

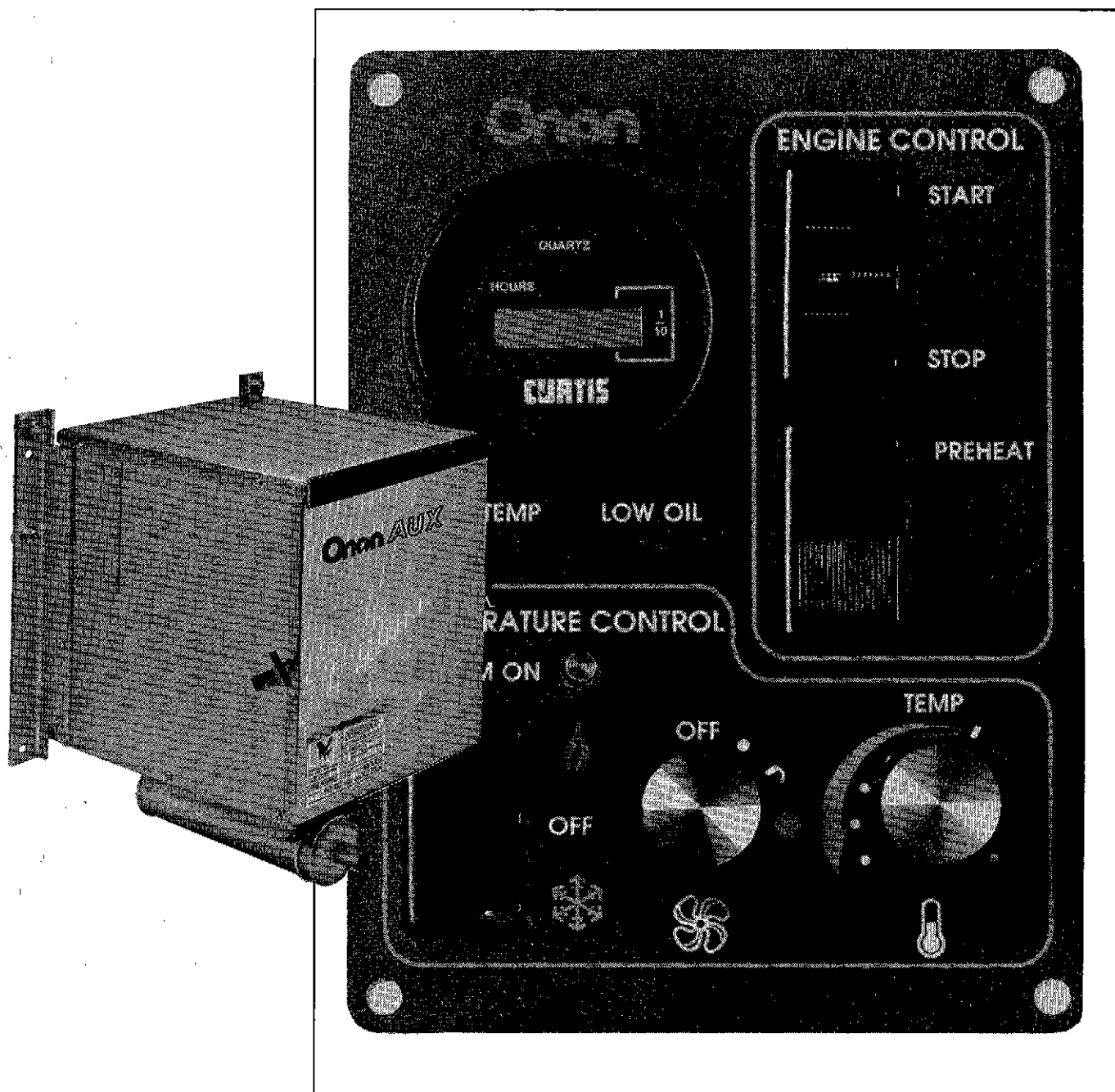
Onan

Auxiliary Power Unit

Parts Manual

DKX

AUX™ Series



Printed in U.S.A.

981-0250
12-93 (Spec A)

SAFETY PRECAUTIONS

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

⚠ DANGER

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

⚠ WARNING

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

⚠ CAUTION

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

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. _____

PRODUCT SAFETY PRECAUTIONS

⚠ WARNING

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.

⚠ WARNING

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!

⚠ WARNING

Contact with BENZINE and LEAD, found in gasoline, fuel additives and solvents has been identified by a United States federal agency and some USA 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 clothing!

Introduction

This Parts Manual applies to the Auxiliary Power Unit listed below. The Right and Left sides of the unit are determined by **FACING** the front service access panel.

Set Data Table

MODEL IDENTIFICATION	BATTERY	REFRIGERANT	FUEL	RPM	Replacement Engine No.
DKX-AUXA/1A	12V	R-12	Diesel	2600	100-3068
DKX-AUXA/2A	12V	R-134a	Diesel	2600	100-3068

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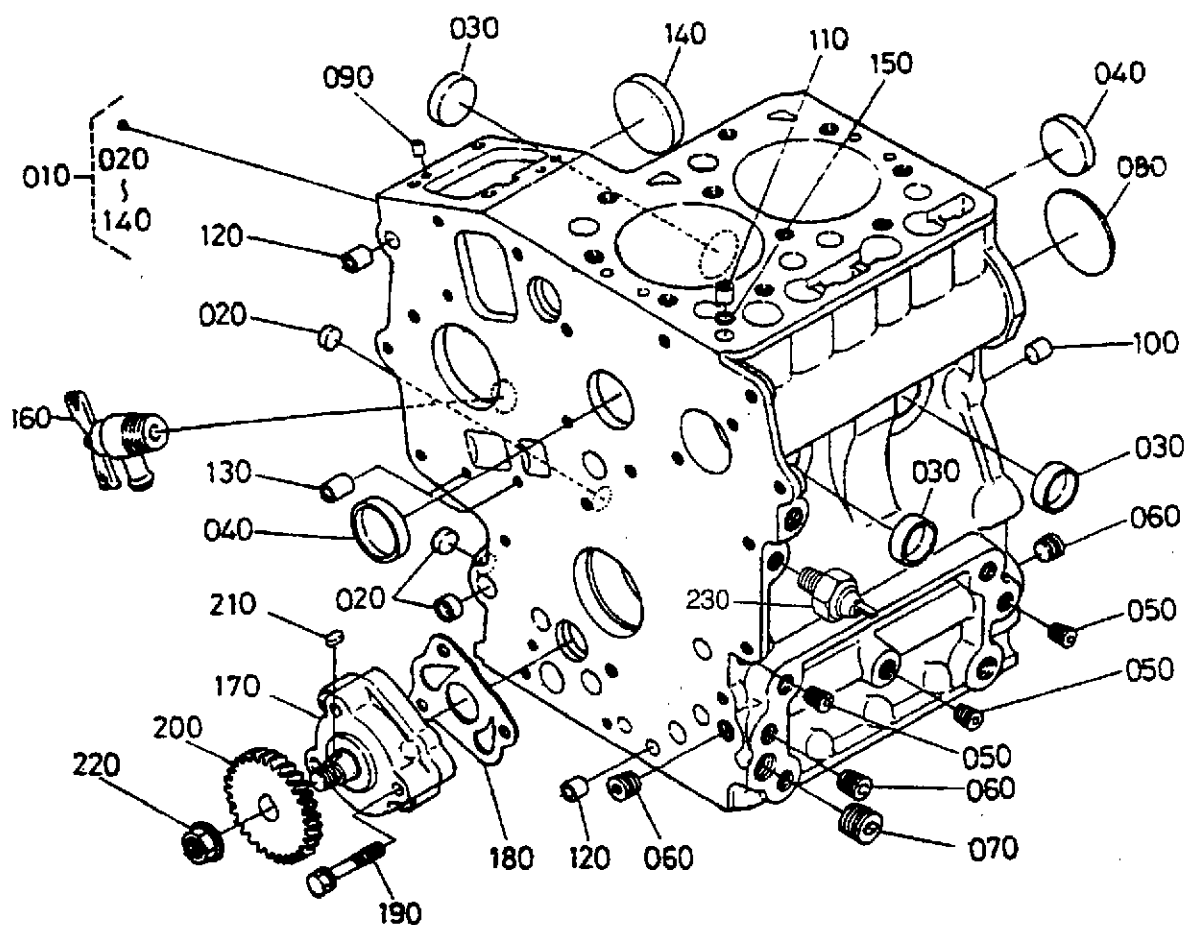
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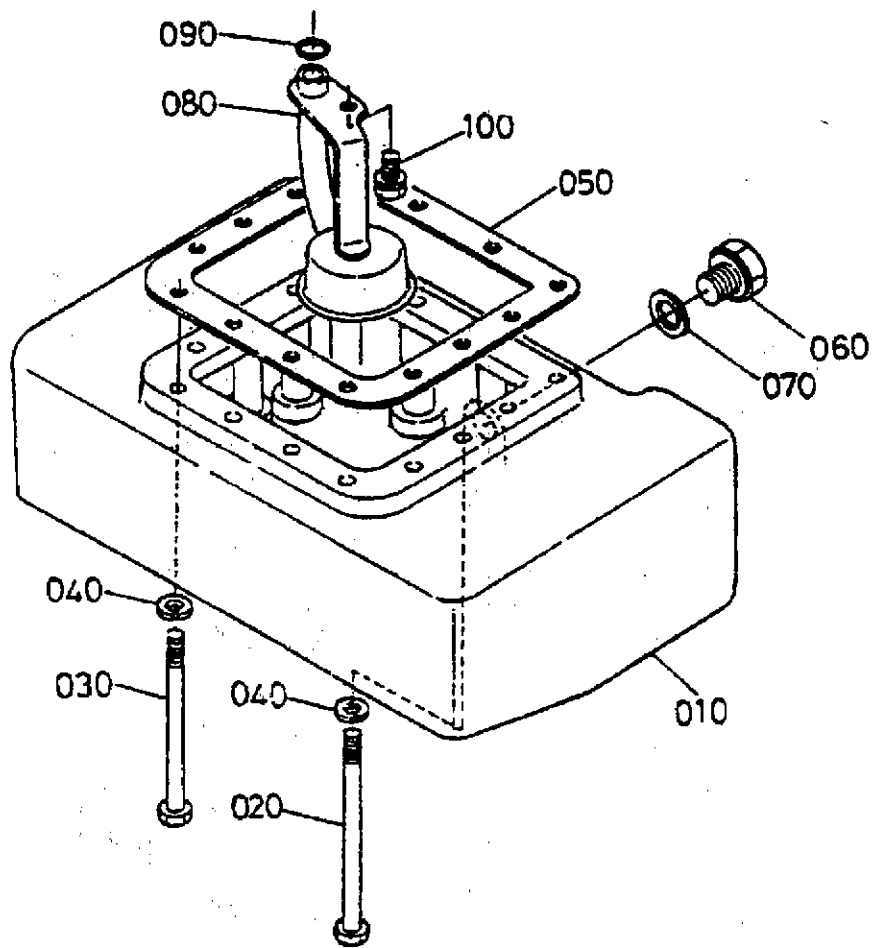
Crankcase



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5481	1	Crankcase
020	185-5482	3	Cap, Sealing
030	185-5483	3	Cap, Sealing
040	185-5484	2	Cap, Sealing
050	185-2188	4	Plug
060	185-2233	3	Plug
070	185-2234	1	Plug
080	185-5485	1	Plug
090	185-5486	2	Pin, Straight
100	185-5487	2	Pin, Straight
110	185-2094	1	Pin, Pipe
120	185-2116	2	Pin, Pipe

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
130	185-5488	2	Pin, Pipe
140	185-5489	1	Cover, Camshaft - Fuel
150	185-2095	1	O-Ring, Crankcase
160	185-5490	1	Cock Assembly, Drain
170	185-5412	1	Pump Assembly, Oil
180	185-5413	1	Gasket, Pump - Oil
190	185-5491	3	Bolt
200	185-5414	1	Gear, Drive - Oil Pump
210	185-5415	1	Key, Feather
220	185-5416	1	Nut, Flange
230	185-5492	1	Switch, Oil

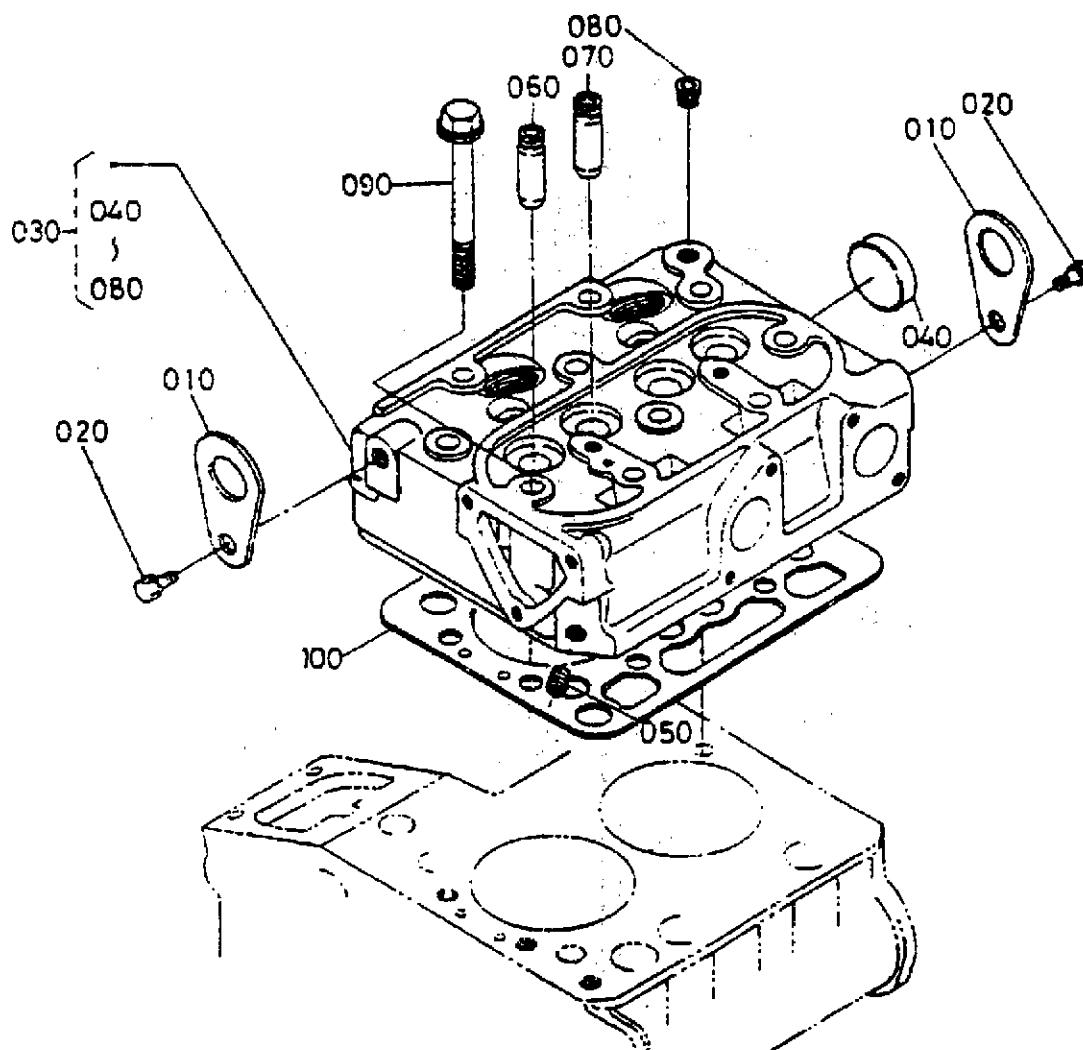
Oil Pan



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5734	1	Pan, Oil
020	185-5735	8	Bolt
030	185-5736	6	Bolt
040	185-2380	14	Washer, Spring
050	185-5737	1	Gasket, Pan - Oil

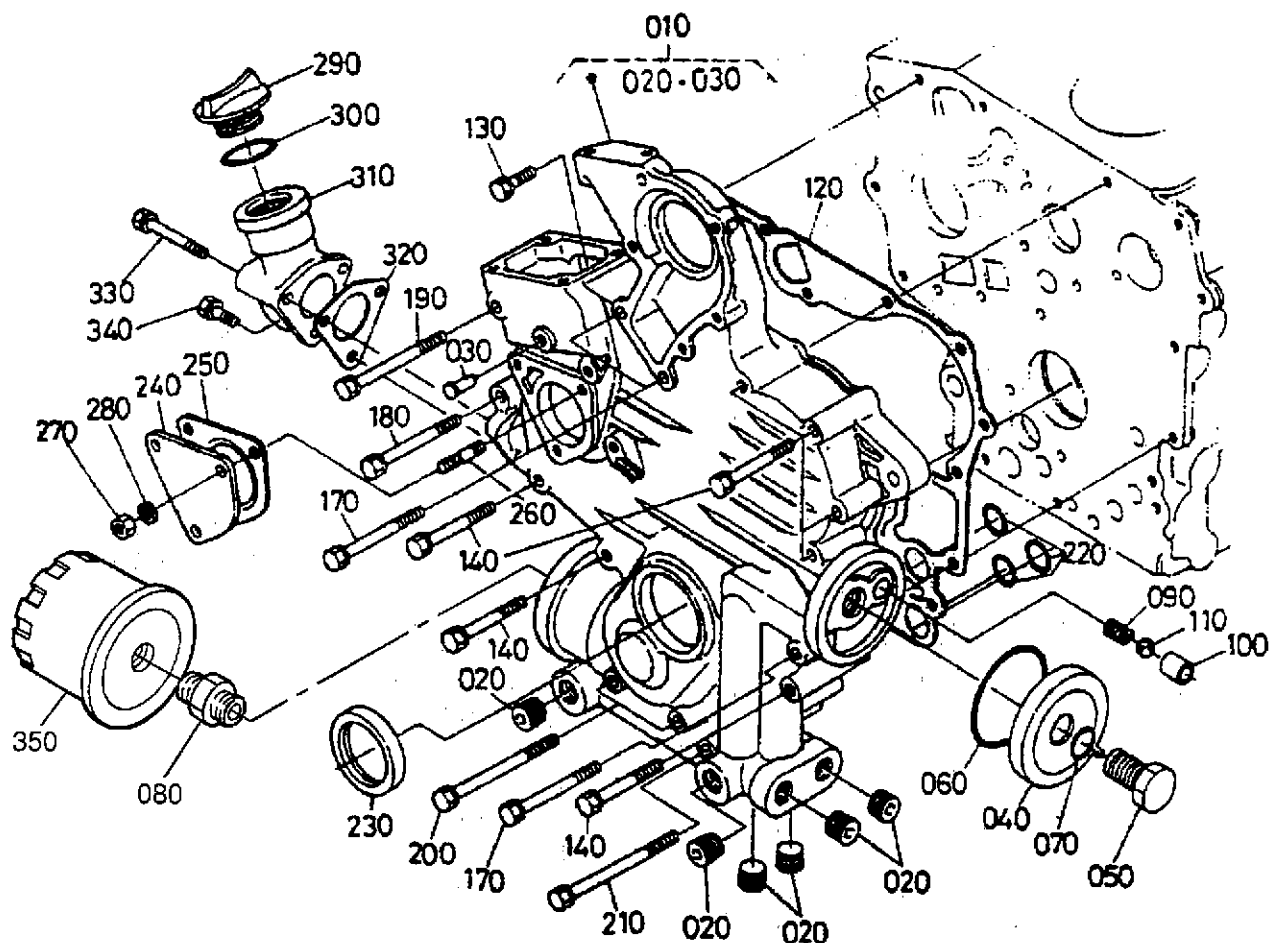
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
060	185-5738	1	Plug
070	185-5739	1	Gasket, Plug
080	185-5496	1	Tube, Pickup - Oil
090	185-3078	1	O-Ring, Pickup Tube - Oil
100	185-3009	1	Bolt

Cylinder Head



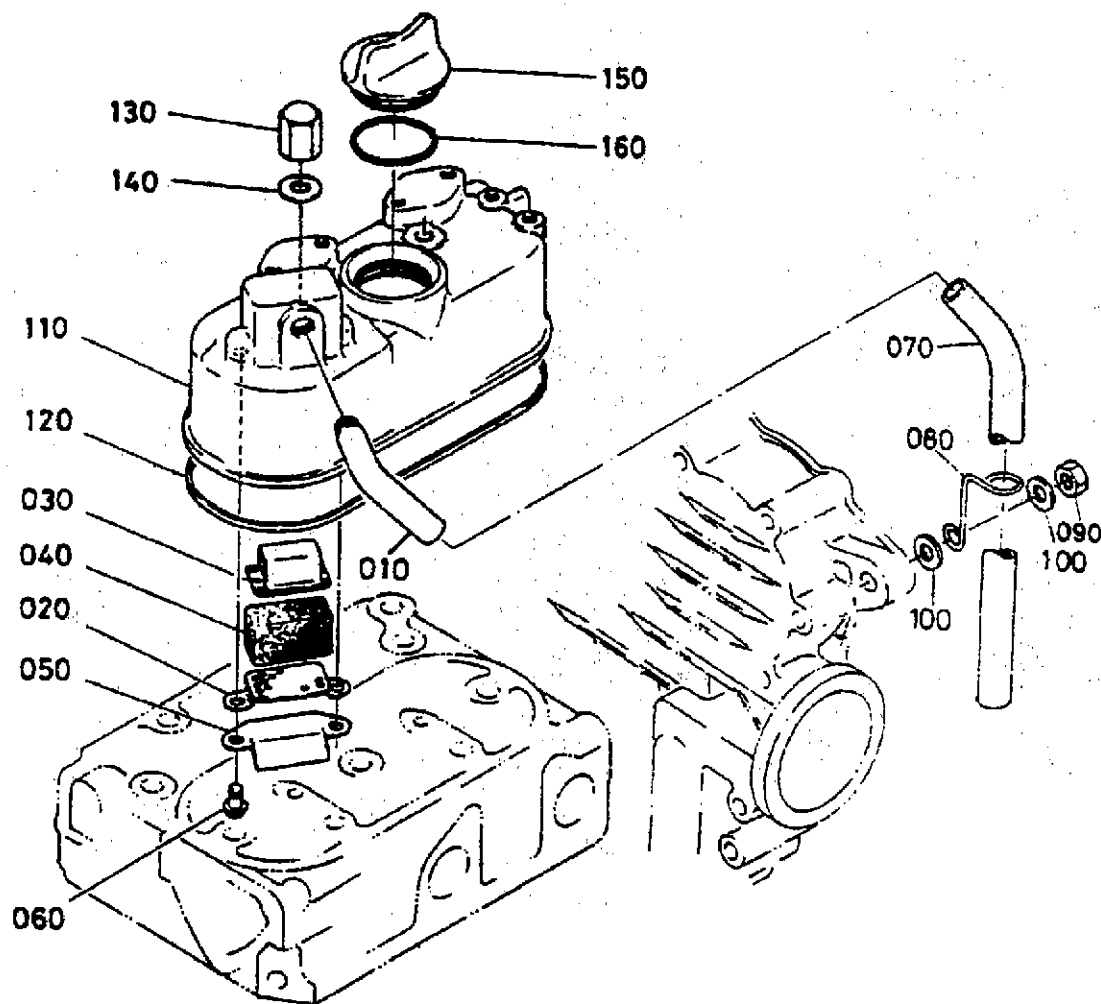
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5498	2	Hook, Engine	060	185-5500	2	Guide, Valve - Inlet
020	185-3009	2	Bolt	070	185-5501	2	Guide, Valve - Exhaust
030	185-5499	1	Head, Cylinder	080	185-5502	1	Plug
040	185-2411	1	Cap, Sealing	090	185-5503	10	Bolt, Head - Cylinder
050	185-2188	1	Plug	100	185-5339	1	Gasket, Head - Cylinder

Gearcase



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5740	1	Gearcase	200	185-5745	2	Bolt
020	185-5505	8	Plug	210	185-5746	1	Bolt
030	185-5506	1	Pin, Spring - Start	220	185-2374	3	O-Ring
040	185-5741	1	Cover	230	185-5410	1	Seal, Oil
050	185-5742	1	Bolt	240	185-5512	1	Cover
060	185-5743	1	O-Ring, Gearcase	250	185-5513	1	Gasket, Gearcase
070	185-5744	1	O-Ring	260	185-2105	3	Stud
080	185-2124	1	Joint, Pipe	270	185-4255	3	Nut
090	185-5509	1	Spring	280	185-2380	3	Washer, Spring
100	185-5510	1	Seat, Valve	290	185-5407	1	Plug, Filler - Oil
110	185-5511	1	Ball	300	185-2349	1	O-Ring
120	185-5411	1	Gasket, Gearcase	310	185-2296	1	Flange, Filler - Oil
130	185-2389	1	Bolt	320	185-2309	1	Gasket, Flange - Oil Filler
140	185-2394	7	Bolt	330	185-2394	2	Bolt
170	185-5507	3	Bolt	340	185-2389	1	Bolt
180	185-2395	1	Bolt	350	185-5471	1	Filter, Oil
190	185-2397	1	Bolt				

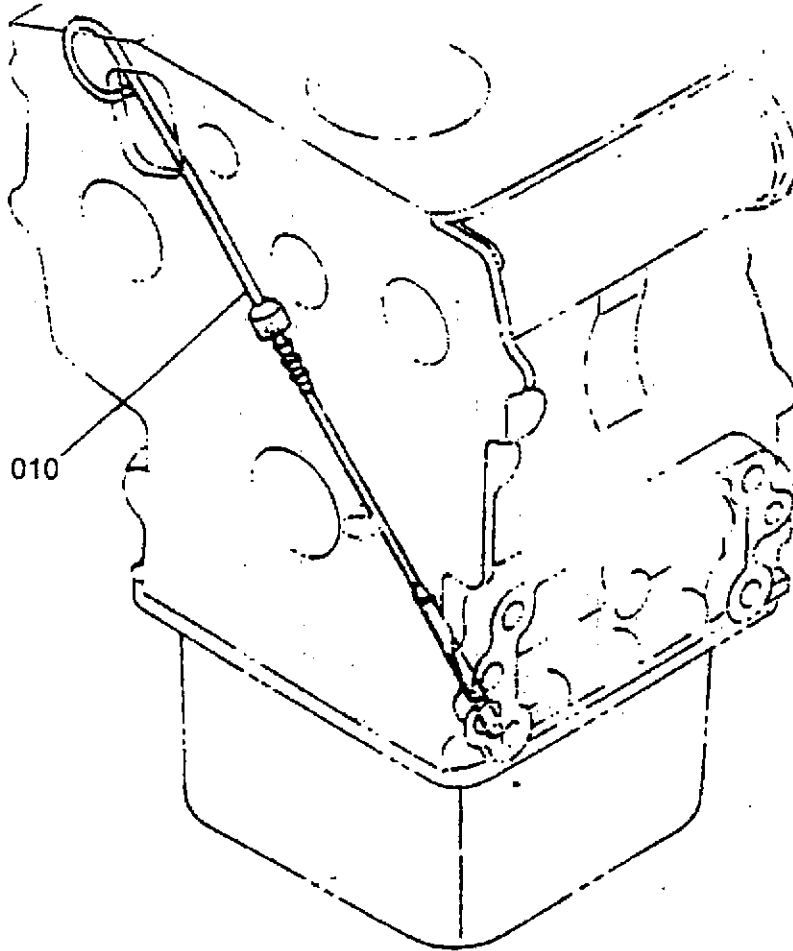
Head Cover



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5520	1	Joint, Pipe - Breather
020	185-5521	1	Plate, Element - Breather
030	185-5522	1	Plate, Element - Breather
040	185-5523	1	Element, Breather
050	185-5524	1	Shield, Oil - Breather
060	185-5747	2	Screw
070	185-5525	1	Pipe, Breather
080	185-5526	1	Clamp, Pipe

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
090	185-2366	1	Nut
100	185-2777	2	Washer, Plain
110	185-5527	1	Cover, Head - Cylinder
120	185-5528	1	Gasket, Cover - Head
130	185-5529	2	Nut, Cap
140	185-2284	2	Gasket
150	185-5407	1	Plug, Filler - Oil
160	185-2349	1	O-Ring, Cover - Head

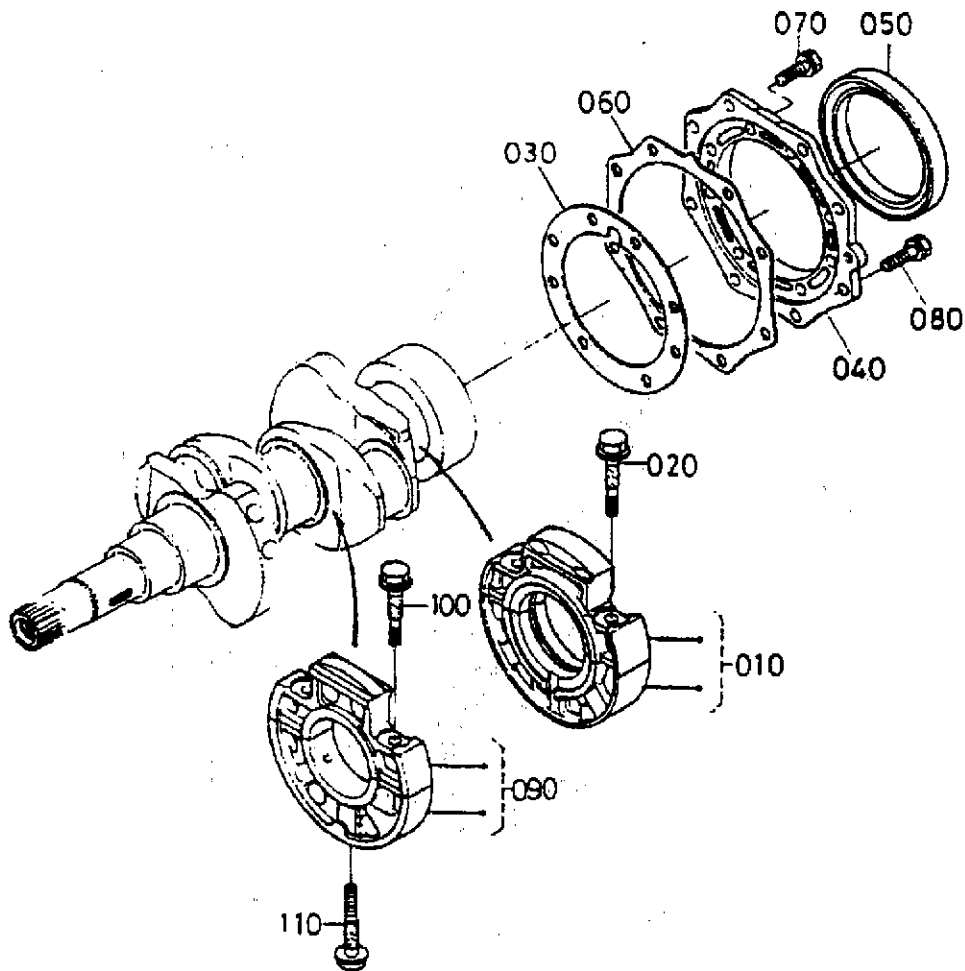
Dipstick and Guide



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5497	1	Gauge, Oil

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
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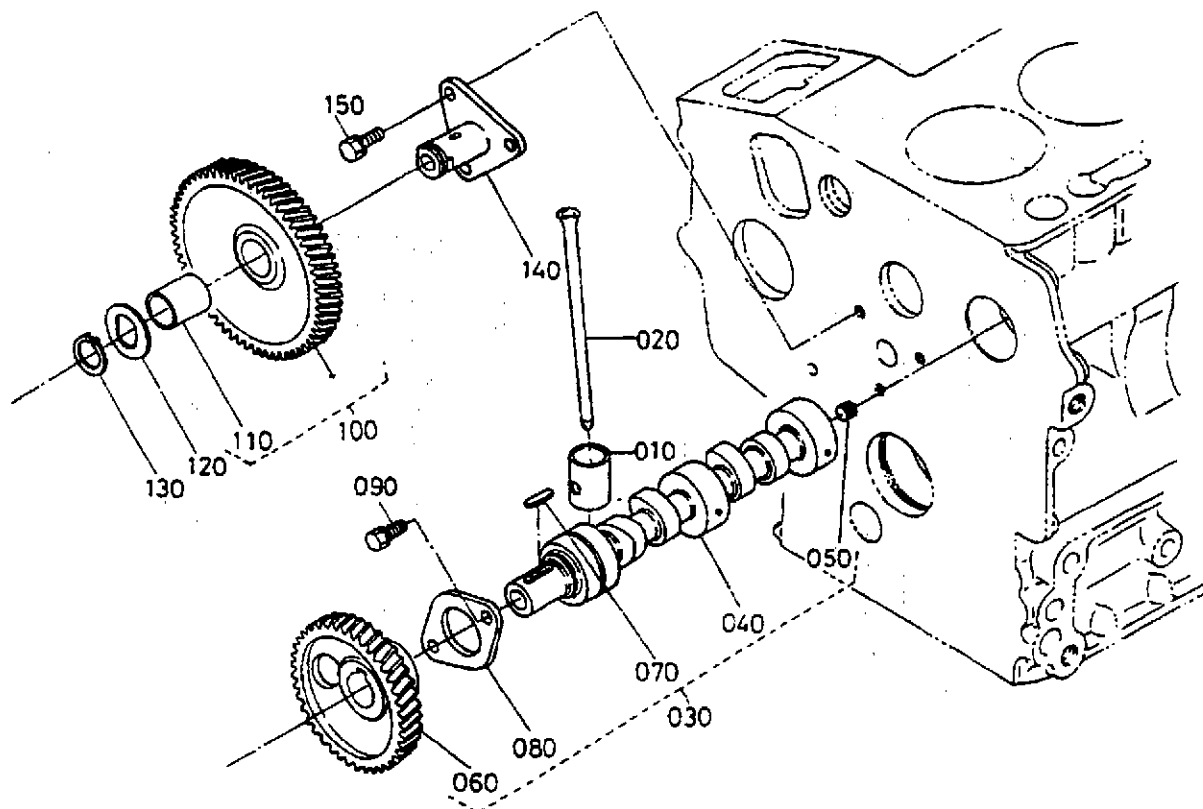
Main Bearing Case



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5514	1	Case Assembly, Bearing - Main
020	185-5515	2	Bolt, Case - Bearing
030	185-5438	1	Gasket, Case - Bearing
040	185-5516	1	Cover, Case - Bearing
050	185-5437	1	Seal, Oil
060	185-5439	1	Gasket, Cover - Bearing Case

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
070	185-2559	8	Bolt
080	185-2559	8	Bolt
090	185-5517	1	Case Assembly, Bearing - Main
100	185-5518	2	Bolt, Case - Bearing
110	185-5519	1	Bolt, Case - Bearing

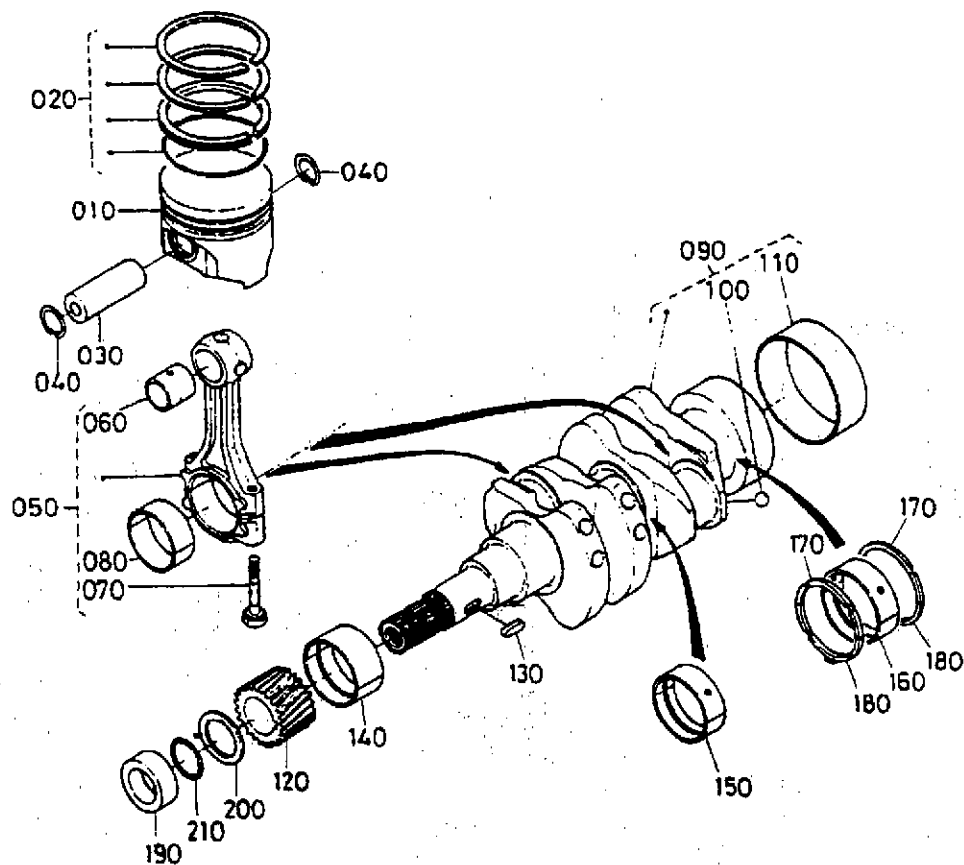
Camshaft



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5554	4	Tappet
020	185-5555	4	Rod, Push
030	185-5556	1	Camshaft Assembly
040	185-5557	1	Camshaft
050	185-5558	1	Screw, Set
060	185-5559	1	Gear, Camshaft
070	185-5560	1	Key, Feather
080	185-5561	1	Stopper, Camshaft

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
090	185-2386	2	Bolt
100	185-5562	1	Gear, Idle
110	185-5359	1	Bushing
120	185-5563	1	Collar, Gear - Idle
130	185-5564	1	Ring, Snap
140	185-5565	1	Shaft, Gear - Idle
150	185-2387	3	Bolt

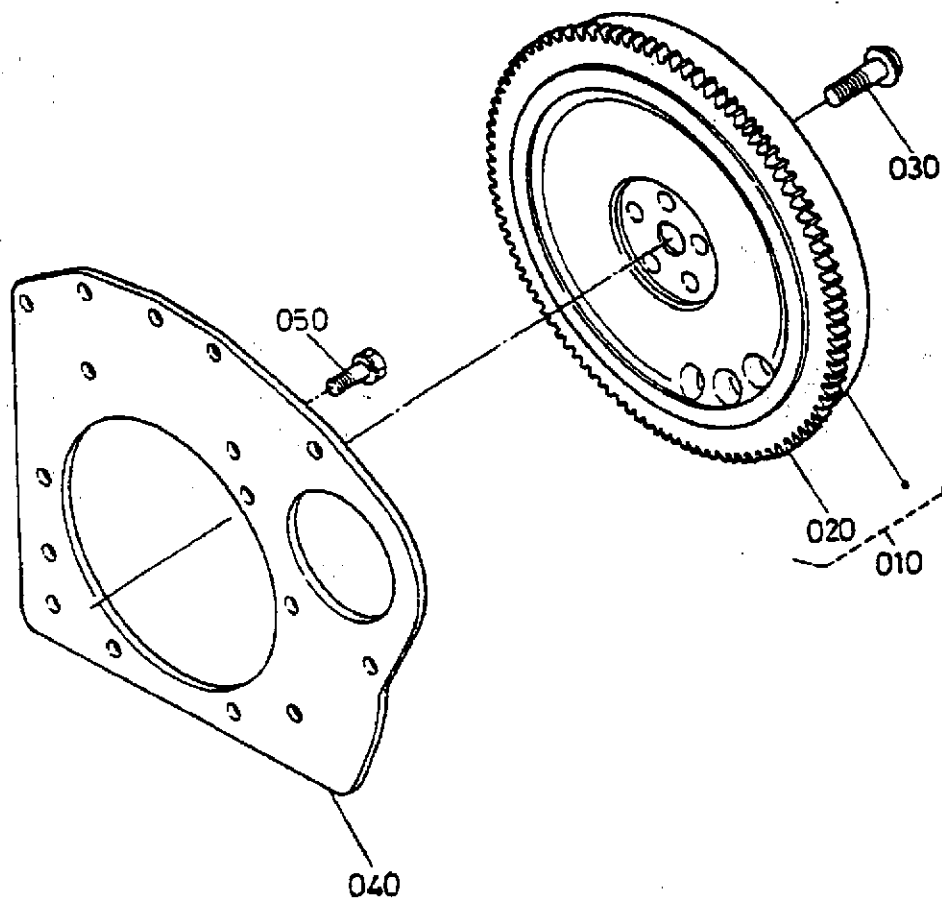
Piston and Crankshaft



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010			Piston
	185-5566	2	Standard
	185-5350	2	+0.25mm
020			Ring Assembly, Piston
	185-5567	2	Standard
	185-5351	2	+0.25mm
030	185-5568	2	Pin, Piston
040	185-2016	4	Clip, Circle - Piston Pin
050	185-5569	2	Rod Assembly, Connecting
060	185-5358	1	Bushing, Pin - Piston
070	185-5570	4	Bolt, Rod - Connecting
080			Bearing, Rod - Connecting
	185-5571	2	Standard
	185-5572	2	-0.2mm
	185-5573	2	-0.4mm
090	185-5574	1	Crankshaft
100	185-5575	2	Ball
110	185-2033	1	Sleeve, Crankshaft
120	185-5576	1	Gear, Crankshaft
130	185-2353	1	Key, Feather
140			Bearing, Crankshaft
	185-5577	1	Standard
	185-5578	1	-0.2mm
	185-5579	1	-0.4mm

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
150			Bearing, Crankshaft
	185-5580	1	Standard
	185-5356	1	-0.2mm
	185-5357	1	-0.4mm
160			Bearing, Crankshaft
	185-5581	1	Standard
	185-5360	1	-0.2mm
	185-5361	1	-0.4mm
170			Bearing, Side
	185-2022	2	Standard
	185-2028	2	+0.2mm
	185-2029	2	+0.4mm
180			Bearing, Side
	185-2023	2	Standard
	185-2030	2	+0.2mm
	185-2031	2	+0.4mm
190	185-5582	1	Collar, Crankshaft
200	185-5583	1	Slinger, Oil
210	185-5584	1	O-Ring, Crankshaft

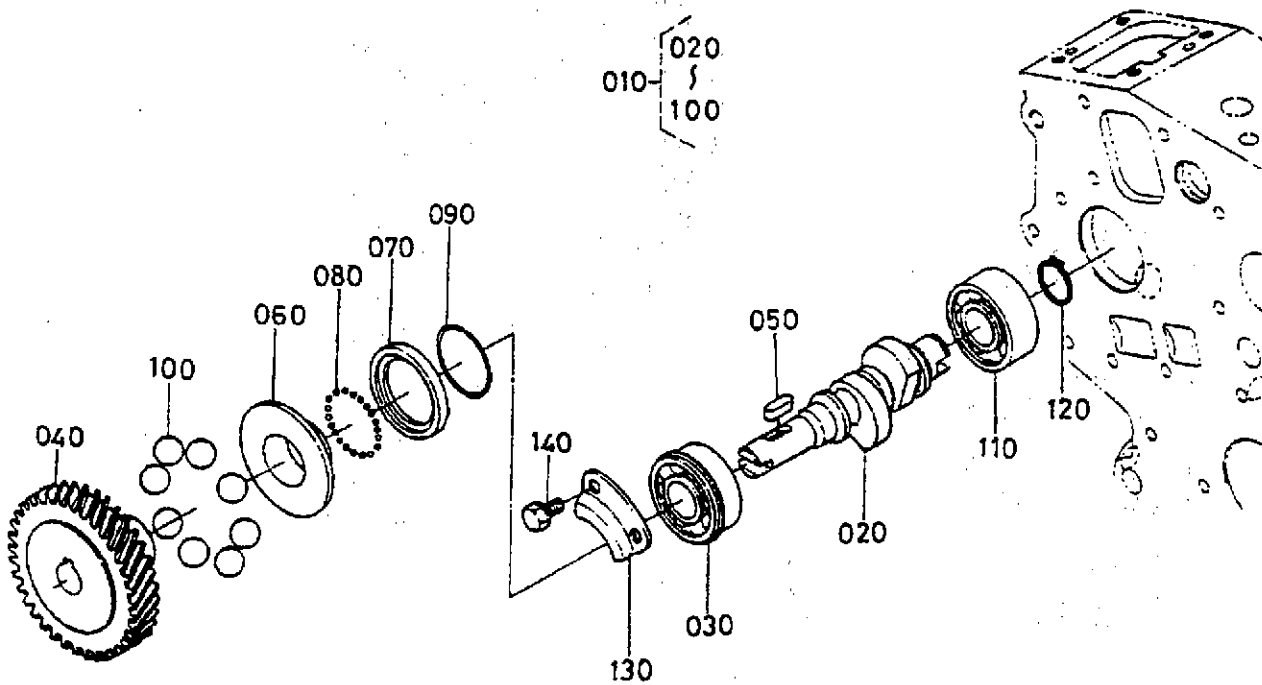
Flywheel



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5585	1	Flywheel
020	185-5586	1	Gear, Ring
030	185-5587	5	Bolt, Flywheel

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
040	185-5748	1	Plate, End - Rear
050	185-2399	10	Bolt

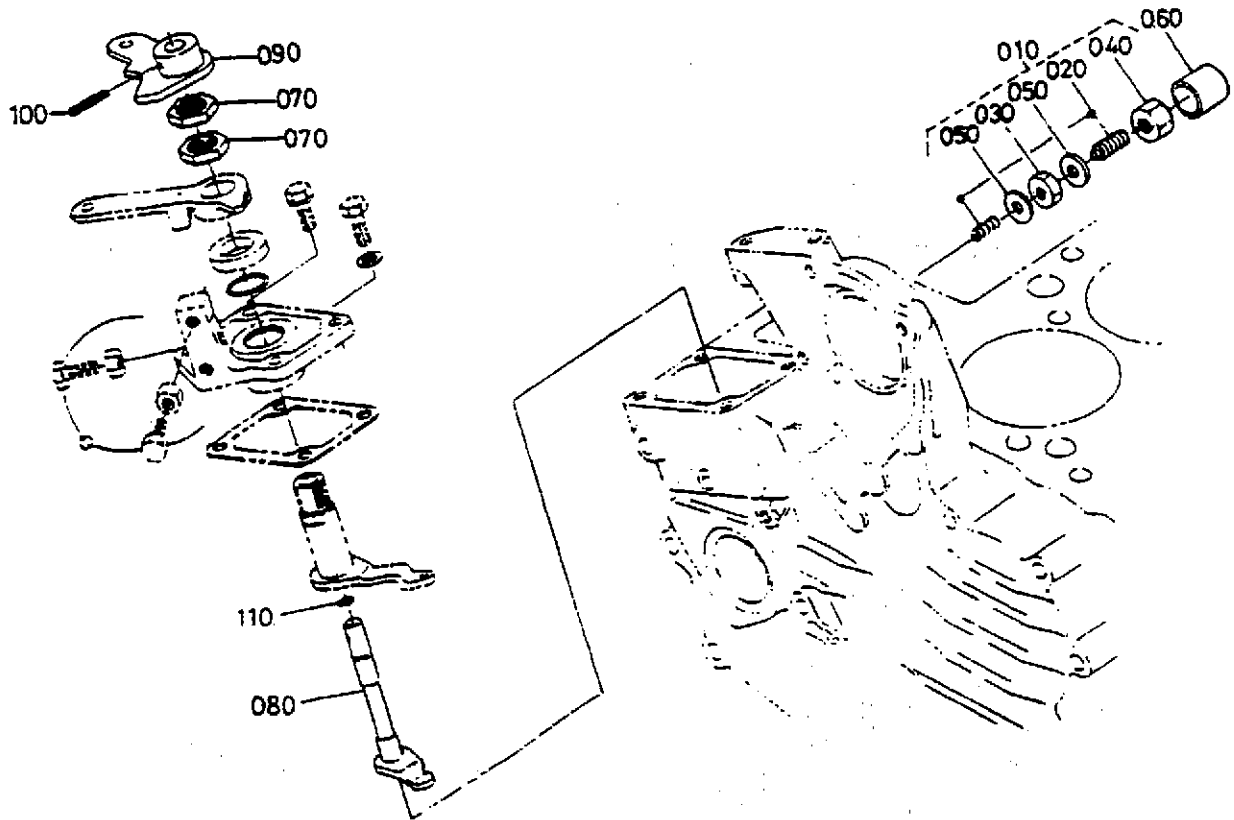
Fuel Camshaft



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5627	1	Camshaft Assembly, Fuel
020	185-5628	1	Camshaft, Fuel
030	185-5629	1	Bearing, Ball
040	185-5630	1	Gear, Pump - Injection
050	185-2353	1	Key, Feather
060	185-5631	1	Sleeve, Governor
070	185-5632	1	Case, Ball - Governor

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
080	185-2357	32	Ball
090	185-2163	1	Clip, Circle - Governor Sleeve
100	185-5633	8	Ball
110	185-2583	1	Bearing, Ball
120	185-5634	1	Clip, Circle - External
130	185-5635	1	Stopper, Camshaft - Fuel
140	185-2386	2	Bolt

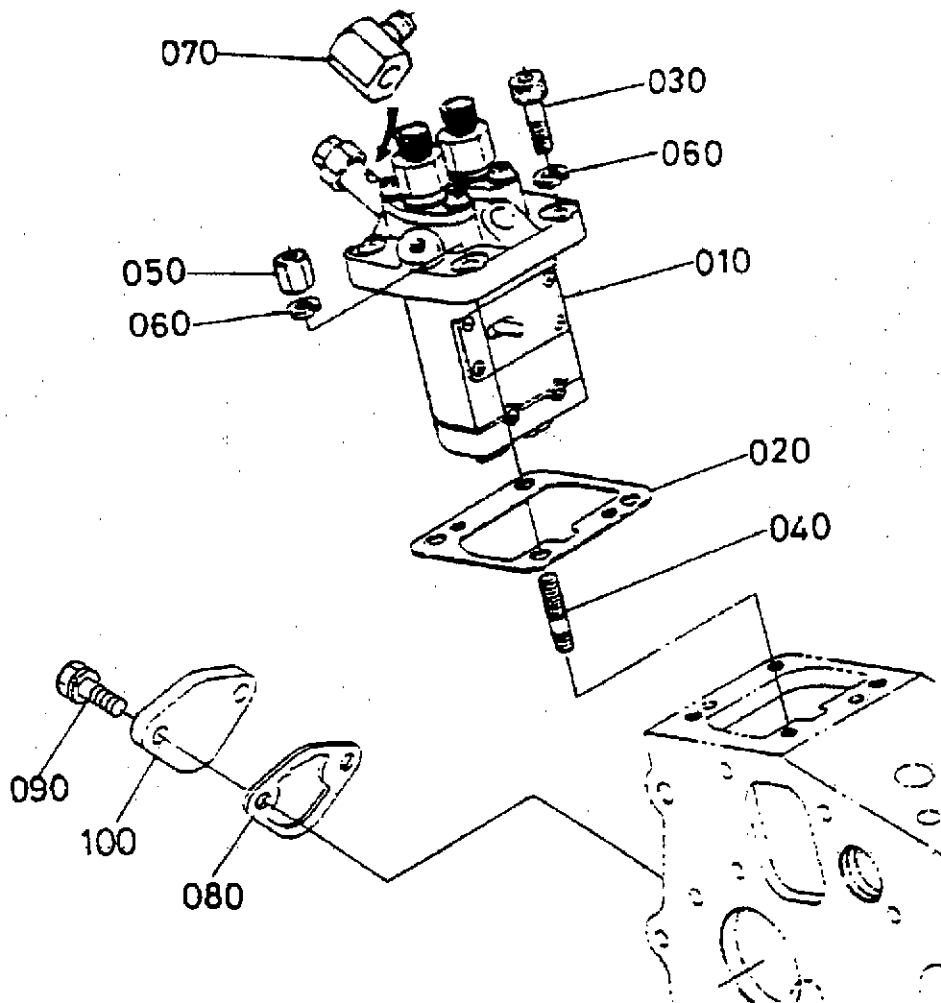
Engine Stop Lever



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5679	1	Apparatus Assembly, Idle
020	185-5680	1	Bolt Assembly, Adjusting
030	185-2180	1	Nut
040	185-5681	1	Nut, Cap
050	185-2338	2	Gasket
060	185-5682	1	Cap

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
070	185-5693	2	Nut
080	185-5749	1	Shaft, Lever
090	185-5750	1	Lever, Stop - Engine
100	185-5696	1	Pin, Spring
110	185-2347	1	O-Ring, Lever - Stop

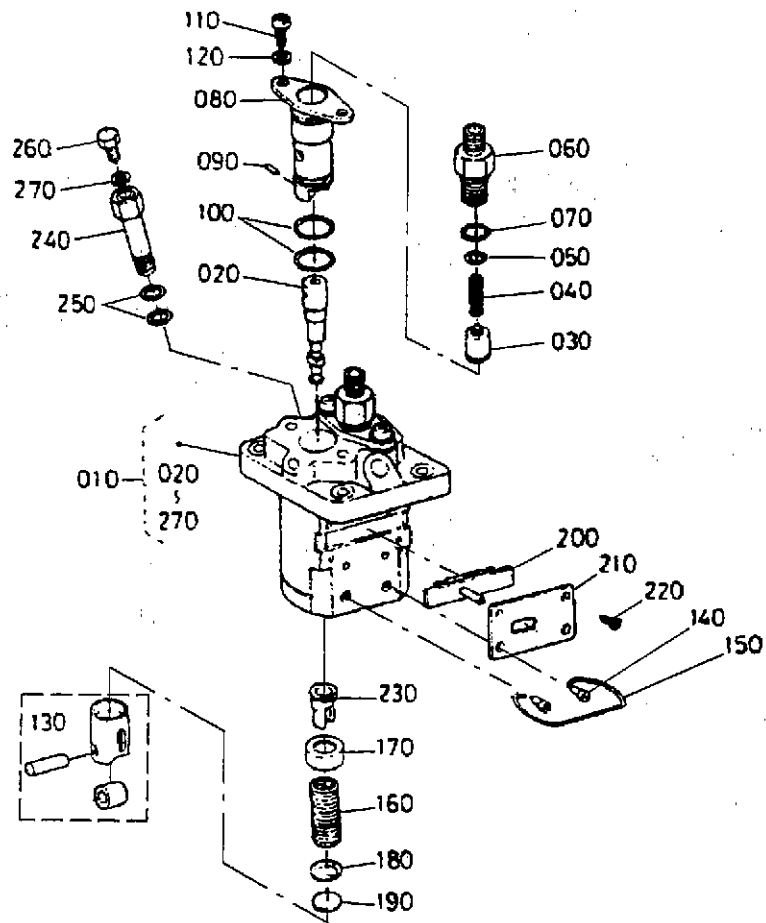
Injection Pump



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5751	1	Injection Pump Assembly
020	185-5423	1	Shim, Pump - Injection
020	185-5424	2	Shim, Pump - Injection
030	185-5623	3	Bolt, Socket Head - Hex
040	185-5624	1	Stud
050	185-5625	1	Nut, Cap

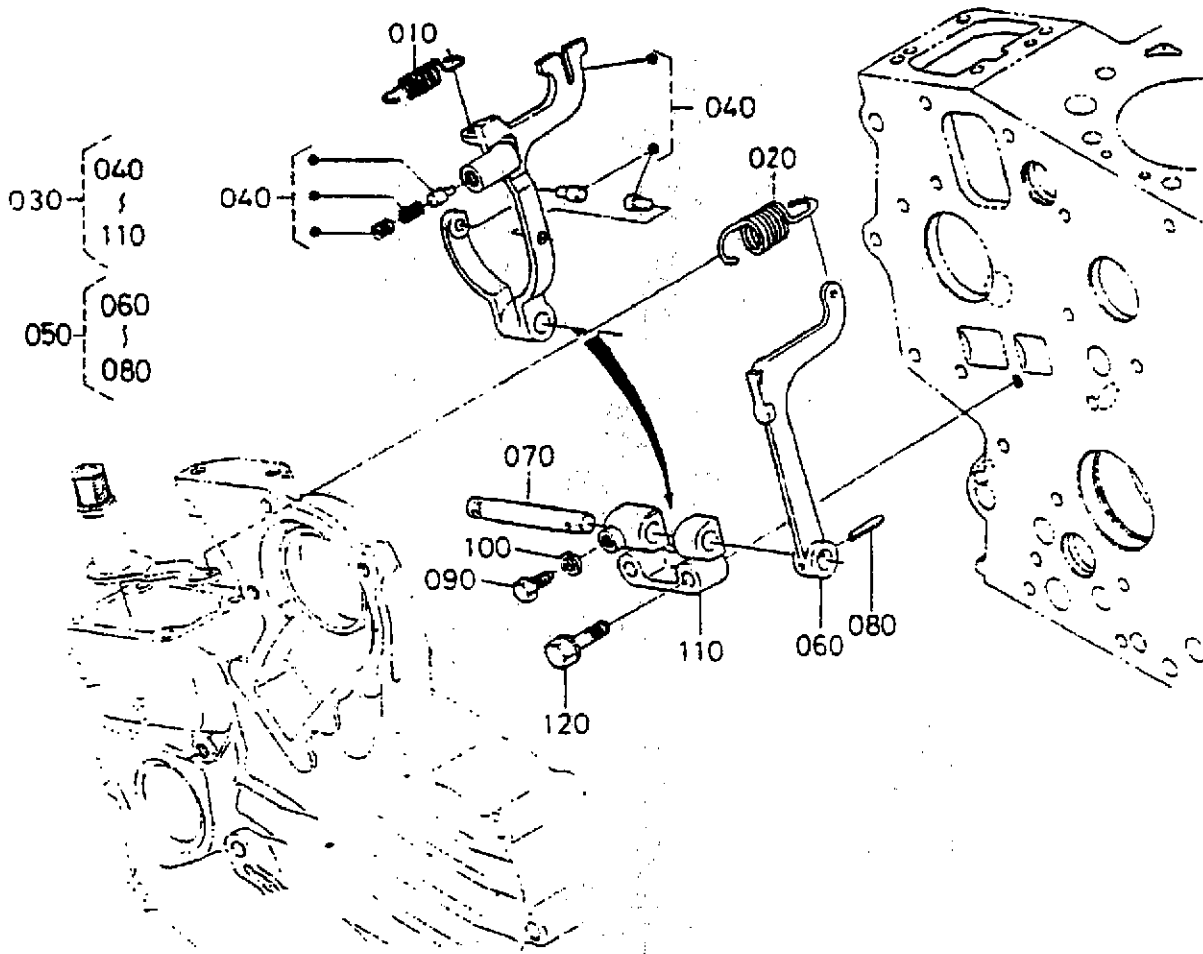
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
060	185-2380	4	Washer, Spring
070	185-5626	1	Joint, Eye
080	185-5752	1	Gasket, Pump - Fuel
090	185-2386	2	Bolt
100	185-5798	1	Cover

Injection Pump Components



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5751	1	Injection Pump Assembly	150	185-5651	1	Pin, Clamp
020	185-5753	2	Element, Pump	160	185-5652	2	Spring, Plunger
030	185-5639	2	Valve, Delivery	170	185-5653	2	Seat, Upper - Spring
040	185-5640	2	Spring, Valve - Delivery	180	185-5654	2	Seat, Lower - Spring
050	185-5641	2	Gasket, Valve - Delivery	190	185-5655	1	Shim
060	185-5642	2	Holder, Valve - Delivery	200	185-5656	1	Rack, Control
070	185-5643	2	O-Ring, Pump - Injection	210	185-5657	1	Plate
080	185-5644	2	Flange, Sleeve	220	185-5658	4	Screw, Countersunk
090	185-5645	2	Pin, Joint	230	185-5659	2	Sleeve, Control
100	185-5646	4	O-Ring	240	185-5660	1	Screw, Follow
110	185-5647	4	Screw	250	185-5661	2	Gasket
120	185-5648	4	Washer	260	185-5662	1	Screw
130	185-5649	2	Tappet Assembly	270	185-5663	1	Gasket
140	185-5650	2	Pin, Guide - Tappet				

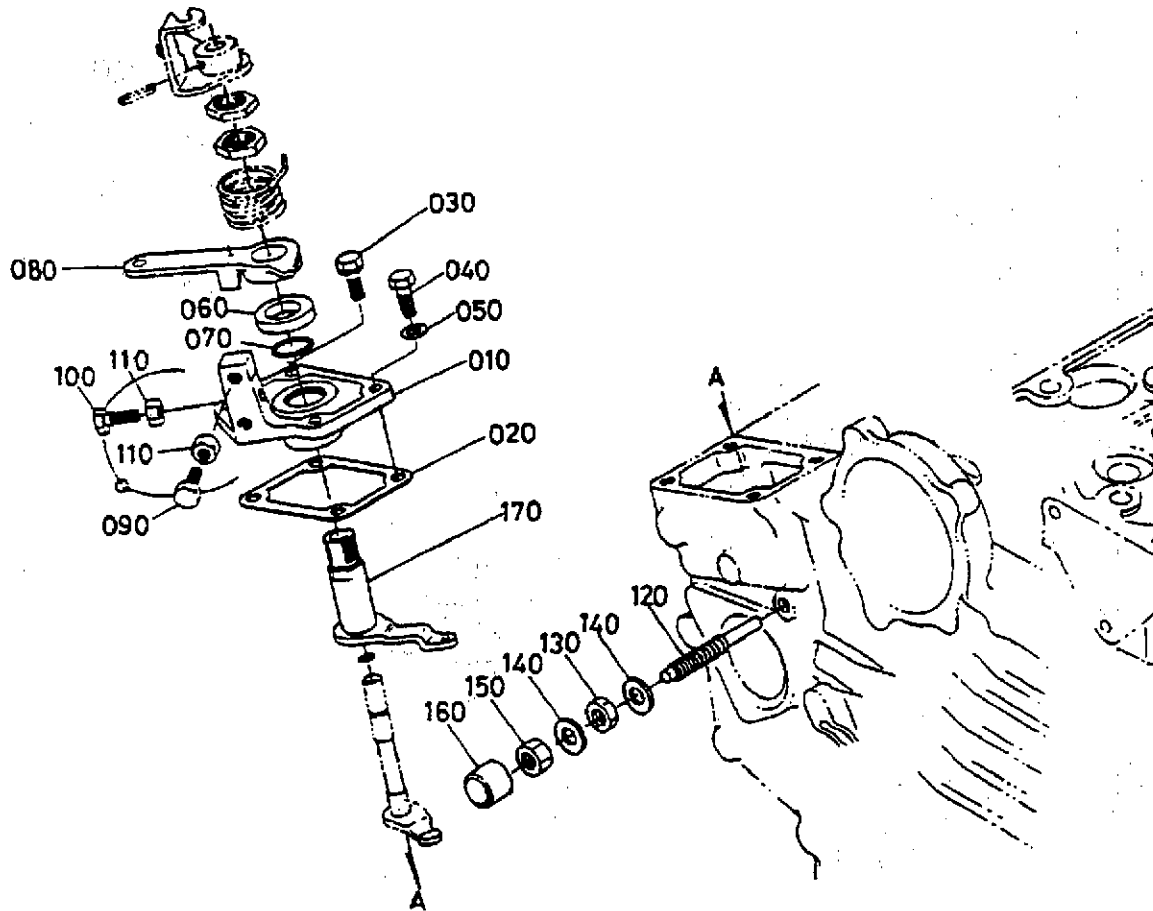
Governor



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5698	1	Spring, Start
020	185-5754	1	Spring, Governor
030	185-5755	1	Lever Assembly, Fuel
040	185-5756	1	Level, Fork
050	185-5701	1	Level Assembly, Fork
060	185-5702	1	Level, Fork

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
070	185-5703	1	Shaft, Level - Fork
080	185-5696	1	Pin, Spring
090	185-2173	1	Bolt
100	185-2379	1	Washer, Spring
110	185-5757	1	Holder, Lever - Fork
120	185-2396	2	Bolt

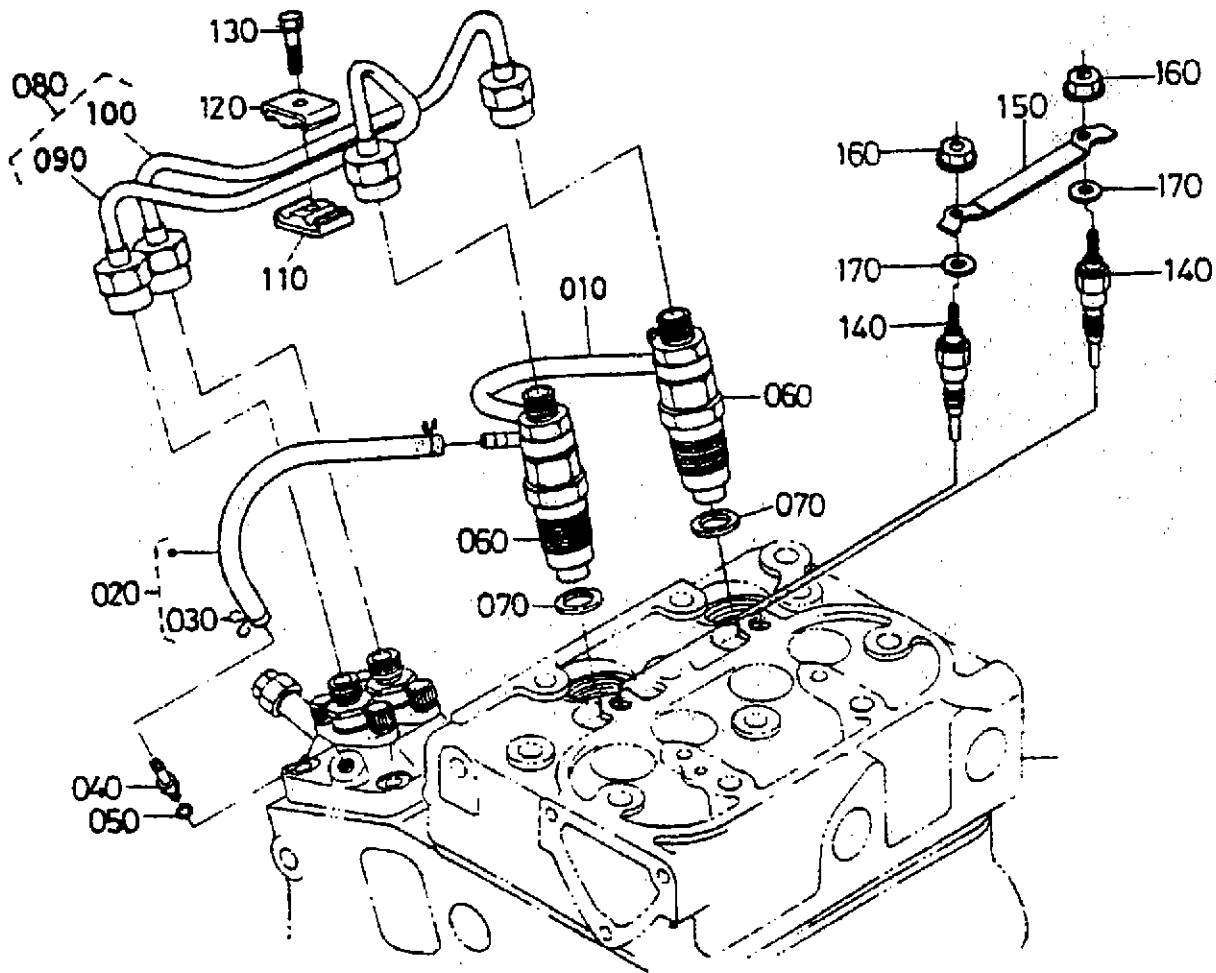
Speed Control Plate



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5687	1	Plate, Control - Speed
020	185-5342	1	Gasket, Control Plate - Speed
030	185-2389	2	Bolt
040	185-5688	2	Bolt
050	185-2284	2	Gasket
060	185-5690	1	Collar
070	185-5691	1	O-Ring, Control Plate - Speed
080	185-5692	1	Lever, Control - Speed
090	185-2342	1	Stopper

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
100	185-2439	2	Bolt
110	185-4255	3	Nut
120	185-5683	1	Bolt, Adjusting
130	185-5684	1	Nut
140	185-2284	2	Gasket
150	185-5685	1	Nut, Cap
160	185-5686	1	Cap
170	185-5689	1	Lever, Governor

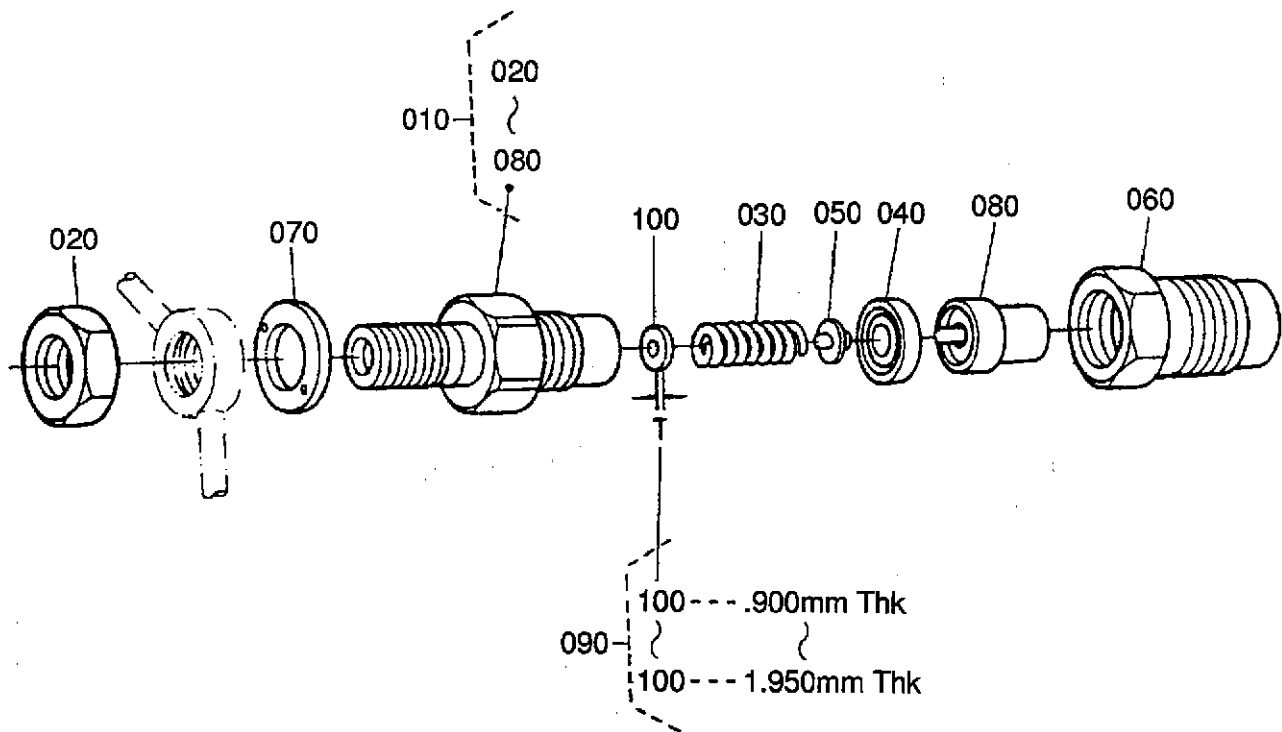
Nozzle Holder and Glow Plug



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5606	1	Pipe Assembly, Overflow
020	185-5607	1	Pipe Assembly, Overflow
030	185-5608	2	Clip, Pipe
040	185-5609	1	Screw, Bleeder - Air
050	185-2284	1	Gasket
060	185-5417	2	Holder Assembly, Nozzle
070	185-5418	2	Gasket, Holder - Nozzle
080	185-5419	1	Pipe Assembly, Injection
090	185-5610	1	Pipe, Injection

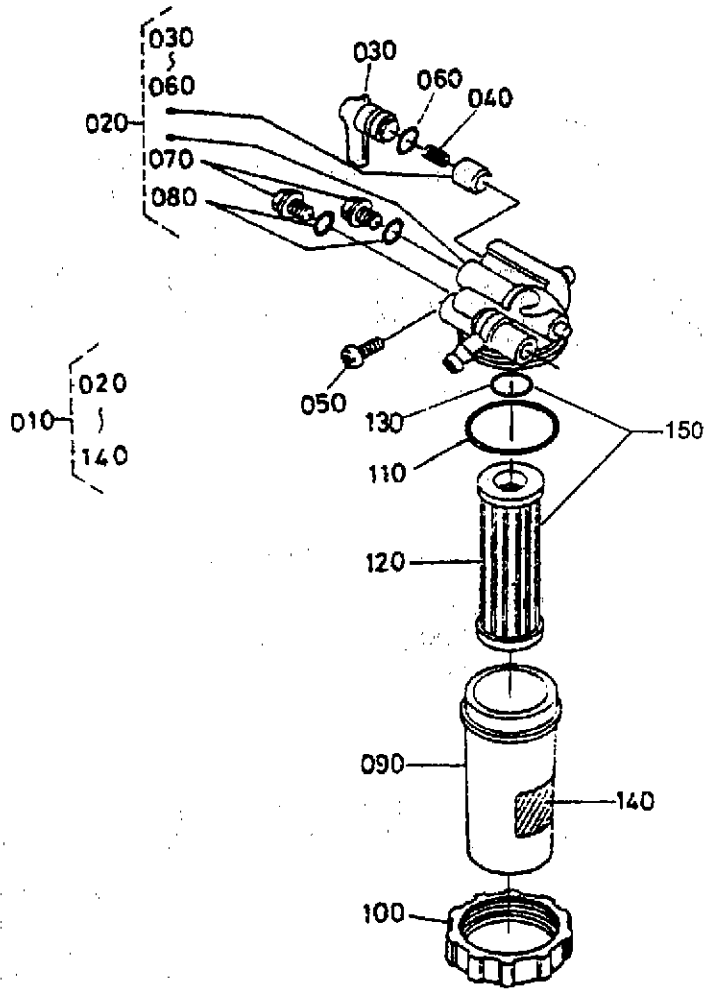
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
100	185-5611	1	Pipe, Injection
110	185-5612	1	Clamp, Pipe
120	185-5613	1	Clamp, Pipe
130	185-2385	1	Screw, with Washer
140	185-5421	2	Plug, Glow
150	185-5614	1	Cord, Plug - Glow
160	185-5615	2	Nut, Flange
170	185-3066	2	Washer, Plain

Nozzle Holder Components



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5417	2	Nozzle Holder Assembly	100			Washer, Adjusting
020	185-5616	2	Nut	185-5381	1	1.325mm Thk	
030	185-5617	2	Spring, Nozzle	185-5382	1	1.350mm Thk	
040	185-5618	2	Piece, Distance	185-5383	1	1.375mm Thk	
050	185-5619	2	Rod, Push	185-5384	1	1.400mm Thk	
060	185-5620	2	Nut, Nozzle	185-5385	1	1.425mm Thk	
070	185-5621	2	Washer	185-5386	1	1.450mm Thk	
080	185-5622	2	Piece, Nozzle	185-5387	1	1.475mm Thk	
090	185-5363	1	Washer Assembly	185-5388	1	1.500mm Thk	
100			Washer, Adjusting	185-5389	1	1.525mm Thk	
	185-5364	1	.900mm Thk	185-5390	1	1.550mm Thk	
	185-5365	1	.925mm Thk	185-5391	1	1.575mm Thk	
	185-5366	1	.950mm Thk	185-5392	1	1.600mm Thk	
	185-5367	1	.975mm Thk	185-5393	1	1.625mm Thk	
	185-5368	1	1.000mm Thk	185-5394	1	1.650mm Thk	
	185-5369	1	1.025mm Thk	185-5395	1	1.675mm Thk	
	185-5370	1	1.050mm Thk	185-5396	1	1.700mm Thk	
	185-5371	1	1.075mm Thk	185-5397	1	1.725mm Thk	
	185-5372	1	1.100mm Thk	185-5398	1	1.750mm Thk	
	185-5373	1	1.125mm Thk	185-5399	1	1.775mm Thk	
	185-5374	1	1.150mm Thk	185-5400	1	1.800mm Thk	
	185-5375	1	1.175mm Thk	185-5401	1	1.825mm Thk	
	185-5376	1	1.200mm Thk	185-5402	1	1.850mm Thk	
	185-5377	1	1.225mm Thk	185-5403	1	1.875mm Thk	
	185-5378	1	1.250mm Thk	185-5404	1	1.900mm Thk	
	185-5379	1	1.275mm Thk	185-5405	1	1.925mm Thk	
	185-5380	1	1.300mm Thk	185-5406	1	1.950mm Thk	

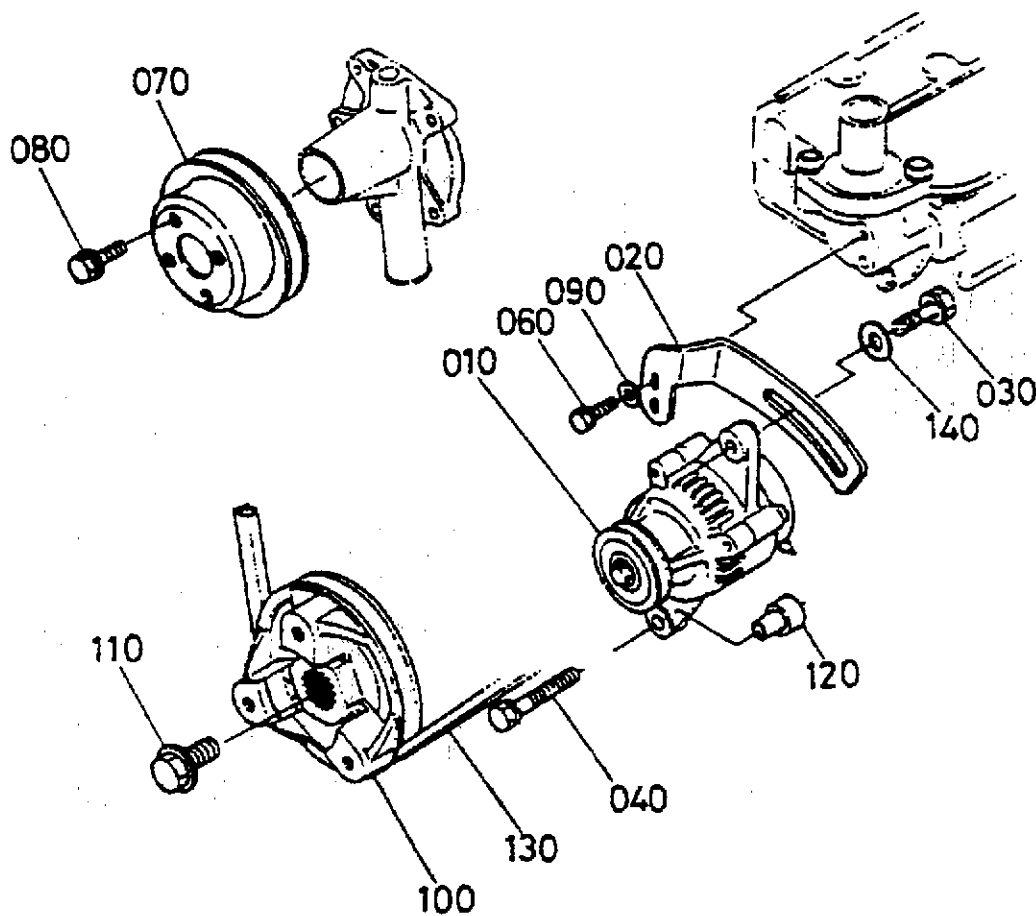
Fuel Filter



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	149-2326	1	Filter Assembly, Fuel
020	185-5758	1	Body, Cock
030	185-5665	1	Lever, Cock
040	185-5666	1	Spring, Valve
050	185-5667	1	Screw
060	185-5668	1	O-Ring, Lever
070	185-5759	2	Screw, Breather - Air
080	185-5760	2	O-Ring, Filter - Fuel

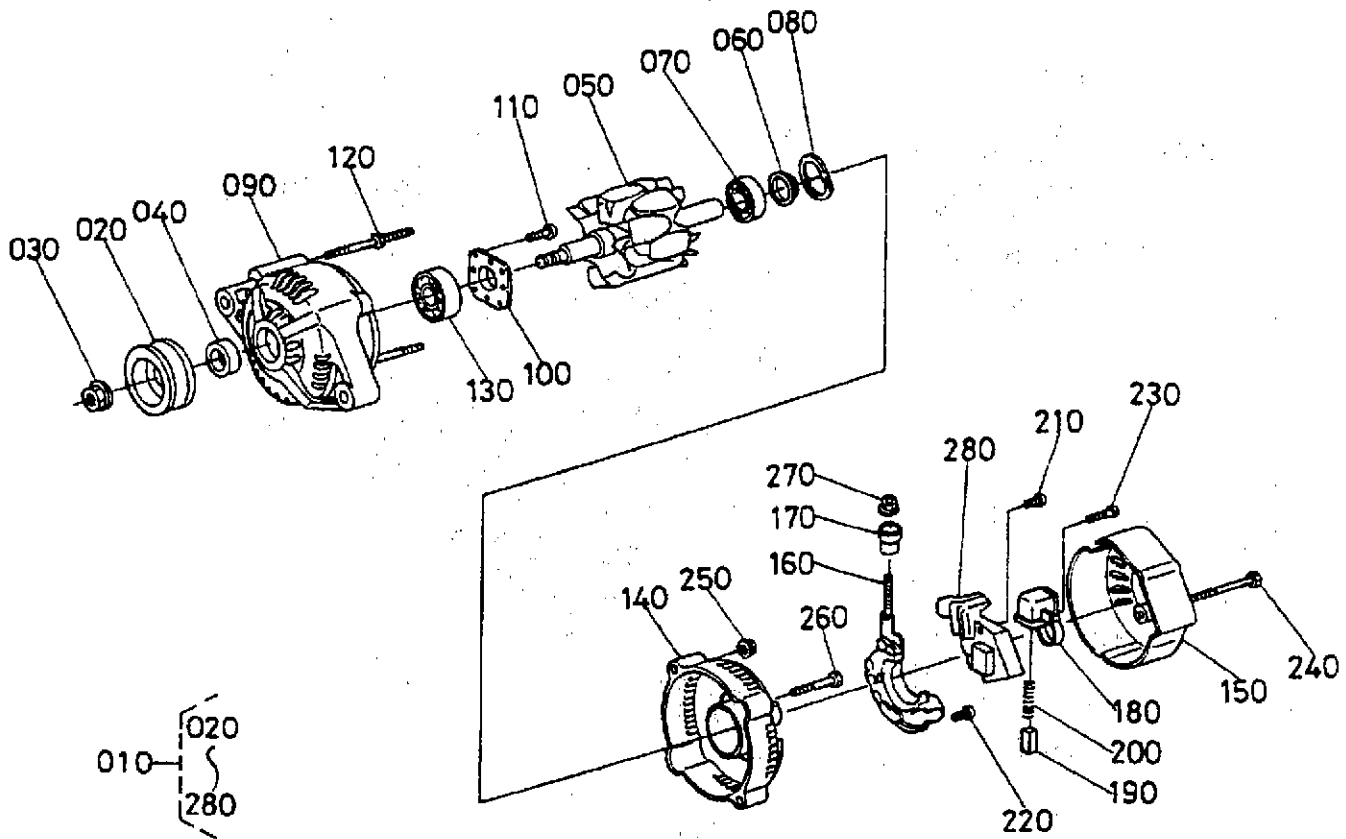
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
090	185-5761	1	Cup, Filter
100	185-5670	1	Ring, Retaining
110	185-5671	1	O-Ring
120	185-5672	1	Element Assembly, Filter - Fuel
130	185-5673	1	O-Ring,
140	185-5762	1	Label, Filter - Fuel
150	149-2404	1	Filter, Fuel (with O-Ring)

Alternator and Pulley



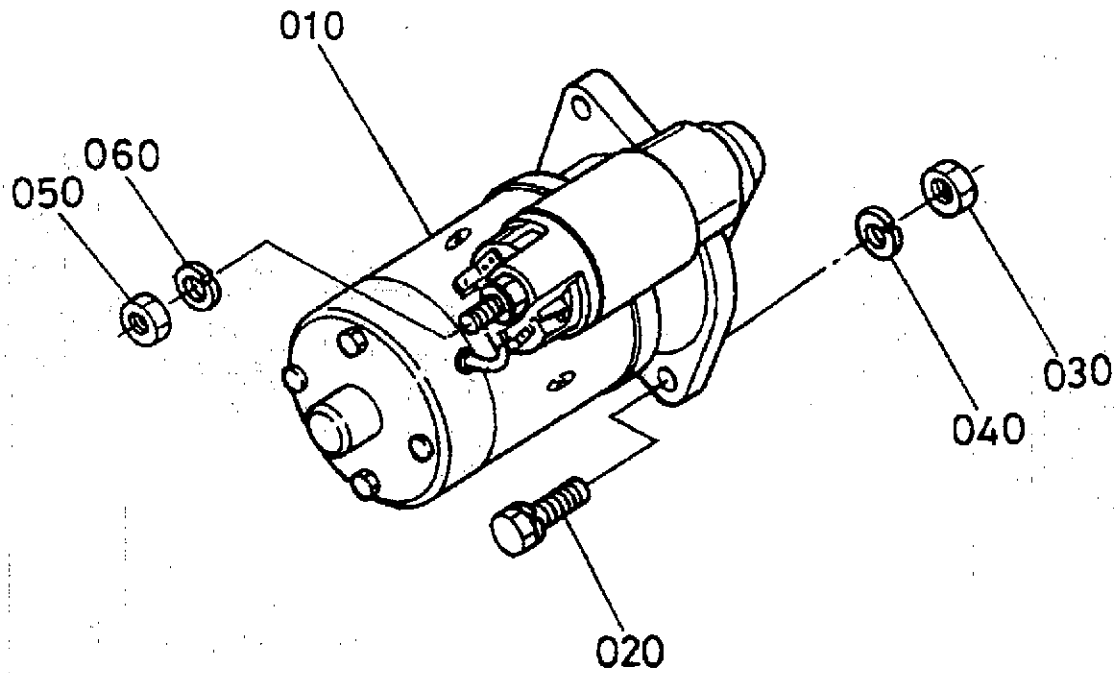
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5441	1	Alternator Assembly (12 Volt, 35 Amp)	080	185-2572	4	Bolt, Flange
020	185-5763	1	Bracket, Adjusting - Alternator	090	185-2777	2	Washer, Plain
030	185-2403	1	Bolt	100	185-5708	1	Pulley, Drive - Fan
040	185-5764	1	Bolt	110	185-5709	1	Bolt
060	185-2388	2	Bolt	120	185-5765	1	Collar
070	185-5707	1	Pulley, Fan	130	511-0183	1	Belt, Alternator (35 Amp) (Std)
				140	185-2378	1	Washer, Plain

Alternator Components



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5441	1	Alternator Assembly (12 Volt, 35 Amp)	150	185-5779	1	Cover, End - Alternator
020	185-5767	1	Pulley, Alternator	160	185-5780	1	Rectifier Assembly
030	185-5768	1	Nut	170	185-5781	1	Bushing, Insulation
040	185-5769	1	Collar, Alternator	180	185-5782	1	Holder, Brush
050	185-5770	1	Rotor, Alternator	190	185-5783	2	Brush
060	185-5771	1	Cover, Bearing	200	185-5784	2	Spring, Brush
070	185-5772	1	Bearing, Ball	210	185-5785	2	Screw, Head - Round
080	185-5771	1	Cover, Bearing	220	185-5786	6	Screw, Head - Round
090	185-5773	1	Frame, End - Drive	230	185-5787	1	Screw, Head - Round
100	185-5774	1	Plate, Retainer	240	185-5788	3	Bolt
110	185-5775	4	Screw, Head - Round	250	185-5789	2	Nut
120	185-5776	2	Bolt, Through	260	185-5790	2	Bolt
130	185-5777	1	Bearing, Ball	270	185-2961	1	Nut
140	185-5778	1	Frame, End	280	185-5791	1	Regulator Assembly

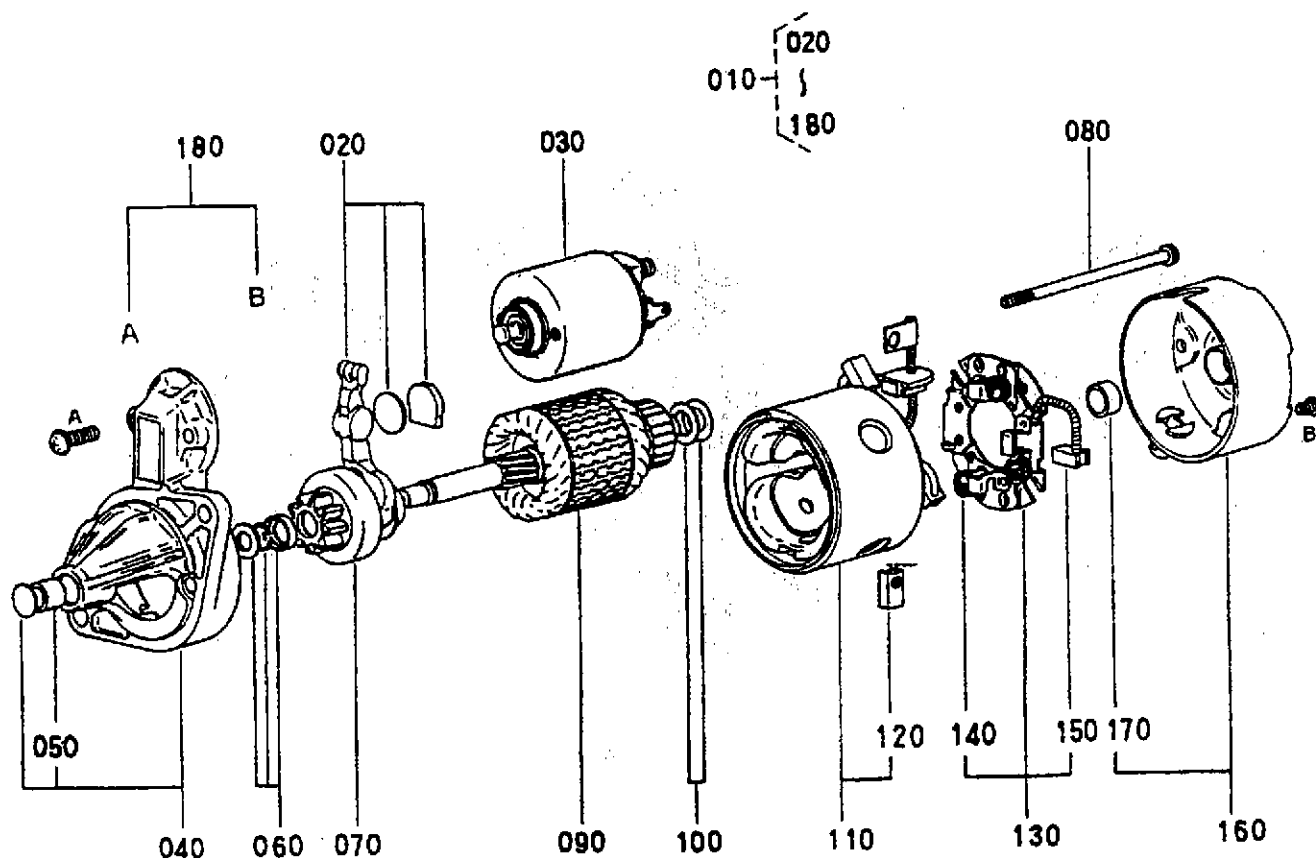
Starter



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5429	1	Starter Assembly
020	185-2406	2	Bolt
030	185-2367	2	Nut

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
040	185-2381	2	Washer, Spring
050	185-2366	1	Nut
060	185-2381	1	Washer, Spring

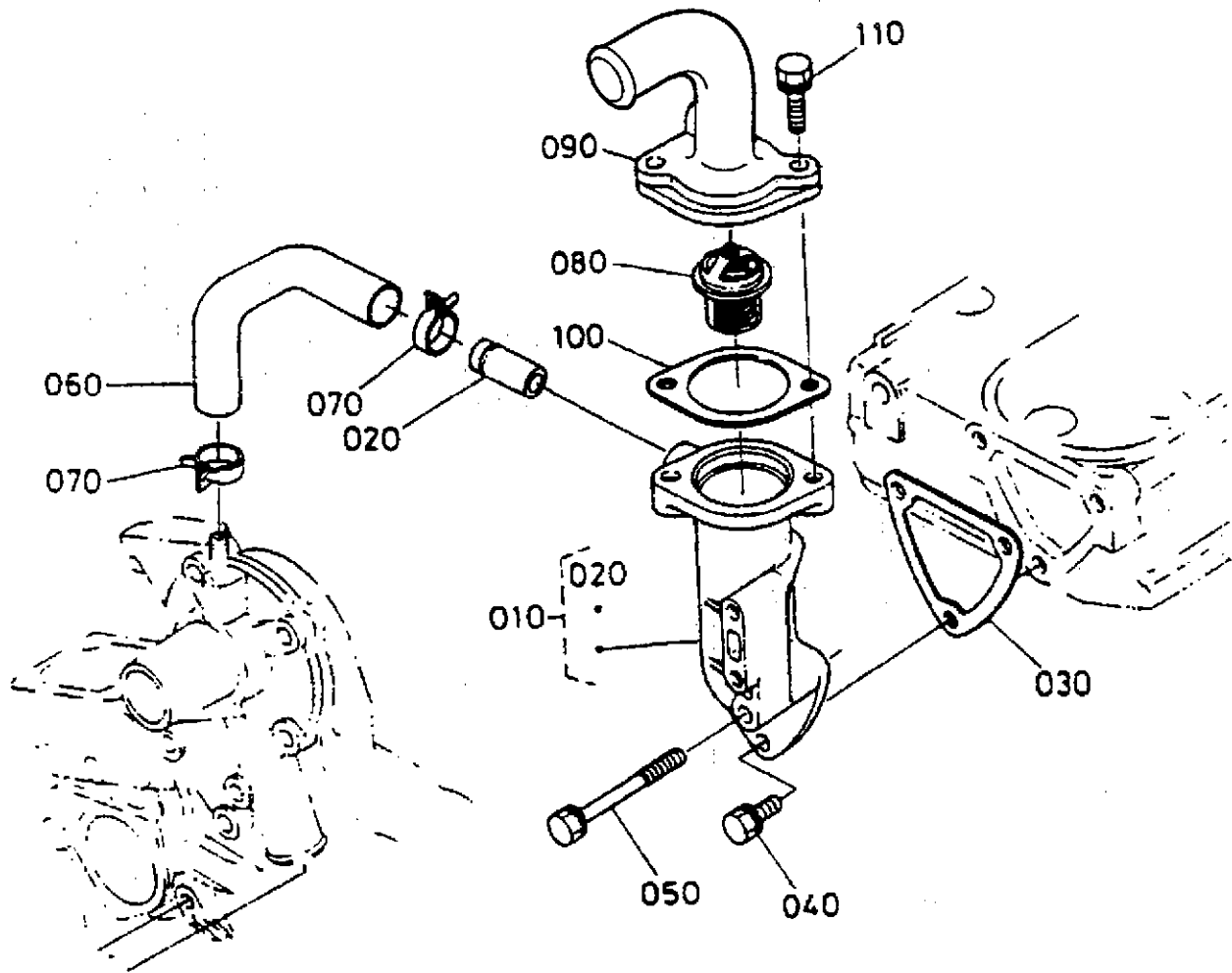
Starter Components



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5429	1	Starter Assembly
020	185-5589	1	Lever, Drive
030	185-5590	1	Switch, Magnetic
040	185-5591	1	Frame, End - Drive
050	185-5592	1	Bushing
060	185-5593	1	Stopper
070	185-5594	1	Clutch, Running - Over
080	185-5595	2	Bolt
090	185-5596	1	Armature, Starter

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
100	185-5597	1	Washer, Adjusting
110	185-5598	1	Yoke
120	185-5599	2	Brush
130	185-5600	1	Holder, Brush
140	185-5601	3	Spring, Brush
150	185-5602	1	Brush
160	185-5603	1	Bracket
170	185-5604	1	Bush
180	185-5605	1	Screw, Pan Head - Recessed

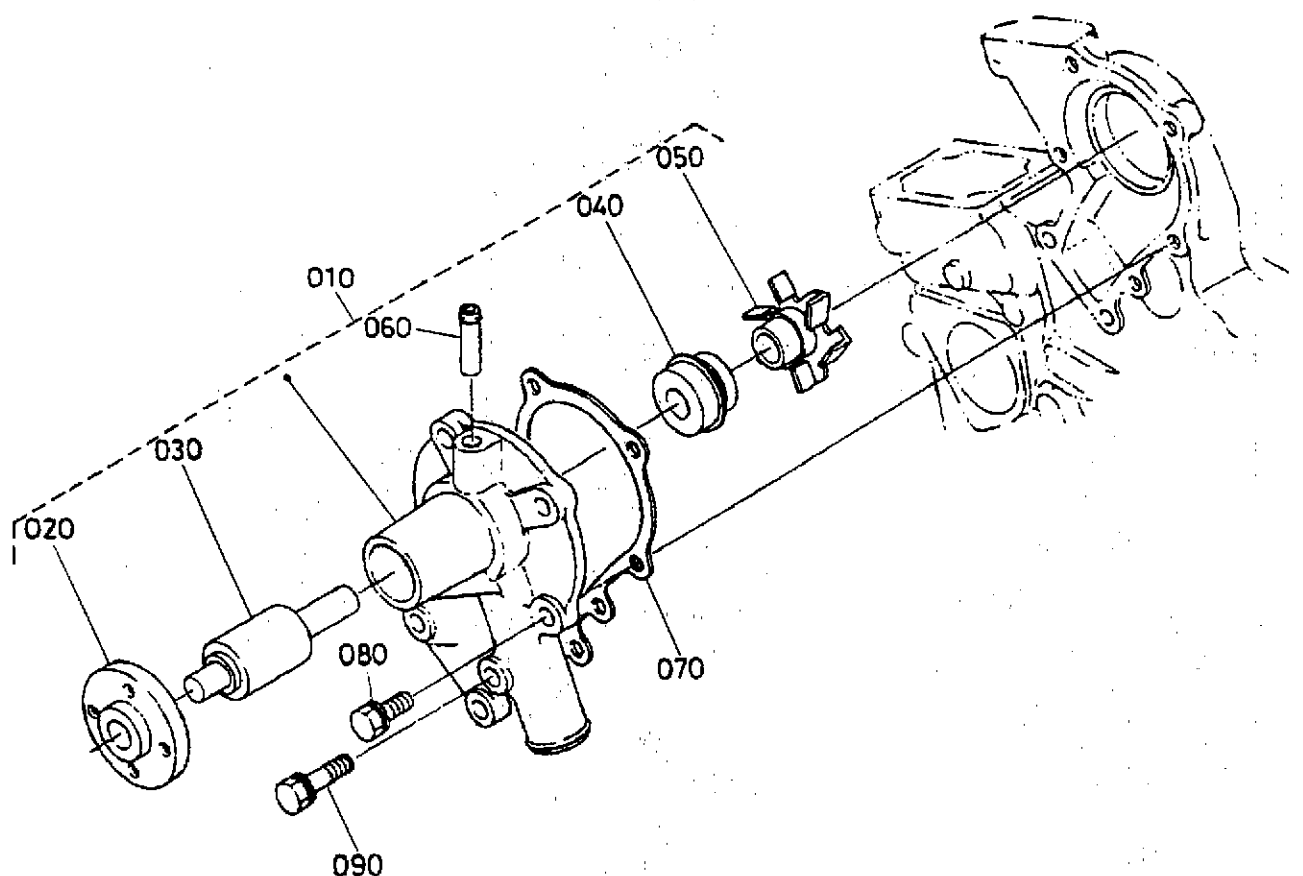
Water Flange and Thermostat



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5718	1	Flange - Water
020	185-5719	1	Pipe, Return - Water
030	185-5720	1	Gasket, Flange - Water
040	185-2388	2	Bolt
050	185-5721	1	Bolt
060	185-5722	1	Pipe, Return - Water

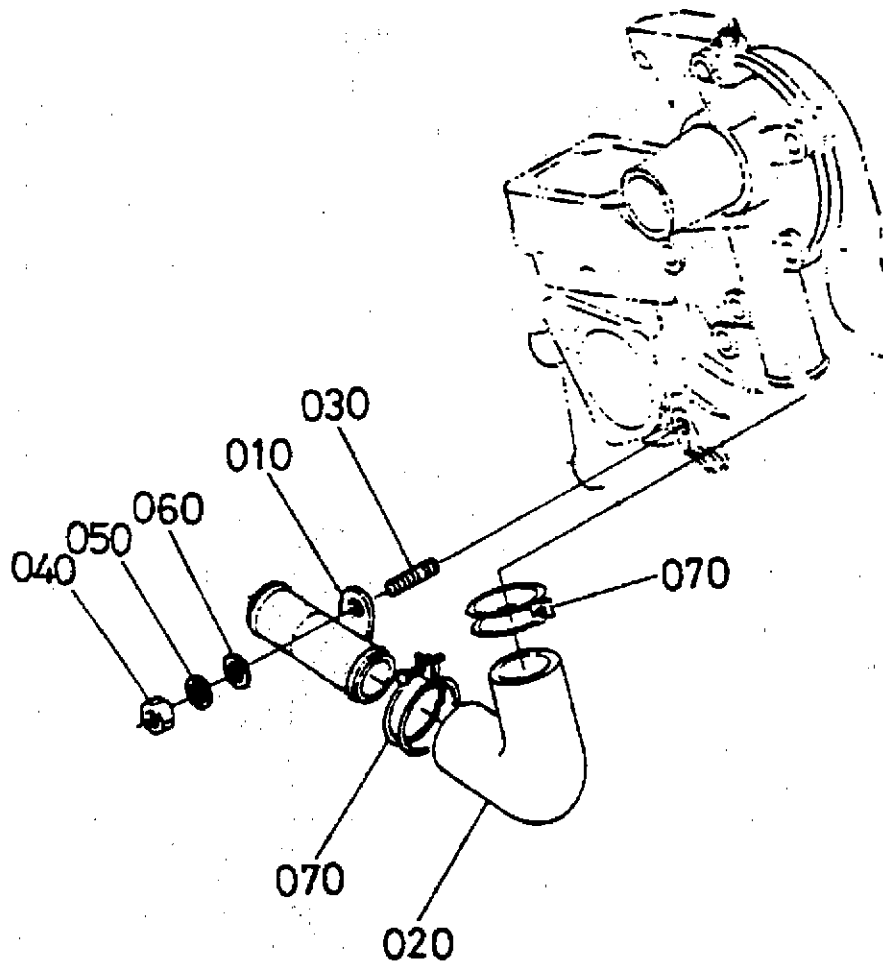
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
070	185-5723	2	Band, Pipe
080	185-5458	1	Thermostat
090	185-5792	1	Cover, Side Thermostat - Discharge
100	185-2238	1	Gasket, Thermostat
110	185-2559	2	Bolt

Water Pump



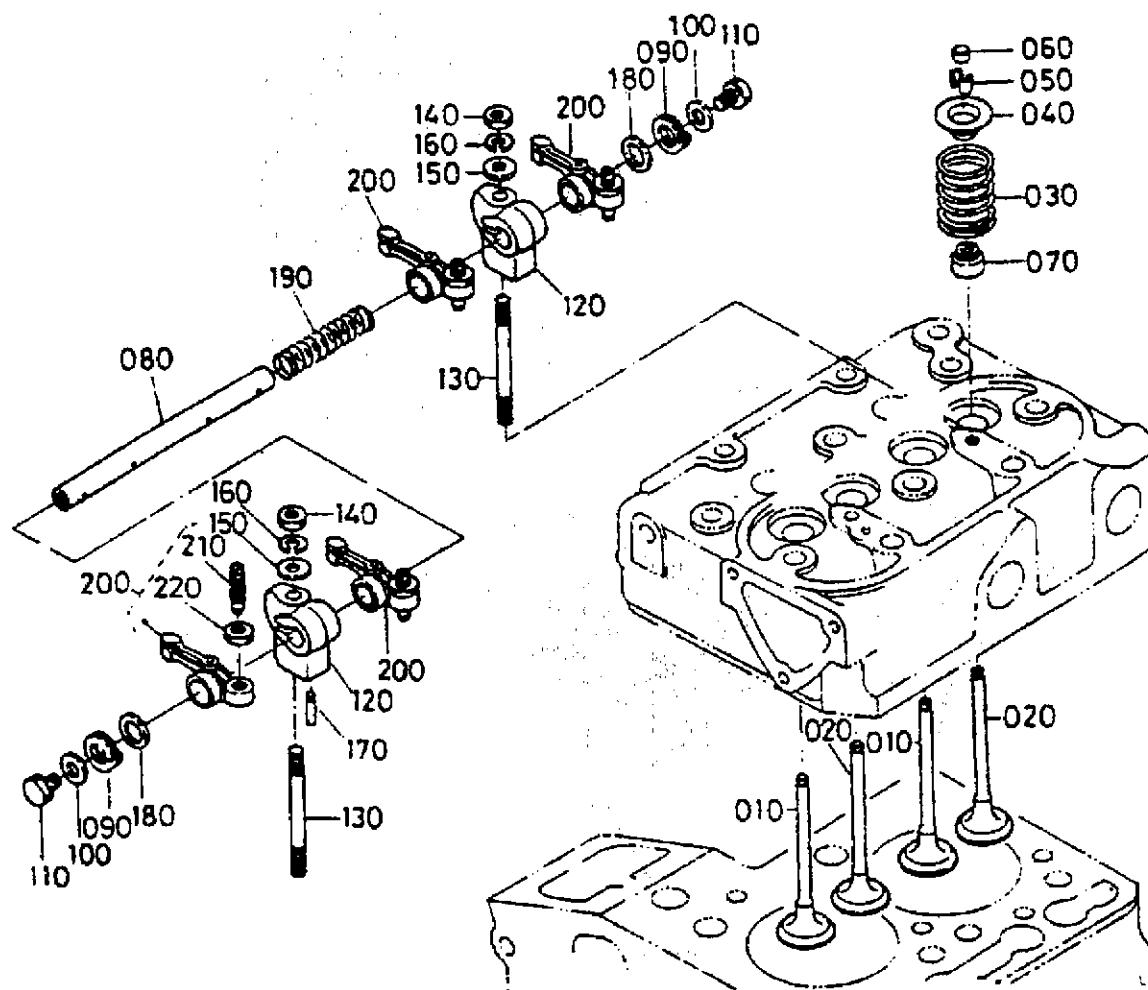
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5433	1	Pump Assembly, Water	060	185-5716	1	Pipe, Return - Water
020	185-5712	1	Flange, Pump - Water	070	185-5434	1	Gasket, Pump - Water
030	185-5713	1	Bearing	080	185-2559	4	Bolt
040	185-5714	1	Seal Assembly, Mechanical	090	185-5717	1	Bolt
050	185-5715	1	Impeller, Pump - Water				

Water Pipe



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5725	1	Pipe, Water	050	185-2380	1	Washer, Spring
020	185-5726	1	Pipe, Water	060	185-2376	1	Washer, Plain
030	185-5727	1	Stud	070	185-5728	2	Clamp, Hose
040	185-4255	1	Nut				

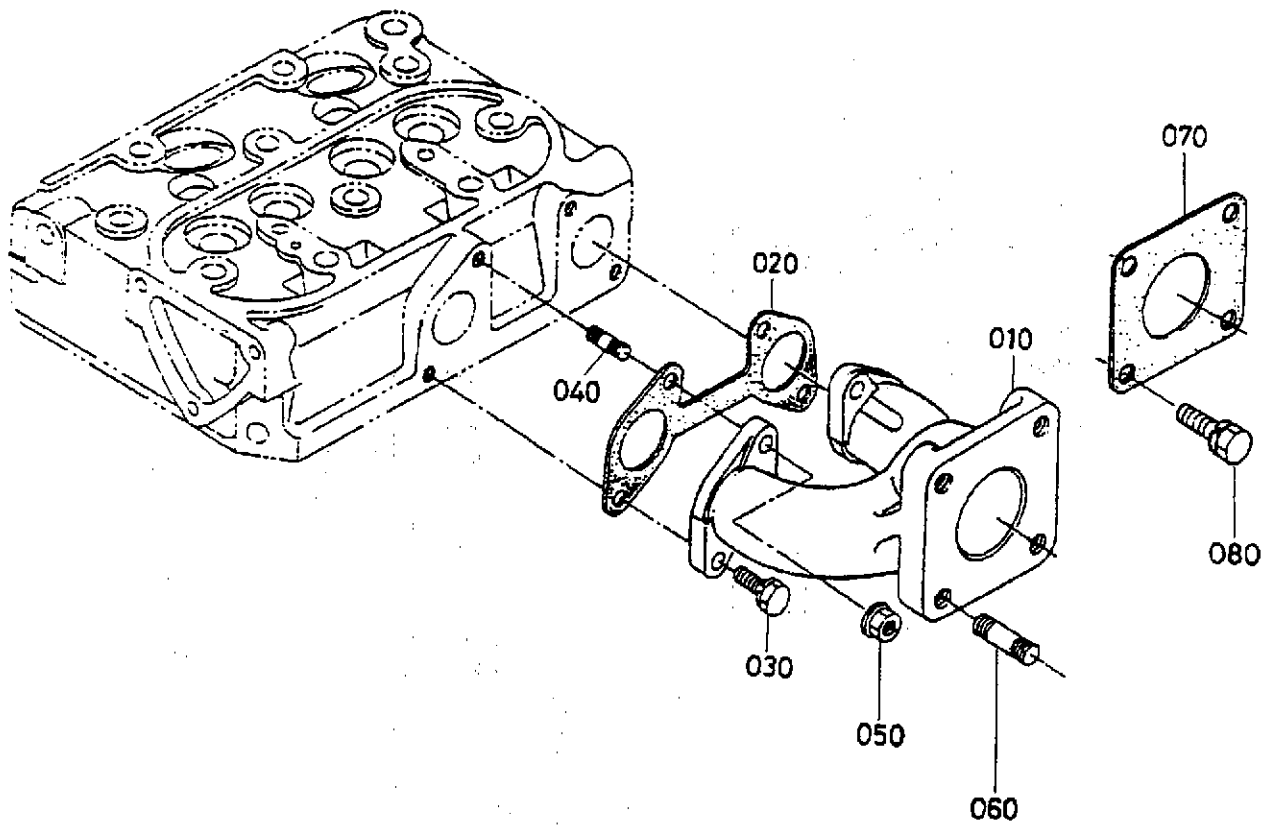
Valve and Rocker Arm



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5537	2	Valve, Inlet
020	185-5538	2	Valve, Exhaust
030	185-5539	4	Spring, Valve
040	185-5540	4	Retainer, Spring
050	185-5541	4	Collet, Spring - Valve
060	185-5793	4	Cap, Valve
070	185-5348	4	Seal, Stem - Valve
080	185-5543	1	Shaft, Arm - Rocker
090	185-5544	2	Spring, Thrust
100	185-5545	2	Washer, Plain
110	185-2386	2	Bolt

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
120	185-5546	2	Bracket, Arm - Rocker
130	185-5547	2	Stud
140	185-4255	2	Nut
150	185-2376	2	Washer, Plain
160	185-2380	2	Washer, Spring
170	185-5548	1	Screw, Set - Rocker Arm
180	185-5549	2	Washer, Shaft - Rocker Arm
190	185-5550	1	Spring, Arm - Rocker
200	185-5551	4	Arm Assembly, Rocker
210	185-5552	4	Screw, Adjusting
220	185-5553	4	Nut

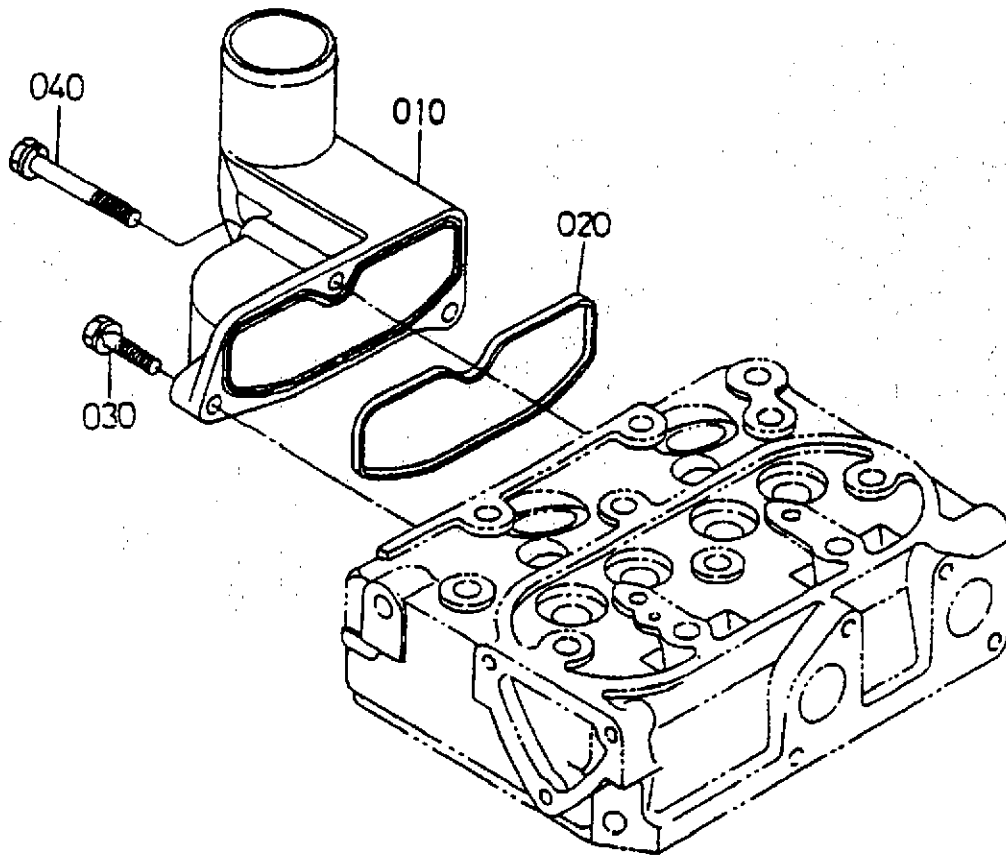
Exhaust Manifold



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5533	1	Manifold, Exhaust
020	185-5336	1	Gasket, Manifold - Exhaust
030	185-5334	2	Bolt,
040	185-5535	2	Stud

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
050	185-5536	2	Nut,
060	185-2362	4	Stud
070	185-5338	1	Gasket, Muffler
080	185-2402	4	Bolt

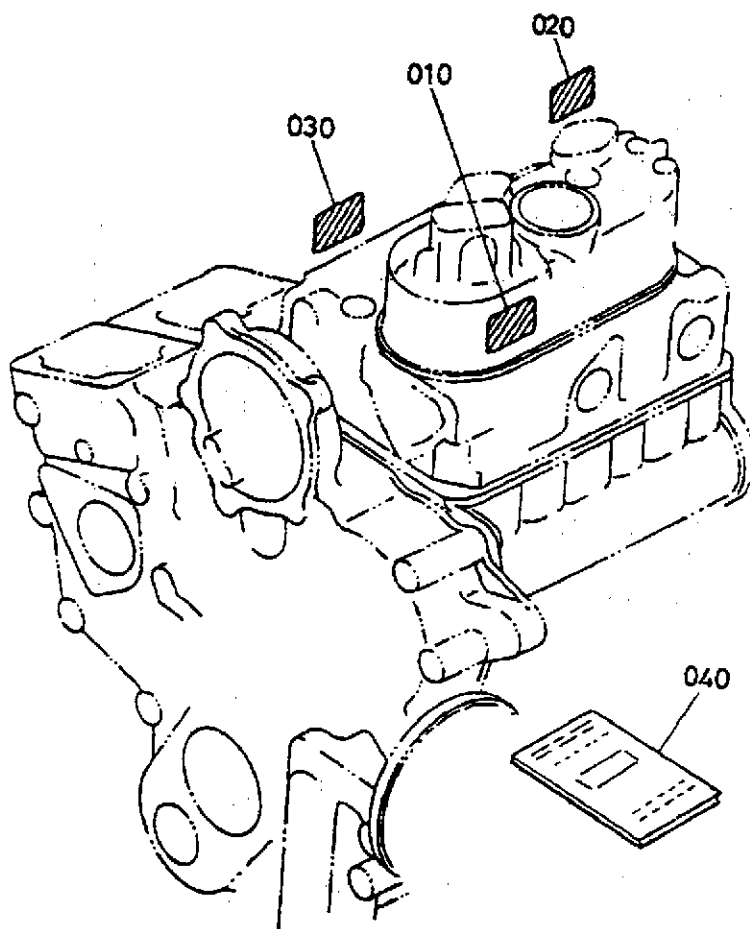
Inlet Manifold



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5794	1	Manifold, Intake
020	185-5335	1	Gasket, Manifold - Intake

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
030	185-2391	2	Bolt
040	185-2394	1	Bolt

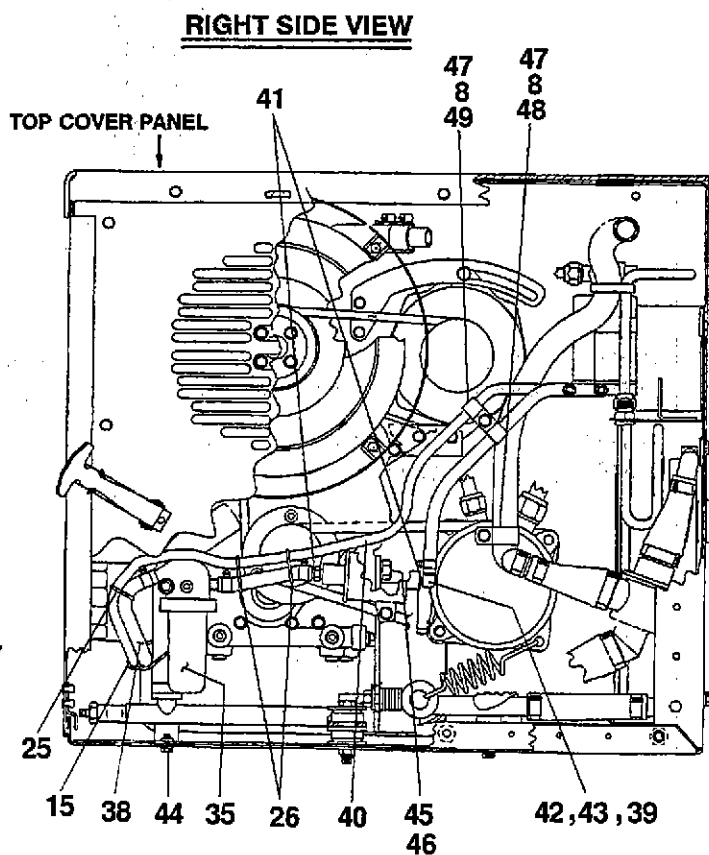
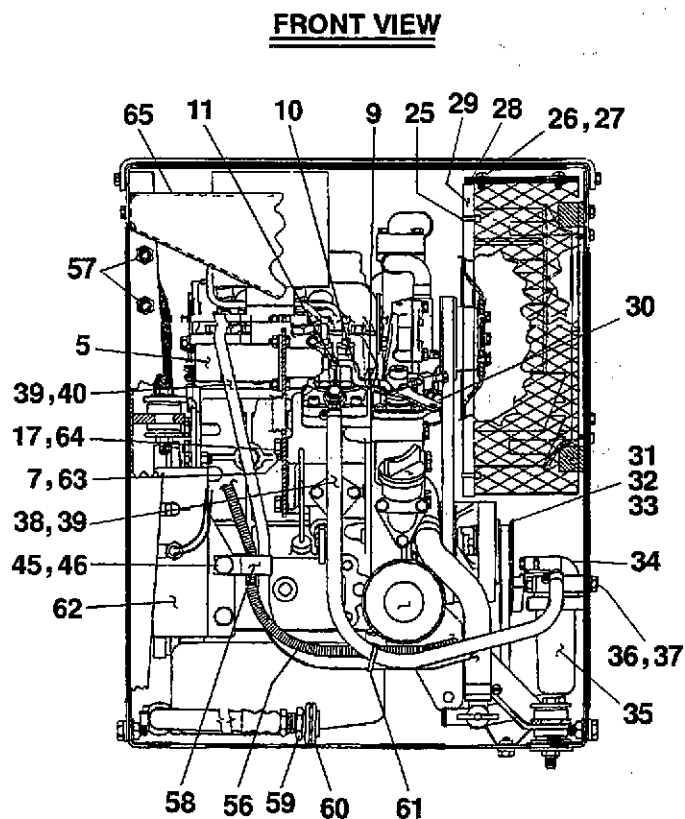
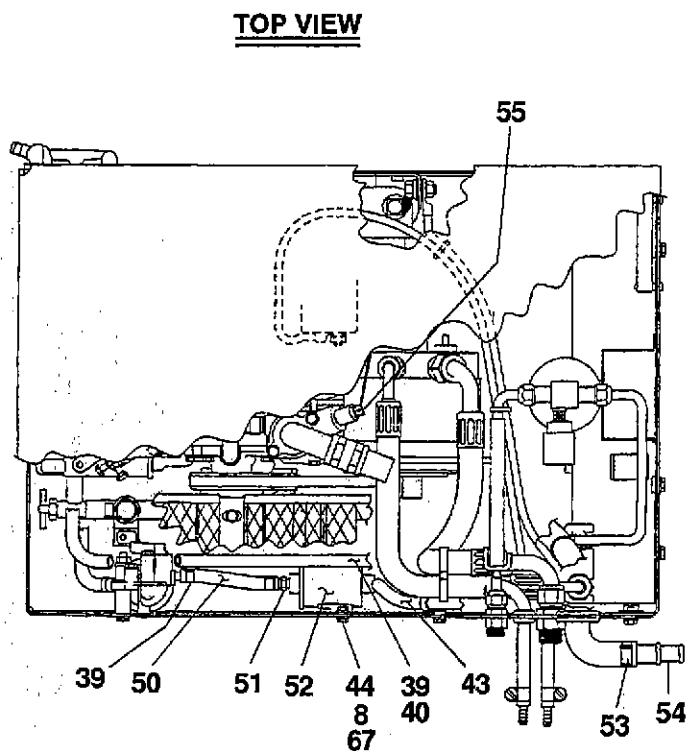
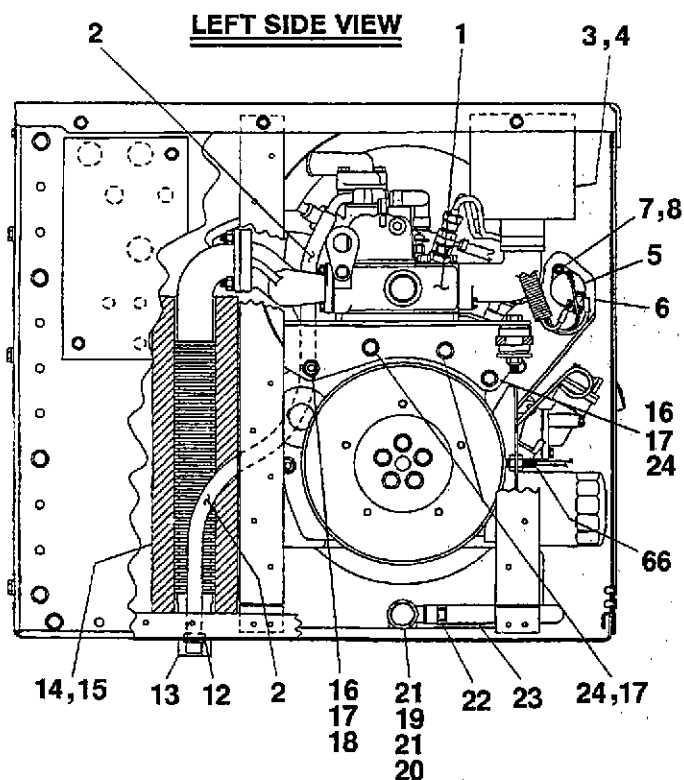
Labels and Operator's Manual



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
010	185-5530	1	Plate, Name - Engine
020	185-5795	1	Label

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
030	185-5796	1	Label, Instruction
040	185-5797	1	Manual, Operators

Engine Accessories (Spec 1A) (R-12)



Engine Accessories (Spec 1A) (R-12)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	100-3068	1	+Engine	38	503-1837	1	◊*Hose, Fuel (1.2") (9/16 OD x 5/16 ID)
2	503-0276	1	+Hose, Breather (2")	39	503-0685	6	◊**Clamp, Hose (7/37 min to 5/8 max)
3	140-2667	1	+Filter, Air	40	503-1338	1	◊**Hose, Bulk (3/16 ID) (4.6')
4	503-0429	1	+Clamp, Hose (1-1/16 - 2" Dia)	41	518-0288	AR	*Loctite (Brown)
5	307-2789	1	◊+Solenoid, Stop	42	502-0313	1	*Elbow (1/8 NPT x 1/4 ID Hose)
6	306-3978-01	1	+Bracket, Mounting - Stop Solenoid	43	503-1418	1	*Hose, Fuel (1.7") (1/4 ID x 1/2 OD)
7	800-2033	3	+Screw, Cap - Hex Head (M6 x 1 x 16mm)	44	821-2032	3	*Screw, Locking - Hex Flange (M6 x 1 x 12mm)
8	870-2054	7	◊+Nut, Lock - Flange (M6 x 1)	45	815-0585	6	◊*Screw, Cap - Hex Head (M10 x 1.25 x 20mm)
9	306-3912	1	◊Clip, End - Rod	46	850-2010	6	◊*Washer, Lock-Spring (M10)
10	306-3913-01	1	◊Rod, Solenoid - Stop	47	821-2033	6	*Screw, Locking - Hex Flange (M6 x 1 x 16mm)
11	115-0025	1	◊Nut, (1/4 - 28 Hard)	48	332-1024	1	*Clamp, Loop (1")
12	508-0094	1	+Grommet (7/16" ID)	49	332-2650	2	*Clamp, Loop - Insulated (7/16)
13	155-2611	1	+Exhaust Pipe Assembly	50	503-1837	1	*Hose, Rubber (.29") (9/16 OD x 5/16 ID)
14	155-2612	1	+Insulation, Exhaust	51	502-0582	1	*Hose, Connector (1/8 NPT x 5/16 ID Hose)
15	332-1389	1	+Tie, Cable (14")	52	149-2384	1	*Pump, Fuel - Electric
16	860-2008	2	+Nut, Hex (M8 x 1.25)	53	503-0382	1	*Clamp, Hose (11/16 to 1-1/2")
17	850-2008	4	◊+Washer, Lock-Spring (M8)	54	502-1203	1	*Splice, Hose
18	800-2059	1	+Screw, Cap - Hex Head (M8 x 1.25 x 30mm)	55	309-0437	1	*Thermostat, HETCO
19	502-1121	1	+Union, Banjo	56	338-2753	1	◊Harness, Genset
20	502-1122	1	+Bolt, Banjo	57			◊ Breaker, Circuit 10 Ampere
21	526-0403	2	+Washer, Copper		320-1801-01	1	25 Ampere
22	503-0976	1	+Clamp, Hose		320-1801-02	1	◊Clip, "J"
23	501-0604	1	+Hose, Drain - Oil	58	332-2634	1	◊Cap, Pipe (Brass 1/2" NPTF)
24	800-2057	3	+Screw, Cap - Hex Head (M8 x 1-1/4 x 20mm)	59	502-0876	1	◊Grommet
25	332-0942	AR	◊*Tie, Cable (3-5/8")	60	508-0309	3	◊Tie, Cable (7.31")
26	870-0178	6	◊Nut, Speed (1/4-20)	61	332-0941	AR	◊Guard, Gear - Ring
27	821-0009	2	◊Screw, Flange Locking - Hex Head (1/4-20 x 3/8")	62	104-1833	1	◊Washer, Lock - Spring (M6)
28	130-4202-02	1	◊Weldment, Guard - Fan	63	850-2006	1	◊Screw, Cap - Hex Head (M8 x 1.25 x 16mm)
29	508-1088	1	◊Edging (Part of Fan Kit)	64	800-2056	2	◊Brace
30	718-1025	1	◊Screw, Cap - Hex Head (M6 x 1 x 40mm)	65	403-3438	1	+Magnet, Sensor - Speed
31	512-0182-02	1	◊Pulley, Drive - Engine	66	150-2521	1	*Washer, Lock - EIT (1/4")
32	802-2091	3	◊Screw, Cap - Socket Head (M8 x 1.25 x 20mm)	67	856-0006	1	
33	518-0186	AR	◊Loctite (Red)				
34	149-2326	1	◊*Filter Assembly, Fuel				
35	149-2404	1	◊*Filter, Fuel (Includes O-Ring)				
36	800-0035	1	◊Screw, Cap - Hex Head (5/16 - 18 x 2-1/2")				
37	870-0257	1	◊Nut, Flange - Self-Locking (5/16-18)				

* - Right Side View

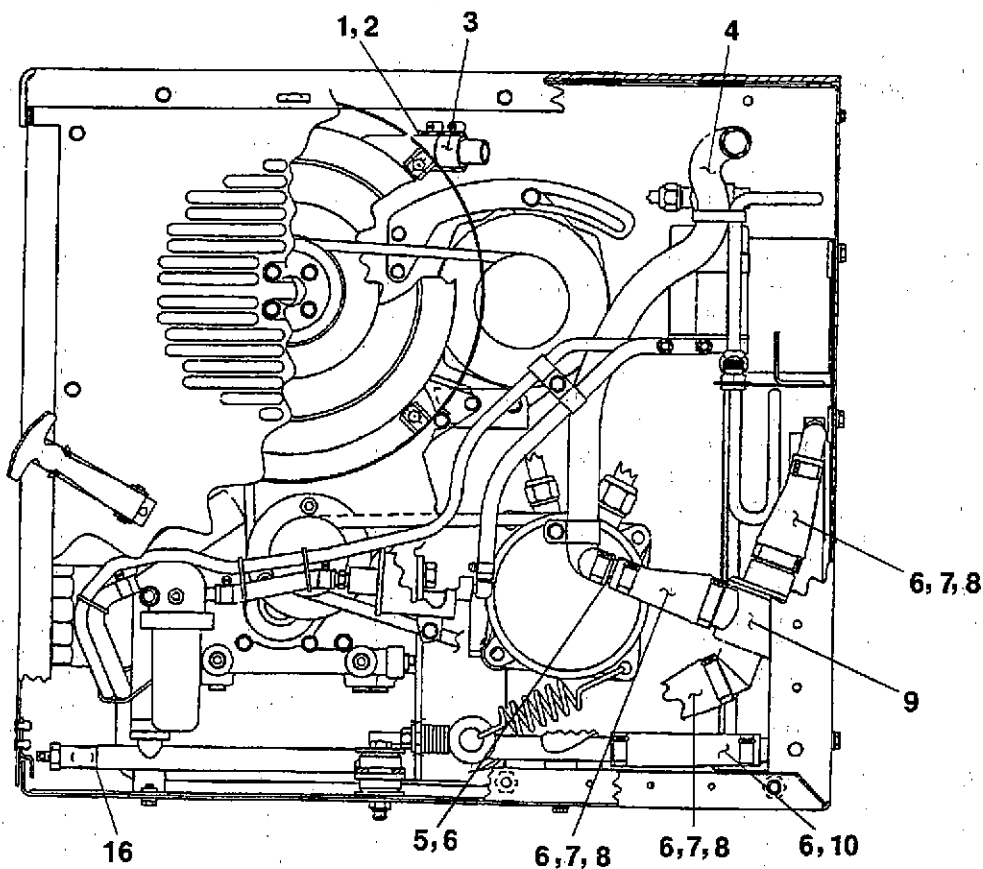
◊ - Top View

+ - Left Side View

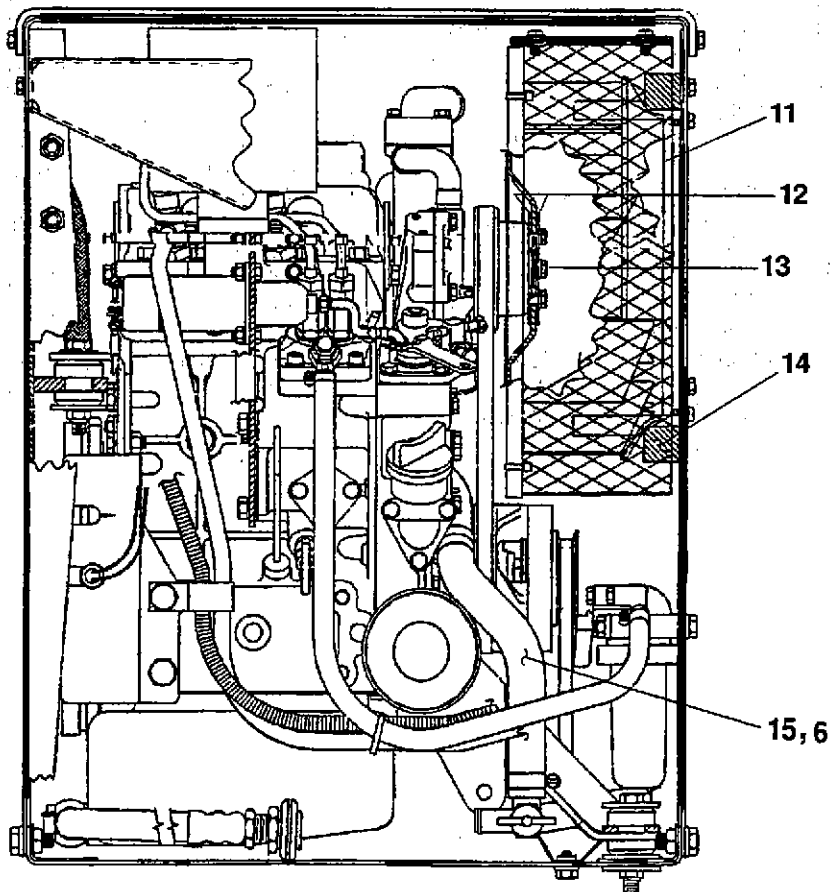
◊ - Front View

Cooling System (Spec 1A) (R-12)

RIGHT SIDE VIEW



FRONT VIEW

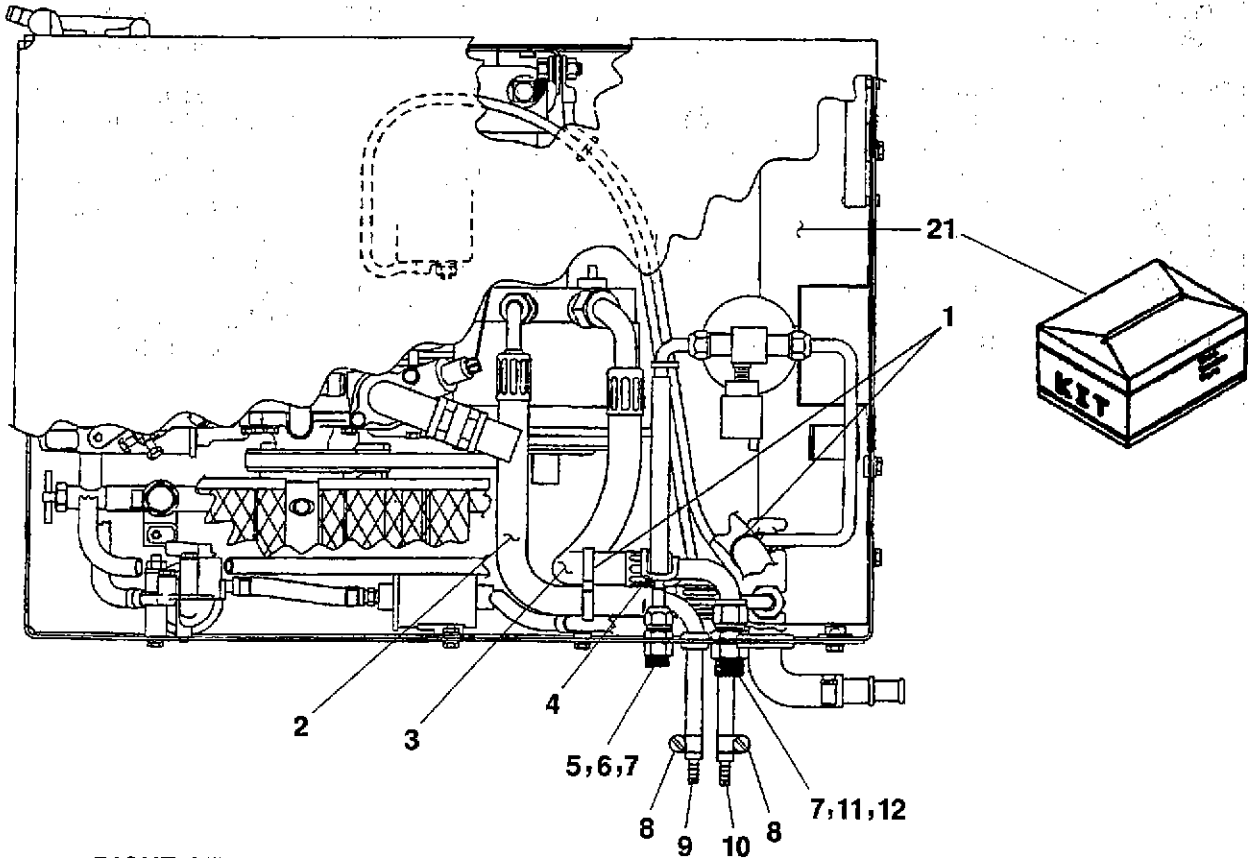


Cooling System (Spec 1A) (R-12)

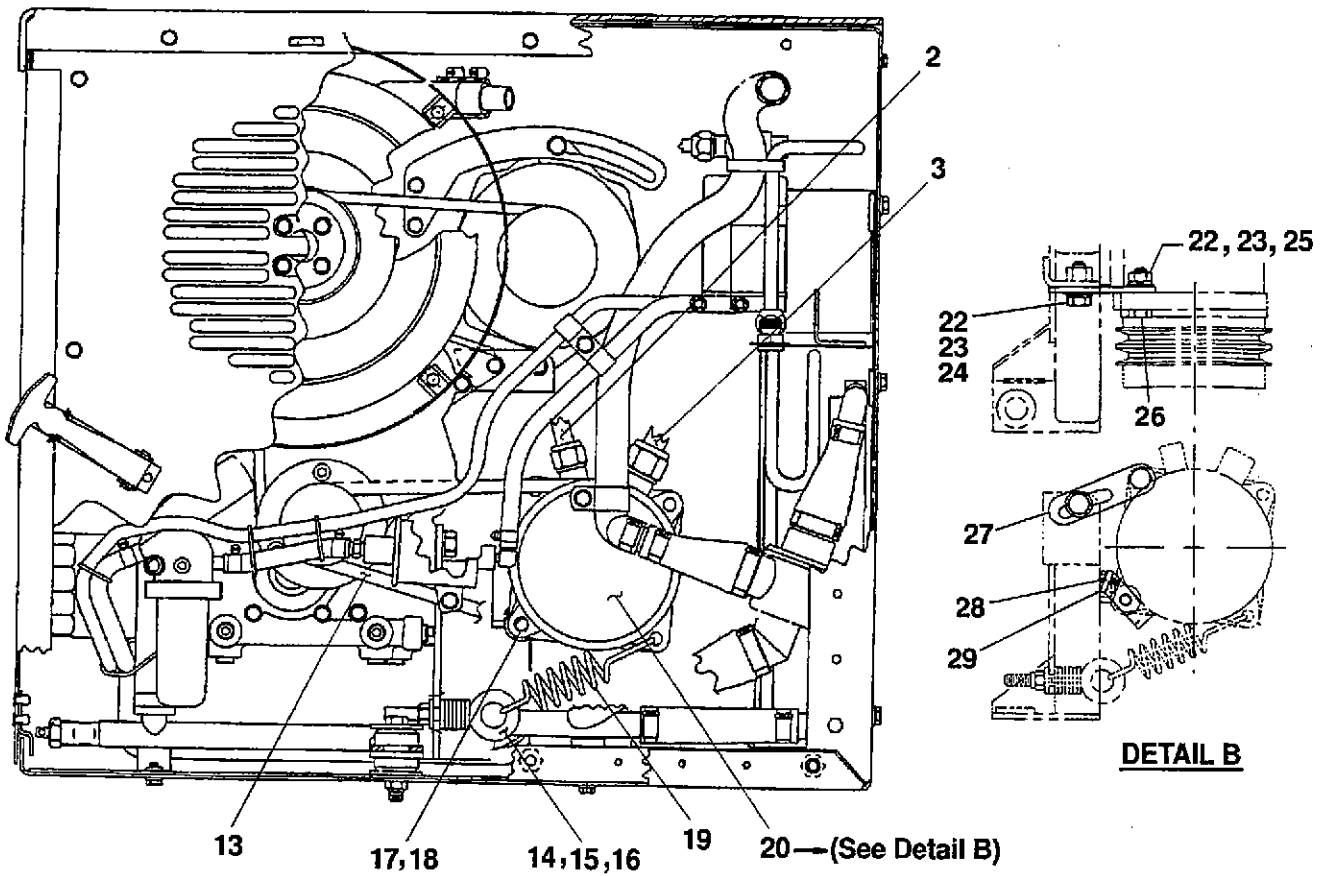
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	503-0249	2	Hose, Heater (1" I.D.)	10	503-1839	1	Hose, Coolant (.41 Foot)
2	503-0189	1	Clamp, Hose (11/16 to 1 1/2")	11	130-4277	1	Fan, Air (Part of Fan Kit)
3	130-4111	1	Adapter, Hose - Reducer	12	130-4093-01	2	Plate, Retainer - Fan
4	503-1839	1	Hose, Coolant (1 1/2")	13	821-2033	6	Screw, Flange Locking - Hex Head (M6 x 1 x 16mm)
5	502-1203	1	Splice, Hose	14	128-0142	1	Seal, Fan
6	503-0382	8	Clamp, Hose	15	503-1839	1	Hose, Coolant (.71 Foot)
7	503-1866	3	Hose, Coolant	16	130-4085-01	1	Tube, Drain - Radiator
8	503-0429	3	Clamp, Hose (1 1/16-2" Diameter)	17	130-4244	1	Kit, Fan (Includes Fan and Fan Guard) (Not Shown)
9	130-3985	1	Housing, Flow -Thermo				

Air Conditioning System (Spec 1A) (R-12)

TOP VIEW



RIGHT SIDE VIEW



Air Conditioning System (Spec 1A) (R-12)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	332-2262	2	Tie, Cable (8")	128-0180	1		*Condenser/Radiator Assy
2	128-0182	1	Hose, Condenser				(Includes Parts Marked @)
3	128-0183	1	Hose, Fitting - Bulkhead	327-1168	1		@Core Assembly,
4	332-1389	4	Tie, Cable (14")				Condenser/Radiator
5	505-1469	1	Bulkhead Union (#8)	128-0194	1		@Receiver/Drier Assy
6	868-0007	1	Nut, Jam - Hex (5/8-18)				(Includes Parts Marked ~)
7	524-0703	1	Oil, Refrigerant - R-12 (.01 OZ)	128-0206	1		~Receiver/Drier
8	503-0685	2	Clamp, Hose (7/32 min. 5/8 Max.)	308-1012	1		~Switch, Pressure - Binary
9	502-1174	1	Fitting, Hose - Union (1/4 Hose x 1/4 Hose)	128-0241	1		@Tube Assembly
10	502-1175	1	Fitting, Reducer - Union (1/4 Hose to 3/16 Hose)	327-1172	1		@Bracket Assembly, Mounting
11	505-1470	1	Bulkhead Union (#10)	22	526-0030	2	Washer, Flat (3/8)
12	868-0013	1	Nut, Jam - Hex (7/8-14)	23	850-2010	2	Washer, Lock-Spring (M10)
13	511-0181	1	Belt, V - Compressor	24	800-2087	1	Screw, Cap - Hex Head (M10 x 1.5 x 30mm)
14	403-3457	1	Eyebolt (3/8)	25	860-2009	1	Nut, Hex (M10 x 1.5)
15	526-0014	8	Washer, Flat (7/16)	26	800-2088	1	Screw, Cap - Hex Head (M10 x 1.5 x 35mm)
16	870-0453	1	Nut, Lock (3/8-16-2B Hex Nylon Insert)	27	403-3597-02	1	Bracket, Adjust - Compressor
17	128-0210-02	1	Pin Assembly	28	815-0005	1	Screw, Locking - Hex Flange (10-32 x 1/2")
18	815-0005	1	Screw, Locking - Hex Flange (10-32 x 1/2")	29	128-0210-02	1	Pin Assembly
19	128-0184	1	Spring				
20	128-0179	1	Compressor, AC				
21	128-0186	1	Kit, Condenser/Radiator (Includes Parts Marked *)				
	128-0185	1	*Hose Assy, Refrigerant (#6)				
	128-0182	1	*Hose Assy, Refrigerant (#8)				
	128-0183	1	*Hose Assy, Refrig. (#10)				

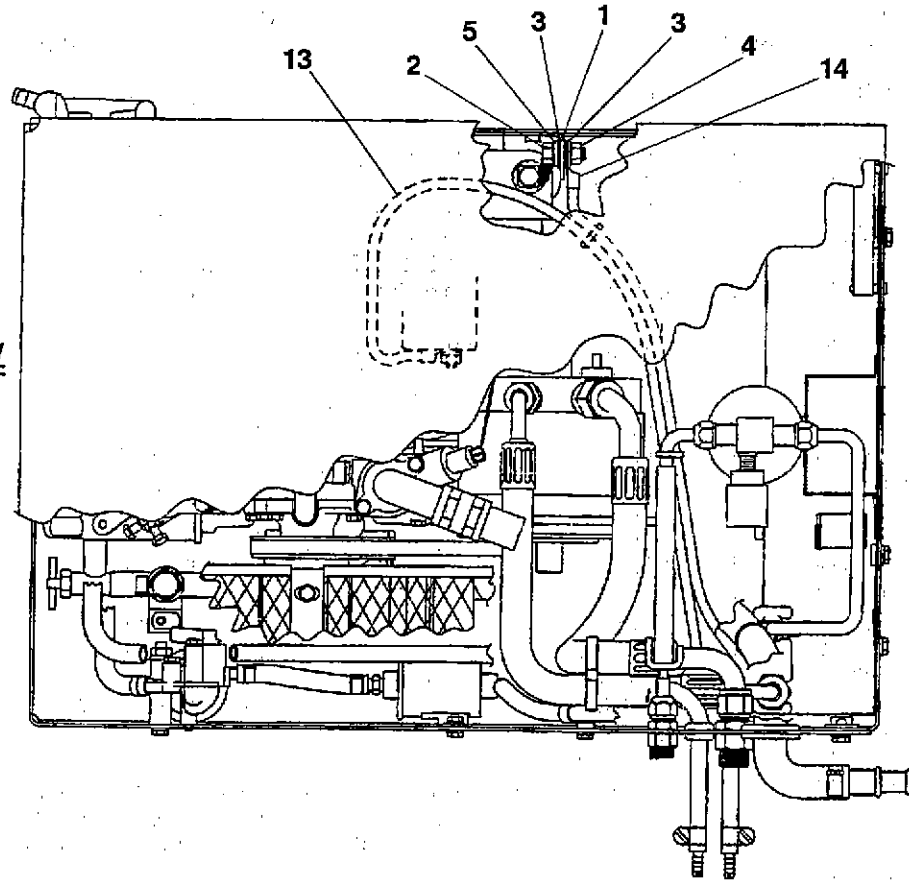
* - Parts included in Condenser/Radiator Kit.

@ - Parts Included in Condenser/Radiator Assembly.

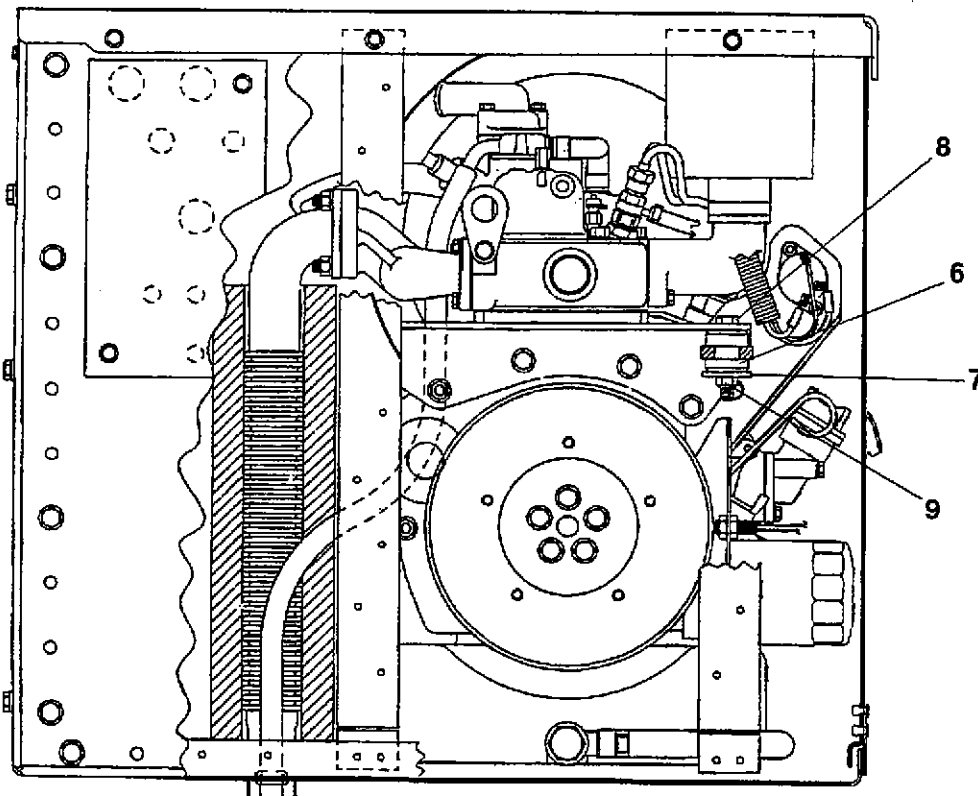
~ - Parts included in Receiver/Drier Assembly.

Insulation & Angle Mounts (Spec 1A) (R-12)

TOP VIEW

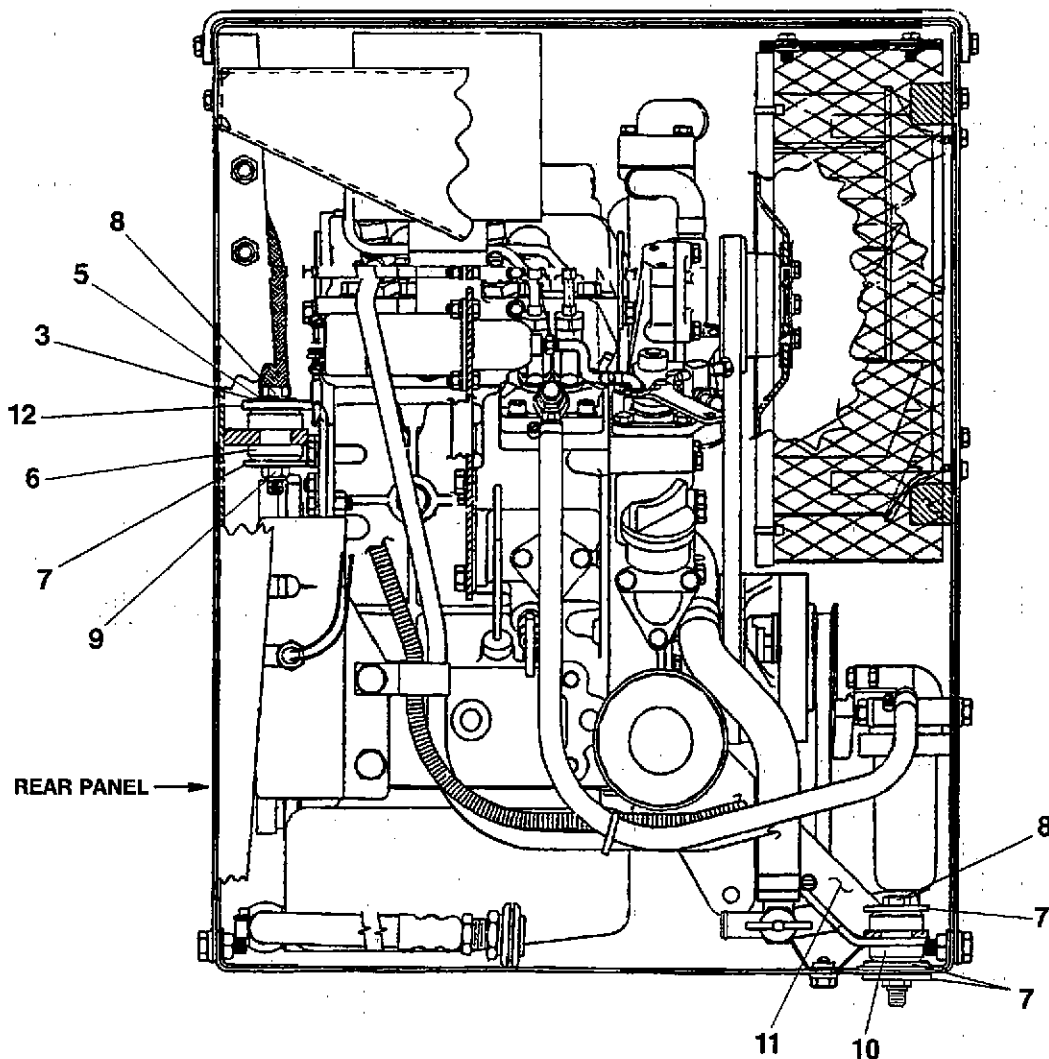


LEFT SIDE VIEW



Insulation & Angle Mounts (Spec 1A) (R-12)

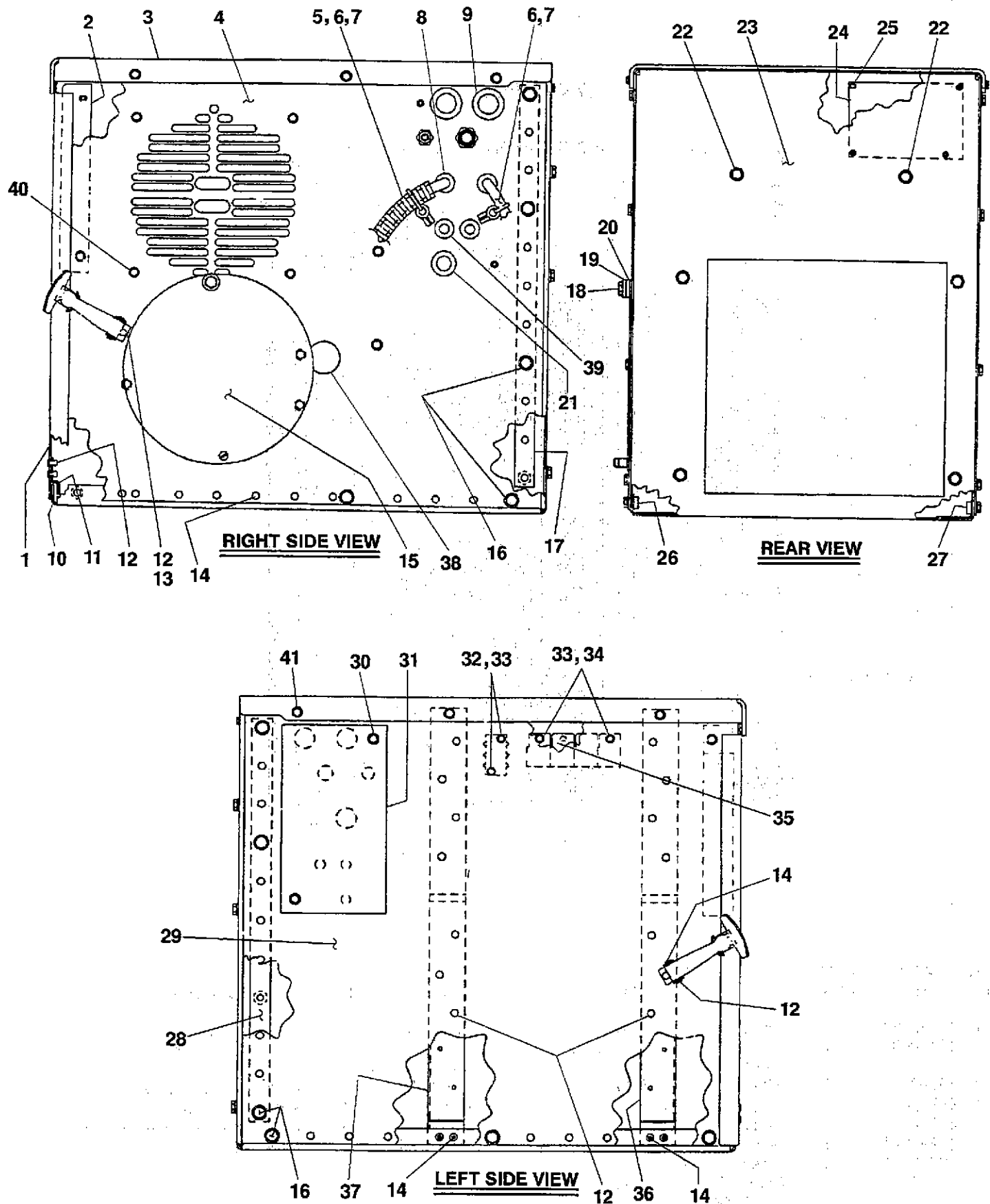
FRONT VIEW



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	403-3283-01	1	Angle, Mounting - Engine
2	821-0030	1	Screw, Locking - Hex Flange (3/8-16 x 1")
3	856-0010	3	Washer, Lock - EIT (3/8")
4	862-0003	1	Nut, Hex (3/8-16)
5	337-2312	1	Strap, Bond
6	402-0647-02	2	Mount, Isolation
7	526-0014	5	Washer, Flat (7/16)
8	800-0055	3	Screw, Cap - Hex Head (3/8-16 x 2-1/4")

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
9	870-0453	4	Nut, Locking-Self (3/8-16-2B Hex Nylon Insert)
10	402-0647-03	1	Mount, Isolation
11	403-3254-02	1	Bracket, Mounting - Front
12	403-3258-01	1	Angle, Mounting
13	416-0994	1	Cable Assembly, Battery - (+)
14	416-0995	1	Cable Assembly, Battery - (-)

Cabinet Panels & Angles (Spec 1A) (R-12)



Cabinet Panels and Angles (Spec 1A) (R-12)

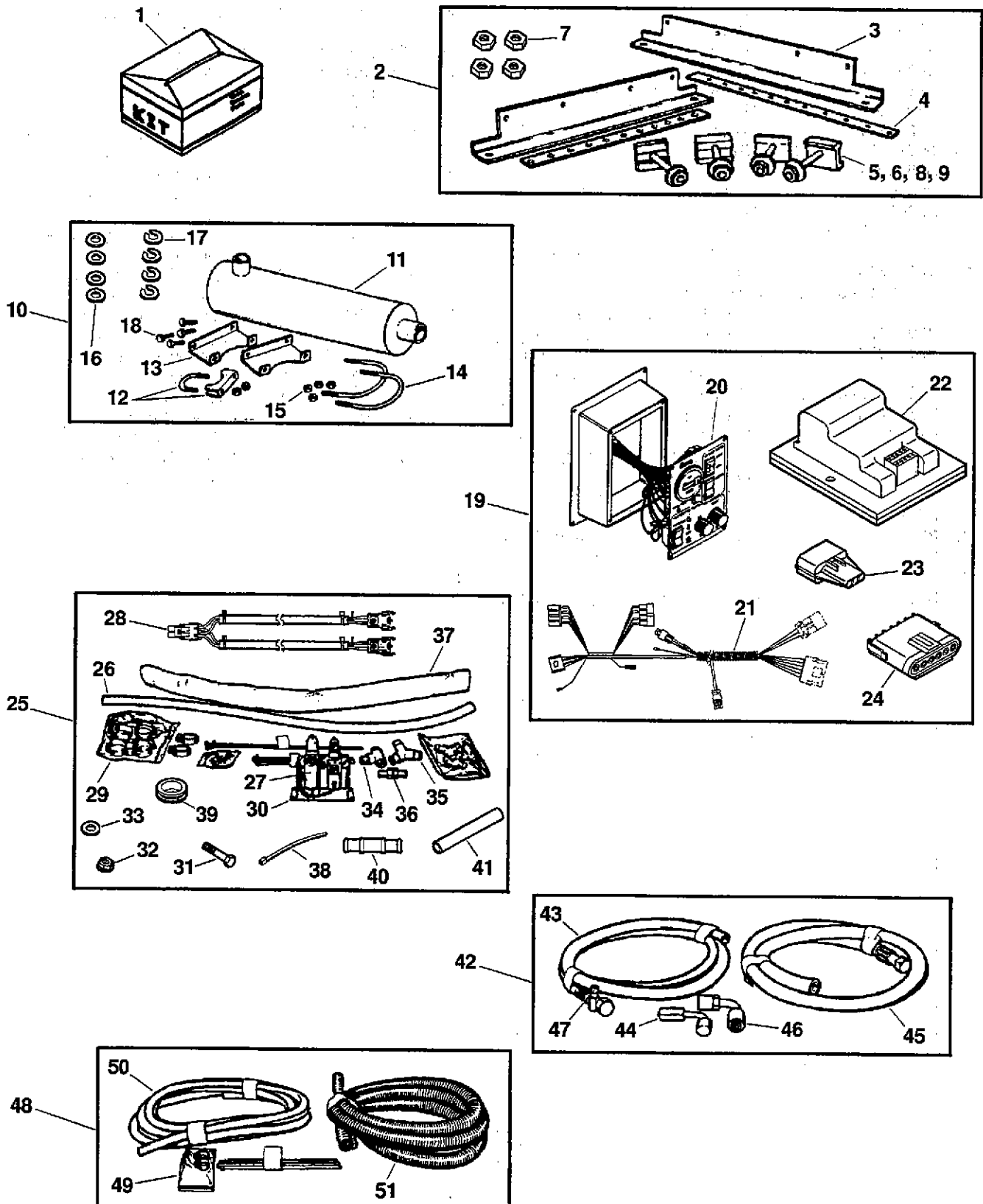
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	403-3341	1	*Panel, Cover - Left Side	25	815-0680	4	#Screw, Pan Head - External Tooth
2	403-3438	1	*Brace	26	403-3289-01	1	#Angle, Mounting - Set
3	403-3296	1	*Panel, Cover - Top	27	403-3290-01	1	#Angle, Mounting - Set
4	403-3286	1	*Panel, Front	28	403-3315-01	2	+Retainer
5	898-1195-03	1	*Sleeving, Convoluted	29	403-3285	1	+Panel, Rear
6	332-0941	1	*Tie, Cable (7.31")	30	821-2032	6	+Screw, Flange Locking - Hex (M6 x 1 x 12mm)
7	332-0211	1	*Terminal #2	31	403-3287	1	+Cover, Interface
8	508-0021	3	*Grommet (1/2" ID)	32	821-0003	2	+Screw, Flange Locking - Hex (#10-32 x 1")
9	508-0309	3	*Grommet (1" ID)	33	870-0131	4	+Nut, Hex - External Tooth (#10-32)
10	895-0308	1	*Tape, Polyurethane (15")	34	821-0004	2	+Screw, Flange Locking - Hex (#10-32 x 5/16")
11	403-3295	1	*Angle	35	307-2767	4	+Relay, SPDT (12VDC)
12	818-0217-02	66	+*Rivet, Strct Self-Plug (3/16 Dia 1/8-1/4 Grip)	36	403-3282-01	1	+Angle, Mounting - Engine
13	406-0744	2	*Latch	37	403-3283-01	1	+Angle, Mounting - Engine
14	818-0217-03	5	+*Rivet, Strct Self-Plug (3/16 Dia 1/4-3/8 Grip)	38	517-0254	1	*Plug, Hole
15	403-3422	1	*Cover Assembly, Inlet - Fan	39	508-0011	1	*Grommet
16	821-0030	14	+*Screw, Flange Locking - Hex Head (3/8 - 16 unc x 1")	40	821-0010	4	*Screw, Flange Locking - Hex (1/4-20 x 1/2")
17	403-3315-01	2	*Retainer	41	800-2033	6	+Screw, Cap - Hex Head (M6 x 1 x 16mm)
18	815-0473	1	#Screw, Shoulder				
19	526-0324	1	#Washer, Steel (13/32 ID x 1-7/8 OD)				
20	508-1081	1	#Washer, Rubber (9/32 ID x 1-3/4 OD)				
21	508-0001	1	*Grommet (3/4" ID)				
22	821-2046	6	#Screw, Hex Washer Head (M8 x 1-1/4 x 20mm)				
23	403-3261	1	#Panel, Mounting - Set				
24	300-4065	1	#PC Board Assembly				

* - Right Side View

+ - Left Side View

- Rear View

Accessory Kits (Spec 1A) (R-12) **(Conventional Truck) & (Cab Over Engine)**



Accessory Kits (Spec 1A) (R-12) (Conventional Truck) & (Cab Over Engine)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Kit, Accessory (Includes Parts Marked *)	25			*Kit, Accessory - Coolant (Includes Parts Marked +)
	542-3901	1	Conventional Truck		130-3988	1	Conventional Truck
	542-3902	1	Cab Over Engine		130-4274	1	Cab Over Engine
2	405-4431	1	*Kit, Mount - Side Rail (Includes Parts Marked #)	26			+Hose, Coolant
3	403-3342	2	#Angle, Mounting - Set		503-1881	1	Conventional Truck (40 Ft)
4	403-3316	2	#Spacer, Mounting - Housing		503-1905	1	Cab Over Engine (60 Ft)
5	406-0738	4	#Catch, Mounting - Set	27	309-0633	2	+Valve, Solenoid
6	800-0145	4	#Screw, Cap - Hex Head (5/8-11 x 5-1/2")	28	338-2858	1	+Harness Assembly, Wire
7	870-0491	4	#Nut, Locking - Hex (5/8-11)	29	503-0382	44	+Clamp, Hose
8	526-0112	4	#Washer, Flat (11/16 ID x 1-3/8 OD)	30	130-4132-01	1	+Bracket, Support - Valve
9	526-0404	8	#Washer, Flat	31	800-0007	8	+Bolt (1/4-20 x 1")
10	155-2614	1	*Kit, Exhaust (Includes Parts Marked ^)	32	870-0065	8	+Nut, Lock (1/4-20)
11	155-1258	1	^Muffler, Arrestor - Spark	33	526-0016	8	+Washer, Flat (1/4)
12	155-1239	1	^Clamp, Muffler (1-5/8" Dia)	34	502-1195	3	+Fitting, Hose (Tee)
13	155-2613-01	2	^Bracket, Mounting - Exhaust	35	502-1196	3	+Fitting, Hose (Wye)
14	155-2630	2	^U-Bolt	36	504-0181	1	+Valve, Check - Water
15	860-2007	4	^Nut (M6 x 1)	37			+Insulation, Line - Fuel
16	526-0018	4	^Washer, Flat (17/64 ID x 5/8 OD)		149-2415	1	Conventional Truck
17	850-2006	4	^Washer, Lock - Spring (M6)		149-2443	1	Cab Over Engine
18	821-0018	4	^Screw, Locking - Hex Flange (1/4-20 x 5/8")	38	332-1389	50	+Tie, Cable
19			*Kit, Control Assembly (Includes Parts Marked @)	39	508-0309	2	+Grommet
	300-4213	1	Conventional Truck	40	502-1203	2	+Splice, Hose (3/4"-5/8")
	300-4360	1	Cab Over Engine	41	503-1904	1	+Hose, Coolant (18")
20	300-4289	1	@Panel Assembly, Control (See Control Panel Pg. 50)	42			*Kit, Hose Assy - Refrigerant (Includes Parts Marked ~)
21			@Harness Assembly, Wire - Standard (Includes Parts Marked ◊)		128-0173	1	Conventional Truck
	338-2835	1	Conventional Truck		128-0207	1	Cab Over Engine
	338-3013	1	Cab Over Engine	43			~Hose Assy, Refrigerant (#6 STRT)
			◊Harness Assembly, Wire - Standard (From Control Panel to Power Unit)		327-1152	1	Conventional Truck
	338-3121-01	1	Conventional Truck		327-1173	1	Cab Over Engine
	338-3121-02	1	Cab Over Engine	44	327-1150	1	~Fitting, 90° (O-Ring) (#6)
	338-3119	1	◊Harness Assy, Wire (From Control Panel to Evaporator)	45			~Hose Assy, Refrigerant (#10 STRT)
					327-1151	1	Conventional Truck
					327-1174	1	Cab Over Engine
22	327-1169	1	@Module, Control - Electronic	46	327-1149	1	~Fitting, 90° (O-Ring) (#10)
23	323-1650	1	@Connector, 3 Way - Metri Pack	47	128-0230	1	~Cap, Port - Service
24	323-1551	1	@Connector, Plug (6 Pin)	48	159-1304	1	*Kit, Accessory - Fuel (Includes Parts Marked &)
				49	503-0685	4	&Clamp, Hose
				50	503-1877	1	&Hose, Fuel (22 Ft.)
				51	898-1303	1	&Sleeving, Convuluted

* - Parts included in Accessory Kit.

- Parts included in Side Rail Mount Kit.

^ - Parts included in Exhaust Kit.

@ - Parts included in Control Assembly Kit.

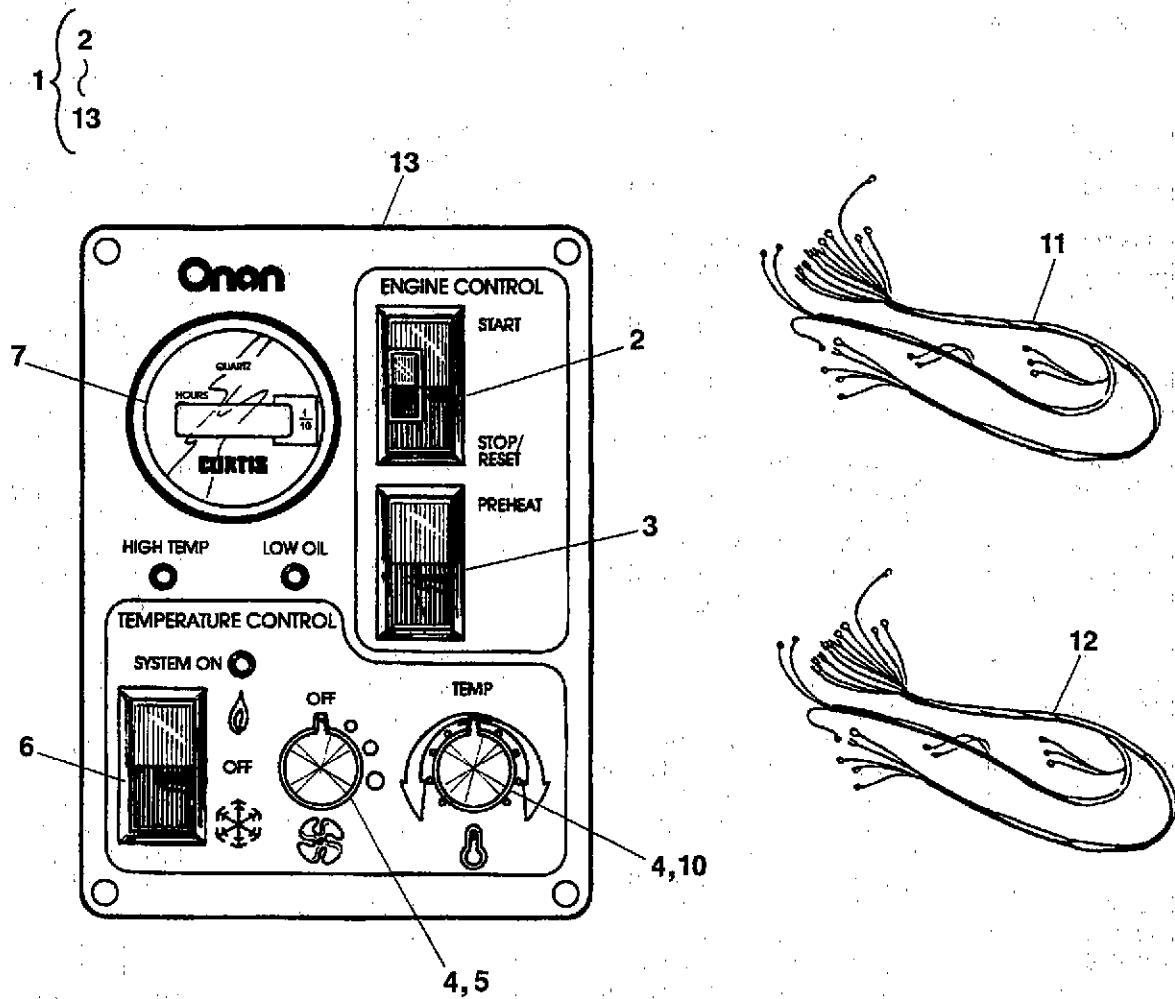
◊ - Parts included in Standard Wire Harness Assembly.

+ - Parts included in Coolant Accessory Kit.

~ - Parts included in Refrigerant Hose Assembly Kit.

& - Parts included in Fuel Accessory Kit.

Control Panel

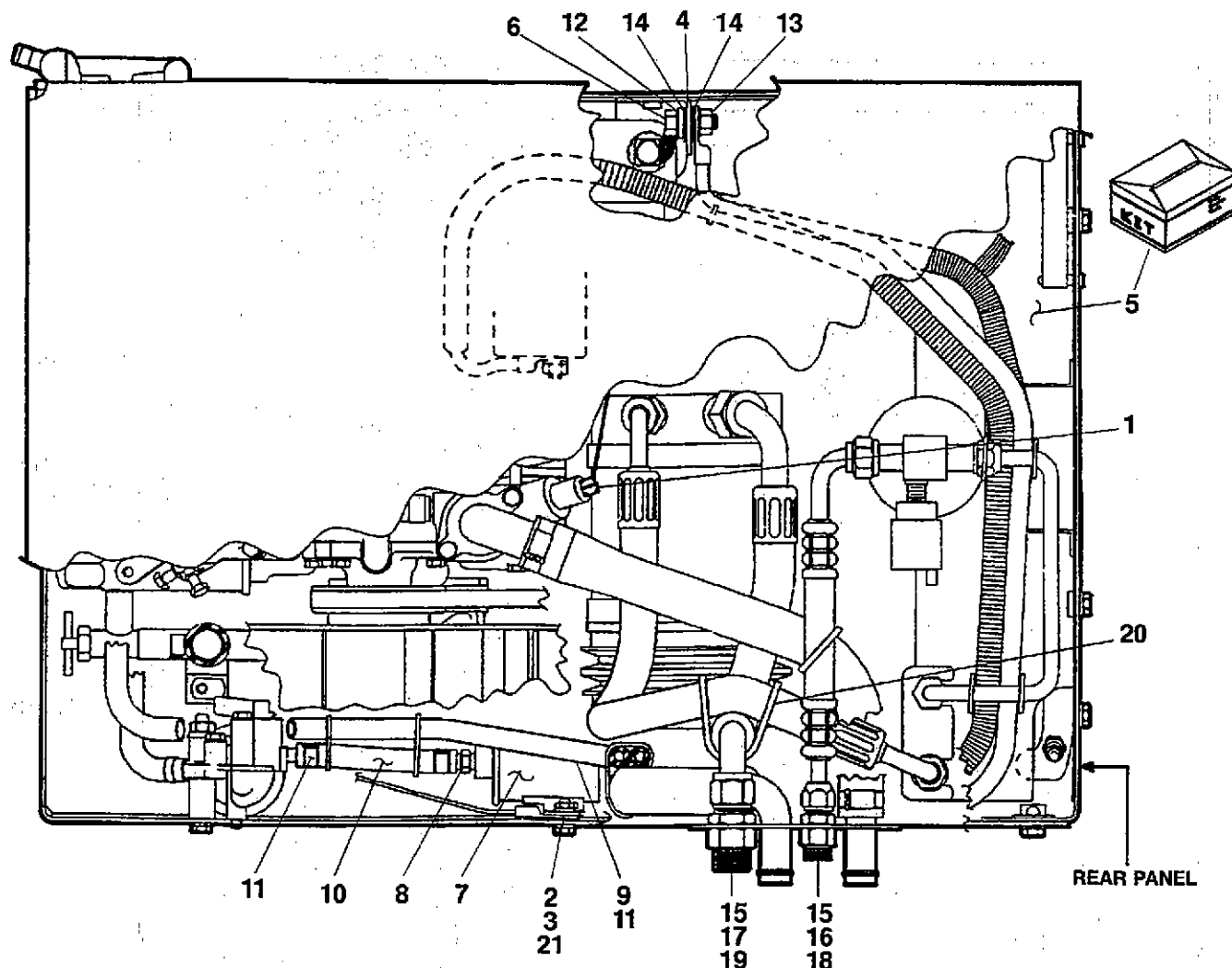


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	300-4289	1	Panel Assembly, Control (Includes Parts Marked *)
2	327-1165	1	*Switch, Start/Stop
3	327-1163	1	*Switch, Momentary Rocker - SPST
4	327-1164	2	*Knob, Control
5	327-1166	1	*Switch, Fan - 3 Speed
6	327-1160	1	*Switch, Rocker - DPDT
7	327-1167	1	*Hourmeter
8	327-1162	1	*Diode (On Reverse Side) (Not Shown)
9	327-1161	1	*PC Board Assembly, LED (Not Shown)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
10	303-0317	1	*Rheostat (Located Behind Control Knob)
11	327-1156	1	*Harness Assembly, Wire (From Control Panel to Temperature Controls)
12	327-1157	1	*Harness Assembly, Wire (From Control Panel to Engine Controls)
13	327-1158	1	*Label, Stand Alone

* - Parts included in Control Panel Assembly.

Top View (Spec 2A) (R-134a)

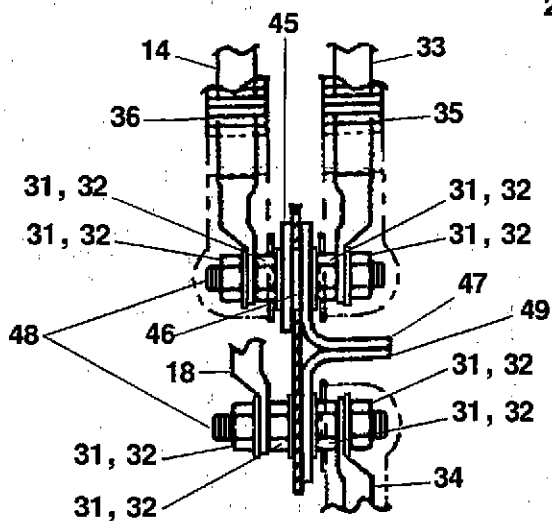
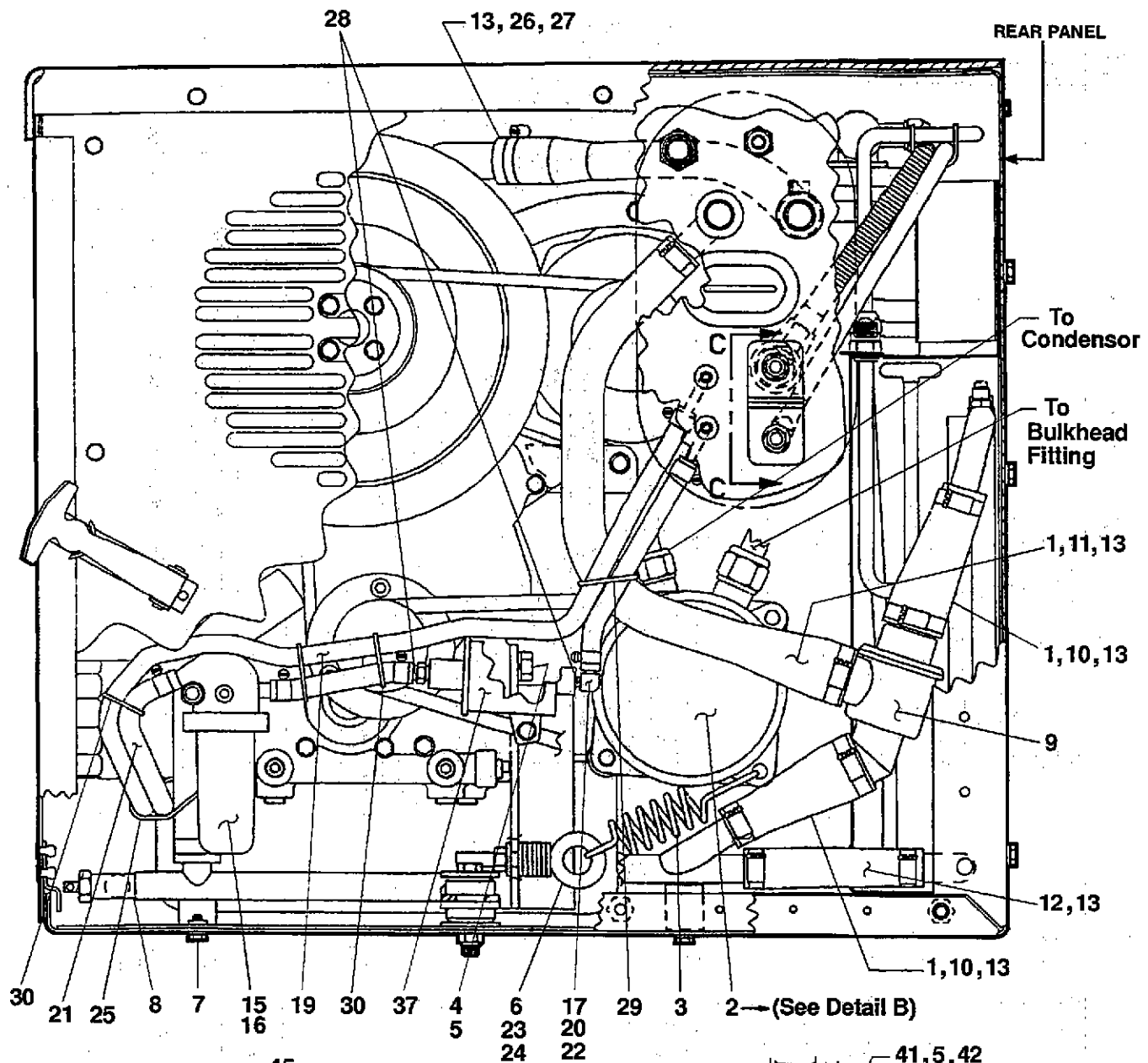


REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	309-0437	1	Thermostat, HETCO	7	149-2384	1	Pump, Fuel - Electric
2	870-2054	3	Nut, Lock - Flange (M6 x 1)	8	502-0582	1	Hose, Connector (1/8 NPT x 5/16 ID Hose)
3	821-2032	3	Screw, Locking - Hex Flange (M6 x 1 x 12mm)	9	503-1418	1	Hose, Fuel (1/4 ID x 1/2 OD) (3.4')
4	403-3283-01	1	Angle, Mounting - Engine	10	503-1837	1	Hose, Fuel (.56 OD x .31 ID)
5	128-0213	1	Kit, Condenser/Radiator (Includes Parts Marked *)	11	503-0685	4	Clamp, Hose (7/32 Min 5/8 Max)
	128-0185	1	*Hose Assy, Refrigerant - #6 (O-Ring #6 Included)	12	337-2312	1	Strap, Bond
	509-0310	1		13	862-0003	1	Nut, Hex (3/8-16)
	128-0182	1	*Hose Assy, Refrigerant - #8 (O-Ring #8 Included)	14	856-0010	2	Washer, Lock - EIT (3/8")
	509-0312	1		15	524-0713	1	Oil, Refrigerant (R134a) (.01 OZ)
	128-0183	1	*Hose Assy, Refrig. - #10 (O-Ring #10 Included)	16	505-1469	1	Union, Bulkhead (#8)
	509-0311	1		17	505-1470	1	Union, Bulkhead (#10)
	128-0214	1	*Condenser/Radiator Assy (Includes Parts Marked +)	18	868-0007	1	Nut, Jam - Hex (5/8-18)
	128-0228	1	+Core Assembly, Condenser/Radiator	19	868-0013	1	Nut, Jam - Hex (7/8-14)
	128-0227	1	+Receiver/Drier	20	332-2262	2	Tie, Cable
	128-0241	1	+Tube Assembly	21	856-0006	1	Washer, Lock - EIT (1/4")
	308-1012	1	+Switch, Pressure - Binary				
6	821-0030	1	Screw, Locking - Hex Flange (3/8-16 x 1")				

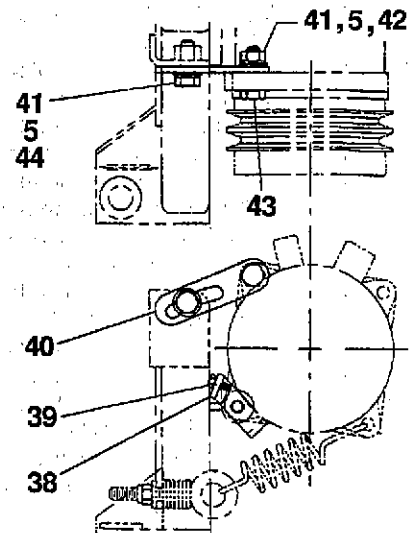
* - Parts included in Condenser/Radiator Kit.

+ - Parts included in Condenser/Radiator Assembly.

Right Side View (Spec 2A) (R-134a)



SECTION C - C

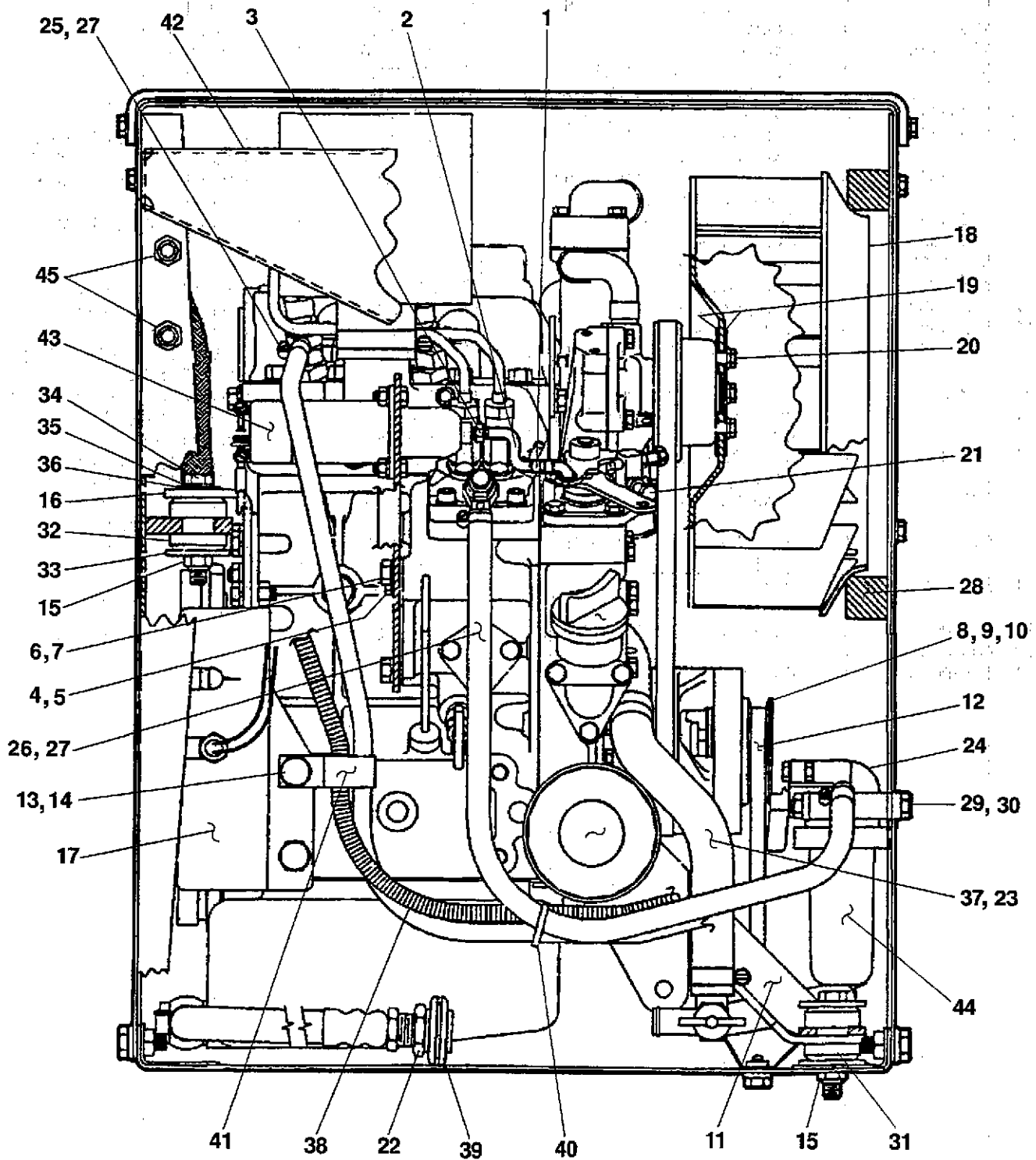


DETAIL B

Right Side View (Spec 2A) (R-134a)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	503-0429	3	Clamp, Hose (1 1/16 - 2" Dia)	25	332-1389	1	Tie, Cable (14")
2	128-0217	1	Compressor, AC	26	503-0189	1	Clamp, Hose
3	128-0184	1	Spring	27	503-1913	1	Hose, Coolant
4	815-0585	1	Screw, Cap - Hex Head (M10 x 1.25 x 20mm)	28	518-0288	1	Loctite (Brown)
5	850-2010	2	Washer, Lock-Spring (M10)	29	332-0941	AR	Tie, Cable (7.31")
6	870-0453	1	Nut, Lock (3/8-16-2B Hex Nylon Insert)	30	332-0942	AR	Tie, Cable (3.62")
7	821-2032	5	Screw, Locking - Hex Flange (M6 x 1 x 12mm)	31	871-0025	8	Nut, Hex - Brass (5/16-18)
8	130-4085-01	1	Tube, Drain - Radiator	32	526-0054	8	Washer, Flat - Brass (5/16)
9	130-3985	1	Housing, Flow - Thermo	33	416-0998	1	Cable Assembly, Battery - (+) (14 Ft)
10	503-1866	3	Hose, Coolant	34	416-0999	1	Cable Assembly, Battery - (-) (14 Ft)
11	503-1914	1	Hose, Coolant	35	898-1302	1	Sleeving, Convolute
12	503-1839	1	Hose, Coolant (.41")	36	898-1309	1	Sleeving, Convolute
13	503-0382	5	Clamp, Hose	37	149-2384	1	Pump, Fuel - Electric
14	416-0997	1	Cable Assembly, Battery - (+) (3.5 Ft)	38	128-0210-02	1	Pin Assembly
15	149-2326	1	Filter Assembly, Fuel	39	815-0005	1	Screw, Locking - Hex Flange (#10-32 x 1/2")
16	149-2404	1	Filter, Fuel (Includes O-Ring)	40	403-3597-02	1	Bracket, Adjust - Compressor
17	502-0313	1	Elbow (1/8 NPT x 1/4 ID Hose)	41	526-0030	2	Washer, Flat (3/8)
18	416-0996	1	Cable Assembly, Battery - (-) (2.4 Ft)	42	860-2009	1	Nut, Hex (M10 x 1.5)
19	503-1418	1	Hose, Fuel (1/4 ID x 1/2 OD) (3.4')	43	800-2088	1	Screw, Cap - Hex Head (M10 x 1.5 x 35mm)
20	503-1418	1	Hose, Fuel (1/4 ID x 1/2 OD) (.54')	44	800-2087	1	Screw, Cap - Hex Head (M10 x 1.5 x 30mm)
21	503-1837	1	Hose, Fuel (.56 OD x .31 ID) (1.2')	45	508-0328	1	Washer, Insulation
22	503-0685	2	Clamp, Hose (7/32 Min 5/8 Max)	46	508-0329	1	Washer, Insulation
23	403-3457	1	Eyebolt (3/8")	47	370-1137-01	1	Angle, Insulation (Red)
24	526-0014	7	Washer, Flat (7/16)	48	332-3286	2	Stud, Terminal
				49	370-1137-02	1	Angle, Insulation (Black)

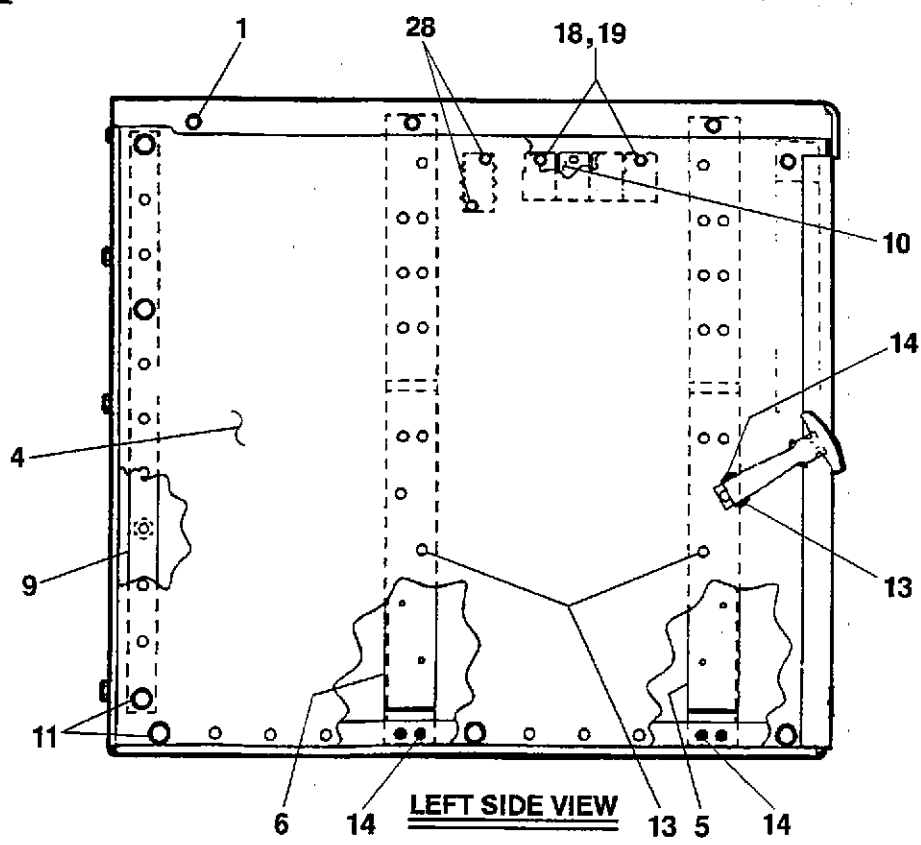
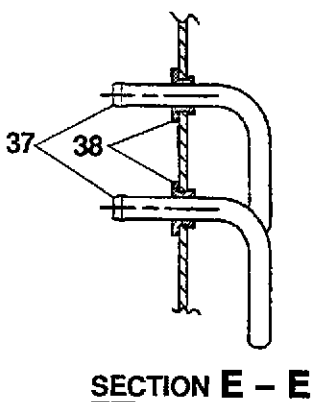
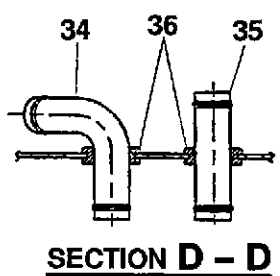
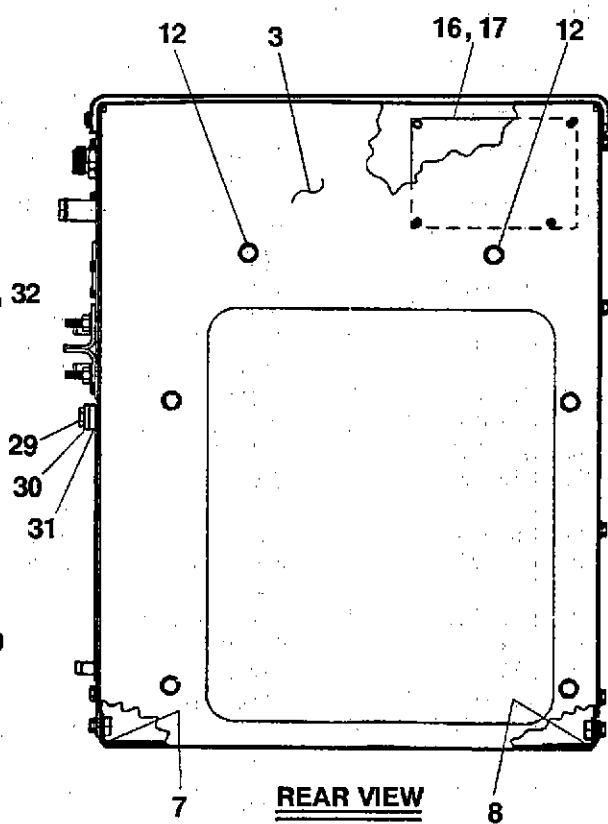
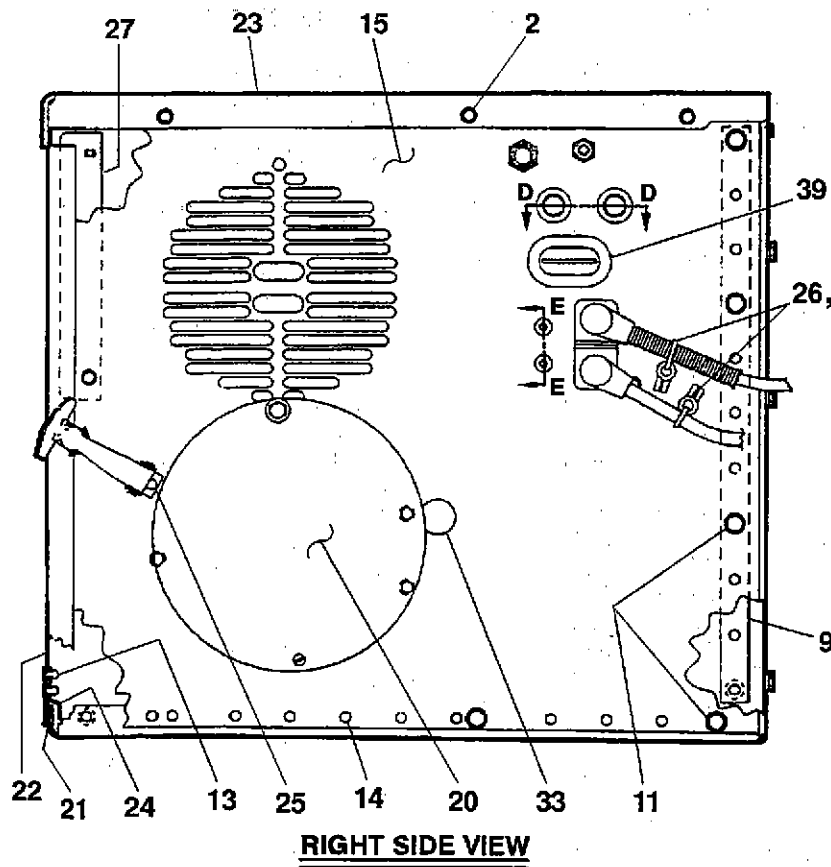
Front View (Spec 2A) (R-134a)



Front View (Spec 2A) (R-134a)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	306-3912	1	Clip, End - Rod	24	149-2326	1	Filter Assembly, Fuel
2	306-3913-01	1	Rod, Solenoid - Stop	25	503-1418	1	Hose, Fuel (1/4 ID x 1/2 OD) (3.4')
3	115-0025	5	Nut, Tappet (1/4 - 28 Hard)	26	503-1837	1	Hose, Fuel (.56 OD x .31 ID) (1.2')
4	800-2033	1	Screw, Cap - Hex Head (M6 x 1 x 16mm)	27	503-0685	2	Clamp, Hose (7/23 Min 5/8 Max)
5	850-2006	1	Washer, Lock-Spring (M6)	28	128-0142	1	Seal, Fan
6	800-2056	2	Screw, Cap - Hex Head (M8 x 1.25 x 16mm)	29	800-0035	1	Screw, Cap - Hex Head (5/16 - 18 x 2-1/2")
7	850-2008	1	Washer, Lock-Spring (M8)	30	870-0257	1	Nut, Flange - Self-Locking (5/16-18)
8	512-0181-02	1	Pulley, Drive - Engine	31	402-0647-03	1	Mount, Isolation
9	802-2091	3	Screw, Cap - Socket Head (M8 x 1.25 x 20mm)	32	402-0647-02	2	Mount, Isolation
10	518-0186	AR	Loctite (Red)	33	526-0014	4	Washer, Flat (7/16)
11	403-3254-02	1	Bracket, Mounting - Front	34	800-0055	3	Screw, Cap - Hex Head (3/8-16 x 2-1/4")
12	511-0181	1	Belt, V - Compressor	35	337-2312	1	Strap, Bond
13	815-0585	5	Screw, Cap - Hex Head (M10 x 1.25 x 20mm)	36	856-0010	1	Washer, Lock - EIT (3/8")
14	850-2010	6	Washer, Lock-Spring (M10)	37	503-1839	1	Hose, Coolant (.71')
15	870-0453	2	Nut, Lock (3/8-16-2B Hex Nylon Insert)	38	338-2753	1	Harness, Auxiliary Power Unit
16	403-3258-01	1	Angle, Mounting	39	508-0309	1	Grommet (1" ID)
17	104-1833	1	Guard, Gear - Ring	40	332-0941	AR	Tie, Cable (7-5/16")
18	130-4277	1	Fan, Air	41	332-2634	1	Clip, "J"
19	130-4093-01	2	Plate, Retainer - Fan	42	403-3438	1	Brace
20	821-2033	4	Screw, Locking - Hex Flange (M6 x 1 x 16mm)	43	307-2789	1	Solenoid, Stop
21	718-1025	1	Screw, Cap - Hex Head (M6 x 1 x 40mm)	44	140-2404	1	Filter, Fuel (Includes O-Ring)
22	502-0876	1	Cap, Pipe (Brass 1/2" NPTF)	45			Breaker, Circuit
23	503-0382	2	Clamp, Hose		320-1801-01	1	10 Ampere
					320-1801-02	1	25 Ampere

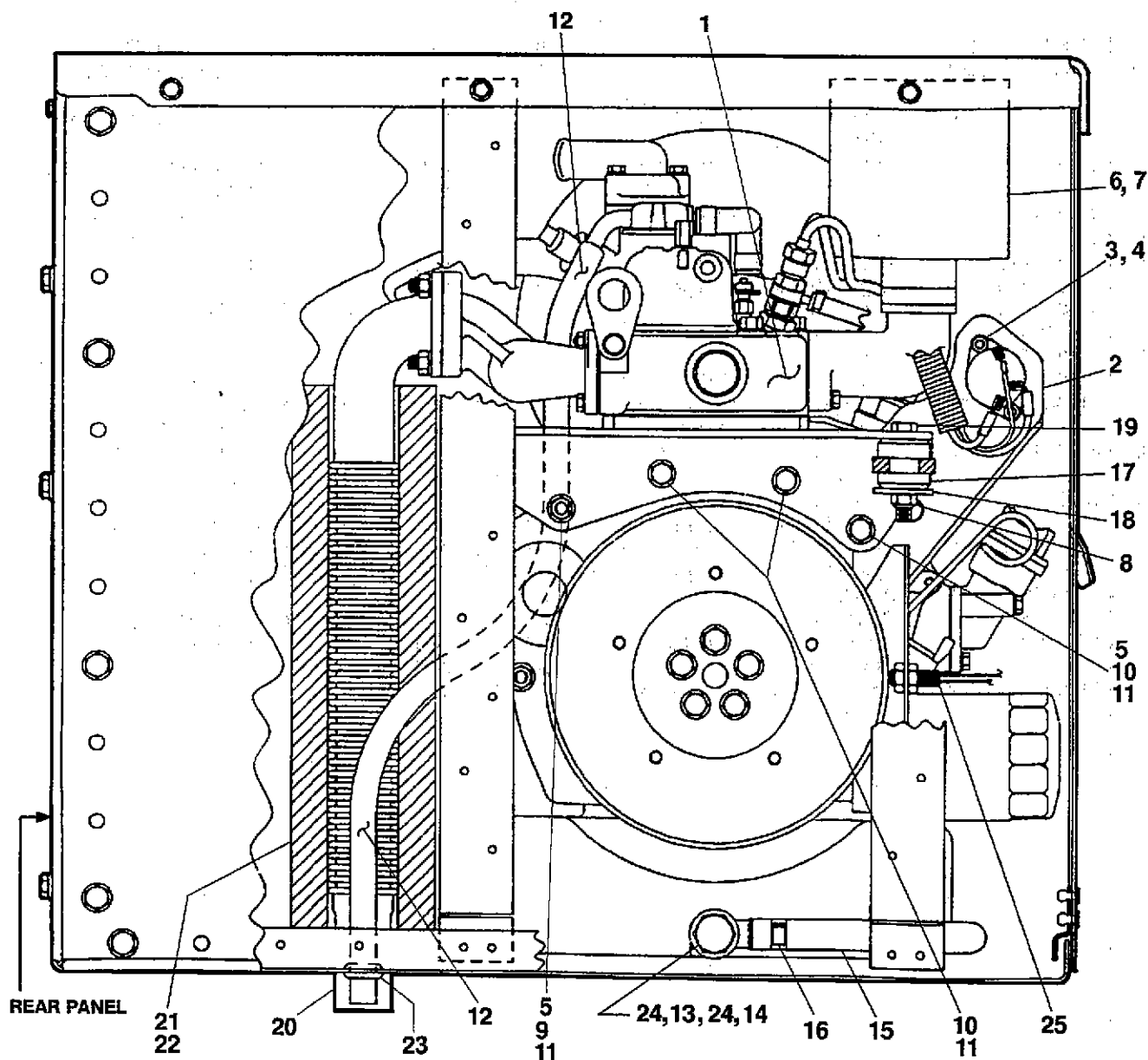
Cabinet Panels & Angles (Spec 2A) (R-134a)



Cabinet Panels & Angles (Spec 2A) (R-134a)

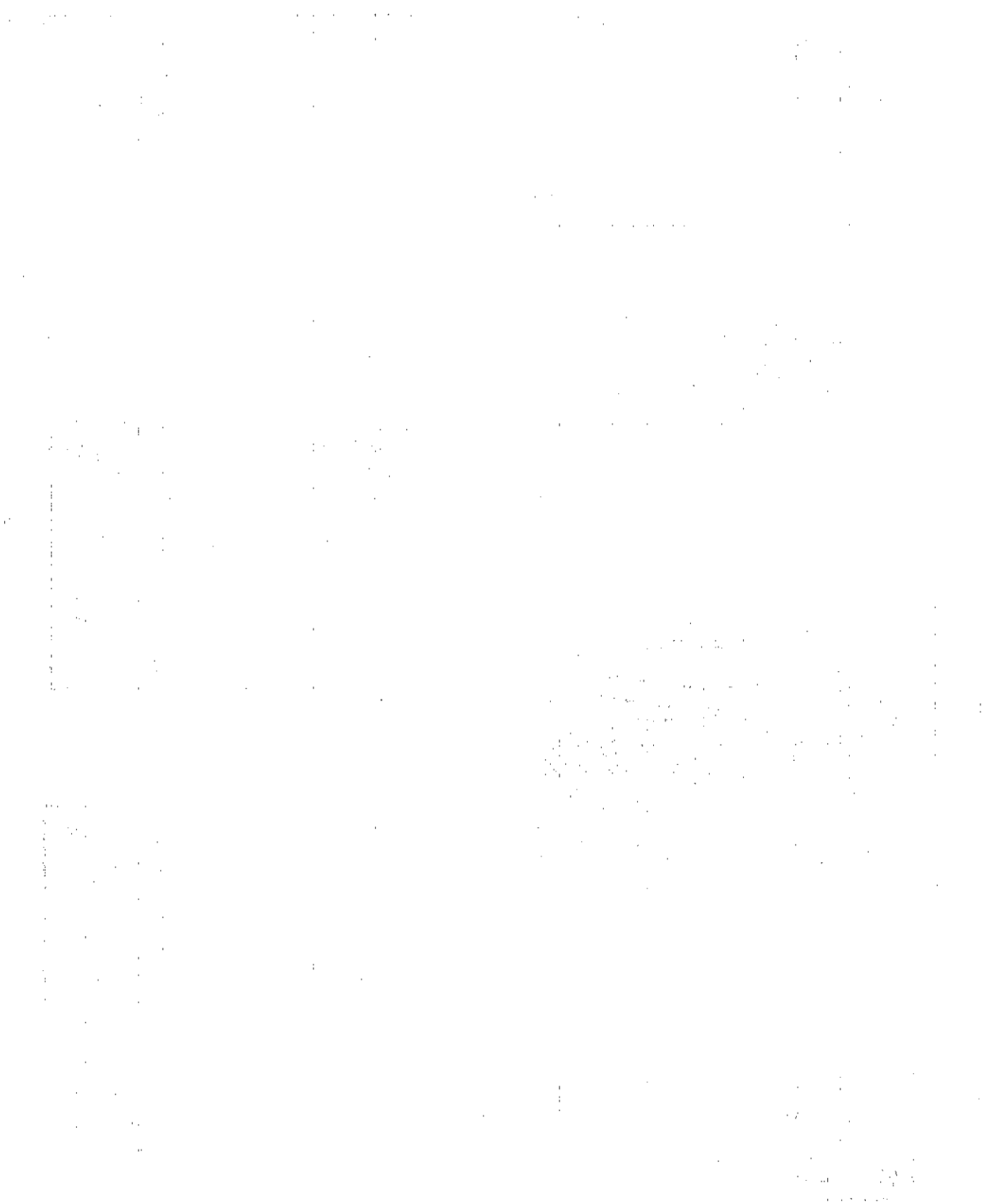
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	800-2033	6	Screw, Cap - Hex Head (M6 x 1 x 16mm)	19	870-0131	4	Nut, Hex - External Tooth (#10-32)
2	821-2032	5	Screw, Locking - Hex Flange (M6 x 1 x 12mm)	20	403-3422	1	Cover Assembly, Inlet - Fan
3	403-3617	1	Panel, Mounting - Set	21	895-0308	1	Tape, Polyurethane (15')
4	403-3624	1	Panel, Rear	22	403-3341	1	Panel, Cover - Left Side
5	403-3282-01	1	Angle, Mounting - Engine	23	403-3296	1	Panel, Cover - Top
6	403-3283-01	1	Angle, Mounting - Engine	24	403-3295	1	Angle
7	403-3289-01	1	Angle, Mounting - Set	25	406-0744	2	Latch
8	403-3290-01	1	Angle, Mounting - Set	26	332-0941	AR	Tie, Cable (7.31")
9	403-3315-01	2	Retainer	27	403-3438	1	Brace
10	307-2767	4	Relay, SPDT (12VDC)	28	821-0003	2	Screw, Flange Locking - Hex (#10-32 x 1")
11	821-0030	16	Screw, Flange Locking - Hex Head (3/8 - 16 unc x 1")	29	815-0473	1	Screw, Shoulder
12	821-2046	6	Screw, Hex Washer Head (M8 x 1-1/4 x 20mm)	30	526-0324	1	Washer, Steel (13/32 ID x 1 7/8 OD)
13	818-0217-02	66	Rivet, Self Plug - Strct (3/16 Dia 1/8-1/4 Grip)	31	508-1081	1	Washer, Rubber (9/32 ID x 1 3/4 OD)
14	818-0217-03	5	Rivet, Self Plug - Strct (3/16 Dia 1/4-3/8 Grip)	32	332-0211	1	Terminal #2, 3/8" Stud
15	403-3651	1	Panel, Front	33	517-0254	1	Plug, Hole
16	300-4065	1	PC Board Assembly	34	130-4283	1	Tube, Water - 90°
17	815-0680	4	Screw, Pan Head - External Tooth (#6-32 x 1")	35	130-4279	1	Tube, Water
18	821-0004	2	Screw, Flange Locking - Hex (#10-32 x 5/16")	36	508-0001	2	Grommet, Rubber
				37	159-1381	2	Tube, Fuel
				38	508-0298	2	Grommet
				39	508-0315	1	Grommet, Control - Harness

Left Side View (Spec 2A) (R-134a)

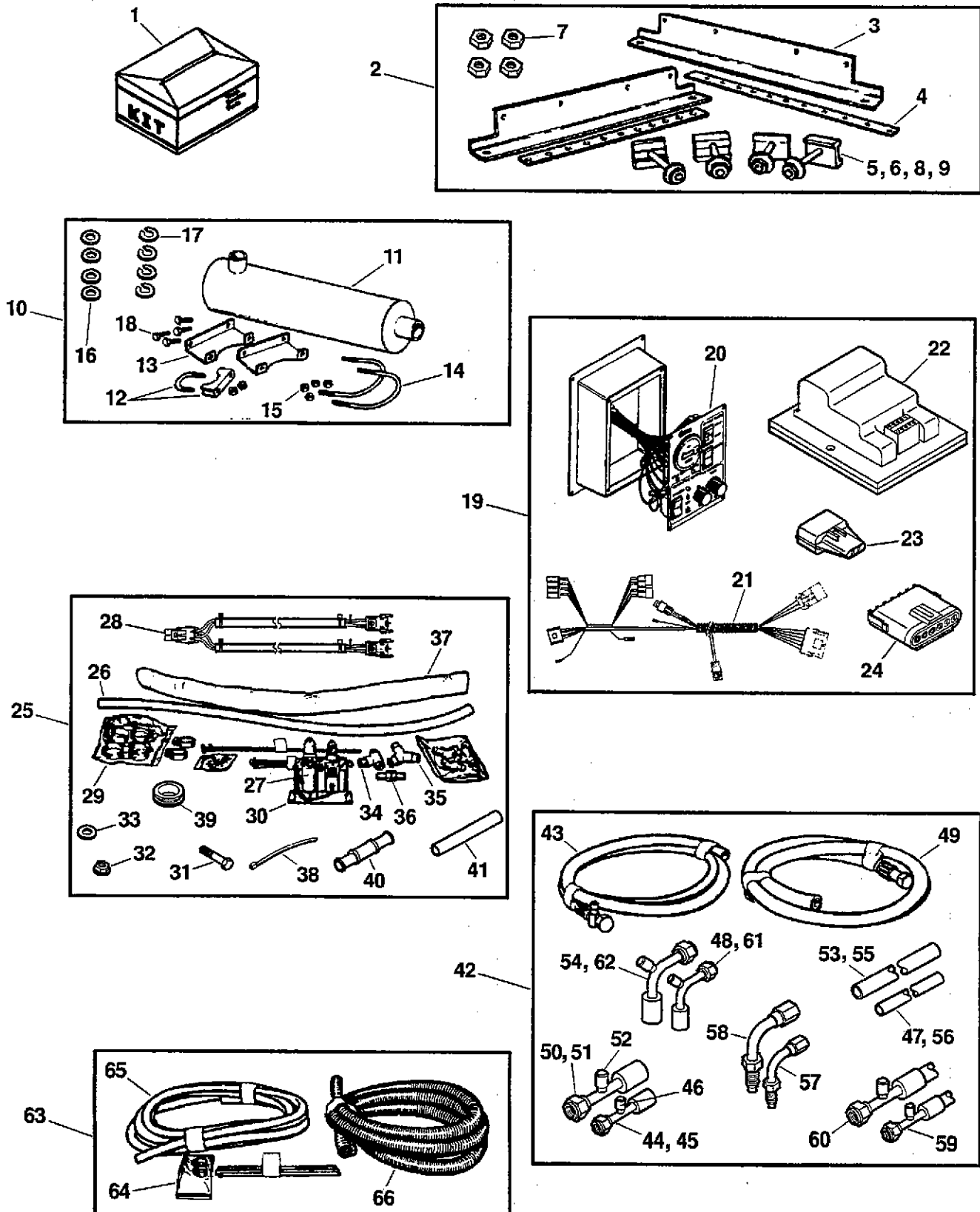


REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	100-3068	1	Engine	12	503-0276	1	Hose, Breather (2')
2	306-3978-01	1	Bracket, Mounting - Stop Solenoid	13	502-1121	1	Union, Banjo
3	800-2033	2	Screw, Cap - Hex Head (M6 x 1 x 16mm)	14	502-1122	1	Bolt, Banjo
4	870-2054	2	Nut, Lock - Flange (M6 x 1)	15	501-0604	1	Hose, Drain - Oil
5	850-2008	3	Washer, Lock-Spring (M8)	16	503-0976	1	Clamp, Hose
6	140-2667	1	Filter, Air	17	402-0647-02	2	Mount, Insulation
7	503-0429	1	Clamp, Hose (1-1/16 - 2" Dia.)	18	526-0014	2	Washer, Flat (7/16")
8	870-0453	2	Nut, Lock (3/8-16-2B Hex Nylon Insert)	19	800-0055	2	Screw, Cap - Hex Head (3/8-16 x 2-1/4")
9	800-2059	1	Screw, Cap - Hex Head (M8 x 1.25 x 30mm)	20	155-2611	1	Exhaust Pipe Assembly
10	800-2057	3	Screw, Cap - Hex Head (M8 x 1.25 x 20mm)	21	155-2612	1	Insulation, Exhaust
11	860-2008	2	Nut, Hex (M8 x 1.25)	22	332-1389	1	Tie, Cable (14")
				23	508-0094	1	Grommet (7/16" ID)
				24	526-0403	2	Washer, Copper
				25	150-2521	1	Magneto, Sensor - Speed

Figure 10-10 Example of a typical 1000-hr test



**Accessory Kits (Spec 2A) (R-134a)
(Conventional Truck) & (Cab Over Engine)**



Accessory Kits (Spec 2A) (R-134a) **(Conventional Truck) & (Cab Over Engine)**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Kit, Accessory (Includes Parts Marked *)	31	800-0007	8	+Bolt (1/4-20 x 1")
	542-3903	1	Conventional Truck	32	870-0065	8	+Nut, Lock (1/4-20)
	542-3904	1	Cab Over Engine	33	526-0016	8	+Washer, Flat (1/4)
2	405-4431	1	*Kit, Mount - Side Rail (Includes Parts Marked #)	34	502-1195	3	+Fitting, Hose (Tee)
3	403-3342	2	#Angle, Mounting - Set	35	502-1196	3	+Fitting, Hose (Wye)
4	403-3316	2	#Spacer, Mounting - Housing	36	504-0181	1	+Valve, Check - Water
5	406-0738	4	#Catch, Mounting - Set	37			+Insulation, Line - Fuel
6	800-0145	4	#Screw, Cap - Hex Head (5/8-11 x 5-1/2")		149-2415	1	Conventional Truck
7	870-0491	4	#Nut, Locking - Hex (5/8-11)		149-2443	1	Cab Over Engine
8	526-0112	4	#Washer, Flat (11/16 ID x 1-3/8 OD)	38	332-1389	50	+Tie, Cable
9	526-0404	8	#Washer, Flat	39	508-0309	2	+Grommet
10	155-2614	1	*Kit, Exhaust (Includes Parts Marked ^)	40	502-1203	2	+Splice, Hose (3/4"-5/8")
11	155-1258	1	^Muffler, Arrestor - Spark	41	503-1904	1	+Hose, Coolant (18")
12	155-1239	1	^Clamp, Muffler (1-5/8" Dia)	42			*Kit, Hose Assy - Refrigerant
13	155-2613-01	2	^Bracket, Mounting - Exhaust		128-0216	1	Conventional Truck (Includes Parts Marked ~)
14	155-2630	2	^U-Bolt		128-0215	1	Cab Over Engine (Includes Parts Marked >)
15	860-2007	4	^Nut (M6 x 1)	43	327-1178	1	~Hose Assy, Refrigerant (#6 STRT) (Includes Parts Marked <)
16	526-0018	4	^Washer, Flat (17/64 ID x 5/8 OD)	44	128-0223	1	<Fitting, (#6 STRT)
17	850-2006	4	^Washer, Lock - Spring (M6)	45	509-0310	1	<O-Ring, (#6)
18	821-0018	4	^Screw, Locking - Hex Flange (1/4-20 x 5/8")	46	128-0220	1	<Cap, Port - Service (16mm)
19			*Kit, Control Assembly (Includes Parts Marked @)	47	128-0221	1	<Hose, Refrig. (SAE #6) (5/16" ID) (25 Ft.)
	300-4213	1	Conventional Truck	48	327-1150	1	~Fitting, 90° (O-Ring) (#6)
	300-4360	1	Cab Over Engine	49	327-1177	1	~Hose Assy, Refrigerant (#10 Strt) (Includes Parts Marked •)
20	300-4289	1	@Panel Assembly, Control (See Control Panel Pg. 50)	50	128-0224	1	•Fitting, Hose - End (#10 STRT) (7/8-14 Thd)
21			@Harness Assembly, Wire - Standard (Includes Parts Marked ◊)	51	509-0311	1	•O-Ring, (#10)
	338-2835	1	Conventional Truck	52	128-0219	1	•Cap, Port - Service (13mm)
	338-3013	1	Cab Over Engine	53	128-0222	1	•Hose, Refrig. (SAE #10)
			◊Harness Assembly, Wire - Standard (From Control Panel to Power Unit)	54	327-1149	1	~Fitting, 90° (O-Ring) (#10)
	338-3121-01	1	Conventional Truck	55	128-0222	1	>Hose, Refrig. (SAE #10) (1/2" ID) (25 Ft.)
	338-3121-02	1	Cab Over Engine	56	128-0221	1	>Hose, Refrig. (SAE #6) (5/16" ID) (25 Ft.)
	338-3119	1	◊Harness Assy, Wire (From Control Panel to Evaporator)	57	128-0225	1	>Fitting, 90° (O-Ring) (#6)
22	327-1169	1	@Module, Control - Electronic	58	128-0226	1	>Fitting, 90° (O-Ring) (#10)
23	323-1650	1	@Connector, 3 Way - Metri Pack	59	128-0223	1	>Fitting, STRT(O-Ring)(#6)
24	323-1551	1	@Connector, Plug (6 Pin)	60	128-0224	1	>Fitting, End - Hose (#10 STRT) (7/8-14 Thd)
25			*Kit, Accessory - Coolant (Includes Parts Marked +)	61	327-1150	1	>Fitting, 90° (O-Ring) (#6)
	130-3988	1	Conventional Truck	62	327-1149	1	>Fitting, 90° (O-Ring) (#10)
	130-4274	1	Cab Over Engine	63	159-1304	1	*Kit, Accessory - Fuel (Includes Parts Marked &)
26			+Hose, Coolant	64	503-0685	4	&Clamp, Hose
	503-1881	1	Conventional Truck (40 Ft)	65	503-1877	1	&Hose, Fuel (22 Ft.)
	503-1905	1	Cab Over Engine (60 Ft)	66	898-1303	1	&Sleeving, Convuluted
27	309-0633	2	+Valve, Solenoid				
28	338-2858	1	+Harness Assembly, Wire				
29	503-0382	44	+Clamp, Hose				
30	130-4132-01	1	+Bracket, Support - Valve				

* - Parts included in Accessory Kit.

- Parts included in Side Rail Mount Kit.

^ - Parts included in Exhaust Kit.

@ - Parts included in Control Assembly Kit.

◊ - Parts included in Standard Wire Harness Assembly.

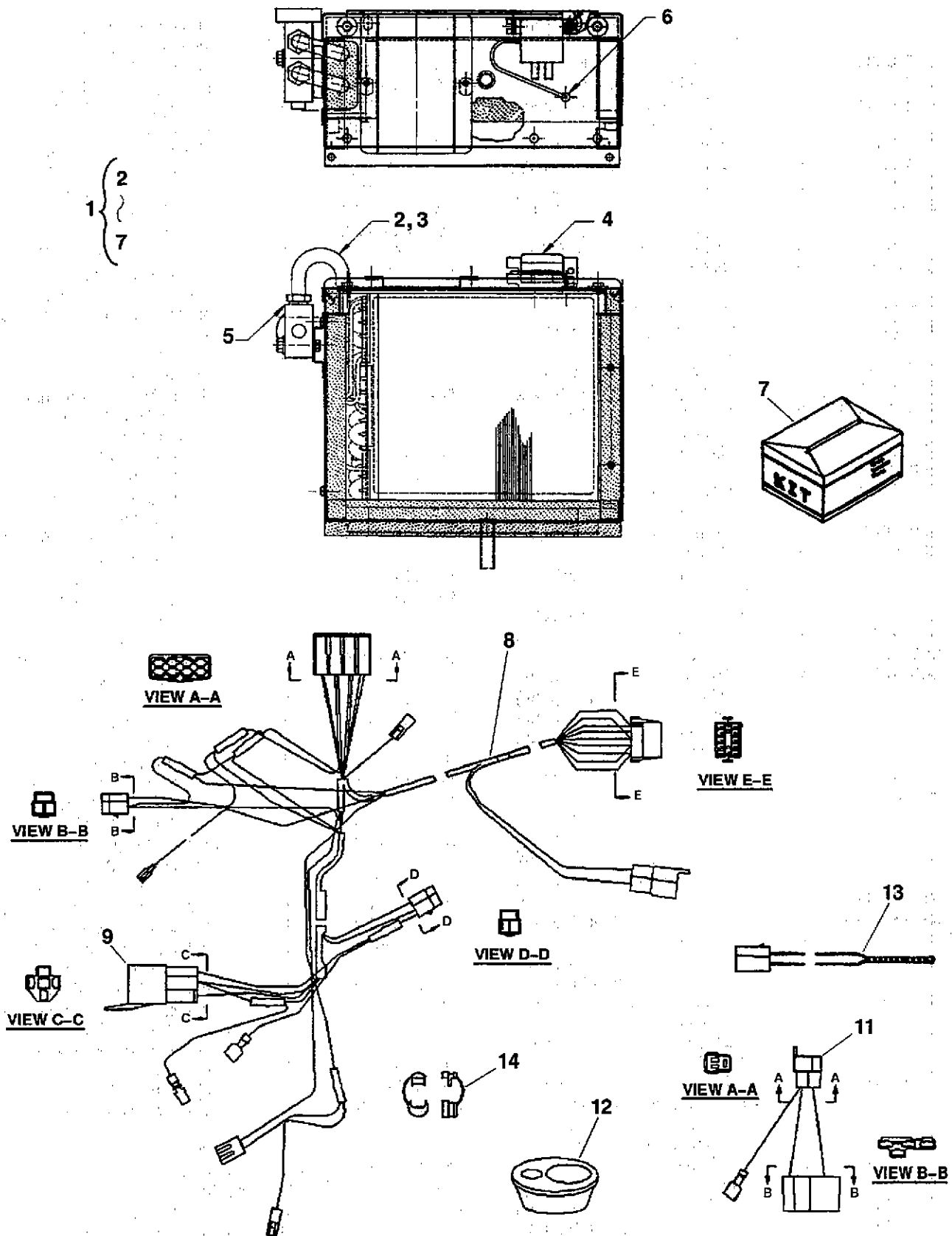
+ - Parts included in Coolant Accessory Kit.

~ - Parts included in Con. Truck Refrigerant Hose Assy Kit.

> - Parts included in C.O.E. Refrigerant Hose Assy Kit.

& - Parts included in Fuel Accessory Kit.

Evaporator Kit (Spec 1A & 2A) **(Red Dot/Bergstrom)**

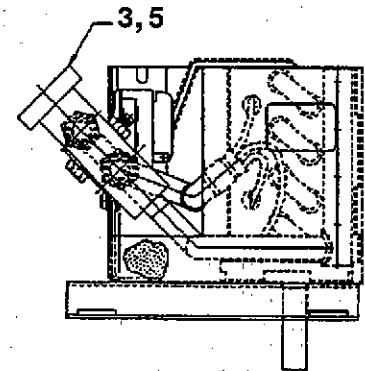
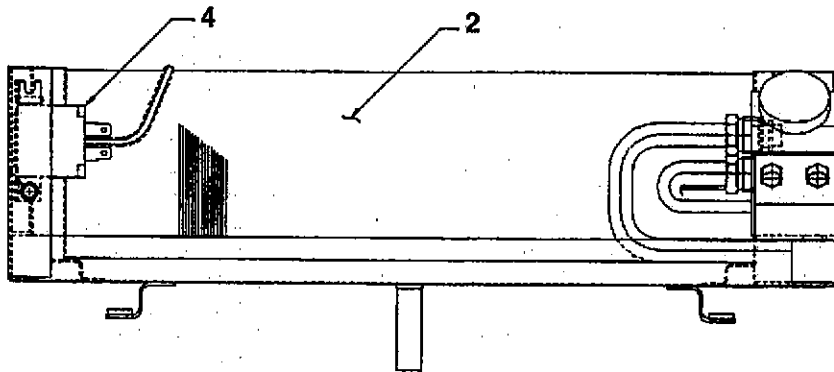


Evaporator Kit (Spec 1A & 2A) **(Red Dot/Bergstrom)**

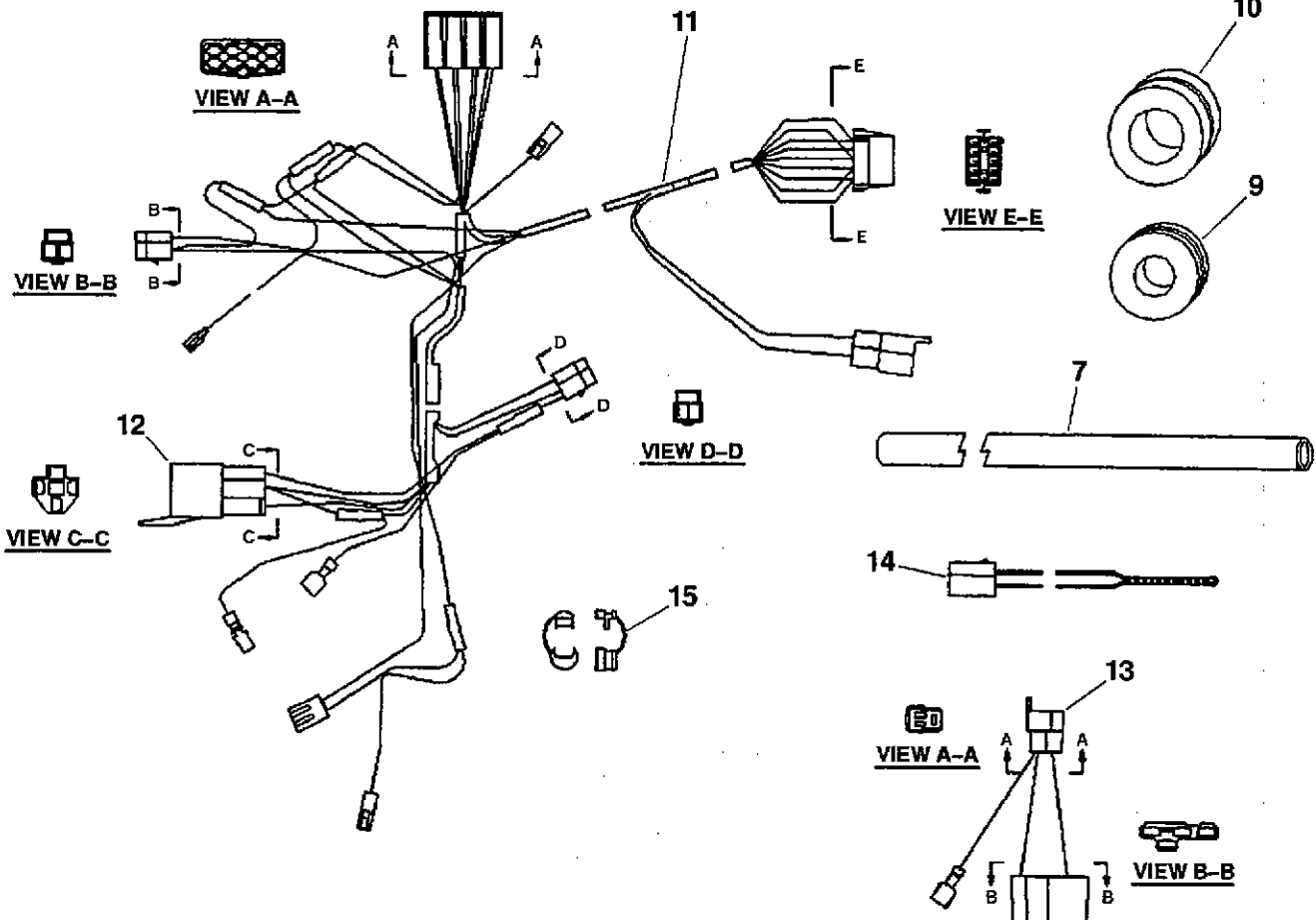
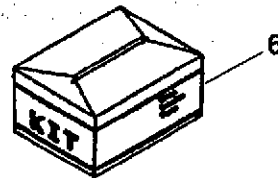
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	128-0231	1	Kit, Evaporator - Red Dot/Bergstrom Fits exiting Red Dot and Bergstrom sleeper systems. Generally found in Ford, Kenworth, Peterbuilt, Mack, and some Freightliner models. (Includes Parts Marked *)	8	327-1155	1	~Harness Assembly, Wire (Includes Parts Marked >)
2	128-0234	1	*Evaporator Assembly	9	307-1886	1	>Relay, SPDT
3	509-0312	2	*O-Ring (#8)	10	539-1579	1	~Template, Mounting (Not Shown)
4	327-1159	1	*Thermostat	11	338-3118	1	~Wire Assembly, Adapter
5	128-0229	1	*Valve, Expansion	12	508-1099	1	~Grommet
6	508-1098	1	*Grommet	13	327-1154	1	~Thermistor Assembly
7	128-0235	1	*Kit, Installation (Includes Parts Marked ~)	14	332-3345	1	~Retainer, Wire
				15	539-1575	1	~Template, Mounting - Piggyback (Not Shown)
				16	539-1576	1	~Template, Mounting - Piggyback (Not Shown)

* - Parts included in Red Dot/Bergstrom Evaporator Kit.
~ - Parts included in Installation Kit.
> - Parts included in Wire Harness Assembly.

Evaporator Kit (Spec 1A & 2A) **(Behr)**



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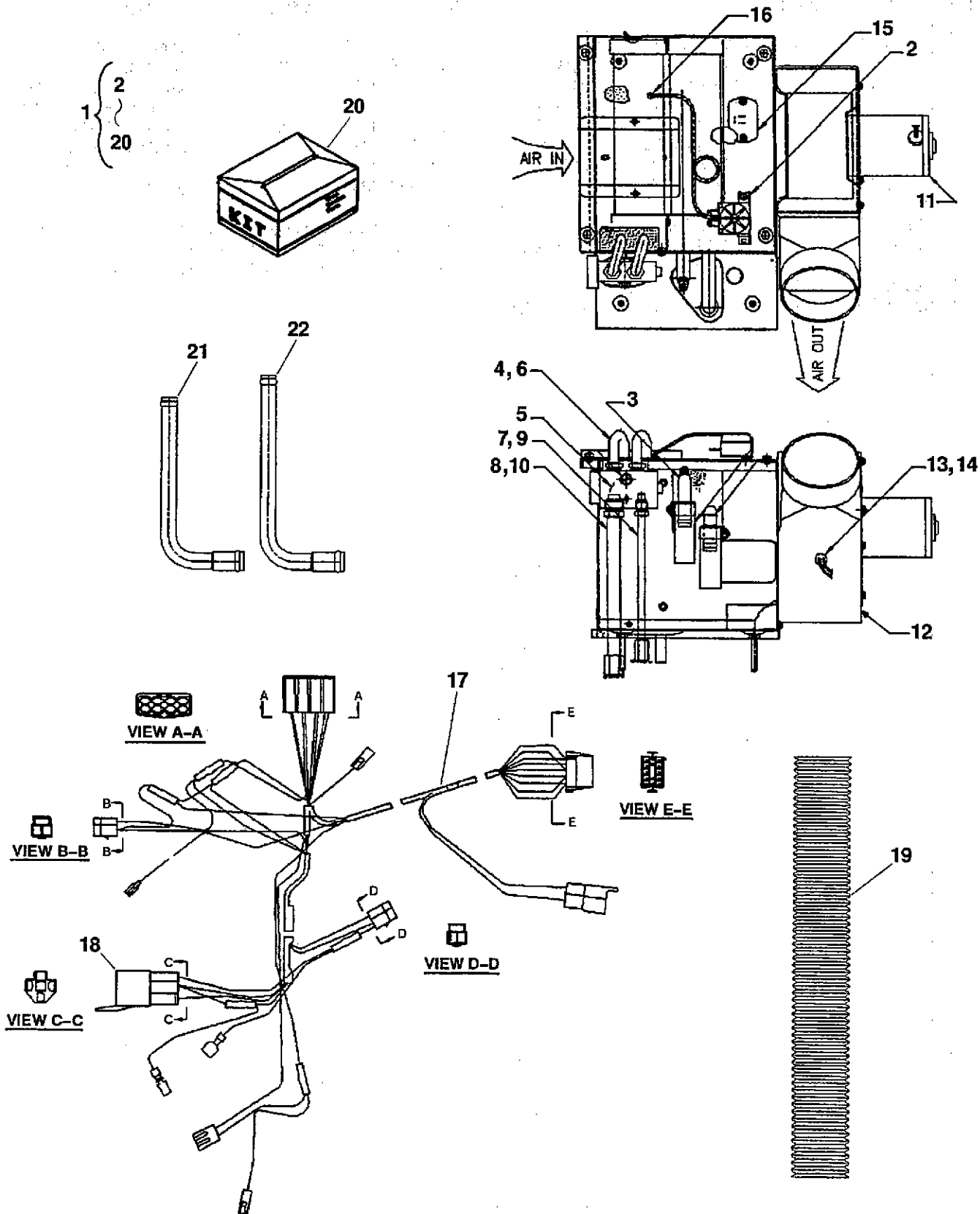


Evaporator Kit (Spec 1A & 2A) **(Behr)**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	128-0232	1	Kit, Evaporator - Behr	9	508-1100	3	+Grommet, #6
			Fits exiting Behr sleeper	10	508-0004	3	+Grommet, #10
			systems. Generally found in	11	327-1155	1	+Harness Assembly, Wire
			Volvo and some Freightliner				(Includes Parts Marked ^)
			models.	12	307-1886	1	^Relay, SPDT
			(Included Parts Marked @)	13	338-3118	1	+Wire Assembly, Adapter
2	128-0236	1	@Evaporator Assembly	14	327-1154	1	+Thermistor Assembly
3	128-0229	1	@Valve, Expansion	15	332-3345	1	+Retainer, Wire
4	327-1159	1	@Thermostat				
5	509-0312	2	@O-Ring (#8)				
6	128-0242	1	@Kit, Installation (Includes				
			Parts Marked +)				
7	128-0243	1	+Tube, Drain				
8	539-1578	1	+Template, Mounting (Not				
			Shown)				

@ - Parts included in Behr Evaporator Kit.
+ - Parts included in Installation Kit.
^ - Parts included in Wire Harness Assembly.

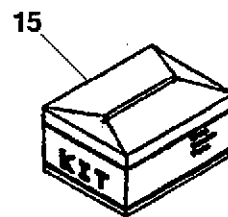
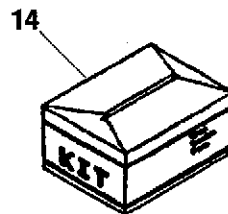
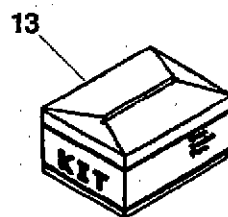
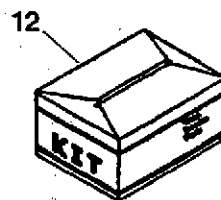
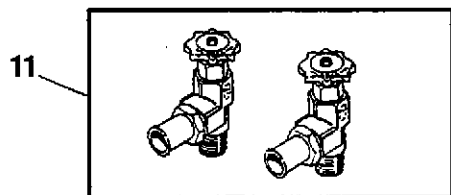
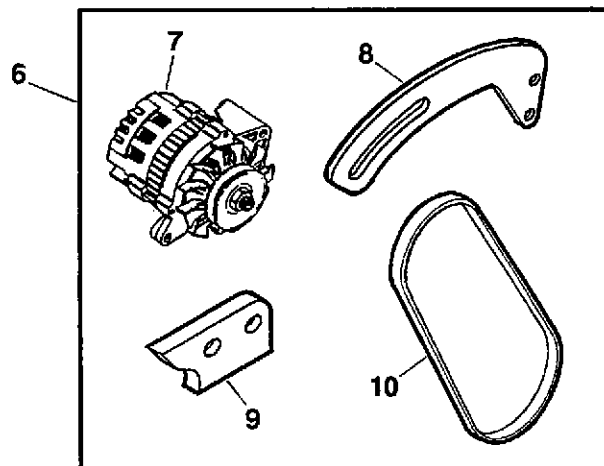
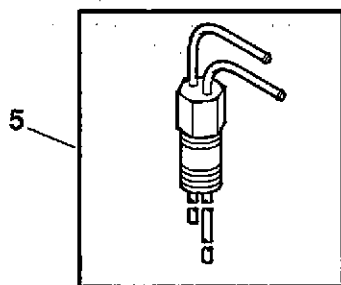
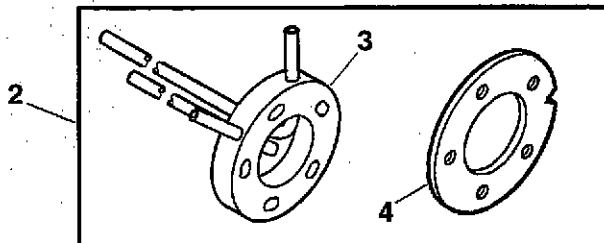
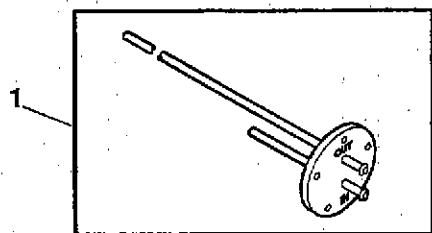
Evaporator Kit (Spec 1A & 2A) (Sleeper Heater Stand Alone)



Evaporator Kit (Spec 1A & 2A) **(Sleeper Heater Stand Alone)**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	128-0233	1	Kit, Evaporator - Sleeper Heater Standalone	13	327-1154	1	^Thermistor Assembly
			Complete evaporator, heater, and fan unit. Designed for tractors that do not have an existing system in the system.	14	332-3345	1	^Retainer, Wire
			(Includes Parts Marked ^)	15	304-0827	1	^Resistor
2	327-1159	1	^Thermostat	16	508-1098	1	^Grommet
3	130-4312	1	^Core Assembly, Heater	17	327-1155	1	^Harness Assembly, Wire (Includes Parts Marked +)
4	128-0234	1	^Evaporator Assembly	18	307-1886	1	+Relay, SPDT
5	128-0229	1	^Valve, Expansion	19	128-0244	1	^Hose, Defrost - 4" Dia.
6	509-0312	2	^O-Ring (#8)	20	128-0239	1	^Kit, Installation (Includes Parts Marked *)
7	509-0310	1	^O-Ring (#6)	21	130-4311-01	1	*Tube, Inlet & Outlet - 5/8-3/4
8	128-0238	1	^Tube Assembly, Outlet - #10 Refrigerant	22	130-4311-02	1	*Tube, Inlet & Outlet - 5/8-3/4
9	128-0237	1	^Tube Assembly, Inlet - #6 Refrigerant	23	539-1579	1	*Template, Mounting (Not Shown)
10	509-0311	1	^O-Ring (#10)	^ - Parts included in Sleeper Heater Standalone Evaporator Kit.			
11	327-1170	1	^Blower Assembly, Motor	+ - Parts included in Wire Harness Assembly.			
12	128-0240	1	^Housing Assy, Blower	* - Parts included in Installation Kit.			

Installation Kits (Spec 1A & 2A) (Optional)



Installation Kits (Spec 1A & 2A) (Optional)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	149-2376-02	1	Tube Assembly, Fuel ACS (Designed for fuel tank sender ports which are not in use.)	13	322-0450	1	Kit, Bezel (Includes Parts Marked ◊)
2	149-2419	1	Kit, Access - Fuel (Designed for fuel tank sender ports which are in use.) (Includes Parts Marked ✱)		319-2155	1	◊Bezel, Control
					870-0527	4	◊Nut, Expand - Plastic
					815-0830	4	◊Screw, Truss Head - Phillip (1/2")
					815-0841	4	◊Screw, Truss Head - Phillip (3/4")
3	149-2417	1	✱Tube Assembly, Fuel ACS	14	149-2454	1	Kit, Mounting - Standpipe (Includes Parts Marked #)
4	149-2420	2	✱Gasket, Access - Fuel		149-2453	1	#Plate, Backup (Templ)
	526-0352	5	✱Washer, Flat		149-2420	1	#Gasket, Access - Fuel
	813-0108	5	✱Screw, Machine - Round Head (10-32 x 1-1/2")		526-0412	5	#Washer, Flat
5	159-1358-02	1	Pickup Assembly, Fuel (Designed for fuel tanks which contain an unused 1/2" NPT fitting.)		804-0033	5	#Screw, Head - Socket
					815-0847	2	#Screw, Hex Washer Head - Self Drill and Tap
6	191-2109	1	Kit, Alternator - 90 Amp (Includes Parts Marked *)		149-2452	1	#Plate, Cover - Standpipe
7	191-2096	1	*Alternator Assembly	15	300-4450	1	Kit, Panel - Remote Start (Includes Parts Marked <)
8	191-2094-01	1	*Bracket, Adjusting - Alternator		319-2271	1	<Panel, Remote (PTD)
9	191-2093-01	1	*Plate, Mounting - Alternator		308-0341	1	<Switch, Rocker - SPDT
10	511-0178	1	*Belt, Alternator		308-0826	1	<Switch, Rocker - SPST
	526-0113	2	*Washer, Flat (11/32 x 1)		808-0023	4	<Screw, Head - Round (#8 x 1/2")
	870-0257	2	*Nut, Locking-Self (5/16-18)		338-3045	1	<Harness, Wiring - Remote Start Panel Kit (Includes Parts Marked +)
	800-0030	1	*Screw, Cap - Hex Head (5/16-18 x 1-1/4")				+Connector, Housing - 6 Pin
	800-0031	1	*Screw, Cap - Hex Head (5/16-18 x 1-1/2")		323-1668	1	+Connector, Housing - 8 Pin
	800-0059	1	*Screw, Cap - Hex Head (5/16-18 x 3-1/4")		323-1669	1	+Connector, Housing - 6 Pin
	526-0030	1	*Washer, Flat (11/32 x 7/8)		323-1670	1	+Connector, Housing - 8 Pin
	332-1567	1	*Tie, Cable		323-1671	1	+Connector, Housing - 8 Pin
	870-0138	1	*Nut, Flange - Self-Locking (3/8-16)				
	338-2951	1	*Harness Assembly, Wire				
	C-424	1	*Sheet, Instruction				
11	504-0184	2	Valve, Shutoff - Coolant				
12	300-4359	1	Kit, Extension - Main Harness (Includes Parts Marked ~)				
	323-1551	1	~Connector, Plug (6 Pin)				
	323-1650	1	~Connector, 3-Way - Metri Pack				
	338-3014	1	~Harness, Extension				
	C-0426	1	~Sheet, Instruction				
	332-1445	6	~Tie, Cable				

✱ - Parts included in Fuel Access Kit.
 & - Parts included in Fuel Pickup Assembly.
 * - Parts included in 90 Amp Alternator Kit.
 ~ - Parts included in Harness Extension Kit.
 ◊ - Parts included in Bezel Kit.
 # - Parts included in Standpipe Mounting Kit.
 < - Parts included in Remote Start Panel Kit.
 + - Parts included in Remote Start Panel Kit Wiring Harness.

Labels/Supplies/Sealants

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	98-6608	1	*Label, Warning - Rotating Parts (Ref: Doors)	12	332-1389	7	(Spec 2A) *Tie, Cable (14")
2	98-6609-01	1	*Label, Identification - Model	13	332-0941	AR	*Tie, Cable (7-5/16")
3	98-6610-00	1	*Label, Identification - Model	14	332-0942	AR	*Tie, Cable (3-5/8")
4	99-2433	1	*Nameplate, Auxiliary Power Unit	15	332-1567	1	*Tie, Cable
5	98-4798-01	1	*Label, Warning - Rotating Parts	16	332-2262	2	*Tie, Cable
6	98-6611	1	Label, Warning - Rotating Parts (Ref: Guards) (Spec 1A)	17	332-1445	6	*Tie, Cable
7	98-5392	1	Label, Warning (Spec 1A)	18	518-0186	AR	*Loctite (Red)
8	98-6801	1	Label, Warning (Spec 1A)	19	518-0288	AR	*Loctite (Brown)
9	98-6819	1	Label, Warning (Spec 2A)	20	525-0529	1	*Paint, Touch-Up - White (13 oz. Spray Can)
10	98-3171	1	Label, Line - Fuel (Fuel Out) (Spec 2A)	* - Used on Spec 1A and Spec 2A.			
11	98-3172	1	Label, Line - Fuel (Fuel In)				

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