



PARTS MANUAL

COMPRESSOR MODEL

XHP1070WCAT

Code: B

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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 Ingersoll-Rand Company parts for your machine.

NOTICE

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.

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.

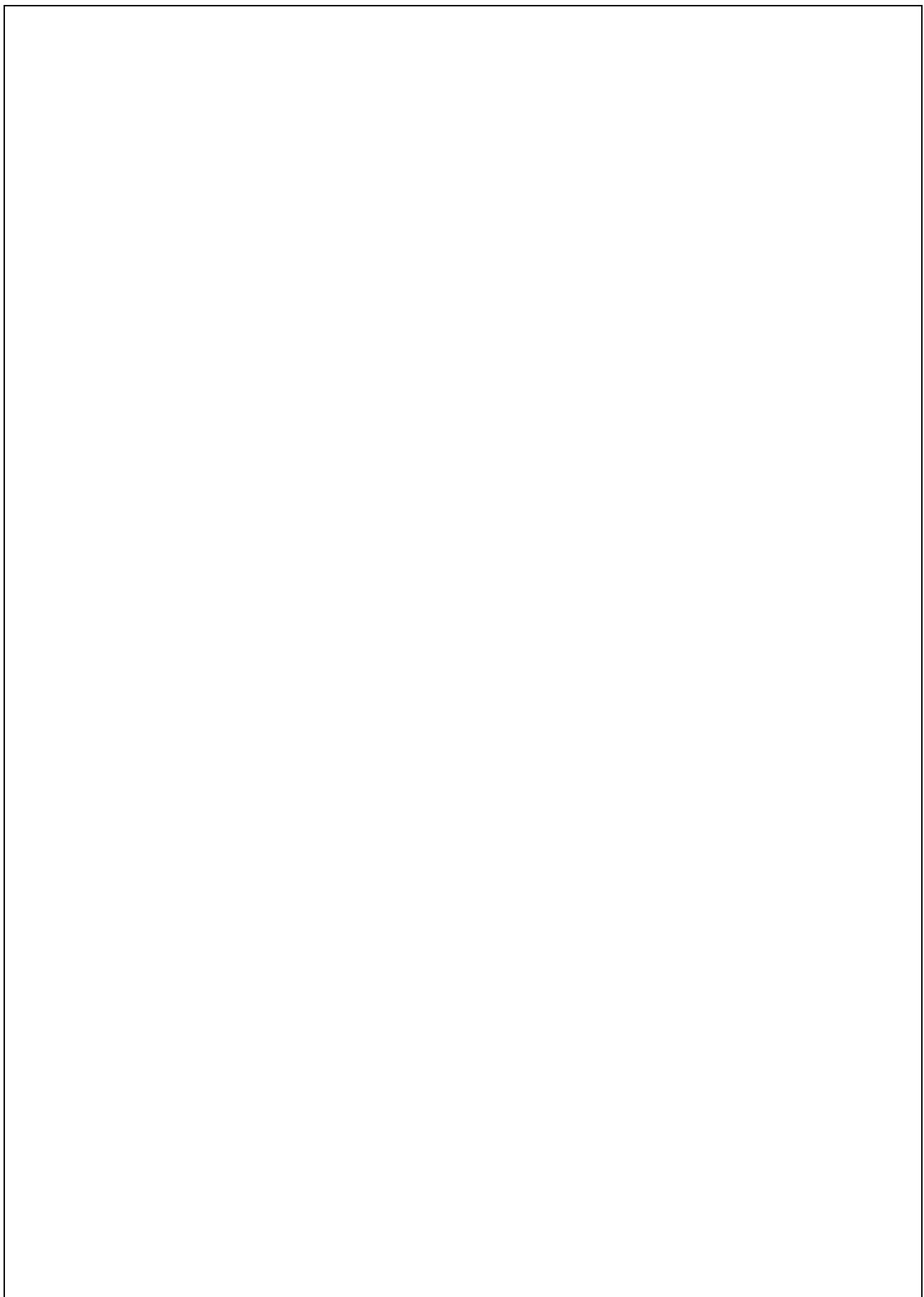
How to Order

Always specify the model and serial number of the unit.

Specify the part number and description.

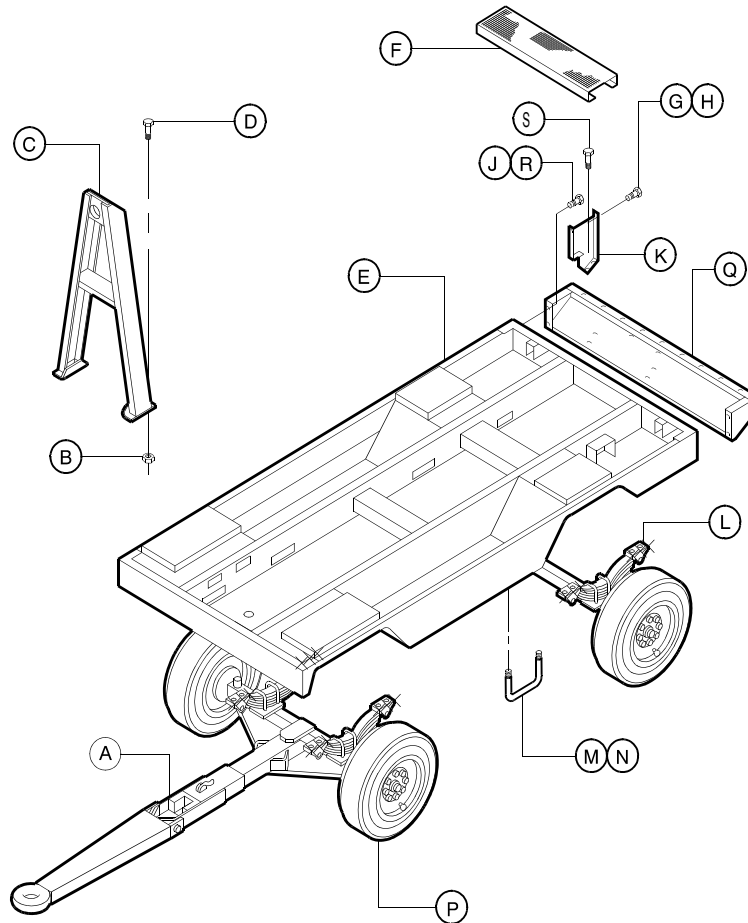
Abbreviations used:

1. N.B = If needed.
2. M = Please indicate length when ordering.



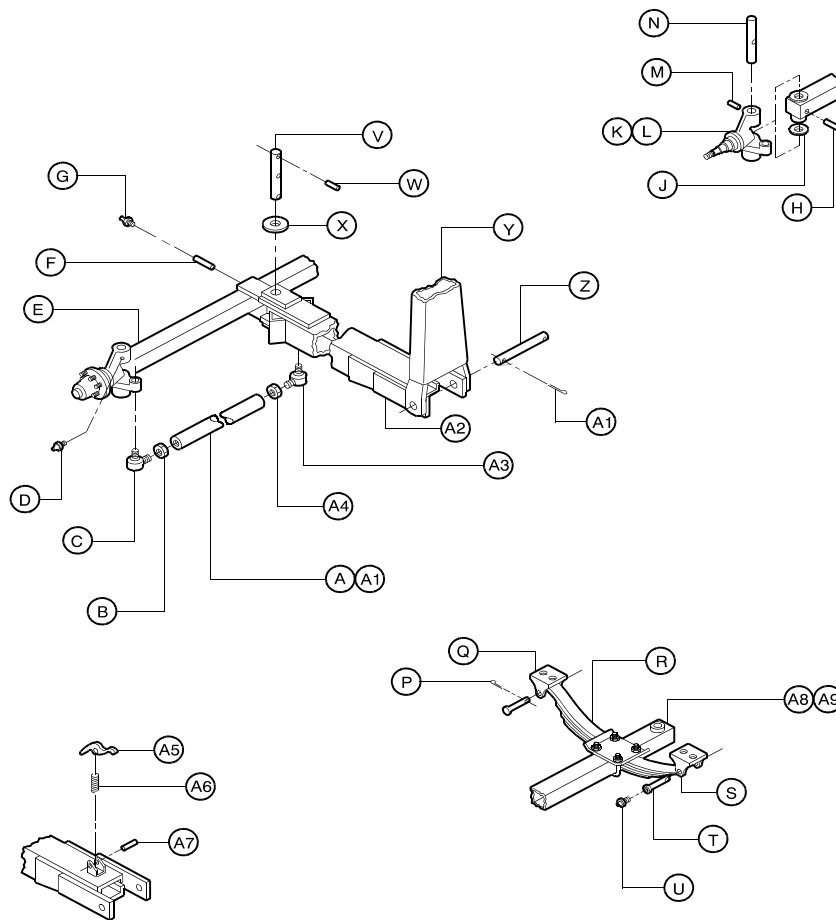
Section A - Parts List

Wagon Wheel Frame Assembly
Wagon Wheel Frame Assembly



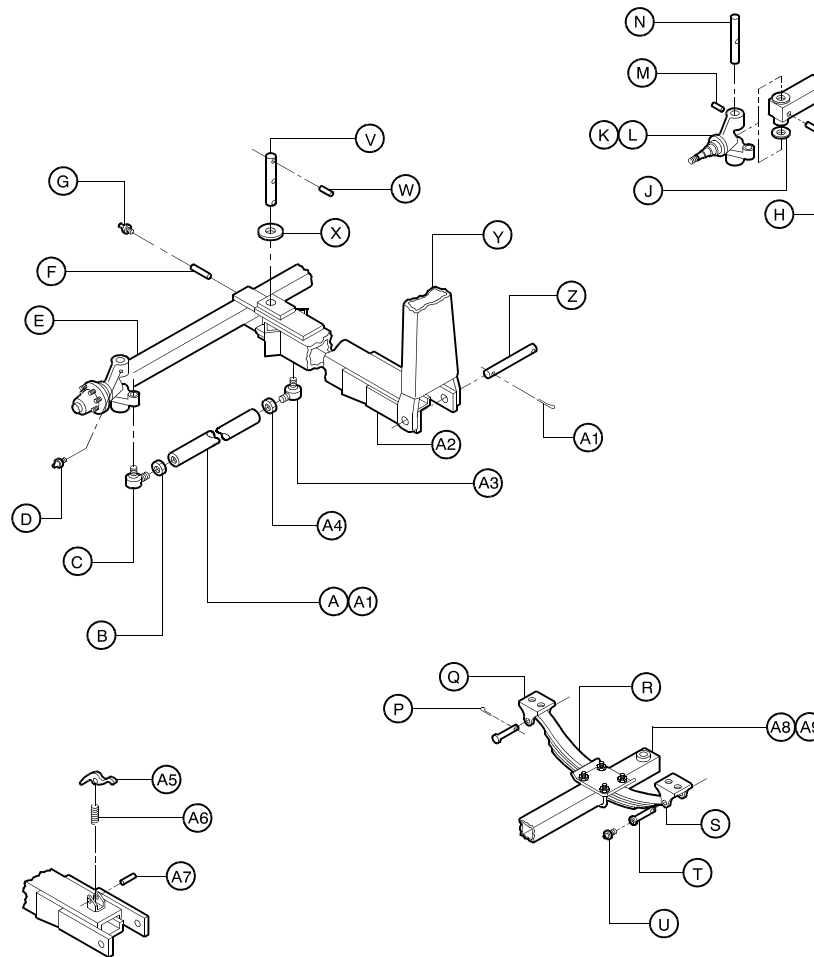
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36851376	Front Axle Assembly	1	
B	95922928	Nut	6	
C	36754620	Bail, Lifting	1	
D	95934378	Screw	6	
E	36884542	Frame	1	
F	35864809	Step Grip	1	
G	36880995	Screw	8	
H	36879195	Nut	4	
J	95934659	Screw	4	
K	36757839	Support, Step	2	
L	22514368	Rear Axle Assembly	1	
M	35304666	Step	3	
N	95922910	Nut	12	
P	36073922	Tire and Wheel Assembly	1	
	22077515	Wheel	4	
	36877991	Tire	4	
	36878049	Ring, Clamp	4	
Q	36865491	Extension, Frame	1	
R	95922902	Nut	4	
S	35134550	Screw	4	

Wagon Wheel Running Gear
Wagon Wheel Running Gear



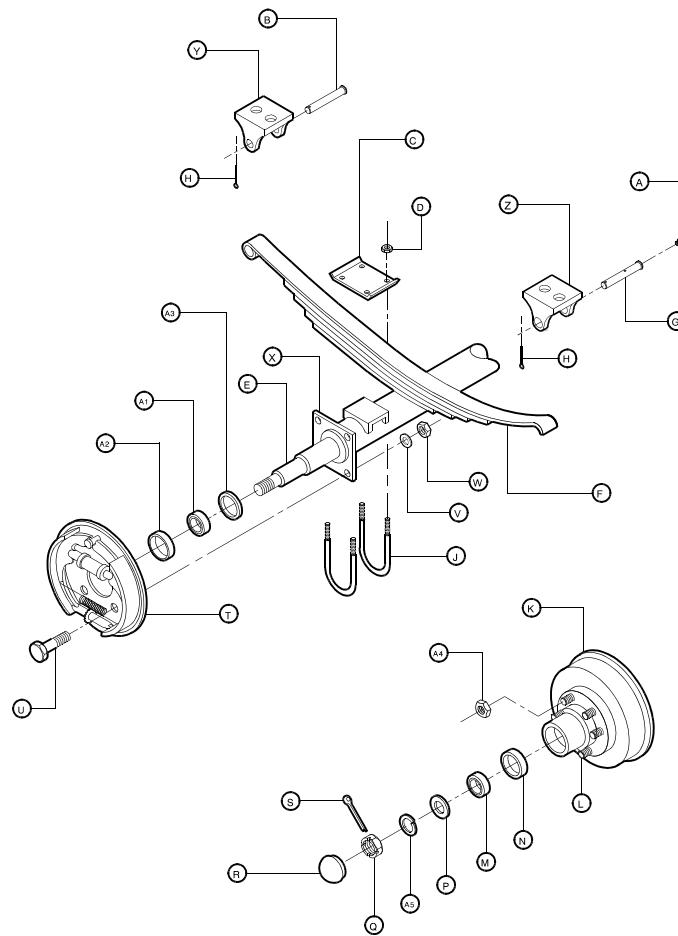
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36504389	Rod, Tie	2	Continued.....
B	36140730	Nut, Jam	2	
C	35588961	Ball Joint, Outer	2	
D	35221894	Fitting, Lube	2	
E	36753259	Axle, Front	1	
F	95717369	Pin, Roll	1	
G	35221894	Fitting, Lube	1	
H	95338554	Pin, Roll	2	
J	95934964	Washer	4	
K	36851566	L.H. Knuckle Assembly	1	
L	36851574	R.H. Knuckle Assembly	1	
M	95673042	Pin, Roll	2	
N	35319045	Pin, King	2	
P	95018982	Pin, Cotter	2	
Q	36719169	Bracket	2	
R	36719466	Spring	2	
S	36719177	Bracket	2	
T	35111590	Bolt, Shackle	2	

Wagon Wheel Running Gear
Wagon Wheel Running Gear



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
U	95318556	Fitting, Lube	2	
V	35588755	Pin, Center	1	
W	95717377	Pin, Roll	2	
X	95934956	Washer	2	
Y	36719557	Drawbar	1	
Z	35107168	Pin, Hinge	1	
A1	95201455	Pin, Cotter	2	
A2	36753242	Arm, Center	1	
A3	35588953	Balljoint, Inner	2	
A4	35140722	Nut, Jam	2	
A5	36719219	Latch	1	
A6	35141167	Spring	1	
A7	95098703	Pin, Roll	2	
A8	22131502	Front Axle Assembly	1	
A9	22514368	Rear Axle Assembly	1	
B1	36853042	Tie Rod Assembly (Includes A, B, C, A3, A4)	2	

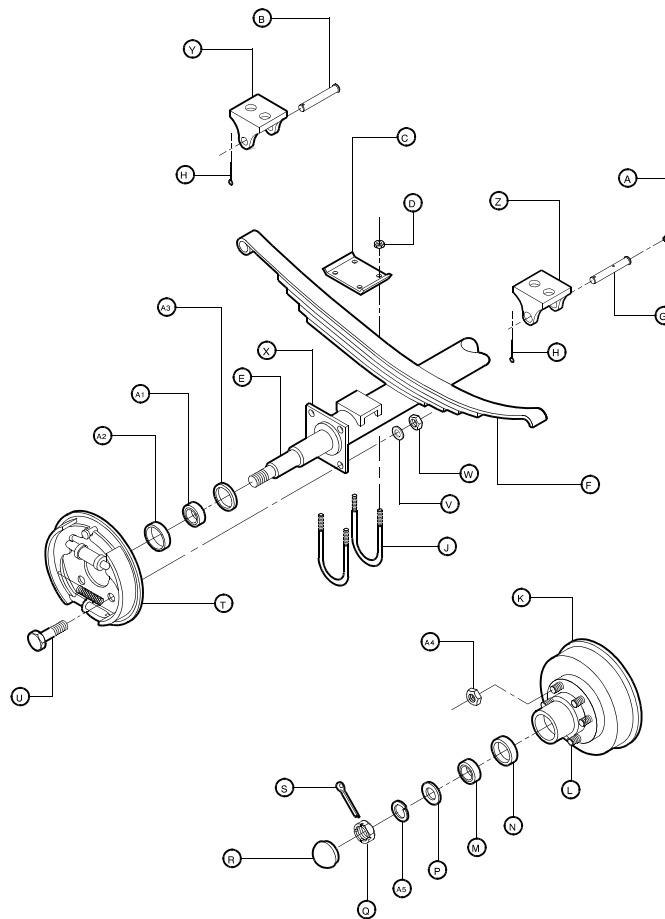
Wagon Wheel Running Gear
Wagon Wheel Running Gear



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95318556	Fitting, Lube	2	
B	35588839	Rivet	2	
C	35589241	Plate, Front Clamp	2	
	22511174	Plate, Rear Clamp	2	
D	35111566	Nut, Front	8	
	22513220	Nut, Rear	8	
E	22506273	Axle, Rear	1	
F	36719466	Spring	2	
G	35111590	Bolt, Shackle	2	
H	95018982	Pin, Cotter	2	
J	35834621	U-Bolt, Front	4	
	36853059	U-Bolt, Rear	4	
K	36853059	Hub Assembly (Includes Items N, L, A2)	2	
L	36851673	Stud	8	
M	36851590	Outer Bearing	2	
N	36851616	Outer Race	2	
P	36853109	Washer, Flat	2	
Q	36776821	Nut	2	

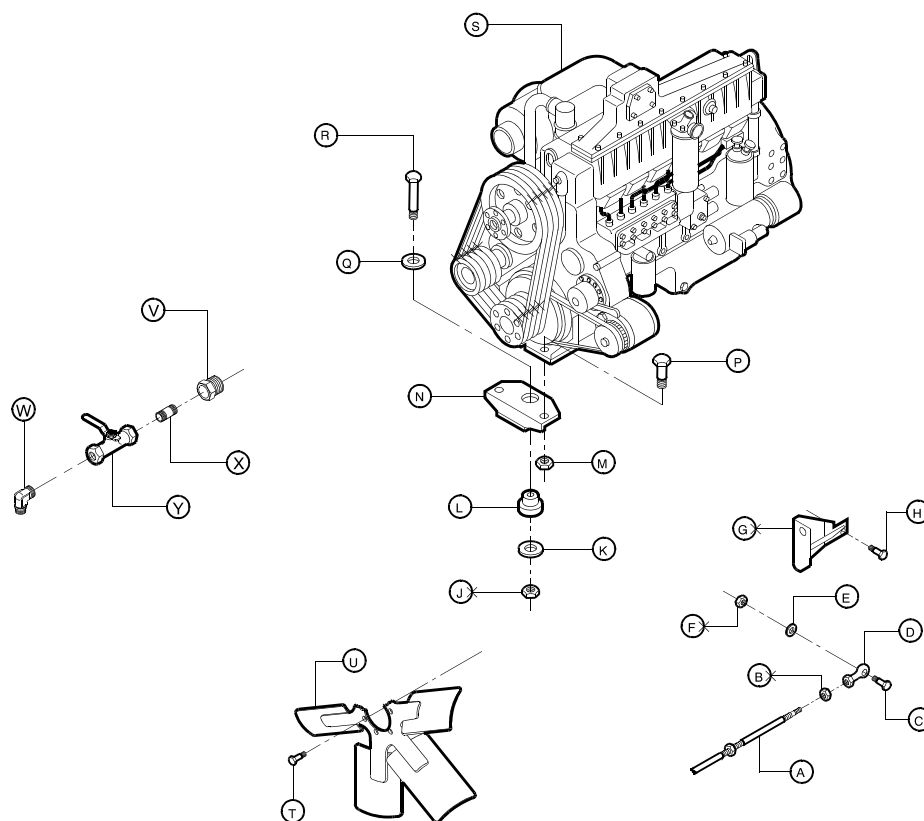
Wagon Wheel Running Gear
Wagon Wheel Running Gear



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
R	36776813	Cap, Grease	4	 Continued
S	95272902	Pin, Cotter	4	
T	36781920	Parking Brake Assembly	1	
U	35A2D326Z1	Bolt	8	
V	95934741	Washer	8	
W	95916573	Nut	8	
X	36776839	Flange, Brake Mounting	2	
Y	36719177	Bracket	2	
Z	36719169	Bracket	2	
A1	36851608	Inner Bearing	2	
A2	36851624	Inner Race	2	
A3	36851632	Seal	2	
A4	36880276	Nut, Cone	8	
A5	36853117	Washer, Lock	2	

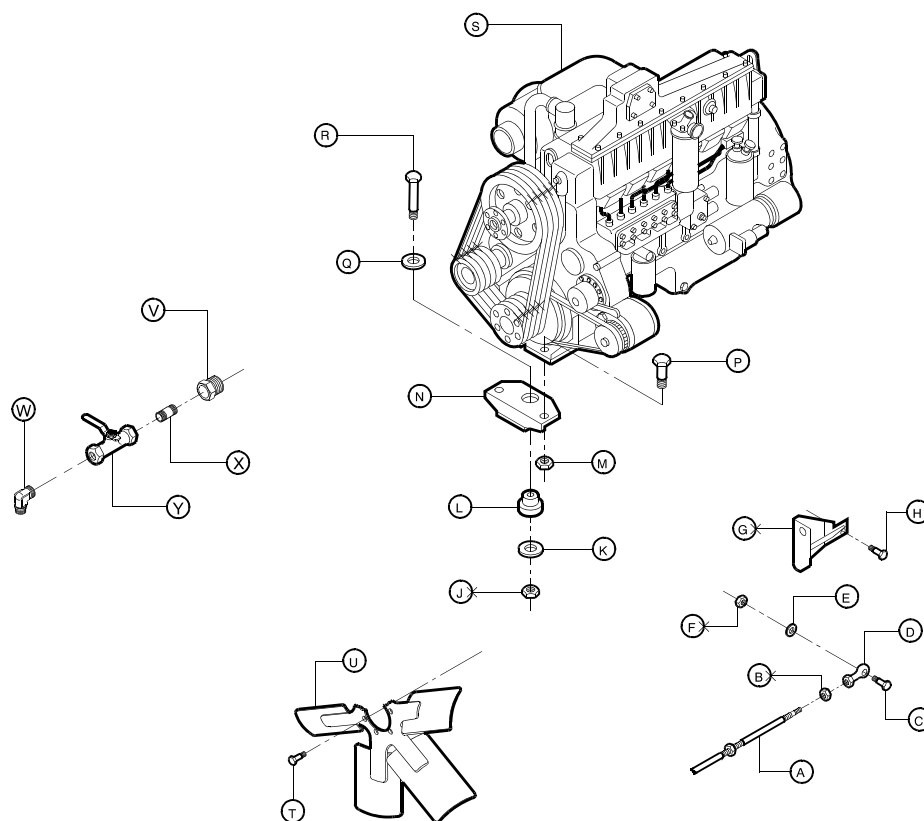
Engine Assembly

Engine Assembly



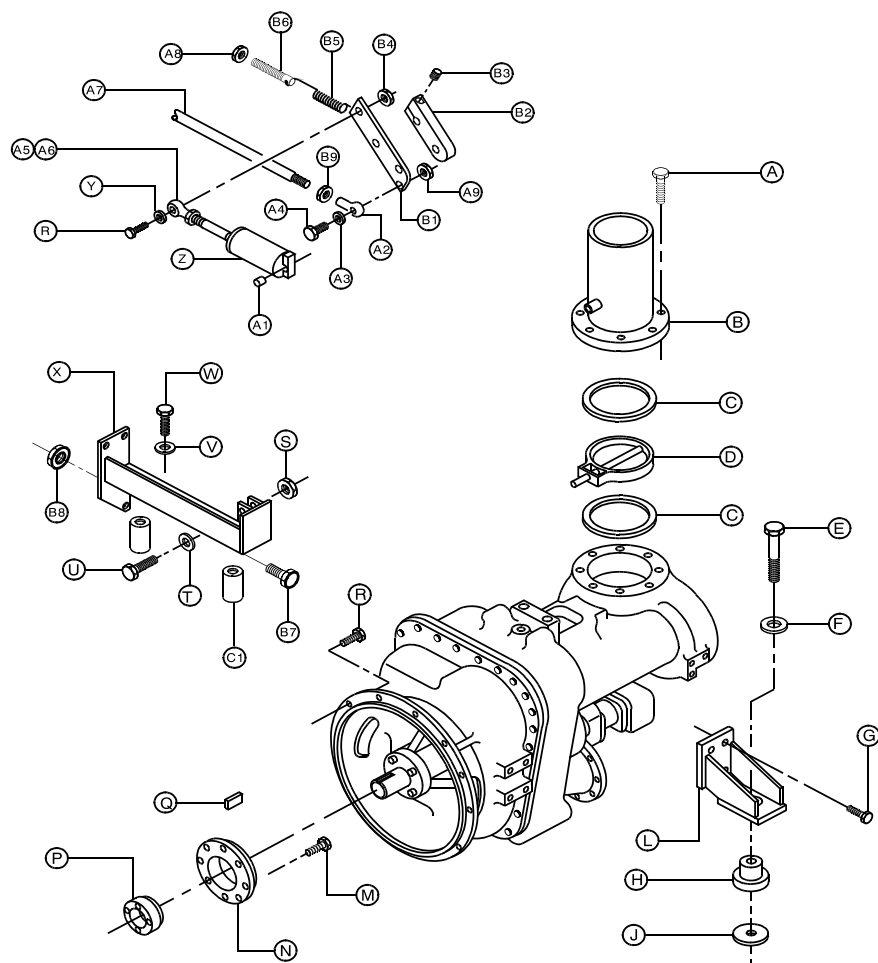
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35279579	Cable, Control	1	
B	95923058	Nut, Jam	1	
C	95934816	Screw	1	
D	35218106	Bearing	1	
E	95935029	Washer	1	
F	95923298	Nut	1	
G	36771392	Bracket	1	
H	35144336	Screw	2	
J	95923363	Nut	1	
K	35101476	Washer	1	
L	35306133	Mount, Rubber	1	
M	95922928	Nut	2	
N	43209139	Bracket	1	
P	95934378	Screw	2	
Q	35273937	Washer	1	
R	95934253	Screw	1	
S	22969455	Engine	1	
T	95920708	Screw	6	
U	36884047	Fan	1	
V	95944617	Bushing	1	Continued.....

Engine Assembly
Engine Assembly



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
W	95928172	Elbow	1	Continued
X	95928040	Nipple	1	
Y	36777399	Valve, Ball	1	
	35362243	Engine Fuel Filter	1	
	35362235	Engine Oil Filter	1	
	35362268	Engine Water Separator Filter	1	
	35362250	Primary Fuel Filter	1	

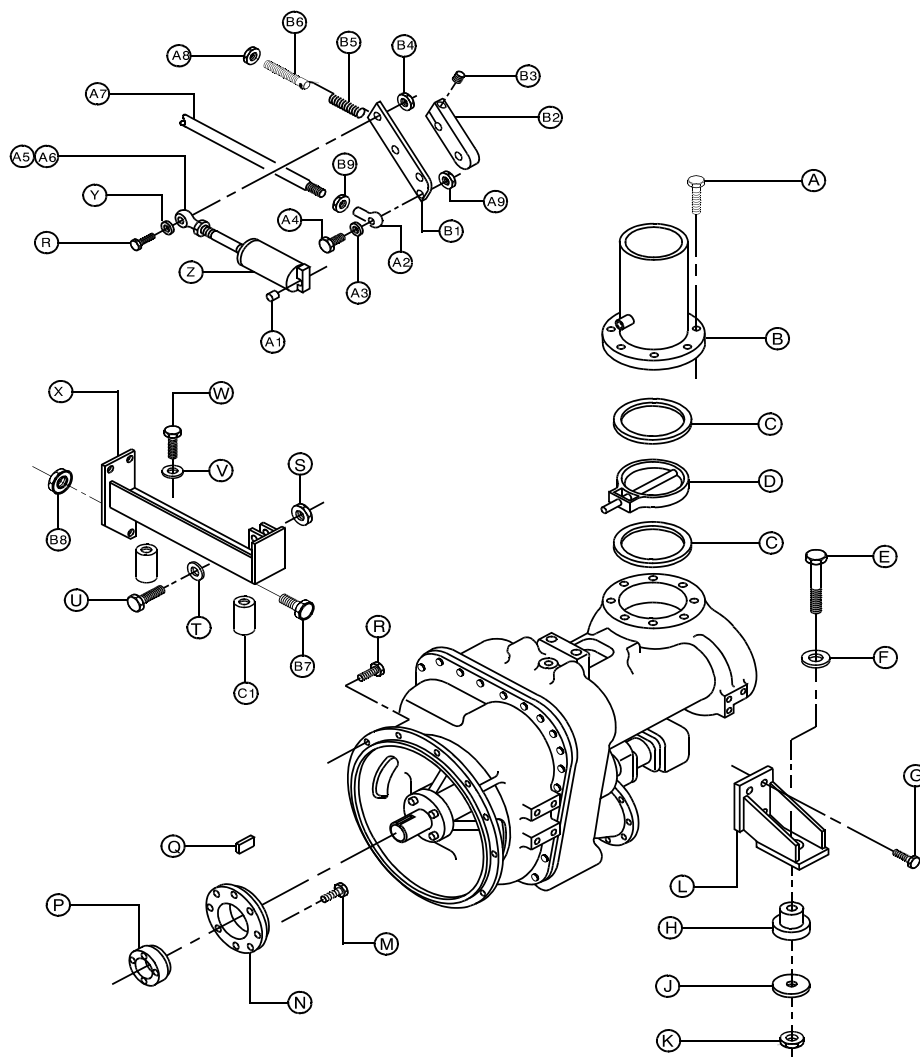
HR2.5 Air End Complete HR2.5 Air End Complete



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35375963	Screw	8	
B	36884997	Flange, Intake	1	
C	36754059	Gasket	2	
D	36884112	Valve, Butterfly	1	
E	95934253	Screw	2	
F	35273937	Washer, Snubber	2	
G	35375856	Screw	8	
H	35306133	Mount, Rubber	2	
J	35101476	Washer, Snubber	2	
K	95923363	Washer	2	
L	36766988	Bracket, Mounting	2	
M	95941092	Screw	8	
N	36783710	Coupling	1	
P	36897916	Bushing	1	
Q	36795102	Key	1	
R	95934626	Screw	13	
S	95923314	Nut	1	
T	95934998	Washer, Flat	1	
U	35288893	Pivot, Lever	1	

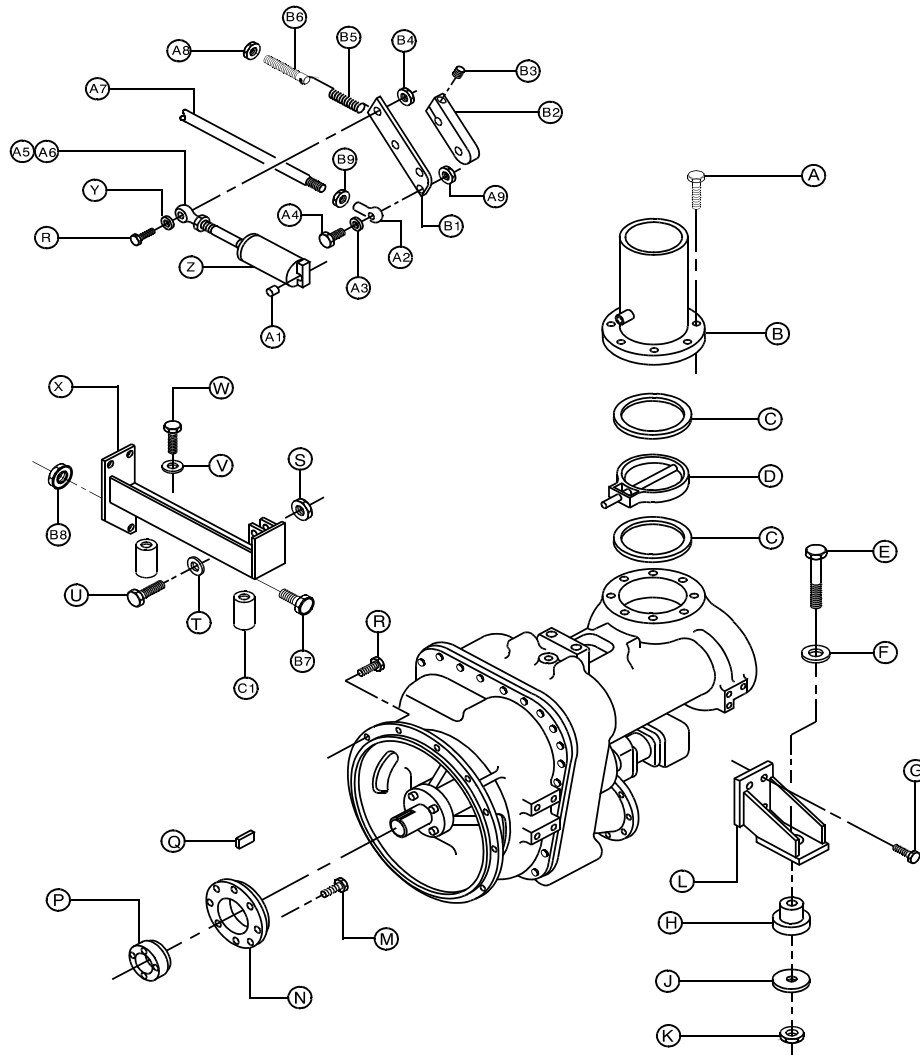
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HR2.5 Air End Complete



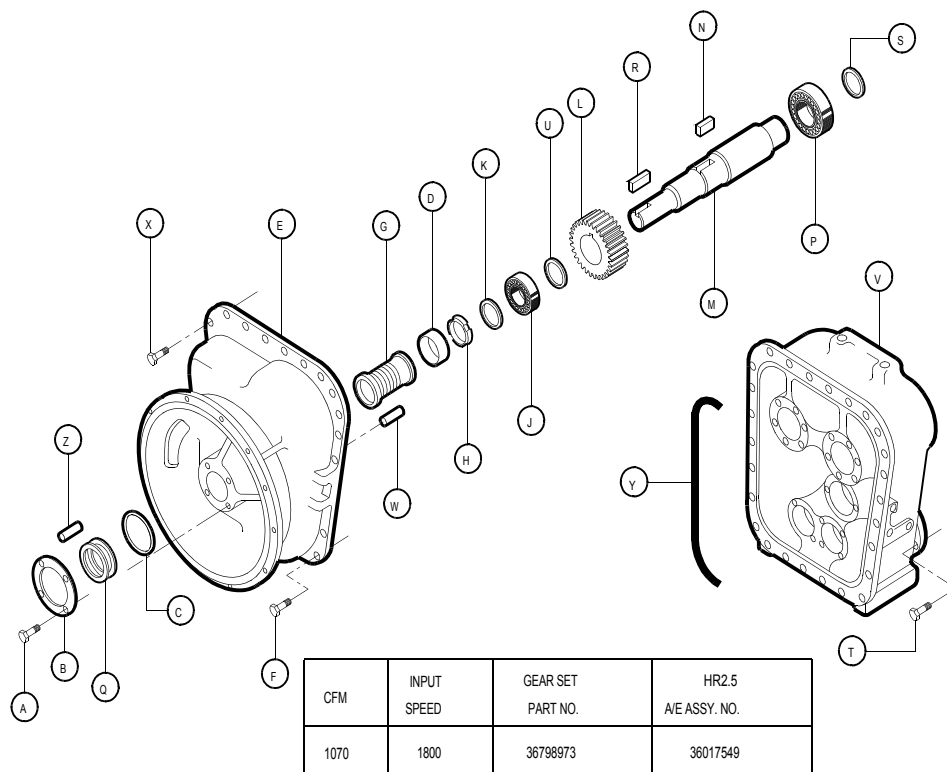
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
V	95935011	Washer, Flat	2	Continued
W	35375963	Screw	2	
X	36898005	Bracket, Air Cylinder	1	
Y	95935037	Washer, Flat	1	
Z	35584689	Cylinder, Air	1	
A1	35288885	Bushing	1	
A2	35218106	Bearing, Rod End	1	
A3	95935029	Washer, Flat	1	
A4	95934782	Screw	1	
A5	35300532	Bearing, Rod End	1	
A6	95926028	Nut	1	
A7	35279579	Cable, Control	1	

HR2.5 Air End Complete



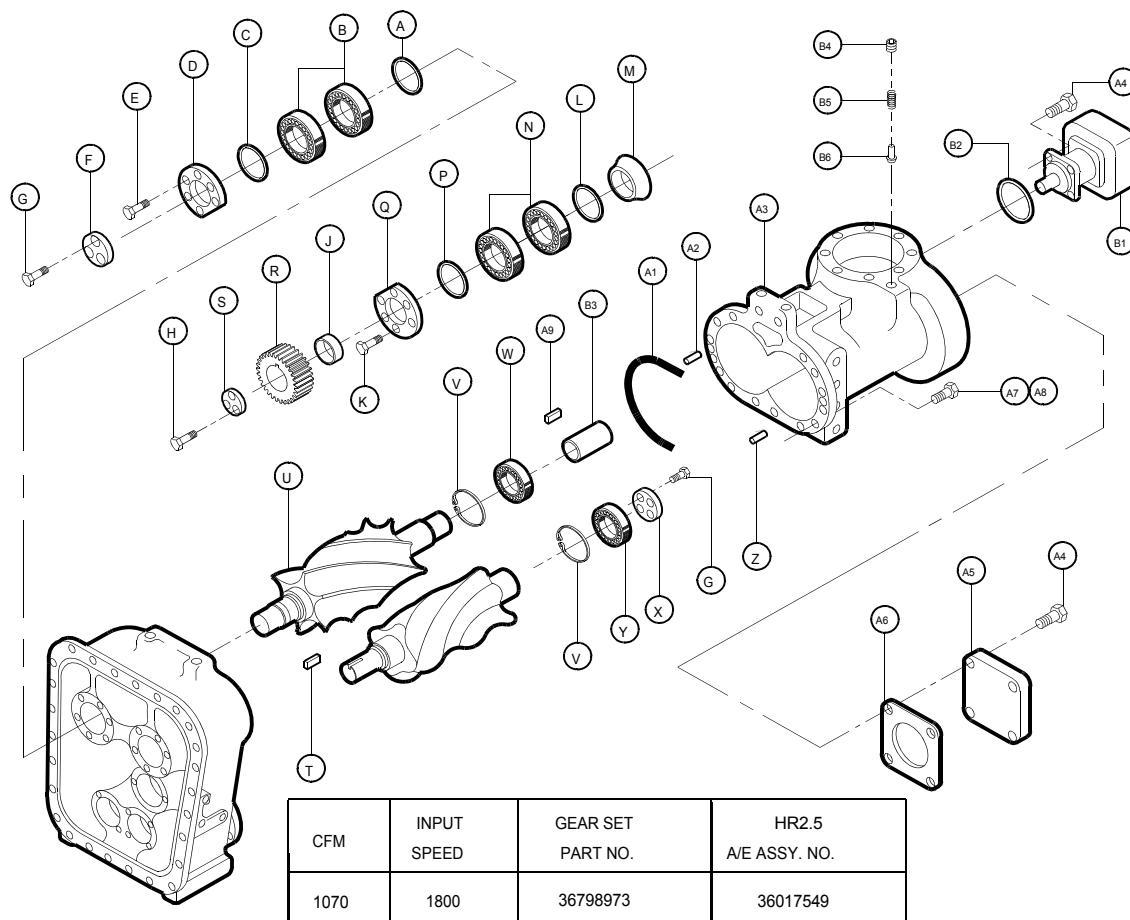
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A8	35145077	Nut	2	 Continued
A9	95923298	Nut	1	
B1	35607910	Lever, Regulation	1	
B2	35264951	Lever, Control	1	
B3	95500369	Screw, Set	1	
B4	95923330	Nut	1	
B5	36876258	Spring	1	
B6	35605799	Rod, Adjuster	1	
B7	35611680	Bolt	1	
B8	95922894	Nut, Jam	1	
B9	95923058	Nut, Jam	1	
C1	36898450	Spacer	2	

HR2.5 Air End Assembly
HR2.5 Air End Assembly



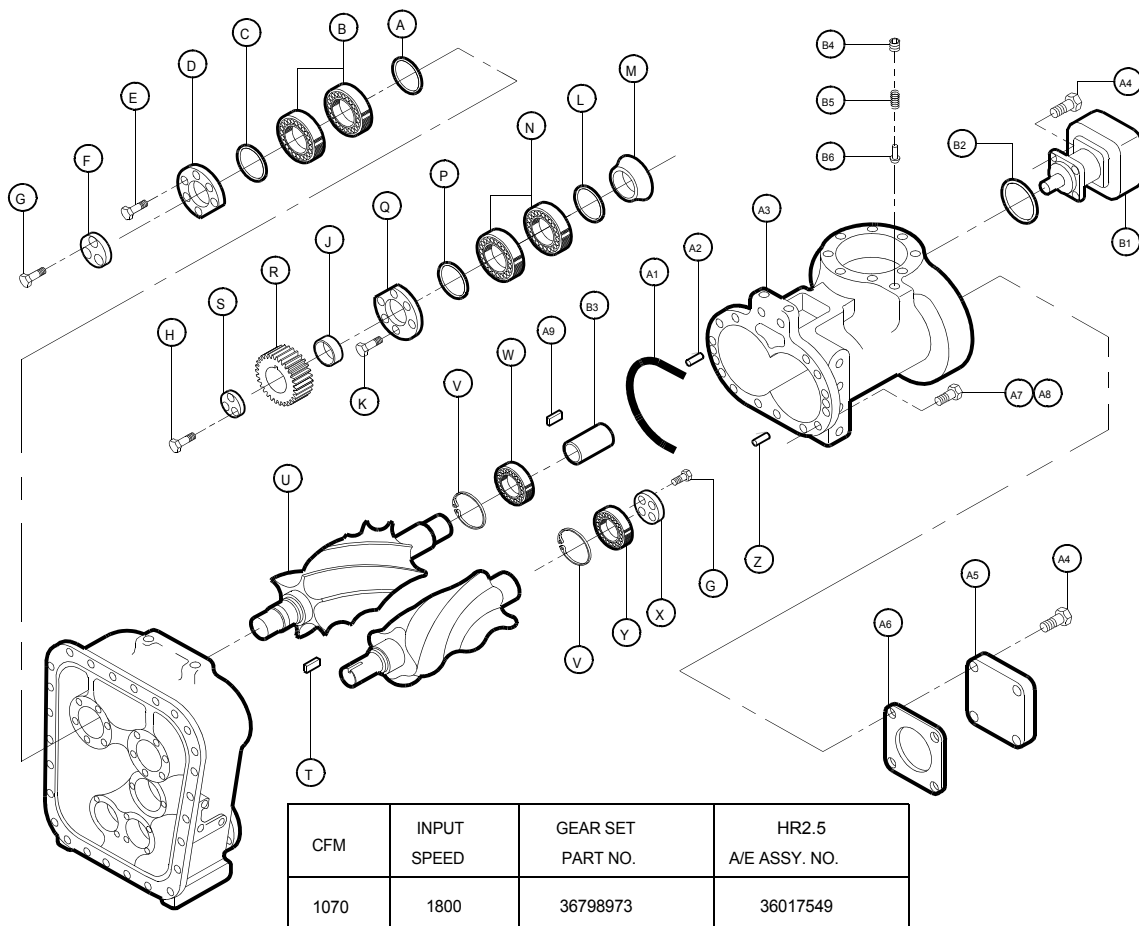
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	96702295	Bolt	4	
B	39577648	Cover, Oil Seal	1	
C	35355536	O-Ring	1	
D	36795128	Spacer	1	
E	36793750	Case, Gear	1	
F	96706262	Bolt	-	
G	39929351	Seal, Oil	1	
H	36795169	Nut, Lock	1	
J	36511640	Bearing	1	
K	36795136	Spacer	1	
L		See Gear Set Chart	-	
M	36792836	Shaft, Drive	1	
N	36795110	Key	1	
P	35610203	Bearing	1	
Q	36795151	Shim Set	1	
R	36795102	Key	1	
S	35372010	Spacer	1	
T	35272533	Screw	16	
U	36795144	Spacer	1	
V	36861367	Housing, Main	1	
W	35336122	Dowel	1	
X	35272541	Bolt	-	
Y	35355775	O-Ring	1	
Z	95650529	Pin, Roll	1	

HR2.5 Air End Assembly HR2.5 Air End Assembly



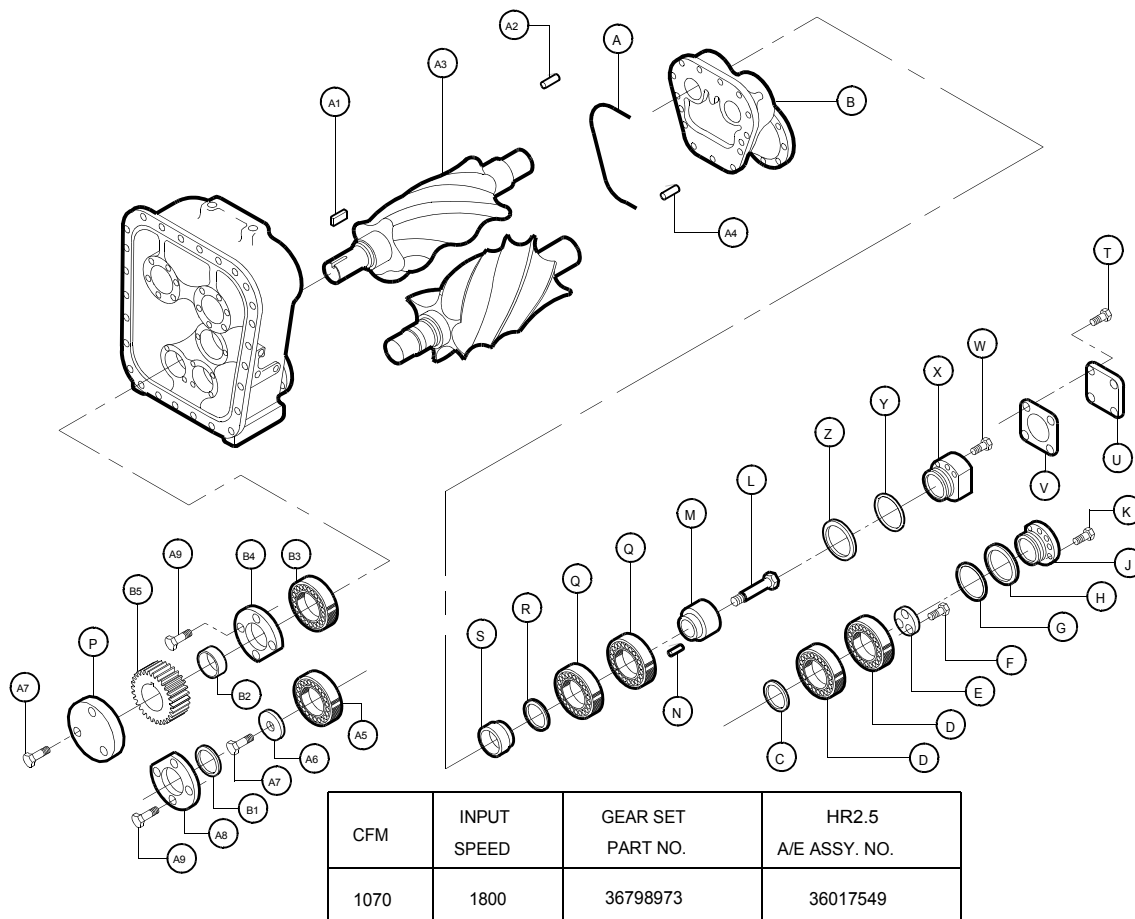
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35355833	Set, Shim	1	Continued.....
B	35600105	Bearing	2	
C	35355767	Set, Shim	1	
D	35856418	Plate, Retaining	1	
E	96716139	Screw	6	
F	36508414	Plate, Retaining	1	
G	35311463	Screw	3	
H	96712187	Screw	3	
J	35355841	Spacer	1	
K	96701487	Screw	6	
L	35355825	Set, Shim	1	
M	35602457	Piston, Thrust	1	
N	35605203	Bearing	2	
P	35355767	Set, Shim	1	
Q	36501013	Plate Retainer	1	
R		See Gear Set Chart		
S	35355858	Clamp, Plate	1	
T	35355817	Key	1	
U	36017465	Set, Rotor (1st Stage)	1	
V	95223178	Snap Ring	1	

HR2.5 Air End Assembly HR2.5 Air End Assembly



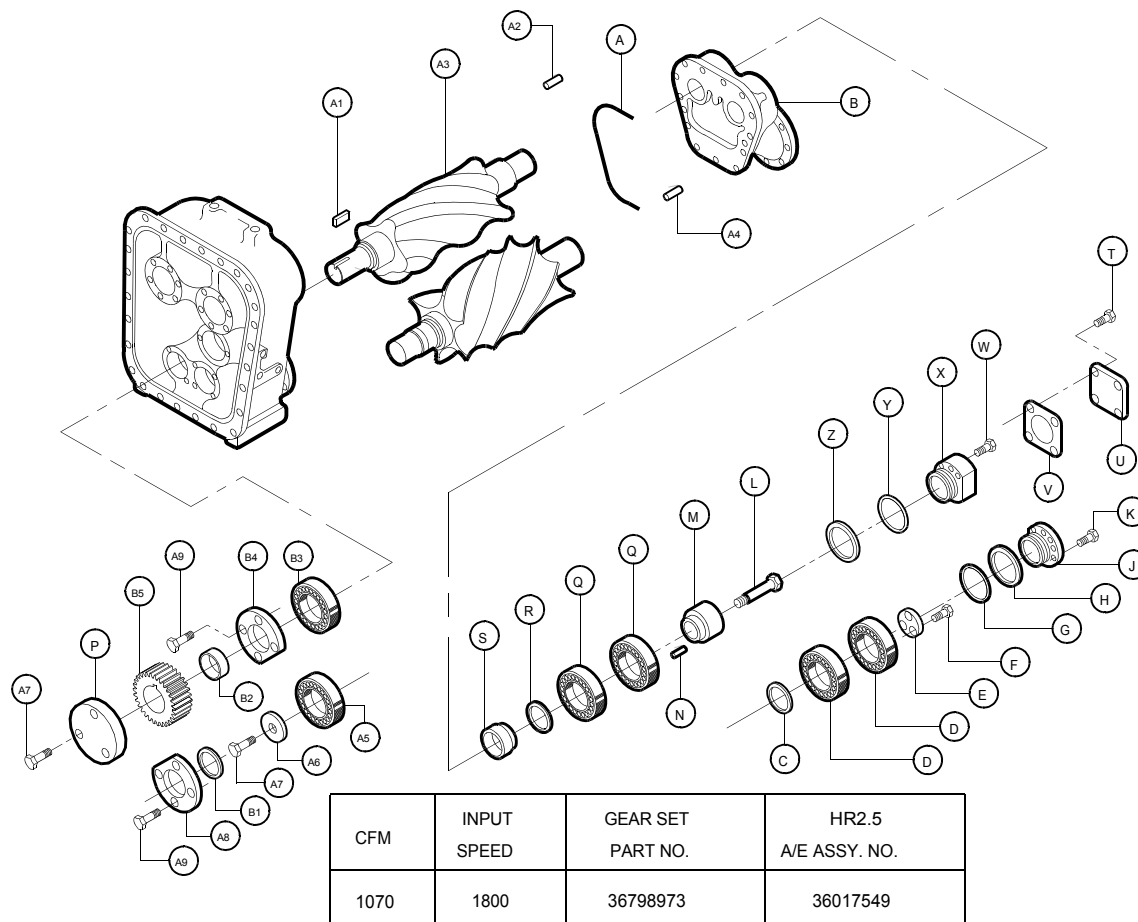
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
W	35600022	Bearing	1	Continued
X	35300193	Clamp, Plate	1	
Y	35600030	Bearing, Roller	1	
Z	35336122	Dowel	1	
A1	35355783	O-Ring	1	
A2	35336130	Dowel	1	
A3	36861193	Housing, Rotor	1	
A4	96706080	Screw	4	
A5	36509388	Plate, Cover	1	
A6	35275742	Gasket	1	
A7	92398239	Screw	-	
A8	35295344	Screw	-	
A9	95340428	Key	1	
B1	36861144	Pump, Oil	1	
B2	95000410	O-Ring	1	
B3	36854701	Coupling	1	
B4	36861557	Plug	1	
B5	36861847	Spring	1	
B6	36861839	Piston	1	

HR2.5 Air End Assembly HR2.5 Air End Assembly



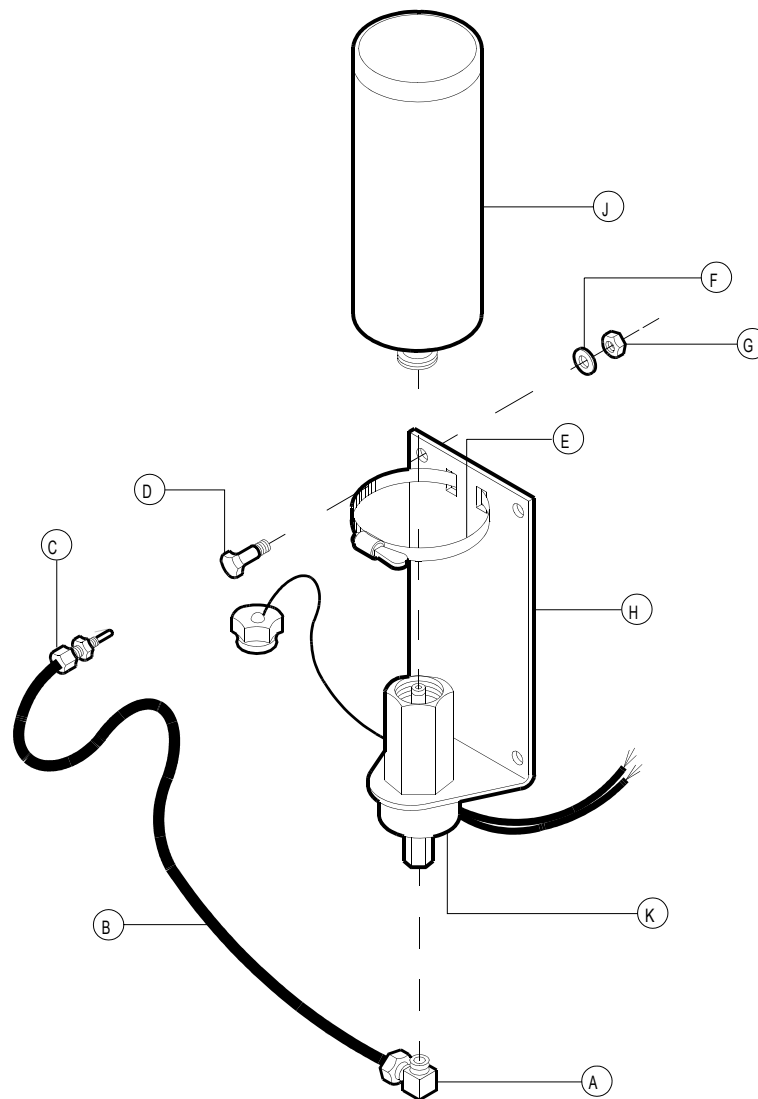
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35355791	O-Ring	1	Continued.....
B	36738128	Housing, Rear Bearing	1	
C	35355874	Set, Shim	1	
D	35600113	Bearing, Tapered Roller	2	
E	35355957	Plate, Clamp	1	
F	35311463	Screw	3	
G	95026290	O-Ring	1	
H	35355924	Set, Shim	1	
J	35856350	Cover, Rear Bearing	1	
K	96702295	Screw	6	
L	36851277	Bolt	1	
M	35864644	Coupling	1	
N	95069522	Dowel	1	
P	36847200	Clamp, Plate	1	
Q	35600113	Bearing, Tapered Roller	2	
R	35355874	Set, Shim	1	
S	35355940	Piston, Thrust	1	
T	96712179	Bolt	4	
U	36509388	Plate, Cover	1	
V	35275742	Gasket	1	

HR2.5 Air End Assembly HR2.5 Air End Assembly



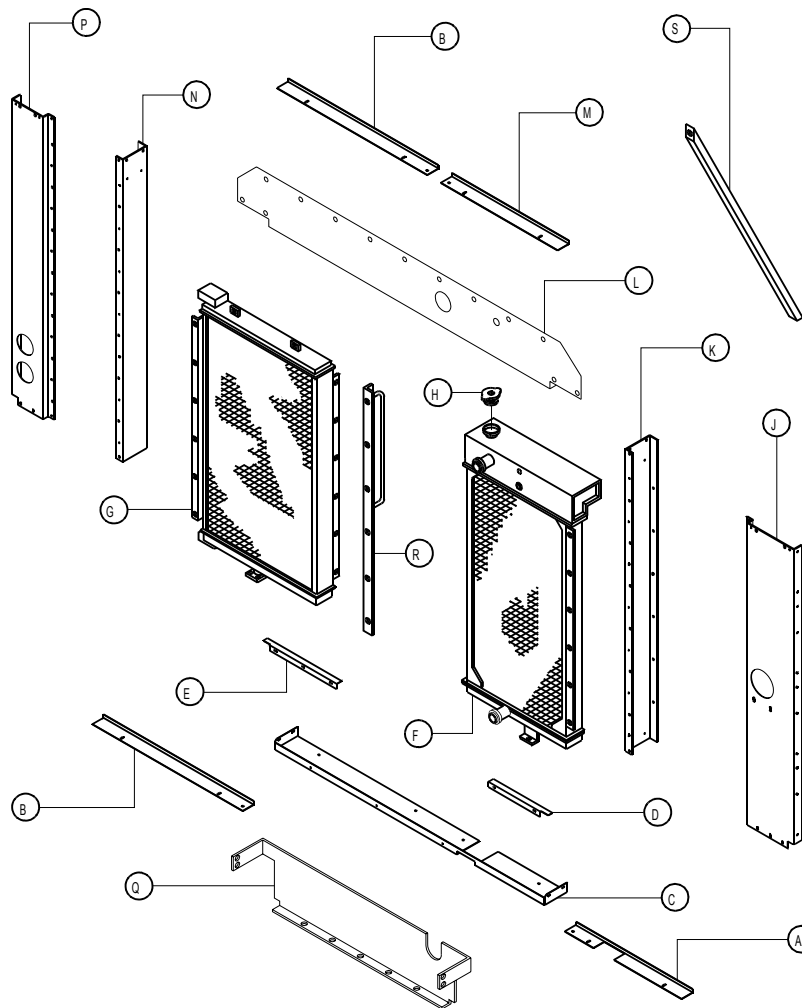
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
W	39125000	Bolt	6	Continued
X	36864676	Cover, Bearing	1	
Y	95026290	O-Ring	1	
Z	35355916	Set, Shim	1	
A1	35355817	Key	1	
A2	35336122	Dowel	1	
A3	36006732	Rotor Set (2nd Stage)	1	
A4	35336130	Dowel	1	
A5	35600014	Bearing, Roller	1	
A6	35300201	Plate, Clamp	1	
A7	35311463	Screw	1	
A8	35355999	Plate, Retaining	1	
A9	35273408	Bolt	4	
B1	35355973	Spacer, Bearing	1	
B2	35355866	Spacer	1	
B3	35600022	Bearing, Roller	1	
B4	35355965	Plate, Retaining	1	
B5		See Gear Set Chart On Page A-13		

Starting Aid Assembly
Starting Aid Assembly



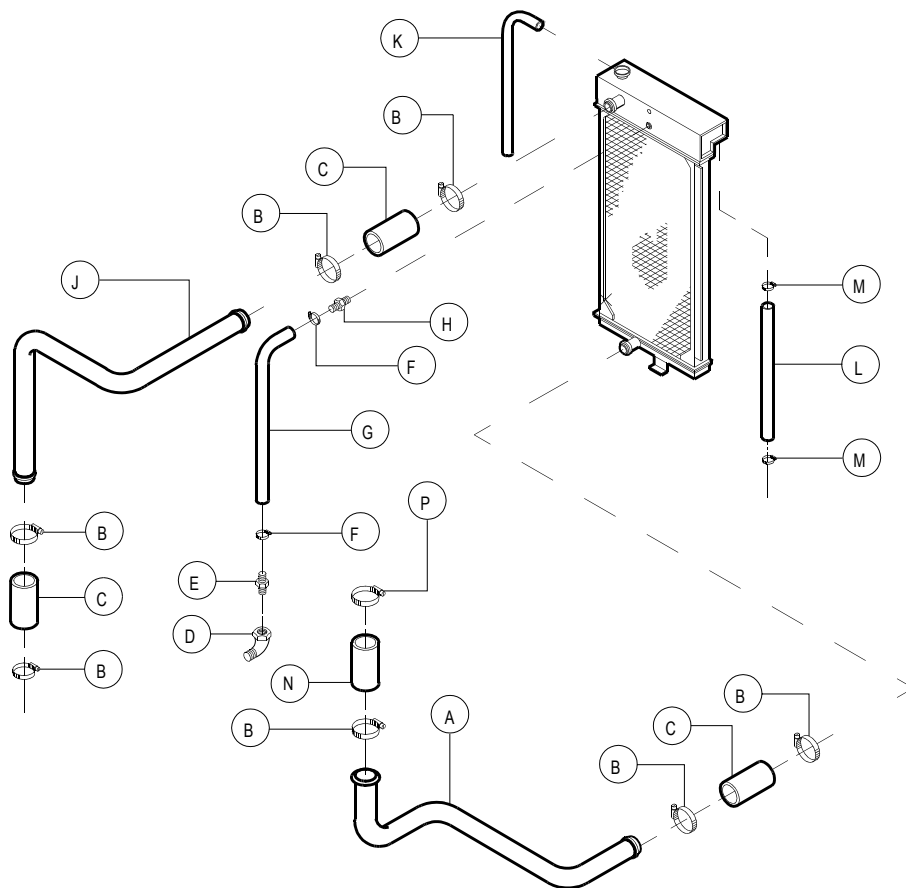
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35103498	Elbow	1	
B	35132174	Tubing	1	
C	35306166	Atomizer	1	
D	92368687	Screw	4	
E	30351332	Clamp	1	
F	95043196	Washer	4	
G	92304500	Nut	4	
H	35103506	Valve and Bracket Assembly	1	
J	35112911	Cylinder, Ether	1	
K	35306158	Valve	1	
	35306182	Starting Aid Kit Assembly		

Radiator and Oil Cooler Radiator and Oil Cooler



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36897767	Angle, Bottom Radiator Adjusting	1	
B	36897742	Angle, Cooler Adjusting	1	
C	36897734	Baffle, Bottom Shroud	1	
D	36897809	Filler, Left Radiator	1	
E	36897817	Filler, Right Cooler	1	
F	36884054	Radiator	1	
G	36884013	Cooler, Oil	1	
H	36765634	Cap, Radiator	1	
J	36897700	Support, Left	1	
K	36897718	Shroud, Left	1	
L	36897726	Shroud, Top Baffle	1	
M	36897759	Angle, Radiator Top Adjusting	1	
N	36897692	Shroud, Right	1	
P	36897684	Support, Right	1	
Q	36755650	Baffle, Bottom Cooler	1	
R	36757862	Angle, Cooler Connector	1	
S	36755106	Support, Oil Cooler Vertical	1	

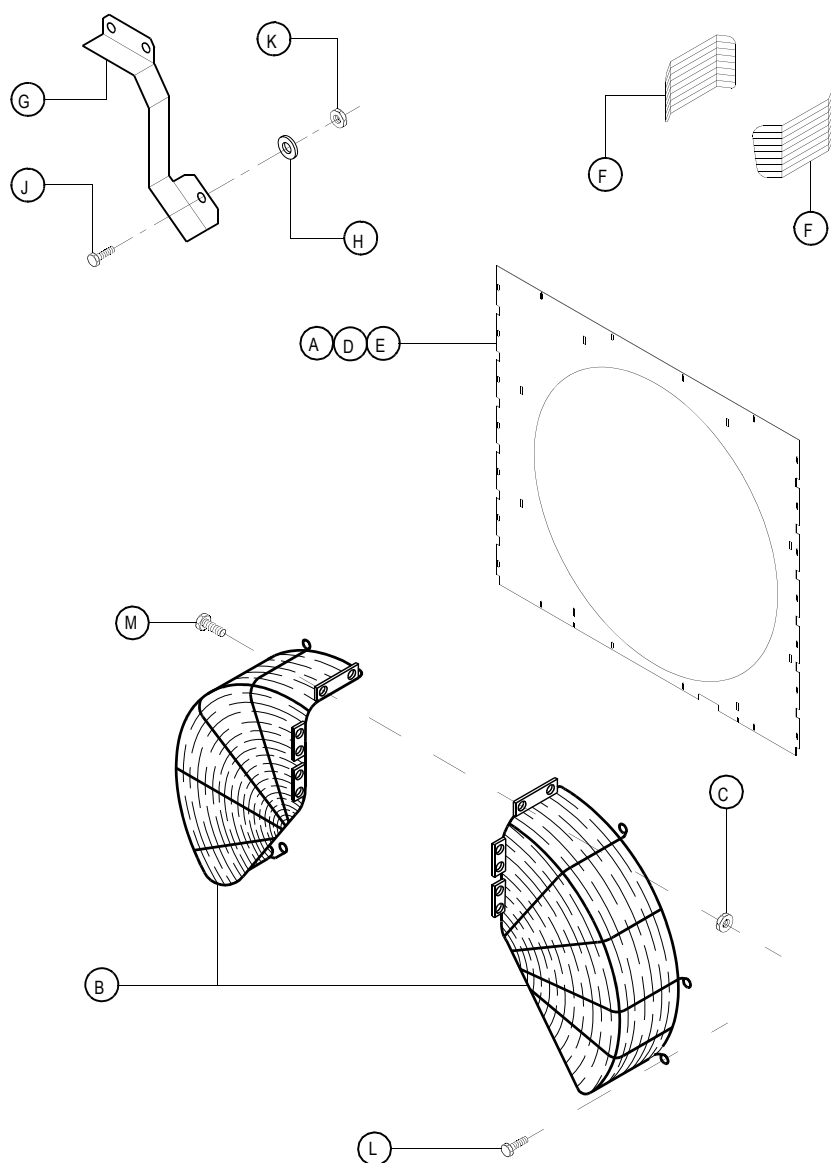
Radiator Piping Radiator Piping



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36767929	Tube, Lower Radiator	1	
B	35222017	Clamp, Hose	8	
C	35330570	Hose	1	
D	95944666	Elbow	1	
E	35310598	Adapter	1	
F	95264776	Clamp	2	
G	35285600	Hose, Vent (63 Inches)	1	
H	35305234	Adapter	1	
J	36767911	Tube, Upper	1	
K	35360775	Tubing (80 Inches)	1	
L	35135458	Hose (59 inches)	1	
M	95235131	Clamp, Hose	2	
N	36767903	Hose	1	
P	31497357	Clamp, Hose	1	

Fan Guard and Shroud

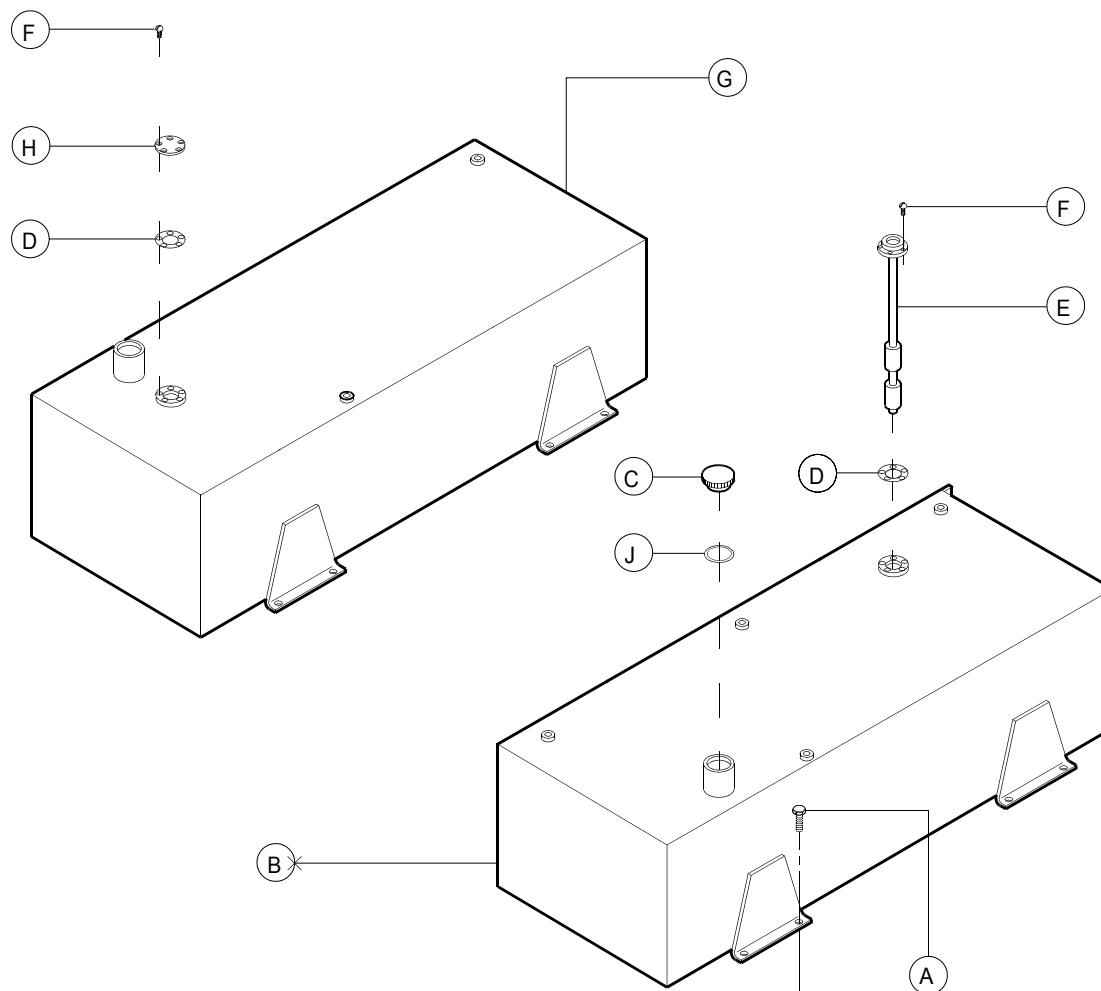
Fan Guard and Shroud



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35300771	Screw	22	
B	36770667	Guard, Fan	1	
C	36881886	Nut	6	
D	36897676	Orifice	1	
E	35346741	Nut, Retainer	8	
F	36798205	Guard, Air End	2	
G	36898526	Guard, Fan	1	
H	35603489	Washer	3	
J	35144344	Bolt	3	
K	35145077	Nut	3	
L	35144336	Screw	8	
M	36889608	Screw	6	

Fuel Tank and Mounting

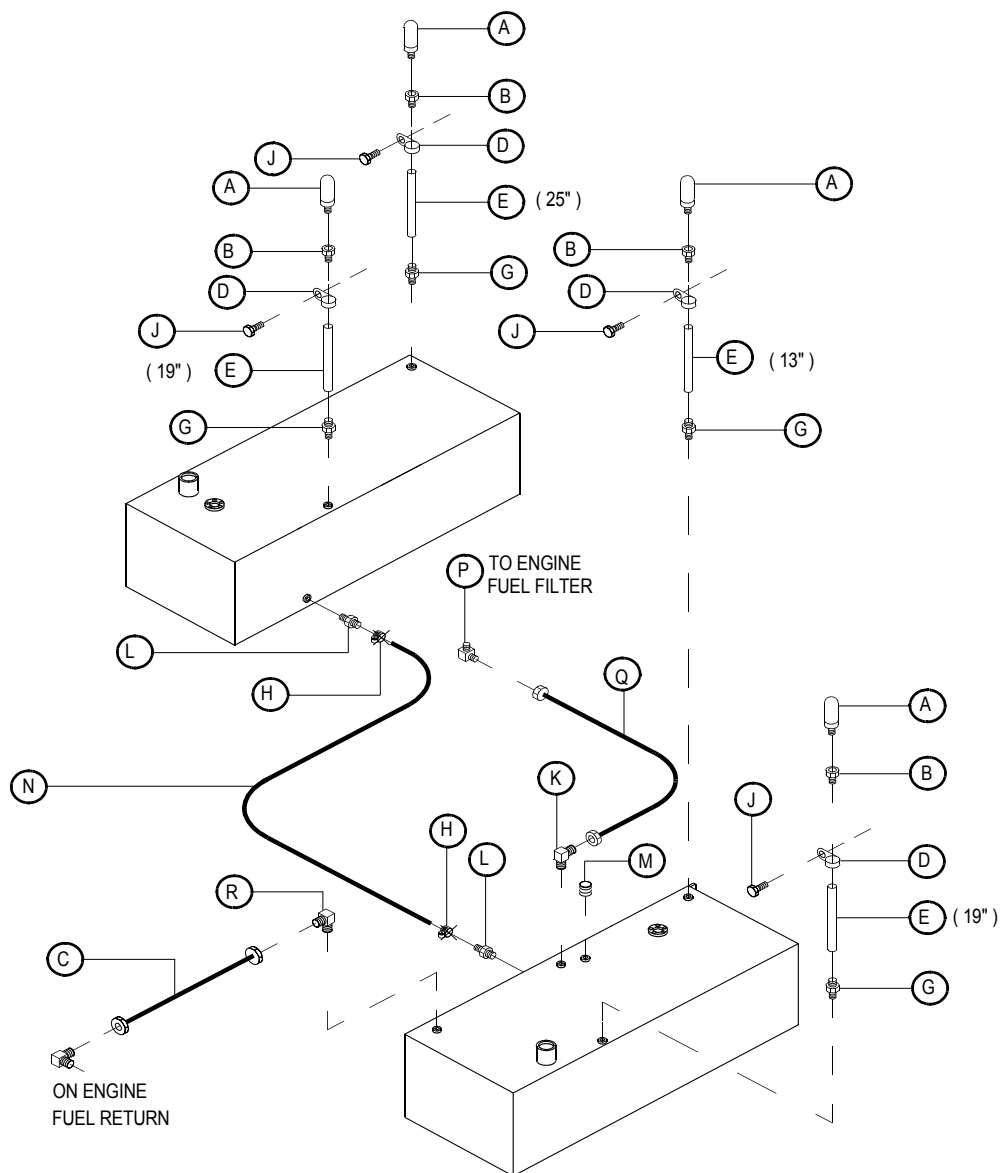
Fuel Tank and Mounting



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35130293	Screw	12	
B	36789428	Tank, Right Fuel (Wagon Wheel)	1	
	36870376	Tank, Right Fuel (HSRG)	1	
C	35603679	Cap, Fuel	2	
D	35361849	Gasket	2	
E	36840783	Sender, Fuel Level	1	
F	35252279	Screw	10	
G	36755072	Tank, Left Fuel (Wagon Wheel)	1	
	36870368	Tank, Left Fuel (HSRG)	1	
H	36792828	Cover	1	
J	35358159	Gasket, Fuel Filler Cap	1	

Fuel Tank Piping

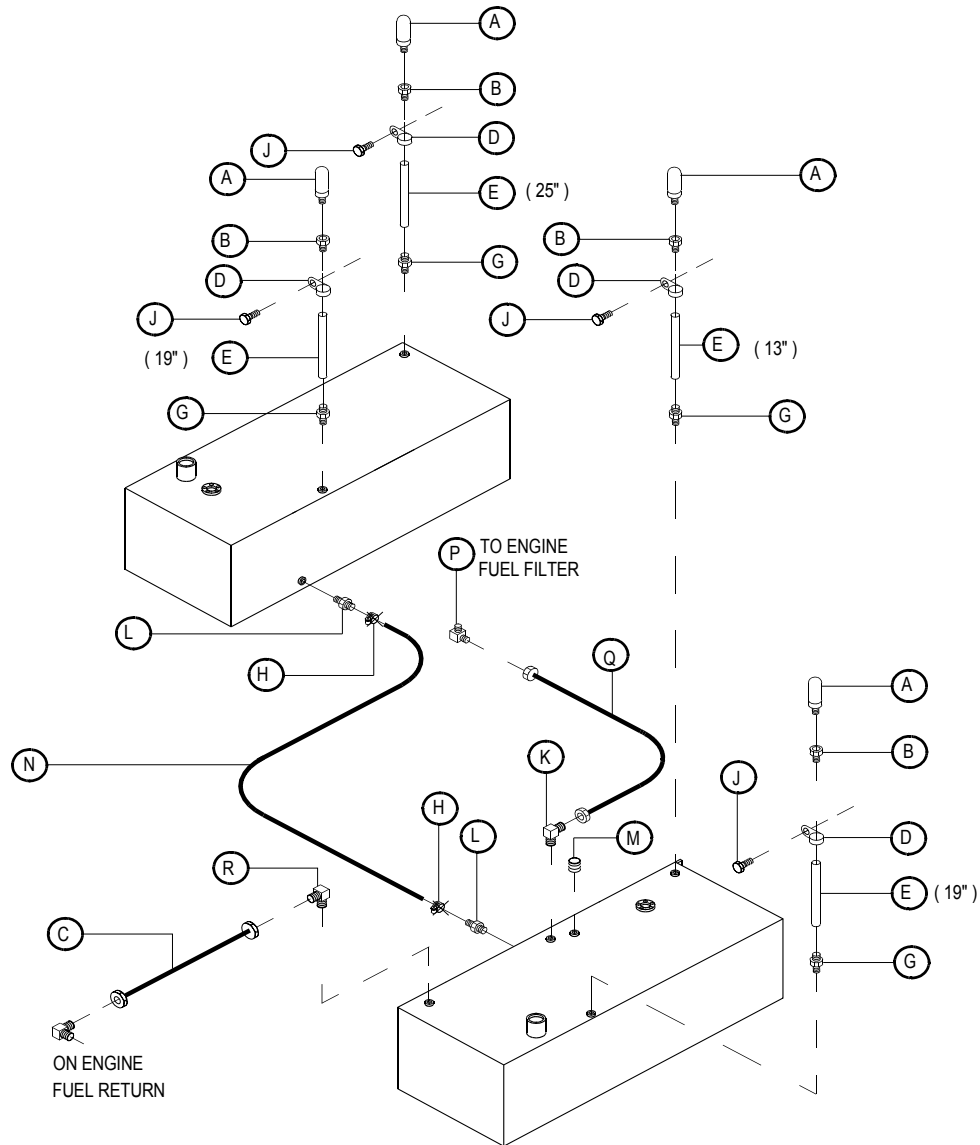
Fuel Tank Piping



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35322395	Silencer	4	Continued.....
B	35369339	Connector	4	
C	35310994	Hose Assembly	1	
D	35225093	Clamp	4	
E	35356484	Tubing		
F	36898096	Screw	1	
G	35369347	Connector	4	
H	35295773	Clamp	2	
J	92368687	Screw	3	
K	35309210	Elbow, 90	1	
L	36860039	Connector	2	
M	95954053	Plug	1	

Fuel Tank Piping

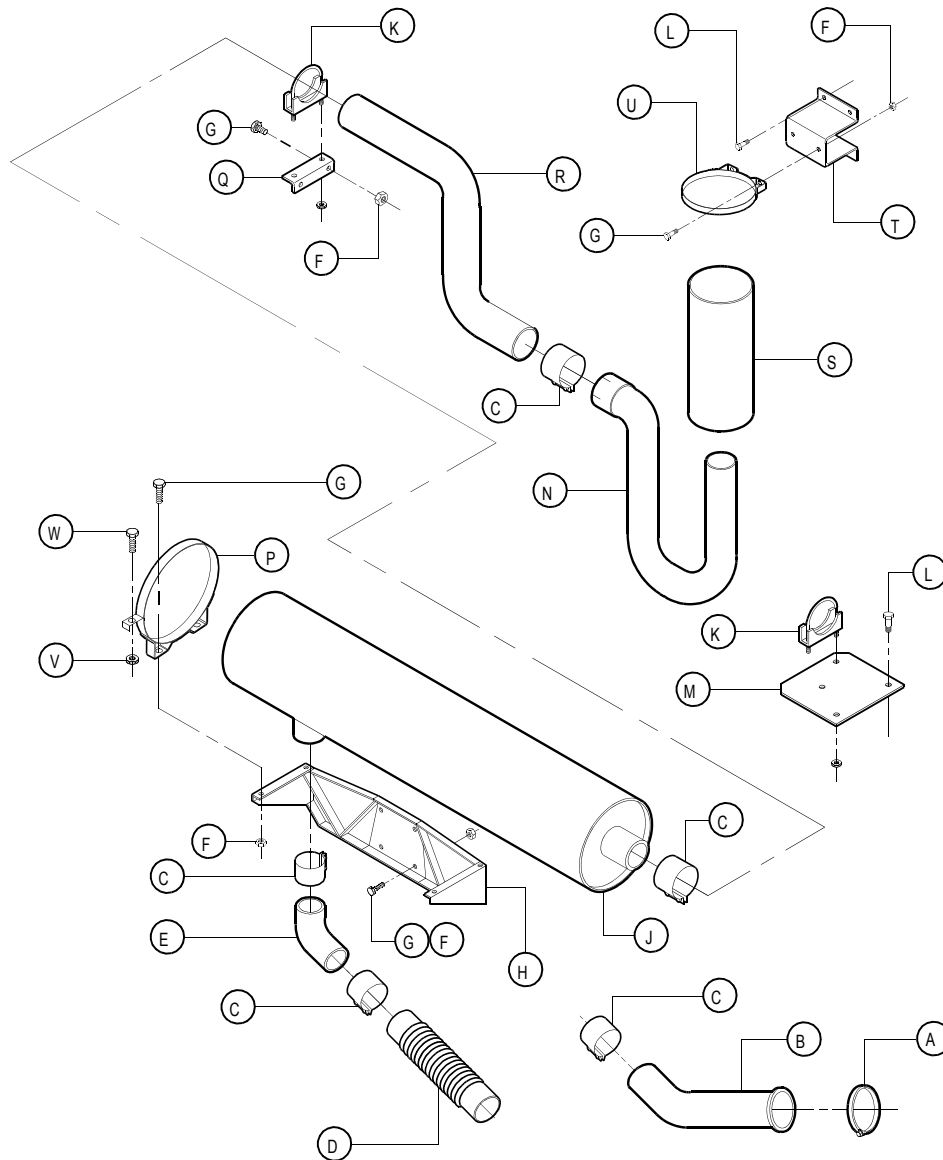
Fuel Tank Piping



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	35139500	Hose	1	 Continued
P	35283118	Elbow, 90	1	
Q	35310234	Hose Assembly	1	
R	35279926	Elbow, 90	1	

Exhaust Assembly

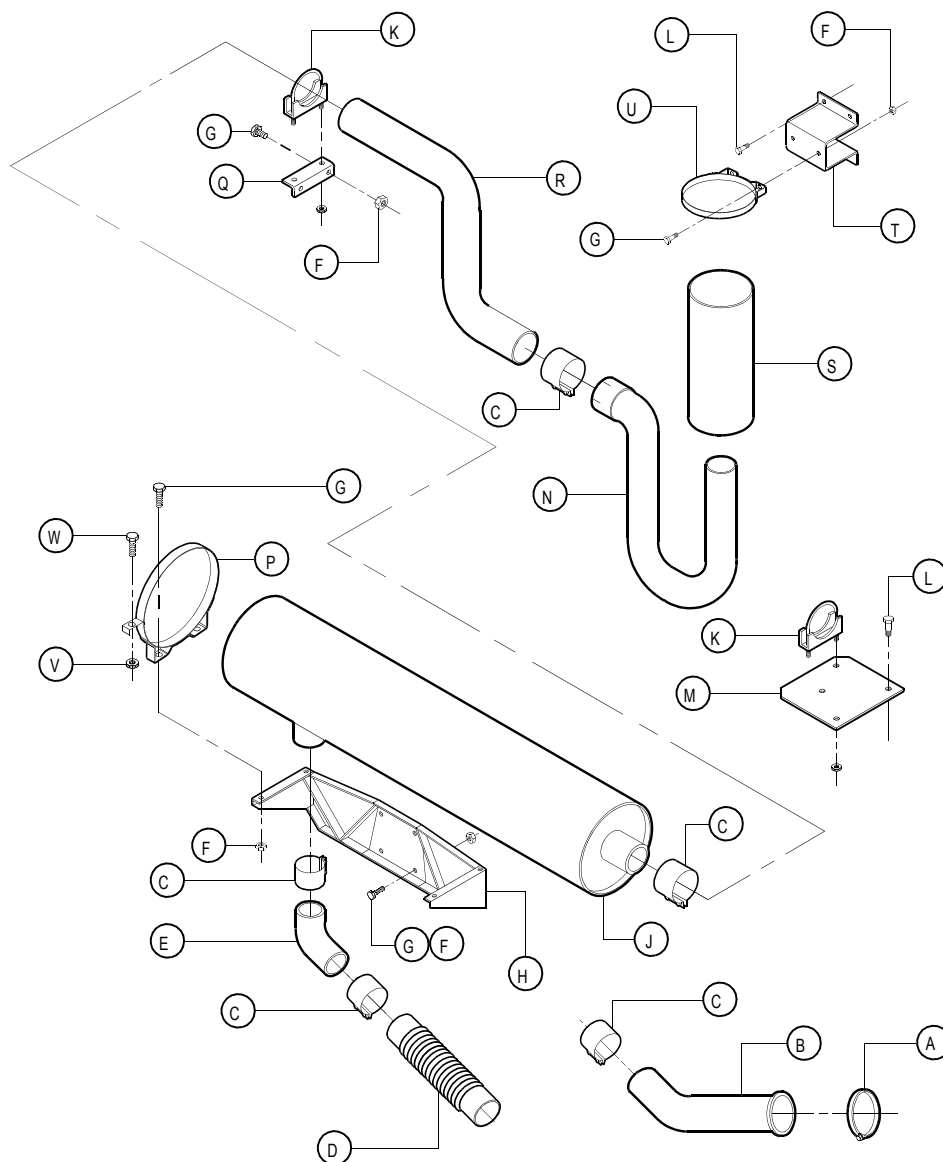
Exhaust Assembly



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36758407	Clamp, V-Band	1	Continued.....
B	36506236	Pipe, Turbo	1	
C	35307131	Clamp, Seal	5	
D	36506095	Pipe, Flex	1	
E	36506228	Pipe, Exhaust	1	
F	36879195	Nut	8	
G	36880995	Screw	8	
H	36755569	Bracket, Mounting	1	
J	36755643	Muffler	1	
K	35127653	Clamp	2	
L	36797652	Screw	10	
M	36898765	Support, Clamp	1	
N	36849610	Pipe, Extension	1	

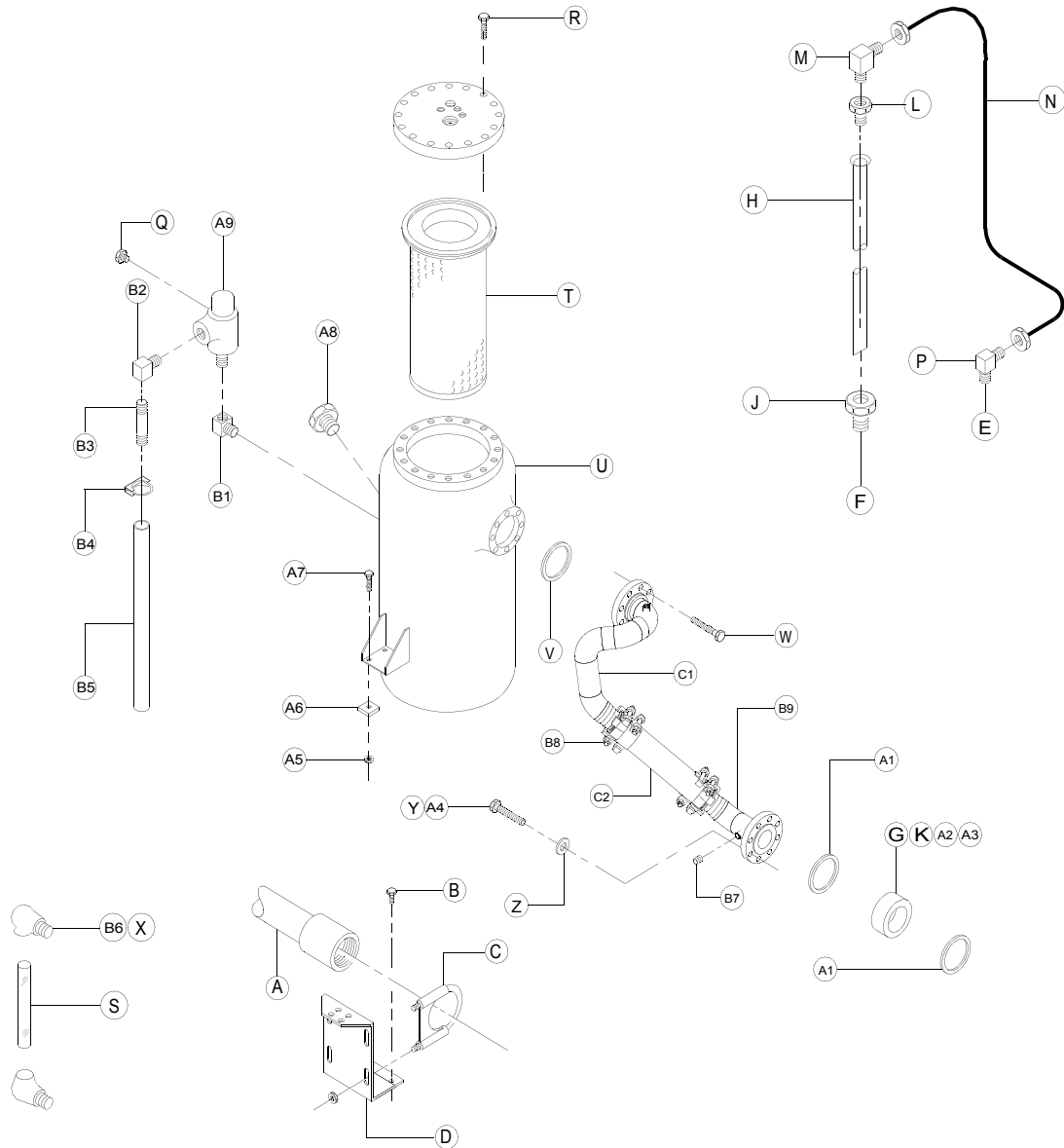
Exhaust Assembly

Exhaust Assembly



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	36506079	Band, Mounting	2	 Continued
Q	35611235	Bracket, Pipe	1	
R	36765402	Pipe, Tail	1	
S	36787034	Tube, Exhaust	1	
T	36845089	Bracket, Tube	2	
U	36787026	Band, Mounting	2	
V	95922894	Nut	2	
W	95935128	Screw	2	

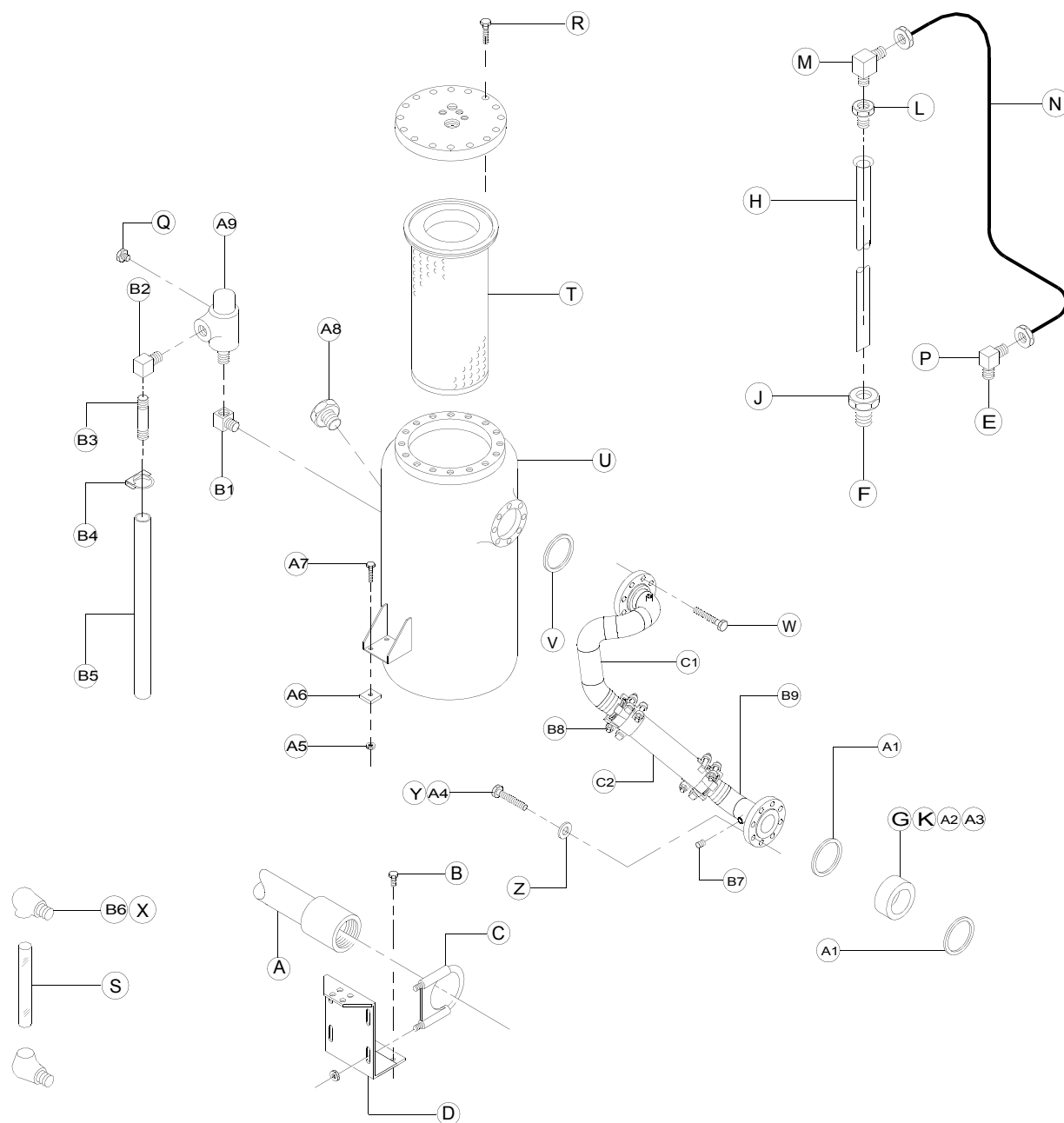
Separator Tank Assembly **Separator Tank Assembly**



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A		See Air Piping Drawing 36797827		
B	35130293	Screw	4	
C	36799419	U-bolt	1	
	35586288	U-bolt	1	
D	36852226	Bracket, Service Pipe	1	
E		To Air End		
F		To Separator Tank Cover		
G	36843720	Valve, Discharge Check	1	
H	35593201	Tube, Scavenge	1	
J	35329309	Fitting, Lenz	2	
K	35392299	Seat	1	
L	37081528	Orifice	1	
M	35283464	Elbow, 90	1	Continued.....

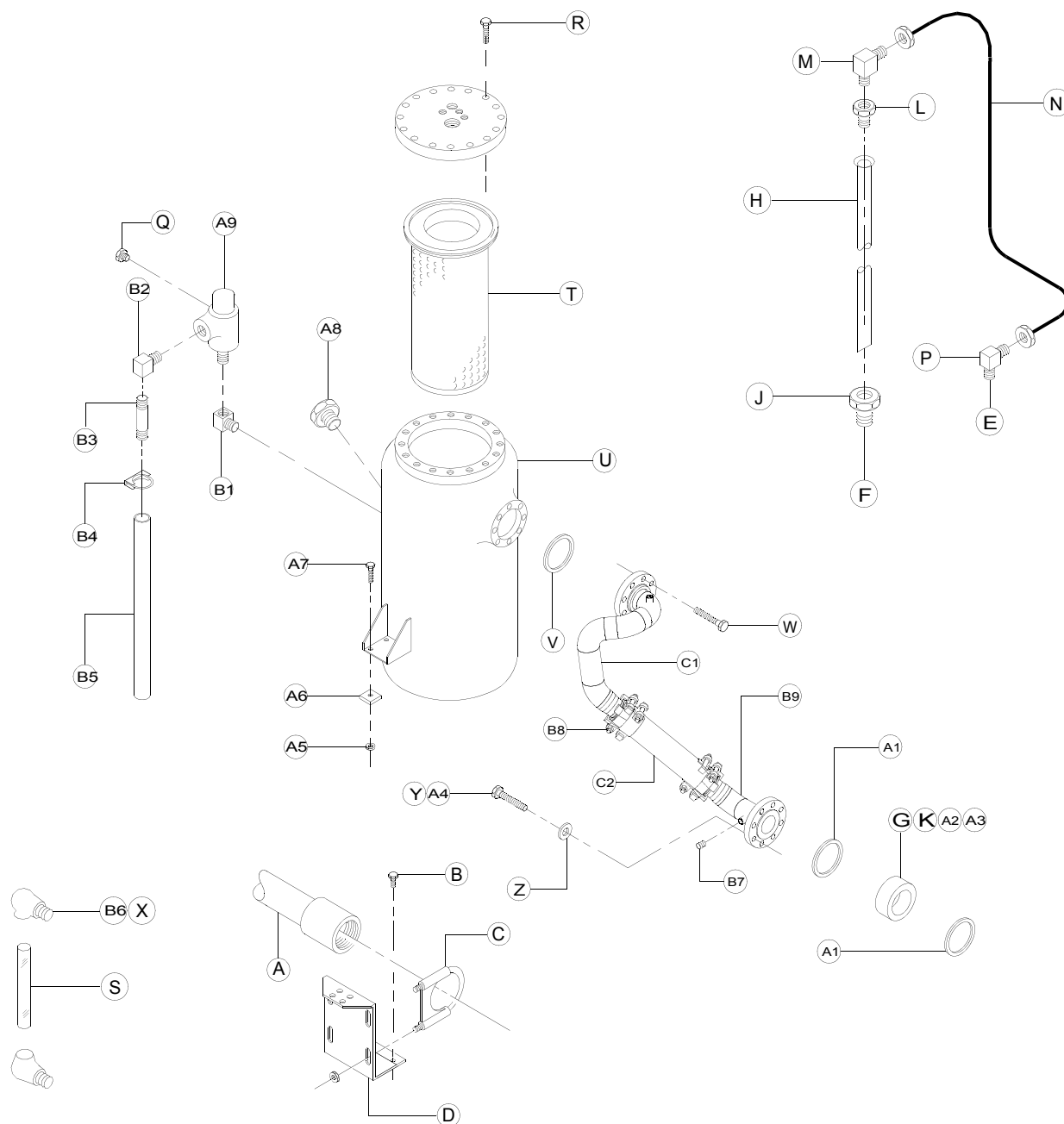
Separator Tank Assembly

Separator Tank Assembly



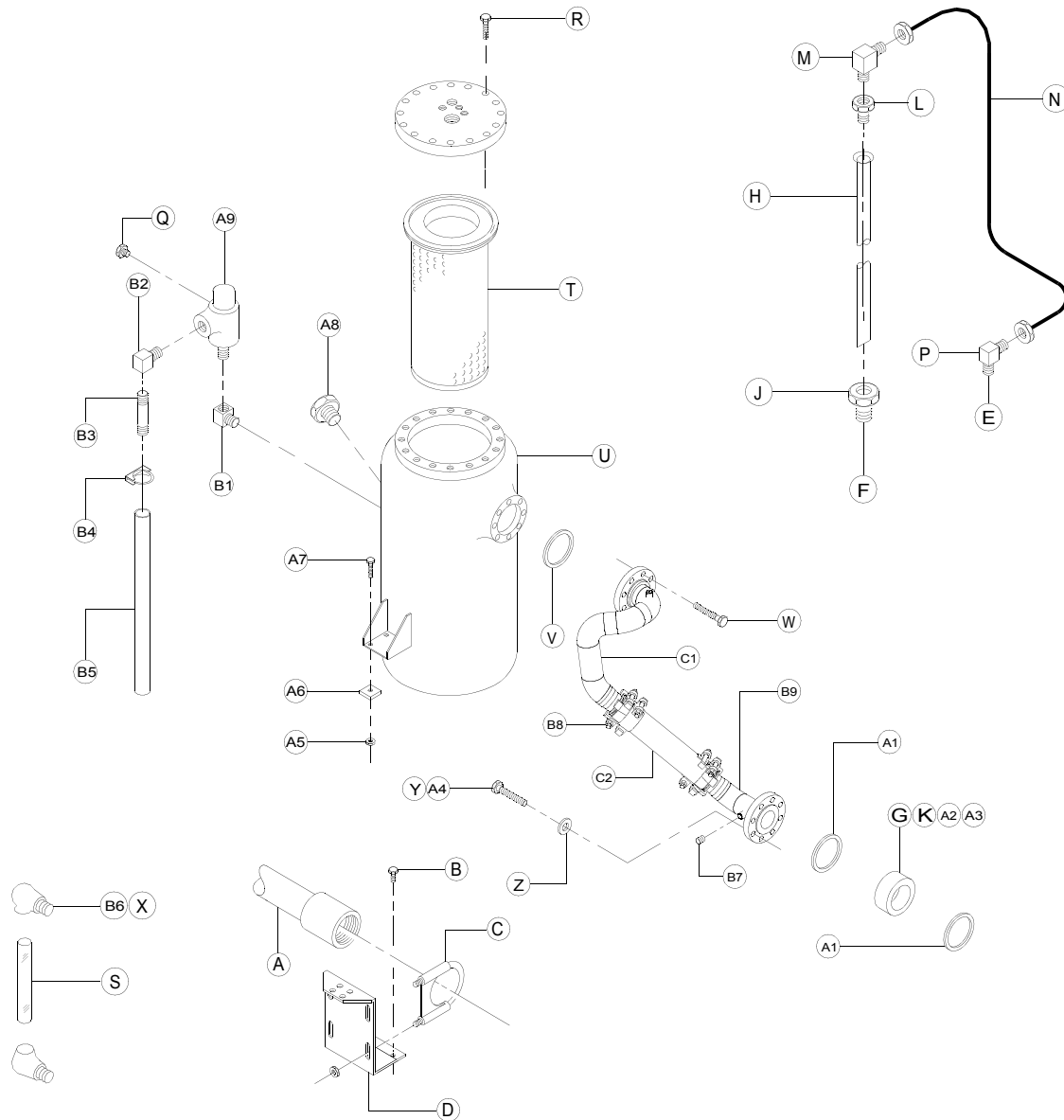
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	35322494	Hose	1	Continued
P	95365094	Elbow	1	
Q	95928230	Plug	1	
R	95935201	Screw	12	
S	92121532	Tube, Sight	1	
T	22402242	Element, Separator	1	
U	18999250	Tank, Separator	1	
V	95225116	Gasket	1	
W	95934386	Screw	8	
X	35324649	Gasket	2	
				Continued.....

Separator Tank Assembly



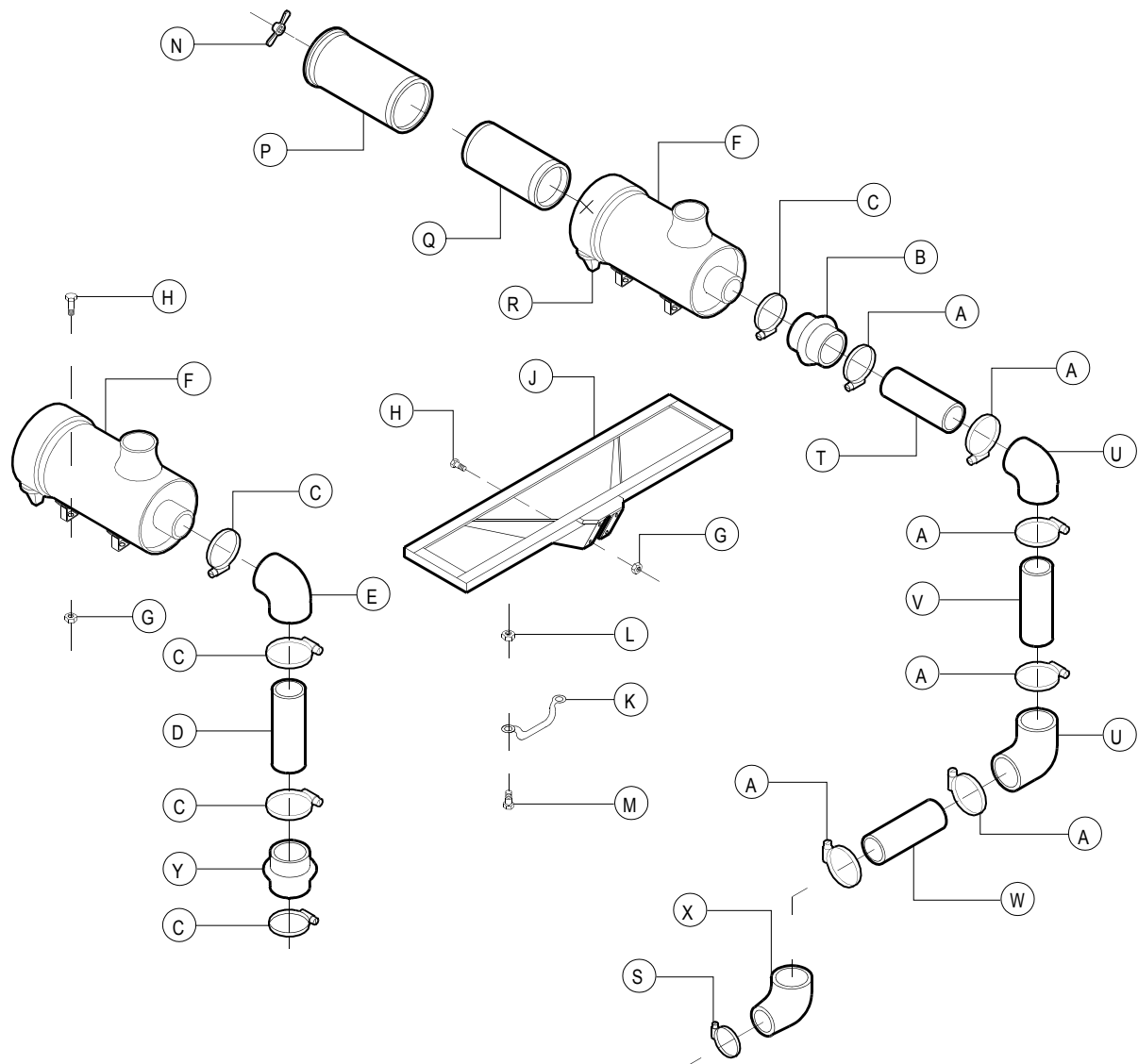
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
Y	35376094	Screw	4	Continued
Z	95935052	Washer	12	
A1	95225116	Gasket	2	
A2	36843720	Valve, Check	1	
A3	35392281	Spring	1	
A4	96705504	Screw	4	
A5	36879203	Nut	4	
A6	36762565	Pad	4	
A7	36877793	Screw	4	
A8	35802933	Plug, Filler	1	

Separator Tank Assembly



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A9	35596733	Safety, Valve	1	Continued
B1	102A7MZ7	Elbow, 90	1	
B2	95944104	Elbow, 90	1	
B3	36762821	Nipple	1	
B4	35261155	Clamp	1	
B5	36764868	Pipe	1	
B6	36860468	Fitting	1	
B7	95928255	Plug	1	
B8	36883585	Clamp, Hose	2	
B9	22993364	Pipe, Lower Discharge	1	
C1	22993356	Pipe, Upper Discharge	1	
C2	22993331	Hose, Discharge	1	
	22993349	Discharge Hose Assembly		

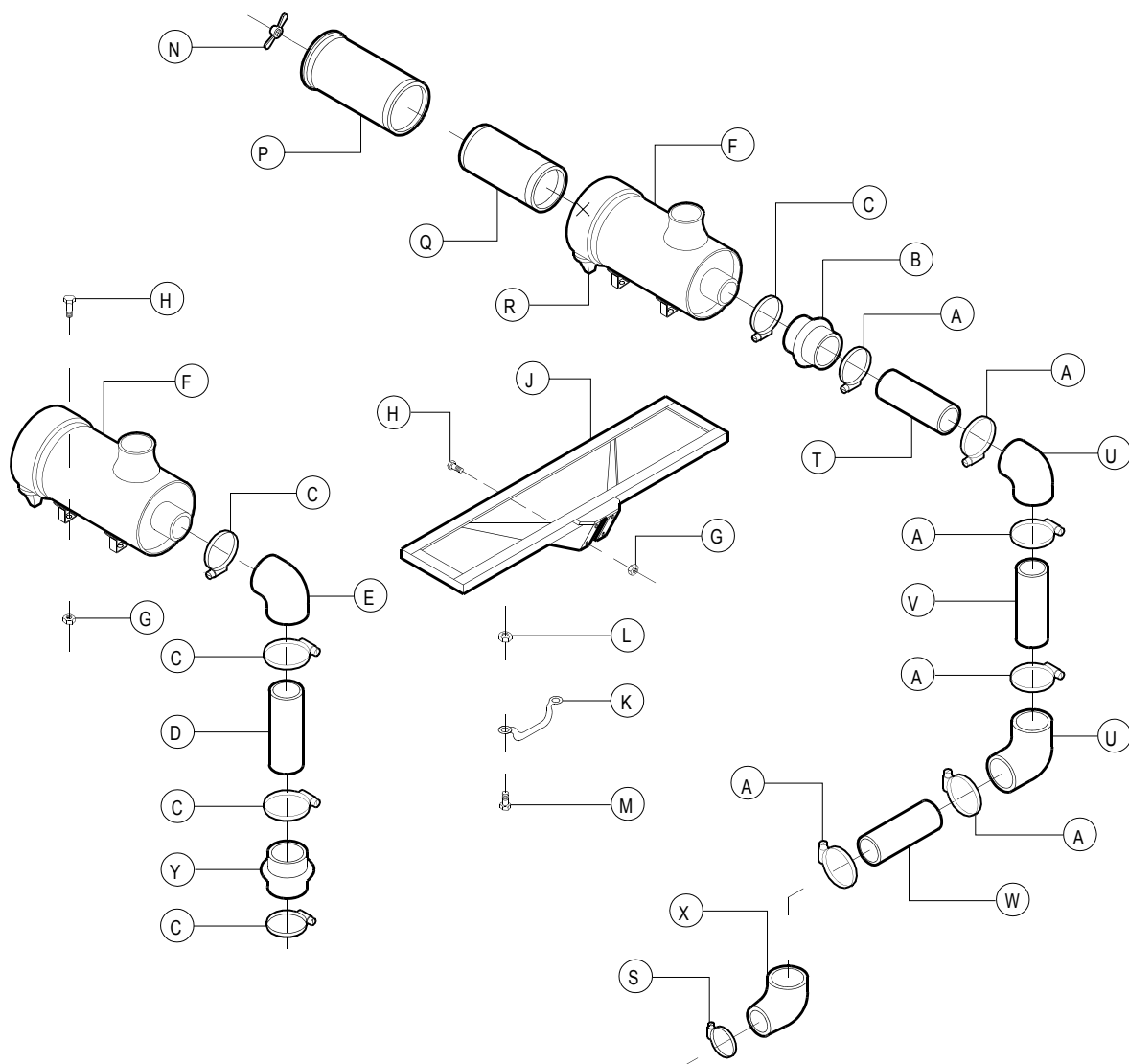
Air Intake and Filters
Air Intake and Filters



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35119858	Clamp	6	
B	35141290	Hose, Reducer Hump	1	
C	35129071	Clamp	5	
D	36864726	Tube, Connector	1	
E	35120211	Elbow, Rubber	1	
F	36864346	Air Cleaner Assembly	2	
G	36879195	Nut	12	
H	36880995	Screw	12	
J	36755163	Bracket, Air Cleaner	1	
K	35130707	Hold, Hand	1	
L	36881886	Nut	2	
M	36889608	Screw	2	

Air Intake and Filters

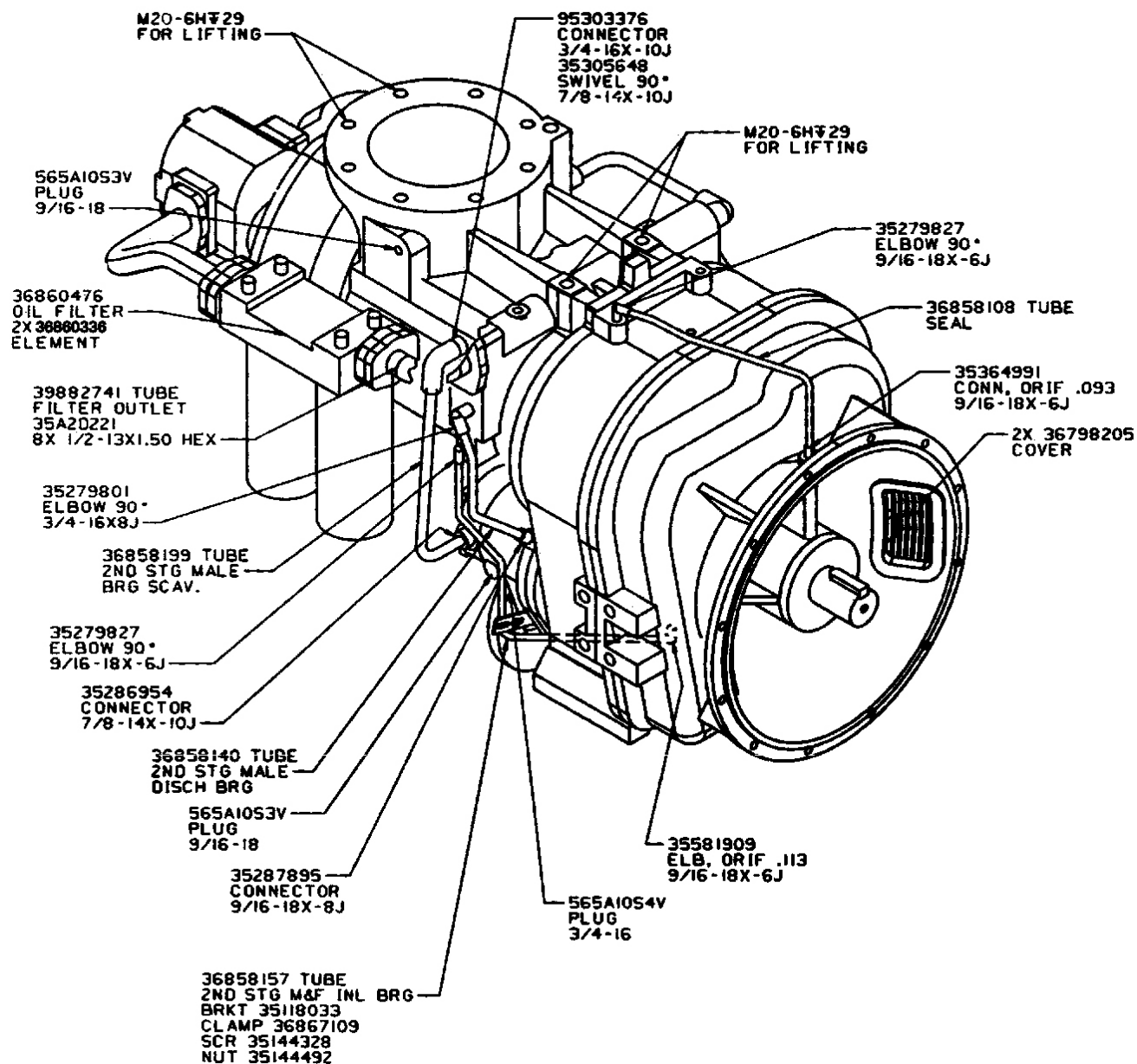
Air Intake and Filters



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	35388982	Nut, Wing	2	
P	36864361	Element, Primary	1	
Q	36864379	Element, Safety	1	
R	36867778	Ejector, Dust	1	
S	35123496	Clamp	1	
T	36794964	Tube, Connector	1	
U	35271683	Elbow, Rubber	2	
V	35505866	Tube, Connector	1	
W	36505790	Tube, Connector	1	
X	35583236	Elbow, Rubber	1	
Y	35120260	Hose, Hump	1	

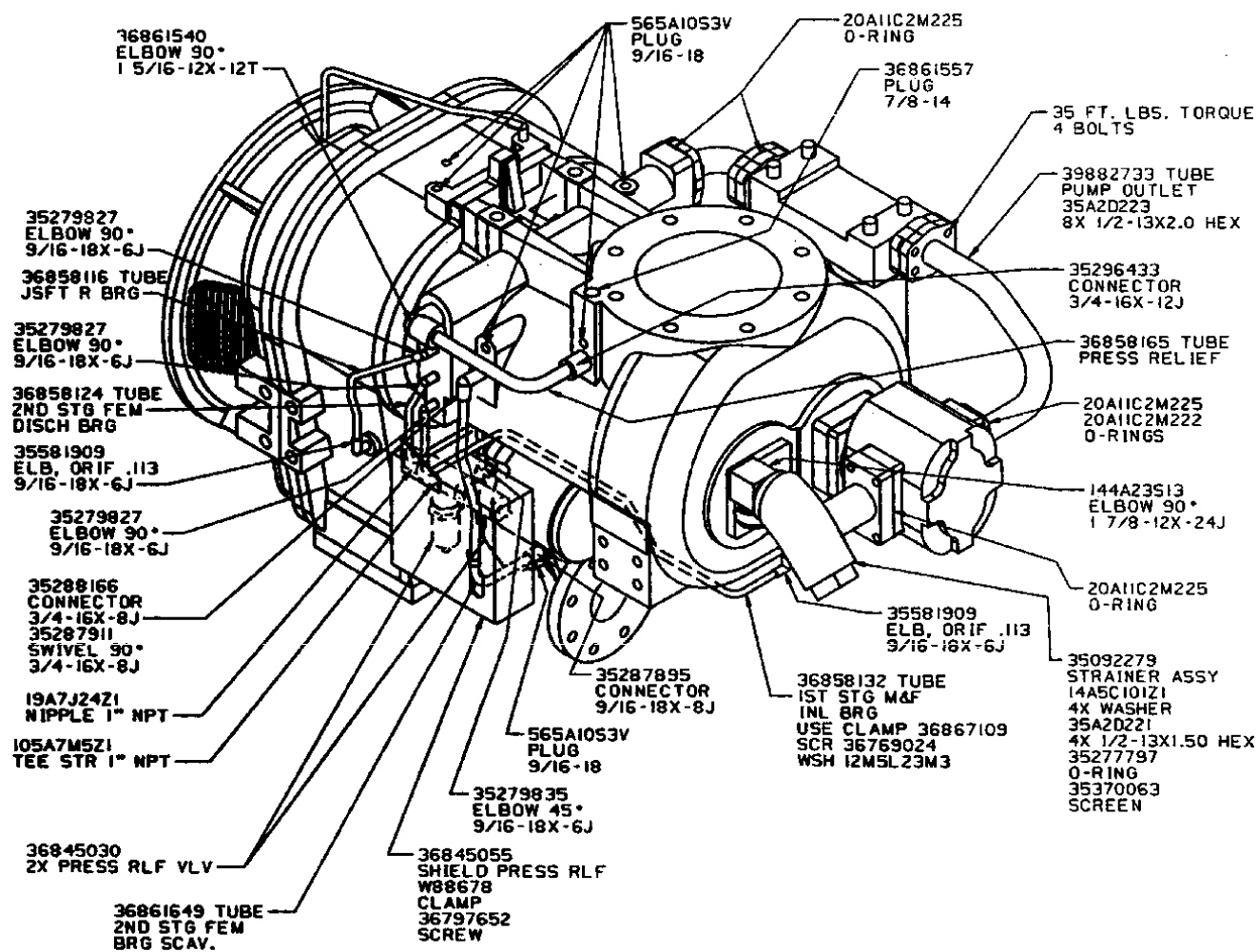
Air End Piping

Air End Piping



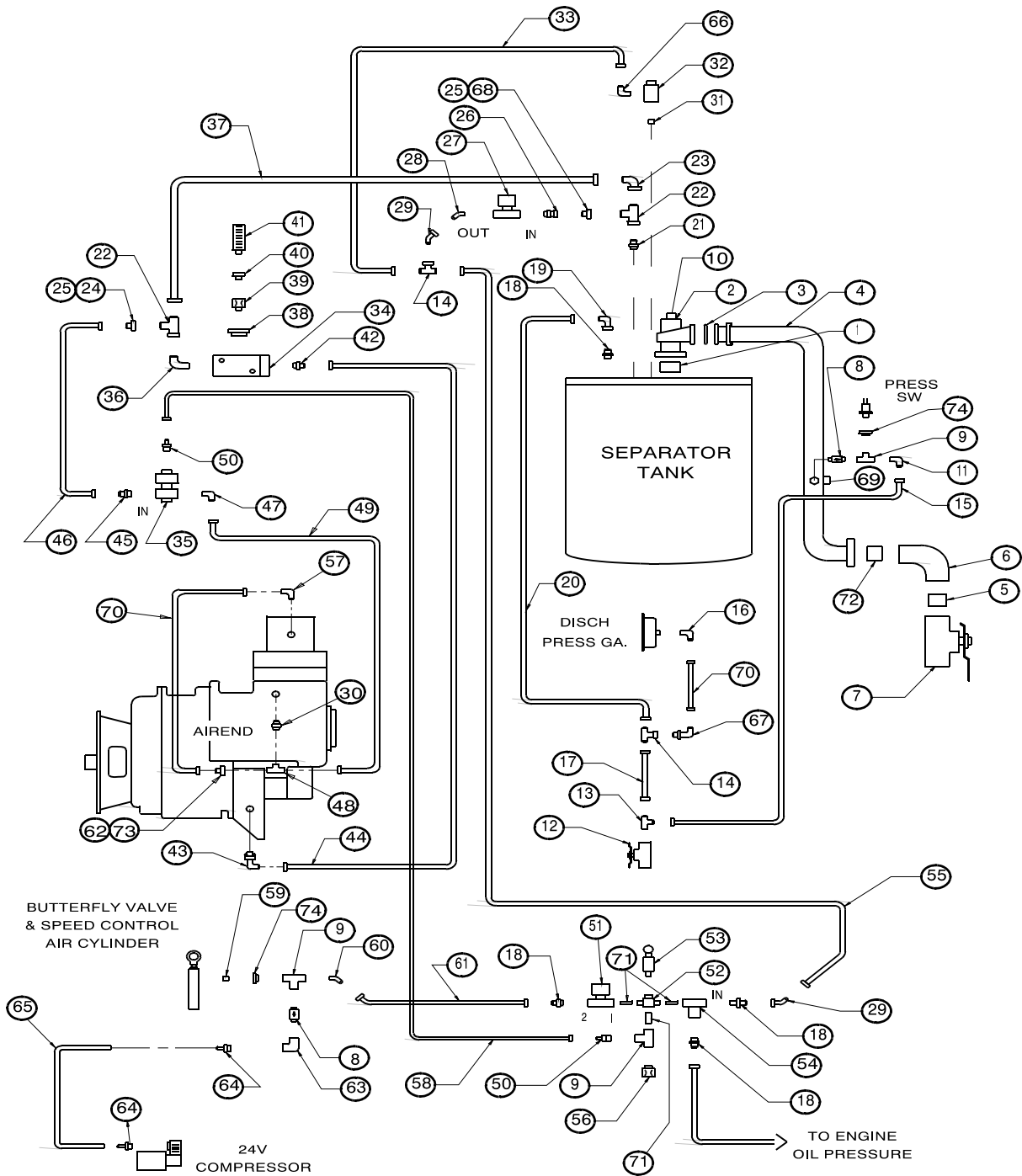
Air End Piping

Air End Piping



Air Piping

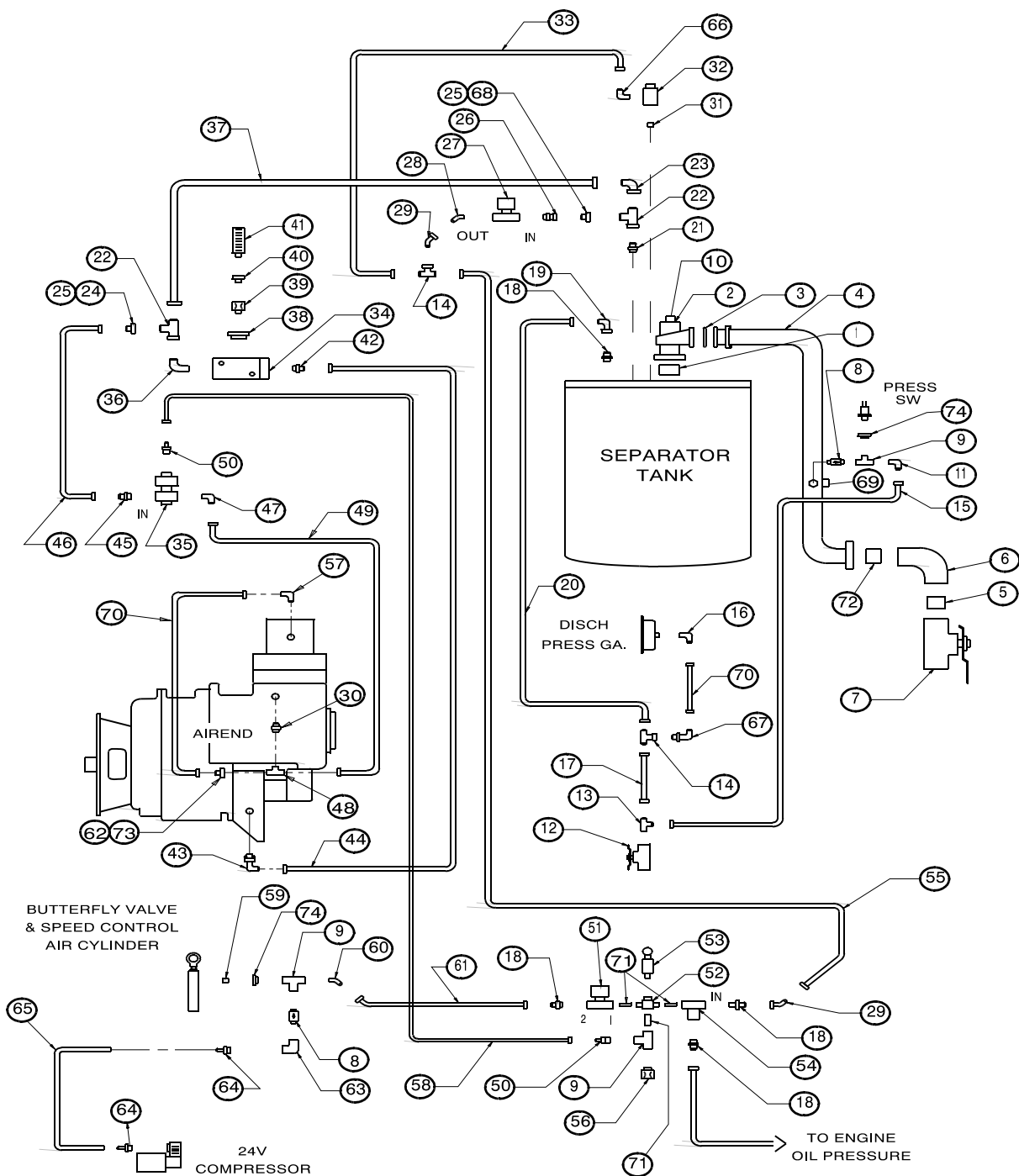
Air Piping



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	95934287	Nipple	1	
2	36762268	Valve, 3" Minimum Pressure	1	
3	95358040	O-ring	1	
4	23045248	Pipe, Service	1	
5	95940946	Nipple	1	
6	95954814	Elbow	1	
7	36755718	Valve, 3" Ball	1	

Air Piping

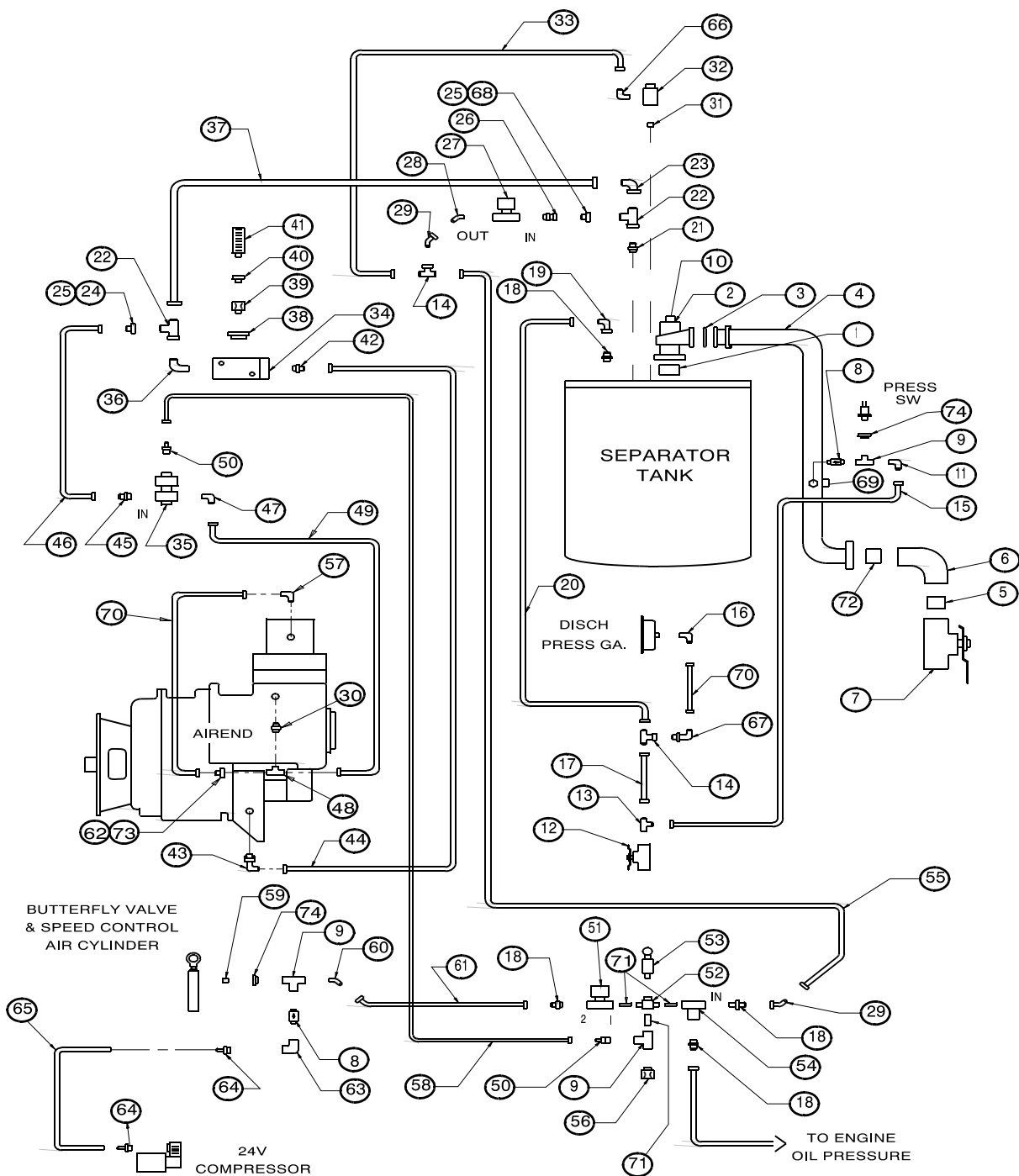
Air Piping



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
8	35248145	Valve, 1/4" Check	1	
9	35321272	Tee	1	
10	95947149	Plug	1	
11	35279934	Elbow, 90	1	
12	35324839	Valve, 1/4" Ball	1	
13	35283050	Tee	1	
14	35283092	Tee	1	

Air Piping

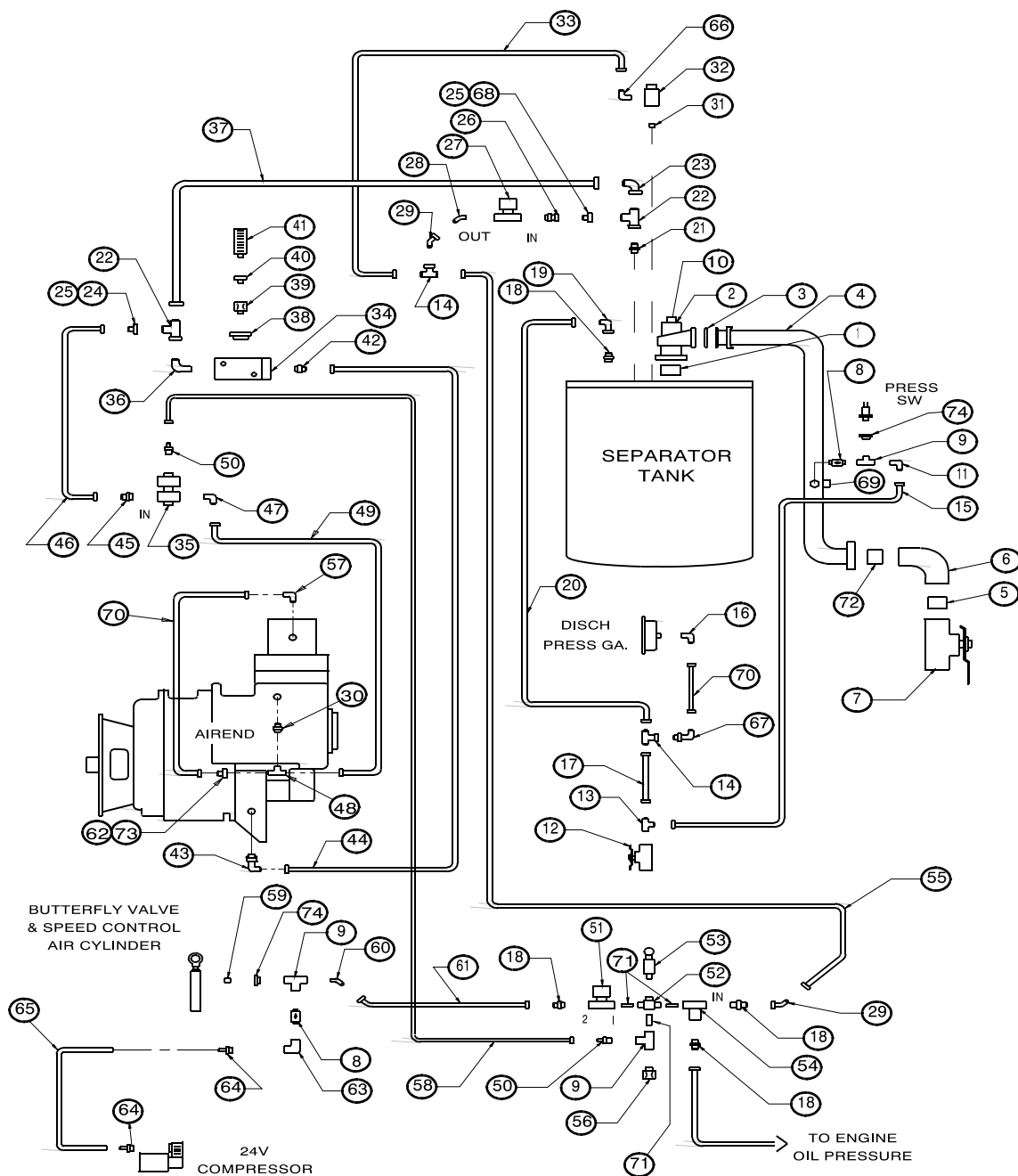
Air Piping



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
15	35282961	Hose Assembly	1	
16	35280098	Elbow. 90	1	
17	35330513	Hose Assembly	1	
18	35284082	Connector	1	
19	35283068	Elbow, 90	1	
20	35294701	Hose Assembly	1	
21	95219747	Adapter	1	

Air Piping

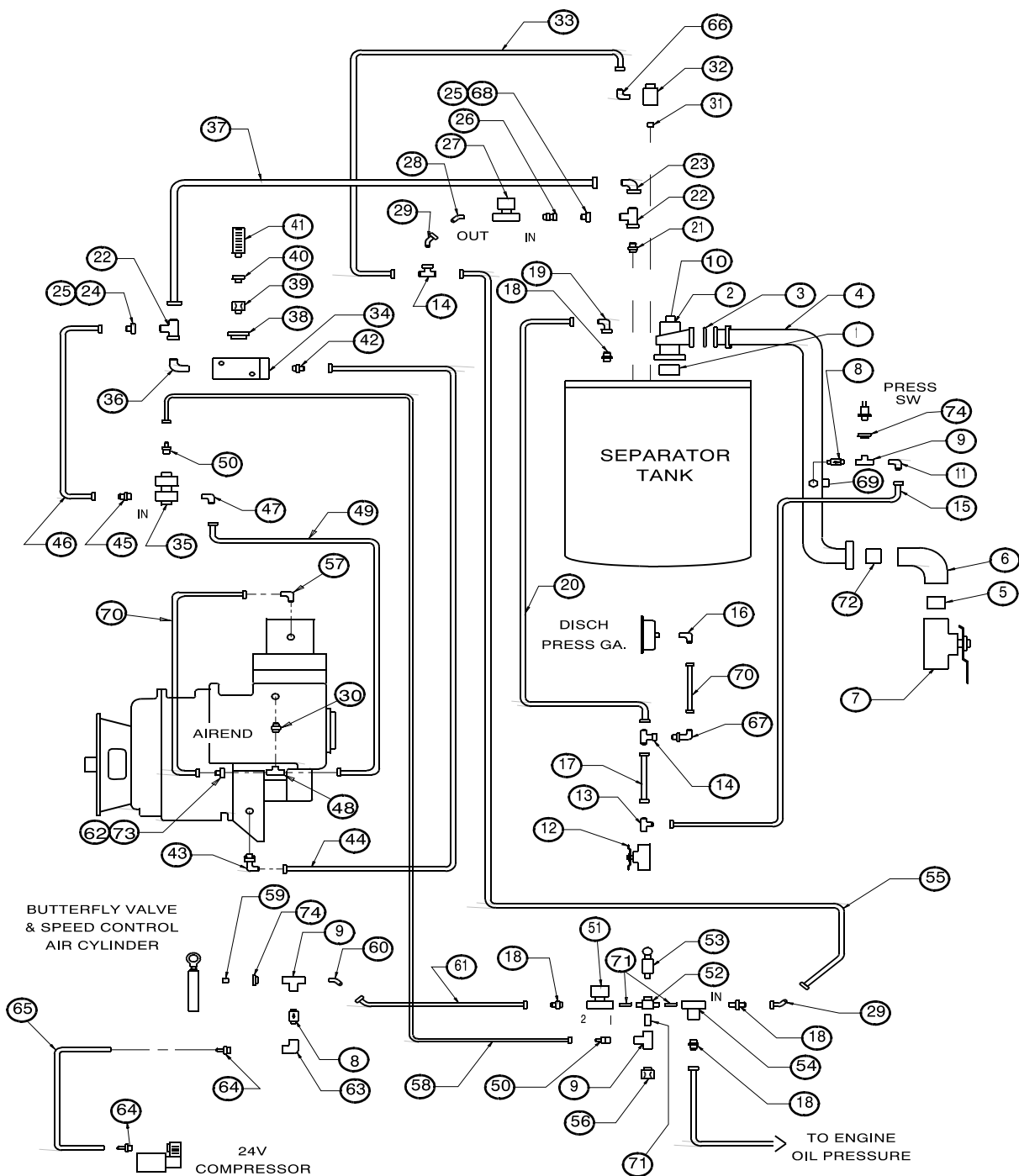
Air Piping



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
22	35287739	Tee	1	
23	35301506	Elbow, 90	1	
24	35365774	Tube, Reducer	1	
25	35324987	Nut, Tube	1	
26	35368927	Connector	1	
27	36842300	Valve, Solenoid	1	
27a	36842573	Bracket (Not Pictured)	1	
27b	95934634	Screw (Not Pictured)	4	
27c	95935003	Washer (Not Pictured)	4	

Air Piping

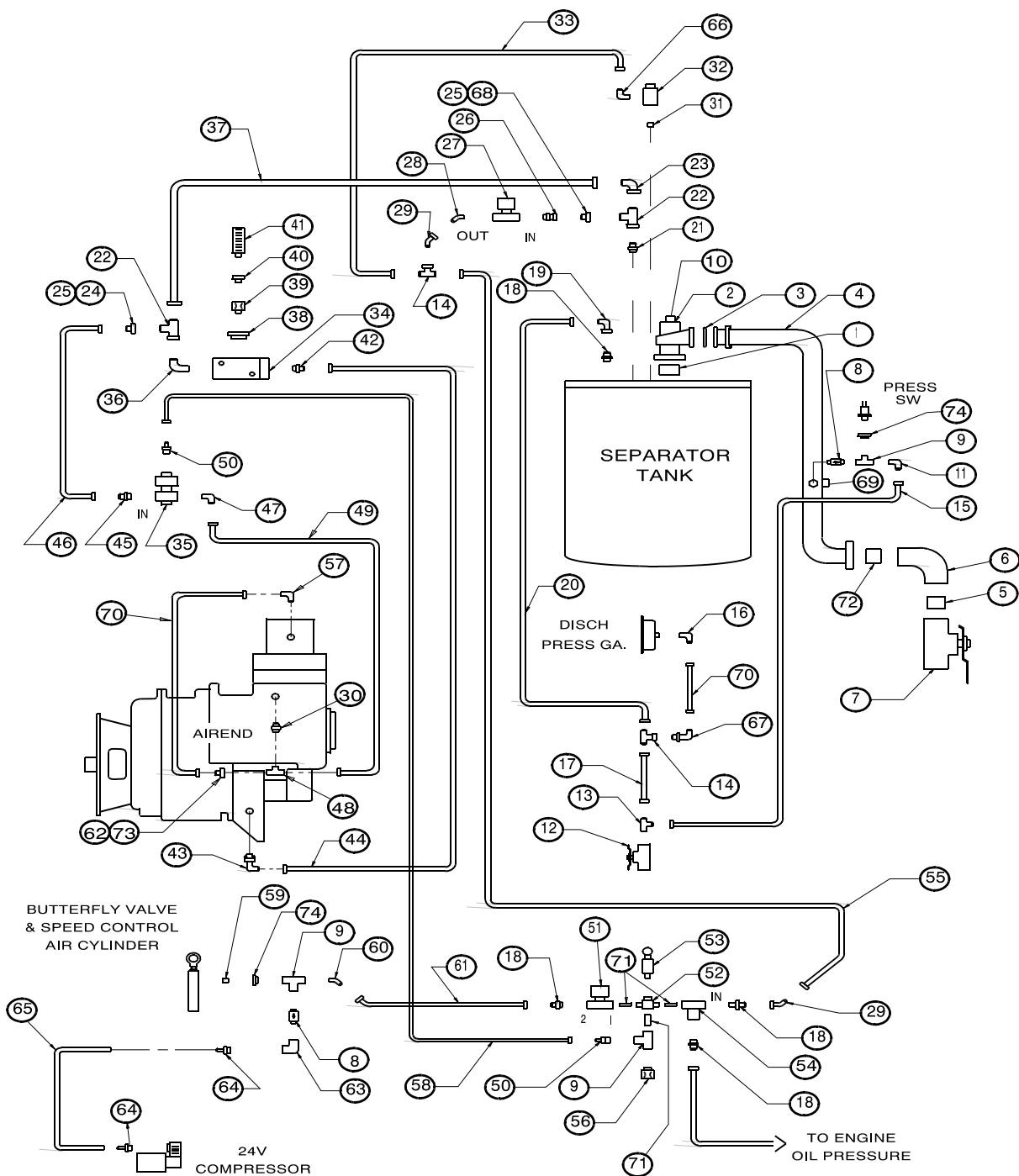
Air Piping



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
28	35294743	Elbow, 45	1	
29	35283100	Elbow, 45	1	
30	35287895	Connector	1	
31	95944575	Nipple	1	
32	35315795	Valve, Regulator	1	
33	35282946	Hose Assembly	1	

Air Piping

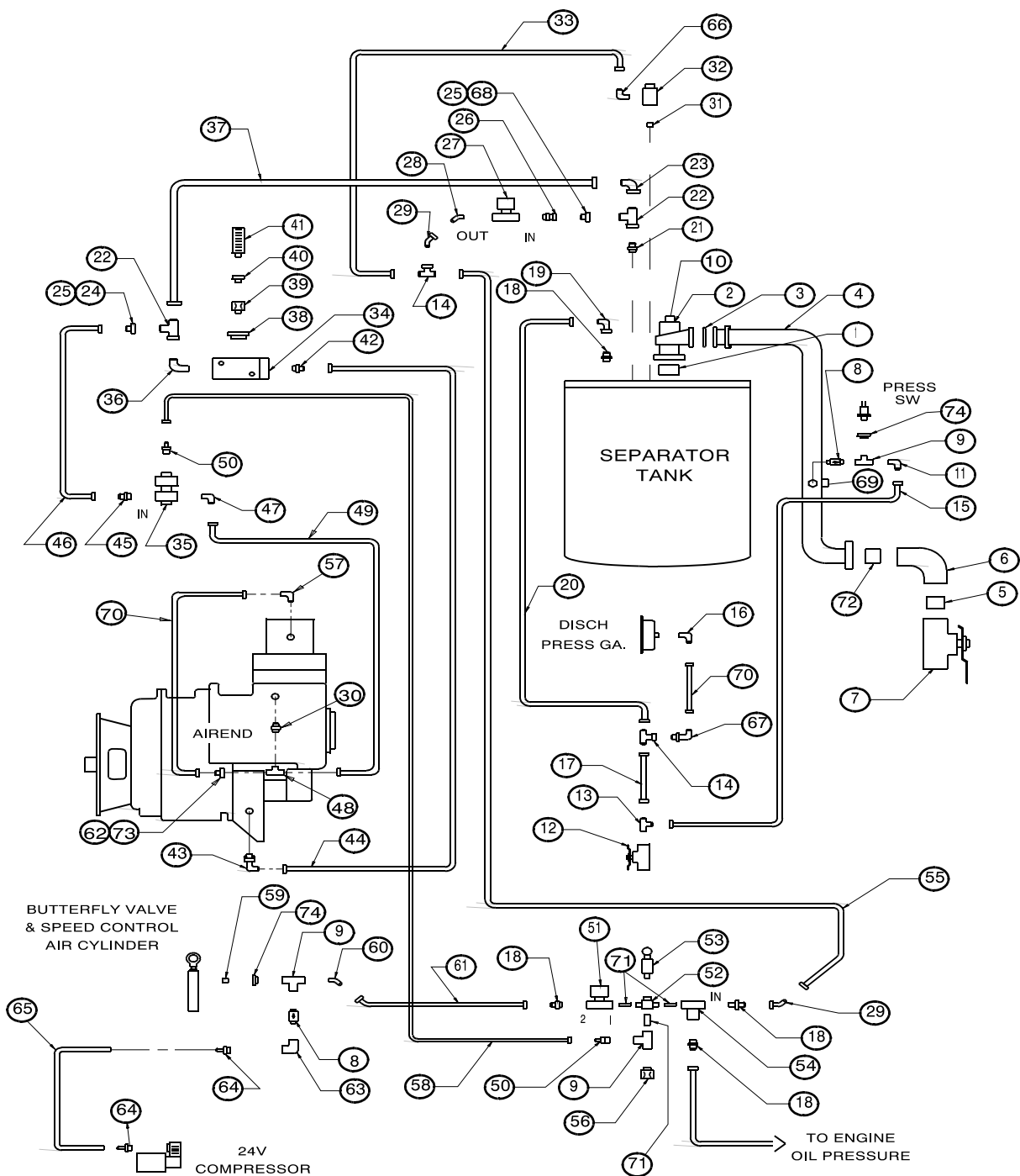
Air Piping



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
34	35849215	Valve, Automatic Blowdown	1	
34a	36842532	Bracket (Not Pictured)	1	
34b	35134550	Screw (Not Pictured)	4	
35	35316405	Valve, Anti-Rumble	1	
36	35294735	Elbow	1	
37	35323807	Hose Assembly	1	
38	95944633	Bushing, Reducing	1	

Air Piping

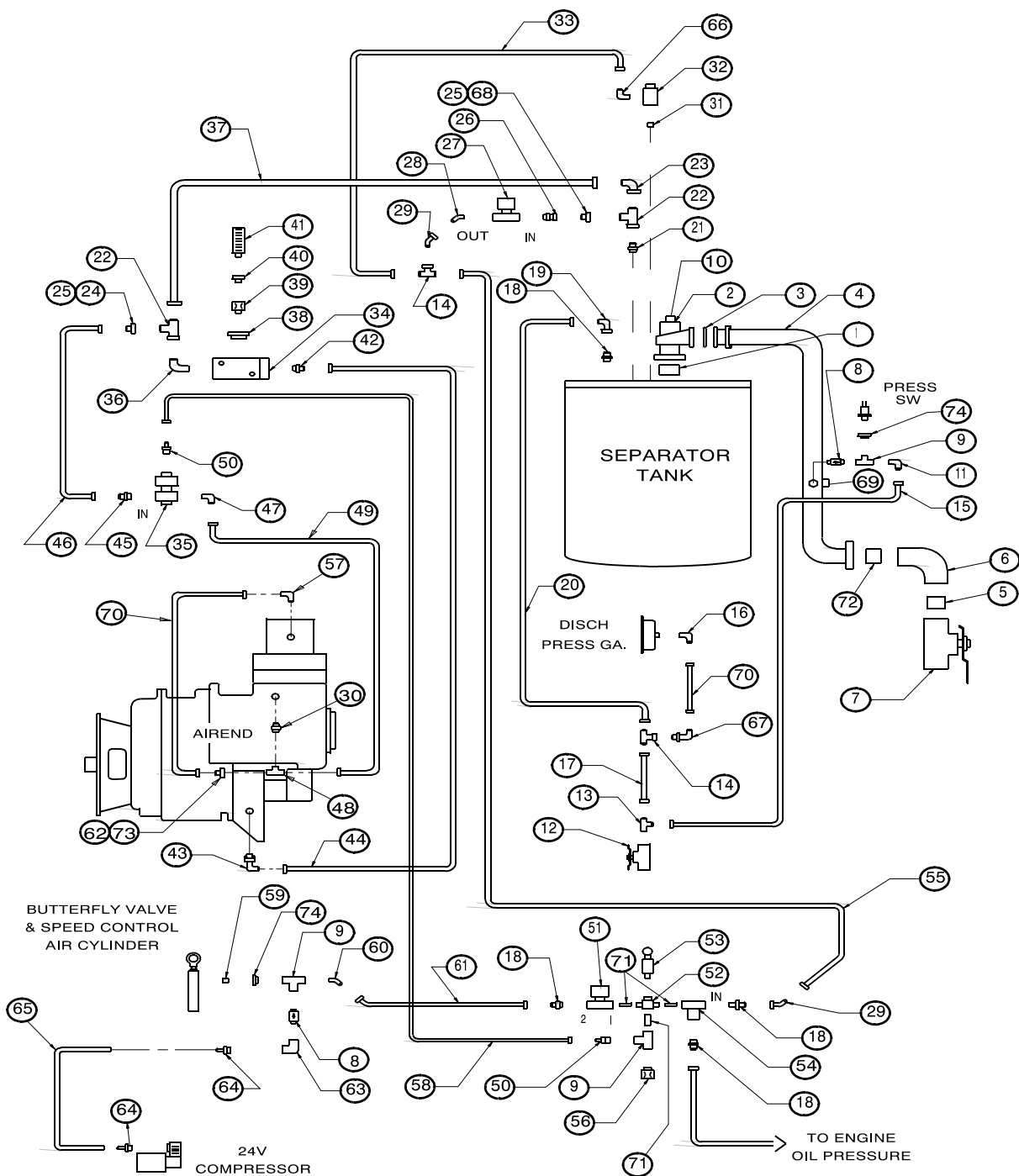
Air Piping



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
39	35322346	Connector, Orifice .156"	1	
40	95948501	Adapter	1	
41	35132299	Silencer	1	
42	35290147	Connector	1	
43	35279827	Elbow, 90	1	
44	35282987	Hose Assembly	1	
45	35286426	Connector	1	

Air Piping

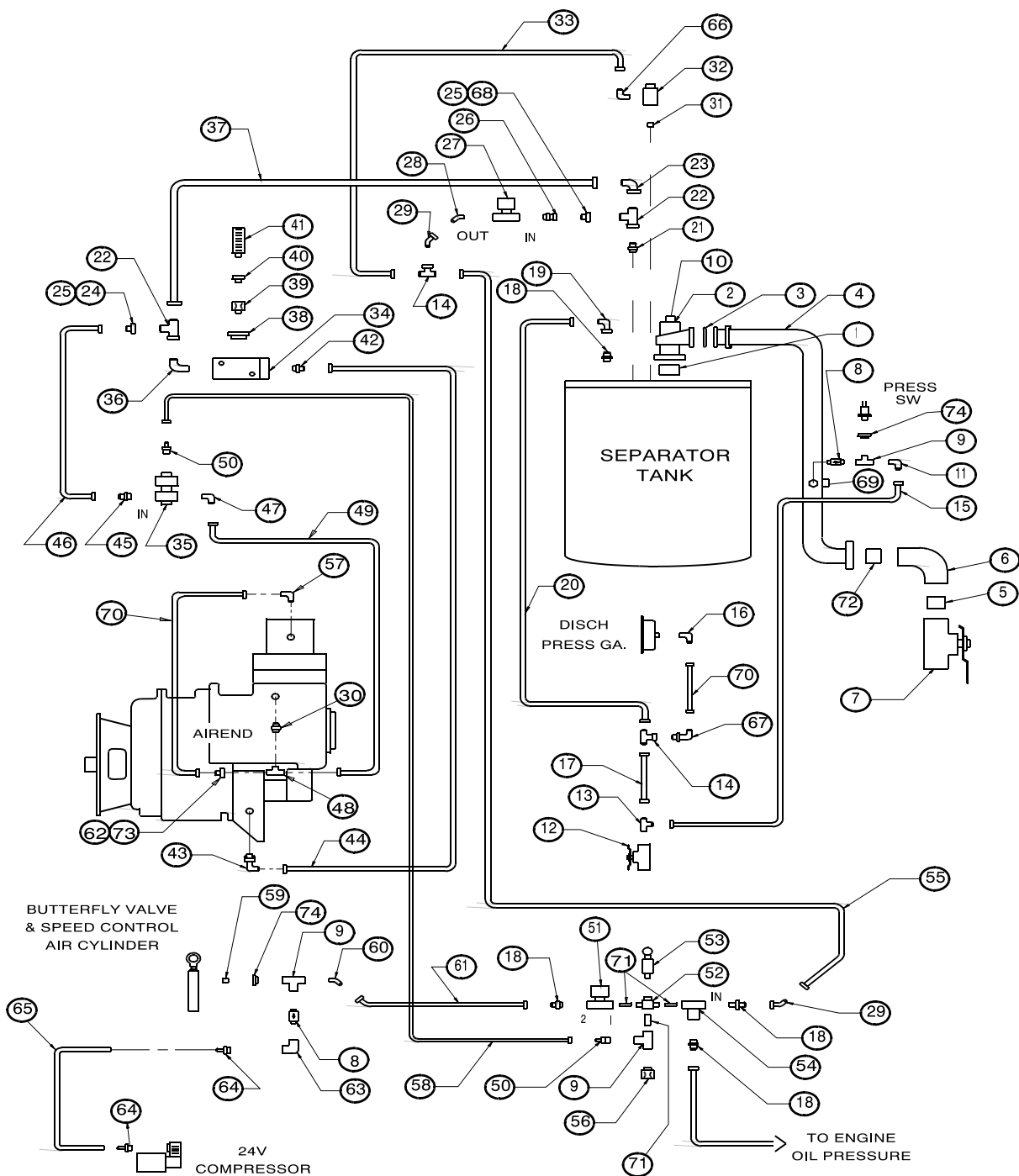
Air Piping



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
46	35252782	Hose Assembly	1	
47	35309210	Elbow, 90	1	
48	95642484	Tee	1	
49	35283308	Hose Assembly	1	
50	35283472	Connector	1	
51	36842318	Valve, Solenoid	1	
51a	36842565	Bracket (Not Pictured)	1	

Air Piping

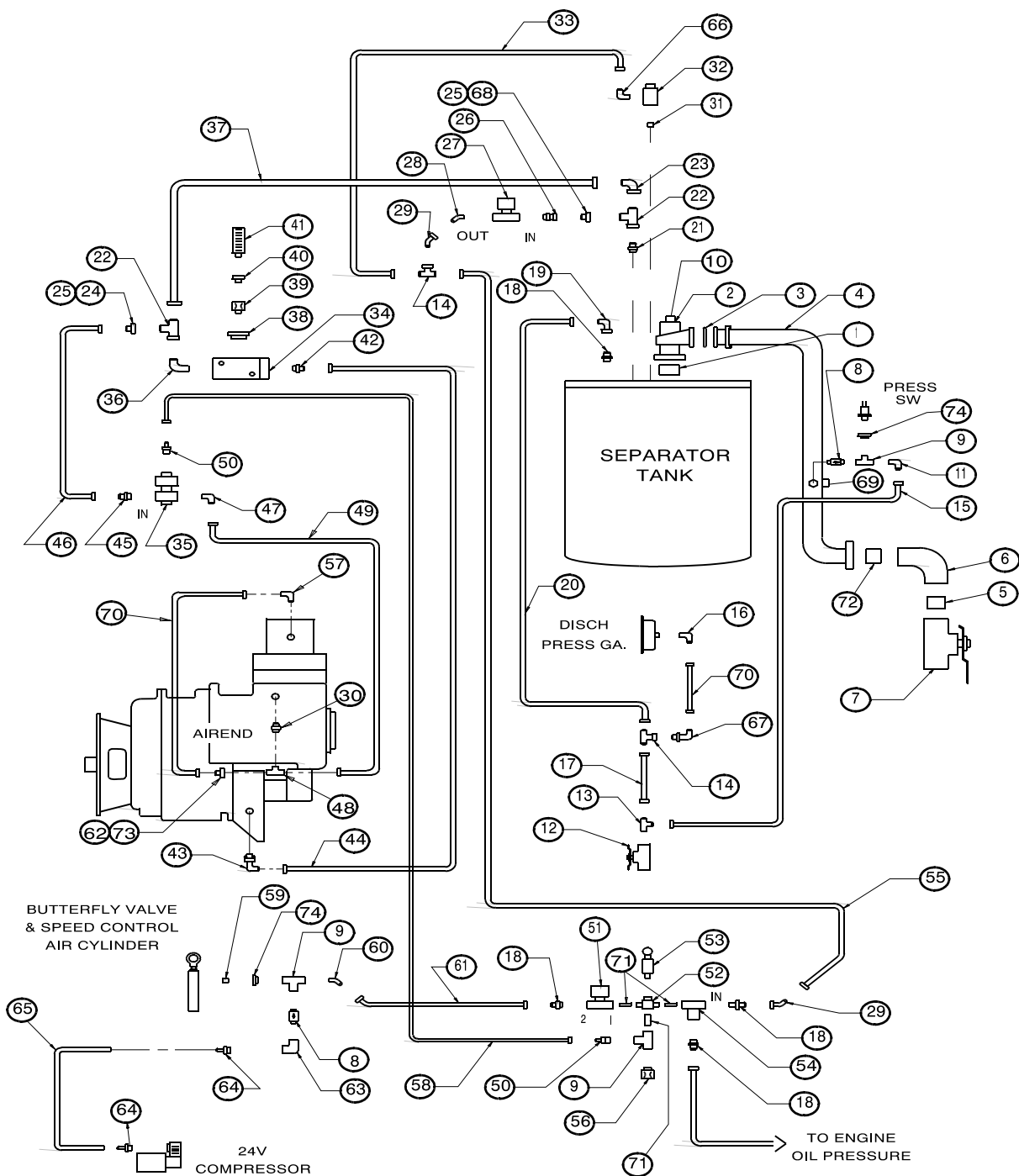
Air Piping



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
52	95954293	Cross	1	
53	35325133	Valve, Safety	1	
54	35322379	Valve, Blowdown	1	
55	35284504	Hose Assembly	1	
56	37081528	Orifice, .063'	1	
57	35283464	Elbow, 90	1	
58	35283258	Hose Assembly	1	

Air Piping

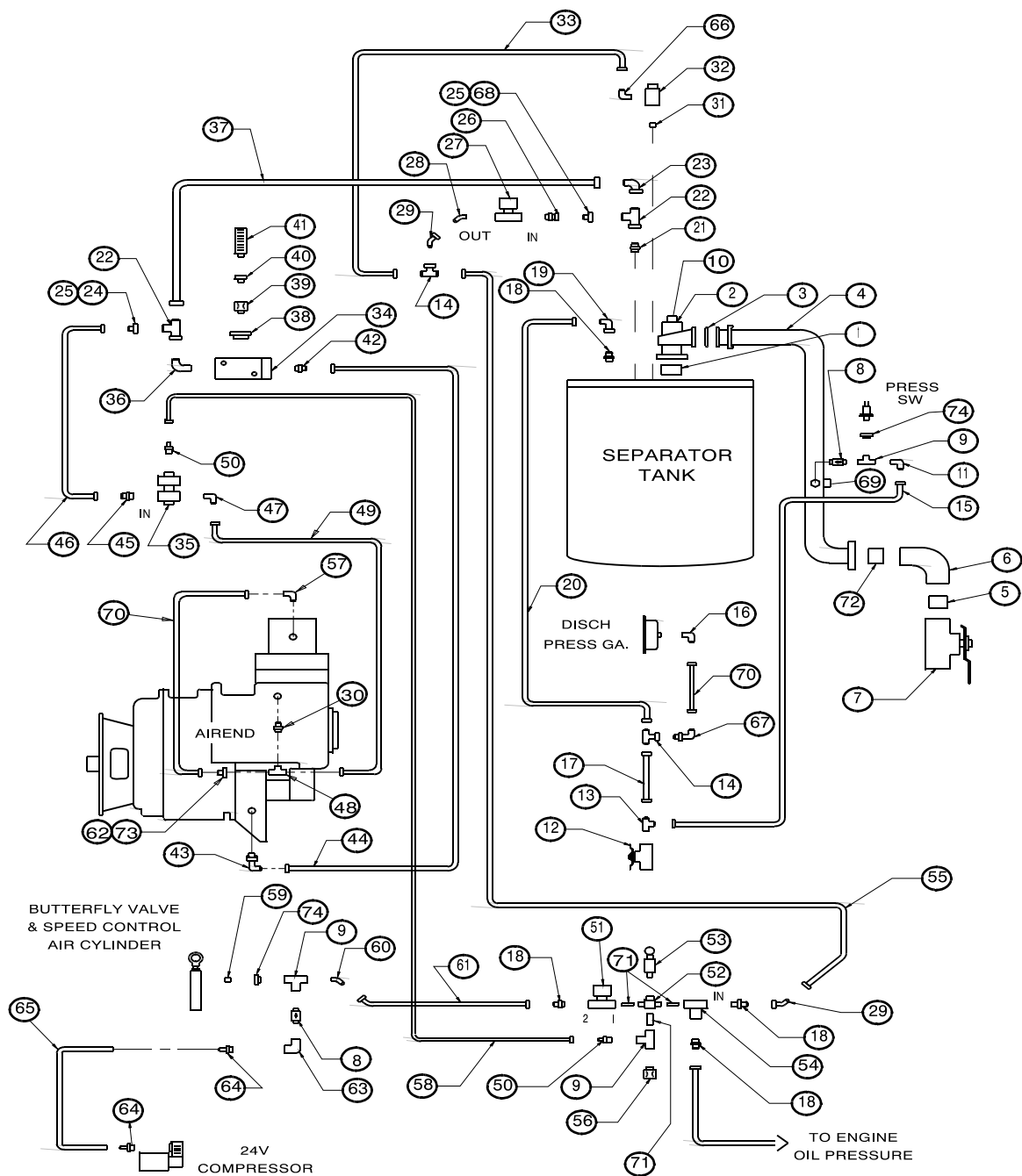
Air Piping



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
59	95953493	Nipple	1	
60	35290253	Elbow, 45	1	
61	35282979	Hose Assembly	1	
62	35299734	Reducer	1	
63	95954095	Elbow	1	
64	35283472	Adapter	1	
65	35282920	Hose Assembly	1	

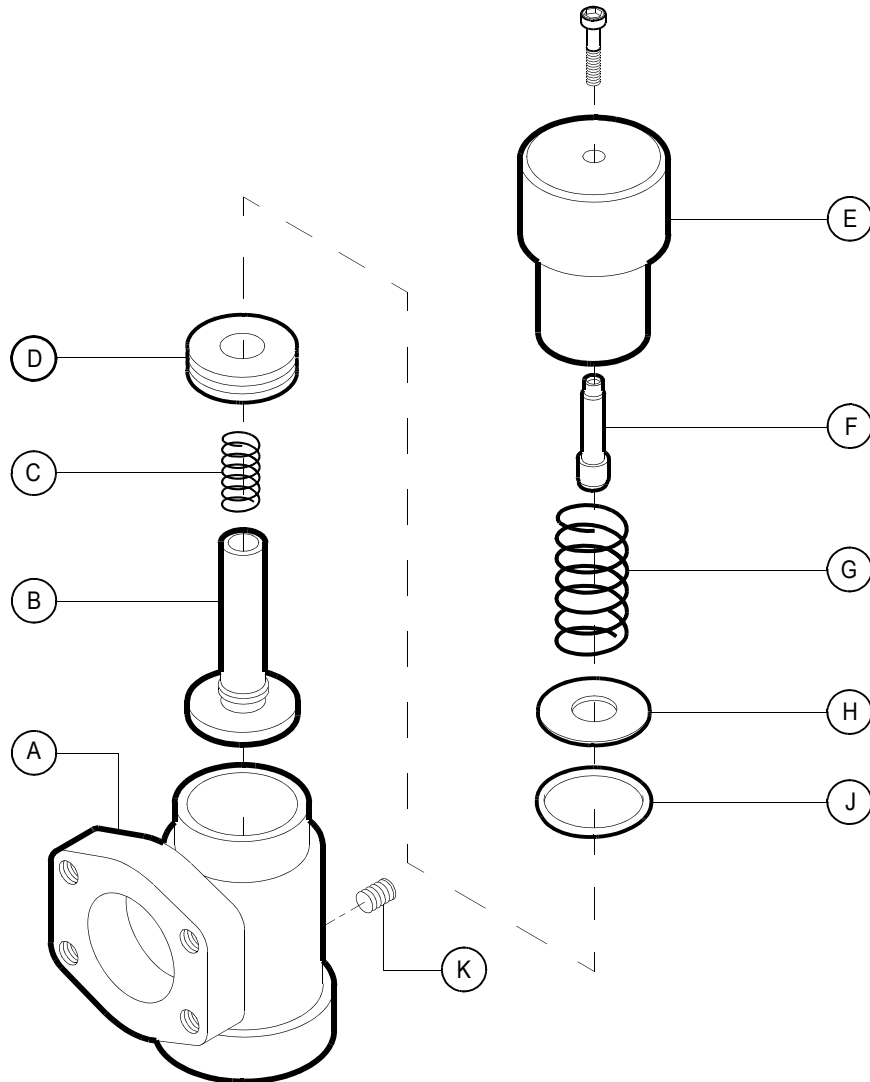
Air Piping

Air Piping



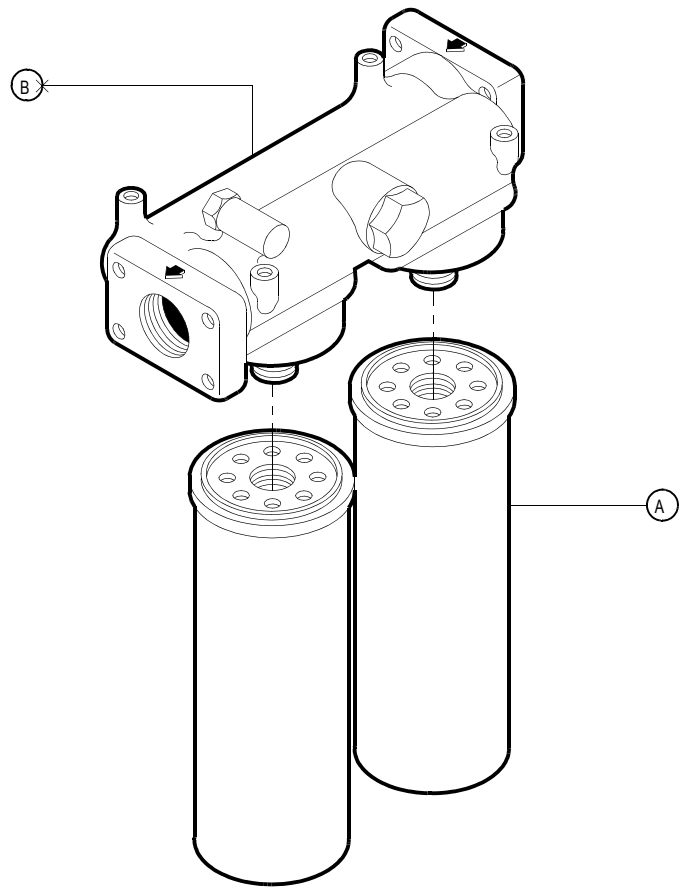
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
66	35301126	Elbow, 90	1	
67	36852499	Elbow, Bulkhead	1	
68	35321165	Reducer, Tube	1	
69	95954038	Plug	1	
70	35282979	Hose Assembly	1	
71	36793776	Nipple	1	
72	54393210	Orifice	1	
73	35296219	Nut, Tube	1	
74	95930301	Bushing, Reducing	1	

Minimum Pressure Check Valve Assembly
Minimum Pressure Check Valve Assembly



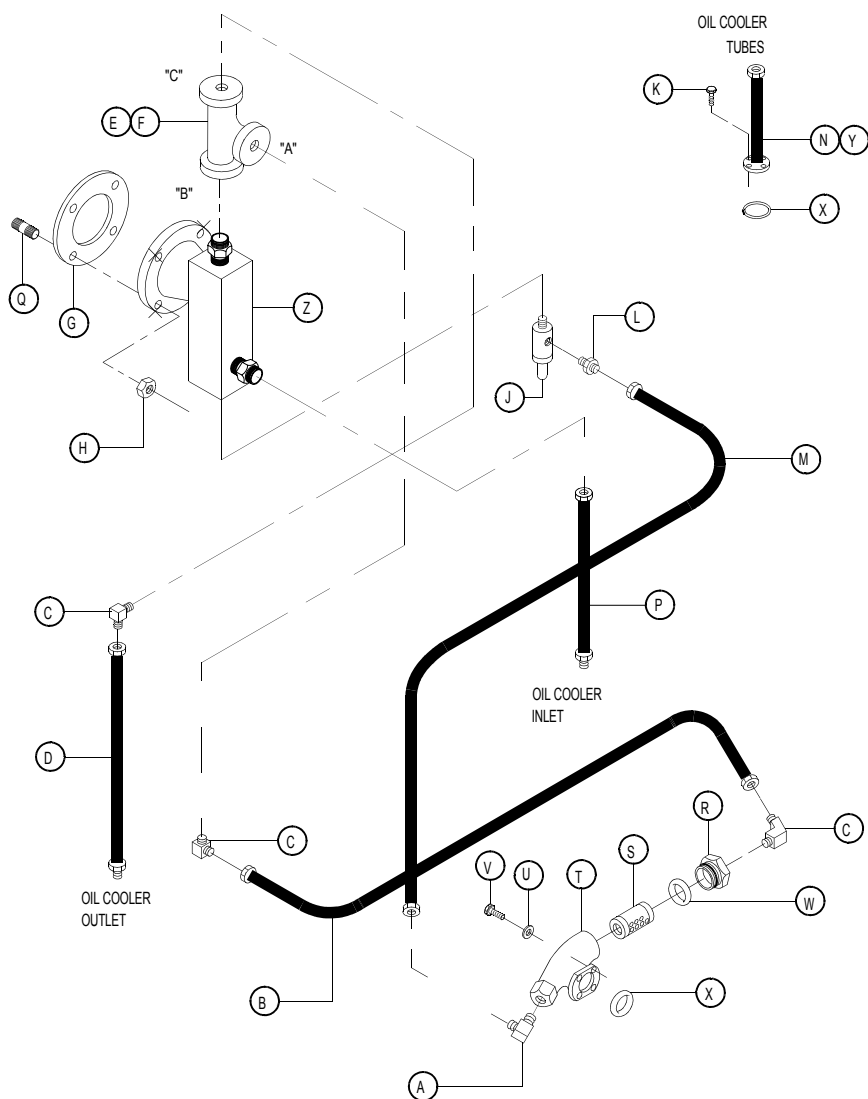
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36792323	Body, Check Valve	1	
B	36792307	Valve, Check	1	
C	36792356	Spring, Check Valve	1	
D	36792315	Piston	1	
E	36792331	Cap	1	
F	36792372	Guide	1	
G	36792349	Spring, Main	1	
H	23088446	Spacer	1	
J	36792364	O-ring	1	
K	95947149	Plug	1	

Oil Filter Assembly
Oil Filter Assembly



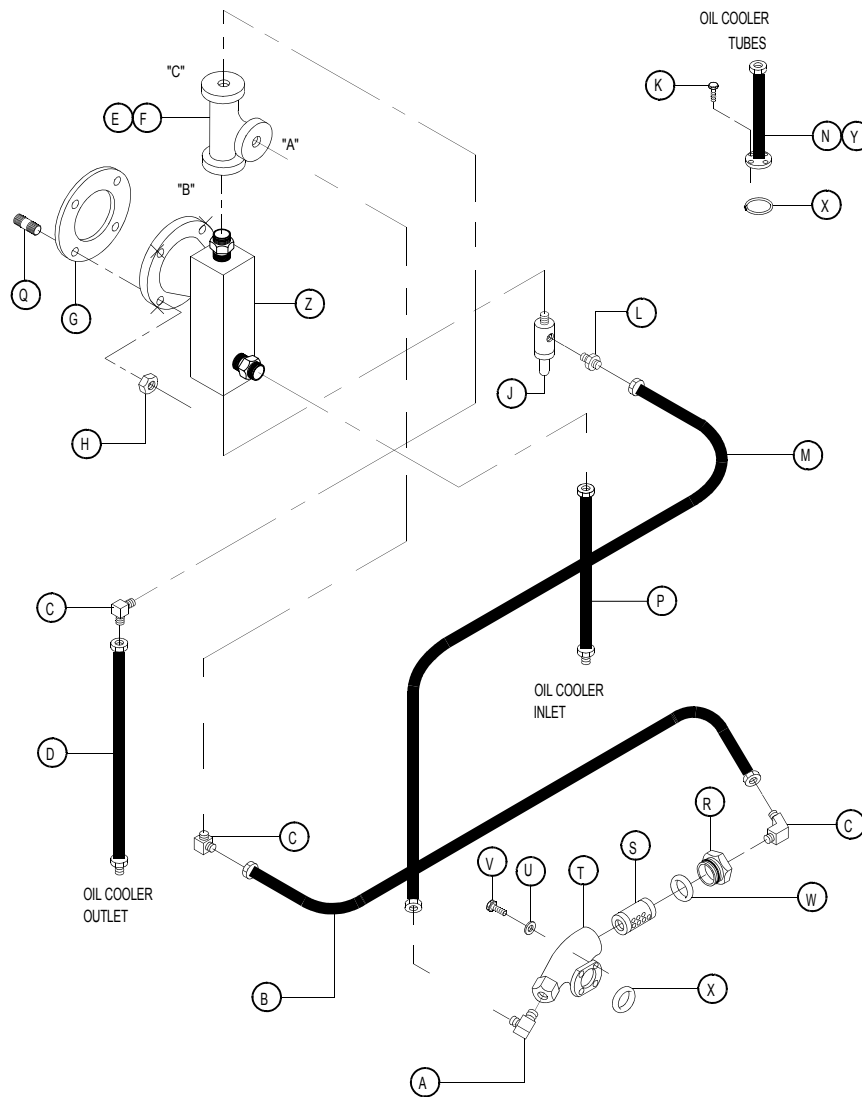
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36860336	Element, Filter	2	
B	36860476	Filter Head Assembly	1	

Oil Piping



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35294750	Elbow, 90	1	As Required
B	35130863	Hose Assembly	1	
C	95431292	Elbow, 90	1	
D	36897825	Tube, Oil Cooler	1	
E	39207402	Thermostat	1	
F	36897940	Valve, Oil Temperature By-pass	1	
G	36786580	Gasket	1	
H	95922928	Nut	1	
J	36885887	Valve, Pressure Relief	1	
K	95920708	Screw	1	
L	95279329	Adapter	1	
M	35141894	Hose Assembly	1	
N	36767978	Tube, Oil Cooler Outlet	1	
P	36897262	Tube, Oil Cooler	1	

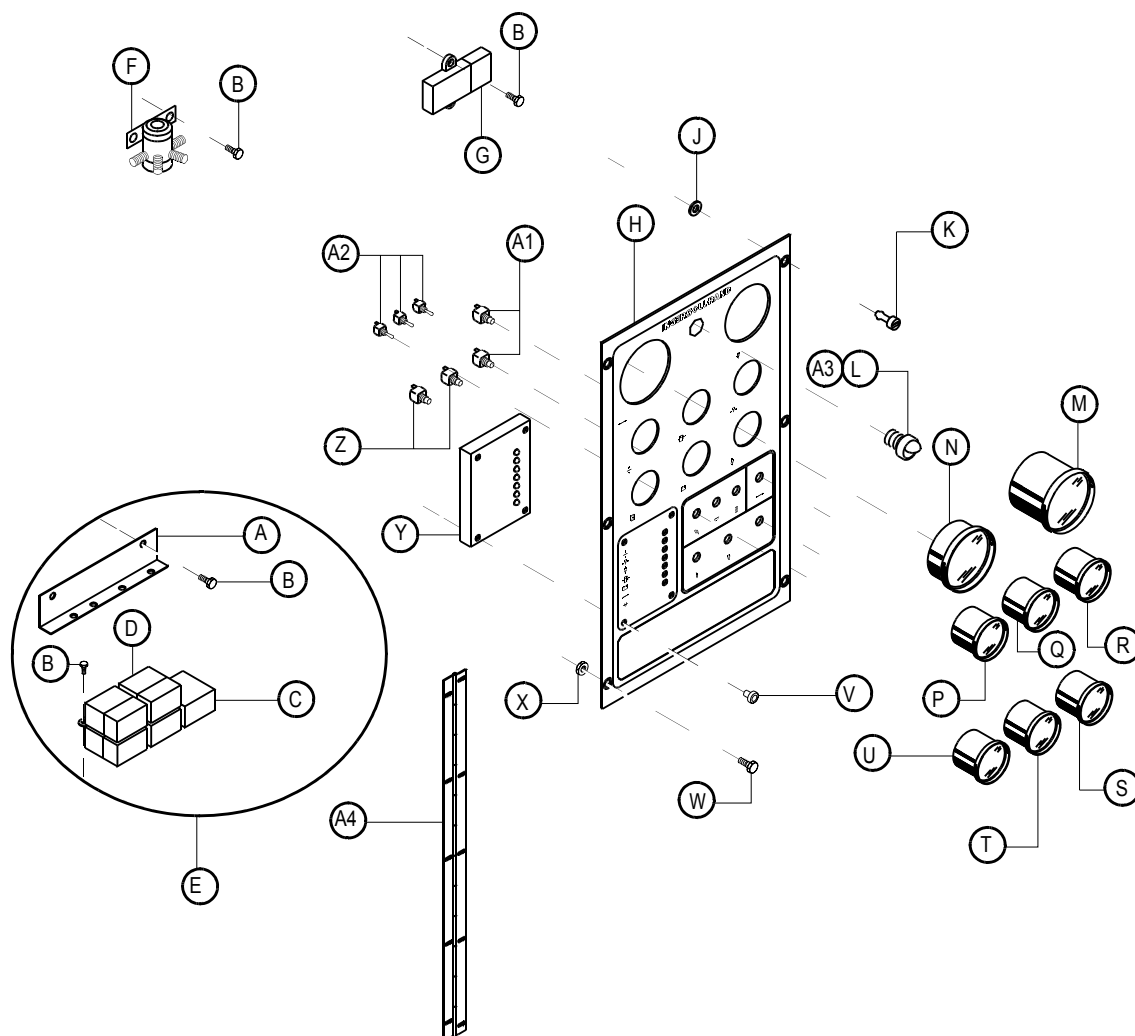
Oil Piping
Oil Piping



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
Q	95937322	Stud	4	
R	35609098	Plug	1	
S	35370063	Element	1	
T	36751295	Body	1	
U	95934733	Washer	1	
V	95104170	Screw	1	
W	35277797	O-ring	1	
X	95357943	O-ring	1	
Y	36767986	Tube, Oil Coolant Inlet	1	
Z	36897155	Manifold, Oil Coolant	1	

Instrument Panel Assembly

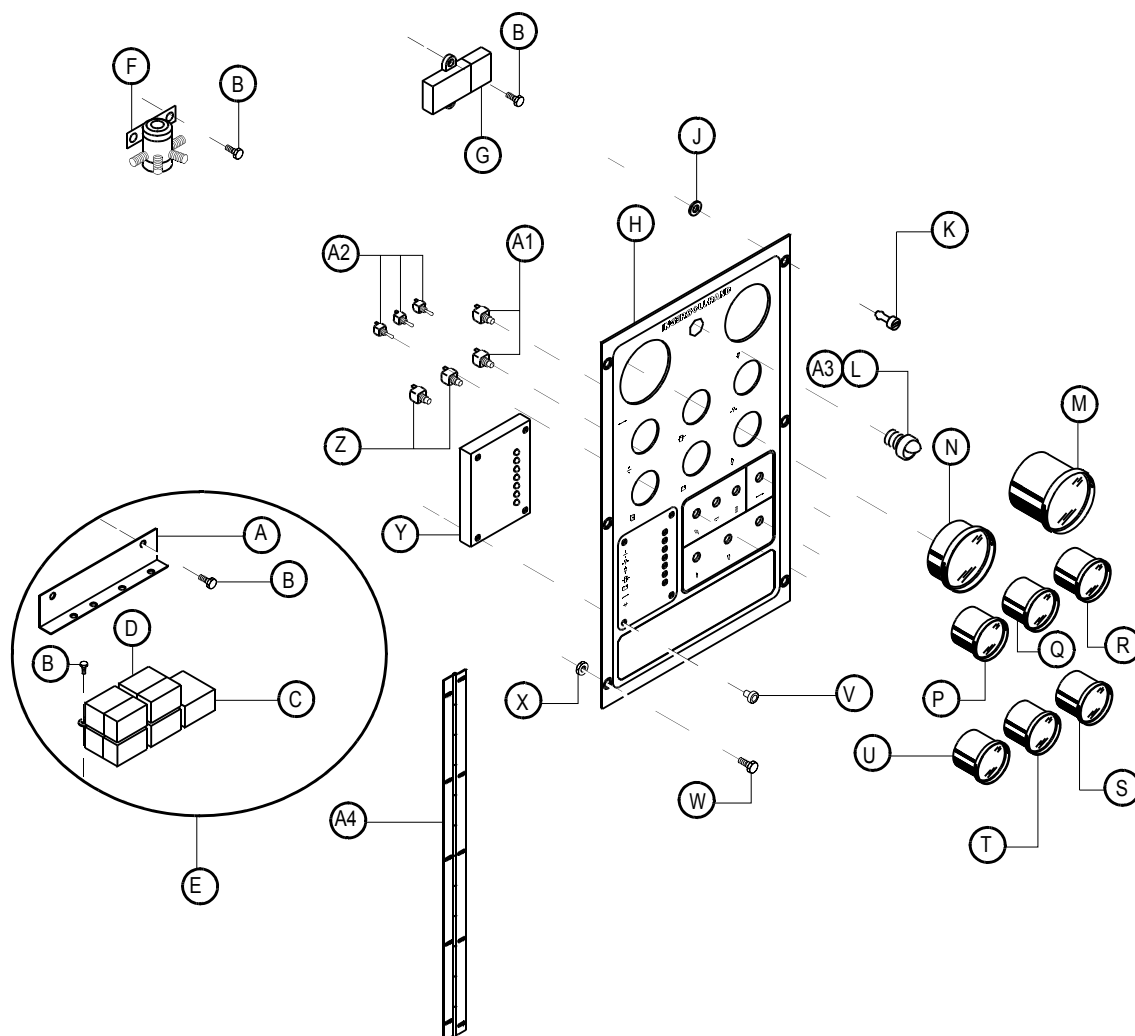
Instrument Panel Assembly



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36840924	Bracket, Relay	1	
B	92368687	Screw	6	
C	36878361	Relay, 12 Volt SPDT	1	
D	36892362	Relay, 12 Volt SPDT	4	
E	36008522	Relay Assembly	1	
F	35577873	Switch, Solenoid	1	
G	35356781	Module, Low Water	1	
H	36870848	Panel, Instrument / Control	1	
J	35256445	Retainer	3	
K	35256429	Stud	3	
L	36841252	Light, Indicator	1	
M	22055883	Tachometer	1	
N	36841468	Gage, Discharge Pressure	1	
P	22942429	Gage, Air Temperature	1	
Q	22773337	Gage, Fuel Level	1	
R	22942411	Gage, Engine Oil Pressure	1	
S	22942429	Gage, Water Temperature	1	Continued.....

Instrument Panel Assembly

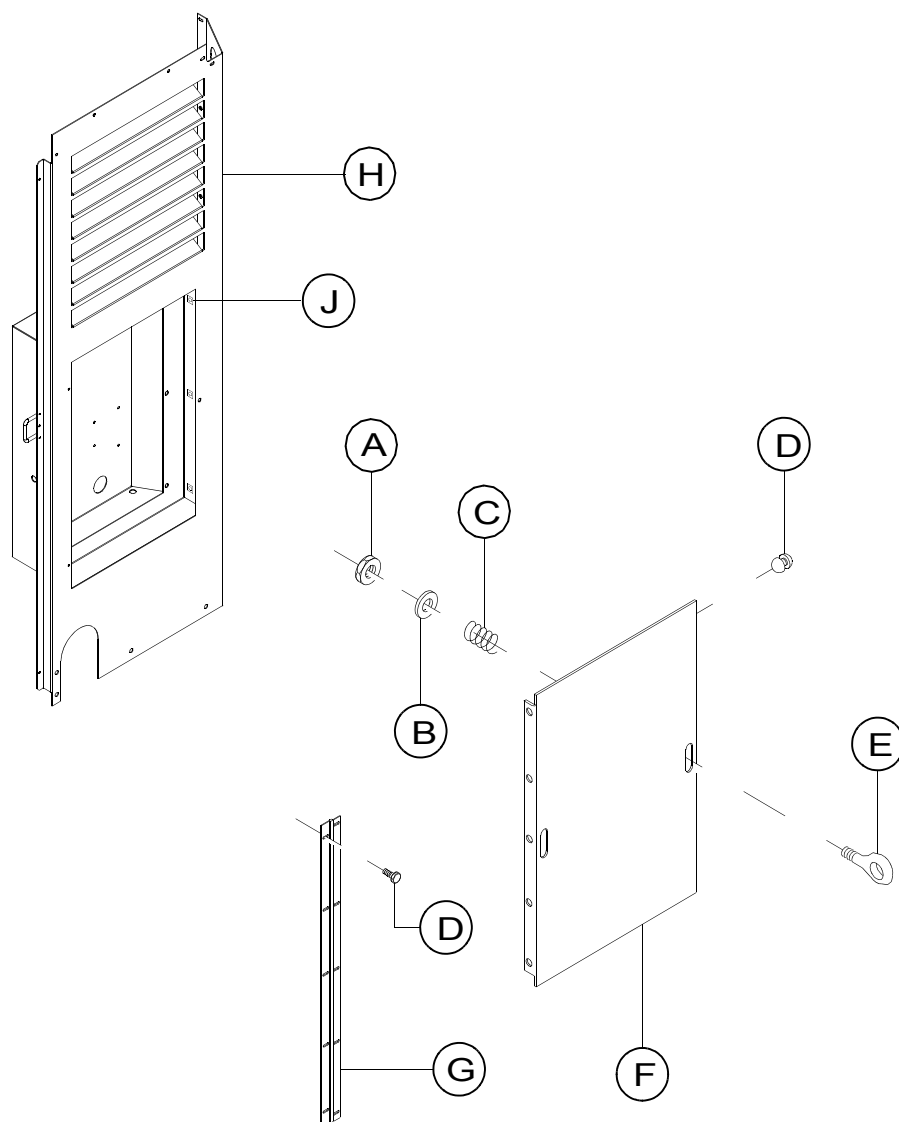
Instrument Panel Assembly



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
T	22692594	Gage, Voltmeter	1	 Continued
U	36841245	Hourmeter	1	
V	36775484	Rivet	4	
W	35365386	Screw	3	
X	35144492	Nut	3	
Y	36771434	Module, Diagnostic	1	
Z	35255553	Switch, Ether / Start	2	
A1	35255561	Switch, Bypass / Air	2	
A2	35337435	Switch, Toggle	3	
A3	35290089	Bulb, Light	1	
A4	36840908	Hinge	1	

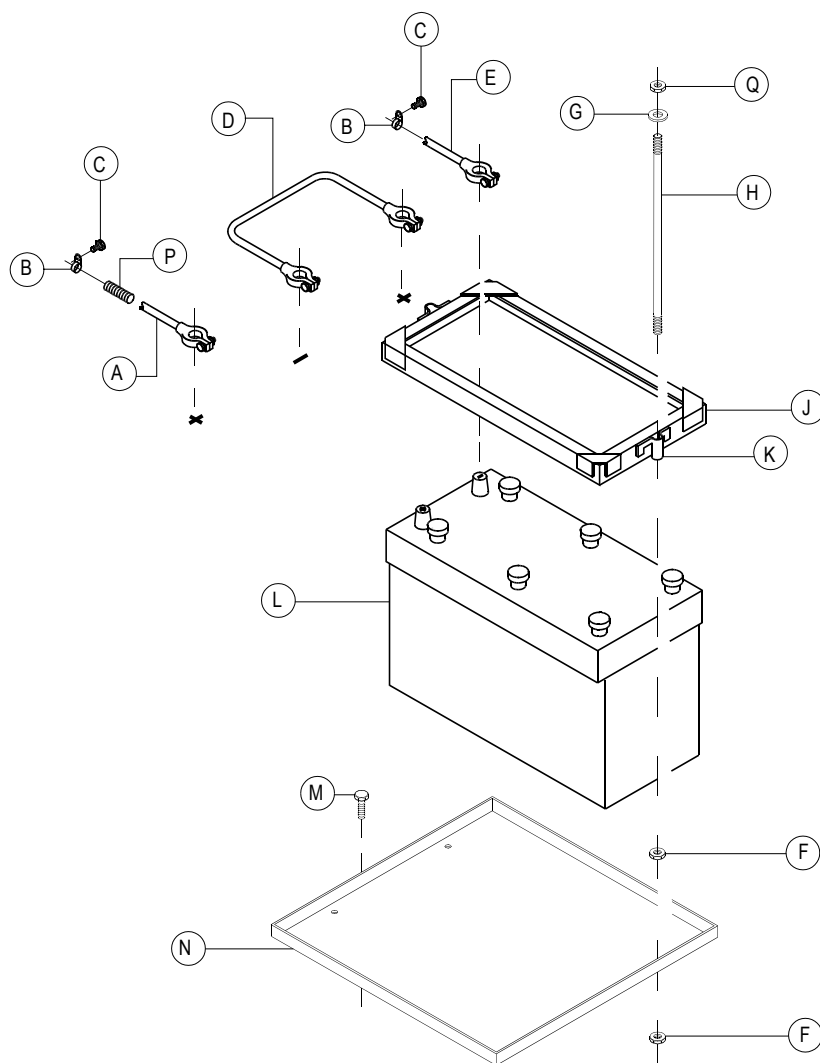
Instrument Panel Assembly

Instrument Panel Assembly



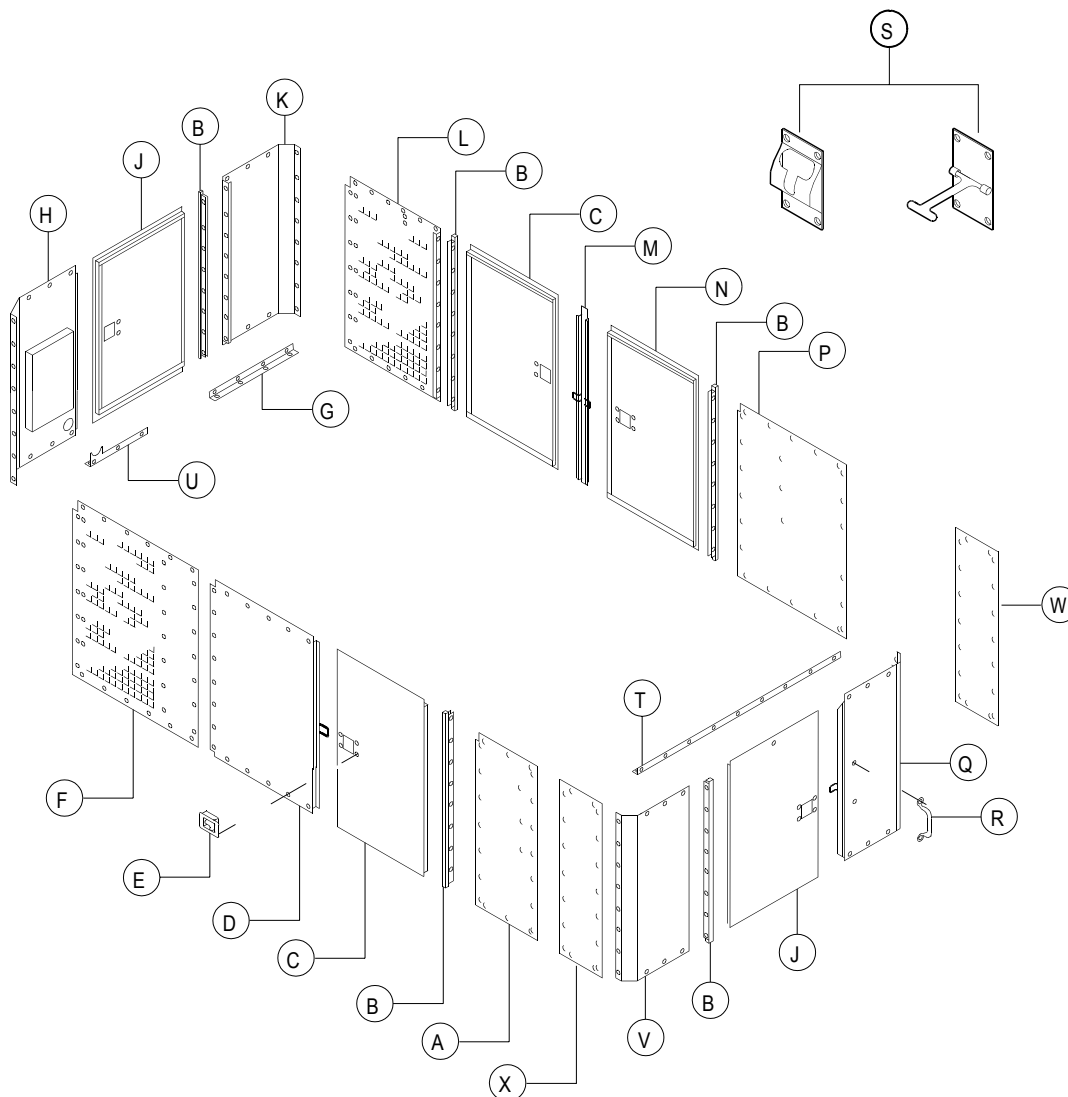
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95923314	Nut	2	
B	95934998	Washer	2	
C	35327311	Spring	2	
D	92368687	Screw	7	
E	35327303	Eyebolt	2	
F	22471882	Door, Instrument Panel	1	
G	36740405	Hinge	1	
H	36863710	Panel, Vertical	1	
J	35256452	Receptacle, Clip-On	3	

Battery & Mounting
Battery & Mounting



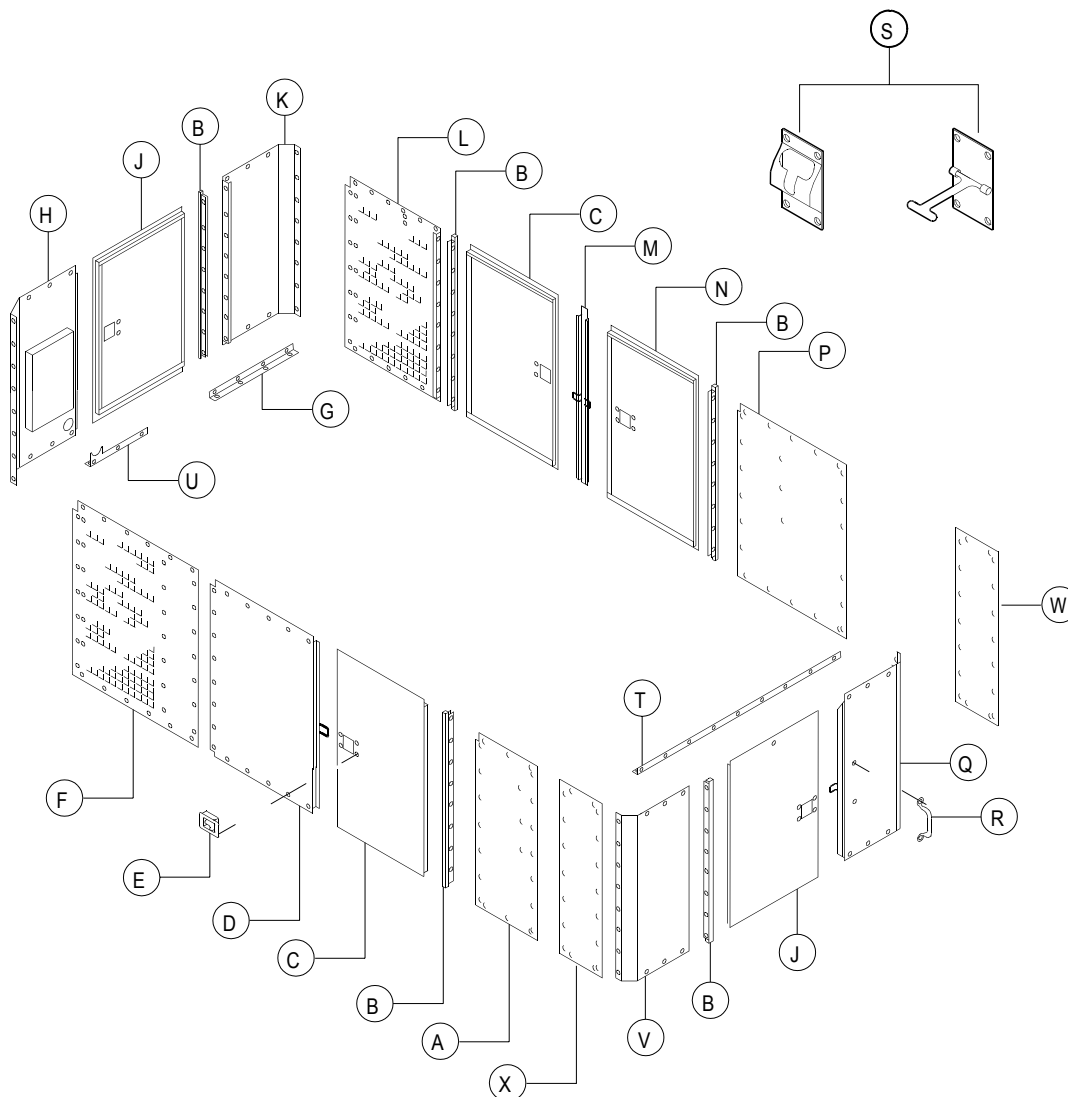
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35579150	Cable, Positive	1	
B	35222538	Clamp	4	
C	35134550	Screw	2	
D	35128982	Cable, Jumper	1	
E	35587088	Cable, Negative	1	
F	35145077	Nut	8	
G	95935037	Washer	4	
H	35608116	Stud	4	
J	35562156	Frame	2	
K	35108216	Clip	4	
L	35225788	Battery	2	
M	92368687	Screw	3	
N	54532858	Tray, Battery	1	
P	35134519	Coil, Plastic (32 inches)	1	
Q	95923322	Nut	4	

Common Enclosure Assembly
Common Enclosure Assembly



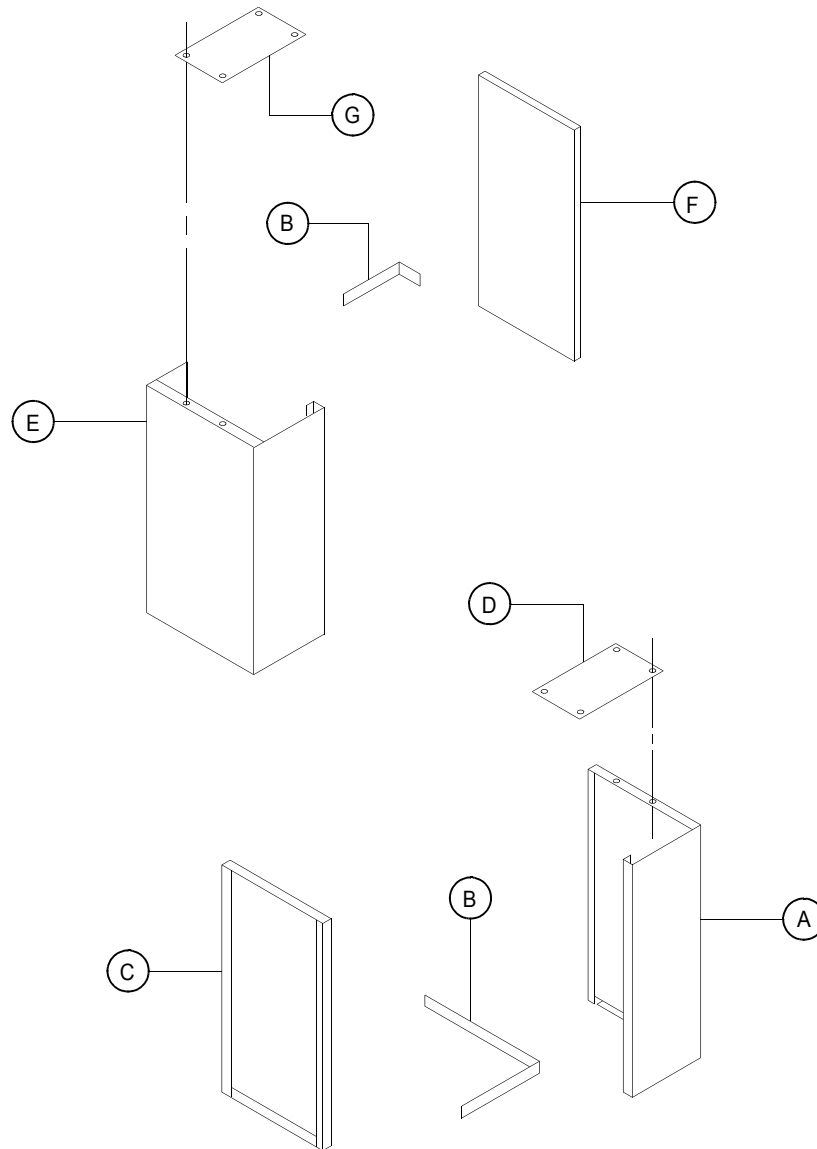
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36793602	Latch, Door Slam	5	Continued.....
B	54576871	Brace, Front Panel	1	
C	22055743	Panel, L.H. Front	1	
D	22055750	Panel, R.H. Front	1	
E	36863363	Door, Front	1	
F	54718184	Brace, Front	6	
G	54587944	Grille, L.H. Front Side	1	
H	36863413	Hinge	5	
J	36863660	Door, Side	1	
K	54587969	Panel, Center	1	
L	36863652	Door, Side	1	

Common Enclosure Assembly
Common Enclosure Assembly



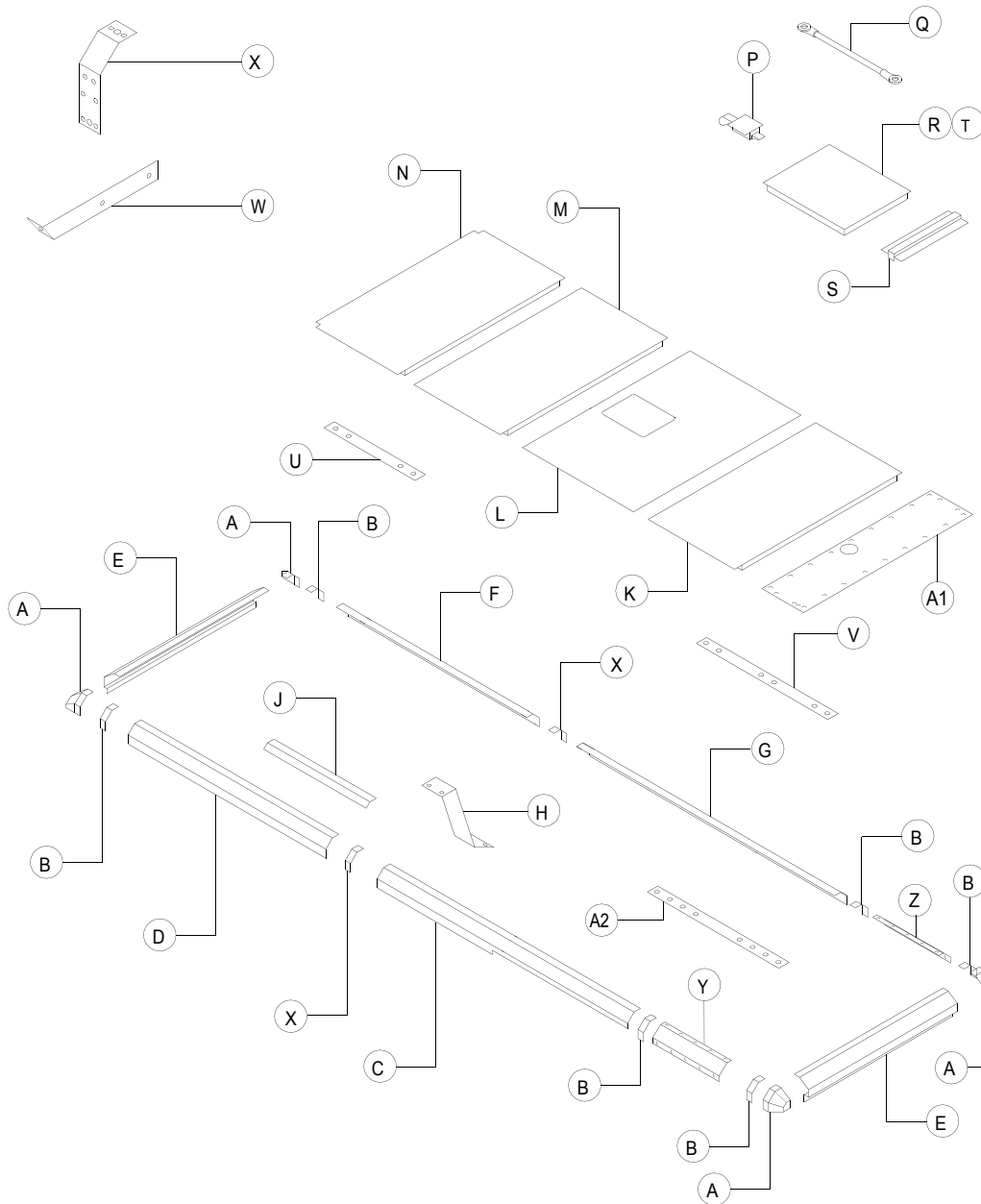
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M	54587977	Panel, L.H. Rear Side	1	Continued
N	54663240	Panel, Rear Side	1	
P	54587985	Panel, R.H. Rear Side	1	
Q	36863371	Angle, Door Drip	6	
R	54587951	Grille, R.H. Front Side	1	
S	36849925	Latch, Door	5	
T	36863322	Angle, Rear Mounting	1	
U	36863645	Angle, Left Front	1	
V	36866044	Panel, Left Rear Corner	1	
W	36865517	Panel, Right Extension	1	
X	36865509	Panel, Left Extension	1	

Interior Baffles
Interior Baffles



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36756070	Baffle, Left Air Intake	1	
B	36764736	Bracket, Splitter Baffle	3	
C	36757714	Baffle, Left Splitter	1	
D	36763878	Bracket, Left Baffle Support	1	
E	36756088	Baffle, Right Air Intake	1	
F	36757722	Baffle, Right Splitter	1	
G	36762912	Bracket, Right Baffle Support	1	

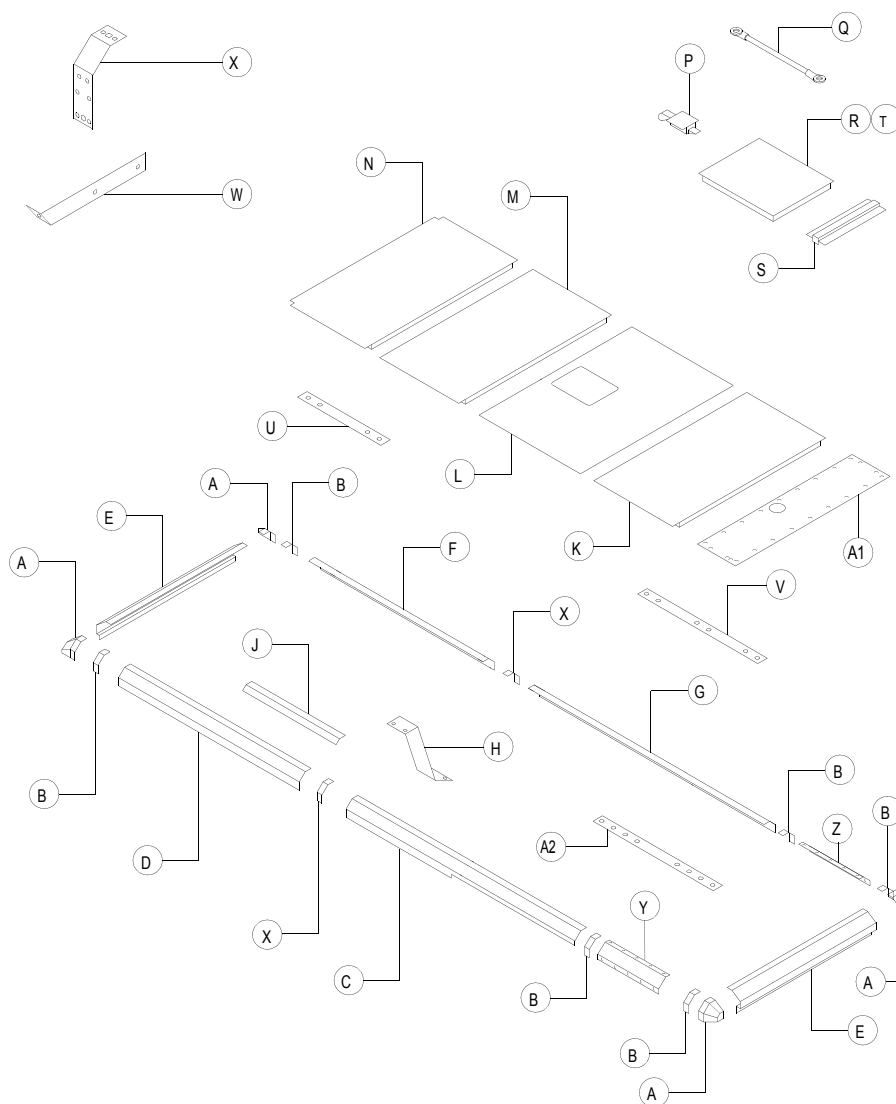
Enclosure Top Panels
Enclosure Top Panels



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36755981	Corner, End Cap	4	Continued.....
B	36755742	Strip, Connector	6	
C	36864023	Channel, Left Rear	1	
D	36863975	Channel, Left front	1	
E	36863355	Channel, Front and Rear	2	
F	36864064	Channel, Right Front	1	
G	36864015	Channel, Right Rear	1	
H	36864312	Bracket, Roof Support	2	
J	36863371	Shield, Door Rain	5	
K	36863991	Panel, Rear Roof	1	
L	36864353	Panel, Center Roof	1	

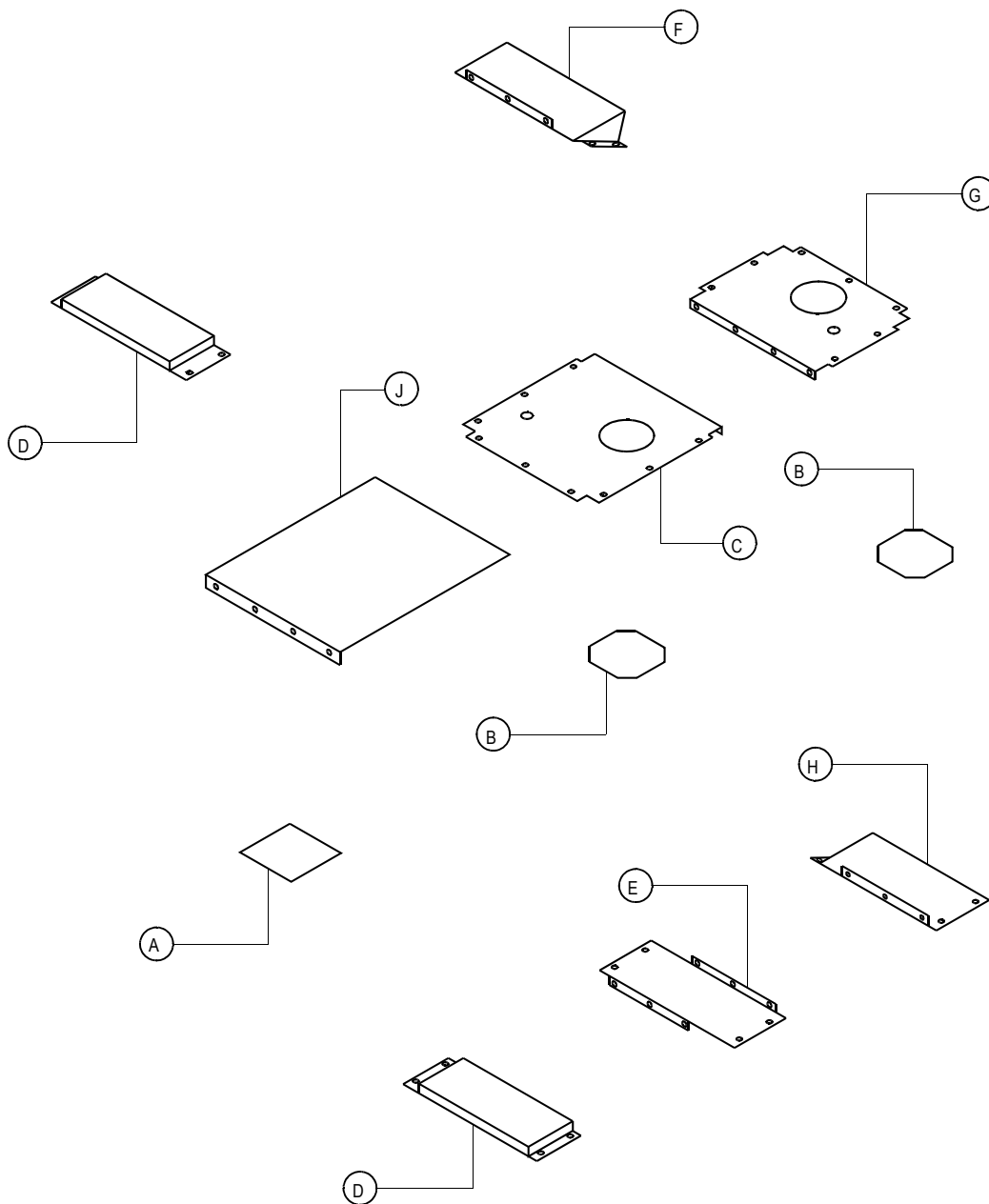
Enclosure Top Panels

Enclosure Top Panels



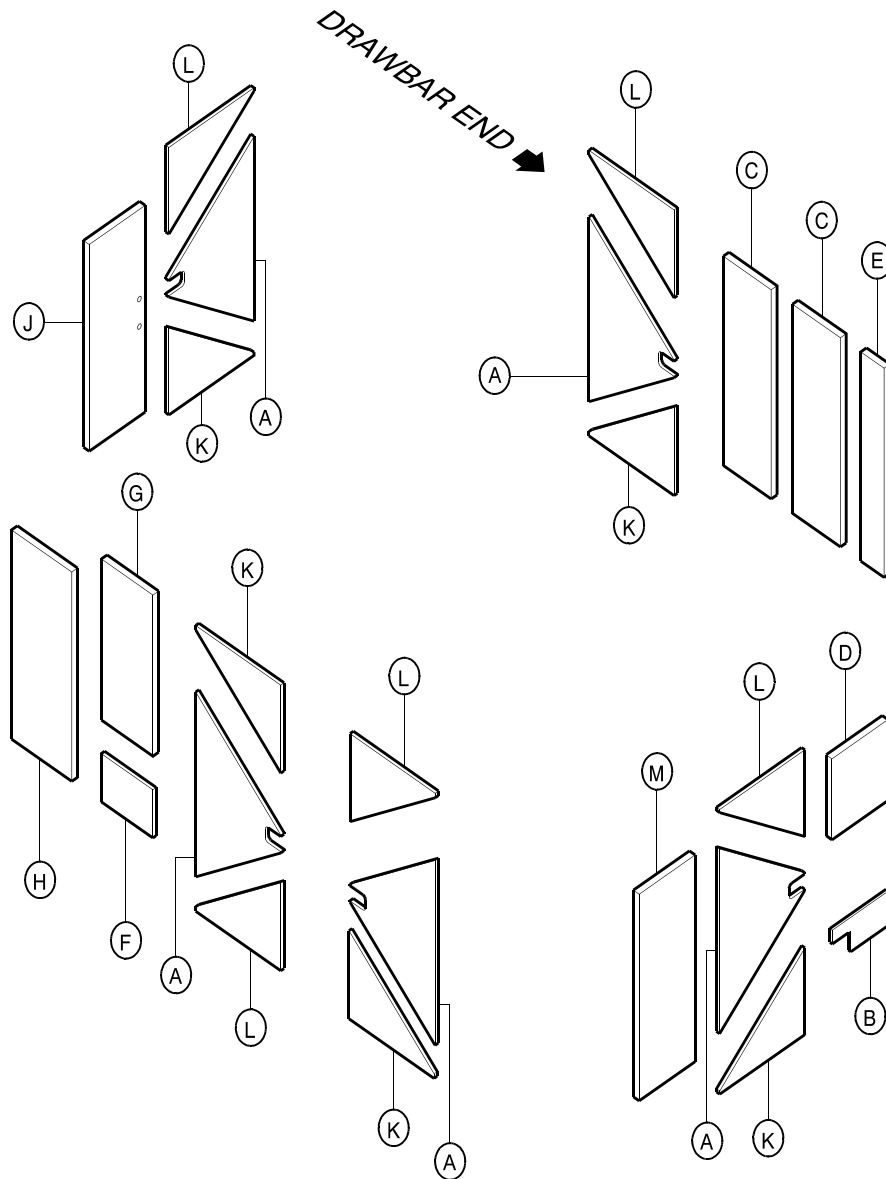
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M	36864007	Panel, Front Middle	1	Continued
N	36863983	Panel, Front Roof	1	
P	35131051	Latch, Door	1	
Q	36864304	Cable, Door	1	
R	36864403	Door, Roof	1	
S	36864288	Hinge, Door	1	
T	36774495	Strip, Door Seal (72.5 inches)	1	
U	36882843	Strap, Acoustic	8	
V	36882850	Strap, Acoustic	5	
W	36887933	Bracket, Rear Roof Channel	1	
X	36887925	Strip, Connector	2	
Y	36865525	Channel, Left Extension	1	
Z	36865533	Channel, Right Extension	1	
A1	36897866	Panel, Roof Extension	1	
A2	36882314	Strap, Roof Retainer	2	

Belly Pans
Belly Pans



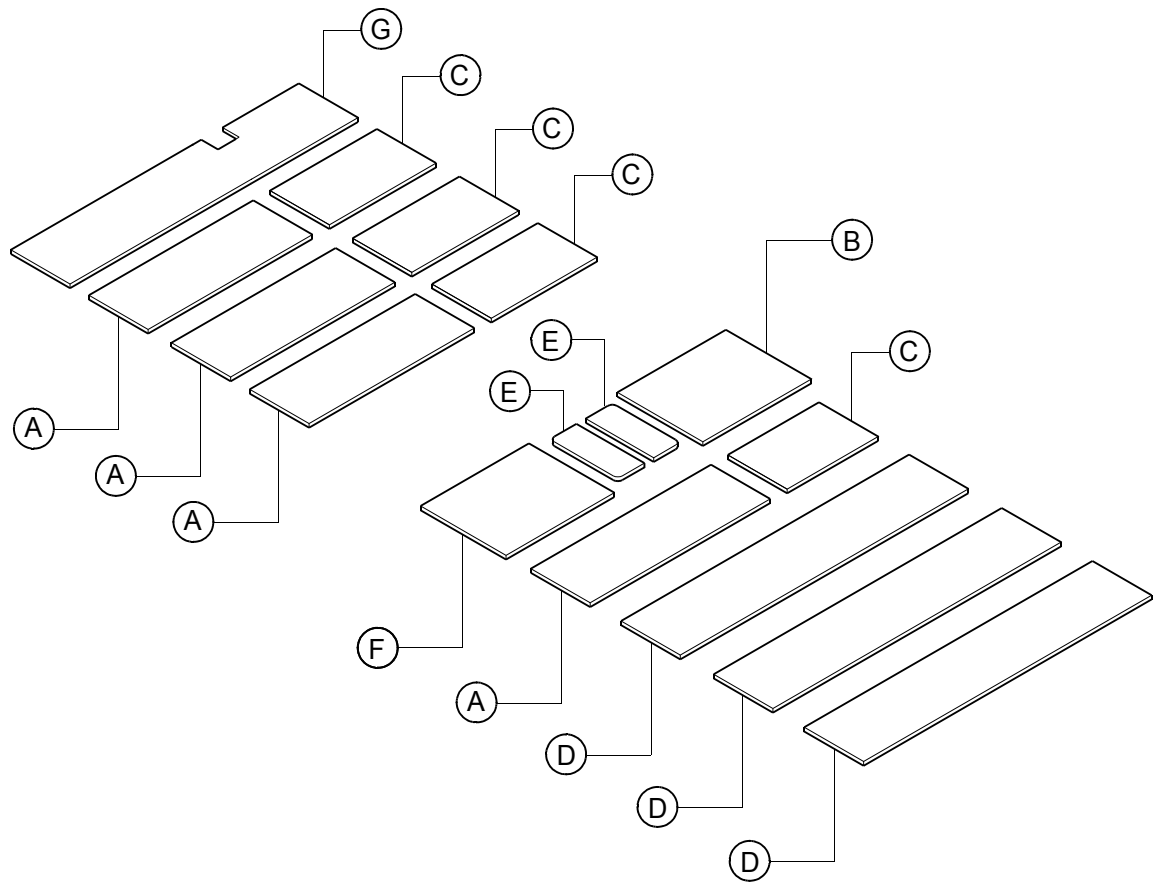
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36798445	Cover, Radiator Hose	1	
B	35279413	Cover, Access	2	
C	36764066	Cover, Engine Rear	1	
D	36758548	Cover, Front Frame	2	
E	36781714	Cover, Rear Fuel	1	
F	36759496	Cover, Rear Frame	1	
G	36758373	Cover, Engine Front	1	
H	36759504	Cover, Rear Frame	1	
J	23046428	Pan, Air End	1	

Acoustical Panels
Acoustical Panels



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36864593	Foam, Center Door	5	
B	36864536	Foam, Left Front Bottom	1	
C	36864551	Foam, Left Front Side	2	
D	36864528	Foam, Left Front Top	1	
E	36864544	Foam, Left Front Side	1	
F	36864502	Foam, Right Bottom	1	
G	36864510	Foam, Right Top	1	
H	36864445	Foam, Right and Left Rear	1	
J	36864460	Foam, Right Rear Corner	1	
K	36864619	Foam, Front and Rear Door	5	
L	36864601	Foam, Front and Rear Door	5	
M	36864452	Foam, Front and Rear Corner	1	

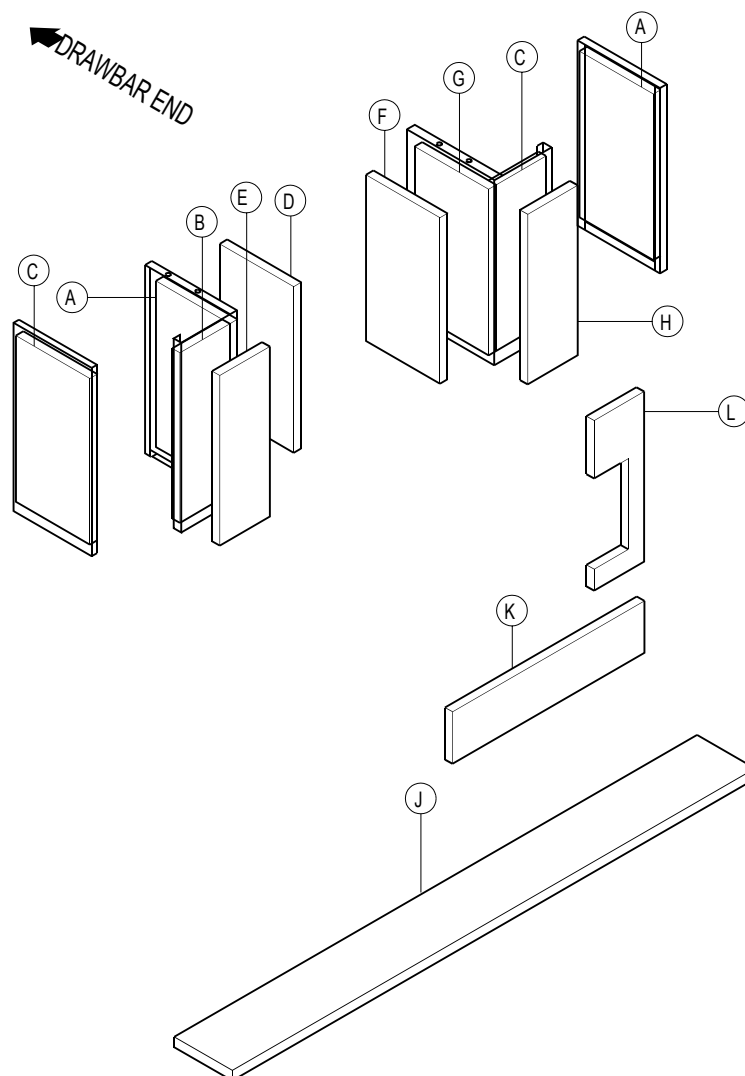
Acoustical Top Panels
Acoustical Top Panels



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36882827	Foam, Top	4	
B	36882801	Panel, Top Fiberglass	1	
C	36882835	Panel, Top Fiberglass	4	
D	36864411	Foam, Top Panel	3	
E	36864437	Foam, Top Door	2	
F	35864429	Foam, Top Center Panel	1	
G	36897874	Foam, Top Exhaust Plenum Baffle	1	

Baffle Wall Foam

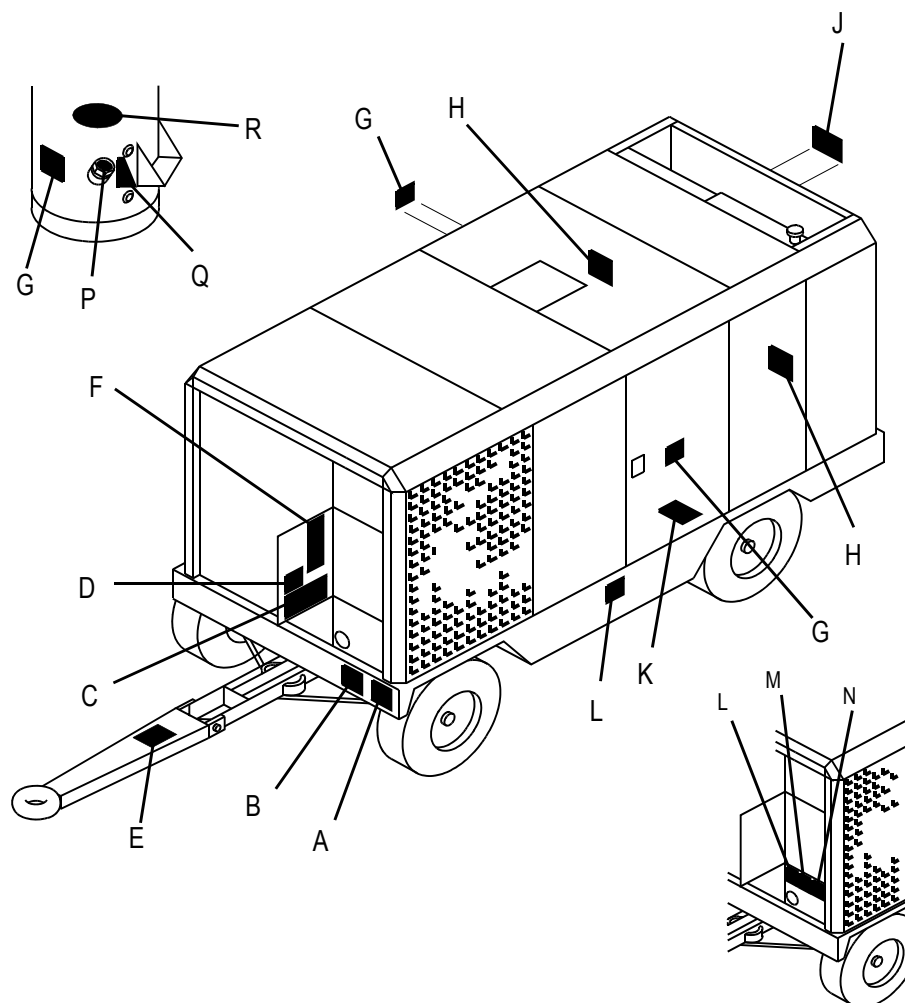
Baffle Wall Foam



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36757938	Acoustic Panel, Left Front Inlet Baffle / Right Splitter	2	
B	36757920	Acoustic Panel, Left Front Inlet Baffle	1	
C	36757946	Acoustic Panel, Right Front Inlet Baffle / Left Splitter	2	
D	36797470	Acoustic Panel, Left Front Inlet Baffle	1	
E	36882777	Acoustic Panel, Left Front Inlet Baffle	1	
F	36797496	Acoustic Panel, Right Front Inlet Baffle	1	
G	36757953	Acoustic Panel, Right Front Inlet Baffle	1	
H	36797504	Acoustic Panel, Right Front Inlet Baffle	1	
J	36763464	Acoustic Panel, Bottom Shroud	1	
K	36788008	Acoustic Panel, Center Frame	1	
L	36797546	Acoustic Panel, Right Rear Baffle (Cooler Side)	1	

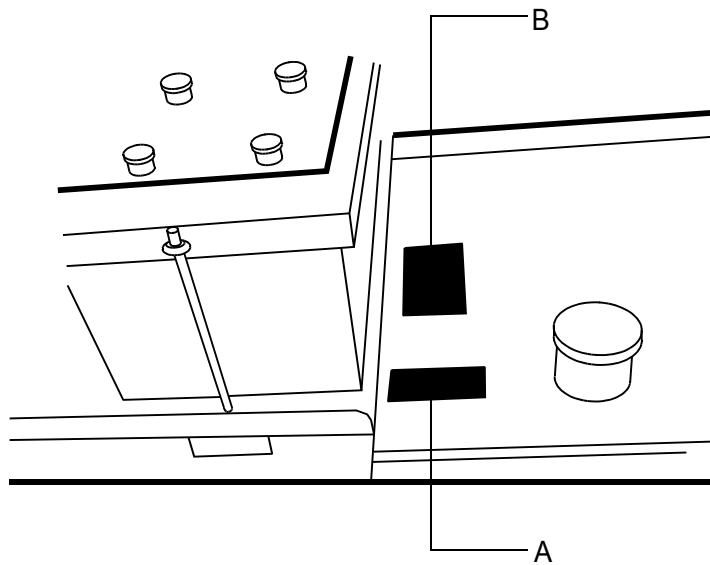
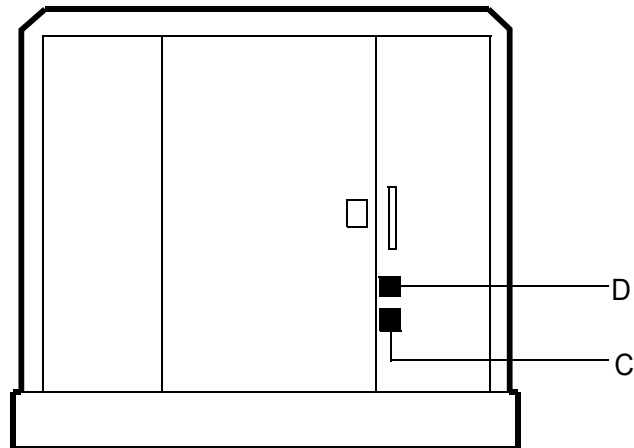
Decal Location

Decal Location



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54629902	3-Part Warning Decal	1	
B	36508976	Trapped Air Decal	1	
C	36522290	Safety Card Laminate	1	
D	54568787	Improper Operation Decal	1	
E	22055701	Towing Decal	1	
F	36517134	Pressure Adjusting Decal	1	
G	54568795	High Pressure Air Decal	1	
H	54568779	Rotating Fan Decal	4	
J	54568761	High Pressure Fluid Decal	1	
K	54625207	Diesel Fuel Decal	1	
L	54699400	Lift Point Decal	1	
M	35821883	Breathing Air Decal	1	
N	36514602	EPA Decal	1	
P	54604970	Oil Fill Decal	1	
Q	22383319	Oil Level Decal	1	
R	54640040	XHP-605 Oil Decal	1	

Decal Location
Decal Location



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54604988	Door Under Pressure Decal	1	
B	54625207	Diesel Fuel Decal	2	
C	54604988	Door Under Pressure Decal	1	
D	54604939	Fall Off Roof Decal	1	

Wiring Parts List
Wiring Parts List

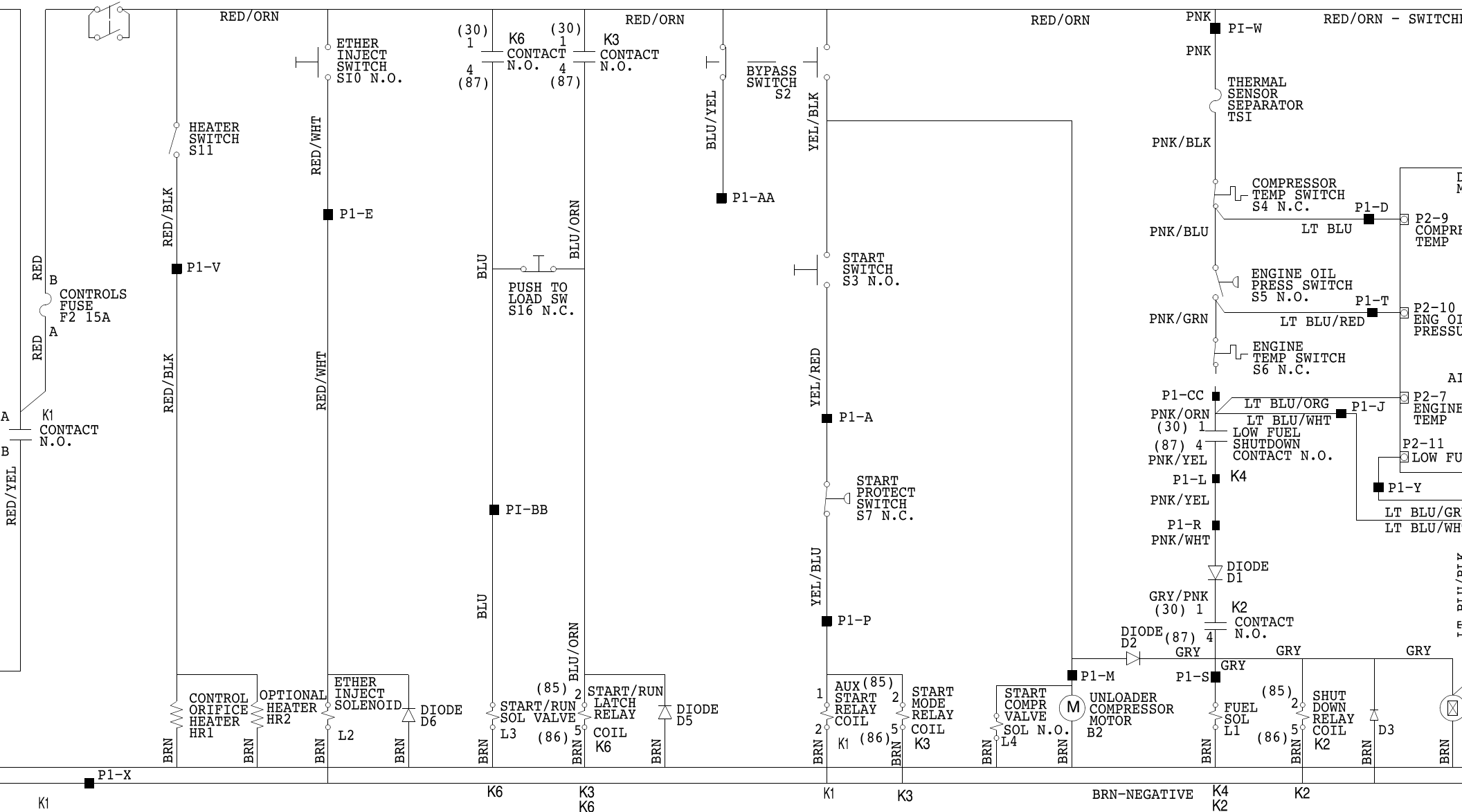
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
B1		Starter (Furnished with Engine)	1	
B3	36850691	Compressor Motor	1	
BT1	35254168	Battery	1	
BT2	35254168	Battery	1	
D1	35376169	Diode	1	
D2	35376169	Diode	1	
D3	35376169	Diode	1	
D4	35376169	Diode	1	
D5	35376169	Diode	1	
D6	35376169	Diode	1	
DS1	36841252	Panel Light	1	
	35290089	Bulb	1	
DS2	22137426	Lamp	1	
DS3	22137426	Lamp	1	
DS4	22137426	Lamp	1	
DS5	22137426	Lamp	1	
DS6	22137426	Lamp	1	
DS7	22137426	Lamp	1	
F1	36786259	30amp Fuse	1	
F2	36782464	15amp Fuse	1	
F3	35363472	4amp Fuse	1	
G1		Alternator (Furnished with Engine)	1	
HR1	36841526	Control Heater	1	
K1	36892362	Relay 24volt SPDT	1	
K2	36892362	Relay 24volt SPDT	1	
K3	36892362	Relay 24volt SPDT	1	
K4	36892362	Relay 24volt SPDT	1	
K5	36878361	Relay 12volt SPDT	1	
K6	36892362	Relay 24volt SPDT	1	
L1		Fuel Solenoid (Furnished with Engine)	1	
L2	35306158	Ether Solenoid	1	
L3	36842300	Start / Run Solenoid	1	
L4	36842318	Compressor Solenoid	1	
M2	22942411	Engine Oil Pressure Gage	1	
M3	22773337	Fuel Level Gage	1	
M4	22942429	Engine Water Temperature Gage	1	
M5	36841245	Hourmeter	1	
M6	22942429	Compressor Temperature Gage	1	
M7	22692594	Voltmeter	1	
PB1	35356799	Low Water Probe	1	
RP1	36870608	Engine Oil Pressure Sender	1	
RT1	35604180	Compressor Temperature Sender	1	
RT2	35604180	Engine Temperature Sender	1	

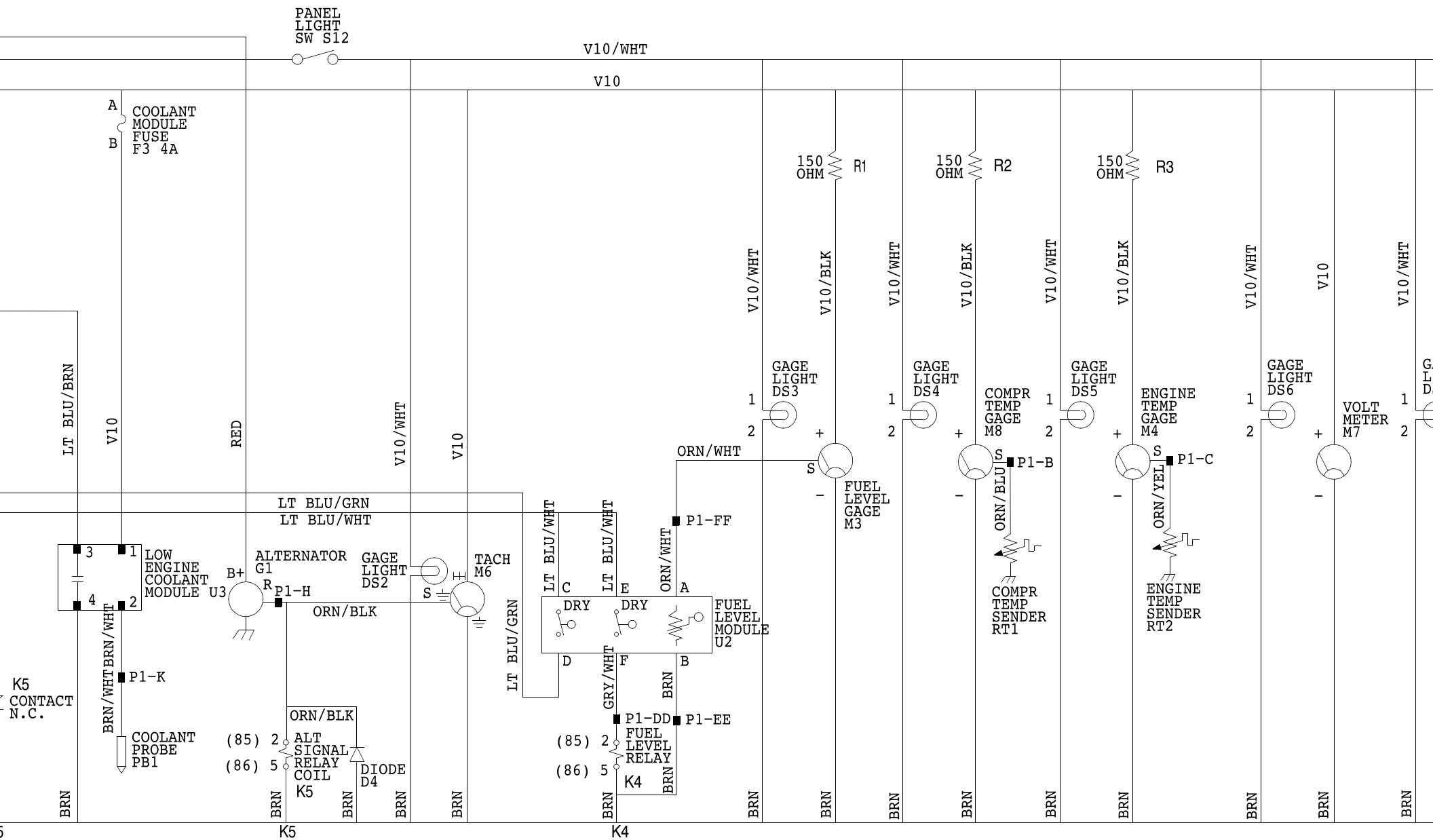
Wiring Parts List
Wiring Parts List

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
S1	35337435	Power Switch	1	
S2	35255561	By-Pass Switch	1	
S3	35255553	Start Switch	1	
S4	35255553	Compressor Temperature Switch	1	
S5	36757581	Engine Oil Pressure Switch	1	
S6	35327691	Engine Water Temperature Switch	1	
S7	36757573	Start Protection Switch	1	
S8	35368992	Restriction Indicator Switch	1	
S9	35368992	Restriction Indicator Switch	1	
S10	35255553	Ether Switch	1	
S11	35337435	Heater Switch	1	
S12	35337435	Panel Light Switch	1	
S16	35255561	Service Air Switch	1	
TS1	36764777	Thermal Switch	1	
U1	36771434	Diagnostic Module	1	
U2	36840783	Fuel Level Module	1	
U3	35356781	Low Water Module	1	

Wiring Parts List

RED - UNSWITCHED 24VDC POSITIVE





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