



Doosan Infracore
Portable Power

PARTS MANUAL

XP825WCU-T4i (E47)
HP750WCU-T4i (E48)

COMPRESSOR MODEL

Doosan Infracore Portable Power
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Statesville, N.C. 28625
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Book: 46559963 (02-2013) Rev 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 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.

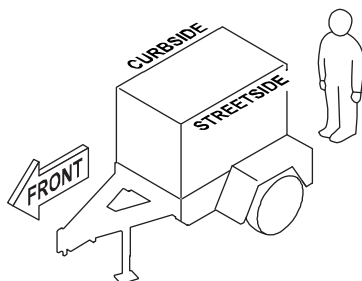
Doosan Portable Power Service facilities and parts are available worldwide. Consult local yellow pages or visit: www.doosanportablepower.com.

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

DeScrewaption

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

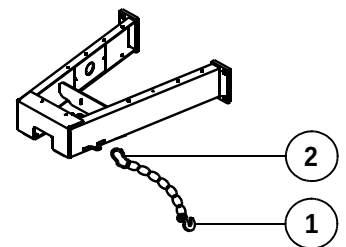
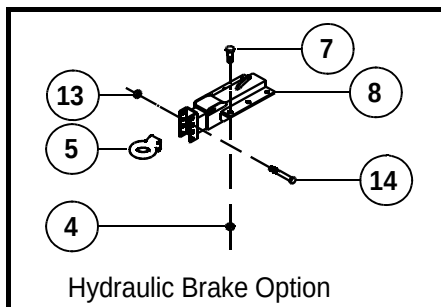
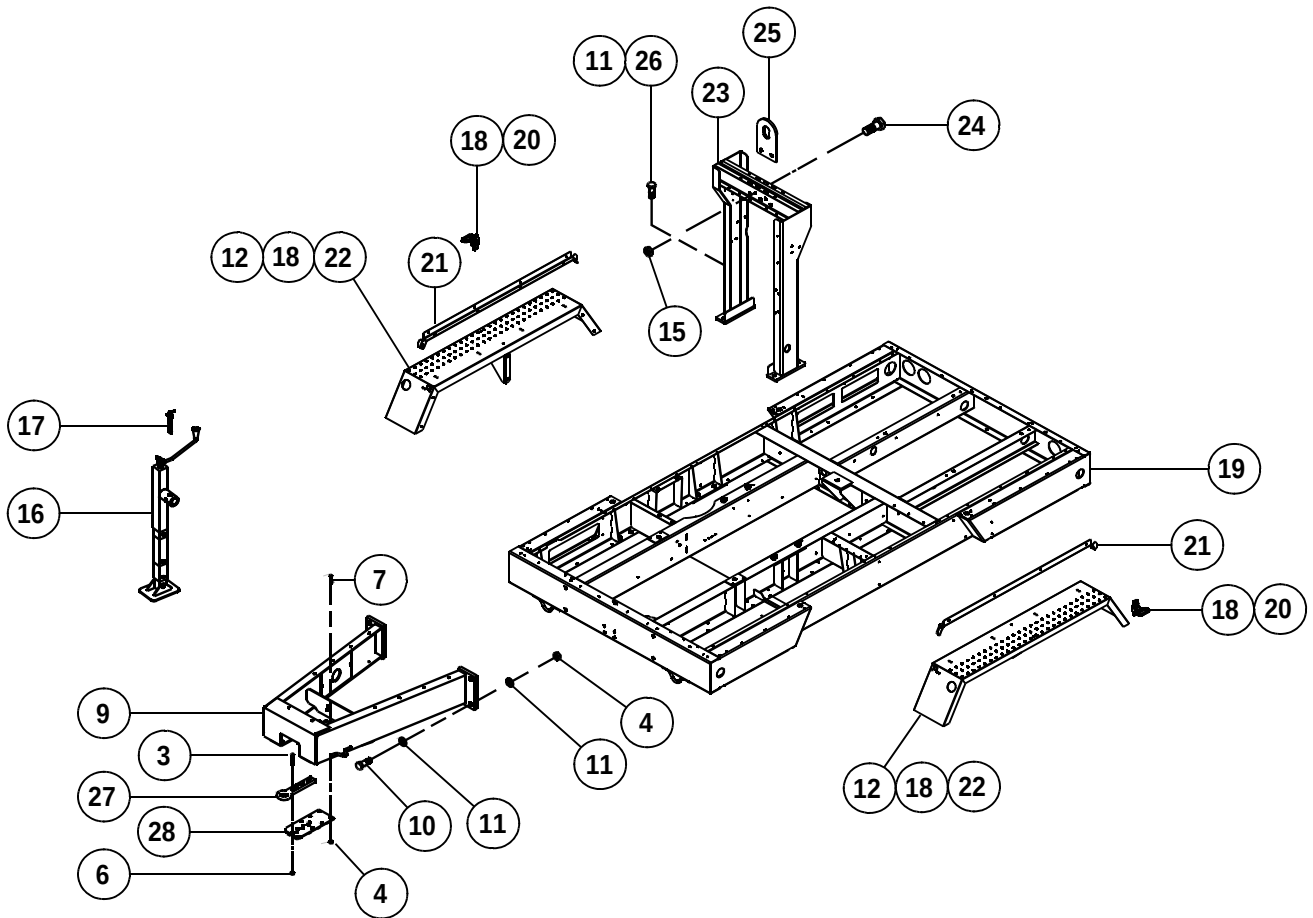
Always specify the model and Serviceial number of the unit.

Specify the part number and deScrewaption.



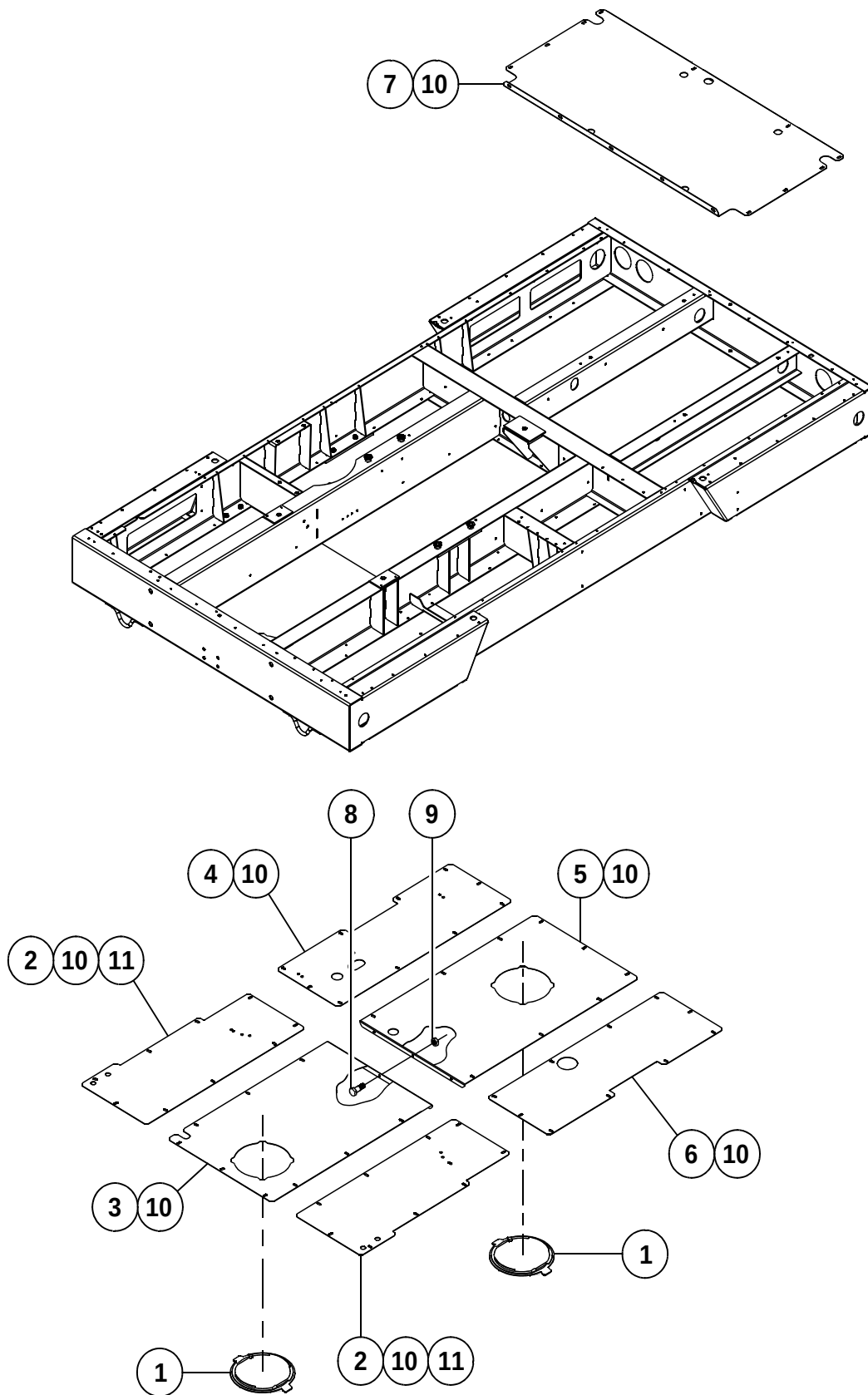
COMPRESSOR PARTS

Frame, Drawbar and Lifbail



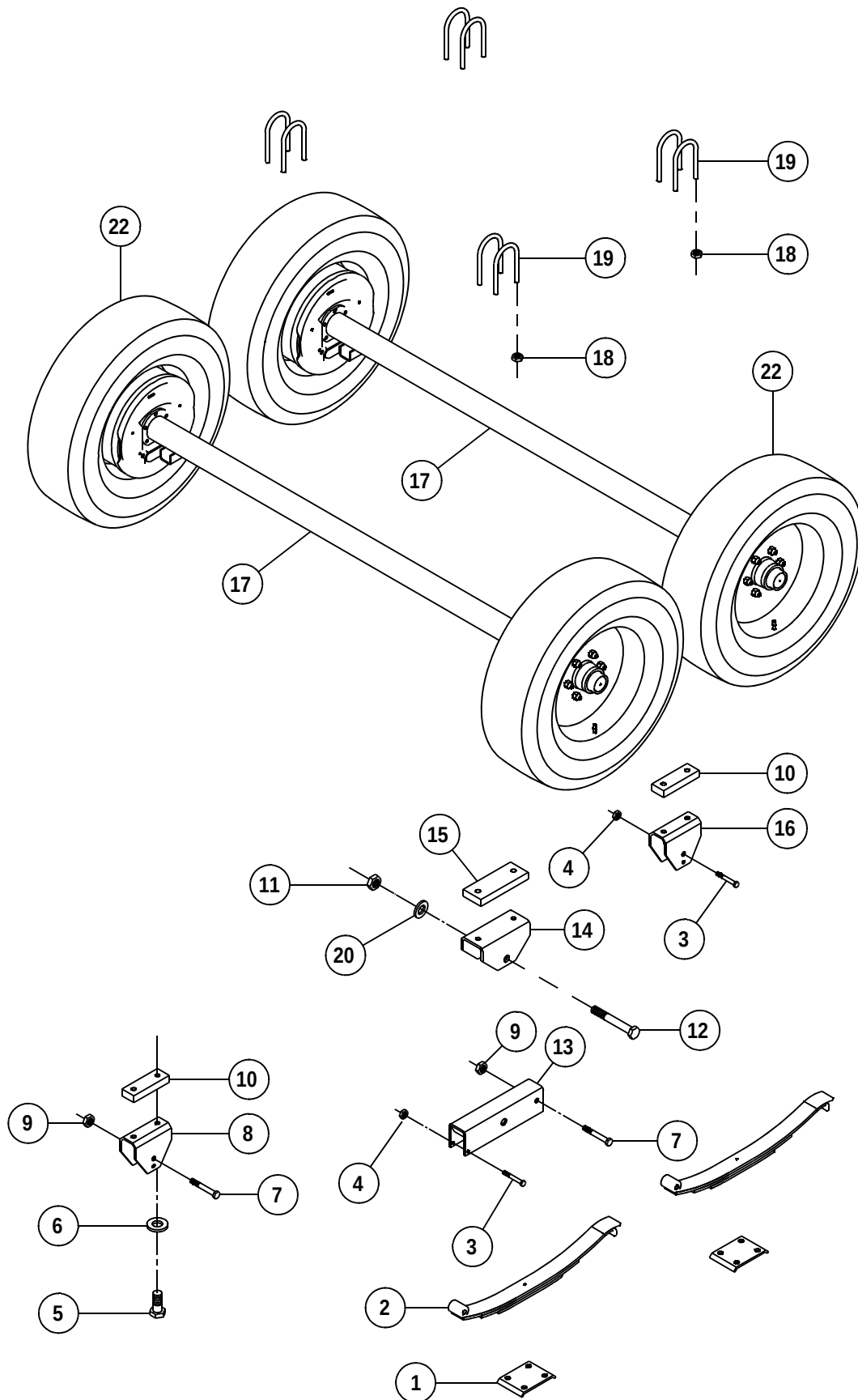
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35604636	Chain Assembly	2	
2	35369800	Coupling, Chain	2	
3	95934170	Screw, Hex 5/8-11 X 3"	7	
4	35356526	Nut, Locking M20 - 2.5	10	
5	35605187	Eye, Pintle	1	
6	35374453	Nut, Hex 5/8" - 11	7	
7	36763670	Screw, Hex M20 - 2.5 X 60	6	
8	36734879	Actuator, Hydraulic Brake	1	
9	22247191	Drawbar Assembly	1	
10	35375963	Screw, Hex M20 - 2.5 X 75	4	
11	95935011	Washer, Flat 3/4" ID	12	
12	36895746	Nutsert, Hex M08	12	
13	96701750	Nut, Hex M16 - 2.0	4	
14	35376094	Screw, Hex M16 - 2.0 X 120	2	
15	35356526	Nut, Hex M20 - 2.5	2	
16	36870111	Jack, Drawbar	1	
17	35609544	Pin, Quick Release	1	
18	35279025	Screw, Tapping M08 - 1.25 X 20	28	
19	46552016	Frame, Tandem	1	
20	35369313	Step, Folding	2	
21	46557186	Angle, Fender Top	2	
22	46572019	Fender	2	
23	46562421	Bail, Lifting	1	
24	36763670	Screw, Hex M20 - 2.5 X 60	2	
25	22182307	Eye, Lifting	1	
26	96721162	Screw, Hex M20 - 2.5 X 70	4	
27	35327840	Eye, Pintle	1	
28	36742880	Bracket, Pintle Eye	1	

Belly Pans



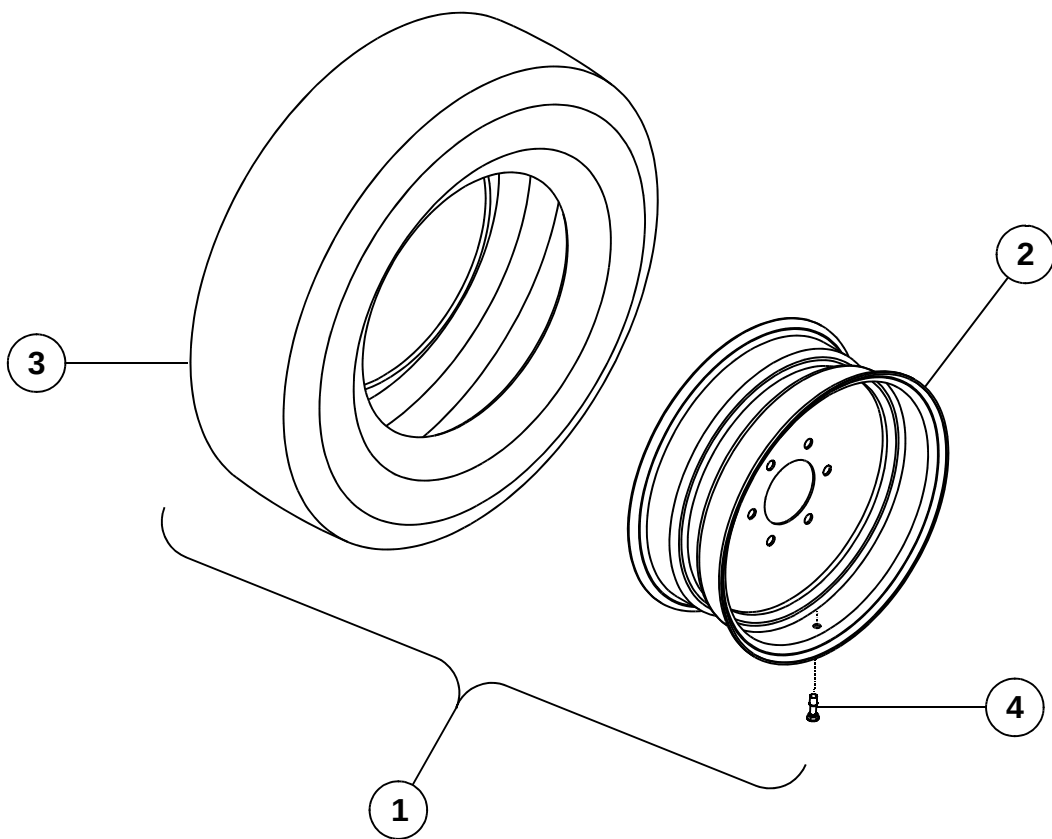
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36880623	Cover, Access	2	
2	46552035	Pan, Belly Front	2	
3	46552034	Pan, Belly Air End	1	
4	46552036	Pan, Belly Curbside Middle	1	
5	46552033	Pan, Belly Engine	1	
6	46552037	Pan, Belly Streetside Middle	1	
7	46552038	Pan, Belly Rear Top	1	
8	36889608	Screw, Hex Flange M08 - 1.25 X 25	3	
9	36881886	Nut, Hex Flange M08 - 1.25	3	
10	35279025	Screw, Tapping M08 - 1.25 X 20	66	
11	36895746	Nutsert, Hex M08	4	

Electric Brake Axles and Running Gear



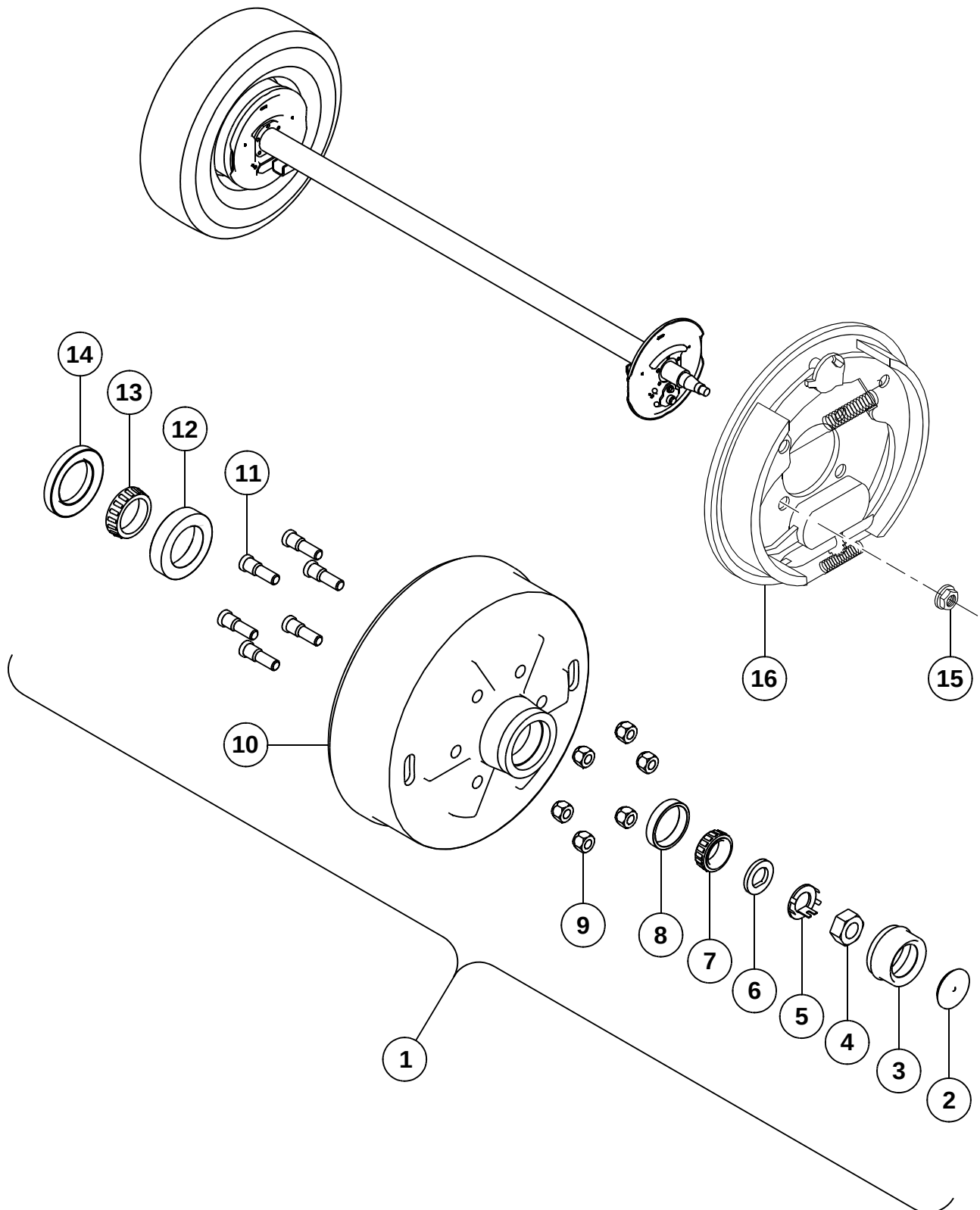
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35315241	Plate, Tie	4	Included with Axle
2	36867612	Spring, Slipper	4	Included with Axle
3	35315365	Screw, Hex 5/16" - 18 X 3-1/4"	4	Included with Kit
4	35315373	Nut, Hex 5/16" - 18	4	Included with Kit
5	36776128	Screw, Hex M12 - 1.75 X 60	12	
6	95935003	Washer, Flat 1/2" ID	12	
7	35315340	Screw, Shackle 5/8" - 18 X 3-1/2"	4	Included with Kit
8	35326958	Hanger, Front	2	
9	35315357	Nut, Shackle 5/8" - 18	4	Included with Kit
10	22278212	Spacer, Shackle	4	
11	36784882	Nut, Equalizer	2	Included with Kit
12	36784874	Screw, Equalizer	2	Included with Kit
13	35356930	Bracket, Equalizer	2	Included with Kit
14	36895225	Hanger, Equalizer	2	
15	46612439	Spacer, Equalizer	2	
16	35326966	Hanger, Rear	2	
17	46553568	Axle, Electric Brakes	2	
18	46583905	Nut, Hex 1/2" - 20	16	Included with Axle
19	36867638	U-Bolt, 1/2" - 20	8	Included with Axle
20	95928321	Washer, Flat 7/8" ID	2	
21	35385434	Equalizer Kit	1	Not Shown
22	36026268	Wheel and Tire Assembly	4	

Tire and Wheel Assembly



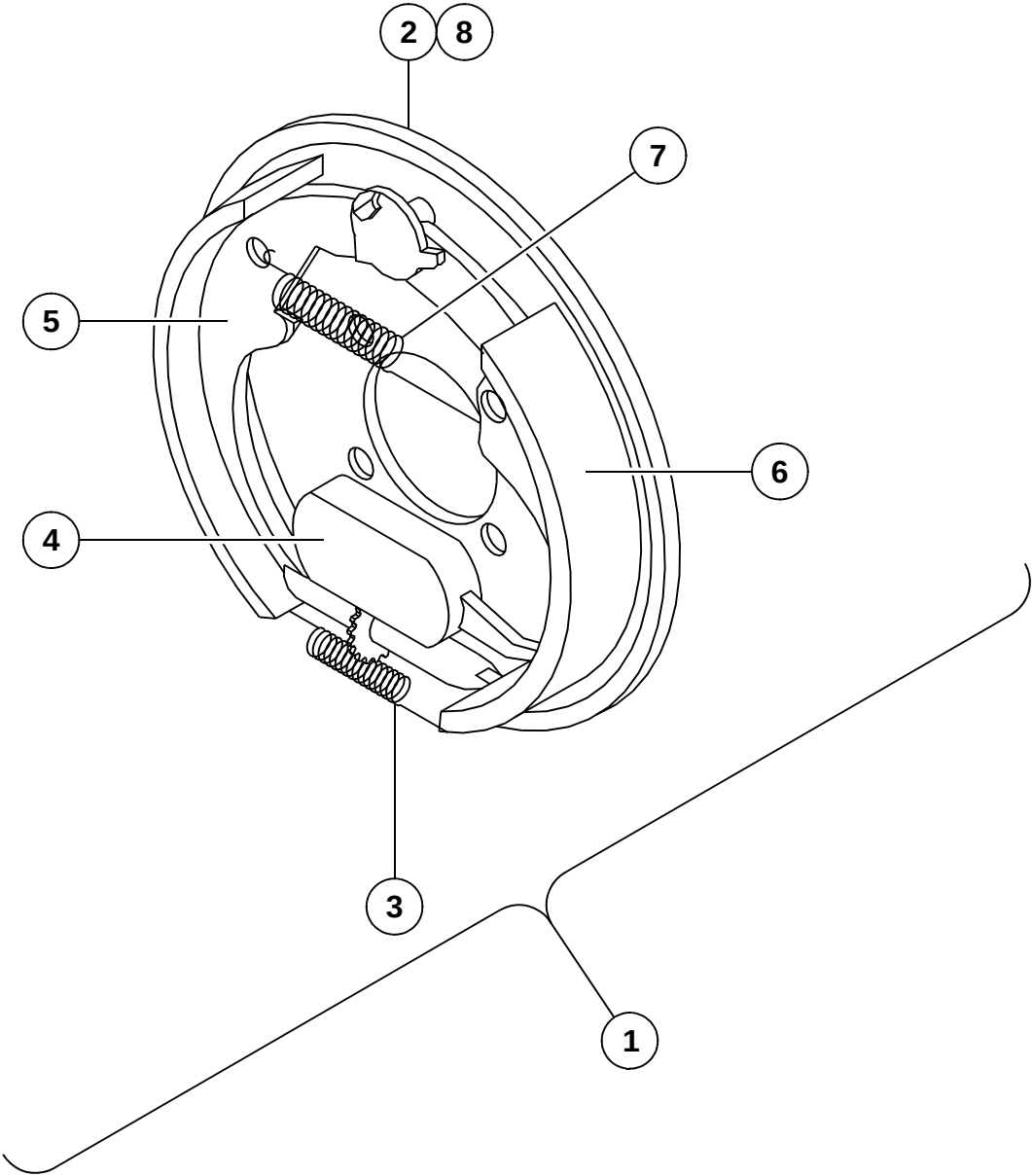
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36026268	Wheel and Tire Assembly	1	
2	35318757	Wheel, 15" Dia. 6-Lug	1	
3	36846319	Tire, ST225/75R15D	1	
4	35282565	Valve, Stem	1	

Electric Brake Axle and Hub



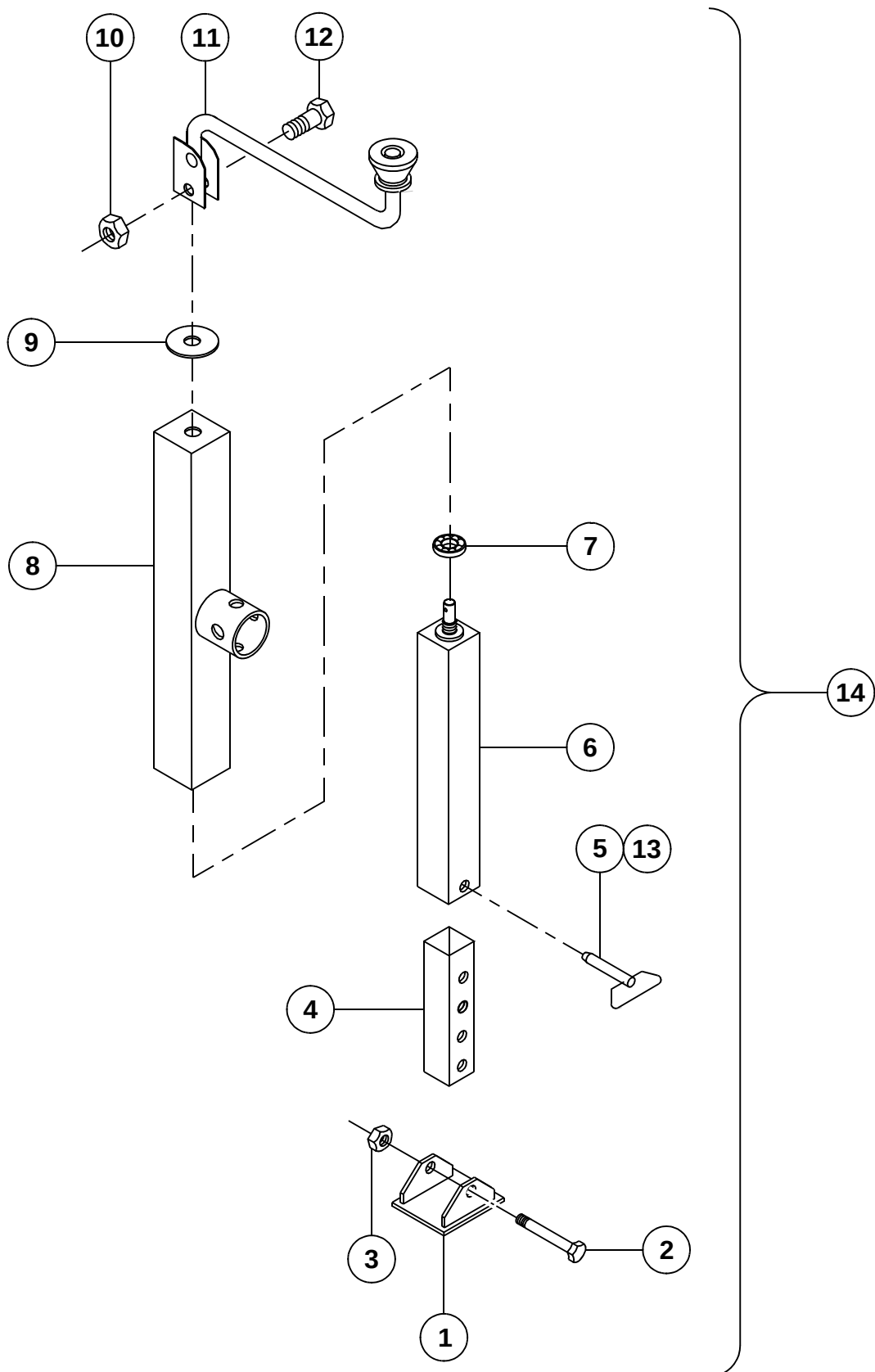
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46553568	Axle, Electric Brakes	1	
2	35391135	Plug, E-Z Lube	2	
3	35379395	Cap, Dust E-Z Lube	2	
4	36136166	Nut, Spindle	2	
5	36136158	Washer, Retainer Spindle	2	
6	35315209	Washer, Spindle	2	
7	35385293	Cone, Outer Bearing	2	
8	35385277	Cup, Outer Bearing	2	
9	35315274	Nut, Lug	12	
10	36895696	Hub, w/ Studs	2	
11	46583904	Stud, Hub	12	
12	35316884	Cup, Inner Bearing	2	
13	35316876	Cone, Inner Bearing	2	
14	46583903	Seal, Hub	2	
15	46583902	Nut and Washer Assembly	10	
16	35390814	Brake Assembly, LH	1	Not Shown
	35390822	Brake Assembly, RH	1	

Electric Brake Shoe



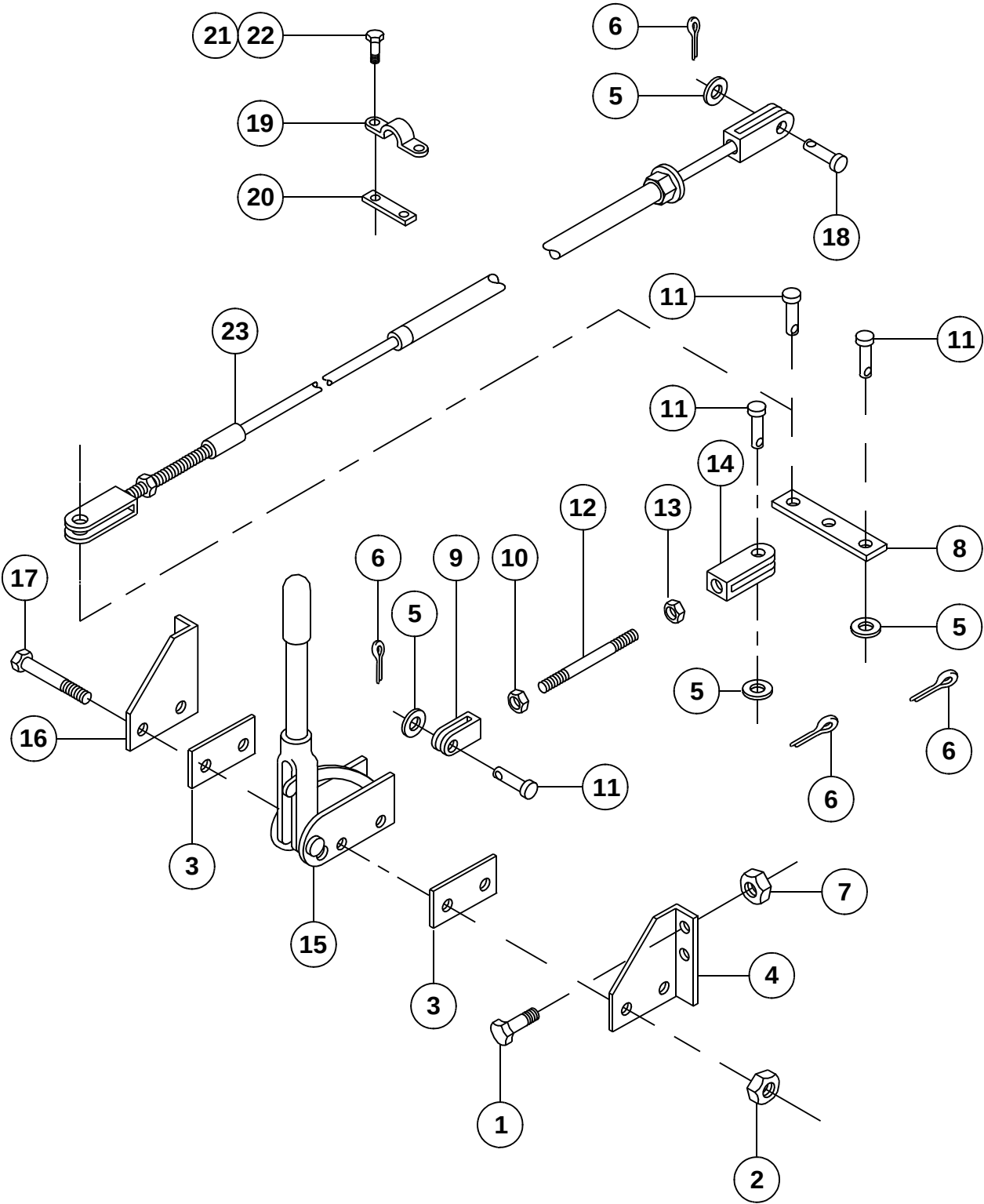
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35390814	Brake Assembly, LH	1	Not Shown
	35390822	Brake Assembly, RH	1	
2	35393859	Backing Plate Assembly, LH	1	Not Shown
	35393867	Backing Plate Assembly, RH	1	
3	35393727	Adjusting Screw and Spring Kit	2	Not Shown
4	36895811	Magnet Kit	2	
5	36895829	Actuating Lever Kit, LH	1	
	36895837	Actuating Lever Kit, RH	1	
6	46583900	Shoe and Lining Kit	2	
7	35391002	Spring, Retractor	2	
8	35391481	Plug, Adjusting Slot	2	

Jack Assembly



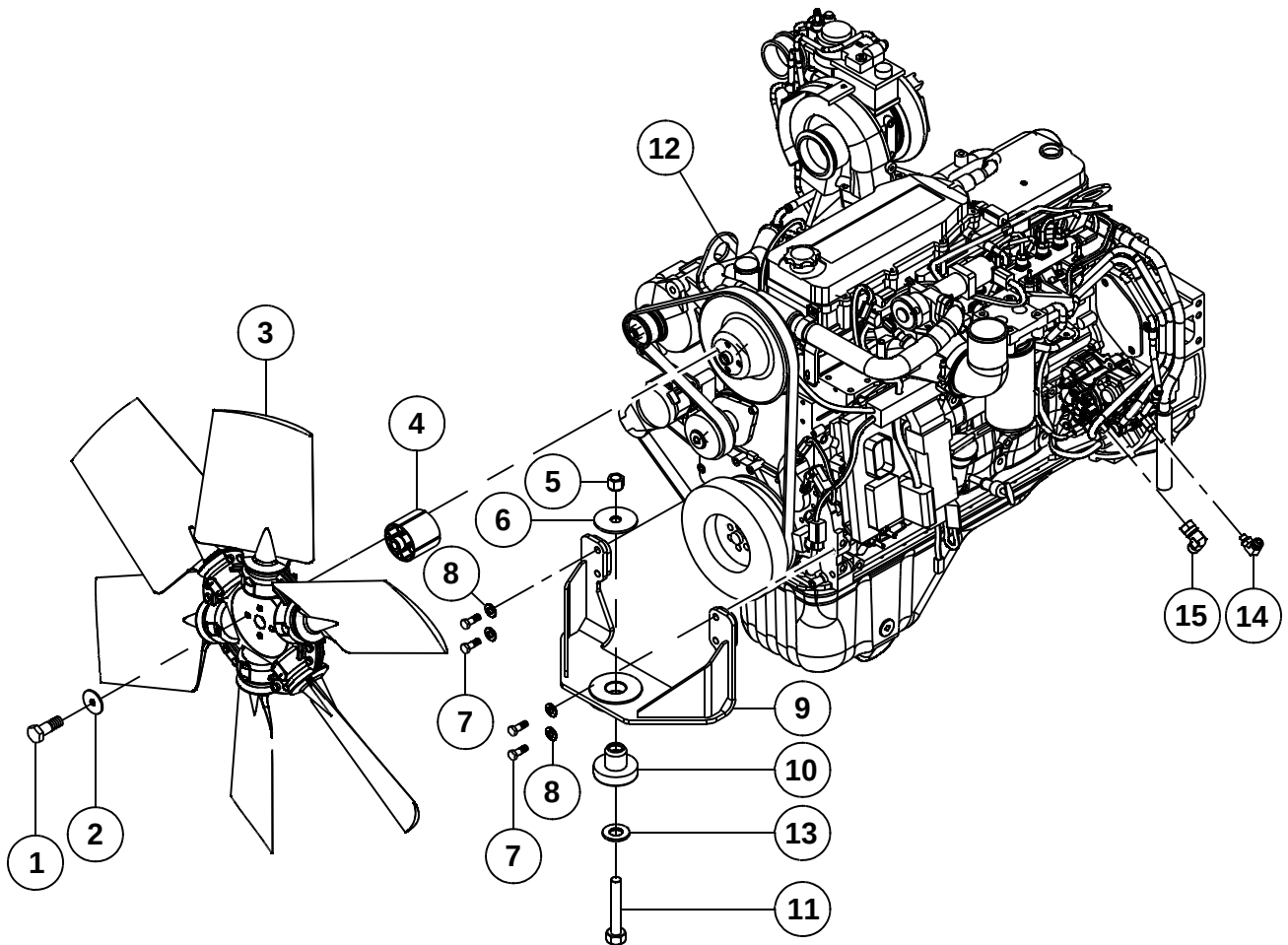
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36870145	Base, Jack	1	
2	95954087	Screw, Hex 9/16" - 18 X 3-1/2"	1	
3	35336700	Nut, Torque 9/16" - 18	1	
4	36870087	Leg, Drop with Sleeve	1	
5	36870095	Pin, Pull	1	
6	36870053	Tube, Inner	1	
7	36870079	Bearing, Thrust	1	
8	36870129	Tube, Outer	1	
9	95935011	Washer, Flat 3/4" ID	1	
10	95923314	Nut, Locking 5/16" - 18	1	
11	36870061	Hand Crank Assembly	1	
12	95935235	Screw, Hex 5/16" - 18 X 1-1/2"	1	
13	36870103	Clip, Pull Pin	1	
14	36870111	Jack, Drawbar	1	

Parking Brake Lever Assembly - Electric Brake Axle



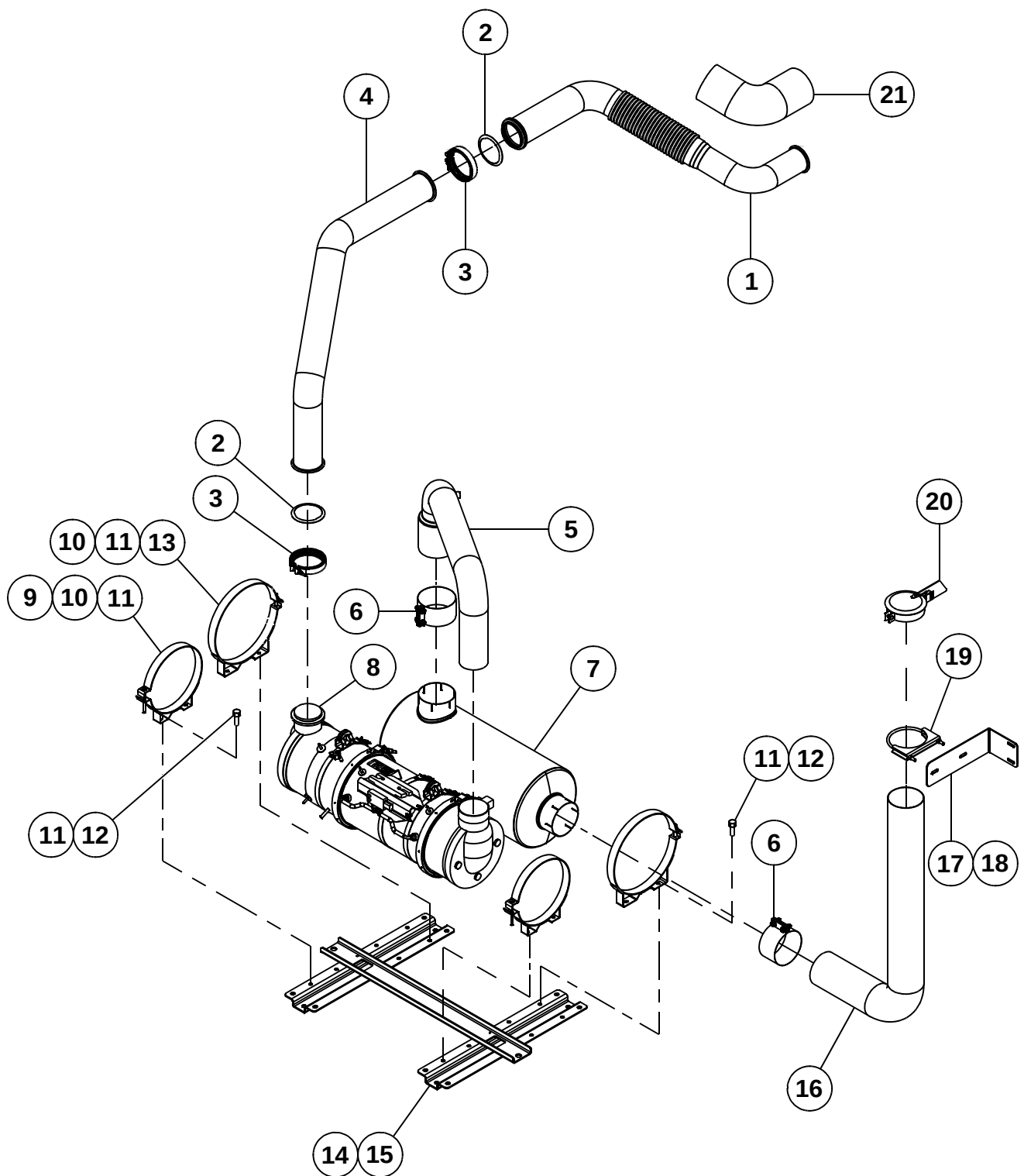
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	96702311	Screw, Hex M12 - 1.75 X 30	4	
2	36879195	Nut, Hex Flange M10 - 1.5	2	
3	35603224	Spacer, Parking Brake	2	
4	36847440	Bracket, Left	1	
5	95934998	Washer, Flat 5/16" ID	6	
6	95928867	Pin, Cotter	6	
7	96701743	Nut, Hex M12 - 1.75	4	
8	35602846	Bracket, Equalizer	1	
9	35603216	Clevis, 3/4" X 2-1/2"	1	
10	95935086	Nut, Hex 5/16" - 24	2	
11	35357151	Pin, Clevis 5/16" X 1"	4	
12	46556821	Rod, Link	1	
13	35118728	Nut, Hex 5/16" - 24 LH	2	
14	35603208	Clevis, 3/4" X 3"	1	
15	35857382	Lever, Parking Brake	1	
16	36847432	Bracket, Right	1	
17	96730387	Screw, Hex M10 - 1.5 X 75	2	
18	36846780	Pin, Clevis 5/16" X 3/4"	2	
19	35602895	Clamp, Cable 1/2" ID	2	
20	35602903	Plate, Clamp	2	
21	36889608	Screw, Hex M08 - 1.25 X 25	4	
22	36895746	Nutsert, Hex M08	4	
23	36880698	Cable, Electric Brake 53"	2	

Engine, Fan and Mount



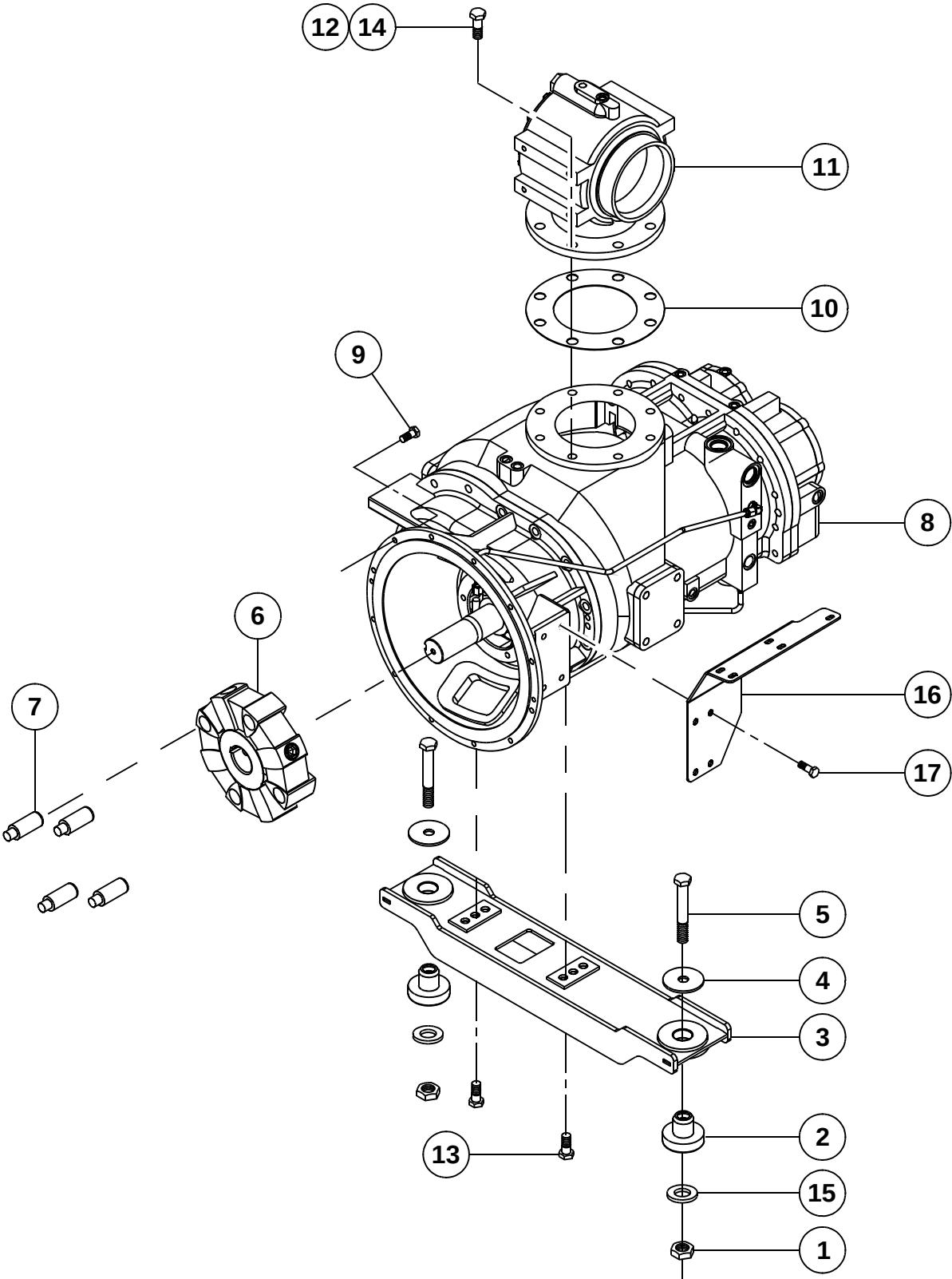
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	96720594	Screw, Hex M10 - 1.5 X 100	4	
2	95935037	Washer, Flat 3/8" ID	4	
3	46555935	Fan Assembly	1	
4	46555920	Spacer, Fan	1	
5	95923363	Nut, Locking 3/4" - 10	1	
6	35273937	Washer, Snubber 13/16" ID	1	
7	96730395	Screw, Hex M12 - 1.75 X 50	4	
8	95935003	Washer, Flat 1/2" ID	4	
9	46553443	Support, Engine Front	1	
10	35302835	Mount, Rubber	1	
11	95934253	Screw, Hex 3/4" - 10 X 4"	1	
12	46551925	Engine, Diesel	1	
13	95935011	Washer, Flat 3/4" ID	1	
14	46557080	Elbow, 90° M12 - 1.5 O-Ring Retained X -8 JIC	1	
15	35305648	Elbow, 90° Swivel Nut -10 JIC	1	
		Engine Service Parts		
	46558720	Filter, Engine Oil	1	
	46558719	Filter, Engine Fuel	1	
	46554959	Filter, Engine Fuel/Water Separator	1	
	46558722	Belt, Engine Serpentine	1	
	46567299	Breather, Crankcase	1	

Exhaust System



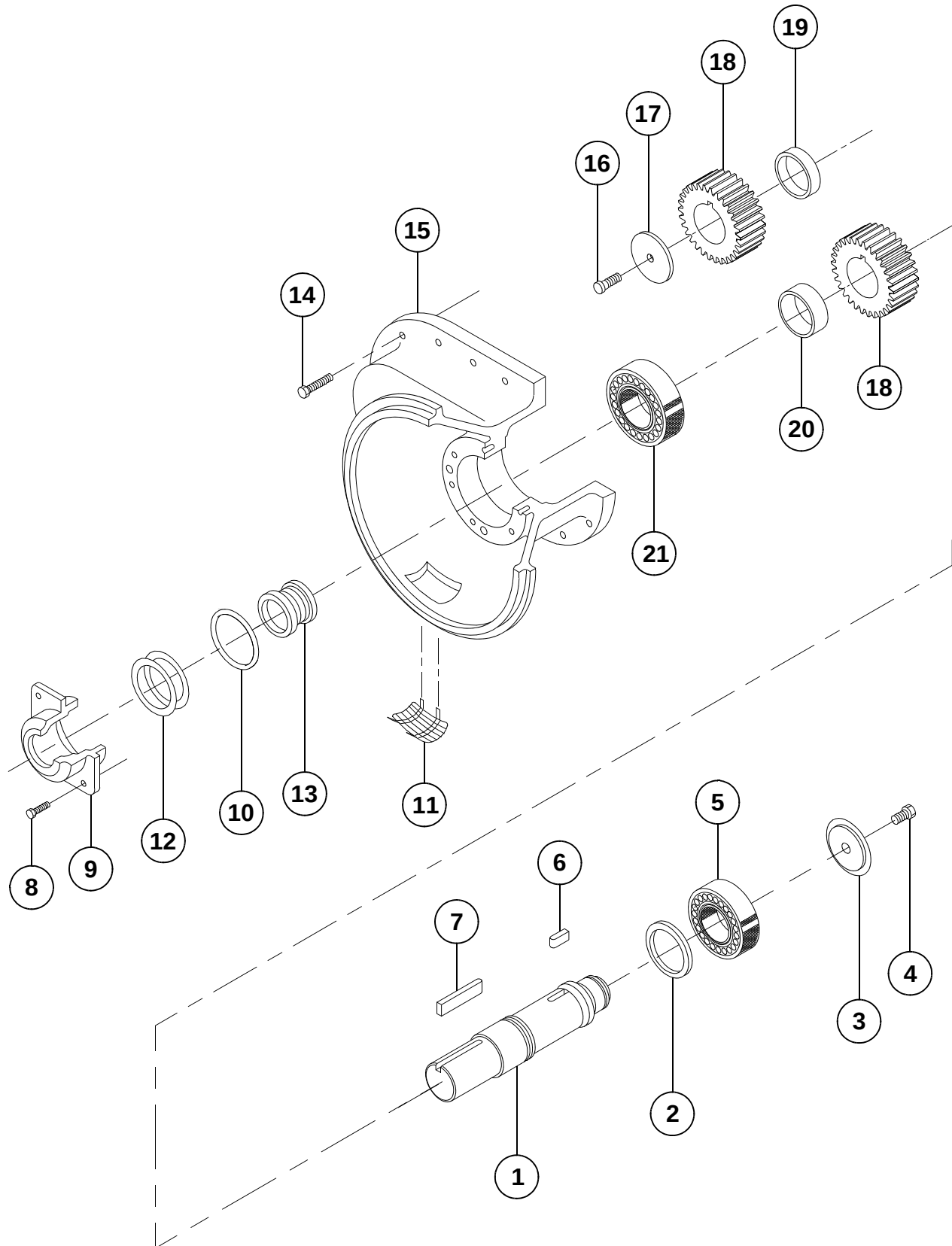
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46555642	Tube, Exhaust Turbo Outlet	1	
2	46555680	Gasket, Exhaust 4"	2	
3	35602796	Clamp, V-Band 4-3/4" ID	2	
4	46555641	Tube, Exhaust Diesel Particulate Filter Inlet	1	
5	46555918	Tube, Intermediate Exhaust	1	
6	35307131	Clamp, Band 5" ID	2	
7	46557211	Muffler, Exhaust	1	
8	46551927	Filter, Diesel Particulate	1	
9	36787026	Band, Mounting 10" ID	2	
10	36786382	Screw, Hex M08 - 1.25 X 70	4	
11	36881886	Nut, Hex Flange M08 - 1.25	12	
12	36889608	Screw, Hex M08 - 1.25 X 25	8	
13	35274711	Band, Mounting 11-13/16" ID	2	
14	46553907	Sled, Muffler / Diesel Particulate Filter	1	
15	36879492	Screw, Hex Flange M12 - 1.75 X 25	4	
16	46555712	Tube, Exhaust Tailpipe	1	
17	46555793	Bracket, Exhaust Tailpipe	1	
18	35279025	Screw, Tapping M08 - 1.25 X 20	2	
19	35127653	Clamp, Muffler 5" ID	1	
20	35857036	Cap, Rain 5"	1	
21	46556464	Wrap, Exhaust Pipe	1	

Airend, Coupling and Unloader



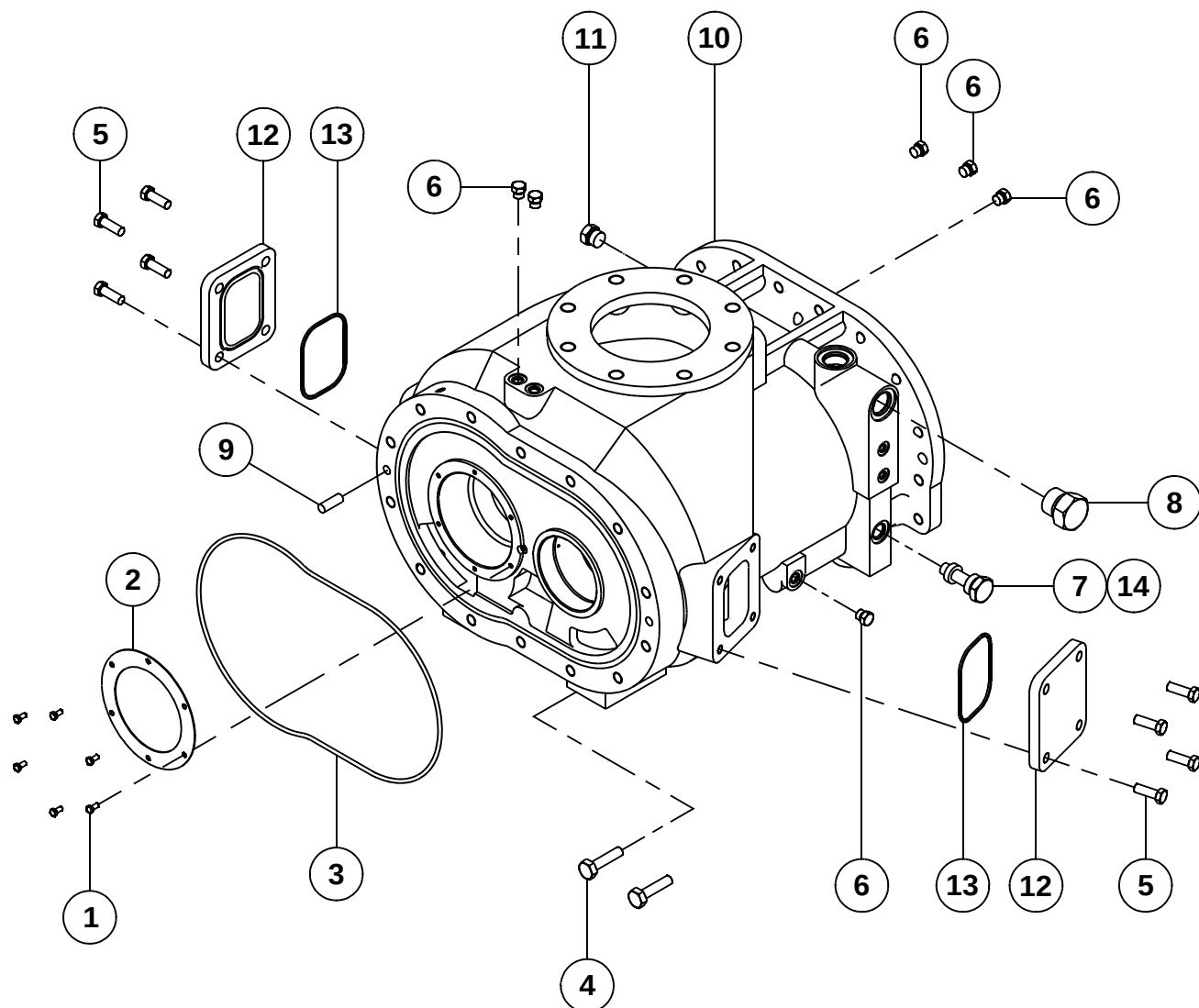
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	95923363	Nut, Locking 3/4" - 10	2	
2	35302835	Mount, Rubber	2	
3	46551988	Bracket, Airend Mounting	1	
4	35273937	Washer, Snubber 13/16" ID	2	
5	95934253	Screw, Hex 3/4" - 10 X 4.0"	2	
6	54400031	Coupling Assembly, Airend	1	
7	92041458	Pin, Coupling Drive	4	
8	42437574	Airend Assembly (HP750)	1	
	42437582	Airend Assembly (XP825)	1	Not Shown
	36049732	Airend Assembly, Remanufactured (HP750)	1	Not Shown
	36049757	Airend Assembly, Remanufactured (XP825)	1	Not Shown
9	96701917	Screw, Hex M10 - 1.5 X 30	12	
10	36786572	Gasket, Unloader	1	
11	36734515	Unloader Assembly	1	
12	35272558	Screw, Hex M20 - 2.5 X 45	6	
13	35358274	Screw, Hex Socket Cap M16 - 2.0 X 25	4	
14	96700901	Screw, Hex M20 - 2.5 X 40	2	
15	95935011	Washer, Flat 3/4" ID	2	
16	46558819	Support, Hose Routing	1	
17	96701495	Screw, Hex M12 - 1.75 X 25	4	

Airend - Gear Case Housing Assembly



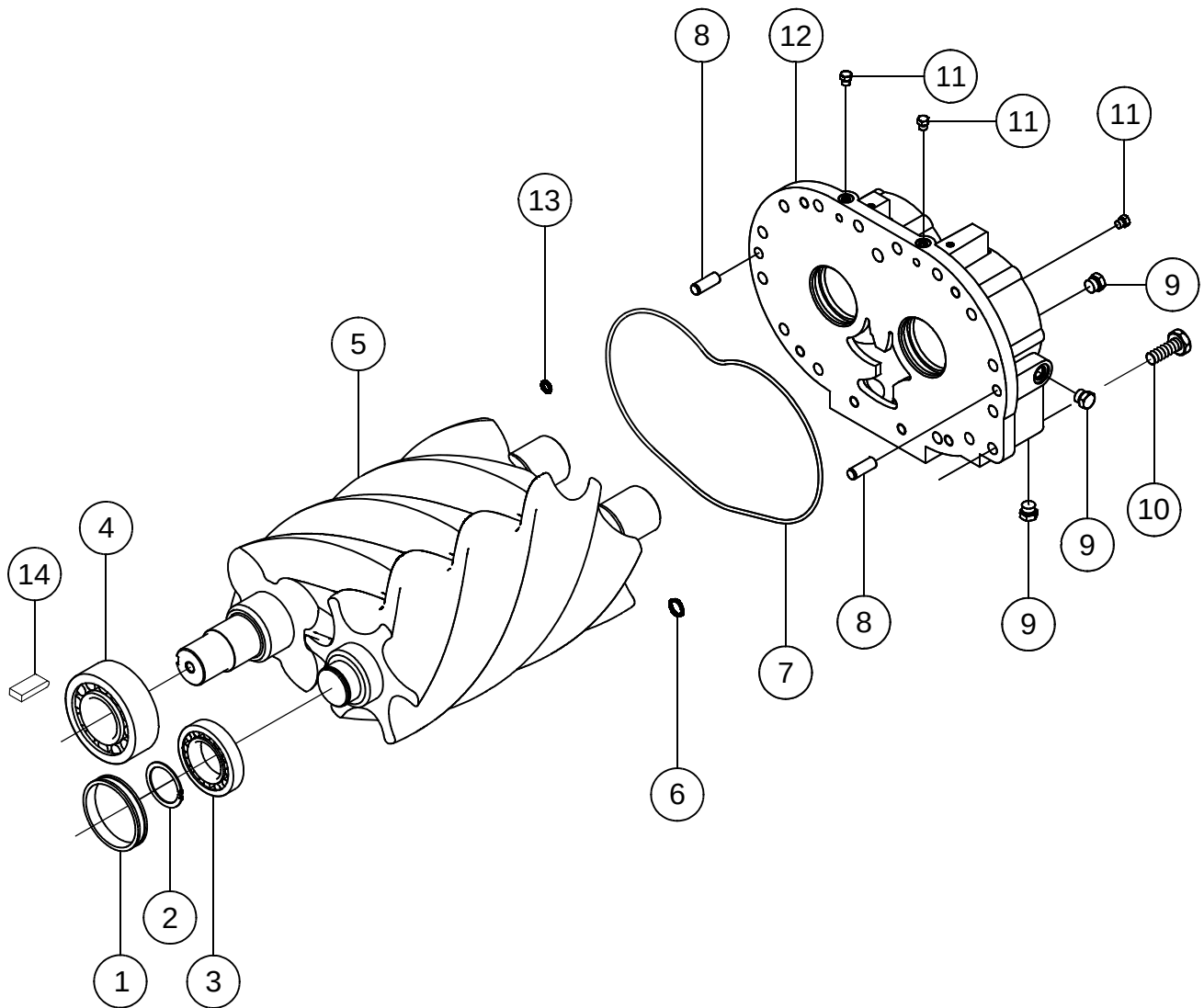
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36846400	Shaft, Drive	1	Not Shown
2	36851681	Spacer, Gear	1	
3	36764785	Cap, Shaft Guide	1	
4	35336304	Screw, Hex Socket Cap M10 - 1.50 X 25	1	
5	36854925	Bearing, Inboard	1	
6	35361328	Key, Double Round 15.9 mm X 47 mm	1	
7	35364975	Key, Coupling	1	
8	96712187	Screw, Hex M12 - 1.75 X 30	6	
9	36507515	Cover, Seal	1	
10	95358164	O-Ring, 5-1/4" ID	1	
11	36798346	Guard, Bottom	1	
	36798361	Guard, Top	1	
12	36846442	Shim Set	1	
13	35593508	Seal, Shaft	1	
14	96716162	Screw, Hex M16 - 2.0 X 40	14	Not Shown
15	36851459	Housing, Gear Case	1	
16	96706254	Screw, Hex M16 - 2.0 X 35	1	
17	35255819	Plate, Clamp	1	
18	35335363	Gear Set (HP750)	1	
	35334853	Gear Set (XP825)	1	
19	39326483	Spacer, Gear	1	
20	36846418	Spacer, Gear	1	
21	36846426	Bearing, Outboard	1	

Airend - Rotor Housing Assembly



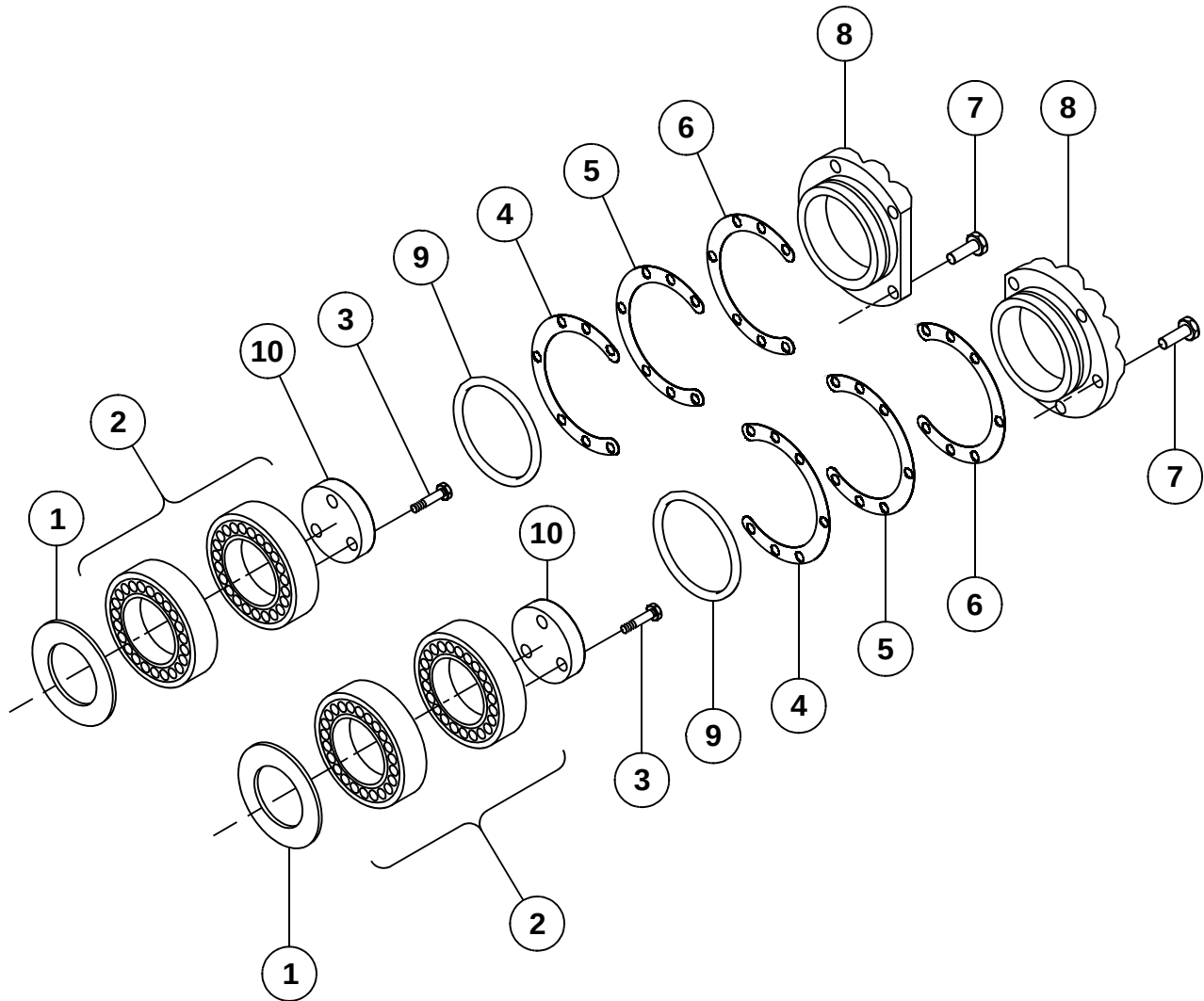
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	96716105	Screw, Hex M06 - 1.0 X 12	6	
2	39326749	Plate, Retainer	1	
3	39253992	O-Ring, 398.6 mm ID	1	
4	35279009	Screw, Hex M16 - 2.0 X 55	2	
5	96712179	Screw, Hex M12 - 1.75 X 35	8	
6	95938205	Plug, Hex 9/16" - 18	6	
7	39330626	Orifice, Injection 14 mm	1	
8	95939856	Plug, Hex 1-5/16"-12	2	
9	95239927	Pin, Dowel 1/2"	2	
10	22124317	Housing, Rotor	1	
11	95938221	Plug, Hex 7/8" - 14	2	
12	22219687	Plate, Cover	2	
13	95023073	O-Ring, 4-1/4" ID	2	
14	95021754	O-Ring, 3/4" ID	1	

Airend - Rear Bearing Housing Assembly



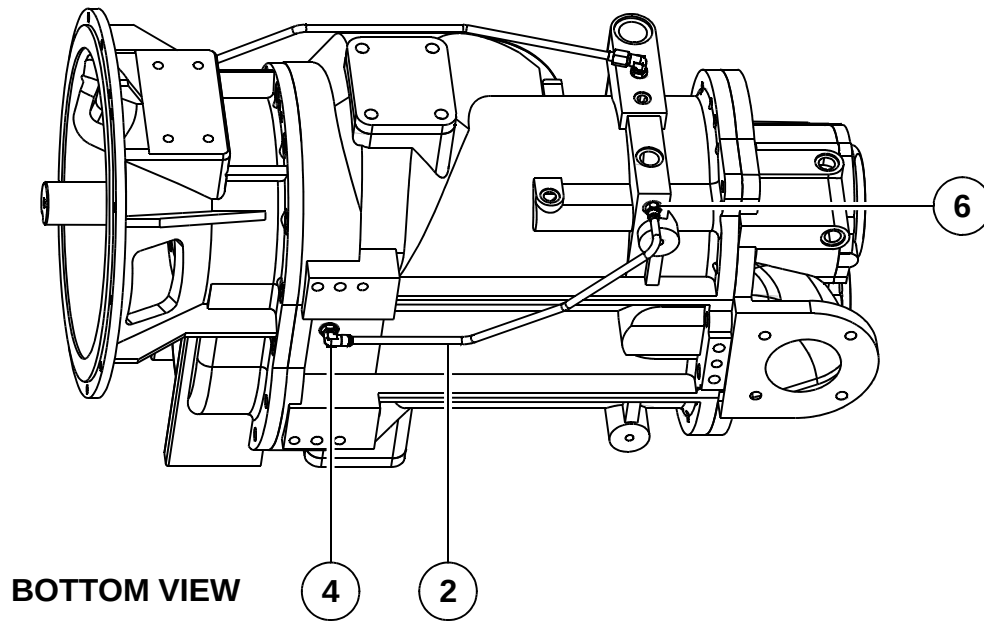
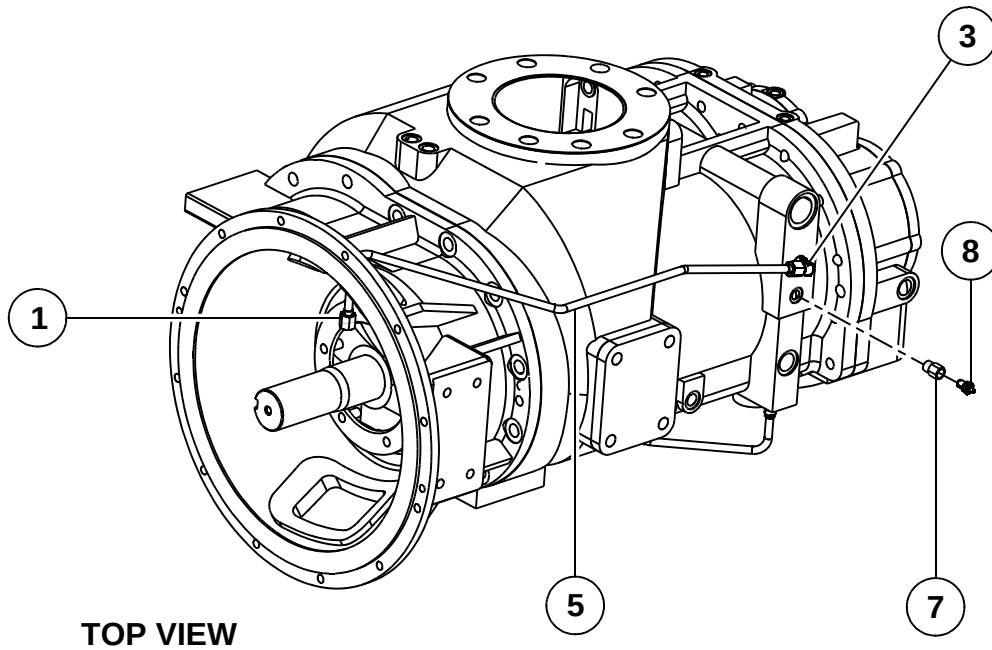
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35262963	Spacer, Bearing	1	
2	95096806	Snap Ring, 2-3/8"	1	
3	35313568	Bearing, Female Rotor	1	
4	39322706	Bearing, Male Rotor	1	
5	36005031	Rotor Set	1	
6	95022141	O-Ring, 13/16" ID	1	
7	39253984	O-Ring, 365.5 mm ID	1	
8	35295336	Pin, Dowel M16	2	
9	95938213	Plug, Hex w/ O-Ring 3/4" - 16	3	
10	96706262	Screw, Hex M16 - 2.0 X 45	14	
11	95938965	Plug, Hex w/ O-Ring 7/16" - 20	4	
12	39890553	Housing, Rear Bearing	1	
13	95656260	O-Ring, 1/2" ID	2	
14	35361310	Key, Shaft 12.7mm X 51mm	1	

Airend - Rear Bearing Cover Assembly



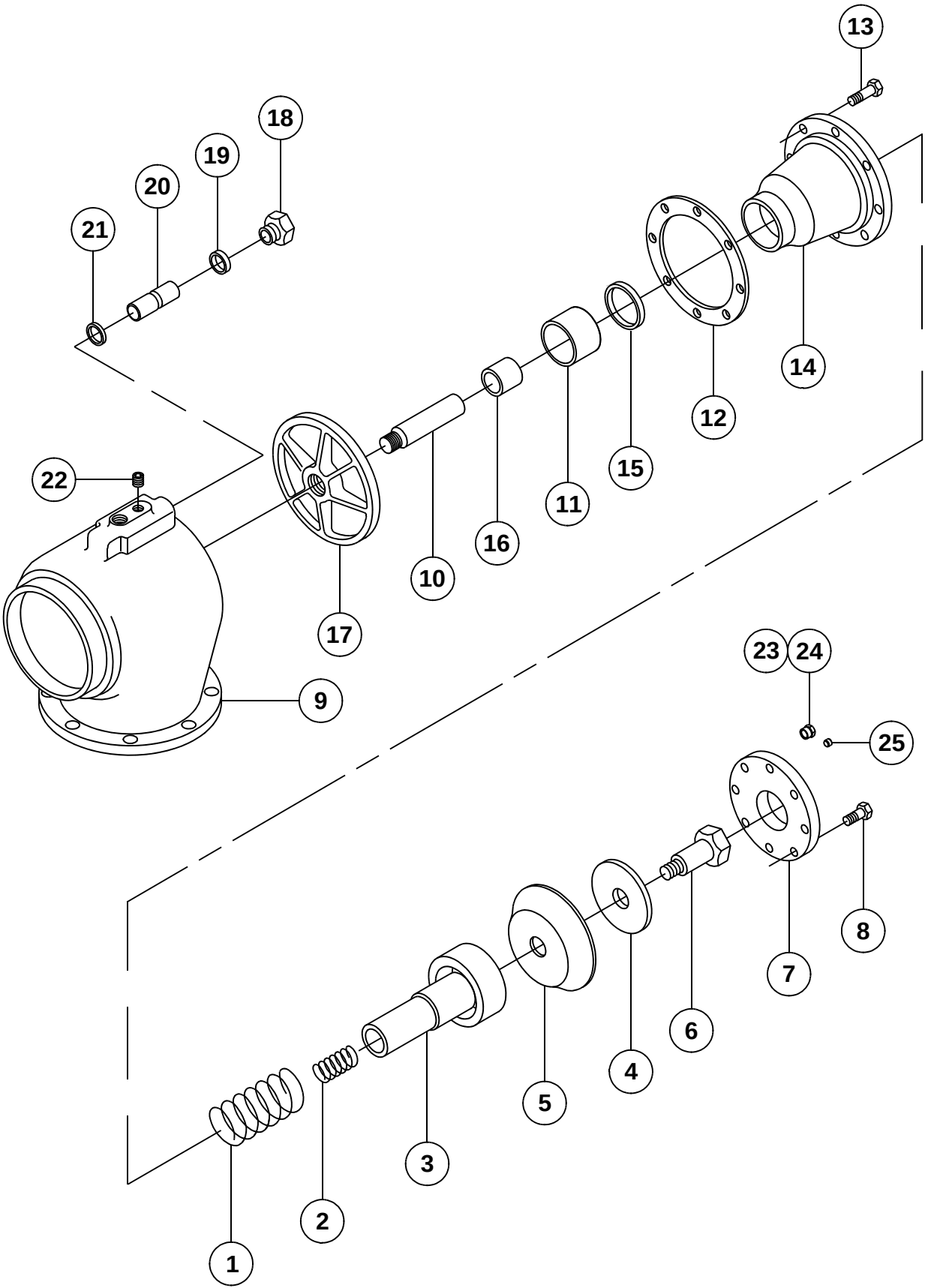
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35299361	Shim Set	2	
2	39437686	Bearing, Taper Roller	4	
3	96705983	Screw, Hex M10 - 1.5 X 35	6	
4	39326780	Shim, Rear Bearing .0254 mm	4	
5	39326798	Shim, Rear Bearing .0762 mm	6	
6	39326806	Shim, Rear Bearing .2540 mm	4	
7	96712179	Screw, Hex M12 - 1.75 X 35	10	
8	39891486	Cover, Rear Bearing	2	
9	95023388	O-Ring, 5-5/8" ID	2	
10	39436977	Retainer, Bearing	2	

Airend Piping



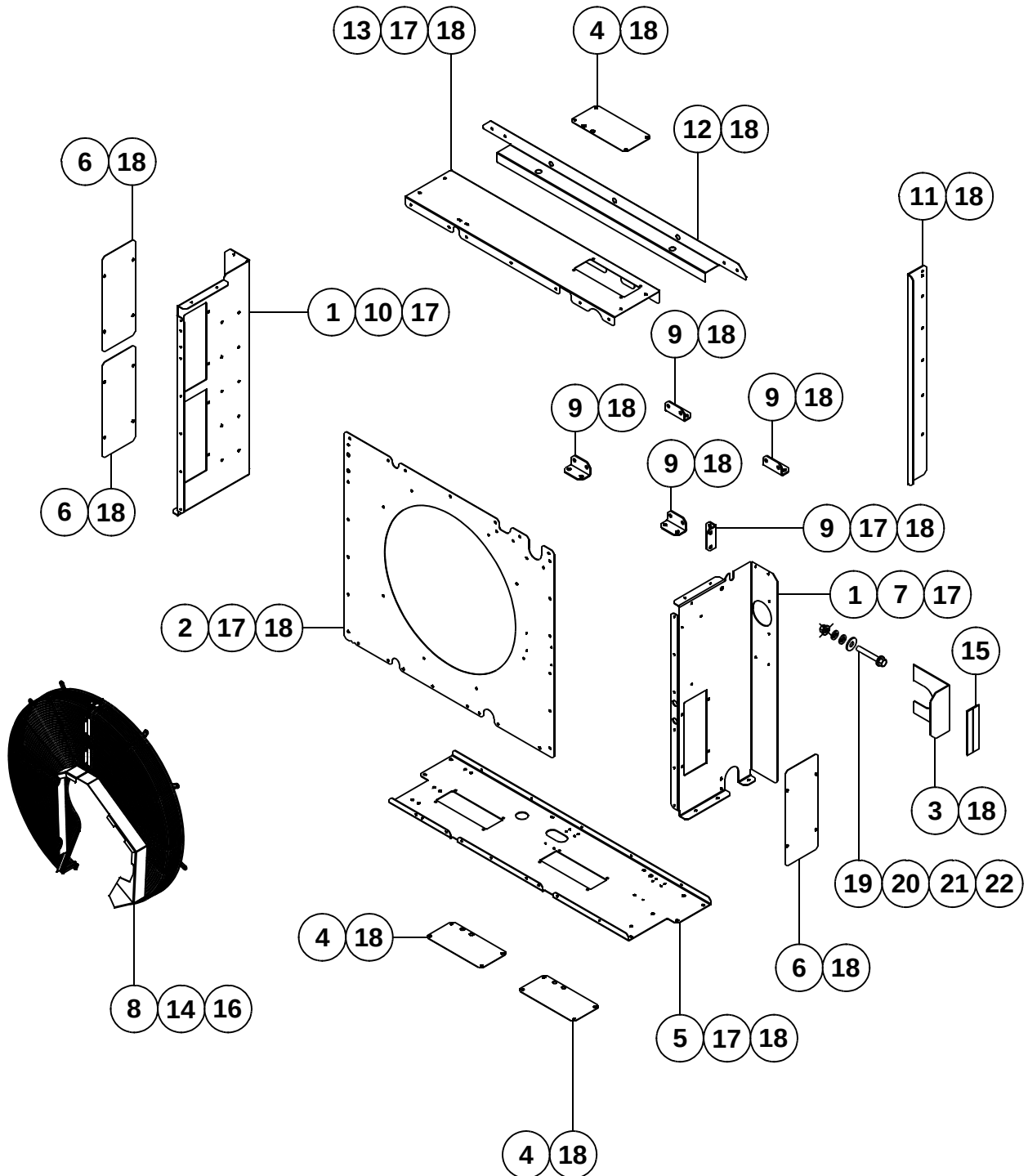
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36866564	Connector, 7/16" - 20 X -6 JIC	1	
2	39911284	Tube Assembly, Front Bearing Housing	1	
3	95959730	Elbow, 90° 7/16" - 20 X -6 JIC	1	
4	35279827	Elbow, 90° 9/16" - 18 X -6 JIC	1	
5	39911292	Tube Assembly, Jackshaft	1	
6	95974663	Connector, 7/8" - 14 X -6 JIC	1	
7	22246722	Adapter, 7/16" X 1/8" NPT	1	
8	54496773	Transducer, Pressure 0 - 225 PSI	1	

Unloader Assembly



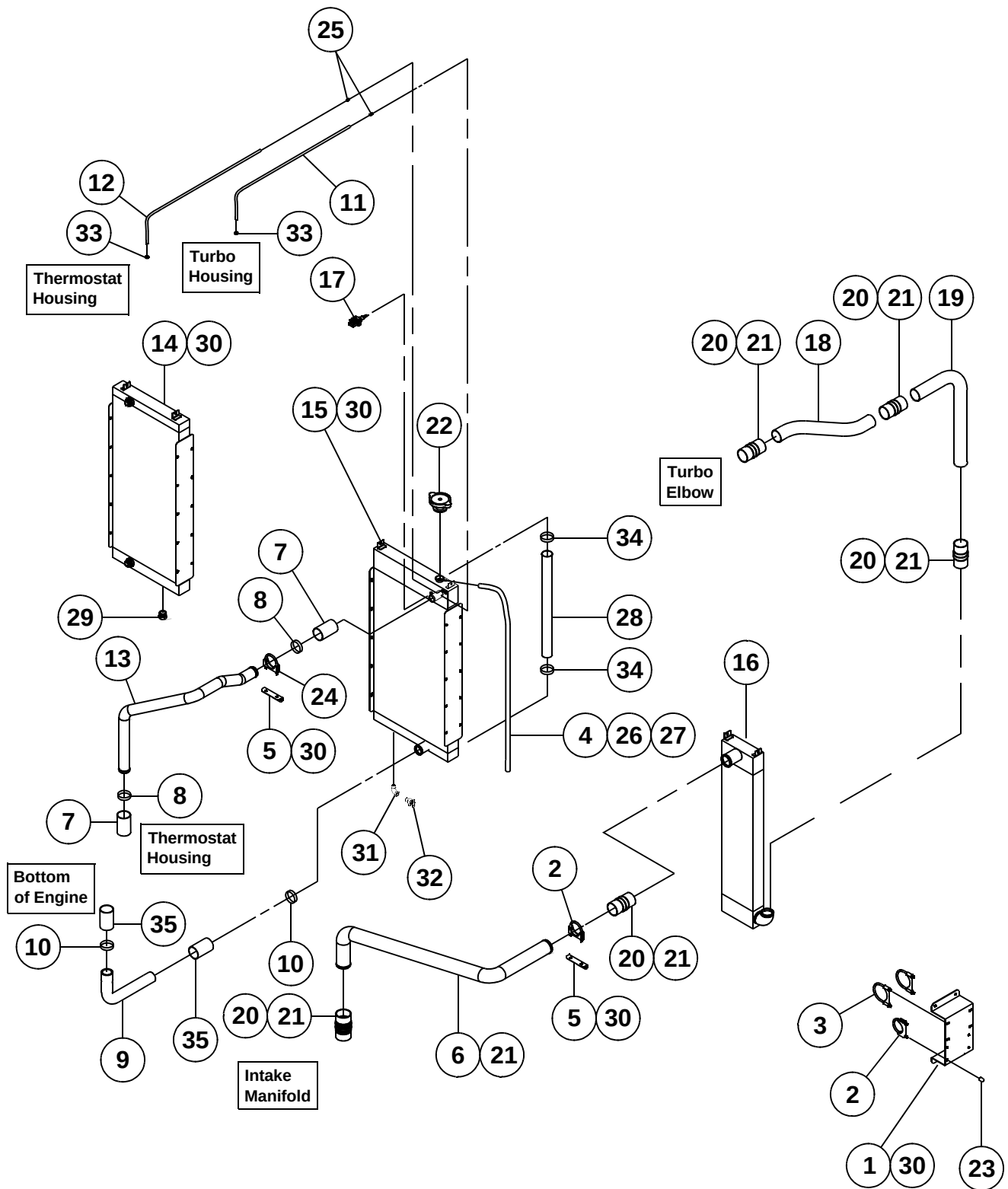
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35332691	Spring, Piston	1	
2	35332683	Spring, Valve	1	
3	35591163	Piston, Unloader	1	
4	35327204	Washer, Piston	1	
5	35592534	Diaphragm, Unloader	1	
6	95934642	Screw, Hex 1/2" - 13 X 1"	1	
7	35591189	Cover, Piston	1	
8	96702659	Screw, Hex M08 - 1.25 X 25	8	
9	36734507	Body, Unloader	1	
10	35332006	Stem, Valve	1	
11	35328228	Bushing, Piston	1	
12	35328251	Gasket, Piston Housing	1	
13	96702287	Screw, Hex M10 - 1.5 X 25	12	
14	36722460	Housing, Piston	1	
15	35328244	Seal, Unloader Piston	1	
16	35328269	Bushing, Piston	2	
17	35591171	Plate, Valve	1	
18	35328236	Adapter, Plug	1	
19	35331578	Washer, Rubber 11.2 mm ID	1	
20	36897148	Valve, Anti-Rumble	1	
21	35331586	Grommet, 7/8" ID	1	
22	95928222	Plug, Hex Countersink 3/8" NPT	1	
23	35278571	O-Ring, 15/32" ID	1	
24	35287556	Plug, Hex w/ O-Ring 9/16" - 18	1	
25	95928230	Plug, Hex Countersink 1/4" NPT	1	

Fan Box



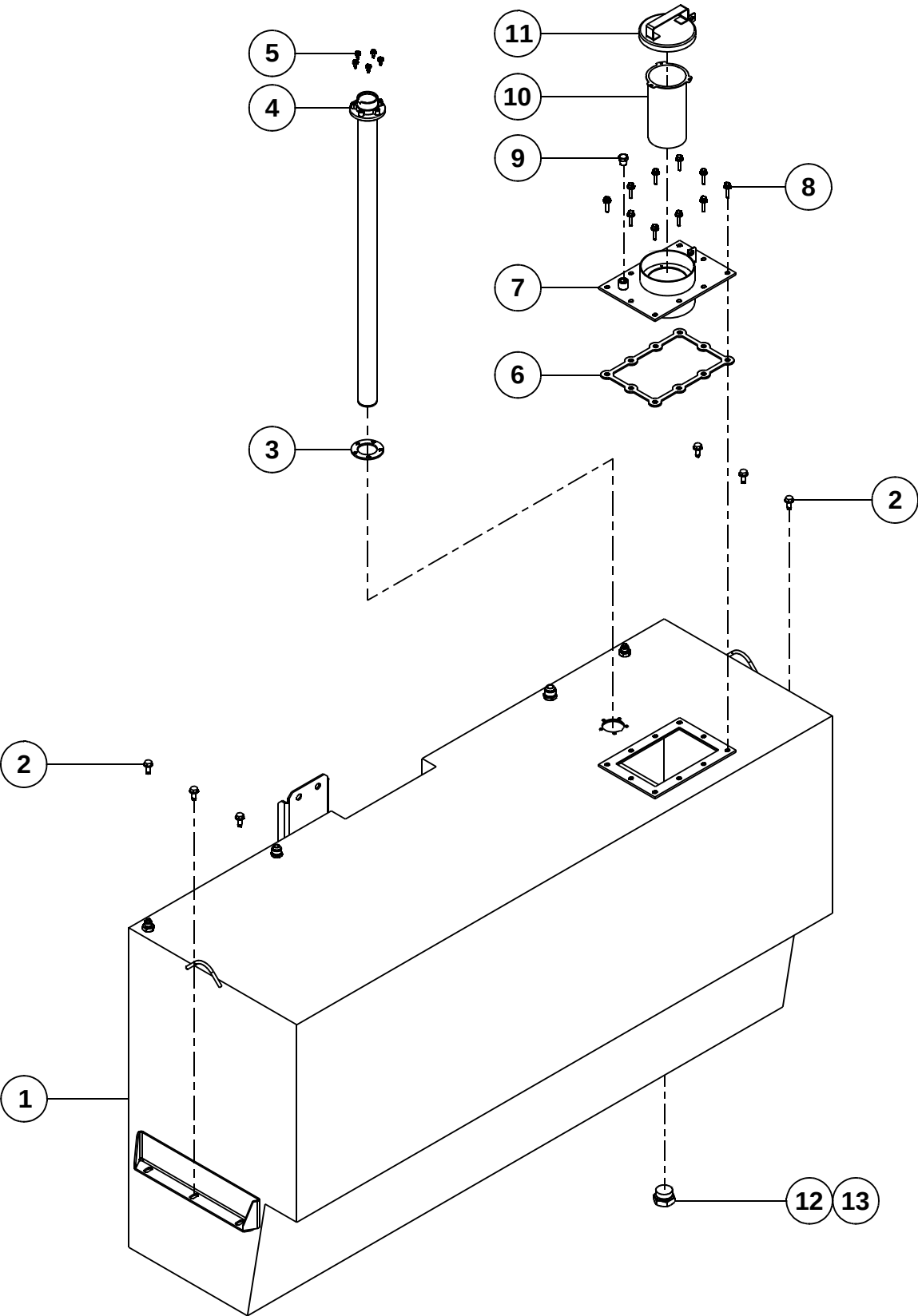
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36880995	Screw, Hex Flange M10 - 1.5 X 30	6	Measured in Inches
2	46554927	Orifice, Fan	1	
3	46555702	Angle, Seal Cooling Package	1	
4	22303465	Plate, Cover	3	
5	46557031	Base, Cooling Package	1	
6	22228860	Plate, Cover	3	
7	46554924	Support, Charge Air Cooler	1	
8	46554711	Guard, Fan	1	
9	46552084	Angle, Cooler Brace	5	
10	46554925	Support, Oil Cooler	1	
11	46554111	Angle, Charge Air Cooler Side	1	
12	46554928	Baffle, Top	1	
13	46554926	Panel, Top Cooler	1	
14	36889608	Screw, Hex M08 - 1.25 X 25	13	
15	22068373	Seal, Door	30	
16	36881886	Nut, Hex Flange M08 - 1.25	5	
17	36895746	Nutsert, Hex M08	38	
18	35279025	Screw, Tapping M08 - 1.25 X 20	85	
19	36877793	Screw, Hex Flange M12 - 2.0 X 40	1	
20	54429295	Washer, Snubber 1/2" ID	1	
21	95935003	Washer, Flat 1/2" ID	2	
22	36879203	Nut, Hex Flange M12 - 2.0	1	

Cooler Piping



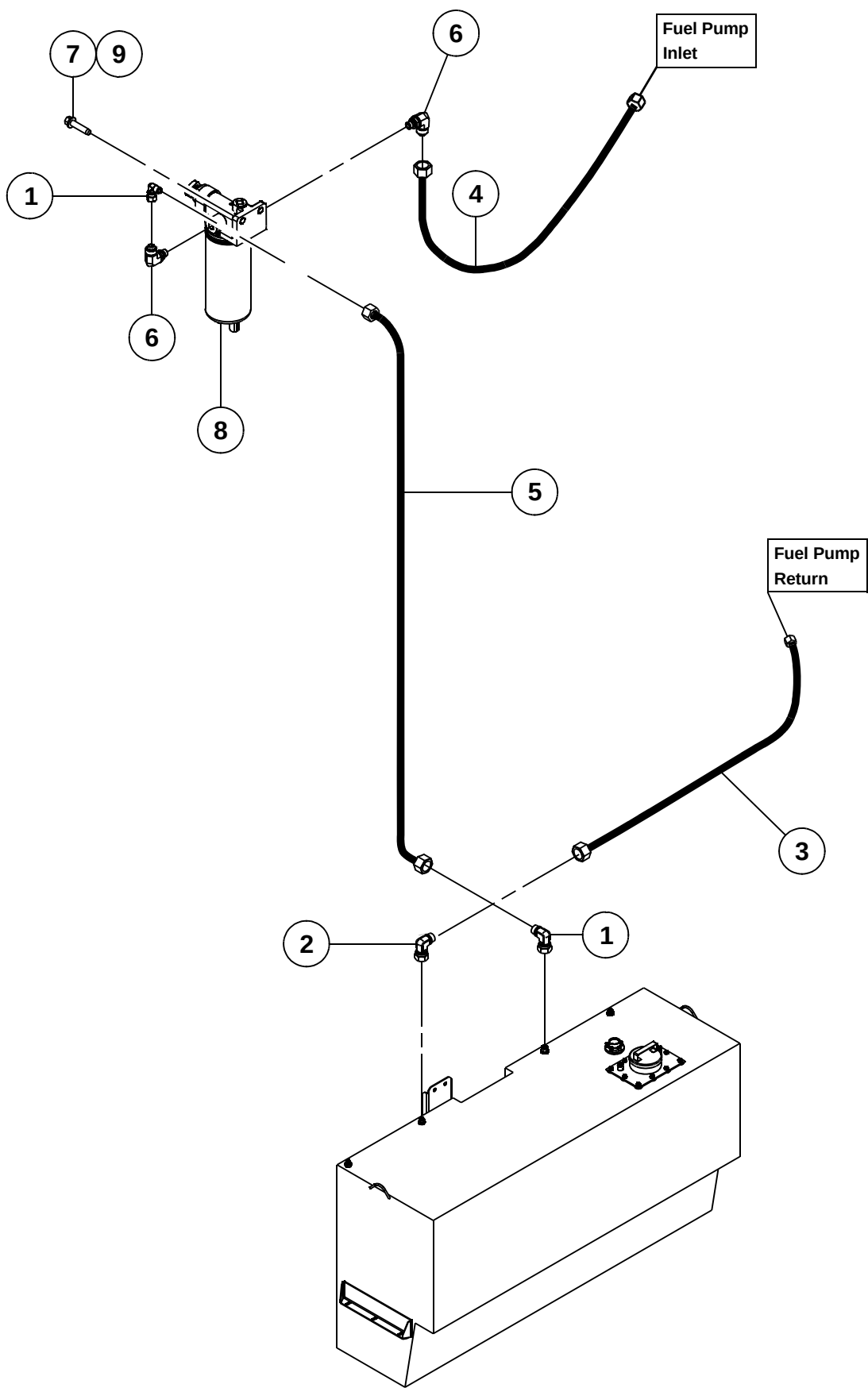
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46552089	Support, Exhaust and CAC Tubes	1	Measured in Inches
2	35113646	Clamp Assembly, Saddle 3" ID	2	
3	35111731	Clamp, Muffler 4" ID	2	
4	35285162	Grommet, 3/4" ID	1	
5	46572839	Bracket, Clamp Support	2	
6	46554753	Tube, Charge Air Out	1	
7	54564737	Hose, Radiator 1-3/4"	10	
8	35221662	Clamp, Hose 1-5/16" ID	4	
9	46554101	Tube, Radiator Bottom	1	
10	35222017	Clamp, Hose 3-1/8" ID	4	
11	35285600	Hose, Fuel 3/8"	44	Measured in Inches
12	35285600	Hose, Fuel 3/8"	51	Measured in Inches
13	46554114	Tube, Radiator Top	1	
14	46554058	Cooler, Oil	1	
15	46554059	Radiator, Engine Coolant	1	
16	46554060	Cooler, Charge Air	1	
17	22769186	Sensor, Coolant Level 5V	1	
18	46552091	Tube, Upper Charge Air	1	
19	46554787	Tube, Lower Charge Air	1	
20	22144497	Connector, Rubber	5	
21	22144513	Clamp, Spring Loaded 3-1/16" ID	10	
22	23264096	Cap, Radiator	1	
23	22367163	Protector, Thread	6	
24	35261155	Clamp, Muffler 1-3/4" ID	1	
25	35310598	Adapter, Barbed 1/4" NPT X 3/8" Hose	2	
26	35225077	Clamp, Support 11/16" ID	3	
27	35285600	Hose, Fuel 3/8"	61	
28	35286327	Hose, Surge Tank 3/4"	41	
29	95938205	Plug, Hex w/ O-Ring 9/16" - 18	1	
30	35279025	Screw, Tapping M08 - 1.25 X 20	25	
31	95944666	Elbow, 90° Street 1/4" NPT X 1/4"NPT	1	
32	36782167	Valve, Bib	1	
33	95264776	Clamp, Hose 1/4" ID	2	
34	95220851	Clamp, Hose 3/4" ID	2	
35	46554881	Hose, Radiator 4-3/4"	2	

Fuel Tank



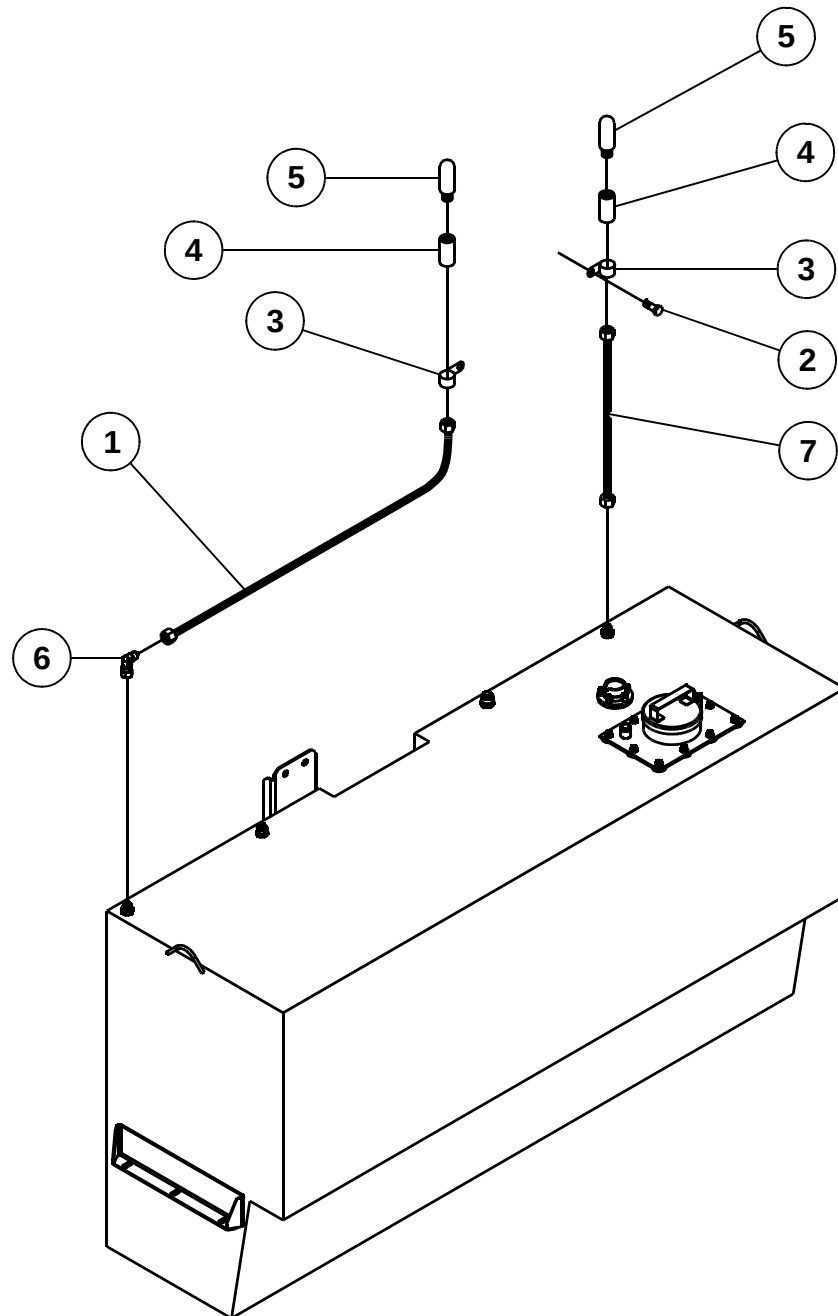
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46561239	Tank, Fuel	1	
2	35279025	Screw, Tapping M08 - 1.25 X 20	6	
3	35361849	Gasket, Fuel Sender	1	
4	46570900	Sender, Fuel Level	1	
5	36842102	Screw, Tapping #10 - 32 X 1"	5	
6	35389964	Gasket, Flange Fill	1	
7	35389972	Flange, Fill	1	
8	35144328	Screw, Hex Flange 1/4" - 20 X 5/8"	10	
9	95954038	Plug, Hex 1/4" NPT	1	
10	36845022	Strainer, Fuel	1	
11	36845014	Cap, Fuel	1	
12	95939856	Plug, Hex w/ O-Ring 1-5/16" - 12	1	
13	39404173	O-Ring, 1-3/16" ID	AR	

Fuel Supply and Return Piping



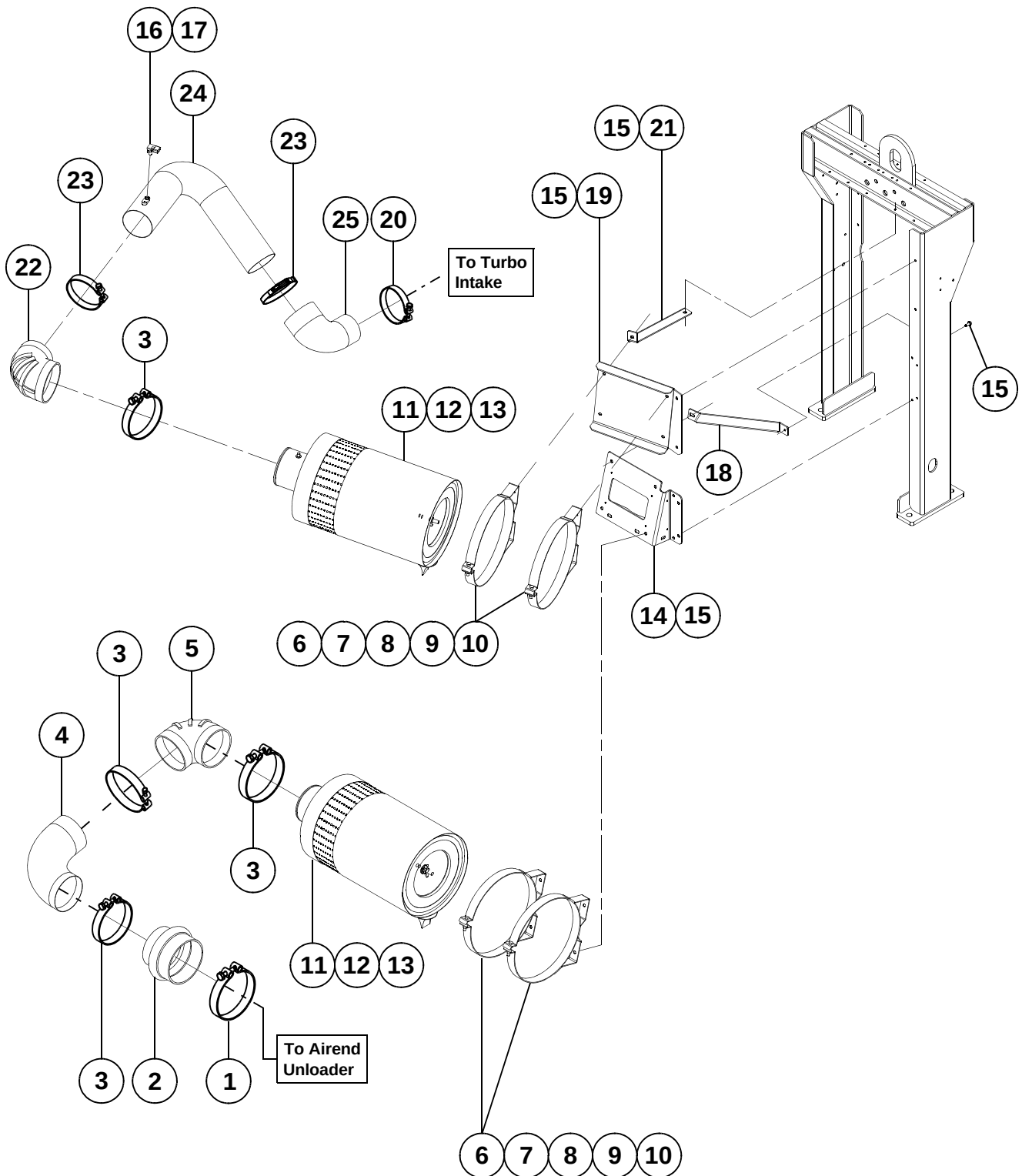
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35305648	Elbow, 90° Swivel Nut -10 JIC	2	
2	35287911	Elbow, 90° Swivel Nut -8 JIC	1	
3	35286541	Hose Assembly, -8 JIC X 68"	1	
4	35325083	Hose Assembly, -10 JIC X 34"	1	
5	35288141	Hose Assembly, -10 JIC X 43"	1	
6	46557078	Elbow, 90° M14 - 1.5 w/ O-Ring X -10 JIC	2	
7	36880995	Screw, Hex Flange M10 - 1.5 X 30	2	
8	46554959	Element, Fuel/Water Separator Filter	1	
9	36879195	Nut, Hex Flange M10 - 1.5	2	

Fuel Vent Piping



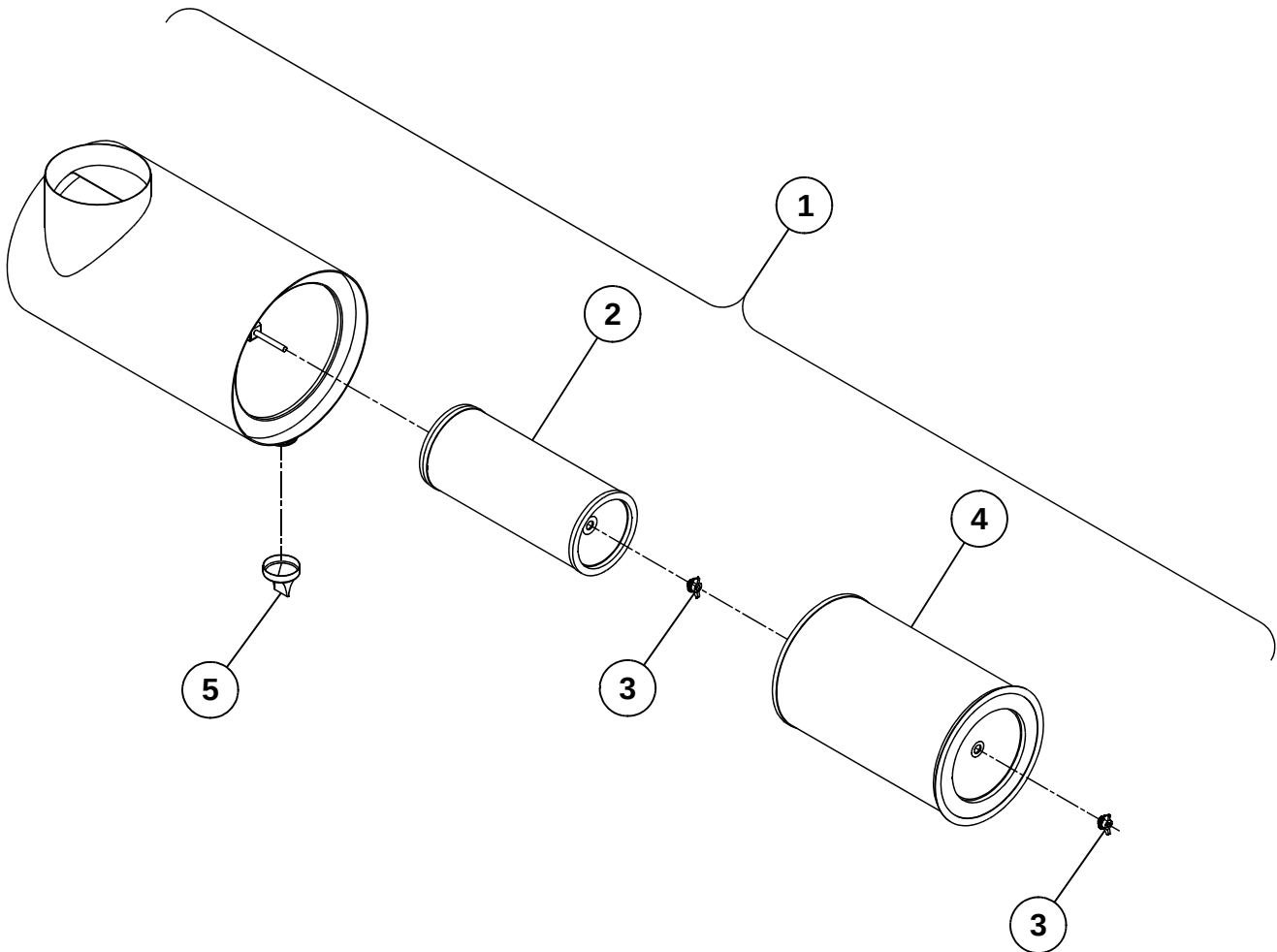
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35289578	Hose Assembly, -6 JIC X 69"	1	
2	35279025	Screw, Tapping M08 - 1.25 X 20	1	
3	35225077	Clamp, Support 11/16" ID	2	
4	35287143	Connector, 1/4" NPT X -6 JIC	2	
5	35322395	Silencer, Pneumatic 1/4" NPT	2	
6	35283068	Elbow, 90° Swivel Nut -6 JIC	1	
7	35284504	Hose Assembly, -6 JIC X 26"	1	

Air Intake



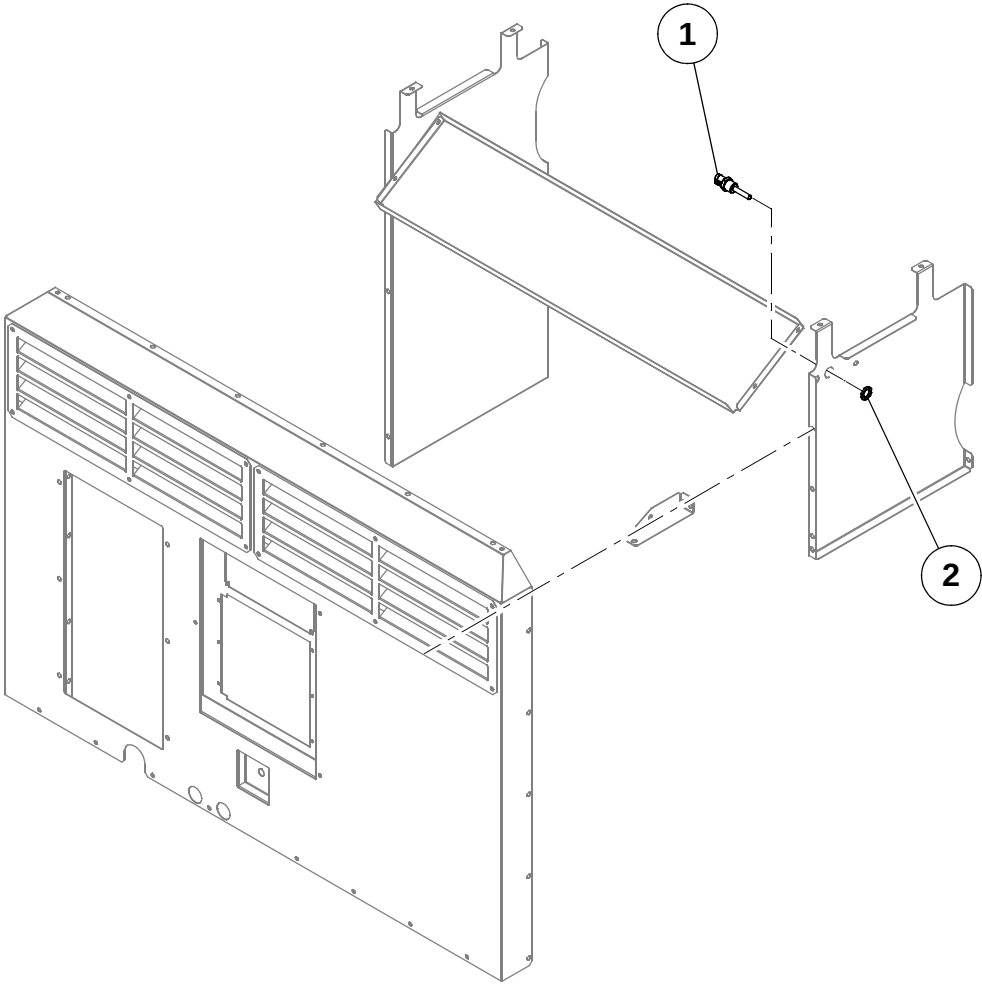
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35119858	Clamp, T-Bolt 7-3/4" ID	1	
2	35112333	Hose, Rubber Hump	1	
3	35116094	Clamp, T-Bolt 6-1/2" ID	4	
4	22283238	Tube, Airend Air Inlet	1	
5	35117605	Elbow, 90° Rubber 6"	1	
6	35863638	Clamp, Air Filter 14" ID	4	
7	95935128	Screw, Hex 3/8" - 16 X 2"	4	
8	95923322	Nut, Locking 3/8" - 16	4	
9	36880995	Screw, Hex Flange M10 - 1.5 X 30	8	
10	36879195	Nut, Hex Flange M10 - 1.5	8	
11	36866242	Air Cleaner Assembly	2	
12	95935599	Coupling, 1/8" NPT X 3/4"	2	
13	36847838	Switch, Vacuum	2	
14	46562420	Bracket, Airend Air Intake	1	
15	35279025	Screw, Tapping M08 - 1.25 X 20	8	
16	46566779	Sensor, Pressure and Temperature	1	
17	95942553	Screw, Pan Head #8 - 32 X 5/8"	1	
18	46565420	Stiffener, Airend Air Intake	1	
19	22271738	Support, Engine Air Cleaner	1	
20	36897668	Clamp, T-Bolt 4-1/2" ID	1	
21	46565419	Stiffener, Engine Air Intake	1	
22	22285787	Elbow, 90° Reducing 6" X 5"	1	
23	35161025	Clamp, T-Bolt 5-1/2" ID	2	
24	46562381	Tube, Engine Air Inlet 5"	1	
25	35274703	Elbow, 90° Reducing 5" X 4"	1	

Air Filter



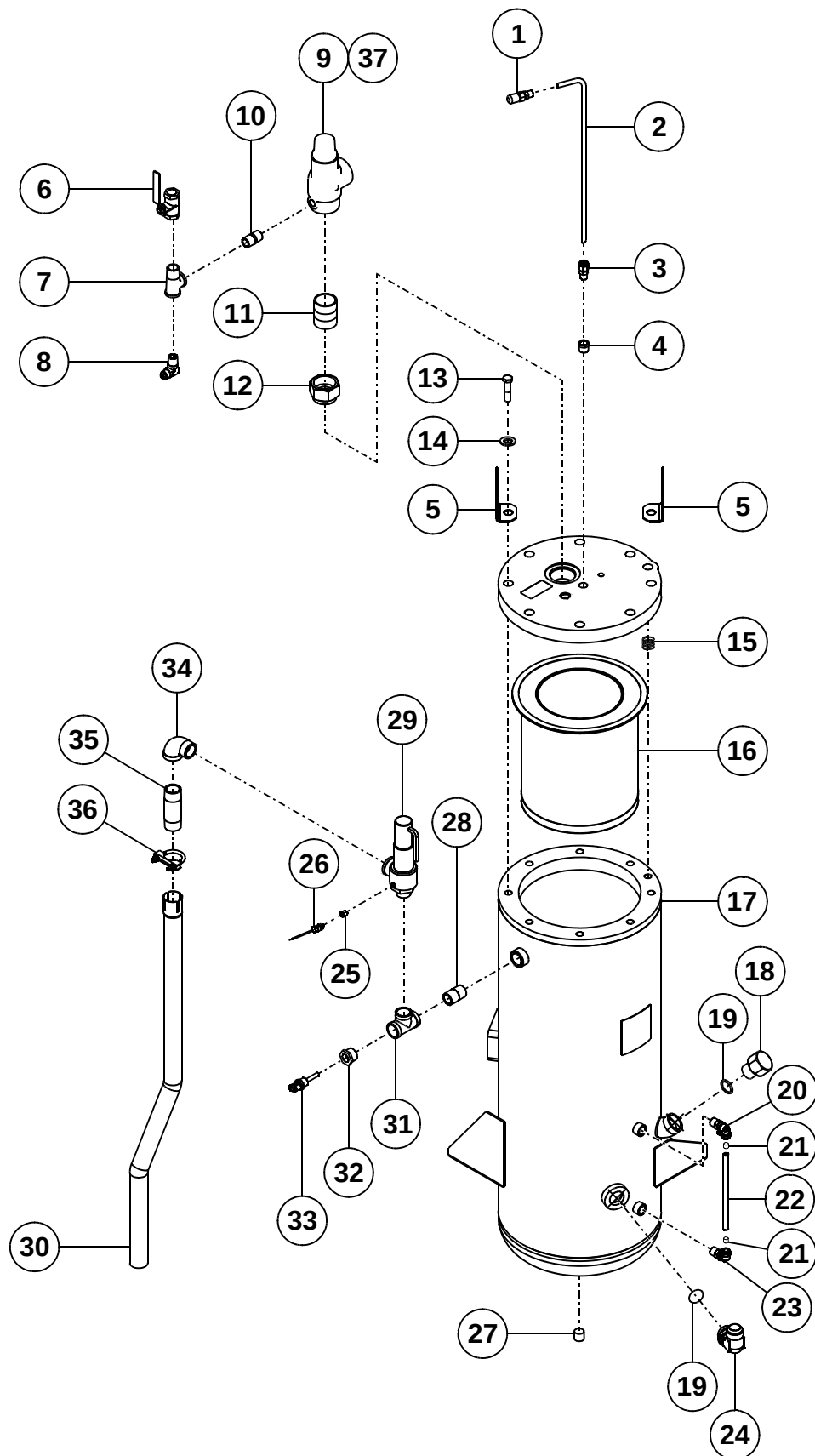
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36866242	Air Cleaner Assembly	1	
2	36876019	Element, Safety	1	
3	36867794	Nut, Wing	2	
4	36867786	Element, Primary	1	
5	36867778	Ejector, Dust	1	

Ambient Air Sensor



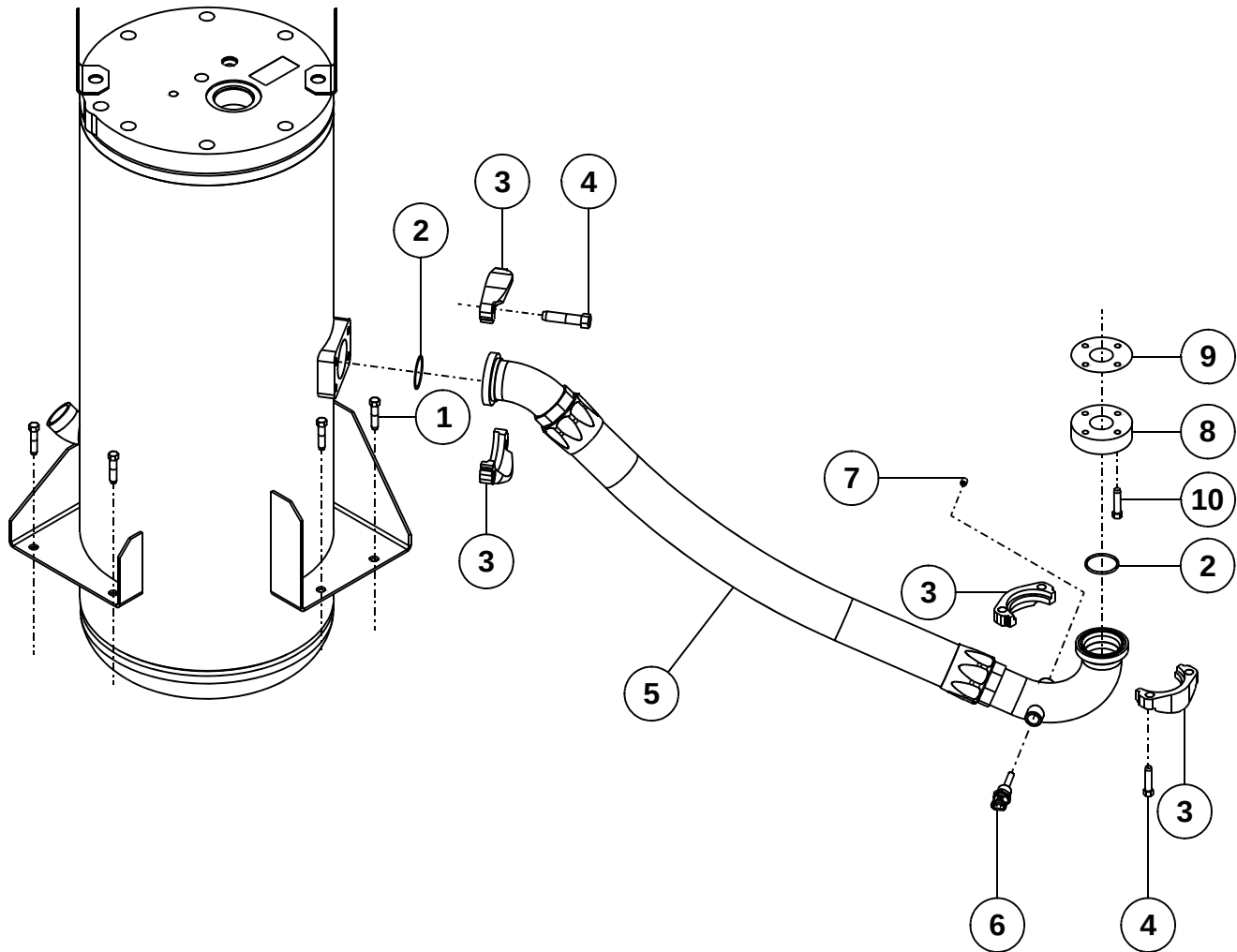
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	23294838	Sensor, Temperature 1/2" NPT	1	
2	36853505	Locknut, 1/2" NPT	1	

Separator Tank Piping



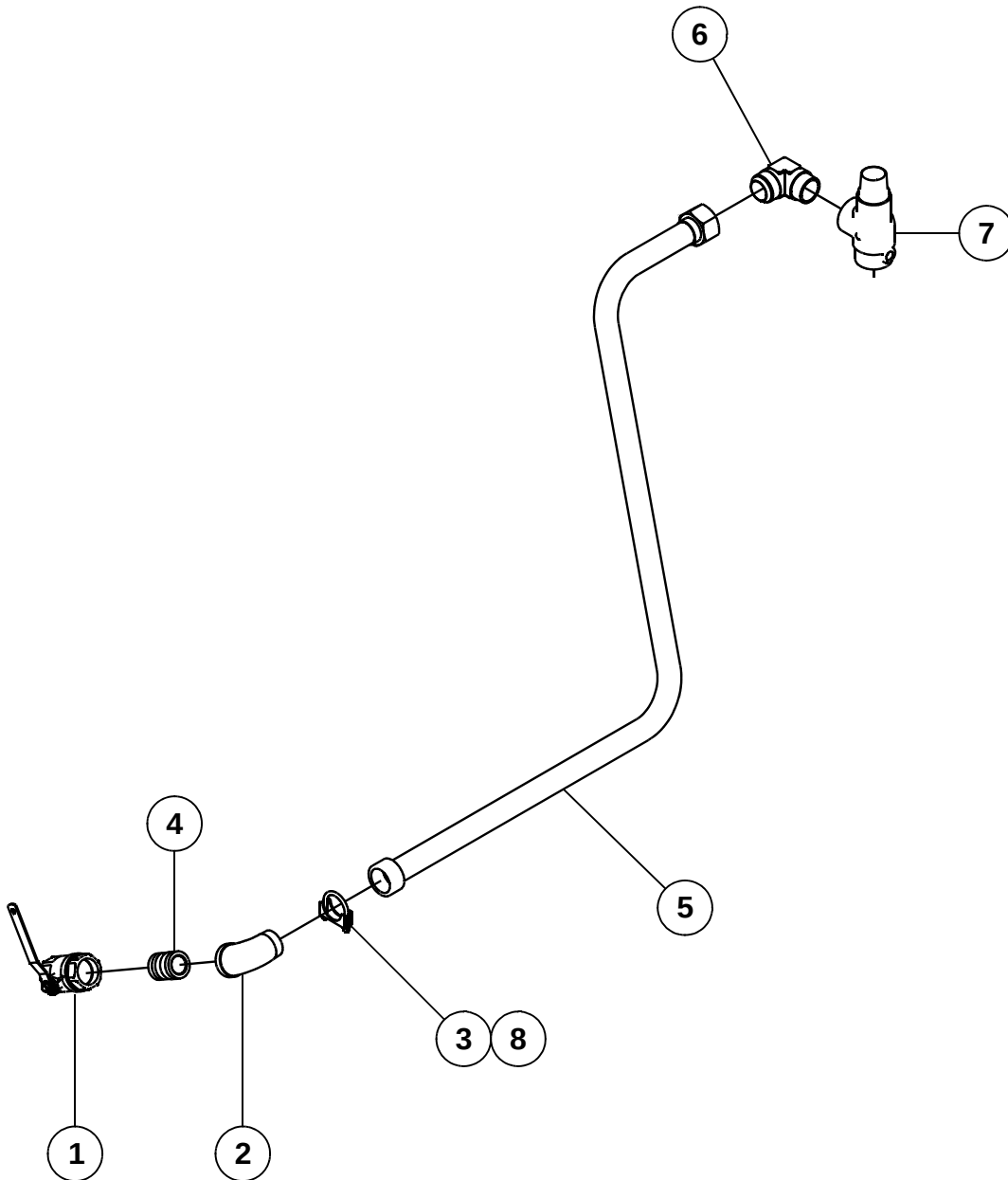
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36840411	Valve, Check w/ Orifice 0.25"	1	
2	36794147	Tube, Scavenge	1	
3	35329309	Fitting, 3/8" NPT X 3/8" Tube	1	
4	95953956	Bushing, Reducing 3/4" NPT X 3/8" NPT	1	
5	22326763	Bracket, Lift	2	
6	35581792	Valve, Ball 1/2" NPT	1	
7	95944708	Tee, Street 1/2" NPT	1	
8	35309210	Elbow, 90° 1/2" NPT X -8 JIC	1	
9	22217848	Valve, Minimum Pressure Check	1	
10	95934279	Nipple, Pipe 1/2" NPT	1	
11	95953790	Nipple, Pipe 2" NPT	1	
12	95944641	Adapter, 2-1/2" - 12 X 2" NPT	1	
13	96721162	Screw, Hex M20 - 2.5 X 70	9	
14	95935011	Washer, Flat 3/4" ID	9	
15	35602325	Spring, Compression 1-7/32" OD	1	
16	22291280	Element, Separator	1	
17	22188205	Tank, Separator	1	
18	35579630	Plug, Hex w/ O-Ring 1-5/8" - 12	1	
19	35279942	O-Ring, 1-1/2" ID	AR	
20	22685481	Elbow, 90° 1/2" - 14 NPT X 1/2" Tube	1	
21	22685507	Insert, Tube 1/4"	2	
22	22685531	Gauge, Sight Tube	1	
23	22685499	Elbow, 90° 1/2" - 14 X 1/2" Tube	1	
24	35279777	Elbow, 90° 1-5/8" - 12 X -20 JIC	1	
25	95930301	Bushing, Reducing 1/4" NPT X 1/8" NPT	1	
26	46568519	Switch, Pressure 12 PSI	1	
27	95280541	Plug, Hex w/ O-Ring 1" - 12	1	
28	95951422	Nipple, Pipe 1" NPT	1	
29	39227541	Valve, Safety	1	
30	46554723	Pipe, Safety Valve	1	
31	95954228	Tee, 1" NPT	1	
32	95940060	Bushing, Reducing 1" NPT X 1/2" NPT	1	
33	23294838	Sensor, Temperature 1/2" NPT	1	
34	95944104	Elbow, 90° Street 1-1/4" NPT	1	
35	95953758	Nipple, Pipe 1-1/4" NPT	1	
36	35261155	Clamp, Muffler 1-3/4" ID	1	
37	22218622	Minimum Pressure Service Valve Kit	AR	

Separator Tank Mount



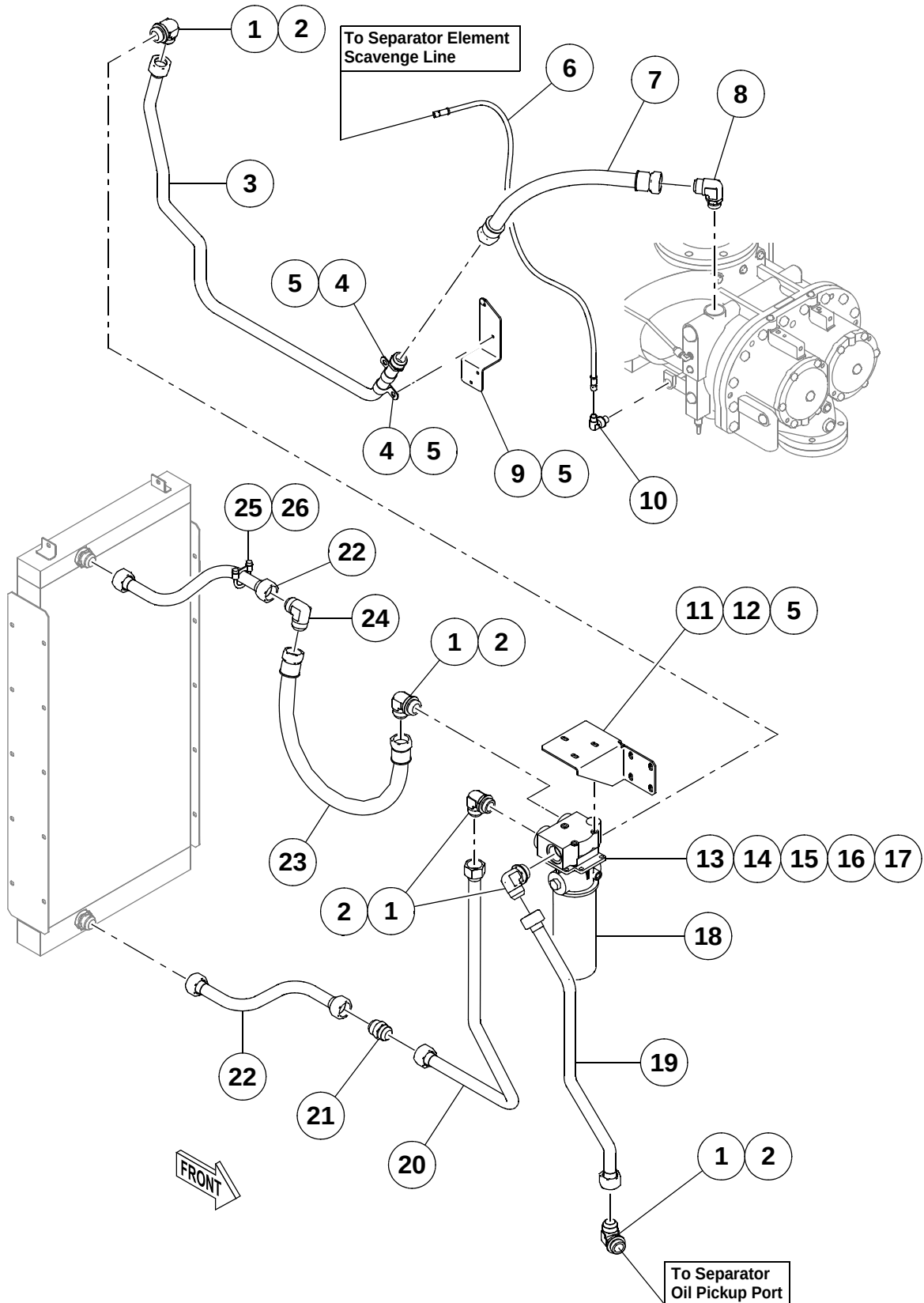
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36879492	Screw, Hex Flange M12 - 1.75 X 25	4	
2	36866028	O-Ring, 2-7/8" ID	2	
3	36866010	Flange, Split	4	
4	96702329	Screw, Hex M12 - 1.75 X 35	8	
5	22176572	Hose Assembly, Discharge	1	
6	23294838	Sensor, Temperature 1/2" NPT	1	
7	95928255	Plug, Hex Socket 1/2" NPT	1	
8	36898500	Adapter, Flange	1	
9	36898492	Gasket, Discharge Flange	1	
10	96703962	Screw, Hex M16 - 2.0 X 50	4	

Service Air Piping



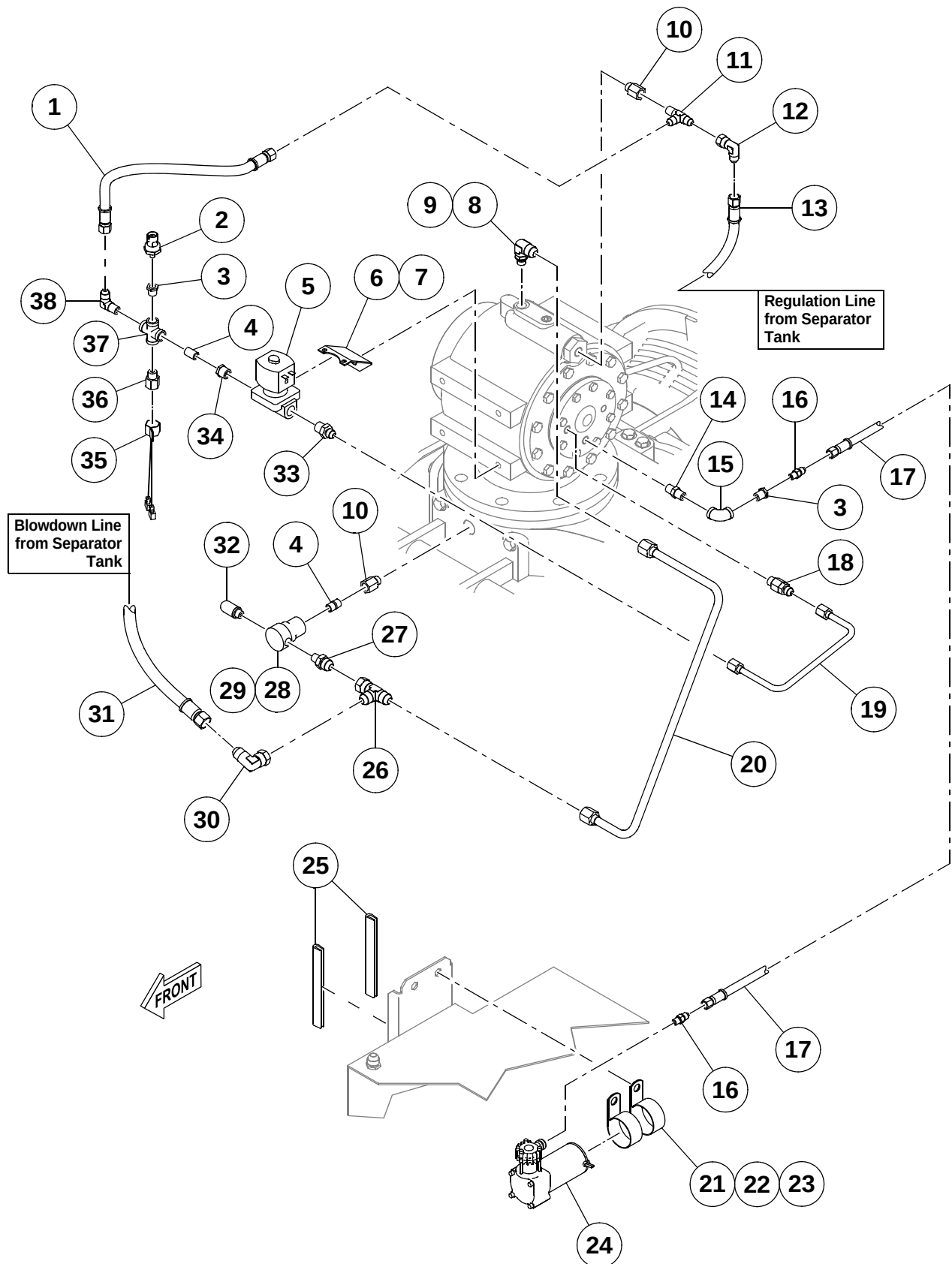
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35602473	Valve, Ball 2" NPT	1	
2	95944674	Elbow, 90° Street 2" NPT	1	
3	35192178	Clamp Assembly, Saddle 2" ID	1	
4	95953790	Nipple, Pipe 2" NPT	1	
5	22223846	Tube, Service Air	1	
6	36786127	Elbow, 90° 2" NPT X -32 JIC	1	
7	22217848	Valve, Minimum Pressure Check	1	
8	95934998	Washer, Flat 5/16" ID	2	

Oil Piping



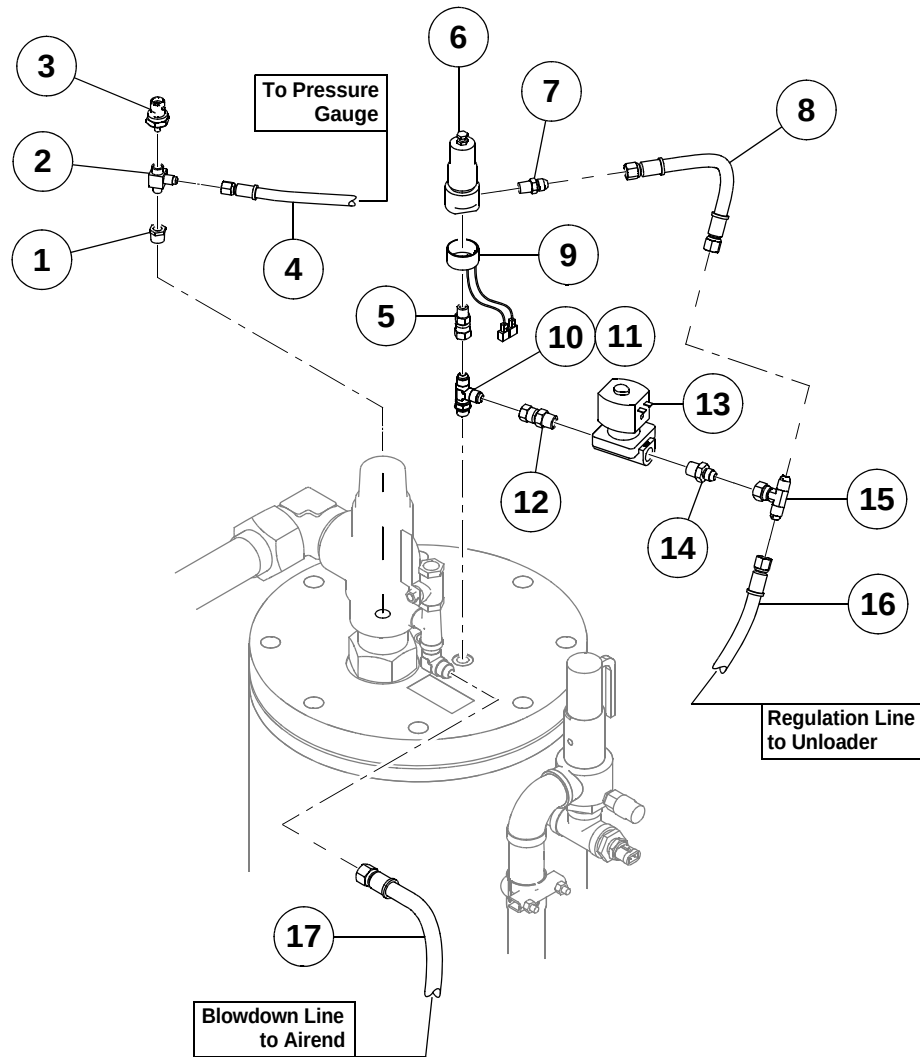
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35279777	Elbow, 90° 1-5/8" - 12 X -20 JIC	5	
2	35279942	O-Ring, 1-1/2" ID	5	
3	46555989	Tube Assembly, Oil Temperature Bypass Valve	1	
4	35119395	Clamp, Support 1-5/16" ID	2	
5	35279025	Screw, Tapping M08 - 1.25 X 20	9	
6	35291269	Hose Assembly, -4 JIC X 60"	1	
7	35228170	Hose Assembly, -20 JIC X 27-1/4"	1	
8	39476973	Elbow, 90° 1-5/16" - 12 X -20 JIC	1	
9	46555995	Bracket, Oil Tube	1	
10	95365094	Elbow, 90° 9/16" - 18 X -4 JIC	1	
11	22213037	Bracket, Oil Temperature Bypass Valve	1	
12	96701479	Screw, Hex M10 - 1.5 X 16	3	
13	36871689	Valve, Oil Temperature Bypass	1	
14	95938965	Plug, Hex w/ O-Ring 7/16" - 20	1	
15	35388024	Repair Kit, Relief Valve	1	Not Shown
16	35388032	Repair Kit, Thermostat Element	1	Not Shown
17	35388040	Repair Kit, O-Ring	1	Not Shown
18	36897346	Element, Oil Filter	1	
19	46554718	Tube Assembly, Separator Tank	1	
20	46554700	Tube Assembly, Oil Temperature Bypass Valve	1	
21	95469052	Fitting, Union -20 JIC	1	
22	46554182	Tube Assembly, Cooling Package	2	
23	35117480	Hose Assembly, -20 JIC X 33.0"	1	
24	96951272	Elbow, 90° -20 JIC	1	
25	36785277	Clamp Assembly, Saddle 1-5/8" ID	1	
26	95934998	Washer, Flat 5/16" ID	2	

Regulation Piping - Airend



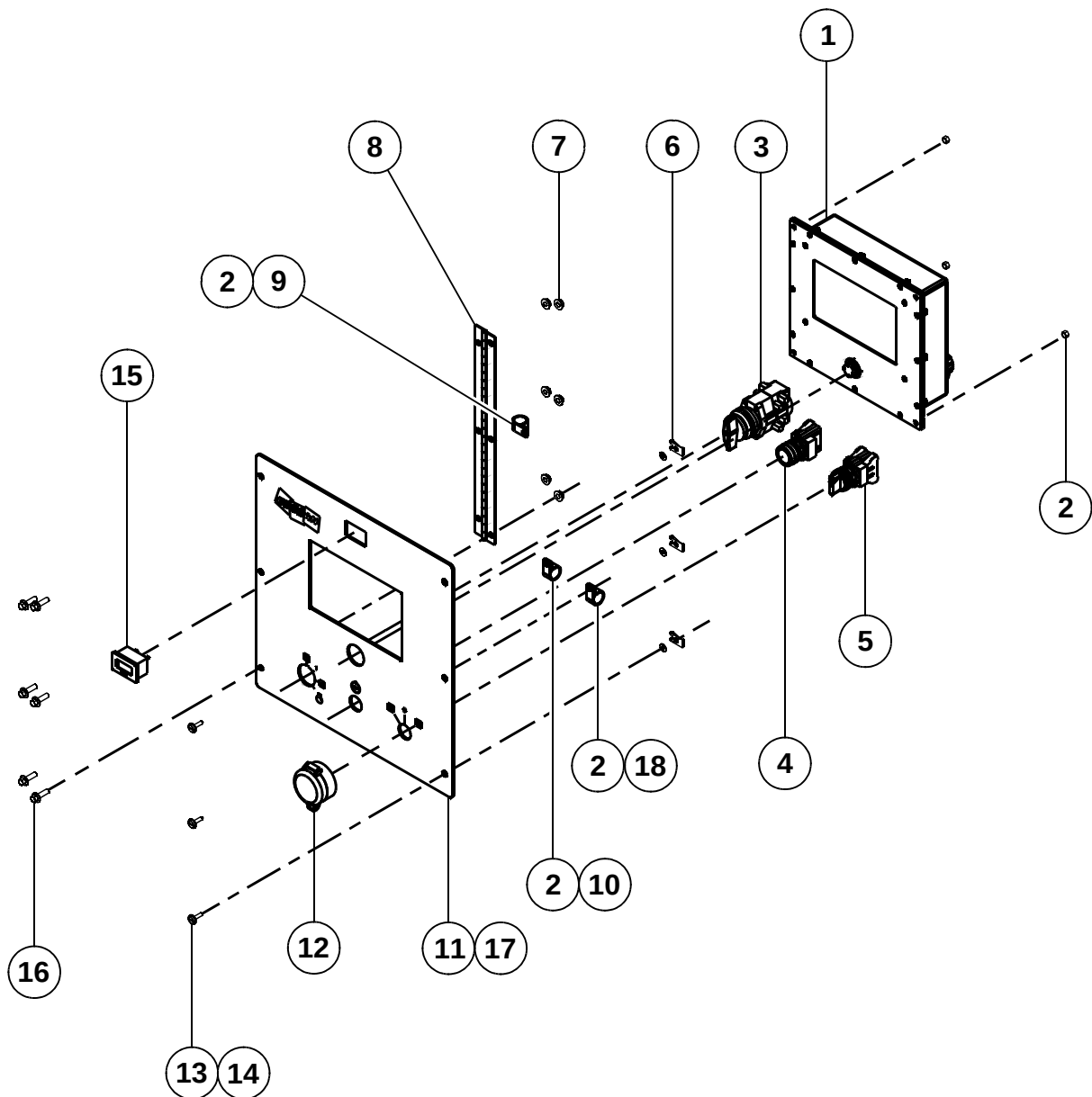
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35283282	Hose Assembly, -6 JIC X 18"	1	Measured in Inches
2	36920825	Transducer, Pressure 100 PSI	1	
3	95930301	Bushing, Reducing 1/4" NPT X 1/8" NPT	2	
4	95944575	Nipple, Pipe 1/4" NPT X 7/8"	2	
5	36881944	Valve, Solenoid	1	
6	36841658	Bracket, Solenoid / Unloader	1	
7	96719869	Screw, Hex M12 - 1.75 X 20	1	
8	35287937	Elbow, 90° 9/16" - 18 w/ O-Ring X -8 JIC	1	
9	35278571	O-Ring, 1/2" ID	1	
10	35302314	Adapter, 9/16" - 18 X 1/4" NPT	2	
11	35283050	Tee, Swivel Run 1/4" NPT X -6 JIC	1	
12	35283068	Elbow, 90° Swivel Nut -6 JIC	1	
13	35284538	Hose Assembly, -6 JIC X 82"	1	
14	35248145	Valve, Check 1/4" NPT	1	
15	95954095	Elbow, 90° 1/4" NPT	1	
16	95287629	Connector, Tube 1/8" NPT X -4 JIC	2	
17	35358662	Hose Assembly, -4 JIC X 19"	1	
18	36840460	Valve, Relief / Check 0.040" Orifice	1	
19	36867554	Tube, Unloader -6 JIC	1	
20	35857176	Tube, Blowdown, -8 JIC	1	
21	35119718	Clamp, Support 2" ID	2	
22	36895746	Nutsert, Hex M08	2	
23	36889608	Screw, Hex Flange M08 - 1.25 X 25	2	
24	46576919	Compressor, Electric 24 VDC	1	
25	54627617	Guard, Door Edge	12	
26	35287929	Tee, Swivel Run -8 JIC X -8 JIC	1	Not Shown
27	35283134	Connector, 1/4" NPT X -8 JIC	1	
28	35322379	Valve, Blowdown	1	
29	35379064	Repair Kit, Diaphragm	1	
30	35287911	Elbow, 90° Swivel Nut -8 JIC	1	
31	35286541	Hose Assembly, -8 JIC X 68"	1	
32	35322395	Silencer, Pneumatic 1/4" NPT	1	
33	35290147	Connector, 3/8" NPT X -6 JIC	1	
34	95940748	Bushing, Reducing 3/8" NPT X 1/4" NPT	1	
35	36841526	Heater, Hex 3/4"	1	
36	35322346	Fitting, Orifice 0.156"	1	
37	95954293	Cross, Pipe 1/4" NPT	1	
38	35279934	Elbow, 90° 1/4" NPT X -6 JIC	1	

Regulation Piping - Separator Tank



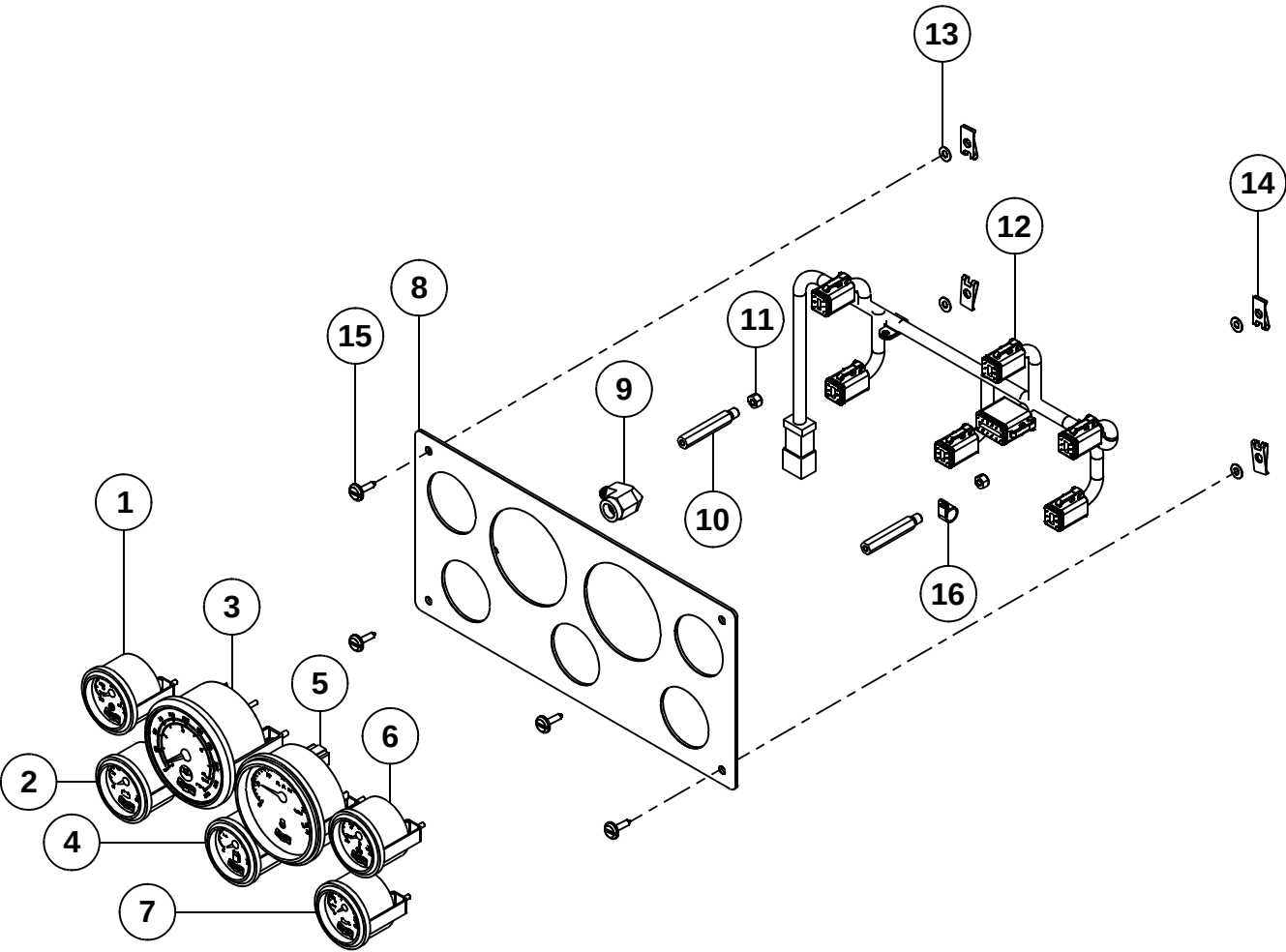
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	95953899	Bushing, Reducing 3/8" NPT X 1/8" NPT	1	
2	35326503	Tee, 1/8" NPT X -4 JIC	1	
3	54496773	Transducer, Pressure 0 - 225 PSI	1	
4	36920650	Hose Assembly, -4 JIC X 104"	1	
5	35367846	Connector, 1/4" NPT X -6 JIC	1	
6	36896892	Valve, Pressure Regulator 200 PSI	1	
7	35284082	Connector, 1/4" NPT X -6 JIC	1	
8	35282953	Hose Assembly, -6 JIC X 11"	1	
9	36854677	Heater, 24 VDC Regulator	1	
10	35279850	Tee, Swivel Run 9/16" - 18 X -6 JIC	1	
11	35278571	O-Ring, 1/2" ID	1	
12	35368927	Connector, 3/8" NPT X -6 JIC	1	
13	36840841	Valve, Solenoid	1	
14	35290147	Connector, 3/8" NPT X -6 JIC	1	
15	35283092	Tee, Branch Swivel Nut -6 JIC	1	
16	35284538	Hose Assembly, -6 JIC X 82"	1	
17	35286541	Hose Assembly, -8 JIC X 68"	1	

Control Panel



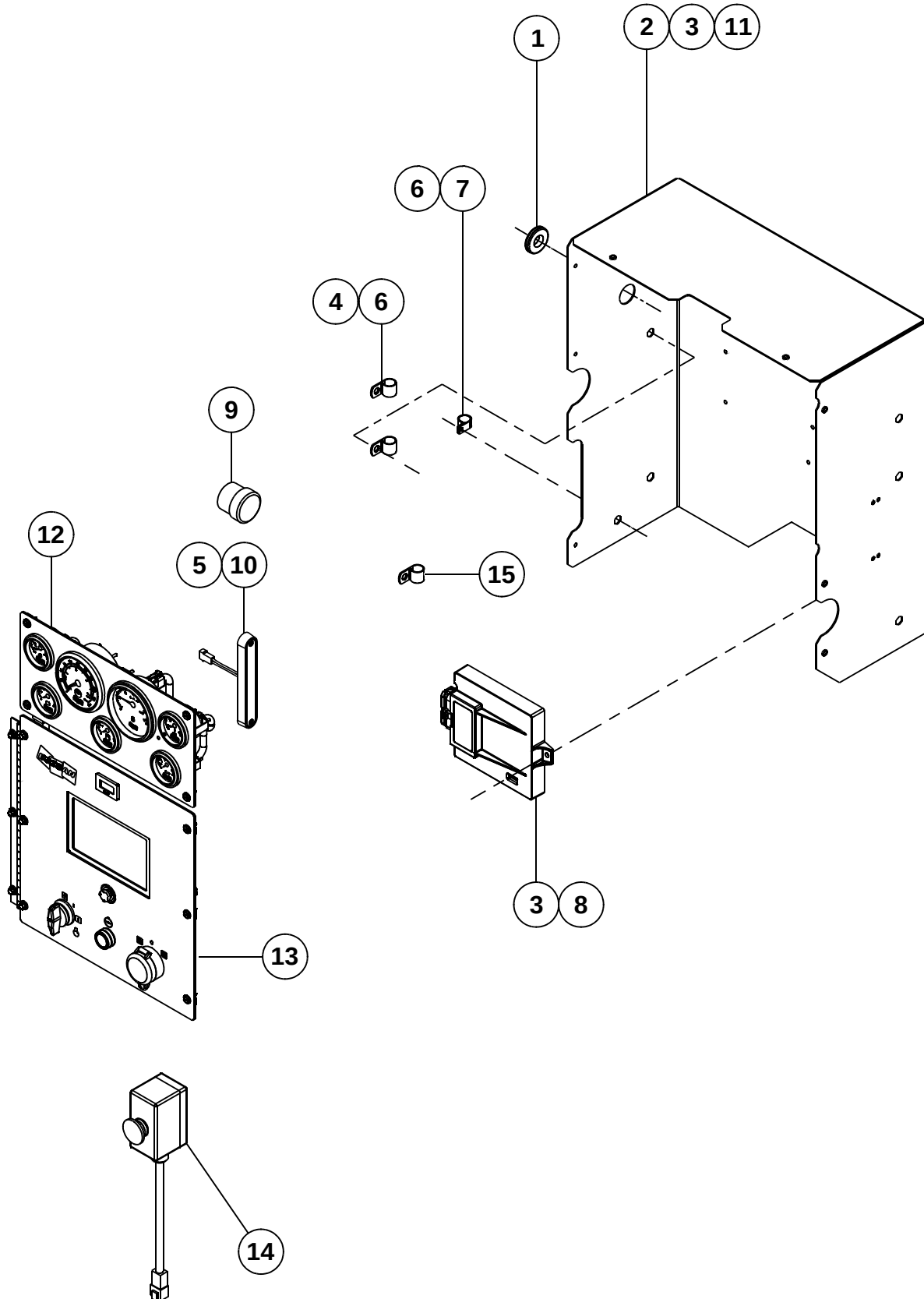
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46594821	Display, Viewport	1	Field Replacement Assy.
2	95928800	Nut, Locking #10 - 32	8	
3	46559025	Switch, Main Control	1	
4	46559026	Button, Service Air	1	
5	46556142	Switch, Regeneration Control	1	
6	35256452	Receptacle, Quarter-Turn Clip-on	3	
7	36898104	Nut, Hex Flange M06 - 1.0	6	
8	36845725	Hinge, Instrument / Control Panel	1	
9	46564985	Clamp, Cable 3/8" ID	2	
10	46564986	Clamp, Cable 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, Stud	3	
15	46557109	Gauge, Hourmeter	1	
16	96738844	Screw, Hex Socket M06 - 1.0 X 20	6	
17	46567799	Harness, Control Panel	1	
18	46564984	Clamp, Cable 5/16" ID	1	

Gauge Panel



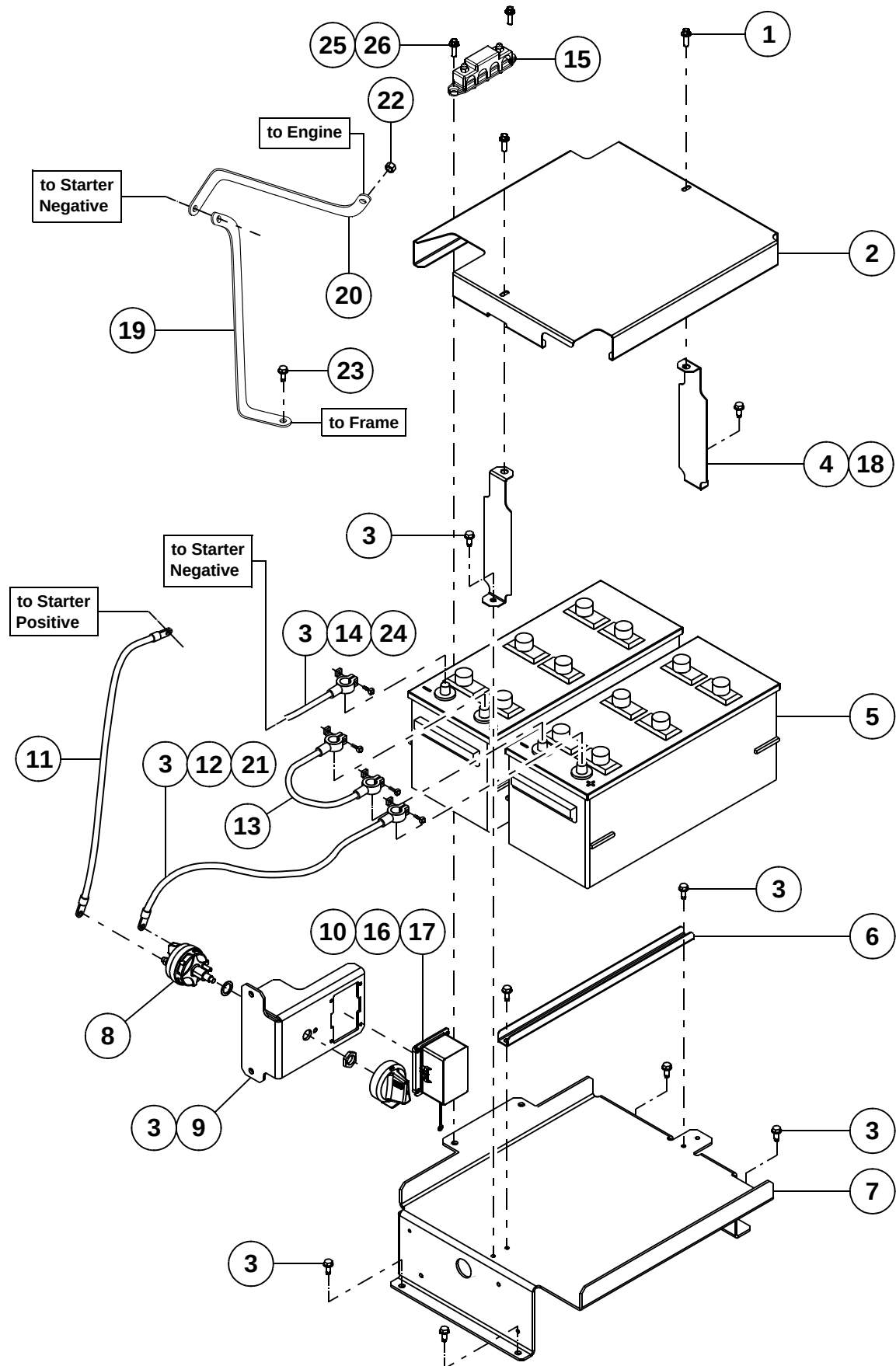
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46558806	Gauge, Airend Discharge Temperature	1	
2	46558805	Gauge, Voltmeter	1	
3	46558799	Gauge, Pressure 0 - 250 PSI	1	
4	46565479	Gauge, Fuel Level	1	
5	46558802	Gauge, Tachometer	1	
6	46558804	Gauge, Engine Coolant Temperature	1	
7	46558803	Gauge, Engine Oil Pressure	1	
8	46567499	Plate, Gauge Panel	1	
9	95293353	Elbow, 90° 1/4" FNPT X -4JIC	1	
10	46569259	Standoff, Male-Female 3/8" Hex X #10 - 32	2	
11	95928800	Nut, Hex #10 - 32	2	
12	46560942	Harness, Gauge Panel	1	
13	35256445	Retainer, Stud	4	
14	35256452	Receptacle, Quarter-Turn Clip-on	4	
15	35256429	Stud, Quarter-Turn Slotted	4	
16	46564985	Clamp, Cable 3/8" ID	2	

Operator Panel Mount



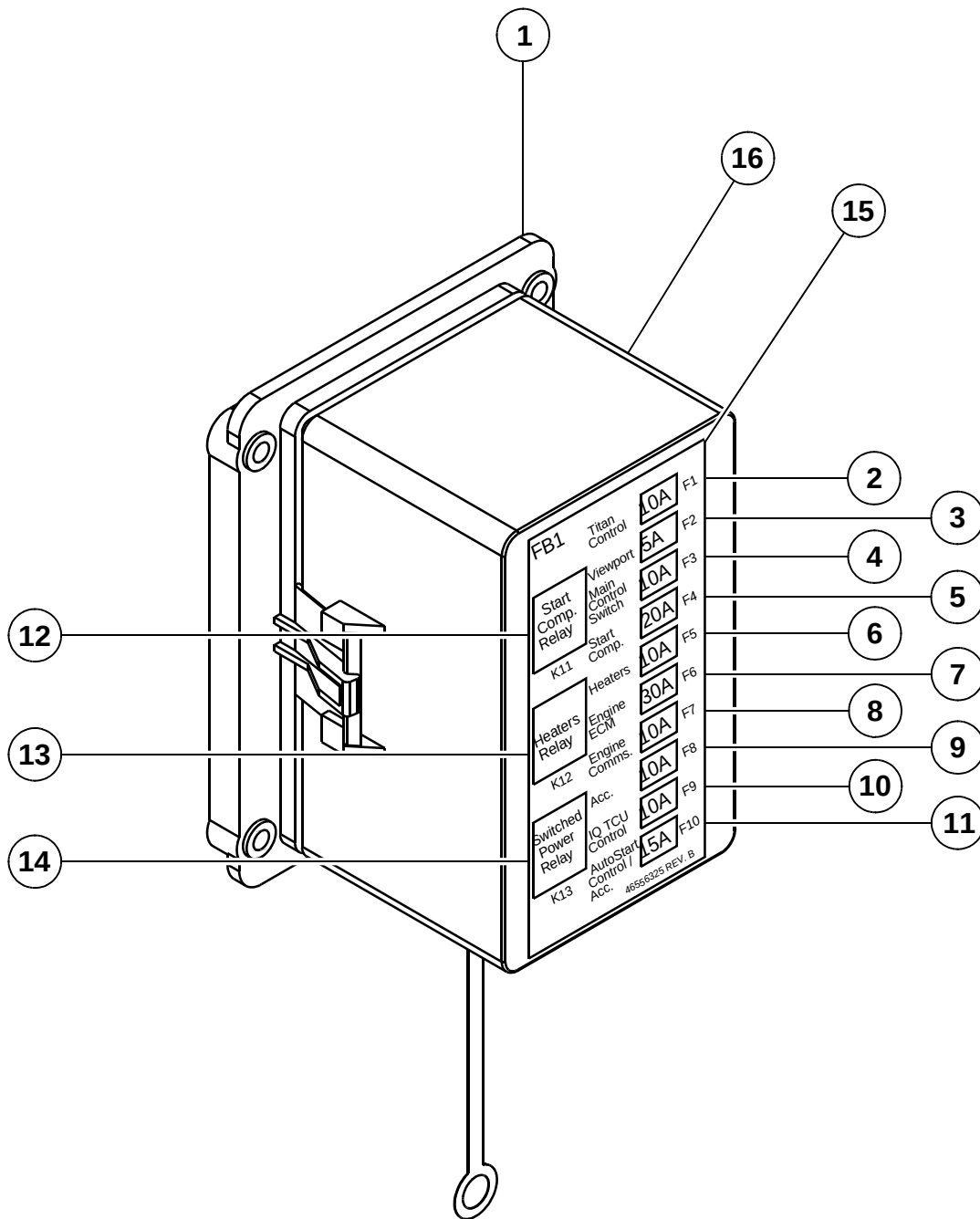
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35285162	Grommet, 3/4" ID	1	Less Pressure Gauge
2	46568881	Cover, Instrument Panel Rear	1	
3	36797652	Screw, Tapping M06 - 1.0 X 12	11	
4	35225085	Clamp, Support 15/16" ID	2	
5	46582799	Lamp, Panel LED	1	
6	35279025	Screw, Hex Tapping M08 - 1.25 X 20	4	
7	35253038	Clamp, Support 3/8" ID	1	
8	46551938	Controller, Titan	1	
9	22312599	Plug, Hole 22 mm	1	
10	22068282	Screw, Tapping M04 X 25	2	
11	36895746	Nutsert, Hex M08	4	
12	46564983	Gauge Panel Assembly	1	
13	46564981	Control Panel Assembly	1	
14	23281017	Switch Assembly, Emergency Stop	1	
15	35119395	Clamp, Support, 1-5/16" ID	1	

Batteries, Fuse Block and Disconnect



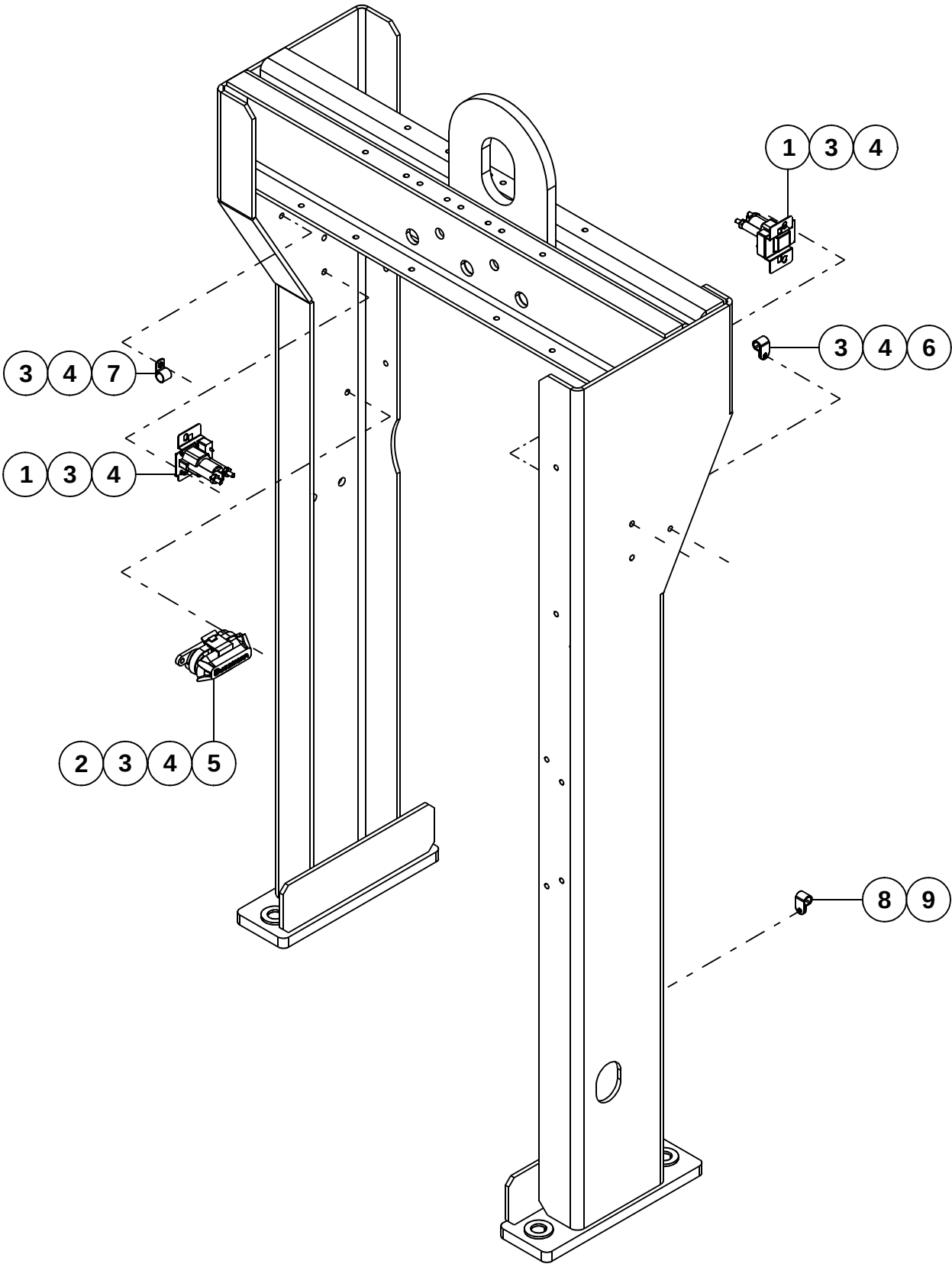
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36889608	Screw, Hex Flange M08 - 1.25 X 25	2	
2	46554142	Tray, Battery Top	1	
3	35279025	Screw, Tapping M08 - 1.25 X 20	13	
4	22666382	Bracket, Battery End	2	
5	36793545	Battery, 12V	2	
6	46554125	Spacer, Battery Brace	1	
7	46552974	Tray, Battery Bottom	1	
8	46556146	Switch, Battery Disconnect	1	
9	46556187	Bracket, Fuse Block and Battery Disconnect	1	
10	46556356	Center, Fuse / Relay	1	
11	46556958	Cable, Battery Positive Stud/Stud 475 mm	1	
12	46556959	Cable, Battery Positive 1400 mm	1	
13	46556961	Cable, Battery Jumper 475 mm	1	
14	46556960	Cable, Battery Negative 1250 mm	1	
15	46567039	Block, Terminal	1	
16	95942595	Screw, Pan Head #10 - 32 X 1/2"	4	
17	95954251	Washer, Flat #10	1	
18	36895746	Nutsert, Hex M08	2	
19	36783488	Strap, Ground 14"	1	
20	23232762	Strap, Ground 30"	1	
21	35225085	Clamp, Support 15/16" ID	2	
22	36881886	Nut, Hex Flange M08 - 1.25	1	
23	35130293	Screw, Tapping 3/8" - 16 X 3/4"	1	
24	35119395	Clamp, Support 1-5/16" ID	1	
25	36898104	Nut, Hex Flange M06 - 1.0	2	
26	36898096	Screw, Hex Flange M06 - 1.0 X 20	2	

Fuse Block and Relay Center



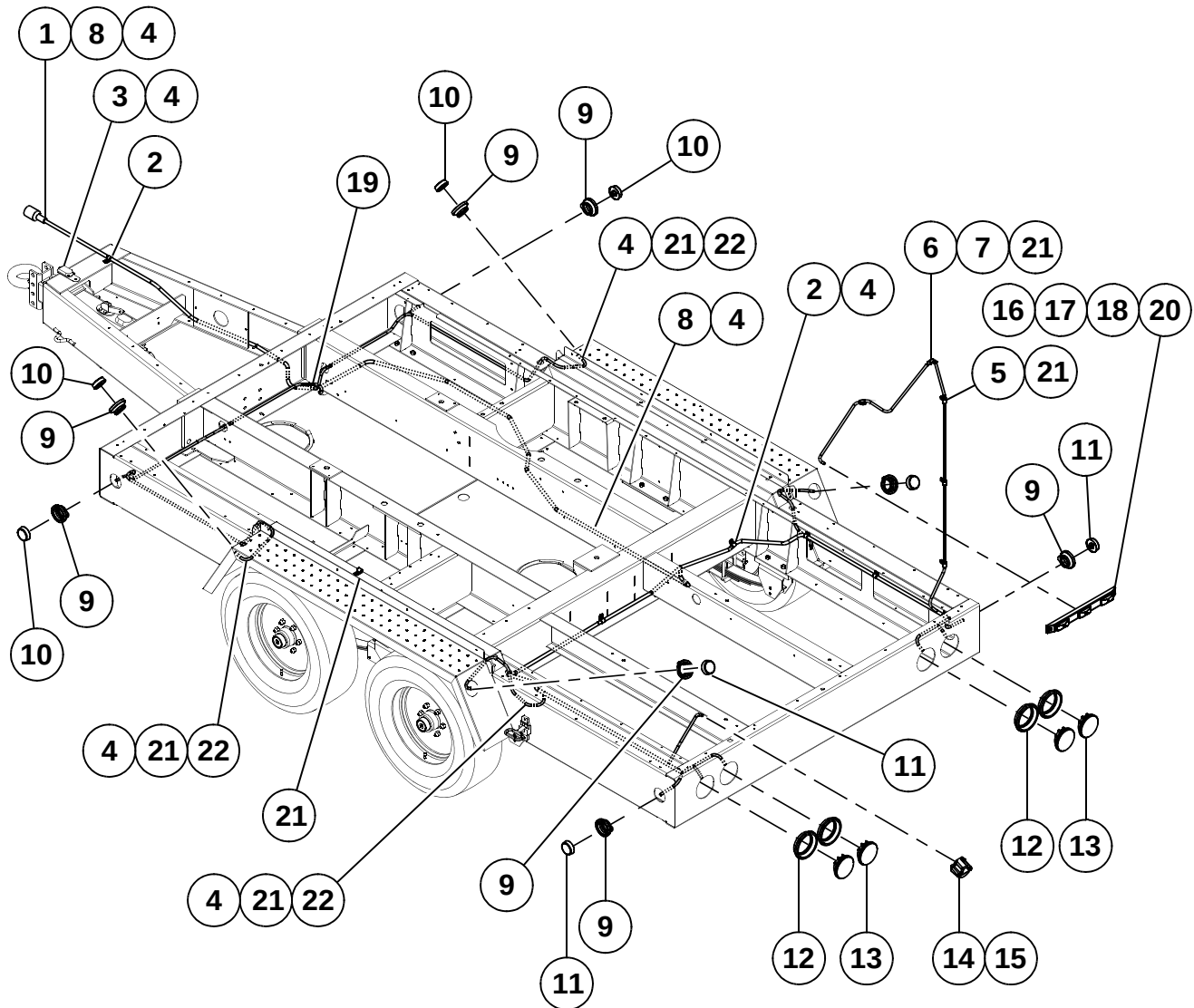
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46556356	Center, Fuse / Relay	1	
2	23091812	Fuse, 10A Mini Blade	1	
3	23326069	Fuse, 5A Mini Blade	1	
4	23091812	Fuse, 10A Mini Blade	1	
5	23091838	Fuse, 20A Mini Blade	1	
6	23091812	Fuse, 10A Mini Blade	1	
7	23091853	Fuse, 30A Mini Blade	1	
8	23091812	Fuse, 10A Mini Blade	1	
9	23091812	Fuse, 10A Mini Blade	1	
10	23091812	Fuse, 10A Mini Blade	1	
11	23091820	Fuse, 15A Mini Blade	1	
12	23316250	Relay, 24VDC	1	
13	23316250	Relay, 24VDC	1	
14	23316250	Relay, 24VDC	1	
15	46556325	Decal, Fuse / Relay Center	1	
16	23366172	Cover, Fuse / Relay Center	1	Replacement Part

Relay and Fuse Block Mount



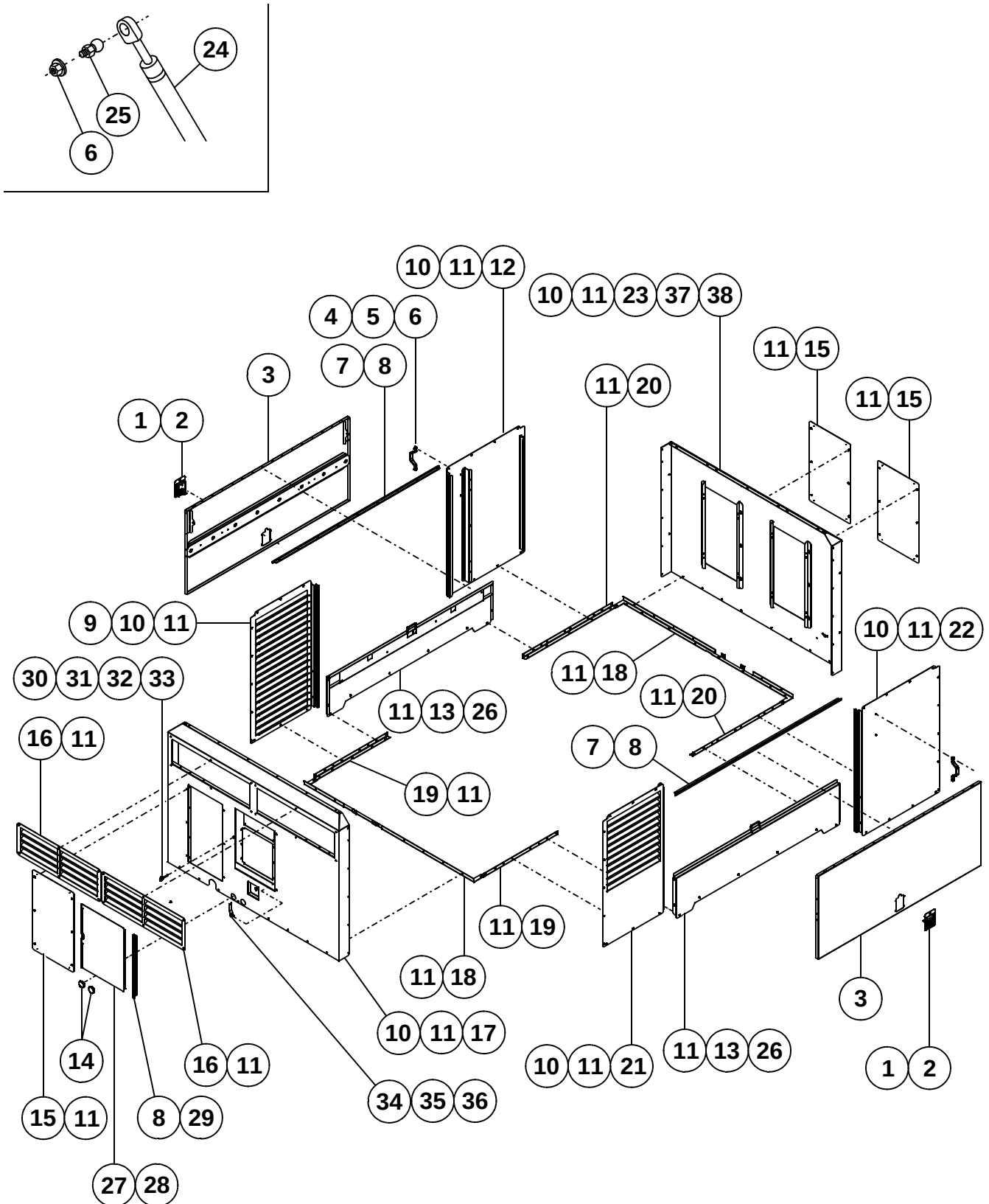
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36853521	Relay, 24V SPST 100A	2	
2	45671534	Holder, Fuse	1	
3	36898096	Screw, Hex Flange M06 - 1.0 X 20	8	
4	36898104	Nut, Hex Flange M06 - 1.0	8	
5	46556477	Fuse, 150 A AMG	1	
6	35225077	Clamp, Support 11/16" ID	1	
7	35253038	Clamp, Support 3/8" ID	1	
8	35222538	Clamp, Support 9/16" ID	1	
9	35279025	Screw, Tapping M08 - 1.25 X 20	1	

Trailer Light Wiring



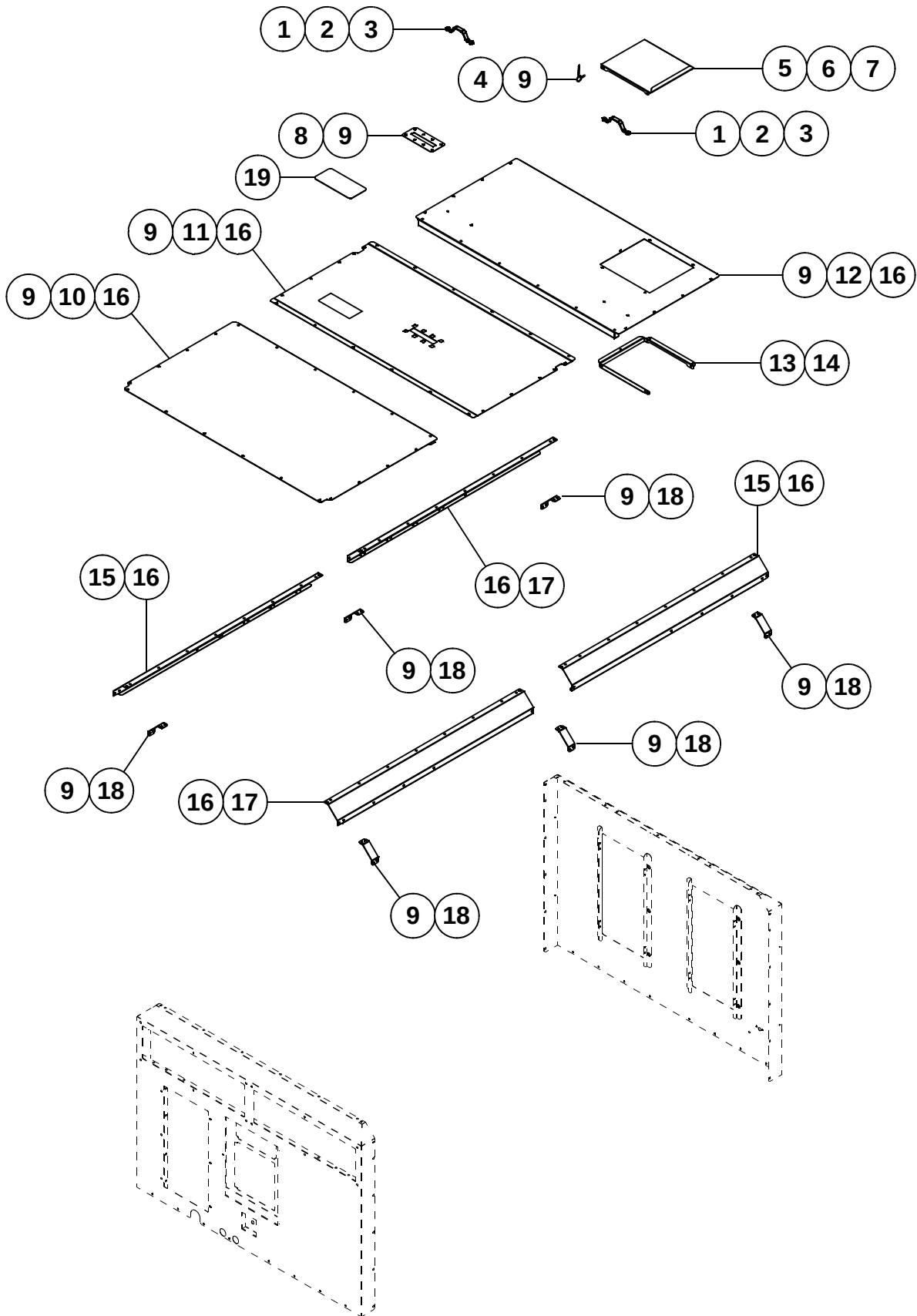
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46556282	Harness, Trailer Lights	1	
2	35222538	Clamp, Support 9/16" ID	11	
3	46554147	Switch, Break-Away	1	
4	35279025	Screw, Hex Tapping M08 - 1.25 X 20	19	
5	36797652	Screw, Tapping M06 - 1.0 X 12	3	
6	36889608	Screw, Hex Flange M08 - 1.25 X 25	2	
7	36881886	Nut, Hex M08 - 1.25	2	
8	35225077	Clamp, Support 11/16" ID	11	
9	36893634	Grommet, Clearance Light	8	
10	35367051	Light, Clearance Yellow	4	
11	35367044	Light, Clearance Red	4	
12	36787968	Grommet, Reflector	4	
13	36788081	Light, Combo	4	
14	36895860	Light, License Plate	1	
15	35300771	Screw, Tapping M06 - 1.0 X 20	2	
16	36922144	Light, Identification	1	
17	95922126	Screw, Slotted Round Head #10 - 24 X 5/8"	2	
18	35265388	Nut, Locking #10 - 24	2	
19	35130293	Screw, Tapping 3/8" - 16 X 3/4"	1	
20	35306141	Connector, Terminal	1	
21	35253038	Clamp, Hose 3/8" ID	11	
22	36895746	Nutsert, Hex M08	4	

Enclosure - Lower



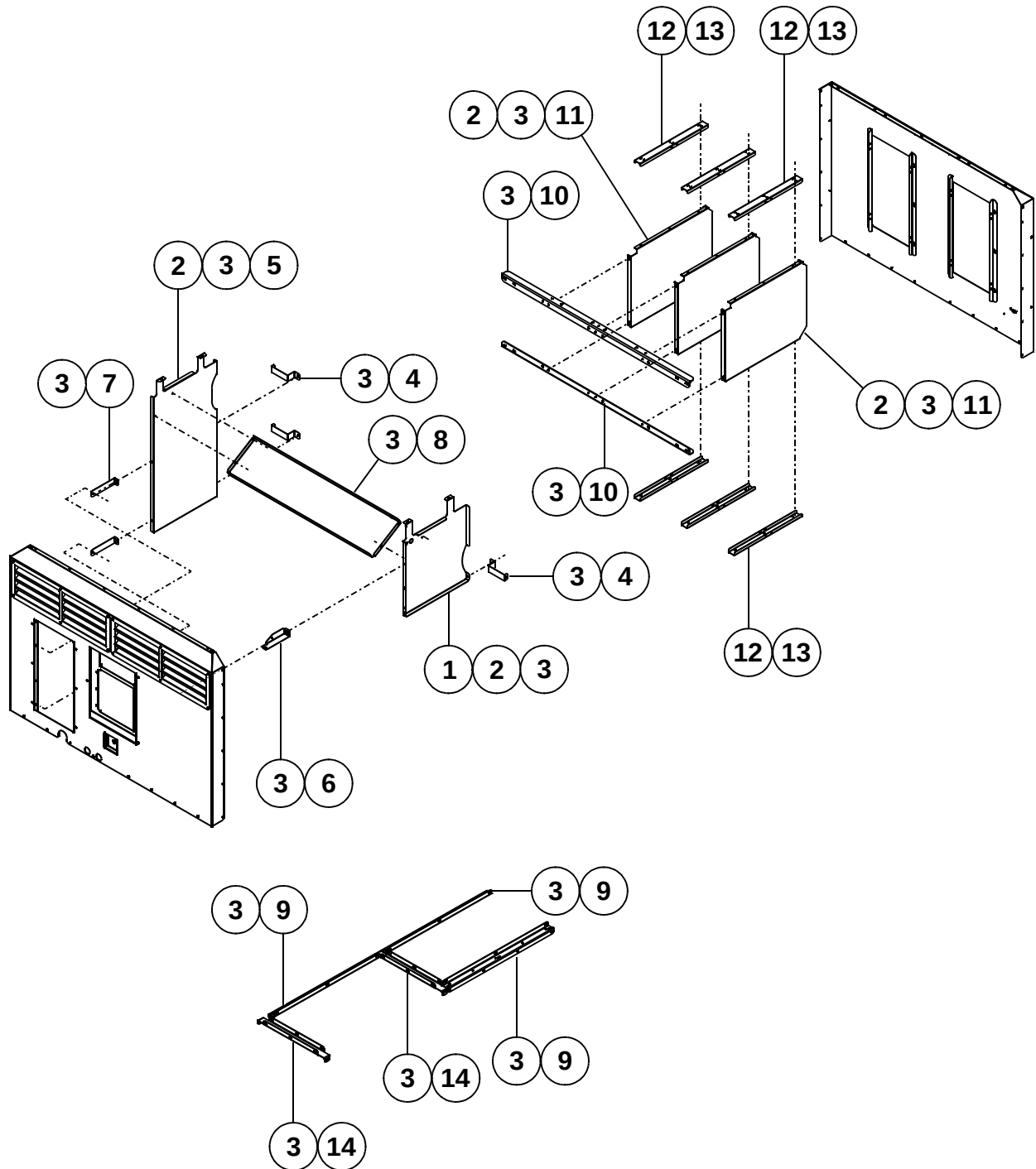
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36793602	Latch, Door	2	Measured in Inches
2	36794816	Rivet, 3/16" Dia.	8	
3	22211171	Door, Side	2	
4	35130707	Hold, Hand	2	
5	36889608	Screw, Hex Flange M08 - 1.25 X 25	4	
6	36881886	Nut, Hex Flange M08 - 1.25	12	
7	92912419	Hinge, Door	2	
8	36797652	Screw, Tapping M06 - 1.0 X 12	43	
9	46557028	Panel, Inlet Front Curbside	1	
10	36895746	Nutsert, Hex M08	70	
11	35279025	Screw, Tapping M08 - 1.25 X 20	154	
12	46557029	Panel, Rear Curbside	1	
13	46557026	Panel, Lower Side	2	
14	35310622	Plug, Hole 2" Dia.	2	
15	46553530	Panel, Access	3	
16	46553529	Panel, Front Louvered	2	
17	46568279	Panel, Front End	1	
18	46553514	Brace, End Panel Angle	2	
19	46557038	Brace, Side Front Angle	2	
20	46557039	Brace, Side Rear Angle	2	
21	46557025	Panel, Inlet Front Streetside	1	
22	46557027	Panel, Rear Streetside	1	
23	46553516	Panel, Rear End	1	
24	36844355	Spring, Gas	4	
25	35337328	Stud, Hex Ball M08	8	
26	22068373	Seal, Door	168	
27	46568879	Door, Control Panel	1	
28	89288484	Bumper / Stop, Rubber	2	
29	46568880	Hinge, Control Panel Door	1	
30	35327303	Bolt, Eye 5/16" - 18	1	
31	95934998	Washer, Flat 5/16" ID	3	
32	35327311	Spring, Door Latch	1	
33	95923314	Nut, Locking 5/16" - 18	1	
34	35603349	Holder, Door	1	
35	95935037	Washer, Flat 3/8" ID	2	
36	35273366	Nut, Locking M10 - 1.5	1	
37	54724117	Grommet, License Plate Mounting	2	
38	54519202	Screw, Slotted Hex Head 1/4" - 10 X 3/4"	2	

Enclosure - Upper



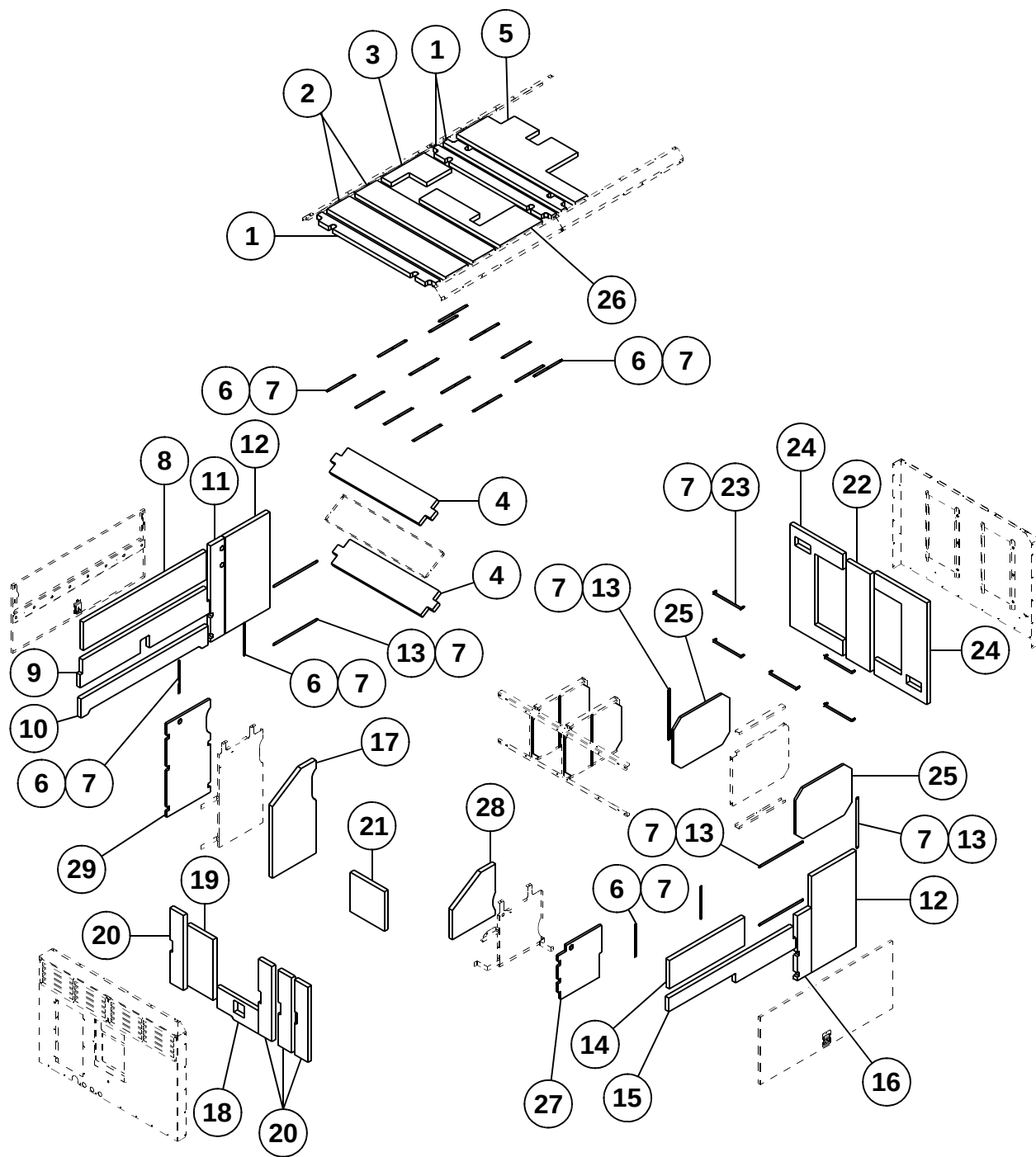
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35130707	Hold, Hand	2	
2	36889608	Screw, Hex Flange M08 - 1.25 X 25	4	
3	36881886	Nut, Hex Flange M08 - 1.25	4	
4	35278720	Pin, Quick Release	1	
5	22243281	Door, Overflow	1	
6	92368687	Screw, Tapping M06 - 1.0 X 14	2	
7	36769032	Nut, Locking M06 - 1.0	2	
8	22208953	Cover, Lift Bail	1	
9	35279025	Screw, Tapping M08 - 1.25 X 20	77	
10	46553524	Panel, Roof Front	1	
11	46592480	Panel, Roof Middle	1	
12	46553527	Panel, Roof Rear	1	
13	22243299	Bracket, Radiator Fill Door	1	
14	36797652	Screw, Tapping M06 - 1.0 X 12	5	
15	46553522	Rail, Upper Corner Front Curbside	2	
16	36895746	Nutsert, Hex M08	58	
17	46553523	Rail, Upper Corner Front Streetside	2	
18	46553525	Strip, Top Rail Connector	6	
19	22303465	Cover, Access	1	

Enclosure - Interior



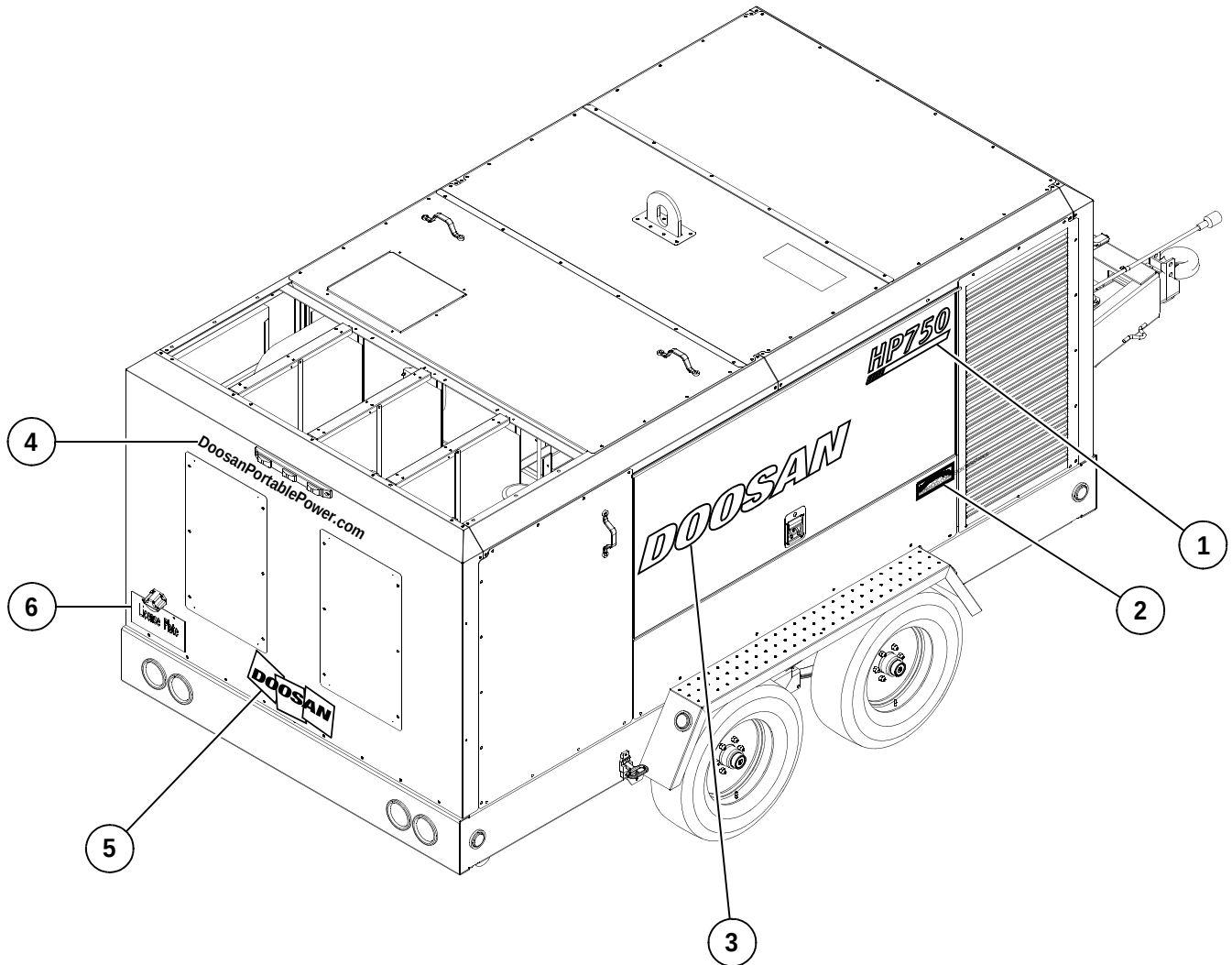
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46555610	Baffle, Air Intake Front Streetside	1	
2	36895746	Nutsert, Hex M08	13	
3	35279025	Screw, Tapping M08 - 1.25 X 20	51	
4	46553532	Support, Baffle	3	
5	46553531	Baffle, Air Intake Front Curbside	1	
6	46556253	Support, Baffle Streetside	1	
7	46554815	Support, Baffle Curbside	2	
8	46553533	Baffle, Middle Front Air Intake	1	
9	46556183	Wireway, Frame Rail	3	
10	46554774	Angle, Exhaust Plenum Baffle	2	
11	46554773	Baffle, Exhaust Plenum	3	
12	46554775	Channel, Exhaust Plenum	6	
13	36797652	Screw, Tapping M06 - 1.0 X 12	18	
14	46554957	Wireway, Crossmember	2	

Acoustic Panels



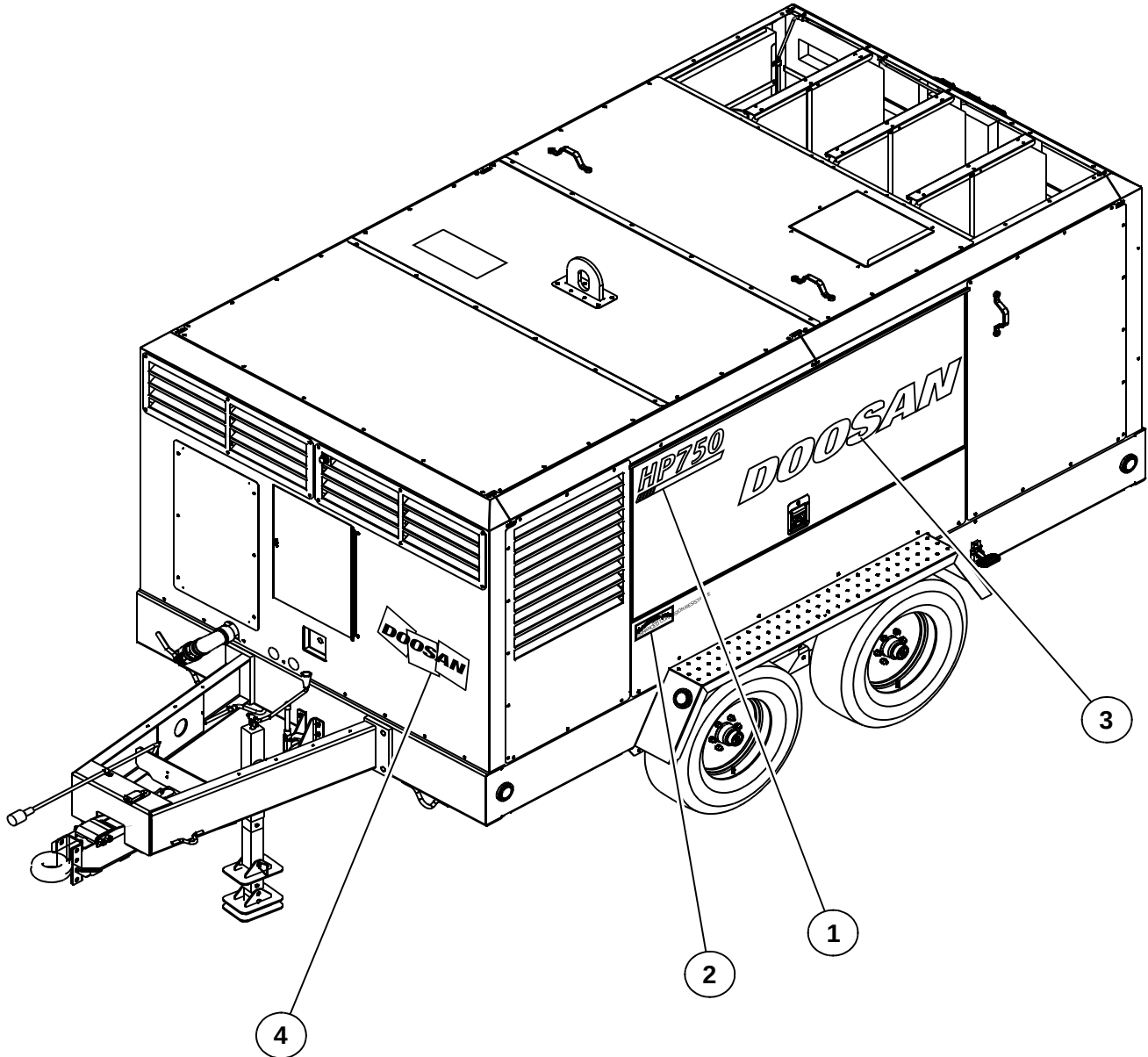
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46555742	Panel, Roof Acoustic	3	
2	46555744	Panel, Roof Front Acoustic	2	
3	46593479	Panel, Roof Liftbail Acoustic Curbside	1	
4	46554872	Panel, Middle Inlet Baffle Acoustic	2	
5	46555766	Panel, Roof Rear Coolers Acoustic	1	
6	54718184	Strap, Foam Retention	18	
7	36797652	Screw, Tapping M06 - 1.0 X 12	48	
8	22252191	Panel, Upper Door Acoustic Curbside	1	
9	22252209	Panel, Lower Door Acoustic Curbside	1	
10	46555761	Panel, Lower Side Panel Acoustic Curbside	1	
11	46554873	Panel, Cooler Acoustic Curbside	1	
12	46554871	Panel, Side Rear Fiberglass Acoustic	2	
13	46554789	Strap, Baffle Retention	10	
14	46555753	Panel, Upper Door Acoustic Streetside	1	
15	46555756	Panel, Lower Door Acoustic Streetside	1	
16	46554874	Panel, Cooler Acoustic Streetside	1	
17	46555665	Panel, Inlet Baffle Acoustic Curbside	1	
18	46555764	Panel, Front Mid Lower Acoustic	1	
19	46555765	Panel, Front Access Panel Acoustic	1	
20	46555768	Panel, Front Panel Acoustic	4	
21	46555960	Panel, Instrument Panel Cover Acoustic	1	
22	46554867	Panel, Rear Panel Middle Fiberglass Acoustic	1	
23	46554901	Strap, Rear Panel Retention	5	
24	46554866	Panel, Rear Panel Side Fiberglass Acoustic	2	
25	46554868	Panel, Baffle Fiberglass Acoustic 1"	6	
26	46592540	Panel, Roof Liftbail Acoustic Streetside	1	
27	46554869	Panel, Street Side Inlet Baffle Acoustic 1"	1	
28	46554870	Panel, Street Side Inlet Baffle Acoustic	1	
29	46555666	Panel, Inlet Baffle Acoustic Curbside 1"	1	

Decal Location - Curb Side Branding



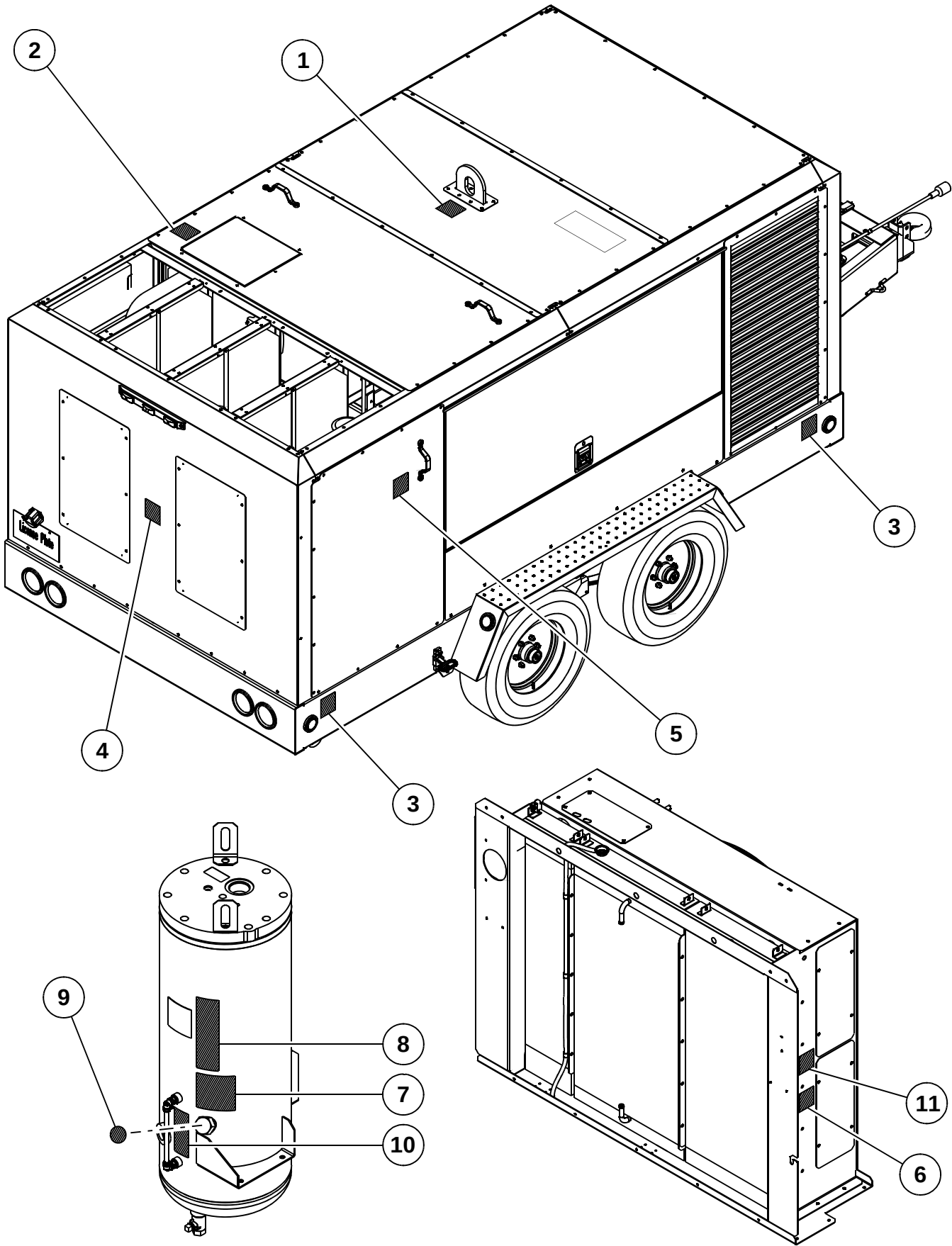
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46574042	Decal, HP750 Gradient Model Number	1	Not Shown
	46574022	Decal, XP825 Gradient Model Number	1	
2	54413117	Decal, Galvanneal	1	
3	46573924	Decal, Doosan Logo Black 45"	1	
4	46554780	Decal, Website Black 33"	1	
5	46573861	Decal, Doosan Tri-Color Logo 18"	1	
6	46559939	Plate, License Doosan	1	

Decal Location - Street Side Branding



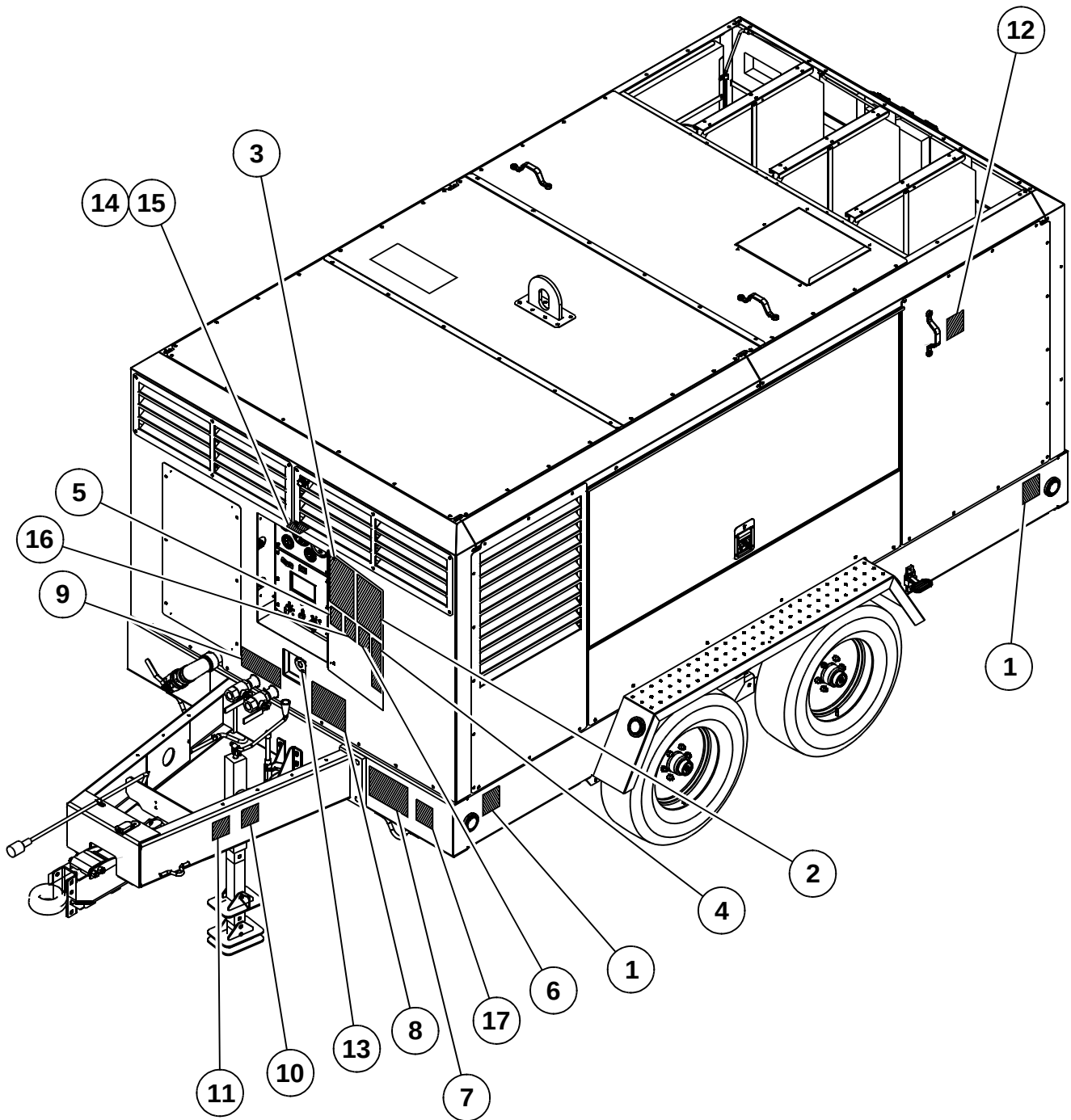
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46574042	Decal, HP750 Gradient Model Number	1	Not Shown
	46574022	Decal, XP825 Gradient Model Number	1	
2	54413117	Decal, Galvanneal	1	
3	46573924	Decal, Doosan Logo Black 45"	1	
4	46573861	Decal, Doosan Tri-Color Logo 18"	1	

Decal Location - Curb Side



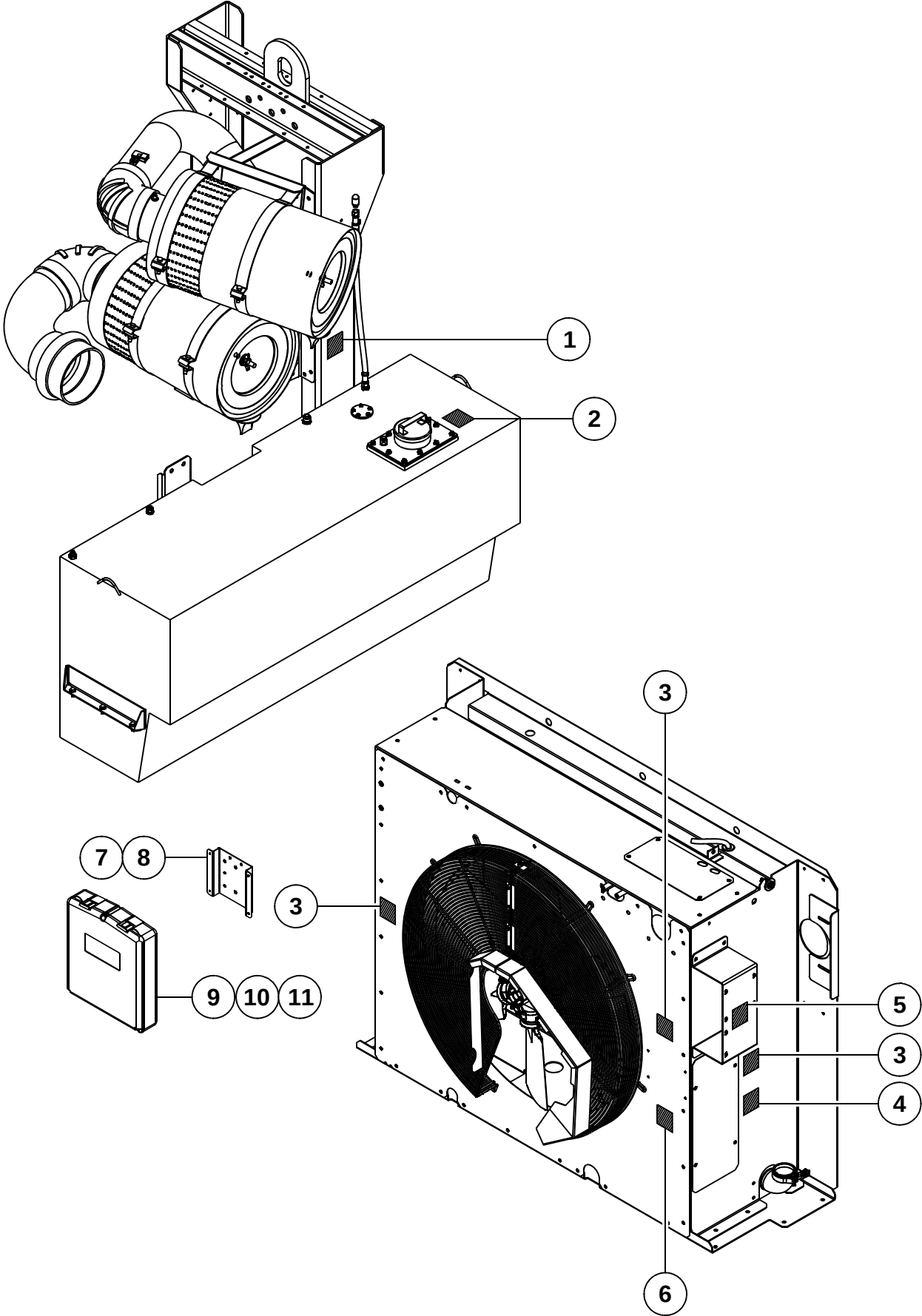
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	54699400	Decal, Lift Point	1	
2	54568761	Decal, Hot Pressurized Fluid	1	
3	54749205	Decal, No Weld	2	
4	46559883	Decal, Exhaust Gas Warning	1	
5	22298343	Decal, Fall Off Unit	1	
6	36529691	Decal, Clean Coolers	1	
7	54568795	Decal, High Pressure Air	1	
8	46559970	Decal, Tier 4 Engine & Compressor Oil	1	
9	54604970	Decal, Oil Fill Plug	1	
10	22383319	Decal, Oil Level	1	
11	54568779	Decal, Rotating Fan	1	

Decal Location - Street Side



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	54749205	Decal, No Weld	2	
2	46559976	Decal, Symbols Translation	1	
3	46559975	Decal, Operating Instructions	1	
4	46559970	Decal, Tier 4 Engine & Compressor Oil	1	
5	54568787	Decal, Improper Operation	1	
6	54454756	Decal, No Ether	1	
7	23241045	Decal, Vehicle Identification Number (VIN)	1	
8	36514602	Decal, Noise Emission	1	
9	54629902	Decal, 3 - Part Warning	1	
10	54604921	Decal, Tow Notice	1	
11	54568803	Decal, Collapsing Jack	1	
12	22298343	Decal, Fall Off Unit	1	
13	46586563	Decal, Emergency Stop	1	
14	46556466	Plate, Serial Number	1	
15	36794816	Rivet, 3/16" Dia.	2	
16	46556990	Decal, Ultra Low Sulfur Diesel Fuel	1	
17	46590319	Decal, 15" Tire - No Load	1	

Decal Location - Street Side Fuel Tank & Coolers



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	54454756	Decal, No Ether	1	
2	46556990	Decal, Ultra Low Sulfur Diesel Fuel	1	
3	54568779	Decal, Rotating Fan	3	
4	36529691	Decal, Clean Coolers	1	
5	22334916	Decal, Hot Surface Warning	1	
6	54568753	Decal, Battery Gas	1	
7	22150361	Bracket, Literature Pouch	1	
8	35279025	Screw, Hex Tapping M08 - 1.25 X 20	2	
9	22916019	Pouch, Literature	1	
10	36797652	Screw, Tapping M06 - 1.0 X 12	4	
11	46559967	Card Set, Schematics	1	



RECOMMENDED SERVICE PARTS

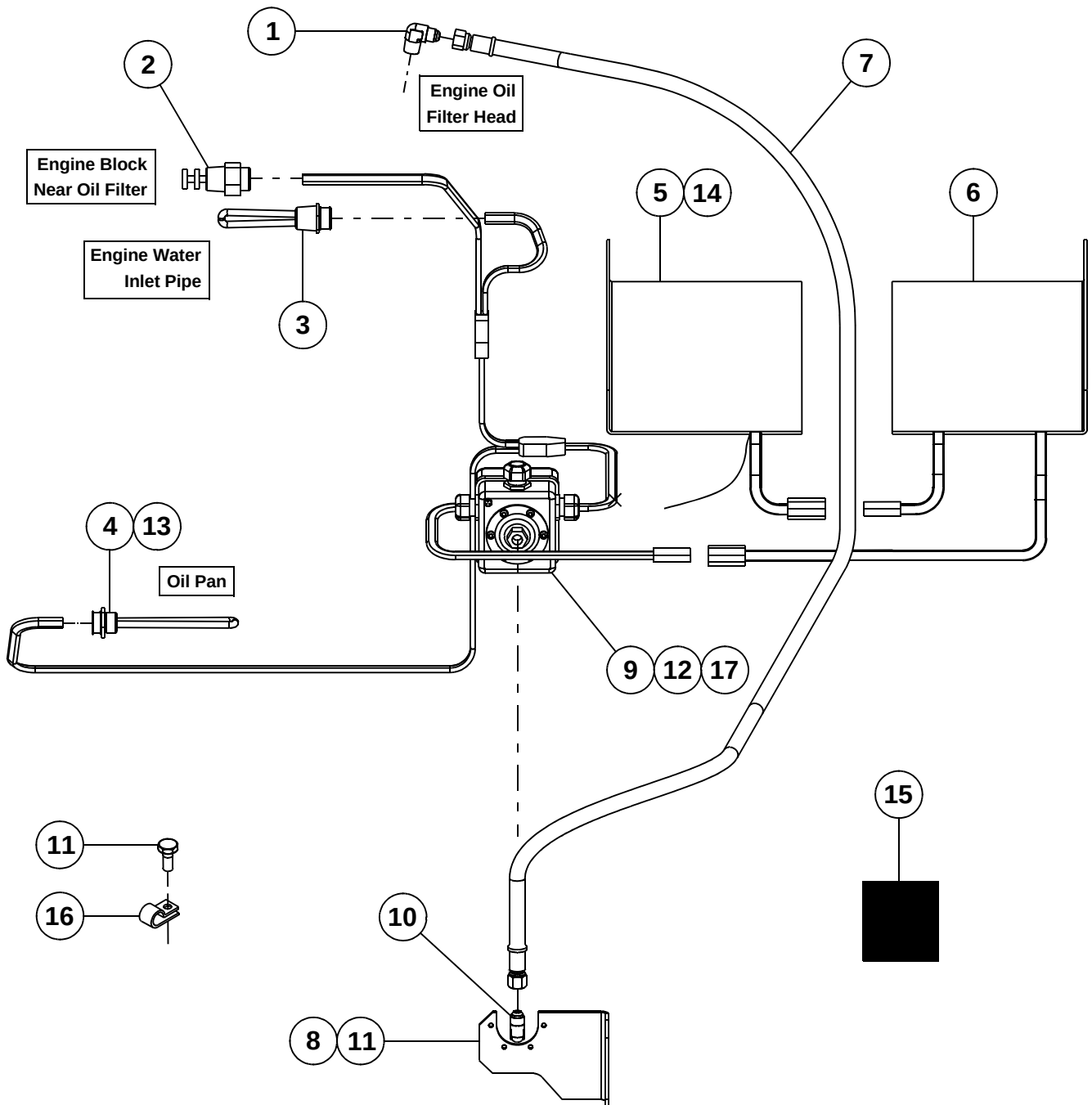
QTY	COMM. NO.	DESCRIPTION	DIMENSIONS/NOTES
	36049732	Airend Assembly, Remanufactured (HP750)	Airend
	36049757	Airend Assembly, Remanufactured (XP825)	Airend
	35593508	Seal, Shaft	Airend
	95358164	O-Ring, 5-1/4" ID	Airend
	35592534	Diaphragm, Unloader	Airend
	35328269	Bushing, Piston	Airend
	35328251	Gasket, Piston Housing	Airend
	35328244	Seal, Unloader Piston	Airend
	35328228	Bushing, Piston	Airend
	36897148	Valve, Anti-Rumble	Airend
	35331586	Grommet, 7/8" ID	Airend
	35331578	Washer, Rubber 11.2mm ID	Airend
	54496773	Transducer, Pressure 0 - 225 PSI	Airend
	36867786	Element, Primary	Air Intake
	36876019	Element, Safety	Air Intake
	36847838	Switch, Vacuum	Air Intake
	23294838	Sensor, Temperature 1/2" NPT	Air Intake
	36920825	Transducer, Pressure 100 PSI	Air Piping
	35322379	Valve, Blowdown	Air Piping
	35379064	Repair Kit, Diaphragm	Air Piping
	36840460	Valve, Relief / Check 0.040" Orifice	Air Piping
	36896892	Valve, Pressure Regulator	Air Piping
	36840841	Valve, Solenoid	Air Piping
	36881944	Valve, Solenoid	Air Piping
	54564737	Hose, Radiator 1-3/4"	Cooling
	46554881	Hose, Radiator 4-3/4"	Cooling
	23264096	Cap, Radiator	Cooling
	22769186	Sensor, Coolant Level 5V	Cooling
	36870111	Jack, Drawbar	Drawbar
	36870095	Pin, Pull	Drawbar
	46558806	Gauge, Airend Discharge Temperature	Electrical
	46558805	Gauge, Voltmeter	Electrical
	46558799	Gauge, Pressure 0 - 250 PSI	Electrical
	46565479	Gauge, Fuel Level	Electrical
	46558802	Gauge, Tachometer	Electrical
	46558804	Gauge, Engine Coolant Temperature	Electrical
	46558803	Gauge, Engine Oil Pressure	Electrical
	46557109	Gauge, Hourmeter	Electrical
	23316250	Relay, 24VDC	Electrical
	46559025	Switch, Main Control	Electrical
	46559026	Button, Service Air	Electrical
	46556142	Switch, Regeneration Control	Electrical
	36853521	Relay, 24V SPST 100A	Electrical
	46556477	Fuse, 150 A AMG	Electrical
	35302835	Mount, Rubber	Engine
	46558720	Filter, Engine Oil	Engine
	46558719	Filter, Engine Fuel	Engine

QTY	COMM. NO.	DESCRIPTION	DIMENSIONS/NOTES
	46554959	Filter, Engine Fuel/Water Separator	Engine
	46558722	Belt, Engine Serpentine	Engine
	46567299	Breather, Crankcase	Engine
	46570900	Sender, Fuel Level	Fuel
	35388024	Repair Kit, Relief Valve	Oil Piping
	35388032	Repair Kit, Thermostat Element	Oil Piping
	35388040	Repair Kit, O-Ring	Oil Piping
	36897346	Element, Oil Filter	Oil Piping
	22685481	Elbow, 90° 1/2" - 14 NPT X 1/2" Tube	Service Air
	22685507	Insert, Tube 1/4"	Service Air
	22685531	Gauge, Sight Tube	Service Air
	22685499	Elbow, 90° 1/2" - 14 X 1/2" Tube	Service Air
	22176572	Hose Assembly, Discharge	Service Air
	36898492	Gasket, Discharge Flange	Service Air
	36866028	O-Ring, 2-7/8" ID	Service Air
	39227541	Valve, Safety	Service Air
	46568519	Switch, Pressure 12 PSI NC	Service Air
	22218622	Minimum Pressure Service Valve Kit	Service Air
	22291280	Element, Separator	Service Air
	36794147	Tube, Scavenge	Service Air
	36840411	Valve, Check w/ Orifice 0.25"	Service Air
	36899706	Fluid, Pro Tec Compressor (5 gal)	
	46557016	Fluid, Tier 4 Engine Oil (5 gal)	
	46586959	Maintenance Kit, 500 - 1000 Hour Dry	
	46586960	Maintenance Kit, 2000 Hour Dry	



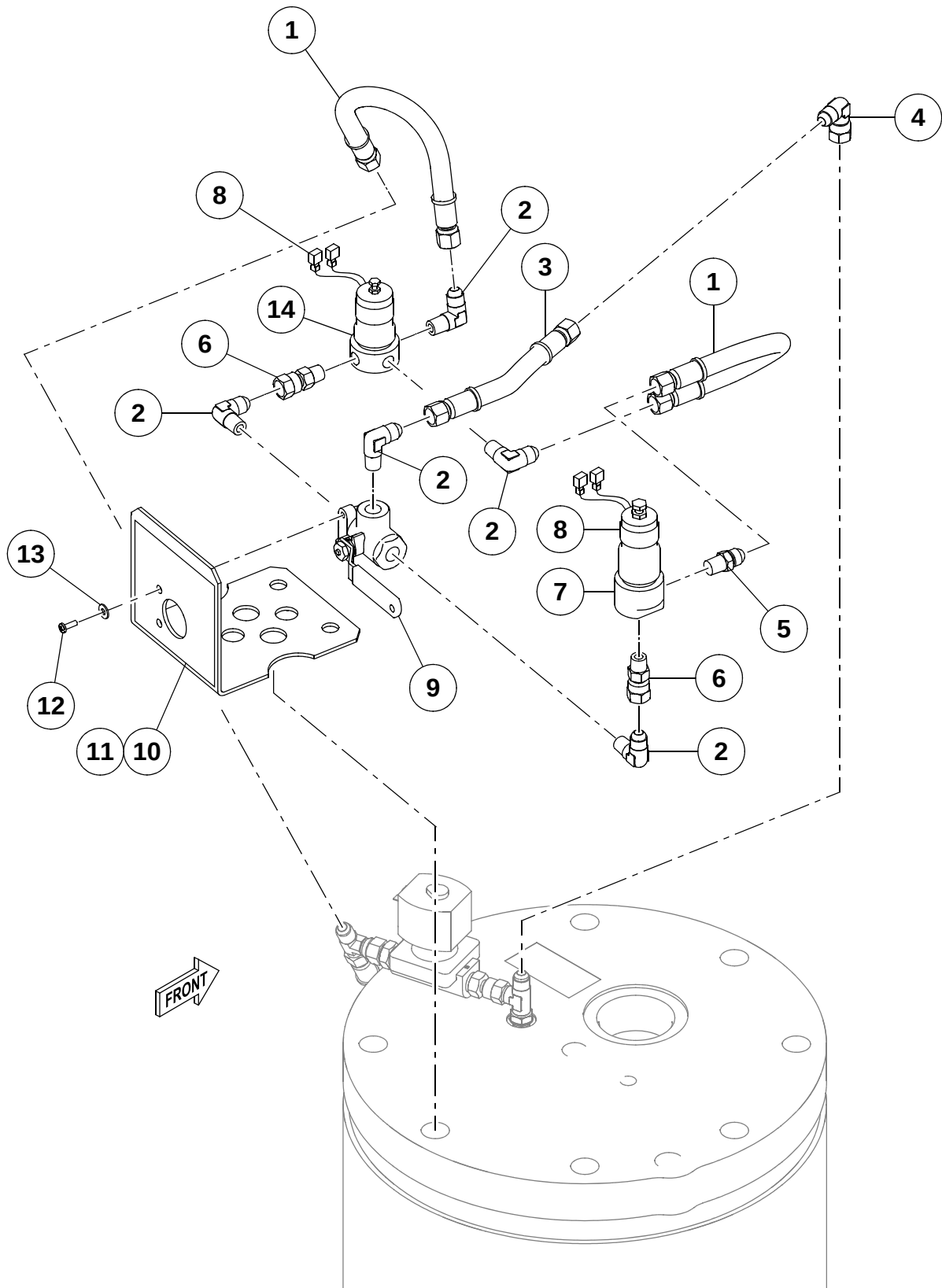
OPTION PARTS

AC Heaters



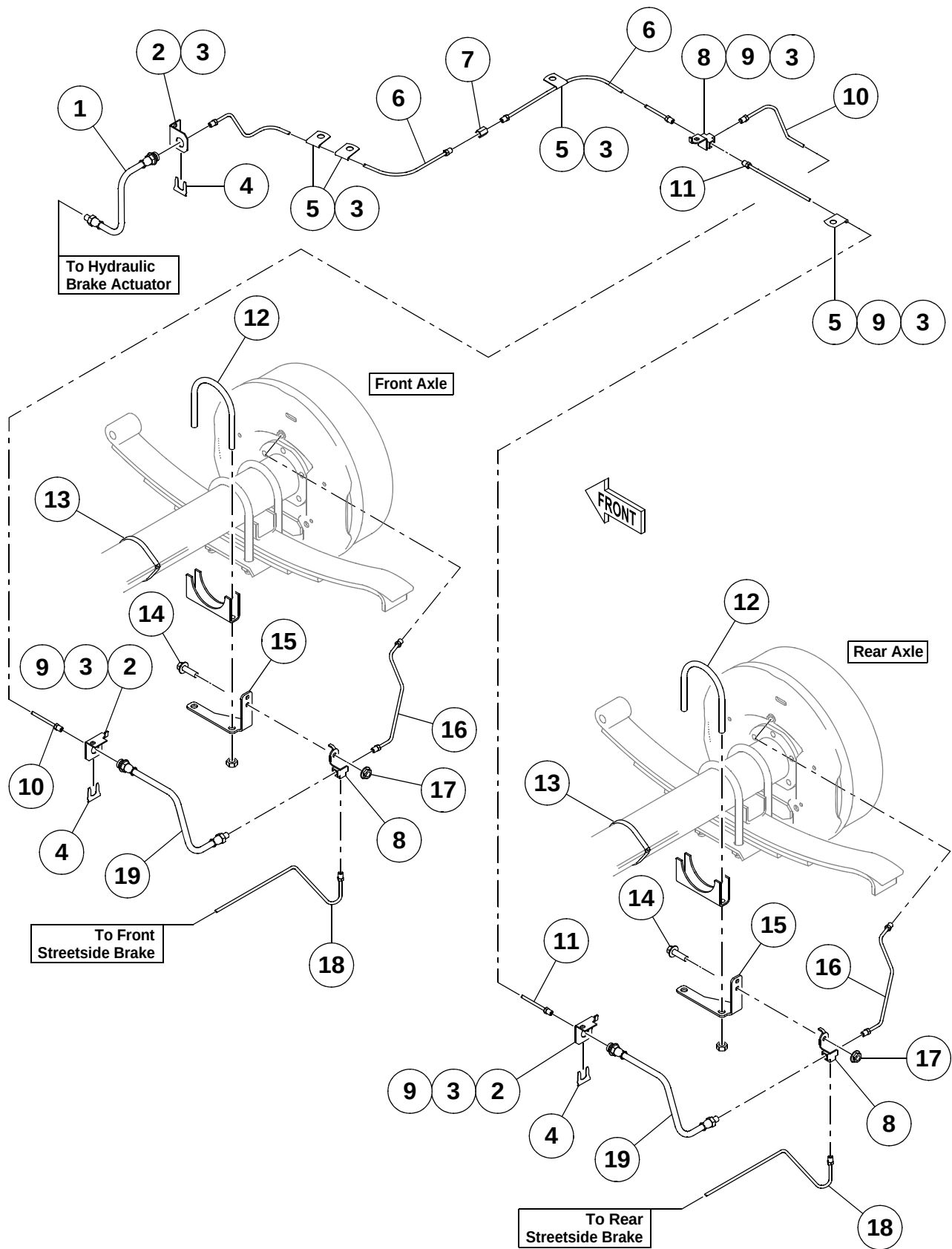
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35306687	Elbow, 90° 1/8" NPT X -4 JIC	1	
2	22298566	Well, Thermostat Plug	AR	Included with Item 9
3	22298558	Heater, Engine Block	AR	Included with Item 9
4	36874675	Heater, Oil Pan	AR	Included with Item 9
5	36920346	Pad, Battery Heater	AR	Included with Item 9
6	36920338	Pad, Battery Heater	AR	Included with Item 9
7	35315407	Hose Assembly, -4 JIC X 24"	1	
8	22360242	Support, Cold Start Module	1	
9	22813919	Cold Start Assembly, AC Powered	1	
10	35283464	Elbow, 90° 1/4" NPT X -4 JIC	1	
11	35279025	Screw, Tapping M08 - 1.25 X 20	3	
12	95942553	Screw, Pan Head #8 - 32 X 5/8"	4	
13	46572879	Washer, Sealing 20 mm ID	1	
14	92368687	Screw, Tapping M06 - 1.0 X 14	1	
15	54605027	Decal, Hazardous Voltage	2	
16	35225077	Clamp, Support 11/16" ID	1	
17	22813901	Harness, Pressure Switch	AR	Included with Item 9

Dual Regulation



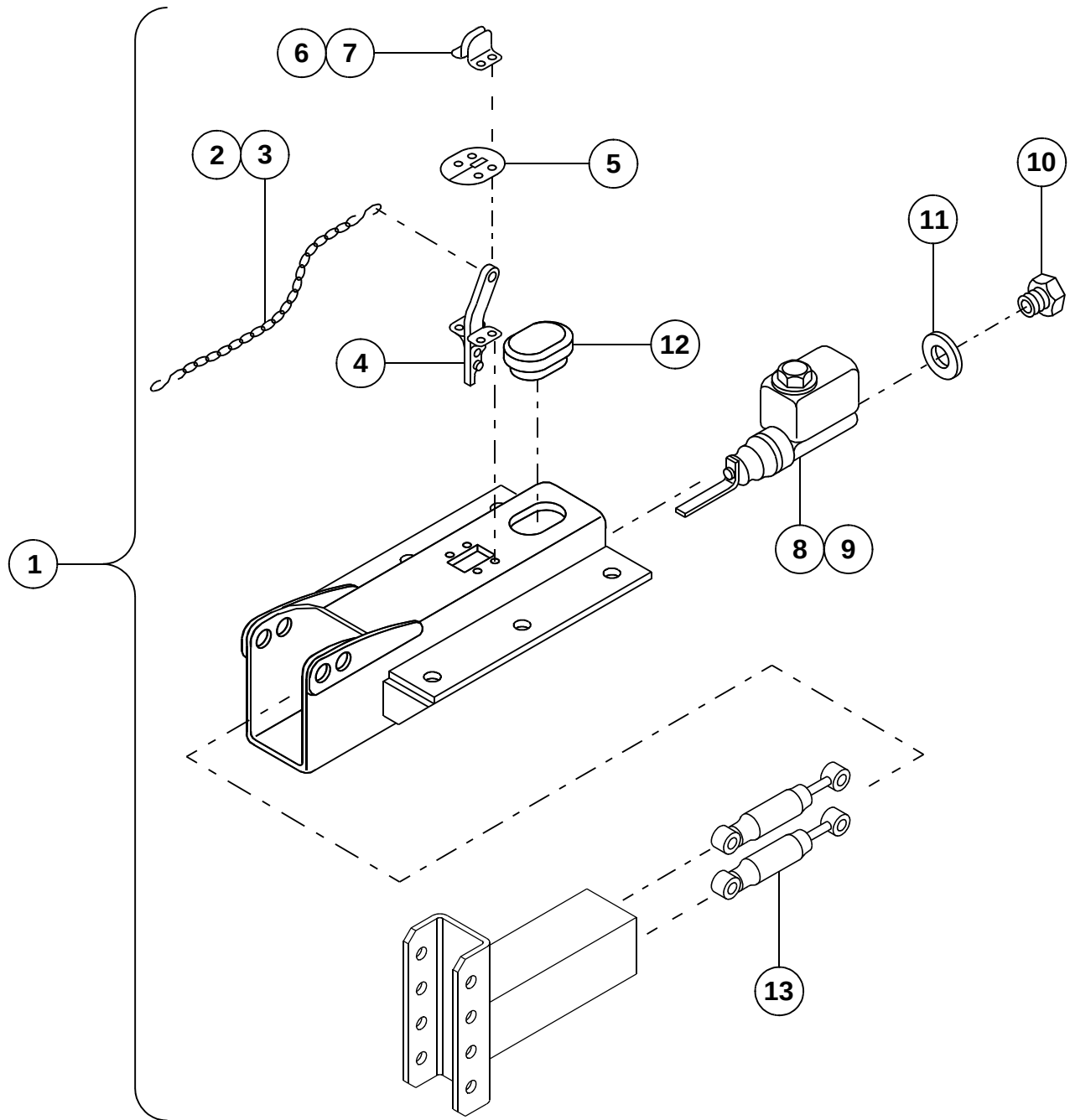
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35282953	Hose Assembly, -6 JIC X 11"	2	
2	35279934	Elbow, 90° Swivel 1/4" NPT X -6 JIC	5	
3	35282946	Hose Assembly, -6 JIC X 9-1/2"	1	
4	35283068	Elbow, 90° Swivel Nut -6 JIC	1	
5	35284082	Connector, 1/4" NPT X -6 JIC	1	
6	35367846	Connector, Swivel 1/4" NPT X -6 JIC	2	
7	36896892	Valve, Pressure Regulator	1	
8	36854677	Heater, 24 VDC Regulator	2	
9	22489223	Valve, 3-Way Ball 1/4" NPT	1	
10	22489231	Bracket, Dual Regulation	1	
11	22501316	Decal, Dual Pressure	1	
12	95942546	Screw, Pan Head #8 - 32 X 1/2"	2	
13	95954251	Washer, Flat #10	2	
14	36847952	Regulator, Pressure 100 PSI	1	
	22476063	Harness, DC Heater Jumper	1	Not Shown
	35387919	Repair Kit, Diaphragm	1	Not Shown

Hydraulic Brake Lines



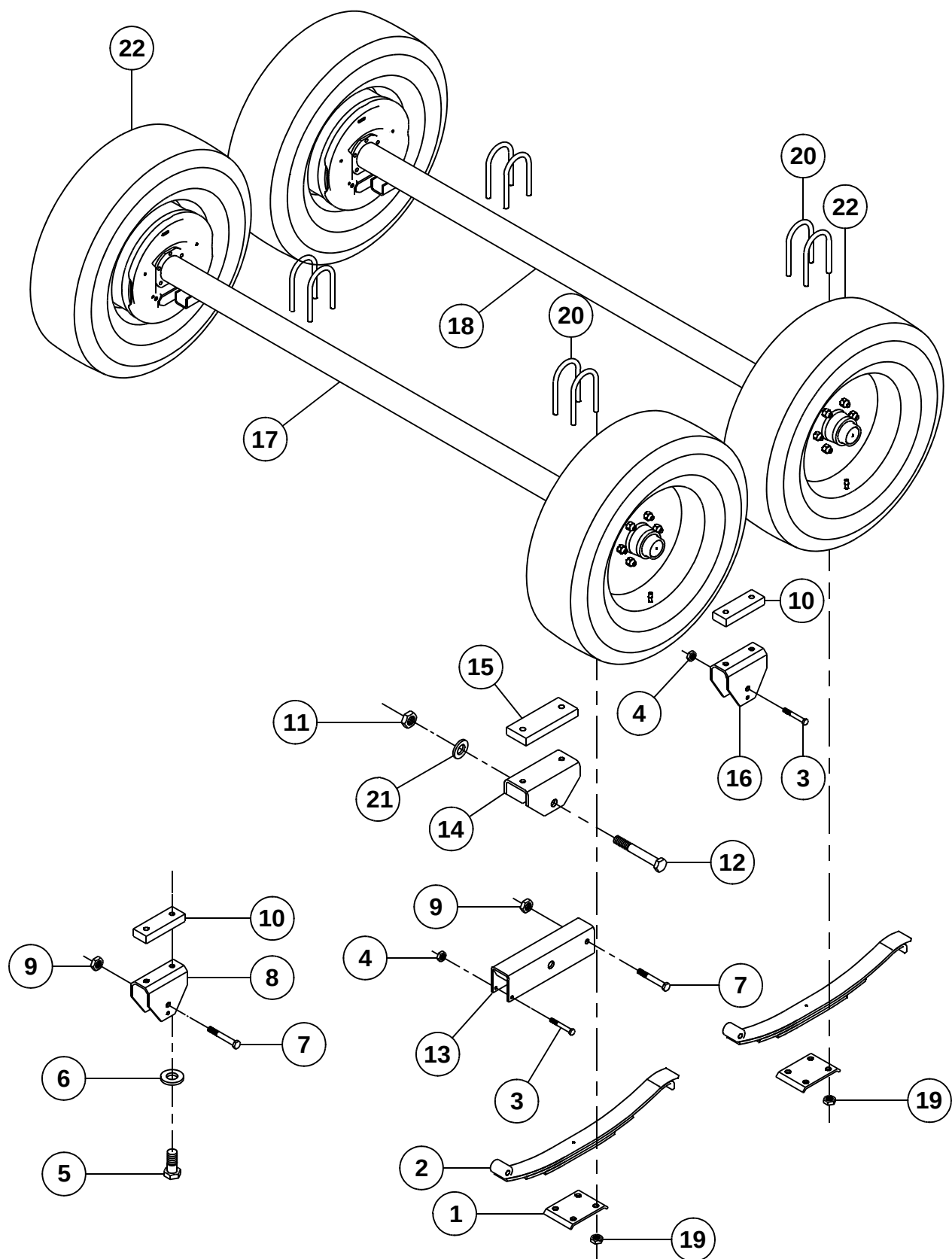
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35356369	Hose Assembly, Brake 3/8" - 24 X 13"	1	
2	35356310	Bracket, Hose Mounting	3	
3	35279025	Screw, Tapping M08 - 1.25 X 20	8	
4	35356302	Clip, Hose	3	
5	37001252	Clamp, Support 3/16" ID	4	
6	35356401	Tube, Brakeline 3/16" X 40"	2	
7	35356336	Fitting, Union 3/16" X 3/16"	1	
8	35356328	Tee, Inverted Flare 3/16"	3	
9	36895746	Nutsert, Hex M08	4	
10	36867273	Tube, Brake	1	
11	36894699	Tube, Hydraulic Brakeline 3/16" X 49-1/4"	1	
12	35113646	Clamp Assembly, Saddle 3" ID	2	
13	35356591	Tie, Cable 5/16" X 14-1/2"	8	
14	36898096	Screw, Hex Flange M06 - 1.0 X 20	2	
15	46618219	Bracket, Brake Tee	2	
16	46557232	Tube, Hydraulic Brakeline Curbside	2	
17	36898104	Nut, Hex Flange M06 - 1.0	2	
18	46557233	Tube, Hydraulic Brakeline Streetside	2	
19	35356377	Hose Assembly, Brake 3/8" - 24 X 18-7/8"	2	

Hydraulic Surge Brake Actuator



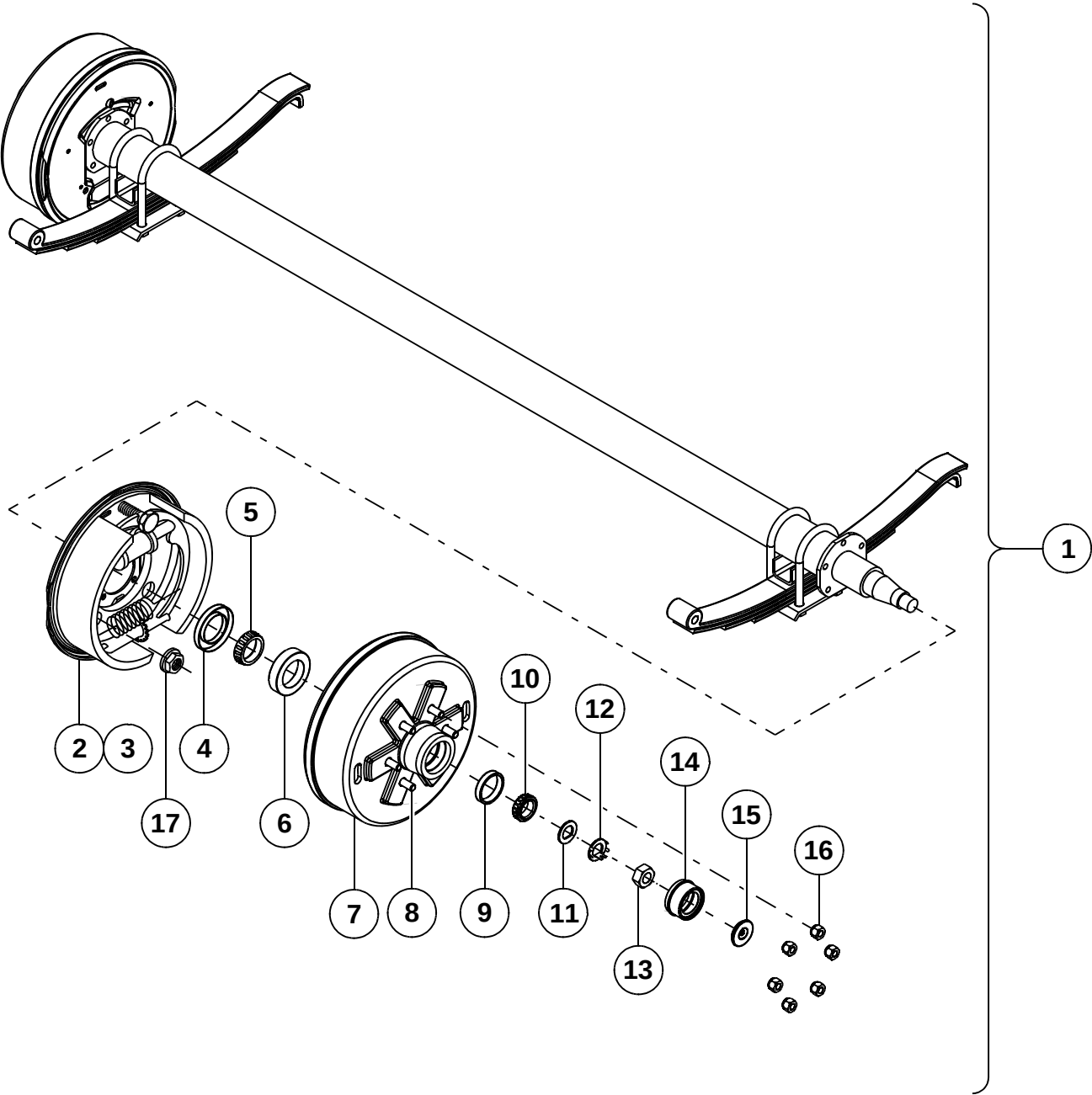
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36734879	Actuator, Hydraulic Brake	1	
2	35373083	S-Hook	2	
3	35373091	Chain	1	
4	35373042	Lever Assembly	1	
5	35373059	Seal, Weather	1	
6	35373067	Lock, Right	1	
7	35373075	Lock, Left	1	
8	35373117	Cylinder, Master	1	
9	35376433	Repair Kit, Cylinder	1	
10	35373109	Connector	1	
11	35373125	Gasket	1	
12	35373034	Cover	1	
13	35373026	Damper	2	

Hydraulic Brake Axles and Running Gear



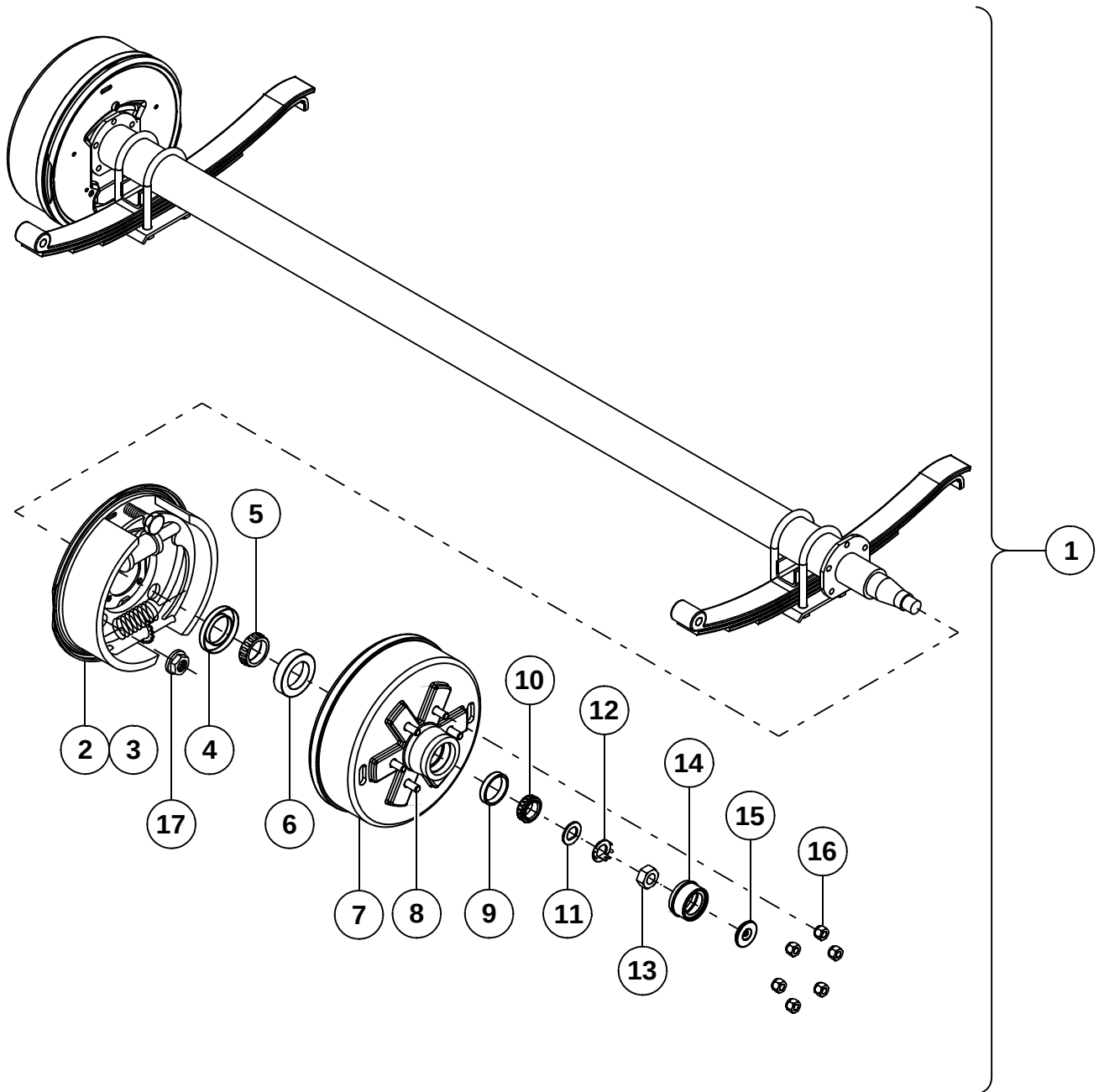
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35315241	Plate, Tie	4	Included on Axle
2	36867612	Spring, Slipper	4	Included on Axle
3	35315365	Screw, Keeper 5/16" - 18 X 3-1/4"	4	Included in Kit
4	35315373	Nut, Keeper 5/16" - 18	4	Included in Kit
5	36776128	Screw, Hex M12 - 1.75 X 60	12	
6	95935003	Washer, Flat 1/2" ID	12	
7	35315340	Screw, Shackle 5/8" - 18 X 3-1/2"	4	Included in Kit
8	35326958	Hanger, Front	2	
9	35315357	Nut, Shackle 5/8" - 18	4	Included in Kit
10	22278212	Spacer, Shackle	4	
11	36784882	Nut, Equalizer	2	Included in Kit
12	36784874	Screw, Equalizer	2	Included in Kit
13	35356930	Equalizer, Running Gear	2	Included in Kit
14	36895225	Hanger, Equalizer	2	
15	46612439	Spacer, Equalizer	2	
16	35326966	Hanger, Rear	2	
17	46555905	Axle, Hydraulic Brake Front	1	
18	46555906	Axle, Hydraulic Brake Rear	1	
19	46583905	Nut, Hex 1/2" - 20	16	Included on Axle
20	36867638	U-Bolt, 1/2" - 20	8	Included on Axle
21	95928321	Washer, Flat 7/8" ID	2	
22	36026268	Wheel and Tire Assembly	4	
	35385434	Equalizer Kit	AR	Not Shown

Hydraulic Brake Axle and Hub with Parking Brake



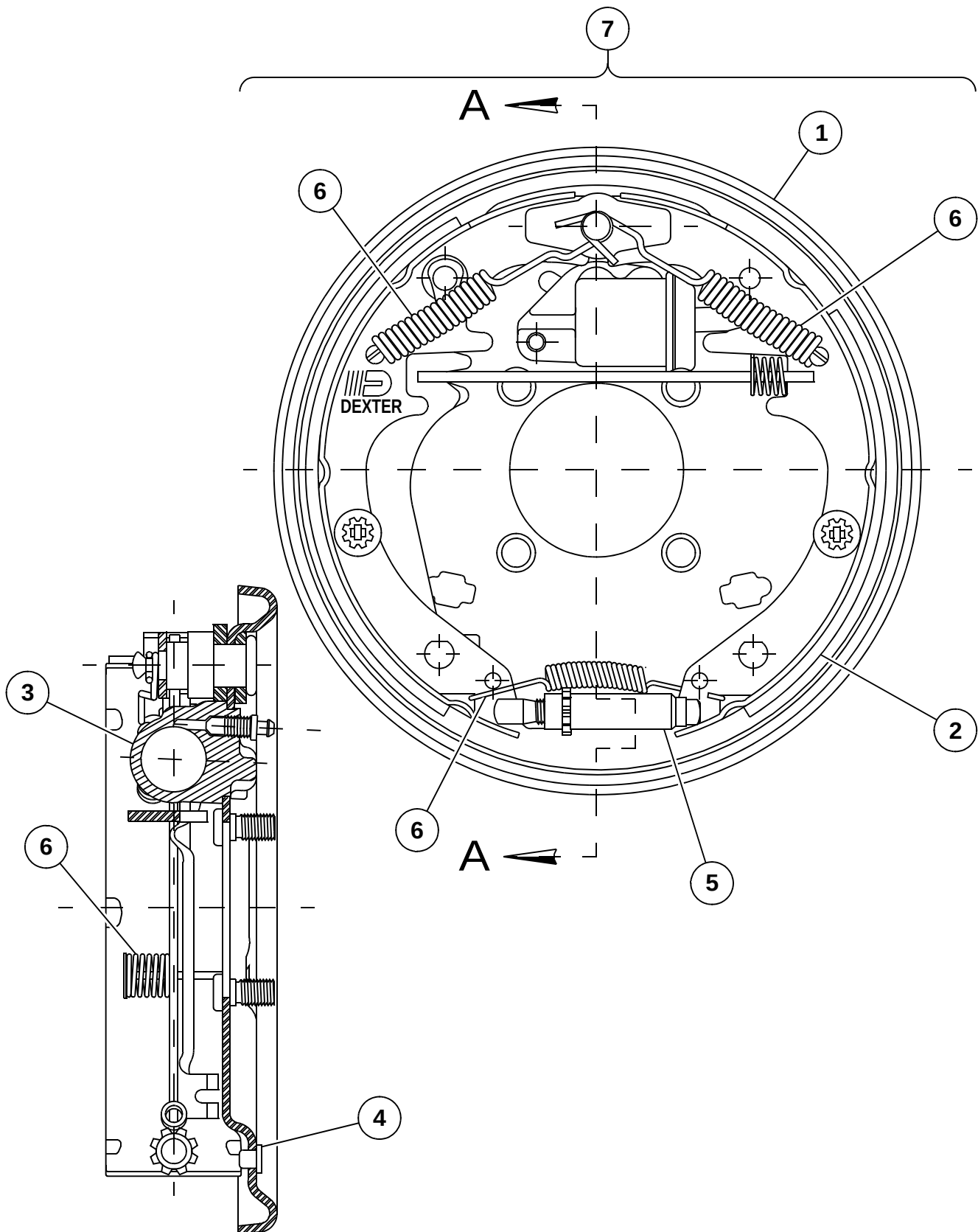
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46555905	Axle, Hydraulic with Parking Brake	1	
2	36895258	Hydraulic Brake Assembly, RH	1	
3	36895241	Hydraulic Brake Assembly, LH	1	
4	46583903	Seal, Grease	2	
5	35316876	Cone, Inner Bearing	2	
6	35316884	Cup, Inner Bearing	2	
7	36895696	Hub, w/ Studs	2	
8	46583904	Stud, Wheel	12	
9	35385293	Cone, Outer Bearing	2	
10	35385277	Cup, Outer Bearing	2	
11	35315209	Washer, Spindle	2	
12	36136158	Washer, Retainer Spindle	2	
13	36136166	Nut, Spindle	2	
14	35379395	Cap, Grease Dust	2	
15	35391135	Plug, Rubber EZ Lube	2	
16	35315274	Nut, Lug	12	
17	46583902	Nut and Washer Assembly	10	

Hydraulic Brake Axle and Hub



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46555906	Axle, Hydraulic Brakes	1	
2	35388628	Hydraulic Brake Assembly, RH	1	
3	35388636	Hydraulic Brake Assembly, LH	1	
4	46583903	Seal, Grease	2	
5	35316876	Cone, Inner Bearing	2	
6	35316884	Cup, Inner Bearing	2	
7	36895696	Hub, w/ Studs	2	
8	46583904	Stud, Wheel	12	
9	35385293	Cone, Outer Bearing	2	
10	35385277	Cup, Outer Bearing	2	
11	35315209	Washer, Spindle	2	
12	36136158	Washer, Retainer Spindle	2	
13	36136166	Nut, Spindle	2	
14	35379395	Cap, Grease Dust	2	
15	35391135	Plug, Rubber EZ Lube	2	
16	35315274	Nut, Lug	12	
17	46583902	Nut and Washer Assembly	10	

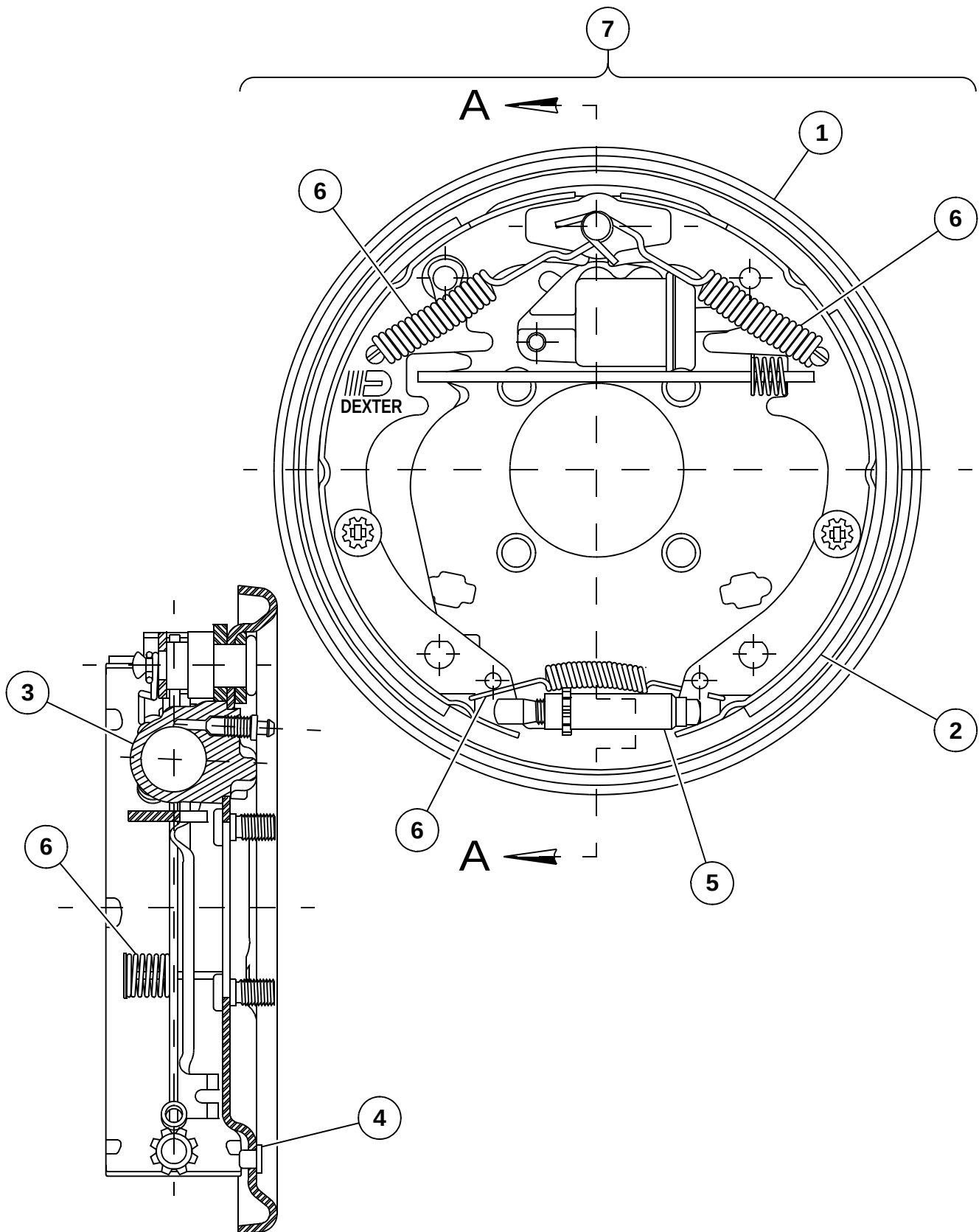
Hydraulic Brake Shoe with Parking Brake



SECTION A-A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35393834	Plate, Backing LH	1	Not Shown
	35393842	Plate, Backing RH	1	
2	36895779	Brake Shoe Kit, LH	1	Not Shown
	36895787	Brake Shoe Kit, RH	1	
3	36867851	Cylinder, Brake LH	1	Not Shown
	36867885	Cylinder, Brake RH	1	
4	35391481	Plug, Adjusting Slot	1	
5	46584579	Spring and Adjusting Screw Kit	1	
6	36895795	Spring Set	1	
7	36895258	Hydraulic Brake Assembly, RH	1	Not Shown
	36895241	Hydraulic Brake Assembly, LH	1	

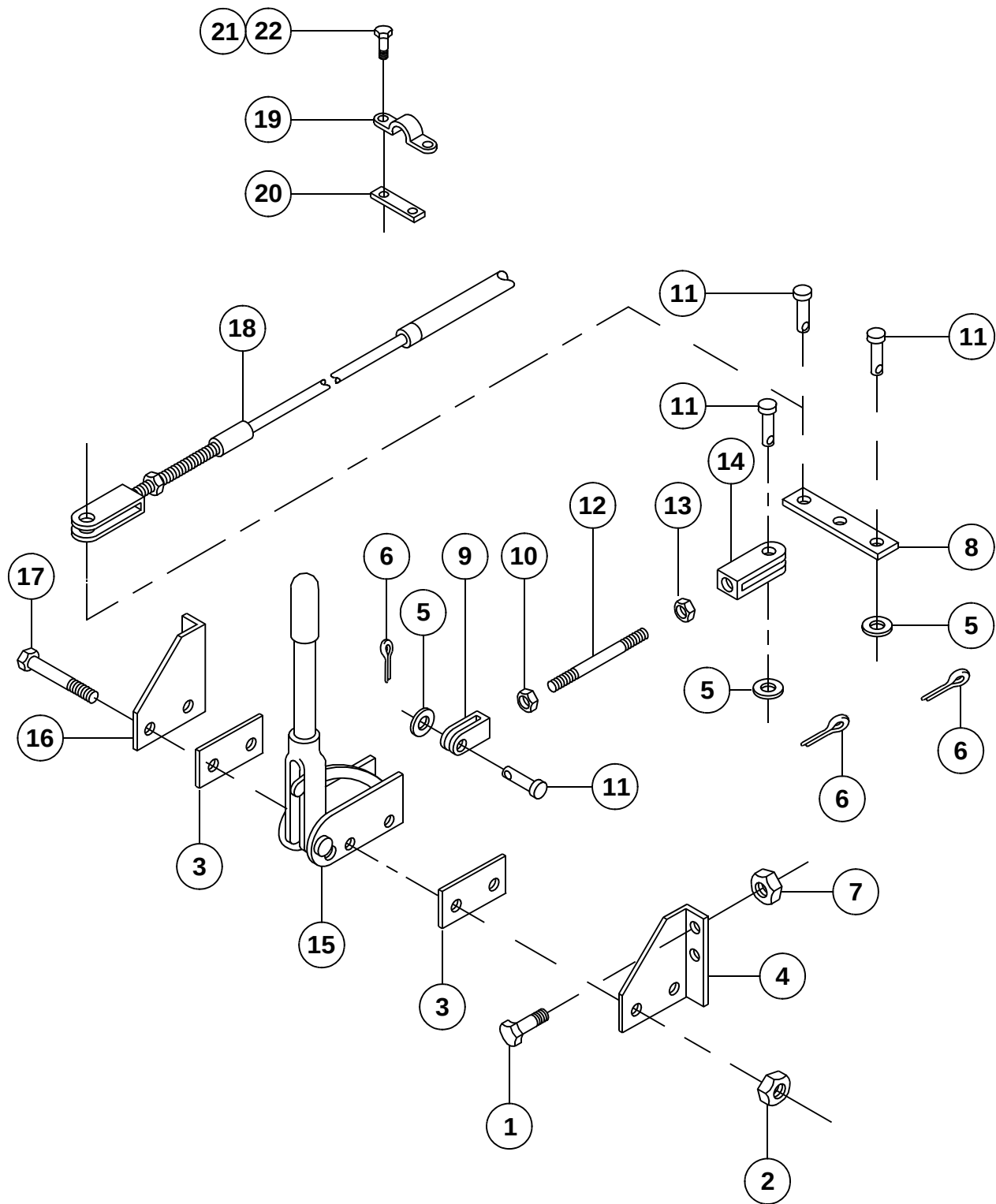
Hydraulic Brake Shoe



SECTION A-A

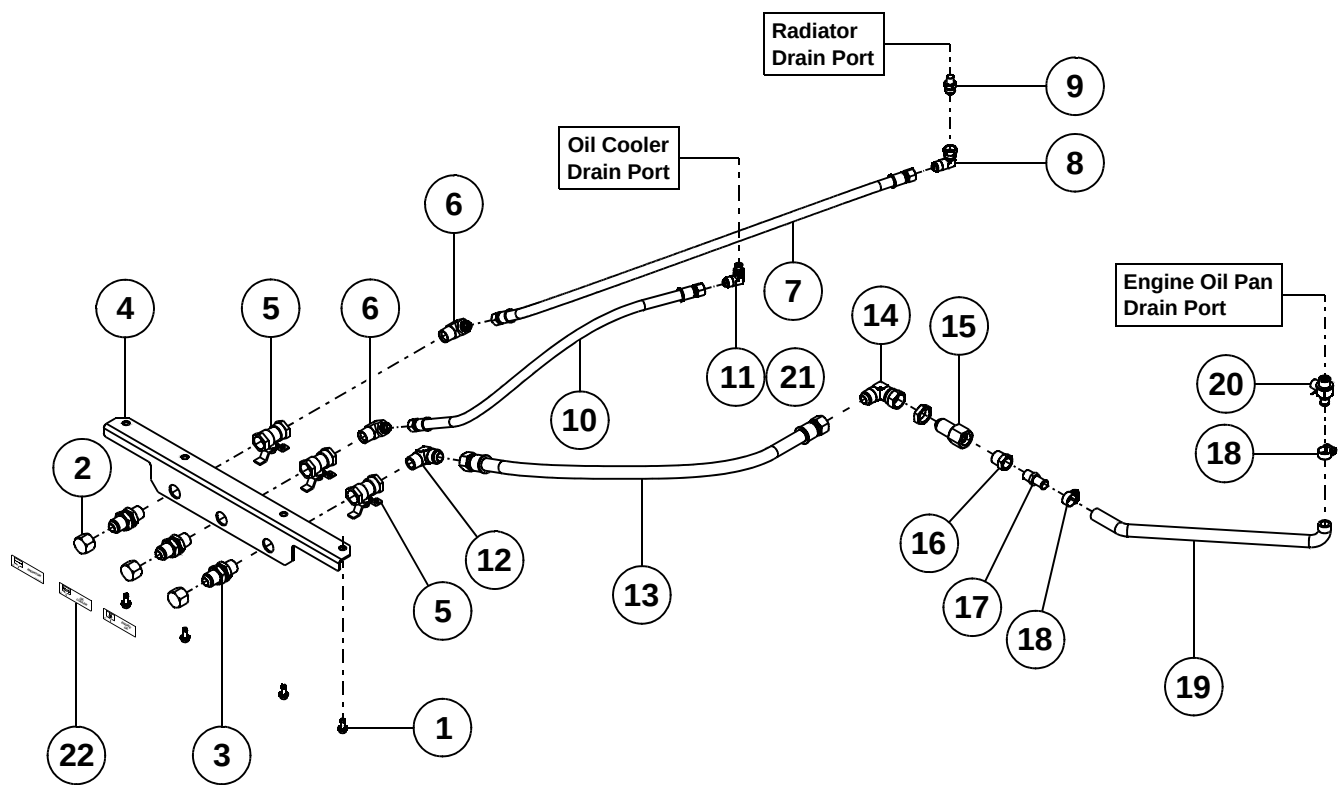
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46584580	Plate, Backing LH	1	Not Shown
	46584580	Plate, Backing RH	1	
2	36895779	Brake Shoe Kit, LH	1	Not Shown
	36895787	Brake Shoe Kit, RH	1	
3	36867851	Cylinder, Brake LH	1	Not Shown
	36867885	Cylinder, Brake RH	1	
4	35391481	Plug, Adjusting Slot	1	
5	46584579	Adjusting Screw and Spring Kit	1	
6	36895795	Spring Set	1	
7	35388636	Hydraulic Brake Assembly, RH	1	Not Shown
	35388628	Hydraulic Brake Assembly, LH	1	

Parking Brake Lever Assembly - Hydraulic Brake Axle



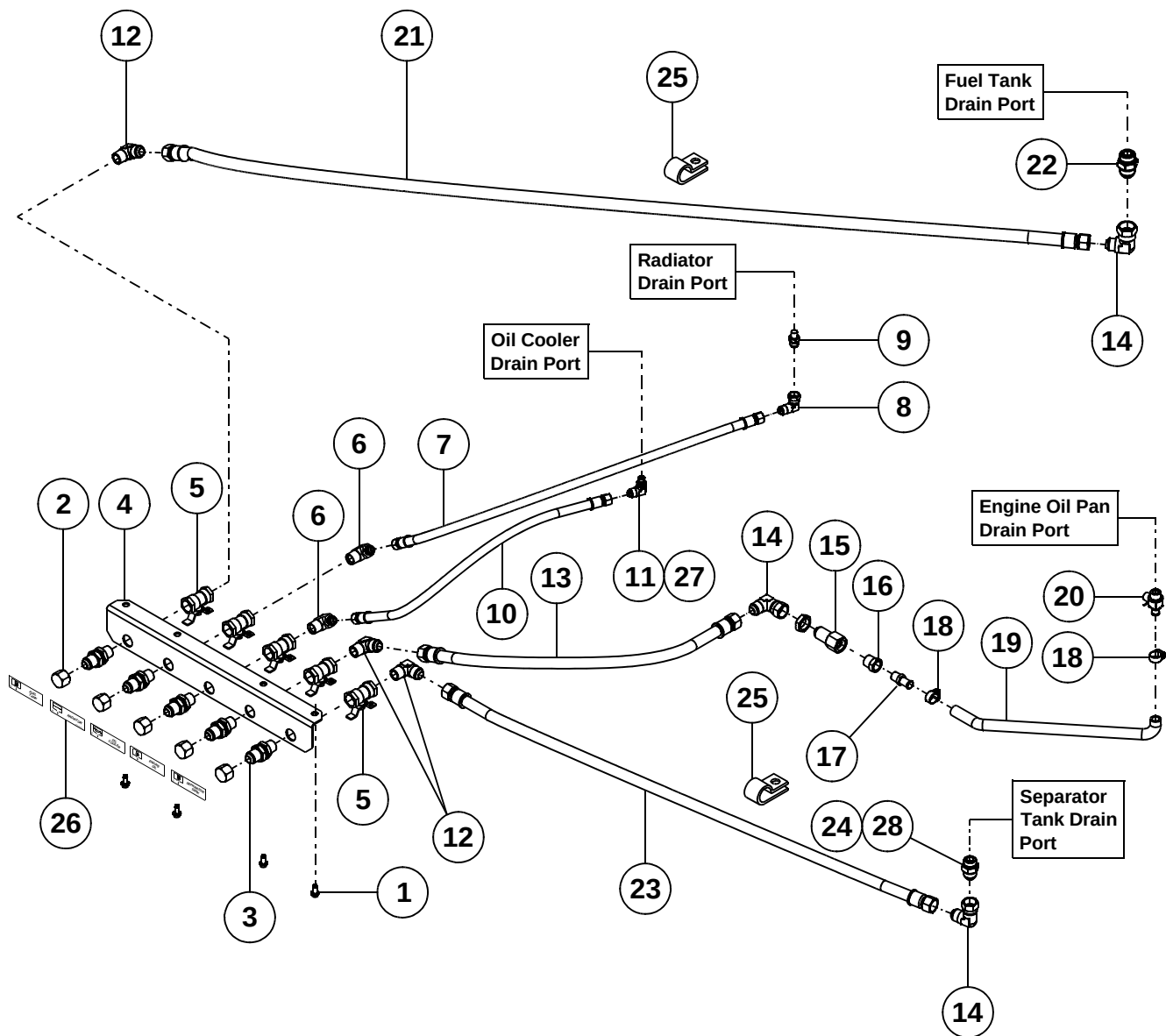
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	96702311	Screw, Hex M12 - 1.75 X 30	4	
2	36879195	Nut, Hex Flange M10 - 1.5	2	
3	35603224	Spacer, Parking Brake	2	
4	36847440	Bracket, Left	1	
5	95934998	Washer, Flat 5/16" ID	4	
6	95928867	Pin, Cotter	4	
7	96701743	Nut, Hex M12 - 1.75	4	
8	35602846	Bracket, Equalizer	1	
9	35603216	Clevis, 3/4" X 2-1/2"	1	
10	95935086	Nut, Hex 5/16" - 24	2	
11	35357151	Pin, Clevis 5/16" X 1"	4	
12	46556821	Rod, Link	1	
13	35118728	Nut, Hex 5/16" - 24 LH	2	
14	35603208	Clevis, 3/4" X 3"	1	
15	35857382	Lever, Parking Brake	1	
16	36847432	Bracket, Right	1	
17	96730387	Screw, Hex M10 - 1.5 X 75	2	
18	35857408	Cable, Hydraulic Brake 63-9/16"	2	
19	35602895	Clamp, 1/2" Dia.	2	
20	35602903	Plate, Clamp	2	
21	36889608	Screw, Hex M08 - 1.25 X 25	4	
22	36895746	Nutsert, Hex M08	4	

Remote Drains - Tandem



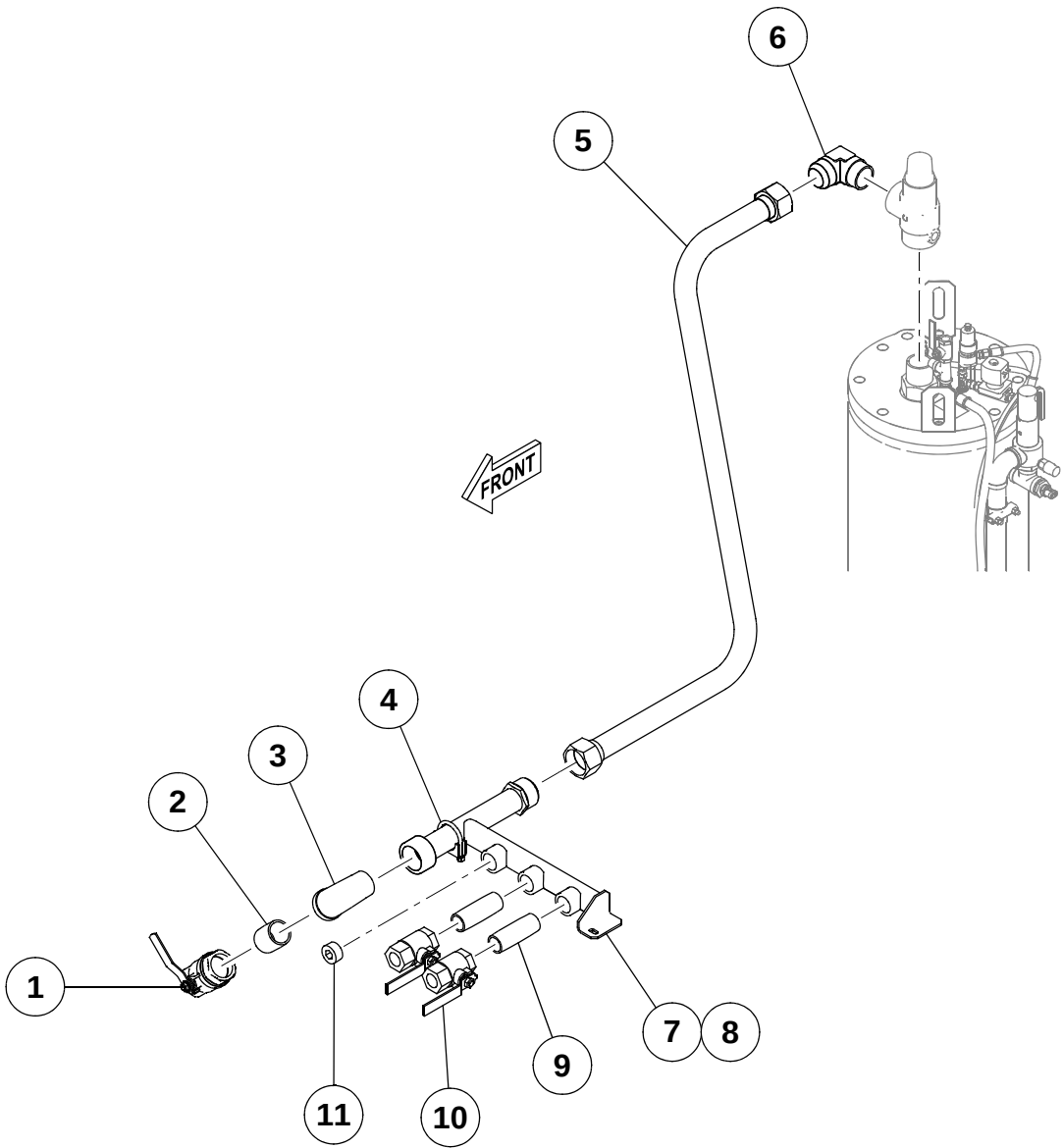
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35279025	Screw, Tapping M08 - 1.25 X 20	4	
2	35608694	Cap, Hex -12 JIC	3	
3	35321173	Fitting, Bulkhead 3/4" NPT X -12 JIC	3	
4	46557223	Bracket, Remote Drain 3-Hole	1	
5	36777399	Valve, T-Handle Ball 3/4" NPT	3	
6	35287044	Elbow, 90° 3/4" NPT X -8 JIC	2	
7	35283506	Hose Assembly, -8 JIC X 39"	1	
8	35287911	Elbow, 90° Swivel Nut -8 JIC X -8 JIC	1	
9	35283134	Connector, 1/4" NPT X -8 JIC	1	
10	35298512	Hose Assembly, -8 JIC X 30"	1	
11	35287937	Elbow, 90° 9/16" - 18 X -8 JIC	1	
12	35294735	Elbow, 90° 3/4" NPT X -12 JIC	1	
13	35287705	Hose Assembly, -12 JIC X 38"	1	
14	35301506	Elbow, 90° Swivel Nut -12 JIC X -12 JIC	1	
15	35287747	Fitting, Bulkhead 3/4" NPT X -12 JIC	1	
16	95953949	Bushing, Reducing 3/4" NPT X 1/2" NPT	1	
17	35326560	Adapter, 1/2" NPT X 5/8" Hose	1	
18	95220844	Clamp, Hose 5/8" ID	2	
19	35326578	Hose, Heater	21"	
20	22363584	Valve, Drain M22 - 1.5 X 5/8" Hose	1	
21	35278571	O-Ring, 1/2" ID	1	
22	46491635	Decal, Central Drain	1	

Central Drains - LRG



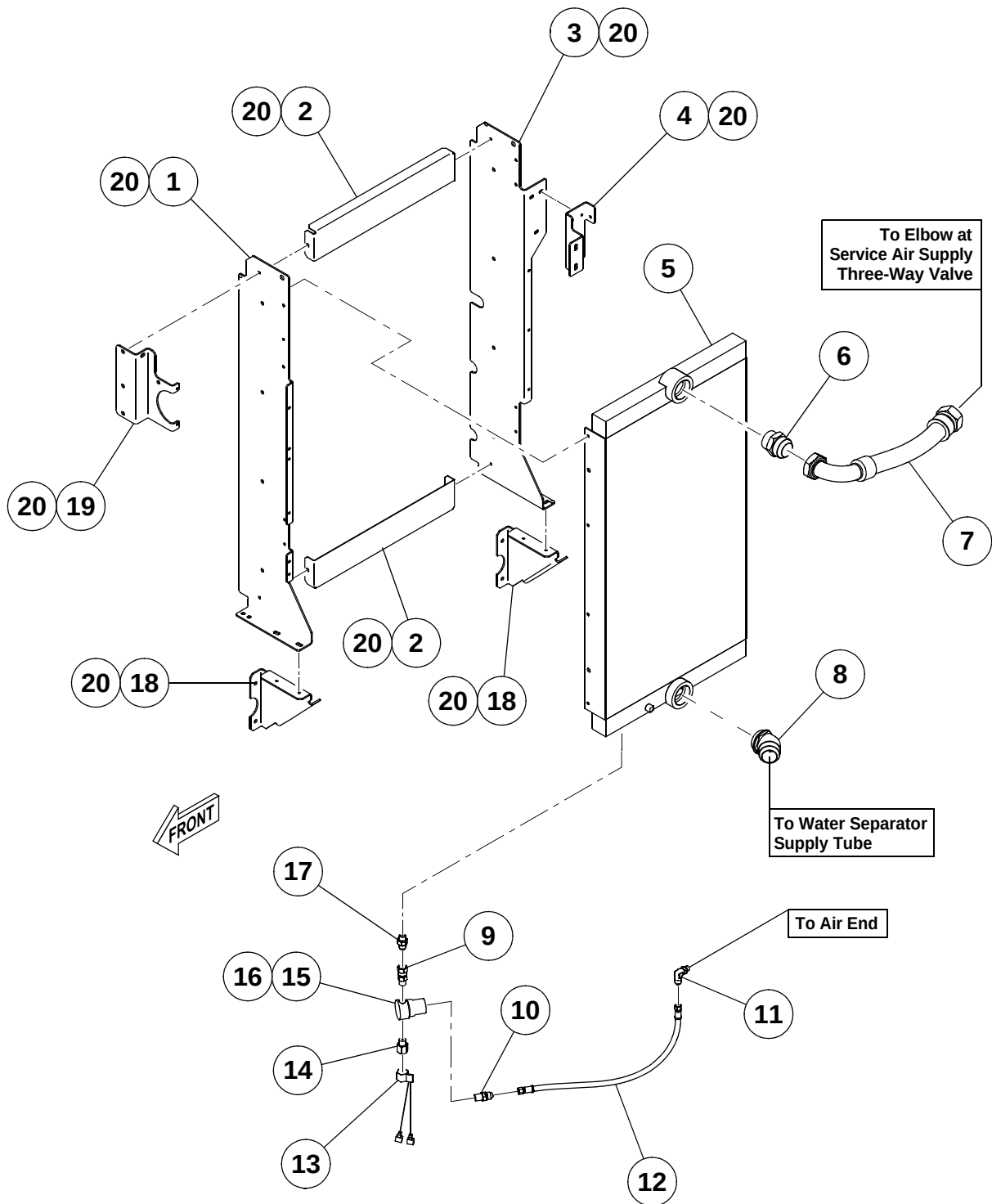
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35279025	Screw, Tapping M08 - 1.25 X 20	4	Measured in Inches
2	35608694	Cap, Hex -12 JIC	5	
3	35321173	Fitting, Bulkhead 3/4" NPT X -12 JIC	5	
4	22138515	Bracket, Central Drain 5-Hole	1	
5	36777399	Valve, T-Handle Ball 3/4" NPT	5	
6	35287044	Elbow, 90° 3/4" NPT X -8 JIC	2	
7	35283506	Hose Assembly, -8 JIC X 39"	1	
8	35287911	Elbow, 90° Swivel Nut -8 JIC X -8 JIC	1	
9	35283134	Connector, 1/4" NPT X -8 JIC	1	
10	35298512	Hose Assembly, -8 JIC X 30"	1	
11	35287937	Elbow, 90° 9/16"-18 X -8 JIC	1	
12	35294735	Elbow, 90° 3/4" NPT X -12 JIC	3	
13	35287705	Hose Assembly, -12 JIC X 38"	1	
14	35301506	Elbow, 90° Swivel Nut -12 JIC X -12 JIC	3	
15	35287747	Fitting, Bulkhead 3/4" NPT X -12 JIC	1	
16	95953949	Bushing, Reducing 3/4" NPT X 1/2" NPT	1	
17	35326560	Adapter, Hose 1/2" NPT X 5/8" Hose	1	
18	95220844	Clamp, Hose 5/8" ID	2	
19	35326578	Hose, Heater	21	
20	22363584	Valve, Drain M22 - 1.5 X 5/8" Hose	1	
21	35324961	Hose Assembly, -12 JIC X 105"	1	
22	39314828	Connector, Straight 1-5/16" - 12 X -12 JIC	1	
23	23366214	Hose Assembly, -12 JIC X 58"	1	
24	35295880	Connector, Straight 1" - 12 X -12 JIC	1	
25	35114081	Clamp, Support 1" ID	3	
26	46491635	Decal, Central Drain	1	
27	35278571	O-Ring, 1/2" ID	1	
28	35294768	O-Ring, 1" ID	1	

Service Air with Manifold - Less Aftercooler



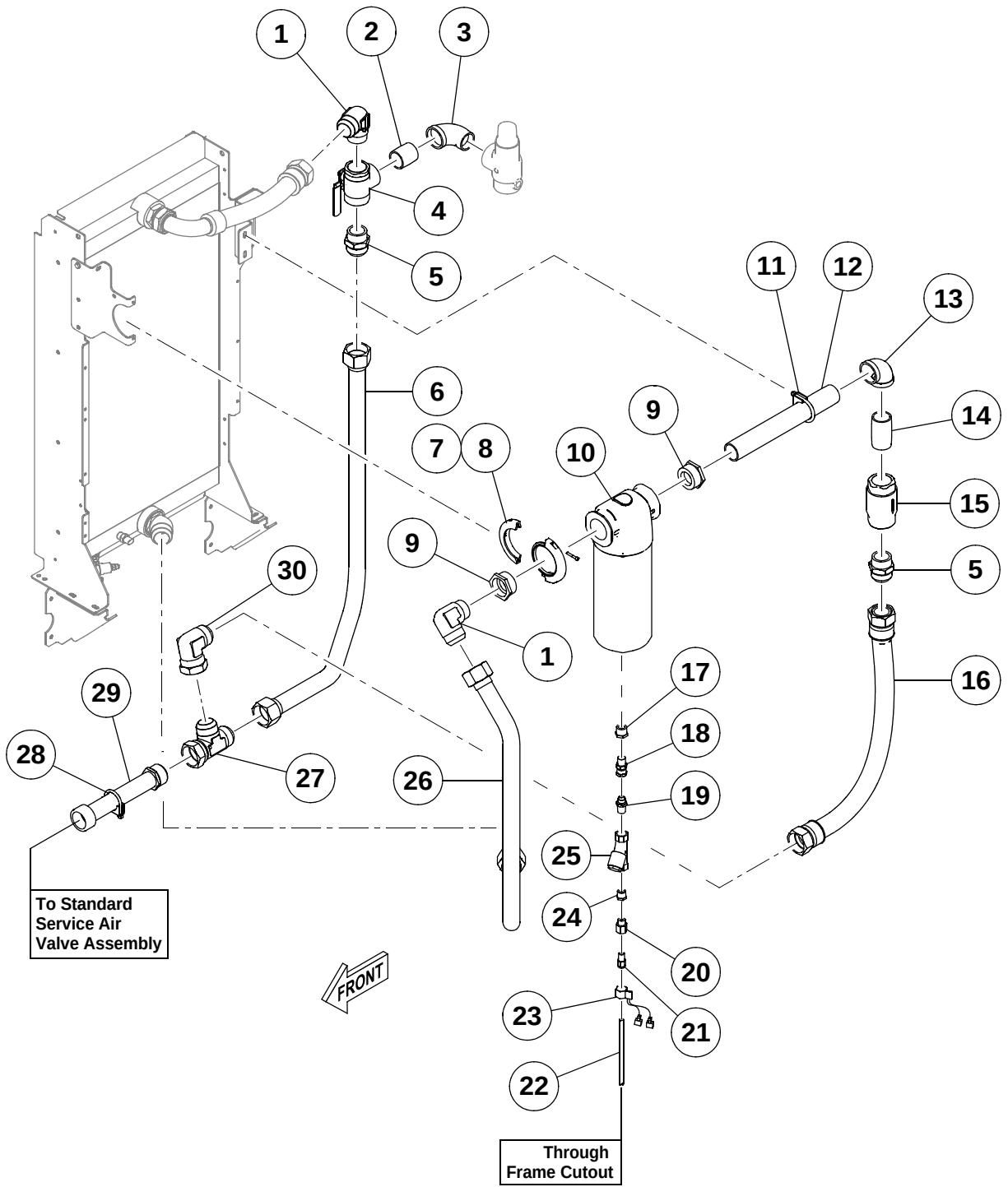
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35602473	Valve, Ball 2" NPT	1	
2	95953790	Nipple, Pipe 2" NPT	1	
3	95944674	Elbow, 90° Street 2" NPT	1	
4	35192178	Clamp Assembly, Saddle 2" ID	1	
5	22354815	Pipe, Service Air	1	
6	36786127	Elbow, 90° 2" NPT X -32 JIC	1	
7	22224232	Manifold Assembly, Service Air	1	
8	35279025	Screw, Tapping M08 - 1.25 X 20	1	
9	95953758	Nipple, Pipe 1-1/4" NPT	2	
10	35612126	Valve, Ball 1-1/4" NPT	2	
11	95928248	Plug, Hex Socket 1-1/4" NPT	1	

Aftercooler and Water Separator - Aftercooler Mounting



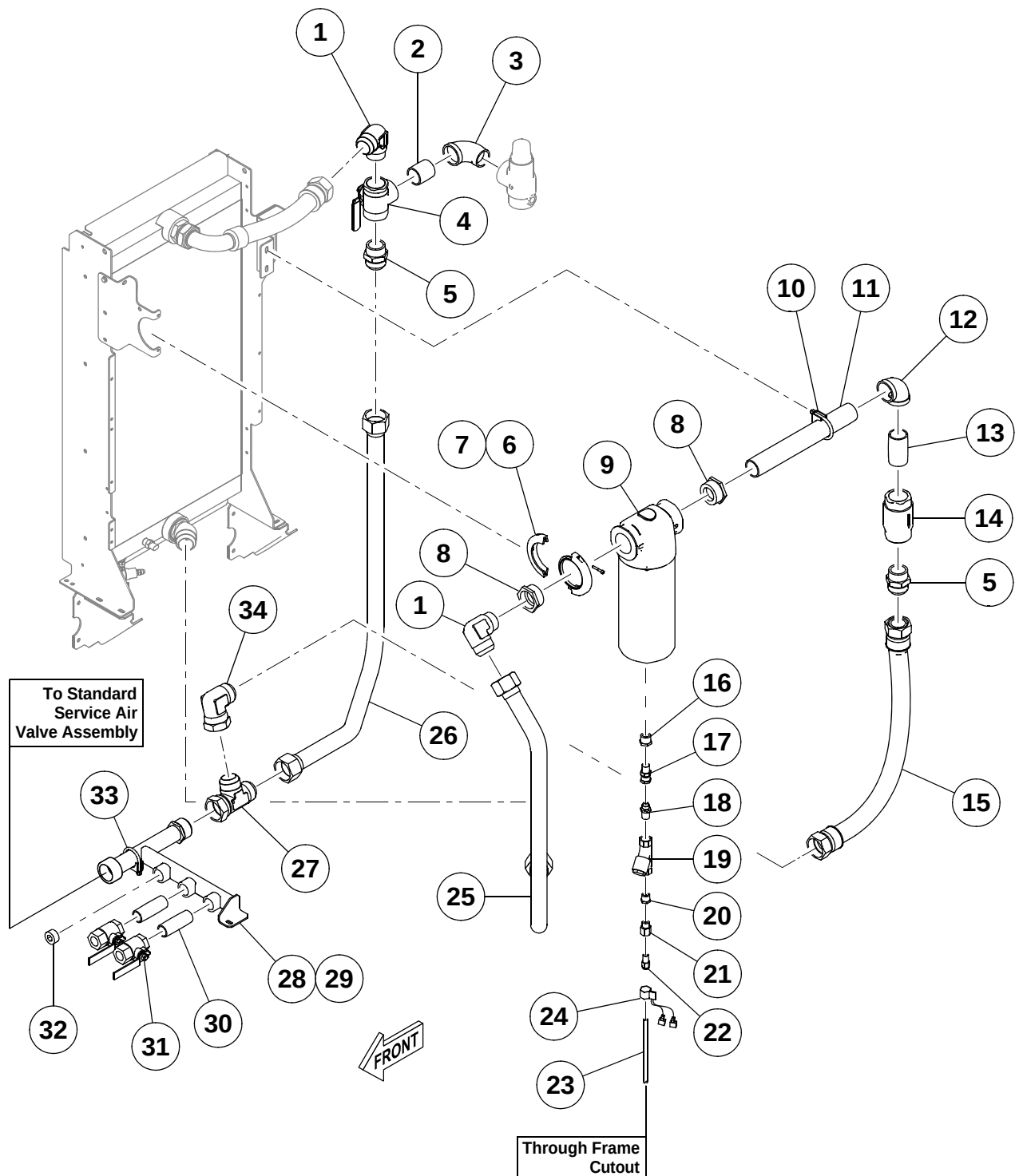
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46554027	Support, Aftercooler Front	1	
2	22395321	Baffle, Air Restraint	2	
3	46554036	Support, Aftercooler Rear	1	
4	46554074	Support, Pipe and Check Valve	1	
5	22222442	Aftercooler, Service Air	1	
6	35356500	Connector, 2-1/2" - 12 X -32 JIC	1	
7	22410211	Hose Assembly, -32 JIC X 23-1/2"	1	
8	95944732	Elbow, 45° 2-1/2" X -32 JIC	1	
9	95986121	Connector, 1/4" NPT X -6 JIC Swivel	1	
10	46547956	Connector, 1/4" NPT X -6 JIC	1	
11	35279827	Elbow, 90° 9/16" - 18 X -6 JIC	1	
12	35283001	Hose Assembly, -6 JIC X 47"	1	
13	36841526	Heater, Hex 3/4"	1	
14	35248319	Fitting, Orifice 3/32"	1	
15	35322379	Valve, Blowdown	1	
16	35379064	Repair Kit, Diaphragm	1	
17	46607999	Connector, 9/16" w/ O-Ring X -6 JIC	1	
18	22395420	Support, Aftercooler	2	
19	46554028	Support, Water Separator	1	
20	35279025	Screw, Tapping M08 - 1.25 X 20	30	
	46608680	Harness, Aftercooler Heater Option	1	Not Shown
	22503452	Decal, IQ Valve Position	1	Not Shown
	23255193	Decal, AC Logo 12-1/2" X 17-3/4"	2	Not Shown
	23140635	Decal, AC Logo 6" X 8"	2	Not Shown

Aftercooler and Water Separator with Standard Service Air



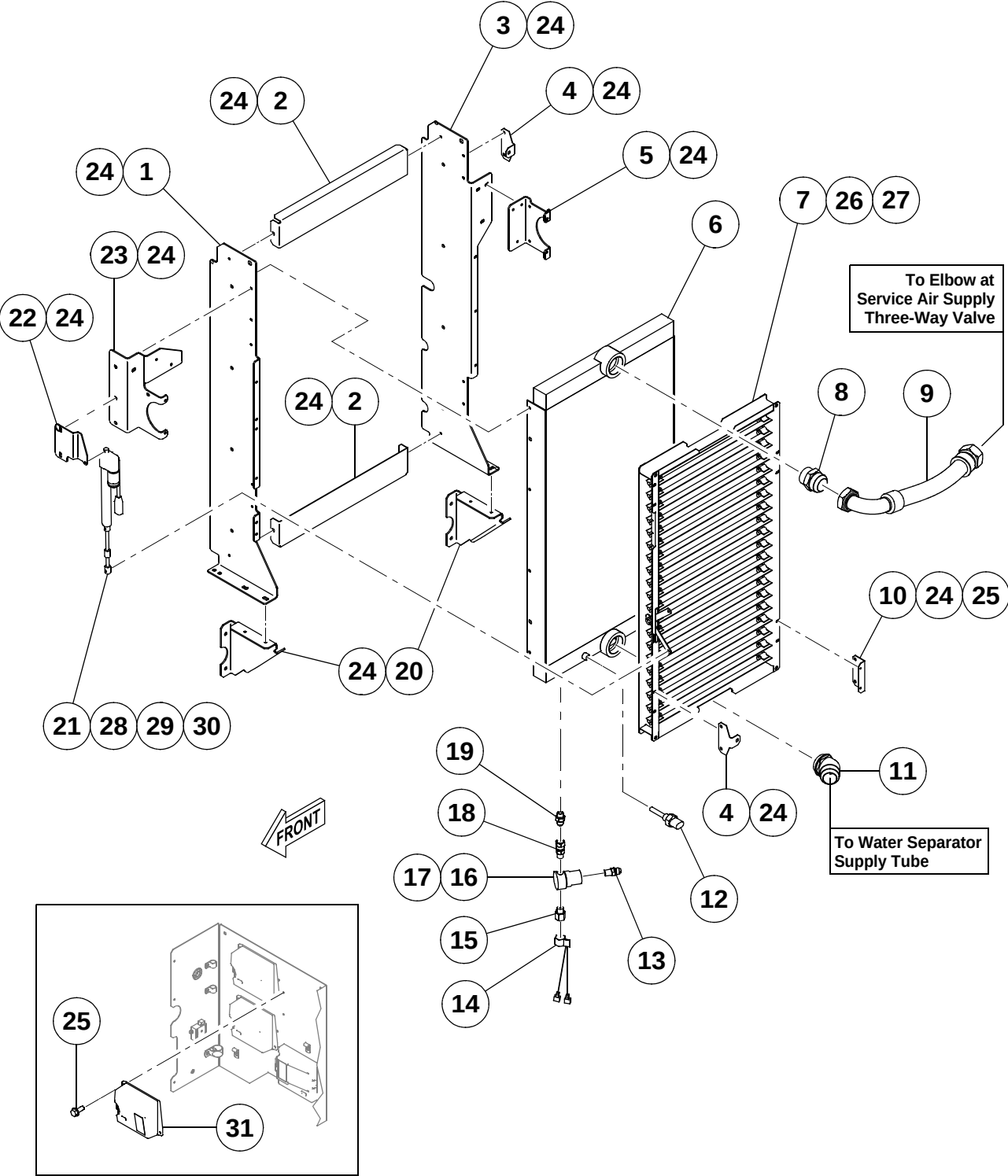
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36786127	Elbow, 90° 2" NPT X -32 JIC	2	Not Shown
2	95953790	Nipple, Pipe 2" NPT	1	
3	95944674	Elbow, 90° Street 2" NPT	1	
4	36922987	Valve, 3-Way 2" NPT	1	
5	35335124	Connector, 2" NPT X -32 JIC	2	
6	22223853	Tube Assembly, Service Air	1	
7	23187339	Clamp Assembly, #5 w/ Spacer	1	
8	23186786	Spacer, Clamp #5	1	
9	95953907	Bushing, Reducing 2-1/2" NPT X 2" FNPT	2	
10	23185978	Separator, Water	1	
11	35302223	Clamp Assembly, Saddle 2-1/4" ID	1	
12	36851061	Pipe, 2" X 17"	1	
13	95946281	Elbow, 90° 2" NPT	1	
14	95946174	Nipple, Pipe 2" NPT	1	
15	36920221	Valve, Ball Cone Check 2" NPT	1	
16	35256122	Hose Assembly, -32 JIC X 35"	1	
17	95245353	Bushing, Reducing 1/2" NPT X 3/8" NPT	1	
18	46608802	Connector, Swivel 3/8" NPT X -6 JIC	1	
19	46593959	Connector, 3/8" NPT X -6 JIC	1	
20	37081528	Fitting, Orifice 1/16"	1	
21	35369347	Connector, 1/4" NPT X 3/8" Tube	1	Measured in Inches
22	35356484	Tubing, 3/8" OD	50	
23	36841526	Heater, Hex 3/4"	1	
24	95245346	Bushing, Reducing 3/8" NPT X 1/4" NPT	1	
25	36844579	Y-Strainer, 3/8" NPT	1	
26	46556283	Tube Assembly, Water Separator IN	1	
27	95976965	Tee, Swivel Run -32 JIC	1	
28	35192178	Clamp Assembly, Saddle 2" ID	1	
29	22223879	Tube Assembly	1	
30	95928313	Elbow, 90° -32 JIC	1	

Aftercooler and Water Separator with Service Air Manifold



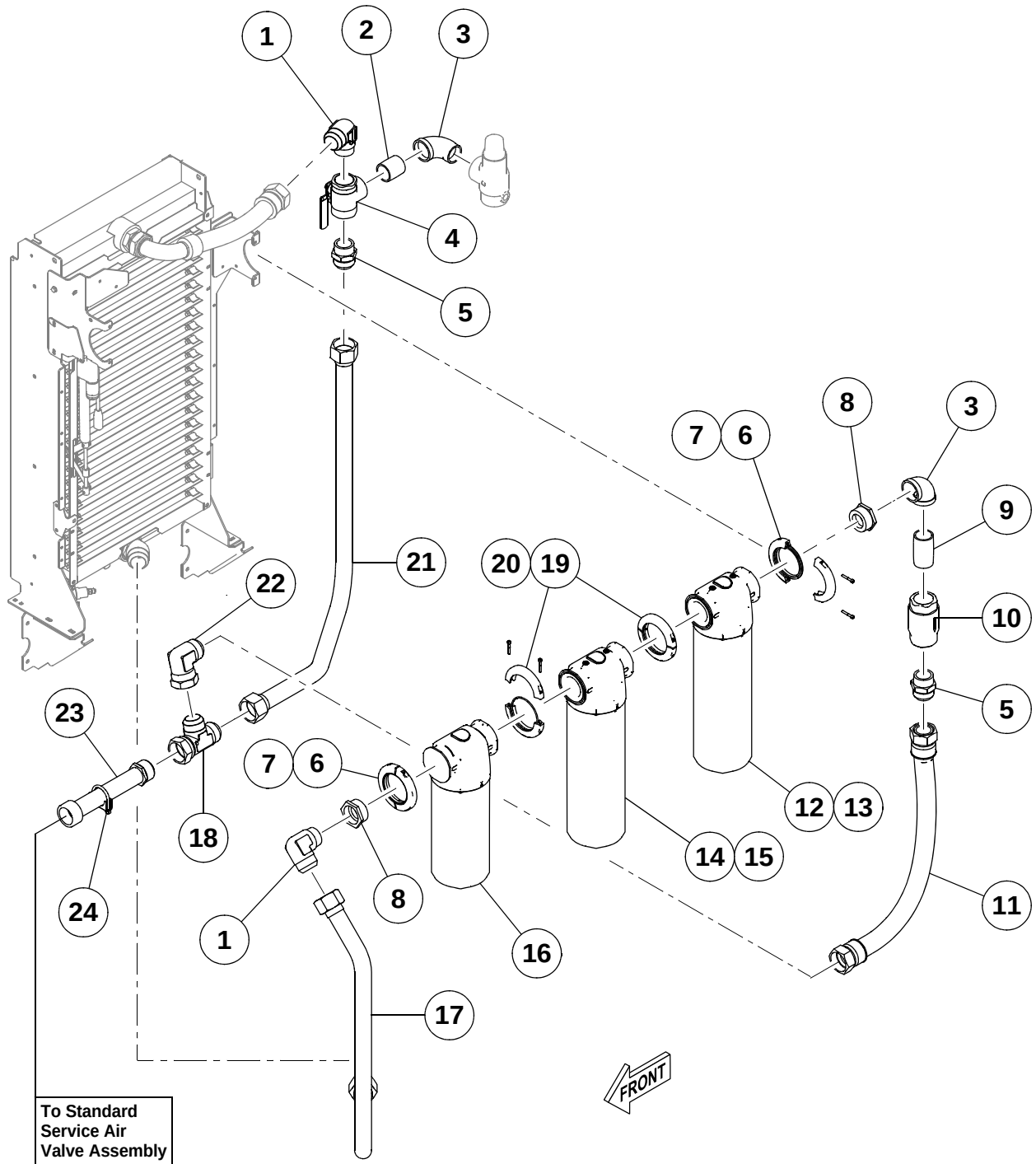
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36786127	Elbow, 90° 2" NPT X -32 JIC	2	Two Per Package Not Shown
2	95953790	Nipple, Pipe 2" NPT	1	
3	95944674	Elbow, 90° Street 2" NPT	1	
4	36922987	Valve, 3-Way 2" NPT	1	
5	35335124	Connector, 2" NPT X -32 JIC	2	
6	23187339	Clamp Assembly, #5 w/ Spacer	1	
7	23186786	Spacer, Clamp #5	1	
8	95953907	Bushing, Reducing 2-1/2" NPT x 2" FNPT	2	
9	23185978	Separator, Water	1	
10	35302223	Clamp Assembly, Saddle 2-1/4" ID	1	
11	36851061	Pipe, 2" X 17"	1	
12	95946281	Elbow, 90° 2" NPT	1	
13	95946174	Nipple, Pipe 2" NPT	1	
14	36920221	Valve, Ball Cone Check 2" NPT	1	
15	35256122	Hose Assembly, -32 JIC X 35"	1	
16	95245353	Bushing, Reducing 1/2" NPT X 3/8" NPT	1	
17	46608802	Connector, Swivel 3/8" NPT X -6 JIC	1	
18	46593959	Connector, 3/8" NPT X -6 JIC	1	
19	36844579	Y-Strainer, 3/8" NPT	1	
20	95245346	Bushing, Reducing 3/8" NPT X 1/4" NPT	1	
21	37081528	Fitting, Orifice 0.063"	1	
22	35369347	Connector, 1/4" NPT X 3/8" Tube	1	
23	35356484	Tubing, 3/8" OD	50	Measured in Inches
24	36841526	Heater, Hex 3/4"	1	
25	46556283	Tube Assembly, Water Separator IN	1	
26	22223853	Tube Assembly, Service Air	1	
27	95976965	Tee, Swivel Run, -32 JIC	1	
28	22224232	Manifold Assembly, Service Air	1	
29	35279025	Screw, Tapping M08 - 1.25 X 20	1	
30	95953758	Nipple, Pipe 1-1/4" NPT	2	
31	35612126	Valve, Ball 1-1/4" NPT	2	
32	95928248	Plug, Hex Socket 1-1/4" NPT	1	
33	35192178	Clamp Assembly, Saddle 2" ID	1	
34	95928313	Elbow, 90° -32 JIC	1	

IQ System - Aftercooler Mounting



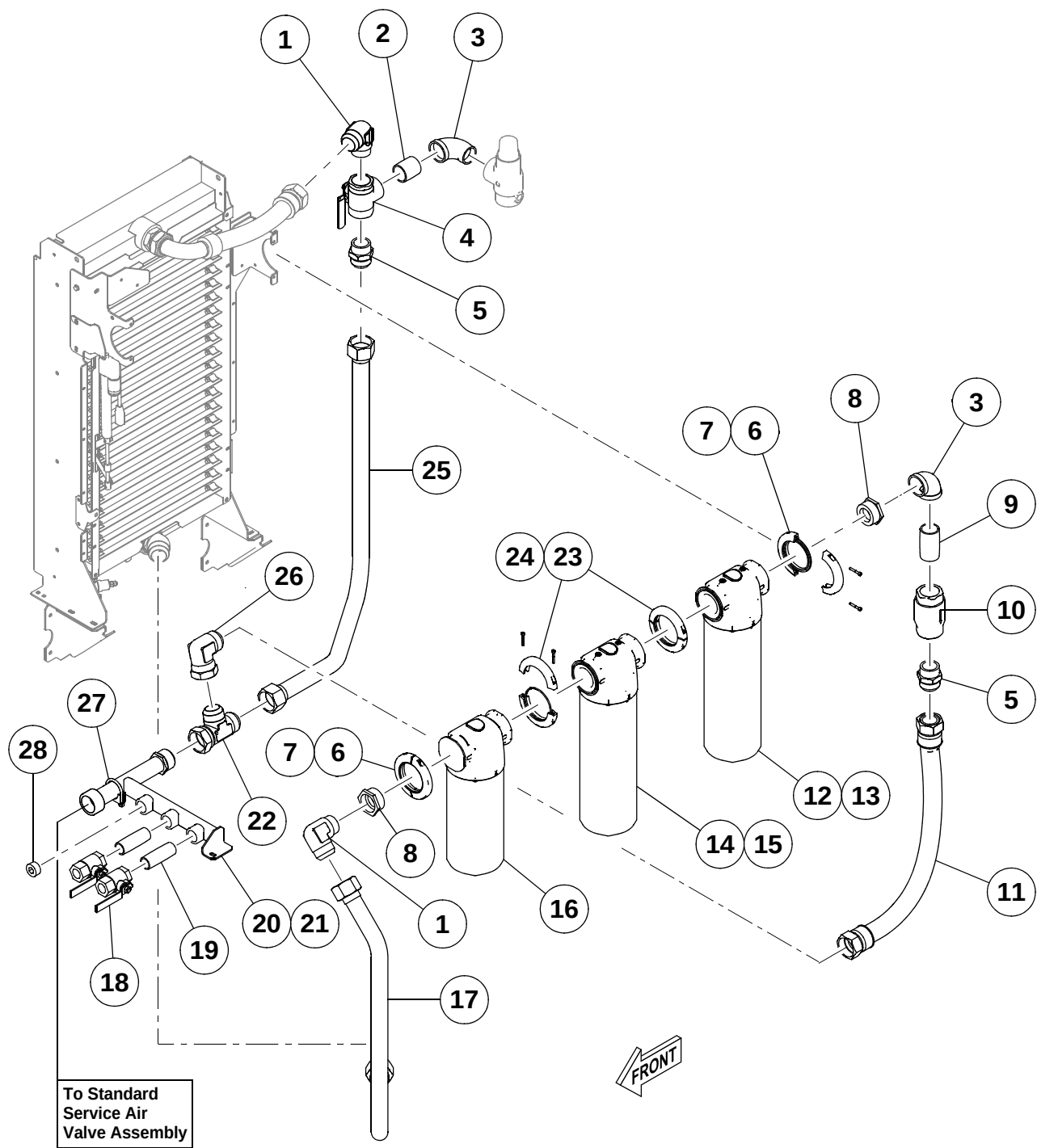
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46554027	Support, Aftercooler Front	1	
2	22395321	Baffle, Air Restraint	2	
3	46554036	Support, Aftercooler Rear	1	
4	22926380	Support, Louver	2	
5	46554034	Support, IQ Filter	1	
6	22222442	Aftercooler, Service Air	1	
7	22402523	Louver Set	1	
8	35356500	Connector, 2-1/2" - 12 X -32 JIC	1	
9	22410211	Hose Assembly, -32 JIC X 23-1/2"	1	
10	22402846	Support, Louver	1	
11	95944732	Elbow, 45° 2-1/2" X -32 JIC	1	
12	23294820	Sensor, Temperature 3/8" NPT	1	
13	46547956	Connector, 1/4" NPT X -6 JIC	1	
14	36841526	Heater, Hex 3/4"	1	
15	35248319	Fitting, Orifice 0.094"	1	
16	35322379	Valve, Blowdown	1	
17	35379064	Repair Kit, Diaphragm	1	
18	95986121	Connector, 1/4" NPT X -6 JIC Swivel	1	
19	46607999	Connector, 9/16" w/ O-Ring X -6 JIC	1	
20	22395420	Support, Aftercooler	2	
21	36898310	Actuator, Linear	1	
22	46556433	Support, Actuator	1	
23	46595179	Support, Water Separator and Transducer	1	
24	35279025	Screw, Tapping M08 - 1.25 X 20	36	
25	36797652	Screw, Tapping M06 - 1.0 X 12	4	
26	36889608	Screw, Hex Flange M08 - 1.25 X 25	2	
27	36881886	Nut, Hex Flange M08 - 1.25	2	
28	95934568	Screw, Hex 1/4" - 20 X 2"	2	
29	95923298	Nut, Hex 1/4" - 20	2	
30	95935029	Washer, Flat 1/4" ID	5	
31	46569499	Controller Assembly, IQ TCU	1	
32	46599621	Harness, IQ Option	1	Not Shown
	46559972	Card Set, IQ Option	1	Not Shown
	22503452	Decal, IQ Valve Position	1	Not Shown
	36534642	Decal, IQ Logo 12-1/2" X 17-3/4"	2	Not Shown
	36534766	Decal, IQ Logo 6" X 8"	2	Not Shown

IQ System with Standard Service Air



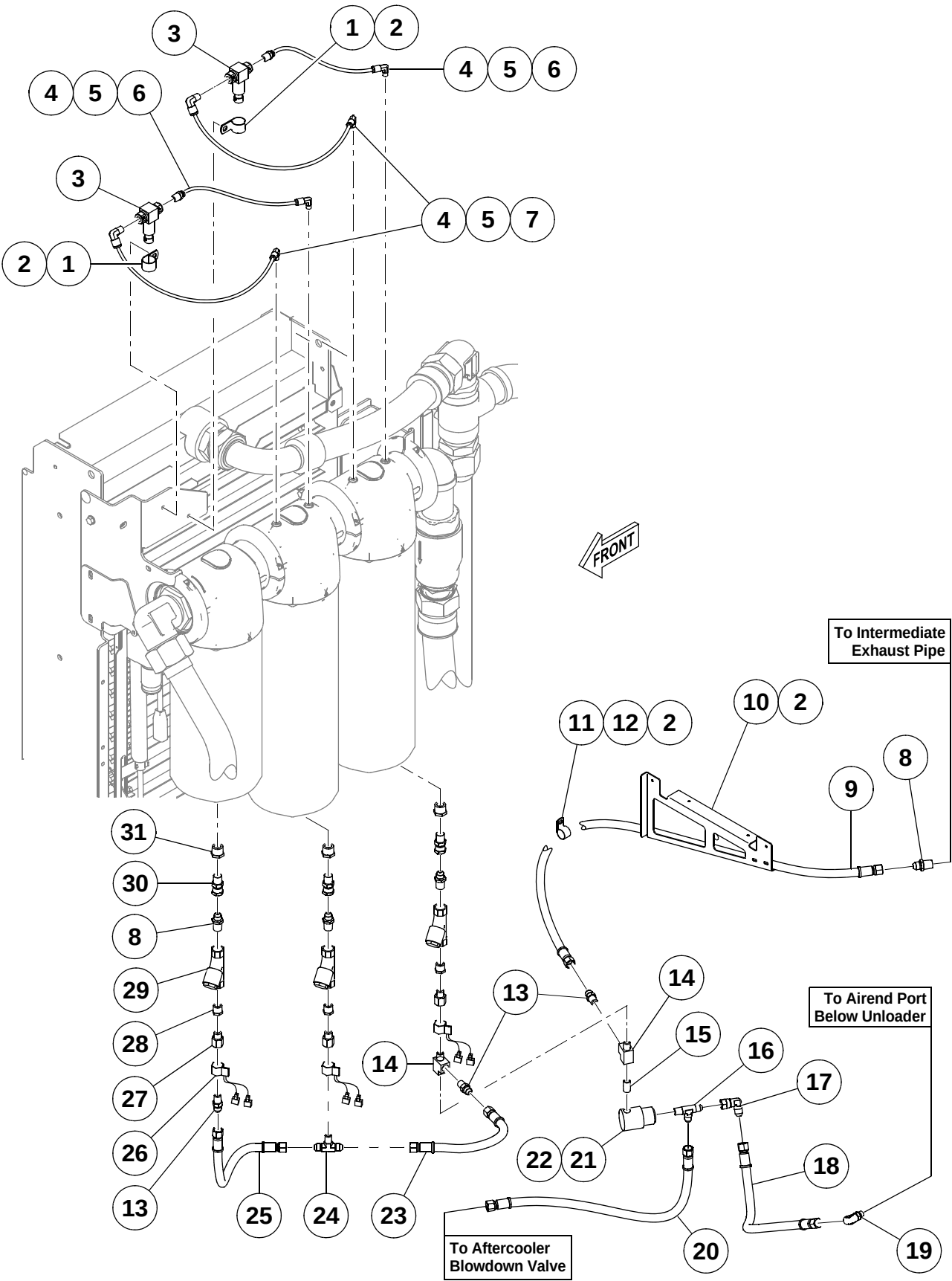
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36786127	Elbow, 90° 2" NPT X -32 JIC	2	Two Per Package Not Shown
2	95953790	Nipple, Pipe 2" NPT	1	
3	95944674	Elbow, 90° Street 2" NPT	2	
4	36922987	Valve, 3-Way 2" NPT	1	
5	35335124	Connector, 2" NPT X -32 JIC	2	
6	23187339	Clamp Assembly, #5 w/ Spacer	1	
7	23186786	Spacer, Clamp #5	1	
8	95953907	Bushing, Reducing 2-1/2" NPT X 2" FNPT	2	
9	95946174	Nipple, Pipe 2" NPT	1	
10	36920221	Valve, Ball Cone Check 2" NPT	1	
11	35256122	Hose Assembly, -32 JIC X 35"	1	
12	23186000	Filter, Secondary	1	
13	23186018	Element, Secondary Filter	1	
14	23185986	Filter, Primary	1	
15	23185994	Element, Primary Filter	1	
16	23185978	Separator, Water	1	
17	46556283	Tube Assembly, Water Separator IN	1	
18	95976965	Tee, Swivel Run -32 JIC	1	
19	23181597	Clamp Assembly, #5 w/ O-Ring	2	
20	23186778	O-Ring, Clamp #5	1	Not Shown
21	22223853	Tube Assembly, Service Air	1	
22	95928313	Elbow, 90° -32 JIC	1	
23	22223879	Tube Assembly	1	
24	35192178	Clamp Assembly, Saddle 2" ID	1	

IQ System with Service Air Manifold



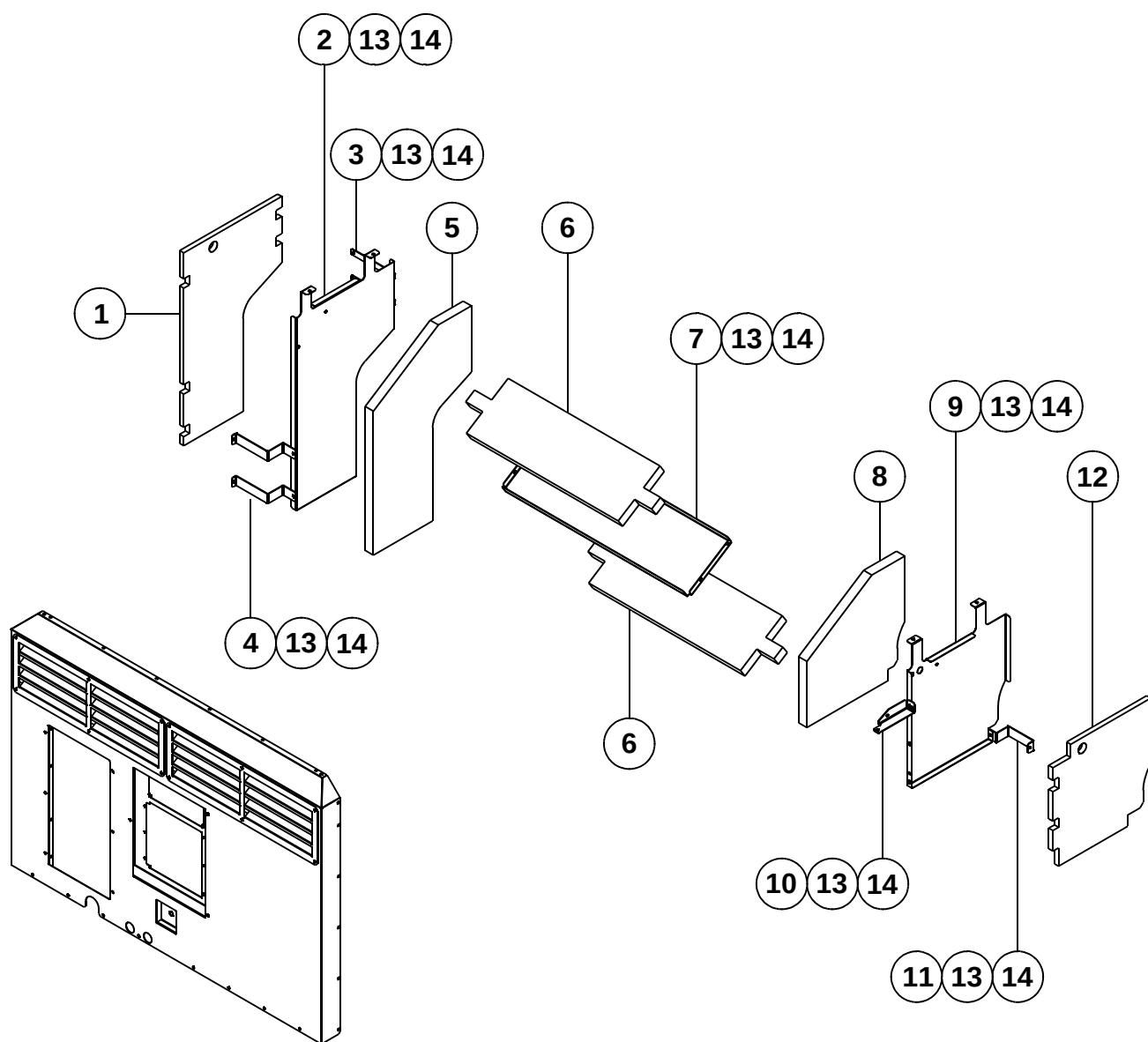
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36786127	Elbow, 90° 2" NPT X -32 JIC	2	Two Per Package Not Shown
2	95953790	Nipple, Pipe 2" NPT	1	
3	95944674	Elbow, 90° Street 2" NPT	2	
4	36922987	Valve, 3-Way 2" NPT	1	
5	35335124	Connector, 2" NPT X -32 JIC	2	
6	23187339	Clamp Assembly, #5 w/ Spacer	1	
7	23186786	Spacer, Clamp #5	1	
8	95953907	Bushing, Reducing 2-1/2" NPT X 2" FNPT	2	
9	95946174	Nipple, pipe 2" NPT	1	
10	36920221	Valve, Ball Cone Check 2" NPT	1	
11	35256122	Hose Assembly, -32 JIC X 35"	1	
12	23186000	Filter, Secondary	1	
13	23186018	Element, Secondary Filter	1	
14	23185986	Filter, Primary	1	
15	23185994	Element, Primary Filter	1	
16	23185978	Separator, Water	1	
17	46556283	Tube Assembly, Water Separator IN	1	
18	35612126	Valve, Ball 1-1/4" NPT	2	
19	95953758	Nipple, Pipe 1-1/4" NPT	2	
20	22224232	Manifold Assembly, Service Air	1	
21	35279025	Screw, Tapping M08 - 1.25 X 20	1	
22	95976965	Tee, Swivel Run -32 JIC	1	
23	23181597	Clamp Assembly, #5 w/ O-Ring	2	
24	23186778	O-Ring, Clamp #5	1	
25	22223853	Tube Assembly, Service Air	1	
26	95928313	Elbow, 90° -32 JIC	1	
27	35192178	Clamp Assembly, Saddle 2" ID	1	
28	95928248	Plug, Hex Socket 1-1/4" NPT	1	

IQ System - Drains and Filter Sensors



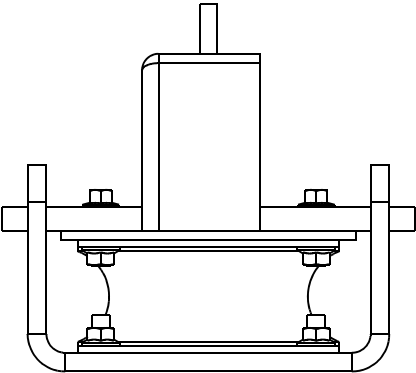
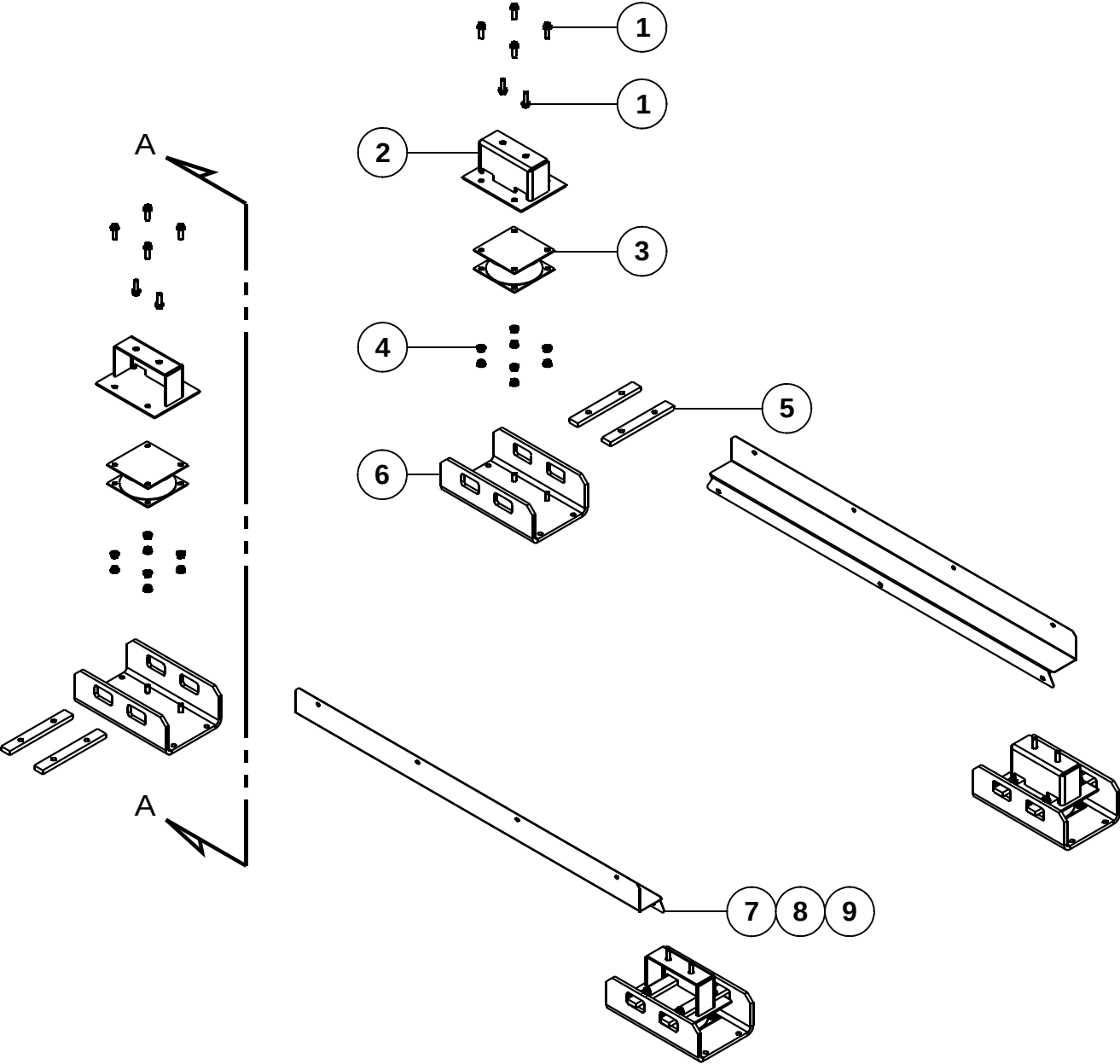
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35225085	Clamp, Tube 15/16" ID	2	Measured in Inches
2	35279025	Screw, Tapping M08 - 1.25 X 20	10	
3	46599239	Transducer, Pressure Differential 300 PSID	2	
4	35369370	Elbow, 90° 1/8" NPT X 1/4" Tube	4	
5	35333715	Tubing, 1/4" OD	64	
6	35614536	Connector, 1/4" NPT X 1/4" Tube	2	
7	35369362	Elbow, 90° 1/4" NPT X 1/4" Tube	2	
8	46593959	Connector, 3/8" NPT X -6 JIC	4	
9	46608800	Hose Assembly, -6 JIC X 138"	1	
10	46556912	Support, Condensate Hose	1	
11	35225077	Clamp, Support 11/16" ID	4	
12	36895746	Nutsert, Hex M08	4	
13	46547956	Connector, 1/4" NPT X -6 JIC	3	
14	35114545	Tee, Street 1/4" NPT	2	
15	95452025	Nipple, Pipe 1/4" NPT	1	
16	35283050	Tee, Run 1/4" NPT X -6 JIC	1	
17	35283068	Elbow, 90° Swivel Nut -6 JIC	1	
18	35282987	Hose Assembly, -6 JIC X 34"	1	
19	35279827	Elbow, 90° 9/16 - 18 X -6 JIC	1	
20	35284504	Hose Assembly, -6 JIC X 26"	1	
21	35322379	Valve, Blowdown	1	
22	35379064	Repair Kit, Diaphragm	1	
23	46608799	Hose Assembly, -6 JIC X 9-1/2"	1	
24	46608803	Tee, Branch 1/4" NPT X -6 JIC	1	
25	46604560	Hose Assembly, -6 JIC X 14-3/4"	1	
26	36841526	Heater, Hex 3/4"	3	
27	37081528	Fitting, Orifice 0.063"	3	
28	95245346	Bushing, Reducing 3/8" NPT X 1/4" NPT	3	
29	36844579	Y-Strainer, 3/8" NPT	3	
30	46608802	Connector, Swivel 3/8" NPT X -6 JIC	3	
31	95245353	Bushing, Reducing 1/2" NPT X 3/8" NPT	3	

Aftercooler and IQ System - Interior Acoustic Panels



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46555668	Panel, Inlet Baffle Acoustic 1" Curbside	1	
2	46554817	Baffle, Air Intake Front Curbside	1	
3	46572699	Strap, Baffle Curbside	2	
4	46554860	Support, IQ Baffle Curbside	2	
5	46555667	Panel, Inlet Baffle Acoustic Curbside	1	
6	46555669	Panel, Middle Air Intake Baffle Acoustic	2	
7	46554816	Baffle, Middle Air Intake Front	1	
8	46554870	Panel, Inlet Baffle Acoustic Streetside	1	
9	46555610	Baffle, Air Intake Front Streetside	1	
10	46556253	Support, Baffle Front Streetside	1	
11	46553532	Support, Baffle	1	
12	46554869	Panel, Inlet Baffle Acoustic 1" Streetside	1	
13	36895746	Nutsert, Hex M08	16	
14	35279025	Screw, Tapping M08 - 1.25 X 20	20	

Less Running Gear



View A-A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36877793	Screw, Hex Flange M12 - 1.75 X 40	24	
2	22329759	Support, Upper Mounting	4	
3	36754893	Mount, Sandwich Isolator	4	
4	36879203	Nut, Hex Flange M12 - 1.75	32	
5	36898351	Bar, Restriction	8	
6	36898369	Support, Lower Mounting	4	
7	46555914	Panel, Lower Side Filler	2	
8	35279025	Screw, Tapping M08 - 1.25 X 20	6	
9	36895746	Nutsert, Hex M08	8	

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22138515	123	22367163	43	23187339	129
22144497	43	22383319	89		131
22144513	43	22395321	127		135
22150361	93		133		137
22176572	56	22395420	127	23232762	71
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22182307	9	22402523	133	23255193	127
22188205	55	22402846	133	23264096	43
22208953	81	22410211	127		96
22211171	79		133	23281017	69
22213037	59	22476063	103	23294820	133
22217848	55	22489223	103	23294838	53
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22222442	127	22666382	71		96
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.....	137		97	35113646	43
22223879	129	22685531	55		105
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22224232	125	22769186	43	35114545	139
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22228860	41	22813919	101	35117605	51
22243281	81	22916019	93	35118728	23
22243299	81	22926380	133		119
22246722	37	23091812	73	35119395	59
22247191	9	23091820	73		69
22252191	85	23091838	73		71
22252209	85	23091853	73	35119718	61
22271738	51	23140635	127	35119858	51
22278212	13	23181597	135	35127653	27
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22283238	51	23185978	129		77
22285787	51		131	35130707	79
22291280	55		135		81
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22298343	89	23185986	135	35161025	51
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22298558	101	23185994	135		125
22298566	101		137		129
22303465	41	23186000	135		131
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22312599	69	23186018	135		137
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35256445	65		137		61
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35262963	35	35279827	37		123
35265388	77		127	35288141	47
35272558	29		139	35289578	49
35273366	79	35279850	63	35290147	61
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35274703	51	35279942	55	35294735	121
35274711	27		59		123
35278571	39	35282565	15	35294768	123
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35316884	17	35356302	105		113
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35326560	121	35358274	29		117
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35603224	23	36784882	13	36846426	31
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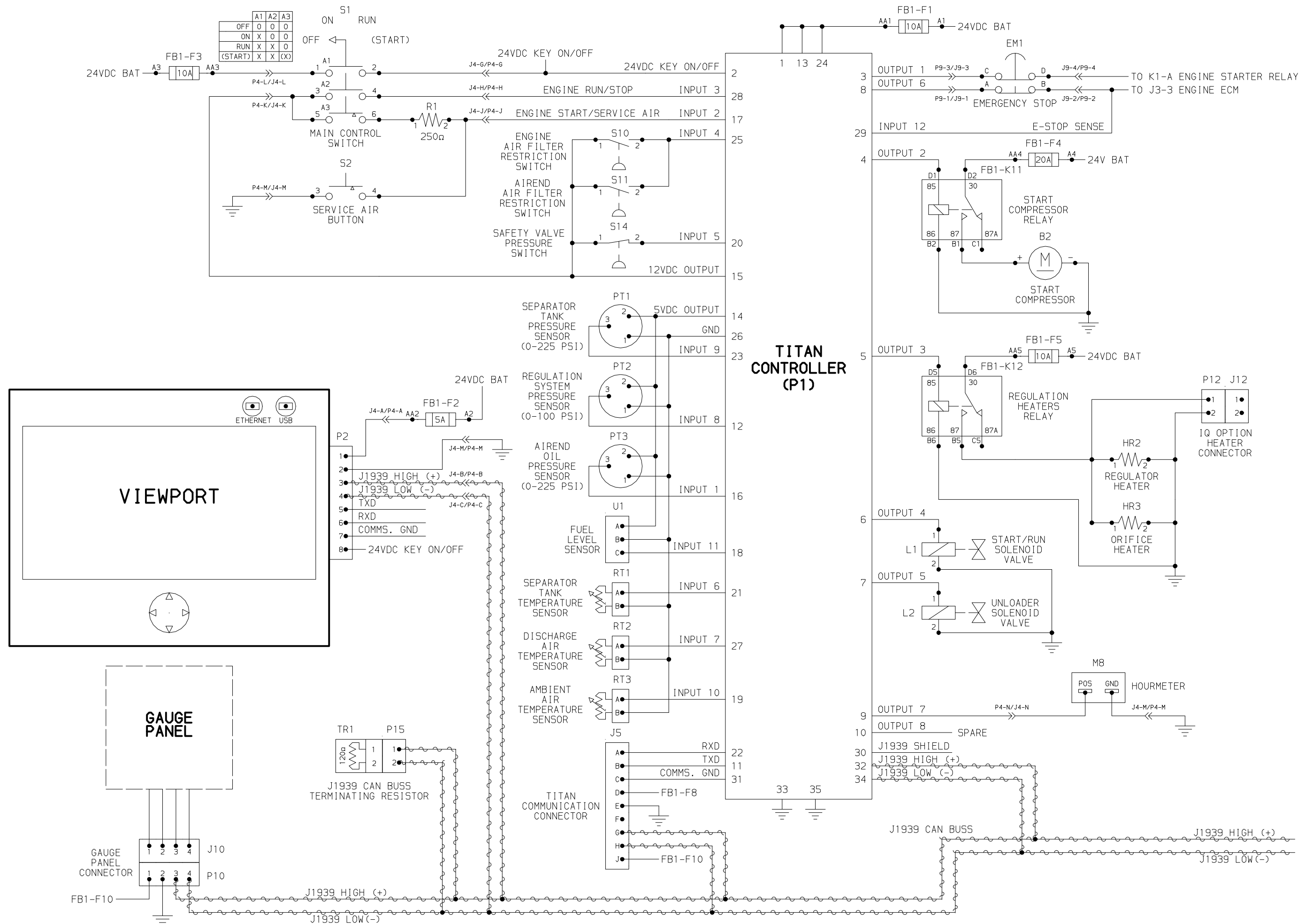
Y

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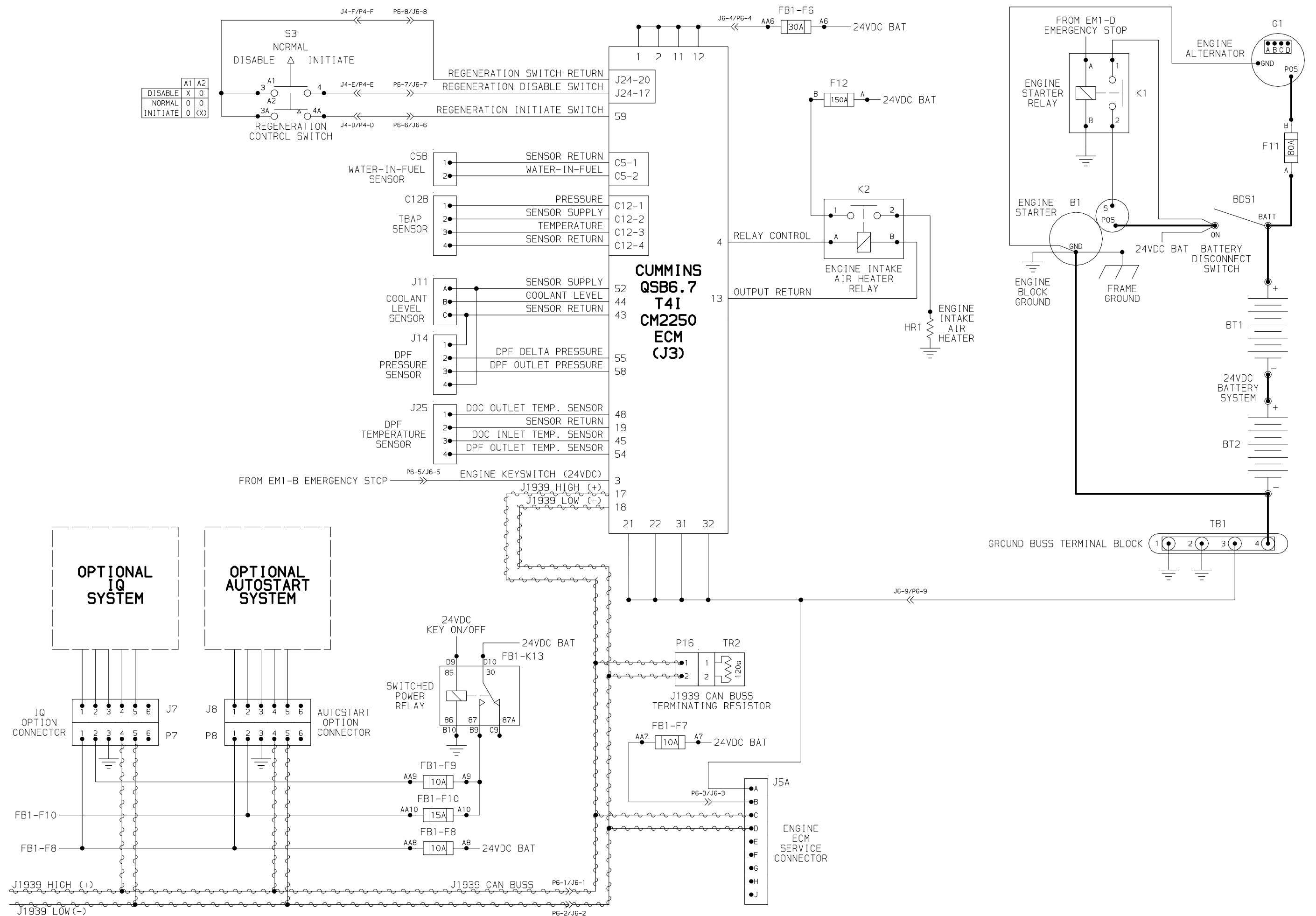
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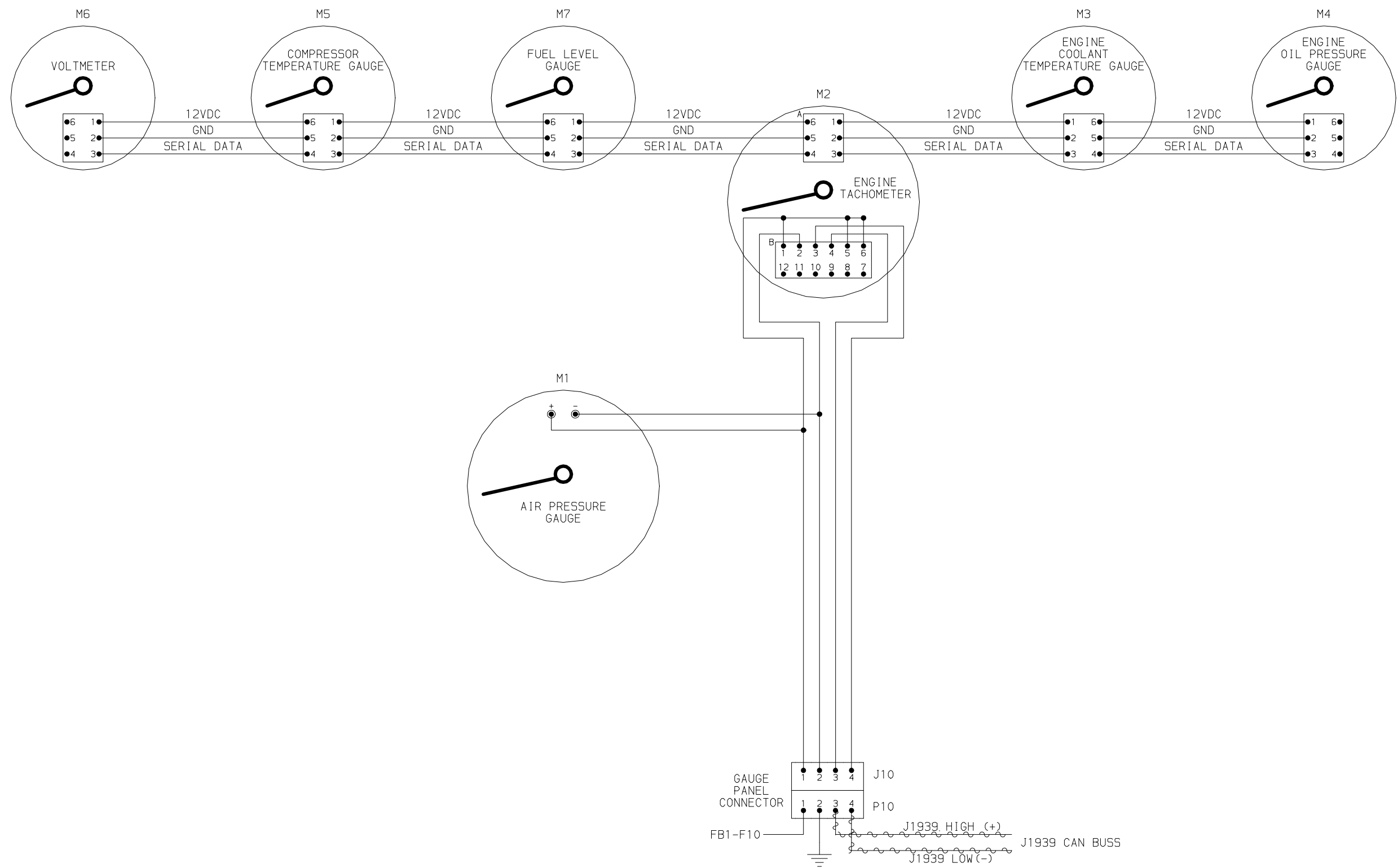
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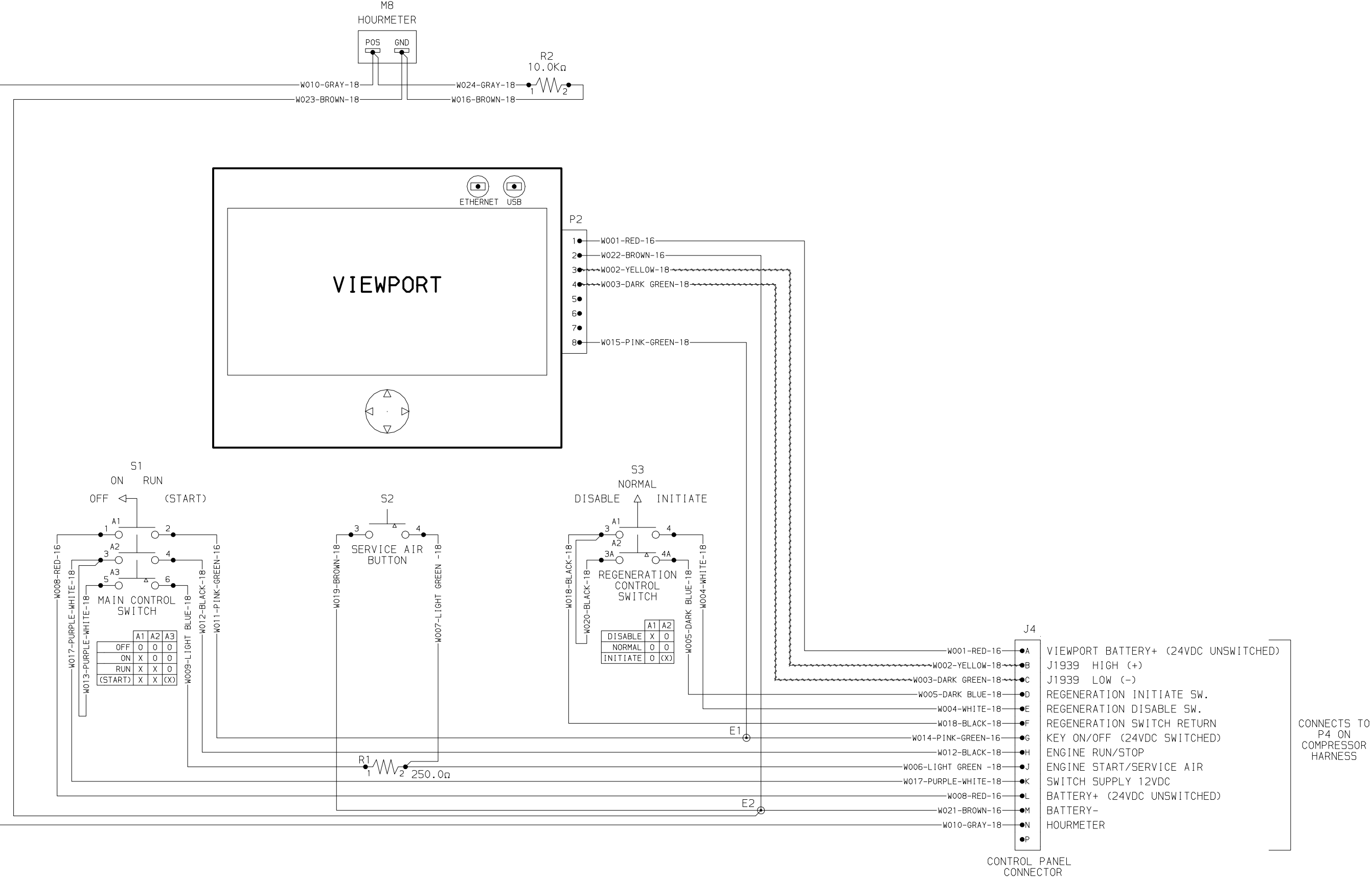
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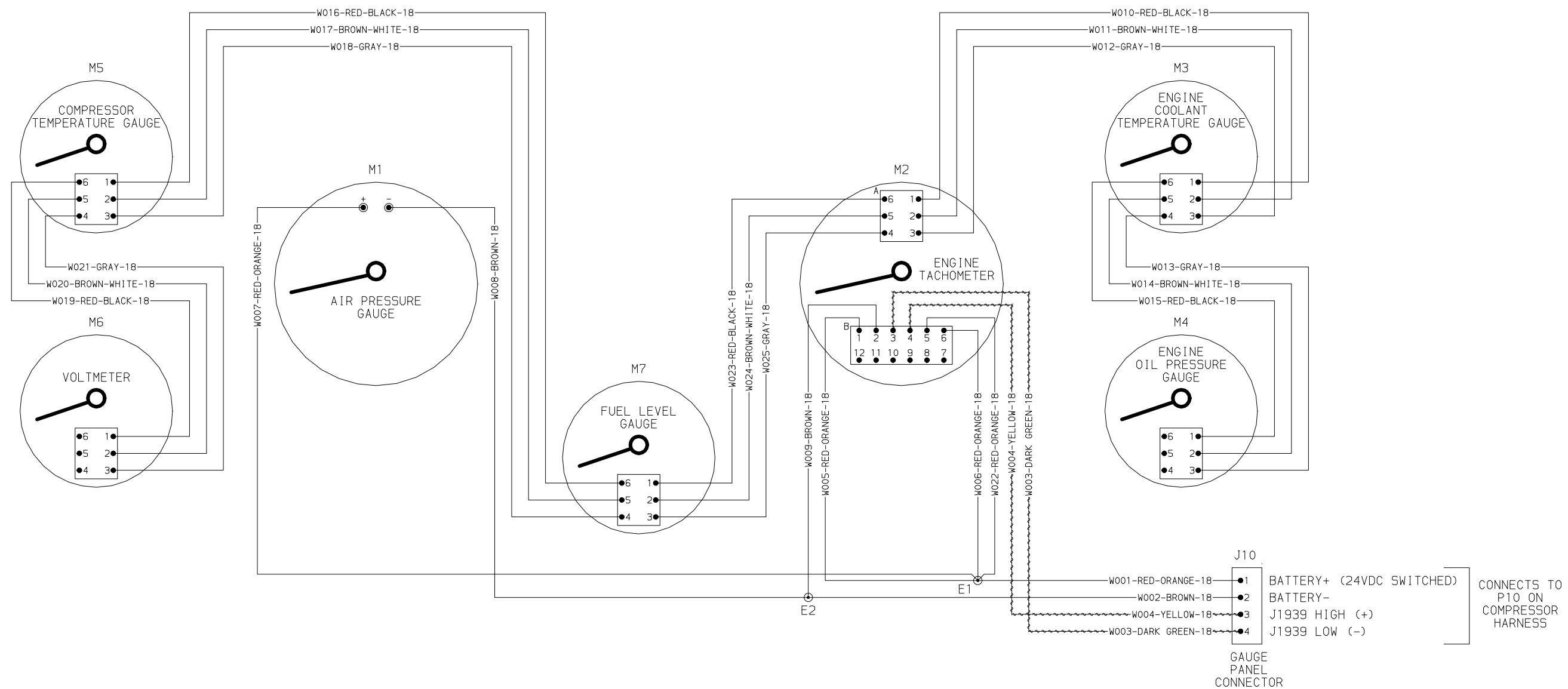
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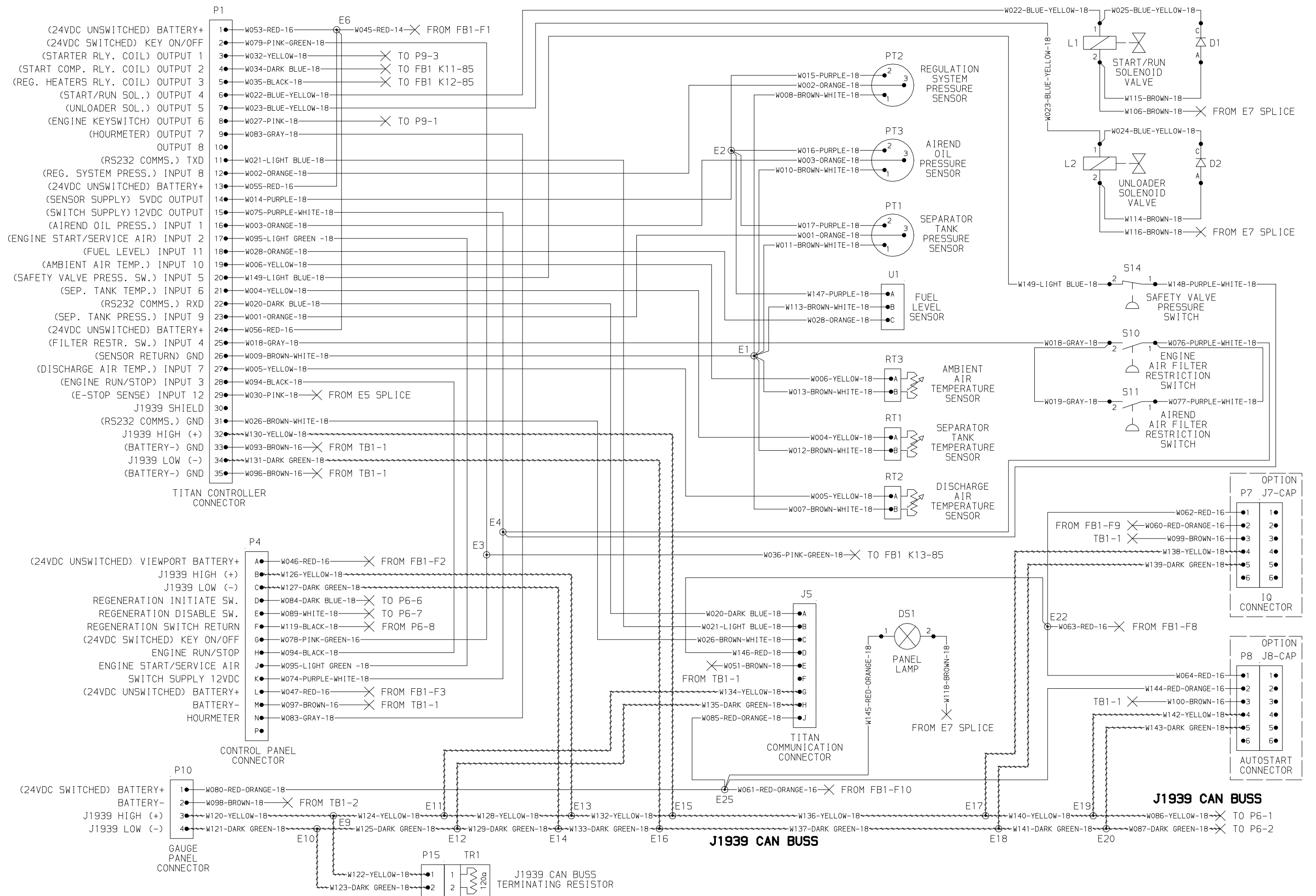
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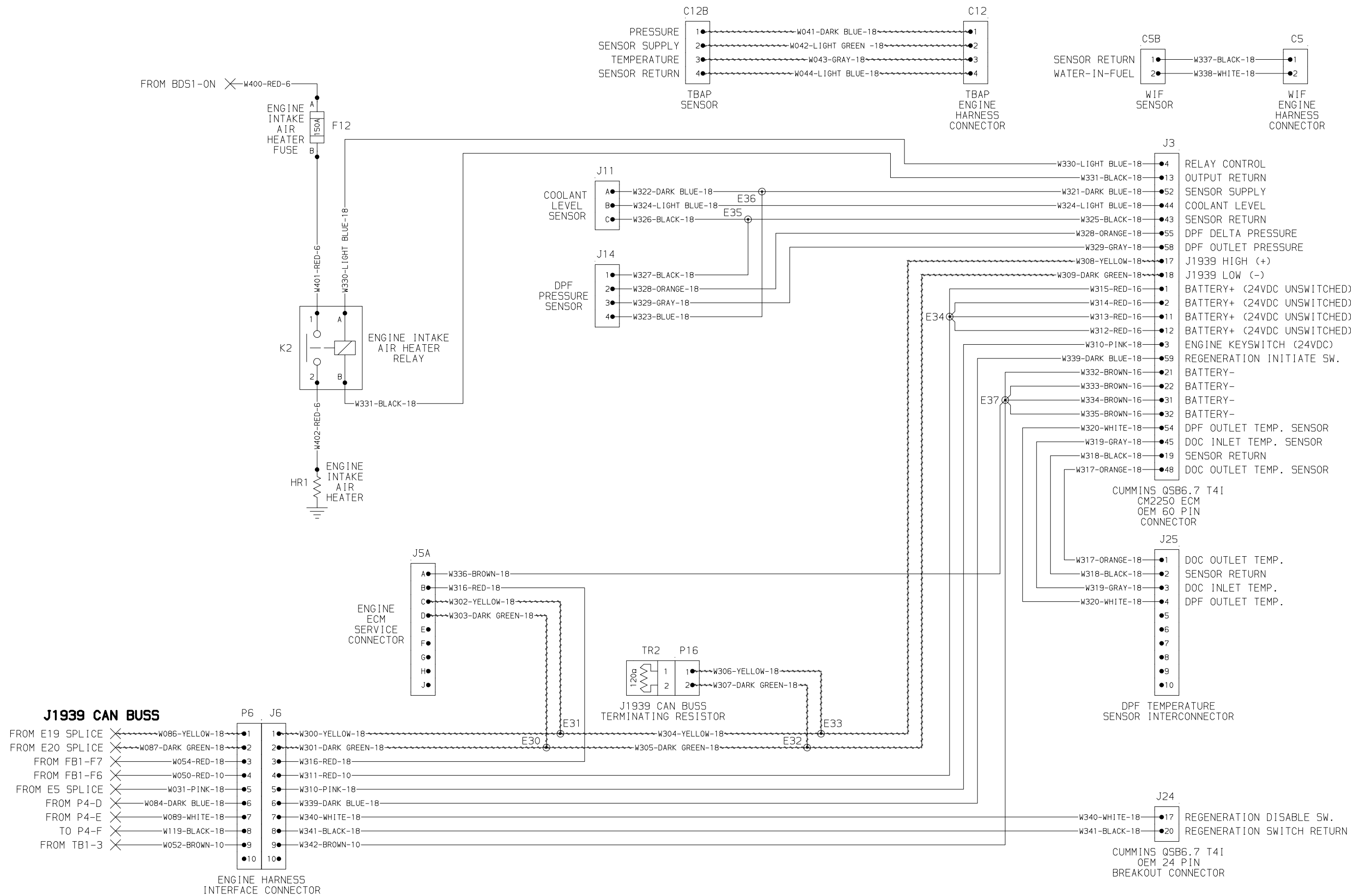


Control Panel Harness Schematic 46559023 Rev.C

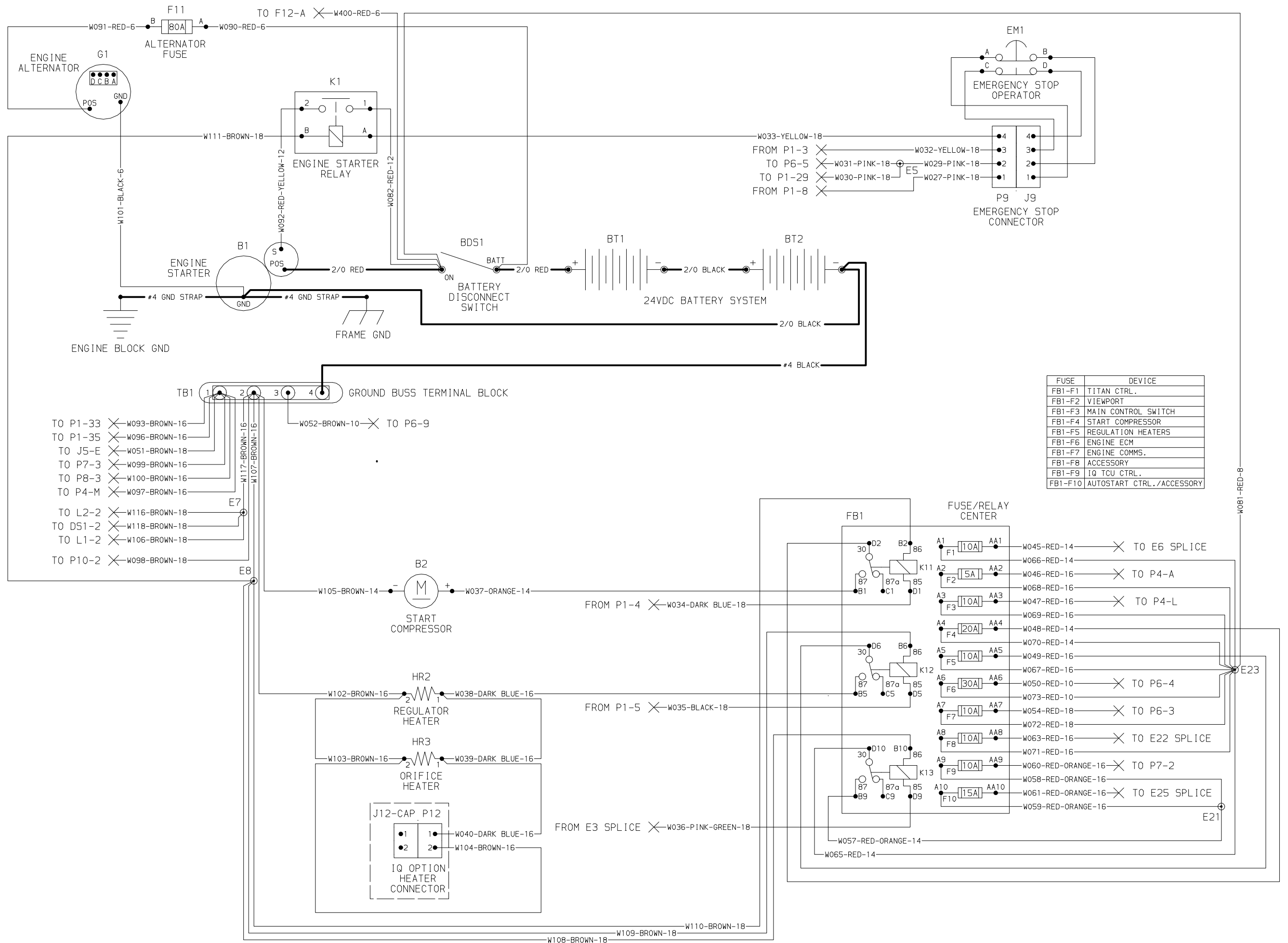


Gauge Panel Harness Schematic 46560941 Rev.C

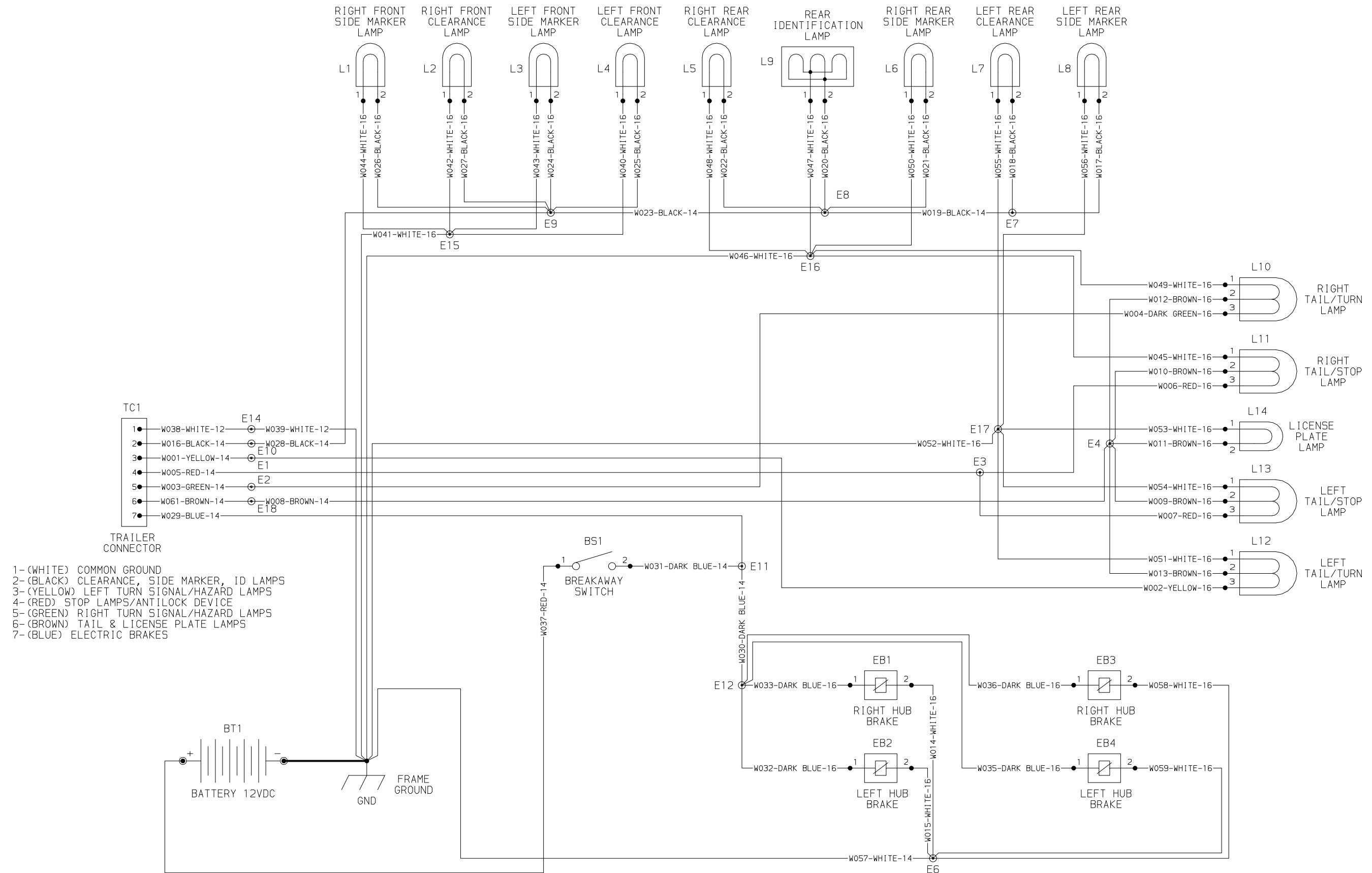




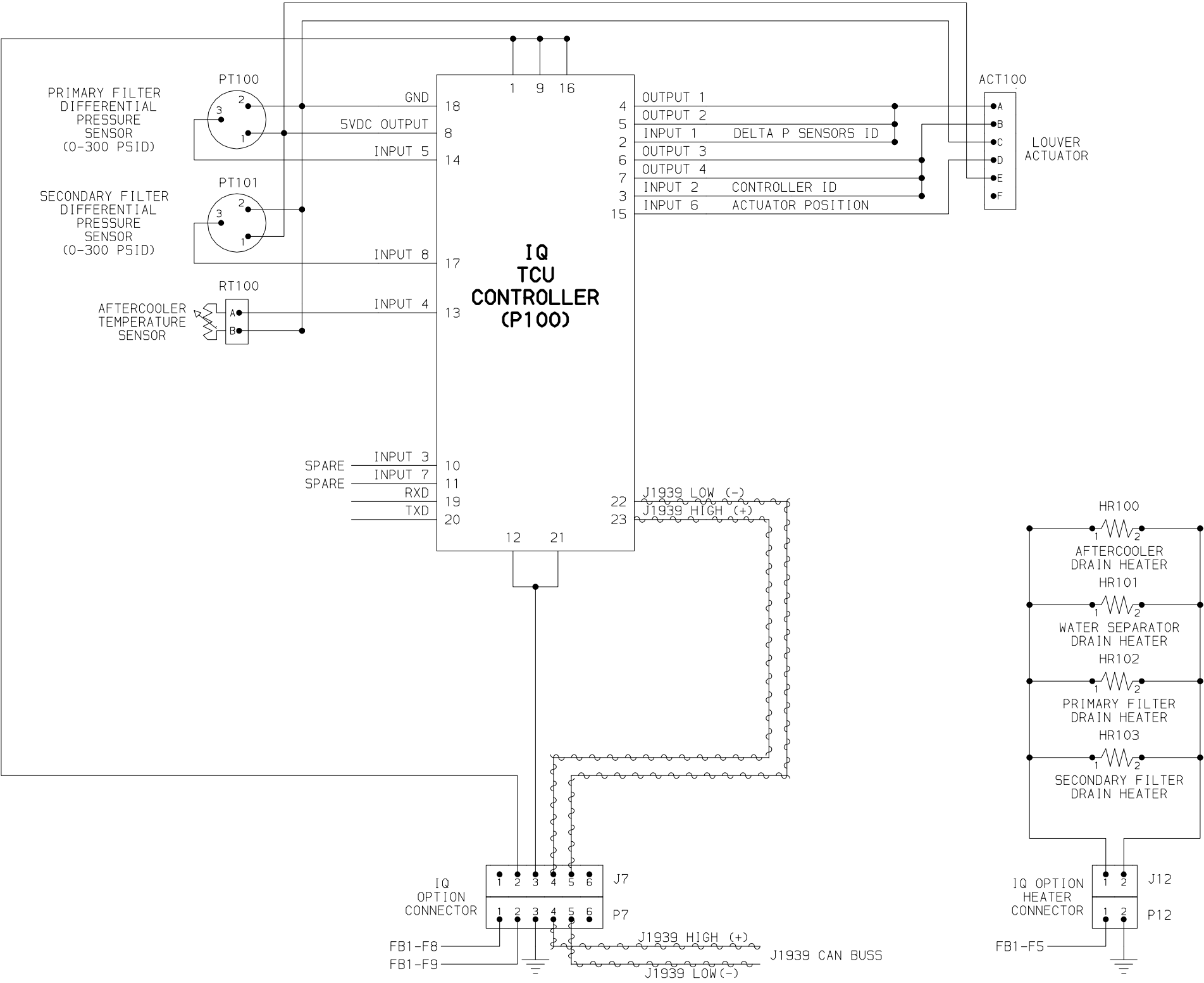
Compressor and Engine Harness Schematic 46559020 Rev.D (sheet 2)



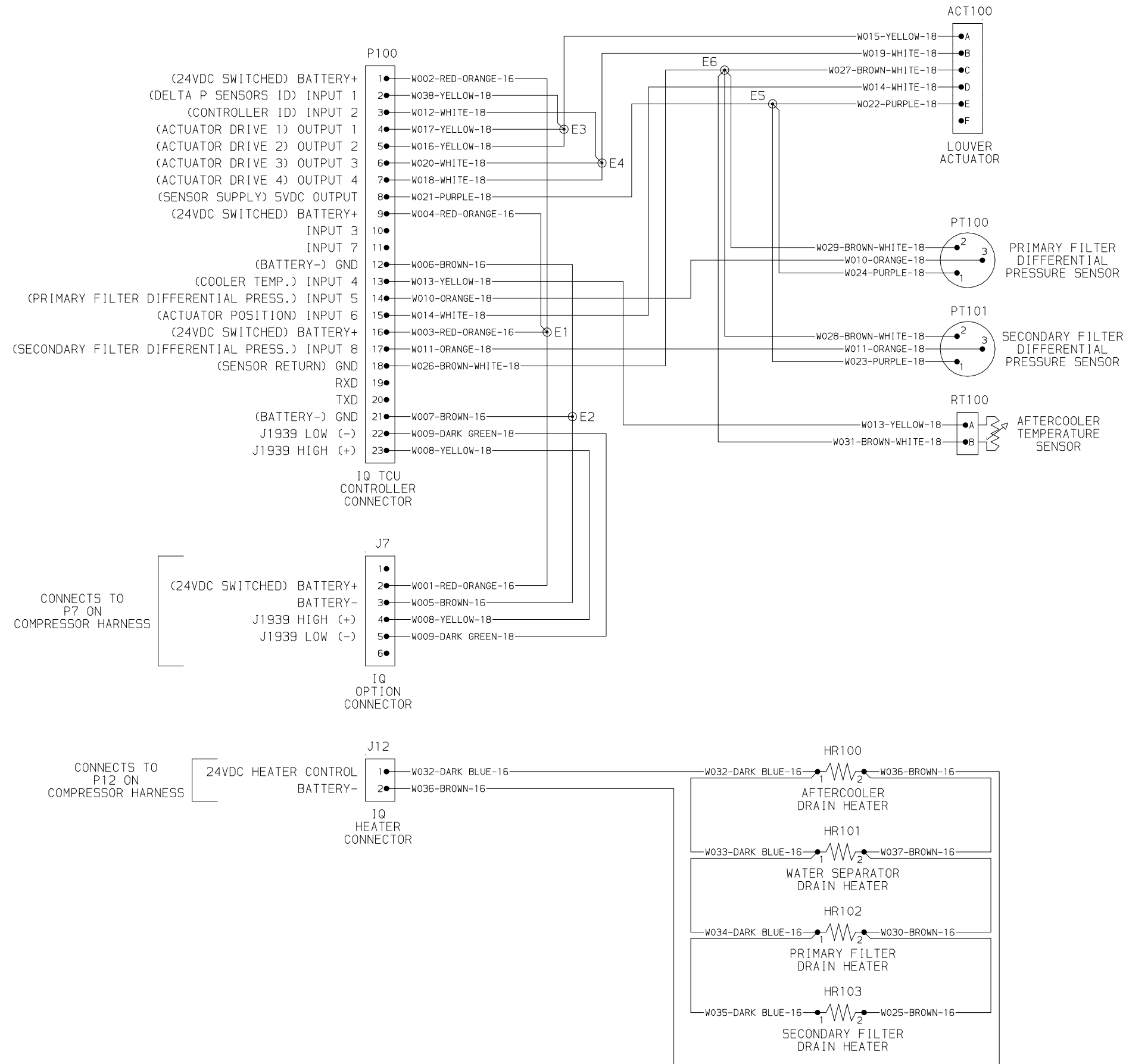
Compressor and Engine Harness Schematic 46559020 Rev.D (sheet 3)



Trailer Harness Schematic 46556281 Rev.B



IQ Option Control System Schematic 46599619 Rev.A



IQ Option Harness Schematic 46599620 Rev.A

Electrical Parts List

Compressor and Engine		
Reference Designator	Description	Part Number
	Titan Controller	46551938
	Compressor Harness	46568239
	Engine Harness	46559022
	Engine Intake Heater Harness	46556832
	Battery Positive Stud to Stud Cable	46556958
	Battery Positive Cable	46556959
	Battery Negative Cable	46556960
	Battery Cable Jumper	46556961
	Frame Ground Strap 350mm	36783488
	Engine Ground Strap 750mm	23232762
B1	Engine Starter	Cummins Part
B2	Start Compressor	46576919
BDS1	Battery Disconnect Switch	46556146
BT1	Battery, 12 VDC	36793545
BT2	Battery, 12 VDC	36793545
C12B	TBAP Sensor	46566779
D1	Diode	35376169
D2	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	46556325
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 10 Amp	23091812
FB1-F6	Engine ECM Fuse 30 Amp	23091853
FB1-F7	Engine Communication Fuse 10 Amp	23091812
FB1-F8	Accessory Fuse 10 Amp	23091812
FB1-F9	IQ TCU Controller Fuse 10 Amp	23091812
FB1-F10	AutoStart Controller Fuse 15 Amp	23091820
F11	Engine Alternator Fuse 80 Amp	46568839
F12	Engine Intake Air Heater Fuse 150 Amp	46556477
F12	Replacement Fuse Holder	45671534
G1	Engine Alternator	Cummins Part
HR1	Engine Intake Air Heater	Cummins Part
HR2	Regulator Heater	36854677

Compressor and Engine		
Reference Designator	Description	Part Number
HR3	Orifice Heater	36841526
J11	Coolant Level Sensor	22769186
J3	Replacement Backshell	46595899
J5	Replacement Cap with Lanyard	23366768
J5A	Replacement Cap with Lanyard	23366768
K1	Engine Starter Relay	36853521
K2	Engine Intake Air Heater Relay	36853521
FB1-K11	Start Compressor Relay	23316250
FB1-K12	Regulation Heaters Relay	23316250
FB1-K13	Switched Power Relay	23316250
L1	Start/Run Solenoid Valve	36840841
L2	Unloader Solenoid Valve	36881944
PT1	Separator Tank Pressure Sensor	54496773
PT2	Regulation System Pressure Sensor	36920825
PT3	Airend Oil Pressure Sensor	54496773
RT1	Separator Tank Temperature Sensor	23294838
RT2	Discharge Air Temperature Sensor	23294838
RT3	Ambient Air Temperature Sensor	23294838
S10	Engine Air Filter Restriction Switch	36847838
S11	Airend Air Filter Restriction Switch	36847838
S14	Safety Valve Pressure Switch	46568519
TB1	Ground Buss Terminal Block	46567039
TR1	J1939 CAN BUSS Terminating Resistor	23091804
TR2	J1939 CAN BUSS Terminating Resistor	23091804
U1	Fuel Level Sensor	46570900

Control Panel		
Reference Designator	Description	Part Number
	ViewPort Display	46594821
	Control Panel Harness	46567799
M8	Hourmeter	46557109
S1	Main Control Switch	46559025
S2	Service Air Button	46559026
S3	Regeneration Control Switch	46556142
S3	Replacement Switch Cover	46556145

Electrical Parts List

Gauge Panel		
Reference Designator	Description	Part Number
	Gauge Panel Harness	46560942
M1	Air Pressure Gauge 0-250 psi	46558799
M2	Engine Tachometer	46558802
M3	Engine Coolant Temperature Gauge	46558804
M4	Engine Oil Pressure Gauge	46558803
M5	Compressor Temperature Gauge	46558806
M6	Voltmeter	46558805
M7	Fuel Level Gauge	46565479

Trailer		
Reference Designator	Description	Part Number
	Trailer Harness	46556282
BS1	Breakaway Switch	46554147
L1	Right Front Side Marker Lamp	35367051
L2	Right Front Clearance Lamp	35367051
L3	Left Front Side Marker Lamp	35367051
L4	Left Front Clearance Lamp	35367051
L5	Right Rear Clearance Lamp	35367044
L6	Right Rear Side Marker Lamp	35367044
L7	Left Rear Clearance Lamp	35367044
L8	Left Rear Side Marker Lamp	35367044
L9	Rear Identification Lamp	36922144
L10	Right Tail/Turn Lamp	36788081
L11	Right Tail/Stop Lamp	36788081
L12	Left Tail/Turn Lamp	36788081
L13	Left Tail/Stop Lamp	36788081
L14	License Plate Lamp	36895860

Electrical Parts List

IQ Option		
Reference Designator	Description	Part Number
	IQ TCU Controller	46569499
	Low Ambient IQ Harness	46599621
ACT100	Louver Actuator	36898310
HR100	Aftercooler Drain Heater	36841526
HR101	Water Separator Drain Heater	36841526
HR102	Primary Filter Drain Heater	36841526
HR103	Secondary Filter Drain Heater	36841526
PT100	Primary Filter Differential Pressure Sensor	46599239
PT101	Secondary Filter Differential Pressure Sensor	46599239
RT100	Aftercooler Temperature Sensor	23294820

Revision History

[illegible]



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