



Doosan Infracore
Portable Power

PARTS MANUAL

HP935WCU-EX-T1 (708)
XP1050WCU-EX-T1 (709)
HP935WCU-EX-T1 (E78)
XP1050WCU-EX-T1 (E80)

COMPRESSOR MODEL

Doosan Infracore Portable Power
1293 Glenway Drive
Statesville, N.C. 28625
DoosanPortablePower.com

Book: 46497798 (04/2013) Rev E



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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 Doosan parts for your unit.

Doosan Infracore Portable Power can bear no responsibility for injury or damages resulting directly from the use of non-approved repair parts.

Doosan Portable Power service facilities and parts are available worldwide. Consult local yellow pages or visit: www.doosanportablepower.com.

Special order parts may not be included in this manual. Contact the Portable Power 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

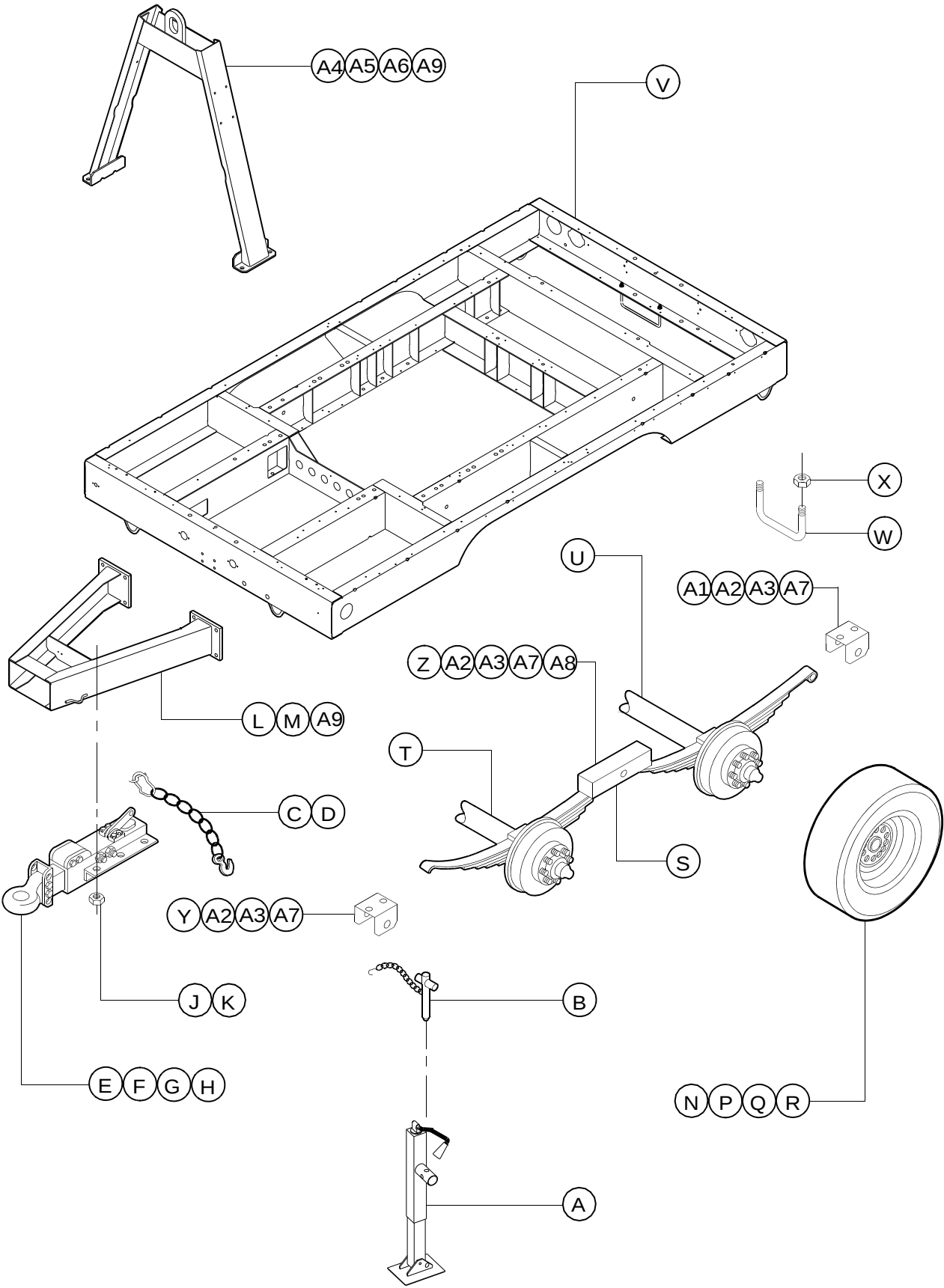
Always specify the model and serial number of the unit.

Specify the part number and description.



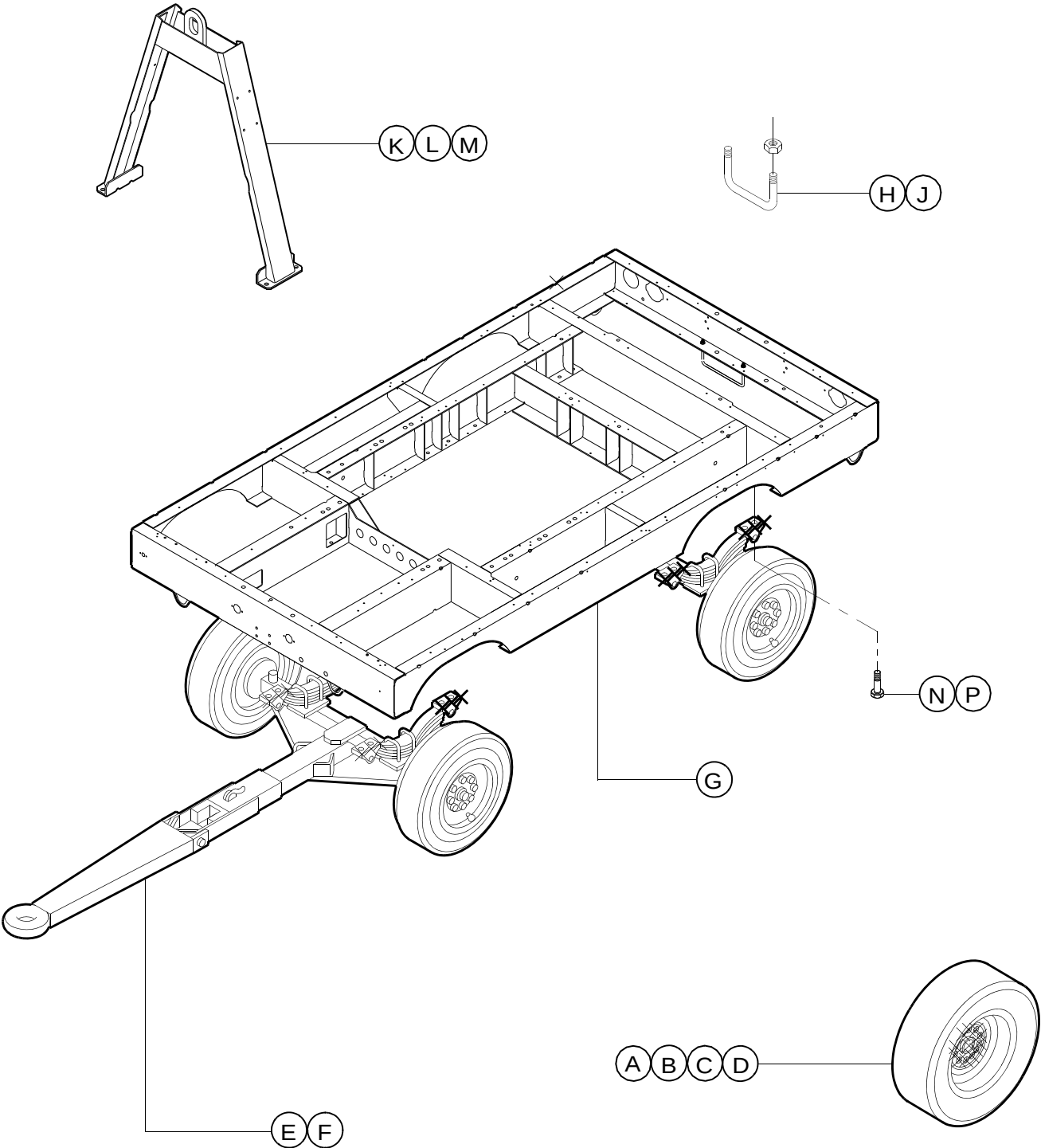
COMPRESSOR PARTS

Fast Trac Frame and Running Gear



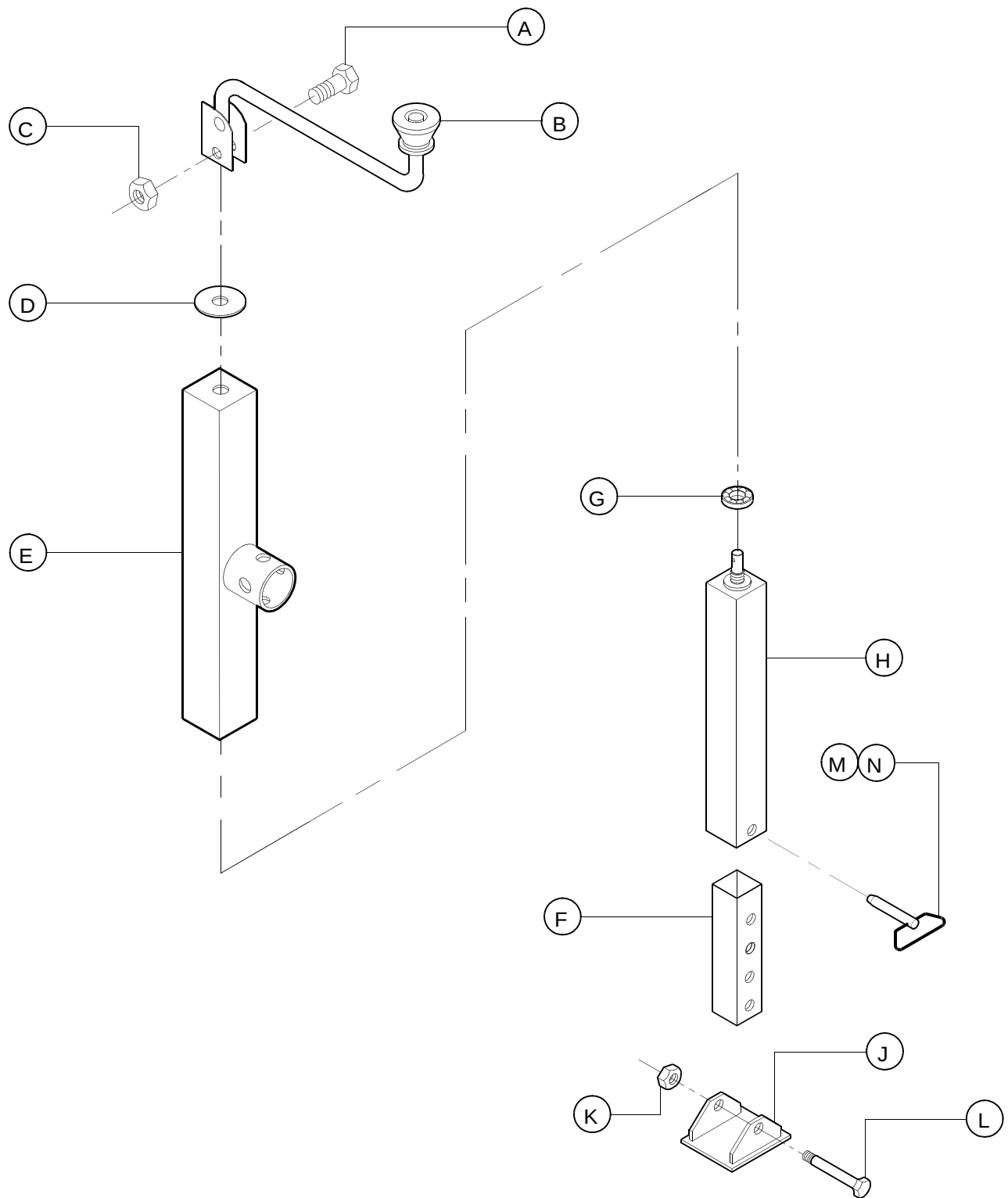
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36870111	Jack		
B	35609544	Pin		
C	35610377	Chain		
D	35369800	Coupling		
E	36734879	Actuator, Brake		
F	35605187	Eye, Pintle		
G	35376094	Screw		
H	96700885	Nut		
J	35272558	Screw		
K	35356526	Nut, Lock		
L	36893725	Drawbar		
M	36763670	Screw		
N	36042893	Tire & Wheel Assy		
P	36894061	Tire		
Q	36882785	Wheel		
R	35148204	Valve Stem		
S	35385434	Kit, Equalizer		
T	36891794	Front Axle Assy		
U	36891786	Rear Axle Assy		
V	36892701	Frame		
W	35304666	Step		
X	95922910	Nut		
Y	35326958	Hanger, Front		
Z	36895225	Hanger, Center		
A1	35326966	Hanger, Rear		
A2	36877793	Screw		
A3	35304047	Nut		
A4	36893733	Lifting Bail		
A5	36763670	Screw		
A6	35297340	Nut		
A7	95935003	Washer		
A8	36895225	Equalizer		
A9	95935011	Washer		

Steerable Frame and Running Gear



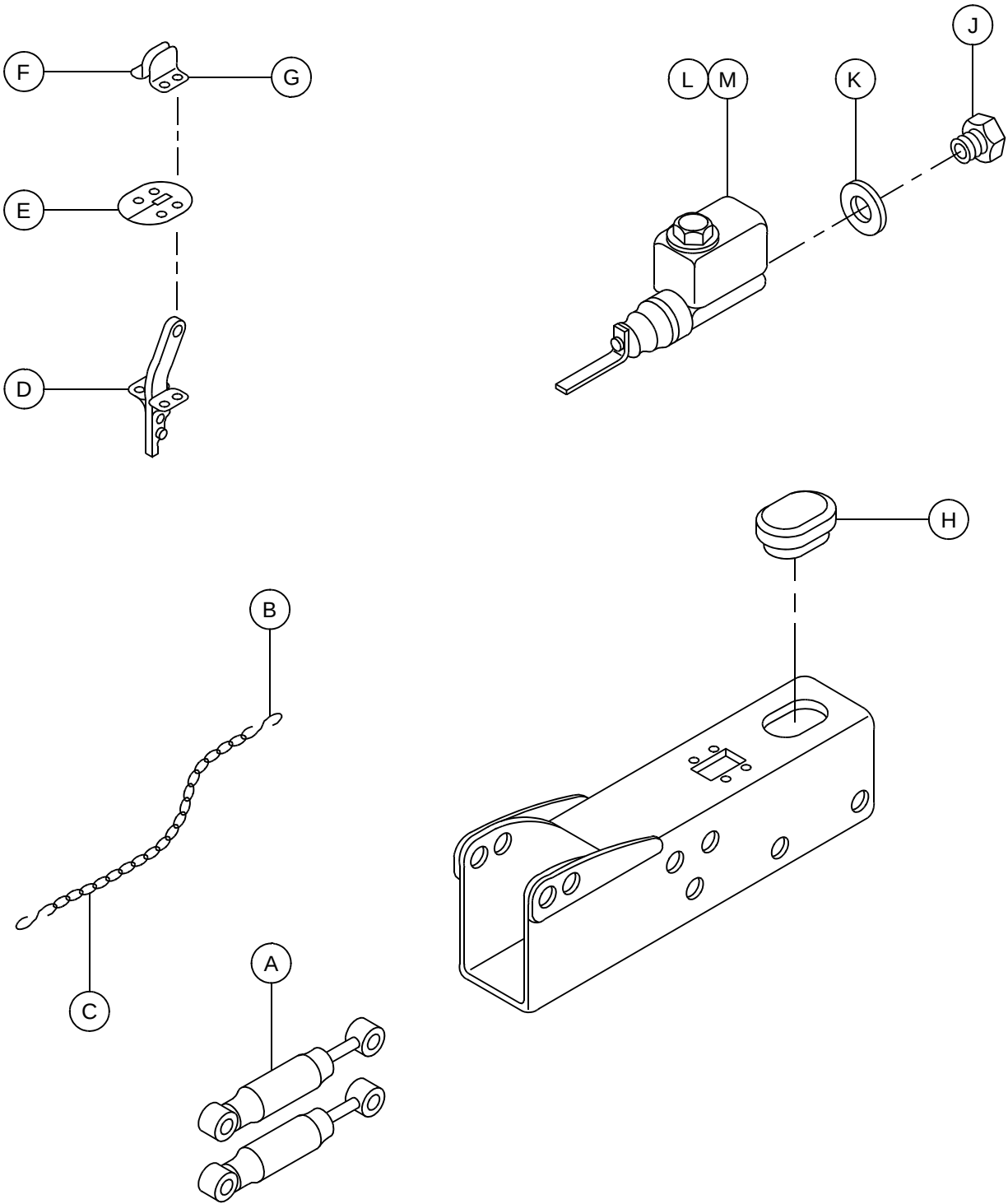
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36042893	Tire & Wheel Assy		
B	36894061	Tire		
C	36882785	Wheel		
D	35148204	Valve Stem		
E	36891513	Front Axle Assy		
F	36895399	Rear Axle Assy		
G	36892719	Frame		
H	35304666	Step		
J	95922910	Nut		
K	36893733	Lifting Bail		
L	36763670	Screw		
M	35297340	Nut		
N	95930723	Screw		
P	35374453	Nut		

Jack Assembly



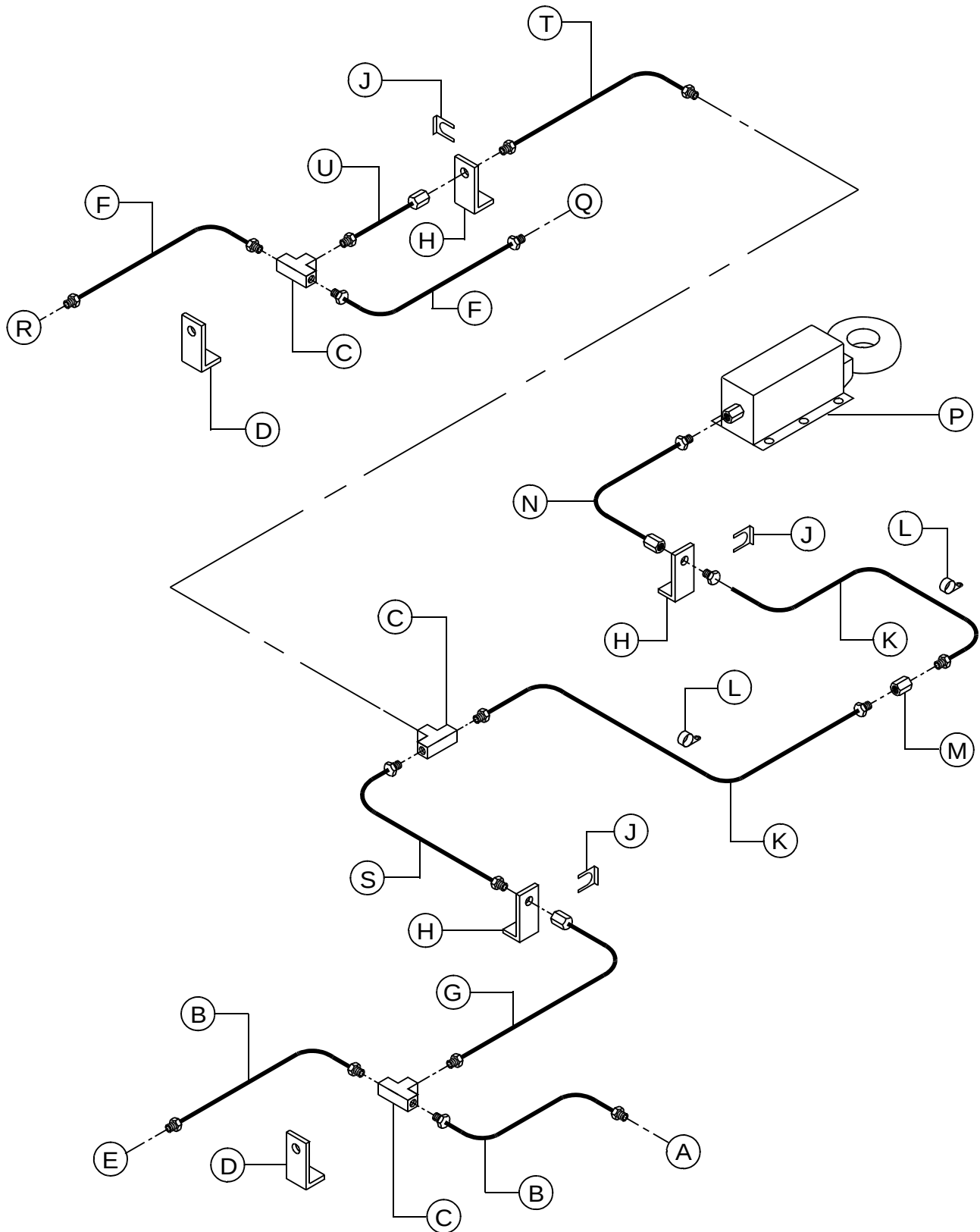
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95935235	Bolt		
B	36870061	Crank Assy		
C	95923314	Nut, Lock		
D	95935011	Washer		
E	36870129	Tube, Outer		
F	36870087	Drop Leg & Sleeve		
G	36870079	Bearing, Thrust		
H	36870053	Tube, Inner		
J	36870145	Base		
K	35336700	Nut, Lock		
L	95954087	Bolt		
M	36870095	Pin, Pull		
N	36870103	Clip		

Hydraulic Brake Actuator Assembly



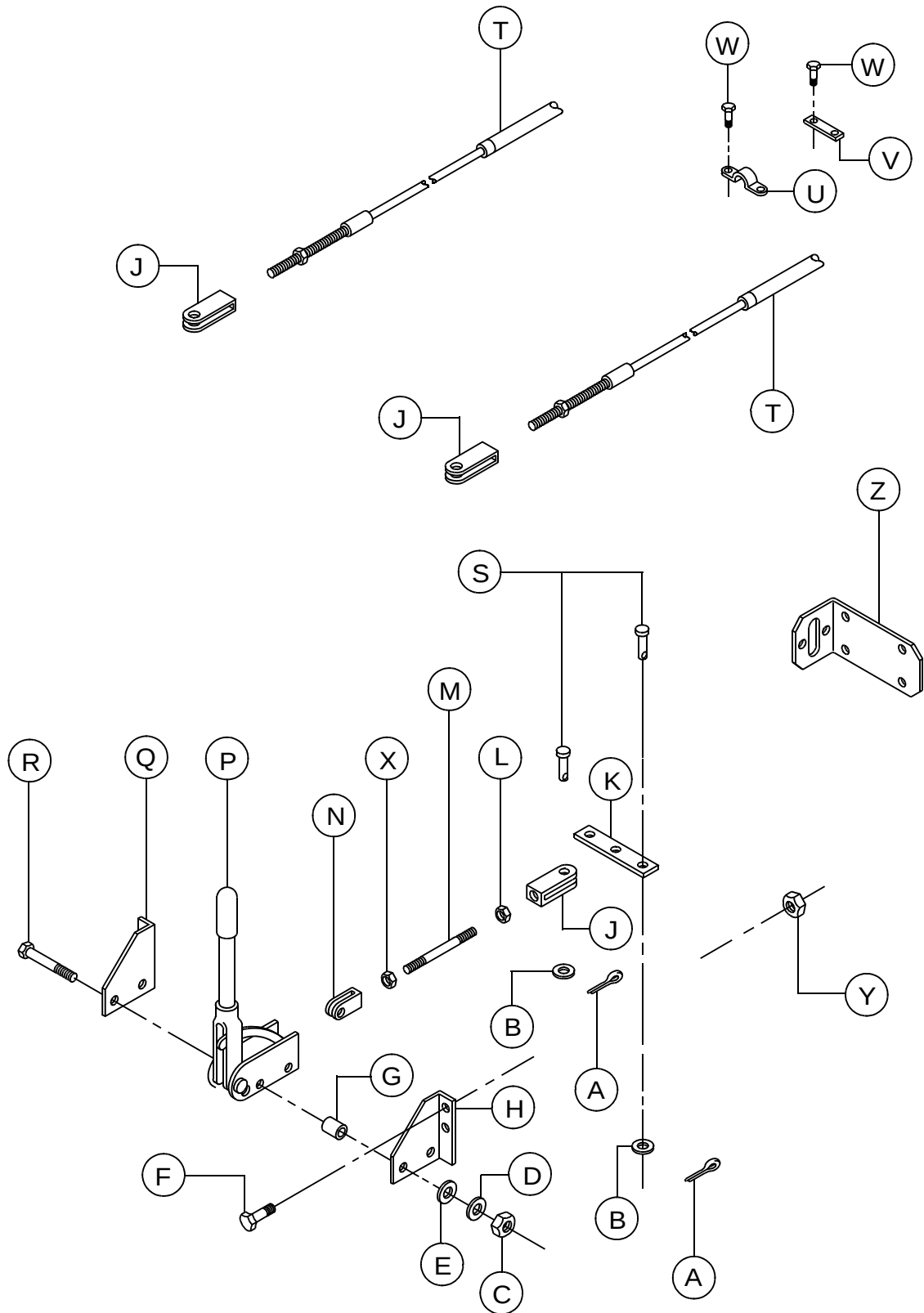
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35373026	Damper		
B	35373083	S-Hook		
C	35373091	Chain		
D	35373042	Leveler Assy		
E	35373059	Seal, Weather		
F	35373067	Lock, RH		
G	35373075	Lock, LH		
H	35373034	Cover		
J	35373109	Connector		
K	35373125	Gasket		
L	35373117	Master Cylinder		
M	35376433	Repair Kit		

Hydraulic Brake Lines



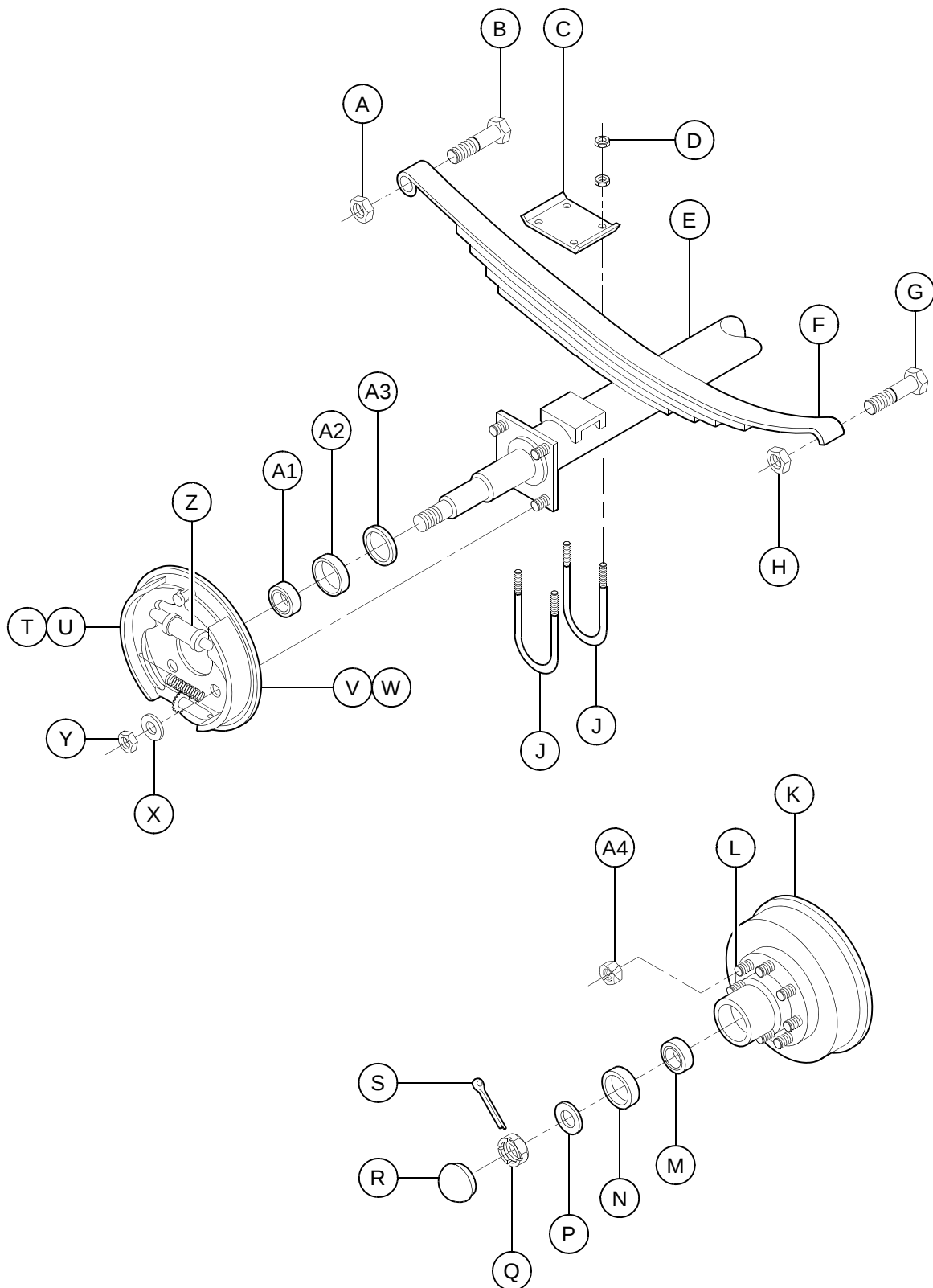
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A		To LH Side/Rear Axle		
B	35356419	Tube Assy		
C	35356328	Tee		
D	36867471	Bracket, Tee		
E		To RH Side/Rear Axle		
F	36894665	Tube Assy		
G	35356377	Hose, Flex		
H	35356310	Bracket, Hose Mounting		
J	35356302	Clip, Hose		
K	36894681	Tube Assy		
L	X1182T23	Clamp, Tube		
M	35356336	Union		
N	35356369	Hose, Flex		
P	36734879	Brake Actuator Assy		
Q		To RH Side/Front Axle		
R		To LH Side/Front Axle		
S	36894673	Tube Assy		
T	35356377	Tube Assy		
U	36894699	Tube Assy		

Parking Brake



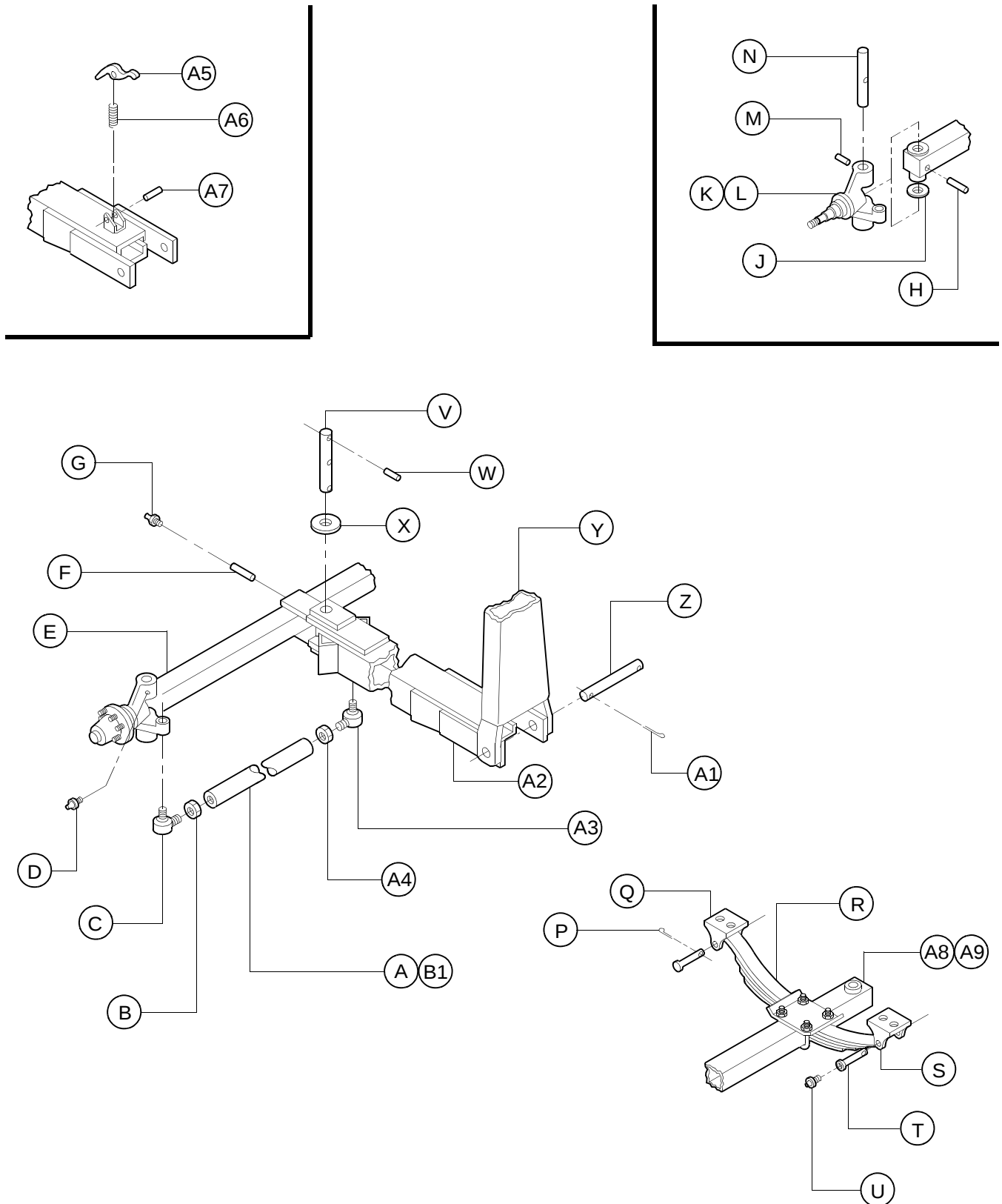
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95928867	Pin, Cotter		
B	95934998	Washer		
C	35145077	Nut		
D	92304674	Washer		
E	95934998	Washer		
F	36763704	Screw		
G	35603224	Spacer		
H	36847440	Bracket, LH		
J	35603208	Clevis		
K	35602846	Bracket		
L	35118728	Nut		
M	35603182	Rod, Link		
N	35603216	Clevis		
P	35857382	Lever		
Q	36847432	Bracket, RH		
R	95935136	Screw		
S	35357151	Pin		
T	36895407	Cable		
U	35602895	Clip		
V	35602903	Spacer		
W	35279025	Screw		
X	95935086	Nut		
Y	96700877	Nut		
Z		Bracket		

Running Gear - Fast Trac



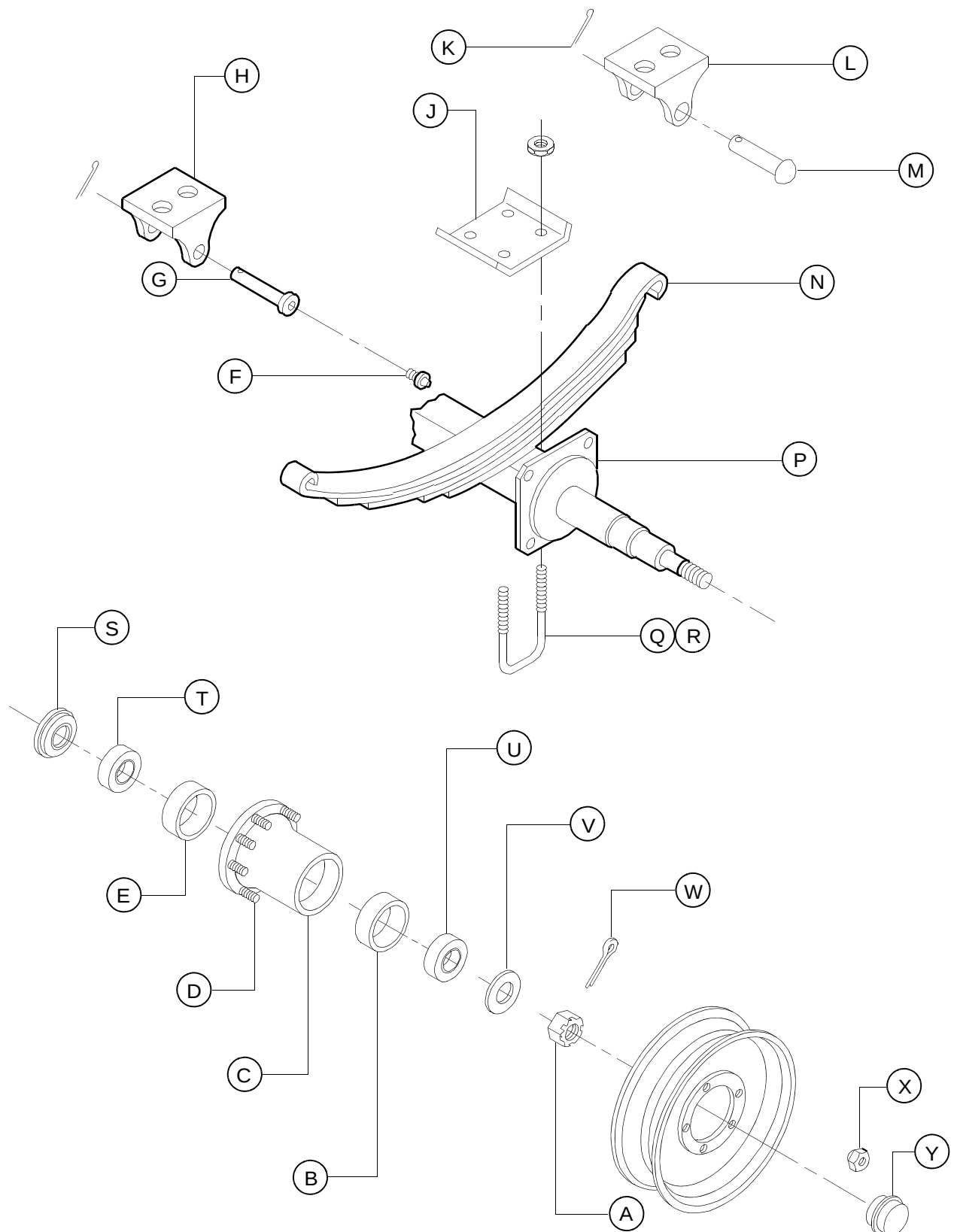
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35315357	Nut		
B	35315340	Bolt		
C	35359389	Plate, Tie		
D	35359397	Nut		
E	36891794	Front Axle Assy		
	36891786	Rear Axle Assy		
F	35385392	Spring		
G	35315365	Bolt		
H	35315373	Nut		
J	35356922	U-Bolt		
K	35385236	Hub		
L	35385244	Stud		
M	35385293	Bearing, Outer		
N	35385277	Cup, Outer		
P	35356914	Washer		
Q	35315217	Nut		
R	35379395	Cap, Grease		
	35379387	Cap, E-Z Lube		
S	35315225	Pin, Cotter		
T	35359413	Shoe, Front		
U	35359421	Shoe, Rear		
V	36895241	Brake Assy, LH		
W	36895258	Brake Assy, RH		
X	35356864	Washer		
Y	35356872	Nut		
Z	35359405	Kit, Wheel Cylinder		
A1	35316876	Bearing, Inner		
A2	35316884	Cup, Inner		
A3	35316868	Seal, Grease		
A4	35315274	Nut		

Running Gear - Steerable Front Axle



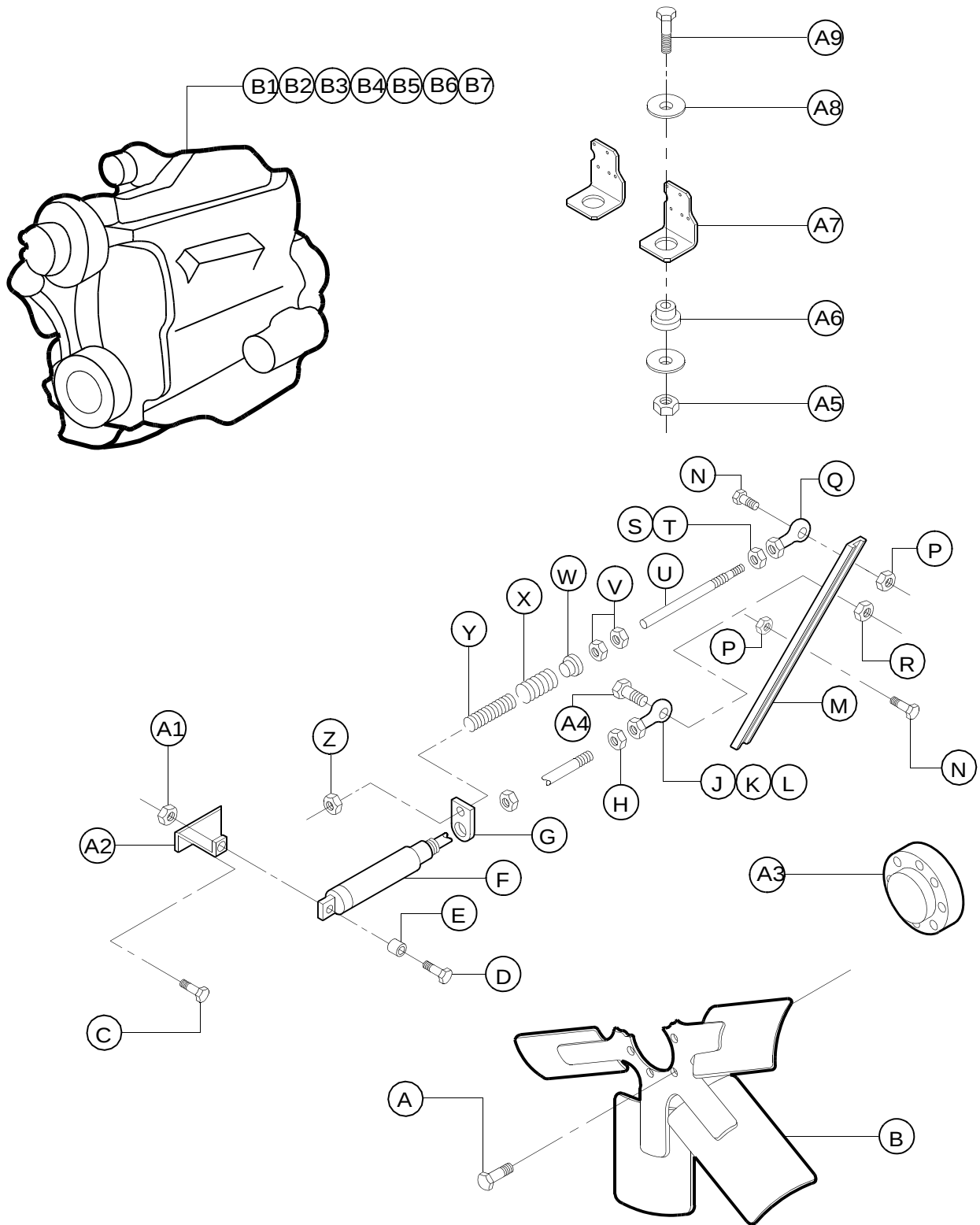
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36504389	Rod, Tie		
B	36140730	Nut, Jam		
C	35588961	Ball Joint, Outer		
D	W86707	Fitting, Lube		
E	36753259	Axle, Front		
F	25A13C283	Pin, Roll		
G	W86707	Fitting, Lube		
H	25A13C301	Pin, Roll		
J	95239927	Washer		
K	36851566	Knuckle Assy, LH		
L	36851574	Knuckle Assy, RH		
M	25A13C281	Pin, Roll		
N	35319045	Pin, King		
P	11A13C66E	Pin, Cotter		
Q	36719169	Bracket		
R	36719466	Spring		
S	36719177	Bracket		
T	35111590	Bolt, Shackle		
U	95318556	Fitting, Lube		
V	35588755	Pin, Center		
W	25A13C298	Pin, Roll		
X	12A5D13Z1	Washer		
Y	36719557	Drawbar		
Z	35107168	Pin, Hinge		
A1	11A13C83E	Pin, Cotter		
A2	36753242	Arm, Center		
A3	35588953	Balljoint, Inner		
A4	35140722	Nut, Jam		
A5	36719219	Latch		
A6	35141167	Spring		
A7	25A13C332	Pin, Roll		
A8	36851376	Axle Assy, Front		
A9	36845766	Axle Assy, Rear		
B1	36853042	Tie Rod Assy (Includes A, B, C, A3, and A4)		

Running Gear - Steerable Rear Axle



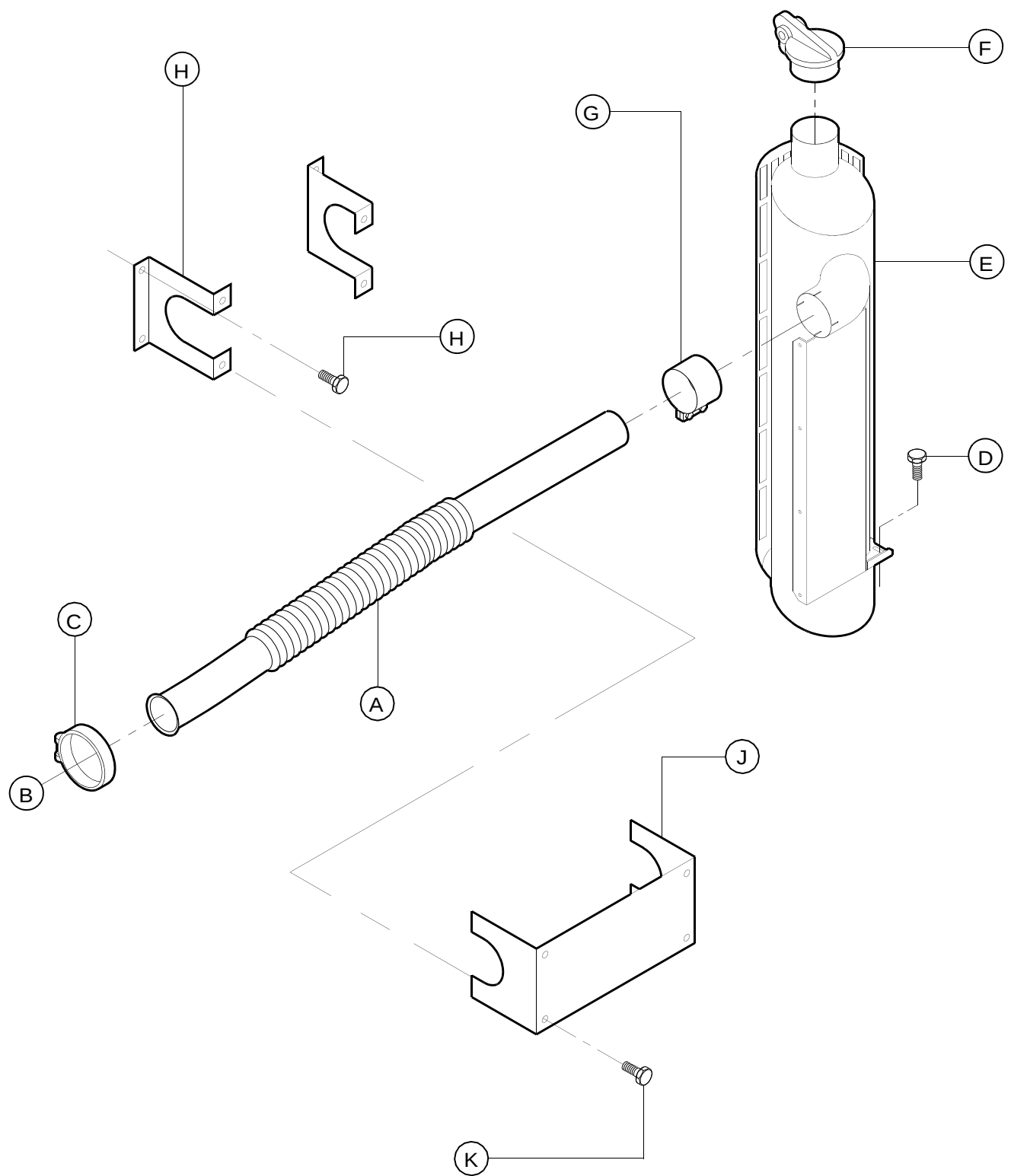
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35106806	Nut		
B	35608360	Outer Race		
C	35379916	Hub Assy (Includes B, D, and E)		
D	36764983	Stud		
E	35308352	Inner Race		
F	95318556	Fitting, Lube		
G	35111590	Bolt		
H	36719177	Bracket		
J	35589241	Plate, Clamp		
K	11A13C66E	Pin, Cotter		
L	36719169	Bracket		
M	35588839	Rivet		
N	36719466	Spring		
P	36777209	Axle, Rear		
Q	35834621	U-Bolt		
R	35111566	Nut		
S	35589126	Seal		
T	36851608	Bearing		
U	36851590	Bearing		
V	35106814	Washer		
W	11A13C413E	Pin, Cotter		
X	36776821	Nut		
Y	36776813	Cap, Grease		

Engine and Air Cylinder Mount



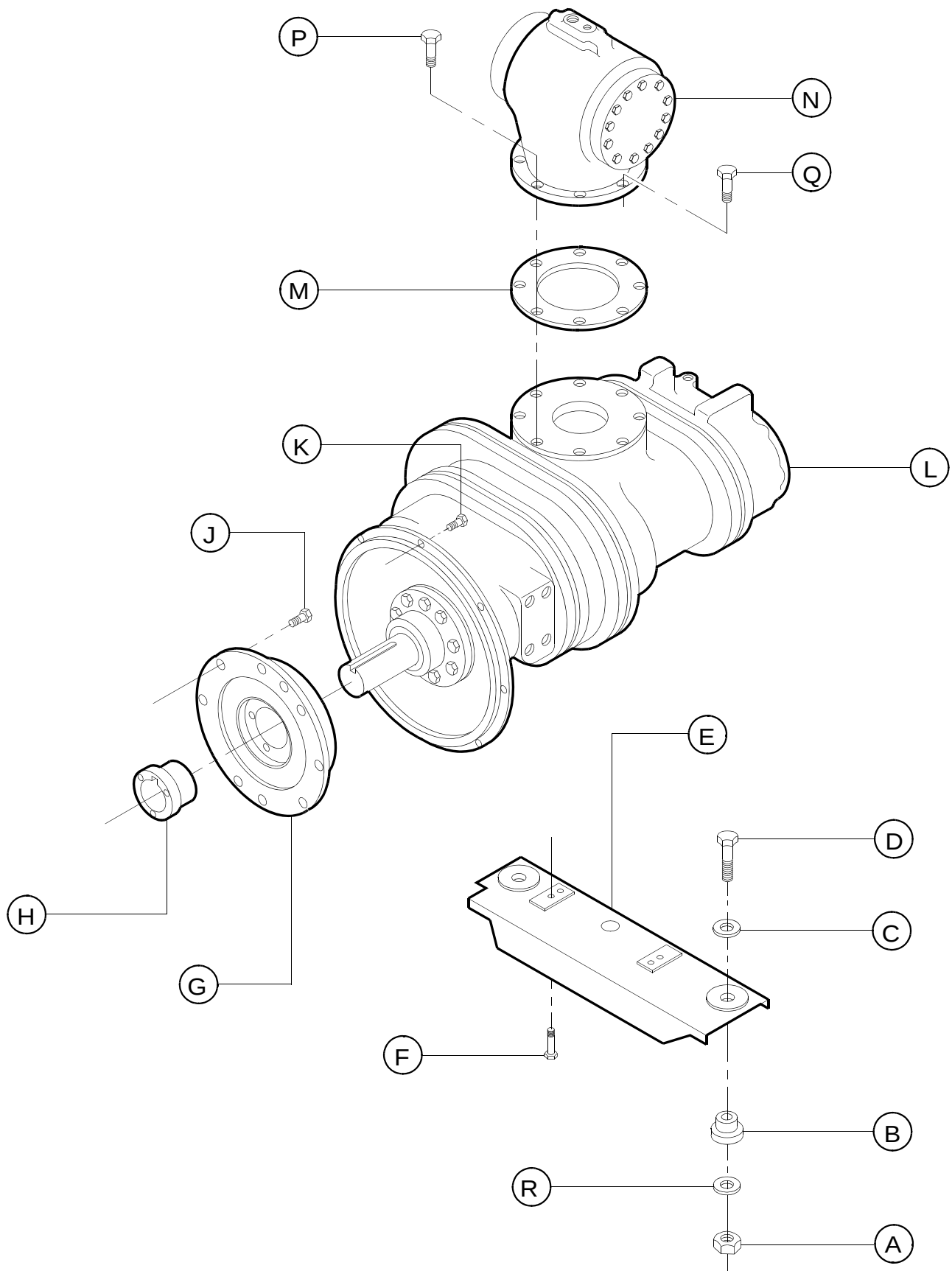
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36893709	Fan		44 Inch Dia.
B	36877793	Screw		
C	36761476	Screw		
D	95326609	Screw		
E	35288885	Bushing		
F	35594225	Cylinder		
G	35322445	Guide		
H	95923108	Nut		
J	35300532	Bearing		
K	95245288	Nut		
L	35322452	Bushing		
M	35601475	Lever		
N	35144492	Nut		
P	35144492	Nut		
Q	35322635	Joint, Ball		
R	35145242	Screw		
S	95043196	Washer		
T	95923082	Nut, Hex Jam 3/8"-24		
U	35322429	Rod		
V	95098356	Nut		
W	35322437	Mount		
X	35322411	Spring		
Y	35329721	Spring		
Z	35324664	Collar		
A1	95923314	Nut		
A2	35855089	Bracket		
A3	36898807	Spacer, Fan		
A4	35145242	Screw		
A5	35297340	Nut		
A6	35273812	Mount, Rubber		
A7	36894012	Bracket, Engine		
A8	35273937	Washer		
A9	96700919	Screw		
B1	36893519	Engine, M11-335		Prior to S/N 434181 After S/N 434181
	46592099	Engine, M11-335		
B2	23020407	Element, Eng. Lube		
B3	35357268	Filter, Fuel		
B4	36896314	Filter, Water		
B5	95930301	Bushing (Above Starter)		
B6	19A7J19Z1	Nipple		
B7	95930301	Bushing		

Exhaust Mount



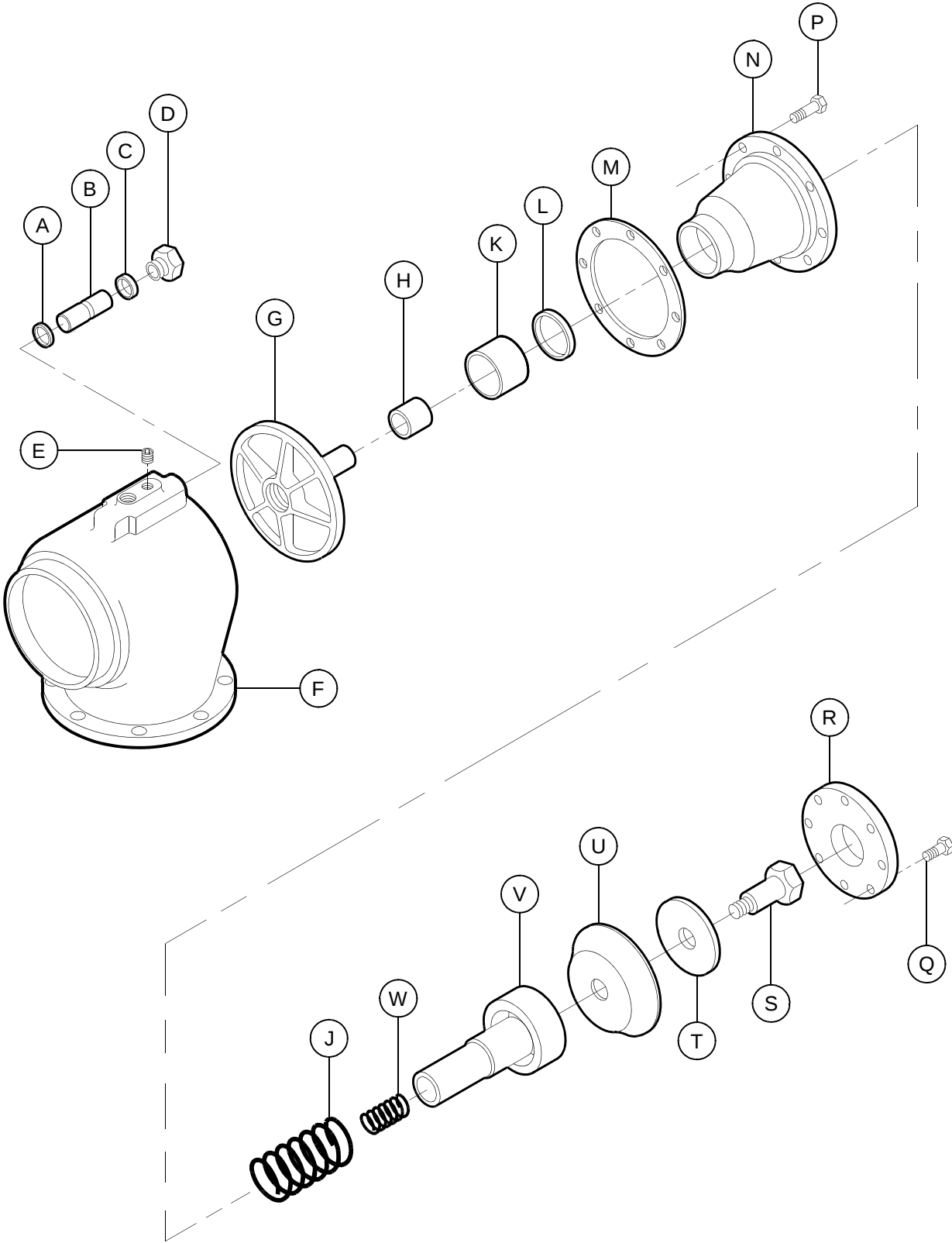
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36893717	Tube, Exhaust		Flexible
B		To Engine Turbo		
C	35602796	Clamp, V-Band		
D	35279025	Screw		
E	36893675	Muffler		
F	35857036	Cap, Rain		
G	35127653	Clamp, Seal		
H	36897783	Support, Exhaust Tube		
J	36897791	Cover		
K	35279023	Screw		

Airend and Unloader Mount



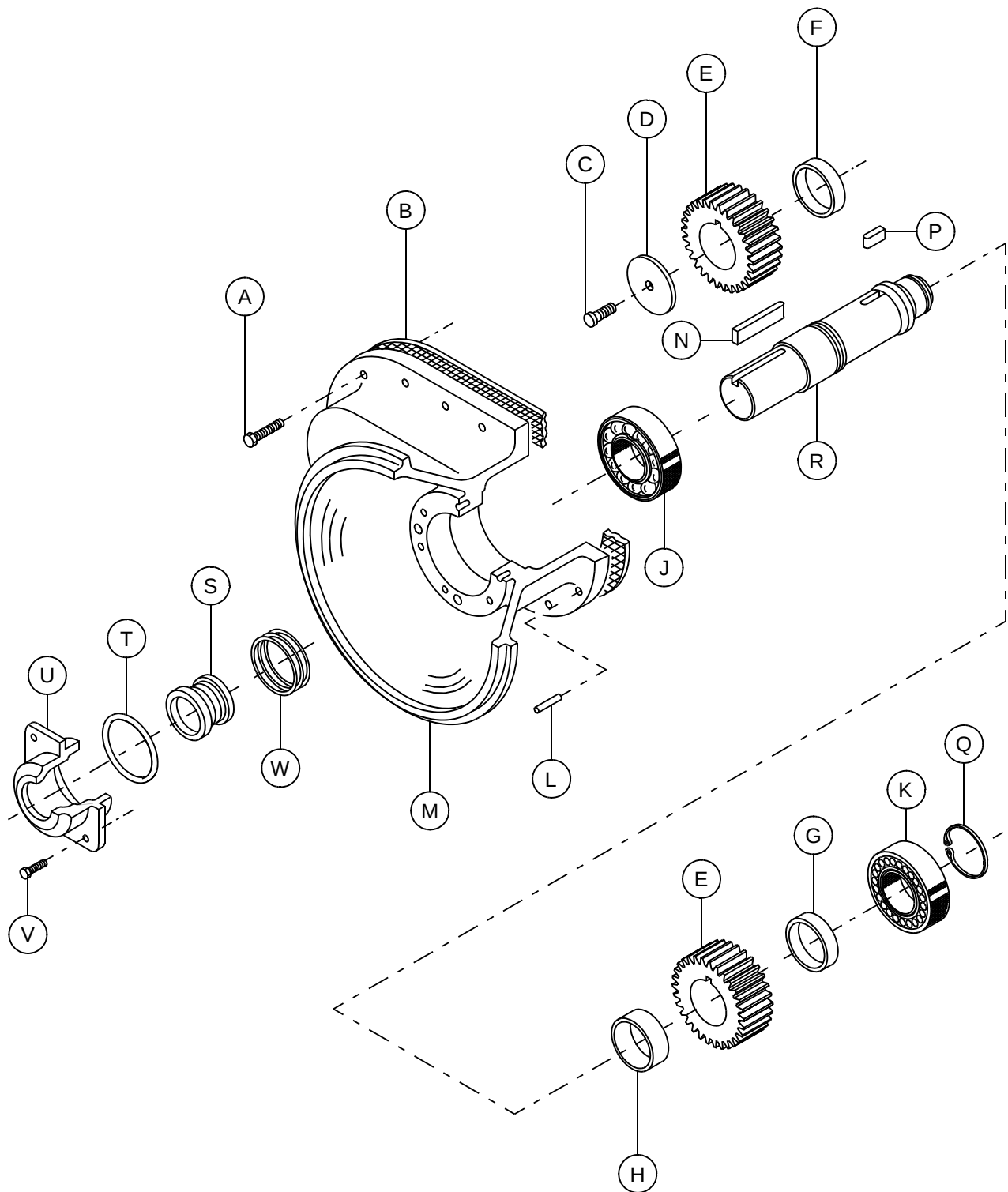
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95923363	Nut		
B	35599950	Mount, Rubber		
C	35273937	Washer		
D	95934253	Screw		
E	36894087	Bracket, A/E Mounting		
F	35358274	Screw		
G	35834795	Coupling, Drive		
H	35103852	Bushing		
J	95220604	Screw		
K	36880995	Screw		
L	36046480	Air End Assy		
	36043206	Air End Assy		
M	36786572	Gasket		
N	36734515	Unloader Assy		
P	35272558	Screw		
Q	96700901	Screw		
R	35101476	Washer		

Unloader Assembly



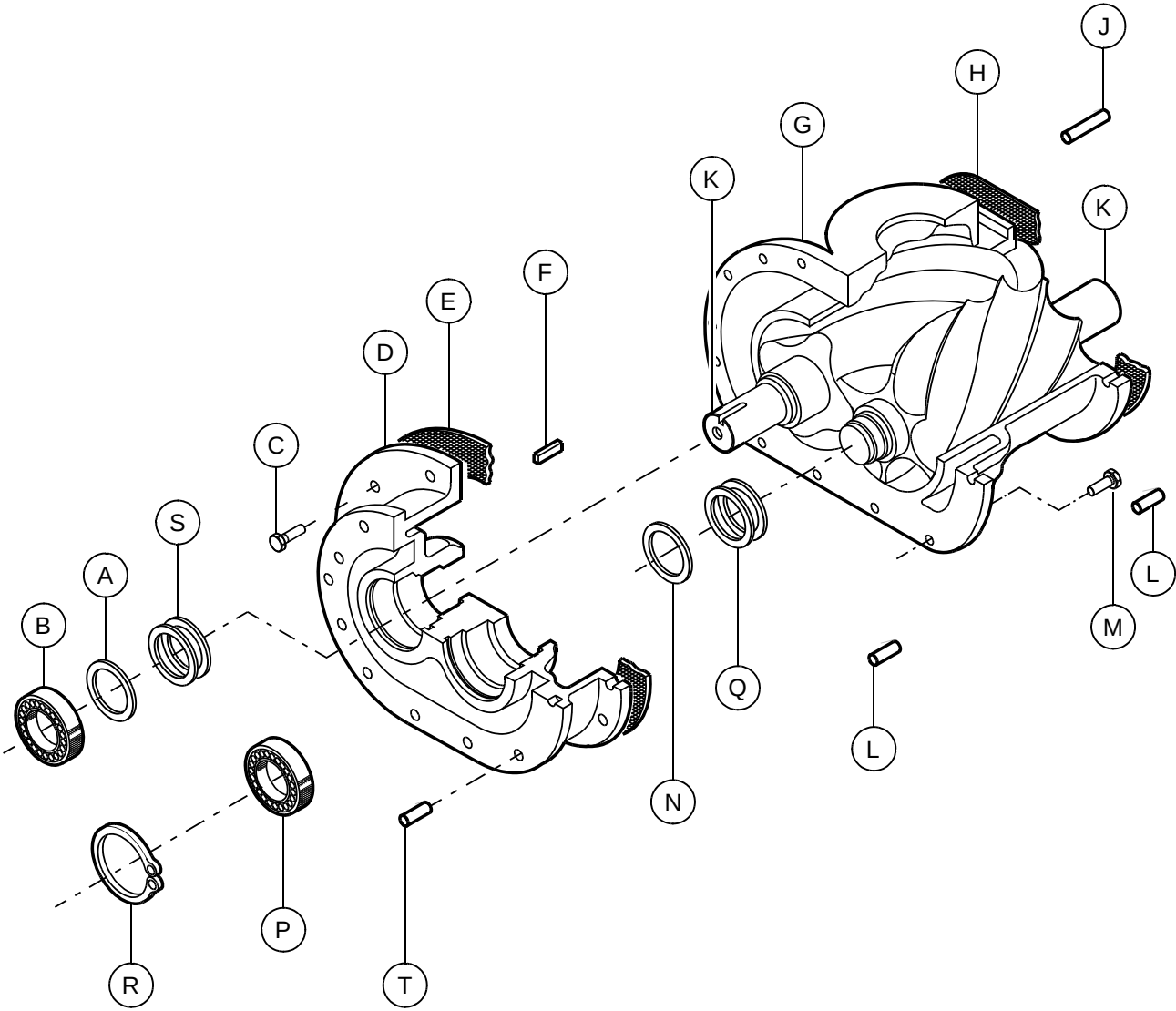
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35331586	Grommet		
B	36897148	Valve, Anti-Rumble		
C	35331578	Grommet		
D	35328236	Adapter		
E	95928255	Plug		
F	36734507	Body		
G	35597509	Valve Assy		
H	35328269	Bushing		
J	35332691	Spring		
K	35328228	Bushing		
L	35328244	Seal		
M	35328251	Gasket		
N	36722460	Housing		
P	35374842	Screw		
Q	35374834	Screw		
R	35591189	Cover, Piston		
S	95934642	Screw		
T	35327204	Washer		
U	35592534	Diaphragm		
V	35591163	Piston		
W	35332683	Spring		

Airend Gear Case Housing



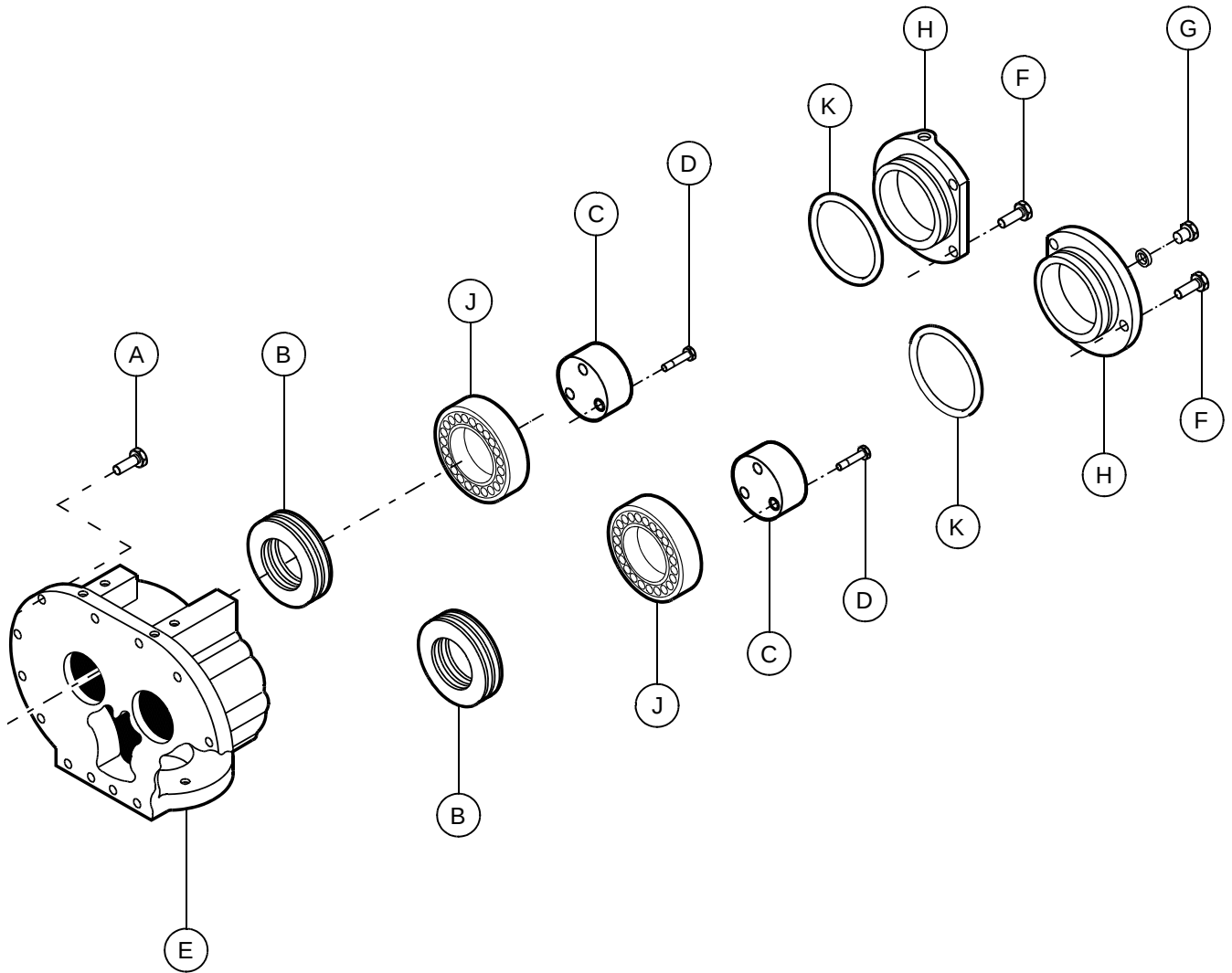
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35375385	Screw		
B	35611359	Gasket		
C	92367663	Screw		
D	35255819	Plate, Clamping		
E	36893360	Gear Set - HP-935		
	93488732	Gear Set - XP-1050		
F	35299346	Spacer		
G	36851681	Spacer		
H	36846418	Spacer		
J	36846426	Bearing, Tapered Roller		
K	36854925	Bearing, tapered Roller		
L	17A13A289	Pin, Dowel		
M	36851459	Case, Gear		
N	35364975	Key		
P	35361328	Key		
Q	35223145	Ring, Retaining		
R	36846400	Shaft, Drive		
S	35593508	Seal, Shaft		
T	95358164	O-Ring		
U	36507515	Cover		
V	96712187	Screw		
W	36846442	Shim Set		

Airend Rotor Housing



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35299296	Spacer		
B	35299262	Bearing, Roller		
C	35272541	Screw		
D	36711620	Housing, Front Bearing		
E	36506699	Gasket		
F	35361310	Key		
G	36794287	Housing, Rotor		
H	35611342	Gasket		
J	95239927	Pin, Locating		
K	36005023	Rotor Set		
L	95239919	Pin, Locating		
M	96706429	Screw		
N	35299312	Spacer		
P	35299270	Bearing, Roller		
Q	35364728	Spring Set		
R	35299338	Snap-Ring		
S	35365261	Pin, Locating		
T	35364710	Spring Set		

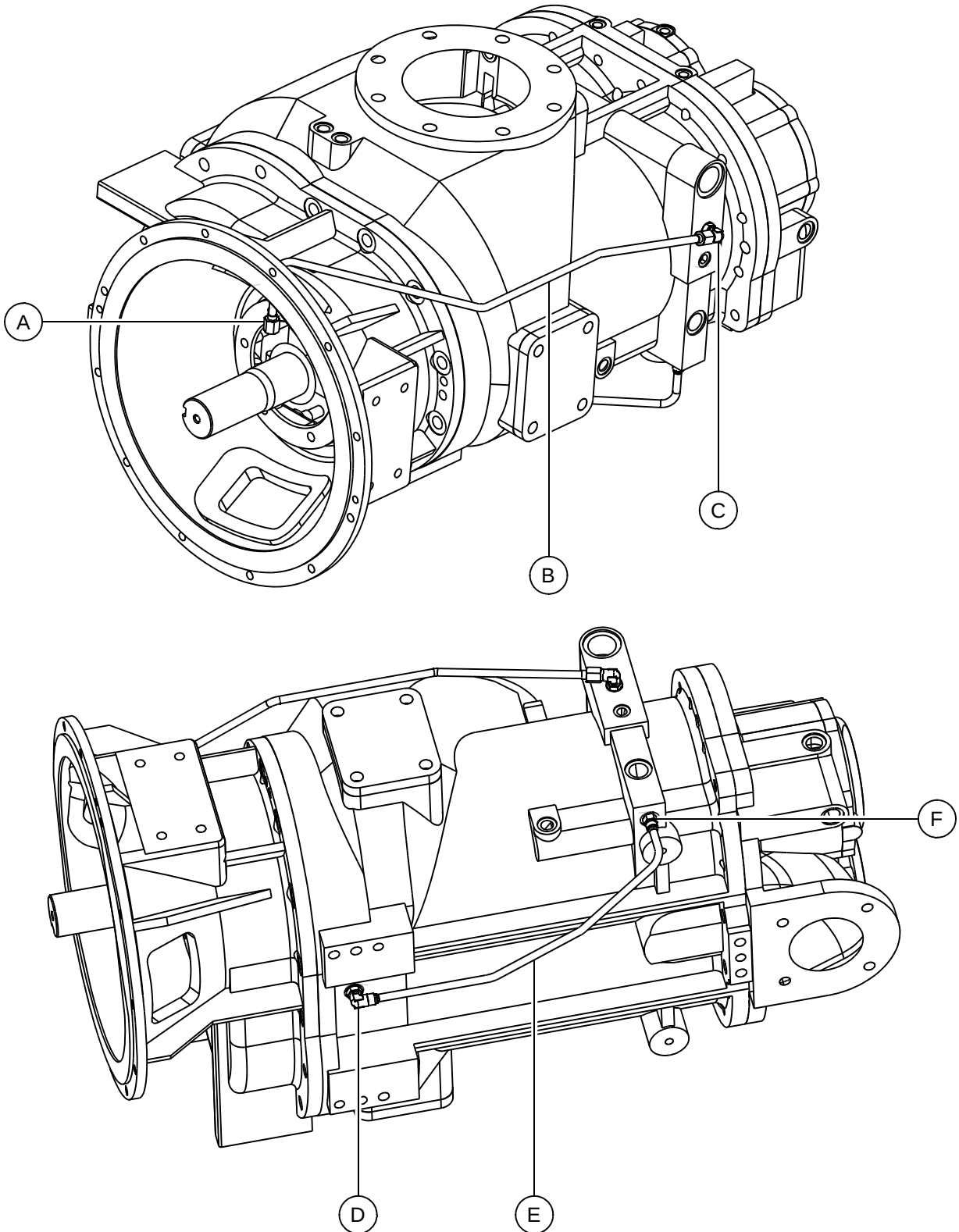
Airend Rear Bearing Housing



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	96706429	Screw		
B	35299361	Shim Set		
C	35299320	Plate, Clamping		
D	35293869	Screw		
E	36866069	Housing, Rear Bearing		
F	35272533	Screw		
G	35278555	Plug		
H	35579309	Cover, Rear Bearing		
J	35299254	Bearing, Roller		
K	95358198	O-Ring		

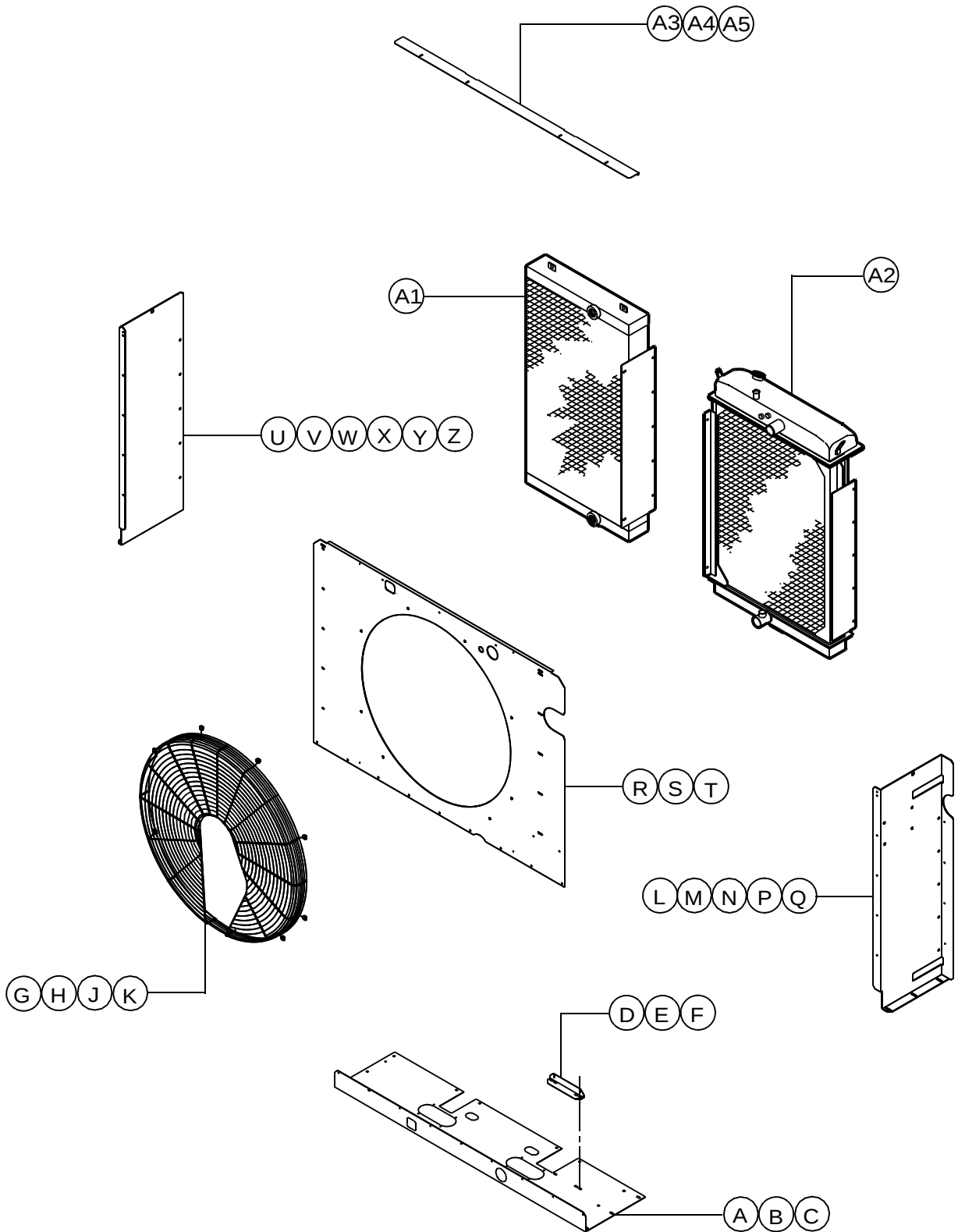
Airend Piping

STARTS AT SERIAL NO. 291411



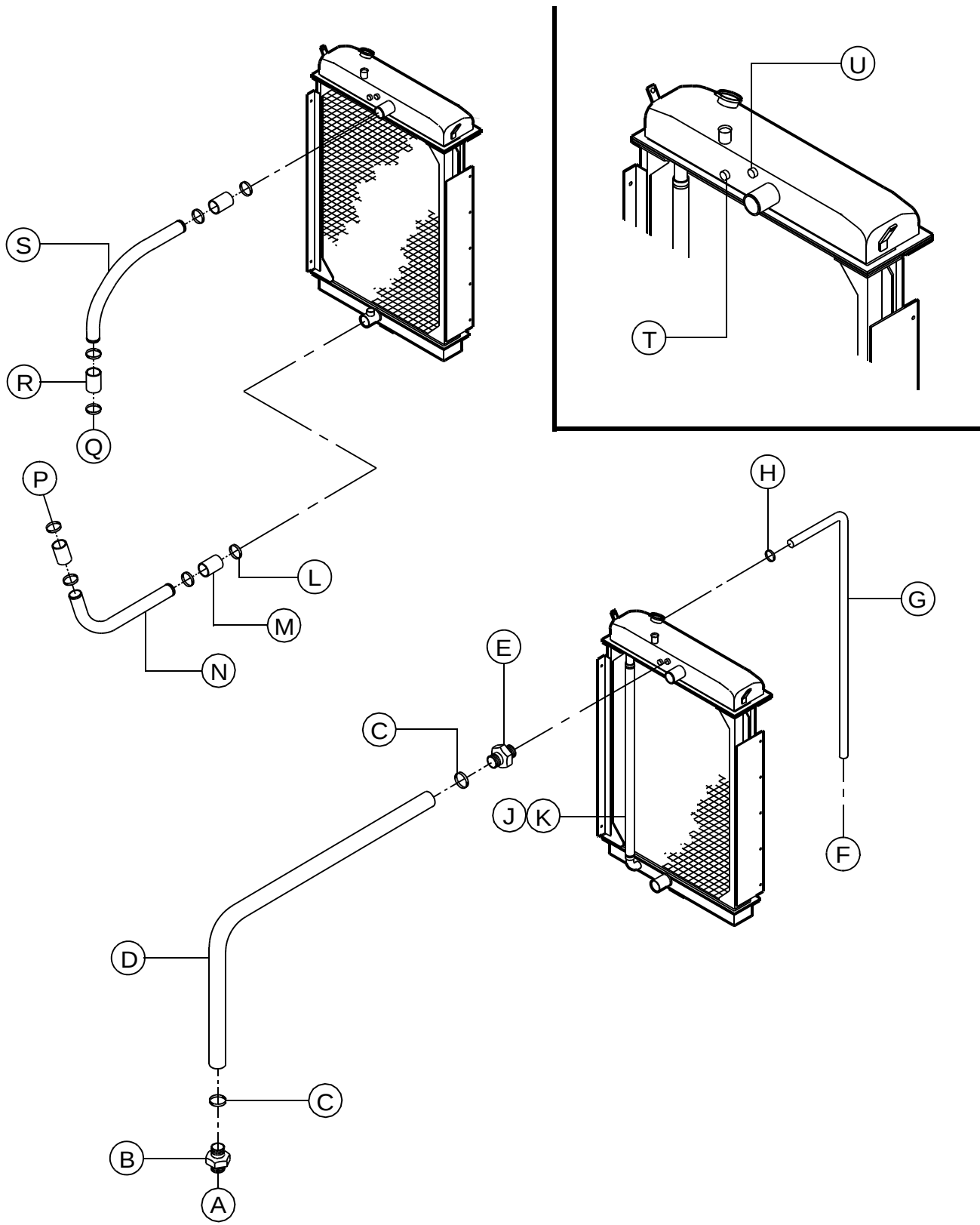
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95959607	Connector		
B	39911284	Tube Assy		
C	95959730	Elbow, Tube		
D	35279827	Elbow, Tube		
E	39911292	Tube Assy		
F	95974663	Connector		

Cooler Package



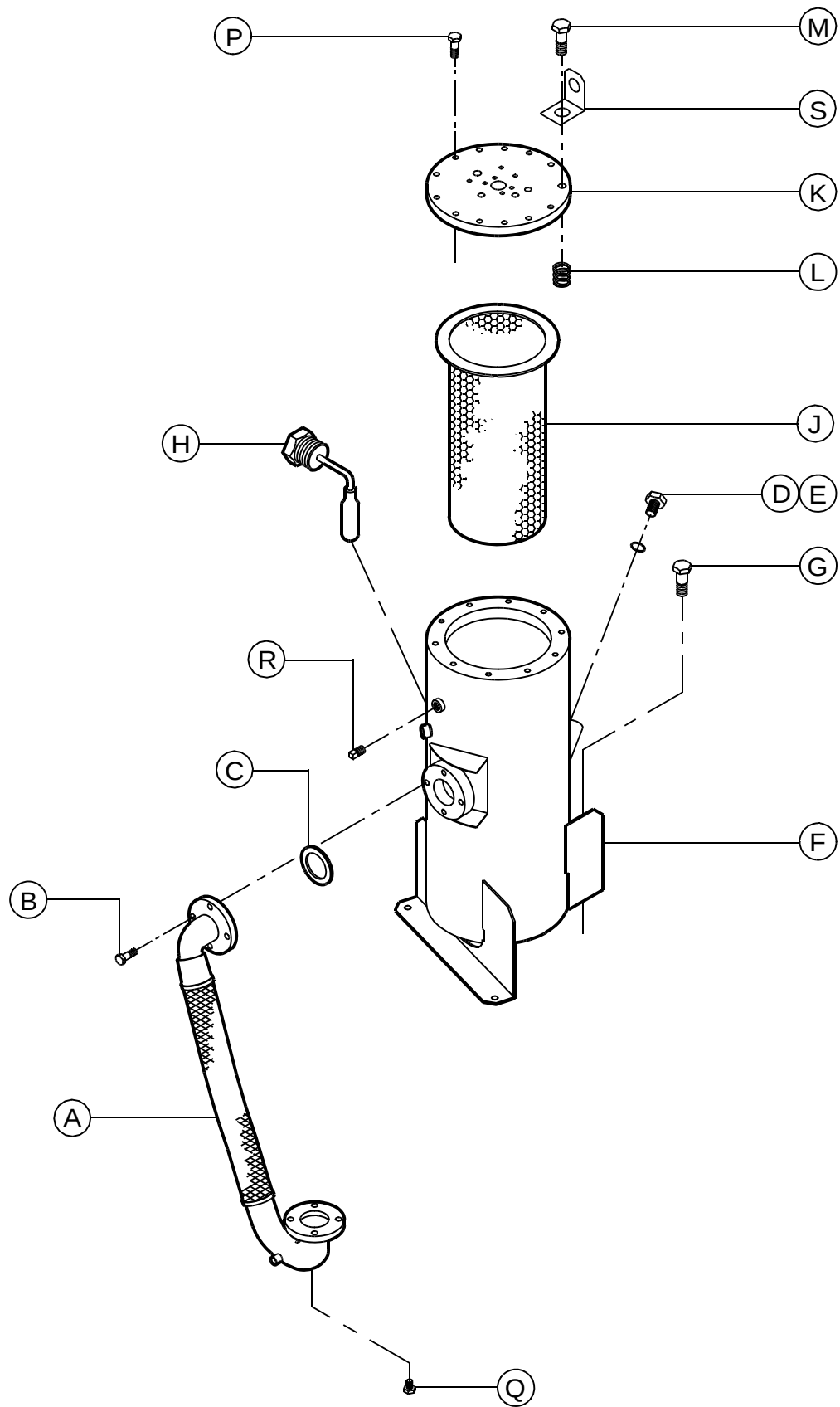
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36894830	Panel, Bottom		
B	36797652	Screw		
C	35279025	Screw		
D	36895308	Bracket, Fuel Tank		
E	36797652	Screw		
F	35279025	Screw		
G	36893550	Guard, Fan		
H	35144336	Screw		
J	35371558	Screw		
K	36881886	Nut		
L	36894822	Support, Radiator		
M	35371558	Screw		
N	35371558	Screw		
P	36879302	Screw		
Q	36879211	Nut		
R	36894806	Plate, Orifice		
S	36797652	Screw		
T	35346741	Nut		
U	36894814	Support, Oil Cooler		
V	35371558	Screw		
W	36880995	Screw		
X	36879195	Nut		
Y	35279025	Screw		
Z	35279025	Screw		
A1	36891703	Oil Cooler		
A2	36891687	Radiator		
A3	35335140	Cap, Radiator		
A4	36894848	Support, Roof		
A5	36797652	Screw		
A6	36797652	Screw		

Radiator Piping



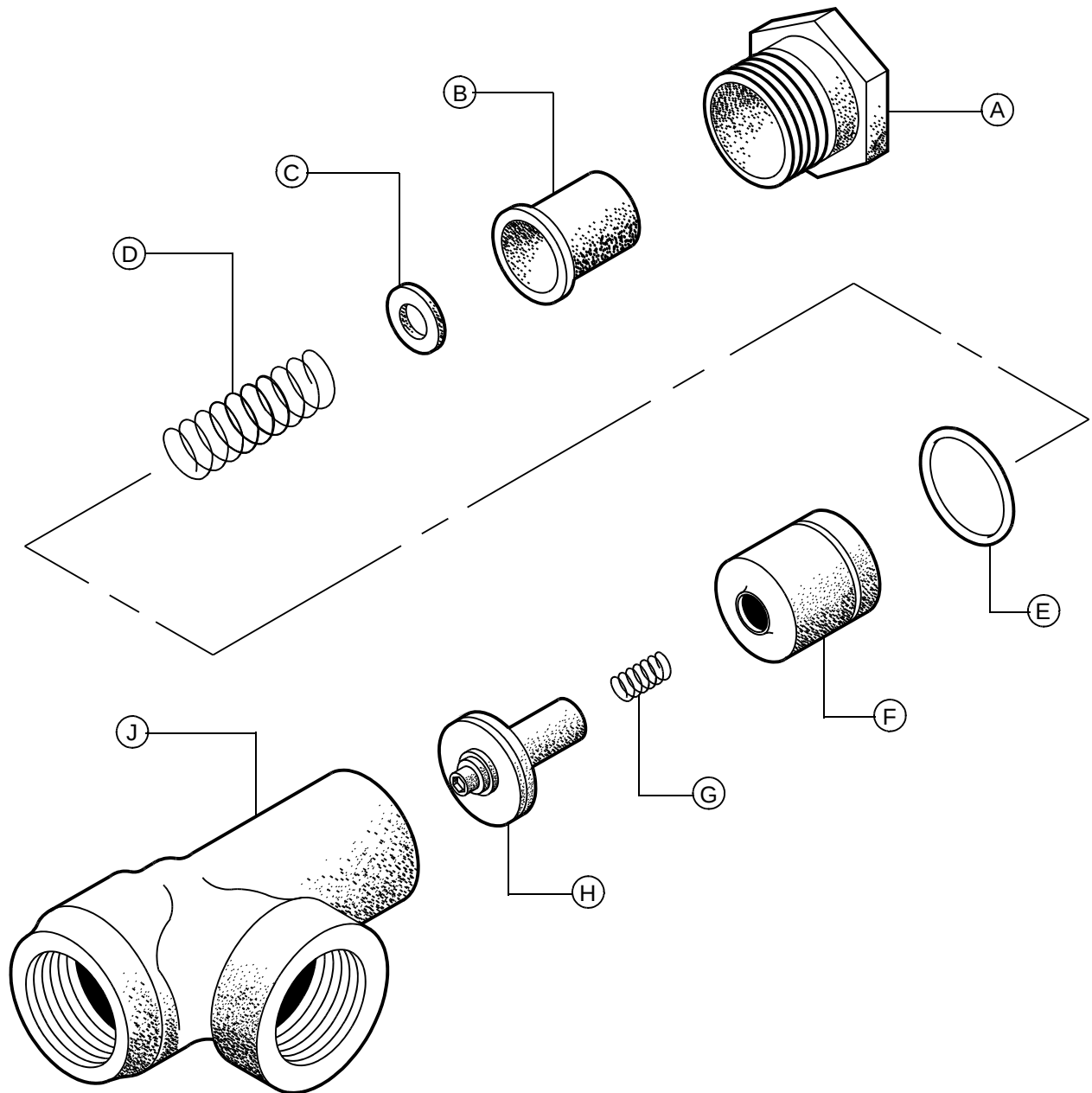
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A		To Engine, Near Water Outlet		
B	36840627	Adapter		
C	35296342	Clamp		
D	35286772	Hose		
E	35369511	Adapter		
F		Through Belly Pan		
G	35360775	Tube		
H	36845592	Clamp		
J	35135458	Hose		
K	95235131	Clamp		
L	35222017	Clamp		
M	35330570	Hose		
N	36894772	Tube		
P		To Bottom of Engine		
Q		To Top of Engine		
R	35356534	Hose		
S	36894764	Tube		
T		To Low Coolant Level Sensor		
U		To Vent Line		

Separator Tank



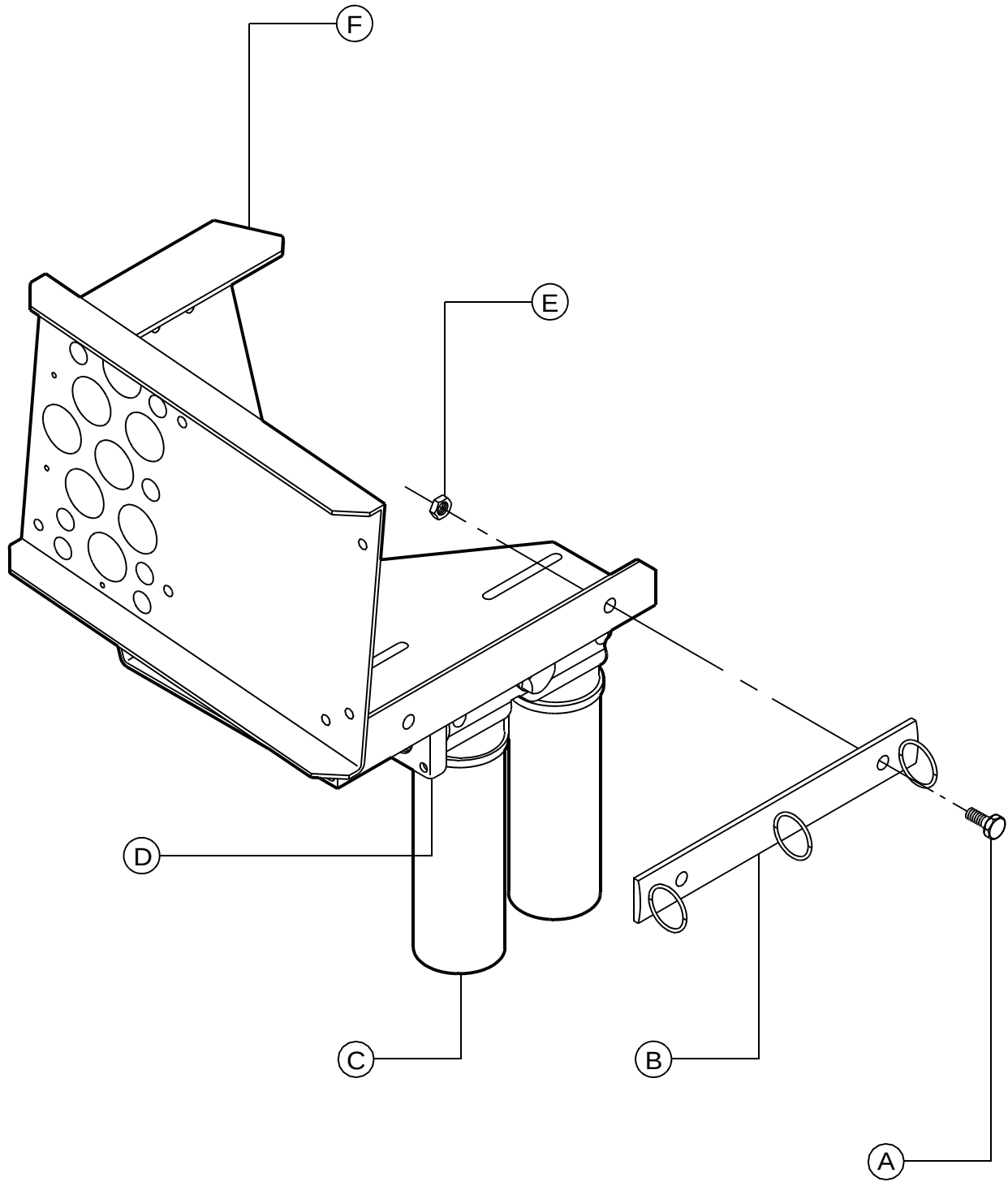
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36893691	Hose, Discharge		
B	36765121	Screw		
C	35575570	Gasket		
D	35579630	Plug		
E	35279942	O-Ring		
F	36891307	Tank, Separator (Standard)		
	36898476	Tank, Separator (EEC)		
G	36879302	Screw		
H	36891083	Gauge, Oil Level		
J	36891315	Element		
K	36891323	Cover		
L	35602325	Spring		
M	35375377	Screw		
N	95252409	Plug		
P	36879302	Screw		
Q	95280541	O-Ring		
R	95252409	Plug		
S	36785012	Bracket		

Minimum Pressure Valve



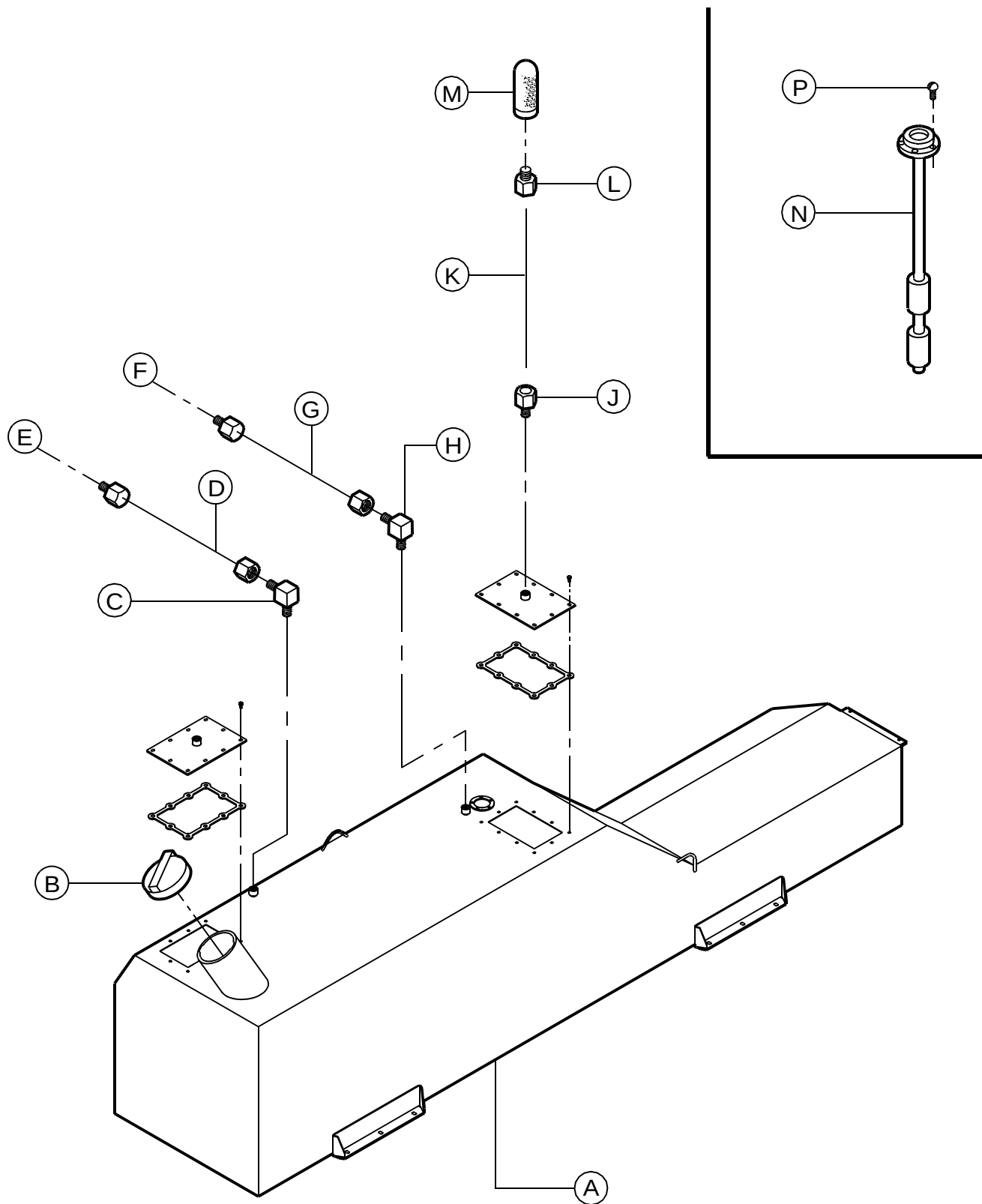
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35677341	Cap		
B	35367390	Insert		
C	11A5D6Z1	Washer		
D	35367366	Spring		
E	35367374	O-Ring		
F	35367325	Piston		
G	35367358	Spring		
H	35367317	Check Valve Assy		
J	35367333	Body		

Oil Filter Mount



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95942553	Screw		
B	36788982	Binder, 3-Ring		
C	36860336	Element, Filter		
D	36756120	Filter Head Assy		
E	95923033	Nut		
F	36893766	Support, A/E Air Cleaner		

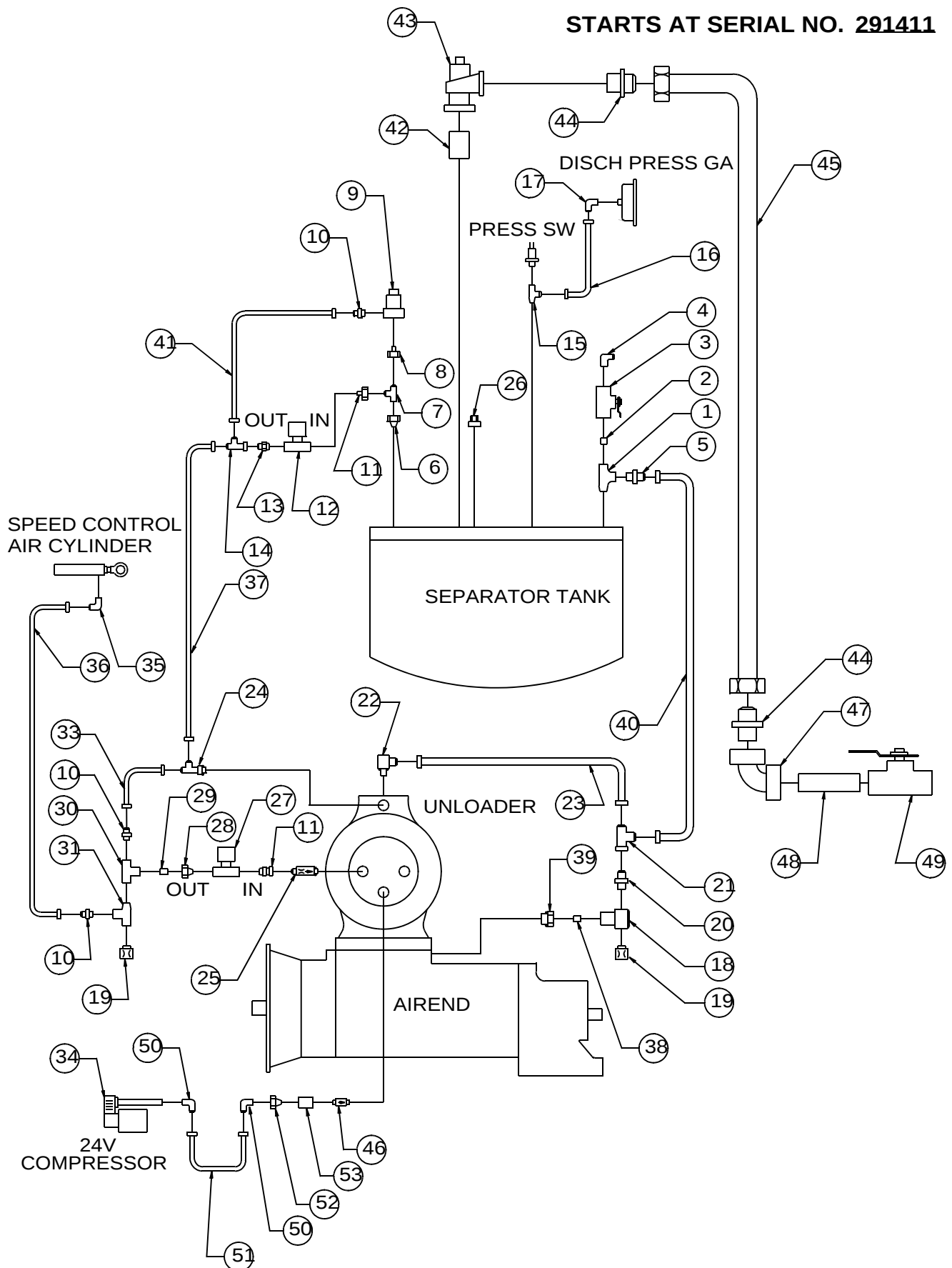
Fuel Tank



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36893667	Tank, Fuel		
B	36845014	Cap, Fuel Tank		
C	35286756	Elbow, 90 Deg.		
D	35136548	Hose Assy		
E		Fuel Supply		
F		Fuel Return		
G	36881928	Hose Assy		
H	35283118	Elbow, 90 Deg.		
J	35369347	Connector		
K	35356484	Tube		
L	35369339	Connector		
M	35322395	Muffler		
N	36893949	Sender, Fuel		
P	36842102	Screw		

Air Piping

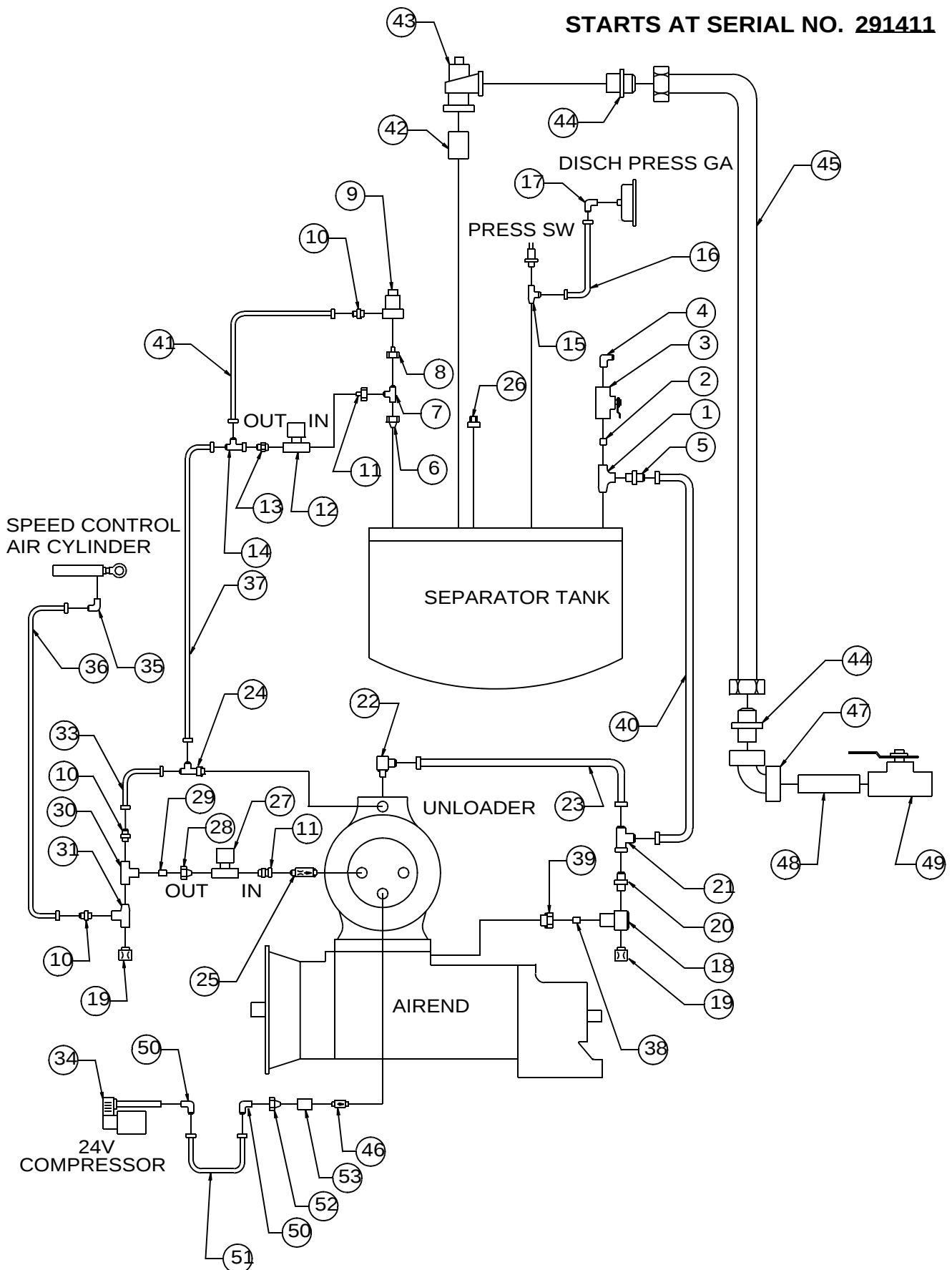
STARTS AT SERIAL NO. 291411



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	95954269	Tee, Street, .75 NPT		
2	95928040	Nipple, Close, .75 NPT		
3	35576115	Valve, Ball, .75 NPT		
4	95928172	Elbow, Street 90, .75 NPT		
5	35313287	Adapter, .75 NPT x -8 JIC		
6	95944625	Bushing, .50 NPT x .25 NPT		
7	35283050	Tee, Run, .25 NPT x -6 JIC		
8	35367846	Nut, Swivel, .25 NPT x -6 JIC		
9	36854495	Valve, Pressure Regulator, 150 PSI (HP 935)		
	36854149	Valve, Pressure Regulator, 100 PSI (XP 1050)		
10	35284082	Connector, .25 NPT x -6 JIC		
11	35368927	Swivel, Female, .38 NPT x -6 JIC		
12	36840841	Valve, Solenoid, 24V, .38 NPT		
13	35290147	Connector, .38 NPT x -6 JIC		
14	35283084	Tee, Run, Swivel Nut, -6 JIC		
15	35326503	Tee, .125 NPT x -4 JIC		
16	35127083	Hose, -4 JIC x 72.00 Long		
17	35301225	Elbow, 90, .125 NPT x -4 JIC		
18	35322379	Valve, Blowdown		
19	35322346	Connector, orifice, .156		
20	35283134	Connector, .25 NPT x -8 JIC		
21	35287929	Tee, Run, Swivel Nut, -8 JIC		
22	35287937	Elbow, 90, .56-18 x -8 JIC		
23	35857176	Tube, Flared, -8 JIC		
24	35279850	Tee, Run, .56-18 x -6 JIC		
25	36840460	Valve, Relief/Check, .040 Orifice		
26	95954038	Plug, .25 NPT		

Air Piping

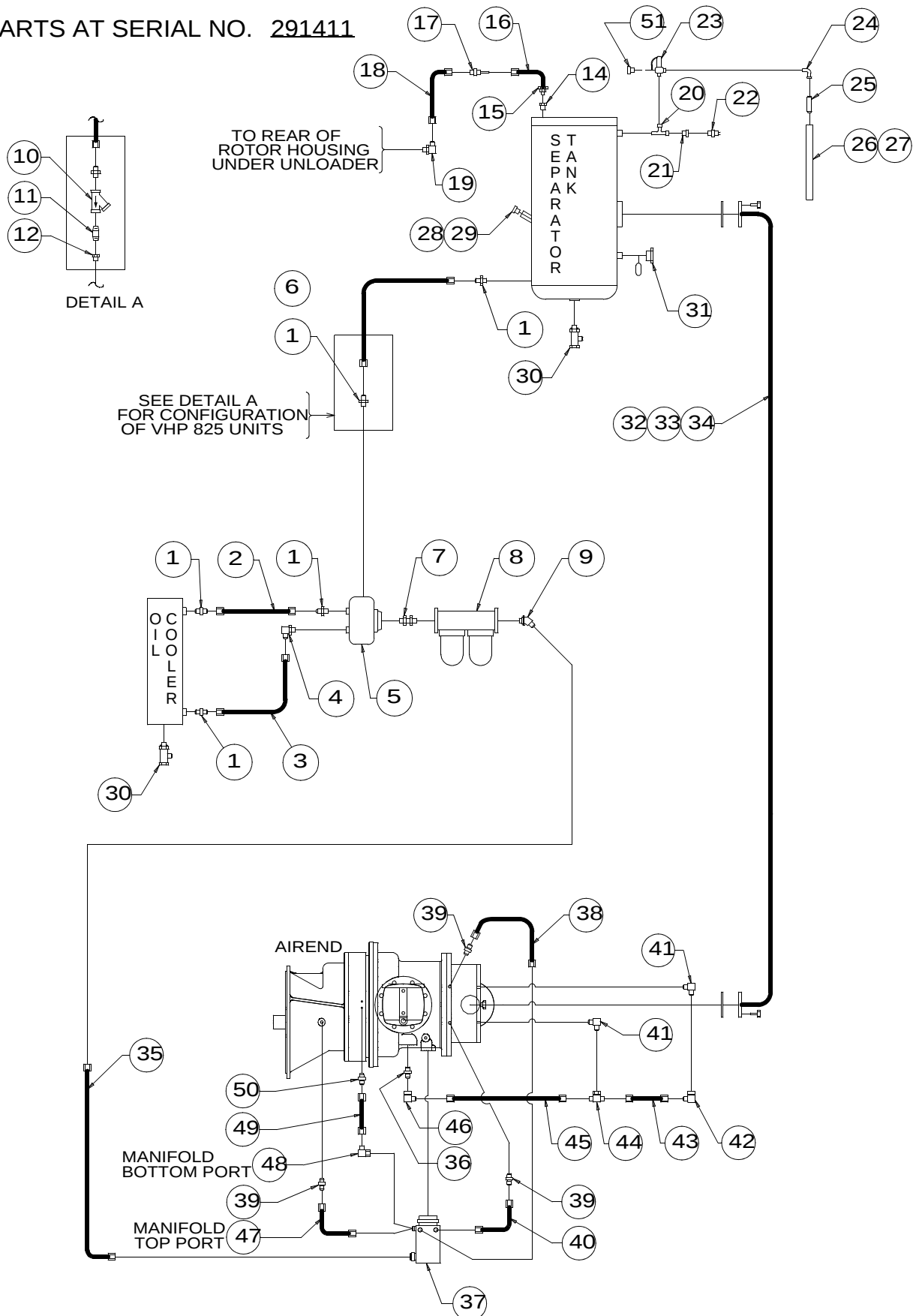
STARTS AT SERIAL NO. 291411



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
27	36881944	Valve, Solenoid, Start/Run		
28	95940748	Bushing, .38 NPT x .25 NPT		
29	95944575	Nipple, Close, .25 NPT		
30	95954194	Tee, .25 NPT		
31	95944690	Tee, Street, .25 NPT		
32	35284082	Connector, .25 NPT x -6 JIC		
33	36843464	Tube, Flared, -38 JIC		
34	36046308	Kit, Compressor, 24V		
35	35301126	Elbow, 90, .125 NPT x -6 JIC		
36	36844074	Hose, -6 JIC x 52.00 Long		
37	35311471	Hose, -6 x 30.00 Long		
38	95667341	Nipple, Close, .25 NPT		
39	35302314	Adapter		
40	35141902	Hose, -8 JIC x 50.00 Long		
41	35282953	Hose, -6 JIC x 11.00 Long		
42	95953808	Nipple, 2.00 NPT x 3.00 Long		
43	35598770	Valve, check, 2.00 NPT, Minimum Pressure		
44	35335124	Connector, Male, -32 JIC x 2.00 NPT		
45	36893923	Tube, Service		
46	35248145	Valve, Check, .25 NPT		
47	95946281	Elbow, 90, 2.00 NPT		
48	95944658	Nipple, 2.00 NPT x 12.00 Long		
49	35602473	Valve, Ball, 2.00 NPT		
50	35306687	Elbow, 90, .125 NPT x -4 JIC		
51	35283258	Hose, -4 JIC x 34.00 Long		
52	95930301	Bushing, reducing, .25 NPT x .12 NPT		
53	95953444	Coupling, .25 NPT		

Oil Piping

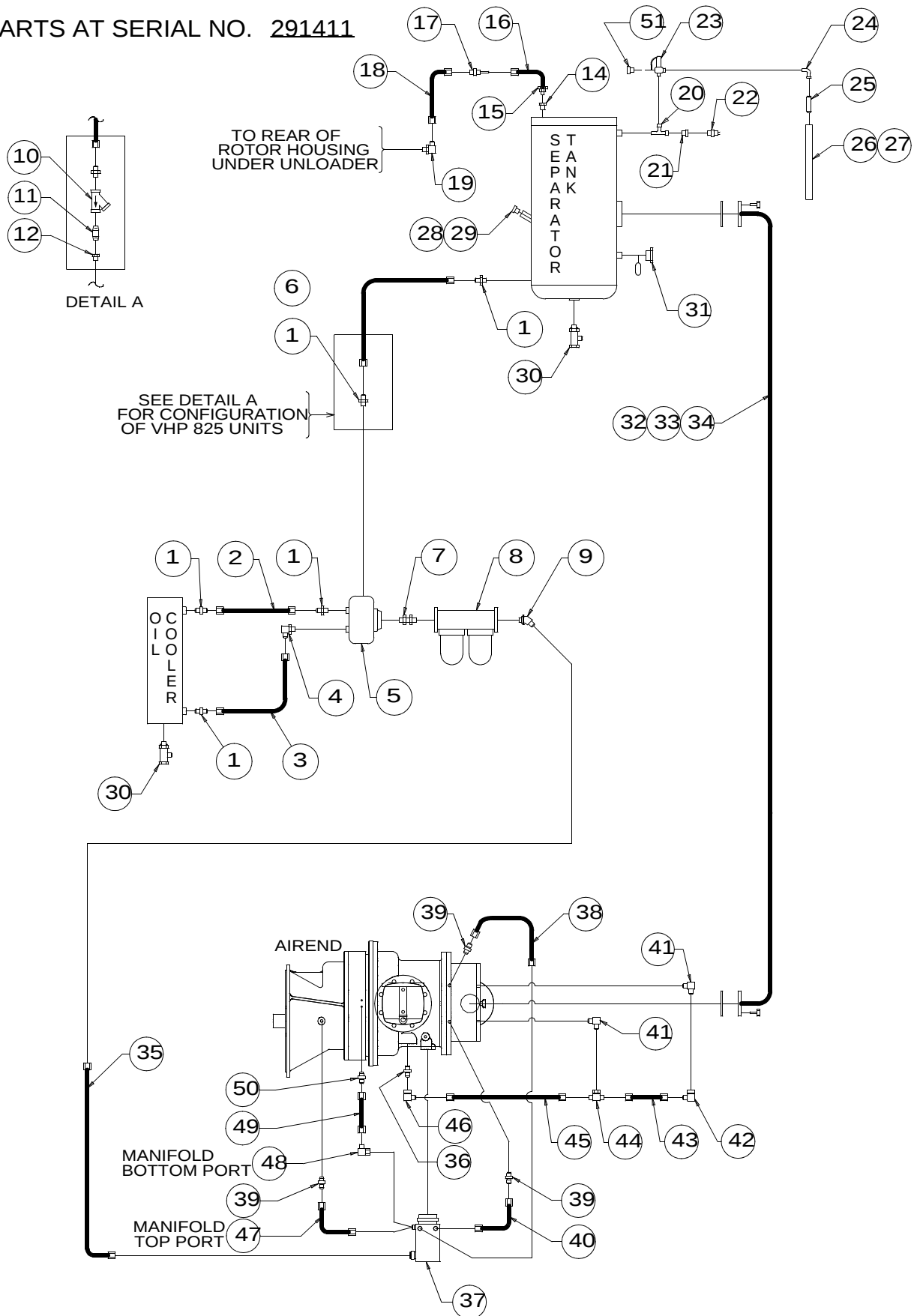
STARTS AT SERIAL NO. 291411



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35296409	Connector, Straight, 1.88-12 x -24 JIC, w/O-Ring		
2	36894749	Tube Assy, Upper		
3	36894731	Tube Assy, Lower		
4	95431292	Elbow, 90, 1.88-12 x -24 JIC, w/O-Ring		
5	36893824	Valve, Oil Temperature Bypass		
6	35130863	Hose Assy		
7	95867933	Union, 1.88-12 x -24 JIC, w/O-Ring		
8	36756120	Dual Filter Assy		
9	35296425	Elbow, 45, 1.88-12 x -24 JIC, w/O-Ring		
10				
11				
12				
13				
14	95037347	Bushing, .50 NPT x .38 NPT		
15	35329309	Lenz Fitting		
16	22072219	Tube Assy		
17	36840411	Valve, Check, .25		
18	35127034	Hose Assy		
19	95365094	Elbow, 90, .44-20 x -4 JIC, w/O-Ring		
20	95954277	Tee, Street, 1.25 NPT		
21	95940912	Bushing, 1.25 NPT x .50 NPT		
22	36865756	Switch, temperature		
23	39225511	Valve, Safety, 200 PSI		
24	95953311	Elbow, Street, 90, 1.50 NPT		
25	36764389	Tube Adapter, 1.50 Pipe x 2.00 Tube		

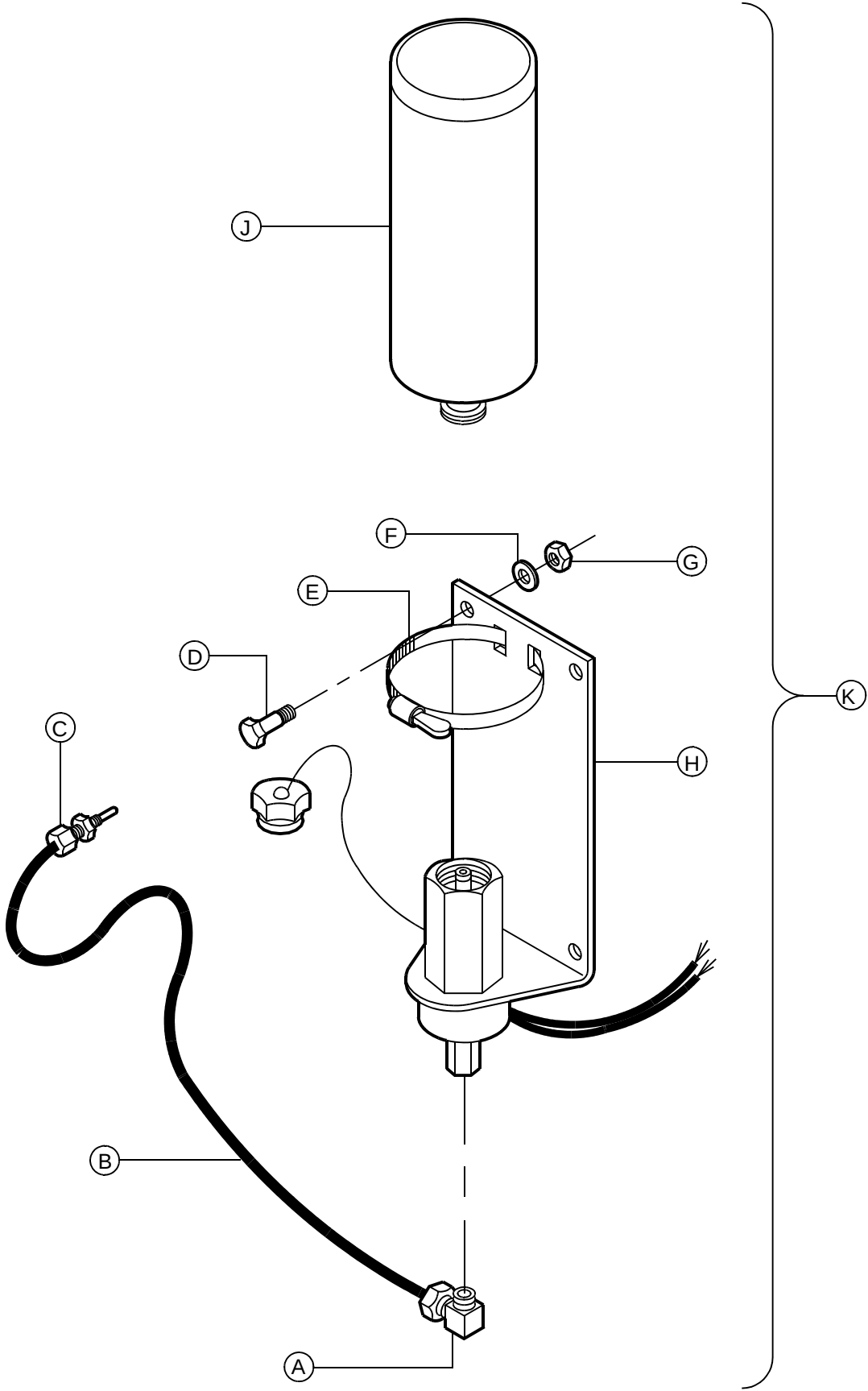
Oil Piping

STARTS AT SERIAL NO. 291411



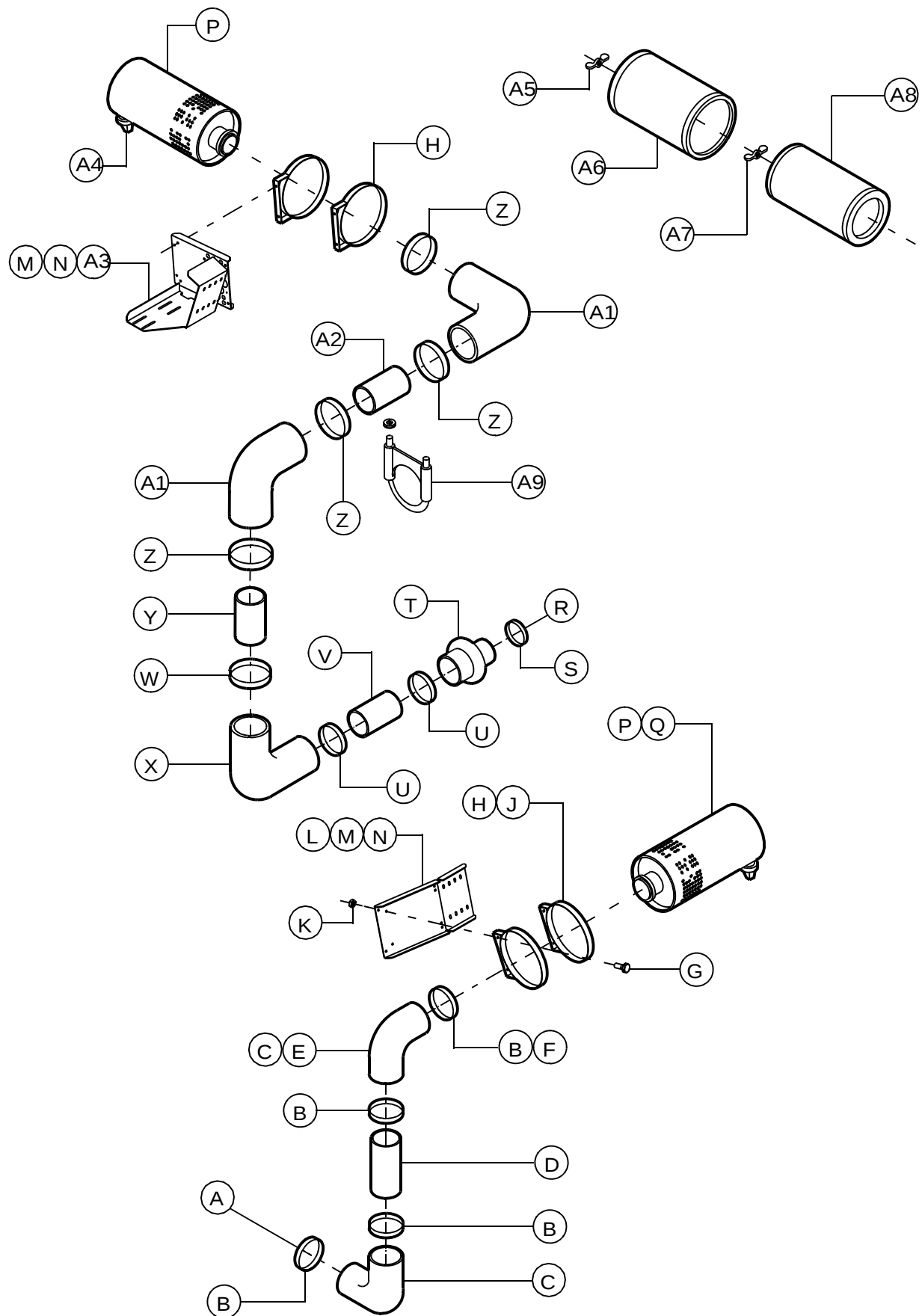
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
26	36764884	Tube, Vent		
27	35192178	Clamp, Saddle, 2.00		
28	35579630	Plug, Vent, 1.62-12		
29	35279942	O-Ring		
30	36795680	Valve, Drain, w/O-Ring		
31	36891083	Gauge Assy, Oil Level		
32	36893691	Hose Assy, Discharge		
33	35575570	Gasket		
34	36765121	Screw, Hex, M16-2.00 x 55LG		
35	35130871	Hose Assy		
36	35286954	Connector, Straight, .88-14 x -10 JIC, w/O-Ring		
37	36866531	Manifold, w/O-Ring		
38	36865889	Tube Assy		
39	36866564	Connector, Straight, .44-18 x -6 JIC, w/O-Ring		
40	36865897	Tube Assy		
41	35305622	Elbow, 90, .75-16 x -10 JIC, w/O-Ring		
42	35305648	Elbow, Swivel, 90, .75-16 x -10 JIC		
43	36865921	Tube Assy		
44	35356450	Tee, Swivel, .88-14 x -10 JIC		
45	35856251	Tube Assy		
46	35305648	Elbow, 90, .75-16 x -10 JIC		
47	36865905	Tube Assy		
48	35283068	Elbow, 90, .56-18 x -6 JIC		
49	36894780	Tube Assy		
50	36866564	Connector, Straight, .44-20 x -6 JIC, w/O-Ring		

Cold Starting Aid



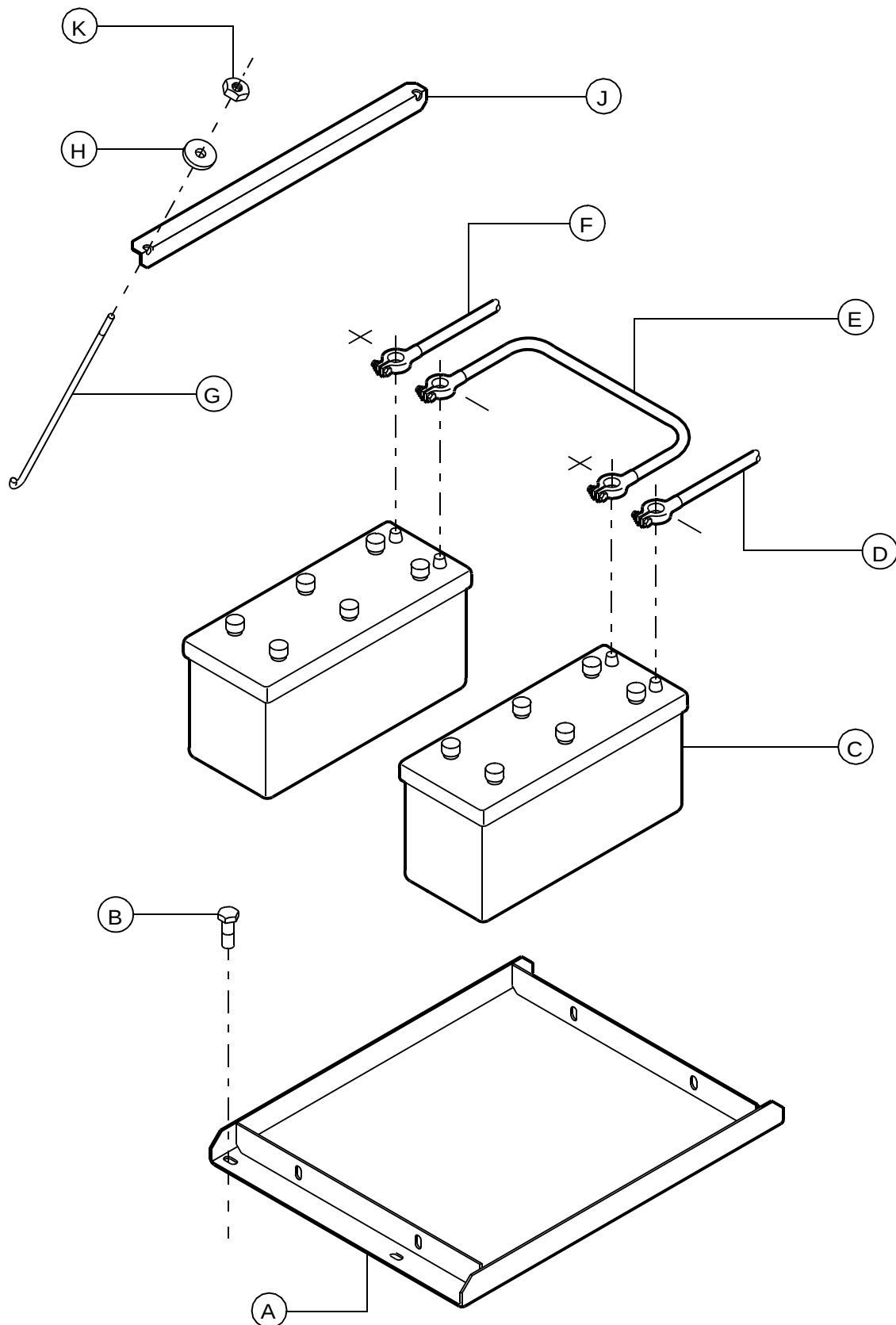
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35103498	Elbow, 90 Deg.		
B	35132166	Tube		
C	35602812	Atomizer		
D	35322908	Screw		
E	35103506	Clamp		
F	14A5C55	Washer		
G	92304500	Nut		
H	35357961	Valve and Bracket Assy		
J	35112911	Cylinder, Ether		
K	35357052	Kit, Starting Aid		

Air Intake



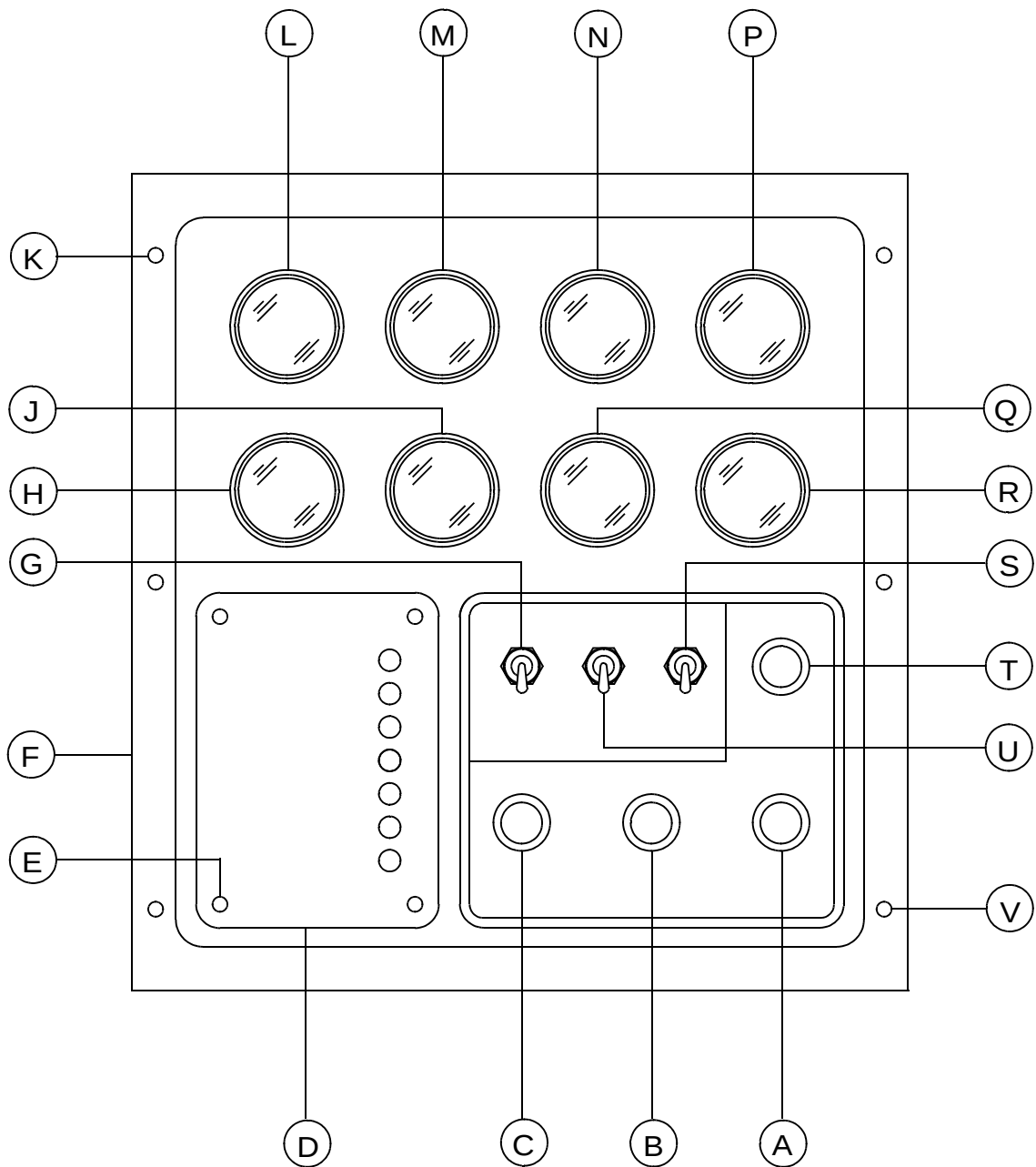
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A		To Unloader Inlet		
B	35119858	Clamp		
C	35598838	Elbow		
D	35112648	Tube		
E	35315894	Elbow		
F	35123496	Clamp		
G	36880995	Screw		
H	35863638	Band, Mounting		
J	35502608	Band, Mounting		
K	36879195	Nut		
L	36893766	Support, A/E Air Cleaner		
M	36880995	Screw		
N	36879195	Nut		
P	36866242	Air Cleaner Assy (HP 935)		
Q	36893832	Air Cleaner Assy (XP 1050)		
R		To Engine Turbo		
S	35279553	Clamp		
T	35274406	Reducer		
U	35161025	Clamp		
V	36895639	Tube		
W	35116615	Clamp		
X	35281328	Elbow		
Y	36895647	Tube		
Z	35116615	Clamp		
A1	35117605	Elbow		
A2	35596493	Tube		
A3	36893758	Support, Engine Air Cleaner		
A4	36867778	Ejector, Dust		
A5	36867794	Nut, Wing		
A6	36867786	Element, Primary		
	36893840	Element, Primary		
A7	36867794	Nut, Wing		
A8	36876019	Element, Safety		
	36893857	Element, Safety		
A9	36896579	Clamp		

Battery Mount



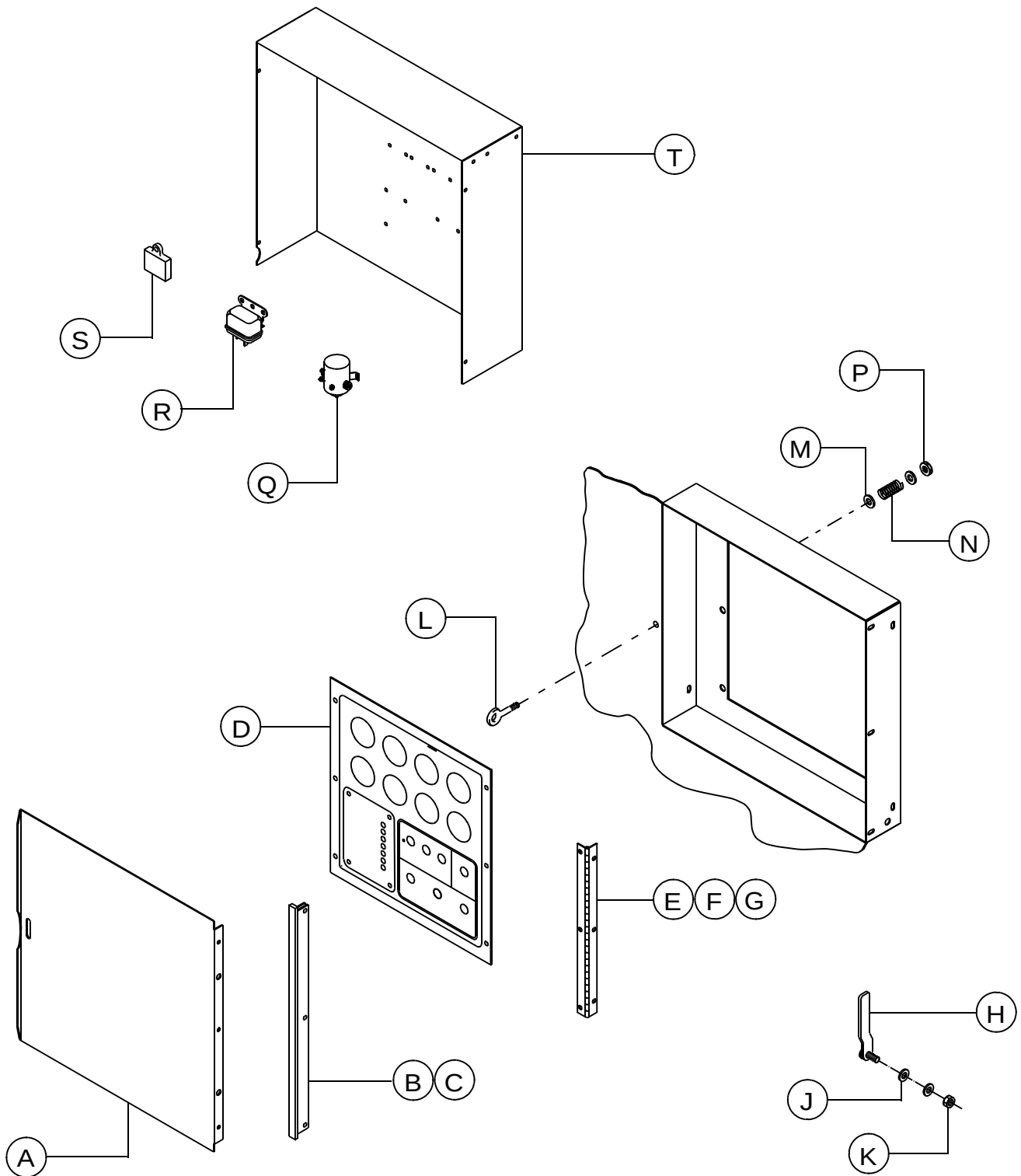
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36894798	Tray, Battery		
B	35279025	Screw		
C	36793545	Battery (Wet)		
	36892523	Battery (Dry)		
D	35579143	Cable, Negative		
E	35128982	Cable, Jumper		
F	35512425	Cable, Positive		
G	36860005	J-Bolt		
H	36853265	Washer		
J	36895456	Bracket, Hold-Down		
K	95923298	Nut		

Control Panel



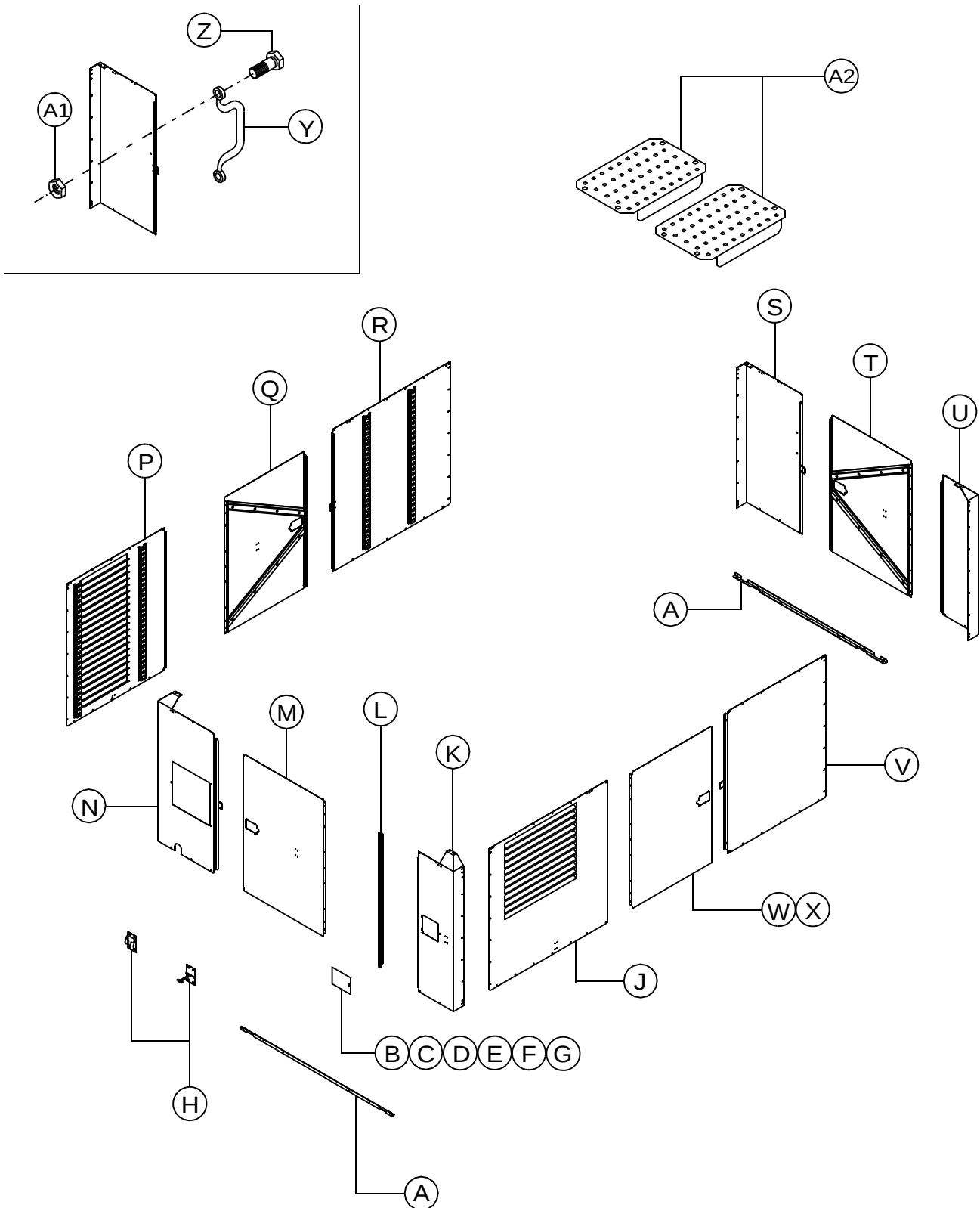
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35255561	Switch, bypass		
B	35255553	Switch, Start		
C	35255553	Switch, Ether Injection		
D	36771434	Module, 7-Light		
E	36775484	Rivet, Plastic		
F	36842656	Panel, Instrument/Control		
G	35337435	Switch, Power, On/Off		
H	36841245	Gauge, Hourmeter		
J	35604099	Gauge, Fuel Level		
K	36844124	Stud, 1/4-Turn		
	35369180	Retainer		
	35314582	Receptacle		
L	35377878	Gauge, Discharge Pressure (HP 915)		
	36789535	Gauge, Discharge pressure (XP 1000)		
M	35604115	Gauge, Discharge Air Temperature		
	36841146	Kit, Resistor/Bulb		
N	36870590	Gauge, Engine Oil Pressure		
P	35372416	Gauge, Tachometer		
Q	35604115	Gauge, Engine Water Temperature		
R	36841153	Gauge, Voltmeter		
S		Switch, Accessory (Optional)		
T	35255561	Switch, Service Air		
U	35337435	Switch, Light		
V	35144328	Screw		
	35144492	Nut		
	36891455	Harness, Panel (NOT SHOWN)		
	36892370	Module, Low Water (NOT SHOWN)		
	36842128	Bulb, Gauge (NOT SHOWN)		

Control Panel Mount



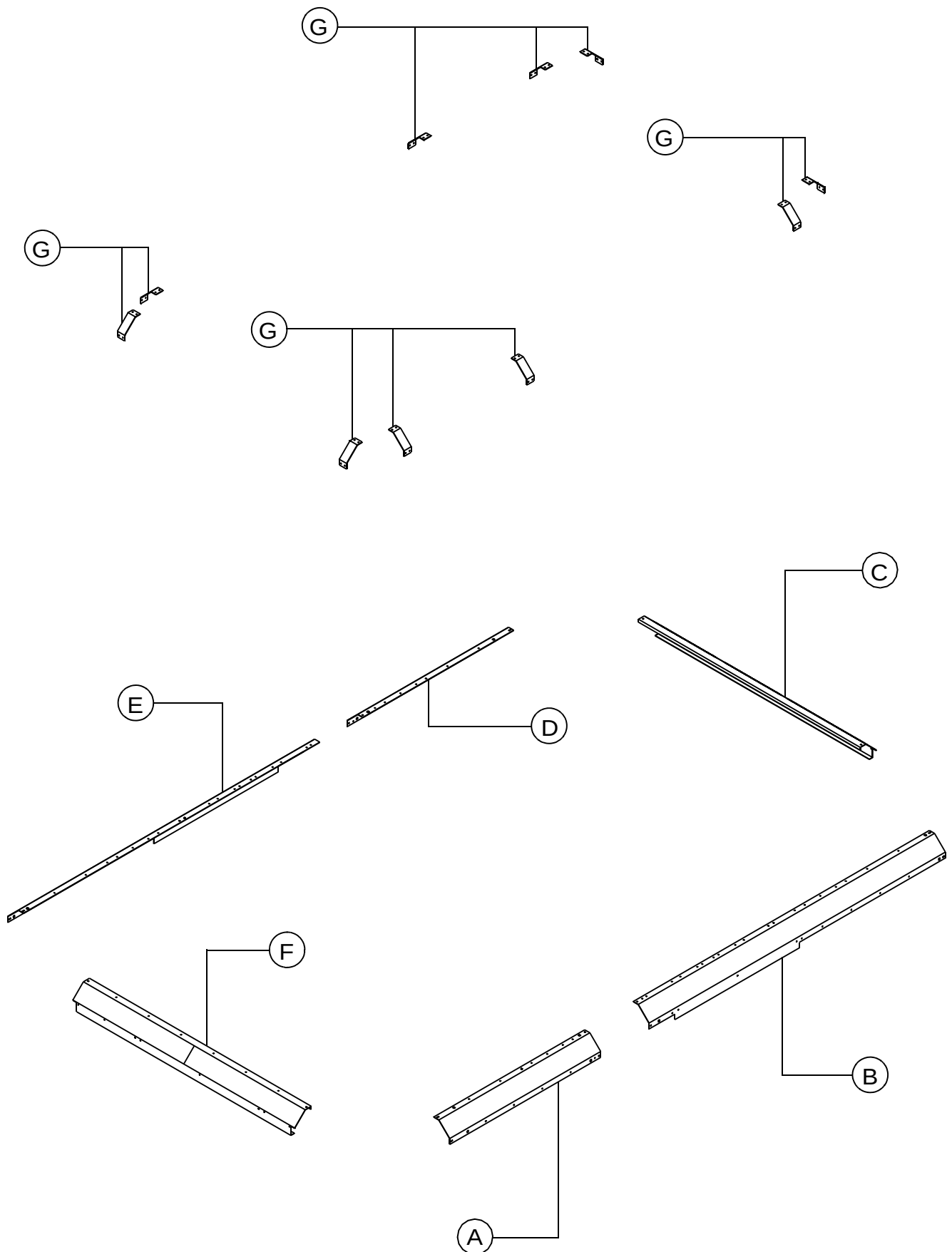
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36845394	Door, Control Panel		
B	36845733	Hinge		
C	35356617	Rivet		
D	36842656	Panel, Instrument/Control		
E	36845725	Hinge		
F	35144328	Screw		
G	35144492	Nut		
H	35603349	Holder		
J	95935037	Washer		
K	35273366	Nut		
L	35327303	Eyebolt		
M	95923314	Washer		
N	35327311	Spring		
P	95923314	Nut		
Q	35577873	Switch, Mag.		
R	36878361	Relay, 24V		
	36892362	Relay, 24V		
S	36892370	Module, Low Water		
T	36844595	Enclosure, Instrument Panel		

Enclosure Side Panels



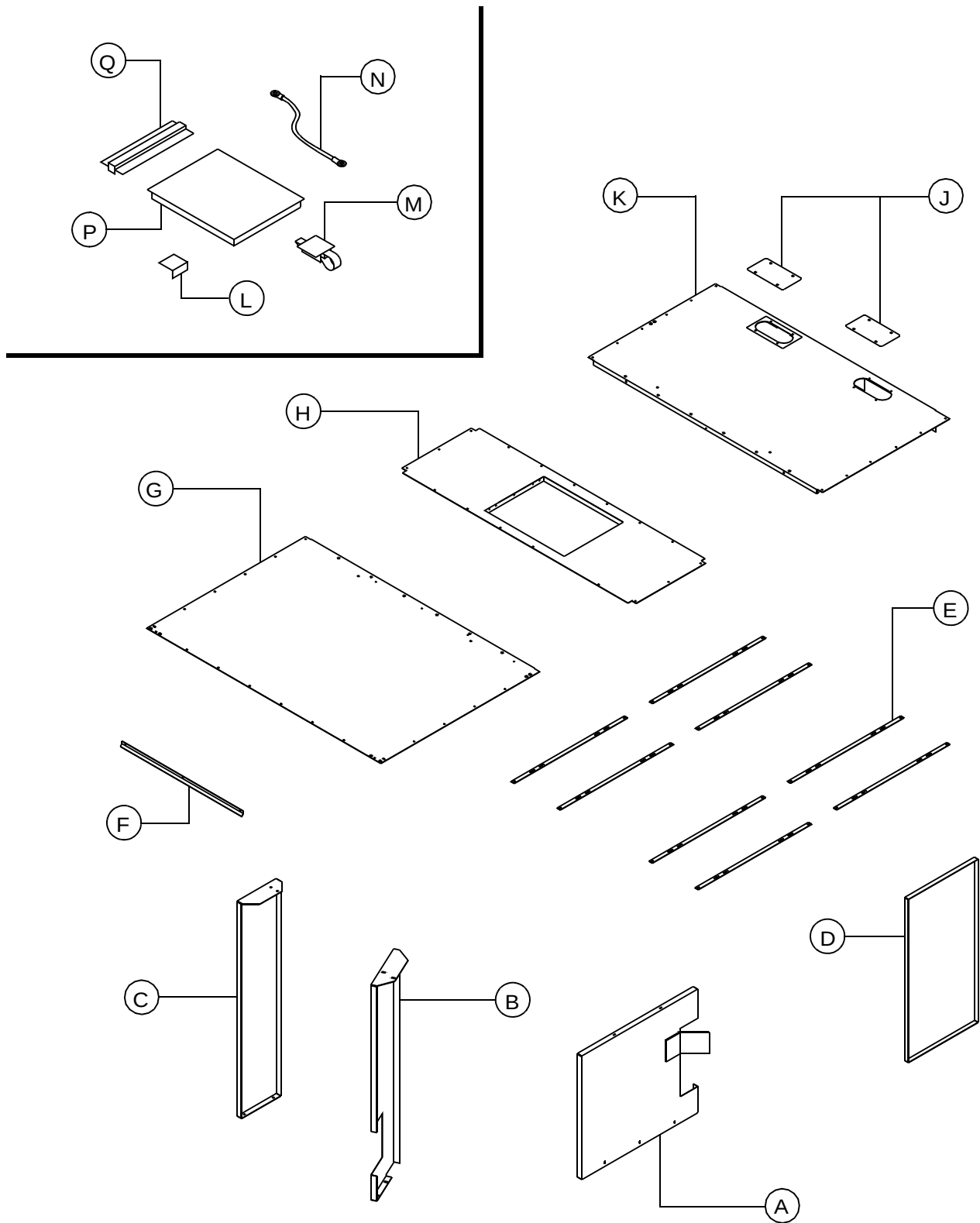
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36894590	Bracket, Mounting		
B	36894467	Door, Fuel Filler		
C	36501500	Hinge		
D	35327303	Eyebolt		
E	35327311	Spring		
F	95934998	Washer		
G	95923314	Nut		
H	36849925	Latch, Door		
J	36894434	Panel, Front, LH		
K	36894459	Panel, Front, LH		
L	36740421	Hinge		
M	36894400	Door		
N	36894475	Panel, Front Side, RH		
P	36894442	Panel, Front, RH		
Q	36894418	Door		
R	36894368	Panel, Rear, RH		
S	36894384	Panel, Rear, RH		
T	36894400	Door		
U	36894376	Panel, Rear, LH		
V	36894350	Panel, Rear Side, LH		
W	36894426	Door		
X	36793602	Latch, Door		
Y	35130707	Hand Hold		
Z	35374834	Screw		
A1	36769743	Nut		
A2	36897619	Step, Rear		

Enclosure Top Corner Panels



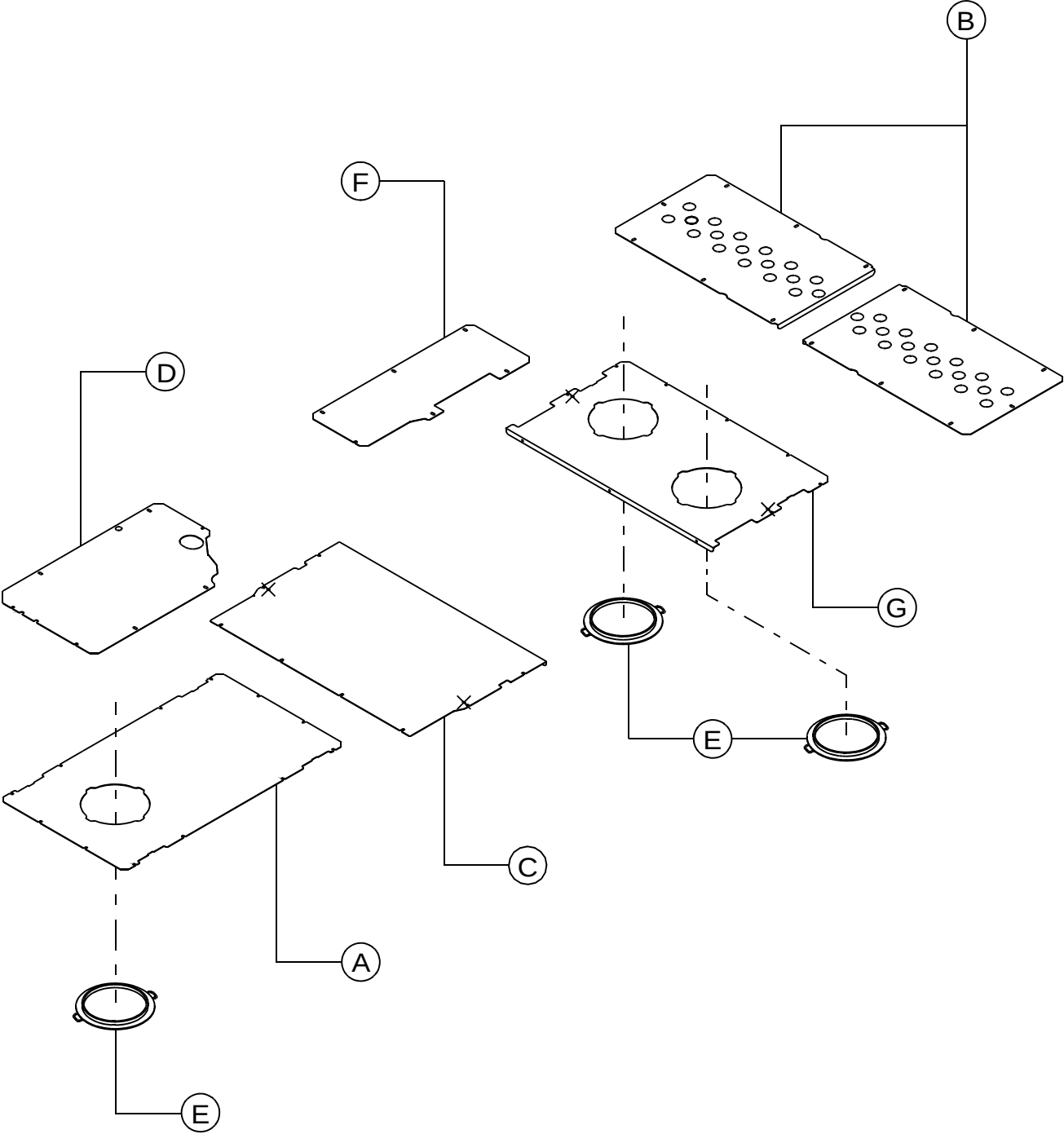
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36894533	Rail, Top, LH		
B	36894525	Rail, Long, LH		
C	36894392	Rail, Top, Rear		
D	36894533	Rail, Rear, RH		
E	36894525	Rail, Long, RH		
F	36894483	Rail, Top, Front		
G	36755742	Strip, Connector		

Enclosure Roof and Baffles



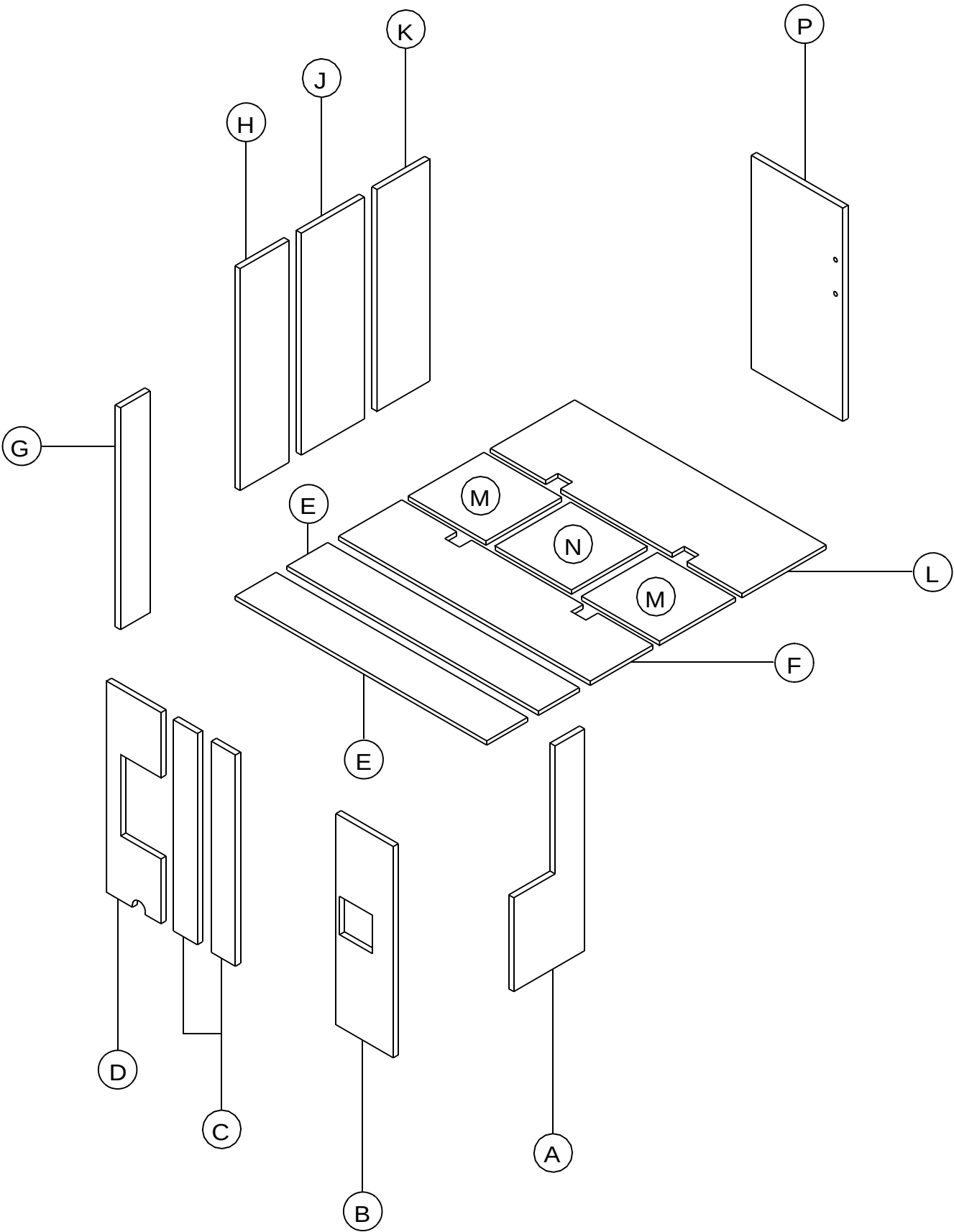
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36894558	Baffle, Intake, LH		
B	36894574	Baffle, Intake, Inside RH		
C	36894566	Baffle, Intake, RH		
D	36894541	Baffle, Exhaust		
E	36883421	Retainer, Roof		
F	36894582	Gutter		
G	36894491	Panel, Roof, Front		
H	36894509	Panel, Roof, Middle		
J	36879104	Cover, Cooler		
K	36894517	Panel, Roof, Rear		
L	35305416	Plate, Strike		
M	35131051	Latch, Door		
N	36771186	Cable		
P	36798635	Door, Roof		
Q	36756773	Hinge		

Enclosure Belly Pans



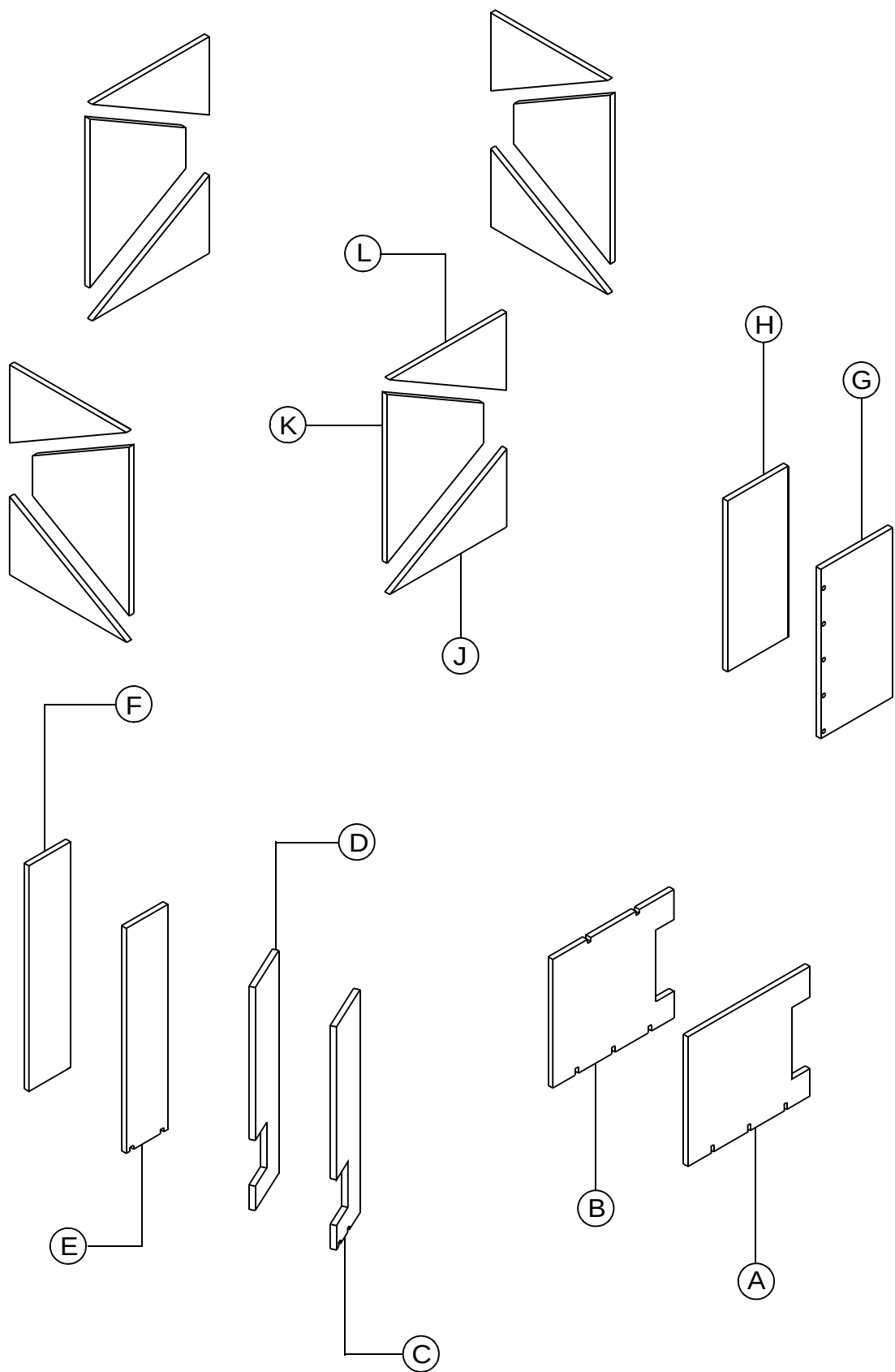
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36895555	Pan, A/E Belly, Front		
B	36895621	Pan, Exhaust Belly		
C	36895597	Pan, Engine Belly, Front		
D	36895571	Pan, RH Belly, Front		
E	36880623	Cover, Flex		
F	36895589	Pan, RH Belly, Middle		
G	36895605	Pan, Engine Belly, Rear		

Acoustic Foam Roof and Sides



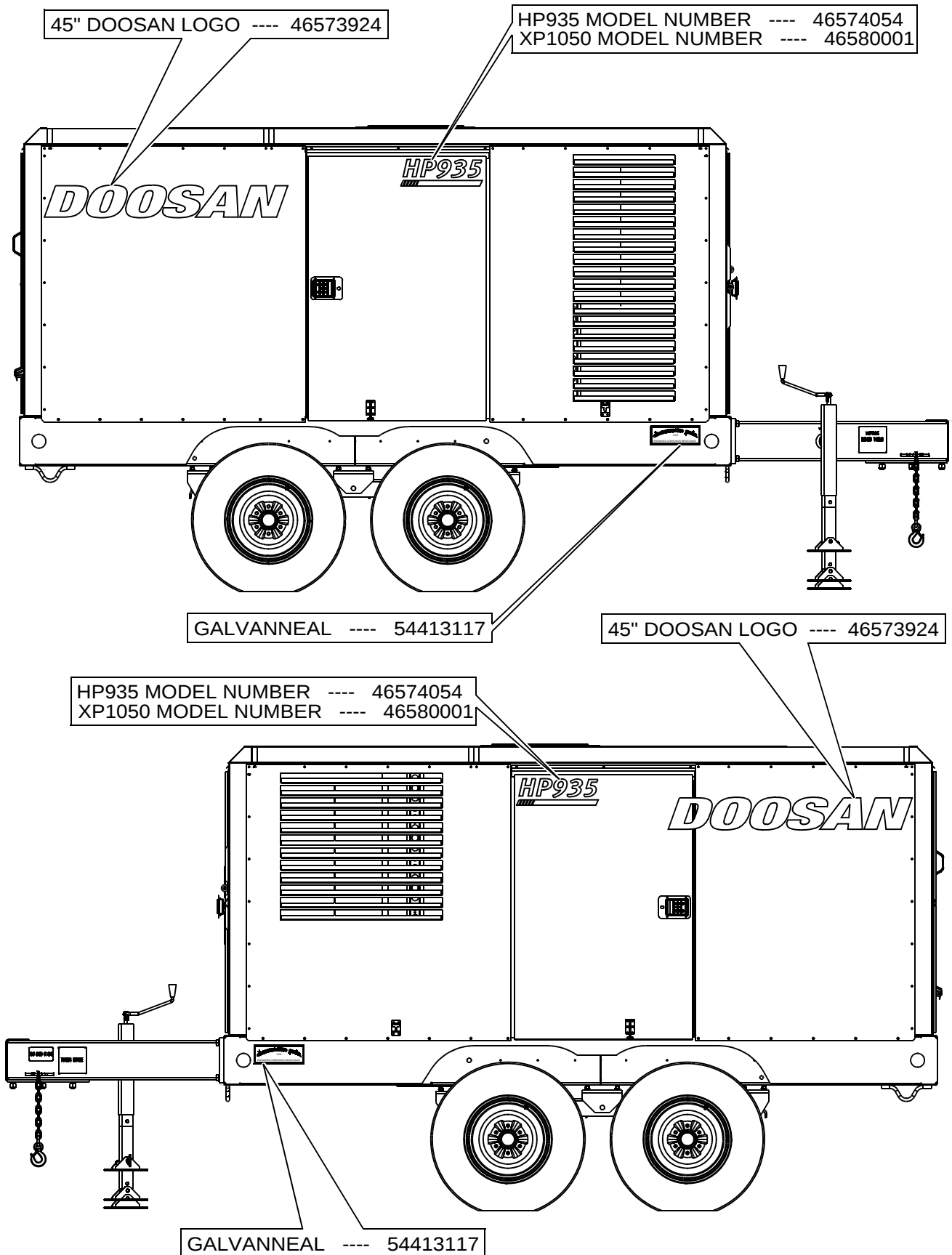
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36894947	Panel, Front, LH		
B	36894871	Panel, Front Endcap, LH		
C	36894889	Panel, Front Endcap, RH		
D	36894897	Panel, Front Endcap, RH		
E	36894954	Panel, Roof, Front		
F	36894962	Panel, Roof, Middle		
G	36894905	Panel, Front, RH		
H	36894939	Panel, Side, RH		
J	36894921	Panel, Middle, RH		
K	36894913	Panel, Rear, RH		
L	36894988	Panel, Roof, Rear		
M	36894970	Panel, Roof, LH & RH		
N	36846822	Panel, Roof Door		
P	36894996	Panel, Rear Endcap		

Acoustic Foam Doors and Baffles

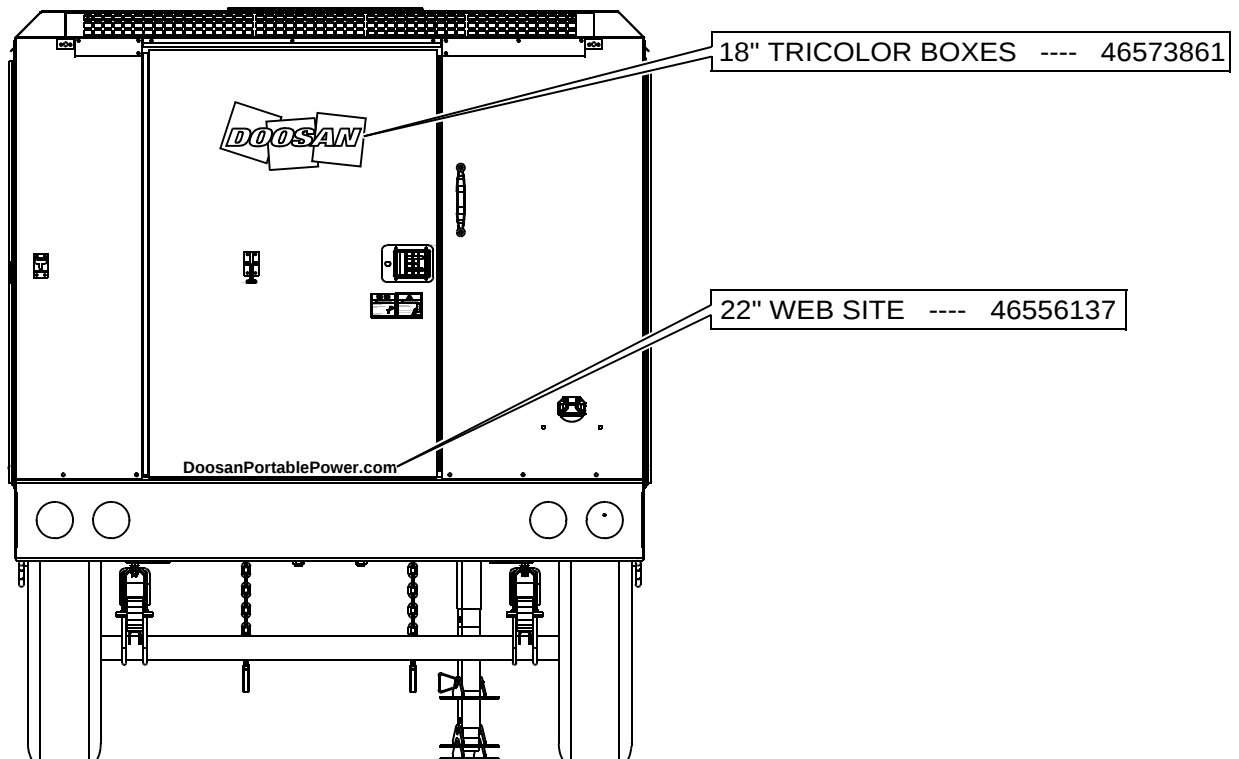
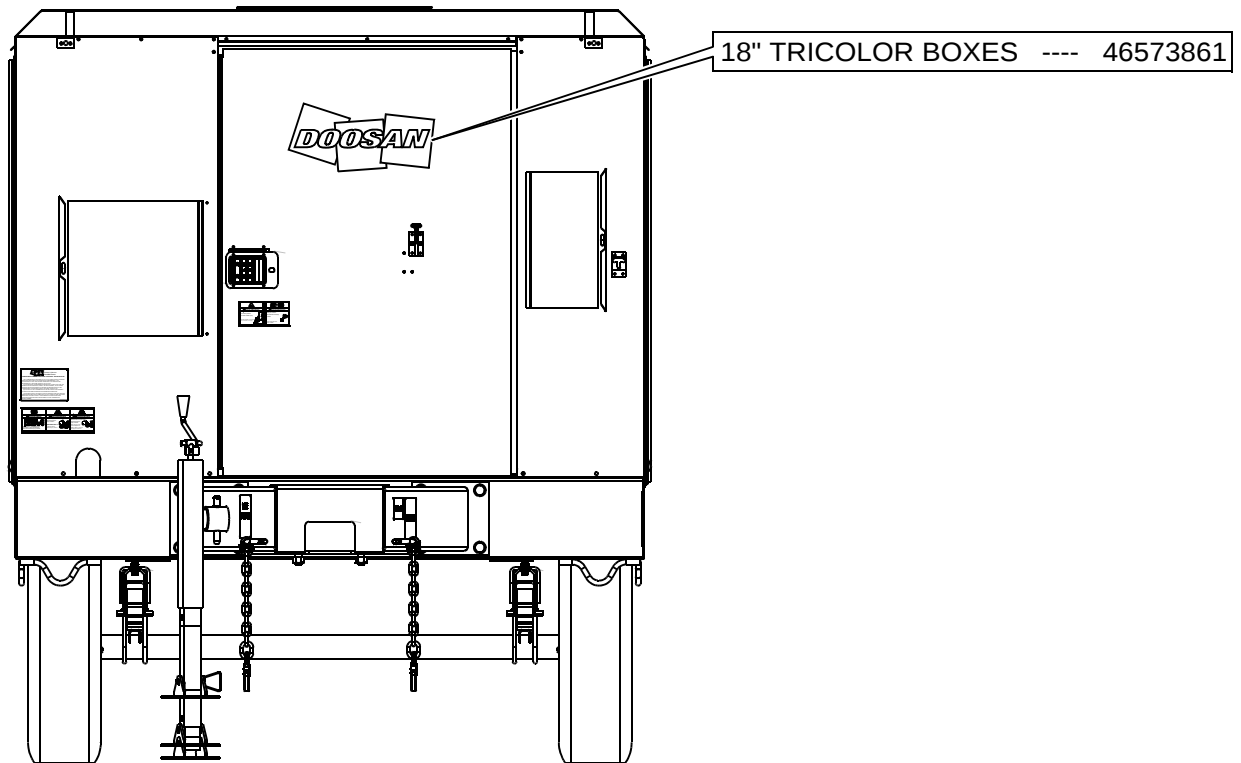


ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36895035	Panel, Baffle, Outside		
B	36895027	Panel, Baffle, Inside		
C	36895019	Panel, Intake, LH		
D	36895001	Panel, Intake, RH		
E	36895050	Panel, Intake Baffle, RH		
F	36895043	Panel, Intake Baffle, RH		
G	36894855	Panel, Exhaust Baffle, LH		
H	36894863	Panel, Exhaust Baffle, RH		
J	36854040	Panel, Door, Bottom		
K	36854065	Panel, Door, Middle		
L	36854024	Panel, Door, Top		

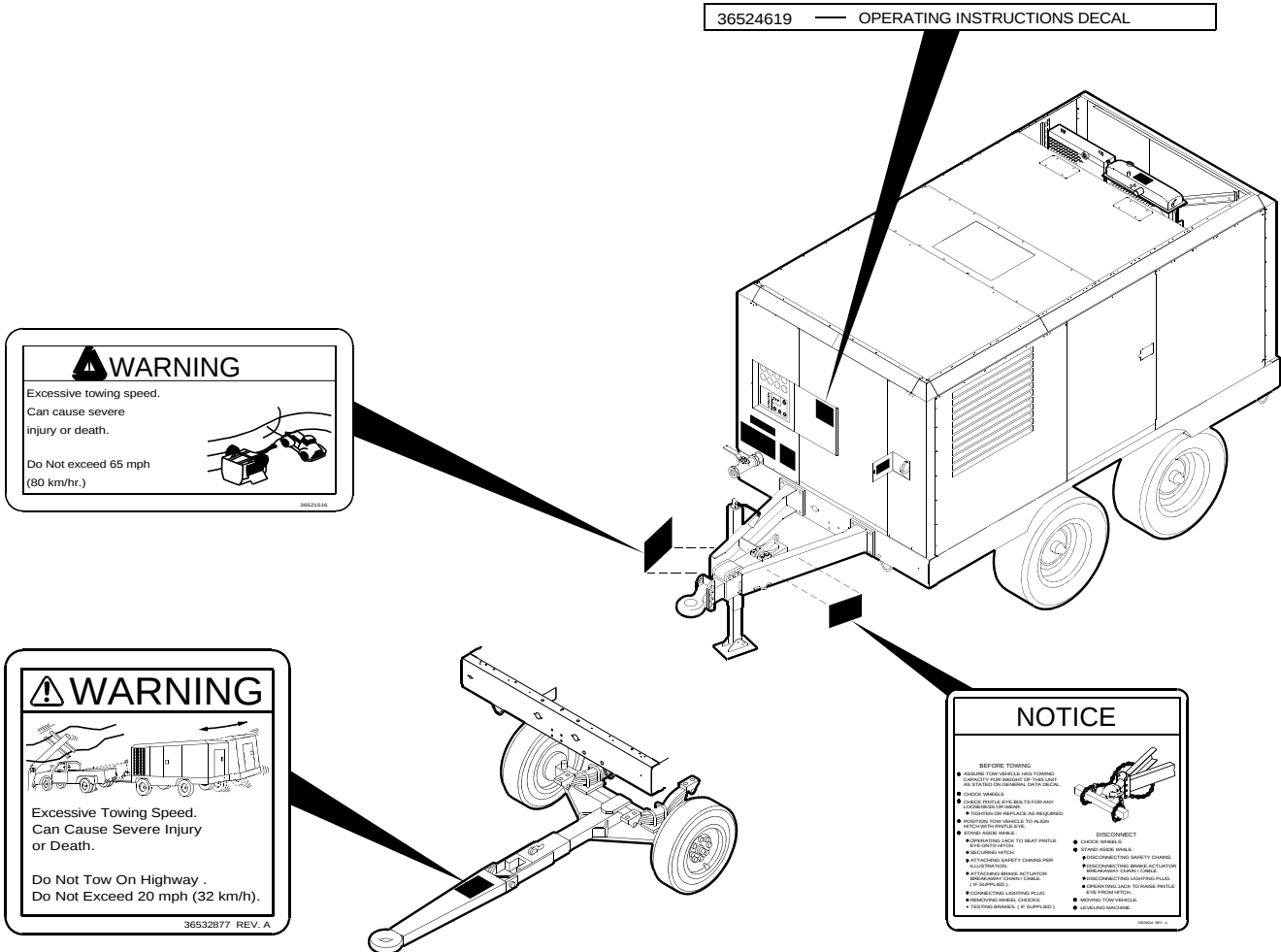
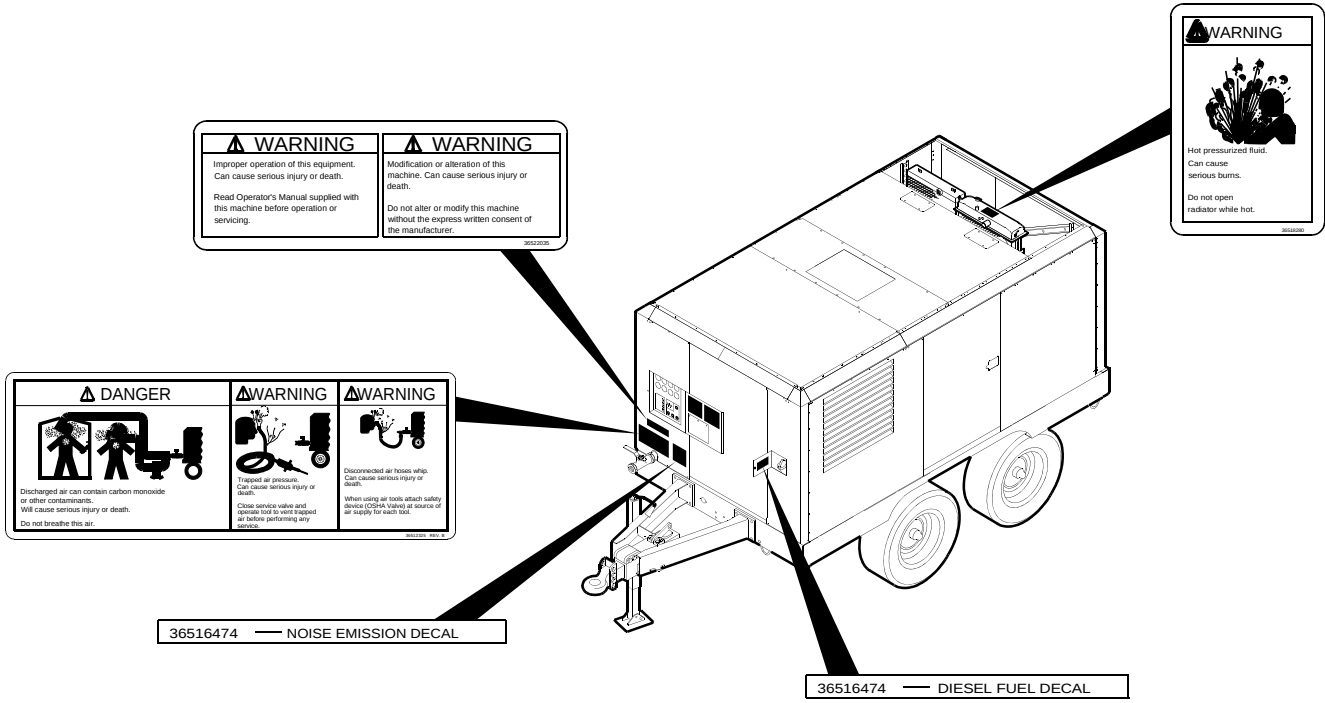
Decal Location Side Branding



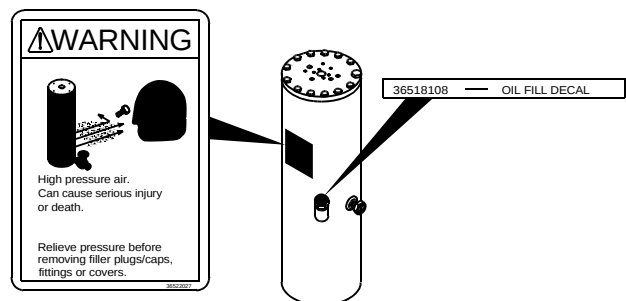
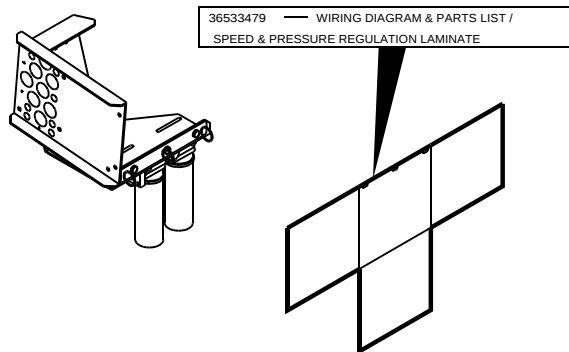
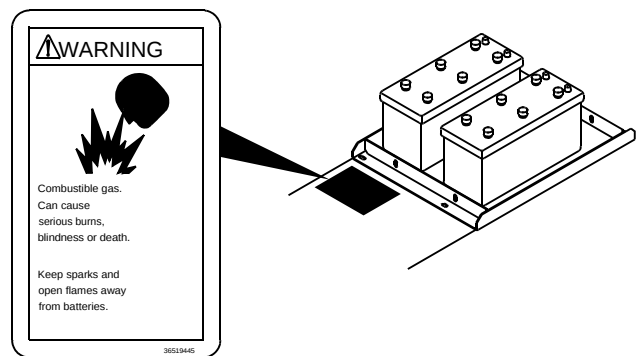
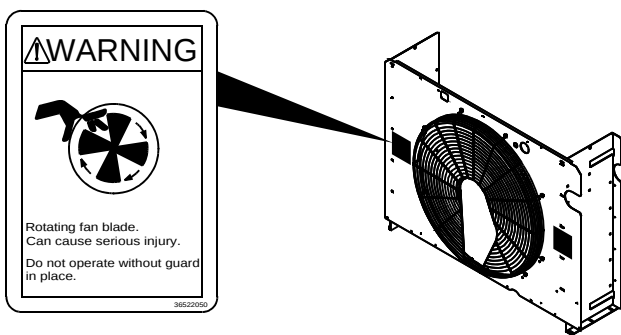
Decal Location Endcap Branding



Decal Location Street Side



Decal Location Interior

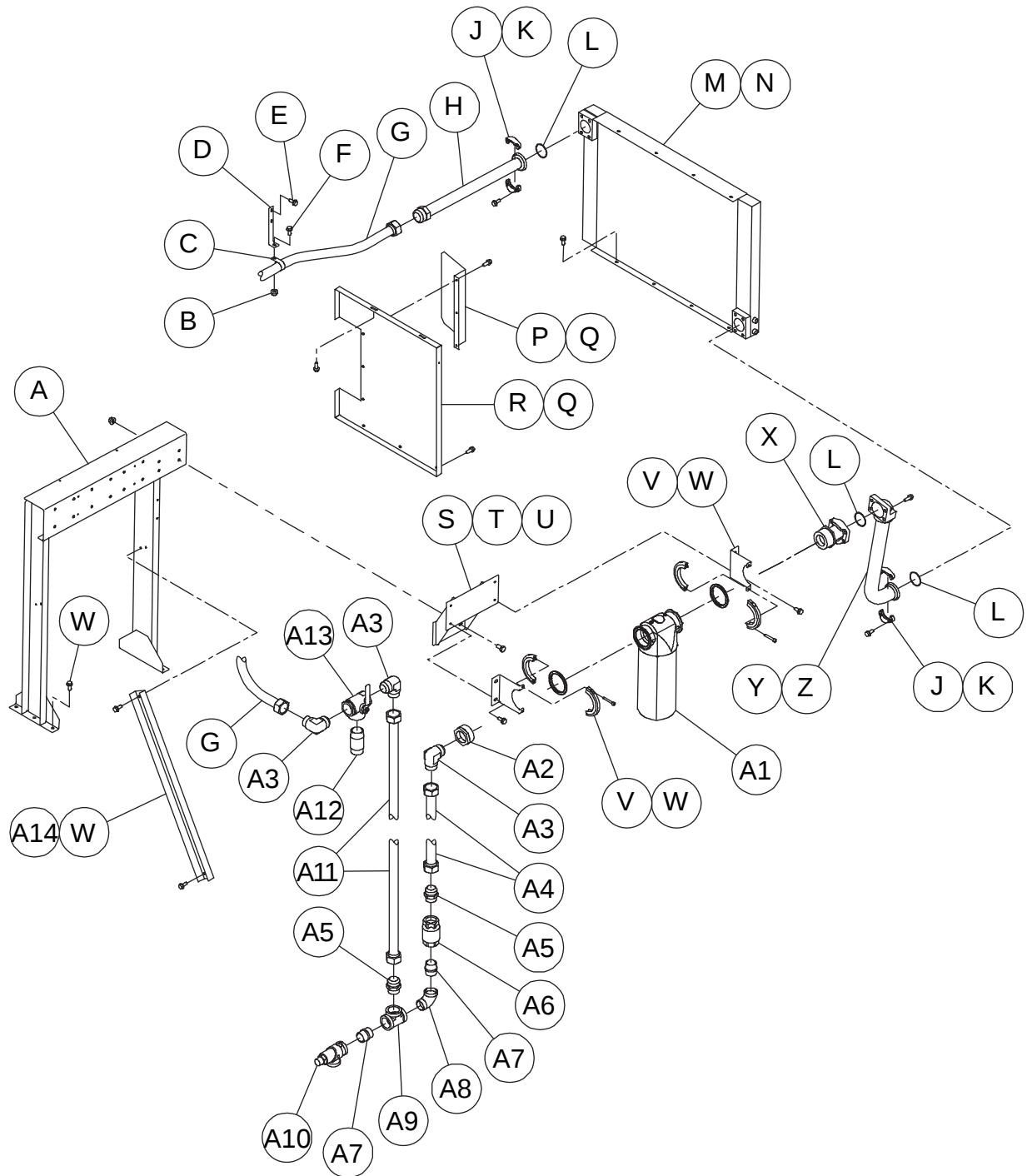


36518108 — OIL FILL DECAL



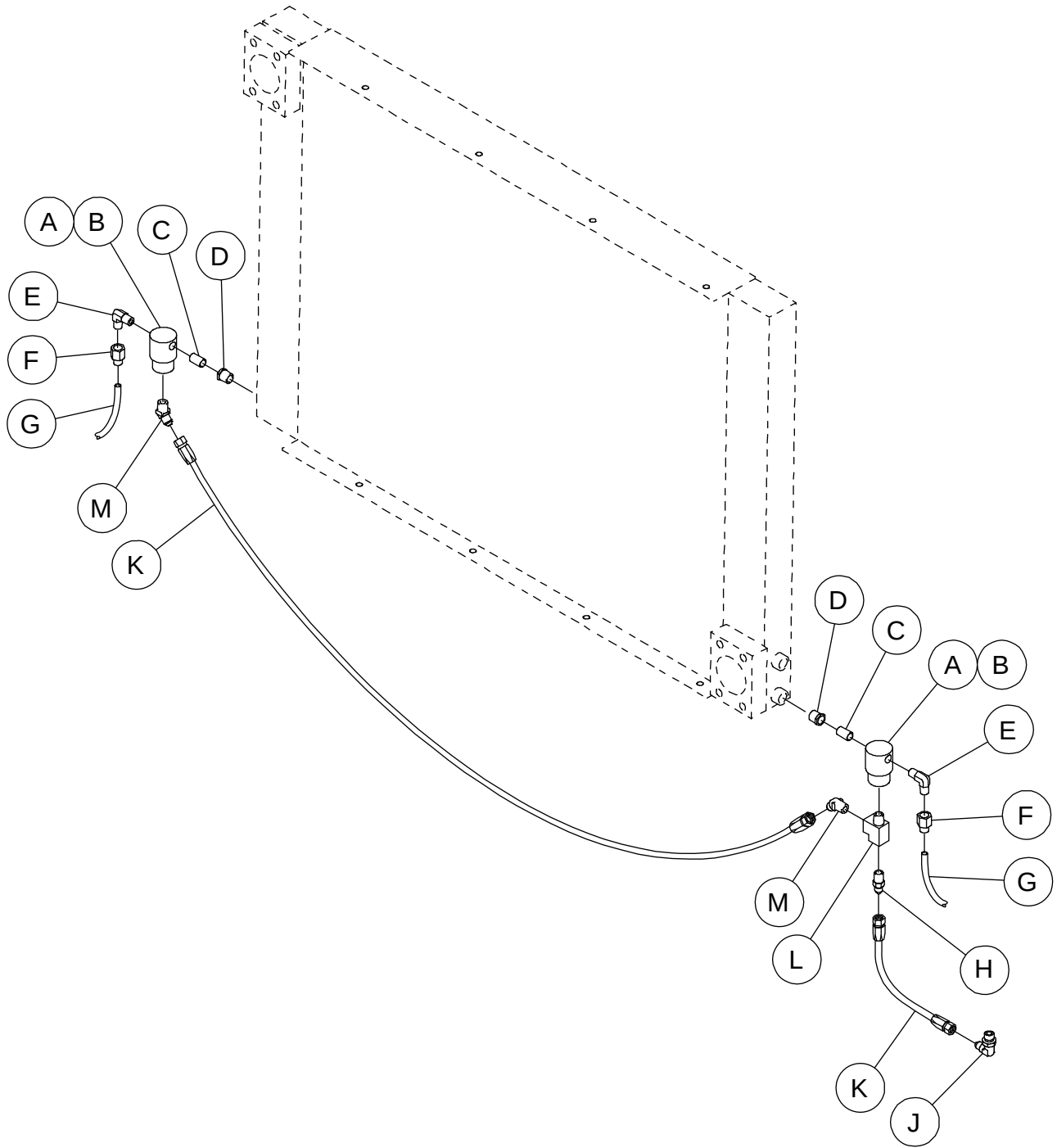
OPTION PARTS

Aftercooler and Water Separator



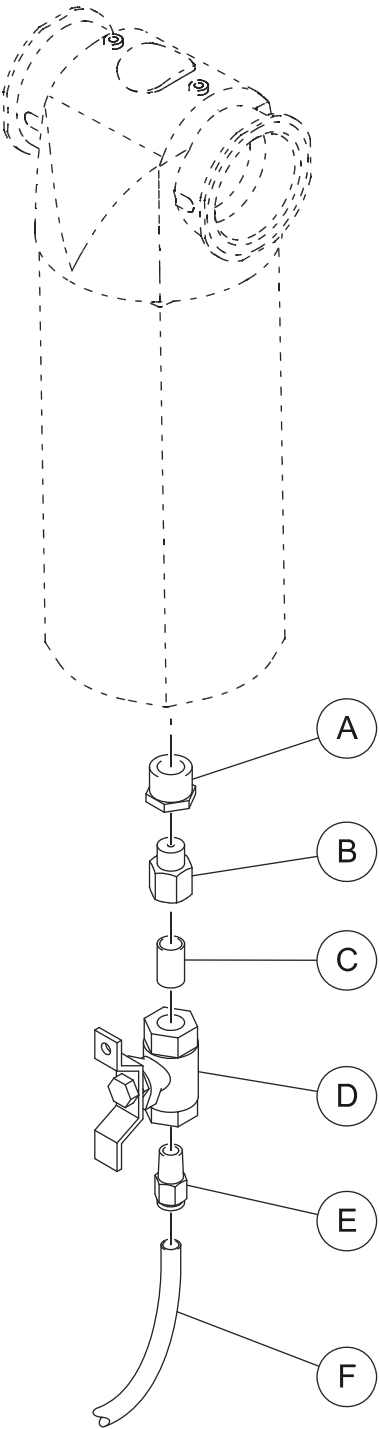
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36897528	Support, Filter	1	
B	36879195	Nut, M10	1	
C	35119718	Clamp, Support, 2.00	1	
D	36764736	Bracket, Support	1	
E	36797652	Screw, Tapping, M06 - 100 x 12	1	
F	96702279	Screw, Hex, M10 - 150 x 20	1	
G	35356443	Hose Assy, -32 x 58.00	1	
H	36895928	Tube, Aftercooler Inlet	1	
J	36866010	Flange, Split	4	
K	95920708	Screw, Hex, 500-13 x 150	8	
L	36866028	O-Ring	3	
M	36895498	Aftercooler	1	
N	92368687	Screw, Tapping, M6-100 x 14	4	
P	36896611	Baffle, Intake, Street Side	1	
Q	36797652	Screw, Tapping, M6-100 x 12	8	
R	36897882	Baffle, intake, Street Side	1	
S	23334063	Bracket, Water Separator	1	
T	96702279	Screw, Hex, M10-150 x 20	4	
U	36879195	Nut, M10	4	
V	23181605	Kit, Mounting w/Bracket	2	
W	35279025	Screw, Hex, M8-125 x 20	14	
X	36920908	Adapter, 3.00 NPT	1	
Y	36895910	Tube, Aftercooler Outlet	1	
Z	95940920	Screw, Hex, 500-13 x 500	4	
A1	23178924	Separator, Moisture	1	
A2	95037354	Bushing, Reducing, 3.00 x 2.00	1	
A3	36786127	Elbow, 90, 200 NPT x -32	3	
A4	35141423	Hose Assy, 32 x 64.50	1	
A5	35335124	Connector, male, -32 x 2.00 NPT	2	
A6	36920221	Valve, Check, Ball Cone, 2.00	1	
A7	95953790	Nipple, 2.00 x 2.50	2	
A8	95944674	Elbow, 90, NPT 200	1	
A9	95944682	Tee, NPT 200	1	
A10	36920130	Valve, Check, Minimum Pressure	1	
A11	36897502	Tube, Service Aftercooler	1	
A12	95953816	Nipple, 2.00 x 4.50	1	
A13	36856045	Valve, 3-Way	1	
A14	36897536	Brace, Filter Support	1	

Drains - Aftercooler



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35322379	Valve, Blowdown	2	
B	35379064	Kit, Diaphragm Repair	-	
C	95667341	Nipple, Closed, NPT 0.25 x 0.88	2	
D	95929998	Bushing, Reducing, NPT 0.38 x 0.25	2	
E	35369354	Elbow, Male, NPT 0.25 x 0.38	2	
F	35322346	Connector, Female, 0.156 Orifice	2	
G	35356484	Tube, Drain, 32.00	2	
H	35283472	Connector, 0.25 NPT x -4 JIC	1	
J	95365094	Elbow, 90, .5625 x -4 JIC	1	
K	35283498	Hose Assy, 4 JIC	2	
L	35114545	Tee, Street	1	
M	35321223	Elbow, 45, 0.25 NPT x -4 JIC	2	

Drain - Water Separator



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95245361	Bushing, Reducing, NPT .38 x .25	1	
B	35248319	Orifice, .094	1	
C	95667341	Nipple, Closed, NPT .25 x .88	1	
D	35324839	Valve, Ball, NPT .25	1	
E	35369347	Connector, Male, NPT .25 x .38	1	
F	35356484	Tube, Drain, 48.00	1	

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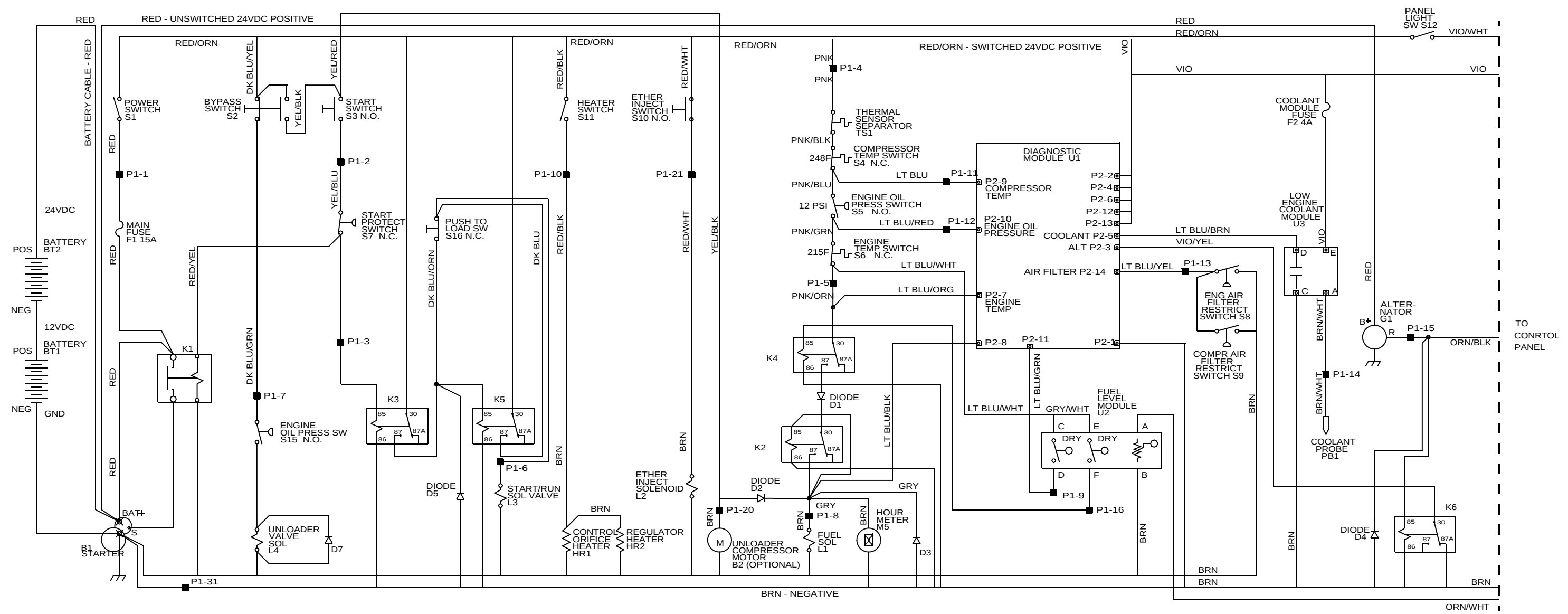
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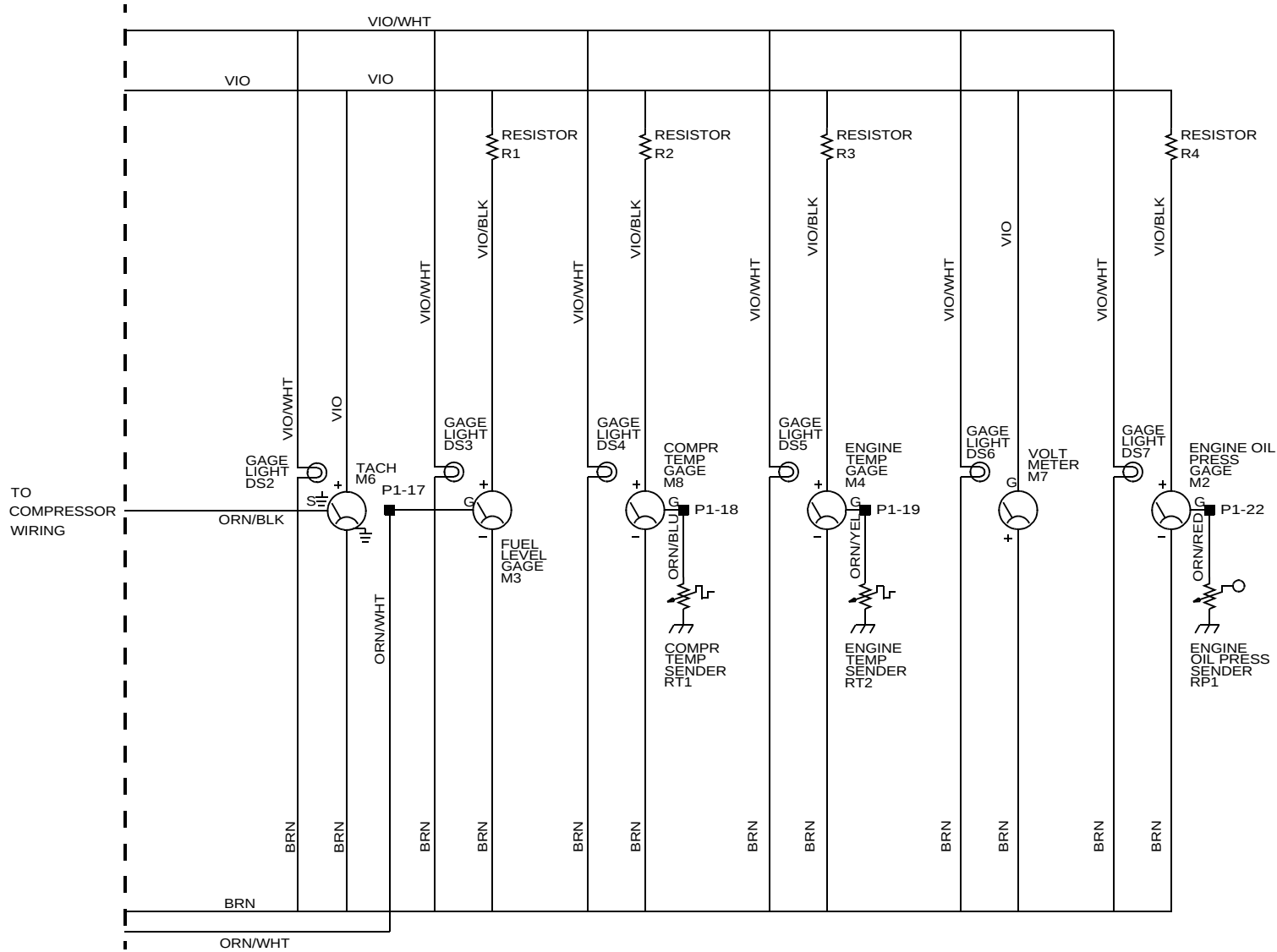


WIRING DIAGRAMS

Compressor Wiring Schematic



Control Panel Wiring Schematic



WIRING PARTS LIST

ITEM	COMM. NO.	DESCRIPTION	ITEM	COMM. NO.	DESCRIPTION	ITEM	COMM. NO.	DESCRIPTION
B1	Cummins Part	Starter	PB1	35356799	Probe, Low Water			
B2	36850691	Motor, Start Compressor	R1	~	Resistor			
BT1	36793545	Battery, 12VDC	R2	~	Resistor			
BT2	36793545	Battery, 12VDC	R3	~	Resistor			
D1	35376169	Diode	R4	~	Resistor			
D2	35376169	Diode	RP1	36870608	Sender, Pressure			
D3	35376169	Diode	RT1	35367218	Sensor, Temperature 0°-300° F			
D4	35376169	Diode	RT2	35604180	Sensor, Temperature 0°-300° F			
D5	35376169	Diode	S1	35337435	Switch, Ignition			
D7	35376169	Diode	S2	35255561	Switch, Bypass			
DS2	36842128	Lamp, Panel	S3	35255553	Switch, Start			
DS3	36842128	Lamp, Panel	S4	36865756	Switch, Temperature (Airend)			
DS4	36842128	Lamp, Panel	S5	36878379	Switch, Pressure 12PSI			
DS5	36842128	Lamp, Panel	S6	35371673	Switch, Temperature 215° F			
DS6	36842128	Lamp, Panel	S7	36757573	Switch, Pressure 20PSI			
DS7	36842128	Lamp, Panel	S8	36847838	Switch, Vacuum			
F1		Fuse, 15 A	S9	36847838	Switch, Vacuum			
F2		Fuse, 4 A	S10	35255553	Switch, Ether			
G1	Cummins Part	Alternator	S11	36847838	Switch, Heater			
HR1	36841526	Heater, Hex Orifice 24VDC	S12	35337435	Switch, Panel			
HR2	36854677	Heater, Regulator 24VDC	S15	36843423	Switch, Pressure 25PSI			
K1	35577873	Relay, 24V Mag Switch	S16	35255561	Switch, Service Air			
K2	36892362	Relay	TS1	36865756	Switch, Temperature 248° F			
K3	36892362	Relay	U1	36771434	Module, Diagnostic			
K4	36892362	Relay	U2	36893949	Sender, Fuel Level			
K5	36892362	Relay	U3	36892370	Module, Coolant Level			
K6	36878361	Relay						
L1	Cummins Part	Valve, Solenoid (Fuel)	~	36899359	Harness, Chassis			
L2	35357961	Valve, Solenoid (Ether)	~	36891455	Harness, Control Panel			
L3	36840841	Valve, Solenoid (Start/Run)						
L4	36881944	Valve, Solenoid (Unloader)						
M2	36870590	Gauge, Pressure (Engine Oil)						
M3	35604099	Gauge, Fuel						
M4	35604115	Gauge, Temperature 0°-300° F (Engine Coolant)						
M5	36841245	Hourmeter						
M6	35372416	Tachometer						
M7	36841153	Voltmeter						
M8	35604115	Gauge, Temperature (Dischg Air)						

Revision History

[illegible]



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