10	Washer, Flat (M10)
2	104-1916	1	Flywheel Assy (Includes Ring Gear)	6	231-0353	1	Adapter Assy, Generator (Includes Dowel Pin)
3	104-1861	1	Gear, Ring	7	516-0247	1	Pin, Dowel
4	815-0600	10	Bolt, Flywheel Housing (M10 x 1.25 x 25mm)	8	191-2229	1	Starter
				9	185-2564	2	Screw, Hex Head Cap (M8 x 1.25 x 30mm)

This diagram illustrates the exploded view of a mechanical assembly, likely a pump or motor component. The parts are numbered 1 through 16. The assembly consists of a central shaft (1) with a series of impeller vanes (2, 3) mounted on it. The shaft is supported by a housing (4) and a base (5). The housing (4) is secured with a cover (6) and a gasket (7). The base (5) is secured with a cover (8) and a gasket (9). The assembly is also shown with a series of impeller vanes (10, 11, 12) mounted on the shaft. The diagram shows the exploded view of the assembly, with arrows indicating the direction of assembly.

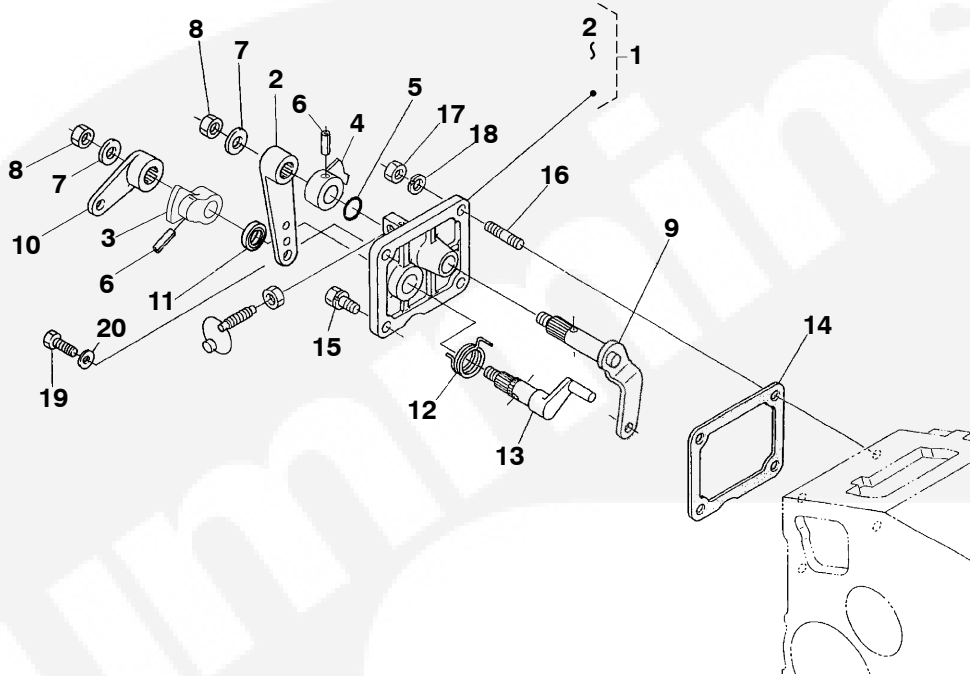
Fuel Camshaft



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-6875	1	Camshaft, Fuel	12	185-6565	1	Gear, Governor
2	181-9122	1	Bearing, Ball	13	185-6567	2	Comp. Weight, Governor
3	181-9132	1	Bearing, Ball	14	185-5960	2	Washer
4			Gear, Injection Pump	15	185-5959	2	Bearing
	181-9223	1	Spec F-G	16	185-6568	4	Washer, Governor Weight
	A046Z811	1	Spec H	17	185-6569	2	Shaft, Governor Weight
5			Nut	18	185-6570	1	Sleeve, Governor
	185-6560	1	Spec F-G	19			Bearing, Ball
	A046Z819	1	Spec H		185-6571	1	Spec F-G
6	185-6561	1	Key, Feather		A046Z830	1	Spec H
7	185-6562	1	Stopper, Camshaft	20	185-6572	1	Circular Clip, Governor Shaft
8	185-2388	2	Bolt	21	185-6573	1	Screw, Set
9	185-6877	1	Assy Shaft, Governor				
10	185-6878	1	Shaft, Governor				
11	185-6880	1	Holder, Governor Gear				

* - Parts Included in Camshaft Assy.

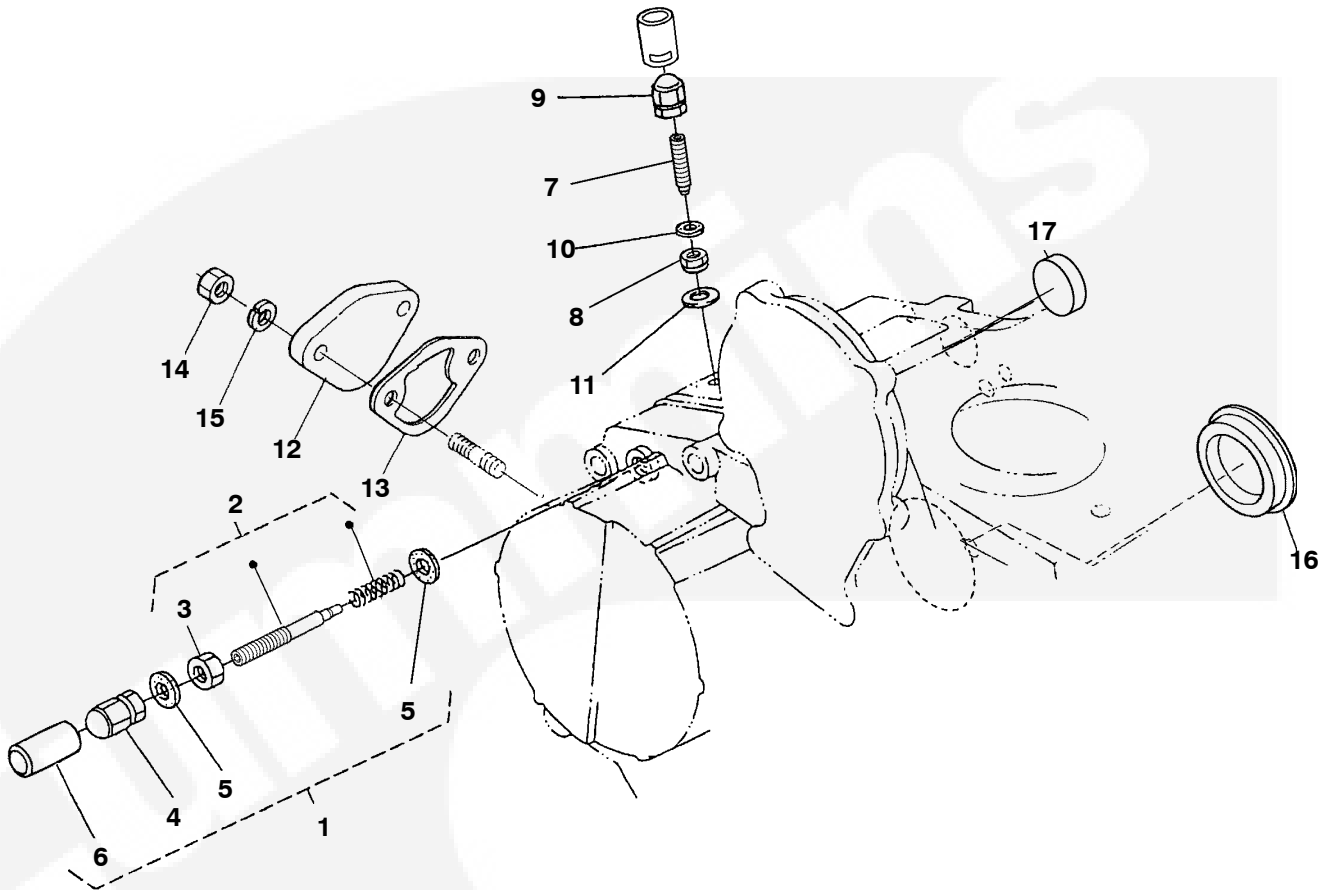
Speed Control Plate



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-7224	1	Plate Assy, Control (Includes Parts Marked *)	13	185-6615	1	*Shaft, Stop Lever
2	185-6607	1	*Lever, Speed Control	14	185-6894	1	Gasket
3	185-6608	1	*Lever, Speed Control	15			Bolt
4	185-6609	1	*Lever, Speed Control		185-2388	1	Spec F-G
5	185-7433	1	*O'Ring		A046Z839	1	Spec H
6	185-2351	2	*Pin, Spring	16	185-7434		Stud
7	185-6610	2	*Washer, Plain	17	181-9013	2	Nut
8	185-6611	2	*Nut	18	185-6759	2	Washer, Spring
9	185-6612	1	*Lever Assy, Governor	19	185-5688	1	Bolt
10	185-6613	1	*Lever, Engine Stop	20	185-6616	1	Gasket
11	185-2461	1	*Seal, Oil				
12	185-6614	1	*Spring, Return				

* - Parts Included in Control Plate Assy.

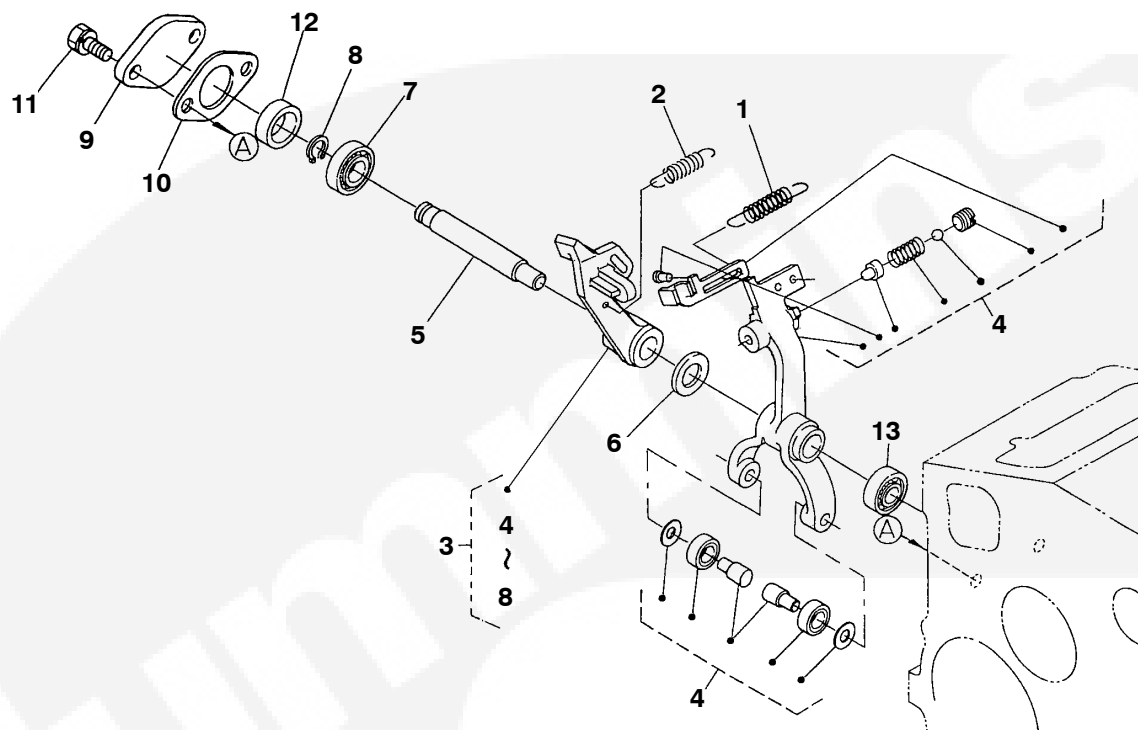
Governor Lever



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	181-9113	1	Governor, Idling (Includes Parts Marked*)	12	185-5798	1	Cover
2	181-9114	1	*Bolt Assy, Adjusting	13	185-6580	1	Gasket, Fuel Pump
3	185-6480	1	*Nut		A046Z883	1	Spec F-G
4	860-2075	1	*Nut				Spec H
5	185-2284	2	*Gasket	14	181-9013	2	Nut
6	185-6930	1	Cap	15	185-6759	2	Washer, Spring
7	181-9104	1	Bolt, Adjusting	16	120-1386	1	Cover, Hydraulic Pump
8	185-6931	1	Nut, Lock	17	517-0440	1	Cap, Seal
9	860-2075	1	Nut				
10	185-2284	2	Gasket				
11	185-7313	1	Gasket				

* - Parts Included in Governor Idling Assy.

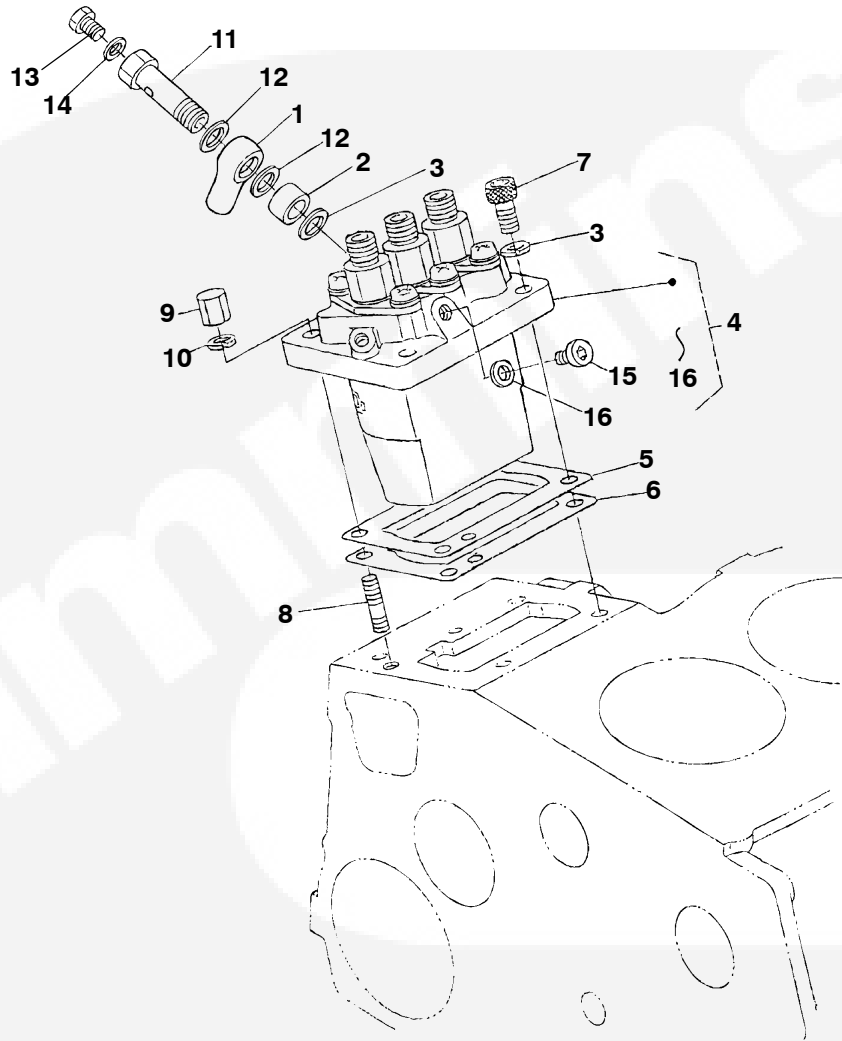
Governor



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-6891	1	Spring, Start	8	185-6601	1	*Circlip, External
2	181-9152	1	Spring, Governor	9	185-6602	1	Cover, Fork Lever Shaft
3	181-9149	1	Lever Assy, Fork (Includes Parts Marked *)	10	185-6603	1	Gasket
4	150-2930	1	*Lever, Fork (Includes Bearing and Washer)	11	185-2386	2	Bolt
5	181-9105	1	*Shaft, Fork Lever	12	185-6604	1	Collar
6	185-6163	1	*Washer, Plain	13	185-6605	1	Bearing, Miniature
7	185-6600	1	*Bearing, Miniature				

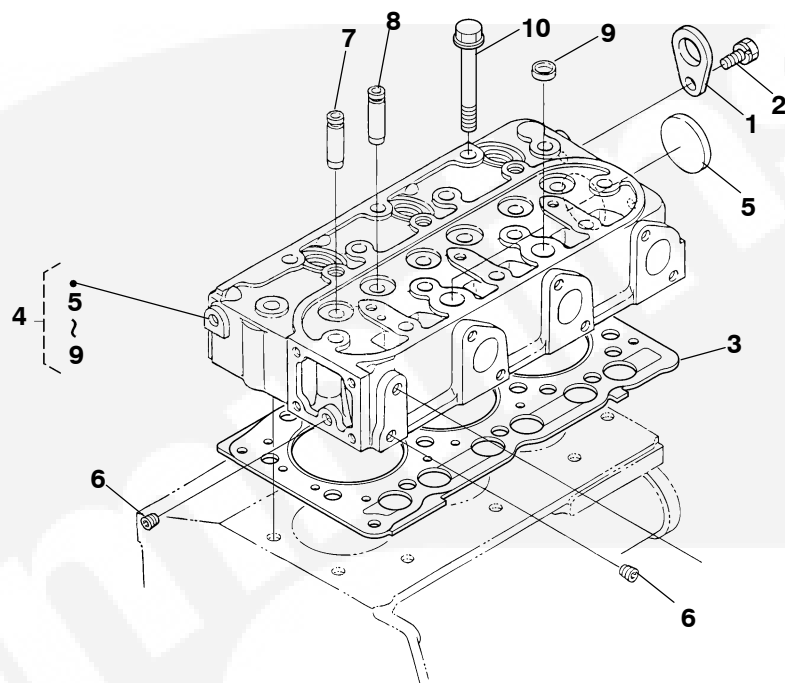
* - Parts Included in Fork Lever Assy.

Injection



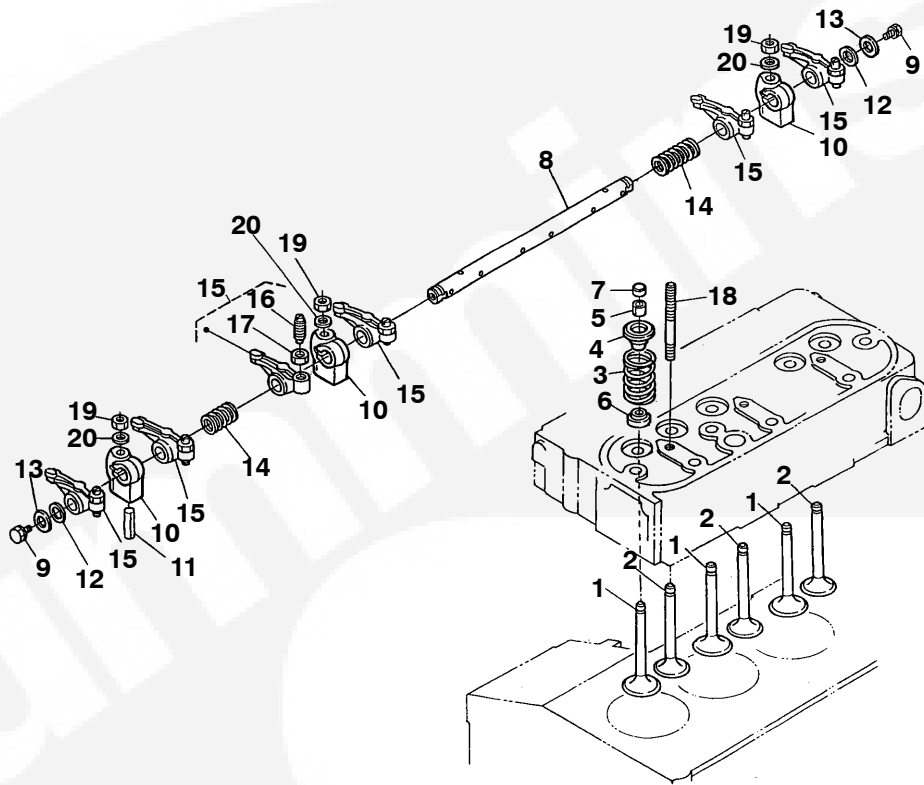
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-6584	2	Joint	147-0971	1	0.350mm	
2	185-6585	1	Collar, Joint	7	185-5623	2	Bolt, Hex Socket Head
3	185-2578	1	Gasket	8	185-5624	2	Stud
4			Assy Pump, Injection	9	185-5625	2	Nut
	185-6882	1	Spec F-G	10	185-6759	4	Washer, Spring
	A046Z832	1	Spec H	11	185-6887	1	Bolt, Joint
5			Shim, Injection Pump	12	185-5661	1	Gasket
	147-0970	1	0.175mm	13	185-5662	1	Screw
	185-6749	1	0.200mm	14	185-5663	1	Gasket
	185-6739	1	0.250mm	15	185-6888	1	Plug
6			Shim, Injection Pump	16	185-5820	1	Gasket
	185-6845	1	0.300mm				

Cylinder Head



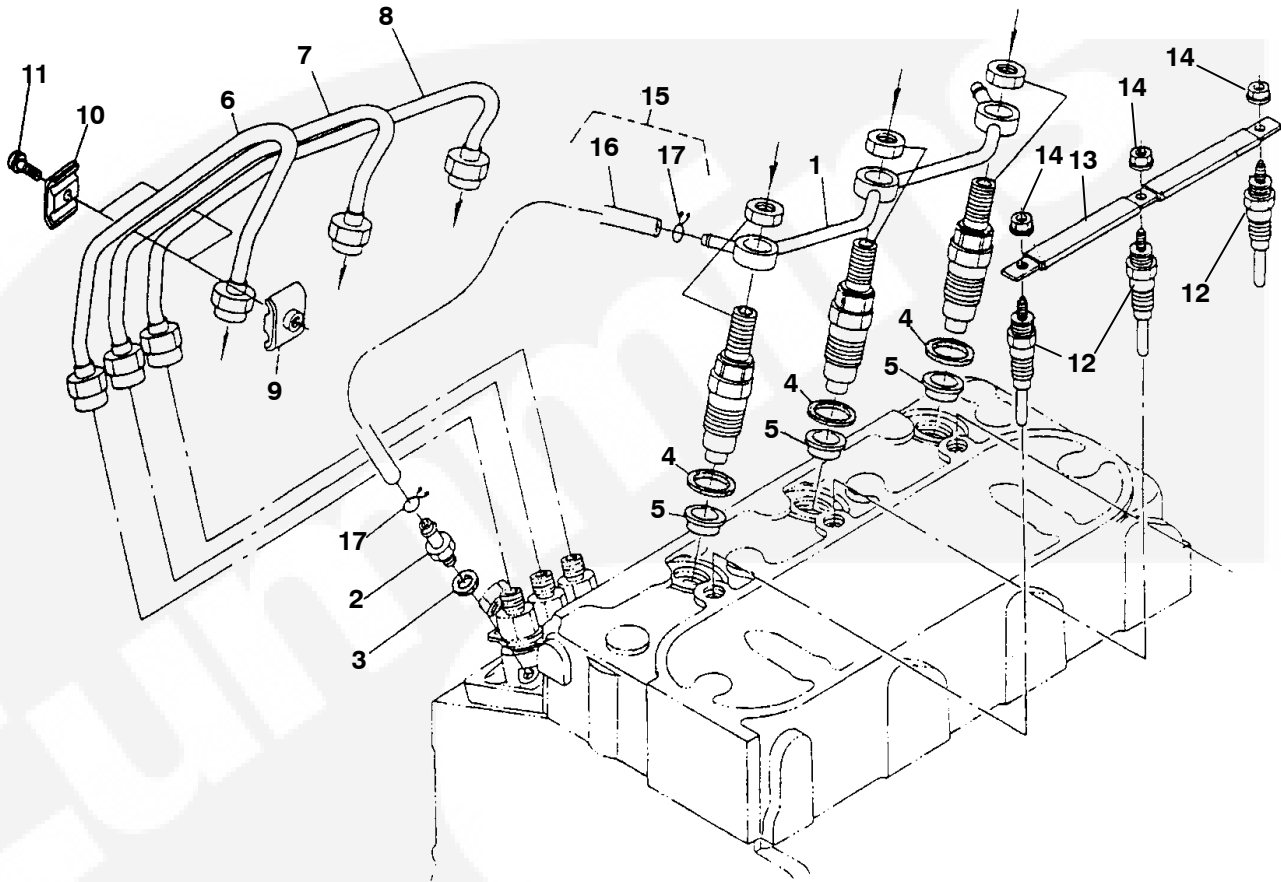
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-2414	2	Hook, Engine	6	185-2188	2	Plug
2	185-2563	2	Bolt	7	181-9118	3	Guide, Inlet Valve
3	181-9222	1	Gasket, Cylinder Head	8	181-9119	3	Guide, Exhaust Valve
4			Comp., Cylinder head	9	185-2413	2	Cap, Sealing
	110-4084	1	Spec F-G	10	185-6477	14	Bolt, Cylinder Head
	A046Z236	1	Spec H				
5	185-2411	1	Cap, Seal				

Valve and Rocker Arm



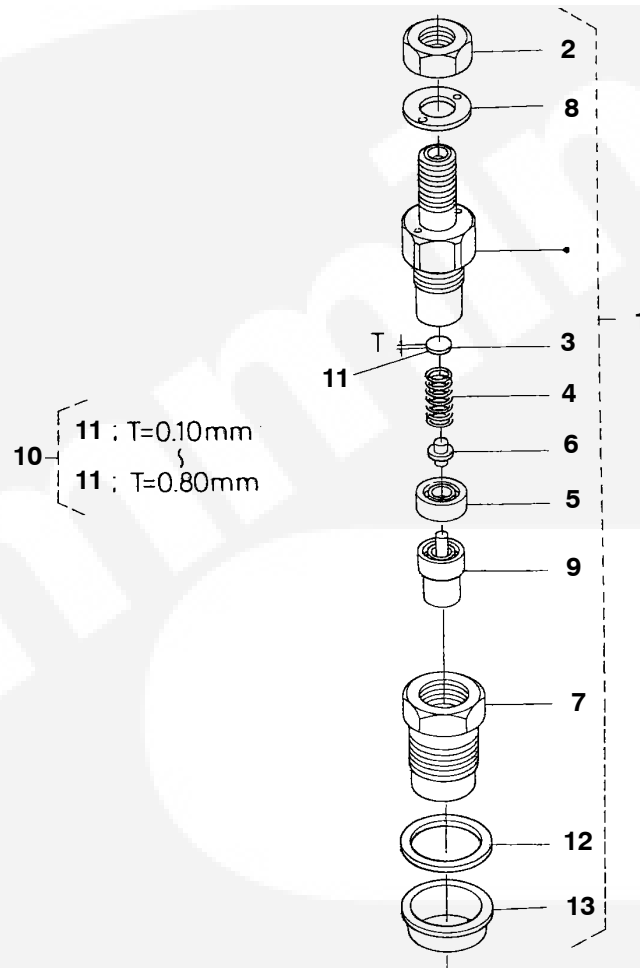
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	110-4021	3	Valve, Inlet	A046Z981	1	Spec H	
	A046Z971	3	Spec F-G	9	185-7440	2	Bolt
2	110-4022	3	Valve, Exhaust	10	185-6687	3	Bracket, Rocker Arm
	A046Z975	3	Spec F-G	11	185-7741	1	Pin, Spring
3	185-6683	6	Spec H	12	185-6689	2	Washer, Arm Shaft
4	181-9117	6	Spring, Valve	13	185-7395	2	Washer, Plain
5	110-3827	6	Retainer, Valve Spring	14	185-6691	2	Spring, Rocker Arm
6	185-7300	6	Collet, Valve Spring	15	185-6693	6	Assy, Rocker Arm
7	185-2080	6	Seal, Valve Stem	16	185-6694	6	Screw, Adjusting
8	185-7439	1	Cap, Valve	17	185-6695	6	Nut
			Shaft Assy, Rocker Arm	18	185-6688	3	Stud
			Spec F-G	19	185-2179	3	Nut
				20	185-2184	3	Washer, Plain

Nozzle Holder and Glow Plug



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	147-0924	3	Kit Holder, Nozzle	9	185-5612	2	Clamp, Pipe
	A046Z872	3	Spec F-G	10	185-2345	2	Clamp, Pipe
			Spec H	11	185-2385	2	Screw, Washer Head
1	185-6896	1	Pipe Assy, Overflow	12	333-0802	3	Plug, Glow
2	185-5609	1	Screw, Air Bleeder	13	185-6899	1	Cord, Glow Plug
3	185-2284	1	Gasket	14	185-5615	3	Nut, Flange
4	185-5337	3	Gasket	15	185-5607	1	Pipe Assy, Overflow (Includes Pipe Clip)
5	185-5985	3	Seal, Heat	16	A034P600	1	Pipe, Fuel Overflow
6	185-6750	1	Pipe, Injection	17	185-5608	2	Clip, Pipe
7	185-6751	1	Pipe, Injection				
8	185-6621	1	Pipe, Injection				

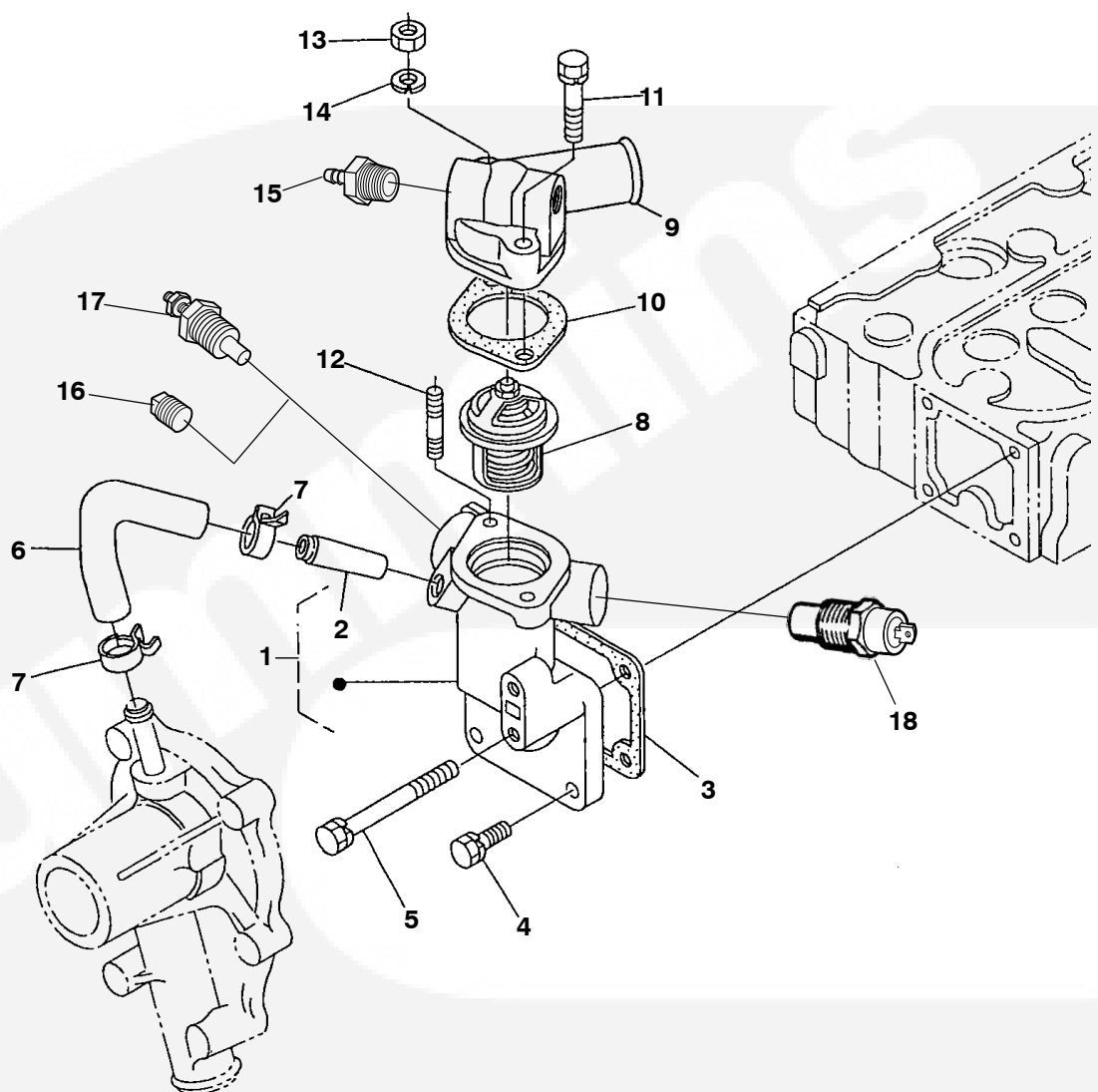
Nozzle Holder Components



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	147-0978	3	Holder Assy, Nozzle (Includes Parts Marked)	11			Washer, Adjusting
2	185-6900	3	*Nut	185-6909	3		.10mm
3	185-6901	3	*Washer, Adjusting	185-6910	3		.20mm
4	185-6902	3	*Spring, Nozzle	185-6911	3		.30mm
5	185-6903	3	*Piece, Distance	185-6912	3		.40mm
6	185-6904	3	*Rod, Push	185-6913	3		.50mm
7	185-6905	3	*Nut, Nozzle	185-6914	3		.52mm
8	185-6906	3	*Washer	185-6915	3		.54mm
9	147-0974	3	*Piece, Nozzle	185-6916	3		.56mm
10	185-6908	3	*Washer Assy, Adjust (Includes Adjusting Washers)	185-6917	3		.58mm
				185-6918	3		.80mm
				12	185-5337	3	*Gasket
				13	185-5985	3	*Seal, Heat

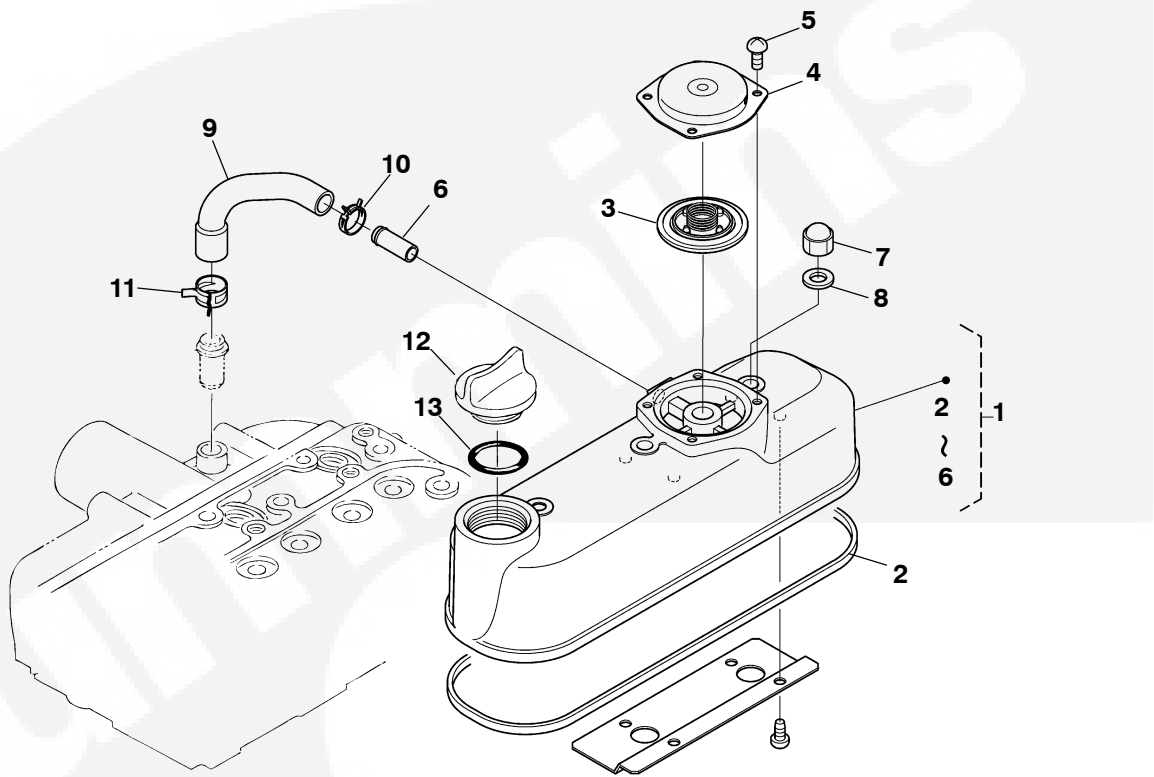
* - Parts Included in Nozzle Holder Assy.

Water Flange



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-6663	1	Flange, Water (Includes Water Return Pipe)	10	185-7242	1	Gasket Thermostat
2	185-6445	1	Pipe, Water Return	11	185-7084	1	Bolt
3	185-6922	1	Gasket, Water Flange	12	185-6670	1	Stud
4	185-2388	3	Bolt	13	181-9013	1	Nut
5	185-6665	1	Bolt	14	185-6759	1	Washer, Spring
6	185-6666	1	Pipe, Water Return	15			Connector, Hose
7			Band, Pipe		502-0395	1	1/8 NPT (Side Mounted)
	185-6667	2	Spec F-G		502-1284	1	3/8 NPT (Rear Mounted)
	A046Z921	2	Spec H	16	505-2252	1	Plug, Hex Head
8			Thermostat	17	193-0318	1	Sender, Water Temperature (E2)
	185-5458	1	Spec F-G	18	309-0552	1	Switch, Temperature (S2)
	A046Z961	1	Spec H				
9	185-6935	1	Cover, Thermostat				

Cylinder Head Cover

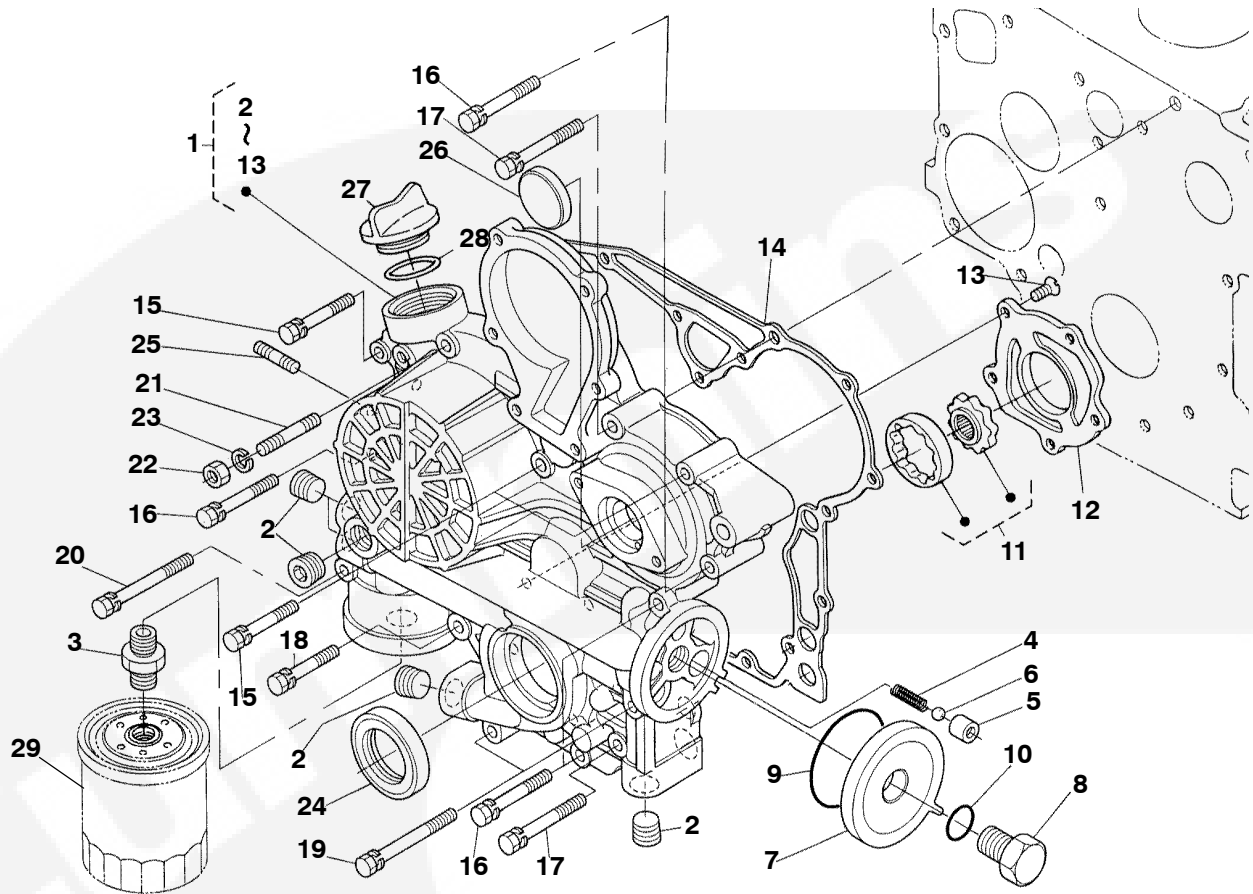


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Assy Cover, Cylinder Head (Includes Parts Marked*)
	134-5384	1	Spec F-G
	A046Z324	1	Spec H
2			*Gasket, Head Cover
	185-6868	1	Spec F-G
	A046Z337	1	Spec H
3	181-9241	1	*Comp Valve, Breather
4	181-9238	1	*Cover, Breather
5	185-2384	4	*Screw, Pan Head
6	181-9188	1	*Pipe, Water Return

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
7	181-9079	3	Nut
8	185-2291	3	Gasket
9	181-9220	1	Tube, Breather
10	181-9025	1	Clamp, Hose
11	181-9190	1	Clamp, Hose
12	181-9000	1	Cover, Oil Filler
13	185-7426	1	O'Ring

*- Cylinder Head Cover includes breather baffle and screws

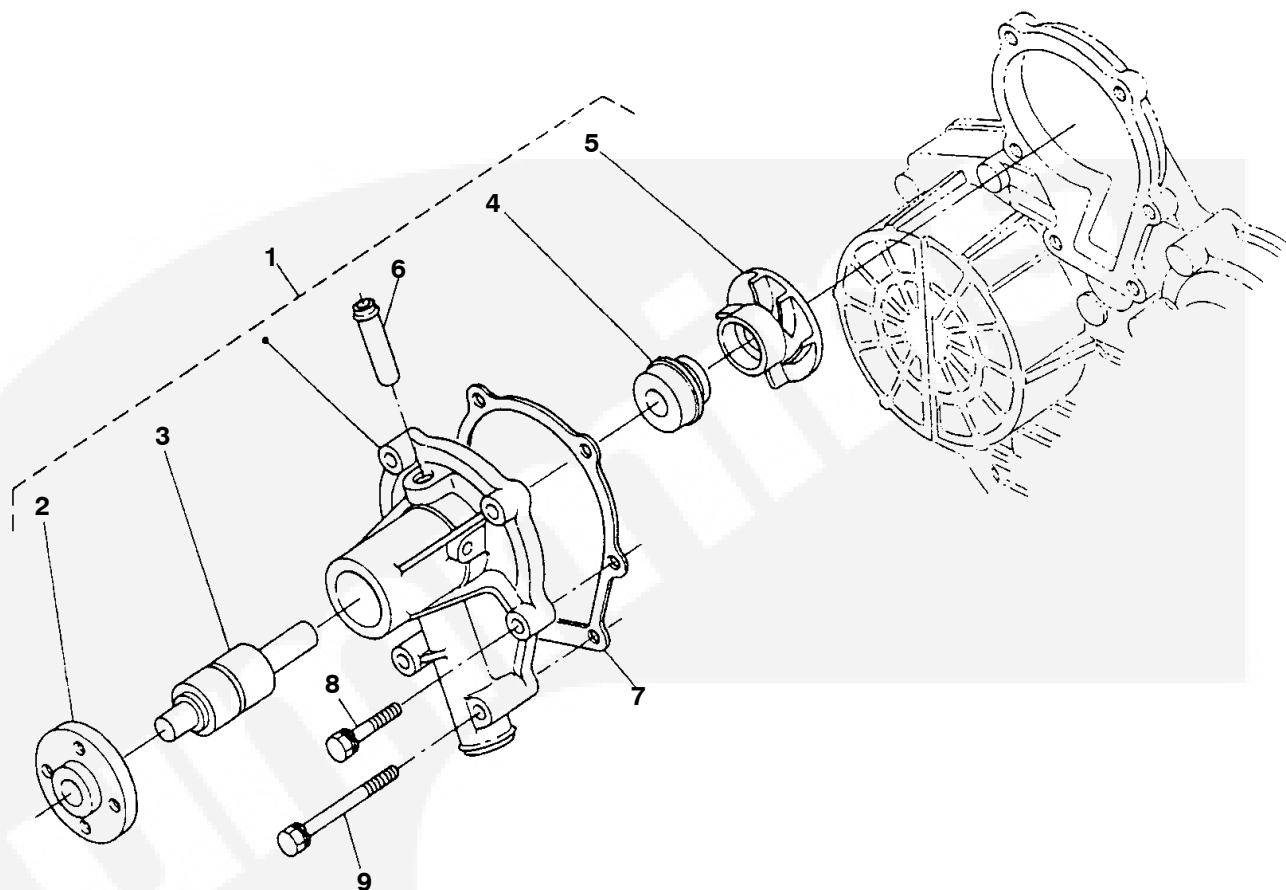
Gearcase



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	103-0858	1	Gearcase Assy (Includes Parts Marked *)	A046Z278	5	Spec H	
2	517-0439	5	*Plug	14	185-6863	1	Gasket, Gearcase
3	185-2124	1	*Fitting, Connector	15	185-5833	3	Bolt
4			*Spring	16	185-7069	4	Bolt
	185-6482	1	Spec F-G	17	185-6665	2	Bolt
	A046Z249	1	Spec H	18	184-0038	1	Bolt
5	185-6483	1	*Seat, Valve	19	185-6491	2	Bolt
6	185-6484	1	*Ball	20	185-6492	1	Bolt
7	181-9111	1	*Cover	21	185-7423	1	Stud
8	181-9112	1	*Bolt	22	181-9013	1	Nut
9	181-9021	1	*O'Ring	23	185-6759	1	Washer, Spring
10	181-9019	1	*O'Ring	24	185-6864	1	Seal, Oil
11			*Rotor, Oil Pump	25	185-7425	2	Stud
	185-6485	1	Spec F-G	26	185-7434	1	Cover, Gear Case
	A046Z271	1	Spec H	27	181-9000	1	Plug, Oil Filler
12			*Cover, Oil Pump	28	185-7426	1	O'Ring
	185-6486	1	Spec F-G	29	185-5835	1	Filter, Oil
	A046Z275	1	Spec H				
13			*Screw, Countersunk Head				
	185-6487	5	Spec F-G				

* - Parts Included in Gearcase Assy.

Water Pump Components

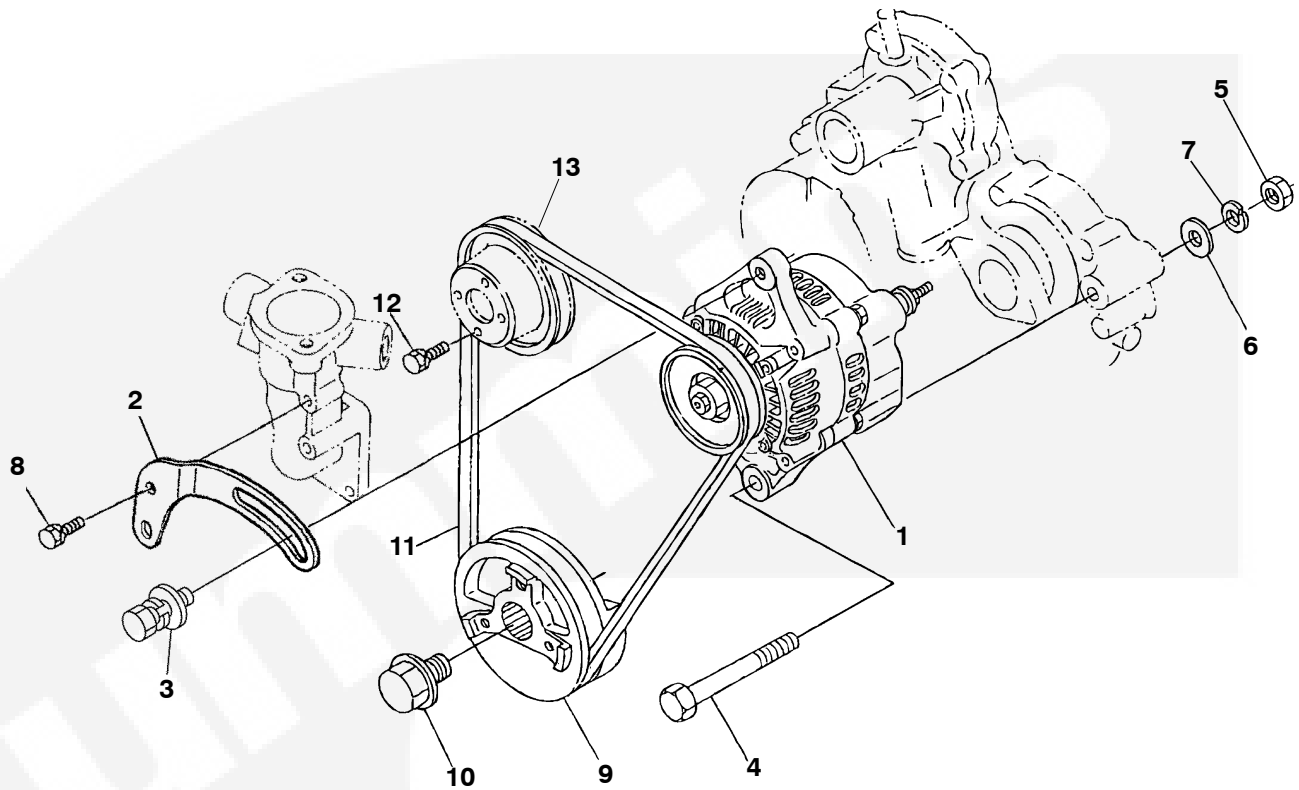


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	181-9108	1	Pump Assy, Water (Includes Parts Marked *)
2	185-6672	1	*Flange, Pump Water
3	185-6673	1	*Bearing
4	181-9233	1	*Seal Assy, Mechanical
5	185-6674	1	*Impeller, Pump Water
6	185-5716	1	*Pipe, Water Return

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
7	185-7299	1	Gasket, Water Pump
8	185-6677	4	Bolt
9	181-9007	2	Bolt

* - Parts Included in Water Pump Assy.

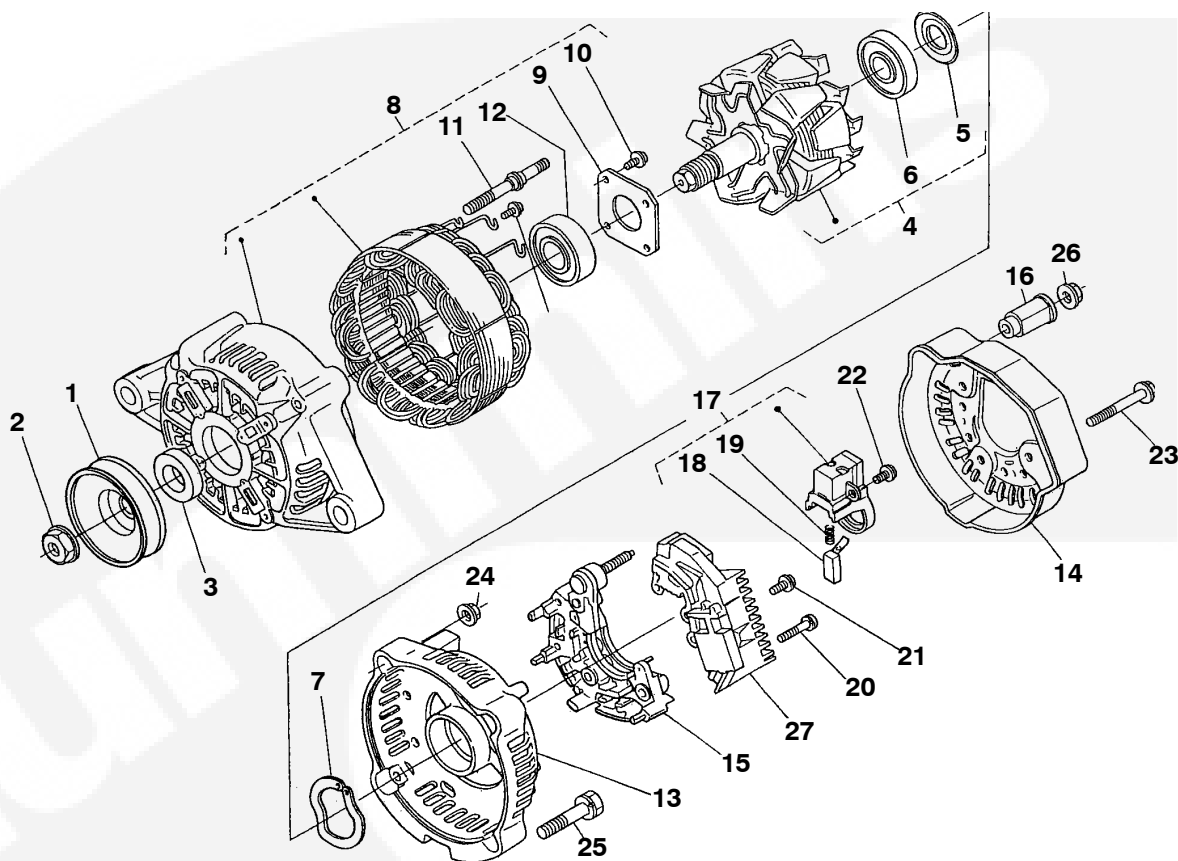
Alternator



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-6920	1	Alternator (12V, 30A) (See Separate Page for Components)
2	191-2497	1	Stay, Alternator
3	181-9008	1	Bolt
4	185-6629	1	Bolt
5	185-5445	1	Nut
6	185-6630	1	Washer, Plain
7	185-6785	1	Washer, Spring Spec F-G

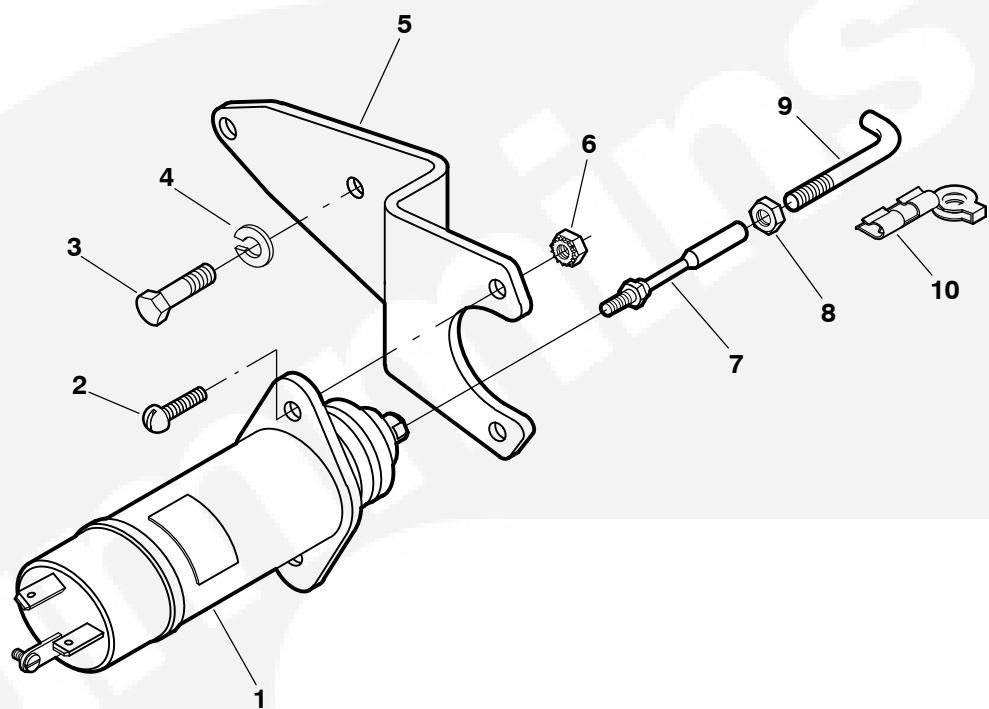
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	A046Z890	1	Spec H
8	185-2388	1	Bolt
9	185-6933	1	Pulley, Fan
10	185-6633	1	Bolt
11	185-7435	1	Belt, Fan Spec F-G
	A046Z910	1	Spec H
12	185-2572	1	Bolt
13	185-7438	1	Pulley, Water Pump

Alternator Components



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	185-6920	1	Alternator (Includes all Parts shown)	14	404-0101	1	Cover, End
1	185-5767	1	Pulley, Alternator	15	305-1043	1	Rectifier Assy
2	185-5768	1	Nut	16	181-9106	1	Bushing, Insulation
3	185-5769	1	Collar	17	181-9146	1	Holder, Brush
4	185-9263	1	Rotor	18	185-5783	2	Brush
5	185-5771	1	Cover, Bearing	19	185-5784	2	Spring, Brush
6	510-0248	1	Bearing, Ball	20	185-5785	2	Screw, Round Head
7	185-6187	1	Washer, Thrust	21	185-5786	6	Screw, Round Head
8	185-6635	1	Frame, Drive End	22	185-5787	1	Screw, Round Head
9	185-5774	1	Plate, Retainer	23	185-5788	3	Bolt
10	185-5775	4	Screw, Round Head	24	185-5789	2	Nut
11	185-7056	2	Bolt, Thru	25	185-5790	2	Bolt
12	510-0249	1	Bearing, Ball	26	185-2961	1	Nut
13	403-6708	1	Frame, End	27	185-5791	1	Regulator

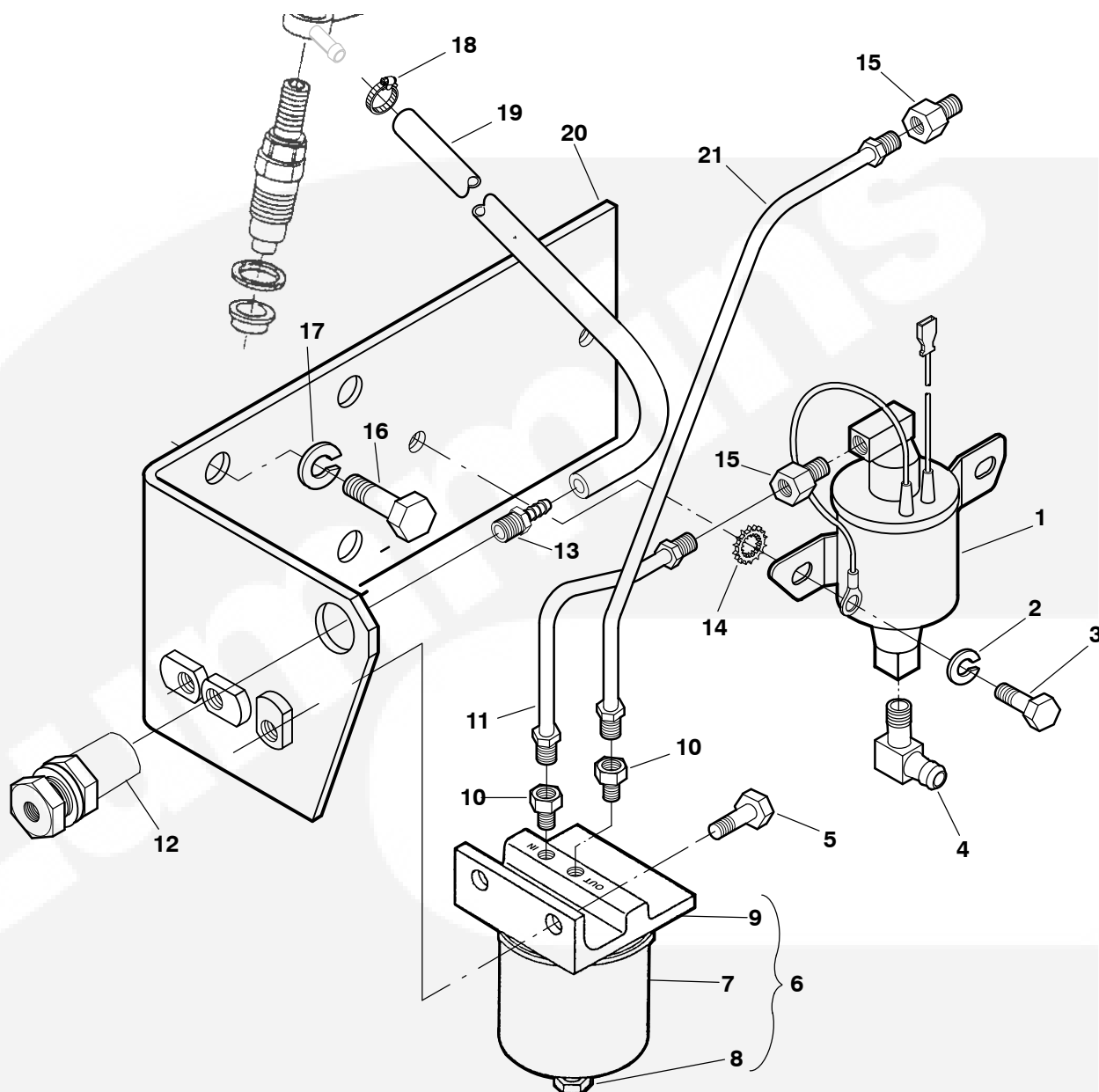
Stop Solenoid



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	307-2546	1	Solenoid, Stop (K1)
2	813-0100	2	Screw, Round Head Machine (#10-32 x 1/2")
3	800-2029	2	Screw, Hex Head Cap (M6 x 1 x 12mm)
4	850-2006	2	Washer, Lock (M6)

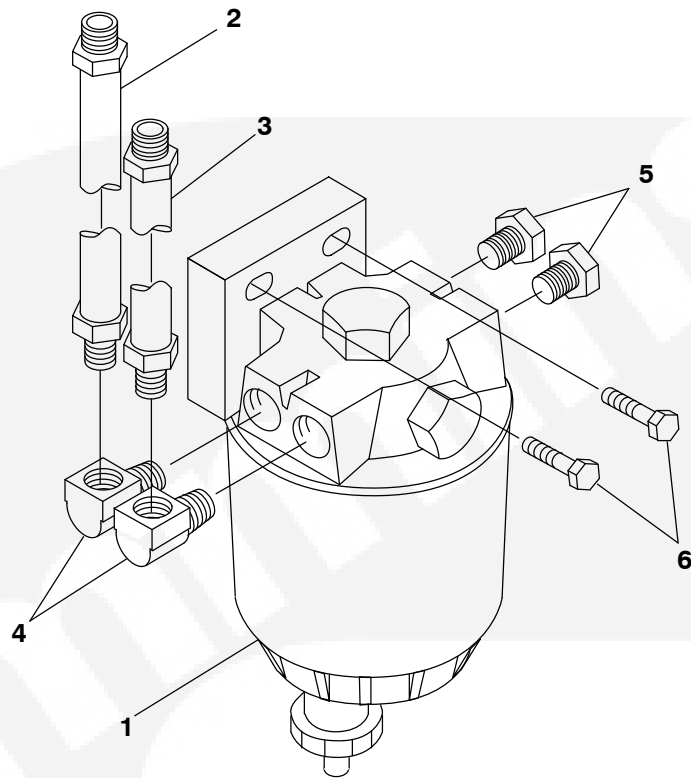
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
5	150-2668-02	1	Bracket, Solenoid
6	870-0131	2	Nut, ET Hex (#10-32)
7	150-1733	1	Joint, Ball
8	115-0025	2	Nut, Hex (1/4-28UNF)
9	150-2555	1	Link, Solenoid
10	306-4081	1	Clip, Rod End

Fuel Pump



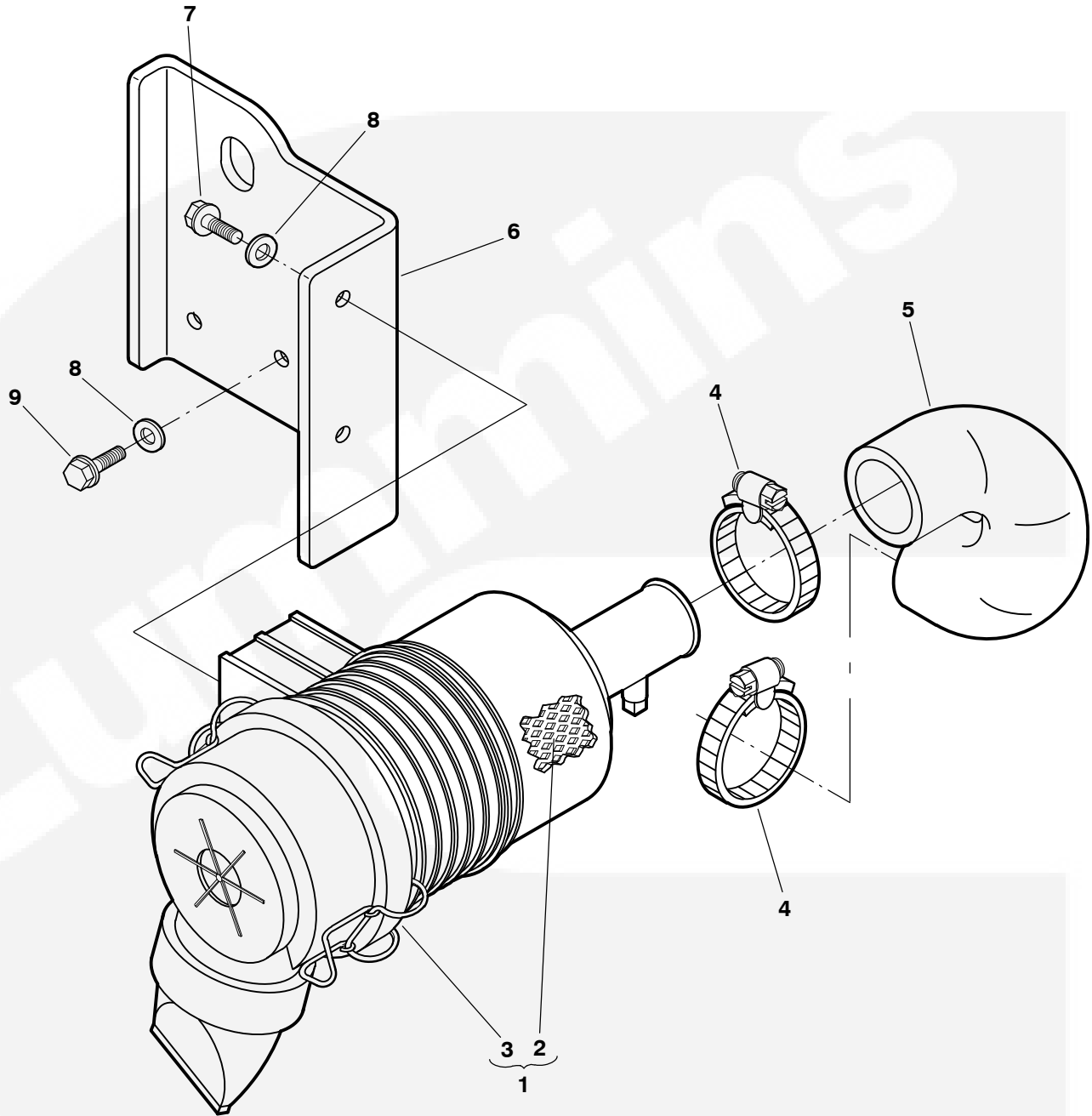
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	A029F891	1	Pump, Electric Fuel (E5)	12	502-1244	1	Coupling, Anchor
2	850-2006	2	Washer, Lock (M6)	13	502-1219	1	Connector, Hose
3	800-2029	2	Screw, Hex Head Cap (M6 x 1 x 12mm)	14	856-0006	1	Washer, EIT (1/4")
4	502-0313	1	Elbow, 90° Hose (1/8 NPT x 1/4 I.D.)	15	502-0003	2	Adapter, Reducing (1/4 x 1/8)
5	718-1035	2	Screw, Hex Head Cap (M8 x 1.25 x 16mm)	16	800-3004	3	Screw, Hex Head Cap (M10 x 1.25 x 16mm)
6	149-2100	1	Filter, Fuel (Includes Element, Drain Plug, and Base)	17	850-2010	3	Washer, Lock (M10)
7	149-2106	1	Element, Fuel Filter	18	503-1952-06	1	Clamp, Hose
8	502-0028	1	Plug, Drain	19	A034P576	1	Hose, Fuel Return
9	149-2235	1	Base, Aluminum	20	149-2570-02	1	Bracket, Fuel Pump
10	502-0033	2	Connector, Inverted Male	21	149-2530	1	Line, Fuel Filter
11	149-2429	1	Line, Fuel Pump	22	541-0564	1	Kit, Fuel Pump (Includes, Terminal Connectors and Pump)

Fuel/Water Separator



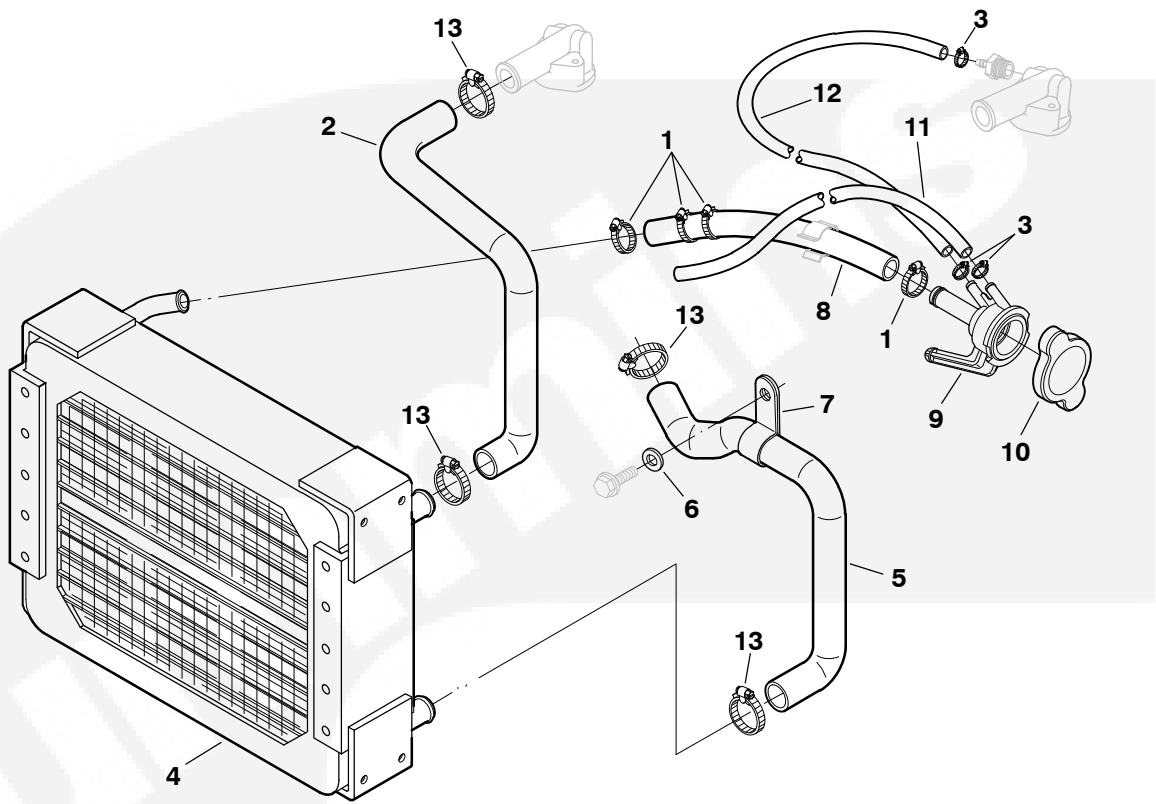
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	149-2573	1	Kit, Fuel/Water Separator	4	502-0041	2	Elbow, Male (1/4 x 7/16-24)
1	149-2574	1	Separator, Fuel/Water	5	502-0153	2	Plug, Hex Pipe (1/4)
2	149-2572	1	Line, Fuel (Fuel Out)	6	800-2057	2	Screw, Hex Head Cap (M8 x 1.25 x 20mm)
3	149-2571	1	Line, Fuel (Fuel In)				

Air Cleaner



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	140-3050	1	Cleaner Assy, Air (Includes Element and Cover)	7	800-2057	2	Screw, Flange Locking (M8 x 1.25 x 16mm)
2	140-3071	1	Element, Air Cleaner	8	526-2100	4	Washer, Flat (M8)
3	140-3072	1	Cover, Air Cleaner	9	718-1035	2	Screw, Hex Head (M8 x 1.25 x 16mm)
4	503-1141	2	Clamp, Hose				
5	503-1994	1	Hose, Air Cleaner				
6	140-3017-02	1	Bracket, Lifting				

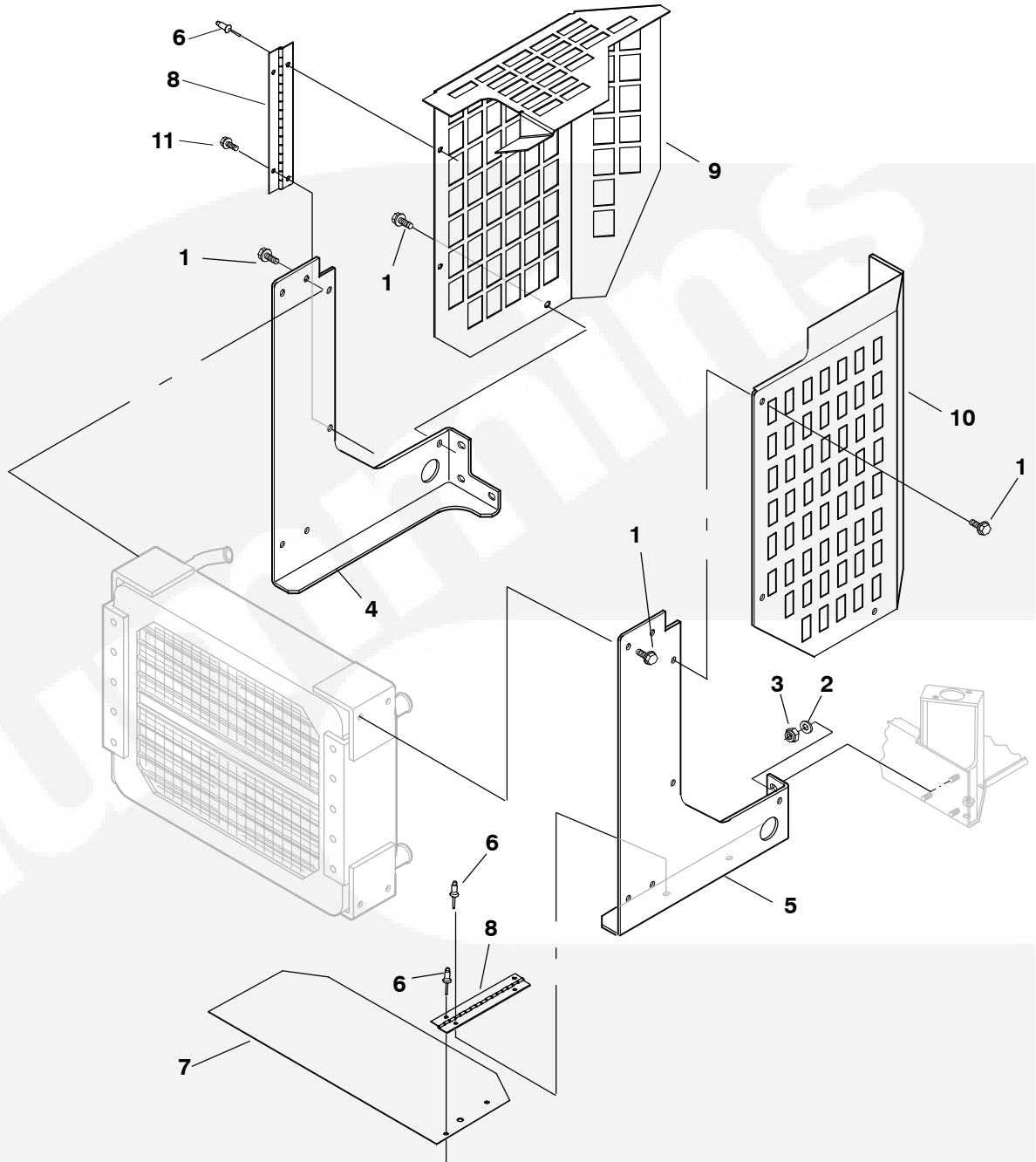
Cooling System



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	503-1951-35	4	Clamp, Hose
2	503-1996	1	Hose, Upper Radiator
3	503-1951-12	4	Clamp, Hose
4	130-4683	1	Radiator
5	503-1995	1	Hose, Lower Radiator
6	526-2080	1	Washer, Flat
7	518-0548-05	1	Clamp, Hose

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
8	503-1993	1	Hose, Coolant Fill (335mm)
9	130-4321	1	Neck, Fill
10	130-4320	1	Cap, Fill
11	503-1923	1	Hose, Overflow (490mm)
12	503-2042	1	Hose, Air Bleed (420mm)
13	503-1137	4	Clamp, Hose

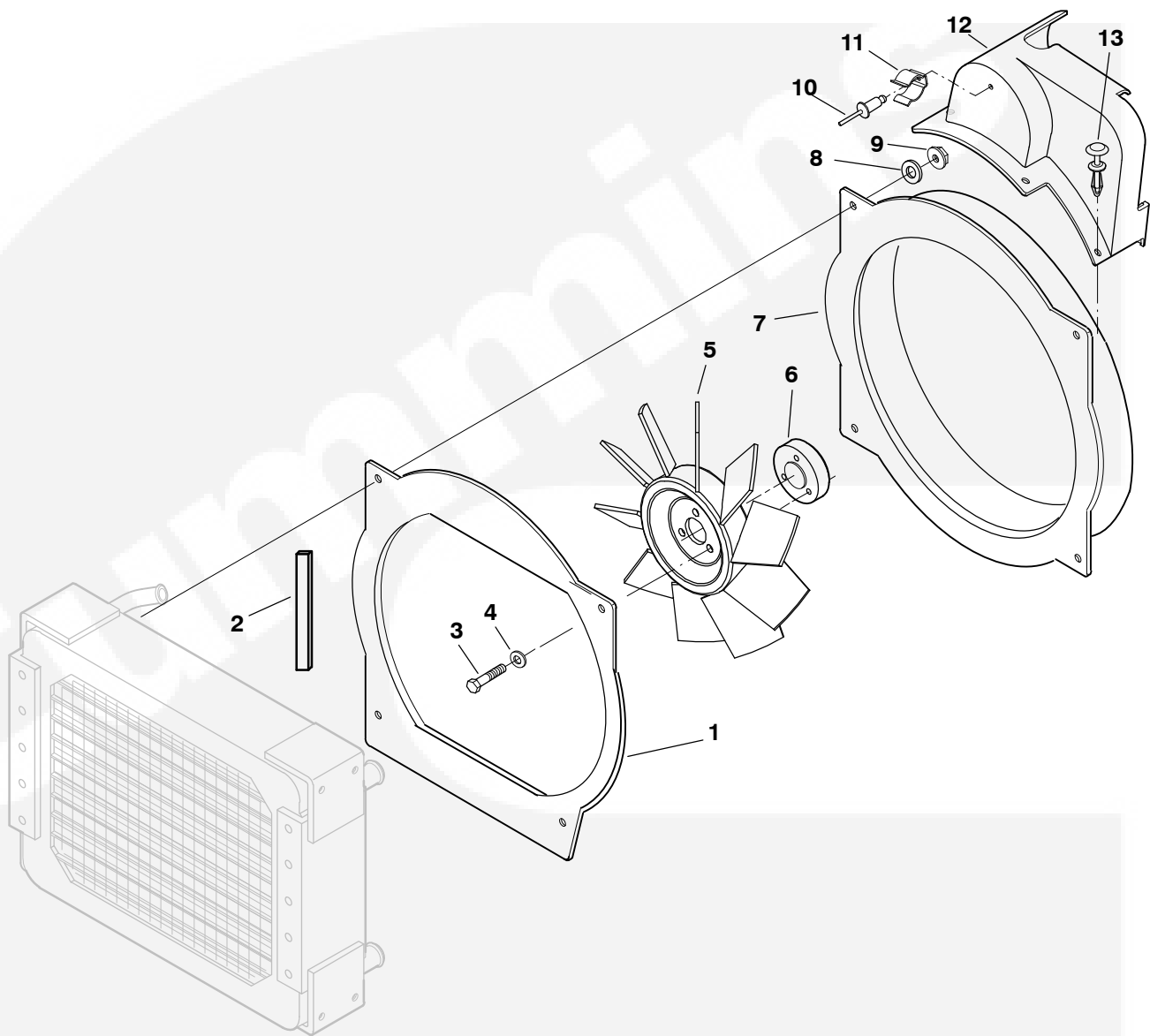
Radiator Mount



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	821-2096-02	12	Screw, Lock Flange (M6 x 1 x 12mm)
2	526-2100	6	Washer, Flat
3	870-2199	6	Nut, Self Lock (M8 x 1.25mm)
4	130-5026-02	1	Support, Left Side Radiator
5	130-5027-02	1	Support, Right Side Radiator

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
6	818-0231-02	6	Rivet, Pop
7	130-5063-02	1	Panel, Bottom
8	406-0922	2	Hinge, Continuous
9	130-5029-02	1	Guard, Fan (LH)
10	130-5030-02	1	Guard, Fan (RH)
11	821-6001-02	4	Screw, Sems (M5)

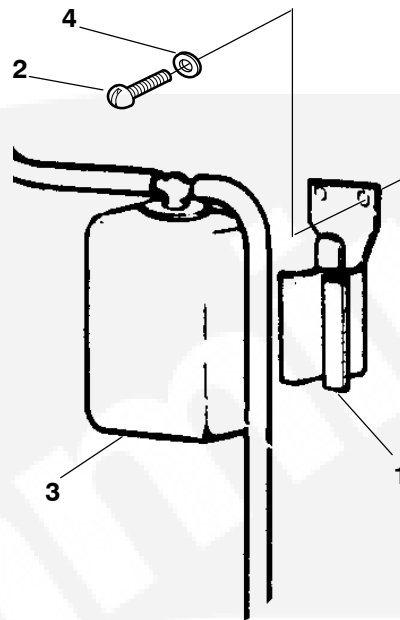
Fan Scroll



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-5031-02	1	Baffle, Scroll
2	895-0305-06	2	Foam
3	800-3044	3	Screw, Hex Head Cap (M10 x 1.25 x 70mm)
4	526-0030	3	Washer, Flat (M10)
5	130-5041	1	Fan, Cooling Pusher (E093)
	130-5042	1	Sucker (E006)

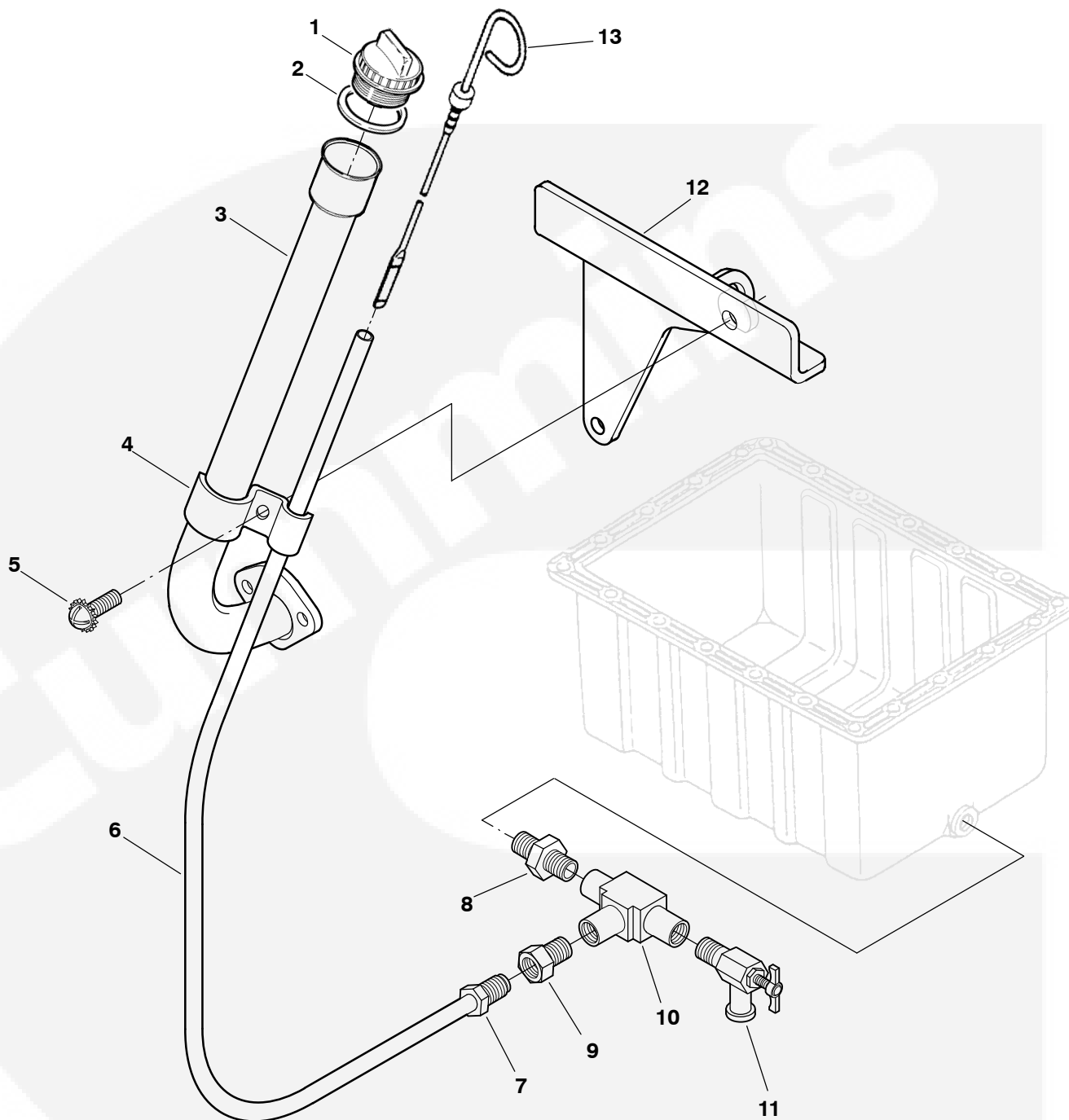
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
6	130-5040	1	Adapter, Fan
7	130-5028	1	Shroud, Fan
8	526-2083	4	Washer, Flat
9	870-2054	4	Nut, Lock Flange (M6 x 1)
10	818-0238	1	Rivet
11	518-0676	1	Clip, Spring
12	130-5043	1	Guard, Belt
13	818-0236	3	Rivet, Reinstallation

Coolant Recovery Tank



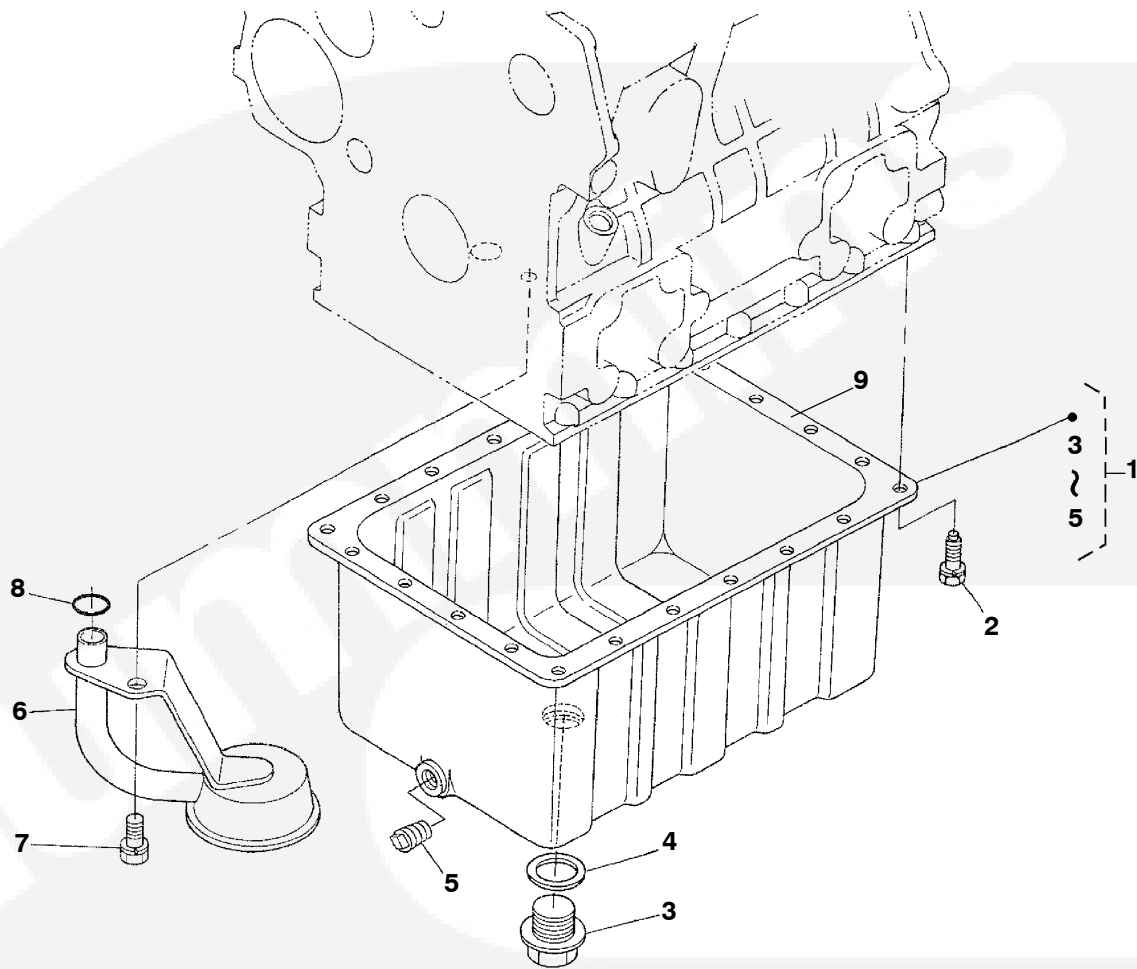
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	130-2781	1	Kit, Recovery Tank	3	130-2779	1	Tank, Radiator Water Recovery
1	130-2780	1	Bracket, Tank	4	526-0020	2	Washer, Flat
2	808-0054	2	Screw, Round Head Sheet Metal (14 x 7/8")				

Oil Fill



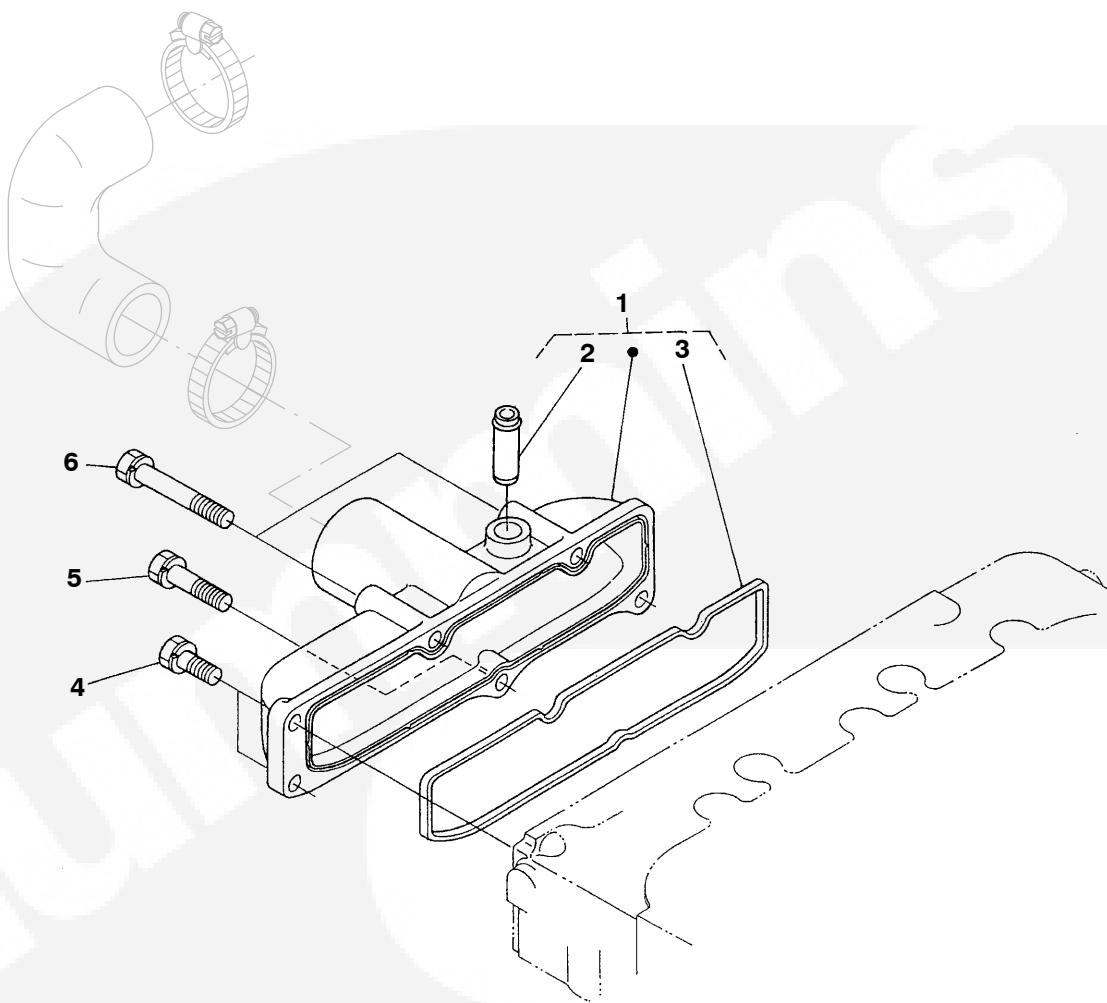
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	123-1647-01	1	Cover, Oil Fill	8	502-0158	1	Nipple, Hex (3/8 x 3/8")
2	509-0142	1	O'Ring	9	502-0036	1	Connector, Inverted Male
3	123-2086-02	1	Tube, Oil Fill	10	502-0090	1	Tee, Pipe (3/8")
4	123-2089-02	1	Clamp, Oil Fill	11	504-0092	1	Valve, Drain
5	815-0364	1	Screw, Round Head ET Cross	12	123-2104-03	1	Bracket, Oil Fill
6	123-2087-02	1	Tube, Oil Level (Includes Nut)	13	123-2077	1	Indicator, Oil Level
7	502-0015	1	Nut, Inverted Flare (3/8")				Recessed (10-32 x 1/2")

Oil Pan



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	102-1562	1	Assy Pan, Oil (Includes Parts MARKed *)	6	122-0940	1	Tube, Oil Pickup
2	800-6505	22	Bolt	7	185-2563	1	Bolt
3	517-0410	1	*Plug, Drain	8	185-7421	1	O'Ring
4	120-1380	1	*Gasket, Oil Drain	9	185-7214	1	Gasket, Oil Pan
5	517-0441	1	*Plug, Oil Drain		A046Z230	1	Spec F-G Spec H

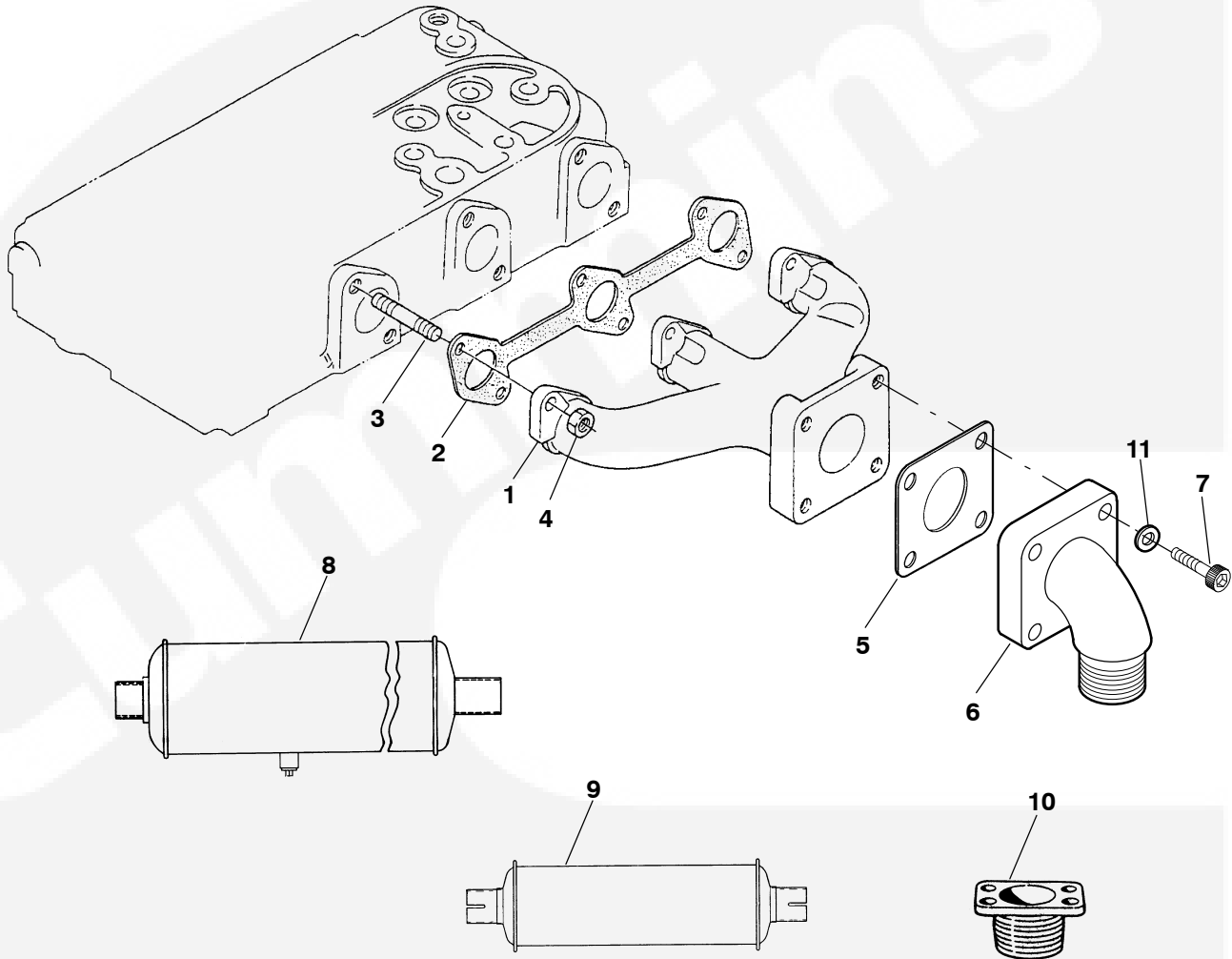
Inlet Manifold



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	181-9189	1	Manifold, Inlet	4	185-2389	3	Bolt
2	185-6499	1	Tube, Inlet Manifold	5	181-9002	1	Bolt
3	185-6926	1	Gasket, Inlet Manifold	6	185-7069	2	Bolt

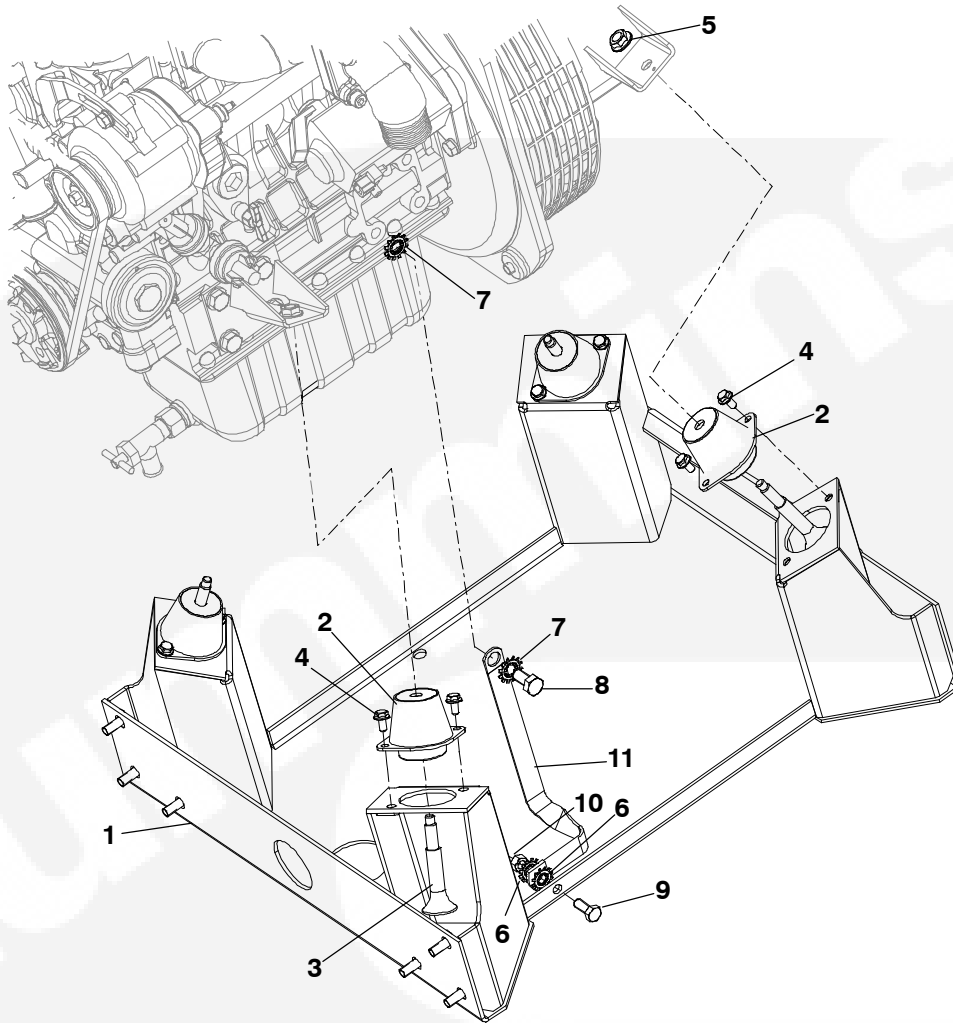


Exhaust Manifold



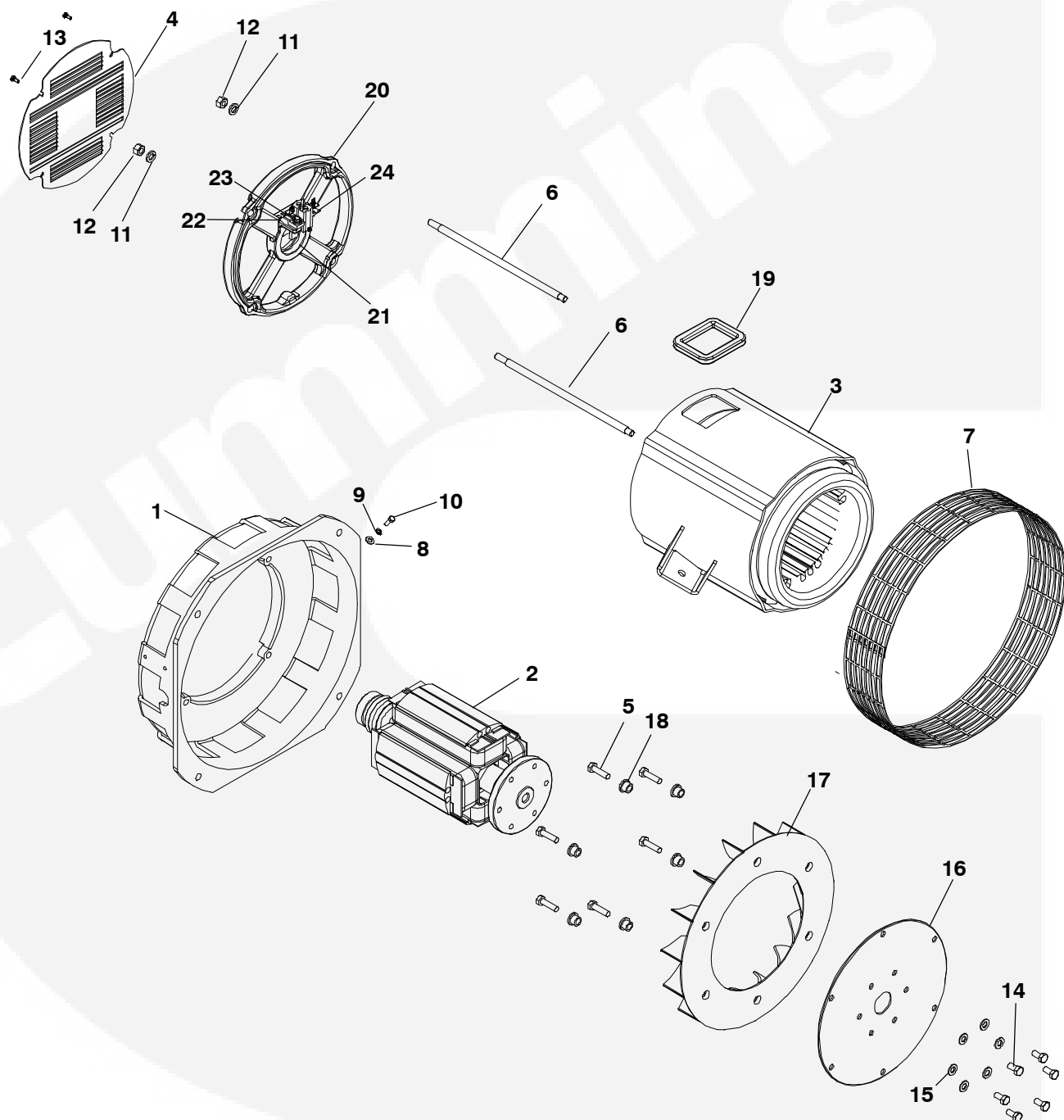
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	181-9190		Manifold, Exhaust	7	725-1052	4	Screw, Hex Head Cap (M8 x 30mm)
2	185-6925	1	Gasket, Exhaust Manifold	8	155-2068	1	Muffler (Option)
3	185-6698	6	Stud	9	155-2653	1	Resonator, Exhaust (Option)
4	185-6699	6	Nut	10	154-2852	1	Adapter, Exhaust (Option)
5	185-6853	1	Gasket, Exhaust	11	850-2008	4	Washer, Locking (M8)
6	155-2666	1	Elbow, Exhaust				

Mounting Frame



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	403-3956-02	1	Pan, Drip	7	856-0010	2	Washer, EIT Lock (3/8")
2	402-0680-02	4	Isolator, Vibration	8	800-3004	1	Screw, Hex Head Cap (M10 x 1.25 x 20mm)
3	815-0861	4	Screw, Isolator Mount (M10 x 1.5)	9	800-2057	1	Screw, Hex Head Cap (M8 x 1.25 x 16mm)
4	821-2096-02	8	Screw, Locking Flange (M6 x 1 x 12mm)	10	750-1006	1	Nut, Hex (M8 x .25)
5	870-2056	4	Nut, Flange Locking (M10 x 1.5)	11	337-2785	1	Strap, Bond
6	856-0008	2	Washer, EIT Lock (5/16")				

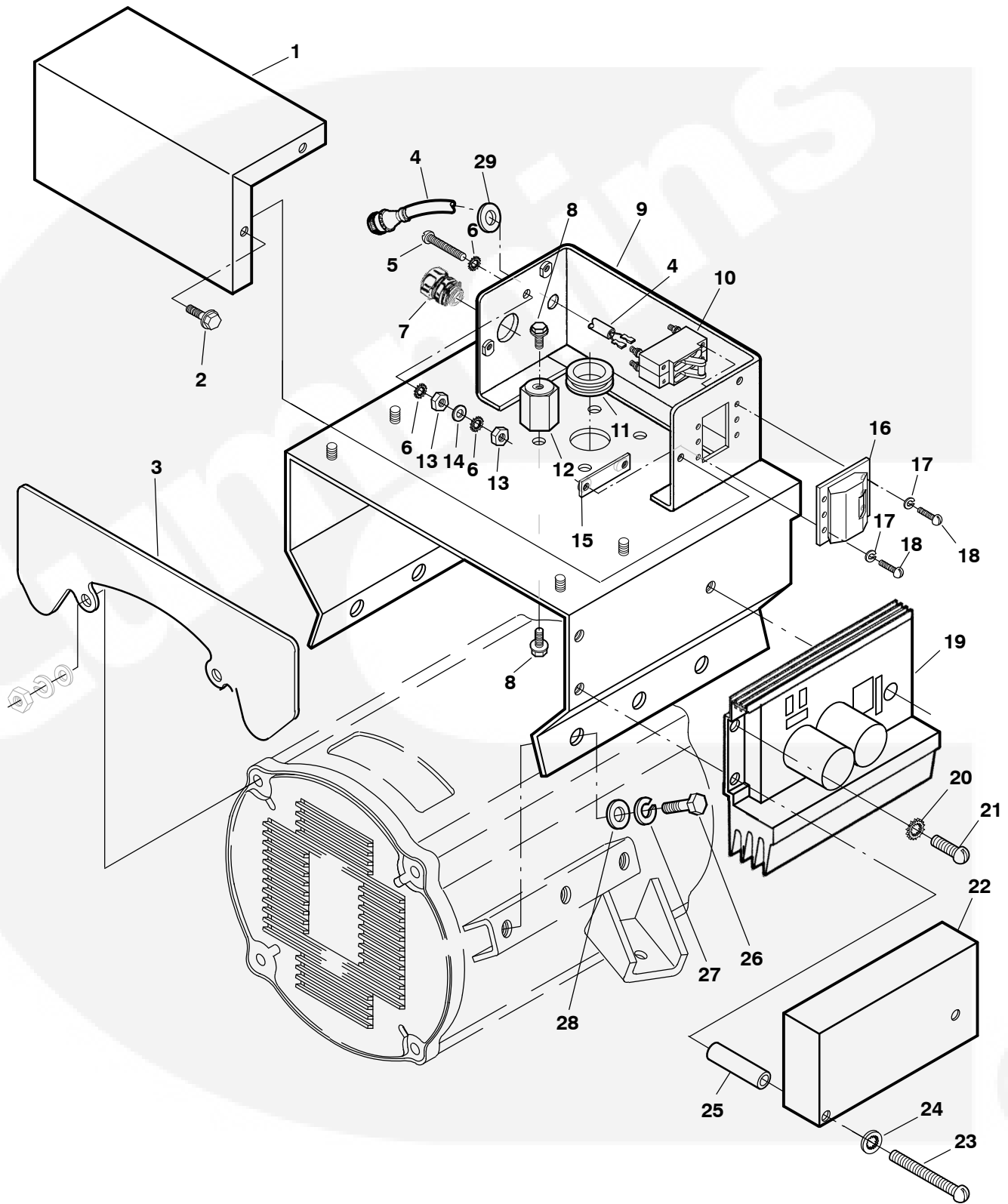
Generator



Generator

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	231-0347	1	Adapter, Generator (Mach) (Does Not Include 100/200V Units)	9	850-2005	3	Washer, Spring Locking (M5)
				10	800-2006	3	Screw, Hex Head Cap (M5 x 0.8 x 14mm)
2			Rotor, Generator	11	850-0050	4	Washer Locking (.375")
	201-3558-02	1	60Hz	12	862-0003	4	Nut, Hex (3/8-16UNC)
	201-3558-03	1	50Hz	13	815-0810	4	Screw, Round Head Mach (M4 x 0.7 x 10mm)
3			Stator, Generator	14	718-1035	6	Screw, Hex Head (M8 x 1.25 x 16mm)
	220-4503-02	1	120/240V 60Hz	15	526-2100	6	Washer, Flat (M8)
	220-4503-12	1	120/240V 50Hz	16	232-4145	1	Disc, Generator Drive
	220-4503-13	1	115/230V 60Hz	17	205-0220	1	Fan, Generator
	220-4503-14	1	115/230V 50Hz	18	232-3296	6	Spacer, Fan
	220-4503-15	1	100/200V 60Hz	19	508-1049-02	1	Edging
4	211-0448-02	1	Intake, Endbell	20	211-0462	1	Endbell
5	800-2515	6	Screw, Hex Head (M8 x 1.25 x 30mm)	21	509-0420	1	O'Ring
6			Stud, Steel	22	526-0399-86	2	Washer, Flat (M5)
	520-1000-02	4	60Hz	23	800-0309-89	2	Screw, Hex Head Mach (M5 x 0.8 x 16mm)
	520-1000-03	4	50Hz	24	212-1285-S0	1	Block, Generator Brush
7	232-3755-02	1	Guard, Fan				
8	526-2080	3	Washer, Flat (M6)				

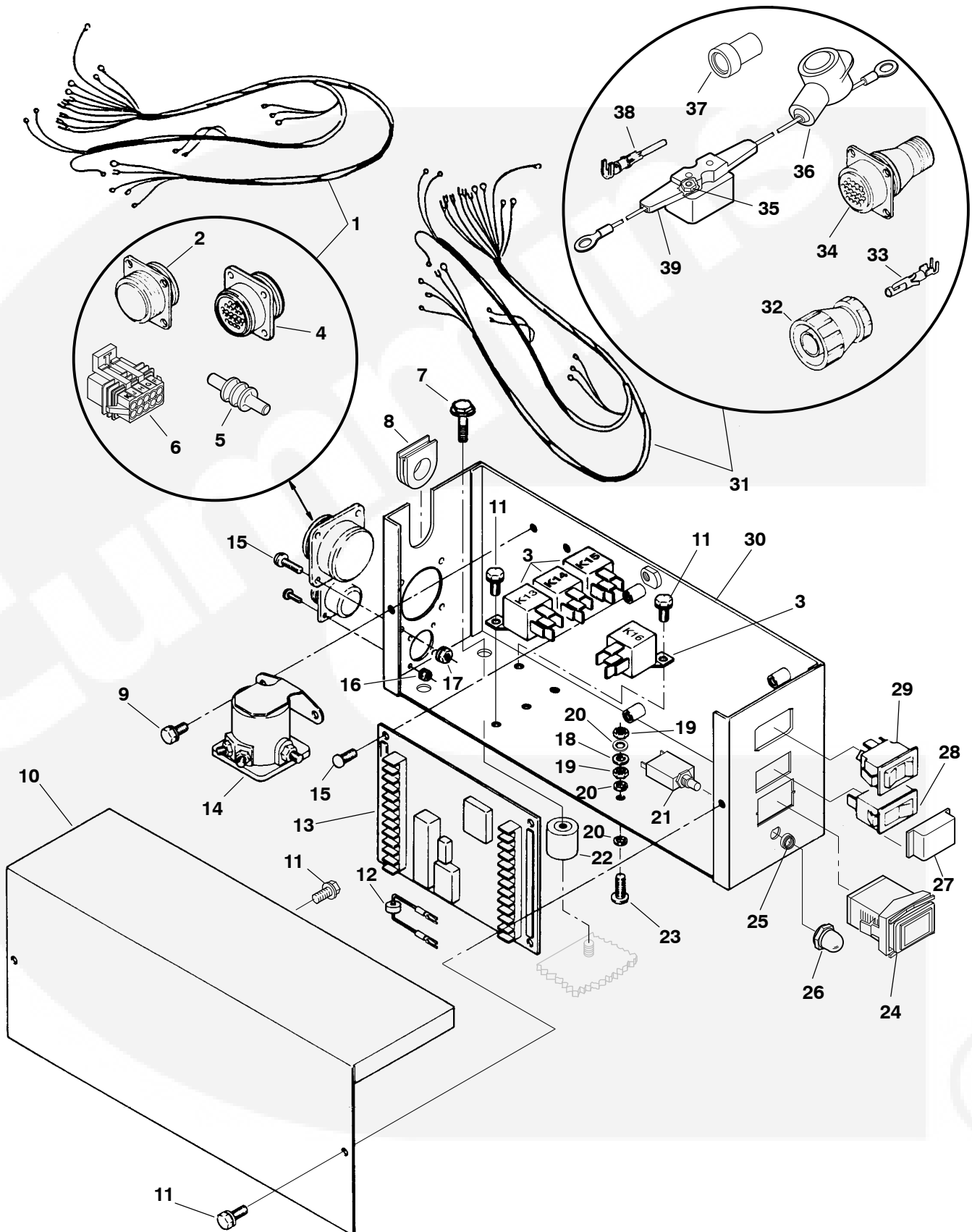
AC Control



AC Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-2829-02	1	Cover, Control	15			Plate, Circuit Breaker
2	821-0004	4	Screw, Lock Head (#10-32 x 5/16")		319-0834	1	1 Pole
3	234-0952-02	1	Guard		319-3023-02		3 Pole
4	338-3483		Harness, AC (Reaches From AC Control Box to DC Control Box) (Includes Plug, Socket, Clamp and Boot)	16	320-1951-02	1	Boot, Circuit Breaker
5	810-0155	1	Screw, Round Head Brass Machine (1/4-20 x 1.25")	17	850-0020	6	Washer, Lock (#6)
6	856-0006	3	Washer, EIT (1/4")	18	812-0061	6	Screw, Round Head Machine (#6-32 x 3/8")
7	331-0116	1	Connector, Straight	19	305-0875-04	1	Regulator, Automatic Voltage (VR21)
8	821-0008	2	Screw, Lock Head (1/4-20 x 5/16")	20	853-0008	3	Washer, EIT (#10)
9	319-2830-04	1	Box, Control	21	815-0905-05	7	Screw, Round Thread Thru (#10-32 x 5")
10			Breaker, Circuit 2 Pole	22	319-3187-02	1	Cover, Regulator
	320-1676-06	1	25A	23	813-0114	2	Screw, Round Head Machine (#10-32 x 3")
	320-1676-03	1	30A	24	854-0010	2	Washer, IT Lock (#10)
	320-1676-04	1	35A	25	370-4083-01	2	Standoff, Cover
	320-1676-01	1	40A	26	718-1020	6	Screw, Hex Head Cap (M6 x 1 x 16mm)
	320-1676-05	1	45A	27	850-2006	6	Washer, Lock (M6)
	320-1880-02	1	3 Pole (25A)	28	526-0018	6	Washer, Flat (1/4")
11	508-0278	1	Grommet	29	508-0198	1	Grommet
12	332-2370	1	Standoff, Insulator	* - Following Parts Shipped Loose in Plastic Bag:			
13	871-0016	2	Nut, Hex (1/4-20)		323-1582	1	Plug (12 Pin)
14	526-0052	1	Washer, Flat (1/4")		323-1583	1	Wedge, Plug (12 Pin)
					323-1591	4	Plug, Seal

DC Control



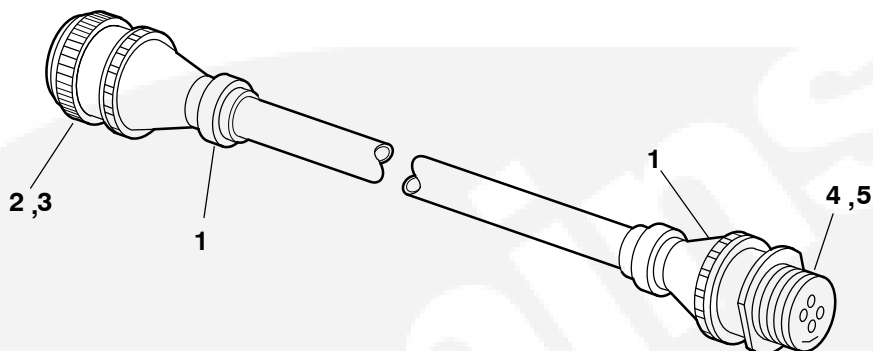
DC Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-3434	1	Harness, DC Control (Usage is Internal to DC Control Box) (Includes Parts Marked #)	22	402-0078	4	Isolator, Vibration
2	323-1384	1	#Receptacle, Circular (J1)	23	810-0155	1	Screw, Round Head Brass Machine (1/4-20 x 1.25")
3	307-1886	4	#Relay (K13-Heater, K14-Fuel Solenoid, K15-Fuel Flashing K16-Remote Start)	24	302-2002	1	Meter, Hour (M11)
4	323-1206	1	#Receptacle, Circular (J2)	25	320-1954	1	Adapter, Threaded
5	323-1712	2	#Plug, Cavity	26	320-1953	1	Boot, Push Button
6	323-1711	1	#Connector, Plug (10 Pin)	27	320-1952	1	Boot, Rocker Switch
7	821-0014	4	Screw, Lock Head (5/16-18 x 1/2")	28	320-2361	1	Breaker, Circuit (CB11)
8	508-1105	1	#Grommet	29	308-1027	1	Switch, Start/Stop (S11)
9	821-0008	2	Screw, Lock Head (1/4-20 x 5/16")	30	319-4505	1	Box, Control
10	301-9883-03	1	Cover, Control	31	338-3484		Harness, Engine (Reaches from Engine to DC Control Box) (Includes Parts Marked ◇)
11	821-0004	7	Screw, Lock Head (#10-32 x 5/16")	32	332-2304	1	◇Clamp, Cable
12	357-0088	1	Rectifier Assy (CR2)	33	323-1195	16	◇Socket, Female
13	300-2604	1	PCB Assy, Engine Monitor (A11)	34	323-1207	1	◇Plug, Circular (J2)
14	307-1617	1	Relay, Start Solenoid (12V)(K11)	35	870-0131	2	◇Nut, ET Hex (10-32)
15	815-0388	8	Screw, Round Head Machine (#6-32 x 1/2")	36	416-1021-03	1	◇Boot
16	870-1220	4	Nut, ET Hex (#4-40)	37	323-1790	1	◇Boot, Rubber
17	870-0183	4	Nut, ET Hex (#6-32)	38	323-1492	AR	◇Socket, Contact
18	526-0052	1	Washer, Flat (1/4")	39	320-1928-01	1	◇Breaker, Circuit (CB3) (12V, 40A)
19	871-0016	2	Nut, Hex (1/4-20)	40	98-7310	1	Label, Schematic (DC) (Not Shown)
20	856-0006	3	Washer, EIT (1/4")				
21	320-1141	1	Breaker and Terminal Assy (Fault) (CB12)				

- Parts Included in Control Wiring Harness.

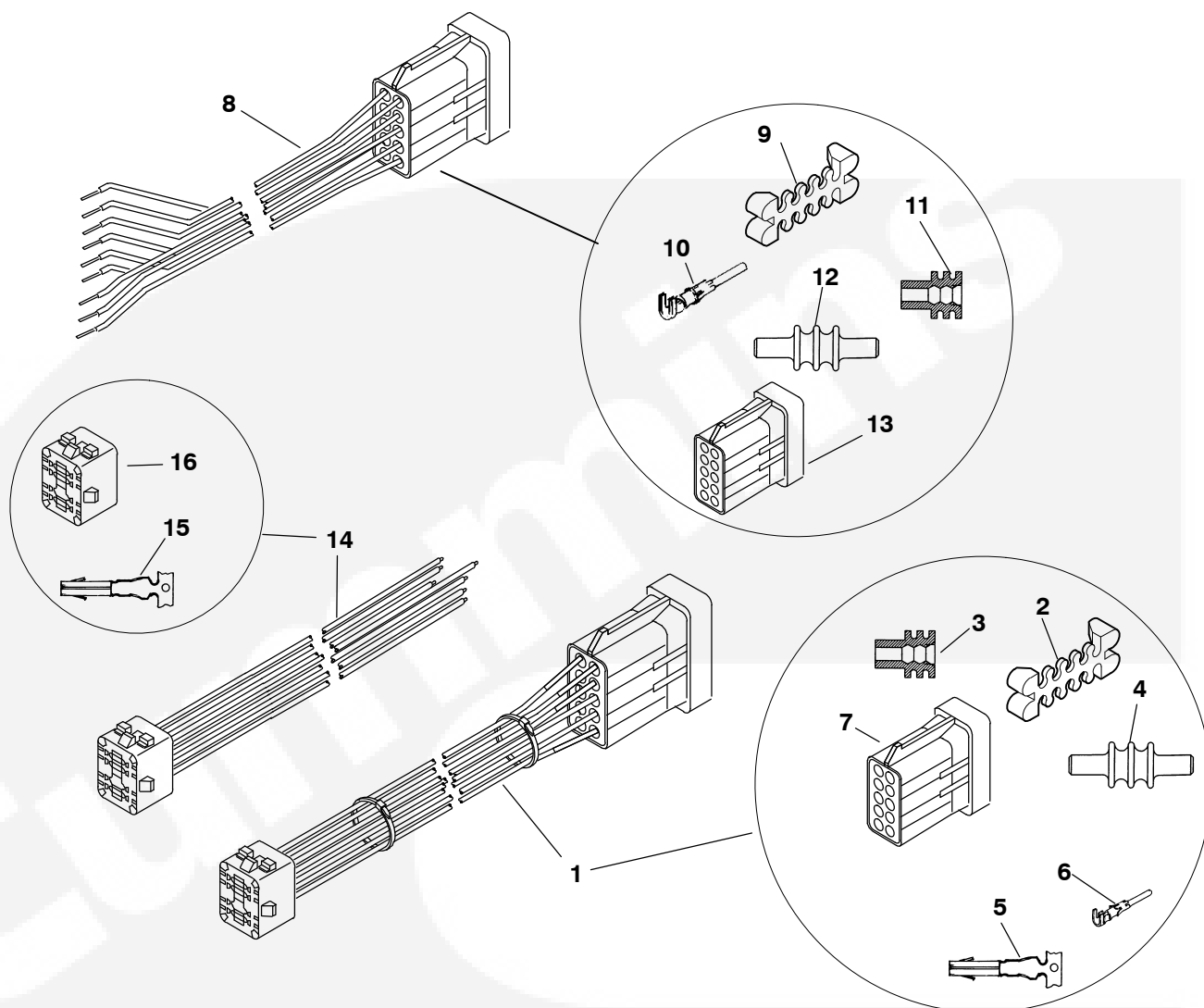
◇ - Parts Included in Engine Wiring Harness.

Remote Mount DC Control Box Harness



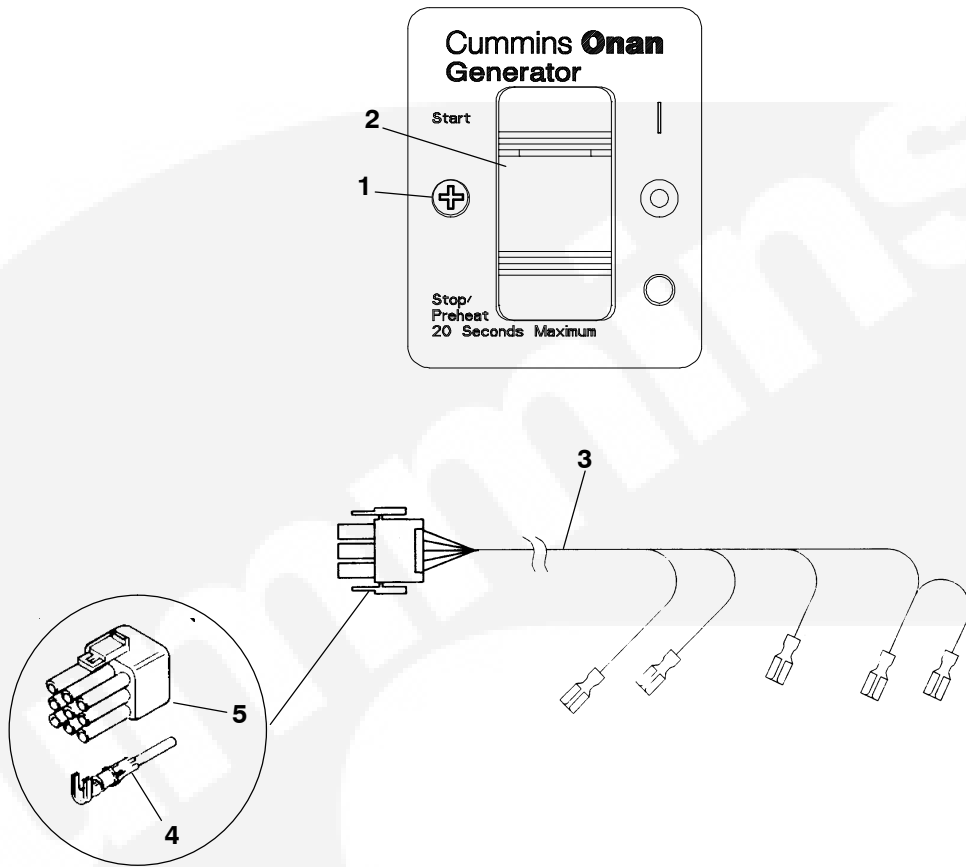
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Harness, Remote (Used When DC Control Box is Remote Mounted)	2			Plug, Circular (P2)
			DC	323-1383	1		AC Harness (4 Pin)
				323-1207	1		DC Harness (24 Pin)
338-2912-01	1		24"	3			Socket, Terminal (P2) (Female)
338-2912-02	1		42"	323-1229	2		AC Harness (22-18 AWG)
338-2912-03	1		90"	323-1195	17		DC Harness (18-14 AWG)
338-2912-04	1		126"	4			Plug, Free Hanging Receptacle (J2)
338-2912-05	1		162"	323-1620	1		AC Harness (4 Contacts)
			AC	323-1613	1		DC Harness (24 Contacts)
338-2914-01	1		18"	5			Pin, Terminal (J2) (Male)
338-2914-02	1		36"	323-1228	2		AC Harness (22-18 AWG)
338-2914-03	1		84"	323-1194	17		DC Harness (18-14 AWG)
338-2914-04	1		120"				
338-2914-05	1		156"				
1	332-2304	2	Clamp, Cable DC Harness				

Harnesses



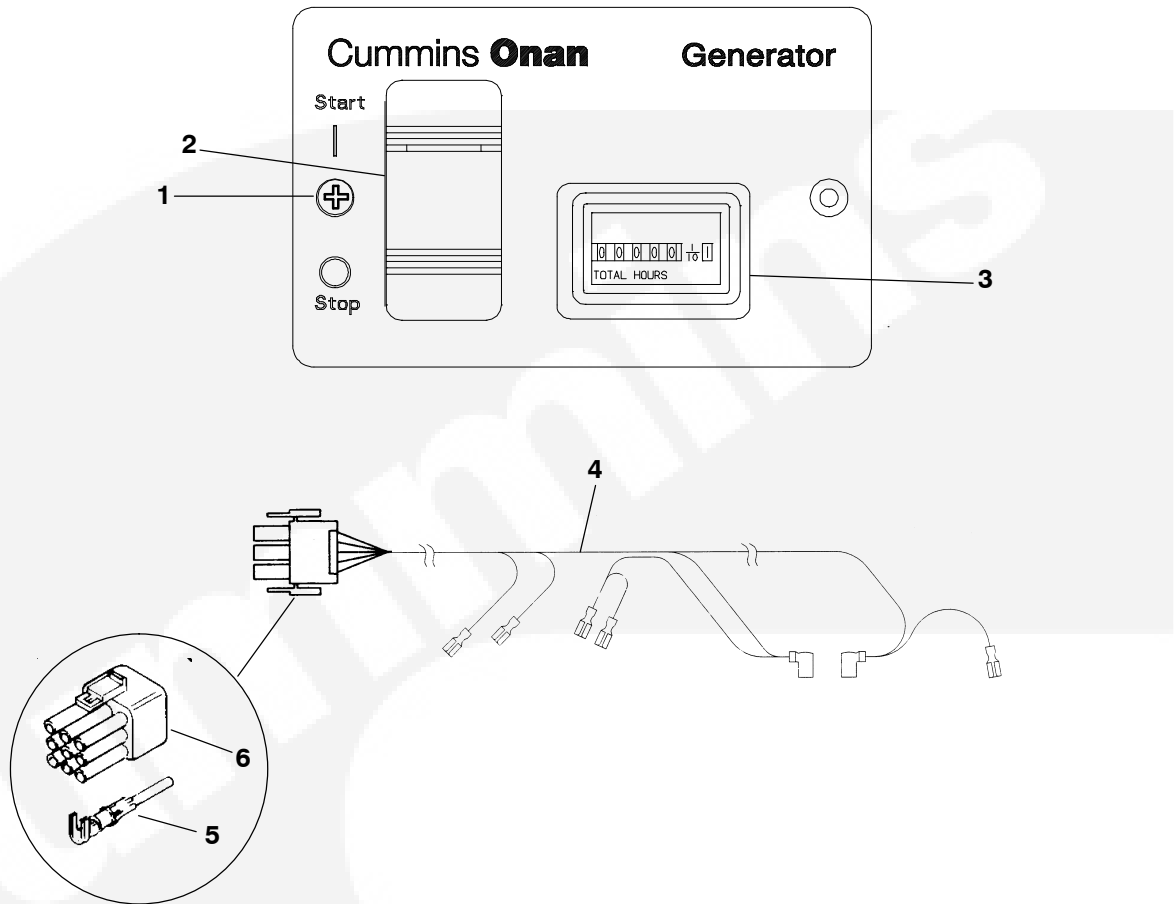
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Harness, Extension (Reaches From DC Control Harness to Remote Panel) (Includes Parts Marked +)	9	323-1719	1	° Housing, Lock
	338-3490-01	1	10 Feet	10	323-1707	8	° Pin, Contact
	338-3490-02	1	30 Feet	11	323-1708	8	° Seal, Cable
2	323-1719	1	+ Housing, Lock	12	323-1712	2	° Plug, Cavity
3	323-1708	8	+ Seal, Cable	13	323-1710	1	° Connector, Receptacle (10 Pin)
4	323-1712	2	+ Plug, Cavity	14	338-3573	1	Harness, Customer Interface Pigtail 6" (Reaches From Remote Panel to Customer Interface) (Includes Sockets and Cap)
5	323-1200	8	+ Socket, Contact				
6	323-1707	8	+ Pin, Contact	15	323-1200	8	Socket, Contact
7	323-1710	1	+ Connector, Receptacle (10 Pin)	16	323-1325	1	Cap, Connector
8	300-4947	1	Harness, Remote Connector (Customer Interface Pigtail 6") (Reaches From DC Control Harness to Customer Interface) (Includes Parts Marked °)				

Remote Switch Panel



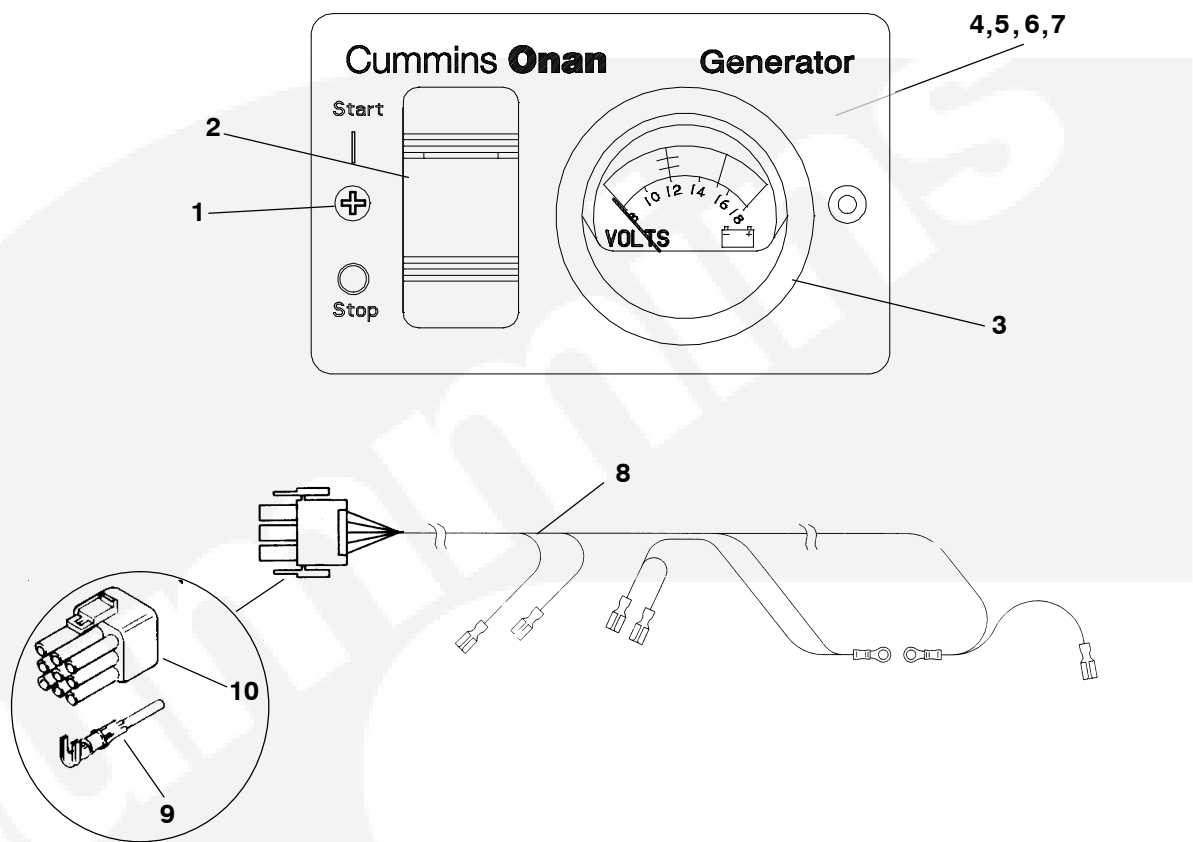
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	300-4939	1	Kit, Switch Only Remote Panel	4	323-1199	4	Pin, Contact
1	815-0910	2	Screw, Wood Mounting (#6 x 1)	5	323-1291	1	Plug (9 Pin)
2	308-1062	1	Switch, Rocker				
3	338-3511	1	Harness, Remote Panel (Includes Pins and Plug)				

Remote Switch/Hourmeter Panel



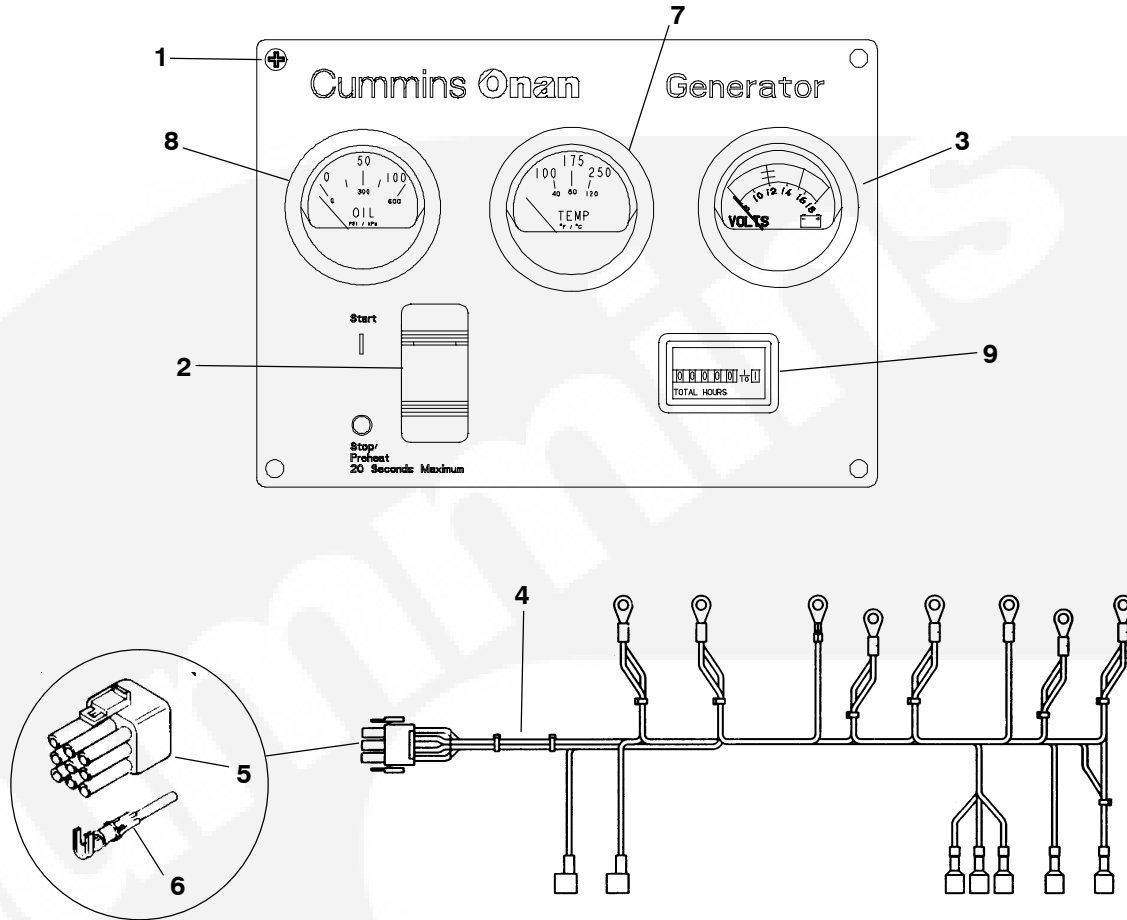
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	300-4940	1	Kit, Switch/Hourmeter Remote Panel	4	338-3467	1	Harness, Remote Panel (Includes Pins and Plug)
1	815-0910	2	Screw, Wood Mounting (#6 x 1)	5	323-1199	5	Pin, Contact
2	308-1062	1	Switch, Rocker	6	323-1291	1	Plug (9 Pin)
3	302-2002	1	Meter, Hour				

Remote Switch/Voltmeter Panel



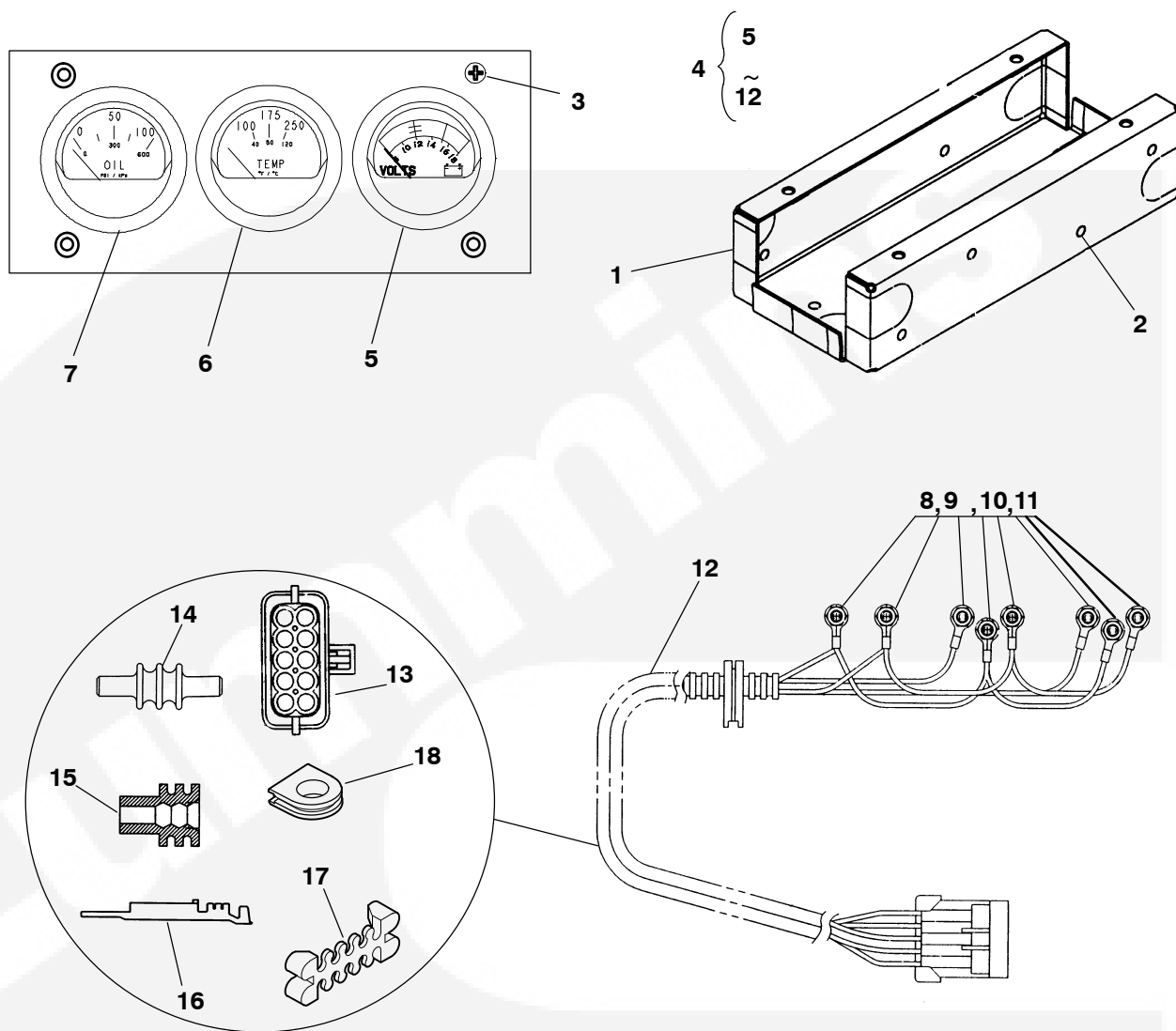
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	300-4941	1	Kit, Switch/Voltmeter	7	850-0030	2	Washer, Lock
1	815-0910	2	Screw, Wood Mounting (#6 x 1)	8	338-3508	1	Harness, Remote Panel (Includes Pins and Plug)
2	308-1062	1	Switch, Rocker	9	323-1199	5	Pin, Contact
3	302-1062	1	Meter, Voltage	10	323-1291	1	Plug (9 Pin)
4	526-0409	2	Washer, Nylon				
5	526-0049	4	Washer, Flat				
6	871-0010	4	Nut, Hex Brass Machine (10-32)				

Remote Gauge Panel



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	300-5026	1	Kit, Remote Gauge Panel	5	323-1291	1	Plug (9 Pin)
1	808-0023	4	Screw, Pan Head Sheet Metal Mounting (#8 x .50)	6	323-1199	7	Pin, Contact
2	308-1062	1	Switch, Rocker (SPDT)	7	193-0351	1	Gauge, Water Temperature
3	302-1641	1	Meter, Voltage	8	193-0352	1	Gauge, Oil Pressure
4	338-3636	1	Harness, Remote Panel (Includes Plug and Pins)	9	302-2002	1	Meter, Hour

Remote DC Gauge Panel



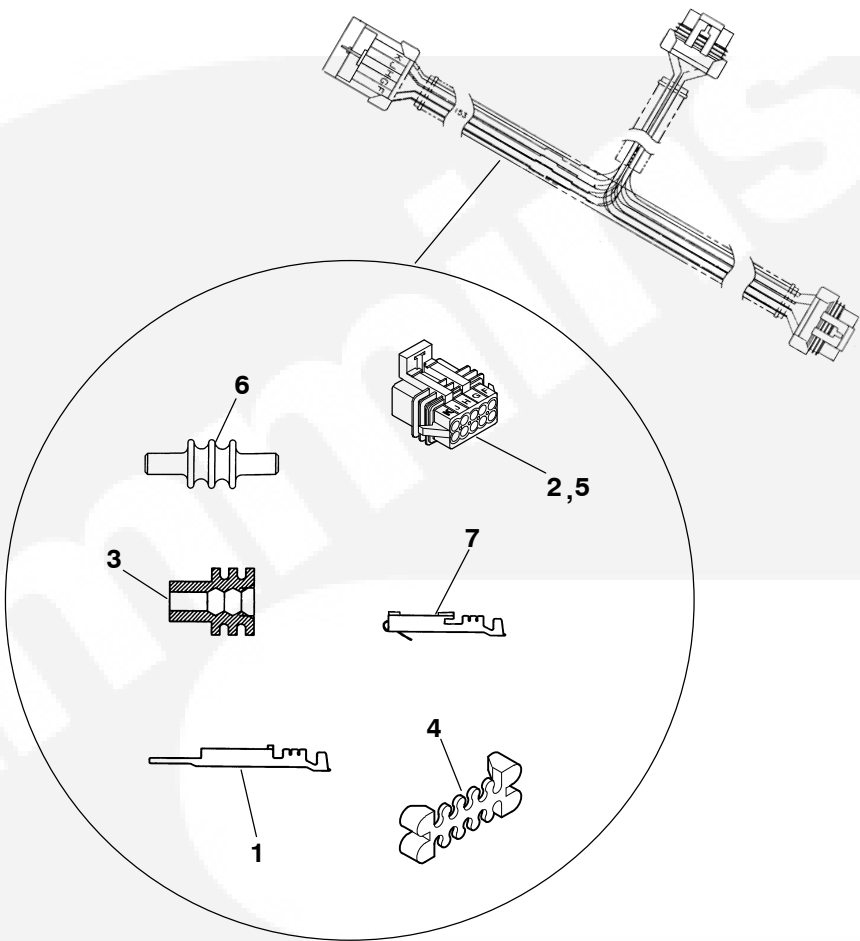
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	300-4966	1	**Kit, DC Gauge Panel
1	319-3110-03	1	Box, Gauge
2	821-0005	2	Screw, Lock Head (10-32 x .50)
3	821-0004	4	Screw, Lock Head (10-32 x .31)
4	300-4954	1	Panel Assy, Remote (Includes the following)
5	302-1641	1	Meter, Voltage
6	193-0351	1	Gauge, Water Temperature
7	193-0352	1	Gauge, Oil Pressure
8	526-0409	8	Washer, Nylon
9	526-0049	16	Washer Brass
10	850-0030	8	Washer, Split Lock (#10)
11	871-0010	16	Nut, Hex (#10-32)
12	338-3515	1	Harness, Remote Panel (Reaches from Remote Panel to DC Gauge Panel Junction Harness) (Includes Parts Marked *)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
13	323-1710	1	*Connector, Receptacle (8 Pin)
14	323-1712	6	*Plug, Cavity
15	323-1708	4	*Seal, Cable
16	323-1707	5	*Pin, Contact
17	323-1719	1	*Housing, Lock
18	508-1105	1	Grommet

** - Kit Also Includes Oil Pressure Sender and Water Temperature Sender Illustrated with Cylinder Block and Water Flange Respectively.

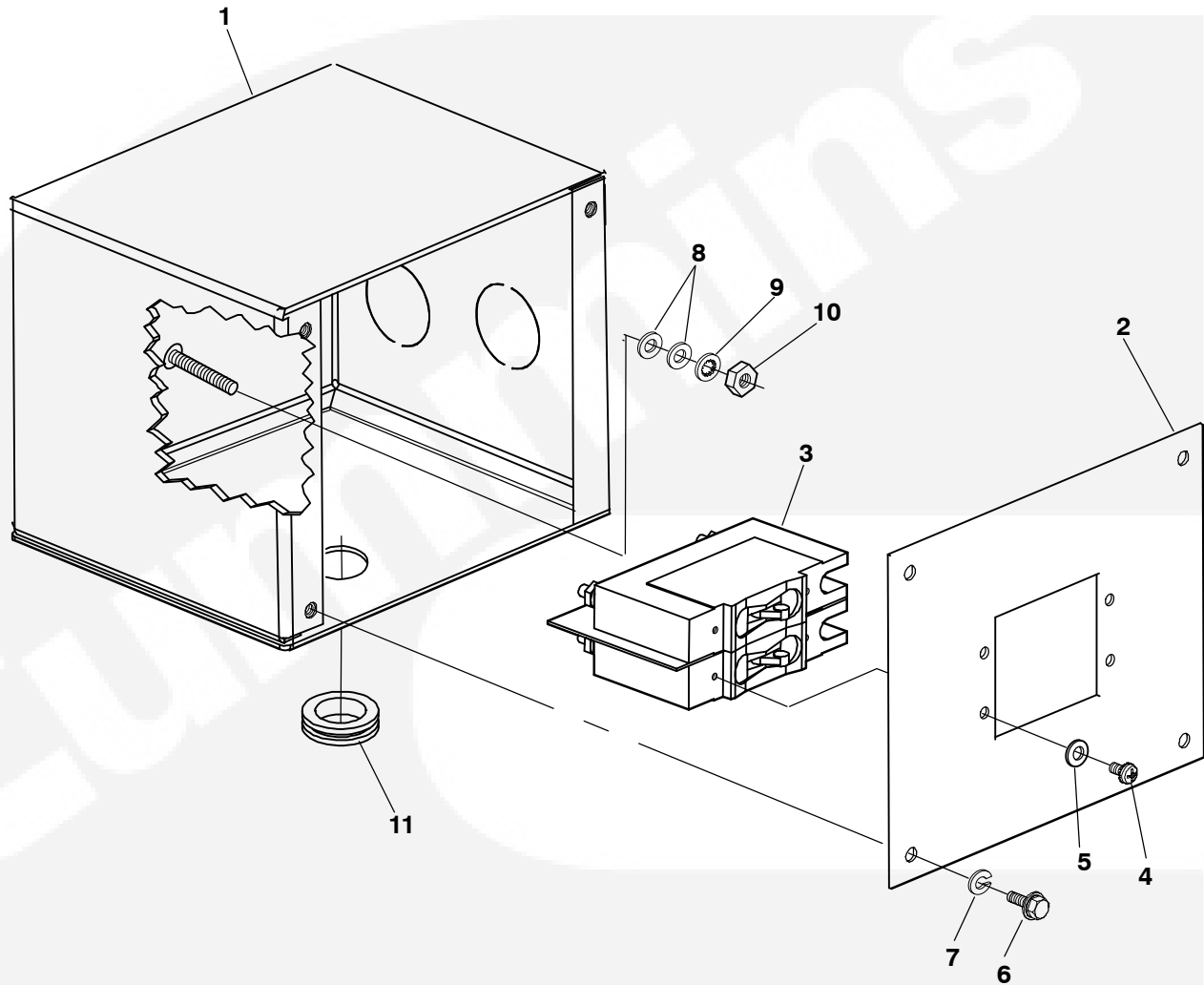
* - Parts Included in Remote Panel Harness.

Remote DC Gauge Panel Harness



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	338-3526	1	Harness, Remote DC Gauge Panel Junction (Reaches from Remote DC Gauge Panel to DC Control Box and Extension Harness)	3	323-1708	24	Seal, Cable
1	323-1707	AR	Pin, Contact	4	323-1719	3	Housing, Lock
2	323-1710	1	Connector, Receptacle (10 Pin) (P3)	5	323-1711	2	Connector, Plug (10 Pin) (J4, J5)
				6	323-1712	6	Plug, Cavity
				7	323-1709	AR	Socket, Terminal

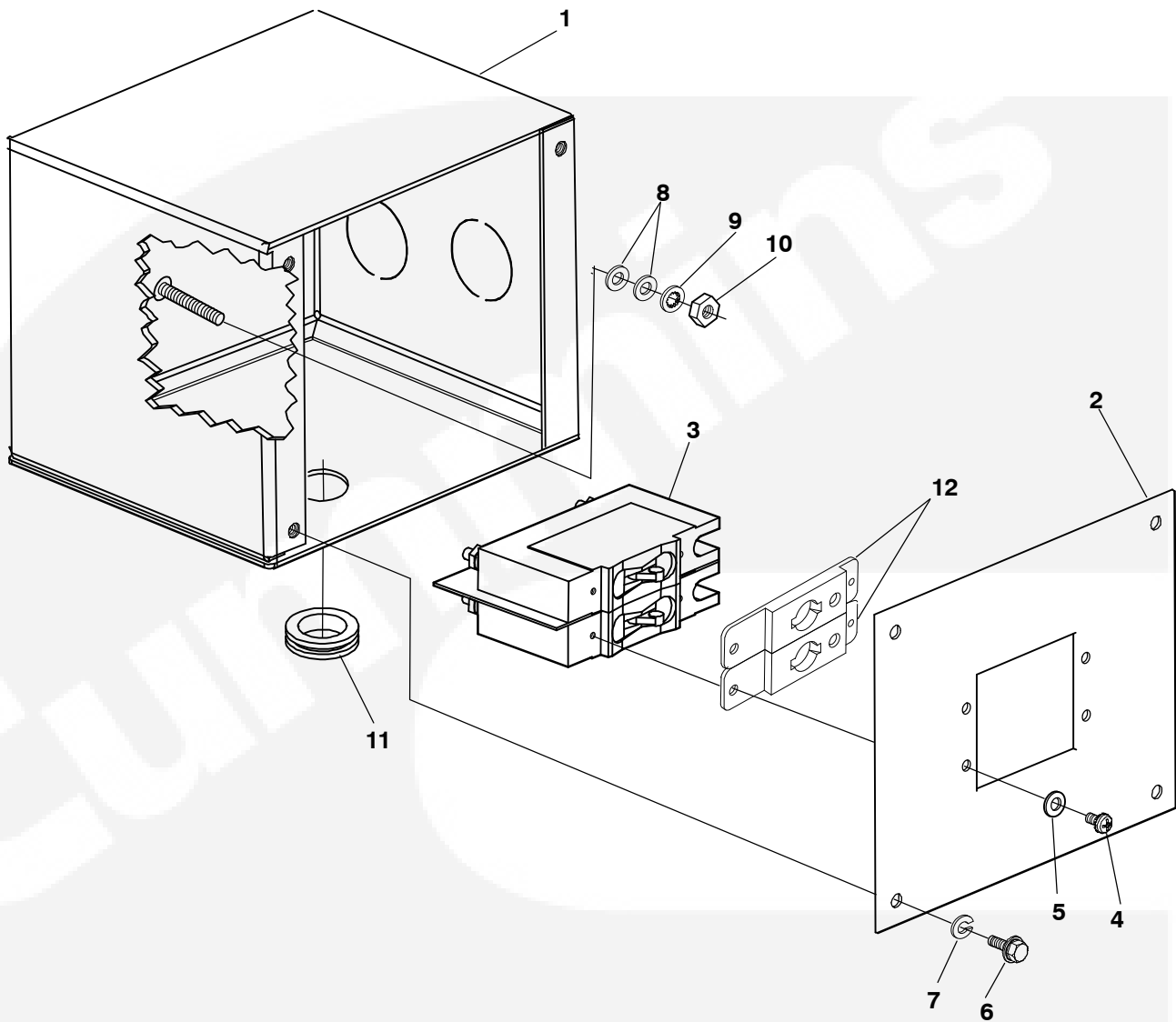
Remote Circuit Breaker Box 30A or 35A



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Kit, Remote Mount Circuit Breaker
	320-1950	1	30A, 2 Pole
	320-1949	1	35A, 2 Pole
1	319-1054	1	Box, Junction
2	319-3116-02	1	Cover, Junction Box
3			Breaker, Circuit
	320-1676-03	1	30A
	320-1676-04	1	35A
4	812-0061	4	Screw, Round Head Machine (#6-32 x .38)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
5	850-0020	4	Washer, Lock (#6)
6	813-0100	4	Screw, Round Head Machine (#10-32 x .50)
7	850-0030	4	Washer, Lock (#10)
8	526-0052	2	Washer, Flat (1/4")
9	854-0014	1	Washer, Lock IT (1/4")
10	871-0015	1	Nut, Hex Brass (1/4-20)
11	331-0538	8	Bushing, Reducer (1" to 3/4")

Remote Circuit Breaker Box 30 or 20A



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	320-1948	1	Kit, Remote Mount Circuit Breaker (30/20A)	6	813-0100	4	Screw, Round Head Machine (#10-32 x .50)
1	319-1054	1	Box, Junction	7	850-0030	4	Washer, Lock (#10)
2	319-3116-02	1	Cover, Junction Box	8	526-0052	2	Washer, Flat (1/4")
3	320-1323	1	Breaker, Circuit (30A)	9	854-0014	1	Washer, Lock IT (1/4")
4	812-0061	6	Screw, Round Head Machine (#6-32 x .38)	10	871-0015	1	Nut, Hex Brass (1/4-20)
5	850-0020	6	Washer, Lock (#6)	11	331-0538	6	Bushing, Reducer (1" to 3/4")
				12	319-3121-01	2	Adapter, Circuit Breaker

Labels

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Label, Circuit Breaker	98-7142	1		Three Phase
98-6303-03	1		35A				Single Phase
98-6303-06	1		30A	98-7288-01	1		Schematic
98-6639	1		30/20A	98-7288-02	1		Generator Chart
98-7244	1		Label, QD Package	98-7310	1		Label, Schematic - DC
98-2235	1		Label, Ground	98-5755	1		Label, Warning - Hazardous
98-7034-01	1		Label, Listed				Voltage/Feedback
			Label, Model Ident	98-7551	1		Label, Package
98-7478-02	1		5.0kW	98-4798-01	4		Label, Warning - Rotating Parts
98-7478-04	1		6.0kW	98-7480-01	1		Label, Warning - Install
98-7287-03	1		7.0kW, 7.5kW	98-6074-02	1		Label, Wiring (Operator)
98-7349-03	1		Commercial	98-5347	1		Label, Danger
98-7287-02	1		GenSet				(Hazardous Voltage)
98-7139	1		8.0kW	98-7960-02	1		Label, Identification (6.0)
98-5338	1		Label, No Step	98-7960-03	1		Label, Identification (7.5)
98-6505-02	1		Label, Oil Recommendations				

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