



PARTS MANUAL

COMPRESSOR MODEL

P130WJDU

P175WJDU

P185WJDU

Code: A



This manual contains important safety information.

Do not destroy this manual.

This manual must be available to the personnel who operate and maintain this machine.

Utility Equipment
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Section A - Parts Ordering



GENERAL

This publication, which contains an illustrated parts breakdown, has been prepared as an aid in locating those parts which may be required in the maintenance of the unit. Always insist on genuine Ingersoll-Rand Company parts for your compressor.

Ingersoll-Rand Company can bear no responsibility for injury or damages resulting directly from the use of non-approved repair parts.

Ingersoll-Rand Company service facilities and parts are available worldwide. Consult local yellow pages or visit: www.portablepower.irco.com.

Special order parts may not be included in this manual. Contact the Mocksville Parts Department with the unit serial number for assistance with these special parts.

Description

The illustrated parts breakdown illustrates and lists the various assemblies, subassemblies and detailed parts which make up this particular machine. This covers the standard models and the more popular options that are available.

In referring to the rear, the front or to either side of the unit, always consider the drawbar end of the unit as the front.

Standing at the rear of the unit facing the drawbar (front) will determine the right and left sides.

Fasteners

Both SAE/inch and ISO/metric hardware have been used in the design and assembly of these units. In the disassembly and reassembly of parts, extreme care must be taken to avoid damaging threads by the use of wrong fasteners.

How To Order

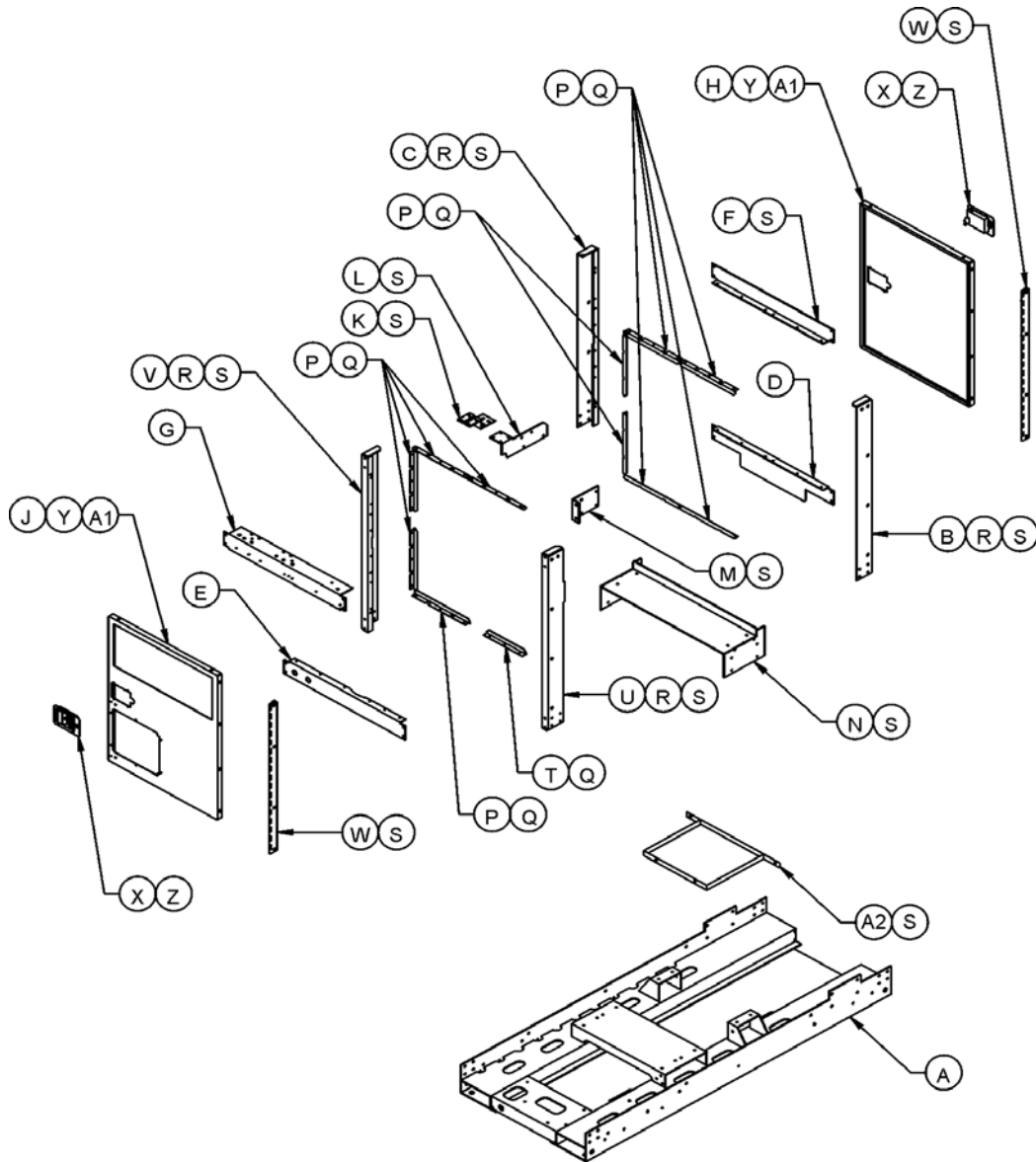
Always specify the model and serial number of the unit.

Specify the part number and description.

Section B - COMPRESSOR PARTS



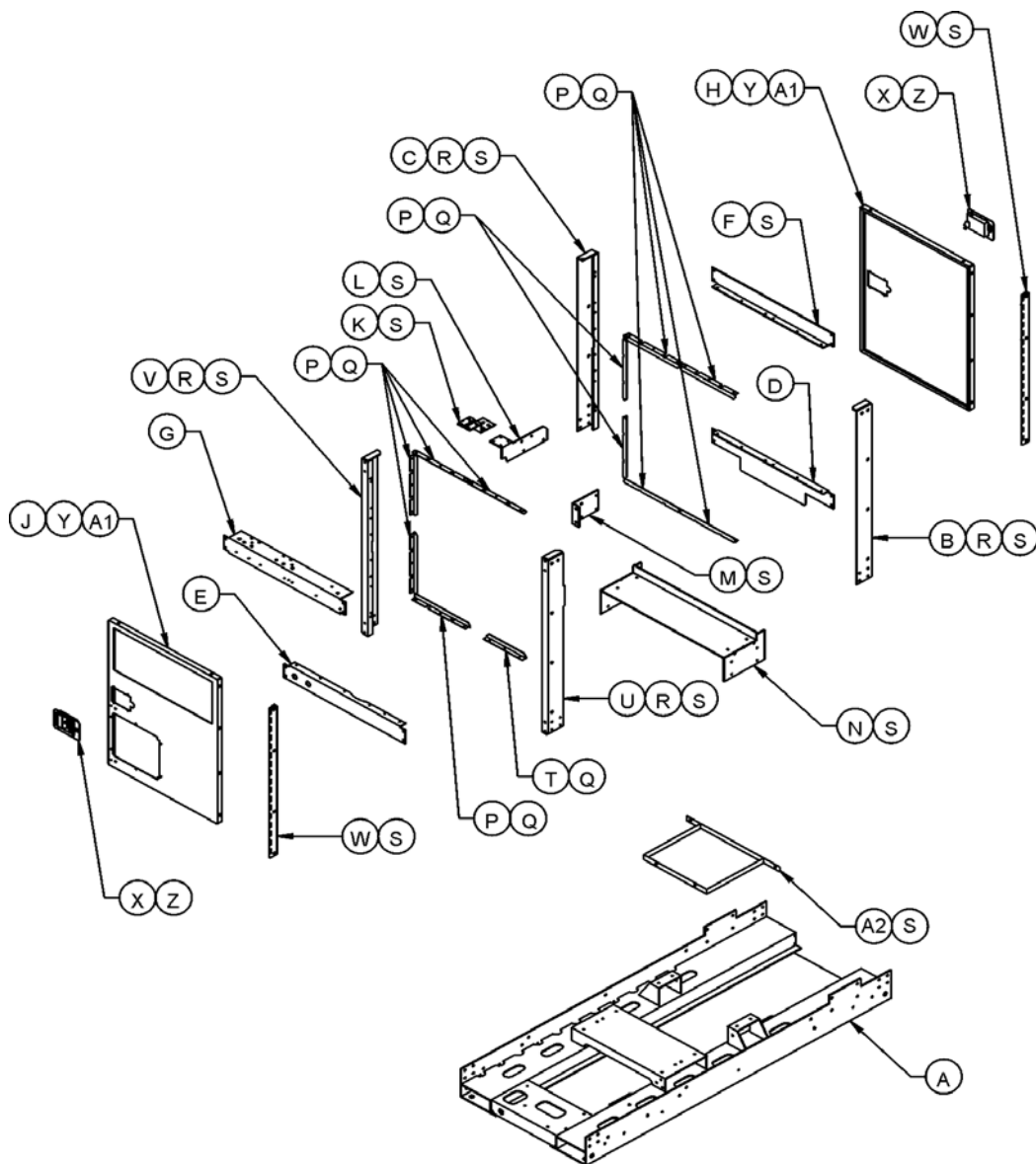
FRAME ASSEMBLY



22478390_01_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36890457	FRAME	1	
B	36890499	CORNER, VERTICAL CURBSIDE CAB	1	
C	36890507	CORNER, VERTICAL CURBSIDE BED	1	
D	36890564	FRAME, DOOR LOWER	1	
E	36890556	FRAME, DOOR LOWER	1	
F	36890671	FRAME, DOOR UPPER	1	
G	36890663	FRAME, DOOR UPPER	1	
H	36890606	DOOR, STREETSIDE	1	
J	36890598	DOOR, CURBSIDE	1	
K	36890630	BRACKET, AIREND OIL FILTER	1	
L	36890622	BRACKET, ENGINE OIL / FUEL	1	
M	36890614	BRACKET, AIR FILTER MOUNTING	1	
N	36890465	BRIDGE, COOLER	1	

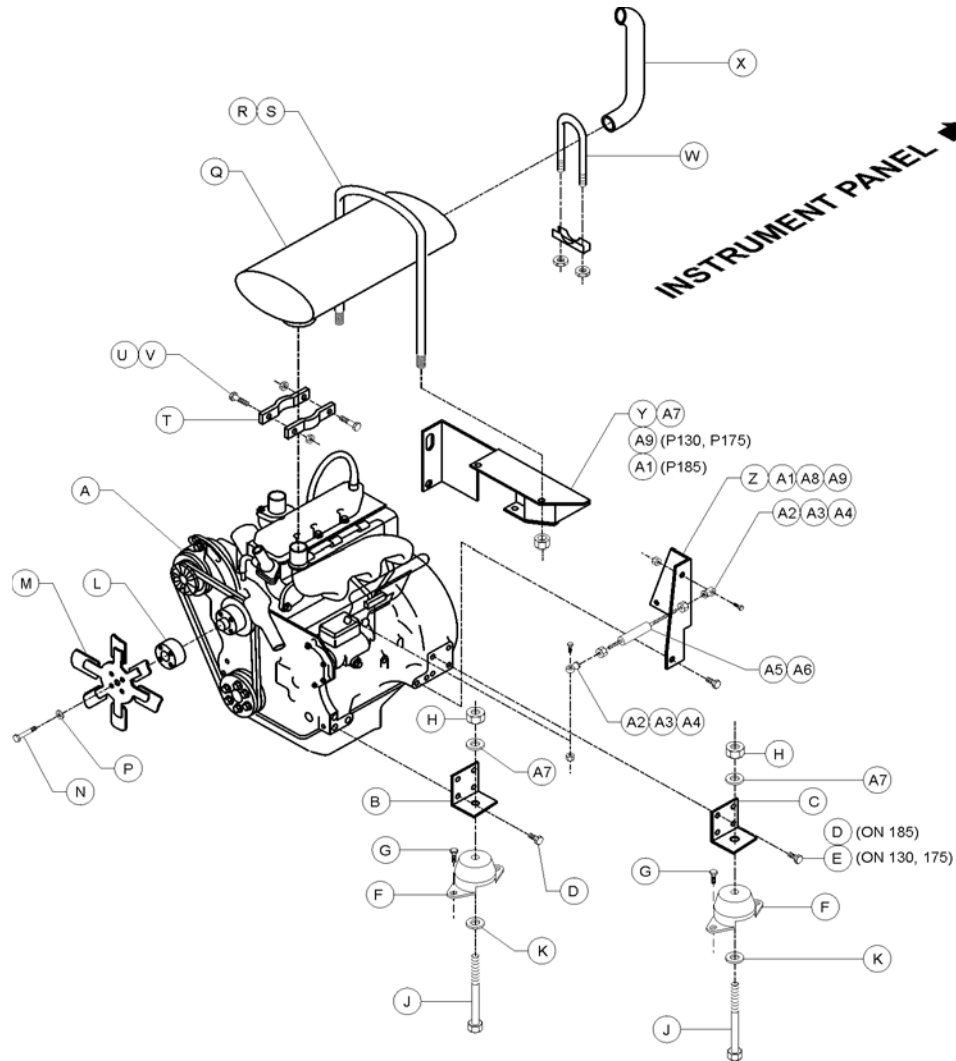
FRAME ASSEMBLY cont'd



22478390_01_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	36890572	SEAL, DOOR LONG	11	
Q	36877587	RIVET, 3/16" DIA. ALUM.	48	
R	36895746	NUTSERT, HEX M08	8	
S	35279025	SCREW, TAPPING M08-1.25 X 20	50	
T	36890580	SEAL, DOOR SHORT	1	
U	36890515	CORNER, VERTICAL STREET CAB	1	
V	36890523	CORNER, VERTICAL STREET BED	1	
W	36891810	HINGE, DOOR	2	
X	36793602	LATCH, SLAM DOOR	2	
Y	36797652	SCREW, TAPPING M06-1.0 X 12	8	
Z	36794816	RIVET, 3/16" DIA.	8	
A1	36865293	BUMPER, RUBBER	14	
A2	36894210	PAN, FUEL TANK	1	

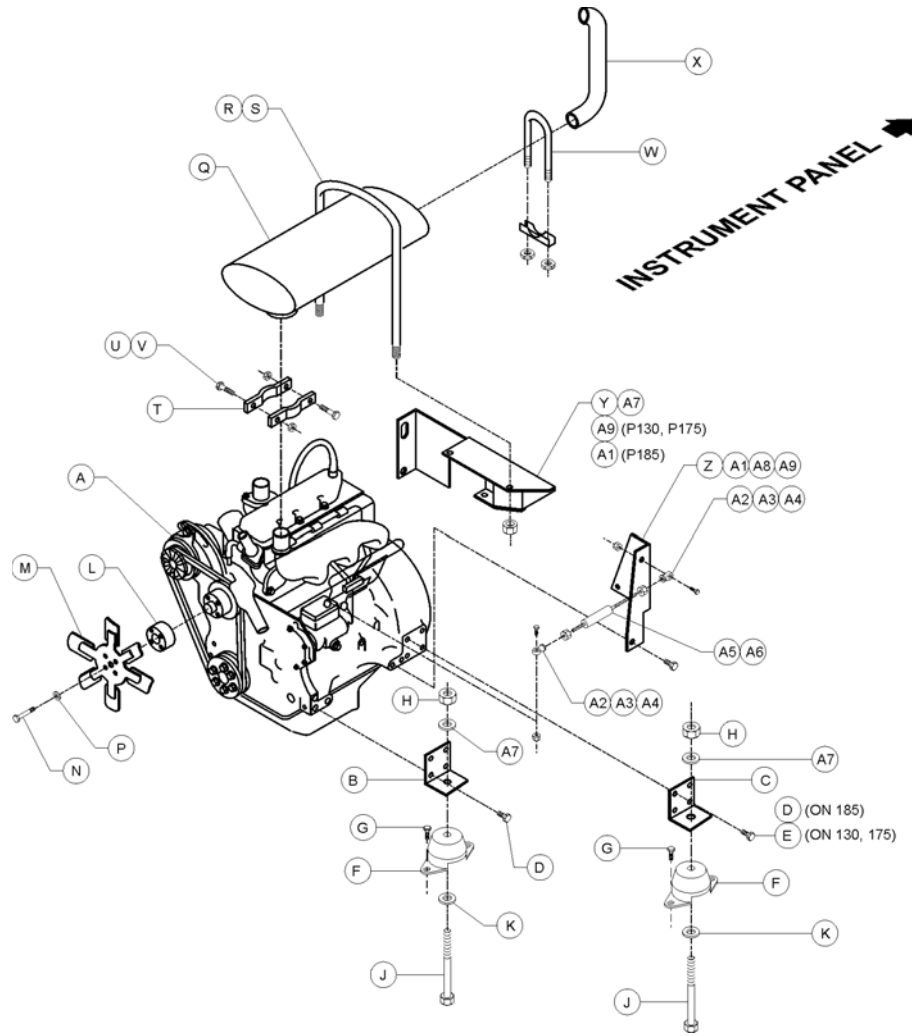
ENGINE COMPLETE



22478390_02_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36889764	ENGINE, 3 CYLINDER	1	P130-P170 Prior to S/N 342274
	22382659	ENGINE, 3 CYLINDER	1	P130-P170 Begin with S/N 342274
	36889756	ENGINE, 4 CYLINDER	1	P185 Prior to S/N 295999
	36920015	ENGINE, 4 CYLINDER	1	P185 Begin with S/N 295999
B	36888030	BRACKET, FRONT ENGINE	2	Prior to S/N 308296
	54438643	BRACKET, FRONT ENGINE	2	Begin with S/N 308296
C	36890044	BRACKET, REAR ENGINE	2	Prior to S/N 308296
	54444864	BRACKET, REAR ENGINE	2	Begin with S/N 308296
D	36888055	SCREW, HEX FLG M12-1.75 X 30	6	
E	36881712	SCREW, HEX FLANGE 1/2-13 X 1"	8	
F	36876274	ISOLATOR	4	Prior to S/N 308296
	54429303	ISOLATOR	4	Begin with S/N 308296
G	35279025	SCREW, TAPPING M08-1.25 X 20	8	
H	35273366	NUT, HEX NYLOCK M10-1.50	4	Prior to S/N 308296
	35304047	NUT, HEX NYLOCK M12-1.75	4	Begin with S/N 308296

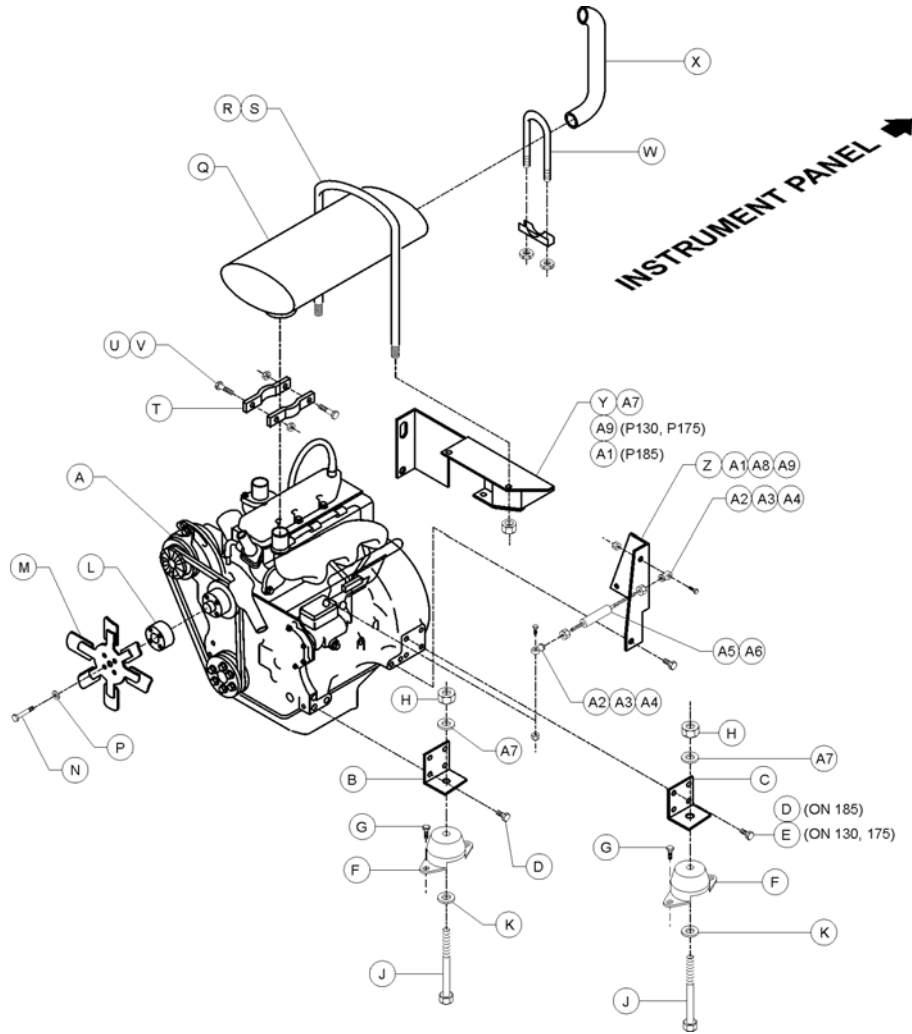
ENGINE COMPLETE cont'd



22478390_02_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
J	36766343	SCREW, HEX M10-1.50 X 60	4	Prior to S/N 308296
	96739958	SCREW, HEX M12-1.75 X 70	4	Begin with S/N 308296
K	36766319	WASHER, SNUBBER	4	Prior to S/N 308296
	54429295	WASHER, SNUBBER	4	Begin with S/N 308296
L	36892461	SPACER, 22" FAN	1	
M	36880649	FAN, 19"	1	P130-P175
	36878171	FAN 22"	1	P185
N	95958955	SCREW, HEX 5/16-18 X 3.50"	4	P130-P175
	96721154	SCREW, HEX M08-1.25 X 90	4	P185
P	95934998	WASHER, FLAT 3/8"	4	
Q	36881563	MUFFLER	1	
R	35851377	U-BOLT 3/8-16	1	
S	95923322	NUT, HEX LOCK 3/8-16	2	
T	36796845	CLAMP, MUFFLER	2	
U	95935227	SCREW, HEX 5/16-18 X 1.25"	2	
V	95929782	NUT, HEX 5/16-18	2	
W	35209048	CLAMP, SADDLE 2.5"	1	

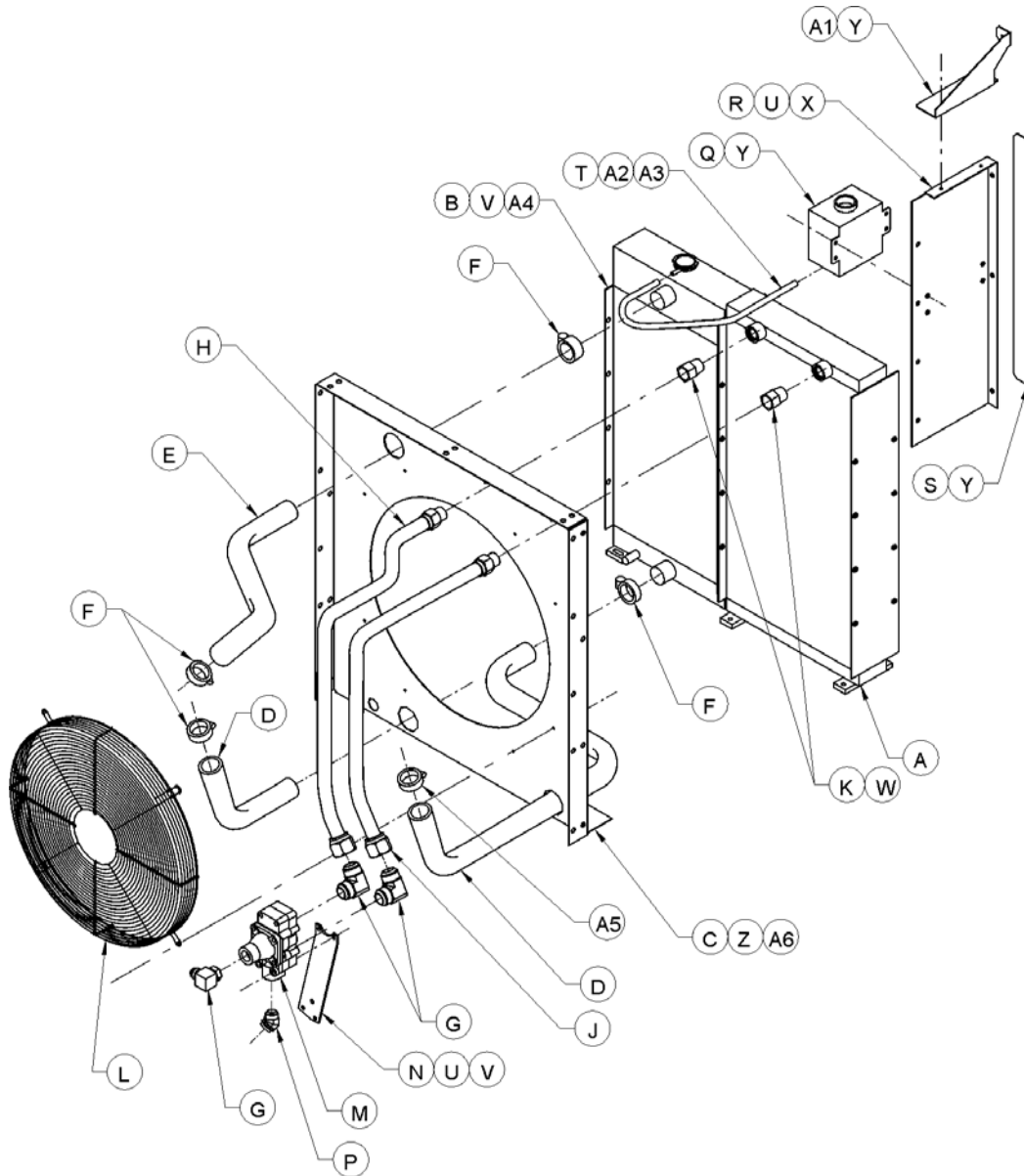
ENGINE COMPLETE cont'd



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
X	36775690	PIPE, EXHAUST TAIL	1	
Y	36880839	BRACKET, MUFFLER	1	
Z	36884864	SUPPORT, AIR CYLINDER	1	P175
	36877223	SUPPORT, AIR CYLINDER	1	P185
A1	35376953	SCREW, HEX M10-1.50 X 20	3	P185
A2	35328467	BEARING, ROD END	2	P175-P185
A3	36771178	SCREW, HEX M06-1.0 X 30	2	P175-P185
A4	36769032	NUT, HEX LOCK M06-1.0	2	P175-P185
A5	355592435	CYLINDER, PNEUMATIC	1	P175-P185
A6	95923074	NUT, HEX JAM 5/16-24	2	P175-P185
A7	95935037	WASHER, FLAT	4	Prior to S/N 308296
	54429295	WASHER, FLAT	4	Begin with S/N 308296
A8	95958807	SCREW, HEX 5/8-12 X 1"	1	P175
A9	35144336	SCREW, LOCKING 5/16-18 X .75"	2	P175
~	36881696	Element, Engine Oil Filter	AR	
~	35389527	Element, Engine Fuel Filter	AR	P130-P175 Prior to S/N 295999
~	36534659	Element, Engine Fuel Filter	AR	P185 Begin with S/N 295999

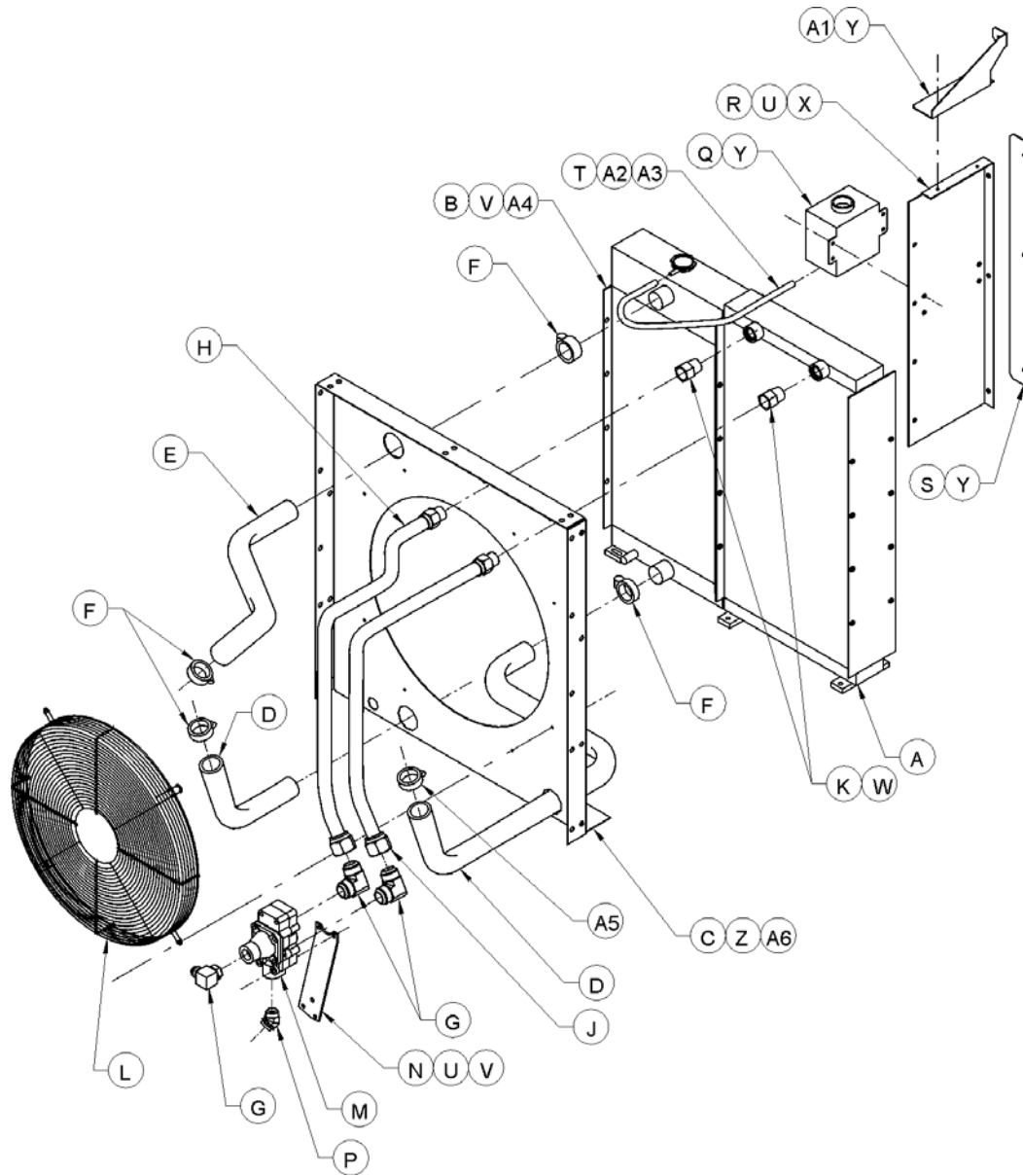
COOLING COMPLETE



22478390_03_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36889780	COOLER, OIL	1	
B	36889772	RADIATOR	1	
C	36892040	ORIFICE, FAN	1	P130-P175
	36890473	ORIFICE, FAN	1	P185
D	36891174	HOSE, RADIATOR BOTTOM	1	P130-P175
	36891158	HOSE, RADIATOR BOTTOM	1	P185
E	36891166	HOSE, RADIATOR TOP	1	P130-P175
	36891141	HOSE, RADIATOR TOP	1	P185
F	35221662	CLAMP	4	
G	35294750	ELBOW, 90° 1-1/16-12 X -12 JIC	3	
H	36891133	TUBE, OIL	1	
J	36891091	TUBE, OIL	1	

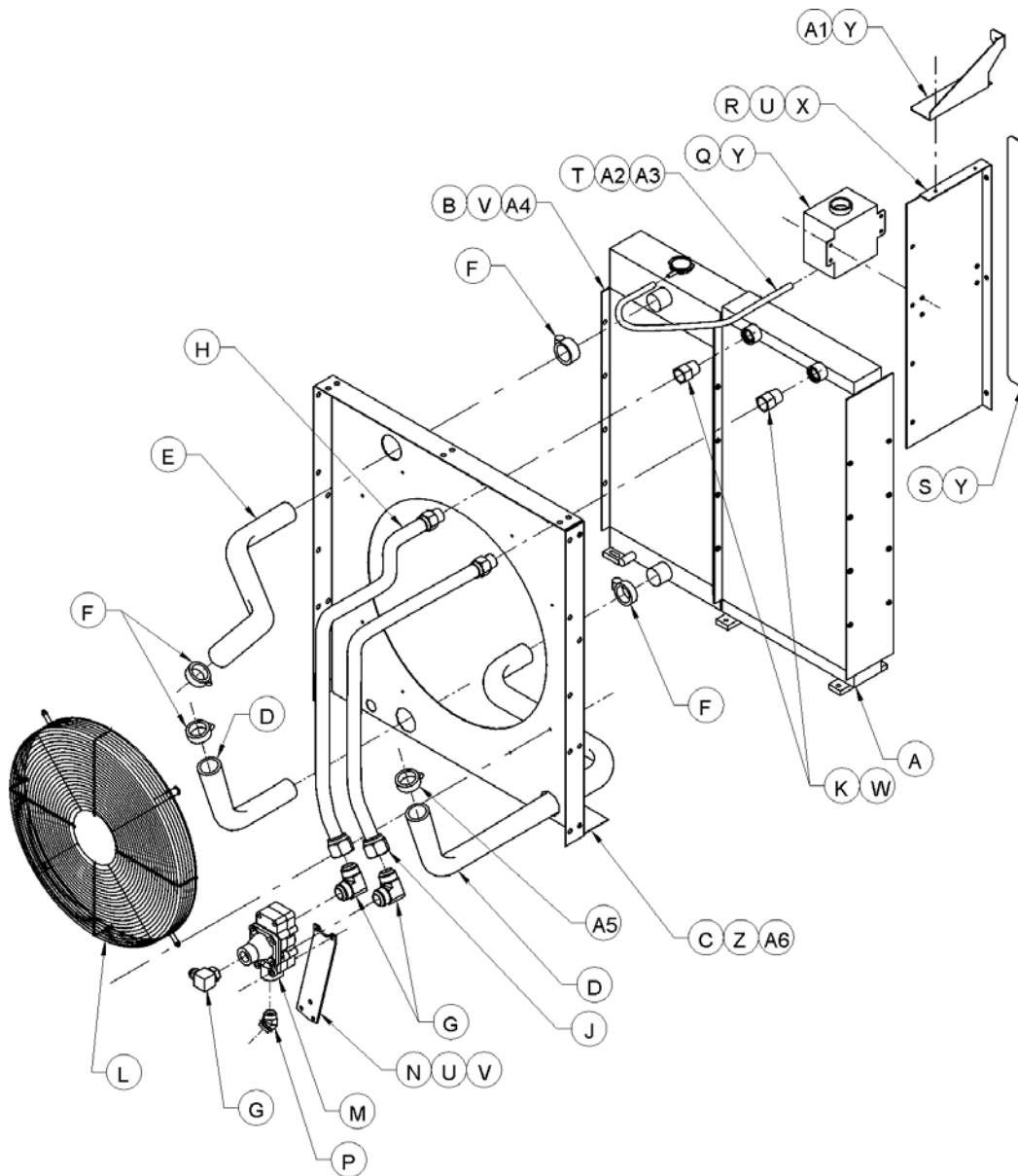
COOLING COMPLETE cont'd



22478390_03_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
K	35295880	CONNECTOR, 1.06-12 X -12 JIC	2	P130-P175 P185
L	36884096	GUARD, FAN	1	
	36878262	GUARD, FAN	1	
M	36884179	VALVE, OIL TEMPERAURE BYPASS	1	
N	36890481	BRACKET, BYPASS VAVLE	1	
P	35294727	ELBOW, 45° 1.06-12 X -12 JIC	1	
Q	36884948	BOTTLE, COOLANT RECOVERY	1	
R	36890788	PANEL, PLENUM SPLITTER	1	
S	36891570	COVER, PLENUM SPLITTER	1	
T	35360775	TUBE, 5/16" ID	38"	
U	36881886	NUT, HEX FLANGE M08-1.25	10	

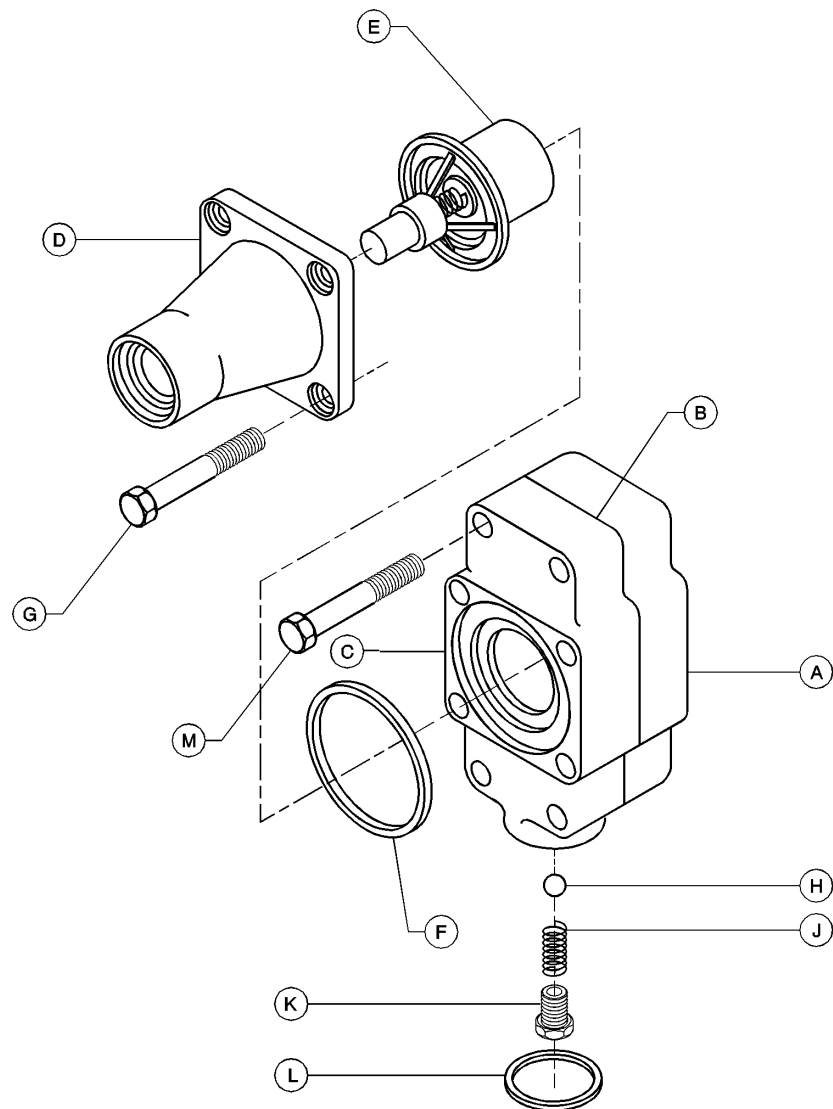
COOLING COMPLETE cont'd



22478390_03_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
V	35279025	SCREW, TAPPING M08-1.25 X 20	7	P185
W	35294768	O-RING	AR	
X	96702055	SCREW, TAPPING M06-1.0 X 20	8	
Y	36797652	SCREW, TAPPING M06-1.0 X 12	6	
Z	36895746	NUTSERT, HEX M08	19	
A1	36890820	CAP, PLENUM SPLITTER	1	
A2	35296342	CLAMP, WORMGEAR	1	
A3	35225093	CLAMP, 1/2" RUBBER COATED	1	
A4	36769560	CAP, RADIATOR	1	
A5	35221639	CLAMP, HOSE	1	
A6	36878221	GROMMET, RADIATOR HOSE	2	

OIL TEMPERATURE BYPASS VALVE ASSEMBLY PRIOR TO S/N 353786

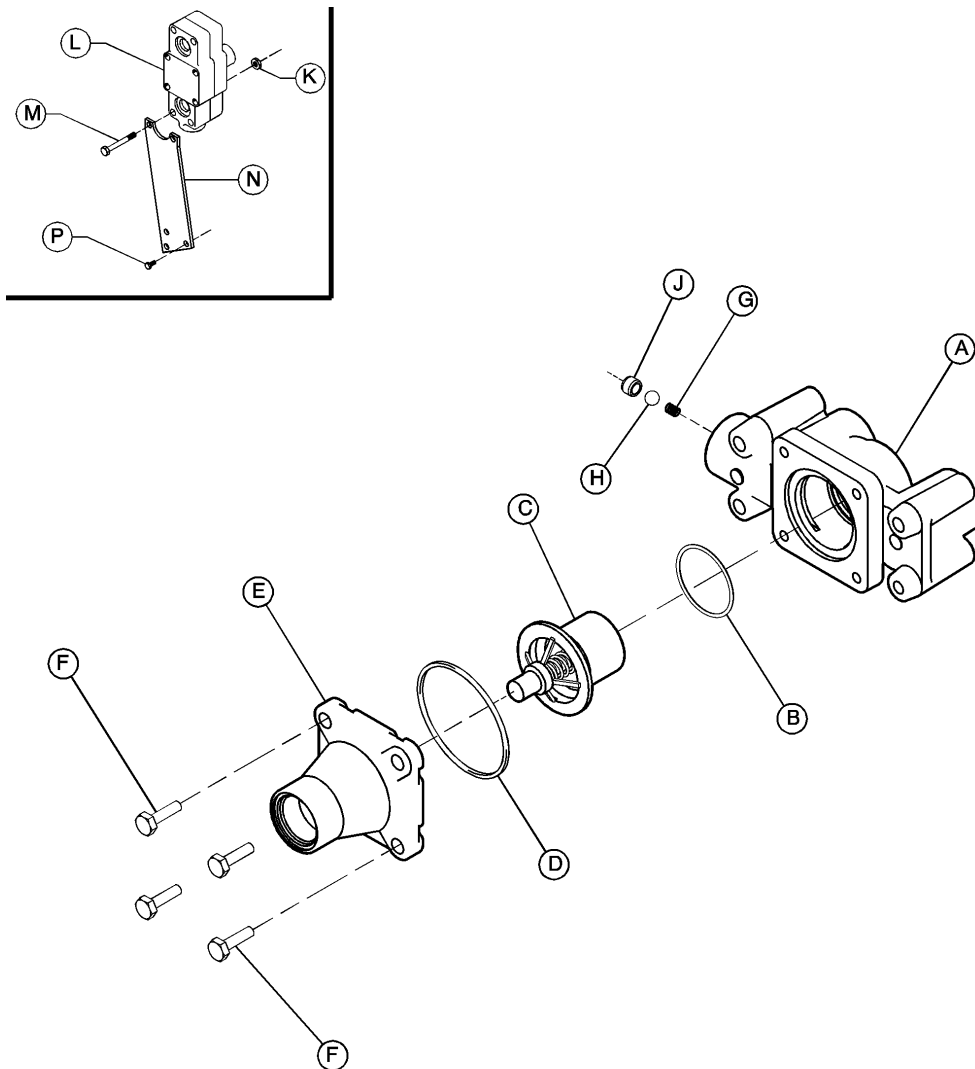


PRIOR TO S/N 353786

22478390_04_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36776714	BODY	1	
B	35584242	GASKET	1	
C	36788289	BODY	1	
D	36765832	COVER	1	
E	35318708	ELEMENT, 185° - 200° F	1	
F	95022307	O-RING	1	
G	36786382	SCREW, HEX M08-1.25 X 70	6	
H	35288448	BALL	1	
J	35379940	SPRING	1	
K	36788164	PLUG, HEX 1/2-20	1	
L	36788172	SEAL	1	
M	36884187	SCREW, HEX M08-1.25 X 80	2	

OIL TEMPERATURE BYPASS VALVE ASSEMBLY BETWEEN S/N 353786 and 373445

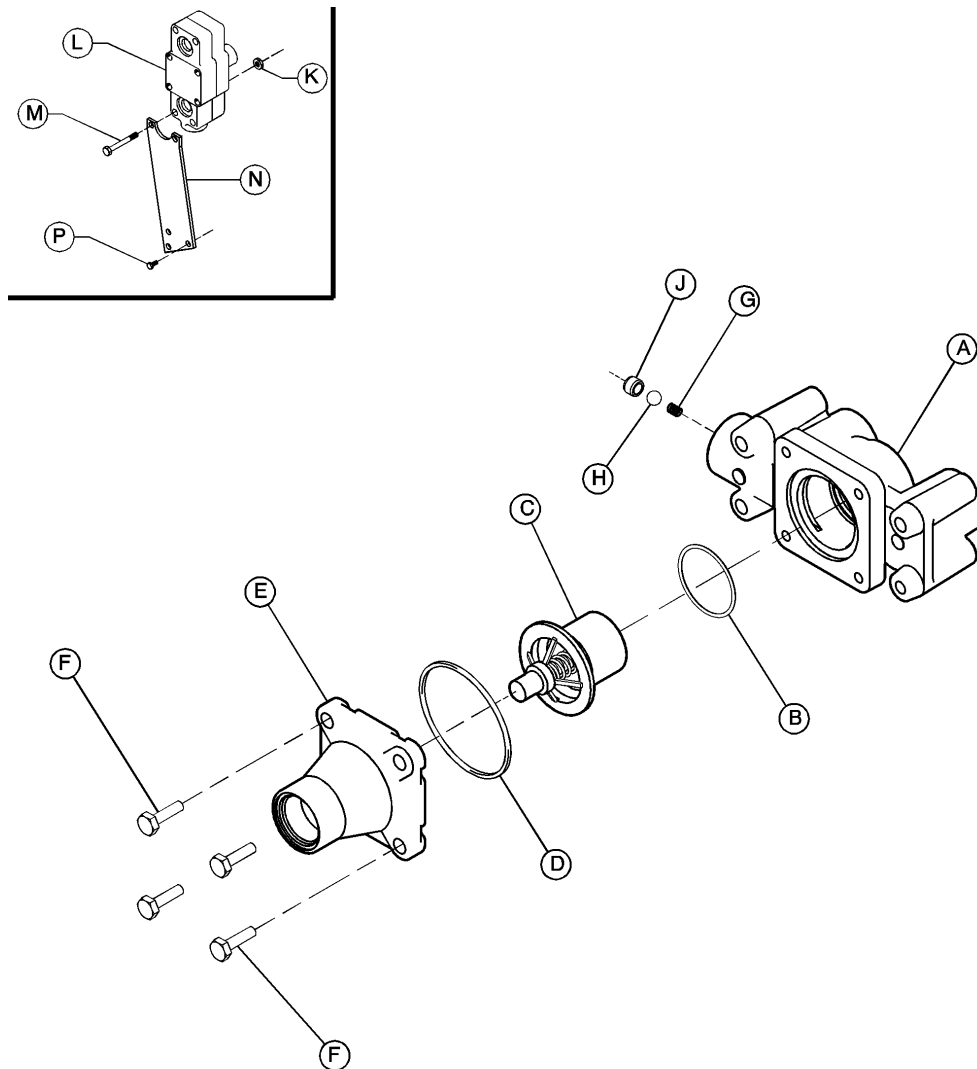


BETWEEN S/N 353786 & 373445

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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54411640	HOUSING, O T B V	1	
B	36788172	SEAL, U-TYPE VITON	1	
C	36782019	ELEMENT, 125° - 145° F	1	
D	95022307	O-RING	1	
E	36765832	COVER	1	
F	96702659	SCREW, HEX M08-1.25 X 25	4	
G	35379940	SPRING	1	
H	35288448	BALL	1	
J	54414677	ORIFICE, OIL	1	
K	36881886	NUT, HEX FLANGE M08-1.25	2	
L	54411665	OIL TEMPERATURE BY-PASS VAVLE	1	
M	96721154	SCREW, HEX M08-1.25 X 90	2	
N	36890481	BRACKET, BYPASS VALVE	1	
P	35279025	SCREW, TAPPING M08-1.25 X 20	3	

OIL TEMPERATURE BYPASS VALVE ASSEMBLY BEGIN WITH S/N 373446



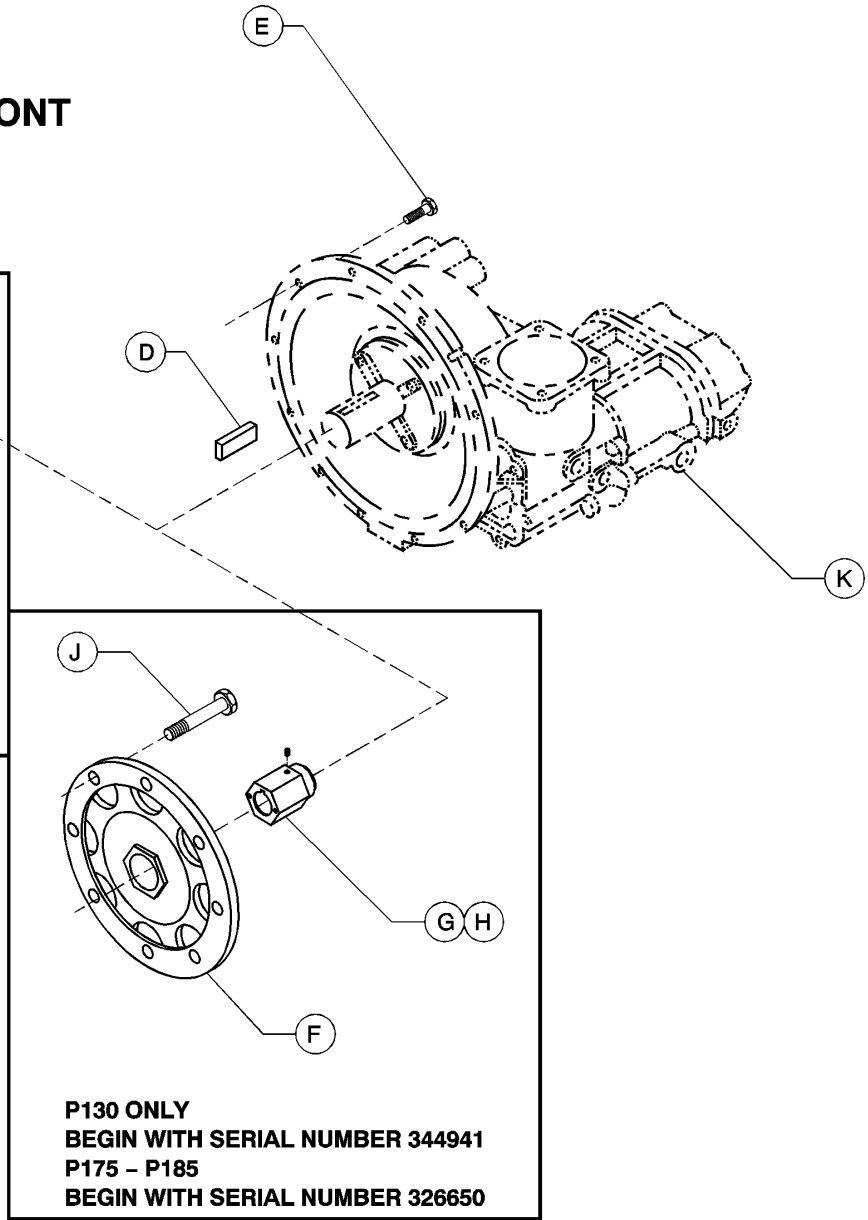
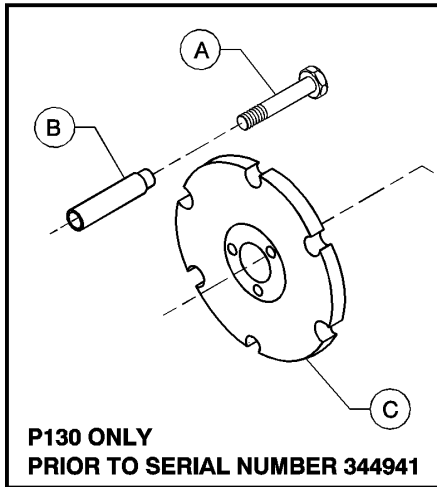
BEGIN WITH S/N 373446

22478390_04c_07/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54411640	HOUSING, O T B V	1	
B	36788172	SEAL, U-TYPE VITON	1	
C	22195820	ELEMENT, 150° - 170° F	1	
D	95022307	O-RING	1	
E	36765832	COVER	1	
F	96702659	SCREW, HEX M08-1.25 X 25	4	
G	35379940	SPRING	1	
H	35288448	BALL	1	
J	54414677	ORIFICE, OIL	1	
K	36881886	NUT, HEX FLANGE M08-1.25	2	
L	22810139	OIL TEMPERATURE BY-PASS VALVE	1	
M	96721154	SCREW, HEX M08-1.25 X 90	2	
N	36890481	BRACKET, BYPASS VALVE	1	
P	35279025	SCREW, TAPPING M08-1.25 X 20	3	

AIREND COMPLETE

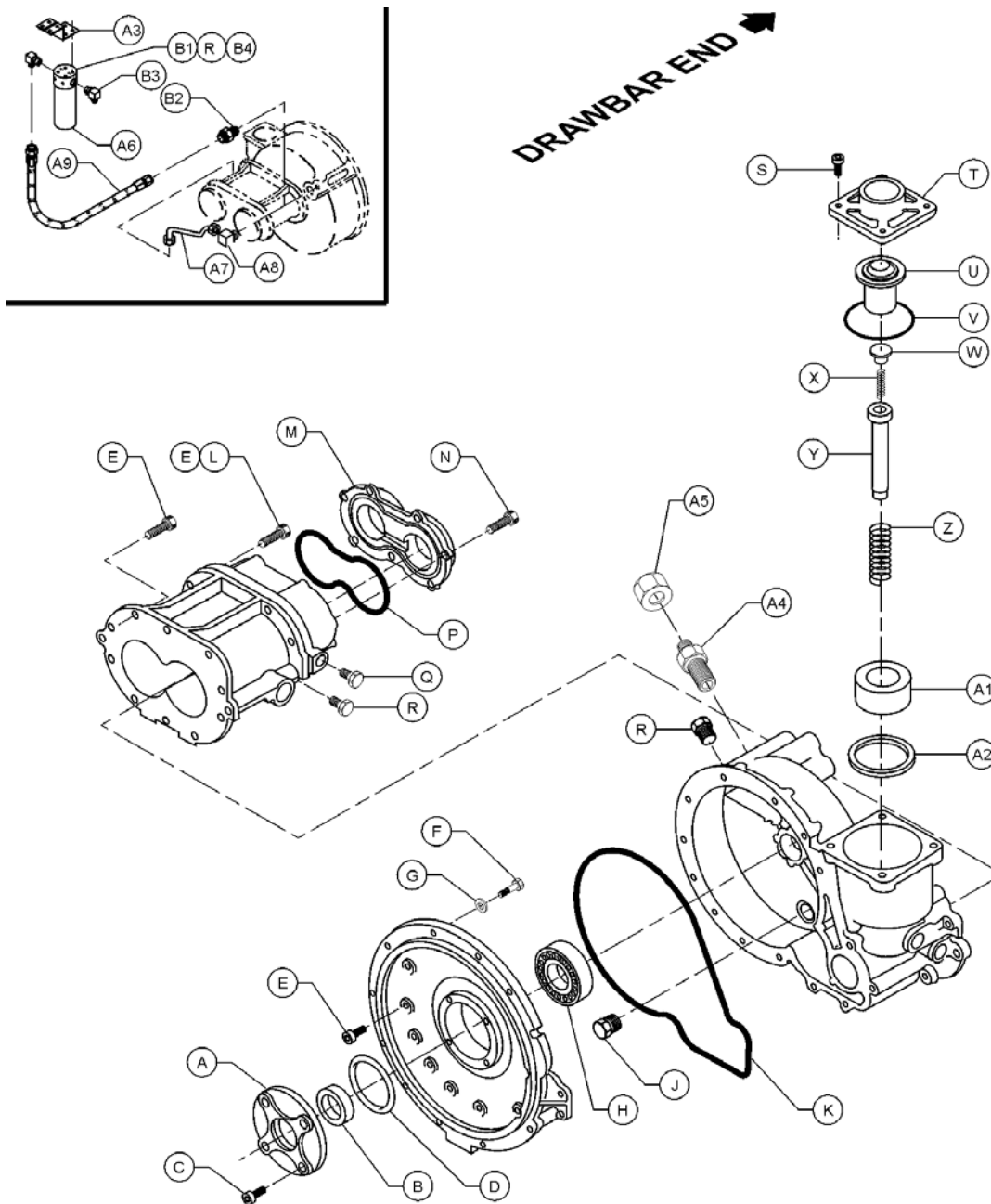
➡ FRONT



22478390_05_07/06_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95055307	SCREW, CAP SOCKET HEAD 3/8-16 X 2"	8	Prior to S/N 344941
B	35329887	DRIVER, COUPLING 3/8"	8	Prior to S/N 344941
C	36865012	COUPLING, DRIVE	1	Prior to S/N 344941
D	36769289	KEY, M8 X 10 X 60	1	
E	36880995	SCREW, HEX FLANGE M10-1.50 X 30	9	
F	54755087	COUPLING	1	
G	54755111	BEARING, HEX	1	
H	95065637	SCREW, SOCKET SET 3/8-16 X 1/4"	1	
J	36881704	SCREW, HEX FLANGE 3/8-16 X 1.25"	8	
K	42430918	AIREND ASSEMBLY	1	P130
	42430926	AIREND ASSEMBLY	1	P175-P185

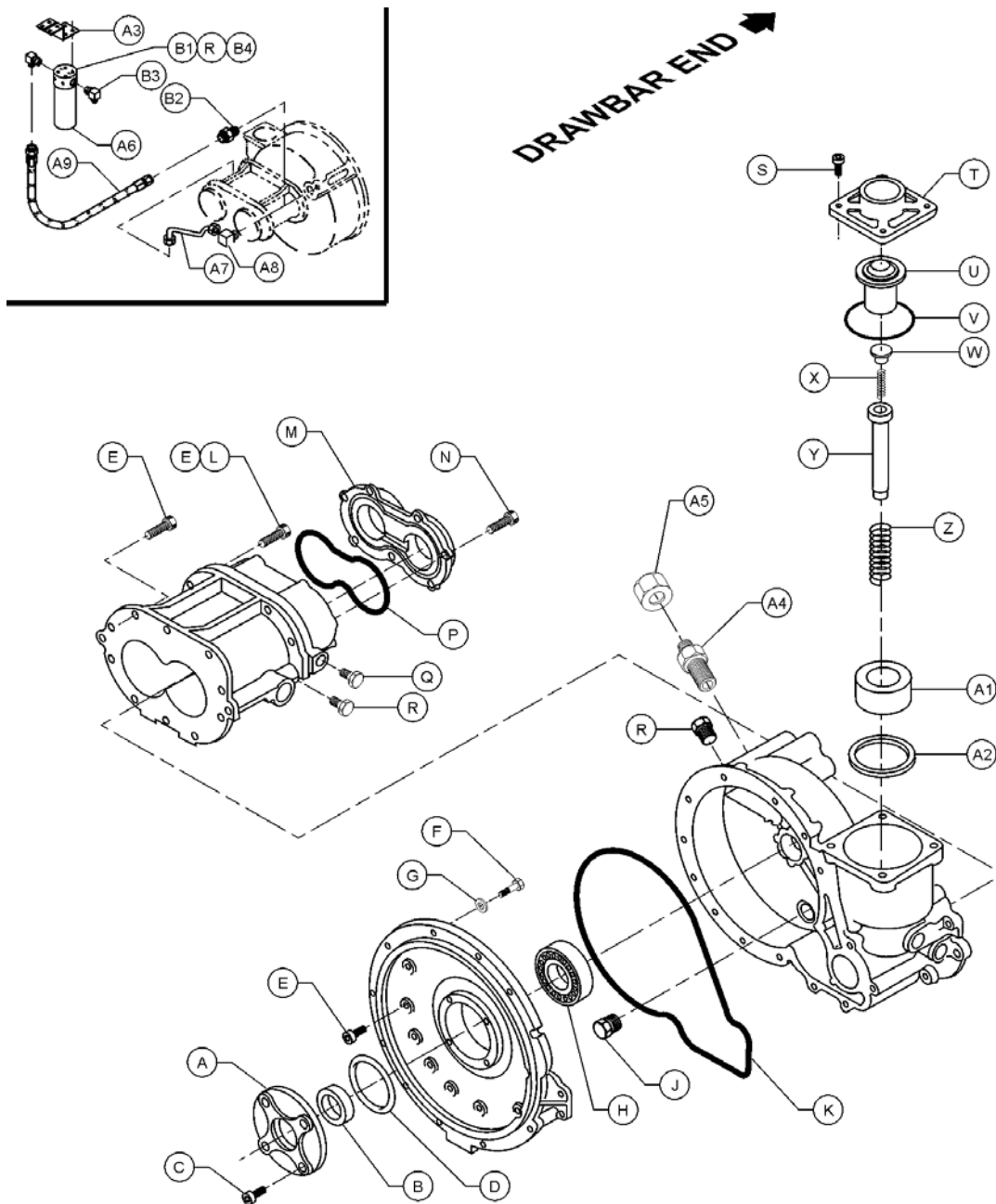
AIREND ASSEMBLY



22478390_06_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	39588413	COVER, SEAL	1	
B	35375369	SEAL	1	
C	35611961	SCREW, HEX SOCKET CAP M08-1.25 X 16	4	
D	95022331	O-RING	1	
E	96708060	SCREW, HEX SOCKET CAP M08-1.25 X 25	32	
F	36791689	SCREW, HEX FLANGE M08-1.25 X 12	2	
G	95094306	WSHER, FLAT	2	
H	35286004	BEARING, BALL	1	
J	39101449	PLUG, HEX SOCKET 3/4-16	1	
K	95641734	O-RING	1	

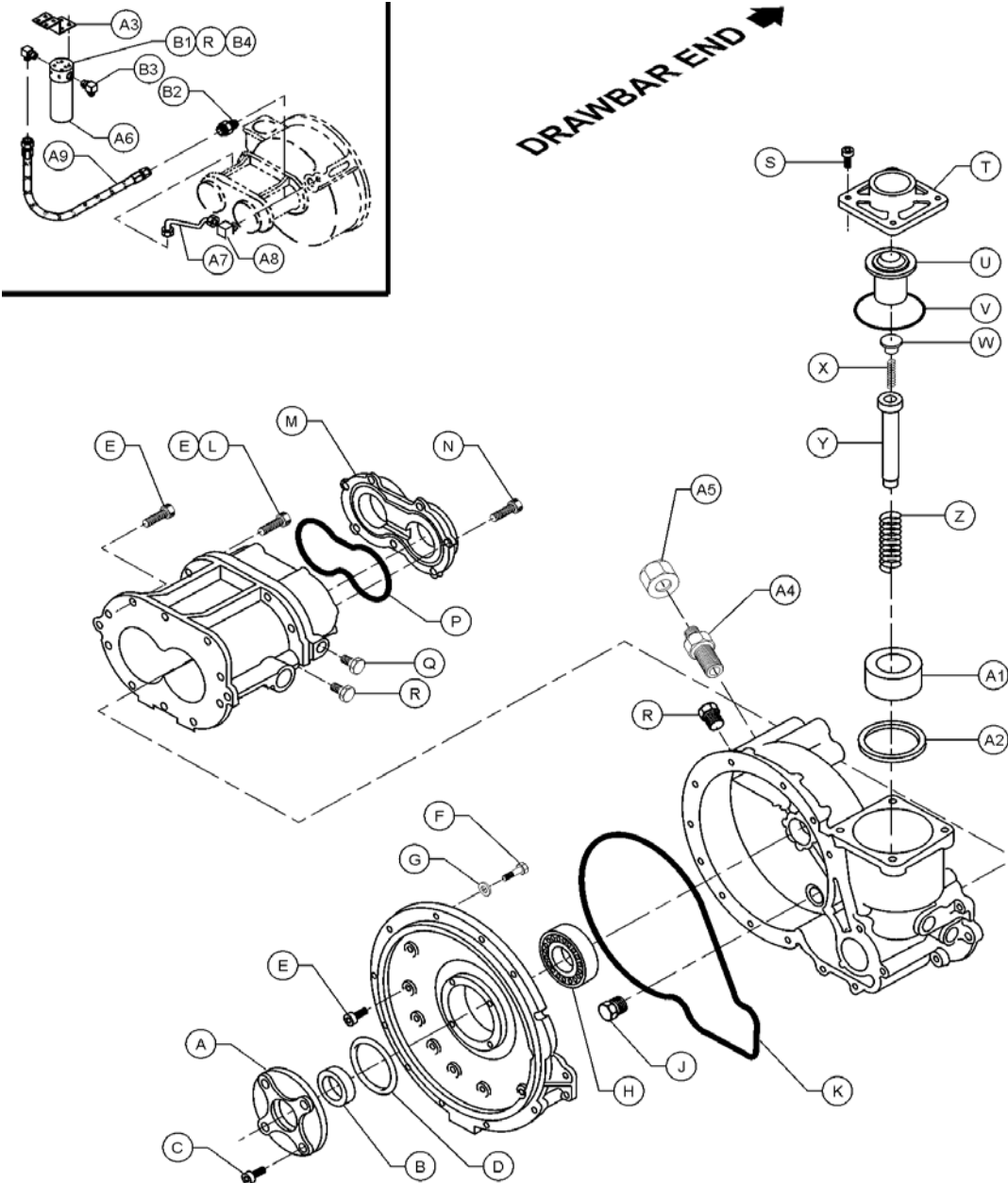
AIREND ASSEMBLY cont'd



22478390_06_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	35612134	SCREW, HEX SOCKET CAP M08-1.25 X 45	1	
M	36506442	COVER, BEARING	1	
N	35611953	SCREW, HEX SOCKET CAP M06-1.0 X 20	7	
P	95023115	O-RING	1	
Q	35289057	PLUG, HEX 7/16-20	1	
R	35287556	PLUG, HEX 5/16-18	3	
S	35287655	SCREW, HEX SOCKET CAP M10-1.50 X 25	4	
T	36508471	COVER, INLET	1	
U	36511623	UNLOADER VALVE ASSEMBLY	1	
V	90523107	O-RING	1	

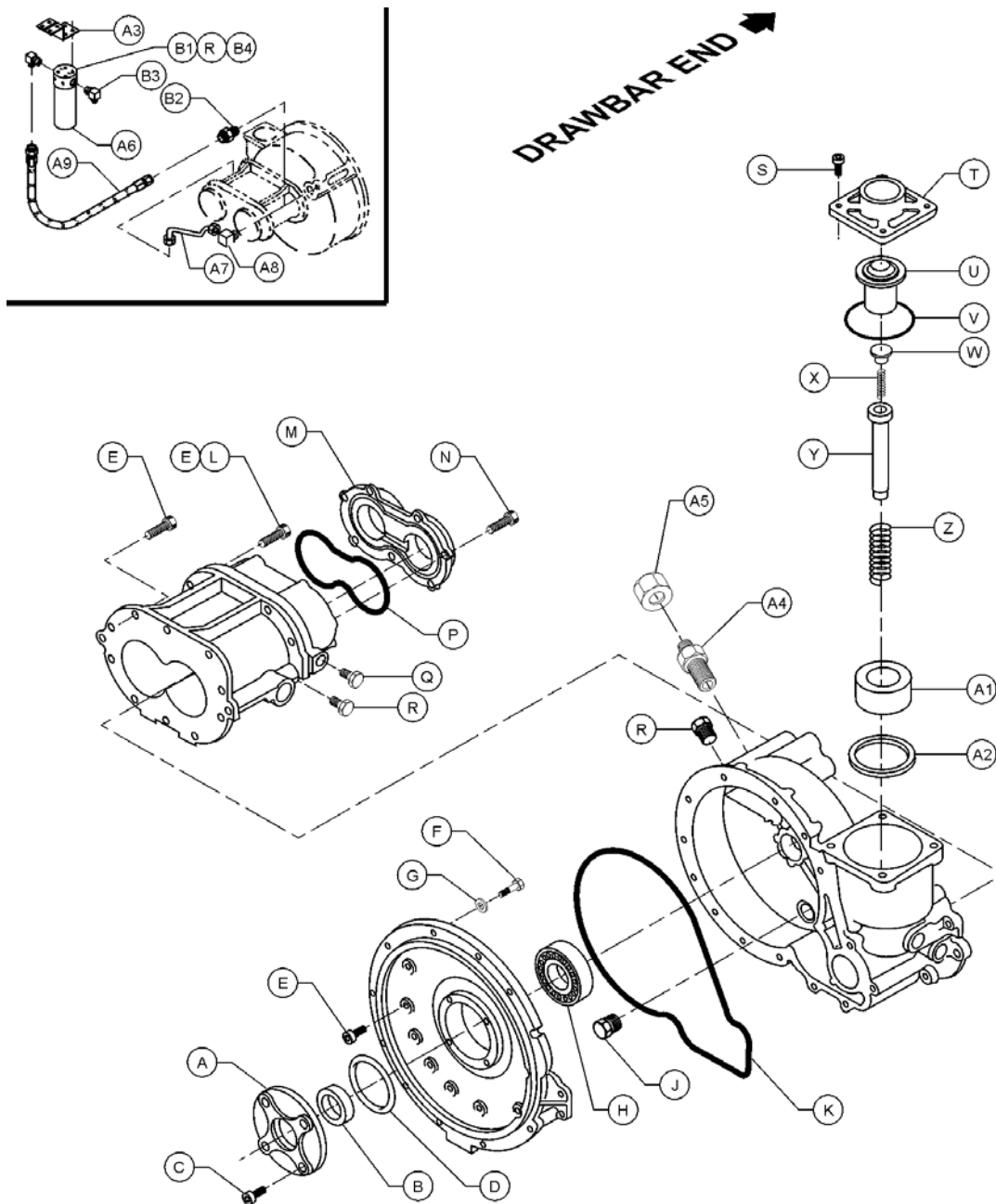
AIREND ASSEMBLY cont'd



22478390_06_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
W	35379817	CAP, SPRING	1	
X	35376342	SPRING	1	
Y	35611557	STEM	1	
Z	35376334	SPRING	1	
A1	35611615	PISTON	1	
A2	35376359	SEAL	1	
A3	36890630	BRACKET, AIREND OIL FILTER	1	
A4	35612175	CONNECTOR, REDUCING 3/4-16 X -4 JIC	1	
A5	95257333	CAP	1	
A6	35296920	ELEMENT, OIL FILTER	1	
	36897353	ELEMENT, OIL FILTER	1	

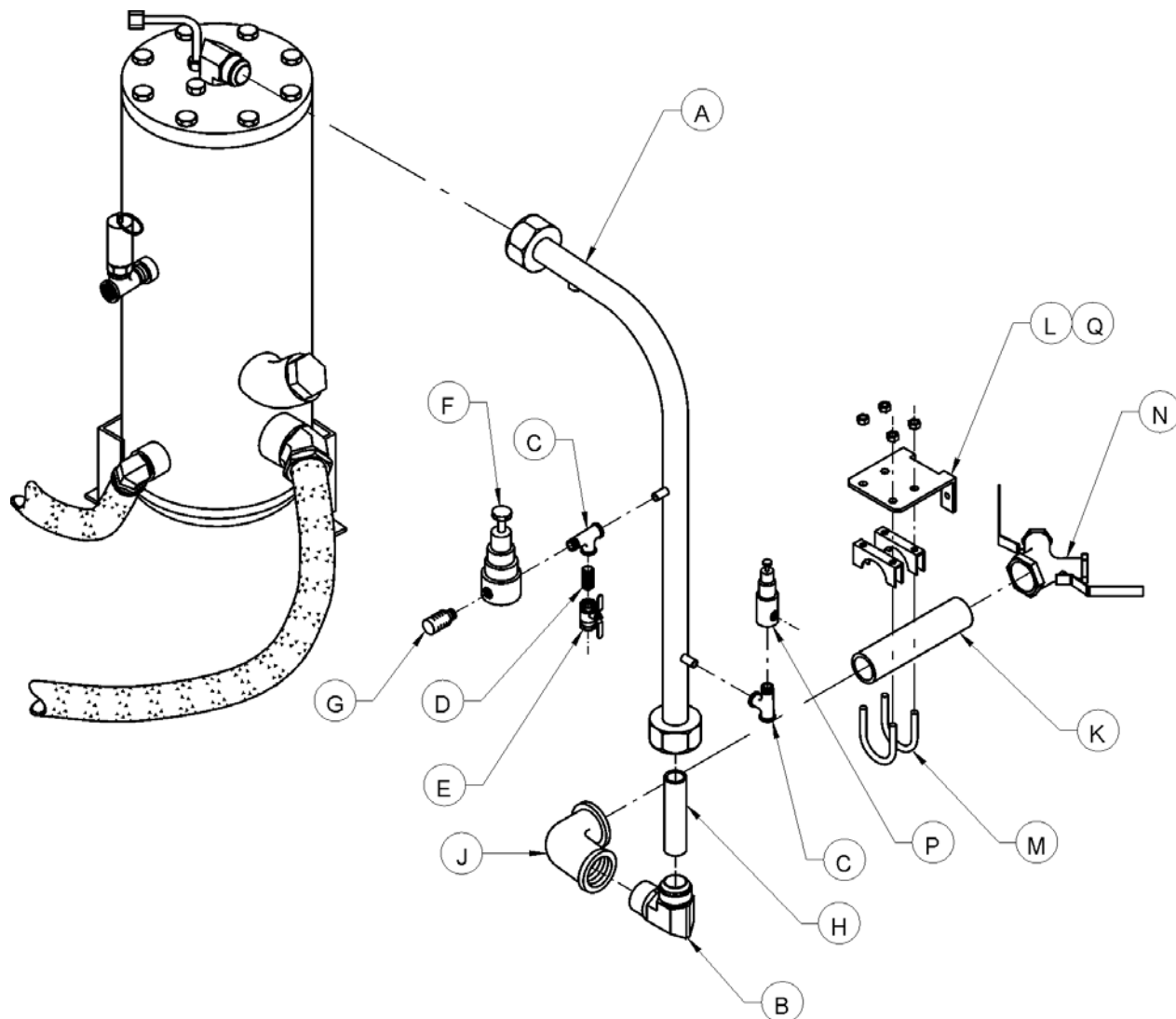
AIREND ASSEMBLY cont'd



22478390_06_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A7	36764553	TUBE ASSEMBLY	1	
A8	35286491	ELBOW, SWIVEL 90° 7/8-14 X -10 JIC	2	
A9	35289503	HOSE ASSEMBLY	1	P130-P175
	35323864	HOSE ASSEMBLY	1	P185
B1	35355460	HEAD, OIL FILTER	1	Prior to S/N 300624
	36897445	HEAD, OIL FILTER	1	Begin with S/N 300624
B2	35295880	CONNECTOR, 1.06-12 X -12 JIC	1	P130-P175
	36885093	ELBOW, LONG 90° 1-1/16-12 X -12 JIC	1	P185
B3	35294750	ELBOW, 90° 1-1/16-12 X -12 JIC	2	
B4	96701479	SCREW, HEX M10-1.50 X 16	4	

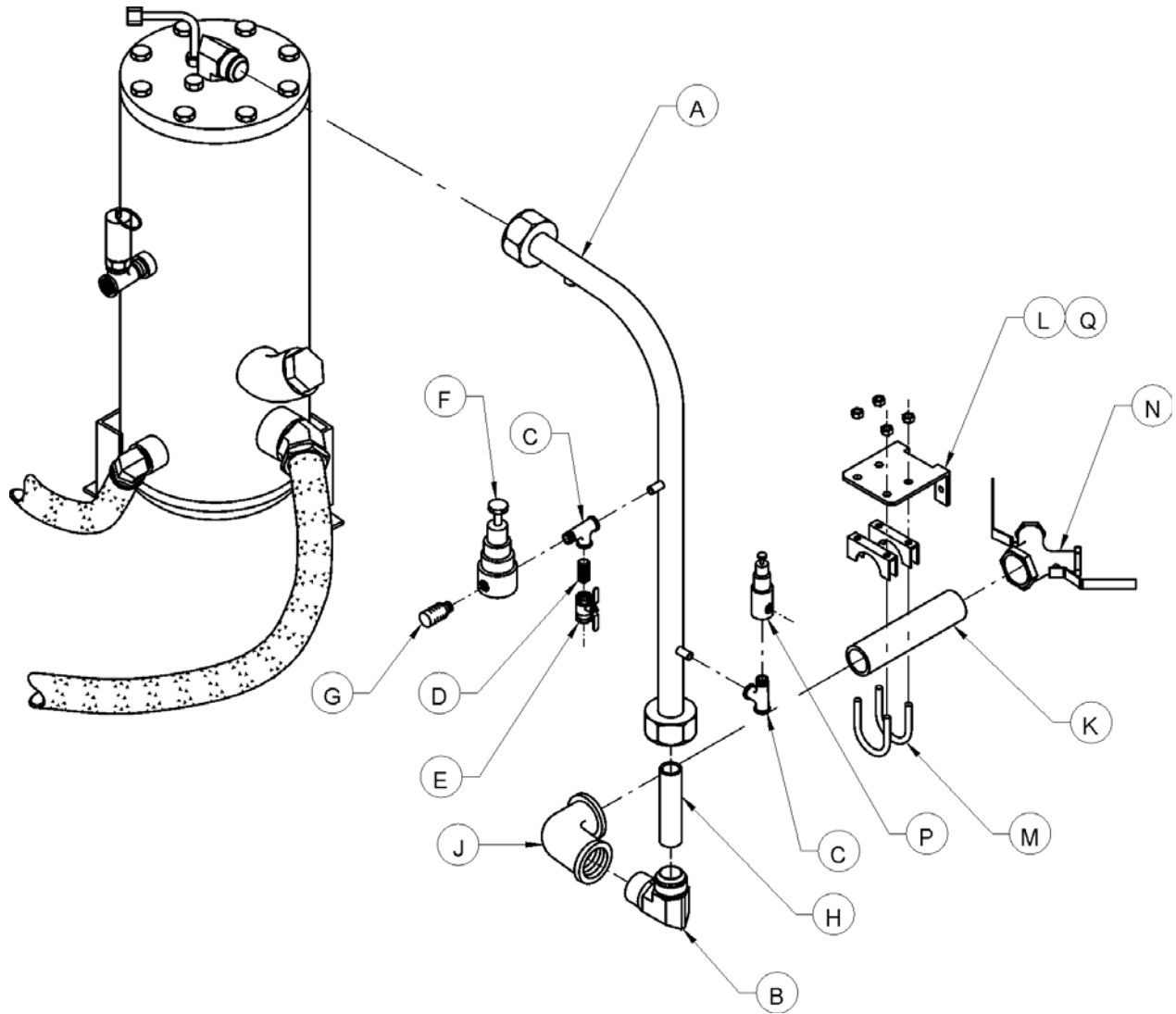
SERVICE AIR COMPLETE



22478390_07_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36891505	TUBE, SERVICE AIR	1	
B	95219861	ELBOW, TUBE 90° 1-5/8-12	1	
C	35114545	TEE, STREET 1/4" NPT	2	
D	95048914	NIPPLE, 1/4" NPT	1	
E	35324839	VALVE, BALL	1	
F	35322379	VALVE, BLOWDOWN	1	Repair Kit 35379064
G	36766772	ORIFICE, MUFFLER .062	1	
H	35608009	NOZZLE, .319 SONIC	1	P130 Prior to S/N 305271
	36923910	NOZZLE, .319 SONIC ORIFICE	1	P130 Begin with S/N 305271
	35608025	NOZZLE, .378 SONIC	1	P175
	36865129	NOZZLE, .394 SONIC	1	P185 Prior to S/N 305271
	36921377	NOZZLE, .395 SONIC ORIFICE	1	P185 Begin with S/N 305271

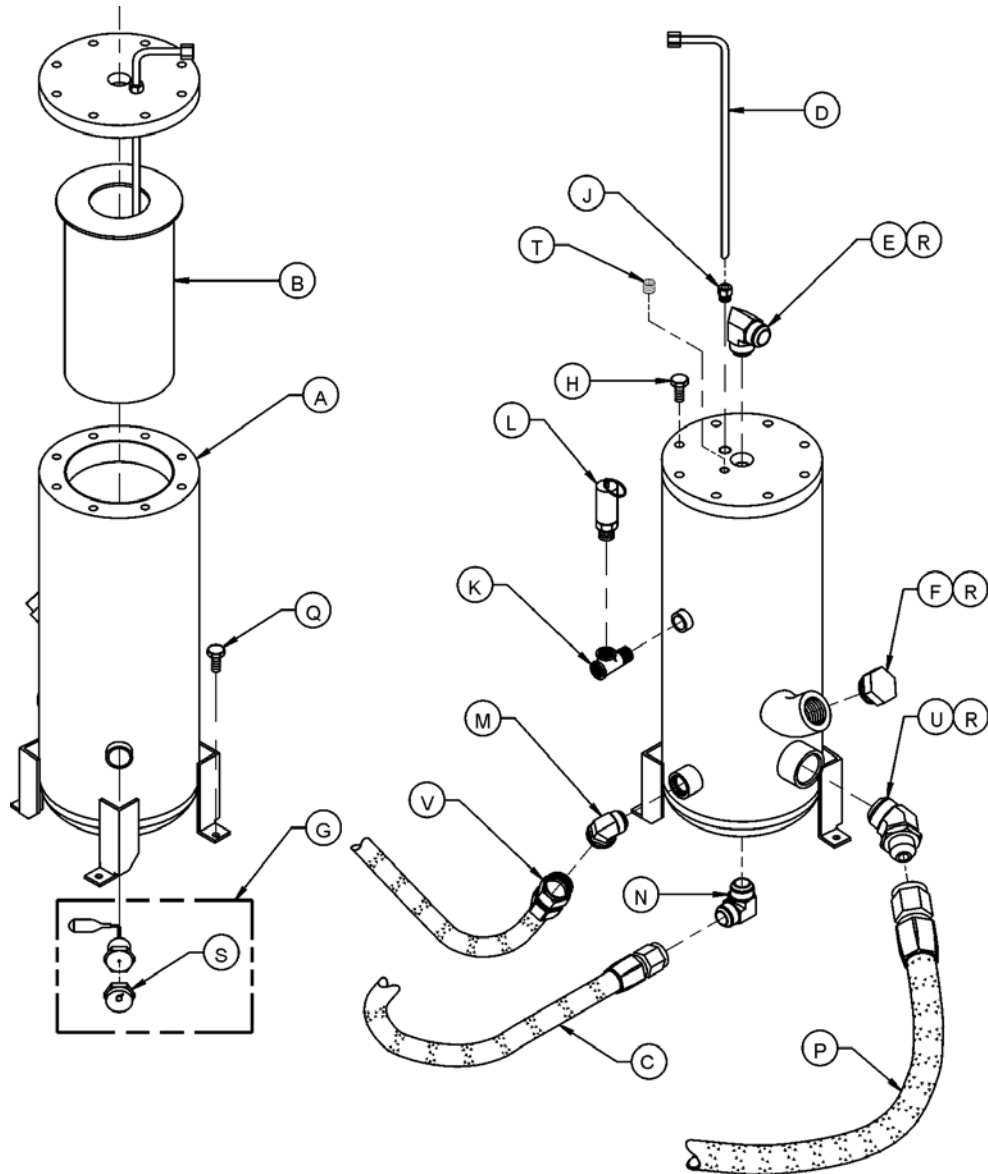
SERVICE AIR COMPLETE cont'd



22478390_07_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
J	95953378	ELBOW, STREET 90° 1-1/4 NPT	1	Diaph. Repair Kit 35387919
K	95916268	NIPPLE, LONG 1-1/4 X 8"	1	
L	36890846	BRACKET, SERVICE PIPE	1	
M	36785277	CLAMP, SADDLE 1.62 DIA.	1	
N	36881076	VALVE, WYE	1	
P	36854149	VALVE, PRESSURE REGULATOR	1	
Q	35279025	SCREW, TAPPING M08-1.25 X 20	2	

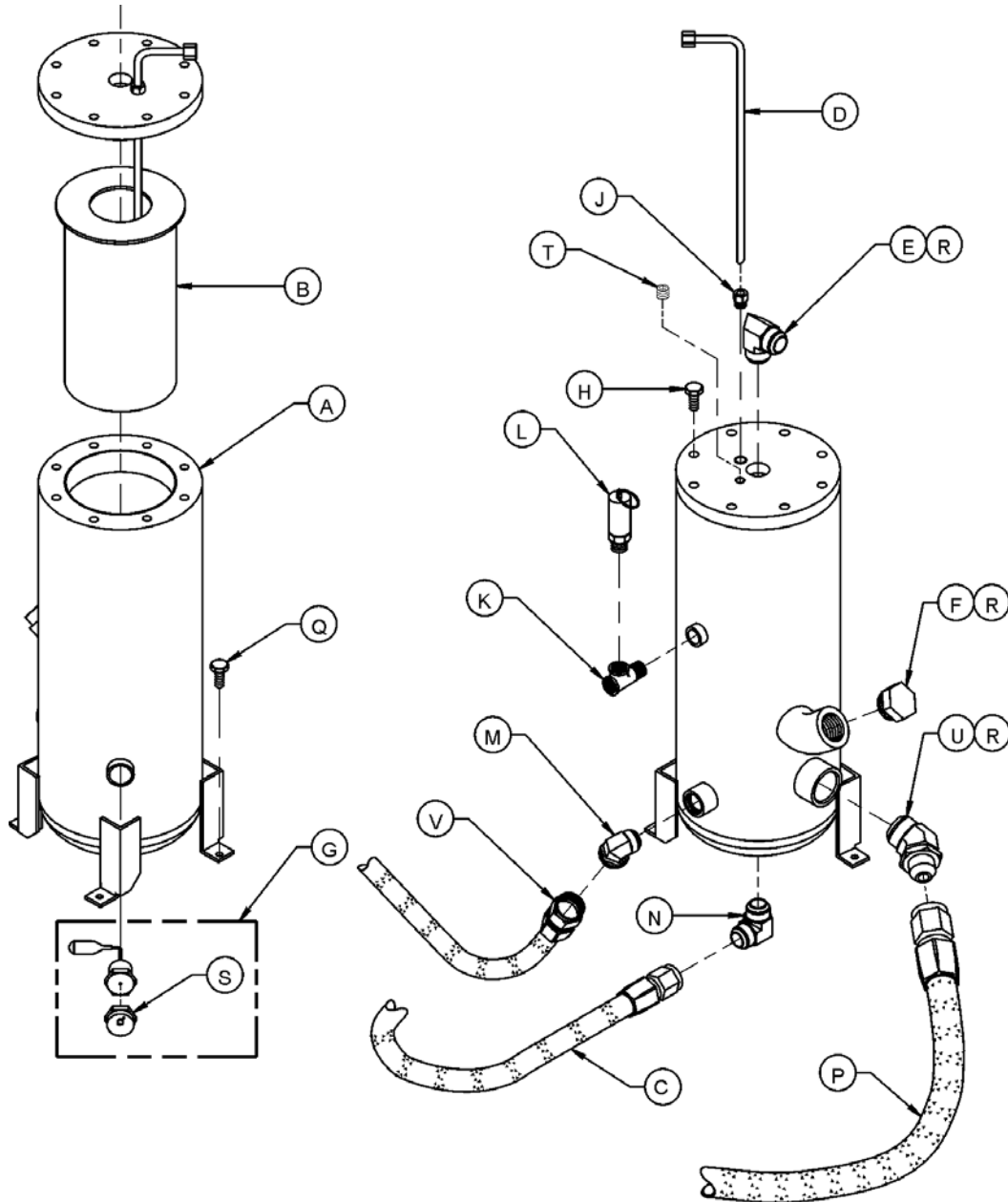
SEPARATOR TANK COMPLETE



22478390_08_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54465984	TANK, SEPARATOR	1	
B	36845303	ELEMENT, SEPARATOR	1	Prior to S/N 369838
	22402226	ELEMENT, SEPARATOR	1	Begin w/ S/N 369838
C	35283043	HOSE ASSEMBLY	1	
D	36781227	TUBE, SCAVENGE	1	
E	35279777	ELBOW, 90° 1.62-12 X -20 JIC w/ O-RING	1	
F	35579630	PLUG, HEX OIL FILL	1	
G	36891083	GAUGE ASSEMBLY, OIL LEVEL	1	
H	36877793	SCREW, HEX M12-1.75 X 40	8	
J	36890317	FITTING, SCAVENGE	1	Prior to S/N 348428
	35329309	FITTING, SCAVENGE	1	Begin w/ S/N 348428
K	95944708	TEE, STREET 1/2" NPT	1	
L	35325166	VALVE, SAFETY	1	

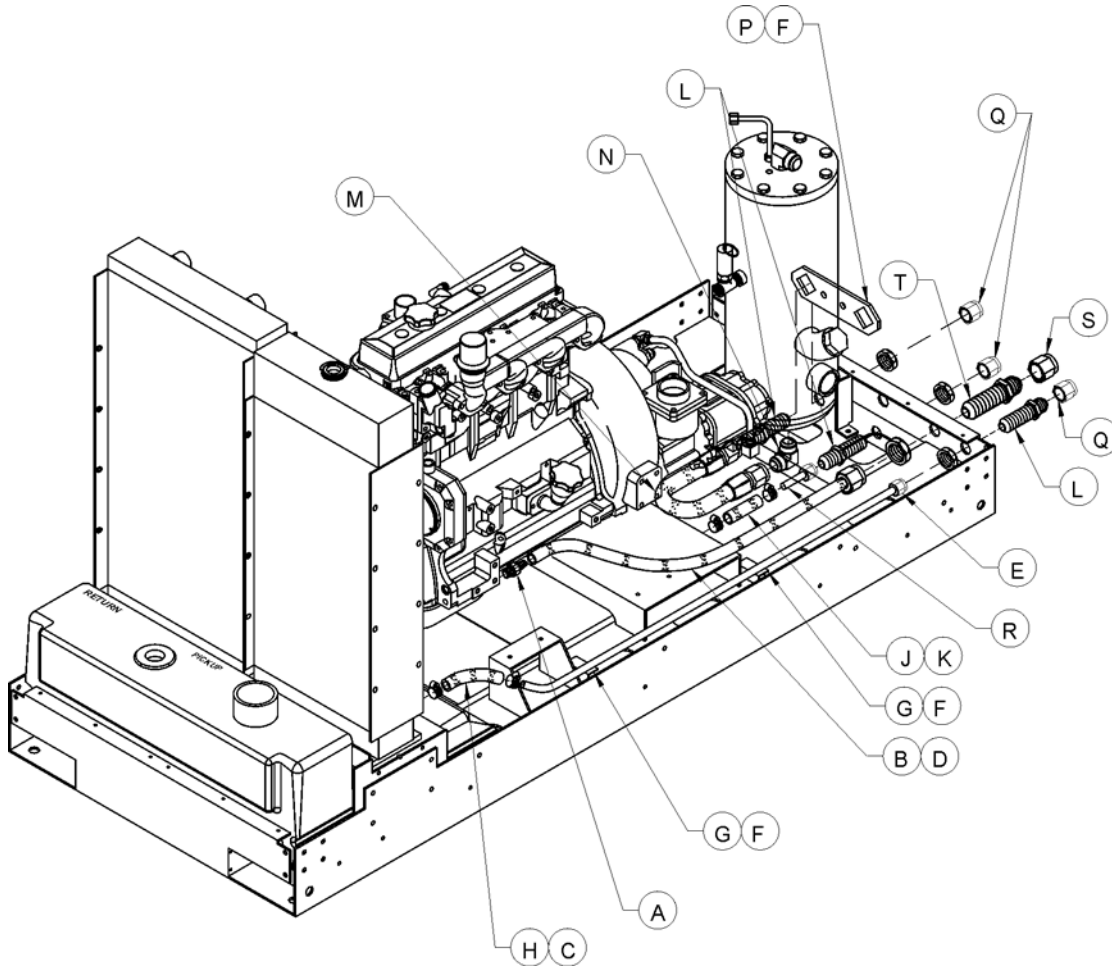
SEPARATOR TANK COMPLETE



22478390_08_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M	35294727	ELBOW, 45° 1.06-12 X -12 JIC	1	Included with Item G
N	36891059	ELBOW, LONG 90° 3/4-16 X 3/4-16	1	
P	35121243	HOSE ASSEMBLY	1	
Q	35279025	SCREW, TAPPING M08-1.25 X 20	3	
R	35279942	O-RING	3	
S	36891489	POINTER ASSEMBLY, ROTATING	1	
T	95252409	PLUG, HEX 1/4" NPT	1	
U	35283191	ELBOW, 90° 1-5/8-12 X -20 JIC SWIVEL	1	
V	35283043	HOSE ASSEMBLY	1	

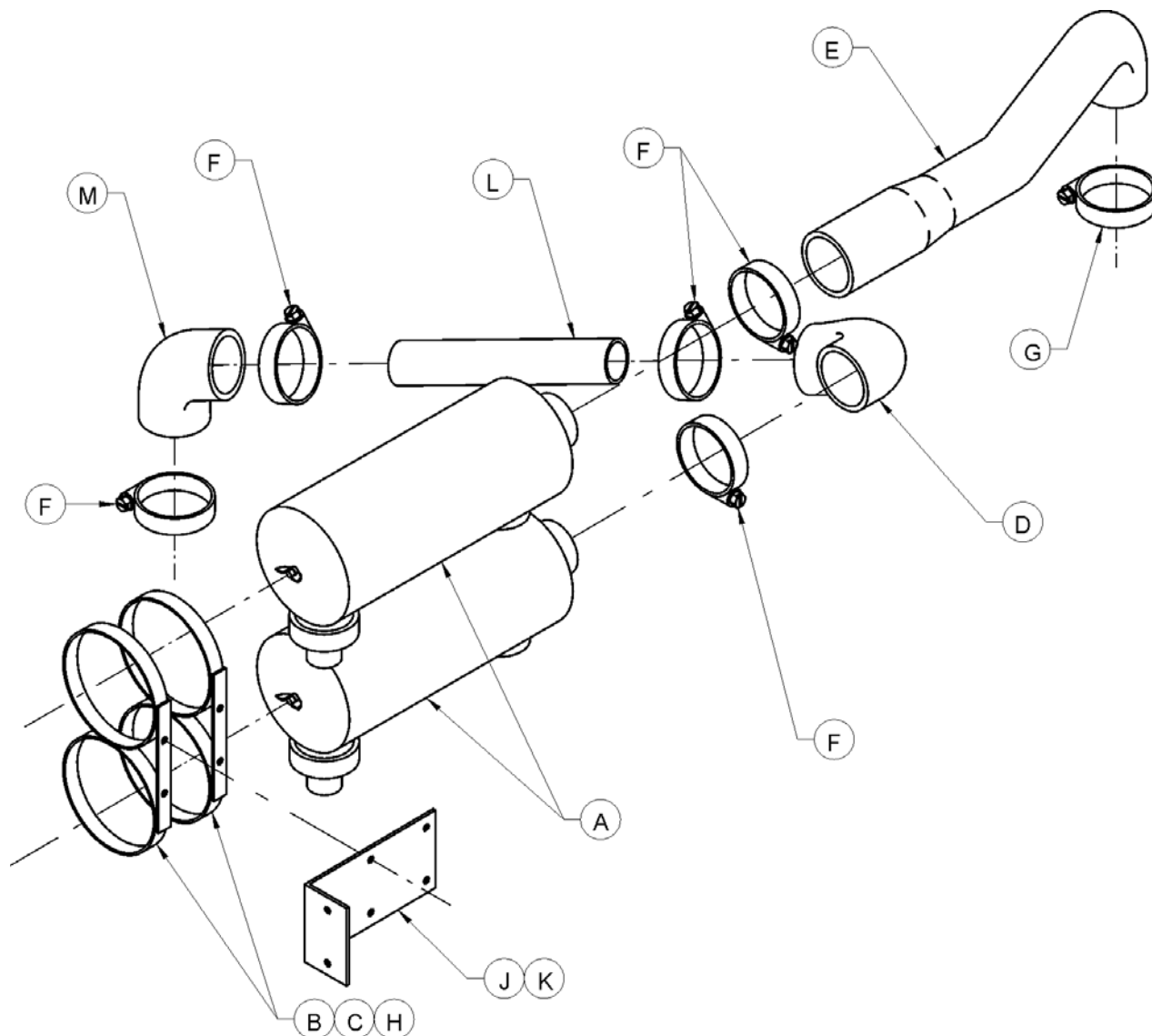
CENTRAL DRAINS



22478390_09_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35294735	ELBOW, 90° 3/4 NPT X -12 JIC	1	
B	35323807	HOSE, ENGINE OIL DRAIN	1	
C	95220844	CLAMP, HOSE 9/16"	3	
D	35114081	CLAMP, HOSE 1-1/16"	1	
E	36891067	TUBE, RADIATOR DRAIN	1	
F	35279025	SCREW, TAPPING M08-1.25 X 20	6	
G	36891588	BRACKET, DRAIN PIPING	2	
H	36892479	HOSE	15"	
J	36892172	HOSE, DRAIN CONNECTOR	1	
K	95220851	CLAMP, WORMGEAR	2	
L	35285451	UNION, BULKHEAD	3	
M	35283043	HOSE ASSEMBLY	1	
N	36891059	ELBOW, LONG 90° 3/4-16 X 3/4-16	1	
P	36891208	WRENCH, PLATE	1	
Q	35313428	CAP, 3/4-16	3	Prior to S/N 312370
	95257325	CAP, -8 JIC TUBE	3	Begin w/ S/N 312370
R	36891042	TUBE, FUEL DRAIN	1	
S	95730172	CAP, 1-1/16-12	1	
T	95332599	CONNECTOR, BULKHEAD 1-1/16-12	1	

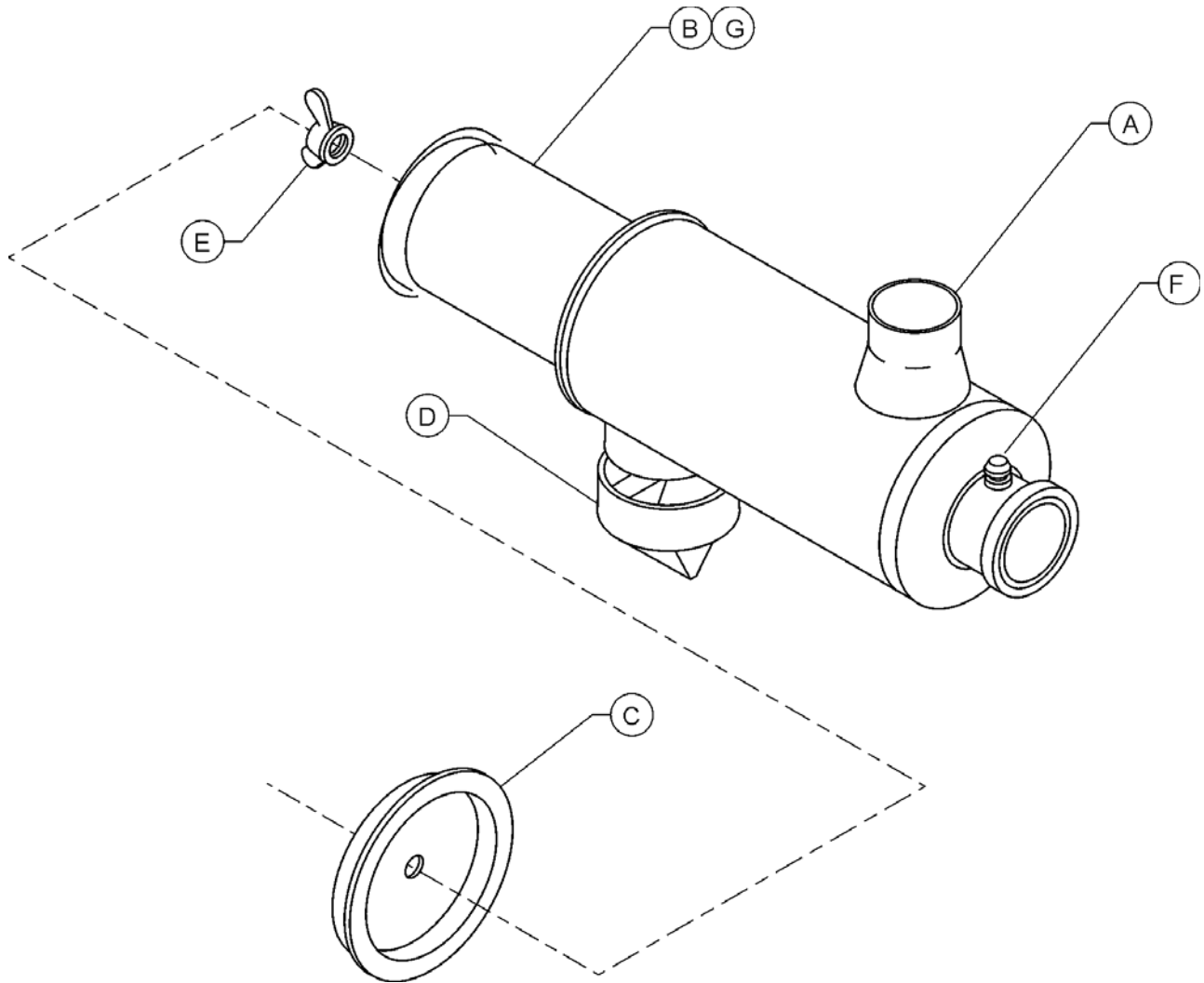
AIR INTAKE COMPLETE



22478390_10_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36862829	AIR CLEANER ASSEMBLY	2	Prior to S/N 353980 Begin w/ S/N 353980
B	36778587	BAND, AIR CLEANER	2	
C	96702048	SCREW, HEX M08-1.25 X 16	4	
	96702816	SCREW, HEX CAP M08-1.25 X 16	4	
D	36778496	HOSE, AIR INTAKE	1	
E	36891828	HOSE, ENGINE AIR INTAKE	1	
F	35374073	CLAMP, T-BOLT 3.62" DIA.	5	
G	35314996	CLAMP, T-BOLT 3.12" DIA.	1	
H	36881886	NUT, HEX FLANGE M08-1.25	4	
J	36890614	BREACKET, AIR FILTER MOUNTING	1	
K	35279025	SCREW, TAPPING M08-1.25 X 20	2	
L	35295229	TUBE, AIR INLET	1	
M	36892032	HOSE, AIREND AIR INTAKE	1	P130-P175
	36892024	HOSE, AIREND AIR INTAKE	1	P185

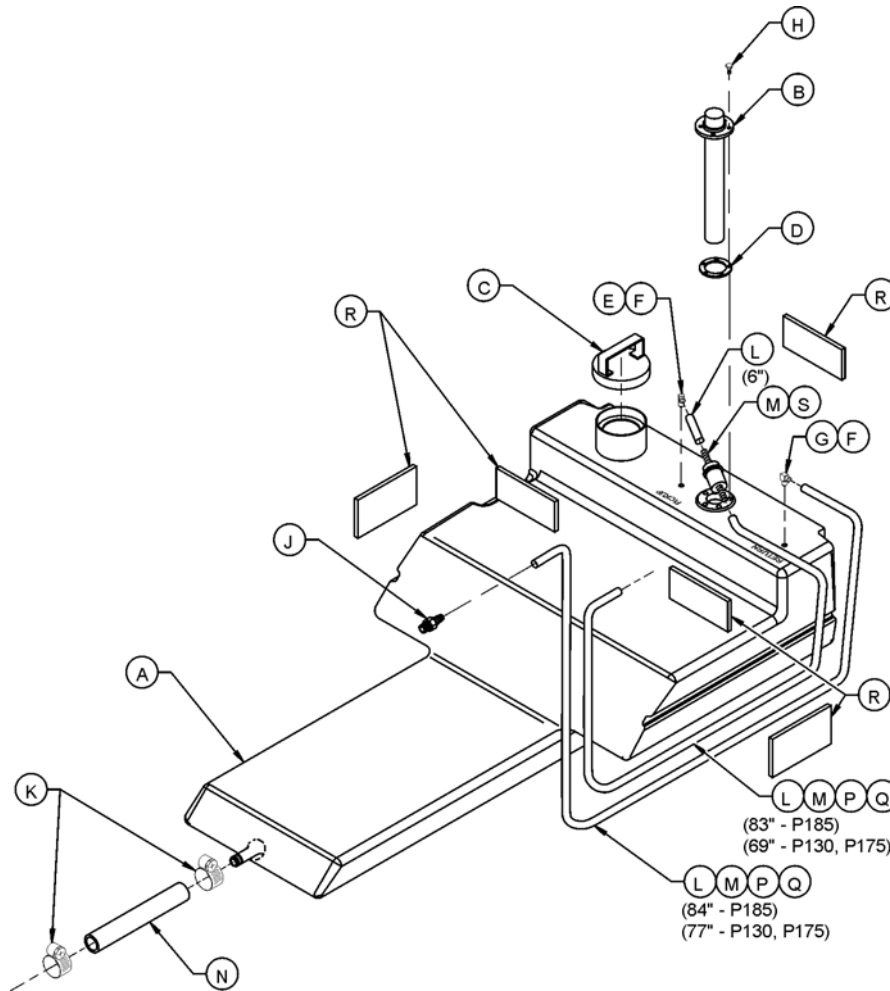
AIR CLEANER ASSEMBLY



22478390_11_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35388883	BODY, AIR CLEANER	1	
B	36873423	ELEMENT, AIR CLEANER	1	
C	3526032	COVER, AIR CLEANER	1	
D	35388891	VALVE, VACUATOR	1	
E	35291475	NUT, AIR CLEANER	1	
F	36790277	CAP, HEX	1	
G	35321637	ELEMENT, SAFETY (OPTION)	1	
	35291475	NUT, AIR CLEANER (OPTION)	1	

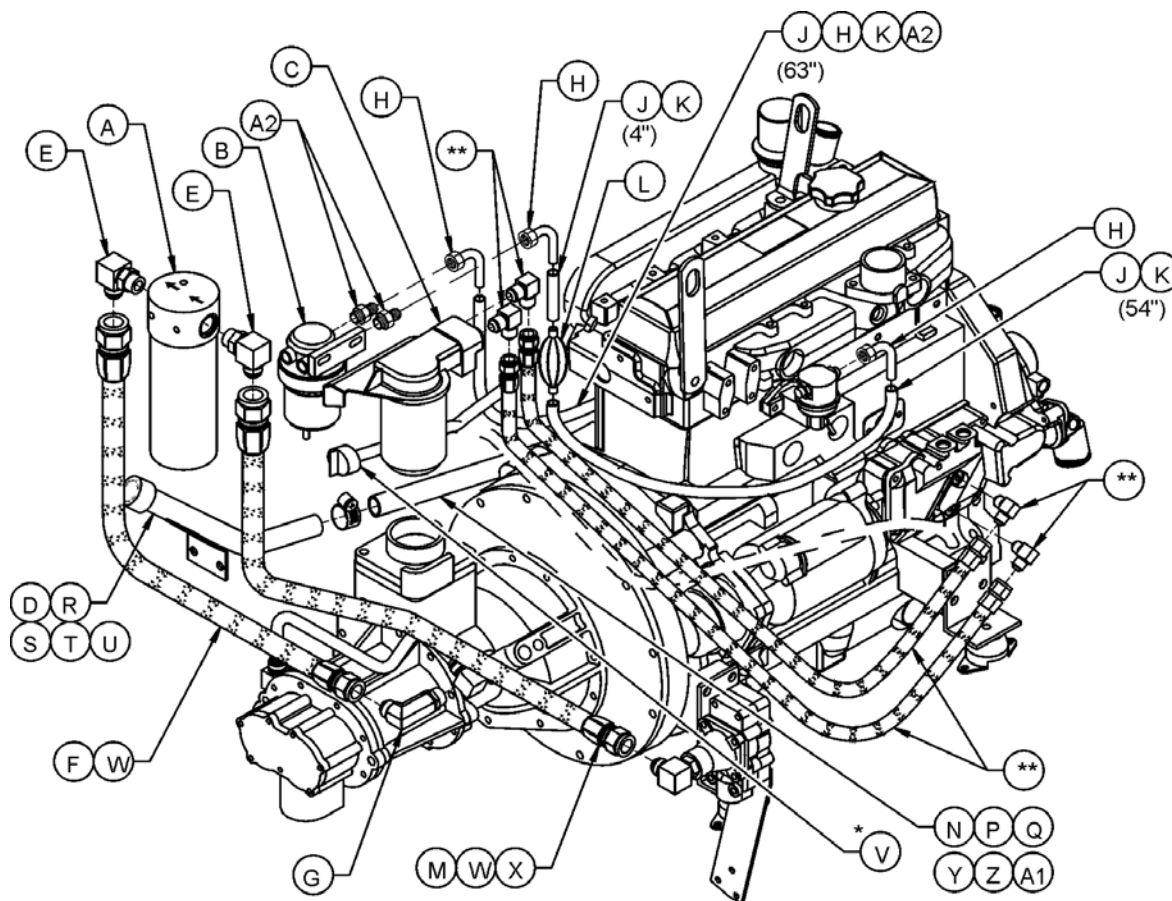
FUEL TANK COMPLETE



22478390_12_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36889939	TANK, FUEL	1	
B	36890200	SENDER, FUEL LEVEL	1	
C	36885564	CAP, FUEL TANK	1	
D	35361849	GSKET, FUEL SENDER	1	
E	36892156	STANDPIPE ASSEMBLY, PICKUP	1	
F	35384577	BUSHING, NITRILE	2	
G	36892164	STANDPIPE ASSEMBLY, RETURN	1	
H	95916532	SCREW, FILISTER HEAD #10-32 X 1/2"	5	
J	35322460	UNION, BARBED TUBE	1	Prior to S/N 312099
	36895977	REDUCER, FUEL LINE	1	Begin w/ S/N 312099
K	95220851	CLAMP, HOSE	2	
L	35363498	HOSE, 5/16" FUEL	~	See Length Above
M	35296342	CLAMP, WORMGEAR	6	
N	36892172	HOSE, DRAIN CONNECTOR	1	
P	35225093	CLAMP, 1/2" RUBBER COATED	3	
Q	35279025	SCREW, TAPPING M08-1.25 X 20	1	
R	36767051	FOAM, CLOSED CELL	5	
S	36845493	FILTER, IN-LINE FUEL	1	

REMOTE FILTERS COMPLETE



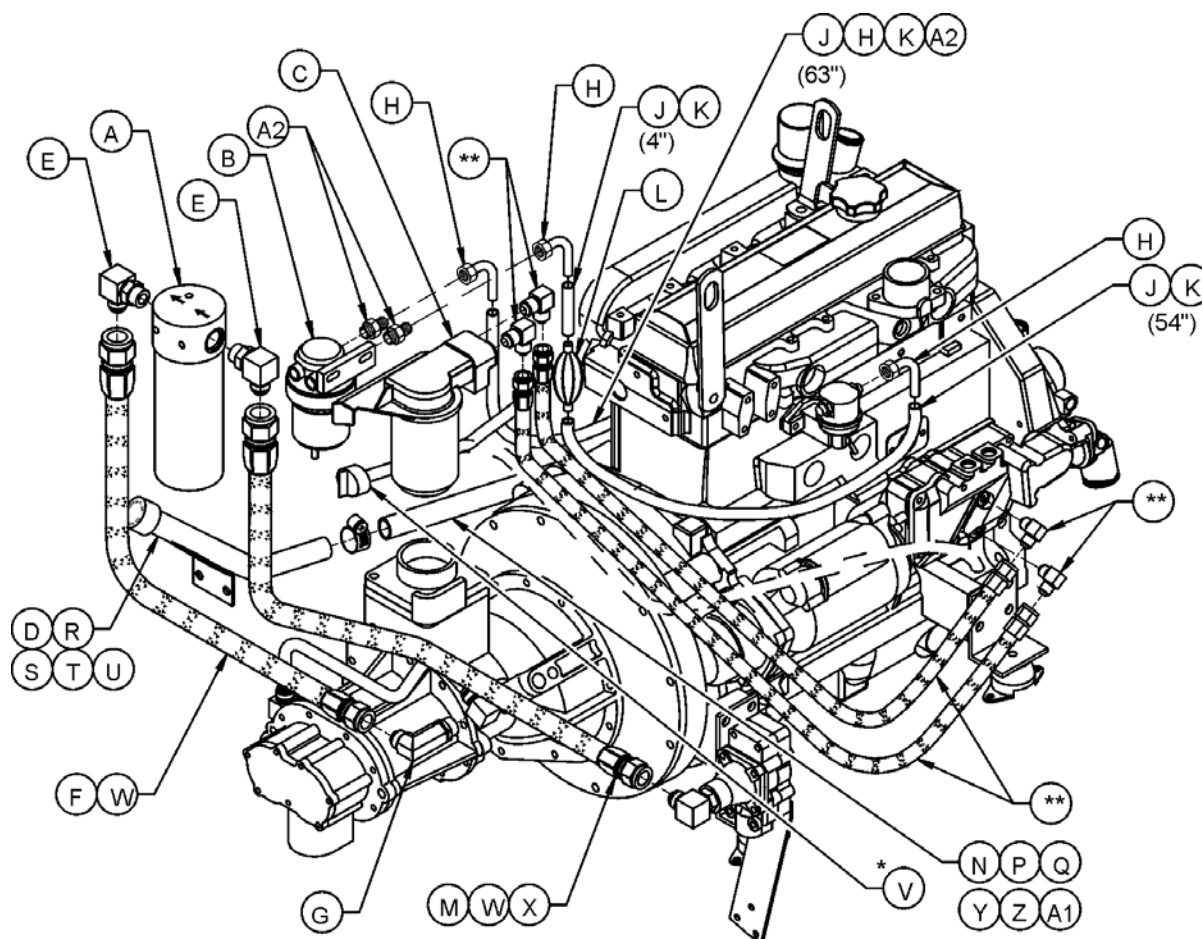
* P185 MOUNTING SHOWN SOLID - P130, P175 MOUNTING SHOWN PHANTOM

** FURNISHED BY ENGINE MANUFACTURER

22478390_13_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35355460	HEAD, OIL FILTER	1	Prior to S/N 300624
	36897445	HEAD, OIL FILTER	1	Begin with S/N 300624
	35296920	ELEMENT, OIL FILTER		Prior to S/N 300624
	36897353	ELEMENT, OIL FILTER	1	Begin with S/N 300624
B	35389527	ELEMENT, ENGINE FUEL FILTER	1	
C	36881696	ELEMENT, ENGINE OIL FILTER	1	
D	36891968	TUBE, OIL FILL	1	
E	35294750	ELBOW, 90° 1-1/16-12 X -12 JIC	2	
	35289503	HOSE ASSEMBLY	1	P130-P175
F	35323864	HOSE ASSEMBLY	1	P185
	35295880	CONNECTOR, 1.06-12 X -12 JIC	1	P130-P175
G	36885093	ELBOW, LONG 90° 1-1/16-12 X -12 JIC	1	P185
	36889350	LINE, 90° FUEL	4	
J	35363498	HOSE, 5/16" FUEL	~	See Lengths Above
K	35296342	CLAMP, WORMGEAR	6	
L	36889947	BULB, FUEL PRIMER	1	
M	35289503	HOSE ASSEMBLY	1	

REMOTE FILTERS COMPLETE cont'd



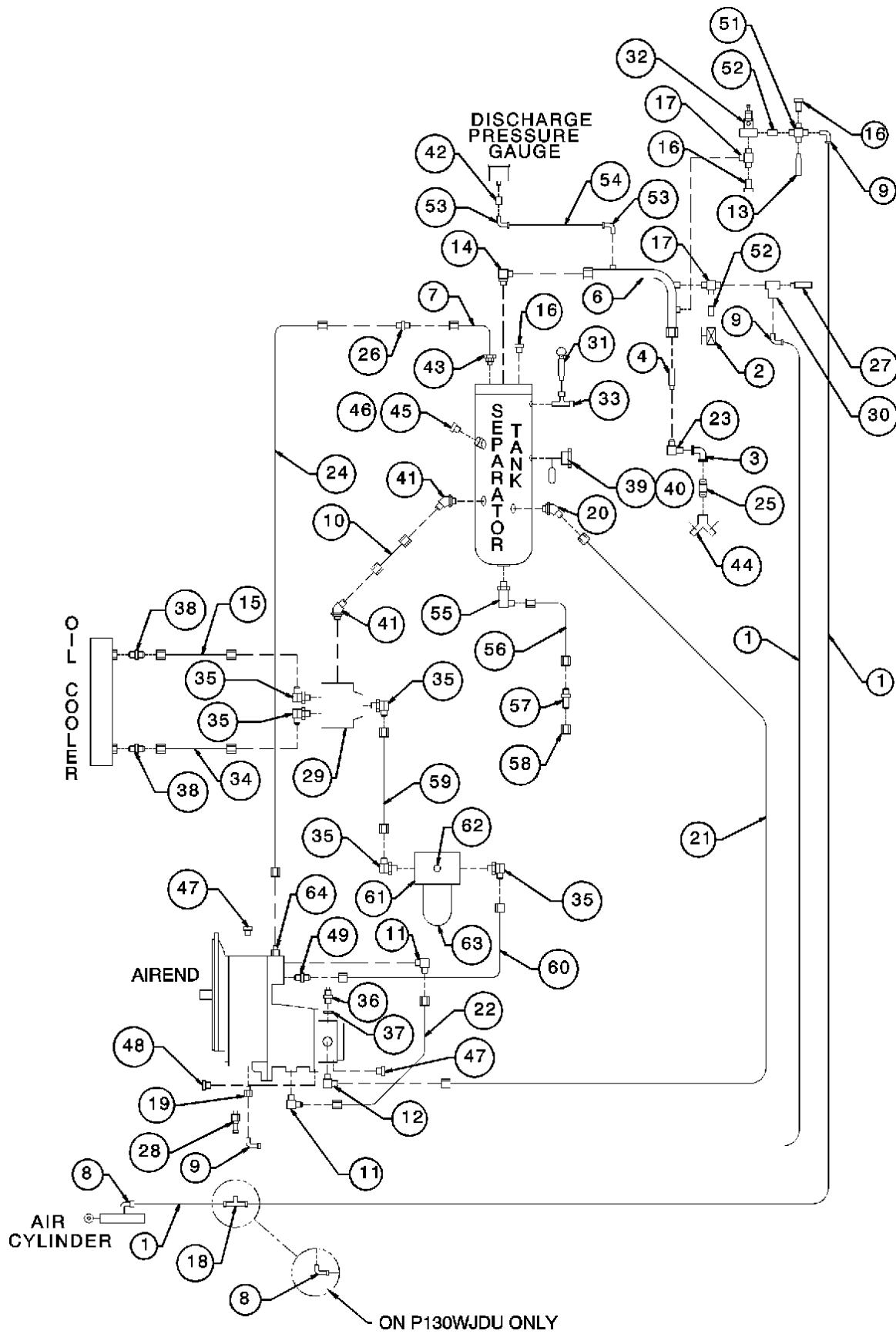
* P185 MOUNTING SHOWN SOLID - P130, P175 MOUNTING SHOWN PHANTOM

** FURNISHED BY ENGINE MANUFACTURER

22478390_13_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	36890895	HOSE, OIL FILL	1	P130-P175 P185
P	35221662	CLAMP, HOSE	2	
Q	36891117	ADAPTER, ENGINE OIL FILL	1	
	36891109	ADAPTER, ENGINE OIL FILL	1	
R	35113885	CLAMP, 1-1/4" SUPPORT	1	
S	35376953	SCREW, HEX FLANGE M10-1.50 X 20	1	
T	36879195	NUT, HEX FLANGE M10-1.50	1	
U	36877587	RIVET, 3/16" DIA. ALUM.	1	
V	36890176	DIPSTICK, REMOTE MOUNT	1	
	36890168	DIPSTICK, REMOTE MOUNT	1	
W	35114081	CLAMP, 1-1/16" SUPPORT	2	P185
X	35300771	SCREW, TAPPING M06-1.0 X 20	1	
Y	96702055	SCREW, HEX M08-1.25 X 20	2	
Z	95934998	WASHER, FLAT	1	
A1	36894160	GASKET, ENGINE OIL FILL	1	
A2	36895472	CONNECTOR, FUEL FILTER	3	

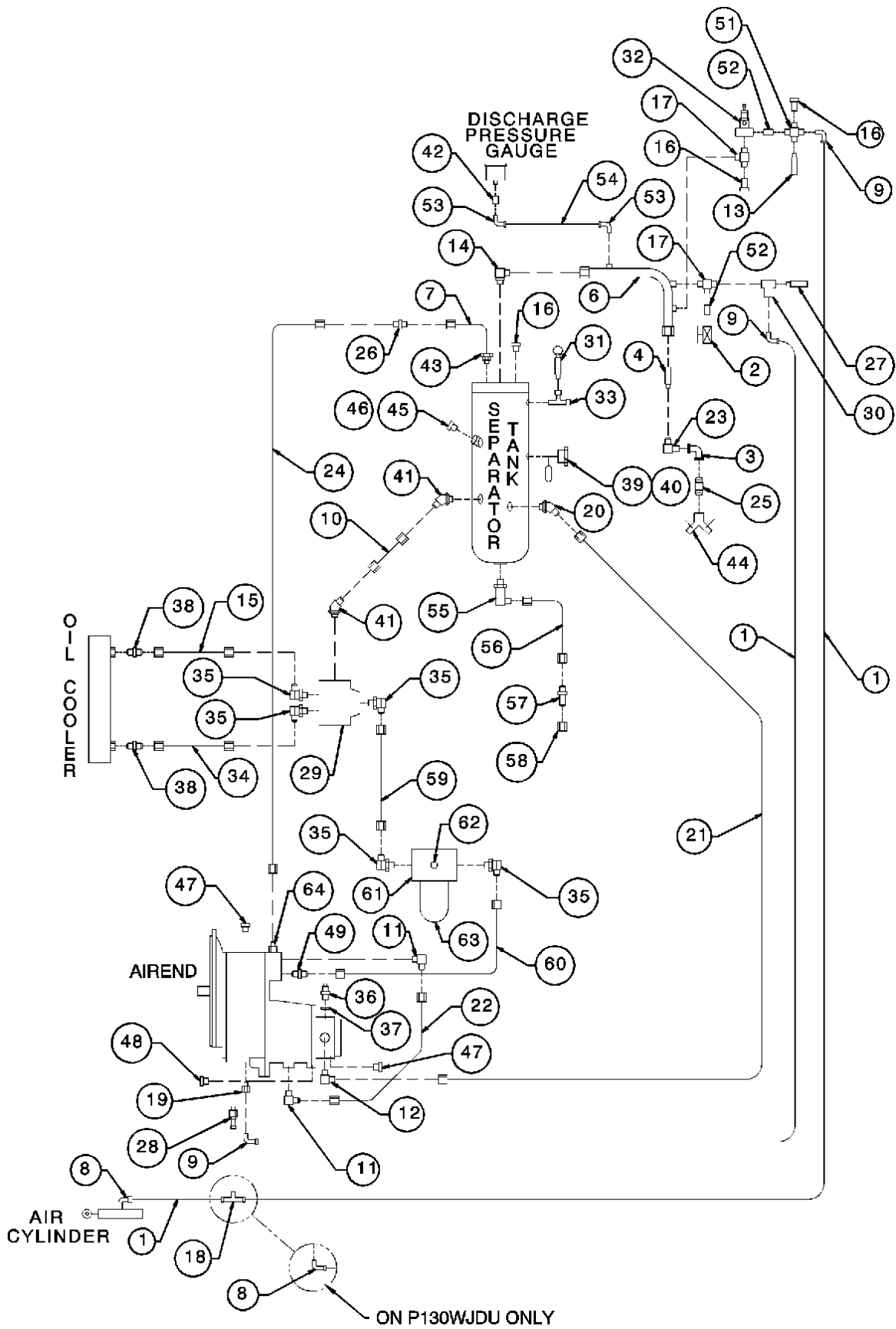
AIR and OIL PIPING



22478390_14_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35356484	TUBING, 3/8" OD	~	P130 Prior to S/N 305271 P130 Begin with S/N 305271 P175 P185 Prior to S/N 305271 P185 Begin with S/N 305271
2	35324839	VALVE, BALL	~	
3	95953378	ELBOW, STREET 90° 1-1/4 NPT	~	
4	35608009	NOZZLE, .319 SONIC	~	
	36923910	NOZZLE, .319 SONIC ORIFICE	~	
	35608025	NOZZLE, .378 SONIC	~	
	36865129	NOZZLE, .394 SONIC	~	
	36921377	NOZZLE, .395 SONIC ORIFICE	~	
6	36891505	TUBE, SERVICE AIR	~	
7	36781227	TUBE, SCAVENGE	~	
8	35370386	ELBOW, 90° 1/8" NPT X 3/8" TUBE	~	
9	35369354	ELBOW, 90° 1/4" NPT X 3/8" TUBE	~	
10	35287721	HOSE ASSEMBLY	~	
11	35286491	ELBOW, SWIVEL 90° 7/8-14 X -10 JIC	~	
12	35374867	ELBOW, RED. 90° 1-7/8-12 X -20 JIC	~	
13	36766756	ORIFICE, MUFFLER .140	~	
14	35279777	ELBOW, 90° 1.62-12 X -20 JIC w/ O-RING	~	
15	36891091	TUBE, OIL	~	
16	95928230	PLUG, 1/4" NPT HEX SOCKET PIPE	~	
17	35114545	TEE, STREET 1/4" NPT	~	
18	35369396	TEE, 1/8" NPT BRANCH X 3/8" TUBE	~	
19	35302314	ADAPTER, 9/16-18 X 1/4" FEMALE NPT	~	
20	35283191	ELBOW, 90° 1-5/8-12 X -20 JIC SWIVEL	~	
21	35121243	HOSE ASSEMBLY	~	
22	36764553	TUBE ASSEMBLY	~	
23	95219861	ELBOW, TUBE 90° 1-5/8-12	~	
24	35315407	HOSE ASSEMBLY	~	
25	95916268	NIPPLE, LONG 1-1/4 X 8"	~	
26	36840437	VALVE, INLINE .062 ORIFICE / CHECK	~	
27	36766772	ORIFICE, MUFFLER .062	~	
28	36886992	VALVE, INLINE .078 ORIFICE / CHECK	~	
29	36884179	VALVE, OIL TEMPERAURE BYPASS	~	
30	35322379	VALVE, BLOWDOWN	~	
	35379064	KIT, BLOWDOWN VALVE REPAIR	~	
31	35325166	VALVE, SAFETY	~	
32	36854149	VALVE, PRESSURE REGULATOR	~	
	35387919	KIT, DIAPHRAGM REPAIR	~	

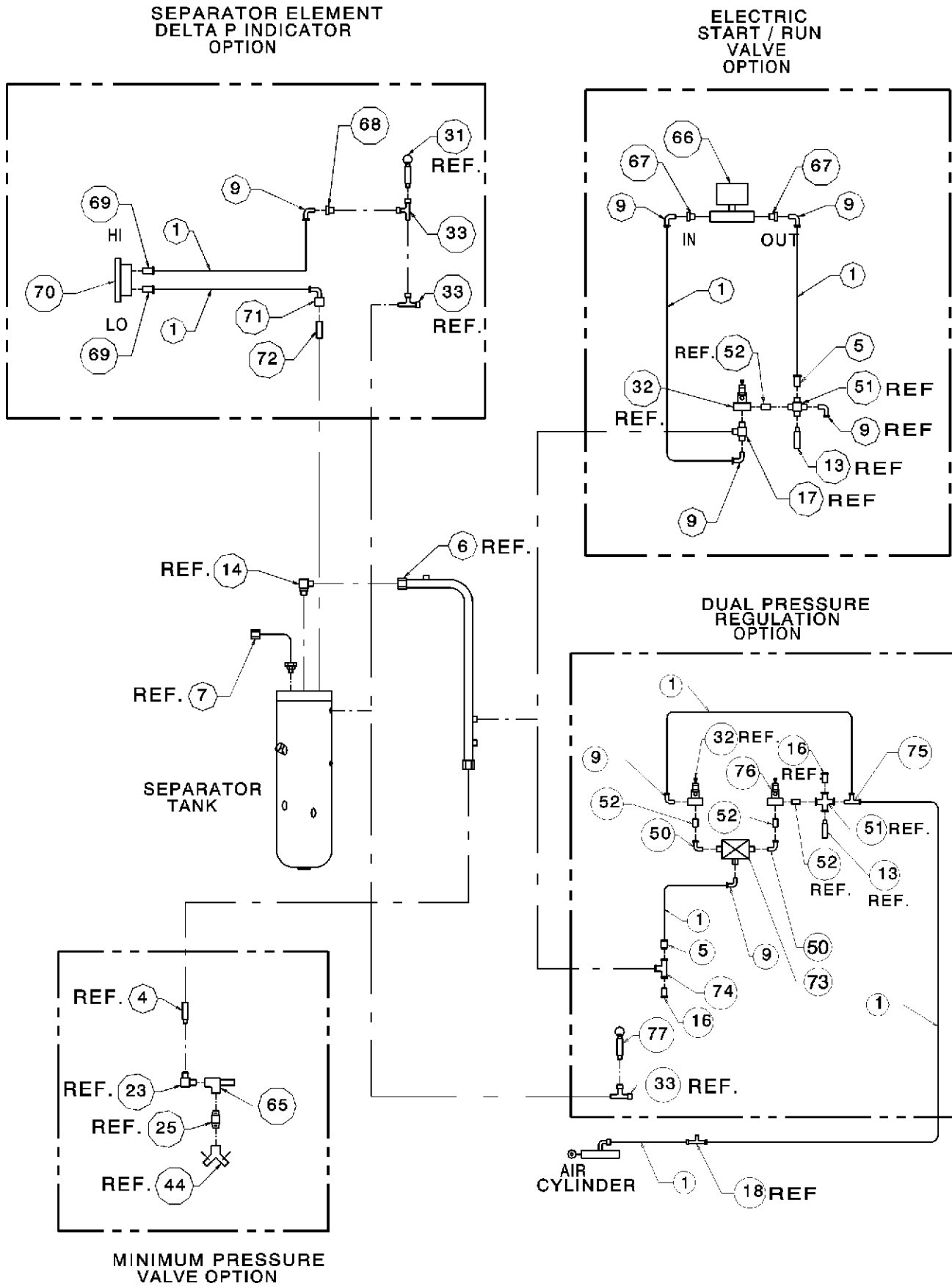
AIR and OIL PIPING cont'd



22478390_14_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
33	95944708	TEE, STREET 1/2" NPT	~	
34	36891133	TUBE, OIL	~	
35	35294750	ELBOW, 90° 1-1/16-12 X -12 JIC	~	
36	35596436	SWITCH, TEMPERATURE SHUTDOWN	~	
37	39404165	O-RING	~	
38	35295880	CONNECTOR, 1.06-12 X -12 JIC	~	
39	36891083	GAUGE ASSEMBLY, OIL LEVEL	~	
40	36891489	POINTER ASSEMBLY, ROTATING	~	Included with Item 39
41	35294727	ELBOW, 45° 1.06-12 X -12 JIC	~	
42	95935599	COUPLING, PIPE 1/8-27 X 3/4"	~	Prior to S/N 337962
43	36890317	FITTING, SCAVENGE	~	
44	36881076	VALVE, WYE	~	
45	35579630	PLUG, HEX OIL FILL	~	
46	35279942	O-RING	~	
47	35287556	PLUG, HEX 5/16-18	~	
48	35289057	PLUG, HEX 7/16-20	~	
49	36885093	ELBOW, LONG 90° 1-1/16-12 X -12 JIC	~	P185
	35295880	CONNECTOR, 1.06-12 X -12 JIC	~	P130-P175
51	95954293	CROSS, STRAIGHT 1/4" NPT	~	
52	95667341	NIPPLE, PIPE 1/4" NPT X 7/8"	~	
53	36891547	ELBOW, 90° 1/8" NPT X 3/8" TUBE	~	
54	36891562	TUBE, 1/8" OD	~	
55	36891059	ELBOW, LONG 90° 3/4-16 X 3/4-16	~	
56	35283043	HOSE ASSEMBLY	~	
57	35285451	UNION, BULKHEAD	~	
58	35313428	CAP, 3/4-16	~	
59	35289503	HOSE ASSEMBLY	~	
60	35323864	HOSE ASSEMBLY	~	P185
	35289503	HOSE ASSEMBLY	~	P130-P175
61	35355460	HEAD, OIL FILTER	~	Prior to S/N 300624
	36897445	HEAD, OIL FILTER	~	Begin with S/N 300624
62	35287556	PLUG, HEX 5/16-18	~	
63	35296920	ELEMENT, OIL FILTER	~	Prior to S/N 300624
	36897353	ELEMENT, OIL FILTER	~	Begin with S/N 300624
64	35612175	CONNECTOR, REDUCING 3/4-16 X -4 JIC	~	

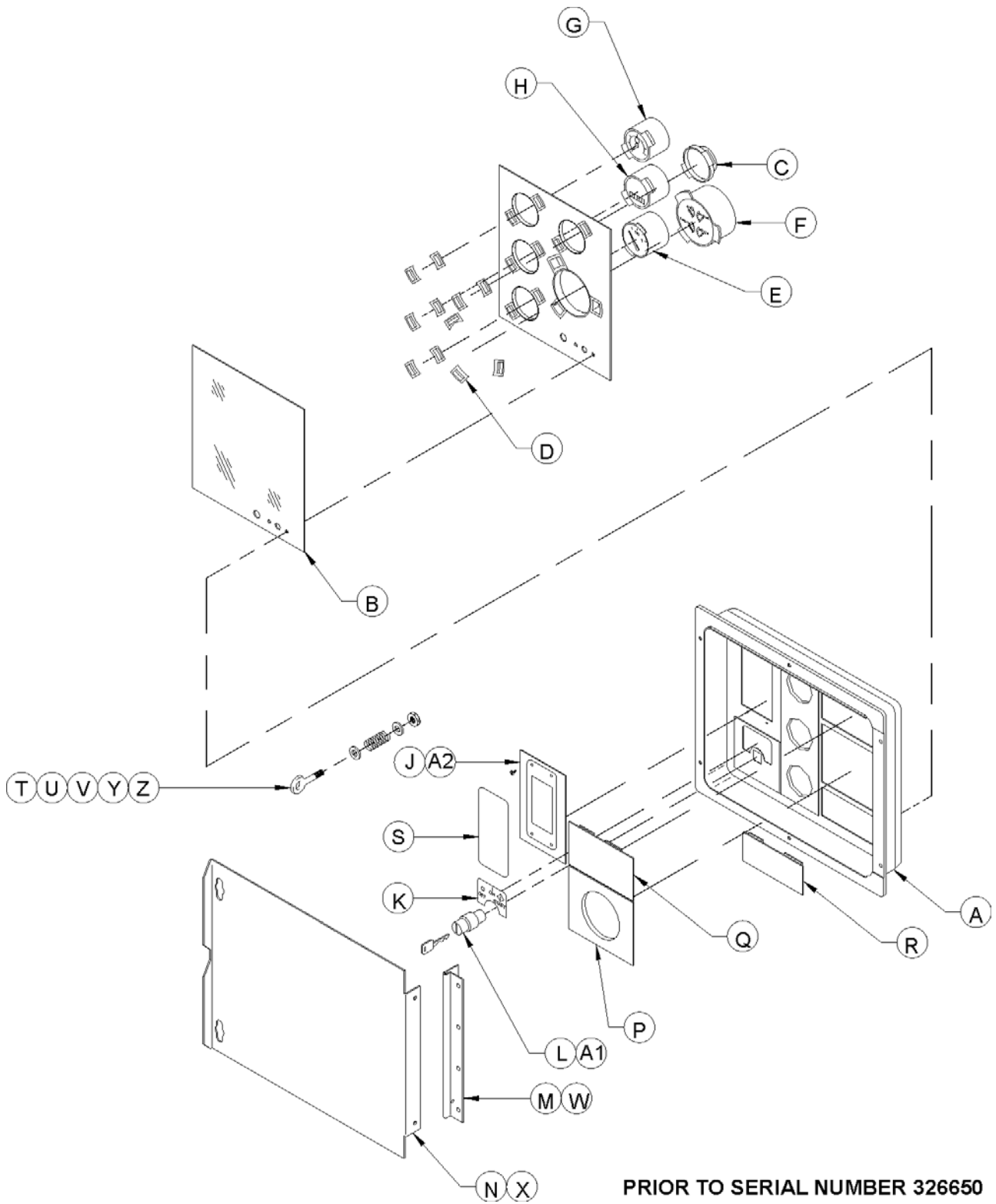
AIR and OIL OPTION PIPING



22478390_15_04/06_A

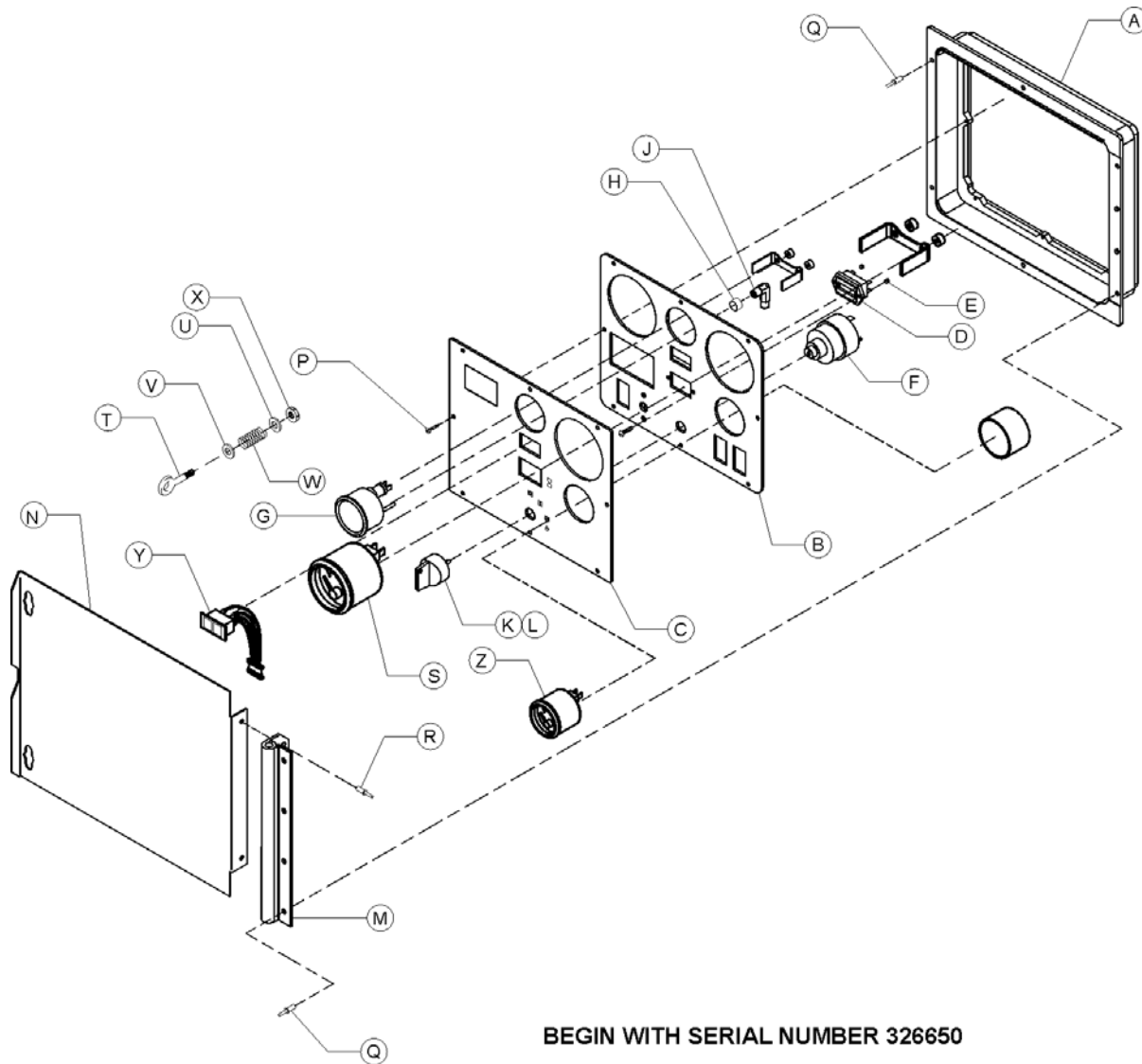
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35356484	TUBING, 3/8" OD	~	
5	35369347	CONNECTOR, MALE 1/4" NPT X 3/8" TUBE	~	
9	35369354	ELBOW, 90° 1/4" NPT X 3/8" TUBE	~	
33	95944708	TEE, STREET 1/2" NPT	~	
50	95944666	ELBOW, STREET 90° 1/4" NPT	~	
52	95667341	NIPPLE, PIPE 1/4" NPT X 7/8"	~	
65	36776219	VALVE, MINIMUM PRESSURE	~	
66	36843142	VAVLE, SOLENOID 12VDC	~	
67	95940748	BUSHING, REDUCING 3/8" NPT X 1/4" NPT	~	
68	95944625	BUSHING, REDUCING 1/2" NPT X 1/4" NPT	~	
69	35379700	CONNECTOR, MALE 1/8" NPT X 3/8" TUBE	~	
70	35825546	INDICATOR, PRESSURE	~	
71	35377035	ELBOW, 90° FEMALE 1/4" NPT X 3/8" TUBE	~	
72	95084059	NIPPLE, LONG PIPE 1/4" NPT X 3"	~	
73	36864684	VALVE, 3-WAY 1/4" NPT	~	
74	35321272	TEE, FEMALE PIPE 1/4" NPT	~	
75	35369503	TEE, MALE RUN 1/4" NPT X 3/8" TUBE	~	
76	36854495	REGULATOR, PRESSURE	~	
	35387919	KIT, DIAPHRAGM REPAIR		
77	35375971	VALVE, SAFETY 188 PSI	~	

INSTRUMENT PANEL PRIOR to S/N 326650



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36884492	FRAME ASSEMBLY, RECESSED	1	Included w/ Item A
B	35390368	PANEL, ACRYLIC	1	
C	35390319	CAP, 2" GAUGE	1	Included w/ Item A
D	36880730	CLIP, GAUGE RETAINING	11	
E	36879690	GAUGE, FUEL LEVEL	1	
F	36879682	GAUGE, 4-IN-1	1	
G	36879898	GAUGE, 150 PSI PRESSURE	1	
H	36879880	HOURLMETER	1	
J	35390343	COVER, WARNING MODULE	1	
K	36879971	DECAL, SWITCH	1	
L	36884211	SWITCH, IGNITION	1	
M	36890085	HINGE, CONTROL PANEL	1	
N	36891380	DOOR, INSTRUMENT PANEL	1	
P	36879716	PANEL, 3-3/8" BEZEL	1	
Q	35390285	COVER, 2-1/16" BEZEL	1	
R	35390327	PANEL, SWITCH BEZEL	1	
S	36882173	LABEL, BLANK WARNING MODULE	1	
T	35607829	EYEBOLT	2	Prior to S/N 296411 Begin with S/N 296411
U	95935029	WASHER, FLAT	2	
V	36772028	WASHER, PLASTIC	2	
W	36881118	RIVET, 3/16" ALUM.	6	
	36920486	RIVET, 3/16" SS	6	
X	36877587	RIVET, 3/16" DIA. ALUM.	2	
Y	35607837	SPRING	2	
Z	95923298	NUT, HEX NYLON INSERT LOCK 1/4-20	2	
A1	36884229	KEY, IGNITION with MOLDED BOOT	1	
A2	35390400	SCREW, PAN HEAD SS TYPE B #6 X 3/8"	4	
~	36890333	INSTRUMENT PANEL ASSEMBLY	AR	Includes Items A-L & P-S

INSTRUMENT PANEL BEGIN with S/N 326650

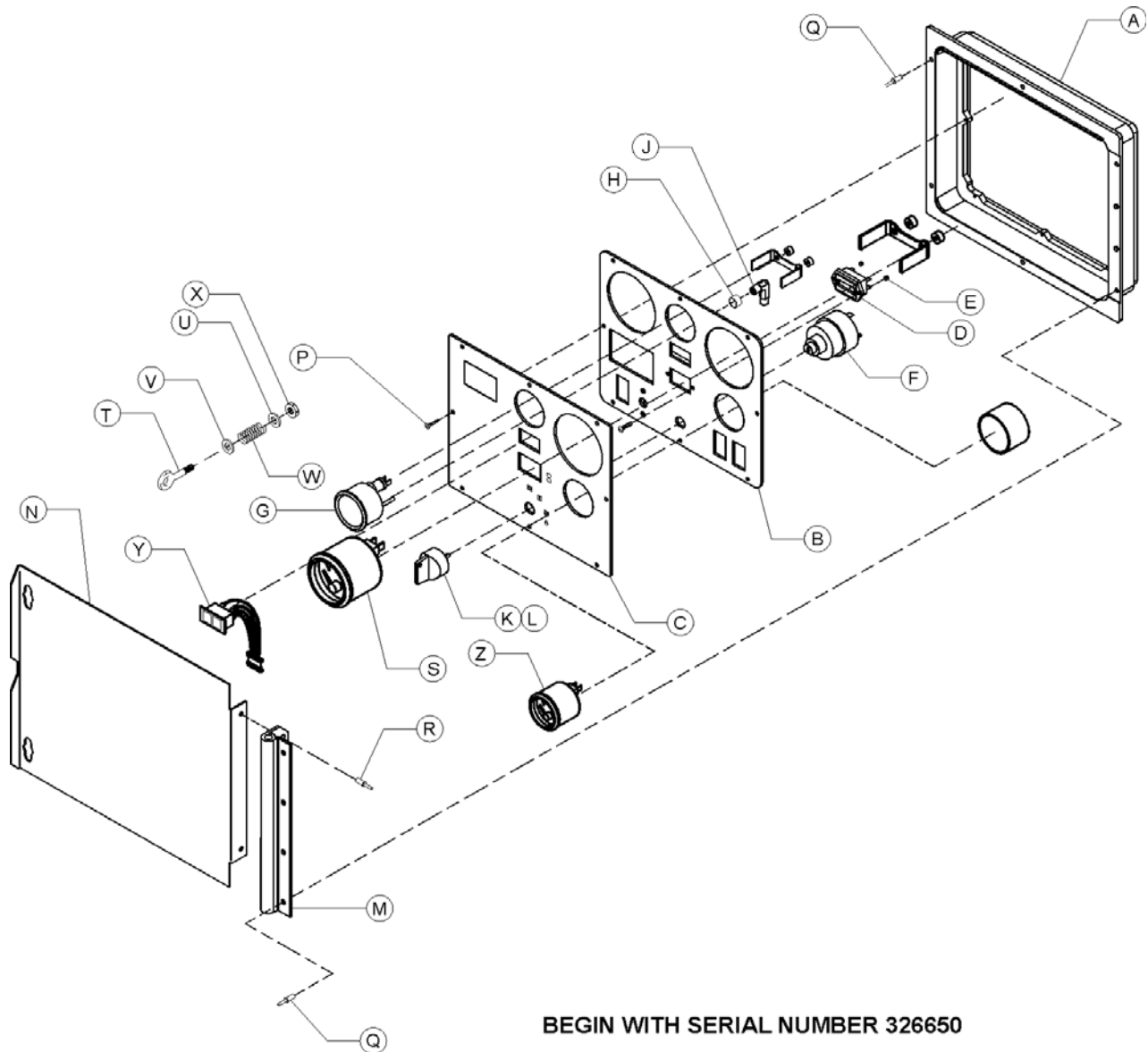


BEGIN WITH SERIAL NUMBER 326650

22478390_16B_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54749601	FRAME, WW INSTRUMENT PANEL	1	
B	54749619	PANEL, INSTRUMENT	1	
C	54766845	DECAL, WW INSTRUMENT PANEL	1	
D	54766704	METER, ELECTRONIC HOUR	1	
E	22054159	NUT, PLASTIC #4-40	2	
F	92086719	SWITCH, IGNITION	1	
G	35604065	GAUGE, 150 PSI PRESSURE	1	
H	95935599	COUPLING, PIPE 1/8-27 X 3/4"	1	Prior to S/N 337962
J	35370386	ELBOW, 90° 1/8" NPT X 3/8" TUBE	1	
K	22054167	KEY, REMOVABLE IGNITION	1	
L	54774104	KEY, NON-REMOVABLE IGNITION	1	
M	36890085	HINGE, CONTROL PANEL	1	Prior to S/N 329284
	22107478	HINGE, CONTROL PANEL	1	Begin w/ S/N 329284

INSTRUMENT PANEL BEGIN with S/N 326650 cont'd

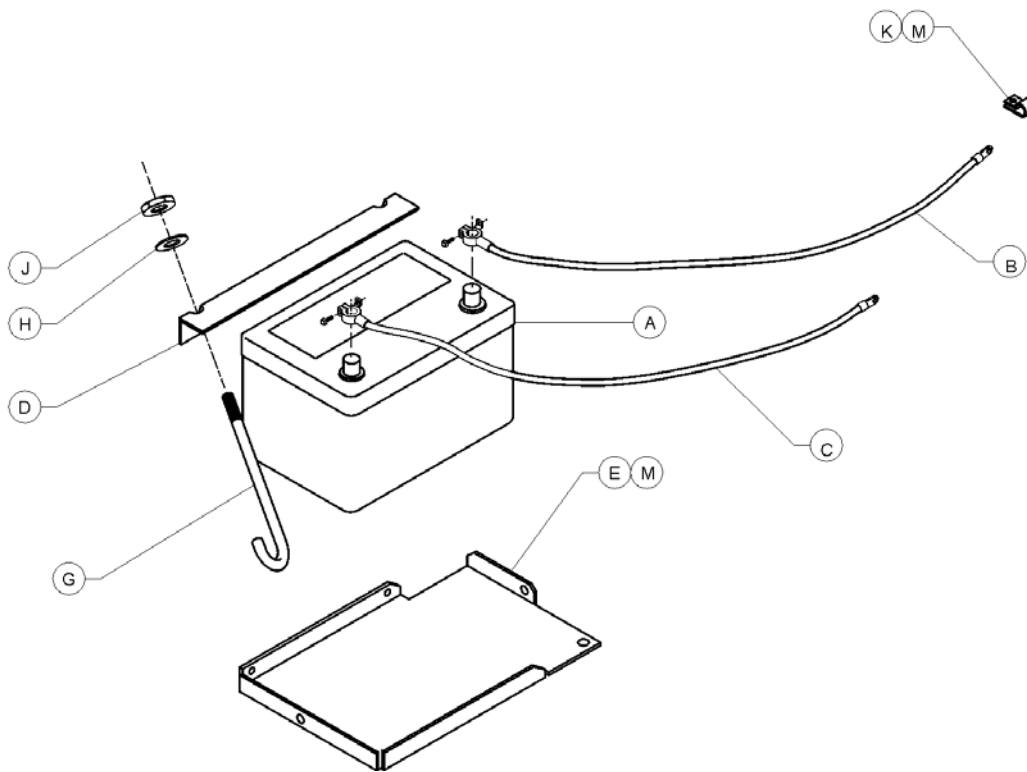
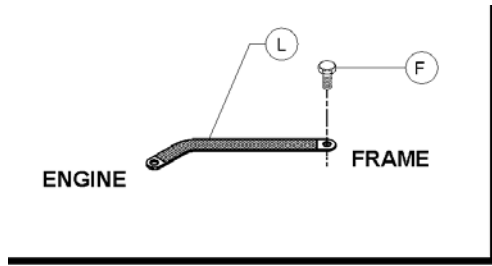


BEGIN WITH SERIAL NUMBER 326650

22478390_16B_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	36897380	DOOR, INSTRUMENT PANEL	1	
P	22070494	SCREW, PAN HD THD CUTTING #8 X 5/8"	8	
Q	36920486	RIVET, 3/16" SS	6	
R	36877587	RIVET, 3/16" DIA. ALUM.	4	
S	22058291	GAUGE ASSEMBLY, 4-in-1	1	
T	35607829	EYEBOLT	2	
U	95935029	WASHER, FLAT	2	
V	36772028	WASHER, PLASTIC	2	
W	35607837	SPRING	2	
X	95923298	NUT, HEX NYLON INSERT LOCK 1/4-20	2	
Y	54774112	MODULE, 2-LIGHT WARNING		
Z	54774096	GAUGE, FUEL LEVEL	1	Prior to S/N 368435
	35604099	GAUGE, FUEL LEVEL	1	Begin with S/N 368435

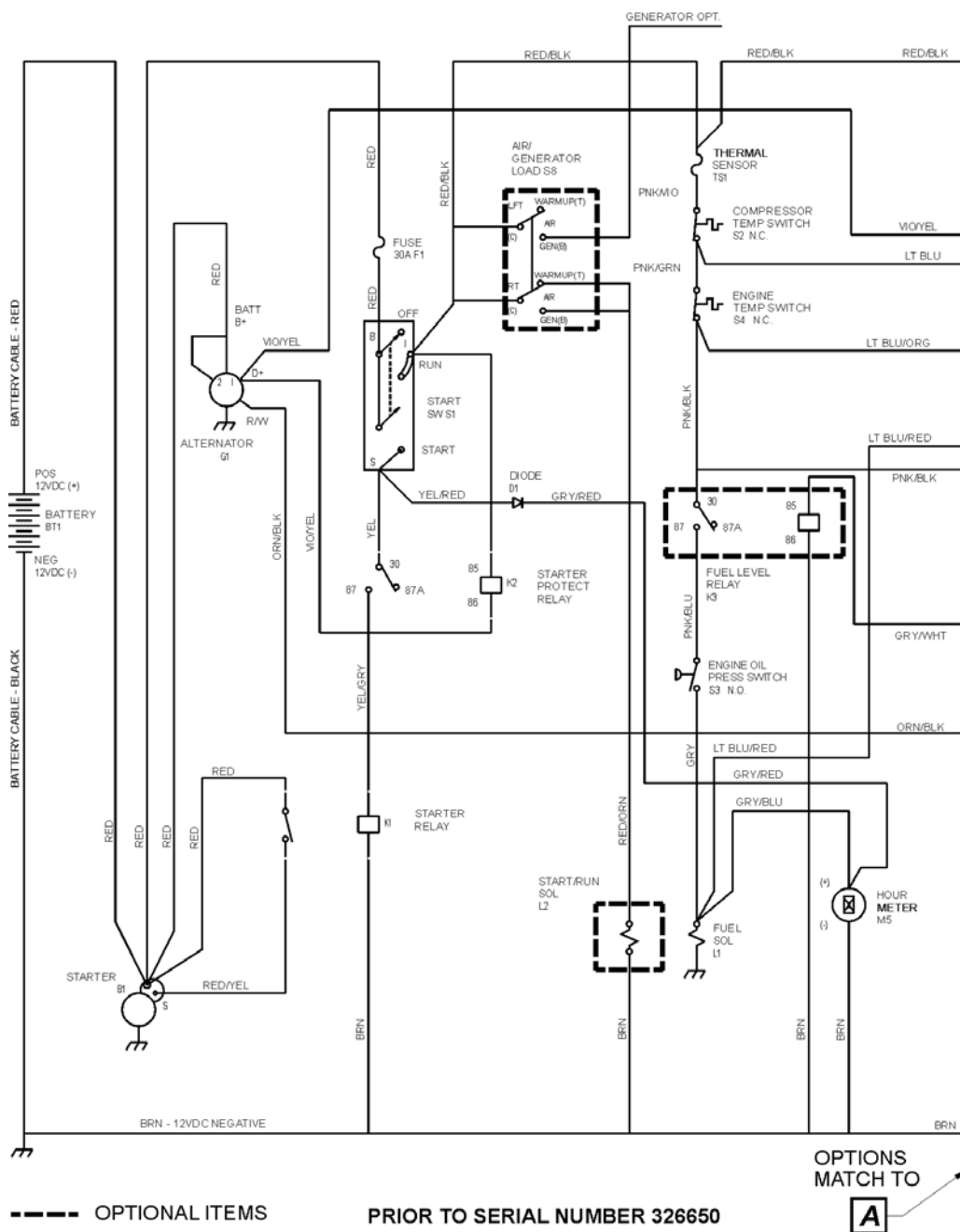
BATTERY MOUNT



22478390_17_04/06_A

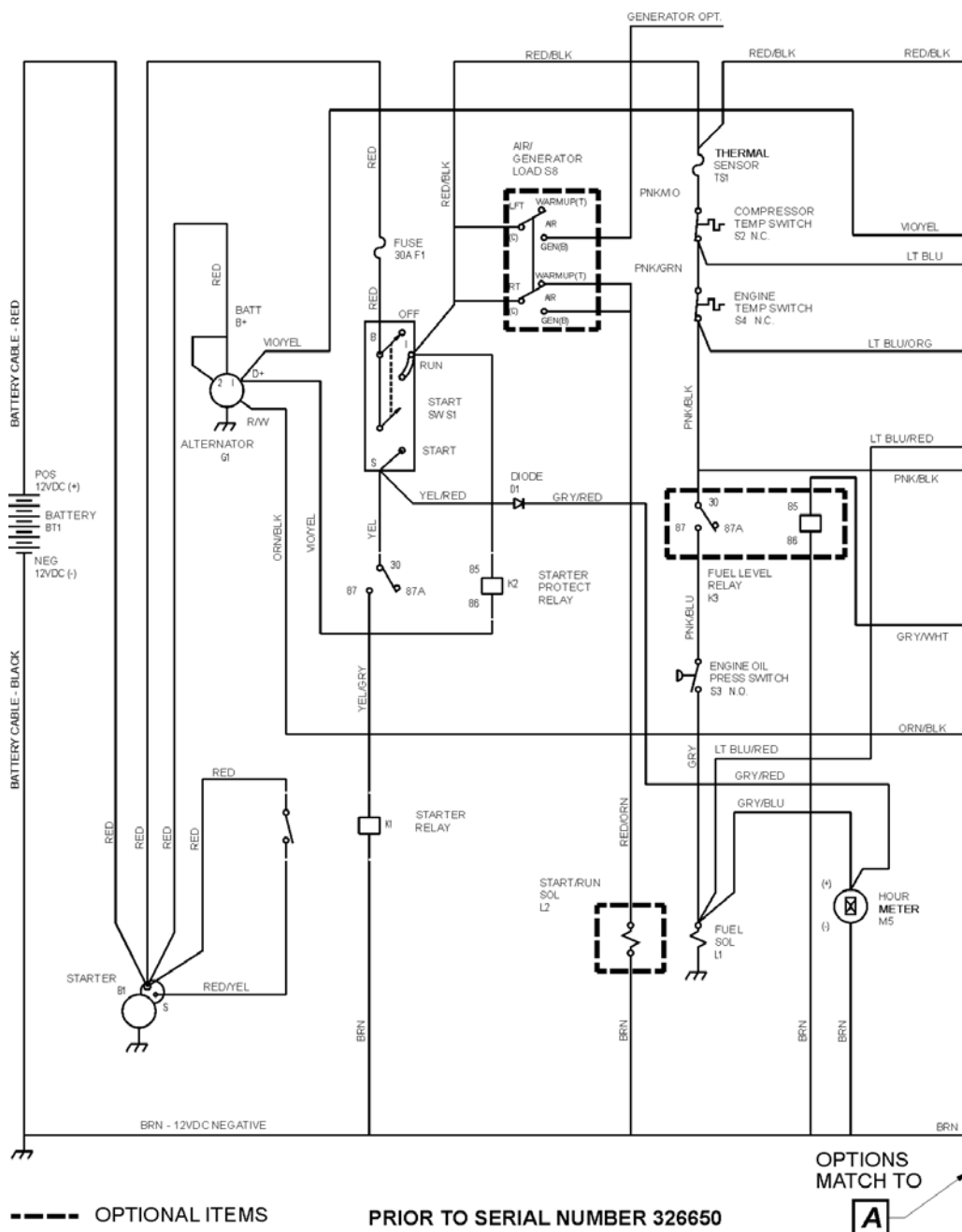
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36844264	BATTERY	1	
B	35516582	CABLE, POSITIVE BATTERY	1	48"
C	36892685	CABLE, NEGATIVE BATTERY	1	37"
D	36853257	ANGLE	1	
E	36890648	TRAY, BATTERY	1	
F	35130293	SCREW, TAPPING 3/8-16 X 3/4"	1	
G	36853240	J-BOLT	2	
H	36853265	WASHER, PLASTIC	2	
J	35144492	NUT, HEX FLANGE LOCK 1/4-20	2	
K	35225093	CLAMP, 1/2" RUBBER COATED	2	
L	36786488	STRAP, GROUND	1	
M	35279025	SCREW, TAPPING M08-1.25 X 20	5	

CHASSIS WIRING DIAGRAM PRIOR to S/N 326650



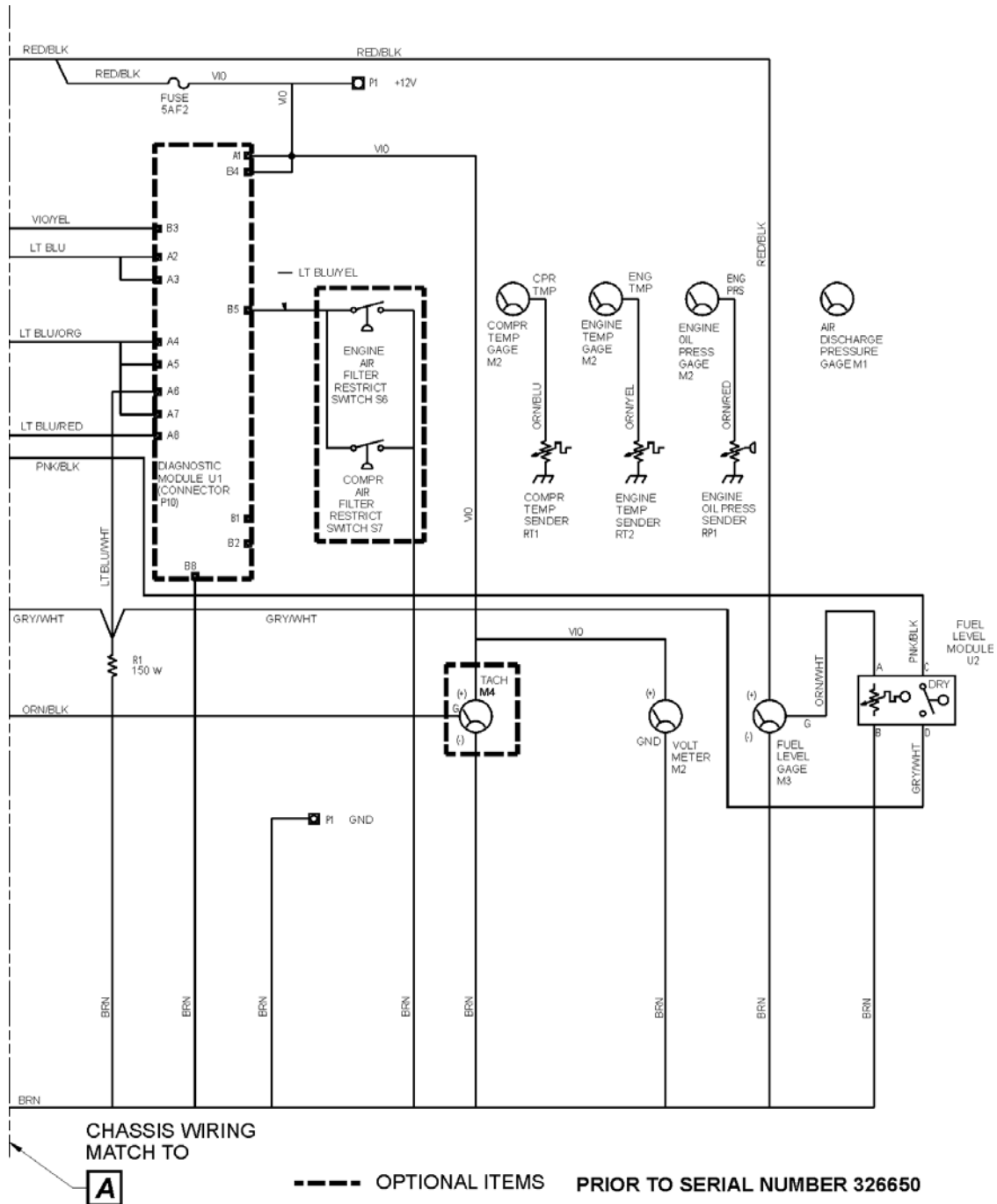
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
B1	~	STARTER	~	by Eng Mfgr
BT1	36844264	BATTERY	~	
D1	35376169	DIODE	~	
F1	35376169	DIODE	~	
G1	~	ALTERNATOR	~	by Eng Mfgr
K1	36856250	RELAY, 100 A	~	Starter
K2	36878361	RELAY, 12VDC WEATHERPROOF	~	Start Protect
K3	36878361	RELAY, 12VDC WEATHERPROOF	~	Fuel Level
L1	~	SOLENOID, FUEL	~	by Eng Mfgr

CHASSIS WIRING DIAGRAM PRIOR to S/N 326650 cont'd



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L2	36843142	VAVLE, SOLENOID 12VDC	~	Start / Run
M5	36879880	HOURLMETER	~	
S1	36884211	SWITCH, IGNITION	~	
S2	35596436	SWITCH, TEMPERATURE SHUTDOWN	~	Compressor
S3	36878379	SWITCH, PRESSURE	~	Engine Oil
S4	36893055	SWITCH, TEMPERATURE	~	Engine Temperature
S8	36892545	SWITCH, TOGGLE	~	Air / Generator Load
TS1	36865756	SWITCH, TEMPERATURE	~	Separator Tank
W1	36891406	HARNESS, ENGINE	~	

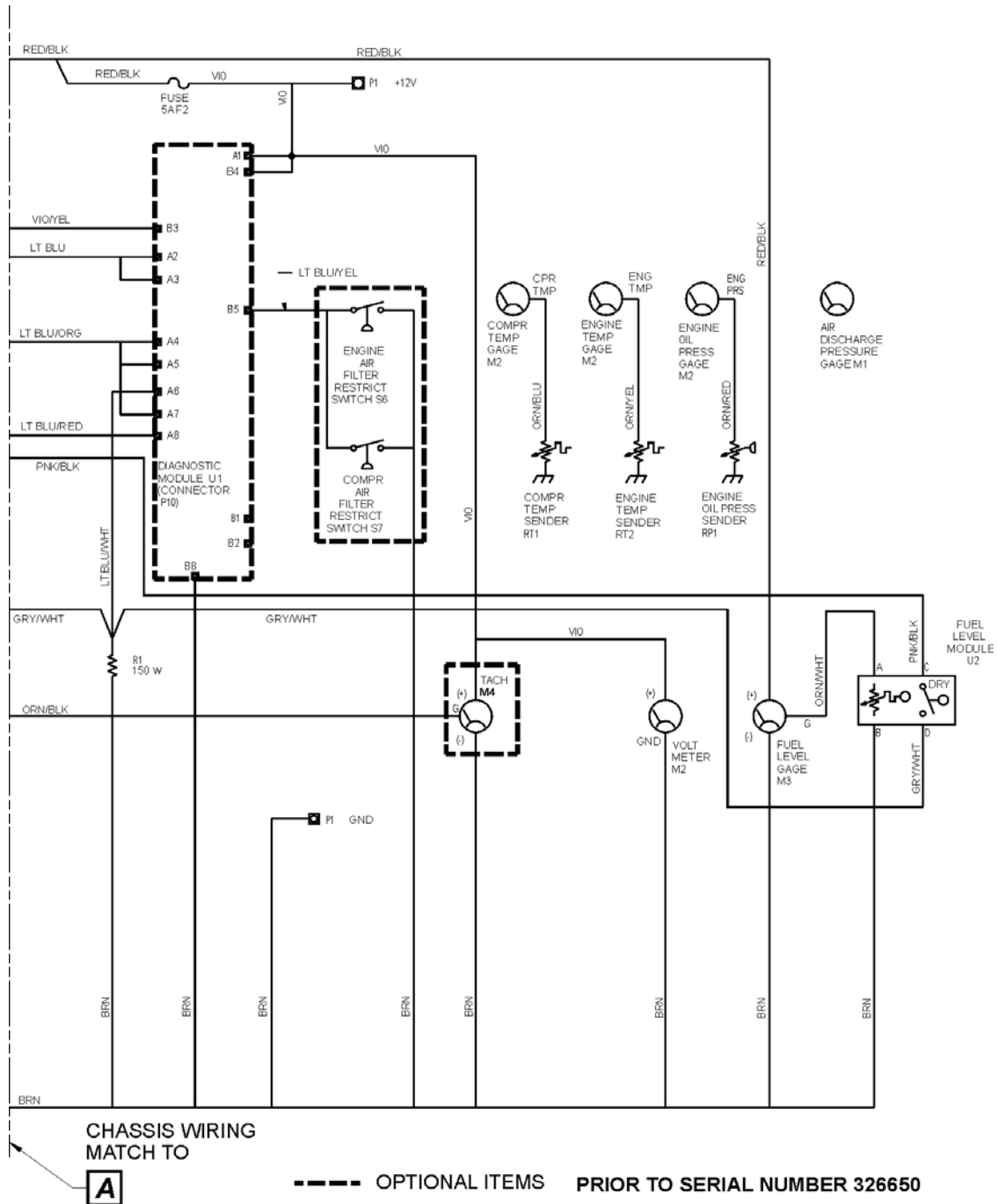
OPTION WIRING DIAGRAM PRIOR to S/N 326650



22478390_19A_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY~	DIMENSIONS/NOTES
F2	36782654	FUSE, 5A	~	
M1	36879898	GAUGE, 150 PSI PRESSURE	~	
M2	36879682	GAUGE, 4-IN-1	~	
M3	36879690	GAUGE, FUEL LEVEL	~	
M4	36879740	TACHOMETER	~	
R1	36892222	PLUG, 150W RESISTOR	~	
RP1	36870608	SENDER, PRESSURE	~	Engine Oil
RT1	35372457	SENDER, TEMPERATURE	~	Compressor

OPTION WIRING DIAGRAM PRIOR to S/N 326650 cont'd

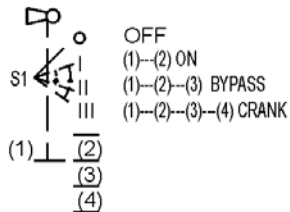


22478390_19A_04/06_A

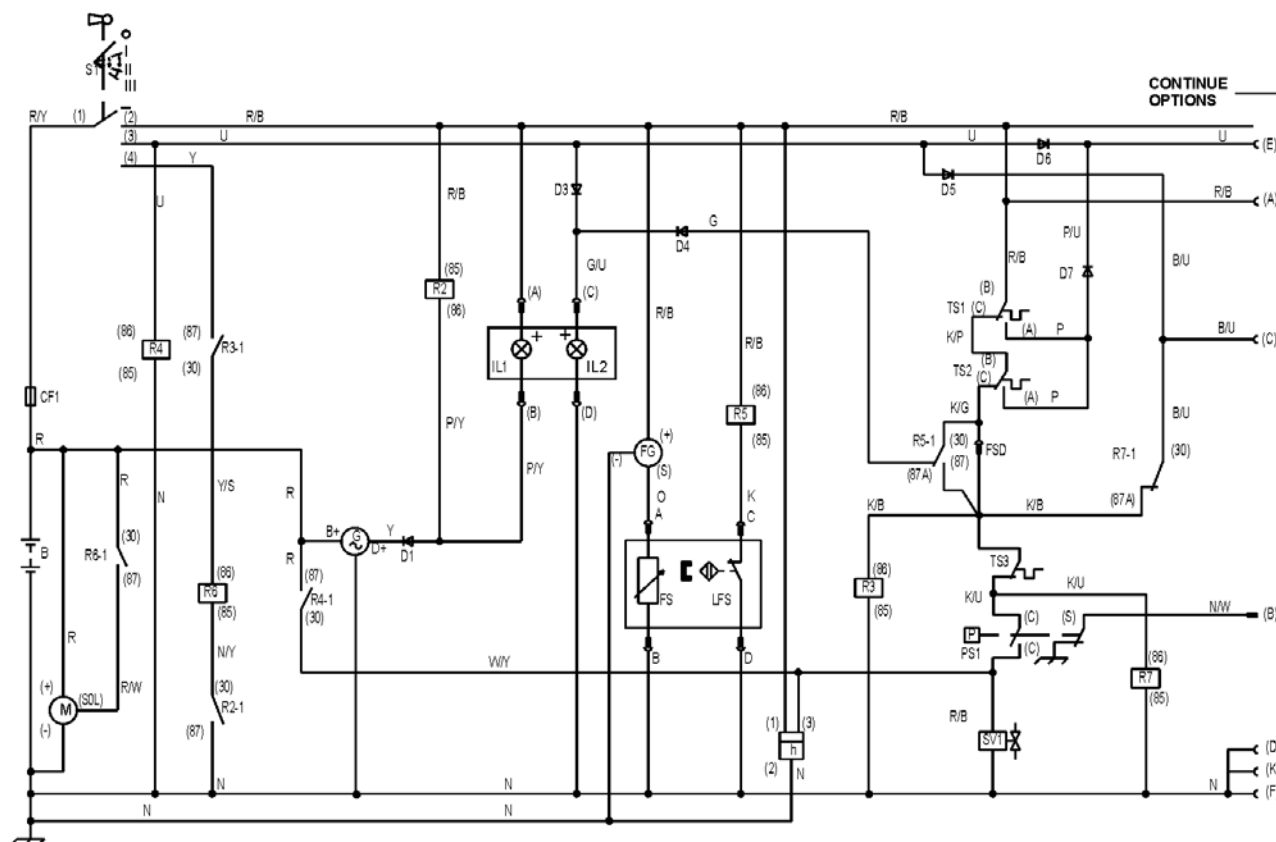
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
RT2	35604180	SENDER, TEMPERATURE	~	P130-P175 Engine
	35372457	SENDER, TEMPERATURE	~	P185 Engine
S6	36847838	SWITCH, VACUUM	~	Engine Air Filter
S7	36847838	SWITCH, VACUUM	~	AirEnd Air Fiter
U1	36882033	MODULE, DIAGNOSTIC	~	
U2	36890200	SENDER, FUEL LEVEL	~	
W1	36891406	HARNESS, ENGINE	~	

CHASSIS WIRING DIAGRAM BEGIN with S/N 326650

S1 KEYSWITCH OPERATION SEQUENCE



ITEM	B	U	N	G	S	LG	O	K	P	R	W	Y
COLOR	BLK	BLU	BRN	GRN	GRY	LT GRN	ORG	PNK	PUR	RED	WHT	YEL



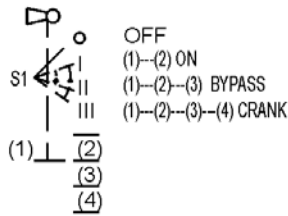
BEGIN WITH SERIAL NUMBER 326650

22478390_18C_04/06_A

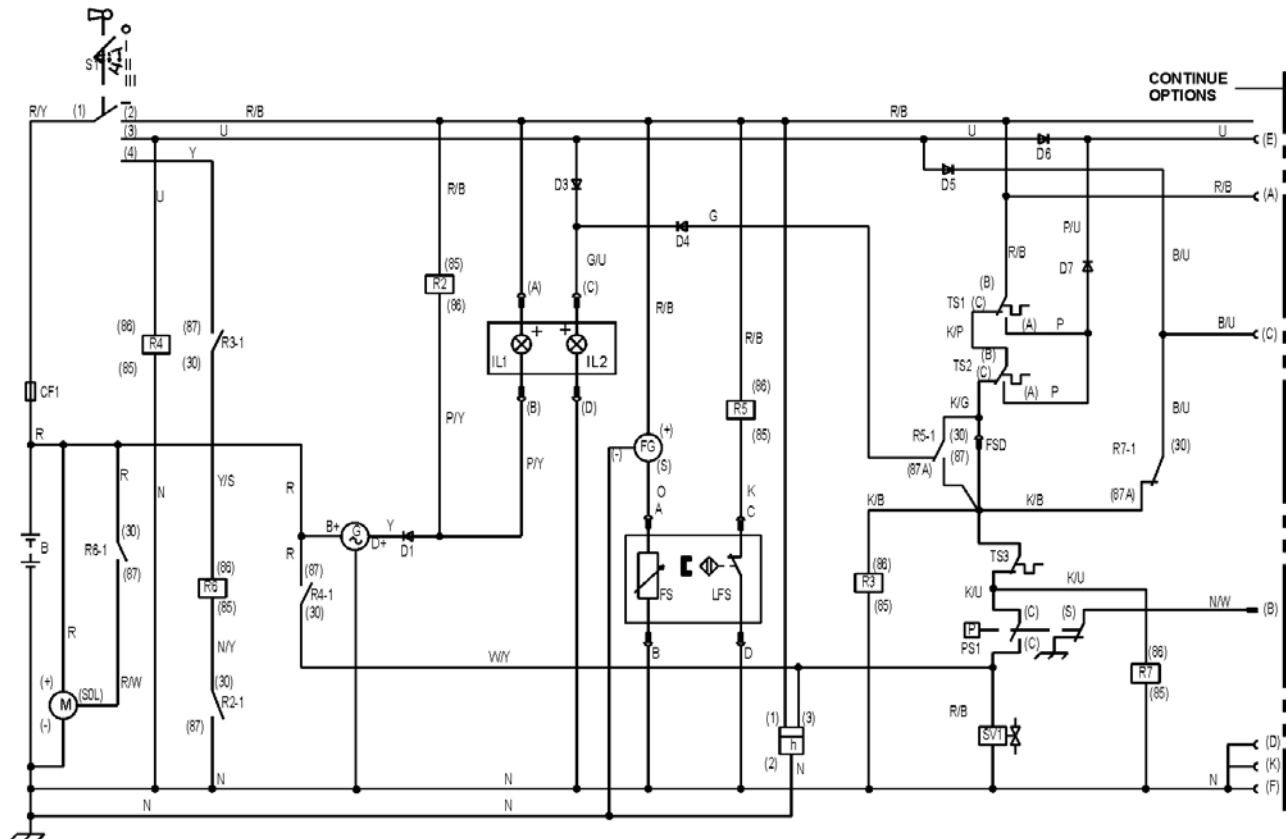
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
B	36844264	BATTERY	~	
CF1	36792083	FUSE, 20A	~	
D1	35676169	DIODE	~	
D2	35676169	DIODE	~	
D3	35676169	DIODE	~	
D4	35676169	DIODE	~	
D5	35676169	DIODE	~	
D6	35676169	DIODE	~	
D7	35676169	DIODE	~	
G	36115558	ALTERNATOR	~	3 Cylinder
	36124884	ALTERNATOR	~	4 Cylinder

CHASSIS WIRING DIAGRAM BEGIN with S/N 326650 cont'd

S1 KEYSWITCH OPERATION SEQUENCE



ITEM	B	U	N	G	S	LG	O	K	P	R	W	Y
COLOR	BLK	BLU	BRN	GRN	GRY	LT GRN	ORG	PNK	PUR	RED	WHT	YEL



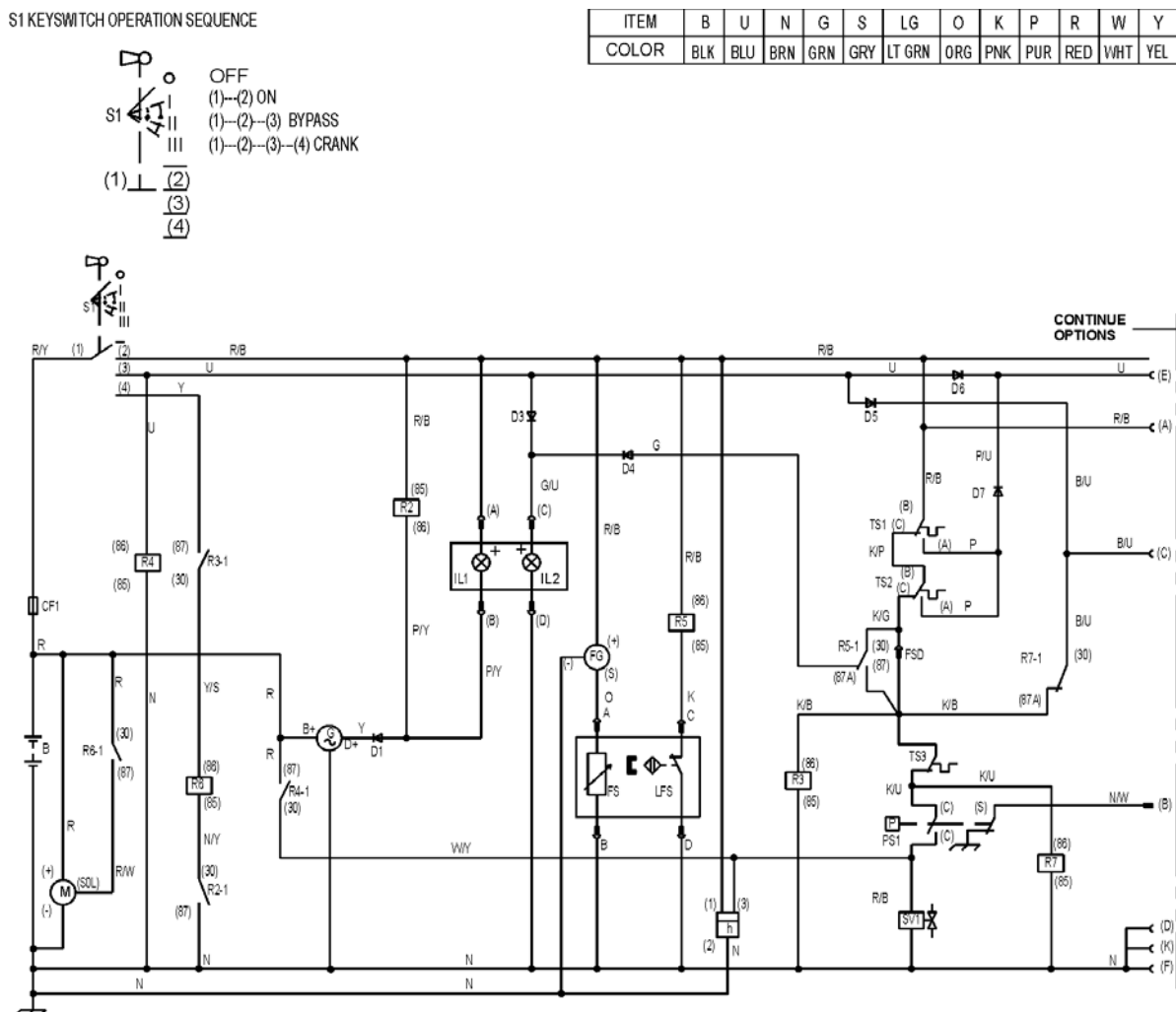
BEGIN WITH SERIAL NUMBER 326650

22478390_18C_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
FG	54774096	GAUGE, FUEL LEVEL	~	Prior to S/N 368435
	35604099	GAUGE, FUEL LEVEL	~	Begin with S/N 368435
FS	22058531	SENDER, FUEL LEVEL	~	
H	54766704	METER, ELECTRONIC HOUR	~	
IL1	54774112	MODULE, 2-LIGHT WARNING	~	Low Oil Pressure
IL2	54774112	MODULE, 2-LIGHT WARNING	~	Low Oil Pressure
M	36120269	STARTER	~	3 Cylinder
	36120649	STARTER	~	4 Cylinder
PS1	54747935	SWITCH, PRESSURE	~	Engine Oil
R2	54368048	RELAY	~	Start Protect
R3	54368048	RELAY	~	Start Inhibit
R4	54368048	RELAY	~	Fuel Solenoid

CHASSIS WIRING DIAGRAM BEGIN with S/N 326650

S1 KEYSWITCH OPERATION SEQUENCE

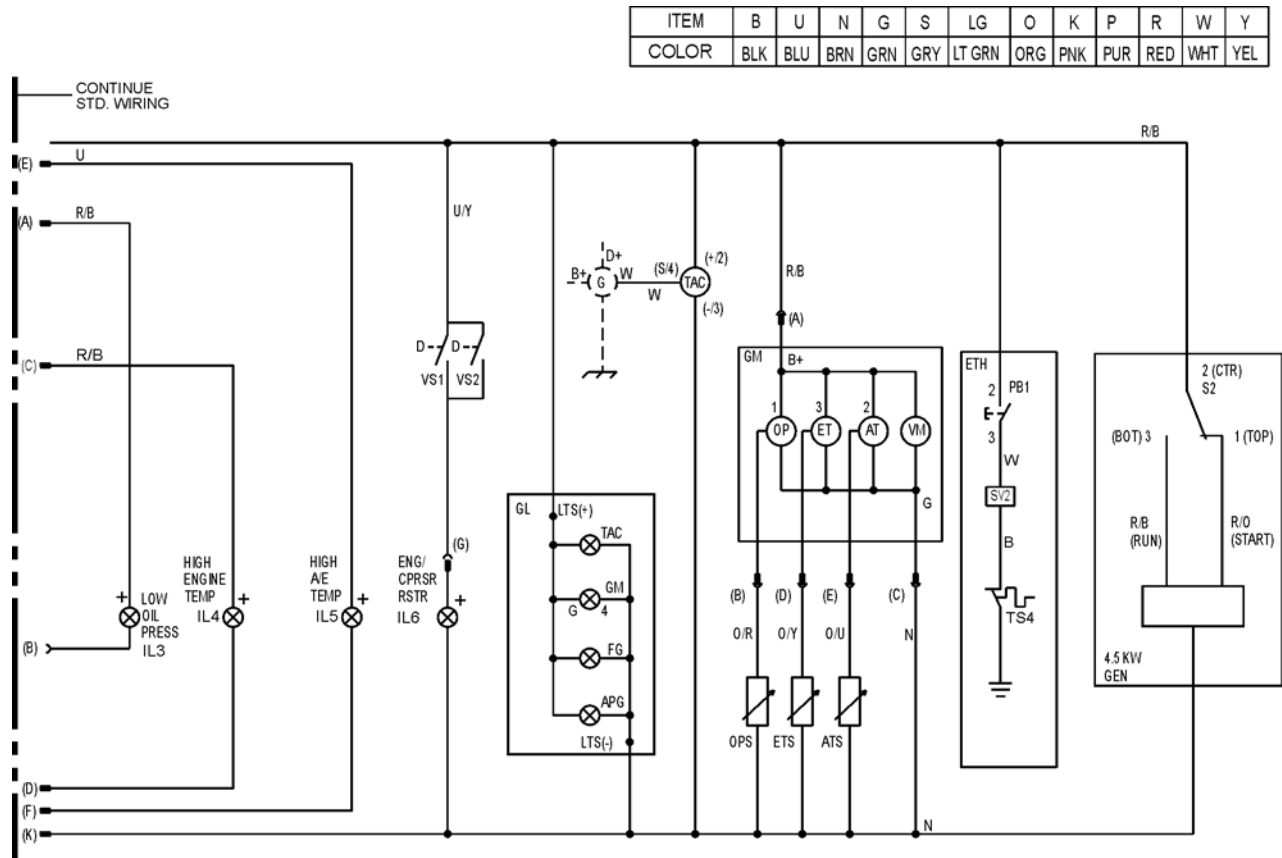


BEGIN WITH SERIAL NUMBER 326650

22478390_18C_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
R5	54368048	RELAY	~	Fuel Shutdown
R6	54368048	RELAY	~	Crank
R7	54368048	RELAY	~	High Engine Temp.
S1	92086719	SWITCH, IGNITION	~	
	22054167	KEY, REMOVABLE IGNITION	~	
	54774104	KEY, NON-REMOVABLE IGNITION	~	
SV1	36125409	SOLENOID, FUEL	~	4 Cylinder
TS1	54764964	SWITCH, ALARM (A/E HIGH TEMP)	~	Prior to S/N 374358
	36865756	SWITCH, ALARM (A/E HIGH TEMP)	~	Between S/N 374526 & 375557
	39404165	O-RING	~	Between S/N 374526 & 375557
	22823199	SWITCH, ALARM (A/E HIGH TEMP)	~	Begin w/ S/N 375557
TS2	54764956	SWITCH, ALARM (DISCHG TEMP)	~	Prior to S/N 374526
	35596436	SWITCH, ALARM (DISCHG TEMP)	~	Begin w/ S/N 374526
TS3	36880706	SWITCH, TEMPERATURE	~	High Engine Temp.
W1	22060271	HARNESS, ENGINE CONTROL	~	
W2	22828016	ADAPTER, TEMP. SWITCH	~	Begin w/ S/N 374526

OPTION WIRING DIAGRAM BEGIN with S/N 326650

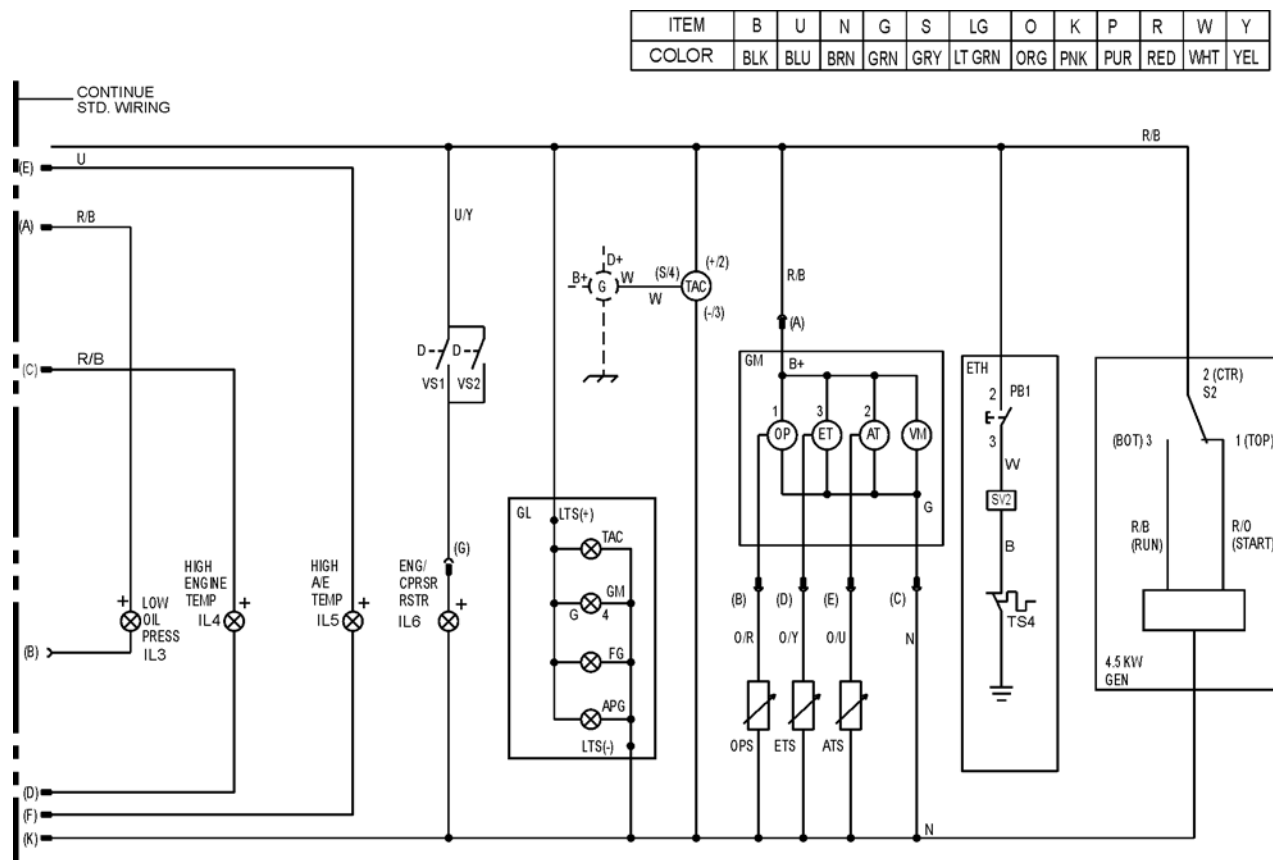


BEGIN WITH SERIAL NUMBER 326650

22478390_19A_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
ATS	35372457	SENDER, TEMPERATURE	~	A/E Temp.; Prior to S/N 366722
	22770655	SENDER, TEMPERATURE	~	A/E Temp.; Begin w/ S/N 366722
ETH	35367739	KIT, MANUAL COLD START	~	
	35377266	KIT, ELECTRIC COLD START	~	
ETS	35604180	SENDER, TEMPERATURE	~	P130-P175 Engine
	35372457	SENDER, TEMPERATURE	~	P185 Engine
GEN	36884427	GENERATOR ASSEMBLY	~	
GL	36852622	GAUGE LIGHT	~	
	35333236	BULB, INCANDESCENT	~	
IL3	22061493	MODULE, 4 LIGHT WARNING	~	Low Oil Pressure
IL4	22061493	MODULE, 4 LIGHT WARNING	~	High Engine Temp.
IL5	22061493	MODULE, 4 LIGHT WARNING	~	High A/E Temp.

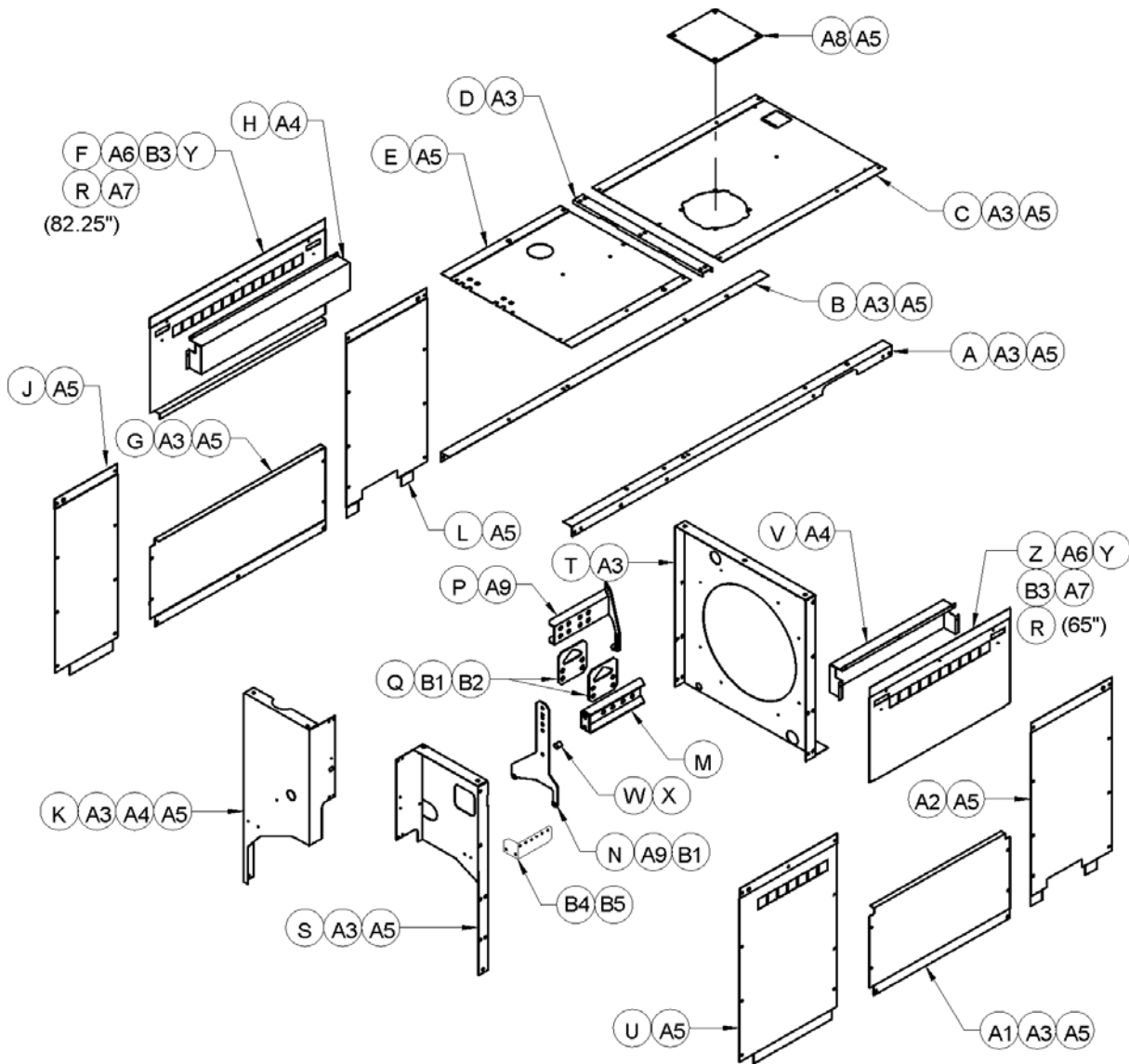
OPTION WIRING DIAGRAM BEGIN with S/N 326650 cont'd



22478390_19A_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
IL6	22061493	MODULE, 4 LIGHT WARNING	~	High A/E Temp. Oil Pressure
OPS	36870608	SENDER, PRESSURE	~	
PB1	~	SWITCH, PUSH BUTTON	~	
SV2	~	SOLENOID VALVE, ETHER	~	
TAC	22060198	TACHOMETER	~	
TS4	~	SWITCH, TACHOMETER SIGNAL	~	Engine Air Filter AirEnd Air Filter
VS1	36847838	SWITCH, VACUUM	~	
VS2	36847838	SWITCH, VACUUM	~	
W3	22074843	HARNESS, GAUGE ILLUMINATION OPTION	~	
W4	36842839	HARNESS, AIR FILTER RESTR. OPTION	~	
W5	36842821	HARNESS, MANUAL COLD START OPTION	~	

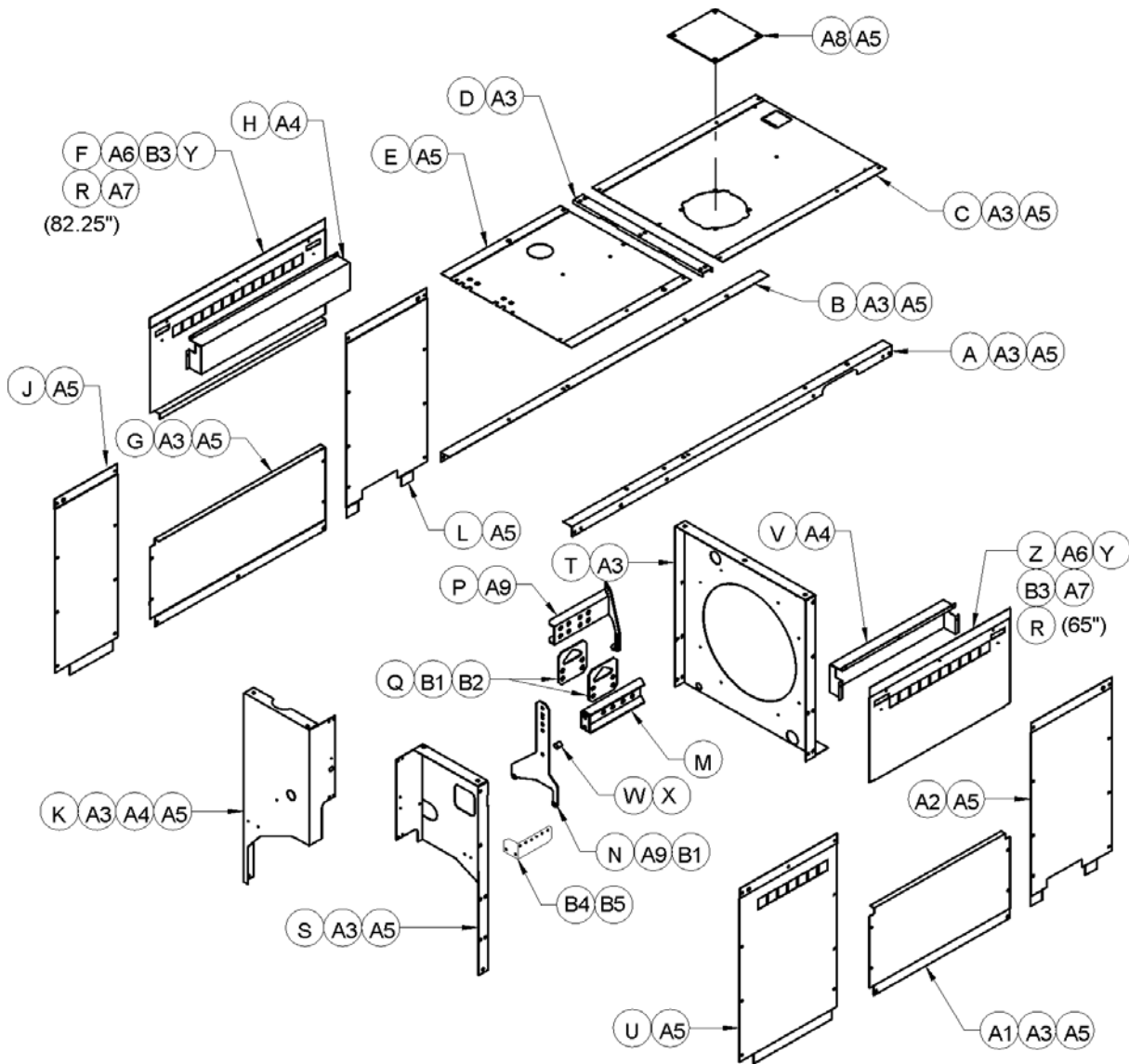
ENCLOSURE



22478390_20_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36890531	STRINGER, CAB SIDE	1	
B	36890549	SRINGER, BED SIDE	1	
C	36890762	PANEL, COOLER END ROOF	1	
D	36891414	CHANNEL, ROOF CONNECTOR	1	
E	36890838	PANEL, ROOF	1	P130-P175
	36890812	PANEL, ROOF	1	P185
F	36890739	PANEL, UPPER ENGINE BED	1	
G	36890721	PANEL, LOWER ENGINE BED	1	
H	36890812	BOX, AIR INLET BED	1	
J	36890747	PANEL, FILTER END BED	1	
K	36890804	BULKHEAD, REAR BED	1	
L	36890713	PANEL, COOLER END BED	1	
M	36891745	STRINGER, LIFT BEAM	1	
N	36891729	MEMBER, LIFT BEAM REAR	1	

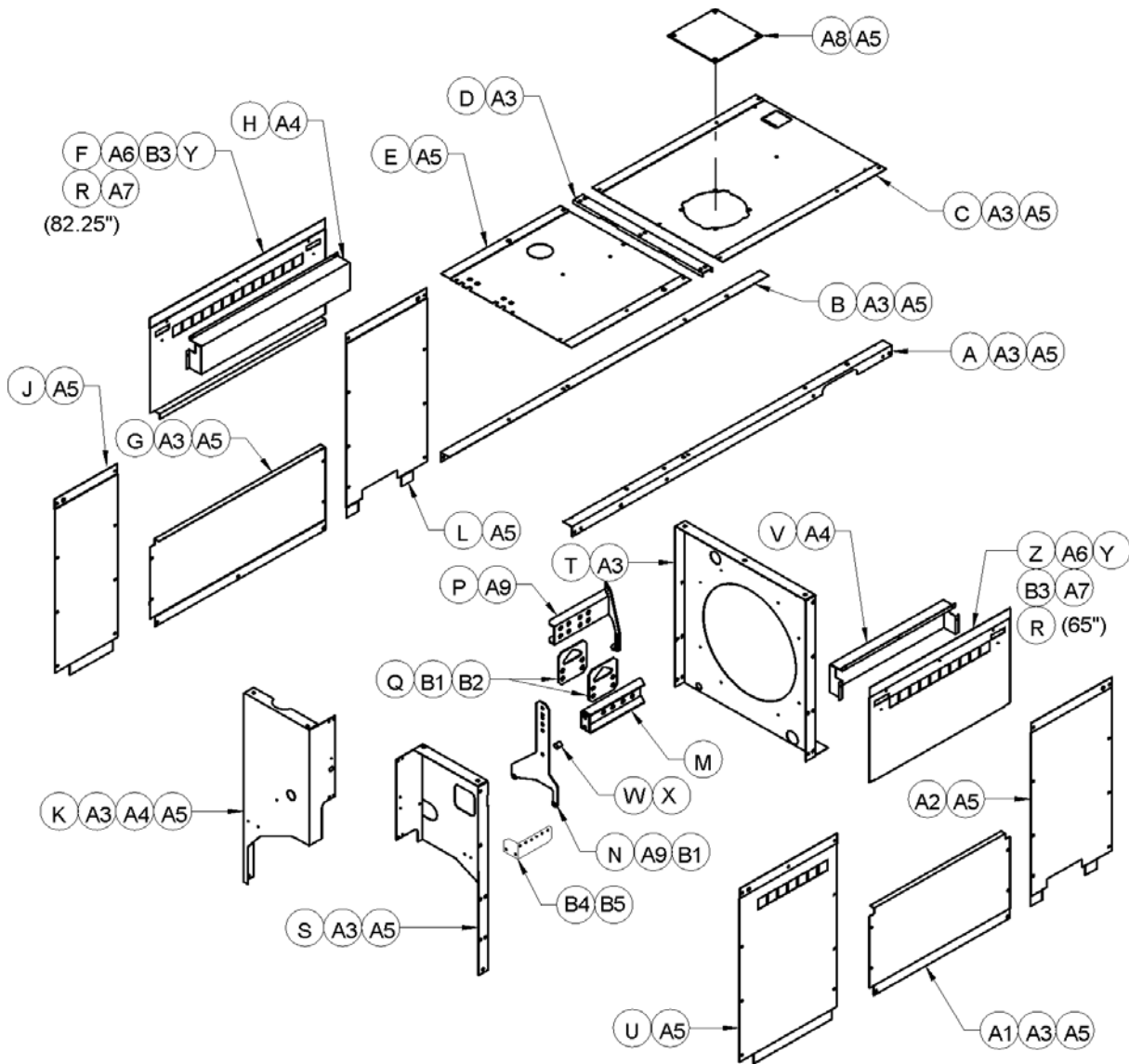
ENCLOSURE cont'd



22478390_20_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	36891737	MEMBER, LIFT BEAM FRONT	1	See Lengths Above
Q	36891760	EYE, LIFT BEAM	2	
R	35368216	FOAM	~	
S	36890796	BULKHEAD, REAR CAB	1	
T	36892040	ORIFICE, FAN	1	P130-P175
	36890473	ORIFICE, FAN	1	P185
U	36890705	PANEL, FILTER END CAB	1	P130-P175
V	36890770	BOX, AIR INLET CAB	1	
W	36892982	SPACER	1	
X	92304450	SCREW, HEX M12-1.75 X 50	1	
Y	36786218	LANYARD, 1.6 X 355.6	2	
Z	36890697	PANEL, UPPER ENGINE CAB	1	
A1	36890689	PANEL, LOWER ENGINE CAB	1	
A2	36890655	PANEL, COOLER END CAB	1	

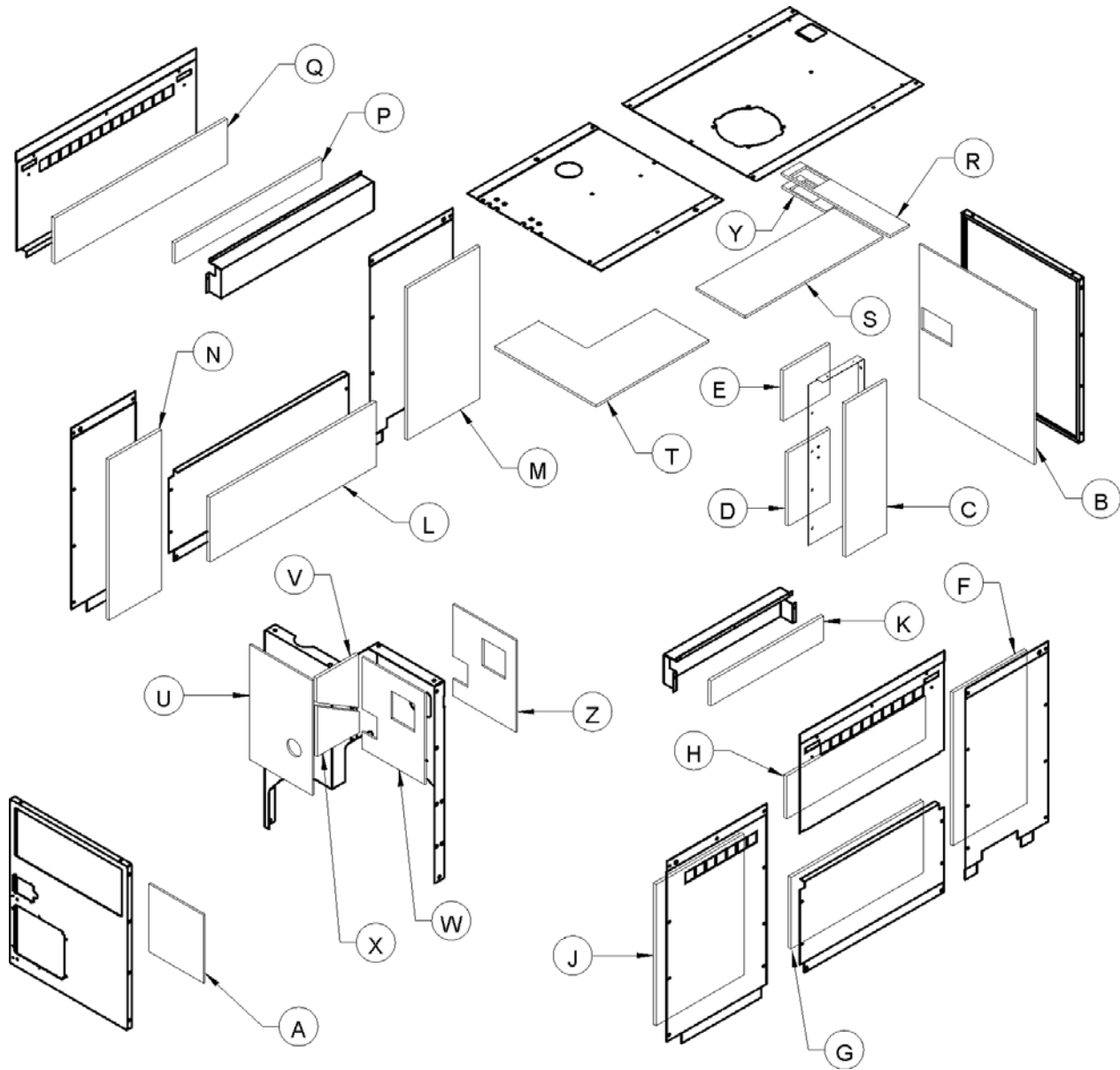
ENCLOSURE cont'd



22478390_20_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A3	36895746	NUTSERT, HEX M08	51	P130-P175
A4	36877587	RIVET, 3/16" DIA. ALUM.	15	
A5	35279025	SCREW, TAPPING M08-1.25 X 20	73	
A6	36892677	LATCH, TRIGGER	4	
A7	36861383	HOOK, #9 S	4	
A8	35279413	COVER, ROOF ACCESS	1	
A9	36879492	SCREW, HEX FLANGE M12-1.75 X 25	5	
	36881721	SCREW, HEX FLANGE 1/2-13 X 1"	2	
B1	36879203	NUT, HEX FLANGE M12-1.75	7	
B2	36877793	SCREW, HEX M12-1.75 X 40	4	
B3	36892206	CAP, VINYL	4	
B4	22095533	BRACKET, RELAY MOUNTING	1	
B5	36797652	SCREW, TAPPING M06-1.0 X 12	2	
				Prior to S/N 326650
				Begin with S/N 326650

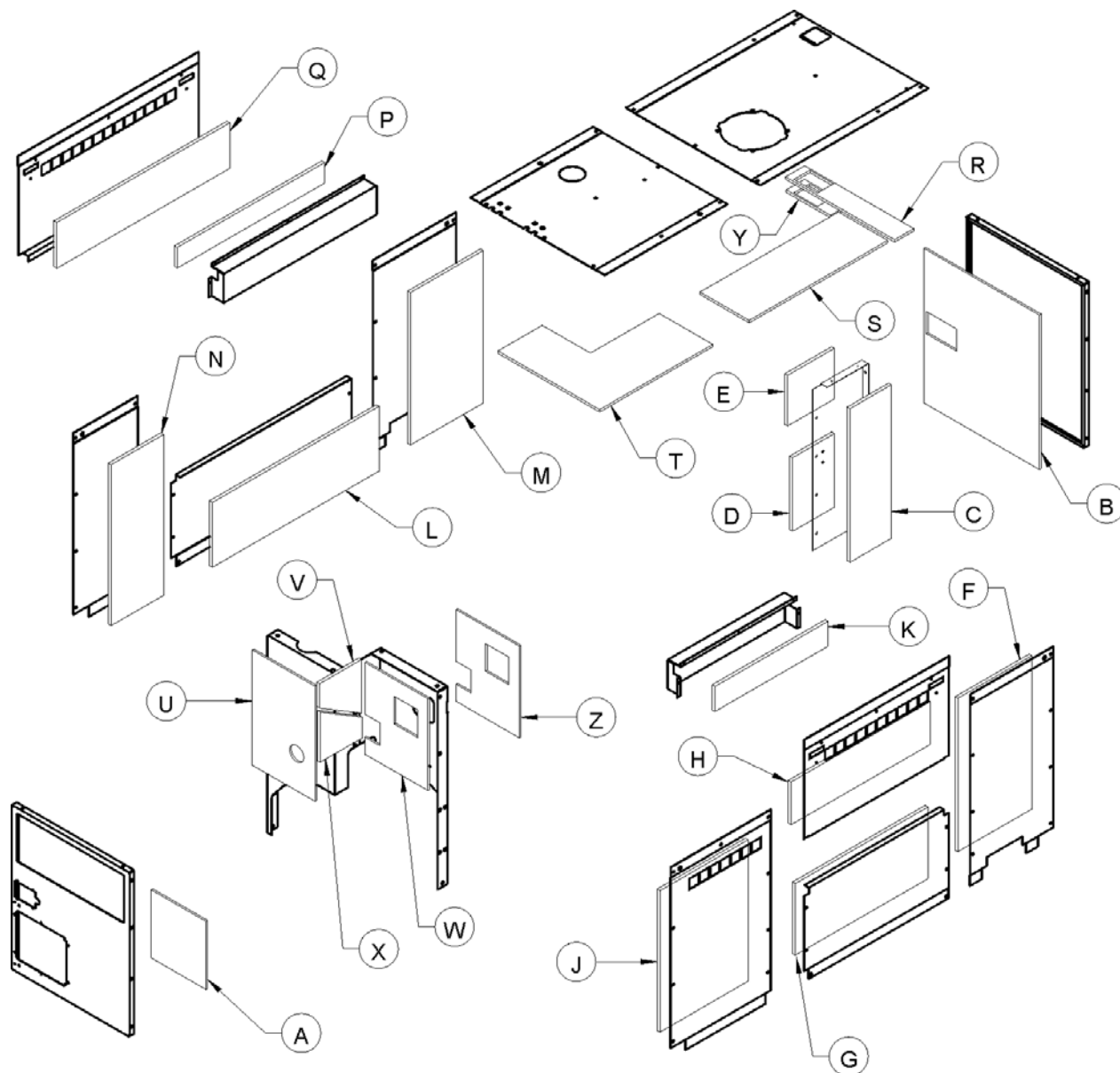
ACOUSTIC PANELS



22478390_21_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36892735	PANEL, ACOUSTIC STREET SIDE DOOR	1	
B	36892792	PANEL, ACOUSTIC CURB SIDE DOOR	1	
C	36892875	PANEL, ACOUSTIC CAB SPLITTER	1	
D	36892867	PANEL, ACOUSTIC BED SPLITTER BOTTOM	1	
E	36892859	PANEL, ACOUSTIC BED SPLITTER TOP	1	
F	36892743	PANEL, ACOUSTIC CAB COOLER	1	
G	36892750	PANEL, ACOUSTIC CAB LOWER ENGINE	1	
H	36892768	PANEL, ACOUSTIC CAB UPPER ENGINE	1	
J	36892784	PANEL, ACOUSTIC CAB FILTER END	1	
K	36892776	PANEL, ACOUSTIC CAB AIR BOX	1	
L	36892818	PANEL, ACOUSTIC BED LOWER ENGINE	1	
M	36892842	PANEL, ACOUSTIC BED COOLER END	1	

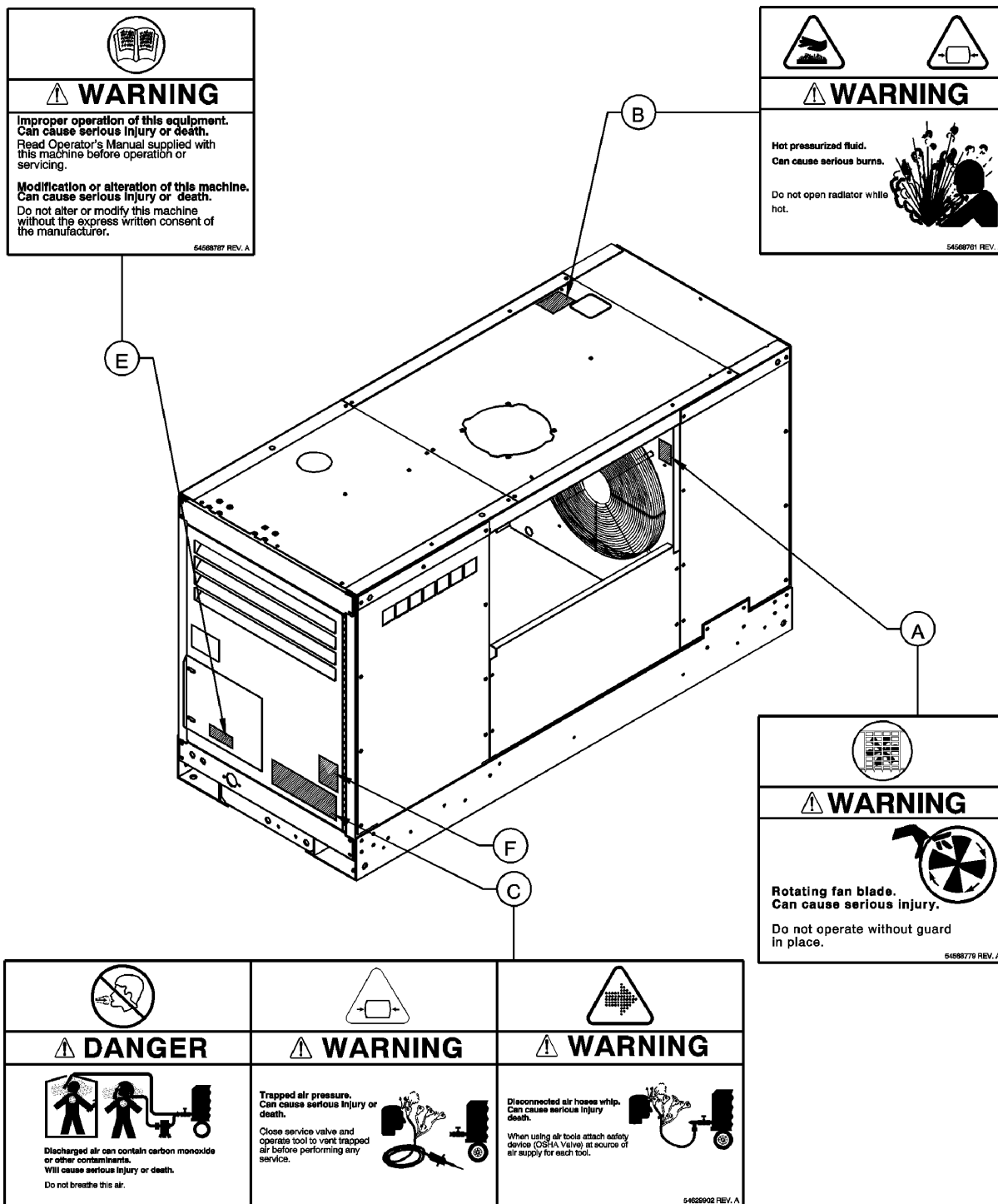
ACOUSTIC PANELS cont'd



22478390_21_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	36892800	PANEL, ACOUSTIC BED FILTER END	1	
P	36892834	PANEL, ACOUSTIC BED AIR BOX	1	
Q	36892826	PANEL, ACOUSTIC BED UPPER ENGINE	1	
R	36892883	PANEL, ACOUSTIC OIL COOLER TOP	1	
S	36892909	PANEL, ACOUSTIC CENTER ROOF	1	
T	36892917	PANEL, ACOUSTIC END ROOF	1	
U	36892966	PANEL, ACOUSTIC BULKHEAD BED SID	1	
V	36892941	PANEL, ACOUSTIC BULKHEAD CENTER TOP	1	
W	36892933	PANEL, ACOUSTIC BULKHEAD CAB FILTER	1	
X	36892958	PANEL, ACOUSTIC BULKHEAD CTR LOWER	1	
Y	36892891	PANEL, ACOUSTIC	1	
Z	36892925	PANEL, ACOUSTIC BULKHEAD CAB ENGINE	1	

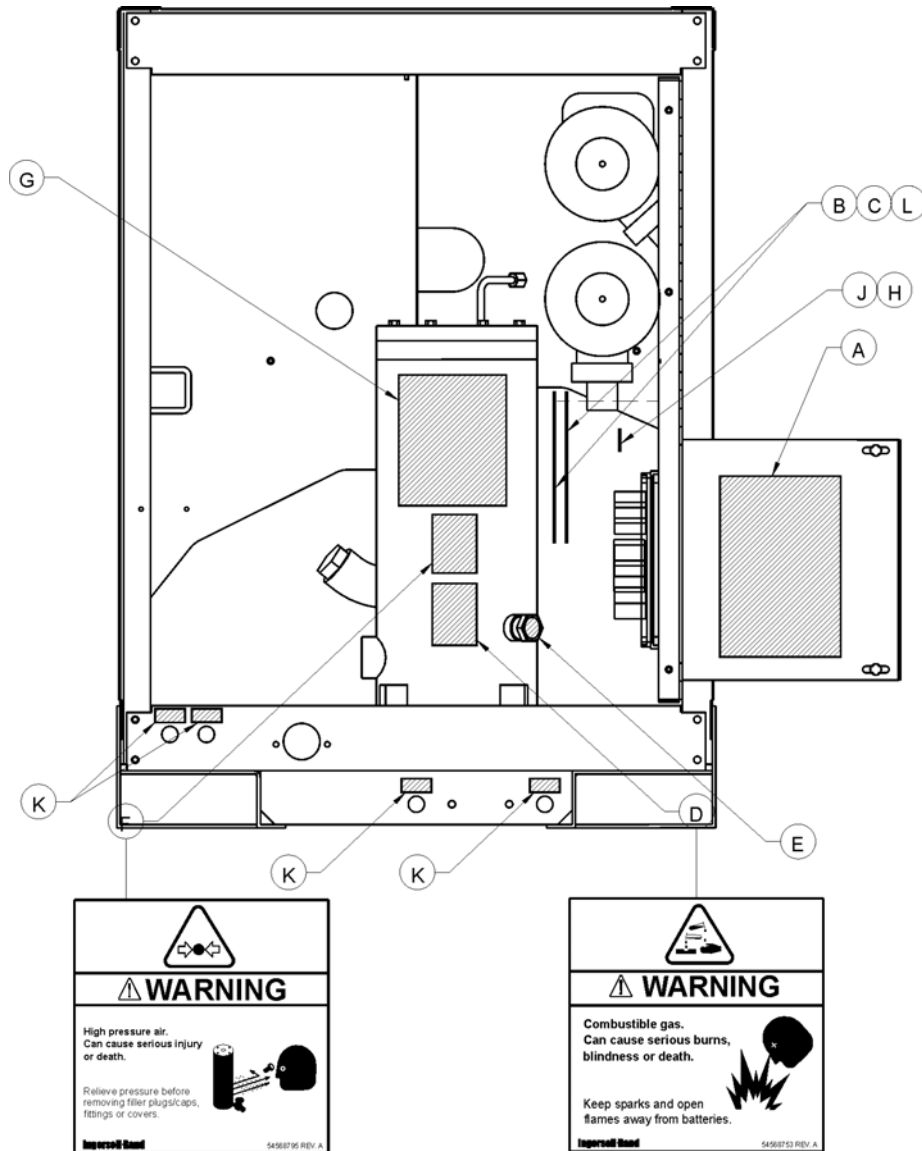
DECAL LOCATION



22478390_21_08/06_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54568779	DECAL, ROTATING FAN	~	
B	54568761	DECAL, HOT PRESSURIZED FLUID	~	
C	54629902	DECAL, COMBINATION 3-PART	~	
D	~	~	~	
E	54568787	DECAL, IMPROPER OPERATION	~	
F	36514602	DECAL, NOISE EMISSION	~	

DECAL LOCATION PRIOR to S/N 326650 cont'd

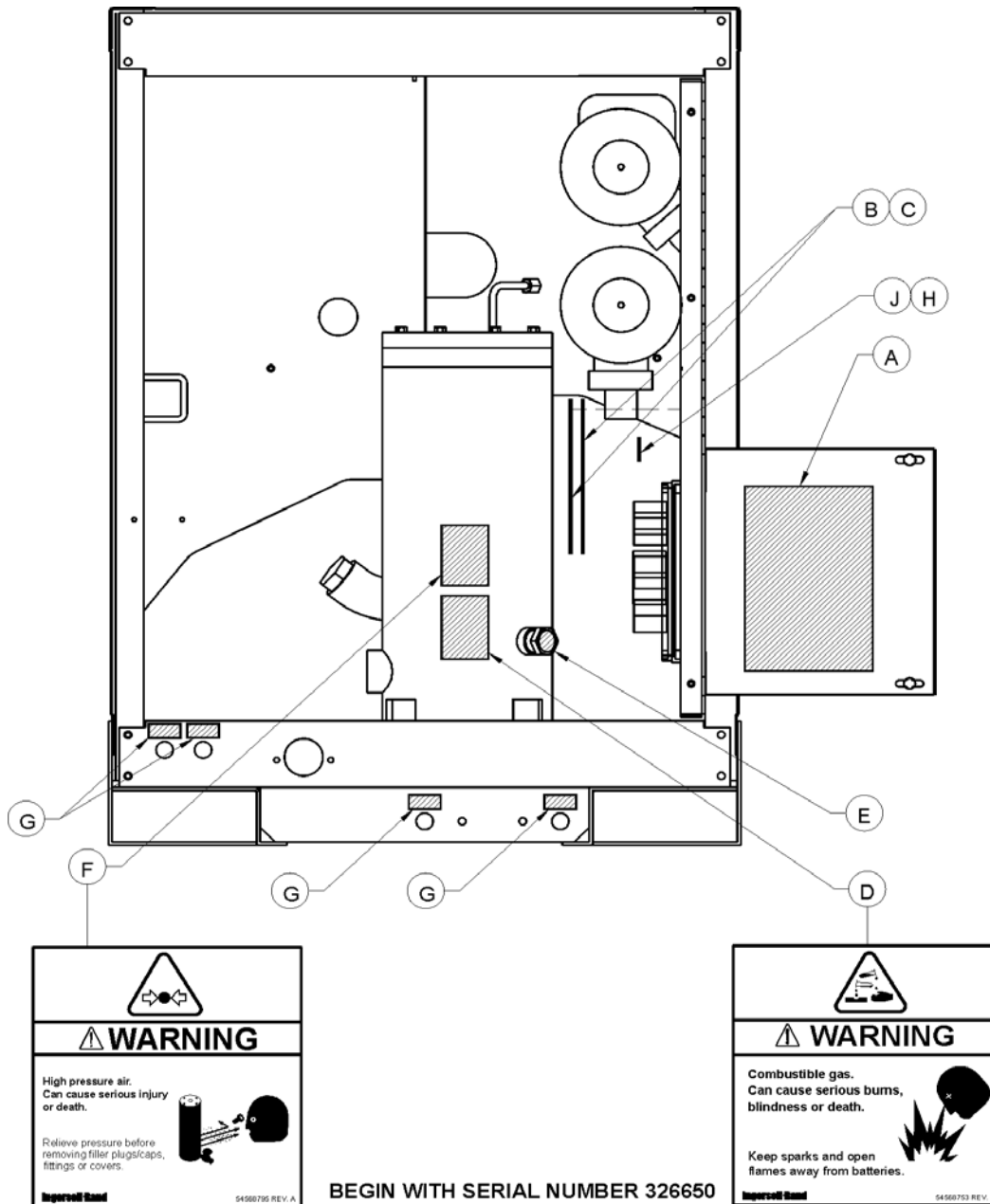


PRIOR TO SERIAL NUMBER 326650

22478390_23C_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36879054	DECAL, OPERATING INSTRUCTIONS	~	Prior to S/N 291065 Between S/N 291065 & 324185
B	36531143	CARD, UTILITY SAFETY	~	
	36522290	CARD, COMPRESSOR SAFETY	~	
C	36847861	TIE, PUSH-MOUNT	~	
D	54568753	DECAL, BATTERY GAS	~	Prior to S/N 324185
E	54604970	DECAL, OIL FILL	~	
F	54568795	DECAL, HIGH PRESSURE AIR	~	
G	36531150	DECAL, GENERAL DATA	~	
H	36523306	DECAL, SERIAL NUMBER	~	
J	36794816	RIVET, 3/16" DIA.	~	
K	54629977	DECAL, CENTRAL DRAINS	~	
L	36531168	CARD, WIRING DIAGRAM	~	

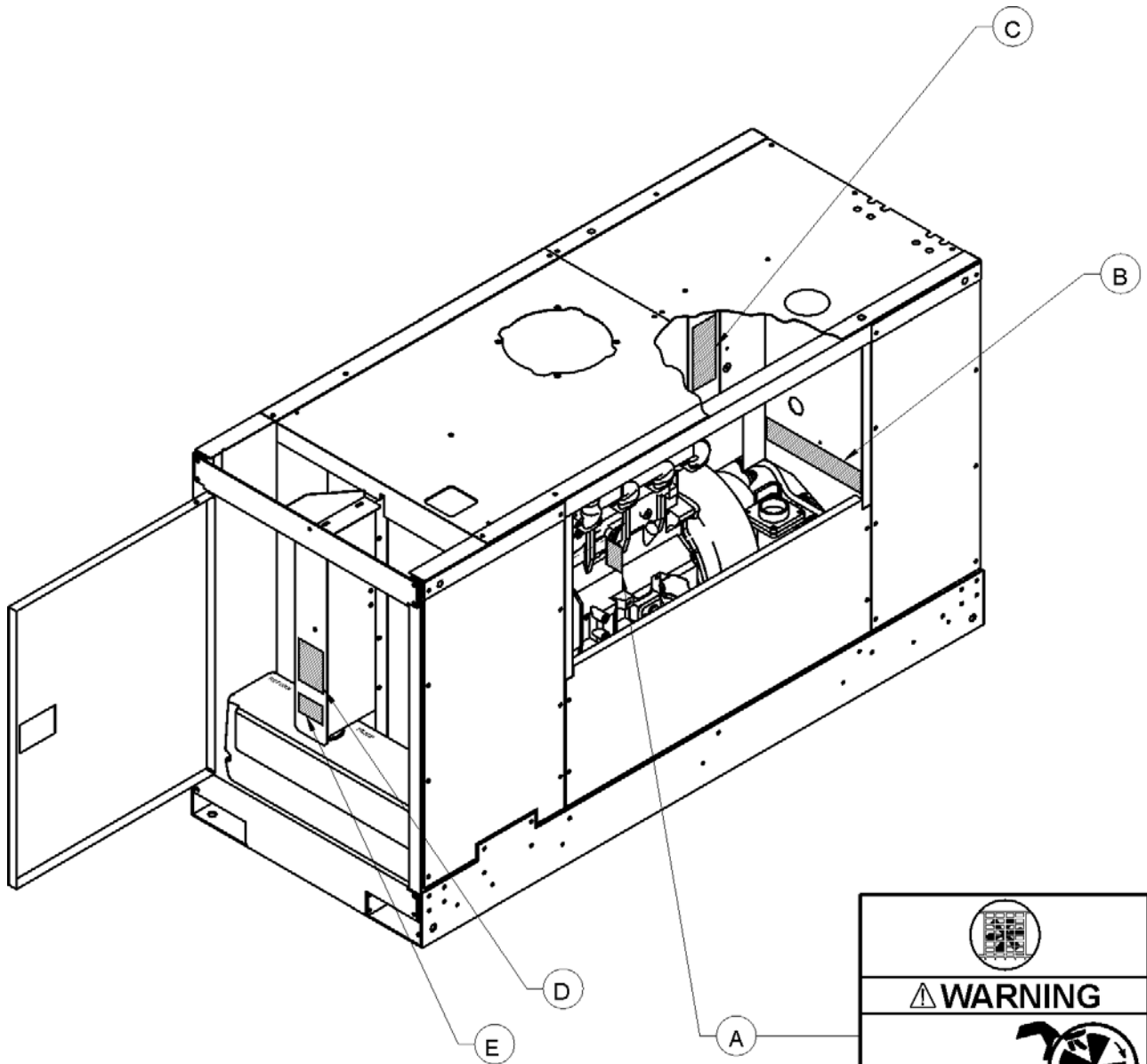
DECAL LOCATION BEGIN with S/N 326650 cont'd



22478390_23D_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22099311	DECAL, OPERATING INSTRUCTIONS	~	
B	22108617	CARD, WIRING DIAGRAM	~	
C	22108641	CARD, OPTION WIRING DIAGRAM	~	
D	54568753	DECAL, BATTERY GAS	~	
E	54604970	DECAL, OIL FILL	~	
F	54568795	DECAL, HIGH PRESSURE AIR	~	
G	54629977	DECAL, CENTRAL DRAINS	~	
H	36523306	PLATE, SERIAL NUMBER	~	Prior to S/N 343161
	22389886	PLATE, SERIAL NUMBER	~	Begin with S/N 343161
J	36794816	RIVET, 3/16" DIA.	~	

DECAL LOCATION PRIOR to S/N 326650 cont'd



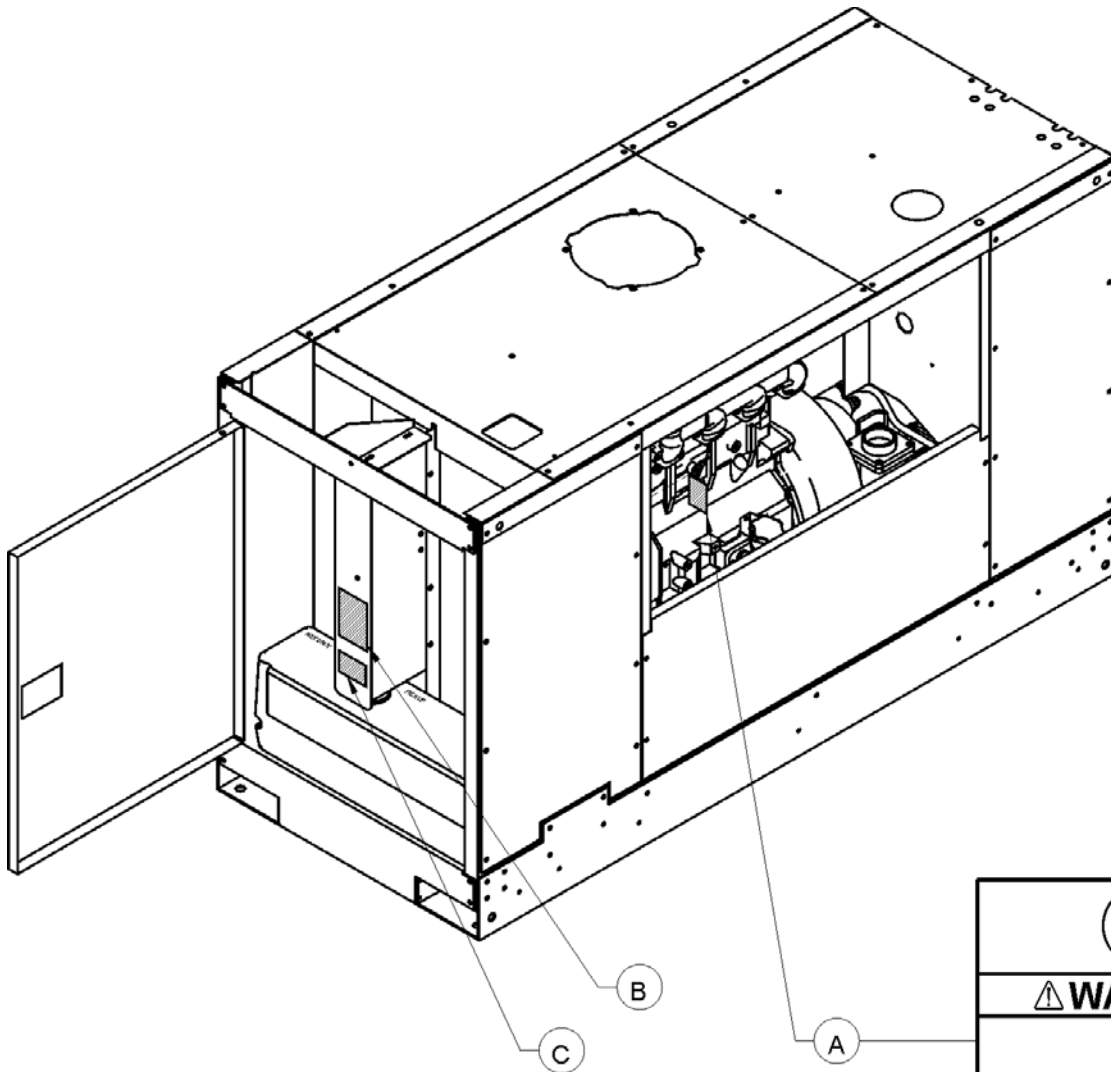
PRIOR TO SERIAL NUMBER 326650



22478390_24D_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54568779	DECAL, ROTATING FAN	~	P130 P175-P185
B	36529394	DECAL, PRESS. REG. ADJ. INSTRUCTION	~	
C	36529451	DECAL, SPEED & PRESS. REGULATION	~	
D	54604962	DECAL, RADIATOR FILL HOT	~	
E	54625207	DECAL, DIESEL FUEL	~	

DECAL LOCATION BEGIN with S/N 326650 cont'd



BEGIN WITH SERIAL NUMBER 326650



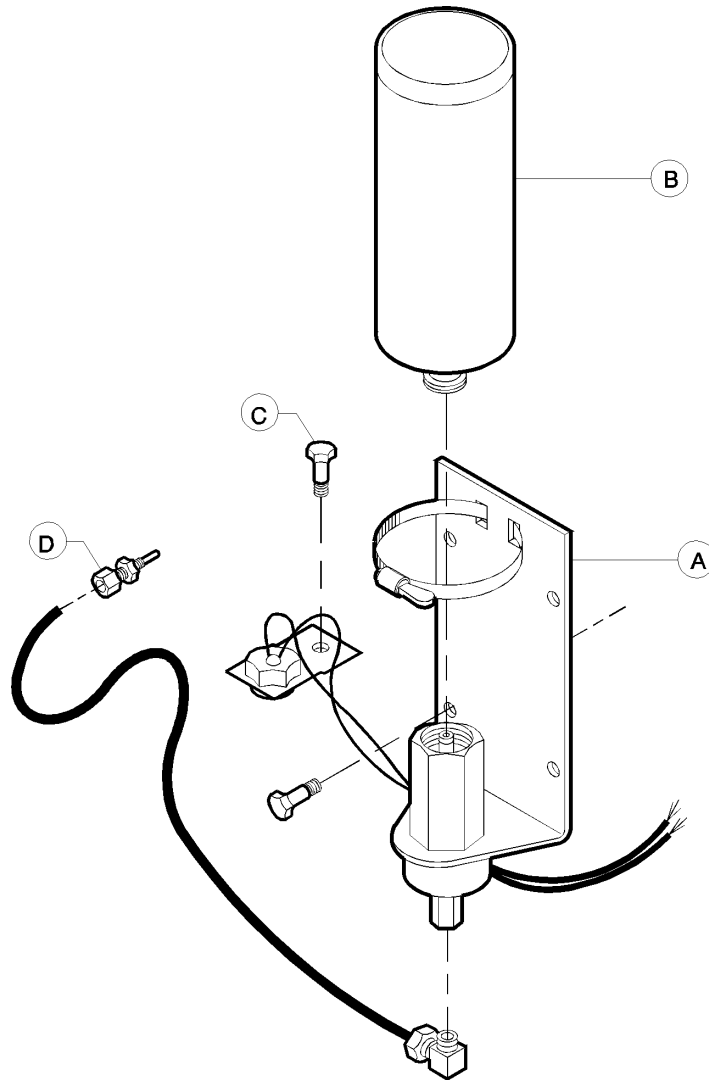
22478390_24E_04/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54568779	DECAL, ROTATING FAN	~	
B	54604962	DECAL, RADIATOR FILL HOT	~	
C	54625207	DDECAL, DIESEL FUEL	~	

Section C - OPTION PARTS



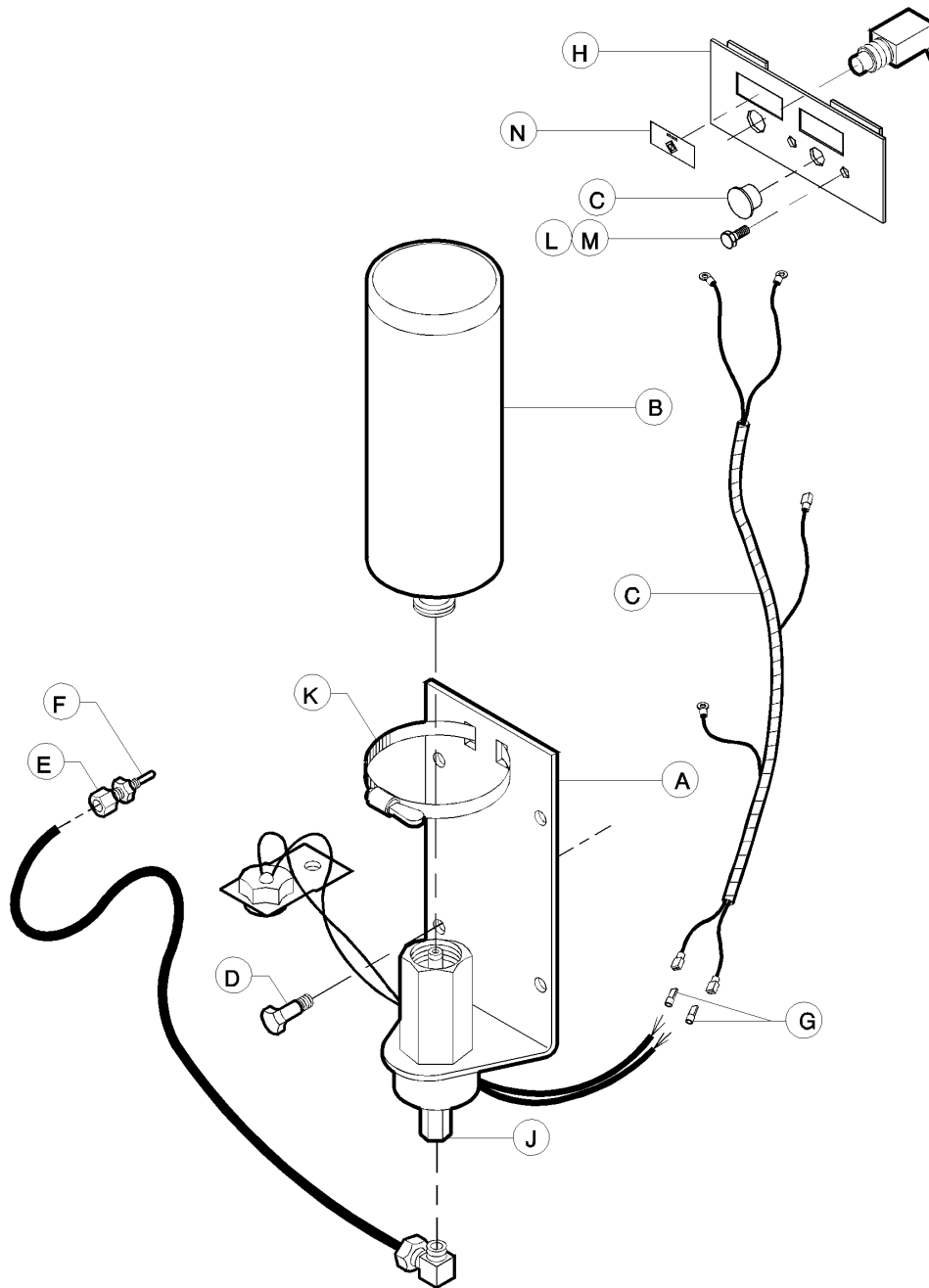
AUTOMATIC COLD START



UTILITY_OPTION_02_08/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35377266	KIT, AUTOMATIC COLD START	1	
B	36796910	CYLINDER, ETHER	1	
C	96701479	SCREW, HEX M10-1.50 X 16	1	
D	36889384	BUSHING	1	

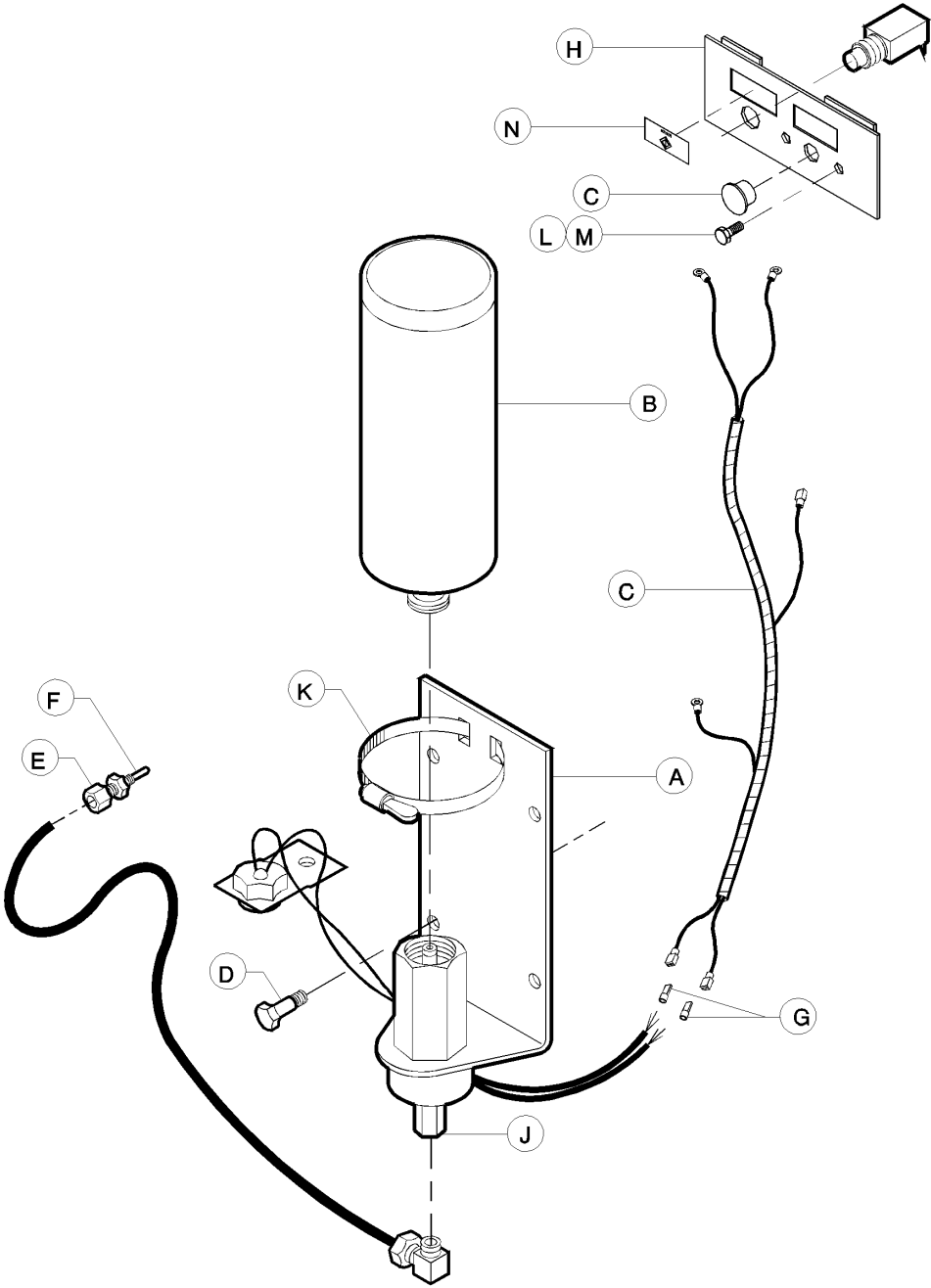
MANUAL COLD START



UTILITY_OPTION_04_08/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35367739	KIT, MANUAL COLD START	1	
B	35112911	CYLINDER, ETHER	1	
C	36842821	HARNESS, MAUAL COLD START	1	
D	92368687	SCREW, HEX M06-1.0 X 14	2	
E	36889384	BUAHING	1	
F	35315027	ATOMIZER	1	
G	35306141	TERMINAL, CONNECTOR	2	

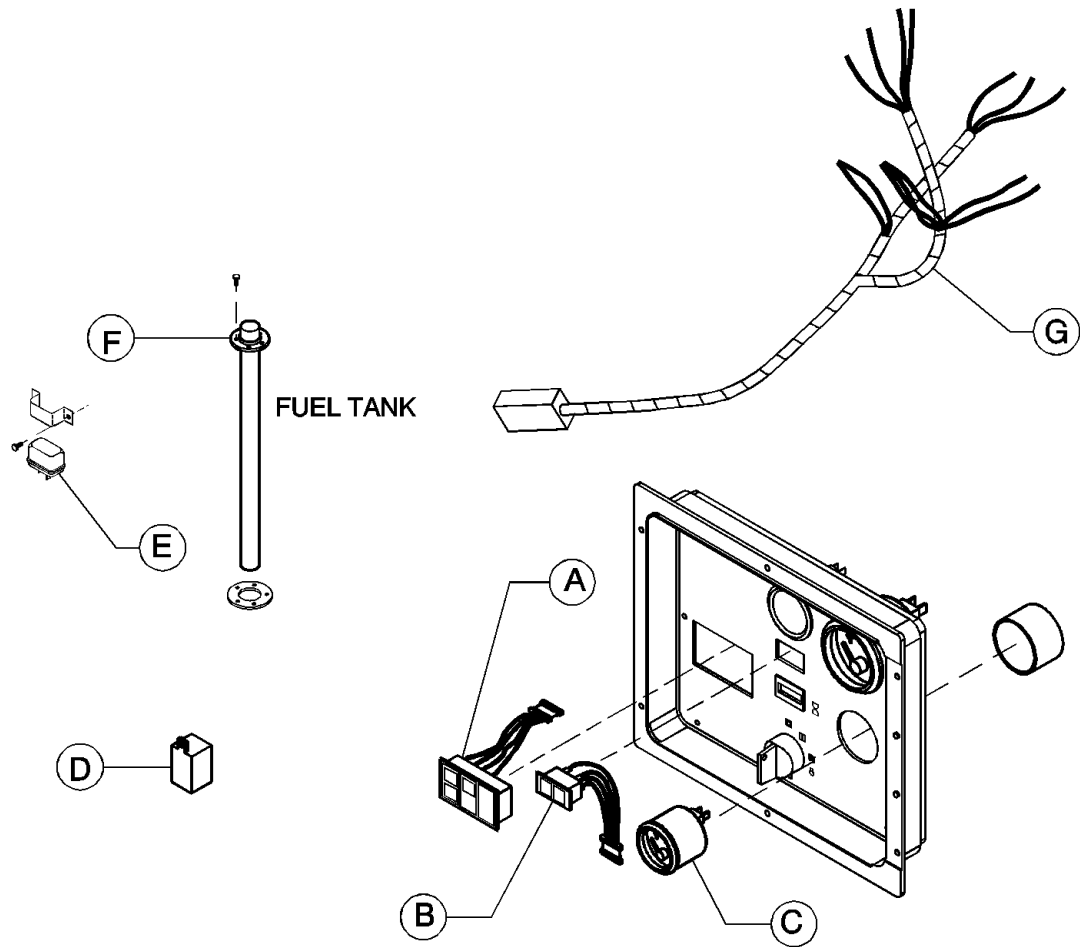
MANUAL COLD START cont'd



UTILITY_OPTION_04_08/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
H	36879708	PANEL, SWITCH BEZEL	1	
J	35367747	VALVE	1	
K	35103506	CLAMP	1	
L	36882207	SCREW. PAN HEAD M06-1.0 X 12	2	
M	96700851	NUT, HEX M06-1.0	2	
N	36879955	DCEAL, ETHER	1	
P	36887636	PLUG, HOLE 9/16"	1	

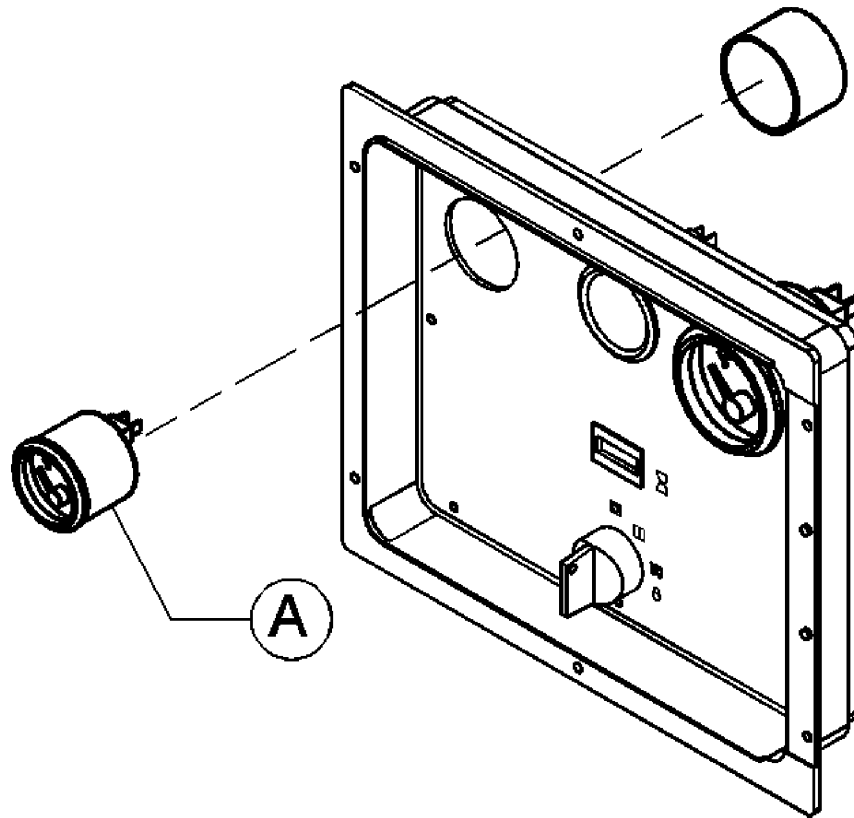
DIAGNOSTIC PANEL



UTILITY_OPTION_06_08/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22055891	MODULE, 3 LIGHT WARNING	1	
B	54774112	MODULE, 2 LIGHT WARNING	1	
C	54774096	GAUGE, FUEL LEVEL	1	
D	36878361	RELAY	1	
E	54368048	RELAY	1	
F	22058531	SENDER, FUEL LEVEL	1	
G	22881122	HARNESS, OPTION	1	

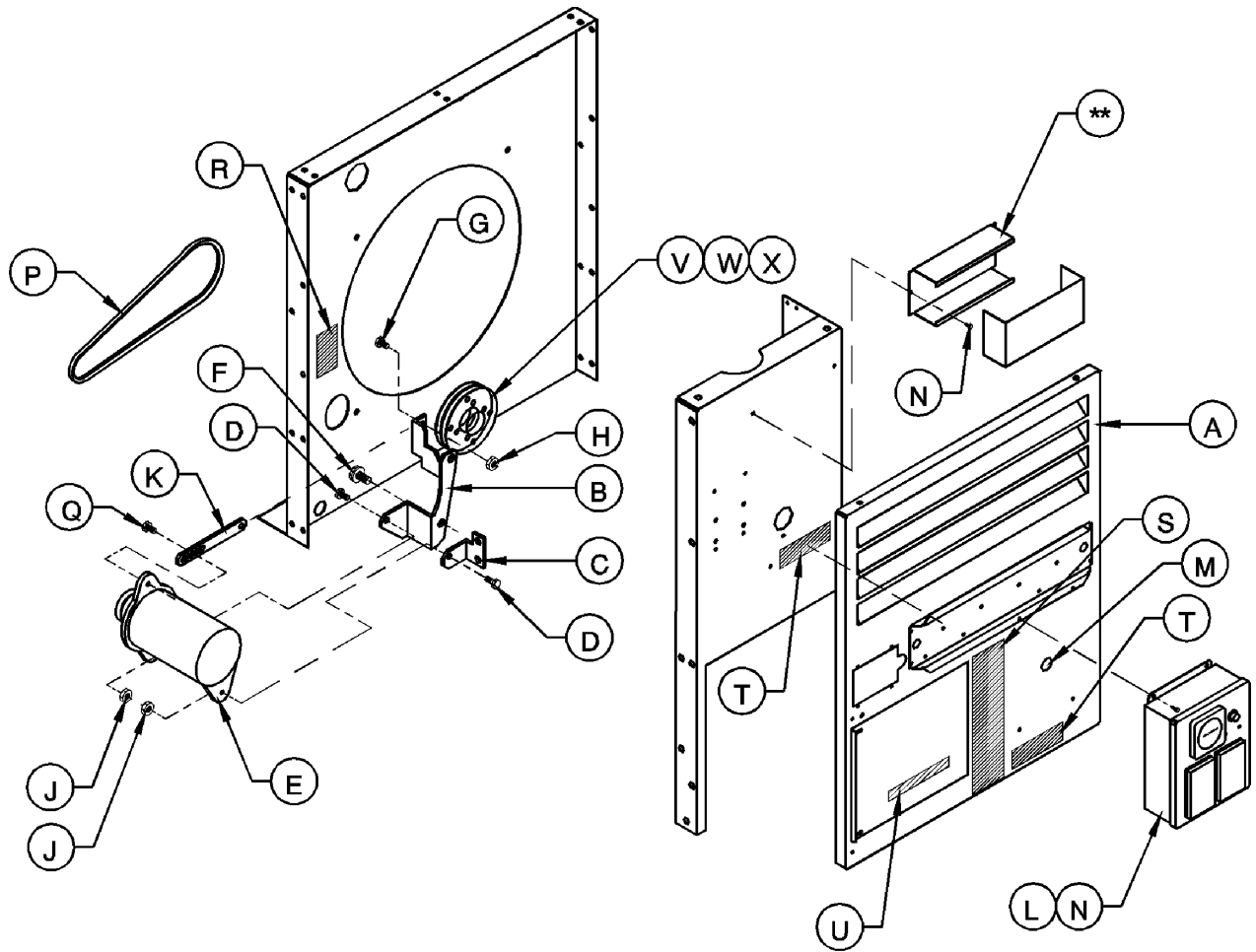
TACHOMETER



UTILITY_OPTION_08_08/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22055883	TACHOMETER	1	

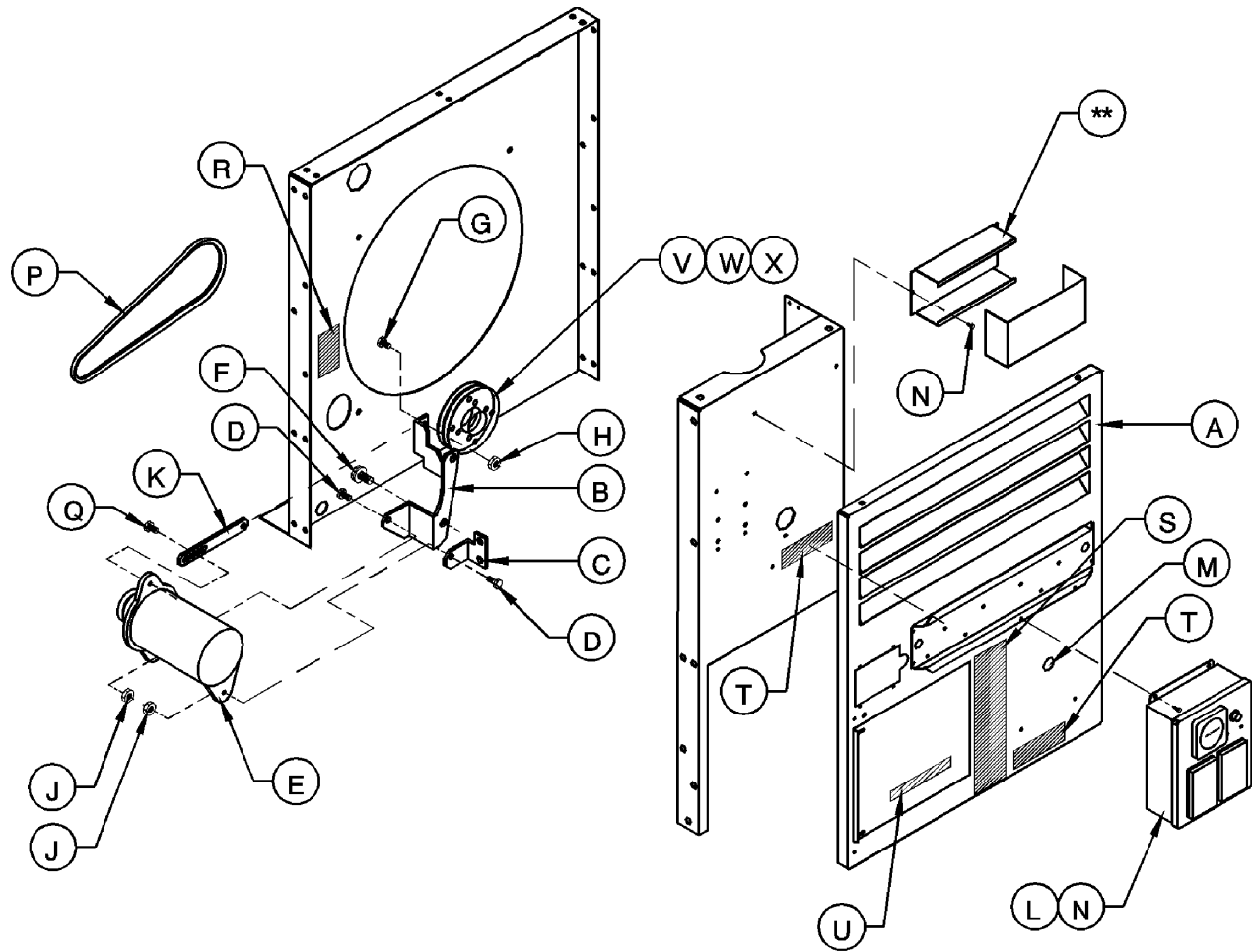
GENERATOR ASSEMBLY



UTILITY_OPTION_10_08/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36892487	DOOR, CURB SIDE	1	
B	36892511	BRACKET, GENERATOR	1	
C	36892529	BRACKET, GENERATOR	1	
D	35271162	SCREW, FLANGE HEAD M08-1.25 x 30	2	
E	36884427	GENERATOR	1	
F	95935185	SCREW, HEX 5/16-18 X 1.25	2	P130 - P175
	36793040	SCREW, FLANGE HEAD M16-2.0 X 40	2	P185
G	96701917	SCREW, HEX M10-1.50 X 30	1	
H	36879195	NUT, HEX FLANGE M10-1.50	1	
J	36881886	NUT, HEX FLANGE M08-1.25	2	
K	35611391	STRAP, ADJ ALTERNATOR	1	
L	36893626	BOX, CONTROL	1	
M	36787414	RELIEF, STRAIN	1	

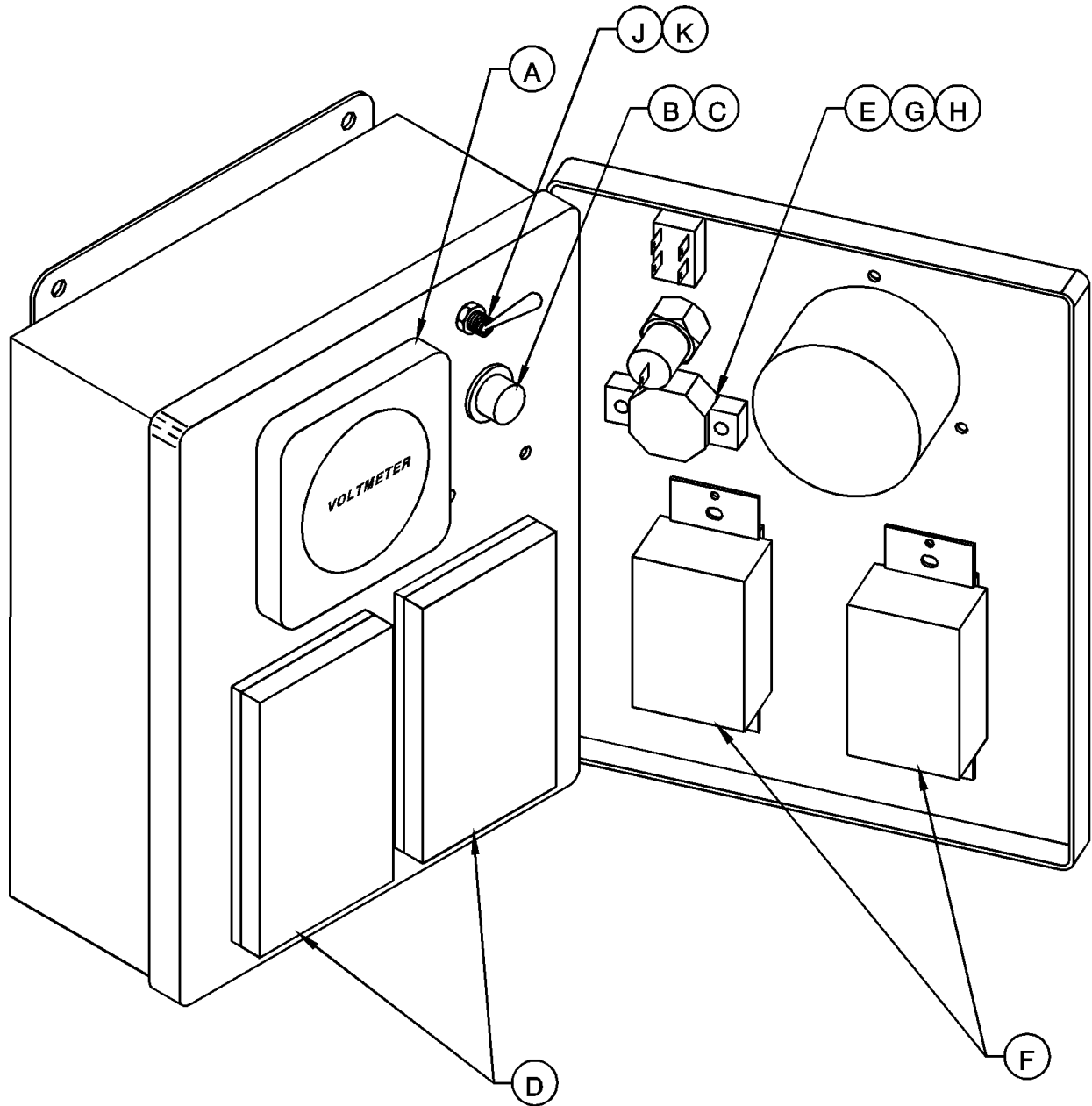
GENERATOR ASSEMBLY cont'd



UTILITY_OPTION_10_08/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	36797652	SCREW, TAPPING M06-1.0 X 12	6	
P	36892610	BELT, V 7/16 X 36	1	
Q	95929006	SCREW, HEX 5/16-18 X 1	1	
R	36531937	DECAL, PINCH POINT	1	
S	36532018	DECAL, VERT 3-PART DANGER	1	
T	36532026	DECAL, HORIZ HAZ VOLTAGE	2	
U	36891604	DECAL, GEN OPERATING INST	1	
V	36896165	PULLEY, CRANKSHAFT	1	P130 & P175
W	36895233	PULLEY, CRANKSHAFT	1	P185
X	95055265	SCREW, CAP SHOULDER 3/8-16 X 1.25	4	P130 & P175
	95055349	SCREW, CAP SHOULDER 3/8-16 X 1	4	P185
	95937413	WASHER, LOCK 3/8"	4	

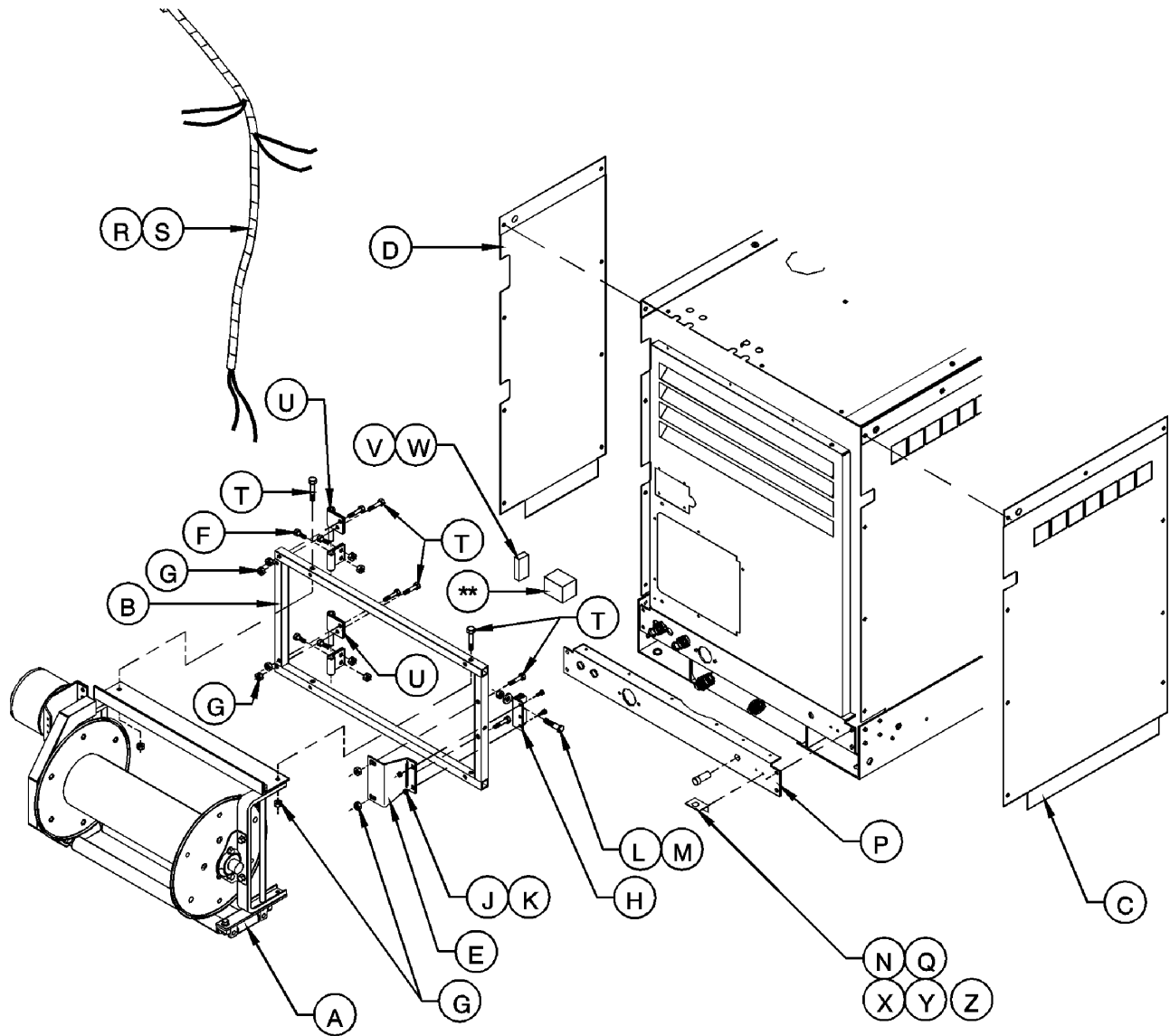
GENERATOR CONTROL BOX ASSEMBLY



UTILITY_OPTION_12_08/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36884435	METER, VOLT 0-15	1	
B	36883825	LAMP, HOLDER RED	1	
C	35333236	BULB, INCAND 12V	1	
D	36862258	COVER, RECEPTACLE GFI	2	
E	36892560	BREAKER, CIRCUIT	1	
F	36848745	RECEPTACLE, DUPLEX 125V	2	
G	95942603	SCREW, PAN HEAD #10-32 X 3/4	2	
H	95923124	NUT, HEX #10-32	2	
J	36892545	SWITCH, 3 POSITION	1	
K	22140784	DECAL, GEN/AIR	1	

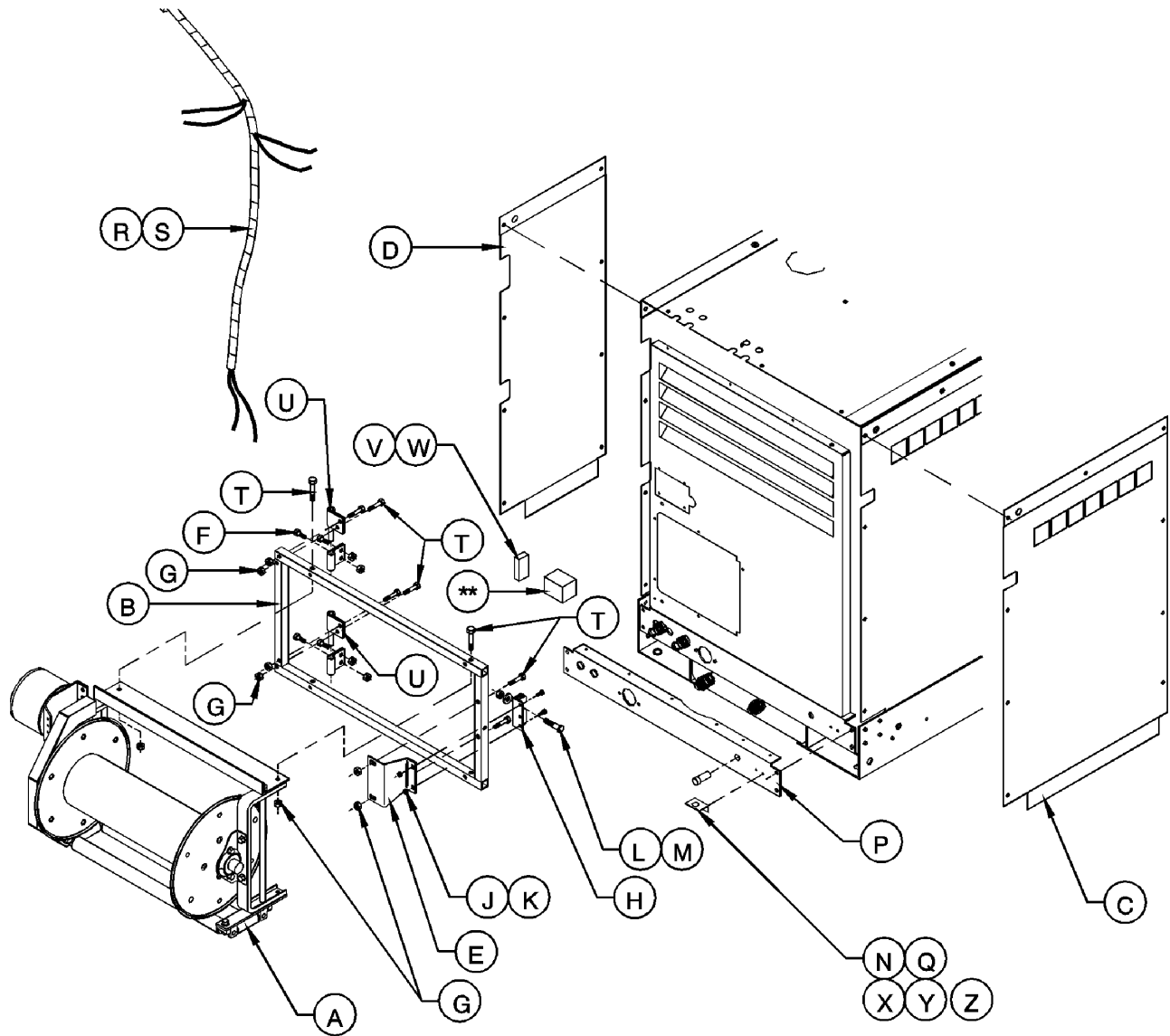
SIDE HINGE ELECTRIC HOSE REEL ASM



UTILITY_OPTION_14_08/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36892586	HOSE REEL ASSEMBLY	1	
B	36891638	FRAME, HOSE REEL	1	
C	36892404	PANEL, CAB SIDE	1	
D	36892412	PANEL, BED SIDE	1	
E	36894236	BRACKET, LATCH MOUNTING	1	
F	36880995	SCREW, HEX FLANGE HD M10-1.5 X 30	4	
G	36879195	NUT, HEX FLANGE M10-1.5	16	
H	36894228	LATCH, SLAM	1	
J	36769024	SCREW, HEX M06-1.0 X 20	3	
K	96700851	NUT, HEX M06-1.0	3	
L	36891620	PIN, STRIKER	1	
M	95993485	NUT, HEX 7/16-14	1	
N	92368687	SCREW, TAPPING M06-1.0 X 14	2	

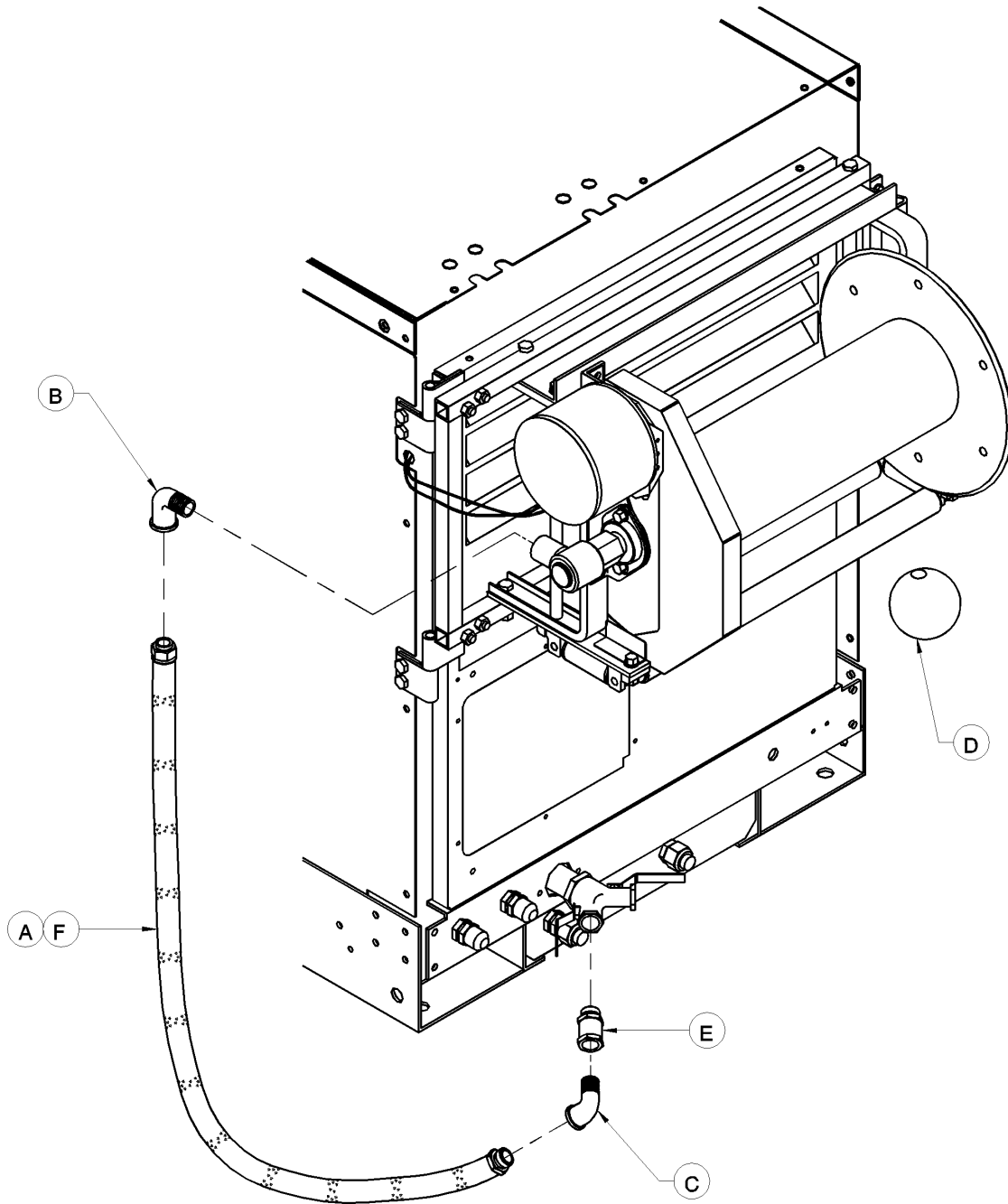
SIDE HINGE ELECTRIC HOSE REEL ASM cont'd



UTILITY_OPTION_14_08/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	36892537	FRAME, DOOR LOWER CURB	1	
Q	35296748	BRACKET, HOSE REEL LOCK	1	
R	36793008	RELIEF, STRAIN	1	
S	36892420	HARNESS, H.R.WIRING	1	
T	36766343	SCREW, HEX M10-1.5 X 60	16	
U	36891604	HINGE, LIFT-OFF	2	
V	35249721	SCREW, SELF TAPPING #8-32 X 5/8"	2	
W	36884633	BREAKER, CIRCUIT	1	
X	35221910	LOCK, COUPLING HOSE (STD HOSE)	1	
	35358506	COUPLING, HOSE 1/2 NPT (THOR CPLGS)	1	
Y	95928321	WASHER, FLAT	2	
Z	35153972	CAP, HOSE LOCK	1	

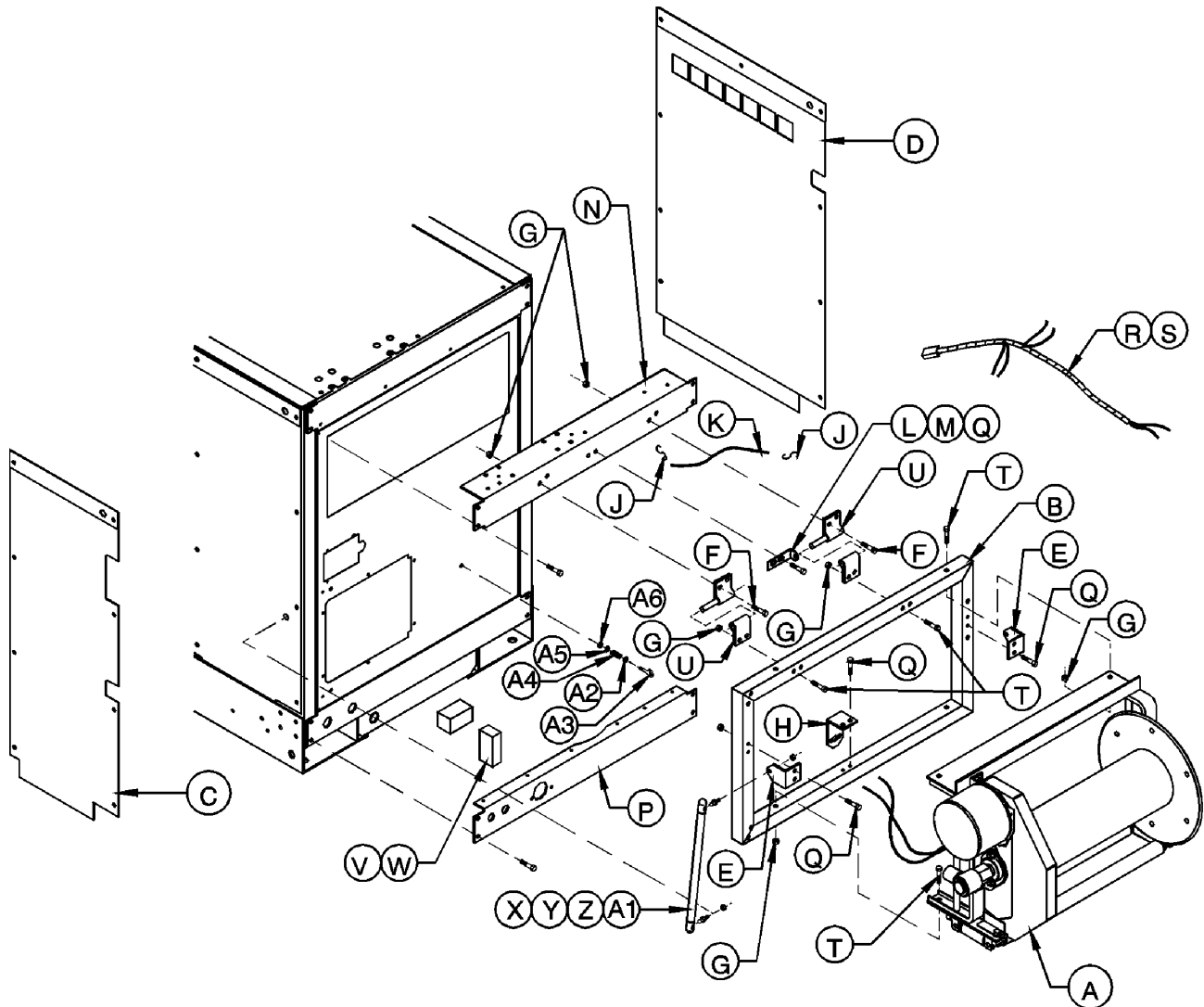
SIDE HINGE HOSE REEL PIPING



UTILITY_OPTION_16_08/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36892636	HOSE ASSEMBLY	1	
B	95928198	ELBOW, 45° STREET 3/4 NPT	1	
C	95928172	ELBOW, 90° STREET 3/4 NPT	1	
D	35378322	STOP, HOSE	1	
E	35364371	VALVE, CHECK EXCESS FLOW	1	P130
	35364397	VALVE, CHECK EXCESS FLOW	1	P175 - P185
F	35114081	CLAMP, HOSE	1	

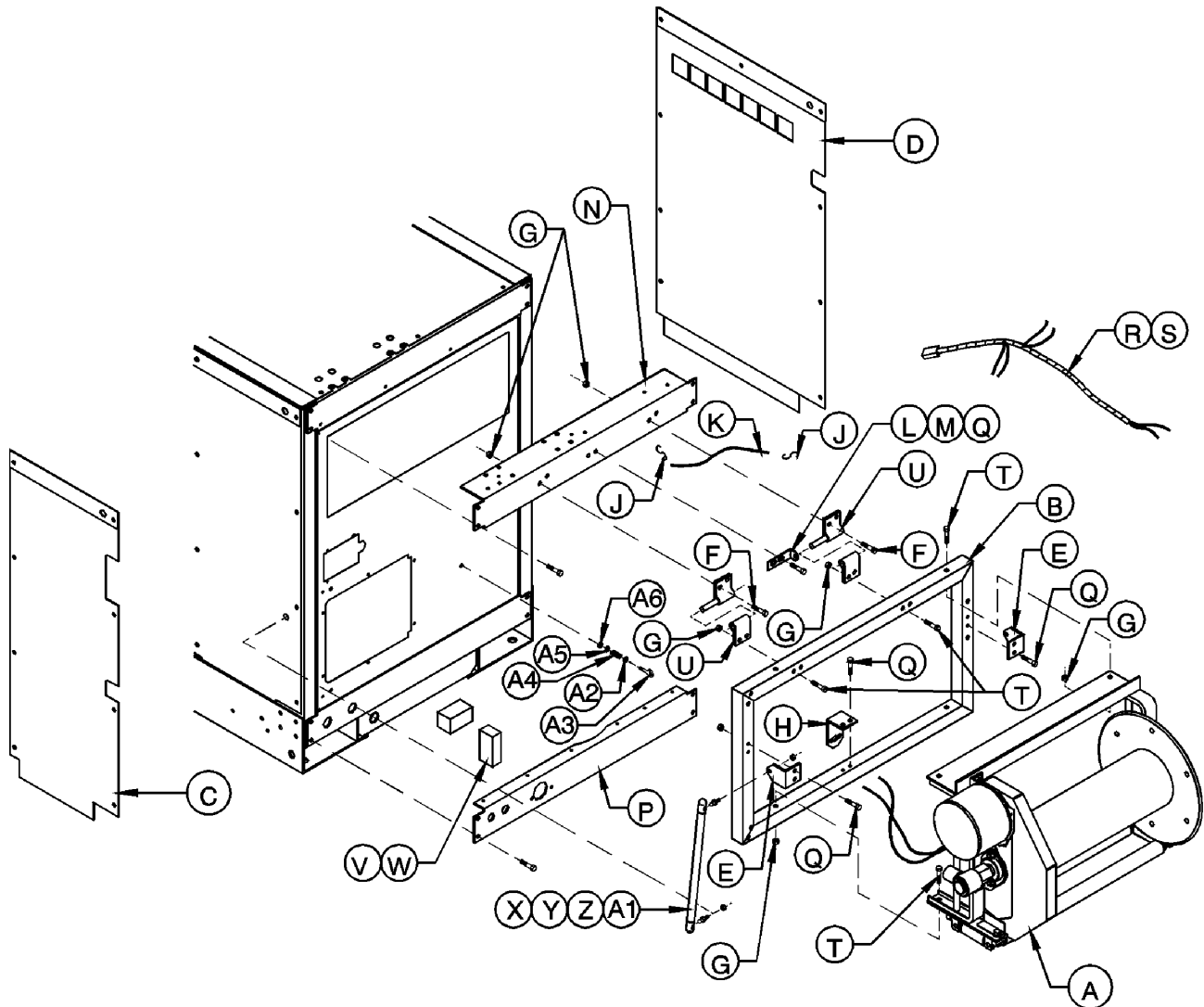
TOP HINGE ELECTRIC HOSE REEL ASM.



UTILITY_OPTION_34_08/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36892586	HOSE REEL ASSEMBLY	1	
B	36891638	FRAME, HOSE REEL	1	
C	36892404	PANEL, CAB SIDE	1	
D	36892412	PANEL, BED SIDE	1	
E	36896421	ANGLE, GAS SPRING	2	
F	36880995	SCREW, HEX FLANGE HD M10-1.5 X 30	4	
G	36879195	NUT, HEX FLANGE M10-1.5	8	
H	36896355	ANGLE, LATCH	1	
J	36861383	HOOK, S	2	
K	36786218	LANYARD	1	
L	36896348	ANGLE, HINGE STOP	1	
M	36896462	PLUG, 3/8"	1	
N	36896629	FRAME, UPPER DOOR	1	
P	36892537	FRAME, DOOR LOWER CURB	1	
Q	35279025	SCREW, TAPPING M08-1.25 X 20	8	

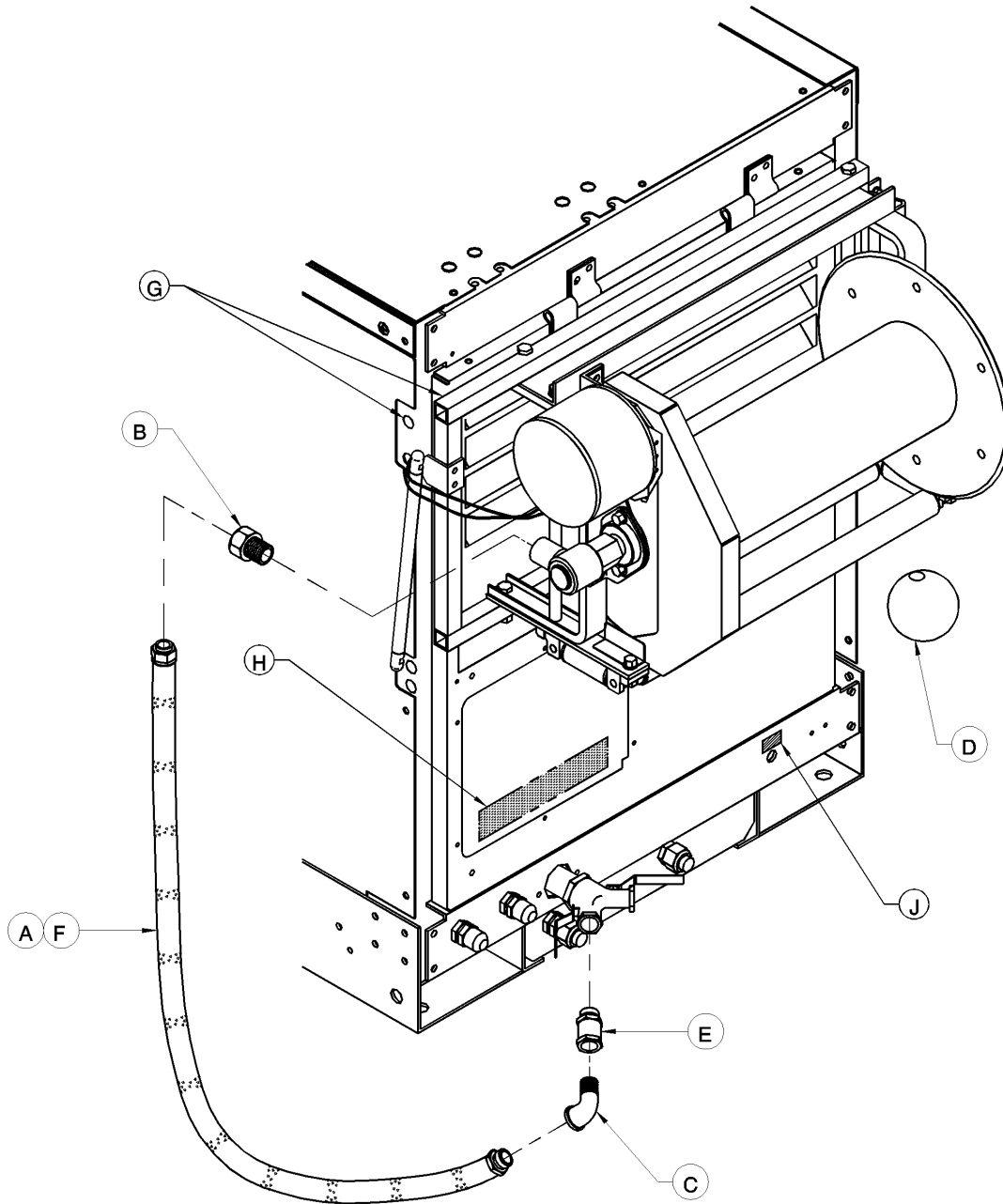
TOP HINGE ELECTRIC HOSE REEL ASM. cont'd



UTILITY_OPTION_34_08/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
R	36793008	RELIEF, STRAIN	1	
S	36892420	HARNESS, H.R.WIRING	1	
T	36766343	SCREW, HEX M10-1.5 X 60	8	
U	36891604	HINGE, LIFT-OFF	2	
V	35249721	SCREW, SELF TAPPING #8-32 X 5/8"	2	
W	36884633	BREAKER, CIRCUIT	1	
X	35600279	SPRING, GAS	1	
Y	35337328	STUD, BALL M08-1.25	4	
Z	95934998	WASHER, FLAT	4	
A1	36881886	NUT, HEX M08-1.25	4	
A2	36772028	WASHER, NYLON	1	
A3	35607829	EYEBOLT, 1/4-20 X 2.5	1	
A4	35607837	SPRING	1	
A5	95935029	WASHER, FLAT	1	
A6	95926298	NUT, HEX LOCK 1/4-20	1	

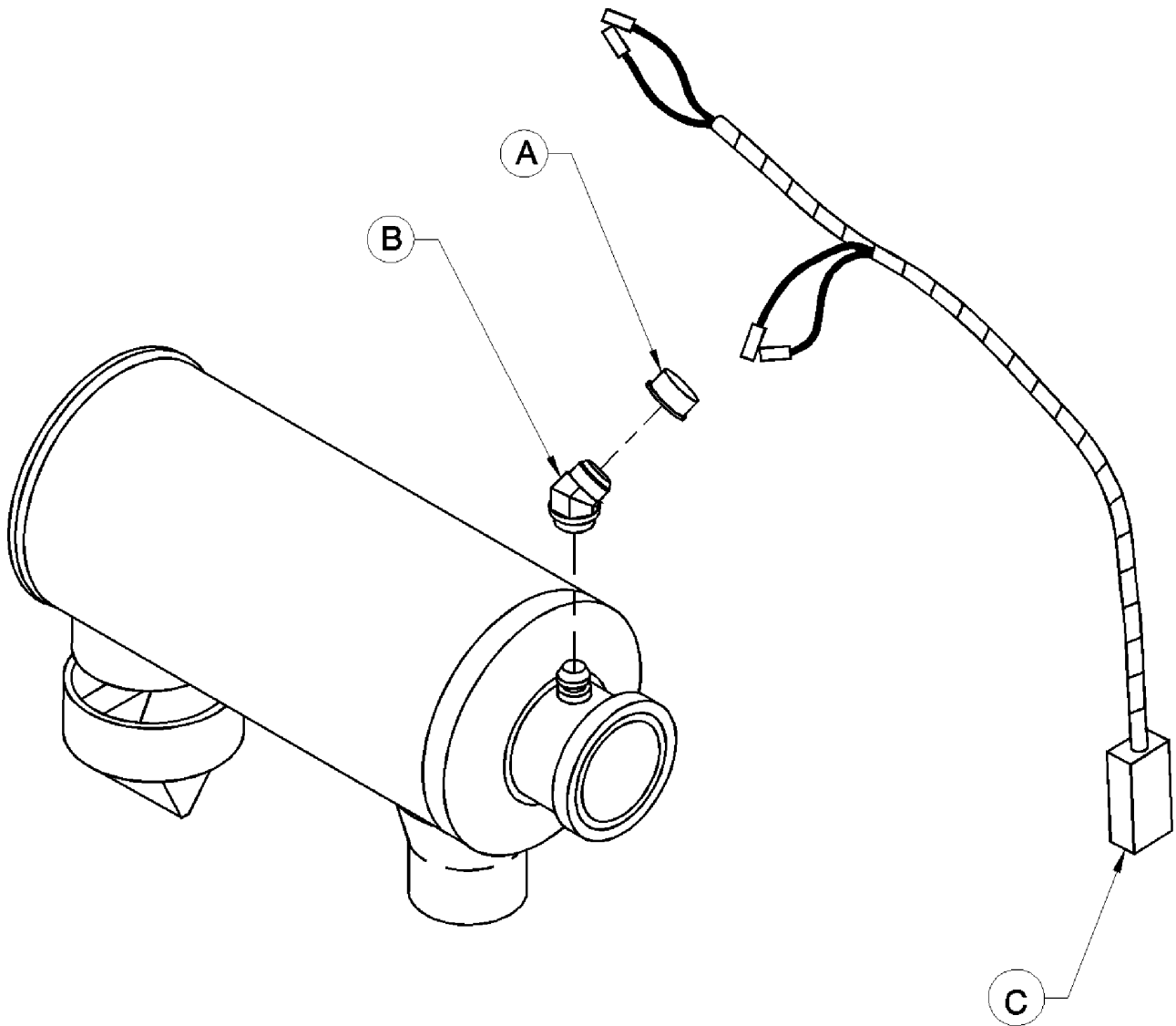
TOP HINGE HOSE REEL PIPING



UTILITY_OPTION_36_08/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35323807	HOSE ASSEMBLY	1	P130 P175 - P185
B	95219747	ADAPTER, 3/4 NPT X -12 JIC	1	
C	35294735	ELBOW, 90° STREET 3/4 NPT X -12 JIC	1	
D	35378322	STOP, HOSE	1	
E	35364371	VALVE, CHECK EXCESS FLOW	1	
	35364397	VALVE, CHECK EXCESS FLOW	1	
F	35225077	CLAMP, HOSE	4	
G	36896462	PLUG, 3/8"		
H	36532042	DECAL, HOSE REEL OPER INST		
J	36531945	DECAL, HOSE REEL REWIND		

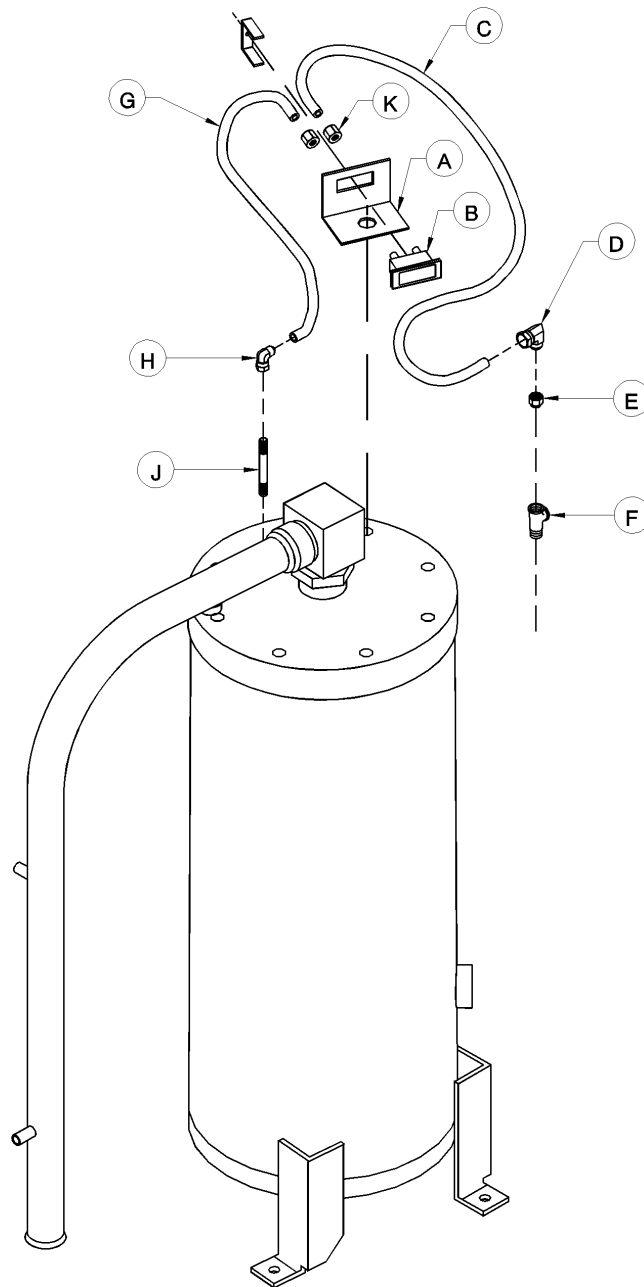
ELEC RIC AIR FILTER MAINTENANCE INDICATOR



UTILITY_OPTION_18_08/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36847838	SWITCH, FILTER INDICATOR	2	
B	95956199	ELBOW, 45° X 1/8 NPT	2	
C	36842839	HARNESS, AFMI	1	

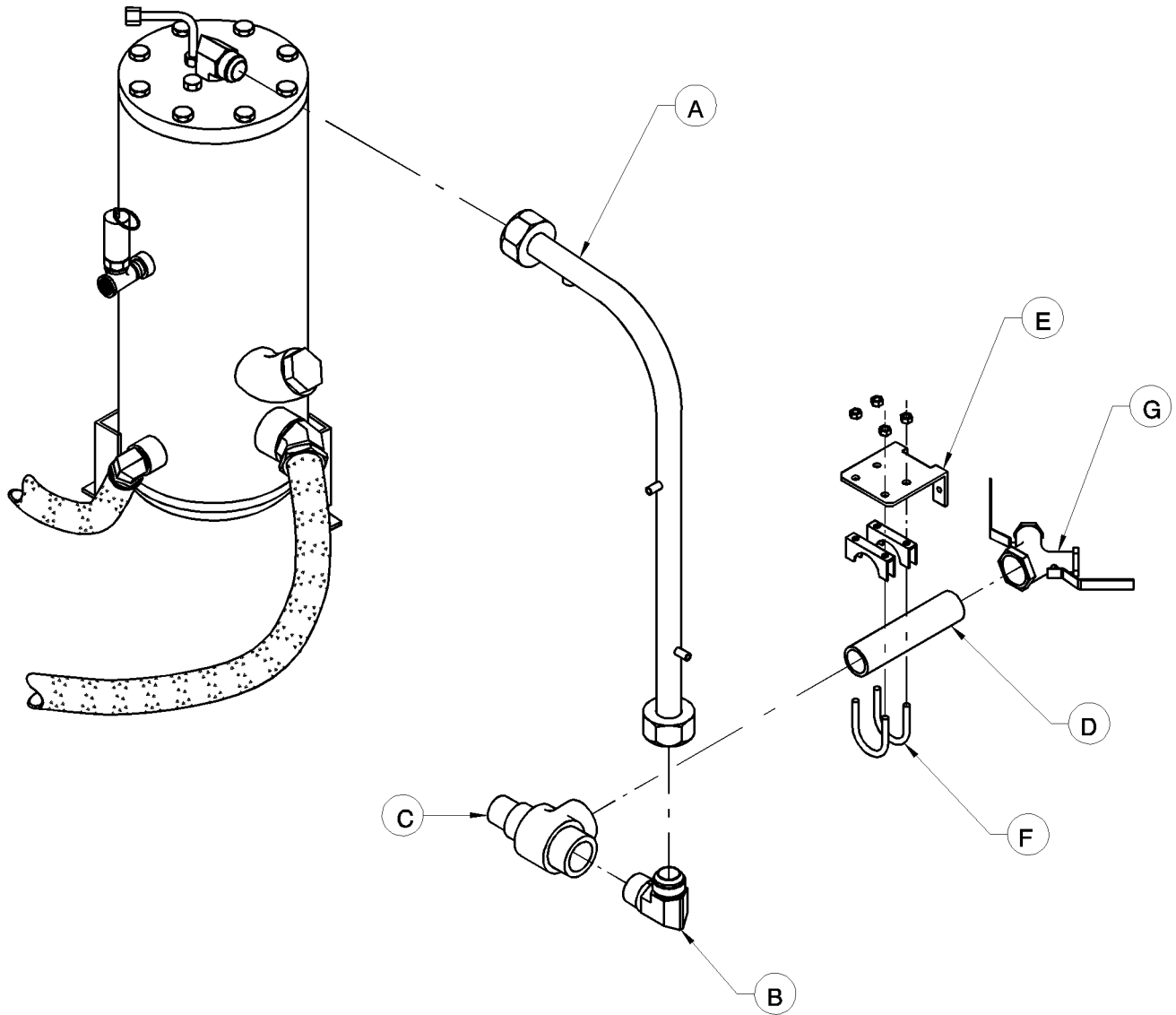
SEPARATOR TANK DELTA P INDICATOR



UTILITY_OPTION_22_08/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36841922	BRACKET, INDICATOR MOUNTING	1	
B	35825546	INDICATOR, SEPARATOR ELEMENT	1	
C	35356484	TUBING, 3/8"	17"	
D	35369354	ELBOW, MALE 1/4 NPT X 3/8 TUBE	1	
E	95944625	BUSHING, REDUCING	1	
F	35301373	TEE, STREET 1/2 NPT	1	
G	35356484	TUBING, 3/8"	20"	
H	35377035	ELBOW, FEMALE 1/4 NPT X 3/8 TUBE	1	
J	95084059	NIPPLE, 1/4 NPT X 3.0"	1	
K	35379700	CONNECTOR, 1/8 NPT X 3/8 TUBE	2	

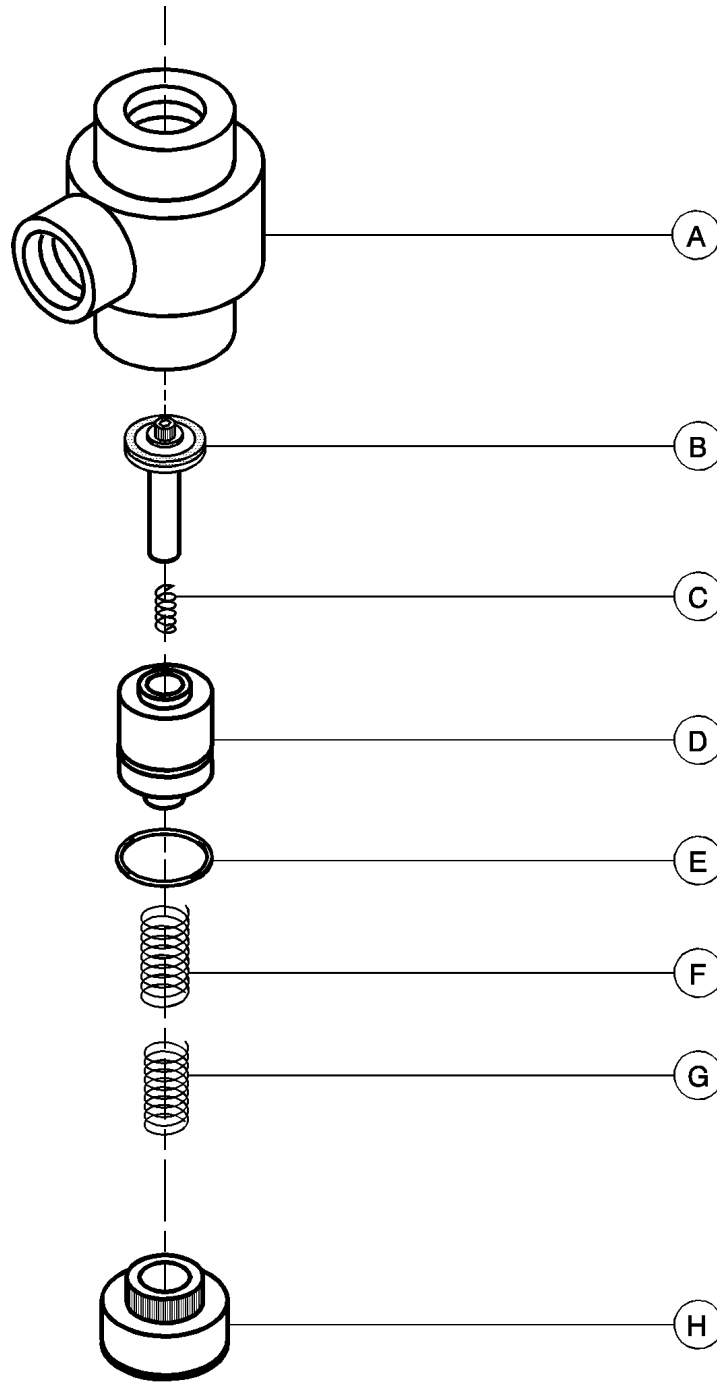
MINIMUM PRESSURE VALVE PIPING



UTILITY_OPTION_22_08/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36891505	TUBE, SERVICE	1	
B	95219861	ELBOW, 90° MALE 1.25 NPTF X 1.25 TUBE	1	
C	36776219	VALVE, MINIMUM PRESSURE CHECK	1	
D	95916268	NIPPLE, 1.25NPT X 8.0"	1	
E	36890846	BRACKET, SERVICE PIPE	1	
F	36785277	CLAMP, SADDLE 1.62" DIA.	1	
G	36881076	VALVE, WYE	1	
H	95923314	NUT, HEX 5/16-18	4	
J	35279025	SCREW, TAPPING M08-1.25 X 20	2	

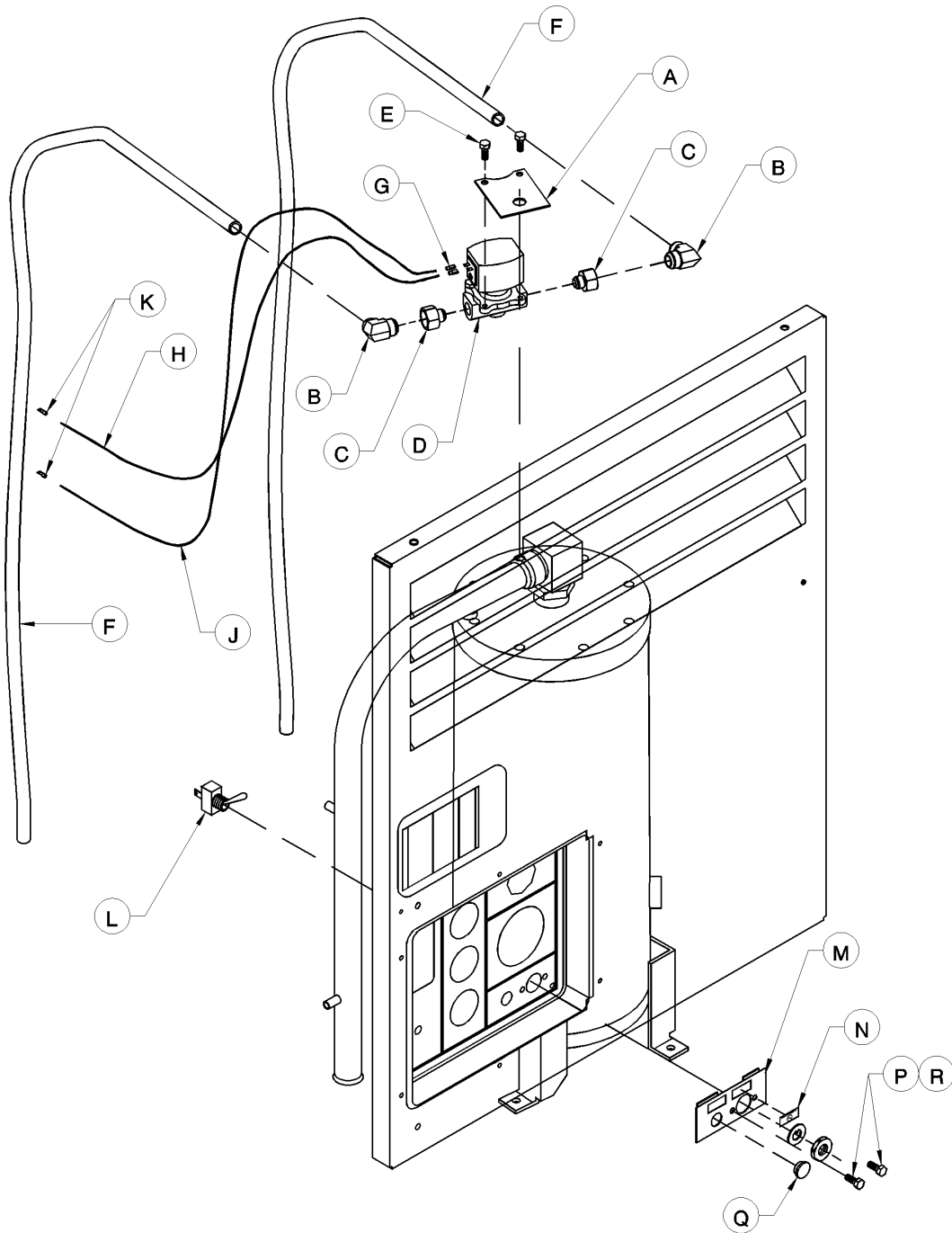
MINIMUM PRESSURE VALVE ASSEMBLY



UTILITY_OPTION_24_08/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35382621	BODY, MINIMUM PRESSURE VALVE	1	
B	35382639	CV ASSEMBLY	1	
C	35382662	SPRING	1	
D	35382647	PISTON	1	
E	35382647	O-RING	1	
F	35382670	SPRING	1	
G	35389055	SPRING	1	
H	35382688	CAP	1	

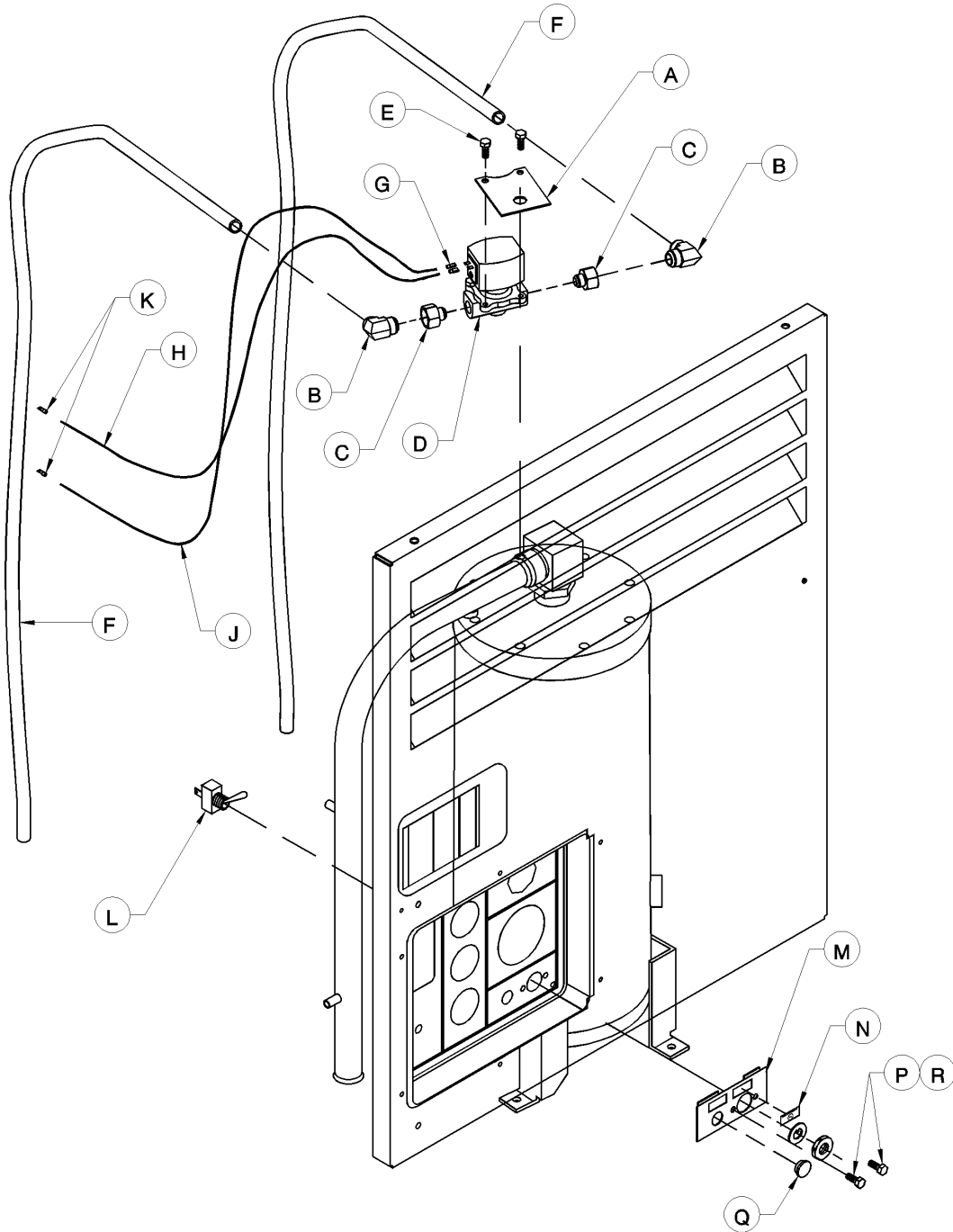
ELECTRIC START-RUN PIPING



UTILITY_OPTION_26_08/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36892669	BRACKET, SOLENOID VALVE	1	
B	35369354	ELBOW, MALE 1/4NPT X 3/8 TUBE	2	
C	95940748	BUSHING, REDUCING	2	
D	36843142	SLOENOID, 12 VDC	1	
E	95928982	SCREW, HEX 1/4-20 X 3/4"	2	
F	35356484	TUBING, 3/8 SYNPLEX	2 @ 44"	
G	36844520	CONNECTOR, 1/4" FEMALE SPADE	2	
H	35360916	WIRE, 14 GA. ORANGE	30"	

ELECTRIC START-RUN PIPING cont'd



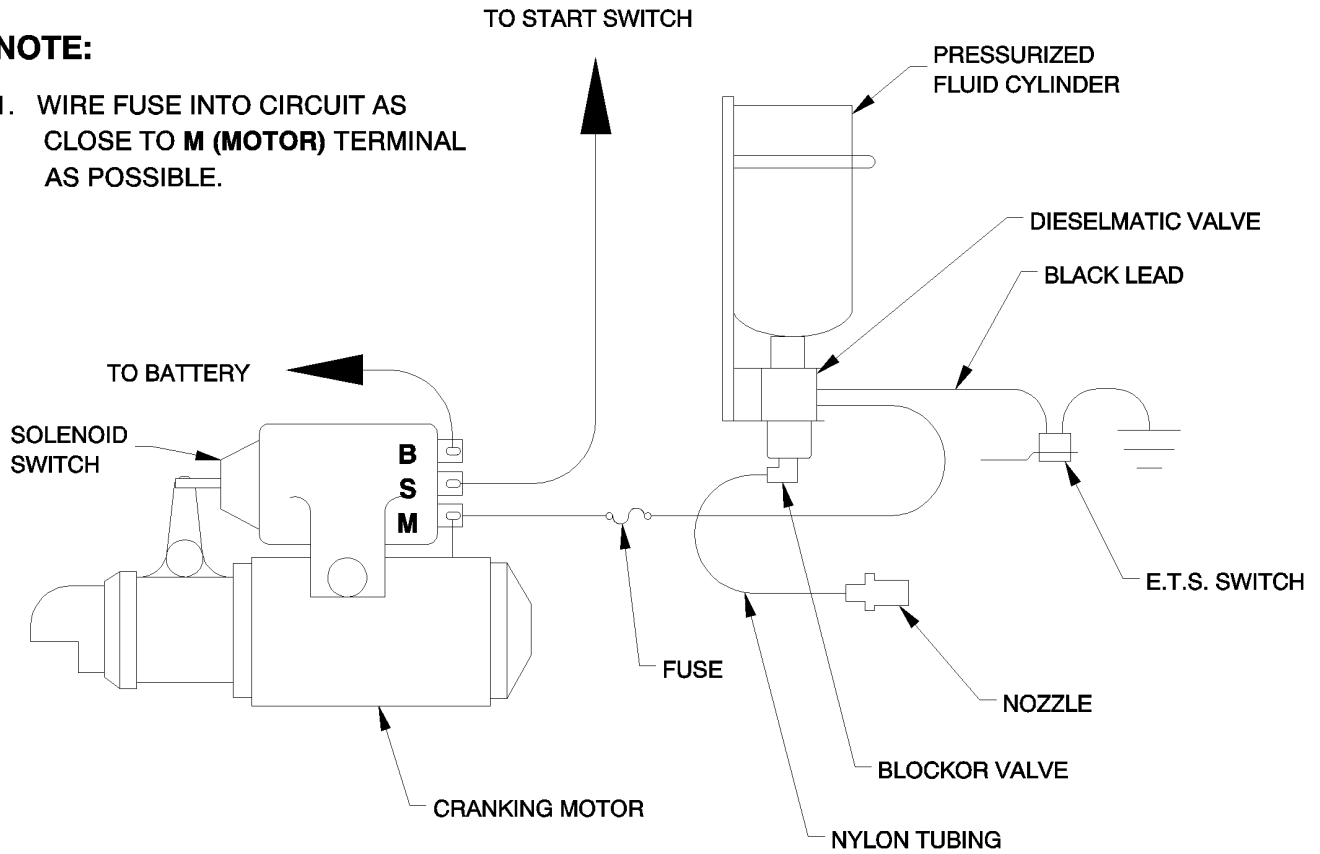
UTILITY_OPTION_26_08/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
J	35307685	WIRE, 14 GA. BROWN	30"	
K	35306141	CONNECTOR, 1/4" MALE SPADE	2	
L	36895449	SWITCH, 3 POSITION TOGGLE	1	
M	36879708	PANEL, SWITCH BEZEL	1	
N	36532992	DECAL, START/RUN	1	
P	36882207	SCREW, PAN HD M06-1.0 X 12	2	
Q	35282185	PLUG, HOLE	1	
R	96700851	NUT, HEX M06-1.0	2	

COLD START WIRING

NOTE:

1. WIRE FUSE INTO CIRCUIT AS CLOSE TO **M (MOTOR)** TERMINAL AS POSSIBLE.



3.0KW GENERATOR WIRING

1 INSTALLATION OF PMVR 120 REGULATOR:

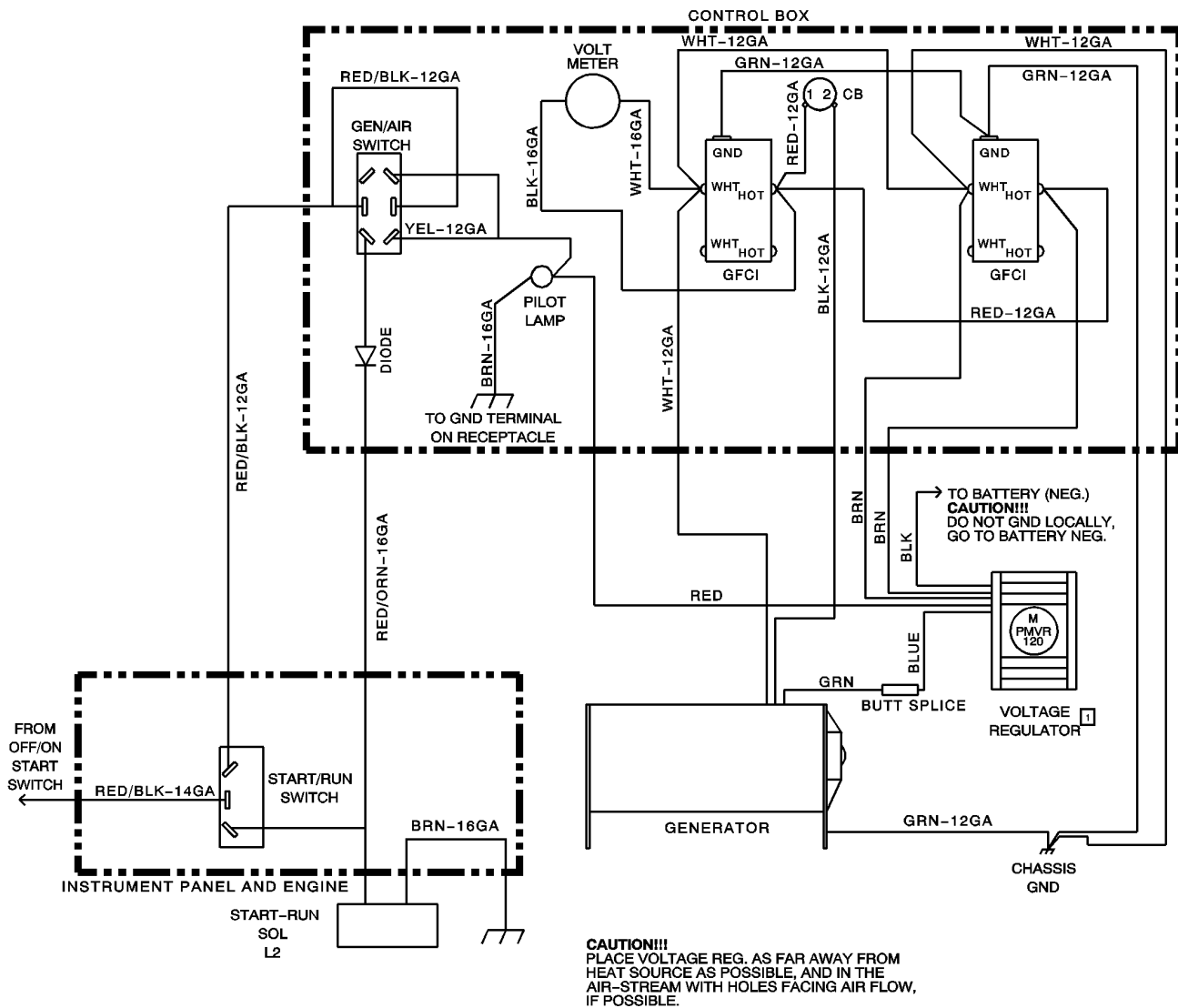
- A. CONNECT DOUBLE BRN WIRE LEADS OF VOLTAGE REGULATOR AS FOLLOWS:**

ONE LEAD TO SILVER SCREW OF DOUBLE
RECEPTACLE IN CONTROL BOX.
OTHER LEAD TO BRASS SCREW.

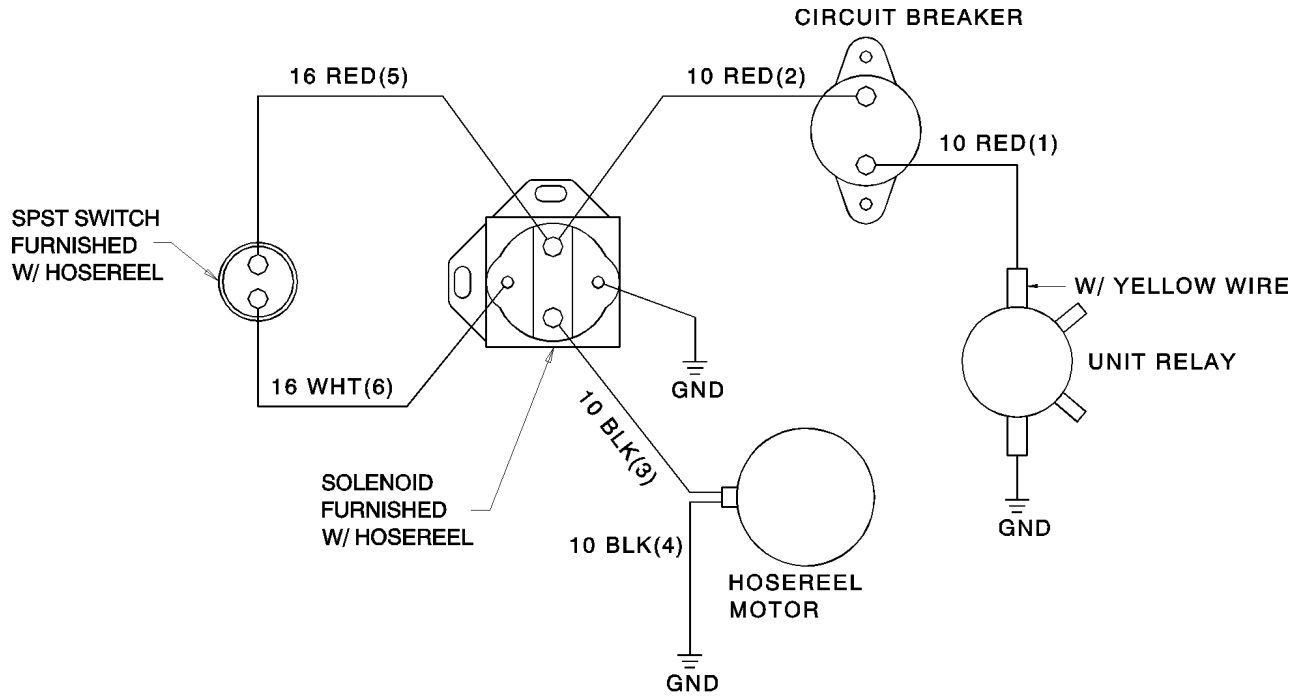
- B. CONNECT RED WIRE TO YELLOW WIRE (HOT +12 V SOURCE), AND TO PILOT LAMP TERMINAL.**

- C. CONNECT BLUE WIRE TO GREEN WIRE OF ALTERNATOR WITH BUTT SPLICE.**

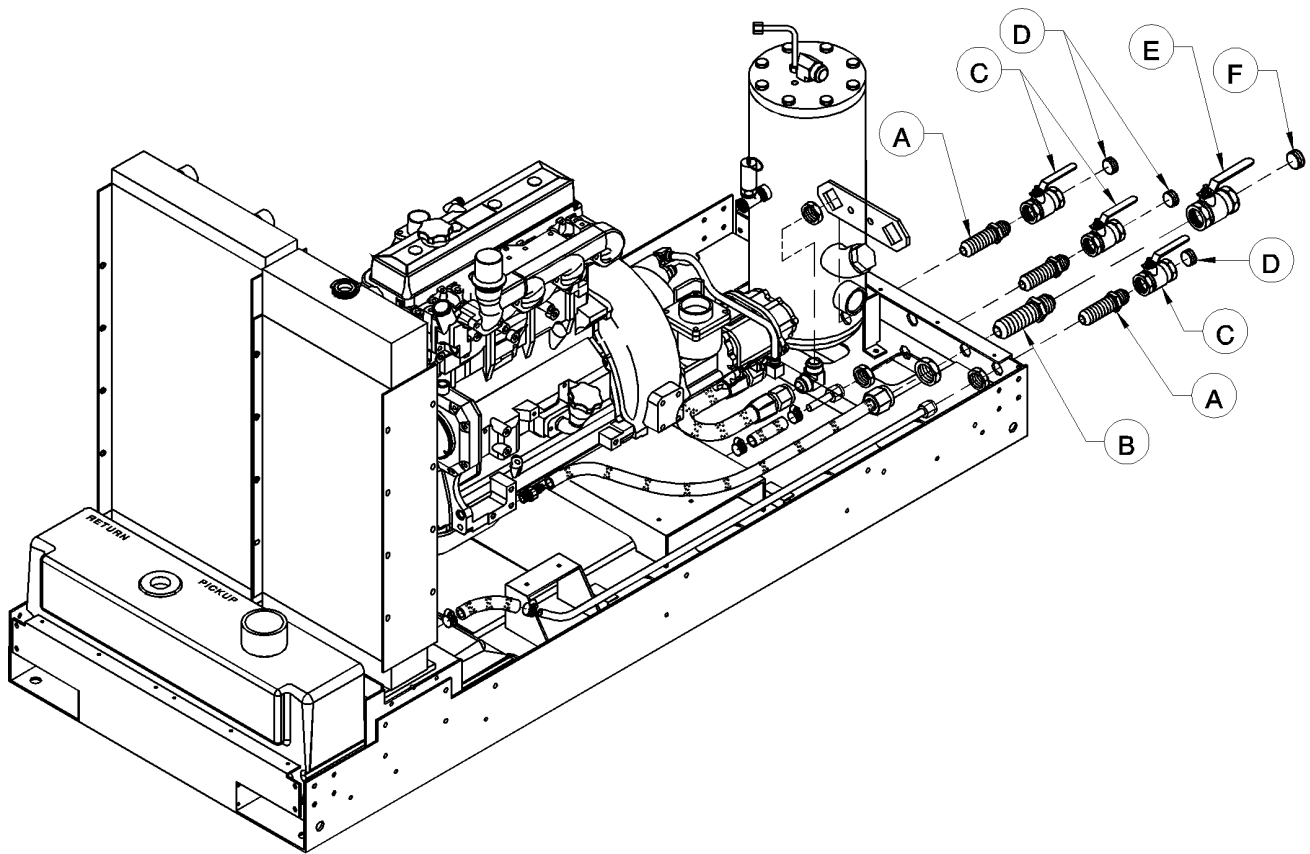
- D. CONNECT BLACK WIRE TO BATTERY NEG.**



HOSE REEL WIRING



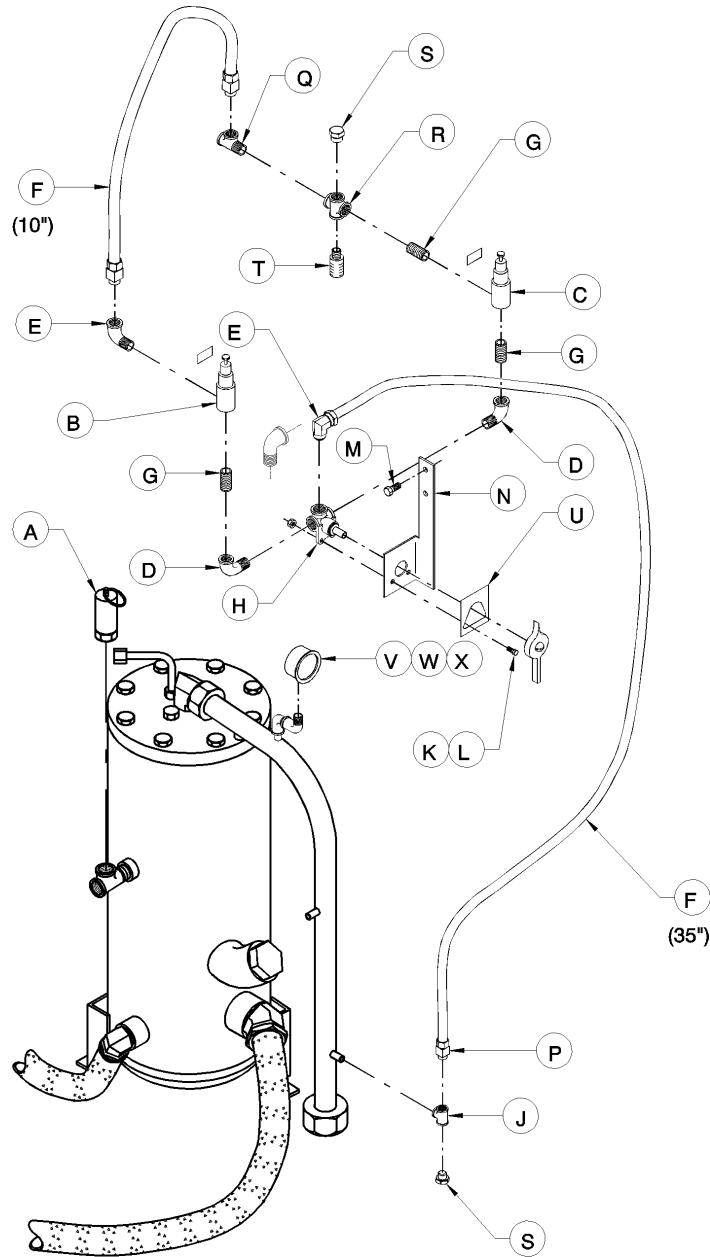
CENTRAL DRAIN VALVES



UTILITY_OPTION_32_08/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35285451	UNION, BULKHEAD	3	
B	36895522	UNION, BULKHEAD	1	
C	36895530	VALVE, BALL	3	
D	95928255	PLUG, HEX COUNTERSINK	3	
E	36895548	VALVE, BALL	1	
F	95947149	PLUG, HEX COUNTERSINK	1	

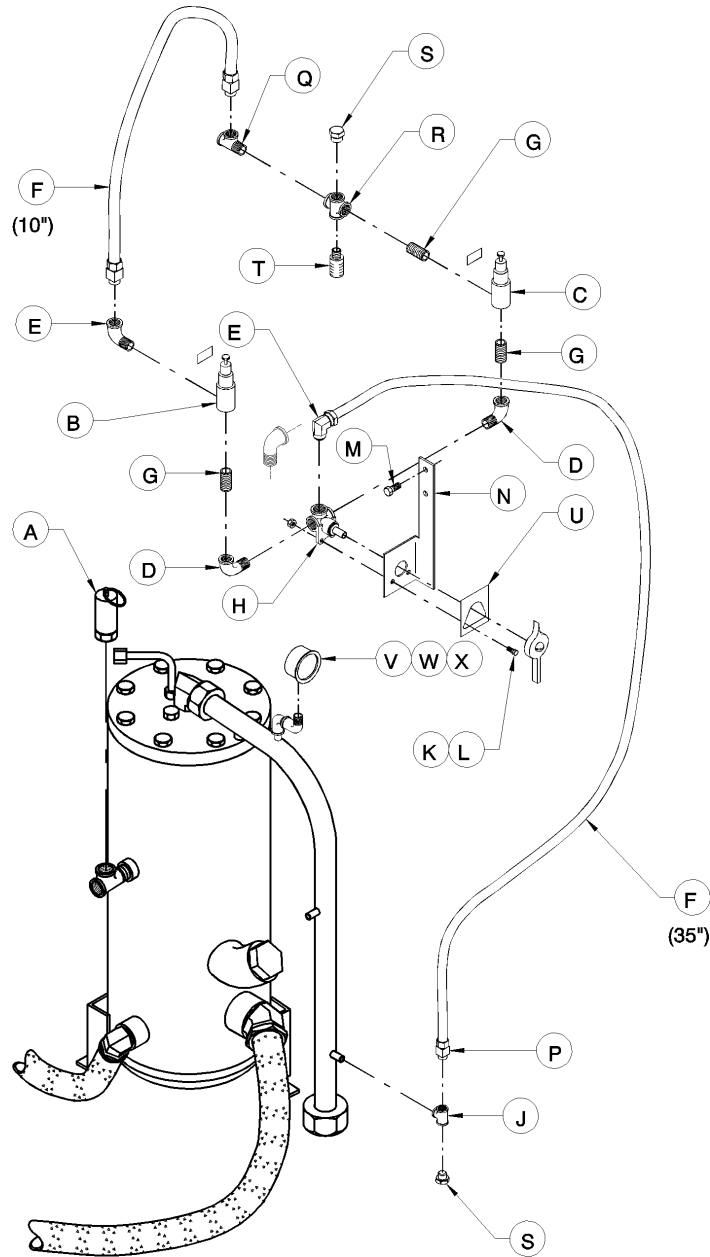
DUAL REGULATION



UTILITY_OPTION_38_08/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36920254	VALVE, SAFETY	1	
B	36854149	VALVE, 100 PSI PRESSURE REGULATOR	1	
C	36854495	VALVE, 150 PSI PRESSURE REGULATOR	1	
D	95944666	ELBOW, 90° STREET 1/4 NPT	2	
E	35369354	ELBOW, MALE 1/4 NPT X 3/8 TUBE	2	
F	35356484	TUBE, 3/8" OD	~	
G	95667341	NIPPLE, CLOSE 1/4 NPT X 7/8"	3	
H	36864684	VALVE, 3-WAY	1	
J	35321272	TEE, 1/4 NPT	1	
K	36769024	SCREW, HEX M06-1.0 X 20	2	
L	96703806	NUT, HEX M06-1.0	2	

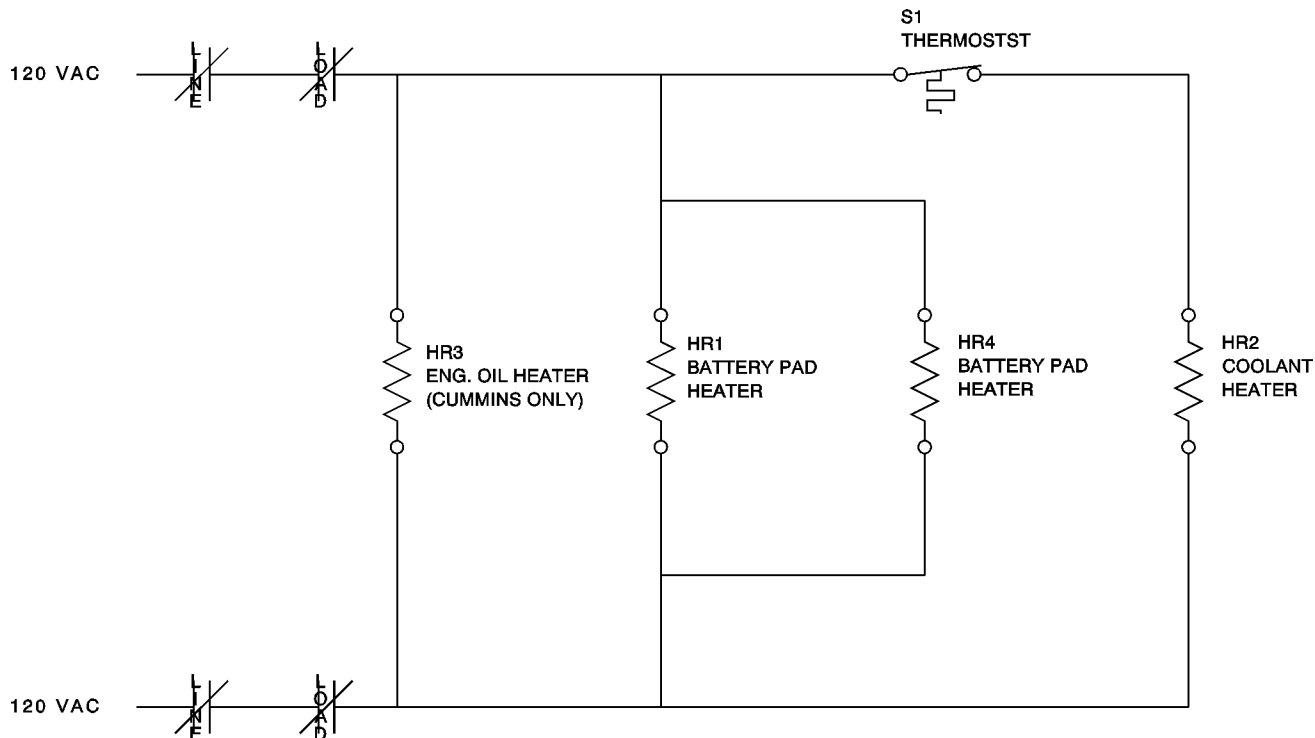
DUAL REGULATION cont'd



UTILITY_OPTION_38_08/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M	35279025	SCREW, TAPPING M08-1.25 X 20	2	
N	36895357	BRACKET, DUAL REGULATOR	1	
P	35369347	CONNECTOR, MALE 1/4 NPT X 3/8 TUBE	1	
Q	35369503	TEE, MALE RUN 1/4 NPT X 3/8 TUBE	1	
R	95954293	CROSS, 1/4 NPT	1	
S	95928230	PLUG, HEX CTSK 1/4 NPT	2	
T	36766756	ORIFICE, MUFFLER .140	1	
U	36530756	DECAL, DUAL REGULATION	1	
V	36879906	GUAGE, 250 lb. PRESSURE	1	
W	35392323	LAMP, BULB 12 V	1	
X	35392331	LAMP, SOCKET	1	

110 VAC HEATER WIRING



NOTE: REFER TO MODEL FOR LIST OF OPTIONAL HEATERS AVAILABLE

	P100-P160	P100-P160	J DEERE P175-XP185	CUMMINS P250-P375 E25-E50	KUBOTA L5; L6-L8	CUMMINS VHP400-P600
HR1	~	~	36920387	36920387	36920387	36920379
HR2	36843563	35379221	36874659	36898971	36898252	36898971
HR3	~	~	~	~	~	~
HR4	~	~	~	~	~	36920387
S1	~	~	36858751	36858751	~	36858751
W1	~	~	36920361	36920361	36898245	36920361
	CUMMINS HP600-XP825	J DEERE HP600-XP825	CAT XHP600-XHP900	CUMMINS VHP825-XP1050	CAT VHP750-XP1000	CUMMINS HP100-P1600
HR1	36920411	36920411	36920338	36920411	36920411	36920338
HR2	36874642	36874659	36871325	36852614	36871283	36882520
HR3	36874675	~	~	36869691	~	36882512
HR4	36920429	36920429	36920346	36920429	36920429	36920346
S1	36858751	36858751	36858751	36858751	36858751	36858751
W1	36920437	36920403	36871317	36852598	36871275	36920320

MISCELANEOUS OPTIONS

COMM. NO.	DESCRIPTION		
	SPARK ARRESTOR OPTION		
35610500	SPARK ARRESTOR		
36897296	ELBOW, EXHAUST		
	MECHANICAL AIR FILTER INCICATOR		
35314939	SWITCH, AIR RESTRICTION INDICATOR		
95916243	COUPLING, 1/8 NPT X 13/16		
95953493	NIPPLE, CLOSE 1/8 NPT X 3/4"		
	BLOCK HEATER		
36843563	ENGINE BLOCK HEATER (P130 - P175)		
35379221	ENGINE BLOCK HEATER (P185)		
	KEYED START SWITCH		
22127377	SWITCH ,KEY START		
22133995	KEY, START SWITCH		
	GAUGE & CONTROLS ILLUMINATION		
22074843	HARNESS, PANEL LIGHT		
36852622	LAMP, MINATURE ASSY		
35333236	BULB, INCAND 12V		
	KEY LOCK		
36794345	CYLINDER, KEY - LOCKING		
35612746	KEY, REPLACEMEN		
	HOSE REEL OILERS		
35255025	LUBRICATOR, 1QT 1-1/4NPT		
35356252	LUBRICATOR, 2QT 1-1/4NPT		
	FUEL/WATER FILTER		
36893139	SEPARATOR, FUEL/WATER		
	BATTERY		
36844975	BATTERY, 1000 CCA		
	FUEL TANK STRAINER		
36891976	STRAINER, FUEL TANK		
	ELECTRIC, FUEL PUMP		
36892644	PUMP, ELECTRIC FUEL		
36797652	SCREW, TAPPING M06-1.0 X 12		
36840627	ADAPTER, BARBED 1/8 NPT		
35296342	CLAMP		
36845493	FILTER, FUEL		

MISCELANEOUS OPTIONS cont'd

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	35321637	AIR INTAKE SAFETY ELEMENT		
	35291475	ELEMENT, SAFETY NUT, AIR CLEANER		
	36896157	VANDAL RESISTANT OPTION		
	35279025	GUARD, VANDAL SCREW, TAPPING M08-1.25 X 20		

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