



Doosan Infracore
Portable Power

PARTS MANUAL

COMPRESSOR MODEL

P425/HP375WCU-T4i (E85)

Doosan Infracore Portable Power
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DoosanPortablePower.com

P/N: 46609859 (8/2013) Rev C



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RECOMMENDED SERVICE PARTS

WIRING DIAGRAMS



PARTS ORDERING

GENERAL

This publication, which contains an illustrated parts breakdown, has been prepared as an aid in locating those parts which may be required in the maintenance of the unit. Always insist on genuine Doosan parts for your unit.

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

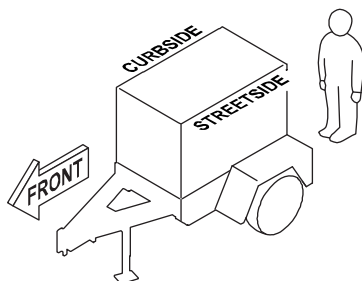
Doosan Portable Power service facilities and parts are available worldwide. Consult local yellow pages or visit: www.doosanportablepower.com.

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

Description

The illustrated parts breakdown illustrates and lists the various assemblies, subassemblies and detailed parts which make up this particular machine. This covers the standard models and the more popular options that are available.

In referring to the rear, the front or to either side of the unit, always consider the drawbar end of the unit as the front. Standing at the rear of the unit facing the drawbar (front) will determine the right and left sides.



Fasteners

Both SAE/inch and ISO/metric hardware have been used in the design and assembly of these units. In the disassembly and reassembly of parts, extreme care must be taken to avoid damaging threads by the use of wrong fasteners.

How To Order

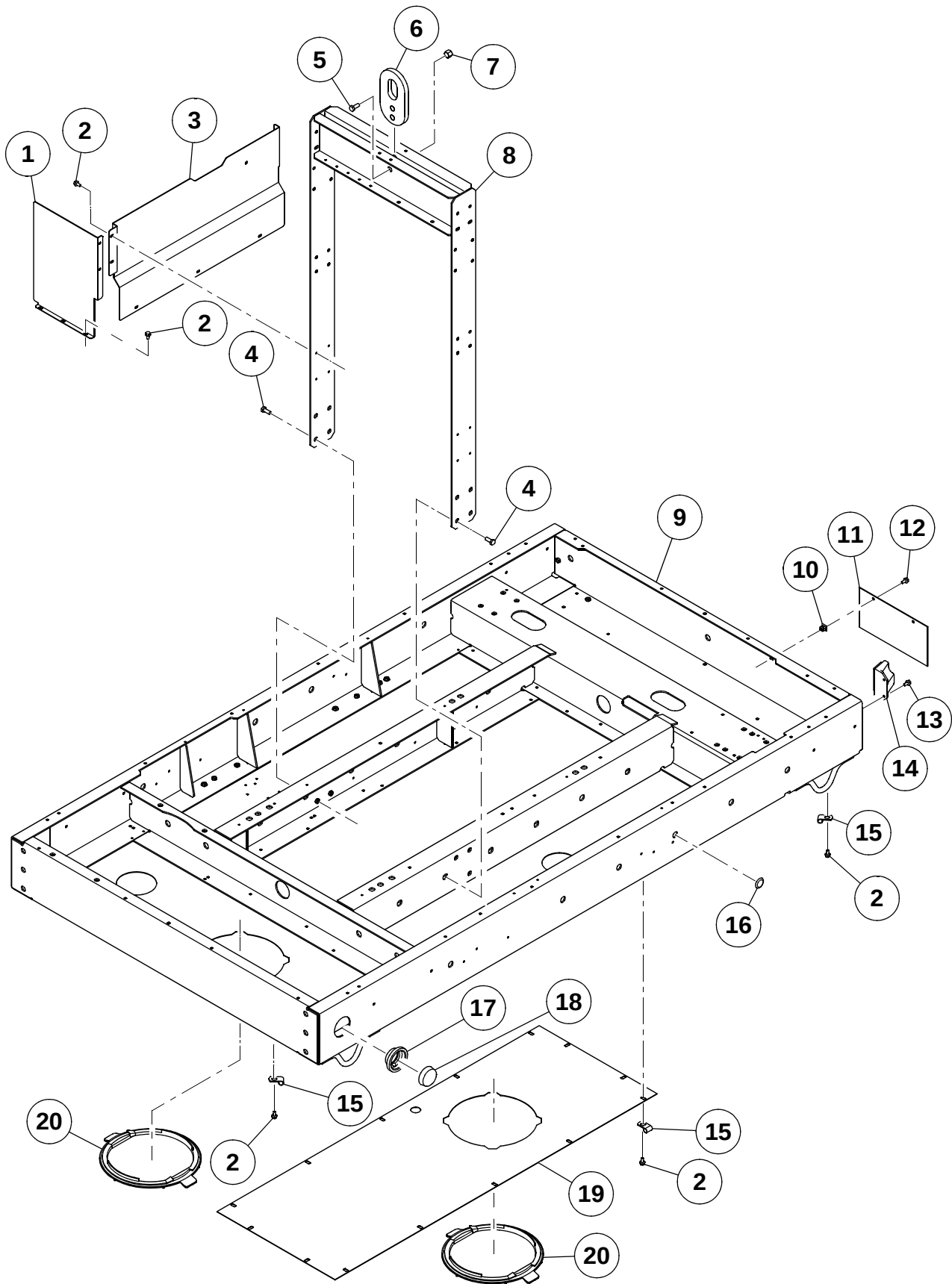
Always specify the model and serial number of the unit.

Specify the part number and description.



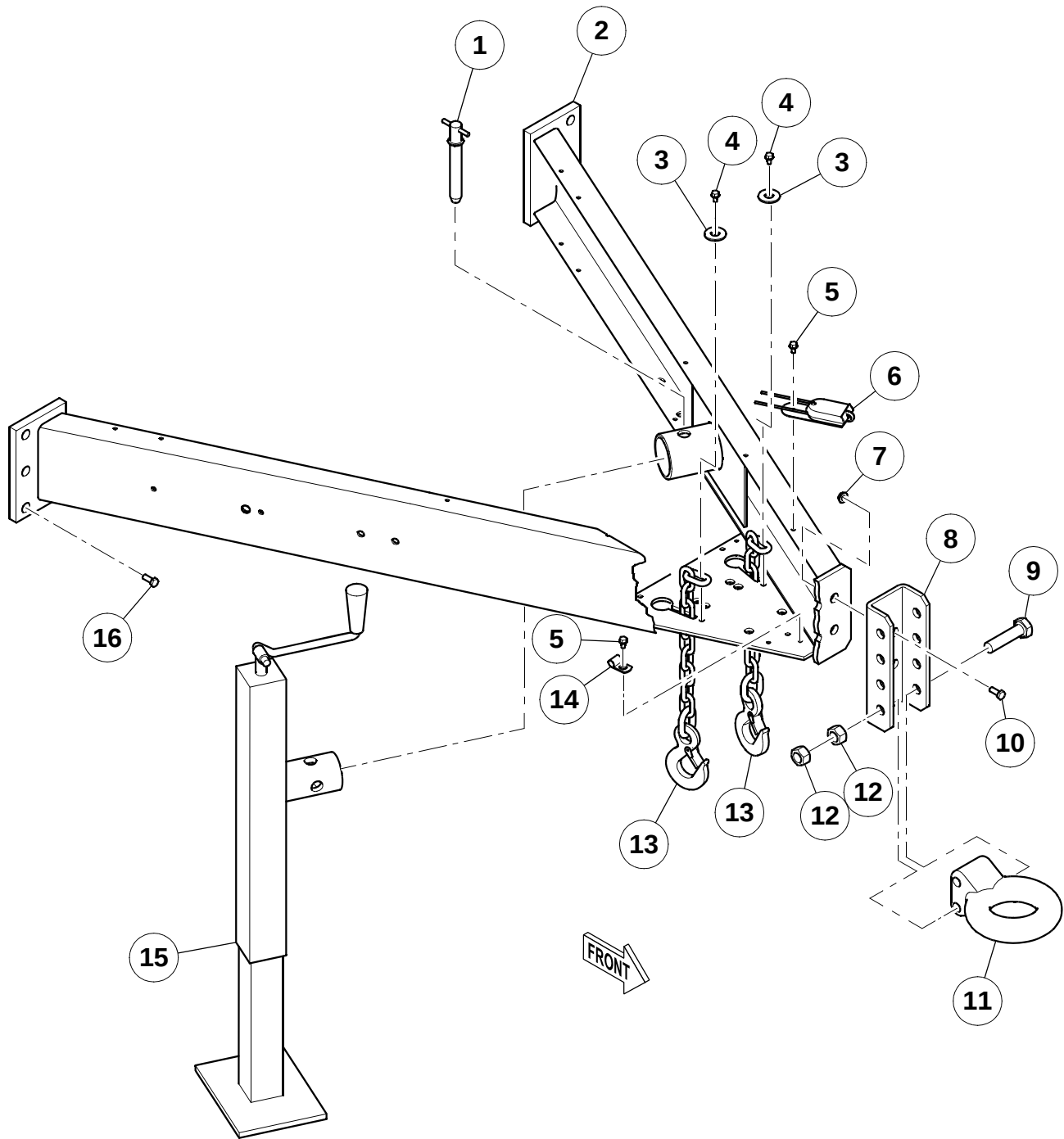
COMPRESSOR PARTS

Frame Assembly



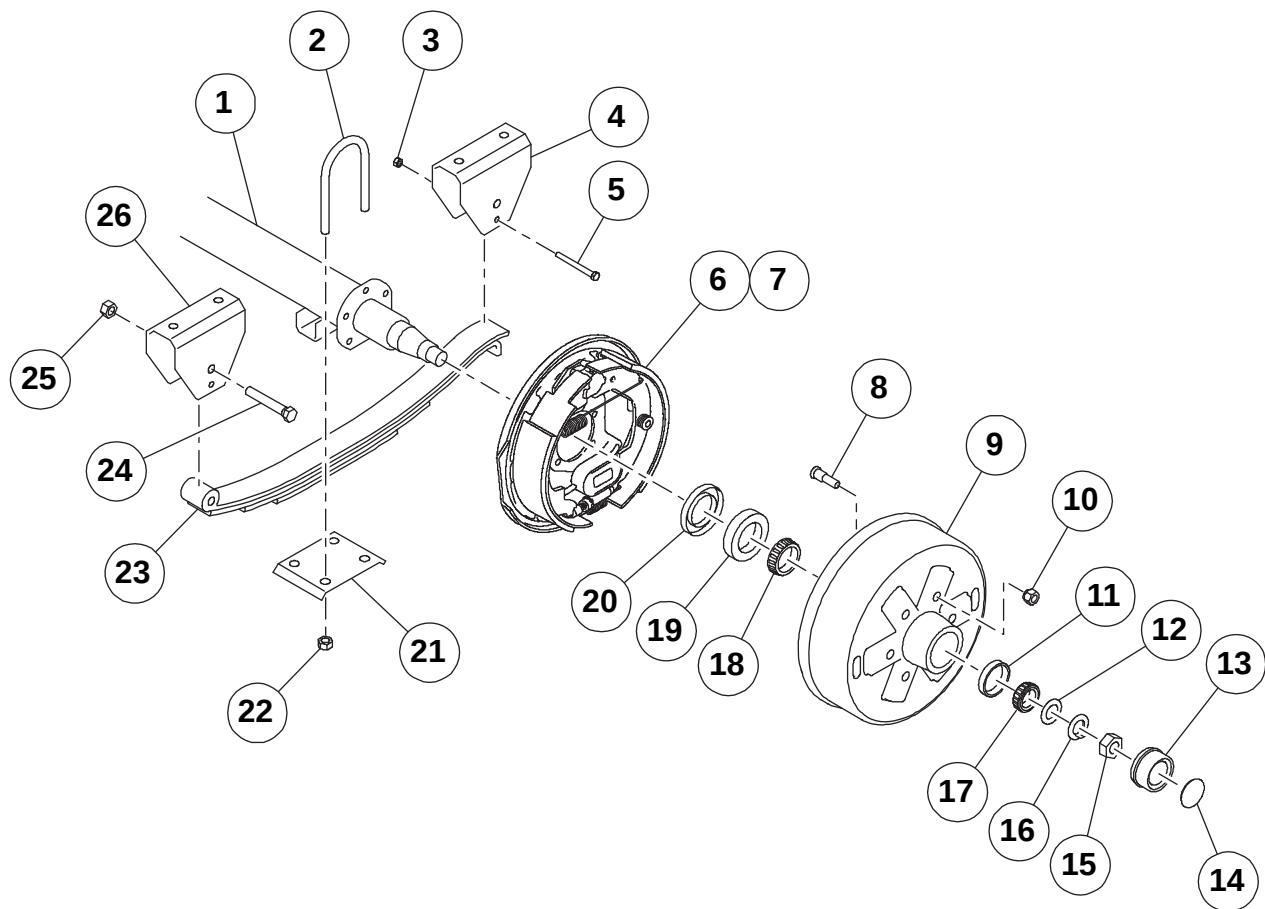
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	23301351	Panel, Tool Box, Small	1	
2	36797652	Screw, Tapping, M6 - 1.0 X 12	14	
3	46583899	Panel, Tool Box	1	
4	36879492	Screw, Hex Flange, M12 - 1.75 X 25	8	
5	36765121	Screw, Hex, M16 - 2.0 X 55	2	
6	54759113	Eye, Lifting, Standard	1	
7	96704630	Nut, Locking, M16 - 2.0	2	
8	46582139	Bail, Lifting	1	
9	46572301	Assembly, Frame	1	
10	54724117	Grommet, License Plate Mounting	2	
11	46559939	Plate, License	1	
12	54519202	Screw, Slotted Hex, 1/4" - 10 X 3/4"	2	
13	35300771	Screw, Tapping, M6 - 1.0 X 20	2	
14	36895860	Light, License	1	
15	35225093	Clamp, Support	5	
16	54772041	Plug, Hole	14	
17	36893634	Grommet, Clearance Lamp	2	
18	35367051	Lamp, Clearance, Yellow	2	
19	46577200	Panel, Belly	1	
20	36880623	Cover, Flexible	2	
	46546339	Harness, Trailer Wiring	1	Not Shown

Drawbar Assembly - Standard



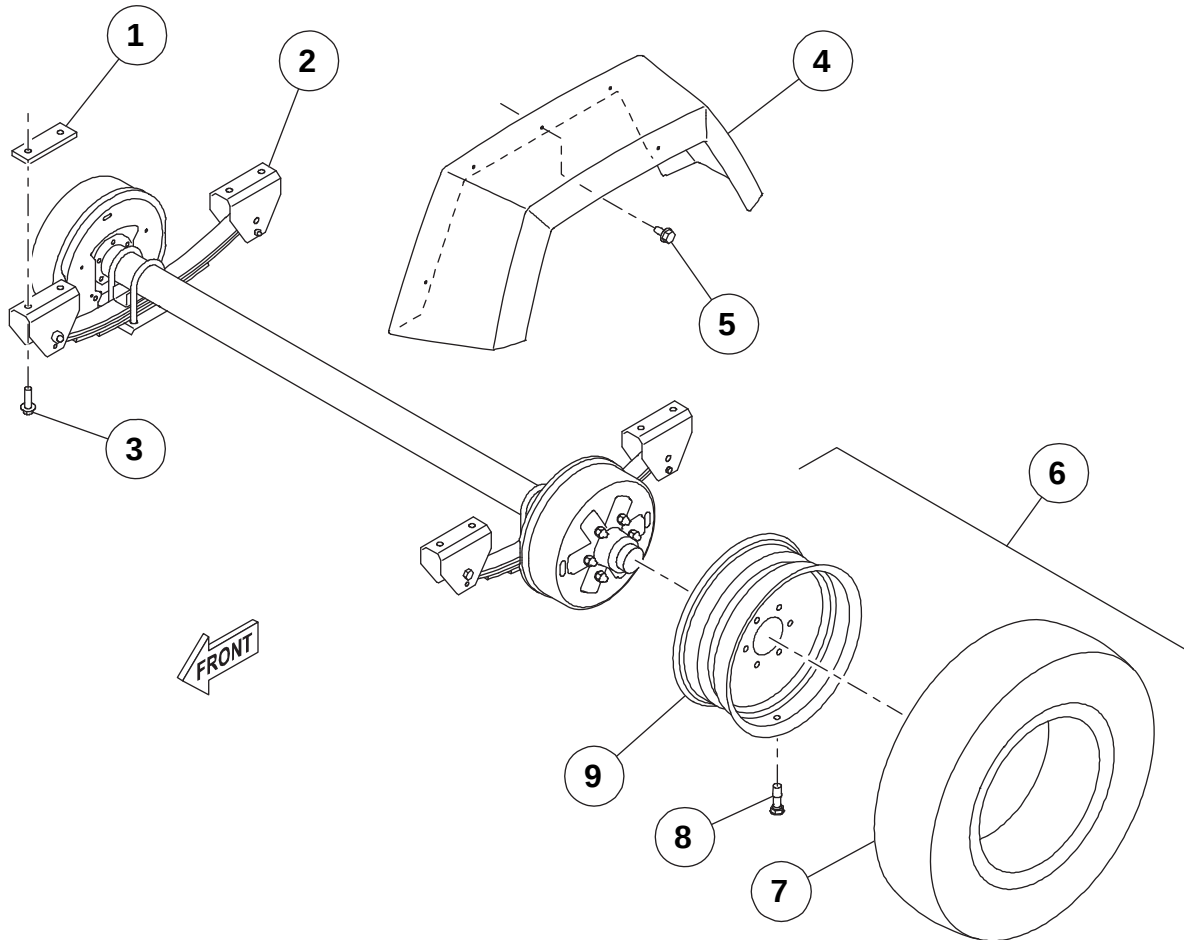
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35609544	Pin, Quick-Release	1	
2	46618899	Drawbar, Standard	1	
3	95934907	Washer, Flat, 3/8"	2	
4	22959936	Screw, Tapping, M8 - 1.25 X 20	2	
5	36797652	Screw, Tapping, M6 - 1.0 X 12	2	
6	46554147	Switch, Breakaway	1	
7	36879211	Nut, Hex Flange, M16 - 2.0	4	
8	36757284	Bracket, 3-Position	1	
9	35376094	Screw, Hex, M16 - 2.0 X 120	2	
10	39179072	Screw, Hex, M16 - 2.0 X 50	4	
11	35605187	Eye, Pintle	1	
12	96701750	Nut, Hex, M16 - 2.0	4	
13	22144521	Assembly, Chain and Hook	2	
14	37001252	Clamp, Support	1	
15	54443577	Jack, Screw-Type	1	
16	96727557	Screw, Hex Flange, M16 - 2.0 X 60	6	

Running Gear - Axle Assembly with Electric Brakes



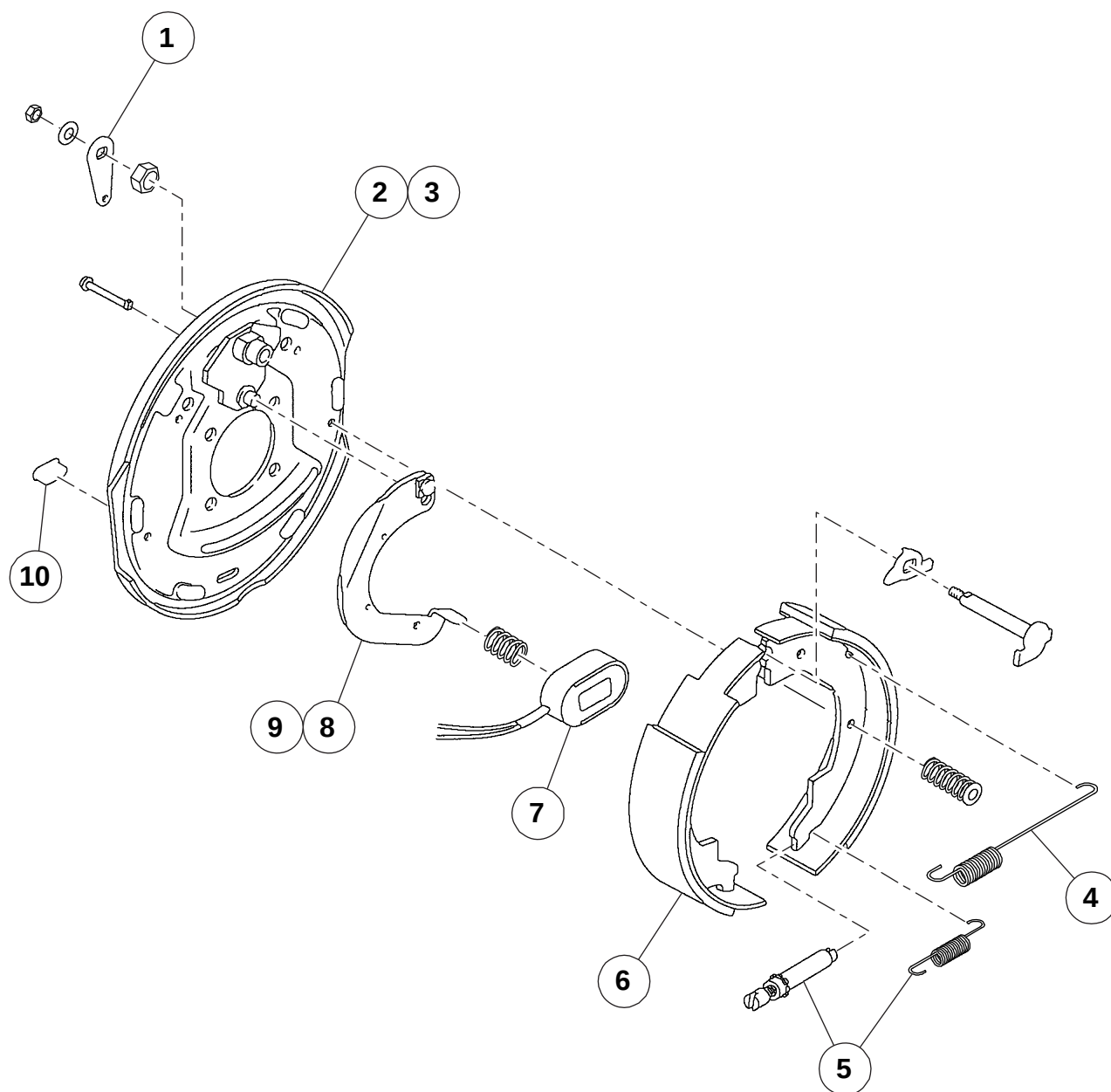
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	54750997	Beam, Axle	1	Not Shown
2	35316959	U-Bolt, 1/2" - 20	4	
3	35315373	Nut, Locking, 5/16" - 18	2	
4	35326966	Hanger, Rear	2	
5	35315365	Screw, Hex, 5/16" - 18 X 3-1/4"	2	
6	35390814	Assembly, Brake, LH	1	
7	35390822	Assembly, Brake, RH	1	
8	35361898	Stud, Wheel	12	
9	35390459	Hub, Studded	2	
10	35315274	Nut, Wheel, 1/2" - 20	12	
11	35318831	Cup, Outer Bearing	2	
12	35315209	Washer, Spindle	2	
13	35379395	Cap, Dust	2	
14	35379387	Plug, Dust Cap	2	
15	35315217	Nut, Spindle, 1" - 14	2	
16	35390012	Washer, Tang, 1"	2	
17	35318849	Cone, Outer Bearing	2	
18	35316876	Cone, Inner Bearing	2	
19	35316884	Cup, Inner Bearing	2	
20	35316868	Seal, Grease	2	
21	35315241	Plate, Tie	2	
22	35315258	Nut, Hex, 1/2" - 20	8	
23	35315126	Spring, Slipper	2	
24	35315340	Screw, Hex, 9/16" - 18 X 3-1/4"	2	
25	35315357	Nut, Locking, 9/16" - 18	2	
26	35326958	Hanger, Front	2	

Running Gear Assembly



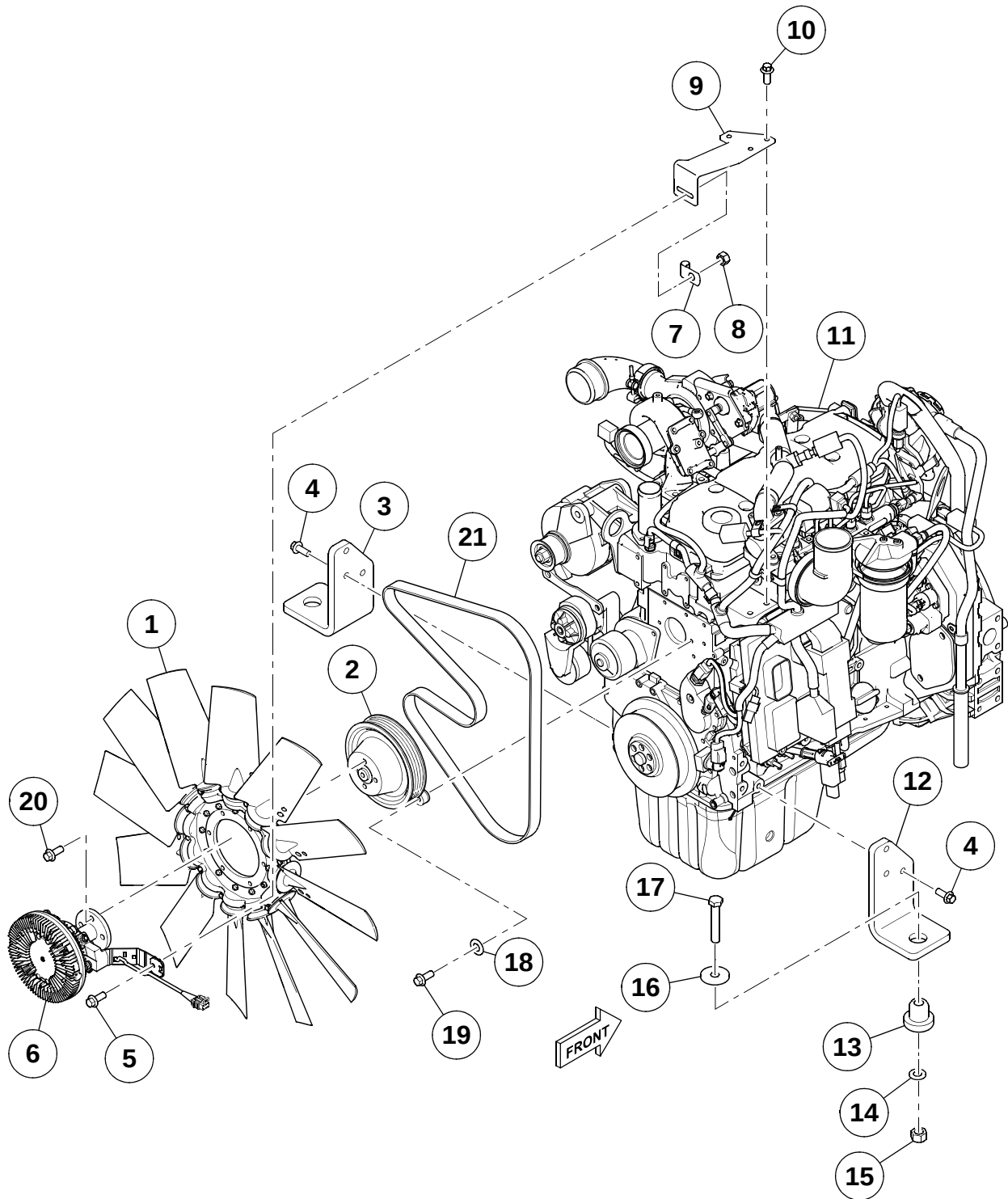
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36880599	Spacer, Running Gear	4	
2	54625322	Assembly, Running Gear - Electric Brakes	1	
3	96747399	Screw, Hex Flange, M12 - 1.75 X 40	8	
4	36877579	Fender, Plastic	2	
5	36797652	Screw, Tapping, M6 - 1.0 X 12	10	
6	36073864	Assembly, Wheel and Tire	2	
7	36846319	Tire, ST225/75D15	1	Quantity Per Assembly
8	35282565	Valve, Stem	1	Quantity Per Assembly
9	35318757	Wheel, 15" X 6"	1	Quantity Per Assembly

Running Gear - Electric Brake Assembly



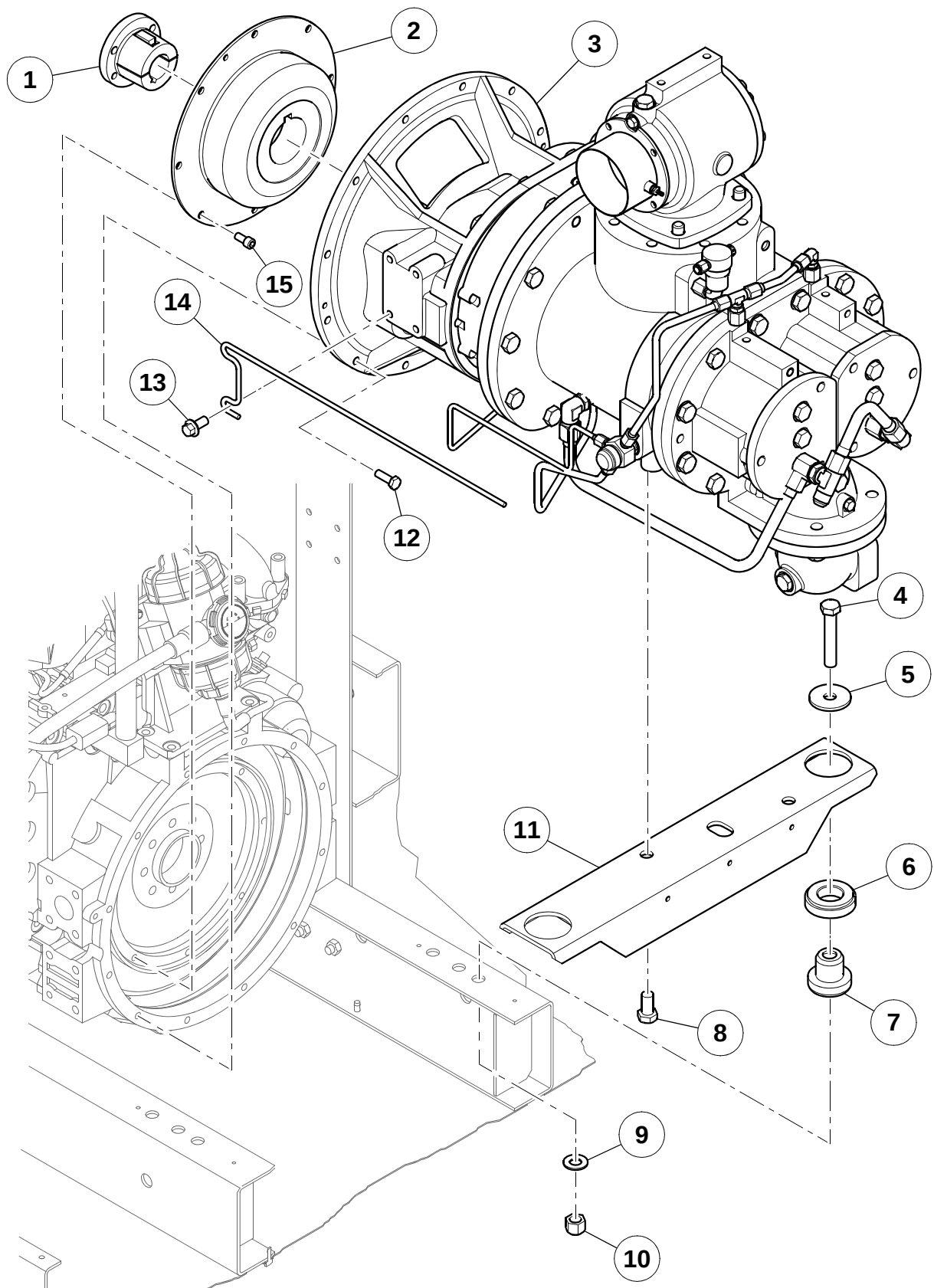
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35390913	Lever, Parking Brake	1	Not Shown
2	35393859	Assembly, Backing Plate, LH	1	
3	35393867	Assembly, Backing Plate, RH	1	
4	35391002	Spring, Retractor	1	Not Shown
5	35393727	Kit, Adjusting Screw and Spring	1	
6	46583900	Kit, Brake Shoe and Lining	1	
7	36895811	Kit, Brake Magnet	1	Not Shown
8	36895829	Kit, Brake Actuating Lever, LH	1	
9	36895837	Kit, Brake Actuating Lever, RH	1	
10	35391481	Plug, Adjuster Slot	2	

Engine and Fan Mounting



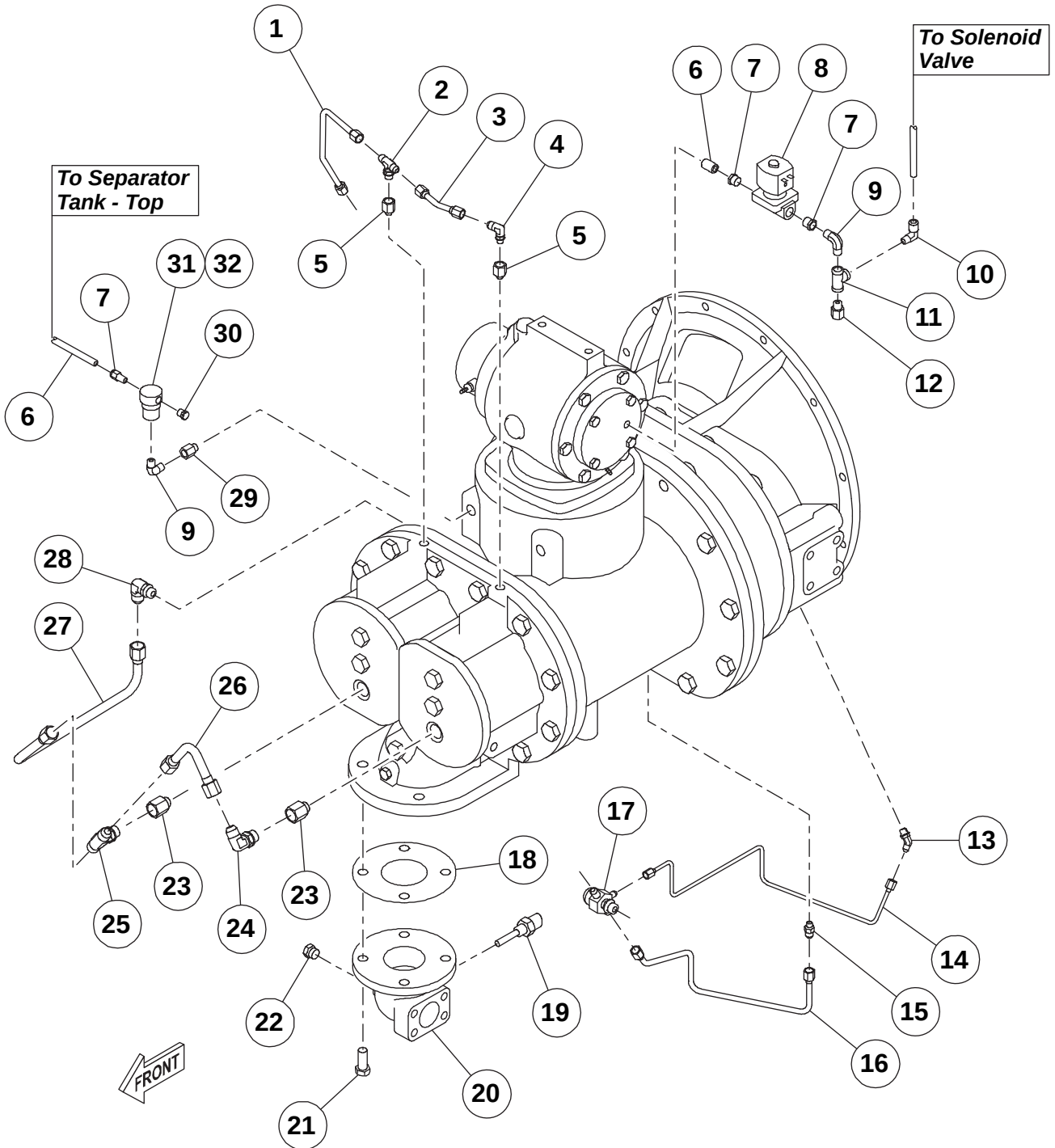
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46571324	Fan, 30"	1	Not Shown
2	46611219	Drive, Fan	1	
3	46572219	Bracket, Engine Mount, Streetside	1	
4	36888055	Screw, Hex Flange, M12 - 1.75 X 30	6	
5	92398130	Screw, Hex Flange, M8 - 1.25 X 20	1	
6	46594659	Assembly, Fan Clutch	1	
7	35253038	Clamp, Hose	1	
8	36881886	Nut, Hex Flange, M8 - 1.25	1	
9	46578259	Bracket, Fan Clutch	1	
10	96702287	Screw, Hex, M10 - 1.5 X 25	3	
11	46571939	Engine, Cummins, QSB 4.5L	1	
12	46560579	Bracket, Engine Mount, Curbside	1	
13	54756697	Isolator, Center Bonded	2	
14	95935052	Washer, Flat, 5/8"	2	
15	96704630	Nut, Locking, M16 - 2.0	2	
16	35327212	Washer, Snubber, 5/8"	2	
17	96701503	Screw, Hex, M16 - 2.0 X 90	2	
18	95934998	Washer, Flat, 5/16"	4	
19	46612219	Screw, Hex, M8 - 1.25 X 30	4	
20	36880995	Screw, Hex Flange, M10 - 1.5 X 30	4	
21	46613139	Belt, Fan	1	
	46582501	Harness, Compressor and Engine Engine Spare Parts	1	
	46558720	Filter, Engine Oil	AR	
	46554959	Filter, Fuel/Water Separator	AR	
	46587383	Filter, Fuel, Final	AR	
	46595859	Filter, Crankcase	AR	
	46613139	Belt, Fan	AR	

Airend Mounting



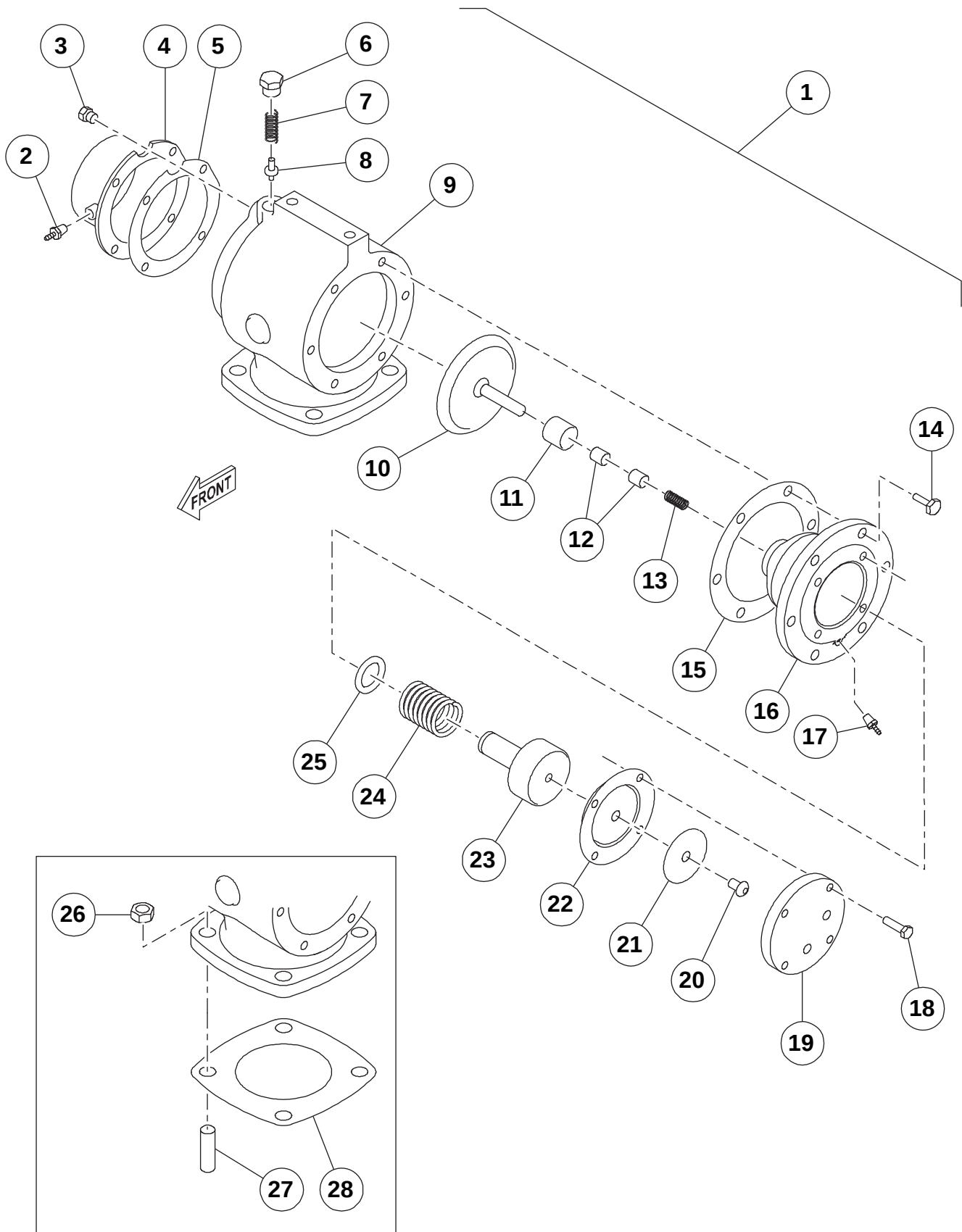
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35589621	Bushing, Split Taper	1	Not Shown
2	35834779	Coupling, Drive	1	
3	36084184	Assembly, Airend, 178.5 mm	1	
	42665679	Assembly, Rebuilt Airend	1	
4	96701503	Screw, Hex, M16 - 2.0 X 90	2	
5	35327212	Washer, Snubber, 5/8"	2	
6	36845170	Spacer, Mounting	2	
7	35318229	Isolator, Center Bonded	2	
8	35375591	Screw, Hex, M16 - 2.0 X 30	2	
9	95935052	Washer, Flat, 5/8"	2	
10	96704630	Nut, Locking, M16 - 2.0	2	
11	43208511	Bracket, Airend Support	1	
12	96701917	Screw, Hex, M10 - 1.5 X 30	12	
13	36879492	Screw, Hex Flange, M12 - 1.75 X 25		
14	22983001	Support, Wire Harness	1	
15	95220604	Screw, Socket Head, 3/8" - 16 X 3/4"	8	

Airend Assembly - External Piping



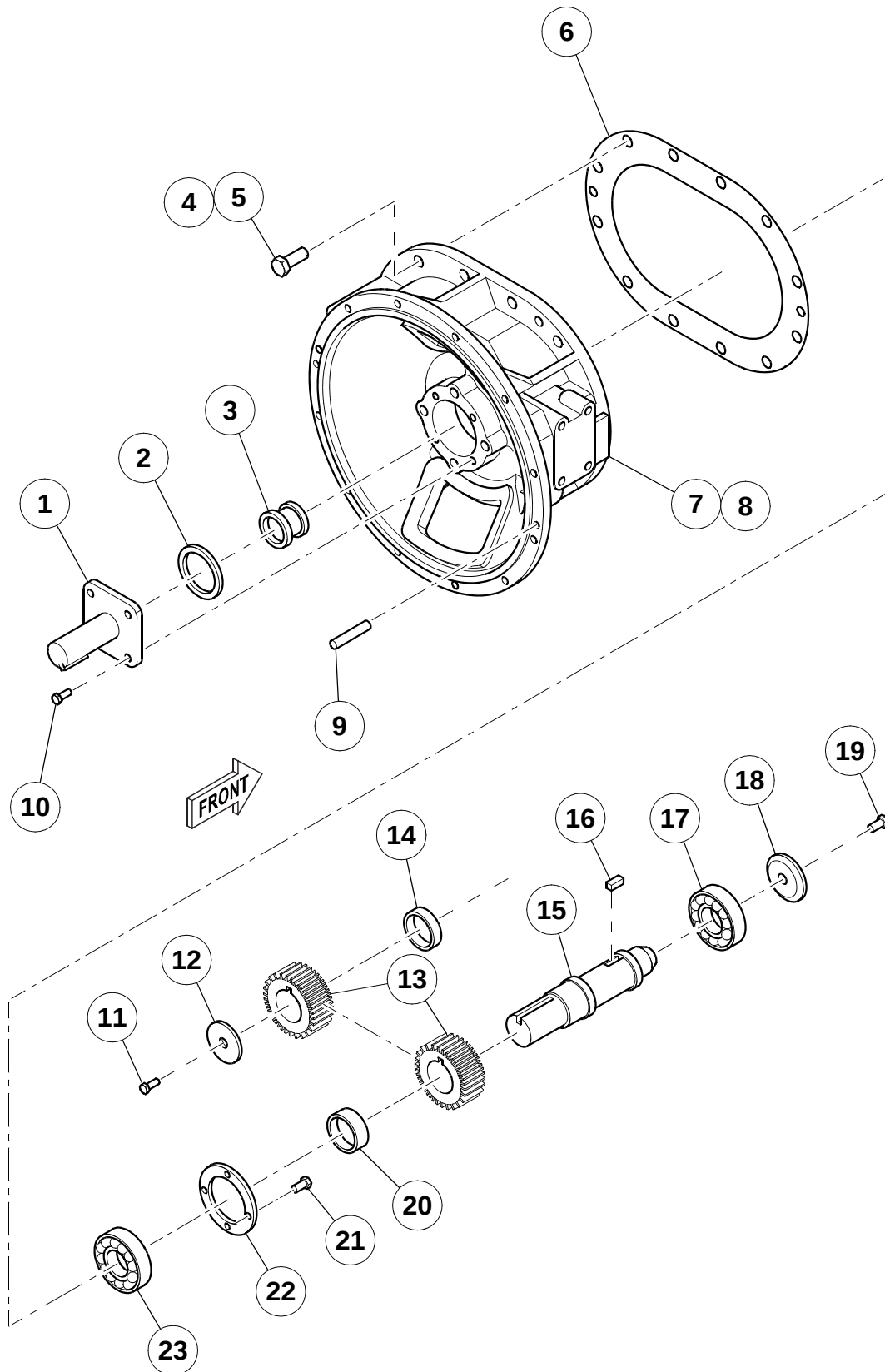
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36846087	Tube, Bearing Oil Supply	1	
2	35279843	Tee, Branch, 9/16" - 18 X -6 JIC	1	
3	36795482	Assembly, Tube	1	
4	35279827	Elbow, 90 Deg., 9/16" - 18 X -6 JIC	1	
5	35287945	Expander, Female, 7/16" - 20 X 9/16" - 18	2	
6	95092318	Nipple, Pipe, 1/4" NPT	1	
7	95940748	Bushing, Reducer, 3/8" NPT X 1/4" NPT	2	
8	36840841	Valve, Solenoid, 3/8" NPT	1	
9	95364469	Elbow, 90 Deg., 1/4" NPT X 1/4" NPT	2	
10	35369354	Elbow, 90 Deg., 1/4" NPT X 3/8" Tube	1	
11	95954194	Tee, Pipe, 1/4" NPT	1	
12	35322346	Fitting, Orifice, 1/4" NPT	1	
13	35279884	Elbow, 45 Deg., 7/16" - 20 X -4 JIC	1	
14	36846152	Tube, Front Oil Seal	1	
15	95402806	Adapter, 7/16" - 20 X -6 JIC	1	
16	22189609	Tube, Airend Oil Feed	1	
17	36845154	Manifold, Oil	1	
18	35575570	Gasket, Discharge Flange	1	
19	23294820	Sensor, Temperature	1	
20	22247340	Elbow, Discharge	1	
21	35375385	Screw, Hex, M16 - 2.0 X 40	4	
22	95949491	Plug, Hex, 3/4"	1	
23	36846095	Expander, Female, 3/4" - 16 X 7/8" - 14	2	
24	35286491	Elbow, 90 Deg., 7/8" - 14 X -10 JIC	1	
25	36846129	Tee, Branch, 7/8" - 14 X 7/8" - 14	1	
26	36846111	Assembly, Tube	1	
27	36846103	Tube, Bearing Oil Scavenger	1	
28	35305622	Elbow, 90 Deg., 3/4" - 16 X -10 JIC	1	
29	35302314	Adapter, 9/16" - 18 X 1/4" NPT	1	
30	36766756	Muffler, Orifice, 9/64"	1	
31	35322379	Valve, Blowdown	1	
32	35379064	Kit, Diaphragm Repair, Blowdown Valve	1	Not Shown

Airend Assembly - Unloader Assembly and Mounting



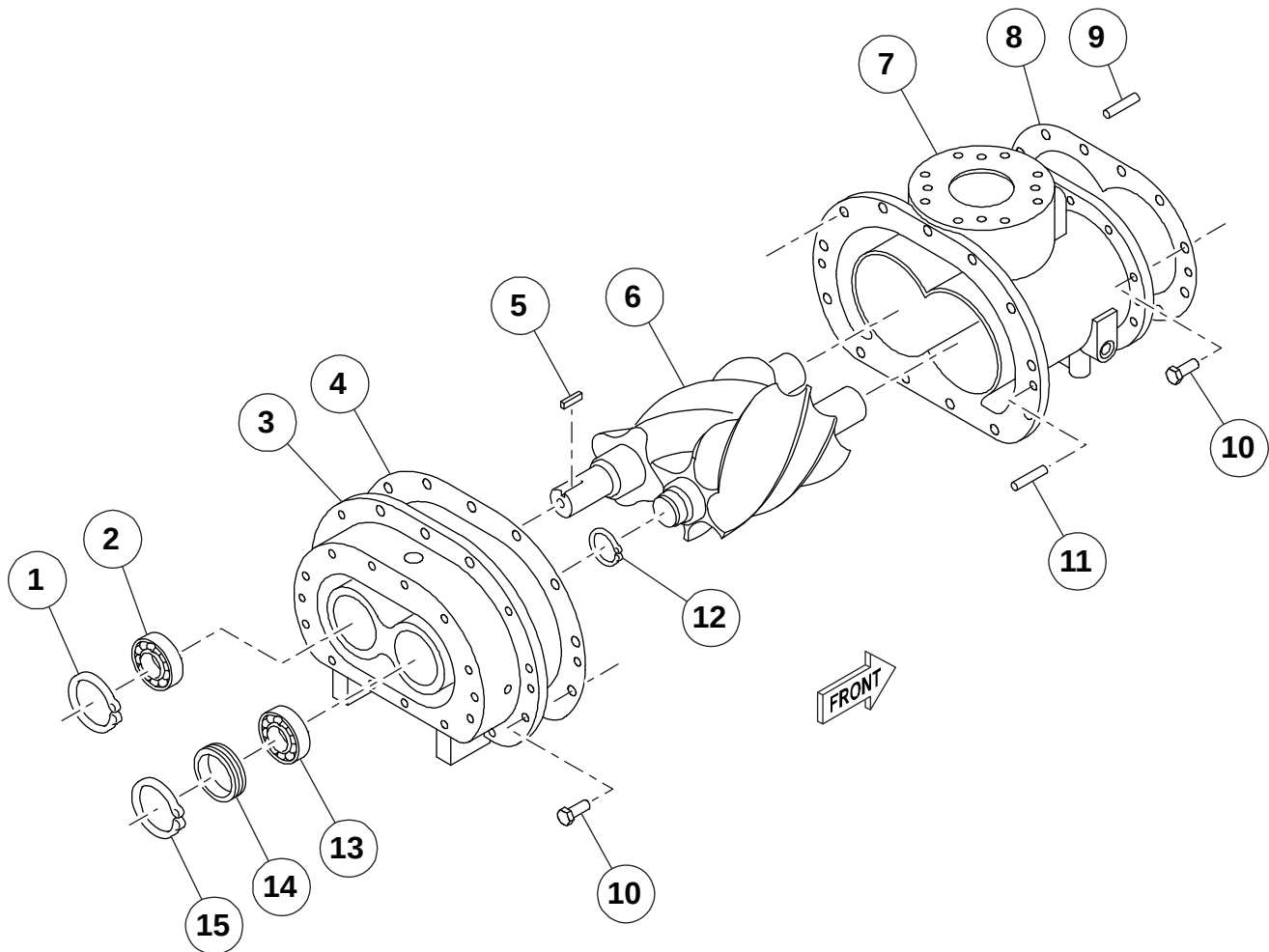
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36718492	Assembly, Unloader	1	
2	35316587	Adapter, Barbed, 1/8" NPT X 1/8"	1	
3	35289057	Plug, Hex, 7/16" - 20 w/O-Ring	1	
4	35843168	Flange, Unloader Inlet	1	
5	35588318	Gasket, Unloader Inlet		
6	35278555	Plug, Hex, 3/4" - 16 w/O-Ring	1	
7	35318914	Spring, Unloader Pin	1	
8	35317213	Pin, Unloader	1	
9	36718427	Body, Unloader	1	
10	35591122	Valve, Unloader	1	
11	35318013	Bushing, Piston Housing	1	
12	35318005	Bushing, Unloader Piston	2	
13	35321603	Spring, Compressor	1	
14	96702287	Screw, Hex, M10 - 1.5 X 25	6	
15	35588300	Gasket, Piston Housing	1	
16	35833227	Housing, Piston	1	
17	35323542	Adapter, Barbed, #10 - 32 X 1/8"	1	
18	35271162	Screw, Hex, M8 - 1.25 X 30	4	
19	35836949	Cover, Piston	1	
20	35321595	Screw, Button Socket, M10 - 1.5 X 16	1	
21	35317239	Washer, Piston, 1/2"	1	
22	35317197	Diaphragm, Unloader	1	
23	35588193	Piston, Unloader	1	
24	35322767	Spring, Piston	1	
25	35317205	Washer, Spacer, 1-3/16"	1	
26	96701750	Nut, Hex, M16 - 2.0	4	
27	35323450	Stud, Mounting, M16 - 2.0 X 55	4	
28	35589589	Gasket, Unloader	1	

Airend Assembly - Gear Case



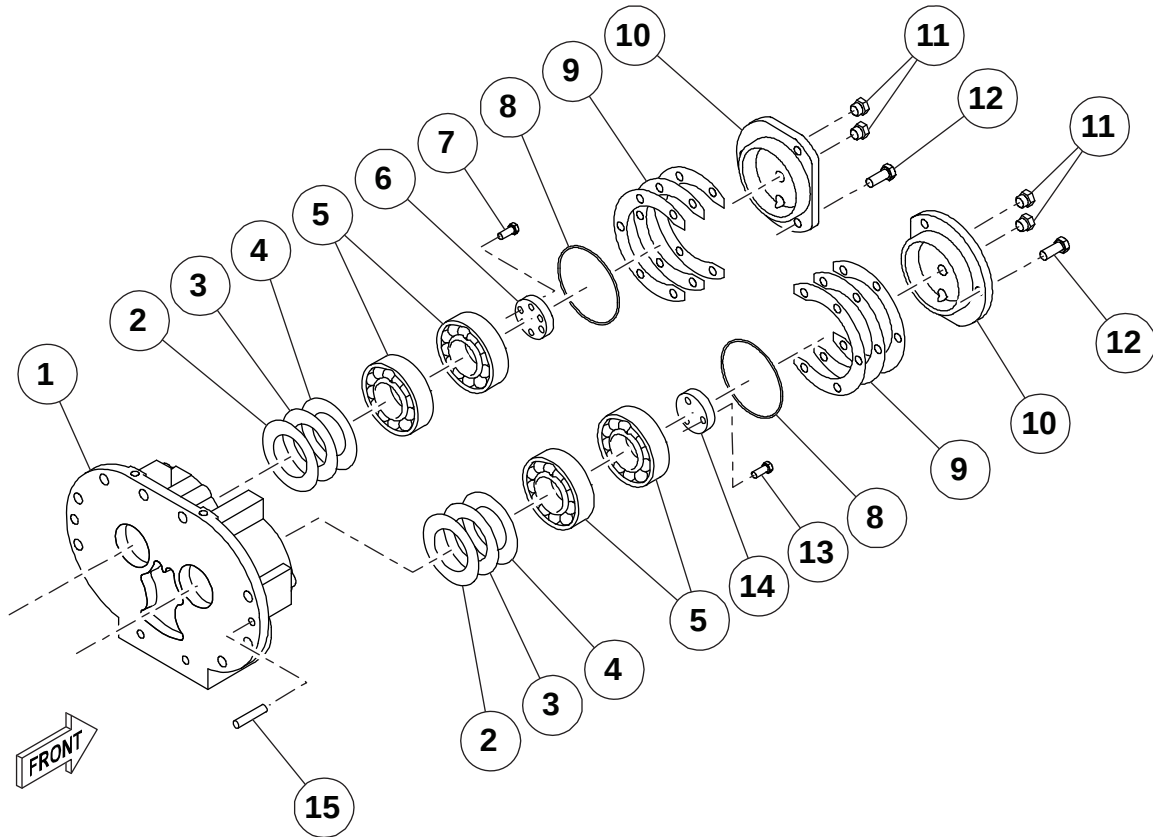
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36723641	Cover, Oil Seal	1	
2	95358024	O-Ring, 3"	1	
3	35593490	Seal, Oil	1	
4	96716162	Screw, Hex, M16 - 2.0 X 40	8	
5	96704036	Screw, Hex, M16 - 2.0 X 140	4	
6	39437637	Gasket, Gear Case	1	
7	36723641	Case, Gear	1	
8	36798346	Guard, Gear Case	2	
9	95078549	Pin, Dowel, 1/2" X 1-1/4"	2	
10	96702295	Screw, Hex, M10 - 1.5 X 25	4	
11	35108372	Screw, Hex, 1/2" - 13 X 1-1/4"	1	
12	35255827	Plate, Clamp	1	
13	22377949	Assembly, Gear Set, 178.5 mm - 1.465 Ratio	1	
14	35262716	Spacer, Shaft, Male Rotor	1	
15	36764827	Shaft, Drive	1	
16	35329192	Key, Coupling	1	
17	35313568	Bearing, Roller	1	
18	36764785	Cap, Guide	1	
19	35336304	Screw, Socket Head, M10 - 1.5 X 25	1	
20	35327626	Spacer, Bearing	1	
21	35327550	Screw, Socket Head, M8 - 1.25 X 70	4	
22	35326602	Plate, Retaining	1	
23	35327543	Bearing, Ball	1	

Airend Assembly - Rotor Housing



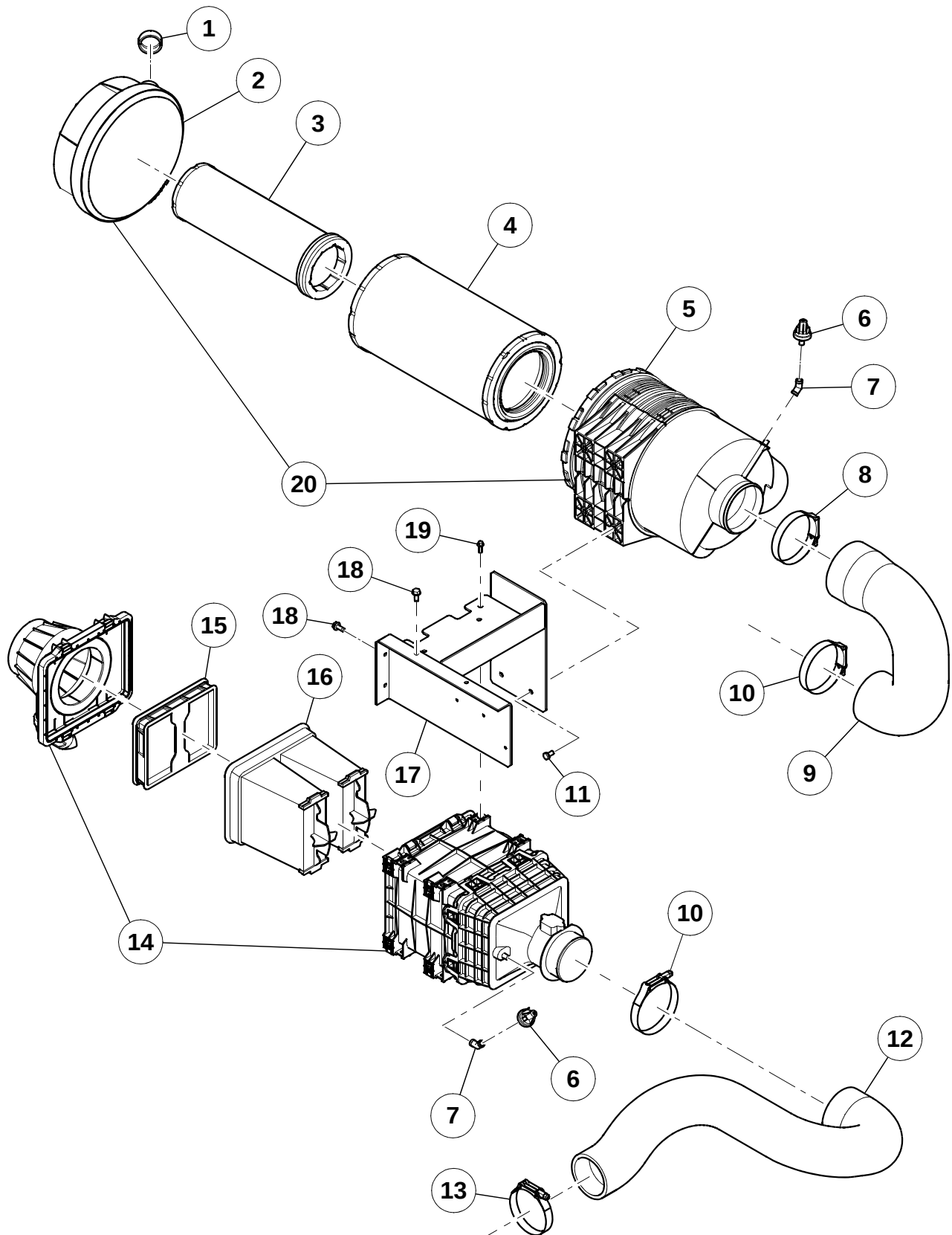
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	95223194	Ring, Snap	1	
2	35313535	Bearing, Roller	1	
3	39703921	Housing, Front Bearing	1	
4	35518497	Gasket, Front Bearing Housing	1	
5	95381109	Key, Square	1	
6	36008241	Set, Rotor, 178.5 mm	1	
7	39748942	Housing, Rotor	1	
8	39437629	Gasket, Rear Bearing Housing	1	
9	95239927	Pin, Dowel, 1/2" X 1-1/2"	2	
10	96716162	Screw, Hex, M16 - 2.0 X 40	25	
11	35332915	Pin, Locator	2	
12	95223806	Ring, Snap	1	
13	35609361	Bearing, Roller	1	
14	35270131	Spacer, Bearing	1	
15	95223178	Ring, Snap	1	

Airend Assembly - Bearing Housing



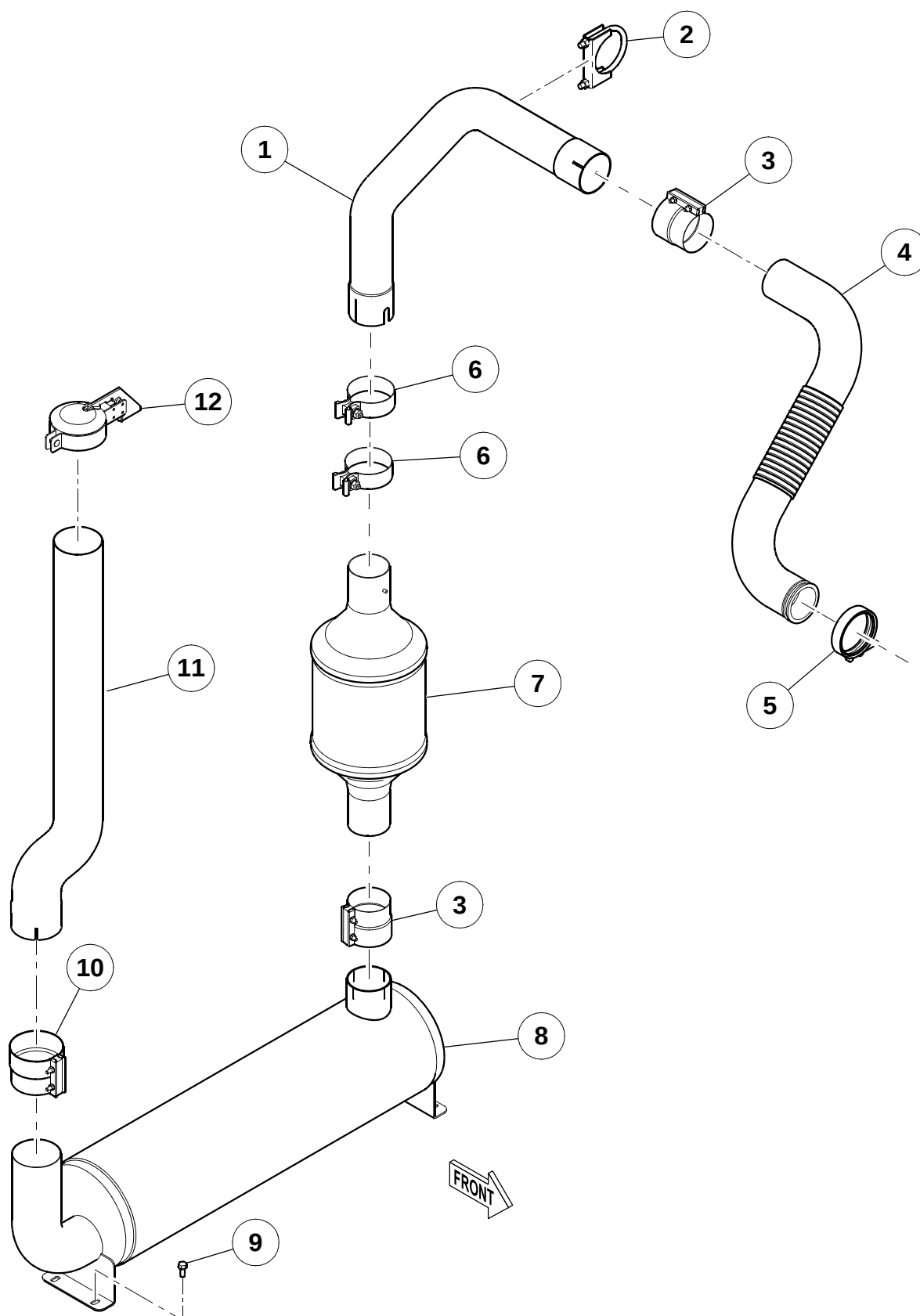
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36769404	Housing, Rear Bearing	1	
2	35313600	Shim, 0.002"	4	
3	35313618	Shim, 0.003"	4	
4	35364769	Shim, 0.010"	2	
5	39437595	Bearing, Roller	4	
6	39435441	Plate, Clamp	1	
7	95494167	Screw, Hex, 5/16" - 18 X 1-1/4"	8	
8	95358131	O-Ring, 4-7/8"	2	
9	35354448	Shim Set	2	
10	36500832	Cover, Rear Bearing	2	
11	95938213	Plug, Hex, 3/4"	4	
12	96712187	Screw, Hex, M12 - 1.75 X 30	6	
13	35104108	Screw, Hex, 3/8" - 16 X 1.25"	3	
14	35262690	Plate, Clamp	1	
15	35332915	Pin, Locator	2	

Air Intake and Air Cleaner Assembly



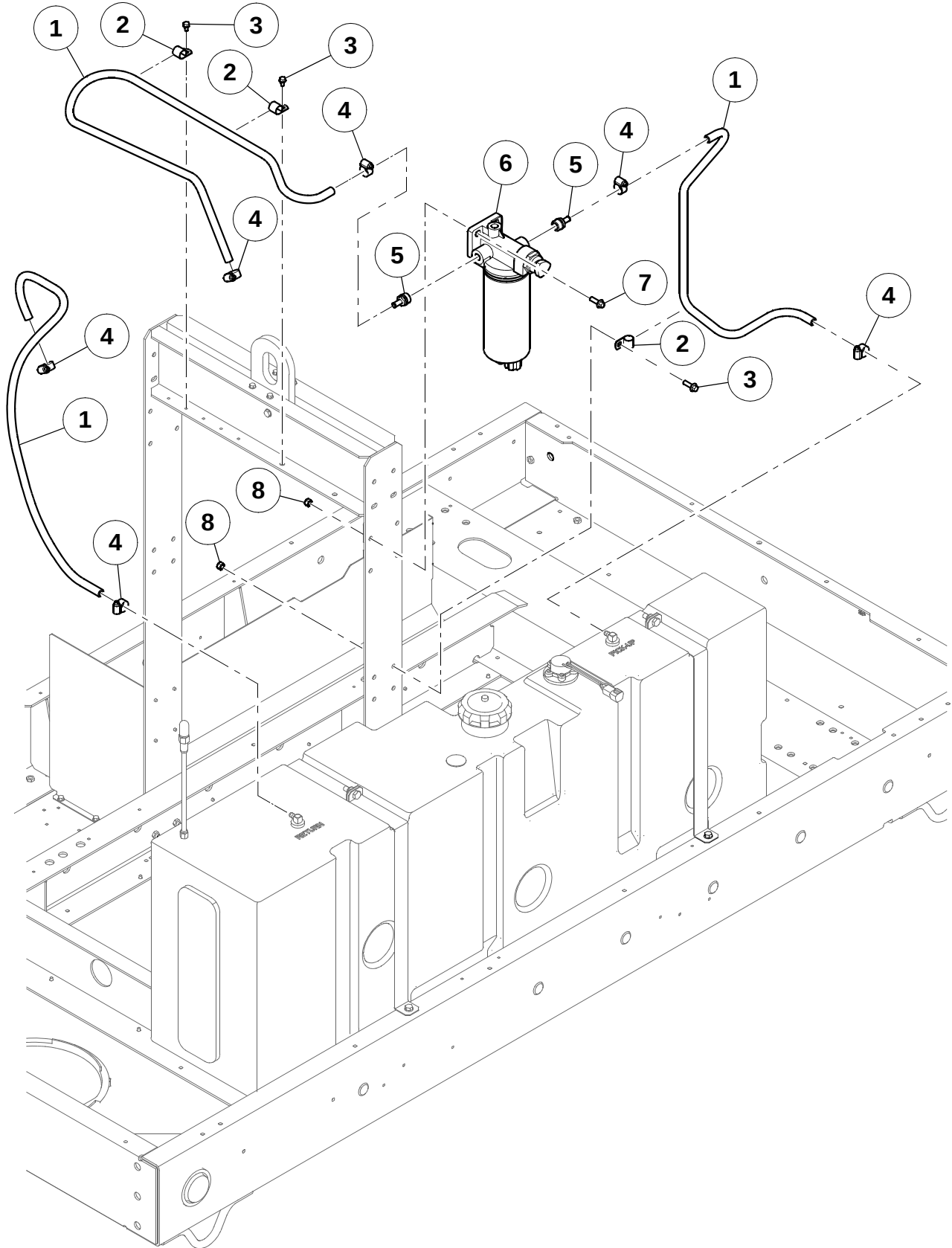
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35393677	Valve, Dust Ejector	1	
2	54692975	Cover, Air Cleaner	1	
3	54717152	Element, Filter, Air Cleaner Safety	1	
4	54717145	Element, Filter, Air Cleaner Primary	1	
5	54692967	Body, Air Cleaner	1	
6	36847838	Switch, Vacuum	2	
7	95956199	Elbow, 45 Deg., 1/8" NPT	2	
8	22067714	Clamp, T-Bolt	1	
9	22895460	Elbow, Airend Filter	1	
10	36897668	Clamp, T-Bolt	2	
11	96702816	Screw, Hex, M8 - 1.25 X 16	4	
12	46580959	Hose, Air Cleaner	1	
13	35279553	Clamp, T-Bolt	1	
14	46586939	Assembly, Air Cleaner, Direct Flow	1	
15	46595500	Element, Filter, Direct Flow Secondary	1	
16	46595499	Element, Filter, Direct Flow Primary	1	
17	46610099	Bracket, Air Cleaner	1	
18	35279025	Screw, Tapping, M8 - 1.25 X 20	4	
19	36898096	Screw, Hex Flange, M6 - 1.0 X 20	4	
20	54661889	Assembly, Air Cleaner	1	

Exhaust System



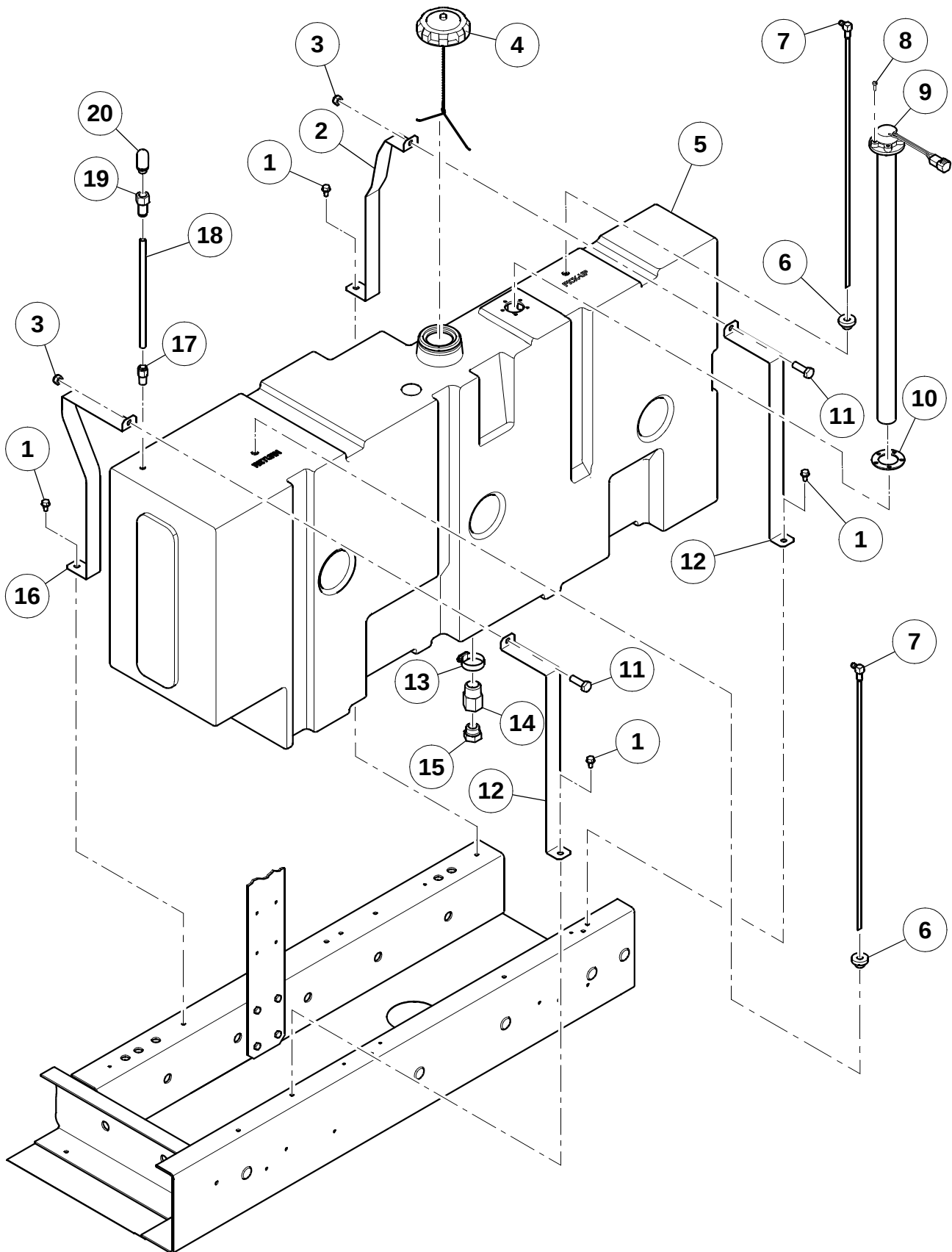
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46577659	Pipe, Exhaust	1	
2	35113646	Clamp, Saddle, 3" Dia.	1	
3	46588900	Clamp, Exhaust, 3" Dia.	2	
4	46572922	Pipe, Exhaust	1	
5	22658587	Clamp, 3" V-band	1	
6	46584939	Clamp, Exhaust Band, 3" Dia.	2	
7	46578519	Aftertreatment, Diesel Oxidation Catalyst (DOC)	1	
8	46571323	Muffler, Exhaust, 3" Inlet	1	
9	35279025	Screw, Tapping, M8 - 1.25 X 20	4	
10	46588899	Clamp, Exhaust, 3-1/2" Dia.	1	
11	22288062	Pipe, Exhaust	1	
12	36869337	Cap, Rain	1	

Fuel System - Piping



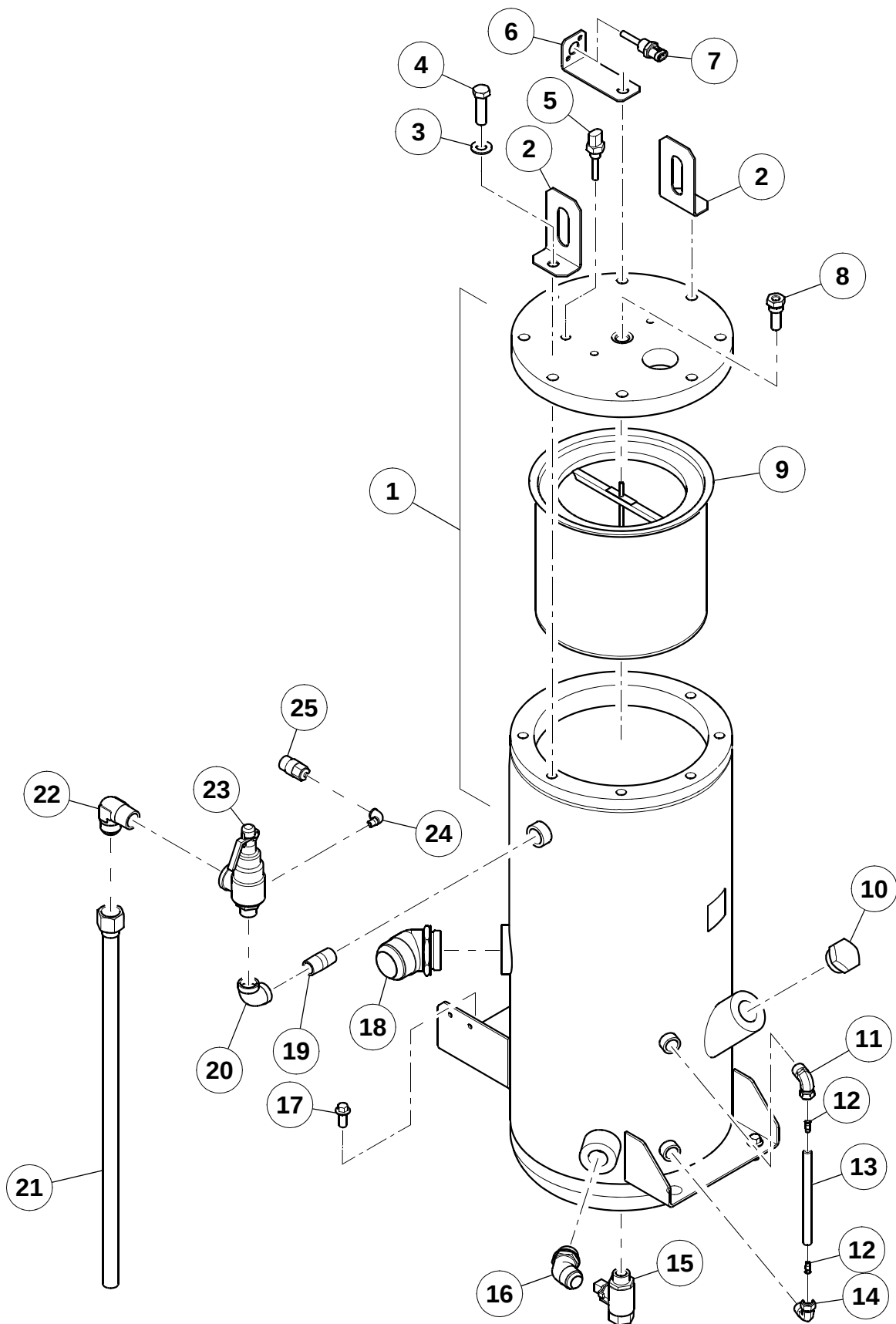
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35285600	Hose, Fuel, 3/8"	139	Measured in Inches
2	35225077	Clamp, Support, 5/8"	3	
3	36797652	Screw, Tapping, M6 - 1.0 X 12	1	
4	95264776	Clamp, Hose	6	
5	46590279	Fitting, Fuel, 3/8" Barb	2	
6	46554959	Filter, Fuel/Water Separator	1	
7	36889608	Screw, Hex Flange, M8 - 1.25 X 25	3	
8	36881886	Nut, Hex Flange, M8 - 1.25	3	

Fuel System - Mounting



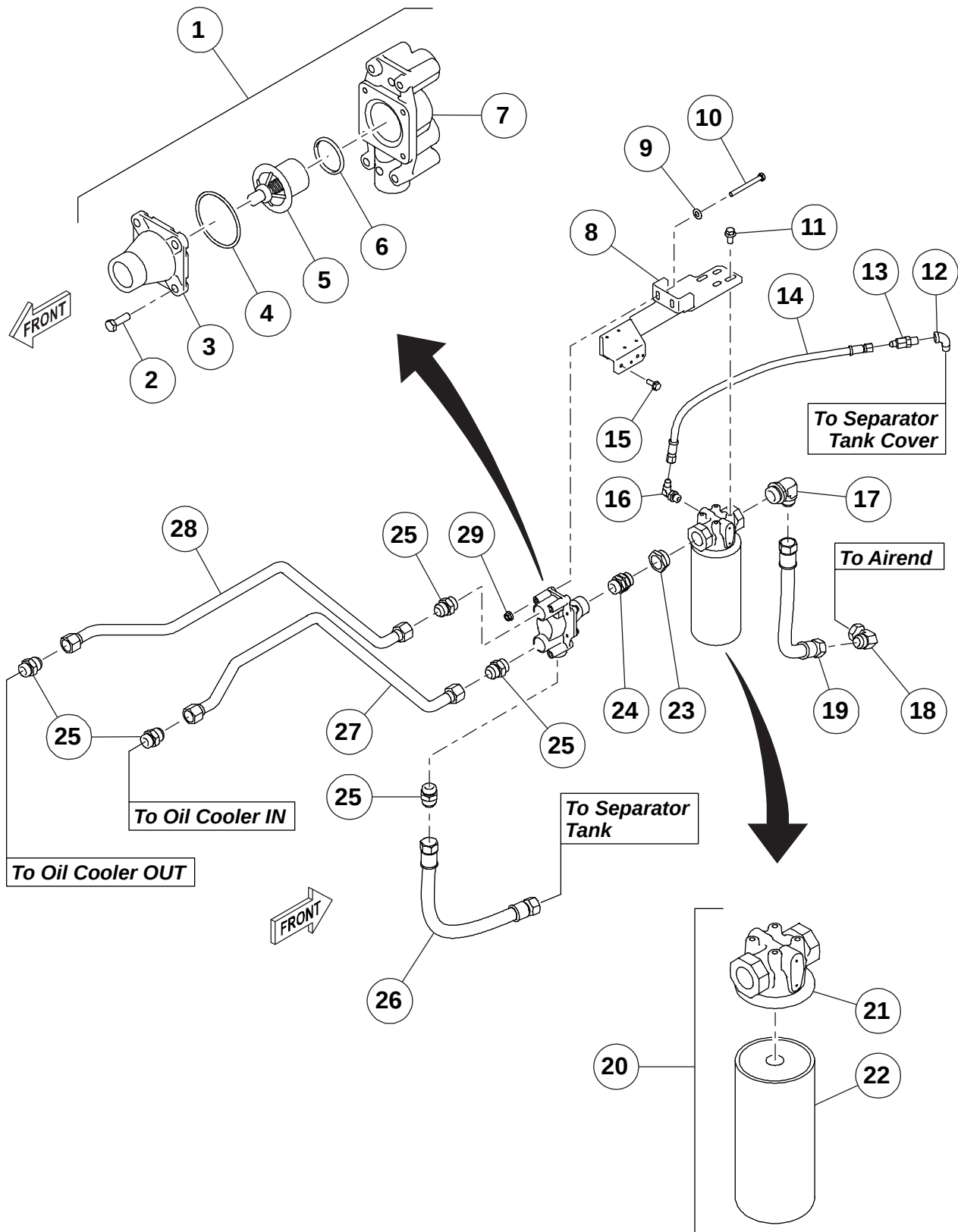
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35279025	Screw, Tapping, M8 - 1.25 X 20	4	Measured in Inches
2	46568222	Strap, Fuel Tank Mounting, Inside Rear	1	
3	35273366	Nut, Locking, M10 - 1.5	2	
4	46592220	Cap, Fuel Filler	1	
5	46574339	Tank, Fuel	1	
6	35384577	Bushing, Nitrile	2	
7	46578680	Pipe, Fuel Pickup/Return	2	
8	36842102	Screw, Tapping #10 - 32 X 1	5	
9	46570900	Sender, Fuel Level	1	
10	35361849	Gasket, Fuel Sender	1	
11	96701917	Screw, Hex, M10 - 1.5 X 30	2	
12	46568219	Strap, Fuel Tank Mounting, Outside	2	
13	95235131	Clamp, Hose	1	
14	46589599	Plug, w/O-Ring, 1-1/16" UNF	1	
15	46581679	Adapter, Drain, 1-1/16" UNF X 1" NPT	1	
16	46568221	Strap, Fuel Tank Mounting, Inside Front	1	
17	35369347	Connector, Male, 1/4" NPT X 3/8" Tube	1	
18	35356484	Tube, Vent	8.5	
19	35369339	Connector, Female, 1/4" NPT X 3/8" Tube	1	
20	35322395	Silencer, Vent	1	

Oil Separator - Tank Assembly, Mounting, and Piping



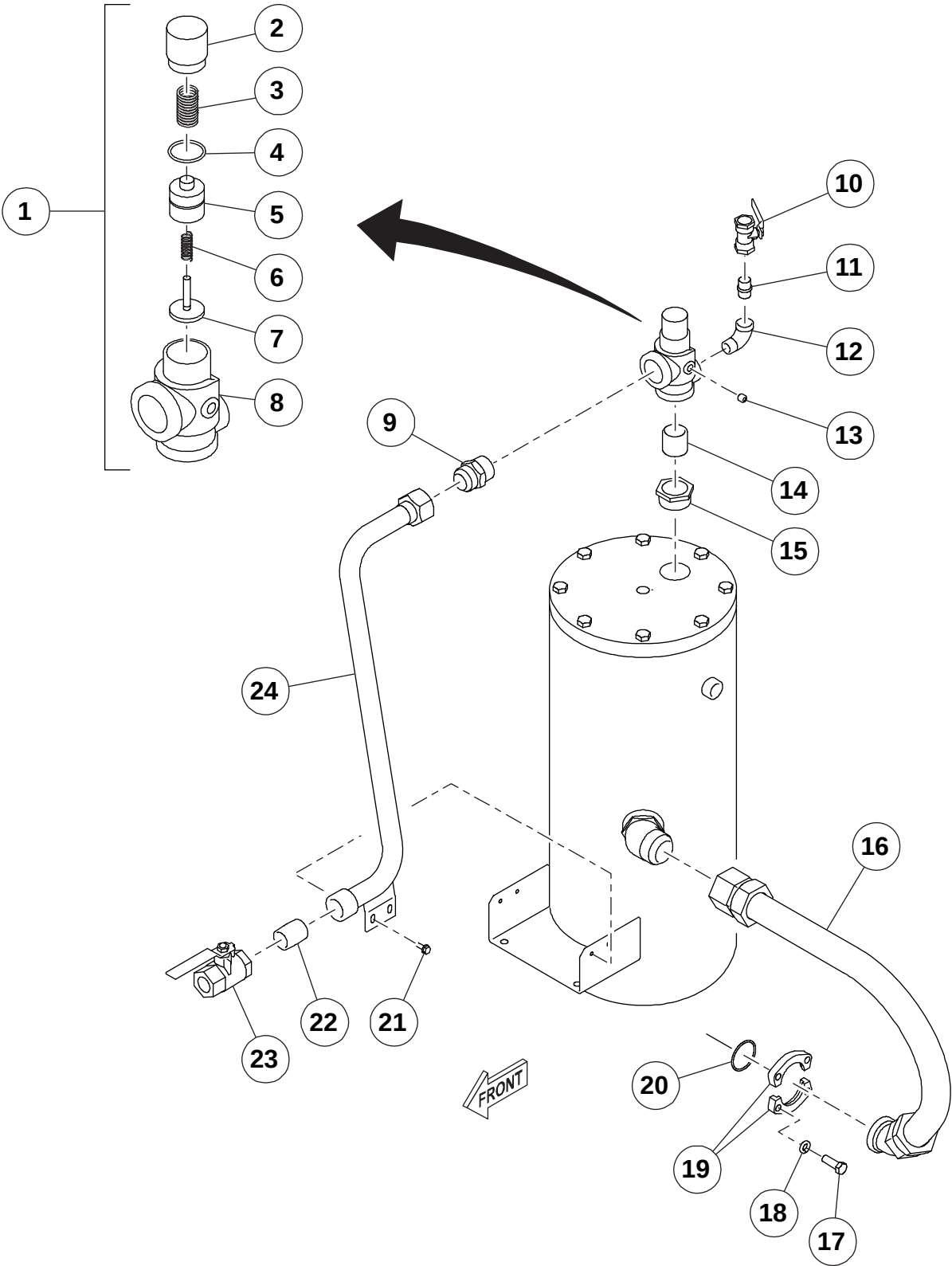
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46604460	Assembly, Oil Separator Tank	1	
2	36785012	Bracket, Separator Tank Lifting	2	
3	95935052	Washer, Flat, 5/8"	8	
4	46551912	Screw, Hex, M16 - 2.0 X 55	8	
5	23294820	Sensor, Temperature, 3/8" NPT	1	
6	46593759	Bracket, Ambient Temperature Sensor	1	
7	23294838	Sensor, Temperature, 1/2" NPT	1	
8	54721337	Adapter, Oil Scavenge	1	
9	22111975	Element, Oil Separator	1	
10	35579630	Plug, Hex, 1-5/8" w/O-Ring	1	
11	22685481	Elbow, 90 Deg., Compression	1	
12	22685507	Insert, Tube, 1/4"	2	
13	22685523	Tube, Sight Gauge	1	
14	22685499	Elbow, 90 Deg., Compression	1	
15	36795680	Valve, Ball	1	
16	95992632	Elbow, 45 Deg., 1-5/16" X 1"	1	
17	36888055	Screw, Hex Flange, M12 - 1.75 X 30	4	
18	95944732	Elbow, 45 Deg., 2" X -32 JIC	1	
19	95953576	Nipple, 3/4" X 2"	1	
20	95941241	Elbow, 90 Deg., 3/4" FNPT X 3/4" FNPT	1	
21	22060073	Tube, Discharge	1	
22	95937645	Elbow, 90 Deg., 1" NPT X -16 JIC	1	
23	54731443	Valve, Safety, 200 PSI	1	
24	95757183	Elbow, 90 Deg., Street	1	
25	46568519	Switch, Pressure, 12 PSI	1	

Oil Separator - Piping



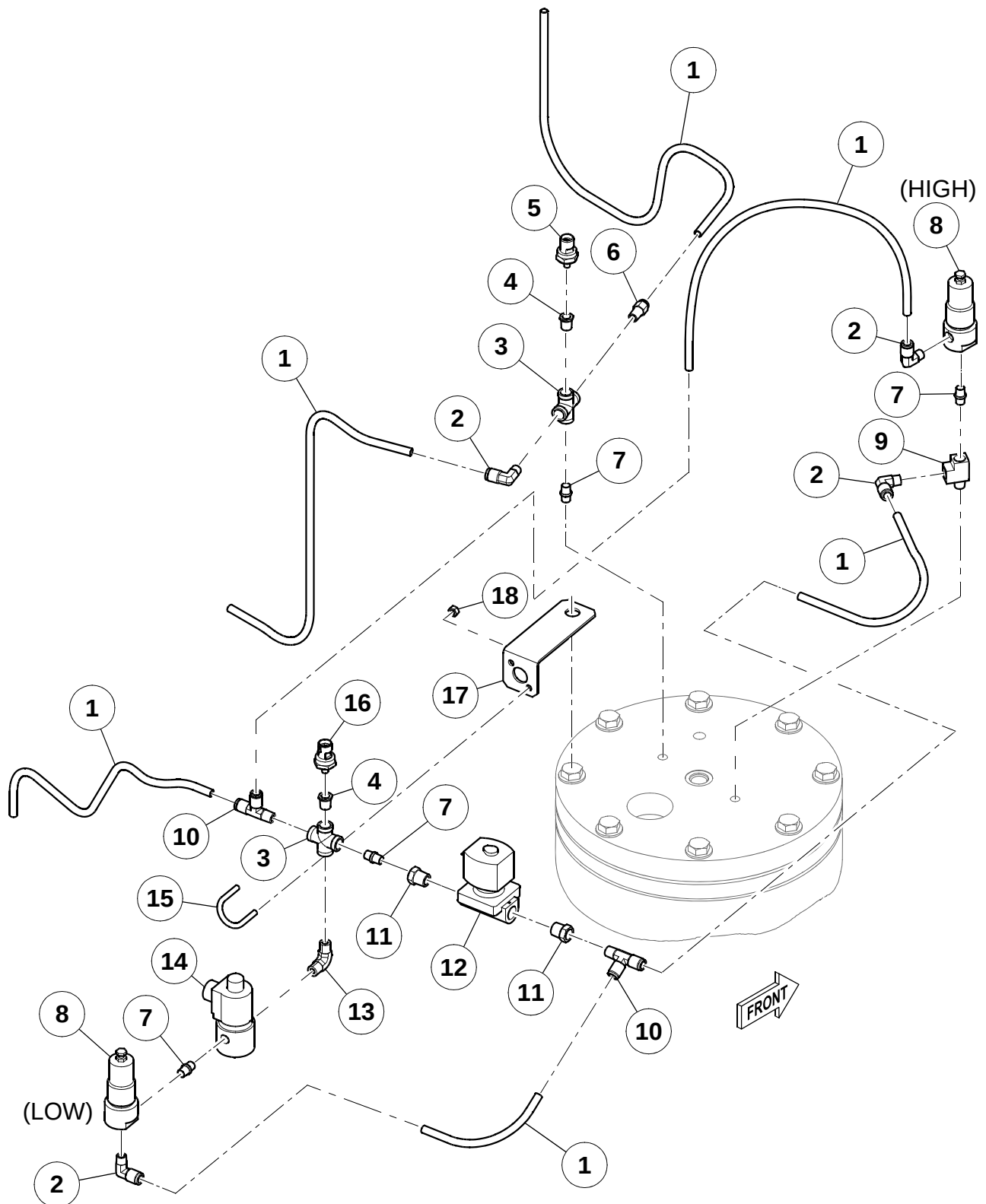
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	23137961	Assembly, Oil Temp Bypass Valve (OTBV)	1	
2	96702659	Screw, Hex, M8 - 1.25 X 25	4	
3	36876779	Cover, OTBV	1	
4	95022307	O-Ring, 2-5/8"	1	
5	22195820	Element, Thermal, 150 - 170 Deg. F	1	
6	36788172	Seal, U-Type, 1-5/8"	1	
7	23137821	Housing, OTBV	1	
8	36880367	Bracket, Oil Filter Support	1	
9	95935037	Washer, Flat, 3/8"	2	
10	35288422	Screw, Hex, M8 - 1.25 X 80	2	
11	35252493	Screw, Hex Flange, 3/8" - 16 X 3/4"	2	
12	95944666	Elbow, 90 Deg., 1/4" NPT X 1/4" FNPT	1	
13	36840411	Valve, Check, 1/4" Orifice	1	
14	35315407	Assembly, Hose, -4 JIC X 24"	1	
15	35279025	Screw, Tapping, M8 - 1.25 X 20	2	
16	95365094	Elbow, 90 Deg., 9/16" X -4 JIC	1	
17	95376133	Elbow, 90 Deg., 1-1/4" X -16 JIC	1	
18	35292051	Elbow, 90 Deg., -16 JIC	1	
19	35114149	Assembly, Hose, -16 JIC X 20-1/2"	1	
20	36897429	Assembly, Oil Filter	1	
21	36897437	Head, Oil Filter	1	
22	36897346	Element, Oil Filter	1	
23	95954913	Reducer, Female, 1-5/8" X 1-5/16"	1	
24	95954921	Union, Straight, 1-5/16"	1	
25	95955993	Connector, 1-5/16" X -16 JIC	5	
26	36788560	Assembly, Hose, -16 JIC X 28-1/2"	1	
27	46572919	Pipe, Oil Cooler IN	1	
28	46572920	Pipe, Oil Cooler OUT	1	
29	36881886	Nut, Hex Flange, M8 - 1.25	2	

Service Air - Standard Piping



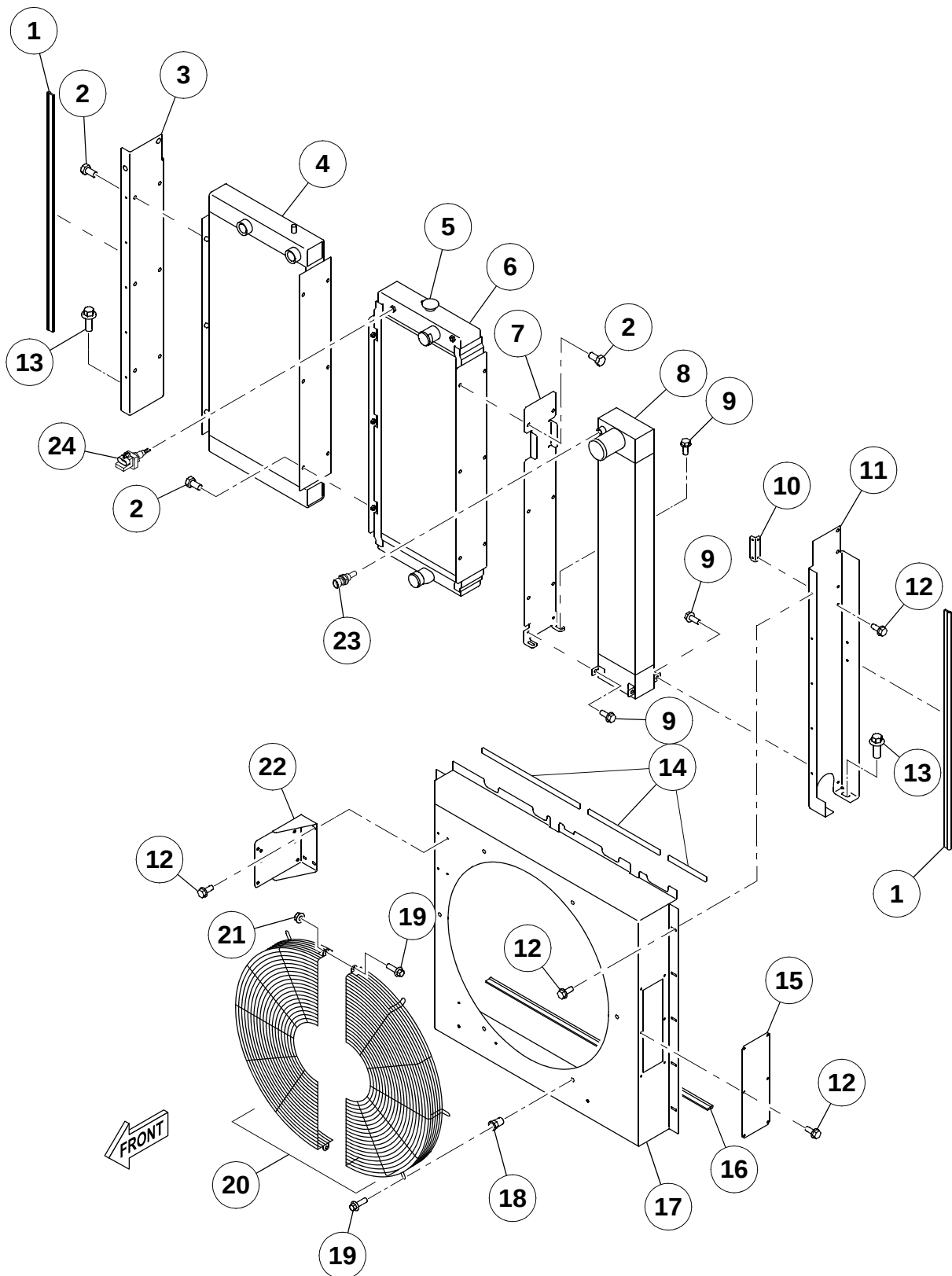
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22146641	Assembly, Minimum Pressure Valve (MPV)	1	
2	35380757	Cap, MPV	1	
3	35380740	Spring, Main	1	
4	35380724	O-Ring, 1-13/16"	1	
5	22146617	Piston, MPV	1	
6	35380732	Spring, Poppet	1	
7	22146633	Assembly, Poppet	1	
8	22146625	Body, MPV	1	
9	95208682	Adapter, 1-1/2" NPT X 1-1/2" Tube	1	
10	35576115	Valve, Ball, 3/4" NPT	1	
11	95928040	Nipple, 3/4" NPT	1	
12	95928172	Elbow, 90 Deg., 3/4" NPT X 3/4" FNPT	1	
13	95928230	Plug, Hex, 1/4" NPT	1	
14	95928032	Nipple, Pipe, 1-1/2" NPT	1	
15	95937462	Bushing, Reducer, 2" X 1-1/2" NPT	1	
16	54688015	Assembly, Discharge Hose	1	
17	96719810	Screw, Hex, M14 - 2.0 X 40	4	
18	95934683	Washer, Locking, 9/16"	4	
19	35292143	Flange, Mounting, Half	2	
20	95357976	O-Ring, 2-1/4"	1	
21	35279025	Screw, Tapping, M8 - 1.25 X 20	2	
22	95953600	Nipple, 1-1/4" NPT	1	
23	35612126	Valve, Ball, 1-1/4" NPT	1	
24	46597119	Pipe, Service Air	1	

Service Air - Regulation



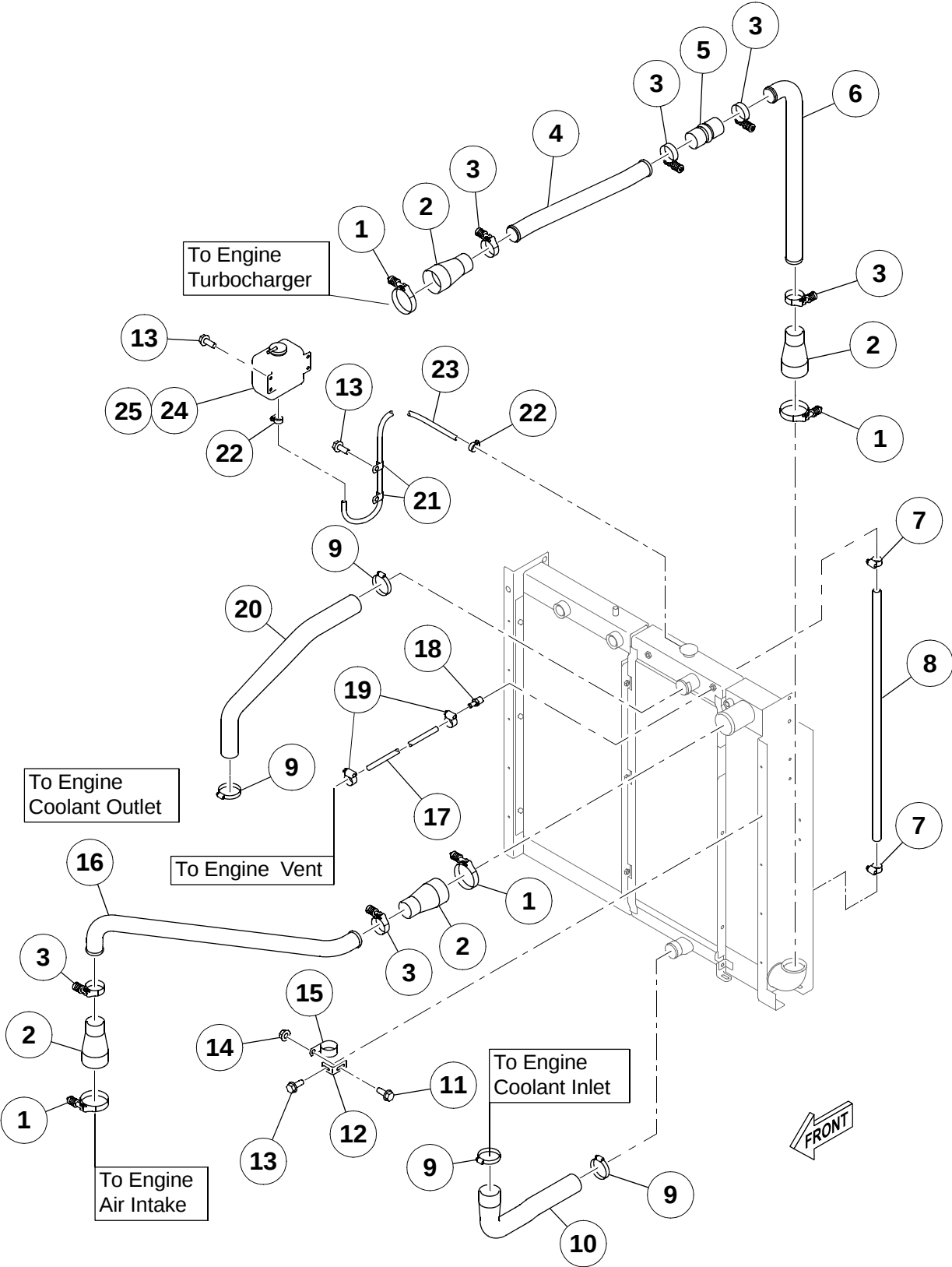
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35356484	Tube, Flexible, 3/8"	94	Measured in Inches
2	35369354	Elbow, 90 Deg., Male, 1/4" NPT X 3/8" Tube	4	
3	95954293	Cross, Pipe, 1/4" NPT	2	
4	95930301	Bushing, Reducer, 1/4" X 1/8"	2	
5	54496773	Transducer, Pressure, 0 - 225 PSIG	1	
6	35369347	Connector, Male, 1/4" NPT X 3/8" Tube	1	
7	95944575	Nipple, Pipe, 1/4" NPT	4	
8	36896892	Regulator, Pressure, 200 PSI	2	
9	35114545	Tee, Street, 1/4" NPT	1	
10	35369503	Tee, Male, 1/4" NPT X 3/8" Tube	2	
11	95940748	Bushing, Reducer, 3/8" NPT X 1/4" NPT	2	
12	36840841	Valve, Solenoid, 24V	1	
13	95364469	Elbow, 90 Deg., 1/4" NPT X 1/4" NPT	1	
14	46578941	Valve, Solenoid, 24V	1	
15	35166404	U-Bolt, 1-1/2", 1/4" - 20	1	
16	36920825	Transducer, Pressure, 0 - 100 PSIG	1	
17	46593759	Bracket, Ambient Temp	1	
18	35144492	Nut, Hex, 1/4" - 20	2	
19	23366669	Decal, High/Low	1	

Cooling System - Components



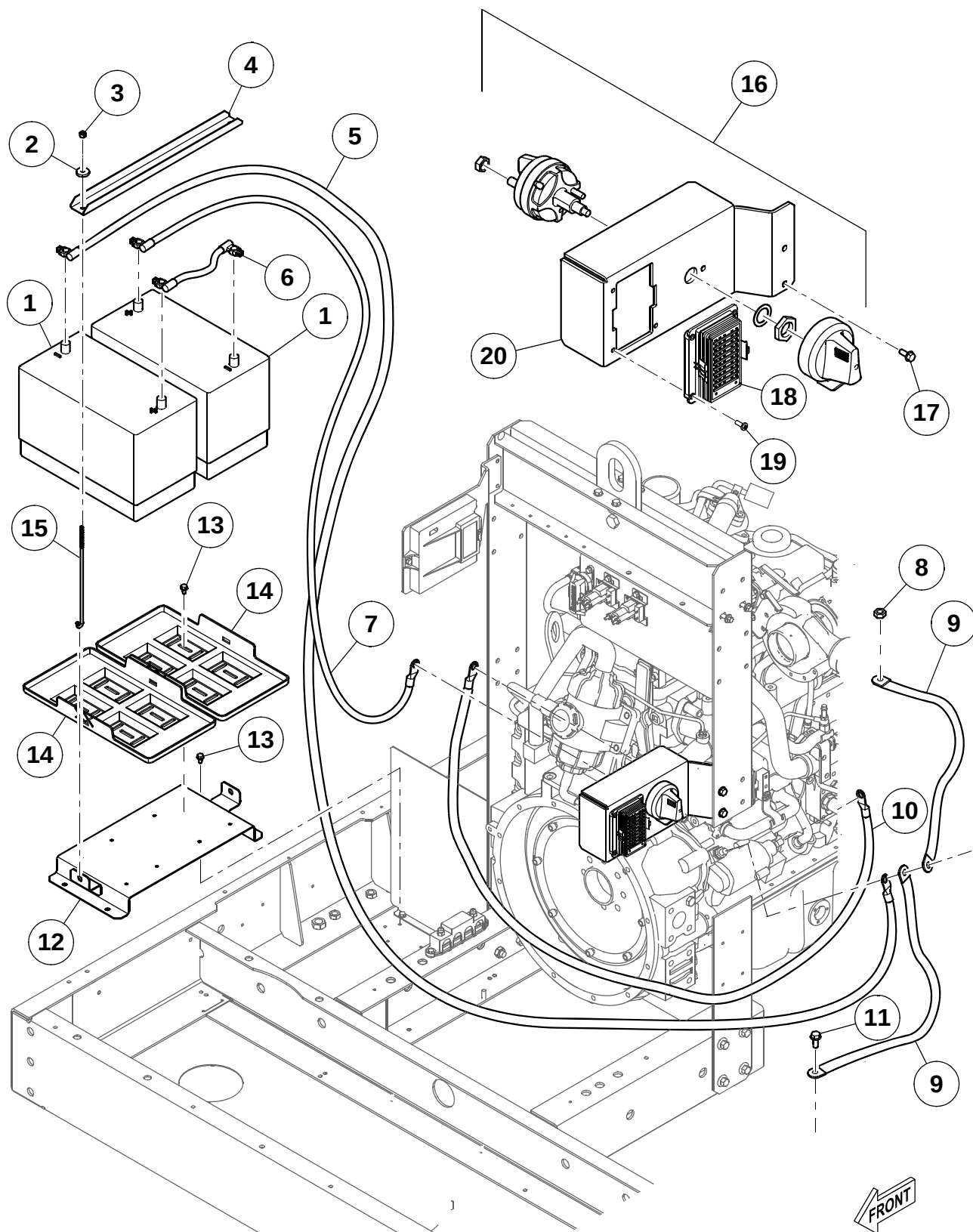
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46595919	Seal, Strip, 39-1/2"	2	
2	96702279	Screw, Hex, M10 - 1.5 X 20	18	
3	46572761	Bracket, Cooler, Curbside	1	
4	46569980	Cooler, Oil	1	
5	23264096	Cap, Radiator, 16 PSI	1	
6	46569979	Radiator, Coolant	1	
7	46572764	Bracket, CAC	1	
8	46569981	Cooler, Charge Air (CAC)	1	
9	35279025	Screw, Tapping, M8 - 1.25 X 20	6	
10	46575639	Bracket, CAC Support	2	
11	46572762	Bracket, Cooler, Streetside	1	
12	36797652	Screw, Tapping, M6 - 1.0 X 12	30	
13	36888055	Screw, Hex Flange, M12 - 1.75 X 30	4	
14	35140409	Strip, Foam, Adhesive-Backed	40	
15	22746630	Panel, Access	2	
16	46595920	Seal, Strip, 43"	1	
17	46572759	Shroud, Fan	1	
18	36895746	Nutsert, Hex, M8 - 1.25	6	
19	36889608	Screw, Hex Flange, M8 - 1.25 X 25	8	
20	46575479	Guard, Fan, 32"	1	
21	36881886	Nut, Hex Flange, M8 - 1.25	2	
22	46576079	Bracket, Recovery Bottle	1	
23	46571299	Sensor, CAC Temperature	1	
24	22769186	Sensor, Coolant Level	1	

Cooling System - Piping



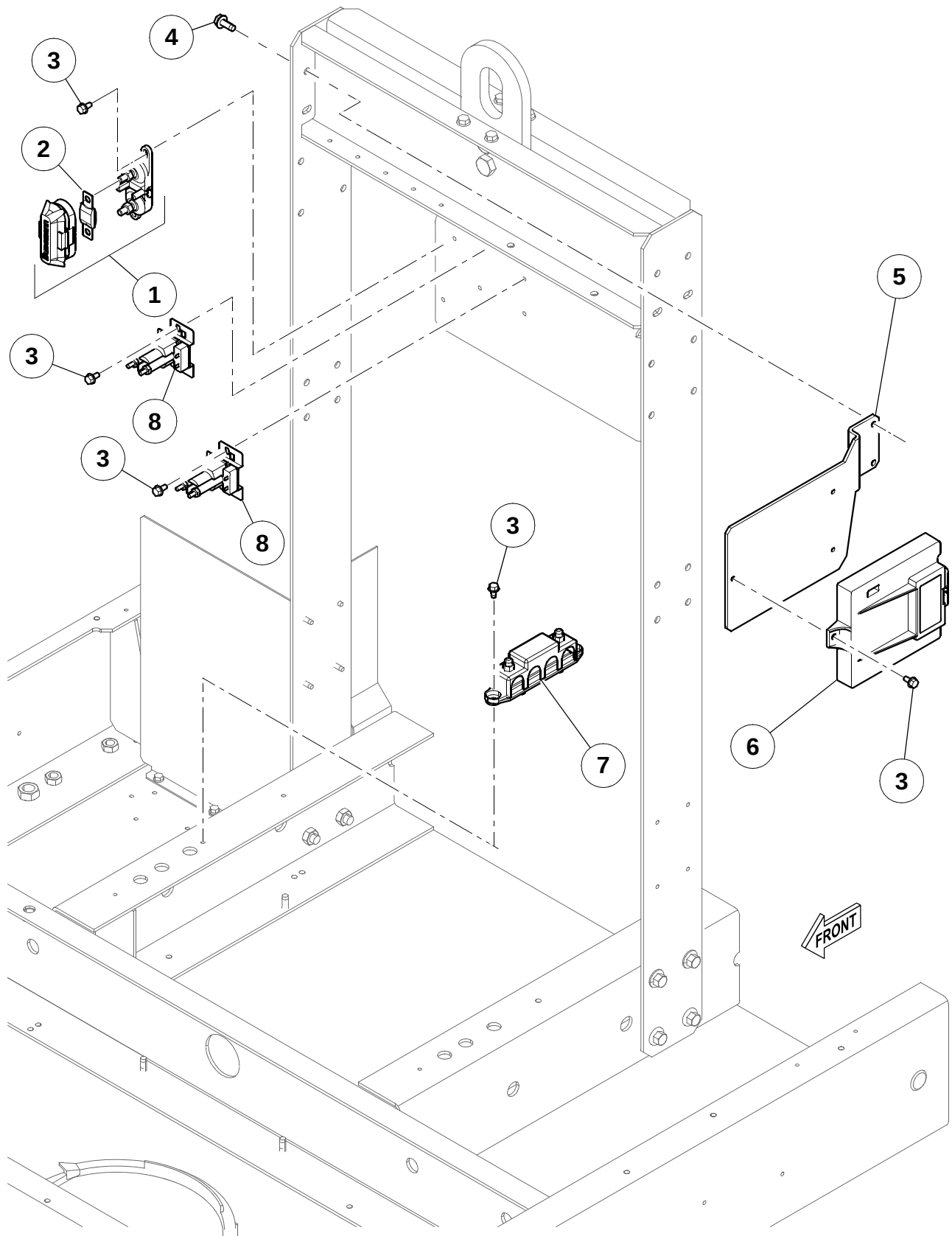
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46490835	Clamp, Spring Loaded T-Bolt, 3-1/4"	4	Measured in Inches
2	22940639	Reducer, 76.2 mm X 50.8 mm	4	
3	22189302	Clamp, Spring Loaded T-Bolt, 2-1/8"	6	
4	46572923	Pipe, CAC Out, 2"	1	
5	22940621	Connector, Flexible, 2"	1	
6	22174742	Pipe, CAC, 2"	1	
7	95220851	Clamp, Hose	2	
8	35286327	Hose, 3/4"	37.5	
9	35221639	Clamp, Hose	4	
10	46572924	Hose, Radiator Bottom	1	
11	92398130	Screw, Hex Flange, M8 - 1.25 X 20	1	Measured in Inches
12	46571322	Bracket, CAC Pipe Clamp	1	
13	36797652	Screw, Tapping, M6 - 1.0 X 12	7	
14	36881886	Nut, Hex Flange, M8 - 1.25	1	
15	35119718	Clamp, Support, 2"	1	
16	46572921	Pipe, CAC In, 2"	1	
17	35285600	Hose, Fuel, 3/8"	32	
18	35369511	Adapter, Barbed, 5/16" X 1/4" NPT	1	
19	95264776	Clamp, Hose	2	
20	46572925	Hose, Radiator Top	1	
21	35225093	Clamp, Support, 1/2"	2	Measured in Inches
22	35296342	Clamp, Hose	2	
23	35363498	Hose, Fuel, 5/16"	62.5	
24	36884948	Bottle, Recovery	1	
25	36136562	Cap, Overflow	1	

Electrical and Instrumentation System - Battery Mounting



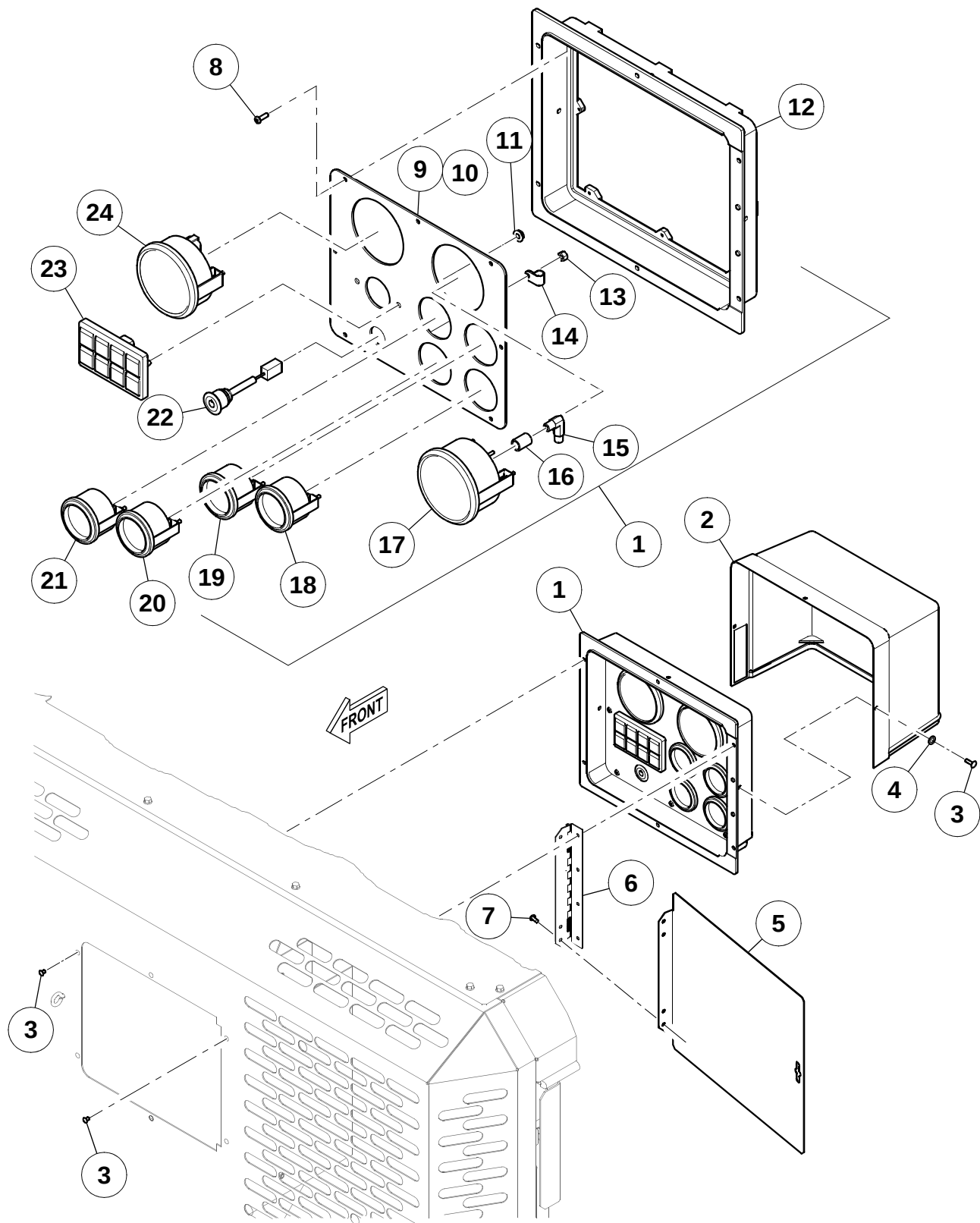
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36844975	Battery, 12V	2	
2	36853265	Washer, Plastic	2	
3	95923298	Nut, Locking, 1/4" - 20	2	
4	22431936	Hold-Down, Battery	1	
5	46592122	Cable, Battery Negative, 1350 mm	1	
6	22192801	Cable, Battery Jumper, 270 mm	1	
7	46592120	Cable, Battery Positive, 1300 mm	1	
8	36881886	Nut, Hex Flange, M8 - 1.25	1	
9	23232762	Strap, Ground, 30"	2	
10	46592121	Cable, Battery Positive, 775 mm	1	
11	35130293	Screw, Tapping, 3/8" - 16 X 3/4"	1	
12	22425821	Bracket, Battery Mounting	1	
13	36797652	Screw, Tapping, M6 - 1.0 X 12	12	
14	36878064	Tray, Battery	2	
15	36860005	Bolt, J	2	
16	46556146	Switch, Battery Disconnect	1	
17	35279025	Screw, Tapping, M8 - 1.25 X 20	2	
18	46556356	Block, Fuse	1	
19	95942595	Screw, Pan Head, 3/16" - 32 X 1/2"	4	
20	46584720	Bracket, Battery Disconnect	1	

Electrical and Instrumentation System - Relays and Controller



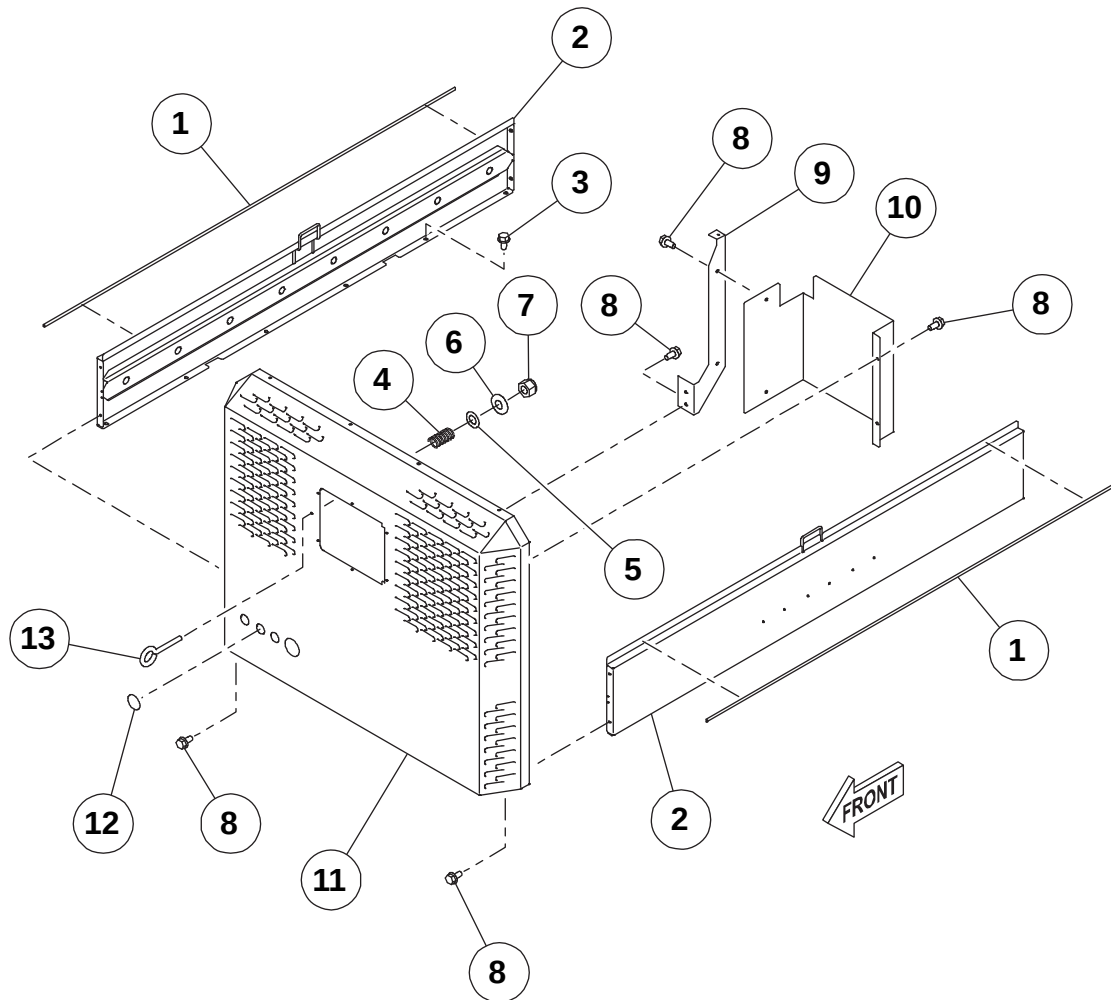
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	45671534	Holder, Fuse	1	
2	46556477	Fuse, 150 A	1	
3	36797652	Screw, Tapping, M6 - 1.0 X 12	11	
4	35279025	Screw, Tapping, M8 - 1.25 X 20	2	
5	46587879	Bracket, Titan Controller Mounting	1	
6	46551938	Assembly, Titan Controller	1	
7	46567039	Block, Terminal	1	
8	36853521	Relay, 100 A, 24 V	2	Not Shown
	46586199	Harness, Engine Intake Heater	1	

Electrical and Instrumentation System - Control Panel Assembly



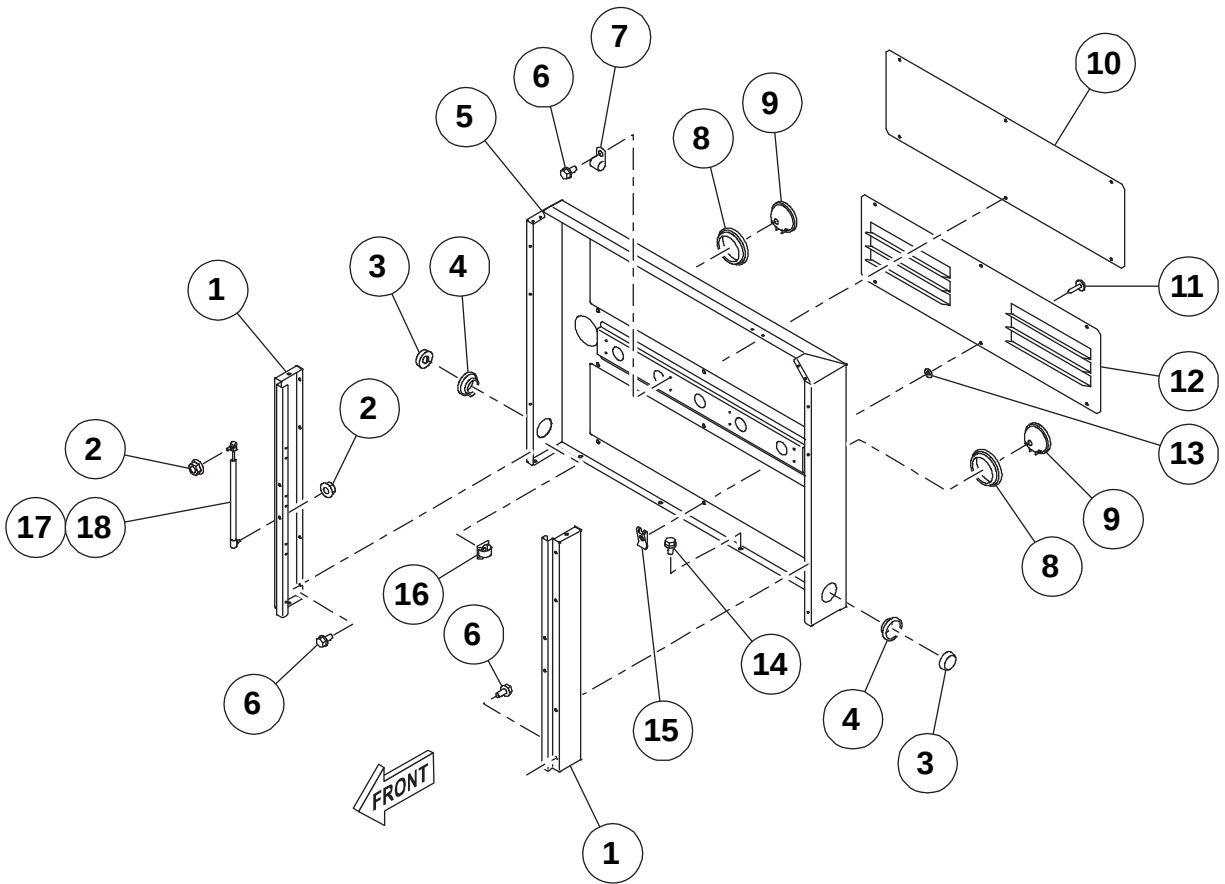
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46586259	Assembly, Control Panel	1	
2	22058325	Cover, Control Panel	1	
3	46604239	Rivet, 3/16"	11	
4	95954251	Washer, Flat, 3/16"	3	
5	54743265	Door, Control Panel	1	
6	22107478	Hinge, Spring, Control Panel	1	
7	36877587	Rivet, 3/16"	4	
8	22070494	Screw, Pan Head, #8 - 32 X 5/8"	8	
9	46575559	Panel, Control, Mid-Range	1	
10	46595839	Decal, Control Panel	1	
11	36898104	Nut, Hex Flange, M6 - 1.0	2	
12	54749601	Frame, Control Panel	1	
13	95928800	Nut, Locking, #10 - 32	2	
14	46564985	Clamp, Cable, 3/8"	2	
15	35369354	Elbow, 90 Deg., 1/4" NPT X 3/8" Tube	1	
16	95935607	Coupling, Pipe, 1/4" NPT	1	
17	46558800	Gauge, Pressure 0 - 300 PSI	1	
18	46558804	Gauge, Engine Coolant Temperature	1	
19	46558803	Gauge, Engine Oil Pressure	1	
20	46565479	Gauge, Fuel Level	1	
21	46558806	Gauge, Airend Discharge Temperature	1	
22	46605159	Switch, SPST, Power ON/OFF	1	
23	46585699	Keypad, Control	1	
24	46594639	Gauge, Tachometer	1	
	46582503	Harness, Control Panel Electrical	1	Not Shown
	23091804	Terminator, 120 Ohm	1	Not Shown
	46599319	Kit, Tachometer Connector Repair	1	Not Shown

Enclosure Assembly - Front



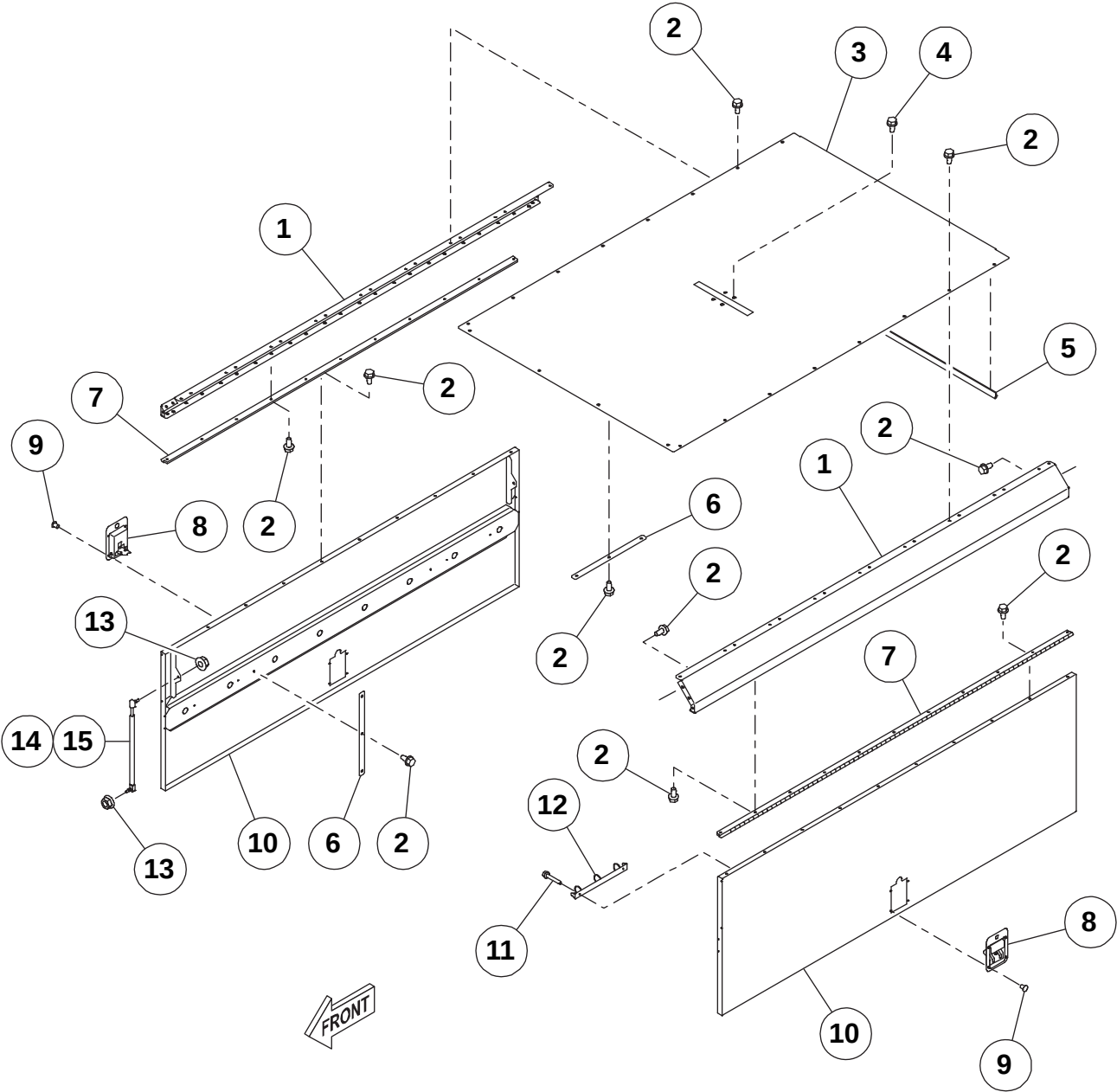
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22068373	Seal, Door	13	Measured in Feet
2	54694823	Panel, Lower Side	2	
3	35279025	Screw, Tapping, M8 - 1.25 X 20	12	
4	35607837	Spring, Eyebolt	1	
5	36772028	Washer, Wear	1	
6	95935029	Washer, Flat, 1/4"	1	
7	95923298	Nut, Locking, 1/4" - 20	1	
8	36797652	Screw, Tapping, M6 - 1.0 X 12	10	
9	54737622	Bracket, Mounting, Front Intake Baffle	1	
10	22070908	Baffle, Front Aftercooler Intake	1	
11	46599299	Panel, Front	1	
12	35285543	Plug, Hole, 1-1/2"	3	
13	35607829	Bolt, Eye, 1/4" - 20 X 2-1/2"	1	

Enclosure Assembly - Rear



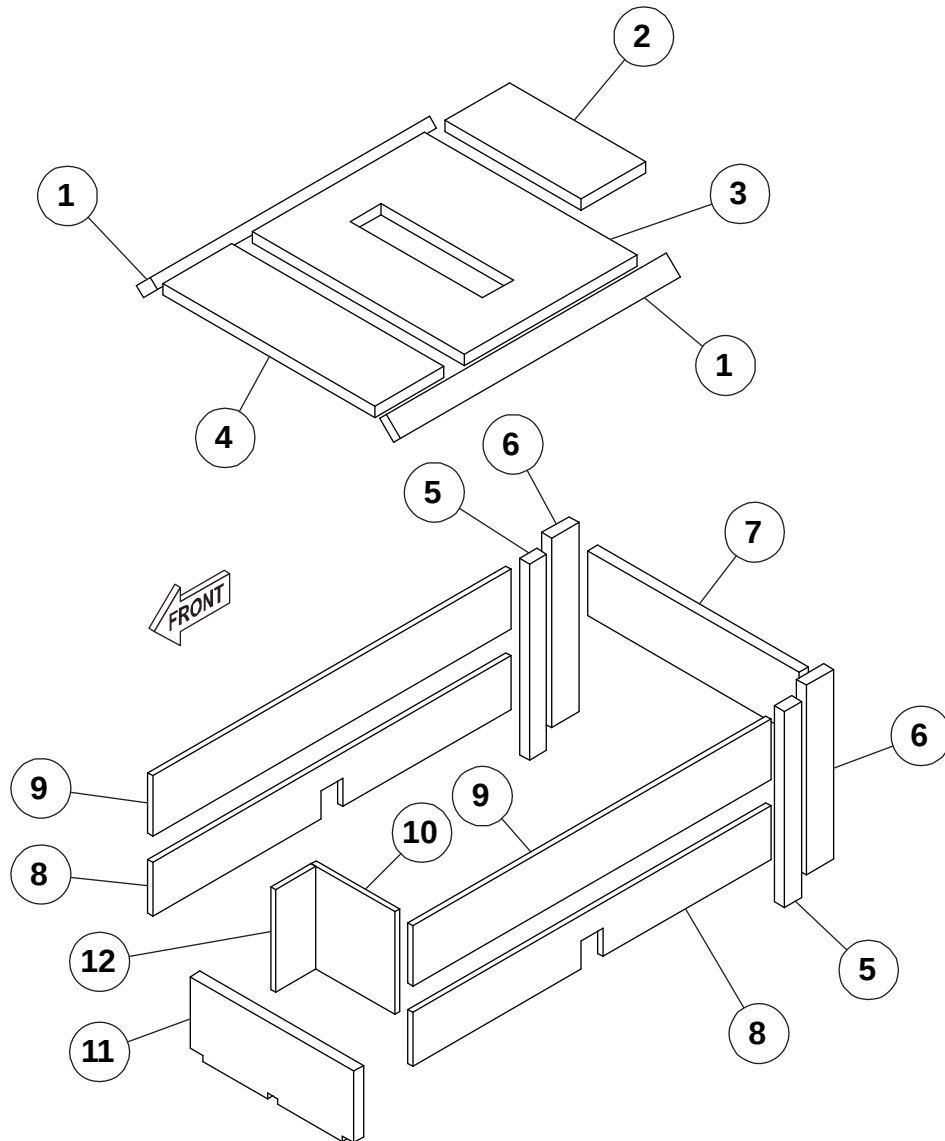
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	23275944	Panel, Side Filler	2	
2	36881886	Nut, Hex Flange, M8 - 1.25	4	
3	35367044	Lamp, Clearance, Red	2	
4	36893634	Grommet, Clearance Lamp	2	
5	46544896	Panel, Rear	1	
6	36797652	Screw, Tapping, M6 - 1.0 X 12	20	
7	35225077	Clamp, Support	4	
8	36787968	Grommet, Combination Lamp	2	
9	36788081	Lamp, Combination	2	
10	54694831	Panel, Rear Access	1	
11	35256429	Stud, Quick-Release, 1/4"	12	
12	54760483	Panel, Louvered Access	1	
13	35256445	Retainer, Stud	12	
14	35279025	Screw, Tapping, M8 - 1.25 X 20	6	
15	35256452	Receptacle, Clip-On	12	
16	35356583	Clamp, Adjustable, Adhesive-Backed	2	
17	35600261	Spring, Gas, 85 lb.	2	
18	35337328	Stud, Ball, M8 - 1.25	4	

Enclosure Assembly - Middle



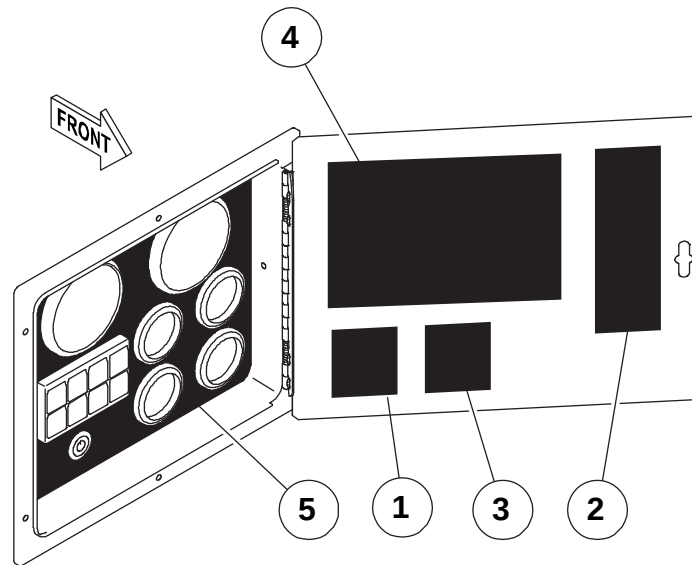
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	23275969	Panel, Top Rail	2	
2	36797652	Screw, Tapping, M6 - 1.0 X 12	80	
3	46597479	Panel, Roof	1	
4	35279025	Screw, Tapping, M8 - 1.25 X 20	4	
5	46595920	Seal, Strip, 43"	1	
6	54718184	Strap, Foam Retention	8	
7	54639174	Hinge, Side Door	2	
8	36793602	Latch, Door	2	
9	36794816	Rivet, 1/8"	8	
10	54629993	Panel, Side Door	2	
11	22068282	Screw, Tapping, M4 X 25	2	
12	23233059	Binder, 3-Ring, 1-1/2"	1	
13	36881886	Nut, Hex Flange, M8 - 1.25	4	
14	35600261	Spring, Gas, 85 lb.	2	
15	35337328	Stud, Ball, M8 - 1.25	4	

Acoustic Panels

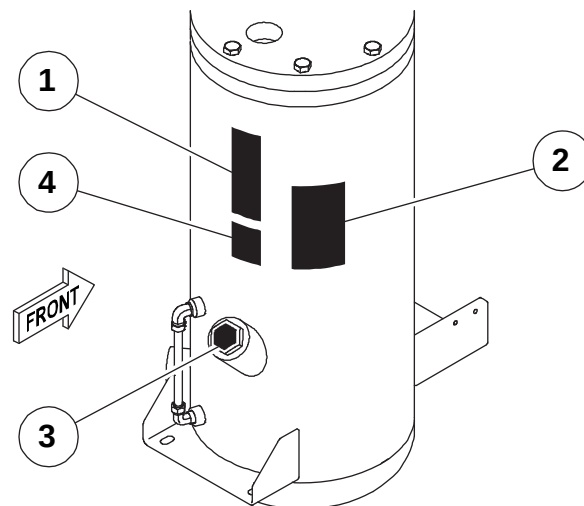


ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46592500	Panel, Acoustic, Top Rail	2	
2	54675061	Panel, Acoustic, Rear Roof	1	
3	54675079	Panel, Acoustic, Middle Roof	1	
4	54675053	Panel, Acoustic, Front Roof	1	
5	54746516	Panel, Acoustic, Rear Intermediate	2	
6	46546214	Panel, Acoustic, Rear Side	2	
7	54674957	Panel, Acoustic, Rear Top	1	
8	54675020	Panel, Acoustic, Bottom Door	2	
9	54675046	Panel, Acoustic, Upper Door	2	
10	22074504	Panel, Acoustic, Intake Baffle Front	1	
11	54674916	Panel, Acoustic, Front Bottom	1	
12	22074488	Panel, Acoustic, Intake Baffle Side	1	

Decals - Control Panel and Oil Separator

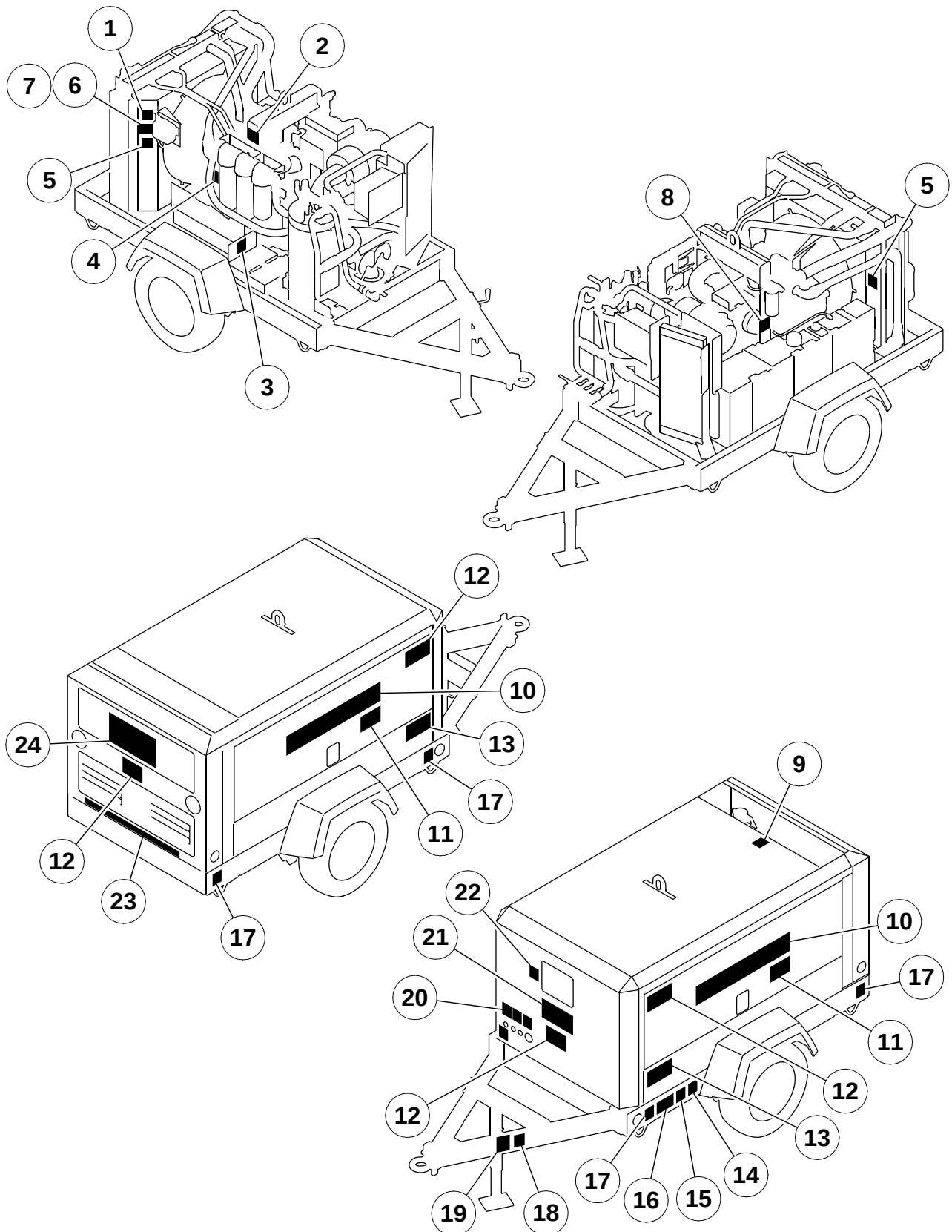


ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	54568787	Decal, Improper Operation	1	
2	46559970	Decal, Powertrain Warranty	1	
3	54454756	Decal, No Ether	1	
4	46618480	Decal, Operator Instructions	1	
5	46595839	Decal, Control Panel	1	



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46559970	Decal, Powertrain Warranty	1	
2	36535177	Decal, IQ	1	
3	54604970	Decal, Oil Fill	1	
4	54568795	Decal, High Pressure Air	1	

Decals - Branding and Safety

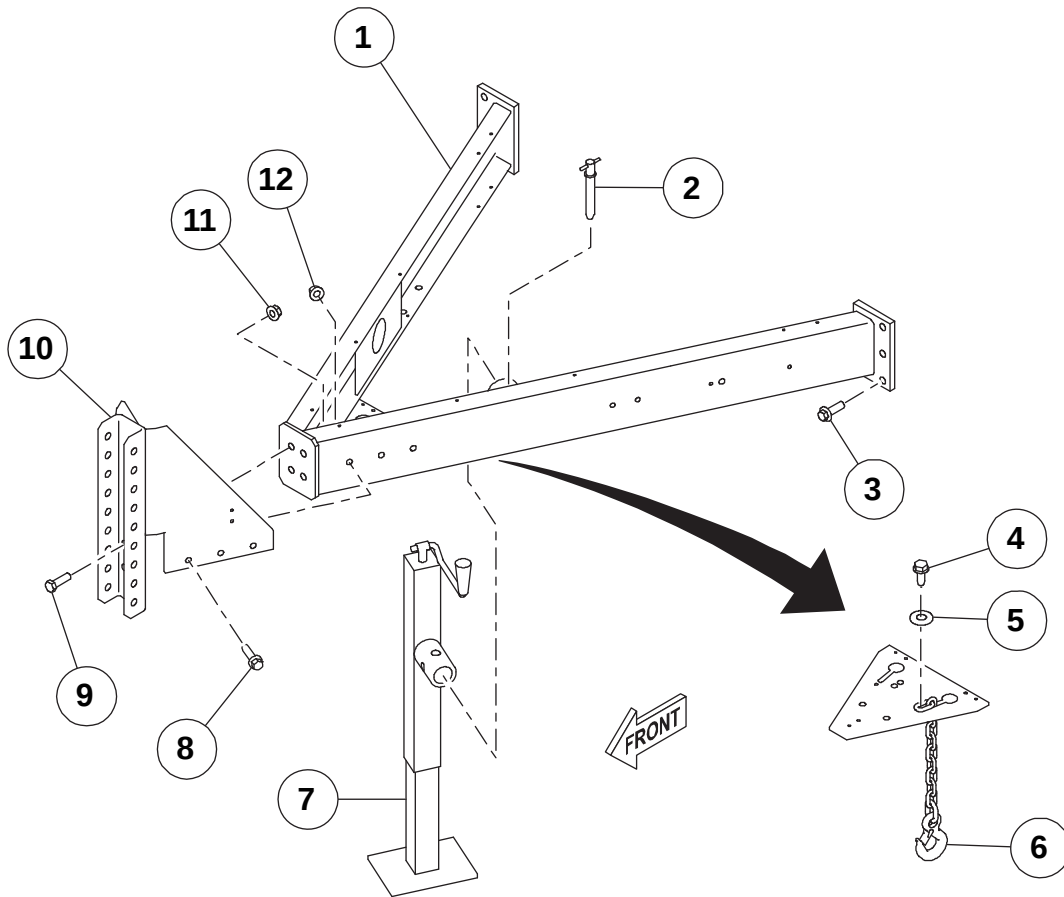


ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	54604962	Decal, Radiator Hot Fill	1	IQ Option Only
2	54454756	Decal, No Ether	1	
3	54568753	Decal, Combustible Gas	1	
4	46586599	Tag, Tier 4 Oil	1	
5	54568779	Decal, Rotating Fan	2	
6	46556466	Plate, Serial Number	1	
7	36794816	Rivet, 3/16"	2	
8	46556990	Decal, Ultra Low Sulfur Diesel Fuel	1	
9	54568761	Decal, Hot Pressurized Fluid	1	
10	46573924	Decal, Logo, 45" Doosan	2	
11	36534766	Decal, IQ System	4	
12	46574081	Decal, Model Number, P425	2	
13	54413117	Decal, Galvannealed	2	
14	22743801	Decal, Tire and Loading	1	
15	23241045	Decal, Vehicle Identification Number (VIN)	1	
16	36514602	Decal, Noise Emission	1	
17	54749205	Decal, No Welding	4	
18	54568803	Decal, Collapsing Jack Stand	1	
19	54604921	Decal, Towing Notice	1	
20	54629902	Decal, 3-Part, Service Air Warnings	1	
21	46573860	Decal, Logo, 12" Tri-Colored Boxes	1	
22	54605027	Decal, Hazardous Voltage	1	
23	46556137	Decal, 22" Website	1	
24	46573861	Decal, Logo, 18" Tri-Colored Boxes	1	



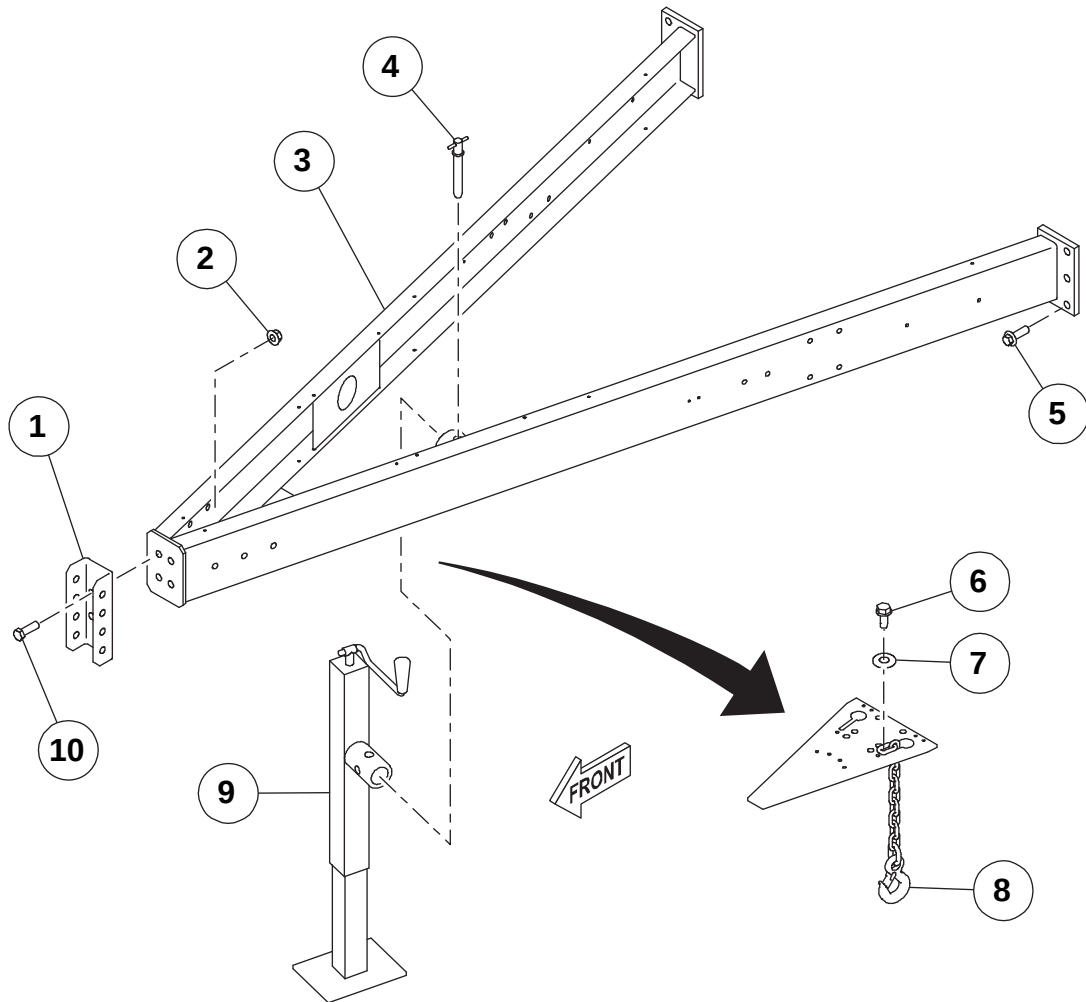
OPTION PARTS

Drawbar Assembly - Standard with Adjustable Height Channel



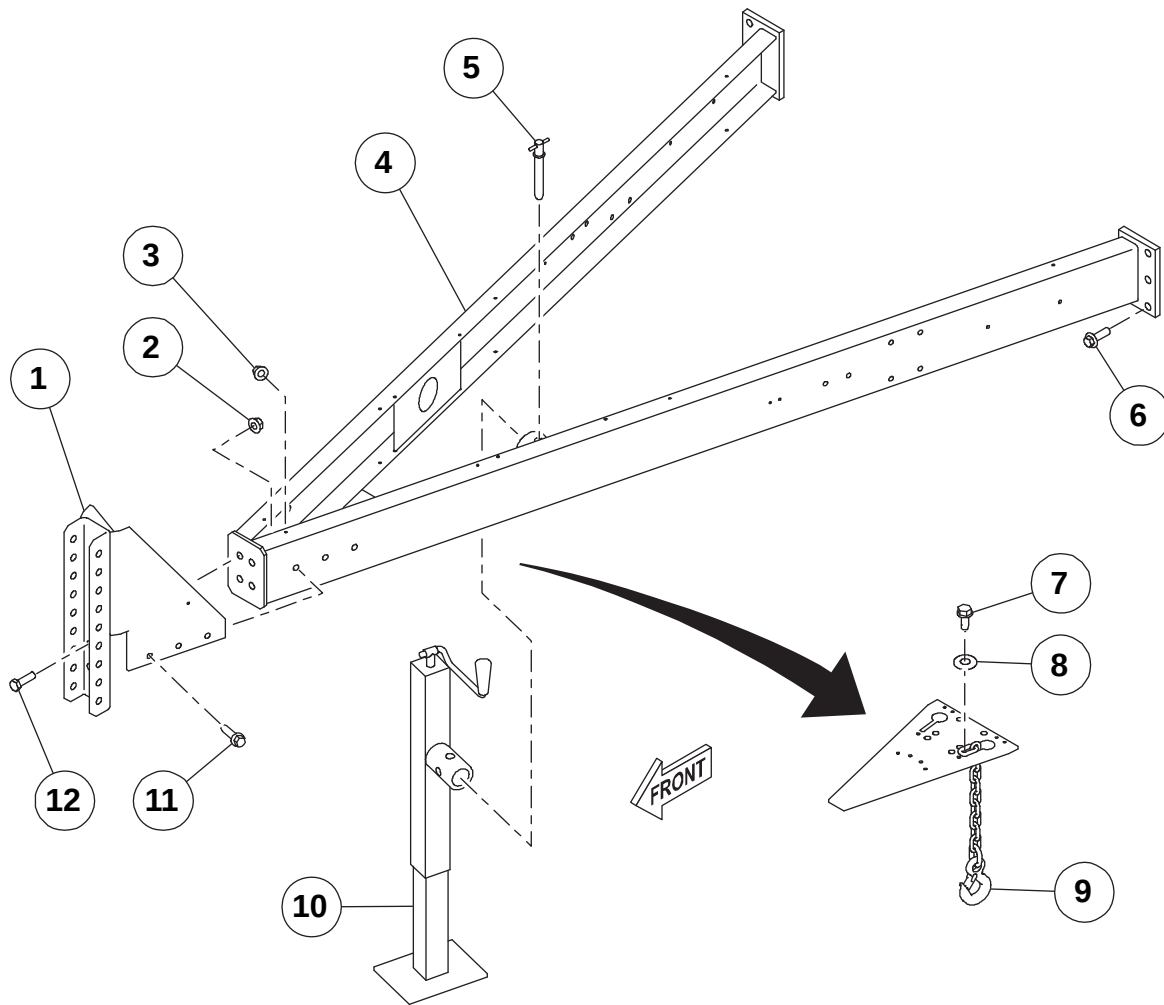
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46618899	Drawbar, Standard	1	
2	35609544	Pin, Quick-Release	1	
3	96727557	Screw, Hex Flange, M16 - 2.0 X 60	6	
4	22959936	Screw, Tapping, M8 - 1.25 X 20	2	
5	95934907	Washer, Flat, 3/8"	2	
6	22144521	Assembly, Chain and Hook	2	
7	54443577	Jack, Screw-Type	1	
8	35252758	Screw, Hex Flange, 1/2" - 13 X 1"	6	
9	39179072	Screw, Hex, M16 - 2.0 X 50	4	
10	36882017	Channel, Adjustable Height	1	
11	36879211	Nut, Hex Flange, M16 - 2.0	4	
12	35252618	Nut, Hex Flange, 1/2" - 13	6	

Drawbar Assembly - Extended



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36757284	Bracket, 3-Position	1	
2	36879211	Nut, Hex Flange, M16 - 2.0	4	
3	46620441	Drawbar, Extended	1	
4	35609544	Pin, Quick-Release	1	
5	96727557	Screw, Hex Flange, M16 - 2.0 X 60	6	
6	22959936	Screw, Tapping, M8 - 1.25 X 20	2	
7	95934907	Washer, Flat, 3/8"	2	
8	22144521	Assembly, Chain and Hook	2	
9	54443577	Jack, Screw-Type	1	
10	39179072	Screw, Hex, M16 - 2.0 X 50	4	
	35120005	Wire, 14 Gauge, Black, 40"	1	Not Shown
	37140365	Splice, Wire, Insulated	2	Not Shown
	46547782	Cable, Extension	1	Not Shown

Drawbar Assembly - Extended with Adjustable Height Channel

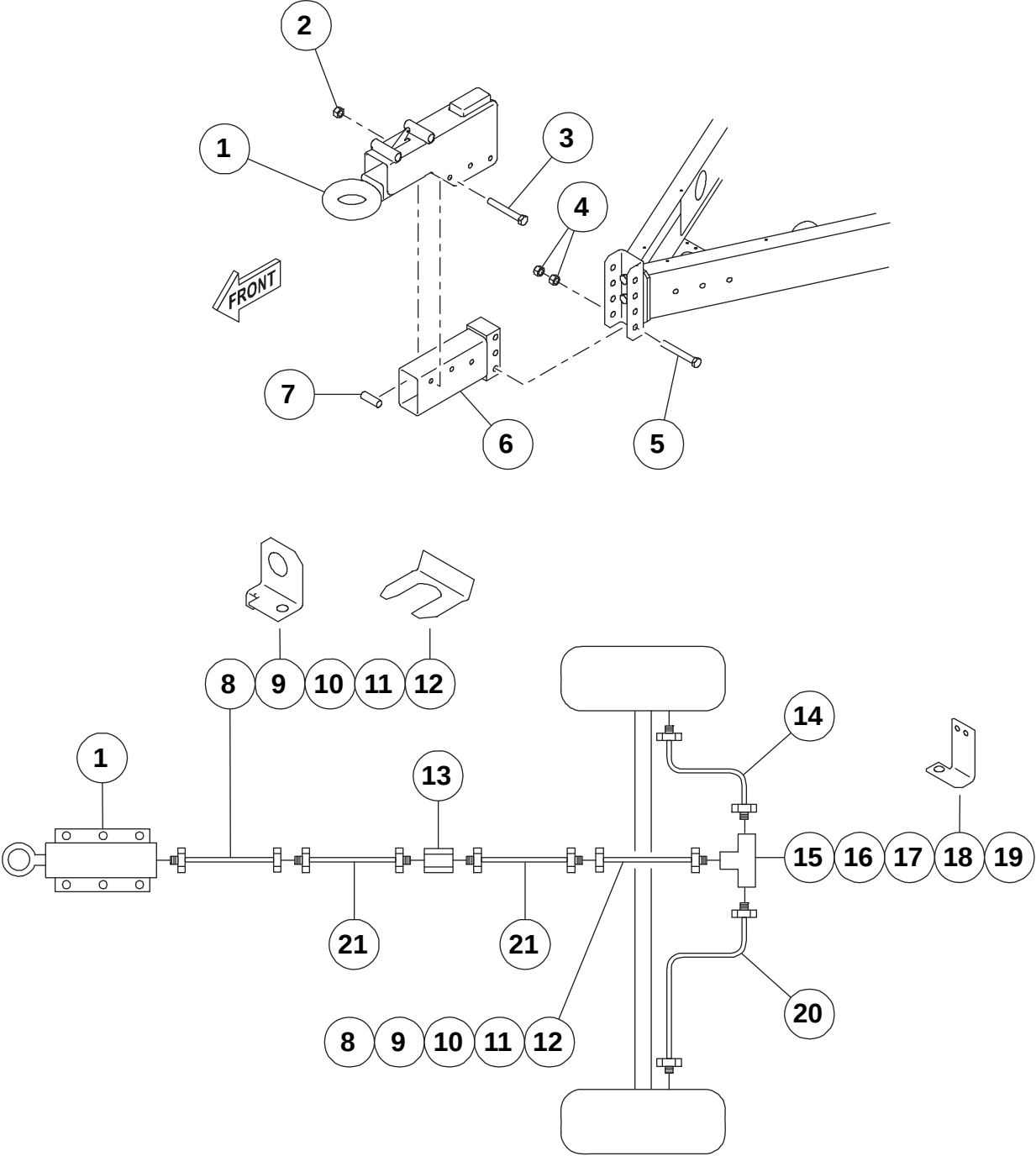


ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36882470	Channel, Adjustable Height	1	
2	36879211	Nut, Hex Flange, M16 - 2.0	4	
3	35252618	Nut, Hex Flange, 1/2" - 13	6	
4	46620441	Drawbar, Extended	1	
5	35609544	Pin, Quick-Release	1	
6	96727557	Screw, Hex Flange, M16 - 2.0 X 60	6	
7	22959936	Screw, Tapping, M8 - 1.25 X 20	2	
8	95934907	Washer, Flat, 3/8"	2	
9	22144521	Assembly, Chain and Hook	2	
10	54443577	Jack, Screw-Type	1	
11	35252758	Screw, Hex Flange, 1/2" - 13 X 1"	6	
12	39179072	Screw, Hex, M16 - 2.0 X 50	4	
	35120005	Wire, 14 Gauge, Black, 40"	1	Not Shown
	37140365	Splice, Wire, Insulated	2	Not Shown
	46547782	Cable, Extension	1	Not Shown

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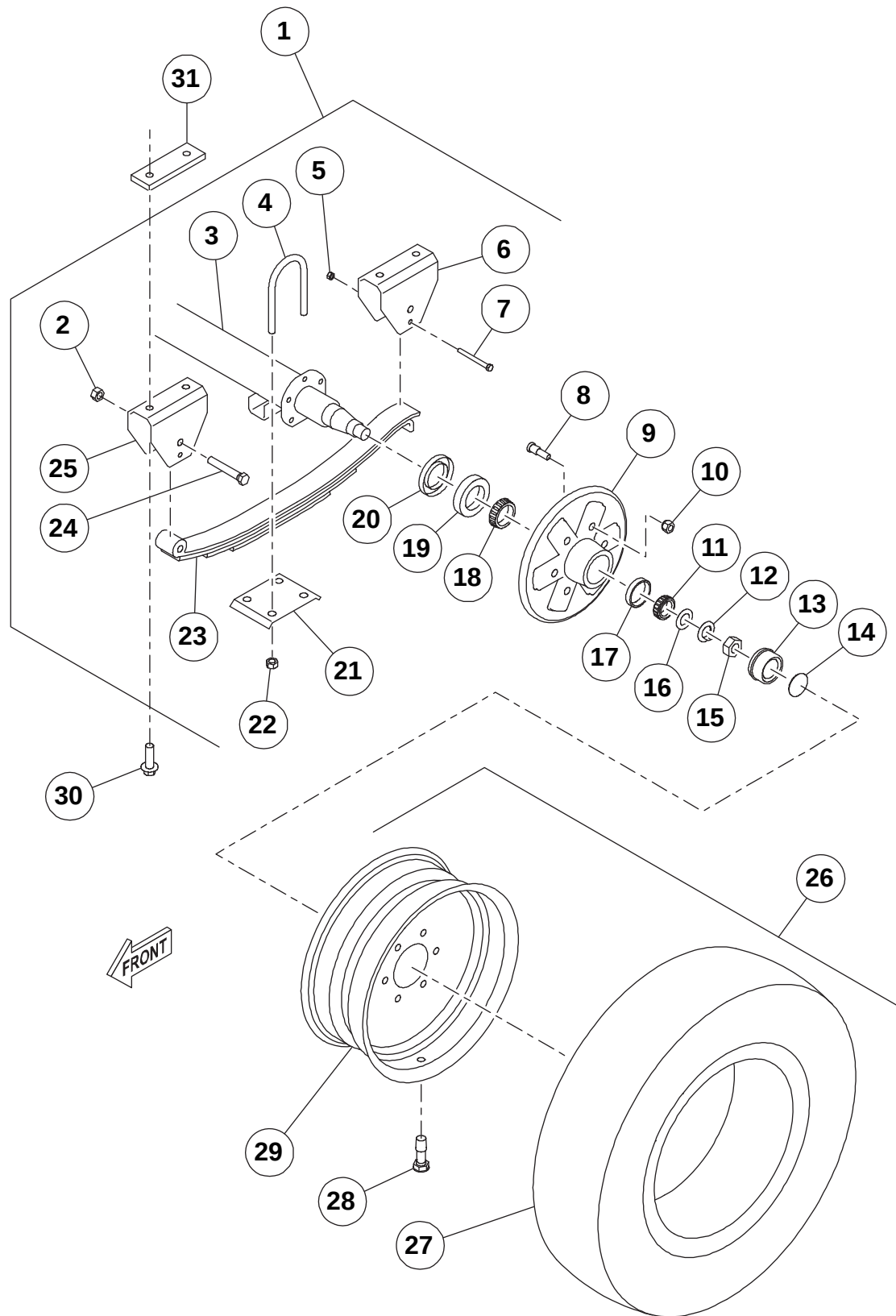
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Drawbar Assembly with Hydraulic Actuator



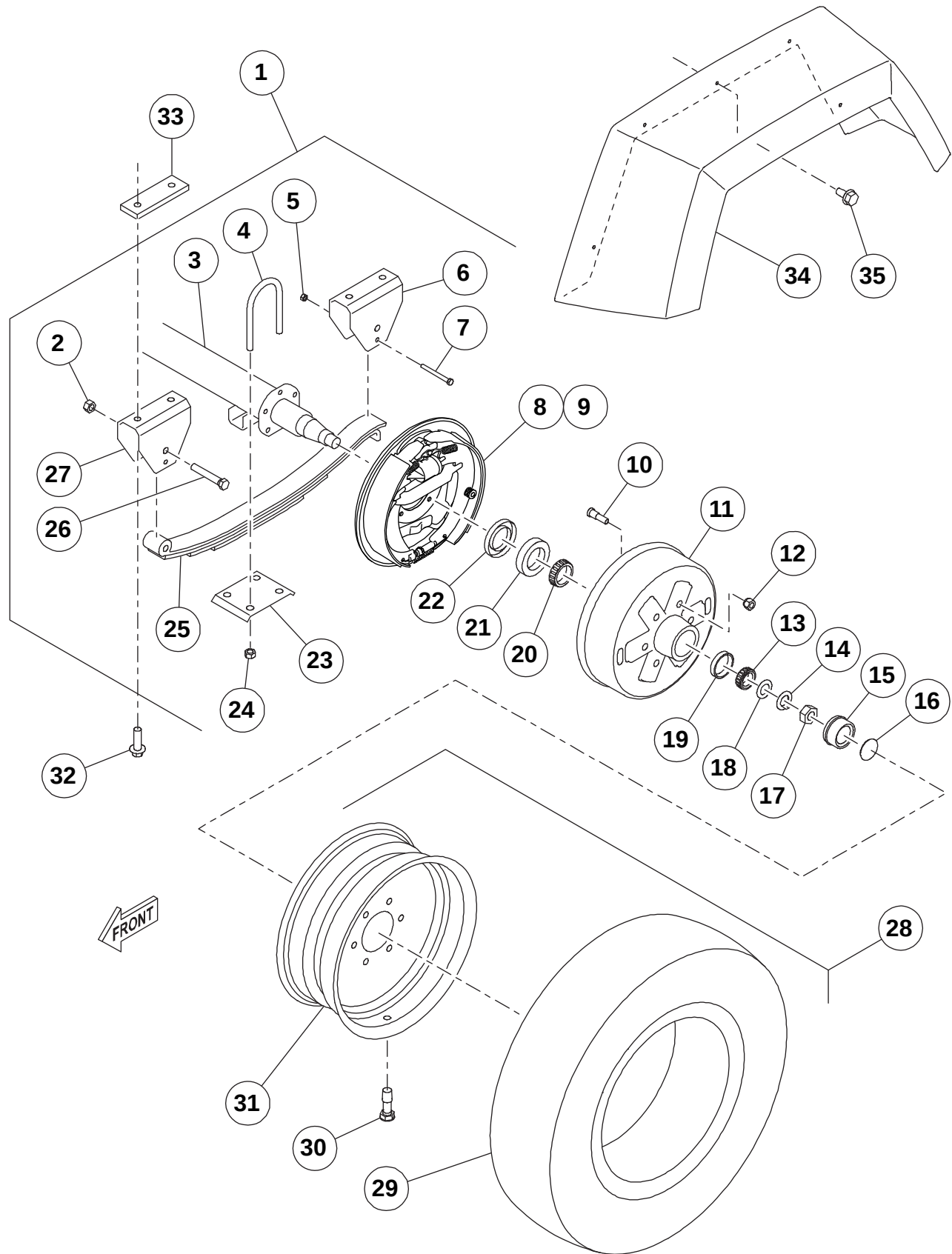
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35316611	Actuator, Hydraulic Brake	1	
2	95923348	Nut, Locking, 1/2" - 13	3	
3	95935169	Screw, Hex, 1/2" - 13 X 4"	3	
4	96701750	Nut, Hex, M16 - 2.0	6	
5	35376094	Screw, Hex, M16 - 2.0 X 120	3	
6	36758647	Support, Hydraulic Actuator	1	
7	35333673	Spacer, Hydraulic Drawbar	3	
8	35356377	Hose, Brake, 3/8" - 24 M to F X 18-7/8"	2	
9	35356310	Bracket, Hose Mounting	2	
10	92368687	Screw, Tapping, M6 - 1.0 X 14	4	
11	37001252	Clamp, Support	5	
12	35356302	Clip, Hose	2	
13	35356336	Union, 3/16" X 3/16", Inverse Flare	1	
14	36881290	Tube, Brake Line, 3/16" X 12-5/8"	1	
15	35356328	Tee, 3/16", Inverse Flare	1	
16	35144328	Screw, Hex Flange, 1/4" - 20 X 5/8"	1	
17	35144492	Nut, Locking, 1/4" - 20	1	
18	36881266	Bracket, Brake Tee	1	
19	95935102	Nut, Hex, 1/2" - 20	1	
20	35356419	Tube, Brake Line, 3/16" X 60"	1	
21	36881274	Tube, Brake Line, 3/16" X 50"	2	
	35300771	Screw, Tapping, M6 - 1.0 X 20	2	Not Shown

Running Gear Assembly with No Brakes



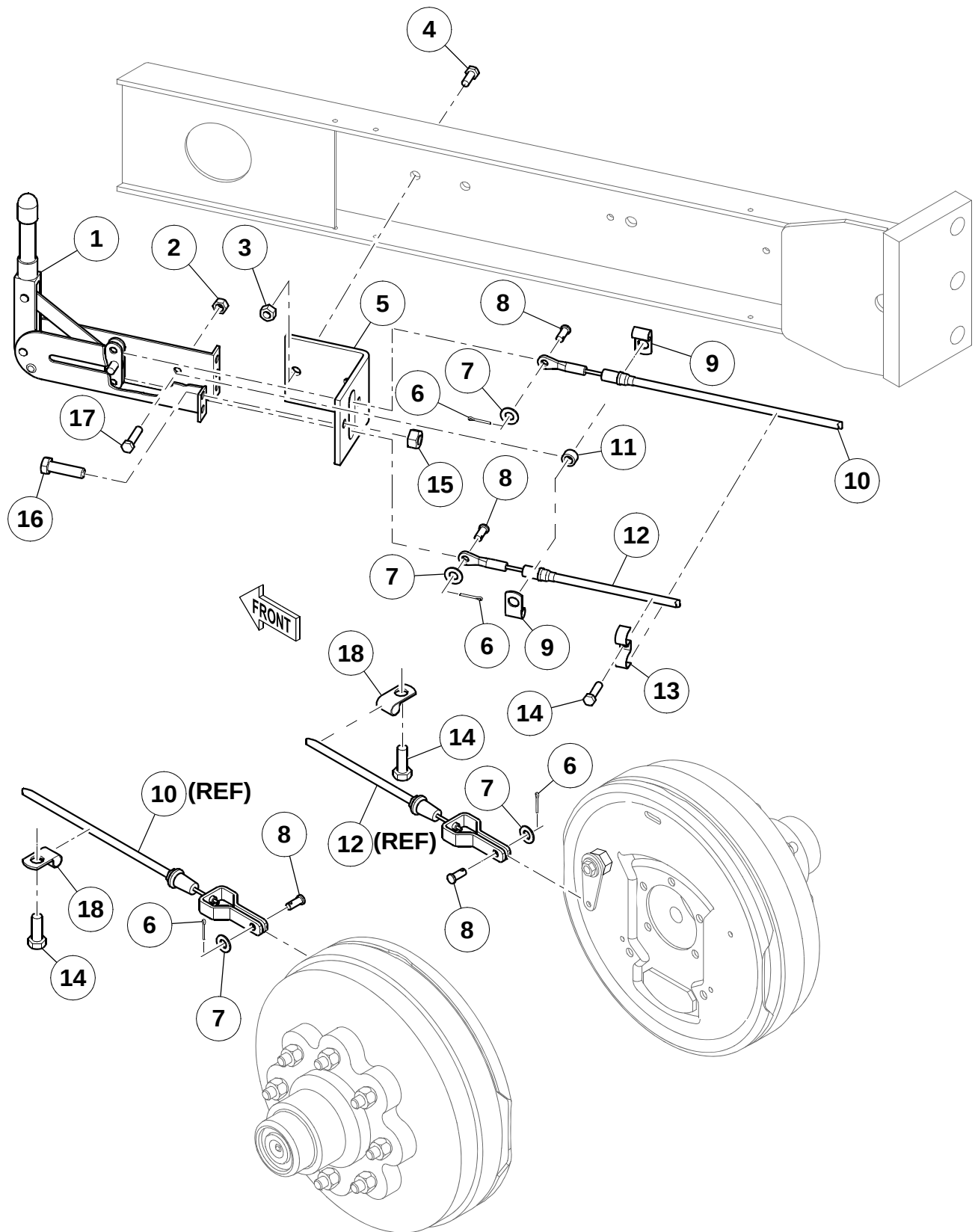
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22062012	Assembly, Running Gear - No Brakes	1	
2	35315357	Nut, Locking, 9/16" - 18	2	
3	54750997	Beam, Axle	1	
4	35316959	U-Bolt, 1/2" - 20	4	
5	35315373	Nut, Locking, 5/16" - 18	2	
6	35326966	Hanger, Rear	2	
7	35315365	Screw, Hex, 5/16" - 18 X 3-1/4"	2	
8	35361898	Stud, Wheel	12	
9	35318823	Assembly, Hub	2	
10	35315274	Nut, Wheel, 1/2" - 20	12	
11	35318849	Cone, Outer Bearing	2	
12	35390012	Washer, Tang, 1"	2	
13	35379395	Cap, Dust	2	
14	35379387	Plug, Dust Cap	2	
15	35315217	Nut, Spindle, 1" - 14	2	
16	35315209	Washer, Spindle	2	
17	35318831	Cup, Outer Bearing	2	
18	35316876	Cone, Inner Bearing	2	
19	35316884	Cup, Inner Bearing	2	
20	35316868	Seal, Grease	2	
21	35315241	Plate, Tie	2	
22	35315258	Nut, Hex, 1/2" - 20	8	
23	35315126	Spring, Slipper	2	
24	35315340	Screw, Hex, 9/16" - 18 X 3-1/4"	2	
25	35326958	Hanger, Front	2	
26	36846319	Assembly, Wheel and Tire	2	
27	36026268	Tire, ST225/75D15	1	Quantity Per Assembly
28	35282565	Valve, Stem	1	Quantity Per Assembly
29	35318757	Wheel, 15" X 6"	1	Quantity Per Assembly
30	96747399	Screw, Hex Flange, M12 - 1.75 X 40	8	
31	36880599	Spacer, Running Gear	4	

Running Gear Assembly with Hydraulic Brakes



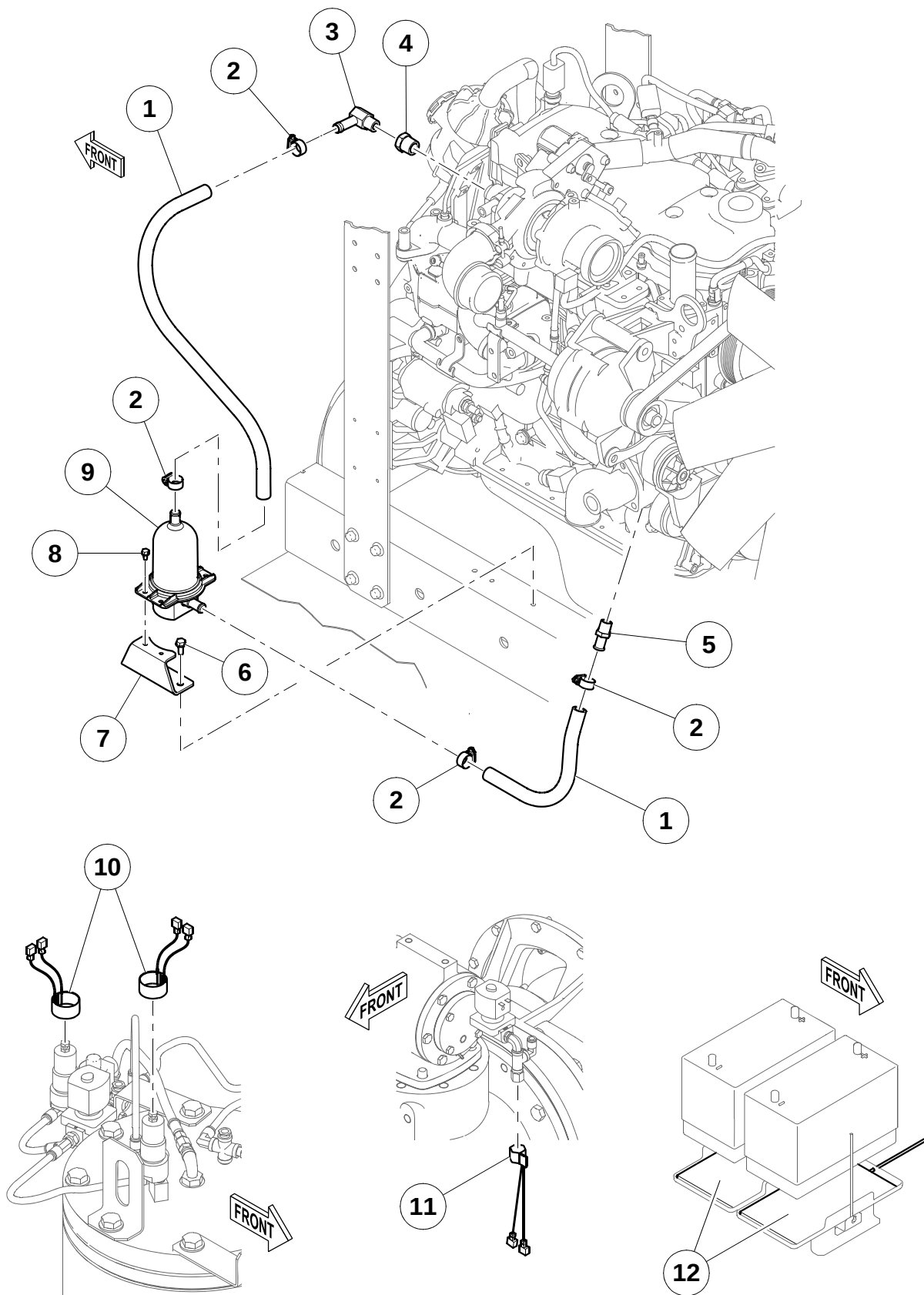
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22090351	Assembly, Running Gear - Hydraulic Brakes	1	Not Shown
2	35315357	Nut, Locking, 9/16" - 18	2	
3	54750997	Beam, Axle	1	
4	35316959	U-Bolt, 1/2" - 20	4	
5	35315373	Nut, Locking, 5/16" - 18	2	
6	35326966	Hanger, Rear	2	
7	35315365	Screw, Hex, 5/16" - 18 X 3-1/4"	2	
8	35390434	Assembly, Brake, LH	1	
9	35390442	Assembly, Brake, RH	1	
10	35361898	Stud, Wheel	12	
11	35318823	Assembly, Hub	2	
12	35315274	Nut, Wheel, 1/2" - 20	12	
13	35318849	Cone, Outer Bearing	2	
14	35390012	Washer, Tang, 1"	2	
15	35379395	Cap, Dust	2	
16	35379387	Plug, Dust Cap	2	
17	35315217	Nut, Spindle, 1" - 14	2	
18	35315209	Washer, Spindle	2	
19	35318831	Cup, Outer Bearing	2	
20	35316876	Cone, Inner Bearing	2	
21	35316884	Cup, Inner Bearing	2	
22	35316868	Seal, Grease	2	
23	35315241	Plate, Tie	2	
24	35315258	Nut, Hex, 1/2" - 20	8	
25	35315126	Spring, Slipper	2	
26	35315340	Screw, Hex, 9/16" - 18 X 3-1/4"	2	
27	35326958	Hanger, Front	2	
28	36026268	Assembly, Wheel and Tire	2	
29	36846319	Tire, ST225/75D15	1	Quantity Per Assembly
30	35282565	Valve, Stem	1	Quantity Per Assembly
31	35318757	Wheel, 15" X 6"	1	Quantity Per Assembly
32	96747399	Screw, Hex Flange, M12 - 1.75 X 40	8	
33	36880599	Spacer, Running Gear	4	
34	36877579	Fender, Plastic	2	
35	36797652	Screw, Tapping, M6 - 1.0 X 12	10	

Parking Brake assembly



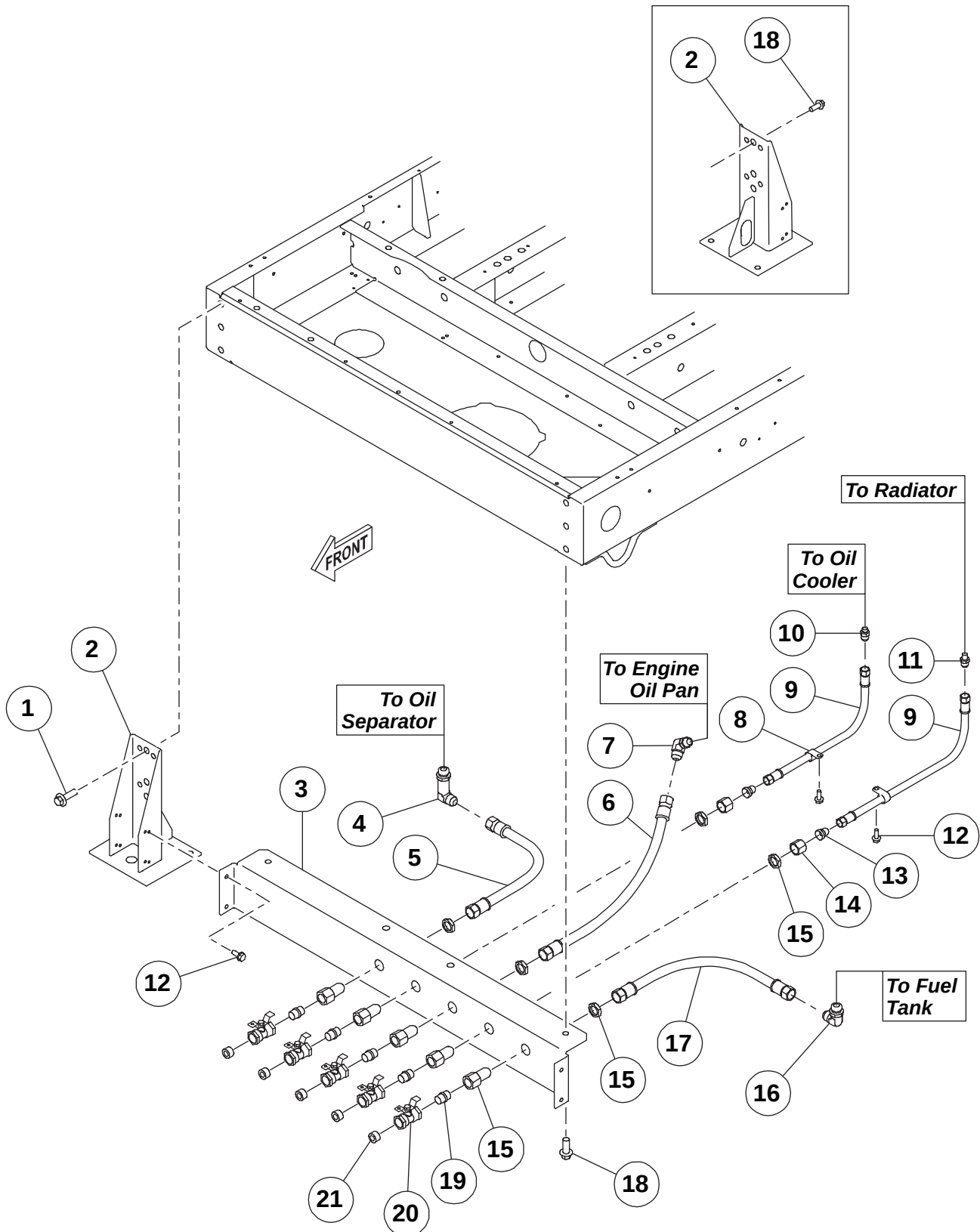
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35370055	Lever, Parking Brake	1	
2	35252600	Nut, Hex Flange, 5/16" - 18	1	
3	96735550	Nut, Hex, M10 - 1.5	2	
4	96701917	Screw, Hex, M10 - 1.5 X 30	2	
5	36882009	Bracket, Parking Brake	1	
6	95928867	Pin, Cotter, 3/32"	4	
7	95934998	Washer, Flat, 5/16"	4	
8	36846780	Pin, Clevis, 5/16" X 3/4"	4	
9	35126325	Clamp, Cable, 1/2"	2	
10	35589746	Cable, Brake, 78"	1	
11	35126358	Spacer, Clamp	1	
12	36503134	Cable, Brake, 108"	1	
13	35134477	Clamp, Hose, Duplex, 5/8"	2	
14	35300771	Screw, Tapping, M6 - 1.0 X 20	1	
15	96735543	Nut, Hex, M8 - 1.25	2	
16	96702659	Screw, Hex, M8 - 1.25 X 25	2	
17	95943668	Screw, Hex, 5/16" -18 X 1-3/4"	1	
18	35253038	Clamp, Hose, 3/8"	3	

Engine Coolant Heater



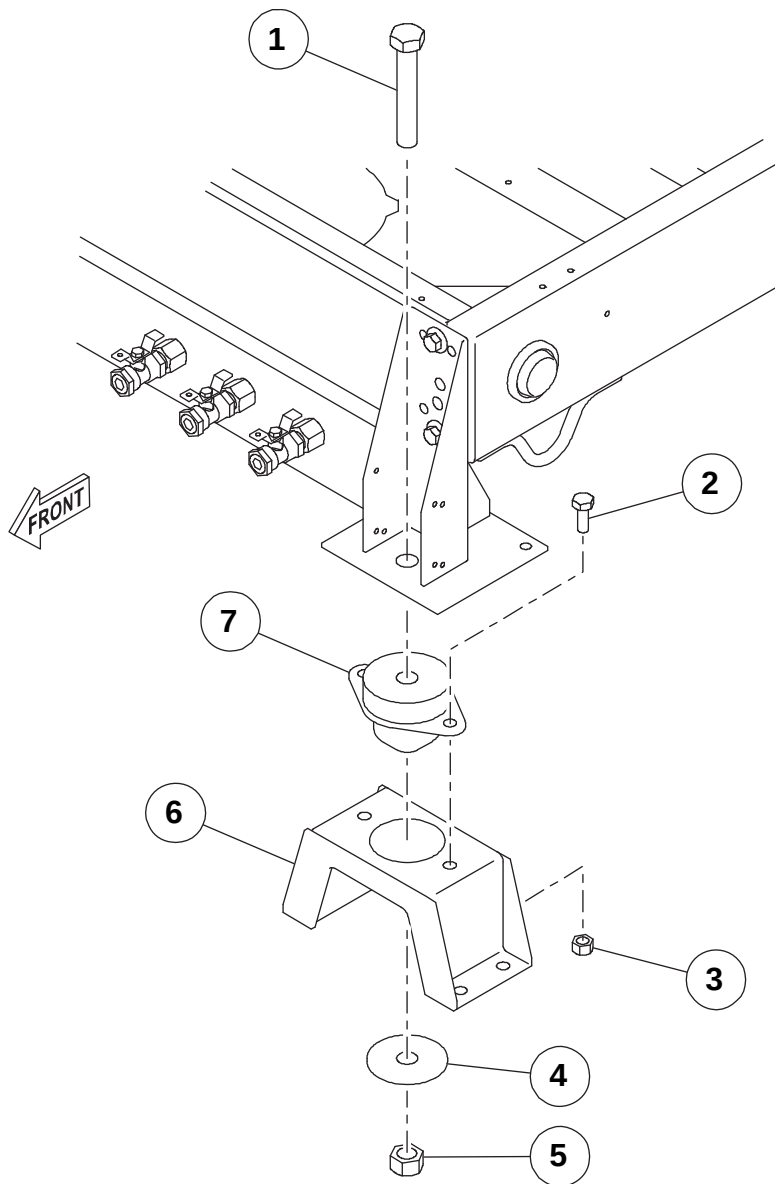
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35326578	Hose, Heater, 5/8"	46	Measured in Inches
2	95220844	Clamp, Hose, 9/16"	4	
3	46614139	Elbow, 90 Deg., 3/8" NPT X 5/8" Hose	1	
4	95953956	Bushing, Reducer, 3/4" NPT X 3/8" FNPT	1	
5	35326560	Adapter, Hose, 1/2" NPT X 5/8" Hose	1	
6	35279025	Screw, Tapping, M8 - 1.25 X 20	2	
7	46589819	Bracket, Engine Coolant Heater	1	
8	36797652	Screw, Tapping, M6 - 1.0 X 12	2	
9	54618103	Heater, Engine Coolant, 1000 W	1	
10	36854677	Heater, Regulator, 1-3/8"	2	
11	36841526	Heater, Hex, 3/4"	1	
12	22065635	Pad, Battery Heater	2	
	46617921	Harness, Regulation Heaters	1	Not Shown
	46618781	Card, Optional Heaters Harness Schematic	1	Not Shown

Compressor System - Less Running Gear, with Central Drains



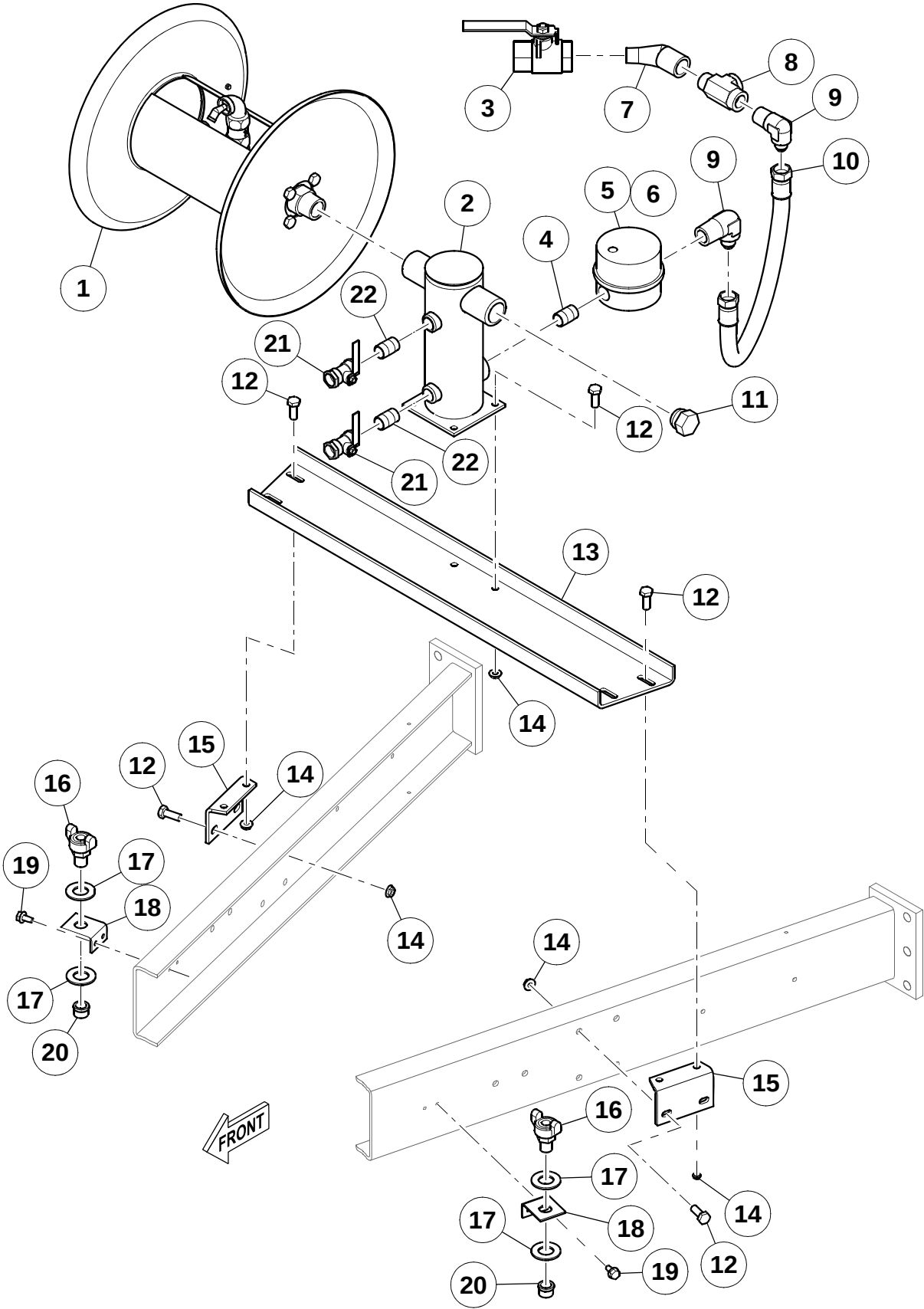
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36879302	Screw, Hex Flange, M16 - 2.0 X 50	4	
2	36882355	Support, Rear	4	
3	22072318	Bracket, Central Drain	1	
4	36885093	Elbow, 90 Deg., 1-1/16" - 12 X 1-1/16"	1	
5	22180889	Assembly, Hose, -12 JIC X 27"	1	
6	35323807	Assembly, Hose, -12 JIC X 68"	1	
7	22869143	Elbow, 90 Deg., M22 SAE X -12 JIC	1	
8	35119379	Clamp, Support, 1"	9	
9	35305481	Assembly, Hose, -8 JIC X 88"	2	
10	35287895	Connector, 9/16" - 18 X -8 JIC	1	
11	35283134	Connector, 1/4" NPT X -8 JIC	1	
12	35279025	Screw, Tapping, M8 - 1.25 X 20	13	
13	35365774	Reducer, Tube, -12 JIC X -8 JIC	2	
14	35324987	Nut, Tube, -12 JIC	2	
15	35287747	Fitting, Bulkhead, 3/4" NPT X -12 JIC	5	
16	35294750	Elbow, 90 Deg., 3/4" X -12 JIC	1	
17	35376110	Assembly, Hose, -12 JIC X 54"	1	
18	36888055	Screw, Hex Flange, M12 - 1.75 X 30	6	
19	95928040	Nipple, Pipe, 3/4" NPT	5	
20	36777399	Valve, Ball, 3/4" NPT	5	
21	95947149	Plug, Hex, 3/4"	5	

Compressor System - Less Running Gear, with Shock Mounts



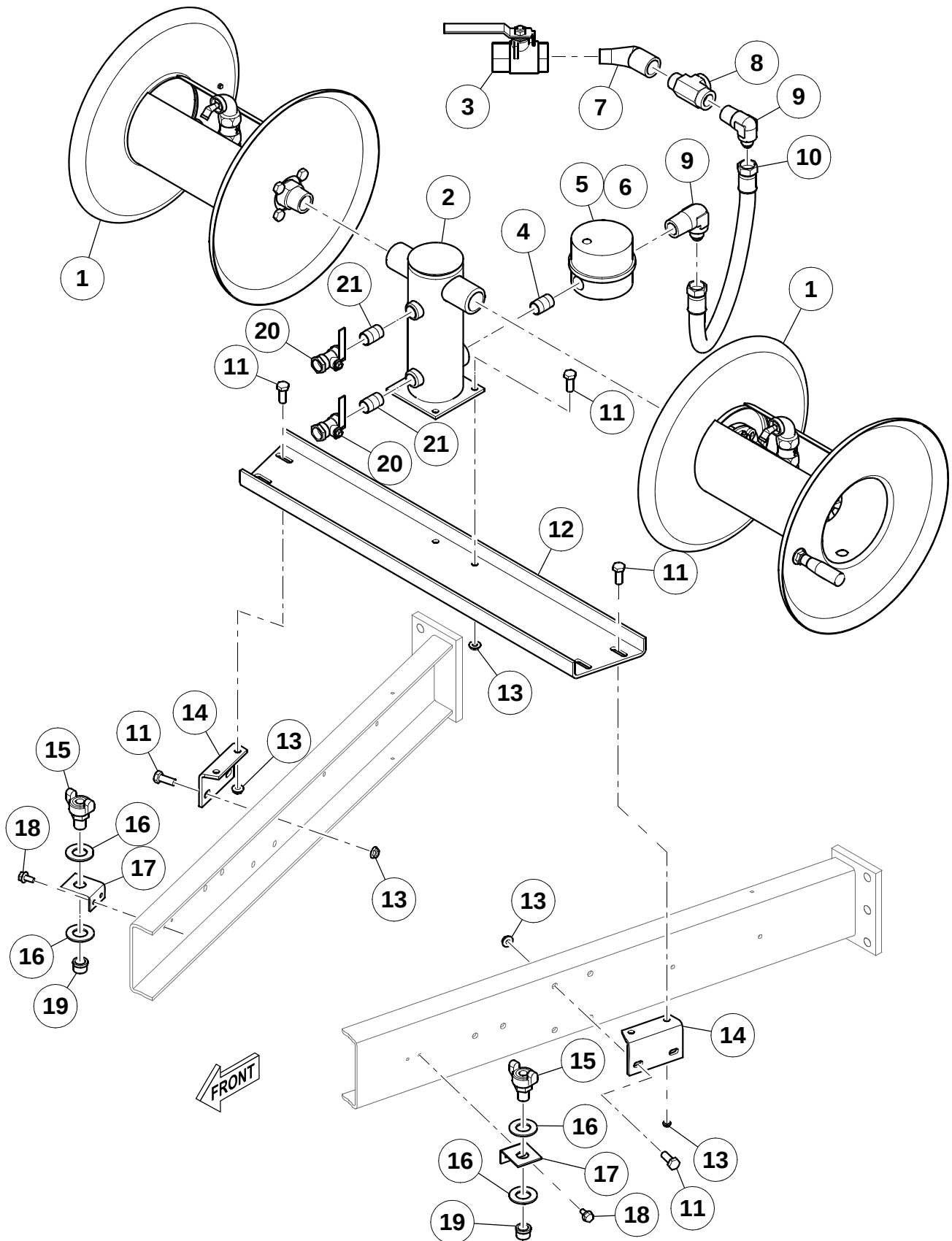
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	95920336	Screw, Hex, 1" - 8 X 6"	4	
2	95934501	Screw, Hex, 5/8" - 11 X 1-1/2"	8	
3	35374453	Nut, Hex, 5/8" - 11	8	
4	54534045	Washer, Snubber, 1"	4	
5	95942116	Nut, Hex, 1" - 8	4	
6	54509989	Support, Isolator	4	
7	22169437	Isolator, Center Bonded	4	

Hose Reel Mounting - Single



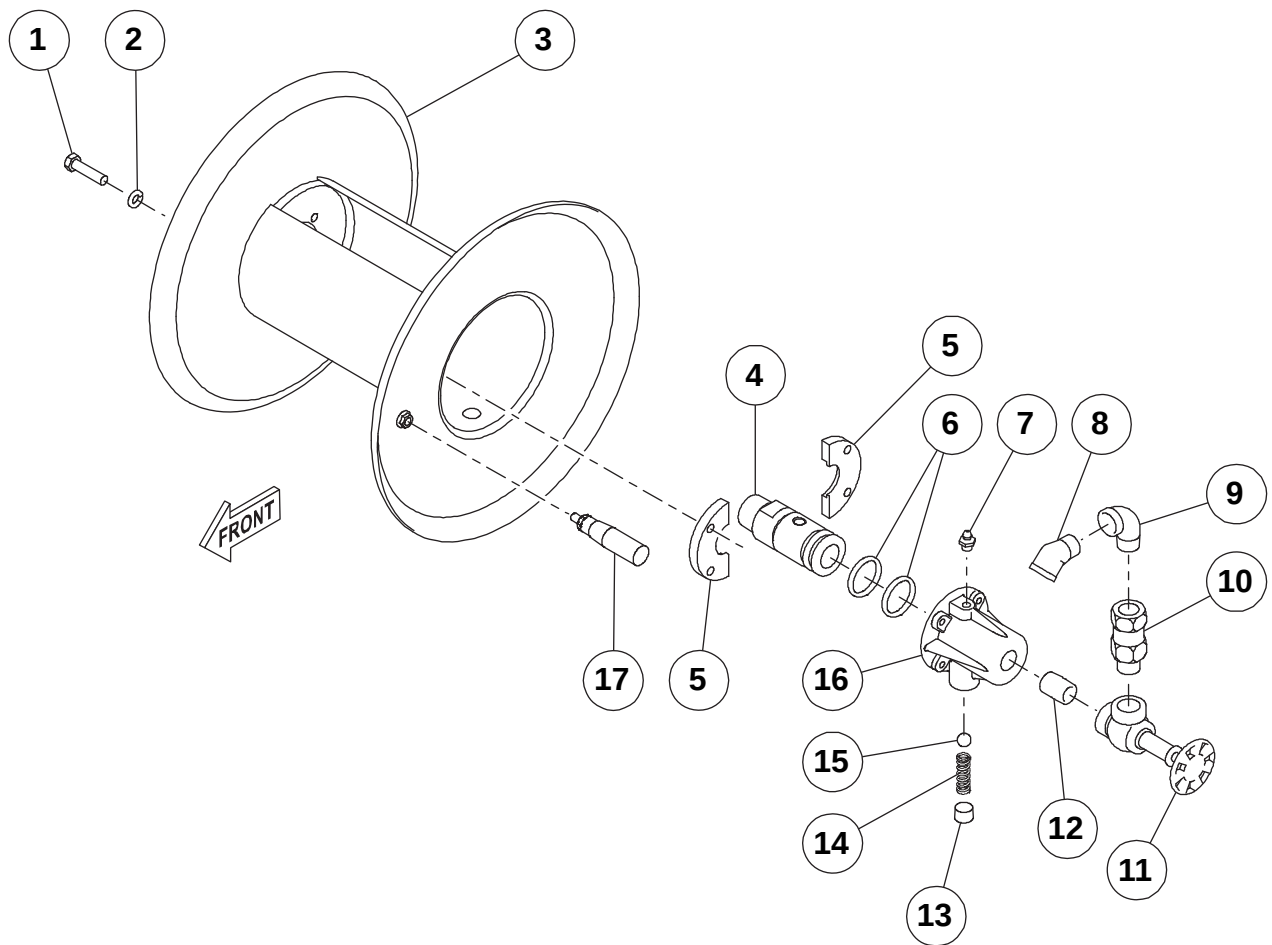
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46551891	Hose Reel Assembly	1	
2	36755460	Manifold, Hose Reel	1	
3	35612126	Valve, Ball, 1-1/4" NPT	1	
4	95953600	Nipple, Pipe, 1-1/4"	1	
5	35255025	Lubricator, Air Line, 1 Qt	1	
6	35356252	Lubricator, Air Line, 2 Qt	1	
7	95759627	Elbow, 45 Deg., 1-1/4" NPT X 1-1/4" FNPT	1	
8	95280087	Tee, Male Run, 1-1/4" NPT X 1-1/4" NPT	1	
9	95219861	Elbow, 90 Deg., 1-1/4" NPT X -20 JIC	2	
10	35228212	Assembly, Hose, -20 JIC X 25-1/4"	1	
11	95928248	Plug, Hex, 1-1/4" NPT	1	
12	36880995	Screw, Hex Flange, M10 - 1.5 X 30	12	
13	36882181	Channel, Hose Reel Mounting	1	
14	36879195	Nut, Hex Flange, M10 - 1.5	12	
15	35855238	Bracket, Channel Mounting	2	
16	35221910	Lock, Hose	1	
17	95928321	Washer, Flat, 7/8"	2	
18	35296748	Bracket, Hose Lock	1	
19	92368687	Screw, Tapping, M6 - 1.0 X 14	2	
20	35153972	Cap, Hose Lock	1	
21	35576115	Valve, Ball, 3/4" NPT	2	
22	95928040	Nipple, Pipe, 3/4" NPT	2	
	35373810	Hose, 3/4" X 50'	1	Not Shown
	35373828	Hose, 3/4" X 100'	1	Not Shown

Hose Reel Mounting - Double



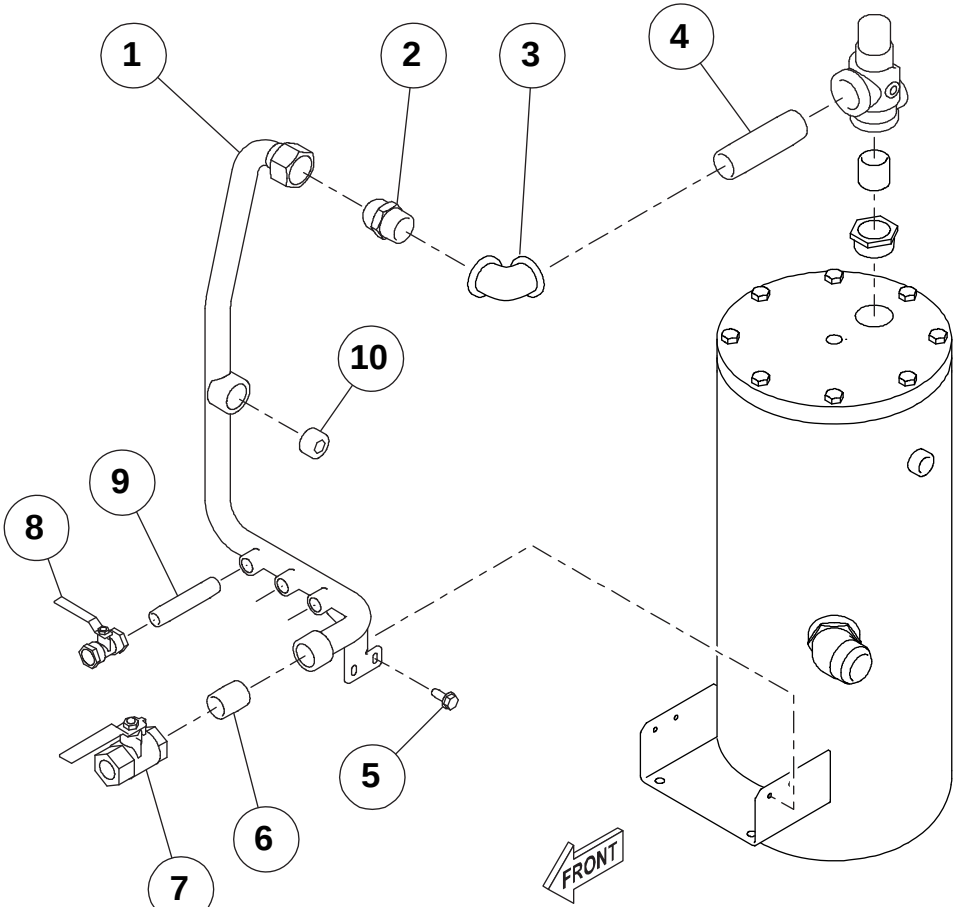
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46551891	Hose Reel Assembly	2	
2	36755460	Manifold, Hose Reel	1	
3	35612126	Valve, Ball, 1-1/4" NPT	1	
4	95953600	Nipple, Pipe, 1-1/4"	1	
5	35255025	Lubricator, Air Line, 1 Qt	1	
6	35356252	Lubricator, Air Line, 2 Qt	1	
7	95759627	Elbow, 45 Deg., 1-1/4" NPT X 1-1/4" FNPT	1	
8	95280087	Tee, Male Run, 1-1/4" NPT X 1-1/4" NPT	1	
9	95219861	Elbow, 90 Deg., 1-1/4" NPT X -20 JIC	2	
10	35228212	Assembly, Hose, -20 JIC X 25-1/4"	1	
11	36880995	Screw, Hex Flange, M10 - 1.5 X 30	12	
12	36882181	Channel, Hose Reel Mounting	1	
13	36879195	Nut, Hex Flange, M10 - 1.5	12	
14	35855238	Bracket, Channel Mounting	2	
15	35221910	Lock, Hose	1	
16	95928321	Washer, Flat, 7/8"	2	
17	35296748	Bracket, Hose Lock	1	
18	92368687	Screw, Tapping, M6 - 1.0 X 14	2	
19	35153972	Cap, Hose Lock	1	
20	35576115	Valve, Ball, 3/4" NPT	2	
21	95928040	Nipple, Pipe, 3/4" NPT	2	
	35373810	Hose, 3/4" X 50'	1	Not Shown
	35373828	Hose, 3/4" X 100'	1	Not Shown

Hose Reel Assembly



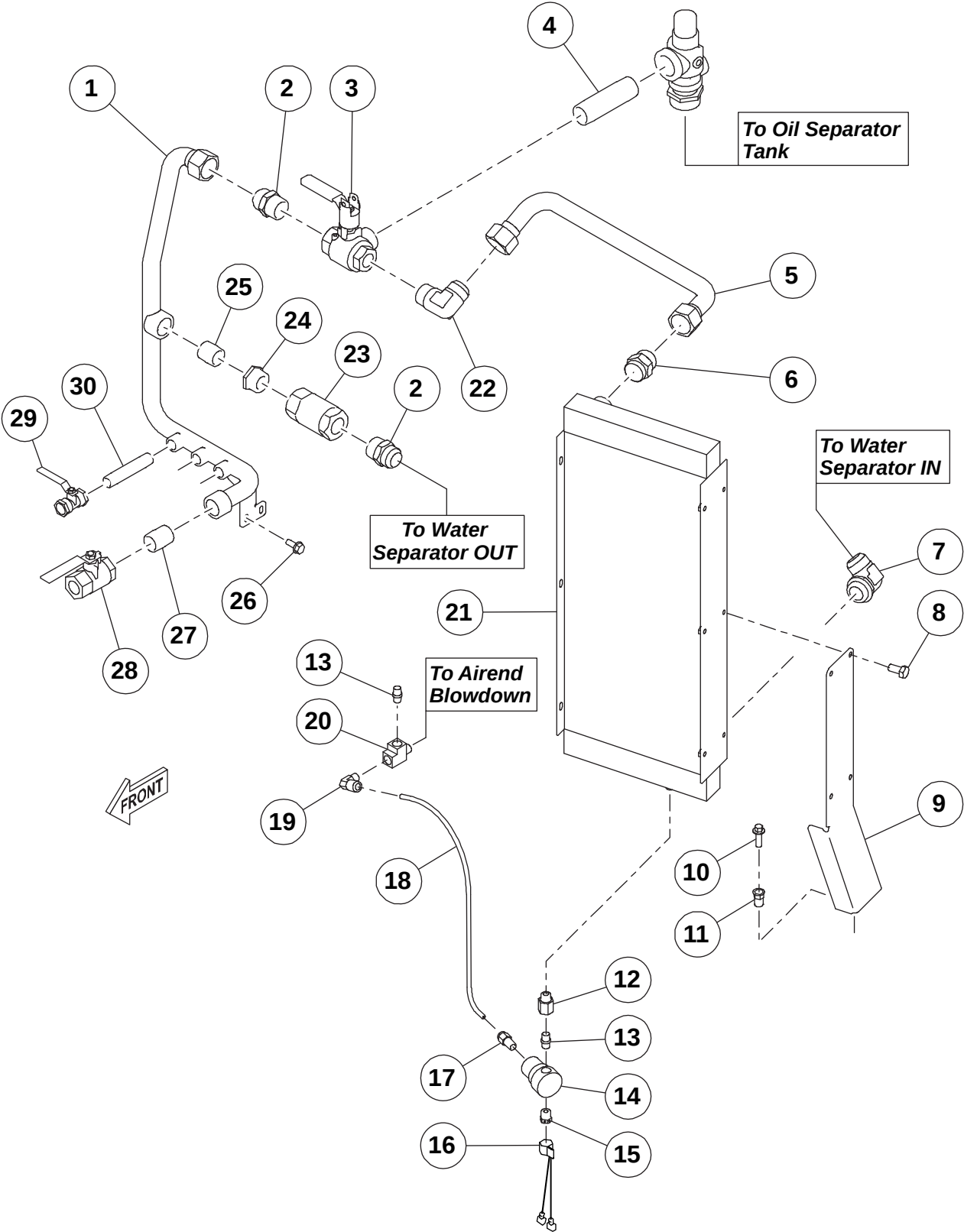
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	95934584	Screw, Hex, 3/8" - 16 X 1-1/2"	4	
2	95937413	Washer, Locking, 3/8"	4	
3	46551891	Reel, Hose	1	
4	46545240	Shaft, Hose Reel Bearing	1	
5	36765188	Cover, Hose Reel Bearing	2	
6	95358297	O-Ring, 1-5/8"	2	
7	35221894	Fitting, Lube, 1/8"	1	
8	95928198	Elbow, 45 Deg., 3/4" NPT X 3/4" FNPT	1	
9	95928172	Elbow, 90 Deg., 3/4" NPT X 3/4" FNPT	1	
10	35364397	Valve, Check, 3/4" NPT	1	
11	95072971	Valve, Globe, 3/4" FNPT	1	
12	95928040	Nipple, Pipe, 3/4" NPT	1	
13	95928222	Plug, Hex, 3/8" NPT	1	
14	30671242	Spring, Retarding	1	
15	35221902	Ball, Retarding, 1/2"	1	
16	46546289	Bearing, Hose Reel	1	
17	46551890	Handle, Rotating/Folding	1	

Service Air - 1-1/4" NPT Valve with 3X 3/4" Valves - No Aftercooler



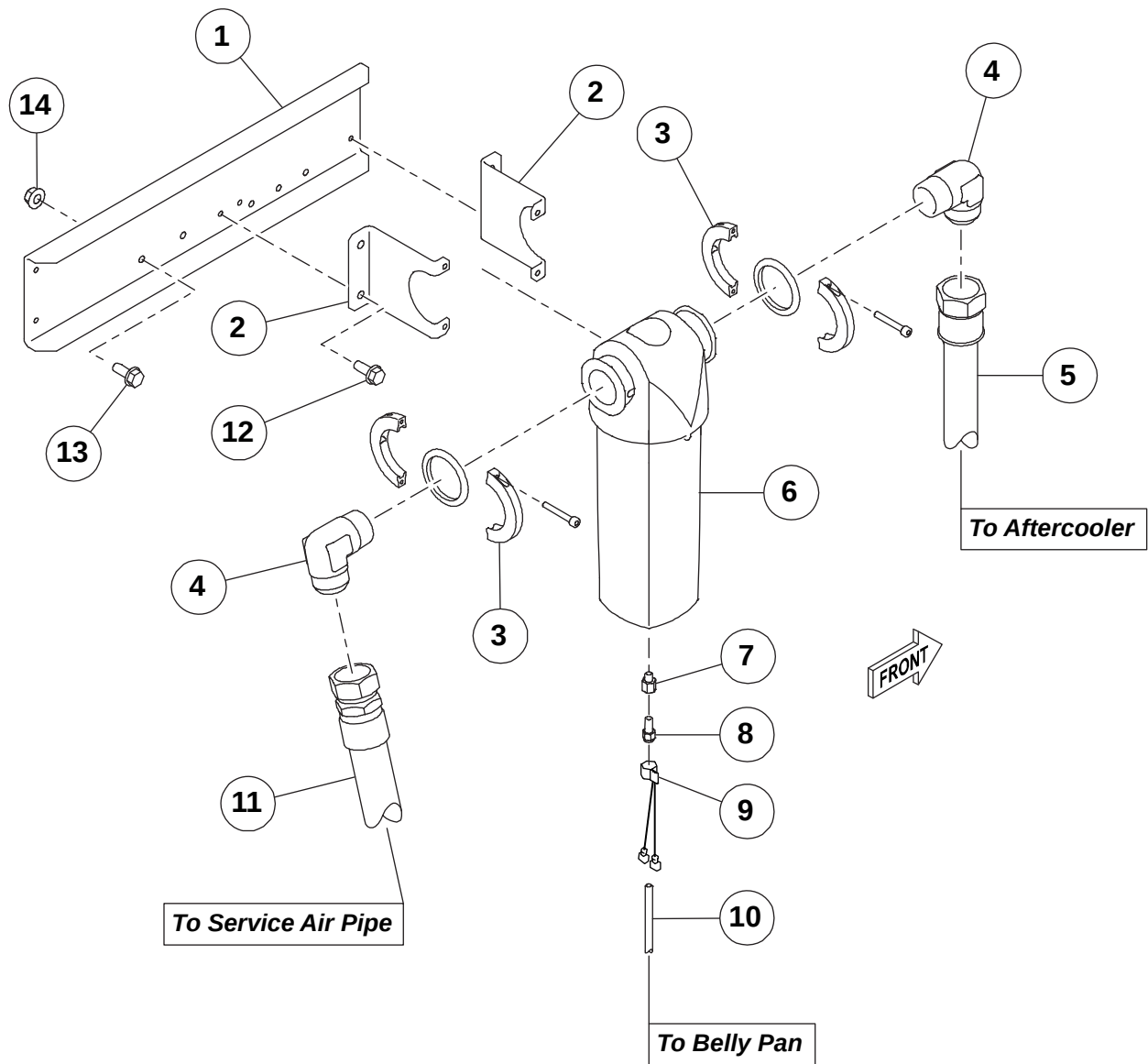
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46596859	Pipe, Service Air Manifold	1	
2	95208682	Adapter, 1-1/2" Pipe X 1-1/2" JIC	1	
3	95932828	Elbow, 90 Deg., 1-1/2" NPT X 1-1/2" NPT	1	
4	95953535	Nipple, Pipe, 1-1/2" NPT X 6"	1	
5	35279025	Screw, Tapping, M8 - 1.25 X 20	2	
6	95953600	Nipple, Pipe, 1-1/4" NPT X 2"	1	
7	35612126	Valve, Ball, 1-1/4" NPT	1	
8	35576115	Valve, Ball, 3/4" NPT	3	
9	95953766	Nipple, Pipe, 3/4" NPT X 5"	3	
10	95928248	Plug, Hex, 1-1/4" NPT	1	

Service Air - 1-1/4" NPT Valve with 3X Valves, Aftercooler, and Water Separator



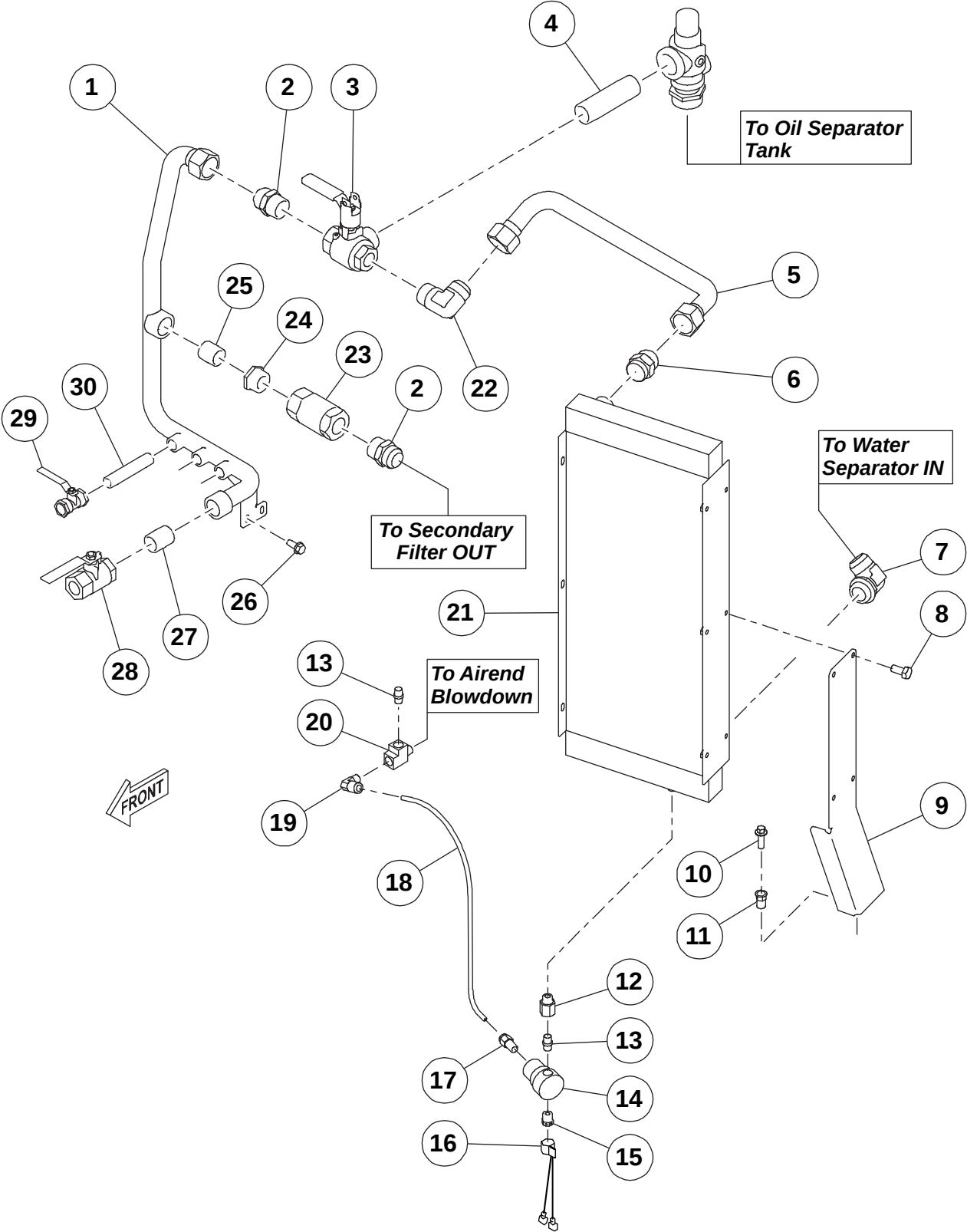
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46596859	Pipe, Service Air Manifold	1	Measured in Inches
2	95208682	Adapter, Hose, 1-1/2" Pipe X 1-1/2" JIC	2	
3	22258339	Valve, 3-Way, Lockable, 1-1/2"	1	
4	95953535	Nipple, Pipe, 1-1/2" NPT X 6"	1	
5	46597799	Pipe, Aftercooler	1	
6	35296409	Connector, Tube, 1-7/8" - 12 X -24 JIC	1	
7	95431292	Elbow, 90 Deg., 1-7/8" - 12 X -24 JIC	1	
8	96702279	Screw, Hex, M10 - 1.5 X 20	4	
9	54761622	Bracket, Aftercooler Mounting	1	
10	36889608	Screw, Hex Flange, M8 - 1.25 X 25	2	
11	36895746	Nutsert, Hex, M8 - 1.25	2	
12	35293687	Adapter, O-Ring, 9/16" X 1/4" NPT	1	
13	95944575	Nipple, Pipe, 1/4" NPT X 7/8"	2	
14	35322379	Valve, Blowdown	1	
15	35248319	Fitting, Orifice	1	
16	36841526	Heater, Hex, 3/4"	1	
17	35369347	Connector, Male, 1/4" NPT X 3/8" Tube	1	
18	35356484	Tube, Flexible, 3/8"	50	
19	35369354	Elbow, 90 Deg., 1/4" NPT X 3/8" Tube	1	
20	35114545	Tee, Street, 1/4" NPT X 1/4" FNPT	1	
21	54660162	Aftercooler, Service Air	1	
22	95279477	Elbow, 90 Deg., 1-1/2" NPT X -24 JIC	1	
23	36786820	Valve, Check, 1-1/2"	1	
24	95953824	Bushing, Reducer, 1-1/2" NPT X 1-1/4" FNPT	1	
25	95953709	Nipple, Pipe, 1-1/4" NPT X 1-5/8"	1	
26	35279025	Screw, Tapping, M8 - 1.25 X 20	2	
27	95953600	Nipple, Pipe, 1-1/4" NPT X 2"	1	
28	35612126	Valve, Ball, 1-1/4" NPT	1	
29	35576115	Valve, Ball, 3/4" NPT	3	
30	95953766	Nipple, Pipe, 3/4" NPT X 5"	3	

Service Air - Water Separator



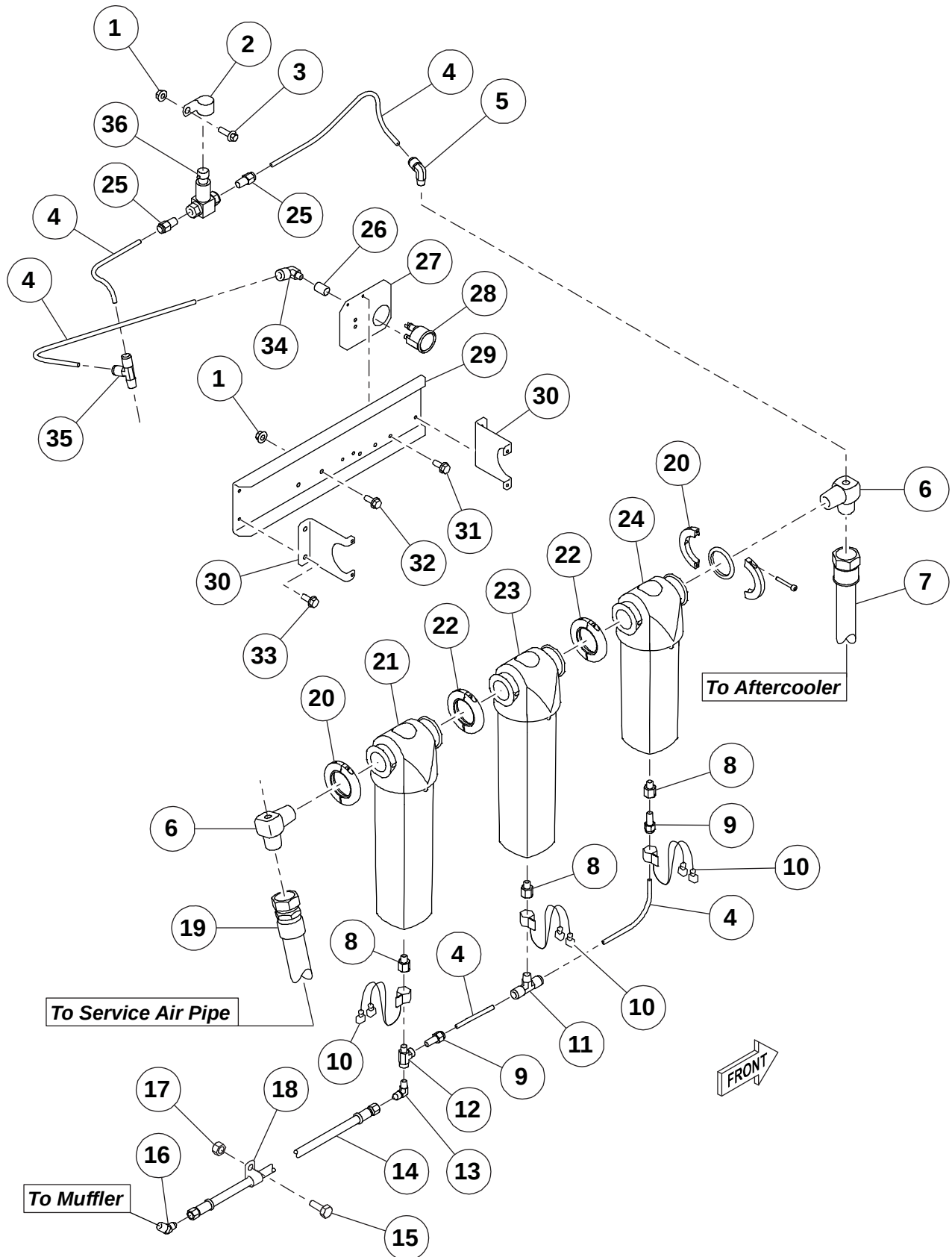
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	54761630	Bracket, Filter Mounting	1	Kit has 2 assemblies
2	23194210	Bracket, Filter Support	2	
3	23187420	Assembly, Clamp, #4 with Spacer	1	
4	95279477	Elbow, 90 Deg., 1-1/2" NPT X -24 JIC	2	
5	36799245	Assembly, Hose, -24 JIC X 54-3/4"	1	
6	23186729	Assembly, Water Separator	1	
7	46619480	Adapter, Male, 1/8" BSPT X 1/8" FNPT	1	
8	35379700	Adapter, Tube, 1/8" NPT X 3/8" Tube	1	
9	36841526	Heater, Hex, 3/4"	1	
10	35356484	Tube, Flexible, 3/8"	37	
11	35117472	Assembly, Hose, -24 JIC X 62"	1	
12	35279025	Screw, Tapping, M8 - 1.25 X 20	4	
13	36889608	Screw, Hex Flange, M8 - 1.25 X 25	4	
14	36881886	Nut, Hex Flange, M8 - 1.25	4	
	46617919	Harness, Aftercooler Option	1	Not Shown
	46618783	Card, Optional Aftercooler Harness Schematic	1	Not Shown

Service Air - 1-1/4" NPT Valve with 3X Valves and IQ System



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46596859	Pipe, Service Air Manifold	1	Measured in Inches
2	95208682	Adapter, Hose, 1-1/2" Pipe X 1-1/2" JIC	2	
3	22258339	Valve, 3-Way, Lockable, 1-1/2"	1	
4	95953535	Nipple, Pipe, 1-1/2" NPT X 6"	1	
5	46597799	Pipe, Aftercooler	1	
6	35296409	Connector, Tube, 1-7/8" - 12 X -24 JIC	1	
7	95431292	Elbow, 90 Deg., 1-7/8" - 12 X -24 JIC	1	
8	96702279	Screw, Hex, M10 - 1.5 X 20	4	
9	54761622	Bracket, Aftercooler Mounting	1	
10	36889608	Screw, Hex Flange, M8 - 1.25 X 25	2	
11	36895746	Nutsert, Hex, M8 - 1.25	2	
12	35293687	Adapter, O-Ring, 9/16" X 1/4" NPT	1	
13	95944575	Nipple, Pipe, 1/4" NPT X 7/8"	2	
14	35322379	Valve, Blowdown	1	
15	35248319	Fitting, Orifice	1	
16	36841526	Heater, Hex, 3/4"	1	
17	35369347	Connector, Male, 1/4" NPT X 3/8" Tube	1	
18	35356484	Tube, Flexible, 3/8"	50	
19	35369354	Elbow, 90 Deg., 1/4" NPT X 3/8" Tube	1	
20	35114545	Tee, Street, 1/4" NPT X 1/4" FNPT	1	
21	54660162	Aftercooler, Service Air	1	
22	95279477	Elbow, 90 Deg., 1-1/2" NPT X -24 JIC	1	
23	36786820	Valve, Check, 1-1/2"	1	
24	95953824	Bushing, Reducer, 1-1/2" NPT X 1-1/4" FNPT	1	
25	95953709	Nipple, Pipe, 1-1/4" NPT X 1-5/8"	1	
26	35279025	Screw, Tapping, M8 - 1.25 X 20	2	
27	95953600	Nipple, Pipe, 1-1/4" NPT X 2"	1	
28	35612126	Valve, Ball, 1-1/4"	1	
29	35576115	Valve, Ball, 3/4"	3	
30	95953766	Nipple, Pipe, 3/4" NPT X 5"	3	

Service Air - IQ System



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36881886	Nut, Hex Flange, M8 - 1.25	5	Measured in Inches
2	35225085	Clamp, Tube, 15/16"	1	
3	36889608	Screw, Hex Flange, M8 - 1.25 X 25	5	
4	35356484	Tube, Flexible, 3/8"	53	
5	35369354	Elbow, 90 Deg., 1/4" NPT X 3/8" Tube	1	
6	39495148	Elbow, 90 Deg., 1-1/2" NPT X -24 JIC	2	
7	36799245	Assembly, Hose, -24 JIC X 54-3/4"	1	
8	46619480	Adapter, Male, 1/8" BSPT X 1/8" FNPT	3	
9	35379700	Adapter, Tube, 1/8" NPT X 3/8" Tube	2	
10	36841526	Heater, Hex, 3/4"	3	
11	35369396	Tee, Branch, 1/8" NPT X 3/8" Tube	1	
12	39127287	Tee, Street, 1/8" NPT	1	
13	35306687	Elbow, 90 Deg., 1/8" NPT X -4 JIC	1	
14	35284520	Assembly, Hose, -4 JIC X 88"	1	
15	96702824	Screw, Hex, M8 - 1.25 X 20	1	
16	35321223	Elbow, 45 Deg., 1/4" NPT X -4 JIC	1	
17	96701370	Nut, Hex, M8 - 1.25	1	
18	35225093	Clamp, Hose, 1/2"	1	
19	35142074	Assembly, Hose, -24 JIC X 78"	1	
20	23187420	Assembly, Clamp, #4 with Spacer	1	Kit has 2 assemblies
21	23186752	Assembly, Secondary Filter	1	
22	23187388	Assembly, Clamp, #4 with O-Ring	1	Kit has 2 assemblies
23	23186737	Assembly, Primary Filter	1	
24	23186729	Assembly, Water Separator	1	
25	35369347	Connector, Male, 1/4" NPT X 3/8" Tube	2	
26	95935599	Coupling, 1/8" NPT X 3/4"	1	
27	23194970	Plate, Gauge Mounting	1	
28	36891216	Gauge, Pressure, 250 PSI	1	
29	54761630	Bracket, Filter Mounting	1	
30	23194210	Bracket, Filter Support	2	
31	36797652	Screw, Tapping, M6 - 1.0 X 12	2	
32	36889608	Screw, Hex Flange, M8 - 1.25 X 25	4	
33	35279025	Screw, Tapping, M8 - 1.25 X 20	4	
34	35370386	Elbow, 90 Deg., 1/8" NPT X 3/8" Tube	1	
35	35369503	Tee, Street, 1/4" NPT X 3/8" Tube	1	
36	46599239	Transducer, Pressure, 0 - 300 PSID	1	
	46617880	Harness, IQ Option	1	Not Shown
	46618782	Card, Optional IQ Harness Schematic	1	Not Shown
	35268788	Tie, Cable 0.19" X 6-1/2"	2	Not Shown

Options - Mud Guards

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36898104	Nut, Hex Flange, M6 - 1.0	6	
2	22721245	Plate, Mud Guard Support	2	
3	22721203	Guard, Mud	2	
4	96745559	Washer, Flat, M6	6	
5	96745534	Screw, Hex Flange, M6 - 1.0 X 35	6	

Options Parts List

Secure Lifting Eye

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	54742028	Eye, Lifting Bail	1	
2	96701750	Nut, Hex, M16 - 2.0	4	
3	35290113	Screw, Hex, M16 - 2.0 X 75	2	

Literature Pouch

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36784122	Pouch, Water Resistant	1	
2	36522290	Card, Laminated Safety	1	Not Shown

Caster Wheel

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36877793	Screw, Hex Flange, M12 - 1.75 X 40	8	
2	36866986	Assembly, Caster Wheel	1	
3	36879203	Nut, Hex Flange, M12 - 1.75	4	

2" Ball Coupler

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	96701750	Nut, Hex, M16 - 2.0	4	
2	36509073	Assembly, 2" Ball Coupler	1	
3	35376094	Screw, Hex, M16 - 2.0 X 120	2	

Fuel Strainer

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	23357288	Strainer, Fuel	1	

Key Lock

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36794345	Cylinder, Key Lock	2	
2	35612746	Key, Replacement	0	

Bumper / Light Bar

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46555982	Bumper, Light Bar	1	
2	36888055	Screw, Hex Flange, M12 - 1.75 X 30	4	

Cold Weather Regulation and Orifice Heaters

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36854677	Heater, regulation, 1-3/8"	2	
2	36841526	Heater, Hex, 3/4"	1	
3	46617921	Harness, Regulation Heaters	1	

Amber Strobe Roof Light

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35376482	Light, Strobe, Amber	1	
2	95163473	Screw, Hex, #10 - 24 X 1-1/4"	3	
3	35265388	Nut, Hex Flange, #10 - 24	6	
4	35316645	Holder, Fuse	1	
5	35298041	Fuse, 20 A	1	
6	35337435	Switch, DPST	1	
7	35135037	Plate, ON/OFF	1	
8	35124114	Wire, 14 Gauge, Red	1	



RECOMMENDED SERVICE PARTS

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
	35575570	Airend Discharge Gasket		Airend
	95357976	Airend Discharge Hose O-Ring		Airend
	35593490	Shaft Seal Airend		Airend
	95358024	O-Ring Airend Seal		Airend
	35588318	Gasket, Inlet Valve		Airend
	35589589	Gasket, Unloader		Airend
	35322767	Spring, Piston Unloader		Airend
	35318013	Bushing, Piston Housing. Unloader		Airend
	35318005	Bushing, Unloader Piston		Airend
	35321603	Spring, Compression Unloader		Airend
	35317197	Diaphragm Unloader		Airend
	46595499	Air Filter Primary Direct Flow		Air Intake
	46595500	Air Filter Secondary Direct Flow		Air Intake
	35393677	Valve, Dust Ejector		Air Intake
	54717145	Air Element, Primary Engine- Airend		Air Intake
	54717152	Air Element, Safety Engine- Airend		Air Intake
	23264096	Radiator, Cap		Cooling
	46572925	Top Radiator Hose		Cooling
	46572924	Bottom Radiator Hose		Cooling
	54443577	Jack Assembly		Drawbar
	35609544	Jack Pin		Drawbar
	35600261	Gas Spring		Enclosure
	36793602	Door Latch		Enclosure
	35298041	Fuse, 20 Amp		Electrical
	23091820	Fuse, 15 Amp Mini		Electrical
	23091853	Fuse, 30 Amp Mini		Electrical
	23326069	Fuse, 5 Amp Mini		Electrical
	23091812	Fuse 10 Amp Mini		Electrical
	23316250	Relay 24 VDC		Electrical
	46556477	Fuse, 150 Amp AMG		Electrical
	36853521	Relay, 100 Amp		Electrical
	46551938	Controller Assy, Titan		Electrical
	46585699	Keypad		Electrical
	46605159	Power SPST ON/OFF		Electrical
	46558800	Pressure Gauge 0-300		Electrical
	46554147	Switch Breakaway		Electrical
	46556146	Battery Disconnect		Electrical
	46568519	Switch 12 PSI NC		Electrical
	23294820	Switch, Thermal (Separator Tank)		Electrical
	23294820	Switch, Thermal (Discharge Air)		Electrical
	23294838	Ambient Temp Sensor		Electrical
	46571299	CAC Sensor		Electrical
	46565479	Gauge, Fuel Level		Electrical
	46594639	Tachometer w/ Display		Electrical
	46558804	Engine Temperature		Electrical
	46558803	Engine Oil Pressure		Electrical
	46558806	Gauge Airend Discharge		Electrical
	35376169	Diode		Electrical

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
	54756697	Engine Mount		Engine
	46554959	Water/Fuel Filter Element		Engine
	35318229	Airend Mount		Engine
	46558720	Engine Lube Element		Engine
	36869337	Exhaust, Rain Cap		Exhaust
	46592220	Fuel Tank Cap (Green)		Fuel System
	35322395	Silencer, Fuel Tank Vent		Fuel System
	46570900	Sender, Fuel Level		Fuel System
	35361849	Gasket, Fuel Sender		Fuel System
	46557016	Doosan T4I Engine Oil (5 Gal)		Maintenance
	36899706	Pro Tec Compressor Fluid (5 Gal.)		Maintenance
	36875938	Pro Tec Engine Fluid (5 Gal.)		Maintenance
	36840411	Scavenge Check Valve		Oil Piping
	22195820	Thermostat, OTBV		Oil Piping
	54721337	Scavenge Adaptor		Oil Piping
	92877620	Scavenge Adaptor O-Ring		Oil Piping
	95022307	O-Ring, OTBV		Oil Piping
	36788172	Seal, OTBV		Oil Piping
	22685507	Insert, Site Gauge		Oil Separator
	22685481	Elbow, Sight Tube, Top		Oil Separator
	22685499	Elbow, Sight Tube, Bottom		Oil Separator
	35279942	O-Ring, Oil Fill Plug		Oil Separator
	22685523	Sight Tube		Oil Separator
	22111975	Separator Element		Oil Separator
	36897346	Compressor, Oil Filter Element		Oil Separator
	35316868	Grease Seal		Running Gear
	35379395	Dust Cap EZ Lube		Running Gear
	46578941	Dual Regulation Solenoid		Service Air
	36840841	Valve, 2-Way Solenoid 24V		Service Air
	54496773	Transducer, 0 - 225 PSI		Service Air
	36920825	Transducer, 0-100 PSI		Service Air
	36766756	Orifice Muffler .140"		Service Air
	36766731	Orifice Muffler .156"		Service Air
	35322379	Blow Down Valve		Service Air
	35380732	Minimun Pressure Valve Spring		Service Air
	35379064	Repair Kit		Service Air
	36896892	Pressure Regulator		Service Air
	35380740	Minimun Pressure Valve Spring		Service Air
	35612126	Ball Valve		Service Air
	35380724	Minimun Pressure Valve O-Ring		Service Air
	54731443	Safety Valve		Service Air

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
	46615039	500 hour Maintenance Kit		
	36897346	Lube Element		
	54717145	Air Element Primary Airend		
	54717152	Air Element Safety Airend		
	46595499	Air Filter Primary Direct Flow		
	46595500	Air Filter Secondary Direct Flow		
	46558720	Engine Lube Element		
	46587383	Engine Fuel Element		
	46595859	Crankcase Filter		
	46554959	Water/Fuel Filter Element		
	46615040	1000 Hour Maintenance Kit		
	36897346	Lube Element		
	54717145	Air Element		
	54717152	Air Element		
	46595499	Air Filter Primary Direct Flow		
	46595500	Air Filter Secondary Direct Flow		
	46558720	Engine Lube Element		
	46587383	Engine Fuel Element		
	46595859	Crankcase Filter		
	46554959	Water/Fuel Filter Element		
	22111975	Element, Separator		
	IQ Filters			
	23186745	Primary IQ Filter		
	23186760	Secondary IQ Filter		
	23343221	Drain Filter		

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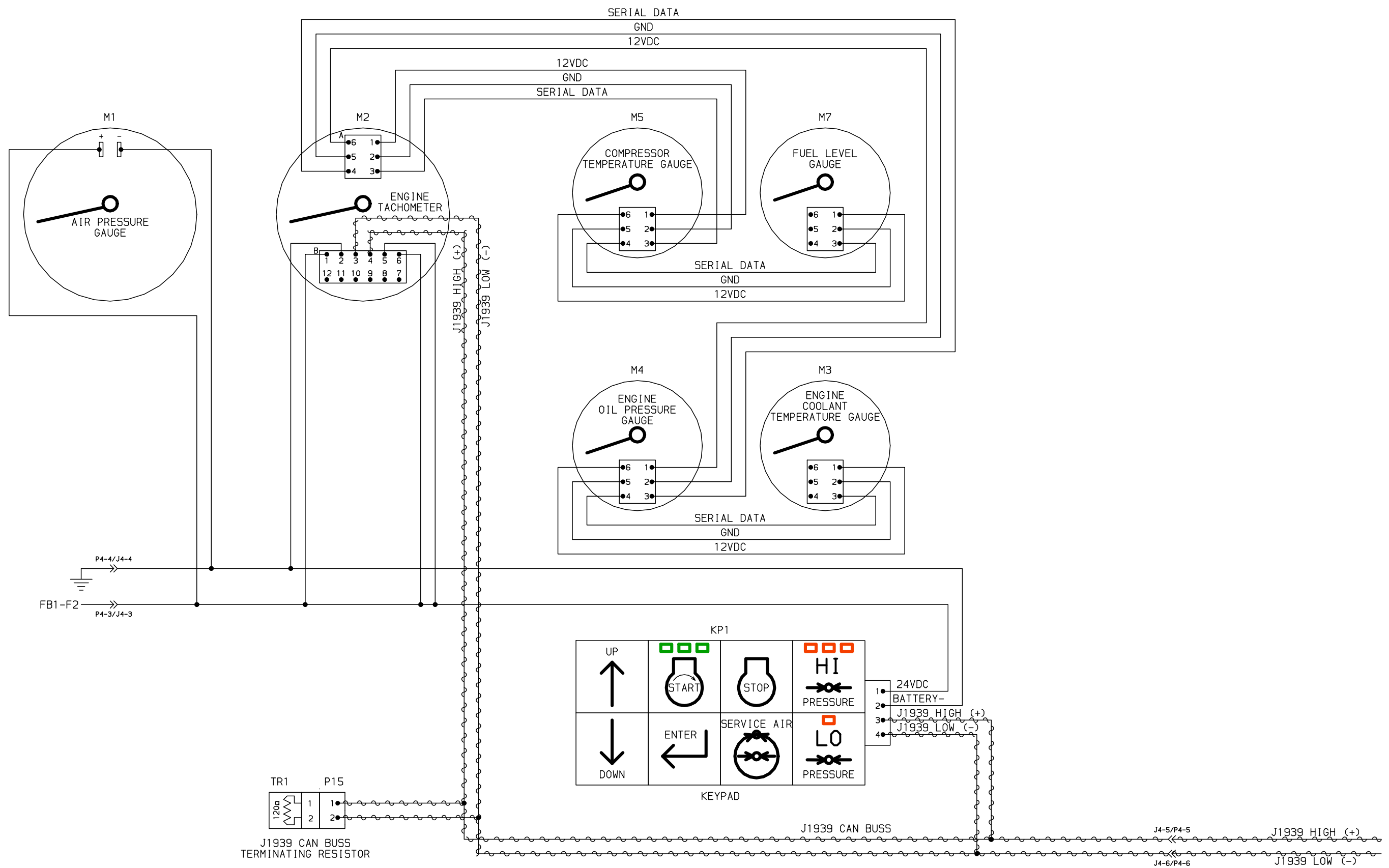
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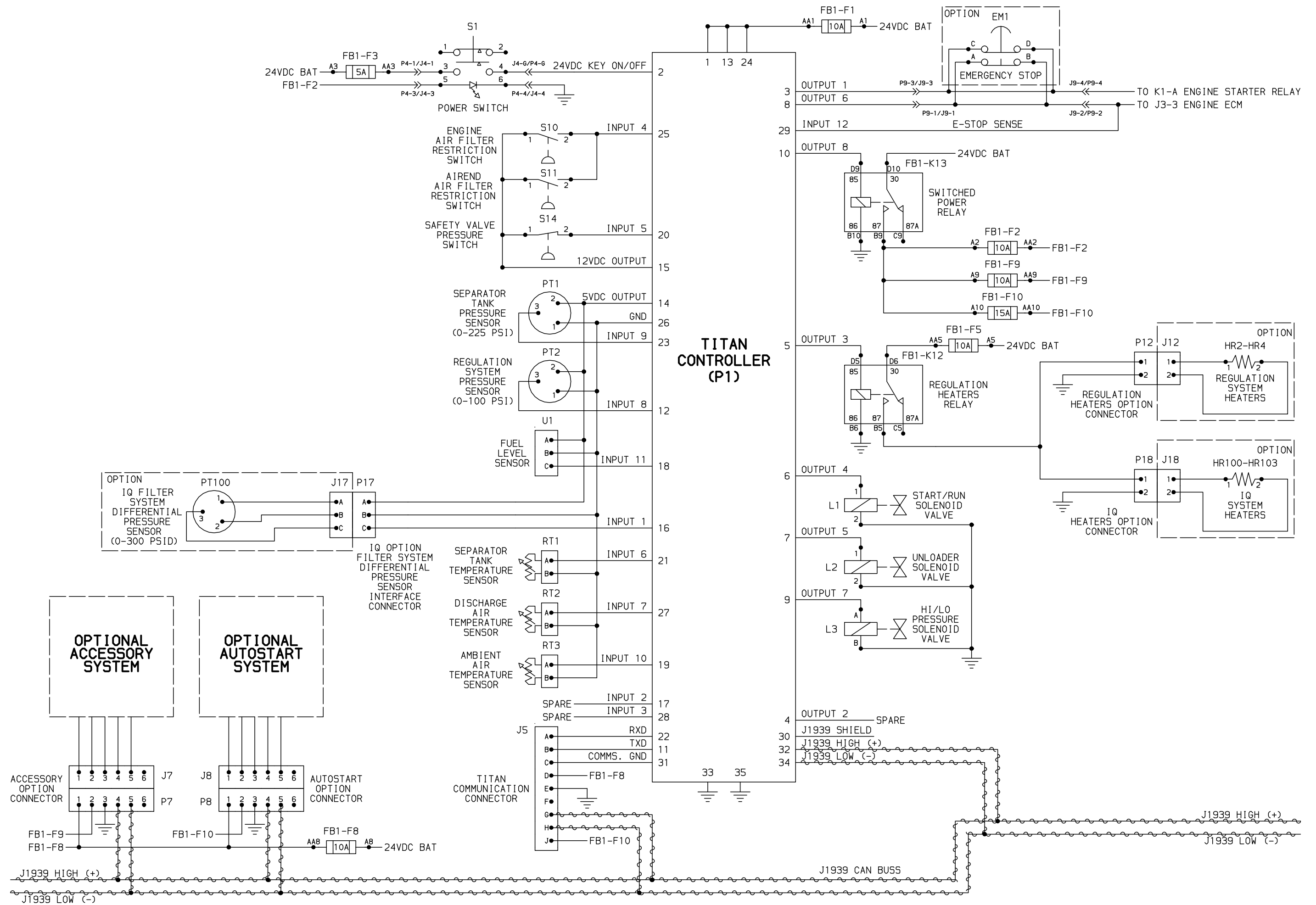
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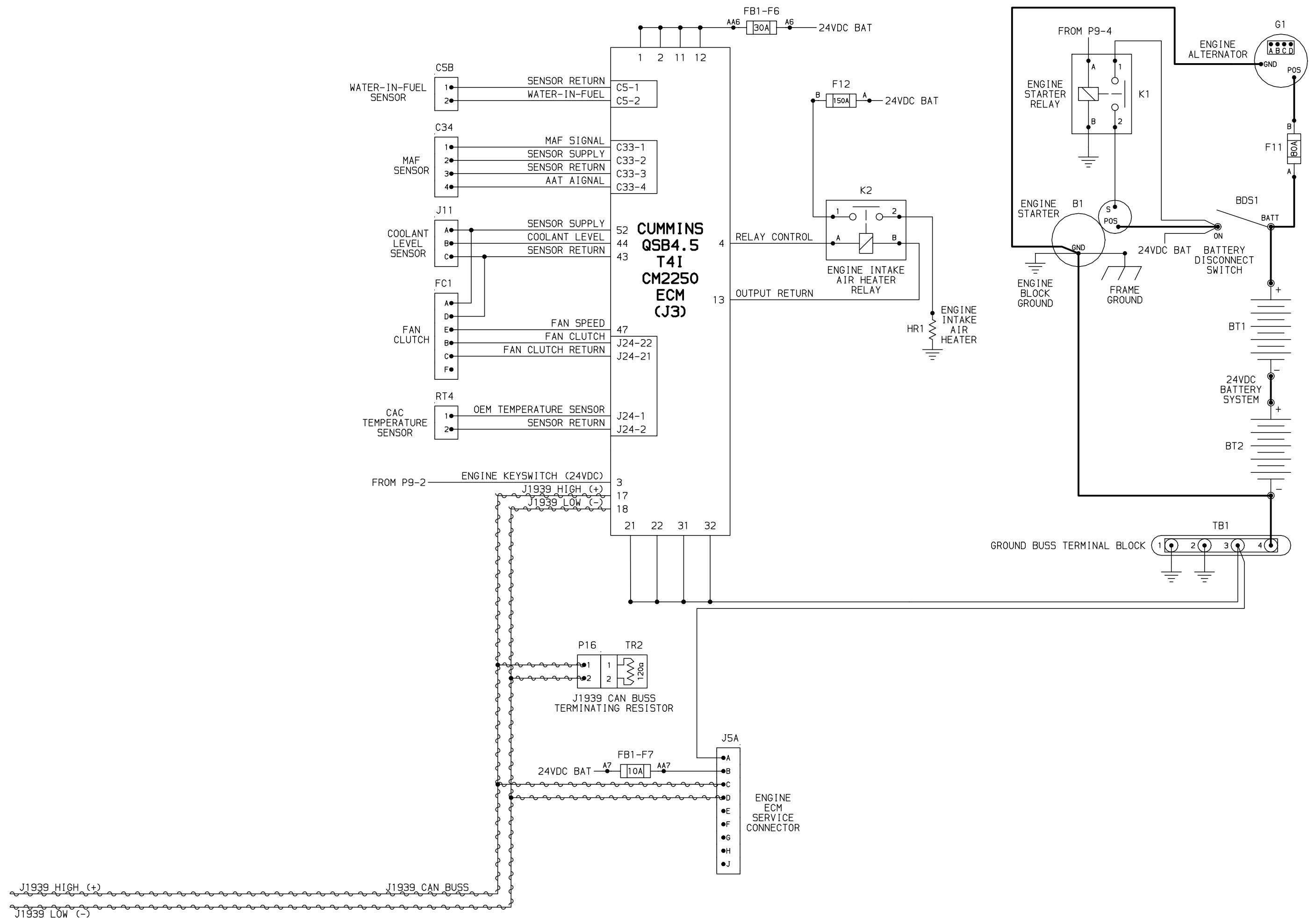


WIRING DIAGRAMS

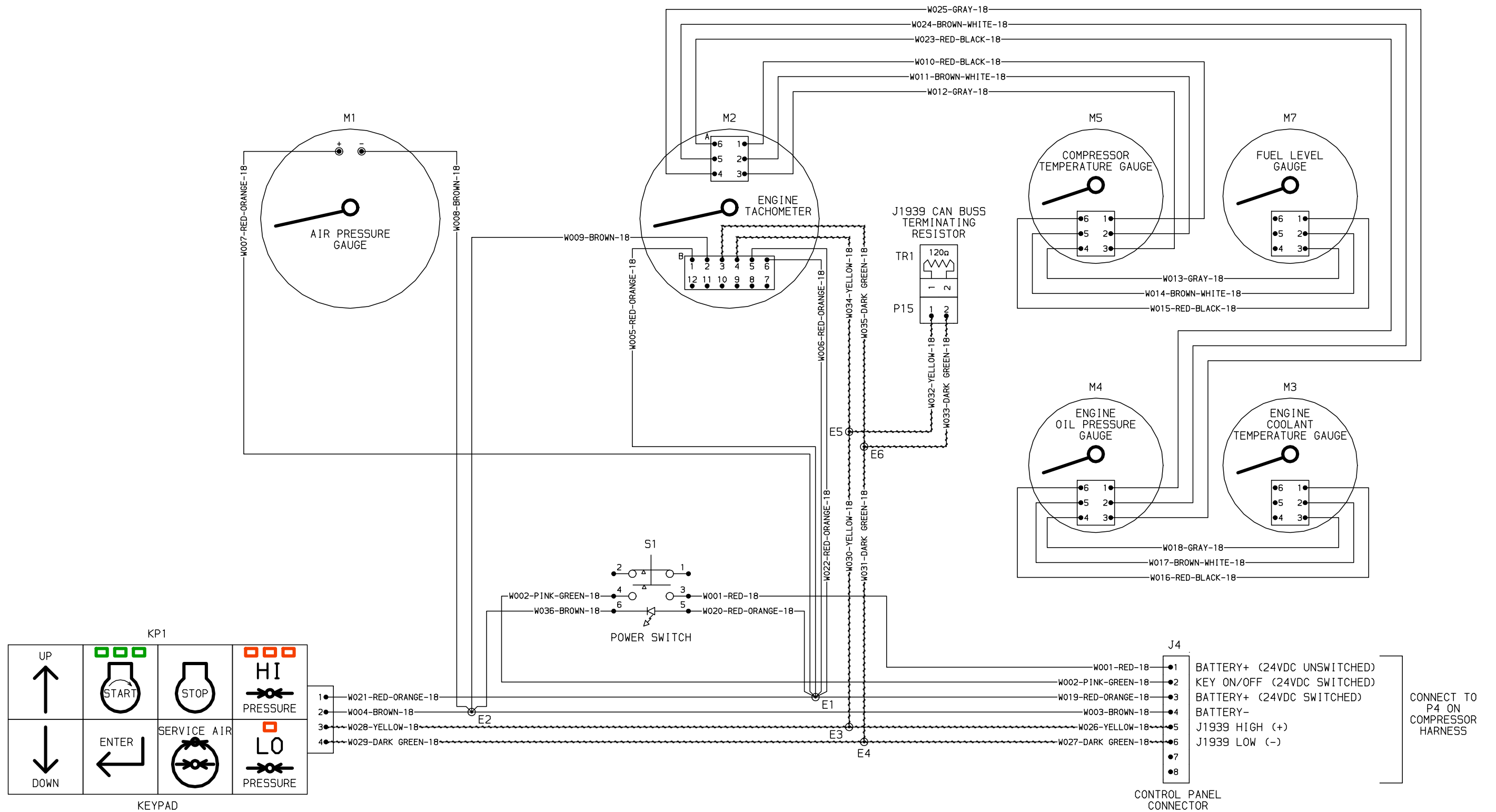




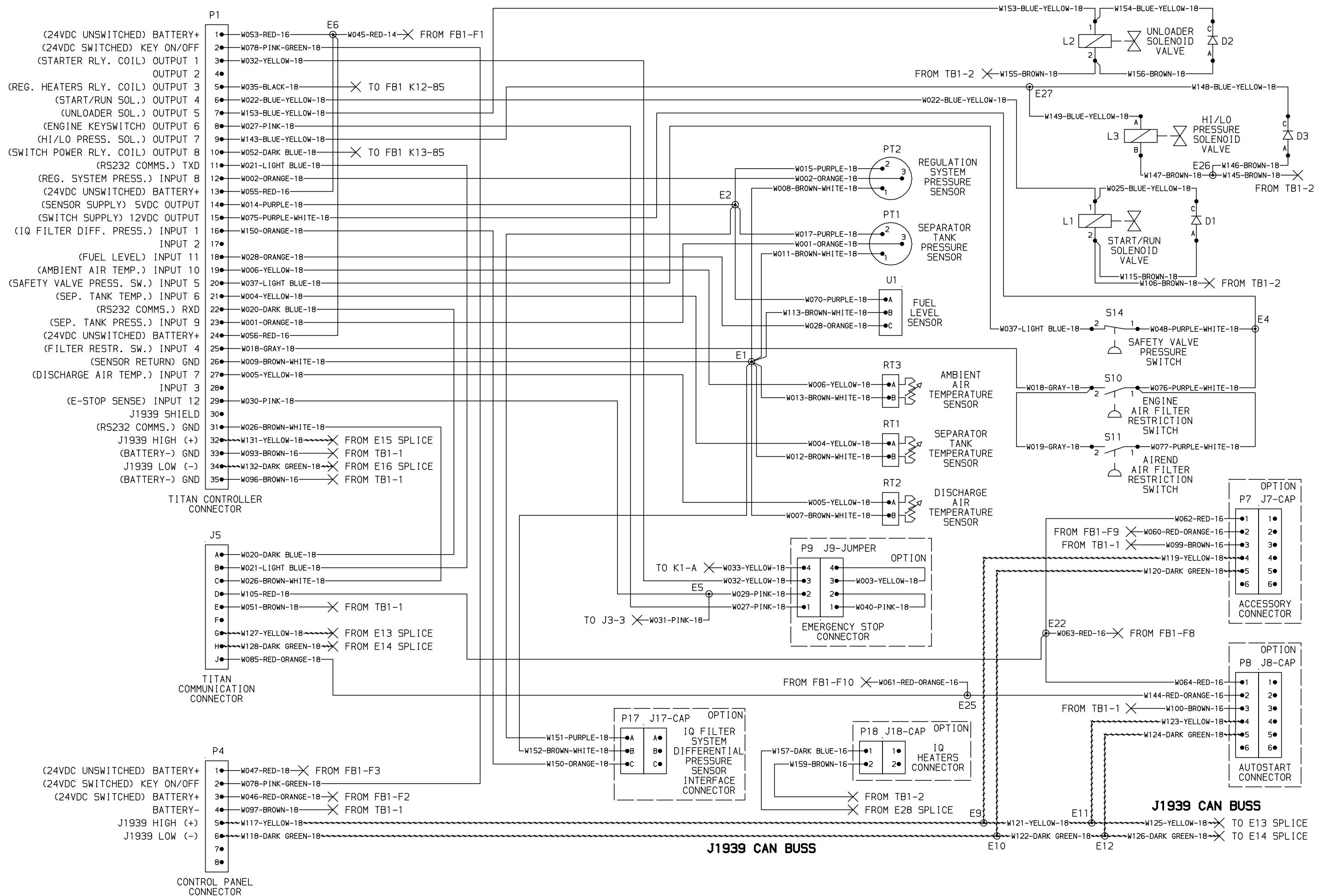
Compressor and Engine Control System Schematic 46582499 Rev.B (sheet 2)



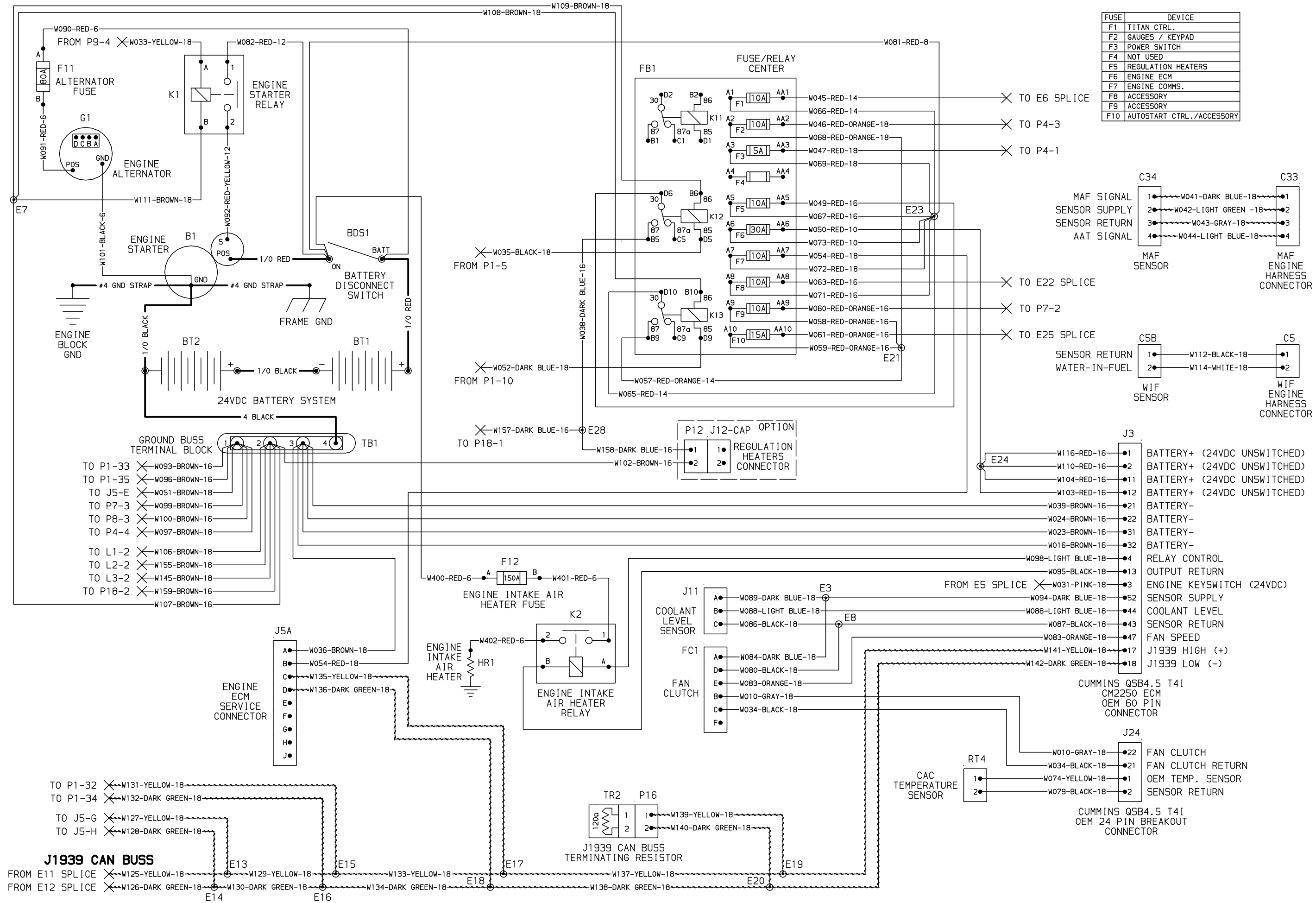
Compressor and Engine Control System Schematic 46582499 Rev.B (sheet 3)



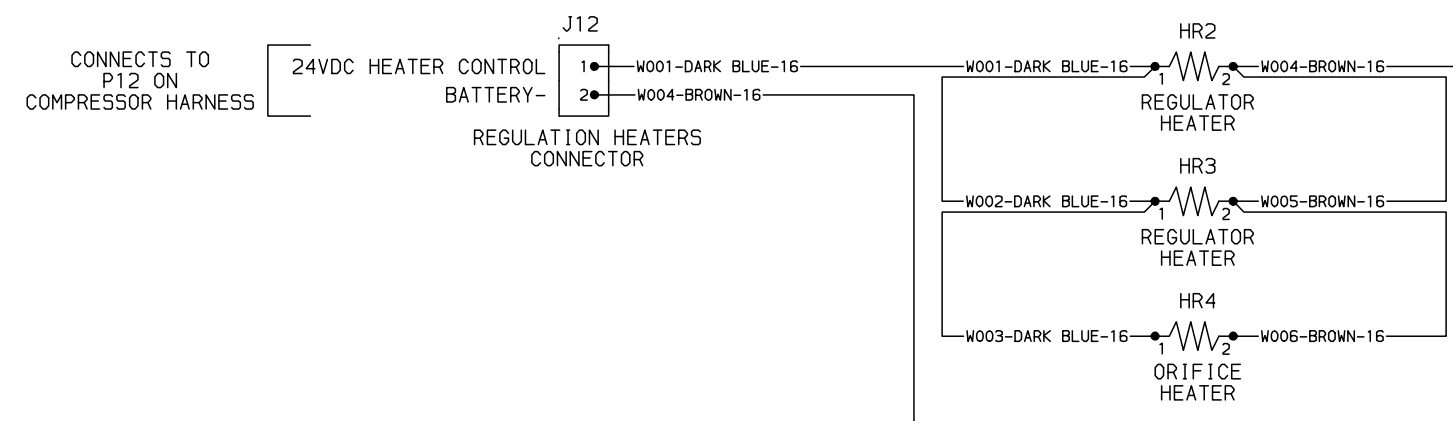
Control Panel Harness Schematic 46582502 Rev.A

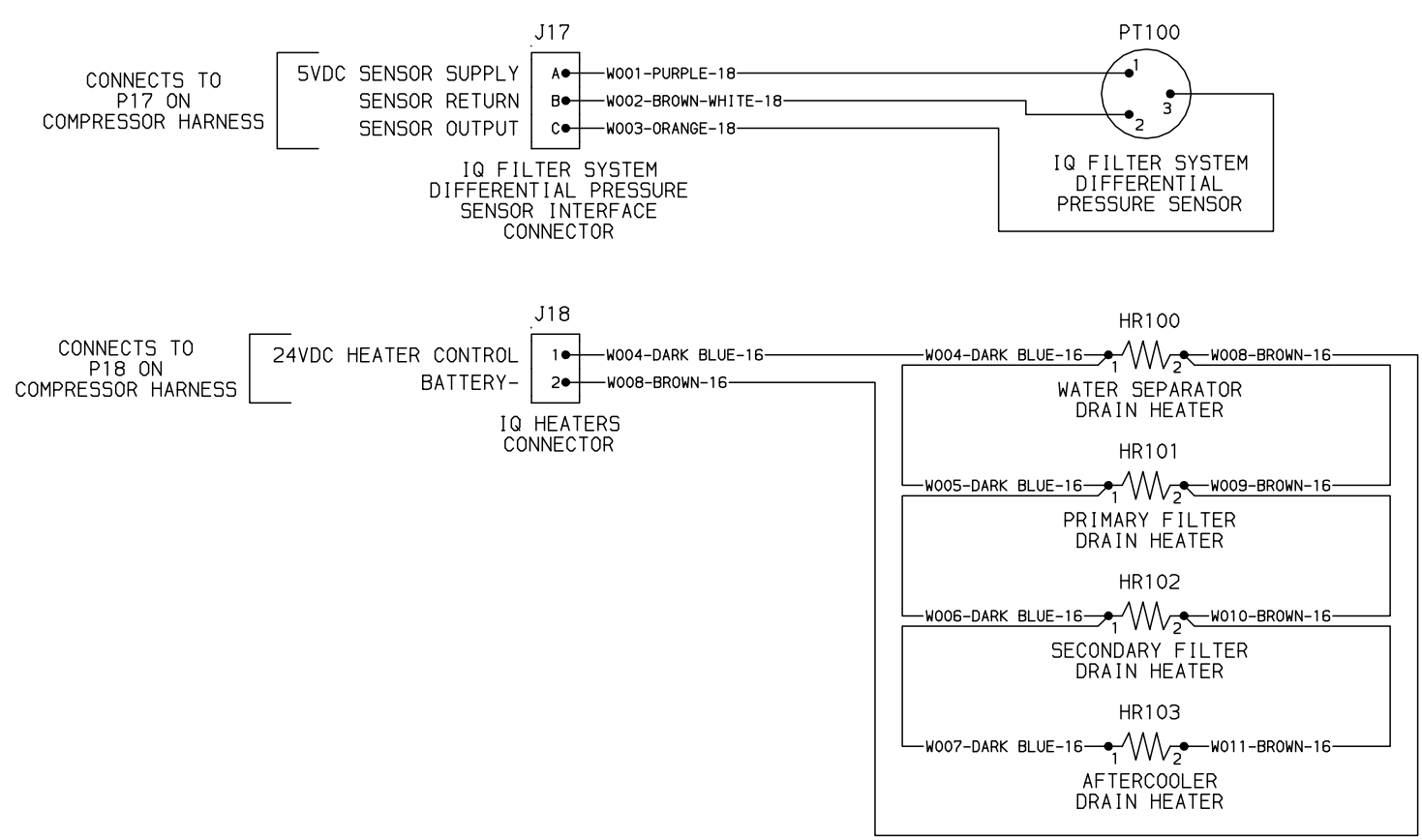


FUSE	DEVICE
F1	TITAN CTRL.
F2	GAUGES / KEYPAD
F3	POWER SWITCH
F4	NOT USED
F5	REGULATION HEATERS
F6	ENGINE ECM
F7	ENGINE COMMS.
F8	ACCESSORY
F9	ACCESSORY
F10	AUTOSTART CTRL./ACCESSORY

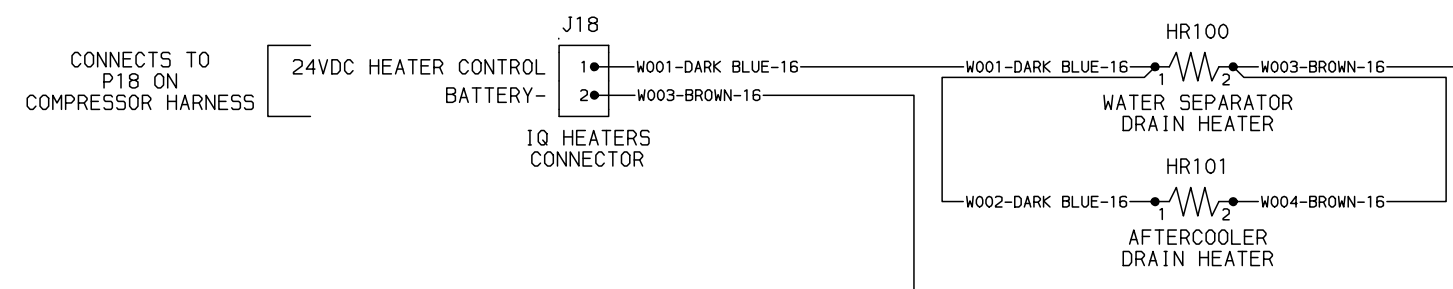


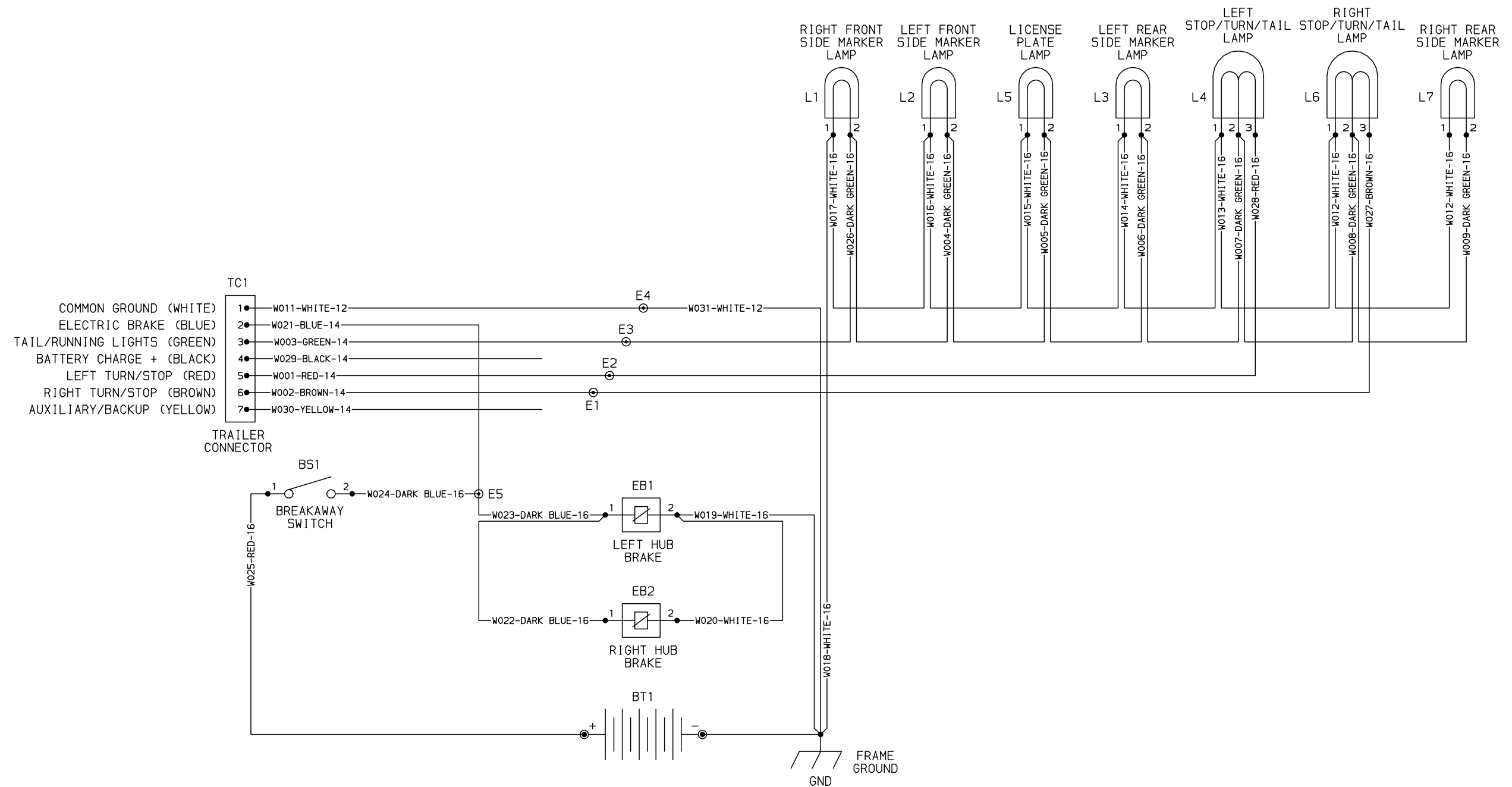
Compressor & Engine Harness Schematic 46582500 Rev.D (sheet 2)





IQ Option Harness Schematic 46617879 Rev.A





Trailer Harness Schematic 46546321 Rev.D

Electrical Parts List

Compressor and Engine		
Reference Designator	Description	Part Number
	Titan Controller	46551938
	Compressor & Engine Harness	46582501
	Engine Intake Heater Harness	46586199
	Battery Positive Stud to Stud Cable	46592121
	Battery Positive Cable	46592120
	Battery Negative Cable	46592122
	Battery Cable Jumper	22192801
	Frame Ground Strap 350mm	36783488
	Engine Ground Strap 750mm	23232762
B1	Engine Starter	Cummins Part
BDS1	Battery Disconnect Switch	46556146
BT1	Battery, 12 VDC	36844975
BT2	Battery, 12 VDC	36844975
C34	MAF Sensor	Cummins Part
D1	Diode	35376169
D2	Diode	35376169
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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	46590659
FB1-F1	Titan Controller Fuse 10 Amp	23091812
FB1-F2	Gauges / Keypad Fuse 10 Amp	23091812
FB1-F3	Power Switch Fuse 5 Amp	23326069
FB1-F5	Regulation Heaters Fuse 10 Amp	23091812
FB1-F6	Engine ECM Fuse 30 Amp	23091853
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HR1	Engine Intake Air Heater	Cummins Part
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-K12	Regulation Heaters Relay	23316250
FB1-K13	Switched Power Relay	23316250
L1	Start/Run Solenoid Valve	36840841

L2	Unloader Solenoid Valve	36881944
L3	Hi / Lo Pressure Solenoid Valve	46578941
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PT2	Regulation System Pressure Sensor	36920825
RT1	Separator Tank Temperature Sensor	23294820
RT2	Discharge Air Temperature Sensor	23294820
RT3	Ambient Air Temperature Sensor	23294838
RT4	CAC Temperature Sensor	46571299
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S14	Safety Valve Pressure Switch	46568519
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U1	Fuel Level Sensor	46570900

Control Panel		
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M2	Engine Tachometer with Display	46594639
M3	Engine Coolant Temperature Gauge	46558804
M4	Engine Oil Pressure Gauge	46558803
M5	Compressor Temperature Gauge	46558806
M7	Fuel Level Gauge	46565479
S1	Power Switch	46605159
TR1	J1939 CAN BUSS Terminating Resistor	23091804

Trailer		
Reference Designator	Description	Part Number
	Trailer Harness	46546339
BS1	Breakaway Switch	46554147
L1	Right Front Side Marker Lamp	35367051
L2	Left Front Side Marker Lamp	35367051
L3	Left Rear Side Marker Lamp	35367044
L4	Left Stop/Turn/Tail Lamp	36788081
L5	License Plate Lamp	36895860
L6	Right Stop/Turn/Tail Lamp	36788081
L7	Right Rear Side Marker Lamp	35367044

Options Electrical Parts List

Aftercooler Option		
Reference Designator	Description	Part Number
	Aftercooler Option Harness	46617919
HR100	Water Separator Drain Heater	36841526
HR101	Aftercooler Drain Heater	36841526

IQ Option		
Reference Designator	Description	Part Number
	IQ Option Harness	46617880
HR100	Water Separator Drain Heater	36841526
HR101	Primary Filter Drain Heater	36841526
HR102	Secondary Filter Drain Heater	36841526
HR103	Aftercooler Drain Heater	36841526
PT100	IQ Filter System Differential Pressure Sensor	46599239

Regulation Heaters Option		
Reference Designator	Description	Part Number
	Regulation Heaters Option Harness	46617921
HR2	Regulator Heater	36854677
HR3	Regulator Heater	36854677
HR4	Orifice Heater	36841526

Revision History

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