



Doosan Infracore
Portable Power

PARTS MANUAL

COMPRESSOR MODEL

HP1600WCU-T4i (E97)

Doosan Infracore Portable Power
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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.

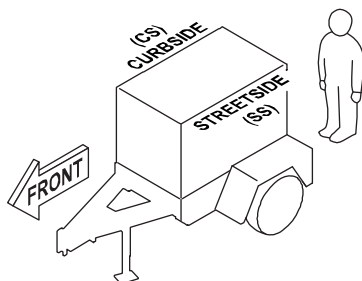
Doosan Portable Power service facilities and parts are available worldwide. Consult local yellow pages or visit: www.doosanportablepower.com.

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

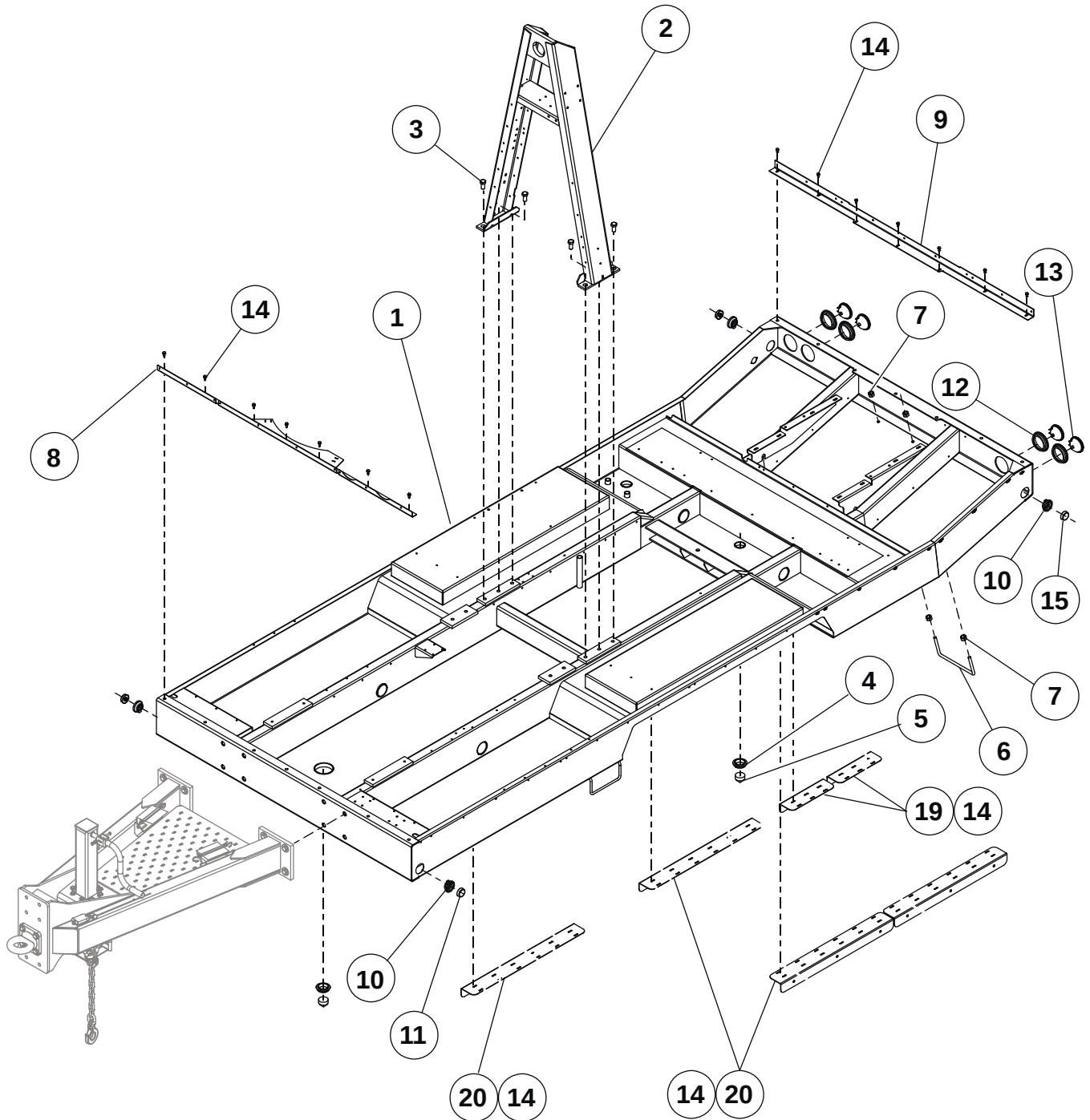
Always specify the model and serial number of the unit.

Specify the part number and description.



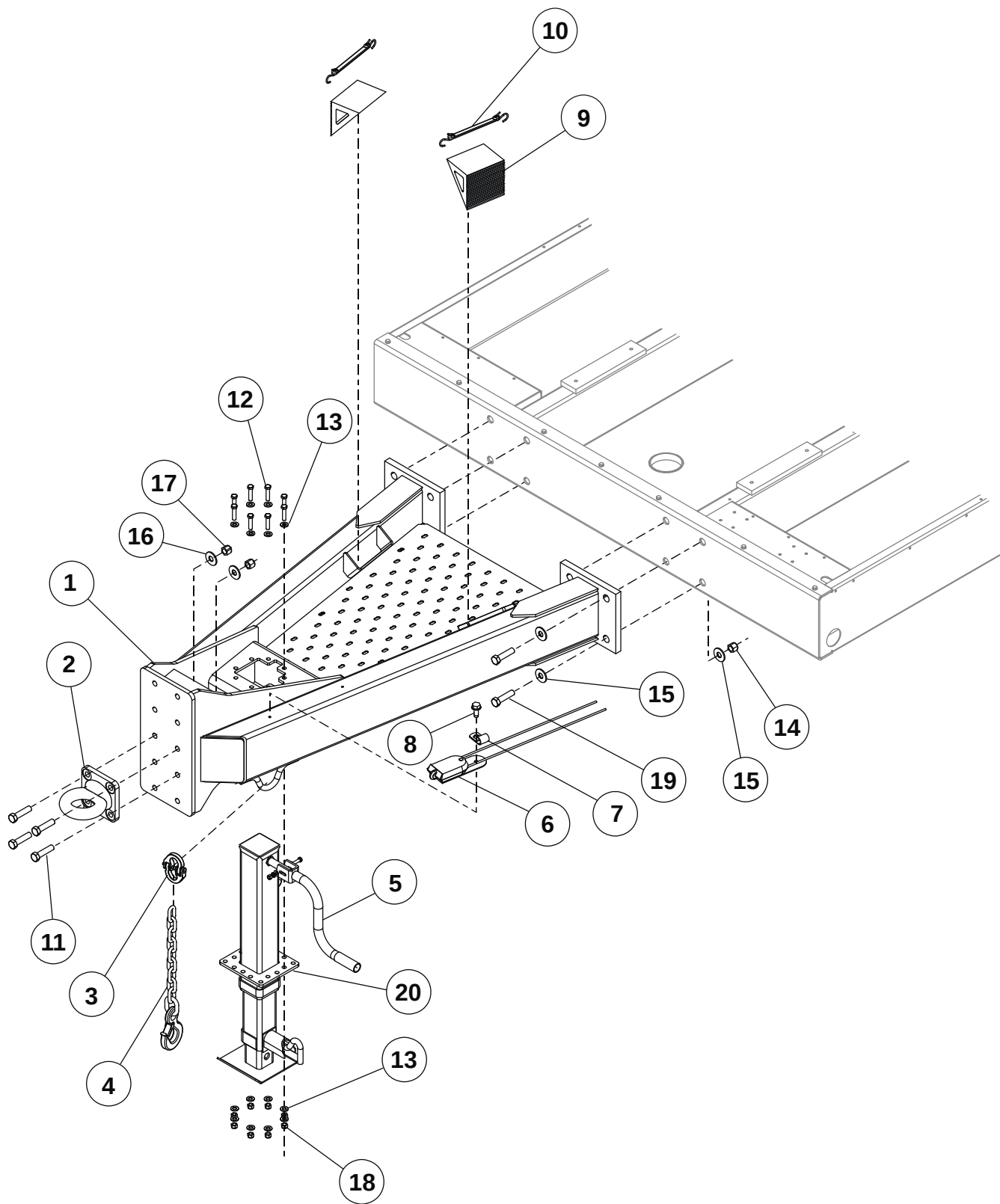
COMPRESSOR PARTS

High Speed Running Gear Frame and Lifting Bail



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46555806SB	Frame, High Speed Running Gear	1	
2	46557258SB	Bail, HSRG Lifting	1	
3	96700901	Screw, Hex Head M20 - 2.5 X 40	6	
4	95052247	Plug, Square Head 4" NPT	3	
5	95052239	Plug, Square Head 2" NPT	3	
6	35304666	Step	1	
7	95922910	Nut, Hex 5/8" - 11	4	
8	46562179SB	Bracket, Front Mount	1	
9	46557260SB	Bracket, HSRG Rear Mount	1	
10	36893642	Grommet, Clearance Light	4	
11	35367051	Lamp, Clearance Yellow	2	
12	36787968	Grommet, Reflector	4	
13	36788081	Lamp, Stop - Turn & Tail	4	
14	35279025	Screw, Tapping M08 - 1.25 X 20	59	
15	35367044	Lamp, Clearance Red	2	
16	95990735	Plug, Square Head 3/4" NPT	5	
17	46602279	Plug, Black Nylon	1	
18	35346741	Nut, Retainer 5/16" - 18	18	
19	46566921SB	Bracket, Harness Support	2	
20	46566919SB	Bracket, Harness Support	4	
	35225093	Clamp, Support 1/2" ID Rubber Coated	9	Not Shown
	35291285	Clamp, Support 13/16" ID Rubber Coated	16	Not Shown
	35225077	Clamp, Support 11/16" ID Rubber Coated	6	Not Shown
		Harnesses		
	46578804	Harness, Trailer 4-Tail Light w/ 7-Way Semi Conn	1	Not Shown
	46606141	Harness, Compressor Cummins QSX15-T4i	1	Not Shown
	46606143	Harness, 285 mm Airend Cummins QSX15-T4i	1	Not Shown
	46606142	Harness, Engine Cummins QSX15-T4i	1	Not Shown
	46588339	Harness, Regulation Cummins QSX15-T4i	1	Not Shown

High Speed Running Gear Drawbar

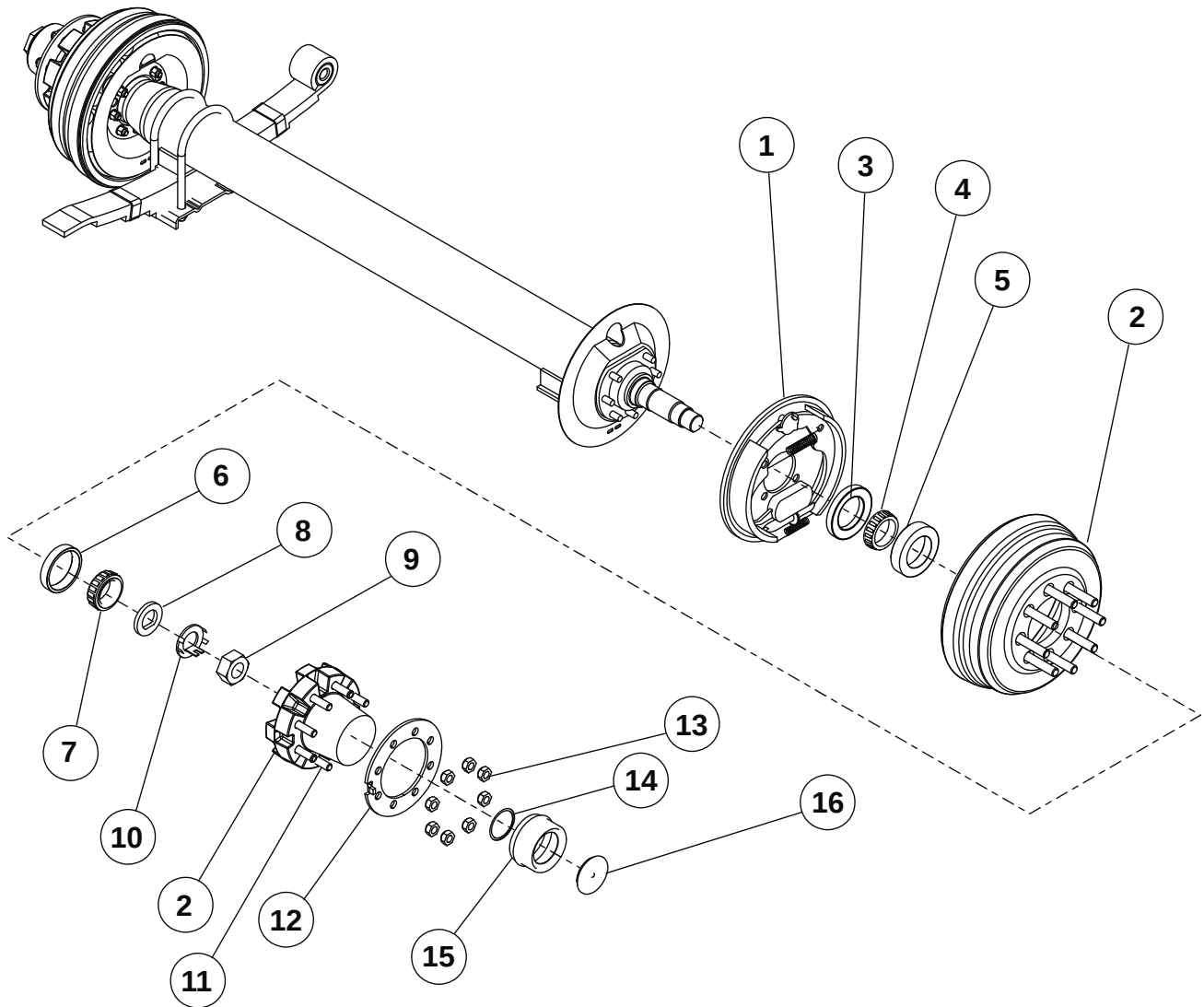


ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22687784SB	Drawbar Assembly	1	
2	36880128	Pintle, Eye	1	
3	35369800	Link, Coupling	2	
4	36870475	Chain, Safety	2	
5	46573339SB	Assembly, Jack	1	
6	46554147	Switch, Breakaway	1	
7	35291285	Clamp, Support 13/16" ID Rubber Coated	4	
8	35279025	Screw, Tapping M08 - 1.25 X 20	4	
9	35603190	Chock, Wheel	2	
10	35333830	Strap, Tie Down	2	
11	95935201	Screw, Hex 3/4" - 10 X 3"	4	
12	96730395	Screw, Hex M12 - 1.75 X 50	8	
13	95935003	Washer, Flat 1/2" ID	16	
14	95996187	Nut, Hex Lock 1" - 8	8	
15	95939492	Washer, Flat 1" ID	16	
16	95922282	Washer, Flat 3/4" ID	4	
17	95923363	Nut, Hex Nylon Insert 1" - 8	4	
18	35304047	Nut, Hex Nylon Insert M12 - 1.75	8	
19	95996179	Screw, Hex 1" - 8 X 3-1/2"	8	
20	46577499SB	Plate, Jack Mounting	1	Included w/ Jack

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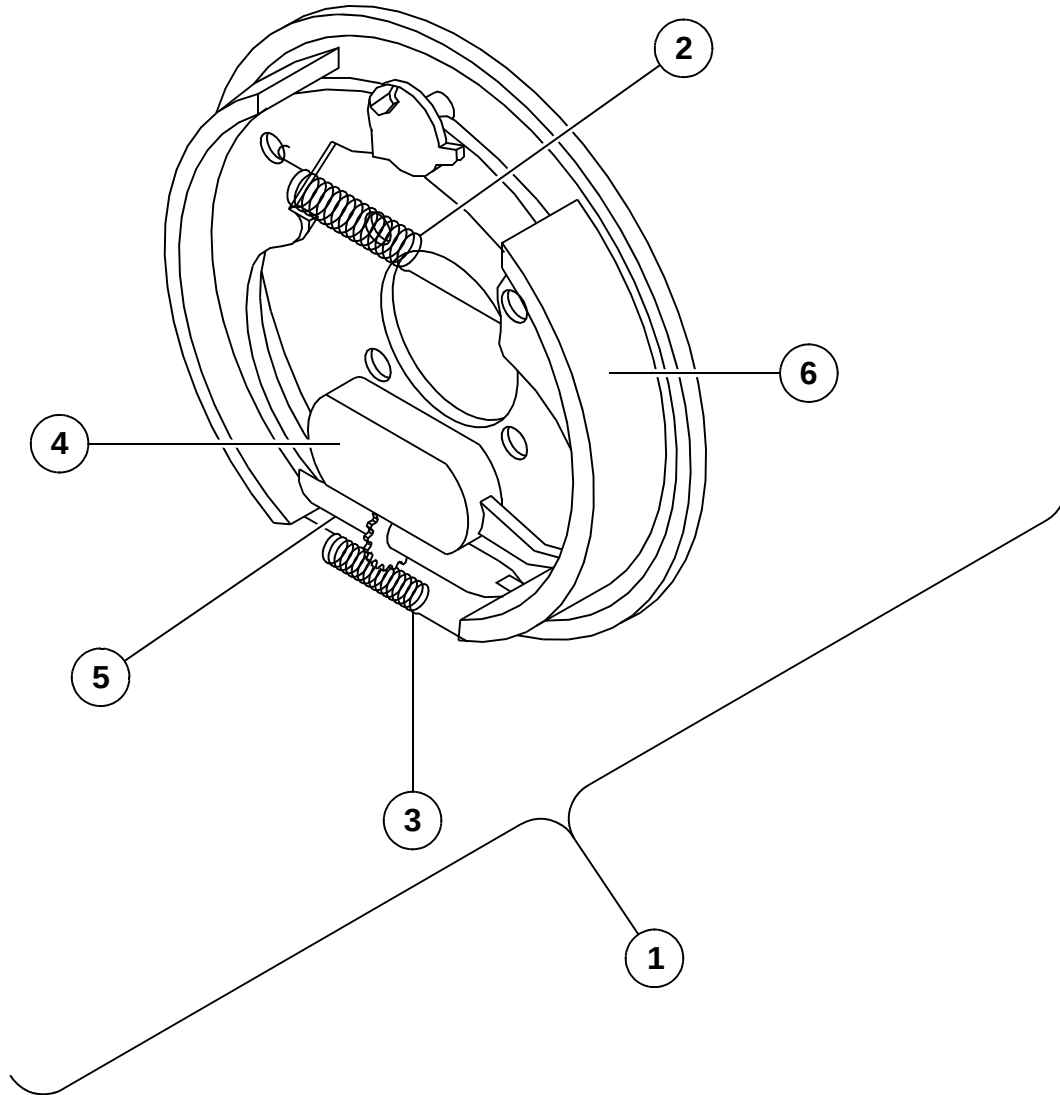
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22774863	Axle Assembly	2	
2	22870299	Nut, Hex Lock 5/8" - 11	16	
3	22786974	Assembly, Spring w/ Rubber Bushing	4	
4	22688493	Bar, Equalizer	2	
5	22789242SB	Support, Axle Bump	4	
6	95929139	Screw, Hex 3/4" - 10 X 4-1/2"	4	
7	95923363	Nut, Hex Nylon Insert 3/4" - 10	4	
8	95920336	Screw, Hex 1" - 8 X 6"	2	
9	95923207	Nut, Hex Nylon Insert 1" - 8	2	
10	22789226	Spacer, Axle Bump	4	
11	35279025	Screw, Tapping M08 - 1.25 X 20	8	
12	22870281	Plate, Tie	4	
13	22870273	U-Bolt, 3/4" - 10 X 5" Dia.	8	
14	95923322	Nut, Hex Nylon Lock 3/8" - 16	4	
15	22077515	Wheel, 17.5 X 6.75HC	4	
16	36877991	Tire, 215/75R17.5/H	4	
17	35148204	Valve, Stem	4	
18	95919676	Screw, Hex 1/2" - 13 X 4-1/2"	2	
19	95923348	Nut, Hex Nylon Insert 1/2" - 13	2	

High Speed Running Gear Electric Brake Assembly



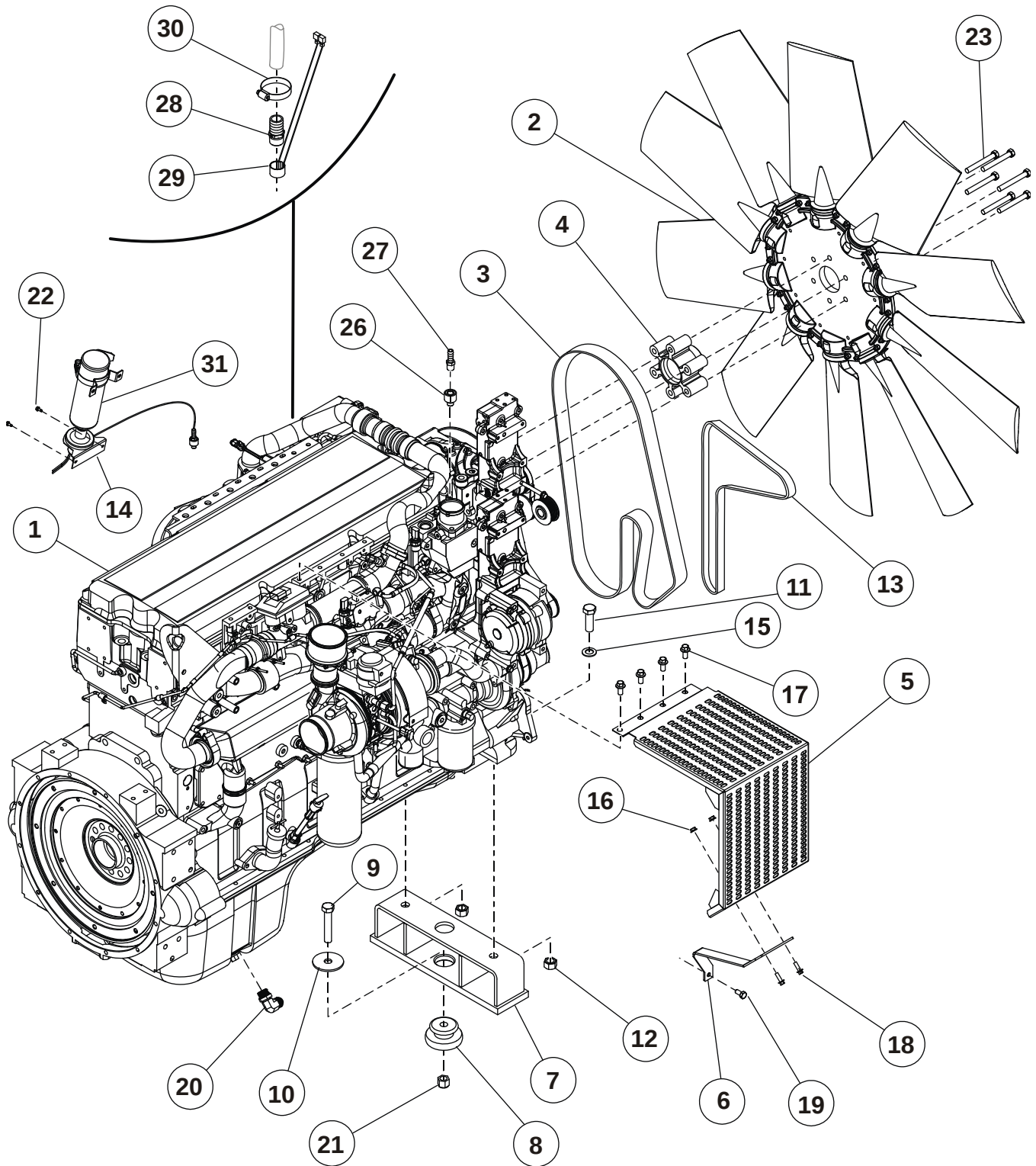
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22857551	Assembly, RH Electric Brake	1	
	22857544	Assembly, LH Electric Brake	1	
2	22777825	Assembly, Hub and Drum	2	
3	22877138	Seal, Oil	2	
4	22877146	Cone, Inner Wheel Bearing	2	
5	22877161	Cup, Inner Bearing	2	
6	22877112	Cup, Outer Bearing	2	
7	22877120	Cone, Outer Wheel Bearing	2	
8	22866644	Washer, Spindle	2	
9	22866636	Nut, Spindle	2	
10	22866628	Washer, Tang	2	
11	22860449	Stud, Press-In 5/8" - 18 X 3-1/8"	16	
12	36878049	Ring, Wheel Clamp	2	
13	22866669	Nut, Cone 90° 5/8" - 18	16	
14	22870257	O-Ring, 3.73" ID X 0.139" Cross Section	2	
15	22777841	Cap, Grease	2	
16	22870265	Plug, Grease Cap	2	

High Speed Running Gear Electric Brake Shoe Assembly



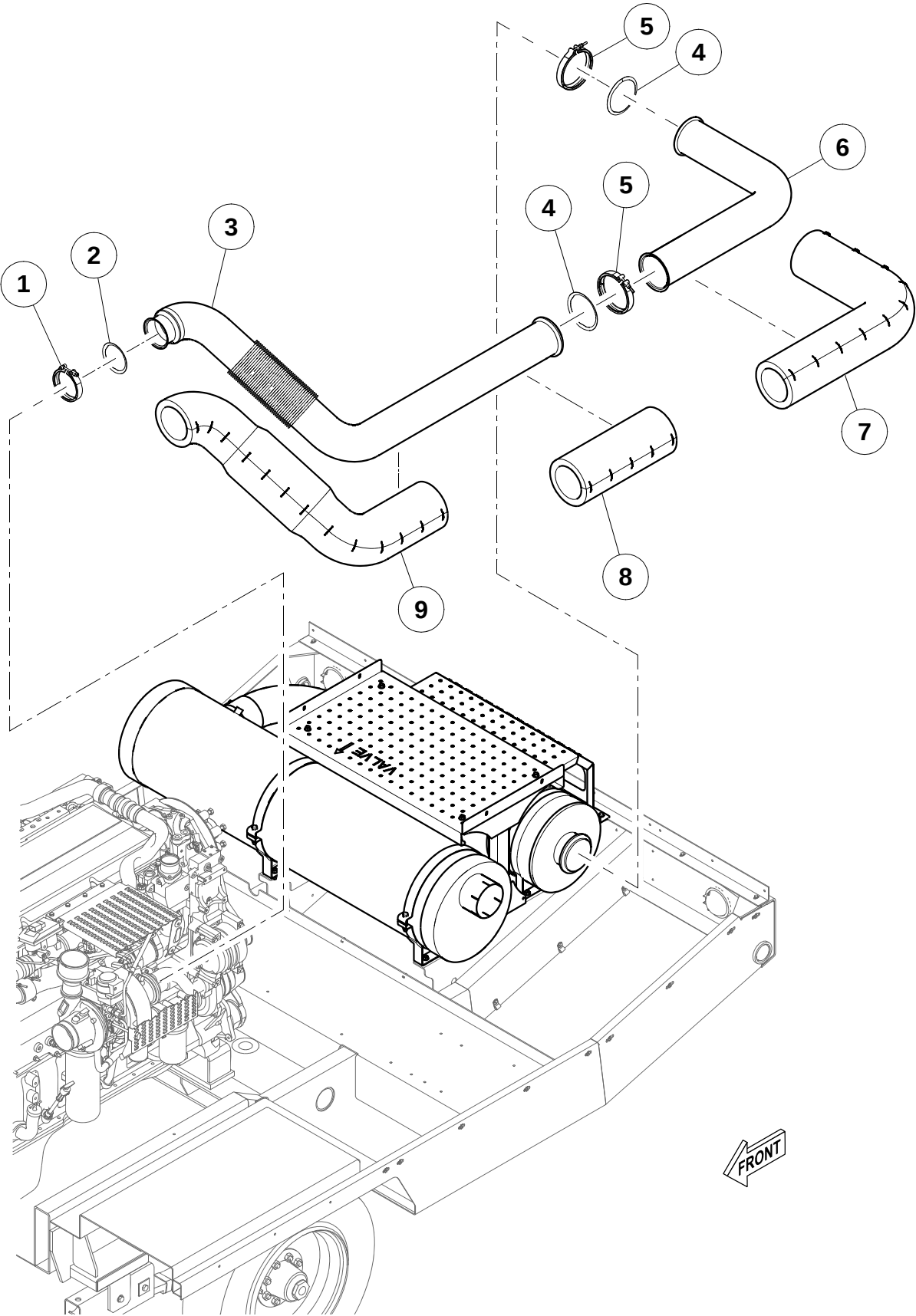
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22857551	Assembly, RH Electric Brake	1	
	22857544	Assembly, LH Electric Brake	1	
2	22868707	Spring, Return	1	
3	22868574	Adjuster, Spring	1	
4	22868541	Kit, Magnet	1	
5	22866602	Assembly, RH Adjuster	1	
	22866610	Assembly, LH Adjuster	1	
6	22868655	Kit, RH Shoe and Lining	1	
	22868467	Kit, LH Shoe and Lining	1	

Engine, Mount and Fan



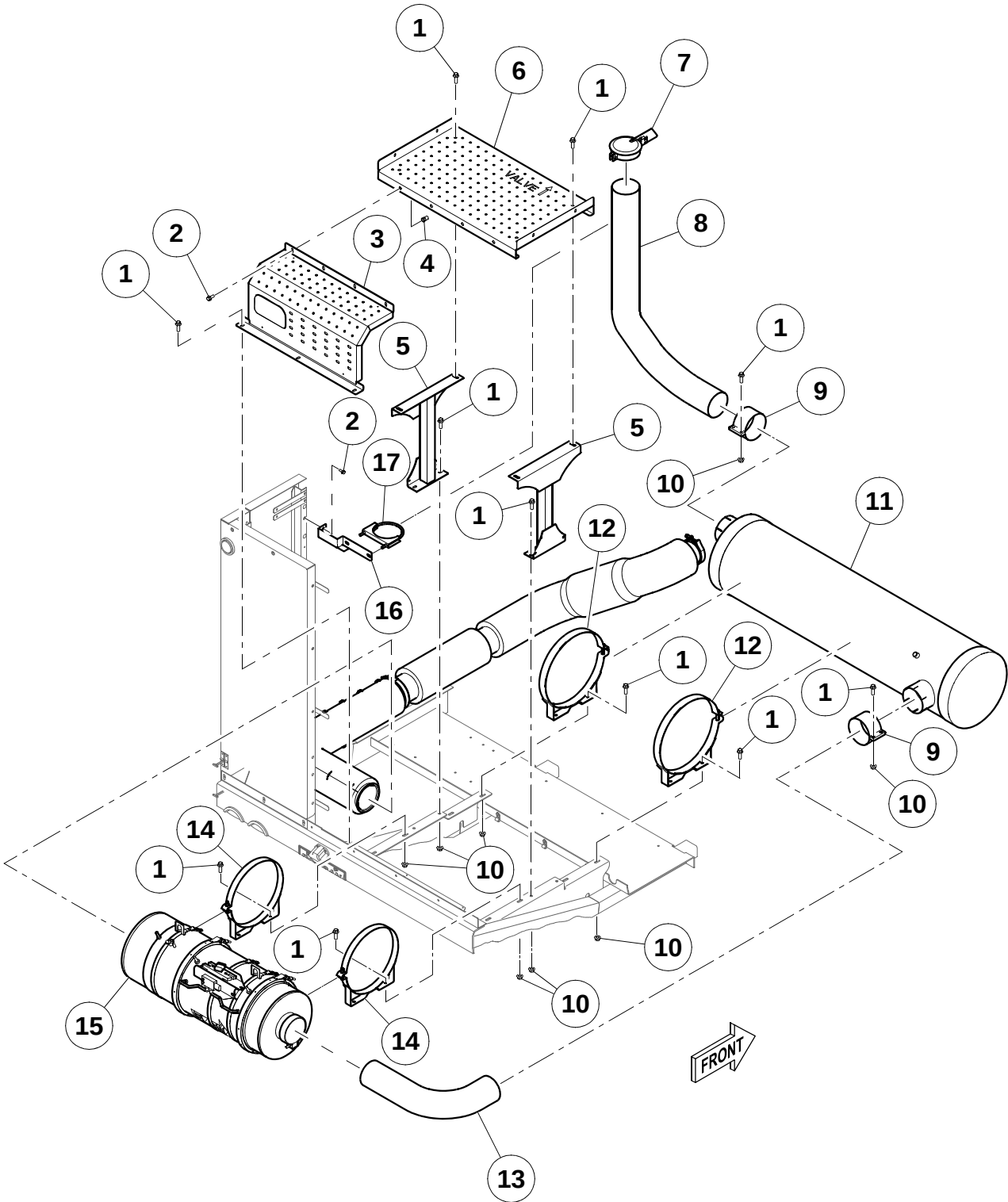
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46554970	Engine, QSX15-T4i	1	Not Shown
2	46560680	Fan	1	
3	46615381	Belt, Engine Fan	1	
4	54409339	Spacer, Fan	1	
5	46574999GB	Guard, Turbo Cummins	1	
6	46575219SB	Bracket, Turbo Guard to Engine	1	
7	54570122SB	Bracket, Engine Support	1	
8	35584556	Mount, Center Bond	1	
9	95934253	Screw, Hex 3/4" - 10 X 4"	1	
10	35273937	Washer, Snubber	1	
11	36763670	Screw, Hex M20 - 2.5 X 60	2	
12	35297340	Nut, Hex M20 - 2.5	2	
13	46615382	Belt, Alternator	1	
14	46615380	Kit, Ether QSX15	1	
15	95935011	Washer, Flat Narrow 13/16" ID	2	
16	36881886	Nut, Hex Flange M08 - 1.25	2	
17	36879492	Screw, Hex Flange M12 - 1.75 X 25	4	
18	36889608	Screw, Hex Flange M08 - 1.25 X 25	2	
19	96702279	Screw, Hex M10 - 1.5 X 20	1	
20	22063937	Elbow, 90° Street M27 - 2.0 X -12 JIC	1	
21	95923363	Nut, Hex Nylon Insert 1" - 8	1	
22	92368687	Screw, Tapping M06 - 1.0 X 14	4	
23	95935169	Screw, Hex 1/2" - 13 X 4"	6	
24	46618460	Filter, Fuel 3 Micron	1	
25	46610619	Element, Crankcase Breather Filter	1	
26	43212216	Adapter, M12 - 1.5 X 1/4" NPT	1	
27	35310598	Adapter, 1/4" NPT X 3/8" Hose	1	
28	24908923	Adapter, 1" Barbed X 3/4" NPT	1	
29	23346612	Heater, Cylindrical 24 VDC	1	
30	95220851	Clamp, Worm Gear 13/16" to 1-1/2"	1	
31	35112911	Cylinder, Ether	1	
		Engine Service Parts		
	54662028	Filter, Engine Oil	1	
	54662051	Conditioner, Coolant Filter	1	

Exhaust - Pipe



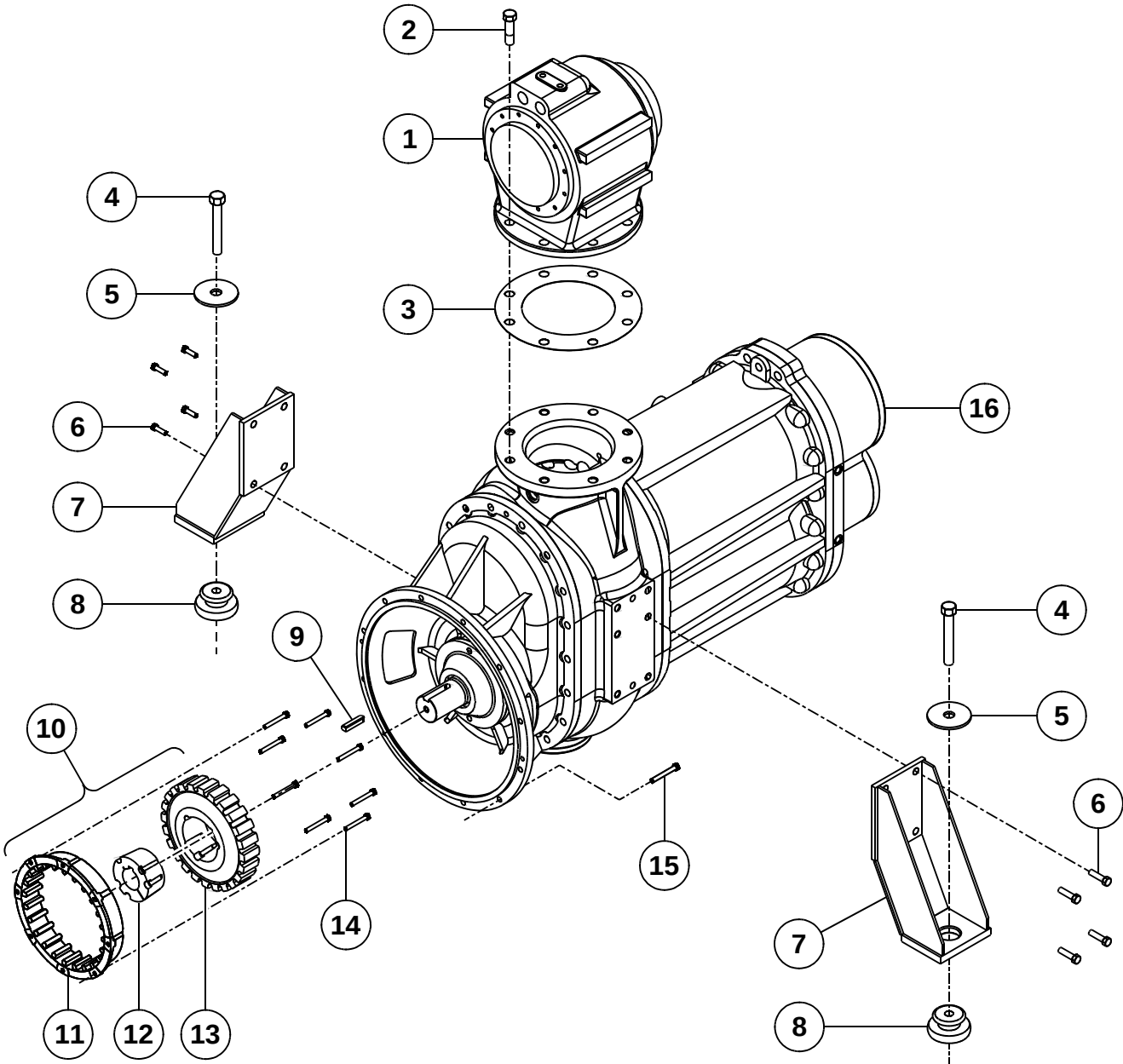
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35602796	Clamp, V-Band 4"	1	
2	46555680	Gasket, Exhaust 4"	1	
3	46555794	Tube, Exhaust Turbo Outlet	1	
4	46557244	Gasket, Exhaust 5"	2	
5	46557245	Clamp, 5" X 70°	2	
6	46555591	Tube, Exhaust DPF Inlet	1	
7	46567119	Insulation Wrap, Exhaust DPF	1	
8	46584919	Insulation Wrap, Exhaust Turbo Out Cooler Side	1	
9	46581979	Insulation Wrap, Exhaust Turbo Out	1	

Exhaust - DPF and Muffler



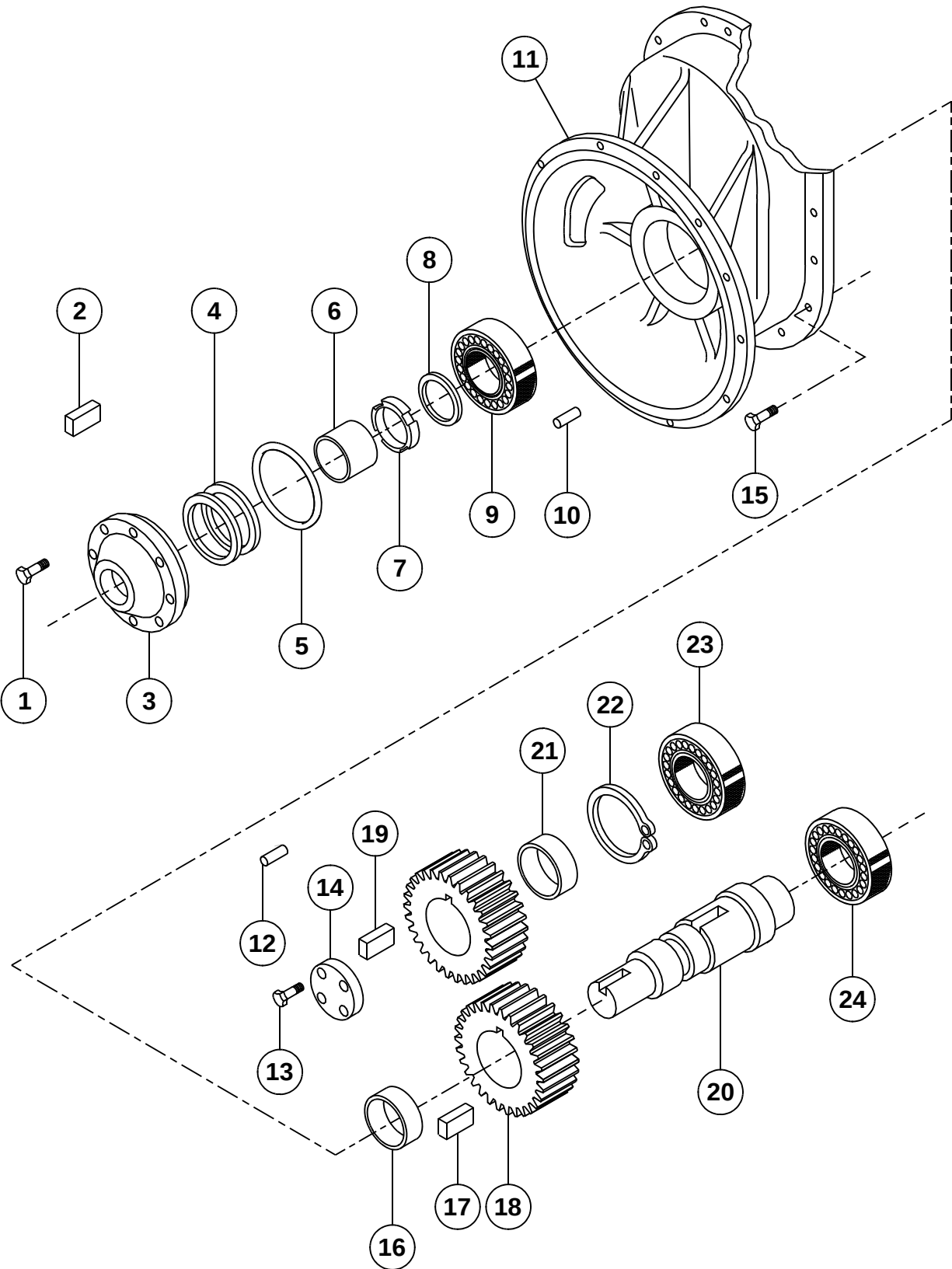
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36880995	Screw, Hex Flange M10 - 1.5 X 30	16	
2	96727193	Screw, Hex Flange M08 - 1.25 X 20	5	
3	46594819GA	Guard, HSRG DPF	1	
4	36895746	Nutsert, Hex M08 - 1.25	4	
5	46557155SB	Support, Step	2	
6	46598040GA	Step, Rear Exhaust Plenum	1	
7	35857036	Cap, Rain 5" EPA	1	
8	46603039	Tube, Muffler Tailpipe Exhaust	1	
9	35307131	Clamp, Seal 5" Dia. EPA	2	
10	36879195	Nut, Hex Flange M10 - 1.5	16	
11	46571379	Muffler, Exhaust	1	
12	36506079	Clamp, Band Mounting 14-3/4" ID	2	
13	46587220	Tube, Exhaust Muffler	1	
14	46555596	Clamp, Band Muffler 13.13"	2	
15	46554969	DPF, Cummins QSX15-T4i	1	
16	46603059SB	Bracket, Muffler Tailpipe	1	
17	35127653	Clamp, Muffler 5"	1	

Airend, Coupling and Unloader Mount



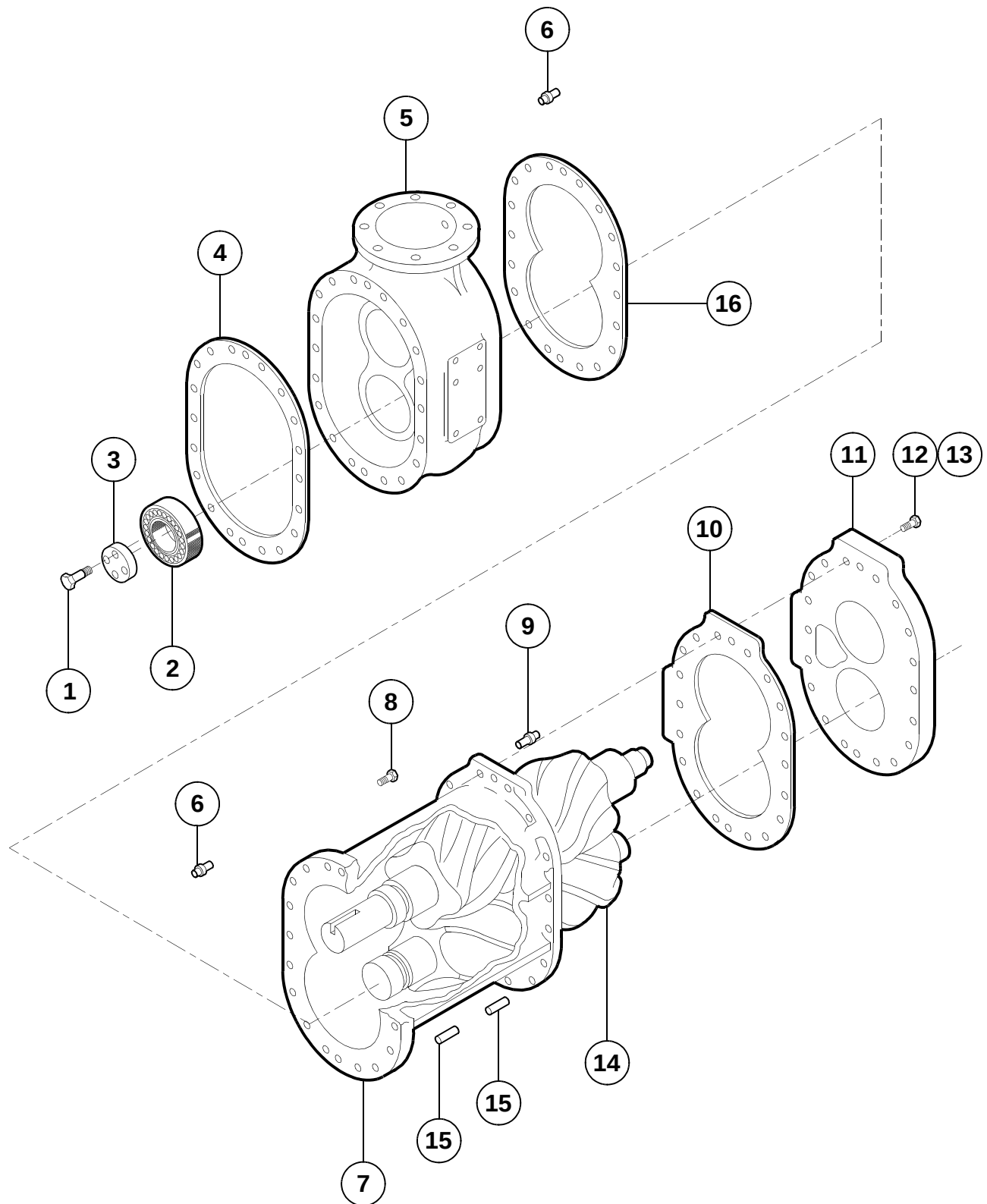
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36729531	Unloader Assembly	1	
2	35375377	Screw, Hex M20 - 2.5 X 50	8	
3	36754059	Gasket, Unloader	1	
4	96700919	Screw, Hex M20 - 2.5 X 90	2	
5	35273937	Washer, Snubber	2	
6	35375385	Screw, Hex M16 - 2 X 40	8	
7	54542535	Bracket, Airend Support	2	
8	35584556	Mount, Center Bond	2	
9	35367069	Key, Bushing	1	
10	46589179	Coupling, Drive	1	
11	46554944	Drive, Ring	1	
12	46554947	Bushing, Drive Coupling	1	
13	46578019	Element, Drive Coupling	1	
14	95920682	Screw, Hex 3/8" - 16 X 1-1/4"	8	
15	95934626	Screw, Hex 7/16" - 14 X 1-1/2"	12	
16	35092014	Airend	1	
	35099159	Airend, Rebuilt		

Airend - Gear Case



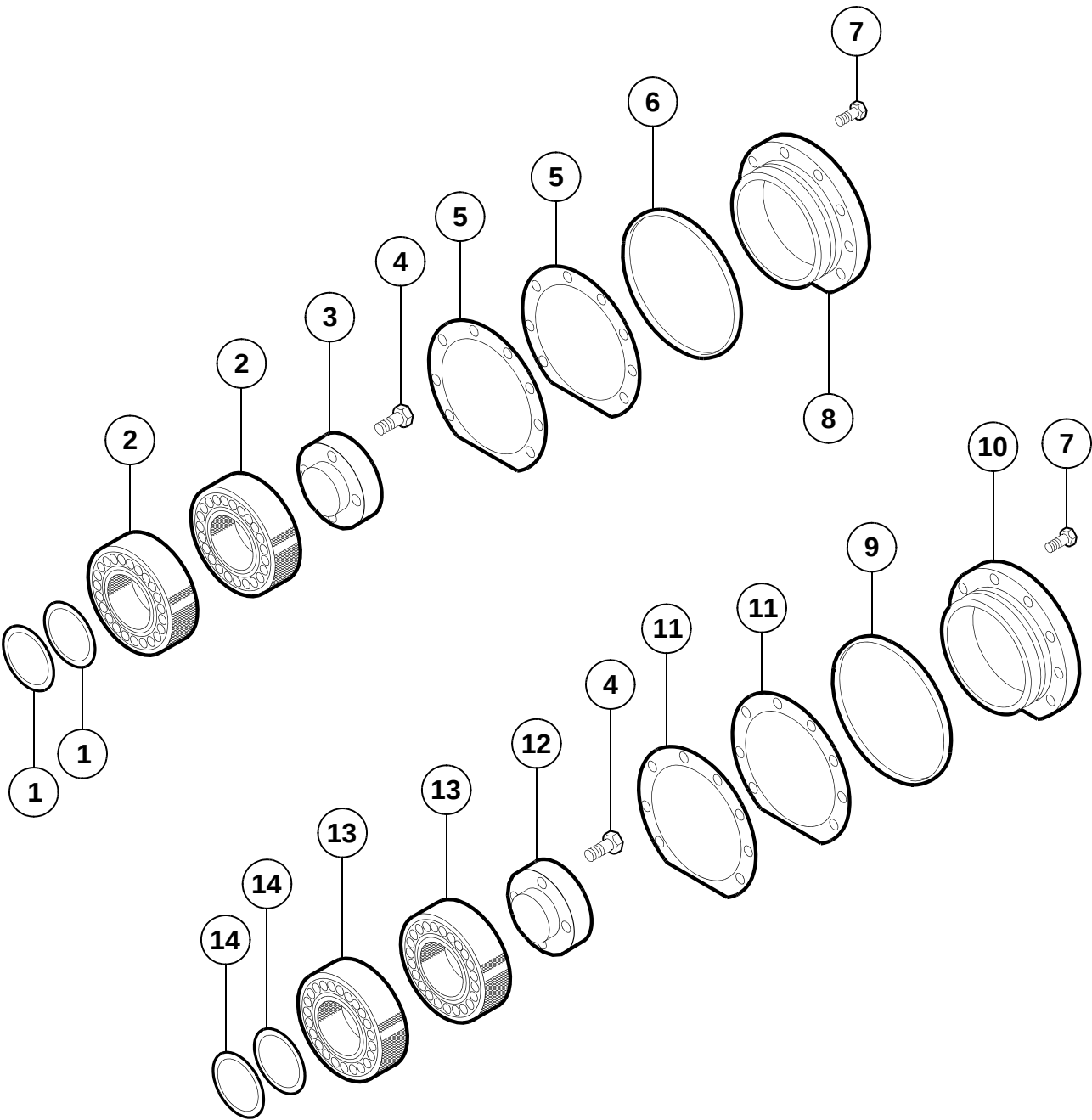
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	96706080	Screw	8	
2	35367069	Key	1	
3	35849348	Cover	1	
4	39927512	Shim (1.016 mm)	1	
	39927520	Shim (1.016 mm)	1	
	39927538	Shim (1.016 mm)	1	
	39927546	Shim (1.016 mm)	6	
5	95358214	O-Ring	1	
6	35596626	Seal	1	
7	35299775	Locknut	1	
8	35300227	Spacer	1	
9	35605203	Bearing	1	
10	35365261	Pin	1	
11	36711083	Gear Case	1	
12	35295336	Dowel	1	
13	35299569	Screw	4	
14	35300177	Plate, Clamp	1	
15	96706262	Screw	18	
16	35300227	Spacer	1	
17	35300136	Key	1	
18	36758142	Gear Set	1	
19	35300144	Key	1	
20	35851195	Shaft	1	
21	35610286	Spacer	1	
22	95285599	Retaining Ring	1	
23	35610591	Bearing	1	
24	35605203	Bearing	1	

Airend - Front Bearing, Rear Bearing and Rotor Housings



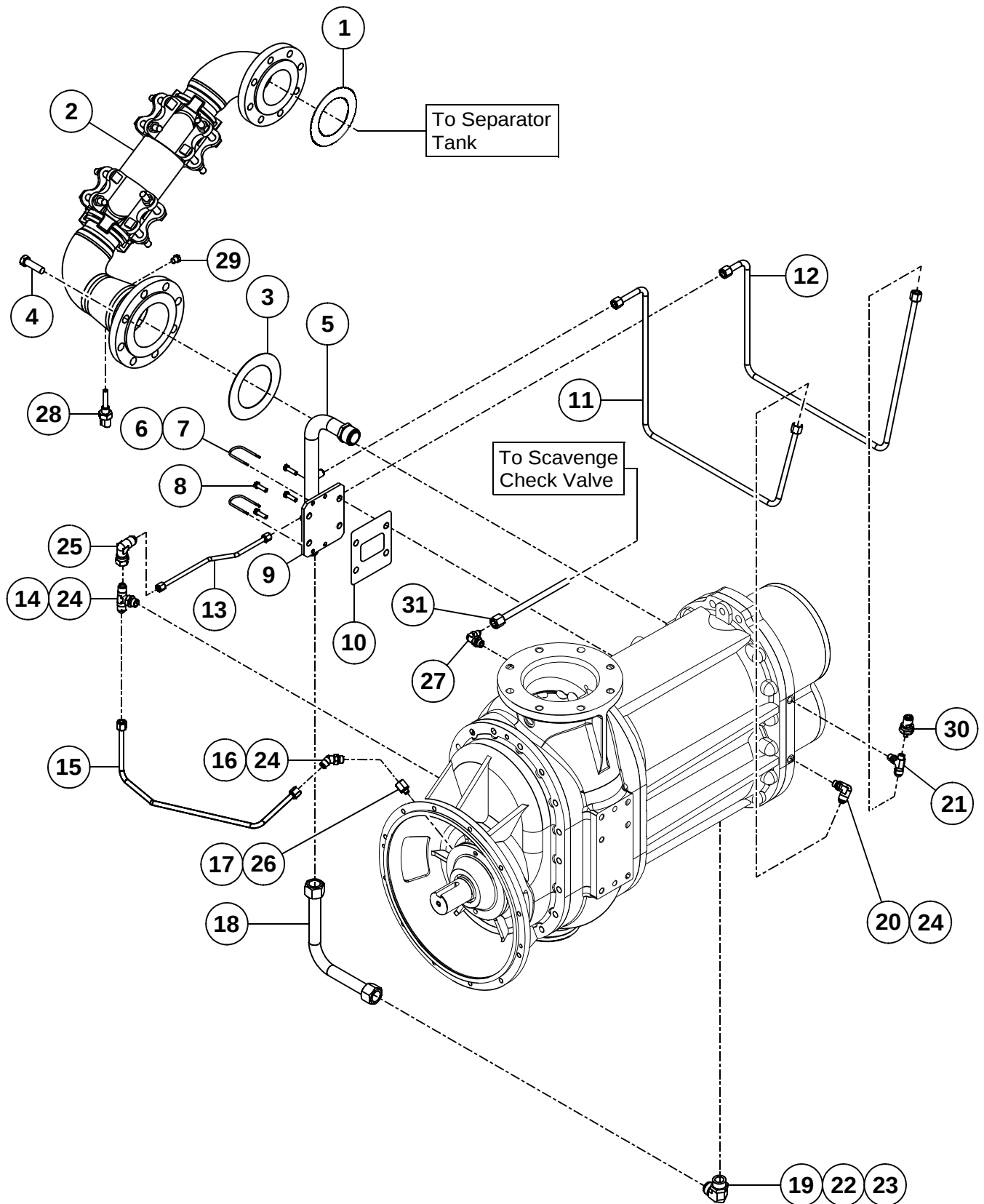
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35293869	Screw	4	
2	39926787	Bearing	1	
3	35373877	Plate, Clamp	1	
4	35820646	Gasket	1	
5	36754141	Housing, Front Bearing	1	
6	35365279	Pin	2	
7	54363536	Housing, Rotor	1	
8	96706262	Screw	20	
9	35365279	Dowel	1	
10	35820661	Gasket	1	
11	36856060	Housing, Rear Bearing	1	
12	39101472	Screw	4	
13	35299767	Screw	12	
14	42469676	Rotor Set	1	
15	35295336	Dowel	2	
16	35820653	Gasket	1	

Airend - Rear Bearings and Caps



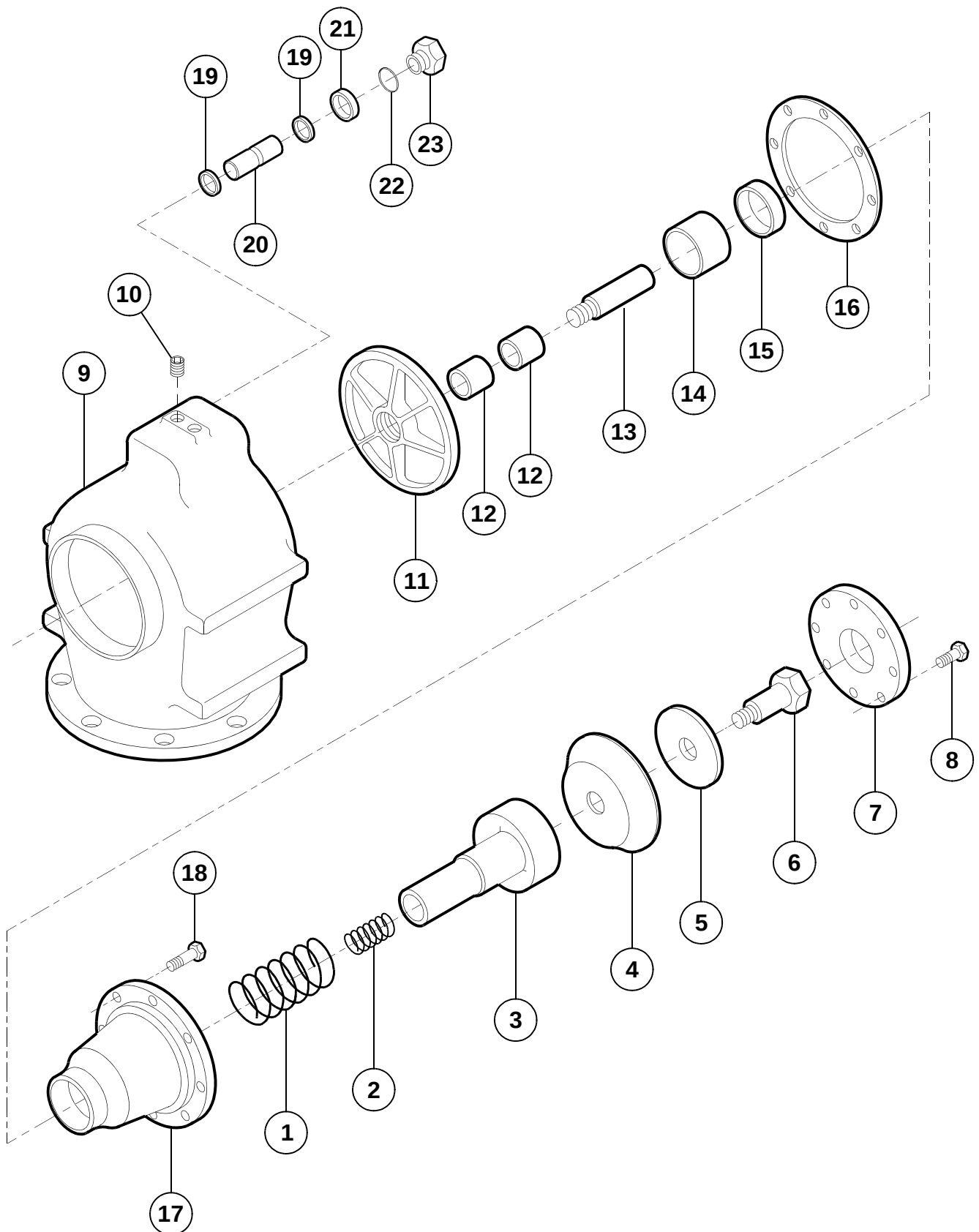
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	39927496	Shim	6	
2	35299403	Bearing	2	
3	35610278	Plate, Clamp	1	
4	35299569	Screw	4	
5	39927058	Shim (0 .051 mm)	3	
	95358446	Shim (0 .076 mm)	3	
	35321520	Shim (0.254 mm)	3	
6	95352944	O-Ring	1	
7	96716162	Screw	8	
8	36504330	Cap	1	
9	95603130	O-Ring	1	
10	36504355	Cap	1	
11	39926902	Shim (0 .051 mm)	3	
	39926910	Shim (0.076 mm)	3	
	39926928	Shim (0.254 mm)	3	
12	35606920	Plate, Clamp	1	
13	35299429	Bearing	2	
14	39927504	Shim (0.051 mm)	5	

Airend Piping



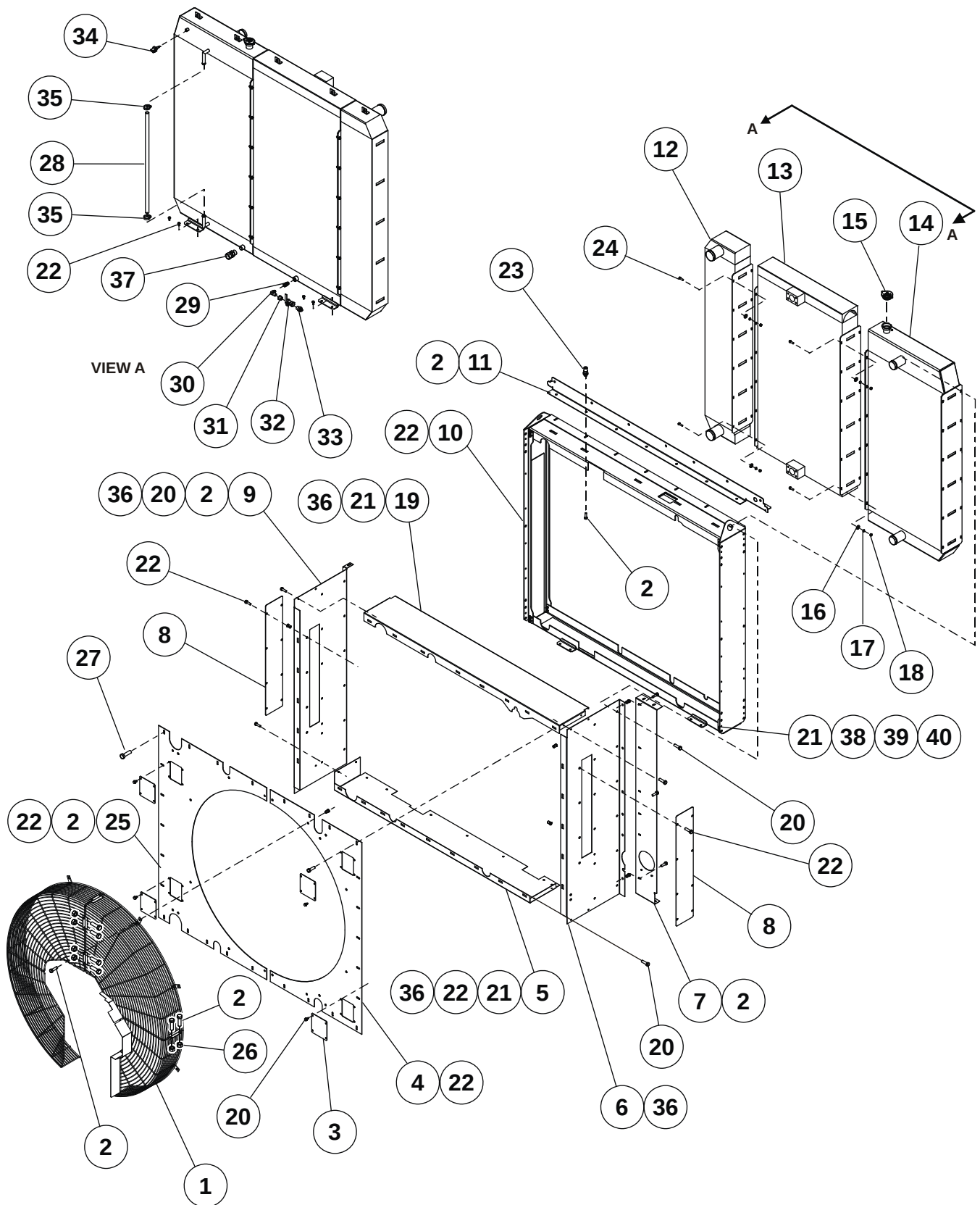
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36856656	Gasket, Ring	1	
2	54612437	Hose, Airend Discharge	1	
3	36762961	Gasket, Ring	1	
4	36765121	Screw, Hex M16 - 2 X 55	16	
5	36756211	Manifold, Oil	1	
6	36761831	U-Bolt, 3/8" - 18 X 1-1/2" ID	2	
7	35252600	Nut, Hex Flange Lock 5/16" - 18	4	
8	35375591	Screw, Hex M16 - 2 X 30	4	
9	36756252	Cover, Airend Cusp Inj.	1	
10	35304021	Gasket, Oil Inlet	1	
11	36758183	Tube, Oil -8 JIC Airend 285	1	
12	36758175	Tube, Oil -8 JIC Airend 285	1	
13	36758217	Tube, Oil -6 JIC Airend 285	1	
14	35279843	Tee, Brass 9/16" - 18 X -6 JIC	1	
15	36771731	Tube, Oil -6 JIC Airend 285	1	
16	35279835	Elbow, 45° 9/16" - 18 X -6 JIC	1	
17	35287945	Expander, O-Ring 7/16" - 20 X 9/16" - 18	1	
18	36758191	Tube, Oil -12 JIC Airend 285	1	
19	35291384	Elbow, 90° 1-5/8" - 12 X -16 JIC	1	
20	35287937	Elbow, 90° 9/16" - 18 X -8 JIC	1	
21	36769701	Tee, Manifold 9/16" - 18 X -8 JIC X 1/8" NPTF	1	
22	36762680	Insert, Orifice 0.62" ID	1	
23	35280528	O-Ring, 1.17" ID X 0.116" Cross Section	1	
24	35278571	O-Ring, 0.47" ID X 0.078" Cross Section	1	
25	35283068	Elbow, 90° Swivel Nut -6 JIC	1	
26	35279959	O-Ring, 0.35" ID X 0.072" Cross Section	1	
27	95365094	Elbow, 90° 9/16" - 18 X -6 JIC	1	
28	23294820	Sensor, Temperature 3/8" NPT	1	
29	95954038	Plug, Hex 1/4" NPT	1	
30	54496773	Transducer, Pressure 0 - 225 PSI	1	
31	35310226	Hose, -4 JIC X 74"	1	

Unloader



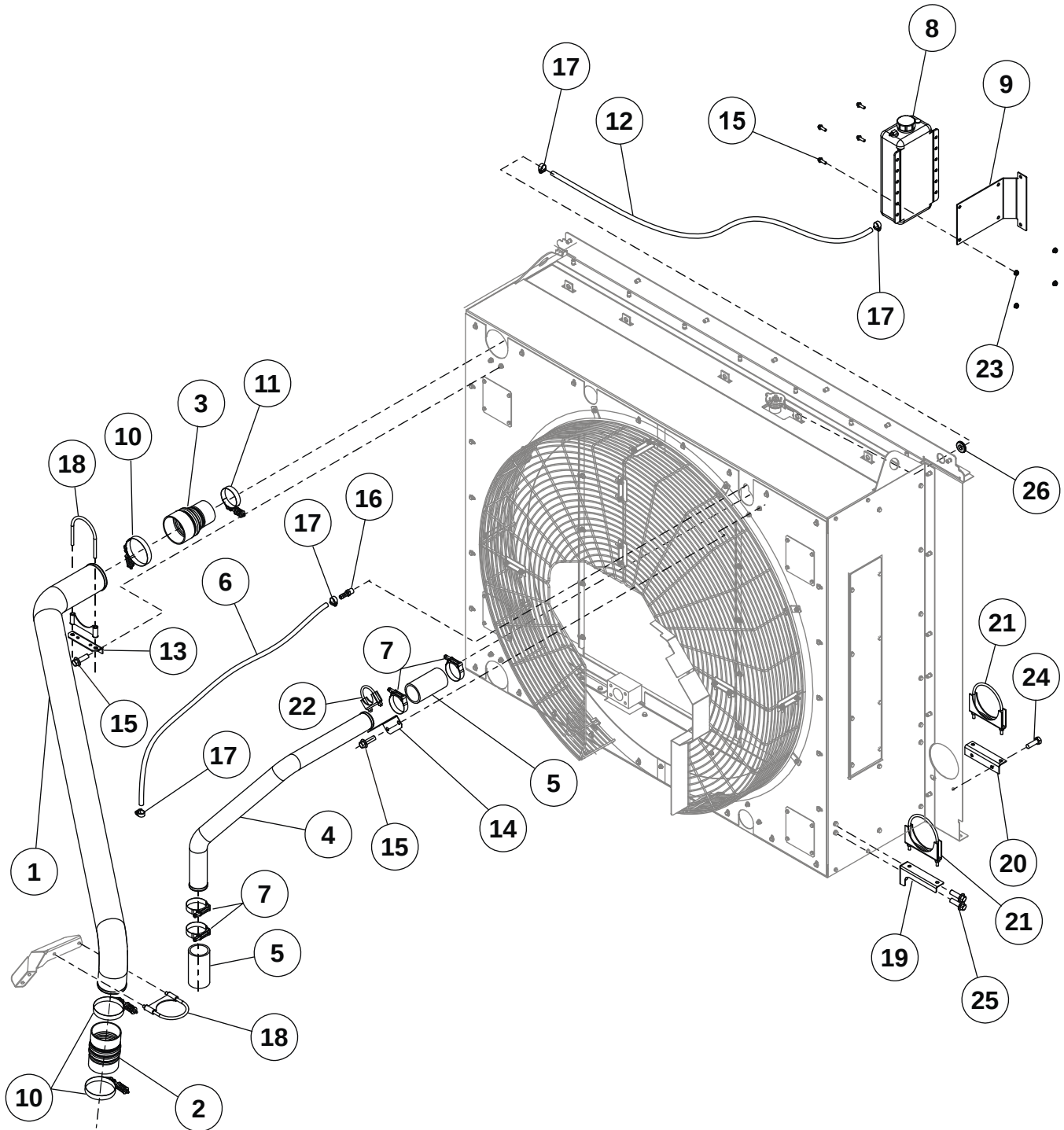
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35594878	Spring, Piston	1	
2	35594910	Spring, Valve	1	
3	35594829	Piston	1	
4	35594837	Diaphragm	1	
5	35332618	Washer, Piston	1	
6	95104147	Screw	1	
7	35594811	Cover, Piston	1	
8	96702659	Screw	8	
9	36729416	Body, Unloader	1	
10	95928222	Plug	1	
11	35594860	Valve, Unloader	1	
12	35332659	Bushing	2	
13	35332675	Stem, Valve	1	
14	35332634	Bushing, Housing	1	
15	35332642	Seal	1	
16	35594845	Gasket	1	
17	36729465	Housing, Piston	1	
18	96702287	Screw	12	
19	35331586	Grommet	2	
20	36897148	Valve	1	
21	35332626	Spacer	1	
22	39102355	O-Ring	1	
23	95928222	Plug	1	

Cooler Package



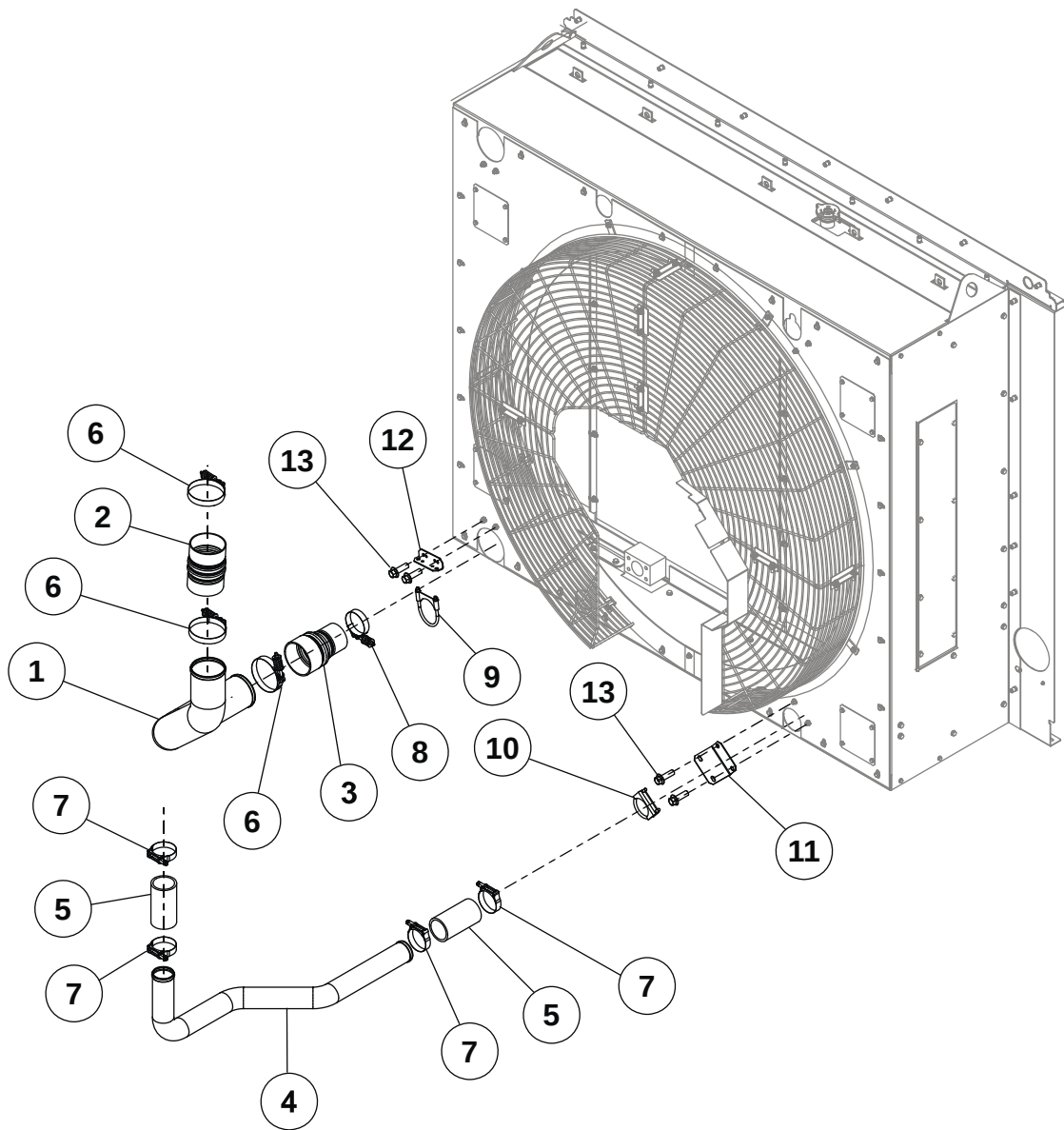
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46565699	Guard, Fan	1	
2	36889608	Screw, Hex Flange M08 - 1.25 X 25	49	
3	54661426SA	Cover, Cooler Access	4	
4	46555796SA	Orifice, Streetside Fan	1	
5	46554974SA	Shroud, Cooler Bottom	1	
6	46555589SA	Shroud, Cooler Streetside	1	
7	465660541SA	Baffle, Cooler Streetside	1	
8	46560542SA	Panel, Cooler Cleanout	2	
9	46554972SA	Shroud, Cooler Curbside	1	
10	46556494	Cooler, Assembly	1	
11	46560540SA	Baffle, Cooler Top	1	
12	46556492	Cooler, CAC	1	
13	46556491	Cooler, Oil	1	
14	46556490	Radiator	1	
15	22078190	Cap, Radiator	1	
16	95064671	Washer, Flat 5/16" ID	48	
17	95934303	Washer, Lock 5/16" ID	24	
18	95929782	Nut, Hex 5/16" - 18	24	
19	46560539SA	Shroud, Cooler Top	1	
20	36797652	Screw, Tapping M06 - 1.0 X 12	26	
21	95923322	Nut, Hex Nylon Lock 3/8" - 16	16	
22	35279025	Screw, Tapping M08 - 1.25 X 20	51	
23	36895746	Nutsert, Hex M08 - 1.25	49	
24	95929006	Screw, Hex 5/16" - 18 X 1"	24	
25	46554971SA	Orifice, Curbside	1	
26	36881886	Nut, Hex Flange M08 - 1.25	16	
27	35144336	Screw, Hex Flange Lock 5/16" - 18 X 3/4"	29	
28	24909483	Hose, 3/4" Red Coolant	55"	
29	46587460	Connector, 3/4" - 18 X -8 JIC Swivel	1	
30	35309210	Elbow, 90° 1/2" NPT X -8 JIC	1	
31	95953949	Bushing, Reducer 3/4" NPT X 1/2" FNPT	1	
32	35576115	Valve, Ball 3/4" NPT	1	
33	95219739	Connector, 3/4" NPT X -8 JIC	1	
34	22769186	Sensor, Coolant Level	1	
35	95235131	Clamp, Hose Wormgear 3/4" - 1-1/4" ID	2	
36	35346741	Nut, Retainer 5/16" - 18	29	
37	35326560	Adapter, Heater Hose	1	
38	95035358	Screw, Hex 3/8" - 16 X 1-1/4"	16	
39	95064689	Washer, Flat 3/8" ID	16	
40	95922647	Washer, Lock 3/8" ID	16	

Top Cooler Piping



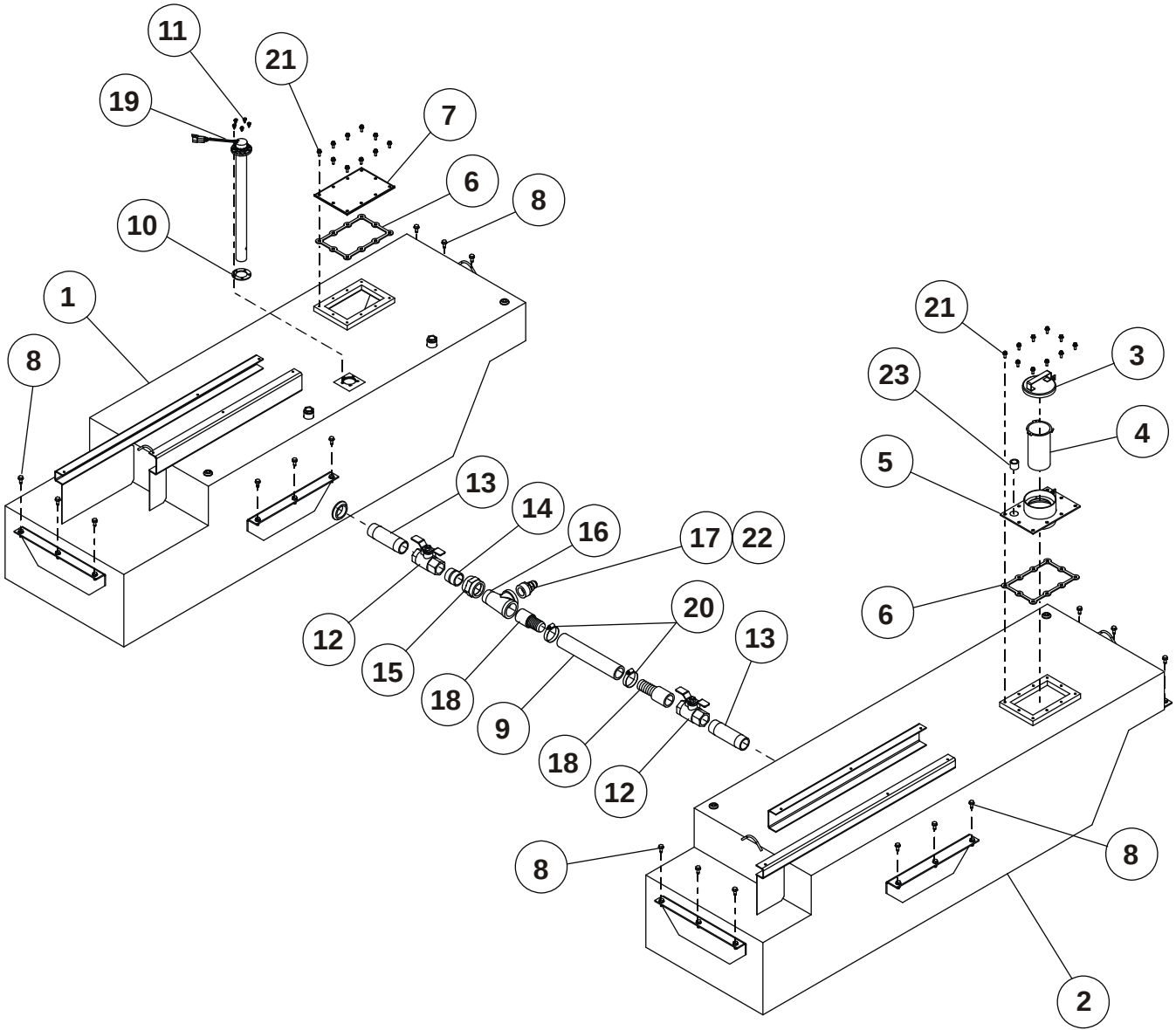
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46554967	Tube, Charge Air Cooler Top	1	
2	54422522	Connector, 4" Ribbed	1	
3	22058564	Hose, Straight Bellows 4" - 3"	1	
4	46561940	Tube, Engine Coolant Outlet	1	
5	23075302	Hose, Coolant 63.5 mm ID X 140 mm	2	
6	35285600	Hose, Fuel 3/8" ID	52"	
7	35314996	Clamp, T-Bolt 2-7/8" - 3-3/16" ID	4	
8	36845600	Bottle, Radiator Overflow	1	
9	46560799SA	Bracket, Coolant Recovery Bottle	1	
10	54444427	Clamp, Spring Loaded T-Bolt 4" - 4.-5/16" ID	3	
11	46490835	Clamp, Spring Loaded T-Bolt 3-1/4" - 3-1/2" ID	1	
12	35360775	Tubing, 5/16" ID	75"	
13	46572839SA	Bracket, Clamp Support	1	
14	46556308SA	Bracket, Radiator Tube Clamp	1	
15	36889608	Screw, Hex Flange M08 - 1.25 X 25	4	
16	35310598	Adapter, Barbed 3/8" Hose X 1/4" NPT	1	
17	95264776	Clamp, Hose Wormgear 7/16" - 3/4" ID	4	
18	35111731	Clamp, Saddle 4" ID	2	
19	46581099SB	Bracket, Exhaust Support	1	
20	35611235SB	Bracket, Tail Pipe Support	1	
21	35127653	Clamp, Muffler 5"	2	
22	35209048	Clamp, Saddle 2.5" ID	1	
23	36881886	Nut, Hex Flange M08 - 1.25	4	
24	36797652	Screw, Tapping M06 - 1.0 X 12	2	
25	35279025	Screw, Tapping M08 - 1.25 X 20	2	
26	35285162	Grommet, 3/4" ID X 1/8" Gap	1	

Lower Cooler Piping



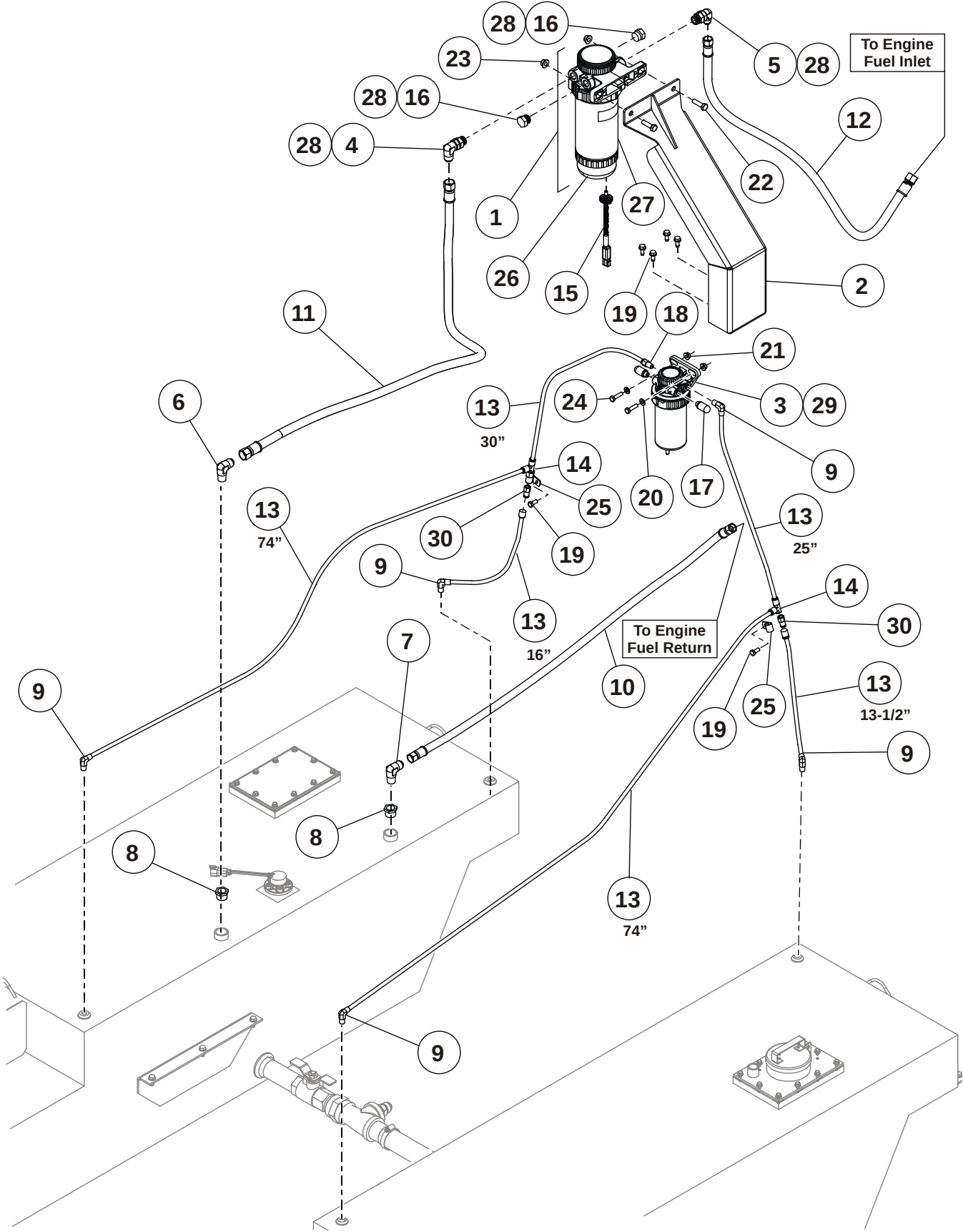
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46554968	Tube, Charge Air Cooler Bottom	1	
2	54422522	Connector, 4" Ribbed	1	
3	22058564	Hose, Straight Bellows 4" - 3"	1	
4	46561939	Tube, Engine Coolant Inlet	1	
5	23075302	Hose, Coolant 63.5 mm ID X 140 mm	2	
6	54444427	Clamp, Spring Loaded T-Bolt 4" - 4-5/16" ID	3	
7	35314996	Clamp, T-Bolt 2-7/8" - 3-3/16" ID	4	
8	46490835	Clamp, Spring Loaded T-Bolt 3-1/4" - 3-1/2" ID	1	
9	35111731	Clamp, Saddle 4" ID	1	
10	35209048	Clamp, Saddle 2-1/2" ID	1	
11	46556308SA	Bracket, Radiator Tube Clamp	1	
12	46572839SA	Bracket, Clamp Support	1	
13	36889608	Screw, Hex Flange M08 - 1.25 X 25	4	

Fuel Tank Assemblies and Mount



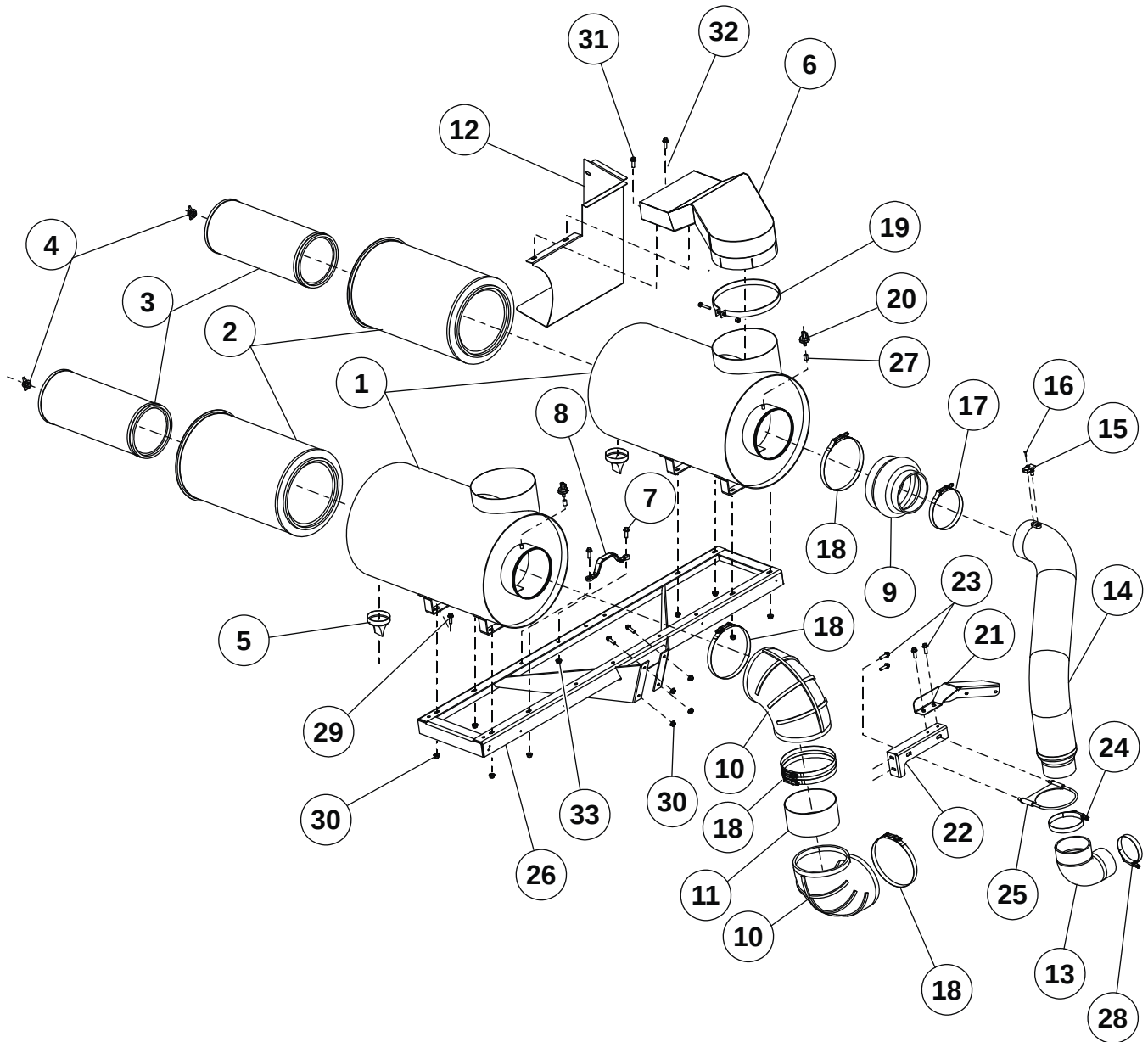
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46585060SB	Tank, HSRG RH Fuel	1	
2	46585059SB	Tank, HSRG LH Fuel	1	
3	36845014	Cap, Fuel Filler	1	
4	36845022	Strainer, Fuel Tank	1	
5	23148737	Cover, Fuel Fill	1	
6	35389964	Gasket, Cover	2	
7	22062566	Cover, Fuel Tank Cleanout	1	
8	35279025	Screw, Tapping M08 - 1.25 X 20	24	
9	23013493	Hose, Fuel 38.1 mm X 394 mm	1	
10	35361849	Gasket, Fuel Level Sender	1	
11	36842102	Screw, Tapping #10 - 32 X 1"	5	
12	46586499	Valve, Ball 1-1/2" NPT Tee Handle	2	
13	95953535	Nipple, Long 1-1/2" NPT X 6"	2	
14	95487773	Nipple, Close 1-1/2" NPT X 1-3/4"	1	
15	95592283	Union, Female 1-1/2" NPT	1	
16	95954285	Tee, Street 1-1/2" NPT	1	
17	95953873	Bushing, Reducer 1-1/2" NPT X 3/4" NPT	1	
18	54762190	Fitting, Barbed 1-1/2" NPT X 2" Hose	2	
19	46565979	Sensor, Fuel Level	1	
20	35221662	Clamp, Worm Gear 1-5/16" - 2-1/4"	2	
21	35144328	Screw, Hex Lock 1/4" - 20 x 5/8"	20	
22	95219747	Connector, Tube Fitting 3/4" NPT X -12 JIC	1	
23	95928255	Plug, Hex Socket 1/2" NPT	1	

Fuel System Piping



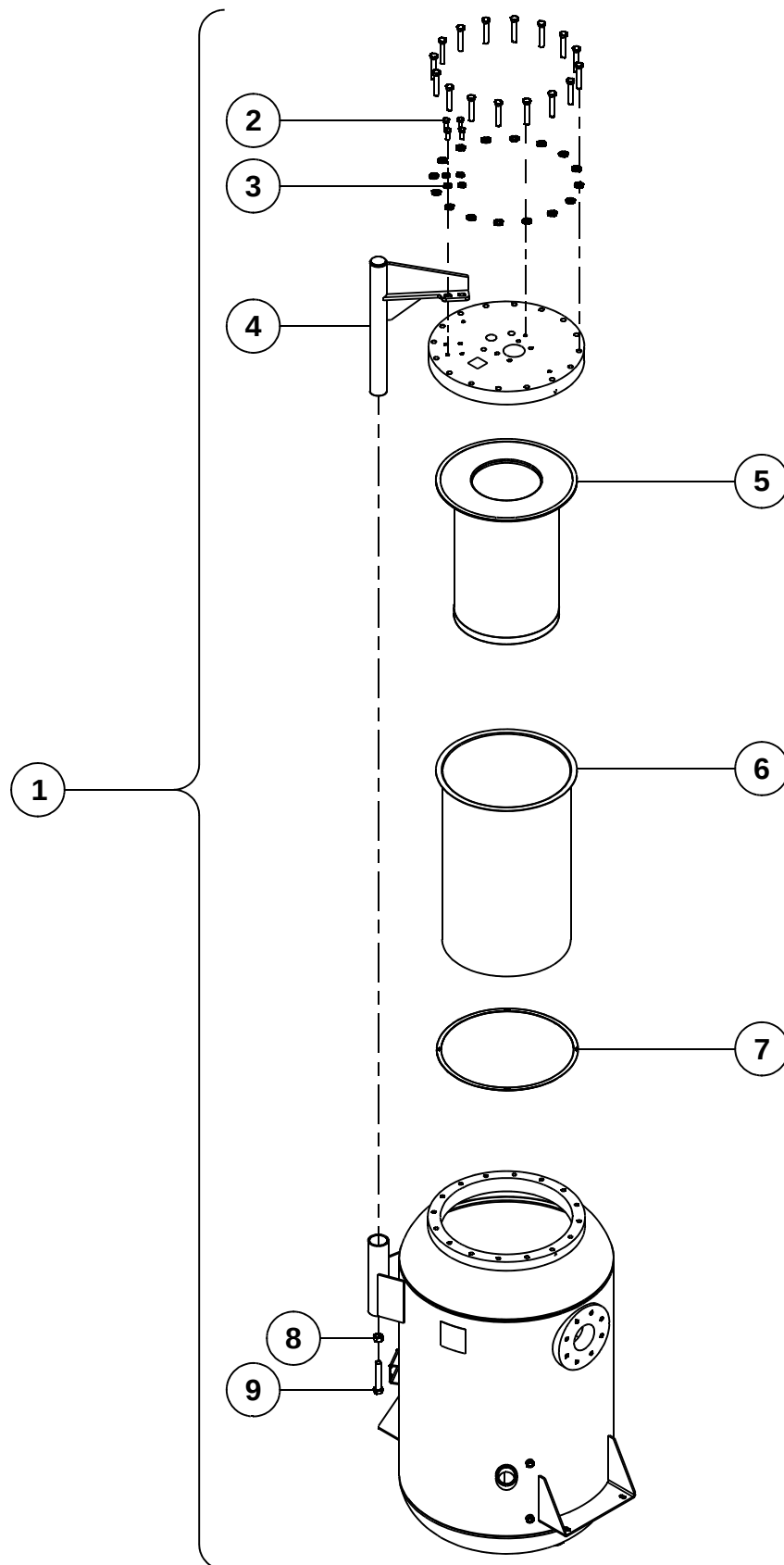
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46578119	Filter, Fuel / Water Separator 7 Micron	1	As Noted
2	46586779SB	Bracket, 7 Micron Fuel / Water Separator	1	
3	46591539	Filter, T4i Fuel Tank Vent 5 Micron	1	
4	35286491	Elbow, 90° 7/8" - 14 O-Ring X -10 JIC Swivel	1	
5	35286442	Elbow, 90° 7/8" - 14 O-Ring X -8 JIC Swivel	1	
6	35286756	Elbow, 90° 1/2" NPT X -10 JIC Swivel	1	
7	35309210	Elbow, 90° 1/2" NPT X -8 JIC	1	
8	95953949	Bushing, Reducer 3/4" NPT X 1/2" FNPT	2	
9	35369354	Elbow, 90° 1/4" NPT X 3/8" Tube	5	
10	35307719	Hose, -8 JIC X 48"	1	
11	35286558	Hose, -10 JIC X 68"	1	
12	46580979	Hose, -8 JIC X -10 JIC X 38"	1	
13	35356484	Tubing, 3/8" OD Synflex	~	
14	35369503	Tee, Street 1/4" NPT X 3/8" Tube	2	
15	46609799	Sensor, Water-in-Fuel	1	
16	35287028	Plug, 7/8" - 14 O-Ring	2	
17	35322395	Silencer, Pneumatic 1/4" NPT	2	
18	35369347	Connector, 1/4" NPT X 3/8" Tube	1	
19	35279025	Screw, Tapping M08 - 1.25 X 20	6	
20	95934998	Washer, Flat 5/16" ID	2	
21	36881886	Nut, Hex Flange M08 - 1.25	2	
22	96704309	Screw, Hex M10 - 1.5 X 35	2	
23	36879195	Nut, Hex Flange M10 - 1.5	2	
24	35271162	Screw, Hex M08 - 1.25 X 30	2	
25	35222538	Clamp, Support 9/16" Rubber Coated	2	
26	46610819	Bowl, Fuel / Water Separator	1	
27	46578120	Element, Fuel Filter 7 Micron	1	
28	35286533	O-Ring, 0.75" ID X 0.097" Cross Section	1	
29	46594960	Element, Fuel Filter 5 Micron	1	
30	35369339	Connector, 1/4" FNPT X 3/8" Tube	2	

Air Filters and Air Intake



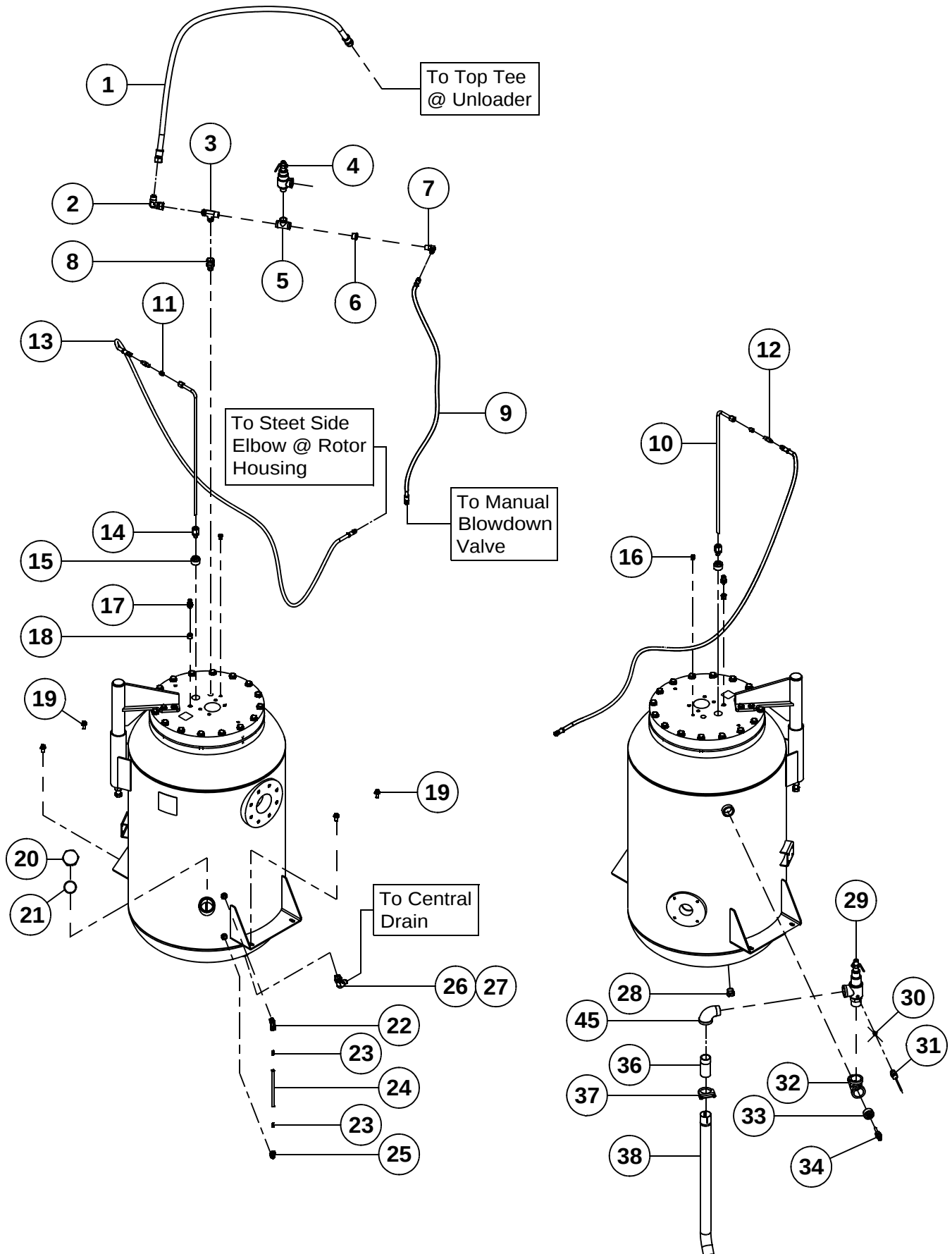
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36864346	Assembly, Air Cleaner	2	
2	36864361	Element, Primary	1	
3	36864379	Element, Safety	1	
4	35388982	Nut, Wing	1	
5	36867778	Valve, Evacuator	1	
6	46568820SB	Duct, Engine Air Intake	1	
7	36889608	Screw, Hex Flange M08 - 1.25 X 25	2	
8	35130707	Hold, Hand	1	
9	46556495	Reducer, Hose 8" X 6"	1	
10	36862886	Elbow, 90° Rubber 8" ID	2	
11	35300110	Tube, Connector (Engine Air)	1	
12	46568819SB	Baffle, Engine Air Filter Intake	1	
13	35274703	Elbow, 90° Reducing Rubber 5" X 4"	1	
14	46557157	Tube, Air Intake Engine	1	
15	46566779	Sensor, TBAP Cummins	1	
16	95942553	Screw, Pan Head Phillips #8 - 32 X 5/8"	1	
17	35123496	Clamp, T-Bolt 6-3/4" Nom. ID	1	
18	35129071	Clamp, T-Bolt 8-7/8" Nom. ID	5	
19	46606840	Clamp, Band 10-1/8" Mounting	1	
20	36847838	Switch, Vacuum	2	
21	46580700SB	Bracket, Pipe CAC	1	
22	46580699GB	Bracket, Pipe Air Intake	1	
23	35279025	Screw, Tapping M08 - 1.25 X 20	4	
24	35161025	Clamp, T-Bolt 5-1/2" Nom. ID	1	
25	36896579	Clamp, Saddle 6" ID	1	
26	46557256SB	Bracket, Air Cleaner	1	
27	95935599	Coupling, 1/8" NPT X 3/4"	2	
28	36897668	Clamp, T-Bolt 4-1/2" - 4-3/4"	1	
29	36880995	Screw, Hex Flange M10 - 1.5 X 30	12	
30	36879195	Nut, Hex Flange M10 - 1.5	12	
31	92368687	Screw, Tapping M06 - 1.0 X 14	2	
32	95935029	Washer, Flat 1/4" ID	2	
33	36881886	Nut, Hex Flange M08 - 1.25	2	

Separator Tank Assembly



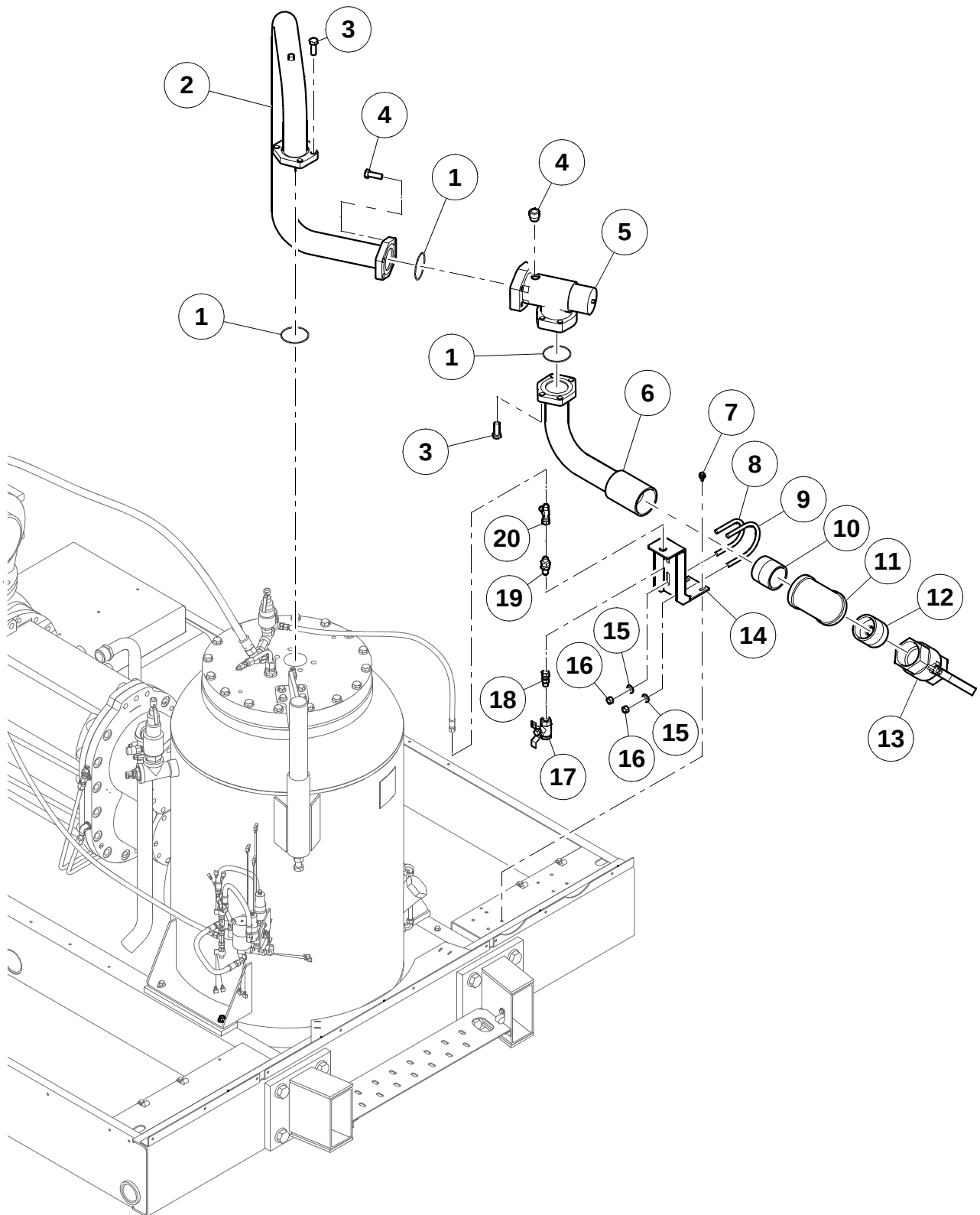
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46555809	Tank, Separator	1	Not Included in Item 1 Not Included in Item 1 Not Included in Item 1
2	95053047	Screw, Hex 1/2" - 13 X 1-1/4"	4	
3	95935003	Washer, Flat 1/2" ID	4	
4	46555808SA	Arm, Tank Cover Davit	1	
5	22402317	Element, Separator	1	
6	36754414	Shield, Separator Tank Inner	1	
7	35610617	Gasket, Inner Shield	1	
8	95922928	Nut, Hex 3/4" - 10	1	
9	96951488	Screw, Hex 3/4" - 10 X 4-1/2"	1	

Separator Tank Complete



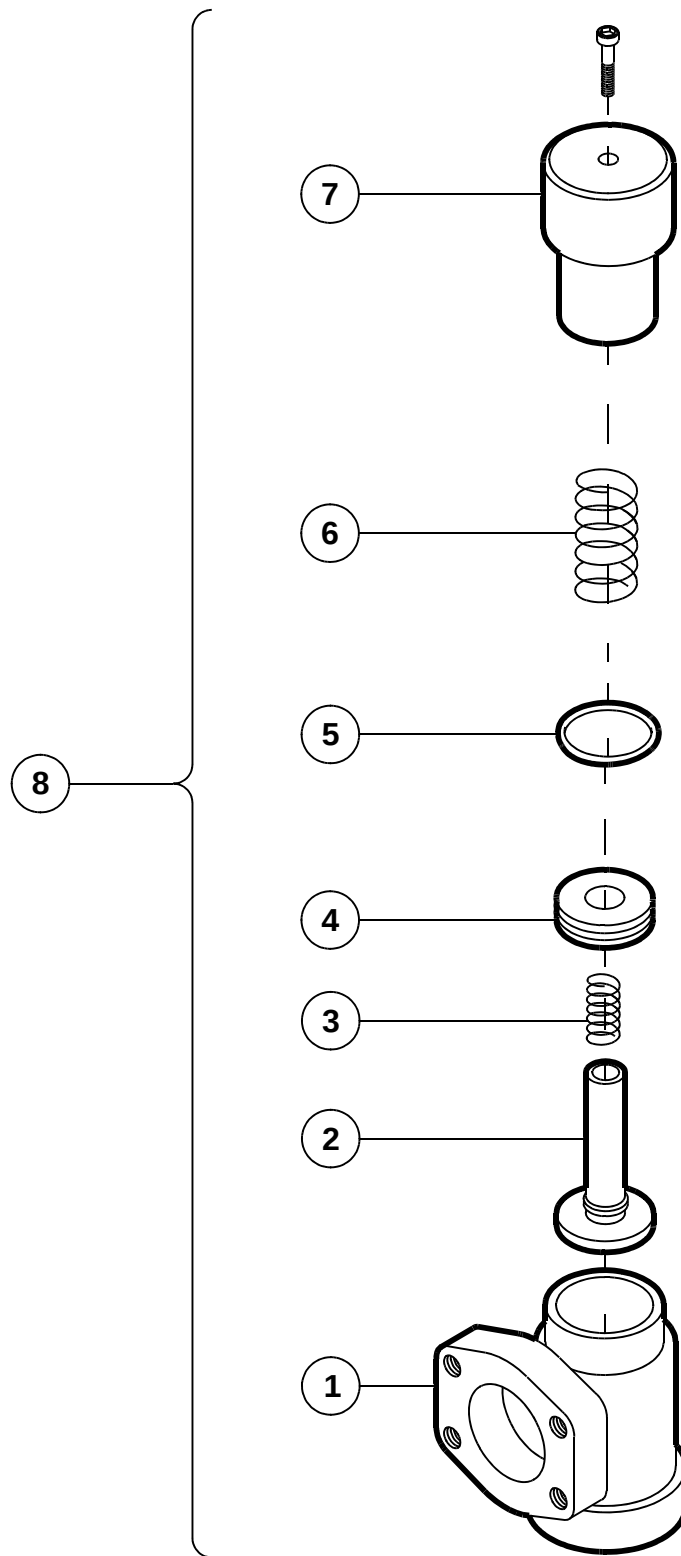
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35323807	Hose, -12 JIC X 68"	1	
2	35301506	Elbow, 90° Swivel Nut -12 JIC	1	
3	35330117	Tee, Male Run 3/4" NPT X -12 JIC	1	
4	22061394	Valve, Safety 190 PSI	1	
5	95954210	Tee, 3/4" NPT	1	
6	95953956	Bushing, Reducer 3/4" NPT X 3/8" NPT	1	
7	35279926	Elbow, 90° 3/8" NPT X -6 JIC	1	
8	36863702	Adapter, Swivel 3/4" NPTF X 1-1/16" - 12	1	
9	36844074	Hose, -6 JIC X 52"	1	
10	36794303	Tube, Scavenge	1	
11	95940748	Bushing, Reducer 3/8" NPT X 1/4" NPT	1	
12	36840411	Valve, Hex 1/4" NPT Check	1	
13	35310226	Hose, -4 JIC X 74"	1	
14	36510674	Fitting, Lenz	1	
15	95940912	Bushing, Reducer 1-1/4" NPT X 1/2" NPT	1	
16	95954038	Plug, Hex 1/4" NPT	1	
17	54496773	Transducer, Pressure 0 - 225 PSI	1	
18	95953931	Bushing, Reducer 1/2" NPT X 1/8" NPT	1	
19	36879492	Screw, Hex Flange M12 - 1.75 X 25	4	
20	35802933	Plug, Oil Filler	1	
21	35277797	O-Ring, 2.34" ID X 0.118" Cross Section	1	
22	22685481	Elbow, Compression	1	
23	22685507	Insert, Tube 1/4" OD X 3/4"	2	
24	22685531	Tube, Sight	1	
25	22685499	Elbow, Compression	1	
26	35294750	Elbow, 90° O-Ring 1-1/16" - 12 X -12 JIC	1	
27	35294768	O-Ring, 0.93" ID X 0.116" Cross Section	1	
28	95280541	Plug, Hex 1-1/16" - 12	1	
29	36764371	Valve, Safety 1-1/2" NPT 200 PSI	1	
30	95930301	Bushing, Reducer 1/4" NPT X 1/8" NPT	1	
31	46568519	Switch, Pressure 12 PSI	1	
32	95954285	Tee, Street 1-1/2" NPT	1	
33	95942108	Bushing, Reducer 1-1/2" NPT X 1/2" FNPT	1	
34	23294838	Sensor, Temperature 1/2" NPT	1	
35	95953311	Elbow, 90° Reducer 1-1/4" NPT X 1-1/2" NPT	1	
36	36764389	Nipple, Pipe 1-1/2" NPT	1	
37	35192178	Clamp, Muffler 2" ID	1	
38	54744149	Pipe, Discharge Safety Valve	1	

Service Air Piping



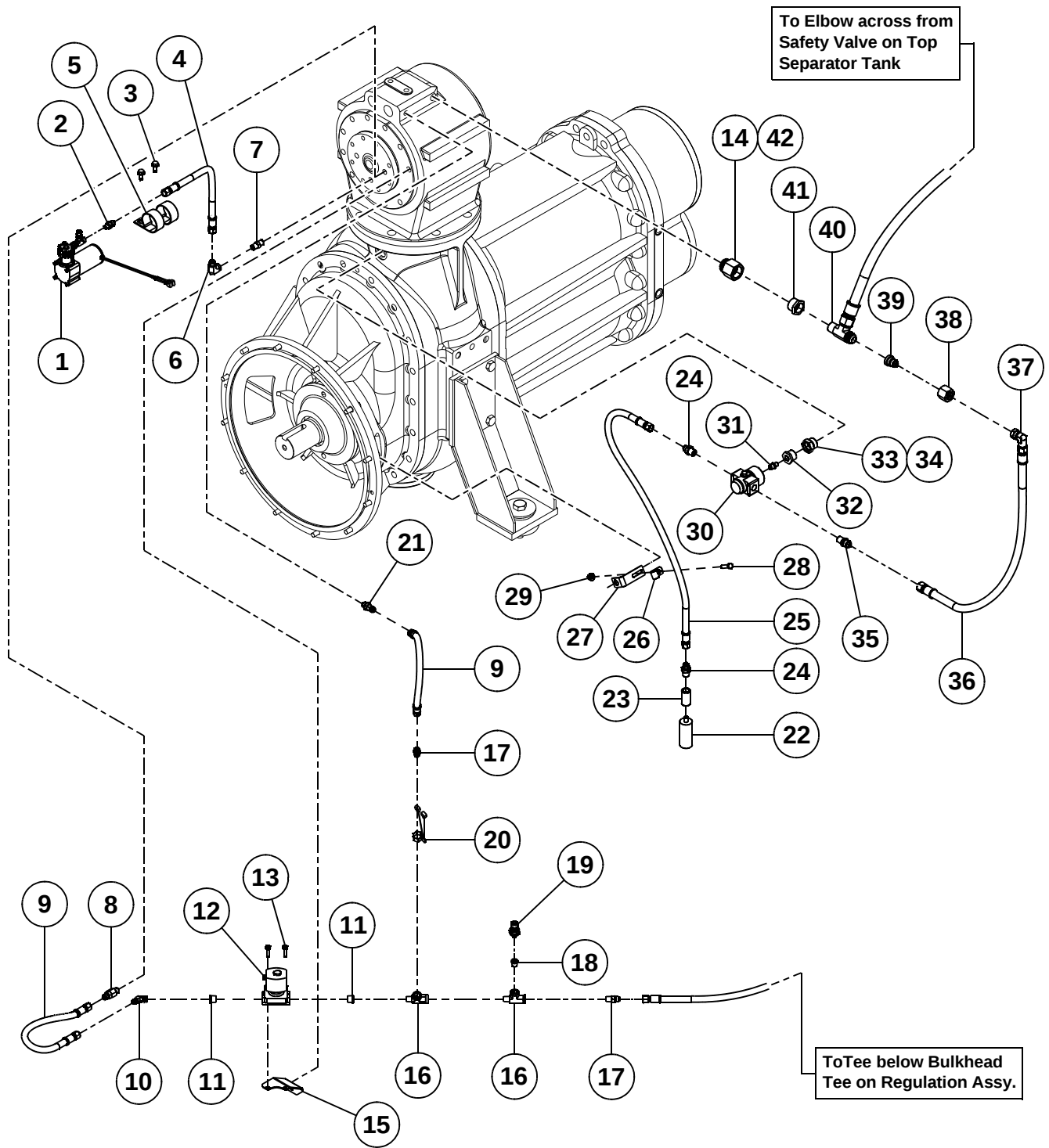
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	95358040	O-Ring, 3.38" ID X 0.125" Cross Section	3	
2	46620183	Tube, Separator Tank Minimum Pressure Valve	1	
3	95929089	Screw, Hex 5/8" - 11 X 1.75"	12	
4	95947149	Plug, Hex Countersink 3/4" NPT	1	
5	54642152	Valve, Check 3" Minimum Pressure	1	
6	46561941	Tube, Service Air	1	
7	35130293	Screw, Tapping 3/8" - 16 X 3/4"	4	
8	35586288	U-Bolt, 1/2" - 13 X 3"	1	
9	36799419	U-Bolt, 1/2" - 13 X 4-5/8"	1	
10	95940946	Nipple, Short 3" NPT X 3"	1	
11	95941027	Elbow, 90° 3" NPT	1	
12	54393210	Nipple, 3" NPT w/ Orifice		
13	36755718	Valve, 3" Ball	1	
14	54668314	Bracket, Service Pipe Mounting	1	
15	95935003	Washer, Flat 1/2" ID	4	
16	95922902	Nut, Hex 1/2" - 13	4	
17	35324839	Valve, Ball 1/4" NPT	1	
18	35367846	Connector, Swivel Nut 1/4" NPT X -6 JIC	1	
19	35336189	Connector, Bulkhead -6 JIC	1	
20	95415667	Tee, Swivel Run -6 JIC	1	

Minimum Pressure Check Valve



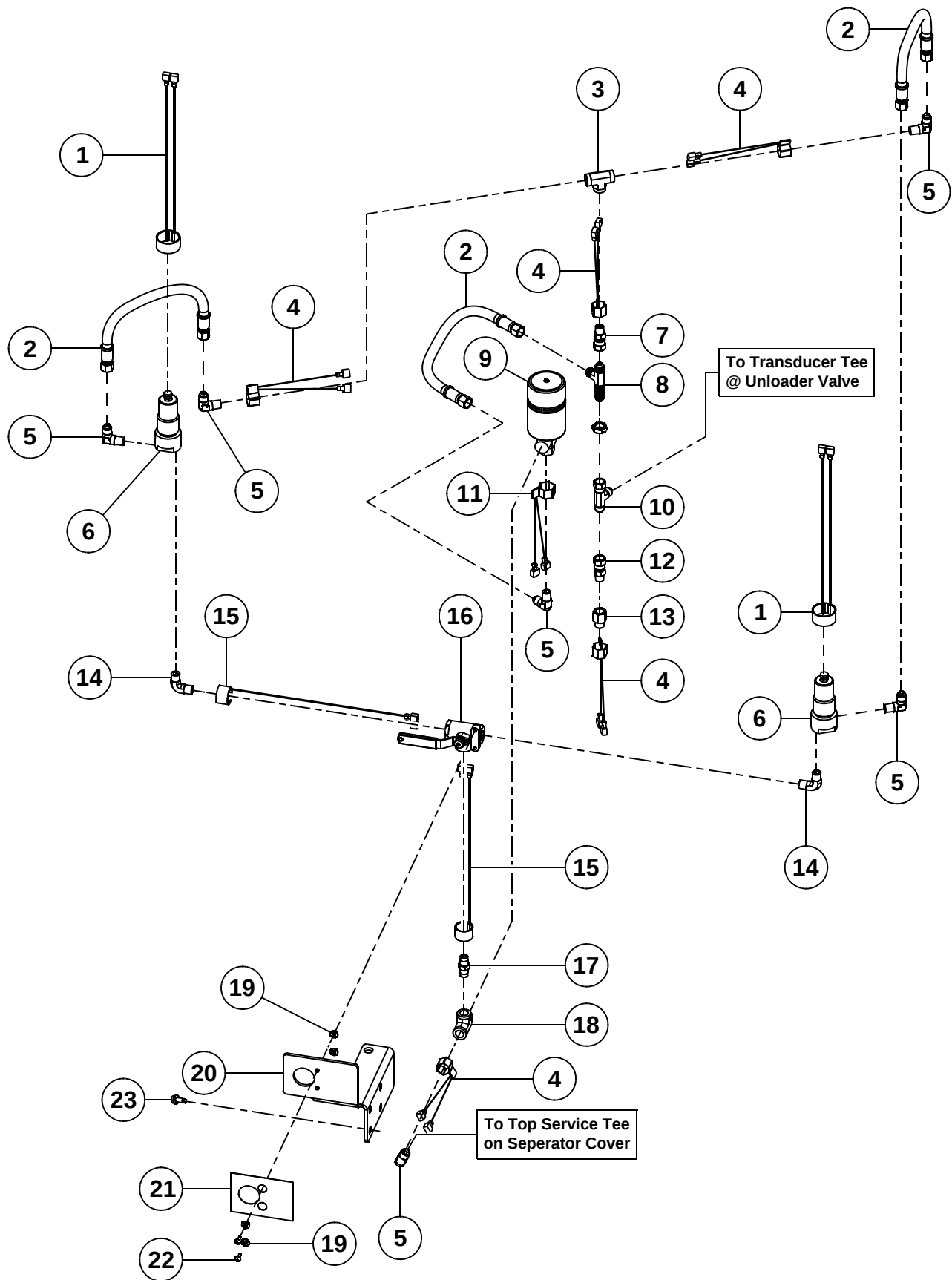
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	54699731	Body, Check Valve	1	
2	36792380	Assembly, Check Valve	1	
3	54699749	Spring, Check Valve	1	
4	36792927	Assembly, Piston Min. Pressure Check Valve	1	
5	54699756	O-Ring, Minimum Pressure Check Valve	1	
6	36794790	Spring, Main	1	
7	36794808	Assembly, Cap	1	
8	54642152	Assembly, Minimum Pressure Check Valve	1	

Regulation - Anti-Rumble Piping



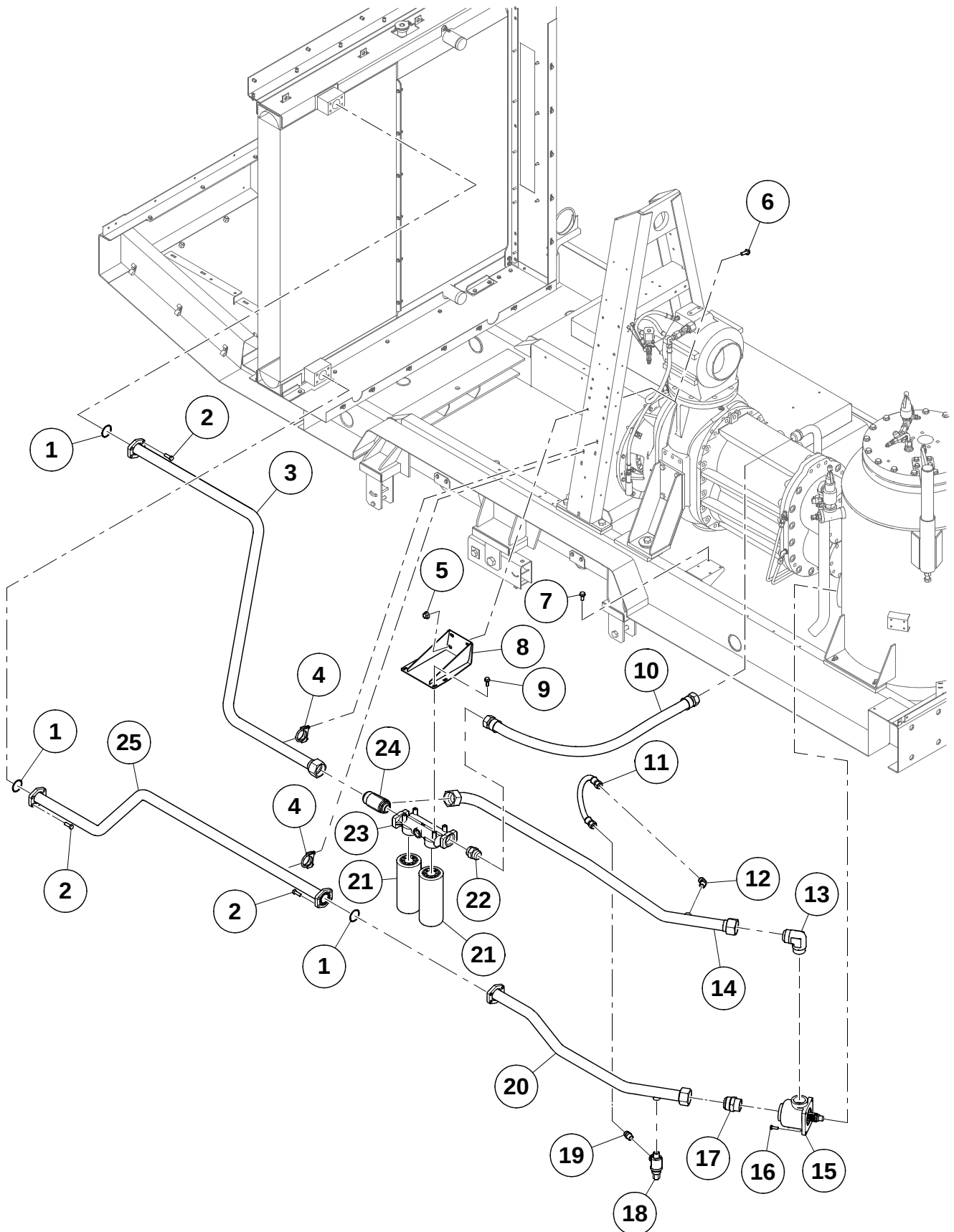
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46576919	Compressor, 24 VDC	1	
2	46558459	Connector, 1/8" NPT X 3/8" Tube	1	
3	35279025	Screw, Hex Tapping M08 - 1.25 X 20	2	
4	46608801	Hose, -6 JIC X 17"	1	
5	35119718	Clamp, Support 2" Dia. Rubber Coated	2	
6	35280098	Elbow, 90° 1/4" NPT X -6 JIC	1	
7	35248145	Valve, Hex 1/4" NPTF Check	1	
8	36840460	Valve, Check Orifice 0.040" Dia.	1	
9	46604560	Hose, -6 JIC X 14-3/4"	2	
10	46548020	Elbow, 45° 1/4" NPT X 3/8" Tube	1	
11	46547915	Bushing, Reducer 3/8" NPT X 1/4" FNPT	2	
12	36840841	Valve, Solenoid 24V 3/8" NPT	1	
13	95934816	Screw, Hex 1/4" - 20 X 1"	2	
14	35280510	Adapter, O-Ring 1-5/16" - 16 X 1" NPT	1	
15	22857155	Bracket, Solenoid Unloader	1	
16	46547840	Tee, Male Run 1/4" NPT	2	
17	46547956	Connector, 1/4" NPT X 3/8" Tube	1	
18	46547857	Bushing, Reducer 1/4" NPT X 1/8" FNPT	1	
19	36920825	Transducer, Pressure 0 - 100 PSI	1	
20	36841526	Heater, 3/4" Hex 24 VDC	1	
21	46608860	Elbow, 45° O-Ring 9/16" - 18 X -6 JIC	1	
22	36762623	Silencer, Air 3/8" NPT	1	
23	95989554	Coupling, 3/8" NPT X 1-5/8"	1	
24	35290147	Connector, 3/8" NPT X -6 JIC	2	
25	35282987	Hose, -6 JIC X 34"	1	
26	35222538	Clamp, Support 9/16" Rubber Coated	1	
27	35190487	Bracket, Tube Clamp	1	
28	36898096	Screw, Hex Flange M06 - 1.0 X 20	1	
29	36898104	Nut, Hex Flange M06 - 1.0	1	
30	35335017	Valve, Blowdown	1	
31	95944575	Nipple, Close 1/4" NPT X 7/8"	1	
32	95944633	Bushing, Reducer 3/4" NPT X 1/4" NPT	1	
33	35279116	Adapter, O-Ring 1-1/16" - 12 X 3/4" NPT	1	
34	35294768	O-Ring, 0.93" ID X 0.116" Cross Section	1	
35	35283126	Connector, 3/8" NPT X -8 JIC Swivel	1	
36	35298512	Hose, -8 JIC X 30"	1	
37	35287911	Elbow, 90° Swivel -8 JIC	1	
38	35324987	Nut, Tube -12 JIC	1	
39	35365774	Reducer, Tube -12 JIC X -8 JIC	1	
40	35330117	Tee, Male Run 3/4" NPT X -12 JIC	1	
41	95944617	Bushing, Reducer 1" NPT X 3/4" NPT	1	
42	35280528	O-Ring, 1.17" ID X 0.116" Cross Section	1	

Regulation Piping



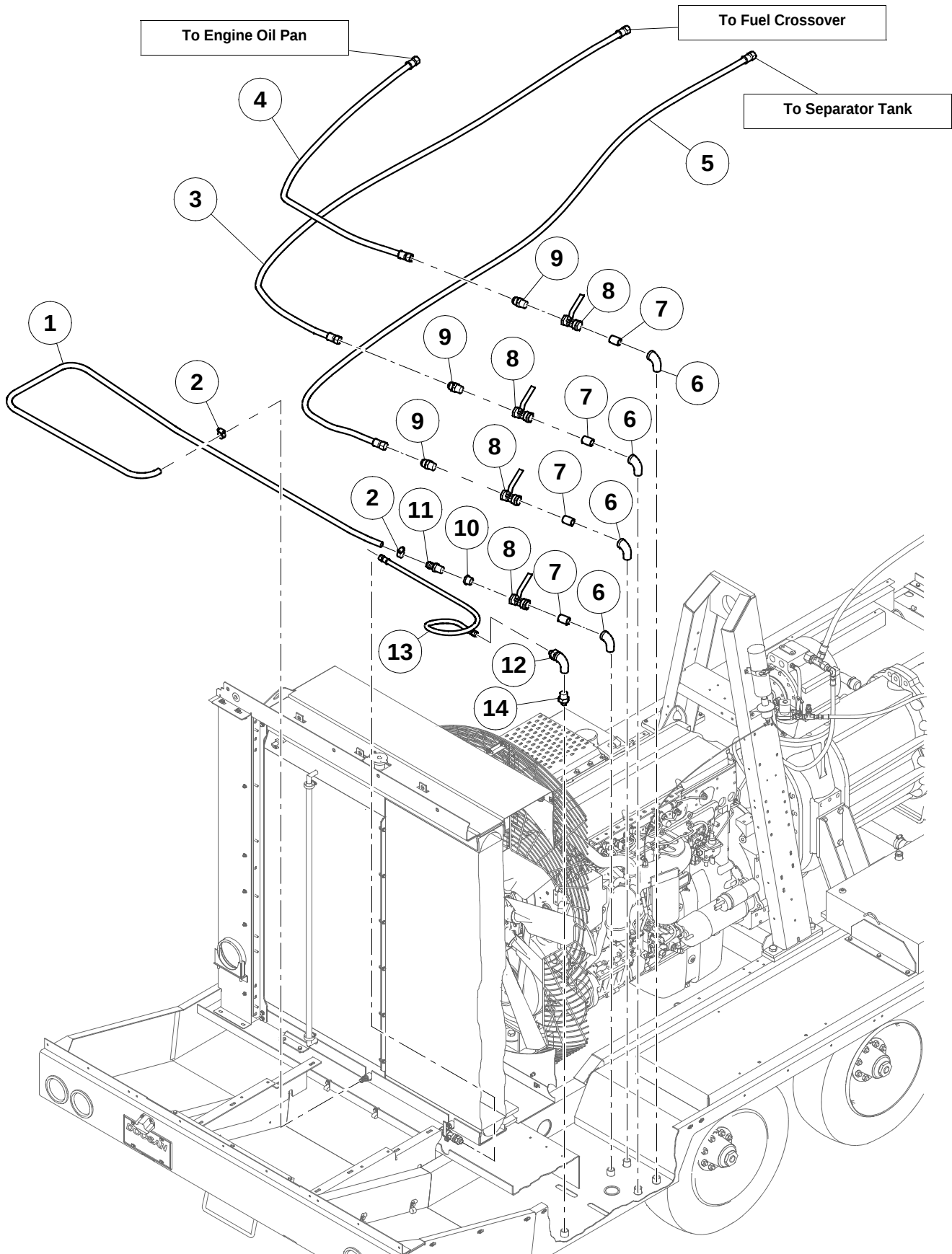
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36854677	Heater, Regulator 24 VDC	2	
2	46547964	Hose, -6 JIC X 350 mm	3	
3	46547824	Tee, 1/4" NPT	1	
4	36841526	Heater, 3/4" Hex 24 VDC	5	
5	46547881	Elbow, 90° 1/4" NPT X 3/8" Tube	6	
6	36896892	Regulator, Pressure 200 PSI	2	
7	95986121	Connector, Hex 1/4" NPT X 3/8" Tube	2	
8	46570001	Tee, Male Run -6 JIC	1	
9	46553075	Valve, Solenoid 1/4" NPT X 24 VDC	1	
10	46607825	Tee, Run Swivel -6 JIC	1	
11	46499687	Heater, 7/8" Hex 24 VDC	1	
12	35367846	Connector, Hex 1/4" NPT X 3/8" Tube	1	
13	35123124	Fitting, 0.125" Dia Orifice 1/4" NPT	1	
14	46547865	Elbow, 90° 1/4" NPT	2	
15	23346612	Heater, Cylindrical 24 VDC	2	
16	46562499	Valve, Ball 1/4" NPT 3-Way	1	
17	46547816	Nipple, Hex 1/4" NPT X 3/8" Tube	1	
18	46547840	Tee, Male Run 1/4" NPT	1	
19	95954251	Washer, Flat #10	4	
20	46558420SB	Bracket, Regulation Support	1	
21	46607441	Decal, Dual Pressure Valve Operation	1	
22	95095659	Screw, Round Head Phillips #10 - 24 X 1/2"	2	
23	35279025	Screw, Hex Tapping M08 - 1.25 x 20	4	

Oil Piping



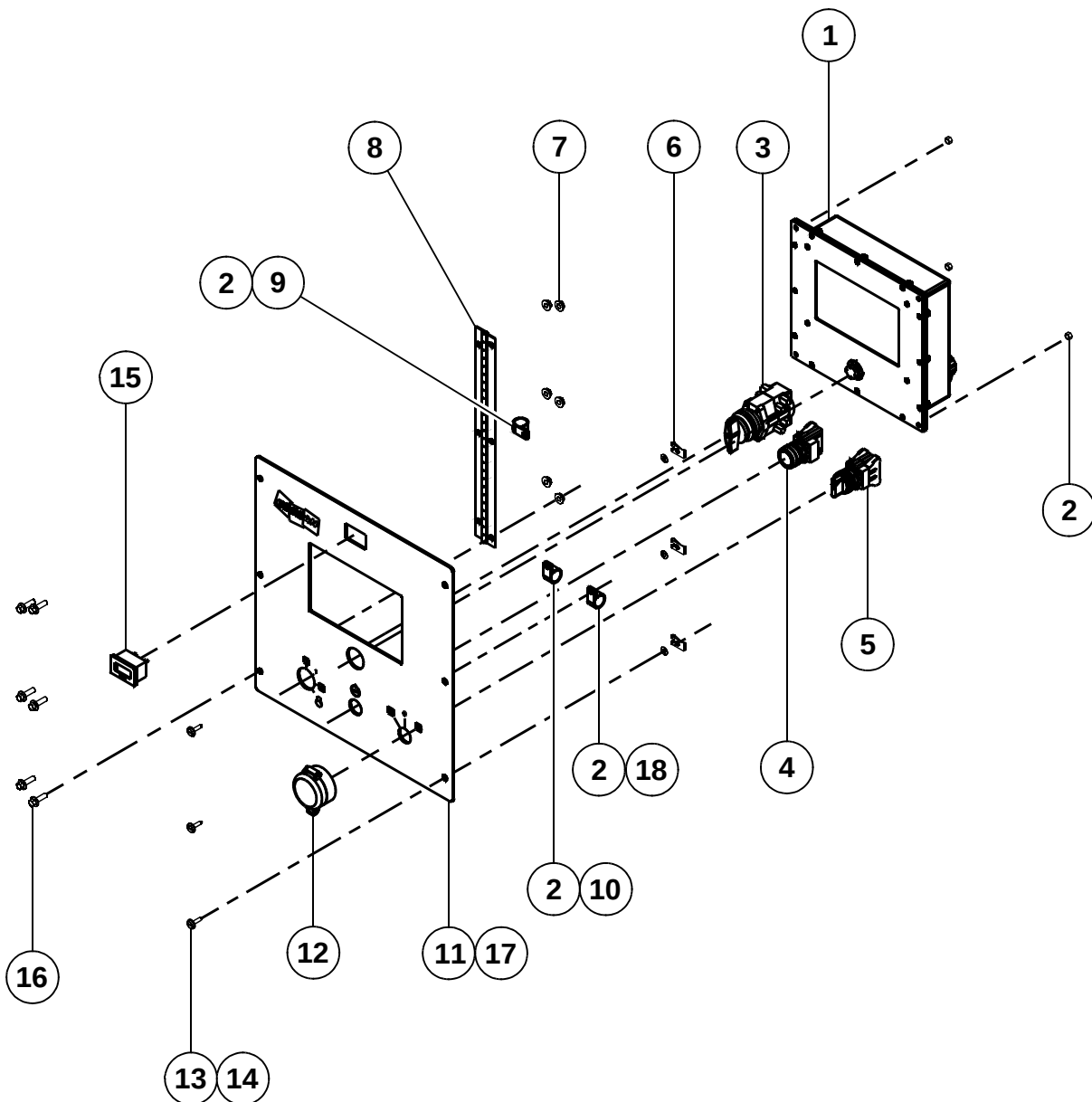
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	95357976	O-Ring, 2.25" ID X 0.125" Cross Section	3	
2	95920708	Screw, Hex 1/2" - 13 X 1-1/2"	12	
3	46557160	Tube, Oil Cooler Outlet To Filter	1	
4	35192178	Clamp, Saddle 2"	2	
5	36879195	Nut, Hex Flange M10 - 1.5	4	
6	36880995	Screw, Hex Flange M10 - 1.5 X 30	4	
7	35279025	Screw, Hex M08 - 1.25 X 20	4	
8	54625173SB	Bracket, Oil Filter	1	
9	35144344	Screw, Hex Flange 3/8" - 16 X 1"	4	
10	35142116	Hose, -24 JIC X 47"	1	
11	35287721	Hose, -12 JIC X 17"	1	
12	95279105	Elbow, 45° Tube 3/4" NPT X -12 JIC	1	
13	95286910	Elbow, 90° Tube 2" NPT X -32 JIC	1	
14	46610779	Tube, Oil Bypass	1	
15	22711774	Valve, Oil Temperature Bypass	1	
16	96701917	Screw, Hex M10 - 1.5 X 30	4	
17	35335124	Connector, Male 2" NPT X -32 JIC	1	
18	35260439	Valve, Relief	1	
19	95219747	Connector, 3/4" NPT X -12 JIC	1	
20	46608959	Tube, Oil Manifold Oil Cooler	1	
21	36897346	Element, Oil Filter	2	
22	35296409	Connector, 1-7/8" - 12 X -24 JIC	1	
23	39871306	Head, Dual Filter	1	
24	36756906	Tee, Street 1-7/8" - 12 X -32 JIC	1	
25	46557159	Tube, Oil Cooler	1	

Central Drains



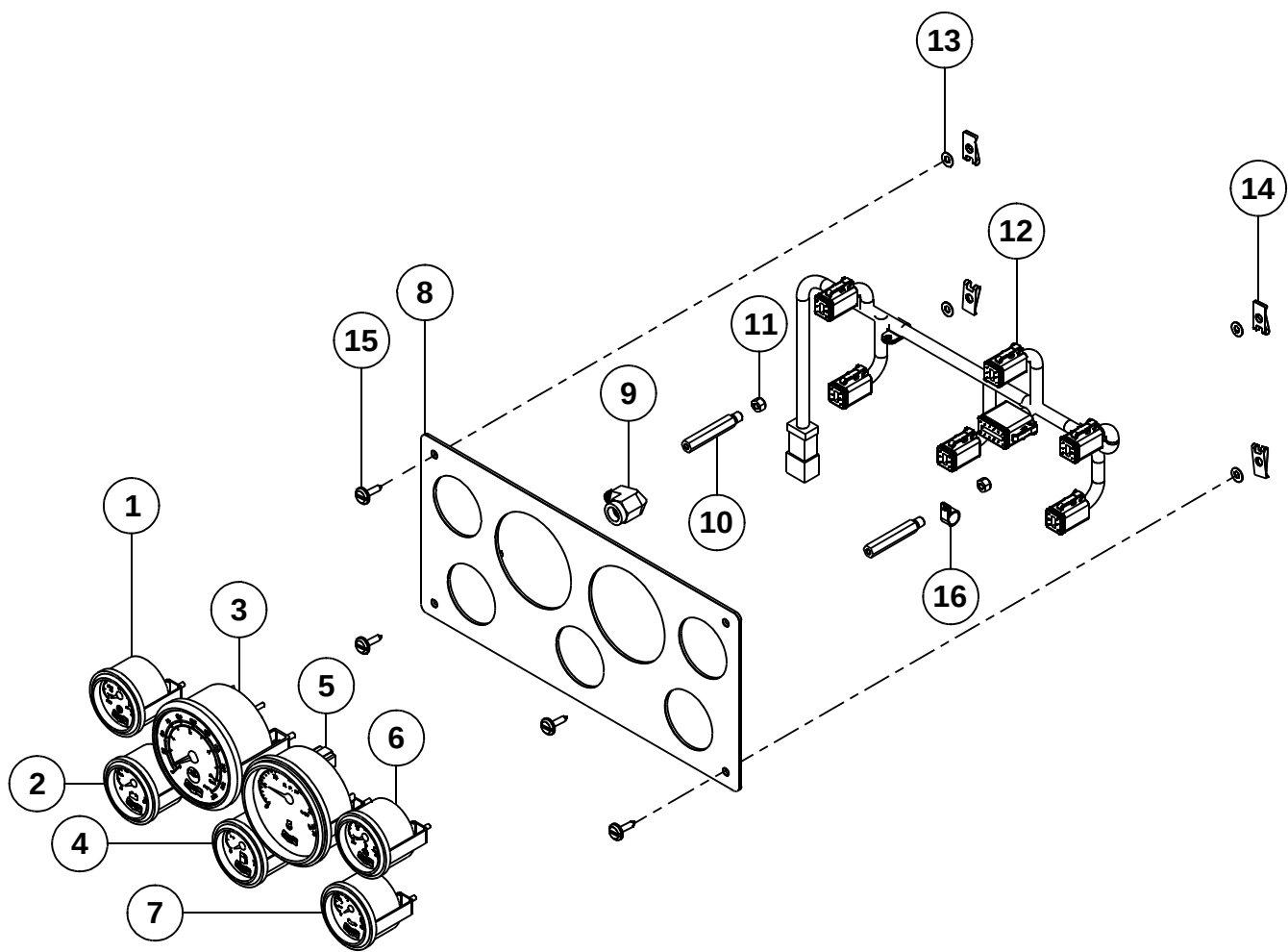
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35326578	Hose, Heater 5/8" ID	132	
2	95235131	Clamp, Hose Wormgear 3/4" - 1-1/4" ID	2	
3	36898328	Hose, -12 JIC X 138"	1	
4	35323880	Hose, -12 JIC X 79"	1	
5	36878254	Hose, -12 JIC X 175"	1	
6	95928172	Elbow, 90° Street 3/4" NPT	4	
7	95928040	Nipple, Pipe 3/4"	4	
8	35576115	Valve, Ball 3/4" NPT	4	
9	95219747	Connector, 3/4" NPT X -12 JIC	3	
10	95953949	Bushing, Reducer 3/4" NPT X 1/2" FNPT	1	
11	35326560	Adapter, Heater Hose	1	
12	35287911	Elbow, 90° Swivel -8 JIC	1	
13	35286541	Hose, -8 JIC X 68"	1	
14	95219739	Connector, 3/4" NPT X -8 JIC	1	

Control Panel



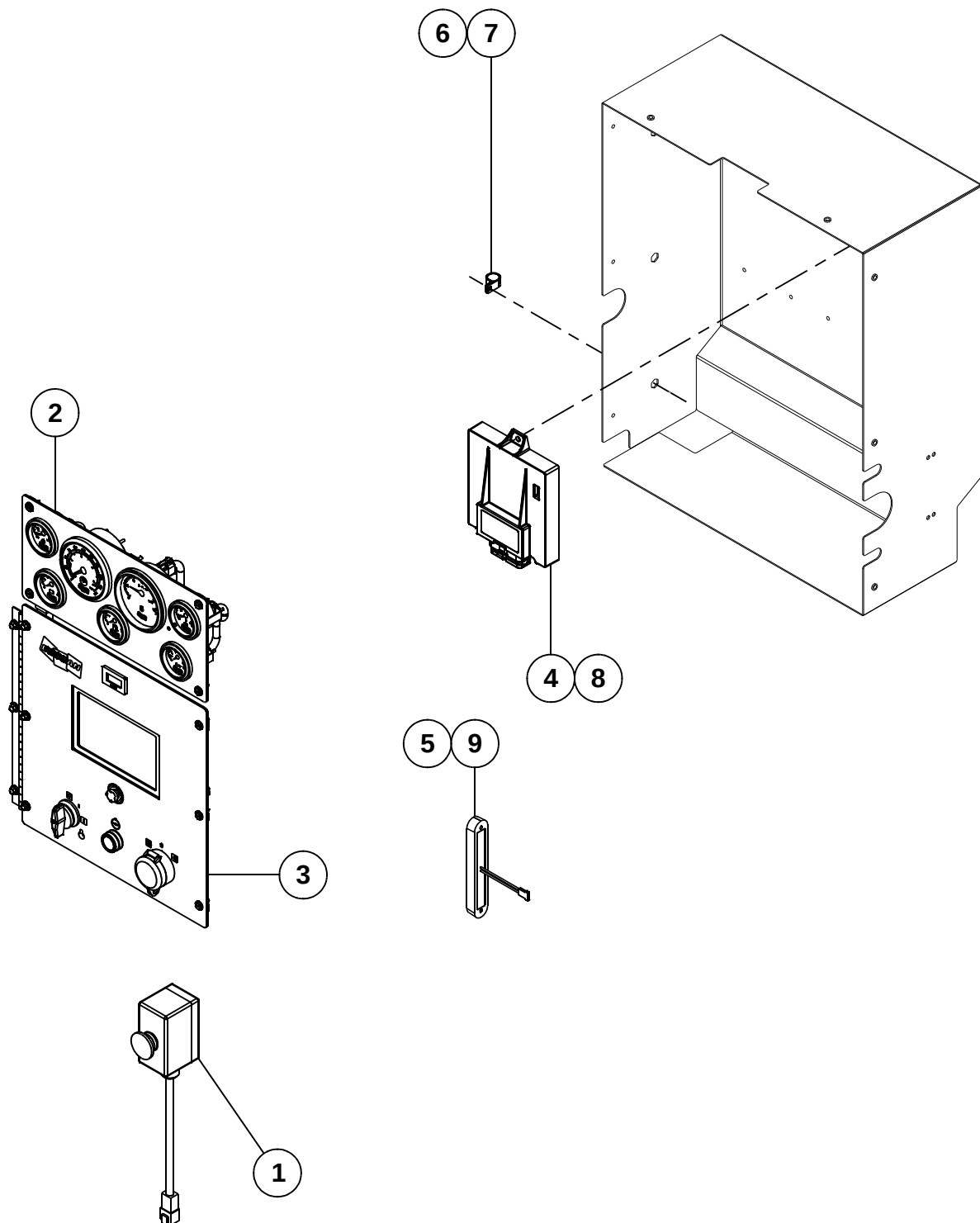
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46594821	Viewport, Information	1	Field Replacement Part
2	95928800	Nut, Hex Lock #10 - 32	8	
3	46559025	Switch, Main Control	1	
4	46559026	Button, Service Air	1	
5	46556142	Switch, Regeneration Control	1	
6	35256452	Receptacle, Quarter-Turn Clip-on	3	
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, Stud	6	
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 Nylon 5/16" ID	1	

Gauge Panel



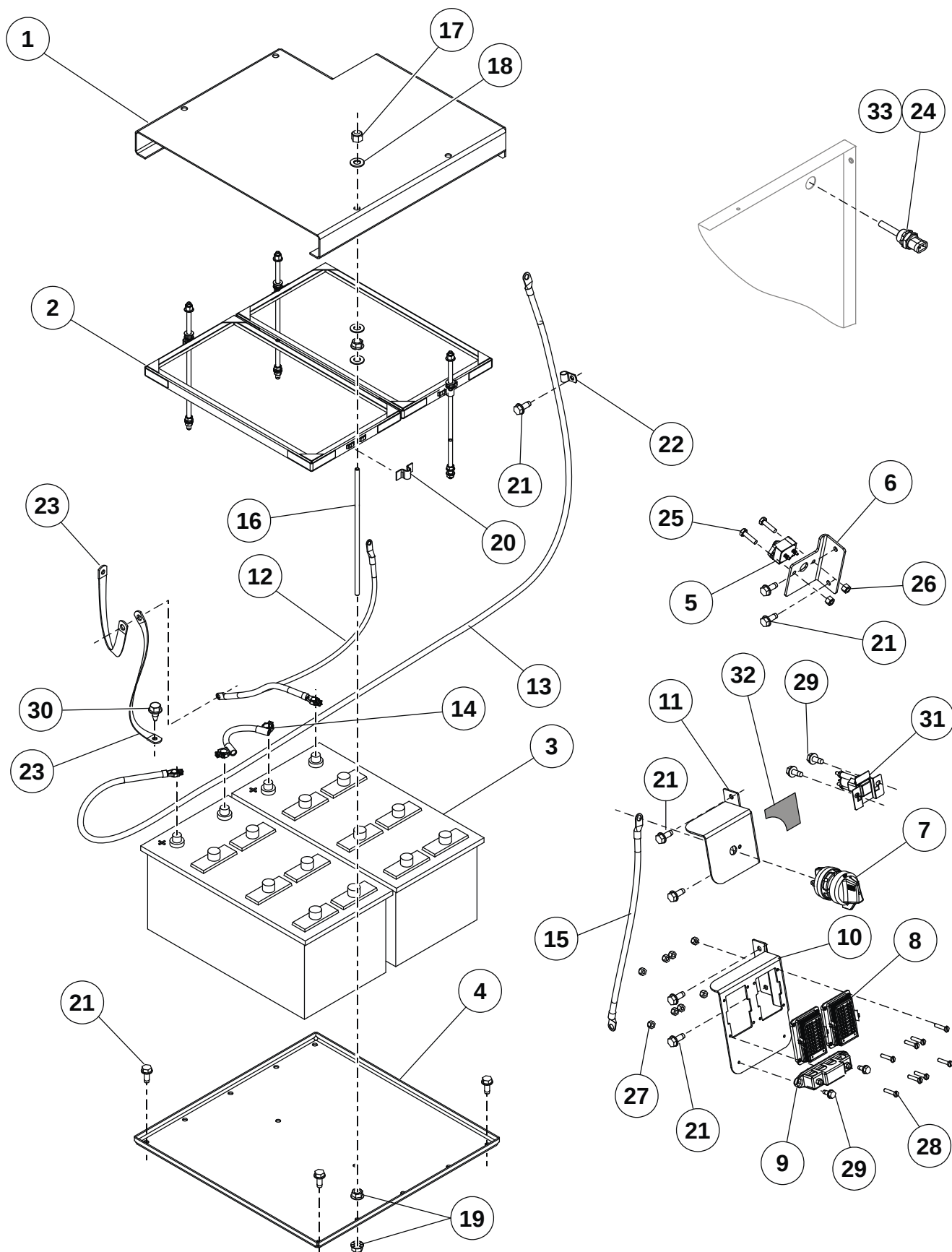
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46558806	Gauge, Airend Discharge Temperature	1	
2	46558805	Gauge, Voltmeter	1	
3	46558799	Gauge, Pressure 0 - 250 PSI	1	
4	46565479	Gauge, Fuel Level	1	
5	46558802	Gauge, Tachometer	1	
6	46558804	Gauge, Engine Coolant Temperature	1	
7	46558803	Gauge, Engine Oil Pressure	1	
8	46567499	Plate, Gauge Panel	1	
9	35280098	Elbow, 90° 1/4" FNPT 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, Stud	8	
14	35256452	Receptacle, Quarter-Turn Clip-on	4	
15	35256429	Stud, Quarter-Turn Slotted	4	
16	46564985	Clamp, Cable Nylon 3/8" ID	1	

Operator Panel Mount



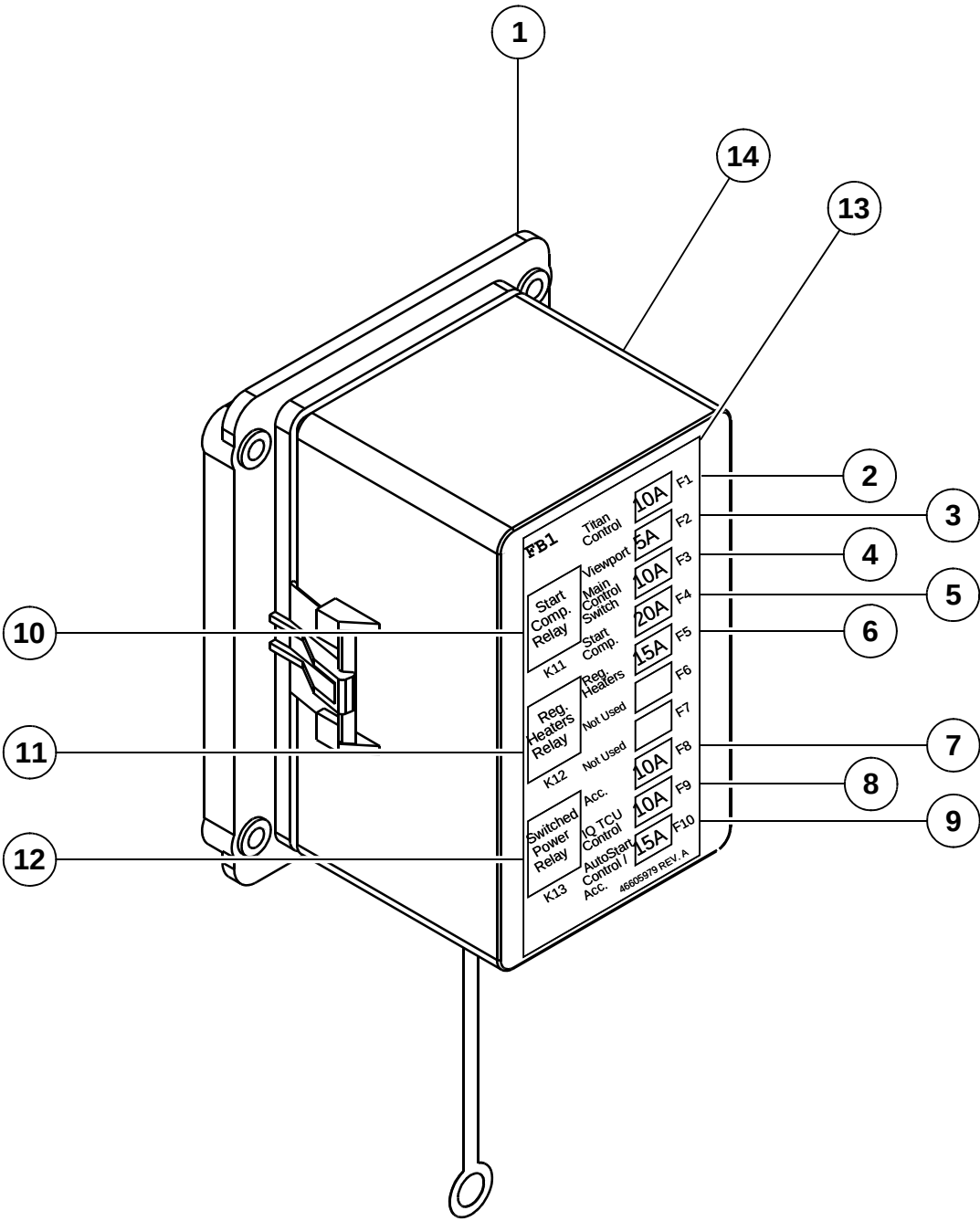
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	23281017	Switch Assembly, E-Stop	1	Press. Ga. not Included
2	46564983	Assembly, Gauge Panel	1	
3	46564981	Assembly, Control Panel	1	
4	92368687	Screw, Tapping M06 - 1.0 X 14	3	
5	46582799	Lamp, Panel LED	1	
6	35279025	Screw, Hex Tapping M08 - 1.25 x 20	1	
7	35225077	Clamp, Support 11/16" ID Rubber Coated	1	
8	46551938	Controller, Titan	1	
9	22068282	Screw, Tapping M04 X 25	2	

Battery, Disconnect Switch, Fuse and Relay Mount



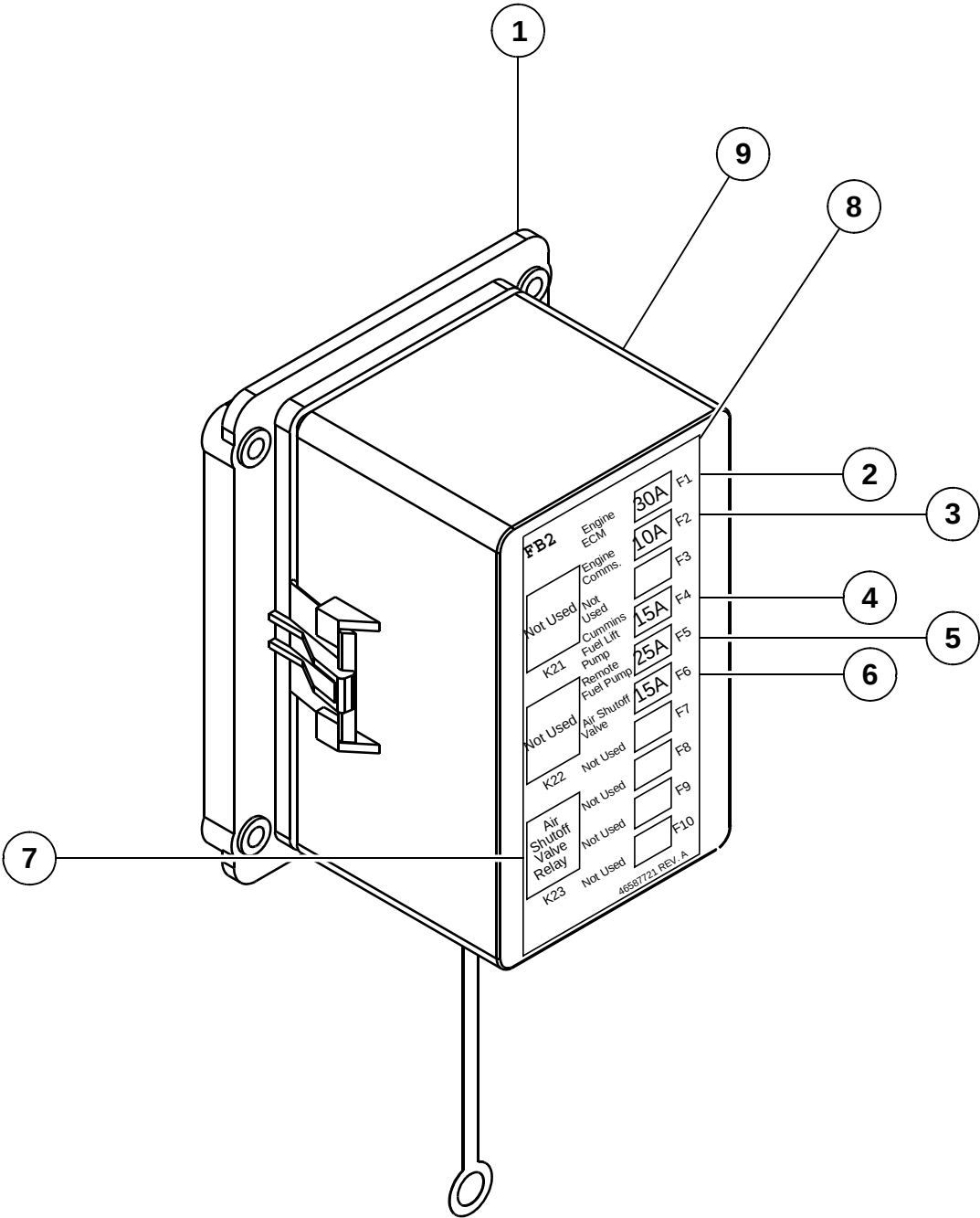
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	54706825SB	Cover, Battery	1	
2	35562156	Frame, Battery Holder	2	
3	35225788	Battery, 12 VDC	2	
4	36870350SB	Tray, Battery	1	
5	46615979	Breaker, Thermal Circuit 150 A	1	
6	46616939SB	Bracket, Circuit Breaker	1	
7	46556146	Switch, Battery Disconnect	1	
8	46556356	Center, Fuse / Relay	2	
9	46567039	Block, Terminal 4-Point 3/8" Stud	1	
10	46587019SB	Bracket, Fuse Block & Terminal Block	1	
11	46574679SB	Bracket, Battery Disconnect	1	
12	46590420	Cable, Battery Negative 450 mm	1	
13	46590419	Cable, Battery Positive 1750 mm	1	
14	35128982	Cable, Battery Jumper 200 mm	1	
15	46590421	Cable, Battery Positive Stud to Stud 525 mm	1	
16	54715479	Stud, Battery	4	
17	95923322	Nut, Hex Nylon Lock 3/8" - 16	4	
18	95935037	Washer, Flat 3/8" ID	12	
19	35145077	Nut, Hex Lock Washer 3/8" - 16	12	
20	35108216	Clip, Battery Frame	4	
21	35279025	Screw, Tapping M08 - 1.25 X 20	10	
22	35222538	Clamp, Support 9/16" Rubber Coated	1	
23	36783488	Strap, Ground	2	
24	23294838	Sensor, Temperature 1/2" NPT	1	
25	95934816	Screw, Hex 1/4" - 20 X 1"	4	
26	95923298	Nut, Hex 1/4" - 20	4	
27	95928800	Nut, Hex Lock #10 - 32	8	
28	36842102	Screw, Tapping #10 - 32 X 1"	8	
29	92368687	Screw, Tapping M06 - 1.0 X 14	4	
30	35130293	Screw, Tapping 3/8" - 16 X 3/4"	1	
31	36853521	Relay, 24V SPST 100 A	1	
32	46621316	Decal, Battery Disconnect	1	
33	36853505	Nut, Lock 1/2" NPT	1	

Fuse Block and Relay Center 1



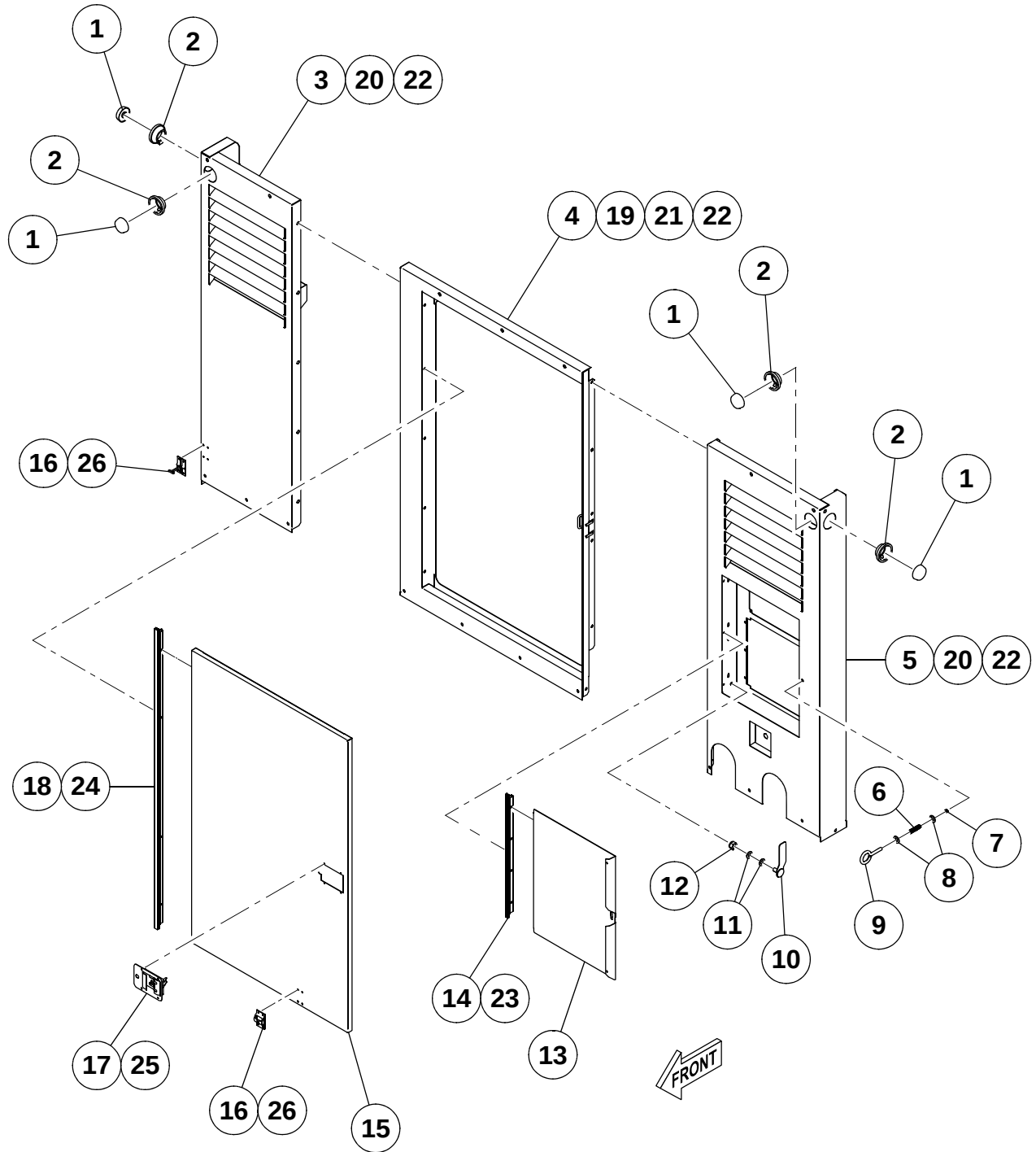
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46556356	Center, Fuse / Relay	1	
2	23091812	Fuse, 10A Mini Blade	1	
3	23326069	Fuse, 5A Mini Blade	1	
4	23091812	Fuse, 10A Mini Blade	1	
5	23091838	Fuse, 20A Mini Blade	1	
6	23091820	Fuse, 15A Mini Blade	1	
7	23091812	Fuse, 10A Mini Blade	1	
8	23091812	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



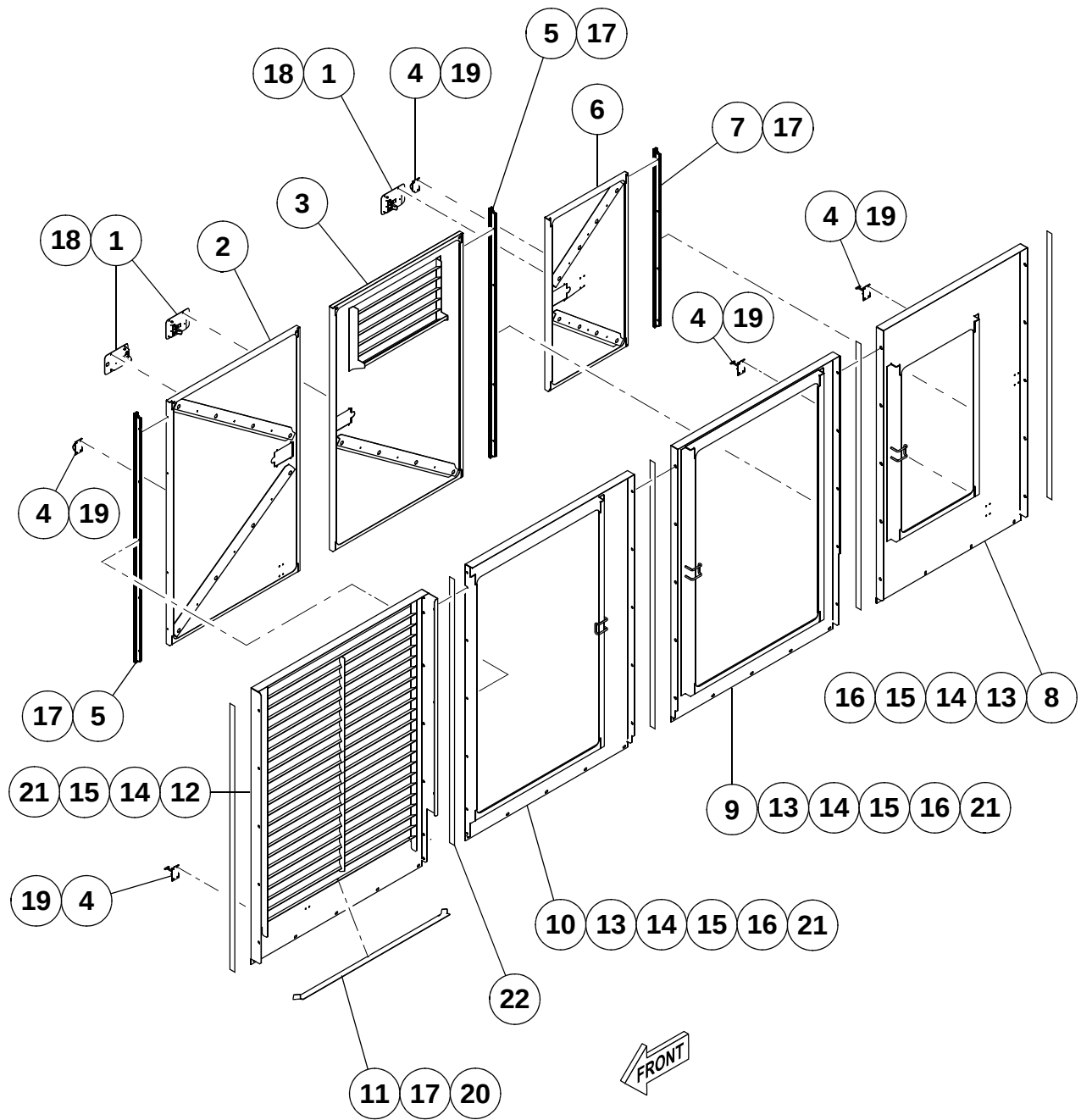
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46556356	Center, Fuse / Relay	1	
2	23091853	Fuse, 30A Mini Blade	1	
3	23091812	Fuse, 10A Mini Blade	1	
4	23091820	Fuse, 15A Mini Blade	1	
5	23091846	Fuse, 25A Mini Blade	1	
6	23091820	Fuse, 15A Mini Blade	1	
7	23316250	Relay, 24VDC	1	
8	46587721	Decal,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

Enclosure - Front Panels



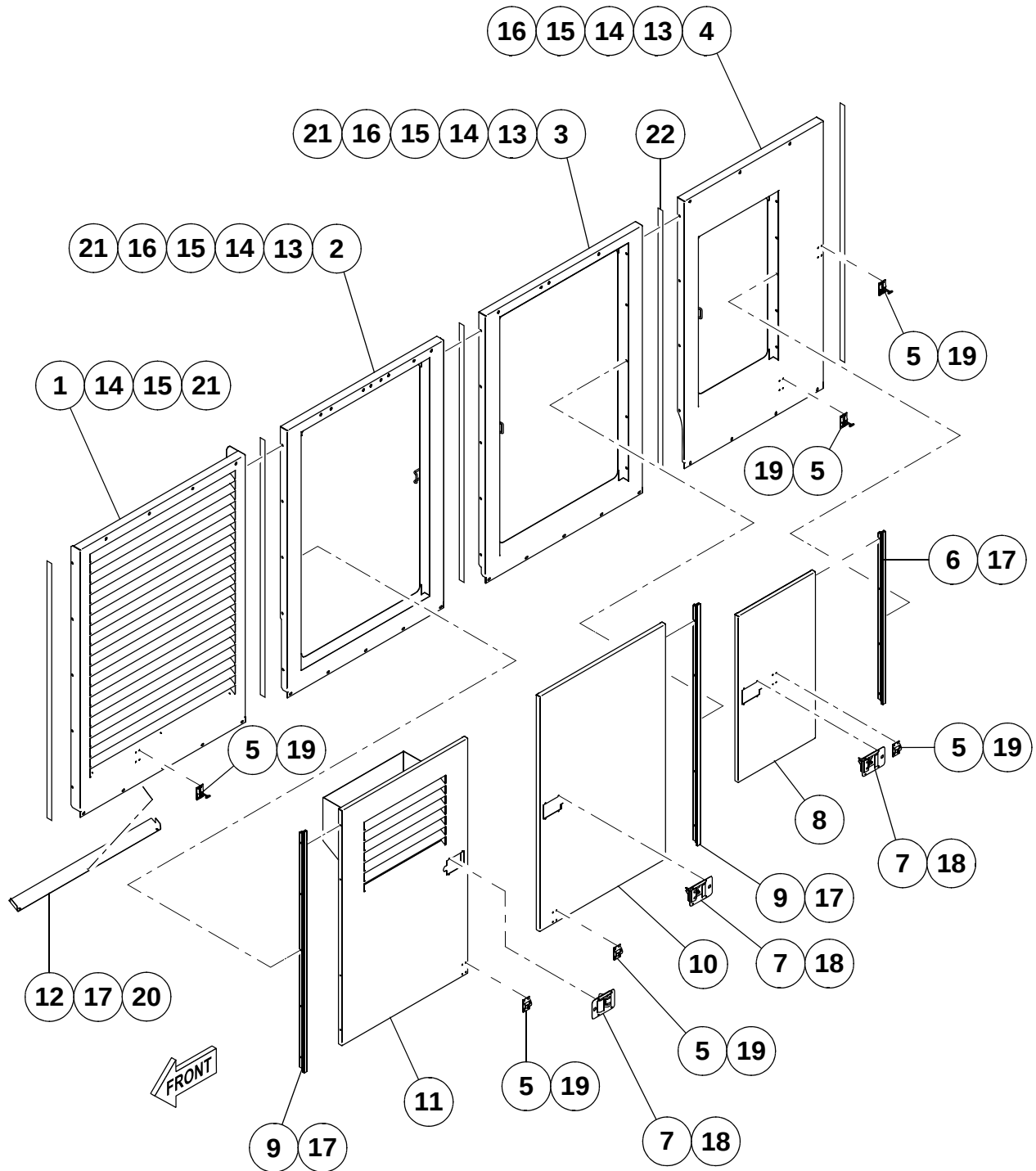
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35367051	Lamp, Yellow Clearance	4	
2	36893634	Grommet, Clearance Lamp	4	
3	46556383	Panel, Front Curbside	1	
4	46620521	Frame, Door Front	1	
5	46613540	Panel, Front Streetside	1	
	46556376	Panel, Front Streetside (IQ Option)	1	
6	35327311	Spring, Door Latch	1	
7	95923314	Nut, Locking 5/16" - 18	1	
8	95934998	Washer, Flat 5/16"	2	
9	35327303	Bolt, Eye 5/16" - 18	1	
10	35603349	Holder, Door	1	
11	95935037	Washer, Flat 3/8"	2	
12	35273366	Nut, Locking M10 - 1.5	1	
13	46568879	Door, Control Panel	1	
14	46568880	Hinge, Control Panel Door	1	
15	46620443	Door, Front	1	
16	36849925	Holder, Door T-Latch (Two-Part Assembly)	1	
17	36793602	Latch, Door	1	
18	46557279	Hinge, Door	1	
19	36774495	Seal, Door	178"	
20	36895746	Nutsert, Hex M08 - 1.25	26	
21	36889608	Screw, Hex Flange M08 - 1.25 X 25	16	
22	36921344	Nutsert, Hex M06 - 1.0	5	
23	36797652	Screw, Tapping M06 - 1.0 X 12	9	
24	92368687	Screw, Tapping M06 - 1.0 X 14	7	
25	36794816	Rivet, 3/16" Dia. Black Stainless	4	
26	36843282	Rivet, 3/16" Dia.	8	

Enclosure - Curbside Panels



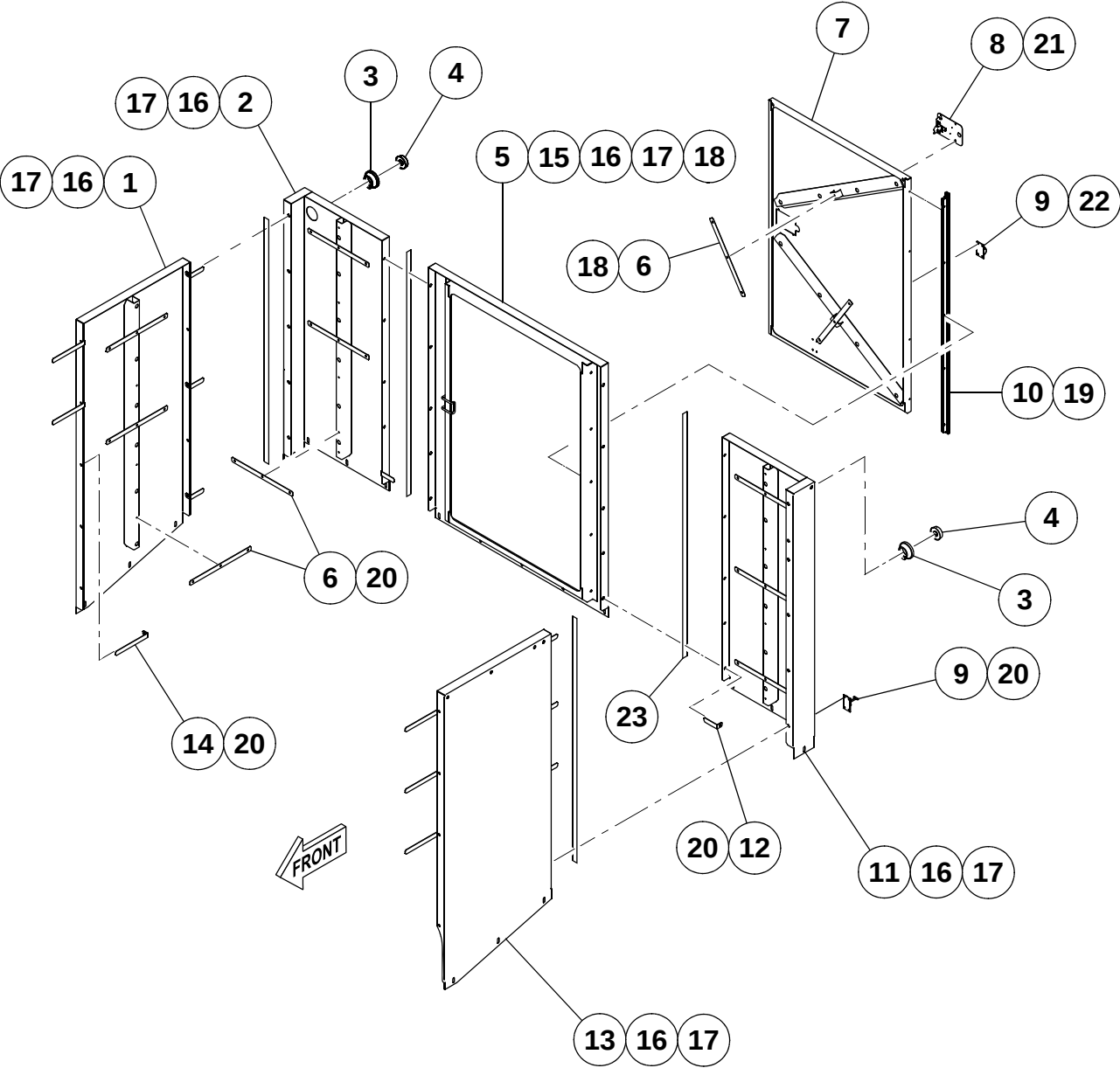
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36793602	Latch, Door	3	
2	46556379	Door, Side w/o Louvers	1	
3	46556374	Door, Side w/ Louvers	1	
4	36849925	Holder, Door T-Latch (Two-Part Assembly)	3	
5	46557279	Hinge, Door	2	
6	46559800	Door, Cooler Access	1	
7	46559799	Hinge, Cooler Access Door	1	
8	46556375	Frame, Door Cooler Access	1	
9	46556373	Frame, Door Side	1	
10	46556483	Frame, Door Forward Side	1	
11	46568319	Support, Drip Pan	1	
12	46556377	Panel, Intake Louvered	1	
13	36774495	Seal, Door	473"	
14	36895746	Nutsert, Hex M08 - 1.25	42	
15	36889608	Screw, Hex Flange M08 - 1.25 X 25	35	
16	36921344	Nutsert, Hex M06 - 1.0	15	
17	36797652	Screw, Tapping M06 - 1.0 X 12	30	
18	36794816	Rivet, 3/16" Dia. Black Stainless	12	
19	36843282	Rivet, 3/16" Dia.	24	
20	22564082	Trim, Edge Protection	40"	
21	35279025	Screw, Tapping M08 - 1.25 X 20	14	
22	22617666	Seal, Rubber Door 3 X 10 mm	350"	

Enclosure - Streetside Panels



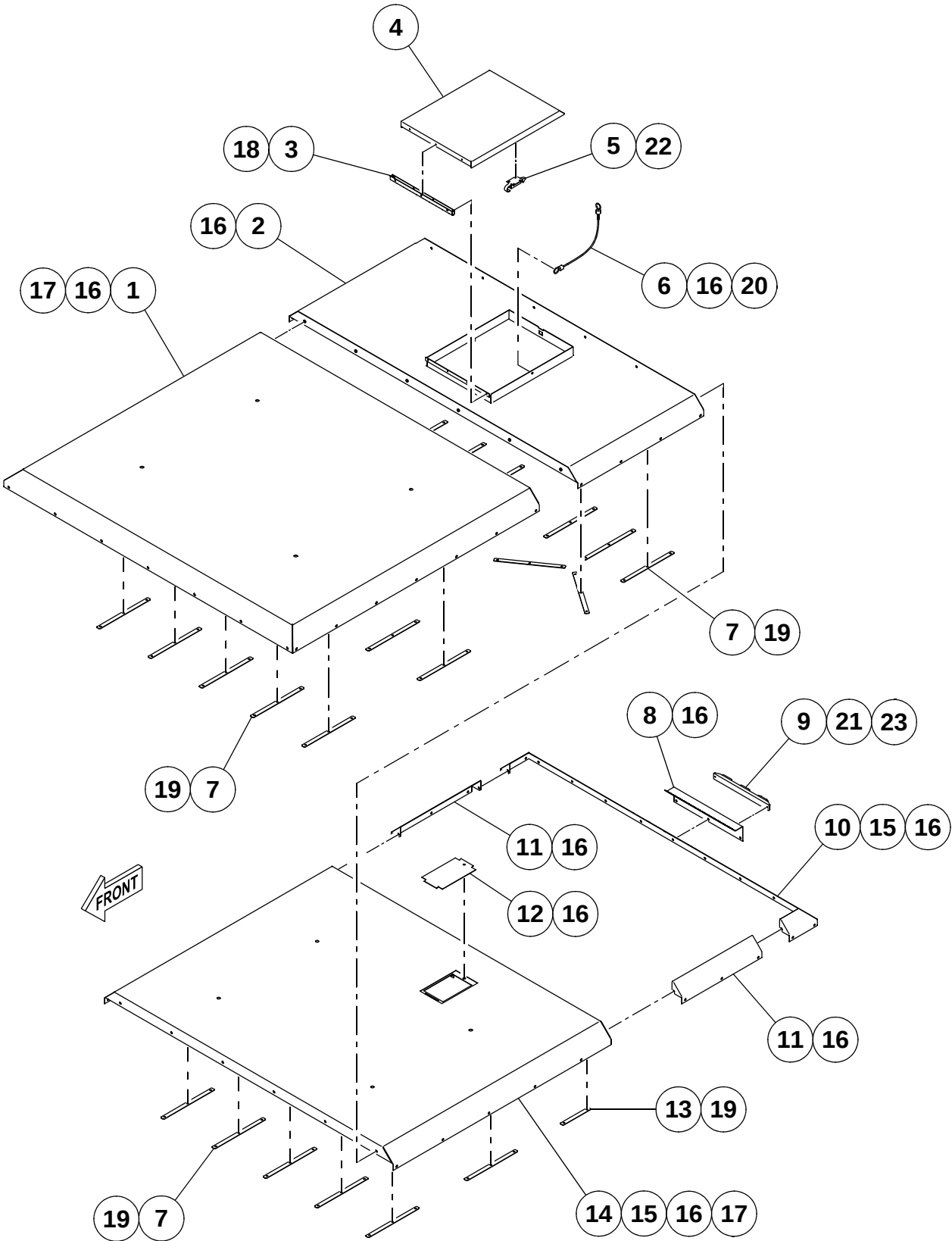
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46556482	Panel, Intake Louvered	1	
2	46556373	Frame, Side Door	1	
3	46556378	Frame, Side Door Rear	1	
4	46559739	Frame, Door Cooler Access	1	
5	36849925	Holder, Door T-Latch (Two-Part Assembly)	3	
6	46559799	Hinge, Door Cooler Access	1	
7	36793602	Latch, Door	3	
8	46559800	Door, Cooler Access	1	
9	46557279	Hinge, Door	2	
10	46556379	Door, Side w/o Louvers	1	
11	46569739	Door, Side w/ Louvers and Drip Box	1	
12	46570459	Support, Drip Pan	1	
13	36774495	Seal, Door	473"	
14	36895746	Nutsert, Hex M08 - 1.25	42	
15	36889608	Screw, Hex Flange M08 - 1.25 X 25	35	
16	36921344	Nutsert, Hex M06 - 1.0	15	
17	36797652	Screw, Tapping M06 - 1.0 X 12	30	
18	36794816	Rivet, 3/16" Dia. Black Stainless	12	
19	36843282	Rivet, 3/16" Dia.	24	
20	22564082	Trim, Edge Protection	40"	
21	35279025	Screw, Tapping M08 - 1.25 X 20	14	
22	22617666	Seal, Rubber Door 3 X 10 mm	350"	

Enclosure - Rear Panels



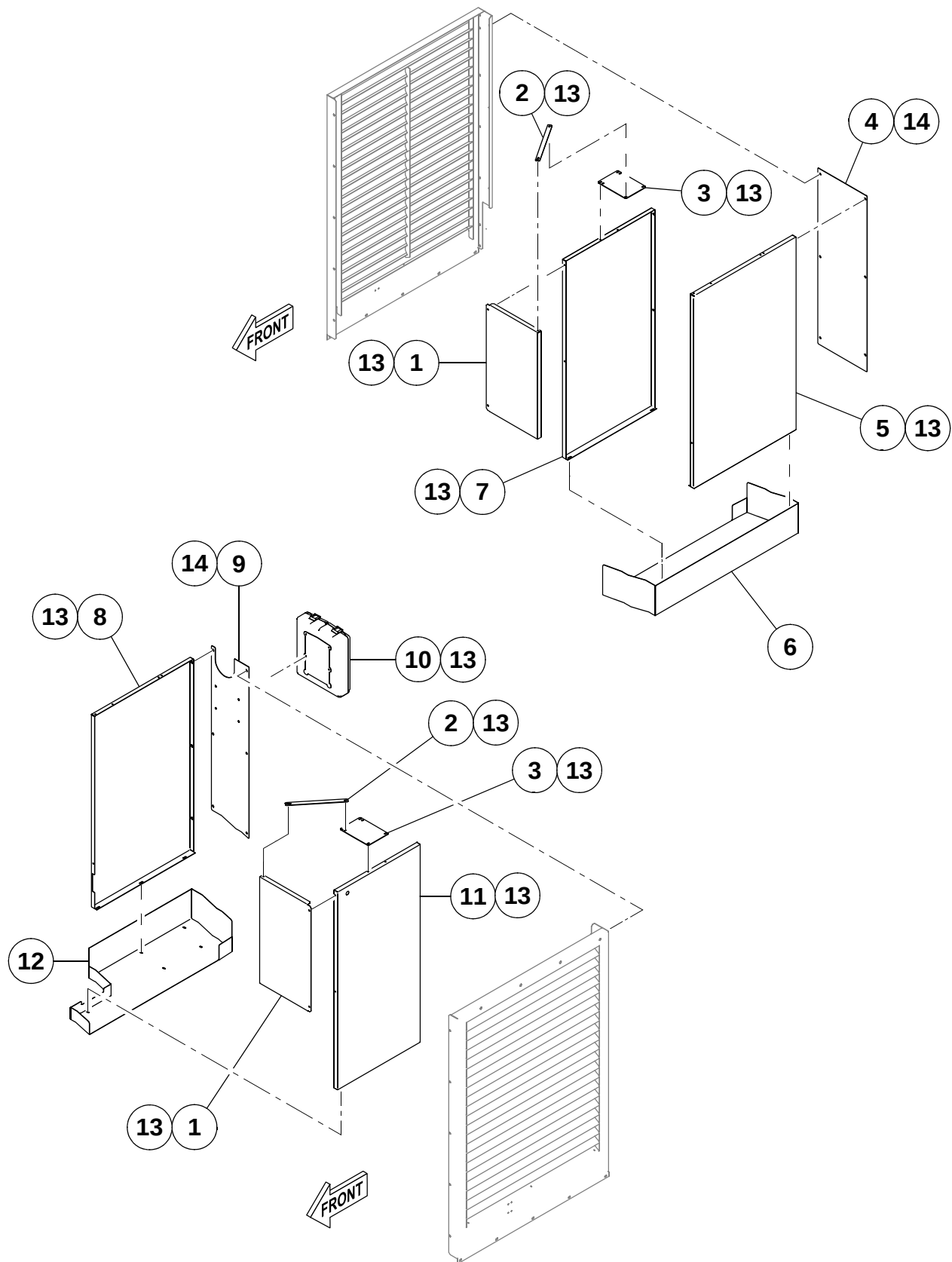
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46556398	Panel, Rear Curbside	1	
2	46556380	Panel, Corner Curbside	1	
3	36893634	Grommet, Clearance Lamp	2	
4	35367044	Lamp, Red Clearance	2	
5	46556388	Frame, Door Rear	1	
6	54718184	Strap, Foam Retention	14	
7	46556389	Door, Rear	1	
8	36793602	Latch, Door	1	
9	36849925	Holder, Door T-Latch (Two-Part Assembly)	1	
10	46556381	Hinge, Door	1	
11	46556382	Panel, Corner Streetside	1	
12	46595139	Strap, Foam Retention Short	6	
13	46556397	Panel, Rear Curbside	1	
14	46595520	Strap, Foam Retention Long	6	
15	36774495	Seal, Door	167"	
16	36895746	Nutsert, Hex M08 - 1.25	41	
17	36889608	Screw, Hex Flange M08 - 1.25 X 25	41	
18	36921344	Nutsert, Hex M06 - 1.0	5	
19	36797652	Screw, Tapping M06 - 1.0 X 12	9	
20	92368687	Screw, Tapping M06 - 1.0 X 14	14	
21	36794816	Rivet, 3/16" Dia. Black Stainless	4	
22	36843282	Rivet, 3/16" Dia.	8	
23	22617666	Seal, Rubber Door 3 X 10 mm	280"	

Enclosure - Roof Panels



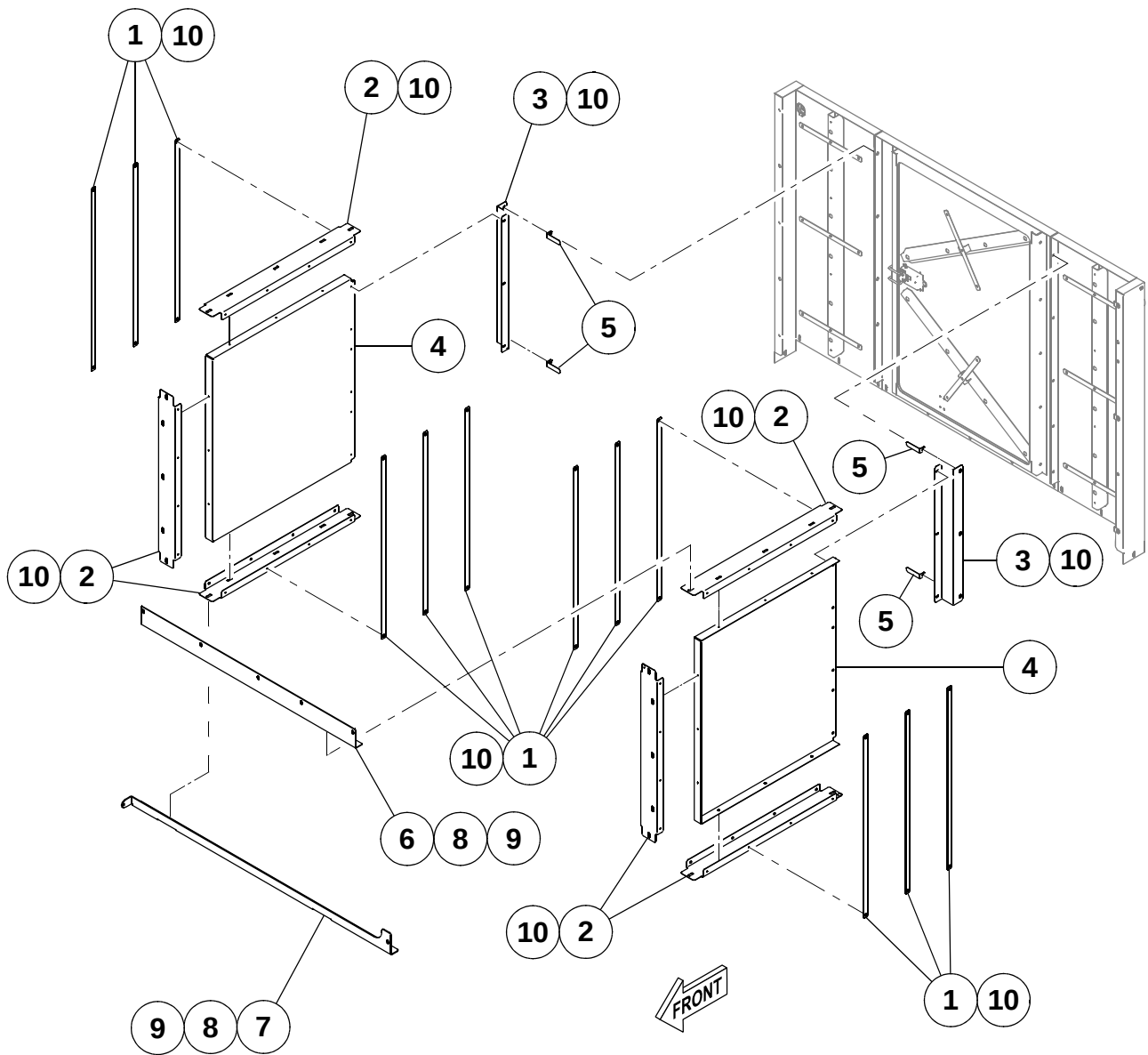
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46556391	Panel, Roof Front	1	
2	46556372	Panel, Roof Lifting Bail Access	1	
3	36864288	Hinge, Access Door	1	
4	46556392	Door, Lifting Bail Access	1	
5	35131051	Latch, Door	1	
6	36864304	Cable, Door Stop	1	
7	54718184	Strap, Foam Retention	30	
8	46556493	Bracket, Identification Light Mounting	1	
9	36922144	Light, 3-Light Identification	1	
10	46556385	Rail, Roof Rear	1	
11	46602399	Rail, Roof Side	2	
12	46602139	Door, Radiator Fill	1	
13	46602119	Panel, Rear Roof	1	
14	46602519	Strap, Roof Panel Extension	7	
15	36895746	Nutsert, Hex M08 - 1.25	6	
16	36889608	Screw, Hex Flange M08 - 1.25 X 25	76	
17	96747225	Screw, Hex Flange M12 - 1.75 X 70	8	
18	36797652	Screw, Tapping M06 - 1.0 X 12	7	
19	92368687	Screw, Tapping M06 - 1.0 X 14	30	
20	95934998	Washer, Flat 5/16"	2	
21	95922126	Screw, Round Head Slotted #10 - 24 X 5/8"	2	
22	36843282	Rivet, 3/16" Dia.	4	
23	35265388	Nut, Locking #10 - 24	2	

Enclosure - Interior Air Intake Baffles



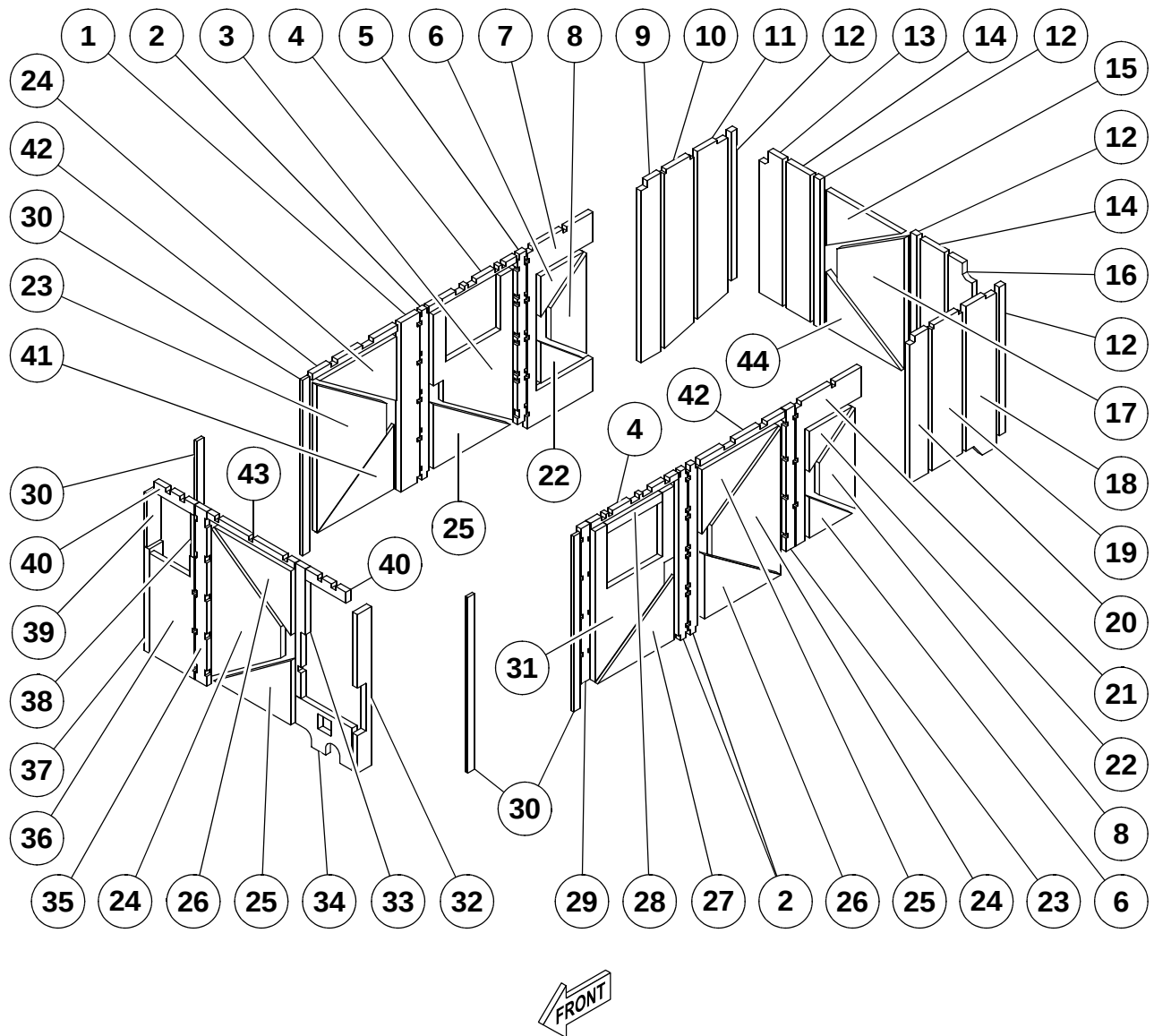
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46561059	Baffle, Inlet Front	2	
2	46561060	Support, Front Baffle Leg	2	
3	54641006	Support, Baffle	2	
4	46570200	Baffle, Drip Pan Access Curbside	1	
5	46570199	Baffle, Inner Inlet Curbside	1	
6	46570399	Pan, Drip Curbside	1	
7	46567879	Baffle, Outer Inlet Curbside	1	
8	46570201	Baffle, Inner Inlet Streetside	1	
9	46570202	Baffle, Drip Pan Access Streetside	1	
10	22916019	Pouch, Literature	1	
11	46570259	Baffle, Outer Inlet Streetside	1	
12	46570400	Pan, Drip Streetside	1	
13	92368687	Screw, Tapping M06 - 1.0 X 14	30	
14	36889608	Screw, Hex Flange M08 - 1.25 X 25	12	

Enclosure - Exhaust Plenum Vertical Baffles



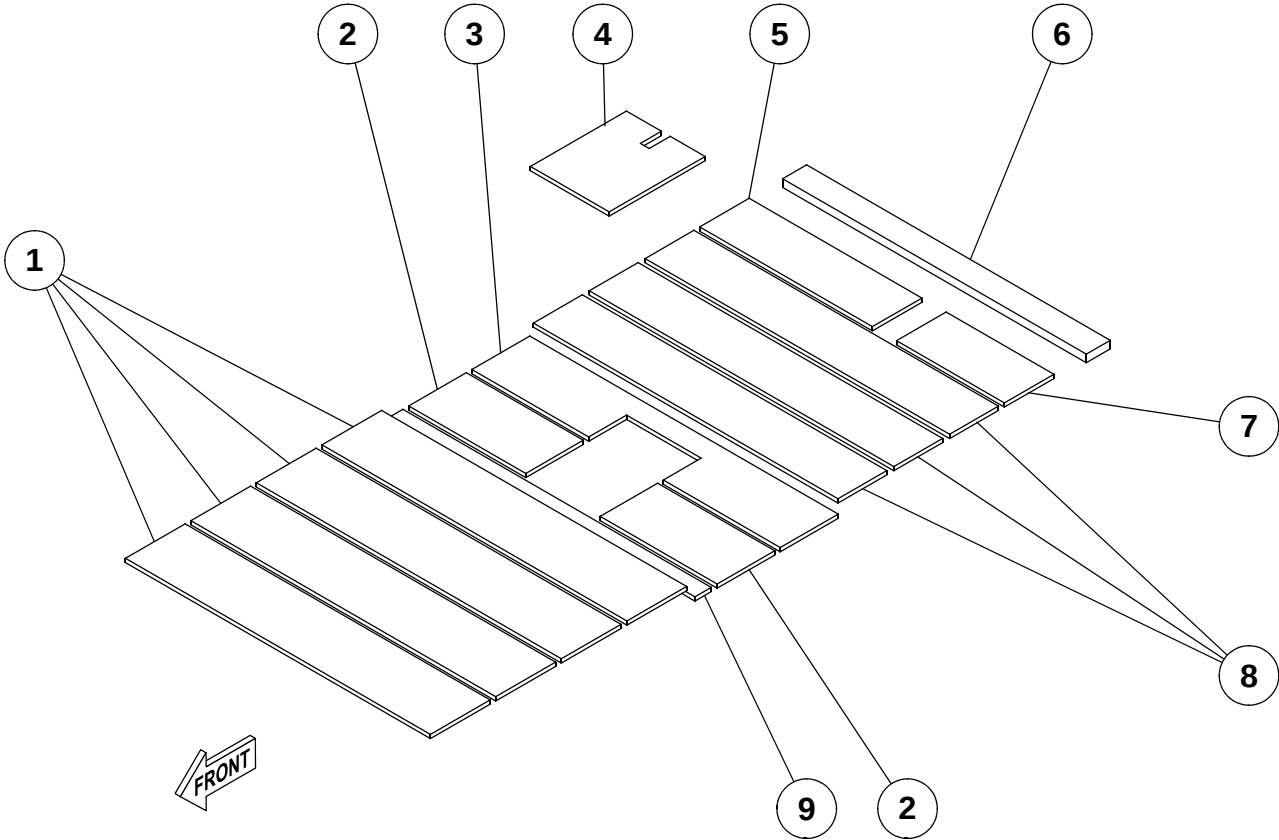
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46598639	Strap, Exhaust Plenum Baffle	12	
2	46597840	Channel, Exhaust Plenum Baffle	6	
3	46598479	Support, Vertical Exhaust Plenum Baffle	2	
4	46597839	Baffle, Exhaust Plenum	2	
5	46595139	Strap, Foam Retention Short	6	
6	46599039	Support, Exhaust Plenum Top	1	
7	46598619	Support, Exhaust Plenum Bottom	1	
8	36895746	Nutsert, Hex M08 - 1.25	4	
9	96727193	Screw, Hex Flange M08 - 1.25 X 20	11	
10	35279025	Screw, Tapping M08 - 1.25 X 20	54	

Acoustic Panels - Exterior Sides



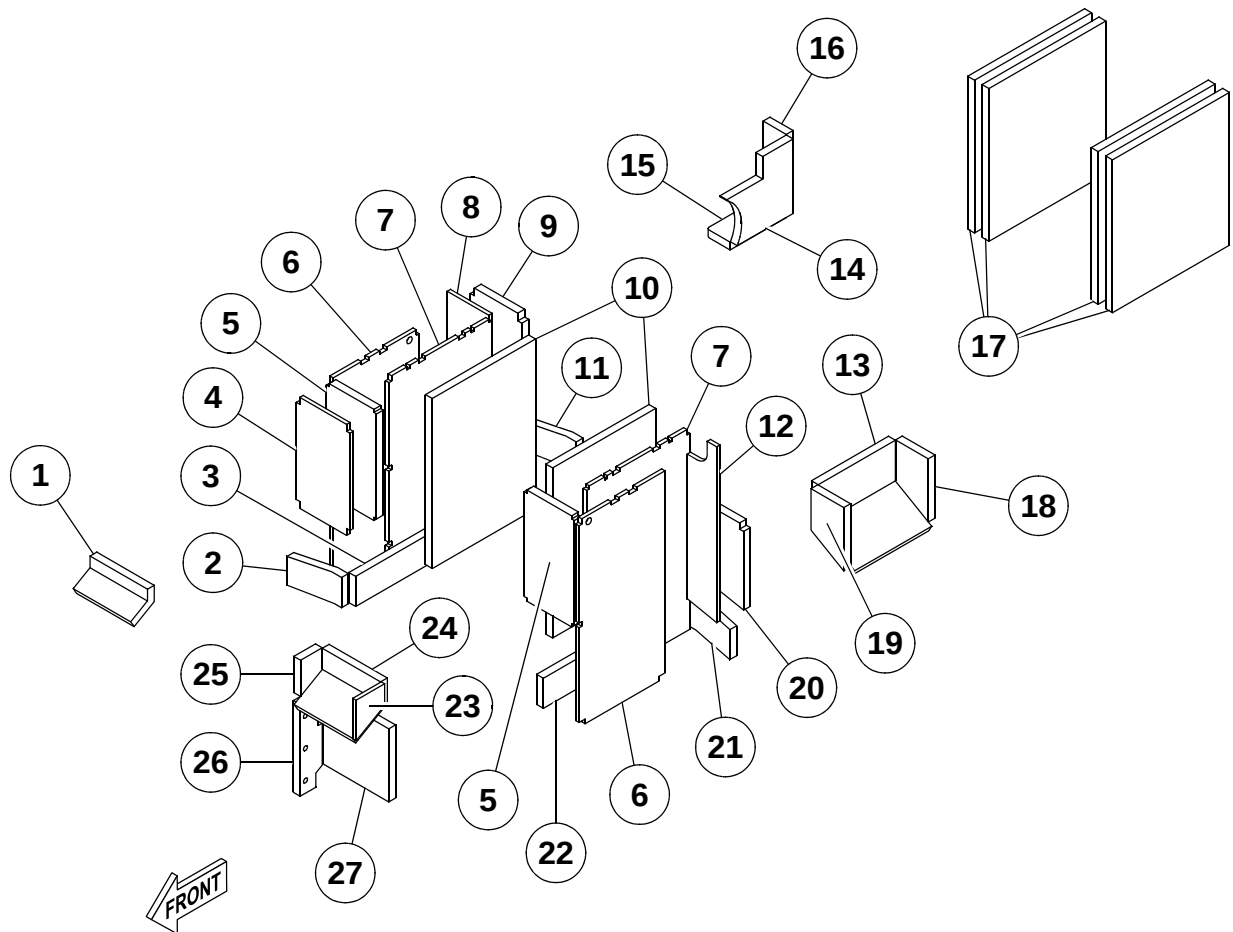
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46577205	Panel, Door Frame Side Acoustic CS	1	
2	46574427	Panel, Door Frame Side Acoustic	3	
3	46576482	Panel, Aft Door Middle Acoustic CS	1	
4	46574428	Panel, Door Frame Top Acoustic	2	
5	46577259	Panel, Door Frame Side Acoustic CS	1	
6	46574499	Panel, Cooler Access Door Top Acoustic	2	
7	46577260	Panel, Cooler Access Door Frame Acoustic CS	1	
8	46574500	Panel, Cooler Access Door Middle Acoustic	2	
9	46595019	Panel, Cooler Access Aft Acoustic CS	1	
10	46595020	Panel, Exhaust Plenum Fwd Acoustic CS	1	
11	46595021	Panel, Exhaust Plenum Aft Acoustic CS	1	
12	46595025	Panel, Vertical Filler Acoustic	4	
13	46595026	Panel, Rear Corner Outer Acoustic CS	1	
14	46594999	Panel, Rear Corner Inner Acoustic	2	
15	46595028	Panel, Rear Door Top Acoustic	1	
16	46595027	Panel, Rear Corner Outer Acoustic SS	1	
17	46595099	Panel, Rear Door Middle Acoustic	1	
18	46595023	Panel, Exhaust Plenum Aft Acoustic SS	1	
19	46595022	Panel, Exhaust Plenum Fwd Acoustic SS	1	
20	46595024	Panel, Cooler Access Panel Aft Acoustic SS	1	
21	46574419	Panel, Cooler Access Door Upper Acoustic SS	1	
22	46574501	Panel, Cooler Access Door Bottom Acoustic	2	
23	46574421	Panel, Aft Door Frame Aft Acoustic SS	1	
24	46574425	Panel, Door Middle Acoustic	3	
25	46574424	Panel, Door Upper Acoustic	4	
26	46574426	Panel, Door Lower Acoustic	2	
27	46574441	Panel, Louvered Door Lower Acoustic SS	1	
28	46574439	Panel, Louvered Door Top Acoustic SS	1	
29	46574443	Panel, Louvered Door Frame Side Acoustic SS	1	
30	46574449	Panel, Louvered Intake Side Acoustic	4	
31	46574440	Panel, Louvered Door Middle Acoustic SS	1	
32	46576480	Panel, Front Corner Outer Acoustic SS	1	
33	46576481	Panel, Front Corner Inner Acoustic SS	1	
34	46576479	Panel, Front Corner Lower Acoustic SS	1	
35	46576540	Panel, Front Door Frame Side Acoustic	1	
36	46576579	Panel, Front Corner Lower Acoustic CS	1	
37	46576543	Panel, Front Corner Outer Acoustic CS	1	
38	46576580	Panel, Front Corner Inner Acoustic CS	1	
39	46576542	Panel, Front Corner Outer Upper Acoustic CS	1	
40	46576459	Panel, Front Corner Top Acoustic	1	
41	46577261	Panel, Door Lower Acoustic CS	1	
42	46574422	Panel, Side Door Frame Top Acoustic CS	2	
43	46576541	Panel, Front Door Frame Top Acoustic	1	
44	46595100	Panel, Door Lower Acoustic	1	

Acoustic Panels - Exterior Top



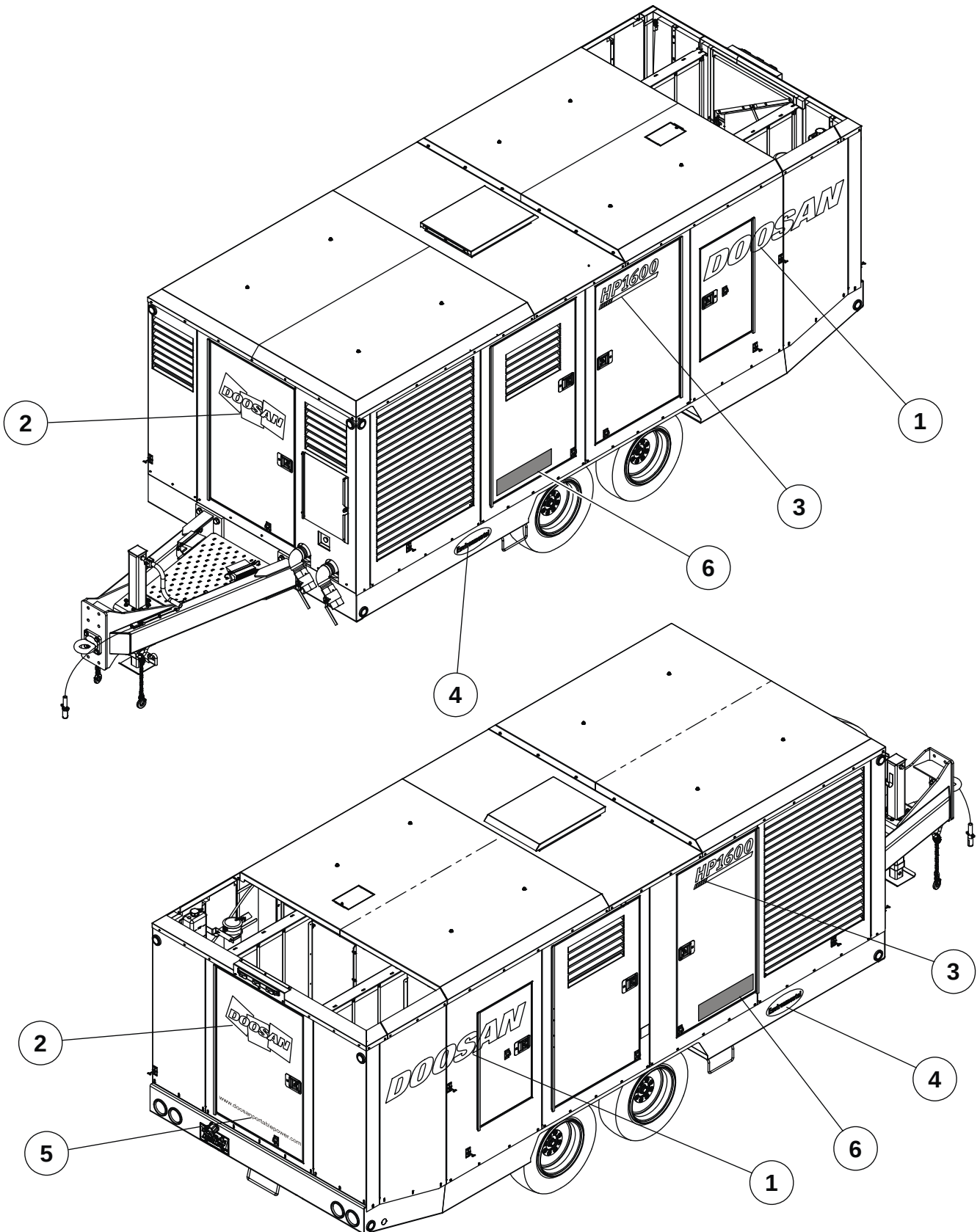
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46574105	Panel, Front Roof Acoustic	4	
2	46590459	Panel, Middle Mid Roof Acoustic	2	
3	46574103	Panel, Aft Mid Roof Acoustic	1	
4	46574119	Panel, Lifting Bail Access Door Acoustic	1	
5	46574102	Panel, Aft Rear Roof Acoustic CS	1	
6	46602539	Panel, Rear Roof Extension Acoustic	1	
7	46574101	Panel, Aft Rear Roof Acoustic SS	1	
8	46574100	Panel, Fwd Rear Roof Acoustic	3	
9	46574104	Panel, Fwd Mid Roof Acoustic	1	

Acoustic Panels - Interior



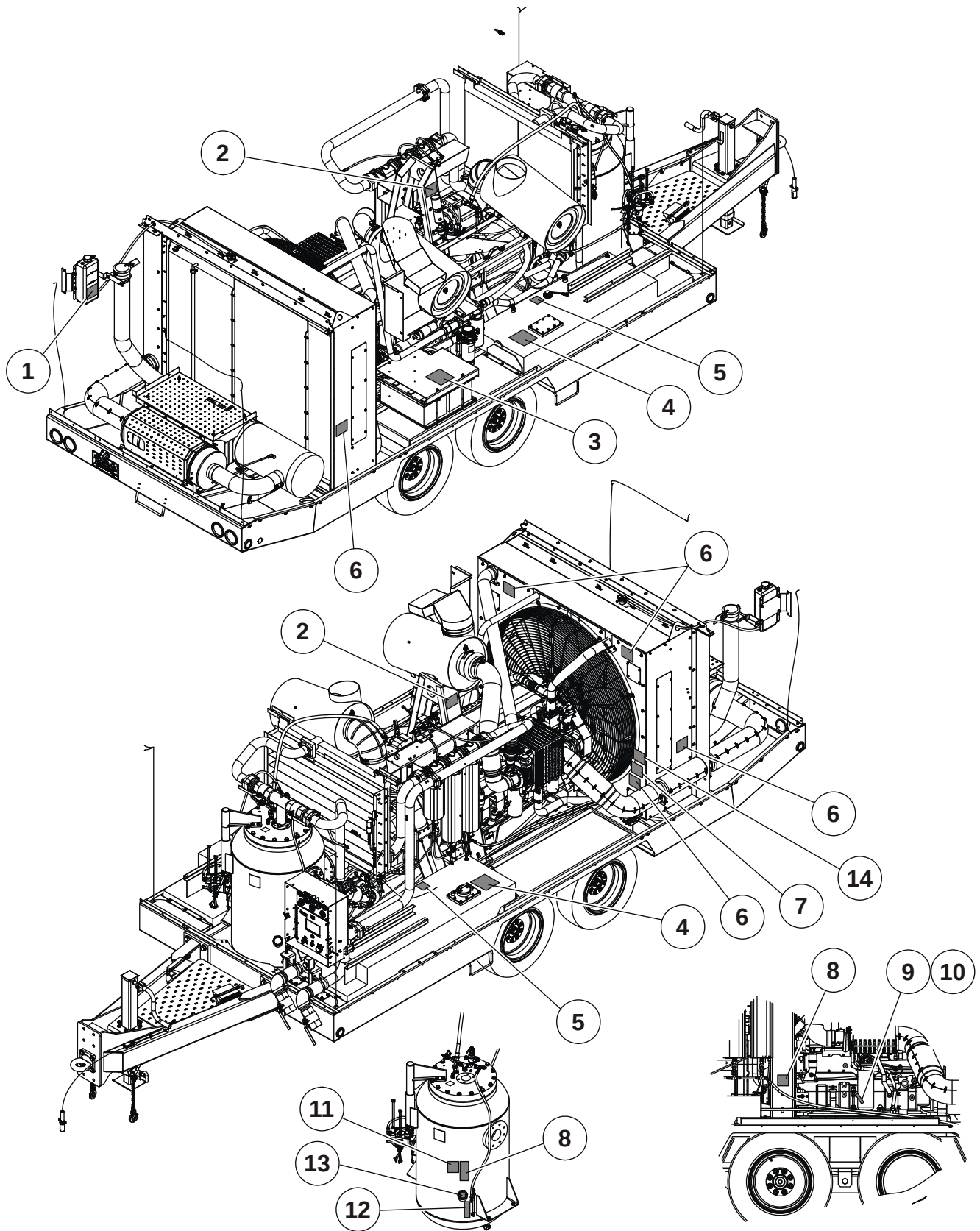
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46576582	Panel, Front Corner Louver Box Rear Acoustic CS	1	
2	46577264	Panel, Drip Pan Front Acoustic CS	1	
3	46577201	Panel, Drip Pan Inner Acoustic CS	1	
4	46577519	Panel, Front Inlet Baffle 1" Acoustic CS	1	
5	46577520	Panel, Front Inlet Baffle Acoustic	2	
6	46574483	Panel, Outer Inlet Baffle 1" Acoustic	2	
7	46574482	Panel, Inner Inlet Baffle 1" Acoustic	2	
8	46579440	Panel, Drip Pan Access 1" Acoustic CS	1	
9	46579439	Panel, Drip Pan Access Acoustic CS	1	
10	46574481	Panel, Inner Inlet Baffle Acoustic	2	
11	46577263	Panel, Drip Pan Rear Acoustic	1	
12	46574480	Panel, Drip Pan Access 1" Acoustic SS	1	
13	46574445	Panel, Louver Door Box Back Acoustic SS	1	
14	46589740	Panel, Engine Intake Baffle Side Acoustic CS	1	
15	46589742	Panel, Engine Intake Baffle Bottom Acoustic CS	1	
16	46589741	Panel, Engine Intake Baffle Rear Acoustic CS	1	
17	46597842	Panel, Exhaust Plenum Baffle Acoustic	4	
18	46574447	Panel, Louver Door Box Rear Acoustic SS	1	
19	46574448	Panel, Louver Door Box Front Acoustic SS	1	
20	46574479	Panel, Drip Pan Access Acoustic SS	1	
21	46574485	Panel, Drip Pan Rear Acoustic SS	1	
22	46574486	Panel, Drip Pan Side Acoustic SS	1	
23	46576463	Panel, Front Corner Louver Box Outer Acoustic SS	1	
24	46576461	Panel, Front Corner Louver Box Rear Acoustic SS	1	
25	46576460	Panel, Front Corner Louver Box Inner Acoustic SS	1	
26	46577522	Panel, Control Panel Side Acoustic SS	1	
27	46577521	Panel, Control Panel Rear Acoustic SS	1	

Decal Location - Branding



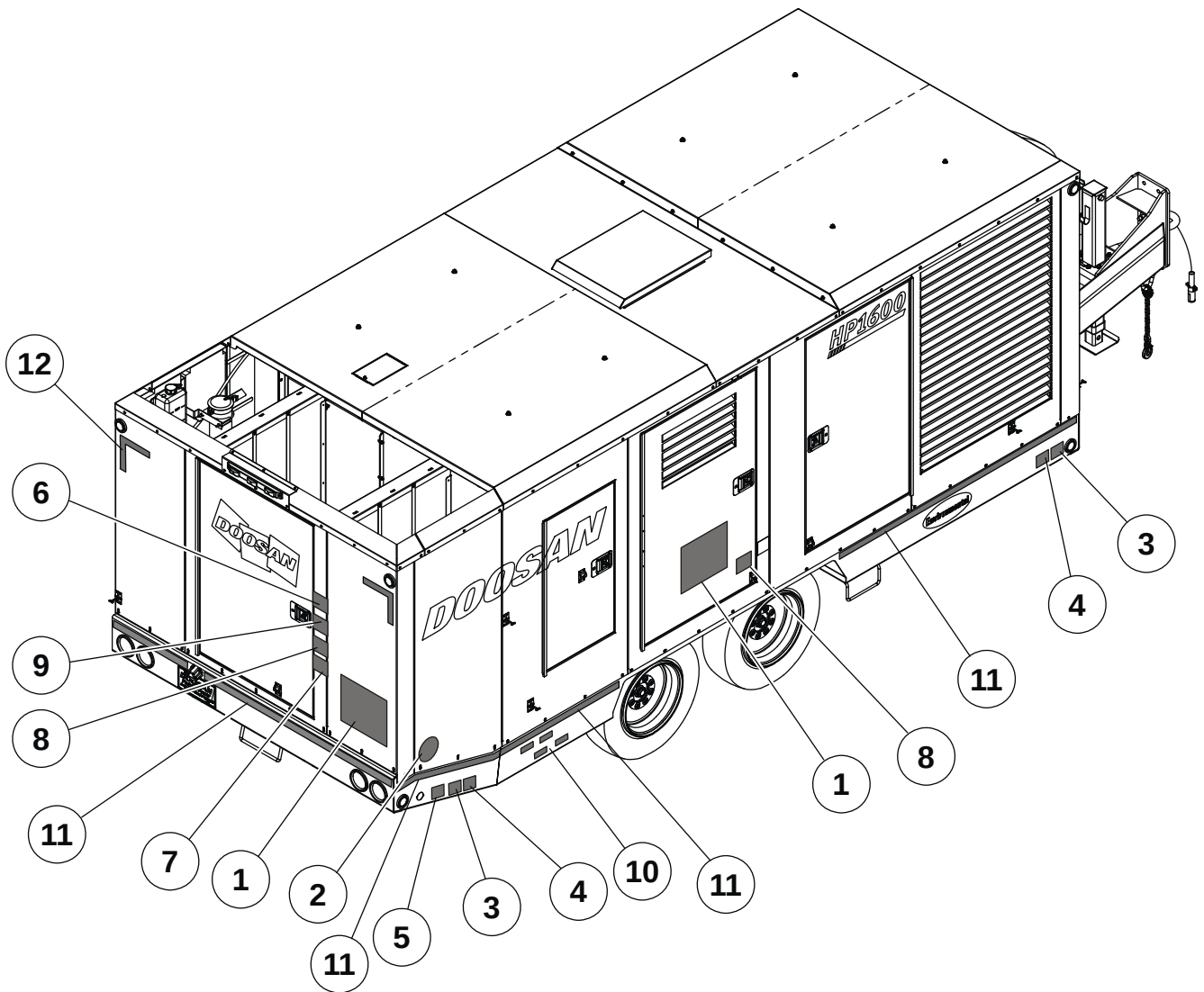
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46573925	Decal, 55" Doosan Logo	2	
2	46573862	Decal, 24" X 11" Doosan Tri-Colored Boxes	2	
3	46574082	Decal, HP1600 Gradient Model Number	2	
4	22711659	Decal, Environmental	2	
5	46554780	Decal, Doosan 33" Black Website	1	
6	54413117	Decal, Galvanneal	2	

Decal Location - Interior



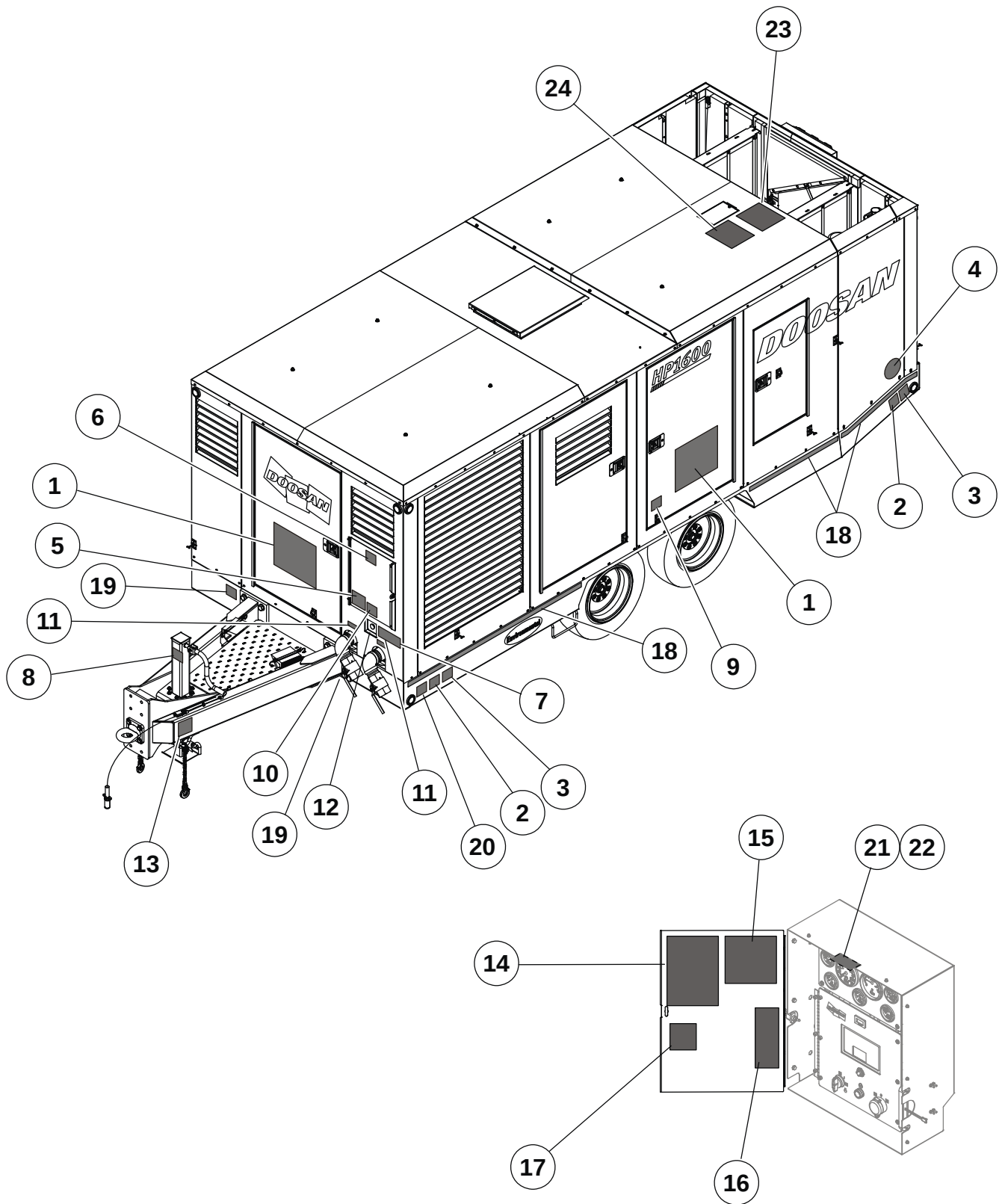
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22265565	Decal, Overflow Bottle	1	
2	54699400	Decal, Lift Point	2	
3	54568753	Decal, Battery Gas	1	
4	46556990	Decal, Ultra Low Sulfur Diesel Fuel	2	
5	46565099	Decal, Canadian Transport	2	
6	54568779	Decal, Rotating Fan	6	
7	46576740	Decal, Guards in Place	2	
8	46559970	Decal, T4 Engine & Compressor Oil	2	
9	46586599	Tag, Tier 4 Engine Oil	1	
10	35268788	Tie, Cable 3/16" X 6-1/2"	1	
11	54568795	Decal, High Pressure	1	
12	22383319	Decal, Oil Level	1	
13	54604970	Decal, Oil Fill	1	
14	22334916	Decal, Hot Surface	1	

Decal Location - Curbside



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36534642	Decal, IQ Logo	2	Option
2	46599799	Decal, T4i Emissions Compliant	1	
3	54749205	Decal, No Weld	2	
4	22164305	Decal, Containment	2	
5	54605027	Decal, Hazardous Voltage	1	Option
6	22334916	Decal, Hot Surface	1	
7	46559883	Decal, Exhaust Gas	1	
8	22298343	Decal, Fall Off Unit	1	
9	54604988	Decal, Door Under Pressure	1	Measured in Inches
10	46491635	Decal, Central Drain	1	
11	36893329	Tape, Conspicuity 2"	240	
12	36893337	Tape, Conspicuity White 2"	4	

Decal Location - Streetside



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36534642	Decal, IQ Logo	2	Option
2	54749205	Decal, No Weld	2	
3	22164305	Decal, Containment	2	
4	46599799	Decal, T4i Emissions Compliant	1	
5	36514602	Decal, Noise Emission	1	
6	36534675	Decal, IQ Valve Operation	1	Option
7	54629902	Decal, 3-Part Warning	1	
8	54568803	Decal, Collapsing Jack	1	
9	54604939	Decal, Fall Off Unit	2	
10	54605027	Decal, Hazardous Voltage	1	
11	54774591	Decal, IQ Air Valves	1	Option
12	46586563	Decal, Emergency Stop	1	
13	54604921	Decal, Tow Notice	2	
14	46614179	Decal, XHP1170 / HP1600WCU-T4i Oper. Instr.	1	
15	46559976	Decal, Symbols Translation	1	
16	46559970	Decal, T4 Engine & Compressor Oil	1	Measured in Inches
17	54568787	Decal, Improper Operation	1	
18	36893329	Tape, Conspicuity 2"	155	
19	46565099	Decal, Canadian Transport	2	
20	23241045	Decal, VIN	1	
21	46556466	Plate, Serial Number	1	
22	36794816	Rivet, 3/16" Dia. Black Stainless	2	
23	54604962	Decal, Hot Radiator Fill	1	
24	54568761	Decal, Hot Pressurized Fluid	1	



RECOMMENDED SERVICE PARTS

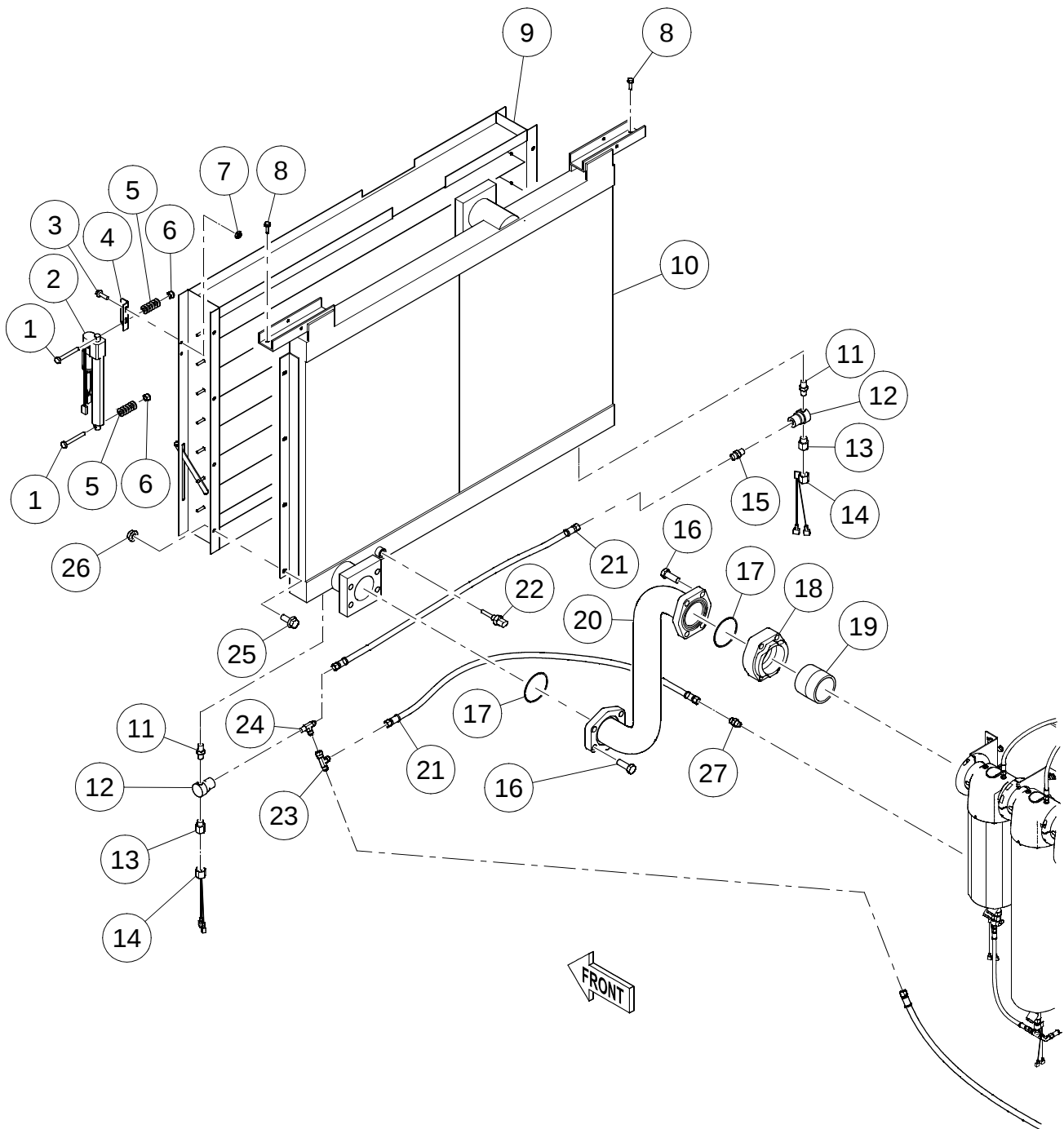
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
	36754059	Gasket, Unloader		Airend
	35594845	Gasket, Unloader		Airend
	35594878	Spring, Piston		Airend
	35332634	Bushing, Housing		Airend
	35332659	Bushing, Unloader		Airend
	35328210	Valve, Unloader		Airend
	35332642	Seal, Unloader		Airend
	35584556	Mount, Center Bond		Airend
	35596626	Seal, Airend		Airend
	95358214	O-Ring, Front Seal Cover		Airend
	46546453	Hose, Airend Discharge		Airend
	36856656	Gasket, Ring (Separator Tank)		Airend
	36762961	Gasket, Ring (Airend)		Airend
	46578019	Element, Drive Coupling		Airend
	46554947	Bushing, Drive Coupling		Airend
	36897346	Element, Airend Oil Filter		Airend
	36864361	Element, Primary		Air Intake
	36864379	Element, Safety		Air Intake
	36867778	Valve, Evacuator		Air Intake
	54422522	Connector, 4" Ribbed		Air Piping
	54444427	Clamp, Spring Loaded T-Bolt 4" - 4-5/16" ID		Air Piping
	22969208	Clamp, Spring Loaded T-Bolt 2-9/16" - 3-1/2" ID		Air Piping
	22058564	Hose, Straight Bellows 4" - 3"		Air Piping
	35335017	Valve, Blowdown		Air Piping
	36840460	Valve, Check Orifice 0.040" Dia.		Air Piping
	36840841	Valve, Solenoid 24V 3/8" NPT		Air Piping
	46553075	Valve, Solenoid 1/4" NPT X 24 VDC		Air Piping
	36920825	Transducer, Pressure 0 - 100 PSI		Air Piping
	36896892	Regulator, Pressure 200 PSI		Air Piping
	46576919	Compressor, 24 VDC		Air Piping
	46558799	Gauge, Pressure 0 - 250 PSI		Air Piping
	22078190	Cap, Radiator		Cooling
	22769186	Sensor, Coolant Level		Cooling
	23281017	Switch Assembly, E-Stop		Electrical
	46551938	Controller, Titan		Electrical
	46594821	Viewport		Electrical
	46557109	Gauge, Hourmeter		Electrical
	46556142	Switch, Regeneration Control		Electrical
	46559025	Switch, Main Control		Electrical
	46559026	Button, Service Air		Electrical
	46558806	Gauge, Airend Discharge Temperature		Electrical
	46558805	Gauge, Voltmeter		Electrical
	46565479	Gauge, Fuel Level		Electrical
	46558802	Gauge, Tachometer		Electrical
	46558804	Gauge, Engine Coolant Temperature		Electrical
	46558803	Gauge, Engine Oil Pressure		Electrical

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
	54662051	Conditioner, Coolant Filter		Engine
	46615381	Belt, Engine Fan		Engine
	46615382	Belt, Alternator		Engine
	46615380	Kit, Ether QSX15		Engine
	46610619	Element, Crankcase Breather Filter		Engine
	35112911	Cylinder, Ether		Engine
	46618460	Filter, Fuel 3 Micron		Engine
	54662028	Filter, Engine Oil		Engine
	35584556	Mount, Center Bond		Engine
	46594960	Element, Fuel Tank Vent Filter		Fuel
	46578120	Element, Fuel Filter 7 Micron		Fuel
	46610819	Bowl, Fuel / Water Separator		Fuel
	46609799	Sensor, Water in Fuel		Fuel
	22402317	Element, Separator		Oil Piping
	22711766	Kit, By-Pass Elements Vented Element		Oil Piping
	23178965	Element, Primary Filter		IQ Option
	23178957	Element, Secondary Filter		IQ Option
	46615579	Kit, 500 HR Maintenance		
	46615779	Kit, 1000 HR Maintenance		
	46615599	Kit, 2000 HR Maintenance		



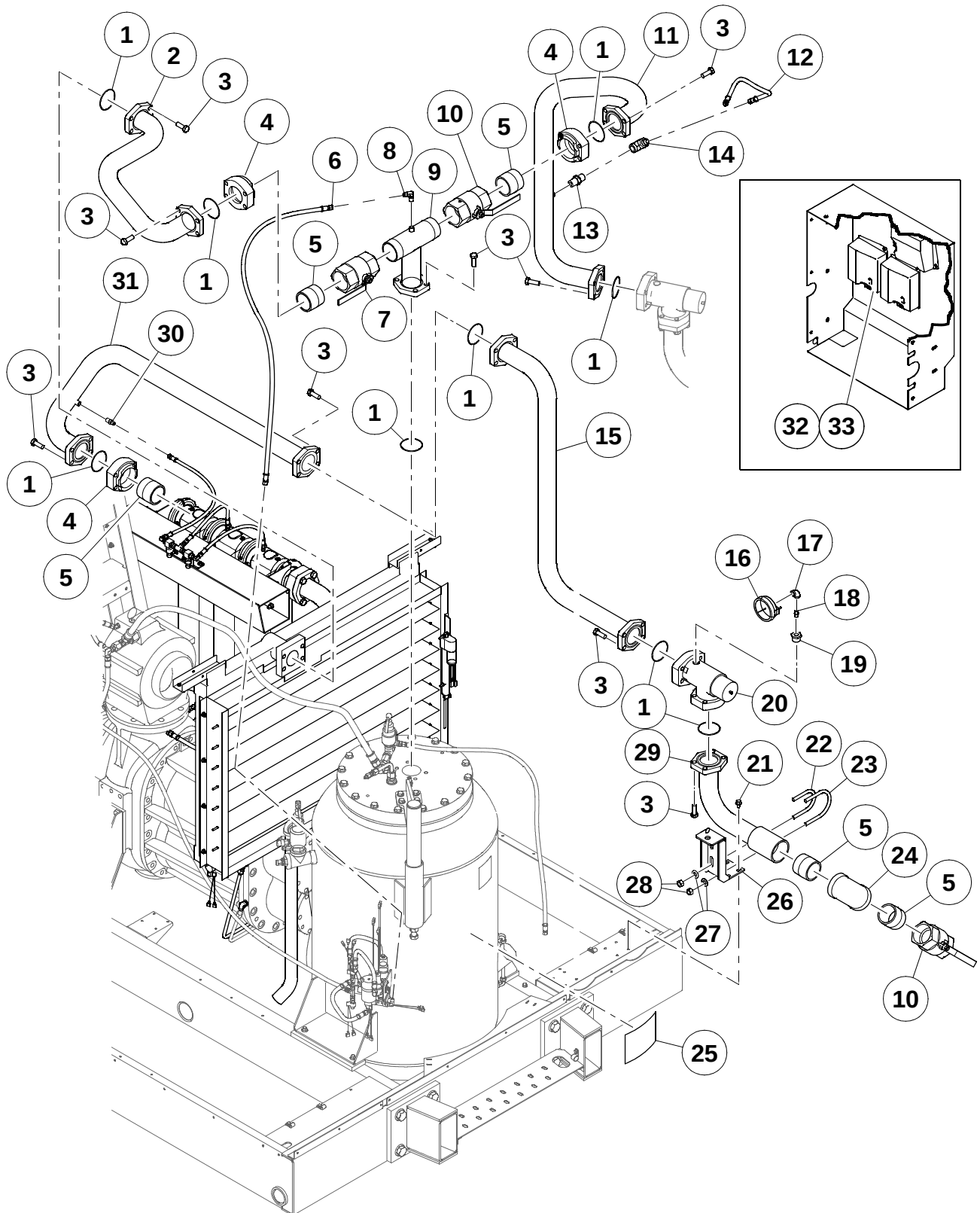
OPTION PARTS

Aftercooler and IQ Outlet with Louver Shutter



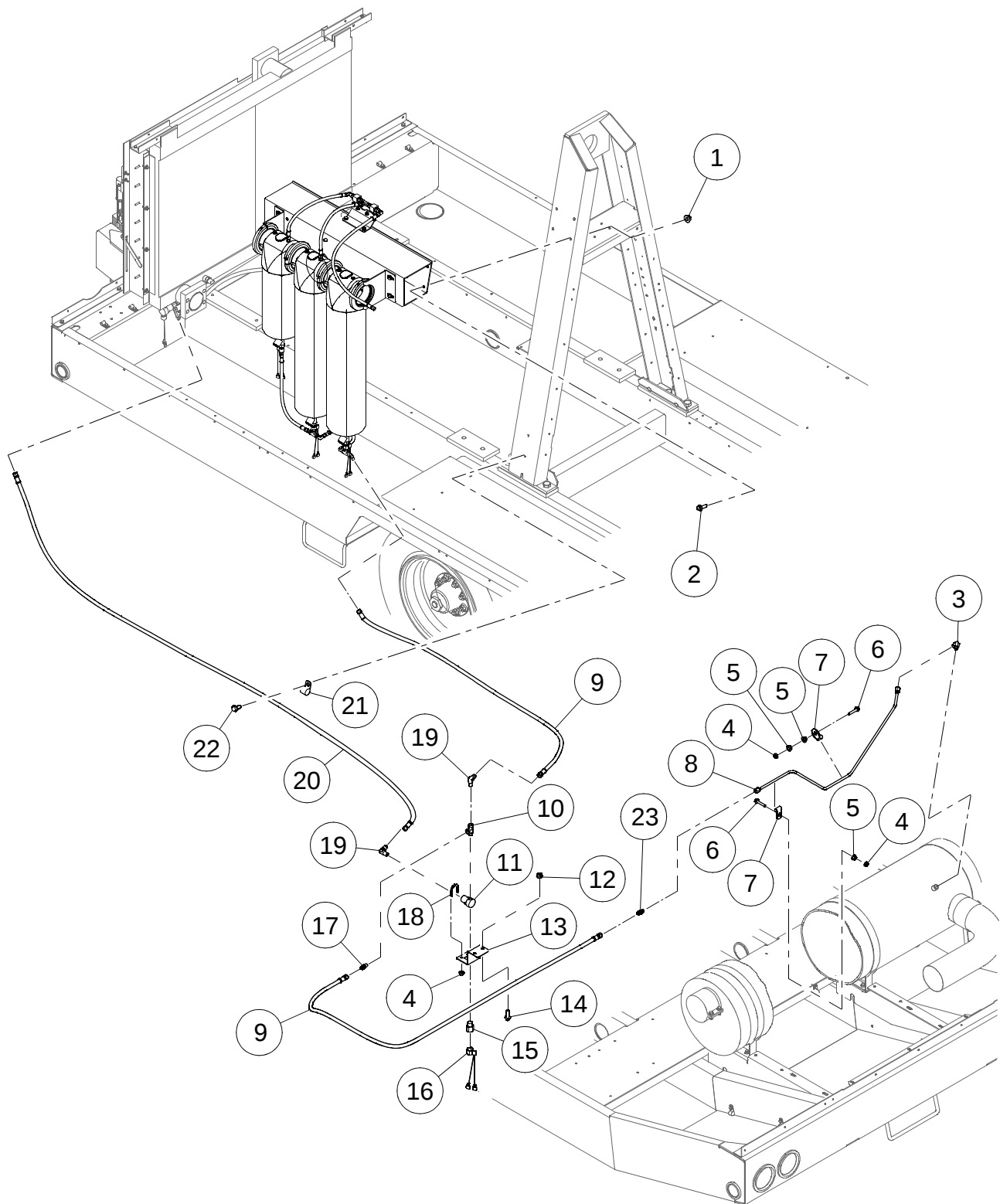
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	95934568	Screw, Hex 1/4" - 20 X 2"	2	
2	36898310	Actuator, Linear	1	
3	36898096	Screw, Hex Flange M06 - 1.0 X 20	2	
4	36898864	Bracket, Louver Actuator	1	
5	95935029	Washer, Flat 1/4" ID	10	
6	95923298	Nut, Locking 1/4" - 20	2	
7	36898104	Nut, Hex Flange M06 - 1.0	2	
8	35300771	Screw, Tapping M06 - 1.0 X 20	4	
9	54700943	Louver, Aftercooler	1	
10	46560839	Aftercooler, High Pressure	1	
11	46547816	Nipple, Hex 1/4" NPT	2	
12	35322379	Valve, Blowdown	2	
13	35248319	Fitting, Orifice 0.094"	2	
14	36841526	Heater, 3/4" Hex 24 VDC	2	
15	46547956	Connector, 1/4" NPT X 3/8" Tube	1	
16	95929089	Screw, Hex 5/8" - 11 X 1-3/4"	8	
17	95358040	O-Ring, 3.38" ID X 0.125" Cross Section	2	
18	36893220	Adapter, 3" NPT X Flat-Face Flange	1	
19	95940946	Nipple, Pipe 3" NPT X 3"	1	
20	46561719	Tube, Aftercooler Outlet	1	
21	46607399	Hose, -6 JIC X 39"	2	
22	23294820	Sensor, Temperature 3/8" NPT	1	
23	46607825	Tee, Swivel Run -6 JIC	1	
24	46607824	Tee, Run 1/4" NPT X -6 JIC	1	
25	35144336	Screw, Hex Flange 5/16 - 18 X 3/4"	8	
26	35252600	Nut, Locking 5/16" - 18	8	
27	95365078	Connector, -6 JIC X 9/16" - 18	1	

IQ Service Air Piping



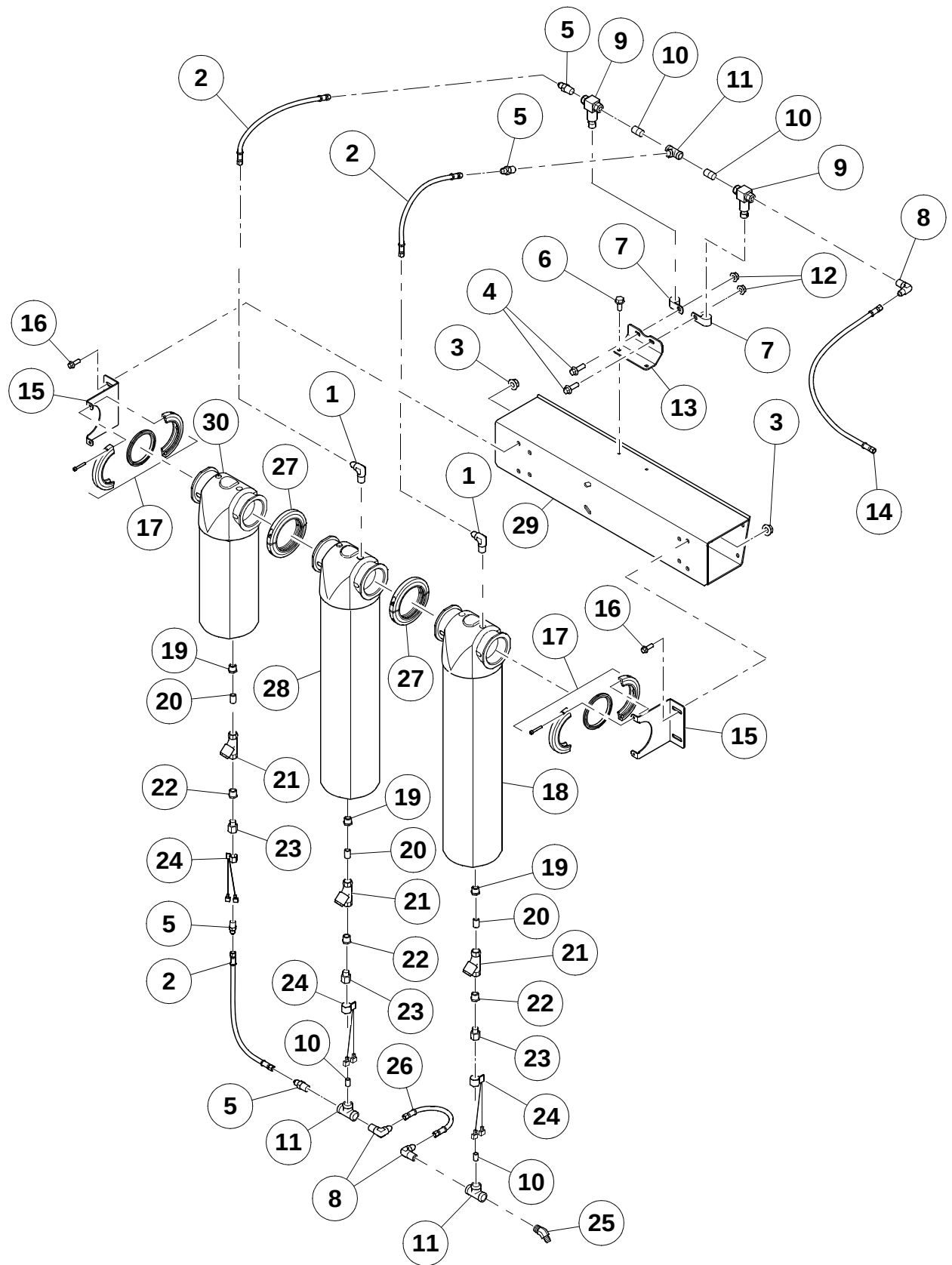
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	95358040	O-Ring, 3.38" ID X 0.125" Cross Section	9	
2	46561039	Tube, Aftercooler Inlet	1	
3	95929089	Screw, Hex 5/8" - 11 X 1-3/4"	40	
4	36893220	Adapter, 3" NPT X Flat-Face Flange	3	
5	95940946	Nipple, Pipe 3" NPT X 3"	5	
6	46609899	Hose, -6 JIC X 62"	1	
7	36922995	Valve, 3" Ball	1	
8	46547881	Elbow, 90° 1/4" NPT X 3/8" Tube	1	
9	46557999	Tee, Service Air 3"	1	
10	36755718	Valve, 3" Ball	2	
11	22104558	Tube, IQ Air By-Pass	1	
12	35311471	Hose, -6 JIC X 30"	1	
13	35248145	Valve, Hex 1/4" NPTF Check	1	
14	35280098	Elbow, 90° 1/4" FNPT X -6 JIC	1	
15	46557144	Tube, IQ Filter Tube to Min. Pressure Valve	1	
16	36840767	Gauge, Pressure 0 - 200 PSI	1	
17	95954095	Elbow, 90° 1/4" NPT	1	
18	95944567	Nipple, Short 1/4" NPT X 1-1/2"	1	
19	95944633	Bushing, Reducer 3/4" NPT X 1/4" NPT	1	
20	54642152	Valve, Check 3" Minimum Pressure	1	
21	35130293	Screw, Tapping 3/8" - 16 X 3/4"	4	
22	35586288	U-Bolt, 1/2" - 13 X 3"	2	
23	36799419	U-Bolt, 1/2" - 13 X 4-5/8"	1	
24	95941027	Elbow, 90° 3" NPT	1	
25	35324839	Valve, Ball 1/4" NPT	1	
26	54668314	Bracket, Service Pipe Mounting	1	
27	95935003	Washer, Flat 1/2" ID	4	
28	95922902	Nut, Hex 1/2" - 13	4	
29	46561941	Tube, Service Air	1	
30	35283472	Connector, 1/4" NPT X -4 JIC	1	
31	46556499	Tube, IQ Filter	1	
32	46569499	Controller, IQ TCU	1	
33	92368687	Screw, Tapping M06 X 1.0 X 14	4	
	46574452	Harness, IQ Option	1	Not Shown

IQ Filter Piping



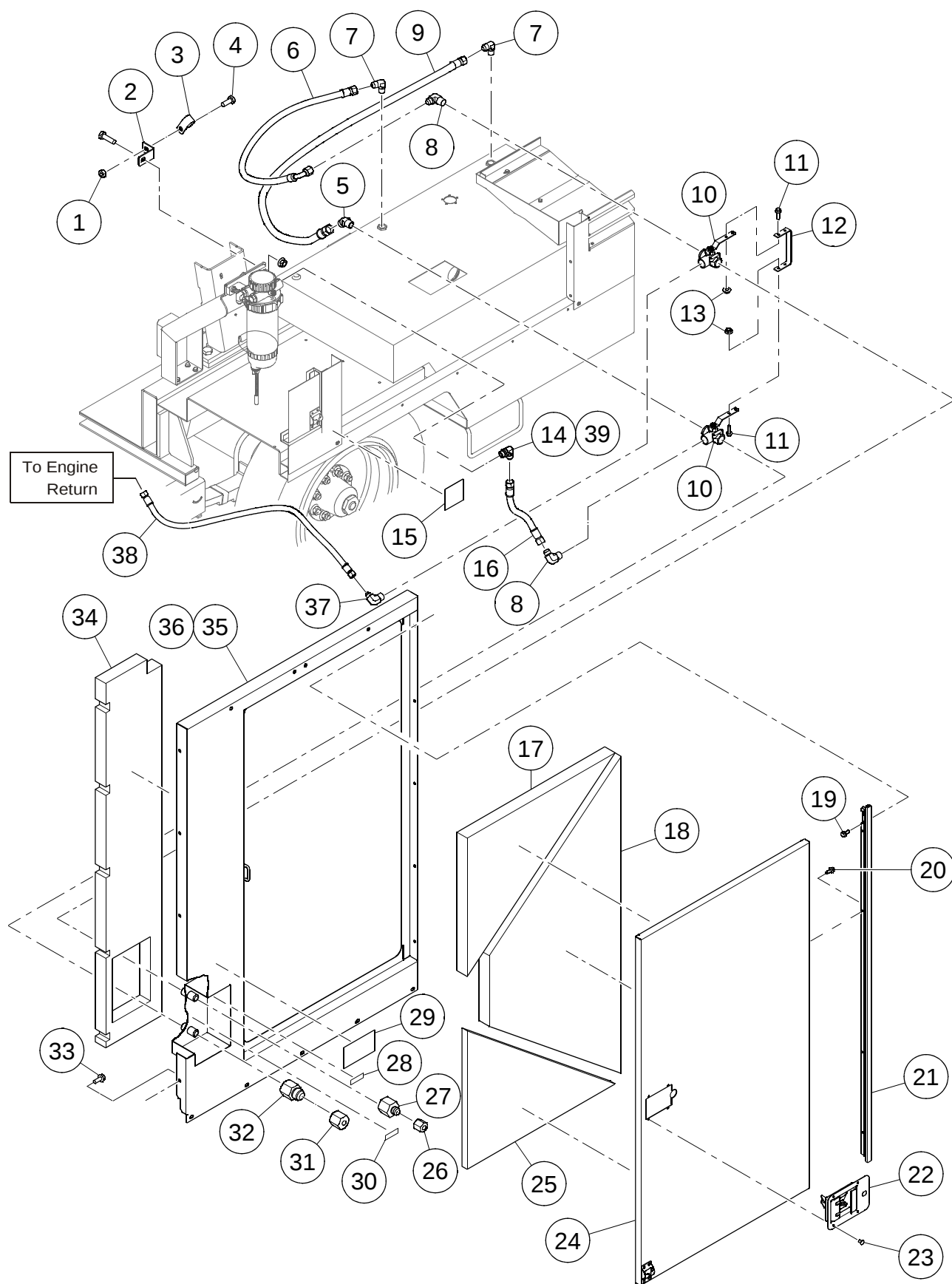
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36879195	Nut, Hex Flange M10 - 1.5	4	
2	36880995	Screw, Hex Flange M10 - 1.5 X 30	4	
3	95336319	Elbow, 90° 3/8" NPT X -6 JIC	1	
4	35144492	Nut, Locking 1/4" - 20	4	
5	35252600	Nut, Locking 5/16" - 18	3	
6	35145242	Screw, Hex Flange 1/4" - 20 X 1-1/4"	2	
7	35253038	Clamp, Support 3/8"	2	
8	46615999	Tube, IQ Drain Valve -6 JIC	1	
9	46606721	Hose, -6 JIC X 88"	2	
10	46547840	Tee, Male 1/4" FNPT	1	
11	35322379	Valve, Blowdown	1	
12	36881886	Nut, Hex Flange M08 - 1.25	2	
13	46604280SA	Bracket, Blowdown Valve Mounting	1	
14	36889608	Screw, Hex Flange M08 - 1.25 X 25	2	
15	35248319	Fitting, Orifice 0.094"	1	
16	36841526	Heater, 3/4" Hex 24 VDC	1	
17	46547956	Connector, 1/4" NPT X 3/8" Tube	1	
18	35166404	U-Bolt, 1/4" - 20 X 1-1/4" ID	1	
19	46547881	Elbow, 90° 1/4" NPT X 3/8" Tube	2	
20	46606720	Hose, -6 JIC X 130"	1	
21	35225077	Clamp, Support 3/8" Rubber Coated	1	
22	35279025	Screw, Tapping M08 - 1.25 X 20	1	
23	46553951	Connector, -6 JIC	1	

IQ Filter Mount



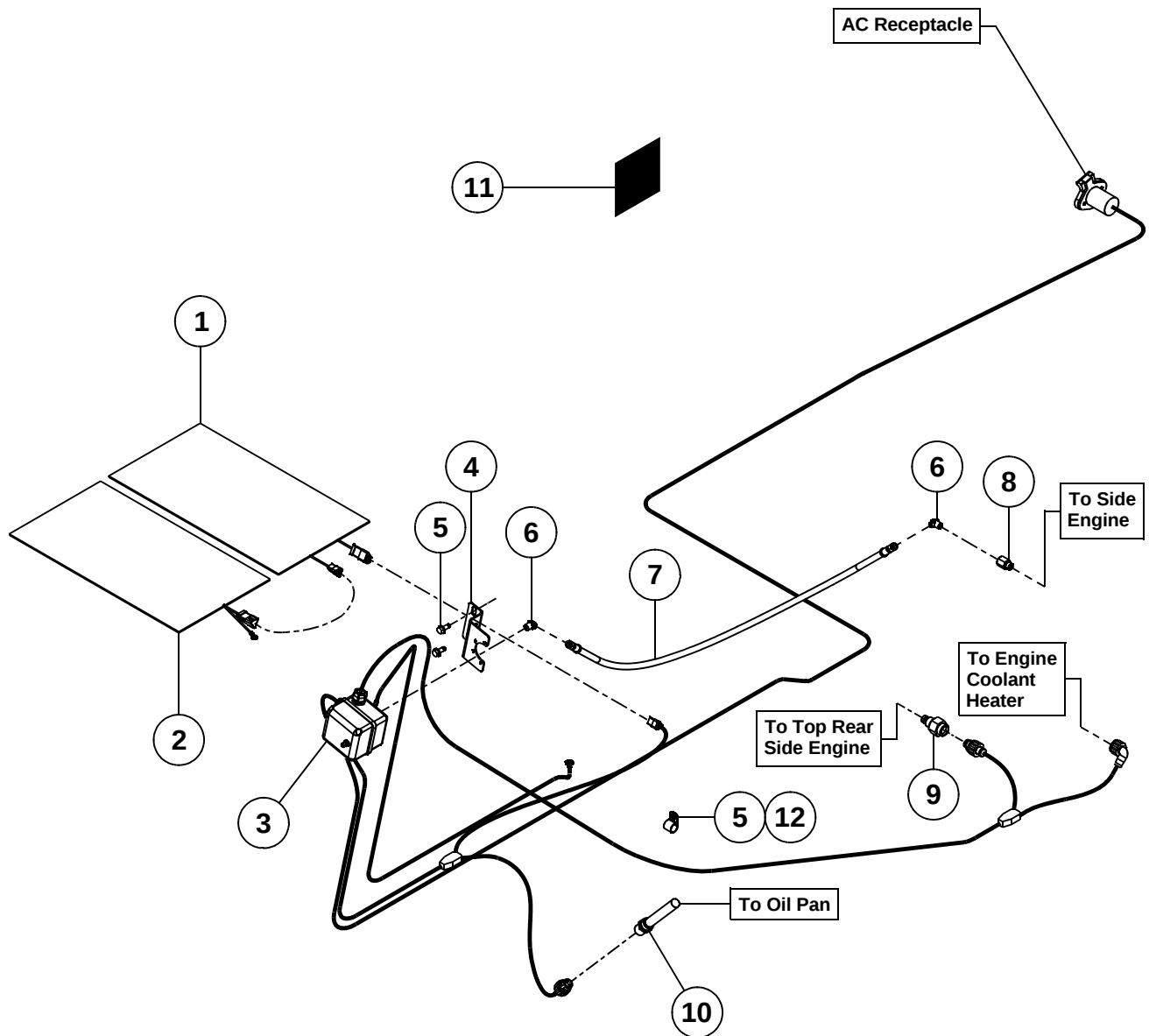
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	95032074	Elbow, 90° 1/8" NPT X -4 JIC	2	
2	46595721	Hose, -4 JIC X 19"	3	
3	36879195	Nut, Hex Flange M10 - 1.5	8	
4	36889608	Screw, Hex Flange M08 - 1.25 X 25	2	
5	35283472	Connector, 1/4" NPT -4 JIC	4	
6	35279025	Screw, Tapping M08 - 1.25 X 20	2	
7	35291285	Clamp, Hose 13/16"	2	
8	46547980	Elbow, 90° 1/4" NPT X 1/4" Tube	3	
9	46599239	Transducer, Pressure, Differential 300 PSID	2	
10	95452025	Nipple, Short 1/4" NPT X 7/8"	4	
11	36882223	Tee, Pipe 1/4" NPT	3	
12	36881886	Nut, Hex Flange M08 - 1.25	2	
13	46603159SB	Bracket, Pressure Transducer Mounting	1	
14	46607419	Hose, -4 JIC X 34"	1	
15	46603699SB	Bracket, HP IQ Filter Mounting	2	
16	36880995	Screw, Hex Flange M10 - 1.5 X 30	4	
17	23187339	Clamp, #5 Spacer	2	
18	23178940	Filter, Secondary	1	
19	95245353	Bushing, Reducer 1/2" NPT X 3/8"	3	
20	95772562	Nipple, 3/8" NPT X 1"	3	
21	36844579	Y-Strainer, 3/8" NPT	3	
22	46547915	Bushing, Reducer Brass 3/8" NPT X 1/4FNPT	3	
23	37081528	Fitting, Orifice 0.063"	3	
24	36841526	Heater, 3/4" Hex 24VDC	3	
25	46548020	Elbow, 45° 1/4" NPTF X 3/8" Tube	1	
26	46595720	Hose, -4 JIC X 14"	1	
27	23181597	Clamp, #5 w/ O-Ring	2	
28	23178932	Filter, Primary	1	
29	46585559SB	Bracket, IQ Filter Mounting	1	
30	23178924	Separator, Moisture	1	

Remote Fuel Piping w/ 3-Way Valve



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	96735543	Nut, Hex M08 - 1.25	1	
2	35127224	Bracket, Support	1	
3	35291285	Clamp, Hose 13/16"	1	
4	96702055	Screw, Hex M08 - 1.25 X 20	1	
5	95279105	Elbow, 45° 3/4" NPT X -8 JIC	1	
6	46568771	Hose, -10 JIC X 1223 mm	1	
7	35286756	Elbow, 90° 1/2" NPT X -10 JIC	2	
8	95279394	Elbow, 90° 3/4" NPT X -10 JIC	2	
9	22500607	Hose, -12 JIC X -10 JIC X 2032 mm	1	
10	54726575	Valve, 3-Way 3/4" NPT	2	
11	36898096	Screw, Hex Flange M06 - 1.0 X 20	4	
12	22330880	Lever, 3-Way Valve	1	
13	36898104	Nut, Hex Flange M06 - 1.0	4	
14	35286491	Elbow, 90° Swivel O-Ring 7/8" - 14 X -10 JIC	1	
15	46556990	Decal, Ultra Low Sulfur Diesel Fuel	1	
16	35287010	Hose, -10 JIC X 12"	1	
17	46579819	Panel, Top Remote Fuel Door Acoustic	1	
18	46579820	Panel, Middle Door Acoustic	1	
19	35279025	Screw, Tapping M08 - 1.25 X 20	5	
20	92368687	Screw, Tapping M06 - 1.0 X 14	9	
21	46557279	Hinge, Door	1	
22	36793602	Latch, Door	1	
23	36794816	Rivet, 3/16" Dia. Black Stainless	4	
24	46574939GA	Door, Remote Fuel	1	
25	46579821	Panel, Bottom Remote Fuel Door Acoustic 1"	1	
26	35313428	Cap, Tube 3/4" - 16	1	
27	46606119	Connector, Female 3/4" NPT X -8 JIC	1	
28	46601060	Decal, Fuel Return	1	
29	46607444	Decal, Remote Fuel Tank Valve	1	
30	46601059	Decal, Fuel Supply	1	
31	35369214	Cap, Fitting -12 JIC	1	
32	95293320	Connector, 3/4" FNPT X -12 JIC	1	
33	96727193	Screw, Hex M08 - 1.25 X 20	4	
34	46579823	Panel, Side Remote Fuel Door Acoustic	1	
35	46574739GA	Frame, Remote Fuel Door Curbside	1	
36	36921344	Nutsert, Hex M06 - 1.0	5	
37	35287044	Elbow, 90° 3/4" NPT X -8 JIC	1	
38	35295179	Hose, -8 JIC X 34"	1	
39	35286533	O-Ring, 0.75" ID X 0.097" Cross Section	1	

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	46607641	Harness, Engine AC Heater	1	
4	36851533SB	Bracket, Pressure Switch	1	
5	35279025	Screw, Tapping M08 - 1.25 X 20	4	
6	35321223	Elbow, 45° 1/4" NPT X -4 JIC	2	
7	35283480	Hose, -4 JIC X 48"	1	
8	54720719	Adapter, O-Ring M14 - 1.50 X 1/4" NPT	1	
9	54480298	Well, Thermostat M27 - 2	1	
10	46607721	Heater, Engine Oil Pan	1	
11	54605027	Decal, Hazardous Voltage	2	
12	35225077	Clamp, Support 3/8" Rubber Coated	2	

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22061394	51	22868655	17	35123124	59
22062566	43	22868707	17	35123496	47
22063937	19	22870257	15	35127224	119
22068282	69	22870265	15	35127653	23
22077515	13	22870273	13		39
22078190	37	22870281	13	35128982	71
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22104558	113	22877112	15	35130293	53
22164305	101	22877120	15		71
.....	103	22877138	15		113
22265565	99	22877146	15	35130707	47
22298343	101	22877161	15	35131051	85
22330880	119	22916019	87	35142116	61
22334916	99	22969208	106	35144328	43
.....	101	23013493	43	35144336	37
22383319	99	23075302	39		111
22402317	49		41	35144344	61
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22500607	119		75	35145077	71
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22685531	51	23178940	117		41
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22711766	107	23187339	117		71
22711774	61	23241045	103	35225077	9
22769186	37	23281017	69		69
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22777825	15		111	35225093	9
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22786974	13		71	35248145	57
22789226	13	23316250	73		113
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54699749	55		113		85
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54715479	71	95365078	111		113
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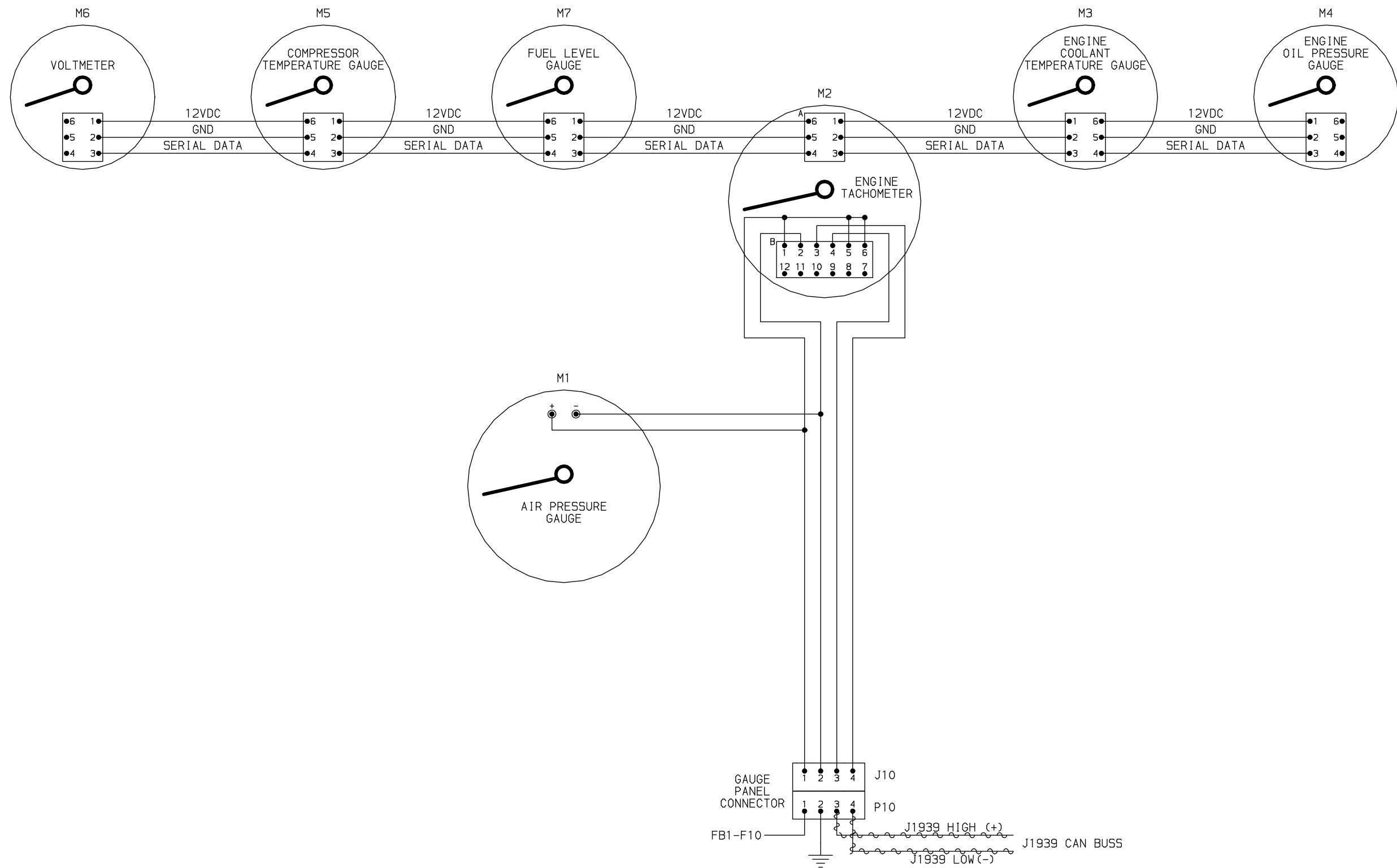
Y-Strainer

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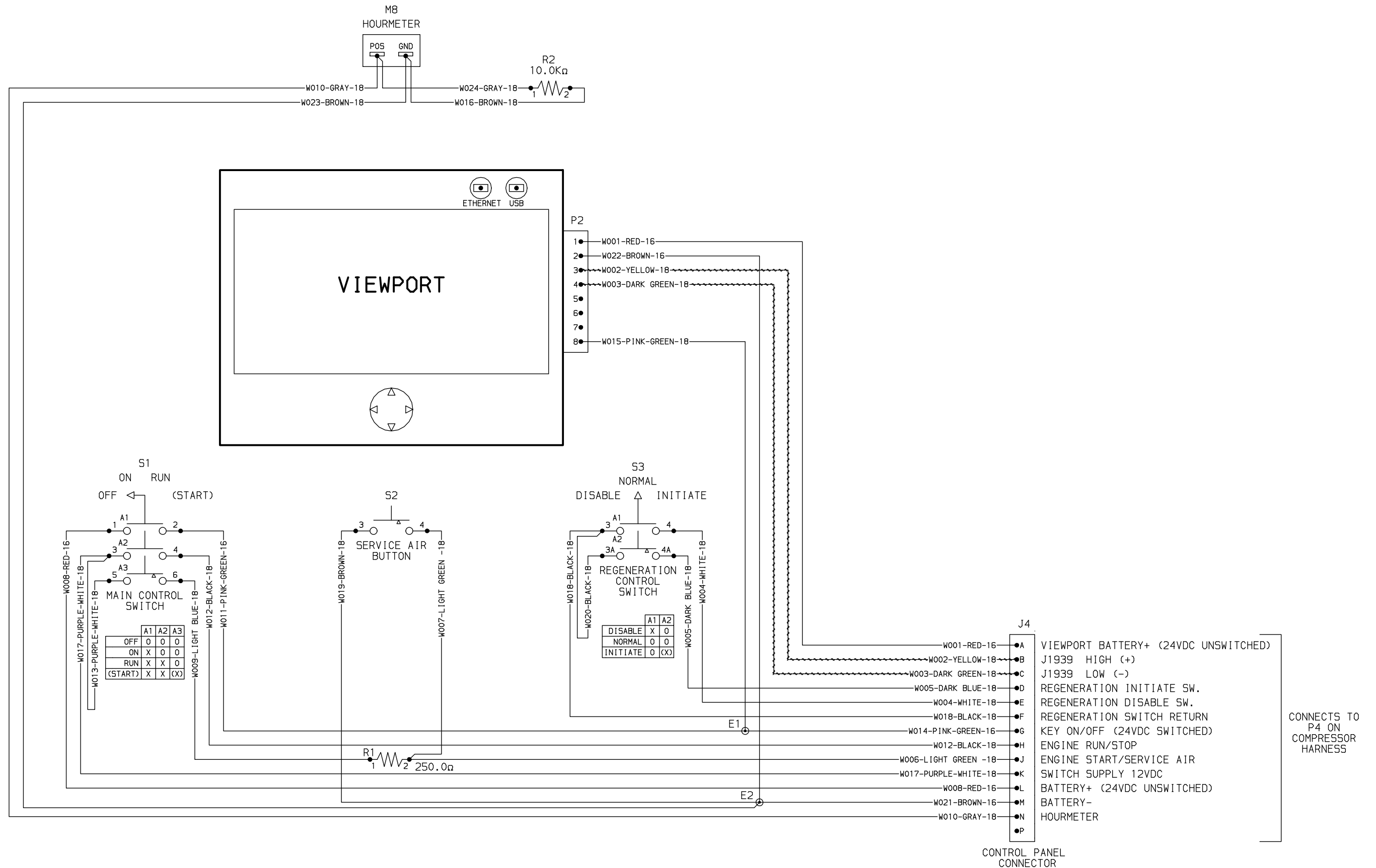


WIRING DIAGRAMS

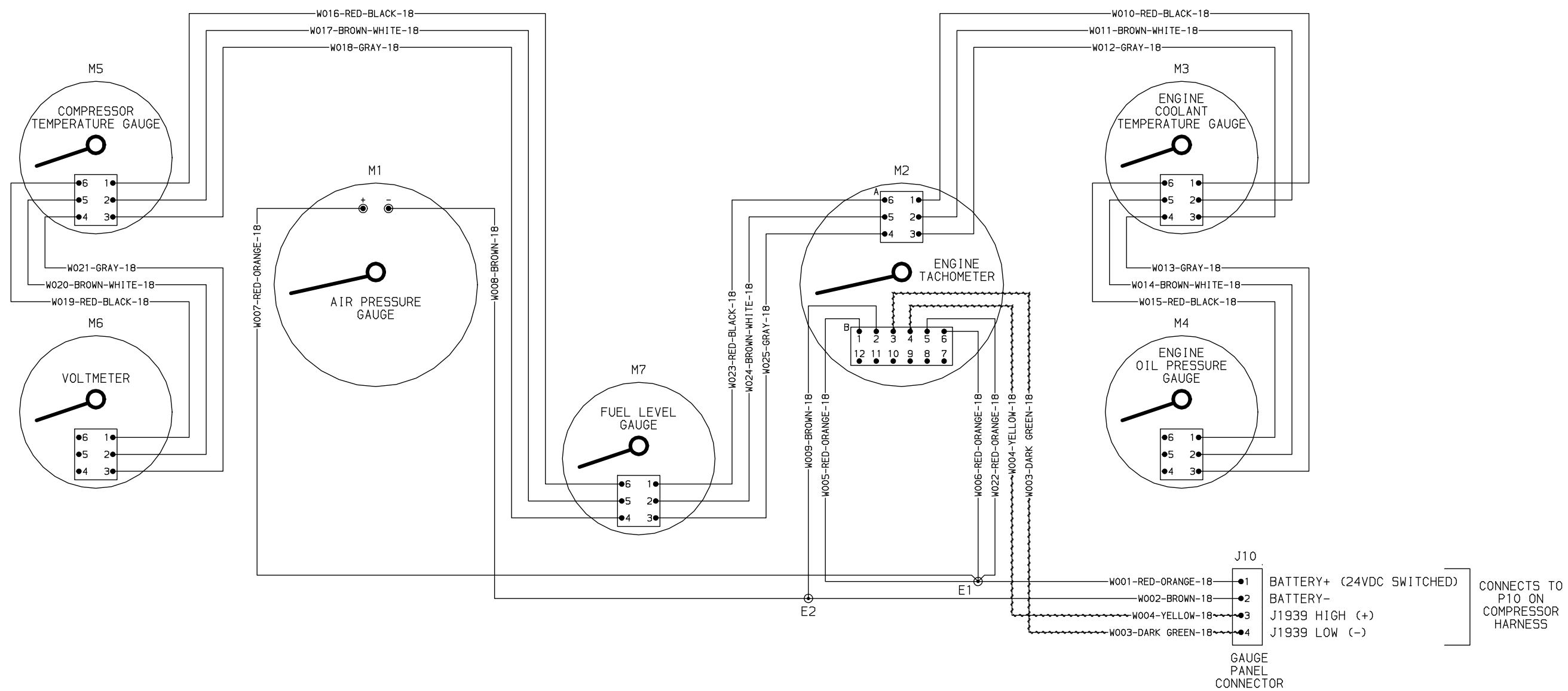




Gauge Panel Control System Schematic 46572439 Rev.B



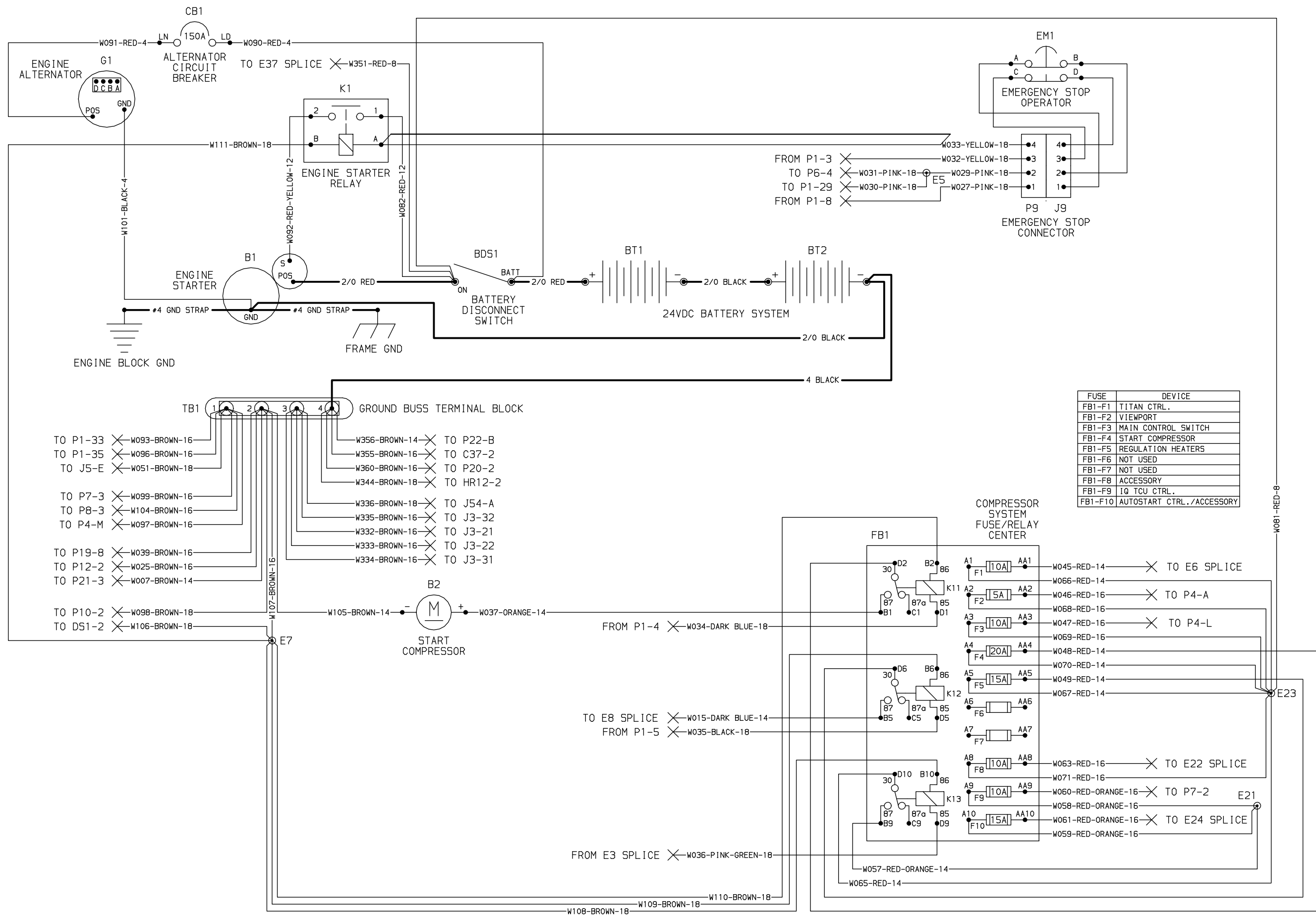
Control Panel Harness Schematic 46559023 Rev.C



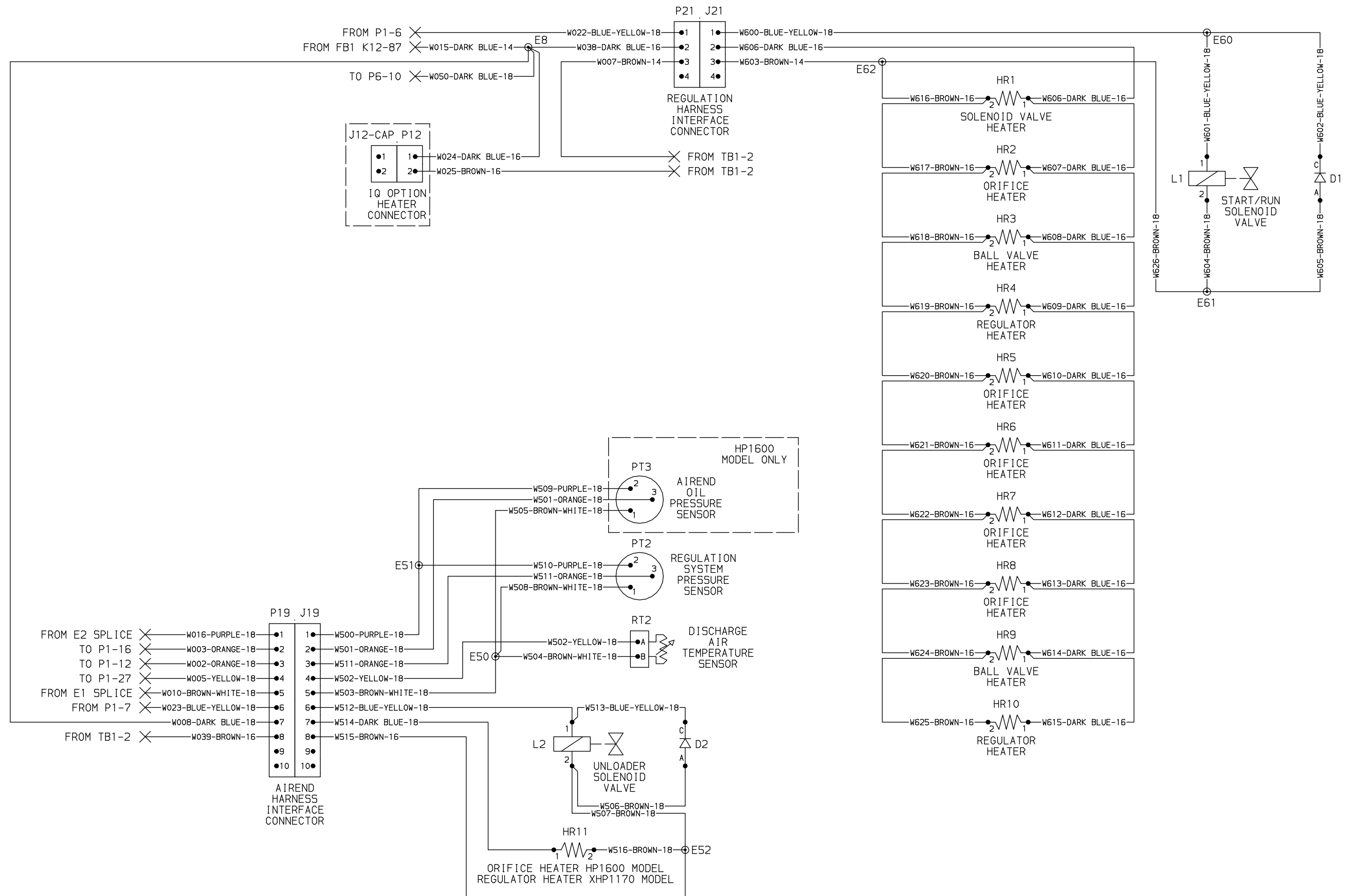
Gauge Panel Harness Schematic 46560941 Rev.C

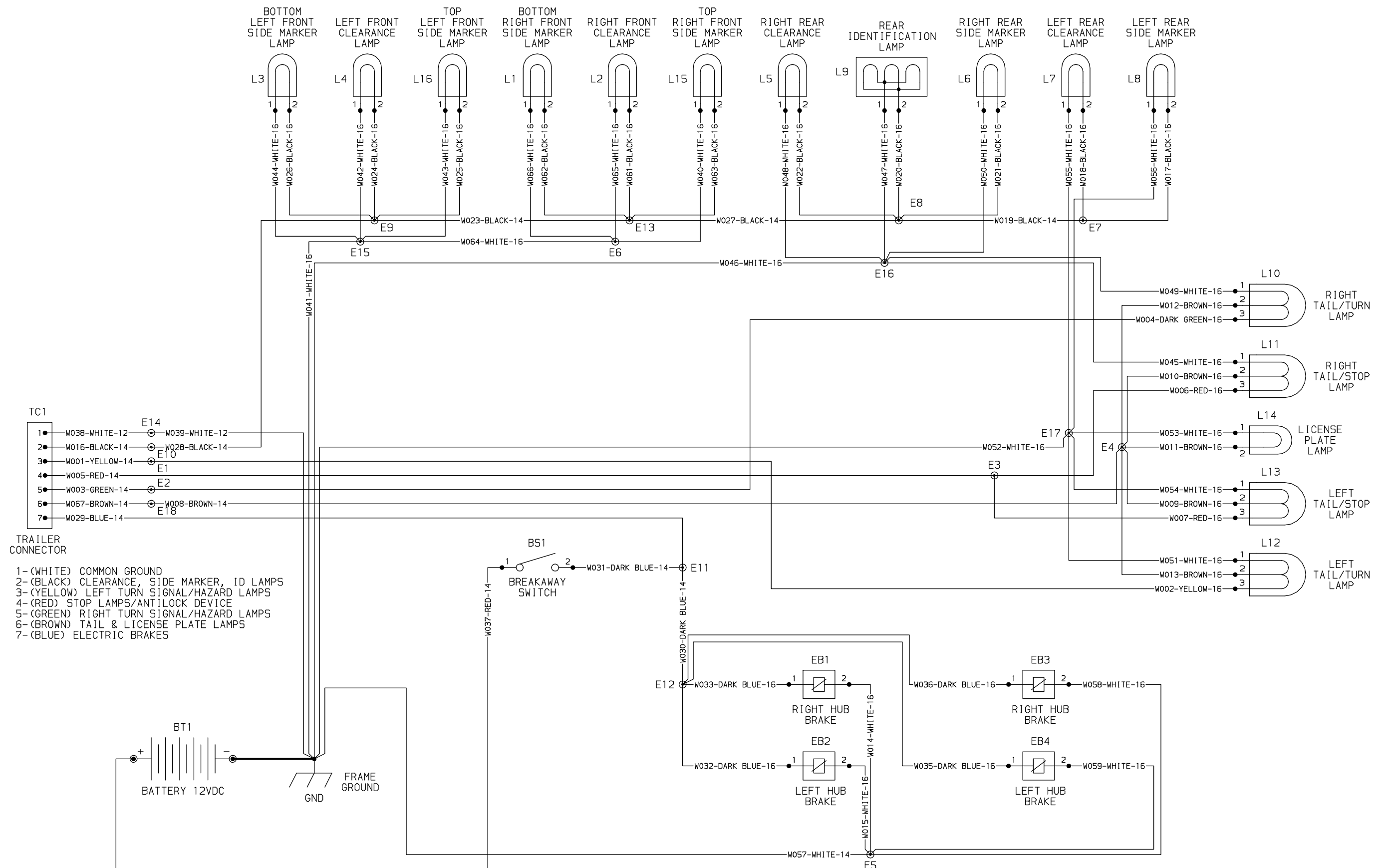




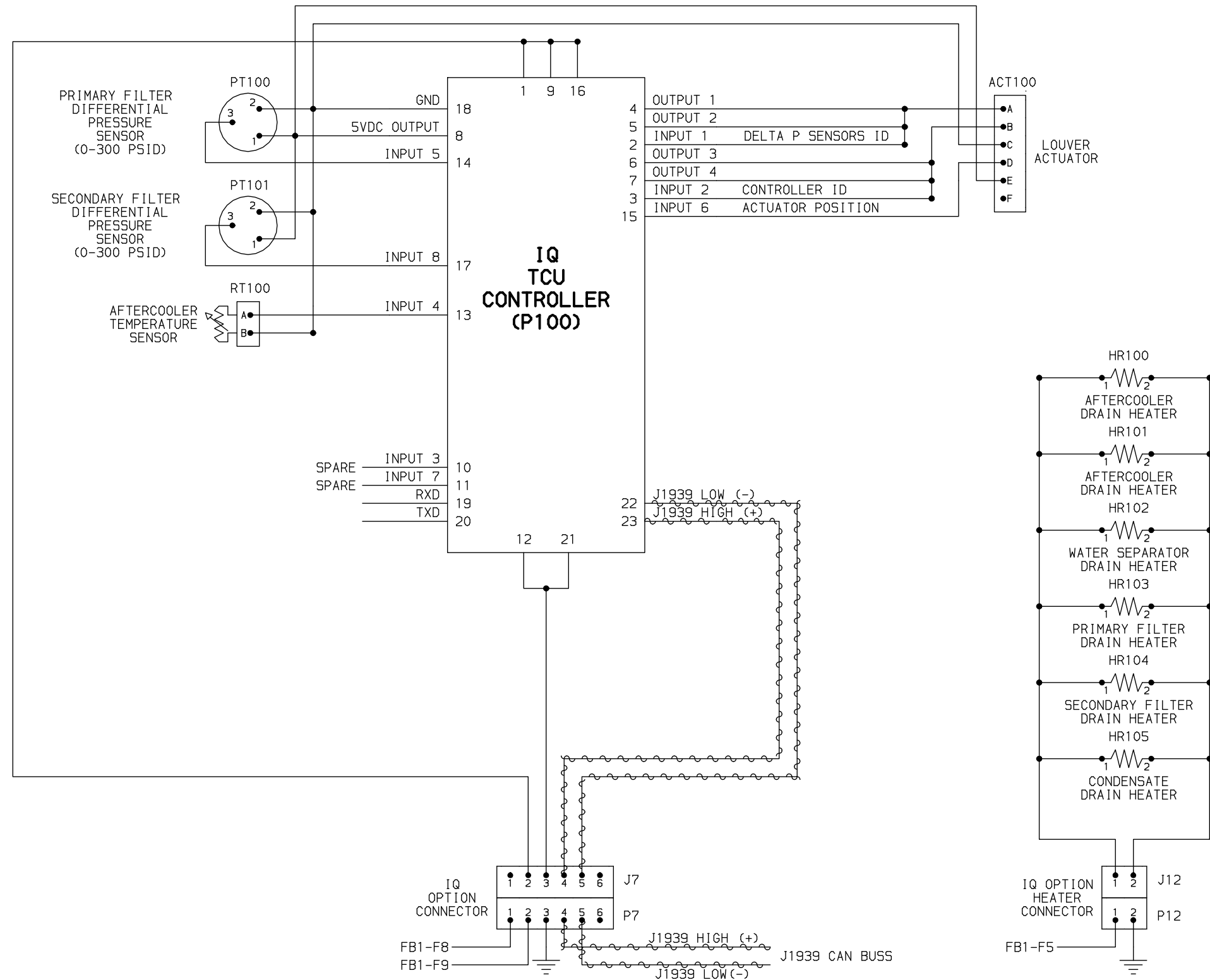


Compressor & Engine Harness Schematic 46606140 Rev.B (sheet 3)

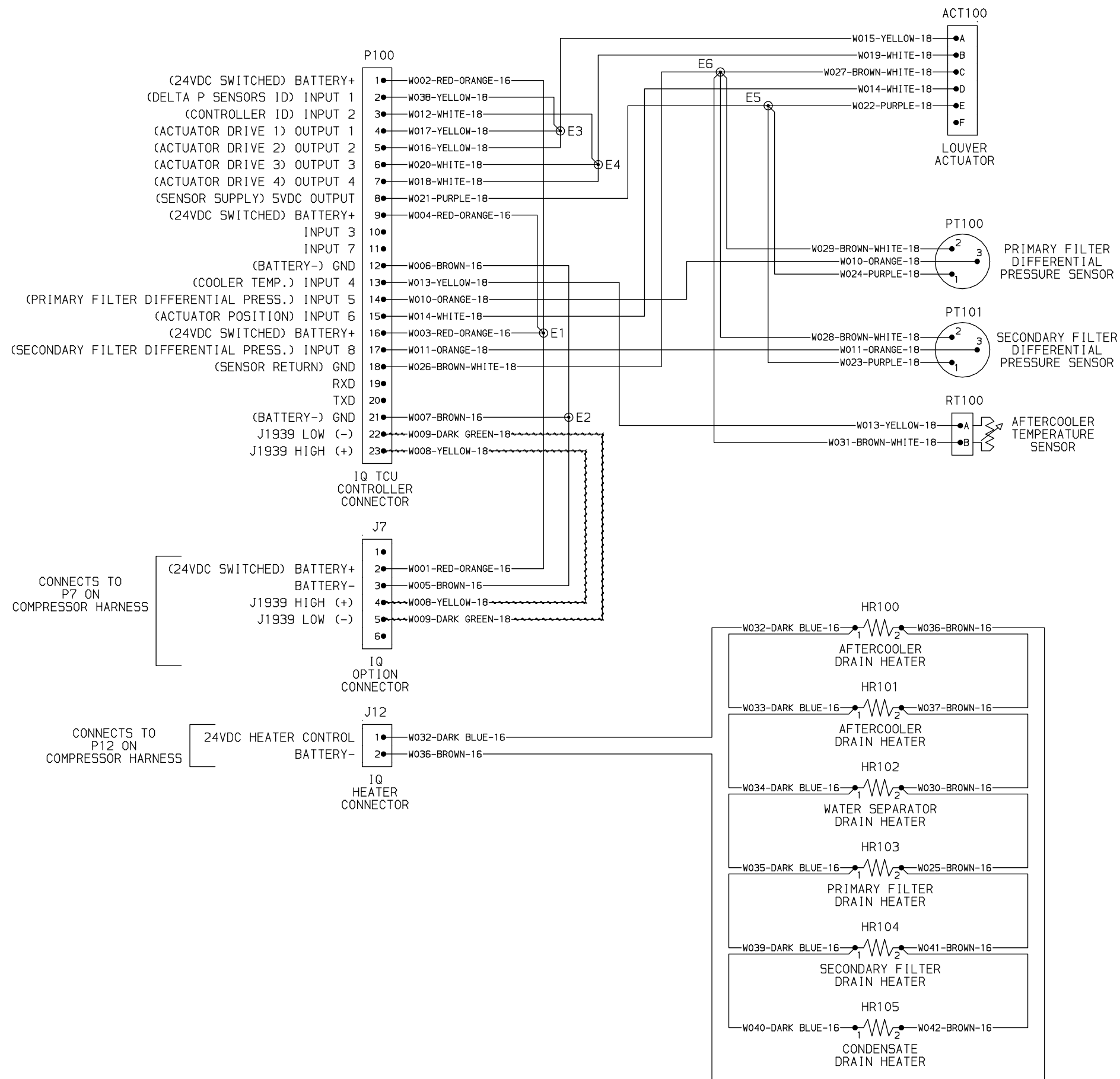




Trailer Harness Schematic 46578803 Rev.A



IQ Option Control System Schematic 46607879 Rev.A



IQ Option Harness Schematic 46574451 Rev.A

Compressor and Engine		
Reference Designator	Description	Part Number
	Titan Controller	46551938
	Compressor Harness	46606141
	Engine Harness	46606142
	285mm Airend Harness	46606143
	Regulation System Harness	46588339
	Battery Positive Stud to Stud Cable	46590421
	Battery Positive Cable	46590419
	Battery Negative Cable	46590420
	Battery Cable Jumper	35128982
	Frame Ground Strap 350mm	36783488
	Engine Ground Strap 350mm	36783488
B1	Engine Starter	Cummins Part
B2	Start Compressor	46576919
BDS1	Battery Disconnect Switch	46556146
BT1	Battery, 12 VDC	35225788
BT2	Battery, 12 VDC	35225788
CB1	Alternator Circuit Breaker 150 Amp	46615979
C12B	TBAP Sensor	46566779
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
FB2	Fuse/Relay Center Decal Outside Cover	46575499
FB2	Fuse/Relay Center Decal Inside Cover	46587721
FB2-F1	Engine ECM Fuse 30 Amp	23091853

Compressor and Engine		
Reference Designator	Description	Part Number
FB2-F2	Engine Communication Fuse 10 Amp	23091812
FB2-F3	Not Used	
FB2-F4	Fuel Lift Pump Fuse 15 Amp	23091820
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	
G1	Engine Alternator	Cummins Part
HR1	Solenoid Valve Heater	46499687
HR2	Orifice Heater	36841526
HR3	Ball Valve Heater	23346612
HR4	Regulator Heater	36854677
HR5	Orifice Heater	36841526
HR6	Orifice Heater	36841526
HR7	Orifice Heater	36841526
HR8	Orifice Heater	36841526
HR9	Ball Valve Heater	23346612
HR10	Regulator Heater	36854677
HR11	Orifice Heater	36841526
HR12	Breather Tube Heater	23346612
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
FB1-K11	Start Compressor Relay	23316250
FB1-K12	Regulation Heaters Relay	23316250
FB1-K13	Switched Power Relay	23316250
FB2-K21	Not Used	
FB2-K22	Not Used	
FB2-K23	Intake Shutoff Valve Relay	23316250
L1	Start/Run Solenoid Valve	46553075
L2	Unloader Solenoid Valve	36840841
L3	Ether Solenoid Valve	46615339
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	23294820
RT3	Ambient Air Temperature Sensor	23294838

Compressor and Engine		
Reference Designator	Description	Part Number
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	46565979

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

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	46578804
BS1	Breakaway Switch	46554147
L1	Bottom Right Front Side Marker Lamp	35367051
L2	Right Front Clearance Lamp	35367051
L3	Bottom 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
L15	Top Right Front Side Marker Lamp	35367051
L16	Top Left Front Side Marker Lamp	35367051

IQ Option		
Reference Designator	Description	Part Number
	IQ TCU Controller	46569499
	IQ Harness	46574452
ACT100	Louver Actuator	36898310
HR100	Aftercooler Drain Heater	36841526
HR101	Aftercooler Drain Heater	36841526
HR102	Water Separator Drain Heater	36841526
HR103	Primary Filter Drain Heater	36841526
HR104	Secondary Filter Drain Heater	36841526
HR105	Condensate 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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