



Doosan Infracore
Portable Power

PARTS MANUAL

COMPRESSOR MODEL

XHP1000WCAT-T4i (E45)

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

Book: 46604940 (09/2012) Rev A

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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.

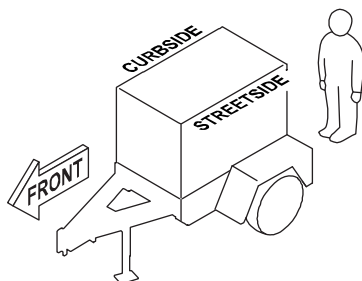
Doosan Portable Power service facilities and parts are available worldwide. Consult local yellow pages or visit: www.doosanportablepower.com.

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

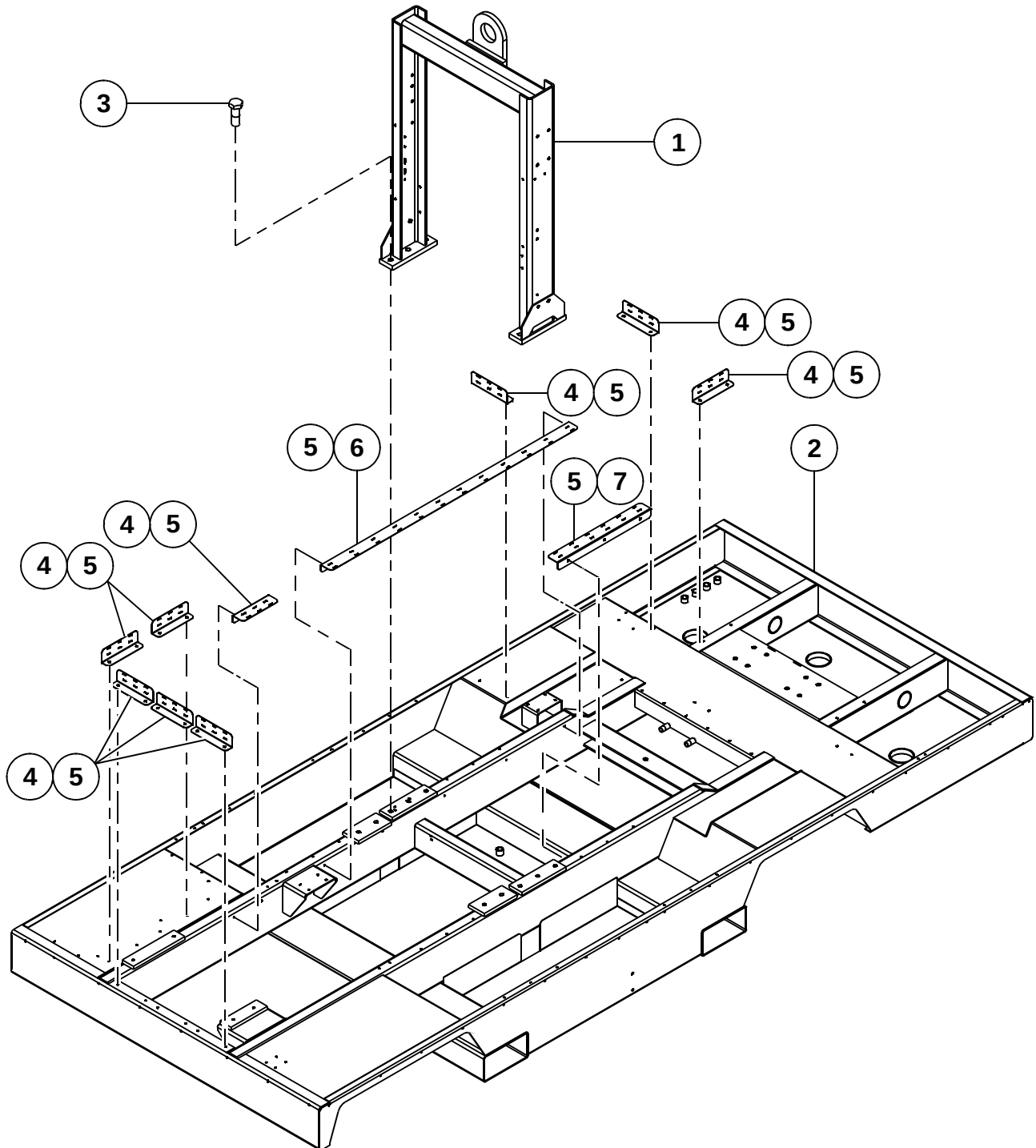
Always specify the model and serial number of the unit.

Specify the part number and description.



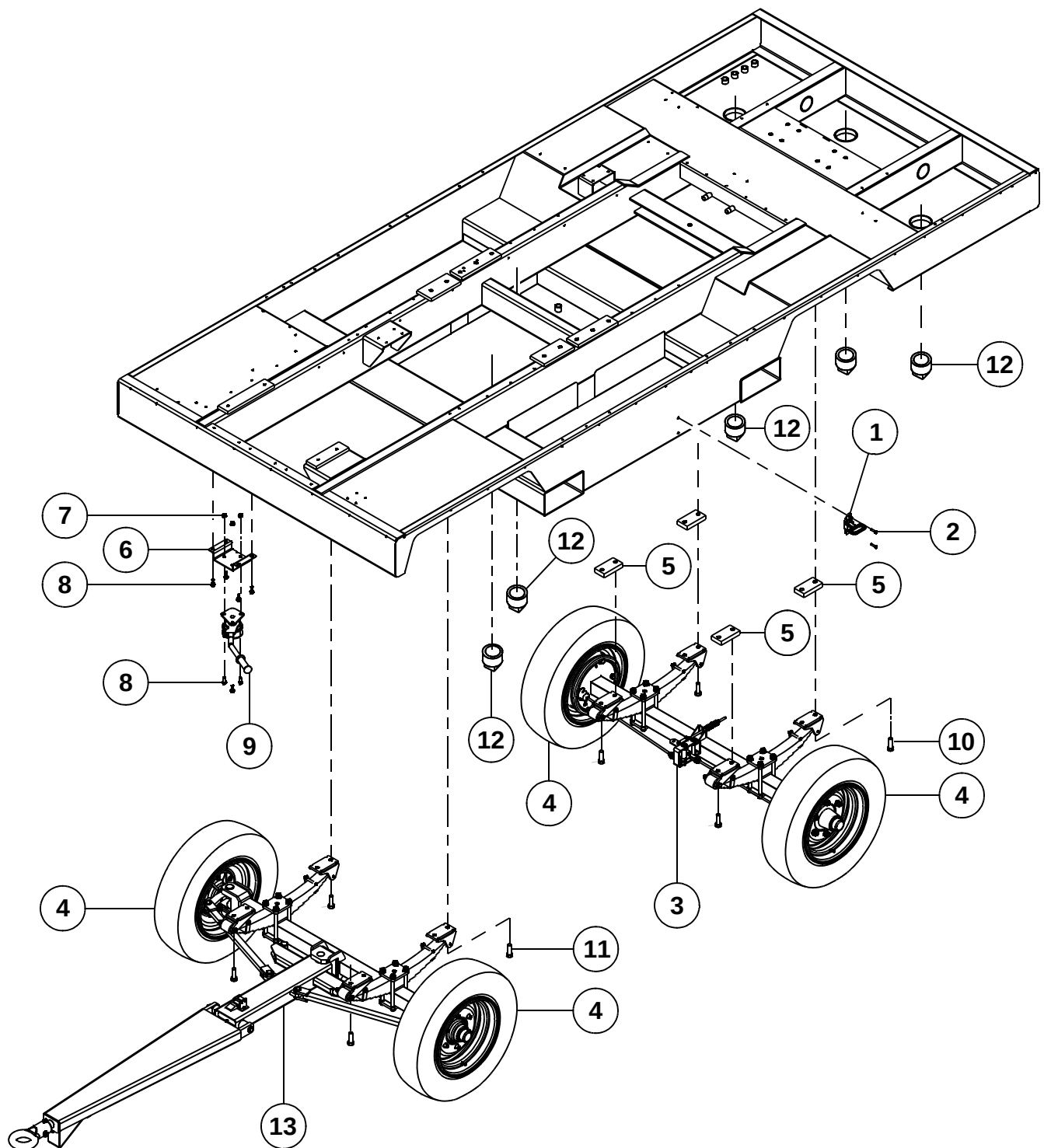
COMPRESSOR PARTS

Frame, Lifting Bail and Wiring Harnesses



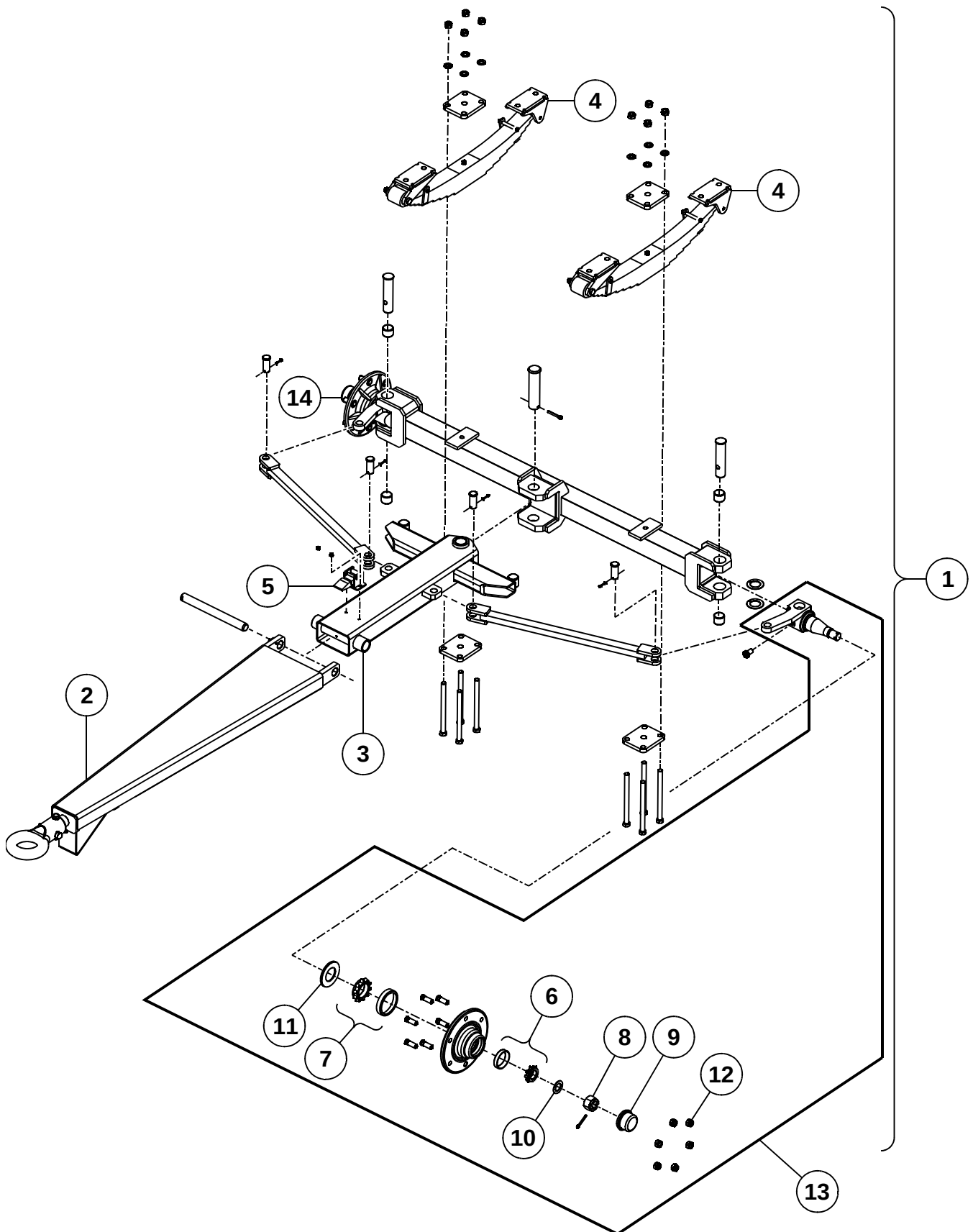
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46545224SB	Bail, Lifting	1	
2	46553010SB	Frame, Steerable Running Gear	1	
3	36763670	Screw, Hex Head M20 - 2.5 X 60	6	
4	46566921SB	Bracket, Harness Support	9	
5	35279025	Screw, Tapping M08 - 1.25 X 20	26	
6	46566920SB	Bracket, Harness Support	1	
7	46566919SB	Bracket, Harness Support	1	
8	35225093	Clamp, Support 1/2" ID Rubber Coated	2	Not Shown
9	35225077	Clamp, Support 11/16" ID Rubber Coated	2	Not Shown
10	35253038	Clamp, Support 3/8" ID Rubber Coated	3	Not Shown
11	36797652	Screw, Tapping M06 - 1.0 X 12	3	Not Shown
		Harnesses		
	46609002	Harness, Engine CAT-C13 T4i	1	Not Shown
	46611719	Harness, Alternator CAT-C13 T4i	1	Not Shown
	46609001	Harness, Compressor CAT-C13 T4i	1	Not Shown
	46609100	Harness, HR2.5 Airend CAT-C13 T4i	1	Not Shown
	46609003	Harness, Regulation System CAT-C13 T4i	1	Not Shown

Frame and Running Gear



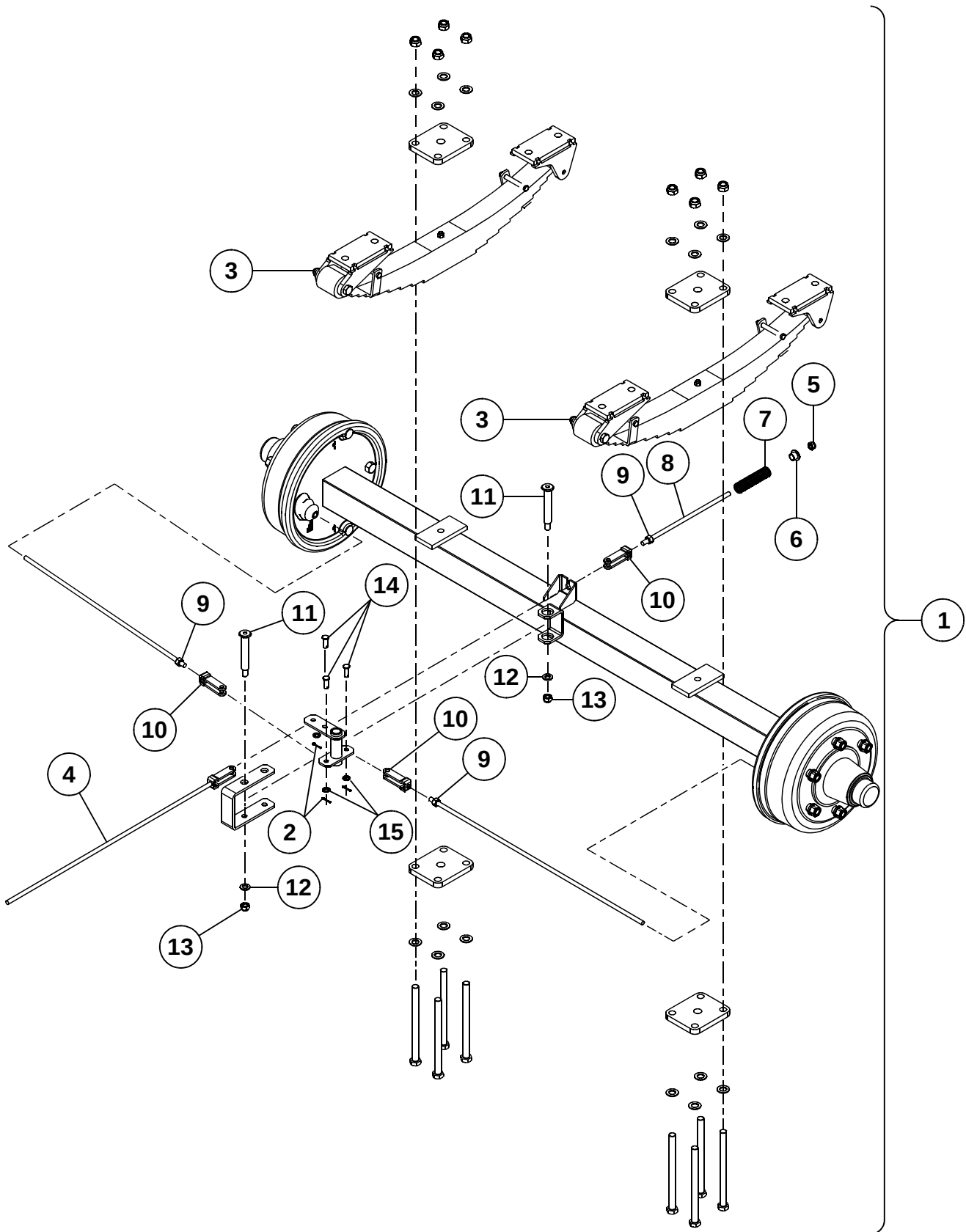
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35369313	Step, Folding	1	
2	36889608	Screw, Hex Flange M08 - 1.25 X 25	2	
3	23037799	Axle, Rear Parking Brake	1	
4	44016442	Assembly, Wheel and Tire	4	
5	46554806SB	Spacer, Rear Axle	4	
6	46554884SB	Bracket, Parking Brake Actuator	1	
7	36879195	Nut, Hex Flange M10 - 1.5	3	
8	36880995	Screw, Hex Flange M10 - 1.5 X 30	7	
9	22987549	Actuator, Parking Brake with Cable	1	
10	35290113	Screw, Hex Head M16 - 2 X 75	8	
11	96703962	Screw, Hex Head M16 - 2 X 50	8	
12	95052247	Plug, Square Head 4" NPT	5	
13	23037773	Axle, Front	1	

Front Steerable Axle



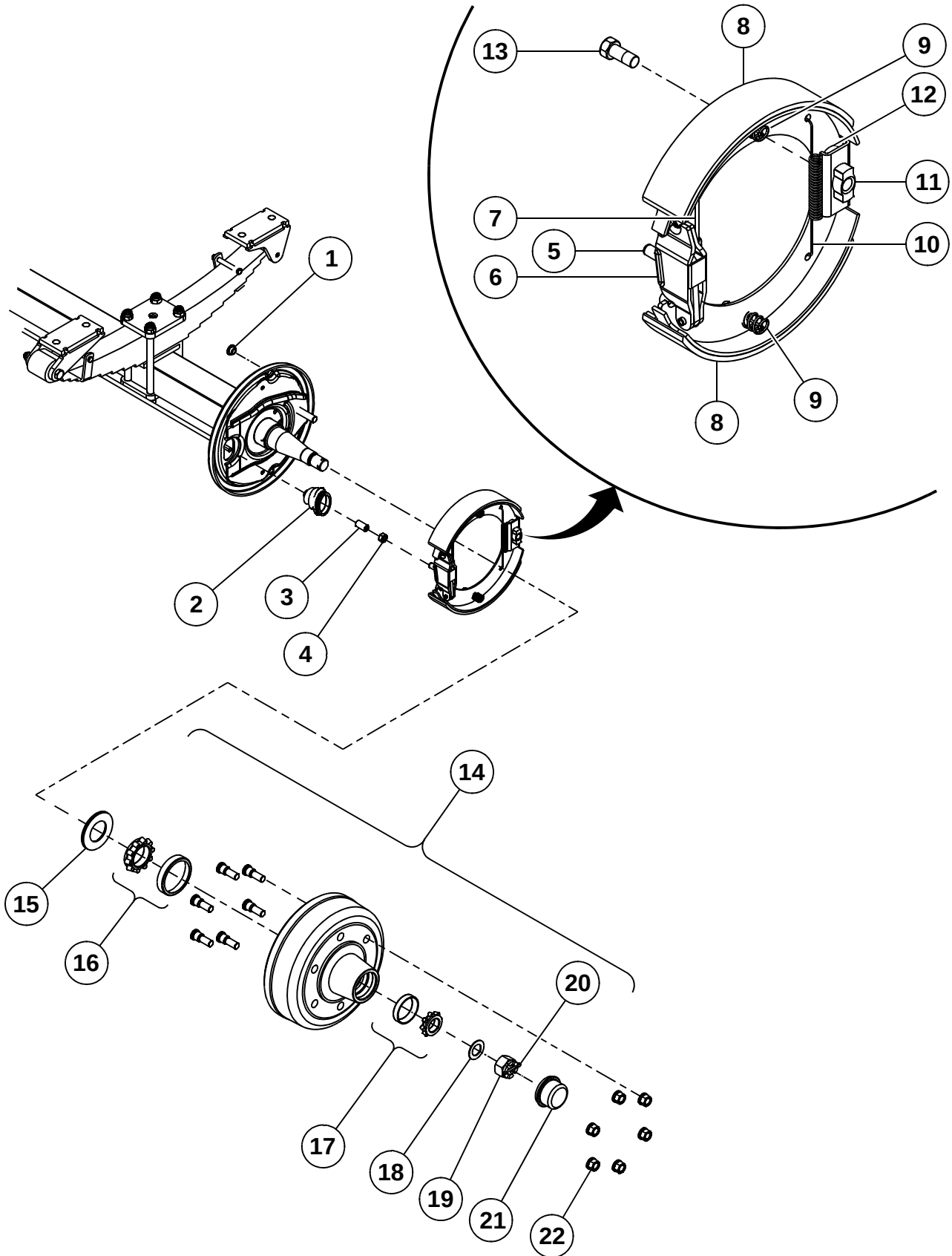
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	23037773	Axle, Front	1	
2	22871149	Drawbar, Pivot Arm	1	
3	22871123	Drawbar, Steering Arm	1	
4	23056104	Assembly, Spring and Shackle	2	
5	22871222	Latch, Drawbar	1	
6	22392138	Bearing, Outer	2	
7	22391261	Bearing, Inner	2	
8	22392146	Nut, Hex M30 - 1.5	2	
9	22392153	Cap, Dust	2	
10	22392229	Washer	2	
11	22871214	Ring	2	
12	22392211	Nut, Hex Lock M16 - 1.5	12	
13	22871370	Knuckle, Left Steering	1	
14	22871388	Knuckle, Right Steering	1	

Rear Axle with Parking Brakes



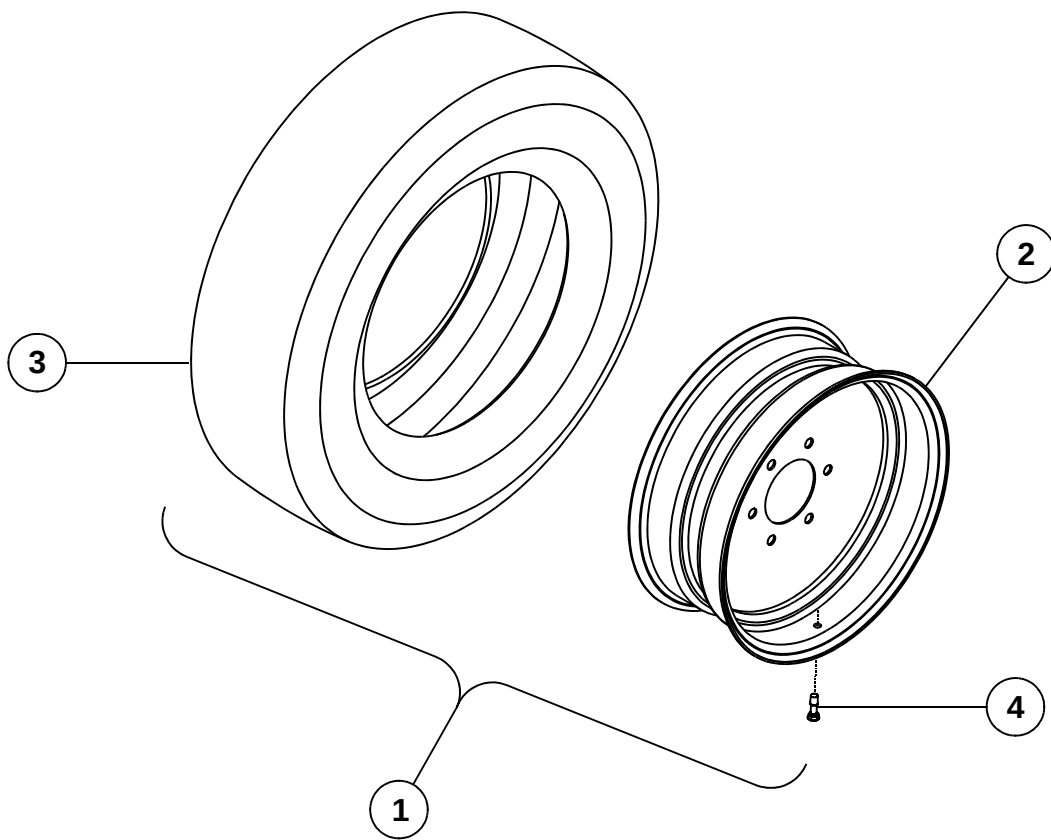
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	23037799	Assembly, Rear Axle with Parking Brake	1	
2	22392468	Pin, Cotter M3.2 X 20	3	
3	23056104	Assembly, Spring and Shackle	2	
4	22904882	Assembly, Brake Cable	1	
5	22392260	Nut, Hex Lock M10 - 1.5	1	
6	22392567	Washer, Spring End	1	
7	22392559	Spring, Compression	1	
8	22392542	Rod, Threaded M10 X 300	1	
9	22392021	Nut, Hex M10 - 1.5	3	
10	22392039	Yoke, M10	3	
11	22392484	Pin, Step	2	
12	22392443	Washer, Flat M12	2	
13	22391833	Nut, Hex Lock M12 - 1.75	2	
14	22392476	Pin, Clevis M10	3	
15	22392450	Washer, M10	3	

Rear Axle Brake Hub and Brakes



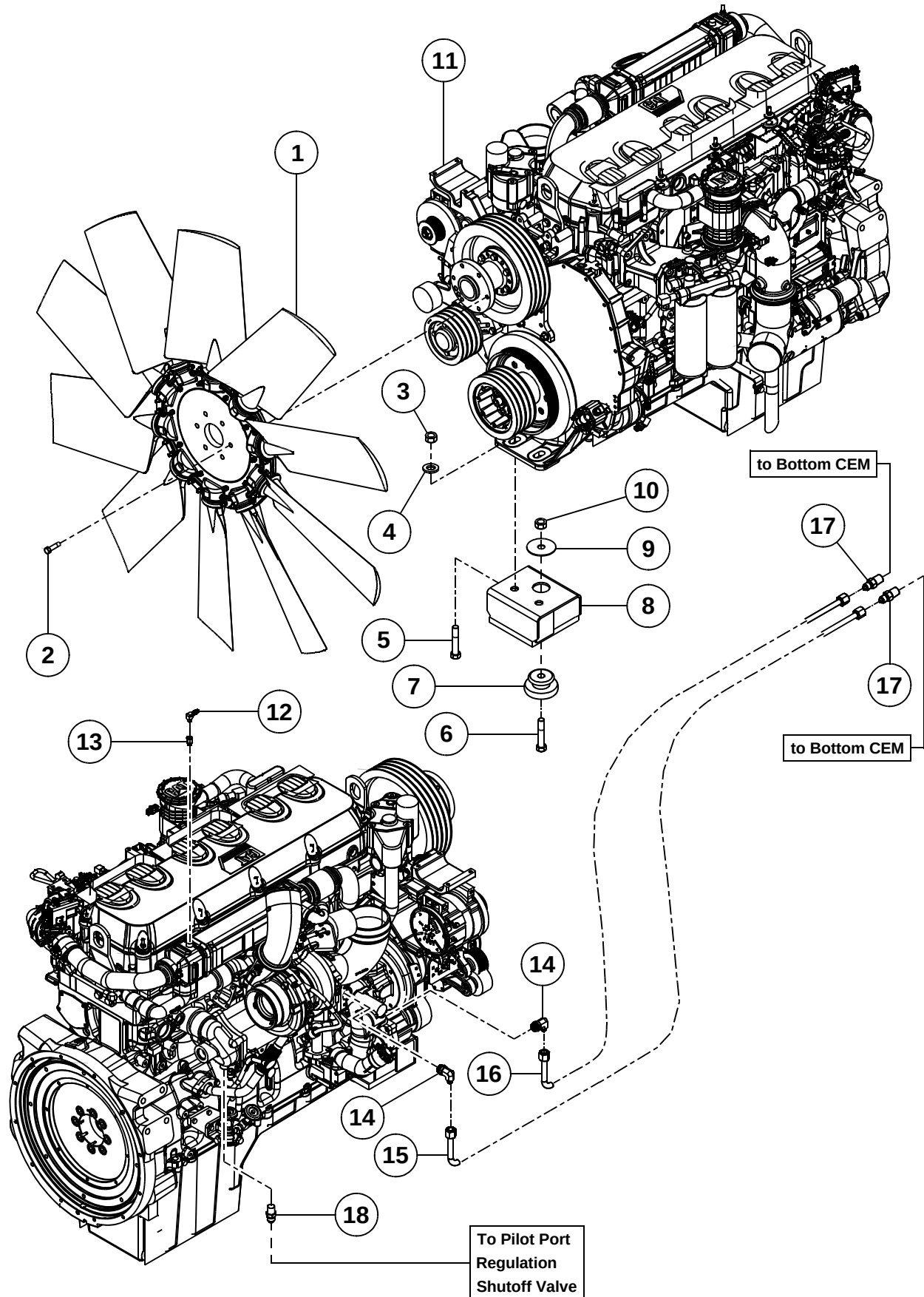
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22392682	Plug, M25 X 18.4 H7	4	
2	22392674	Cuff, Brake Rod	2	
3	22392526	Nut, M12 X M10	2	
4	22392062	Nut, Hex M12	2	
5	22392518	Hook, Safety M12	2	
6	22392658	Expander	2	
7	22392666	Spring	2	
8	22392625	Assembly, Brake Shoe	4	
9	22392633	Spring, Compression	4	
10	22392617	Adjuster	2	
11	22392609	Wedge	2	
12	22392591	Wedge	4	
13	22392583	Screw, Wedge	2	
14	22392575	Assembly, Brake Drum	2	
15	22871214	Assembly, Sealing Ring	2	
16	22391261	Bearing, Inner	2	
17	22392138	Bearing, Outer	2	
18	22392229	Washer	2	
19	22392146	Nut, Hex M30 - 1.5	2	
20	22392237	Pin, Cotter M6.3 X 45	2	
21	22392153	Cap, Dust	2	
22	22392211	Nut, Lug M16 - 1.5	12	

Wheel and Tire Assembly



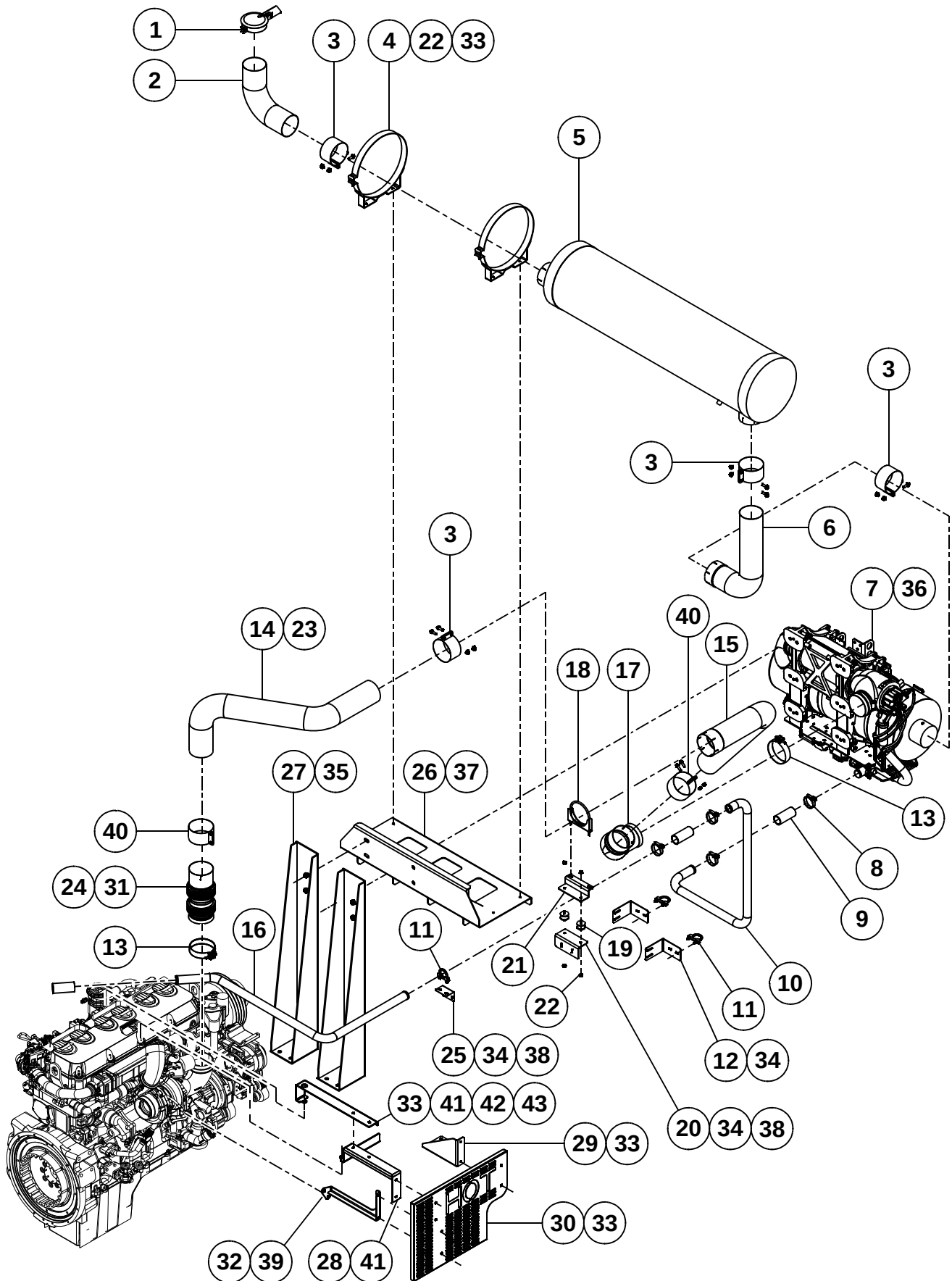
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	44016442	Assembly, Wheel and Tire	1	
2	22929418	Wheel	1	
3	36877991	Tire, 215/75R17.5/H	1	
4	23085079	Stem, Valve	1	

Engine, Mount and Fan



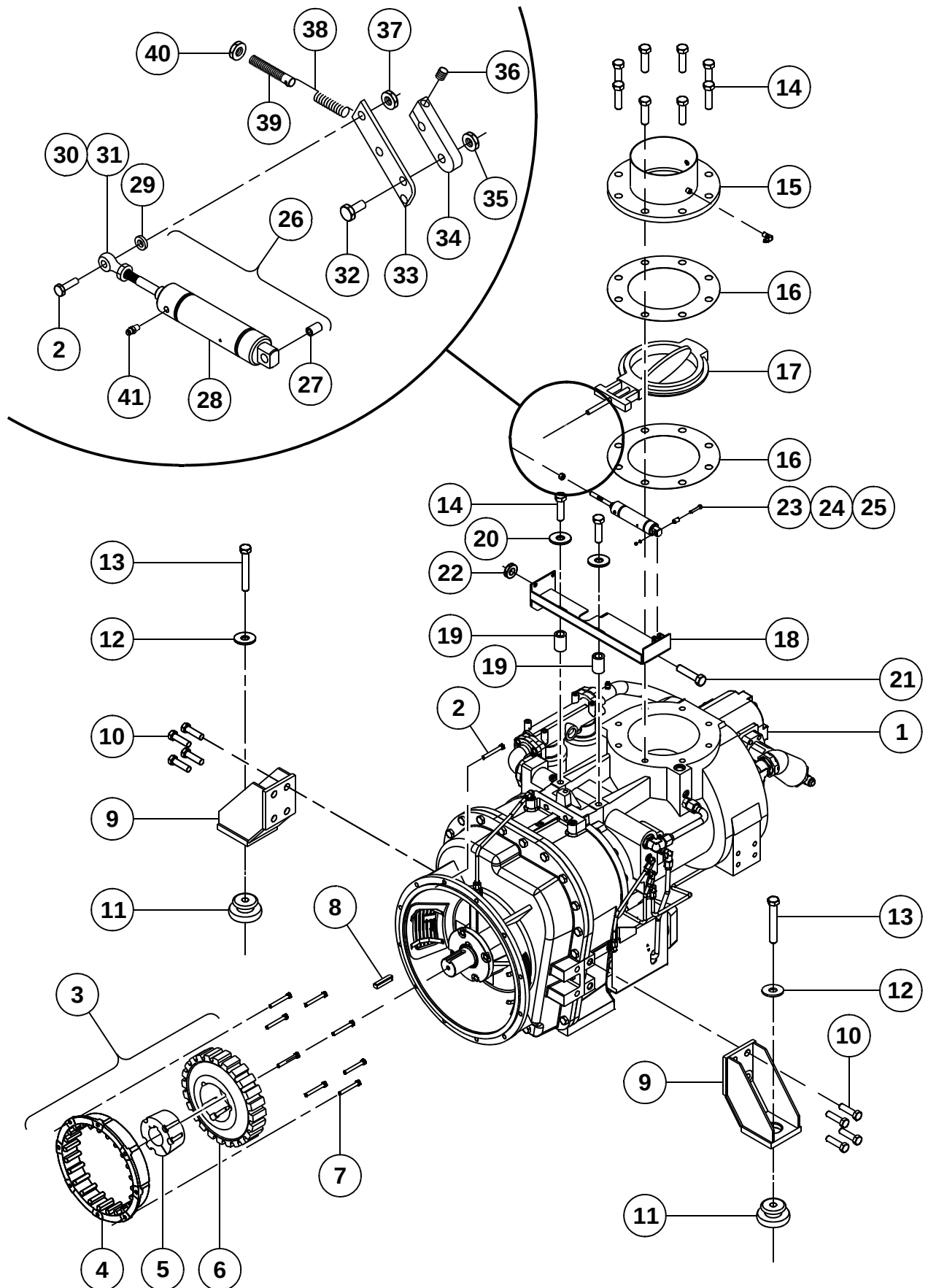
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46553965	Fan	1	
2	95920708	Screw, Hex 1/2" - 13 X 1-1/2"	6	
3	95922928	Nut, Hex 3/4" - 10	2	
4	95935011	Washer, Flat Narrow 13/16" ID	2	
5	95934378	Screw, Hex 3/4" - 10 X 2"	2	
6	96700919	Screw, Hex M20 - 2.5 X 90	1	
7	35584556	Mount, Center Bond	1	
8	23299233SB	Bracket, Engine Support	1	
9	35273937	Washer, Snubber	1	
10	96702741	Nut, Hex Nylon Lock M20 - 2.5	1	
11	46545109	Engine, CAT-C13 T4i	1	
12	46577939	Elbow, 90° 1/8" NPT X 3/8" Hose Barb	1	
13	22246722	Adapter, 7/16" - 20 X 1/8" NPT	1	
14	46557040	Elbow, 90° O-Ring 7/8" - 14 X -6 JIC	2	
15	36920304	Hose, -6 JIC X 128"	1	
16	36922805	Hose, -6 JIC X 114"	1	
17	46557041	Connector, -4 JIC X -6 JIC	2	
18	95365078	Connector, Male 9/16" - 18 X -6 JIC	1	
		Engine Service Parts		
	46578321	Filter, Primary Fuel	1	
	22730022	Bowl, Primary Fuel Filter	1	
	22090526	Filter, Secondary Fuel	1	
	46578323	Filter, Engine Oil	1	
	46578324	Conditioner, Coolant Filter	1	
	46605739	Belt Set, Engine Fan	1	
	46618302	Belt, Alternator	1	
	46613690	Filter, Crankcase Breather	1	

Exhaust



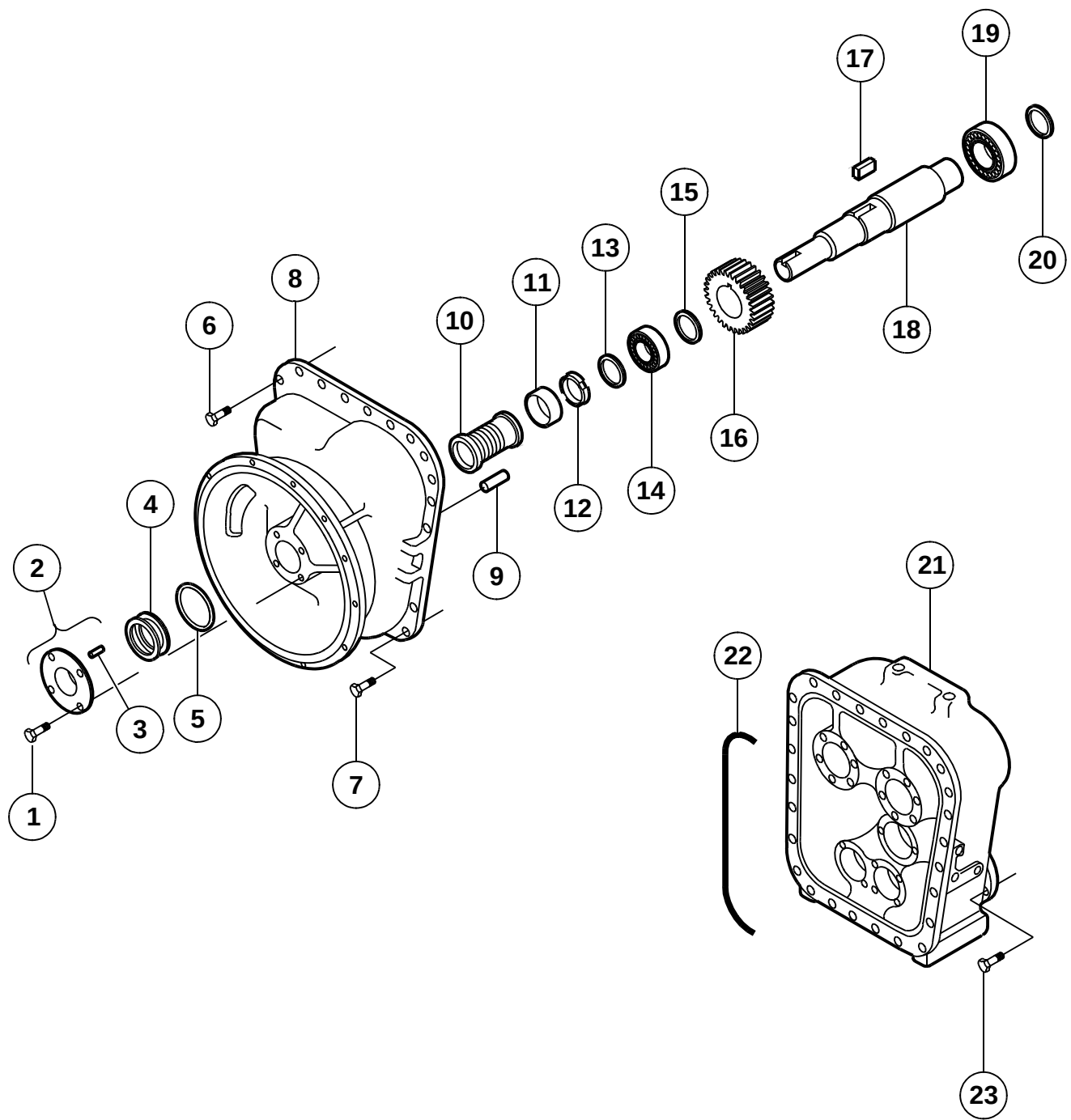
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35857036	Cap, Rain	1	
2	46571659	Tube, Muffler Outlet	1	
3	35307131	Clamp, Seal	4	
4	36506079	Clamp, Mounting	2	
5	46571379	Muffler	1	
6	46571419	Tube, Muffler Inlet	1	
7	46570419	Aftertreatment, Exhaust Assy. CAT-C13 T4i	1	
8	46592119	Clamp, Constant Torque	6	
9	46557008	Hose, Connector CEM Boost Air	3	
10	46557001	Tube, CEM Boost CEM Side	1	
11	35261155	Clamp, Saddle 1-3/4" ID	3	
12	46560139SB	Bracket, CEM Tube Support	2	
13	46578325	Clamp, Spherical Exhaust	2	
14	46557093	Insulation, Pipe Exhaust	1	
15	46556471	Tube, CEM Inlet	1	
16	46574199	Tube, CEM Boost Engine Side	1	
17	46578320	Elbow, Exhaust	1	
18	35127653	Clamp, Muffler 5" ID	1	
19	92276096	Mount, Exhaust Isolator	2	
20	46577580SA	Bracket, Support Isolator	1	
21	46577579SB	Bracket, Support Exhaust Pipe	1	
22	36881886	Nut, Hex Flange M08 - 1.25	8	
23	46554961	Tube, Engine Exhaust	1	
24	46578319	Bellows, Exhaust	1	
25	46557003SA	Bracket, Tube Support CEM Boost	1	
26	46571539SB	Bracket, Muffler Mounting	1	
27	46554958SB	Bracket, CEM Support	2	
28	46607241SB	Bracket, Heat Shield	1	
29	46585480SB	Bracket, Heat Shield	1	
30	46585482	Shield, Turbo Heat	1	
31	46605740	Shield, Bellows	1	
32	46585479SB	Bracket, Heat Shield	1	
33	36889608	Screw, Hex Flange M08 - 1.25 X 25	15	
34	35279025	Screw, Tapping M08 - 1.25 X 20	8	
35	96747142	Screw, Hex Flange M16 - 2.0 X 30	8	
36	36879302	Screw, Hex Flange M16 - 2.0 X 50	6	
37	36877793	Screw, Hex Flange M16 - 2.0 X 40	4	
38	36895746	Nutsert, Hex M08 - 1.25	4	
39	36879492	Screw, Hex Flange M12 - 1.75 X 25	2	
40	46605741	Clamp, Exhaust Band	2	
41	92304559	Nut, Hex Lock M08	3	
42	96701396	Washer, Flat M08	6	
43	46607240SB	Bracket, Heat Shield	1	

Airend Coupling, Butterfly Valve and Mount



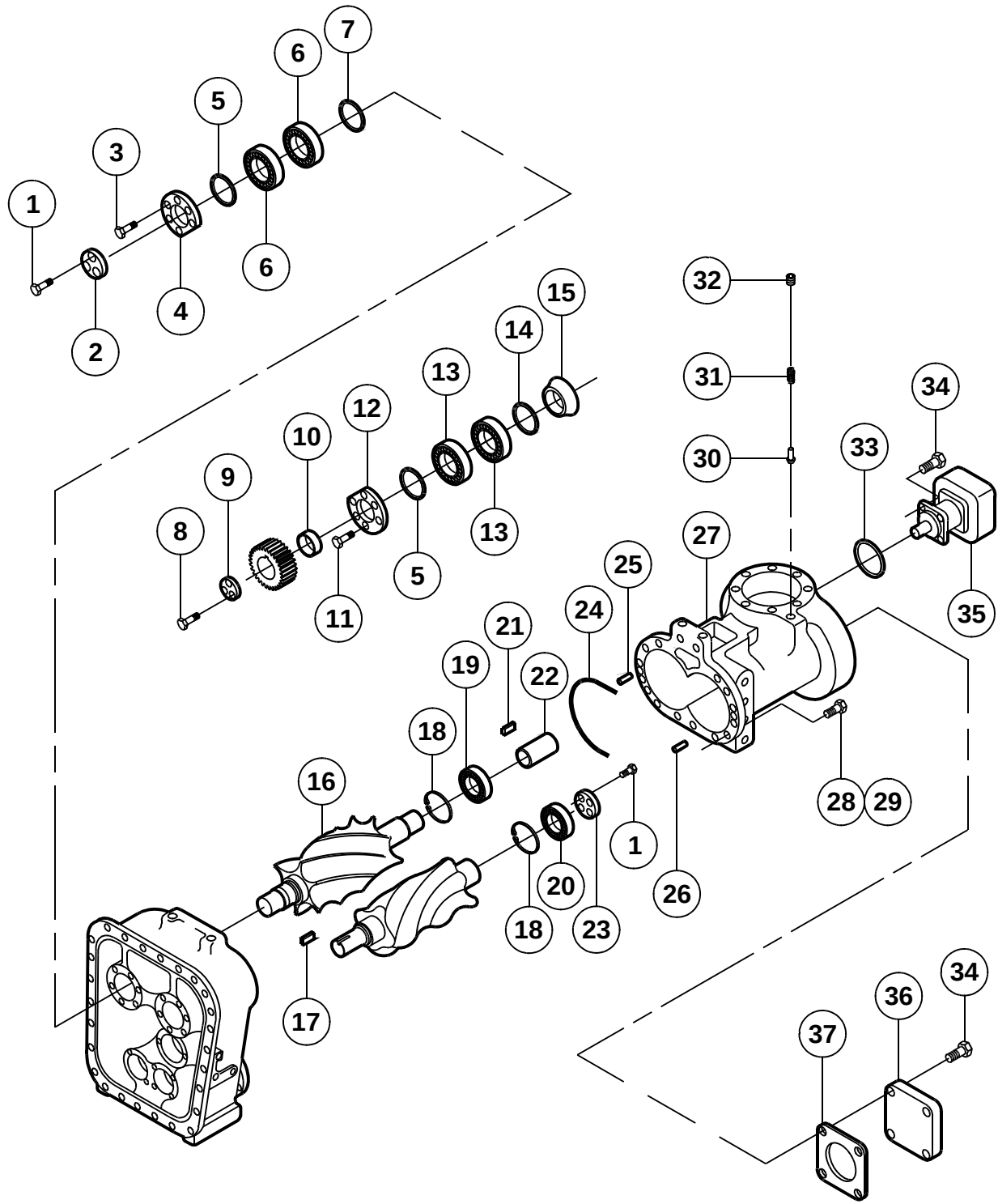
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	42520700	Airend	1	
	36066173	Remanufactured Airend		
2	95934626	Screw, Hex 7/16" - 14 X 1-1/2"	13	
3	46554923	Coupling, Drive	1	
4	46554944	Ring, Drive Coupling	1	
5	46554946	Bushing, Drive Coupling	1	
6	46554945	Element, Drive Coupling	1	
7	36881704	Screw, Hex Flange 3/8" - 16 X 1-1/4"	8	
8	36795102	Key, Drive Coupling	1	
9	54613369	Bracket, Airend Mounting	2	
10	35375385	Screw, Hex M16 - 2.0 X 40	8	
11	35584556	Mount, Center Bond	2	
12	35273937	Washer, Snubber	2	
13	96700919	Screw, Hex M20 - 2.5 X 90	2	
14	35375963	Screw, Hex M20 - 2.5 X 75	10	
15	36884997	Flange, Inlet	1	
16	36754059	Gasket, Unloader	2	
17	36884112	Valve, Butterfly	1	
18	36898005	Bracket, Air Cylinder	1	
19	36898450	Spacer, Air Cylinder Mounting Bracket	2	
20	95935011	Washer, Flat Narrow 13/16" ID	2	
21	35611680	Screw, Hex 3/8" - 16 X 2"	1	
22	95922894	Nut, Hex 3/8" - 16	1	
23	35288893	Bolt, Shoulder 3/8" X 1-1/4"	1	
24	95934998	Washer, Flat 5/16" ID	1	
25	95923314	Nut, Hex Lock 5/16" - 18	1	
26	22377212	Kit, Bushing and Cylinder	1	
27	35288885	Bushing, 3/8" ID X 5/8"	1	
28	35584689	Cylinder, Air	1	
29	95935037	Washer, Flat 3/8" ID	1	
30	35300532	Bearing, Rod End	1	
31	95245288	Nut, Hex Jam 7/16" - 20	1	
32	95934782	Screw, Hex 1/4" - 20 X 1-3/4"	1	
33	35607910	Lever, Regulator	1	
34	35264951	Lever, Control	1	
35	95923298	Nut, Hex Lock 1/4" - 20	1	
36	95500369	Screw, Hex Socket 1/4" - 20 X 3/4"	1	
37	95923330	Nut, Hex Lock 7/16" - 14	1	
38	35579523	Spring, Extension	1	
39	35605799	Adjuster, Spring	1	
40	35145077	Nut, Hex Lock Washer 3/8" - 16	1	
41	95381158	Connector, 3/8" Tube X 1/8" NPT	1	

Airend - Gear Case



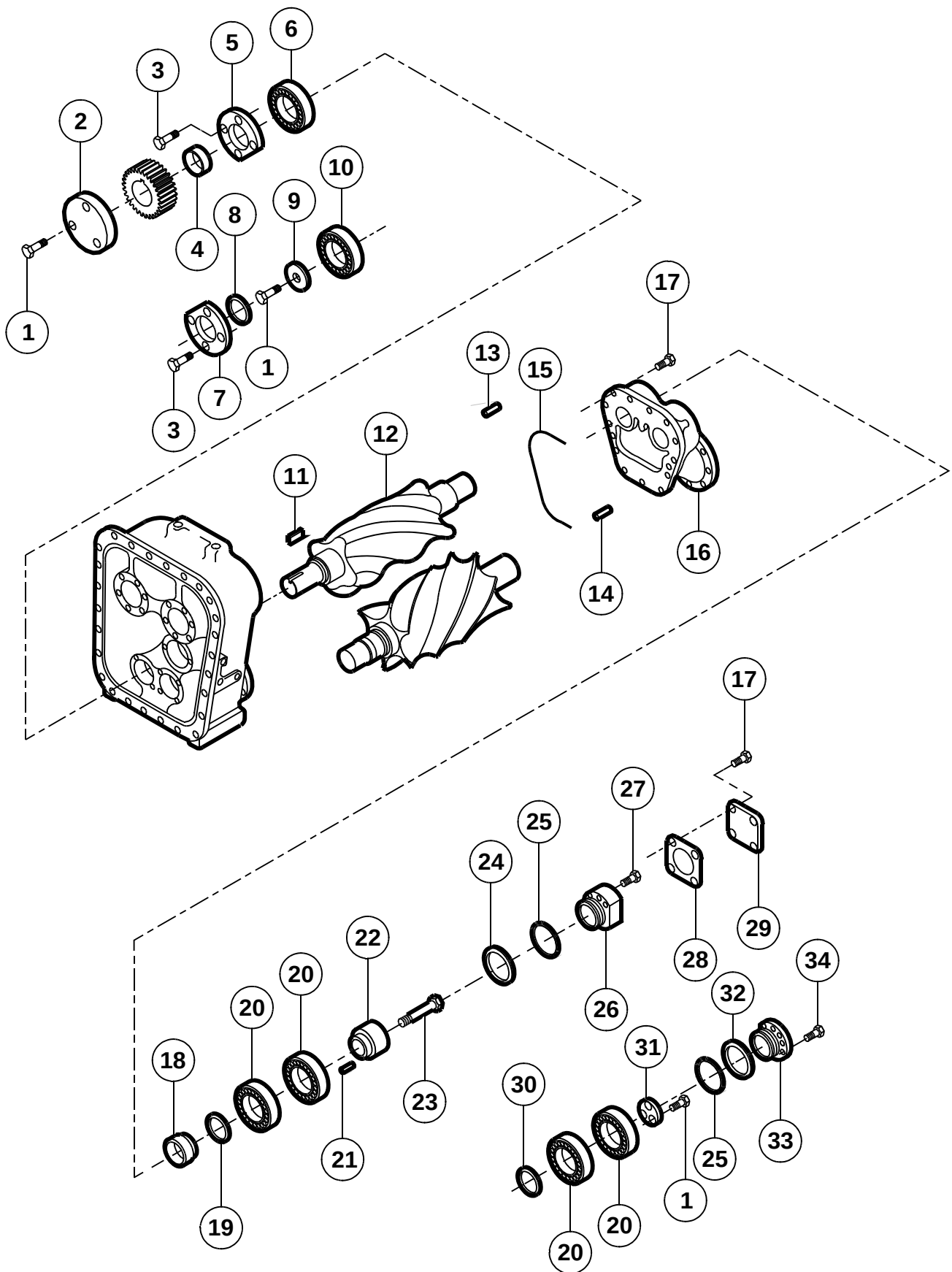
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	96702295	Screw, Hex M10 - 1.5 X 25	4	
2	39577648	Cover Assembly, Drive Shaft Seal	1	
3	95650529	Pin, Roll 3/32" Dia. X 3/8"	1	
4	36795151	Set, Shim 0.010"	1	
5	35355536	O-Ring, 4.73" ID X 0.139" Cross Section	1	
6	35272541	Screw, Hex M16 - 2.0 X 40	18	
7	35318146	Screw, Hex M16 - 2.0 X 120	4	
8	36793750	Case, Gear	1	
9	35336122	Pin, Dowel M16 X 30	1	
10	39929351	Seal Assembly, HR2.5 Shaft Bronze	1	
11	36795128	Spacer, Seal Cover	1	
12	36795169	Locknut, HR2.5	1	
13	36795136	Spacer, Bearing	1	
14	36511640	Bearing, Tapered Roller	1	
15	36795144	Spacer, Gear	1	
16	54750898	Set, Gear	1	
17	36795110	Key, Drive Gear	1	
18	36792836	Shaft, Drive	1	
19	35610203	Bearing, Tapered Roller	1	
20	35372010	Spacer, Bearing	1	
21	36861367	Housing, Main	1	
22	35355775	Seal, O-Ring 73.73" ID X 0.210" Cross Section	1	
23	35272533	Screw, Hex M12 - 1.75 X 35	13	

Airend - Rotor Housing 1st Stage



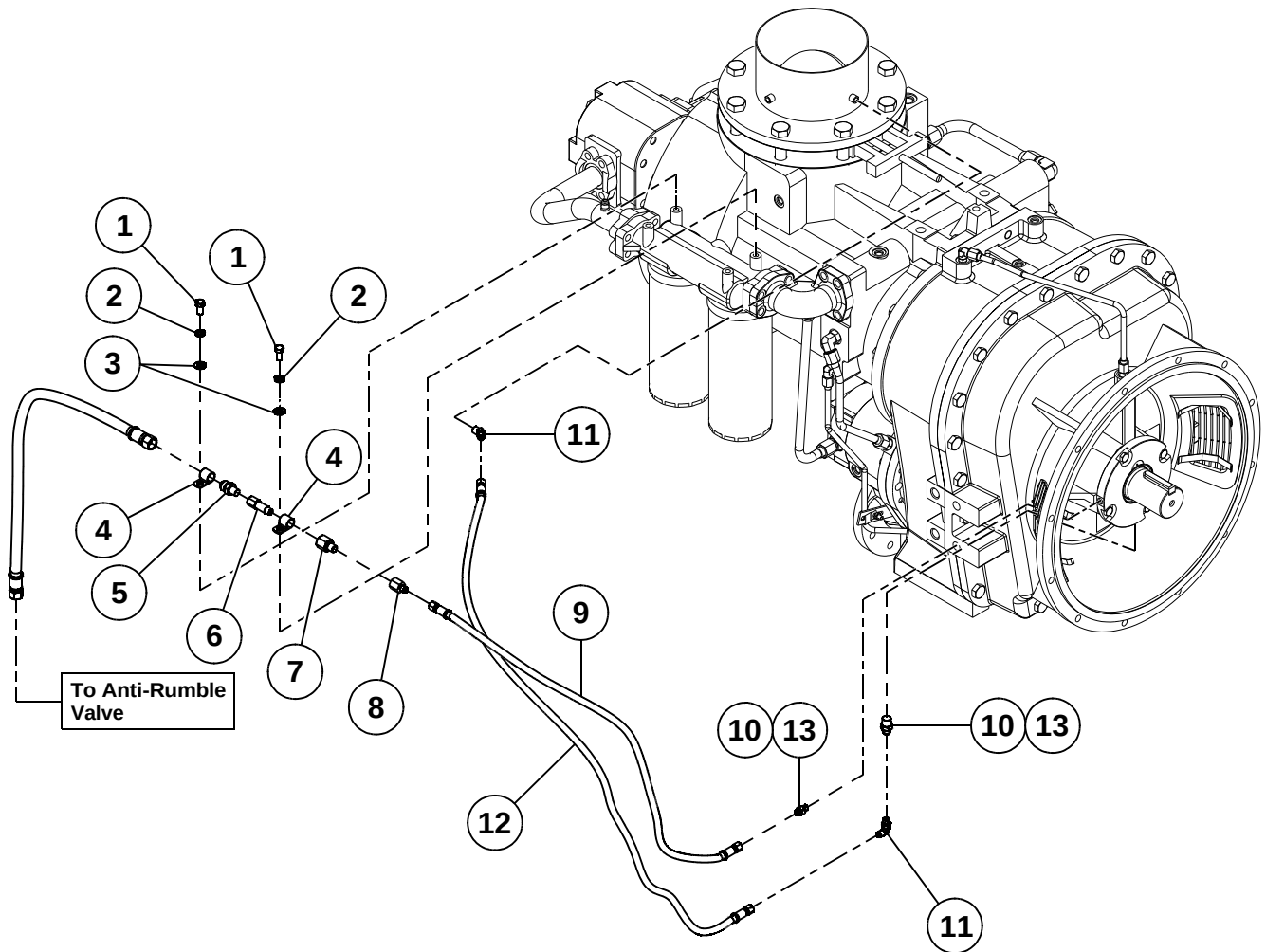
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35311463	Screw, Hex Socket M10 - 1.5 X 30	7	
2	36508414	Plate, Clamp	1	
3	96716139	Screw, Hex M10 - 1.5 X 20	6	
4	35856418	Plate, Retaining	1	
5	35355767	Set, Shim	2	
6	35600105	Bearing, Tapered Roller	2	
7	35355833	Set, Shim M86 ID X 96 OD	1	
8	96712187	Screw, Hex M12 - 1.75 X 30	3	
9	35355858	Plate, Clamp	1	
10	35355841	Spacer, Gear	1	
11	96701487	Screw, Hex M10 - 1.5 X 30	6	
12	36501013	Plate, Retainer	1	
13	35605203	Bearing, Tapered Roller	2	
14	35355825	Set, Shim M77 ID X 90 OD	1	
15	35602457	Piston, Thrust	1	
16	36017465	Set, Rotor (1st Stage)	1	
17	35355817	Key, M12.7 Sq. X 35	1	
18	95223178	Ring, Retaining Internal 3.91" ID	2	
19	35600022	Bearing, Cylindrical Roller	1	
20	35600030	Bearing, Cylindrical Roller	1	
21	95340428	Key, 1/4" Sq. X 1-1/2"	1	
22	36854701	Coupling, Pump HR2.5	1	
23	35300193	Plate, Clamp Male Rotor	1	
24	35355783	Seal, O-Ring 46.30" ID X 0.210" Cross Section	1	
25	35336130	Pin, Locating M16 X 32	1	
26	35336122	Pin, Dowel M16 X 30	1	
27	36861193	Housing, Rotor	1	
28	92398239	Screw, Hex M16 - 2.0 X 50	2	
29	96706262	Screw, Hex M16 - 2.0 X 45	14	
30	36861839	Piston, Bypass Valve	1	
31	36861847	Spring, Bypass Valve	1	
32	36861557	Plug, 7/8" - 14 Hex Hollow	1	
33	95000410	O-Ring, 4.0" ID X 0.094" Cross Section	1	
34	96706080	Screw, Hex M12 - 1.75 X 40	8	
35	36861144	Pump, Oil HR2.5	1	
36	36509388	Cover, Male Rotor	1	
37	35275742	Gasket, Oil Pump	1	

Airend - Rotor Housing 2nd Stage



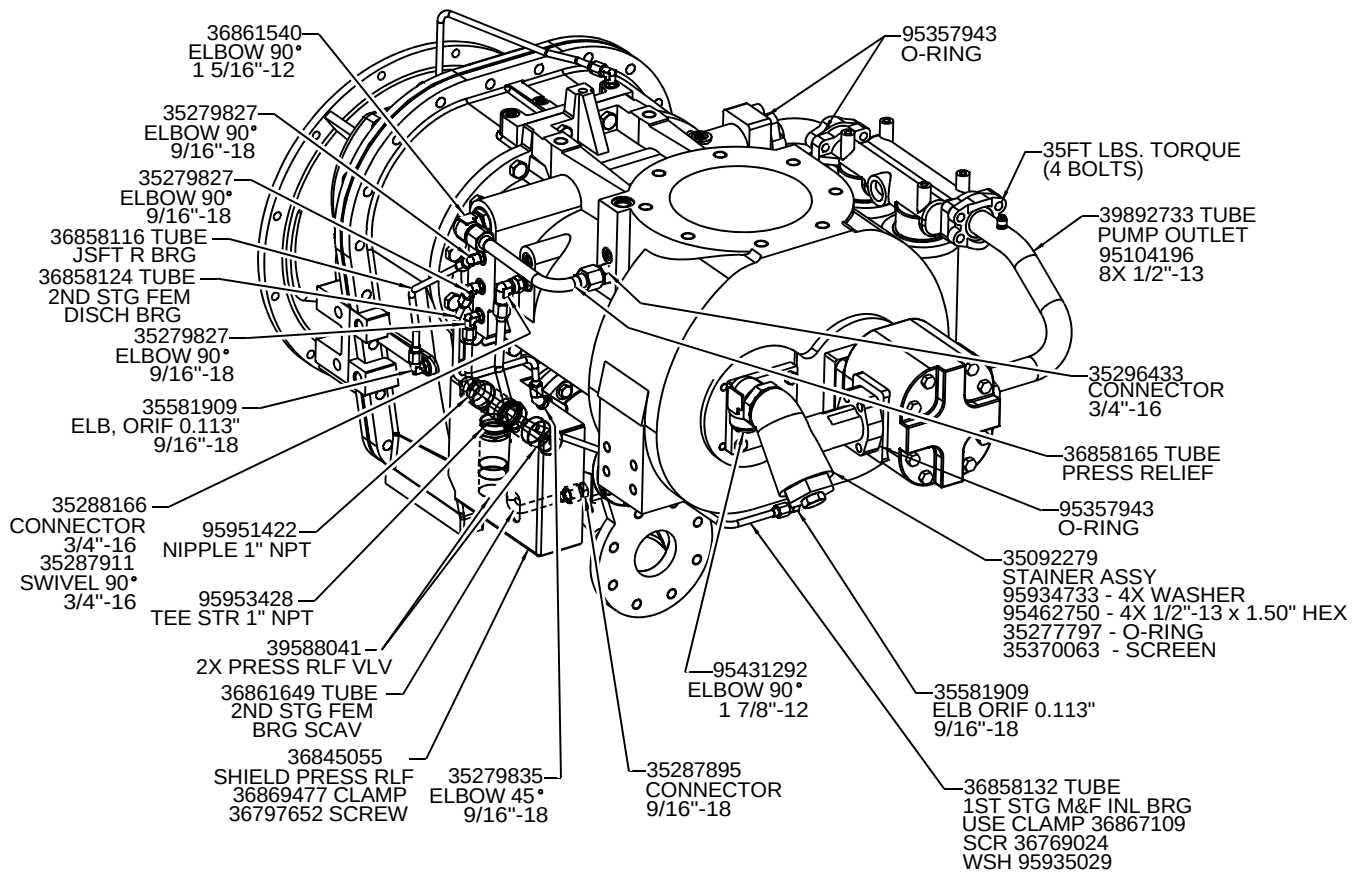
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35311463	Screw, Hex Socket M10 - 1.5 X 30	7	
2	36847200	Plate, Clamp Male Rotor	1	
3	35273408	Screw, Hex M08 - 1.25 X 20	8	
4	35355866	Spacer, Gear	1	
5	35355965	Plate, Retaining	1	
6	35600022	Bearing, Cylindrical Roller	1	
7	35355999	Plate, Retaining	1	
8	35355973	Spacer, Bearing	1	
9	35300201	Plate, Clamp Fan Drive Shaft	1	
10	35600014	Bearing, Cylindrical Roller	1	
11	35355817	Key, M12.7 Sq. X 35	1	
12	36006732	Set, Rotor (2nd Stage)	1	
13	35336122	Pin, Dowel M16 X 30	1	
14	35336130	Pin, Locating M16 X 32	1	
15	35355791	Seal, O-Ring 8.98" ID X 0.210" Cross Section	1	
16	36738128	Housing, Rear Bearing	1	
17	96712179	Screw, Hex M12 - 1.75 X 35	14	
18	35355940	Piston, Thrust	1	
19	35355874	Set, Shim M46.6 ID X 54 OD	1	
20	35600113	Bearing, Tapered Roller	4	
21	95069522	Pin, Dowel 1/4" Dia. X 3/4"	1	
22	35864644	Coupling, Oil Pump	1	
23	36851277	Screw, Hex Socket M16 - 2.0 X 60	1	
24	35355916	Set, Shim M95 ID X 152 OD	1	
25	95026290	O-Ring, 3.48" ID X 0.139" Cross Section	2	
26	36864676	Cover, 2nd Stage Male Bearing	1	
27	39125000	Screw, Hex Socket M10 - 1.5 X 45	6	
28	35275742	Gasket, Oil Pump	1	
29	36509388	Cover, Male Rotor	1	
30	35355874	Set, Shim M46.6 ID X 54 OD	1	
31	35355957	Plate, Clamp	1	
32	35355924	Set, Shim M95 ID X 140 OD	1	
33	35856350	Cover, Rear Bearing	1	
34	96702295	Screw, Hex M10 - 1.5 X 25	6	

Front Bearing Scavenge

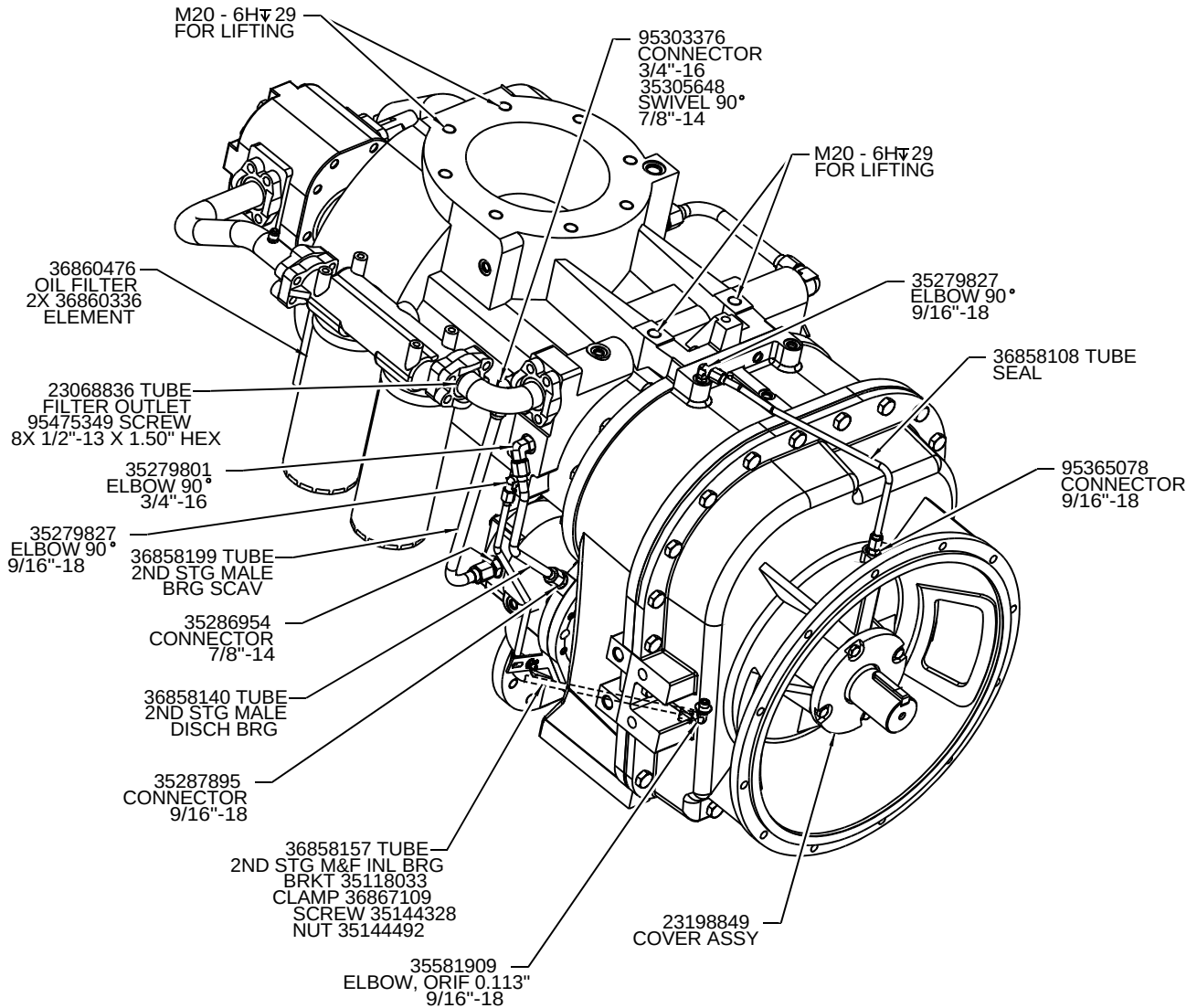


ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	95934550	Screw, Hex 3/8" - 16 X 3/4"	2	
2	95937413	Washer, Lock 3/8" ID	2	
3	95935037	Washer, Flat 3/8" ID	2	
4	35225077	Clamp, Support 11/16" ID Rubber Coated	2	
5	35283134	Connector, 1/4" NPT X -8 JIC	1	
6	39120563	Screen, Scavenge	1	
7	39418769	Orifice, 1/4" NPT X 0.0135" Dia.	1	
8	35294487	Connector, Female 1/4" NPT X -4 JIC	1	
9	35283258	Hose, -4 JIC X 34"	1	
10	35287903	Connector, O-Ring 7/16" - 20 X -4 JIC	2	
11	35290352	Elbow, 90° Swivel Nut -4 JIC	2	
12	35283498	Hose, -4 JIC X 51"	1	
13	35279959	O-Ring, 0.35" ID X 0.072" Cross Section	2	

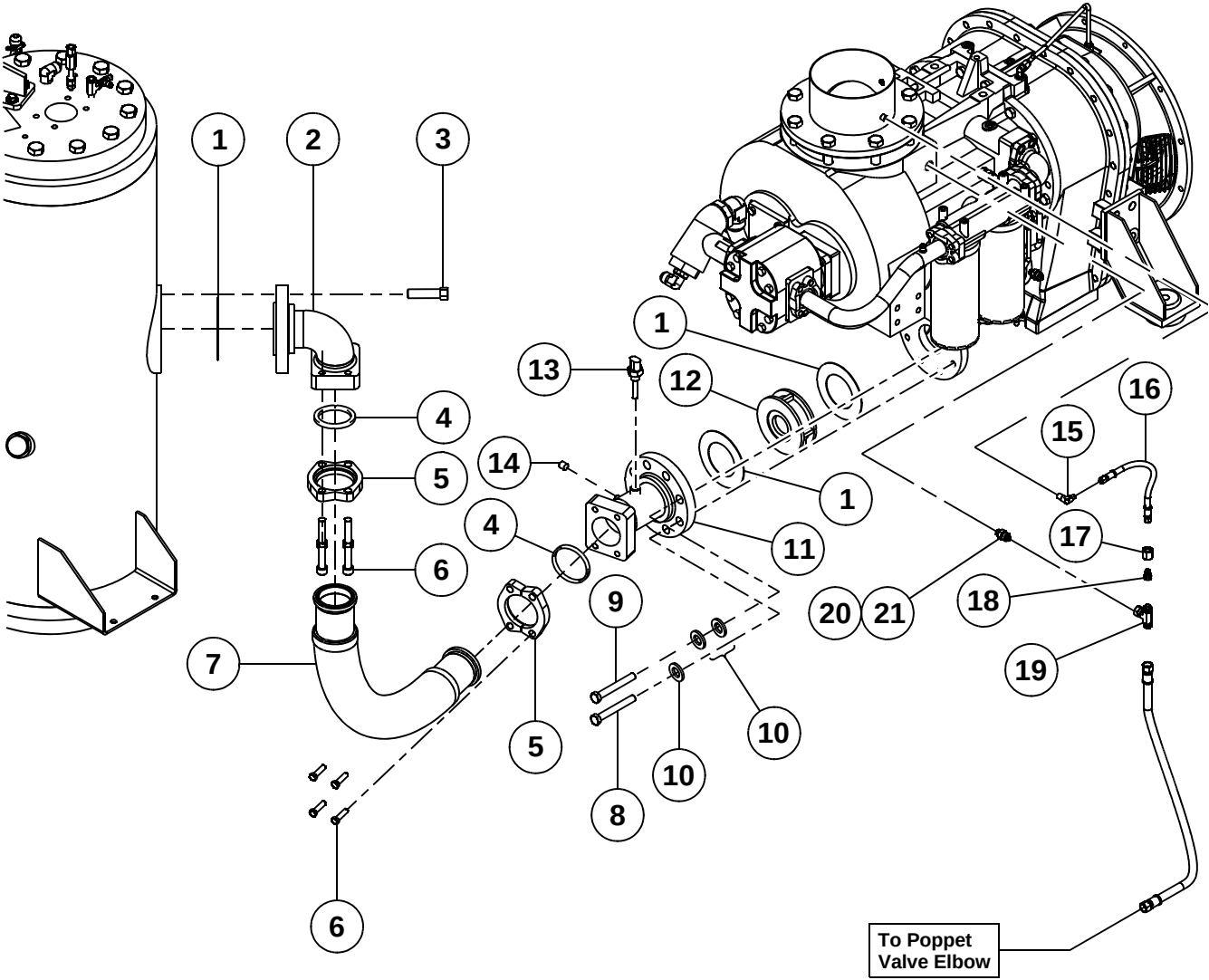
Airend - Streetside Piping



Airend - Curbside Piping

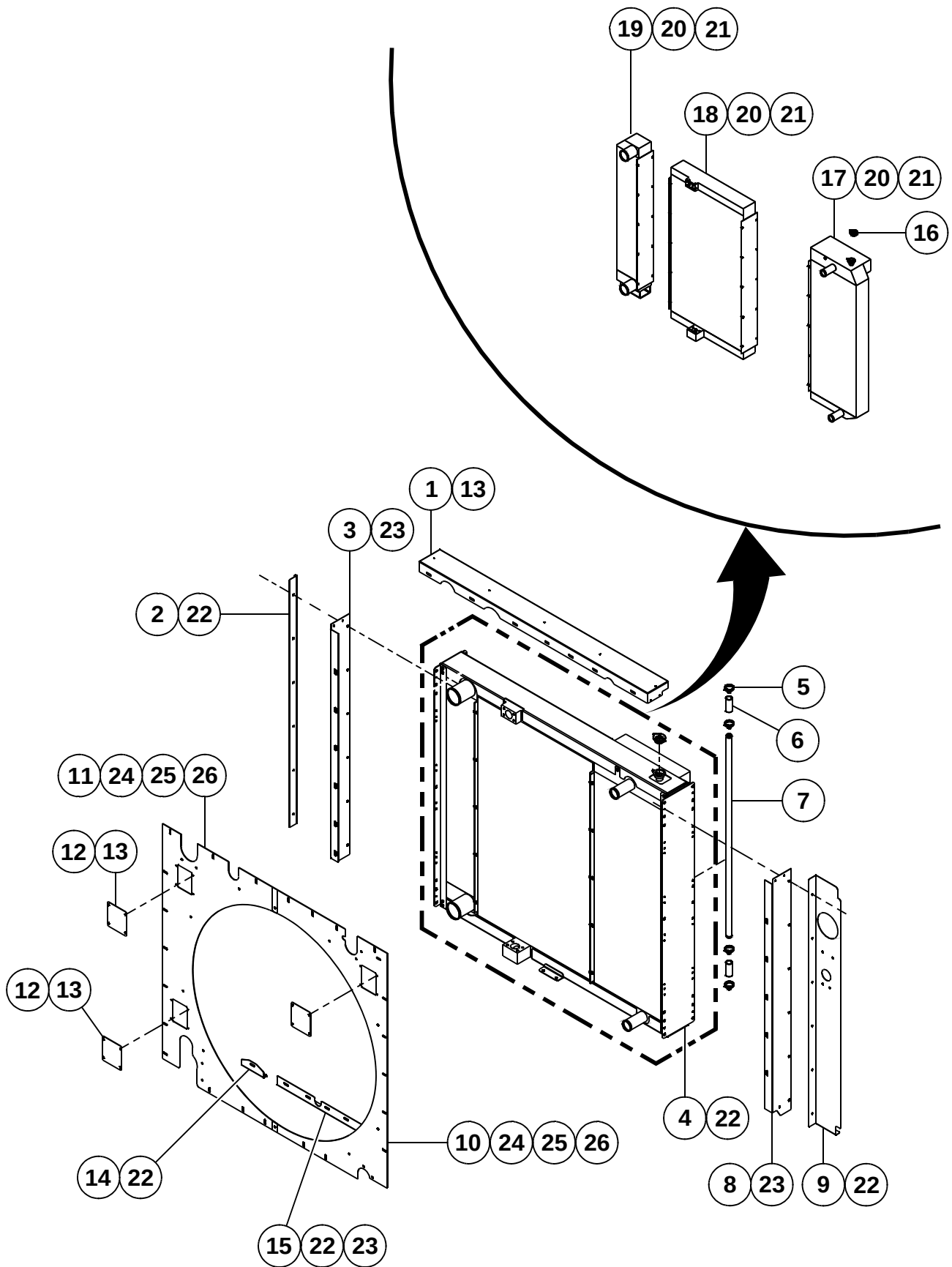


Airend Discharge Piping



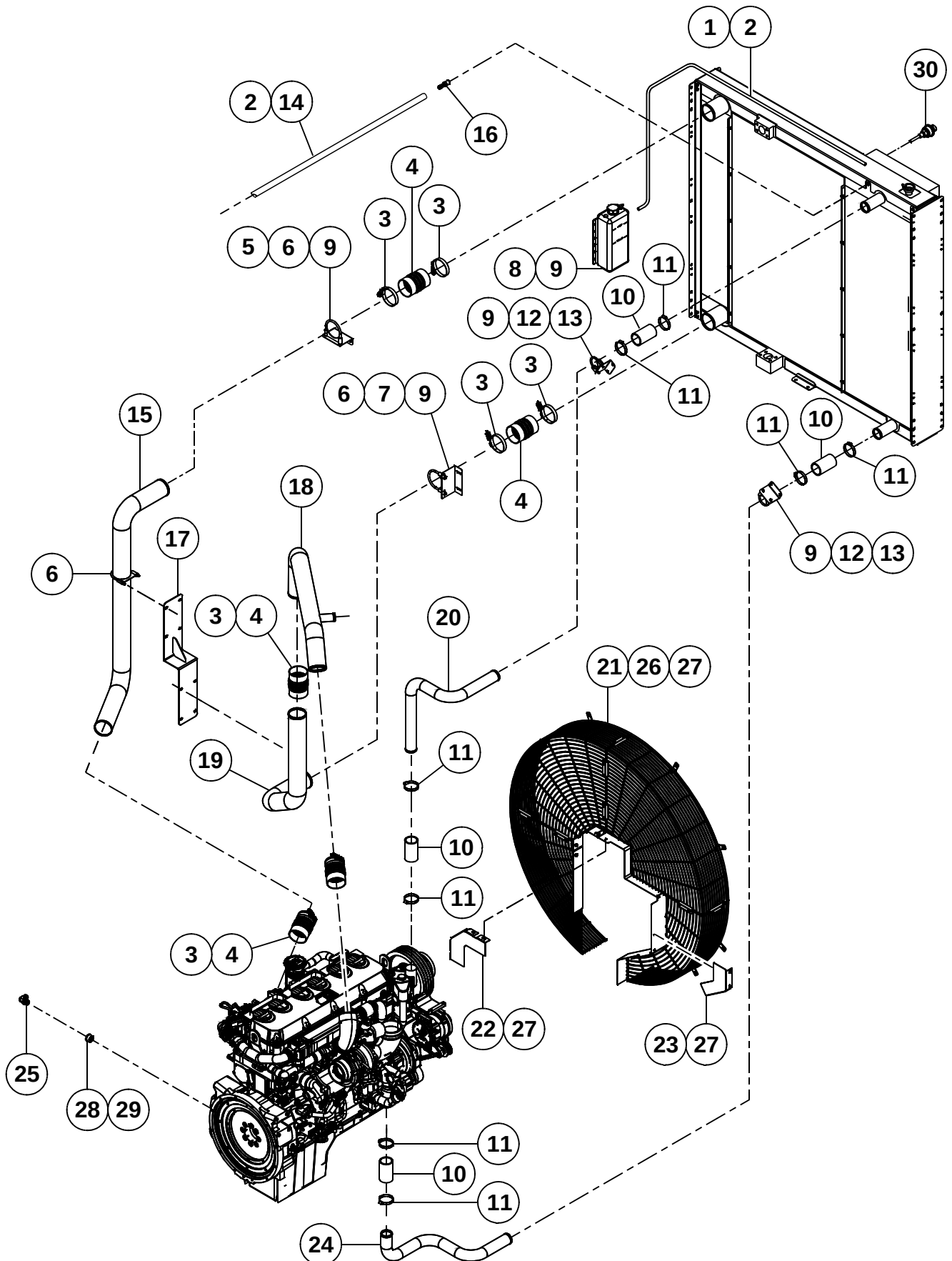
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	95225116	Gasket, Ring	3	
2	46560718	Elbow, Discharge 3"	1	
3	95934386	Screw, Hex 3/4" - 10 X 2-1/4"	8	
4	95358040	O-Ring, 3.38" ID X 0.125" Cross Section	2	
5	95016283	Flange, Split Half 3"	4	
6	95013728	Screw, Hex Socket 5/8" - 11 X 2-1/2"	8	
7	46570099	Hose, Discharge 3"	1	
8	35376094	Screw, Hex M16 - 2.0 X 120	4	
9	96705504	Screw, Hex M16 - 2.0 X 110	4	
10	95935052	Washer, Flat 5/8" ID	12	
11	46572639	Adapter, Discharge 3"	1	
12	22226922	Valve, Check 3" Wafer	1	
13	23294820	Sensor, Temperature 3/8" NPT	1	
14	95928230	Plug, Hex Counter Sink 1/4" NPT	1	
15	35283464	Elbow, 90° 1/4" NPT X -4 JIC	1	
16	35282904	Hose, -4 JIC X 11-1/2"	1	
17	35296219	Nut, Tube -8 JIC	1	
18	35299734	Reducer, Tube -8 JIC X -4 JIC	1	
19	95642484	Tee, Swivel Nut Branch -8 JIC	1	
20	35287895	Connector, 9/16" - 18 X -8 JIC	1	
21	35278571	O-Ring, 0.47" ID X 0.078" Cross Section	1	

Cooler Package



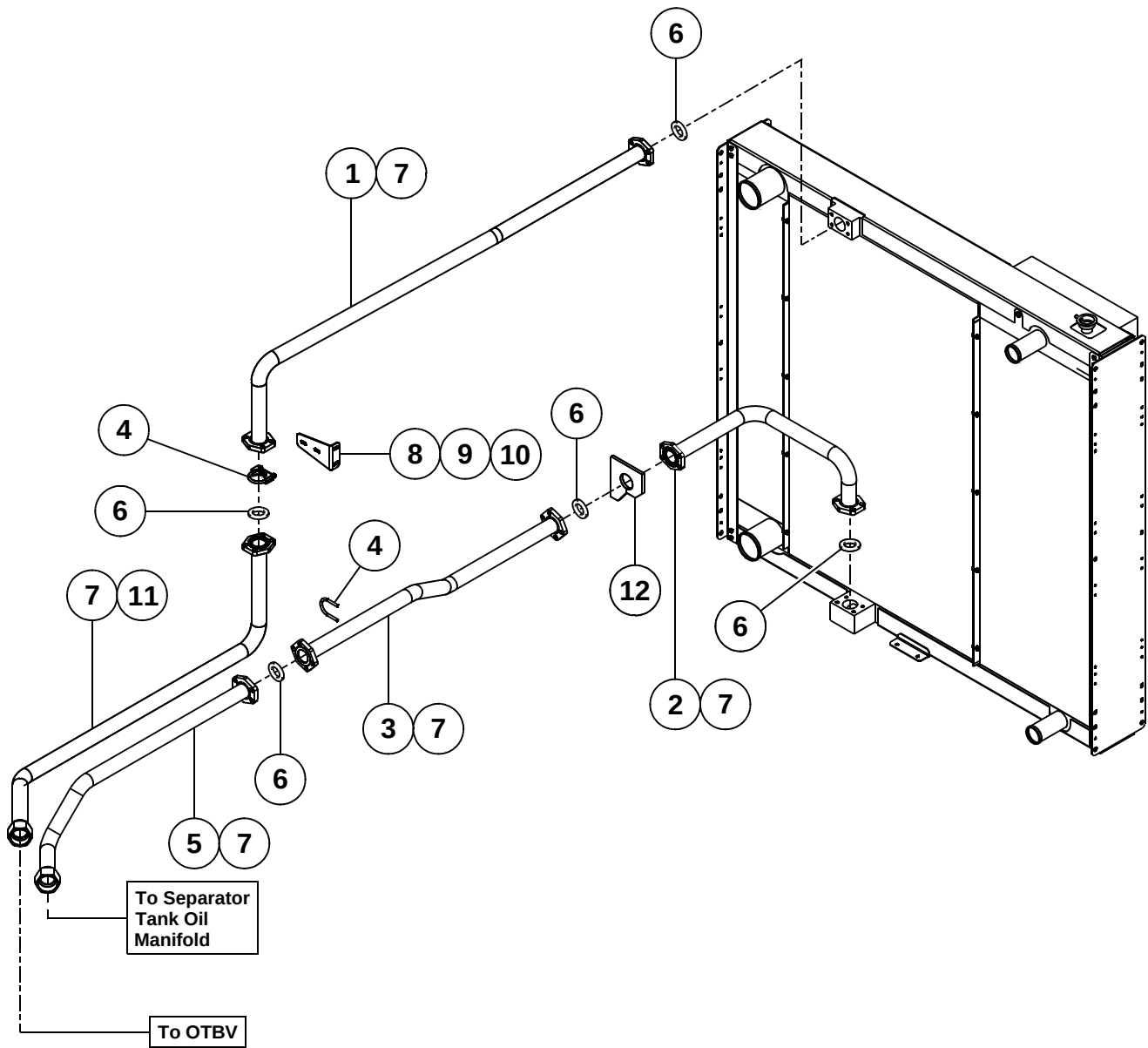
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46554022	Panel, Cooler Top	1	
2	46556936	Bracket, Cooler	1	
3	46554018	Panel, Cooler Side	1	
4	46587439	Cooler, Triple Pack Assembly	1	
5	95220851	Clamp, Hose Wormgear 13/16" - 1-1/2" ID	4	
6	35286327	Hose, 3/4" ID (2 pcs @ 4" ea)	8"	
7	46587501	Tube, Radiator Make-Up	1	
8	46554019	Panel, Cooler Side	1	
9	46556935	Baffle, Cooler Radiator Side	1	
10	46554021SA	Plate, Streetside Fan Orifice	1	
11	46569859SA	Plate, Curbside Fan Orifice	1	
12	54661426	Cover, Cooler Access	3	
13	36797652	Screw, Tapping M06 - 1.0 X 12	12	
14	46554029	Angle, Fan Orifice Mounting CAC Side	1	
15	46560079	Angle, Fan Orifice Mounting	1	
16	22078190	Cap, Radiator	1	
17	46587440	Radiator	1	
18	46569639	Cooler, Oil	1	
19	46569086	Cooler, CAC	1	
20	96702816	Screw, Hex M08 - 1.25 X 16	36	
21	36881886	Nut, Hex Flange M08 - 1.25	20	
22	35279025	Screw, Tapping M08 - 1.25 X 20	26	
23	35346741	Nut, Retainer 5/16" - 18	24	
24	35144336	Screw, Hex Flange Lock 5/16" - 18 X 3/4"	24	
25	36895746	Nutsert, Hex M08 - 1.25	16	
26	36921344	Nutsert, Hex M06 - 1.0	12	

Radiator and CAC Piping



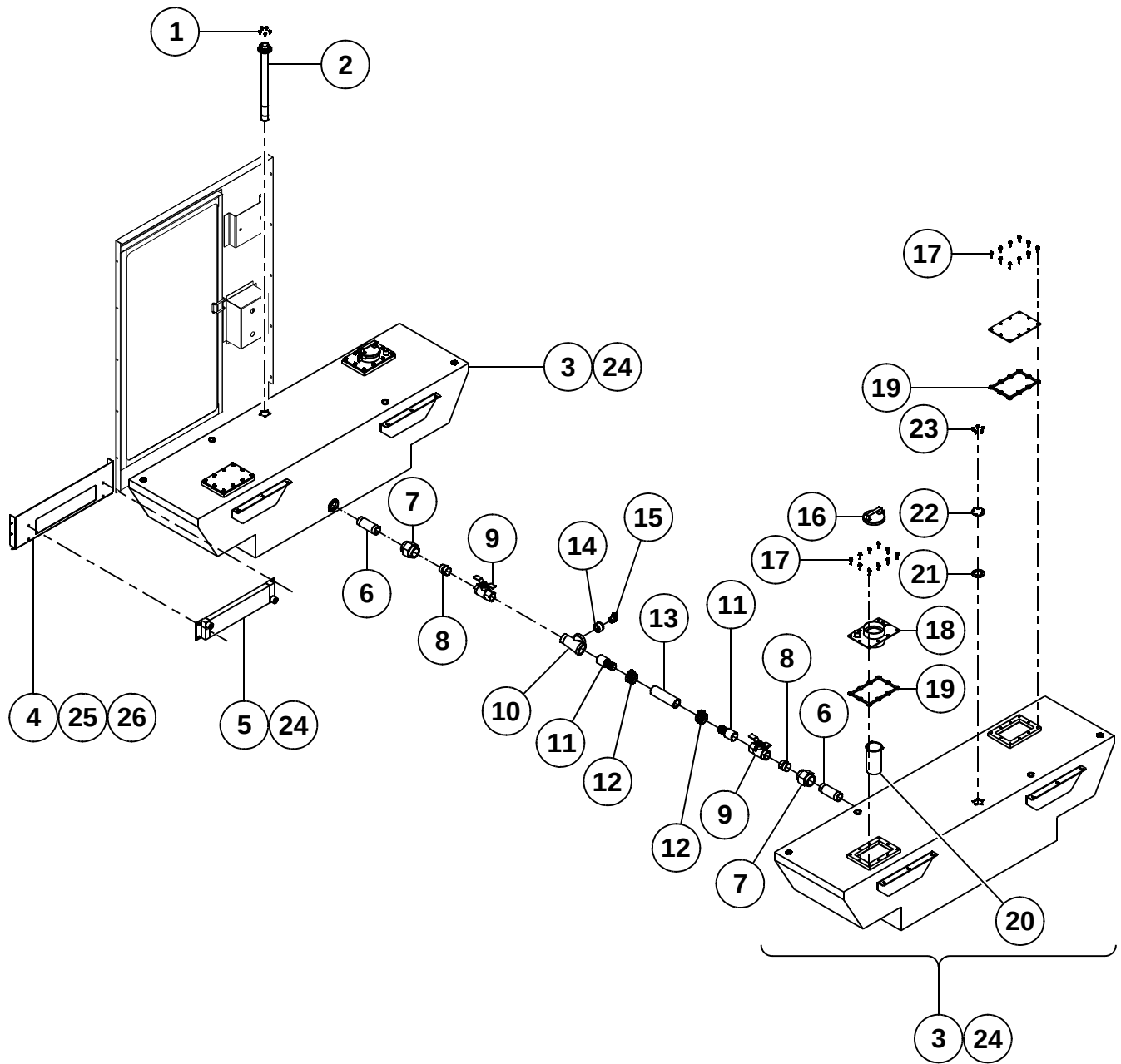
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35363498	Hose, Fuel 5/16"	105	
2	95264776	Clamp, Hose Wormgear 7/16" - 3/4" ID	4	
3	54444427	Clamp, Spring Loaded T-Bolt 4" - 4-5/16" ID	10	
4	54422522	Connector, 4" Ribbed	5	
5	46556309	Bracket, CAC Tube Clamp	1	
6	35111731	Clamp, Saddle 4" ID	6	
7	46569559	Bracket, CAC Piping Support	1	
8	36845600	Bottle, Radiator Overflow	1	
9	35279025	Screw, Tapping M08 - 1.25 X 20	12	
10	35330570	Hose, Connector (4 pcs @ 6" ea)	24"	
11	35222017	Clamp, Hose Wormgear 2-1/4" - 3" ID	8	
12	35209048	Clamp, Saddle 2-1/2" ID	2	
13	46556308	Bracket, Radiator Tube Clamp	2	
14	35285600	Hose, Fuel 3/8" ID	80"	
15	46574039	Tube, CAC Outlet	1	
16	35310598	Adapter, Barbed 3/8" Hose X 1/4" NPT	1	
17	46574579	Bracket, Mounting CAC Tubes	1	
18	46573939	Tube, Turbo Outlet	1	
19	46573626	Tube, CAC Inlet	1	
20	46555644	Tube, Engine Water Outlet	1	
21	46556257	Guard, Fan	1	
22	46607239	Guard, Fan Pulley	1	
23	46599019	Guard, Idler Pulley Belt	1	
24	46555643	Tube, Engine Water Inlet	1	
25	95981338	Elbow, 90° O-Ring 3/4" - 16 X 1-1/16" - 12	1	
26	36881886	Nut, Hex Flange M08 - 1.25	22	
27	36889608	Screw, Hex Flange M08 - 1.25 X 25	40	
28	46611203	Bushing, Engine Oil Pan Drain	1	
29	46613639	O-Ring, Engine Oil Pan Drain Bushing	1	
30	22102339	Switch, Coolant Level	1	

Oil Cooler Piping



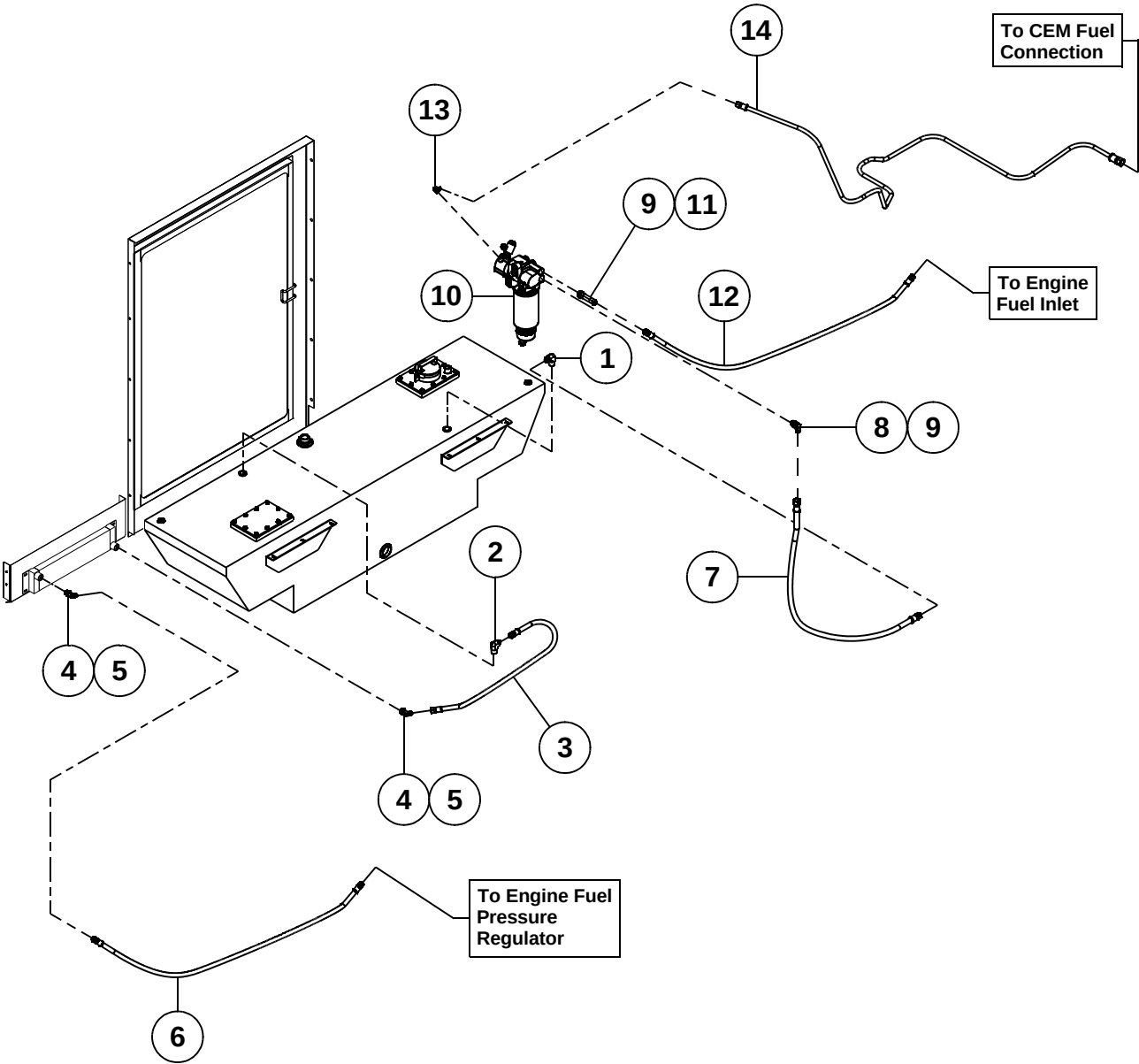
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46556178	Tube, Oil Cooler Outlet	1	
2	46554068	Tube, Oil Cooler Inlet	1	
3	46556022	Tube, Oil Cooler Inlet Center	1	
4	35192178	Clamp, Saddle 2" ID	2	
5	46556055	Tube, Oil Manifold Outlet	1	
6	95357976	O-Ring, 2.25" ID X 0.125" Cross Section	5	
7	95920708	Screw, Hex 1/2" - 13 X 1-1/2"	20	
8	46557187SB	Bracket, Oil Piping	1	
9	36880995	Screw, Hex Flange M10 - 1.5 X 30	2	
10	36879195	Nut, Hex Flange M10 - 1.5	2	
11	46607820	Tube, Oil Cooler Outlet to OTBV	1	
12	46570059	Seal, Oil Tube	1	

Fuel Tank Assemblies and Mount



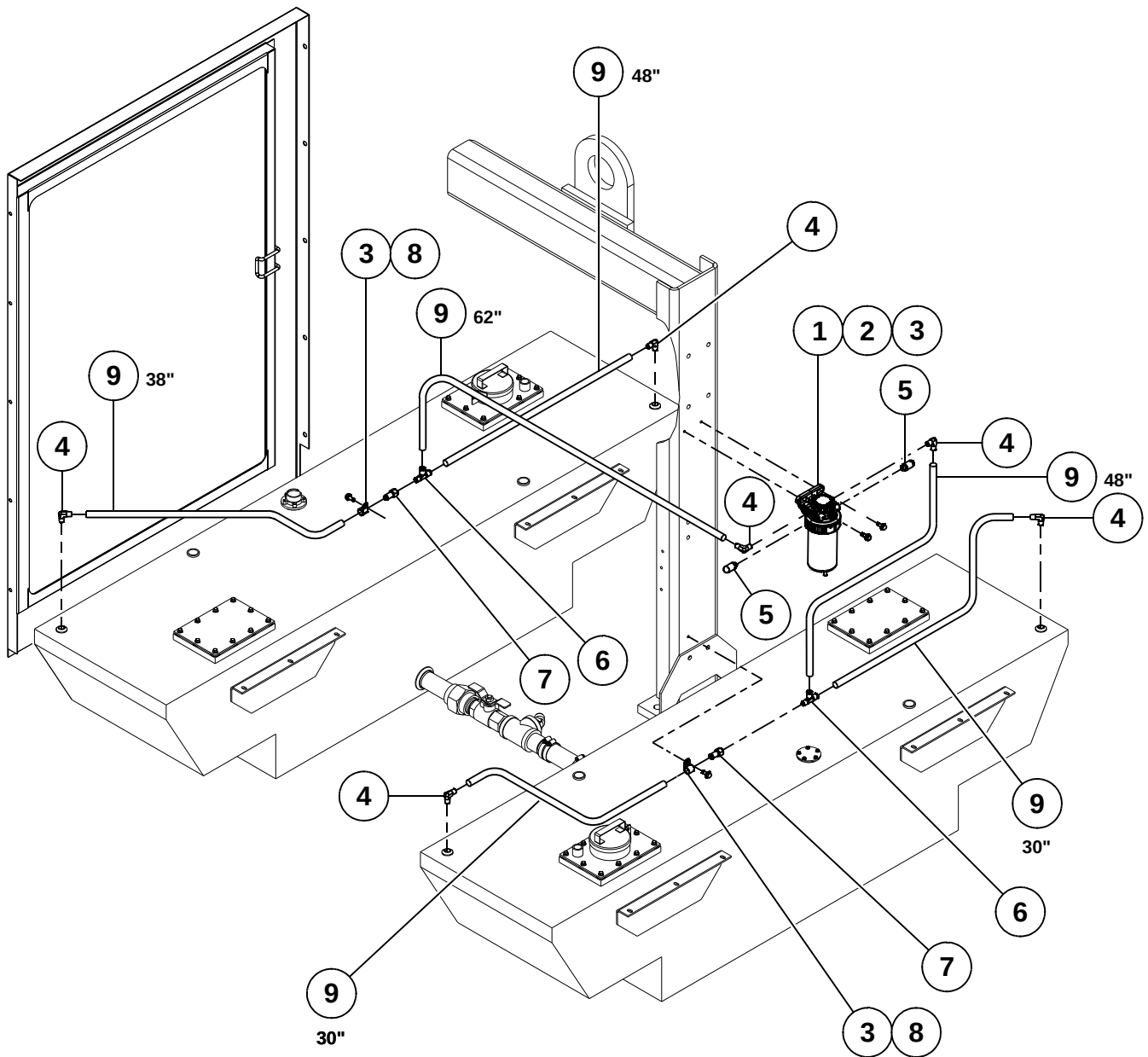
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36842102	Screw, Tapping #10 - 32 X 1"	5	
2	46565980	Sender, Fuel Level	1	
3	46553054	Tank, Fuel	2	
4	46551923GA	Bracket, Fuel Cooler (No Aftercooler)	1	
5	46556896	Cooler, Fuel	1	
6	46591839	Nipple, 1-1/2" NPT X 5-1/2"	2	
7	95592283	Union, Female 1-1/2" NPT	2	
8	95487773	Nipple, Close 1-1/2" NPT X 1-3/4"	2	
9	46586499	Valve, Ball 1-1/2" NPT Tee Handle	2	
10	95954285	Tee, Street 1-1/2" NPT	1	
11	54762190	Fitting, Barbed 1-1/2" NPT X 2" Hose	2	
12	35221662	Clamp, Worm Gear 1-5/16" ID	4	
13	46592422	Hose, Fuel Tank Crossover	1	
14	95953873	Bushing, Reducing 1-1/2" NPT X 3/4" NPT	1	
15	95279105	Elbow, 45° 3/4" NPT X 3/4" Tube	1	
16	36845014	Cap, Fuel Filler	1	Per Tank
17	35252451	Screw, Hex Lock 1/4" - 20 X 1"	20	Per Tank
18	23148737	Cover, Fuel Fill	1	Per Tank
19	35389964	Gasket, Cover	2	Per Tank
20	36845022	Strainer, Fuel Tank	1	Per Tank
21	35361849	Gasket, Fuel Level Sender	1	Per Tank
22	35111855	Cover, Fuel Tank Gauge Flange	1	
23	35252279	Screw, Tapping #10 - 32 X 1/2"	5	
24	35279025	Screw, Tapping M08 - 1.25 X 20	28	
25	36797652	Screw, Tapping M06 - 1.0 X 12	4	
26	36895746	Nutsert, Hex M08 - 1.25	4	

Fuel System Piping



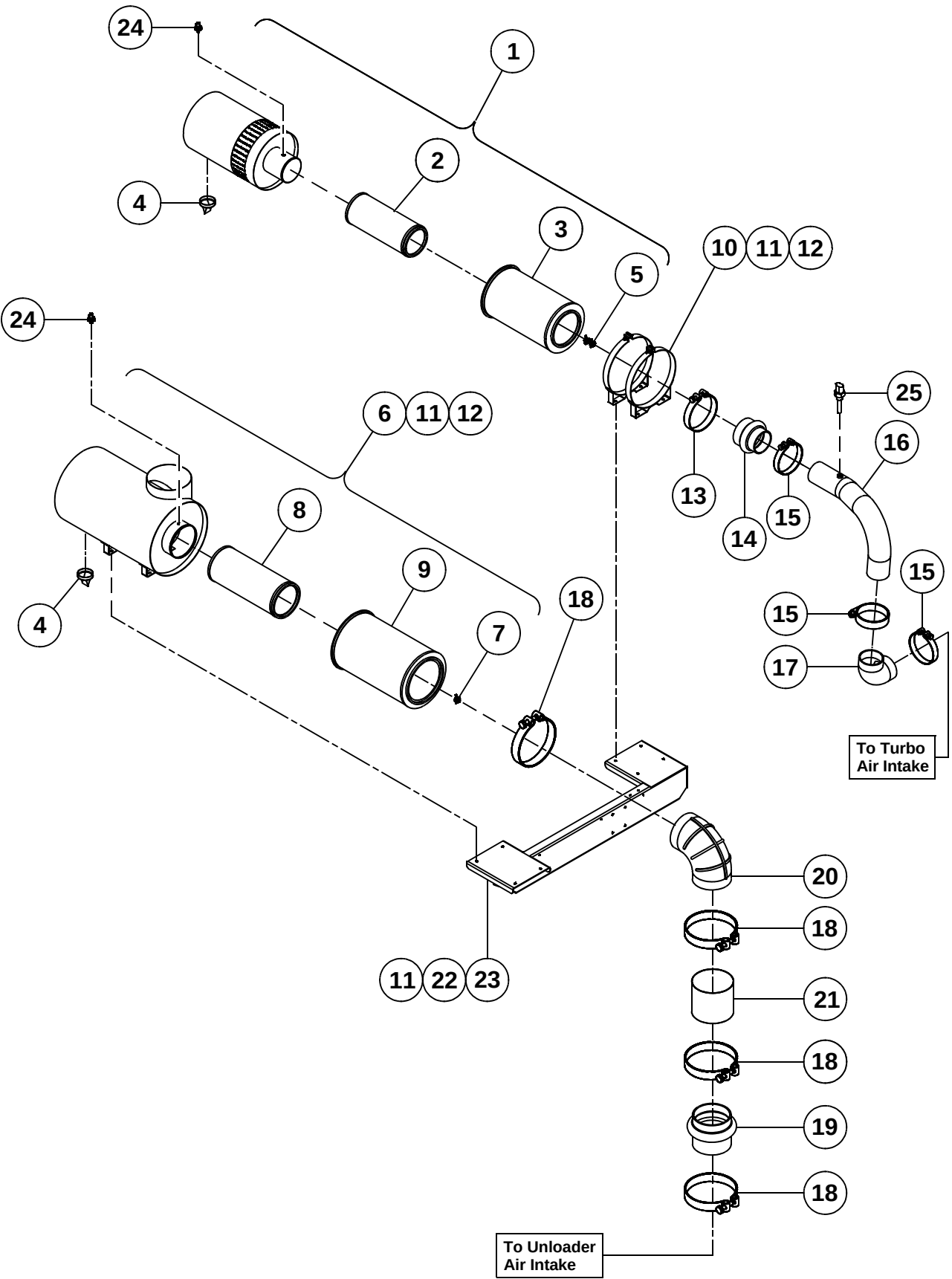
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	95279394	Elbow, 90° 3/4" NPT X -10 JIC	1	
2	35287044	Elbow, 90° 3/4" NPT X -8 JIC	1	
3	35310234	Hose, -8 JIC X 58"	1	
4	35279819	Elbow, 45° 3/4" - 16 O-Ring X -8 JIC Swivel	2	
5	35278589	O-Ring, 0.644" ID X 0.087" Cross Section	2	
6	22141774	Hose, -8 JIC X 120"	1	
7	35325083	Hose, -10 JIC X 34"	1	
8	35286491	Elbow, 90° 7/8" - 14 X -10 JIC	1	
9	35286533	O-Ring, 0.75" ID X 0.097" Cross Section	2	
10	CAT Part	Filter, Primary Fuel	1	
11	46556984	Elbow, 90° Long -10 SAE X -10 JIC	1	
12	35121847	Hose, -10 JIC X 48"	1	
13	35279827	Elbow, 90° O-Ring 9/16" - 18 X -6 JIC	1	
14	46556983	Hose, -6 CEM Fuel Supply	1	

Fuel Tank Vent Piping



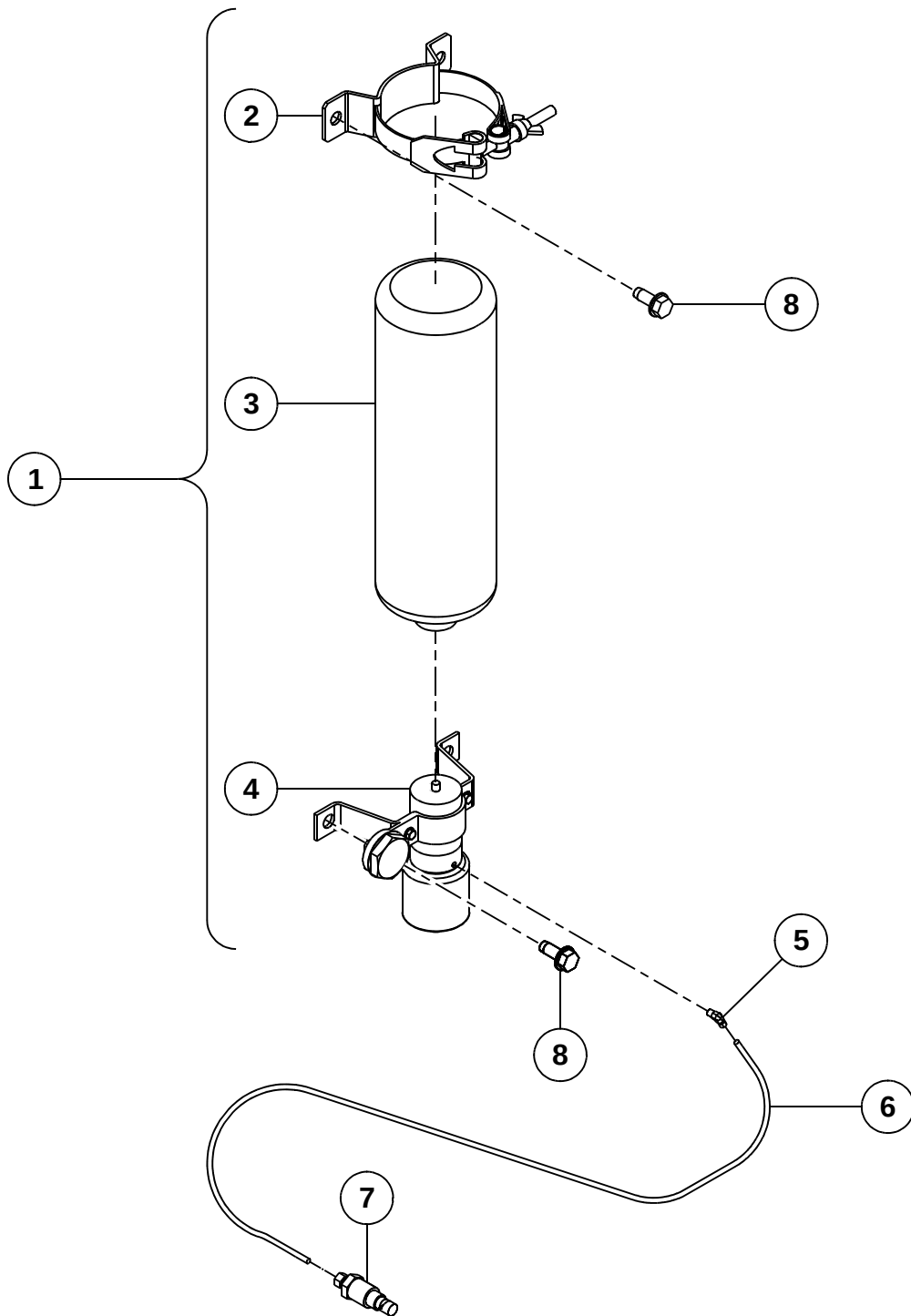
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46591539	Filter Assembly, T4i Fuel Tank Vent	1	As Noted
2	46594960	Element, T4i Fuel Tank Vent Filter	1	
3	35279025	Screw, Tapping M08 - 1.25 X 20	4	
4	35369354	Elbow, 90° 1/4" NPT X 3/8" Tube	6	
5	35322395	Silencer, Pneumatic 1/4" NPT	2	
6	35369503	Tee, Street 1/4" NPT X 3/8" Tube	2	
7	35369339	Connector, 1/4" NPTF X 3/8" Tube	2	
8	35225077	Clamp, Support 11/16" ID Rubber Coated	2	
9	35356484	Tubing, 3/8" OD Synflex	~	

Air Filters and Air Intake



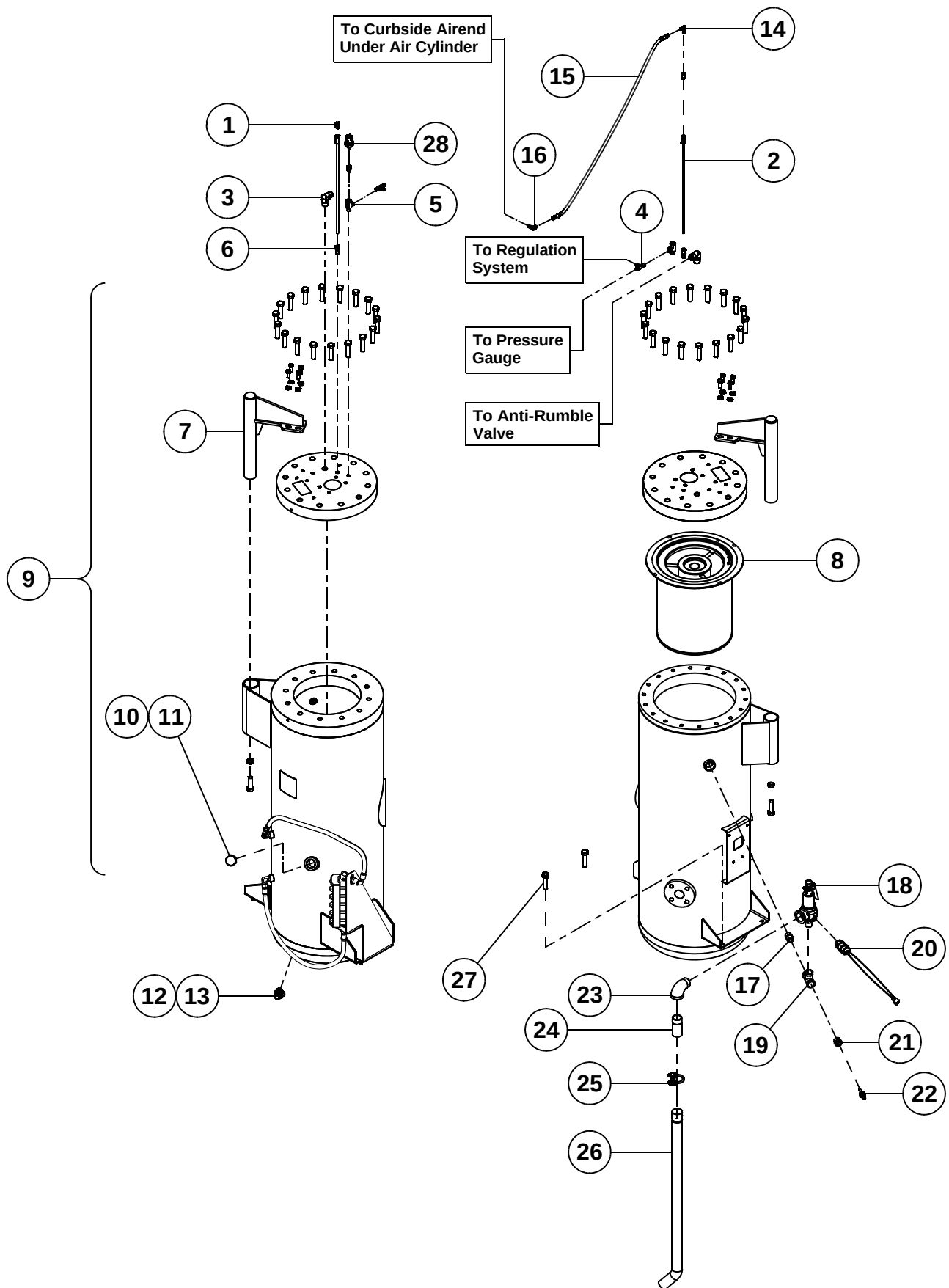
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36866242	Assembly, 14" Air Cleaner (Engine)	1	
2	36876019	Element, Safety	1	
3	36867786	Element, Primary	1	
4	36867778	Valve, Evacuator	1	
5	36867794	Nut, Wing	1	
6	36864346	Assembly, Air Cleaner (Airend)	1	
7	35388982	Nut, Wing	1	
8	36864379	Element, Safety	1	
9	36864361	Element, Primary	1	
10	35863638	Clamp, 14" Mounting	2	
11	36880995	Screw, Hex Flange M10 - 1.5 X 30	12	
12	96735550	Nut, Hex M10 - 1.5	8	
13	35116094	Clamp, T-Bolt 6-1/2" Nom.	1	
14	35264415	Hose, Hump Reducing 5" X 6"	1	
15	35161025	Clamp, T-Bolt 5-1/2" Nom.	3	
16	46555553	Tube, Engine Air	1	
17	35135300	Elbow, Rubber 5" X 90°	1	
18	35129071	Clamp, T-Bolt 8-7/8" Nom	4	
19	35120260	Hose, Hump	1	
20	35120211	Elbow, Rubber 90° Inlet	1	
21	35300110	Tube, Air Inlet Connector	1	
22	46551838SB	Bracket, Air Cleaner Support	1	
23	36879195	Nut, Hex Flange M10 - 1.5	4	
24	36847838	Switch, Vacuum	2	
25	46611204	Sensor, Engine Air Intake Temperature	1	

Cold Starting Aid



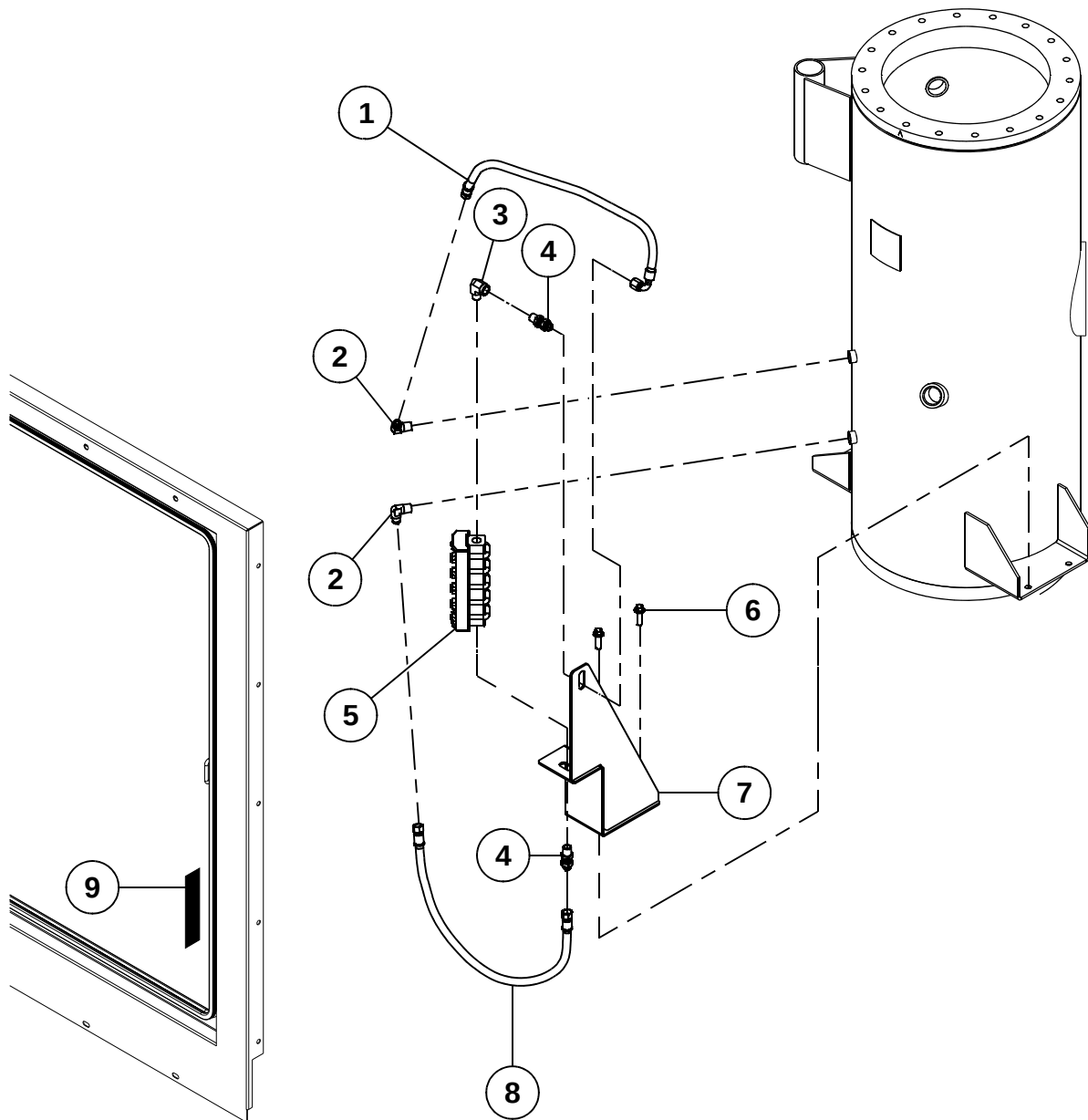
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46560664	Kit, Starting Aid	~	Not Supplied w/ Kit
2	35103506	Clamp, Cylinder	1	
3	35112911	Cylinder, Ether	1	
4	46560665	Assembly, Valve and Bracket	1	
5	46560666	Fitting, Valve	1	
6	35132174	Tube, Nylon	72"	
7	46560667	Atomizer	1	
8	36797652	Screw, Tapping M06 - 1.0 X 12	4	

Separator Tank Complete



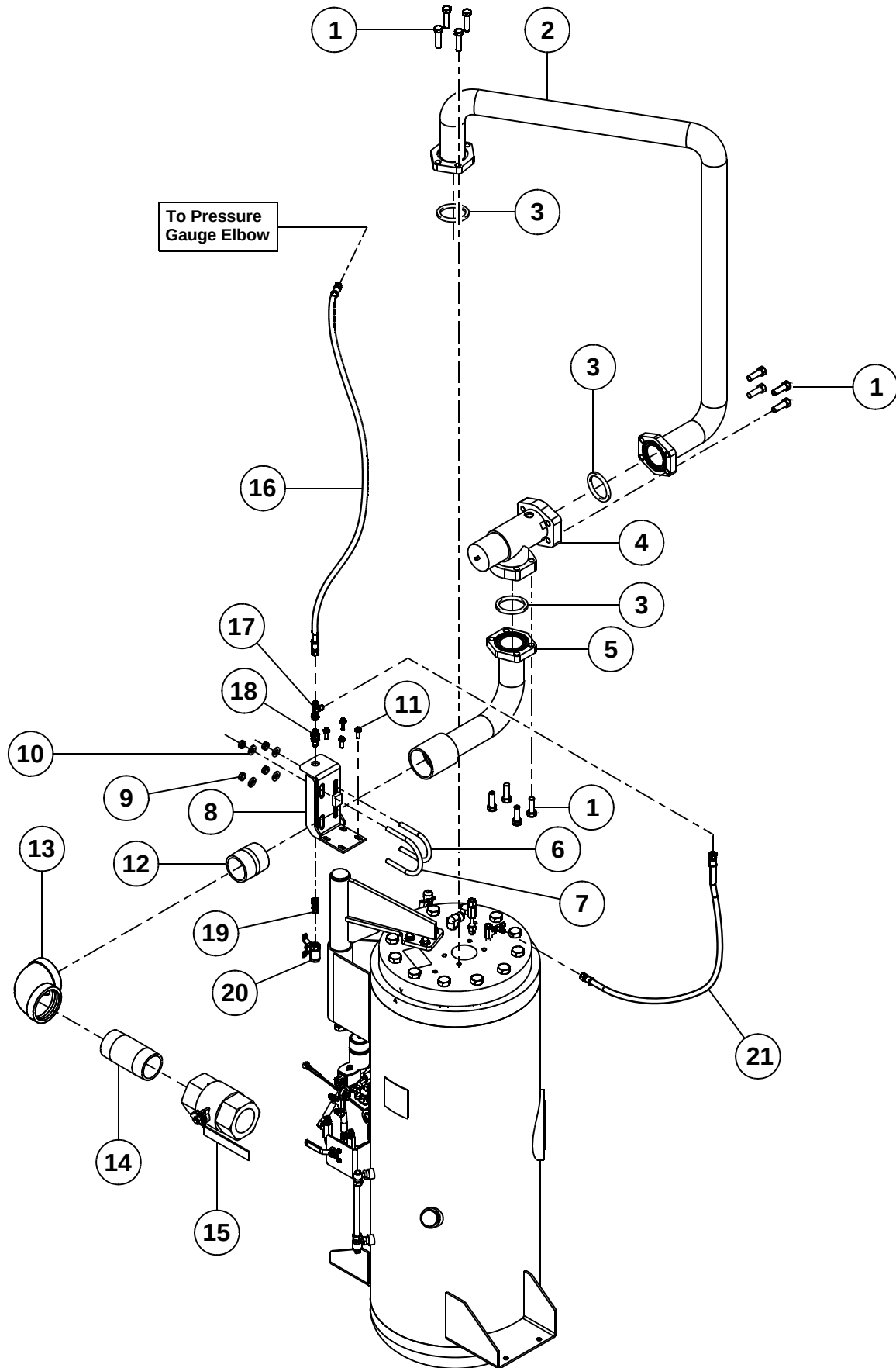
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	37081528	Orifice, 1/4" NPT X 0.063" Dia.	1	
2	46565359	Tube, Scavenge	1	
3	35294735	Elbow, 90° 3/4" NPT X -12 JIC	1	
4	35283050	Tee, Run 1/4" NPT X -6 JIC	1	
5	46547840	Tee, Male Run 1/4" NPT X 1/4" NPTF	1	
6	35329309	Fitting, Lenz	1	
7	46556166	Arm, Tank Cover Davit	1	
8	23283559	Element, Separator	1	
9	46583579	Tank, Separator	1	
10	35579630	Plug, Oil Filler	1	
11	35279942	O-Ring, 1.48" ID X 0.118" Cross Section	1	
12	35294750	Elbow, 90° O-Ring 1-1/16" - 16 X -12 JIC	1	
13	35294768	O-Ring, 0.93" ID X 0.116" Cross Section	1	
14	35283464	Elbow, 90° 1/4" NPT X -4 JIC	1	
15	35310226	Hose, -4 JIC X 74"	1	
16	95365094	Elbow, 90° O-Ring 9/16" - 18 X -4 JIC	1	
17	95928040	Nipple, Pipe 3/4" NPT	1	
18	46553971	Valve, Safety 440 PSI	1	
19	95953410	Tee, Straight 3/4" NPT	1	
20	46568519	Switch, Pressure 12 PSI	1	
21	95953956	Bushing, Reducing 3/4" NPT X 3/8" NPTF	1	
22	23294820	Sensor, Temperature 3/8" NPT	1	
23	46565659	Elbow, St. Reducer 90° 1-1/4" NPT X 1-1/2" NPT	1	
24	36764389	Nipple, Pipe 1-1/2" NPT	1	
25	35192178	Clamp, Muffler 2" ID	1	
26	46565399	Pipe, Discharge Safety Valve	1	
27	36877793	Screw, Hex Flange M16 - 2.0 X 40	2	
28	54765946	Transducer, Pressure 0 - 500 PSI	1	

Oil Level Sight Gauge



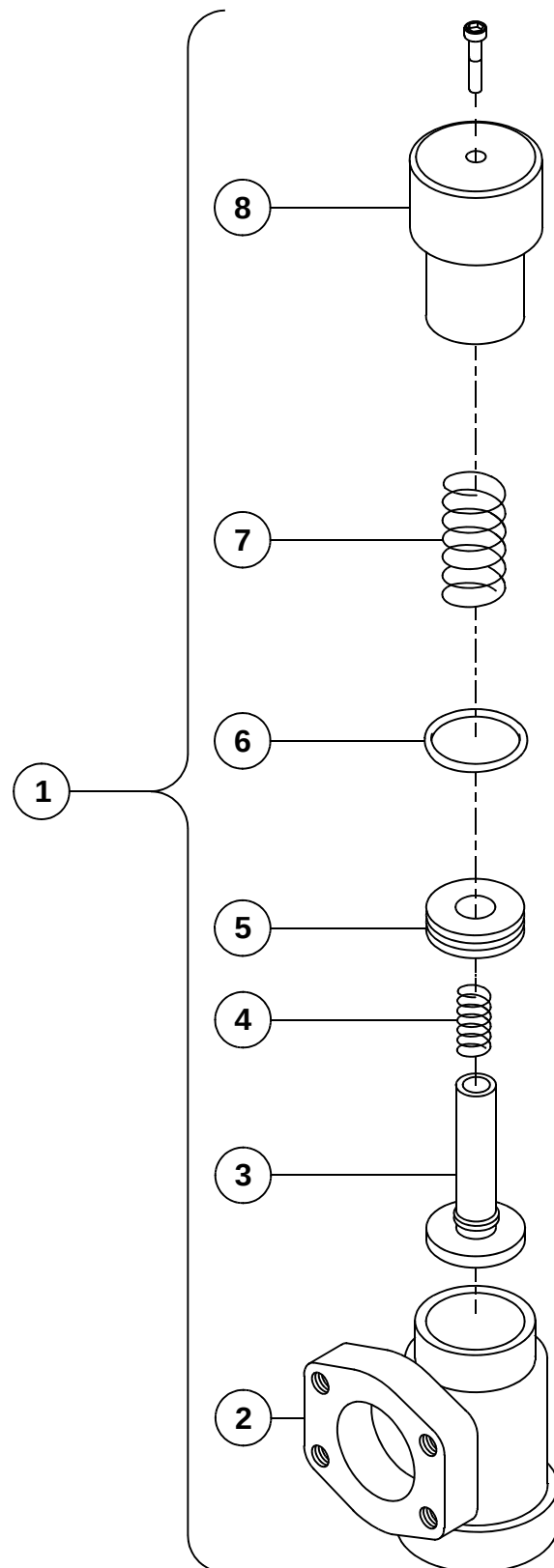
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46620994	Hose, -8 JIC Straight X -8 JIC 90° X 813 mm	1	
2	35309210	Elbow, 90° 1/2" NPT X -8 JIC	2	
3	46616419	Elbow, 90° Street 1/2" NPT	1	
4	95149969	Connector, Bulkhead 1/2" NPT X -8 JIC	2	
5	46615739	Gage, Oil Level Sight	1	
6	36877793	Screw, Hex Flange M16 - 2.0 X 40	2	
7	46615944	Bracket, Gage Mounting	1	
8	46620987	Hose, -8 JIC X 915 mm	1	
9	22383316	Decal, Oil Level	1	

Service Air Piping



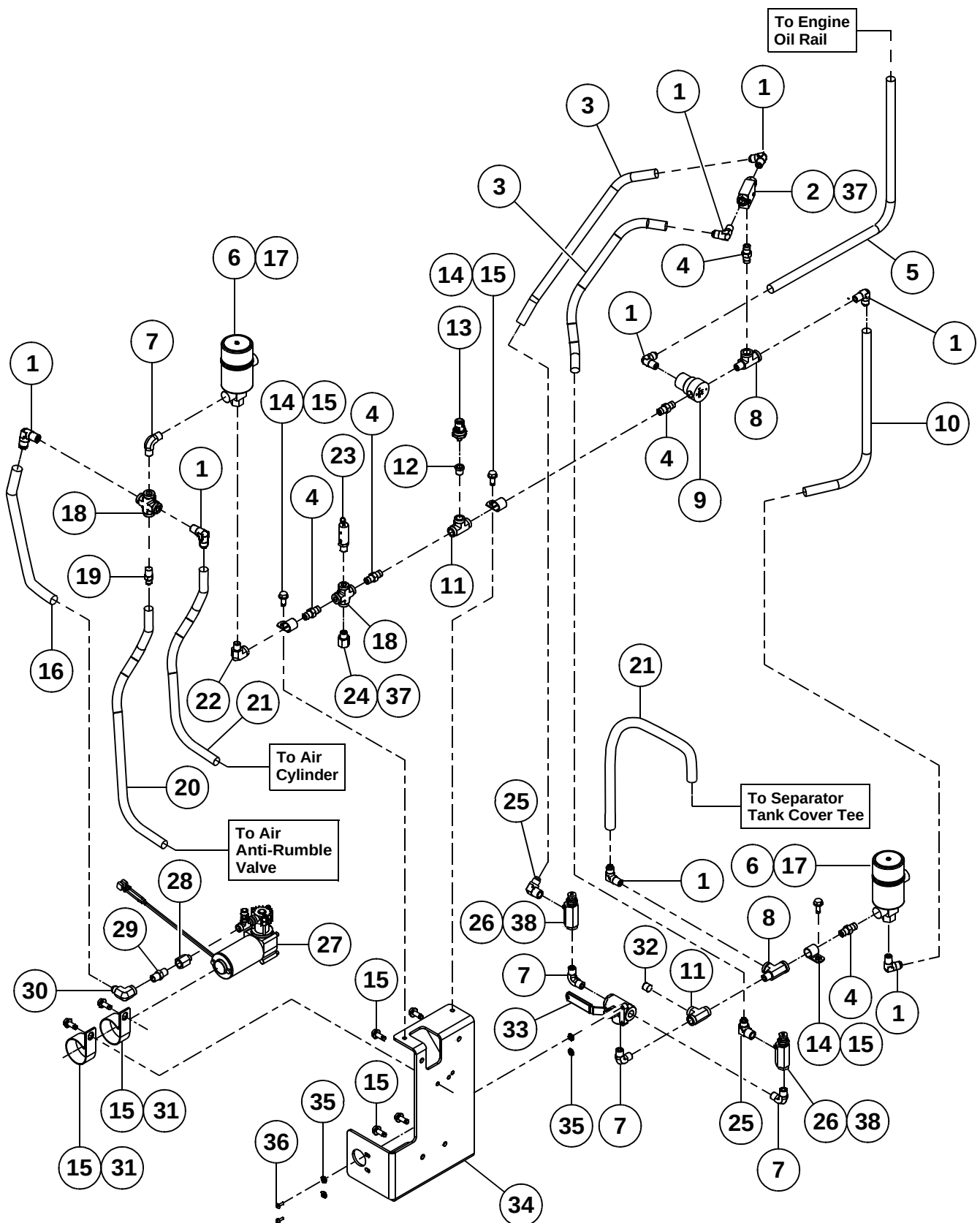
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	95929089	Screw, Hex 5/8" - 11 X 1-3/4"	12	
2	46551981	Tube, Service Air	1	
3	95358040	O-Ring, 3.38" ID X 0.125" Cross Section	3	
4	22207526	Valve, Check 3" Minimum Pressure	1	
5	22205090	Pipe, Service	1	
6	35586288	U-Bolt, 1/2" - 13 X 3"	1	
7	36799419	U-Bolt, 1/2" - 13 X 4-5/8"	1	
8	54668314	Bracket, Service Pipe Mounting	1	
9	95922902	Nut, Hex 1/2" - 13	4	
10	95935003	Washer, Flat 1/2" ID	4	
11	35279025	Screw, Tapping M08 - 1.25 X 20	4	
12	54393210	Nipple, 3" NPT w/ Orifice	1	
13	95954814	Elbow, 90° 3" NPT	1	
14	95934287	Nipple, Close 3" NPT X 2-5/8"	1	
15	22225213	Valve, 3" Ball	1	
16	35282987	Hose, -6 JIC X 34"	1	
17	35283084	Tee, Swivel Run -6 JIC	1	
18	35336189	Connector, Bulkhead -6 JIC	1	
19	35367846	Connector, Swivel Nut 1/4" NPT X -6 JIC	1	
20	23299472	Valve, Ball 1/4" NPT	1	
21	35283290	Hose, -6 JIC X 62"	1	

Minimum Pressure Check Valve



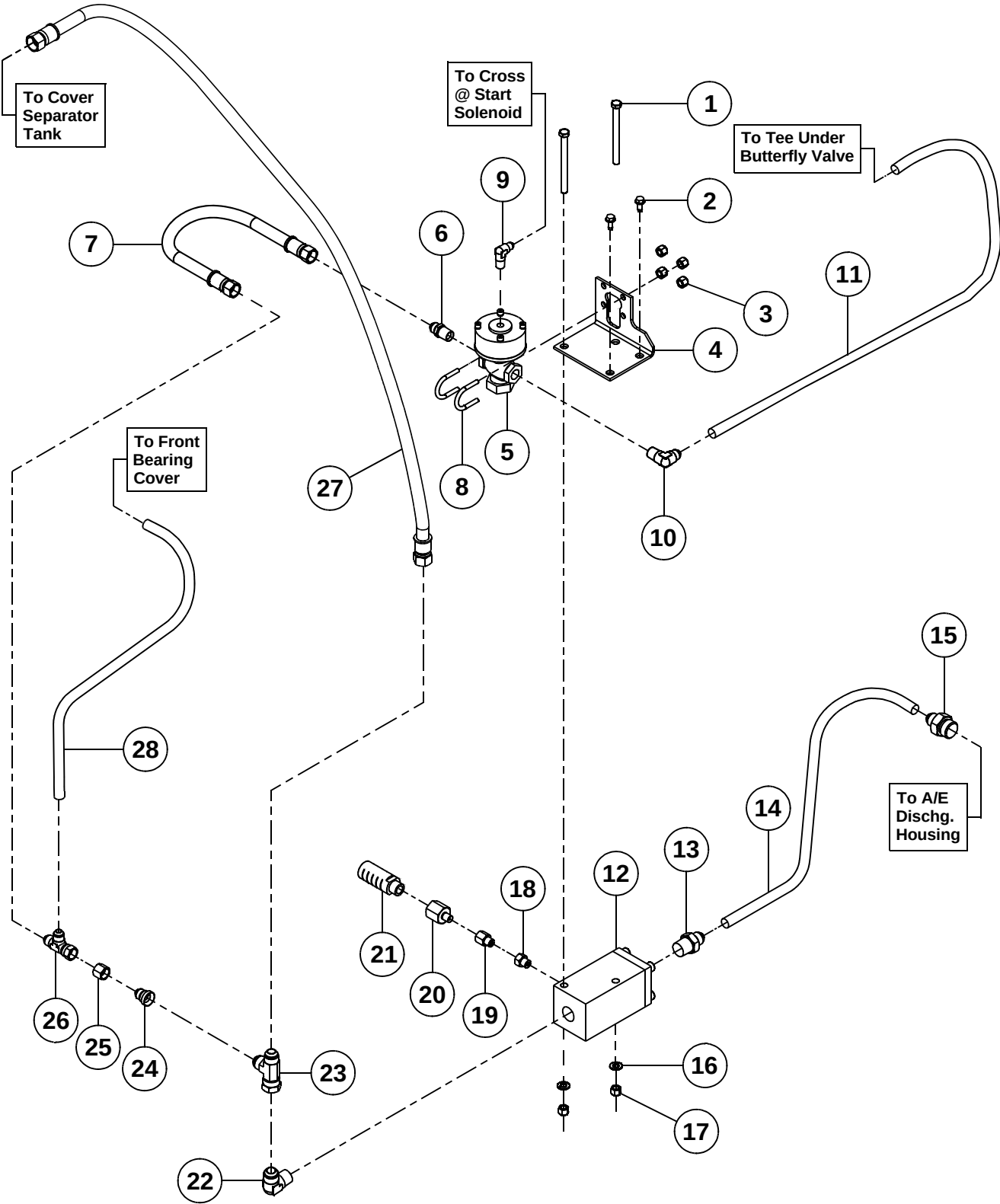
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22207526	Valve, Check 3" Minimum Pressure	1	
2	54699731	Body, Check Valve	1	
3	54699764	Assembly, Check Valve	1	
4	54699749	Spring, Check Valve	1	
5	54699772	Assembly, Piston Min. Pressure Check Valve	1	
6	54699756	O-Ring, Minimum Pressure Check Valve	1	
7	54699798	Spring, Main	1	
8	22208342	Assembly, Cap	1	

Regulation Piping



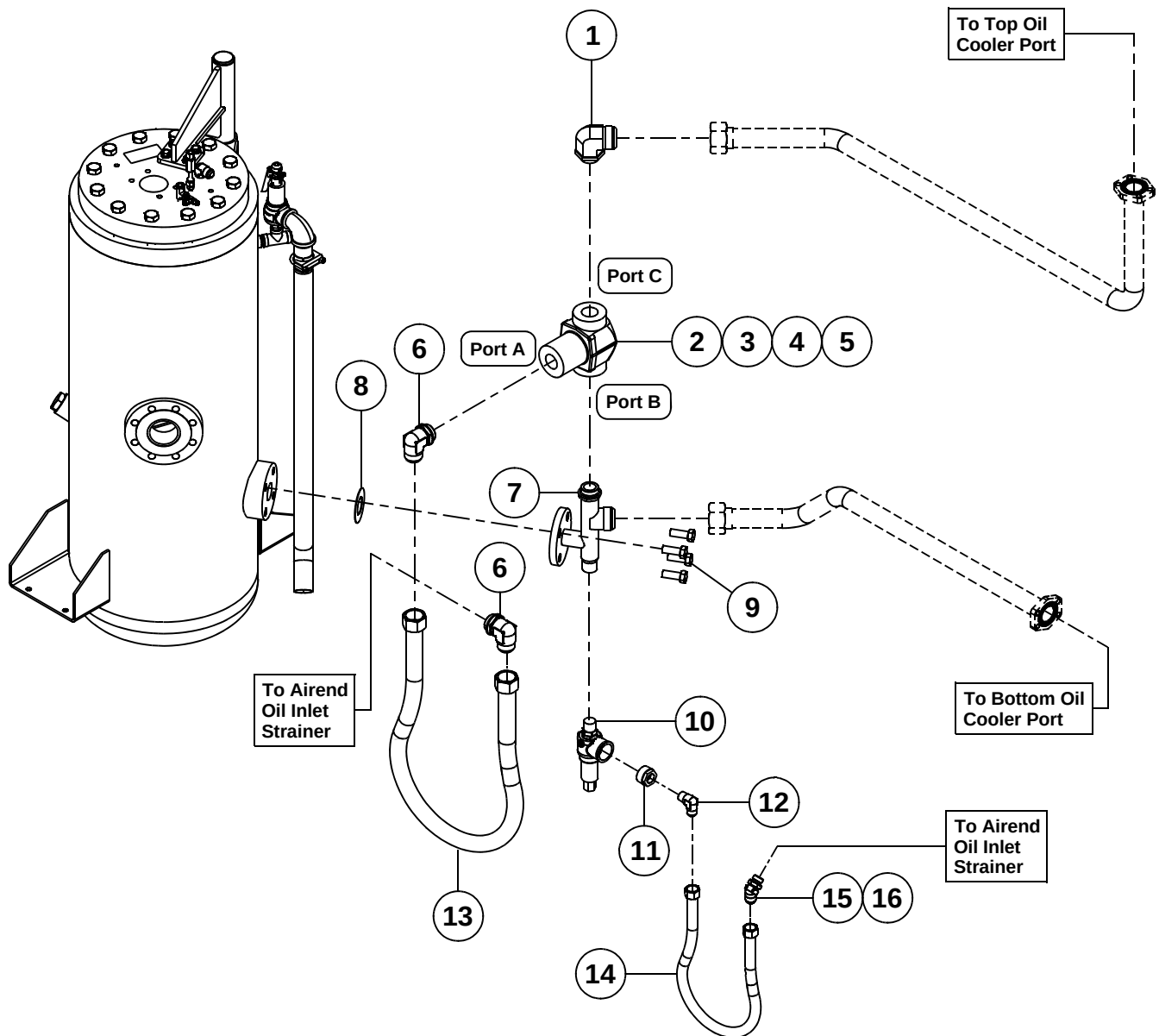
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46547881	Elbow, 90° 1/4" NPT X 3/8" Tube	8	
2	46547873	Valve, Shuttle 1/4" NPT	1	
3	46547972	Hose, -6 JIC X 575 mm	2	
4	46547816	Nipple, Hex 1/4" NPT	5	
5	36922805	Hose, -6 JIC X 114 mm	1	
6	46553075	Valve, Solenoid 1/4" NPT	2	
7	46547865	Elbow, 90° Male 1/4" NPT	4	
8	46547840	Tee, Male Run 1/4" NPT X 1/4" NPTF	2	
9	36920445	Valve, Regulation Shutoff	1	
10	46548079	Hose, -6 JIC X 535 mm	1	
11	46547824	Tee, 1/4" NPT	2	
12	46547857	Bushing, Reducer 1/4" NPT X 1/8" NPTF	1	
13	36920825	Transducer, Pressure 0 - 100 PSI	1	
14	35225077	Clamp, Support 11/16" ID Rubber Coated	3	
15	35279025	Screw, Tapping M08 - 1.25 X 20	9	
16	46547964	Hose, -6 JIC X 350 mm	1	
17	46499687	Heater, 7/8" Hex 24VDC	2	
18	46547790	Cross, 1/4" NPT	2	
19	35283472	Connector, 1/4" NPT X -4 JIC	1	
20	54718911	Hose, -4 JIC X 70"	1	
21	35283027	Hose, -6 JIC X 56-1/2"	2	
22	46602099	Elbow, 90° Street 1/4" NPTF	1	
23	22225205	Valve, Safety 150 PSI	1	
24	37081528	Orifice, 1/4" NPT X 0.063" Dia.	1	
25	46548087	Elbow, 90° 1/8" NPT X 3/8" Tube	2	
26	35315795	Valve, Regulator	2	
27	46576919	Compressor, 24 VDC	1	
28	46547923	Adapter, 1/4" NPTF X 1/8" NPT	1	
29	35248145	Valve, 1/4" NPT Check	1	
30	35280098	Elbow, 90° Female 1/4" NPT X -6 JIC	1	
31	35119718	Clamp, Support 2" Rubber Coated	2	
32	46548012	Plug, Hex 1/4" NPT	1	
33	46562499	Valve, Ball 1/4" NPT 3-Way	1	
34	46570439	Bracket, Regulation Support	1	
35	95954251	Washer, Flat #10	4	
36	95095659	Screw, Round Head Phillips #10 - 24 X 1/2"	2	
37	36841526	Heater, 3/4" Hex 24VDC	3	
38	23346612	Heater, 24VDC	2	

Anti-Rumble Piping



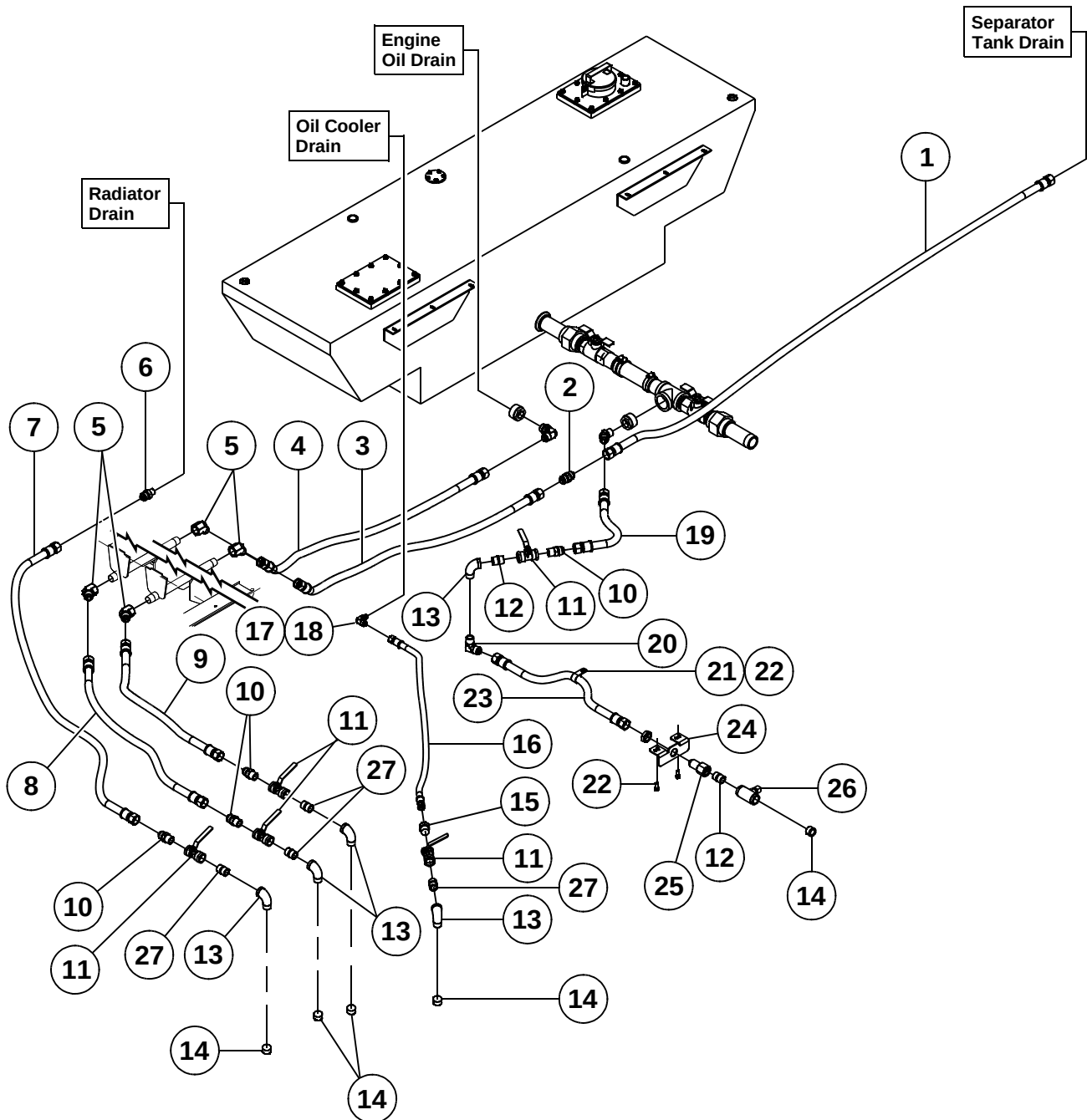
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	95934618	Screw, Hex 3/8" - 16 X 4"	2	
2	35279025	Screw, Tapping M08 - 1.25 X 20	2	
3	35144492	Nut, Hex Lock 1/4" - 20	4	
4	36842532SB	Bracket, Blowdown / Anti-Rumble Valve	1	
5	46601080	Valve, Poppet	1	
6	35286426	Adapter, 1/2" NPT X -8 JIC	1	
7	35252782	Hose, -8 JIC X 13"	1	
8	35166404	U-Bolt, 1/4" - 20 X 1-1/4" ID	2	
9	35283464	Elbow, 90° 1/4" NPT X -4 JIC	1	
10	35309210	Elbow, 90° 1/2" NPT X -8 JIC	1	
11	35298512	Hose, -8 JIC X 30"	1	
12	35849215	Valve, Auto-Blowdown	1	
13	35290147	Connector, 3/8" NPT X -6 JIC	1	
14	35284504	Hose, -6 JIC X 25"	1	
15	35296391	Connector, 3/4" NPT X -6 JIC	1	
16	95935037	Washer, Flat 3/8" ID	2	
17	35145077	Nut, Hex Lock Washer 3/8" - 16	2	
18	95944633	Bushing, Reducing 3/4" NPT X 1/4" NPT	1	
19	35322346	Connector, 0.156" Orifice	1	
20	95948501	Adapter, 1/2" NPT X 1/4" NPT	1	
21	35132299	Pneumatic, Silencer	1	
22	35294735	Elbow, 90° 3/4" NPT X -12 JIC	1	
23	35287739	Tee, Run -12 JIC	1	
24	35365774	Reducer, Tube -12 JIC X -8 JIC	1	
25	35324987	Nut, Tube -12 JIC	1	
26	35287929	Tee, Swivel Nut Run -8 JIC	1	
27	35323807	Hose, -12 JIC X 68"	1	
28	35307719	Hose, -8 JIC X 48"	1	

Oil Piping



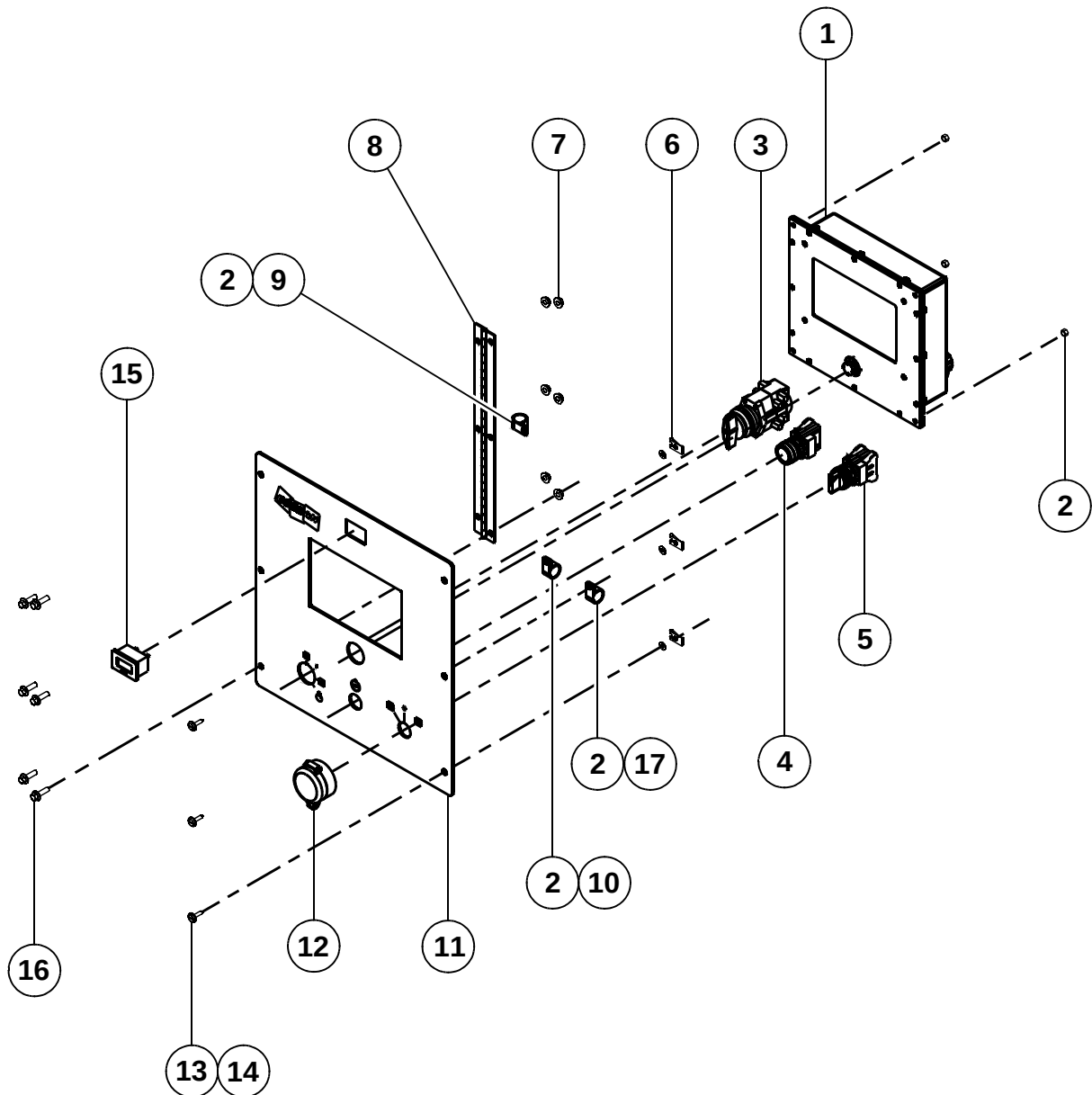
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	39481460	Elbow, 90° Male 1-7/8" - 12 X 2-1/2"-12 Tube	1	
2	36897940	Valve, Oil Temperature Bypass	1	
3	39207402	Element, 150° Temperature Thermostat	1	
4	22201271	Seal, Lip	1	
5	22201289	Screw, Lip Seal	1	
6	95431292	Elbow, 90° O-Ring 1-7/8" - 12 X 1-1/2" Tube	2	
7	46607560	Manifold, Oil	1	
8	36786580	Gasket, Flange	1	
9	95934378	Screw, Hex 3/4" - 10 X 2"	4	
10	46595801	Valve, Oil Pressure Relief	1	
11	95953873	Bushing, Reducing 1-1/2" NPT X 3/4" NPT	1	
12	35294735	Elbow, 90° 3/4" NPT X -12 JIC	1	
13	46597659	Hose, -24 JIC X 47"	1	
14	22180889	Hose, -12 JIC X 22"	1	
15	35294727	Elbow, 45° 3/4" NPT X -12 JIC	1	
16	35294768	O-Ring, 0.93" ID X 0.116" Cross Section	1	
17	39406996	O-Ring, 1.72" ID X 0.118" Cross Section	4	

Central Drains



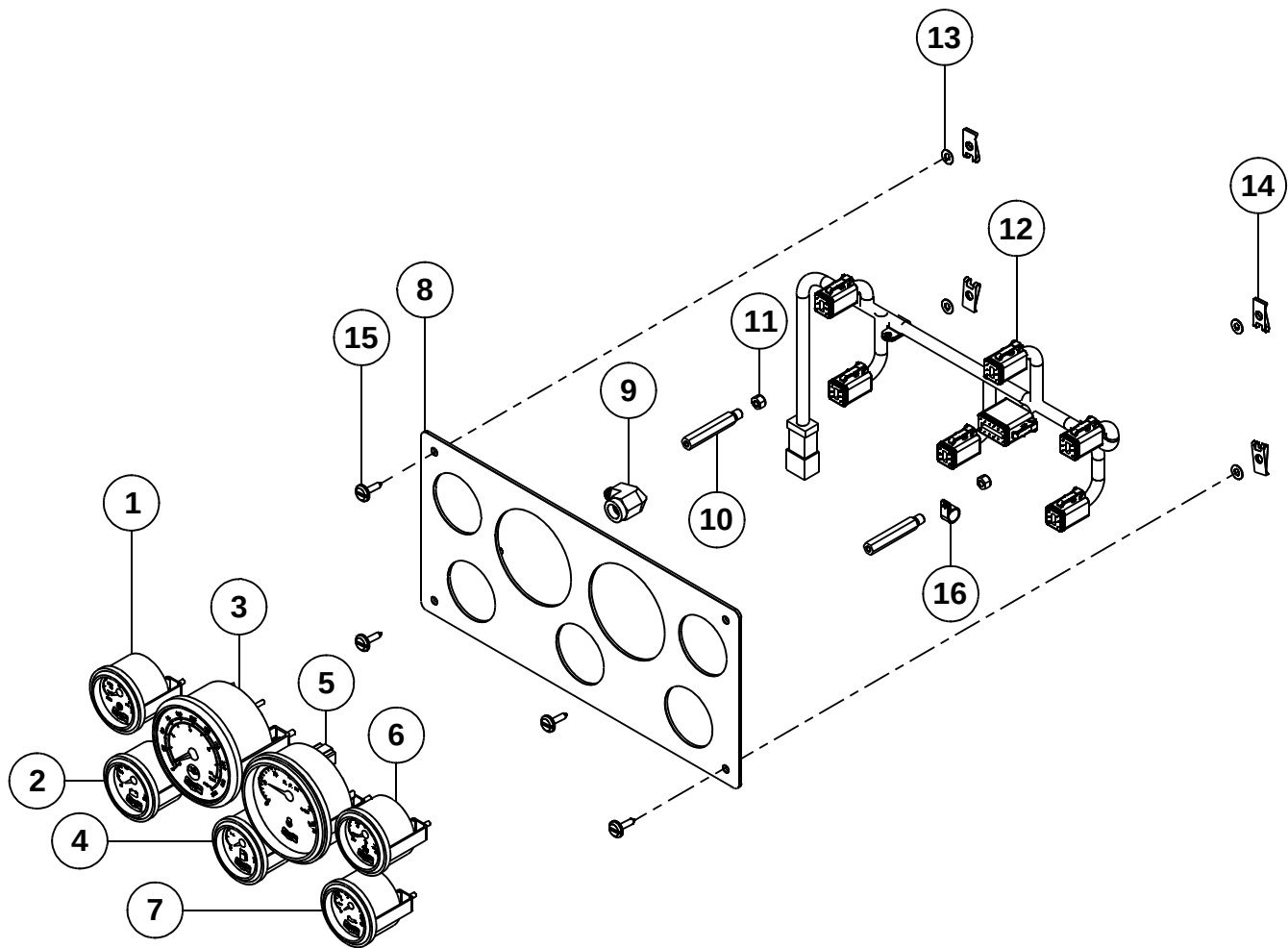
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35323880	Hose, -12 JIC X 79"	1	
2	35329861	Union, -12 JIC	1	
3	35289503	Hose, -12 JIC X 47"	1	
4	35287705	Hose, -12 JIC X 38"	1	
5	46600879	Elbow, 45° 3/4" NPT X -12 JIC	4	
6	95279378	Connector, 1/2" NPT X -12 JIC	1	
7	35323807	Hose, -12 JIC X 68"	1	
8	35323864	Hose, -12 JIC X 34"	1	
9	35323799	Hose, -12 JIC X 27"	1	
10	95219747	Connector, 3/4" NPT X -12 JIC	4	
11	35576115	Valve, Ball 3/4" NPT	5	
12	95928040	Nipple, Pipe 3/4" NPT X 1-3/8"	2	
13	95928172	Elbow, 90° Street 3/4" NPT	5	
14	95947149	Plug, Hex Countersink 3/4" NPT	5	
15	95219739	Connector, 3/4" NPT X -8 JIC	1	
16	35295179	Hose, -8 JIC X 34"	1	
17	35287937	Elbow, 90° 9/16" - 18 X -8 JIC	1	
18	35278571	O-Ring, 0.47" ID X 0.078" Cross Section	1	
19	35141894	Hose, -12 JIC X 16"	1	
20	35294735	Elbow, 90° 3/4" NPT X -12 JIC	1	
21	35225085	Clamp, Support 15/16" Rubber Coated	1	
22	96702824	Screw, Hex M08 - 1.25 X 20	3	
23	35294693	Hose, -12 JIC X 30"	1	
24	46590099SB	Bracket, Fuel Drain	1	
25	35287747	Fitting, Bulkhead 3/4" NPT X -12 JIC	1	
26	36895548	Valve, Ball 3/4" NPT with Square Nut	1	
27	95953576	Nipple, Pipe 3/4" NPT X 2"	4	

Control Panel



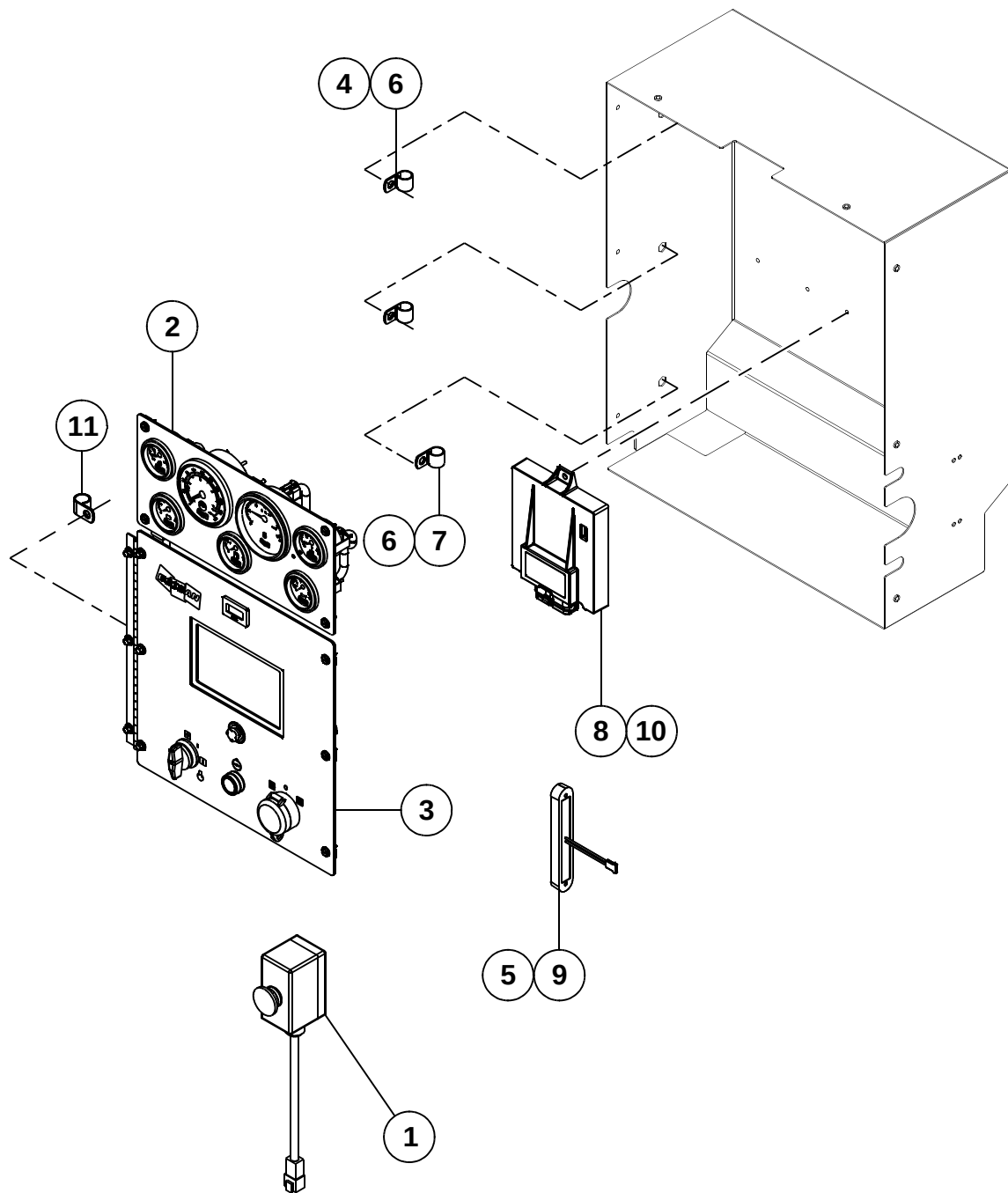
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46594821	Viewport	1	Field Replacement Assy.
2	95928800	Nut, Hex Lock #10 - 32	8	
3	46559025	Switch, Main Control	1	
4	46559026	Button, Service Air	1	
5	46556142	Switch, Regeneration Control	1	
6	35256452	Receptacle, Quarter-Turn Clip-on	3	
7	36898104	Nut, Hex Flange M06 - 1.0	6	
8	36845725	Hinge, Instrument / Control Panel	1	
9	46564985	Clamp, Cable Nylon 3/8" ID	2	
10	46564986	Clamp, Cable Nylon 5/8" ID	1	
11	46567401	Plate, Operator Panel	1	
12	46556145	Cover, Switch	1	
13	35256429	Stud, Quarter-Turn Slotted	3	
14	35256445	Retainer	3	
15	46557109	Gauge, Hourmeter	1	
16	96738844	Screw, Hex Socket M06 - 1.0 X 20	6	
17	46564984	Clamp, Cable Nylon 5/16" ID	1	
	46567799	Harness,Control Panel	1	Not Shown
	46599303	Kit, Viewport Connector	1	Not Shown

Gauge Panel



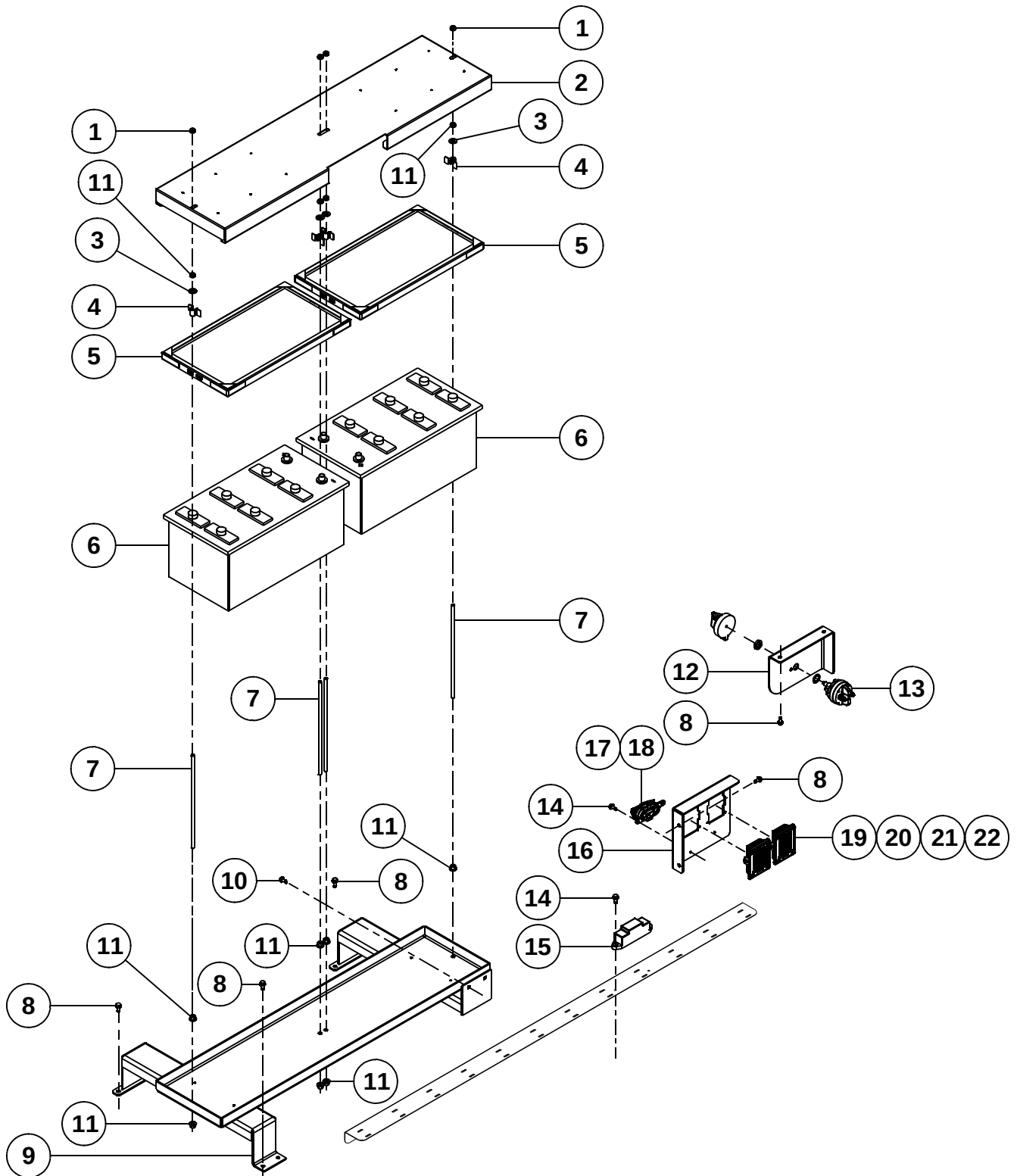
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46558806	Gauge, Airend Discharge Temperature	1	
2	46558805	Gauge, Voltmeter	1	
3	46558801	Gauge, Pressure 0 - 600 PSI	1	
4	46565479	Gauge, Fuel Level	1	
5	46558802	Gauge, Tachometer	1	
6	46558804	Gauge, Engine Coolant Temperature	1	
7	46558803	Gauge, Engine Oil Pressure	1	
8	46567499	Plate, Gauge Panel	1	
9	35280098	Elbow, 90° 1/4" NPT Female X -6 JIC	1	
10	46569259	Standoff, Male-Female 3/8" Hex #10 - 32	2	
11	95928800	Nut, Hex #10 - 32	2	
12	46560942	Harness, Gauge Panel	1	
13	35256445	Retainer	4	
14	35256452	Receptacle, Quarter-Turn Clip-on	4	
15	35256429	Stud, Quarter-Turn Slotted	4	
16	46564985	Clamp, Cable Nylon 3/8" ID	1	
	46599319	Kit, Engine Tachometer Connector Repair	1	Not Shown

Operator Panel Mount



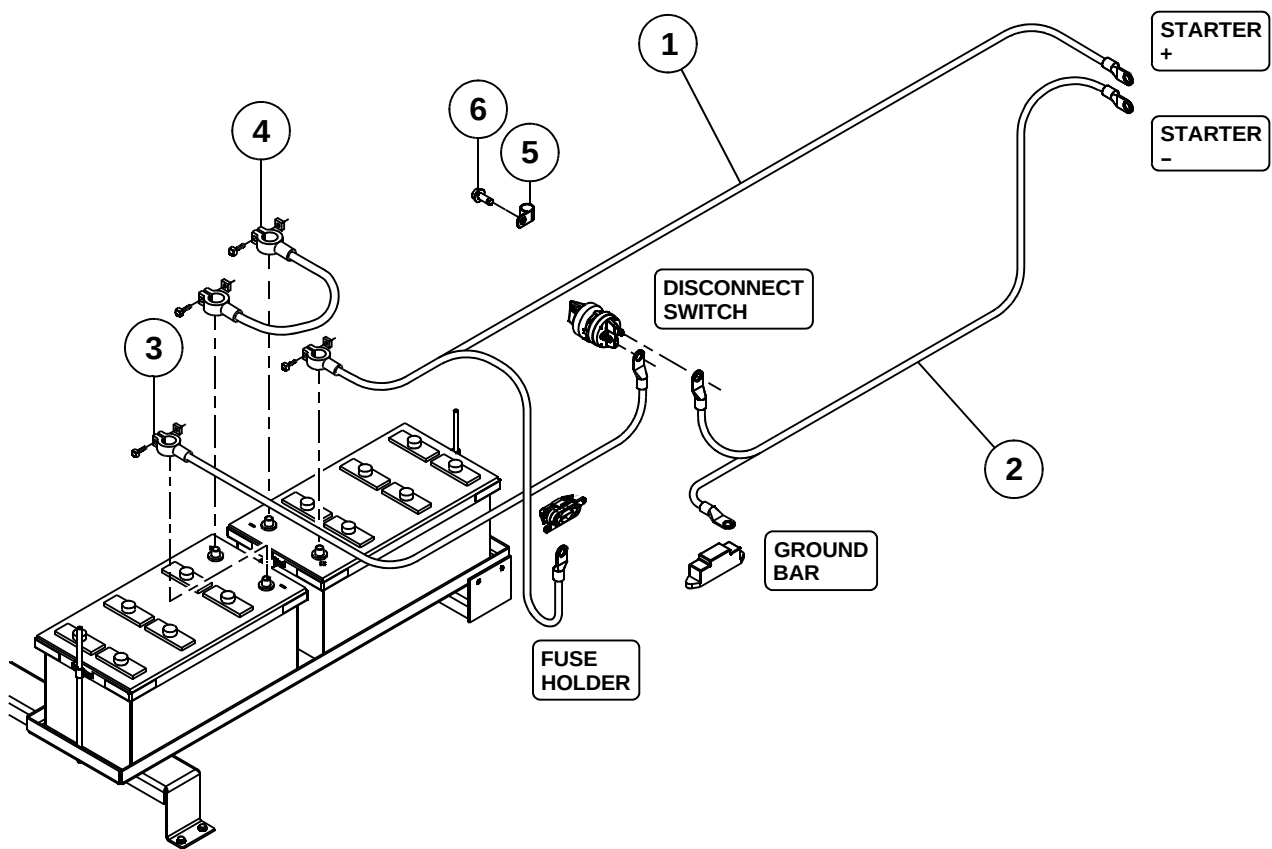
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	23281017	Switch Assembly, E-Stop	1	Press. Ga. not Included
2	46564983	Assembly, Gauge Panel	1	
3	46564981	Assembly, Control Panel	1	
4	35225085	Clamp, Support 15/16" Rubber Coated	2	
5	46582799	Lamp, Panel LED	1	
6	35279025	Screw, Hex Tapping M08 - 1.25 x 20	4	
7	35114057	Clamp, Support 1-1/2" ID Rubber Coated	1	
8	46551938	Controller, Titan	1	
9	22068282	Screw, Tapping M04 X 25	2	
10	36797652	Screw, Tapping M06 - 1.0 X 12	3	
11	35225077	Clamp, Support 11/16" ID Rubber Coated	1	

Battery, Disconnect Switch and Fuse Mount



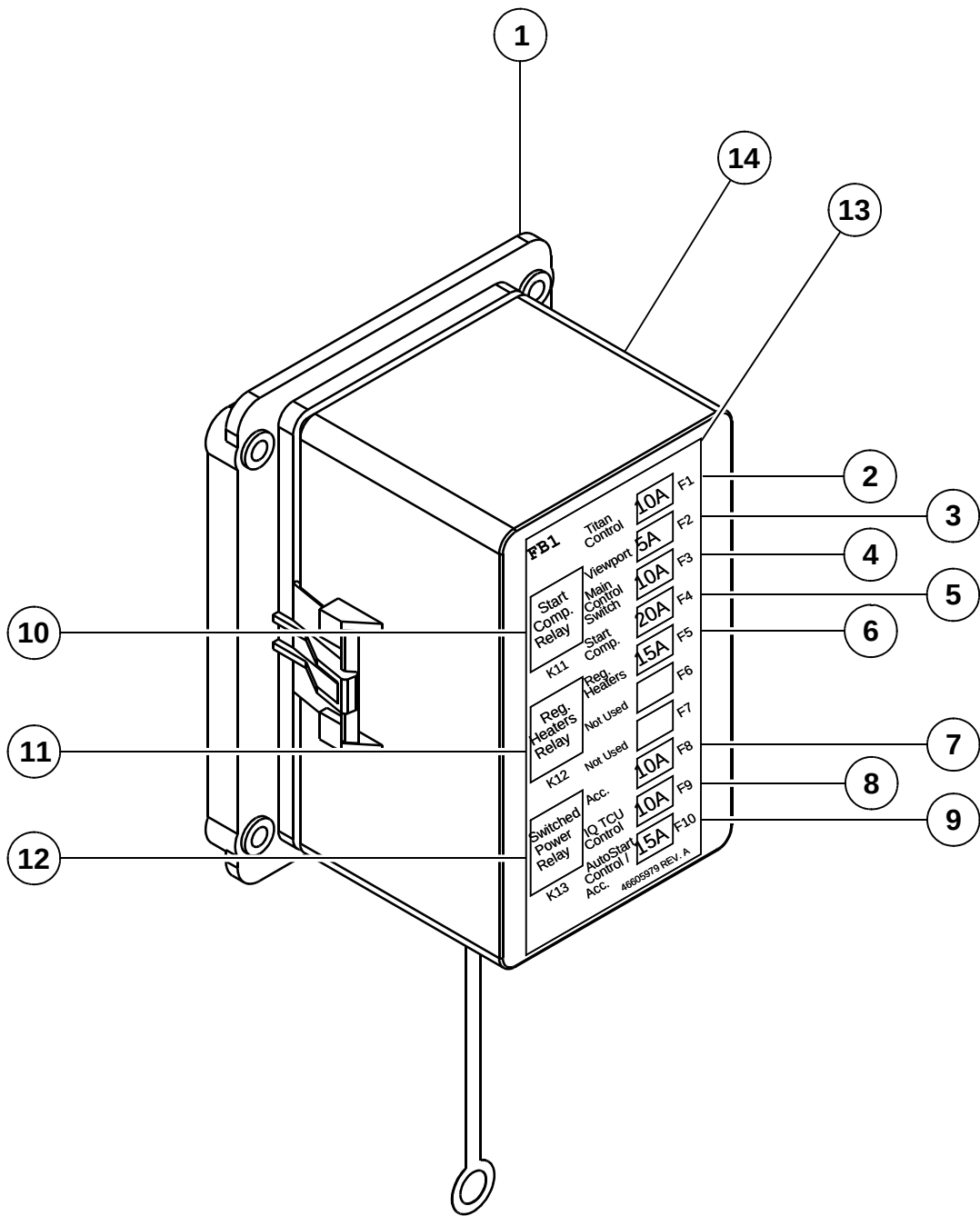
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	95923322	Nut, Hex Nylon Lock 3/8" - 16	4	
2	46606399SB	Cover, Battery Tray	1	
3	95935037	Washer, Flat 3/8" ID	4	
4	35108216	Clip, Battery Frame	4	
5	35562156	Frame, Battery Holder	2	
6	35225788	Battery, 12 VDC	2	
7	54715479	Stud, Battery	4	
8	35279025	Screw, Tapping M08 - 1.25 X 20	10	
9	46554779SB	Tray, Battery	1	
10	35271162	Screw, Hex M08 - 1.25 X 30	2	
11	35145077	Nut, Hex Lock Washer 3/8" - 16	12	
12	46556853SB	Bracket, Battery Disconnect	1	
13	46556146	Switch, Battery Disconnect	1	
14	36797652	Screw, Tapping M06 - 1.0 X 12	4	
15	46567039	Block, Terminal 4-Point 3/8" Stud	1	
16	46566879SB	Bracket, Fuse Block	1	
17	45671534	Holder, AMG Style Fuse	1	
18	46556477	Fuse, 150 A AMG Style	1	
19	46556356	Center, Fuse / Relay	2	
20	46603359	Laminate, Fuse / Relay Panel	1	
21	95942611	Screw, Phillips Pan Head #10 - 32 X 7/8"	8	
22	95954251	Washer, Flat #10	2	

Battery Connections



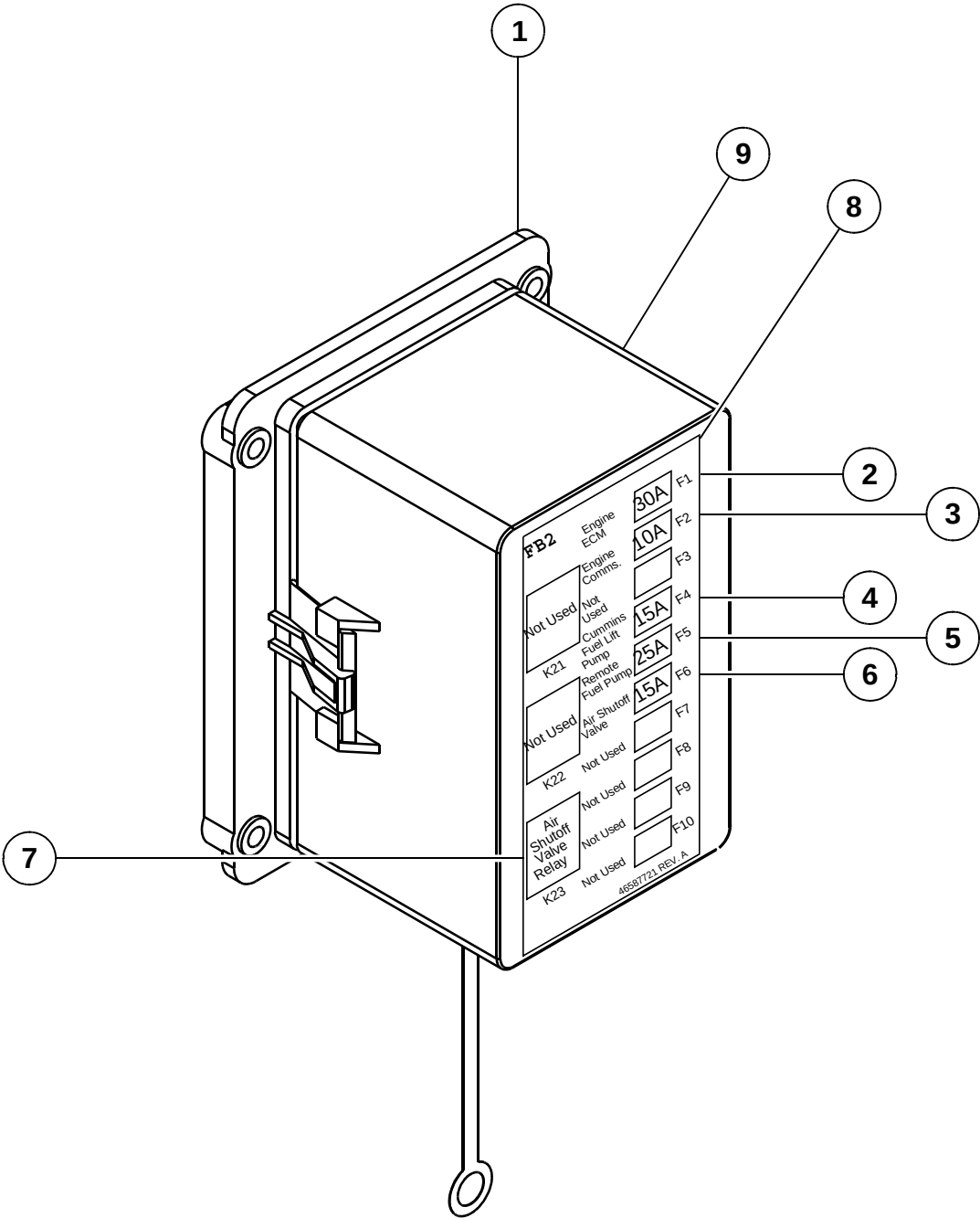
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46575659	Cable, Battery Positive	1	
2	46575661	Cable, Battery Negative Stud to Stud	1	
3	46575660	Cable, Battery Negative	1	
4	35128982	Cable, Battery Jumper	1	
5	35225077	Clamp, Support 11/16" ID Rubber Coated	1	
6	35279025	Screw, Tapping M08 - 1.25 X 20	1	

Fuse Block and Relay Center 1



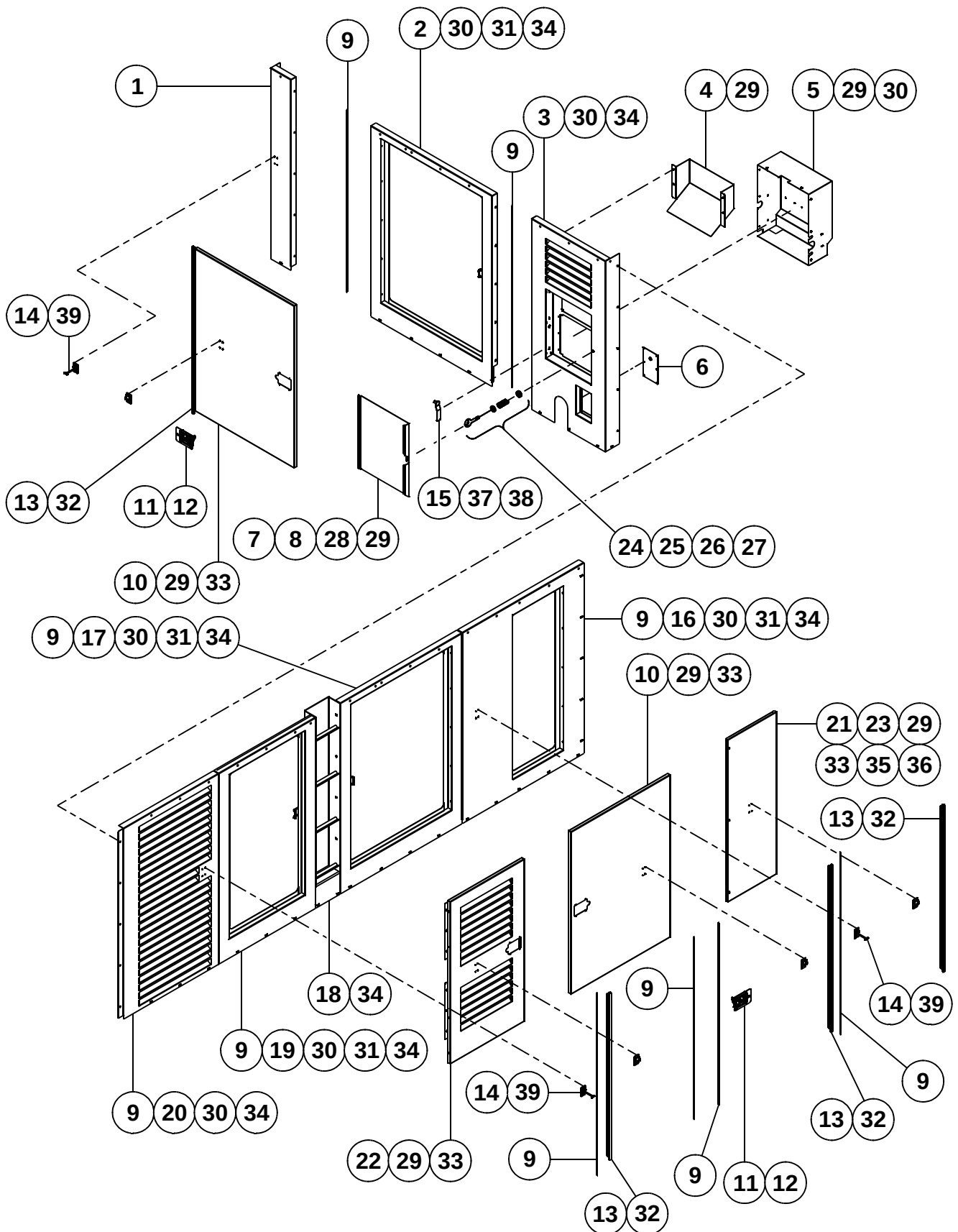
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46556356	Center, Fuse / Relay	1	
2	23091812	Fuse, 10A Mini Blade	1	
3	23326069	Fuse, 5A Mini Blade	1	
4	23091812	Fuse, 10A Mini Blade	1	
5	23091838	Fuse, 20A Mini Blade	1	
6	23091812	Fuse, 10A Mini Blade	1	
7	23091812	Fuse, 10A Mini Blade	1	
8	23091812	Fuse, 10A Mini Blade	1	
9	23091820	Fuse, 15A Mini Blade	1	
10	23316250	Relay, 24VDC	1	
11	23316250	Relay, 24VDC	1	
12	23316250	Relay, 24VDC	1	
13	46605979	Decal, Fuse / Relay Center	1	
14	23366172	Cover, Fuse / Relay Center (Replacement)	1	

Fuse Block and Relay Center 2



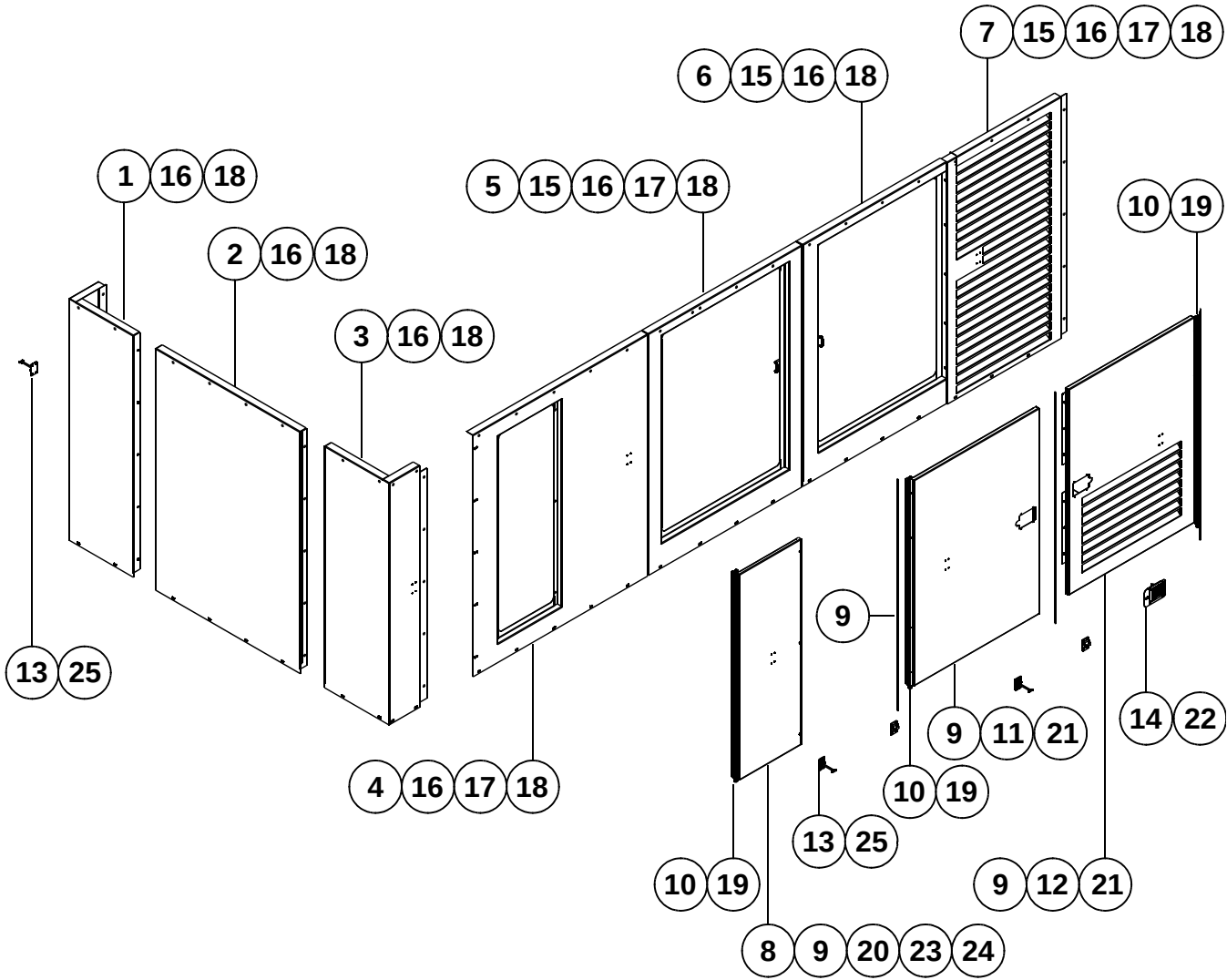
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46556356	Center, Fuse / Relay	1	
2	23091853	Fuse, 30A Mini Blade	1	
3	23091812	Fuse, 10A Mini Blade	1	
4	23091820	Fuse, 15A Mini Blade	1	
5	23091846	Fuse, 25A Mini Blade	1	
6	23091820	Fuse, 15A Mini Blade	1	
7	23316250	Relay, 24VDC	1	
8	46587721	Decal, Fuse / Relay Center	1	
9	23366172	Cover, Fuse / Relay Center (Replacement)	1	

Enclosure - Front and Streetside



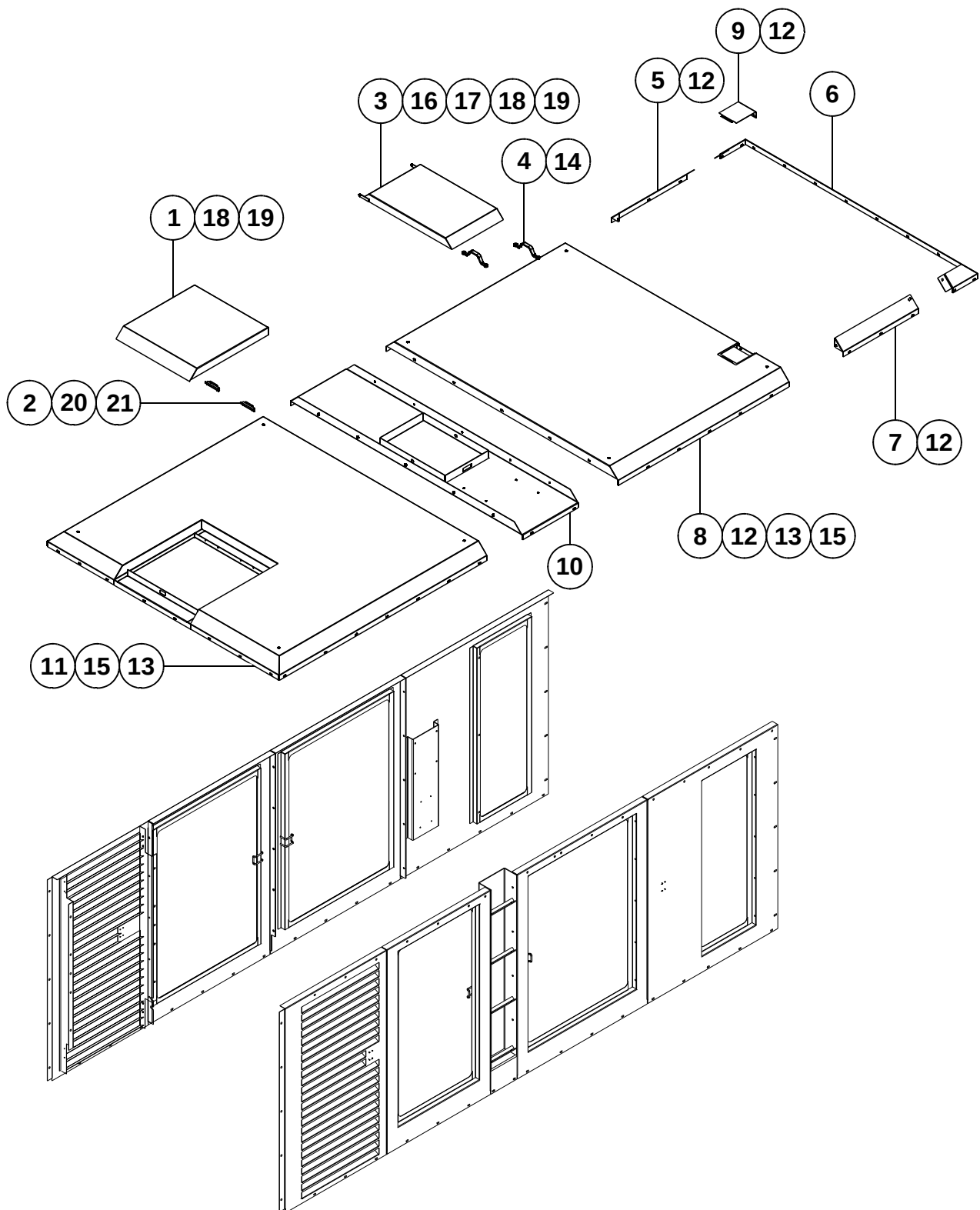
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46561260GA	Panel, Front Corner	1	Standard w/o AC Heaters
2	46557230GA	Panel, Door Frame	1	
3	46569139GA	Panel, Control	1	
4	46569320GA	Baffle, Control Panel	1	
5	46566241GA	Cover, Instrument Panel Rear	1	
6	46585500GB	Panel, E-Stop	1	
7	46568879GA	Door, Control Panel	1	
8	46568880	Hinge, Operator Panel Door	1	
9	22617666	Seal, Rubber	315'	
10	46556092GA	Panel, Door	2	
11	36793602	Latch, Door	3	
12	36794816	Rivet, 3/16" Dia. Black Stainless	44	
13	46551959	Hinge, Door Access	4	
14	54485404	Holder, Door T-Latch	4	
15	35603349	Holder, Door	1	
16	46569143GA	Panel, Streetside Cooler Cleanout	1	
17	46557225GA	Panel, Door Frame	1	
18	46556105GA	Ladder	1	
19	46557227GA	Panel, Door Frame	1	
20	46569140GA	Panel, Streetside Louvered Intake	1	
21	46584839GA	Panel, Cleanout Door	1	
22	46566820GA	Panel, Door	1	
23	36786382	Screw, Hex M08 - 1.25 X 70	3	
24	35327303	Bolt, Eye 5/16" - 18	1	
25	95934998	Washer, Flat 5/16" ID	1	
26	35327311	Spring, Door Latch	1	
27	95923314	Nut, Hex Lock 5/16" - 18	1	
28	89288484	Bumper/Stop, Rubber	2	
29	36797652	Screw, Tapping M06 - 1.0 X 12	51	
30	36895746	Nutsert, Hex M08 - .25	63	
31	36921344	Nutsert, Hex M06 - 1.0	20	
32	35300771	Screw, Taptite M06 - 1.0 X 20	20	
33	36774495	Strip, Door Seal	720"	
34	35279025	Screw, Tapping M08 - 1.25 X 20	78	
35	96709118	Washer, Flat M08 ID	3	
36	92304559	Nut, Hex Lock M08 - 1.25	3	
37	95935037	Washer, Flat 3/8" ID	1	
38	35273366	Nut, Hex Nylon Insert M10 - 1.5	1	
39	36843282	Rivet, 3/16" Dia. Stainless	28	

Enclosure - Rear and Curbside



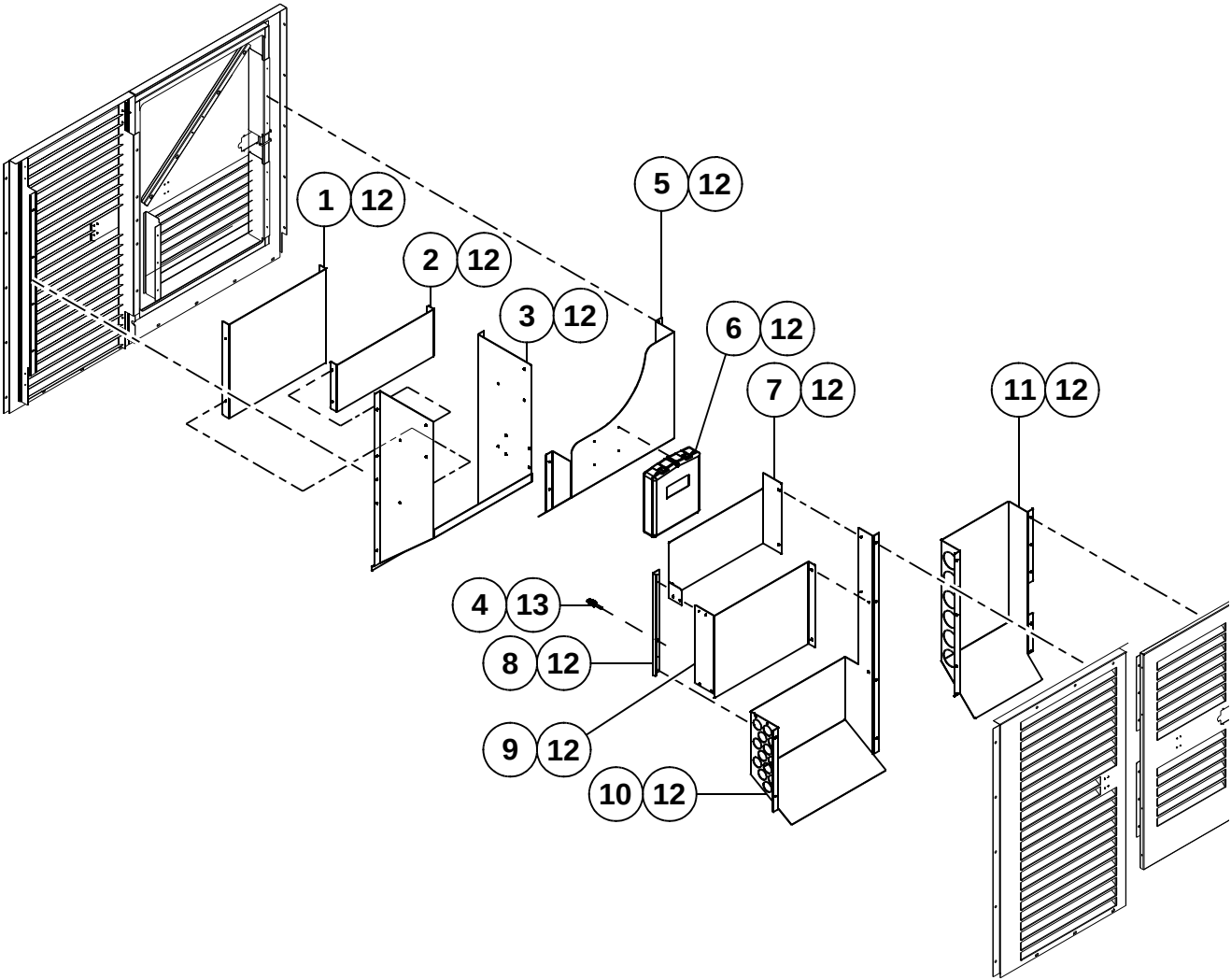
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46569141GA	Panel, Rear Streetside	1	Standard w/o Remote Fuel
2	46556109GA	Panel, Rear	1	
3	46561262GA	Panel, Rear Curbside	1	
4	46561261GA	Panel, Curbside Cooler Cleanout	1	
5	46557230GA	Panel, Door Frame	1	
6	46557226GA	Panel, Door Frame	1	
7	46576159GA	Panel, Curbside Louvered Intake	1	
8	46584839GA	Panel, Cleanout Door	1	
9	36774495	Strip, Door Seal	540"	Standard w/o Remote Fuel
10	46551959	Hinge, Door Access	3	
11	46556092GA	Panel, Door	1	
12	46566819GA	Panel, Door	1	
13	54485404	Holder, Door T-Latch	3	
14	36793602	Latch, Door	2	
15	22617666	Seal, Rubber	315"	
16	36895746	Nutsert, Hex M08 - 1.25	53	
17	36921344	Nutsert, Hex M06 - 1.0	15	
18	35279025	Screw, Tapping M08 - 1.25 X 20	81	
19	35300771	Screw, Taptite M06 - 1.0 X 20	15	
20	36786382	Screw, Hex M08 - 1.25 X 70	3	
21	36797652	Screw, Tapping M06 - 1.0 X 12	12	
22	36794816	Rivet, 3/16" Dia. Black Stainless	28	
23	96709118	Washer, Flat M08 ID	3	
24	92304559	Nut, Hex Lock M08 - 1.25	3	
25	36843282	Rivet, 3/16" Dia. Stainless	20	

Enclosure - Roof



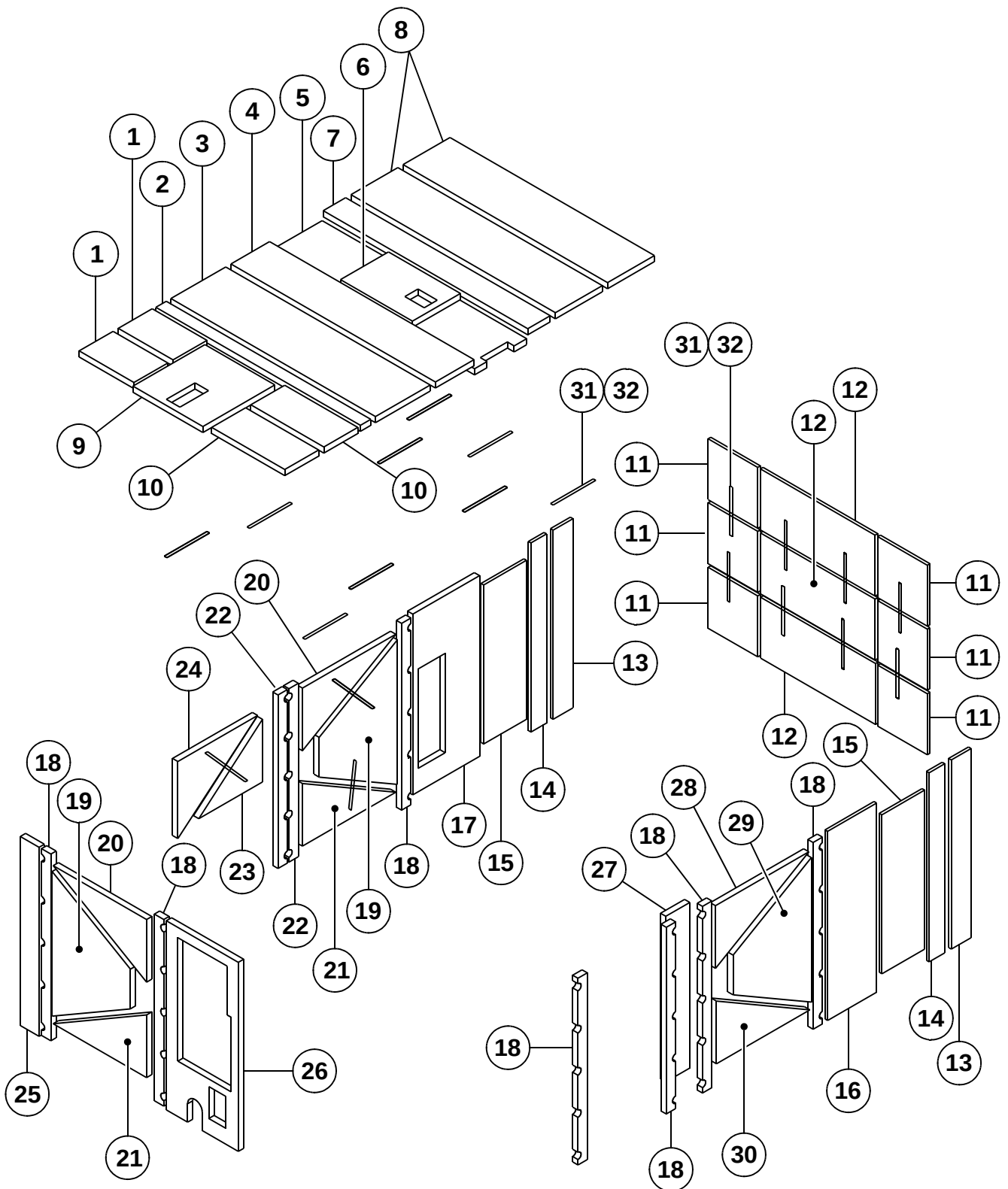
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46556119GA	Door, Separator Tank Access	1	
2	46569146	Hinge, Removable	2	
3	46556106GA	Door, Lifting Bail Access	1	
4	35130707	Hold, Hand	2	
5	46569142GA	Panel, Roof Side Edge	1	
6	46556115GA	Panel, Roof Rear Edge	1	
7	46556116GA	Panel, Roof Side Edge	1	
8	46556113GA	Panel, Rear Roof	1	
9	46556117GA	Cover, Radiator Fill	1	
10	46556114GA	Panel, Roof w/ Lifting Bail Access	1	
11	46556118GA	Panel, Roof w/ Separator Tank Access	1	
12	35279025	Screw, Tapping M08 - 1.25 X 20	23	
13	36895746	Nutsert, Hex M08 - 1.25	4	
14	36889608	Screw, Hex Flange M08 - 1.25 X 25	4	
15	36879492	Screw, Hex Flange M12 - 1.75 X 25	8	
16	36923241	Spacer	2	
17	35271162	Screw, Hex M08 - 1.25 x 30	2	
18	35131051	Latch, Door	2	
19	35120492	Rivet, Aluminum 3/16" Dia.	8	
20	36794816	Rivet, 3/16" Dia. Black Stainless	8	
21	96701396	Washer, Flat M08	2	

Enclosure - Interior Baffles



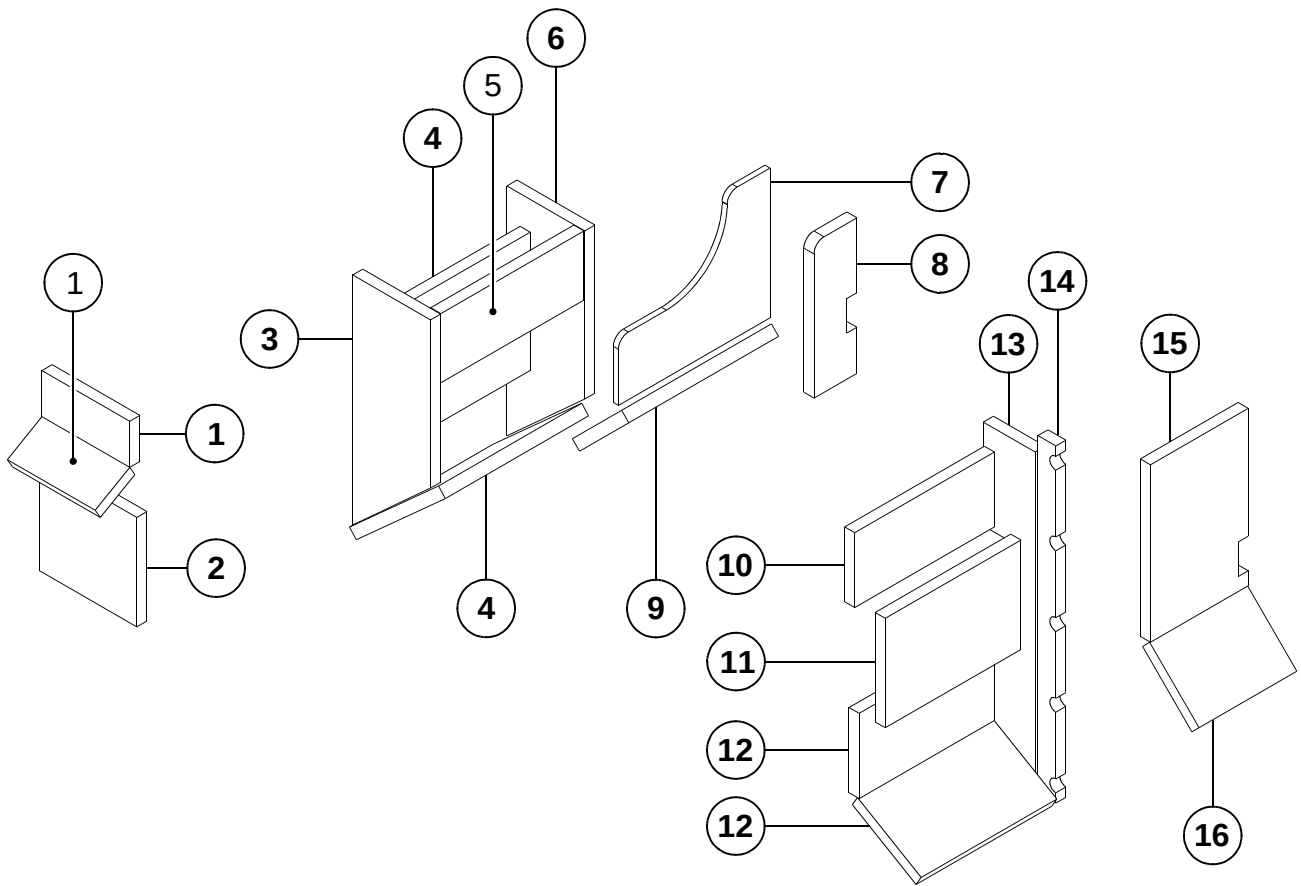
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46576827GA	Baffle, Air Intake	1	Standard w/o Aftercooler
2	46576828GA	Baffle, Air Intake	1	Standard w/o Aftercooler
3	46576826GA	Baffle, Air Intake	1	Standard w/o Aftercooler
4	36853505	Nut, Lock 1/2" NPT	1	
5	46566822GA	Baffle, Door	1	Standard w/o Remote Fuel
6	22916019	Pouch, Literature	1	
7	46556993GA	Baffle, Air Intake	1	
8	46556994GA	Baffle, Air Intake	1	
9	46556992GA	Baffle, Air Intake	1	
10	46556991GA	Baffle, Air Intake	1	
11	46566821GA	Baffle, Door	1	
12	36797652	Screw, Tapping M06 - 1.0 X 12	56	
13	23294838	Sensor, Temperature 1/2" NPT	1	

Acoustic Panels - Exterior



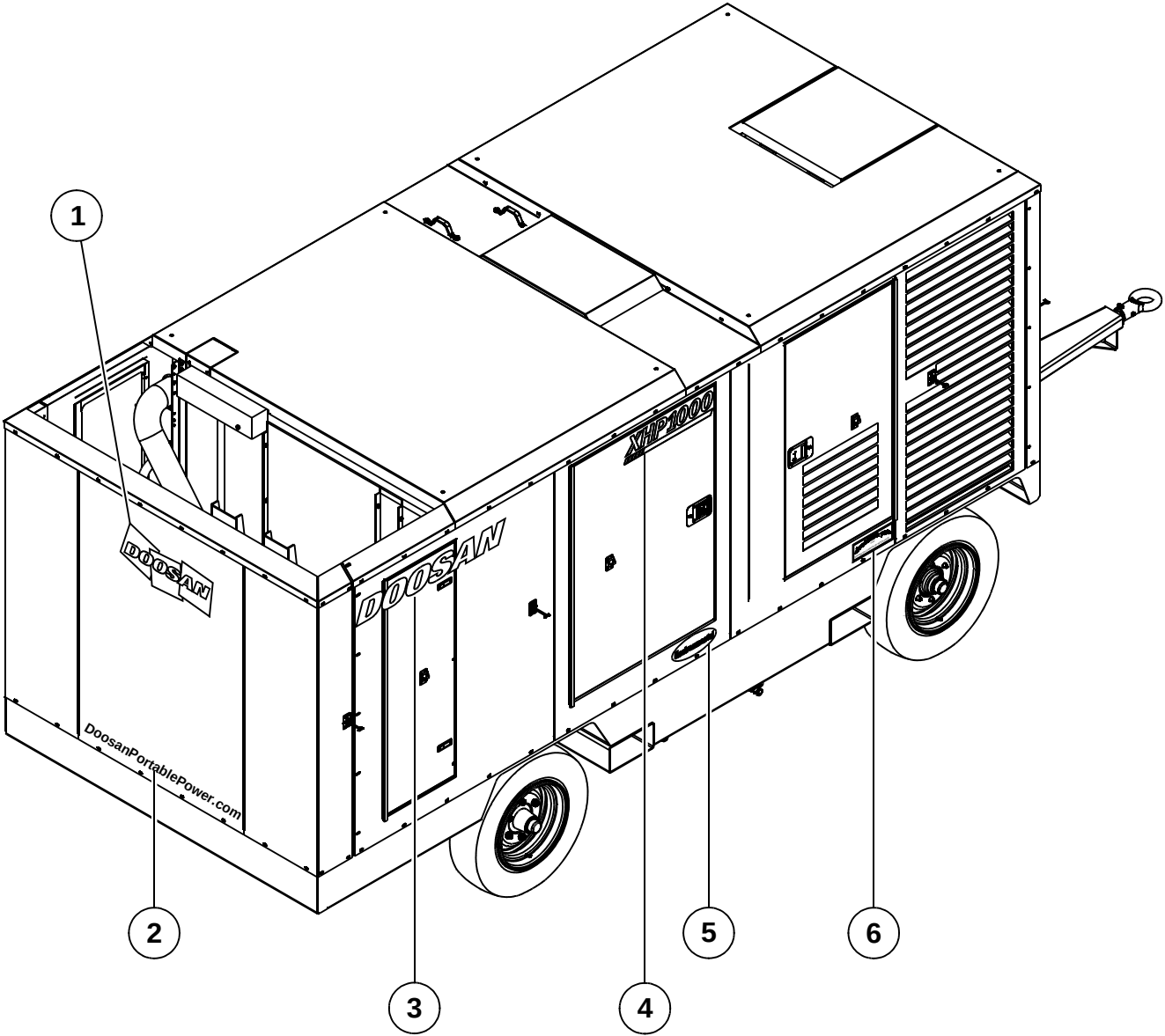
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46556362	Foam, 2" Roof Front	2	
2	46556366	Foam, 2" Roof Front	1	
3	46556358	Foam, 2" Roof	1	
4	46556359	Foam, 2" Roof	1	
5	46556367	Foam, 2" Roof Lifting Bail	1	
6	46556368	Foam, 2" Roof Lifting Bail	1	
7	46556361	Foam, 2" Roof	1	
8	46556360	Foam, 2" Roof	2	
9	46556369	Foam, 2" Roof Separator Tank Door	1	
10	46556365	Foam, 2" Roof Front	2	
11	46556313	Batt, 1" Fiberglass Rear Panel	6	
12	46556311	Batt, 1" Fiberglass Rear Panel	3	
13	46556315	Batt, 1" Fiberglass Rear Side	2	
14	46575542	Batt, 1" Fiberglass Rear Panel	2	
15	46556317	Batt, 1" Fiberglass Rear Door	2	
16	46556316	Batt, 1" Fiberglass Rear Panel	1	
17	46556318	Foam, 2" Curbside Cooler Cleanout	1	
18	46578379	Foam, 2" Door Frame	7	
19	46556350	Foam, 2" Door Center	2	
20	46556351	Foam, 2" Door Left	2	
21	46578439	Foam, 2" Door Right	2	
22	46585179	Foam, 2" Door Frame	2	
23	46588342	Foam, 2" Door Intake	1	Standard w/o Remote Fuel
24	46588383	Foam, 2" Door Top Curbside Airend	1	Standard w/o Remote Fuel
25	46556354	Foam, 2" Front Corner Curbside	1	
26	46556355	Foam, 2" Control Panel	1	
27	46588540	Foam, 2" Ladder	1	
28	46575540	Batt, 1" Fiberglass Door Left	1	
29	46575541	Batt, 1" Fiberglass Door Center	1	
30	46575539	Batt, 1" Fiberglass Door Right	1	
31	54718184	Strap, Foam Retention	27	
32	54519202	Screw, Hex Slotted 1/4" - 10 X 3/4"	27	

Acoustic Panels - Interior



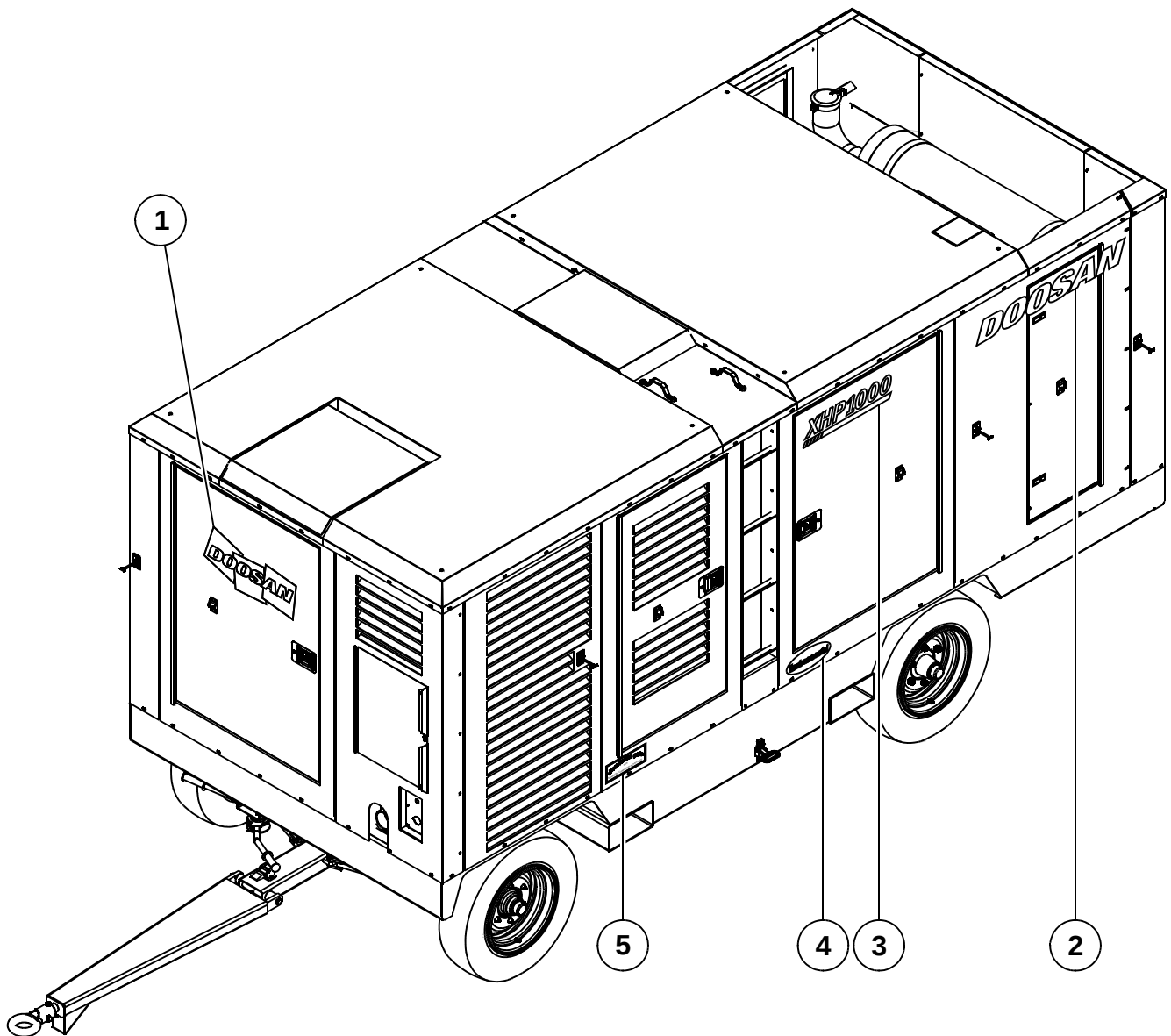
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46578397	Foam, 2" Control Panel Baffle	2	
2	46578396	Foam, 2" Control Panel Cover	1	
3	46588344	Foam, 2" Baffle Side Louver Panel Curbside	1	Standard w/o Aftercooler
4	46588341	Foam, 2" Baffle Louver Panel Curbside	2	Standard w/o Aftercooler
5	46588340	Foam, 2" Baffle Top Louver Panel Curbside	1	Standard w/o Aftercooler
6	46588343	Foam, 2" Baffle Side Louver Panel Curbside	1	Standard w/o Aftercooler
7	46578382	Foam, 1" Baffle Door	1	Standard w/o Remote Fuel
8	46578381	Foam, 2" Baffle Door	1	Standard w/o Remote Fuel
9	46578392	Foam, 2" Door Baffle Bottom	1	Standard w/o Remote Fuel
10	46556365	Foam, 2" Roof Front	1	
11	46578383	Foam, 2" Baffle	1	
12	46578384	Foam, 2" Bottom Baffle	2	
13	46578385	Foam, 2" Streetside Baffle	1	
14	46578379	Foam, 2" Door Frame	1	
15	46578387	Foam, 2" Door Baffle	1	
16	46578390	Foam, 2" Door Baffle Bottom	1	

Decal Location - Branding Curbside



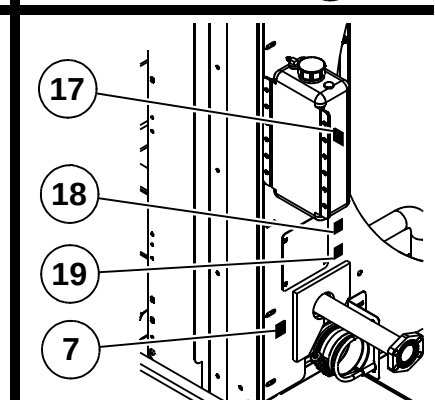
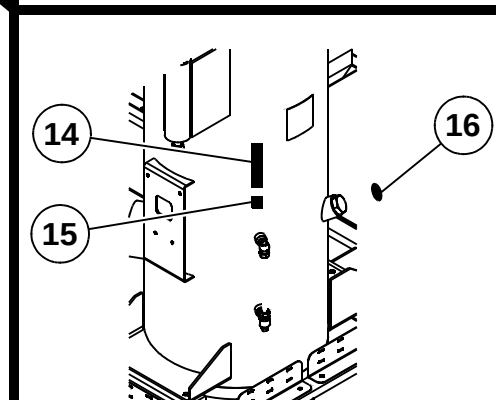
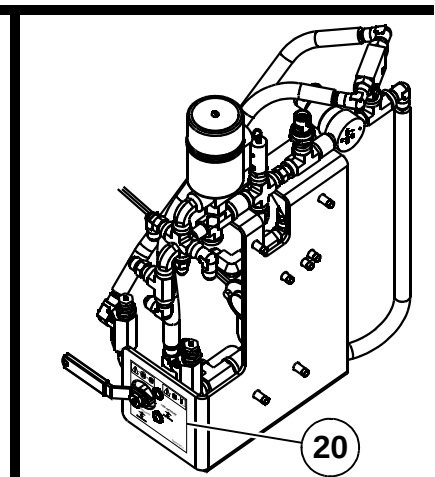
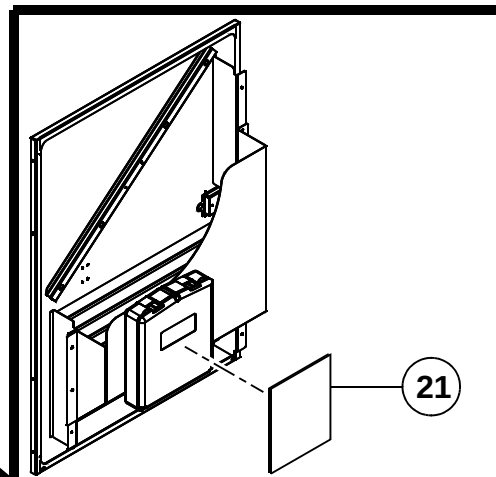
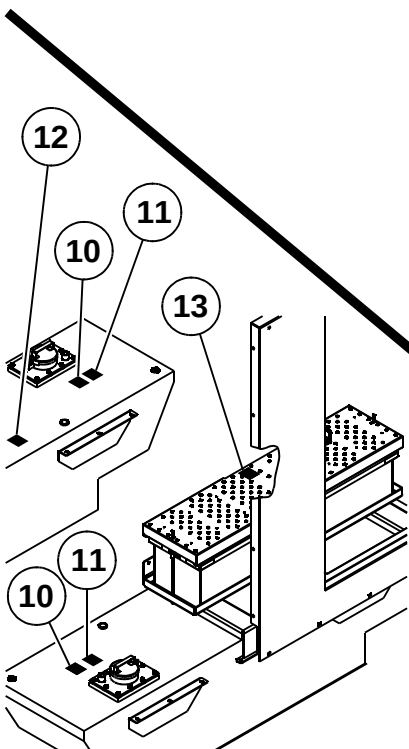
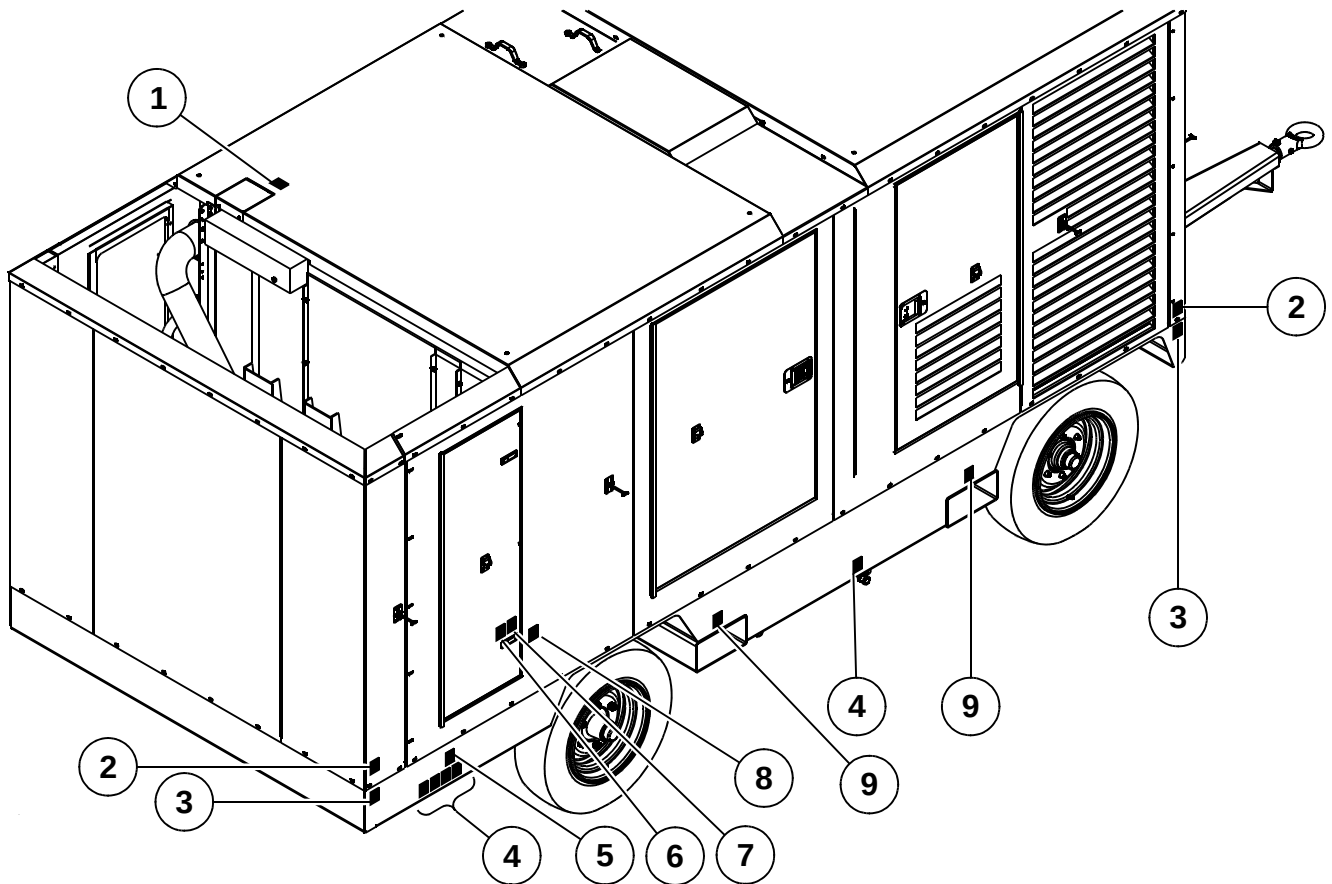
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46573862	Decal, 24" X 11" Doosan Tri-Colored Boxes	1	
2	46554780	Decal, Doosan 33" Black Website	1	
3	46573925	Decal, 55" Doosan Logo	1	
4	46592699	Decal, XHP1000 Gradient Model Number	1	
5	22711659	Decal, Environmental	1	
6	54413117	Decal, Galvanneal	1	

Decal Location - Branding Streetside



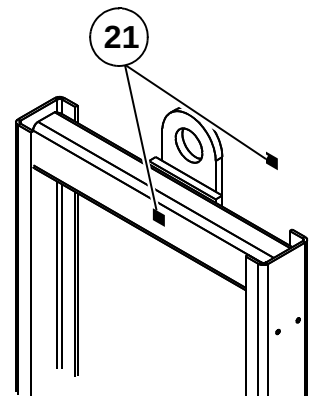
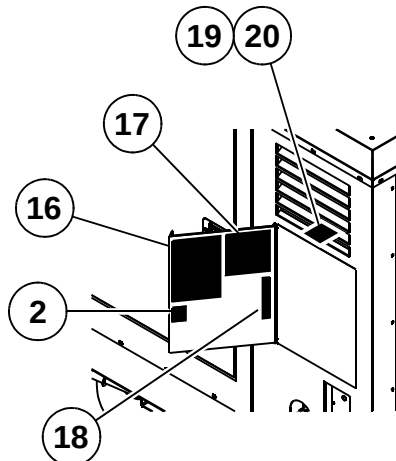
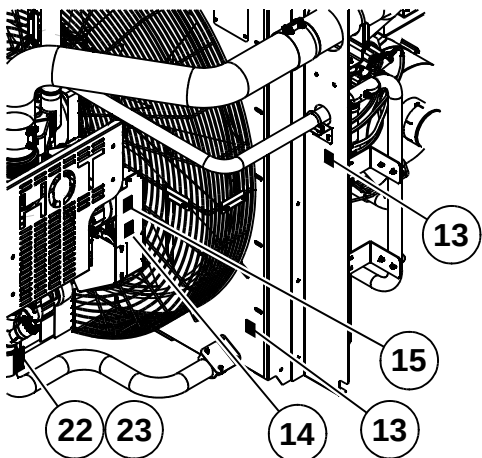
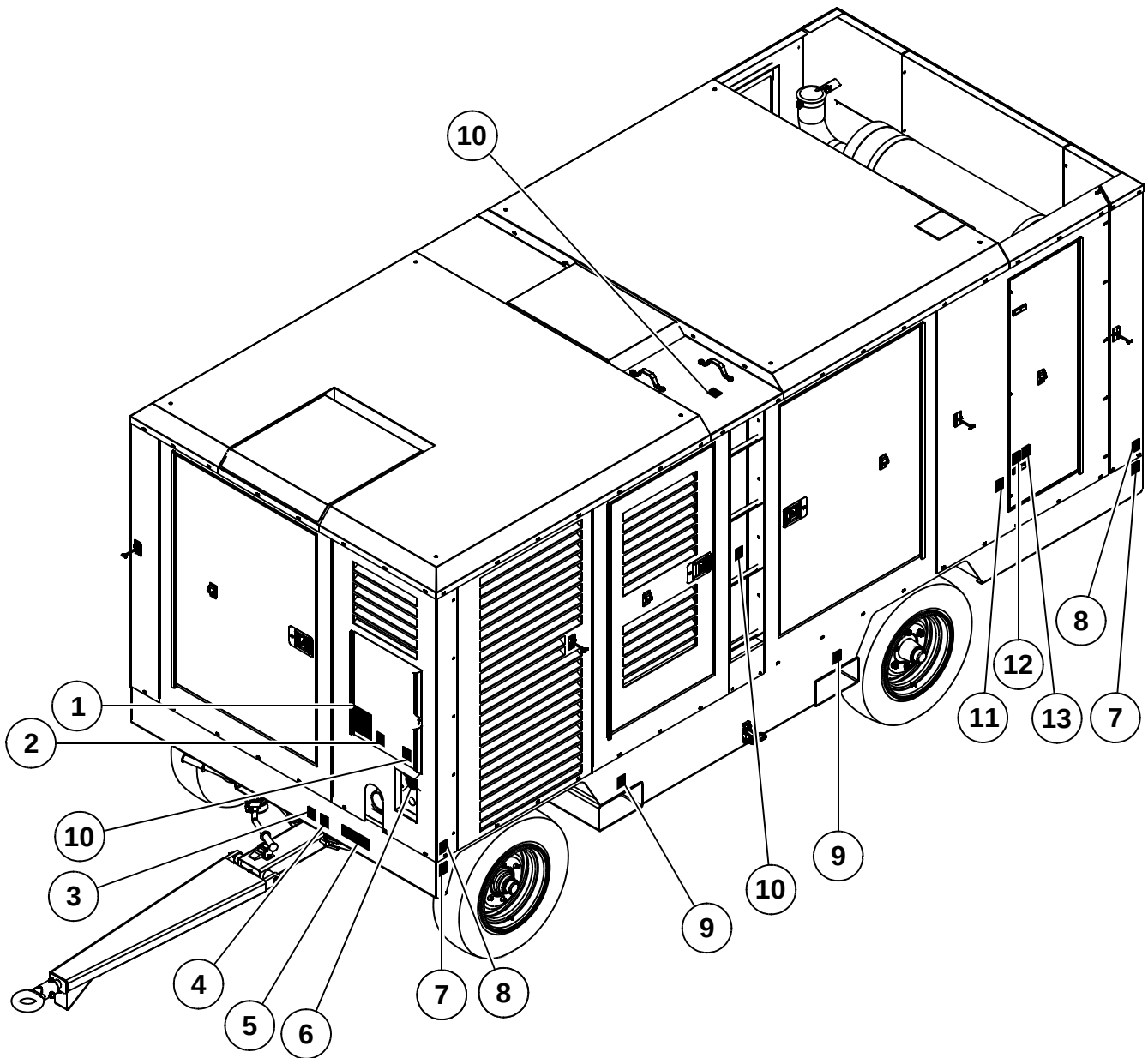
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46573862	Decal, 24" X 11" Doosan Tri-Colored Boxes	1	
2	46573925	Decal, 55" Doosan Logo	1	
3	46592699	Decal, XHP1000 Gradient Model Number	1	
4	22711659	Decal, Environmental	1	
5	54413117	Decal, Galvanneal	1	

Decal Location - Curbside



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	54568761	Decal, Hot Pressurized Fluid	1	
2	22164305	Decal, Containment	2	
3	54749205	Decal, No Weld	2	
4	46491635	Decal, Central Drain	1	
5	35859354	Decal, Separator Tank Pressure	1	
6	46559883	Decal, Exhaust Gas	1	
7	22334916	Decal, Hot Surface	2	
8	54604988	Decal, Door Under Pressure	1	
9	54749213	Decal, Forklift Point	2	
10	46556990	Decal, Ultra Low Sulfur Diesel Fuel	2	
11	46565099	Decal, Canadian Transport	2	
12	46586699	Decal, Tier 4 Engine Oil	1	
13	54568753	Decal, Battery Gas	1	
14	46587259	Decal, T4 Engine & XHP Compressor Oil	1	
15	54568795	Decal, High Pressure	1	
16	54604970	Decal, Oil Fill	1	
17	54604962	Decal, Hot Radiator Fill	1	
18	54568779	Decal, Rotating Fan	1	
19	46576740	Decal, Guards in Place	1	
20	46607441	Decal, Dual Pressure Valve Operation	1	
21	46620340	Card Set, XHP1000WCAT-T4i E45	1	

Decal Location - Streetside



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36514602	Decal, Noise Emission	1	
2	54568787	Decal, Improper Operation	2	
3	46565099	Decal, Canadian Transport	1	
4	54699392	Decal, Towing 24 KMH	1	
5	54629902	Decal, 3-Part Warning	1	
6	46586563	Decal, Emergency Stop	1	
7	54749205	Decal, No Weld	2	
8	22164305	Decal, Containment	2	
9	54749213	Decal, Forklift Point	2	
10	54604939	Decal, Fall Off Unit	3	
11	54604988	Decal, Door Under Pressure	1	
12	46559883	Decal, Exhaust Gas	1	
13	22334916	Decal, Hot Surface	3	
14	46576740	Decal, Guards in Place	1	
15	54568779	Decal, Rotating Fan	1	
16	46607440	Decal, XHP1000 / HP1300WCU-T4i Oper. Instr.	1	
17	46559976	Decal, Symbols Translation	1	
18	46587259	Decal, T4 Engine & XHP Compressor Oil	1	
19	46556466	Plate, Serial Number	1	
20	36794816	Rivet, 3/16" Dia. Black Stainless	2	
21	54699400	Decal, Lift Point	2	
22	46586599	Tag, Tier 4 Engine Oil	1	
23	35268788	Tie, Cable 3/16" X 6-1/2"	1	



RECOMMENDED SERVICE PARTS

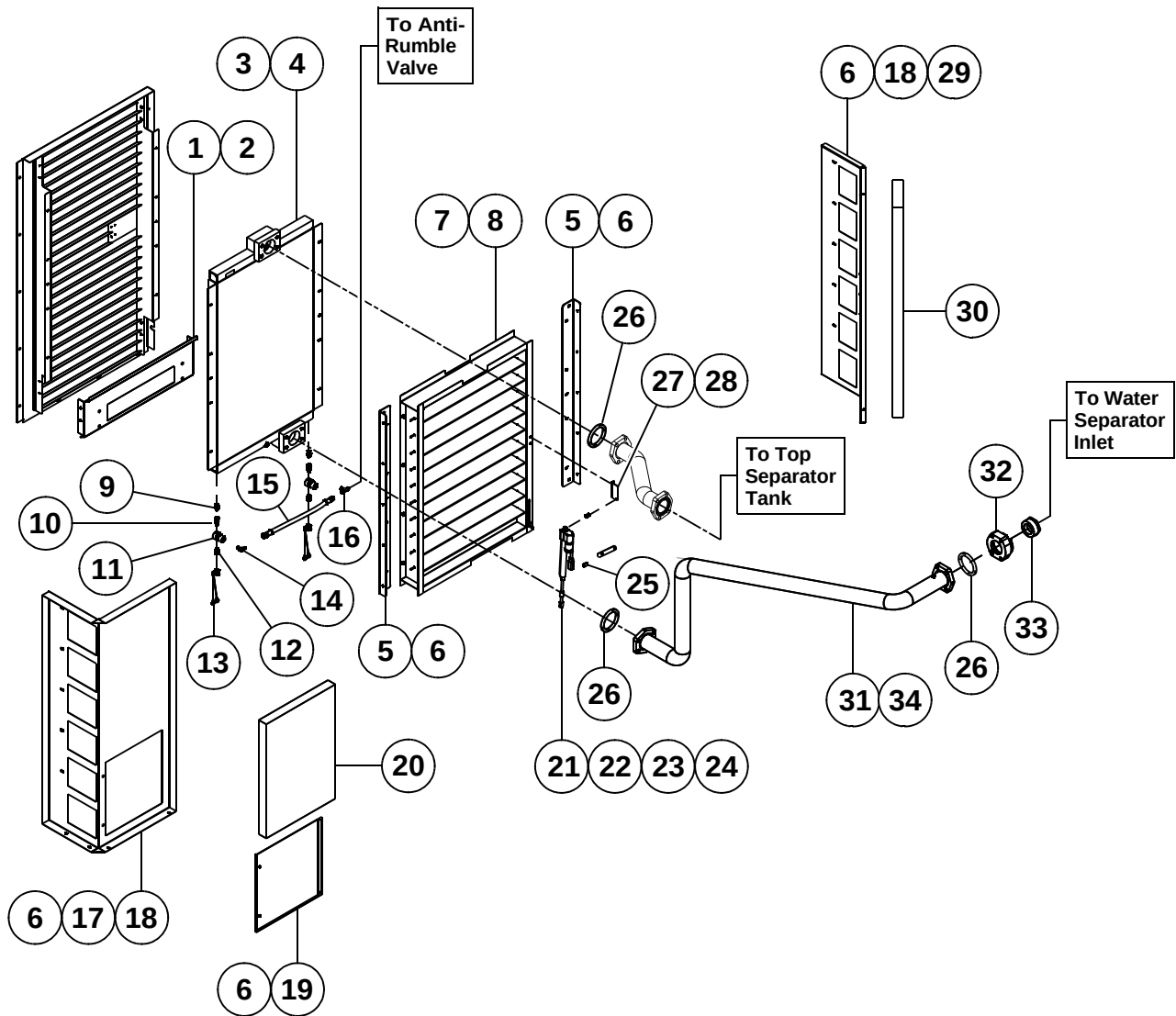
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
	36754059	Gasket, Unloader		Airend
	36884112	Valve, Butterfly		Airend
	39929351	Seal Assembly, HR2.5 Shaft Bronze		Airend
	35355536	O-Ring, 4.73" ID X 0.139" Cross Section		Airend
	35584556	Mount, Center Bonded		Airend
	95225116	Gasket, Ring		Airend
	22226922	Valve, Check 3" Wafer		Airend
	95358040	O-Ring, 3.38" ID X 0.125" Cross Section		Airend
	36860336	Element, Airend Oil Filter		Airend
	36867786	Element, Engine Air Filter Primary		Air Intake
	36876019	Element, Engine Air Filter Safety		Air Intake
	36867778	Valve, Evacuator		Air Intake
	36864361	Element, Airend Air Filter Primary		Air Intake
	36864379	Element, Airend Air Filter Safety		Air Intake
	46553971	Valve, Safety 440 PSI		Air Piping
	22225205	Valve, Safety 150 PSI		Air Piping
	22207526	Valve, Check 3" Minimum Pressure		Air Piping
	95358040	O-Ring, 3.38" ID X 0.125" Cross Section		Air Piping
	35584689	Cylinder, Air		Air Piping
	35288885	Bushing, 3/8" ID X 5/8"		Air Piping
	35300532	Bearing, Rod End		Air Piping
	35579523	Spring, Extension		Air Piping
	35248145	Valve, 1/4" NPT Check		Air Piping
	35315795	Valve, Regulator		Air Piping
	35849215	Valve, Auto Blowdown		Air Piping
	46601080	Valve, Poppet		Air Piping (Anti-Rumble)
	35132299	Pneumatic, Silencer		Air Piping
	46558801	Gauge, Pressure 0 - 600 PSI		Air Piping
	46553075	Valve, Solenoid 1/4" NPT		Electrical
	22102339	Switch, Coolant Level		Electrical
	46556146	Switch, Battery Disconnect		Electrical
	36920825	Transducer, Pressure 0 - 100 PSI		Electrical
	54765946	Transducer, Pressure 0 - 500 PSI		Electrical
	23294820	Sensor, Temperature 3/8" NPT		Electrical
	46565980	Sender, Fuel Level		Electrical
	46611204	Sensor, Engine Air Intake Temperature		Electrical
	23294838	Sensor, Temperature 1/2" NPT		Electrical
	36853521	Relay, 24V SPST 100 A		Electrical
	46558802	Gauge, Tachometer		Electrical
	46558803	Gauge, Engine Oil Pressure		Electrical
	46558804	Gauge, Engine Coolant Temperature		Electrical
	46558805	Gauge, Voltmeter		Electrical
	46558806	Gauge, Airend Discharge Temperature		Electrical
	46565479	Gauge, Fuel Level		Electrical
	46551938	Controller, Titan		Electrical
	46594821	Viewport		Electrical
	46559025	Switch, Main Control		Electrical
	46599319	Kit, Engine Tachometer Connector Repair		Electrical

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
	46559026	Button, Service Air		Electrical
	46556142	Switch, Regeneration Control		Electrical
	46568519	Switch, Pressure 12 PSI		Electrical
	46556477	Fuse, 150 A AMG Style		Electrical
	23281017	Switch Assembly, E-Stop		Electrical
	36847838	Switch, Vacuum		Electrical
	46576919	Compressor, 24 VDC		Electrical
	46599303	Kit, Viewport Connector		Electrical
	46557109	Gauge, Hourmeter		Electrical
	46578323	Filter, Engine Oil		Engine
	46578324	Conditioner, Coolant Filter		Engine
	46605739	Engine Fan Belt Set		Engine
	46613690	Filter, Crankcase Breather		Engine
	46578321	Filter, Primary Fuel		Fuel
	22090526	Filter, Secondary Fuel		Fuel
	22730022	Bowl, Primary Fuel Filter		Fuel
	46594960	Element, Fuel Tank Vent Filter		Fuel
	46578120	Element, Fuel Filter 7 Micron		Fuel
	35322395	Silencer, Pneumatic 1/4" NPT		Fuel
	46595801	Valve, Oil Pressure Relief		Oil Piping
	22201271	Seal, Lip		Oil Piping
	23283559	Element, Separator		Oil Piping
	39207402	Element, 150° Temperature Thermostat		Oil Piping
	22349765	O-Ring, Filter Housing		IQ Option
	54739032	Element, Primary Filter		IQ Option
	54739040	Element, Secondary Filter		IQ Option
	46599239	Transducer, Pressure Differential 300 PSI		IQ Option
	46569499	Controller, IQ TCU		IQ Option
	46572083	Maintenance Kit, 500 HR		
	46572084	Maintenance Kit, 1000 HR		
	46572085	Maintenance Kit, 2000 HR		
	46557015	Engine Oil, SAE 15W-40 API CJ-4 55 gal		
	22252050	Fluid, Compressor XHP605 55 gal		



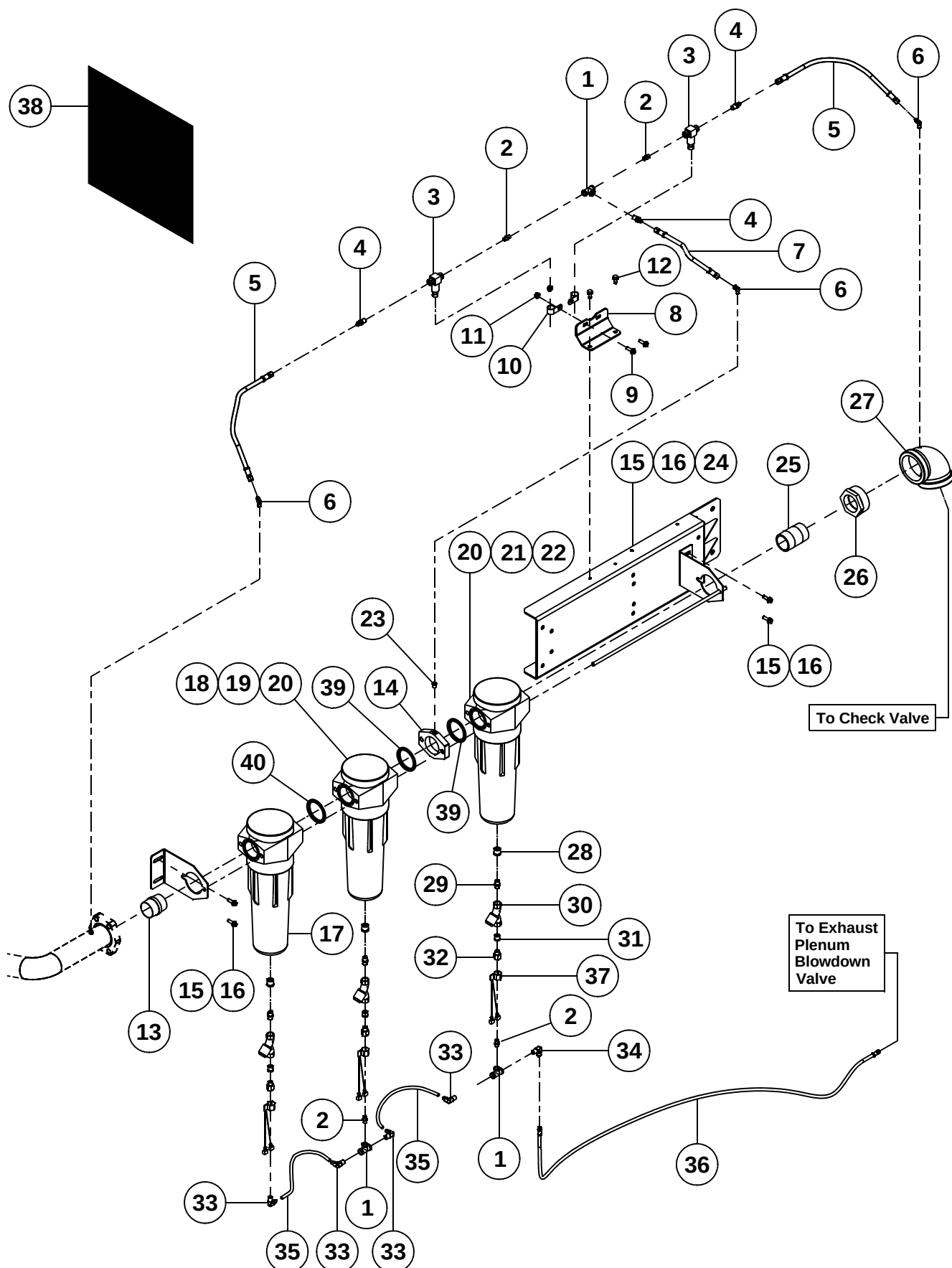
OPTION PARTS

Aftercooler and Low Ambient Shutter



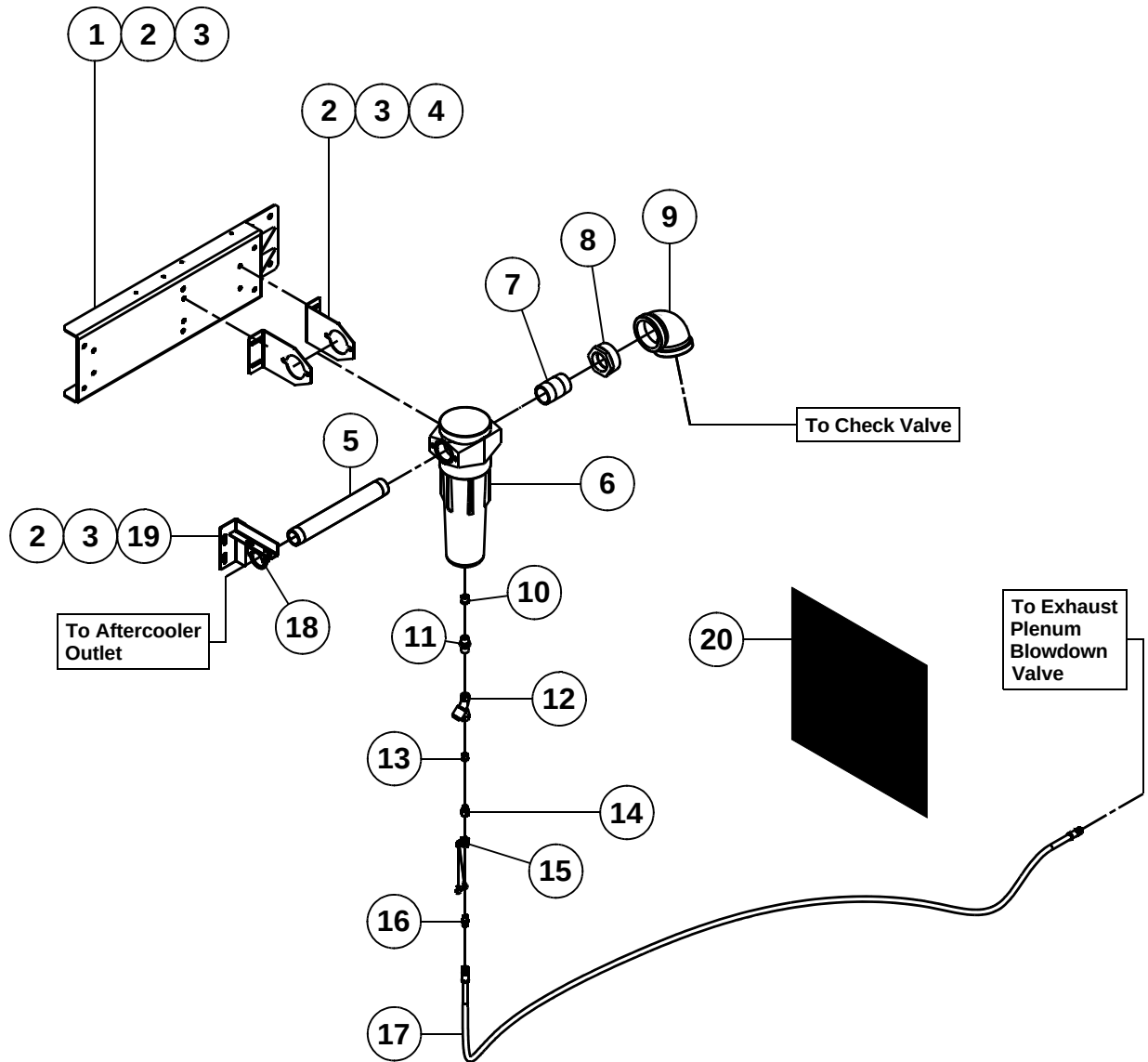
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46585499GA	Bracket, Fuel Cooler	1	
2	36797652	Screw, Tapping M06 - 1.0 X 12	4	
3	46554172	Aftercooler	1	
4	23294820	Sensor, Temperature 3/8" NPT	1	
5	46576821SB	Bracket, Aftercooler	2	
6	35279025	Screw, Tapping M08 - 1.25 X 20	22	
7	46551839	Shutter, IQ	1	
8	36889608	Screw, Hex Flange M08 - 1.25 X 25	8	
9	35290147	Connector, 3/8" NPT X -6 JIC	2	
10	35367846	Connector, Female Swivel 1/4" NPT X -6 JIC	2	
11	36920445	Valve, Blowdown	2	
12	35123124	Fitting, Orifice 0.125" X 1/4" NPT	2	
13	36841526	Heater, 3/4" Hex 24 VDC	2	
14	35279934	Elbow, 90° 1/4" NPT X -6 JIC	1	
15	35311471	Hose, -6 JIC X 30"	1	
16	35283050	Tee, Run 1/4" NPT X -6 JIC	1	
17	46584820GA	Baffle, Aftercooler	1	
18	36895746	Nutsert, Hex M08 - 1.25	3	
19	46584821GA	Baffle, Fuel Cooler Access	1	
20	46578383	Foam, 2" Baffle	1	
21	36898310	Actuator, Linear 24 V	1	
22	95934568	Screw, Hex 1/4" - 20 X 2"	2	
23	95935029	Washer, Flat 1/4" ID	2	
24	95923298	Nut, Hex Lock 1/4" - 20	2	
25	89297618	Collar, Spacer	2	
26	95358040	O-Ring, 3.38" ID X 0.125" Cross Section	3	
27	22569073	Bracket, Shutter Actuator	1	
28	96701461	Screw, Hex M06 - 1.0 X 25	2	
29	46576820GA	Baffle, Aftercooler	1	
30	46578388	Foam, 2" Aftercooler Baffle	1	
31	46607779	Tube, Aftercooler Outlet	1	
32	36893220	Adapter, Flat Face Flange 3" NPT	1	
33	95951398	Bushing, Reducer 3" NPT X 2" NPT Female	1	
34	95929089	Screw, Hex 5/8" - 11 X 1-3/4"	8	

IQ Filter Mount



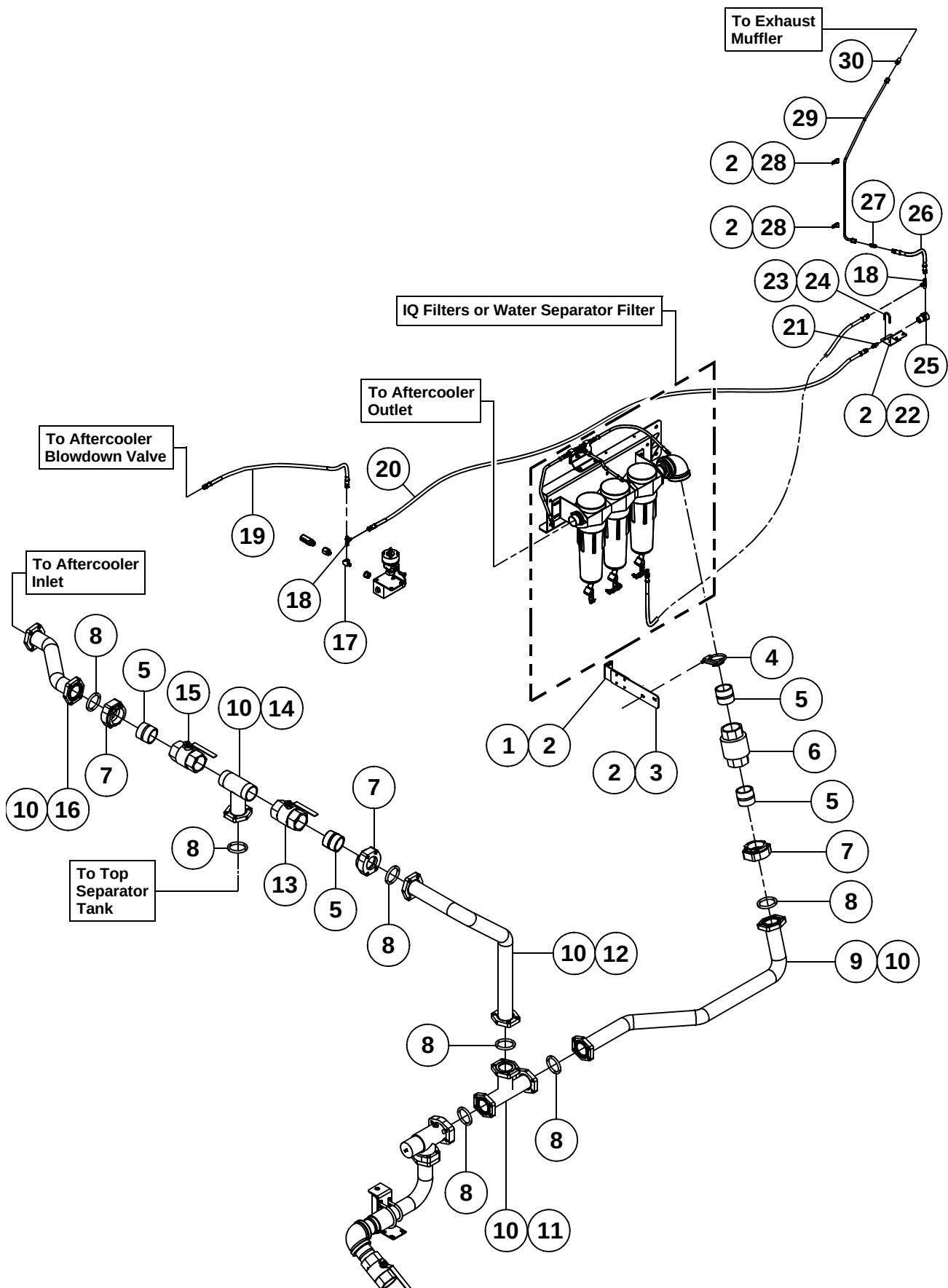
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36882223	Tee, Pipe 1/4" NPT	3	
2	95452025	Nipple, Standard 1/4" NPT X 7/8"	4	
3	46599239	Transducer, Pressure Differential 300 PSI	2	
4	35283472	Connector, Swivel 1/4" NPT X -4 JIC	3	
5	35358662	Hose, -4 JIC X 19"	2	
6	35284496	Elbow, 45° 1/8" NPT X -4 JIC	3	
7	35282904	Hose, -4 JIC X 11-1/2"	1	
8	46603159SB	Bracket, Pressure Transducer	1	
9	36889608	Screw, Hex Flange M08 - 1.25 X 25	2	
10	35291285	Clamp, Hose	2	
11	36881886	Nut, Hex Flange M08 - 1.25	2	
12	35279025	Screw, Tapping M08 - 1.25 X 20	2	
13	95953790	Nipple, Short 2" NPT X 2-1/2"	1	
14	22068845	Spacer, Filter Port	1	
15	36880995	Screw, Hex Flange M10 - 1.5 X 30	8	
16	36879195	Nut, Hex Flange M10 - 1.5	8	
17	54731617	Separator, Moisture XHP	1	
18	54731625	Filter, Primary XHP	1	
19	54739032	Element, Primary Filter	1	
20	22349765	O-Ring, Filter Housing	2	
21	54738992	Filter, Secondary XHP	1	
22	54739040	Element, Secondary Filter	1	
23	95930301	Bushing, Reducer 1/4" NPT X 1/8" NPT	1	
24	46552066SB	Bracket, IQ Filter Mounting	1	
25	95113841	Nipple, Long 2" NPT X 3-1/2"	1	
26	95951398	Bushing, Reducer 3" NPT X 2" NPT Female	1	
27	46599279	Elbow, 90° 3" NPT with 1/8" Dia. Hole	1	
28	95245353	Bushing, Reducer 1/2" NPT X 3/8" NPTF	3	
29	95772562	Nipple, Close 3/8" NPT X 1"	3	
30	46612699	Y-Strainer, 3/8" NPT	3	
31	46547915	Bushing, Reducer Brass 3/8" NPT X 1/4" NPT	3	
32	37081528	Orifice, Fitting 0.063" X 1/4" NPT	3	
33	46547980	Elbow, 90° 1/4" NPT X 1/4" Tube	4	
34	46547881	Elbow, 90° 1/4" NPT X 3/8" Tube	1	
35	46595720	Hose, -4 JIC Straight X Straight 355 mm	2	
36	46595719	Hose, -6 JIC Straight X Straight 2794 mm	1	
37	36841526	Heater, 3/4" Hex 24 VDC	3	
38	46616842	Card Set, IQ Filter	1	
39	22243141	O-Ring, Filter Spacer	2	
40	22243158	O-Ring, Filter	1	

Water Separator Mount



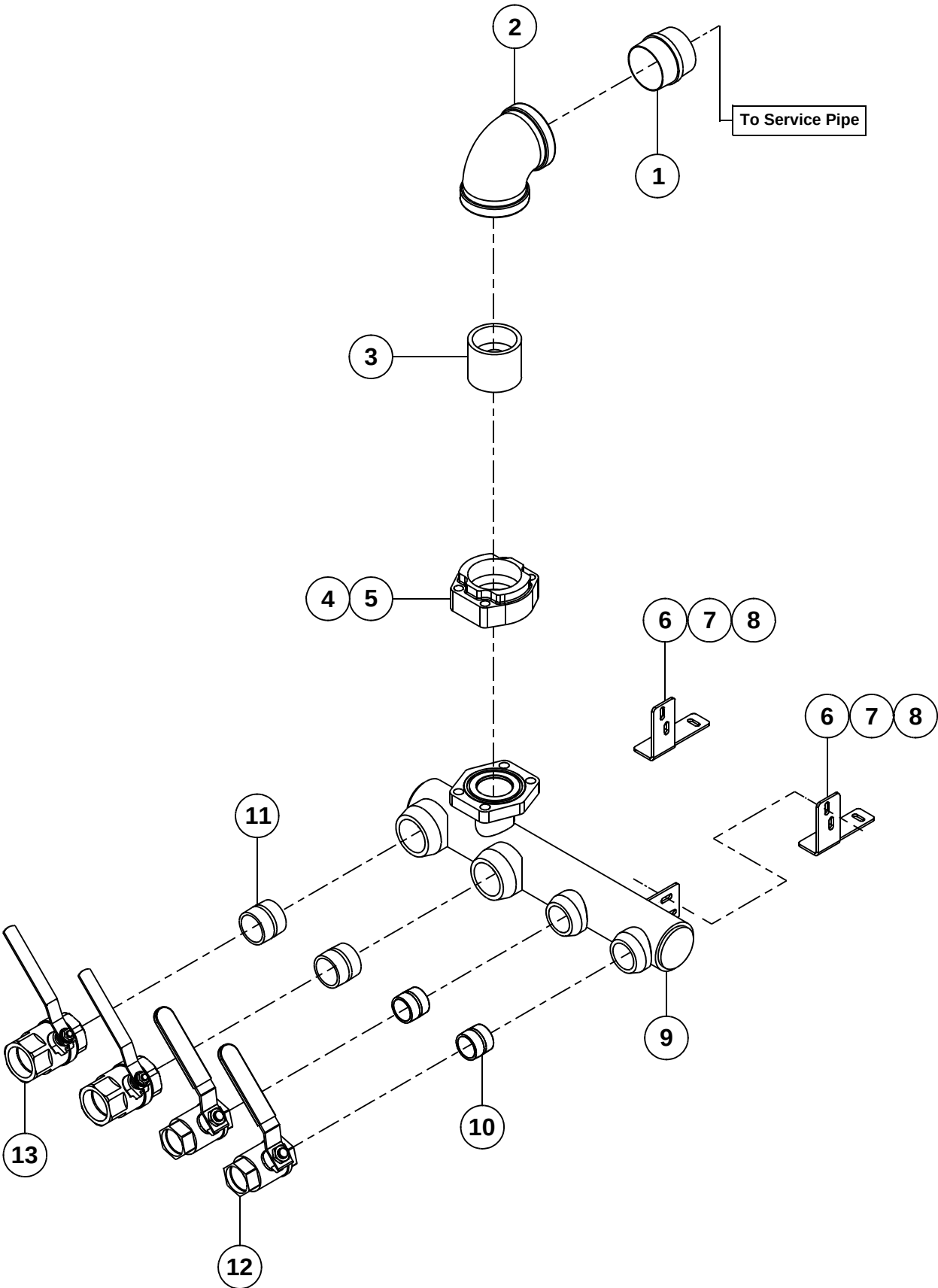
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46552066SB	Bracket, IQ Filter Mounting	1	
2	36880995	Screw, Hex Flange M10 - 1.5 X 30	14	
3	36879195	Nut, Hex Flange M10 - 1.5	14	
4	54735204	Bracket, IQ Filter Mounting	2	
5	46552079	Nipple, Long 2" NPT X 17-1/2"	1	
6	54731617	Separator, Moisture XHP	1	
7	95113841	Nipple, Long 2" NPT X 3-1/2"	1	
8	95951398	Bushing, Reducer 3" NPT X 2" NPT Female	1	
9	95954814	Elbow, 90° 3" NPT	1	
10	95245353	Bushing, Reducer 1/2" NPT X 3/8" NPTF	1	
11	95772562	Nipple, Close 3/8" NPT X 1"	1	
12	46612699	Y-Strainer, 3/8" NPT	1	
13	46547915	Bushing, Reducer Brass 3/8" NPT X 1/4" NPT	1	
14	37081528	Orifice, Fitting 0.063" X 1/4" NPT	1	
15	36841526	Heater, 3/4" Hex 24 VDC	1	
16	35284082	Connector, 1/4" NPT X -6 JIC	2	
17	46595719	Hose, -6 JIC Straight X Straight 2794 mm	1	
18	35209048	Clamp, Saddle 2-1/2" ID	1	
19	46609879	Bracket, Water Separator Support	1	
20	46616843	Card Set, Aftercooler	1	

IQ Filter or Water Separator Piping



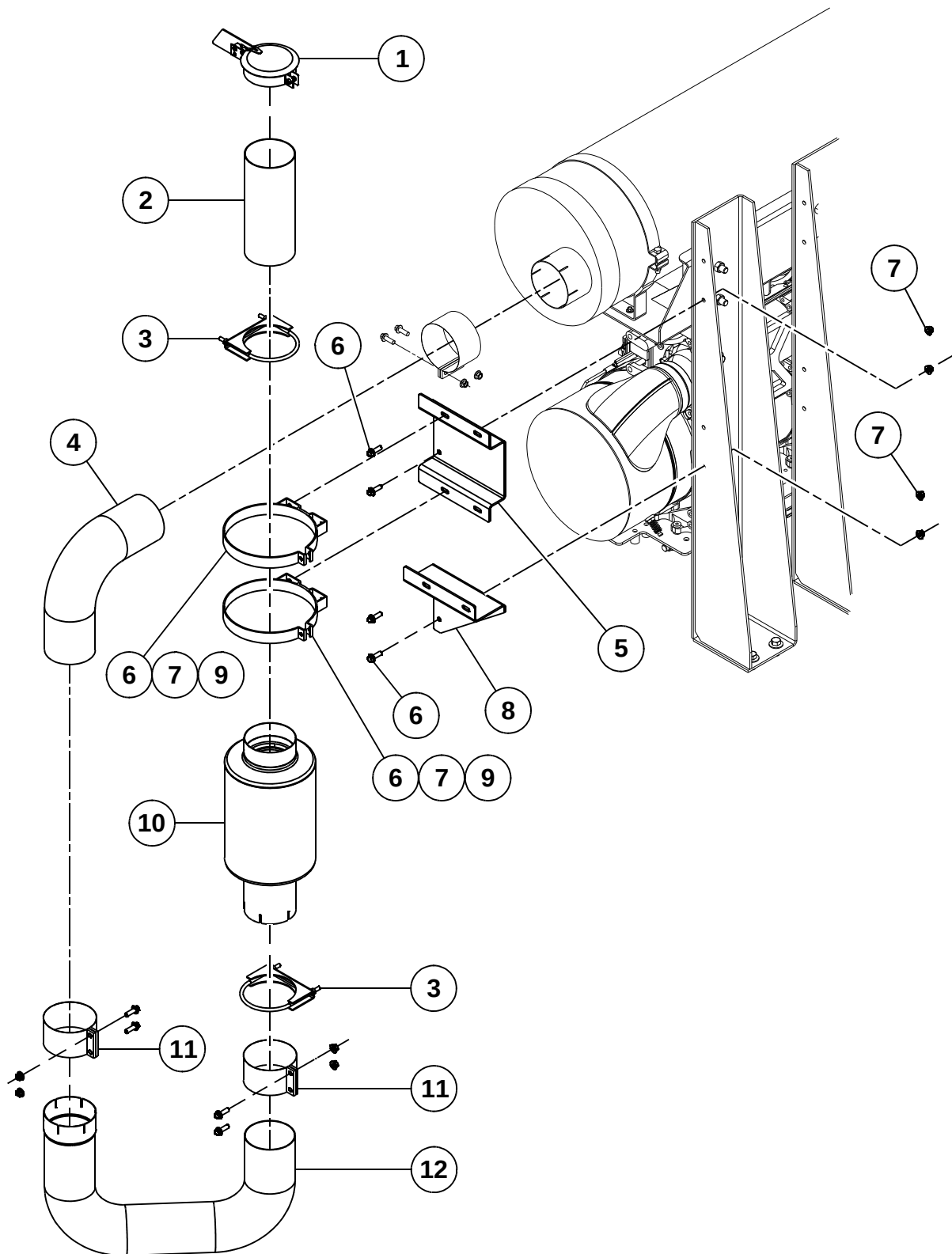
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46558139SB	Bracket, IQ Out Pipe Lifting Bail Side	1	
2	35279025	Screw, Tapping M08 - 1.25 X 20	10	
3	46558360SB	Bracket, IQ Out Pipe Pipe Side	1	
4	35113646	Clamp, Saddle 3"	1	
5	95934287	Nipple, Close 3" NPT X 2-5/8"	4	
6	46597399	Valve, Check 3" NPT	1	
7	36893220	Adapter, Flat Face Flange 3" NPT	3	
8	95358040	O-Ring, 3.38" ID X 0.125" Cross Section	7	
9	46552019	Tube, Water Separator to Min. Press Valve	1	
10	95929089	Screw, Hex 5/8" - 11 X 1-3/4"	32	
11	46551859	Tube, Branch	1	
12	46551862	Tube, Separator Tank to Min. Press Valve	1	
13	22225213	Valve, Ball 3" NPT	1	
14	46556285	Tube, Branch	1	
15	22225221	Valve, Ball Lockable 3" NPT	1	
16	46576822	Tube, Aftercooler Inlet	1	
17	35114545	Tee, Street 1/4" NPT	1	
18	46595722	Tee, Run -6 JIC X -6 JIC X 1/4" NPT	2	
19	35283019	Hose, -6 JIC X 54"	1	
20	36920304	Hose, -6 JIC X 128"	1	
21	35284082	Connector, 1/4" NPT X -6 JIC	1	
22	46593499SB	Bracket, Mounting Blowdown Valve	1	
23	35166404	U-Bolt, 1/4" - 20 X 1-1/4" ID	1	
24	95923298	Nut, Hex Lock 1/4" - 20	2	
25	36920445	Valve, Blowdown	1	
26	46604560	Hose, -6 JIC X 14-3/4"	1	
27	46607259	Connector, -6 JIC Male	1	
28	35253038	Clamp, Support 3/8" Rubber Coated	2	
29	46604279	Tube, IQ Drain	1	
30	46593959	Connector, Brass 3/8" NPT X -6 JIC	1	

Service Air Manifold



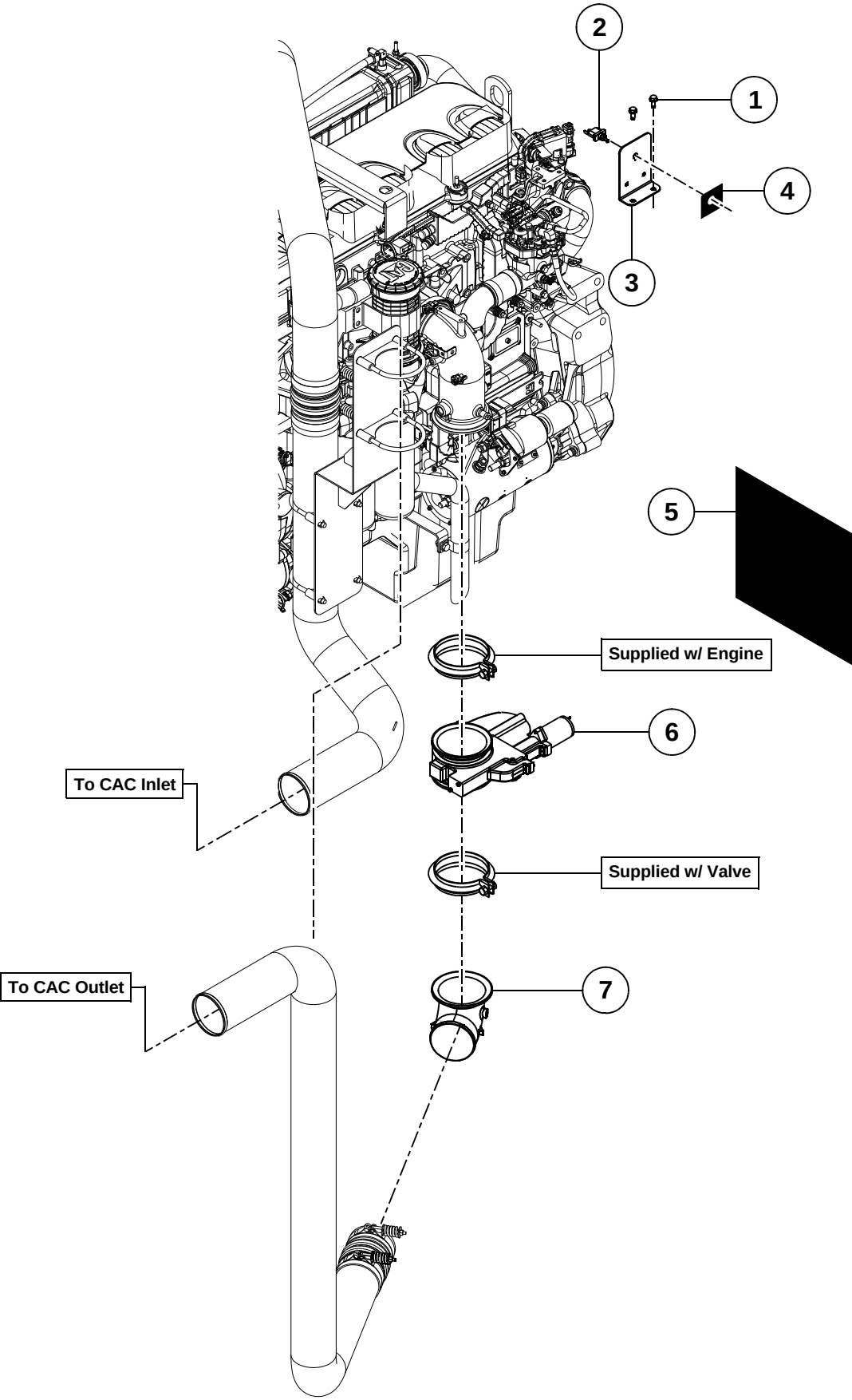
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	95940946	Nipple, Short 3" NPT X 3"	1	
2	95954814	Elbow, 90° 3" NPT	1	
3	54393210	Nipple, 3" NPT w/ Orifice	1	
4	36893220	Adapter, Flat Face Flange 3" NPT	1	
5	95929089	Screw, Hex 5/8" - 11 X 1-3/4"	4	
6	46611160SB	Bracket, Service Air Manifold	2	
7	36880995	Screw, Hex Flange M10 - 1.5 X 30	6	
8	36879195	Nut, Hex Flange M10 - 1.5	6	
9	46611159	Manifold, Service Air	1	
10	95928032	Nipple, Close 1-1/2" NPT X 1-3/4"	2	
11	95944609	Nipple, Close 2" NPT X 2"	2	
12	46614979	Valve, Ball 1-1/2" NPT PED	2	
13	46614980	Valve, Ball 2" NPT PED	2	

Spark Arrestor



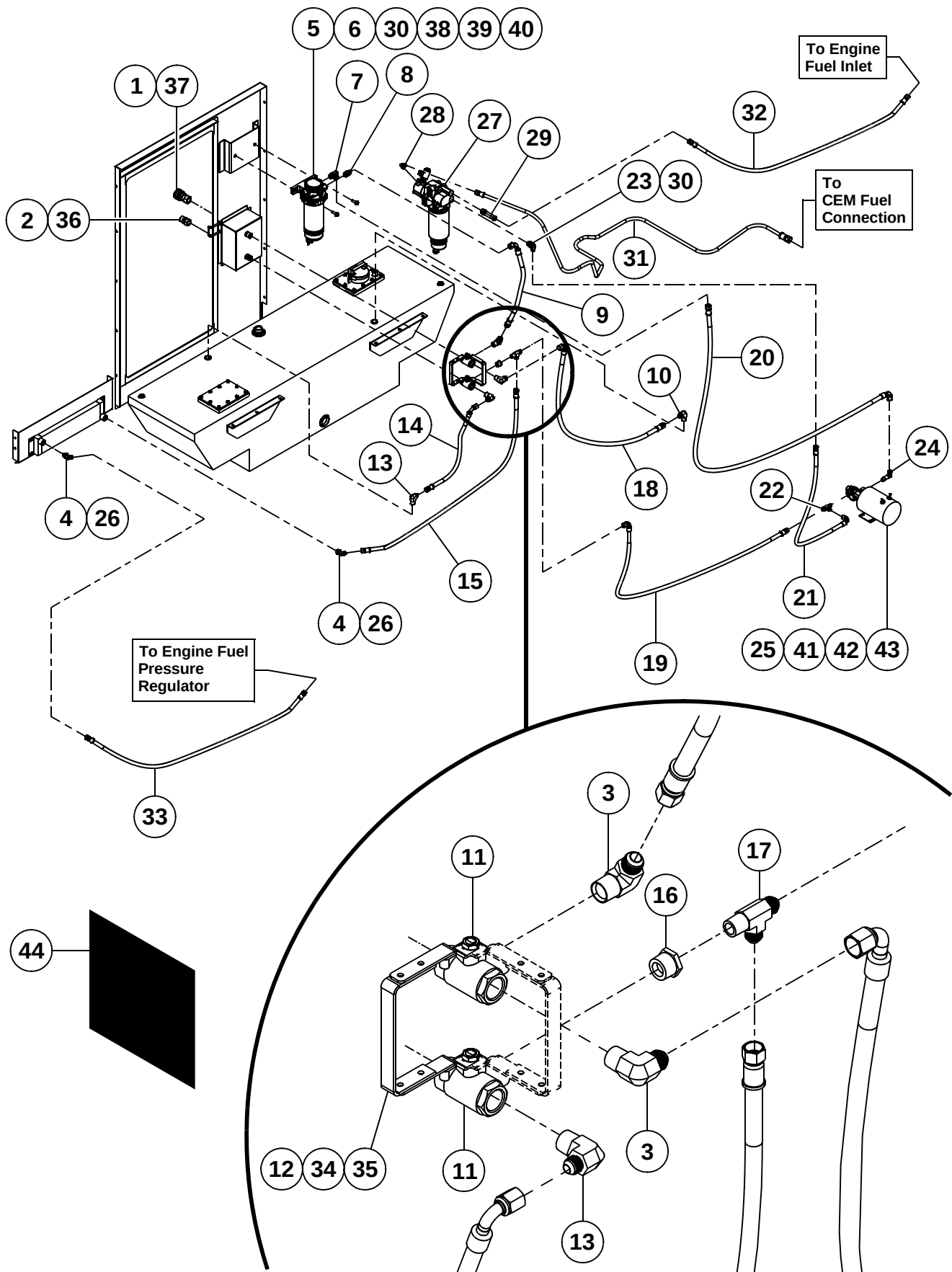
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35857036	Cap, Rain	1	
2	46613219	Tube, Spark Arrestor Outlet	1	
3	35127653	Clamp, Muffler 5" ID	2	
4	46571659	Tube, Muffler Outlet	1	
5	46612242	Bracket, Spark Arrestor Mount	1	
6	36880995	Screw, Hex Flange M10 - 1.5 X 30	8	
7	36879195	Nut, Hex Flange M10 - 1.5	8	
8	46612619SB	Bracket, Spark Arrestor Mount	1	
9	35294974	Band, Mounting 9" ID	2	
10	36876076	Aspirator, Spark	1	
11	35307131	Clamp, Seal 5" OD	2	
12	46612240	Tube, Spark Arrestor Inlet	1	

Intake Air Shutoff



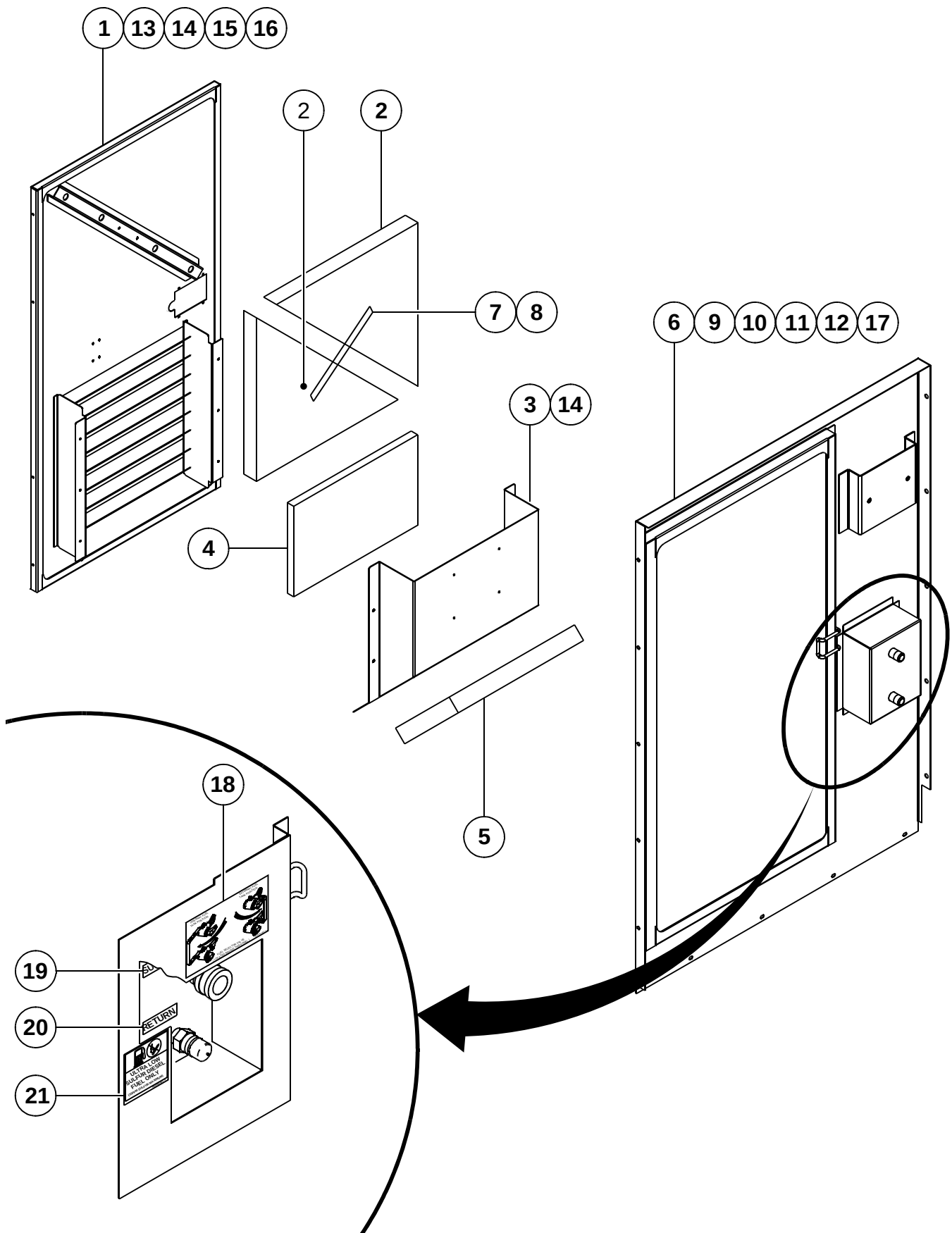
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35279025	Screw, Tapping M08 - 1.25 X 20	2	
2	54615091	Switch, Toggle SPST	1	
3	46585899SB	Bracket, Relay and Switch	1	
4	46604579	Decal, Overspeed Test-Run	1	
5	46616848	Card, Air Intake Shutoff Harness Schematic	1	
6	46578327	Valve, Air Shutoff	1	
7	46578328	Elbow, Air Inlet Short	1	

Remote Fuel Piping



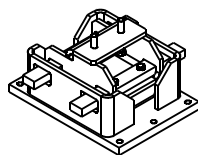
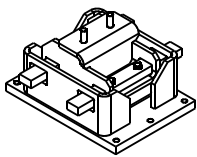
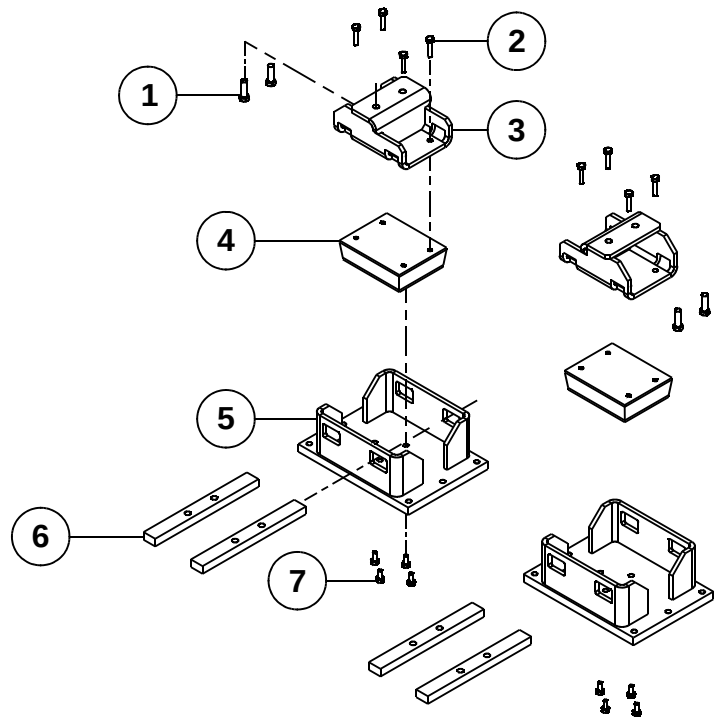
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	54489109	Coupler, Female Quick Connect 3/4"	1	Included in Filter Assy.
2	54489125	Coupler, Male Quick Connect 3/4"	1	
3	46604959	Elbow, 90° 3/4" NPT X -10 JIC	2	
4	35279819	Elbow, 45° 3/4" - 16 O-Ring X -8 JIC	2	
5	46491601	Assembly, Fuel / Water Separator Filter	1	
6	46492252	Element, Fuel / Water Separator	1	
7	35286491	Elbow, 90° 1-7/8" - 14 X -10 JIC	1	
8	35286954	Connector, 7/8" NPT X 7/8" JIC	1	
9	46568768	Hose, -10 JIC Straight X 90° 540 mm	1	
10	95279394	Elbow, 90° 3/4" NPT X -10 JIC	1	
11	54726575	Valve, 3-Way 3/4" NPT	2	
12	22330880SA	Lever, 3-Way Valve	2	
13	35287044	Elbow, 90° 3/4" NPT X -8 JIC	2	
14	46568767	Hose, -8 JIC Straight X 90° 721 mm	1	
15	46568766	Hose, -8 JIC Straight 1592 mm	1	
16	95953949	Bushing, Reducing 3/4" NPT X 1/2" NPT	1	
17	46572459	Tee, Male Run 1/2" NPT X -8 JIC	1	
18	46568771	Hose, -10 JIC Straight X 90° 1223 mm	1	
19	46568765	Hose, -8 JIC Straight X 90° 1632 mm	1	
20	46595679	Hose, 90° -8 JIC X -10 JIC Straight 2350 mm	1	
21	46568770	Hose, -8 JIC Straight X 90° 1086 mm	1	
22	35315977	Tee, 3/8" NPT X -8 JIC X -8 JIC	1	
23	35286442	Elbow, 90° 7/8" - 14 X -8 JIC	1	
24	46597139	Elbow, Extra Long 90° 3/8" NPT X -8 JIC	1	
25	46595339	Assembly, Fuel Pump	1	
26	35278589	O-Ring, 0.644" ID X 0.087" Cross Section	2	
27	CAT Part	Filter, Primary Fuel	1	
28	35279827	Elbow, 90° 9/16" - 18 X -6 JIC	1	
29	46556984	Elbow, 90° Long -10 SAE X -10 JIC	1	
30	35286533	O-Ring, 0.75" ID X 0.097" Cross Section	2	
31	46556983	Hose, -6 CEM Fuel Supply	1	
32	35121847	Hose, -10 JIC X 48"	1	
33	22141774	Hose, -8 JIC X 120"	1	
34	36898096	Screw, Hex Flange M06 - 1.0 X 20	4	
35	36898104	Nut, Hex Flange M06 - 1.0	4	
36	54720222	Plug, 3/4" Male Dust	1	
37	54720230	Plug, 3/4" Female Dust	1	
38	46609199	Assembly, Bowl Fuel / Water Separator	1	
39	36880995	Screw, Hex Flange M10 - 1.5 X 30	2	
40	35287028	Plug, O-Ring 7/8" - 14	2	
41	46595759	Pump, Fuel w/ Relief	1	Included in Pump Assy.
42	54728605	Motor, 1/4 hp 24 VDC	1	Included in Pump Assy.
43	35279025	Screw, Tapping M08 - 1.25 X 20	4	
44	46616849	Card, Remote Fuel Pump Harness Sch.	1	

Remote Fuel Enclosure



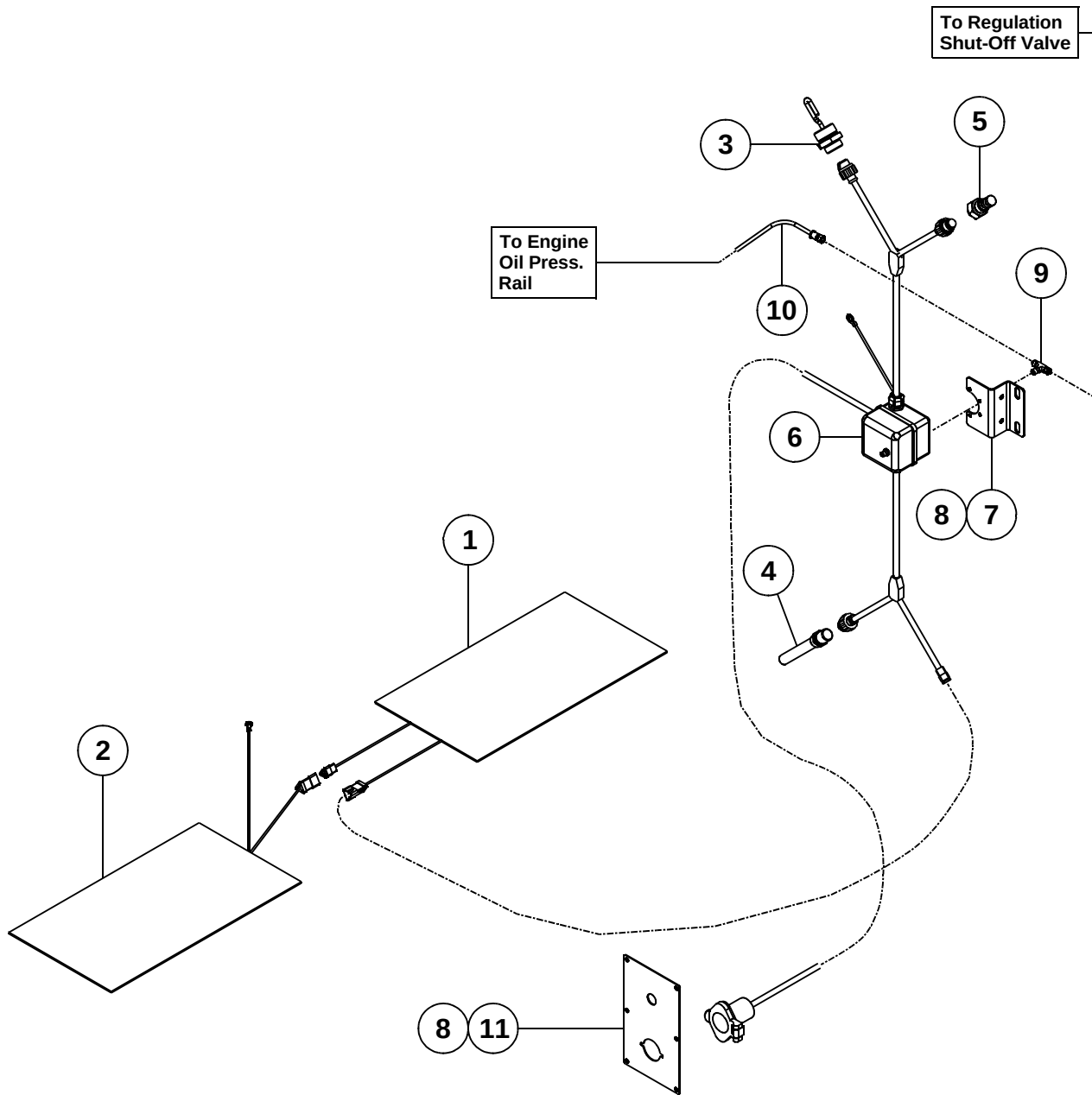
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46569148GA	Panel, Door Remote Fuel	1	
2	46585679	Foam, 2" Remote Fuel Door	2	
3	46576824GA	Baffle, Remote Fuel Door	1	
4	46585680	Foam, 1" Door Baffle	1	
5	46588519	Foam, 2" Door Baffle	1	
6	46569147GA	Panel, Door Frame Remote Fuel	1	
7	54718184	Strap, Foam Retention	1	
8	54519202	Screw, Hex Slotted 1/4" - 10 X 3/4"	1	
9	22617666	Seal, Rubber	64"	
10	35279025	Screw, Tapping M08 - 1.25 X 20	13	
11	46551959	Hinge, Door Access	1	
12	35300771	Screw, Taptite M06 - 1.0 X 20	5	
13	36774495	Strip, Door Seal	180"	
14	36797652	Screw, Tapping M06 - 1.0 X 12	8	
15	36793602	Latch, Door	1	
16	36794816	Rivet, 3/16" Dia. Black Stainless	4	
17	36895746	Nutsert, Hex M08 - 1.25	9	
18	46607444	Decal, Remote Fuel Tank Valve	1	
19	46601059	Decal, Fuel Supply	1	
20	46601060	Decal, Fuel Return	1	
21	46556990	Decal, Ultra Low Sulfur Diesel Fuel	1	

LRG Shock Mount



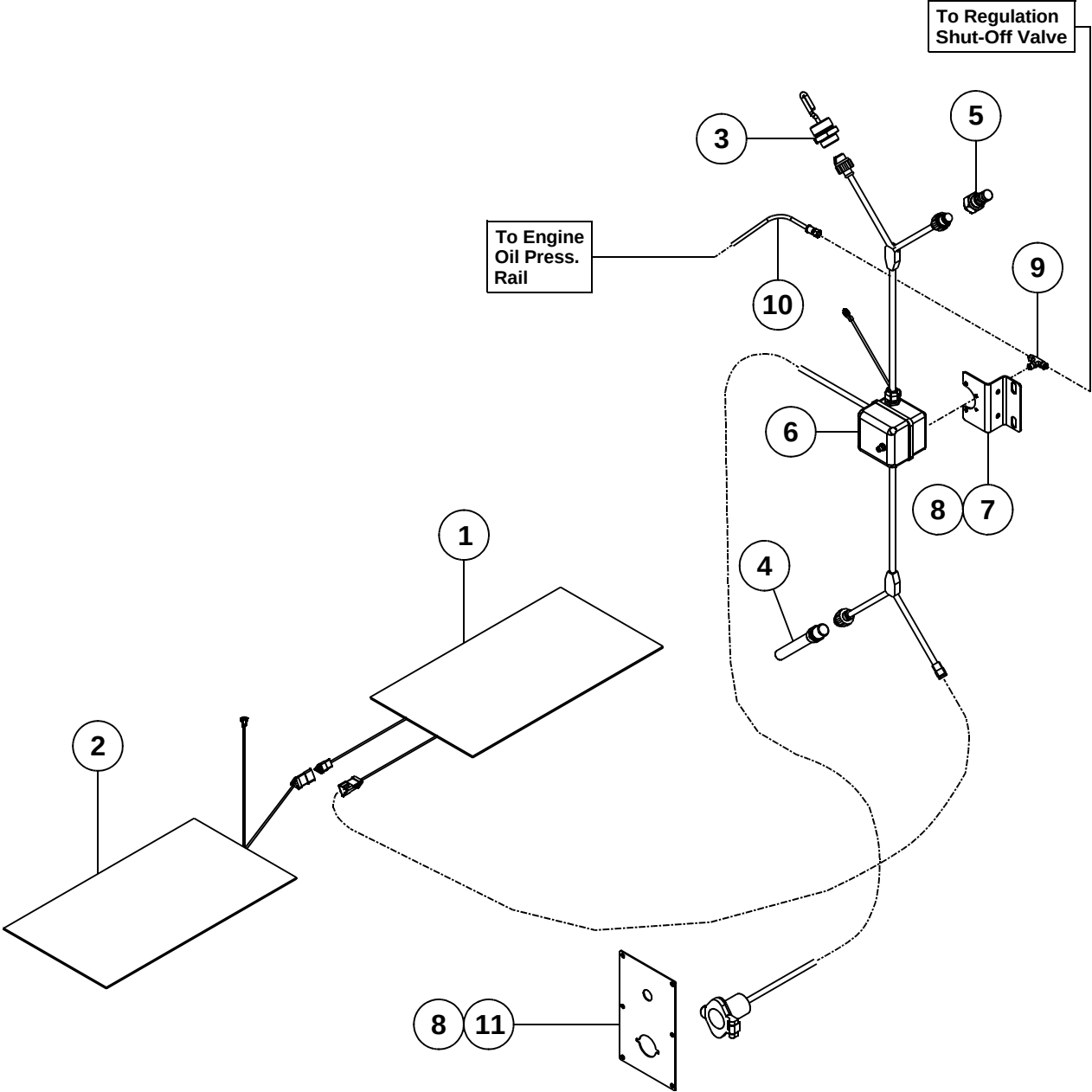
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	96703962	Bolt, Hex M16 - 2.0 X 50	8	
2	95994877	Screw, Hex 1/2" - 20 X 2"	16	
3	23287980SB	Support, Upper Shock Mount	4	
4	36847002	Isolator, Shear Mount	4	
5	22110753SB	Support, Lower Shock Mount	4	
6	22112171	Bar, Shock Mount Restraint	8	
7	95954079	Screw, Hex 1/2" - 20 X 1"	16	

120 VAC Heaters



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36920338	Heater, Battery Pad Rear	1	
2	36920346	Heater, Battery Pad Front	1	
3	46560500	Heater, Engine Coolant	1	
4	46589839	Heater, Engine Oil Pan	1	
5	46577399	Well, Thermostat 1-1/16" - 12	1	
6	46578139	Harness, Engine AC Heater	1	
7	36851533SB	Bracket, Pressure Switch	1	
8	36797652	Screw, Tapping M06 - 1.0 X 12	8	
9	35306075	Tee, Male Branch 1/4" NPT X -6 JIC	1	
10	35282987	Hose, -6 JIC X 34"	1	
11	46569321GB	Panel, E-Stop & 120 AC Heater	1	

240 VAC Heaters

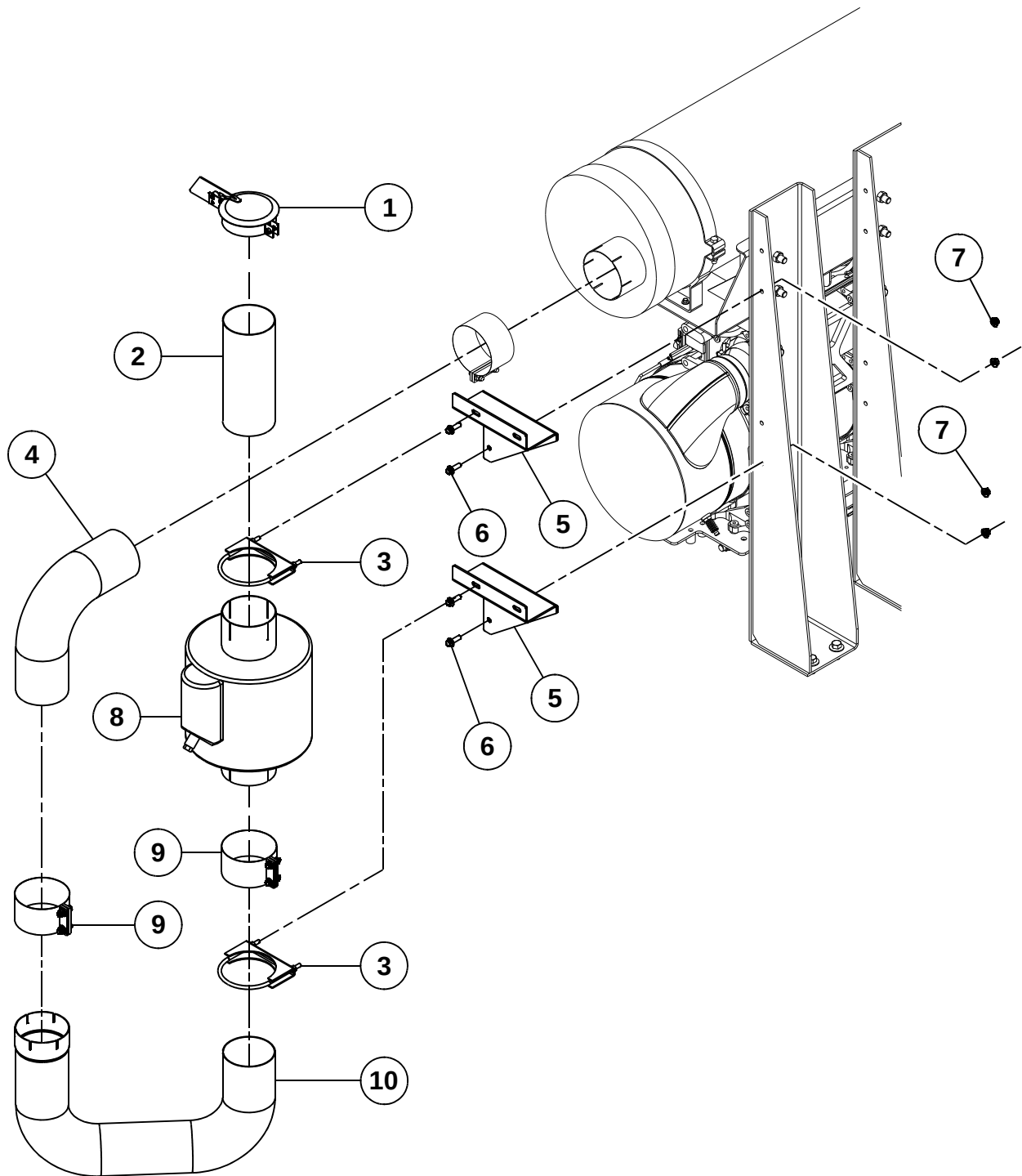


ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	54392626	Heater, Battery Pad Rear	1	
2	54392634	Heater, Battery Pad Front	1	
3	46577400	Heater, Engine Coolant	1	
4	46589859	Heater, Engine Oil Pan	1	
5	46577399	Well, Thermostat 1-1/16" - 12	1	
6	46580239	Harness, Engine AC Heater	1	
7	36851533SB	Bracket, Pressure Switch	1	
8	36797652	Screw, Tapping M06 - 1.0 X 12	8	
9	35306075	Tee, Male Branch 1/4" NPT X -6 JIC	1	
10	35282987	Hose, -6 JIC X 34"	1	
11	46569321GB	Panel, E-Stop & 120 AC Heater	1	



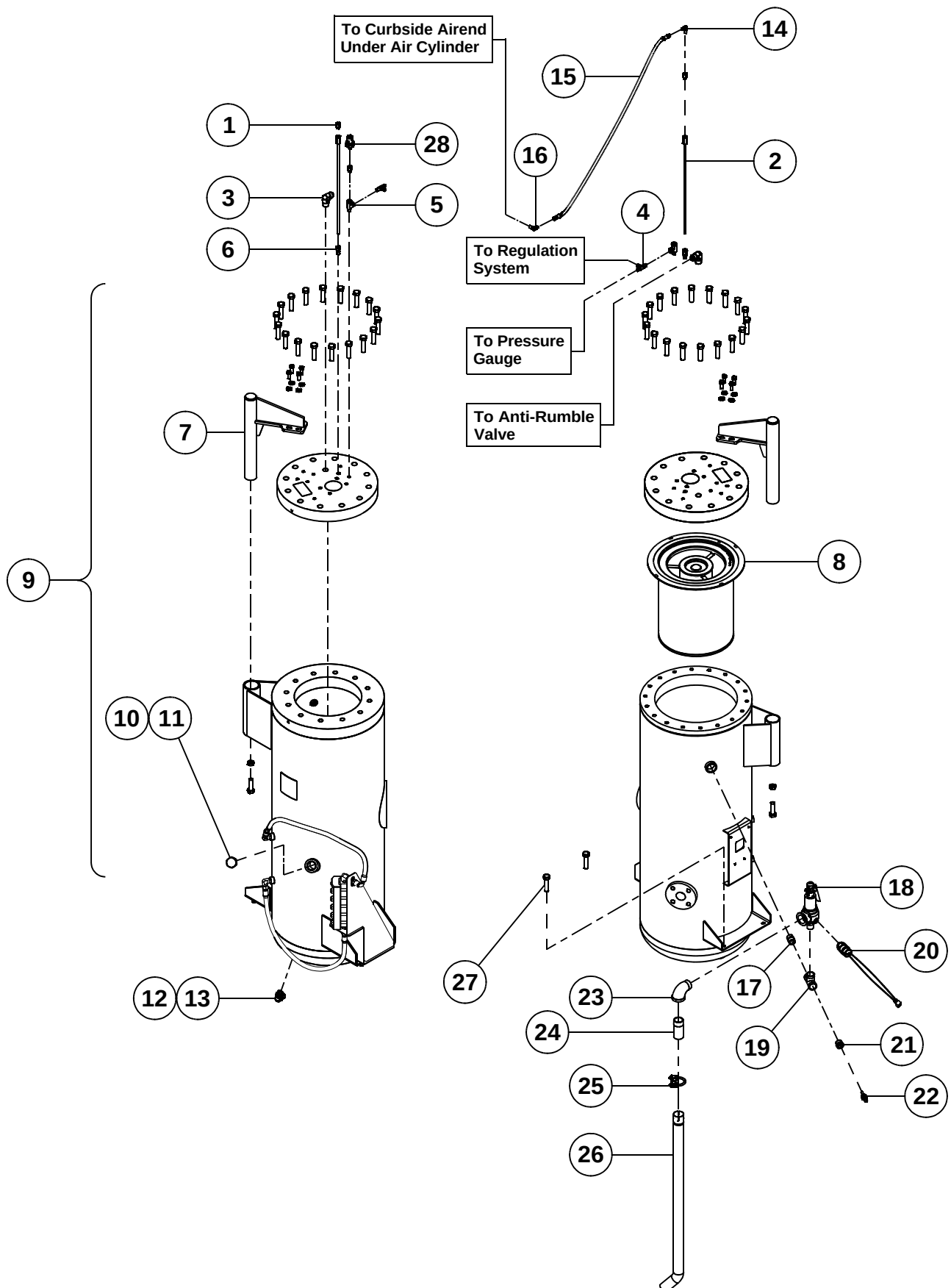
EMEA OPTION PARTS

Spark Arrestor



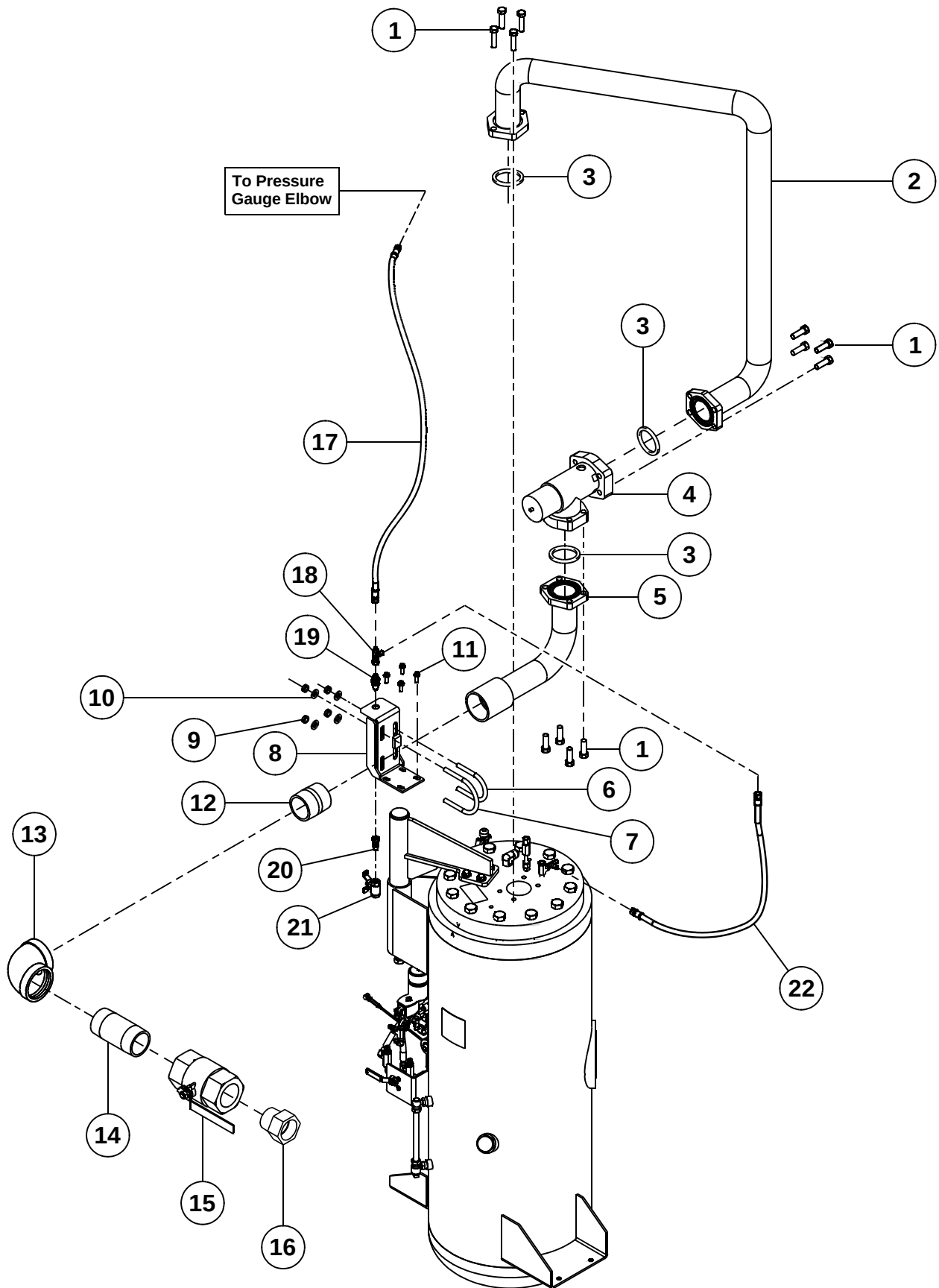
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35857036	Cap, Rain	1	
2	46612241	Tube, Spark Arrestor Outlet	1	
3	35127653	Clamp, Muffler 5" ID	2	
4	46571659	Tube, Muffler Outlet	1	
5	46612619SB	Bracket, Spark Arrestor Mount	1	
6	36880995	Screw, Hex Flange M10 - 1.5 X 30	4	
7	36879195	Nut, Hex Flange M10 - 1.5	4	
8	46613299	Arrestor, Spark CE	1	
9	35307131	Clamp, Seal 5" OD	2	
10	46612240	Tube, Spark Arrestor Inlet	1	

CE Mark Separator Tank Complete



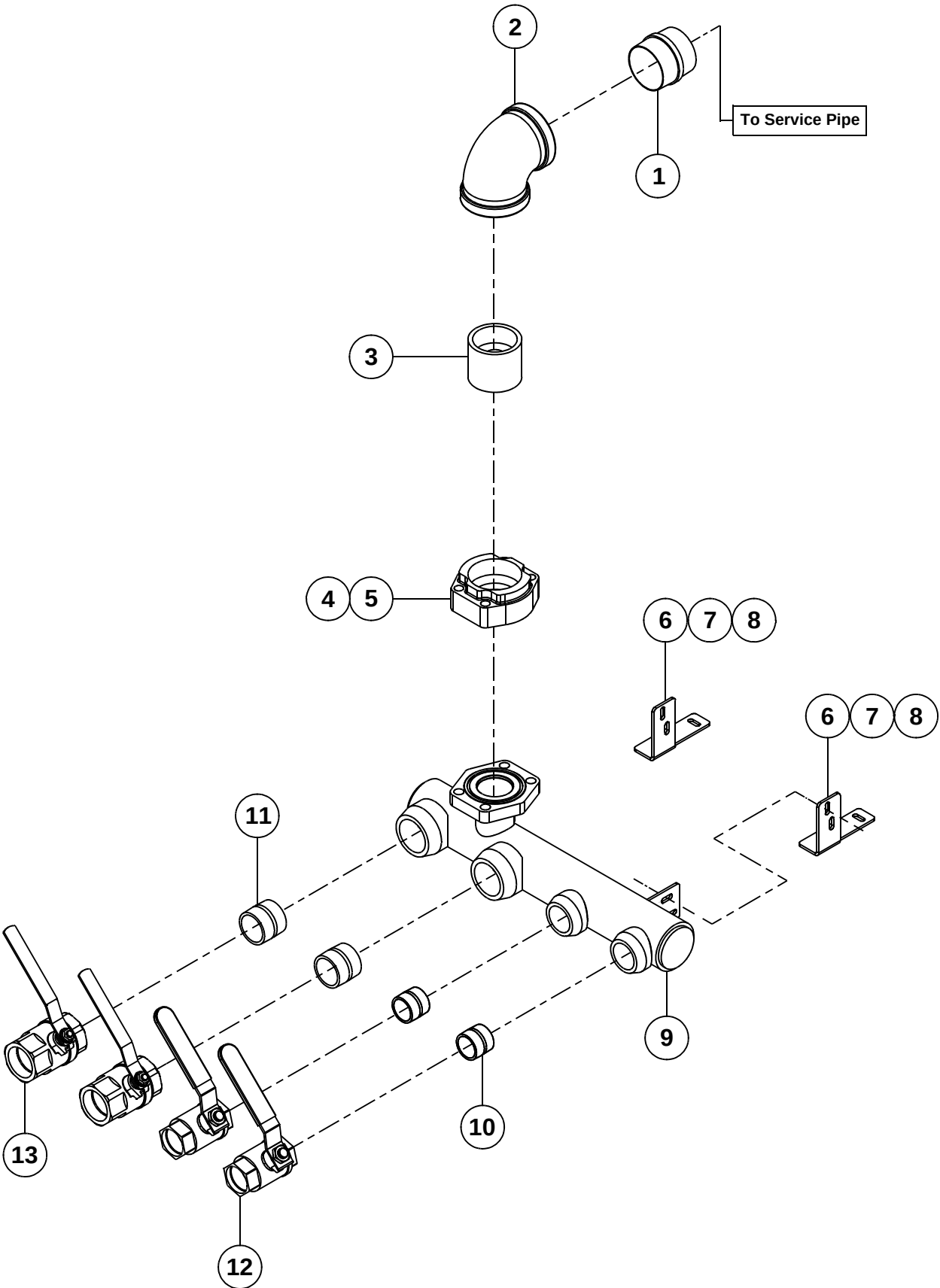
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	37081528	Orifice, 0.063" Dia. X 1/4" NPT	1	
2	46565359	Tube, Scavenge	1	
3	35294735	Elbow, 90° 3/4" NPT X -12 JIC	1	
4	35283050	Tee, Run 1/4" NPT X -6 JIC	1	
5	46547840	Tee, Male Run 1/4" NPT X 1/4" NPTF	1	
6	35329309	Fitting, Lenz	1	
7	46556166	Arm, Tank Cover Davit	1	
8	23283559	Element, Separator	1	
9	46590640	Tank, Separator CE Mark	1	
10	35579630	Plug, Oil Filler	1	
11	35279942	O-Ring, 1.48" ID X 0.118" Cross Section	1	
12	35294750	Elbow, 90° O-Ring 1-1/16" - 16 X -12 JIC	1	
13	35294768	O-Ring, 0.93" ID X 0.116" Cross Section	1	
14	35283464	Elbow, 90° 1/4" NPT X -4 JIC	1	
15	35310226	Hose, -4 JIC X 74"	1	
16	95365094	Elbow, 90° 9/16" NPT X -4 JIC	1	
17	95928040	Nipple, Pipe 3/4" NPT	1	
18	46553971	Valve, Safety 440 PSI	1	
19	95953410	Tee, Straight 3/4" NPT	1	
20	46568519	Switch, Pressure 12 PSI	1	
21	95953956	Bushing, Reducing 3/4" NPT X 3/8" NPTF	1	
22	23294820	Sensor, Temperature 3/8" NPT	1	
23	46565659	Elbow, St. Reducer 90° 1-1/4" NPT X 1-1/2" NPT	1	
24	36764389	Nipple, Pipe 1-1/2" NPT	1	
25	35192178	Clamp, Muffler 2"	1	
26	46565399	Pipe, Discharge Safety Valve	1	
27	36877793	Screw, Hex Flange M16 - 2.0 X 40	4	

Service Air Piping- EEC



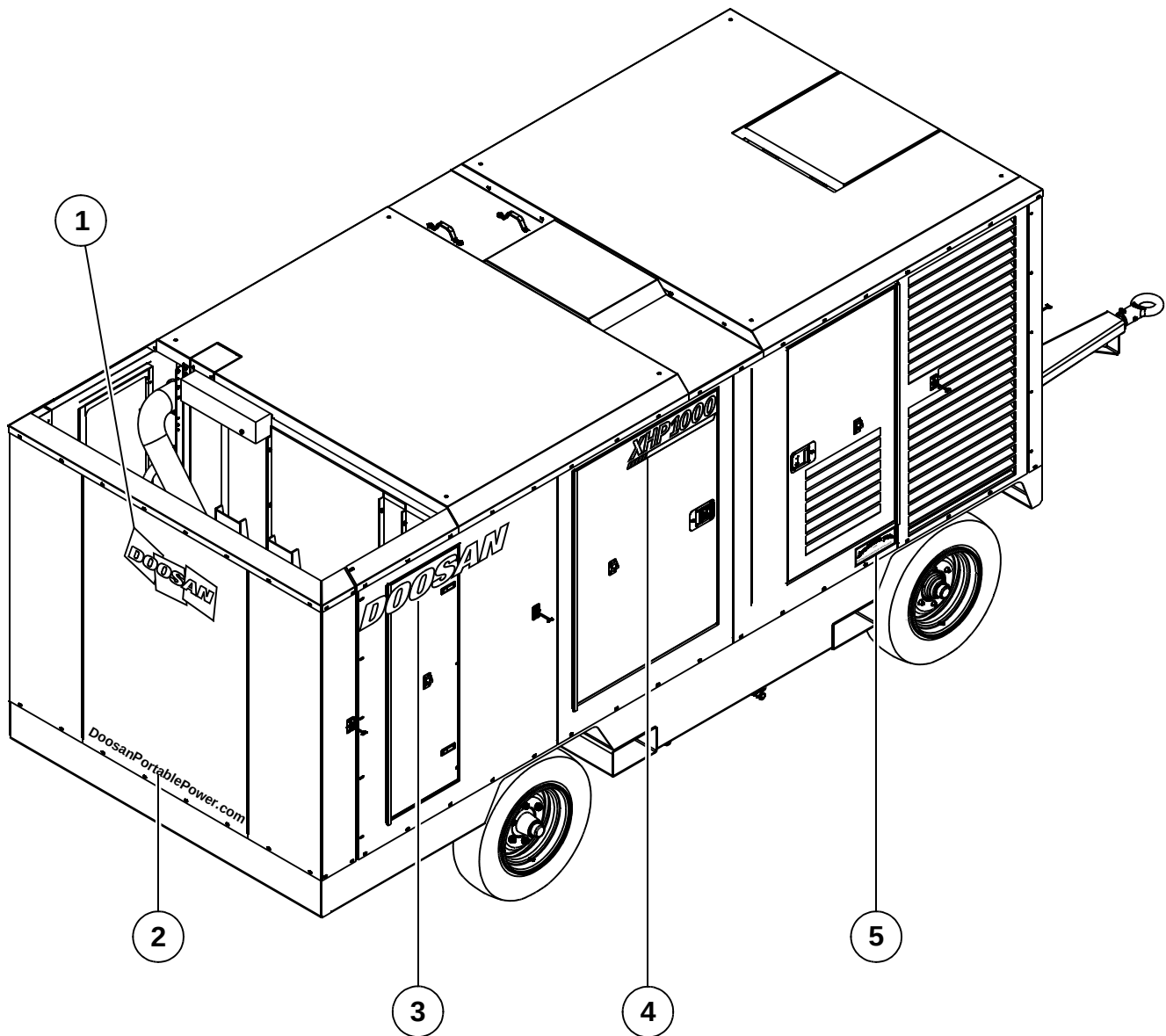
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	95929089	Screw, Hex 5/8" - 11 X 1-3/4"	12	
2	46551981	Tube, Service Air	1	
3	95358040	O-Ring, 3.38" ID X 0.125" Cross Section	3	
4	22207526	Valve, Check 3" Minimum Pressure	1	
5	22205090	Pipe, Service	1	
6	35586288	U-Bolt, 1/2" - 13 X 3"	1	
7	36799419	U-Bolt, 1/2" - 13 X 4-5/8"	1	
8	54668314	Bracket, Service Pipe Mounting	1	
9	95922902	Nut, Hex 1/2 "- 13	4	
10	95935003	Washer, Flat 1/2" ID	4	
11	35279025	Screw, Tapping M08 - 1.25 X 20	4	
12	54393210	Nipple, 3" NPT w/ Orifice	1	
13	95954814	Elbow, 90° 3" NPT	1	
14	95934287	Nipple, Close 3" NPT X 2-5/8"	1	
15	22225213	Valve, 3" Ball	1	
16	22110571	Adapter, 3" NPT X 3" BSPT	1	
17	35282987	Hose, -6 JIC X 34"	1	
18	35283084	Tee, Swivel Run -6 JIC	1	
19	35336189	Connector, Bulkhead -6 JIC	1	
20	35367846	Connector, Swivel Nut 1/4" NPT X -6 JIC	1	
21	23299472	Valve, Ball 1/4" NPT	1	
22	35283290	Hose, -6 JIC X 62"	1	

Service Air Manifold



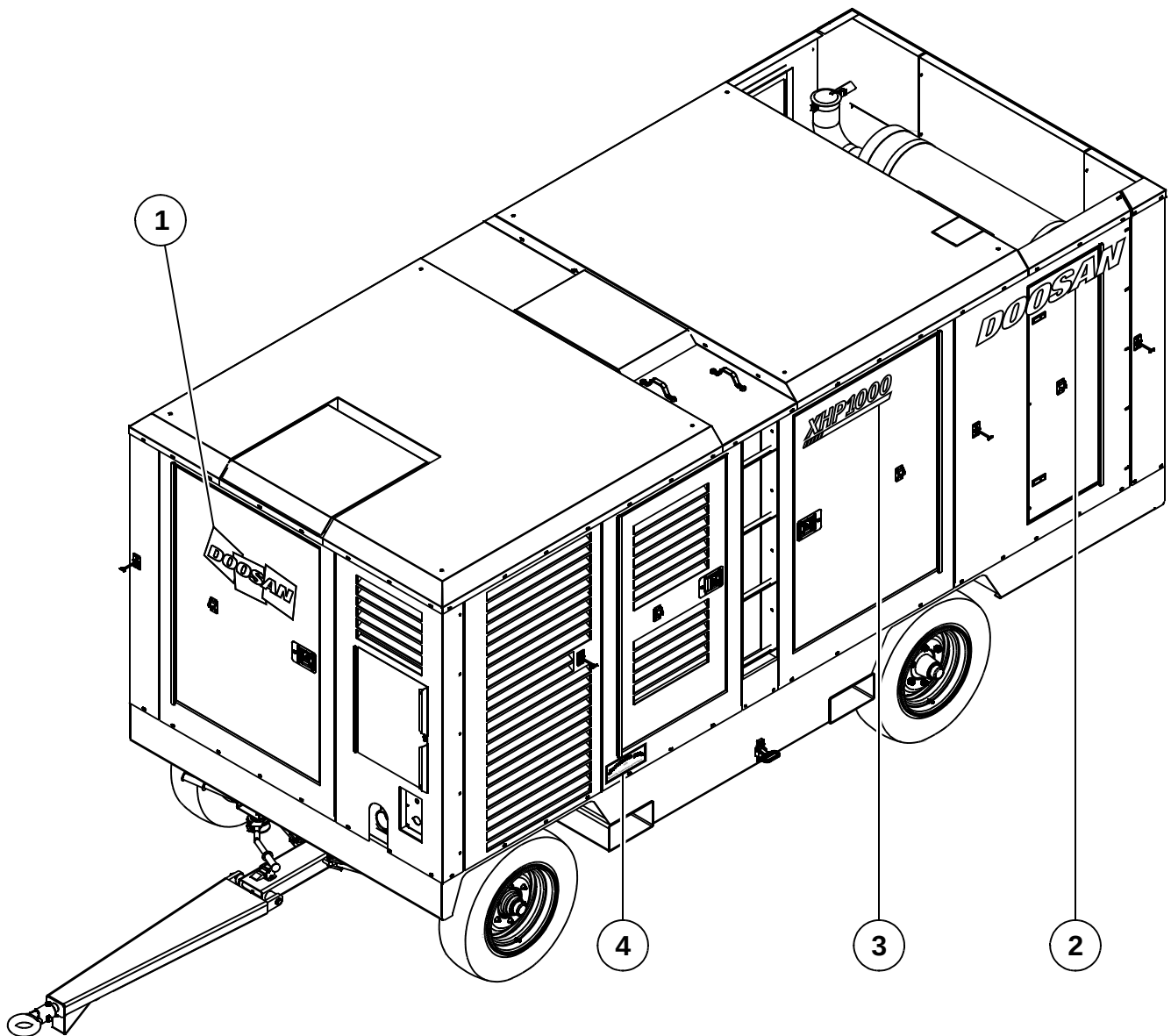
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	95940946	Nipple, Short 3" NPT X 3"	1	
2	95954814	Elbow, 90° 3" NPT	1	
3	54393210	Nipple, 3" NPT w/ Orifice	1	
4	36893220	Adapter, Flat Face Flange 3" NPT	1	
5	95929089	Screw, Hex 5/8" - 11 X 1-3/4"	4	
6	46611160SB	Bracket, Service Air Manifold	2	
7	36880995	Screw, Hex Flange M10 - 1.5 X 30	6	
8	36879195	Nut, Hex Flange M10 - 1.5	6	
9	46611159	Manifold, Service Air	1	
10	46621561	Nipple, Adapter 1-1/2" NPT X 1-1/2" BSPP	2	
11	46621562	Nipple, Adapter 2" NPT X 2" BSPP	2	
12	46621560	Valve, Ball 1-1/2" BSPP	2	
13	46621559	Valve, Ball 2" BSPP	2	

Decal Location - EEC Branding Curbside



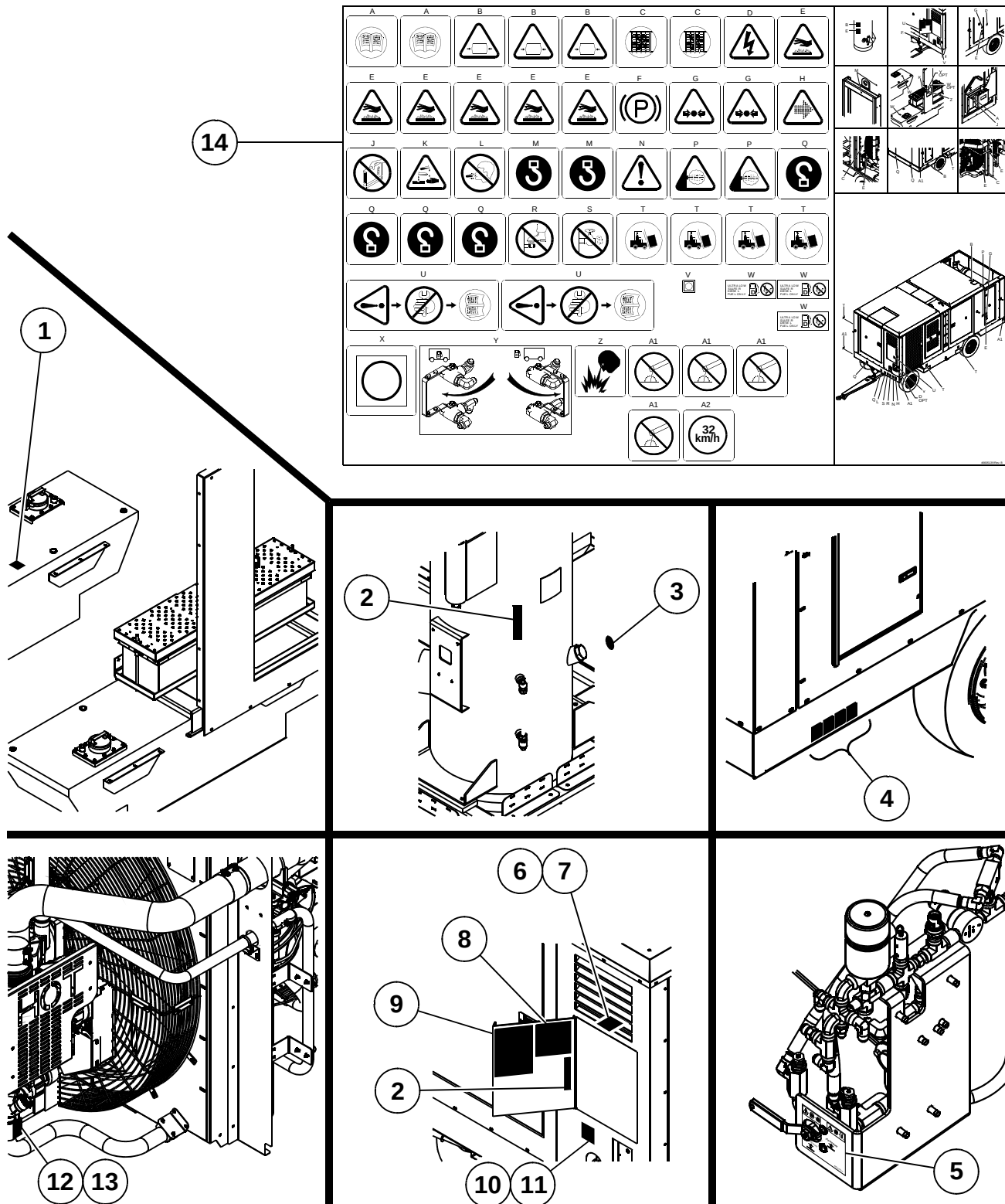
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46573862	Decal, 24" X 11" Doosan Tri-Colored Boxes	1	
2	46554780	Decal, Doosan 33" Black Website	1	
3	46573925	Decal, 55" Doosan Logo	1	
4	46573720	Decal, 25/280 Gradient Model Number	1	
5	54413117	Decal, Galvanneal	1	

Decal Location - EEC Branding Streetside



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46573862	Decal, 24" X 11" Doosan Tri-Colored Boxes	1	
2	46573925	Decal, 55" Doosan Logo	1	
3	46573720	Decal, 25/280 Gradient Model Number	1	
4	54413117	Decal, Galvanneal	1	

Decal Location - EEC



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46586699	Decal, Tier 4 Engine Oil	1	
2	46587259	Decal, T4 Engine & XHP Compressor Oil	2	
3	54604970	Decal, Oil Fill	1	
4	54629977	Decal, Central Drain	1	
5	46607441	Decal, Dual Pressure Valve Operation	1	
6	46556466	Plate, Serial Number	1	
7	36794816	Rivet, 3/16" Dia. Black Stainless	2	
8	46559976	Decal, Symbols Translation	1	
9	46607440	Decal, XHP1000 / HP1300WCU-T4i Oper. Instr.	1	
10	23230873	Plate, Doosan CE Mark	1	
11	39185038	Rivert, Blind 1/8" Dia.	4	
12	46586599	Tag, Tier 4 Engine Oil	1	
13	35268788	Tie, Cable 3/16" X 6-1/2"	1	
14	46605139	Decal Set, EEC 25/280-10/375 (XHP1000CAT T4i)	1	

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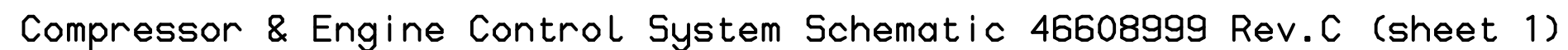
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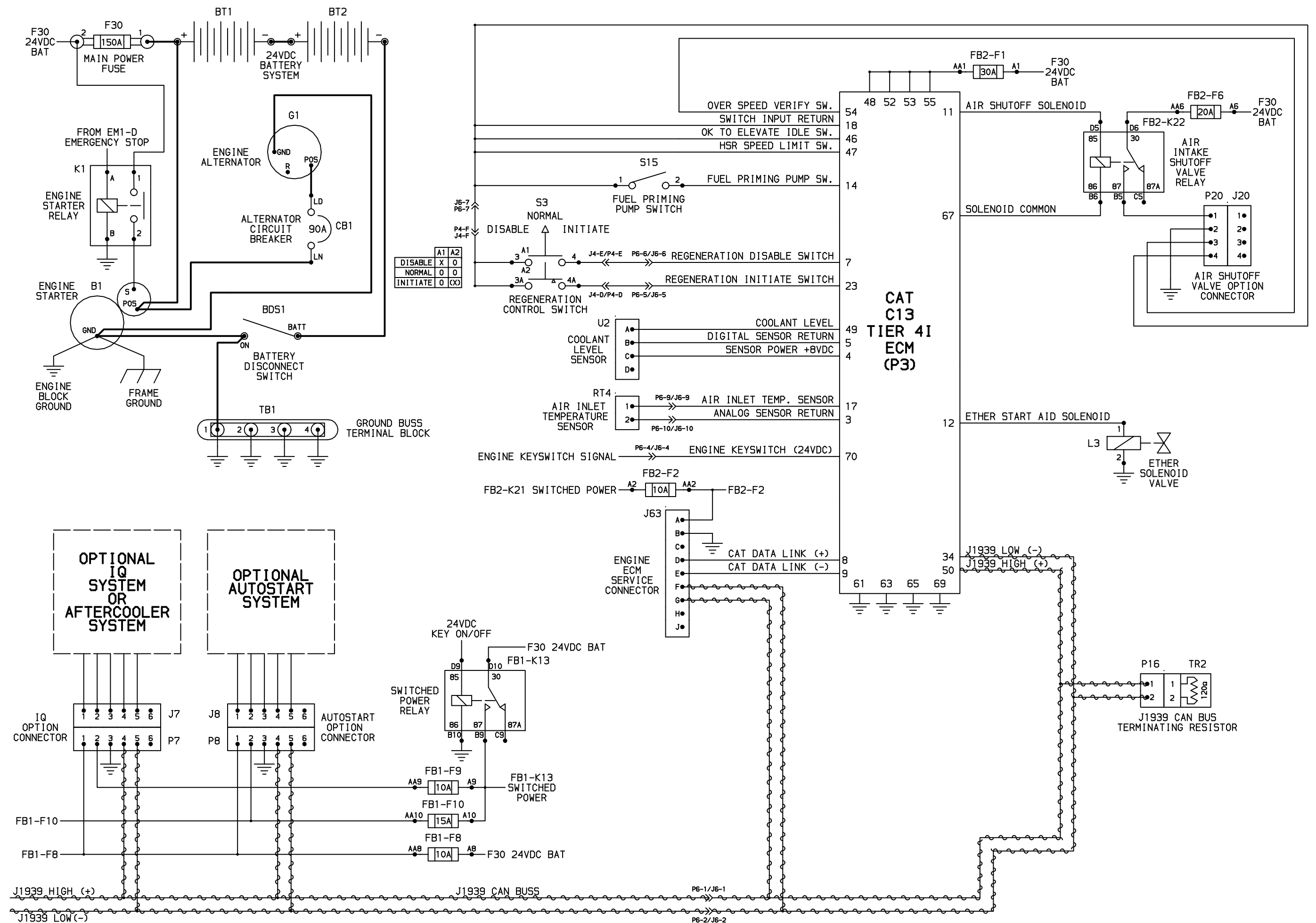
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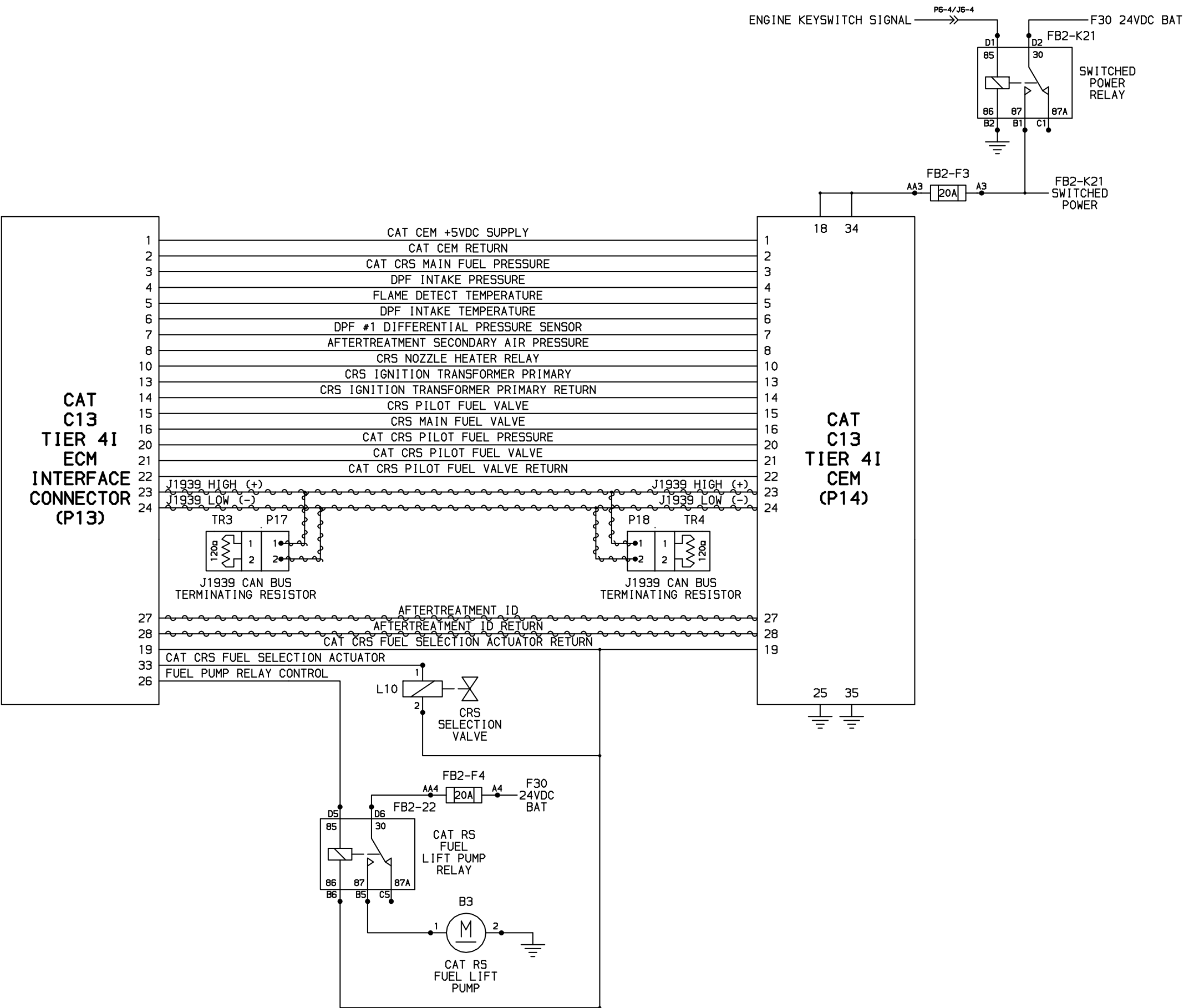


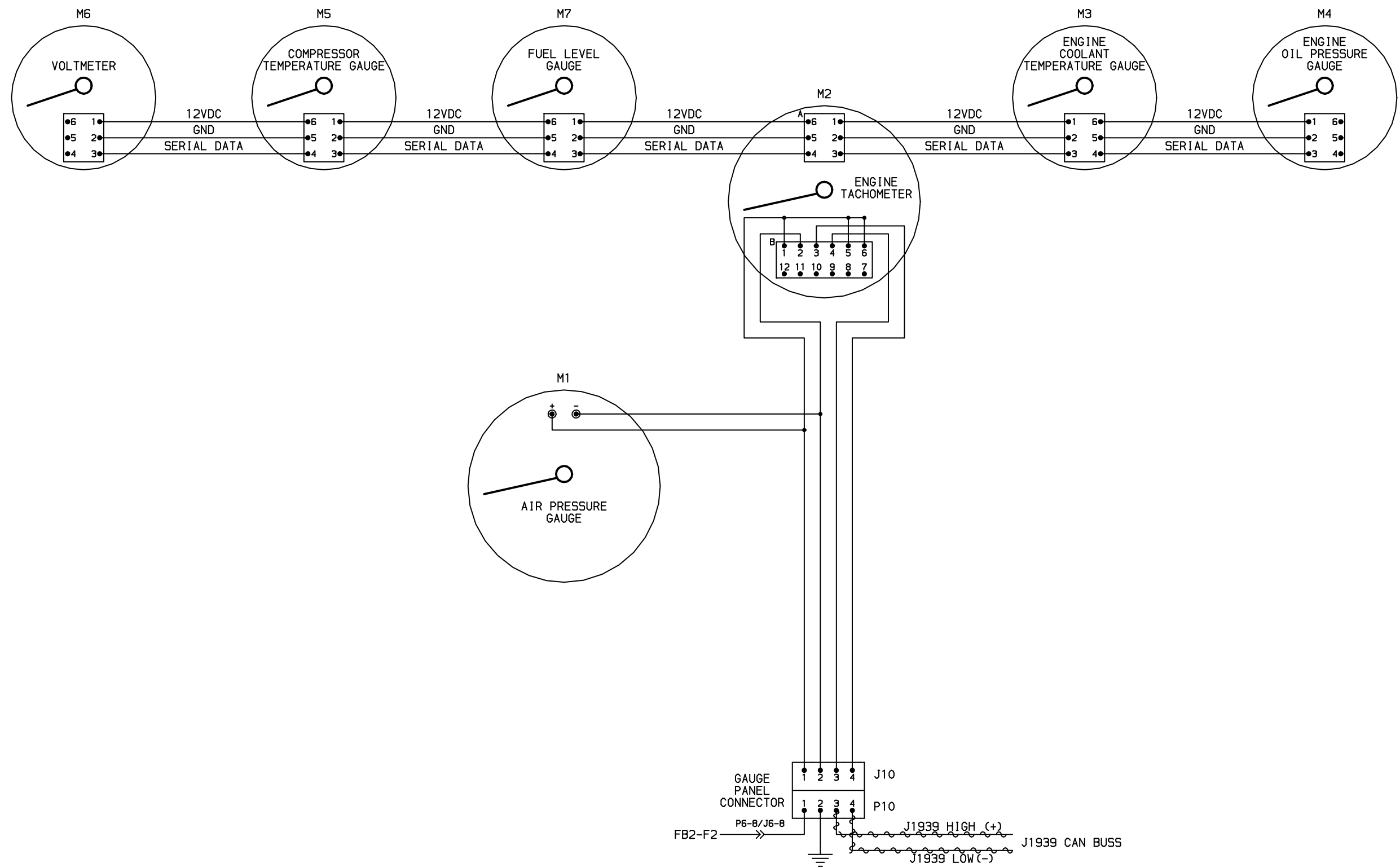
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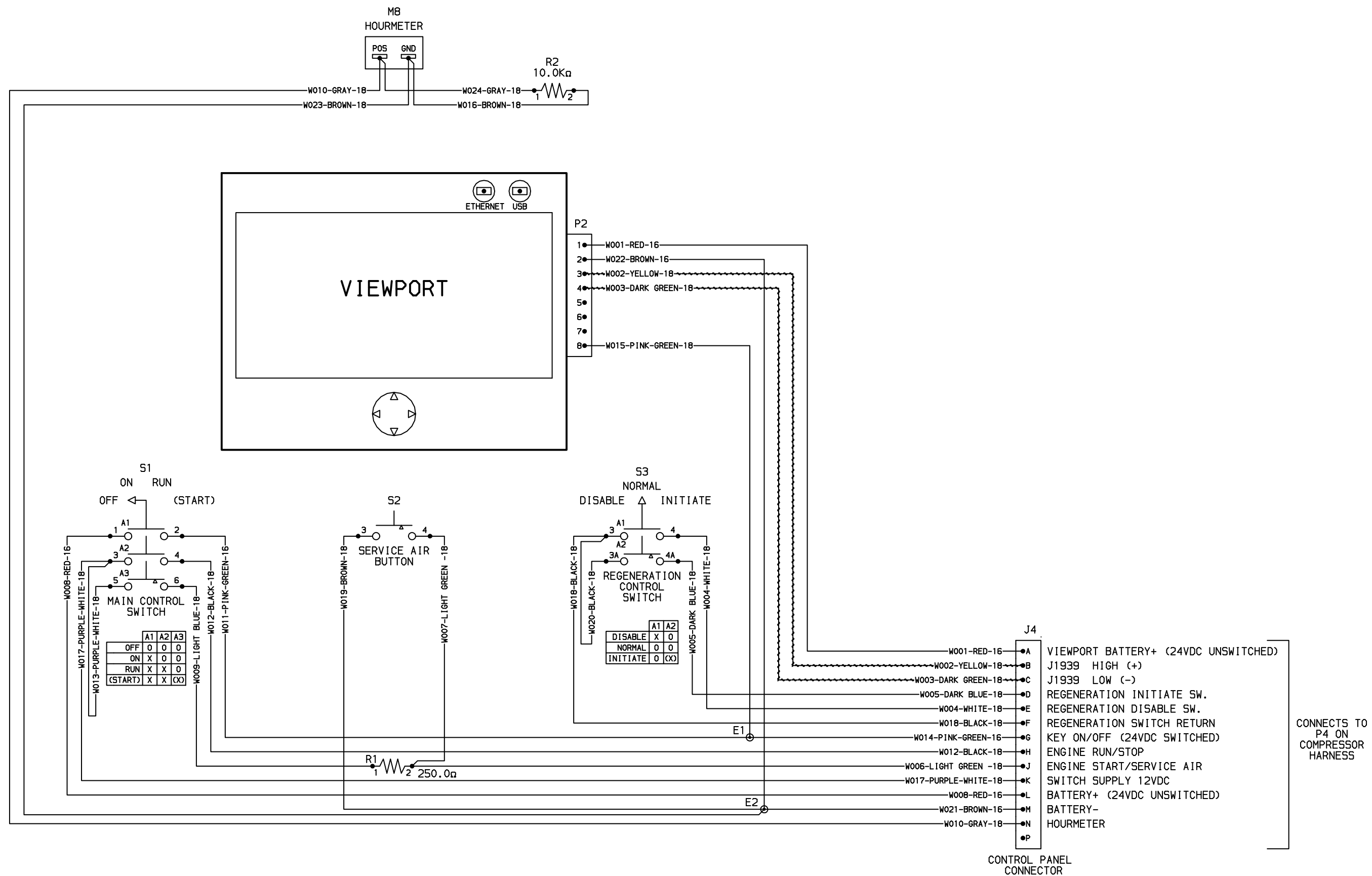


Compressor & Engine Control System Schematic 46608999 Rev.C (sheet 2)

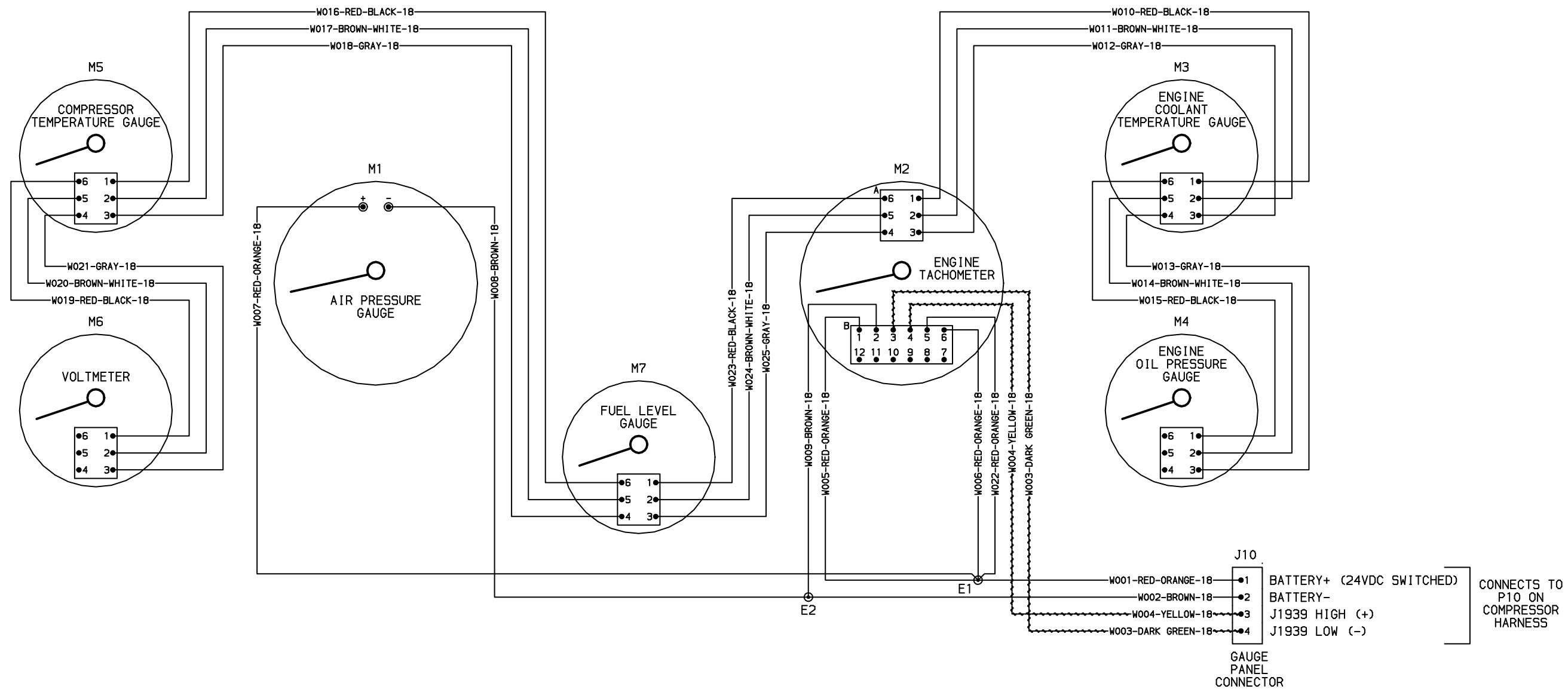




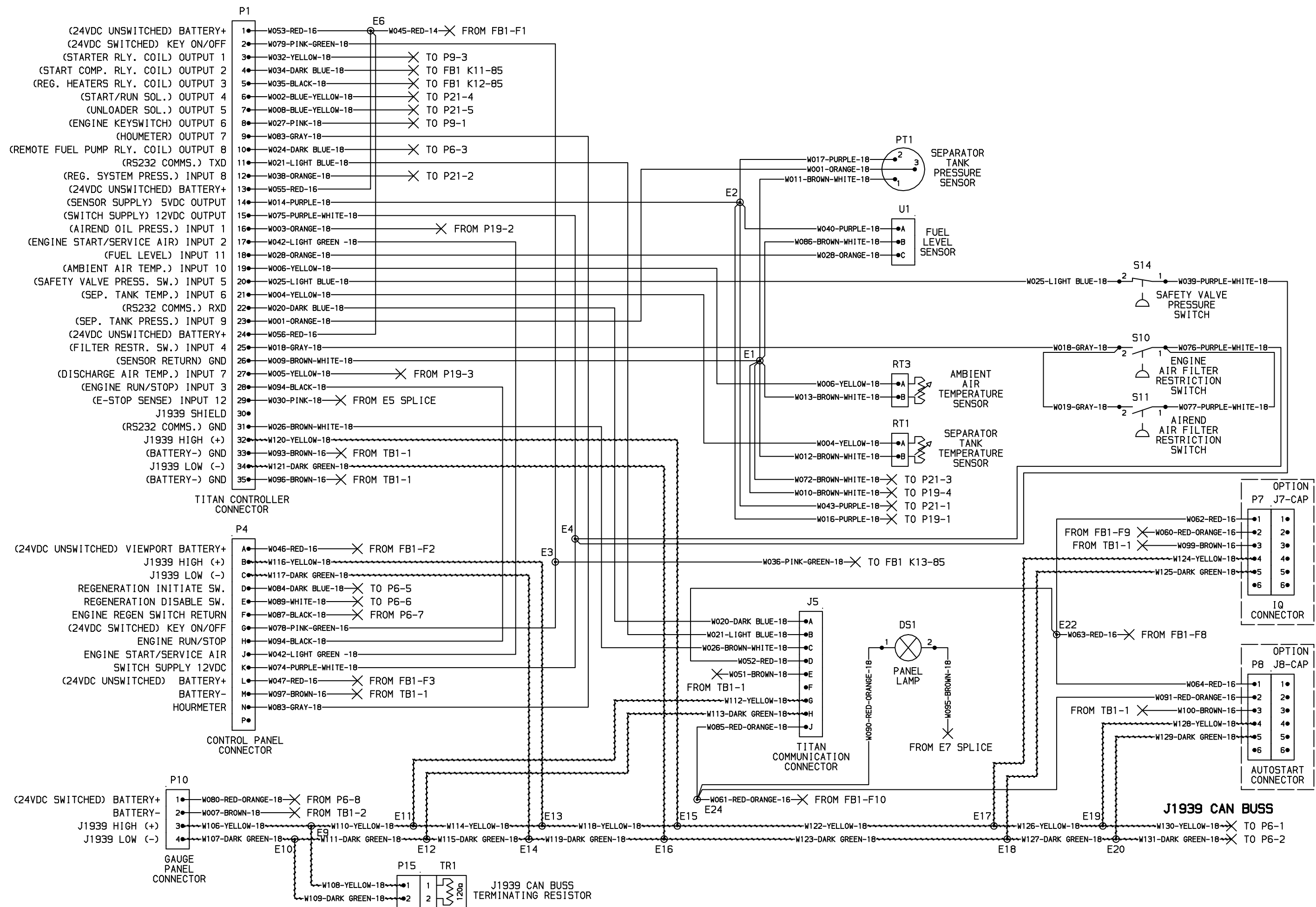
Gauge Panel Control System Schematic 46622242 Rev.A



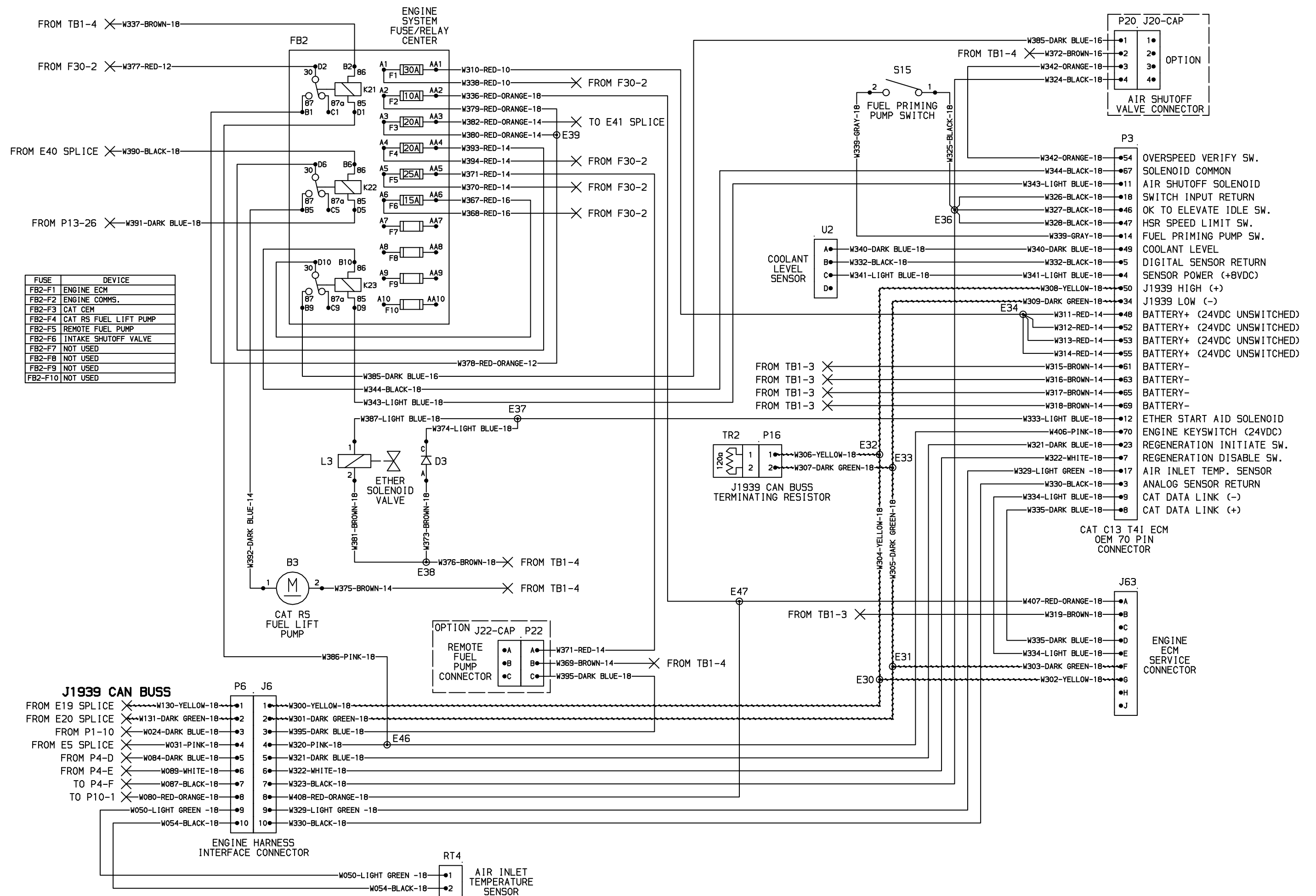
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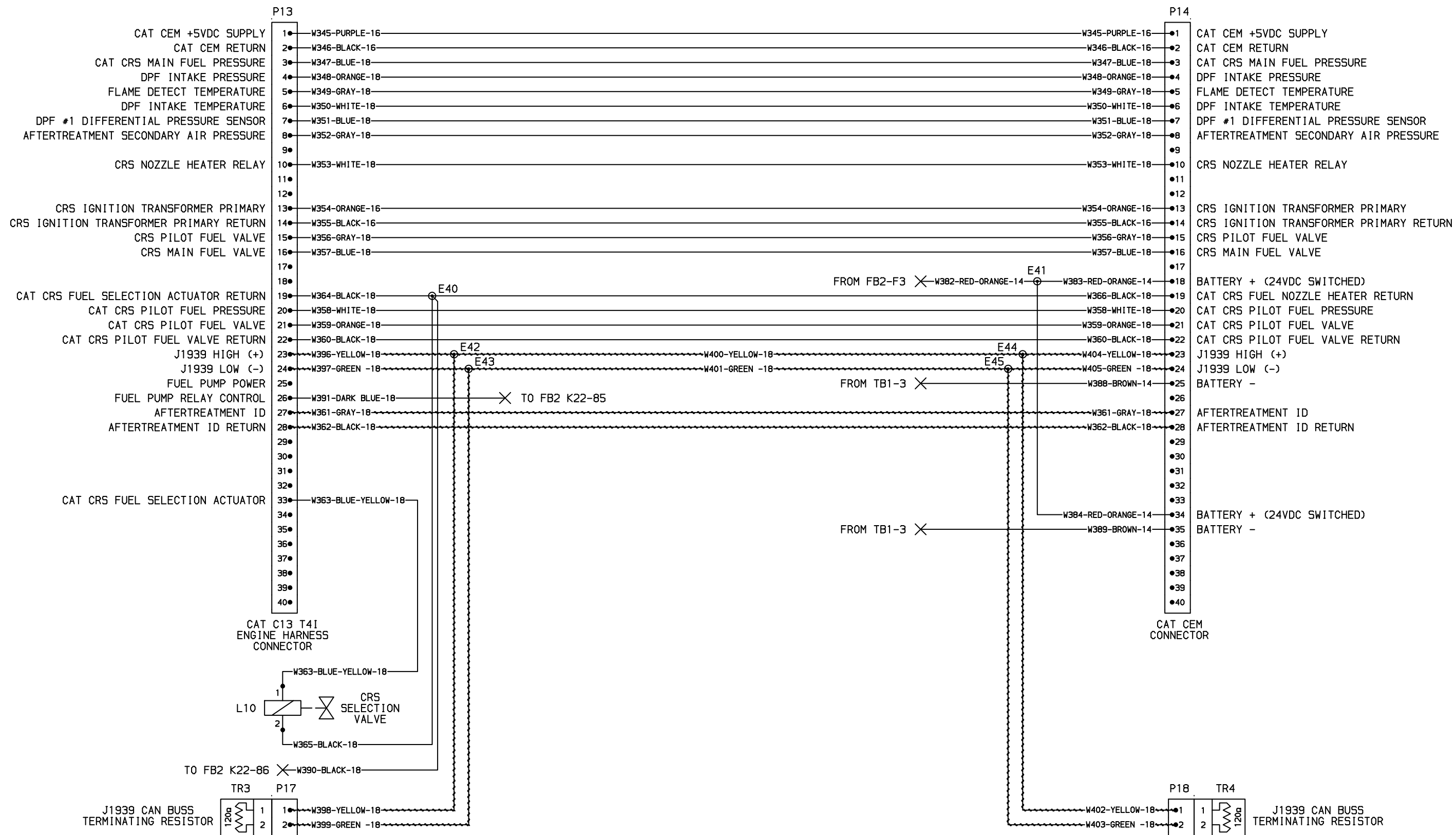


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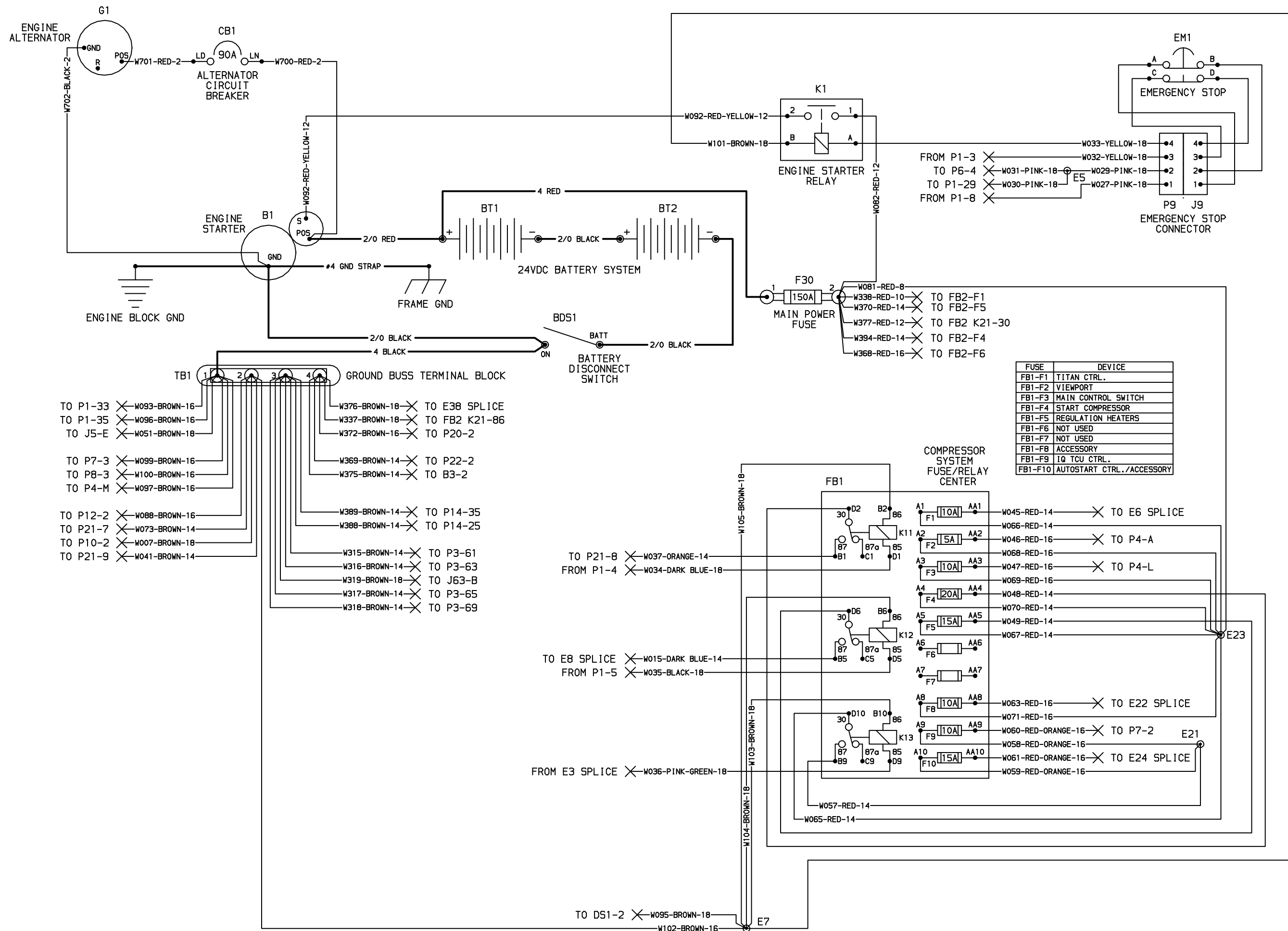


Compressor & Engine Harness Schematic 46609000 Rev.C (sheet 1)

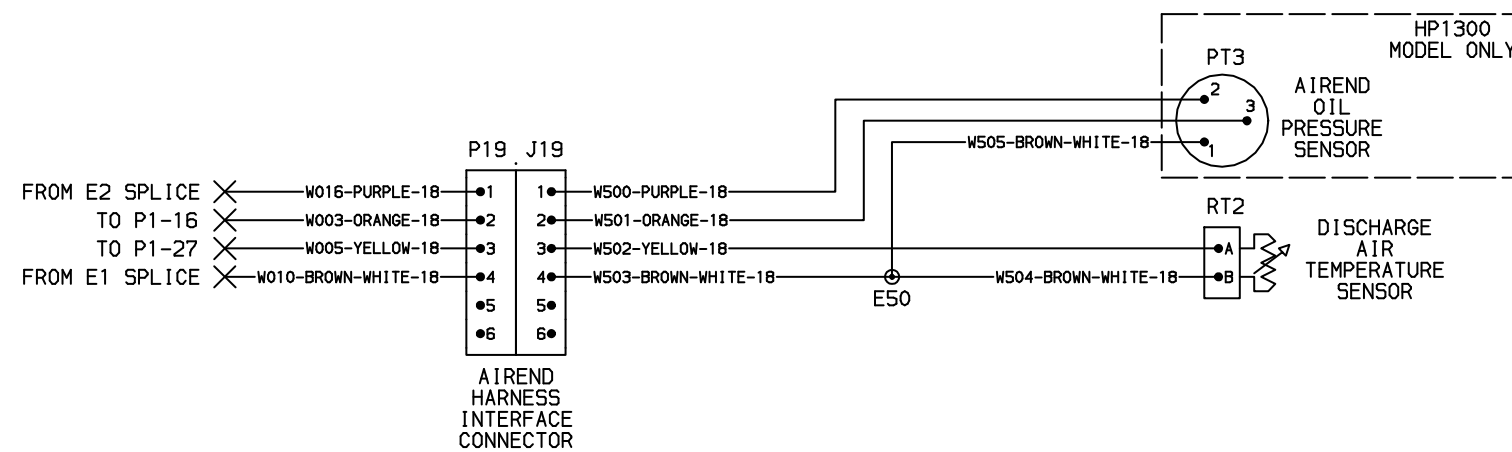
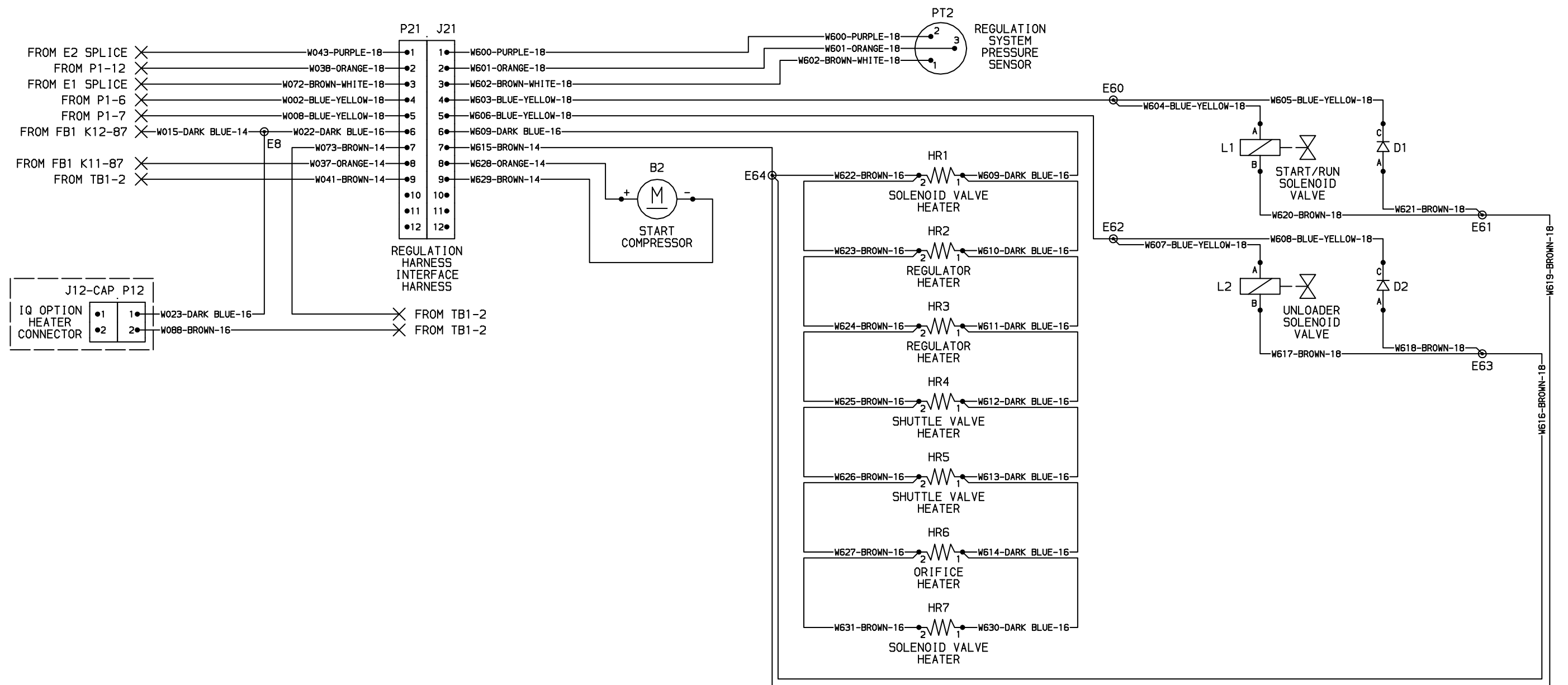




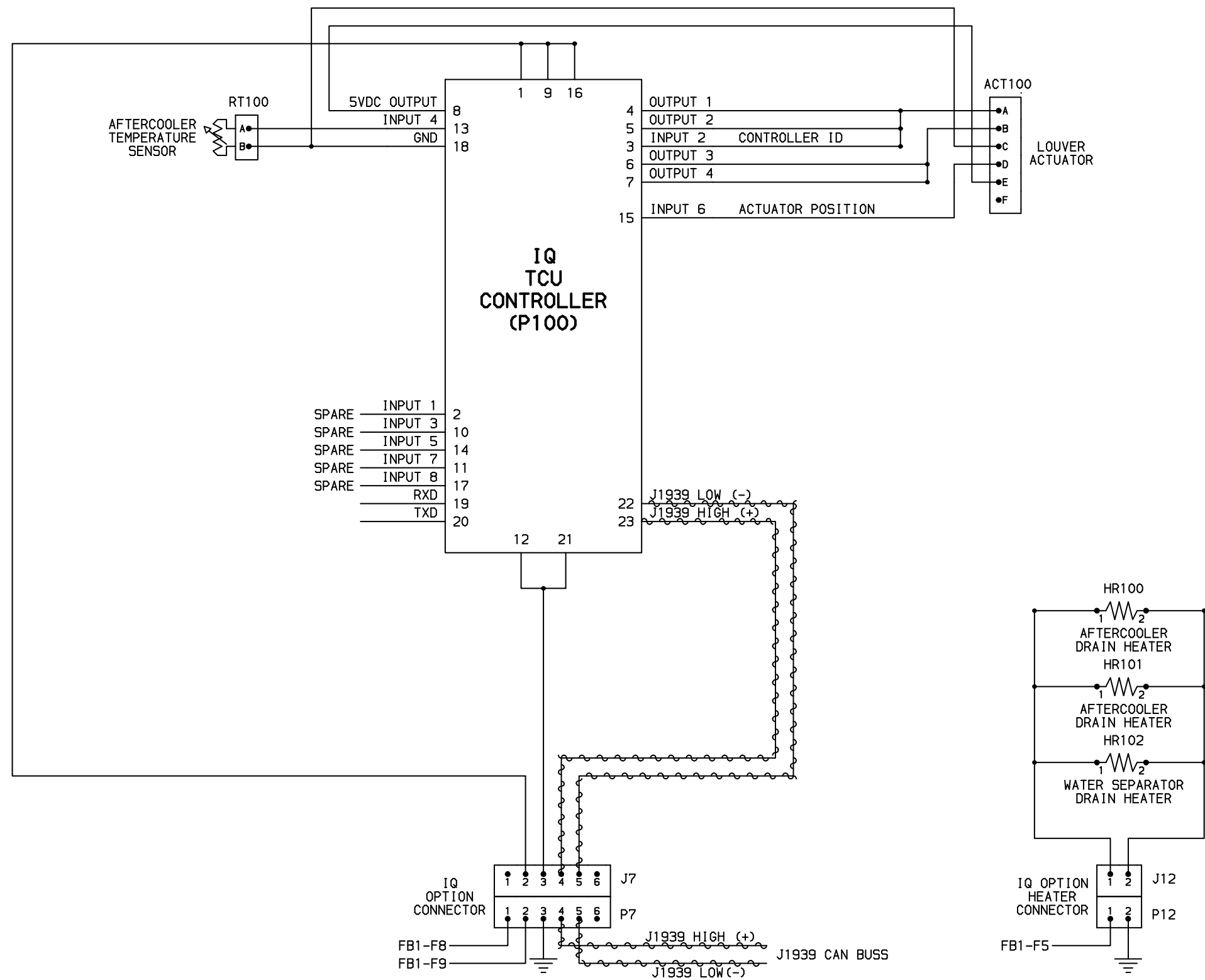
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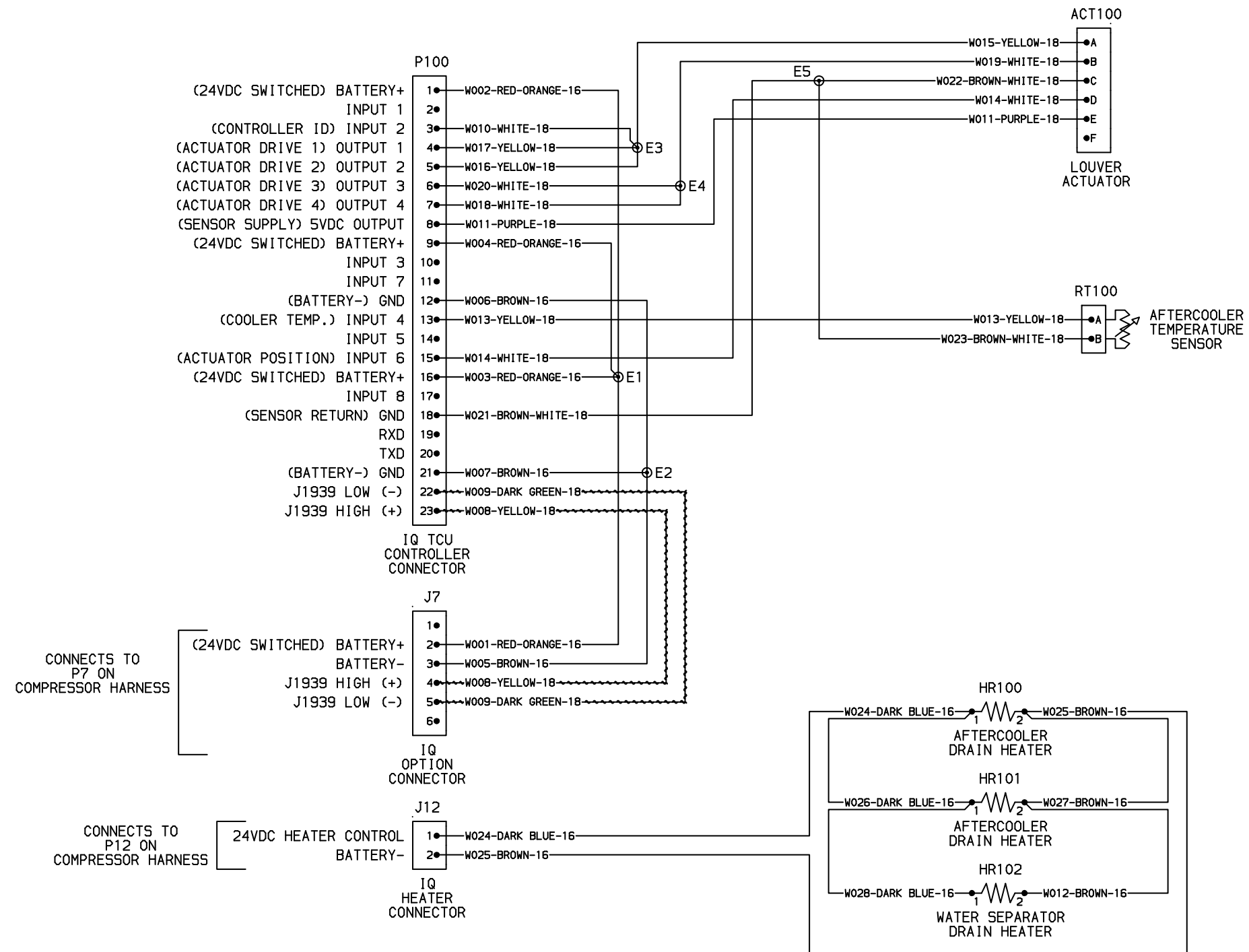
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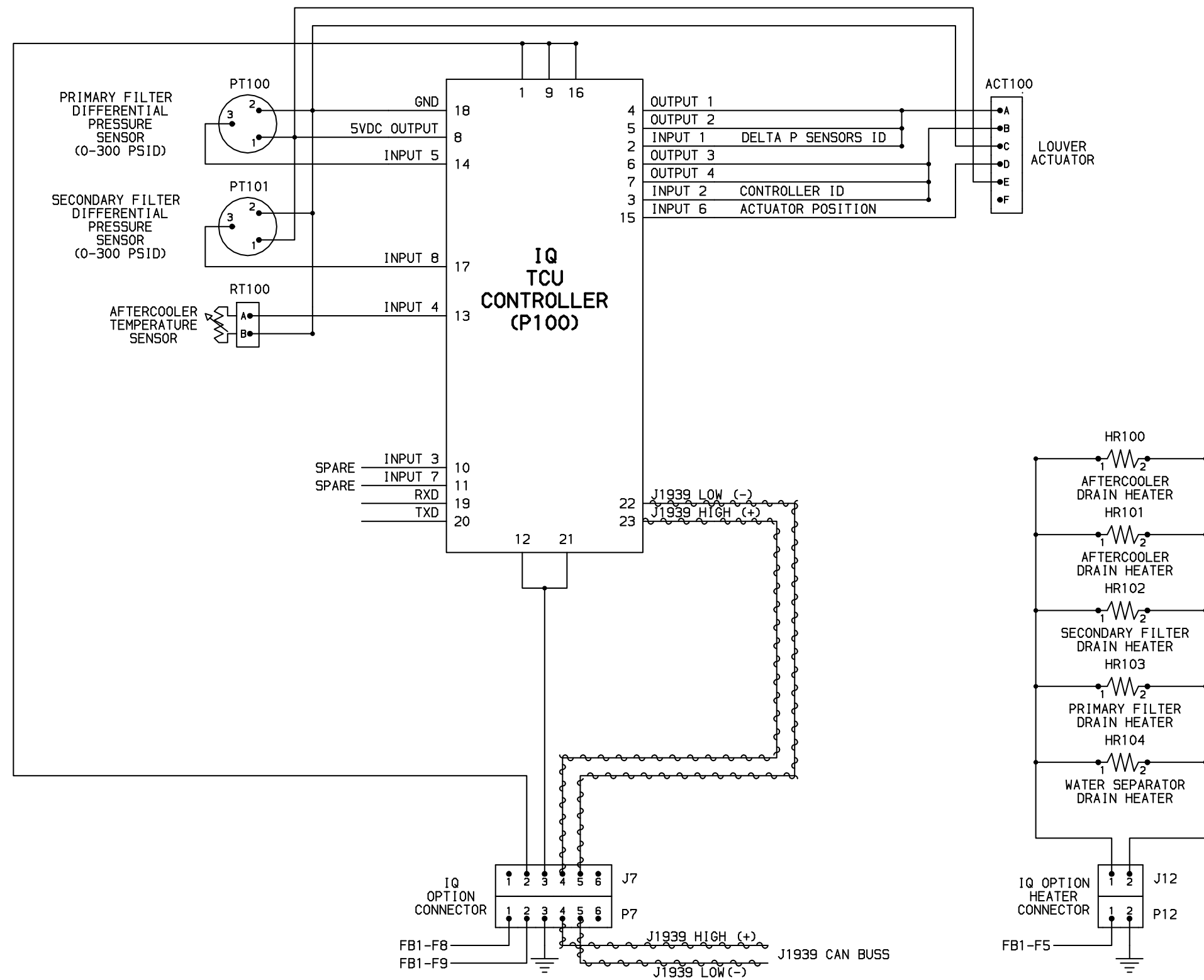
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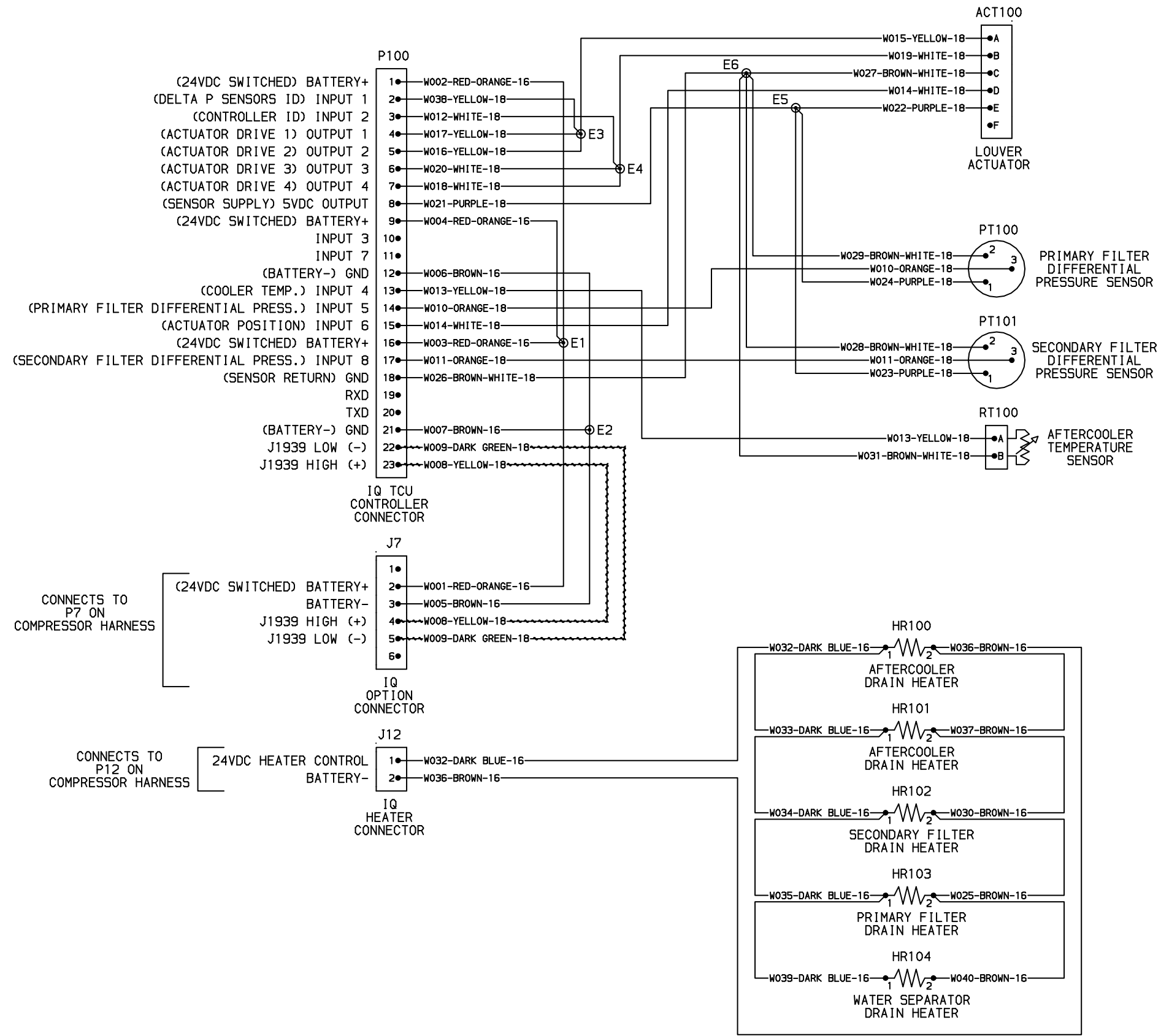
Aftercooler Option Control System Schematic 46612520 Rev.A



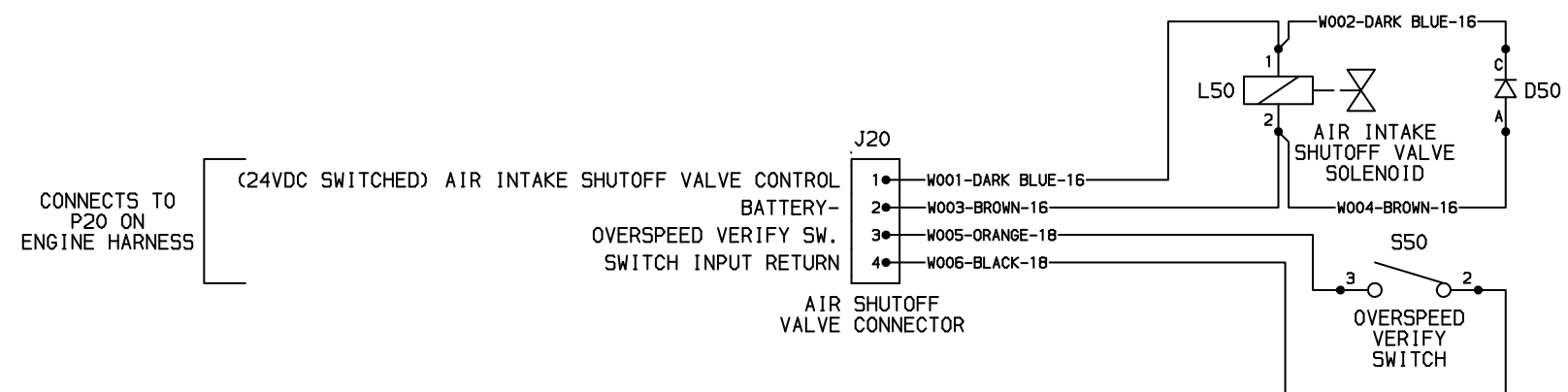
Aftercooler Option Harness Schematic 46610821 Rev.A



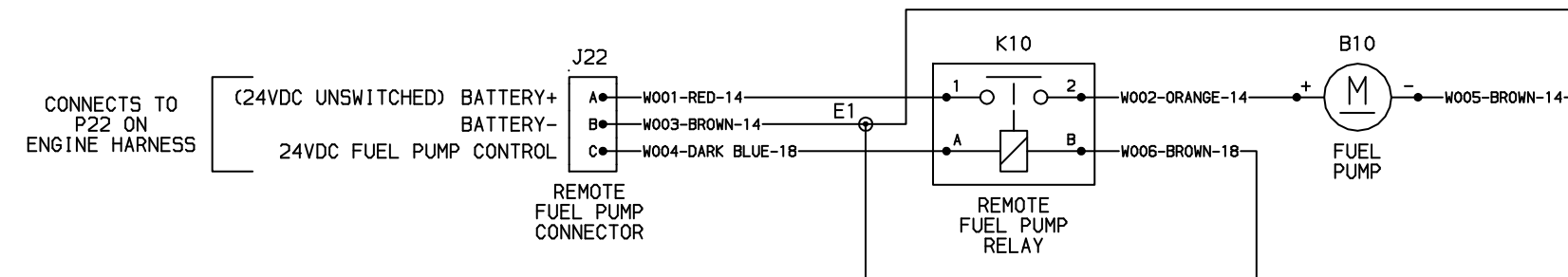
IQ Option Control System Schematic 46612519 Rev.A



IQ Option Harness Schematic 46573019 Rev.A



Air Intake Shutoff Option Harness Schematic 46586459 Rev.A



Remote Fuel Pump Option Harness Schematic 46586461 Rev.A

Compressor and Engine		
Reference Designator	Description	Part Number
	Titan Controller	46551938
	Compressor Harness	46609001
	Engine Harness	46609002
	Regulation System Harness	46609003
	Alternator Harness	46611719
	Airend Harness (HP1300 Model)	46609099
	Airend Harness (XHP1000 Model)	46609100
	Battery Positive Cable	46575659
	Battery Negative Cable	46575660
	Battery Negative Stud to Stud Cable	46575661
	Battery Cable Jumper	35128982
	Frame Ground Strap 350mm	36783488
B1	Engine Starter	Caterpillar Part
B2	Start Compressor	46576919
B3	CAT RS Fuel Lift Pump	Caterpillar Part
BDS1	Battery Disconnect Switch	46556146
BT1	Battery, 12 VDC	35225788
BT2	Battery, 12 VDC	35225788
CB1	Alternator Circuit Breaker 90 Amp	Caterpillar Part
D1	Diode	35376169
D2	Diode	35376169
D3	Diode	35376169
DS1	Panel Lamp	46582799
EM1	Emergency Stop	23281017
FB1	Fuse/Relay Center Replacement	46556356
FB1	Fuse/Relay Center Replacement Cover	23366172
FB1	Fuse/Relay Center Decal Outside Cover	46574381
FB1	Fuse/Relay Center Decal Inside Cover	46605979
FB1-F1	Titan Controller Fuse 10 Amp	23091812
FB1-F2	ViewPort Display Fuse 5 Amp	23326069
FB1-F3	Main Control Switch Fuse 10 Amp	23091812
FB1-F4	Start Compressor Fuse 20 Amp	23091838
FB1-F5	Regulation Heaters Fuse 15 Amp	23091820
FB1-F6	Not Used	
FB1-F7	Not Used	
FB1-F8	Accessory Fuse 10 Amp	23091812
FB1-F9	IQ TCU Controller Fuse 10 Amp	23091812
FB1-F10	AutoStart Controller Fuse 15 Amp	23091820
FB2	Fuse/Relay Center Replacement	46556356
FB2	Fuse/Relay Center Replacement Cover	23366172

Compressor and Engine		
Reference Designator	Description	Part Number
FB2	Fuse/Relay Center Decal Outside Cover	46575499
FB2	Fuse/Relay Center Decal Inside Cover	46567239
FB2-F1	Engine ECM Fuse 30 Amp	23091853
FB2-F2	Engine Communication Fuse 10 Amp	23091812
FB2-F3	CAT CEM Fuse 20 Amp	23091838
FB2-F4	CAT RS Fuel Lift Pump Fuse 20 Amp	23091838
FB2-F5	Remote Fuel Pump Fuse 25 Amp	23091846
FB2-F6	Intake Shutoff Valve Fuse 15 Amp	23091820
FB2-F7	Not Used	
FB2-F8	Not Used	
FB2-F9	Not Used	
FB2-F10	Not Used	
F30	Main Power Fuse 150 Amp	46556477
F30	Replacement Fuse Holder	45671534
G1	Engine Alternator	Caterpillar Part
HR1	Solenoid Valve Heater	46499687
HR2	Regulator Heater	36854677
HR3	Regulator Heater	36854677
HR4	Shuttle Valve Heater	36841526
HR5	Shuttle Valve Heater	36841526
HR6	Orifice Heater	36841526
HR7	Solenoid Valve Heater	46499687
J5	Replacement Cap with Lanyard	23366768
J63	Replacement Cap with Lanyard	23366768
K1	Engine Starter Relay	36853521
FB1-K11	Start Compressor Relay	23316250
FB1-K12	Regulation Heaters Relay	23316250
FB1-K13	Switched Power Relay	23316250
FB2-K21	Engine System Switched Power Relay	23316250
FB2-K22	CAT RS Fuel Lift Pump Relay	23316250
FB2-K23	Intake Shutoff Valve Relay	23316250
L1	Start/Run Solenoid Valve	46553075
L2	Unloader Solenoid Valve	46553075
L3	Ether Solenoid Valve	46560665
L10	CRS Selection Valve	Caterpillar Part
P3	Replacement Backshell	23366776
PT1	Separator Tank Pressure Sensor (HP1300 Model)	54496773
PT1	Separator Tank Pressure Sensor (XHP1000 Model)	54765946
PT2	Regulation System Pressure Sensor	36920825

Compressor and Engine		
Reference Designator	Description	Part Number
PT3	Airend Oil Pressure Sensor (HP1300 Model Only)	54496773
RT1	Separator Tank Temperature Sensor	23294820
RT2	Discharge Air Temperature Sensor	23294820
RT3	Ambient Air Temperature Sensor	23294838
RT4	Air Inlet Temperature Sensor	46611204
S10	Engine Air Filter Restriction Switch	36847838
S11	Airend Air Filter Restriction Switch	36847838
S14	Safety Valve Pressure Switch	46568519
S15	Fuel Priming Pump Switch	Caterpillar Part
TB1	Ground Buss Terminal Block	46567039
TR1	J1939 CAN BUSS Terminating Resistor	23091804
TR2	J1939 CAN BUSS Terminating Resistor	23091804
TR3	J1939 CAN BUSS Terminating Resistor	23091804
TR4	J1939 CAN BUSS Terminating Resistor	23091804
U1	Fuel Level Sensor	46565980
U2	Coolant Level Sensor	22102339

Aftercooler Option		
Reference Designator	Description	Part Number
	IQ TCU Controller	46569499
	IQ Harness	46610822
ACT100	Louver Actuator	36898310
HR100	Aftercooler Drain Heater	36841526
HR101	Aftercooler Drain Heater	36841526
HR102	Water Separator Drain Heater	36841526
RT100	Aftercooler Temperature Sensor	23294820

IQ Option		
Reference Designator	Description	Part Number
	IQ TCU Controller	46569499
	IQ Harness	46573020
ACT100	Louver Actuator	36898310
HR100	Aftercooler Drain Heater	36841526
HR101	Aftercooler Drain Heater	36841526
HR102	Secondary Filter Drain Heater	36841526
HR103	Primary Filter Drain Heater	36841526
HR104	Water Separator Drain Heater	36841526
PT100	Primary Filter Differential Pressure Sensor	46599239
PT101	Secondary Filter Differential Pressure Sensor	46599239
RT100	Aftercooler Temperature Sensor	23294820

Air Intake Shutoff Option		
Reference Designator	Description	Part Number
	Air Intake Shutoff Harness	46586460
D50	Diode	35376169
L50	Air Intake Shutoff Valve Solenoid	46578327
S50	Overspeed Verify Switch	54615091

Remote Fuel Pump Option		
Reference Designator	Description	Part Number
	Remote Fuel Pump Harness	46586462
B10	Remote Fuel Pump	46595339
K10	Remote Fuel Pump Relay	36853521

Revision History

[illegible]



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