



**PARTS
MANUAL**

COMPRESSOR MODEL

P250WJD

Code: C

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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

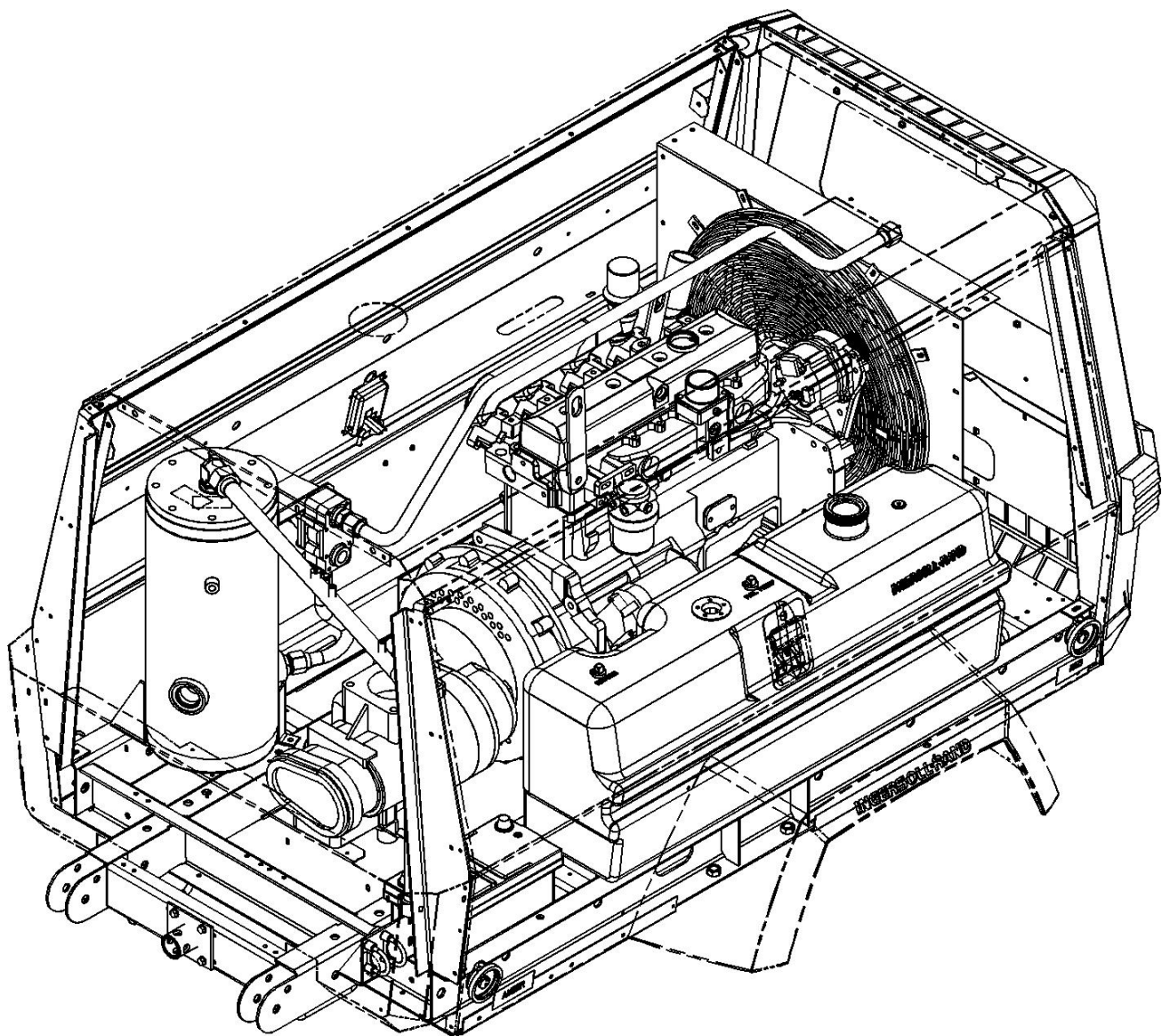
Always specify the model and serial number of the unit.

Specify the part number and description.

Section B - COMPRESSOR PARTS

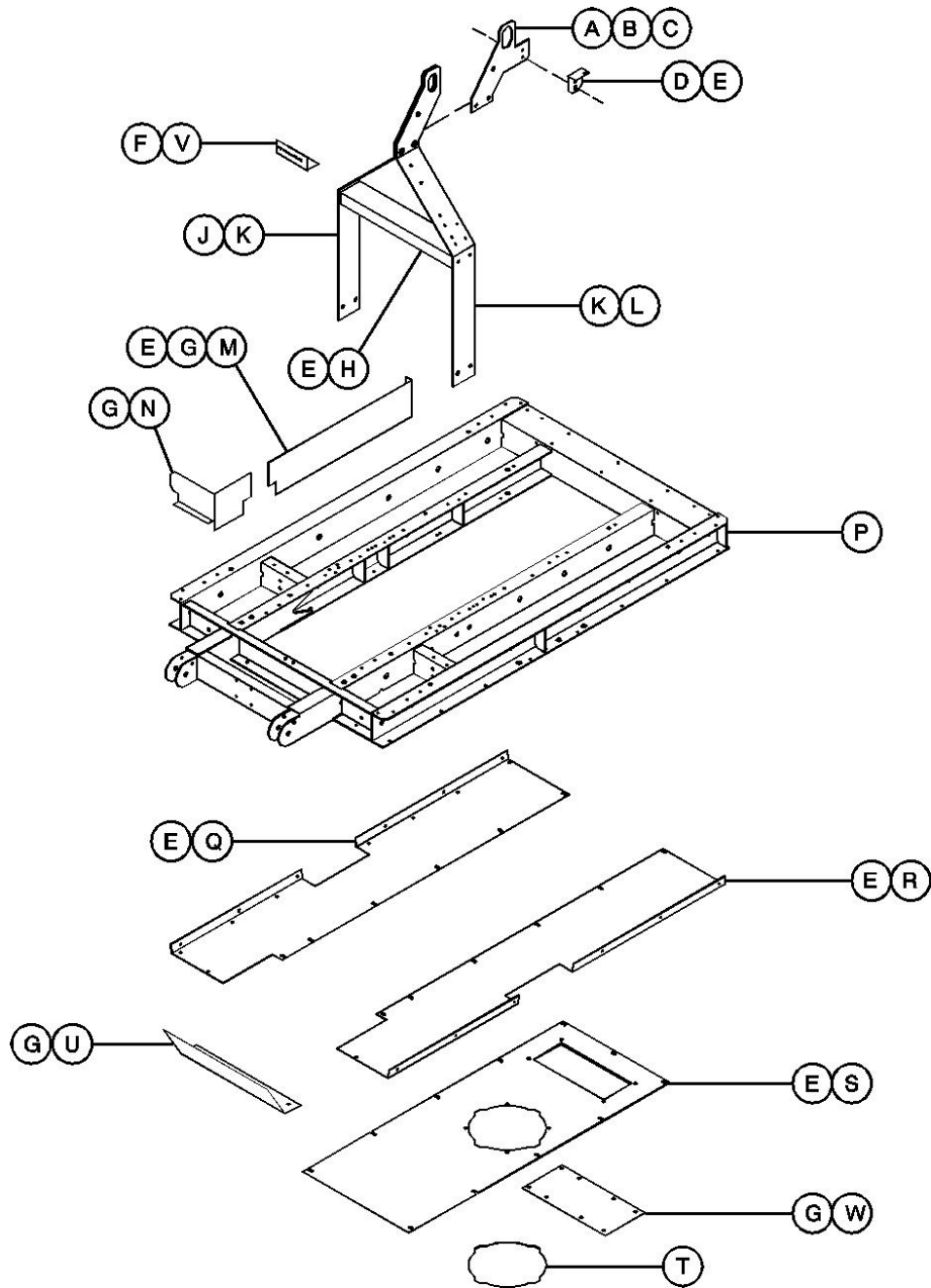


GENERAL ARRANGEMENT



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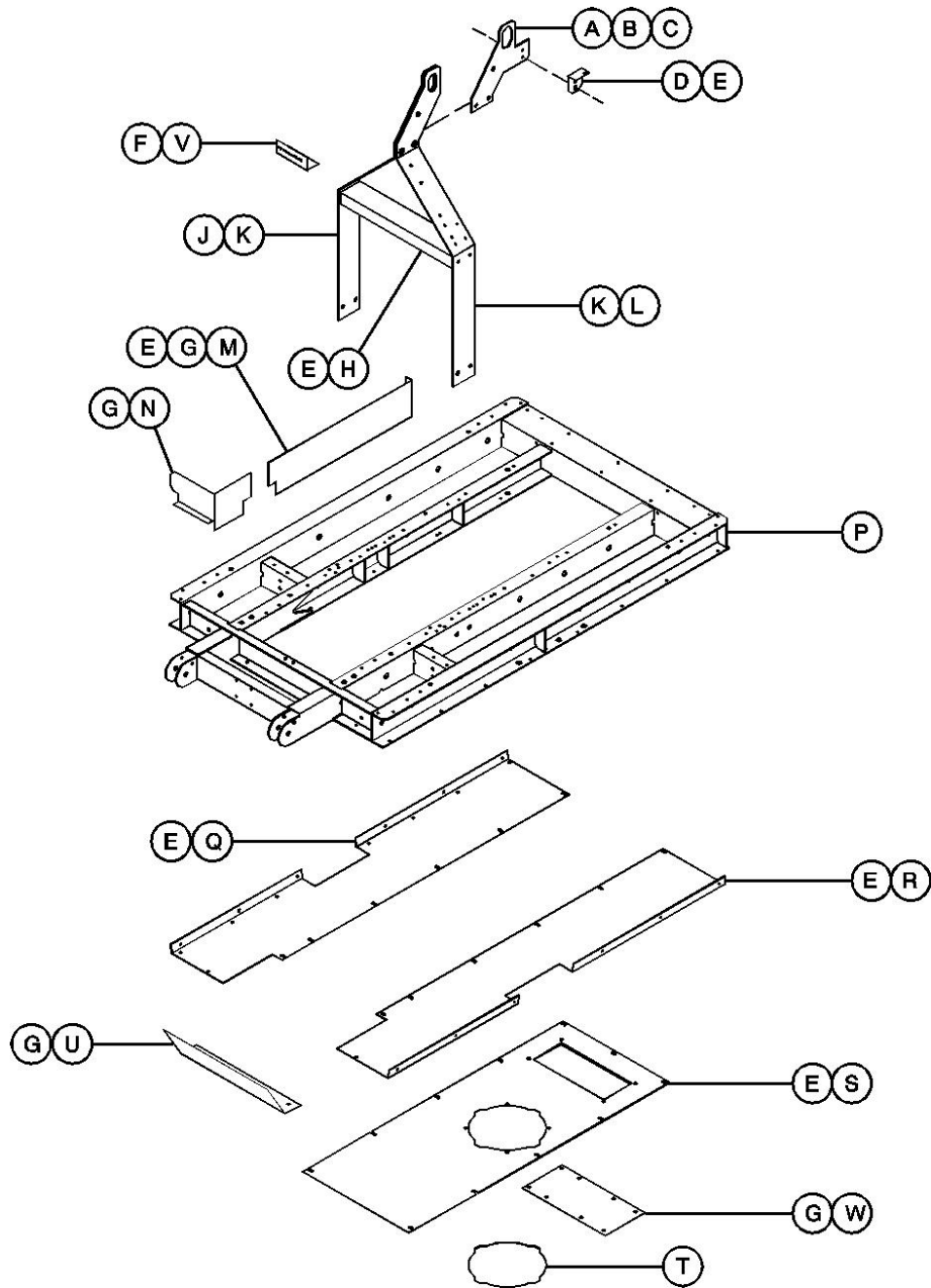
FRAME and LIFTING BAIL



22478382_02_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36882165	Plate, Bail Eye	1	
B	36877793	Screw, Hex Flange Hd. M12-1.75 X 40	3	
C	36879203	Nut, Hex Flange M12-1.75	3	
D	36883510	Angle, Roof Tie	1	
E	35279025	Screw, Tapping M08-1.25 X 20	43	
F	22065684	Bracket, Relay	1	
G	36787652	Screw, Tapping M06-1.0 X 12	16	
H	36880904	Crossmember, Lift Bail	1	
				<i>Continued</i>

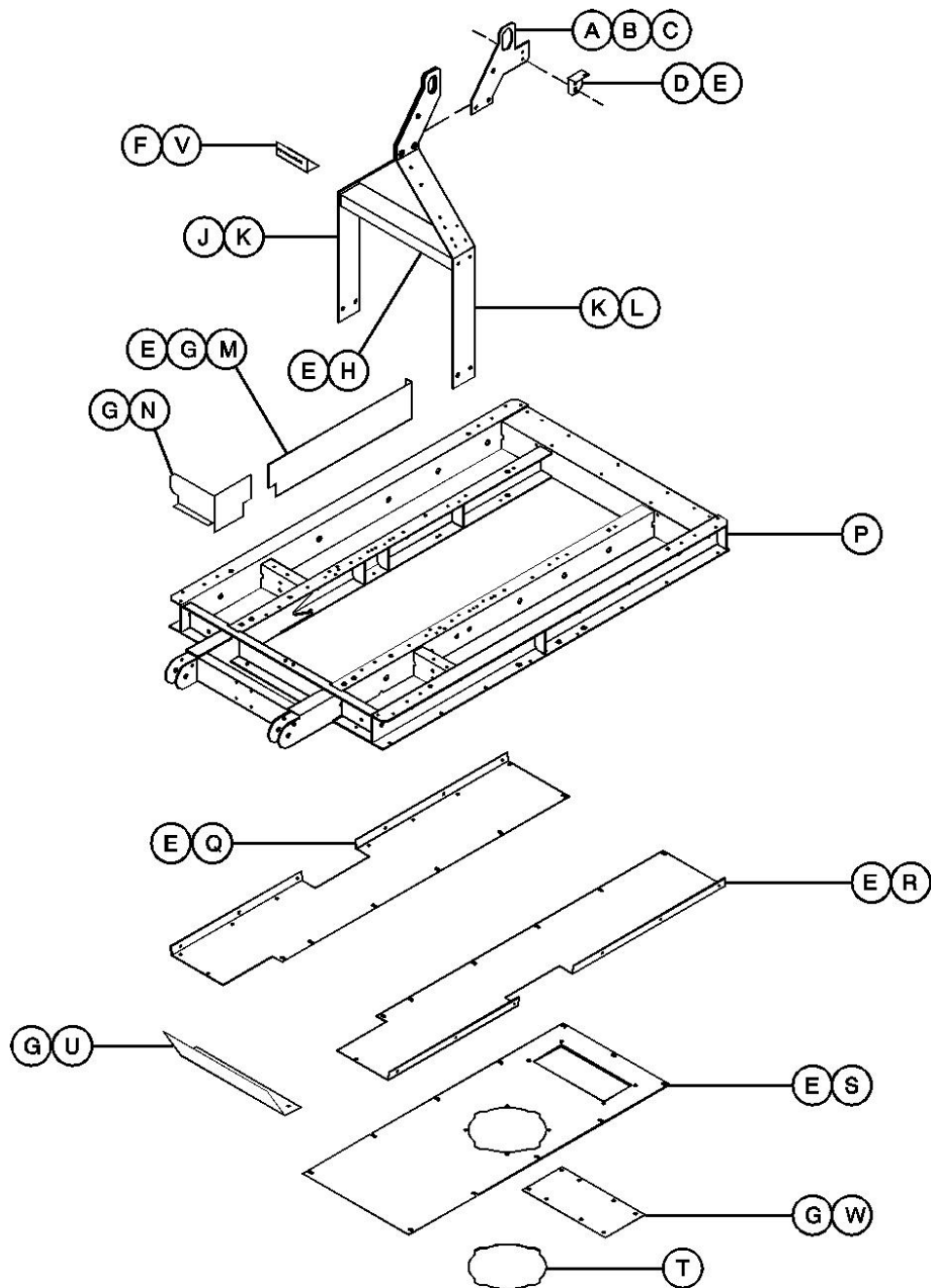
FRAME and LIFTING BAIL *continued*



22478382_02_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
J	36880888	Bail, Curbside Lift	1	Standard Galvanneal <i>Continued</i>
K	36789492	Screw, Hex Flange Hd. M12-1.75 X 25	4	
L	36880896	Bail, Streetside Lift	1	
M	54441373	Guard, Toolbox	1	
N	36884716	Guard, Battery	1	
P	22204614	Frame	1	
Q	36882678	Pan, Curbside Belly	1	
	54529284	Pan, Curbside Belly	1	

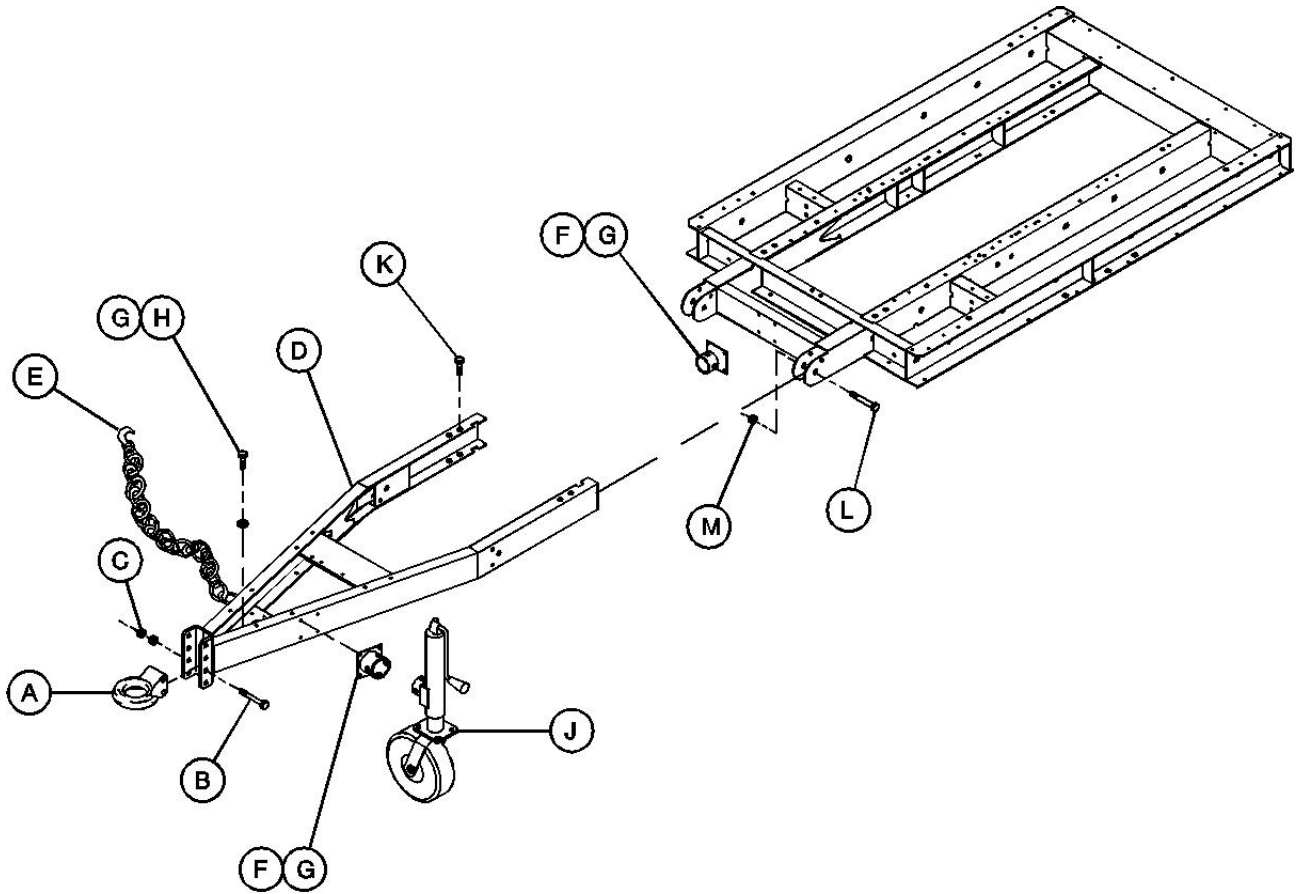
FRAME and LIFTING BAIL *continued*



22478382_02_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
R	36882686	Pan, Streetside Belly	1	Standard
	54529292	Pan, Streetside Belly	1	Galvanneal
S	54390802	Pan, Center Belly	1	
T	36880623	Cover, Flexible Access	1	
U	36881423	Baffle	1	
V	35300771	Screw, Tapping M08-1.25 X 20	2	
W	36797174	Cover, Engine Oil Drain	1	

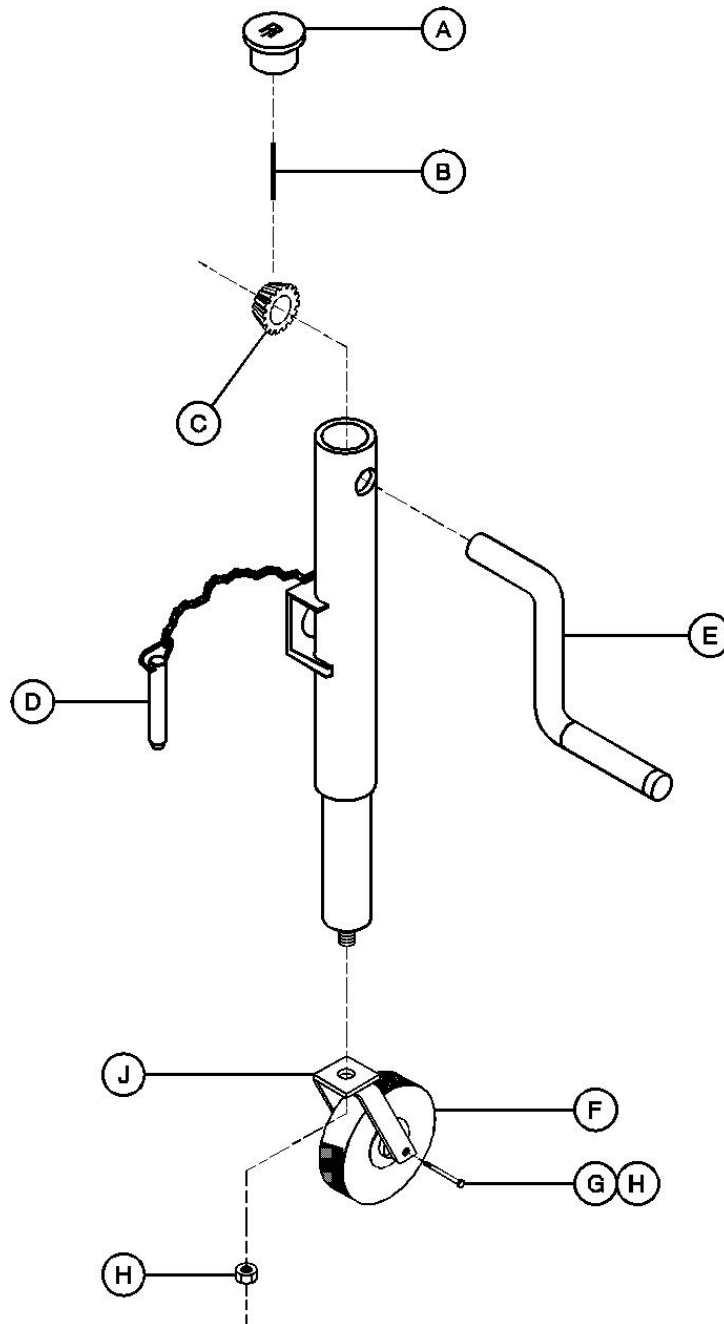
DRAWBAR



22478382_03_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35605187	Eye, PintleL	1	
B	35376094	Screw, Hex M16-2.0 X 120	2	
C	96701750	Nut, Hex M16-2.0	4	
D	36886364	Drawbar	1	
E	22144521	Chain & Hook Assembly	2	
F	36796068	Tube, Jack Mounting	2	
G	35279025	Screw, Tapping M08-1.25 X 20	10	
H	95934907	Washer, Flat	2	
J	36888709	Jack Assembly	1	
K	36879492	Screw, Hex Flange Hd. M12-1.75 X 25	4	
L	35290113	Screw, Hex M16-2.0 X 75	2	
M	96704630	Nut, Hex Nyloc M16-2.0	2	

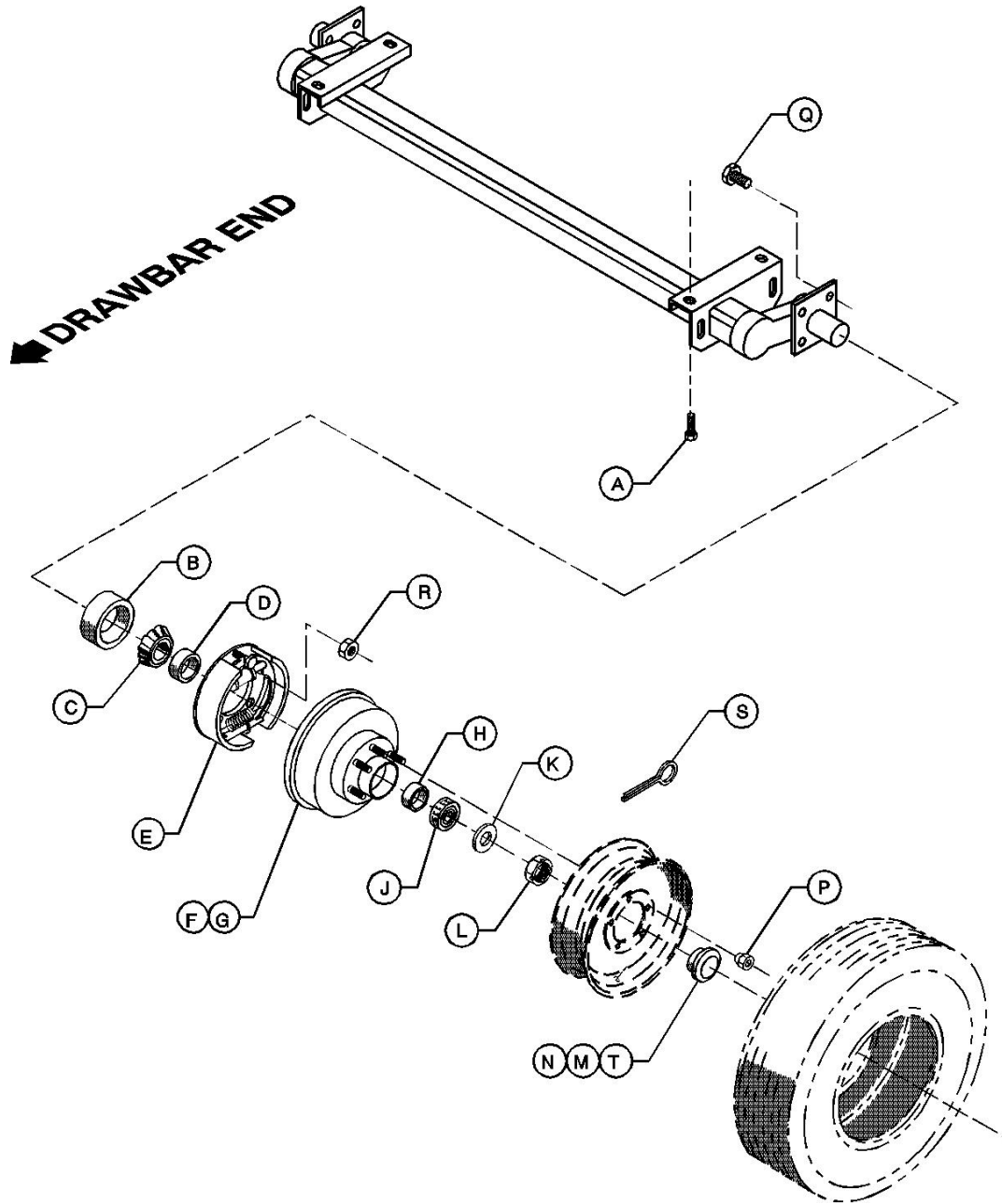
JACK ASSEMBLY



22478382_04_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35392521	Cap	1	
B	35392539	Pin, Roll	1	
C	35392547	Gear, Drive	1	
D	35392554	Plunger Pin Kit	1	
E	35392562	Handle Assembly	1	
F	35392588	Caster Wheel	1	
G	35392596	Bolt, Caster Wheel 1/2-13 X 3.18"	1	
H	95923348	Nut, Hex Nyloc 1/2-13	2	
J	35392570	Yoke, Caster Wheel	1	

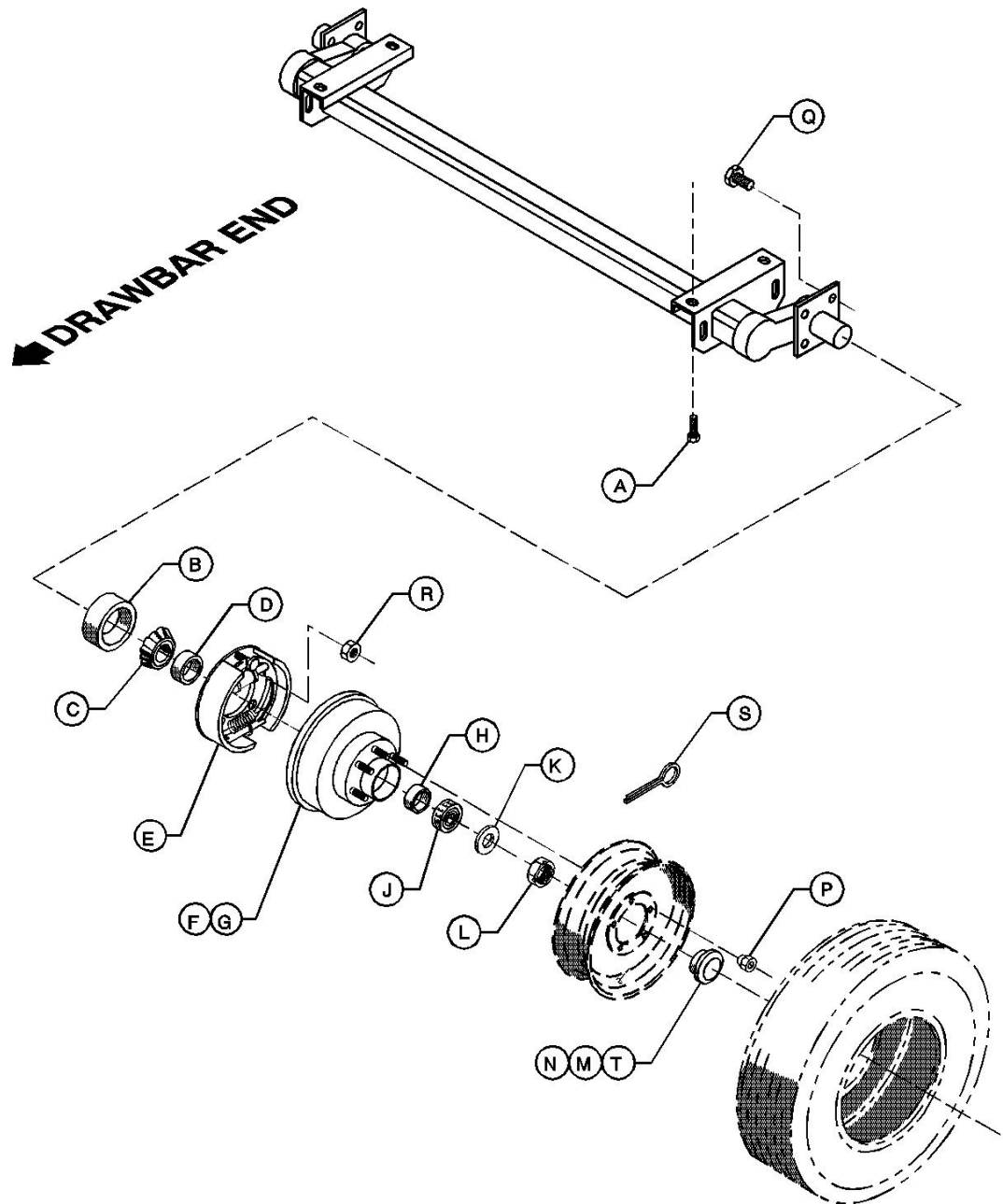
RUNNING GEAR ASSEMBLY 54675749 Prior to S/N 350545



22478382_05_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	96747142	Screw, Hex Flange Hd. M16-2.0 X 30	4	<i>Continued</i>
B	35316868	Seal, EZ Lube Grease	2	
C	35361876	Cone, Inner Bearing	2	
D	35361884	Cup, Inner Bearing	2	
E	35390814	Brake Assembly, LH Electric	1	
	35390822	Brake Assembly, RH Electric	1	
F	35390459	Hub & Drum with Stud	2	
G	35361898	Stud	12	
H	35318831	Cup, Outter Bearing	2	

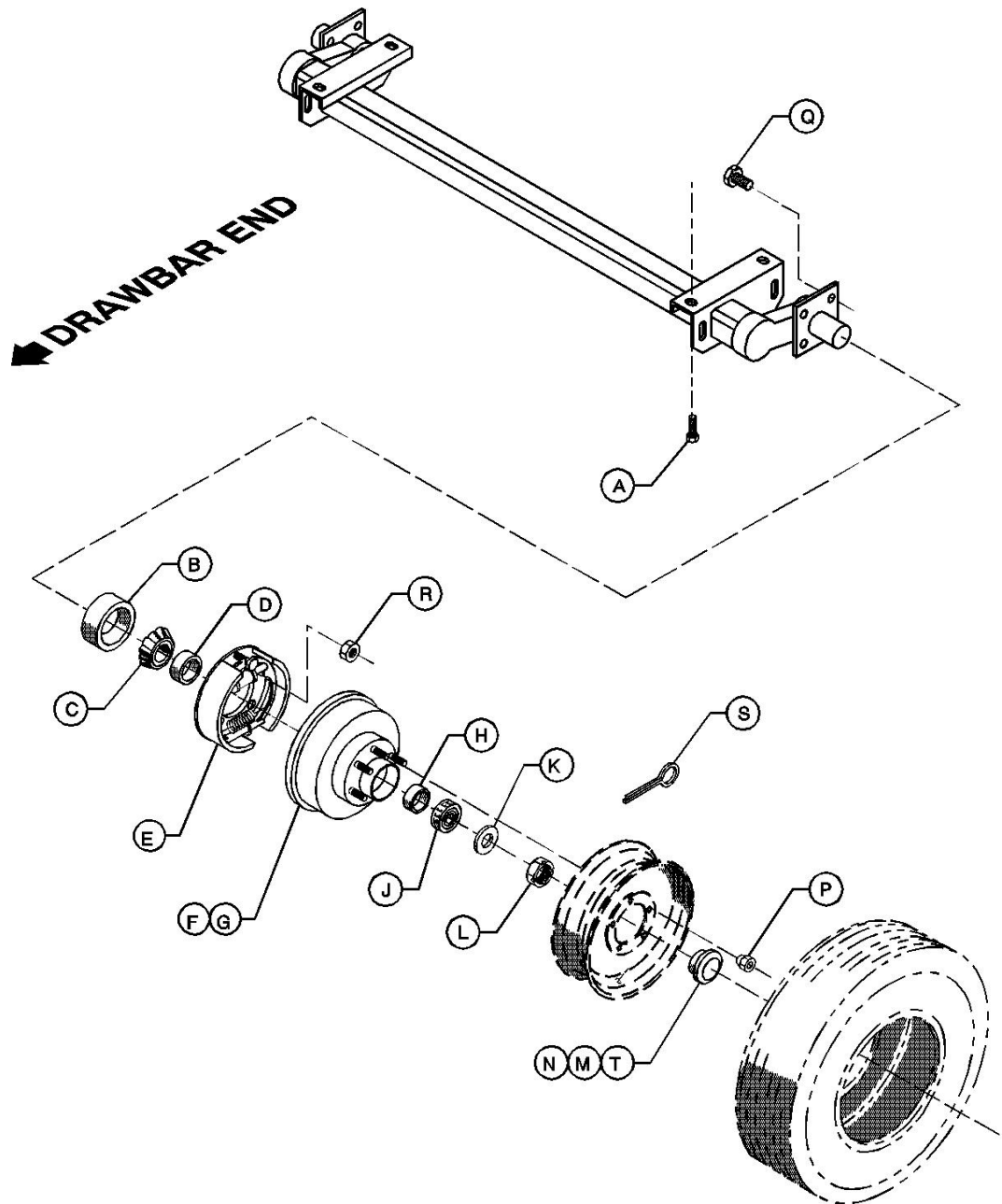
RUNNING GEAR ASSEMBLY 54675749 Prior to S/N 350545 *continued*



22478382_05_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
J	35318849	Cone, Outter Bearing	2	
K	35315209	Washer, Spindle	2	
L	35315217	Nut, Spindle	2	
M	35379395	Cap, EZ Lube Rubber	2	
N	35391135	Plug, EZ Lube Rubber	2	
P	35315274	Nut, Wheel	12	
Q	35391648	Screw, Brake Mount	10	
R	35391630	Nut, Brake Mount Hex	10	
S	35315225	Pin, Cotter	2	
T	35390012	Washer, Tang	2	

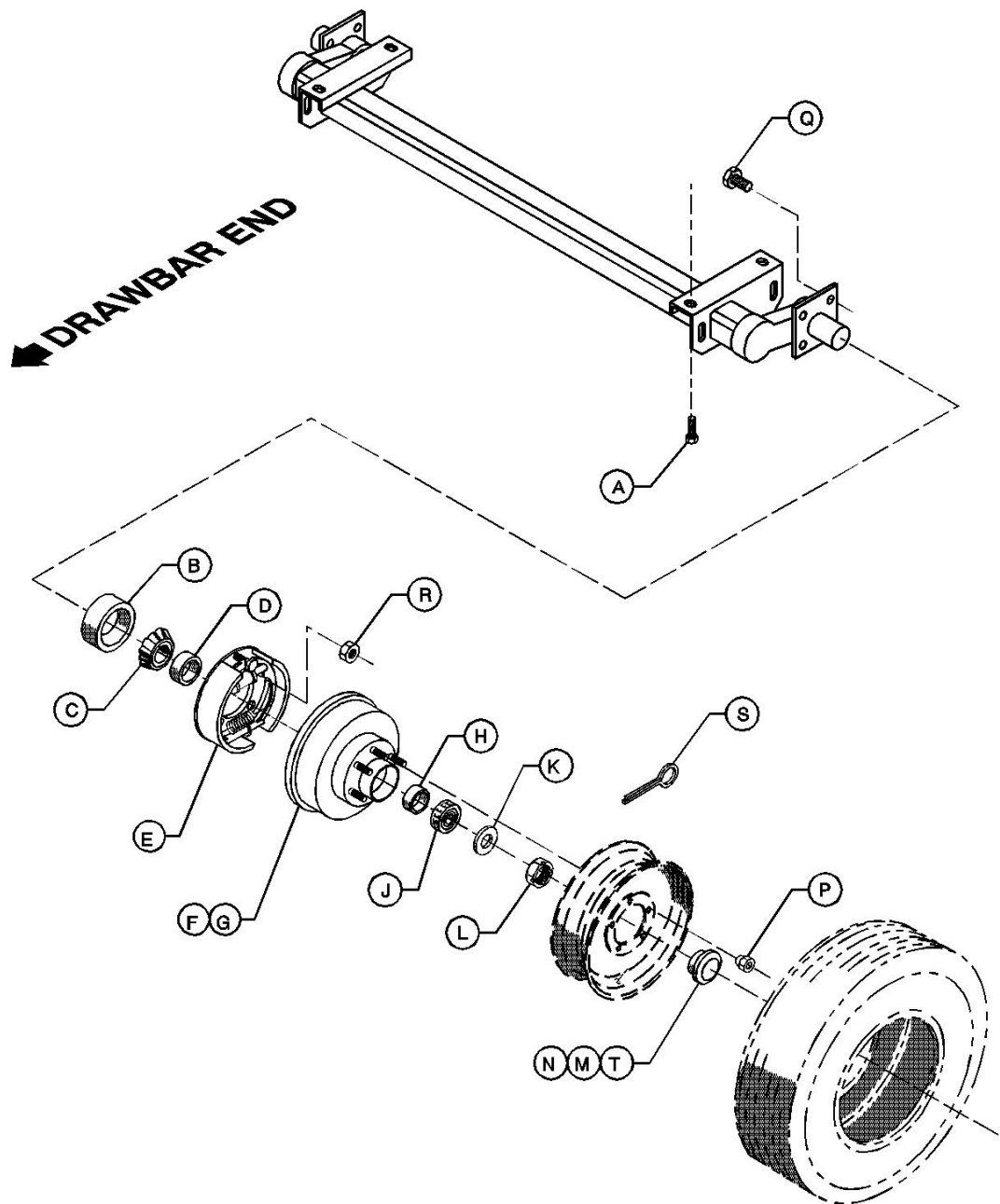
RUNNING GEAR ASSEMBLY 22467708 Begin w/ S/N 350545



22478382_05_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	96747142	Screw, Hex Flange Hd. M16-2.0 X 30	4	<i>Continued</i>
B	35316868	Seal, EZ Lube Grease	2	
C	35361876	Cone, Inner Bearing	2	
D	35361884	Cup, Inner Bearing	2	
E	35390814	Brake Assembly, LH Electric	1	
	35390822	Brake Assembly, RH Electric	1	
F	35390459	Hub & Drum with Stud	2	
G	22464648	Stud	12	
H	35318831	Cup, Outter Bearing	2	

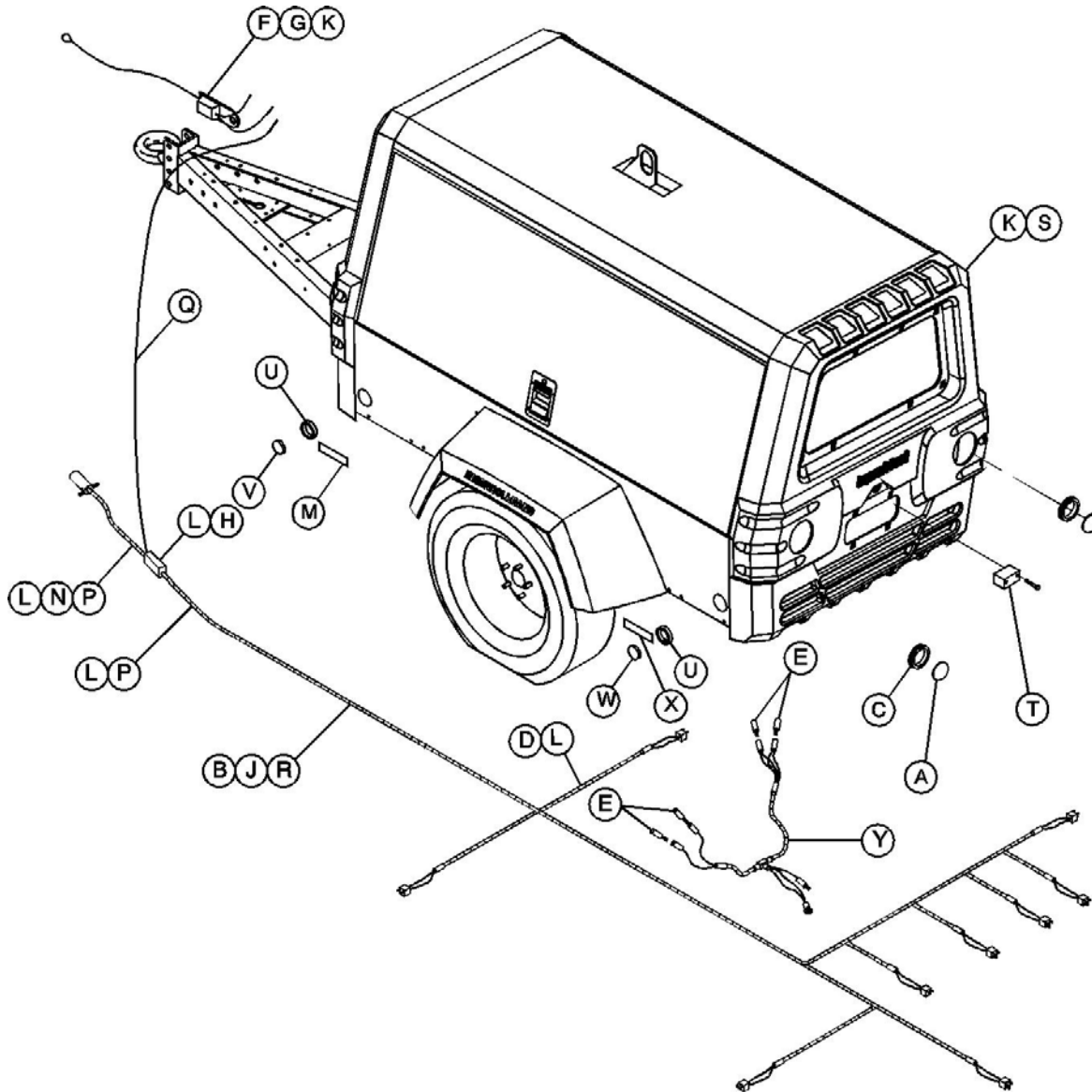
RUNNING GEAR ASSEMBLY 22467708 Begin w/ S/N 350545 *continued*



22478382_05_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
J	35318849	Cone, Outter Bearing	2	
K	35315209	Washer, Spindle	2	
L	35315217	Nut, Spindle	2	
M	35379395	Cap, EZ Lube Rubber	2	
N	35391135	Plug, EZ Lube Rubber	2	
P	35315274	Nut, Wheel	12	
Q	35391648	Screw, Brake Mount	10	
R	35391630	Nut, Brake Mount Hex	10	
S	35315225	Pin, Cotter	2	
T	35390012	Washer, Tang	2	

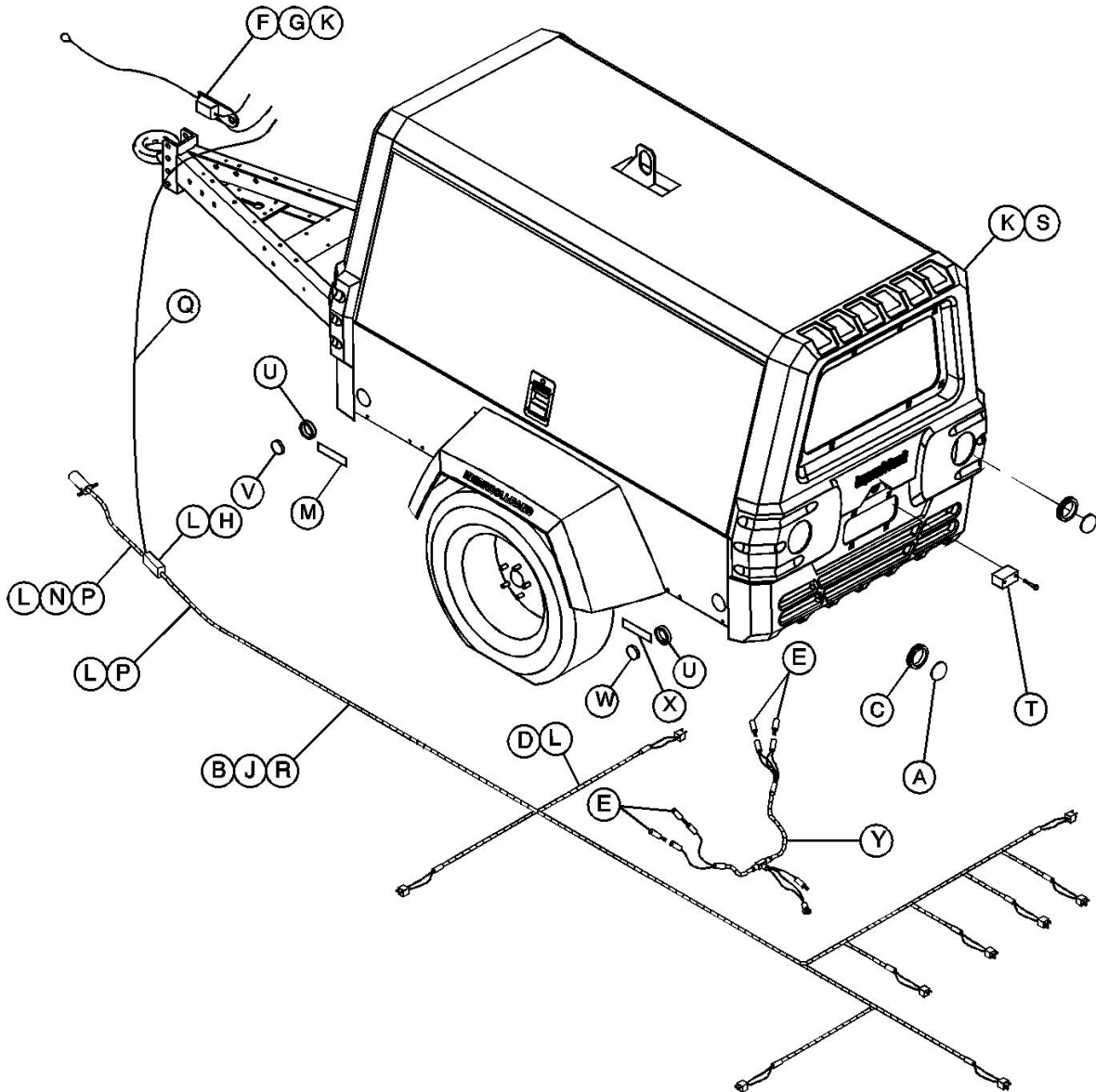
TRAILER LIGHTS WIRING



22478382_07_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36788081	Light, Tail	2	
B	36893345	Harness, Tail Light	1	
C	36787968	Grommet, Tail Light	2	
D	36853174	Clamp, 1/4 Support	1	
E	35375427	Terminal, Snap	9	
F	35315944	Switch, Breakaway	1	
G	37140365	Terminal, Splice	1	
H	35346337	Terminal, Lug	1	
J	35253038	Clamp, 3/8 Support	4	
K	36797652	Screw, Tapping M06-1.0 X 12	8	
L	92368687	Screw, Tapping M06-1.0 X 14	6	
M	36894616	Reflector, Amber	2	
				<i>Continued</i>

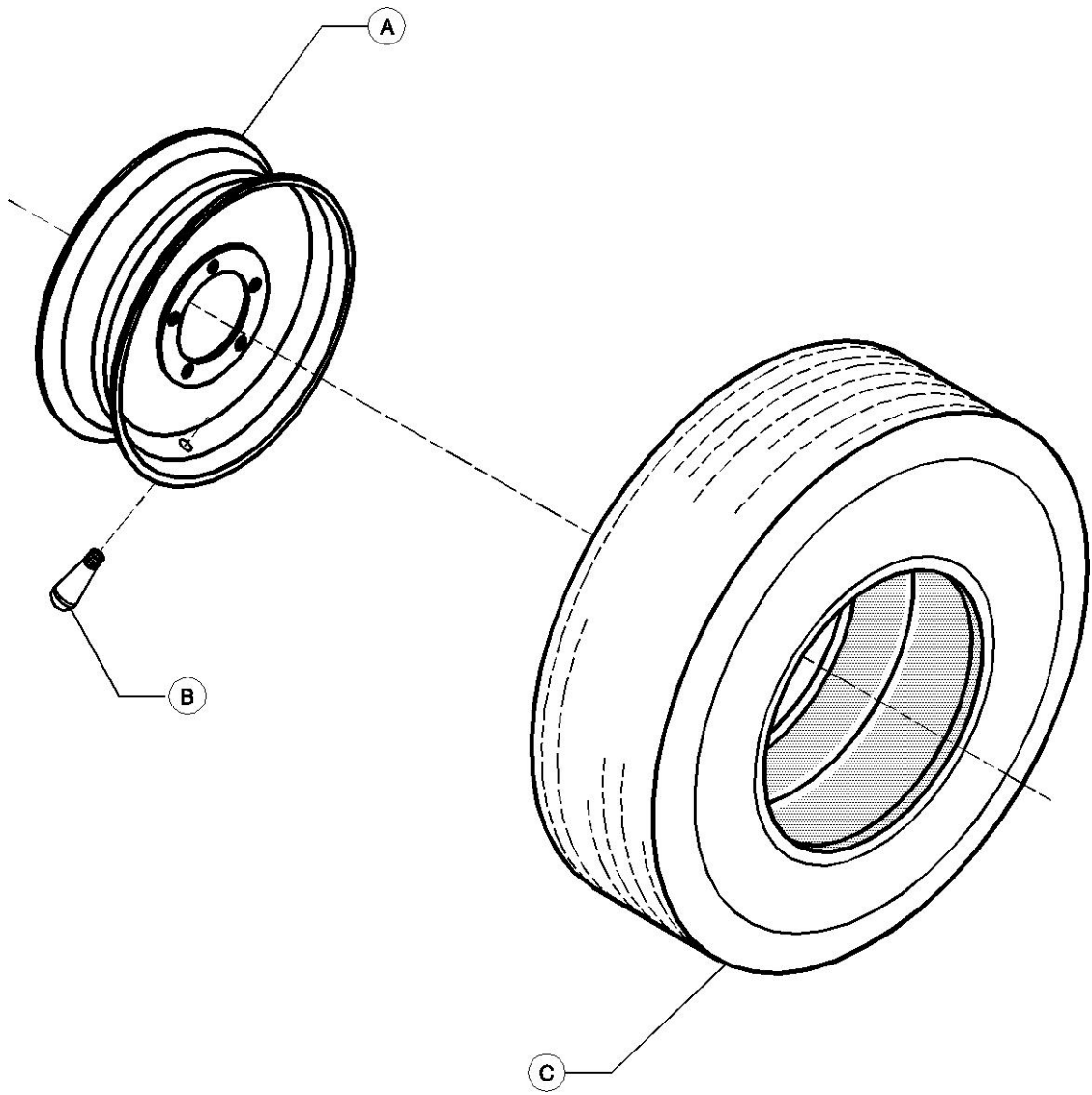
TRAILER LIGHTS WIRING *continued*



22478382_07_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	36789261	Harness, 6 Conductor Cable	1	Standard Length Drawbar
	36787216	Harness, 6 Conductor Cable	1	Extended Length Drawbar
P	35225093	Clamp, 1/2" Support	6	
Q	35120005	Wire, 14 GA Black	40"	
R	35279025	Screw, Tapping M08-1.25 X 20	3	
S	54473525	Cap, Rear End	1	Standard Paint
	54729140	Cap, Rear End	1	Special Paint
T	54726468	Light, License	1	
U	36893634	Grommet, Clearance Light	4	
V	35367051	Light, Yellow Clearance	2	
W	35367044	Light, Red Clearance	2	
X	36894608	Reflector, Red	2	
Y	36895282	Harness, Electric Brake	1	

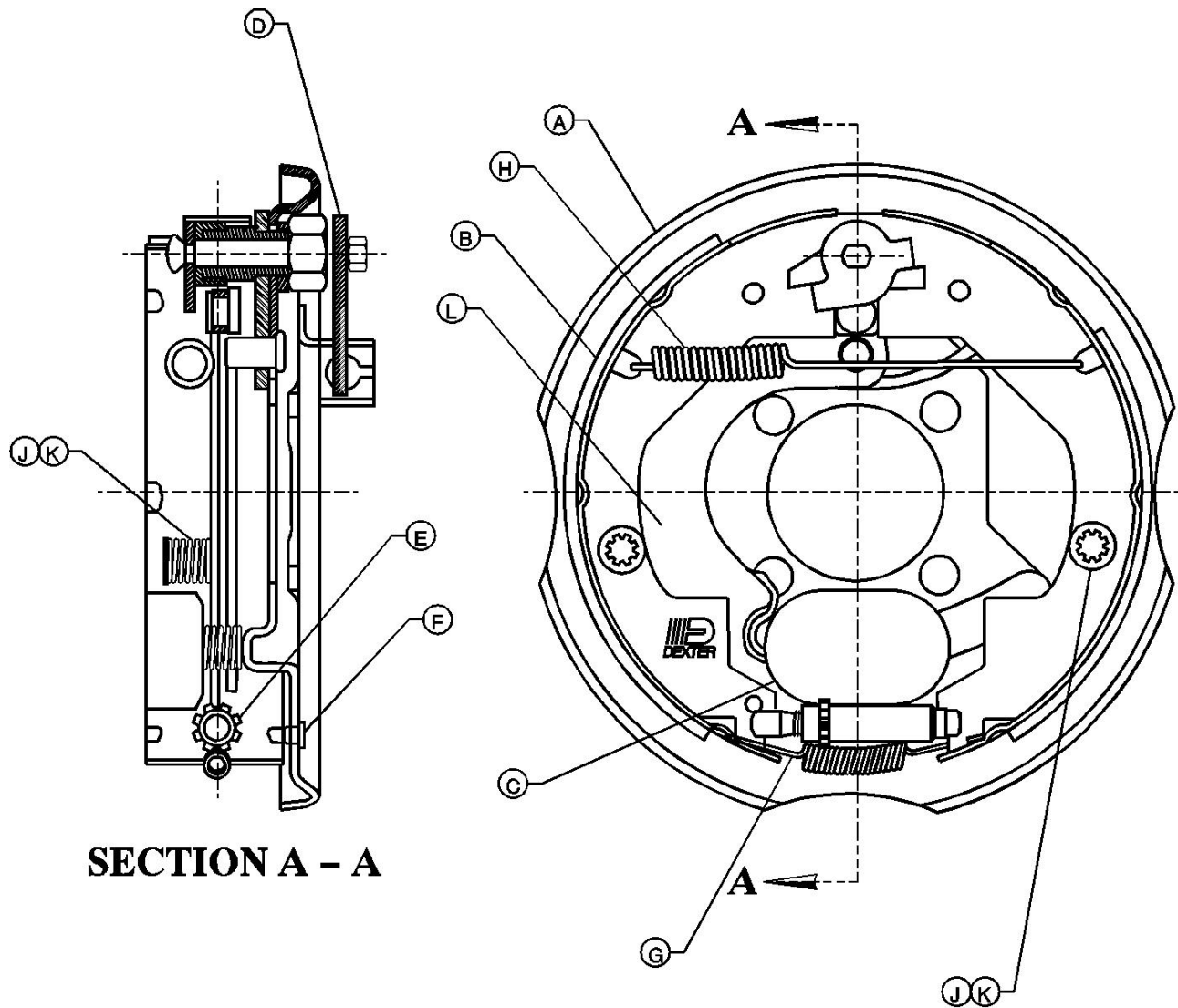
TIRE and WHEEL ASSEMBLY



22478382_06_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35318757	Wheel, 15 X 6	1	
B	35282565	Stem, Valve	1	
C	22246276	Tire, ST205/75D15	1	

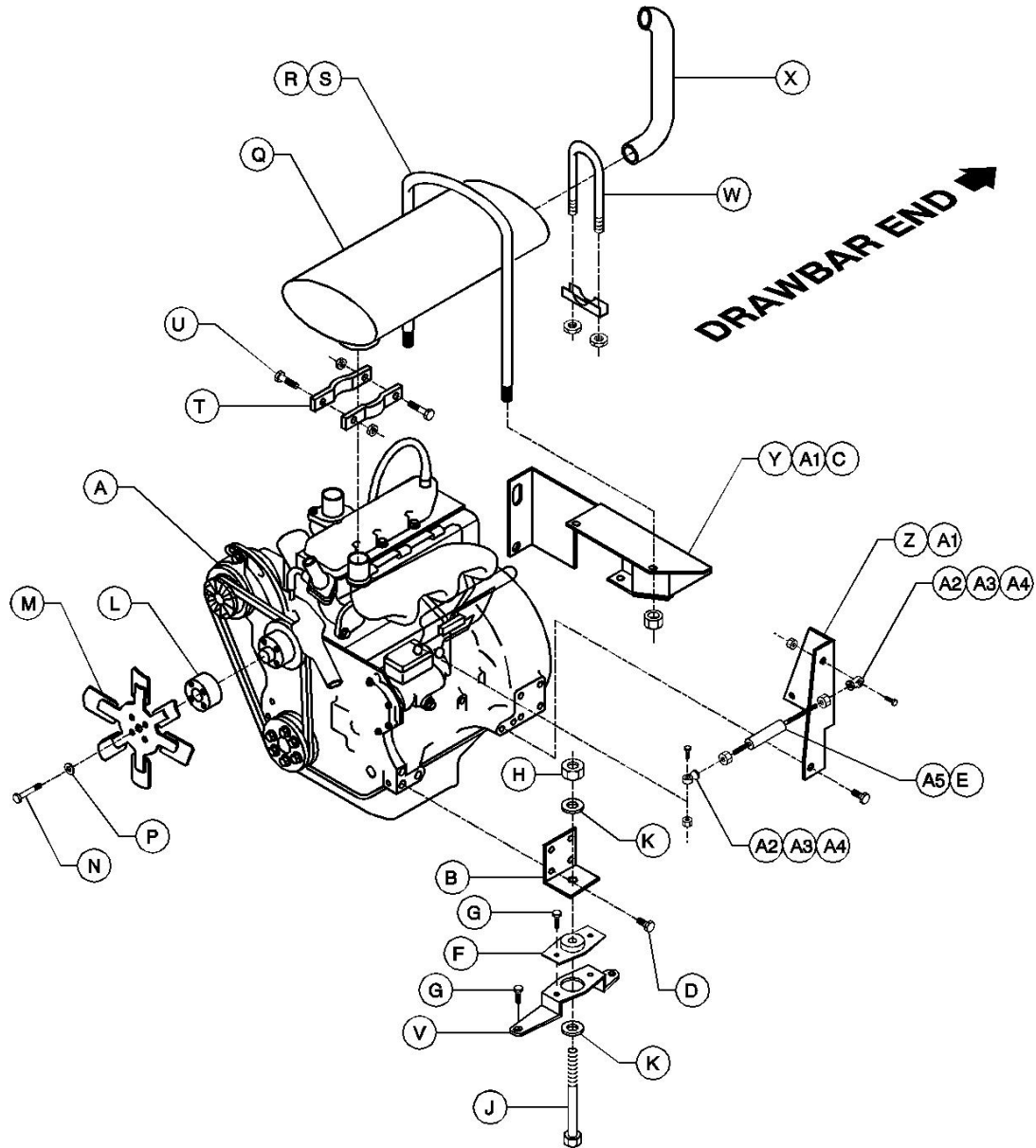
ELECTRIC BRAKE ASSEMBLY



22478382_08_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35391184	Plate Assembly, LH Backing	1	
	35391192	Plate Assembly, RH Backing	1	
B	35391333	Brake Shoe Kit	1	
C	35391309	Magnet Kit	2	
D	35391267	Lever, Parking Brake	2	
E	35391366	Screw Assembly., Adjusting	2	
F	35391416	Plug, Adjusting Screw	2	
G	35391374	Spring, AdjusterR	2	
H	35391358	Spring, Retractor	2	
J	35391382	Spring, Shoe Hold Down	4	
K	35391390	Pin, Shoe Hold Down	4	
L	35391226	Lever Kit, LH Actuating	1	
	35391234	Lever Kit, RH Actuating	1	

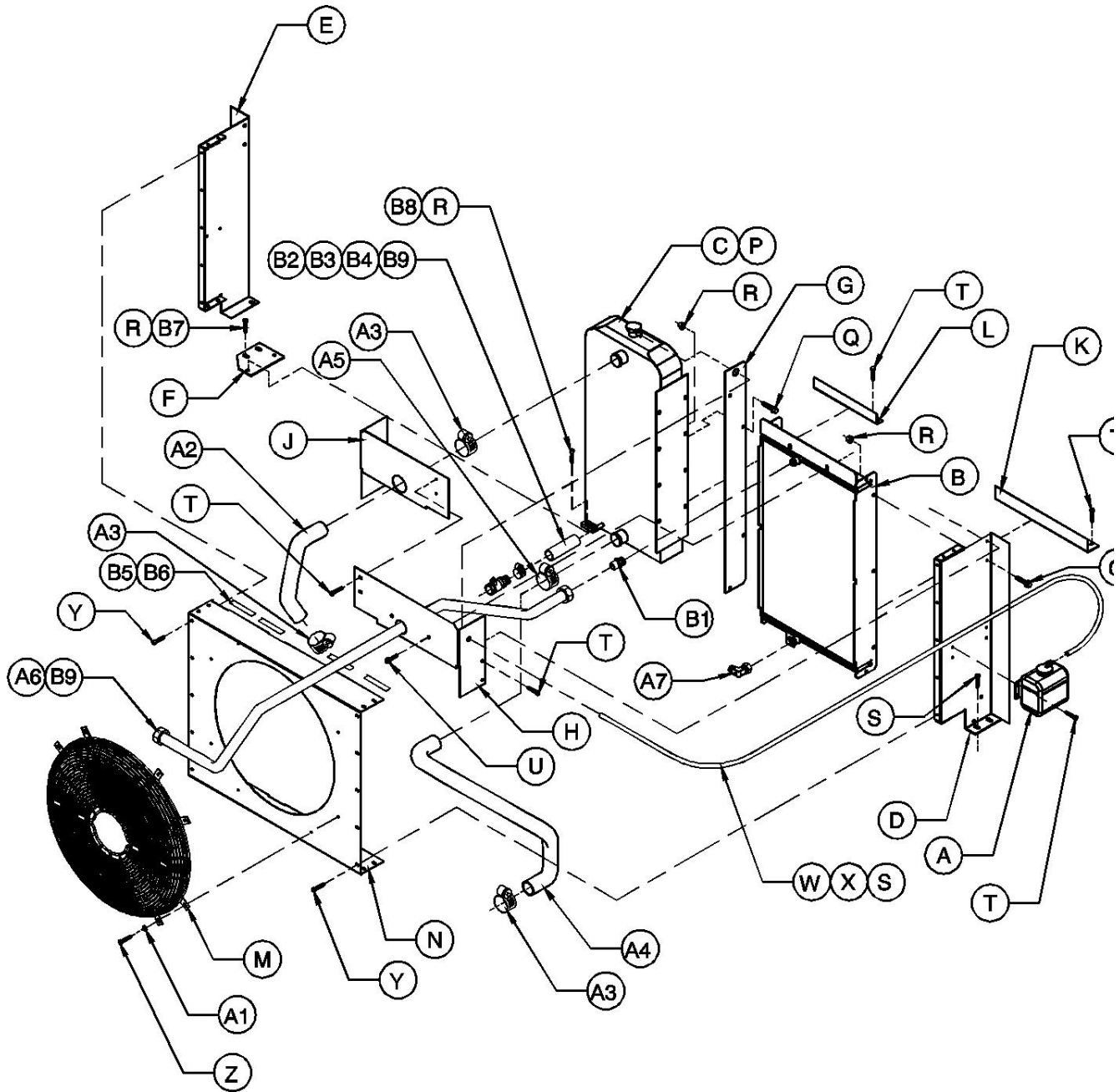
ENGINE and EXHAUST COMPLETE



22478382_09_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54392154	Engine, JD 4045D	1	Prior to S/N 342274
	22382709	Engine, JD 4045D	1	Begin w/ S/N 342274
B	54471651	BracketT, Front JD	2	
C	95935037	Washer, Flat	1	
D	36888055	Screw, Hex Flange Hd. M12-1.75 X 30	6	
E	95923074	Nut, Hex Jam 5/16-24	2	
F	36500197	Mount, Center Bonded	2	
G	35279025	Screw, Tapping M08-1.25 X 20	8	
H	35304047	Nut, Nylon Insert M12X1.75	2	
J	96739958	Screw, Hex M12-1.75 X 70	2	
K	54429295	Washer, Snubbing	4	
L	36892461	Spacer, Fan	1	
M	36878171	Fan	1	
N	96721154	Screw, Hex M08-1.25 X 90	4	
P	95934998	Washer, Flat	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	54471669	Bracket, Isolator	2	
W	35209048	Clamp, Saddle 2-1/2"	1	
X	36775690	Pipe, Exhaust Tail	1	
Y	36880839	Bracket, Muffler	1	
Z	36877223	Support, Air Cylinder	1	
A1	96702279	Screw, Hex M10-1.50 X 20	3	
A2	35328467	Bearing, Rod End	2	
A3	96701461	Screw, Hex M06-1.0 X 25	2	
A4	36769032	Nut, Hex Locking M06-1.0	2	
A5	35592435	Cylinder, Pneumatic	1	
	36881696	Element, Engine Oil Filter	AR	
	36534659	Element, Engine Fuel Filter	AR	

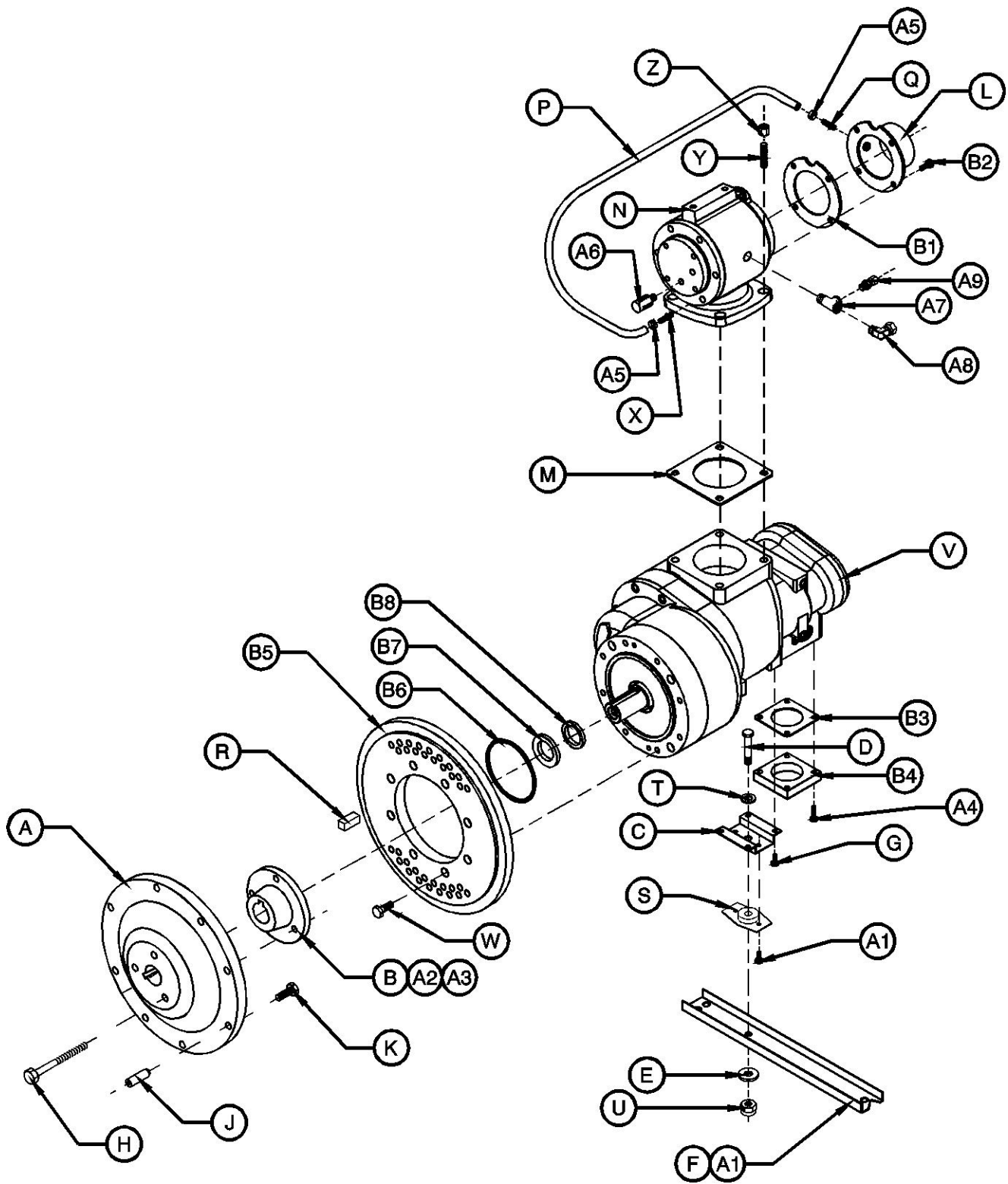
COOLING COMPLETE



22478382_10b_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36884948	Bottle, Coolant Recovery	1	Prior to S/N 323354 Begin w/ S/N 323354
B	36887669	Cooler, Oil	1	
C	36889772	Radiator	1	
D	36923001	Baffle, Streetside Cooler	1	
	54731690	Baffle, Streetside Cooler		
E	36923019	Baffle, Curbside Cooler	1	
	54731682	Baffle, Curbside Cooler		
F	54368360	Bracket, Radiator Mounting	1	
G	54370986	Bracket, Cooler	1	
H	54371463	Baffle, Cooler Top Streetside	1	
J	54371471	Baffle, Cooler Top Curbside	1	Prior to S/N 332674 Begin w/ S/N 332674
K	54372842	Baffle, Oil Cooler Bottom	1	
L	54372859	Baffle, Radiator Bottom	1	
M	36878262	Guard, Fan	1	
	54716360	Guard, Fan	1	
N	36923027	Shroud, Fan	1	
P	36769560	Cap, Radiator	1	
Q	96702055	Screw, Hex Flange Hd. M08-1.25 X 20	10	
R	36881886	Nut, Hex Flange M08-1.25	10	
S	35279025	Screw, Tapping M08-1.25 X 20	7	58"
T	36797652	Screw, Tapping M06-1.0 X 12	10	
U	36898096	Screw, Hex Flange Hd. M06-1.0 X 20	2	
V	36898104	Nut, Hex Flange M06-1.0	2	
W	35360775	Tubing, 5/16" ID	58"	
X	35222538	Clamp, Rubber Support 9/16"	3	
Y	92368687	Screw, Tapping M06-1.0 X 14	10	
Z	35300771	Screw, Tapping M08-1.25 X 20	8	
A1	36853265	Washer, Plastic	8	
A2	54404249	Hose, Radiator Top	1	17"
A3	35221639	Clamp, Hose	3	
A4	36891158	Hose, Radiator Bottom	1	
A5	35221662	Clamp, Hose	1	
A6	36923555	Tube, Oil	1	
A7	35292051	Elbow, 90° Swivel Nut	1	
A8	35132877	Hose	1	
A9	35119395	Clamp, Rubber Support 1-5/16"	1	
B1	95955993	Connector, 1-5/16-12	1	
B2	36892479	Hose	17"	Prior to S/N 319956 Begin w/ S/N 319956
B3	30641278	Drain Cock, 1/4 NPT	1	
B4	95220844	Clamp, Hose	2	
B5	54492129	Stripe, Seal	2	
B6	36879765	Stripe, Seal	6	
B7	35374834	Screw, Hex M08-1.25 X 25	1	
	96702659	Screw, Hex M08-1.25 X 25	1	
B8	35271170	Screw, Hex M08-1.25 X 40	1	
B9	35225085	Clamp, Rubber Support 15/16"	2	

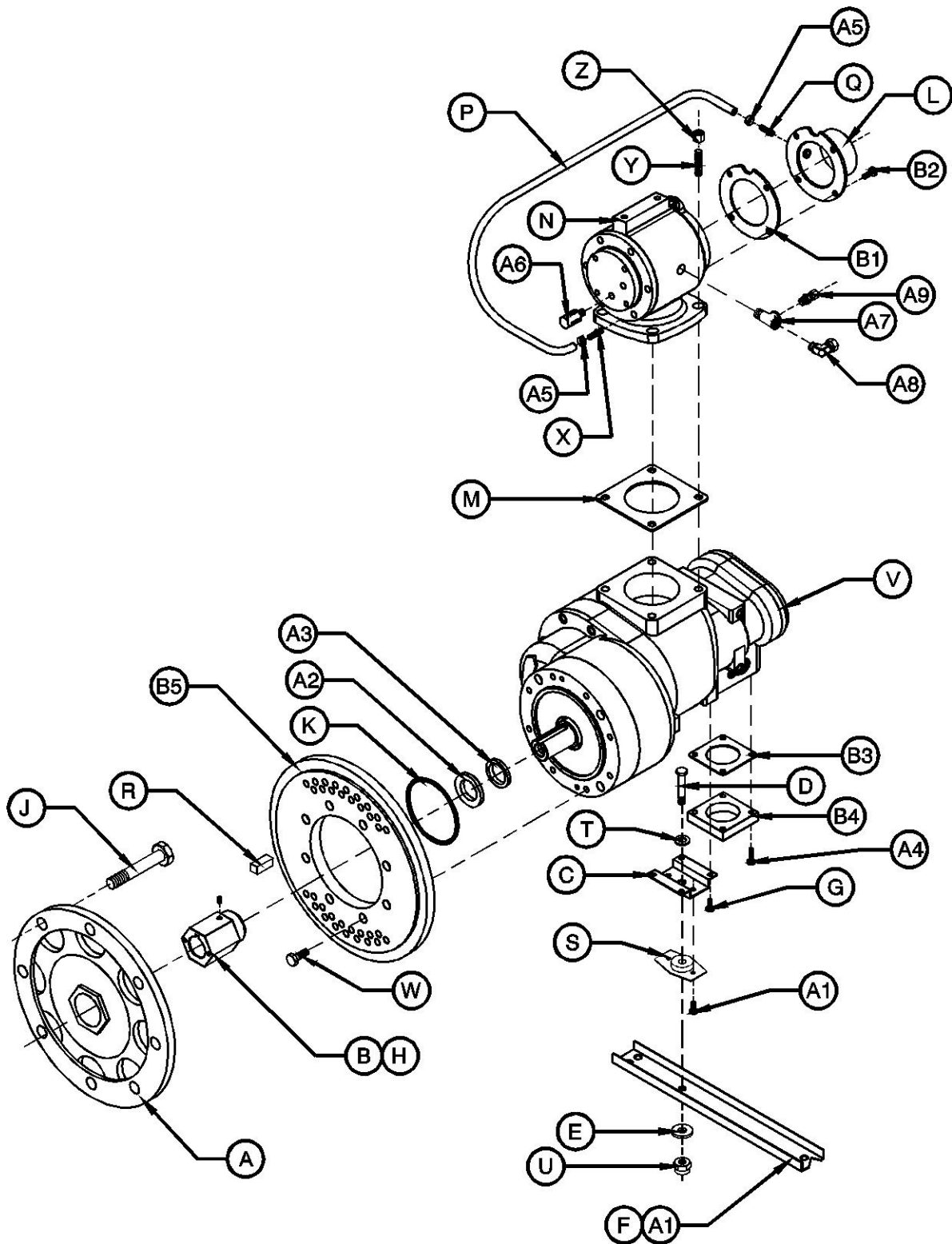
AIR END COMPLETE Prior to S/N 326650



22478382_11b_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36774321	Coupling	1	
B	54413059	Bushing	1	
C	54471685	Bracket. A/E Support	1	
D	96701503	Screw, Hex M16-2.0 X 90	1	
E	95935052	Washer, Flat	1	
F	54471677	Bracket. A/E Rear Mounting	1	
G	35358274	Screw, Socket Hd. M16-2.0 X 25	4	
H	95934840	Screw, Hex 5/16-18 X 2.75"	3	
J	35329887	Driver, Coupling 3/8"	8	
K	95055307	Screw, Cap Socket Hd. 3/8-16 X 2"	8	
L	35588532	Flange, Unloader Inlet	1	
M	36889202	Gasket, Unloader	1	
N	54436845	Unloader Assembly	1	
P	35282292	Tubing, Tygon	14"	
Q	35316587	Adapter, Barbed 1/8"	1	
R	96721105	Key, Coupling	1	
S	54471057	Isolator, Rubber	1	
T	35327212	Washer, Snubbing	1	
U	96704630	Nut, Hex Nyloc M16-2.0	1	
V	54390943	Airend, CF90		
W	96708201	Screw, Socket Hd. M10-1.50 X 80	8	
X	35323542	Adapter, Barbed 1/8"	1	
Y	35323450	Stud, M16-2.0 X 55	4	
Z	96701750	Nut, Hex M16-2.0	4	
A1	35279025	Screw, Tapping M08-1.25 X 20	6	
A2	95065660	Screw, Set 1/4-20 X 1/2"	1	
A3	95065538	Screw, Socket Hd. Set 5/16-18 X 1/2"	1	
A4	96720545	Screw, Socket Hd. M16-2.0 X 35	4	
A5	35377621	Clamp, Spring 1/4"	2	
A6	36766756	Muffler, Orifice .140	1	
A7	35114545	Tee, Street 1/4 NPT	1	
A8	35283464	Elbow, 90° 1/4 NPT X -4 JIC	1	
A9	35369347	Connector, Male 1/4 NPT X 3/8 Tube	1	
B1	35588318	Gasket, Unloader Inlet	1	
B2	96702816	Screw, Hex Soc. Cap M08-1.25 X 16	4	
B3	93481455	Gasket, A/E Discharge	1	
B4	54413042	Plate, Discharge	1	
B5	54390950	Adapter, CF90 A/E	1	
B6	95044772	O-Ring	1	
B7	39317599	Seal, Double Element	1	
B8	39317581	Seal, Single Element	1	

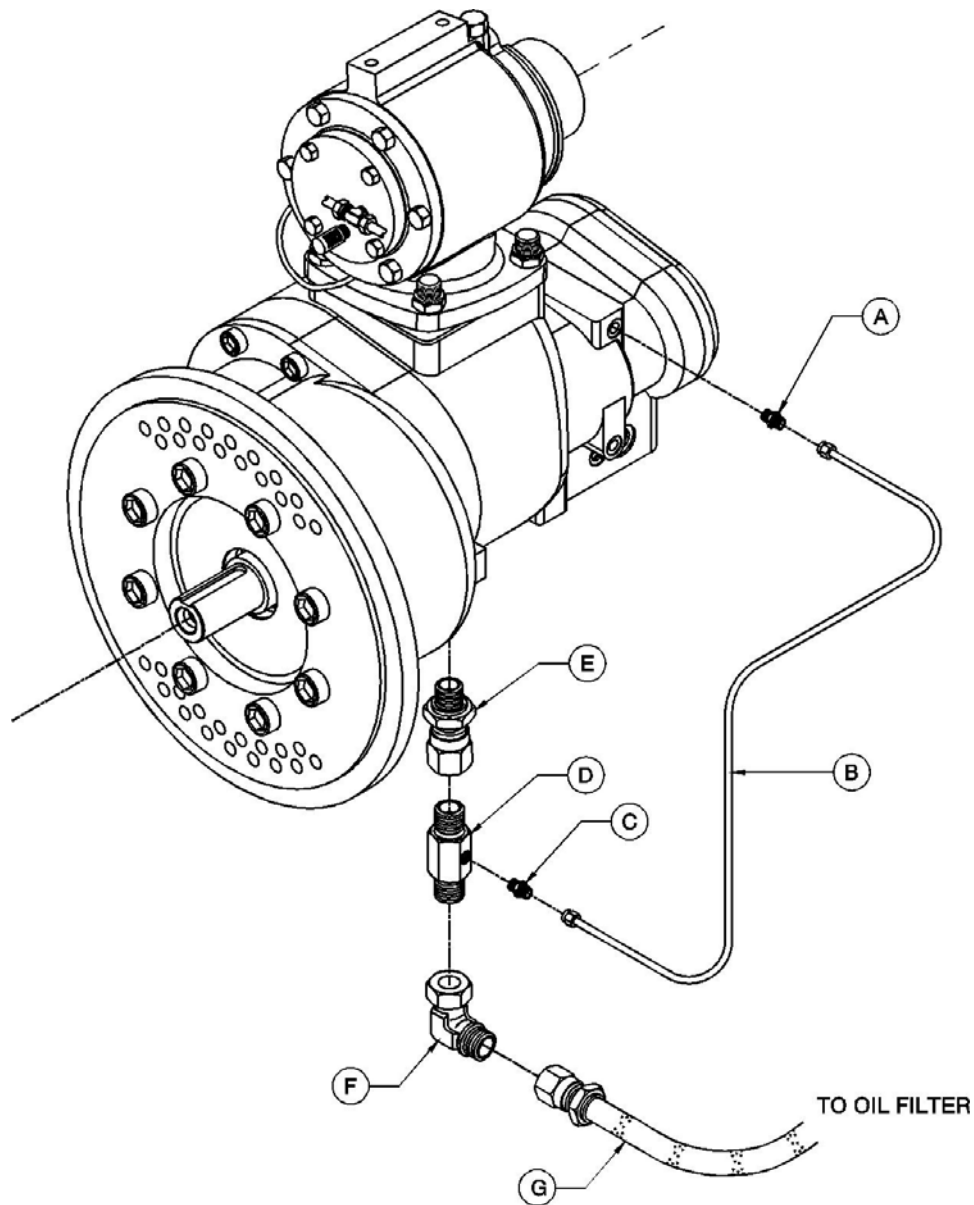
AIR END COMPLETE Begin w/ S/N 326650



22478382_11c_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54755087	Coupling	1	Prior to S/N 326988 Begin w/ S/N 326988
B	54755111	Bearing, Hex	1	
C	54471685	Bracket. A/E Support	1	
D	96701503	Screw, Hex M16-2.0 X 90	1	
E	95935052	Washer, Flat	1	
F	54471677	Bracket. A/E Rear Mounting	1	
G	35358274	Screw, Socket Hd. M16-2.0 X 25	8	
H	95065637	Screw, Socket Hd. Set 3/8-16 X 1/2"	1	
	95376943	Screw, Socket Hd. Set 3/8-16 X 1/4"	1	
J	96704309	Screw, Hex M10-1.5 X 35	8	
K	95044772	O-Ring	1	
L	35588532	Flange, Unloader Inlet	1	
M	36889202	Gasket, Unloader	1	
N	54436845	Unloader Assembly	1	
P	35282292	Tubing, Tygon	14"	
Q	35316587	Adapter, Barbed 1/8"	1	
R	96721105	Key, Coupling	1	
S	54471057	Isolator, Rubber	1	
T	35327212	Washer, Snubbing	1	
U	96704630	Nut, Hex Nyloc M16-2.0	1	
V	54390943	Airend, CF90		
W	96708201	Screw, Socket Hd. M10-1.50 X 80	8	Prior to S/N 341755; See Item G
X	35323542	Adapter, Barbed 1/8"	1	
Y	35323450	Stud, M16-2.0 X 55	4	
Z	96701750	Nut, Hex M16-2.0	4	
A1	35279025	Screw, Tapping M08-1.25 X 20	6	
A2	39317599	Seal, Double Element	1	
A3	39317581	Seal, Single Element	1	
A4	96720545	Screw, Socket Hd. M16-2.0 X 35	4	
A5	35377621	Clamp, Spring 1/4"	2	
A6	36766756	Muffler, Orifice .140	1	
A7	35114545	Tee, Street 1/4 NPT	1	
A8	35283464	Elbow, 90° 1/4 NPT X -4 JIC	1	
A9	35369347	Connector, Male 1/4 NPT X 3/8 Tube	1	
B1	35588318	Gasket, Unloader Inlet	1	
B2	96702816	Screw, Hex Soc. Cap M08-1.25 X 16	4	
B3	93481455	Gasket, A/E Discharge	1	
B4	54413042	Plate, Discharge	1	
B5	54390950	Adapter, CF90 A/E	1	

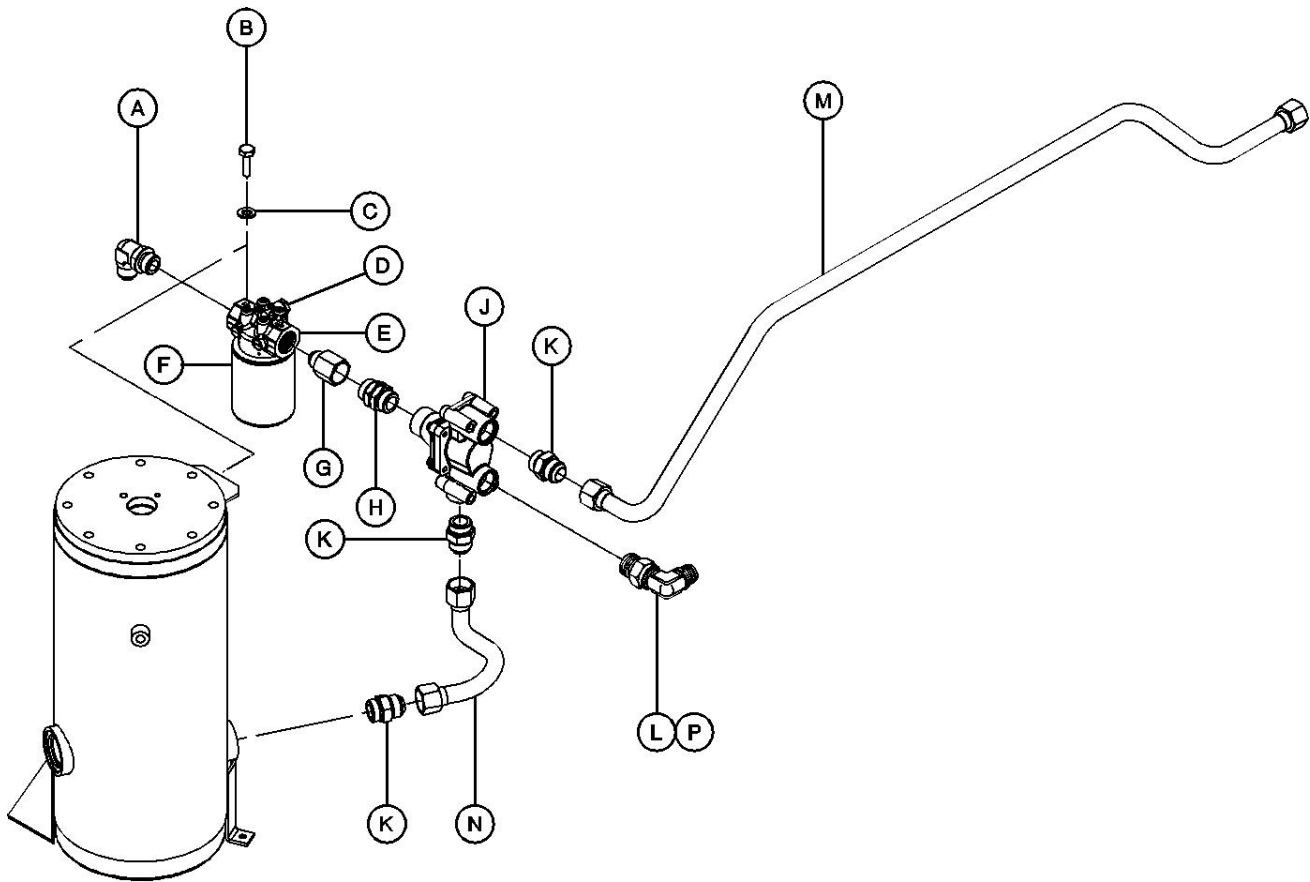
AIR END PIPING



22478382_12_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95989695	Adapter, 1/2-20 O-Ring	1	
B	93481570	Tube Assembly	1	
C	96739701	Adapter, M12-1.5 X 1/2-20	1	
D	93481562	Manifold, -12 JIC X -12 JIC	1	
E	96739693	Adapter, M26-1.5 X -12 JIC	1	
F	35301506	Elbow, 90° Swivel Nu	1	
G	35323864	Hose Assembly	1	

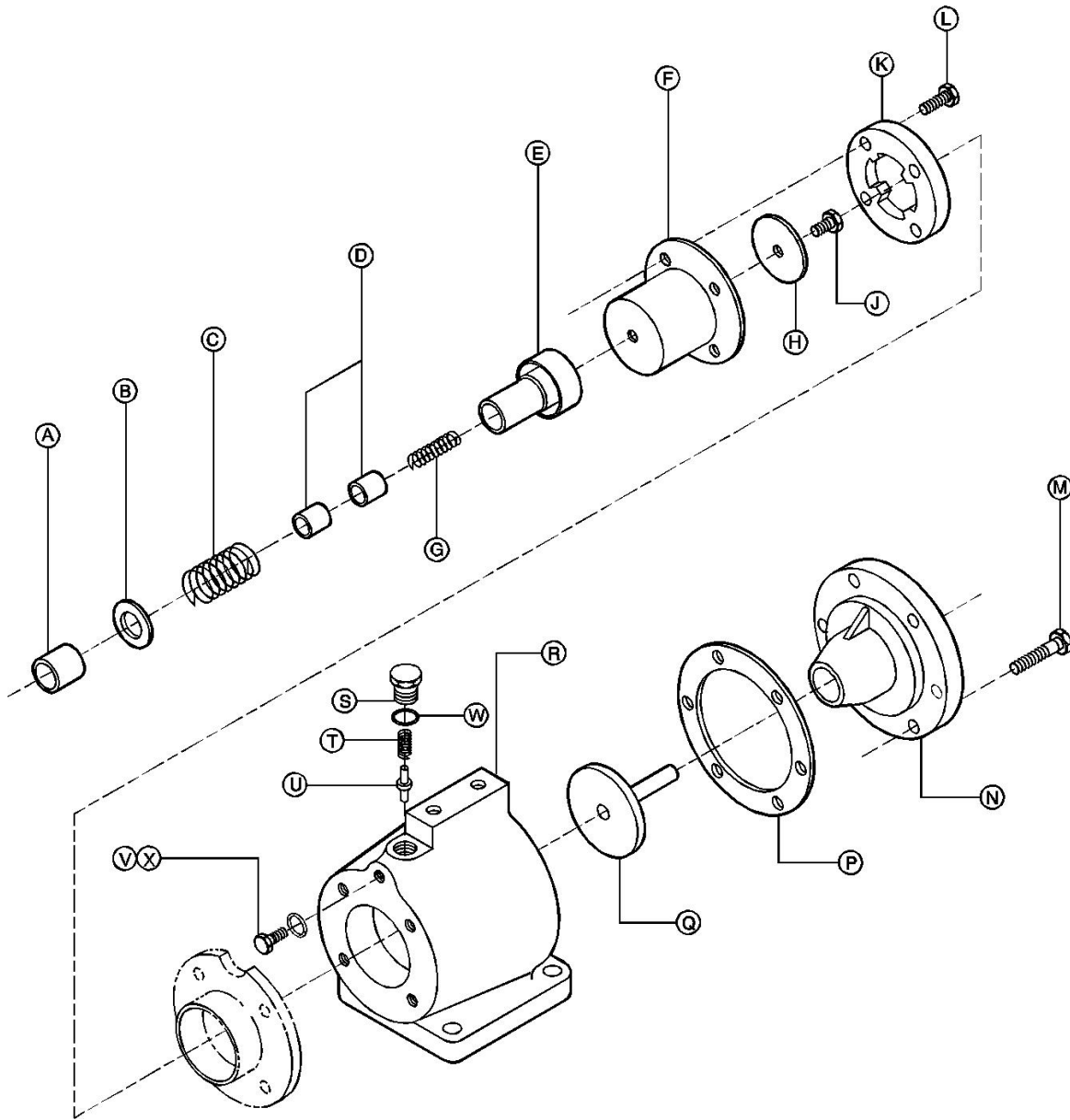
OTBV and OIL FILTER MOUNTING



22478382_14_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35294750	Elbow, 90° 1-1/16 -12 X -12JIC	1	Included w/ Item D Included w/ Item D
B	96702279	Screw, Hex M10-1.50 X 20	2	
C	95935037	Washer, Flat	2	
D	36897387	Oil Filter Assembly	1	
E	36897445	Head, Oil Filter	AR	
F	36897353	Element, Oil Filter	AR	
G	552A10S073P	Reducer, 1.31-12 to 1.06-12	1	
H	550A10S060P	Fitting, Union	1	
J	54414420	Valve, Oil Temperature Bypass	1	
K	95955993	Connector, 1-5/16-12	3	
L	35291384	Elbow, 90° 1-5/16 -12 Swivel Nut	1	
M	36923555	Tube, Oil	1	
N	36923571	Tube Assembly	1	
P	35280528	O-Ring	1	

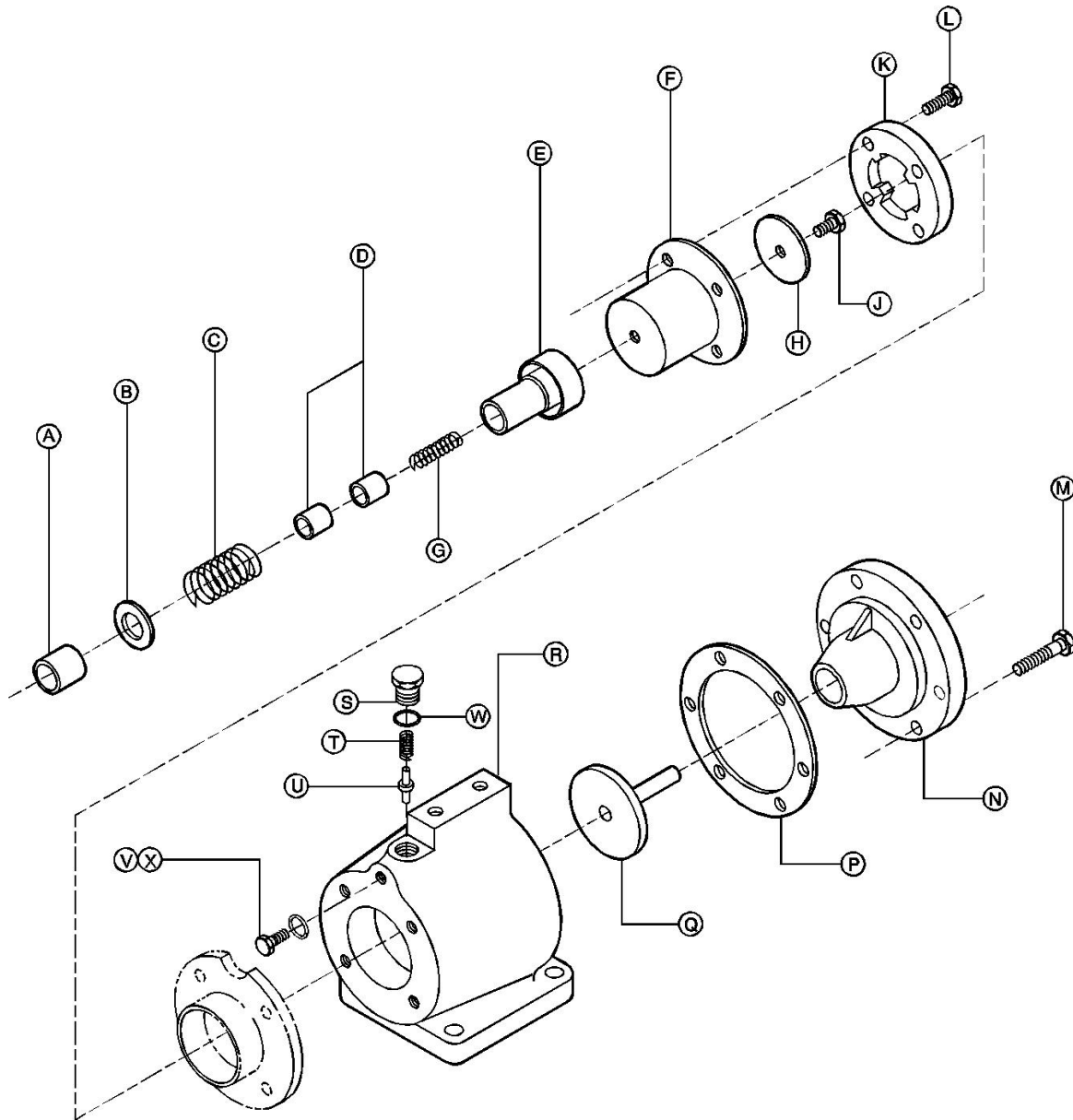
UNLOADER ASSEMBLY



22478382_13_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	*35318013	Bushing, Housing	1	<i>Continued</i>
B	*35317205	Washer, Piston	1	
C	*35322767	Spring, Piston	1	
D	*35318005	Bushing, Piston	2	
E	35588193	Piston, Unloader	1	
F	*35317197	Diaphragm	1	
G	*35321603	Spring, Compression	1	
H	*35317239	Washer, Piston	1	
J	*35321595	Screw, Button Soc. Hd. Cap	1	
K	35836949	Cover, Piston	1	
L	35271162	Screw, Hex M08-1.25 X 30	4	

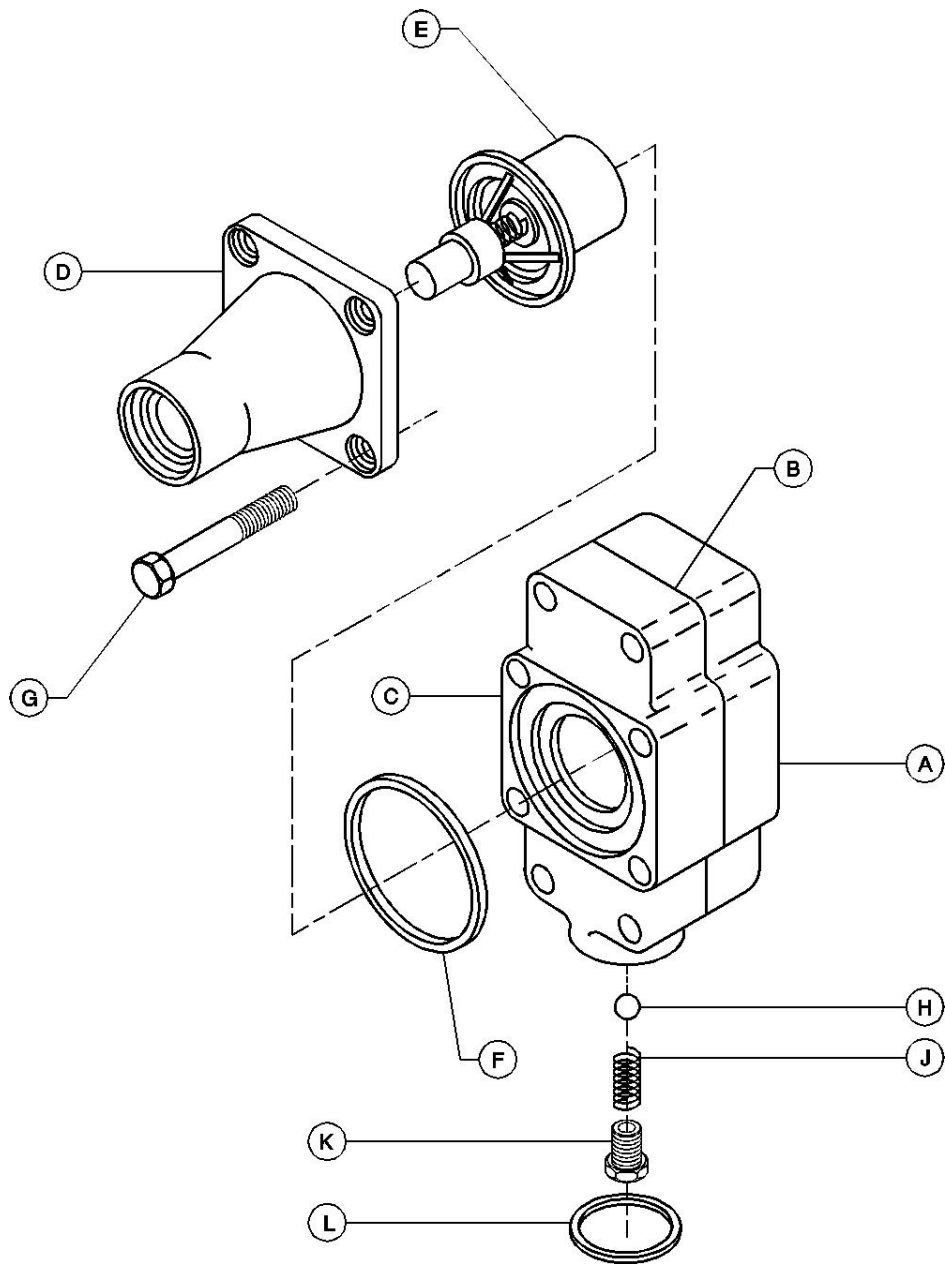
UNLOADER ASSEMBLY *continued*



22478382_13_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M	96702287	Screw, Hex M10-1.50 X 25	6	
N	35833227	Housing, Piston	1	
P	*35588300	Gasket, Piston	1	
Q	35591122	Valve, Unloader	1	
R	54425335	Body, Unloader	1	
S	*35278555	Plug	1	
T	*35318914	Spring, Pin	1	
U	35317213	Pin, Unloader	1	
V	35289057	Plug	1	
W	35278589	O-Ring	1	
X	35279959	O-Ring	1	

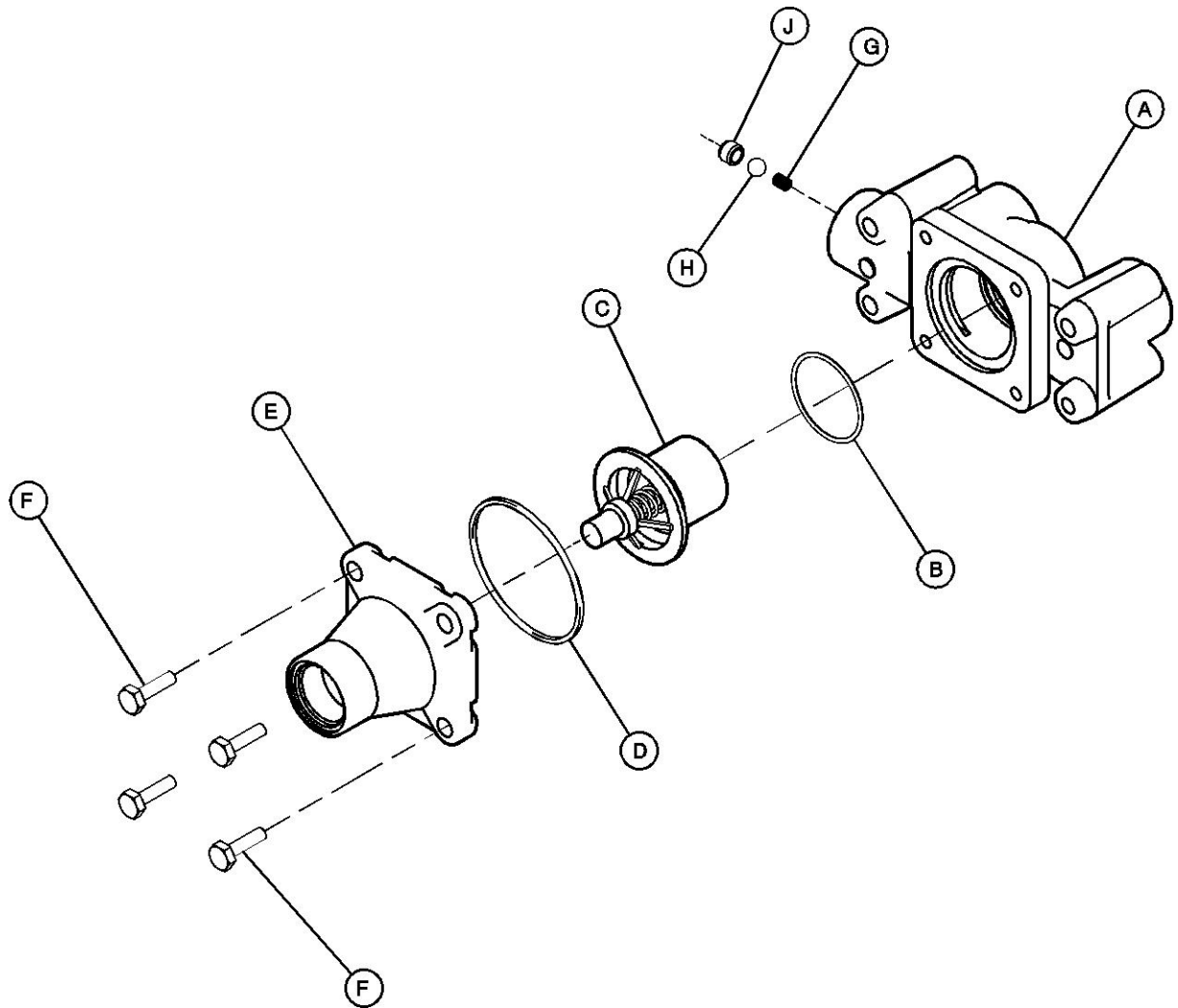
OIL TEMP. BYPASS VALVE ASSEMBLY Prior to S/N 335786



22478382_15a_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36876753	Body, Inner Half	1	
B	35584242	Gasket, OTBV	1	
C	36876761	Body, Mixing Valve	1	
D	36876779	Cover, OTBV	1	
E	36782019	Element, OTBV	1	
F	95022307	O-Ring	1	
G	36786382	Screw, Hex M08-1.25 X 70	8	
H	35288448	Ball, Detent 9mm	1	
J	35379940	Spring	1	
K	36788164	Plug	1	
L	36788172	Seal	1	

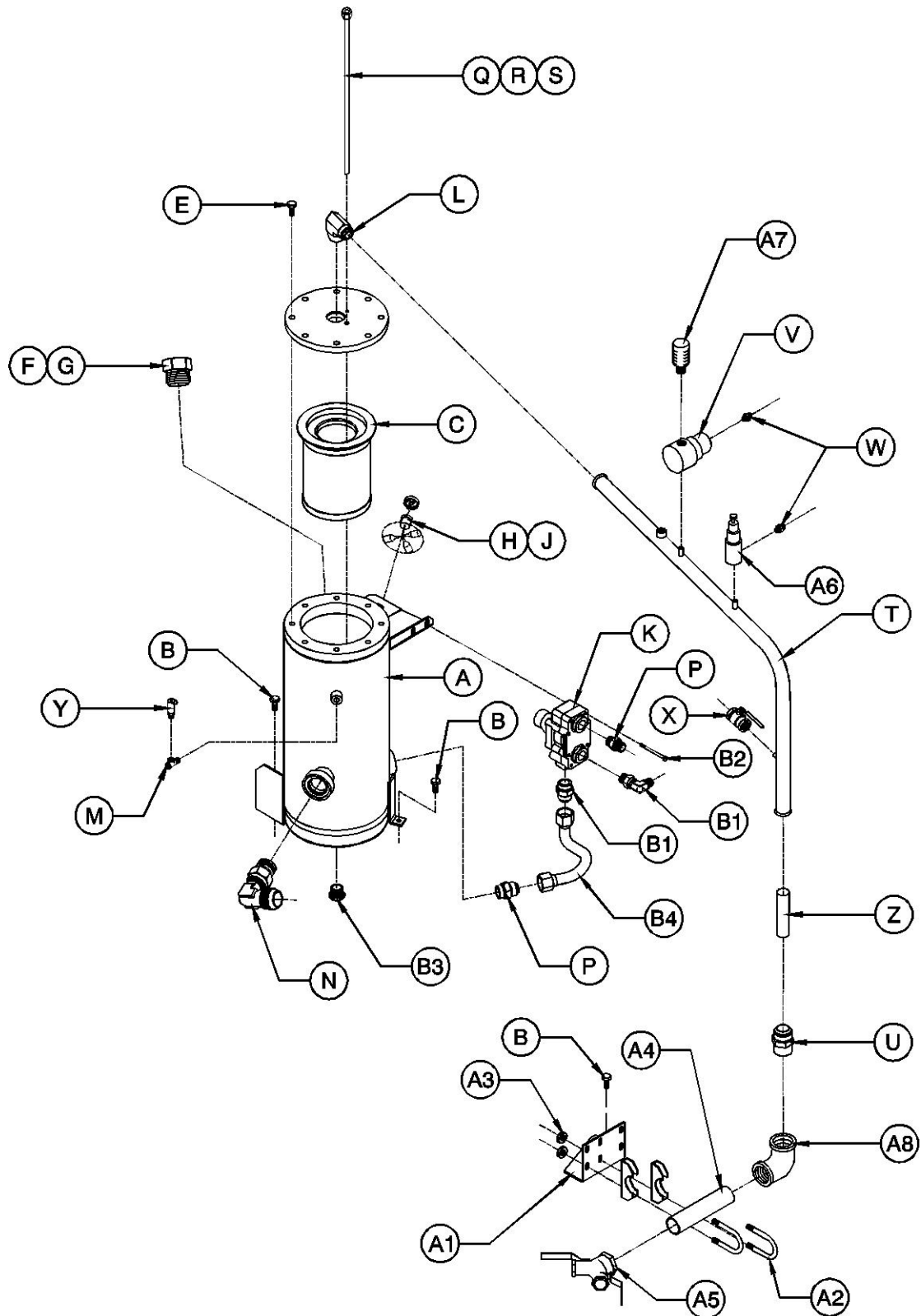
OIL TEMP. BYPASS VALVE ASSEMBLY Begin w/ S/N 335786



22478382_15b_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54414305	Housing, OTBV	1	
B	36788172	Seal, U-Type Viton	1	
C	36782019	Element, 125° - 145° F	1	
D	95022307	O-Ring	1	
E	36876779	Cover, OTBV	1	
F	96702659	Screw, Hex M08-1.25 X 25	4	
G	35379940	Spring	1	
H	35288448	Ball	1	
J	54414677	Orifice, Oil	1	

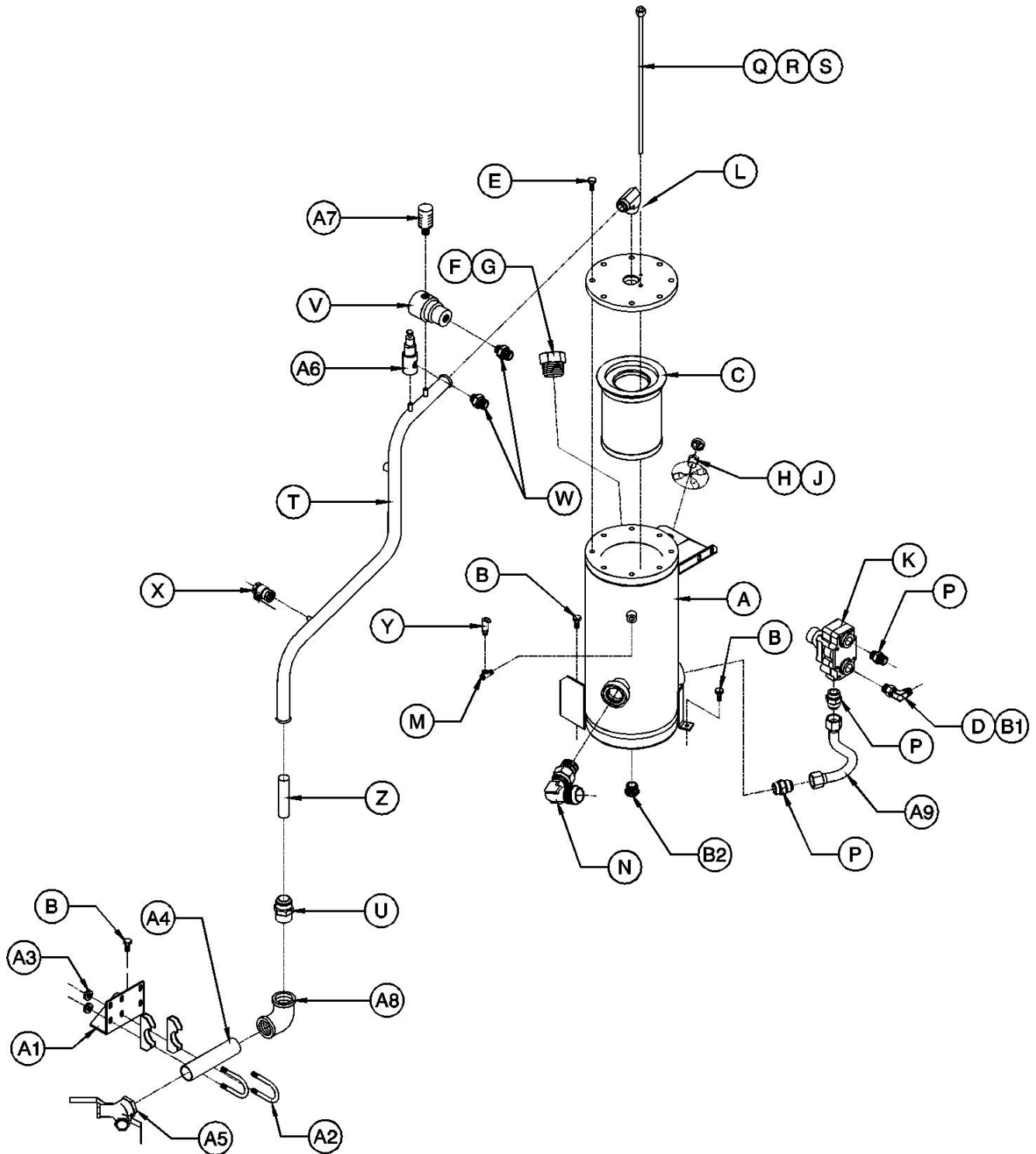
SERVICE AIR PIPING Prior to S/N 323354



22478382_16a_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54466743	Tank, Separator	1	Included w/ Item H
B	35279025	Screw, Tapping M08-1.25 X 20	5	
C	39831888	Element, Separator	1	
D	~	~	~	
E	36877793	Screw, Hex Flange Hd. M12-1.75 X 40	8	
F	35579630	Plug, 1.62 O-Ring	1	
G	35279942	O-Ring	2	
H	36891083	Gauge Assembly, Oil Level	1	
J	36891489	Rotating Pointer Assembly	AR	
K	36876787	Valve, Oil Temperature Bypass	1	
L	35279777	Elbow, 90° 1-5/8 -12	1	
M	95944708	Tee, Street 1/2 NPT	1	
N	95431292	Elbow, 90° 1-7/8 -12	1	
P	95955993	Connector, 1-5/16-12	3	
Q	35329309	Fitting, Lenz Tube	1	
R	36781227	Tube, Scavenge	1	
S	36840437	Valve, Check	1	
T	36923580	Tube, Service	1	
U	95219770	Adapter, 1.25-12 X 1.62-12	1	
V	35322379	Valve, Blowdown	1	Diaph. Repair Kit 35379064
W	35369347	Connector, Male 1/4 NPT X 3/8 Tube	2	
X	35324839	Valve, 1/4 Ball	1	
Y	35325224	Valve, Safety	1	
Z	36923928	Nozzle, .453 Sonic Orifice	1	
A1	36889996	Bracket, Service Pipe	1	
A2	36785277	Clamp, Saddle 1-5/8	2	
A3	95923314	Nut, Hex Lock 5/16-18	4	
A4	95992897	Nipple, 1.25 X 9"	1	
A5	36881076	Valve, Wye	1	
A6	36854149	Valve, Regulator Pressure	1	Diaph. Repair Kit 35387919
A7	36766756	Muffler, Orifice .140	1	
A8	95953378	Elbow, 90° 1.25"	1	
A9	~	~	~	
B1	35291384	Elbow, 90° 1-5/16 -12 Swivel Nut	1	
B2	96718978	Screw, Hex M08-1.25 X 80	2	
B3	95280541	Plug, Hex 1.06-12	1	
B4	36923571	Tube Assembly	1	
B5	35280528	O-Ring	1	

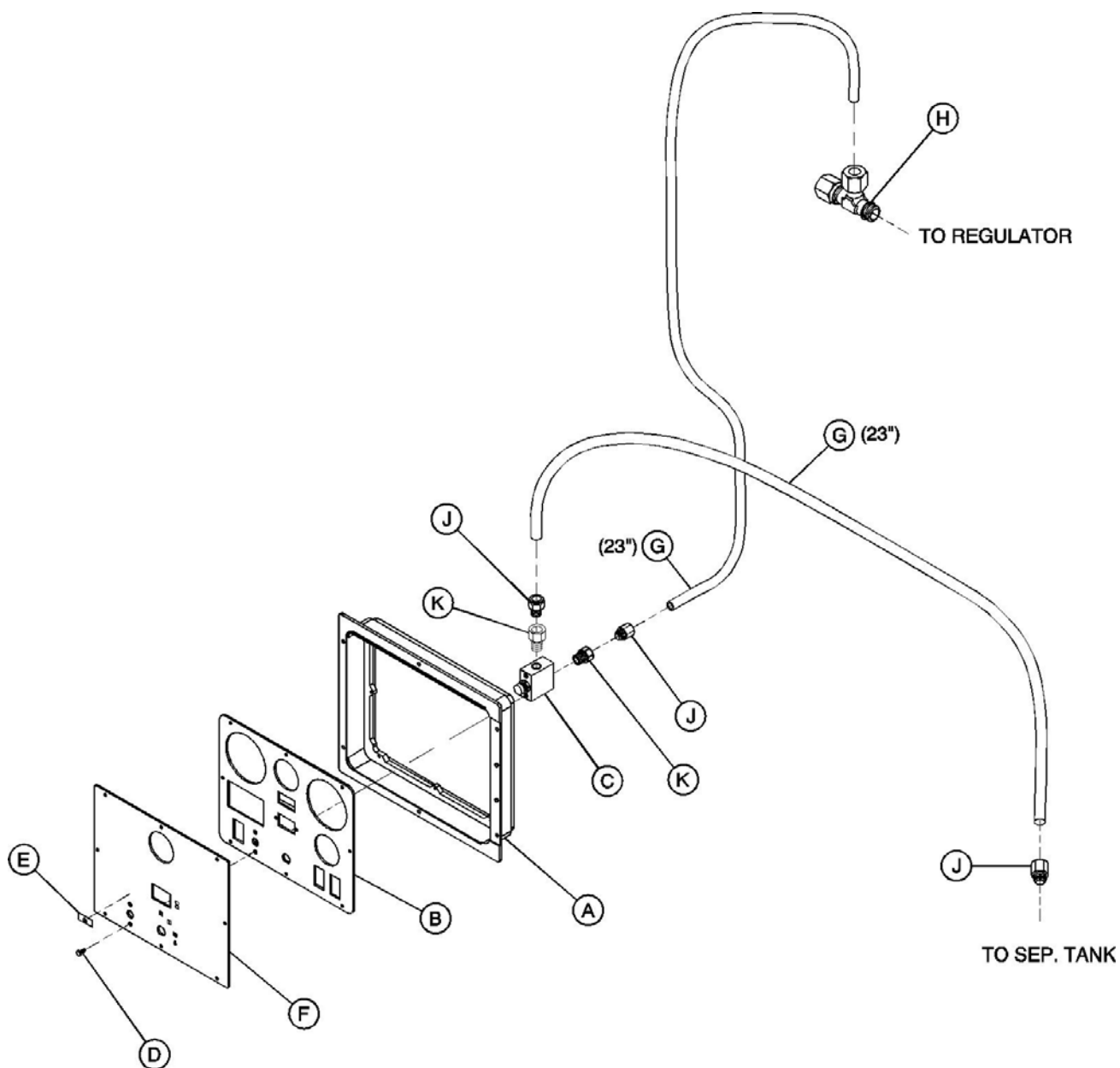
SERVICE AIR PIPING Begin w/ S/N 323354



22478382_16b_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54466743	Tank, Separator	1	Prior to S/N 338598 Begin w/ S/N 338598
B	35279025	Screw, Tapping M08-1.25 X 20	5	
C	39831888	Element, Separator	1	
	92754688	Element, Separator	1	
D	35280528	O-Ring	1	
E	36877793	Screw, Hex Flange Hd. M12-1.75 X 40	8	
F	35579630	Plug, 1.62 O-Ring	1	
G	35279942	O-Ring	2	
H	36891083	Gauge Assembly, Oil Level	1	
J	36891489	Rotating Pointer Assembly	AR	
K	36876787	Valve, Oil Temperature Bypass	1	Included w/ Item H
L	35279777	Elbow, 90° 1-5/8 -12	1	
M	95944708	Tee, Street 1/2 NPT	1	
N	95431292	Elbow, 90° 1-7/8 -12	1	
P	95955993	Connector, 1-5/16-12	3	
Q	35329309	Fitting, Lenz Tube	1	
R	36781227	Tube, Scavenge	1	
S	36840437	Valve, Check	1	
T	54727383	Tube, Service	1	
U	95219770	Adapter, 1.25-12 X 1.62-12	1	Diaph. Repair Kit 35379064
V	35322379	Valve, Blowdown	1	
W	35369347	Connector, Male 1/4 NPT X 3/8 Tube	2	
X	35324839	Valve, 1/4 Ball	1	
Y	35325224	Valve, Safety	1	
Z	36923928	Nozzle, .453 Sonic Orifice	1	
A1	36889996	Bracket, Service Pipe	1	
	22226617	Bracket, Service Pipe	1	
A2	95992897	Nipple, 1.25 X 9"	1	
	95944542	Nipple, 1.25 X 7"	1	
A3	95923314	Nut, Hex Lock 5/16-18	4	Diaph. Repair Kit 35387919; Prior to S/N Begin w/ S/N
A4	95992897	Nipple, 1.25 X 9"	1	
A5	36881076	Valve, Wye	1	
A6	36854149	Valve, Regulator Pressure	1	
	36896892	Valve, Regulator Pressure		
A7	36766756	Muffler, Orifice .140	1	
A8	95953378	Elbow, 90° 1.25"	1	
A9	36923571	Tube Assembly	1	
B1	35291384	Elbow, 90° 1-5/16 -12 Swivel Nut	1	
B2	95280541	Plug, Hex 1.06-12	1	

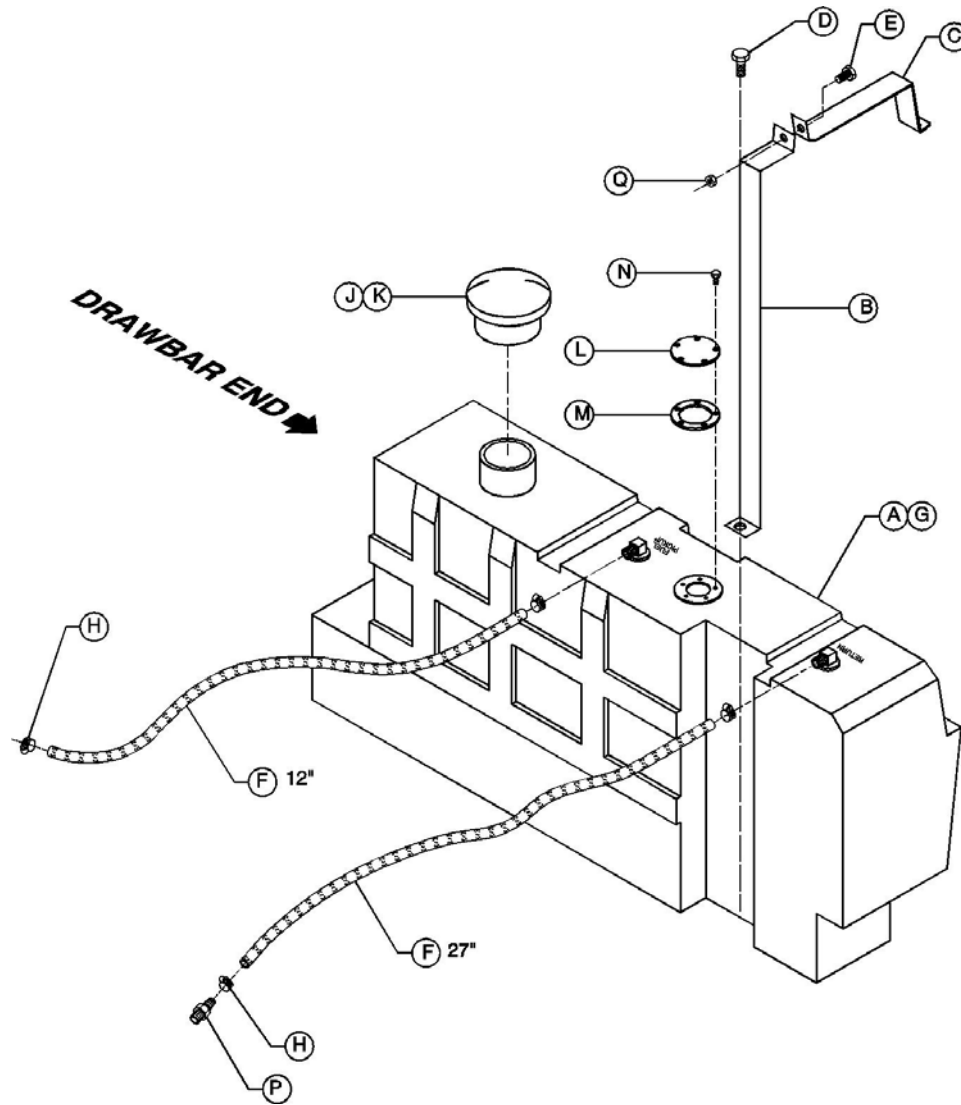
MANUAL START-RUN VALVE



22478382_32_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54749601	Frame, WW Instrument Panel	1	See Lengths Above
B	22171680	Panel, Instrument	1	
C	36783439	Valve, 2 Way Start-Run	1	
D	22090898	Screw, Pan Hd. M06-1.0 X 16	2	
E	54774146	Decal, Push After Warmup	1	
F	22171698	Decal, WW Instrument Panel	1	
G	35356484	Tubing, 3/8 OD Synflex	~	
H	35369503	Tee, Male Run 1/4 NPT X 3/8 Tube	1	
J	35369347	Connector, Male 1/4 NPT X 3/8 Tube	3	
K	35302314	Adapter, 9/16 X 1/4 NPT	2	

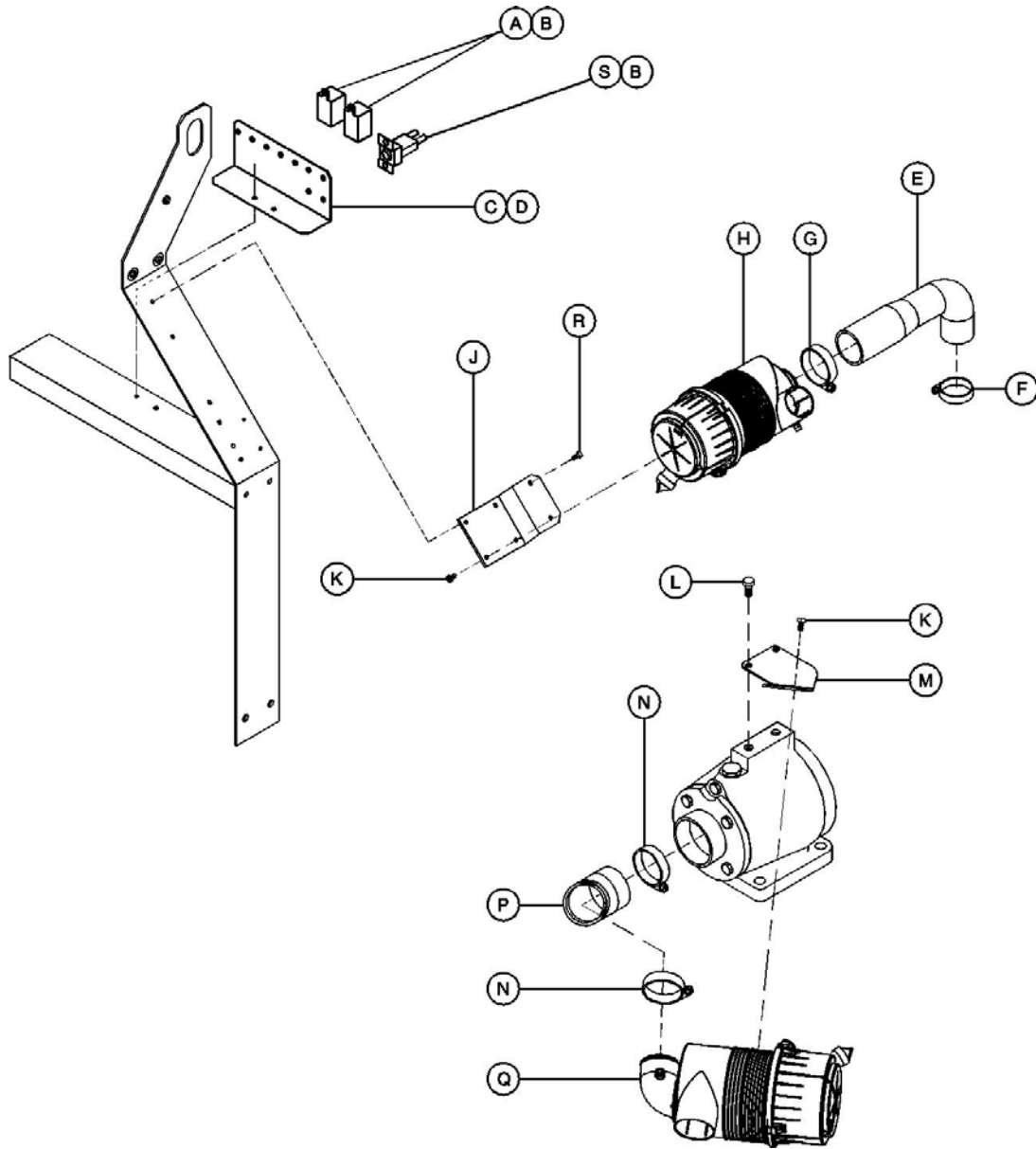
FUEL TANK ASSEMBLY



22478382_17_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36922813	Tank, Fuel	1	
B	36884252	Strap, Hold Down Interior	1	
C	36884245	Strap, Hold Down Exterior	1	
D	35279025	Screw, Tapping M08-1.25 X 20	1	
E	35271170	Screw, Hex M08-1.25 X 40	1	
F	35363498	Hose, 5/16" Fuel	~	See Lengths Above
G	35384577	Bushing, Nitrile	2	Included w/ Item A
H	35296342	Clamp, Worm Gear	4	
J	36885564	Cap, Fuel	1	Included w/ Item A
K	36385111	Gasket, Fuel Cap	1	Included w/ Item A
L	36792828	Cover Plate, Fuel Level	1	Included w/ Item A
M	35361849	Gasket, Fuel Sender	1	Included w/ Item A
N	95916532	Screw, Fillister Slotted Hd. #10-32 X 1/2"	5	Included w/ Item A
P	36895977	Reducer, Fuel Line	1	
Q	35278530	Nut, Hex M08-1.25	1	

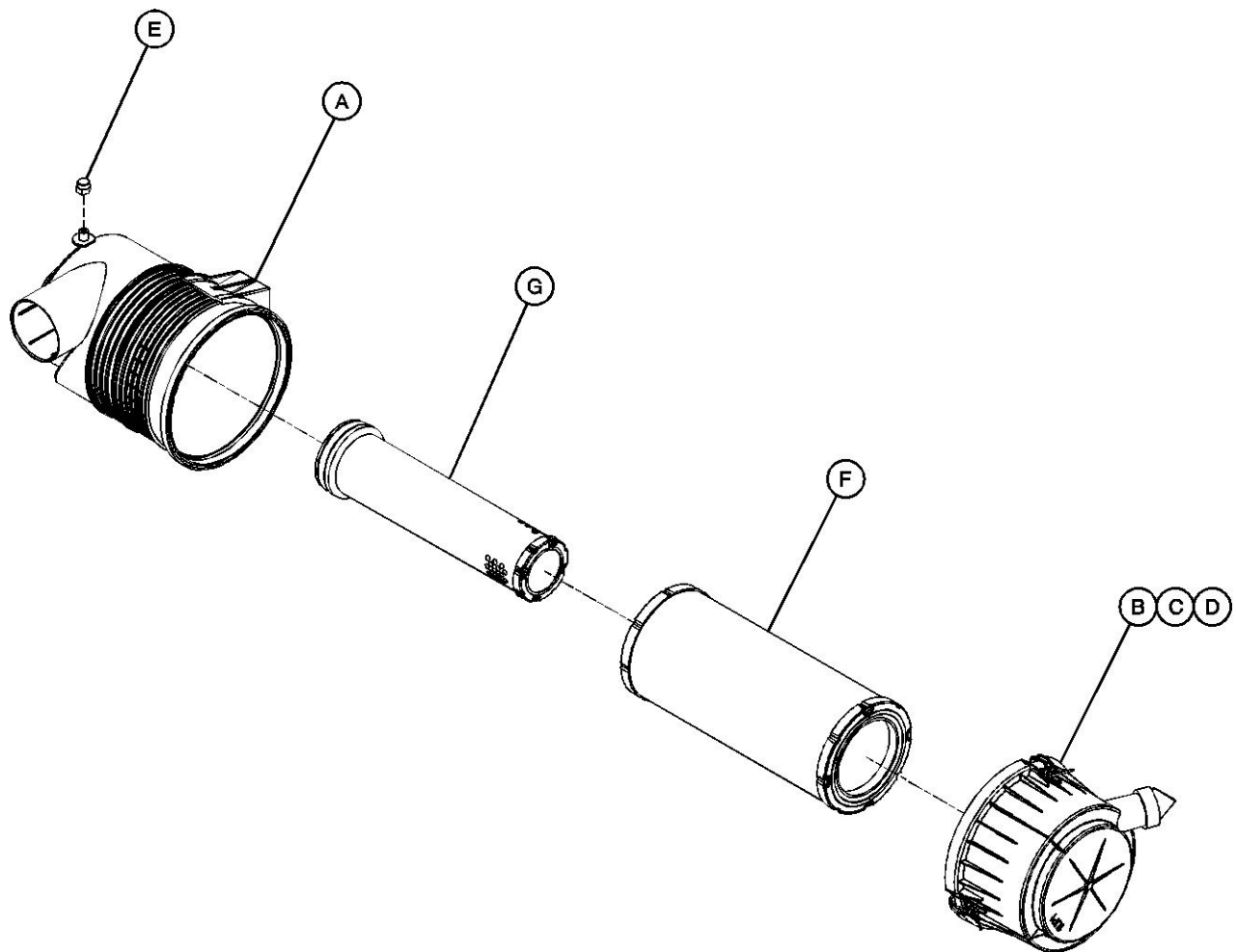
AIR CLEANER and RELAY MOUNTS



22478382_18_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36878361	Relay, Bypass	2	Prior to S/N 368294 Begin w/ S/N 368294
B	36797652	Screw, Tapping M06-1.0 X 12	4	
C	22065684	Bracket, Relay	1	
D	35300771	Screw, Tapping M08-1.25 X 20	2	
E	36880920	Hose, Engine Intake	1	
F	35314996	T-Clamp, 3.12"	1	
G	35374073	T-Clamp, 3.62	1	
H	36897999	Cleaner Assembly, Engine Air	1	
J	36880805	Bracket, Air Cleaner	1	
K	96702048	Screw, Hex M08-1.25 X 16	6	
	96702816	Screw, Hex Soc. Cap M08-1.25 X 16	6	
L	36879492	Screw, Hex Flange Hd. M12-1.75 X 25	2	
M	54467238	Bracket, Air Cleaner	1	
N	35165802	T-Clamp, 4.0"	2	
P	54465950	Hose, A/E Intake	1	
Q	54471826	Cleaner Assembly, A/E Air	1	
R	35279025	Screw, Tapping M08-1.25 X 20	2	
S	36856250	Relay, 100 AMP	1	

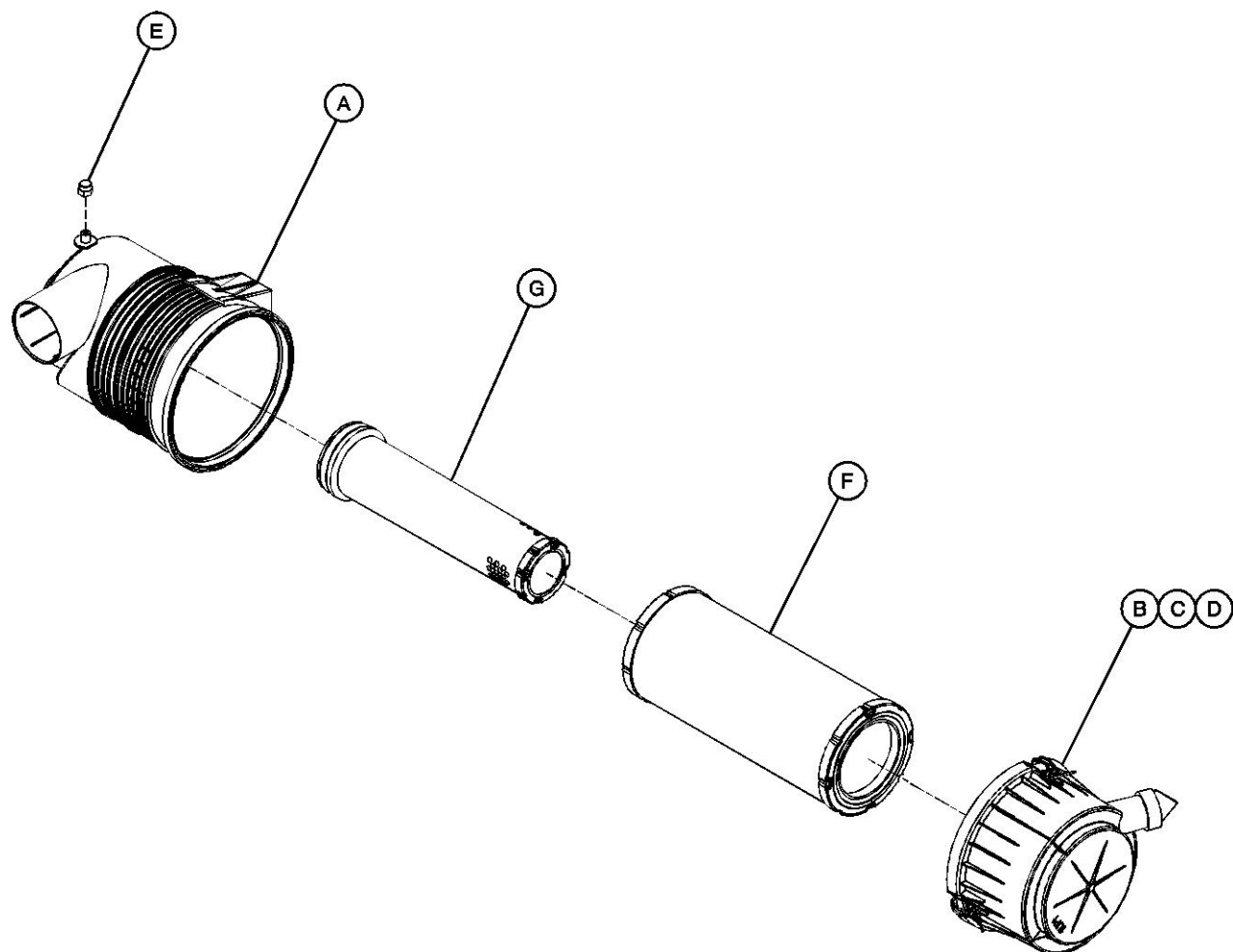
AIR END AIR CLEANER ASSEMBLY



22478382_19_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54479811	Body, Air Cleaner	1	Optional
B	54415393	Cover, Air Cleaner	1	
C	35393669	Clip, Retaining	3	
D	35393677	Valve, Dust Ejector	1	
E	35393719	Plug, Cap	1	
F	54471834	Element, Primary	1	
G	54471842	Element, Safety	1	

ENGINE AIR CLEANER ASSEMBLY

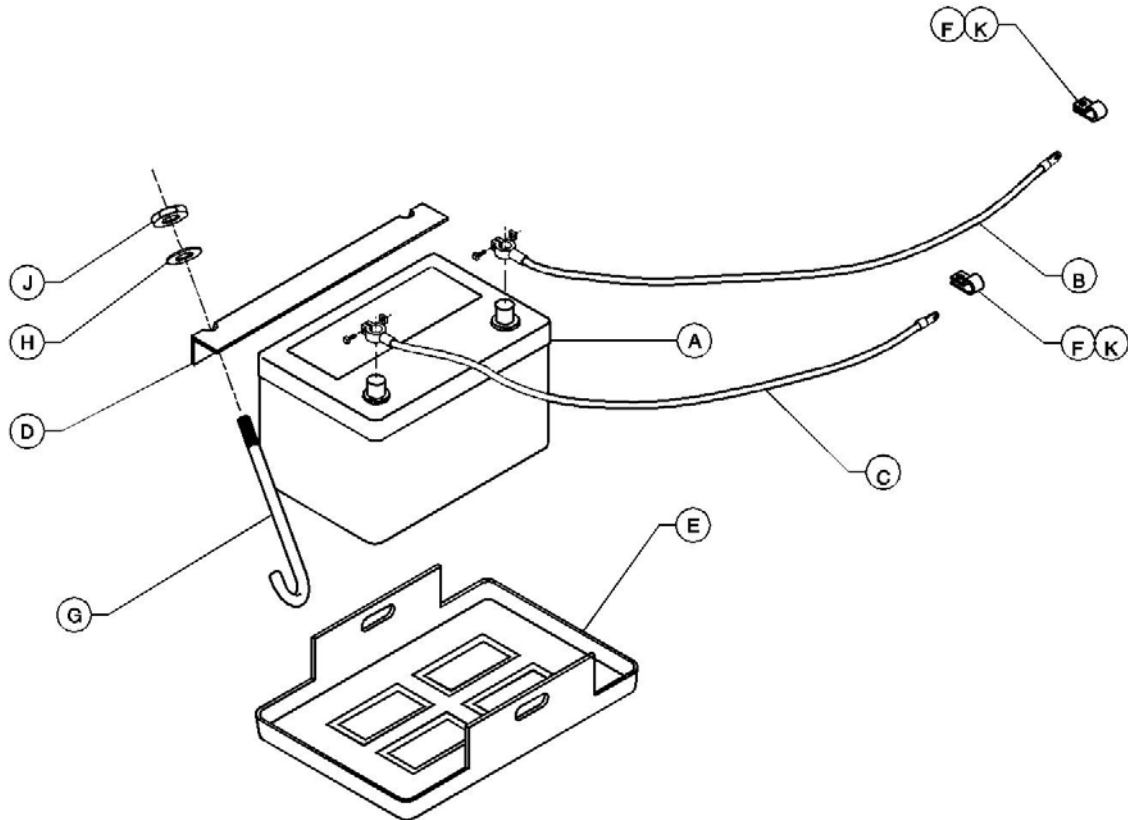
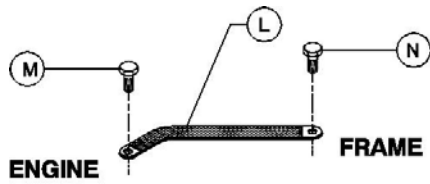


22478382_19_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35393701	Body, Air Cleaner	1	
B	35393693	Cover, Air Cleaner	1	
C	35393669	Clip, Retaining	3	
D	35393677	Valve, Dust Ejector	1	
E	35393719	Plug, Cap	1	
F	35393685	Element, Primary	1	
G	35393651	Element, Safety	1	

Optional

BATTERY MOUNT

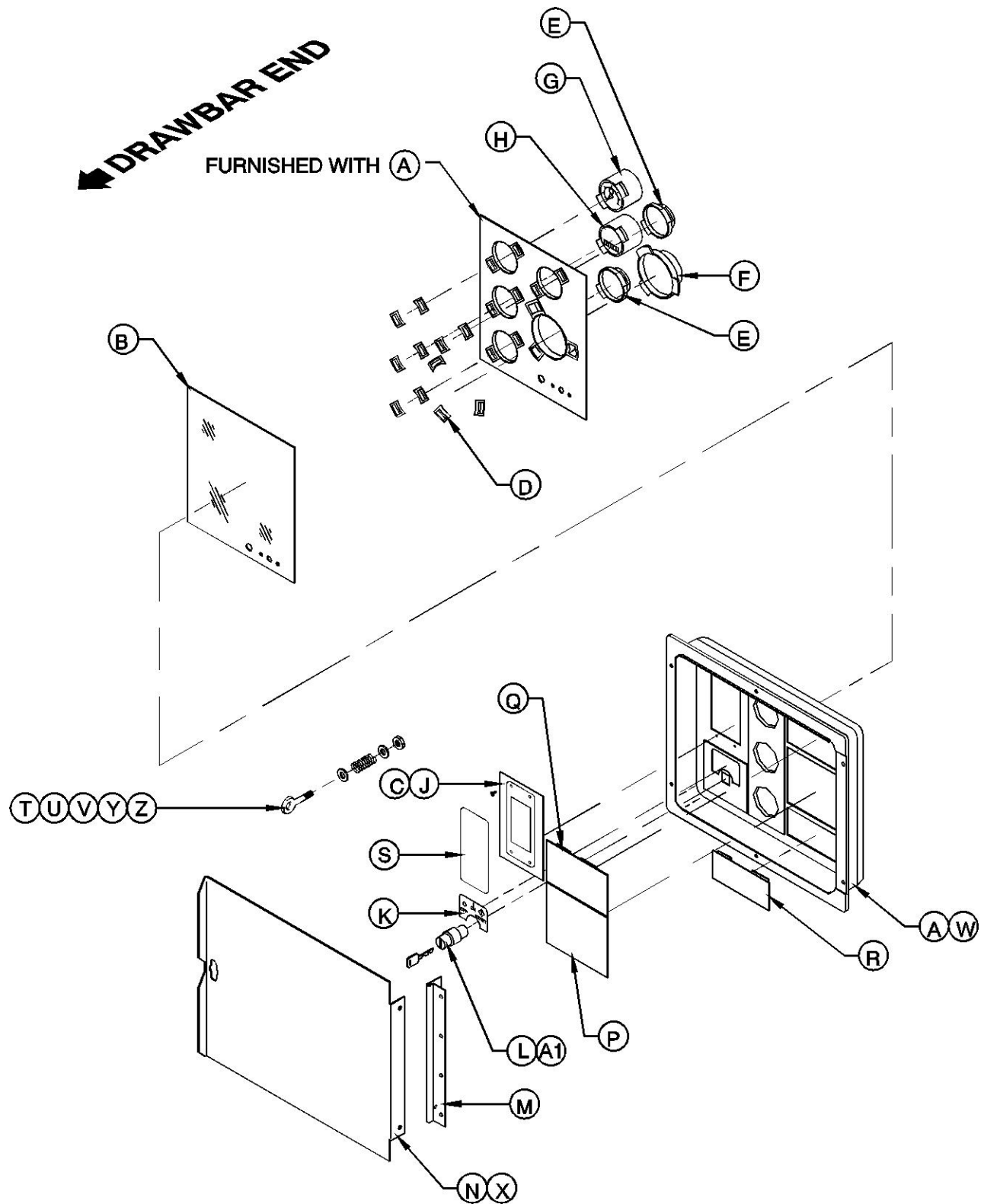


22478382_21_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36844264	Battery	1	
B	35512425	Cable, Positive Battery	1	
C	35582402	Cable, Negative Battery	1	
D	36853257	Angle	1	
E	36878064	Tray, Battery	1	
F	35225093	Clamp, 1/2" Support	2	
G	36860005	J-Bolt	2	
H	36853265	Washer, Plastic	2	
J	95923298	Nut, Lock 1/4-20	2	
K	35279025	Screw, Tapping M08-1.25 X 20	2	
L	36783488	Strap, Ground	1	
M	96719869	Screw, Hex M12-1.75 X 20	1	
N	35130293	Screw, Hex 3/8-16 X 3/4"	1	

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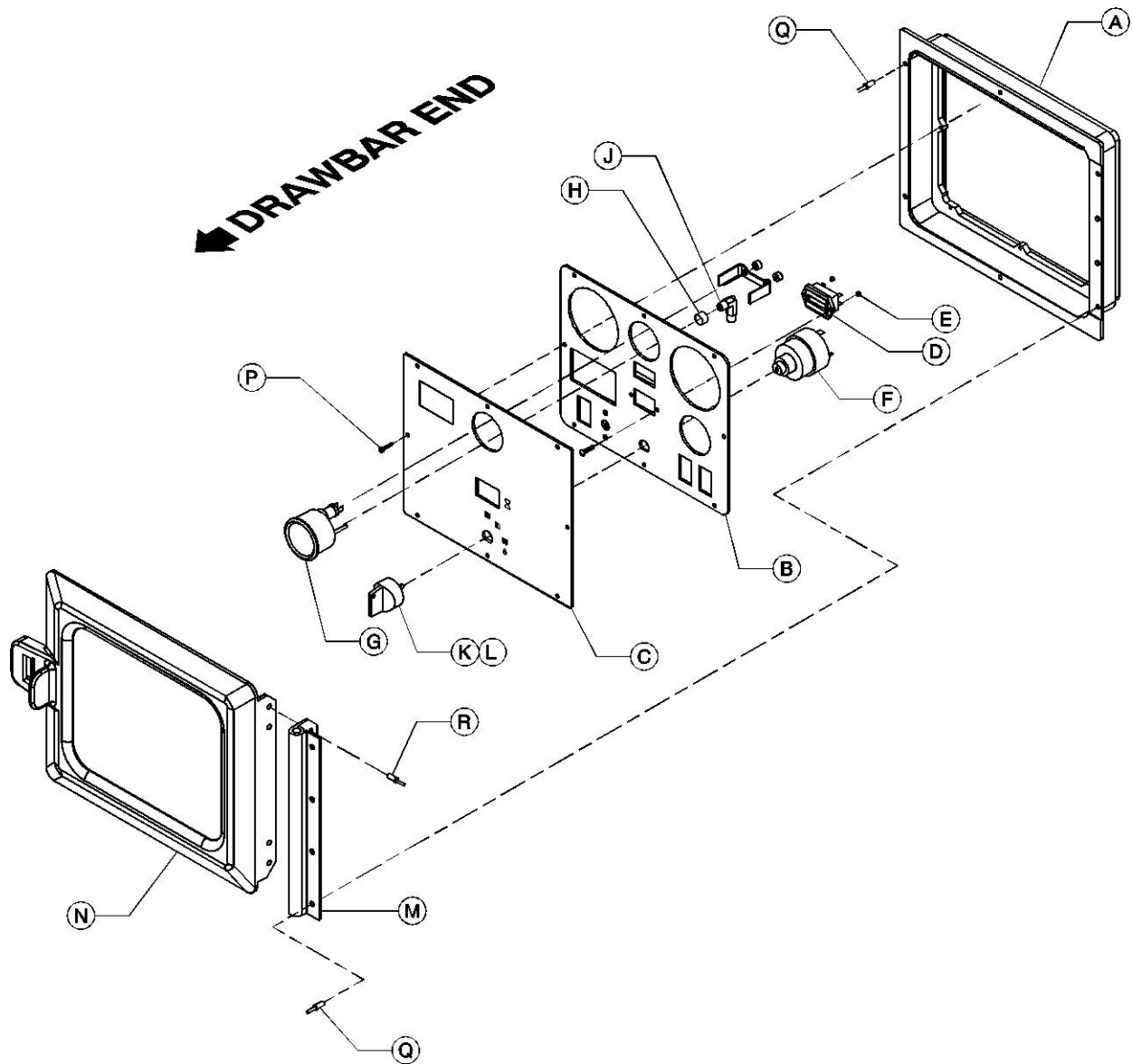
INSTRUMENT PANEL ASSEMBLY Prior to S/N 326650



22478382_22a_A_01/07

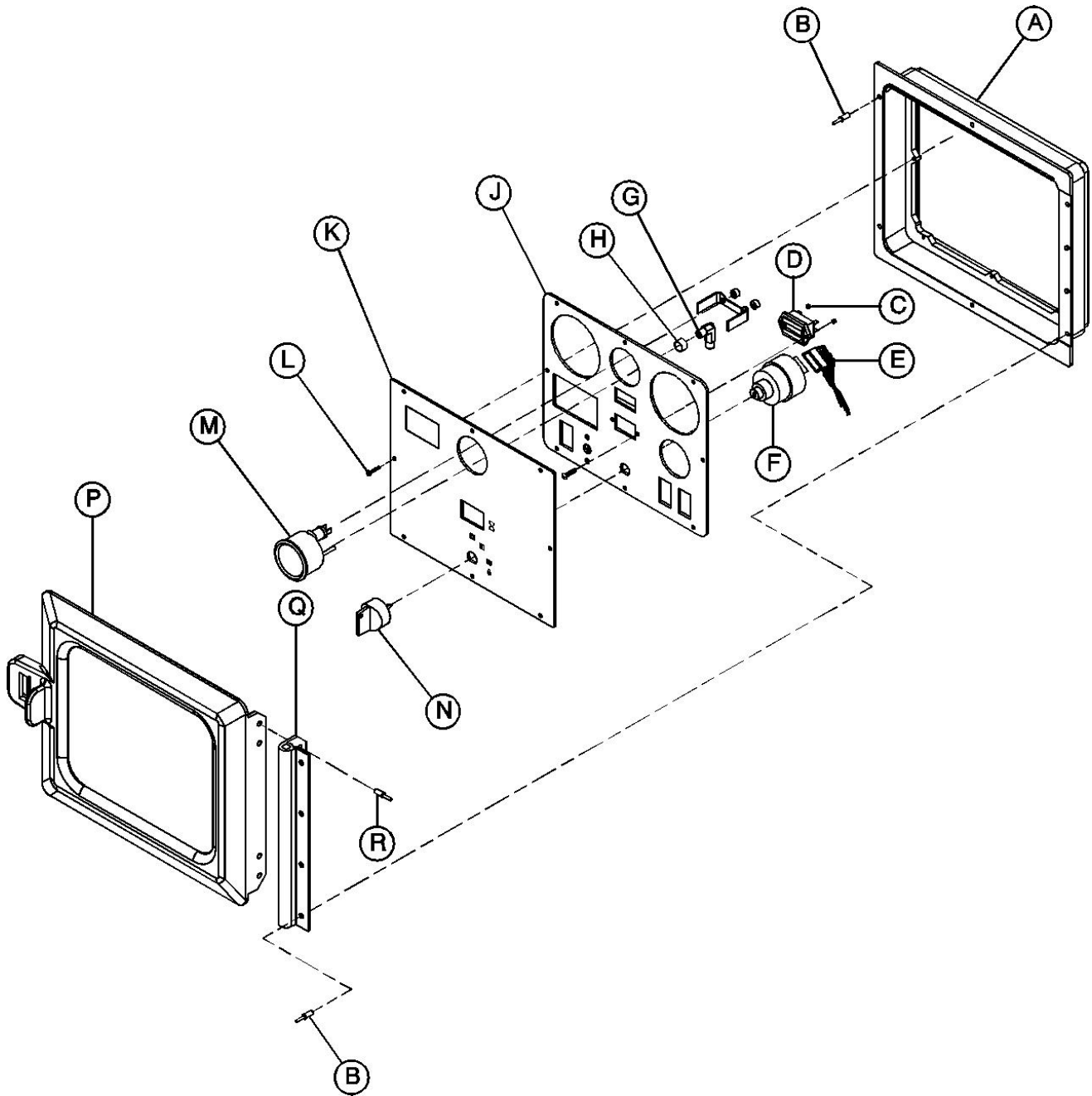
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36884492	Recessed Frame Assembly	1	Included w/ Item A
B	35390368	Panel, Acrylic	1	
C	35390400	Screw, Flat Pan Hd. #6 X 3/8"	1	Included w/ Item A
D	36880730	Clip, Gauge Retaining	11	
E	35390319	Cap, 2" Gauge	2	Included w/ Item A
F	35390301	Cap, 3.38" Gauge	1	
G	368798989	Gauge, 150 PSI Pressure	1	Included w/ Item A
H	36879880	Hourmeter	1	
J	35390343	Cover, Warning Module	1	Included w/ Item A
K	36879971	Decal, Switch	1	
L	36884211	Switch, Ignition	1	Included w/ Item A
M	36890085	Hinge, Control Panel	1	
N	36879922	Door, Instrument Panel	1	Included w/ Item A
P	35390293	Cover, 3.38" Bezel	1	
Q	35390285	Cover, 2.06" Bezel	1	Included w/ Item A
R	35390327	Cover, Switch Panel	1	
S	36882173	Label, Blank Warning Module	1	Included w/ Item A
T	35607829	Eyebolt, 1/4 x 2.5"	1	
U	95935029	Washer, Flat	1	Included w/ Item A
V	36772028	Washer, Plastic	1	
W	36920486	Rivet, 3/16 SS	6	Included w/ Item A
X	36877587	Rivet, 3/16 Aluminum	4	
Y	35607837	Spring, Compression	1	Included w/ Item A
Z	95923298	Nut, Hex Lock 1/4-20	1	
A1	36884229	Key	1	Included w/ Item A

INSTRUMENT PANEL ASSEMBLY Between S/N 326650 and 333781



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	Hourmeter	1	
E	22054159	Nut, Plastic #4-40	2	
F	92086719	Switch, Ignition	1	
G	35604065	Gauge, 150 PSI Pressure	1	
H	95935599	Coupling, Std 1/8 NPT X .75"	1	
J	35370386	Elbow, 90° 1/8 NPT X 3/8 Tube	1	
K	22054167	Key, Removable Ignition	AR	
L	54774104	Key, Non-Removable Ignition	AR	
M	36890085	Hinge, Control Panel	1	
	22107478	Hinge, Spring Control Panel	1	
N	54482500	Door, Instrument Panel	1	
	54729199	Door, Instrument Panel	1	
P	22070494	Screw, Pan Hd. #8-32 X 0.6	8	
Q	54721212	Rivet, 3/16 Aluminum	6	
R	54721220	Rivet, 3/16 Aluminum	4	

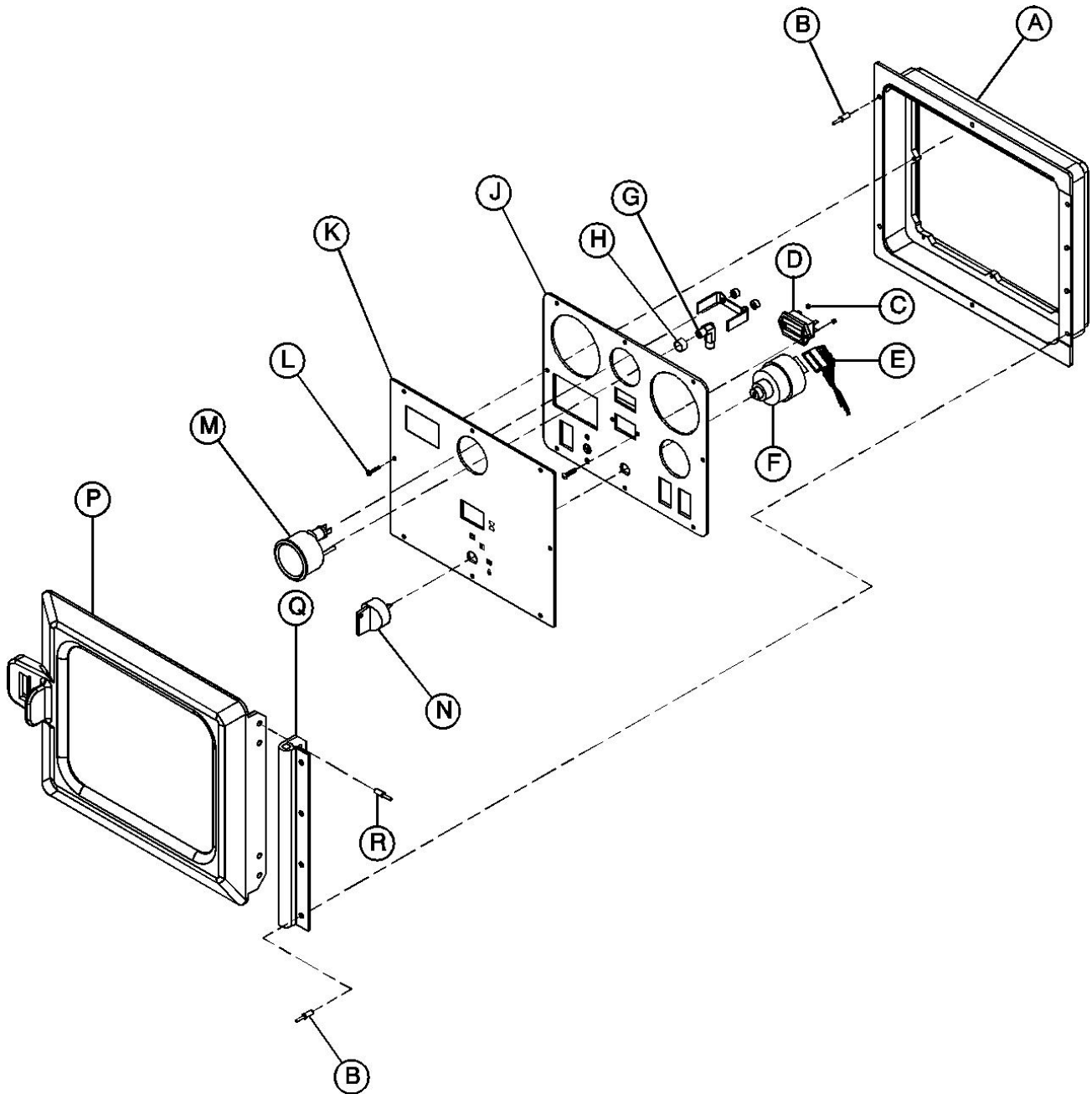
INSTRUMENT PANEL ASSEMBLY Between S/N 333782 and 340368



22478382_22c_A_01/07

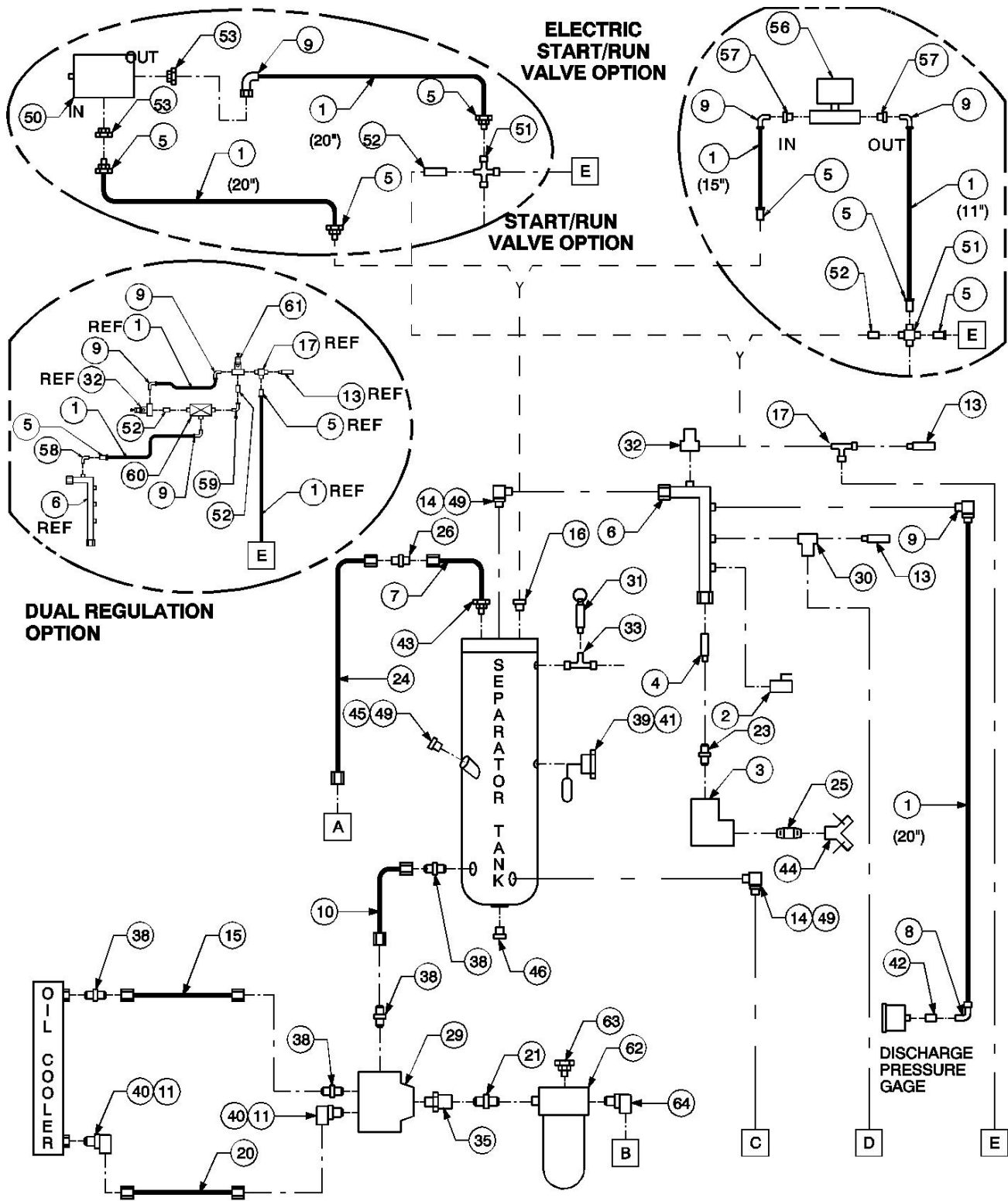
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54749601	Frame, WW Instrument Panel	1	
B	54721212	Rivet, 3/16 Aluminum	6	
C	22054159	Nut, Plastic #4-40	2	
D	54766704	Hourmeter	1	
E	22199079	Adapter, Switch	1	
F	22127385	Switch, Ignition	1	
G	35370386	Elbow, 90° 1/8 NPT X 3/8 Tube	1	
H	95935599	Coupling, Std 1/8 NPT X .75"	1	
J	22171680	Panel, Instrument	1	
K	22171698	Decal, WW Instrument Panel	1	
L	22070494	Screw, Pan Hd. #8-32 X 0.6	8	
M	35604065	Gauge, 150 PSI Pressure	1	
N	22134118	Key Knob Assembly	AR	
P	54482500	Door, Instrument Panel	1	
	54729199	Door, Instrument Panel	1	
Q	22107478	Hinge, Spring Control Panel	1	
R	54721220	Rivet, 3/16 Aluminum	4	

INSTRUMENT PANEL ASSEMBLY Begin w/ S/N 333782



22478382_22c_A_01/07

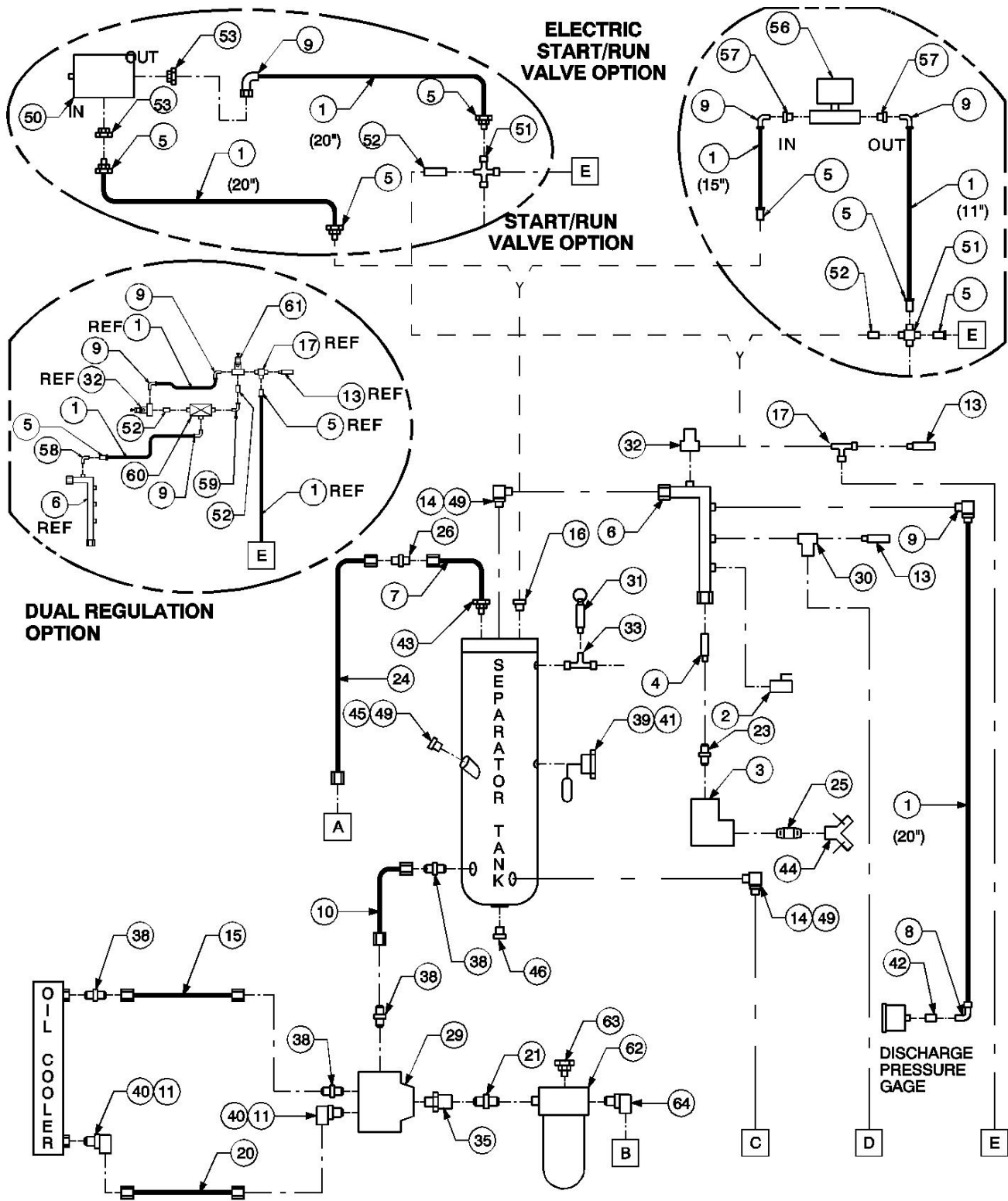
AIR and OIL PIPING Prior to S/N 312370



22478382_23a_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35356484	Tubing, 3/8 OD Synflex		
2	35324839	Valve, 1/4 Ball		
3	95953378	Elbow, 90° 1.25"		
4	36923928	Nozzle, .453 Sonic Orifice		
5	35369347	Connector, Male 1/4 NPT X 3/8 Tube		
6	36923580	Tube, Service		
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	36923571	Tube Assembly		
11	35280528	O-Ring		
13	36766756	Muffler, Orifice .140		
14	35279777	Elbow, 90° 1-5/8 -12		
15	36923555	Tube, Oil		
16	95928230	Plug, 1/4 NPT		
17	35114545	Tee, Street 1/4 NPT		
20	35132877	Hose		
21	550A10S060P	Fitting, Union		
22	35283464	Elbow, 90° 1/4 NPT X -4 JIC		
23	95219770	Adapter, 1.25-12 X 1.62-12		
24	35283258	Connector, Hose		
25	95916268	Nipple, Long 1.25" NPT X 8"		
26	36840437	Valve, Check		
29	36876787	Valve, Oil Temperature Bypass		
30	35322379	Valve, Blowdown		Diaph. Repair Kit 35379064
31	35325224	Valve, Safety		

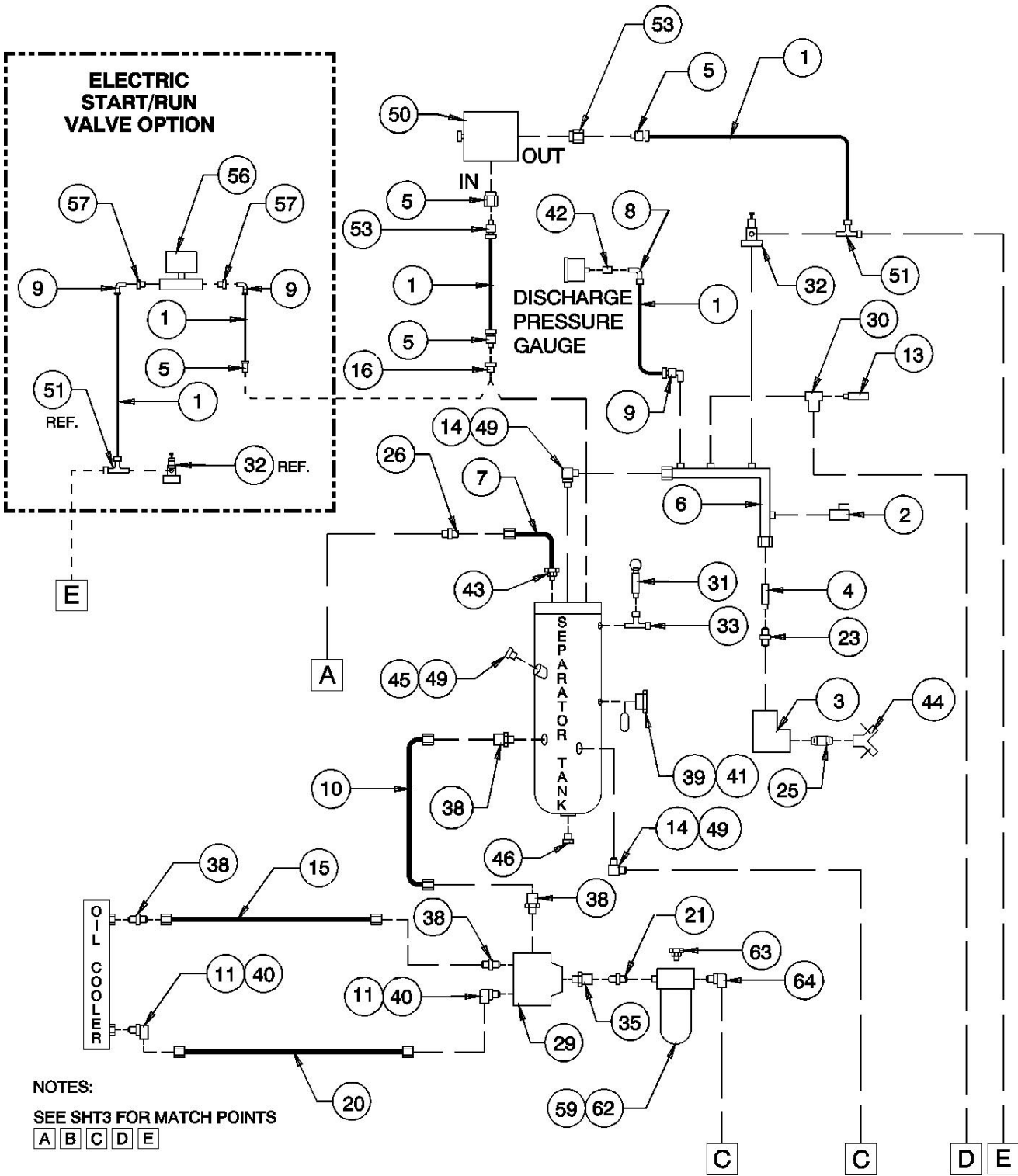
AIR and OIL PIPING Prior to S/N 312370



22478382_23a_A_01/07

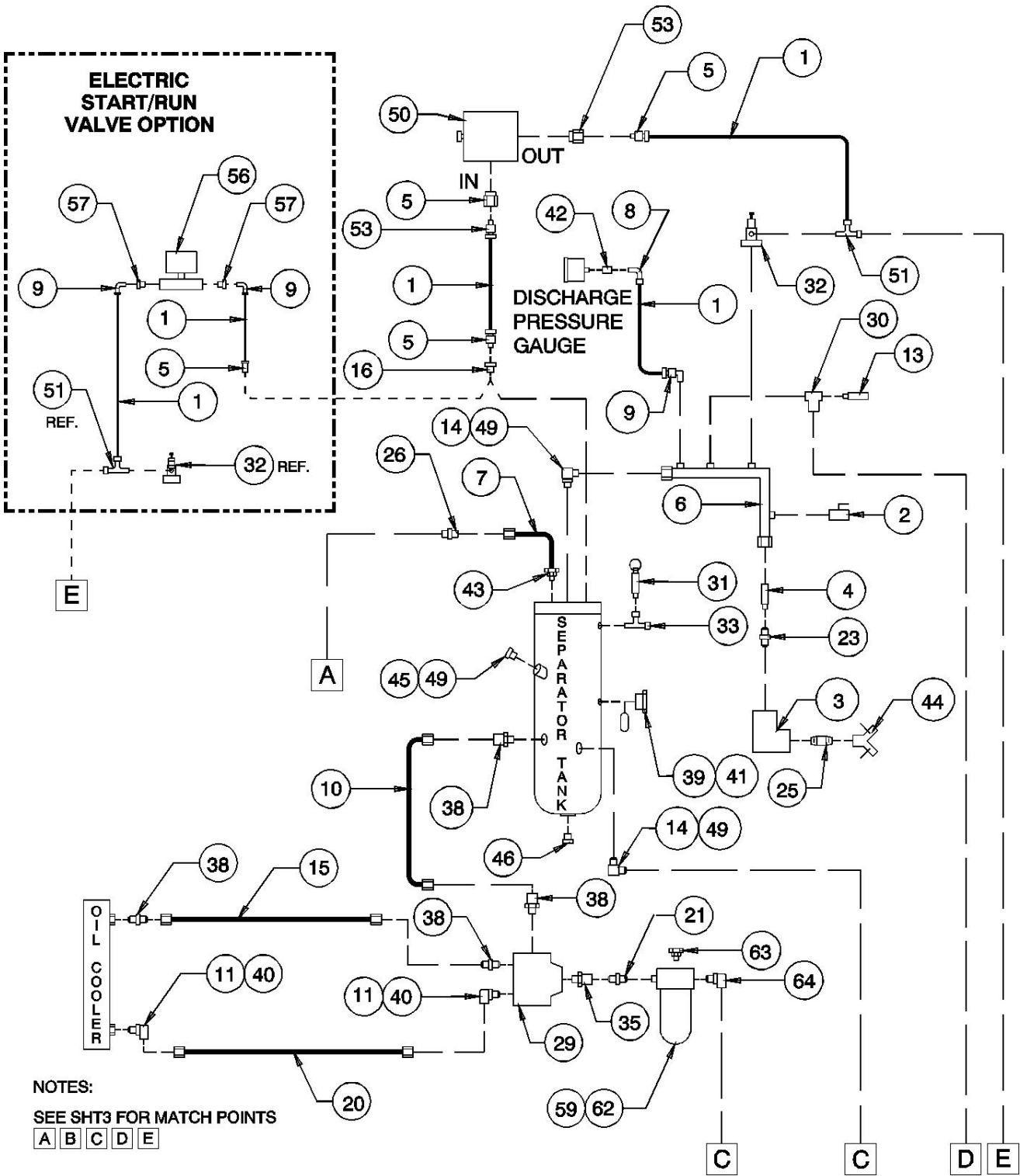
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
32	36854149	Valve, Regulator Pressure		Diaph. Repair Kit 35387919
33	95944708	Tee, Street 1/2 NPT		
35	552A10S073P	Reducer, 1.31-12 to 1.06-12		
38	95955993	Connector, 1-5/16-12		
39	36891083	Gauge Assembly, Oil Level		
40	35291384	Elbow, 90° 1-5/16 -12 Swivel Nut		
41	36891489	Rotating Pointer Assembly		
42	95935599	Coupling, Std 1/8 NPT X .75"		
43	35329309	Fitting, Lenz Tube		
44	36881076	Valve, Wye		
45	35579630	Plug, 1.62 O-Ring		
46	95280541	Plug, Hex 1.06-12		
49	35279942	O-Ring		
50	36783439	Valve, 2 Way Start-Run		
51	95954293	Cross, Straight 1/4"		
52	95667341	Nipple, 1/4" NPT X 7/8"		
53	35302314	Adapter, 9/16 X 1/4 NPT		
56	36843142	Valve, Solenoid 12 V		
57	95940748	Bushing, Reducing 3/8 NPT X 1/4 NPT		
58	95954095	Elbow, 90° 1/4" NPT		
59	95944666	Elbow, 90° Street 1/4" NPT		
60	36864684	Valve, 3-Way 1/4" NPT		
61	35359090	Valve, Pressure Regulator 150 PSI		
62	36897387	Oil Filter Assembly		
63	95938205	Plug		
64	35294750	Elbow, 90° 1-1/16 -12 X -12JIC		

AIR and OIL PIPING Begin w/ S/N 312370



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35356484	Tubing, 3/8 OD Synflex		
2	35324839	Valve, 1/4 Ball		
3	95953378	Elbow, 90° 1.25"		
4	36923928	Nozzle, .453 Sonic Orifice		
5	35369347	Connector, Male 1/4 NPT X 3/8 Tube		
6	36923580	Tube, Service		Prior to S/N 326650 Begin w/ S/N 326650
	54727383	Tube, Service		
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	36923571	Tube Assembly		
11	35280528	O-Ring		
13	36766756	Muffler, Orifice .140		
14	35279777	Elbow, 90° 1-5/8 -12		
15	36923555	Tube, Oil		
16	95928230	Plug, 1/4 NPT		
20	35132877	Hose		
21	550A10S060P	Fitting, Union		
22	35283464	Elbow, 90° 1/4 NPT X -4 JIC		
23	95219770	Adapter, 1.25-12 X 1.62-12		
24	35283258	Connector, Hose		
25	95916268	Nipple, Long 1.25" NPT X 8"		
26	36840437	Valve, Check		
29	36876787	Valve, Oil Temperature Bypass		
30	35322379	Valve, Blowdown		Diaph. Repair Kit 35379064
31	35325224	Valve, Safety		
32	36854149	Valve, Regulator Pressure		Diaph. Repair Kit 35387919

AIR and OIL PIPING Begin w/ S/N 312370



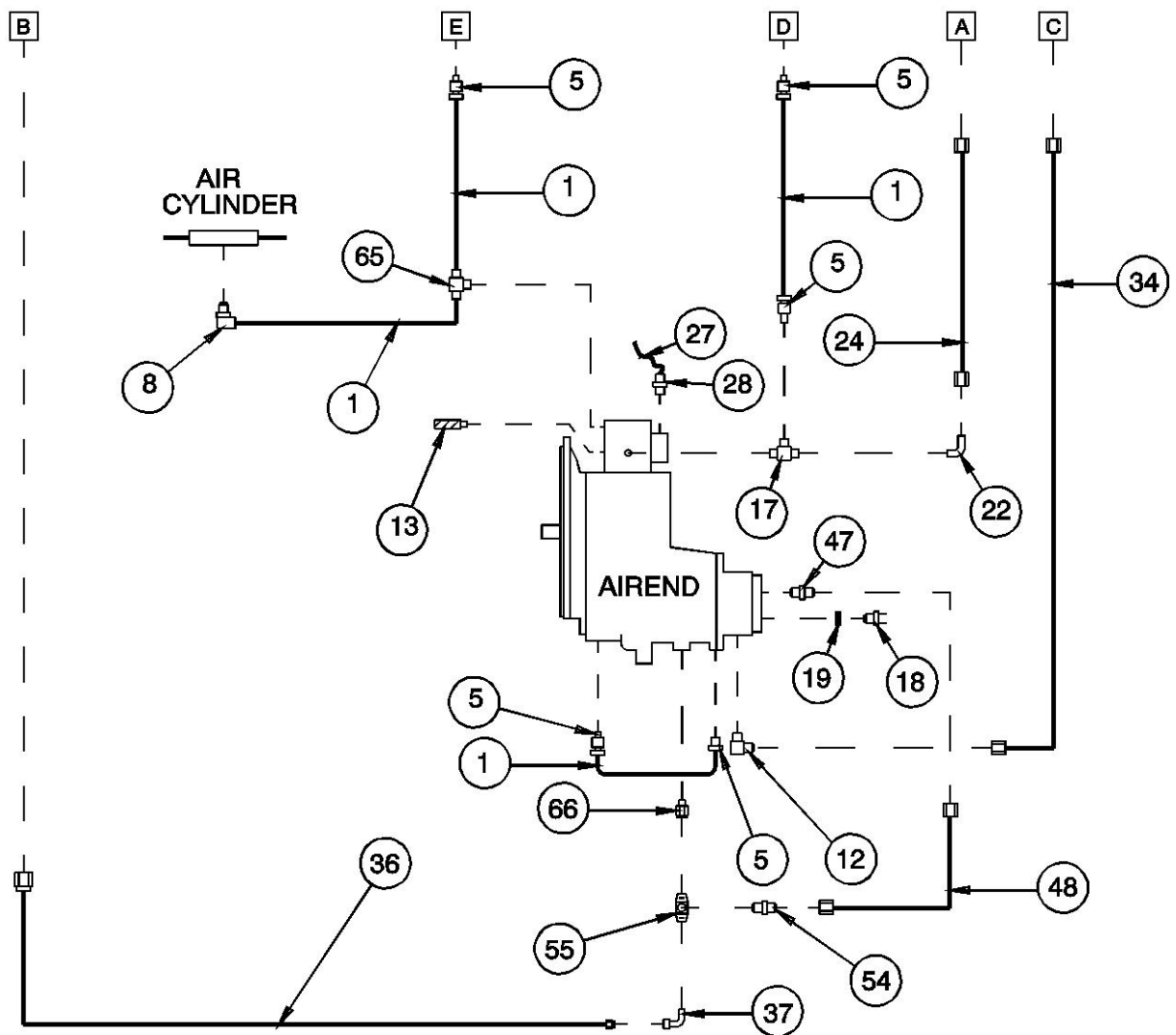
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
33	95944708	Tee, Street 1/2 NPT		
35	552A10S073P	Reducer, 1.31-12 to 1.06-12		
38	95955993	Connector, 1-5/16-12		
39	36891083	Gauge Assembly, Oil Level		
40	35291384	Elbow, 90° 1-5/16 -12 Swivel Nut		
41	36891489	Rotating Pointer Assembly		
42	95935599	Coupling, Std 1/8 NPT X .75"		
43	35329309	Fitting, Lenz Tube		
44	36881076	Valve, Wye		
45	35579630	Plug, 1.62 O-Ring		
46	95280541	Plug, Hex 1.06-12		
49	35279942	O-Ring		
50	36783439	Valve, 2 Way Start-Run		
51	35369503	Tee, Male Run 1/4 NPT X 3/8 Tube		
53	35302314	Adapter, 9/16 X 1/4 NPT		
56	36843142	Valve, Solenoid 12 V		
57	95940748	Bushing, Reducing 3/8 NPT X 1/4 NPT		
59	36897353	Element, Oil Filter		
62	36897387	Oil Filter Assembly		
63	95938205	Plug		
64	35294750	Elbow, 90° 1-1/16 -12 X -12JIC		

AIR and OIL A/E PIPING

NOTES:

SEE PREVIOUS & NEXT PAGES FOR MATCH POINTS

A B C D E



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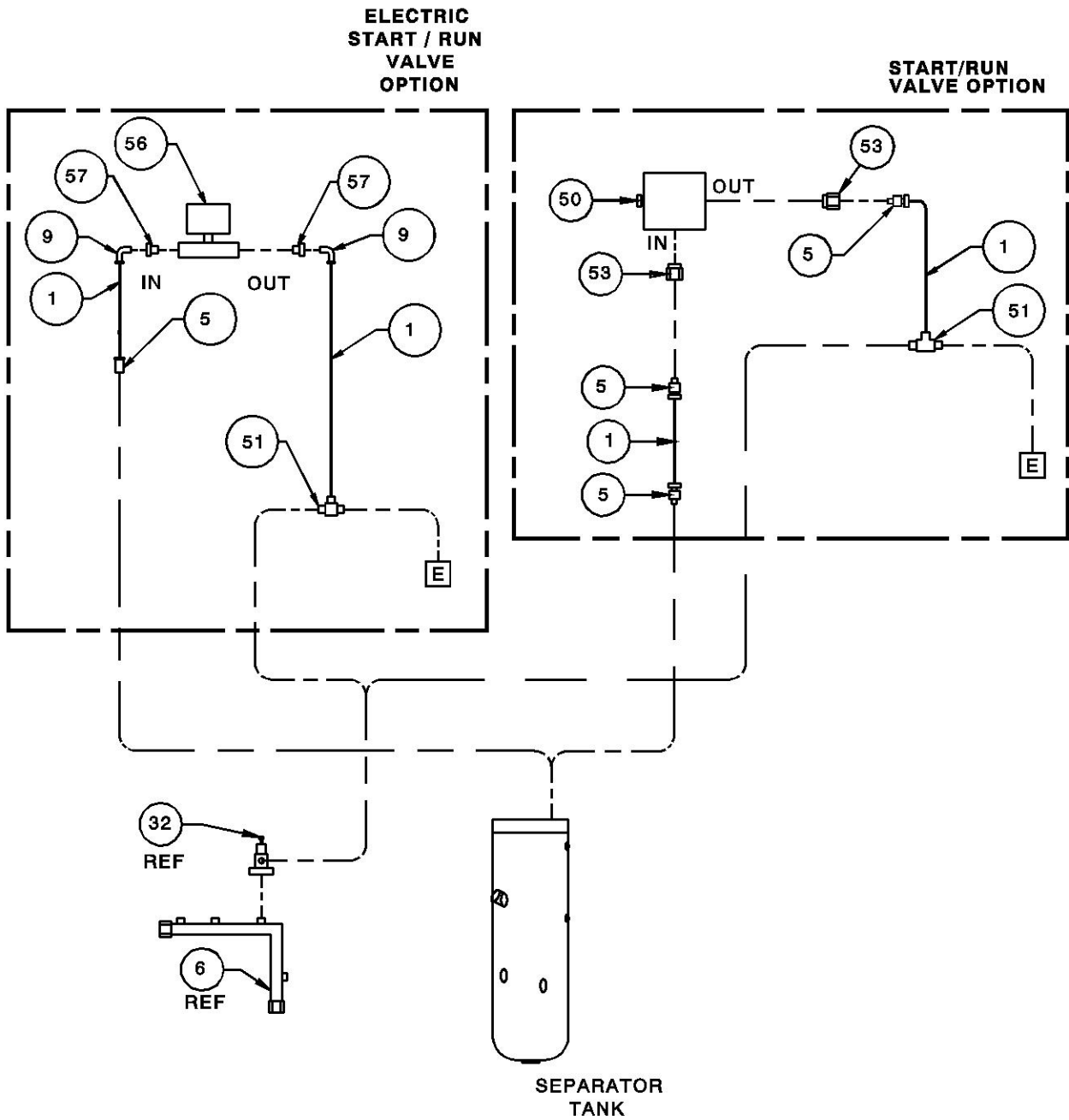
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35356484	Tubing, 3/8 OD Synflex		
5	35369347	Connector, Male 1/4 NPT X 3/8 Tube		
8	35370386	Elbow, 90° 1/8 NPT X 3/8 Tube		
12	95431292	Elbow, 90° 1-7/8 -12		
13	36766756	Muffler, Orifice .140		
17	35114545	Tee, Street 1/4 NPT		
18	54764964	Switch, Discharge Air Temperature		
19	39404165	O-Ring		
27	35282292	Tubing, Tygon		
28	35316587	Adapter, Barbed 1/8"		
34	35246438	Hose Assembly		
36	35323864	Hose Assembly		
37	35301506	Elbow, 90° Swivel Nu		
47	95989695	Adapter, 1/2-20 O-Ring		
48	93481570	Tube Assembly		
54	96739701	Adapter, M12-1.5 X 1/2-20		
55	93481562	Manifold, -12 JIC X -12 JIC		
65	36840437	Valve, Check		
66	96739693	Adapter, M26-1.5 X -12 JIC		

AIR and OIL OPTION PIPING

NOTES:

SEE PREVIOUS (2) PAGES FOR MATCH POINTS

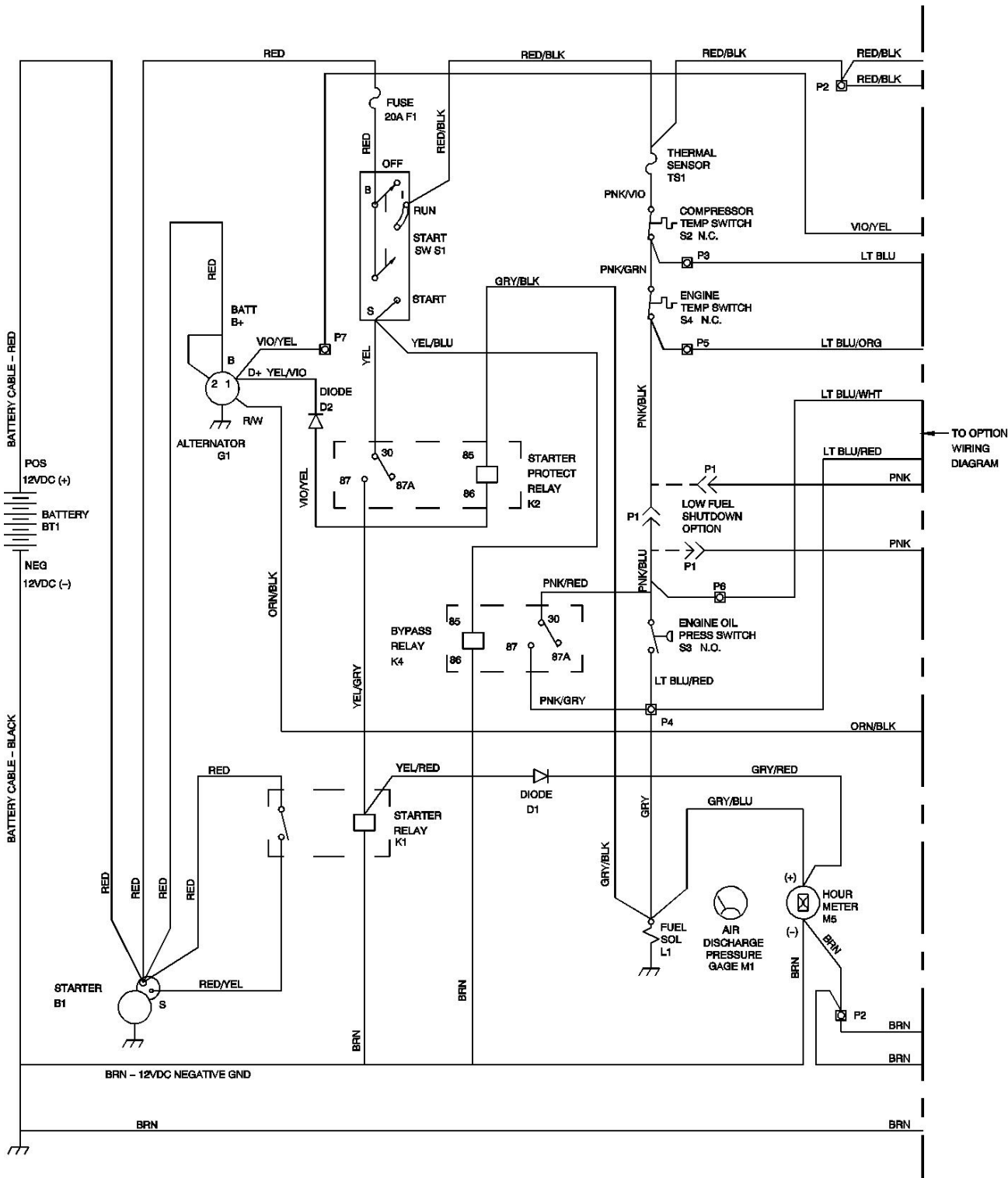
A B C D E



22478382_25_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35356484	Tubing, 3/8 OD Synflex		Diaph. Repair Kit 35387919
5	35369347	Connector, Male 1/4 NPT X 3/8 Tube		
6	54727383	Tube, Service		
9	35369354	Elbow, 90° 1/4 NPT X 3/8 Tube		
32	36854149	Valve, Regulator Pressure		
50	36783439	Valve, 2 Way Start-Run		
51	35369503	Tee, Male Run 1/4 NPT X 3/8 Tube		
53	35302314	Adapter, 9/16 X 1/4 NPT		
56	36843142	Valve, Solenoid 12 V		
57	95940748	Bushing, Reducing 3/8 NPT X 1/4 NPT		

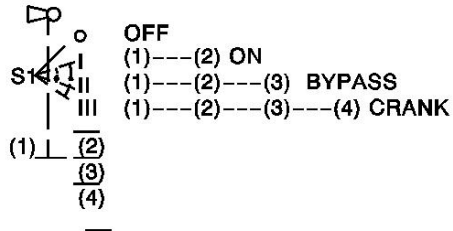
WIRING DIAGRAM Prior to S/N 316571



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
B1	~	Starter		Furnished w/ Engine
BT1	36844975	Battery		
D1	35376169	Diode		
D2	35376169	Diode		
F1	36792083	Fuse, 20 A		
G1	~	Alternator		Furnished w/ Engine
K1	36856250	Relay, 100 AMP		
K2	54368048	Relay		
K4	54368048	Relay		
L1	~	Solenoid, Fuel		Furnished w/ Engine
M1	36879898	Gauge, 150 PSI Pressure		
M5	36879880	Hourmeter		
S1	36884211	Switch, Ignition		
S2	35596436	Switch, Temperature		A/E
S3	36878379	Switch, Pressure		Engine Oil
S4	36893055	Switch, Temperature		Engine
TS1	36865756	Sensor, Thermal		
W1	36884682	Harness, Chassis		

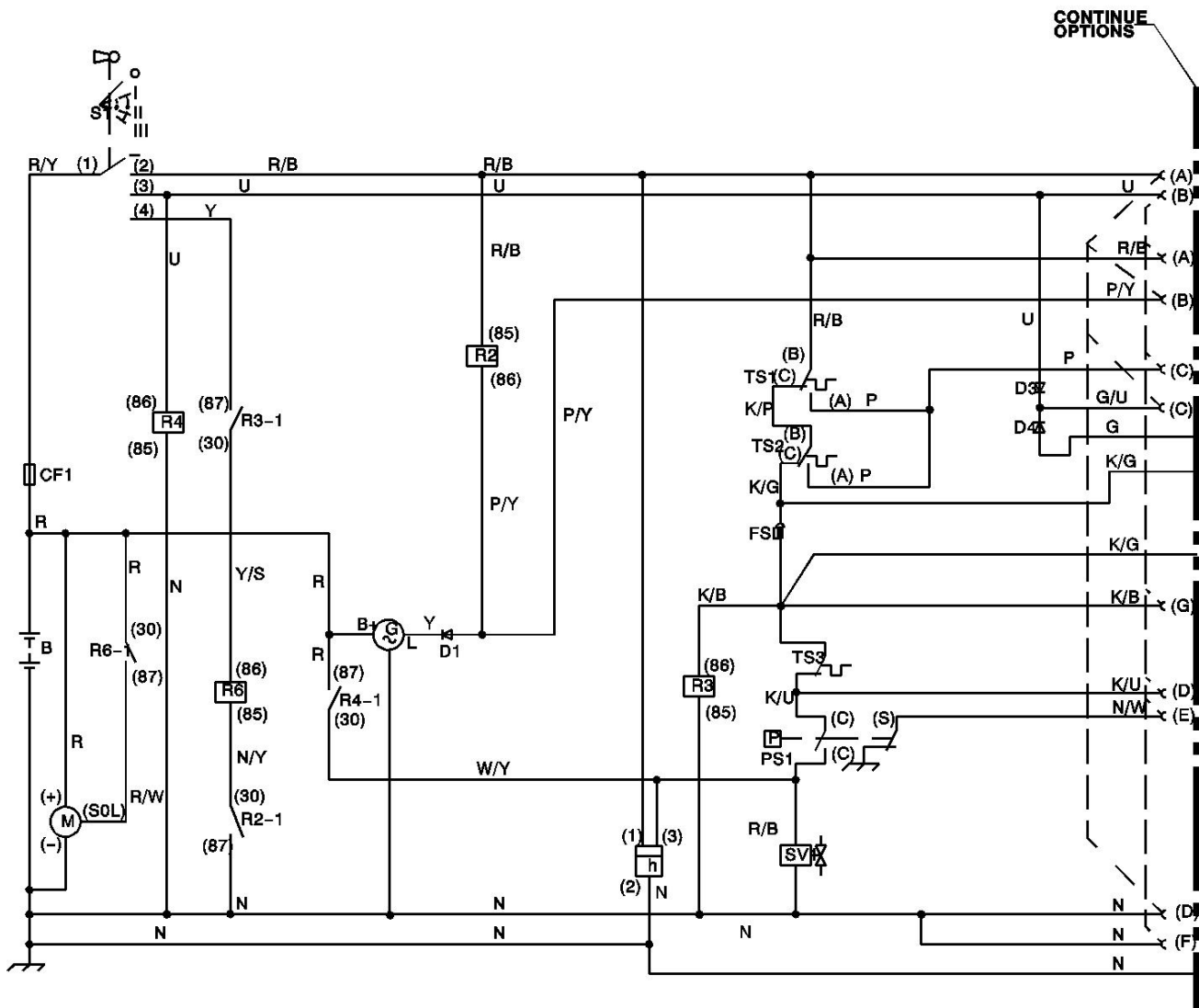
WIRING DIAGRAM Begin w/ S/N 316571

S1 KEYSWITCH OPERATION SEQUENCE



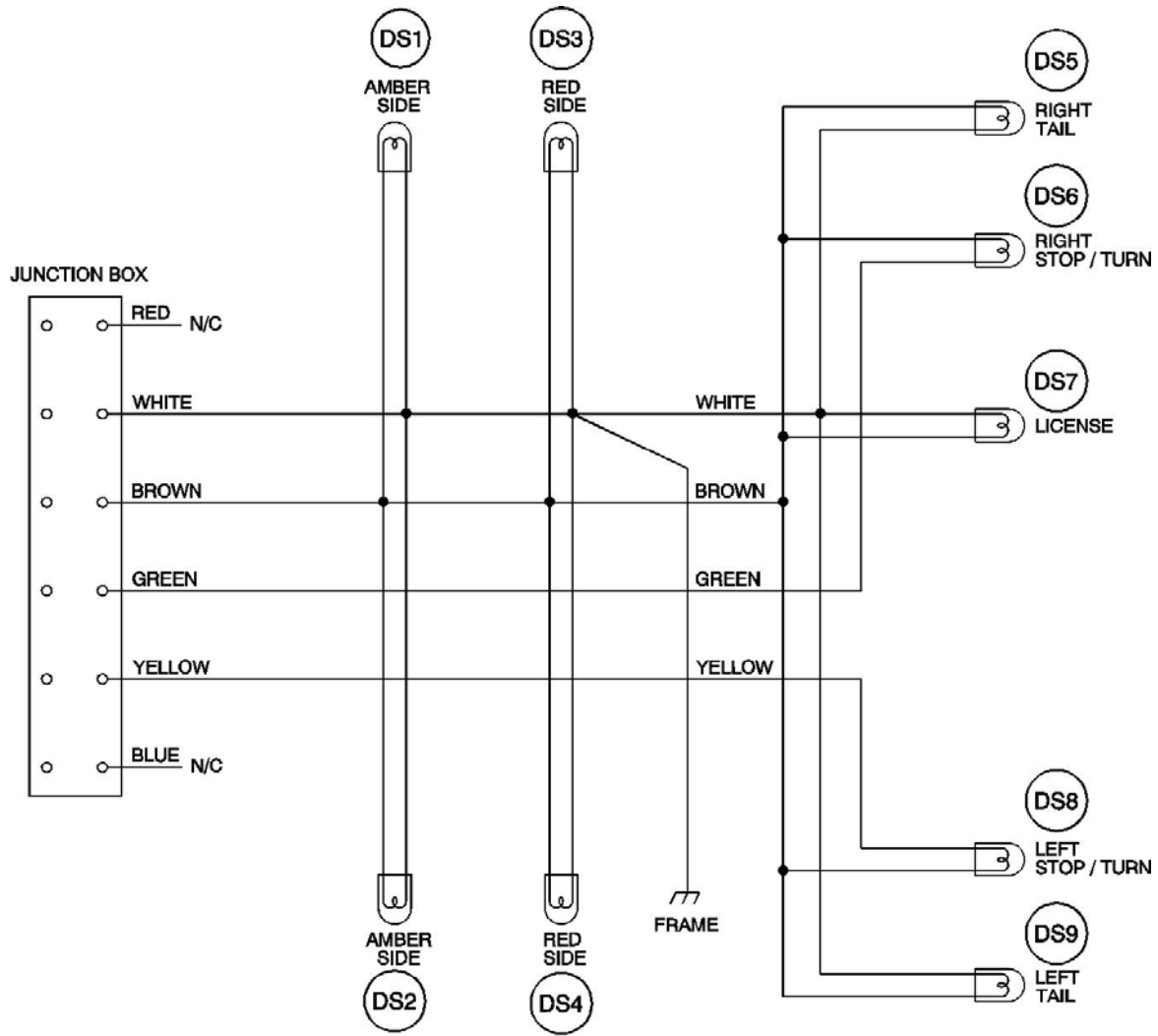
ITEM	B	U	N	G	S	LG	O	K	P	R	W	Y
COLOR	BLK	BLU	BRN	GRN	GRY	LT GRN	ORG	PNK	PUR	RED	WHY	YEL

DASHED LINES INDICATE COMMON CONNECTIONS/CONNECTORS

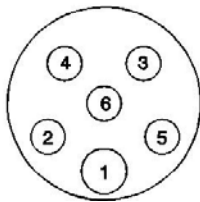


ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
B	36844264	Battery		
CF1	36792083	Fuse, 20 A		
D1	35376169	Diode		
D3	35376169	Diode		
D4	35376169	Diode		
G	36125334	Alternator		
H	54766704	Hourmeter		Prior to S/N 340369
	22054175	Hourmeter, Electro/Mechanical		Begin w/ S/N 340369
M	36120649	Starter		
PS1	54757935	Switch, Engine Oil Pressure		
R2	54368048	Relay		
R3	54368048	Relay		
R4	54368048	Relay		
R6	54368048	Relay		
S1	36125409	Switch, Ignition		
SV	36125409	Solenoid, Fuel		
TS1	54764964	Switch, A/E High Temperature		
TS2	54764956	Switch, Discharge High Temperature		
TS3	36880706	Switch, Engine High Temperature		
W1	22060313	Harness, Chassis		

TRAILER WIRING DIAGRAM



PLUG / SOCKET WIRING CONNECTIONS



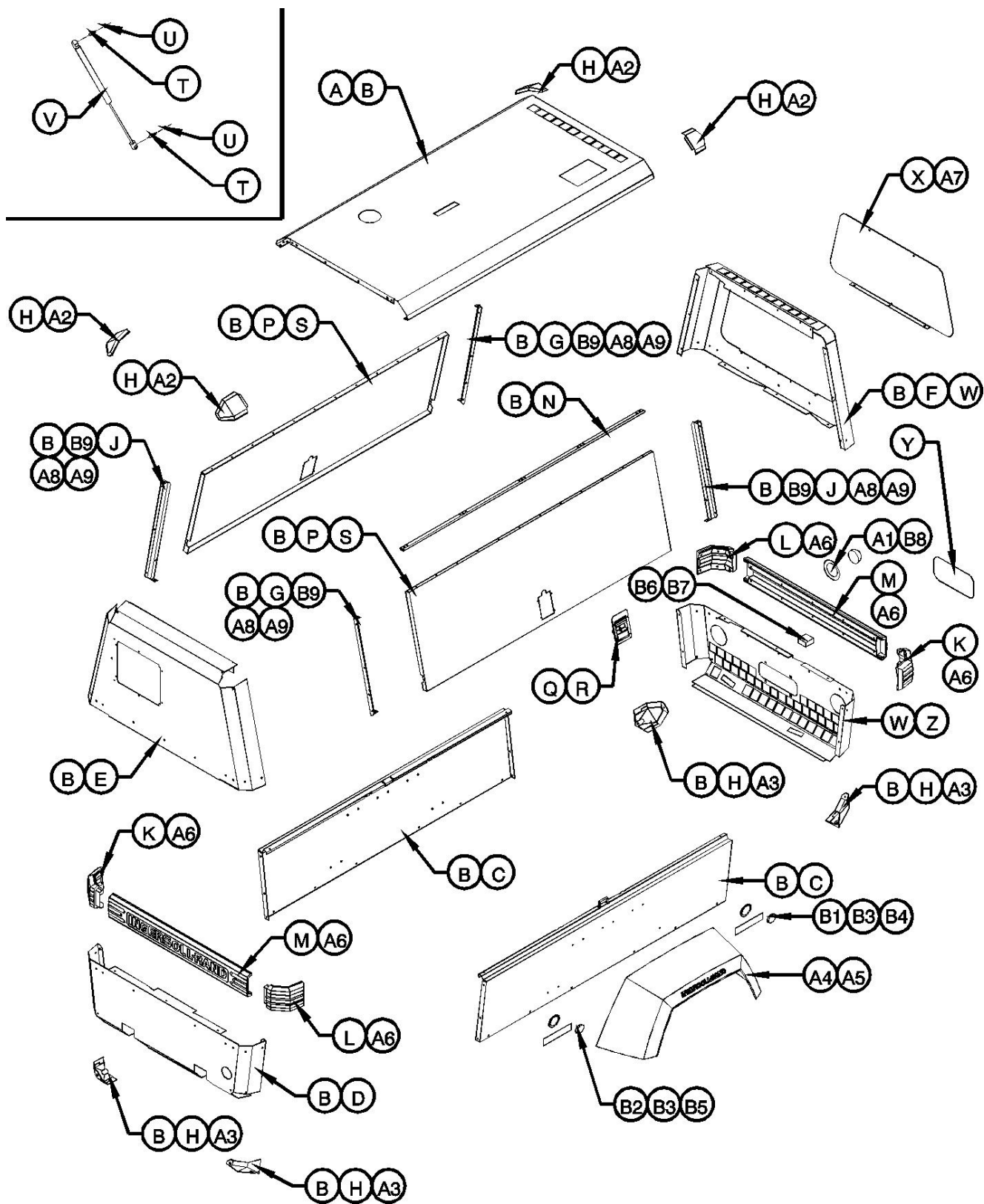
- 1 WHITE - GROUND
- 2 YELLOW - LEFT STOP/TURN SIGNAL
- 3
- 4 GREEN - RIGHT STOP/TURN SIGNAL
- 5 BROWN - TAIL / CLEARANCE LIGHTS
- 6 BLUE - ELECTRIC BRAKES

22478382_27_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
DS1	35367051	Light, Yellow Clearance		
DS2	35367051	Light, Yellow Clearance		
DS3	35367044	Light, Red Clearance		
DS4	35367044	Light, Red Clearance		
DS5	36788081	Light, Tail		
DS6	36788081	Light, Tail		
DS7	54726468	Light, License		
DS8	36788081	Light, Tail		
DS9	36788081	Light, Tail		
W2	36789261	Harness, 6 Conductor Cable		

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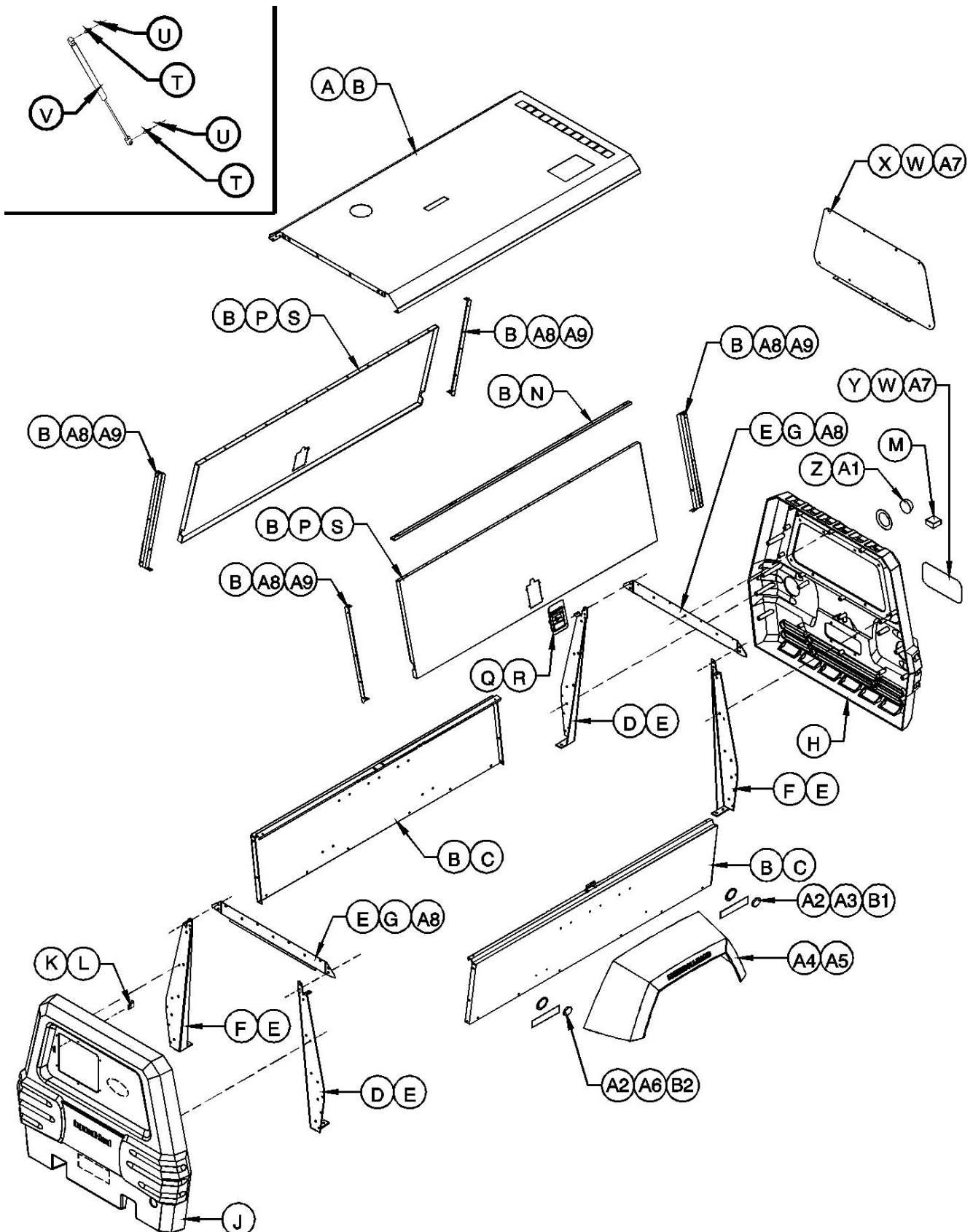
ENCLOSURE Prior to S/N 323157



22478382_28a_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54402904	Panel, Roof	1	
B	36797652	Screw, Tapping M06-1.0 X 12	68	
C	36894194	Panel, Side	2	
D	36889517	Cap, Front Bottom End	1	
E	36881779	Cap, Front Top End	1	
F	36881795	Cap, Rear Top End	1	
G	54375357	Stiffner, Curbside	2	
H	36877587	Rivet, 3/16 Aluminum		
J	54375340	Stiffner, Streetside	2	
K	36880953	Bumper, End Front Curb / Rear Street	2	
L	36880961	Bumper, End Front Street / Rear Curb	2	
M	36880979	Bumper, Center	2	
N	36883437	Hinge, Door	2	
P	36889509	Door	2	
Q	36793602	Latch, Slam Door	2	
R	36794816	Rivet, 3/16 SS	8	
S	36865293	Bumper, Rubber	4	
T	35337328	Stud, Ball M08	8	
U	36881886	Nut, Hex Flange M08-1.25	8	
V	35600287	Spring, Gas	4	
W	36794774	Grommet, Screw	12	
X	36883445	Cover, Cooler access	1	
Y	36883452	Cover, Cooler access	1	
Z	36894202	Cap, Rear Bottom End	1	
A1	36787968	Grommet, Tail Light	2	
A2	36881662	Cap, Top Corner	4	
A3	36881670	Cap, Bottom Corner	4	
A4	36877579	Fender	2	
A5	92368687	Screw, Tapping M06-1.0 X 14	10	
A6	36884419	Rivet, Aluminum Bulb	22	
A7	36885085	Screw, Tapping 1/4-10 X .75"	12	
A8	35279025	Screw, Tapping M08-1.25 X 20	12	
A9	36889558	Stop, Door	4	
B1	36894608	Reflector, Red	2	
B2	36894616	Reflector, Amber	2	
B3	36893634	Grommet, Clearance Light	4	
B4	35367044	Light, Red Clearance	2	
B5	35367051	Light, Yellow Clearance	2	
B6	36895860	Light, License	1	
B7	36782837	Screw, Hex Sheet Metal #10 X 1"	2	
B8	36788081	Light, Tail	2	
B9	36920486	Rivet, 3/16 SS	16	

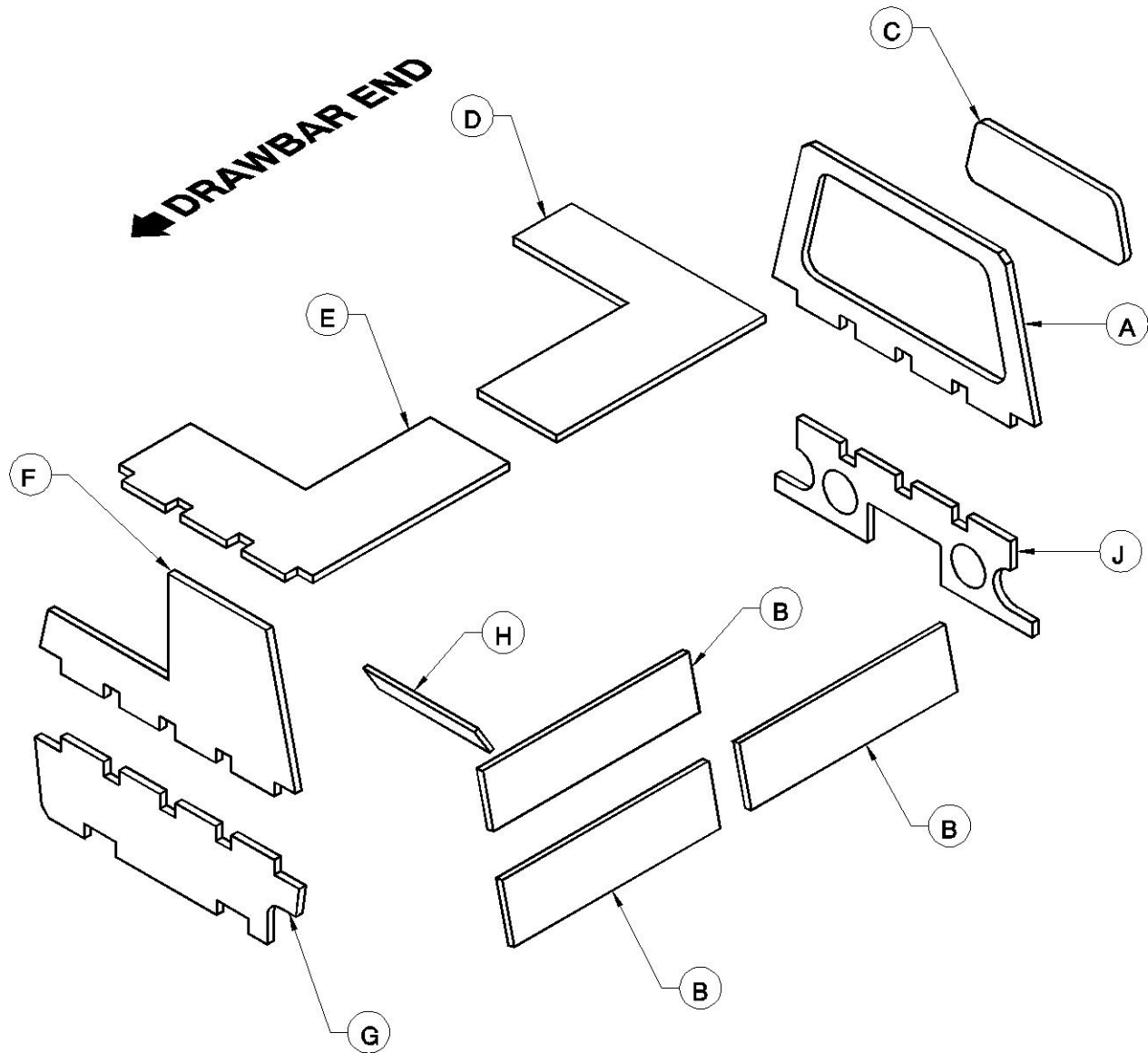
ENCLOSURE Begin w/ S/N 323157



22478382_28b_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54389598	Panel, Roof	1	Galvanneal
	54529458	Panel, Roof	1	
B	36797652	Screw, Tapping M06-1.0 X 12	59	
C	36894194	Panel, Side	2	Galvanneal
	54529433	Panel, Side	2	
D	54631783	Stiffner, Plastic End Cap	2	
E	54721238	Screw, 11/32" hi-Lo	22	
F	54634775	Stiffner, Plastic End Cap	2	
G	54602719	Crossmember, End Cap	2	
H	54473525	Endcap, Rear	1	Standard Paint
	54729140	Endcap, Rear	1	Special Paint
J	54473517	Endcap, Front	1	Standard Paint
	54729132	Endcap, Front	1	Special Paint
K	54482518	Latch, Plastic Endcap	1	Standard Paint
	54729181	Latch, Plastic Endcap	1	Special Paint
L	54721212	Rivet, 3/16 Aluminum	2	
M	54726468	Light, License	1	
N	36883437	Hinge, Door	2	
P	36889509	Door	2	
	54529375	Door	2	Galvanneal
Q	36793602	Latch, Slam Door	2	
R	36794816	Rivet, 3/16 SS	8	
S	36865293	Bumper, Rubber	4	
T	35337328	Stud, Ball M08	8	
U	36881886	Nut, Hex Flange M08-1.25	8	
V	35600287	Spring, Gas	4	
W	36794774	Grommet, Screw	12	
X	36883445	Cover, Cooler access	1	
	54529326	Cover, Cooler access	1	Galvanneal
Y	36883452	Cover, Cooler access	1	
	54529334	Cover, Cooler access	1	Galvanneal
Z	36788081	Light, Tail	2	
A1	36787968	Grommet, Tail Light	2	
A2	36893634	Grommet, Clearance Light	4	
A3	35367044	Light, Red Clearance	2	
A4	36877579	Fender	2	
A5	92368687	Screw, Tapping M06-1.0 X 14	10	
A6	35367051	Light, Yellow Clearance	2	
A7	36885085	Screw, Tapping 1/4-10 X .75"	12	
A8	35279025	Screw, Tapping M08-1.25 X 20	24	
A9	36889558	Stop, Door	4	
	54529417	Stop, Door	4	Galvanneal
B1	36894608	Reflector, Red	2	
B2	36894616	Reflector, Amber	2	

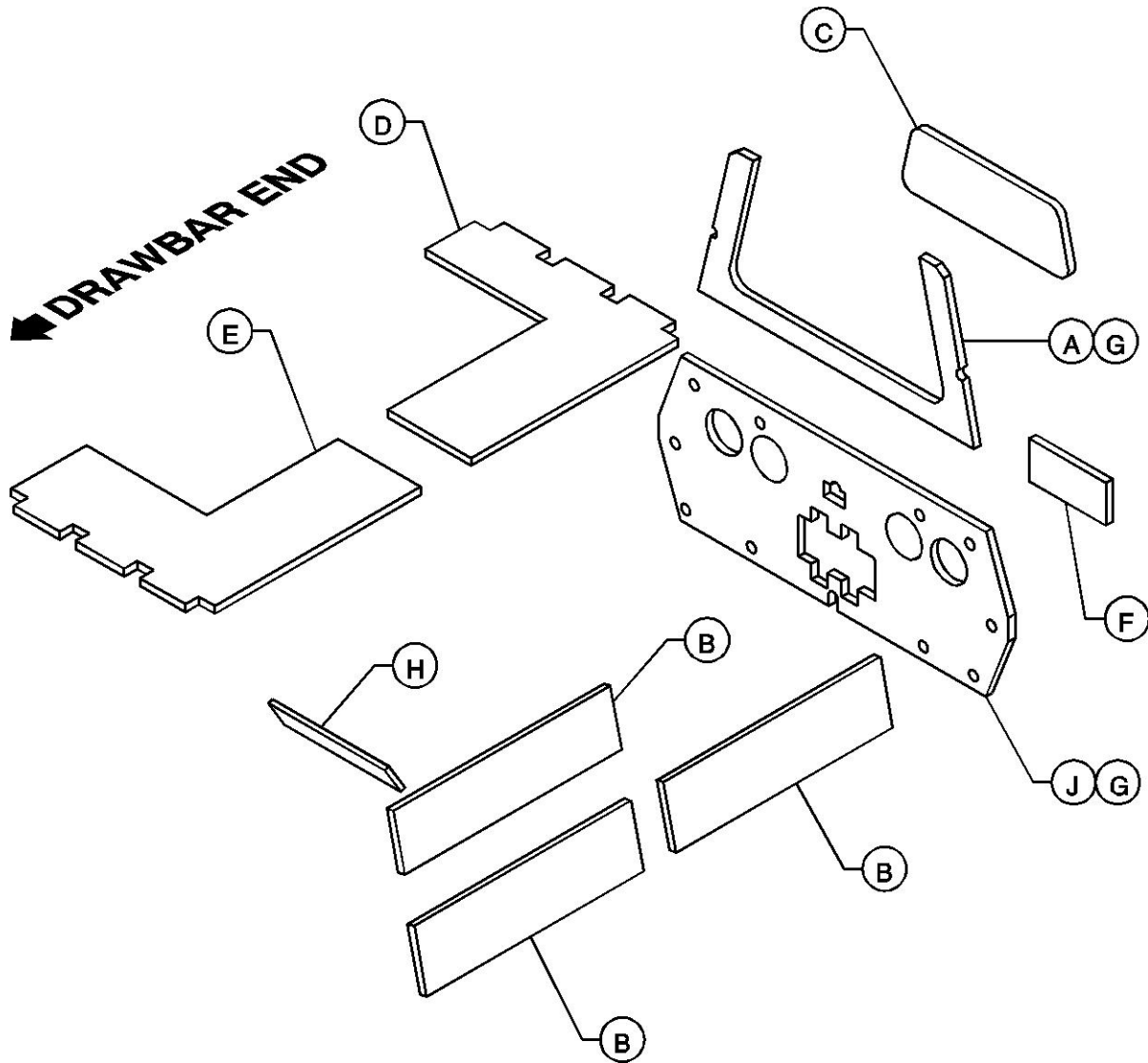
FOAM INSULATION Prior to S/N 323157



22478382_29a_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36883700	Panel, Rear End ACST	1	
B	54413067	Panel, Side Door ACST	2	
C	36883718	Panel, Access Door ACST	1	
D	54413075	Panel, Rear Roof ACST	1	
E	54413083	Panel, Front Roof ACST	1	
F	36883726	Panel, Bottom Front End ACST	1	
G	36886166	Panel, Inlet Baffle ACST	1	
H	36886125	Panel, Bottom Rear End ACST	1	

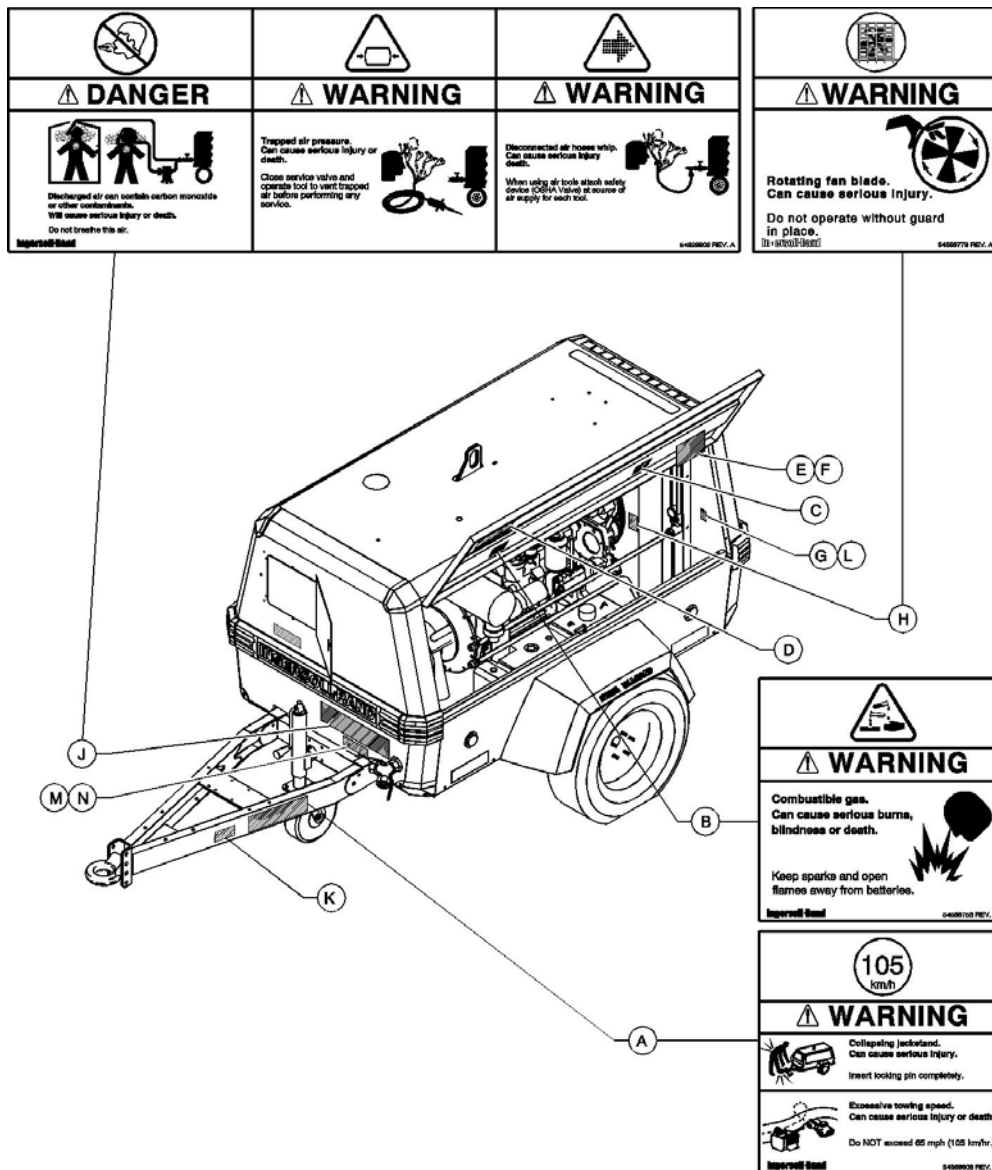
FOAM INSULATION Begin w/ S/N 323157



22478382_29b_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54698089	Panel, Rear End ACST	1	
B	36883742	Panel, Side Door ACST	6	
C	54389879	Panel, Access Door ACST	1	
D	54389887	Panel, Rear Roof ACST	1	
E	36883767	Panel, Front Roof ACST	1	
F	54698105	Panel, Access Door ACST	1	
G	54724125	Clip, Xmas Tree	15	
H	36886166	Panel, Inlet Baffle ACST	1	
J	54698097	Panel, Bottom Rear End ACST	1	

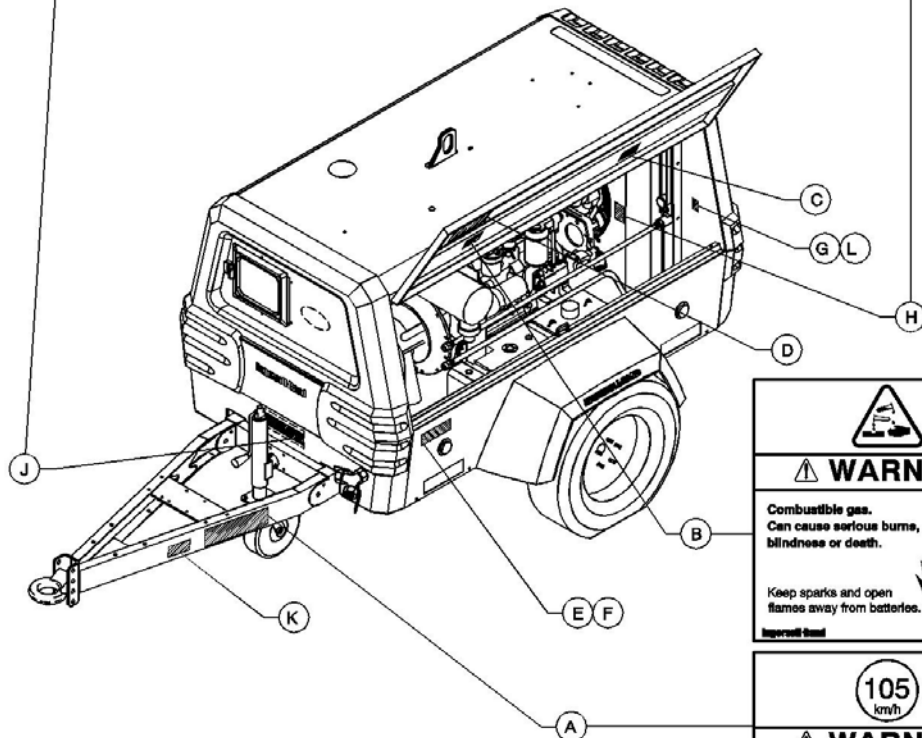
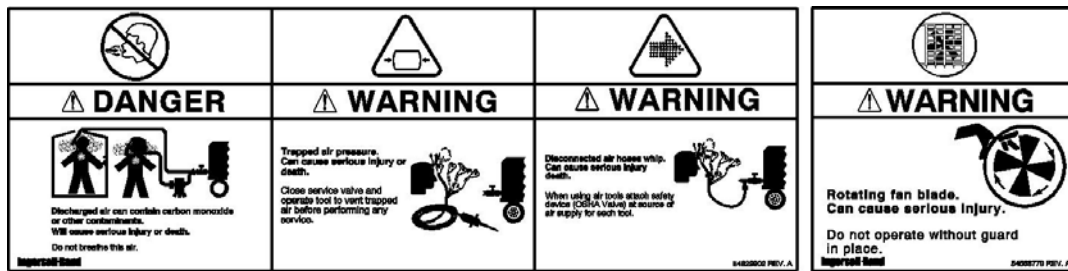
STREET SIDE DECAL LOCATION Prior to S/N 323157



22478382_30b_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54568803	2-Part Drawbar Warning		
B	54568753	Battery Gas Warning		
C	54625207	Diesel Fuel		
D	54465174	Wiring Diagram		
E	36522290	Safety Card		
F	36847861	Cable Tie		
G	36523306	Serial Number Plate		
H	54568779	Rotating Fan Warning		
J	54629902	3-Part Danger/Warning		
K	54604921	Tow Chains Notice		
L	36794816	Rivet, 3/16 SS		
M	36531176	V.I.N.		
N	36533081	V.I.N. Overlay		

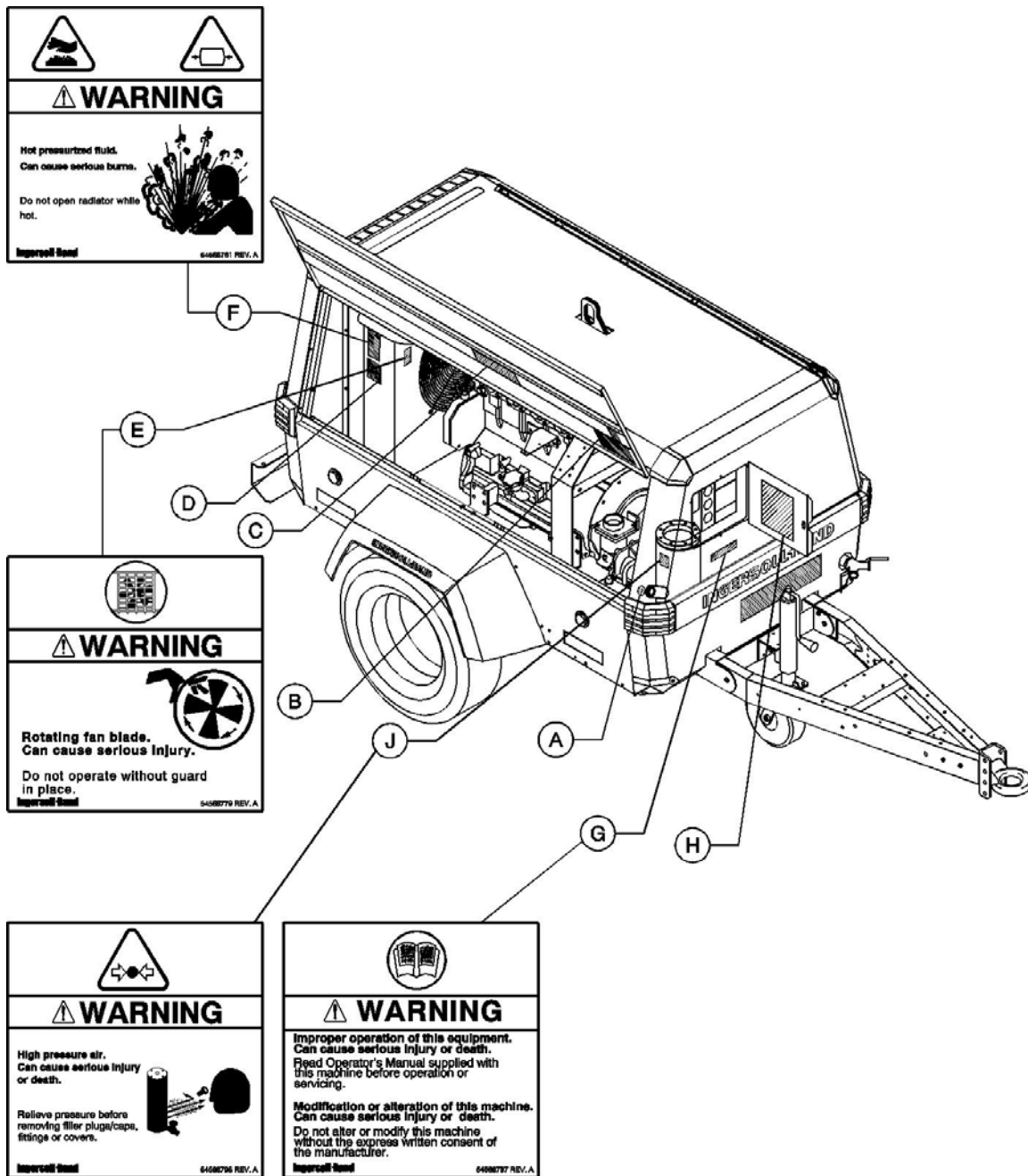
STREET SIDE DECAL LOCATION Begin w/ S/N 323157



22478382_30c_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54568803	2-Part Drawbar Warning		
B	54568753	Battery Gas Warning		
C	54625207	Diesel Fuel		
D	22103832	Wiring Diagram		
E	36531176	V.I.N.		
F	36533081	V.I.N. Overlay		
G	36523306	Serial Number Plate		
H	54568779	Rotating Fan Warning		
J	54629902	3-Part Danger/Warning		
K	54604921	Tow Chains Notice		
L	36794816	Rivet, 3/16 SS		

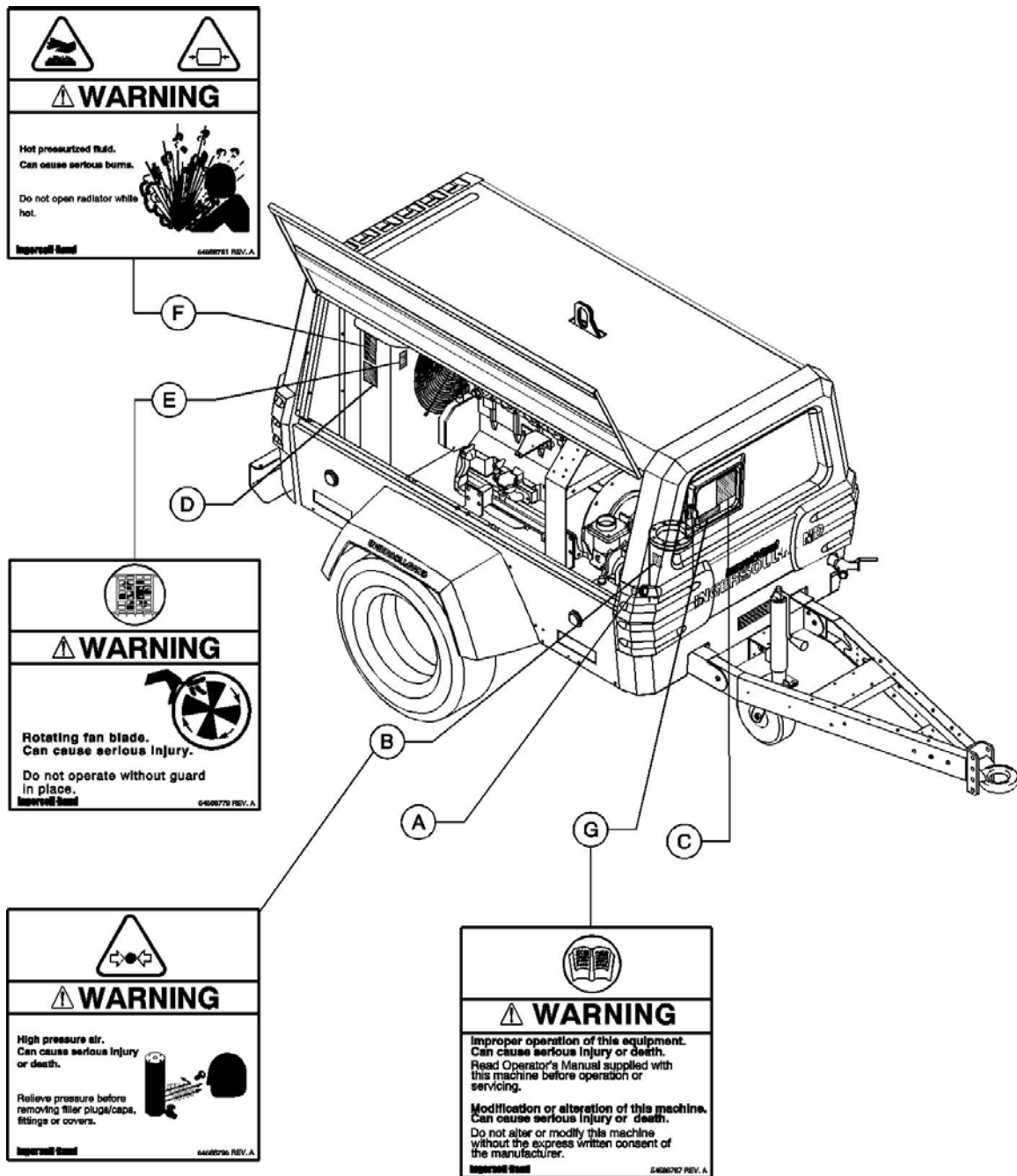
CURB SIDE DECAL LOCATION Prior to S/N 323157



22478382_31b_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54604970	Oil Fill		
B	54465166	General Data		
C	36529394	Speed/Pressure Regulation		
D	54604962	Radiator Fill		
E	54568779	Rotating Fan Warning		
F	54568761	Hot Pressurized Fluid Warning		
G	54568787	Improper Operation		
H	36879054	Operating Instructions		
J	54568795	High Pressure Air		

CURB SIDE DECAL LOCATION Begin w/ S/N 323157



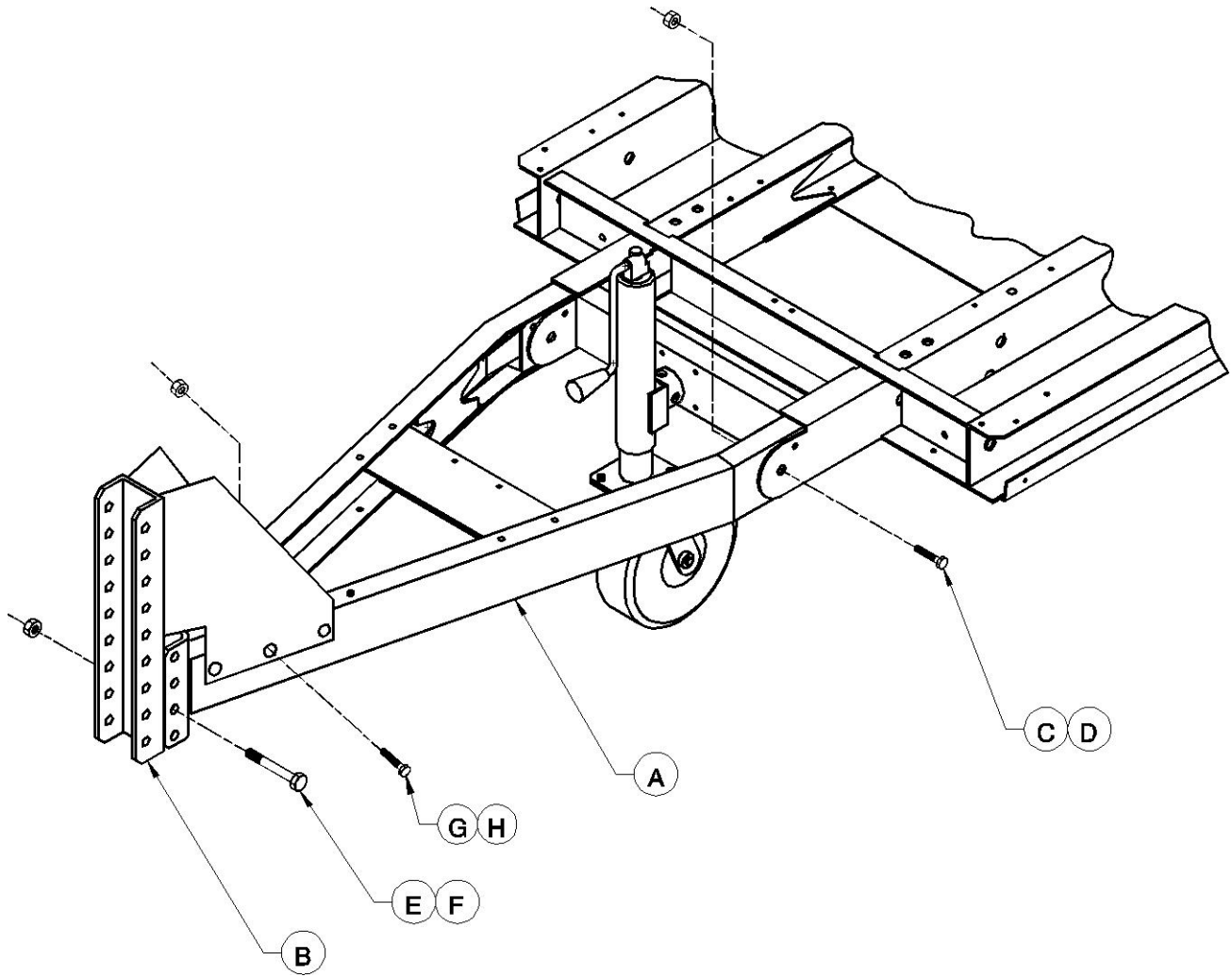
22478382_31c_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54568753	Battery Gas Warning		
B	54568795	High Pressure Air		
C	22099311	Operating Instructions		
D	54604962	Radiator Fill		
E	54568779	Rotating Fan Warning		
F	54568761	Hot Pressurized Fluid Warning		
G	54568787	Improper Operation		

Section C - OPTION PARTS



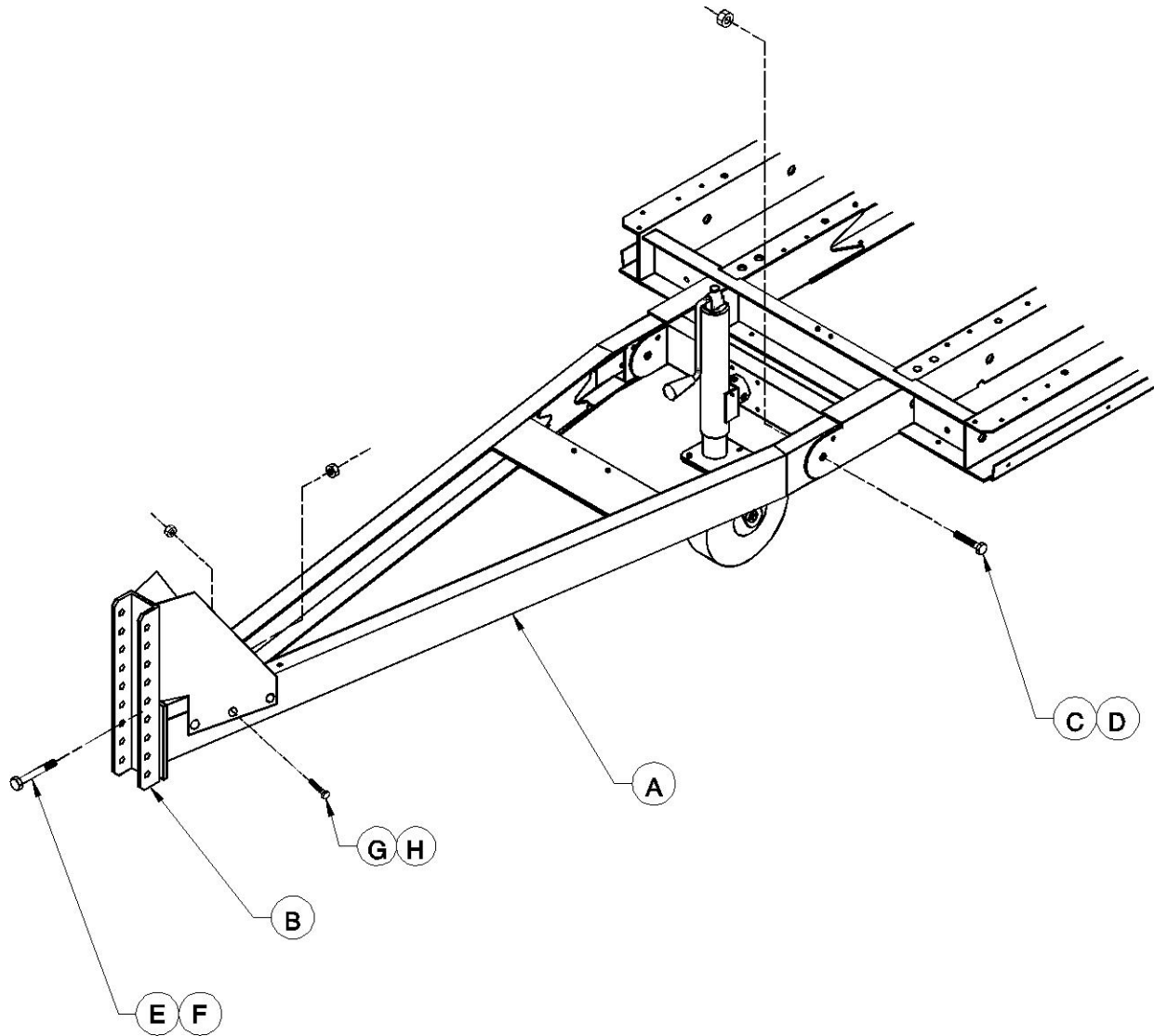
ADJUSTABLE HEIGHT DRAWBAR



22478382_op14_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36886364	Drawbar	1	
B	36882660	Lunette, Adjustable Height	1	
C	35290113	Screw, Hex M16-2.0 X 75	2	
D	96704630	Nut, Nyloc M16	2	
E	35376094	Screw, Hex M16-2.0 X 12	2	
F	96701750	Nut, Hex M16	2	
G	36879492	Screw, Hex Flange M12-1.75 X 25	6	
H	36879203	Nut, Hex Flange M12	6	

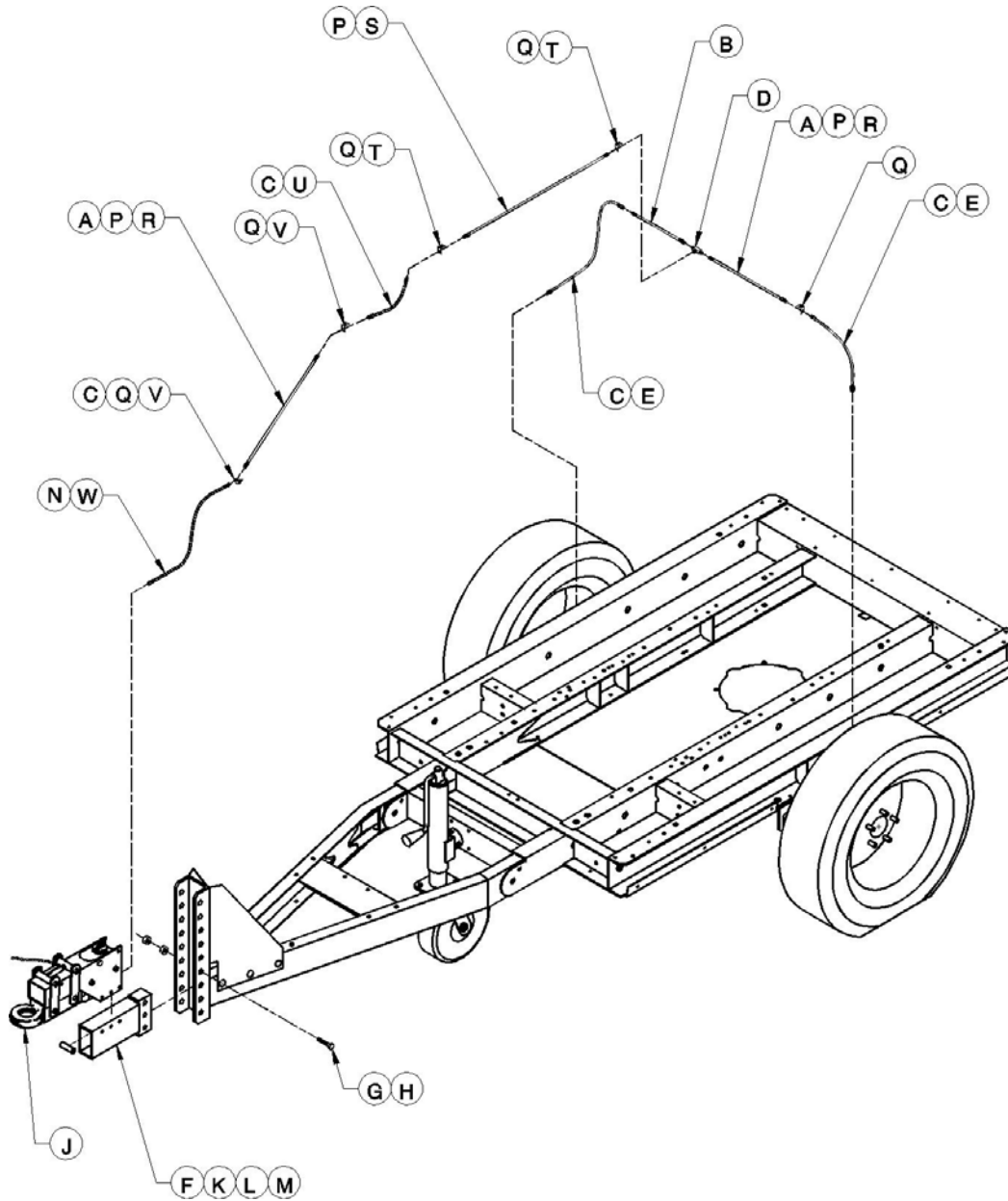
ADJUSTABLE / EXTENDED HEIGHT DRAWBAR



22478382_op16_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22125033	Drawbar	1	
B	36882652	Lunette, Adjustable Height	1	
C	35290113	Screw, Hex M16-2.0 X 75	2	
D	96704630	Nut, Nyloc M16	2	
E	39179072	Screw, Hex M16-2.0 X 50	4	
F	36879211	Nut, Hex Flange M16	4	
G	36879492	Screw, Hex Flange M12-1.75 X 25	6	
H	36879203	Nut, Hex Flange M12	6	

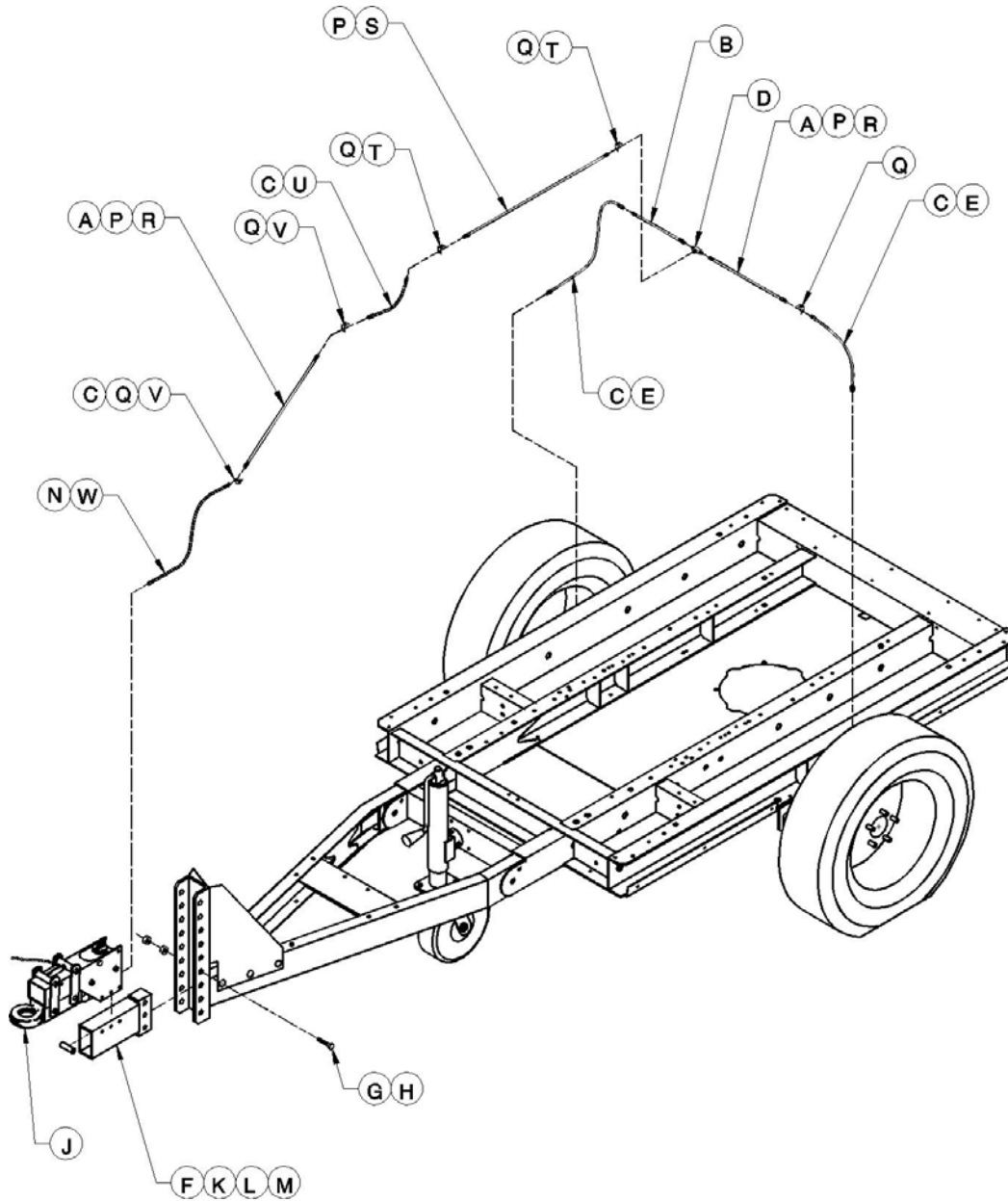
ADJ. HEIGHT DRAWBAR HYD. BRAKE



22478382_op06_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35356401	Hose, Brake 3/16 X 40"	2	<i>Continued</i>
B	36881290	Hose, Brake 3/8 X 12"	1	
C	35356302	Clamp, Hose	5	
D	35356328	Tee, 3/16 Inverted	1	
E	35356369	Hose, Brake 3/8 X 13"	2	
F	36758647	Support, Hydraulic Actuator	1	
G	35379094	Screw, Hex M16 X 200	3	
H	96701750	Nut, Hex M16	6	
J	35316611	Actuator, Hydraulic Brake	1	
K	35333673	Spacer, Hydraulic Drawbar	3	

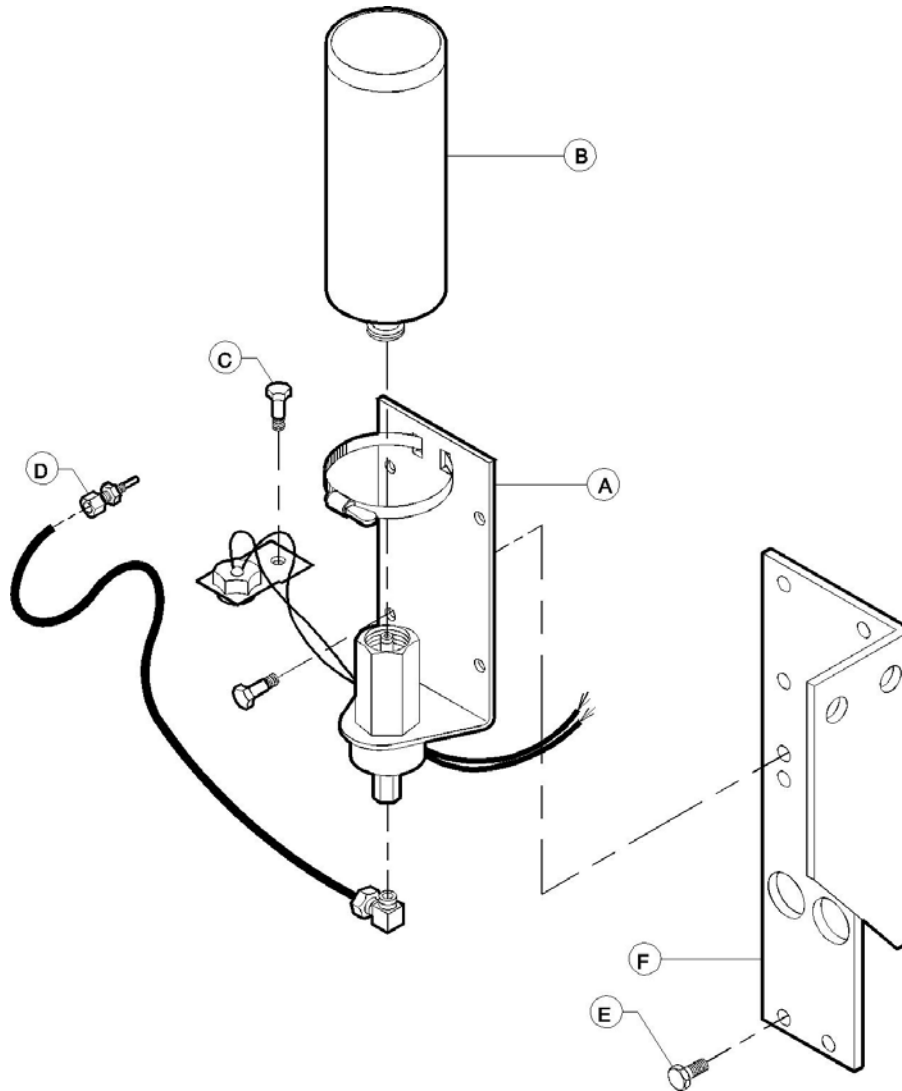
ADJ. HEIGHT DRAWBAR HYD. BRAKE *continued*



22478382_op06_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	95935169	Screw, Hex 1/2-13 X 4	3	
M	95923348	Nut, Nyloc 1/2-13	3	
N	35605310	Tubing, 3/16 X 18.88"	1	
P	37001252	Clamp, Support	3	
Q	35356310	Bracket, Hose Mounting	5	
R	35300771	Screw, Tapping M06-1.0 X 20	2	
S	36881274	Hose, Brake 3/16 X 50"	1	
T	92368687	Screw, Tapping M06-1.0 X 14	2	
U	36881399	Hose, Brake 3/16 X 24"	1	
V	35279025	Screw, Tapping M08-1.25 X 20	2	
W	35315746	Adapter	1	

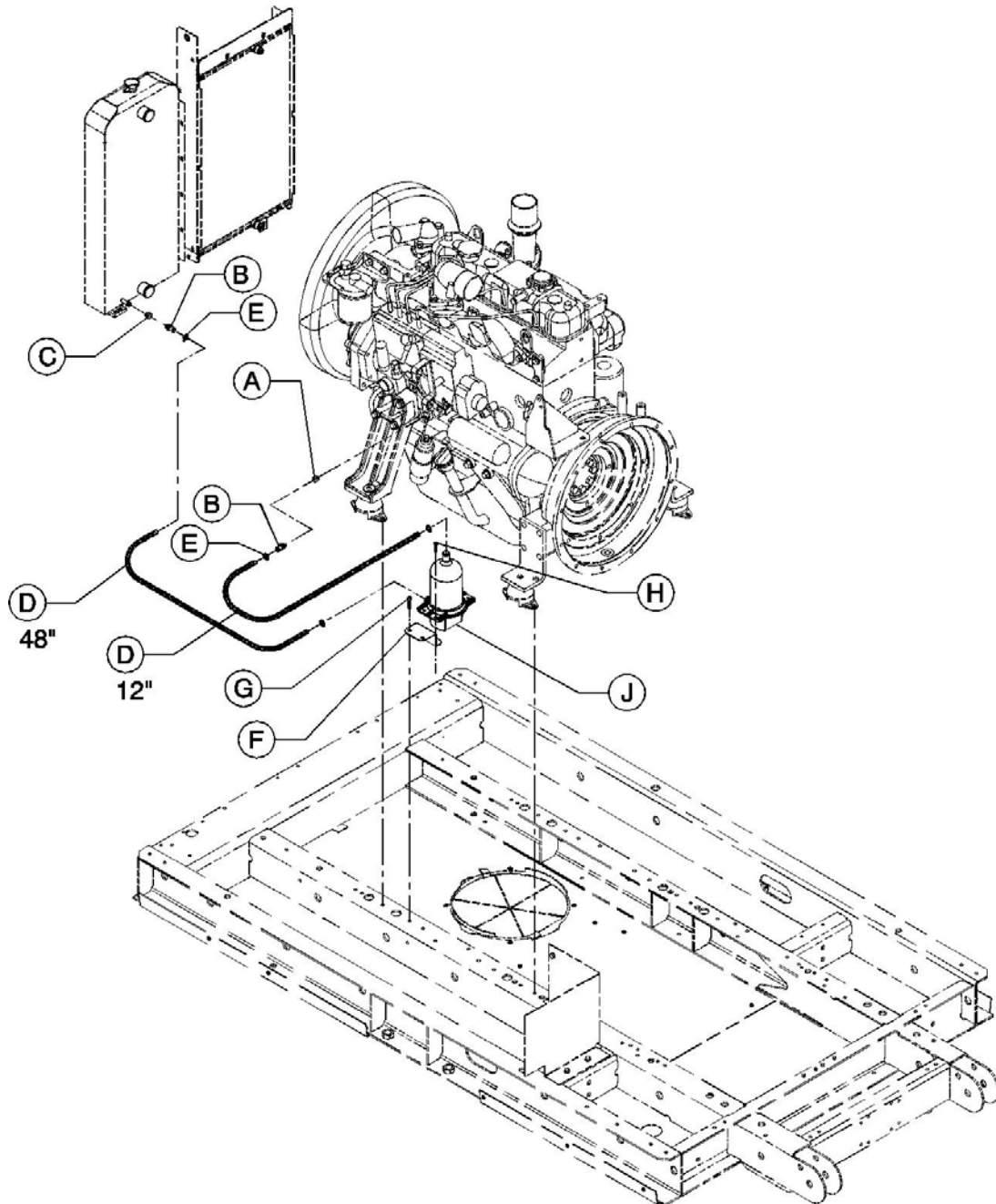
AUTOMATIC COLD START



22478382_op10_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35377266	Cold Start Kit	1	
B	36796910	Cylinder, Ether	1	
C	35377266	Screw, Locking 3/8-16 X1/2"	1	
D	36889384	Adapter, Bushing 1/8NPT 7/8-14	1	
E	35279025	Screw, Tapping M08-1.25 X 20	2	
F	36883890	Bracket, Ether / Fuel Filter	1	

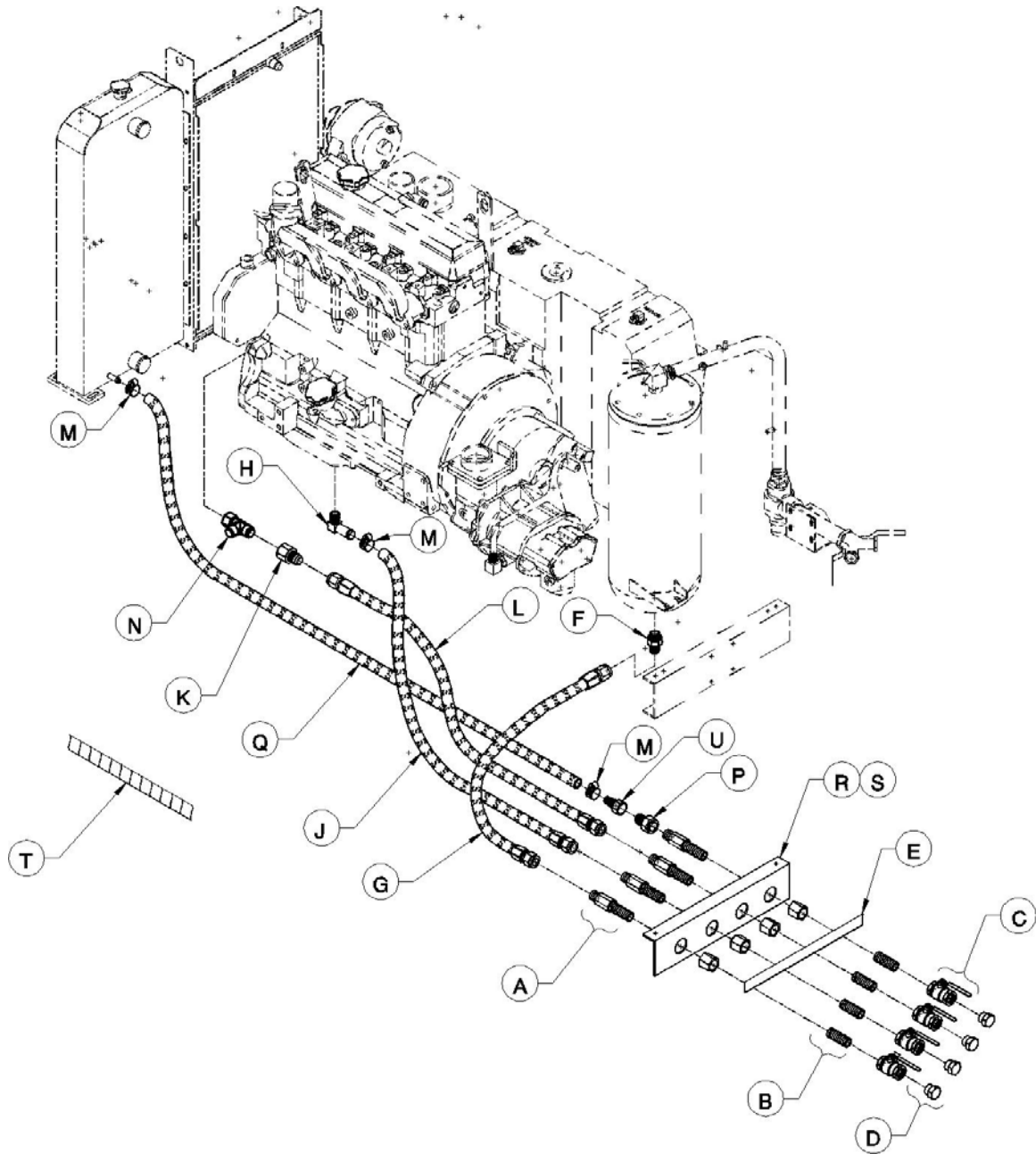
BLOCK HEATER



22478382_op33_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54625702	Adapter, 1/4 BSPT	1	See Lengths Above
B	54618111	Adapter, 1/4 NPT	2	
C	54565247	Adapter, Frost Plug	1	
D	35326578	Hose, Heater	~	
E	95220844	Clamp, Hose	4	
F	54593967	Bracket, Heater	1	
G	35279025	Screw, Tapping M08-1.25 X 20	2	
H	92368687	Screw, Tapping M06-1.0 X 14	2	
J	54541263	Heater, Tank	1	

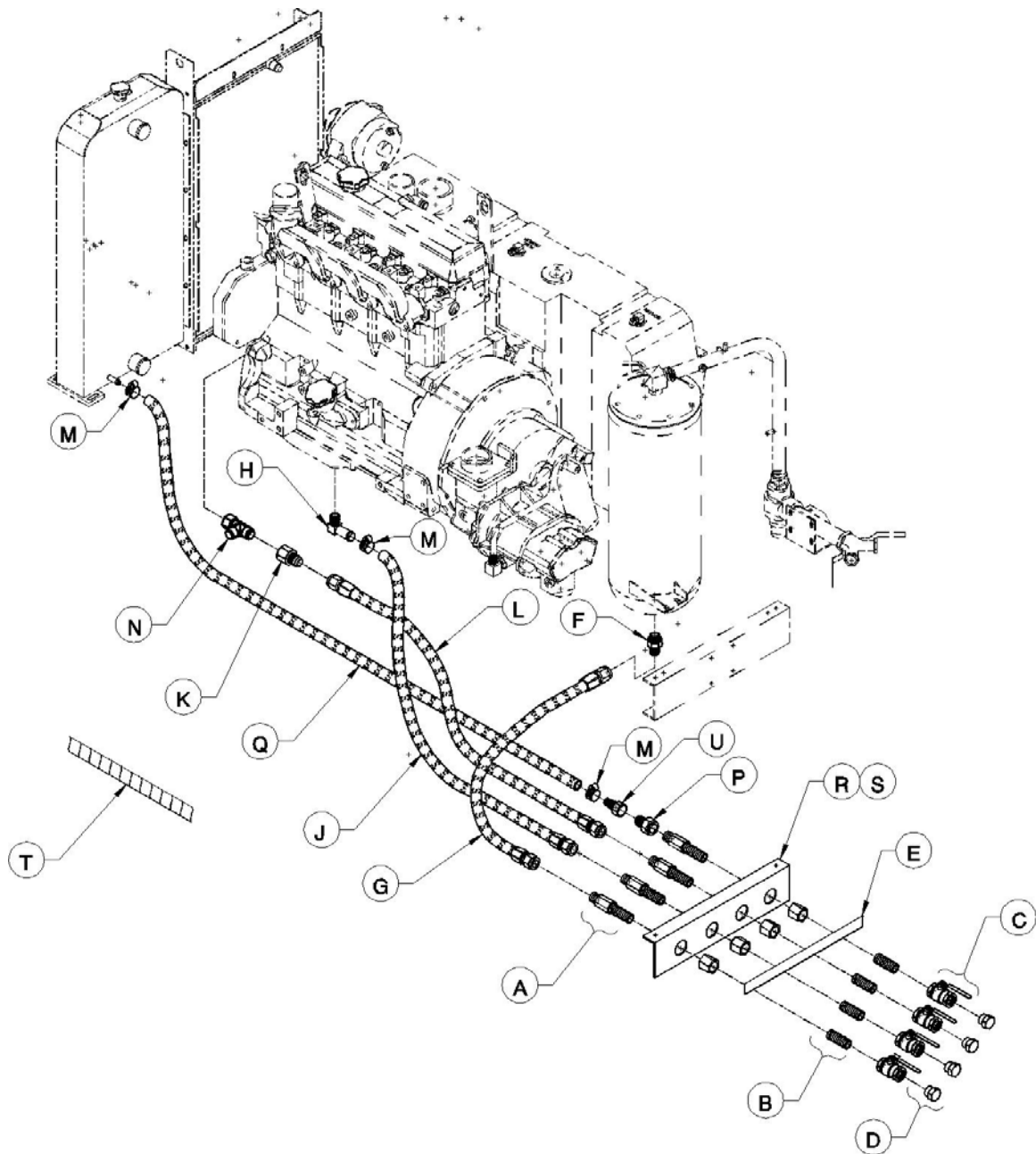
CENTRAL DRAINS



22478382_op13_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35287747	Bulkhead, Fitting	4	<i>Continued</i>
B	95928040	Nipple, Close 3/4	4	
C	36777399	Valve, Ball 3/4 T-Handle	4	
D	95947149	Plug, Hex Counter Sink	4	
E	54629977	Decal, Central Drain	1	
F	35295880	Connector, SAE 1.O6-12JIC	1	
G	35295807	Hose Asm.,-12JIC X 24"	1	
H	36883395	Elbow, 90° M18-1.5 SAE	1	
J	36921641	Hose	1	

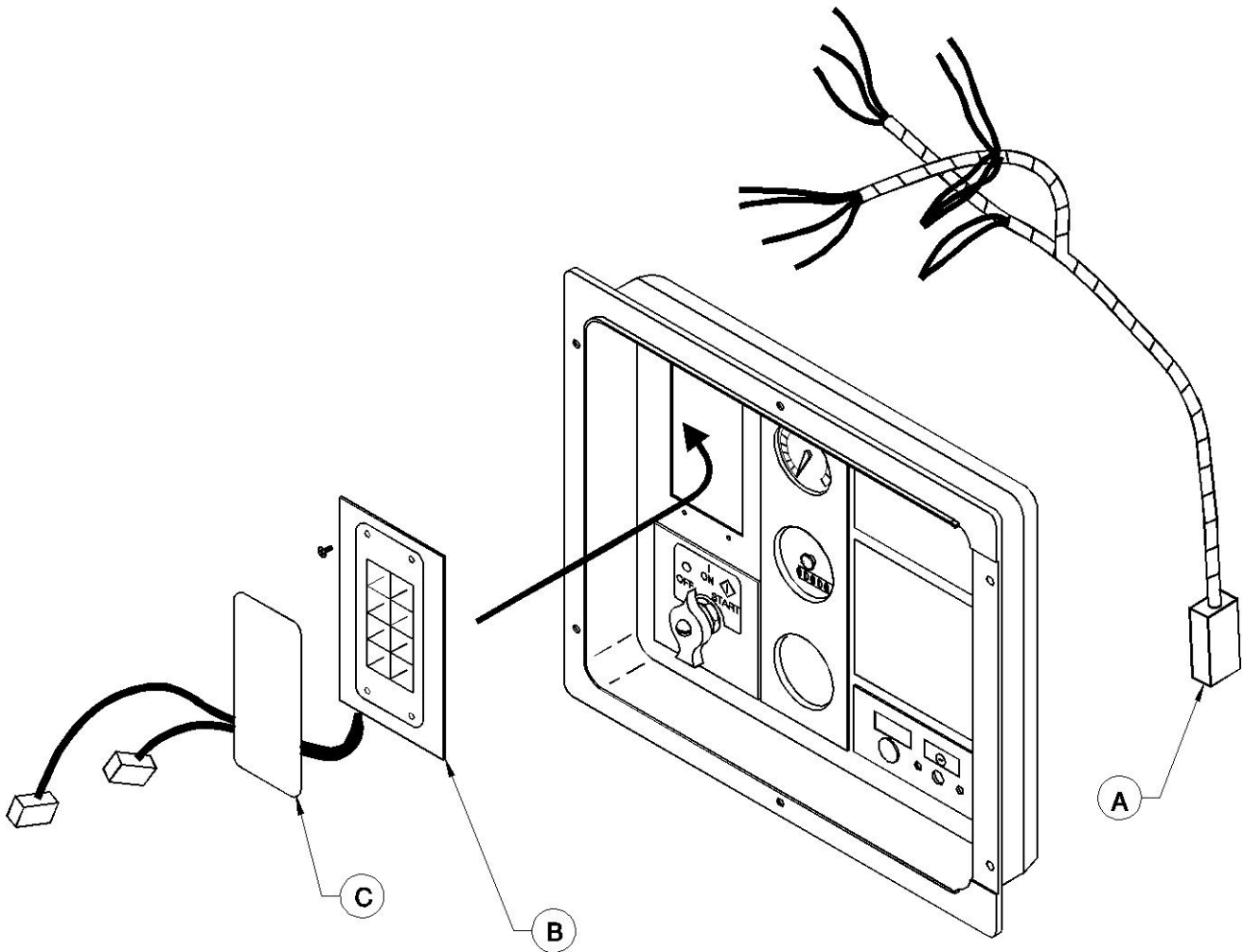
CENTRAL DRAINS *continued*



22478382_op13_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
K	35358050	Adapter,-16 JIC to -12 JIC	1	
L	35323815	Hose	3	
M	95220844	Clamp, Hose 9/16	3	
N	35295641	Tee, Swivel Nut -16JIC	1	
P	35365774	Reducer, Tube	1	
Q	36892479	Hose	1	
R	36884120	Support, Central Drain	1	
S	96702444	Screw, Hex M12-1.75 X 40	4	
T	35291236	Coil, Plastic	36"	
U	95339552	Fitting, -8JIC Hose	1	

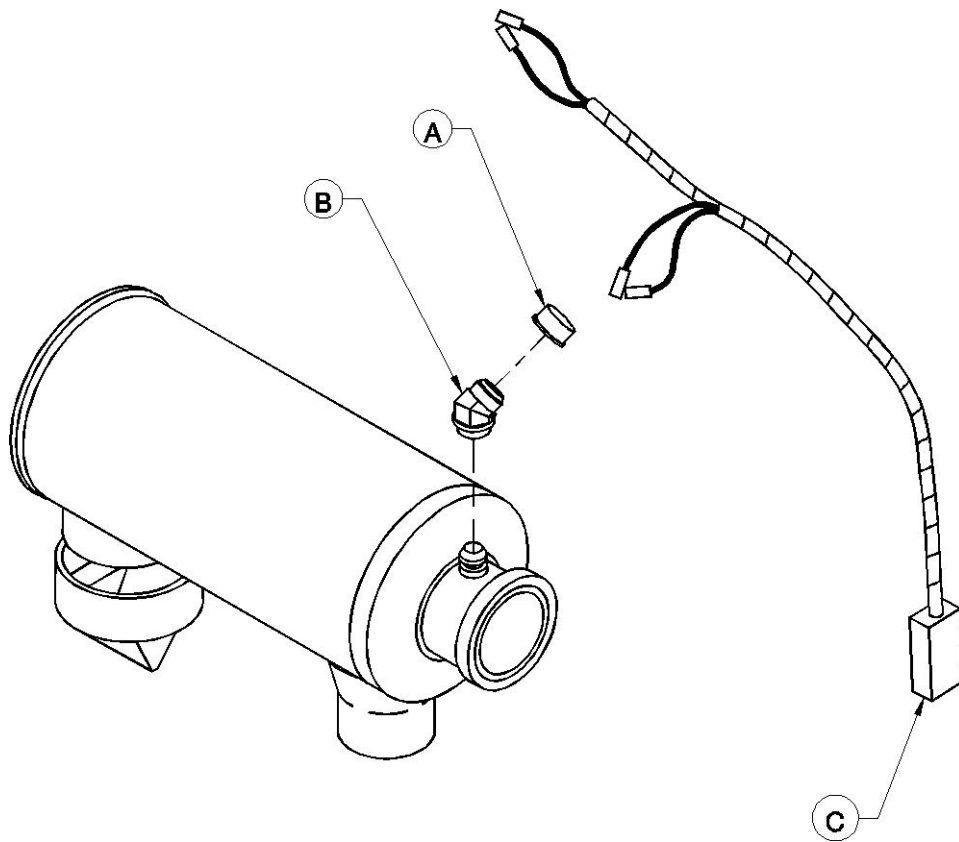
DIAGNOSTIC DISPLAY MODULE Prior to S/N 323546



22478382_op12_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54599121	Harness, Option	1	
B	36882033	Warning Module Assembly	1	
C	36879674	Label, Warning Module	1	

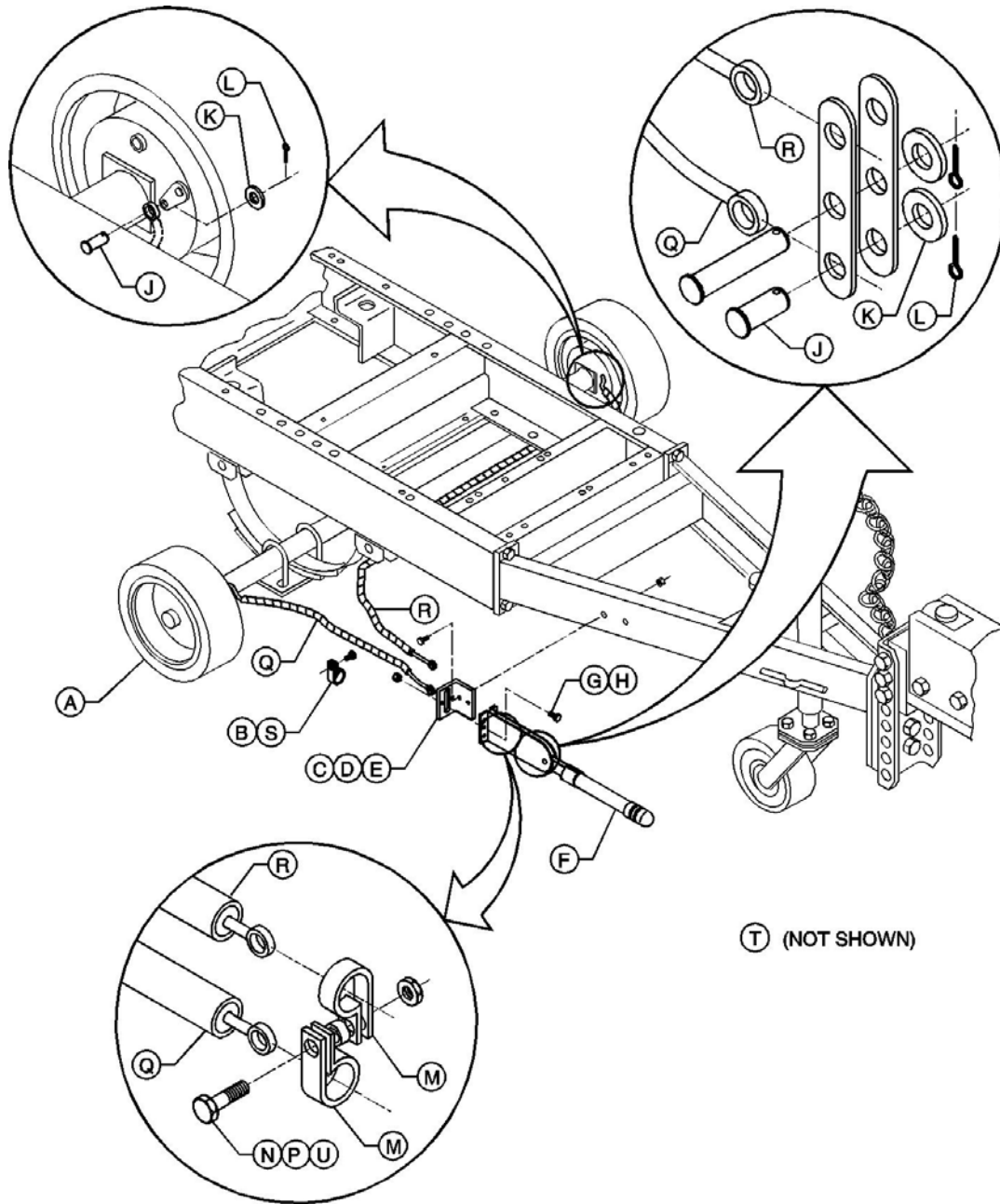
ELECTRIC AIR FILTER MAINTANENCE INDICATOR



22478382_op25_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36847838	Switch, Filter Restriction	2	
B	95956199	Elbow, 45° X 1/8NPT	2	
C	36842839	Harness, AFMI	1	

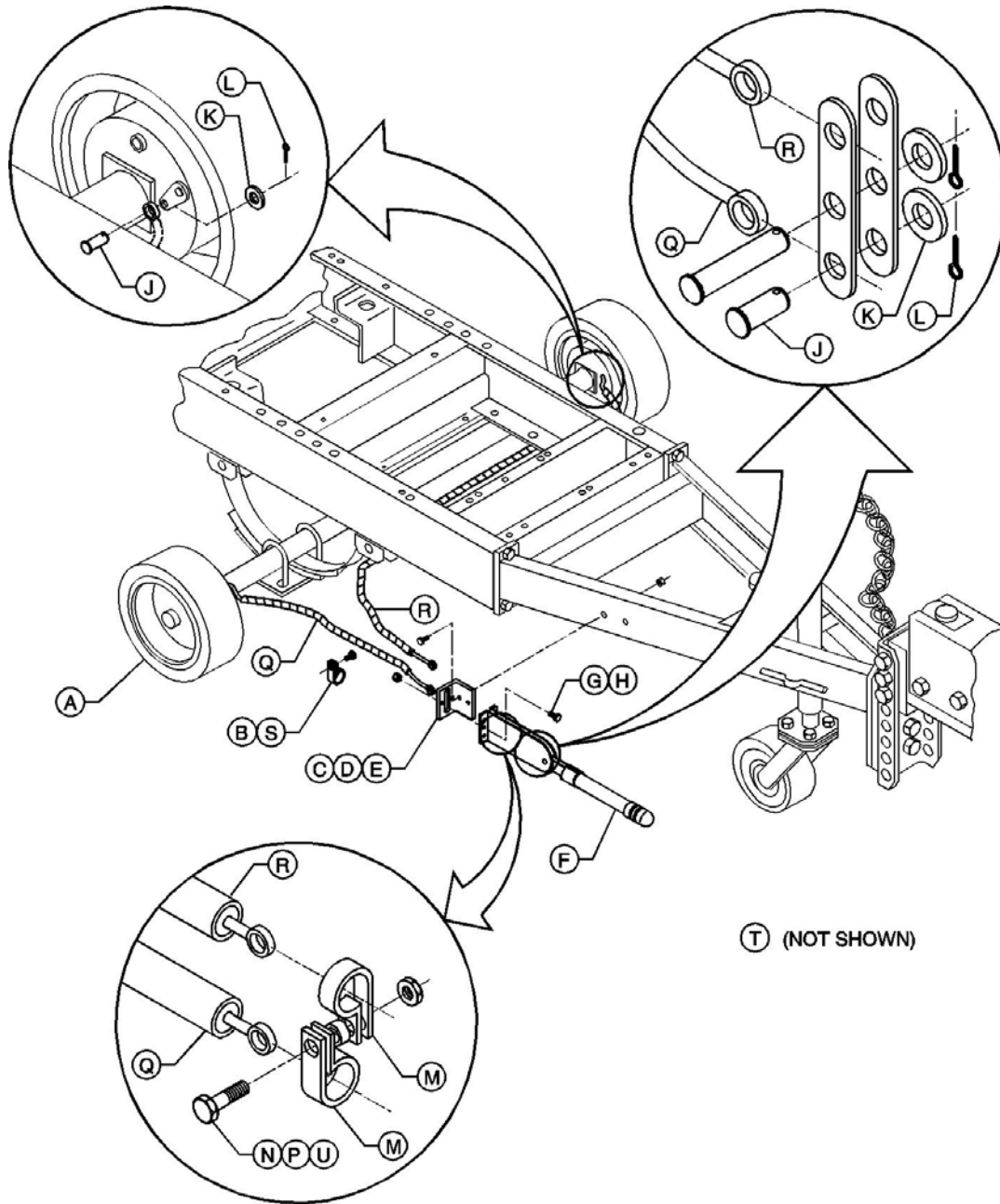
ELECTRIC AXLE PARKING BRAKE



22478382_op05_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54675749	Brakes, Running Gear w/	1	
B	35134477	Clamp, Rubber Coated	1	
C	35116433	Bracket, Brake Lever	1	
D	96704309	Screw, Hex M10-1.5 X 35	2	
E	96735550	Nut, Hex M10-1.5	2	
F	35370055	Lever, Parking Brake	1	
G	96702659	Screw, Hex M08-1.25 X 25	2	
H	96735543	Nut, Hex M08-1.25	2	
J	36846780	Pin, Clevis .31 X .75"	4	
				<i>Continued</i>

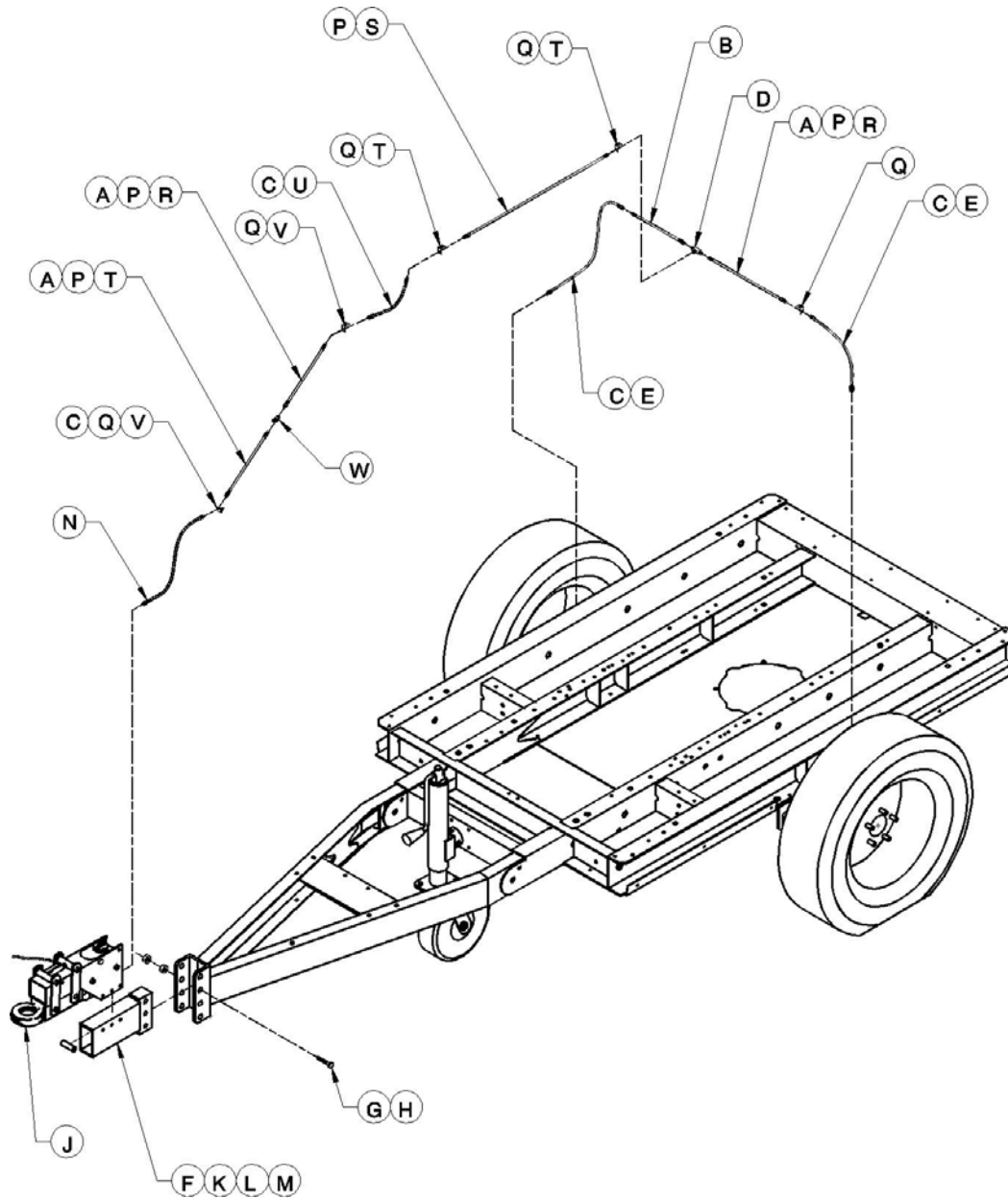
ELECTRIC AXLE PARKING BRAKE *continued*



22478382_op05_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
K	95934998	Washer, 3/8" Flat	4	
L	95928867	Pin, Cotter .09	4	
M	35126325	Clamp, Cable	2	
N	95929006	Screw, Hex 5/16-18 X 1"	1	
P	35126358	Spacer	1	
Q	35589746	Cable Assembly, 78" Brake	1	
R	36503134	Cable Assembly, 108" Brake	1	
S	35300771	Screw, Tapping M06-1.0 X 20	1	
T	35253038	Clamp, Rubber Coated	3	
U	35252600	Nut, Locking 5/16-18	1	

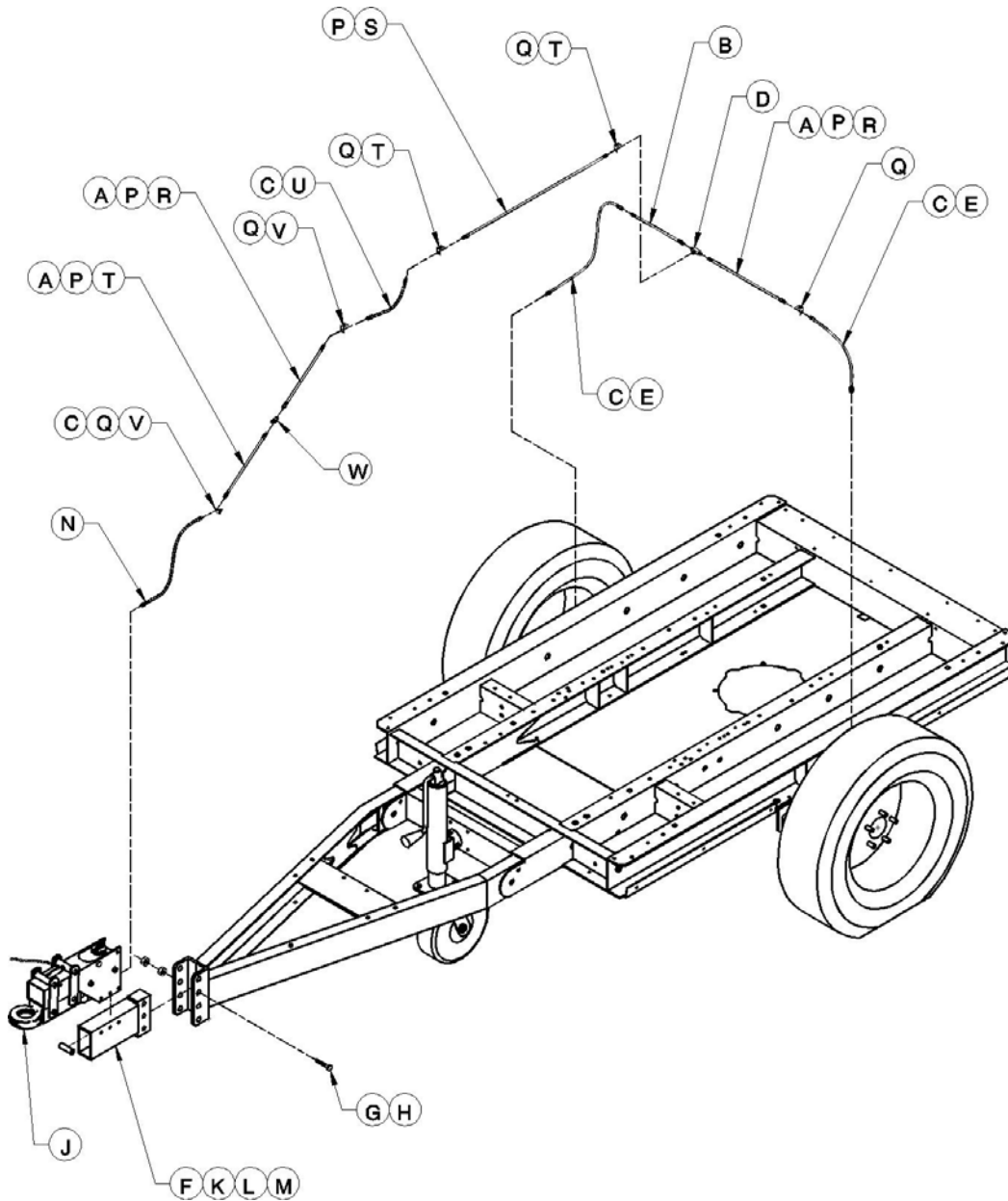
EXT. LENGTH DRAWBAR HYD. BRAKE



22478382_op07_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35356401	Hose, Brake 3/16 X 40"	2	<i>Continued</i>
B	36881290	Hose, Brake 3/8 X 12"	1	
C	35356302	Clamp, Hose	5	
D	35356328	Tee, 3/16 Inverted	1	
E	35356369	Hose, Brake 3/8 X 13"	2	
F	36758647	Support, Hydraulic Actuator	1	
G	35379094	Screw, Hex M16 X 200	3	
H	96700885	Nut, Hex M16	6	
J	35316611	Actuator, Hydraulic Brake	1	
K	35333673	Spacer, Hydraulic Drawbar	3	

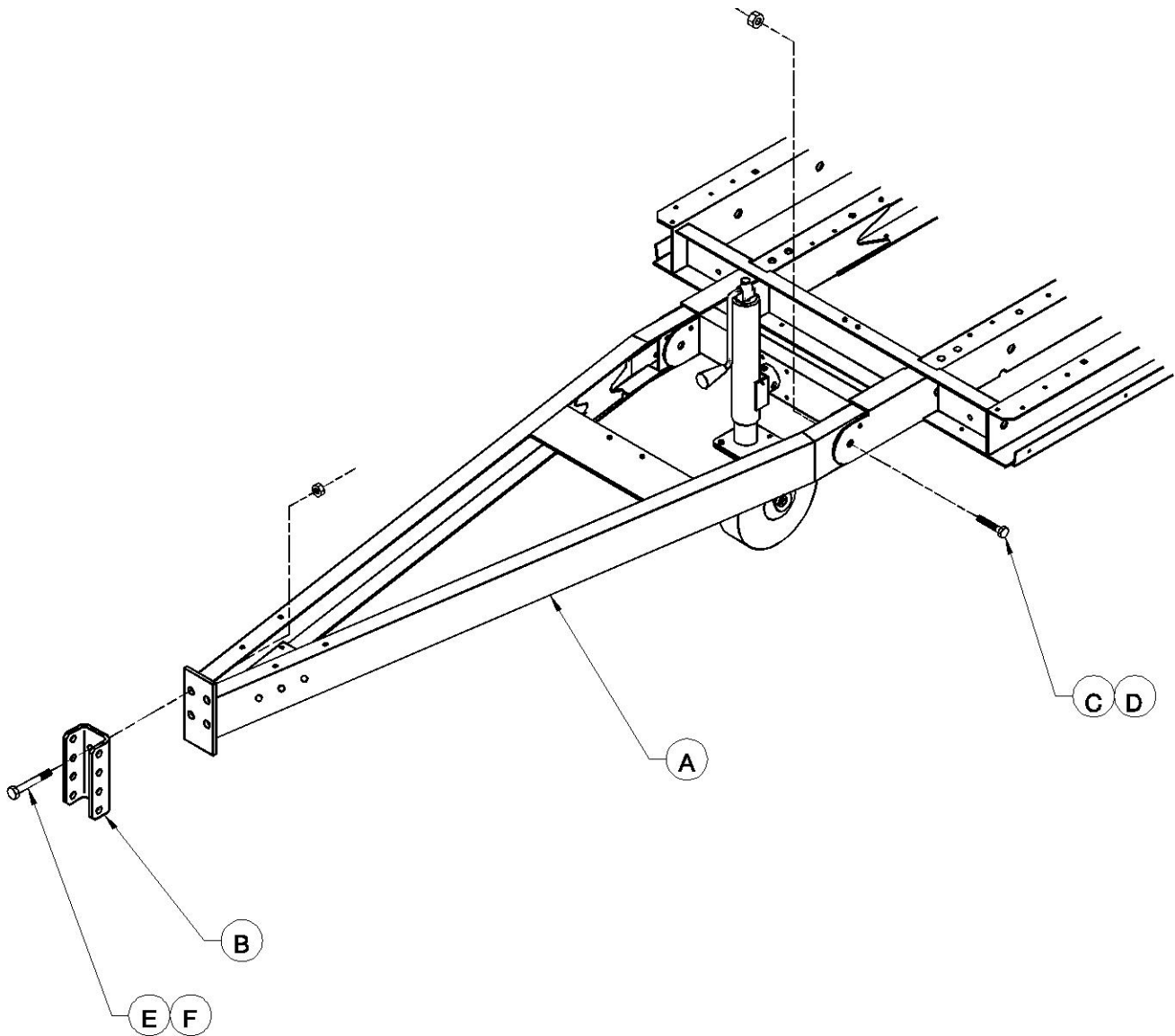
EXT. LENGTH DRAWBAR HYD. BRAKE *continued*



22478382_op07_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	95935169	Screw, Hex 1/2-13 X 4	3	
M	95923348	Nut, Nyloc 1/2-13	3	
N	35356377	Tubing, 3/16 X 18.88"	1	
P	37001252	Clamp, Support	3	
Q	35356310	Bracket, Hose Mounting	5	
R	35300771	Screw, Tapping M06-1.0 X 20	2	
S	36881274	Hose, Brake 3/16 X 50"	1	
T	92368687	Screw, Tapping M06-1.0 X 14	2	
U	36881399	Hose, Brake 3/16 X 24"	1	
V	35279025	Screw, Tapping M08-1.25 X 20	2	
W	35356336	Union, 3/16	1	

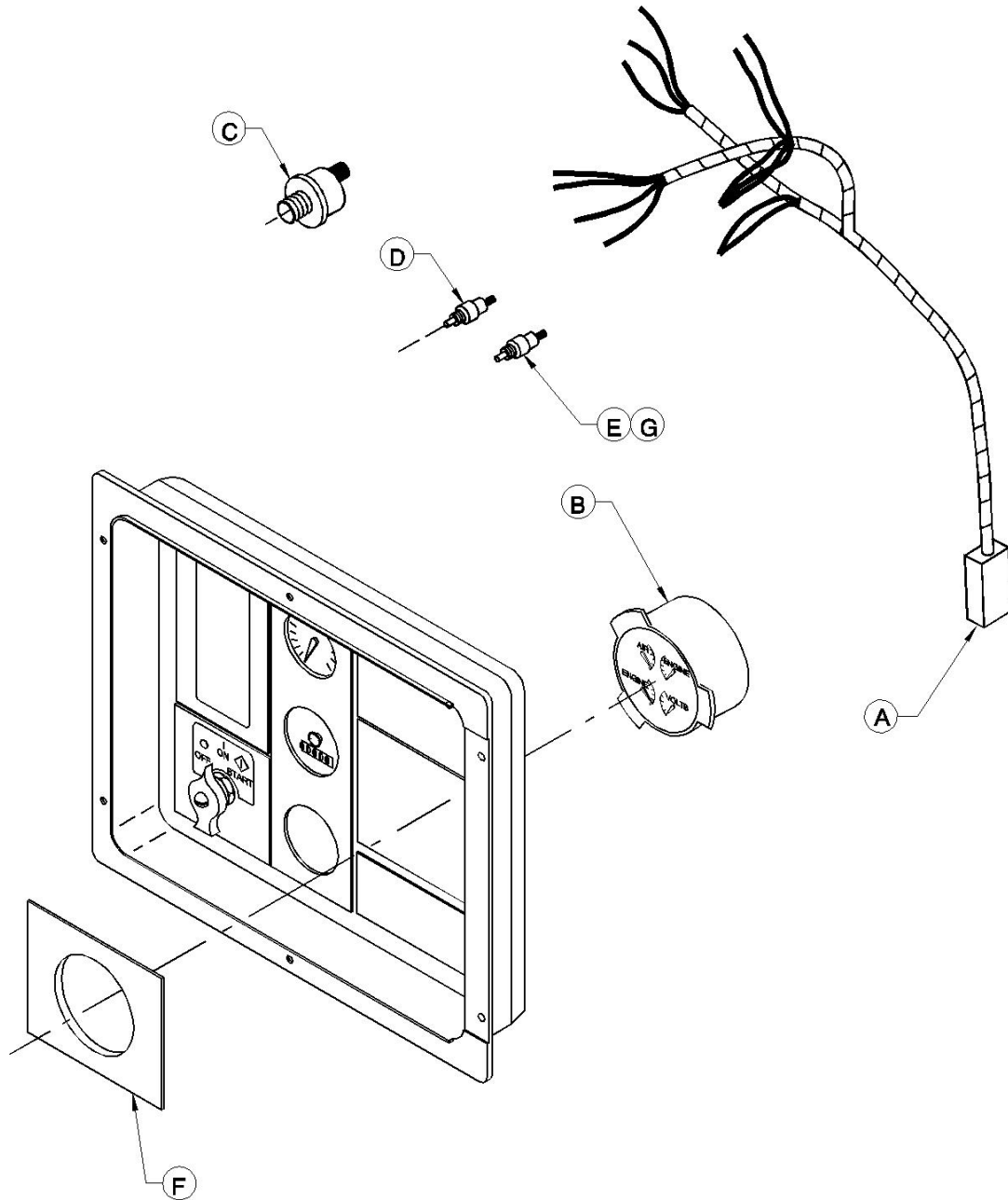
EXTENDED LENGTH DRAWBAR



22478382_op15_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22125033	Drawbar, Extended	1	
B	36757284	Channel, Pintel Mounting	1	
C	35290113	Screw, Hex M16-2.0 X 75	2	
D	96704630	Nut, Nyloc M16	2	
E	39179072	Screw, Hex M16-2.0 X 50	4	
F	36879211	Nut, Hex Flange M16	4	

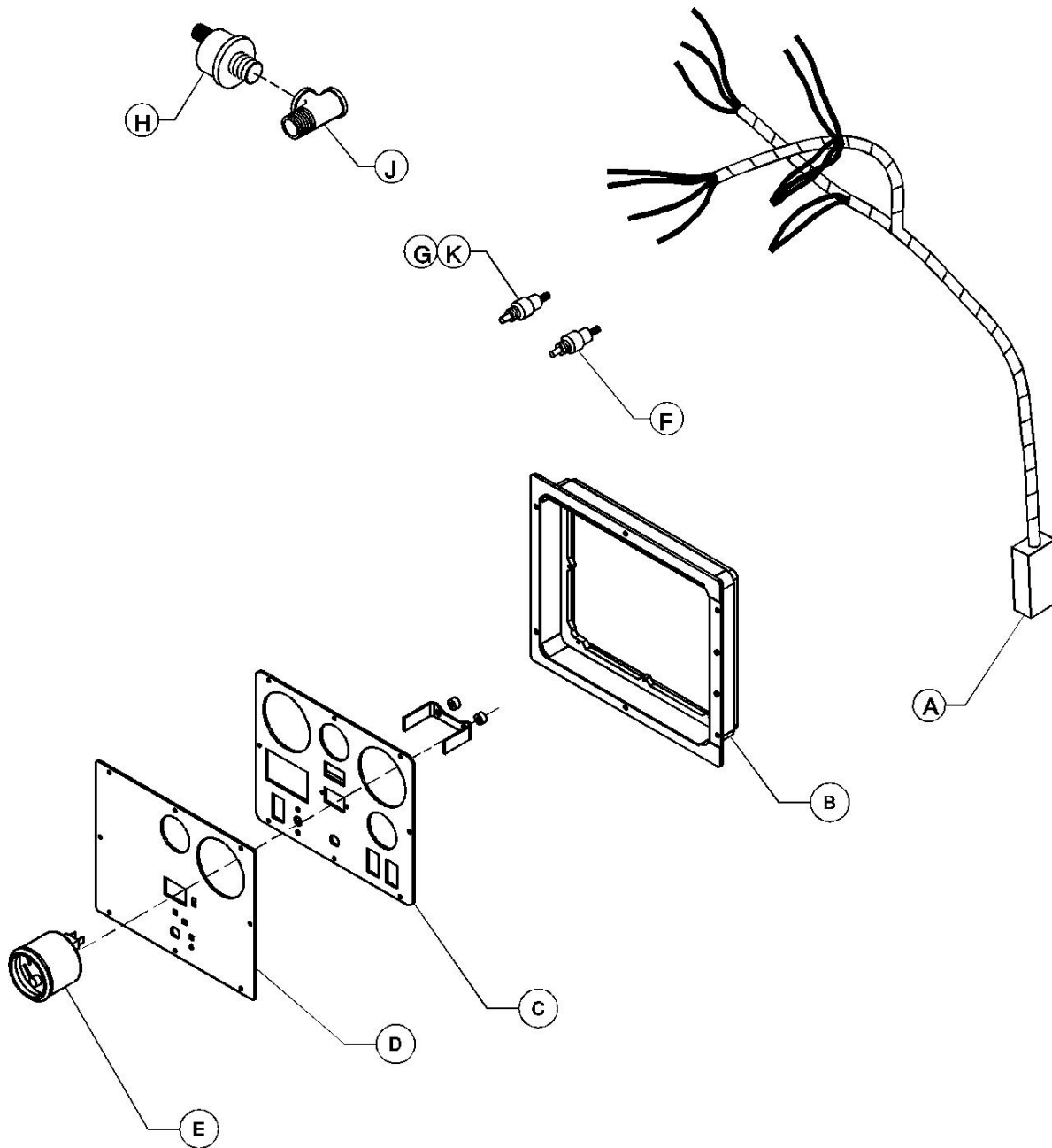
4-in-1 GAUGE Prior to S/N 323546



22478382_op18a_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54599121	Harness, Option	1	
B	36879682	Gauge, 4-in1	1	
C	36870608	Sender, Oil Pressure	1	
D	35372457	Sender, Water Temperature	1	
E	54593843	Sender, Compressor Air Temperature	1	
F	36879716	Panel, Gage Bezel	1	
G	35278571	O-Ring	1	

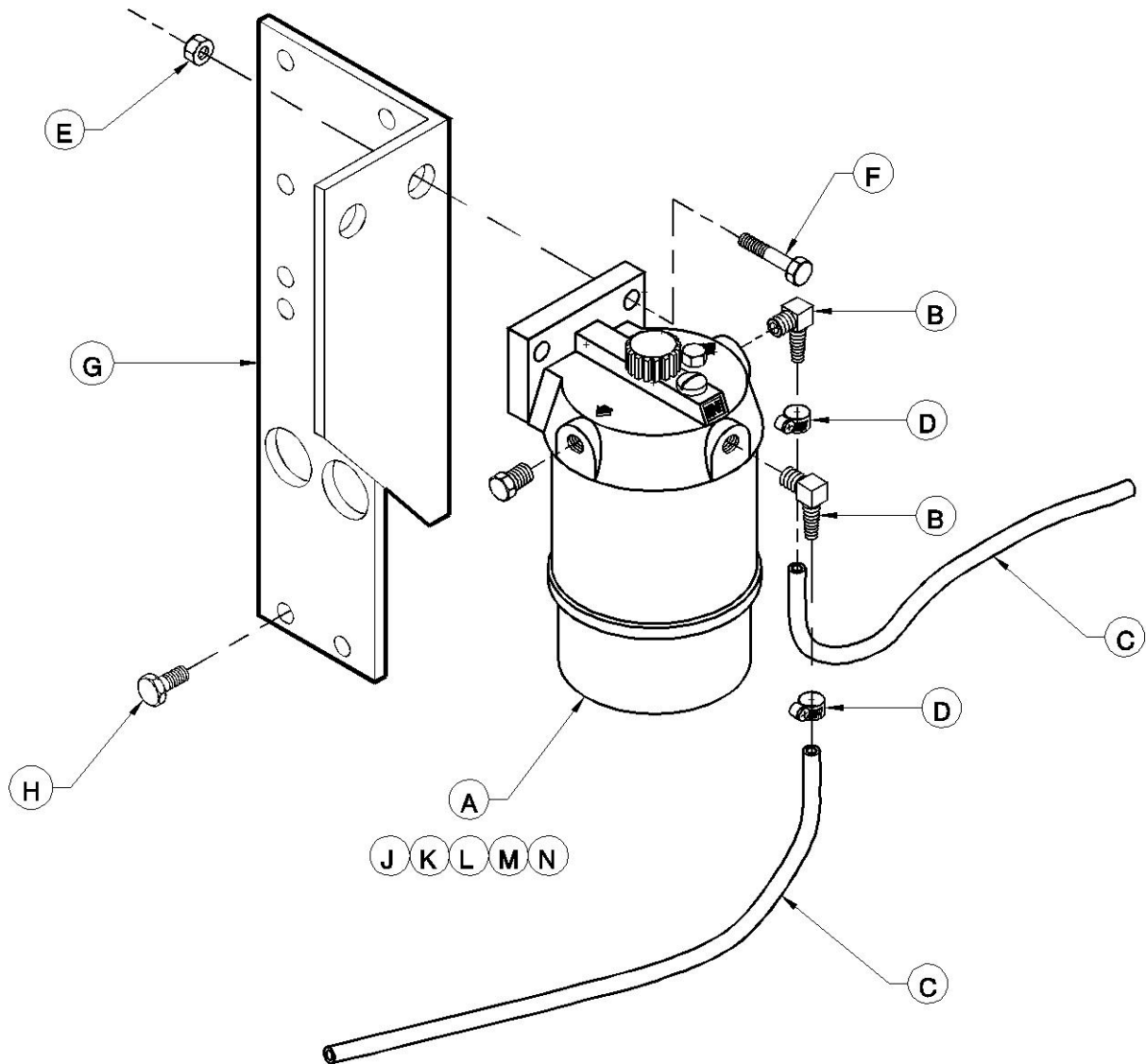
4-in-1 GAUGE Begin w/ S/N 323546



22478382_op18b_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22058309	Harness, Option	1	
B	54749601	Frame, Instrument Panel	1	
C	22171680	Panel, Instrument	1	
D	22171698	Decal, Instrument Panel	1	
E	22056402	Gauge, 4-in1	1	
F	35372457	Sender, Water Temperature	1	
G	35278571	O-Ring	1	
H	36870608	Sender, Oil Pressure	1	
J	39127287	Tee, 1/8 Street	1	
K	54593843	Sender, Compressor Air Temperature	1	

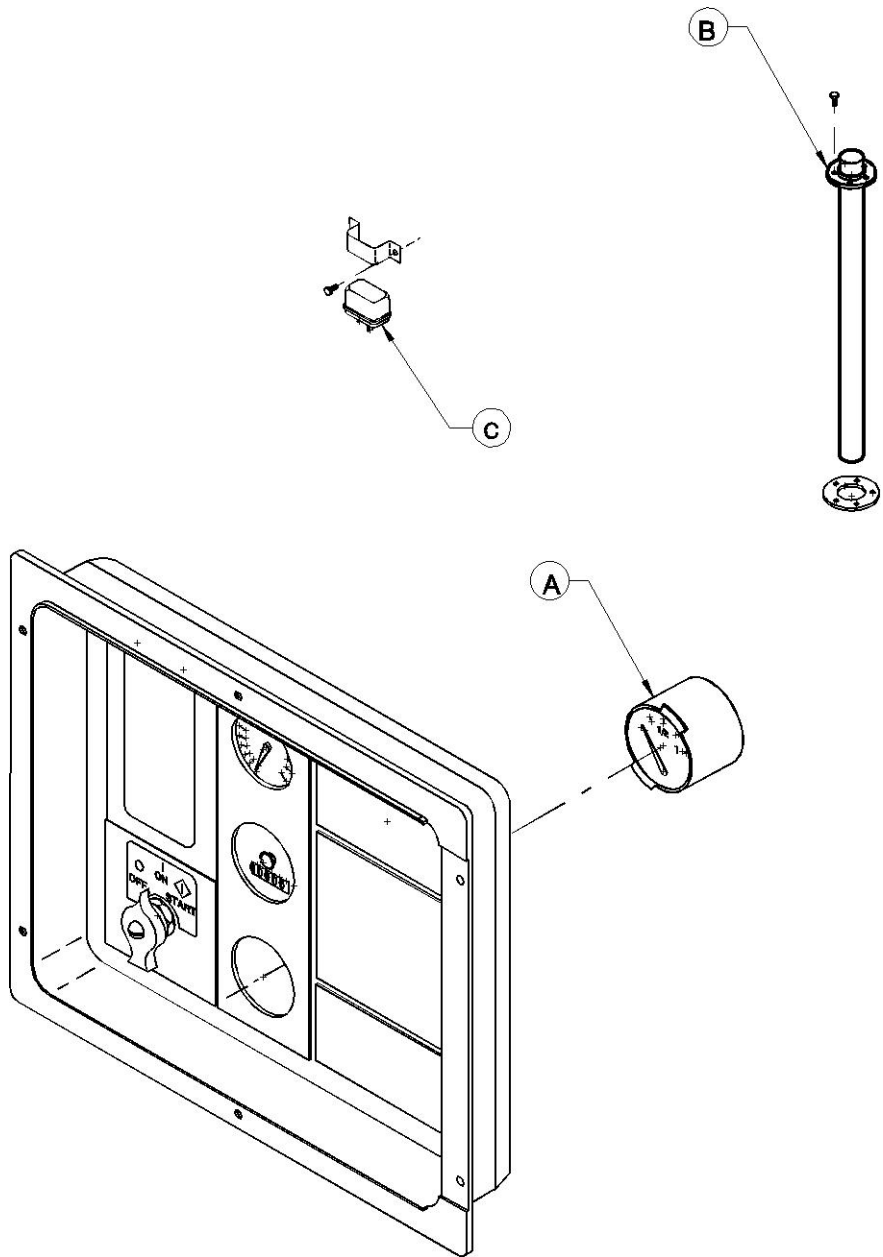
FUEL / WATER SEPARATOR FILTER



22478382_op17_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54468160	Filter, Fuel / Water Separator	1	
B	35378538	Elbow, Barbed	2	
C	35363498	Hose, 5/16 ID Fuel	22"	Cut as Req'd
D	35296342	Clamp, Wormgear	2	
E	36881886	Nut, Hex Flange M08	2	
F	36889608	Screw, Hex Flange M08-1.25 X 25	2	
G	36883890	Bracket, Ether / Fuel Filter	1	
H	35279025	Screw, Tapping M08-1.25 X 20	2	
J	54468178	Element, Fuel / Water Separator	AR	Included w/ Item A
K	54480504	Bowl, Fuel / Water Separator	AR	Included w/ Item A
L	54480512	Head, Fuel / Water Separator	AR	Included w/ Item A
M	35358381	Cover, Check Ball	AR	Included w/ Item A
N	54480520	Plug, Vent	AR	Included w/ Item A

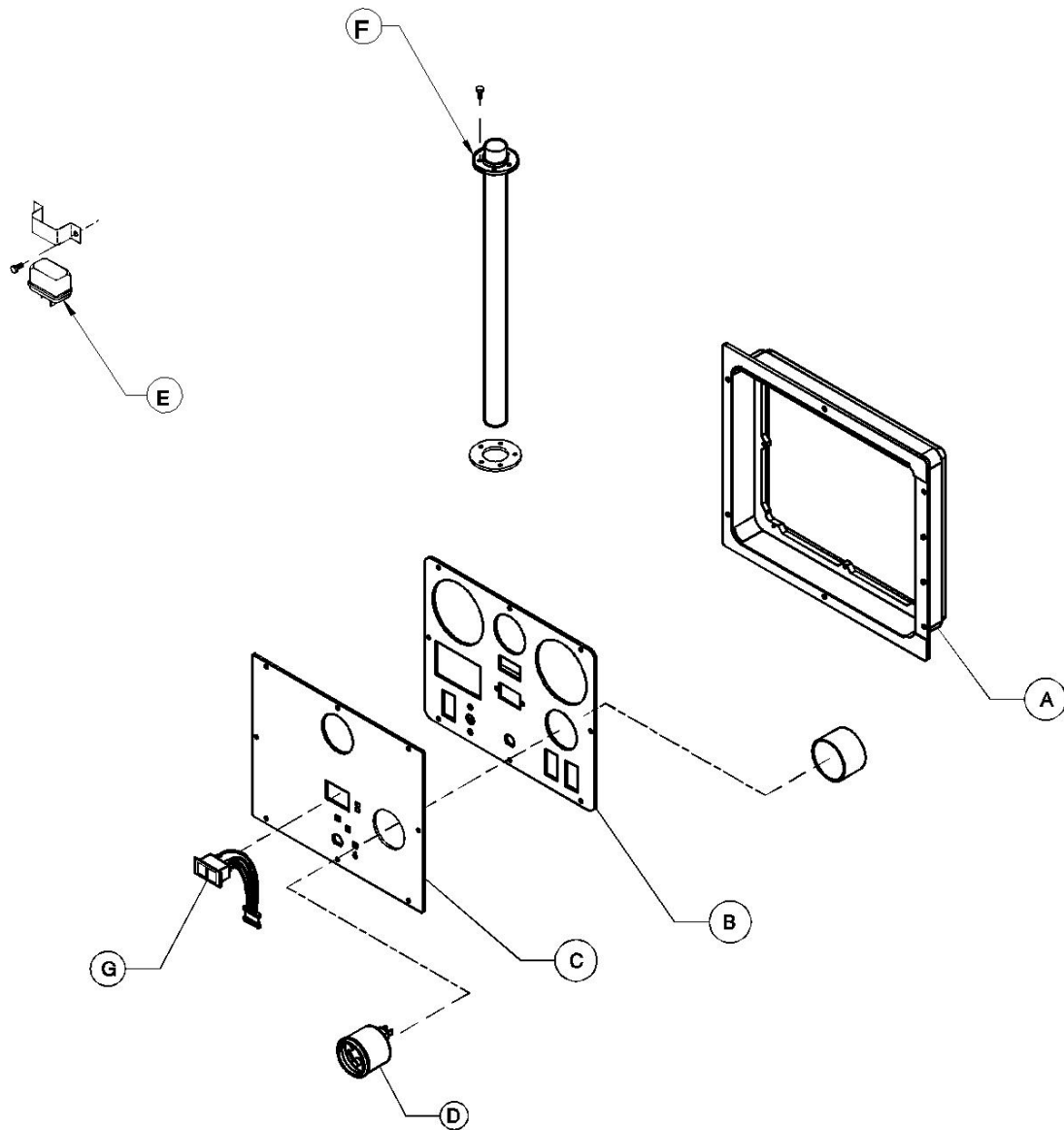
FUEL LEVEL GAUGE Prior to S/N 323546



22478382_op19b_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36879690	Gauge, Fuel Level	1	
B	36882611	Sender, Fuel Level	1	
C	36856979	Relay, Fuel Shutdown	1	

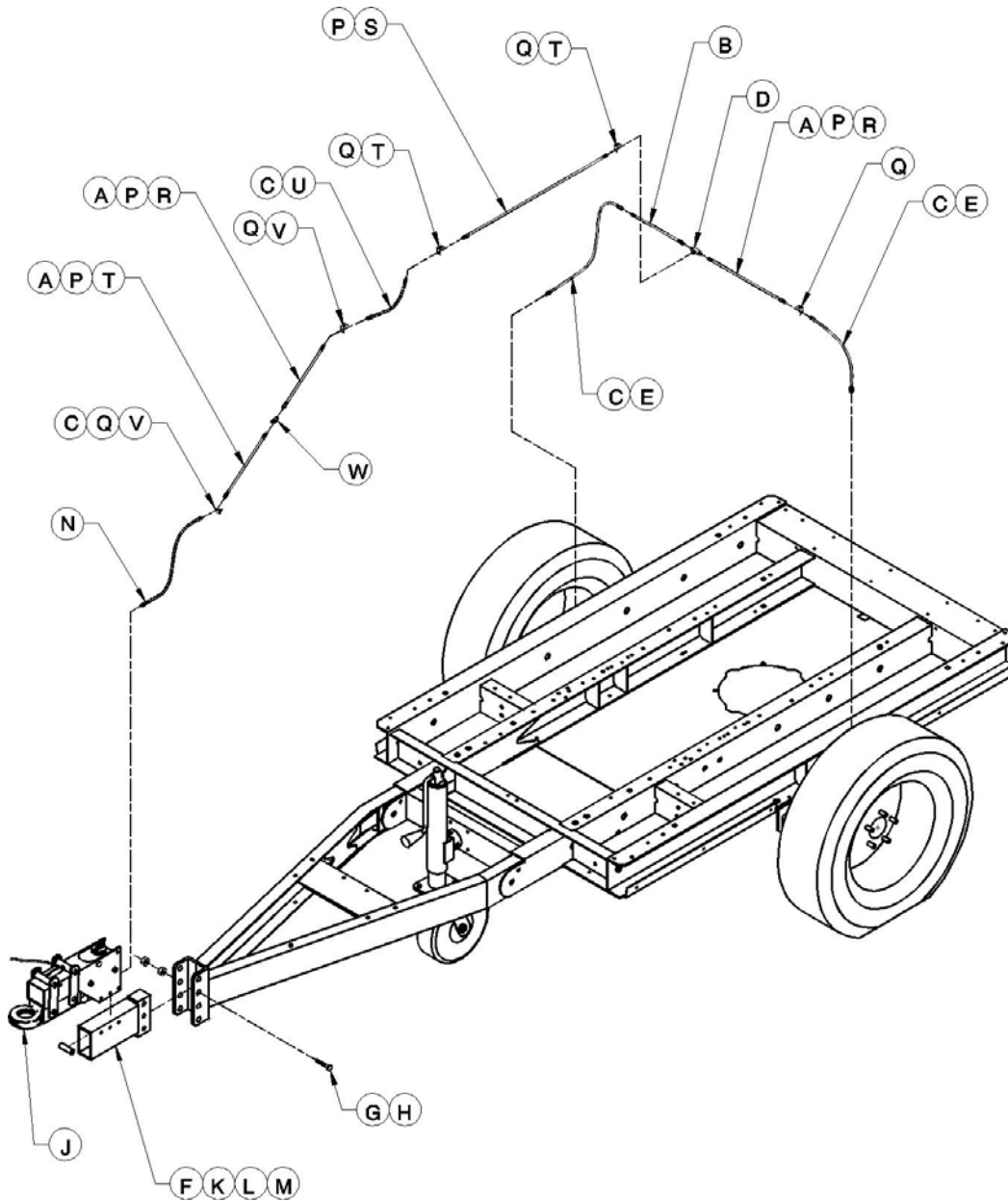
FUEL LEVEL GAUGE GAUGE Begin w/ S/N 323546



22478382_op19c_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54749601	Frame, Instrument Panel	1	
B	22171680	Panel, Instrument	1	
C	22171698	Decal, Instrument Panel	1	
D	54774096	Gauge, Fuel Level	1	
E	54368048	Relay	1	
F	22058531	Sender, Fuel Level	1	
G	54774112	Warning Module, 2 Light	1	

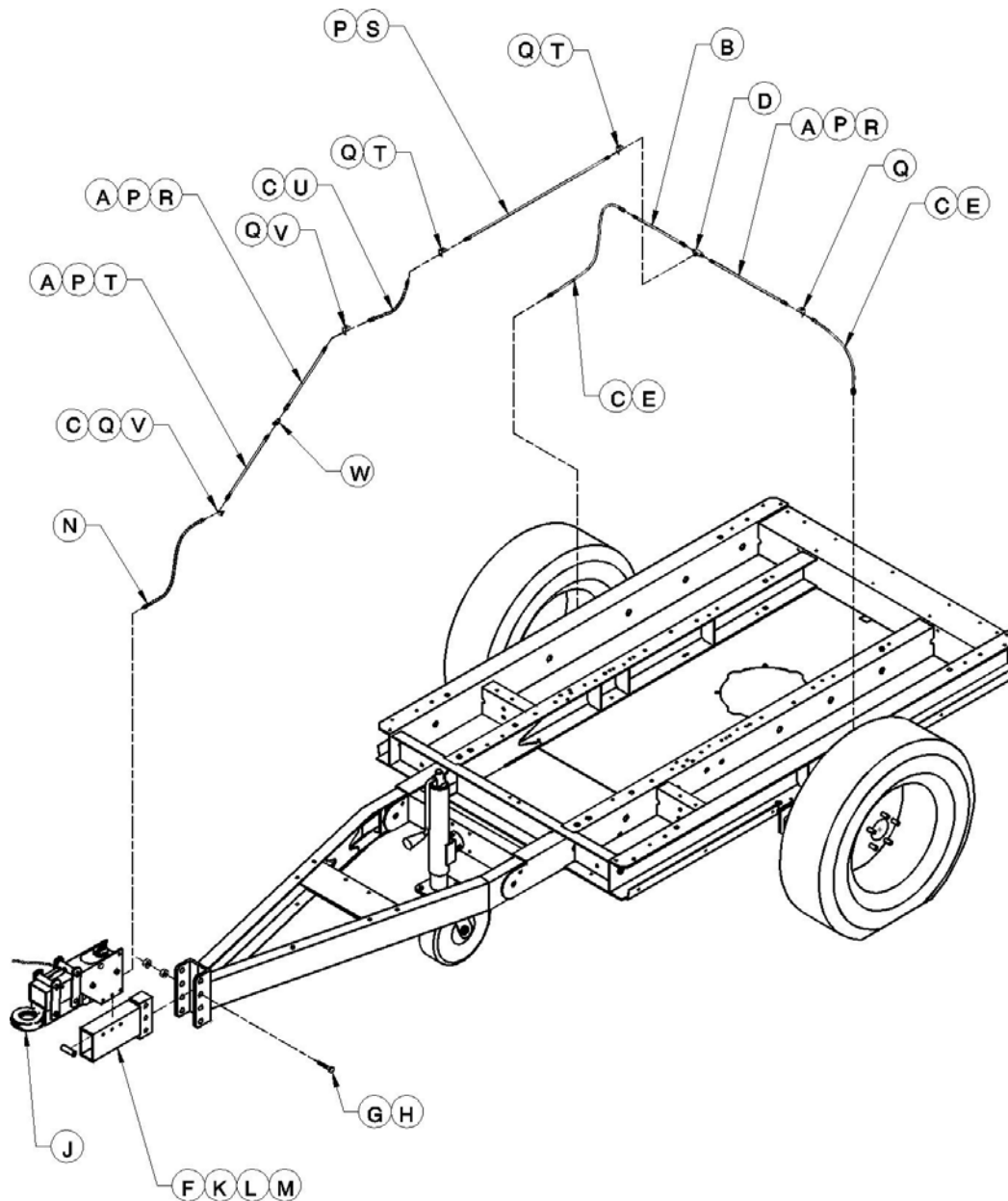
STD. LENGTH DRAWBAR HYD. BRAKE



22478382_op08_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35356401	Hose, Brake 3/16 X 40"	2	<i>Continued</i>
B	36881290	Hose, Brake 3/8 X 12"	1	
C	35356302	Clamp, Hose	5	
D	35356328	Tee, 3/16 Inverted	1	
E	35356369	Hose, Brake 3/8 X 13"	2	
F	36758647	Support, Hydraulic Actuator	1	
G	35379094	Screw, Hex M16 X 200	3	
H	96700885	Nut, Hex M16	6	
J	35316611	Actuator, Hydraulic Brake	1	
K	35333673	Spacer, Hydraulic Drawbar	3	

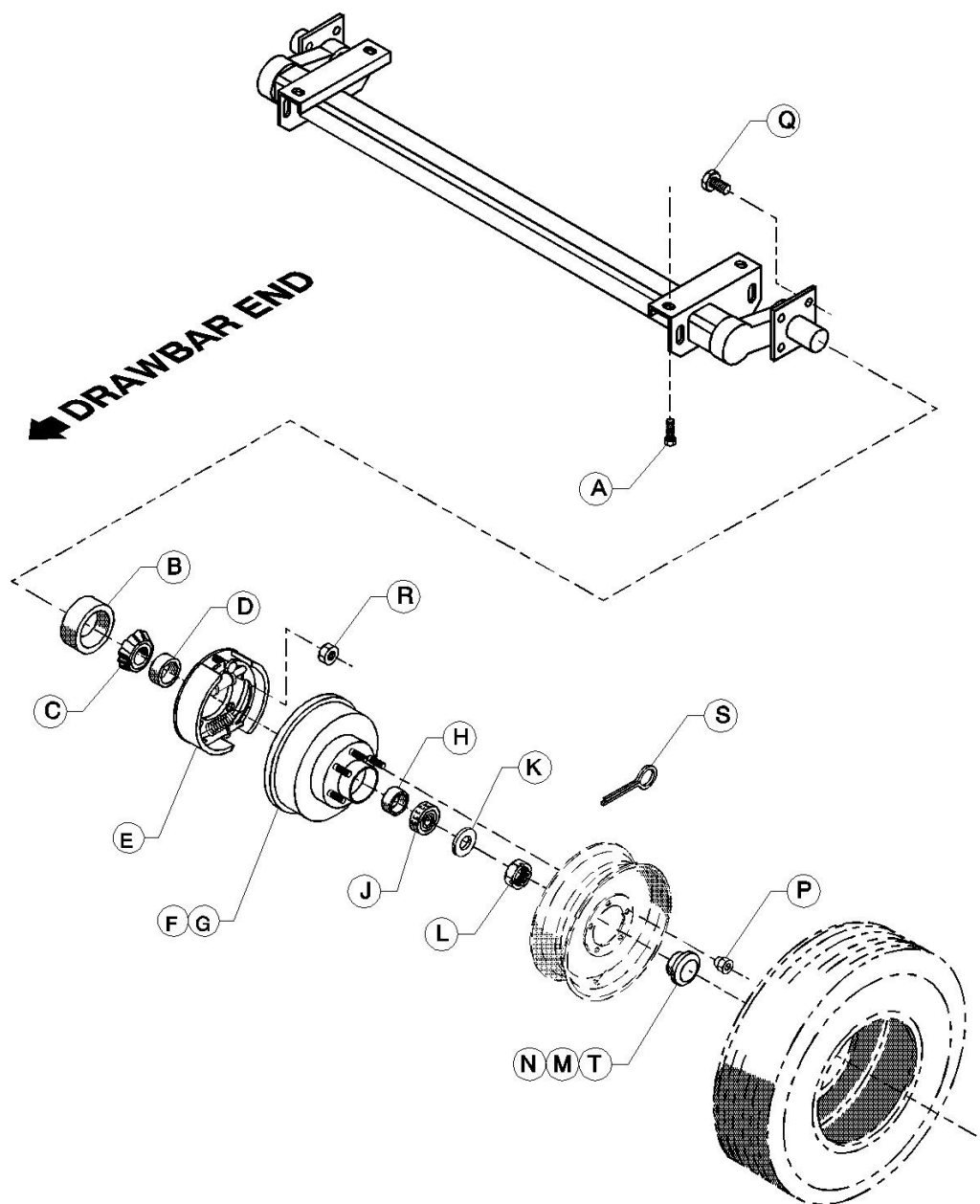
STD. LENGTH DRAWBAR HYD. BRAKE *continued*



22478382_op08_A_01/07

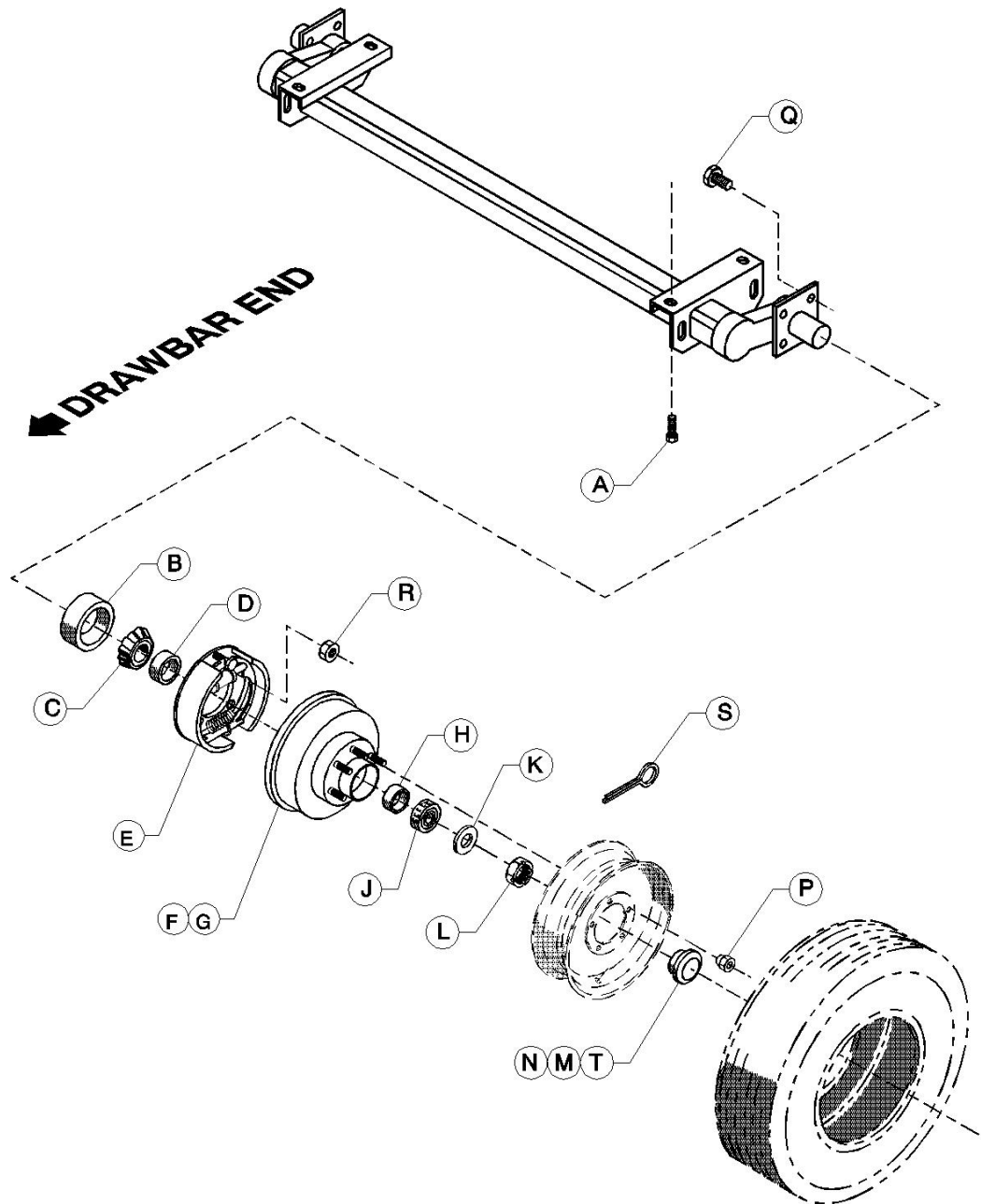
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	95935169	Screw, Hex 1/2-13 X 4	3	
M	95923348	Nut, Nyloc 1/2-13	3	
N	35356377	Tubing, 3/16 X 18.88"	1	
P	37001252	Clamp, Support	3	
Q	35356310	Bracket, Hose Mounting	5	
R	35300771	Screw, Tapping M06-1.0 X 20	2	
S	36881274	Hose, Brake 3/16 X 50"	1	
T	92368687	Screw, Tapping M06-1.0 X 14	2	
U	36881399	Hose, Brake 3/16 X 24"	1	
V	35279025	Screw, Tapping M08-1.25 X 20	2	

HYDRAULIC BRAKE AXLE



22478382_op02_A_01/07

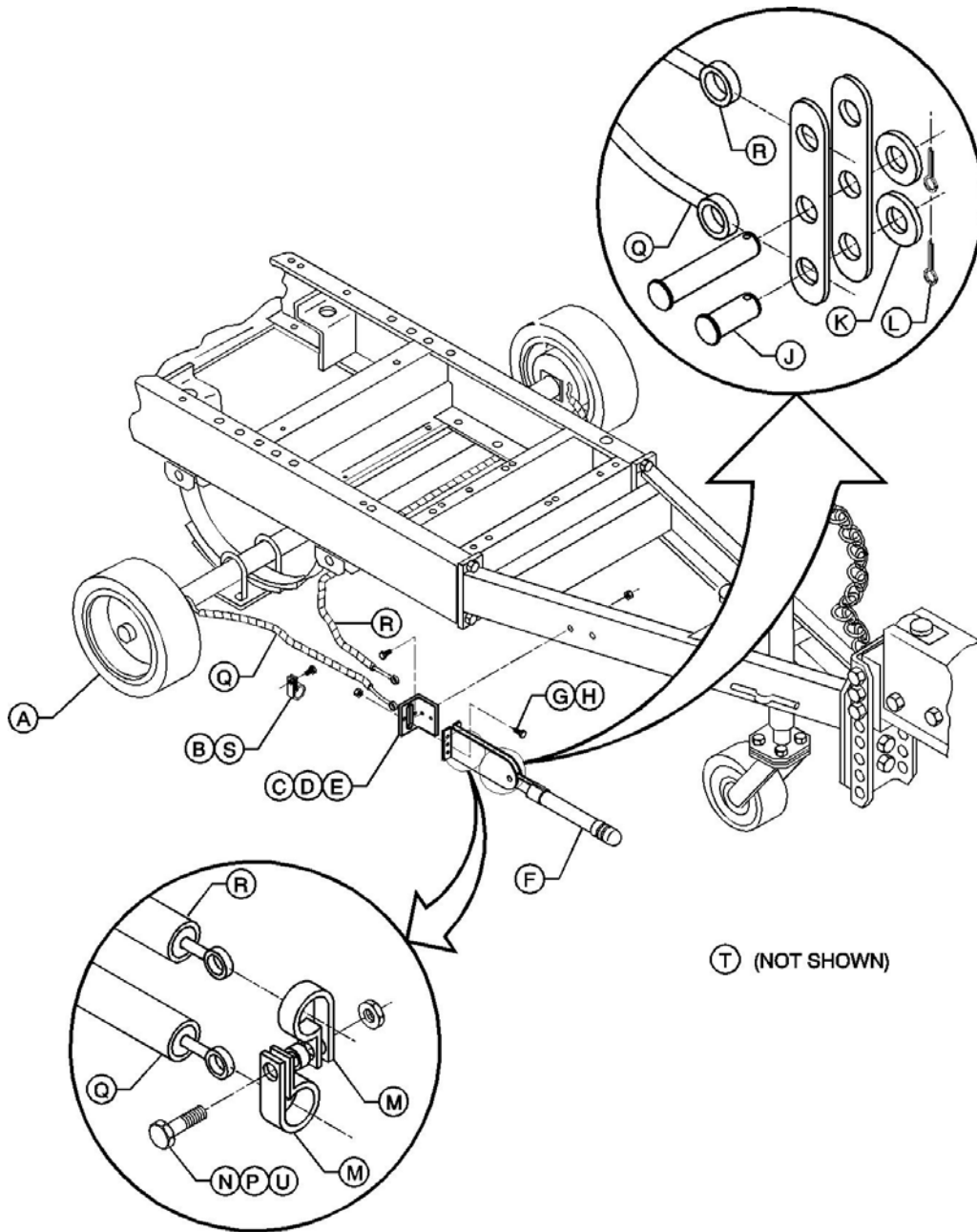
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	96747142	Screw, Hex Flange M16-2.0 X 30	4	<i>Continued</i>
B	35316868	Seal, Grease	2	
C	35316876	Cone, Inner Bearing	2	
D	35316884	Cup, Inner Bearing	2	
E	35390442	Brake ASM., LH Hydraulic	1	
	35390434	Brake ASM., RH Hydraulic	1	
F	35390459	Hub with Studs	2	
G	22464648	Stud	10	
H	35318831	Cup, Outer Bearing	2	
J	35318849	Cone, Outer Bearing	2	

HYDRAULIC BRAKE AXLE *continued*

22478382_op02_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
K	35315209	Washer, Spindle	2	
L	35315217	Nut, Spindle	2	
M	35379395	Cap, EZ Lube Grease	2	
N	35391135	Plug, EZ Lube Rubber	2	
P	35315274	Nut, Wheel	12	
Q	35391648	Screw, Brake Mounting	10	
R	35391630	Nut, Brake Mounting Hex	10	
S	35315225	Pin, Cotter	2	
T	35390012	Washer, Tang	2	

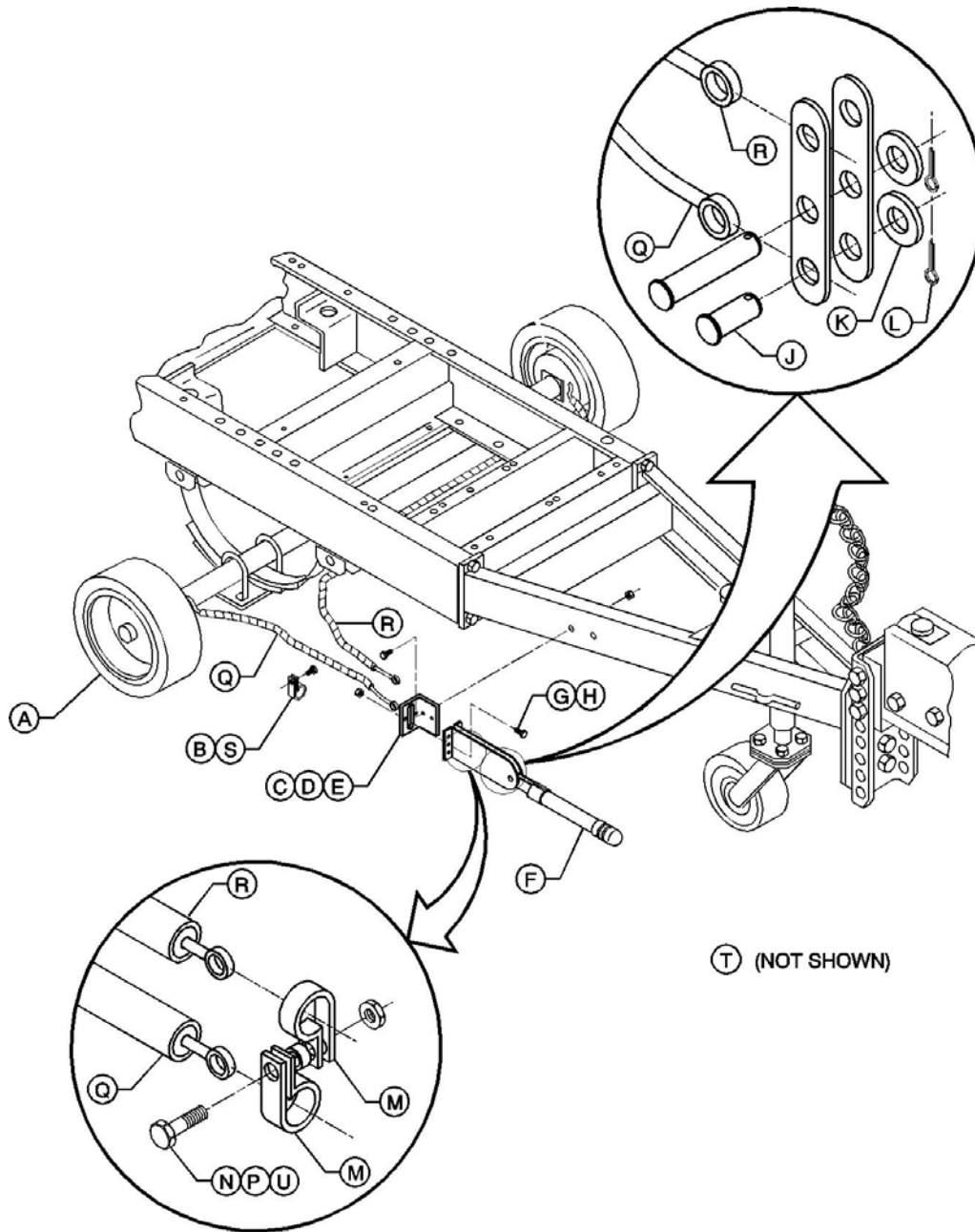
HYDRAULIC AXLE PARKING BRAKE



22478382_op09_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54675756	Running Gear w/ Brakes	1	<i>Continued</i>
B	35134477	Clamp, Rubber Coated	1	
C	35116433	Bracket, Brake Lever	1	
D	96704309	Screw, Hex M10-1.5 X 35	2	
E	96735550	Nut, Hex M10	2	
F	35370055	Lever, Parking Brake	1	
G	96702659	Screw, Hex M08-1.25 X 25	2	
H	96735543	Nut, Hex M08	2	
J	36846780	Pin, Clevis .31 X .75	2	

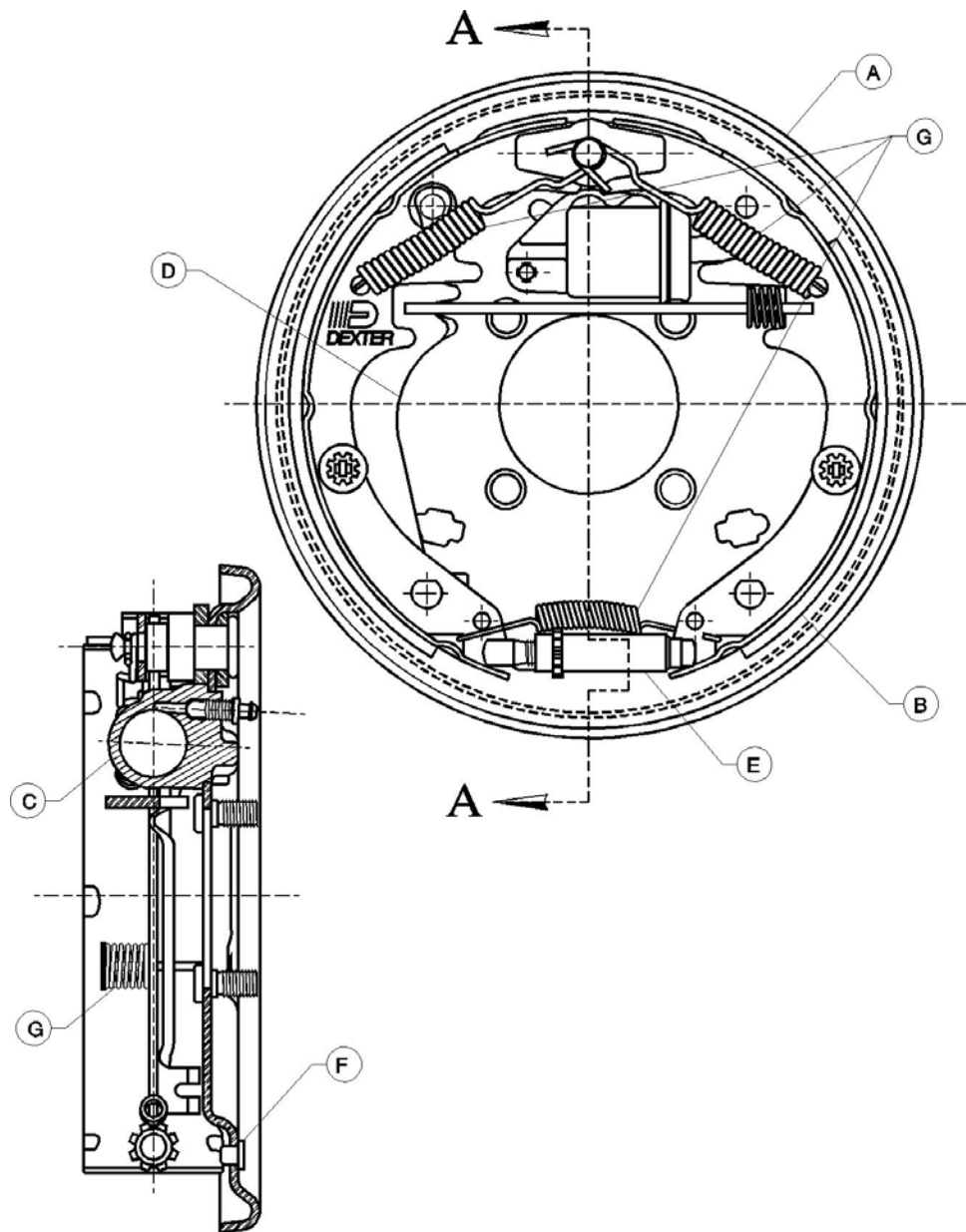
HYDRAULIC AXLE PARKING BRAKE *continued*



22478382_op09_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
K	95934998	Washer, Flat 3/8	2	
L	95928867	Pin, Cotter .09	2	
M	35126325	Clamp, Cable	2	
N	95929006	Screw, Hex 5/16-18 X 1"	1	
P	35126358	Spacer	1	
Q	35517176	Cable Asm., 78" BRAKE	1	
R	35594076	Cable Asm., 117" BRAKE	1	
S	35300771	Screw, Tapping M06-1.0 X 20	1	
T	35253038	Clamp, Rubber Coated	3	
U	35252600	Nut, Locking 5/16-18	1	

HYDRAULIC BRAKE SHOE

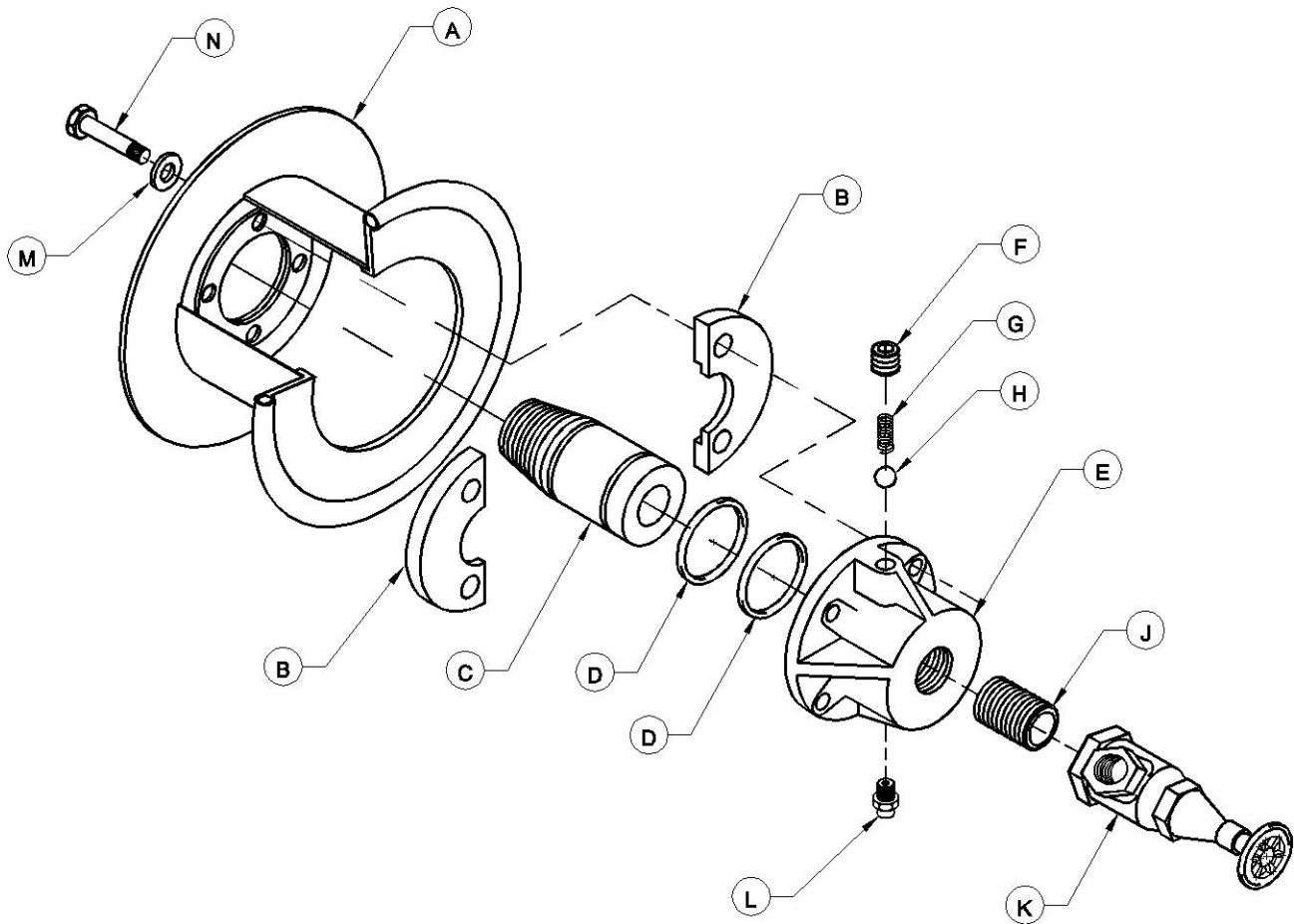


SECTION A-A

22478382_op03_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35391432	Plate Assembly, Backing	2	
B	35391556	Brake Shoe Kit	2	
C	35391440	Cylinder, LH Brake	1	
	35391457	Cylinder, RH Brake	1	
D	35391580	Lever & Pin, LH Parking	1	
	35391598	Lever & Pin, RH Parking	1	
E	35393727	Screw Assembly., Adjusting	2	
F	35391481	Plug, Adjusting Slot	4	
G	35391507	Brake Spring Kit	2	

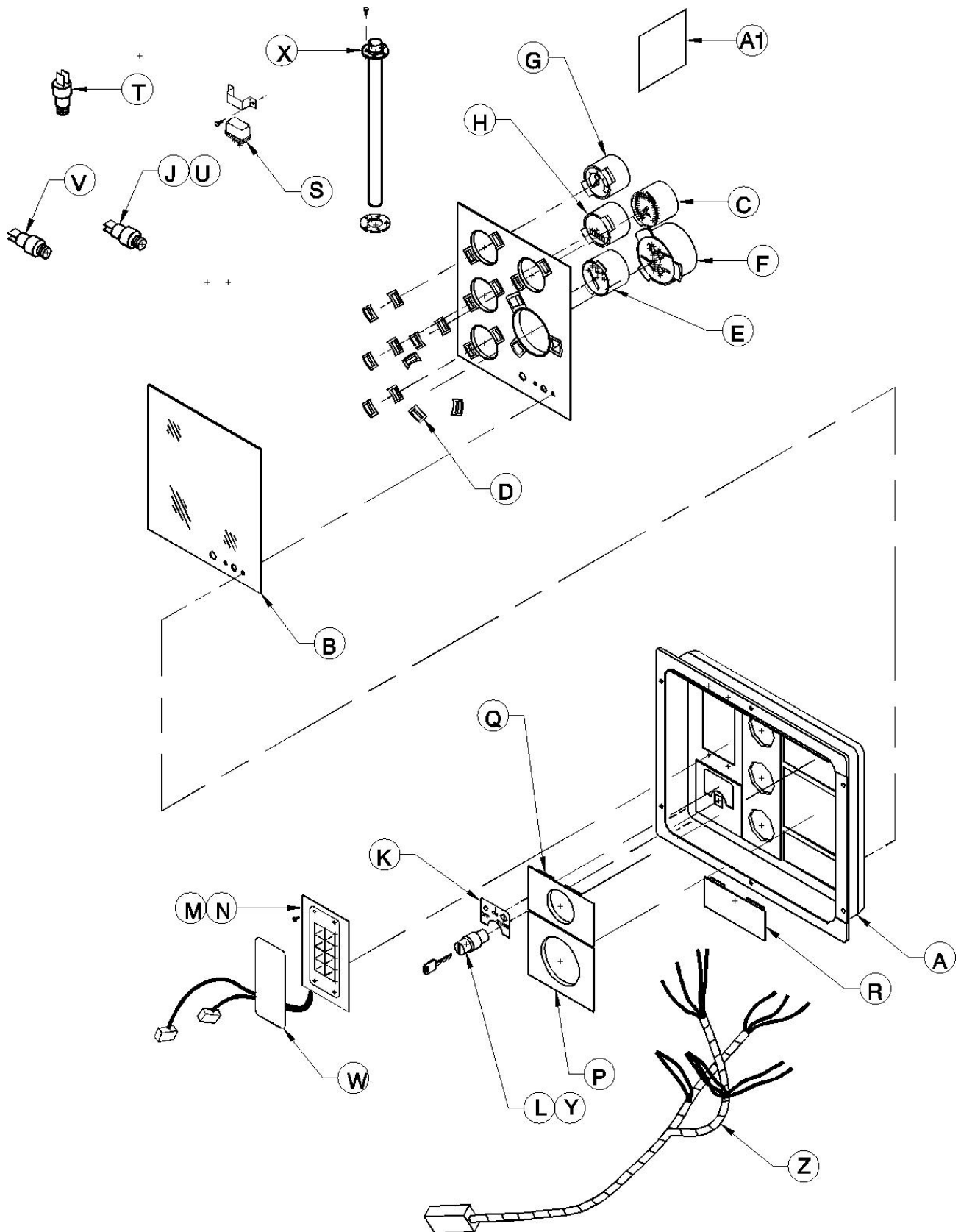
HOSE REEL ASSEMBLY



22478382_op21_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36765212	Hose Reel	1	
B	36765188	Cover, Bearing	2	
C	36765196	Shaft, Bearing	1	
D	95358297	O-Ring	2	
E	36762706	Bearing, Hose Reel	1	
F	95928222	Plug	1	
G	90671242	Spring	1	
H	35221902	Ball, Retard	1	
J	95928040	Nipple	1	
K	95072971	Valve, Globe	1	
L	35221894	Fitting, 1/8" Lube	1	
M	95937413	Washer, 3/8" Lock	4	
N	95934584	Screw, Hex 3/8-16 X 1.50"	4	

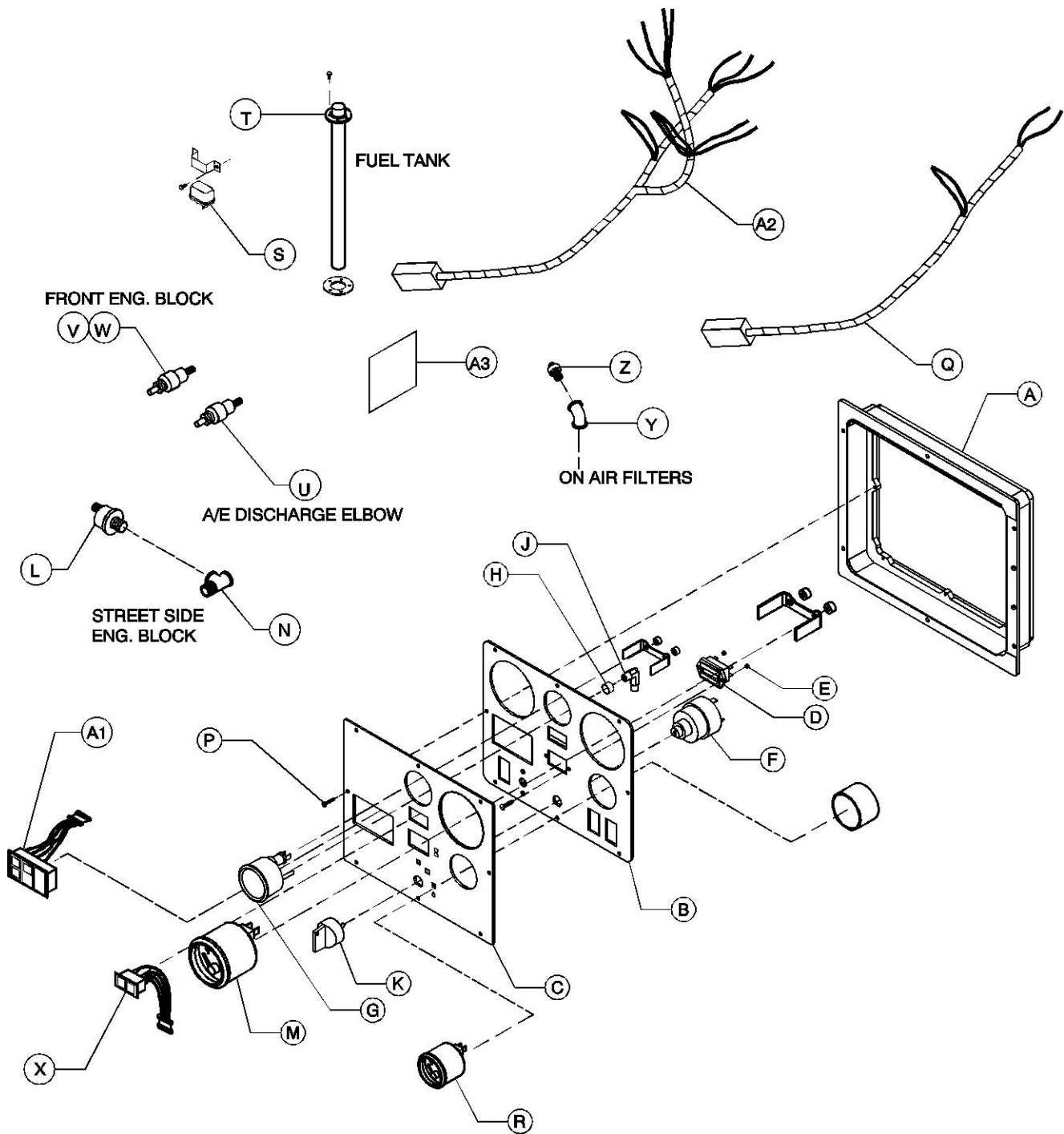
INSTRUMENT PANEL wo/ START-RUN VALVE Prior to S/N 323546



22478382_op28a_A_01/07

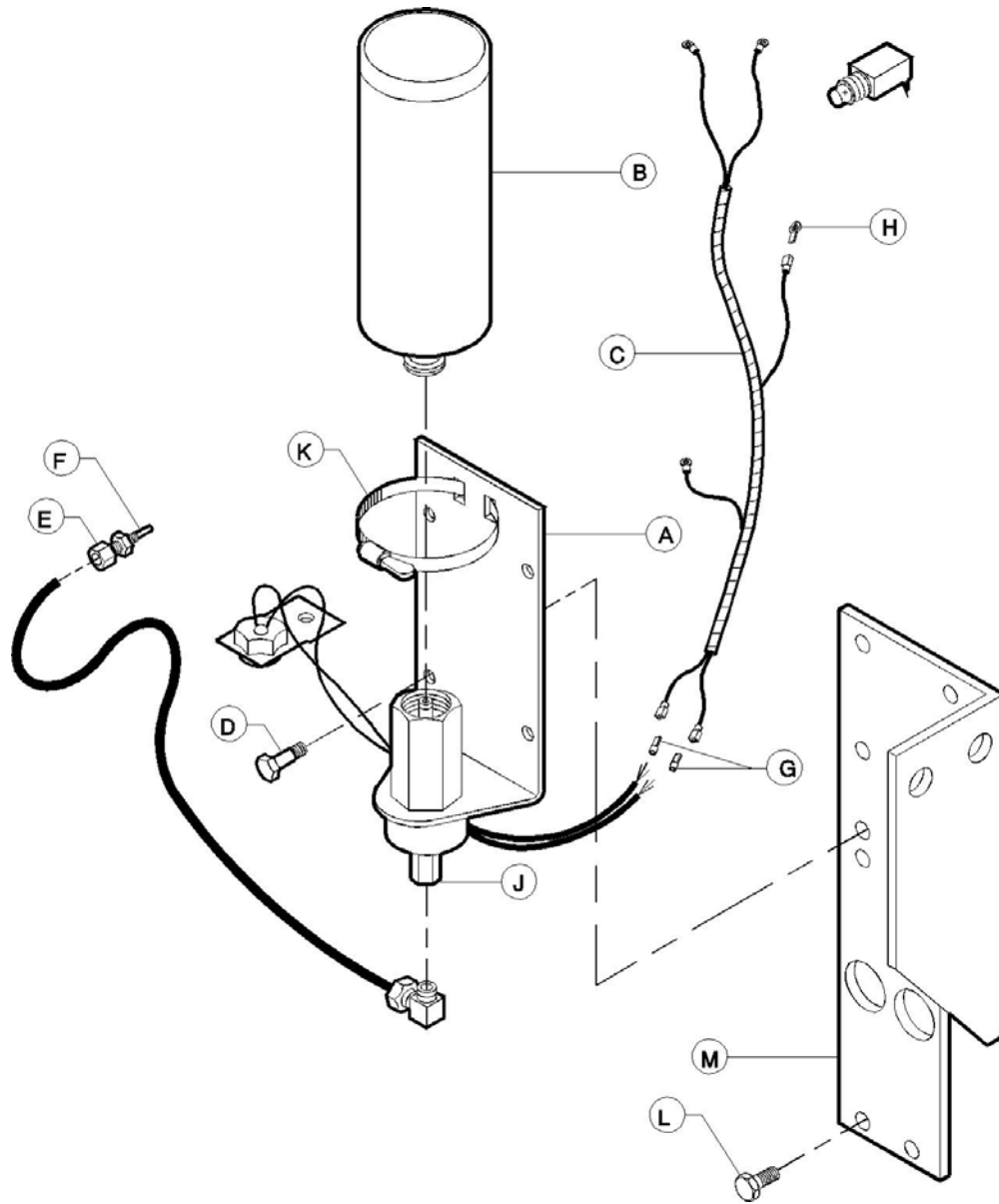
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36884492	Recessed Frame Assembly	1	
B	35390368	Panel, Acrylic	1	
C	36879740	Tachometer	1	
D	36880730	Clip, Gauge Retaining	1	
E	36879690	Gauge, Fuel Level	1	
F	36879682	Gauge, 4-in-1	1	
G	36879898	Gauge, 150 PSI Pressure	1	
H	36879880	Hourmeter	1	
J	35278571	O-Ring	1	
K	36879971	Decal, Switch	1	
L	36884211	Switch, Ignition	1	
M	36882033	Warning Module Assembly	1	
N	35390400	Screw, #6 X 3/8" Type B	4	
P	36879713	Panel, 3 3/8 Bezel	1	
Q	36879914	Panel, 2 1/16 Bezel	1	
R	35390327	Panel, Switch Bezel	1	
S	36856979	Relay, Fuel Shutdown	1	
T	54593843	Sender, Compressor Air Temperature	1	
U	35372457	Sender, Water Temperature	1	
V	36870608	Sender, Oil Pressure	1	
W	36879674	Label, Warning Module	1	
X	36882611	Sender, Fuel Level	1	
Y	36884229	Key	1	
Z	54599121	Harness, Engine A/E	1	
A1	54587936	Decal, Option Wiring	1	

INSTRUMENT PANEL wo/ START-RUN VALVE Begin w/ S/N 323546



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54749601	Frame, WW Instrument Panel	1	
B	22171680	Panel, Instrument	1	
C	22171698	Decal, WW Instrument Panel	1	
D	22054175	Meter, Elect / Mech Hour	1	
E	22054159	Nut, PlacticC #4-40	2	
F	22127385	Switch, Ignition	1	
G	35604065	Gauge, 150 PSI Pressure	1	
H	95935599	Coupling, Std 1/8 NPT X .75"	1	
J	35370386	Elbow, 1/8 NPT X 3/8 Tube	1	
K	22134118	Knob ASM.	1	
L	36780608	Sender, Oil Pressure	1	
M	22058291	Gauge, 4 in 1	1	
N	39127287	Tee, 1/8 NPT Street	1	
P	22070494	Screw, Pan Hd. #8-32 X 0.6	8	
Q	36842839	Harness, AFMI	1	
R	35604099	Gauge, Fuel Level	1	
S	54368048	Relay, Fuel Shutdown	1	
T	22058531	Sender, Fuel Level	1	
U	54593843	Sender, Discharge Temperature	1	
V	35372457	Sender, Water Temperature	2	
W	35278571	O-Ring	1	
X	54774112	Module, 2 Light Warning	1	
Y	95956199	Elbow, Street 1/8 NPT X 45°	1	
Z	36847838	Switch, Filter Restriction		
A1	22347009	Module, 4 Light Diagnostic	1	
A2	44006799	Harness, Option Wiring	1	
A3	22823439	Decal, Option Wiring	1	

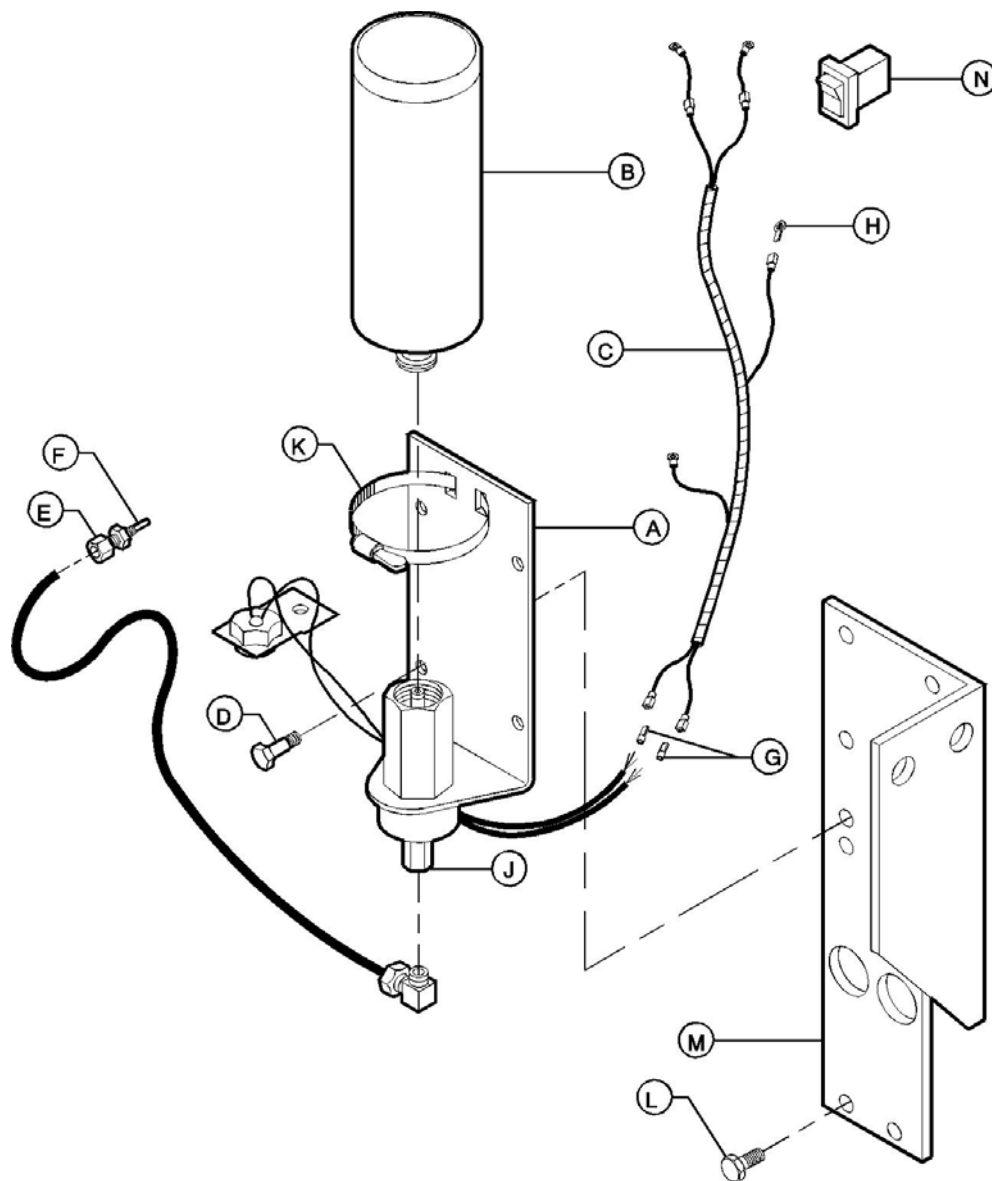
MANUAL COLD START Prior to S/N 328657



22478382_op11b_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35367739	Manual Ether Start	1	
B	35112911	Cylinder, Ether	1	
C	36842821	Harness, Manual Cold Start	1	
D	92368687	Screw, Tapping M06-1.0 X 14	2	
E	36889384	Adapter, Bushing 1/8NPT 7/8-14	1	
F	35315027	Atomizer	1	
G	35306141	Terminal, Connector	2	
H	35367572	Splice, Insulated	1	
J	35367747	Valve	1	
K	35103506	Clamp	1	
L	35279025	Screw, Tapping M08-1.25 X 20	2	
M	36883890	Bracket, Ether / Fuel Filter	1	

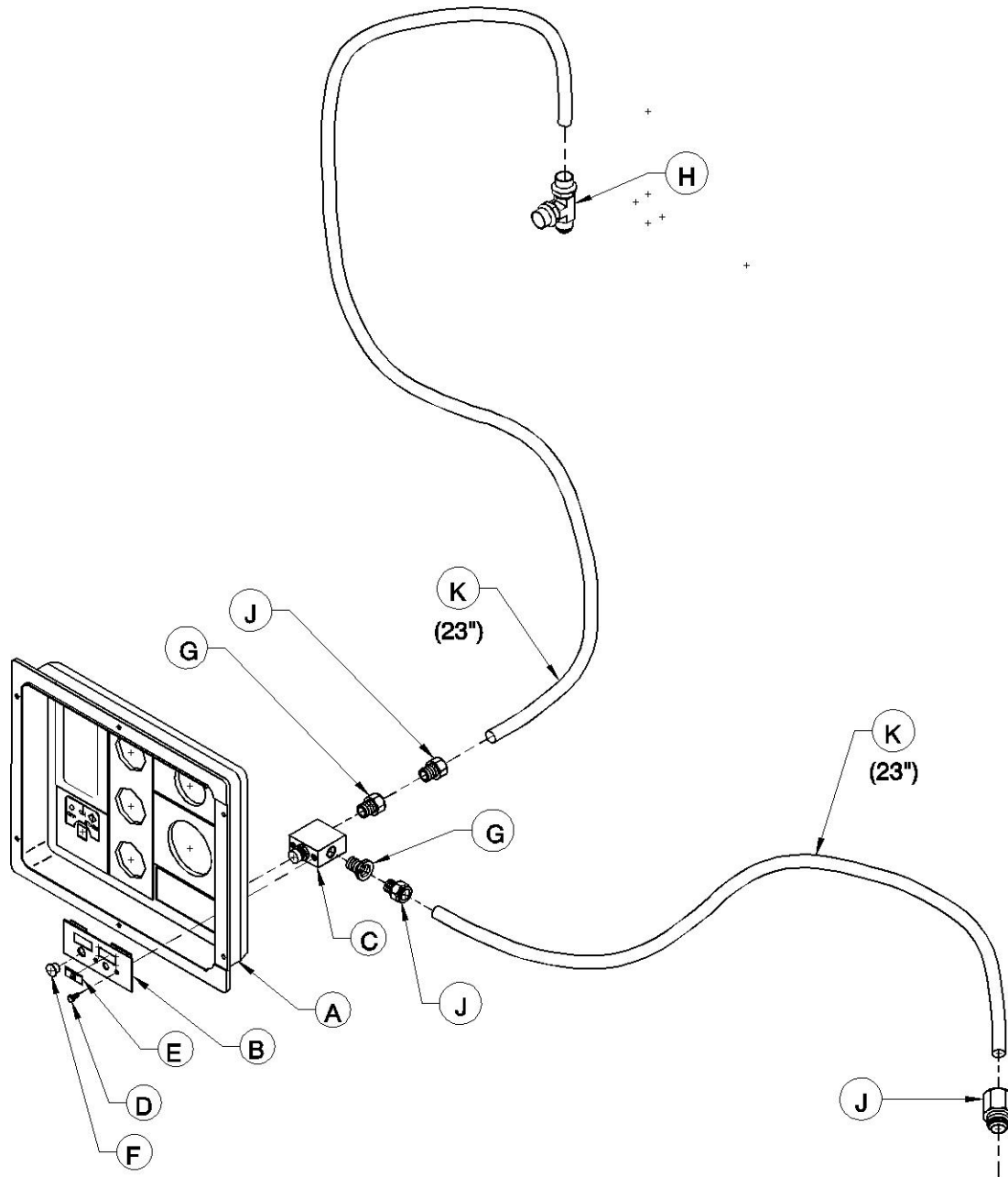
MANUAL COLD START Begin w/ S/N 328657



22478382_op11c_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35367739	Manual Ether Start	1	
B	35112911	Cylinder, Ether	1	
C	36842821	Harness, Manual Cold Start	1	
D	92368687	Screw, Tapping M06-1.0 X 14	2	
E	36889384	Adapter, Bushing 1/8NPT 7/8-14	1	
F	35315027	Atomizer	1	
G	35306141	Terminal, Connector	2	
H	35367572	Splice, Insulated	1	
J	35367747	Valve	1	
K	35103506	Clamp	1	
L	35279025	Screw, Tapping M08-1.25 X 20	2	
M	36883890	Bracket, Ether / Fuel Filter	1	
N	22054068	Switch, Ether Rocker	1	

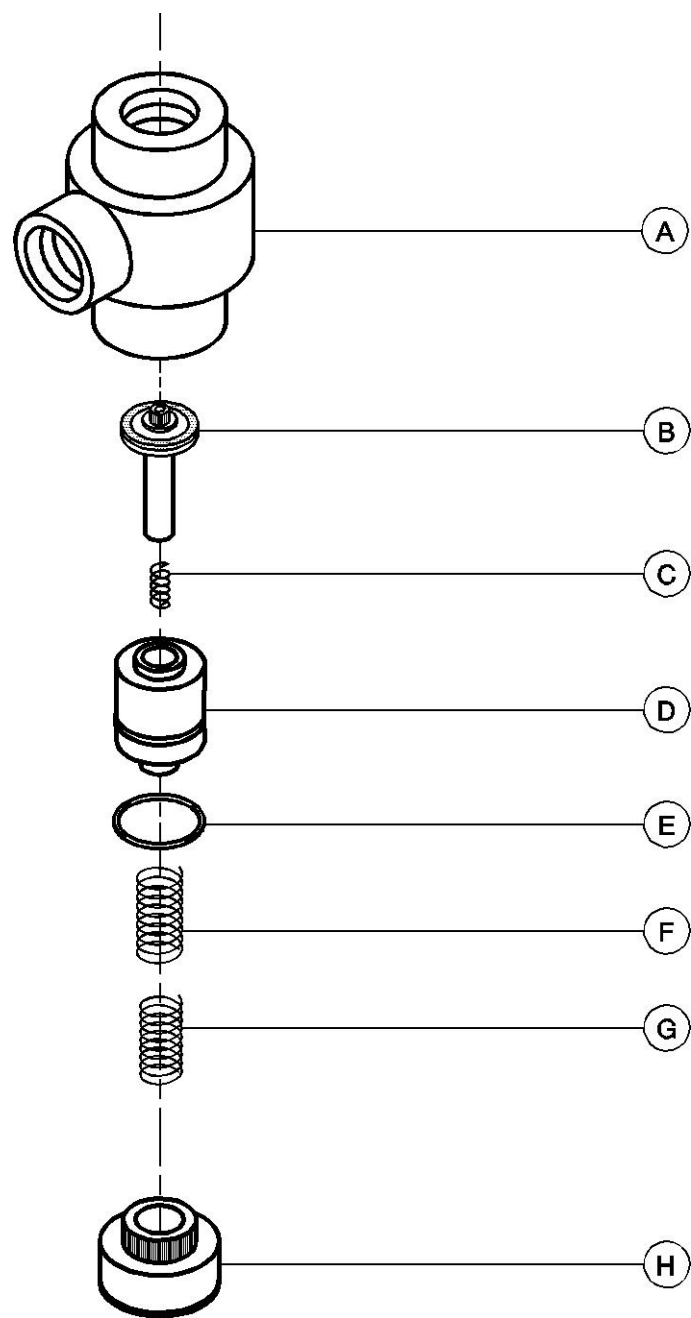
MANUAL START-RUN VALVE Prior to S/N 323546



22478382_op30a_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36884492	Recessed Frame Assembly	1	See Lengths Above
B	36879708	Panel, Switch Bezel	1	
C	36783439	Valve, 2-Way Start-Run	1	
D	36882207	Screw, Pan Hd. M06-1.0 X 12	2	
E	36879963	Decal, Start-Run	1	
F	35282185	Plug	1	
G	35302314	Adapter	2	
H	35369347	Tee, 1/4 NPT X 3/8 Tube	1	
J	35369347	Connector, Male 1/4 NPT X 3/8 Tube	3	
K	35356484	Tubing, 3/8 OD	~	

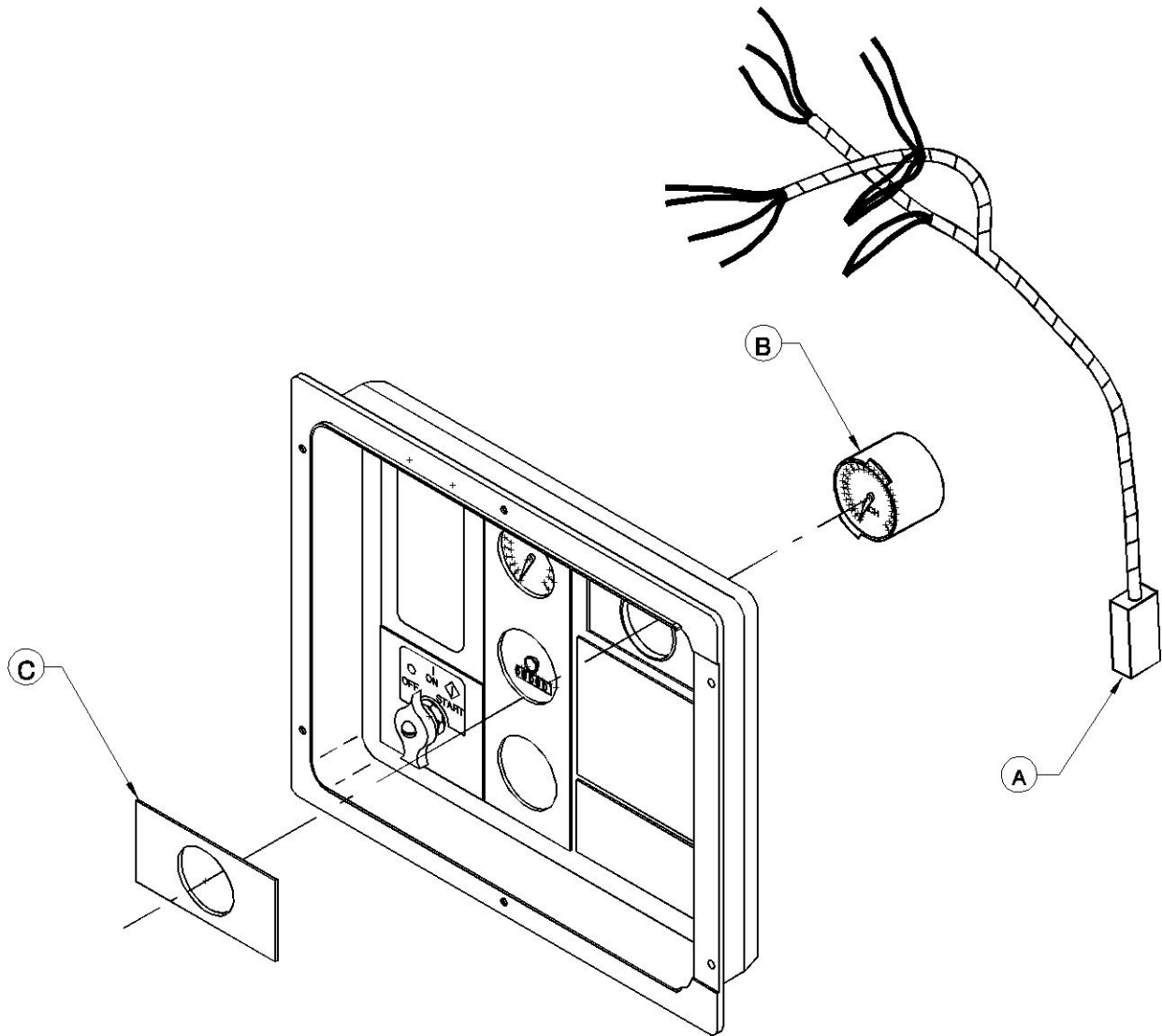
MINIMUM PRESSURE VALVE



22478382_op29_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35382621	Body	1	
B	35382639	CV Assembly	1	
C	35382662	Spring	1	
D	35382647	Piston	1	
E	35382654	O-Ring	1	
F	35382670	Spring	1	
G	35389055	Spring	1	
H	35382688	Cap	1	

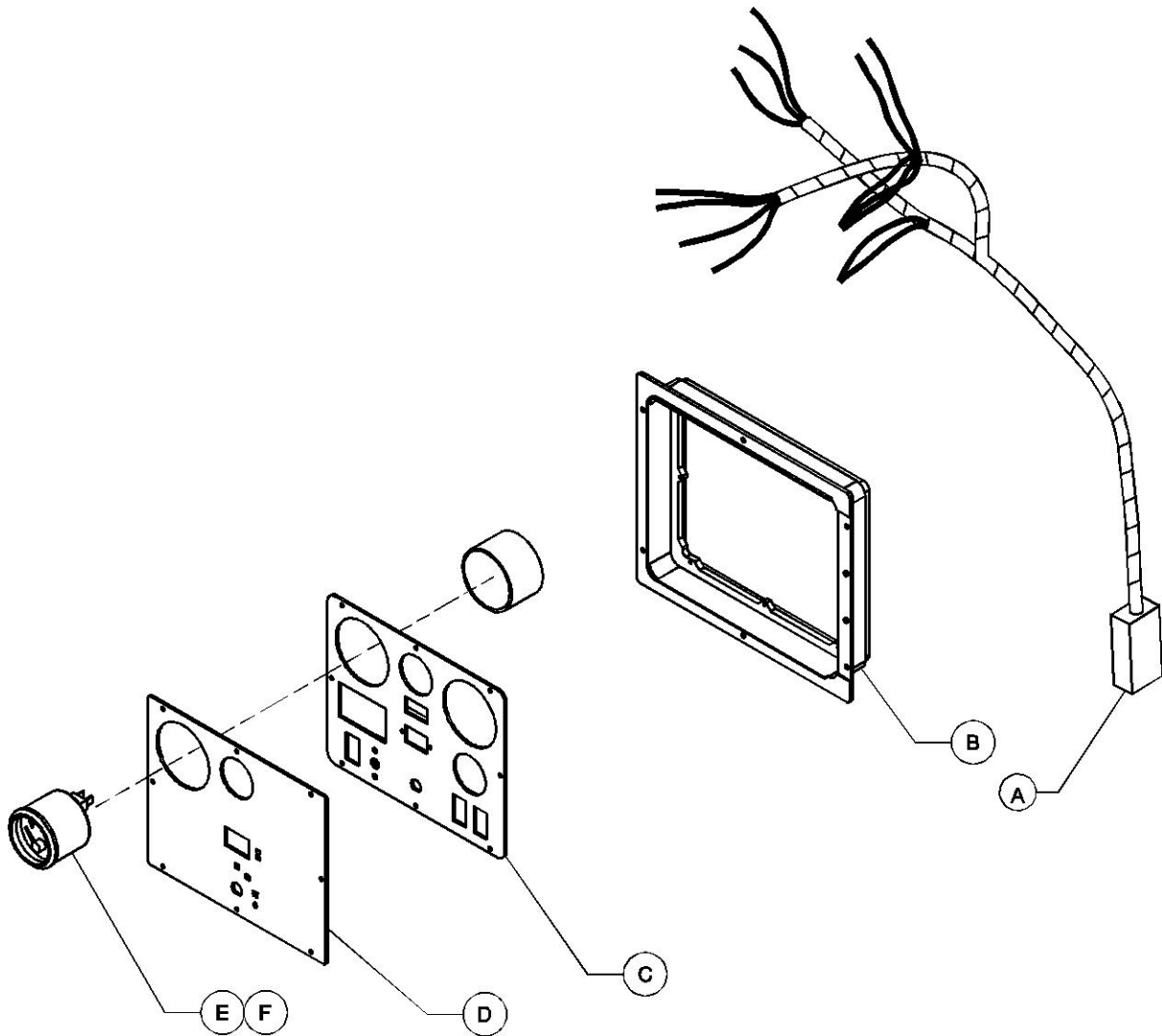
TACHOMETER Prior to S/N 323546



22478382_op20b_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54599121	Harness, Option	1	
B	36879740	Tachometer	1	
C	36879914	Panel, Bezel	1	

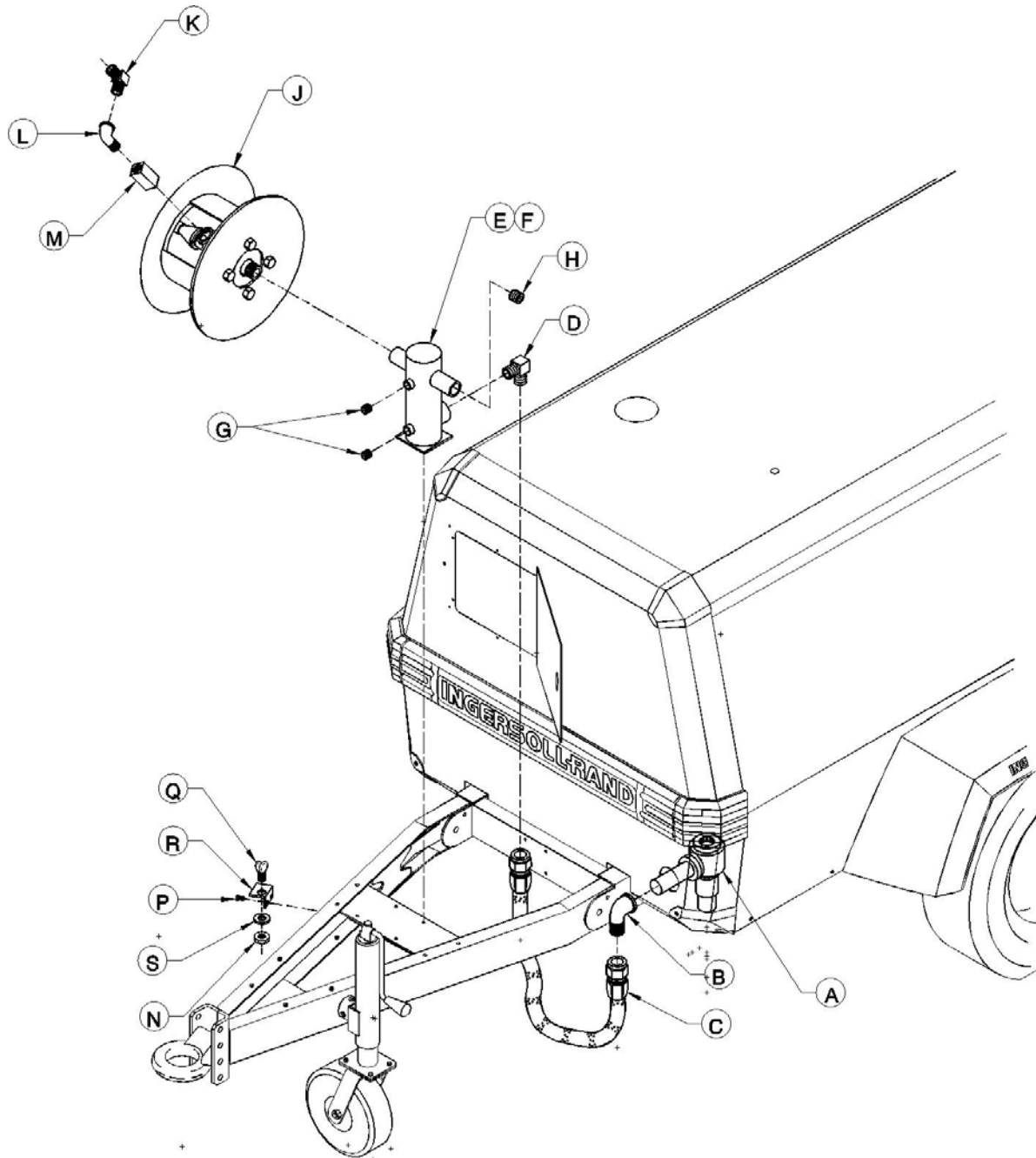
TACHOMETER Begin w/ S/N 323546



22478382_op20c_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22058309	Harness, Option	1	
B	54749601	Frame, Instrument Panel	1	
C	22171680	Panel, Instrument	1	
D	22171698	Decal, Instrument Panel	1	
E	22055883	Tachometer	1	
F	22137426	Lamp, 28V	1	

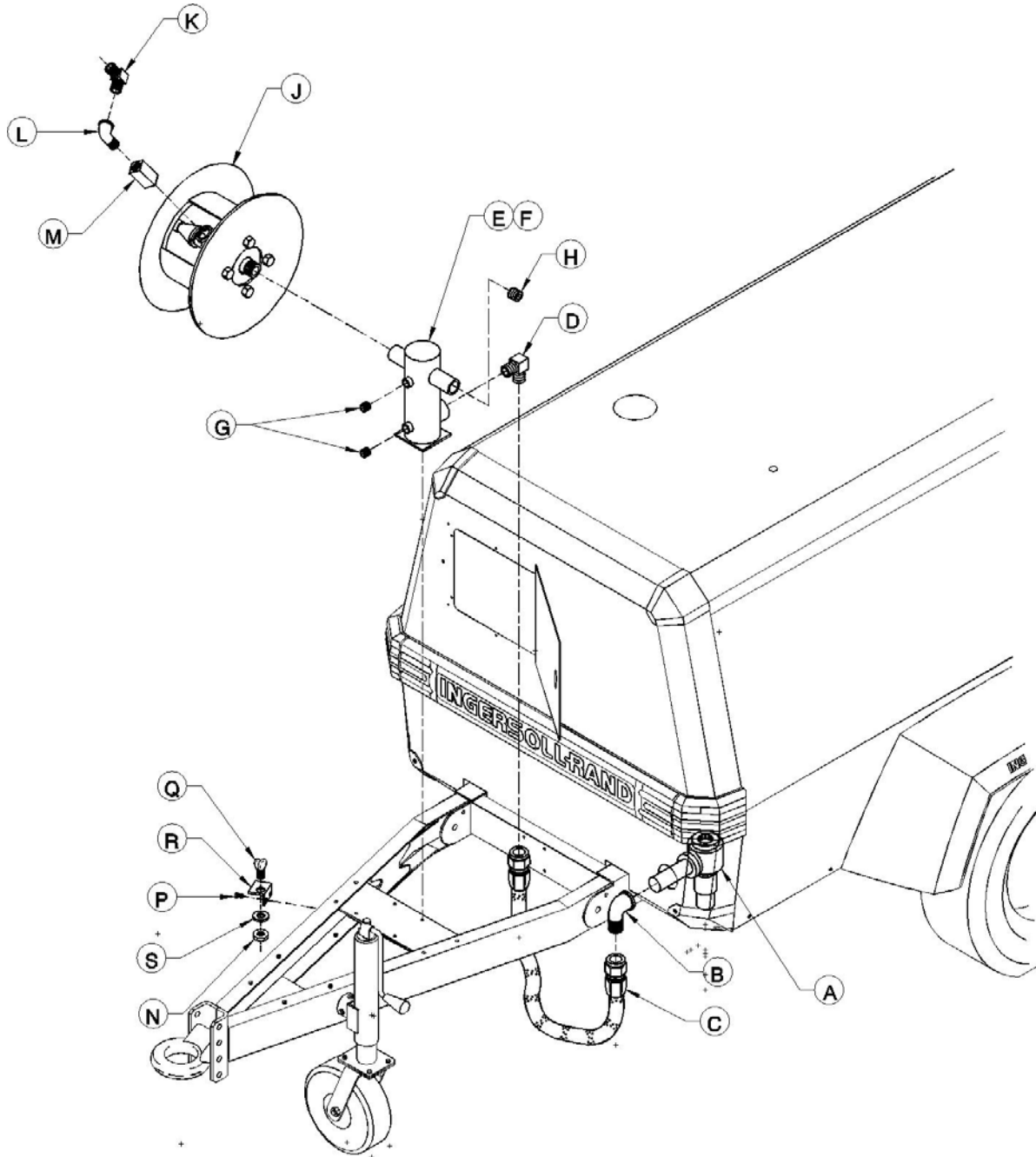
SINGLE HOSE REEL



22478382_op22_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36776219	Valve, Minimum Pressure Check	1	<i>Continued</i>
B	95286530	Elbow, 90°	1	
C	35117480	Hose	1	
D	9529861	Elbow, Tube JIC	1	
E	36755460	Manifold, Hose Reel	1	
F	35374834	Screw, Hex M08-1.25 X 25	4	
G	95947149	Plug, Hex CTSK 3/4"	2	
H	95928248	Plug, Hex CTSK 1"	1	

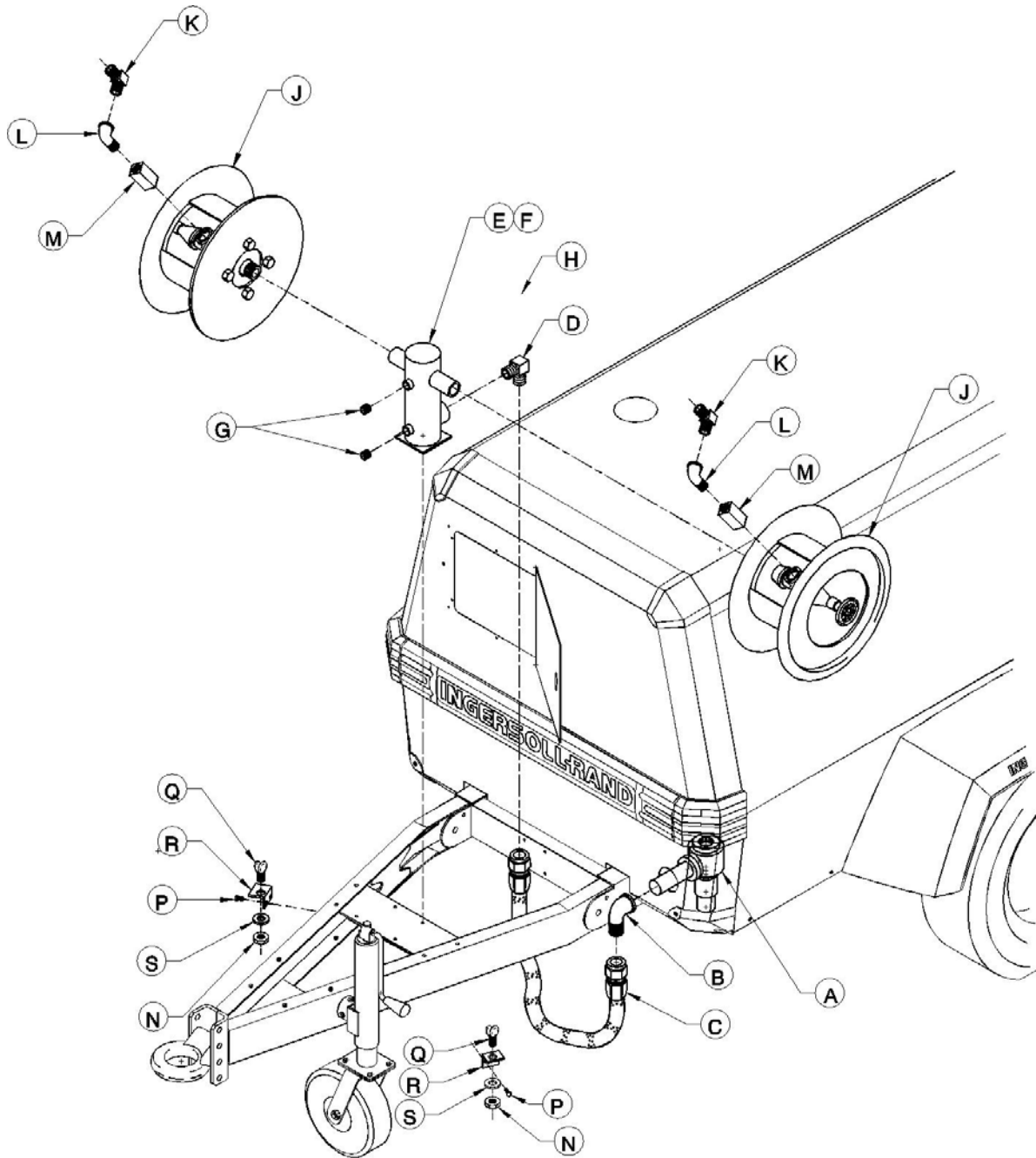
SINGLE HOSE REEL *continued*



22478382_op22_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
J	35097914	Hose Reel Assembly	1	
K	95928198	Elbow, Street 3/4" X 45°	1	
L	95928172	Elbow, Street 3/4" X 90°	1	
M	35364397	Valve, Check	1	
N	35153972	Cap, Hose Lock	2	
P	92368687	Screw, Tapping M06-1.0 X 14	1	
Q	35221910	Lock, Coupling Hose	1	
R	35296748	Bracket, Hose Reel Lock	1	
S	95928321	Washer, Flat 7/8"	2	

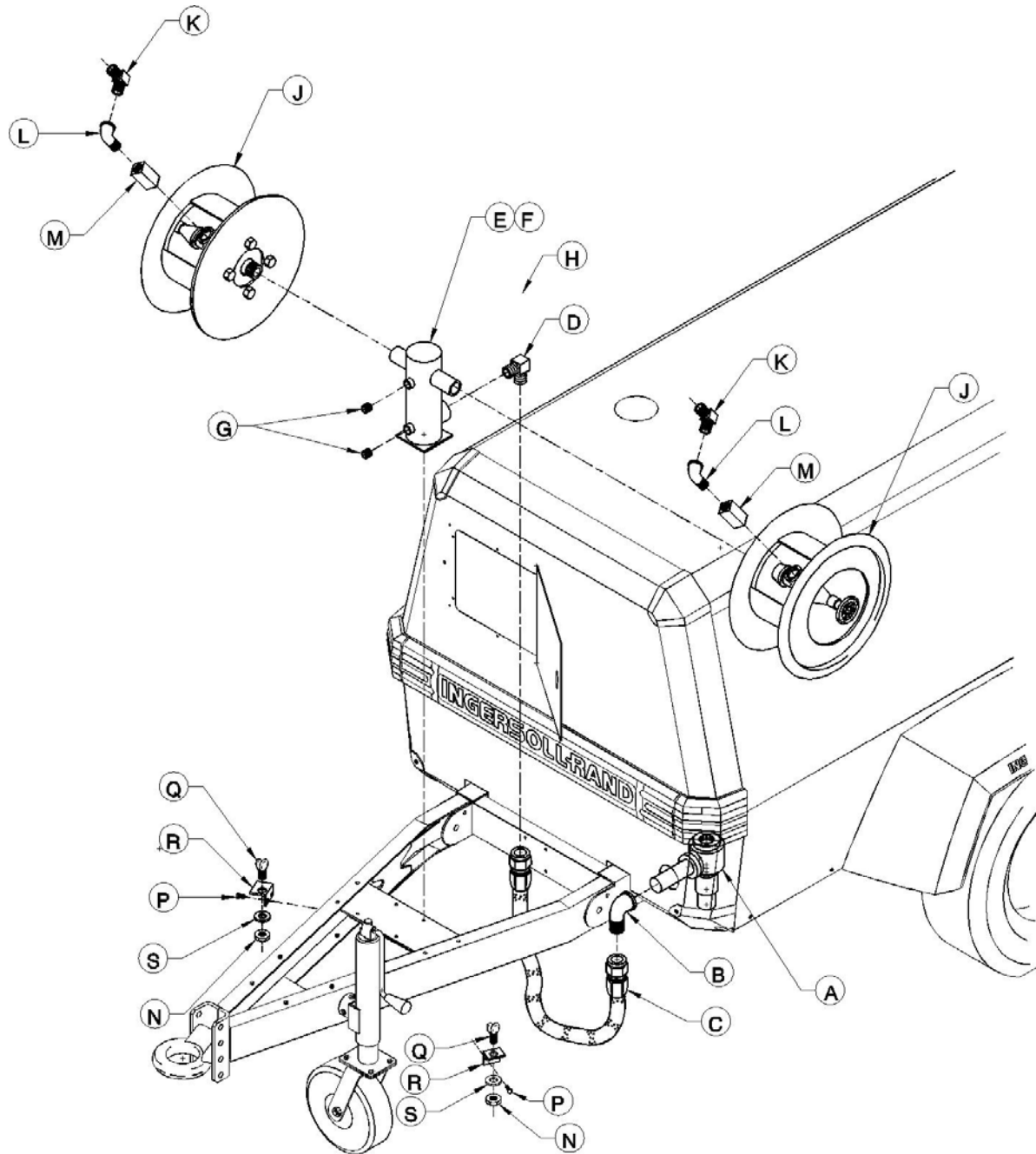
DOUBLE HOSE REEL



22478382_op23_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36773219	Valve, Minimum Pressure Check	1	
B	95286530	Elbow, 90°	1	
C	35117480	Hose	1	
D	9529861	Elbow, Tube JIC	1	
E	36755460	Manifold, Hose Reel	1	
F	35374834	Screw, Hex M08-1.25 X 25	4	
G	95947149	Plug, Hex CTSK 3/4"	2	
H	95928321	Washer, Flat 7/8"	2	
				<i>Continued</i>

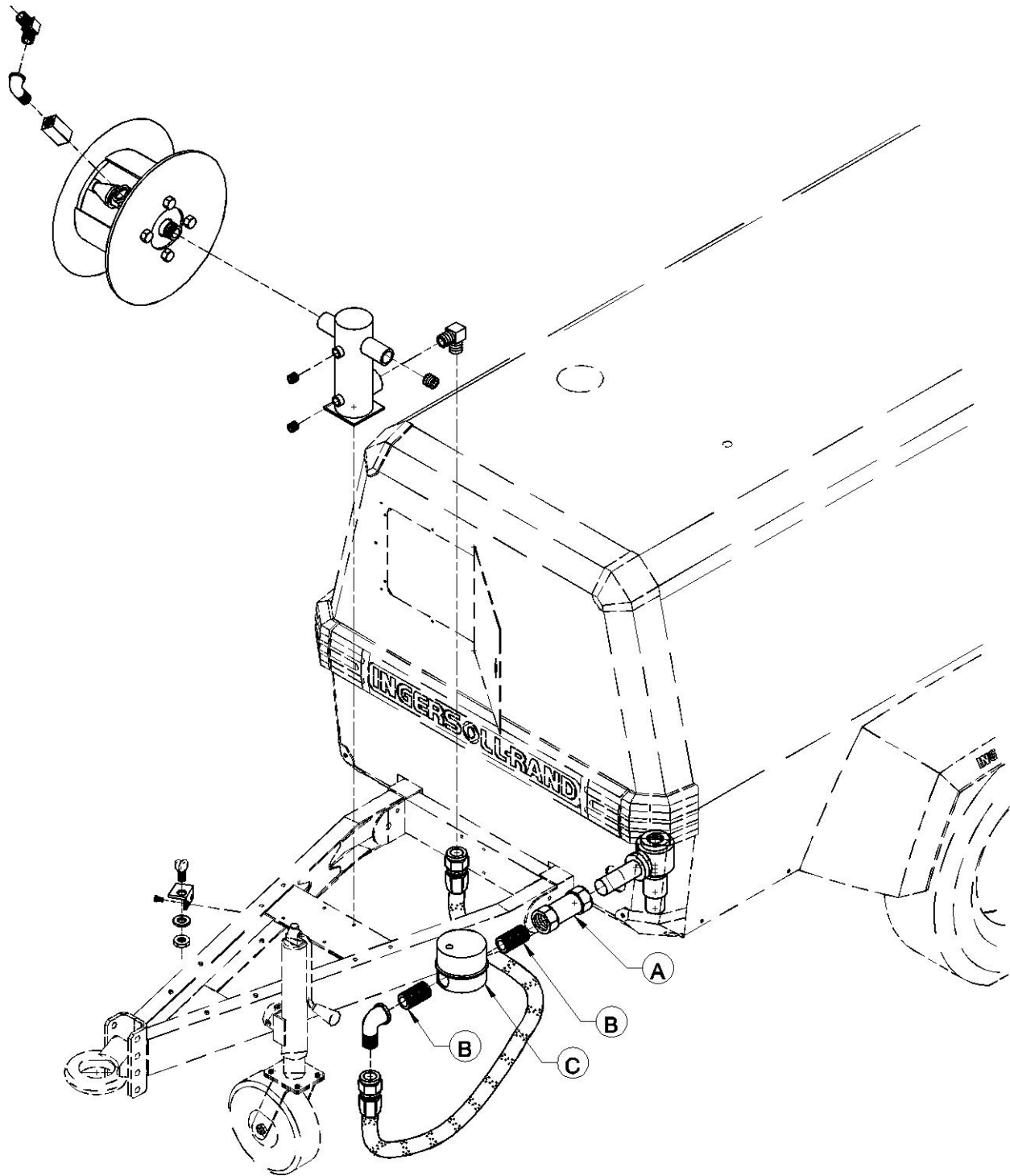
DOUBLE HOSE REEL *continued*



22478382_op23_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
J	35097914	Hose Reel Assembly	1	
K	95928198	Elbow, Street 3/4" X 45°	1	
L	95928172	Elbow, Street 3/4" X 90°	1	
M	35364397	Valve, Check	1	
N	35153972	Cap, Hose Lock	2	
P	92368687	Screw, Tapping M06-1.0 X 14	1	
Q	35221910	Lock, Coupling Hose	1	
R	35296748	Bracket, Hose Reel Lock	1	

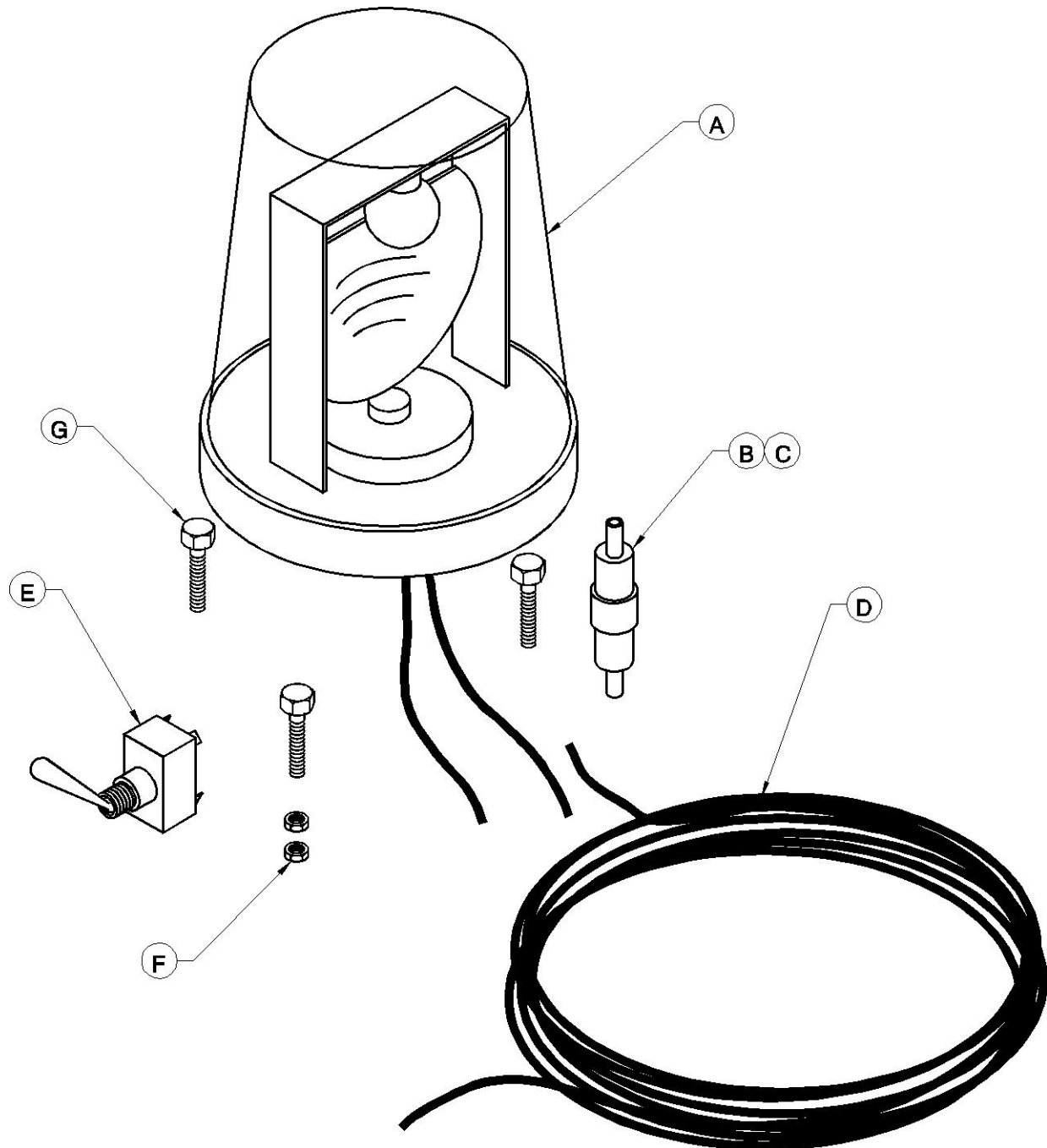
HOSE REEL LUBRICATOR



22478382_op24_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95941373	Union, 1 1/4" NPT	1	
B	95953600	Nipple, 1 1/4" X 2"	2	
C	35255025	Lubricator, 1 Quart	1	
	35356252	Lubricator, 2 Quart	1	

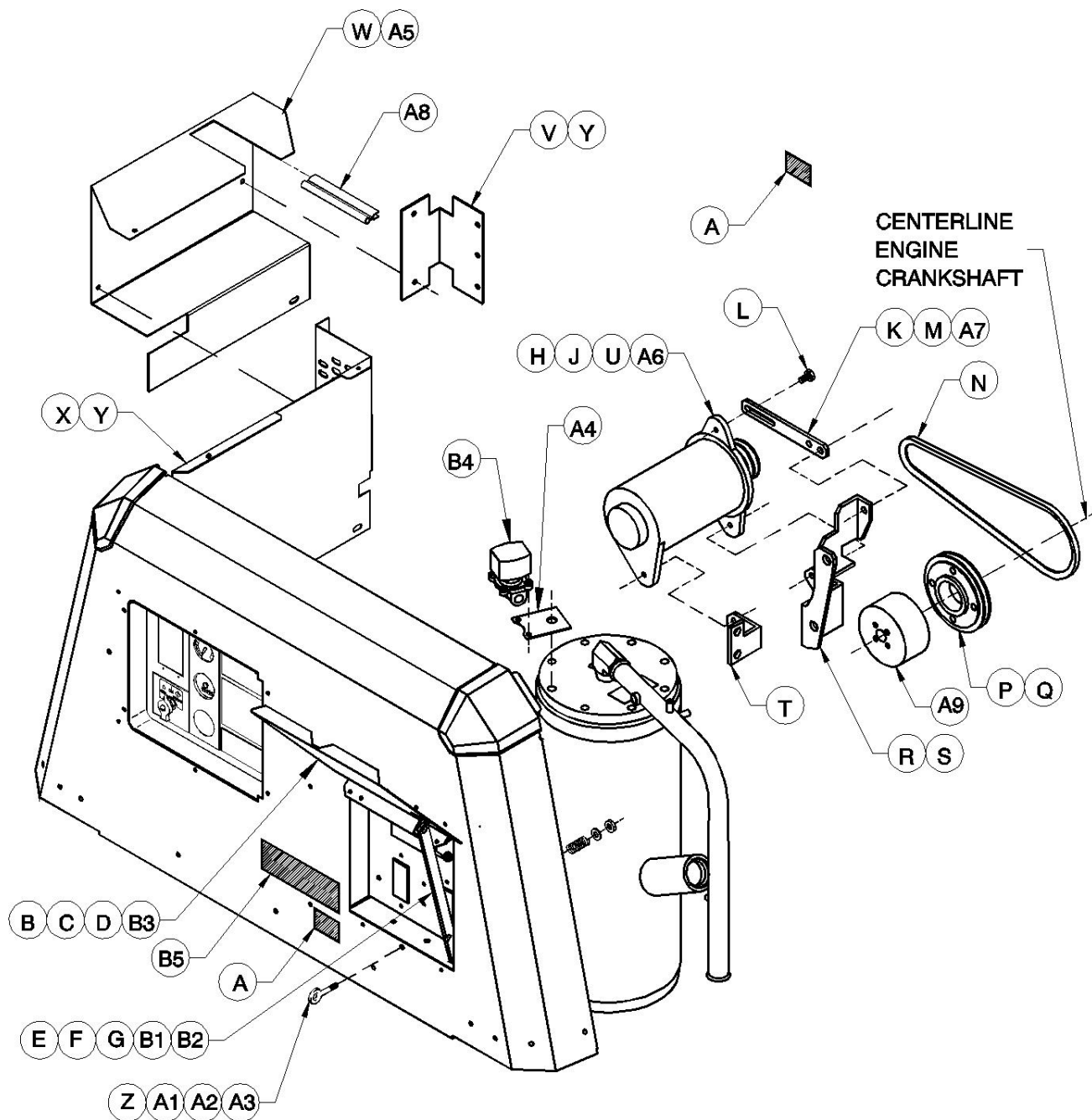
REVOLVING LIGHT



22478382_op27_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35366111	Light, Amber Flashing	1	
B	35316645	Fuseholder	1	
C	35298041	Fuse, 20 AMP	1	
D	35124114	Wire, 14 AWG	120"	
E	35337435	Switch, Toggle	6	
F	35265388	Nut, Lock #10-24	6	
G	95163473	Screw, Hex #10-24 X 1.25"	3	

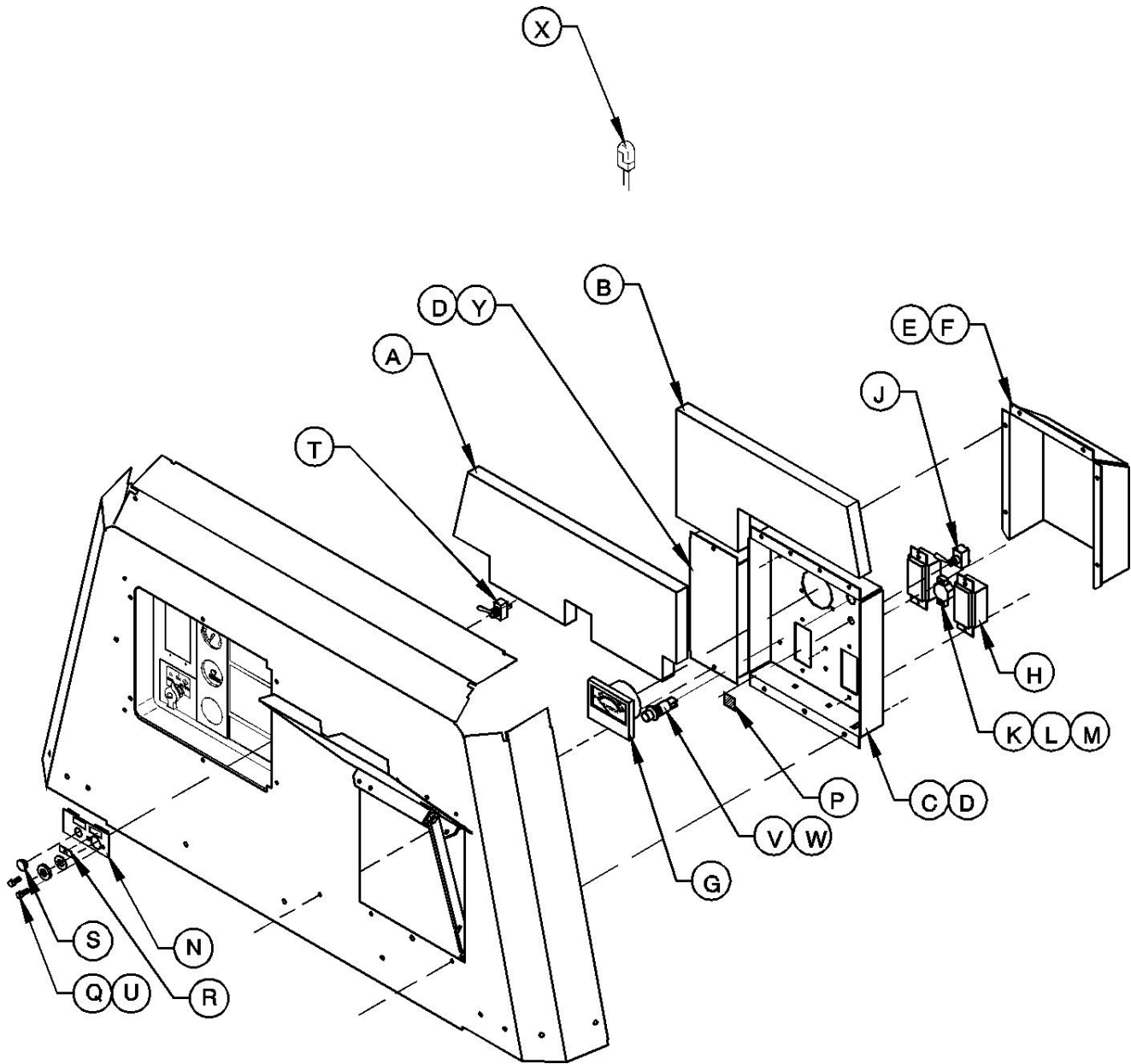
3.0 KW GENERATOR



22478382_op31_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54605027	Decal, Hazardous Voltage	2	
B	36895381	Door, Control Panel	1	
C	36890085	Hinge, Control Panel	1	
D	54721212	Rivet, 3/16 Aluminum	6	
E	36895506	Arm, Control Panel Support	1	
F	35158617	Washer, Spring	1	
G	96702287	Screw, Hex M10-1.5 X 25	1	
H	36884427	Generator Assembly	1	
J	35271162	Screw, Hex M08-1.25 X 30	2	
K	35611391	Strap, Alternator Adjustment	1	
L	95929006	Screw, Hex 3/16-18 X 1"	1	
M	96701917	Screw, Hex M10-1.5 X 30	1	
N	36892610	Belt, V 10 mm	1	
P	36895233	Pulley, Crankshaft	1	
Q	95055349	Screw, Cap Shoulder 3/16-18 X 1"	4	
R	36892511	Bracket, Generator Front	1	
S	36793040	Screw, Flange Head M16-2.0 X 40	2	
T	36892529	Bracket, Generator Rear	1	
U	95934303	Washer, Lock	2	
V	54443718	Bracket, Generator Guard	1	
W	54441811	Guard, Generator	1	
X	54576145	Guard, Toolbox / Generator	1	
Y	36797652	Screw, Tapping M06-1.0 X 12	5	
Z	35607829	Eyebolt, 1/4 x 2.5"	1	
A1	95935029	Washer, Flat	1	
A2	35607837	Spring, Compression	1	
A3	95923298	Nut, Hex Lock 1/4-20	1	
A4	36892669	Bracket, Solenoid Valve	1	
A5	35279025	Screw, Tapping M08-1.25 X 20	3	
A6	36881886	Nut, Hex Flange M08-1.25	2	
A7	36879195	Nut, Hex Flange M10-1.5	1	
A8	36879765	Strip, Seal	1	
A9	36895761	Adapter, Crankshaft Pulley	1	
B1	95935037	Washer, Flat	1	
B2	35312024	Nut, Hex Lock M10-1.5	1	
B3	54721220	Rivet, 3/16 Aluminum	4	
B4	36843142	Valve, Solenoid 12 V	1	
B5	54630058	Decal, Generator Operation	1	

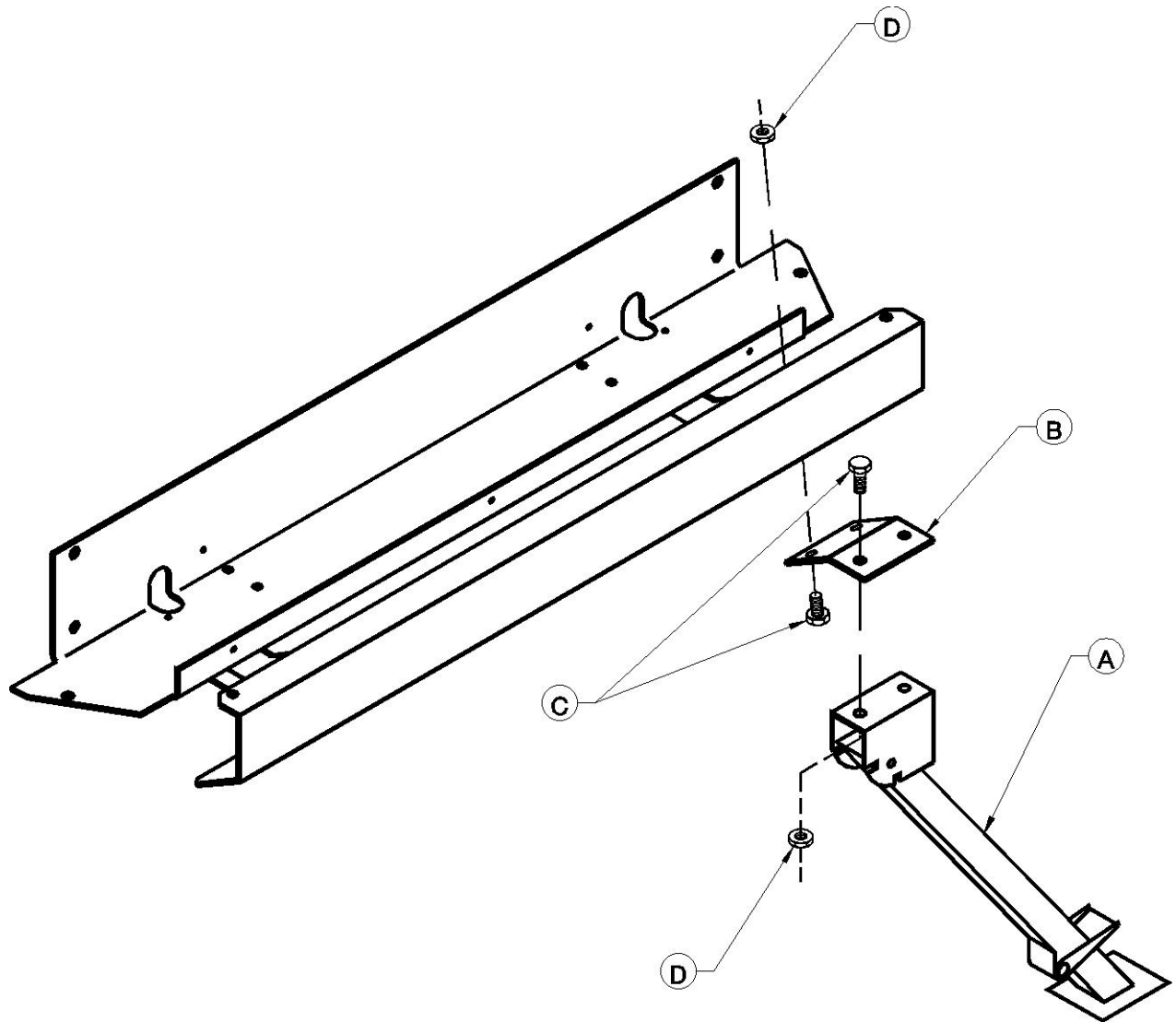
3.0 KW GENERATOR CONTROL PANEL



22478382_op32_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36895423	Panel, ACST Top Front Lower	1	
B	36895431	Panel, ACST Top Front Upper	1	
C	36895332	Panel, Generator Control	1	
D	36920486	Rivet, 3/16 SS	8	
E	54472428	Cover, Generator Control Box	1	
F	36797652	Screw, Tapping M06-1.0 X 12	1	
G	36884435	Meter, Volt	1	
H	36848745	Receptacle, Duplex 125 V 20 A	2	
J	36892545	Switch, 3 Position	1	
K	95923124	Nut, Hex #10-32	2	
L	36892560	Breaker, Circuit 25 A	1	
M	95942603	Screw, Pan Hd. #10-32 X 3/4"	2	
N	36879708	Panel Switch Bezel	1	
P	36532984	Decal. Gen-Air-Gen/Air	1	
Q	36882207	Screw, Pan Hd. M06-1.0 X 12	2	
R	36532993	Decal, Start-Run / Warm-up	1	
S	35282185	Plug	1	
T	36895449	Switch,SPDT Toggle	1	
U	96700851	Nut, Hex M06-1.0	2	
V	36883825	Lamp, Holder Red	1	
W	35333236	Bulb, Incandescent	1	
X	36887776	Diode Assembly	1	
Y	54424015	Regulator, Voltage	1	Furnished w/ Generator

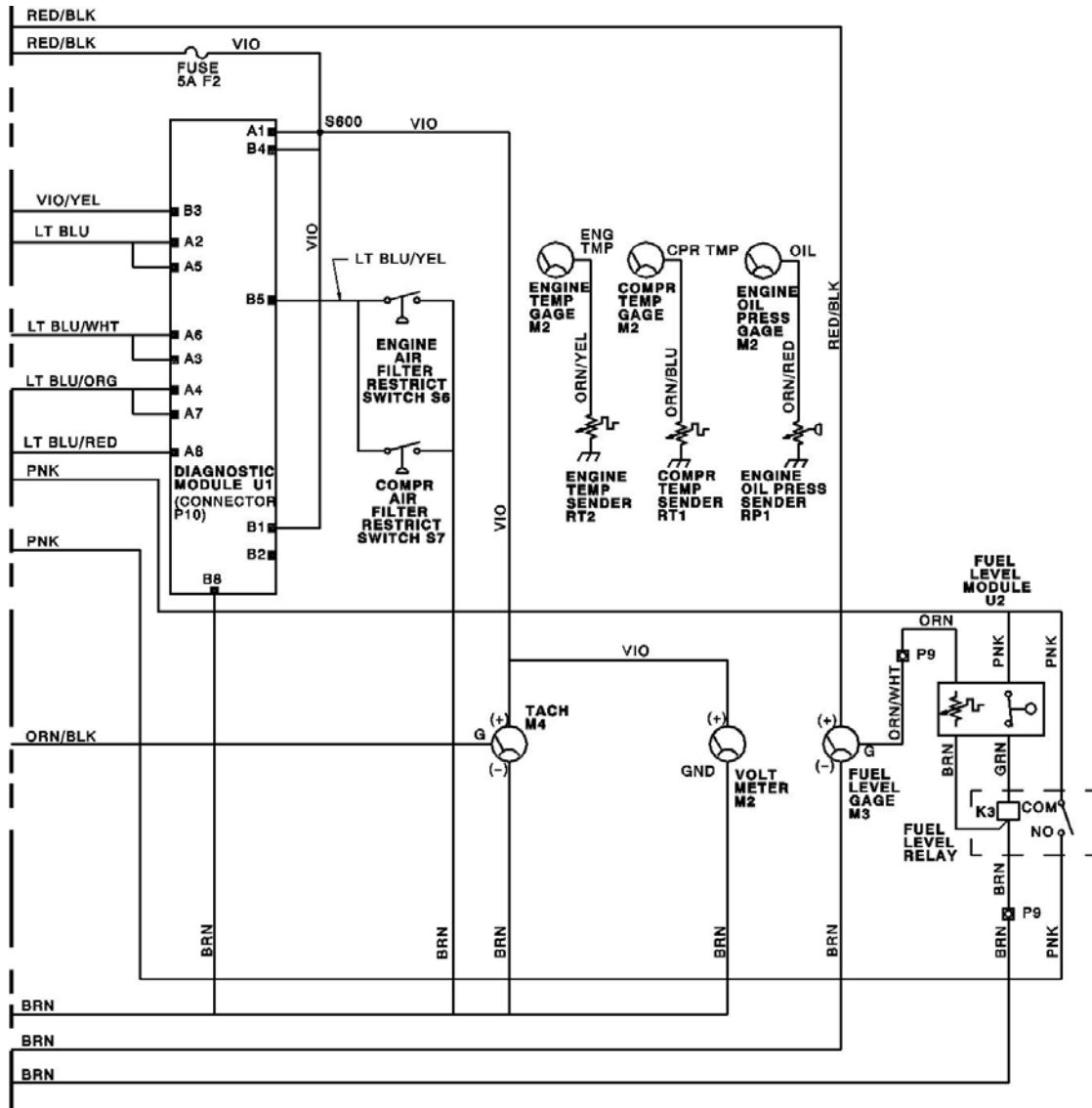
REAR DROPLEG



22478382_op26_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36726586	Dropleg	1	
B	36778124	Bracket, Dropleg	1	
C	35376953	Screw, Hex M10-1.5 X 20	4	
D	36879195	Nut, Hex Flange M10-1.5	4	

OPTION WIRING SCHEMATIC Prior to S/N 331394

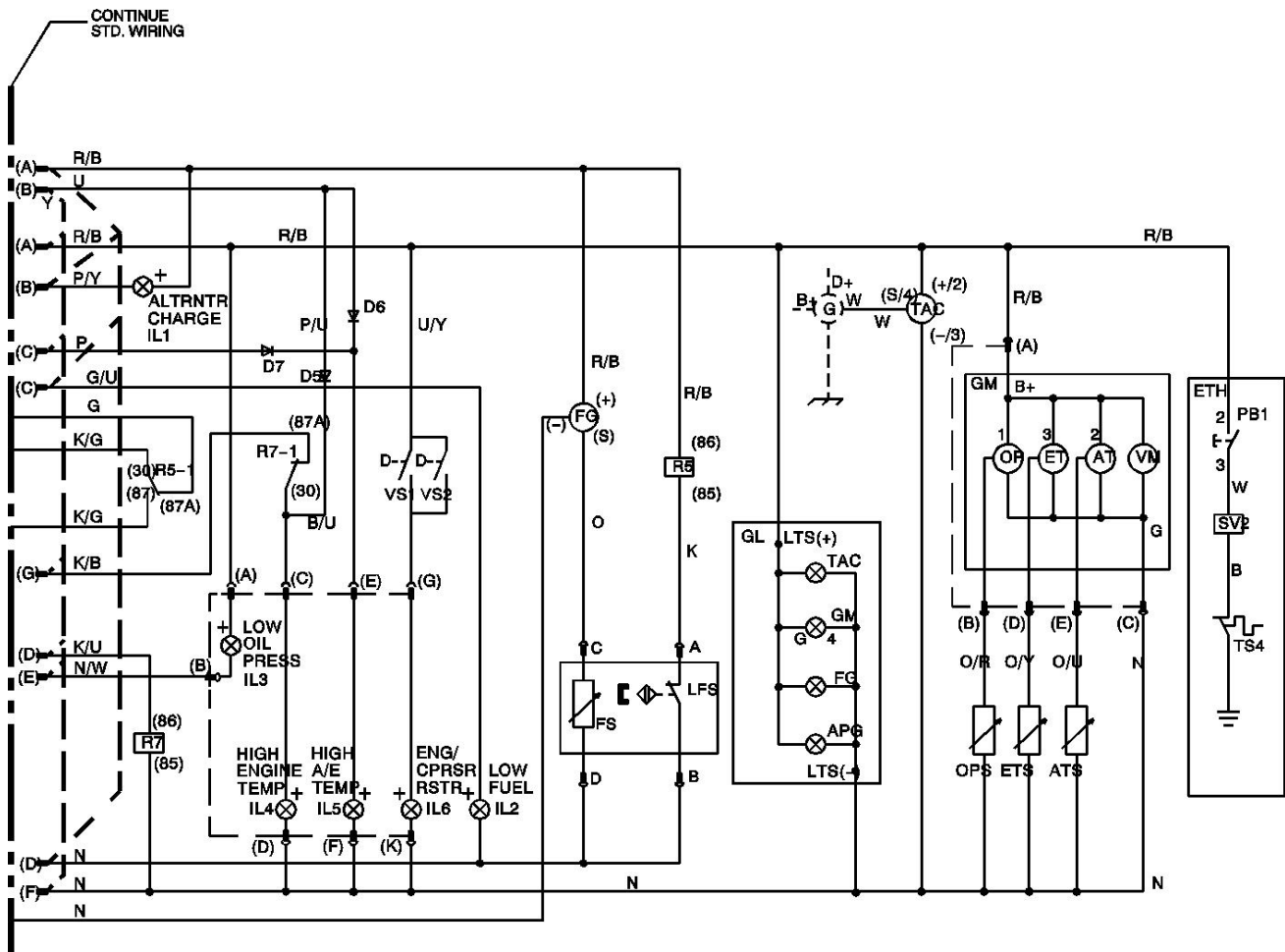


TO SHT1 OF
STANDARD
WIRING DIAG

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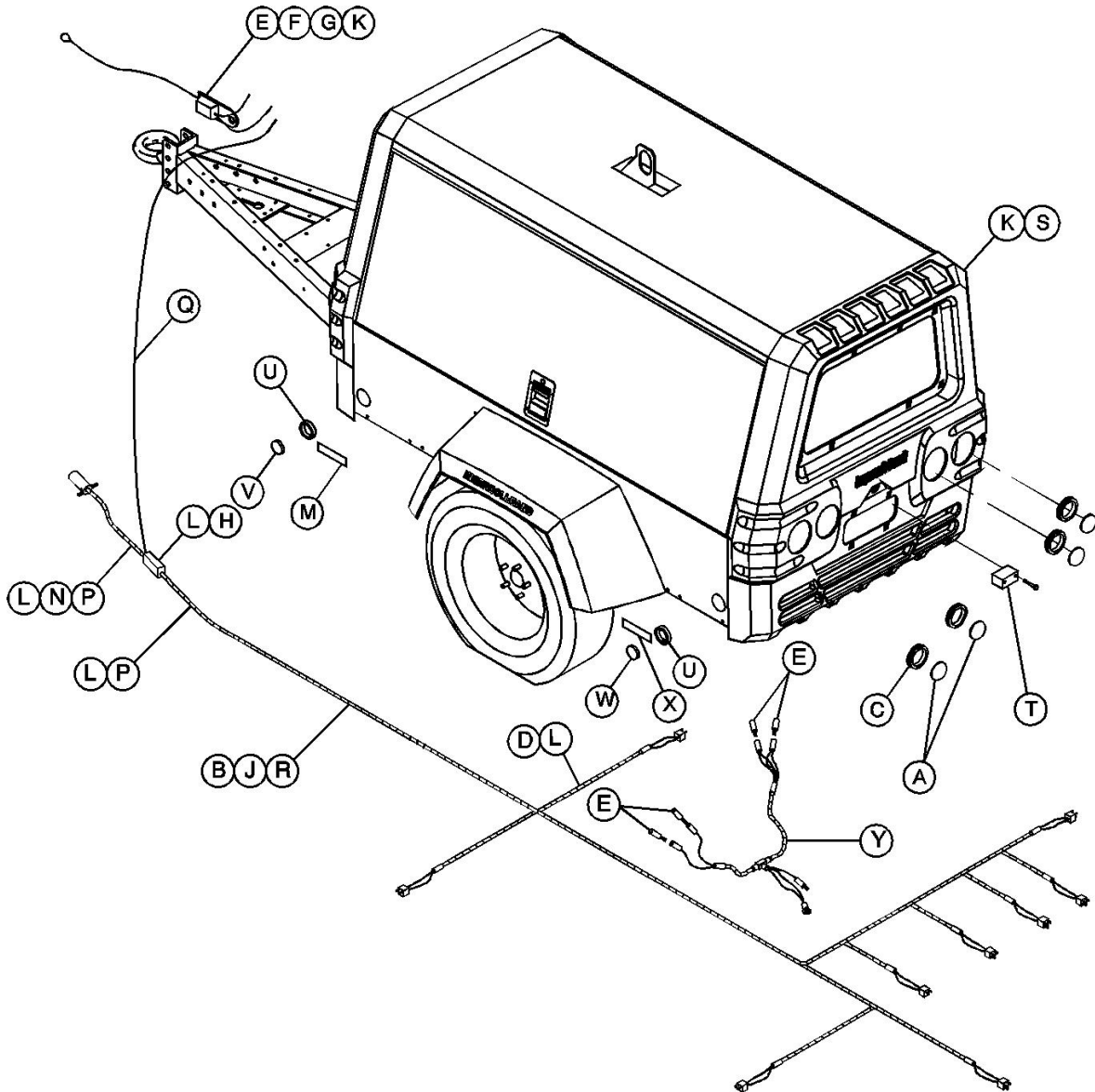
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
F2	36782654	Fuse, 5A		
K3	36856979	Relay, Fuel Shutdown		
M2	36879682	Gauge, 4-in-1		
M3	36879690	Gauge, Fuel Level		
M4	36879740	Tachometer		
RP1	36870608	Sender, Oil Pressure		
RT1	54593843	Sender, Compressor Air Temperature		
RT2	35372457	Sender, Water Temperature		
S6	36847838	Switch, Filter Restriction		
S7	36847838	Switch, Filter Restriction		
U1	36882033	Warning Module Assembly		
U2	36882611	Sender, Fuel Level		

OPTION WIRING SCHEMATIC Begin w/ S/N 331394



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
ATS	35372457	Sender, Water Temperature		
D5	35676169	Diode		
D6	35676169	Diode		
D7	35676169	Diode		
ETH	35367739	Manual Ether Start		
	35377266	Automatic Ether Start		
ETS	35372457	Sender, Water Temperature		
FG	54774096	Gauge, Fuel Level		
FS	22058531	Sender, Fuel Level		Included w/ Item LFS
GL	36852622	Lights, Gauge		
	35333236	Bulb, Incandescent		
GM	22058291	Gauge, 4 in 1		
IL1	54774112	Alternator Charge Indicator Lamp		Included w/ Item IL2
IL2	54774112	Low Fuel Indicator Lamp		Included w/ Item IL1
IL3	22061493	Low Oil Pressure Indicator Lamp		Included w/ Item IL4-IL6
IL4	22061493	High Engine Temperature Indicator Lamp		Included w/ Item IL3, IL5-IL6
IL5	22061493	High A/E Temperature Indicator Lamp		Included w/ Item IL3-IL4, IL6
IL6	22061493	Air Filter Restriction Indicator Lamp		Included w/ Item IL3-IL5
LFS	22058531	Switch, Low Fuel		Included w/ Item FS
OPS	36870608	Sender, Oil Pressure		
PB1	~	Switch, Push Button		Included w/ Item ETH
R5	54368084	Relay		Fuel Shutdown
R7	54368084	Relay		High Engine Temp.
SV2	~	Solenoid, Ether		Included w/ Item ETH
TAC	22055883	Tachometer		
TS4	~	Switch, Engine Temp. Ether		Included w/ Item ETH
VS1	36847838	Switch, Filter Restriction		
VS2	36847838	Switch, Filter Restriction		
W2	22060339	Harness, Option		
W3	22074843	Harness, Gauge Illumination		
W4	36842839	Harness, AFMI		
W5	36842821	Harness, Manual Cold Start		

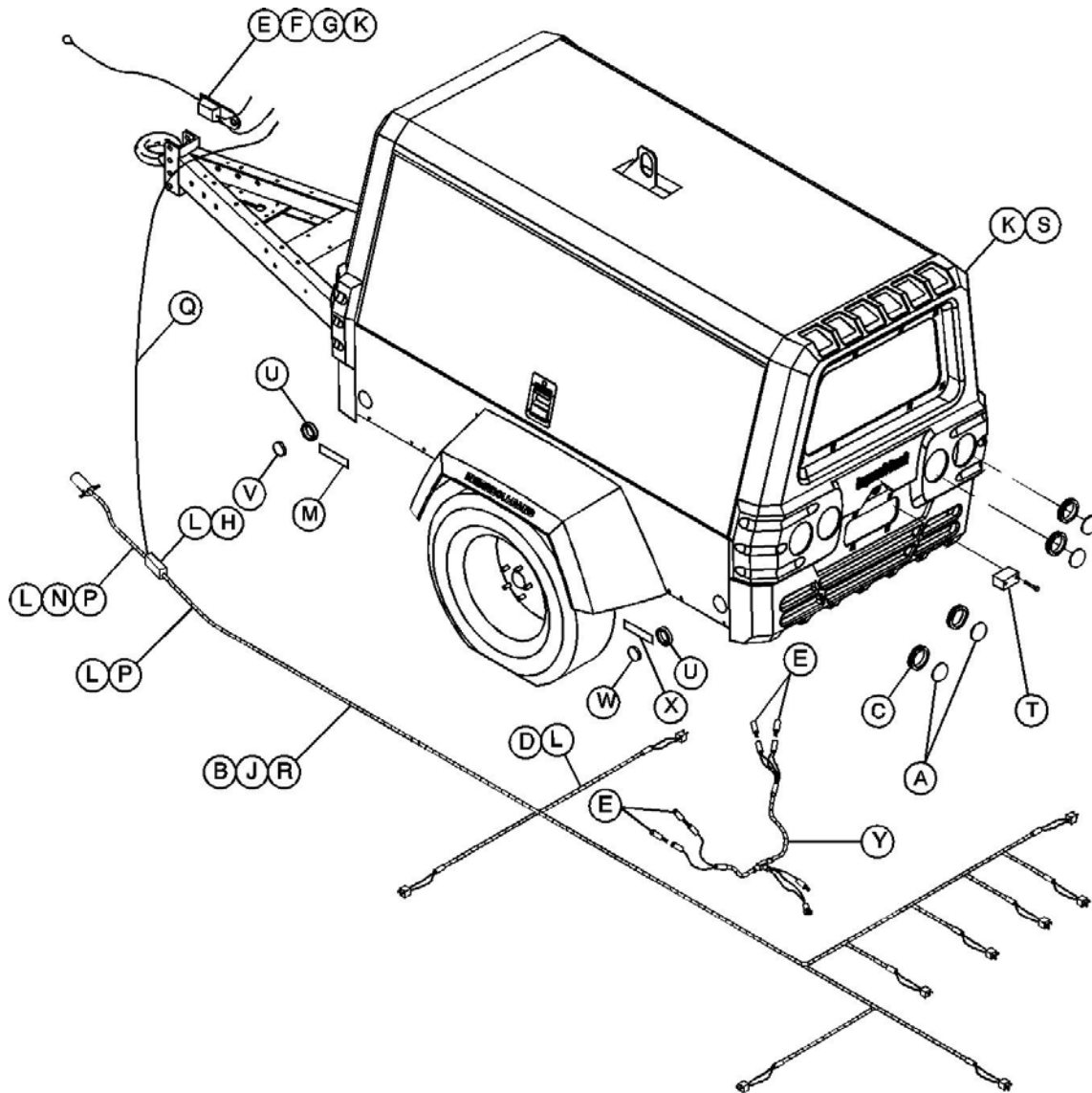
4 LIGHT TRAILER WIRING



22478382_op04_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36788081	Light, Tail	4	<i>Continued</i>
B	36893345	Harness, Tail Light	1	
C	36787968	Grommet, Tail Light	4	
D	36853174	Clamp, 1/4 Support	1	
E	35375427	Terminal, Snap	9	
F	35315944	Switch, Breakaway	1	
G	37140365	Terminal, Splice	1	
H	35346337	Terminal, Lug	1	
J	35253038	Clamp, 3/8 Support	4	
K	36797652	Screw, Tapping M06-1.0 X 12	8	
L	92368687	Screw, Tapping M06-1.0 X 14	6	
M	36894616	Reflector, Amber	2	

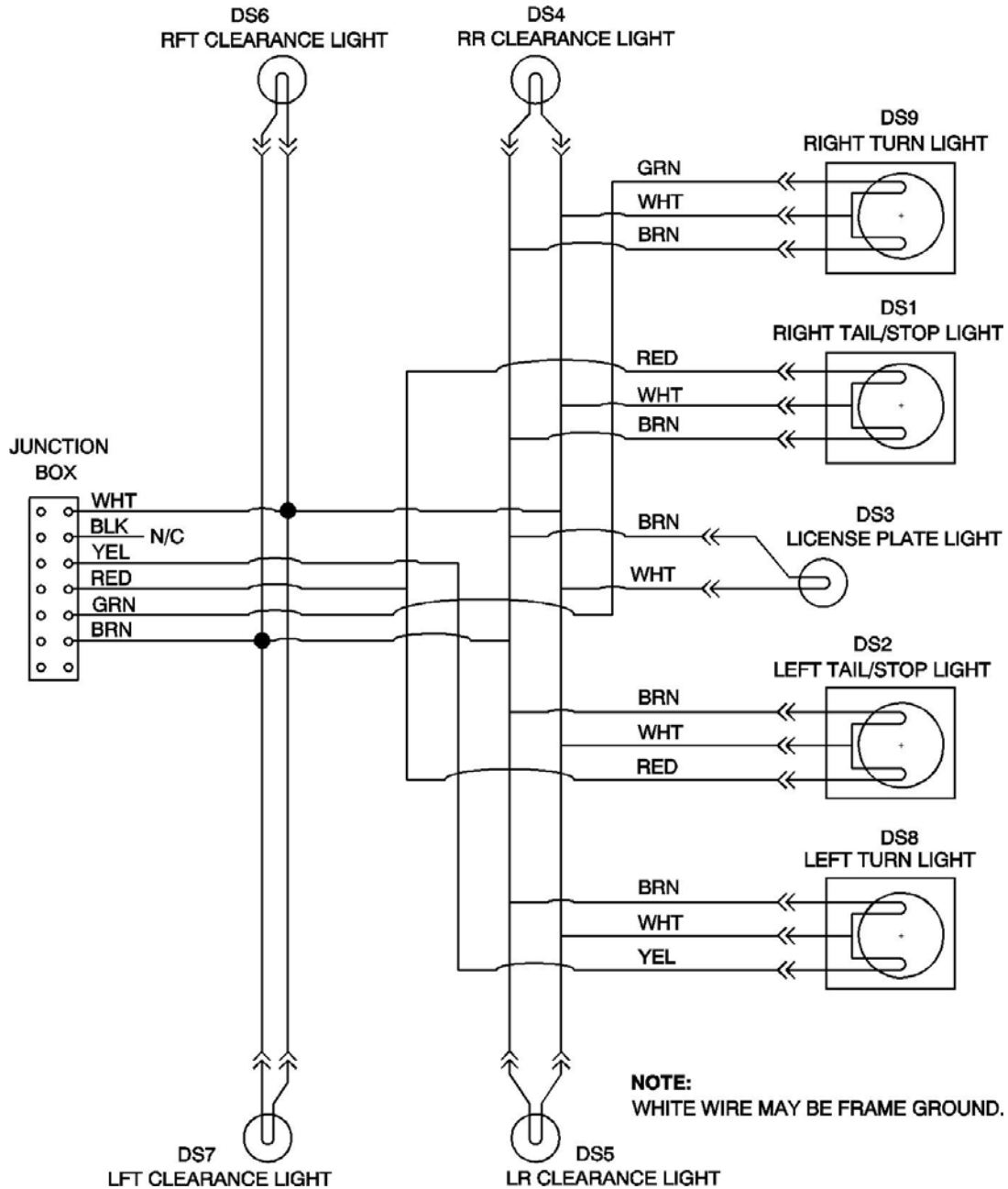
4 LIGHT TRAILER WIRING *continued*



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	36789261	Harness, 6 Cndct Cable (Std Lg Dbar)	1	
	36787216	Harness, 6 Cndct Cable (Ext Lg Dbar)	1	
P	35225093	Clamp, 1/2 Support	6	
Q	35120005	Wire, 14 GA Black	40"	
R	35279025	Screw, Tapping M08-1.25 X 20	3	
S	54473525	Cap, Rear End (Std Paint)	1	
	54729140	Cap, Rear End (Special Paint)	1	
T	54726468	Light, Licence	1	
U	36893634	Grommet, Clearance Light	4	
V	35367051	Light, Yellow Clearance	2	
W	35367044	Light, Red Clearance	2	
X	36894608	Reflector, Red	2	
Y	36895282	Harness, Electric Brake	1	

4 LIGHT WIRING SCHEMATIC



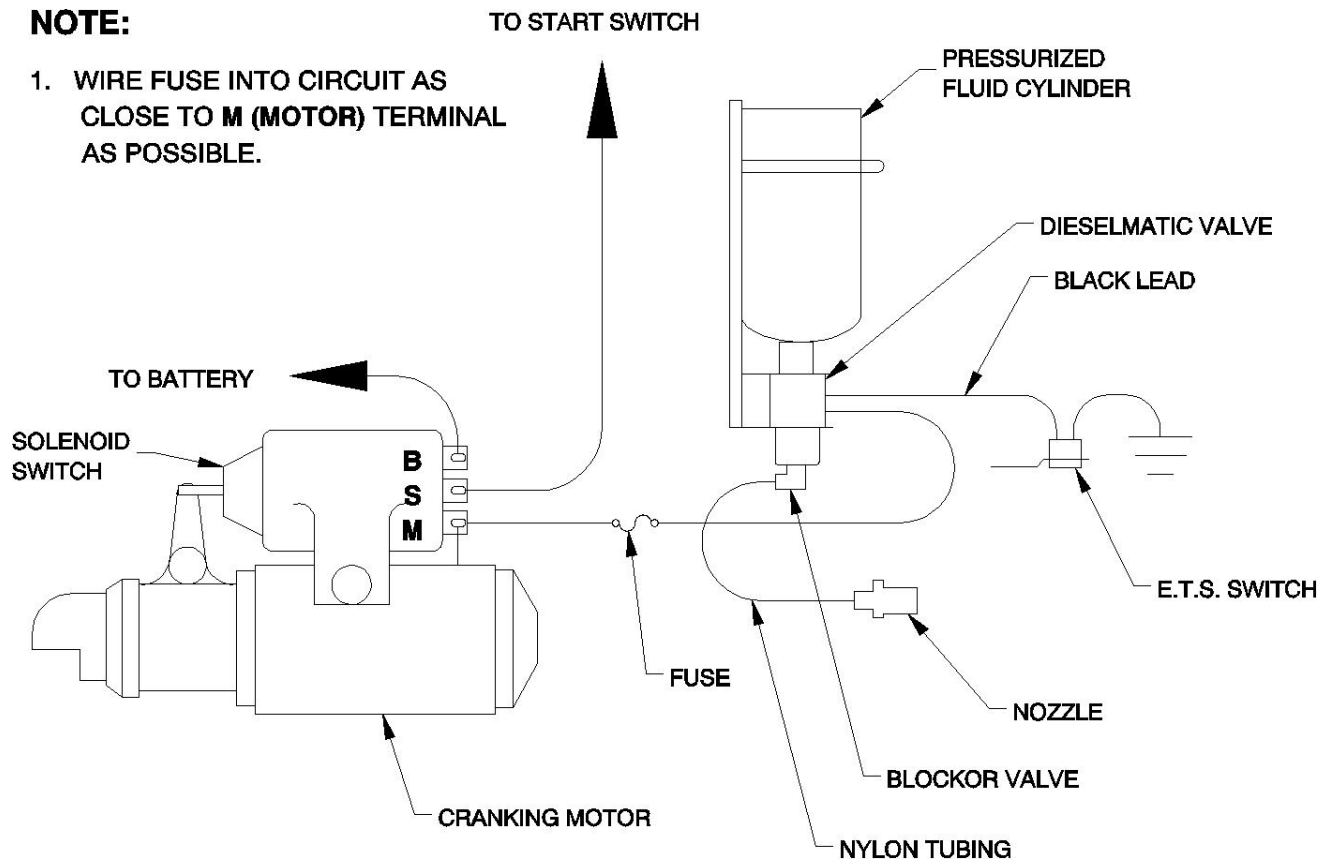
22478382_op35_A_01/07

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
DS1	36788081	Lamp Assembly		
DS2	36788081	Lamp Assembly		
DS3	36895860	Light, License Plate		
DS4	35367044	Lamp, Red Clearance		
DS5	35367051	Lamp, Yellow Clearance		
DS6	35367044	Lamp, Red Clearance		
DS7	35367051	Lamp, YellowRed Clearance		
DS8	36788081	Lamp Assembly		
DS9	36788081	Lamp Assembly		
W3	36893345	Harness, Tail Light		

COLD START WIRING SCHEMATIC

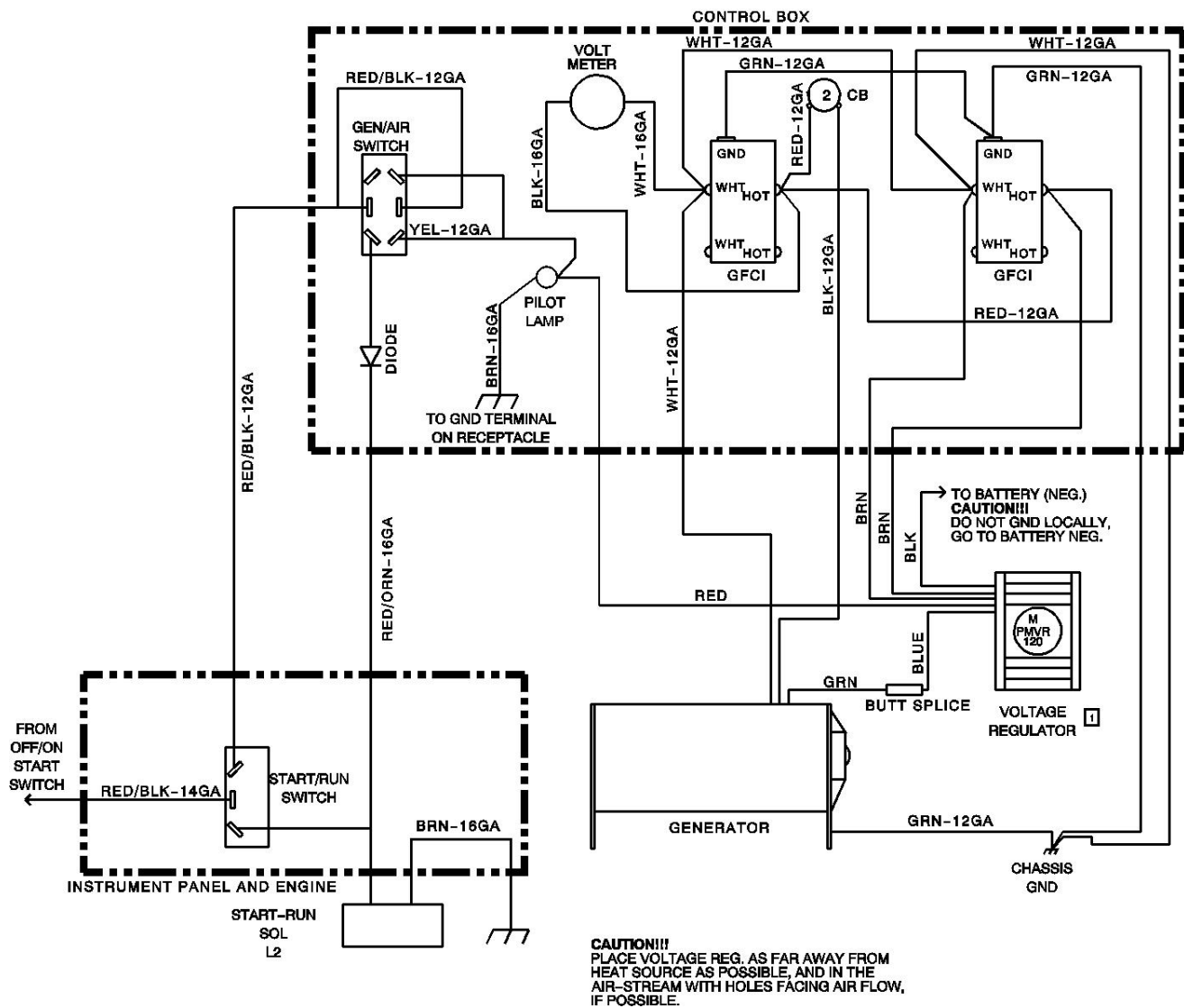
NOTE:

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



3.0 KW GENERATOR WIRING SCHEMATIC

- 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.



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Ingersoll Rand Company
Utility Equipment
P.O. Box 868 - 501 Sanford Ave
Mocksville, N.C. 27028