



Doosan Infracore
Portable Power

PARTS MANUAL

COMPRESSOR MODEL

XHP1170WCU-T4F (F77)
XHP1170WCU-T4F (F78)

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 branded 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.

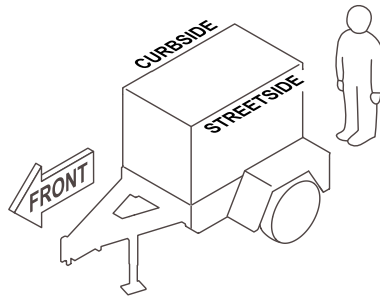
Special order parts may not be included in this manual. Contact the Portable Power Parts Department with the unit serial number for assistance with these special parts.

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

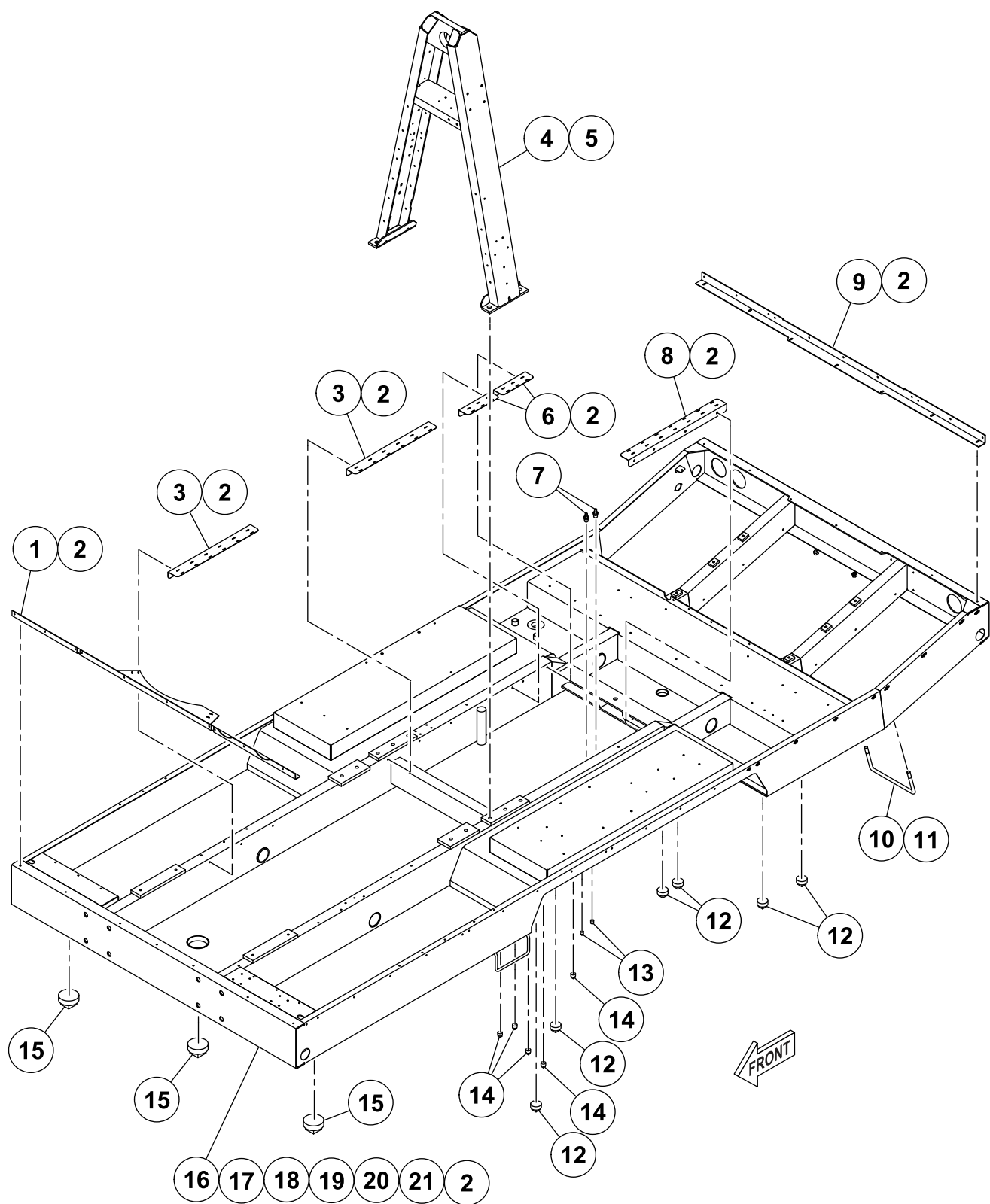
Always specify the model and serial number of the unit.

Specify the part number and description.



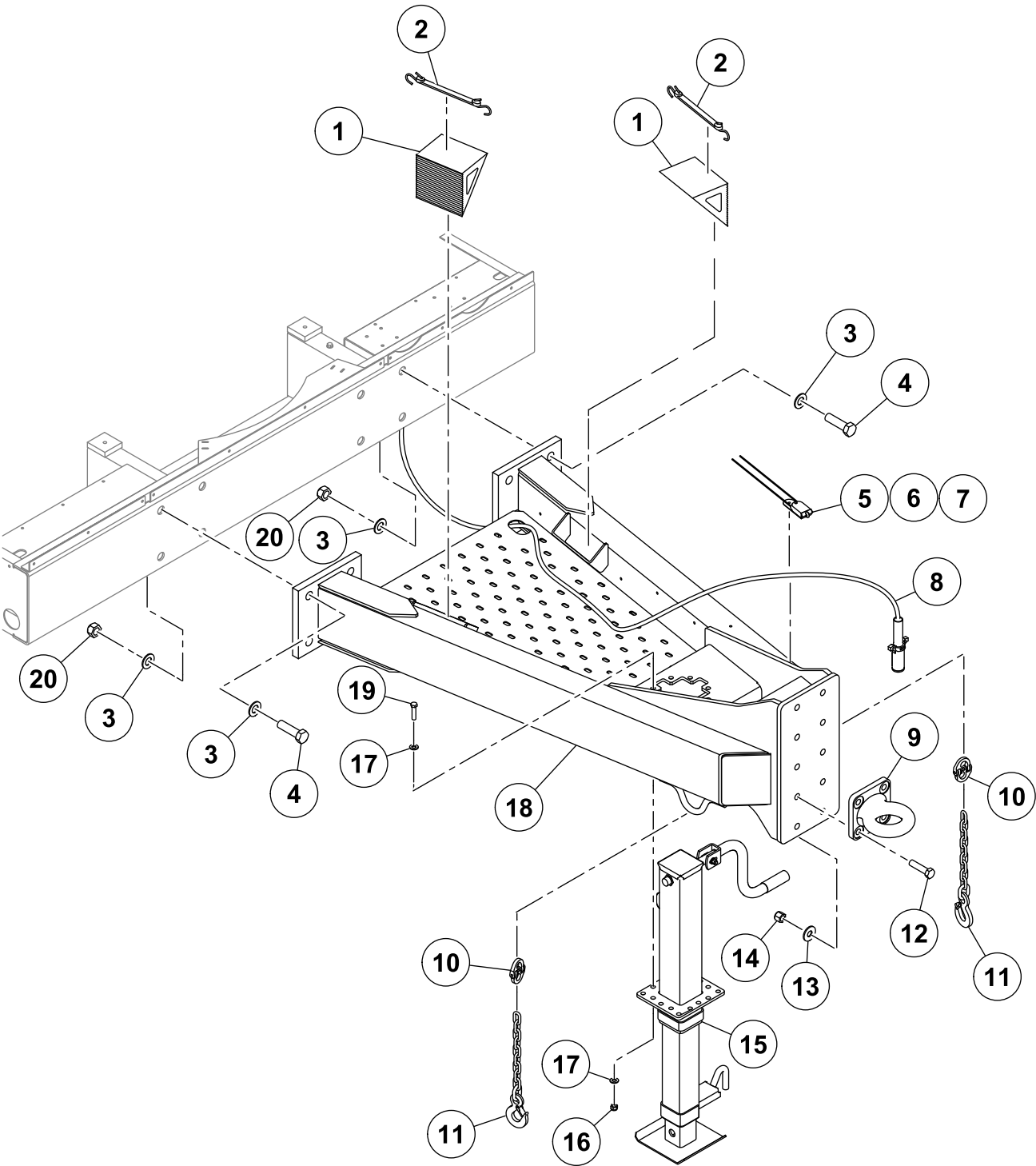
STANDARD PARTS

Frame, Tandem



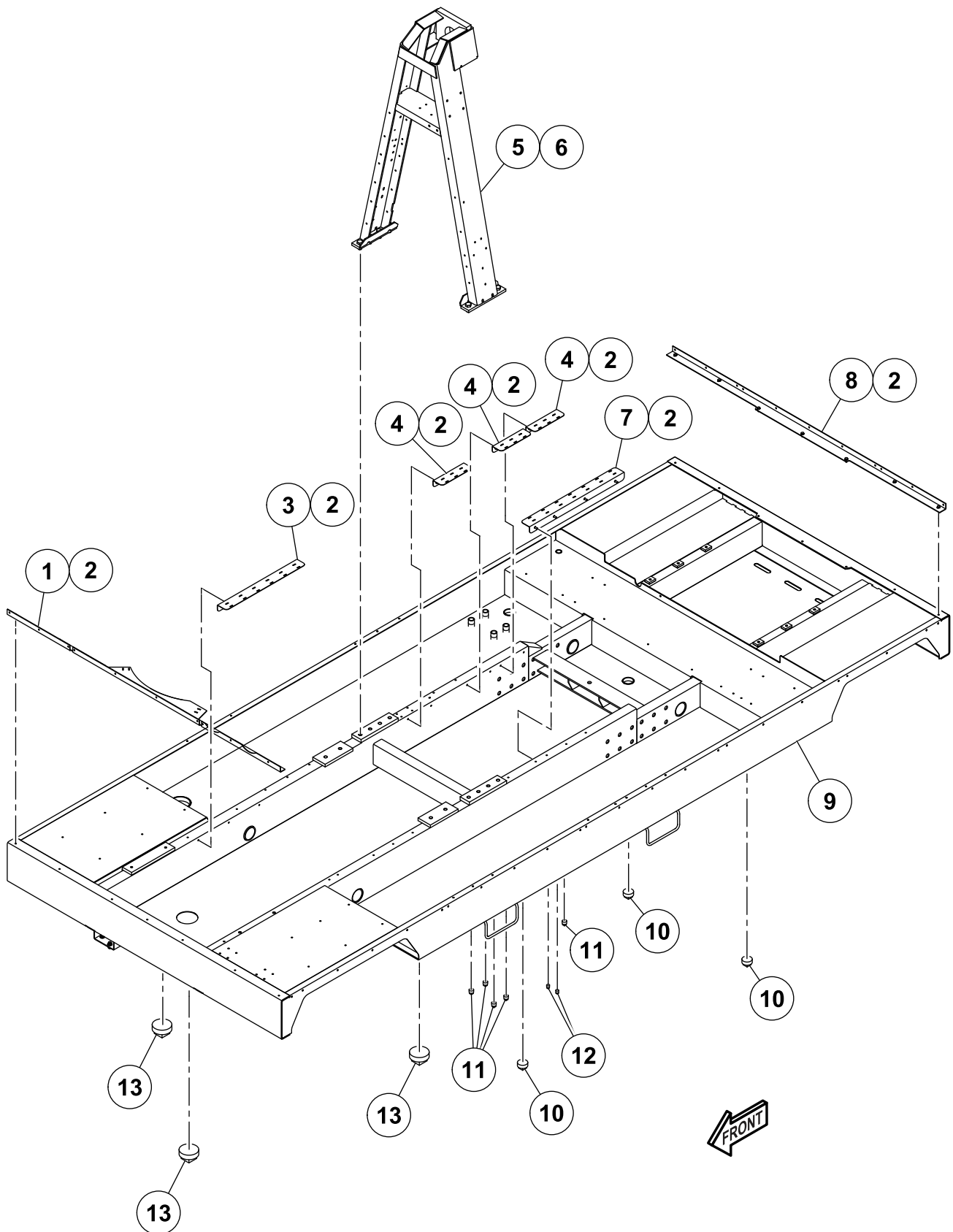
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46562179SB	Bracket, Front Mount	1	Tandem Running Gear Less Running Gear
2	35279025	Screw, Tapping, M08 - 1.25 X 20	50	
3	46566919SB	Bracket, Harness Support	2	
4	46652926SB	Bail, Tandem Lifting	1	
	46652927SB	Bail, Tandem Lifting, 108MM Offset Aft	1	
5	96700901	Screw, Hex Head, M20 - 2.5 X 40	6	
6	46566921SB	Bracket, Harness Support	2	
7	46651939	Connector, 3/8" NPT X 3/8"	2	
8	46641757SB	Bracket, Harness Support	1	
9	46557260SB	Bracket, Tandem Rear Mount	1	
10	35304666	Step	1	
11	95922910	Nut, Hex, 5/8" - 11	4	
12	95052239	Plug, Square Head, 2" NPT	6	
13	95990735	Plug, Square Head, 3/4" NPT	5	
14	46651016	Plug, Square Head, 3/8" NPT, Plastic	2	
15	95052247	Plug, Square Head, 4" NPT	3	
16	46671028SB	Frame	1	
17	35291285	Clamp, Support, 13/16" ID	12	
18	35225077	Clamp, Support, 11/16" ID	6	
19	35225093	Clamp, Support, 1/12" ID	7	
20	35356591	Cable Tie, 5/16" WD X 14.5"	11	
21	35346741	Nut, Retainer, 5/16" - 18	29	

Frame, Tandem, Drawbar



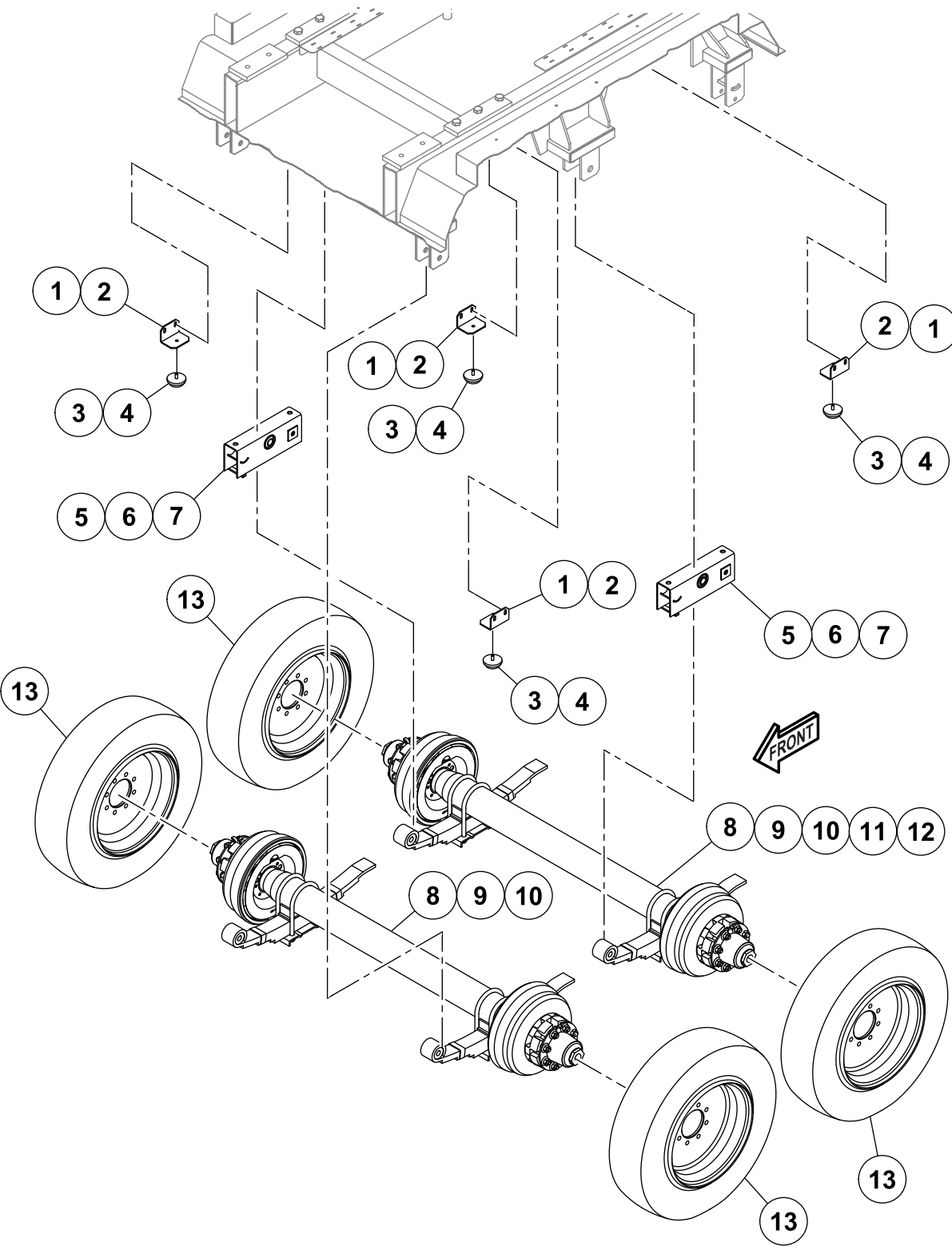
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35603190	Wheel Chock	2	
2	35333830	Strap, Tie Down	2	
3	95939492	Washer, Flat, 1" ID	16	
4	95996179	Screw, Hex, 1" - 8 X 3-1/2"	8	
5	46554147	Switch, Breakaway	1	
6	35225093	Clamp, Support, 1/2" ID Rubber Coated	4	
7	35279025	Screw, Tapping, M08 - 1.25 X 20	4	
8	46578804	Harness, Trailer, Tail Light w/ 7-Way Semi-Connector	1	Use with Frame 46641459SB
	46671027	Harness, Trailer, Tail Light w/ 7-Way Semi-Connector	1	Use with Frame 46671028SB
9	36880128	Pintle, Eye	1	
10	35369800	Link, Coupling	2	
11	36870475	Chain, Safety	2	
12	95935201	Screw, Hex, 3/4" - 10 X 3"	4	
13	95922282	Washer, Flat, 3/4" ID	4	
14	95923363	Nut, Hex Nylon Insert, 1" - 8	4	
15	46573339SB	Jack Assembly	1	
	46577499SB	Plate, Jack Mounting	1	Not Shown
16	35304047	Nut, Hex Nylon Insert, M12 - 1.75	8	
17	95935003	Washer, Flat, 1/2" ID	16	
18	22687784SB	Drawbar Assembly	1	
19	96730395	Screw, Hex, M12 - 1.75 X 50	8	
20	95996187	Nut, Hex Lock, 1" - 8	8	

Frame, Wagon



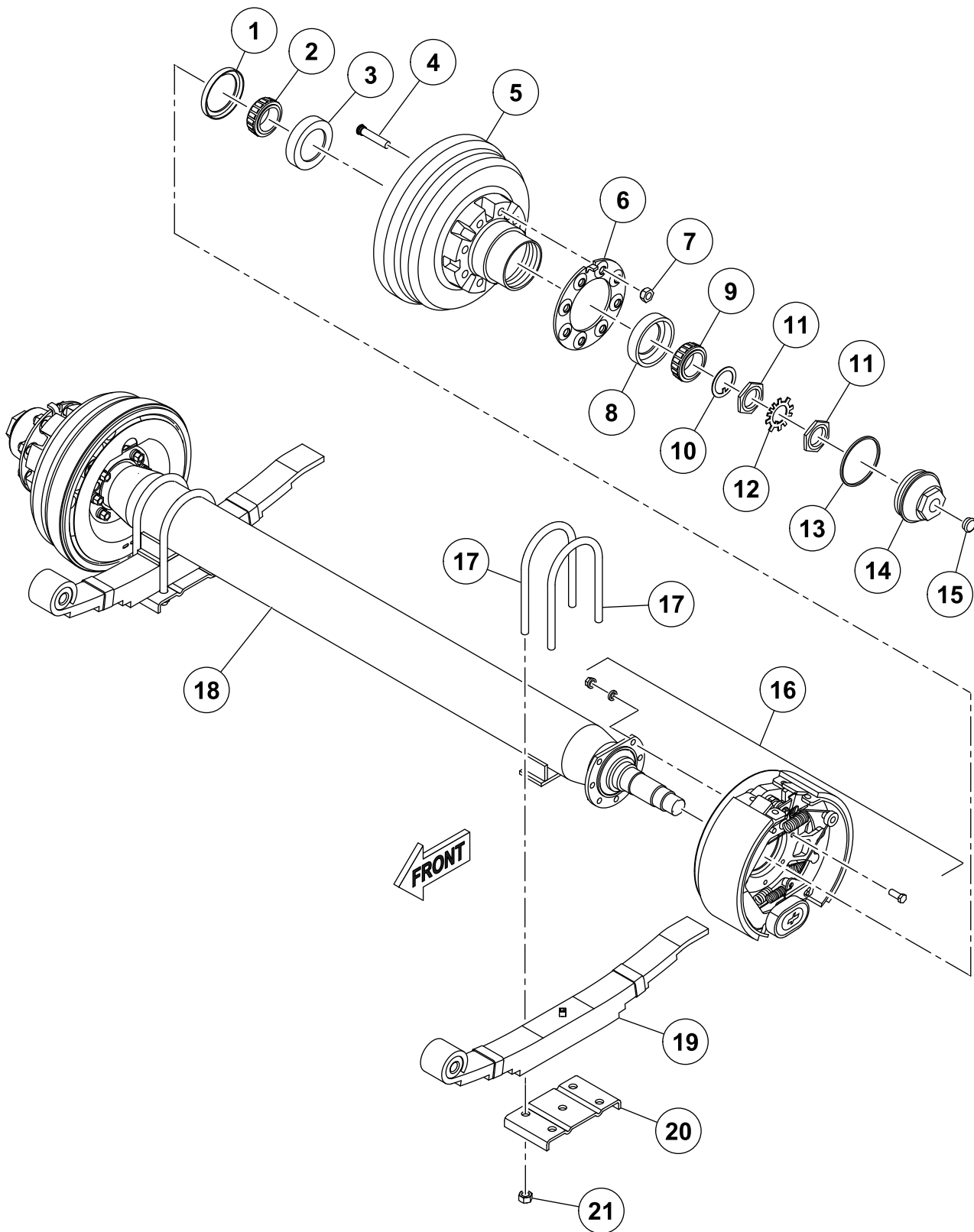
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46562179SB	Bracket, Front Mount	1	
2	35279025	Screw, Tapping, M08 - 1.25 X 20	50	
3	46566919SB	Bracket, Harness Support	2	
4	46566921SB	Bracket, Harness Support	2	
5	46652928SB	Bail, Lifting, 203mm Offset	1	
6	96700901	Screw, Hex Head, M20 - 2.5 X 40	8	
7	46641757SB	Bracket, Harness Support	1	
8	46590259SB	Bracket, Rear Mount, Wagon	1	
9	46641460SB	Frame	1	
10	95052239	Plug, Square Head, 2" NPT	3	
11	95990735	Plug, Square Head, 3/4" NPT	5	
12	46651016	Plug, Square Head, 3/8" NPT, Plastic	2	
13	95052247	Plug, Square Head, 4" NPT	3	

Running Gear, Tandem, Installation



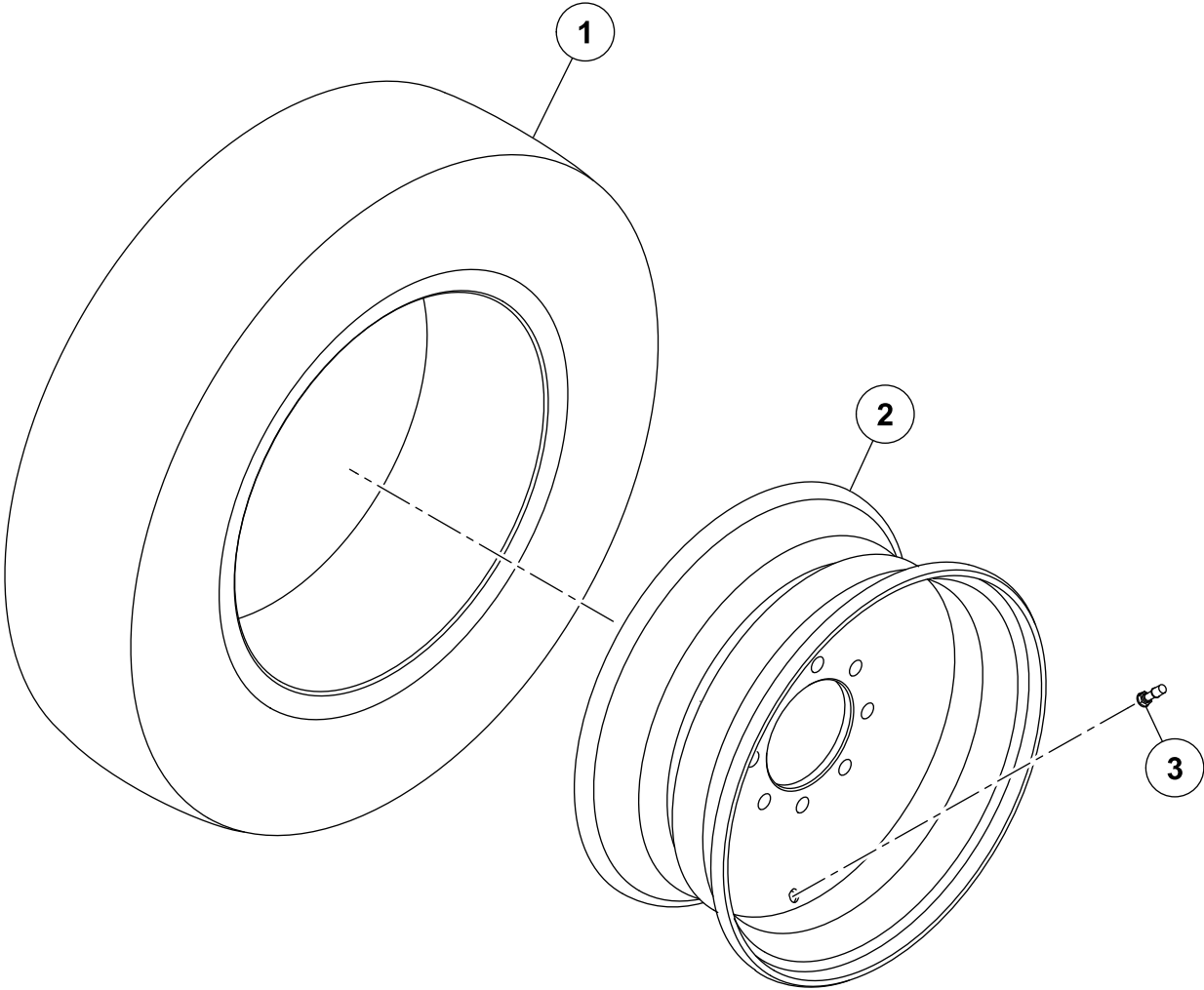
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	22789242SB	Support, Axle Bump	4	
2	35279025	Screw, Tapping, M08 - 1.25 X 20	8	
3	22789226	Spacer, Axle Bump	4	
4	95923322	Nut, Hex Nylon Lock, 3/8" - 16	4	
5	22688493	Bar, Equalizer	2	
6	95920336	Screw, Hex, 1" - 8 X 6"	2	
7	95923348	Nut, Hex Nylon Insert, 1/2" - 13	2	
8	22774863	Tandem Axle Assembly	2	
9	95929139	Screw, Hex, 3/4" - 10 X 4-1/2"	4	
10	95923363	Nut, Hex Nylon Insert, 3/4" - 10	4	
11	95919676	Screw, Hex, 1/2" - 13 X 4-1/2"	2	
12	95923207	Nut, Hex Nylon Insert, 1" - 8	2	
13	36090629	Wheel And Tire Assembly	4	

Running Gear, Tandem, Axle Assembly

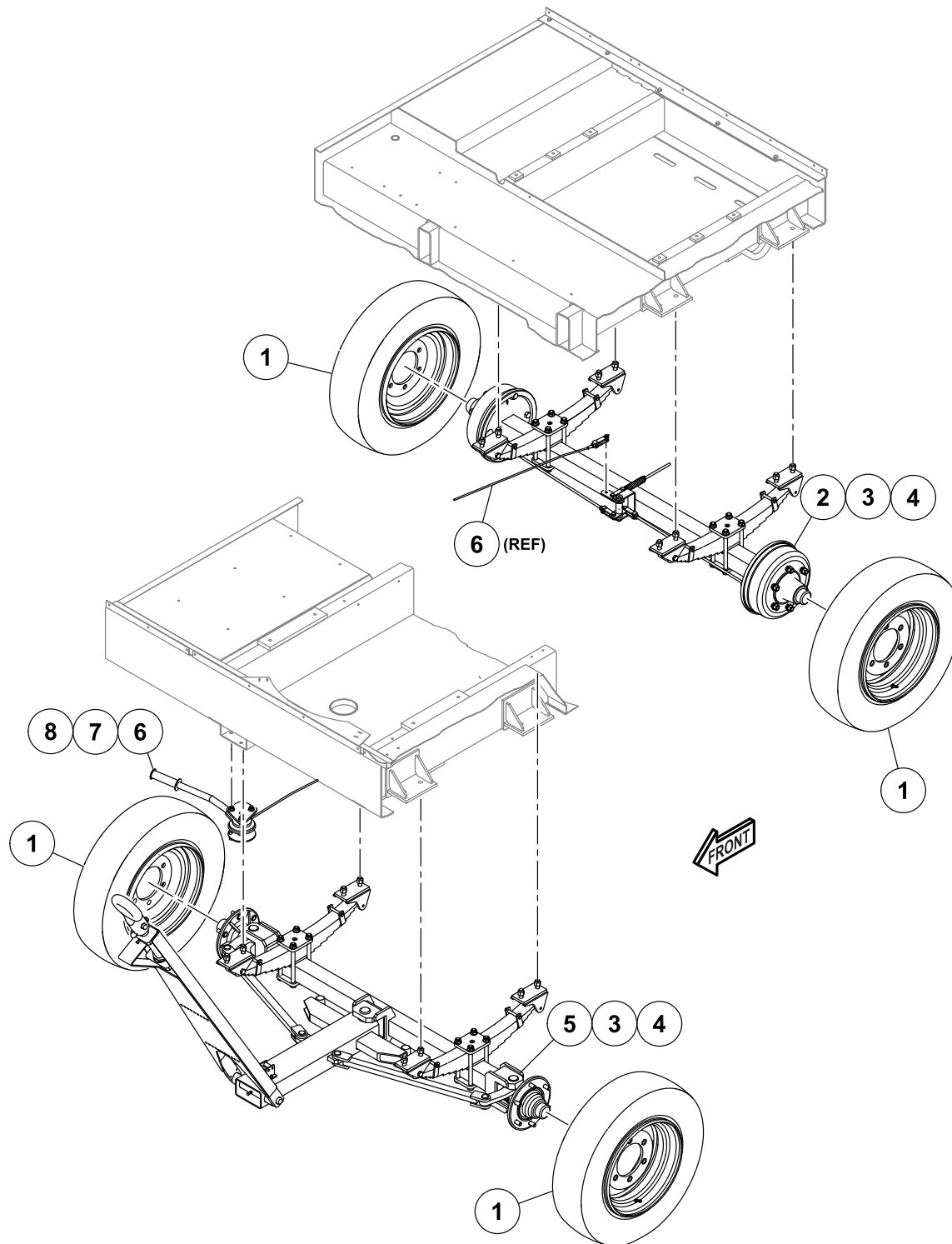


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	22877138	Oil Seal	2	
2	22877146	Bearing Cone, Inner 387A	2	
3	22877161	Bearing Cup, Inner 382A	2	
4	22860449	Stud, 5/8"	16	
5	22777825	Hub And Drum Assembly	2	
6	36878049	Ring	2	
7	22866669	Nut, Cone , 5/8"	16	
8	22877112	Bearing Cup, Outer	2	
9	22877120	Bearing Cone, Outer	2	
10	22866628	Washer, Tang	2	
11	22866636	Nut, Spindle	4	
12	22866644	Washer, Spindle	2	
13	22870257	O-Ring	2	
14	22777841	Grease Cap	2	
15	22870265	Cap, Grease Plug	2	
16	22857544	Brake Assembly, LH Electric	1	
	22868467	RH Shoe and Lining Kit		
	22868541	Magnet Kit		
	22868491	Spring, Centering		
	22868707	Spring, Return		
	22868574	Adjuster, Spring		
	22866610	Adjuster, Assembly LH		
	22857551	Brake Assembly, RH Electric	1	
	22868655	RH Shoe and Lining Kit		
	22868541	Magnet Kit		
	22868491	Spring, Centering		
	22868707	Spring, Return		
	22868574	Adjuster, Spring		
	22866602	Adjuster, Assembly RH		
17	22870273	U-Bolt	4	
18	22777767	Axle Beam, Standard	1	
19	22786974	Spring, Rubber Bushed	2	
20	22870281	Tie Plate	2	
21	22870299	Nut	8	

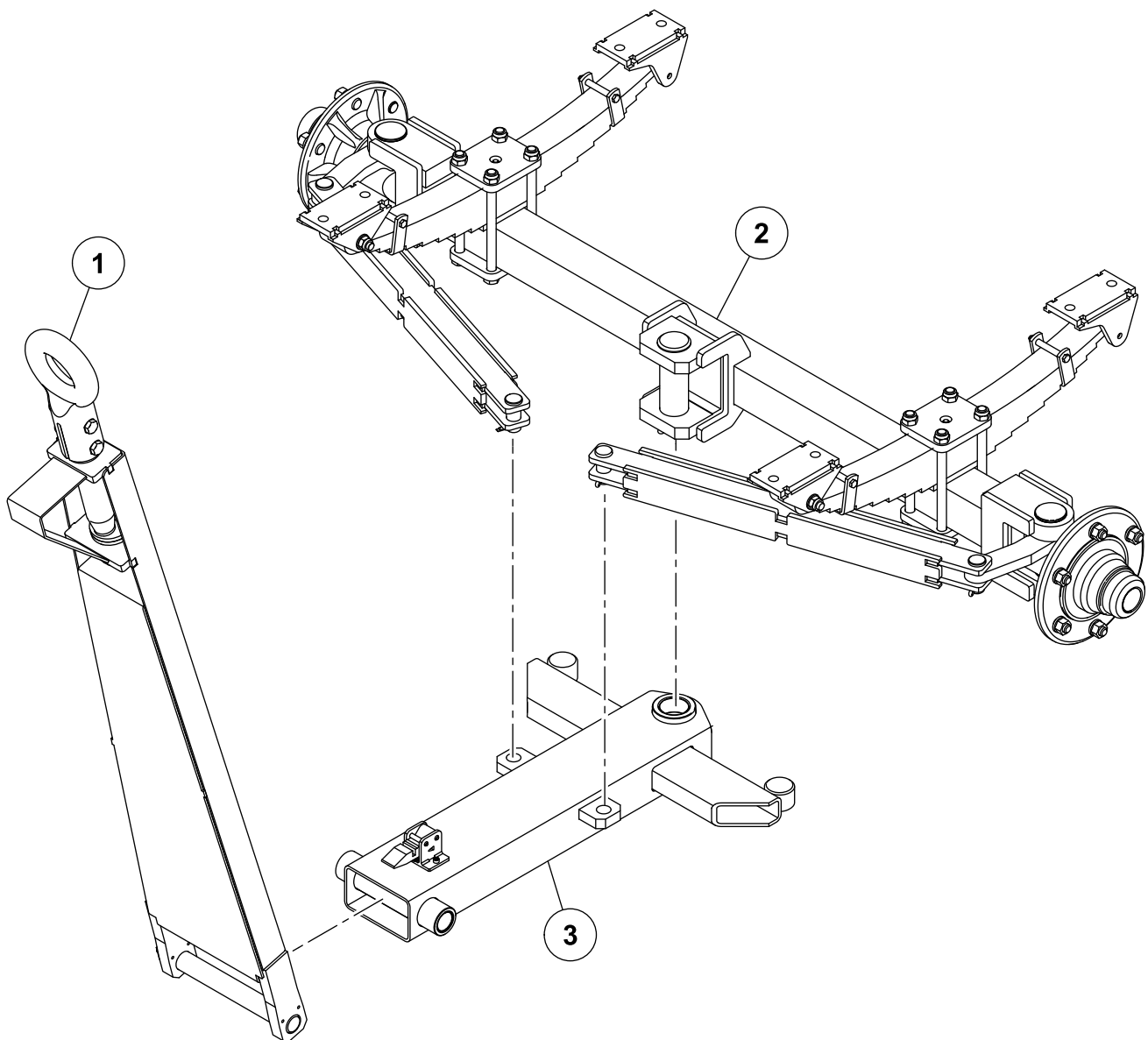
Running Gear, Wheel And Tire Assembly



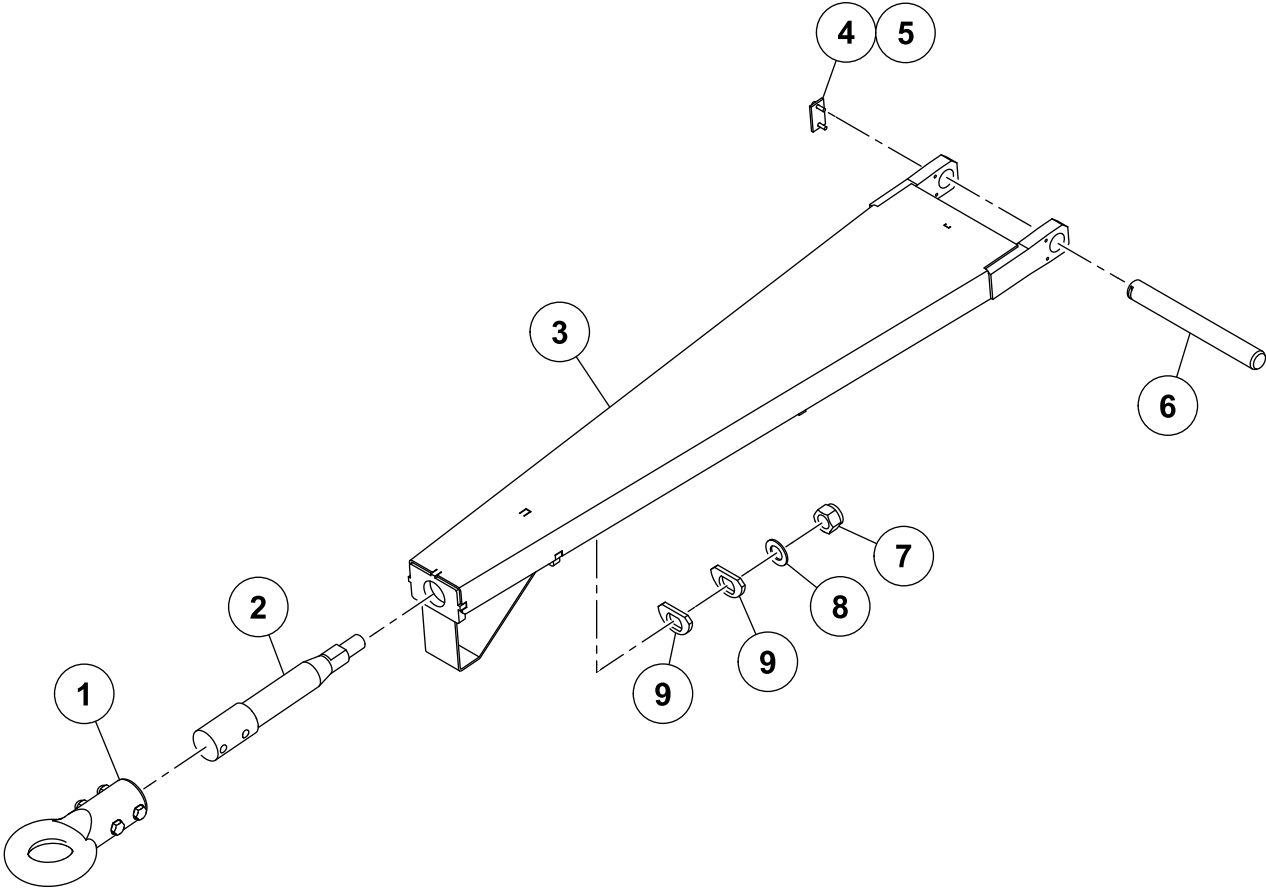
Running Gear, Wagon, Installation



Running Gear, Wagon, Axle Assembly, Front

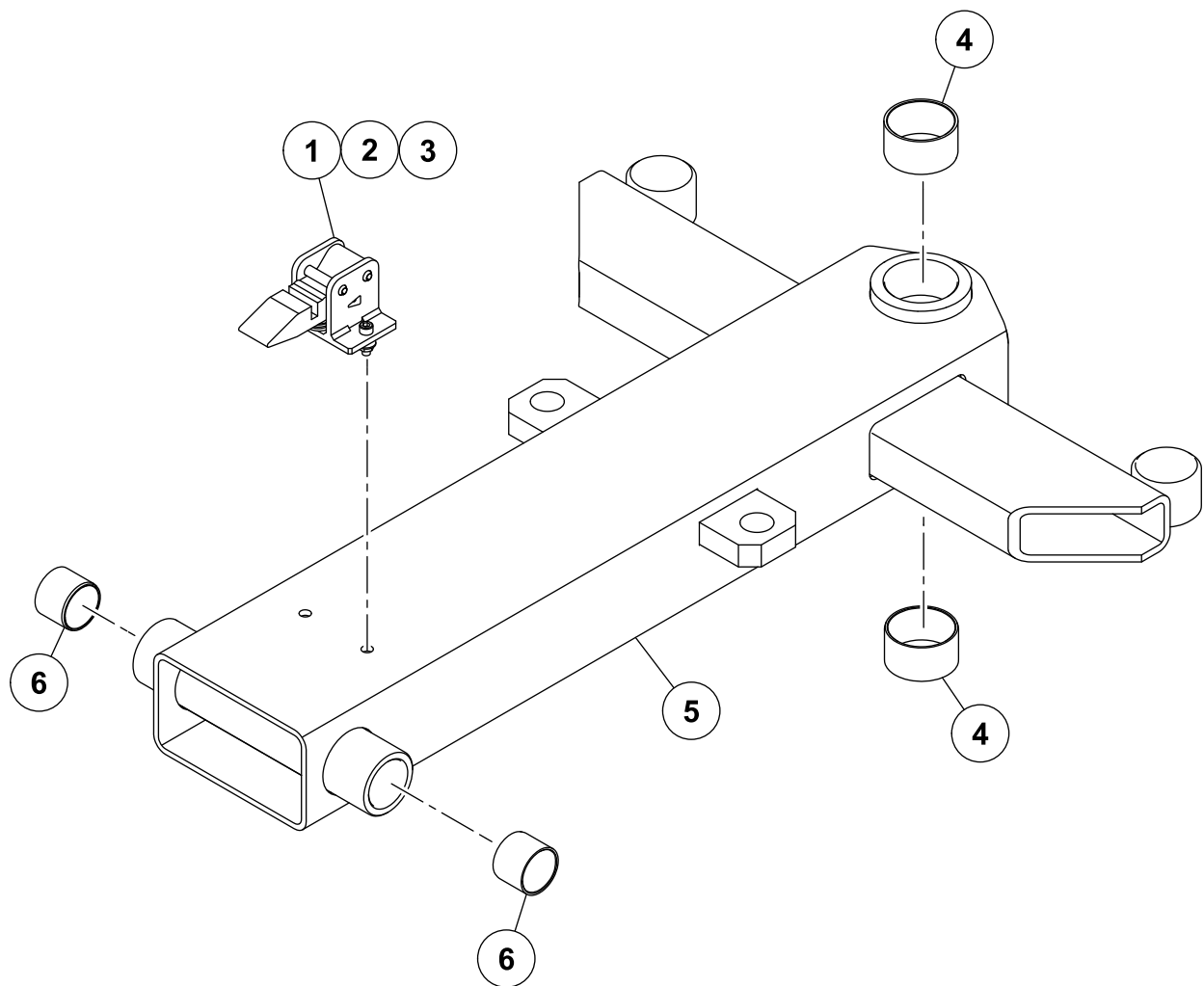


Running Gear, Wagon, Drawbar Assembly

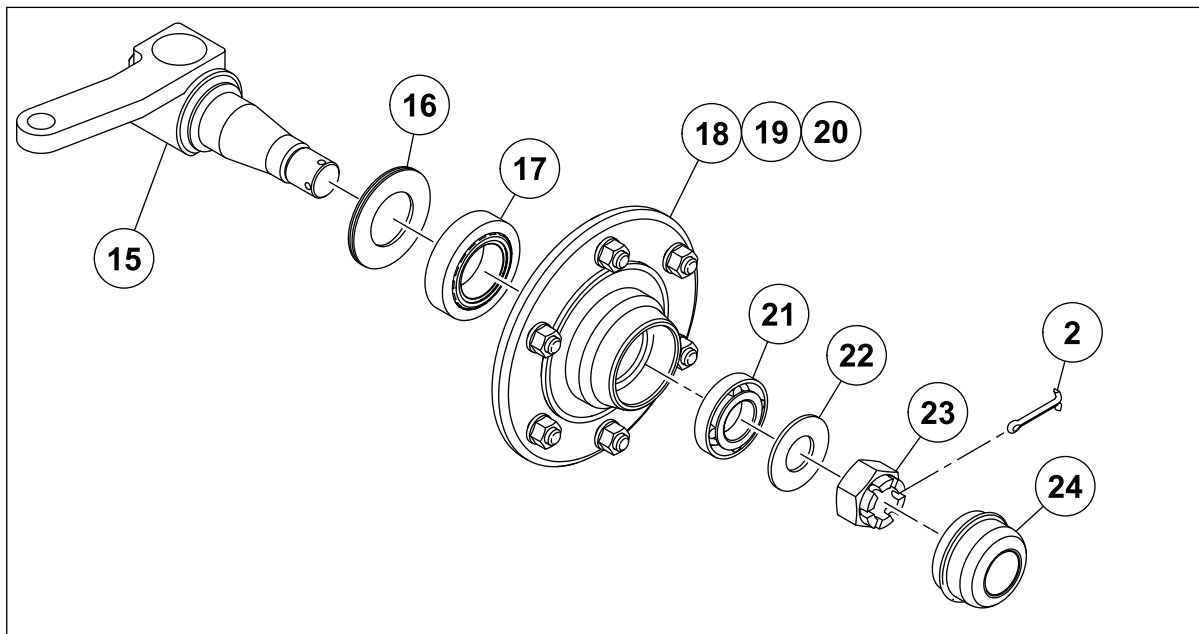
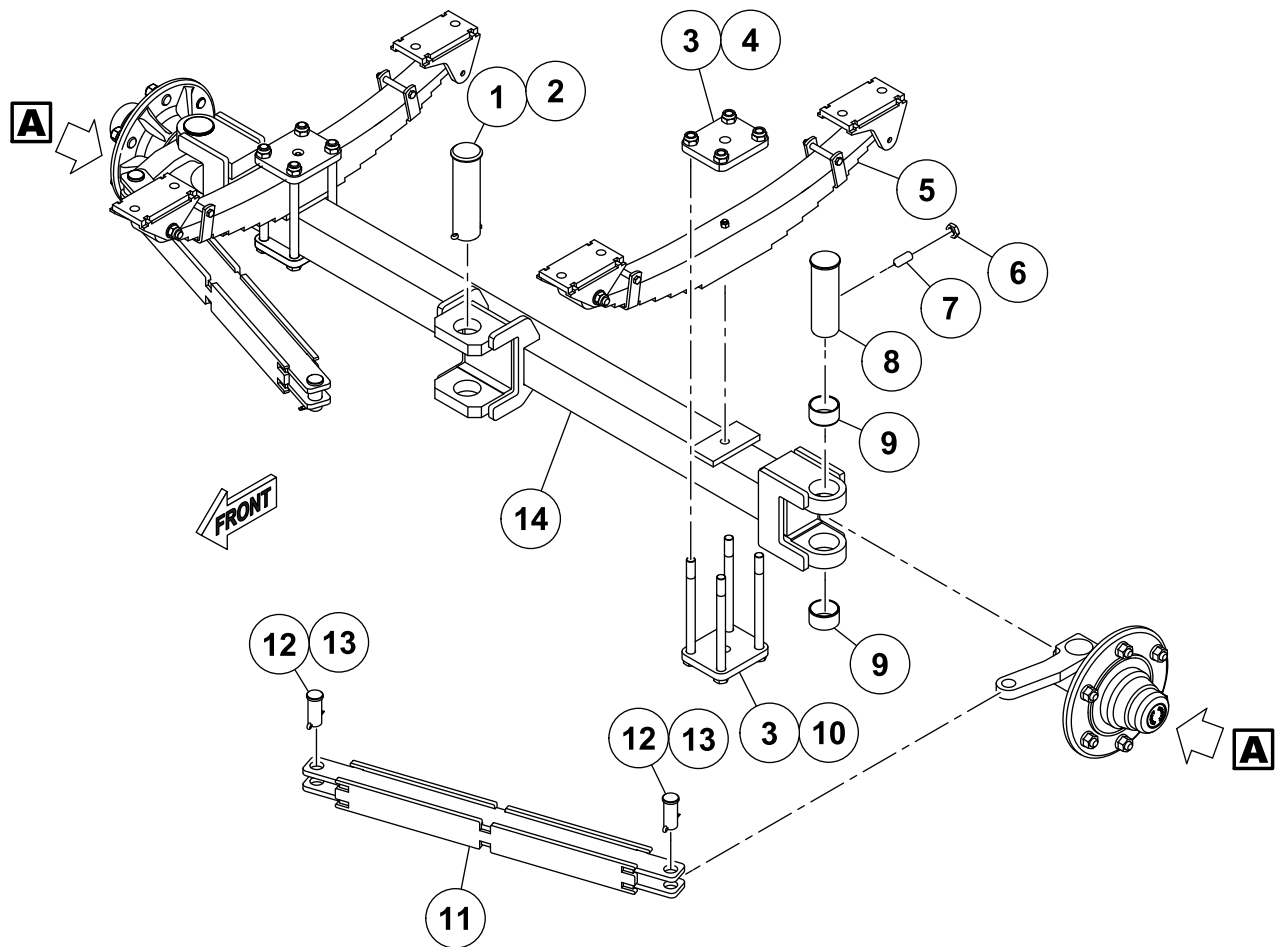


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46673755	Pintle Eye, Drawbar, Wagon	1	
2	46673754	Shaft, Pintle Eye, Wagon	1	
3	46670317	Drawbar, Wagon	1	
4	46673753	Plate, Pin, Anti-Rotation	1	
5	96703012	Screw, Hex, Socket, M06 -1.0 X 20	2	
6	46670328	Pin, 35 MM X 305 MM	1	
7	46673758	Nut, M27 -3.0 DIN 980	1	
8	46673757	Washer, M28 X 3 DIN 125	1	
9	46673756	Plate, Shaft Retention	2	

Running Gear, Wagon, Steering Arm Assembly



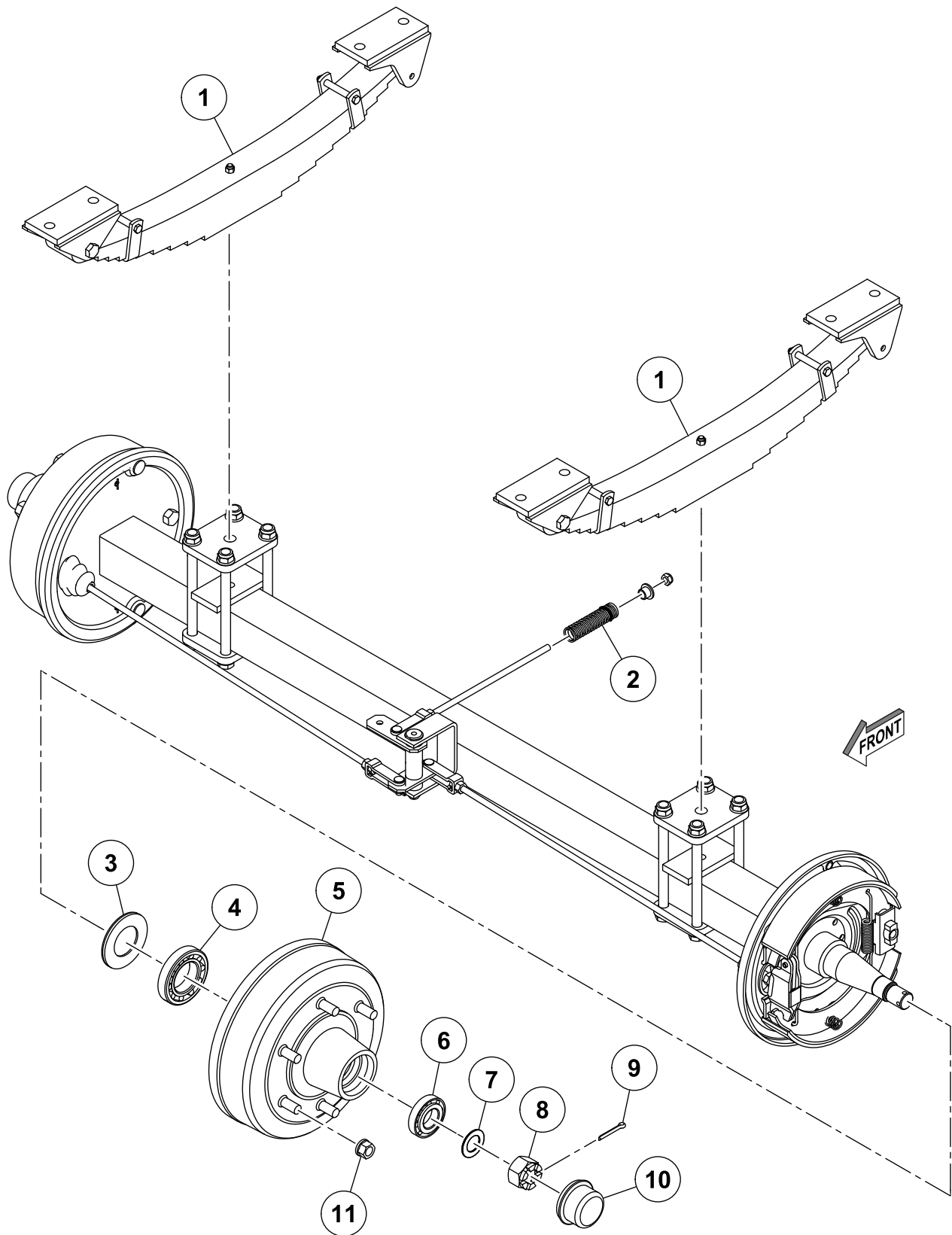
Running Gear, Wagon, Front Axle Sub Assembly



DETAIL A

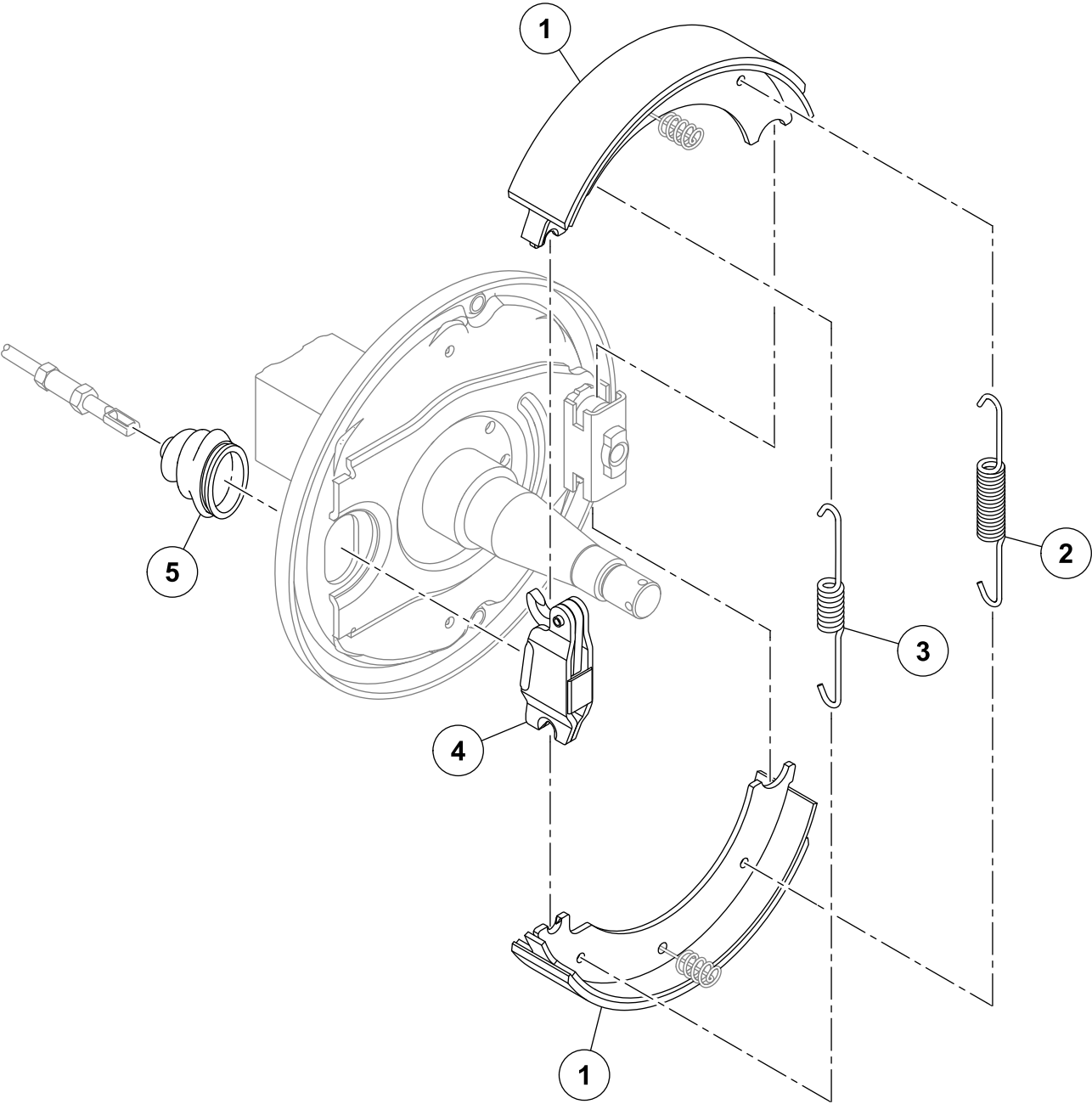
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46670326	Pin, 50 MM X 180 MM	1	
2	46673735	Pin, Cotter, 6 X 63	3	
3	46673152	Plate, Spring Mount	4	
4	46673740	Nut, M16 -1.5 DIN 980-10	8	
5	22871289	Spring Shackle Assembly	2	
6	46673762	Nut, Jam, M16 -1.5 DIN 936	2	
7	46673743	Screw, Set, M16 -1.5 X 40 MM	2	
8	46670329	Pin, 50 MM X 154 MM	2	
9	46673742	Bushing, 50 MM X 30MM	4	
10	46673737	Screw, M16 -1.5 X 20 DIN 931	8	
11	46670325	Link, Steering	2	
12	46670327	Pin, 25 MM X 60 MM	4	
13	22392237	Pin, Cotter, 6.3 MM X 45	4	
14	46673702	Axle, Front, Wagon, 11,000 lbs	1	
	46670322	Spindle, Left	1	
15	46670321	Spindle, Right	1	
16	22871214	Ring, Hub, Inner	2	
17	46670319	Bearing, Inner	2	
18	46673729	Hub, Axle, Front, Wagon	2	
19	46673730	Stud, Wheel, M16 -1.5 X 45	12	
20	22392211	Nut, Lug, M16 X 1.5	12	
21	46670318	Bearing, Outer	2	
22	46673732	Washer, 36 MM X 4 MM Thick	2	
23	46673733	Nut, Slotted, M36 -3	2	
24	46670320	Cap, Dust	2	

Running Gear, Wagon, Axle Assembly, Rear

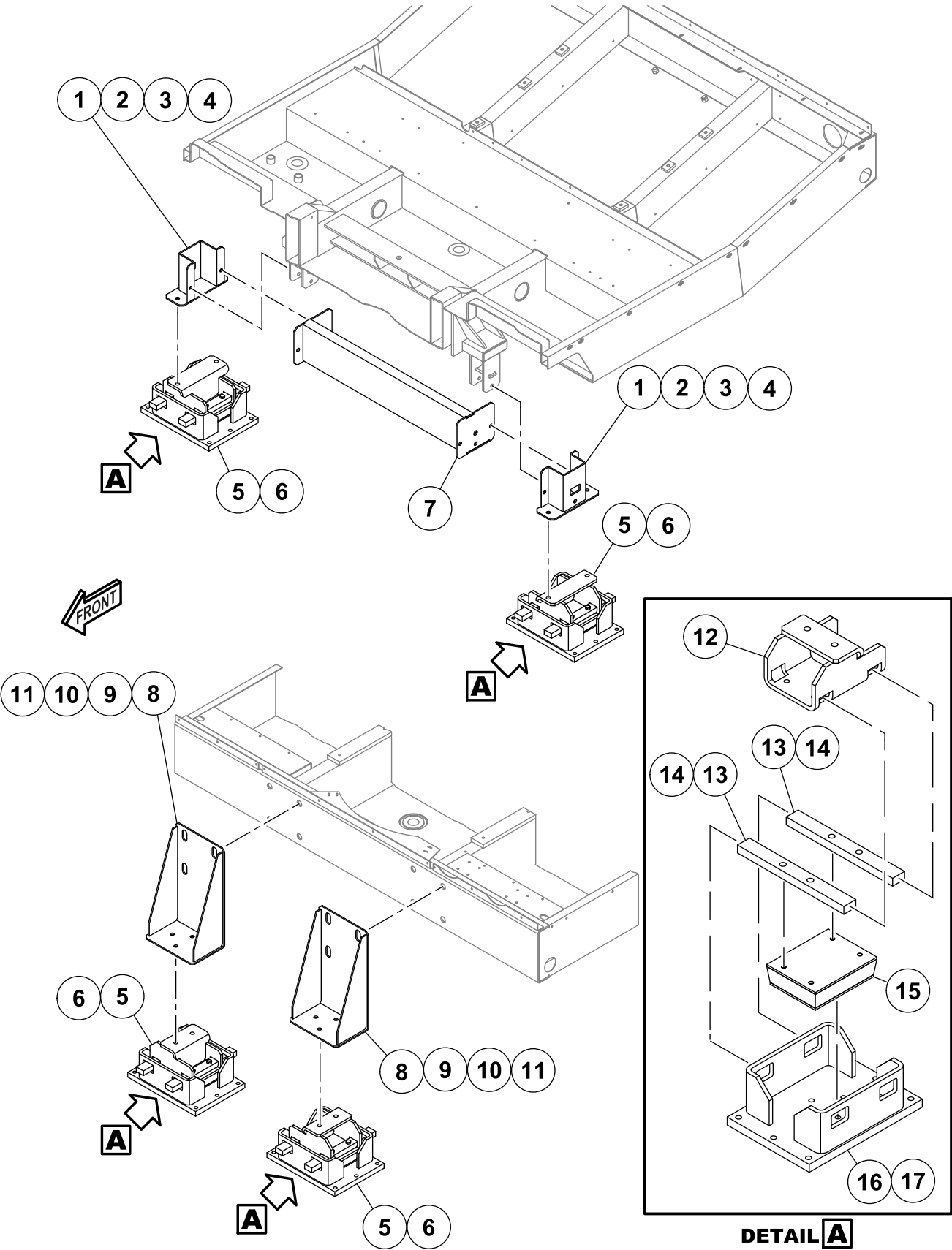


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	22871289	Spring, Shackle Assembly	2	
2	22392559	Spring, Compression	1	
3	22871214	Ring	2	
4	22391261	Bearing, Inner	2	
5	22392575	Drum	2	
6	22392138	Bearing, Outer	2	
7	22392229	Washer	2	
8	22392146	Nut	2	
9	22392237	Pin, Cotter	2	
10	22392153	Dust Cap	2	
11	22392211	Nut, M16 X 1.5	12	

Running Gear, Wagon, Rear Axle, Brake Assembly

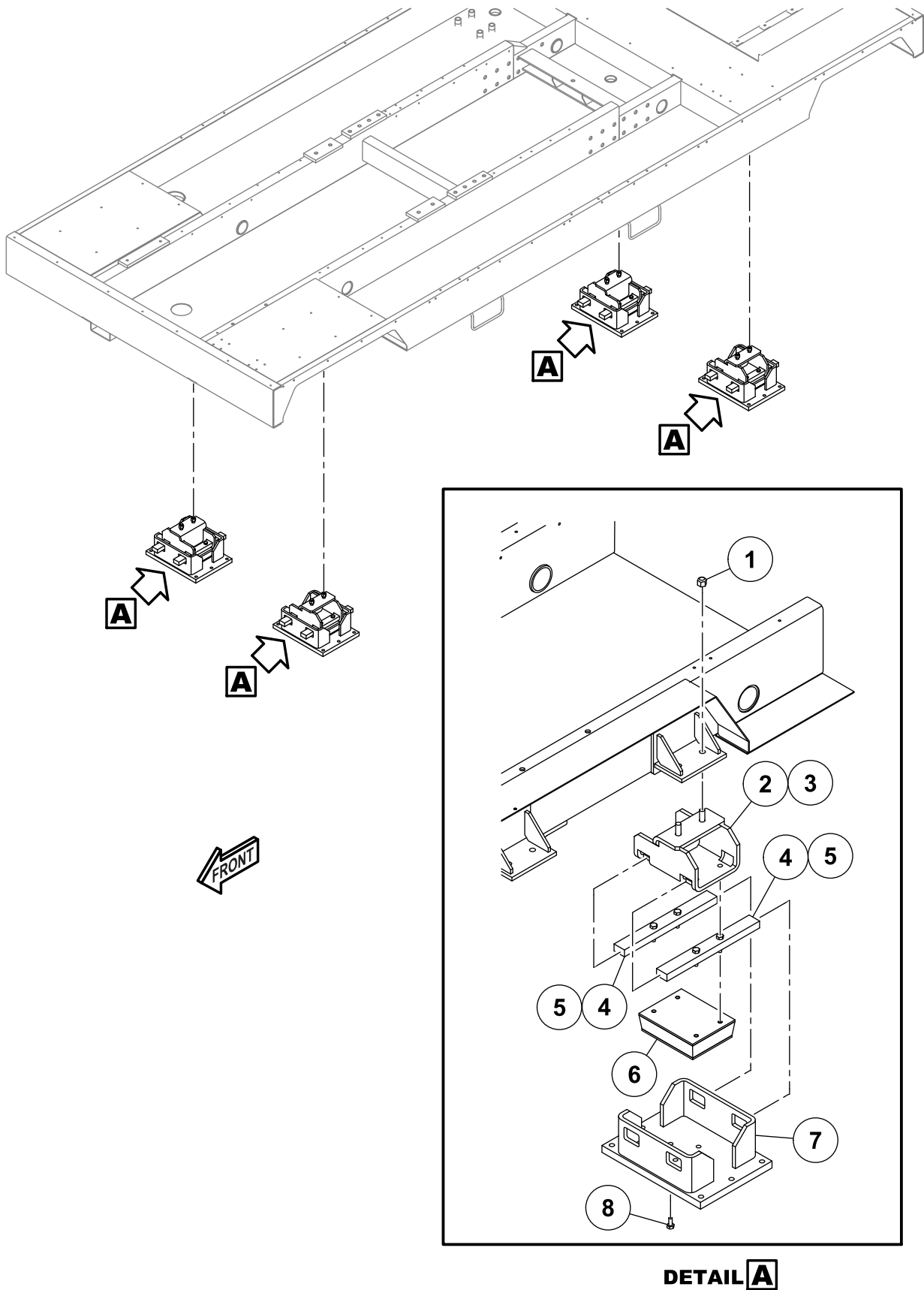


Running Gear, Tandem, Less Running Gear, With Shock Mount



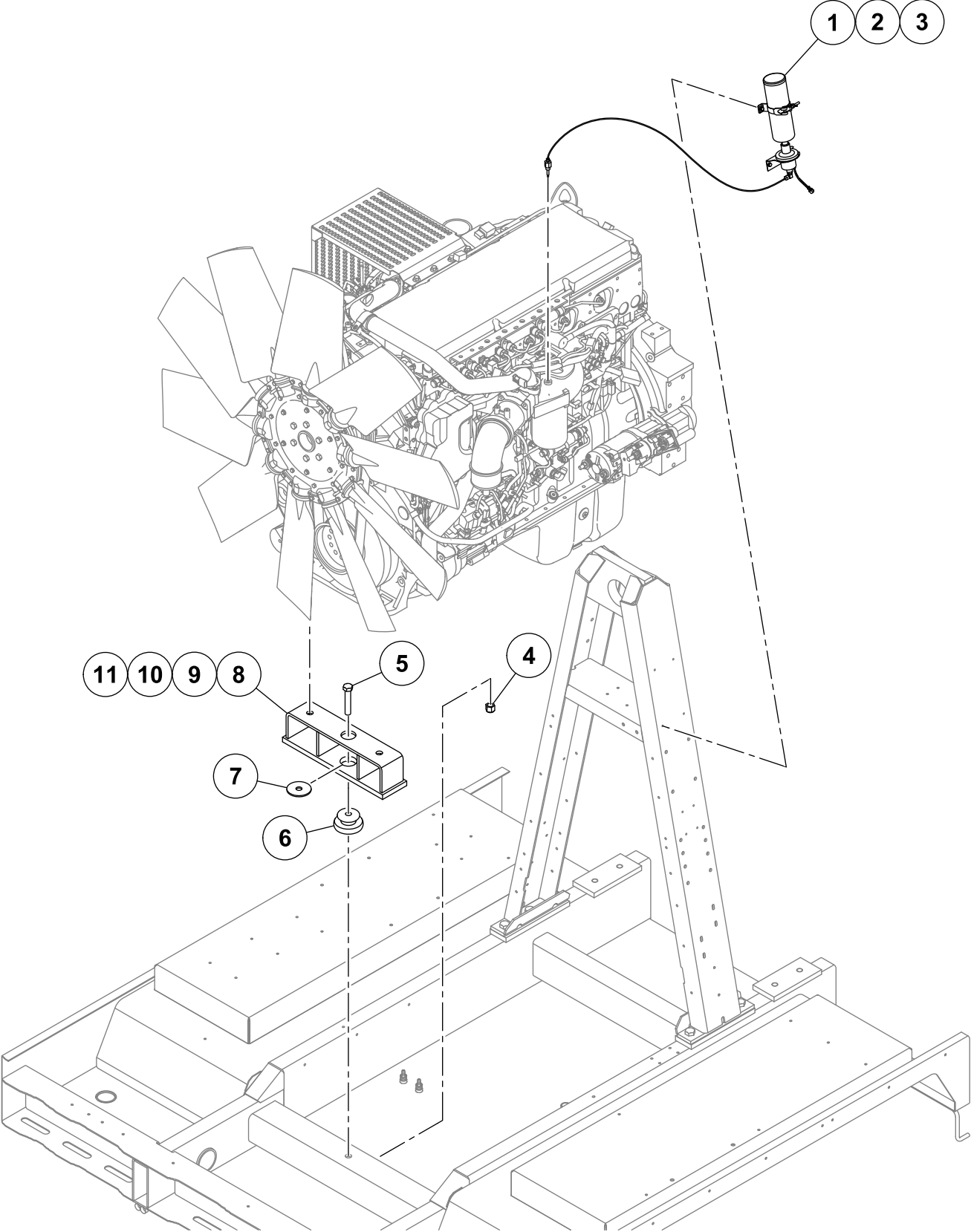
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46624600SB	Support, End, High Speed w/Shock Mount	2	
2	96716014	Screw, Hex, M14 - 2.0 X 14	2	
3	96719810	Screw, Hex, M14 - 2.0 X 40	4	
4	96728555	Nut, Hex Nylon Insert M14 - 2.0	6	
5	96703962	Screw, Hex M16 - 2.0 X 50	8	
6	96701750	Nut, Hex M16 - 2	8	
7	22876544SB	Support Assembly	1	
8	22876577SB	Support, LRG Front Assembly	2	
9	95996179	Screw, Hex, 1" X 3-1/2"	8	
10	95939492	Washer Flat, 1"	16	
11	95996187	Nut, Lock, 1"-8	8	
12	22110761SB	Support, Upper Shock Mount, Front	2	
	46624546SB	Support, Upper Shock Mount, Rear	2	
13	22112171SB	Bar, Shock Mount Restraint	8	
14	95994877	Screw, Hex, 1/2" - 20 X 2"	16	
15	36847002	Isolator, Shear Mount	4	
16	22110753SB	Support, Lower Shock Mount	4	
17	95954079	Screw, Hex, 1/2" - 20 X 1"	16	

Running Gear, Wagon, Less Running Gear, With Shock Mount



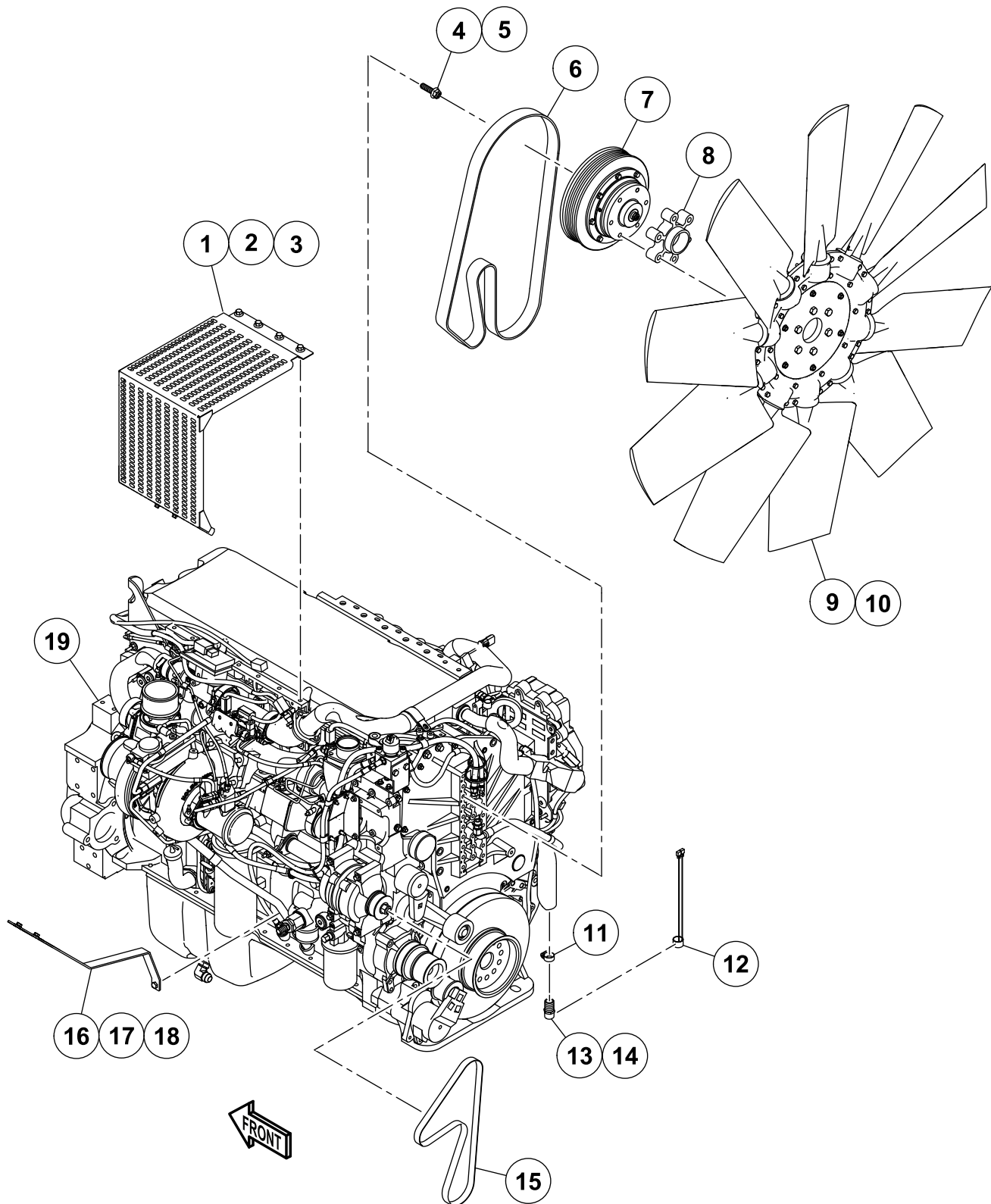
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	96704630	Nut, Hex M16 - 2	8	
2	22110761SB	Support, Upper Shock Mount	2	
3	36879302	Screw, Hex, M16 - 2.0 X 50	8	
4	22112171SB	Bar, Shock Mount Restraint	8	
5	95994877	Screw, Hex, 1/2" - 20 X 2"	16	
6	36847002	Isolator, Shear Mount	4	
7	22110753SB	Support, Lower Shock Mount	4	
8	95954079	Screw, Hex, 1/2" - 20 X 1"	16	

Engine, Installation



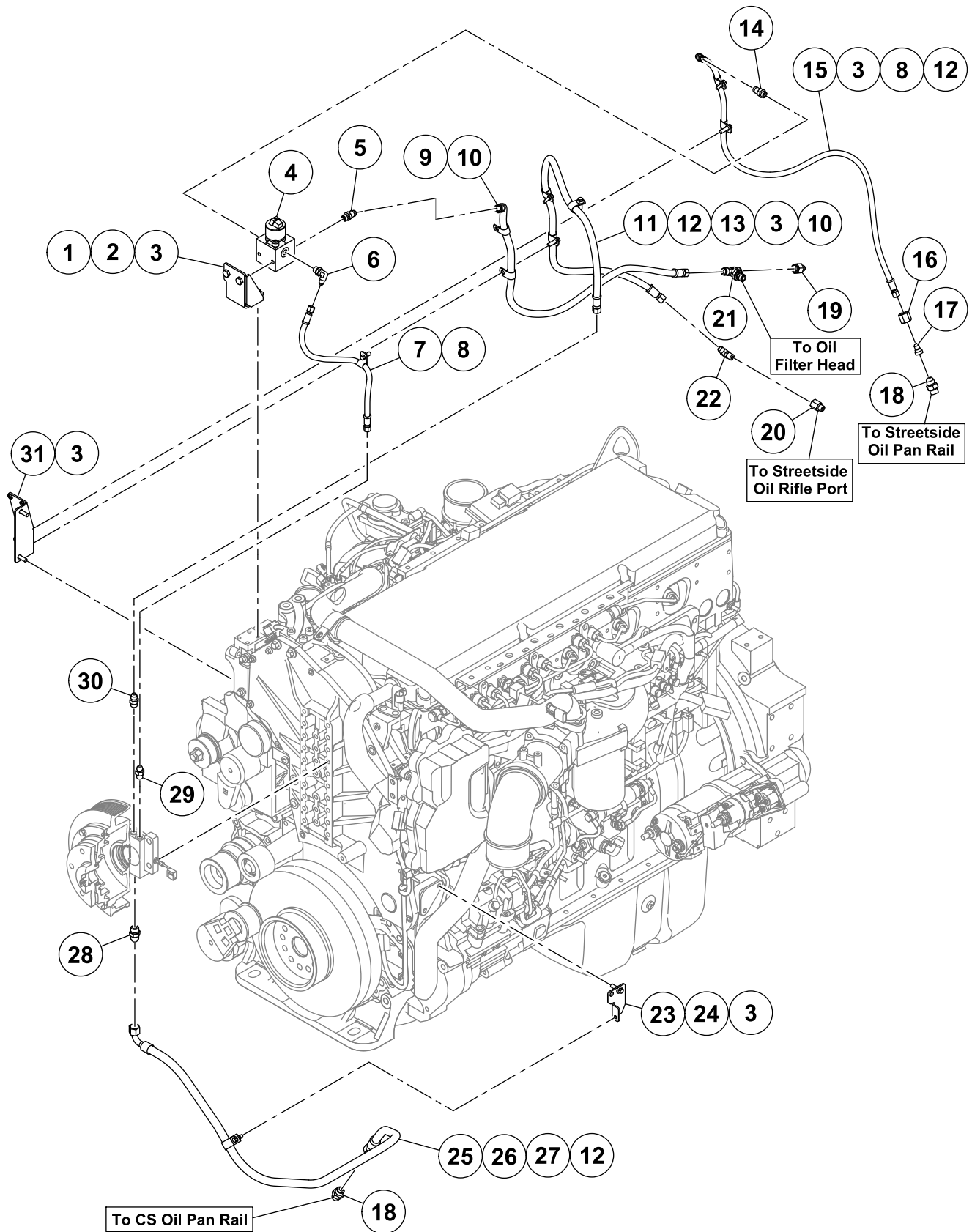
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46615380	Kit, Ether QSX15	1	
2	92368687	Screw, Tapping, M06 - 1.0 X 14	4	
3	35306141	Terminal Connector	2	
4	95923363	Nut, Hex Nylon Insert, 3/4" - 10	1	
5	95934253	Screw, Hex, 3/4" - 10 X 4"	1	
6	35584556	Mount, Center Bond	1	
7	35273937	Washer, Snubber	1	
8	54570122SB	Bracket, Engine Support	1	
9	36763670	Screw, Hex, M20 - 2.5 X 60	2	
10	95935011	Washer, Flat, 13/16" ID	2	
11	35297340	Nut, Hex, M20 - 2.5	2	
	46653158	Harness, Compressor Cummins QSX15-T4F	1	Not Shown
	46653161	Harness, Engine Cummins QSX15-T4F	1	Not Shown
	46673356	Harness, Ether, Solenoid, Relay	1	Not Shown

Engine, Engine Assembly, With Fan Clutch, Cummins QSX15 T4F



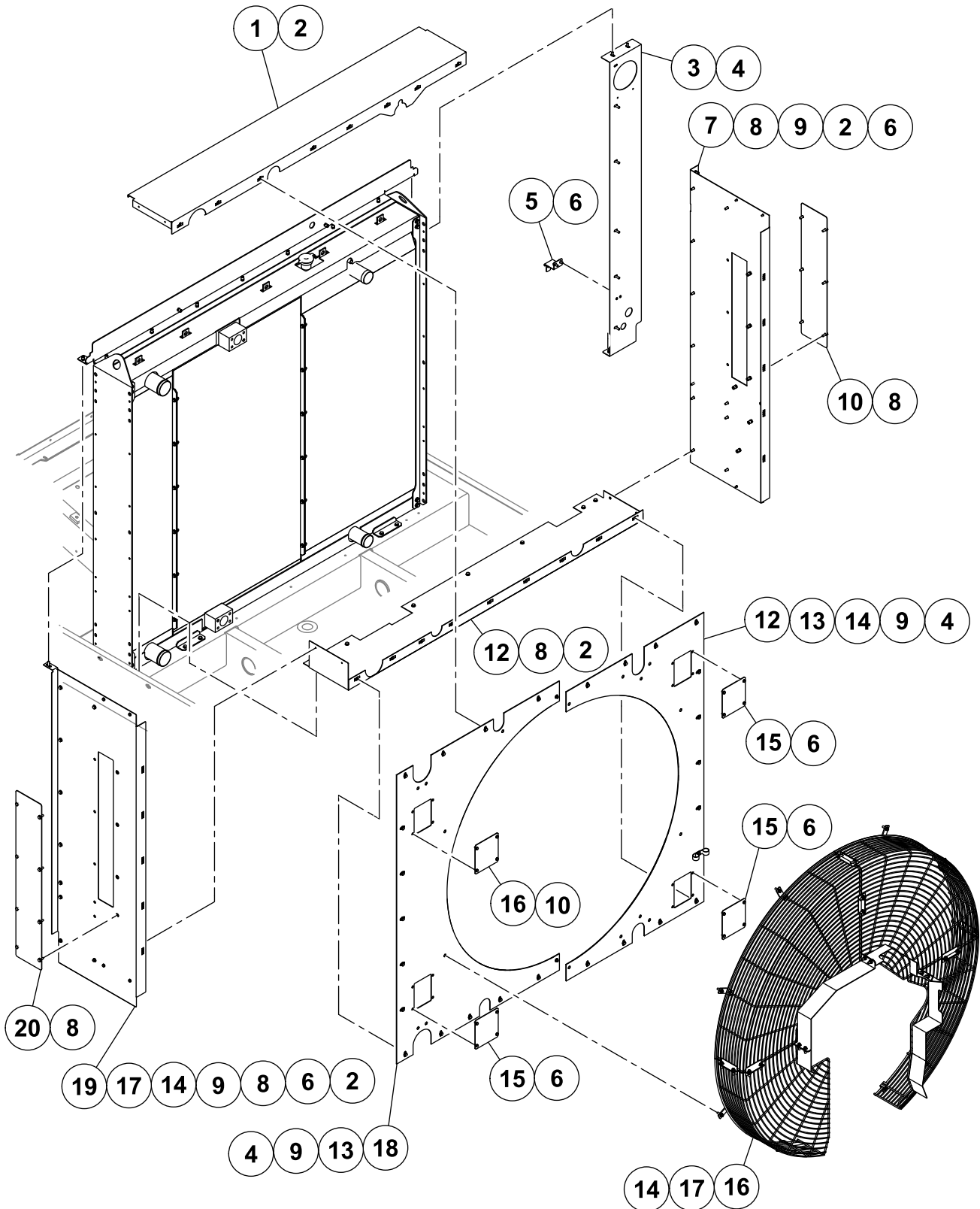
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46647799GB	Guard, Turbo Cummins	1	Not Shown
2	36879492	Screw, Hex Flange, M12 - 1.75 X 25	4	
3	36889608	Screw, Hex Flange, M08 - 1.25 X 25	2	
4	46671024	Screw, M12-1.75 X 60	4	
5	36879203	Nut, Hex, Flange Serrated, M12 -1.75	4	
6	46643008	Belt, Engine Fan	1	
7	46666788	Clutch, Fan	1	
8	46655068	Spacer, Fan W/ Clutch	1	
9	46560680	Fan, 56" 10 Blade	1	
10	95934477	Screw, 1/2" -13 UNC X 2-3/4"	6	
11	95220851	Clamp, Worm Gear, 13/16" to 1-1/2"	1	
12	23346612	Heater, Cylindrical, 24 VDC	1	
13	24908923	Adapter, Barbed, 1" X 3/4" NPT	1	
14	35268788	Tie, Cable, 1/8" X 8"	1	
15	46615382	Belt, Alternator	1	
16	46650393SB	Bracket, Turbo Guard to Engine	1	
17	96705025	Screw, Hex, M10 - 1.5 X 20	1	
18	36881886	Nut, Hex Flange, M08 - 1.25	2	
19	46671239	Engine, Cummins QSX15-T4F, No Fan Drive	1	
	46671086	Harness, Fan Clutch	1	

Engine, Fan Clutch



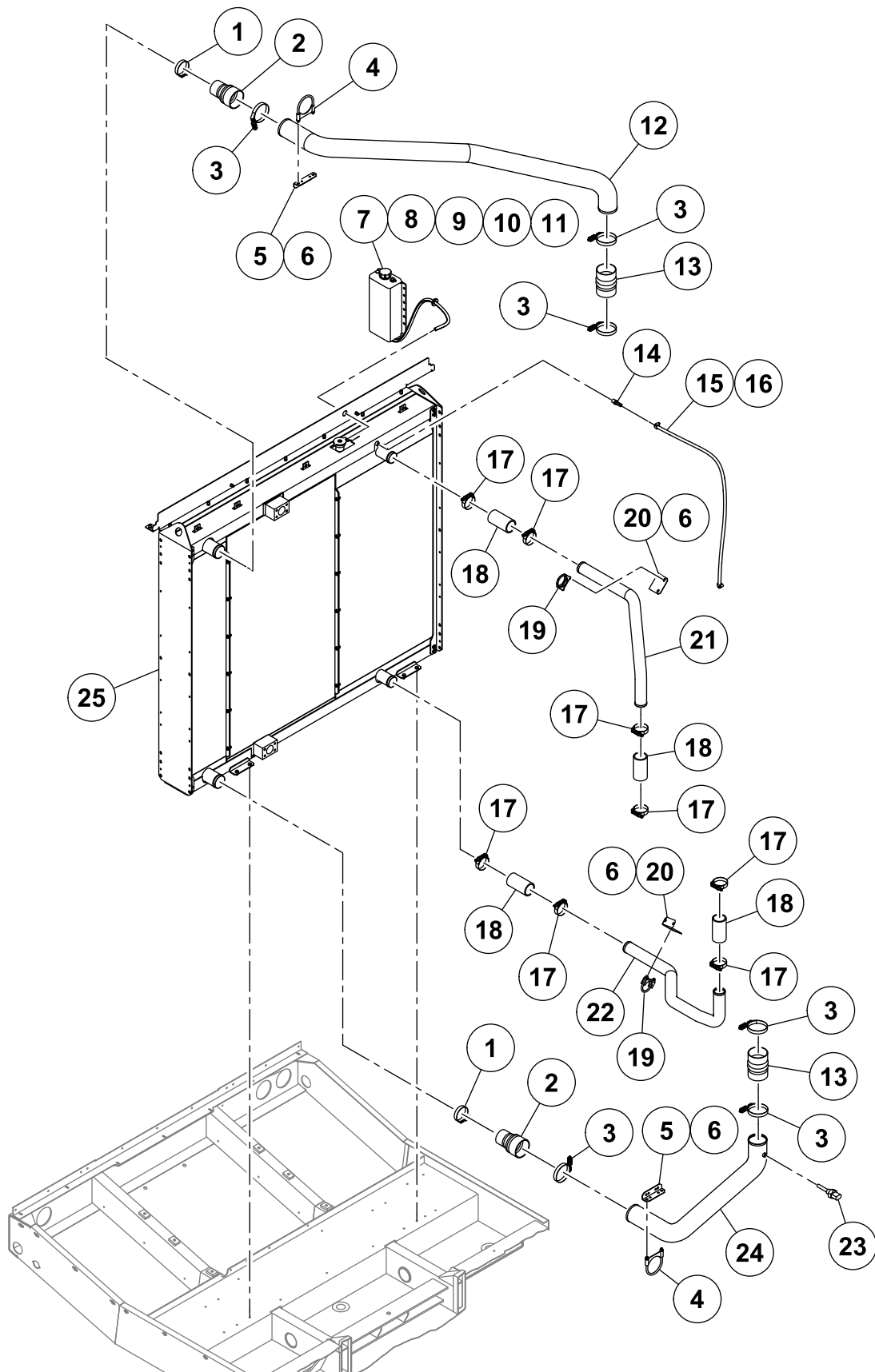
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46655082SB	Bracket, Fan Clutch Control Valve	1	
2	96702279	Screw, Hex, M10 - 1.5 X 20	2	
3	36889608	Screw, Hex, M8 - 1.25 X 25	7	
4	46655083	Controller, Fan Clutch	1	
5	35279835	Elbow, 45° 9/16" - 18 X -6 JIC	1	
	35278571	O-Ring, 0.468" ID X 0.078" BUNA	1	
6	95365094	Elbow, 90° 9/16" - 18 X -6 JIC	1	
7	35358084	Hose, -4 X 18"	1	
8	35225093	Clamp, Support, 1/12" ID	3	
9	35282987	Hose, JIC -6 X 34"	1	
10	35225077	Clamp, Support, 11/16" ID Rubber Coated	6	
11	36844074	Hose, JIC -6 X 52"	1	
12	36898096	Screw, Hex Flange, M06 - 1.0 X 20	2	
13	96704408	Screw, Flange, M08 - 1.25 X 20	1	
14	96952874	Elbow, 45° JIC -4 X 1/2" UNF SAE O-Ring	1	
15	35283480	Hose, -4 X 48"	1	
16	35296219	Nut, Tube JIC -8	1	
17	35299734	Reducer, -8 JIC X -4 JIC	1	
18	22063945	Connector, M18 X -8 JIC	2	
19	35306091	Reducer, -6 JIC X -4 JIC	1	
20	54720719	Adapter, M14 - 1.5 X 1/4" NPT w/O-Ring	1	
21	46655240	Tee, -6 JIC X M14-1.5 O-Ring X -6 JIC	1	
22	35290253	Elbow, 45° 1/4" NPT X 3/8" Tube	1	
23	46655200SB	Bracket, Hose Clamp	1	
24	36881886	Nut, Hex Flange, M08 - 1.25	1	
25	46655717	Hose, -8 JIC X 90° JIC X 48"	1	
26	35291285	Clamp, Hose, 13/16"	1	
27	36898104	Nut, Hex, M06 - 1.0	1	
28	35288166	Connector, -8 JIC X 3/4" -16 UNF SAE O-Ring	1	
	35278589	O-Ring, 0.644" ID X 0.087" BUNA		
29	35287903	Connector, -4 JIC X 7/16" -20 UNF SAE O-Ring	1	
	35279959	O-Ring, 0.35" ID X 0.072"	1	
30	35283076	Connector, -6 JIC X 9/16" -18 UNF SAE O-Ring	1	
	35278571	O-Ring, 0.468" ID X 0.078" BUNA 3-6	1	
31	46655196SB	Bracket, Hose Clamp, Fan Clutch	1	
	35268788	Cable Tie, 1/8" X 8"	6	Not Shown
	46671086	Harness, Fan Clutch	1	Not Shown

Cooling System, Fan Shroud Installation



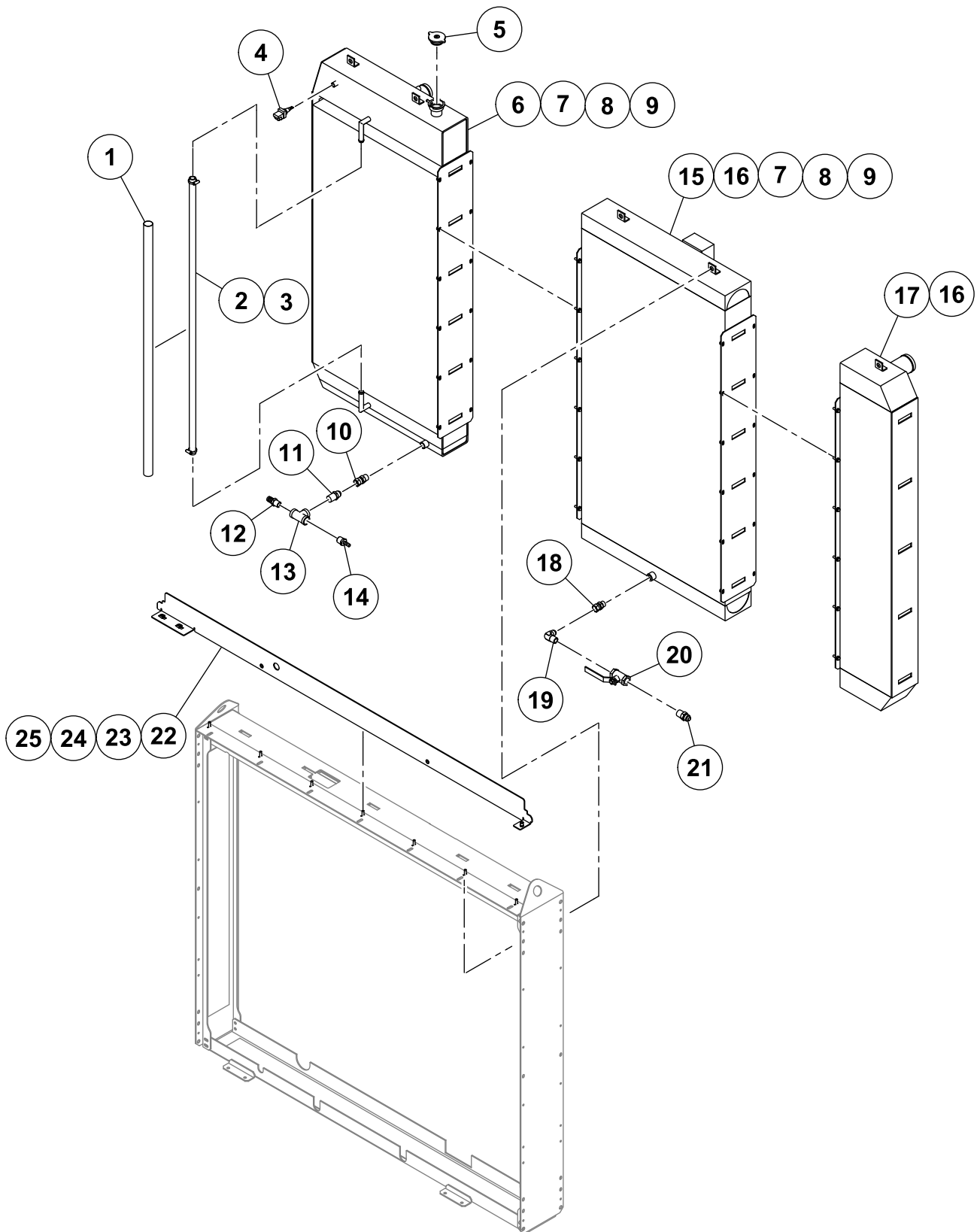
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46560539SA	Shroud, Cooler Top	1	
2	35346741	Nut, Retainer, 5/16" - 18	29	
3	46651471SA	Baffle, Cooler Streetside	1	
4	35144336	Screw, Hex Flange Lock, 5/16" - 18 X 3/4"	29	
5	46636141SA	Bracket, Hose Clamp	1	
6	36797652	Screw, Tapping, M06 - 1.0 X 12	26	
7	46651472SA	Shroud, Cooler Streetside	1	
8	35279025	Screw, Tapping, M08 - 1.25 X 20	42	
9	36895746	Nutsert, Hex, M08 - 1.25	37	
10	46651477SA	Panel, Cooler Cleanout	1	
11	46554974SA	Shroud, Cooler Bottom	1	
12	46555796SA	Orifice, Streetside Fan	1	
13	36921344	Nutsert, M06 - 1.0	16	
14	36889608	Screw, Hex Flange, M08 - 1.25 X 25	37	
15	54661426SA	Cover, Cooler Access	4	
16	46650125	Guard, Fan	1	
17	36881886	Nut, Hex, M08 - 1.25	20	
18	46554971SA	Orifice, Curbside	1	
19	46653644SA	Shroud, Cooler Curbside	1	
20	46560542SA	Panel, Cooler Cleanout	1	

Cooling System, Cooling Package Installation



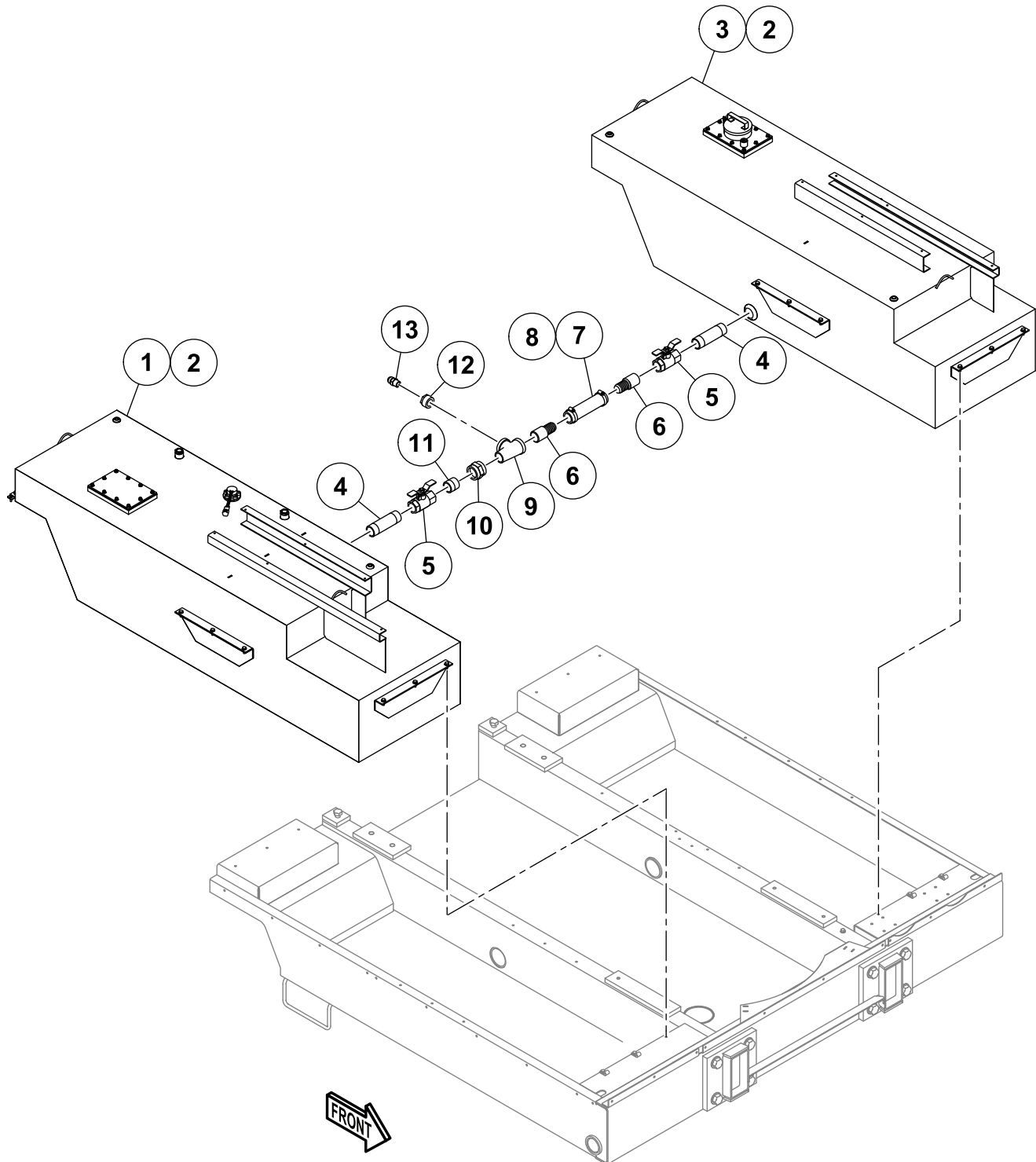
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46490835	Clamp, Spring Loaded T-Bolt, 3-1/4" - 3-1/2" ID	2	Measured in Inches
2	22058564	Hose, Straight Bellows, 4" - 3"	2	
3	54444427	Clamp, Spring Loaded T-Bolt, 4" - 4-5/16" ID	6	
4	35111731	Clamp, Saddle, 4" ID	2	
5	46572839SA	Bracket, Clamp Support	2	
6	36889608	Screw, Hex Flange, M08 - 1.25 X 25	6	
7	36845600	Bottle, Radiator Overflow	1	
8	35360775	Tubing, 5/16" ID	33	
9	35285162	Grommet, 3/4" ID X 1/8" Gap	1	
10	35296342	Clamp, Hose Wormgear, 1/4" - 5/8" ID	1	
11	35300771	Screw, Hex Tapping, M06 - 1" X 20	4	Measured in Inches
12	46646980	Tube, Charge Air Cooler Top	1	
13	54422522	Connector, 4" Ribbed	2	
14	35310598	Adapter, Barbed 3/8" Hose X 1/4" NPT	1	
15	35285600	Hose, Rubber, 3/8" ID	48	
16	95264776	Clamp, Hose Wormgear, 7/16" - 3/4" ID	2	
17	35330703	Clamp, T-Bolt 2-7/8" - 3-3/16" ID,	8	
18	23075302	Hose, Coolant, 63.5mm ID X 140mm	4	
19	35209048	Clamp, Saddle, 2.5" ID	2	
20	46556308SA	Bracket, Radiator Tube Clamp	2	
21	46561940	Tube, Engine Coolant Outlet	1	
22	46561939	Tube, Engine Coolant Inlet	1	
23	23294820	Sensor, CAC Temperature	1	
24	46656863	Tube, Charge Air Cooler Bottom	1	
25	46556494	Cooler Assembly	1	

Cooling System, Radiator, Oil, And CAC Coolers



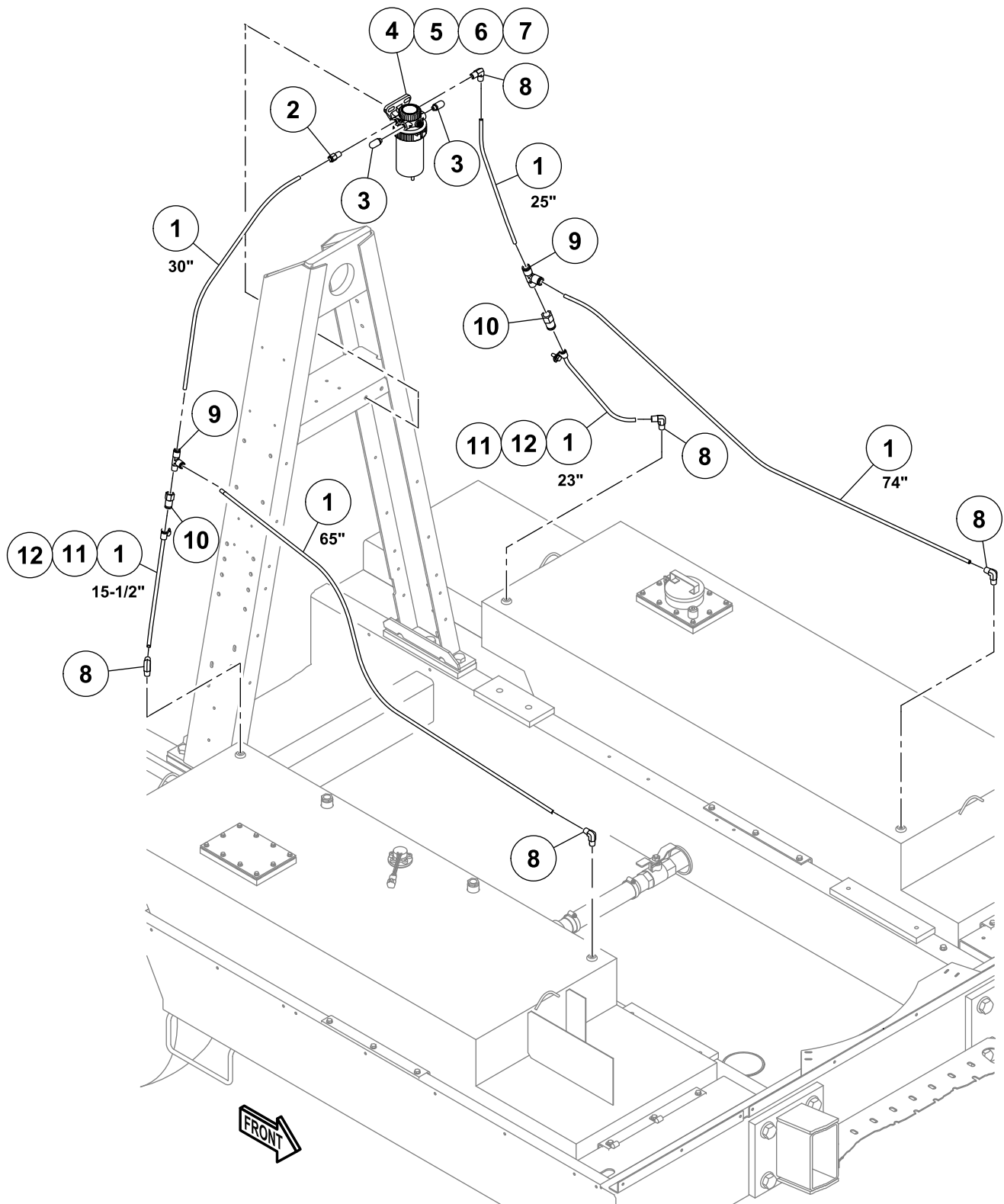
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46652356	Sleeving, Thermal, 1–1/2"	50	Measured in Inches
2	46652352	Hose, Silicone, Coolant, 3/4"	55	Measured in Inches
3	46641422	Clamp, Constant Tension #12	2	
4	22769186	Sensor, Coolant Level	1	
5	22078190	Cap, Radiator	1	
6	46556490	Radiator	1	
7	95929782	Nut, Hex, 5/16" - 18	24	
8	95934303	Washer, Lock, 5/16" ID	24	
9	95064671	Washer, Flat, 5/16" ID	48	
10	96951421	Connector, JIC X 1/2"NPTF	1	
11	35286426	Adapter, 1/2" NPT X 8 JIC	1	
12	35326560	Adapter, Heater Hose	1	
13	95954202	Tee, .50 NPT X .50 NPT X .50 NPT	1	
14	46650952	Connector, 1/2" X 3/8" Barbed	1	
15	46556491	Cooler, Oil,	1	
16	95929006	Screw, Hex, 5/16" - 18 X 1"	24	
17	46556492	Cooler, CAC,	1	
18	46587460	Connector, Swivel, 3/4" - 16 X -8 JIC	1	
19	35309210	Elbow, 90° 1/2" NPT X -8 JIC	1	
20	46654796	Valve, Ball, 1/2 NPT	1	
21	95249975	Connector, -8 JIC X 1/2" NPTF	1	
22	46650999SA	Baffle, Cooler Top	1	
23	36889608	Screw, Hex Flange, M08 - 1.25 X 25	7	
24	36895746	Nutsert, Hex, M08 - 1.25	10	
25	35346741	Nut, Retainer, 5/16" - 18	2	

Fuel System, Tandem, Fuel Tank Installation



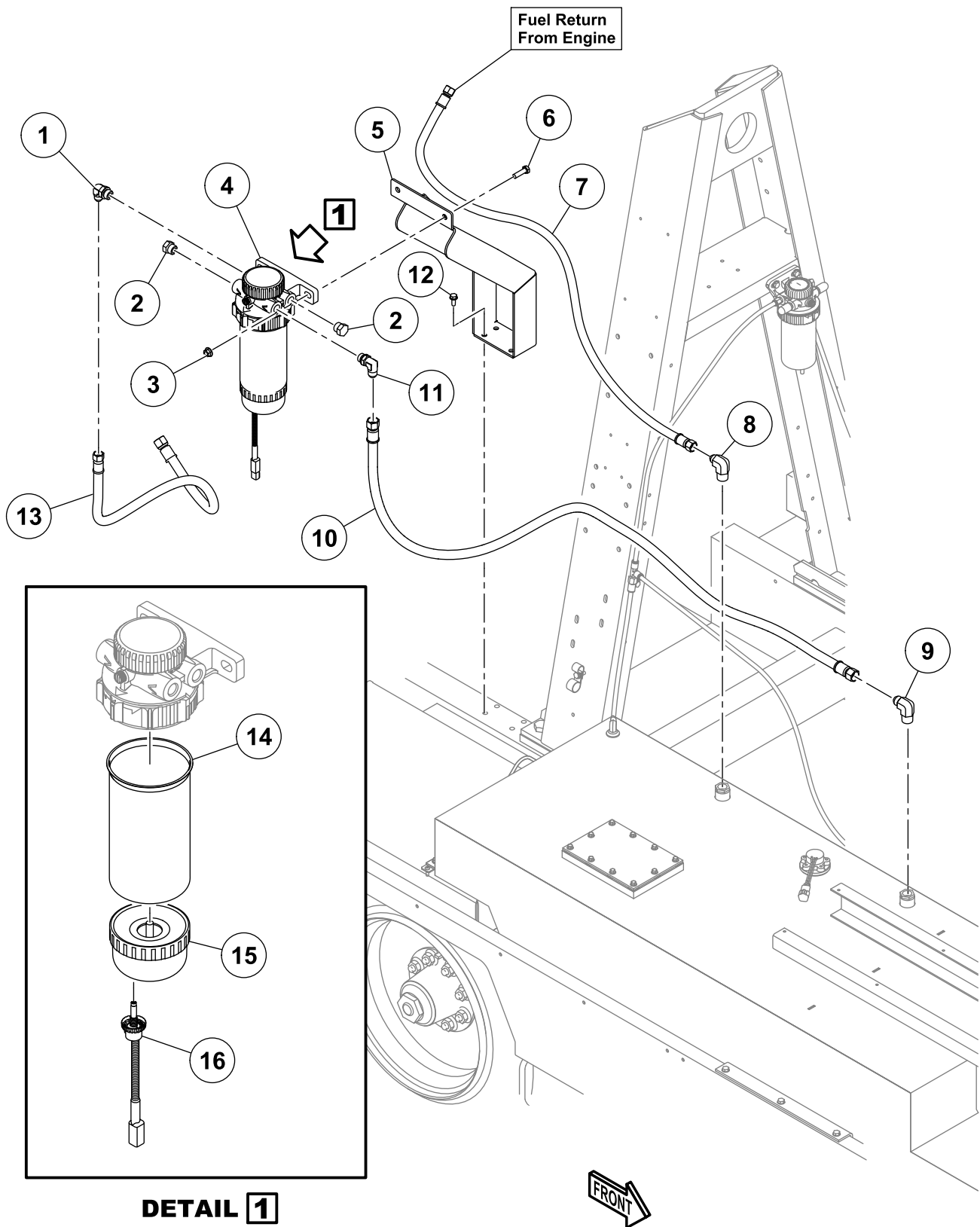
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46653146SB	Tank, Tandem, RH Fuel	1	Measured in Inches
2	35279025	Screw, Tapping, M08 - 1.25 X 20	24	
3	46653145SB	Tank, Tandem, LH Fuel	1	
4	95953535	Nipple, Long, 1-1/2" NPT X 6"	2	
5	46586499	Valve, Ball, 1-1/2" NPT Tee Handle	2	
6	54762190	Fitting, Barbed, 1-1/2" NPT X 2"	2	
7	46645703	Hose, Fuel, 1-1/2" ID X 2" OD	8	
8	35221662	Clamp, Hose, 1-5/16" - 2-1/4"	2	
9	95954285	Tee, Street, 1-1/2" NPT	1	
10	95592283	Union, Female, 1-1/2" NPT	1	
11	95487773	Nipple, 1-1/2" NPT X 1-3/4"	1	
12	95953873	Bushing, Reducer, 1-1/2" NPT X 3/4" NPT	1	
13	95219747	Connector, -12 JIC X 3/4" NPT	1	

Fuel System, Tandem, Venting



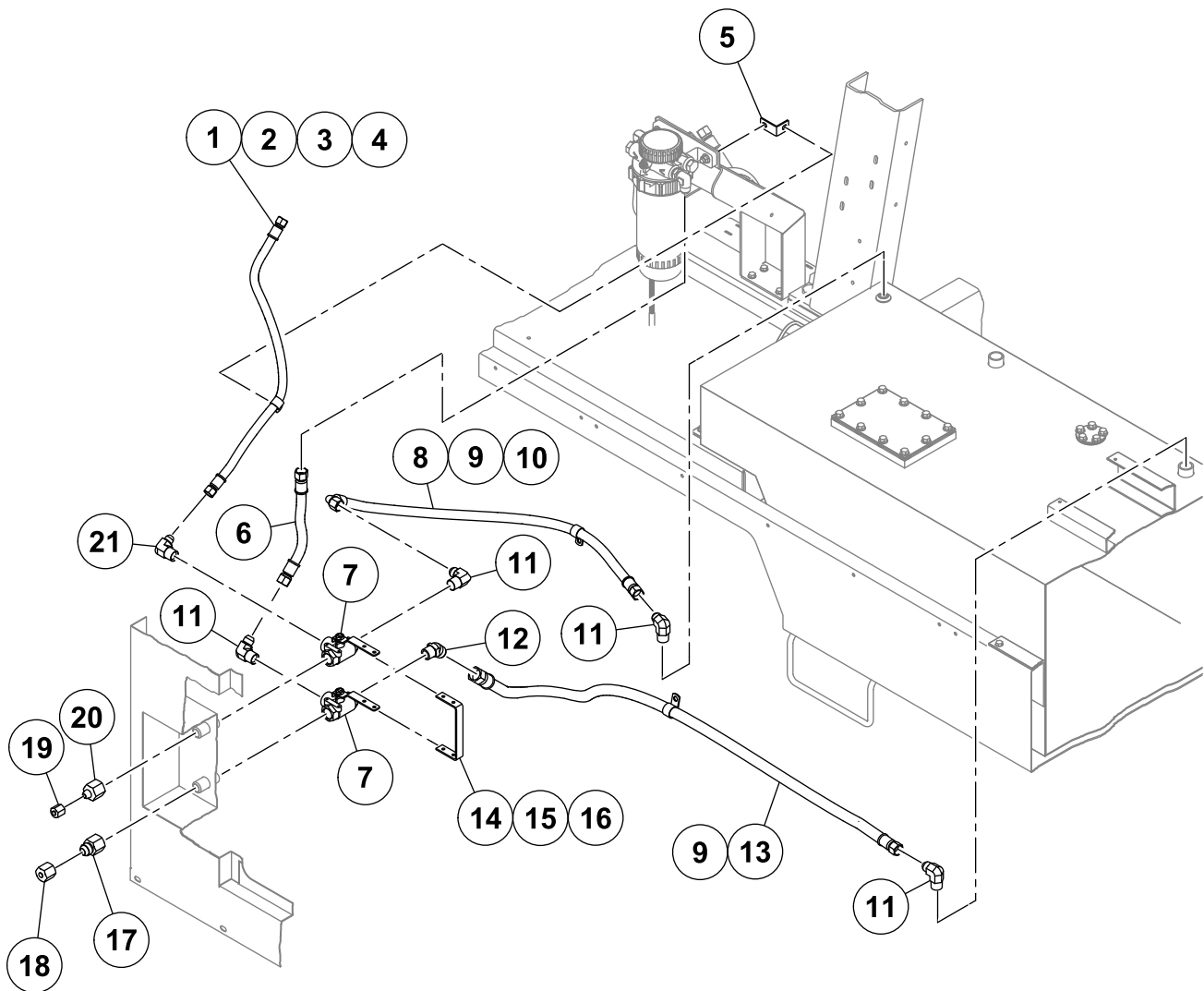
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35356484	Tubing, Synflex, 3/8" OD	222	Measured In Inches
2	35369347	Connector, 1/4" NPT X 3/8" Tube	1	
3	35322395	Silencer, Pneumatic, 1/4" NPT	2	
4	46591539	Filter, Fuel Tank Vent 5 Micron	1	
5	36881886	Nut, Hex Flange, M08 - 1.25	2	
6	95934998	Washer, Flat, 5/16" ID	2	
7	35271162	Screw, Hex, M08 - 1.25 X 30	2	
8	35369354	Elbow, 90° 1/4" NPT X 3/8" Tube	5	
9	35369503	Tee, Street, 1/4" NPT X 3/8" Tube	2	
10	35369339	Connector, 1/4" FNPT X 3/8" Tube	2	
11	35222538	Clamp, Support, 9/16" Rubber Coated	2	
12	35279025	Screw, Tapping, M08 - 1.25 X 20	2	
	46594960	Filter Element, Fuel Tank Vent 5 Micron	1	Replacement Element

Fuel System, Tandem, Standard Piping



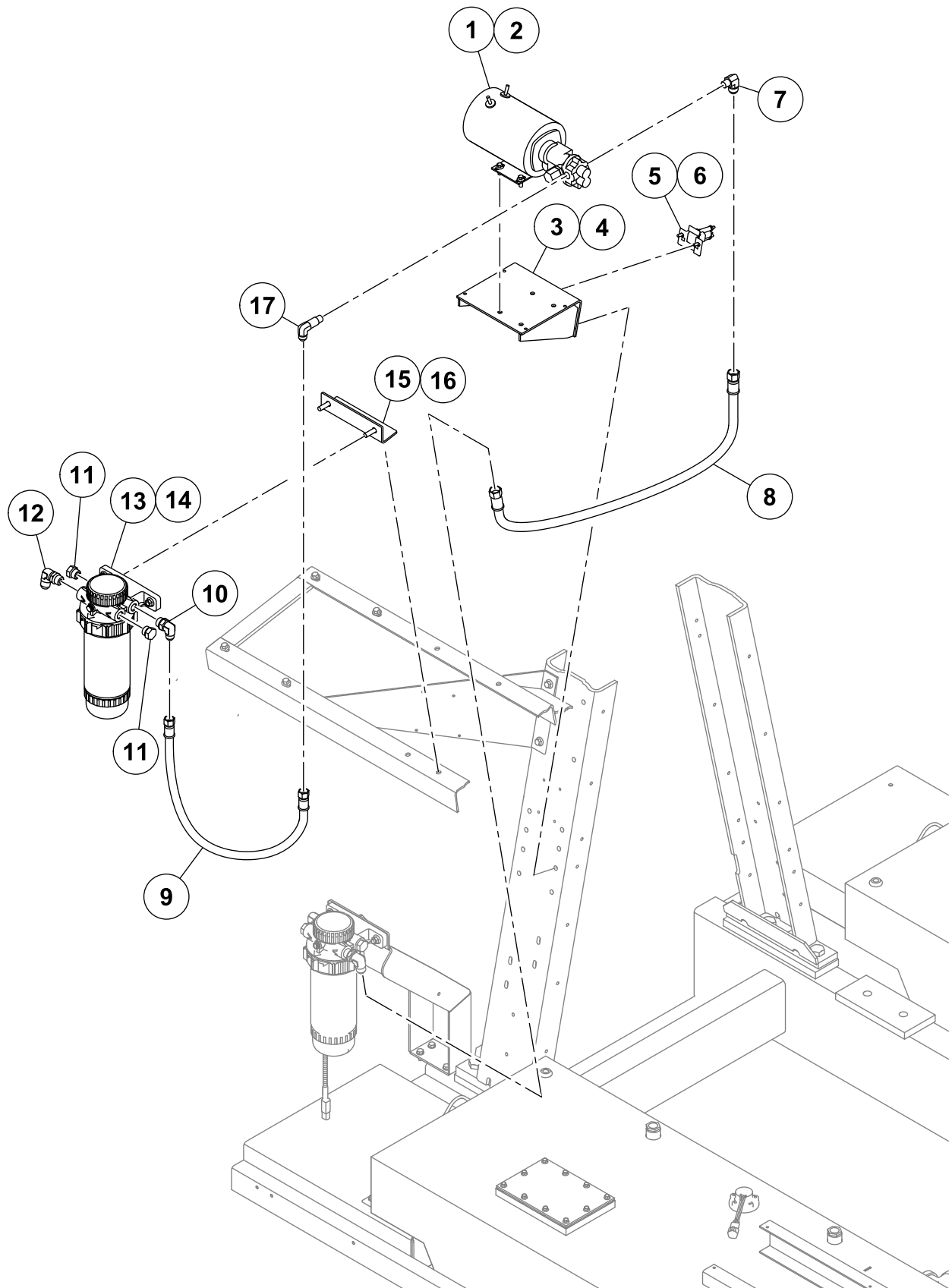
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46628021	Elbow, 90° 7/8" - 14 O-Ring X -8 JIC Swivel	1	
	95973228	O-Ring	1	
2	35287028	Plug, 7/8" - 14 O-Ring	2	
	35286533	O-Ring	2	
3	36879195	Nut, Hex Flange, M10 - 1.5	2	
4	46578119	Filter, Fuel / Water Separator 7 Micron	1	
5	46586779SB	Bracket, 7 Micron Fuel / Water Separator	1	
6	96704309	Screw, Hex, M10 - 1.5 X 35	2	
7	35307719	Hose, -8 JIC X 48"	1	
8	35287044	Elbow, 90° 3/4" NPT X -8 JIC	1	
9	95279394	Elbow, 90° 3/4" NPT X -10 JIC	1	
10	35286558	Hose, -8 JIC X 48"	1	
11	96746078	Elbow, 90° 5/8" - 14 O-Ring X -10 JIC Swivel	1	
12	35279025	Screw, Tapping, M08 - 1.25 X 20	4	
13	46580979	Hose, -8 JIC X -10 JIC X 38"	1	
14	46578120	Element, Fuel Filter 7 Micron	1	
15	46609199	Bowl, Fuel / Water Separator	1	
16	46609799	Sensor, Water-in-Fuel	1	

Fuel System, Tandem, Remote Fuel Lines, No Pump



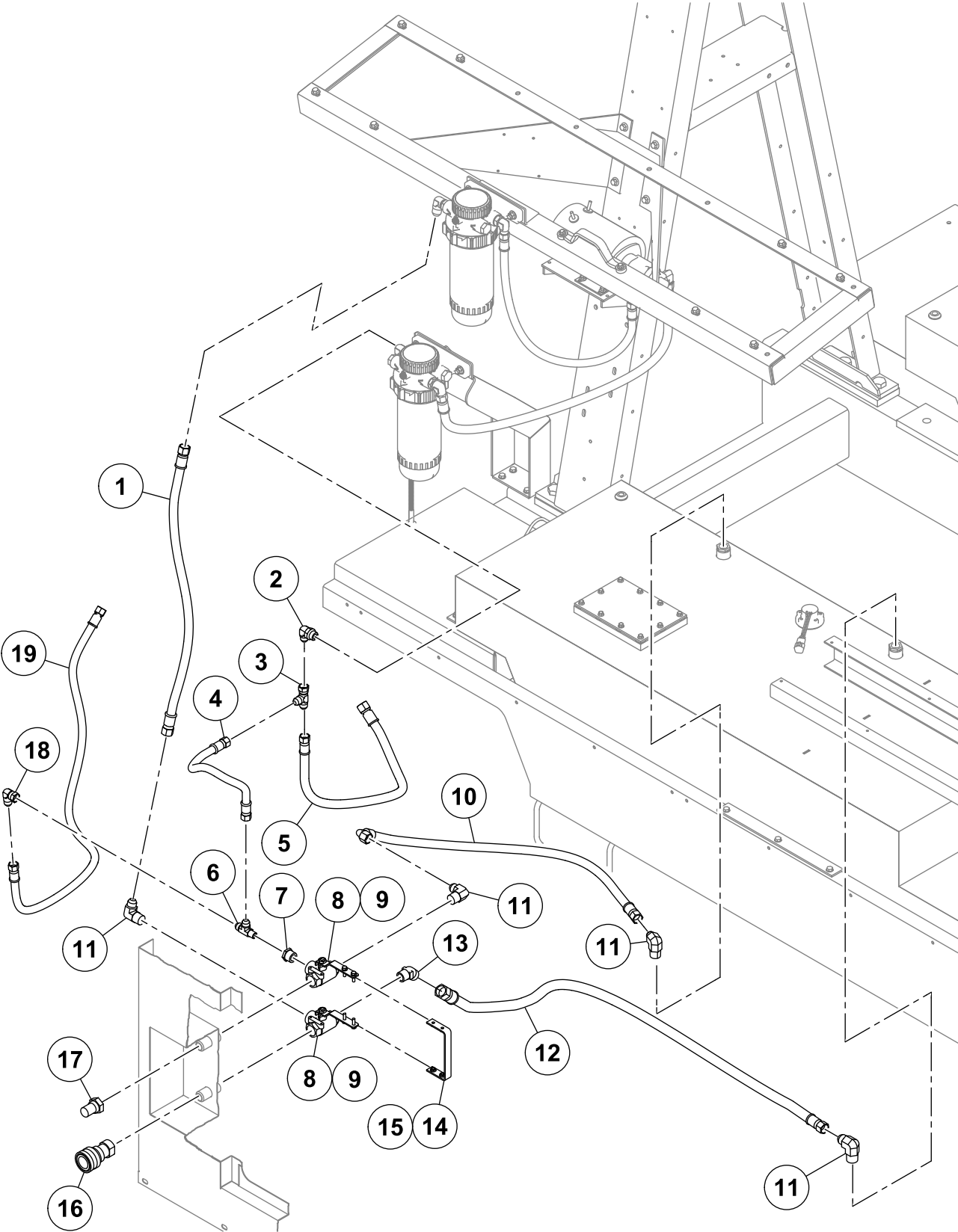
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35295179	Hose, -8 JIC X 34"	1	
2	35291285	Clamp, Hose, 13/16"	1	
3	96702824	Screw, Hex Head, M08 -1.25 X 20	1	
4	96735543	Nut, Hex, M08 - 1.25	1	
5	35127224	Bracket, Support,	1	
6	35287010	Hose, -10 JIC X 12"	1	
7	54726575	Valve, 3-Way 3/4" NPT	2	
8	46568771	Hose, -10 JIC X 1223 MM	1	
9	35225085	Clamp, Support	2	
10	35279025	Screw, Hex Head, M08-1.25 X 20	1	
11	95279394	Elbow, 90° 3/4" NPT X -10 JIC	4	
12	95279105	Elbow, 45° 3/4" NPT X -8 JIC	1	
13	22500607	Hose, -12 JIC X -10 JIC X 2032 MM	1	
14	22330880	Lever, 3-Way Valve	1	
15	36898104	Nut, Hex Flange, M06 - 1.0	4	
16	36898096	Screw, Hex Flange, M06 - 1.0 X 20	4	
17	95293320	Connector, 3/4" FNPT X -12 JIC	1	
18	35369214	Cap, -12 JIC	1	
19	35313428	Cap, -8 JIC	1	
20	46606119	Connector, Female, 3/4" NPT X -8 JIC	1	
21	35287044	Elbow, 90° 3/4" NPT X -8 JIC	1	

Fuel System, Tandem, Remote Fuel With Electric Fuel Pump



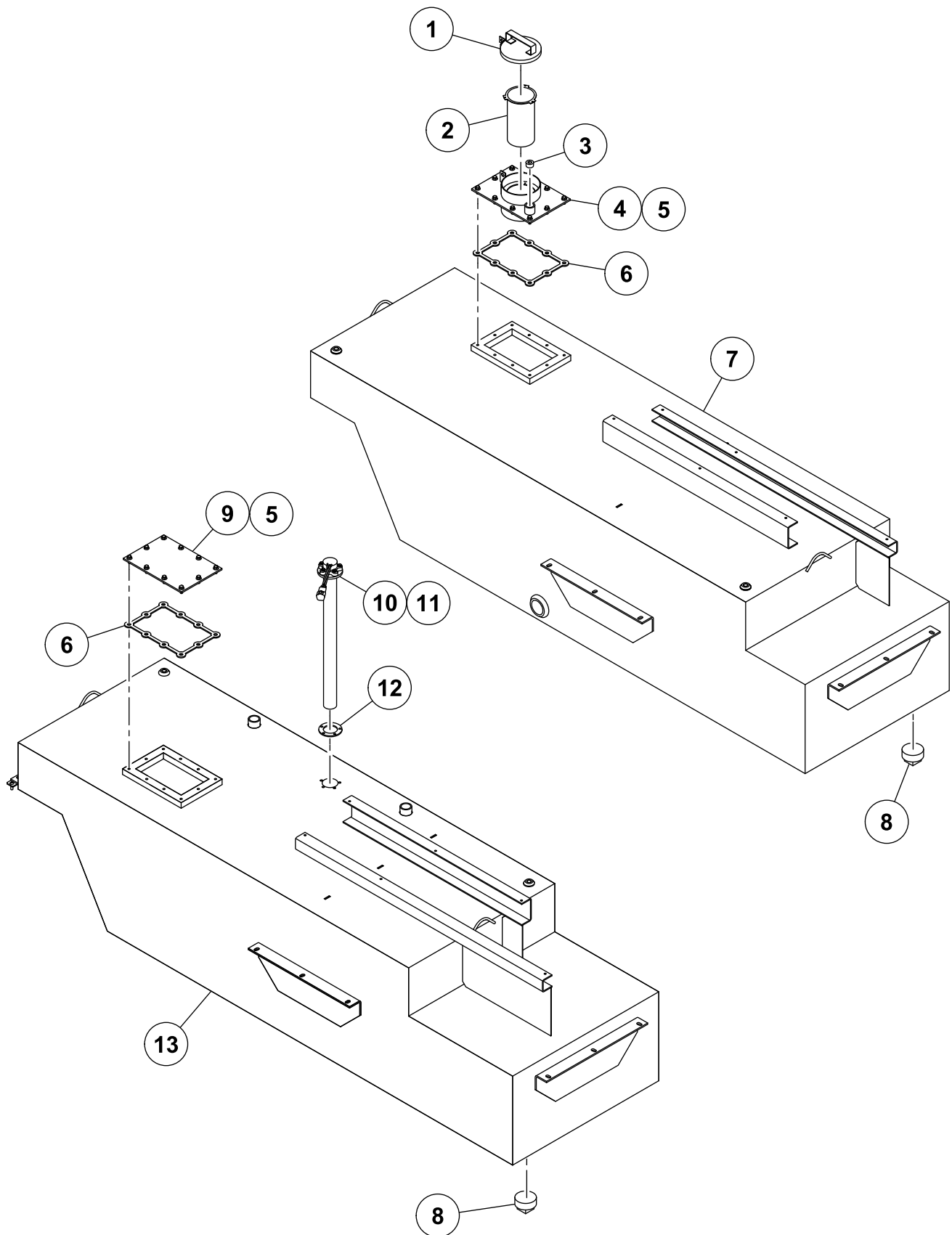
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46595339	Fuel Pump Assembly	1	Replacement Element
	95973228	O-Ring, 0.755" ID X 0.097" Viton	1	
2	96704408	Screw, Hex Flange, M08 - 1.25 X 20	4	
3	23116270	Bracket, Fuel Pump Mounting	1	
4	36881886	Nut, Hex, M08 - 1.25	4	
5	36853521	Relay, 100A 24V	1	
6	92368687	Screw, Tapping, M06 - 1.0 X 14	2	
7	35286525	Elbow, 90° 3/8" NPT X -10 JIC	1	
8	35121847	Hose, -10 JIC X 48"	1	
9	35298512	Hose, -8 JIC x 30"	1	
10	35286442	Elbow, 90° 3/4" NPT X -8 JIC	1	
11	35287028	Plug, Hex, 7/8" - 14 UNF w/O-Ring	2	
	35286533	O-Ring	2	
12	96746078	Elbow, 90° -10 JIC X 5/8" SAE	1	
13	46491601	Filter, Fuel/Water Separator	1	
14	36879195	Nut, Hex Flange, M10 - 1.5	2	
15	46578199SB	Bracket, Fuel/Water Separator Filter	1	
16	96704309	Screw, Hex, M10 - 1.5 X 35"	2	
17	46597139	Elbow, 90° Extra Long -8 JIC X 3/8" - 18 NPT	1	
	46492252	Element, Fuel Filter	1	
	46609199	Bowl, Fuel / Water Separator	1	

Fuel System, Tandem, Remote Fuel With Pump, Fuel Lines



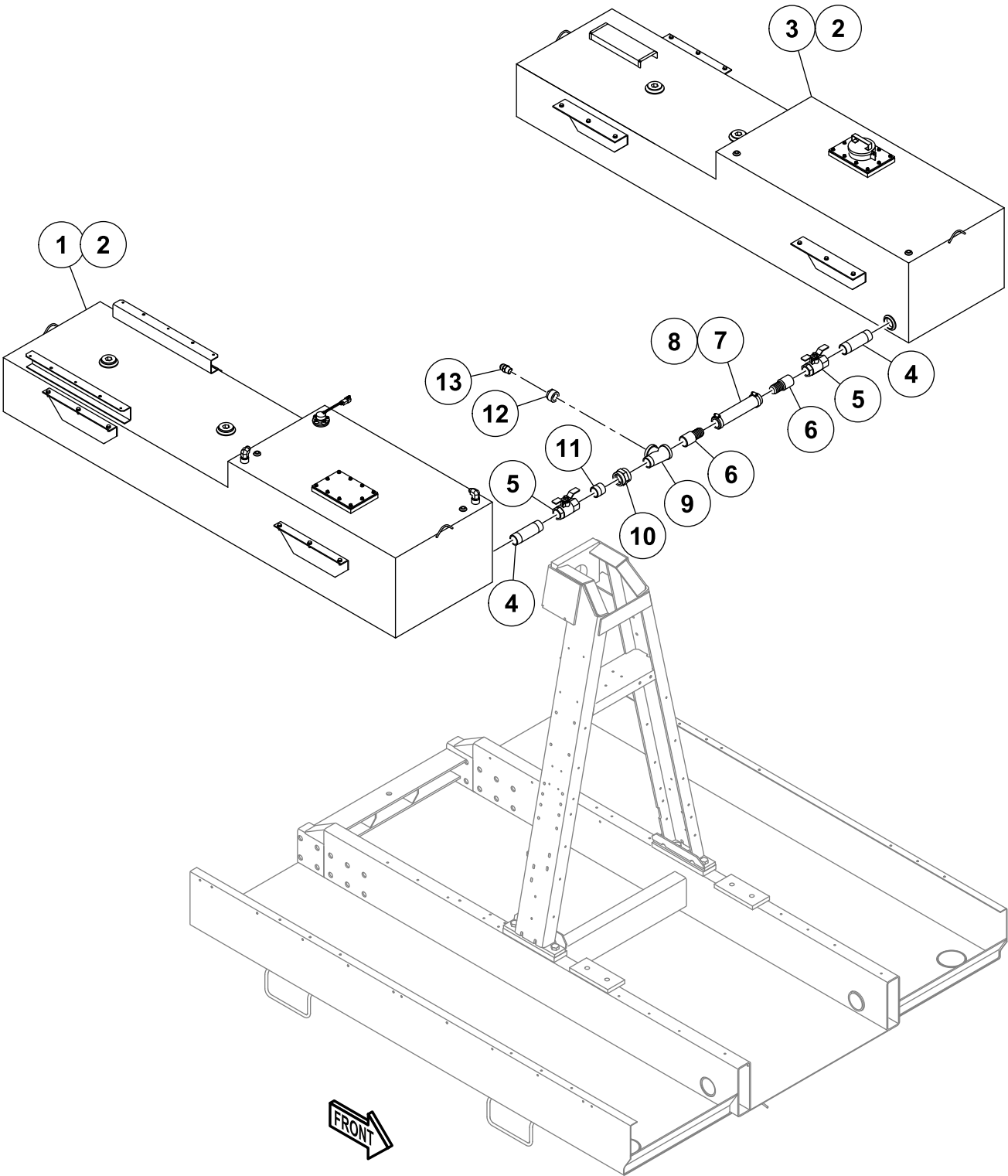
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35325083	Hose, -10 JIC X 34"	1	
2	35286442	Elbow, 90° 3/4" NPT X -8 JIC	1	
3	35287929	Tee, -8 JIC X -8 JIC X -8 JIC	1	
4	35287952	Hose, -8 JIC X 18"	1	
5	46580979	Hose, -10 JIC X 38"	1	
6	35315977	Tee, 3/8" MP X -8 X -8	1	
7	95953956	Bushing, Hex Reducer, 3/4" NPT X 3/8" NPTF	1	
8	54726575	Valve, 3-Way 3/4" NPT	2	
9	36898096	Screw, Hex Flange, M06 - 1.0 X 20	4	
10	46568771	Hose, -10 JIC X 48" 90° Elbow	1	
11	95279394	Elbow, 90° 3/4" NPT X -10 JIC	4	
12	22500607	Hose, -12 JIC X -10 JIC X 21 - 1/2"	1	
13	95279105	Elbow, 45° 3/4" NPTF X -12 JIC	1	
14	22330880	Lever, 3-Way Valve	1	
15	36898104	Nut, Hex Flange, M06 - 1.0	4	
16	54489109	Coupler, 3/4" Quick Connect Female	1	
17	54489125	Coupler, 3/4" Quick Connect Male	1	
18	35287911	Elbow, 90° -8 JIC X -8 JIC Female	1	
19	35307719	Hose, -8 JIC X 48"	1	

Fuel System, Tandem, Fuel Tank Assemblies



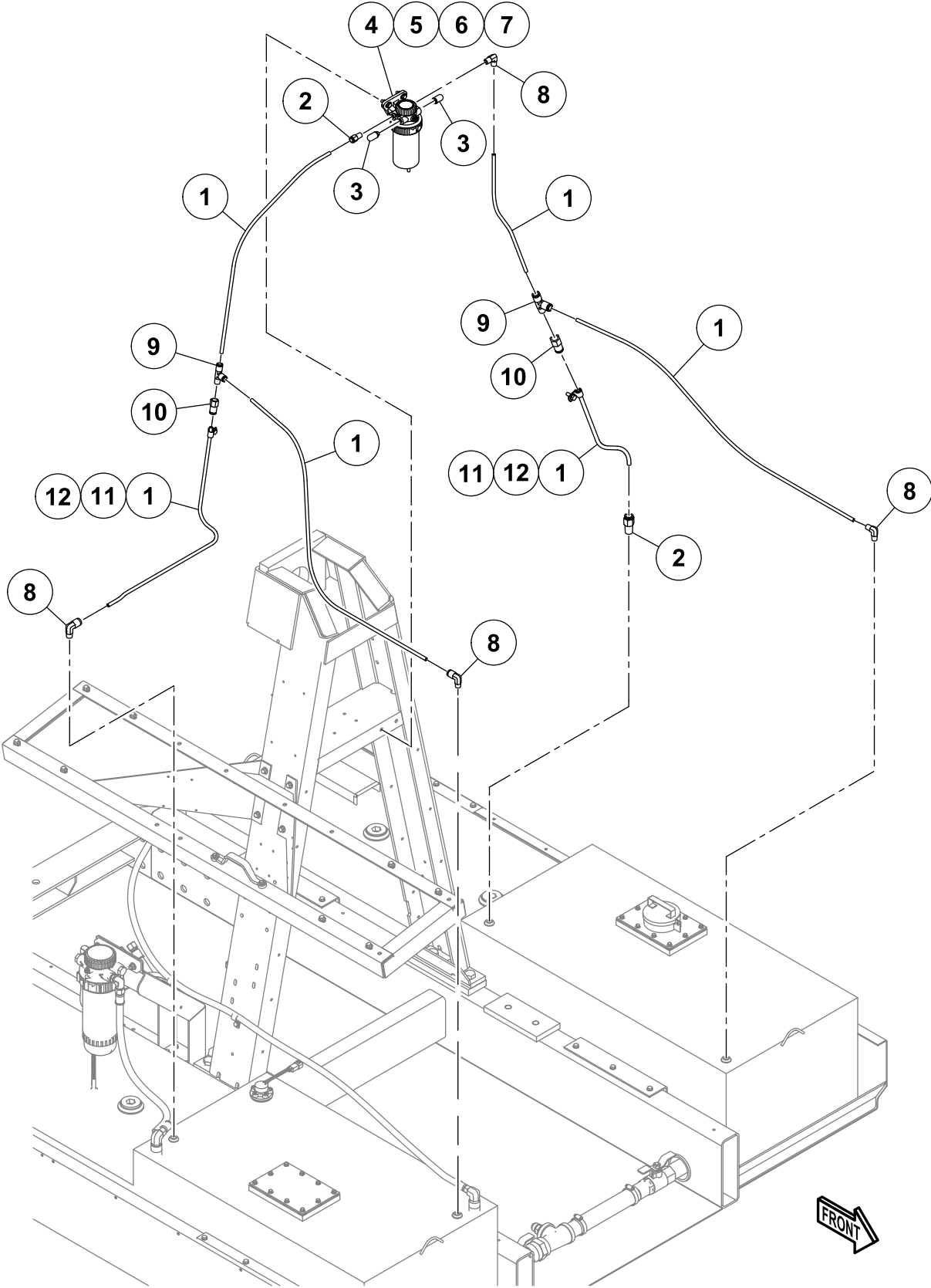
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36845014	Cap, Fuel Filler	1	
2	36845022	Strainer, Fuel Tank	1	
3	95928255	Plug, Hex Socket, 1/2" NPT	1	
4	23148737	Cover, Fuel Fill	1	
5	35144328	Screw, Hex Lock, 1/4" - 20 UNC X 5/8"	20	
6	35389964	Gasket, Cover	2	
7	46653145SB	Tank, Tandem, SS Fuel	1	
8	95437141	Plug, Square Head, 2" NPT	2	
9	22062566	Cover, Fuel Tank Cleanout	1	
10	46565979	Sensor, Fuel Level	1	
11	35252279	Screw, Slotted, #10 -32 X 1/2"	5	
12	35361849	Gasket, Fuel Level Sender	1	
13	46653146SB	Tank, Tandem, CS Fuel	1	

Fuel System, Wagon, Fuel Tank Installation



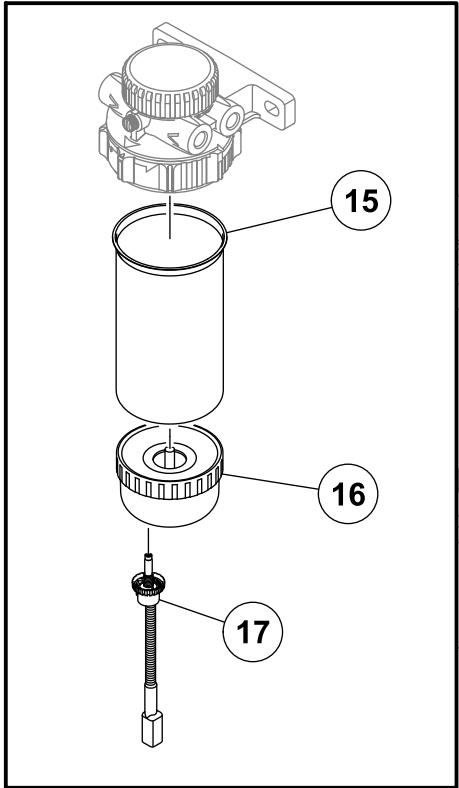
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46654985SB	Tank, Fuel, Curbside, Wagon	1	
2	35279025	Screw, Hex, M08 - 1-1/4" X 20	24	
3	46654984SB	Tank, Fuel, Streetside, Wagon	1	
4	95953535	Nipple, 1-1/2" NPT X 6"	2	
5	46586499	Valve, Ball, 1 - 1/2" NPT	2	
6	54762190	Fitting, Barbed, 1-1/2" NPT X 2"	2	
7	46645703	Hose, Fuel, 1-1/2" ID X 15-1/2"	1	
8	35221662	Clamp, Hose, 1-5/16" - 2-1/4"	2	
9	95954285	Tee, Straight, 1-1/2" NPT	1	
10	95592283	Union, 1 - 1/2" NPTF	1	
11	95487773	Nipple, 1 - 1/2" NPT X 1 - 3/4"	1	
12	95953873	Bushing, Reducer, 1-1/2" NPT X 3/4" NPT	1	
13	95219747	Connector, -12 JIC X 3/4" NPT	1	

Fuel System, Wagon, Venting



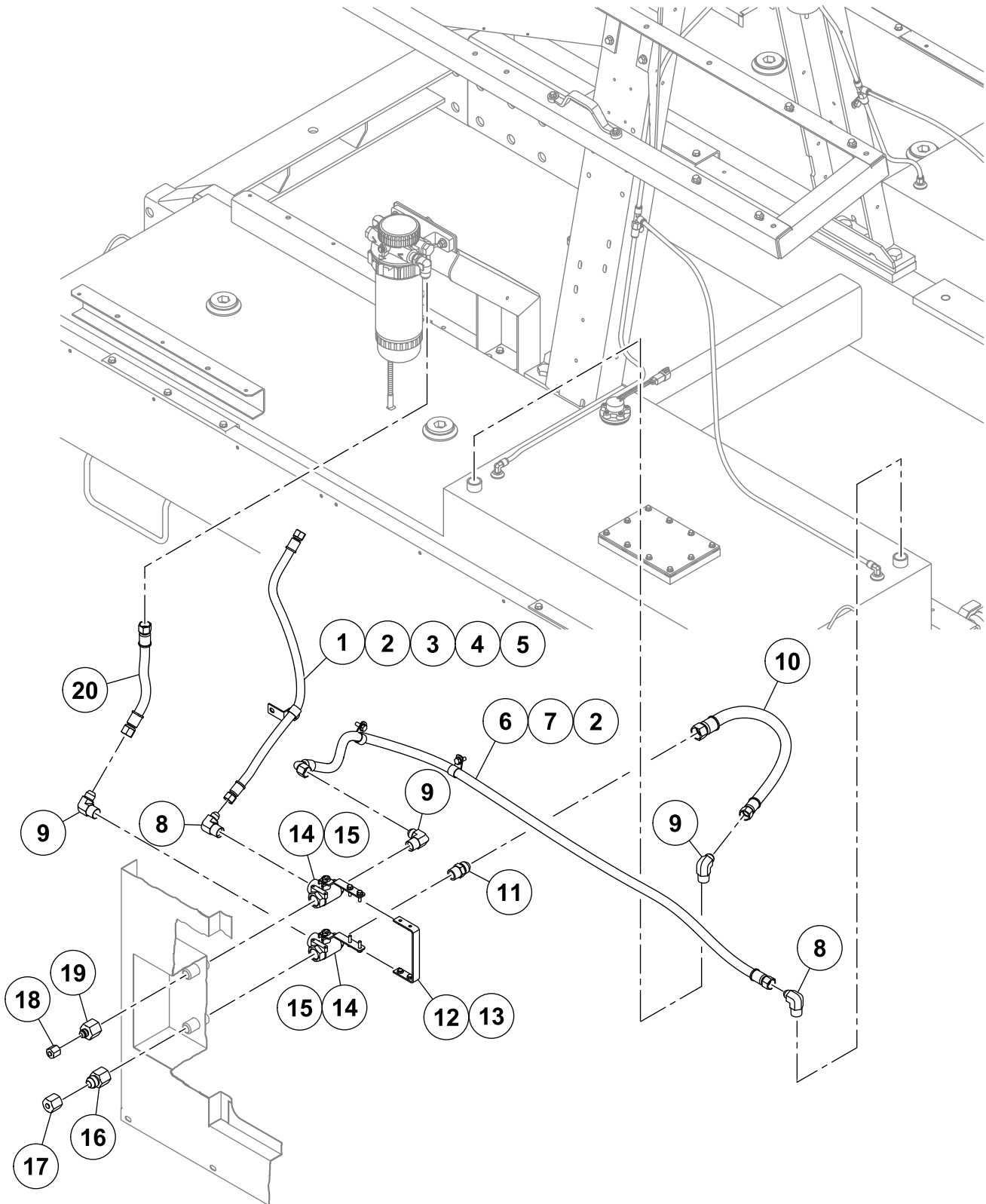
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35356484	Tubing, Synflex, 3/8" OD	222	Measured In Inches
2	35369347	Connector, 1/4" NPT X 3/8" Tube	1	
3	35322395	Silencer, Pneumatic, 1/4" NPT	2	
4	46591539	Filter, Fuel Tank Vent 5 Micron	1	
5	36881886	Nut, Hex Flange, M08 - 1.25	2	
6	95934998	Washer, Flat, 5/16" ID	2	
7	35271162	Screw, Hex, M08 - 1.25 X 30	2	
8	35369354	Elbow, 90° 1/4" NPT X 3/8" Tube	4	
9	35369503	Tee, Street, 1/4" NPT X 3/8" Tube	2	
10	35369339	Connector, 1/4" FNPT X 3/8" Tube	2	
11	35222538	Clamp, Support, 9/16" Rubber Coated	2	
12	35279025	Screw, Tapping, M08 - 1.25 X 20	2	
13	35369347	Connector, 1/4" FNPT X 3/8" Tube	1	

Fuel System, Wagon, Standard Piping



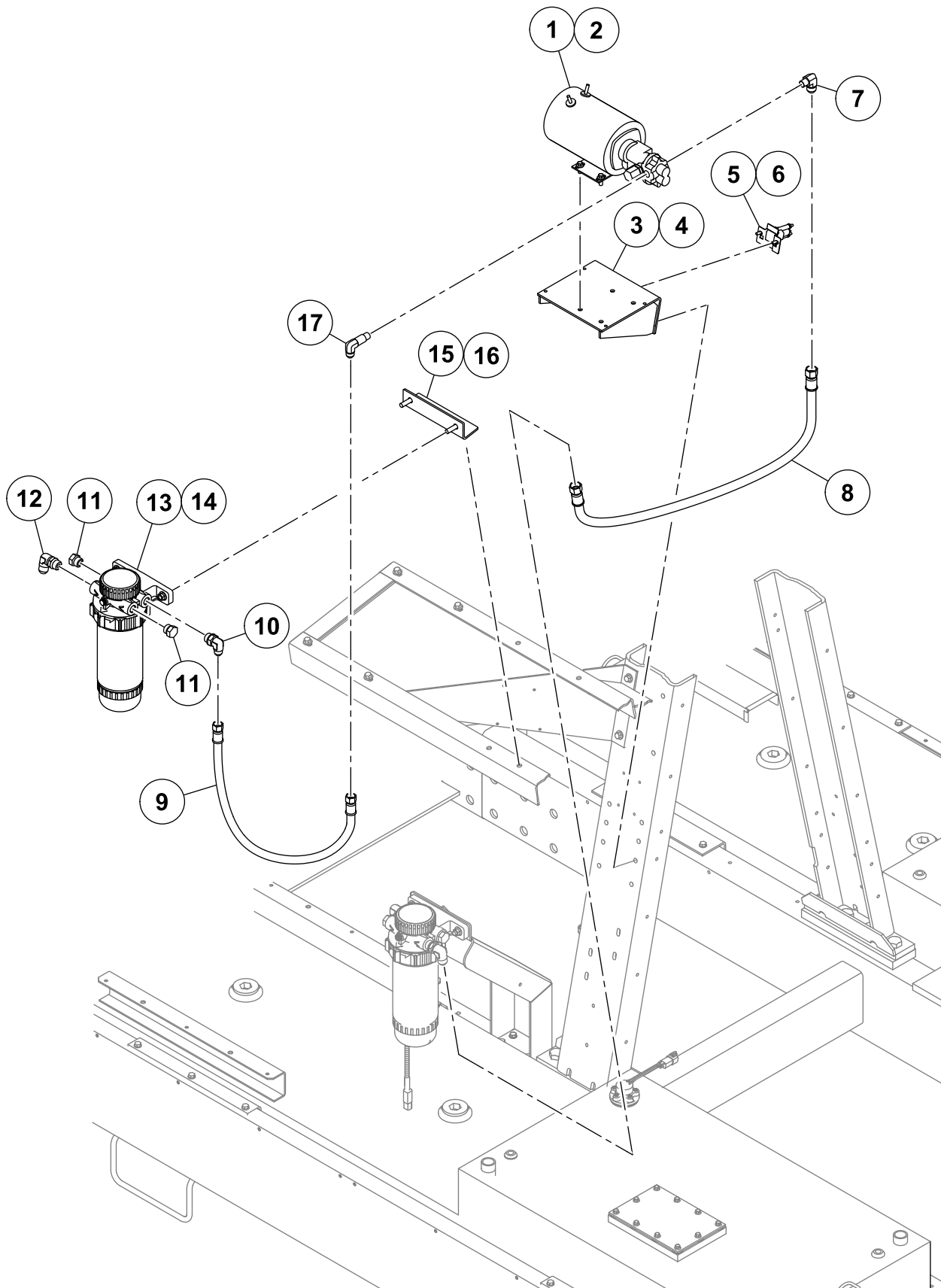
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46628021	Elbow, 90° - 8 JIC X 7/8" - 14	1	
2	35287028	Plug, O-Ring 7/8" - 14	2	
3	46578119	Filter, Fuel/Water Separator 7 Micron	1	
4	36879195	Nut, Hex, M10 - 1.5	2	
5	96704309	Screw, Hex, M10 - 1.5 X 35	2	
6	35283522	Hose, -8 JIC X 77"	1	
7	35291285	Clamp, Support, 13/16" ID	2	
8	35279025	Screw, Hex, M08 - 1.25 X 20	6	
9	35287044	Elbow, 90° 3/4" NPT x -8 JIC	1	
10	95279394	Elbow, 90° 3/4" NPT x -10 JIC	1	
11	46586779	Bracket, 7 Micron Fuel/Water Separator	1	
12	22141550	Hose, -10 JIC X 27"	1	
13	96746078	Elbow, w/O-Ring, 90° - 10 JIC X 7/8" - 14	1	
14	46580979	Hose, -10 JIC X 38"	1	
15	46578120	Element, Fuel Filter 7 Micron	1	
16	46609199	Bowl, Fuel / Water Separator	1	
17	46609799	Sensor, Water-in-Fuel	1	

Fuel System, Wagon, Remote Fuel, No Pump



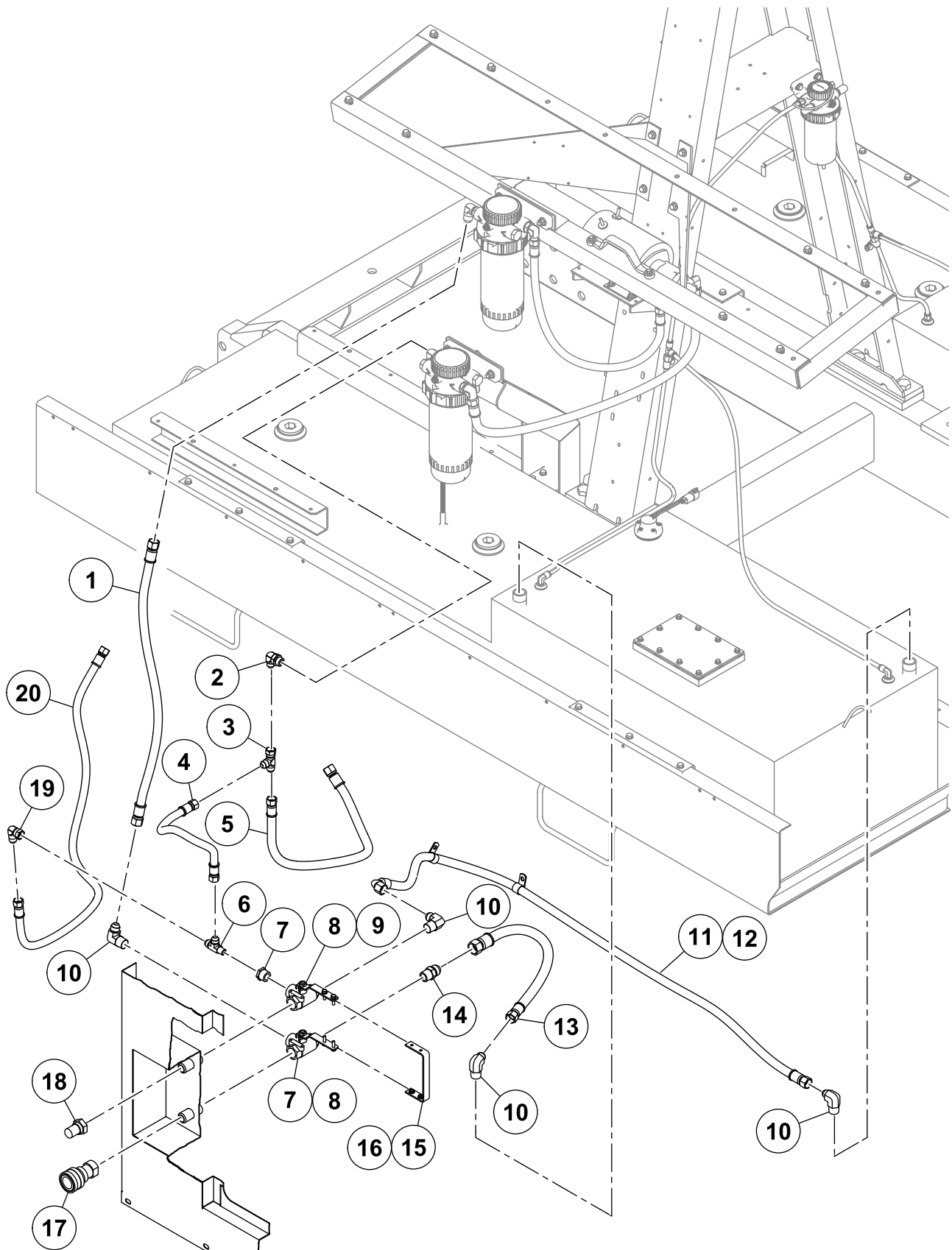
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35295179	Hose, -8 JIC X 34"	1	
2	35291285	Clamp, Hose, 13/16"	3	
3	96702824	Screw, Hex Head, M08 -1.25 X 20	1	
4	96735543	Nut, Hex, M08 - 1.25	1	
5	35127224	Bracket, Support,	1	
6	46627142	Hose, -10 JIC X 68 - 1/2" 90° Elbow	1	
7	35279025	Screw, Hex Head, M08-1.25 X 20	2	
8	35287044	Elbow, 90° 3/4" NPT X -8 JIC	2	
9	95279394	Elbow, 90° 3/4" NPT X -10 JIC	3	
10	46652867	Hose, -12 JIC X -10 JIC X 21 - 1/2"	1	
11	95219747	Connector, -12 JIC X 3/4" NPT	1	
12	22330880	Lever, 3-Way Valve	1	
13	36898104	Nut, Hex Flange, M06 - 1.0	4	
14	54726575	Valve, 3-Way 3/4" NPT	2	
15	36898096	Screw, Hex Flange, M06 - 1.0 X 20	4	
16	95293320	Connector, 3/4" FNPT X -12 JIC	1	
17	35369214	Cap, -12 JIC	1	
18	35313428	Cap, -8 JIC	1	
19	46606119	Connector, Female, 3/4" NPT X -8 JIC	1	
20	35287010	Hose, -10 JIC X 12"	1	

Fuel System, Wagon, Remote Fuel With Electric Fuel Pump



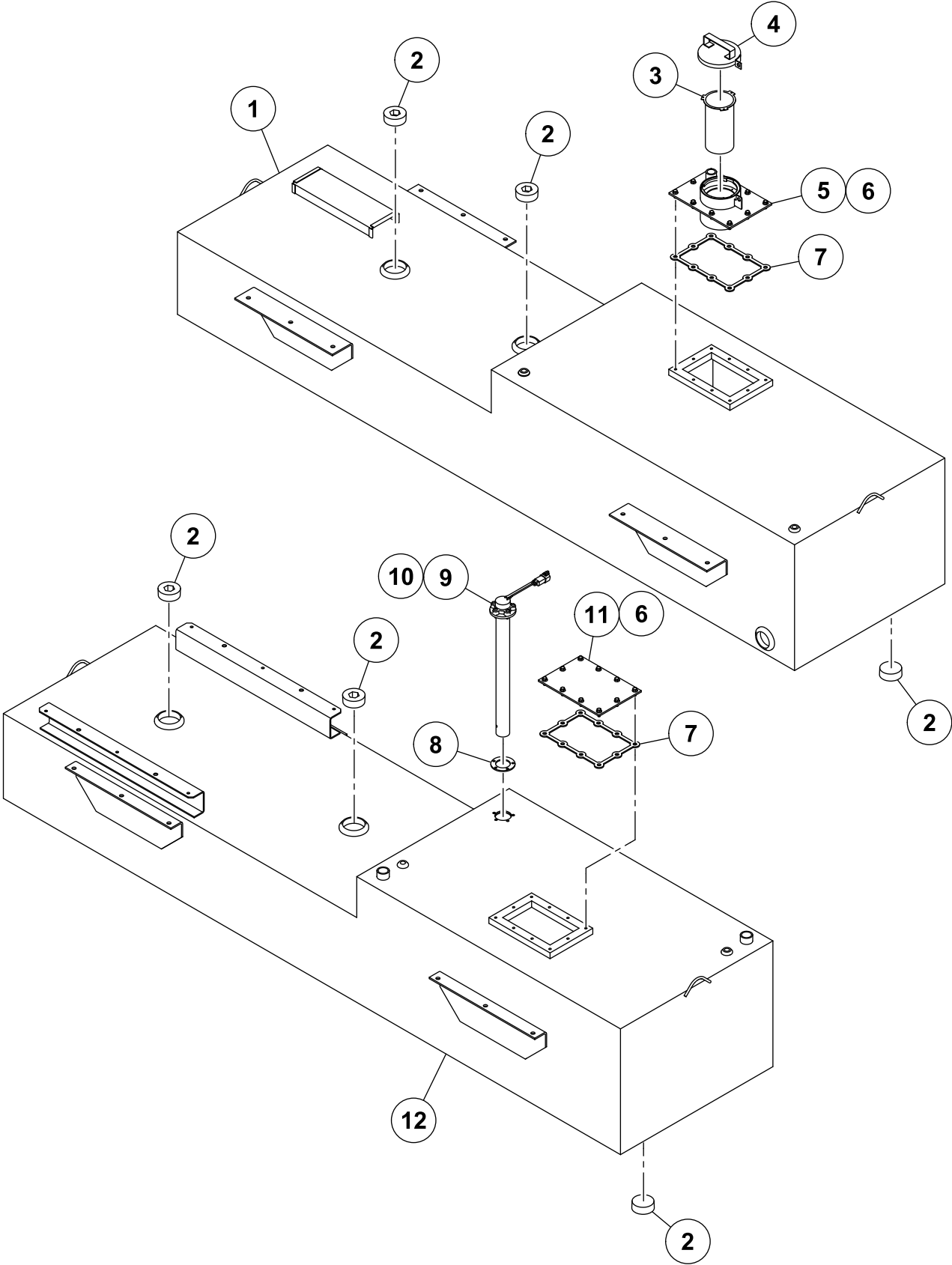
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46595339	Fuel Pump Assembly	1	
2	96704408	Screw, Hex Flange, M08 - 1.25 X 20	4	
3	23116270	Bracket, Fuel Pump Mounting	1	
4	36881886	Nut, Hex, M08 - 1.25	4	
5	36853521	Relay, 100A 24V	1	
6	92368687	Screw, Tapping, M06 - 1.0 X 14	2	
7	35286525	Elbow, 90° 3/8" NPT X -10 JIC	1	
8	35121847	Hose, -10 JIC X 48"	1	
9	35298512	Hose, -8 JIC x 30"	1	
10	35286442	Elbow, 90° 3/4" NPT X -8 JIC		
11	35287028	Plug, Hex, 7/8" - 14 UNF w/O-Ring	2	
12	96746078	Elbow, 90° 7/8" - 14 UNF	1	
13	46491601	Filter, Fuel/Water Separator	1	
14	36879195	Nut, Hex Flange, M10 - 1.5	2	
15	46578199SB	Bracket, Fuel/Water Separator Filter	1	
16	96704309	Screw, Hex, M10 - 1.5 X 35"	2	
17	46597139	Elbow, 90° Extra Long -8 JIC X 3/8" - 18 NPT	1	

Fuel System, Wagon, Remote Fuel With Pump, Fuel Lines



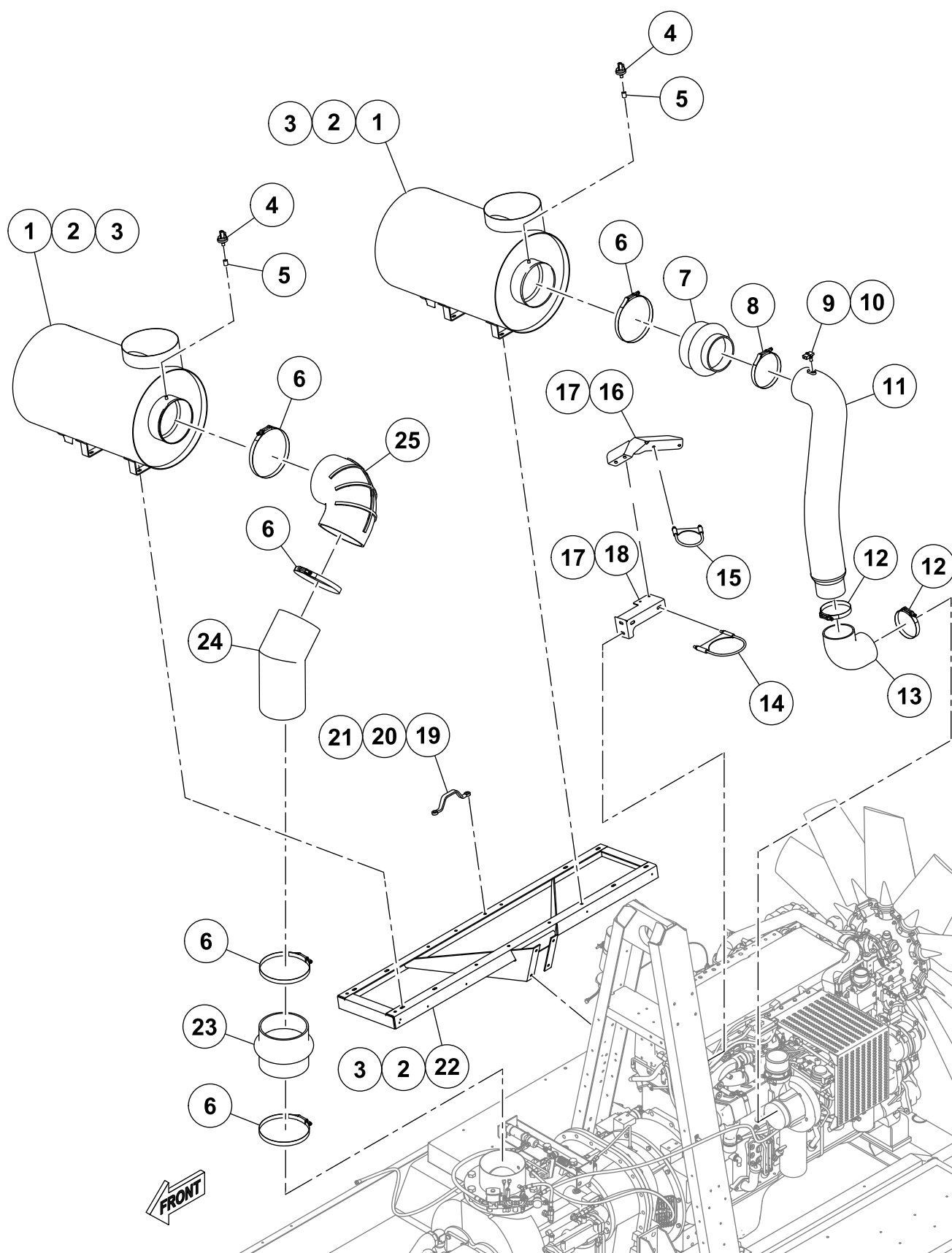
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35325083	Hose, -10 JIC X 34"	1	
2	35286442	Elbow, 90° 3/4" NPT X -8 JIC	2	
3	35287929	Tee, -8 JIC X -8 JIC X -8 JIC	1	
4	35287952	Hose, -8 JIC X 18"	1	
5	46580979	Hose, -10 JIC X 38"	1	
6	35315977	Tee, 3/8" MP X -8 X -8	1	
7	95953956	Bushing, Hex Reducer, 3/4" NPT X 3/8" NPTF	1	
8	54726575	Valve, 3-Way 3/4" NPT	2	
9	36898096	Screw, Hex Flange, M06 - 1.0 X 20	4	
10	95279394	Elbow, 90° 3/4" NPT X -10 JIC	3	
11	46627142	Hose, -10 JIC X 68 - 1/2" 90° Elbow	1	
12	35291285	Clamp, Support, 13/16" ID	2	
13	46652867	Hose, -12 JIC X -10 JIC X 21 - 1/2"	1	
14	95219747	Connector, -12 JIC X 3/4" NPT	1	
15	22330880	Lever, 3-Way Valve	1	
16	36898104	Nut, Hex Flange, M06 - 1.0	4	
17	54489109	Coupler, 3/4" Quick Connect Female	1	
18	54489125	Coupler, 3/4" Quick Connect Male	1	
19	35287911	Elbow, 90° -8 JIC X -8 JIC Female	1	
20	35307719	Hose, -8 JIC X 48"	1	

Fuel System, Wagon, Fuel Tank Assemblies



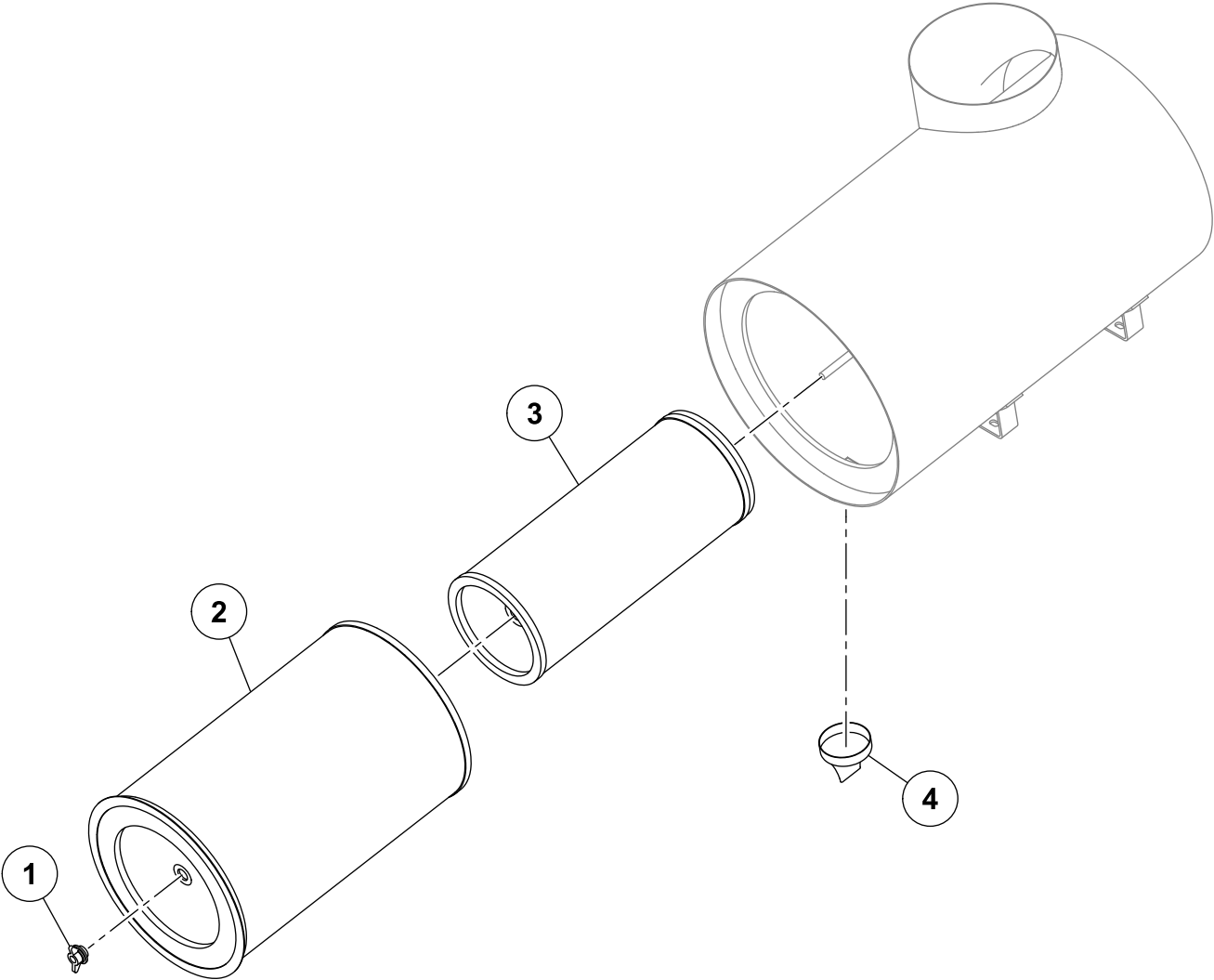
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46654984	Tank, Fuel, CS Wagon	1	
2	95941811	Plug, Hex, 2" NPT	6	
3	36845022	Strainer, Fuel Tank	1	
4	36845014	Cap, Fuel Filler	1	
5	46652621	Cover, Fuel Tank Filler	1	
6	35144328	Screw, Hex Flange, 1/4" - 20 X 5/8"	20	
7	35389964	Gasket, Cover	2	
8	35361849	Gasket, Fuel Level Sender	1	
9	46652733	Sensor, Fuel Level	1	
10	36842102	Screw, Hex, #10 - 32 X 1"	5	
11	22062566	Cover, Fuel Tank Cleanout	1	
12	46654985	Tank, Fuel, SS Wagon	1	

Air Intake

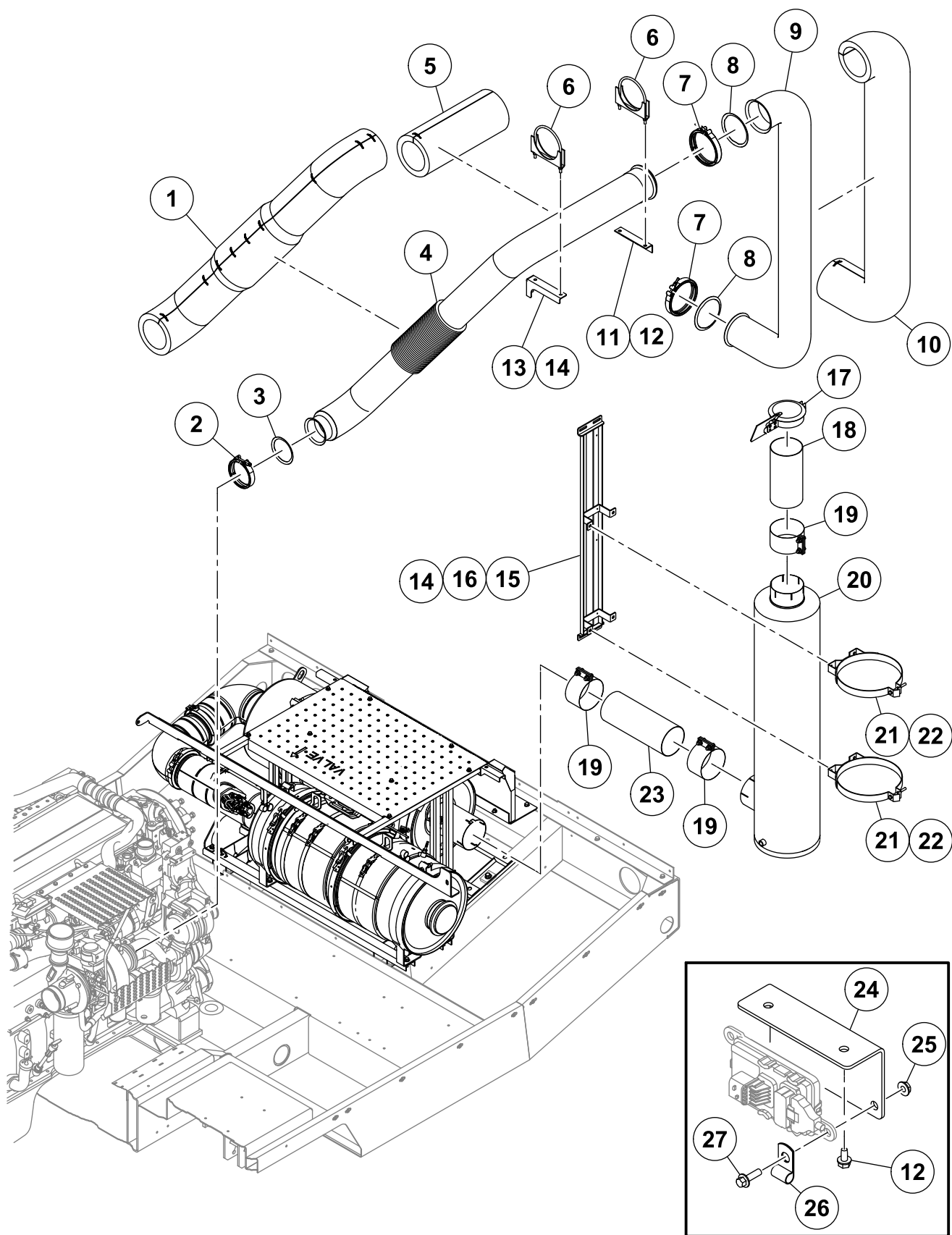


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36864346	Air Cleaner Assembly,	2	
2	36880995	Screw, Hex Head Flange, M10 - 1.5 X 30	12	
3	36879195	Nut, Hex Flange, M10 - 1.5	12	
4	36847838	Switch, Vacuum	2	
5	95935599	Coupling, 1/8" NPT X 3/4"	2	
6	35129071	Clamp, T-Bolt, 8-7/8" Nom. ID	5	
7	46556495	Reducer, Hose, 8" X 6"	1	
8	35123496	Clamp, T-Bolt, 6-3/4" Nom. ID	1	
9	46566779	Sensor, TBAP Cummins	1	
10	95942553	Screw, Panhead Phillips, #8 - 32 X 5/8"	1	
11	46646979	Tube, Air Intake Engine	1	
12	35161025	Clamp, T-Bolt, 5-1/2" Nom. ID	2	
13	35135300	Elbow, Rubber, 90°, 5"	1	
14	36896579	Clamp, Saddle, 6" ID	1	
15	35111731	Clamp, Saddle, 6" ID	1	
16	46580700SB	Bracket, Pipe CAC	1	
17	46650395SB	Bracket, Pipe Air Intake	1	
18	35279025	Screw, Tapping, M08 - 1.25 X 20	4	
19	35130707	Hand Hold	1	
20	36889608	Screw, Hex Flange, M08 - 1.25 X 25	2	
21	36881886	Nut, Hex Flange, M08 - 1.25	2	
22	46557256SB	Bracket, Air Cleaner	1	
23	35120260	Hump Hose, Rubber, Straight 8" X 8"	1	
24	22163653	Tube, Connector	1	
25	35120211	Elbow, Rubber, 90°, 8" ID	2	

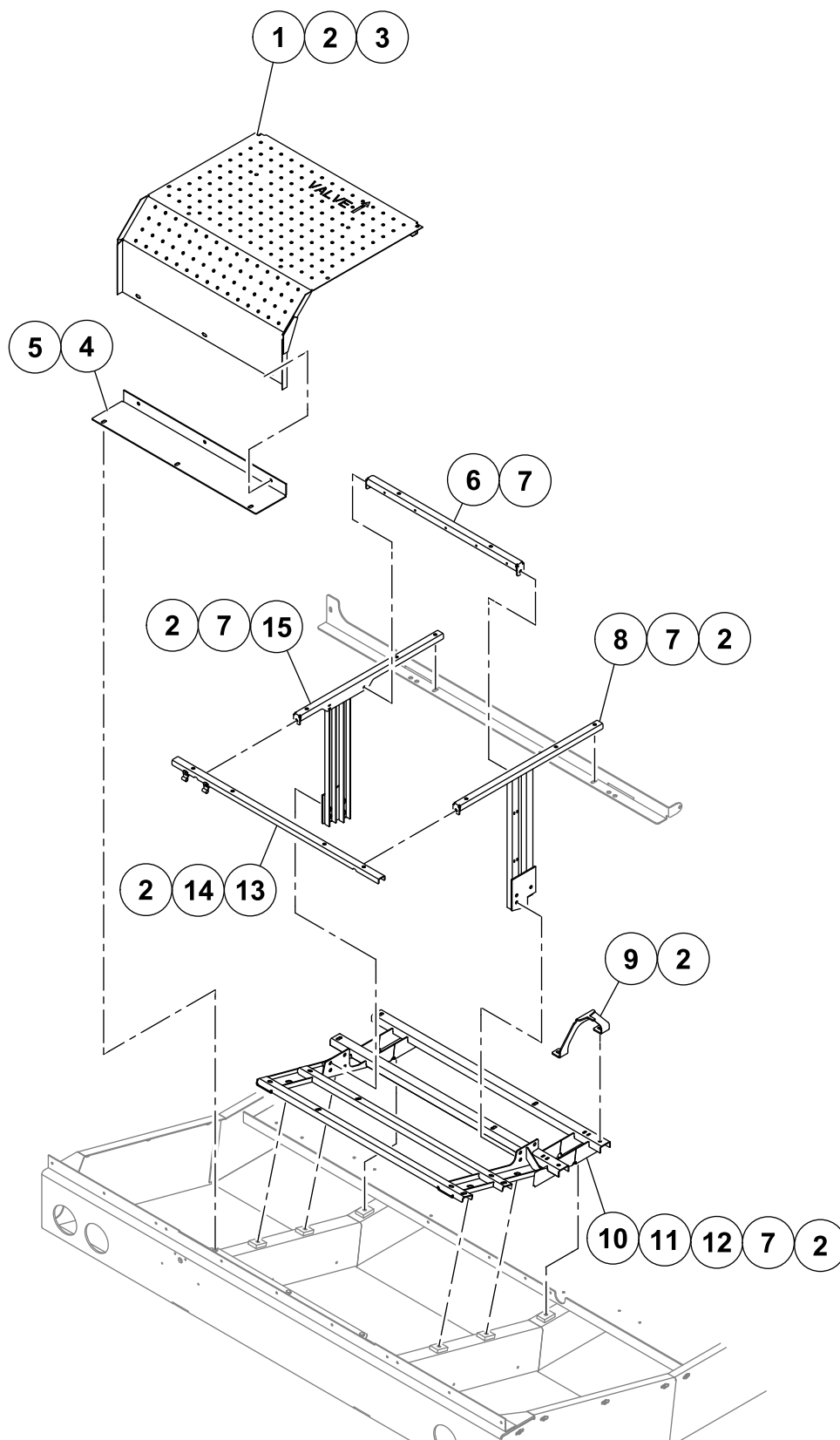
Air Intake, Air Cleaner Assembly



Exhaust System, Muffler And Piping

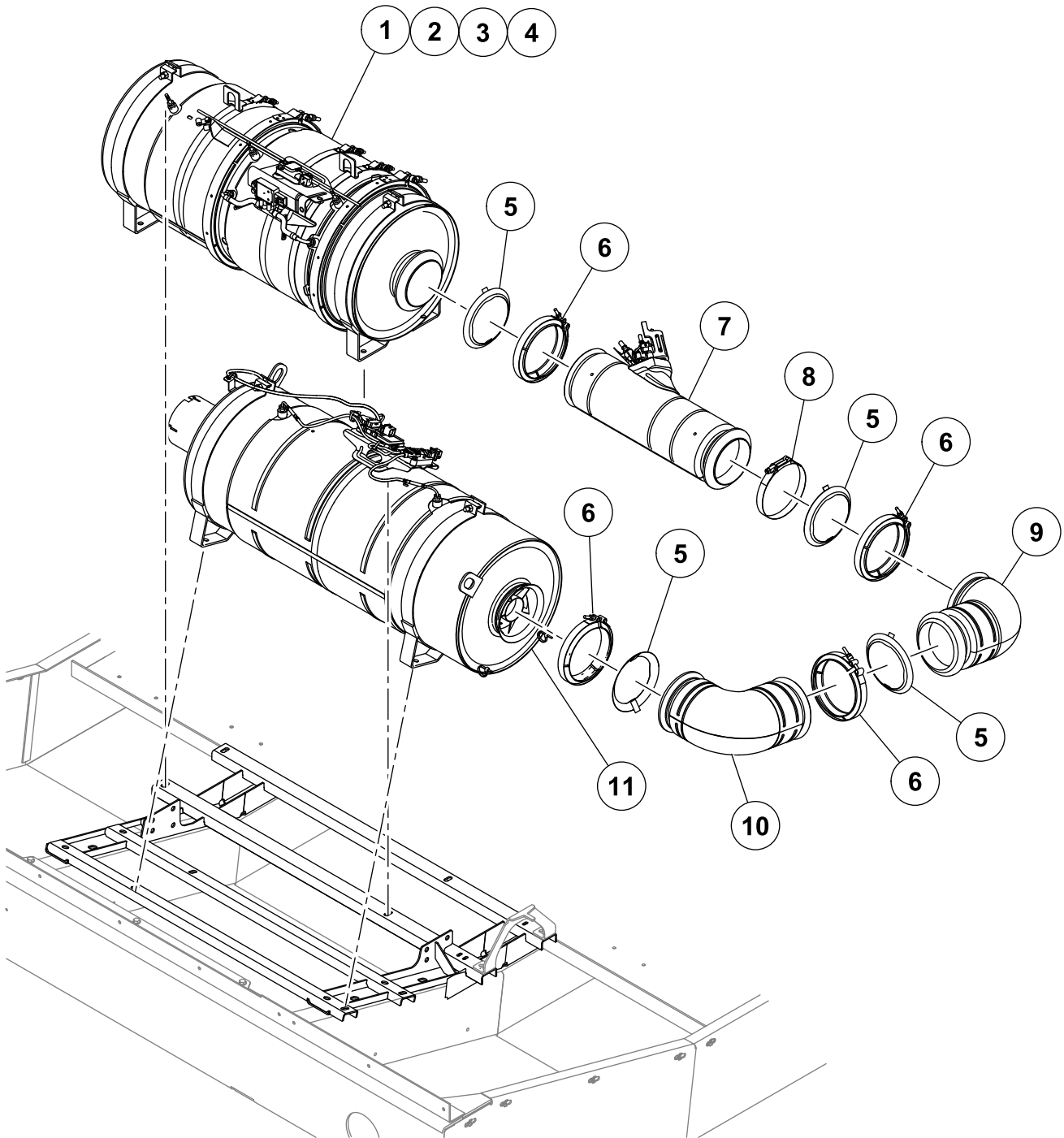


Exhaust System, Aftertreatment Support



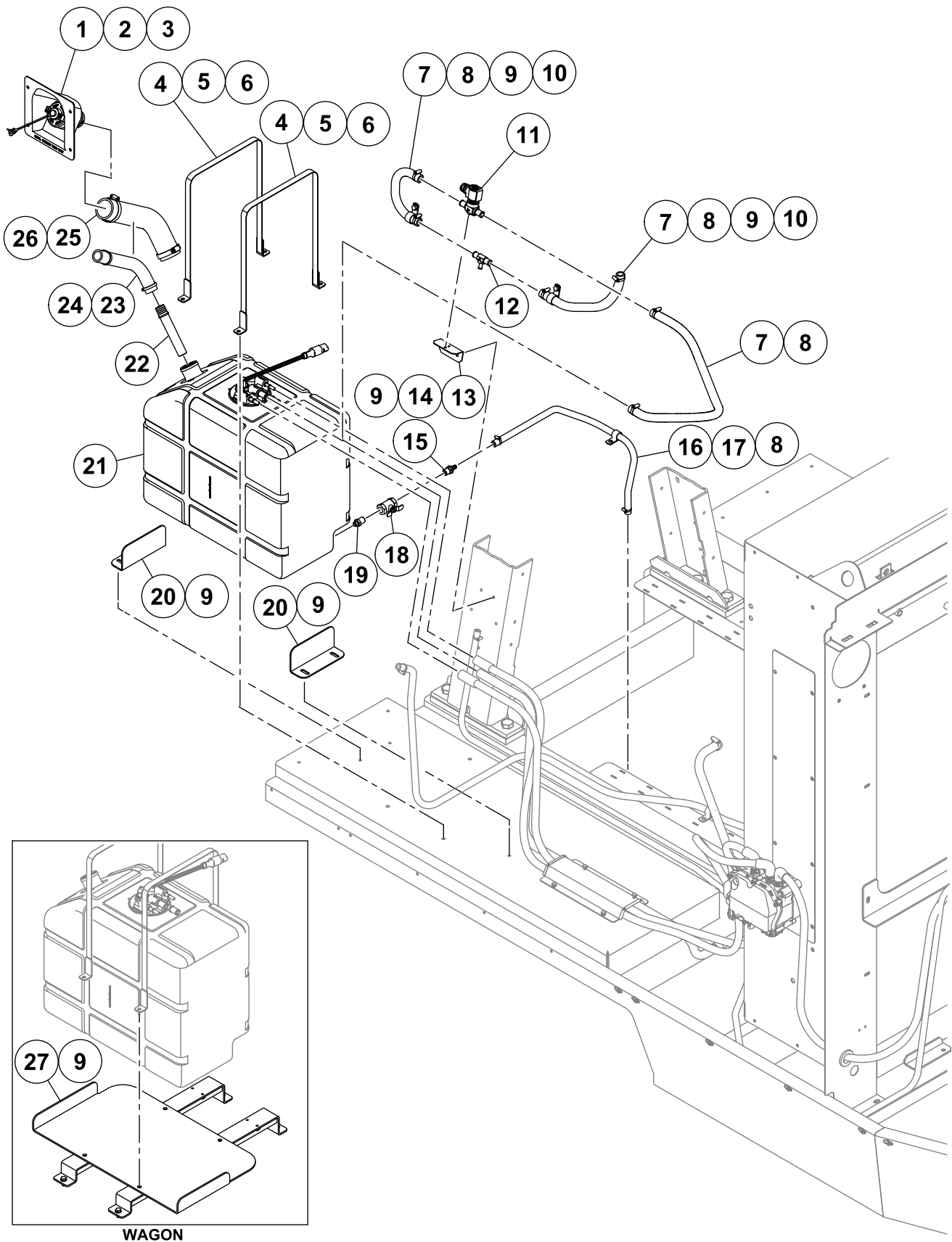
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46649259GA	Step, Rear Exhaust Plenum	1	Tandem Frame Wagon Frame
2	36889608	Screw, Hex, M08 - 1.25 X 25	21	
3	96704408	Screw, Flange, M08 - 1.25 X 20	3	
4	46651130SA	Angle, DPF Guard, HSRG	1	
	46651709SA	Angle, DPF Guard, STRG	1	
5	35279025	Screw, Tapping, M08 - 1.25 X 20	3	
6	46651028SB	Support, Rear Step, Cross	1	
7	46651840	Tie, Cable, 3/16" X 7-7/8"	10	
8	46648199SB	Support, Rear Step, Curbside	1	
9	46651214SB	Support, DRT	1	
10	46648639SB	Support, Aftertreatment, HSRG	1	
	46651586SB	Support, Aftertreatment, STRG	1	
11	36880995	Screw, Locking, M10 - 1.5 X 30	7	
12	36888055	Screw, Locking, M12 - 1.75 X 30	6	
13	46651029SB	Support, Vertical Baffle	1	
14	35253038	Clamp, Support, 3/8" ID	2	
15	46651027SB	Support, Rear Step, Streetside	1	

Exhaust System, Aftertreatment And Piping



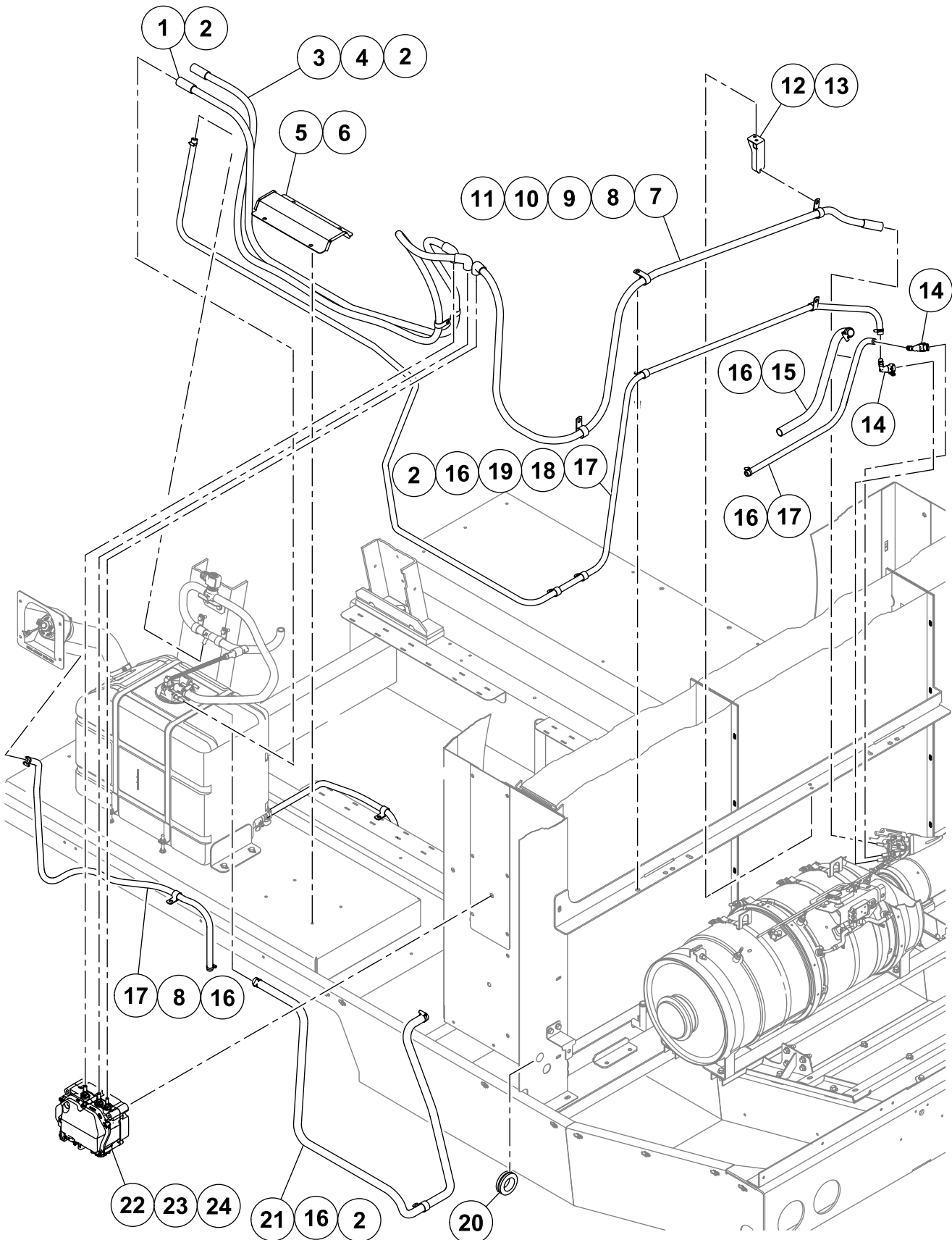
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46645420	Aftertreatment, DPF EI - EO, QSX15, T4F	1	
2	35863638	Clamp, 14"	4	
3	36880995	Screw, Locking, M10 - 1.5 X 30	8	
4	36879195	Nut, Flange, M10 - 1.5	8	
5	46605128	Gasket, Exhaust, Spherical Marmon, 5"	4	
6	46605126	Clamp, Exhaust, Spherical Marmon, 5"	4	
7	46643140	Tube, Decomposition Reactor, QSX15, T4F	1	
8	35116615	Clamp, T-Bolt, 5-29/32" ID	1	
9	46640861	Elbow, Exhaust, 5" Spherical Flare X 5" Spherical Marmon	1	
10	46651973	Elbow, Exhaust, 90 Deg., 127 Dia., 199 Inlet, 166 Outlet	1	
11	46645419	Aftertreatment, SCR EI - EO, QSX15, T4F	1	

DEF System, Tank



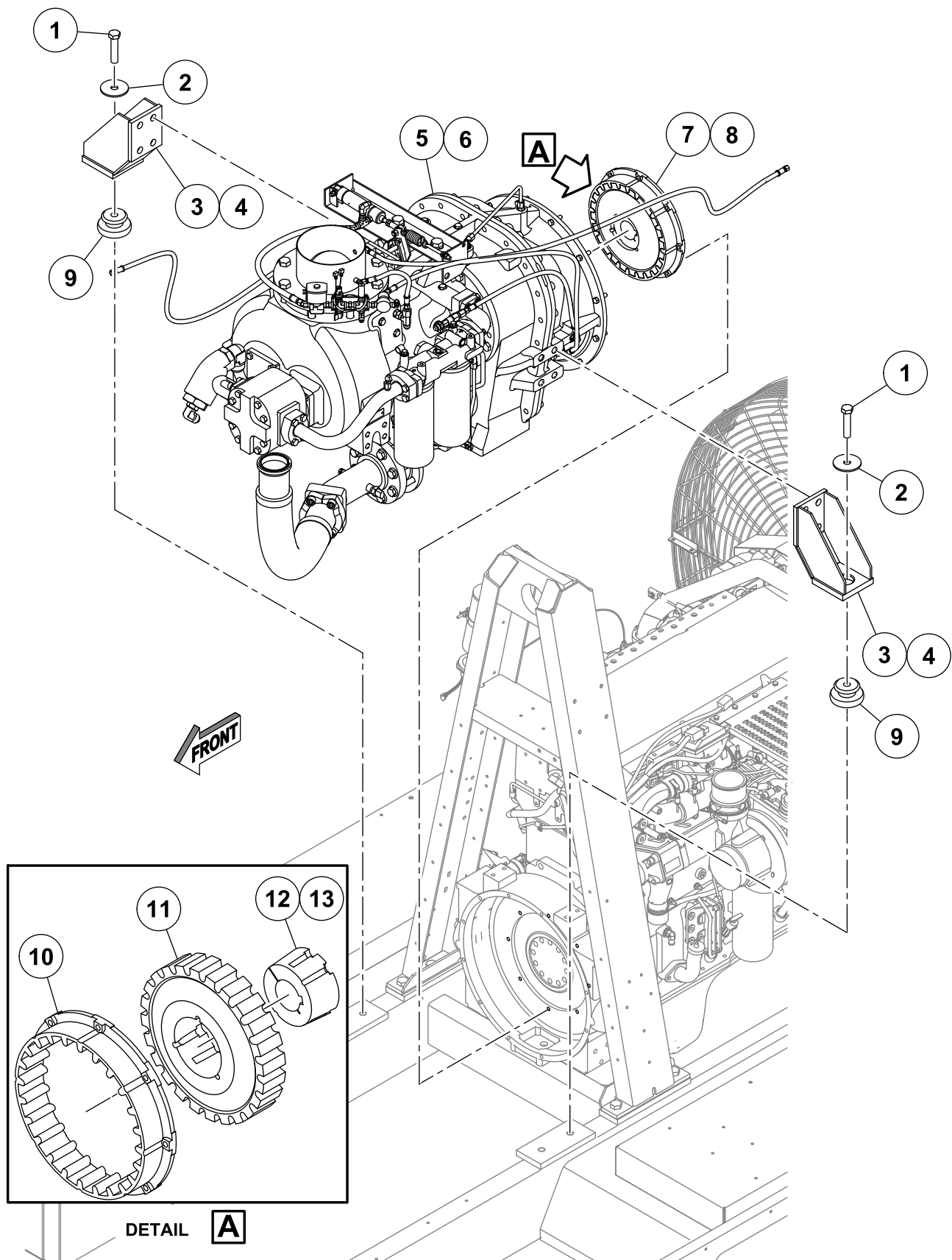
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46651126	Pan, External DEF Fill Spill	1	Measured in Inches
2	46651331	Cap, External DEF Fill	1	
3	36797652	Screw, Tapping, M06 - 1.0 X 12	4	
4	46650882SB	Strap, DEF Tank Mounting	2	
5	36881886	Nut, Flange, M08 - 1.25	8	
6	36786382	Screw, Hex, M08 - 1.25 X 70	4	
7	46652351	Hose, Silicone, Coolant, 5/8"	60	
8	46641379	Clamp, Hose, Constant Tension, #10	8	
9	35279025	Screw, Tapping, M08 - 1.25 X 20	6	
10	35114081	Clamp, Support, 1-1/16"	2	
11	46641521	Valve, Coolant Control, 24V, 5/8" Hose	1	Measured in Inches
12	46650022	Tee, Hose, 5/8" X 5/8" X 3/8"	1	
13	46627819	Bracket, Coolant Control Valve	1	
14	46641490	Screw, Hex, M05 - 0.8 X 8	2	
15	46651939	Connector, Hose, 3/8" NPT X 3/8" Push Lock	1	
16	46652350	Hose, Silicone, Coolant, 3/8" ID	31	Tandem Frame Only
17	35291285	Clamp, Support, 13/16" ID	1	
18	46651178	Valve, Ball, 3/8" NPT	1	
19	46651413	Adapter, 3/8" NPTF X 9/16" - 18	1	
20	46651738SB	Angle, DEF Tank Support, Tandem	2	
21	46651125	Tank Assembly, DEF 15 Gallon External Fill	1	Wagon Frame Only
	46651329	Tank, DEF 15 Gal. External Fill	1	
	46651406	Module, DEF Tank Header	1	
22	46651336	Tube, DEF Tank Fill Restrictor	1	
23	46651334	Hose, Def Tank Fill	1	
24	46656790	Clamp, Pinch, 1-3/8" - 1-1/2" SST	2	
25	46651335	Hose, DEF Tank Vent	1	
26	35221639	Clamp, 2-3/8"	2	
27	46651992SB	Support, DEF Tank, Wagon	1	

DEF System, Piping



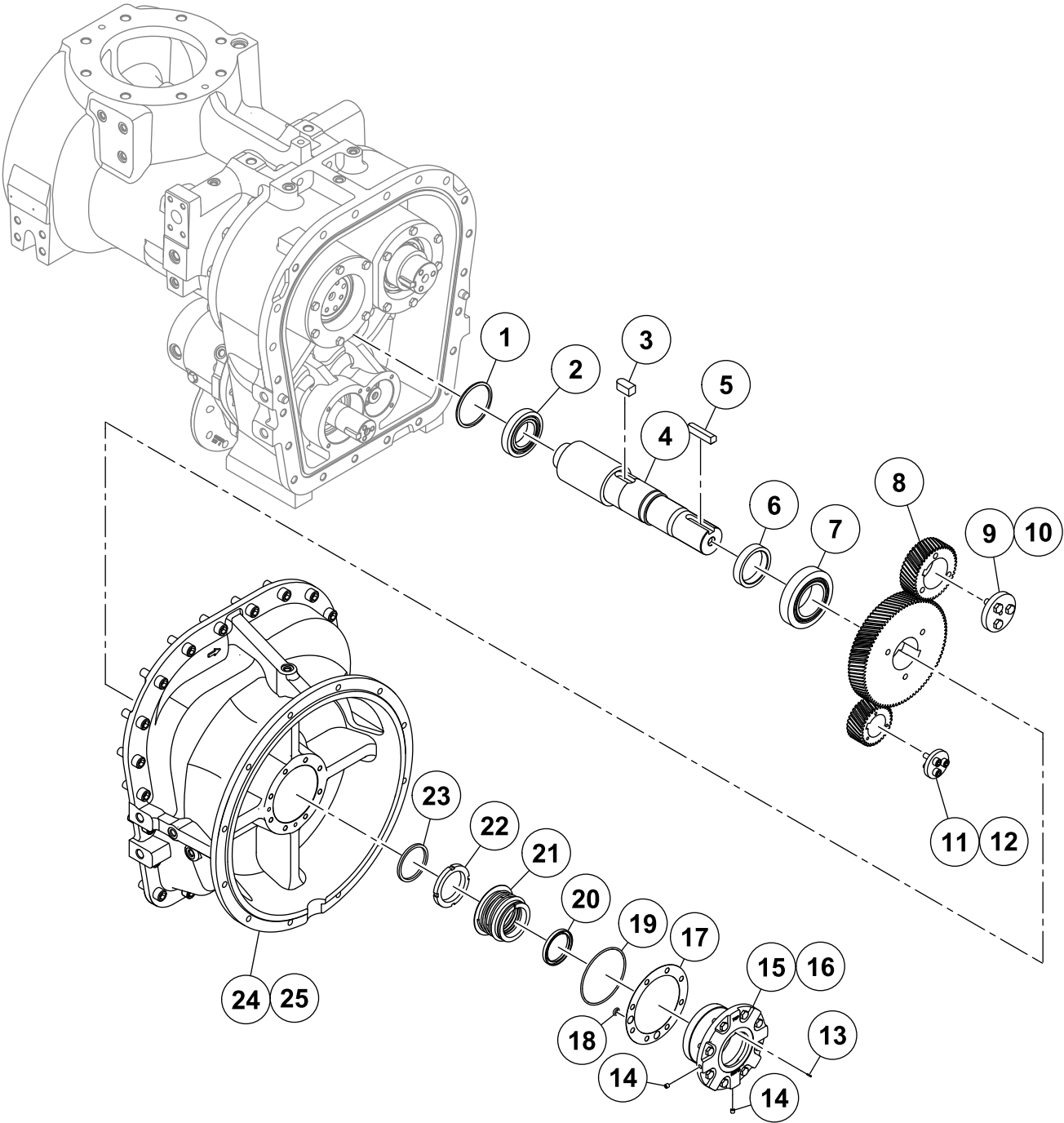
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46651370	Hose Assembly, DEF Suction, Heated, 78 - 3/4"X 90°	1	Tandem Frame Only
2	35114081	Clamp, Rubber Coated, Support, 13/16" ID	5	
3	46651371	Hose Assembly, DEF Return, Heated, 78 - 3/4"X 90°	1	
4	35144336	Screw, Hex, Flange, 5/16" - 18 X 3/4"	1	
5	46651716SB	Cover, DEF Hoses	1	
6	36797652	Screw, Tapping, M06 - 1.0 X 12	4	
7	46652547	Hose Assembly, Heated EPDM DEF Pressure, 2.5M 90 X 90	1	
8	32591285	Clamp, Rubber Coated Support, 1" ID	4	
9	36889608	Screw, Hex Flange, M08 - 1.25 X 25	2	
10	36898096	Screw, Hex Flange, M06 - 1.0 X 20	1	
11	36898104	Nut, Hex Flange, M06 - 1.0	1	Measured in Inches
12	46651622SB	Bracket, DEF Hoses	1	
13	36898096	Screw, Hex, Flange, - 1.0 X 20	2	
14	46649599	Elbow, 90°, 3/8", J2044 X 3/8" Hose Barbtail	2	
15	46652354	Sleeving, Thermal Reflective, 1"	26	
16	46641379	Clamp, Hose Constant Tension, #10	10	
17	46652350	Hose, Silicone Coolant, 3/8" ID	174	
18	35225085	Clamp, Support, 15/16" ID Rubber Coated	2	
19	35279025	Screw, Hex, Tapping, M08 - 1.25 X 20	2	
20	46653409	Grommet, Rubber, 1 - 1/8" X 1"	1	Measured in Inches
21	46652351	Hose, Silicone Coolant, 5/8" ID	86	
22	46643141	Module, Doser Fluid Supply	1	
23	96721154	Screw, Hex, M08 - 1.25 X 90	3	
24	46652904	Filter, DEF, Pump	1	

Airend, HR350, Installation



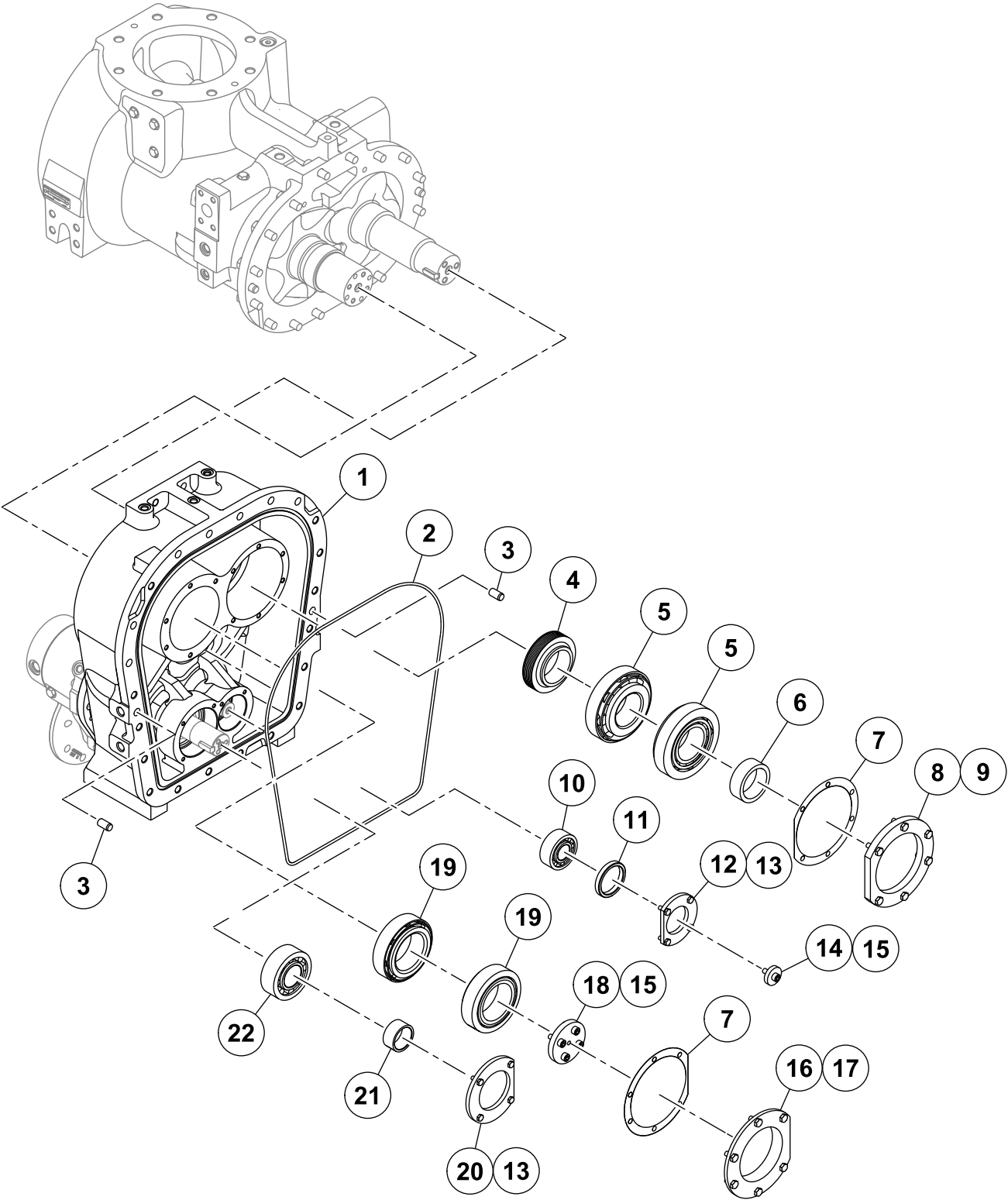
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	96700919	Screw, Hex, M20 - 2.5 X 90	2	
2	35273937	Washer, Snubber	2	
3	54613369	Bracket, Airend Support	2	
4	35375856	Screw, Hex, M20 - 2.5 X 35	8	
5	46667040	Airend, HR350, RA11	1	
6	95934626	Screw, Hex, 7/16" - 14 X 1-1/2"	12	
7	46587479	Coupling Assembly, Drive AC	1	
8	36881704	Screw, Hex, 3/8" - 16 X 1-1/4"	8	
9	35584556	Mount, Center Bond	2	
10	46554944	Ring, Drive Coupling	1	
11	46578019	Element, Coupling	1	
12	46554946	Bushing, Drive Coupling	1	
13	35367069	Key, Bushing	1	

Airend, HR350, Gear Case



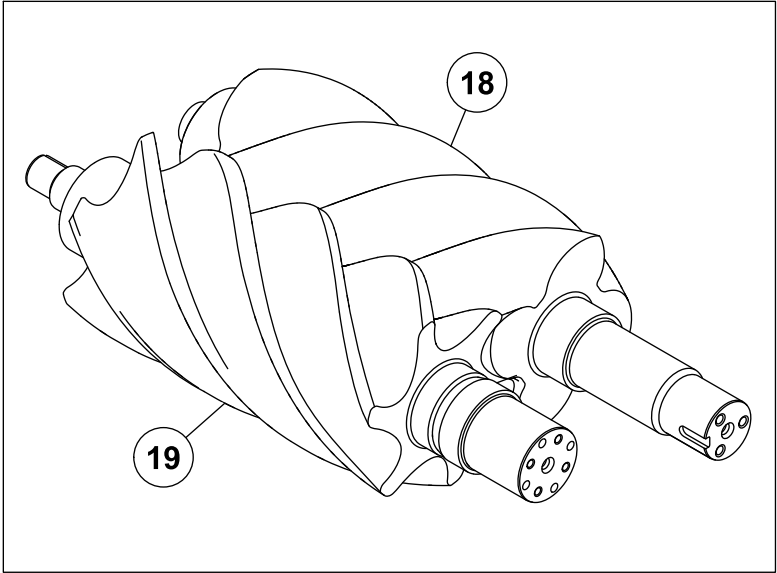
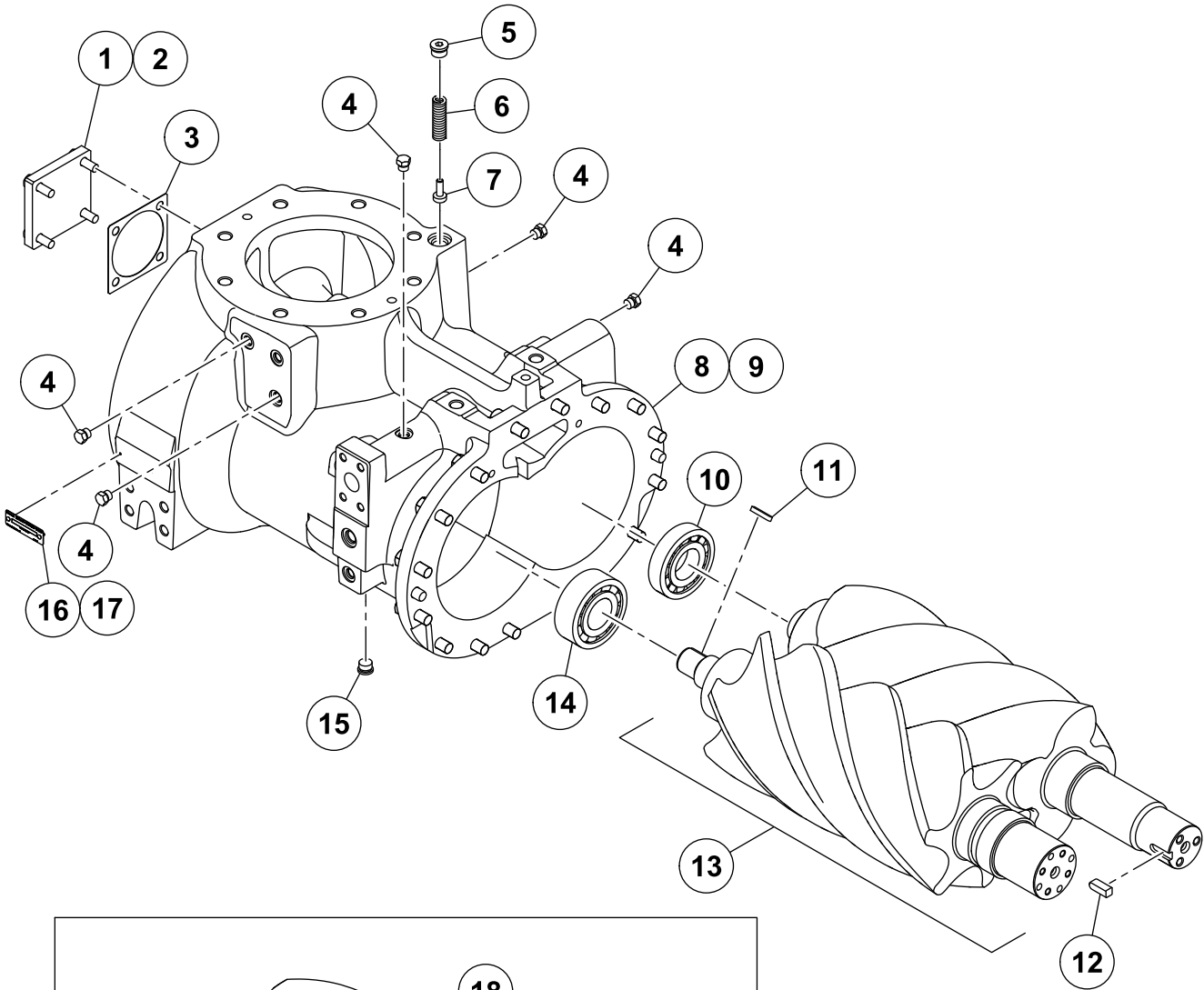
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46548301	Spacer, Bearing Input	1	
2	46619275	Bearing, TRB 55 X 100 X23	1	
3	46619270	Key, 19 X 19 X 40	1	
4	46548236	Shaft, Input, HR350	1	
5	46619272	Key, 16 X 16 X 70	1	
6	46548269	Spacer, Gear, Input	1	
7	46619274	Bearing, TRB, 71.438 X 127 X 36.512	1	
8	46619281	Gear Set, HR350, 86/45/33	1	
9	46548228	Plate, Clamp	1	
10	96712187	Screw, Hex, M12 -1.75 X 30	1	
11	46548285	Plate,, Clamp, 2 Stage Male	1	
12	35311463	Screw, Hex, Socket, M10 -1.5 X 30	3	
13	95533469	Pin, .101" X .438"	1	
14	46610699	Plug, Expansion, 8MM Dia. X 34 MM	2	
15	46623999	Seal, Housing, HR350	1	
16	96702295	Screw, Hex, M10 -1.5 X25	8	
17	46619400	Shim Set, 129 X 176	1	
18	46555839	O-Ring, Viton 2-204 Standard, 3/8" ID X 1/8"	2	
19	46619271	O-Ring, Viton -248 Standard, 4-3/4" ID X 1/8"	1	
20	46619401	Seal, Lip, 63.5 X 77.5 X 8	1	
21	46619402	Seal, Shaft, Input, 98.425 Dia	1	
22	46619273	Nut, Lock, M70 X 2 X 12	1	
23	46548244	Spacer, Bearing	1	
24	46606179	Housing, Gearcase, HR350	1	
25	96708391	Screw, Hex, Socket, M16 -2.0 X 45	22	

Airend, HR350, Interstage Bearings and Caps



ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46606181	Housing, Interstage, Machined, HR350	1	
2	46619403	O-Ring, 73.73 ID X .125 WD Viton w/Splice	1	
3	46618986	Pin, Dowel, 16 MM DIA X 32 MM	2	
4	46548467	Piston, Thrust, MR1	1	
5	46619412	Bearing, TRB, 76 X 162 X 49.5 (9220/9285)	2	
6	46548277	Spacer, Gear, 1st Stage	1	
7	46619411	Shim Set, 162 X 200	2	
8	46548459	Retainer, Bearing, 1st Stage, Male	1	
9	96701487	Screw, Hex, M10 -1.5 X 30	6	
10	46619277	Bearing, CRB, 35 X 80 X 31 (NU2307)	1	
11	46548327	Spacer, Bearing, 2nd Stage, Female	1	
12	46548368	Retainer, Bearing, 2nd Stage, Female	1	
13	35273408	Screw, Hex, M8 -1.25 X 20	8	
14	46548376	Plate, Inlet Clamp, 2nd Stage, Female	1	
15	35311463	Screw, Hex, Socket, M10 -1.5 X 30	4	
16	46548434	Retainer, Bearing, Outer HR350	1	
17	96716139	Screw, Hex, Socket, M10 -1.5 X 20	6	
18	46548442	Plate, Clamp, 1st Stage, Female	1	
19	46619410	Bearing, TRB, 86 X 142 X 43 (HM617010/HM617049)	2	
20	46548350	Retainer, Bearing, 2nd Stage, Male	1	
21	46548293	Spacer, Gear, 2nd Stage	1	
22	46619404	Bearing, CRB, 50 X 110 X 40 (NU2310)	1	

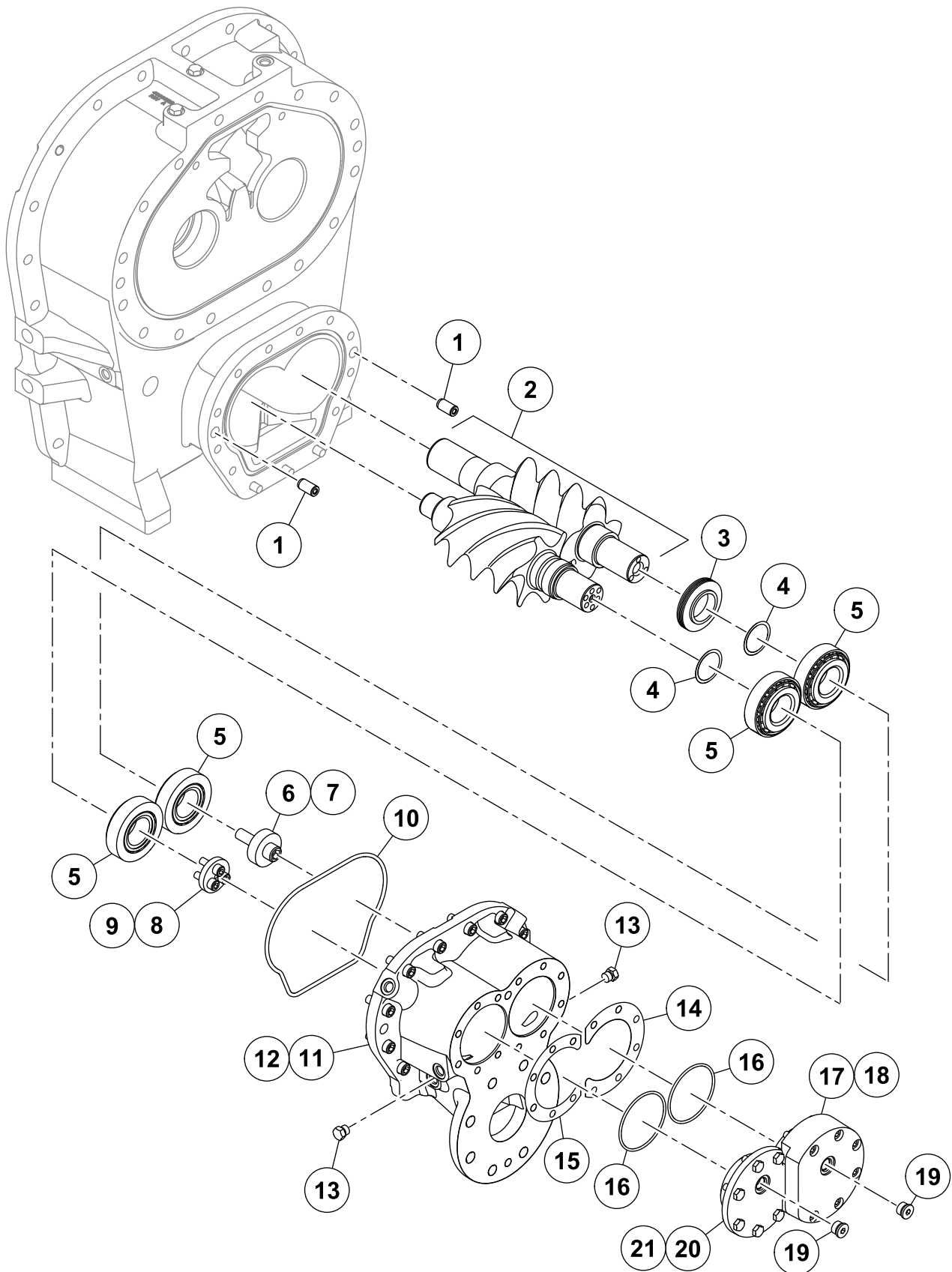
Airend, HR350, 1st Stage Rotors



DETAIL 1

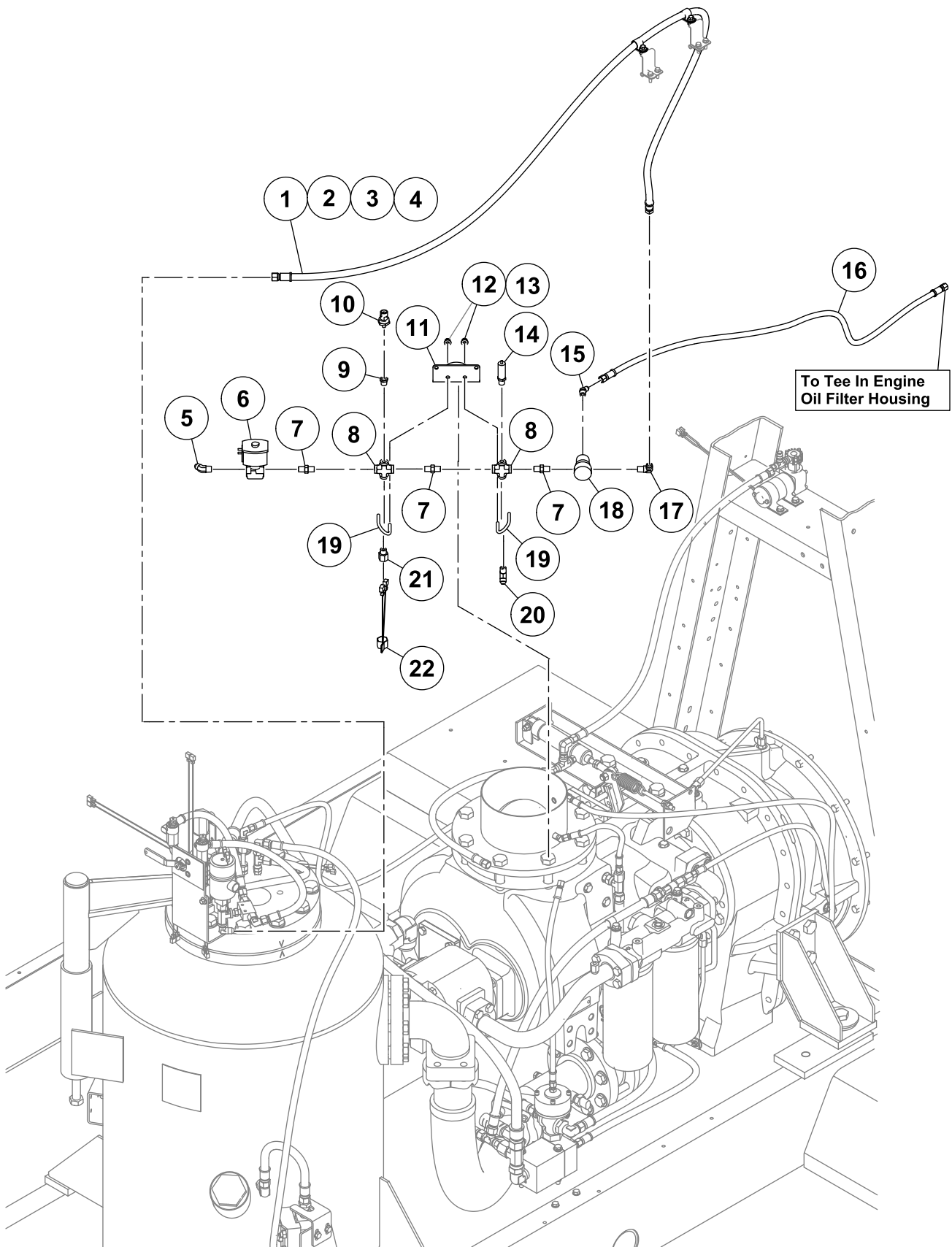
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46548418	Cover, Bearing, HR350	1	
2	96706080	Screw, Hex, M12 -1.75 X 40	4	
3	46619407	Gasket, Bearing Cover, HR350	1	
4	95938205	Plug, Hex, 9/16" -18 UNF SAE, O-Ring	5	
5	36861557	Plug, Hex, Socket, 7/8" -14 UNF SAE, O-Ring	1	
6	46620821	Spring, Bypass Valve	1	
7	46548319	Piston, By-Pass Valve	1	
8	46599760	Housing, Rotor, Machining, HR350	1	
9	96706262	Screw, Hex, M16 -2.0 X 45	16	
10	46555865	Bearing, CRB, 50 X 110 X 27 (NJ310)	1	
11	95340428	Key, 1/4" X 1-1/2"	1	
12	46619239	Key, 12.7 X 12.7 X 35	1	
13	46609161	Rotor Set, 1st Stage, HR350	1	
14	46622779	Bearing, CRB, 50 X 110 X 40 (NJ2310)	1	
15	39101449	Plug, Hex, Socket, 3/4" -16 UNF SAE, O-Ring	1	
16	46607979	Plate, Serial Number	1	
17	46626304	Rivet, Drive Screw, 3.56 Dia. X 9.5	2	
18	46609159	Rotor, 1st Stage, Male, HR350	1	
19	46609160	Rotor, 1st Stage, Female, HR350	1	

Airend, HR350, 2nd Stage Rotors



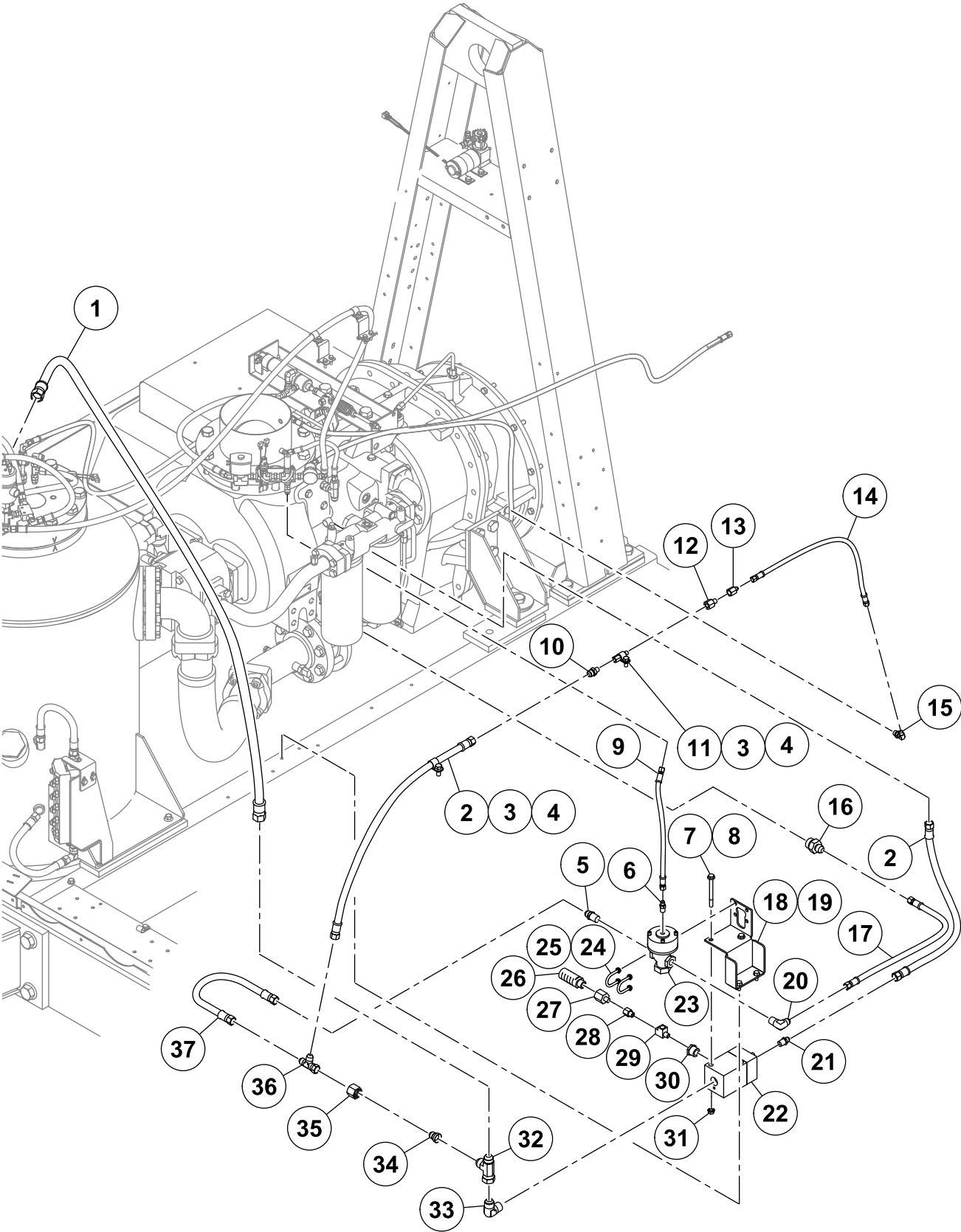
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46618986	Pin, Dowel 16 MM Dia. X 32 MM	2	
2	46609165	Rotor Set, 2nd Stage, HR350	1	
3	46548384	Piston, Thrust, MR2	1	
4	46619405	Shim Set, 44.6 X 54	2	
5	46619278	Bearing, TRB, 44.5 X 95.2 X 31 (HM903210/HM903249)	4	
6	46548392	Retainer, Bearing, Male, 2nd Stage	1	
7	96725130	Screw, Hex, Socket, M16 -2.0 X 60	1	
8	46548426	Plate, Clamp, Female, 2nd Stage	1	
9	35311463	Screw, Hex, Socket, M10 -1.5 X 30	3	
10	46620820	O-Ring, 9.00 ID X .188, Viton 2-373 Standard	1	
11	46611859	Housing, Discharge, Machined, HR350	1	
12	96742465	Screw, Hex, Socket, M12 -1.75 X 35	10	
13	95938205	Plug, Hex, Socket, 9/16" -18 UNF SAE, O-Ring	2	
14	46619406	Shim Set, 98 X 152	1	
15	46619408	Shim Set, 98 X 140	1	
16	95026290	O-Ring, 3.484 ID X .139, Viton -238 Standard	2	
17	46621443	Cover, Bearing, Machining, HR350	1	
18	39125000	Screw, Hex, Socket, M10 -1.5 X 45	6	
19	39101449	Plug, Hex, Socket, 3/4" -16 UNF SAE, O-Ring	2	
20	46548335	Cover, Bearing, Machining, HR350	1	
21	96702295	Screw, Hex, M10 -1.5 X 25	6	

Airend, HR350, Regulation



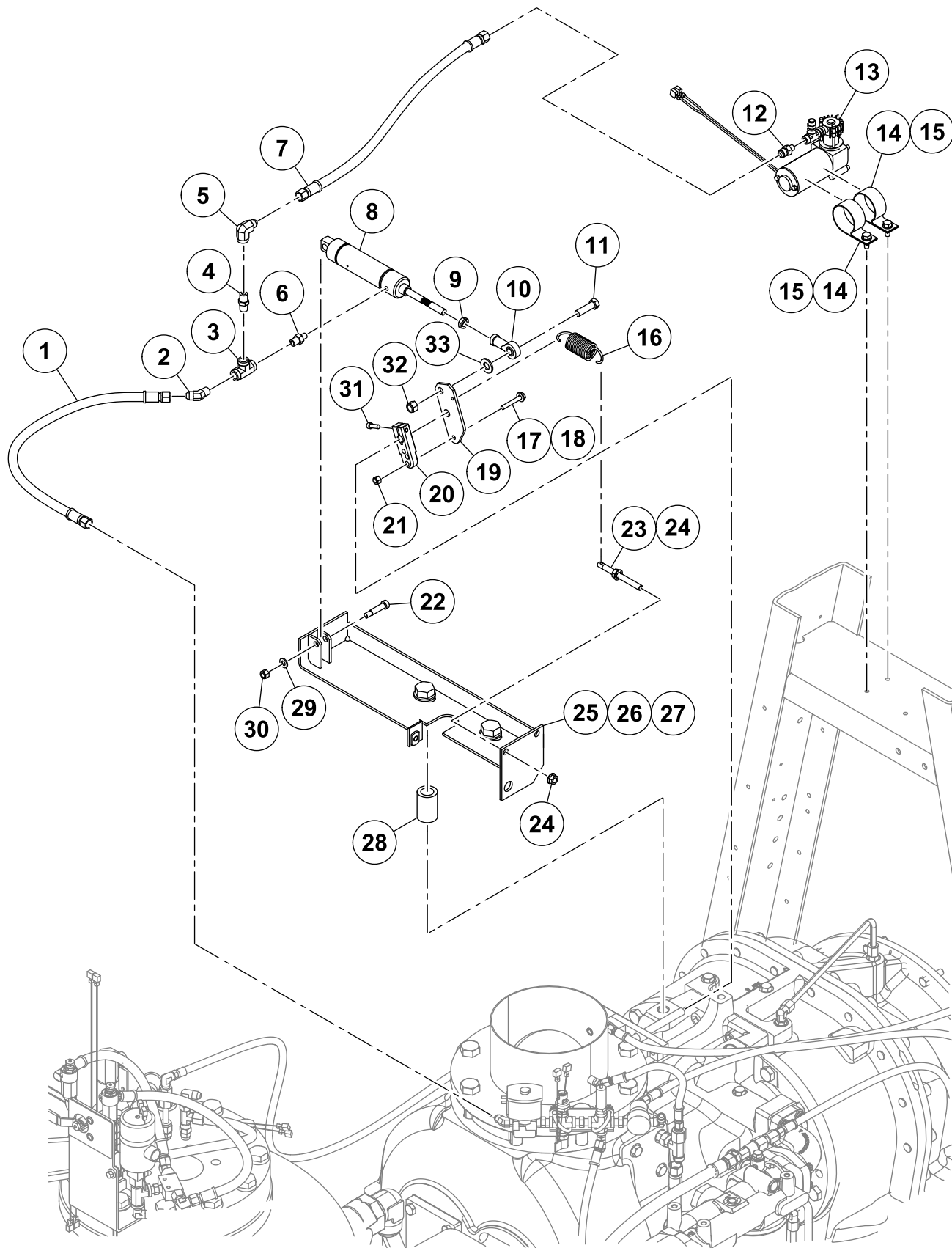
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46636459	Hose, -6 JIC X 94"	1	
2	35225077	Clamp, Support, 11/16" ID Rubber Coated	2	
3	96704408	Screw, Hex Flange, M08 - 1.25 X 20	2	
4	36881886	Nut, Hex, M08 - 1.25	2	
5	46548020	Elbow, 45° -6 JIC X 1/4" FNPT	1	
6	36842318	Valve, Solenoid, 24V 1/4" NPT	1	
7	95475604	Nipple, 1/4" NPT X 1/4" NPT	3	
8	46547790	Cross, 1/4" FNPT	2	
9	46547857	Bushing, Reducer, 1/4" NPT X 1/8" FNPT	1	
10	36920825	Pressure Transducer, 0-100 PSIG	1	
11	46652453SA	Bracket, Cross Mount	1	
12	95935029	Washer, Flat, 1/4" ID	4	
13	95923298	Nut, Locking, 1/4" - 20	4	
14	35325133	Valve, Safety, 1/4" NPT	1	
	22225205	Valve, Safety, 1/4" NPT, PED	1	
15	46604159	Elbow, 45°, -4 JIC X 1/4" NPT	1	
16	35322494	Hose, -4 JIC X 67"	1	
17	35379934	Elbow, 90° 1/4" - X -6 JIC	1	
18	35322379	Valve, Blowdown	1	
	36920445	Valve, Blowdown, PED	1	
19	35166404	U-Bolt, 1/4" - 20 X 1-1/4" ID	2	
20	46604159	Elbow, 45° -4 JIC X 1/4" FNP	1	
21	37081528	Orifice, 0.063" Dia. X 1/4" NPT	1	
22	36841526	Heater, 3/4" Hex 24VDC	1	

Airend, HR350, Anti-Rumble Piping



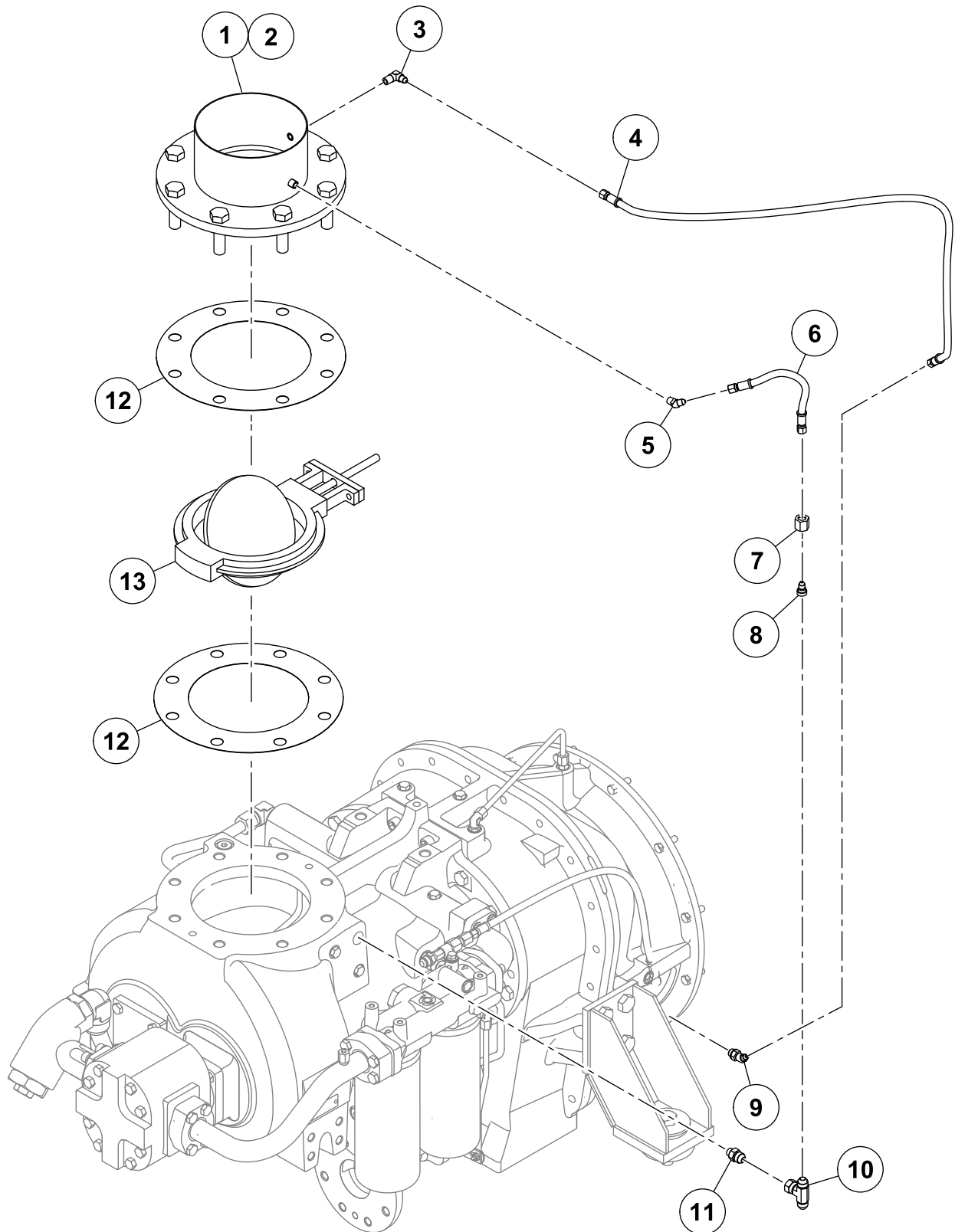
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35376110	Hose, -12 JIC X 54"	1	Used With IQ Only
2	35298512	Hose, -8 JIC X 30"	2	
3	35225077	Clamp, Support, 11/16" Rubber Coated	2	
4	35252493	Screw, ,Hex, Serrated, 3/8" -16 UNC X 3/4"	2	
5	35286426	Adapter, -1/2" NPT X -8 JIC	1	
6	35283472	Connector, -4 JIC X 1/4" NPT	1	
7	95934618	Screw, Hex, 3/8" -16 UNC X 4"	2	
8	95935037	Washer, 3/8" Flat	2	
9	46666318	Hose, -4 STR X 21"	1	
10	35283134	Connector, -8 JIC X 1/4" NPT	1	
11	39120563	Screen, Scavenge, 1/4" NPT X 1/4" FNPT	1	
12	39418769	Orifice, 0.0135" X 0.25" NPT	1	
13	35294487	Connector, -4 JIC X 1/4" NPT	1	
14	35282912	Hose, -4 JIC X 27"	1	
15	95365094	Elbow, 90°, -4 JIC X 9/16" -18 w/O-Ring	1	
16	35296391	Connector, 3/4" - 16 X -6 JIC	1	
17	35284504	Hose, -6 JIC X 26"	1	
18	46586480SA	Bracket, Anti-Rumble Valve	1	
19	35279025	Screw, Hex, M08 -1.25 X 20	2	
20	46620859	Elbow, 90° -8 JIC X 1/2" NPT	1	
21	46593959	Connector, -6 JIC X 3/8" NPT	1	
22	46649430	Valve, Blowdown	1	
	46663277	Repair Kit, Blowdown Valve	1	
23	35316405	Valve, Anti-Rumble	1	
24	35166404	U-Bolt, 1/4" -20 UNC X 1-1/4"	2	
25	35144492	Nut, Serrated Hex Flange, 1/4" -20 UNC	4	
26	35132299	Silencer, Blowdown EPA	1	
27	95948501	Adapter, 1/2" NPTF X 1/4" NPTF	1	
28	35322346	Connector, 5/32" Orifice	1	
29	35114545	Tee Run, -12 JIC		
30	95944633	Bushing, 3/4" NPT X 1/4" NPT Reducer	1	
31	35145077	Nut, Serrated Hex Flange, 3/8" -16 UNC	2	
32	35287739	Tee Run, -12 JIC	1	
33	35294735	Elbow, 90° -12 JIC X 3/4" NPTF	1	
34	35365774	Reducer, -12 JIC X -8 JIC	1	
35	35324987	Nut, Tube -12 JIC	1	
36	35287929	Tee, -8 JIC X -8 JIC X -8 JIC Female	1	
37	35252782	Hose, -8 JIC X 13"	1	

Airend, HR350, Air Cylinder and 24 VDC Compressor



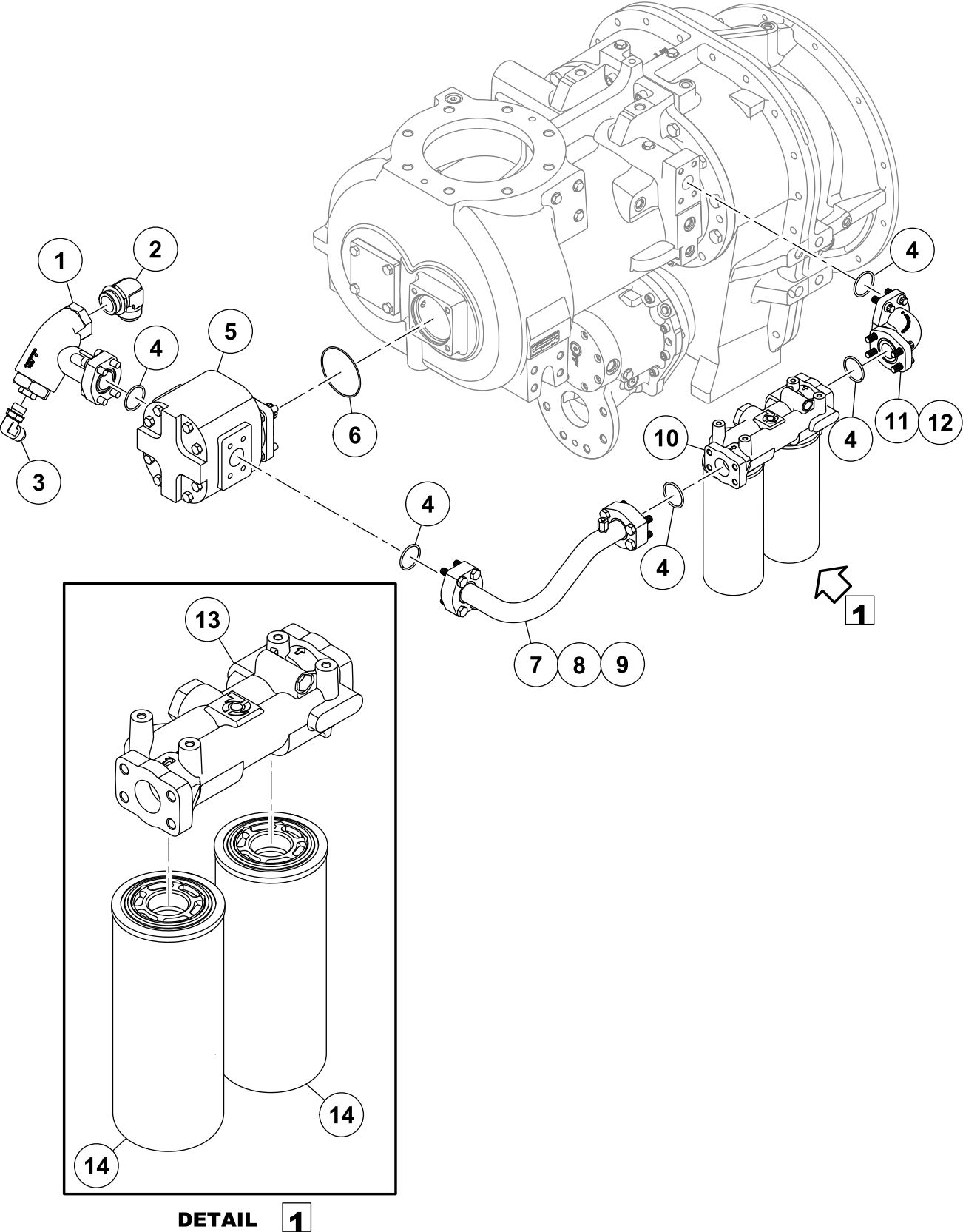
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46632079	Hose, -6 JIC X 26"	1	
2	46548020	Elbow, 45° -6 JIC X 1/4" FNPT	1	
3	46547824	Tee, 1/4" NPT X 1/4" NPT X 1/4" NPT Female	1	
4	35248145	Connector, 1/4" NPTF Ball Check Valve	1	
5	35280098	Elbow, 90° 1/4" FNPT X -6 JIC	1	
6	95910048	Nipple, Hex, 1/4" NPT X 1/8" NPT	1	
7	46630599	Hose, -6 X 34"	1	
8	35584689	Cylinder, Air	1	
	35288885	Bushing, 3/8" ID X 5/8"	1	
	22377212	Kit, Bushing w/Cylinder		
9	95245288	Nut, Hex, Jam 7/16" X 20	1	
10	35300532	Bearing, Rod	1	
11	95934626	Screw, Hex, 7/16" - 14 X 1-1/2"	1	
12	46558459	Connector, -6 JIC X 1/8" NPT	1	
13	46576919	Compressor, 24 VDC	1	
14	35119718	Clamp, 2" Rubber Support	2	
15	35279025	Screw, Hex, M08 -1.25 X 20	2	
16	35579523	Spring	1	
17	95934782	Screw, Hex, 1/4" X 1-3/4"	1	
18	95935029	Washer, 1/4" Flat	1	
19	46624081SA	Lever, Regulation	1	
20	35264951	Lever, Control	1	
21	95923298	Nut, Hex Nylon Insert, 1/4" - 20	1	
22	35288893	Screw, Hex Socket Shoulder, 3/8" - 1-1/4"	1	
23	35605799	Steel Rod, Adjuster Spring, 3/8" OD X 4"	1	
24	35145077	Nut, 3/8" - 16	2	
25	36898005	Bracket, Air Cylinder	1	
26	95935011	Washer, Flat, 13/16" ID	2	
27	35375963	Screw, Hex, M20 - 2.5 X 75	2	
28	36898450	Spacer, Air Cylinder Bracket	2	
29	95934998	Washer, Flat, 5/16" Dia	1	
30	95923314	Nut, Hex Lock Nylon Insert, 5/16" - 18	1	
31	95500369	Screw, SCH250-20X075SS	1	
32	95923330	Nut, Hex, 7/16" -14 UNC	1	
33	95935003	Washer, Flat 1/2"	1	

Airend, HR350, Intake Valve Assembly



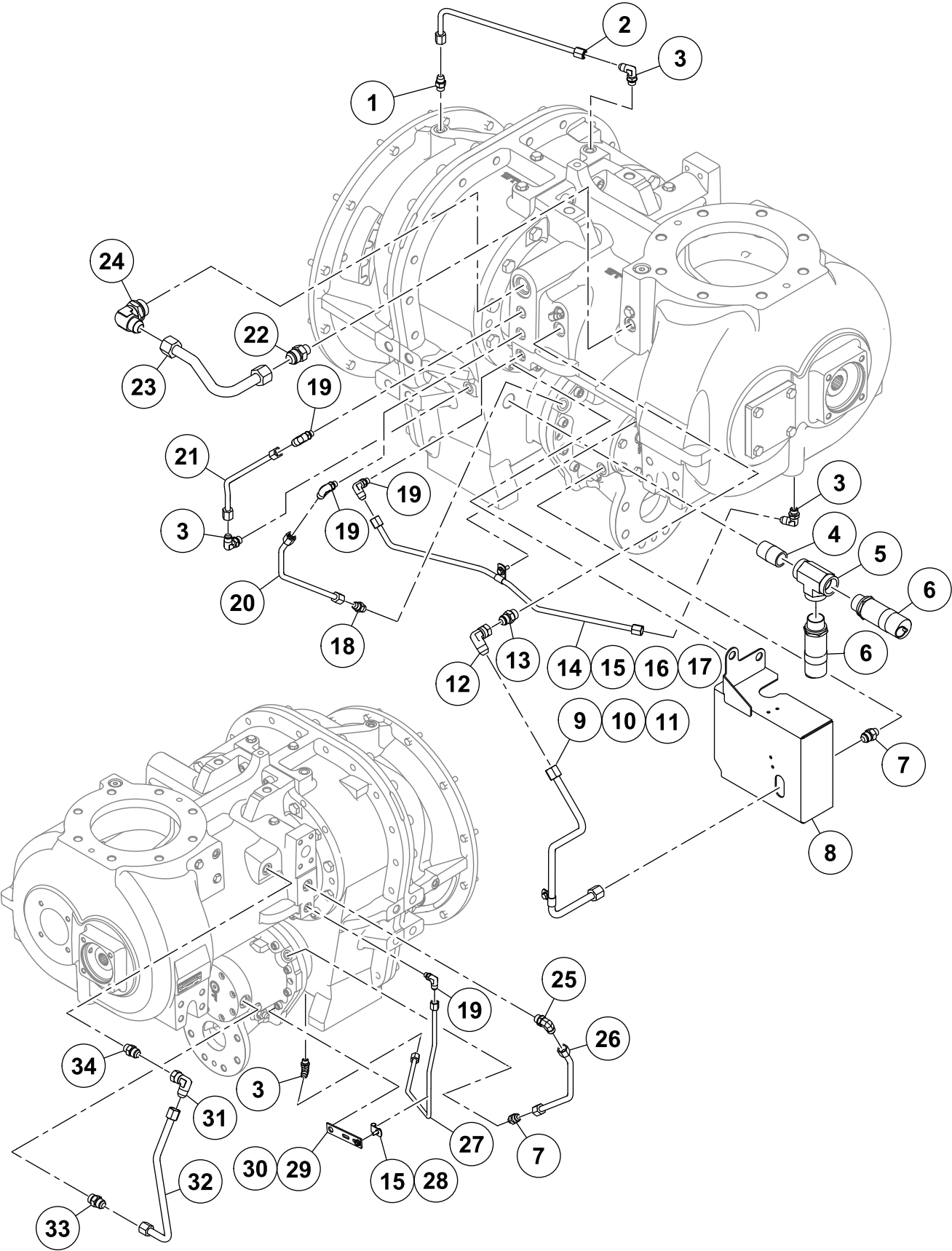
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36884997	Flange, Intake	1	
2	35375963	Screw, Hex, M20 - 2.5 X 75	8	
3	46547980	Elbow, 90° -4 JIC X 1/4" NPT	1	
4	35283480	Hose, -4 JIC X 48"	1	
5	46604159	Elbow, 45° -4 JIC X 1/4" NPT	1	
6	35310960	Hose, -4 JIC X 10"	1	
7	35296219	Nut, Tube, -8 JIC	1	
8	35299734	Reducer, -8 JIC X -4 JIC	1	
9	96952874	Elbow, 45° -4 JIC X 9/16" -18 UNF SAE w/O-Ring	1	
10	95642484	Tee, -8 JIC X -8 JIC X -8 JIC	1	
11	35287895	Connector, 9/16" X -8 JIC - 18 w/O-Ring	1	
	35278571	O-Ring, 0.468" ID X 0.078" BUNA 3-6	1	
12	36754059	Gasket	2	
13	36884112	Valve, Butterfly	1	

Airend, HR350, Oil Pump And Filters



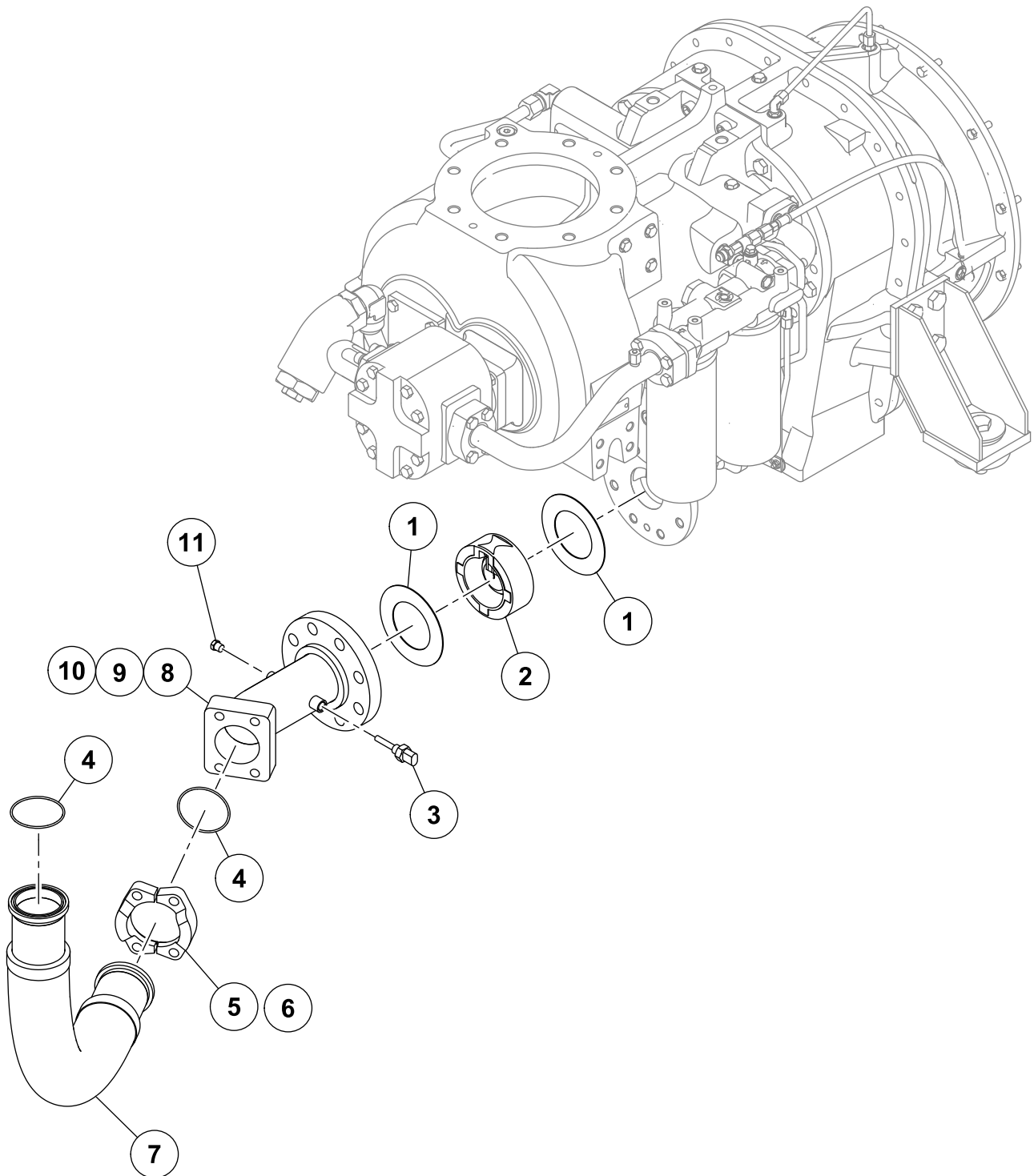
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46627982	Strainer Assembly, HR350	1	
2	95431292	Elbow, 90° -24 JIC X 1-7/8" -12 UNF SAE,	1	
3	35294750	O-Ring	1	
4	95987970	Elbow, 90° -12 JIC X 1-1/16" -12 UNF SAE,	1	
5	46619418	O-Ring	5	
6	95000410	O-Ring, 1-7/8" ID X 1/8", Viton -225 Standard	1	
7	46622775	Pump, Oil, HR350	1	
8	95104196	O-Ring, 2" ID X 1/8", Viton -125 Standard	1	
9	35321389	Tube, Pump Outlet, HR350	1	
10	46627460	Screw, Hex, 1/2" -13 UNC X 2"	8	
11	46622471	Cap, -6 JIC	1	
12	95475349	Filter Assembly, Dual, HR350	1	
13	46622217	Elbow, Filter Outlet	1	
14	46671454	Screw, 12 Pt, 1/2" -13 UNC X 1-1/2"	8	
		Head, Filter Assembly		
		Element, Oil Filter		

Airend, HR350, Tubes And Fittings



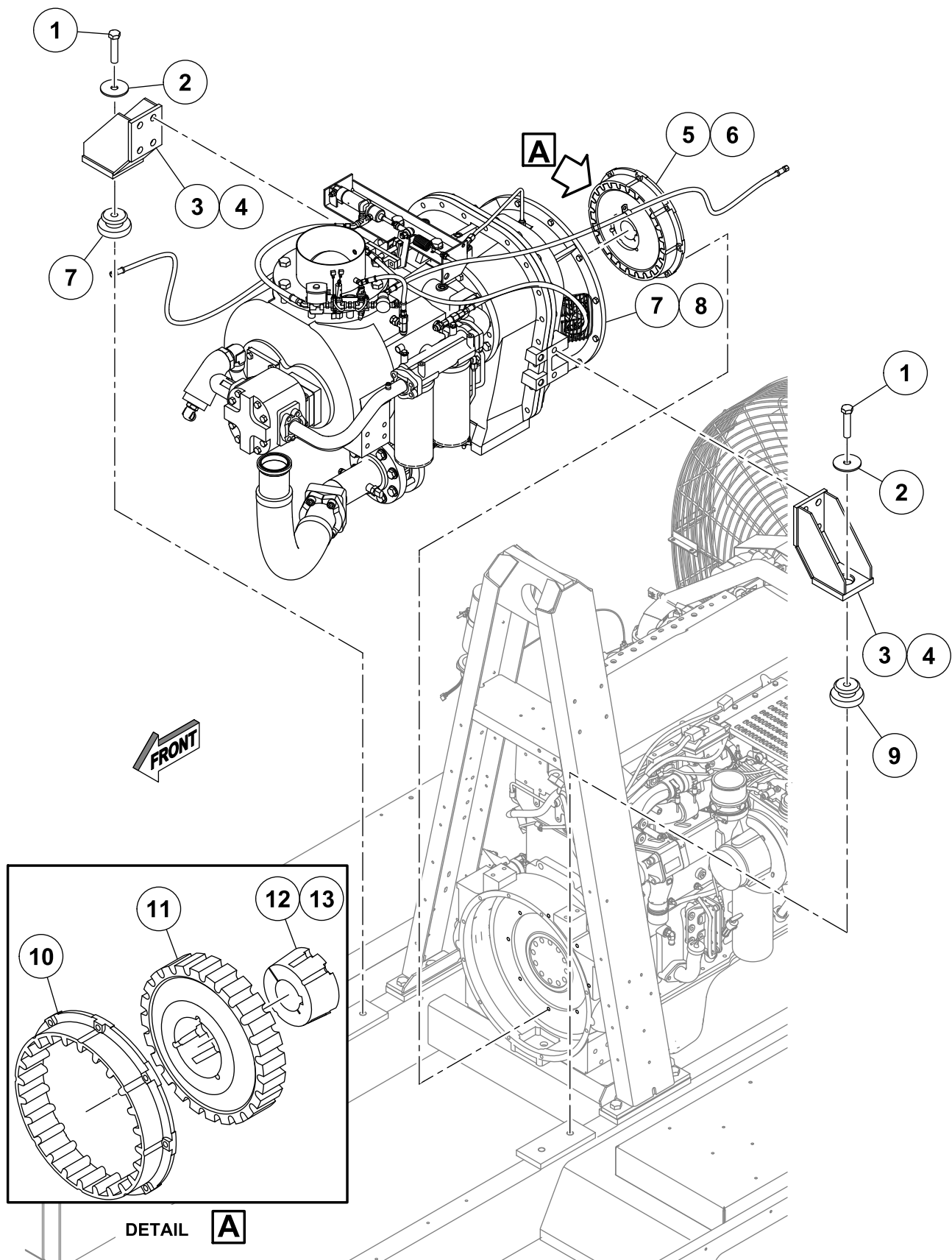
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	95365078	Connector, -6 JIC X 9/16" -18 UNF SAE w/O-Ring	1	
2	46622776	Tube, Seal	1	
3	35581909	Elbow, -6 JIC X 9/16" -18 UNF W/Orifice Insert	4	
4	95951422	Nipple, 1" NPT X 2"	1	
5	95953428	Tee, 1" NPTF X 1" NPTF X 1" NPTF, 300 lb.	1	
6	39588041	Valve, Pressure Relief, 200 PSIG, 1" NPT	2	
7	35287895	Connector, -8 JIC X .9/16" -18 UNF SAE O-Ring	1	
8	46623828	Cover, Safety Valve, Pressure Relief	1	
9	46622805	Tube, 2nd Stage Female, Bearing Scavenger	1	
10	35225093	Clamp, Support, 1/2", Rubber Coated	1	
11	36797652	Screw, Hex, M6 -1.0 X 12 MM	1	
12	35287911	Elbow, 90°, -8 JIC X -8 JIC	1	
13	35288166	Connector, -8 JIC X 3/4" -16 UNF SAE O-Ring	1	
14	46622791	Tube, 1st Stage	1	
15	35253038	Clamp, Support, 3/8" ID	1	
16	36769024	Screw, Hex, M6 -1.0 X 20	2	
17	95935029	Washer, Flat, 1/4" ID	1	
18	95365078	Connector, -6 JIC X 9/16" -18 UNF SAE O-Ring	1	
19	35279827	Elbow, 90°, -6 JIC X 9/16" -18 UNF SAE O-Ring	1	
20	46622780	Tube, 2nd Stage, Discharge Bearing, Female	4	
21	46622778	Tube, Input Shaft, Rear Bearing	1	
22	35296433	Connector, -12 JIC X 3/4" -16 UNF SAE O-Ring	1	
23	46622765	Tube, Pressure Relief	1	
24	95990321	Elbow, 90°, -12 JIC X 1-5/16" -12 UNF SAE O-Ring	1	
25	35279801	Elbow, 90°, -8 JIC X 3/4" -16 UNF SAE O-Ring	1	
26	46653272	Tube, 2nd Stage, Discharge Bearing, Male	1	
27	46622500	Tube, 2nd Stage Inlet Bearing	1	
28	35144328	Screw, Hex Lock, 1/4" - 20 UNC X 5/8"	1	
29	46619276	Bracket, Cable Clip	1	
30	35144492	Nut, Hex Nylon Insert, 1/4" - 20	1	
31	35305648	Elbow, 90°, -10 JIC X -10 JIC Female	1	
32	46622743	Tube, 2nd Stage Male, Bearing	1	
33	35286954	Connector, -10 JIC X 7/8" -14 UNF SAE O-Ring	1	
34	95303376	Connector, -10 JIC X 7/8" -14 UNF SAE O-Ring	1	

Airend, HR350, Discharge Piping



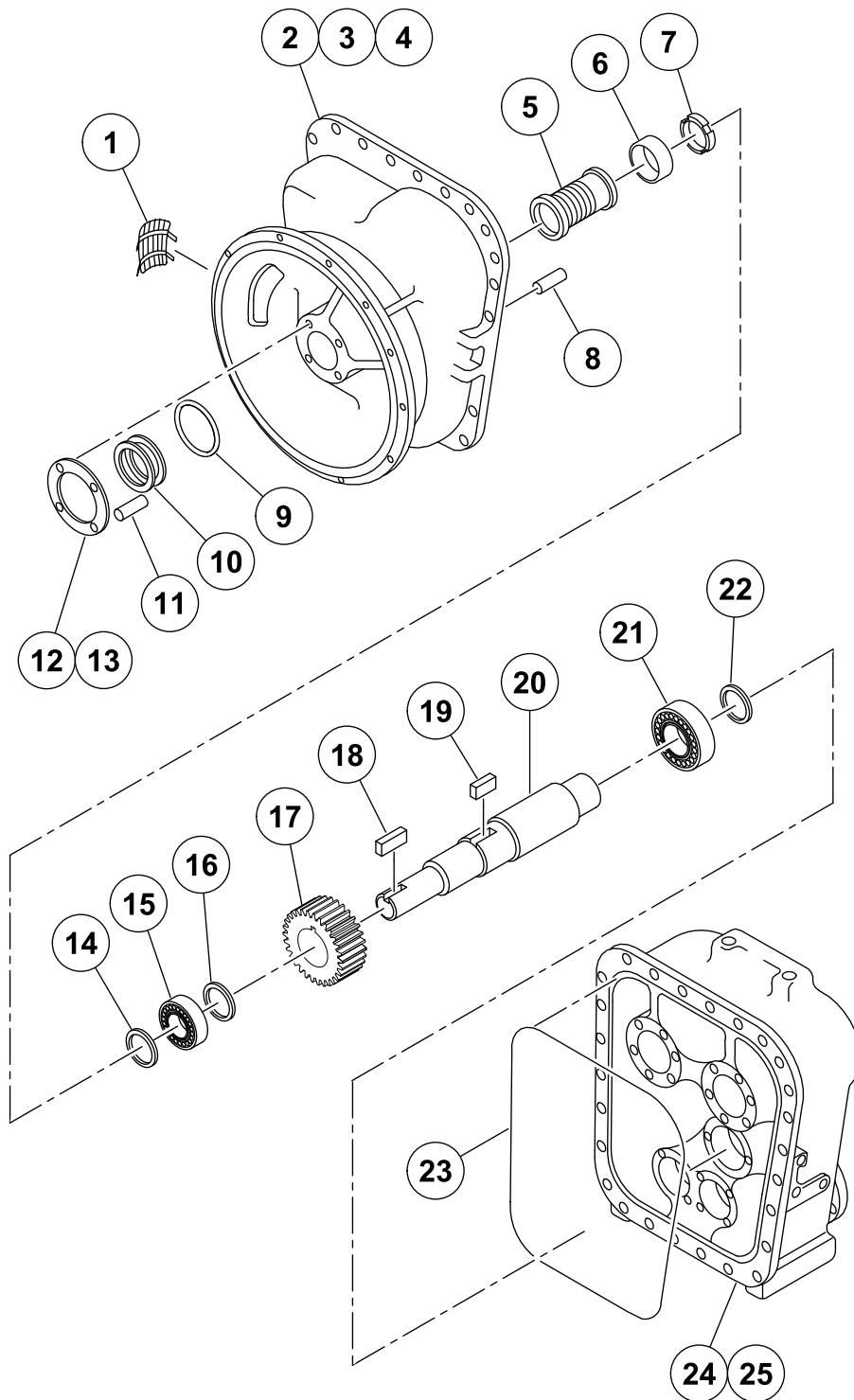
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	95225116	Gasket, Ring	2	
2	36843720	Valve, Check, 3" Wafer	1	
	22226922	Valve, Check, 3" Wafer, PED	1	
3	23294820	Sensor, Temperature, 3/8" NPT	1	
4	95358040	O-Ring, Std-237 3/8" ID X 1/8" WD	2	
5	95016283	Flange, Adapter 3"	2	
6	95013728	Screw, Cap Hex Socket Head, 5/8" X 2-1/2"	4	
7	46570099	Hose, 3" Discharge Metal Flex	1	
8	46570920	Pipe, 3" Discharge	1	
9	35376094	Screw, Hex, M16 - 2.0 X 120	8	
10	95935052	Washer, Flat, 5/8" ID	8	
11	95954038	Plug, Hex, 1/4" NPT	1	

Airend, HR2.5, Installation



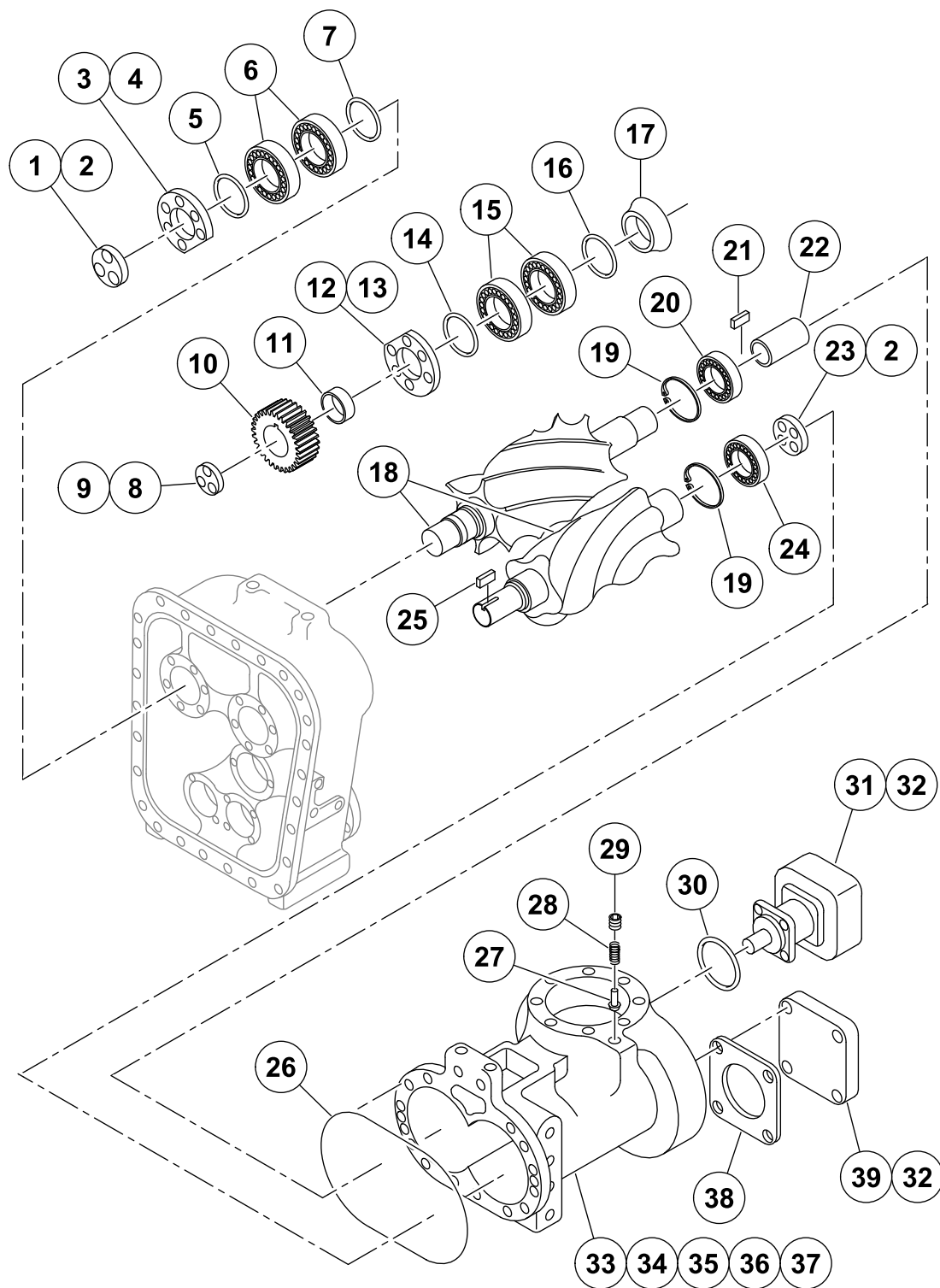
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	96700919	Screw, Hex, M20 - 2.5 X 90	2	
2	35273937	Washer, Snubber	2	
3	54613369	Bracket, Airend Support	2	
4	35375856	Screw, Hex, M20 - 2.5 X 35	8	
5	46587479	Coupling Assembly, Drive AC	1	
6	36881704	Screw, Hex, 3/8" - 16 X 1-1/4"	8	
7	54637905	Airend, XHP 1170 2.5	1	
8	95934626	Screw, Hex, 7/16" - 14 X 1-1/2"	12	
9	35584556	Mount, Center Bond	2	
10	46554944	Ring, Drive Coupling	1	
11	46578019	Element, Coupling	1	
12	46554946	Bushing, Drive Coupling	1	
13	35367069	Key, Bushing	1	

Airend, HR2.5, Gear Case



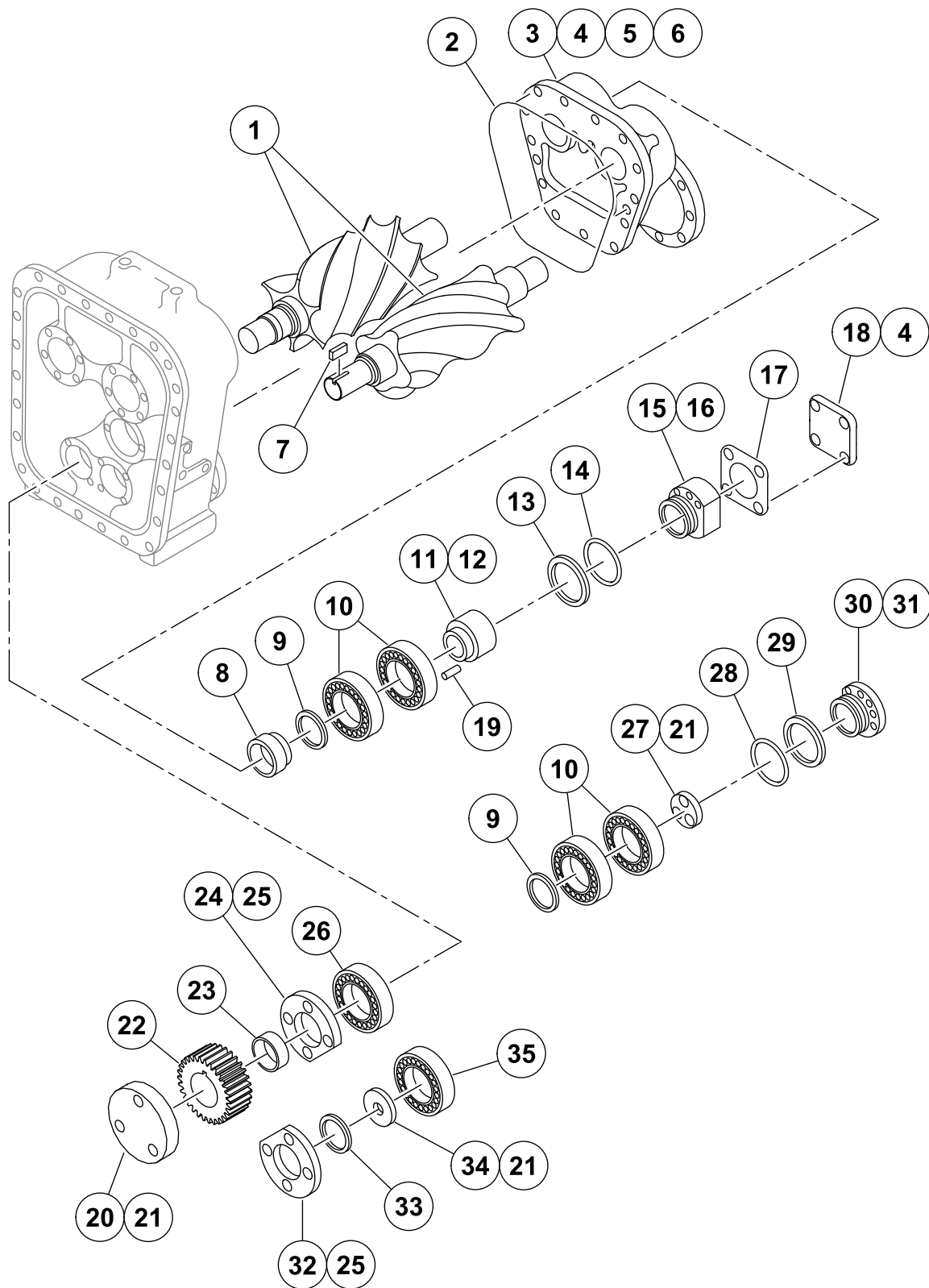
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36798205	Guard, Wire	2	
2	36793750	Case, Gear	1	
3	35272541	Screw, Hex		
4	96706262	Screw, Hex, M16 - 2.0 X 45		
5	39929351	Seal, Oil	1	
6	36795128	Spacer	1	
7	36795169	Nut, Lock	1	
8	35336122	Dowel	1	
9	35355536	O-Ring	1	
10	36795151	Set, Shim	1	
11	95650529	Pin, Roll	1	
12	39577648	Cover, Oil Seal	1	
13	96702295	Screw, Hex	4	
14	36795136	Spacer	1	
15	36511640	Bearing	1	
16	36795144	Spacer	1	
17	54637897	Gear Set, 1170cfm @ 1800rpm	1	
18	36795102	Key	1	
19	36795110	Key	1	
20	36792836	Shaft, Drive	1	
21	35610203	Bearing	1	
22	35372010	Spacer	1	
23	36861367	O-Ring	1	
24	35820646	Housing, Main	1	
25	35272533	Screw, Hex	16	

Airend, HR2.5, Upper Rear Bearings and Caps



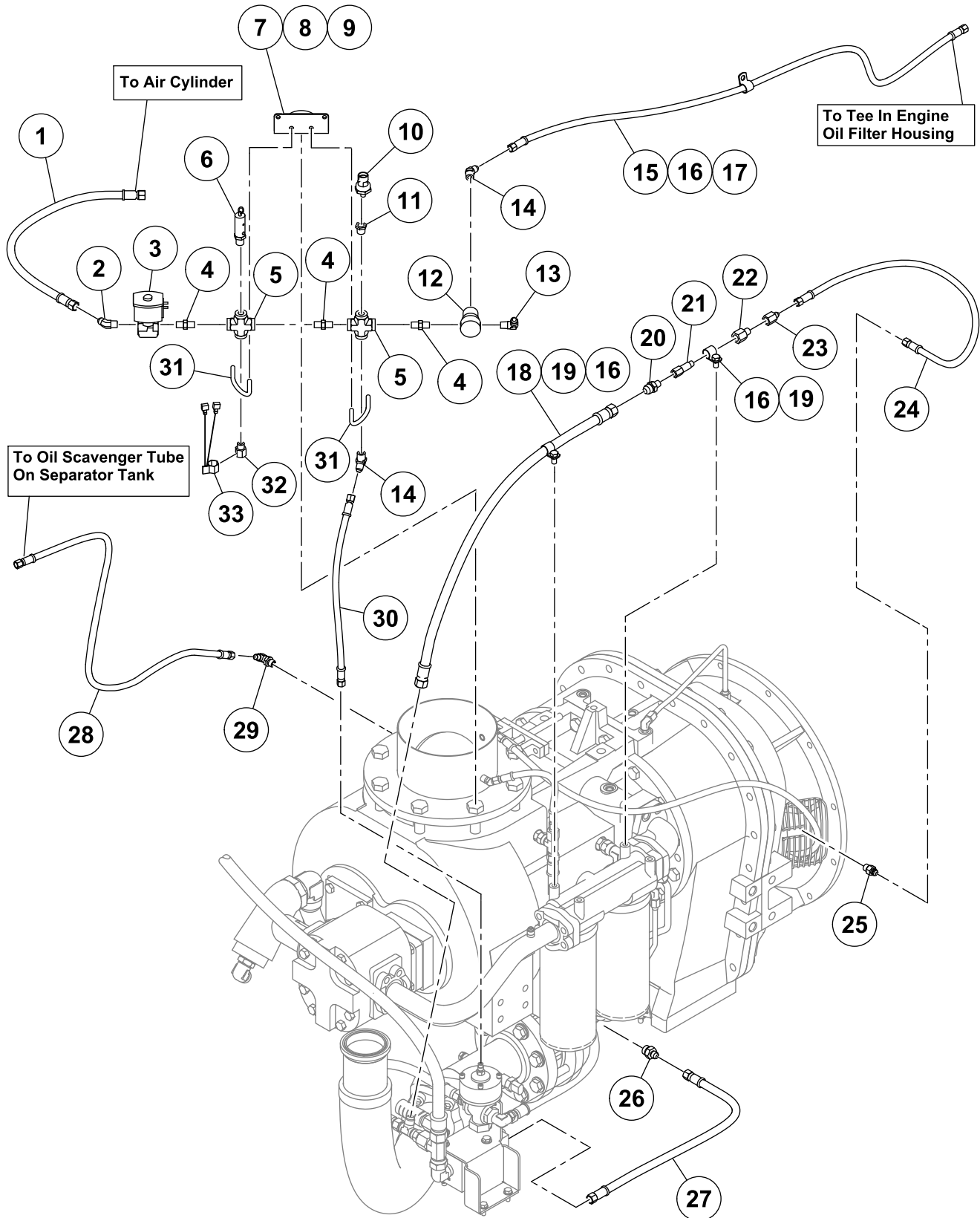
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36508414	Plate, Retaining	1	
2	35311463	Screw, Hex	7	
3	35856418	Plate, Retaining	1	
4	96716139	Screw, Hex	6	
5	35355767	Shim, Set	1	
6	35600105	Bearing	2	
7	35355833	Shim, Set	1	
8	35355858	Plate, Clamp	1	
9	96712187	Screw, Hex	3	
10	54637897	Gear Set, 1170cfm @ 1800rpm	1	
11	35355841	Spacer	1	
12	36501013	Plate, Retainer	1	
13	96701487	Screw, Hex	6	
14	35355767	Shim, Set	1	
15	35605203	Bearing	2	
16	35355825	Shim, Set	1	
17	35602457	Piston, Thrust	1	
18	36017465	Rotor Set, 1st Stage	1	
19	95223178	Ring, Snap	2	
20	35600022	Bearing		
21	95340428	Key		
22	36854701	Coupling		
23	35300193	Plate, Clamp		
24	35600030	Bearing, Roller		
25	35355817	Key		
26	35355783	O-Ring		
27	36861839	Piston		
28	36861847	Spring		
29	36861557	Plug		
30	95000410	O-Ring		
31	36861144	Oil, Pump		
32	96706080	Screw, Hex	4	
33	36861193	Housing, Rotor	1	
34	35336130	Dowel	1	Not Shown
35	35336122	Dowel	1	Not Shown
36	92398239	Screw, Hex		
37	35295344	Screw, Hex		
38	35275742	Gasket	1	
39	36509388	Plate, Cover	1	

Airend, HR2.5, Lower Rear Bearings and Caps



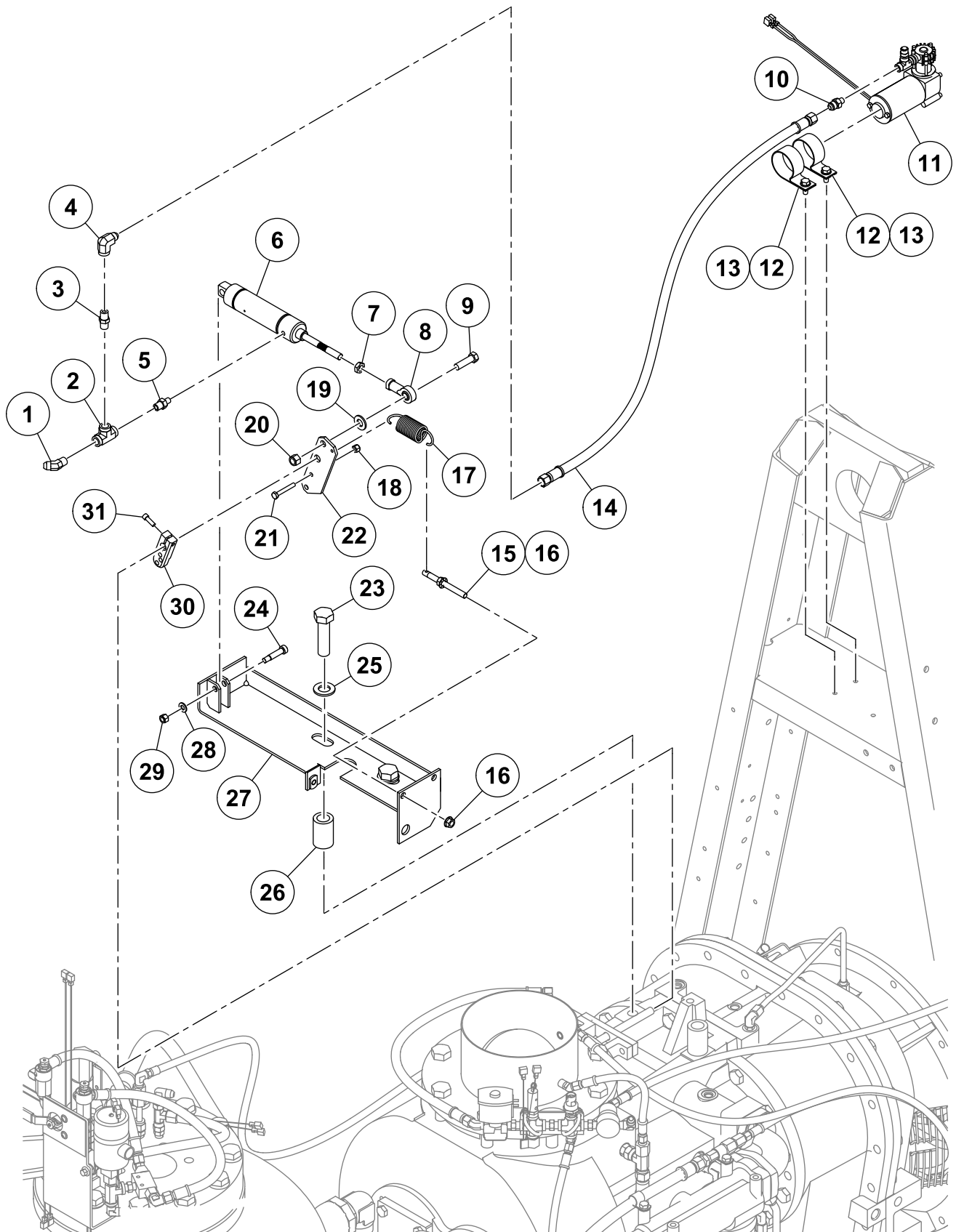
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36006732	Rotor Set, 2nd Stage	1	
2	35355791	O-Ring	1	
3	36738128	Housing, Rear Bearing	1	
4	96712179	Screw, Hex	16	
5	35336122	Dowel	1	
6	35336130	Dowel	1	
7	35355817	Key	1	
8	35355940	Piston, Thrust	1	
9	35355874	Shim, Set	2	
10	35600113	Bearing, Tapered Roller	4	
11	35864644	Coupling	1	
12	36851277	Screw, Hex	1	
13	35355916	Shim, Set	1	
14	9026290	O-Ring	1	
15	36864676	Cover, Bearing	1	
16	39125000	Screw, Hex	6	
17	35275742	Gasket	1	
18	36509388	Plate, Cover	1	
19	95069522	Dowel	1	
20	36847200	Plate, Clamp	1	
21	35311463	Screw, Hex	7	
22	54637897	Gear Set, 1170cfm @ 1800rpm	1	
23	35355866	Spacer	1	
24	35355965	Plate, Retaining	1	
25	35273408	Screw, Hex	8	
26	35600022	Bearing, Roller	1	
27	35355957	Plate, Clamp	1	
28	95026290	O-Ring	1	
29	35355924	Shim, Set	1	
30	35856350	Cover, Rear Bearing	1	
31	96702295	Screw, Hex	6	
32	35355999	Plate, Retaining	1	
33	35355973	Spacer, Bearing	1	
34	35300201	Plate, Clamp	1	
35	35600014	Bearing, Roller	1	

Airend, HR2.5, Piping



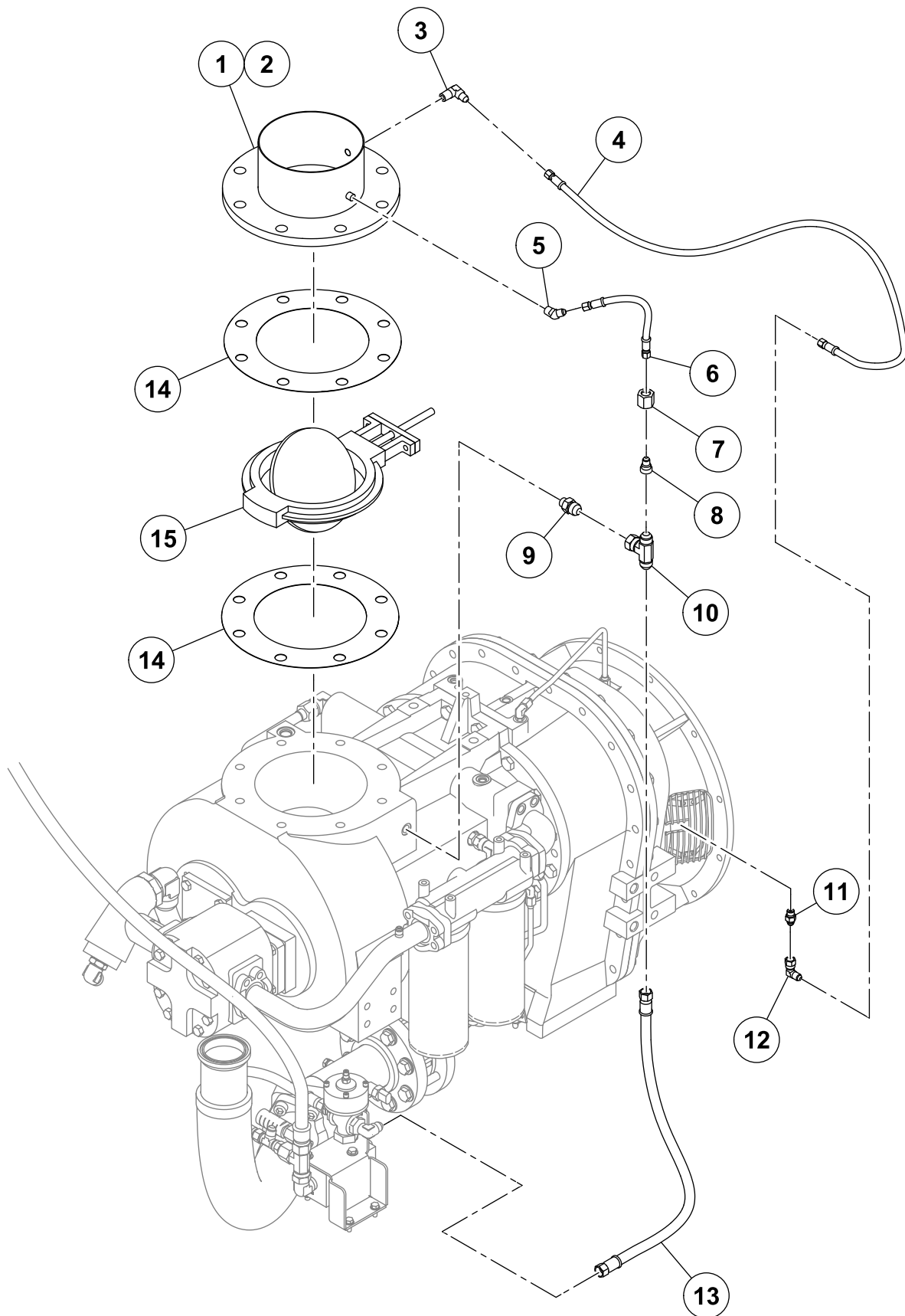
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46632079	Hose, -6 JIC X 26"	1	
2	46548020	Elbow, 45° -6 JIC X 1/4" FNPT	1	
3	36842318	Valve, Solenoid, 24V 1/4" NPT	1	
4	95475604	Nipple, 1/4" NPT X 1/4" NPT	3	
5	46547790	Cross, 1/4" FNPT	2	
6	22225205	Valve, Safety, 1/4" NPT	1	
7	46652453SA	Bracket, Cross Mount	1	
8	95935029	Washer, Flat, 1/4" ID	4	
9	95923298	Nut, Locking, 1/4" - 20	4	
10	36920825	Pressure Transducer, 0-100 PSIG	1	
11	46547857	Bushing, Reducer, 1/4" NPT X 1/8" FNPT	1	
12	35322379	Valve, Blowdown	1	
13	46547881	Elbow, 90° 1/4" - X -6 JIC	1	
14	46604159	Elbow, 45° 1/4" - X -4 JIC	2	
15	35322494	Hose, -4 JIC X 67"	1	
16	35225077	Clamp, Support, 11/16" Rubber Coated	3	
17	35279025	Screw, Hex, M08 - 1-1/4" X 20	1	
18	35298512	Hose, -8 JIC X 30"	1	
19	95934550	Screw, Hex, 3/8" X 3/4"	1	
20	35283134	Connector, -8 JIC X 1/4" NPT	1	
21	39120563	Screen, Scavenge, 1/4" NPT X 1/4" FNPT	1	
22	39418769	Orifice, 0.0135" X 0.25" NPT	1	
23	35294487	Connector, -4 JIC X 1/4" NPT	1	
24	35283258	Hose, -4 JIC X 34"	1	
25	35287903	Connector, -4 JIC X 7/16" - 20 w/O-Ring	1	
26	35296391	Connector, 3/4" - 16 X -6 JIC	1	
27	35284504	Hose, -6 JIC X 26"	1	
28	35291269	Hose, -4 JIC X 60"	1	
29	95365094	Elbow, 90° 9/16" X -4 JIC - 18 w/O-Ring	1	
30	46666318	Hose, -4 STR X 21"	1	
31	35166404	U-Bolt, 1/4" - 20 X 1-1/4" ID	2	
32	37081528	Orifice, 0.063" Dia. X 1/4" NPT	1	
33	36841526	Heater, 3/4" Hex 24VDC	1	

Airend, HR2.5, Air Cylinder and 24 VDC Compressor



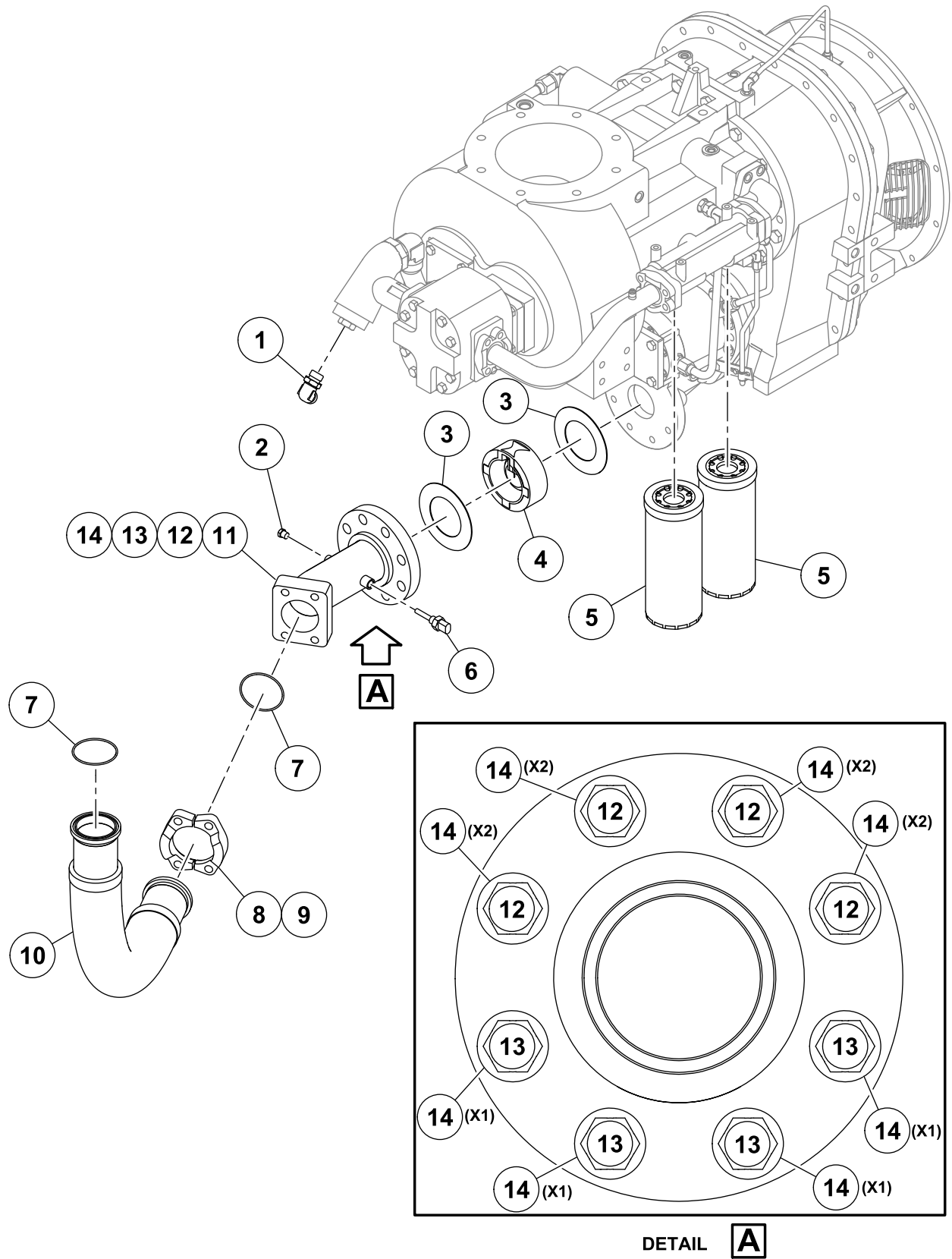
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46548020	Elbow, 45° -6 JIC X 1/4" FNPT	1	
2	46547824	Tee, 1/4" NPT X 1/4" NPT X 1/4" NPT Female	1	
3	35248145	Connector, 1/4" NPTF Ball Check Valve	1	
4	35280098	Elbow, 90° 1/4" FNPT X -6 JIC	1	
5	95910048	Screw, Hex, M08 -1.25 X 20	1	
6	35584689	Cylinder, Air	1	
	35288885	Bushing, 3/8" ID X 5/8"	1	
	22377212	Kit, Bushing w/Cylinder		
7	95245288	Nut, Hex, Jam 7/16" X 20	1	
8	35300532	Bearing, Rod	1	
9	95934626	Screw, Hex, 7/16" - 14 X 1-1/2"	1	
10	46558459	Connector, -6 JIC X 1/8" NPT	1	
11	46576919	Compressor, 24 VDC	1	
12	35119718	Clamp, 2" Rubber Support	2	
13	35279025	Screw, Hex, M08 -1.25 X 20	2	
14	46630599	Hose, -6 X 34"	1	
15	35605799	Steel Rod, Adjuster Spring, 3/8" OD X 4"	1	
16	35145077	Nut, 3/8" - 16	2	
17	35579523	Spring	1	
18	95923298	Nut, Hex Nylon Insert, 1/4" - 20	1	
19	95935003	Washer, 1/2" Flat	1	
20	95923330	Nut, Hex Nylon Insert, 7/16" - 14	1	
21	95934782	Screw, Hex, 1/4" X 1-3/4"	1	
22	35607910	Lever, Regulation	1	
23	35375963	Screw, Hex, M20 - 2.5 X 75	2	
24	95935011	Washer, Flat, 13/16" ID	2	
25	35288893	Screw, Hex Socket Shoulder, 3/8" - 1-1/4"	1	
26	36898450	Spacer, Air Cylinder Bracket	2	
27	36898005	Bracket, Air Cylinder	1	
28	95934998	Washer, Flat, 5/16" Dia	1	
29	95923314	Nut, Hex Lock Nylon Insert, 5/16" - 18	1	
30	35264951	Lever, Control	1	
31	95500369	Screw, Set, 1/4" - 20 X 3/4"	1	

Airend, HR2.5, Intake Valve Assembly



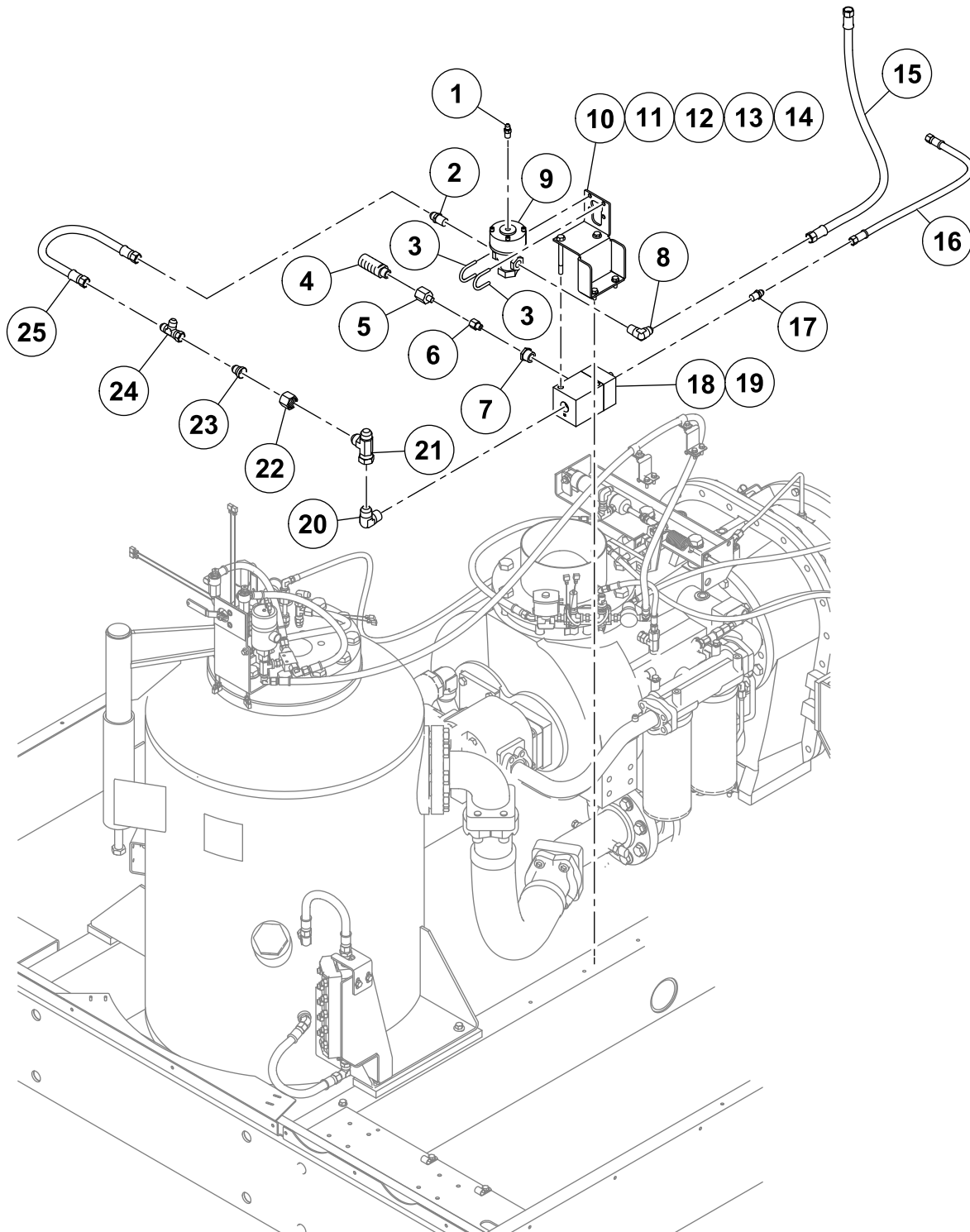
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36884997	Flange, Intake	1	
2	35375963	Screw, Hex, M20 - 2.5 X 75	8	
3	46547980	Elbow, 90° -4 JIC X 1/4" NPT	1	
4	35283498	Hose, -4 JIC X 51"	1	
5	46604159	Elbow, 45° -4 JIC X 1/4" NPT	1	
6	35310960	Hose, -4 JIC X 10"	1	
7	35296219	Nut, Tube, -8 JIC	1	
8	35299734	Reducer, -8 JIC X -4 JIC	1	
9	35287895	Connector, 9/16" X -8 JIC - 18 w/O-Ring	1	
	35278571	O-Ring, 0.468" ID X 0.078" BUNA 3-6	1	
10	95642484	Tee, -8 JIC X -8 JIC X -8 JIC	1	
11	35287903	Connector, -4 JIC X 7/16" - 20 w/O-Ring	1	
12	35290352	Elbow, 90° -4 JIC X -4 JIC Female	1	
13	35298512	Hose, -8 JIC X 30"	1	
14	36754059	Gasket	2	
15	36884112	Valve, Butterfly	1	

Airend, HR2.5, Discharge Piping



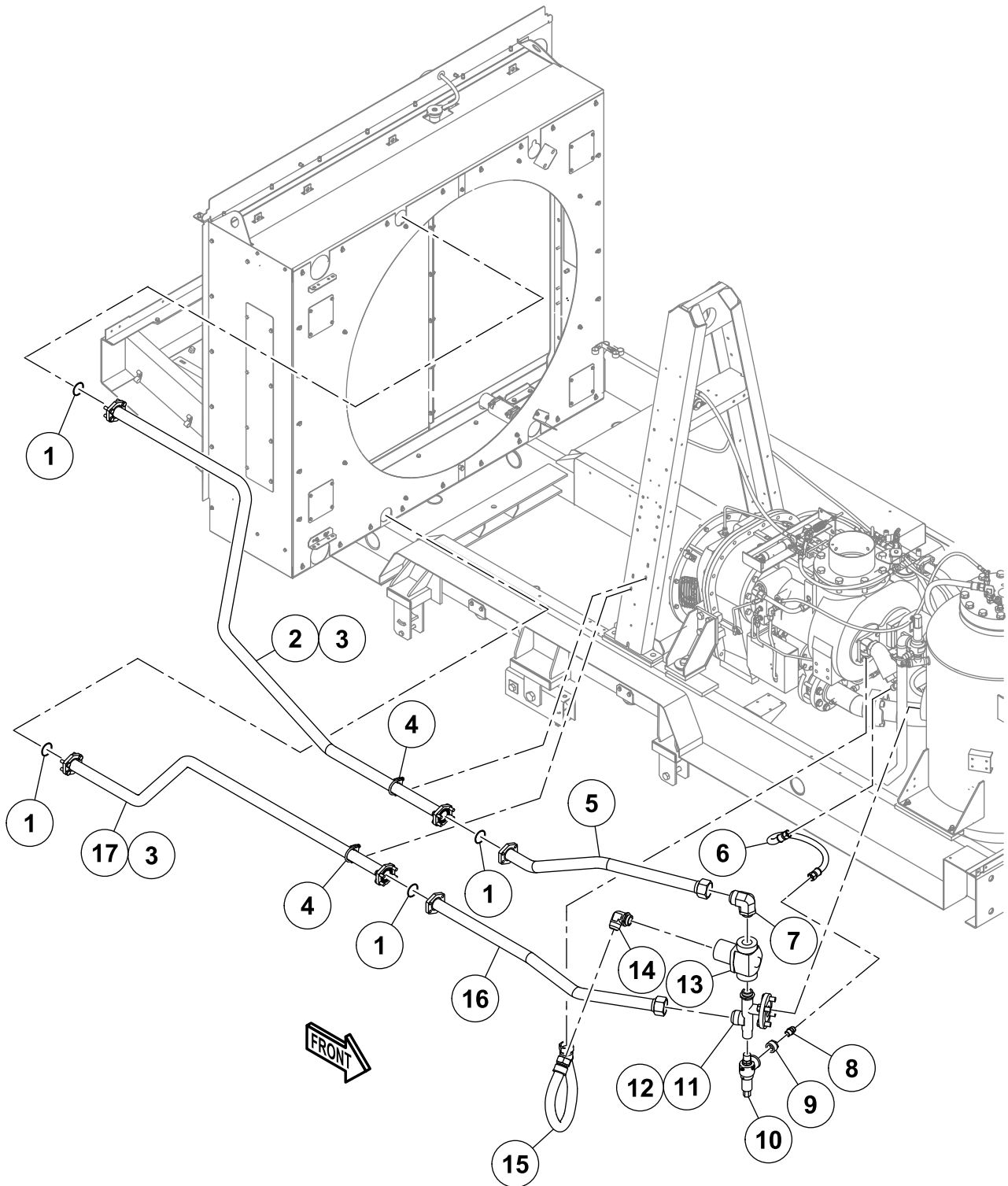
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35294750	Elbow, 90° -12 JIC X 1-1/16" -12 w/O-Ring	1	
2	95954038	Plug, Hex, 1/4" NPT	1	
3	95225116	Gasket, Ring	2	
4	36843720	Valve, Check, 3" Wafer	1	
5	46671454	Element, Oil Filter	2	
6	23294820	Sensor, Temperature, 3/8" NPT	1	
7	95358040	O-Ring, Std-237 3/8" ID X 1/8" WD	2	
8	95016283	Flange, Adapter 3"	2	
9	95013728	Screw, Cap Hex Socket Head, 5/8" X 2-1/2"	4	
10	46570099	Hose, 3" Discharge Metal Flex	1	
11	46570920	Pipe, 3" Discharge	1	
12	96705504	Screw, Hex, M16 - 2.0 X 110	4	
13	35376094	Screw, Hex, M16 - 2.0 X 120	4	
14	95935052	Washer, Flat, 5/8" ID	12	

Airend, HR2.5, Anti-Rumble Piping



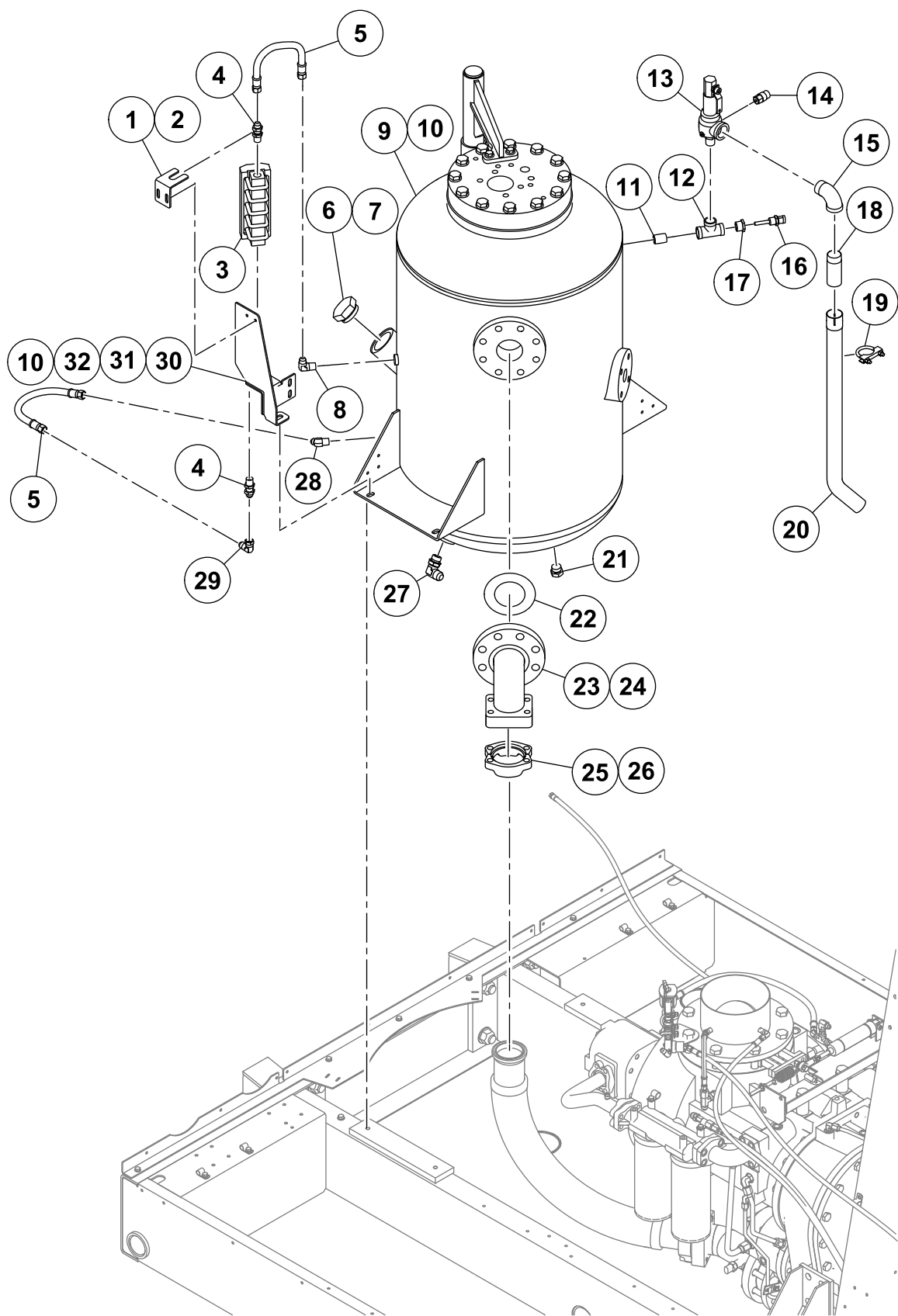
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35283472	Connector, -4 JIC X 1/4" NPT	1	
2	35286426	Adapter, -1/2" NPT X -8 JIC	1	
3	35166404	U-Bolt, 1/4" -20 UNC X 1-1/4"	2	
4	35132299	Silencer, Blowdown EPA	1	
5	95948501	Adapter, 1/2" NPTF X 1/4" NPTF	1	
6	35322346	Connector, 5/32" Orifice	1	
7	95944633	Bushing, 3/4" NPT X 1/4" NPT Reducer	1	
8	46620859	Elbow, 90° -8 JIC X 1/2" NPT	1	
9	35316405	Valve, Anti-Rumble	1	
10	46586480SA	Bracket, Anti-Rumble Valve	1	
11	95934618	Screw, Hex, 3/8" -16 UNC X 4"	2	
12	95935037	Washer, 3/8" Flat	1	
13	35144492	Nut, Serrated Hex Flange, 1/4" -20 UNC	4	
14	35279025	Screw, Hex, M08 -1.25 X 20	1	
15	35298512	Hose, -8 JIC X 30"	1	
16	35284504	Hose, -6 JIC X 26"	1	
17	46593959	Connector, -6 JIC X 3/8" NPT	1	
18	46649430	Valve, Blowdown	1	
	46663277	Repair Kit, Blowdown Valve	1	
19	35145077	Nut, Hex Serrated, 3/8" -16 UNC	2	
20	35294735	Elbow, 90° -12 JIC X 3/4" NPTF	1	
21	35287739	Tee Run, -12 JIC	1	
22	35324987	Nut, Tube -12 JIC	1	
23	35365774	Reducer, -12 JIC X -8 JIC	1	
24	35287929	Tee, -8 JIC X -8 JIC X -8 JIC Female	1	
25	35252782	Hose, -8 JIC X 13"	1	

Oil Piping, Installation



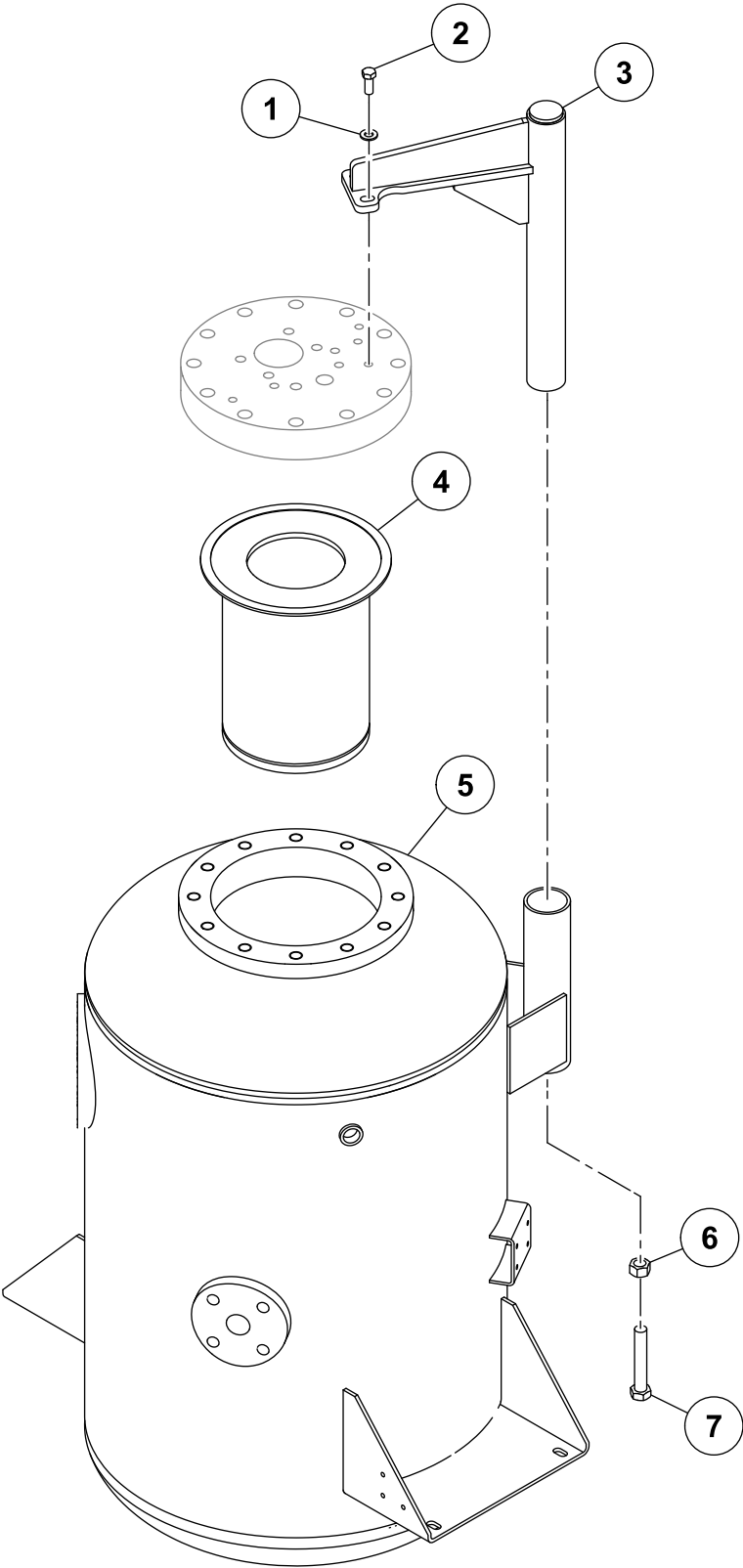
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	95357976	O-Ring, 2 - 1/4" ID X 1/8"	4	
2	46619887	Tube, Oil Cooler Return	1	
3	95920708	Screw, Hex, 1/2" - 13 X 1-1/2"	16	
4	35192178	Clamp, Saddle, 2"	2	
5	46619888	Tube, Oil Cooler Out To OTBV XHP	1	
6	35141894	Hose, -12 JIC X 16"	1	
7	39481460	Elbow, 90° - 24 SAE X -32 JIC	1	
8	95219747	Connector, -12 JIC X 3/4" NPT	1	
9	95953873	Bushing, 1-1/2" NPT X 3/4" NPTF Reducer	1	
10	46595801	Valve, Oil Pressure Relief	1	
11	46609059	Manifold, XHP Oil	1	
12	95935193	Screw, Hex, 3/4" X 1 - 3/4"	4	
13	36897940	Valve, Oil Temperature Bypass	1	
	22201271	Seal, Lip		
	22201289	Screws		
	39207402	Element, Temperature, 150° F		
14	95431292	Elbow, 90° - 24 JIC X 1 - 7/8" - 12 UNF SAE w/ O-Ring	1	
15	35130863	Hose, -24 JIC X 35"	1	
16	46653410	Tube, Oil Manifold To Oil Cooler Supply	1	
17	46557159	Tube, Oil Cooler In	1	

Separator Tank, Installation

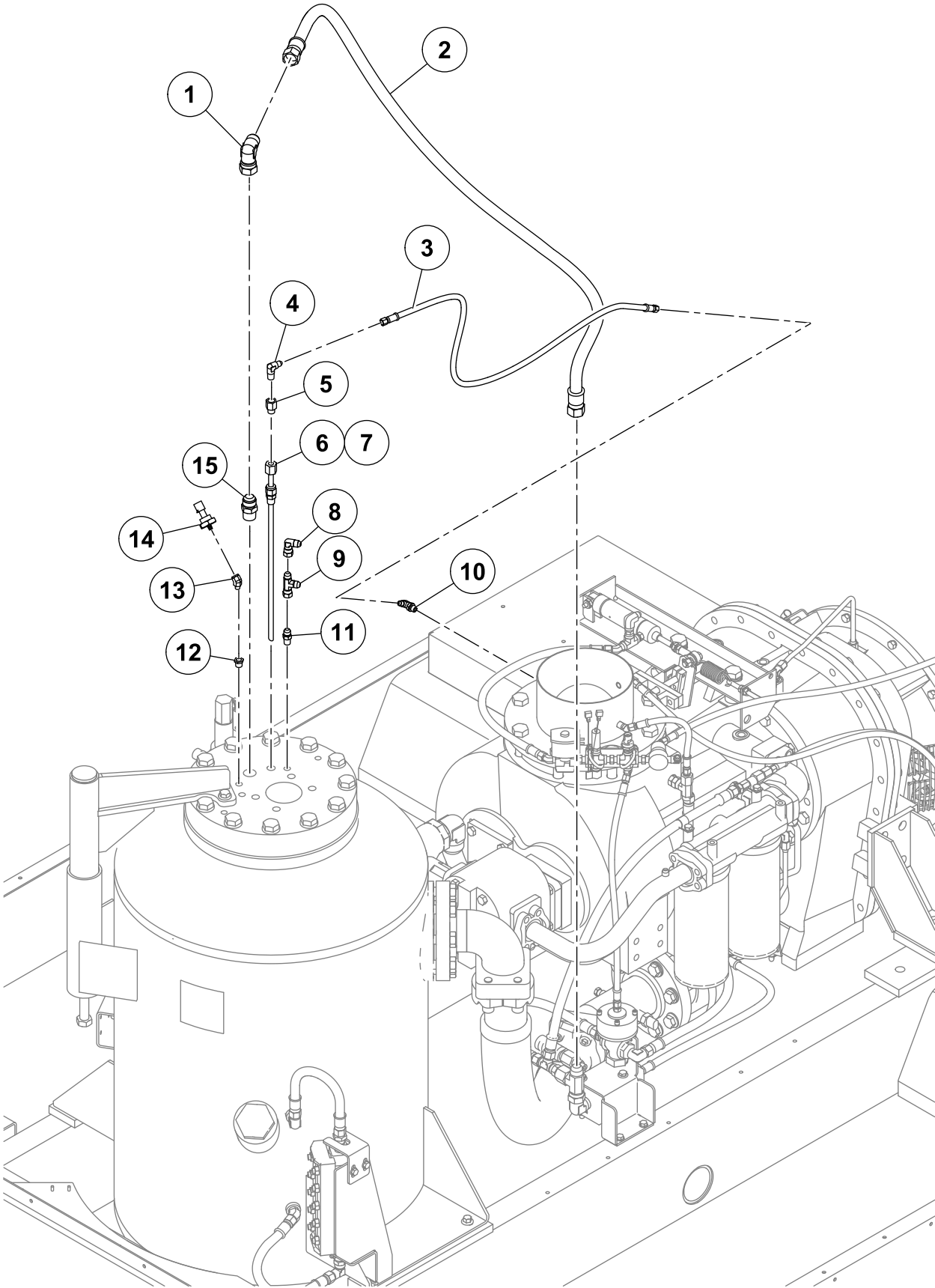


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46649981SA	Bracket, Top, Sight Glass	1	
2	35279025	Screw, Tapping, M08 - 1.25 X 20	2	
3	46615739	Gage, Sight, Flat Glass Reflex	1	
4	46620860	Connector, Bulkhead, -8 JIC X 1/2" NPT	2	
5	46620082	Hose, -8 X 381mm	2	
6	35802933	Plug, Oil Filler	1	
7	35277797	O-Ring, 2-11/32" ID	1	
8	46620859	Elbow, -8 JIC X 1/2" NPT 90°	1	
9	46561524	Separator Tank Assembly, XHP, ASME CRN AS1210 Certified	1	
	46555803	Separator Tank Assembly, XHP, CE ASME CRN Certified	1	
10	36879492	Screw, Hex Flange, M12 - 1.75 X 25	4	
11	95928040	Nipple, Pipe 3/4"	1	
12	95953410	Tee, 3/4" NPT X 3/4" NPT X 3/4" NPT	1	
13	46553971	Valve, Safety, 440 PSI	1	
14	46568519	Switch, Pressure 12 PSI	1	
15	95944104	Elbow, 1-1/4" NPT X 1-1/4" NPT	1	
16	23294838	Sensor, Temperature 1/2" NPT	1	
17	95953949	Bushing, Reducer, 3/4" NPT X 1/2" FNPT	1	
18	36762821	Nipple, 1-1/4" NPT X 4"	1	
19	35261155	Clamp, Muffler	1	
20	54744156	Pipe, Discharge, Safety Valve	1	
21	95280541	Plug, Hex, 1-1/16" - 12	1	
22	95225116	Gasket, Ring	1	
23	46560718	Elbow, Discharge, 3"	1	
24	95934386	Screw, Hex, 3/4" - 10 X 2-1/4"	8	
25	95016283	Flange, Adapter 3"	2	
26	95013728	Screw, Hex Socket, 5/8" - 11 X 2-1/2"	4	
27	35294750	Elbow, 90° 1-1/16" - 12 X -12 JIC w/O-Ring	1	
28	46619643	Elbow, 45° -8 JIC X 1/2" NPT	1	
29	46620880	Elbow, 90° -8 JIC X -8 JIC	1	
30	46649240SA	Bracket, Sight Glass	1	
31	96741962	Screw, M08 - 1.25 X 25	2	
32	36881886	Nut, Hex Flange, M08 - 1.25	2	

Separator Tank, Tank Assembly

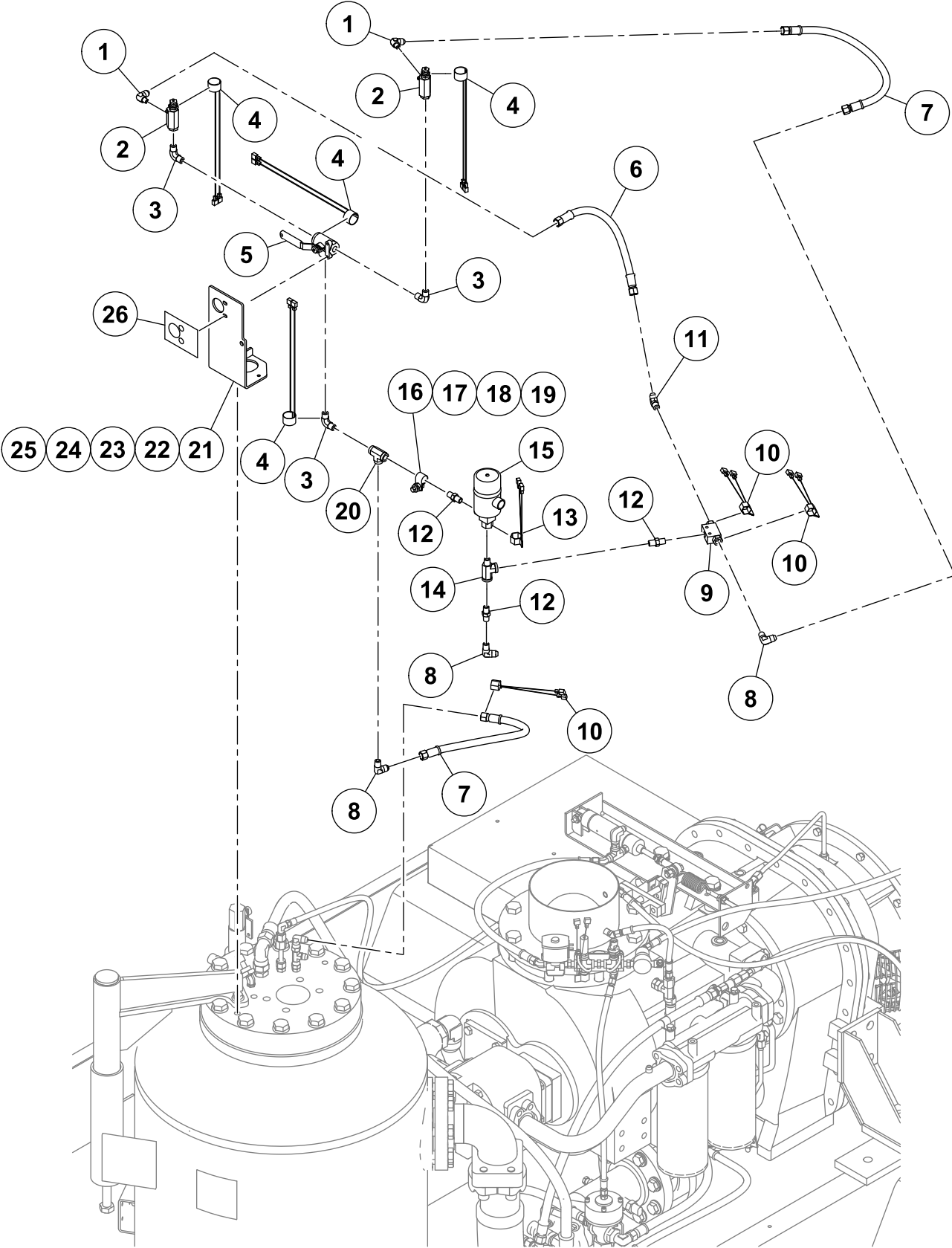


Separator Tank, Piping



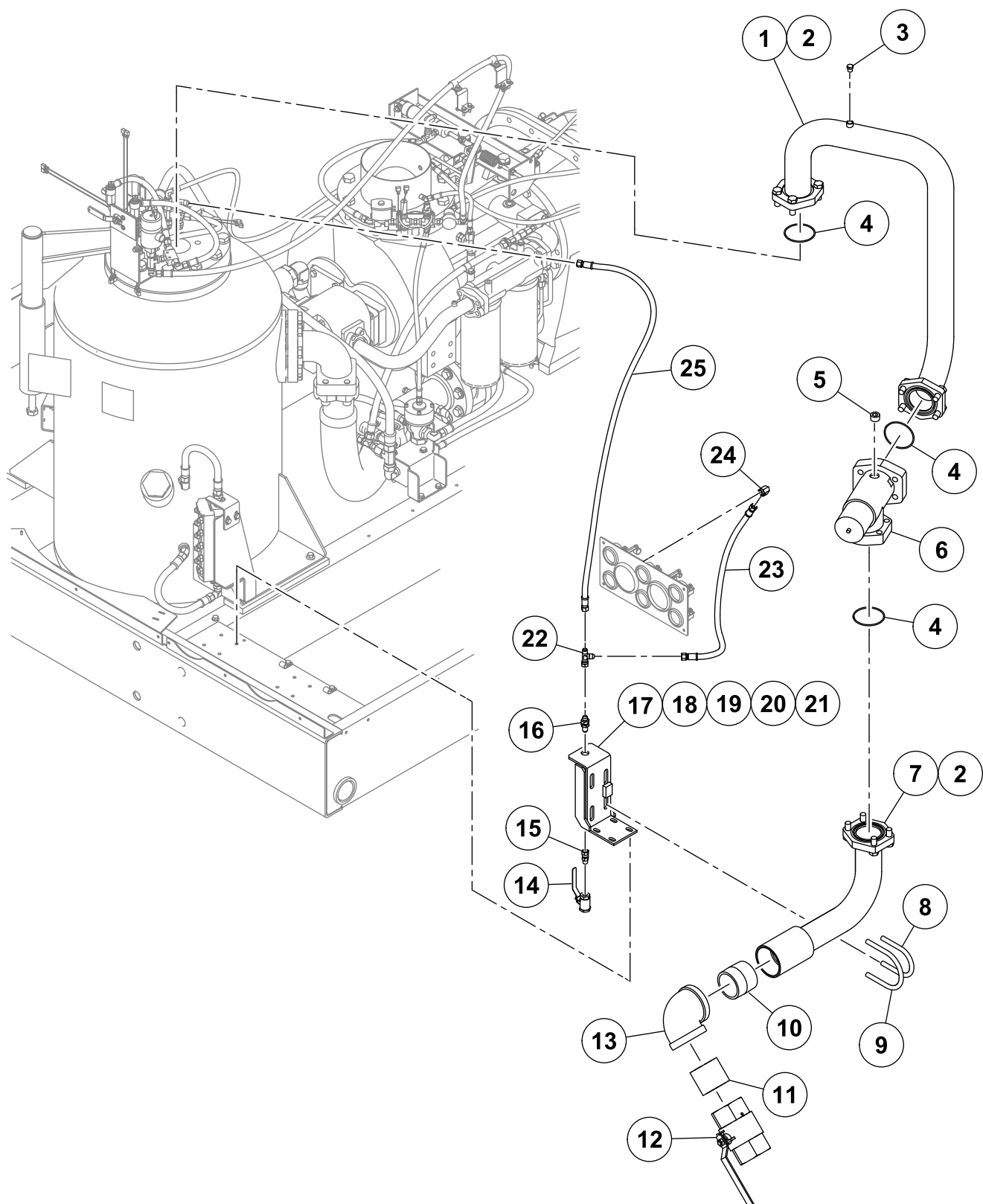
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35301506	Elbow, 90° -12 JIC X -12 JIC Female	1	
2	35376110	Hose, -12 JIC X 54"	1	
3	35291269	Hose, -4 JIC X 60"	1	
4	35283464	Elbow, 90° -4 JIC X 1/4" NPTF	1	
5	37081528	Orifice, 0.063" Dia. X 1/4" NPT	1	
6	35593201	Tube, Scavenge	1	
7	35329309	Connector, 3/8" NPT X 3/8", w/ O-Ring	1	
8	46628161	Elbow, 90° -6 JIC X -6 JIC Female	1	
9	46607825	Tee, -6 JIC X -6 JIC	1	
10	95365094	Elbow, 90° 9/16" X -4 JIC - 18 w/O-Ring	1	
11	46547956	Connector, -6 JIC X 1/4" NPT	1	
12	95930301	Bushing, Hex, Reducer 1/4" NPT X 1/8" NPTF	1	
13	22817811	Elbow, 45° 1/8" NPT	1	
14	54765946	Transducer, Pressure, 0-500 PSI	1	
15	95219747	Connector, -12 JIC X 3/4" NPT	1	

Separator Tank, Regulation



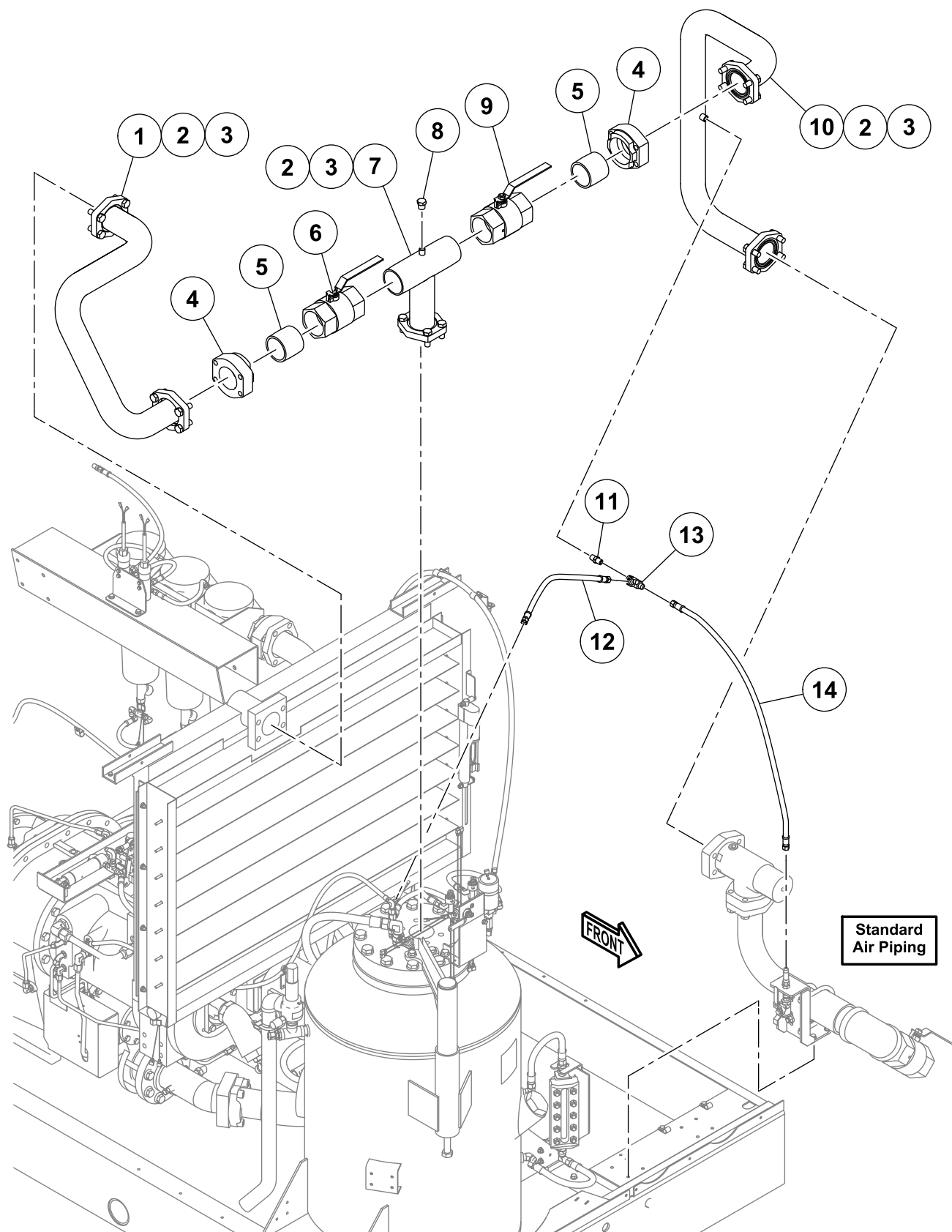
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46548087	Elbow, 90° -6 JIC X 1/8" NPT	2	
2	35315795	Valve, Regulator, Spring	2	
3	46547865	Elbow, 90° 1/4" NPT	3	
4	23346612	Heater, Cylindrical 24VDC	4	
5	46562499	Valve, 3-Way Ball 1/4" NPT	1	
6	46645121	Hose, -6 JIC X 13"	1	
7	46608801	Hose, -6 JIC X 17"	2	
8	46547881	Elbow, 90° -6 JIC X 1/4" NPT	3	
9	46547873	Valve, Shuttle, 1/4" NPT	1	
10	36841526	Heater, Hex, 3/4" 24 VDC	3	
11	46548020	Elbow, 45° 1/4" NPT X -6 JIC	1	
12	46547816	Nipple, Hex, 1/4" NPT SST	3	
13	46499687	Heater, Hex, 7/8" 24VDC	1	
14	46547840	Tee, 1/4" Male Run NPT	1	
15	46553075	Valve, Solenoid, 24V 1/4" NPT	1	
16	35225077	Clamp, Support, 11/16" ID Rubber Coated	1	
17	36889608	Screw, Hex Flanged, M08 -1.25 X 25	1	
18	36881886	Nut, Hex, M08 - 1.25	1	
19	95245288	Nut, Hex, 7/16"	1	
20	46547824	Tee, 1/4" NPT X 1/4" NPT X 1/4" NPT Female	1	
21	46652346SA	Bracket, Regulator Mount	1	
22	95935003	Washer, Flat, 1/2"	1	
23	95934634	Screw, Hex, 1/2" - 13 X 3/4"	1	
24	95954251	Washer, Flat, #10	2	
25	95095659	Screw, Round Phillips, #10 - 24 UNC X 1/2"	2	
26	46607441	Decal, Dual Pressure Valve Operation	1	

Service Air, Standard, No Filtration



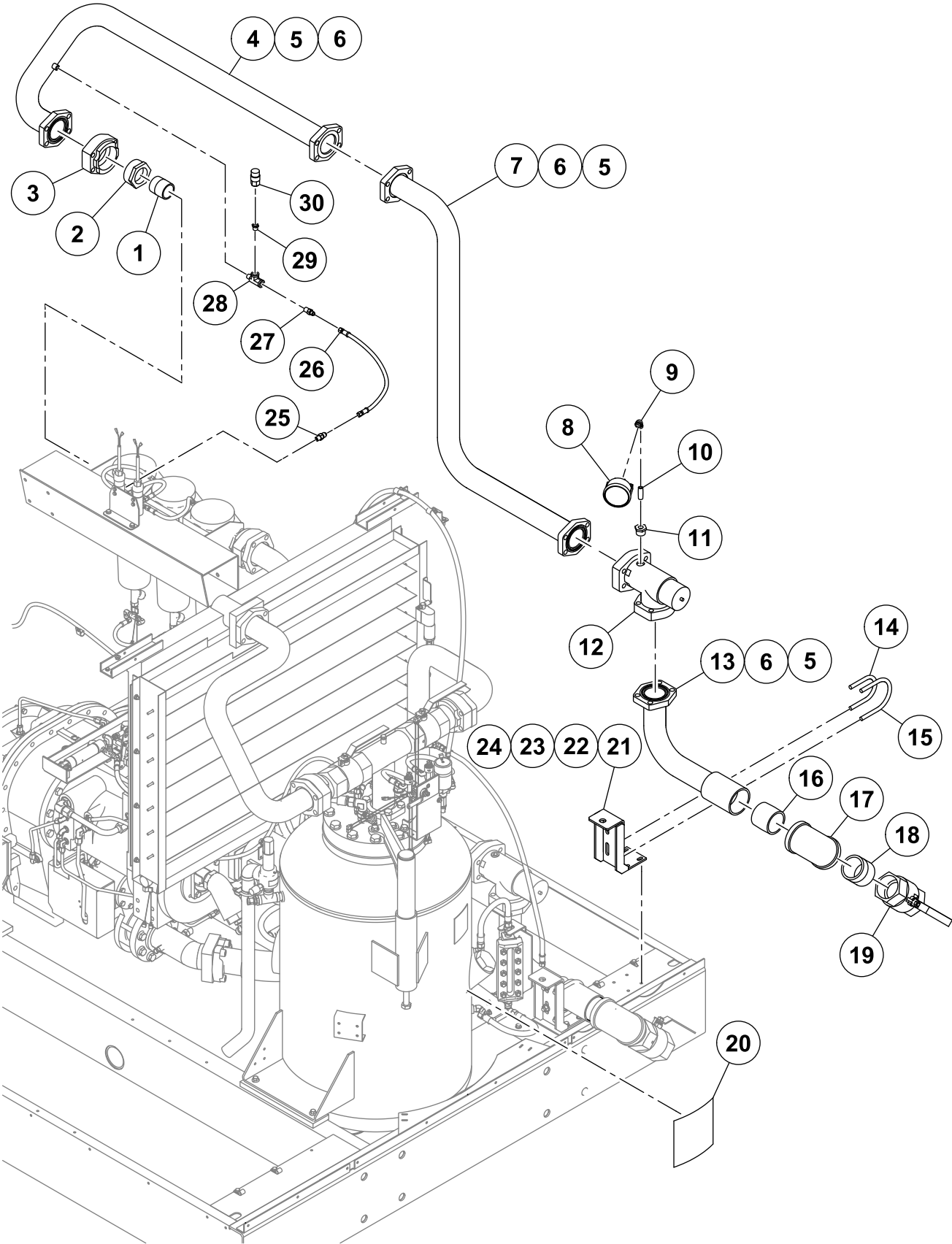
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46561721	Tube, Separator Tank Minimum Pressure Valve	1	Non PED Only
	22205124	Tube, Separator Tank Minimum Pressure Valve, PED	1	
2	95929089	Screw, Hex, 5/8" - 11 X 1-3/4"	12	
3	95954038	Plug, Hex, 1/4" NPT	1	
4	95358040	O-Ring, 3-3/8" ID X 1/8" Cross Section	3	
5	95947149	Plug, Hex, Countersink 3/4" NPT	1	
6	54687504	Valve, Check, 3" Minimum Pressure	1	
	22207526	Valve, Check, 3" Minimum Pressure, PED	1	
7	46561941	Tube, Service Air, 3"	1	
	46614404	Tube, Service Air, 3", PED	1	
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, Pipe Extra Strong 3" NPT X 3"	1	
11	54393210	Nipple, Orifice, 3" NPT X 3"	1	
12	36755718	Valve, Ball, 3"	1	
	22225213	Valve, Ball, 3" NPT, PED	1	
13	95954814	Elbow, 90°, 3" NPT	1	
14	23299472	Valve, Ball, 1/4" NPT	1	
15	35367846	Connector, Swivel Nut, 1/4" NPT X -6 JIC	1	
16	35336189	Connector, -6 JIC Bulkhead	1	
17	54668314	Bracket, Service Pipe Mounting	1	
18	35130293	Screw, Tapping, 3/8" - 16 X 3/4"	4	
19	95935003	Washer, Flat, 1/2" ID	4	
20	95922902	Nut, Hex, 1/2"- 13	4	
21	95935052	Washer, Flat, 5/8"	2	
22	95415667	Tee, -6 JIC Swivel Run	1	
23	35282987	Hose, -6 JIC X 34"	1	
24	35280098	Elbow, 90° 1/4" NPT X -6 JIC	1	
25	35283001	Hose, -6 JIC X 47"	1	

Service Air, IQ, Piping, Aftercooler Inlet



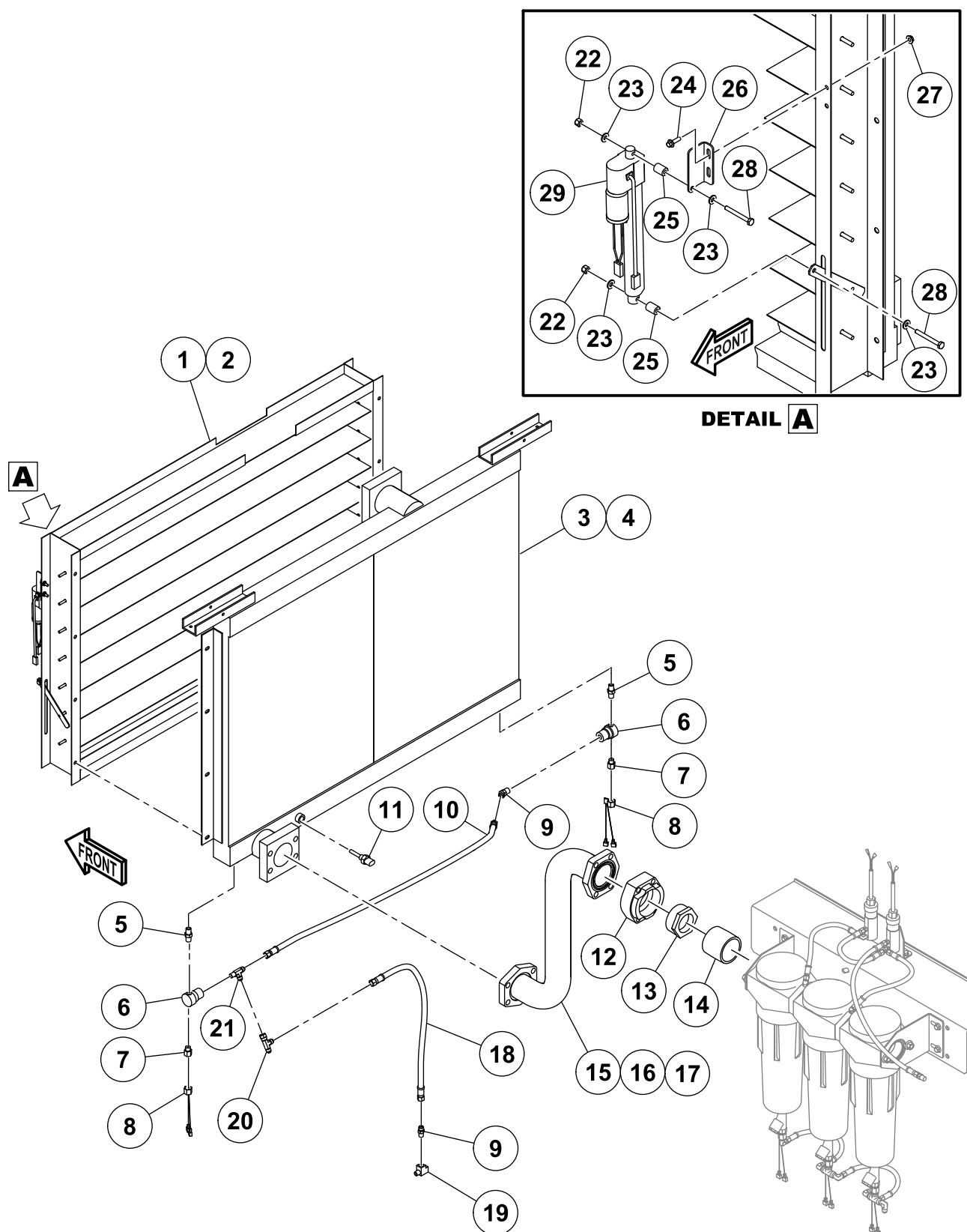
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46625516	Tube, Aftercooler Inlet XHP	1	
	46614405	Tube, Aftercooler Inlet XHP, PED	1	
2	95929089	Screw, Hex, 5/8" - 11 X 1-3/4"	20	
3	95358040	O-Ring, 3-3/8" ID	5	
4	36893220	Adapter, 3" NPT X Flat-Face Flange	2	
5	95940946	Nipple, Extra Strong, Pipe 3" NPT X 3"	2	
6	36922995	Valve, Ball, Lockable, 3"	1	
	22225221	Valve, Ball, Lockable, 3" NPTLockable, PED	1	
7	46674062	Tee, Service Air 3"	1	
	46557999	Tee, Service Air 3", PED	1	
8	95954038	Plug, Hex, 1/4" NPT	1	
9	36755718	Valve, Ball, 3"	1	
	22225213	Valve, Ball, 3" NPT, PED	1	
10	46561720	Tube, Aftercooler By-Pass XHP	1	
	22205140	Tube, Aftercooler By-Pass XHP, PED	1	
11	35248145	Connector, 1/4" NPTF	1	
12	35311471	Hose, -6 JIC X 30"	1	
13	35294461	Tee Run, -6 JIC X -6 JIC X 1/4" NPT Female	1	
14	35310994	Hose, -6 JIC X 39"	1	

Service Air, IQ, Filtration Outlet, Piping



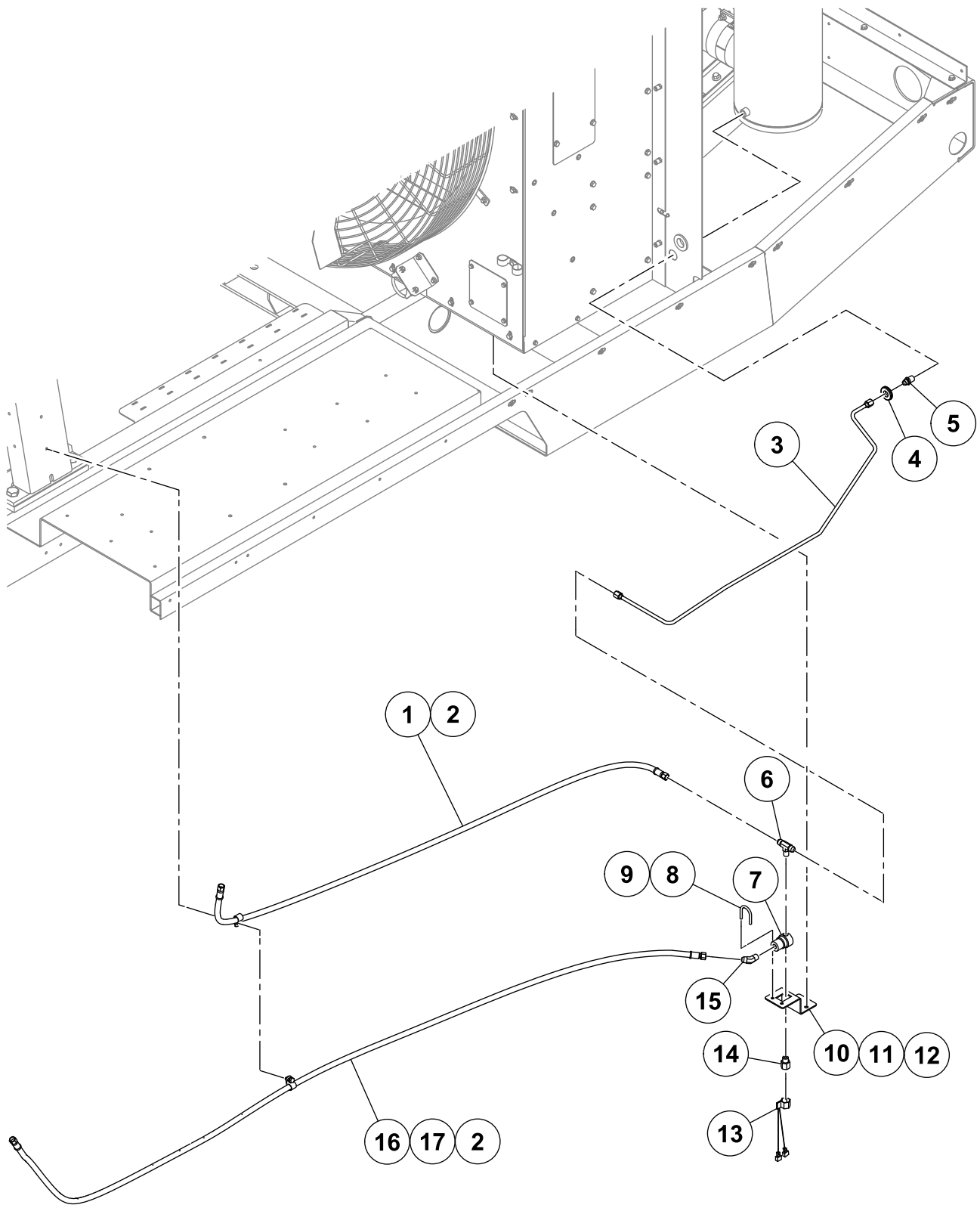
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	95953790	Nipple, Extra Strong, Pipe, 2" NPT X 2-1/2"	1	
2	95951398	Bushing, 3" NPT X 2" NPT Female Reducer	1	
3	36893220	Adapter, 3" NPT X Flat-Face Flange	1	
4	46556499	Tube, IQ Filter	1	
	46614402	Tube, IQ Filter, PED	1	
5	95358040	O-Ring, 3-3/8" ID	4	
6	95929089	Screw, Hex, 5/8" - 11 X 1-3/4"	16	
7	46557144	Tube, IQ Filter Tube to Min. Pressure Valve	1	
	46614403	Tube, IQ Filter Tube to Min. Pressure Valve, PED	1	
8	46558801	Gauge, Pressure, 0-600 PSI	1	
9	95954095	Elbow, 90° 1/4" NPT	1	
10	95944567	Nipple, 1/4" NPT X 1-1/2"	1	
11	95944633	Bushing, Reducer, Female, 3/4" NPT X 1/4" NPT	1	
12	54687504	Valve, Check, 3" Minimum Pressure	1	
	22207526	Valve, Check, 3" Minimum Pressure, PED	1	
13	46561941	Tube, Service Air	1	
	46614404	Tube, Service Air, PED	1	
14	35586288	U-Bolt, 1/2" - 13 X 3"	1	
15	36799419	U-Bolt, 1/2" - 13 X 4-5/8"	1	
16	95940946	Nipple, Extra Strong, Pipe, 3" NPT X 3"	1	
17	95954814	Elbow, 90° 1/4" NPT	1	
18	54393210	Nipple, Orifice, 3" NPT X 3"	1	
19	36755718	Valve, Ball, 3"	1	
	22225213	Valve, Ball 3", PED	1	
20	46607442	Decal, AC Operation Diagram	1	
21	54668314	Bracket, Service Pipe Mounting	1	
22	35130293	Screw, Tapping, 3/8" - 16 X 3/4"	4	
23	95922902	Nut, Hex 1/2"- 13	4	
24	95935003	Washer, Flat, 1/2" ID	4	
25	95287629	Connector, -4 JIC X 1/8" NPT	1	
26	35282912	Hose, -4 JIC X 27"	1	
27	35283472	Connector, -4 JIC X 1/4" NPT	1	
28	46547840	Tee, 1/4" NPT X 1/4" NPTF X 1/4"NPT	1	
29	46547857	Bushing, Reducer, Hex, 1/4" NPTF X 1/8" NPTF	1	
30	46568519	Switch, Pressure, 12PSI NC	1	

Service Air, IQ, Aftercooler, Piping



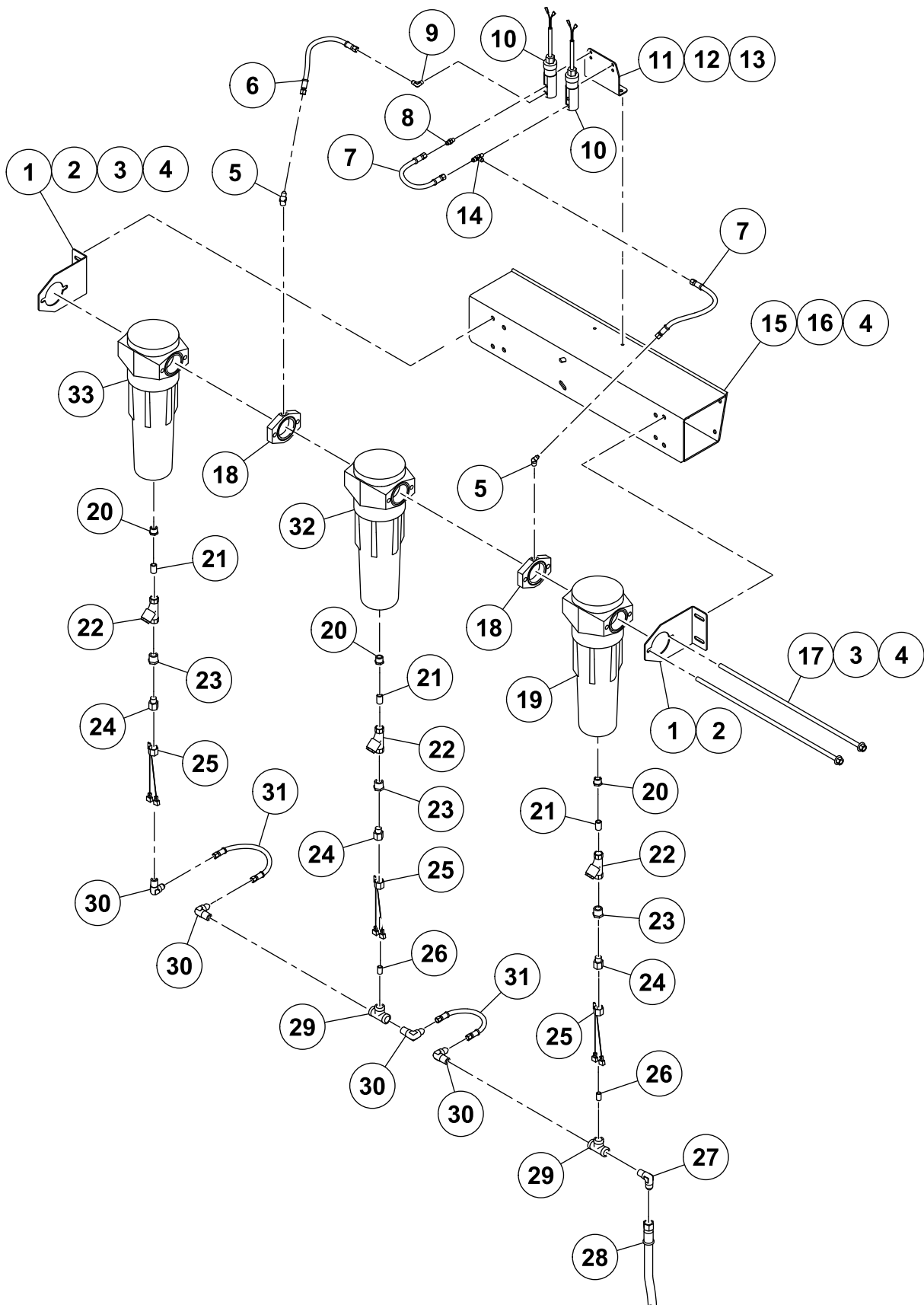
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	54700943	Louver, Aftercooler	1	
2	35252600	Nut, Hex, 5/16" - 18	8	
3	46625132	Aftercooler, High Pressure, XHP	1	
	46601123	Aftercooler, High Pressure, XHP, PED	1	
4	35144336	Screw, Hex Flange, 5/16" - 18 X 3/4"	8	
5	46547816	Nipple, Hex, 1/4" NPT	2	
6	36920445	Valve, Blowdown	2	
7	35248319	Fitting, Orifice, 3/32"	2	
8	36841526	Heater, 3/4" Hex 24 VDC	2	
9	46547956	Connector, 1/4" NPT X 3/8" Tube	1	
10	46607399	Hose, -6 JIC X 39"	2	
11	23294820	Sensor, Temperature 3/8" NPT	1	
12	36893220	Adapter, 3" NPT X Flat-Face Flange	1	
13	95951398	Bushing, Hex Reducer, 3" NPT X 2" NPTF	1	
14	95953790	Nipple, Extra Strong, Pipe, 2" NPT X 2-1/2"	1	
15	46625517	Tube, Aftercooler Outlet	1	
	46614401	Tube, Aftercooler Outlet, PED	1	
16	95929089	Screw, Hex, 5/8" - 11 X 1-3/4"	8	
17	95358040	O-Ring, 3-3/8" ID	2	
18	46635061	Hose, -6 X 30"	1	
19	35114545	Tee, 1/4" NPT X 1/4" NPTF X 1/4" NPTF	1	
20	46607825	Tee, -6 JIC Run Swivel	1	
21	46607824	Tee, Run, 1/4" NPT X -6 JIC	1	
22	95923298	Nut, Hex Nylon Insert, 1/4" - 20	2	
23	95935029	Washer, Flat, 1/4" ID	4	
24	36898096	Screw, Hex Flange, M06 - 1.0 X 20	2	
25	89297618	Spacer	2	
26	46625461SB	Bracket, Louver Actuator	1	
27	36898104	Nut, Hex, M06 - 1.0	2	
28	46628068	Screw, Hex, 1/4" - 20 X 2-1/4"	2	
29	36898310	Actuator, Linear	1	

Service Air, IQ, Drain Lines



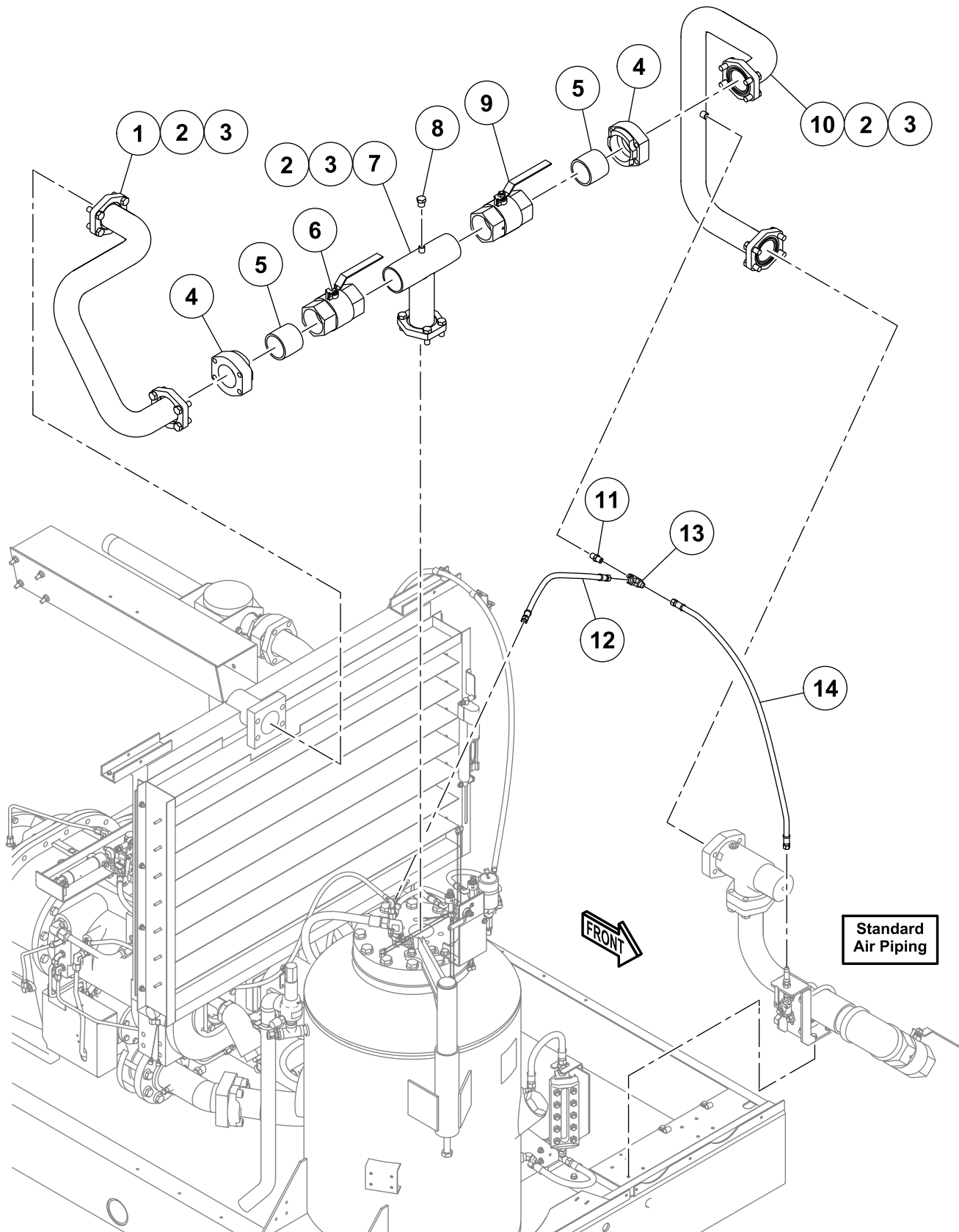
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46606721	Hose, -6 JIC X 88"	1	Tandem Only Wagon Only
2	35225077	Clamp, Support, 3/8" Rubber Coated	2	
3	46651751	Tube, -6 JIC Drain Valve to Muffler	1	
	46654753	Tube, -6 JIC Drain Valve to Muffler	1	
4	35285162	Grommet, 3/4" ID	1	
5	46593959	Connector, -6 JIC X 3/8" NPT	1	
6	46608803	Tee, Male, -6 JIC X 1/4" NPT X -6 JIC	1	
7	35322379	Valve, Blowdown	1	
8	35166404	U-Bolt, 1/4" - 20 X 1-1/4" ID	1	
9	35144492	Nut, Hex Nylon Insert, 1/4" - 20	2	
10	46632179SA	Bracket, Blowdown Valve Mounting	1	
11	36881886	Nut, Hex Flange, M08 - 1.25	2	
12	36889608	Screw, Hex Flange, M08 - 1.25 X 25	2	
13	36841526	Heater, 3/4" Hex 24VDC	1	
14	35322346	Fitting, Orifice, 5/32"	1	
15	46548020	Elbow, 45° 1/4" NPT X -6 JIC	1	
16	46595719	Hose, -6 JIC X 110"	1	
17	35279025	Screw, Hex, M08 - 1.25 X 20	1	

Service Air, IQ, Filters And Moisture Separator



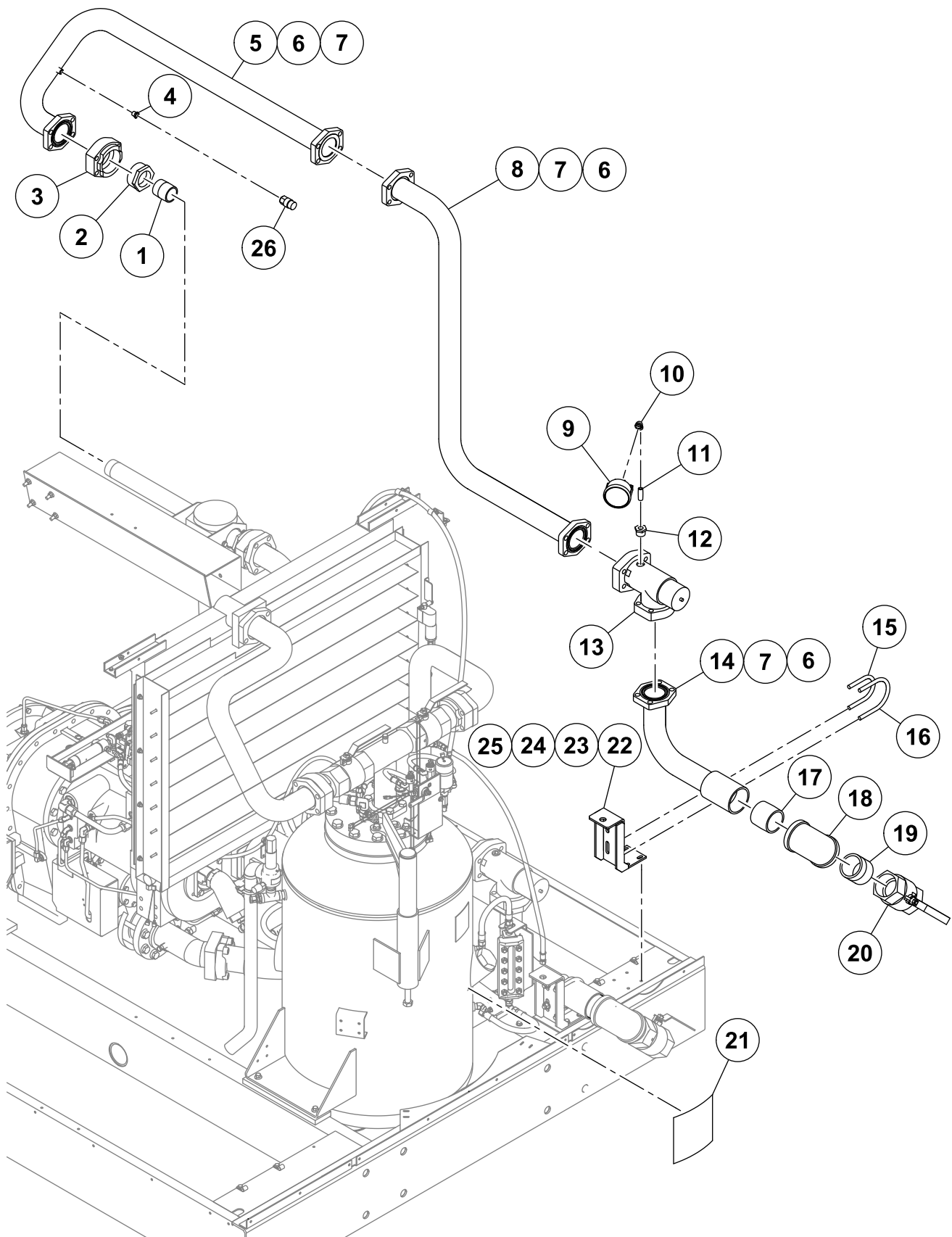
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	54735204	Bracket, XHP IQ Filter Mounting	2	
2	36880995	Screw, Hex Flange M10 - 1.5 X 30	8	
3	95935003	Washer, Flat, 1/2"	4	
4	96701743	Nut, Hex, M12-1.75	4	
5	35321223	Elbow, 45°, -4 JIC X 1/4" NPTF	2	
6	35283241	Hose, -4 JIC X 14"	2	
7	35282904	Hose, -4 JIC X 11-1/2"	1	
8	95287629	Connector, -4 JIC X 1/8" NPT	1	
9	95032074	Elbow, 90°, -4 JIC X 1/8" NPT	1	
10	36899599	Indicator, Differential Pressure, 20 PSI	2	
11	46651375SB	Bracket, Pressure Indicator	1	
12	35279025	Screw, Hex Tapping, M08 - 1.25 X 20	2	
13	35136423	Screw, Hex, 1/4" - 20 UNC X 1/2"	4	
14	35320696	Tee, 1/8" NPT X -4 SAE X -4 SAE	1	
15	46585559SB	Bracket, IQ Filter Mounting	1	
16	36879195	Nut, Hex Flange M10 - 1.5	8	
17	46634884	All Thread, M12 - 1.75 X 590 Stainless Steel	2	
18	46633401	Kit, Spacer, IQ Filters	2	
	22068845	Spacer, Filter Port	1	
	22243141	Kit, O-Ring, 72.26 ID X 1.78 WD Buna Standard	2	
19	54738992	Filter, Secondary	1	
	22349765	O-Ring, Filter Housing	1	
	54739040	Element, Filter	1	
20	95245353	Bushing, Reducer 1/2" NPT X 3/8"	3	
21	95772562	Nipple, 3/8" NPT X 1"	3	
22	36844579	Y-Strainer, 3/8" NPT	3	
23	46547915	Bushing, Reducer 3/8" NPT X 1/4" NPTF	3	
24	37081528	Fitting, Orifice 0.063"	3	
25	36841526	Heater, 3/4" Hex 24VDC	3	
26	95452025	Nipple, Short 1/4" NPT X 7/8"	2	
27	46547881	Elbow, 90°, -6 JIC X 1/4" NPT	1	
28	46606721	Hose, -6 JIC X 88"	1	
29	36882223	Tee, 1/4" NPT	2	
30	46547980	Elbow, 90°, 1/4" NPT X -4 JIC	2	
31	46595720	Hose, -4 JIC X 14"	1	
32	54731625	Filter, XHP Primary	1	
	22349765	O-Ring, Filter Housing	1	
	54739032	Element, Filter	1	
33	54731617	Separator, Moisture	1	
	54739008	Kit, XHP IQ Filter Mounting	1	
	46674252	Harness, IQ Option	1	Not Shown

Service Air, AC, Aftercooler Inlet, Piping



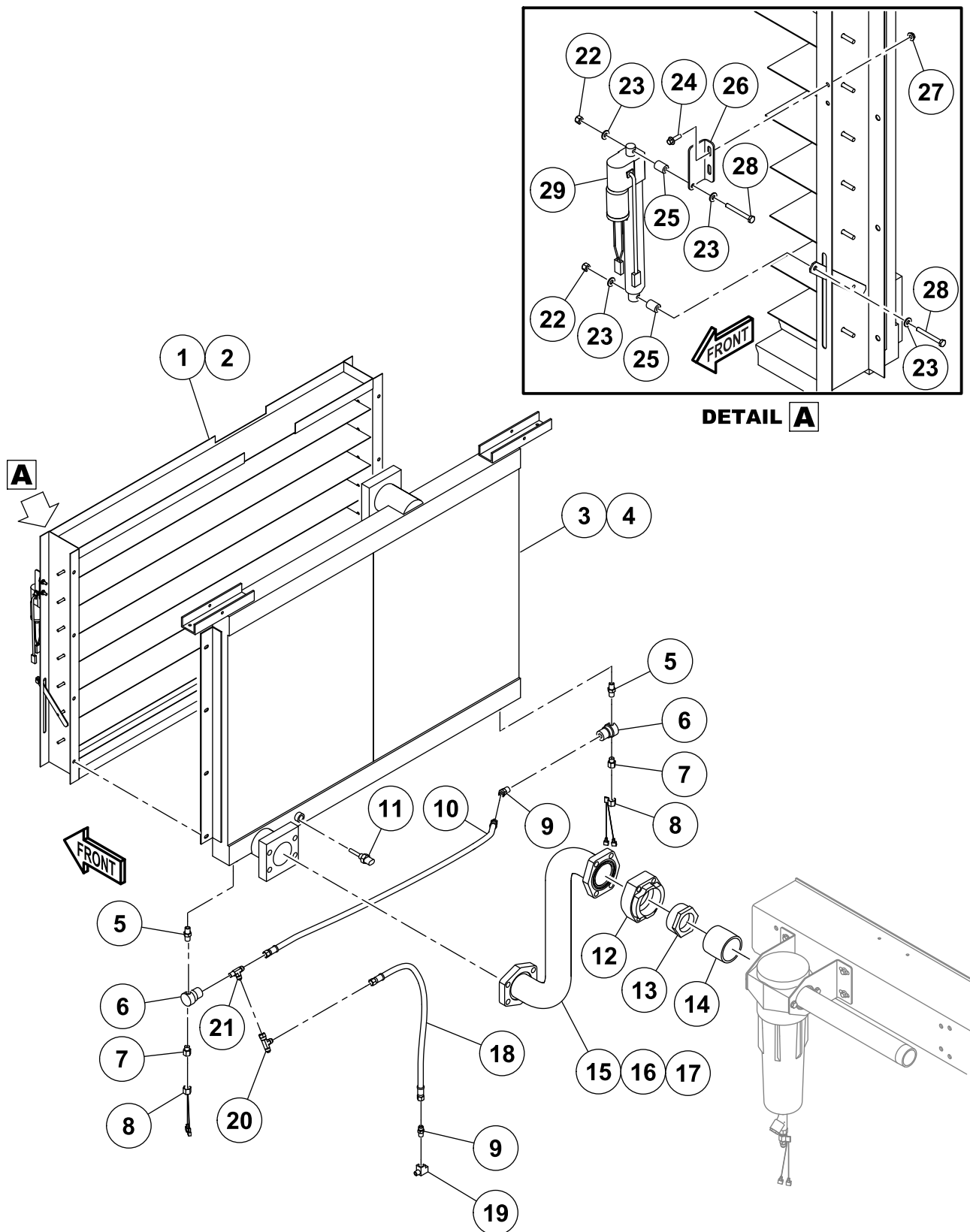
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46625516	Tube, Aftercooler Inlet XHP	1	
	46614405	Tube, Aftercooler Inlet XHP, PED	1	
2	95929089	Screw, Hex, 5/8" - 11 X 1-3/4"	20	
3	95358040	O-Ring, 3-3/8" ID	5	
4	36893220	Adapter, 3" NPT X Flat-Face Flange	2	
5	95940946	Nipple, Extra Strong, Pipe 3" NPT X 3"	2	
6	36922995	Valve, Ball, Lockable, 3"	1	
	22225221	Valve, Ball, Lockable, 3" NPTLockable, PED	1	
7	46674062	Tee, Service Air 3"	1	
	46557999	Tee, Service Air 3", PED	1	
8	95954038	Plug, Hex, 1/4" NPT	1	
9	36755718	Valve, Ball, 3"	1	
	22225213	Valve, Ball, 3" NPT, PED	1	
10	46561720	Tube, Aftercooler By-Pass XHP	1	
	22205140	Tube, Aftercooler By-Pass XHP, PED	1	
11	35248145	Connector, 1/4" NPTF	1	
12	35311471	Hose, -6 JIC X 30"	1	
13	35294461	Tee Run, -6 JIC X -6 JIC X 1/4" NPT Female	1	
14	35310994	Hose, -6 JIC X 39"	1	

Service Air, AC, Filtration Outlet, Piping



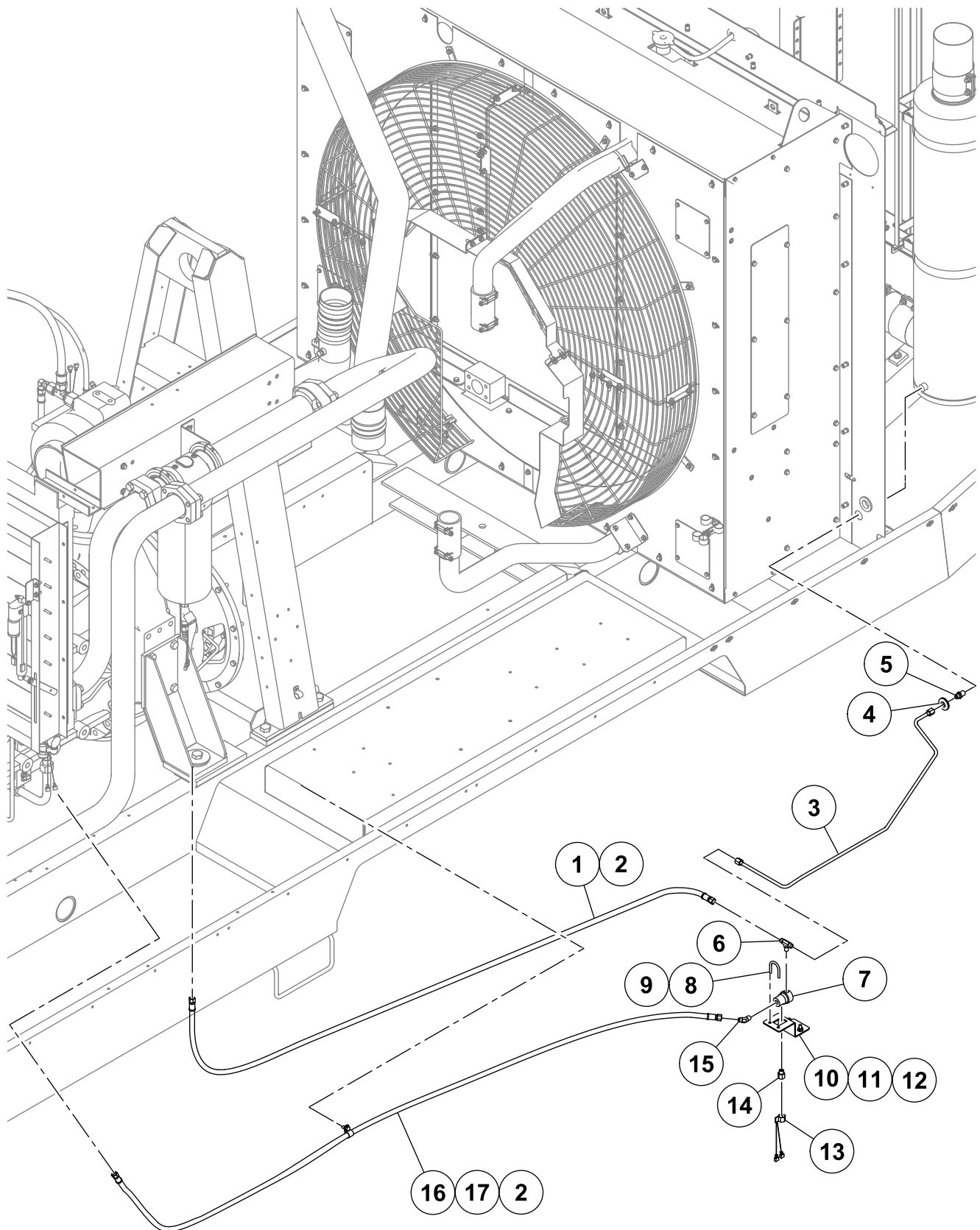
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	95953790	Nipple, Extra Strong, Pipe, 2" NPT X 2-1/2"	1	
2	95951398	Bushing, 3" NPT X 2" NPT Female Reducer	1	
3	36893220	Adapter, 3" NPT X Flat-Face Flange	1	
4	46547857	Bushing, Reducer, Hex, 1/4" NPTF X 1/8" NPTF	1	
5	46556499	Tube, IQ Filter	1	
	46614402	Tube, IQ Filter, PED	1	
6	95358040	O-Ring, 3-3/8" ID	4	
7	95929089	Screw, Hex, 5/8" - 11 X 1-3/4"	16	
8	46557144	Tube, IQ Filter Tube to Min. Pressure Valve	1	
	46614403	Tube, IQ Filter Tube to Min. Pressure Valve, PED	1	
9	46558801	Gauge, Pressure, 0-600 PSI	1	
10	95954095	Elbow, 90° 1/4" NPT	1	
11	95944567	Nipple, 1/4" NPT X 1-1/2"	1	
12	95944633	Bushing, Reducer, Female, 3/4" NPT X 1/4" NPT	1	
13	54687504	Valve, Check, 3" Minimum Pressure	1	
	22207526	Valve, Check, 3" Minimum Pressure, PED	1	
14	46561941	Tube, Service Air	1	
	46614404	Tube, Service Air, PED	1	
15	35586288	U-Bolt, 1/2" - 13 X 3"	1	
16	36799419	U-Bolt, 1/2" - 13 X 4-5/8"	1	
17	95940946	Nipple, Extra Strong, Pipe, 3" NPT X 3"	1	
18	95954814	Elbow, 90° 1/4" NPT	1	
19	54393210	Nipple, Orifice, 3" NPT X 3"	1	
20	36755718	Valve, Ball, 3"	1	
	22225213	Valve, Ball 3", PED	1	
21	46607442	Decal, AC Operation Diagram	1	
22	54668314	Bracket, Service Pipe Mounting	1	
23	35130293	Screw, Tapping, 3/8" - 16 X 3/4"	4	
24	95922902	Nut, Hex 1/2"- 13	4	
25	95935003	Washer, Flat, 1/2" ID	4	
26	46568519	Switch, Pressure, 12PSI NC	1	

Service Air, AC, Aftercooler, Piping



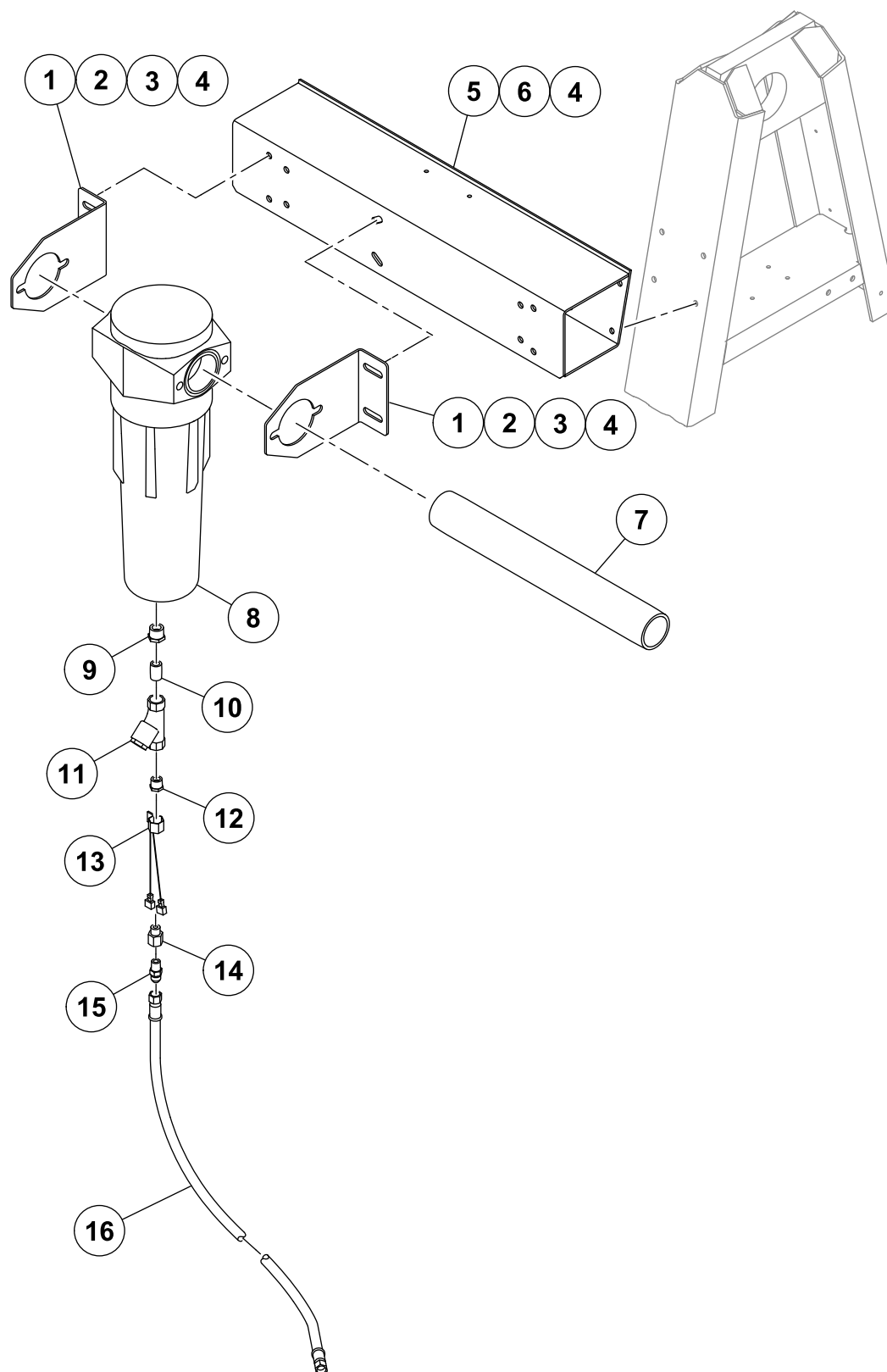
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	54700943	Louver, Aftercooler	1	
2	35252600	Nut, Hex, 5/16" - 18	8	
3	46625132	Aftercooler, High Pressure, XHP	1	
	46601123	Aftercooler, High Pressure, XHP, PED	1	
4	35144336	Screw, Hex Flange, 5/16" - 18 X 3/4"	8	
5	46547816	Nipple, Hex, 1/4" NPT	2	
6	36920445	Valve, Blowdown	2	
7	35248319	Fitting, Orifice, 3/32"	2	
8	36841526	Heater, 3/4" Hex 24 VDC	2	
9	46547956	Connector, 1/4" NPT X 3/8" Tube	1	
10	46607399	Hose, -6 JIC X 39"	2	
11	23294820	Sensor, Temperature 3/8" NPT	1	
12	36893220	Adapter, 3" NPT X Flat-Face Flange	1	
13	95951398	Bushing, Hex Reducer, 3" NPT X 2" NPTF	1	
14	95953790	Nipple, Extra Strong, Pipe, 2" NPT X 2-1/2"	1	
15	46625517	Tube, Aftercooler Outlet	1	
	46614401	Tube, Aftercooler Outlet, PED	1	
16	95929089	Screw, Hex, 5/8" - 11 X 1-3/4"	8	
17	95358040	O-Ring, 3-3/8" ID	2	
18	46635061	Hose, -6 X 30"	1	
19	35114545	Tee, 1/4" NPT X 1/4" NPTF X 1/4" NPTF	1	
20	46607825	Tee, -6 JIC Run Swivel	1	
21	46607824	Tee, Run, 1/4" NPT X -6 JIC	1	
22	95923298	Nut, Hex Nylon Insert, 1/4" - 20	2	
23	95935029	Washer, Flat, 1/4" ID	4	
24	36898096	Screw, Hex Flange, M06 - 1.0 X 20	2	
25	89297618	Spacer	2	
26	46625461SB	Bracket, Louver Actuator	1	
27	36898104	Nut, Hex, M06 - 1.0	2	
28	46628068	Screw, Hex, 1/4" - 20 X 2-1/4"	2	
29	36898310	Actuator, Linear	1	

Service Air, AC, Drain Lines



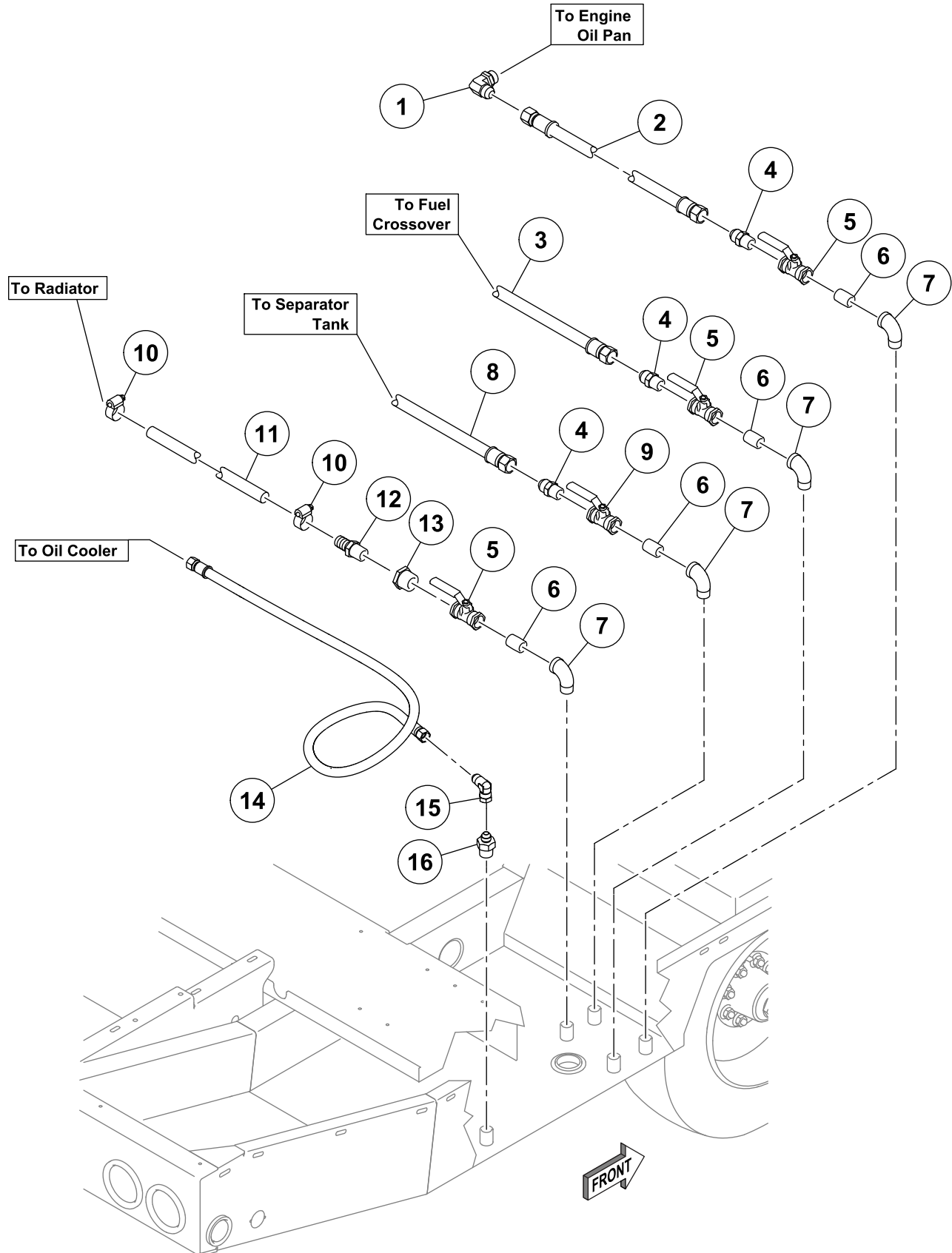
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46595800	Hose, -6 JIC X 100"	1	Tandem Only Wagon Only
2	35225077	Clamp, Support, 3/8" Rubber Coated	2	
3	46651751	Tube, -6 JIC Drain Valve to Muffler	1	
	46654753	Tube, -6 JIC Drain Valve to Muffler	1	
4	35285162	Grommet, 3/4" ID	1	
5	46593959	Connector, -6 JIC X 3/8" NPT	1	
6	46608803	Tee, Male, -6 JIC X 1/4" NPT X -6 JIC	1	
7	35322379	Valve, Blowdown	1	
8	35166404	U-Bolt, 1/4" - 20 X 1-1/4" ID	1	
9	35144492	Nut, Hex Nylon Insert, 1/4" - 20	2	
10	46632179SA	Bracket, Blowdown Valve Mounting	1	
11	36881886	Nut, Hex Flange, M08 - 1.25	2	
12	36889608	Screw, Hex Flange, M08 - 1.25 X 25	2	
13	36841526	Heater, 3/4" Hex 24VDC	1	
14	35322346	Fitting, Orifice, 5/32"	1	
15	46548020	Elbow, 45° 1/4" NPT X -6 JIC	1	
16	46595719	Hose, -6 JIC X 110"	1	
17	35279025	Screw, Hex, M08 - 1.25 X 20	1	

Service Air, AC, Moisture Separator



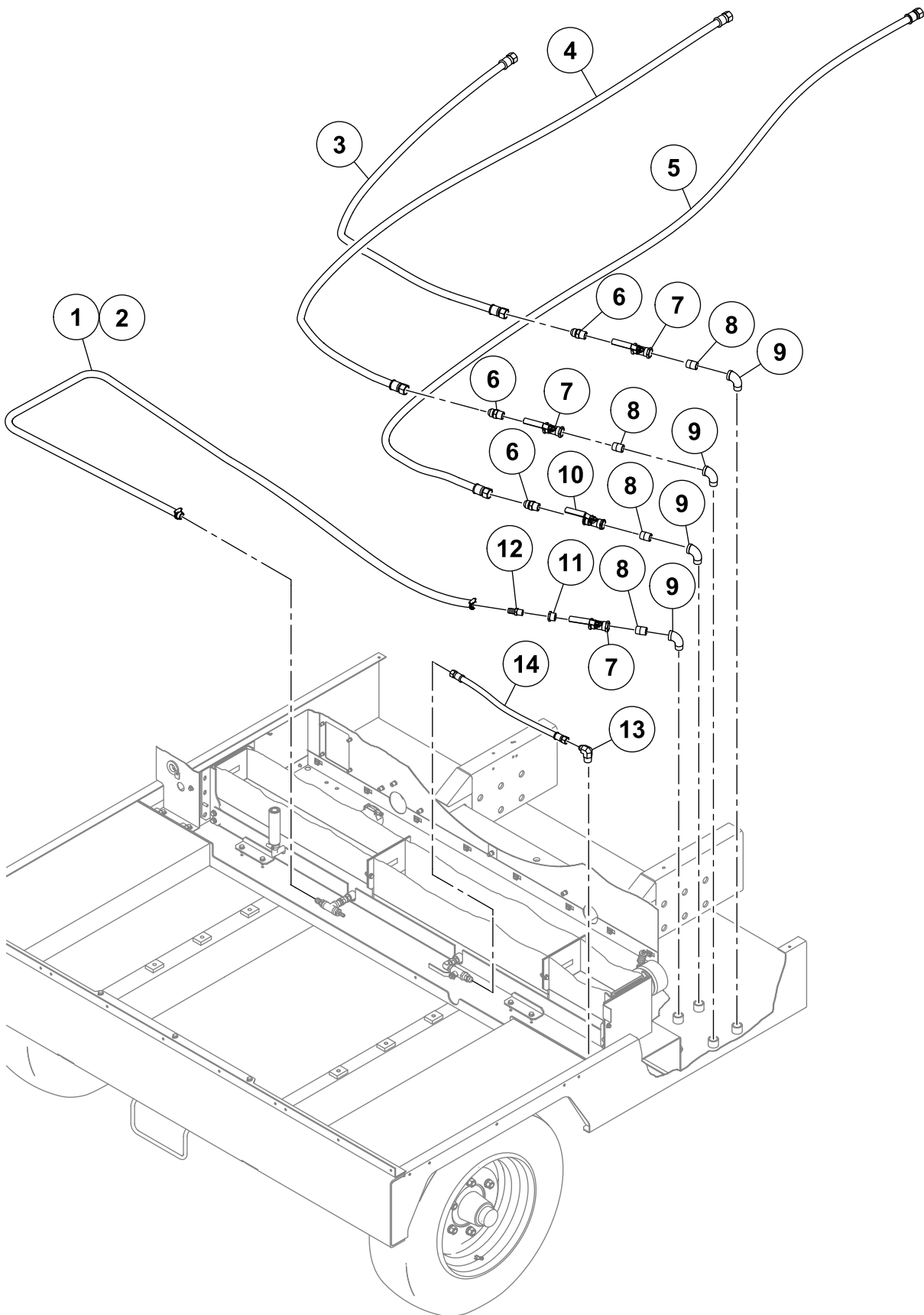
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	54735204	Bracket, XHP IQ Filter Mounting	2	Not Shown
2	96730411	Screw, Hex, M10 - 1.5 X 60	4	
3	95935037	Washer, Flat, 3/8"	4	
4	36880995	Screw, Hex Flange, M10 - 1.5 X 30	8	
5	46585559SB	Bracket, IQ Filter Mounting	1	
6	36879195	Nut, Hex Flange, M10 - 1.5	8	
7	46552079	Nipple, 2" NPT X 17-1/2"	1	
8	54731617	Separator, Moisture, XHP	1	
9	95245353	Bushing, Reducer, 1/2" NPT X 3/8"	1	
10	95772562	Nipple, 3/8" NPT X 1"	1	
11	46612699	Y-Strainer, 3/8" NPT	1	
12	46547915	Bushing, Reducer, 3/8" NPT X 1/4" NPTF	1	
13	36841526	Heater, Hex, 3/4", 24VDC	1	
14	37081528	Fitting, Orifice, 1/16"	1	
15	46547956	Connector, 1/4" NPT X -6 JIC	1	
16	46595800	Hose, -6 JIC X 100"	1	
	46674248	Harness, AC Option	1	

Central Drains, Tandem



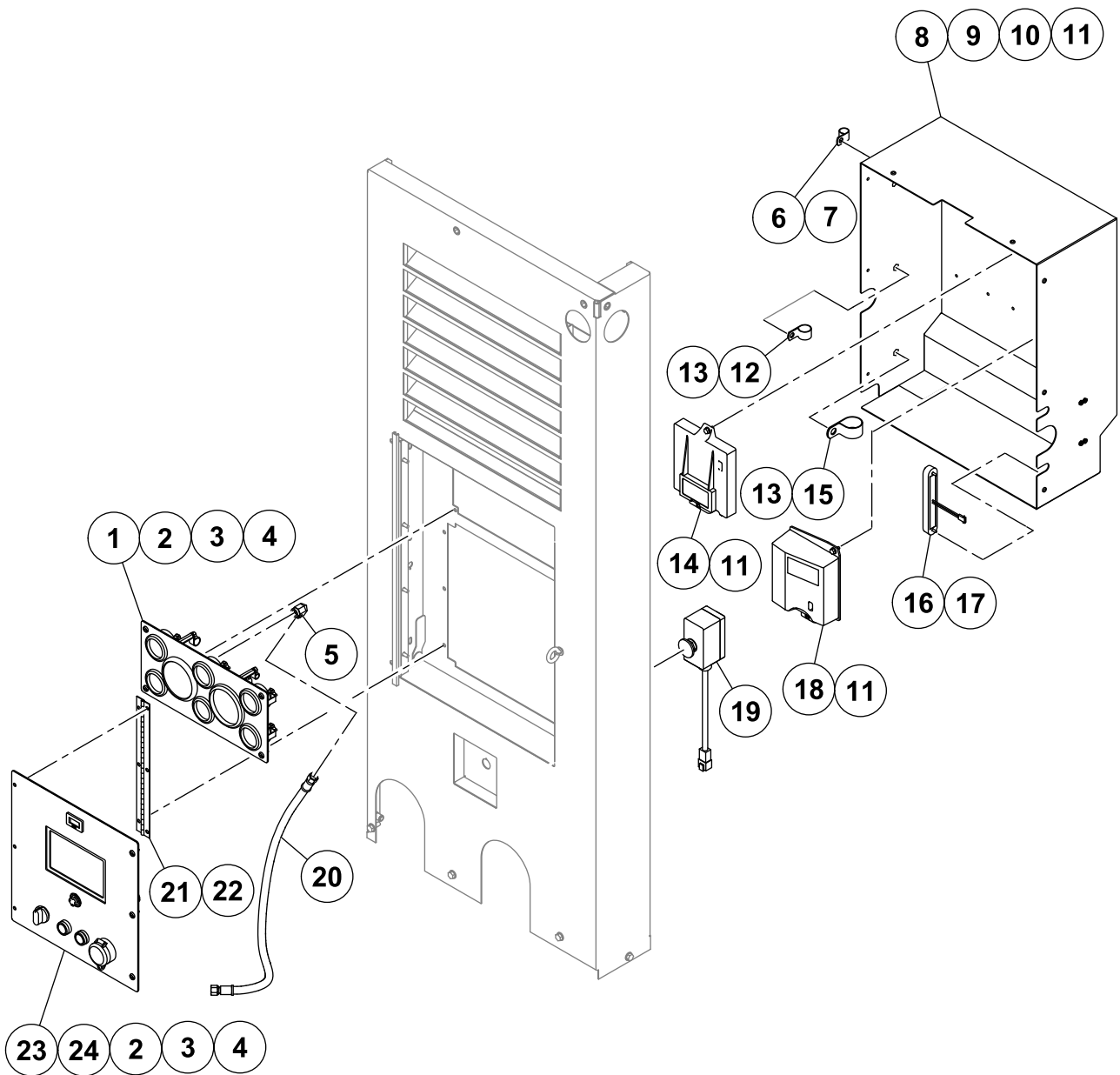
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	22063937	Elbow, 90° Street M27 - 2.0 X -12 JIC	1	Measured In Inches
2	35323880	Hose, -12 JIC X 79"	1	
3	36898328	Hose, -12 JIC X 138"	1	
4	95219747	Connector, 3/4" NPT X -12 JIC	3	
5	35576115	Valve, Ball 3/4" NPT	3	
6	95928040	Nipple, Pipe 3/4"	4	
7	95928172	Elbow, 90° Street 3/4" NPT	4	
8	36878254	Hose, -12 JIC X 175"	1	
9	46654795	Valve, Ball, 3/4" NPT	1	
10	46641379	Clamp, Hose #10	2	
11	46652351	Hose, Silicone, Coolant 5/8" ID	130	
12	35326560	Adapter, Heater Hose	1	
13	95953949	Bushing, Reducer 3/4" NPT X 1/2" FNPT	1	
14	35306679	Hose, -8 JIC X 56"	1	
15	35287911	Elbow, 90° -8 JIC Swivel	1	
16	95219739	Connector, 3/4" NPT X -8 JIC	1	

Central Drains, Wagon



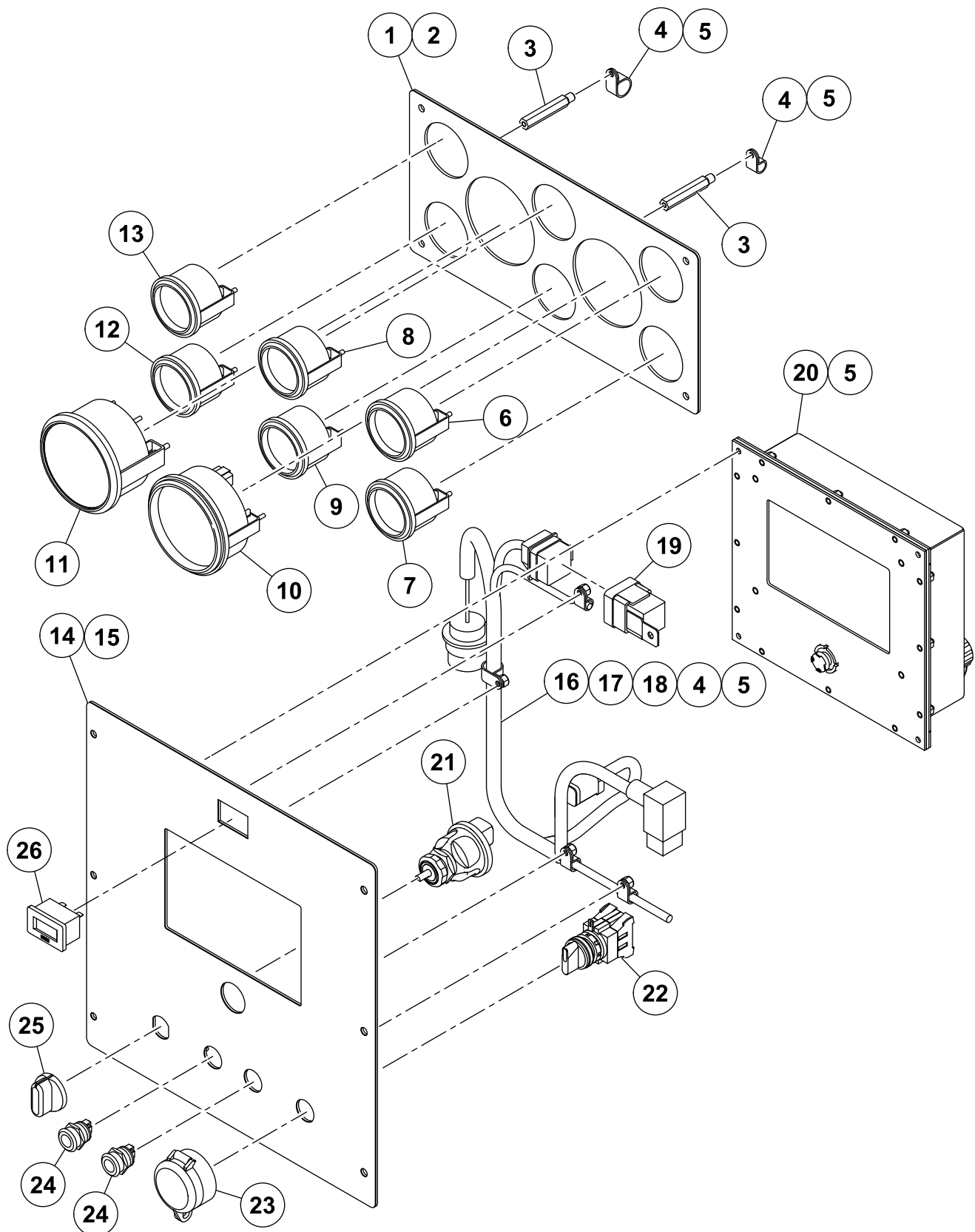
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46652351	Hose, Silicone, Coolant 5/8" ID	130	Measured In Inches
2	46641379	Clamp, Hose #10	2	
3	35323880	Hose, -12 JIC X 79"	1	
4	36898328	Hose, -12 JIC X 138"	1	
5	36878254	Hose, -12 JIC X 175"	1	
6	95219747	Connector, 3/4" NPT X -12 JIC	3	
7	35576115	Valve, Ball 3/4" NPT	3	
8	95928040	Nipple, Pipe 3/4"	4	
9	95928172	Elbow, 90° Street 3/4" NPT	4	
10	46654795	Valve, Ball, 3/4" NPT	1	
11	95953949	Bushing, Reducer 3/4" NPT X 1/2" FNPT	1	
12	35326560	Adapter, Heater Hose	1	
13	35287044	Elbow, 90° -8 JIC X 3/4" NPTF	1	
14	35288026	Hose, -8 JIC X 23"	1	

Electrical System, Control Panel Installation



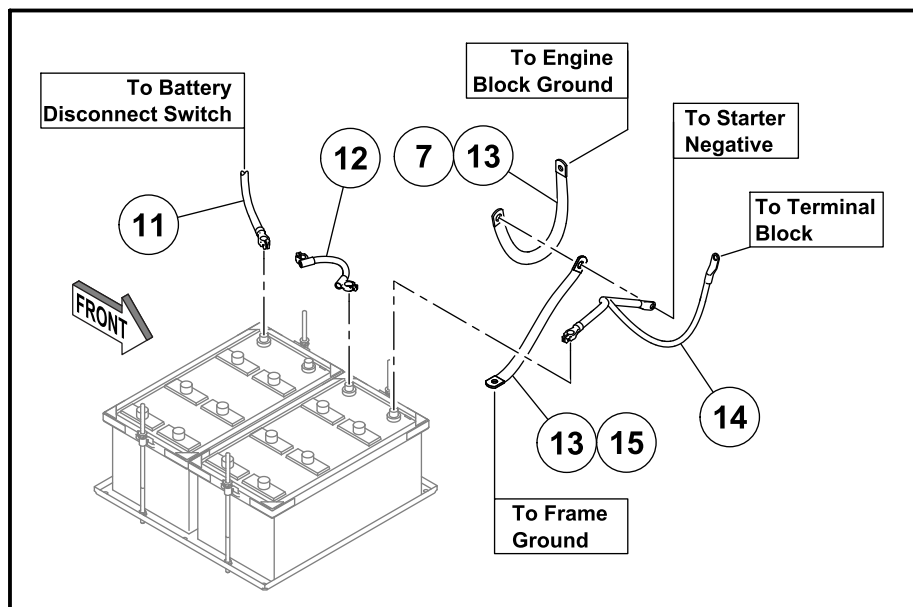
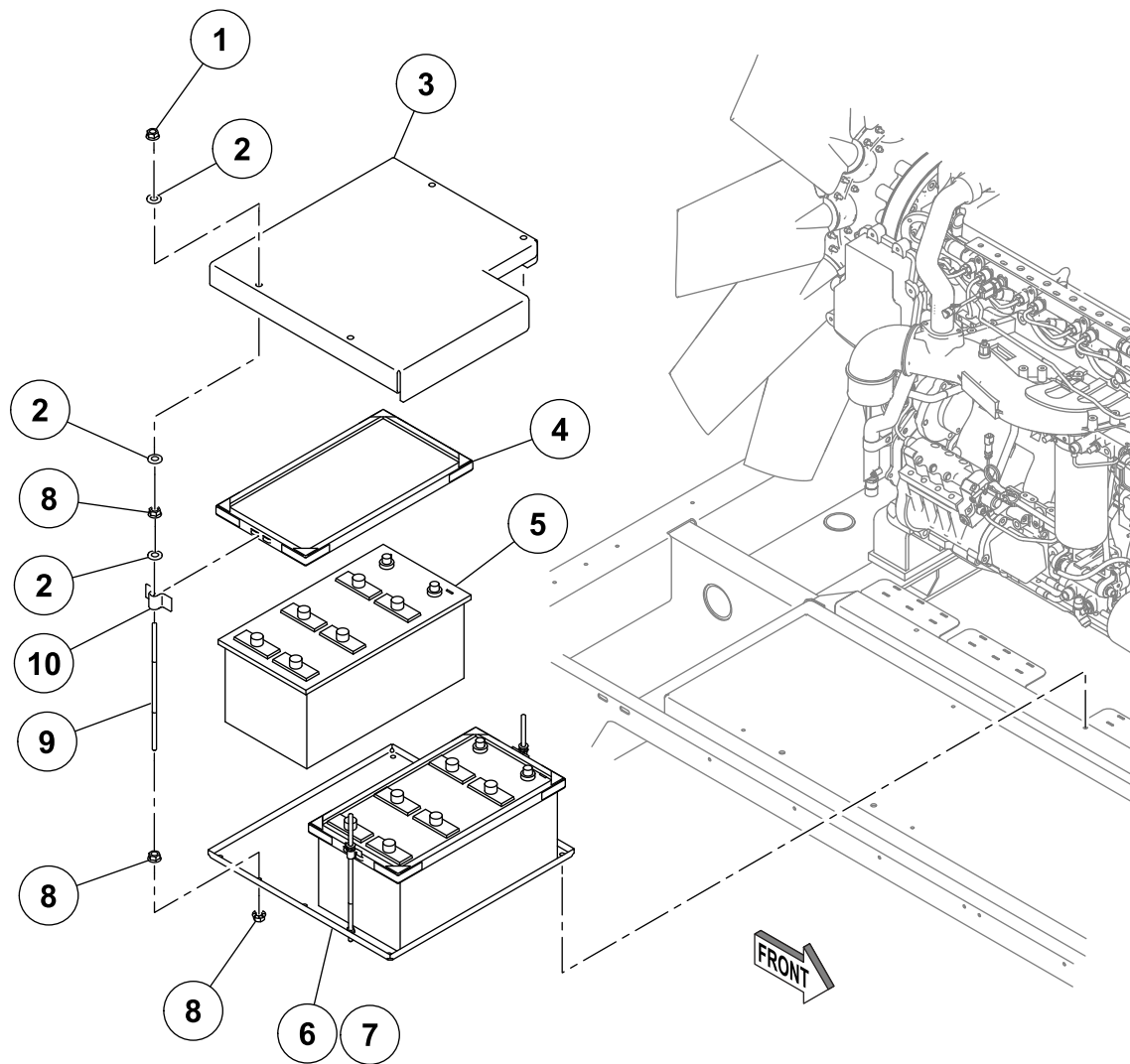
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46636563	Panel Assembly, 8 Gauge	1	IQ/AC Only
2	35256429	Screw, Slotted Head Quarter-Turn, 1/4"	7	
3	35256445	Retainer	14	
4	35256452	Receptacle, Quarter-Turn Clip-On	7	
5	35280098	Elbow, 90° 1/4" NPTF X - 6JIC	1	
6	35225077	Clamp, 11/16" ID Rubber Coated Support	1	
7	96727193	Screw, Hex M08 - 1.25 X 20	1	
8	46652291SA	Cover, Instrument Panel Rear	1	
9	36921344	Nutsert, Hex M06 - 1.0	2	
10	36895746	Nutsert, Hex M08 - 1.25	3	
11	92368687	Screw, Hex M06 - 1.0 X 14	12	
12	35225085	Clamp, 15/16" ID Rubber Coated Support	1	
13	36889608	Screw, Hex M08 - 1.25 X 25	2	
14	46651420	Controller, Titan Large Compressor	1	
15	35114057	Clamp, 1 1/2" ID Rubber Coated Support	1	
16	46582799	Lamp, Utility 12/24 VDC	1	
17	22068282	Screw, Tapping M04 X 25	2	
18	46656946	Controller Assembly, IQ TCU	1	
19	23281017	E-Stop Assembly	1	
20	35282987	Hose, - 6 JIC X 34"	1	
21	36845725	Hinge, Panel SST	1	
22	36898104	Nut, Hex, M06 - 1.0	6	
23	46663260	Panel Assembly, Operator T4F	1	
24	96738844	Screw, Hex Socket M06 - 1.0 X 20	6	
	46621799	Harness, Panel Lamp Extension	1	Not Shown

Electrical System, Operator And Gauge Panels



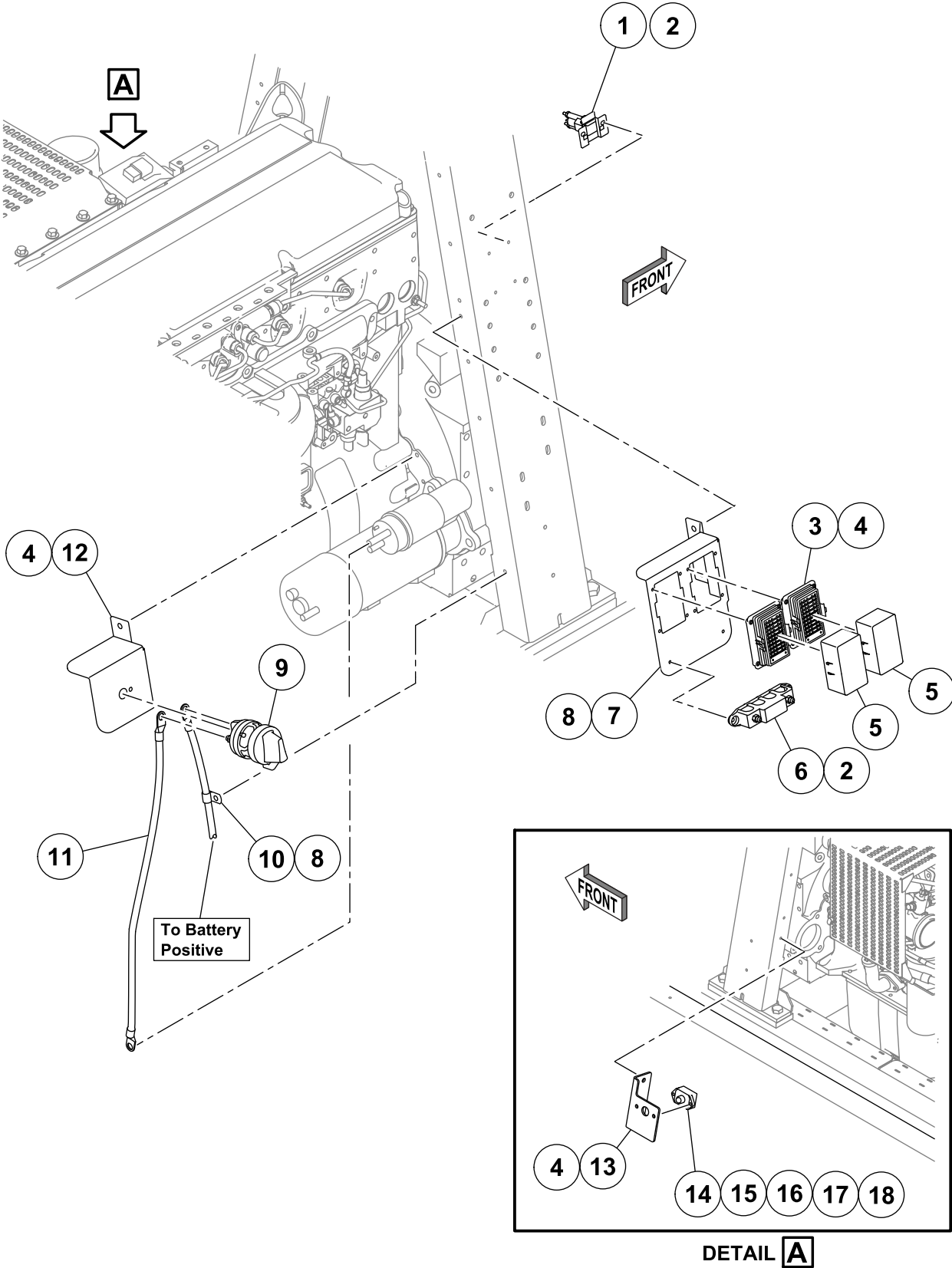
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46636560	Panel, Base Gauge J1939 T4F	1	
2	46636561	Laminate, Gauge Panel J1939 T4F	1	
3	46569259	Standoff, Male-Female 3/8" Hex 10 - 32	2	
4	46564986	Clamp, Cable Nylon 5/8"	1	
5	95928800	Nut, Hex #10 - 32 Stainless Steel	2	
6	46558804	Gauge, Engine Coolant Temperature	1	
7	46558803	Gauge, Engine Oil Pressure	1	
8	46565479	Gauge, Fuel Level	1	
9	46636464	Gauge, Def Level	1	
10	46558802	Gauge, Tachometer	1	
11	46558799	Gauge, Pressure Mechanical	1	
12	46558805	Gauge, Voltmeter 24VDC	1	
13	46558806	Gauge, Airend Discharge Temperature	1	
14	46663261	Panel, Base Operator Panel	1	
15	46663263	Laminate, Operator Panel	1	
16	46641571	Harness, Operator Panel	1	
17	46564984	Clamp, Cable Nylon 5/16"	1	
18	46564985	Clamp, Cable Nylon 3/8"	2	
19	36892362	Relay, 24V SPDT	1	
20	46594302	Viewport Assembly	1	
21	46641633	Switch, Selector 3 Position	1	
22	46556142	Switch, Selector 3-Position	1	
23	46556145	Cover, Switch Padlockable	1	
24	46663130	Switch, Momentary S.S.	2	
25	46643146	Knob, Control With Set-Screw	1	
26	46557109	Hourmeter, Digital	1	
	46636660	Harness, T4F J1939 Gauge Panel	1	Not Shown
	46599319	Kit, Tachometer Connector Repair	1	Not Shown
	46577599	Harness, Viewport	1	Not Shown
	46599309	Kit, Viewport Connector Repair	1	Not Shown
	46621799	Harness, Panel Lamp Extension	1	Not Shown

Electrical System, Battery Installation



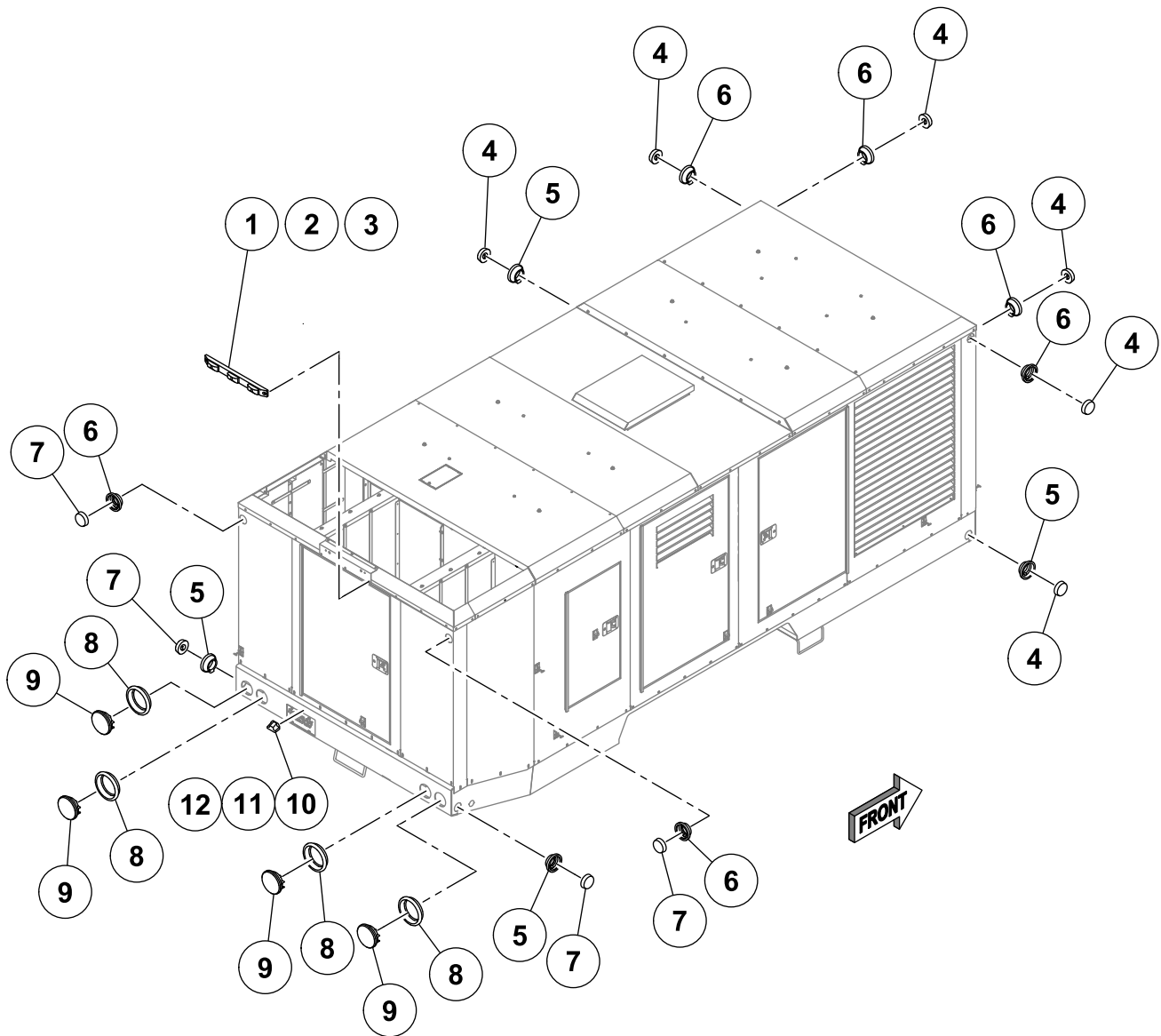
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	95923322	Nut, Hex Nylon Insert 3/8" - 16	4	
2	95935037	Washer, Flat 3/8" ID	12	
3	54706825SB	Cover, Battery	1	
4	35562156	Frame, Battery Holder	2	
5	35225788	Battery, 12 VDC	2	
6	36870350SB	Tray, Battery	1	
7	35279025	Screw, Tapping M08 - 1.25 X 20	3	
8	35145077	Nut, Hex Lock Washer 3/8" - 16	12	
9	54715479	Stud, Battery	4	
10	35108216	Clip, Battery Frame	4	
11	46590419	Cable, Battery Positive 1750mm	1	
12	35128982	Cable, Battery Jumper 200mm	1	
13	36783488	Strap, Ground	2	
14	46590420	Cable, Battery Negative 450mm	1	
15	35130293	Screw, Tapping 3/8" - 16 X 3/4"	1	

Electrical System, Fuse Block and Relay Mounting



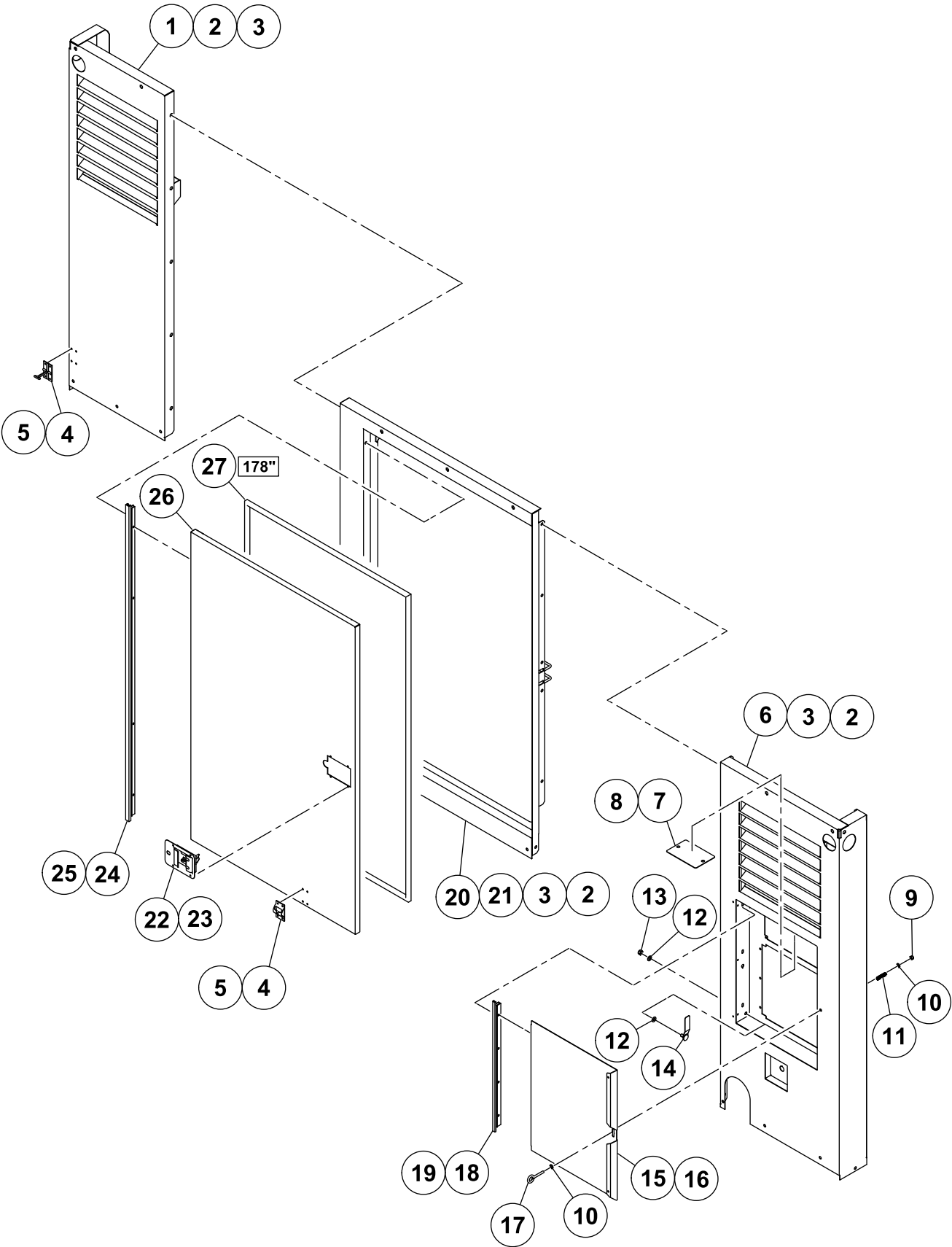
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36853521	Relay, 24V SPST 100 A	1	
2	92368687	Screw, Tapping M06 - 1.0 X 14	2	
3	46556356	Fuse, Relay Center	1	
4	36842102	Screw, Tapping 10 - 32 X 1"	4	
5	23366172	Cover, Fuse/Relay Center	2	
6	46567039	Block, Terminal 4-Point 3/8" Stud	1	
7	46587019SB	Bracket, Fuse Block & Terminal Block	1	
8	35279025	Screw, Tapping M08 - 1.25 X 20	10	
9	46556146	Switch, Battery Disconnect	1	
10	35225077	Clamp, Support 9/16" Rubber Coated	1	
11	46590421	Cable, Battery Positive Stud to Stud 525mm	1	
12	46574679SB	Bracket, Battery Disconnect	1	
13	46653661SB	Bracket, Circuit Breaker	1	
14	46615979	Breaker, Thermal Circuit 150A	1	
15	95934816	Screw, Hex 1/4" - 20 X 1"	2	
16	95923298	Nut, Hex 1/4" - 20	2	
17	22318125	Washer, Lock, M06 SST	2	
18	95923058	Nut, Hex, 1/4" UNF	2	

Electrical System, Lighting, Tandem



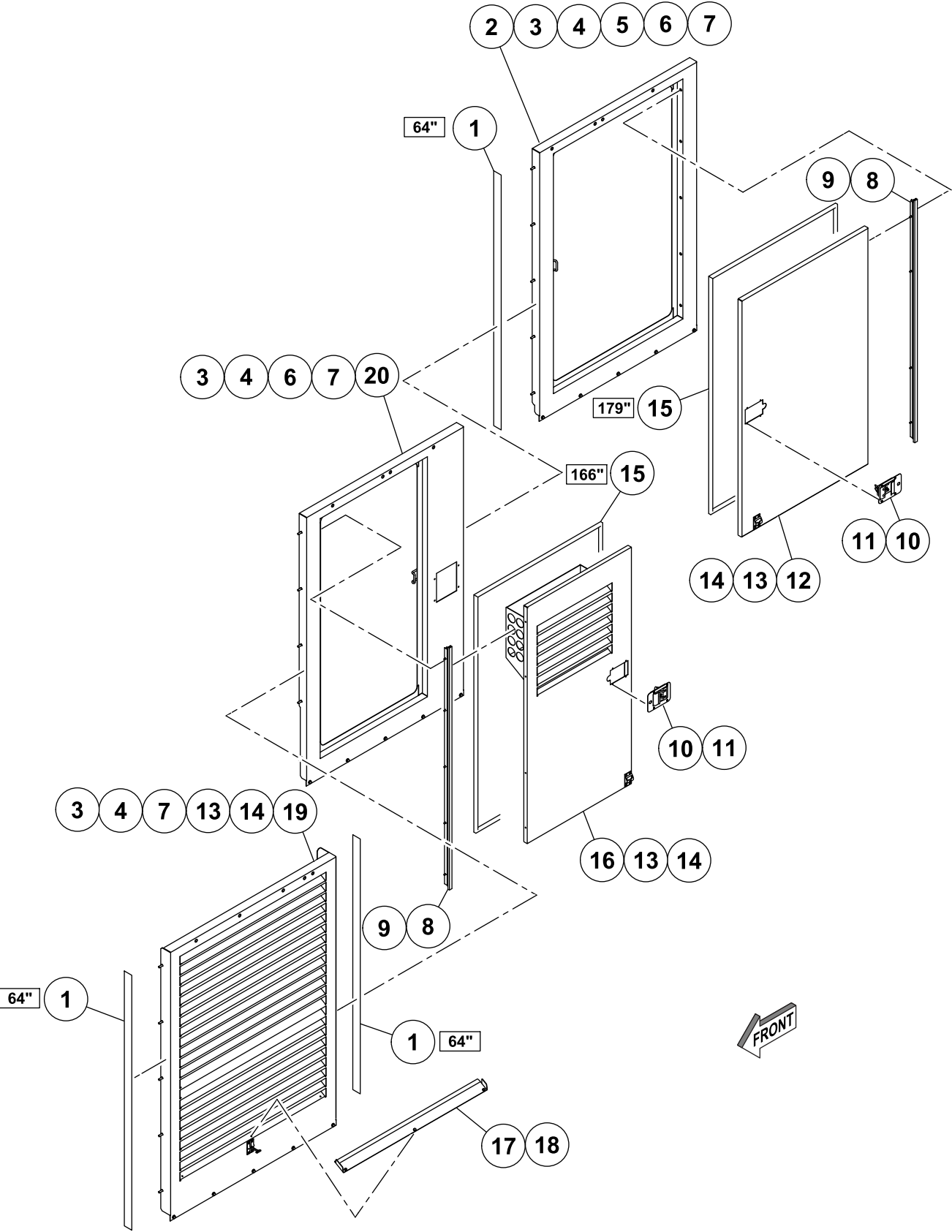
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36922144	Light, Identification	1	
2	95922126	Screw, Round Head Slotted #10 - 24 X 5/8"	2	
3	35265388	Nut, Hex Flange Nylon Insert #10 - 24	2	
4	35367051	Lamp, Clearance Yellow	6	
5	36893642	Grommet, Clearance Lamp	4	
6	36893634	Grommet, Clearance Lamp	6	
7	35367044	Lamp, Clearance Red	4	
8	36787968	Grommet, Reflector	4	
9	36788081	Lamp, Stop - Turn & Tail	4	
10	36895860	Light, License	1	
11	95942611	Screw, Panhead Phillips 10 - 32 X 7/8"	2	
12	95928800	Nut, Hex 10 - 32	2	

Enclosure, Standard, Front



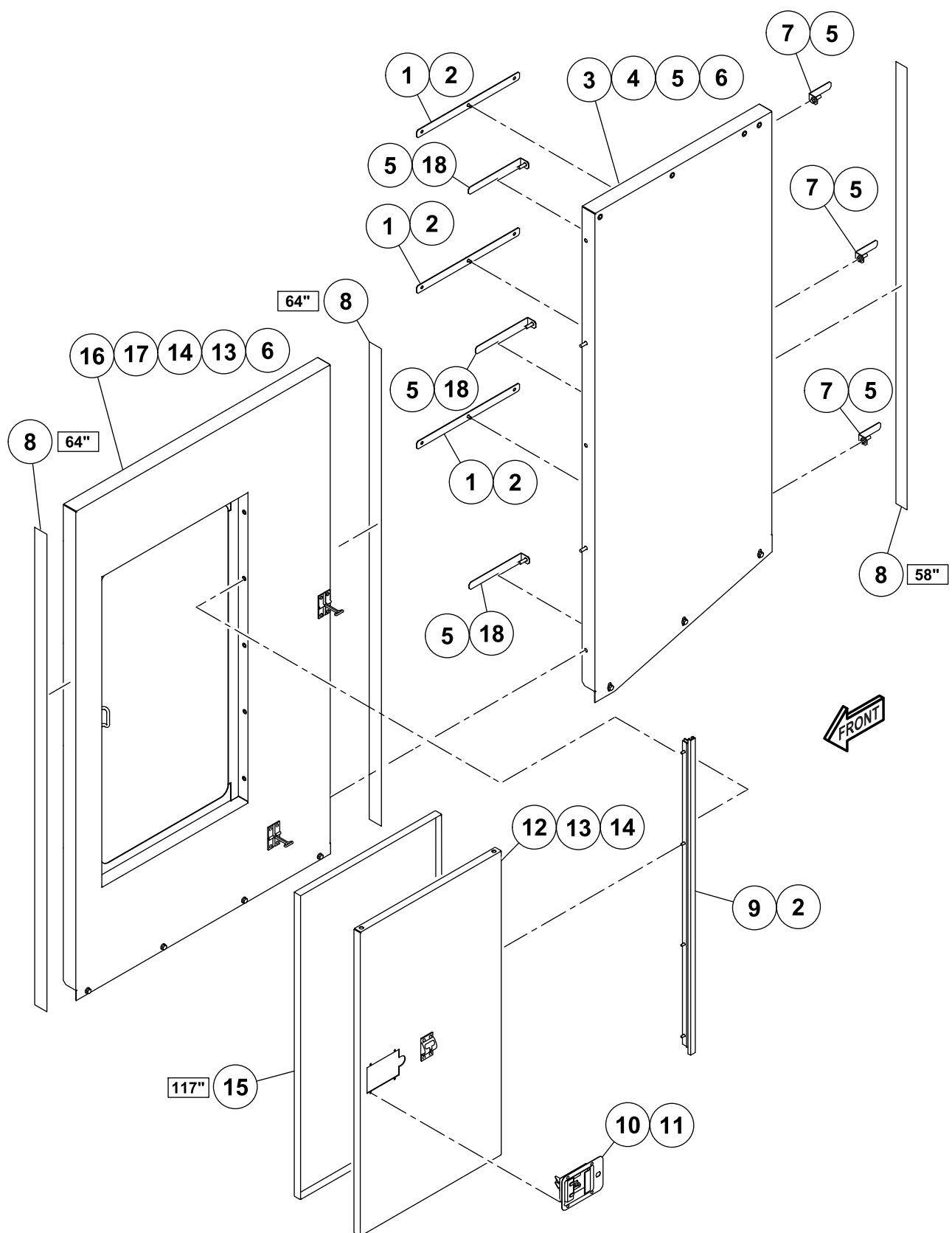
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46622960GA	Panel, Front, Curbside	1	Standard Air IQ/AC Option Only
2	36895746	Nutsert, Hex, M08 - 1.25	30	
3	35279025	Screw, Tapping, M08 - 1.25 X 20	12	
4	36849925	Holder, Door, T-Latch, 2 - 1/2"	1	
5	36843282	Rivet, 0.19" Dia.	8	
6	46613540GA	Panel, Front, Streetside, Control	1	
	46622968GA	Panel, Front, Streetside, Control	1	
7	46556466	Plate, Serial Number	1	
8	36794816	Rivet, 0.187" Dia.	2	
9	95923314	Nut, Locking, 5/16" - 18	1	
10	95934998	Washer, Flat, 5/16" ID	3	
11	35327311	Spring, Eyebolt	1	
12	95935037	Washer, Flat, 3/8" ID	2	
13	35273366	Nut, Locking, M10 - 1.5	1	
14	35603349	Holder, Door	1	
15	46568879GA	Door, Control Panel	1	
16	36865293	Bumper, Rubber	2	
17	35327303	Eyebolt, 5/16" - 18	1	
18	46568880	Hinge, Operator Panel Door	1	
19	92368687	Screw, Tapping, M06 - 1.0 X 14	7	
20	46620521GA	Frame, Front Door	1	
21	36889608	Screw, Hex, M08 - 1.25 X 25	11	
22	36793602	Latch, Door	1	
23	36794816	Rivet, 0.187" Dia.	4	
24	46557279	Hinge, Door	1	
25	36797652	Screw, Tapping, M06 - 1.0 X 12	9	
26	46620443GA	Door, Front	1	
27	36774495	Seal, Door	178	Measured in Inches

Enclosure, Standard, Streetside



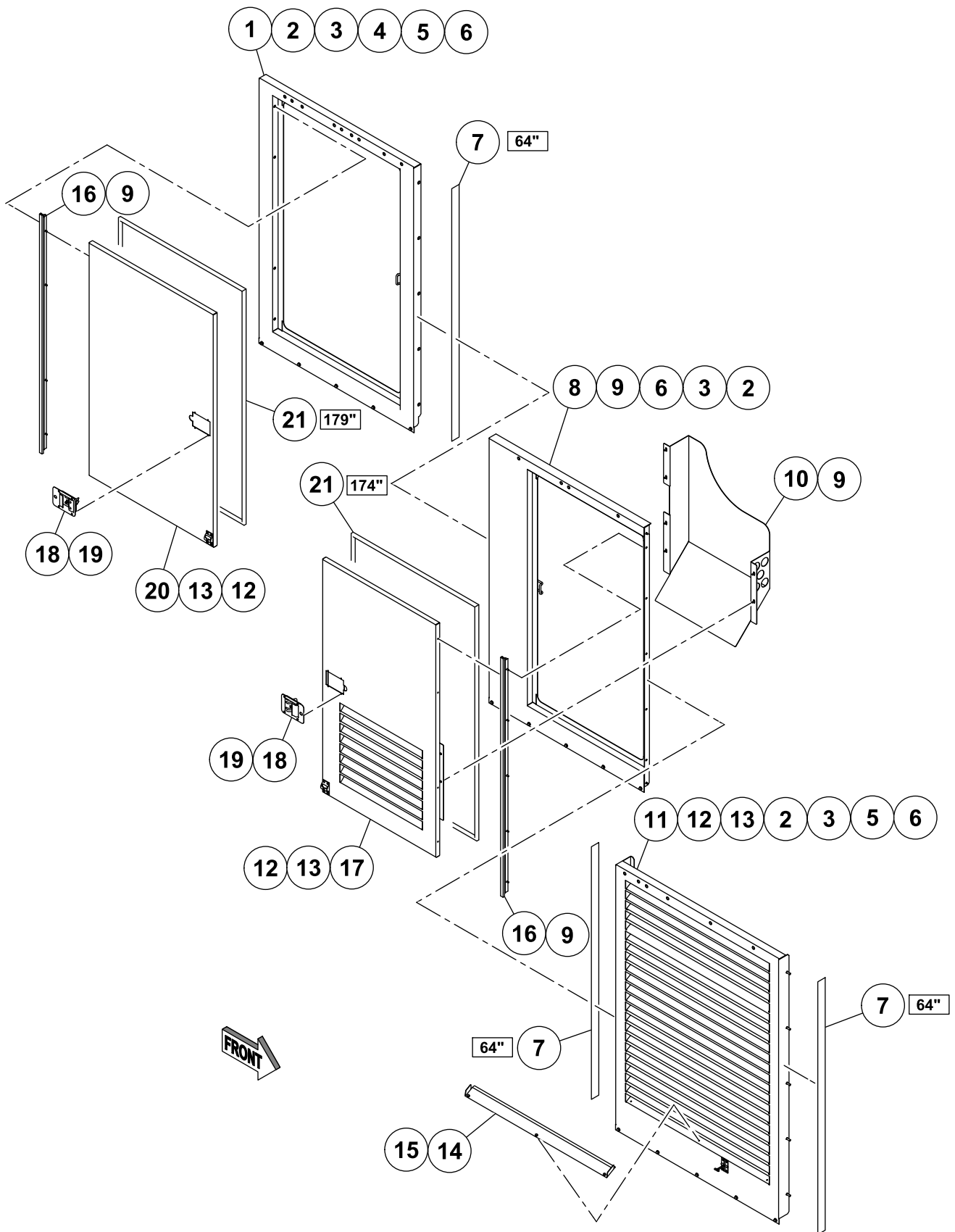
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	22617666	Seal, Rubber, 3 X 10 mm	192	Measured in Inches
2	46556378GA	Frame, Door Streetside Rear	1	
3	36895746	Nutsert, Hex, M08 - 1.25	30	
4	36889608	Screw, Flange, M08 - 1.25 X 25	15	
5	35144336	Screw, Hex, 5/16" - 18 X 75"	1	
6	36921344	Nutsert, Hex, M06 - 1.0	12	
7	35279025	Screw, Tapping, M08 - 1.25 X 20	14	
8	46557279	Hinge, Door	2	
9	92368687	Screw, Tapping, M06 - 1.0 X 14	20	
10	36793602	Latch, Door	2	
11	36794816	Rivet, 0.187" Dia.	8	
12	46556379GA	Door, Side Access	1	
13	36849925	Holder, Door T-Latch 2.50	3	
14	36843282	Rivet, 0.19 Dia. ID	12	
15	36774495	Seal, Door	345	Measured in Inches
16	46651352GA	Door, Side Access	1	
17	46570459GA	Support, Drip Pan, Louvered, Streetside	1	
18	36797652	Screw, Tapping, M06 - 1.0 X 12	3	
19	46651713GA	Panel, Intake Louvered Streetside	1	
20	46651298GA	Frame, Door Streetside	1	

Enclosure, Tandem, Streetside, Rear



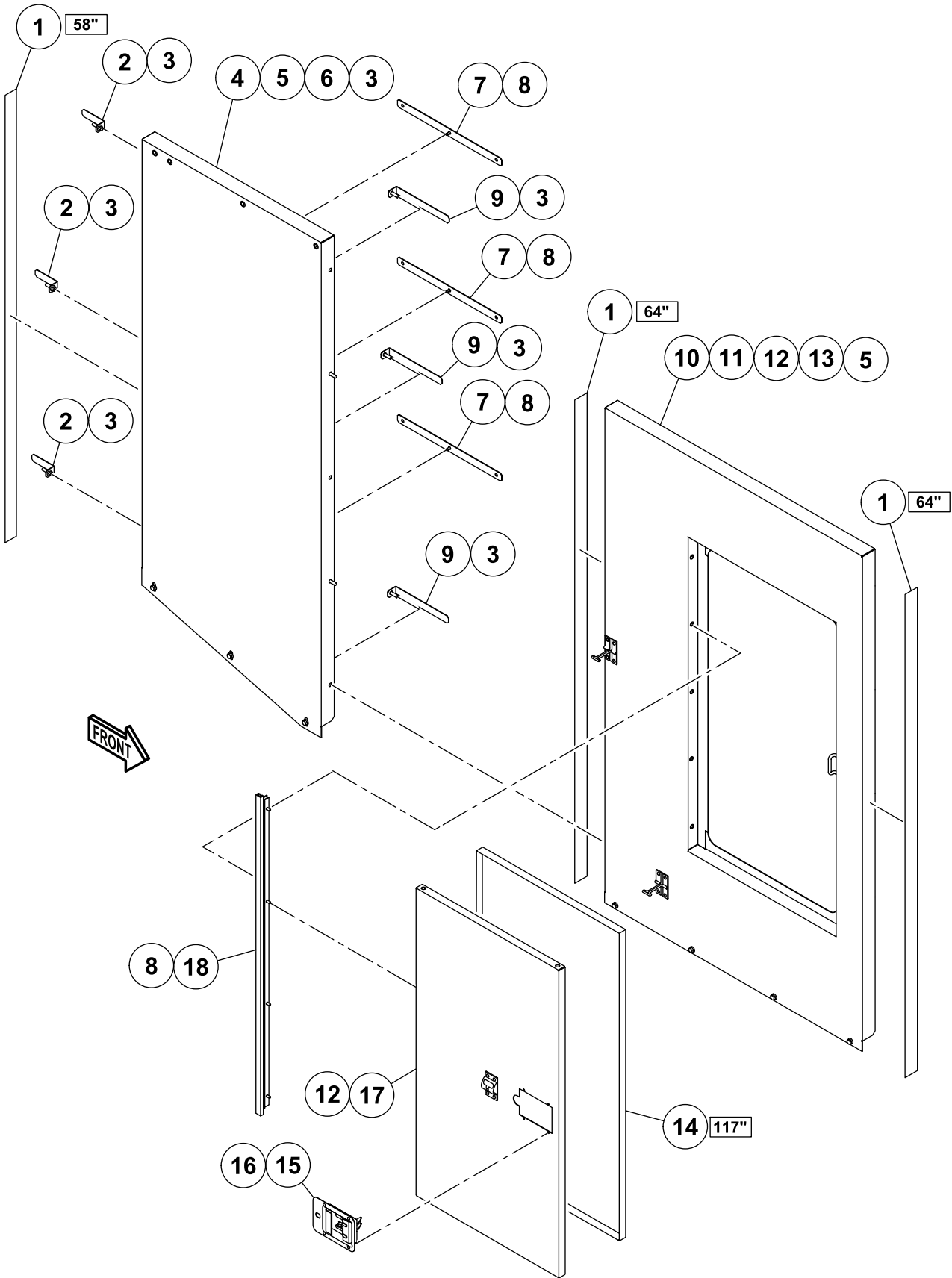
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	54718184	Strap, Foam Retention	3	
2	92368687	Screw, Tapping, M06 - 1.0 X 14	15	
3	46556397GA	Panel, Rear, Tandem, Streetside	1	
4	36895746	Nutsert, Hex, M08 - 1.25	18	
5	36889608	Screw, Flange, M08 - 1.25 X 25	18	
6	35144336	Screw, Hex, 5/16" - 18 X 75"	7	
7	46595139	Strap, Fiberglass Panel Retention, Short, 2"	3	
8	22617666	Seal, Rubber, 3 X 10 mm	186	Measured in Inches
9	46559799	Hinge, Cooler Door Access	1	
10	36793602	Latch, Door	1	
11	36794816	Rivet, 0.187" Dia.	4	
12	46559800GA	Door, Cooler Access	1	
13	36849925	Holder, Door T-Latch 2.50	2	
14	36843282	Rivet, 0.19 Dia. ID	12	
15	36774495	Seal, Door	117	Measured in Inches
16	46622965GA	Frame, Door, Cooler Access, Streetside	1	
17	36921344	Nutsert, Hex, M06 - 1.0	5	
18	46595520	Strap, Fiberglass Panel Retention, Long, 2"	3	

Enclosure, Standard, Curbside



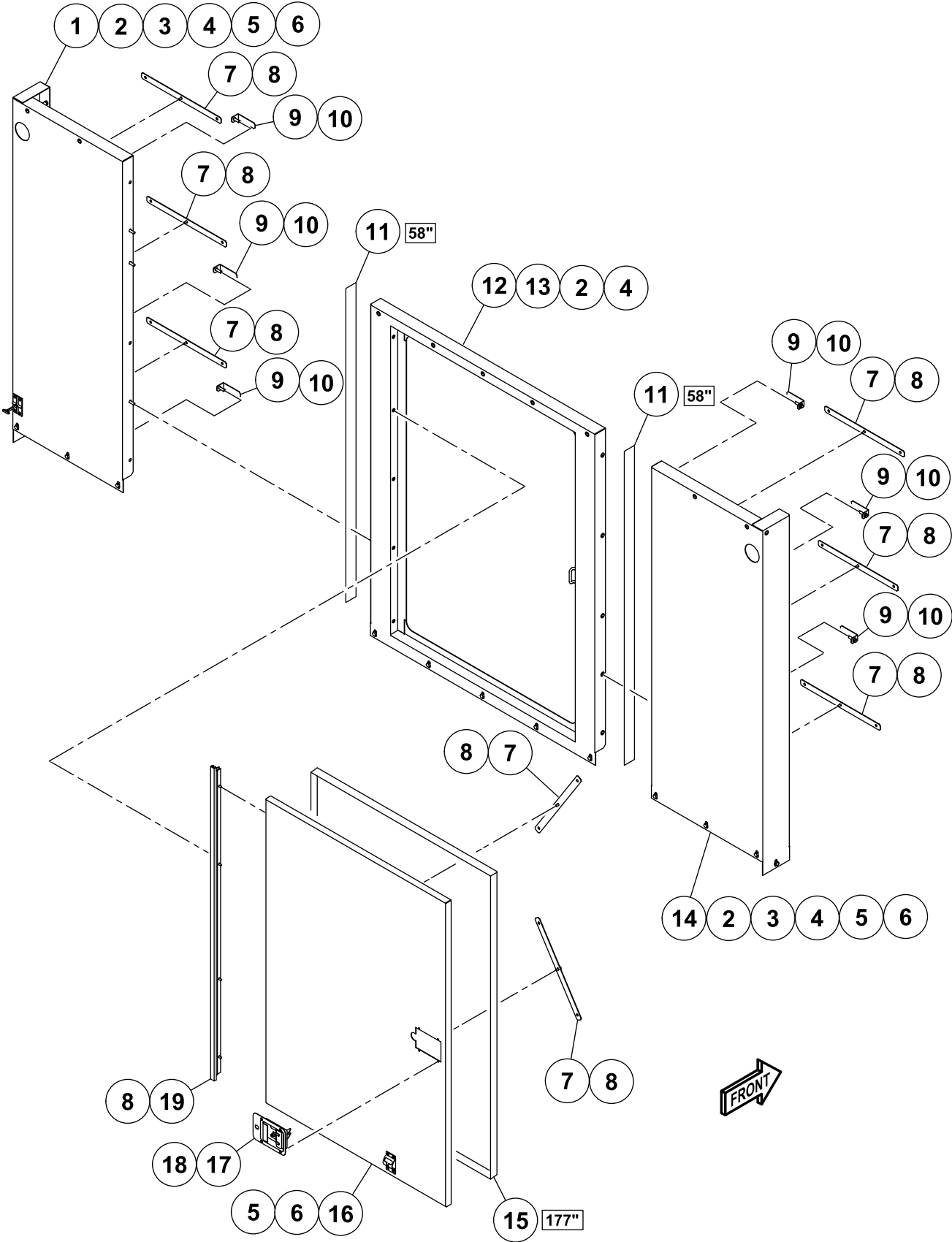
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46622963GA	Frame, Door Side	1	Measured in Inches
2	36895746	Nutsert, Hex, M08 - 1.25	25	
3	36889608	Screw, Flange, M08 - 1.25 X 25	15	
4	35144336	Screw, Hex, 5/16" - 18 X 75"	1	
5	36921344	Nutsert, Hex, M06 - 1.0	15	
6	35279025	Screw, Tapping, M08 - 1.25 X 20	24	
7	22617666	Seal, Rubber, 3 X 10 mm	192	
8	46663201GA	Frame, Door Curbside	1	
9	92368687	Screw, Tapping, M06 - 1.0 X 14	17	
10	46663053GA	Baffle, Door Side	1	
11	46622961GA	Panel, Intake Louvered Curbside	1	Measured in Inches
12	36849925	Holder, Door T-Latch 2.50	3	
13	36843282	Rivet, 0.19 Dia. ID	12	
14	46568319GA	Support, Drip Pan, Louvered, Curbside	1	
15	36797652	Screw, Tapping, M06 - 1.0 X 12	3	
16	46557279	Hinge, Door	2	
17	46663052GA	Door, Side, Louver Bottom	1	
18	36793602	Latch, Door	2	
19	36794816	Rivet, 0.187" Dia.	8	
20	46663101GA	Door, Side Access, Hinge, LH	1	
21	36774495	Seal, Door	353	

Enclosure, Tandem, Curbside, Rear



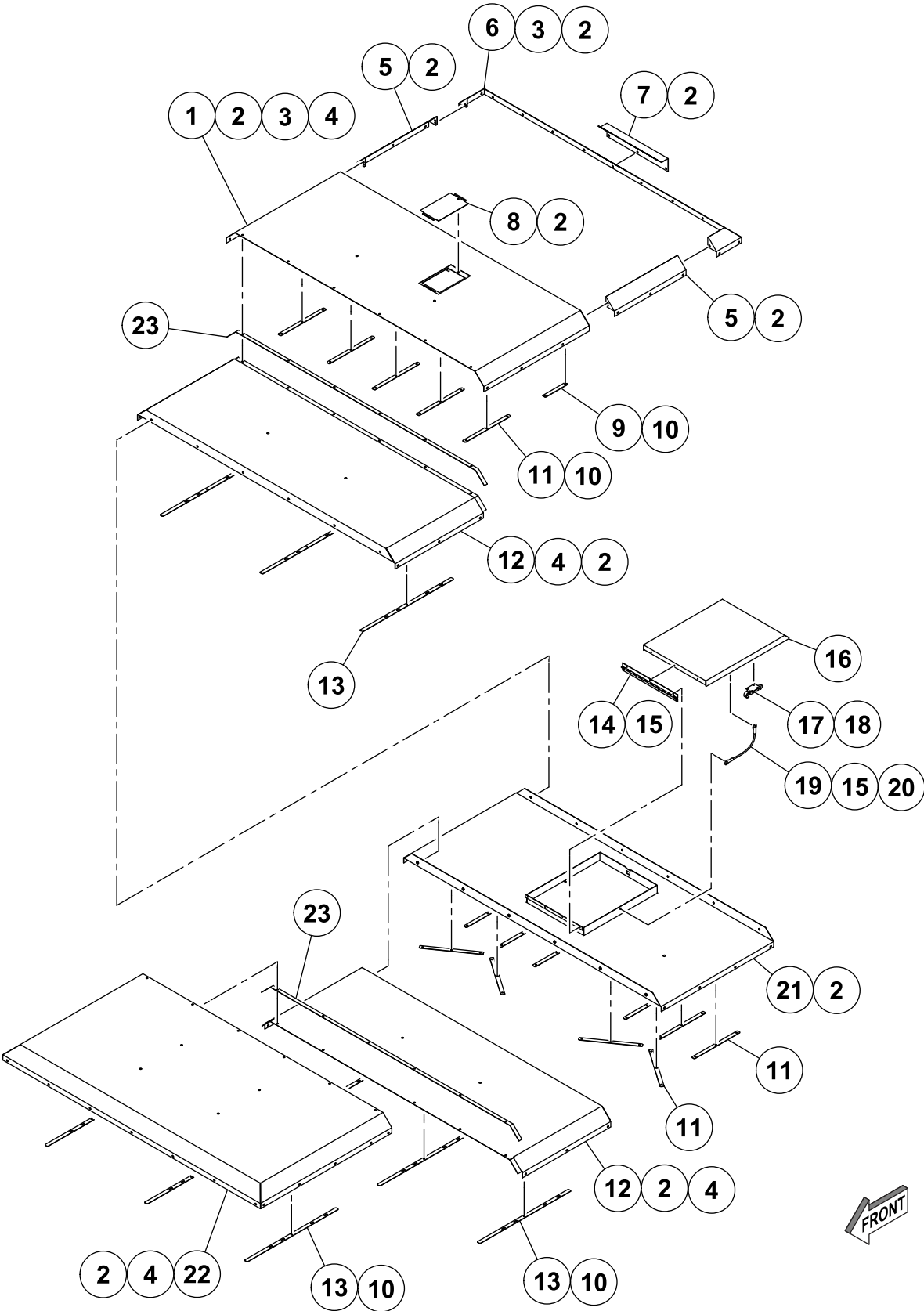
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	22617666	Seal, Rubber, 3 X 10 mm	186	Measured in Inches
2	46595139	Strap, Fiberglass Panel Retention, Short, 2"	3	
3	36889608	Screw, Flange, M08 - 1.25 X 25	18	
4	46556398GA	Panel, Rear, Tandem, Curbside	1	
5	36895746	Nutsert, Hex, M08 - 1.25	18	
6	35144336	Screw, Hex, 5/16" - 18 X 75"	7	
7	54718184	Strap, Foam Retention	3	
8	92368687	Screw, Tapping, M06 - 1.0 X 14	12	
9	46595520	Strap, Fiberglass Panel Retention, Long, 2"	3	
10	46622964GA	Frame, Door, Cooler Access, Curbside	1	
11	36921344	Nutsert, Hex, M06 - 1.0	5	
12	36849925	Holder, Door T-Latch 2.50	2	
13	36843282	Rivet, 0.19 Dia. ID	12	
14	36774495	Seal, Door	117	Measured in Inches
15	36793602	Latch, Door	1	
16	36794816	Rivet, 0.187" Dia.	4	
17	46559800GA	Door, Cooler Access	1	
18	46559799	Hinge, Cooler Door Access	1	

Enclosure, Tandem, Rear



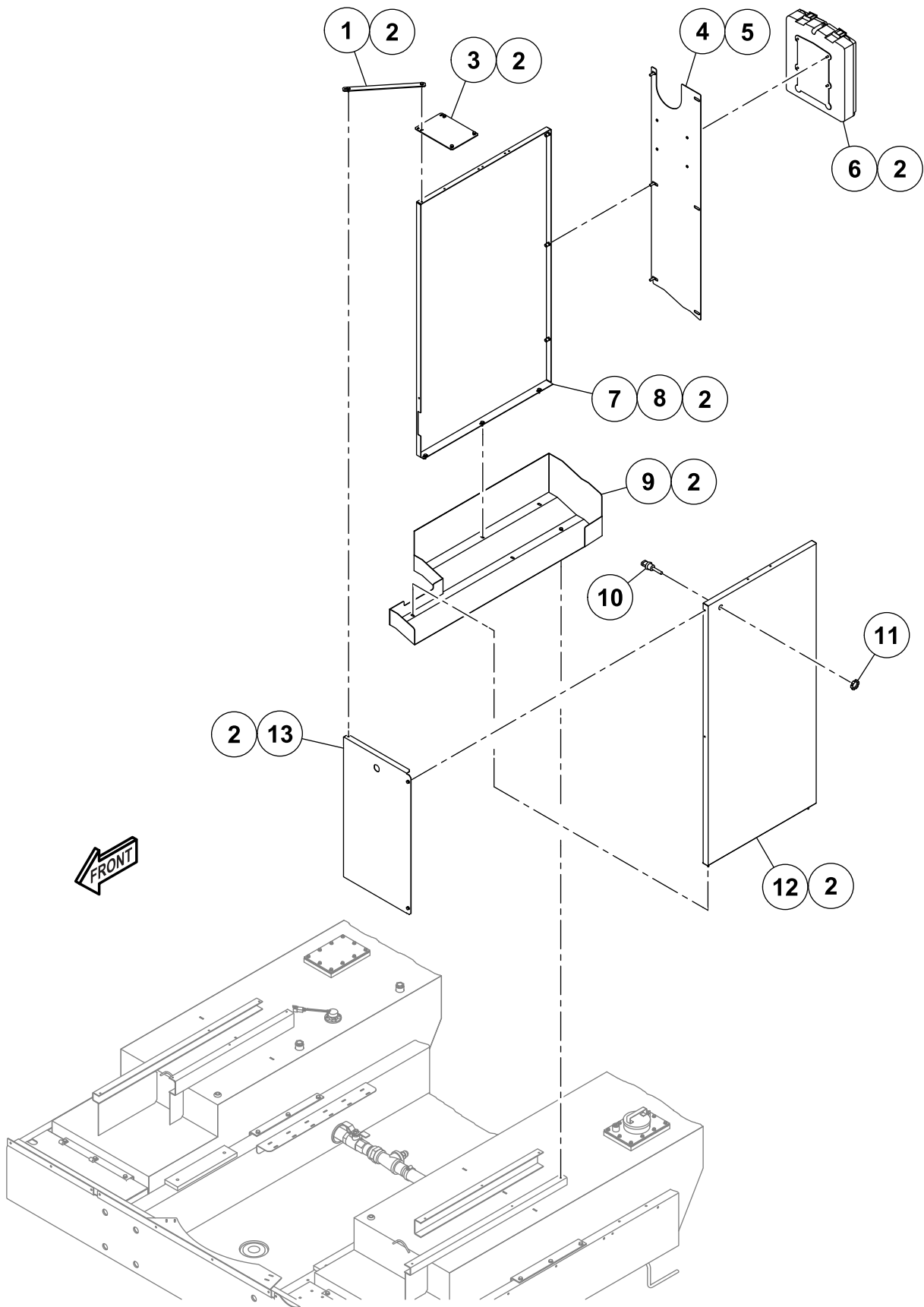
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46556382GA	Panel, Rear Corner, Tandem, Streetside	1	Measured in Inches
2	36895746	Nutsert, Hex, M08 - 1.25	33	
3	35144336	Screw, Flange, 5/16" - 18 X 75	2	
4	35279025	Screw, Tapping, M08 - 1.25 X 20	11	
5	36849925	Holder, Door, T-Latch 2.50	1	
6	36843282	Rivet, 0.19 Dia. ID	8	
7	54718184	Strap, Foam Retention	8	
8	92368687	Screw, Tapping, M06 - 1.0 X 14	17	
9	46595139	Strap, Fiberglass Panel Retention, Short, 2"	6	
10	36889608	Screw, Hex, M08 - 1.25 X 25	10	
11	22617666	Seal, Rubber, 3 X 10 mm	116	
12	46556388GA	Frame, Rear Door, Tandem	1	
13	36921344	Nutsert, Hex, M06 - 1.0	4	
14	46556380GA	Panel, Rear, Tandem, Curbside	1	
15	36774495	Seal, Strip, Door	177	
16	46556389GA	Door, Rear, Tandem	1	
17	36793602	Latch, Door	1	
18	36794816	Rivet, 0.187" Dia.	4	
19	46556381	Hinge, Rear Door, Tandem	1	

Enclosure, Standard, Top



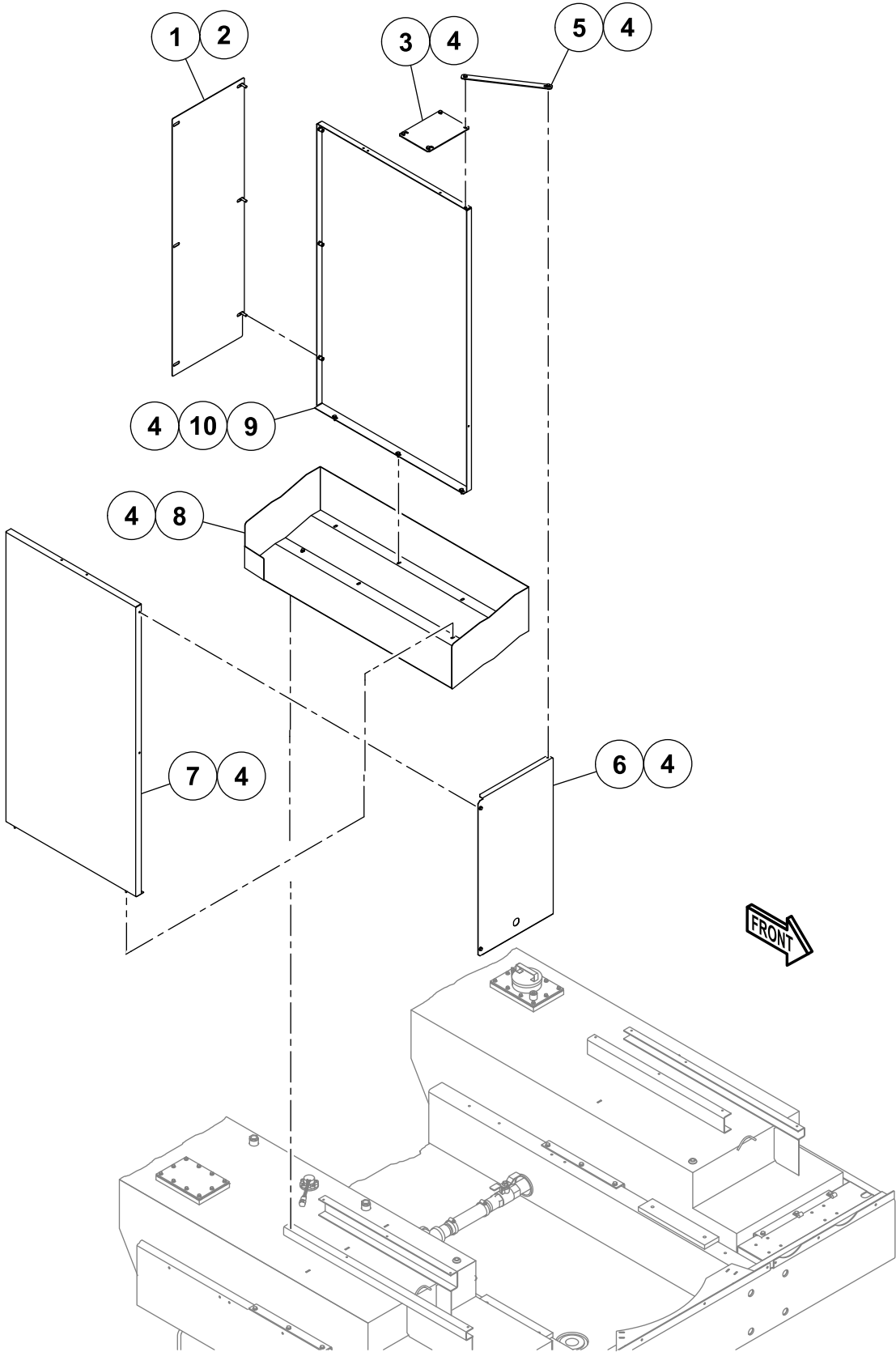
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46651000GA	Panel, Roof, Rear	1	
2	36889608	Screw, Flange, M08 - 1.25 X 25	34	
3	36895746	Nutsert, Hex, M08 - 1.25	3	
4	96702428	Screw, Hex, M10 - 1.5 X 45	10	
5	46622759GA	Rail, Roof Rear Side	2	
6	46556385GA	Rail, Roof Rear	1	
7	46556493GA	Bracket, Rear 3-light	1	
8	46602139GA	Door, Radiator Fill	1	
9	46602519	Strap, Roof Rear Panel Extension	6	
10	92368687	Screw, Tapping, M06 - 1.0 X 14	59	
11	54718184	Strap, Foam Retention	15	
12	46622062GA	Panel, Roof Center Section	2	
13	46623036	Strap, Retention, 800 mm	9	
14	36864288	Hinge, Roof Door	1	
15	36797652	Screw, M06 - 1.0 X 12	9	
16	46556392GA	Door, Lift Bail Access	1	
17	35131051	Latch, Door	1	
18	36843282	Rivet, 0.19" Dia. ID	4	
19	36864304	Cable, Roof	1	
20	95934998	Washer, 5/16", ID	2	
21	46652239GA	Panel, Roof, w/Lift Bail Access, WiFi	1	
22	46622061GA	Roof, Front	1	
23	46652550	Seal, Roof, Neoprene, 1/8"	2	

Enclosure, Tandem, Streetside, Air Intake Baffles



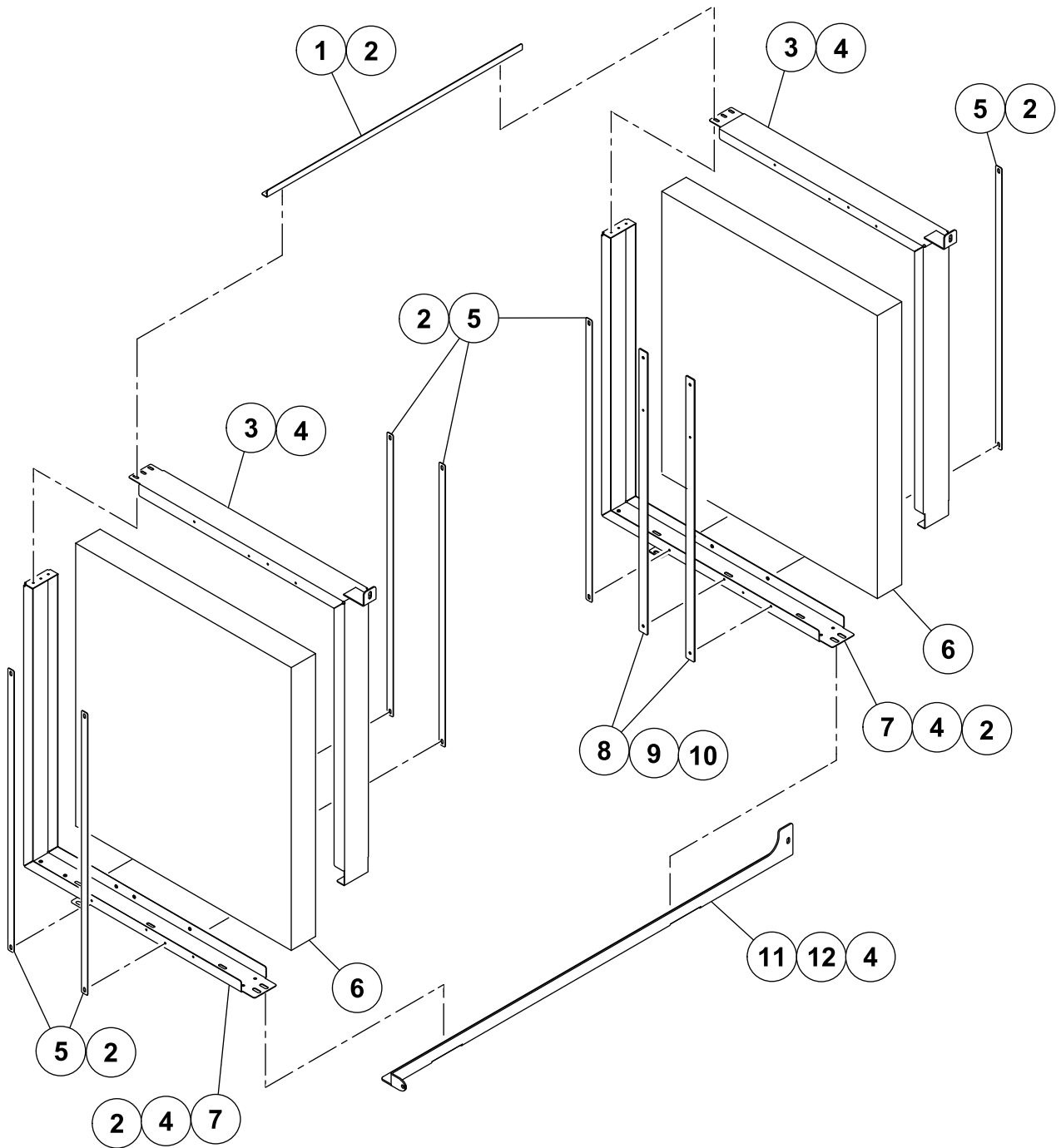
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46561060SB	Support, Front Baffle Leg	1	
2	92368687	Screw, Tapping, M06 - 1.0 X 14	17	
3	54641006SA	Support, Baffle	1	
4	46570202SB	Baffle, Drip Pan Access, Streetside	1	
5	36889608	Screw, Hex, M08 - 1.25 X 25	3	
6	22916019	Pouch, Literature	1	
7	46570201SB	Baffle, Inner Inlet, Streetside	1	
8	36895746	Nutsert, Hex, M08 - 1.25	3	
9	46570400SB	Pan, Louver Bottom, Drip, Streetside	1	
10	23294838	Sensor, Temperature, 1/2" NPT	1	
11	36853505	Locknut, Conduit, 1/2" NPT	1	
12	46570259SB	Baffle, Outer Inlet, Streetside	1	
13	46673235SB	Baffle, Front Inlet	1	

Enclosure, Tandem, Curbside, Air Intake Baffles



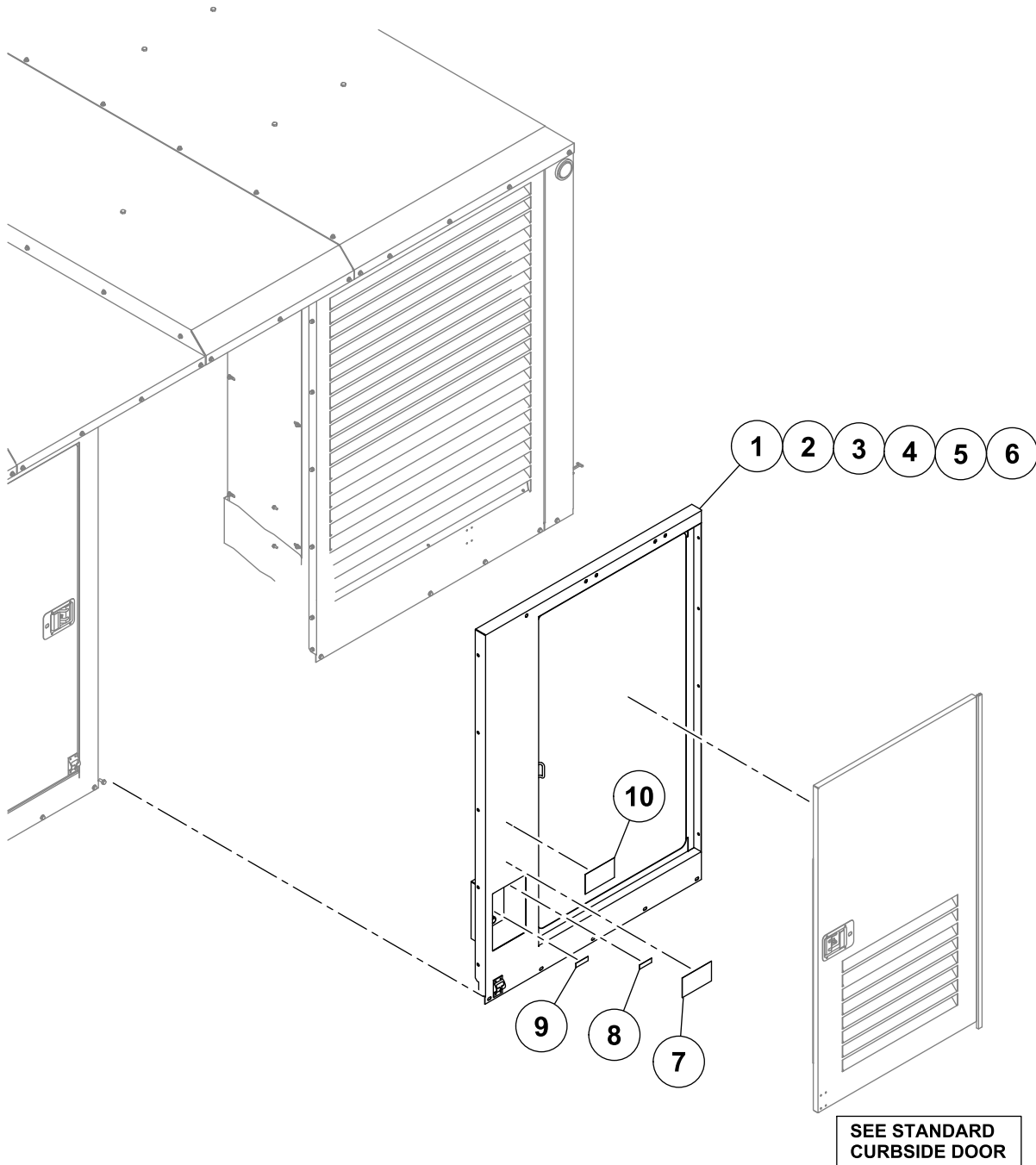
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46570200SB	Baffle, Drip Pan Access, Curbside	1	
2	36889608	Screw, Hex, M08 - 1.25 X 25	3	
3	54641006SA	Support, Baffle	1	
4	92368687	Screw, Tapping, M06 - 1.0 X 14	13	
5	46561060SB	Support, Front Baffle Leg	1	
6	46673235SB	Baffle, Front Inlet	1	
7	46567879SB	Baffle, Outer Inlet, Curbside	1	
8	46570399SB	Pan, Louver Bottom, Drip, Curbside	1	
9	46570199SB	Baffle, Inner Inlet, Curbside	1	
10	36895746	Nutsert, Hex, M08 - 1.25	3	

Enclosure, Standard, Exhaust Plenum Baffles



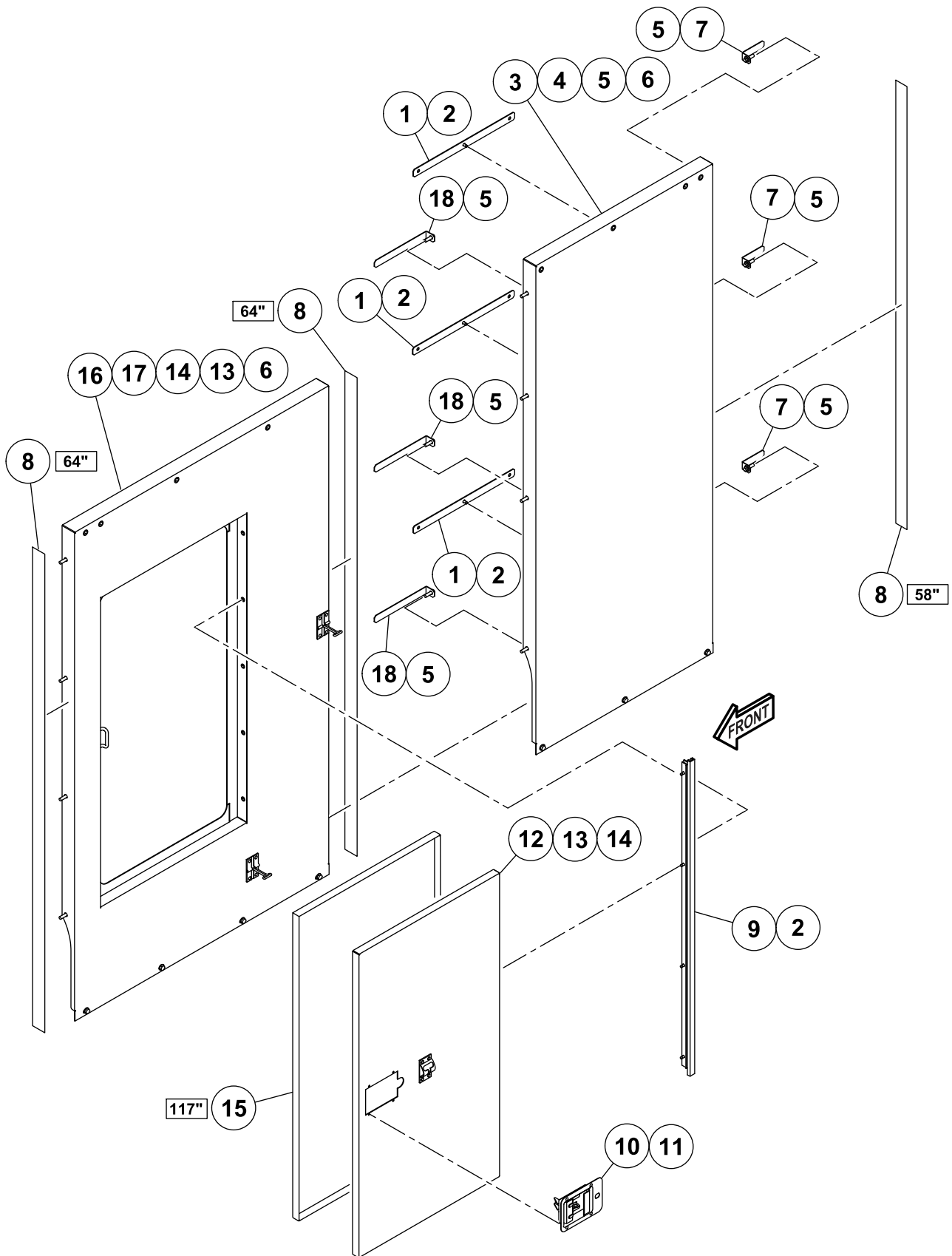
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46651321SB	Support, Baffle Angle	1	
2	36797652	Screw, Tapping, M06 - 1.0 X 12	22	
3	46649501GB	Channel, Acoustic, Top Splitter, 4"	2	
4	36889608	Screw, Hex, M08 - 1.25 X 25	8	
5	46598639	Strap, Exhaust Plenum Baffle	6	
6	46645679	Fiberglass, Acoustic Splitter, 4"	2	
7	46649431GB	Channel, Acoustic, Bottom Splitter, 4"	2	
8	46651142SB	Strap, Vertical Baffle	2	
9	92368687	Screw, Tapping, M06 - 1.0 X 14	2	
10	35300771	Screw, Tapping, M06 - 1.0 X 20	4	
11	46651347SB	Support, Vertical Baffle	1	
12	36895746	Nutsert, Hex, M08 - 1.25	5	

Enclosure, Standard, Remote Fuel, Door,



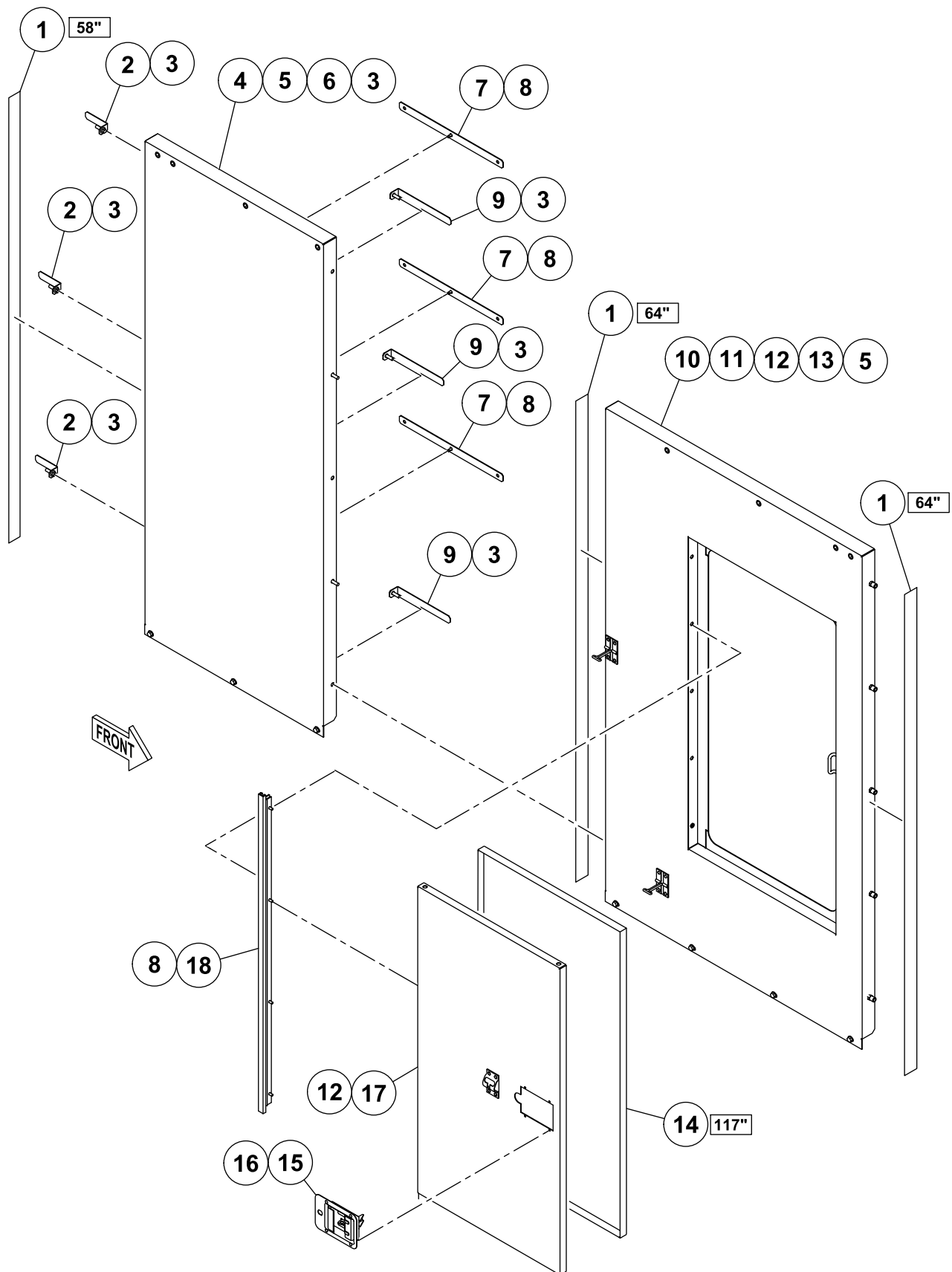
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46622969GA	Frame, Front Remote Fuel Door, Curbside	1	
2	96727193	Screw, Hex, M08 - 1.25 X 20	5	
3	35279025	Screw, Tapping, M08 - 1.25 X 20	5	
4	36921344	Nutsert, Hex, M06 - 1.0	5	
5	36849925	Holder, Door, T-Latch 2 - 1/2"	1	
6	36843282	Rivet, 3/16" Dia., ID	8	
7	46607444	Decal, Remote Fuel Tank Valve	1	
8	46601060	Decal, Fuel Return	1	
9	46601059	Decal, Fuel Supply	1	
10	46556990	Decal, Ultra Low Sulphur	1	

Enclosure, Wagon, Streetside, Rear



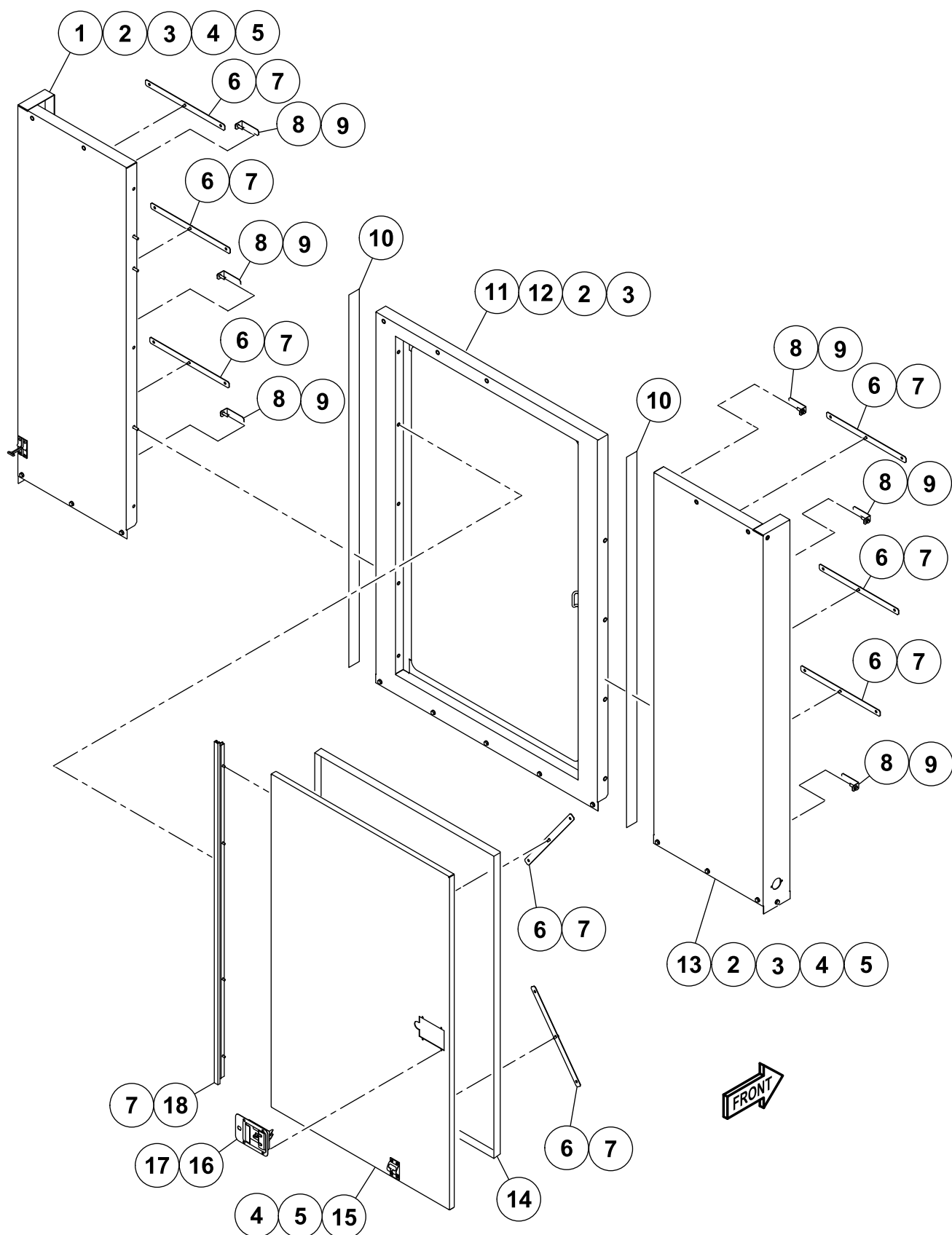
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	54718184	Strap, Foam Retention	3	
2	92368687	Screw, Tapping, M06 - 1.0 X 14	15	
3	46588919GA	Panel, Rear, Streetside	1	
4	36895746	Nutsert, Hex, M08 - 1.25	18	
5	36889608	Screw, Flange, M08 - 1.25 X 25	18	
6	35144336	Screw, Hex, 5/16" - 18 X 75"	7	
7	46595139	Strap, Fiberglass Panel Retention, Short, 2"	3	
8	22617666	Seal, Rubber, 3 X 10 mm	186	Measured in Inches
9	46559799	Hinge, Cooler Door Access	1	
10	36793602	Latch, Door	1	
11	36794816	Rivet, 0.187" Dia.	4	
12	46559800GA	Door, Cooler Access	1	
13	36849925	Holder, Door T-Latch 2.50	2	
14	36843282	Rivet, 0.19 Dia. ID	12	
15	36774495	Seal, Door	117	Measured in Inches
16	46624182GA	Frame, Door, Cooler Access, Streetside	1	
17	36921344	Nutsert, Hex, M06 - 1.0	5	
18	46595520	Strap, Fiberglass Panel Retention, Long, 2"	3	

Enclosure, Wagon, Curbside, Rear



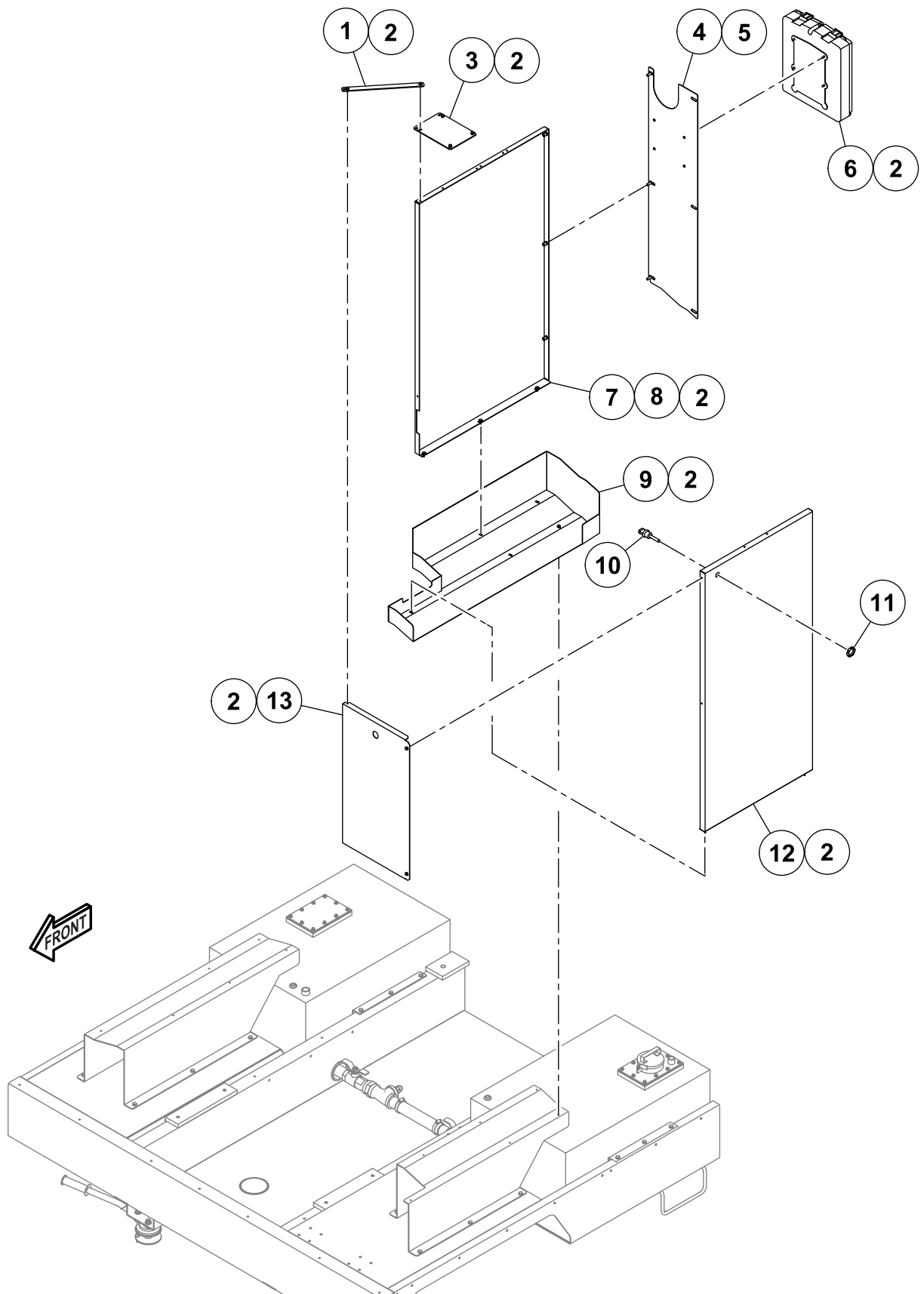
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	22617666	Seal, Rubber, 3 X 10 mm	186	Measured in Inches
2	46595139	Strap, Fiberglass Panel Retention, Short, 2"	3	
3	36889608	Screw, Flange, M08 - 1.25 X 25	18	
4	46562044GA	Panel, Rear, Curbside	1	
5	36895746	Nutsert, Hex, M08 - 1.25	18	
6	35144336	Screw, Hex, 5/16" - 18 X 75"	7	
7	54718184	Strap, Foam Retention	3	
8	92368687	Screw, Tapping, M06 - 1.0 X 14	12	
9	46595520	Strap, Fiberglass Panel Retention, Long, 2"	3	
10	46624100GA	Frame, Door, Cooler Access, Curbside	1	
11	36921344	Nutsert, Hex, M06 - 1.0	5	
12	36849925	Holder, Door T-Latch 2.50	2	
13	36843282	Rivet, 0.19 Dia. ID	12	
14	36774495	Seal, Door	117	Measured in Inches
15	36793602	Latch, Door	1	
16	36794816	Rivet, 0.187" Dia.	4	
17	46559800GA	Door, Cooler Access	1	
18	46559799	Hinge, Cooler Door Access	1	

Enclosure, Wagon, Rear



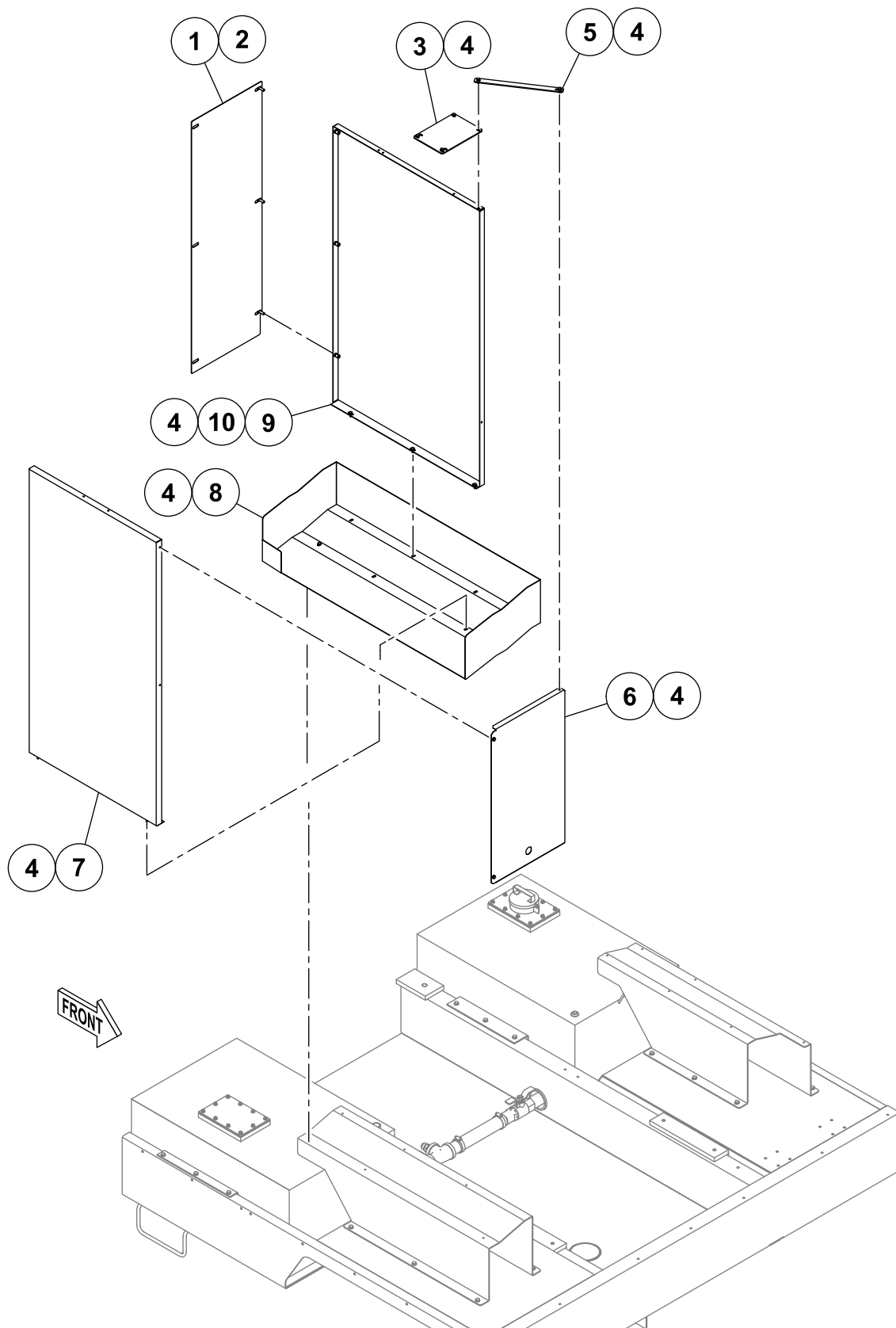
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46562054GA	Panel, Rear Corner, Streetside	1	
2	36895746	Nutsert, Hex, M08 - 1.25	33	
3	35279025	Screw, Tapping, M08 - 1.25 X 20	13	
4	36849925	Holder, Door, T-Latch 2.50	1	
5	36843282	Rivet, 0.19 Dia. ID	8	
6	54718184	Strap, Foam Retention	8	
7	92368687	Screw, Tapping, M06 - 1.0 X 14	17	
8	46595139	Strap, Fiberglass Panel Retention, Short, 2"	6	
9	36889608	Screw, Hex, M08 - 1.25 X 25	10	
10	22617666	Seal, Rubber, 3 X 10 mm	128	Measured in Inches
11	46562055GA	Frame, Rear Door	1	
12	36921344	Nutsert, Hex, M06 - 1.0	4	
13	46562058GA	Panel, Rear, Curbside	1	
14	36774495	Seal, Strip, Door	167	Measured in Inches
15	46562056GA	Door, Rear	1	
16	36793602	Latch, Door	1	
17	36794816	Rivet, 0.187" Dia.	4	
18	46557279	Hinge, Door	1	

Enclosure, Wagon, Streetside, Air Intake Baffles,



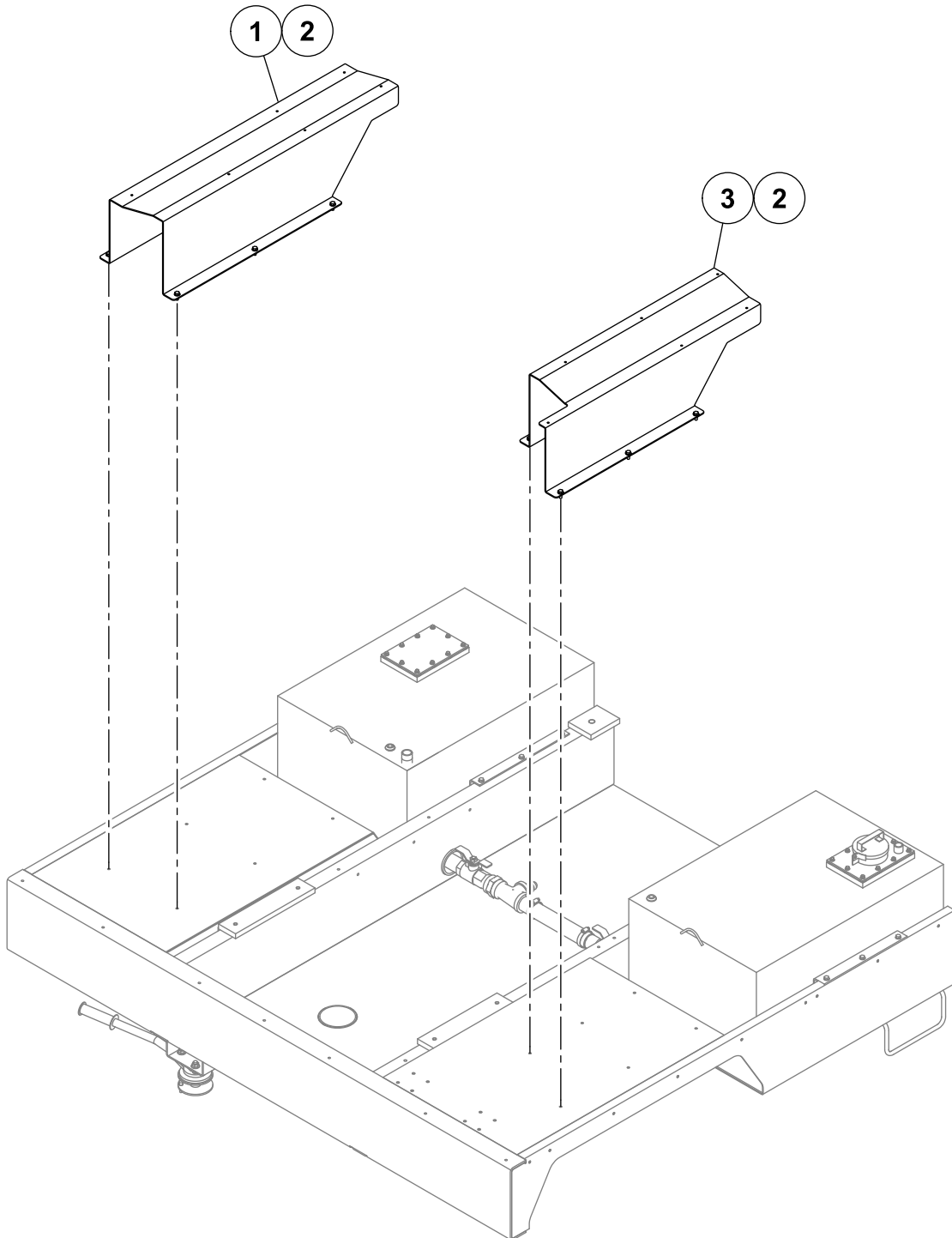
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46561060SB	Support, Front Baffle Leg	1	
2	92368687	Screw, Tapping, M06 - 1.0 X 14	17	
3	54641006SA	Support, Baffle	1	
4	46570202SB	Baffle, Drip Pan Access, Streetside	1	
5	36889608	Screw, Hex, M08 - 1.25 X 25	3	
6	22916019	Pouch, Literature	1	
7	46570201SB	Baffle, Inner Inlet, Streetside	1	
8	36895746	Nutsert, Hex, M08 - 1.25	3	
9	46570400SB	Pan, Louver Bottom, Drip, Streetside	1	
10	23294838	Sensor, Temperature, 1/2" NPT	1	
11	36853505	Locknut, Conduit, 1/2" NPT	1	
12	46570259SB	Baffle, Outer Inlet, Streetside	1	
13	46673235SB	Baffle, Front Inlet	1	

Enclosure, Air Intake Baffles, Curbside, Wagon

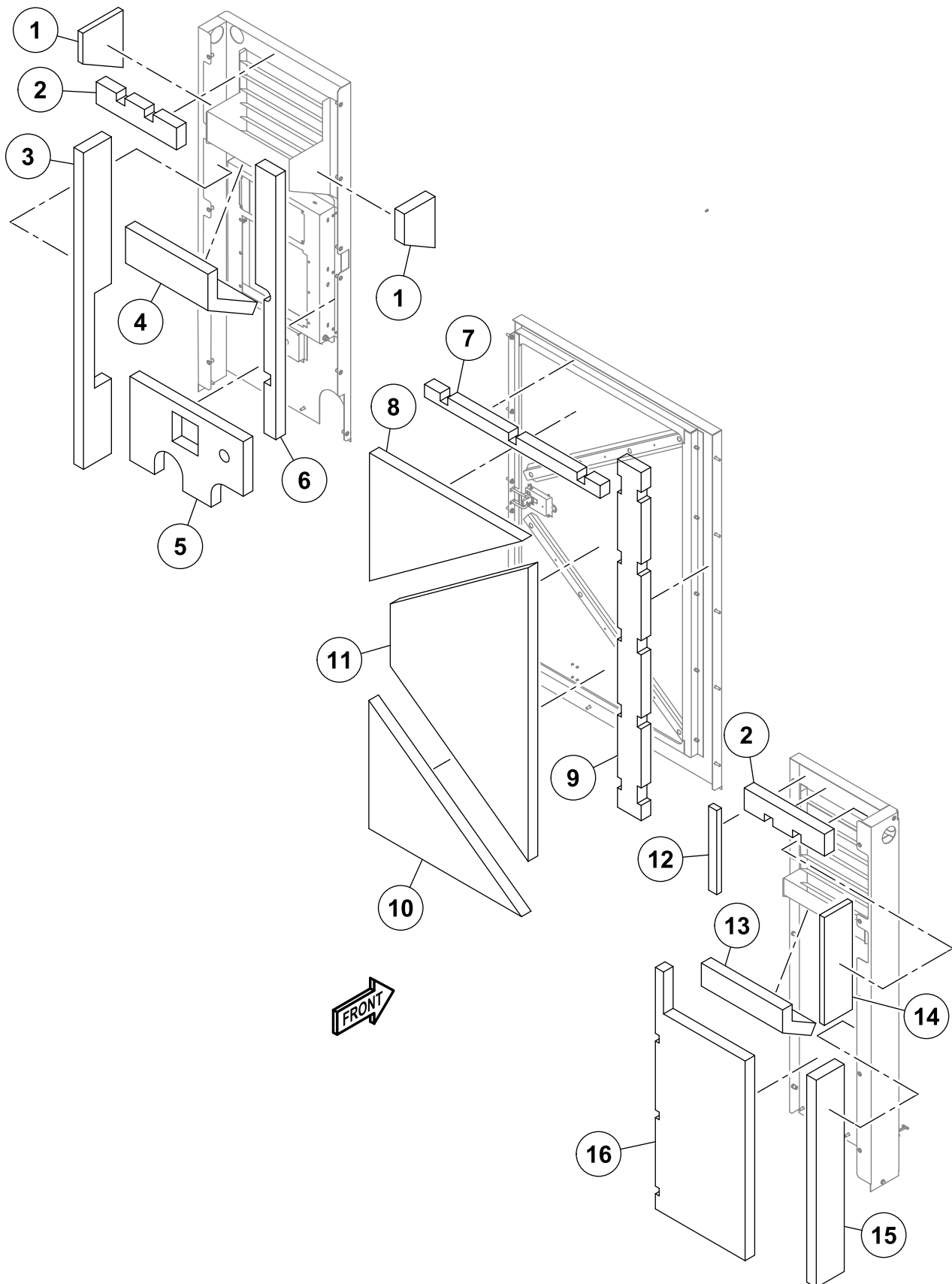


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46570200SB	Baffle, Drip Pan Access, Curbside	1	
2	36889608	Screw, Hex, M08 - 1.25 X 25	3	
3	54641006SA	Support, Baffle	1	
4	92368687	Screw, Tapping, M06 - 1.0 X 14	13	
5	46561060SB	Support, Front Baffle Leg	1	
6	46673235SB	Baffle, Front Inlet	1	
7	46567879SB	Baffle, Outer Inlet, Curbside	1	
8	46570399SB	Pan, Louver Bottom, Drip, Curbside	1	
9	46570199SB	Baffle, Inner Inlet, Curbside	1	
10	36895746	Nutsert, Hex, M08 - 1.25	3	

Enclosure, Wagon, Drip Pan Base

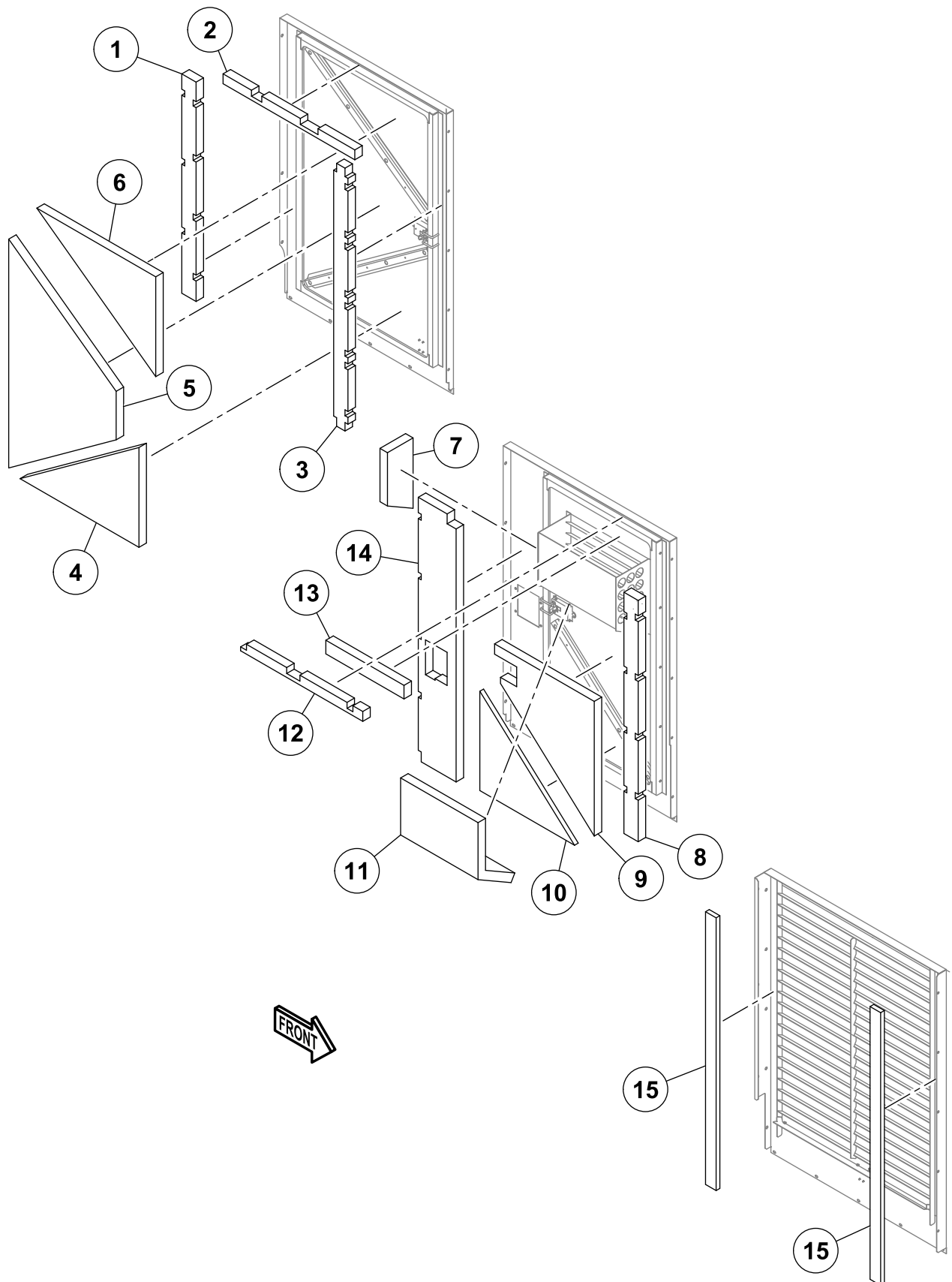


Acoustic Panels, Front



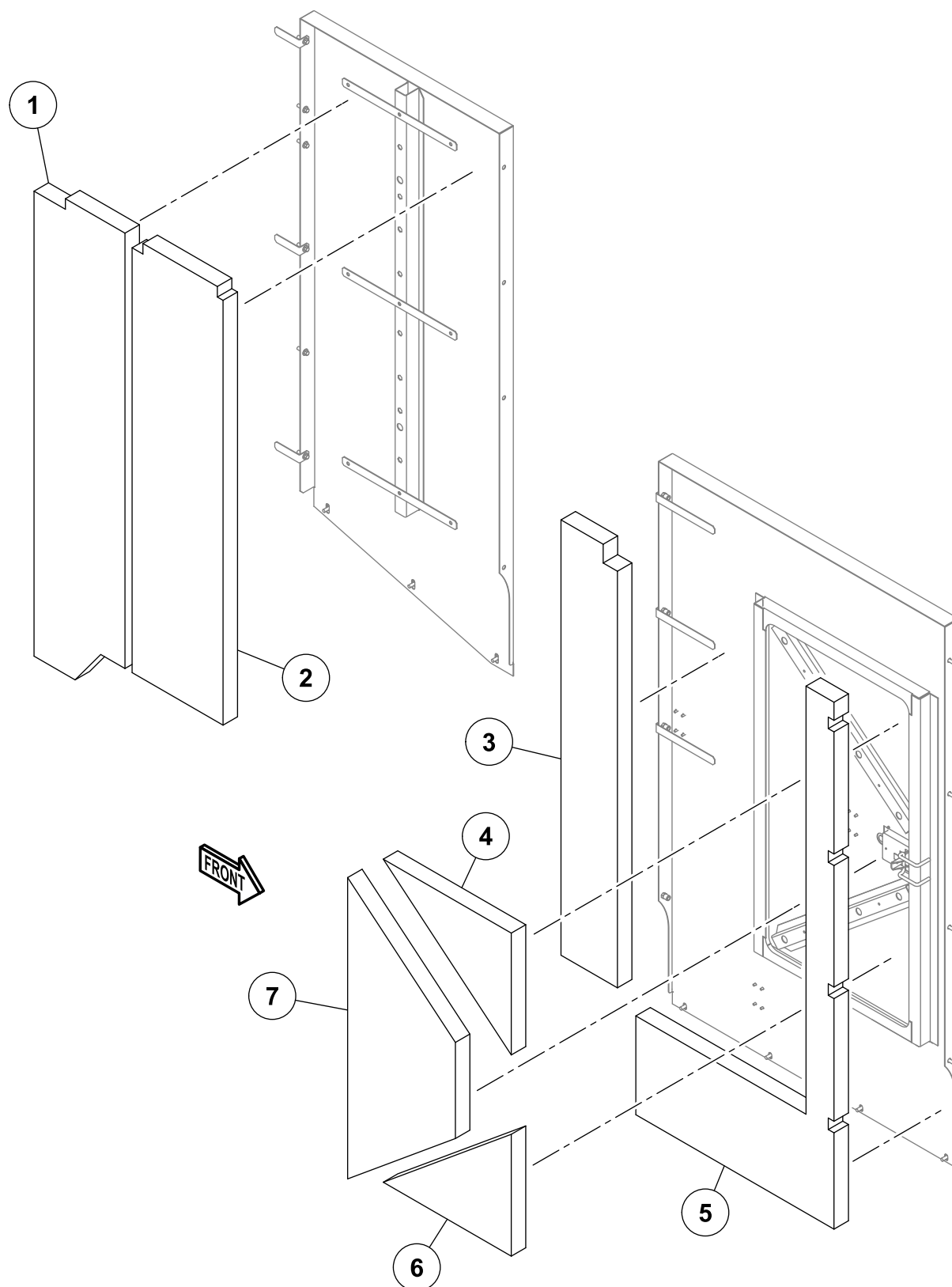
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46576463	Panel, Front Corner Louver Box Side Outer Acoustic SS	1	
2	46576459	Panel, Front Corner Top Acoustic	2	
3	46576480	Panel, Front Corner Acoustic SS	1	
4	46576461	Panel, Front Corner Louver Box Rear Acoustic SS	1	
5	46576479	Panel, Front Corner Lower Acoustic SS	1	
6	46576481	Panel, Front Corner Inner Acoustic SS	1	
7	46576460	Panel, Front Corner Louver Box Inner Acoustic SS	1	
8	46576541	Panel, Front Door Frame Top Acoustic	1	
9	46574426	Panel, Door Lower Acoustic	1	
10	46576540	Panel, Front Door Frame Side Acoustic CS	1	
11	46574424	Panel, Door Upper Acoustic	1	
12	46574425	Panel, Door Middle Acoustic	1	
13	46576580	Panel, Front Corner Inner Acoustic CS	1	
14	46576582	Panel, Front Corner Louver Box Rear Acoustic CS	1	
15	46576542	Panel, Front Corner Top Acoustic	1	
16	46576543	Panel, Front Corner Bottom Acoustic CS	1	
17	46576579	Panel, Front Corner Lower Acoustic CS	1	

Acoustic Panels, Streetside

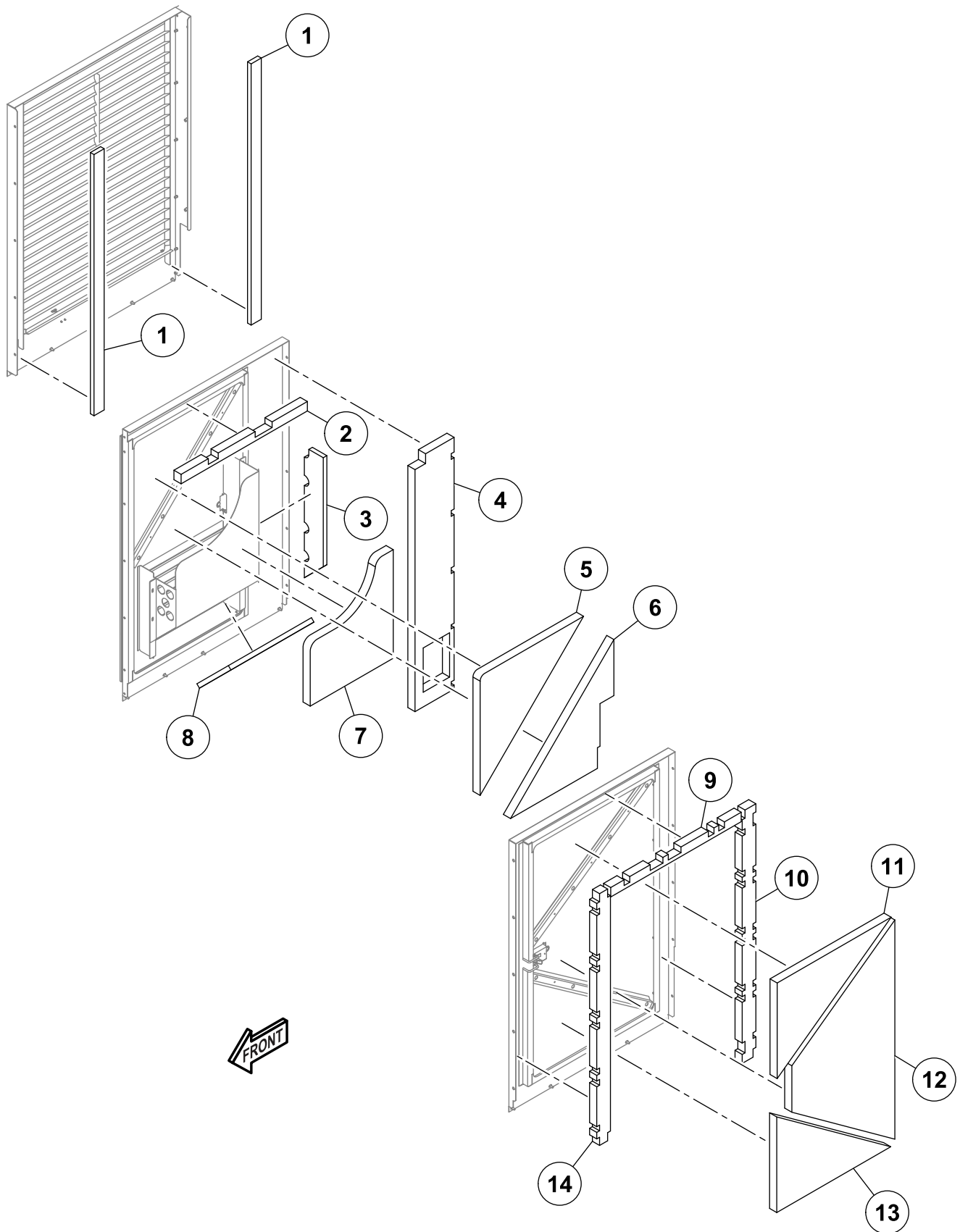


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46574421	Panel, Acoustic Rear Door Frame SS 2"	1	
2	46574422	Panel, Acoustic Top Rear Door Frame SS 2"	1	
3	46574427	Panel, Acoustic Rear and Front Door Frame Side SS 2"	1	
4	46574426	Panel, Acoustic Door Bottom 2"	1	
5	46574425	Panel, Acoustic Mid Door 2"	1	
6	46574424	Panel, Acoustic Top Door 2"	1	
7	46651747	Panel, Acoustic Louver Box Side SS 2"	1	
8	46574443	Panel, Acoustic Front Door Frame SS 2"	1	
9	46651745	Panel, Acoustic Mid Louver Door SS 2"	1	
10	46651746	Panel, Acoustic Bottom Door 1"	1	
11	46651744	Panel, Acoustic Door Louver Box Rear SS 2"	1	
12	46651774	Panel, Acoustic Top Front Door Frame SS 2"	1	
13	46651754	Panel, Acoustic Top Front Louver Door SS 2"	1	
14	46651749	Panel, Acoustic Fwd Door Frame SS 2"	1	
15	46574449	Panel, Acoustic Louver Side SS 1"	2	

Acoustic Panels, Tandem, Streetside, Rear

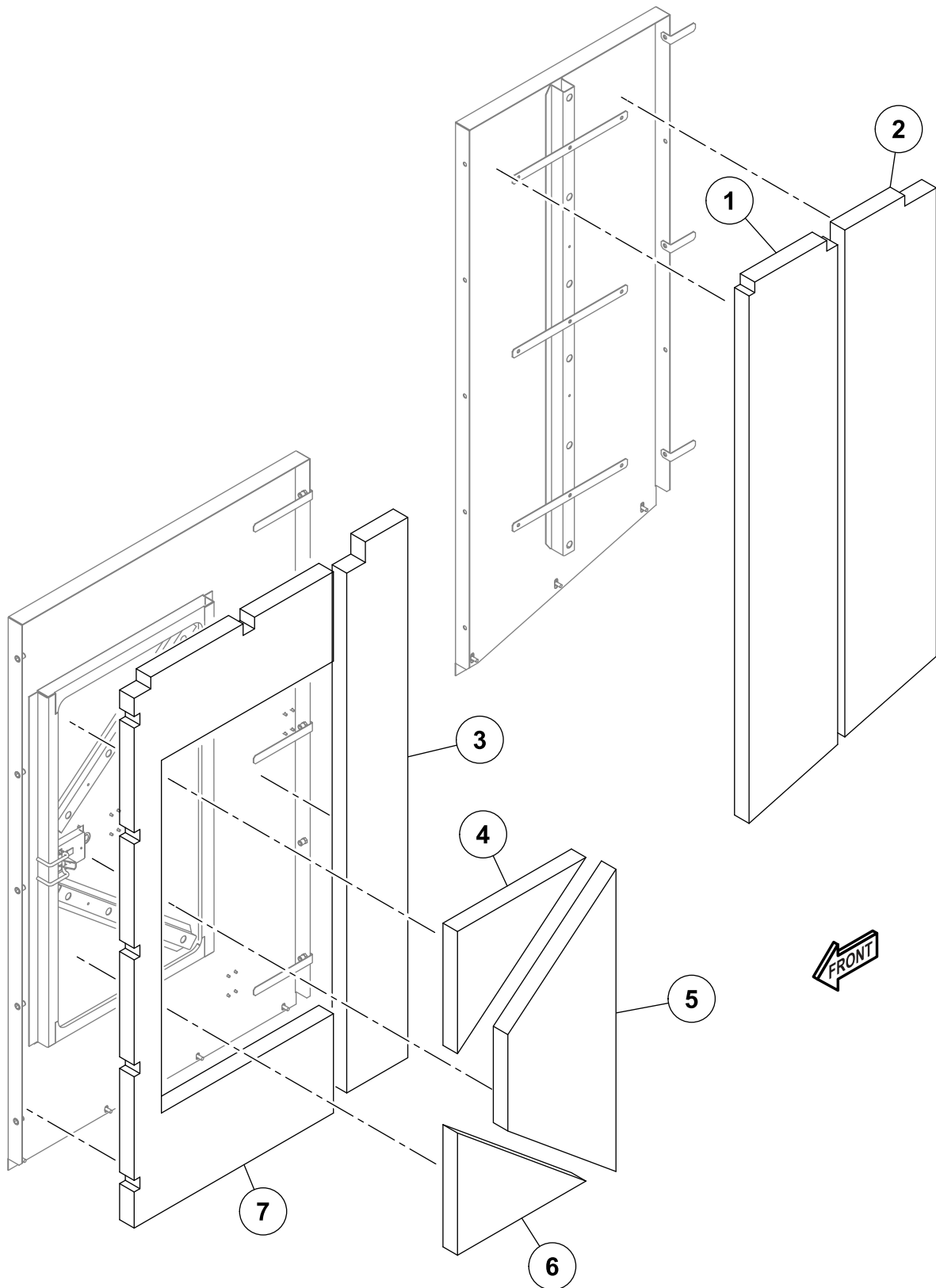


Acoustic Panels, Curbside



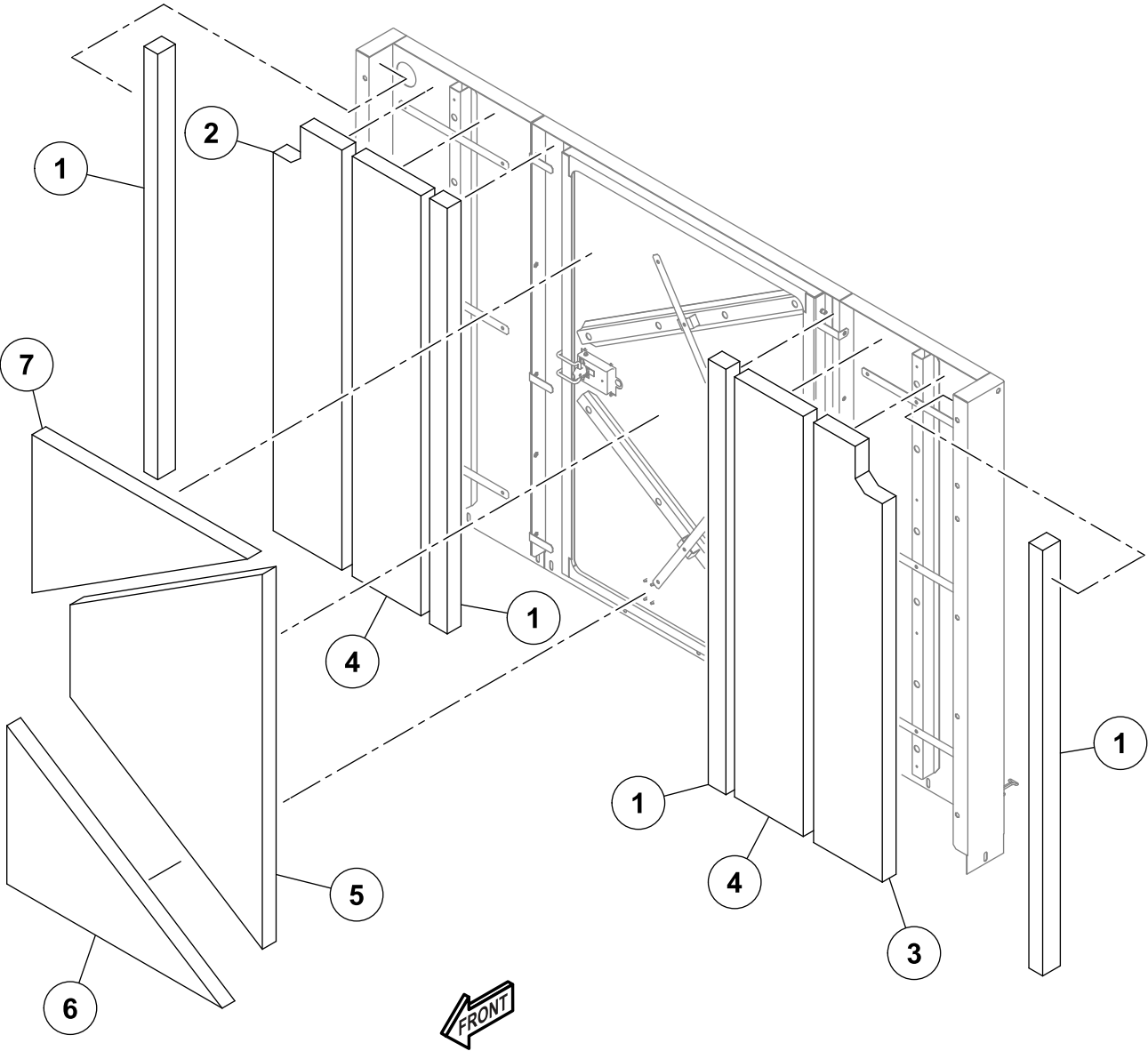
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46574449	Panel, Acoustic Louver Side SS 1"	2	
2	46574422	Panel, Acoustic Top Rear Door Frame SS 2"	1	
3	46663164	Foam, Acoustic, Louver Box Side, 1"	1	
4	46579823	Panel, Acoustic, Side Door Frame Remote Fuel, 2"	1	
5	46663177	Panel, Acoustic, Door Top, 2"	1	
6	46663178	Panel, Acoustic, Door Center, 2"	1	
7	46663165	Panel, Acoustic, Louver Box Back, 2"	1	
8	46663166	Panel, Acoustic, CS Louver Bottom, 1"	1	
9	46574428	Panel, Acoustic Top Front Door Frame SS 2"	1	
10	46577259	Panel, Acoustic Rear Door Frame Side CS 2"	1	
11	46574426	Panel, Acoustic Door Bot 2"	1	
12	46574425	Panel, Acoustic Mid Door 2"	1	
13	46574424	Panel, Acoustic Top Door 2"	1	
14	46574427	Panel, Acoustic Rear & Front Door Frame Side SS 2"	1	

Acoustic Panels, Tandem, Curbside, Rear

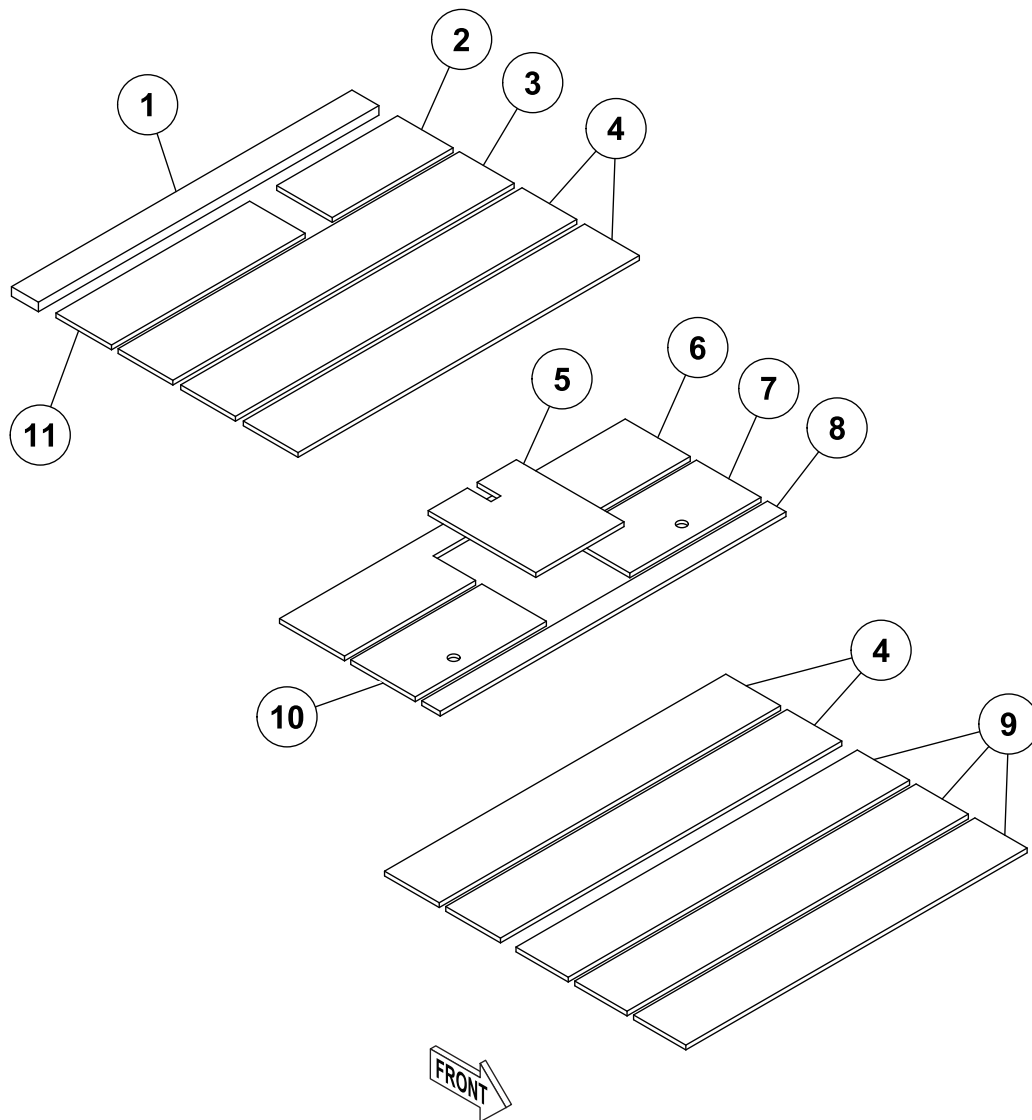


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46595020	Panel, Fiberglass, Exhaust Plenum Fwd CS	1	
2	46595021	Panel, Fiberglass, Exhaust Plenum Aft CS	1	
3	46595019	Panel, Cooler Access Aft Acoustic CS	1	
4	46574499	Panel, Acoustic Cooler Side Access Door 2"	1	
5	46574500	Panel, Acoustic Cooler Access Mid Door 2"	1	
6	46574501	Panel, Acoustic Cooler Side Access Door 2"	1	
7	46577260	Panel, Acoustic Cooler Access CS 2"	1	

Acoustic Panels, Tandem, Rear

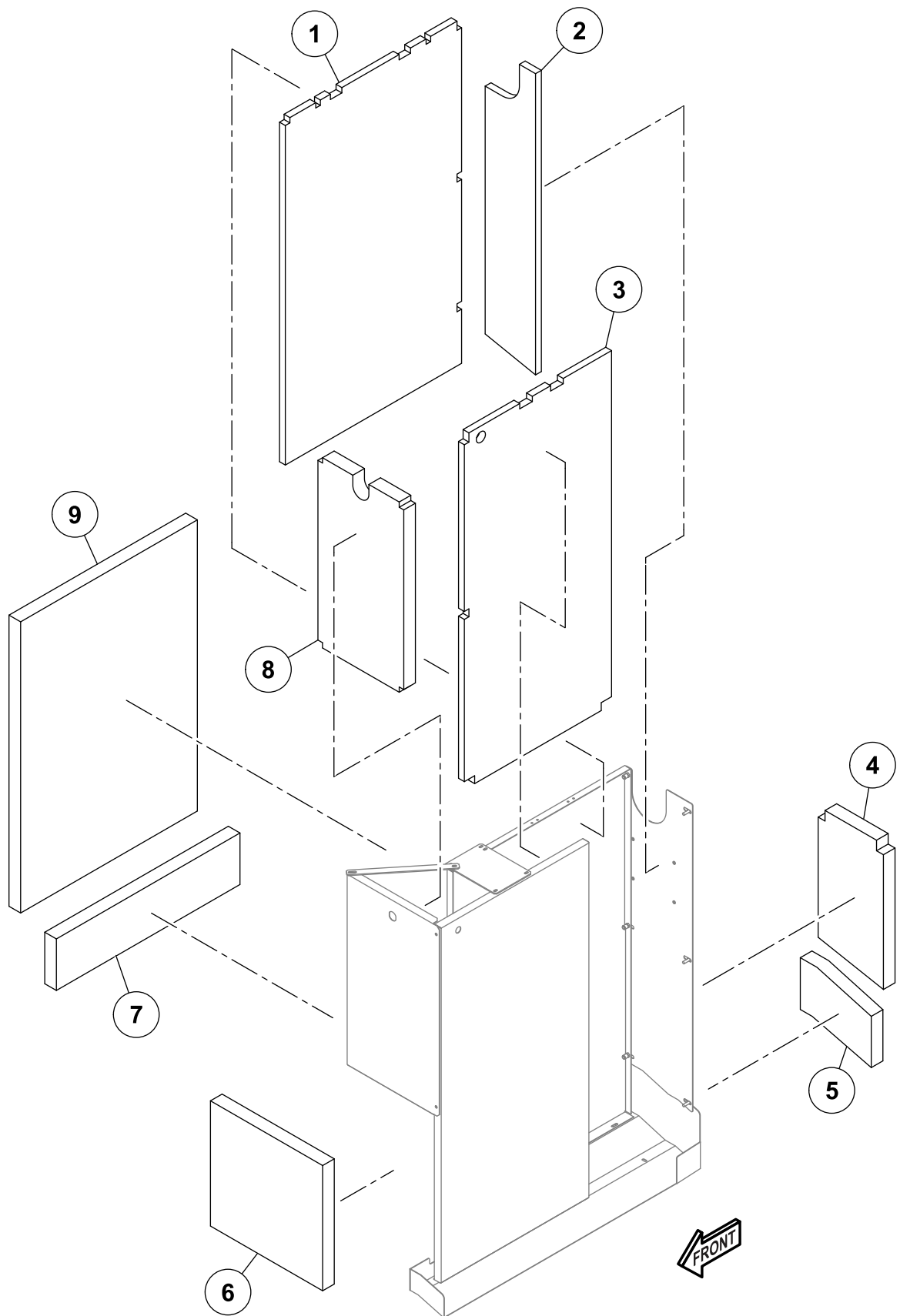


Acoustic Panels, Top



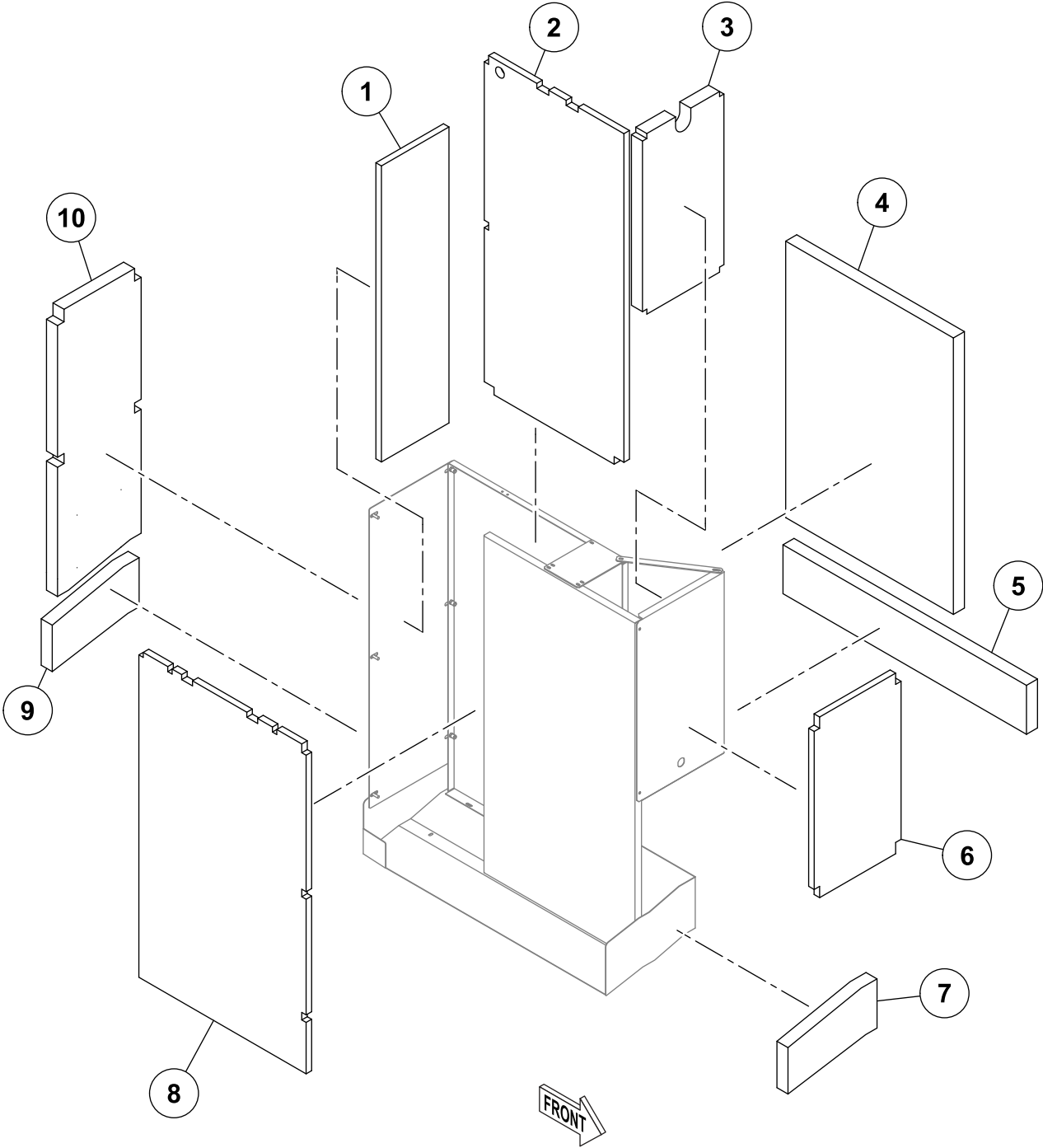
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46602539	Panel, Fbrgl Rear Roof Extension 2"	1	
2	46574101	Panel, Acoustic Rear Roof	1	
3	46622920	Panel, Acoustic Rear Roof SS 1"	1	
4	46574100	Panel, Acoustic Rear Roof 1"	4	
5	46574119	Panel, Acoustic Door Hatch 1"	1	
6	46574103	Panel, Acoustic Mid Roof 1"	1	
7	46652310	Panel, Acoustic Mid Roof SS	1	
8	46574104	Panel, Acoustic Mid Front Roof 1"	1	
9	46622921	Panel, Acoustic Rear Roof 1"	3	
10	46590459	Panel, Acoustic Mid Roof Side 1"	1	
11	46574102	Panel, Acoustic Rear Roof CS 1"	1	

Acoustic Panels, Streetside, Intake Baffles



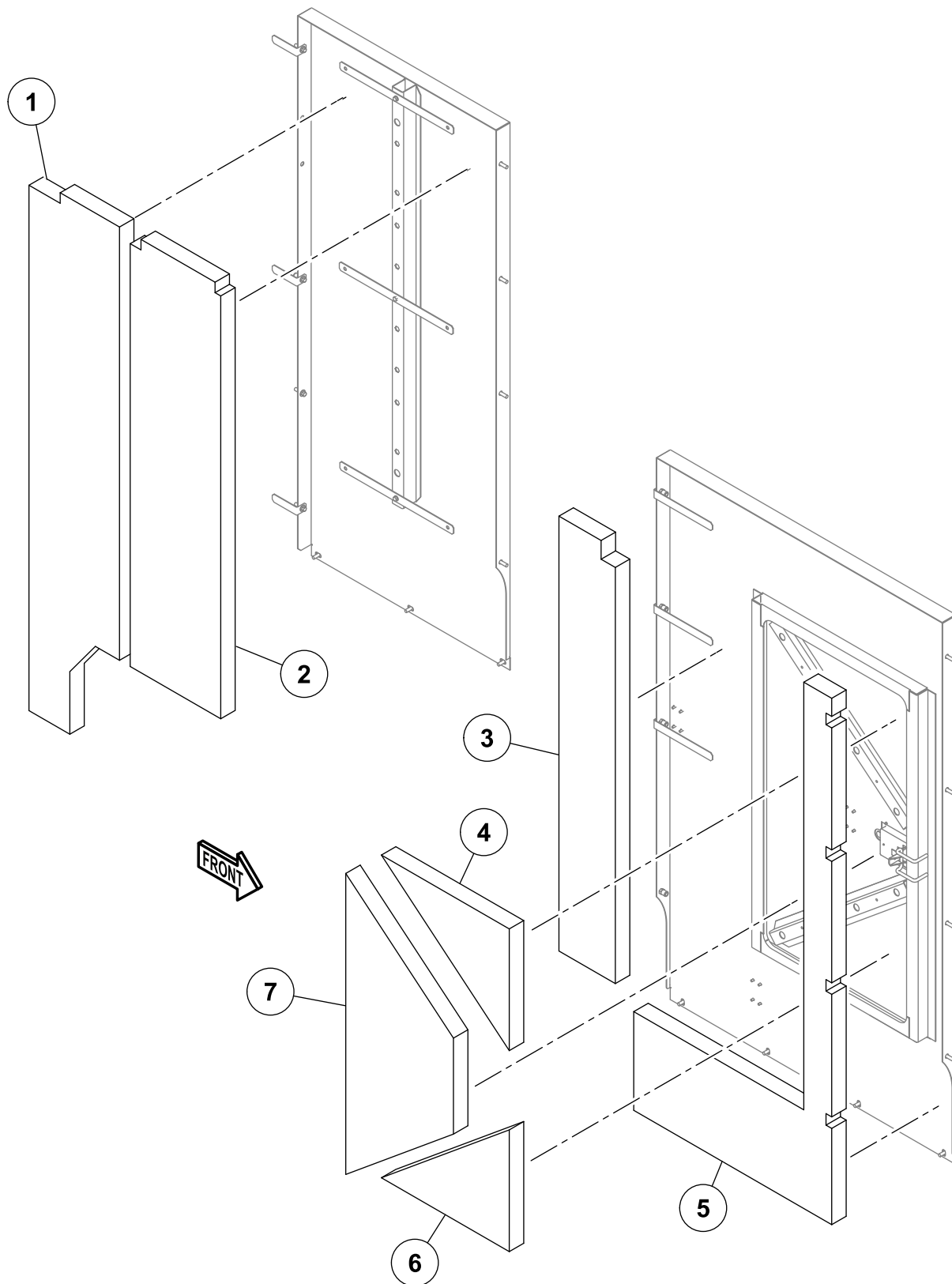
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46574482	Panel, Acoustic Inner Inlet Baffle 1"	1	
2	46574480	Panel, Acoustic Drip Pan Access Interior Side SS 1"	1	
3	46574483	Panel, Acoustic Outer Inlet Baffle 1"	1	
4	46574479	Panel, Acoustic Drip Pan Exterior Side Access SS 2"	1	
5	46574485	Panel, Acoustic Drip Pan Side SS 2"	1	
6	46577521	Panel, Acoustic Ctrl Panel Cover Rear 2"	1	
7	46574486	Panel, Acoustic Drip Pan Rear SS 2"	1	
8	46577520	Panel, Acoustic Front Inlet Baffle 2"	1	
9	46574481	Panel, Acoustic Inner Inlet Baffle SS 2"	1	

Acoustic Panels, Curbside, Intake Baffles



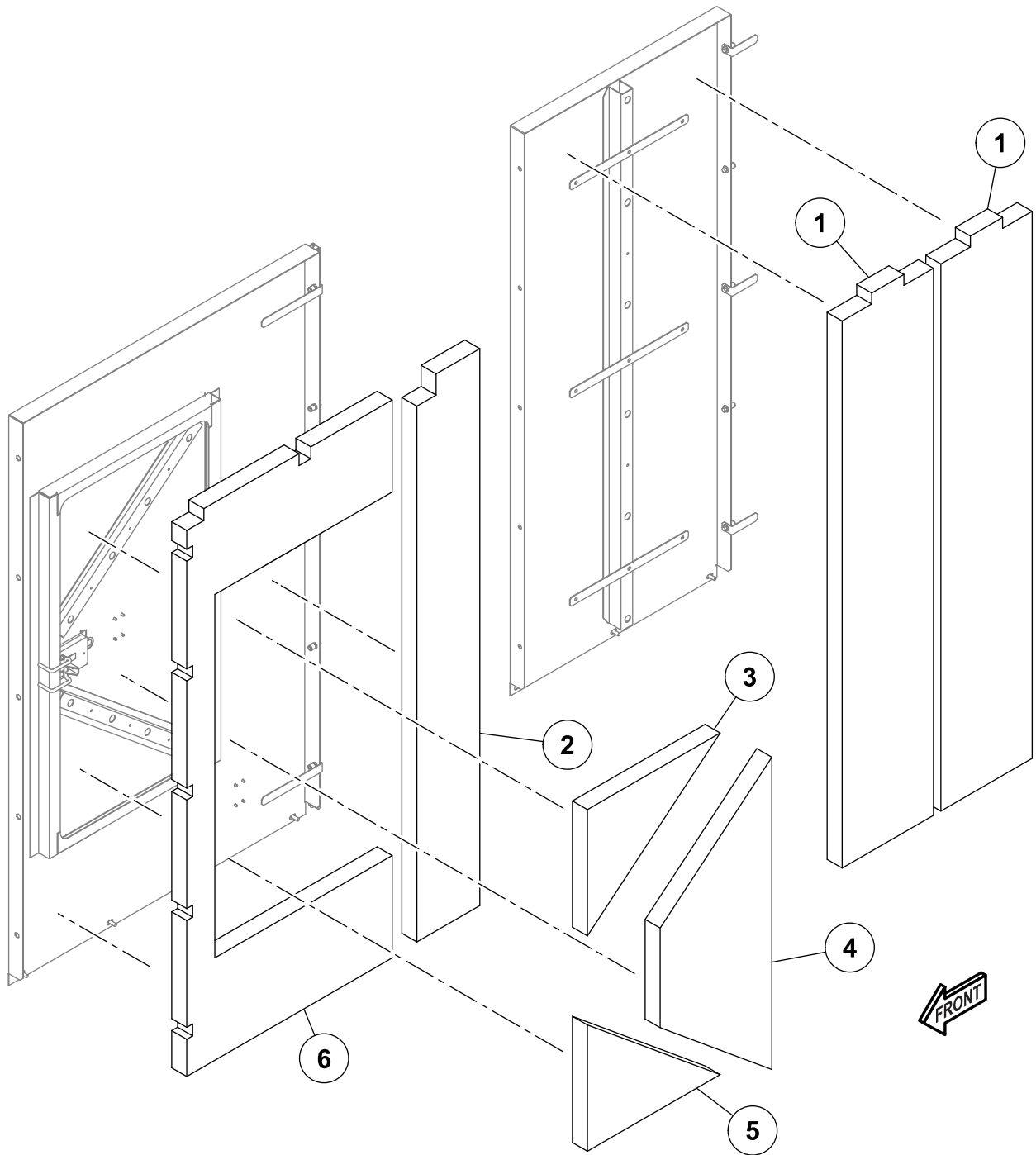
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46579440	Panel, Acoustic Drip Pan Access Interior Side CS 1"	1	
2	46574483	Panel, Acoustic Outer Inlet Baffle 1"	1	
3	46577520	Panel, Acoustic Front Inlet Baffle 2"	1	
4	46574481	Panel, Acoustic Inner Inlet Baffle SS 2"	1	
5	46577201	Panel, Acoustic Drip Pan Rear CS 2"	1	
6	46577519	Panel, Acoustic Front Inlet Baffle 1"	1	
7	46577264	Panel, Acoustic Drip Pan Front Side CS 2"	1	
8	46574482	Panel, Acoustic Inner Inlet Baffle 1"	1	
9	46577263	Panel, Acoustic Drip Pan Rear Side CS 2"	1	
10	46579439	Panel, Acoustic Drip Pan Exterior Side Access CS 2"	1	

Acoustic Panels, Wagon, Streetside, Rear



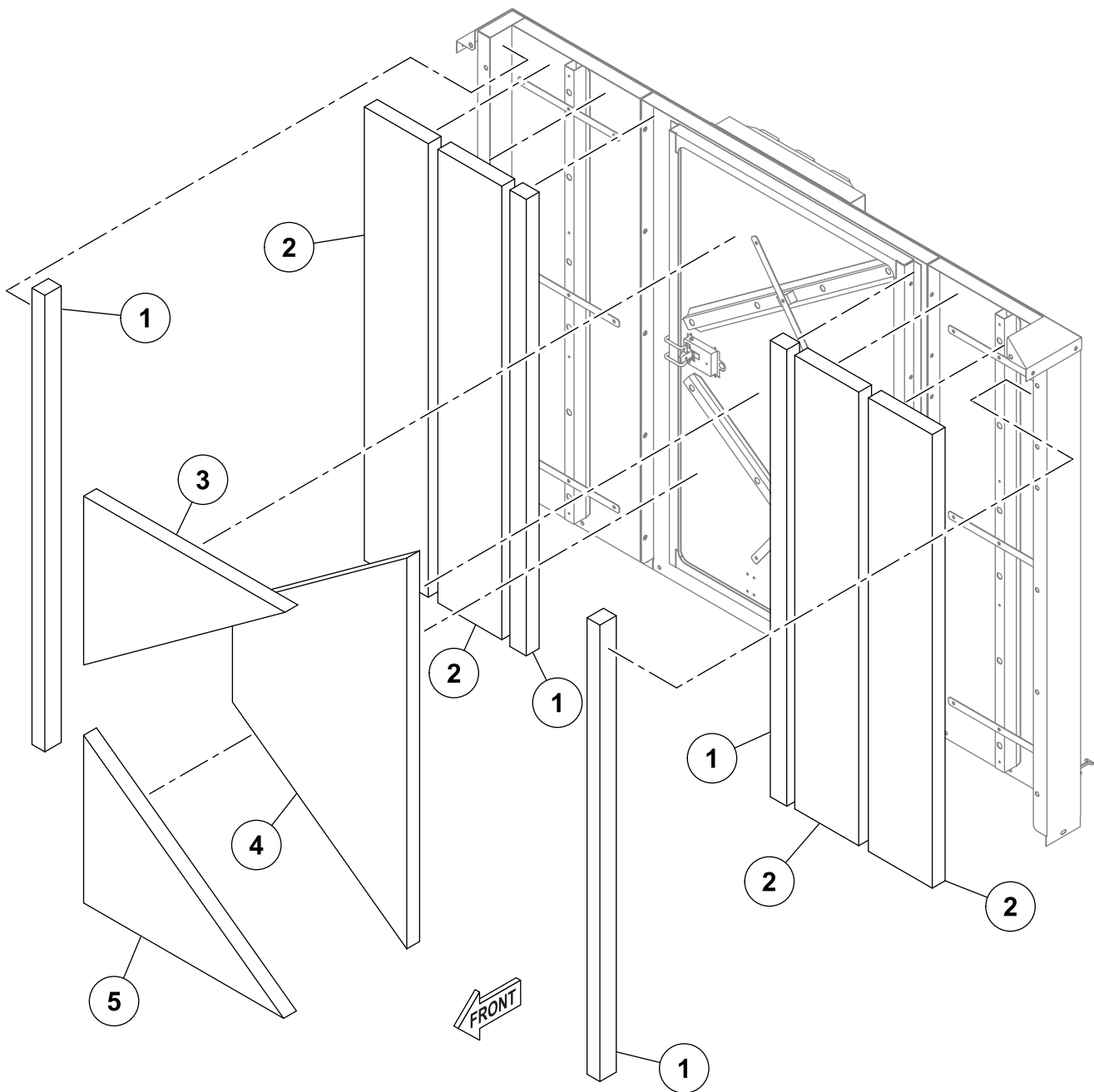
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46597339	Panel, Acoustic, Aft SS	1	
2	46595022	Panel, Acoustic, SS	1	
3	46595024	Panel, Cooler Access Panel Aft Acoustic SS	1	
4	46574501	Panel, Acoustic Cooler Side Access Door 2"	1	
5	46651748	Panel, Door Frm Cooler Access SS 2"	1	
6	46574499	Panel, Acoustic Cooler Side Access Door 2"	1	
7	46574500	Panel, Acoustic Cooler Access Mid Door 2"	1	

Acoustic Panels, Wagon, Curbside, Rear

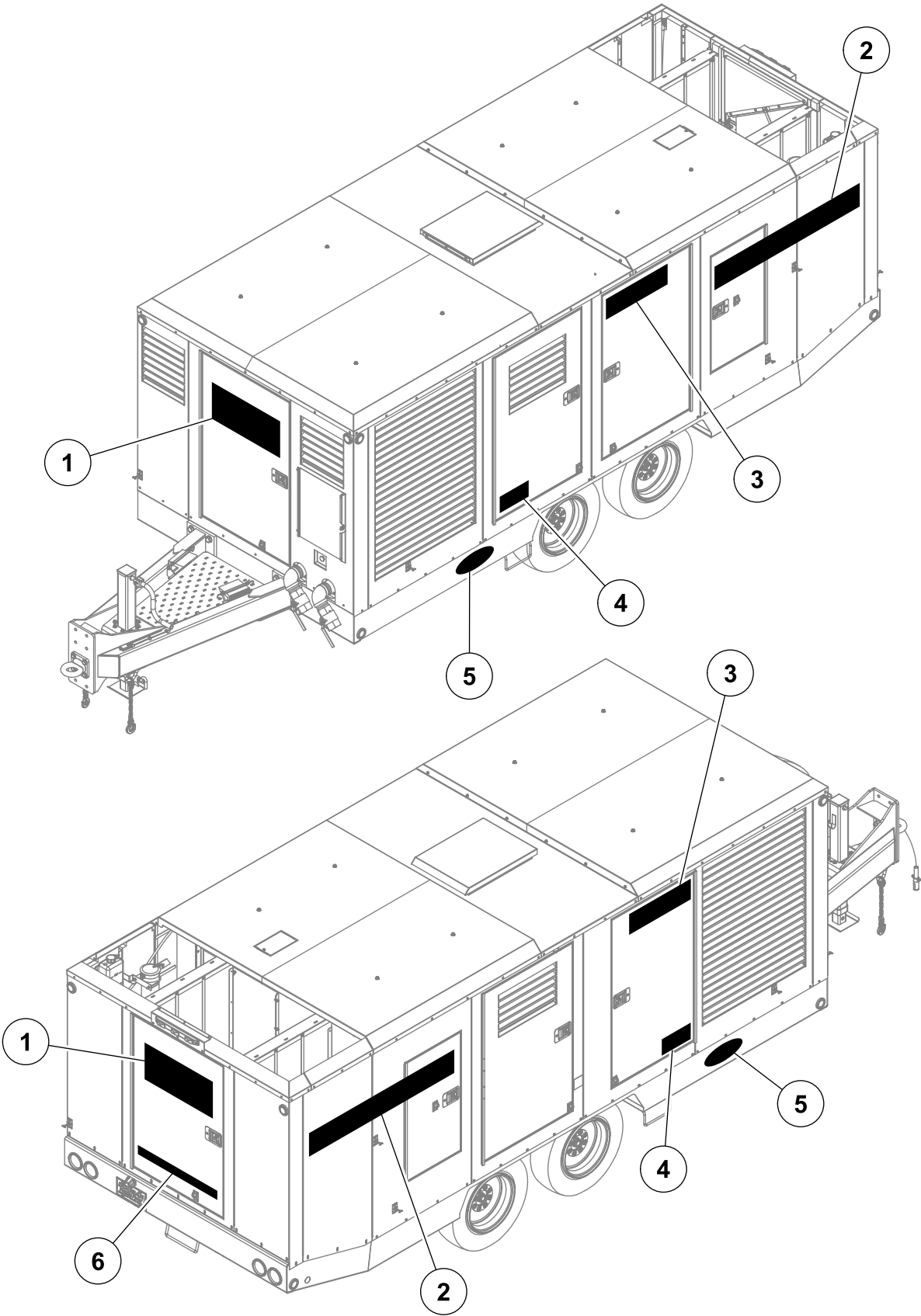


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46597199	Panel, Acoustic, Aft CS	2	
2	46595019	Panel, Acoustic, Cooler Access, CS	1	
3	46574499	Panel, Acoustic Cooler Side Access Door 2"	1	
4	46574500	Panel, Acoustic Cooler Access Mid Door 2"	1	
5	46574501	Panel, Acoustic Cooler Side Access Door 2"	1	
6	46577260	Panel, Acoustic Cooler Access CS 2"	1	

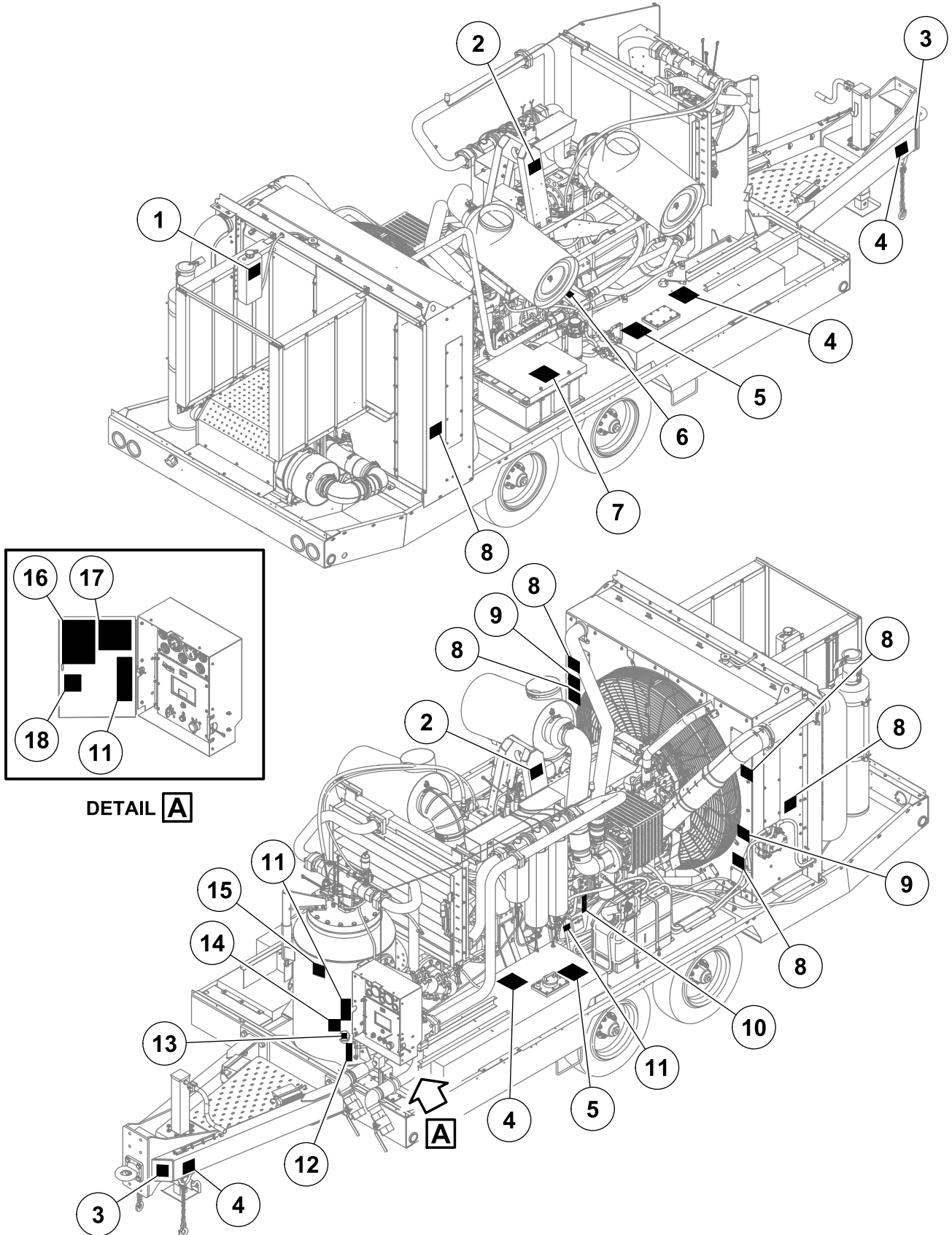
Acoustic Panels, Wagon, Rear



Decals, Branding

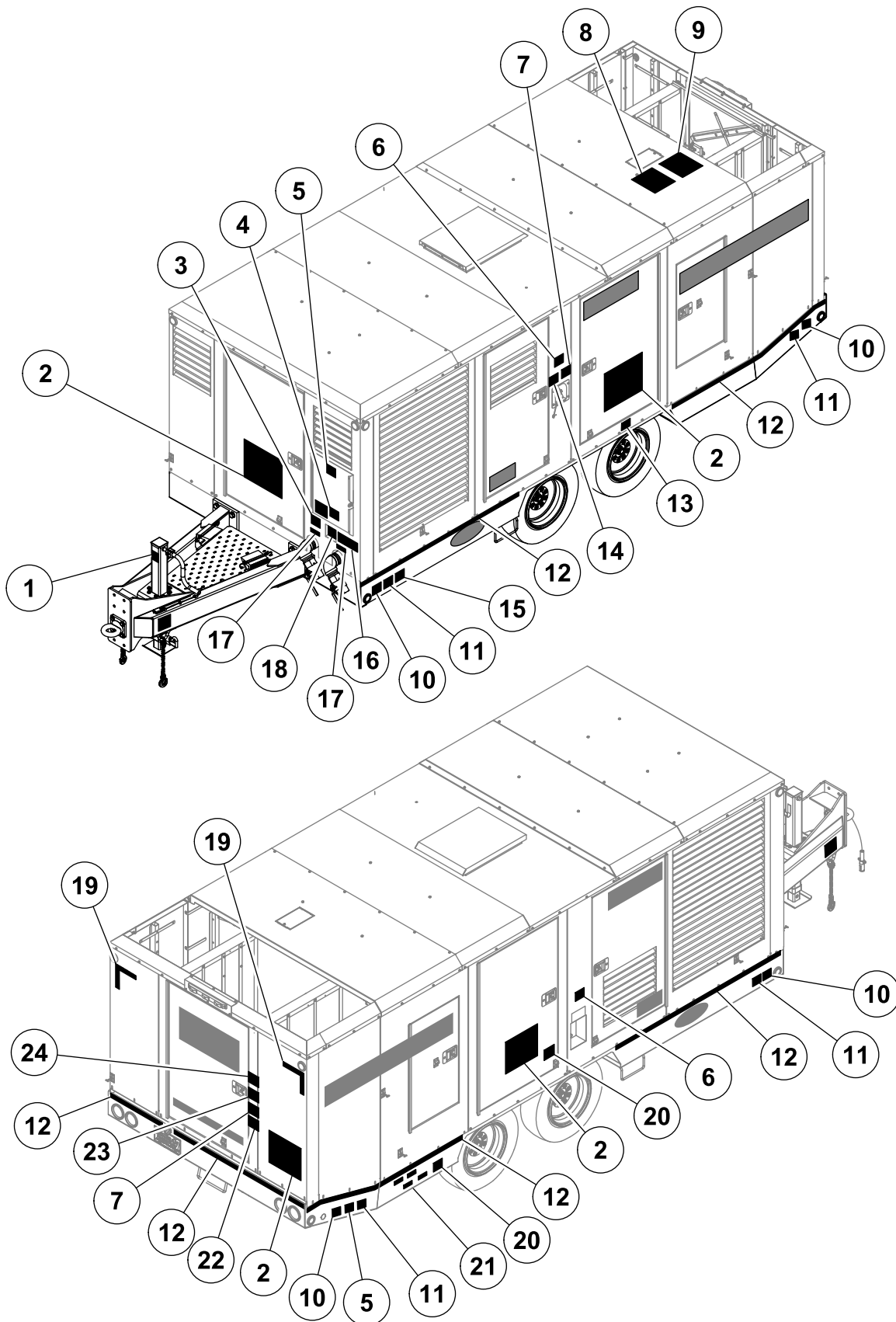


Decals, Interior Safety



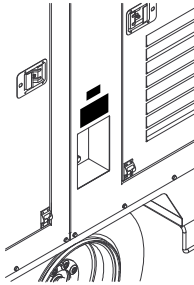
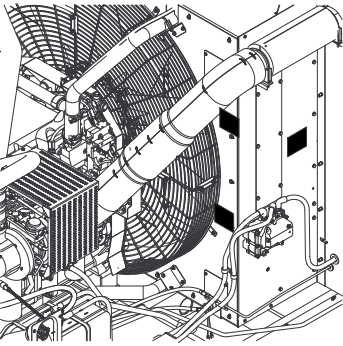
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	22265565	Decal, Overflow Bottle	1	Tandem Only
2	54699400	Decal, ISO Lift Point	2	
3	54604921	Decal, Tow Notice	2	
4	46565099	Decal, Canadian Transport	4	
5	46556990	Decal, Ultra Low Sulfur Diesel Fuel	2	
6	46621316	Decal, Battery Disconnect	1	
7	54568753	Decal, ISO Combustible	1	
8	54568779	Decal, Rotating Fan	6	
9	46576740	Decal, Guards in Place	2	
10	46586599	Tag, Tier 4 Engine Oil	1	
11	46587259	Decal, T4 Engine & Compressor Oil	3	IQ/AC Options Only
12	22383319	Decal, Oil Level	1	
13	54604970	Decal, ISO Oil Fill	1	
14	54568795	Decal, ISO High Pressure Air	1	
15	22054365	Decal, IQ Operation	1	
16	46650305	Decal, Operating Instructions	1	
17	46652618	Decal, Operator Panel Interpretation T4F	1	
18	54568787	Decal, Improper Operation	1	

Decals, Exterior Safety And Options

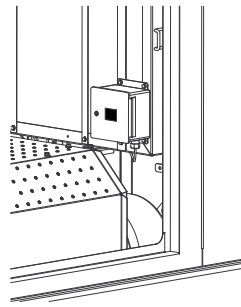


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	54568803	Decal, Collapsing Jack	1	Tandem Only
2	36534642	Decal, IQ Logo	4	IQ Option Only
	23255193	Decal, AC Logo	4	AC Option Only
3	36514602	Decal, Noise Emission	1	
4	54605027	Decal, Hazardous Voltage	2	AC Heater Option Only
5	36534675	Decal, IQ Valve Operation	1	IQ Option Only
	23255227	Decal, AC Valve Operation	1	AC Option Only
6	54604939	Decal, ISO Fall Off Unit	3	
7	46666162	Decal, DEF Corrosion	1	
8	54568761	Decal, Hot Pressurized Fluid	1	
9	54604962	Decal, Hot Radiator Fill	1	
10	22164305	Decal, Containment	4	
11	54749205	Decal, No Weld	4	
12	36893329	Decal, Conspicuity 2"	395	Measured in inches
13	46656828	Decal, DEF Drain	1	
14	46652201	Decal, Diesel Exhaust Fluid	1	
15	23241045	Decal, VIN	1	
16	54629902	Decal, 3-Part Warning	1	
17	54774591	Decal, IQ Air Valves	1	IQ Option Only
	23255219	Decal, AC Air Valves	1	AC Option Only
18	46586563	Decal, Emergency Stop	1	
19	36893337	Decal, Conspicuity White 2" X 12"	2	
20	46491635	Decal, Central Drain	1	
21	35859354	Decal, Separator Tank Drain	1	
22	46559883	Decal, Exhaust Gas	1	
23	54604988	Decal, Door Under Pressure	1	
24	22334916	Decal, Hot Surface	1	

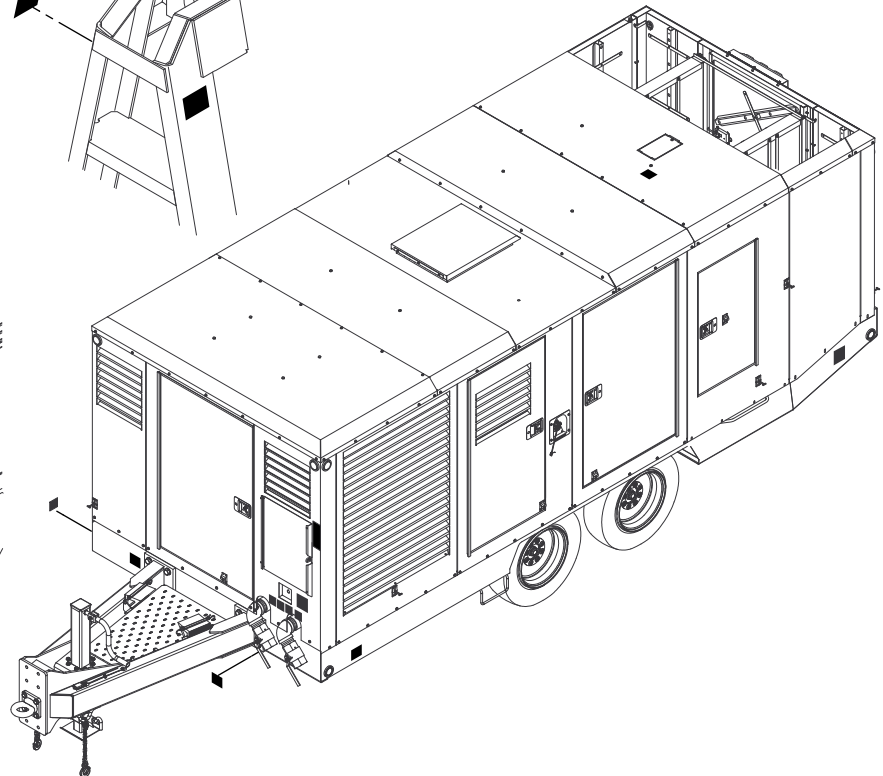
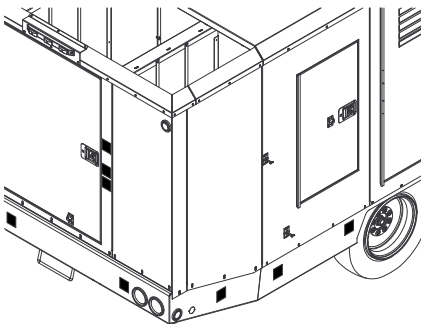
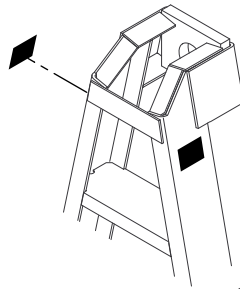
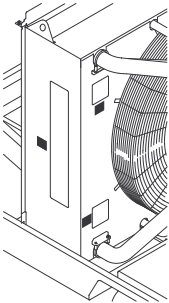
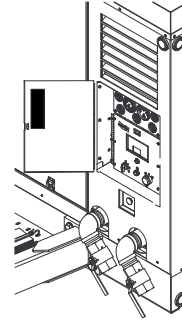
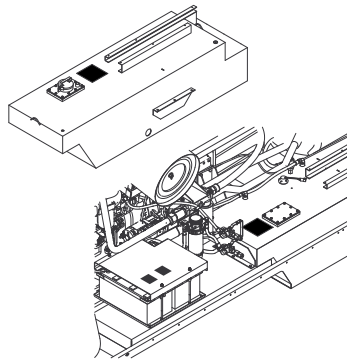
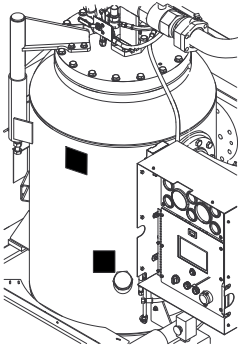
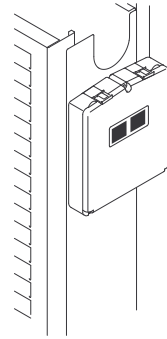
Decals, EEC



Optional



Optional



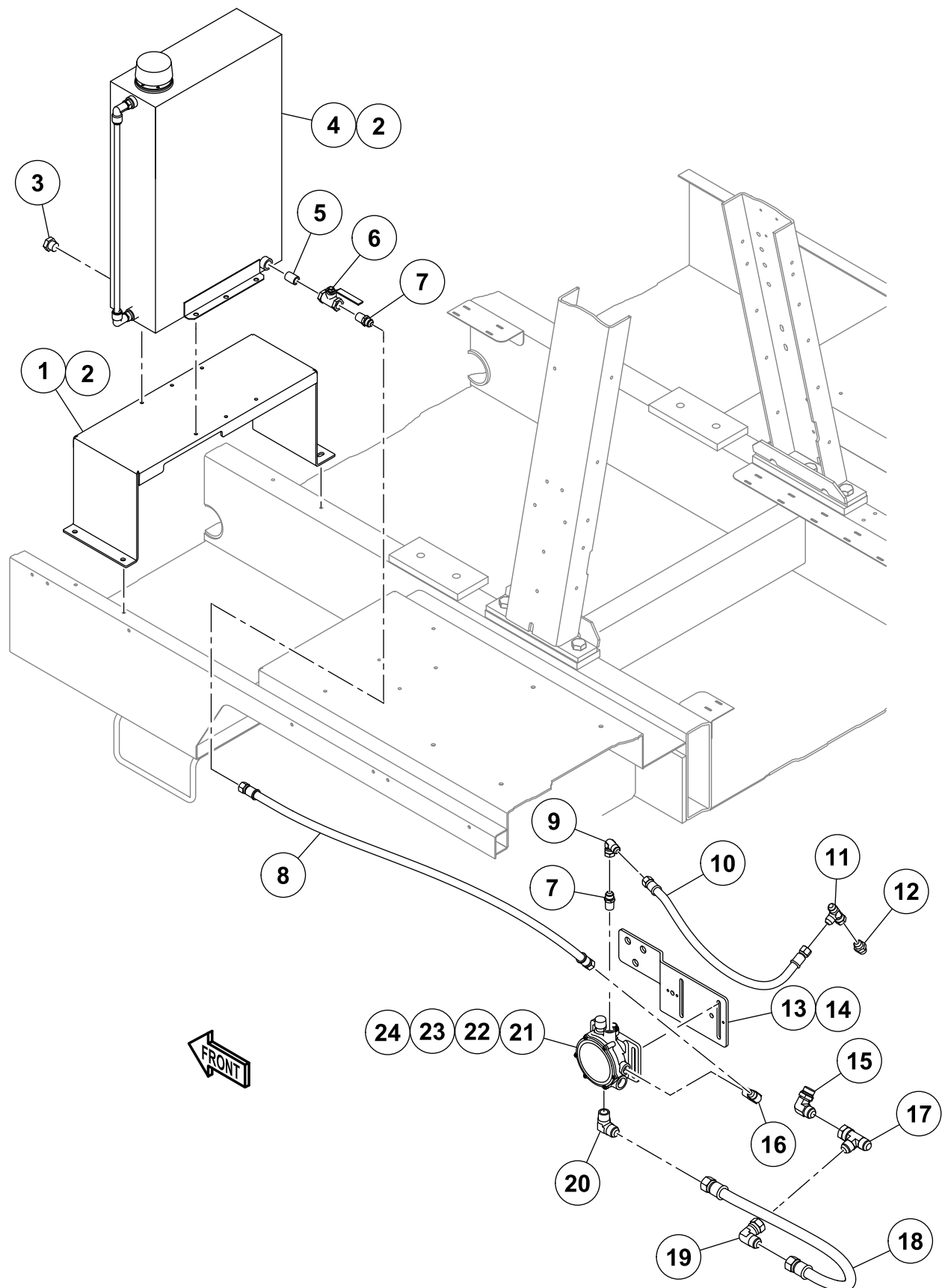
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46654478	Decal Sheet, EEC	1	

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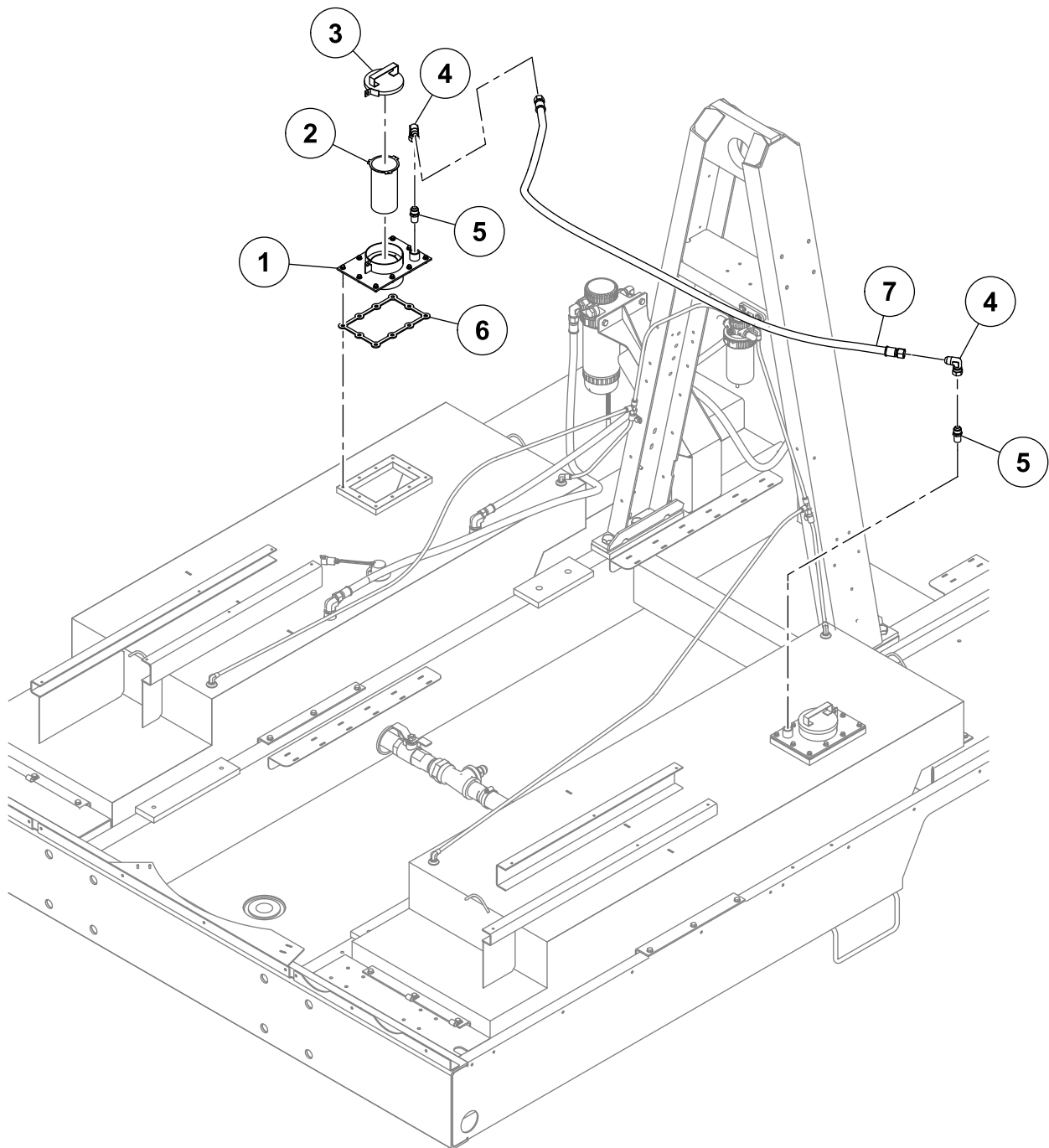
OPTION PARTS

Engine Oil Replenishment

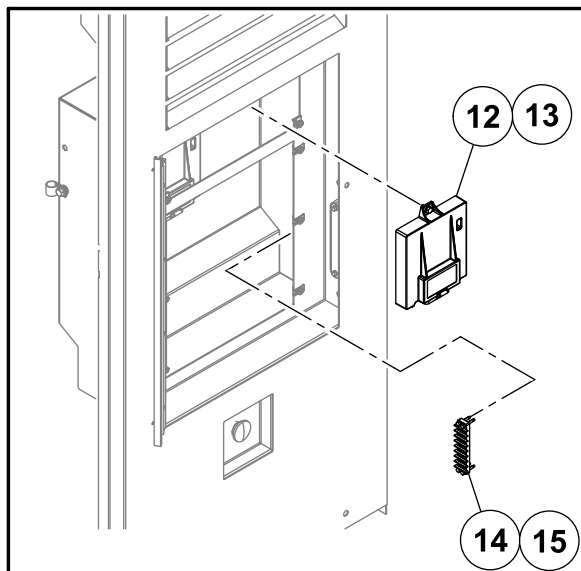
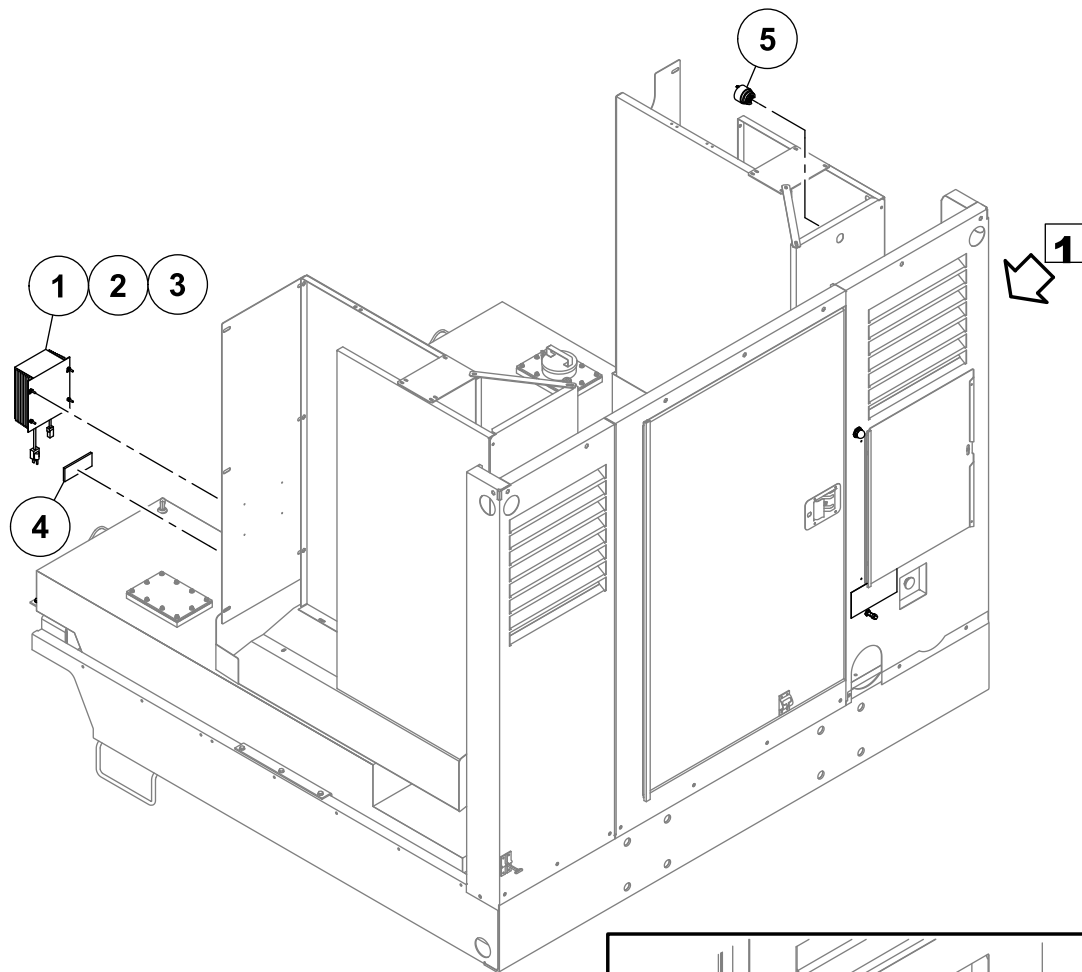


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46584719SB	Mount, Oil Replenishment Tank	1	
2	35279025	Screw, Hex M08 - 1.25 X 20	10	
3	36889186	Plug, 1/2"NPT Pipe	1	
4	46584822SB	Tank, Oil Replenishment	1	
5	95934279	Nipple, 1/2" X 1-1/8"	1	
6	35581792	Valve, Ball Service 1/2"	1	
7	35286426	Adapter, 1/2" NPT X -8 JIC	2	
8	35307719	Hose, -8 JIC X 48"	1	
9	35287911	Elbow, 90° Swivel Nut -8	1	
10	35288026	Hose, -8 JIC X 23"	1	
11	35287929	Tee, -8JIC X -8 JIC X -8 JIC Female	1	
12	22063945	Connector, M18 X -8 JIC	1	
13	46651873SB	Bracket, Murphy Oil Level	1	
14	95935185	Screw, Hex 5/8" - 11 X 1-1/4"	3	
15	22063937	Elbow, 90°, M27 X -12 JIC	1	
16	35309210	Elbow, 90°, 1/2" NPT X -8	1	
17	35287739	Tee, -12 JIC	1	
18	35294693	Hose, -12 JIC X 30"	1	
19	35301506	Elbow, 90°, -12 JIC	1	
20	35294735	Elbow, 90°, -12 JIC X 3/4" NPT	1	
21	46573659	Gauge, Oil Level	1	
22	95936027	Screw, Carriage Round 3/8" - 16 X 1-1/4"	2	
23	95935037	Washer, Flat 3/8" Dia.	2	
24	95923322	Nut, Hex 3/8" - 16	2	

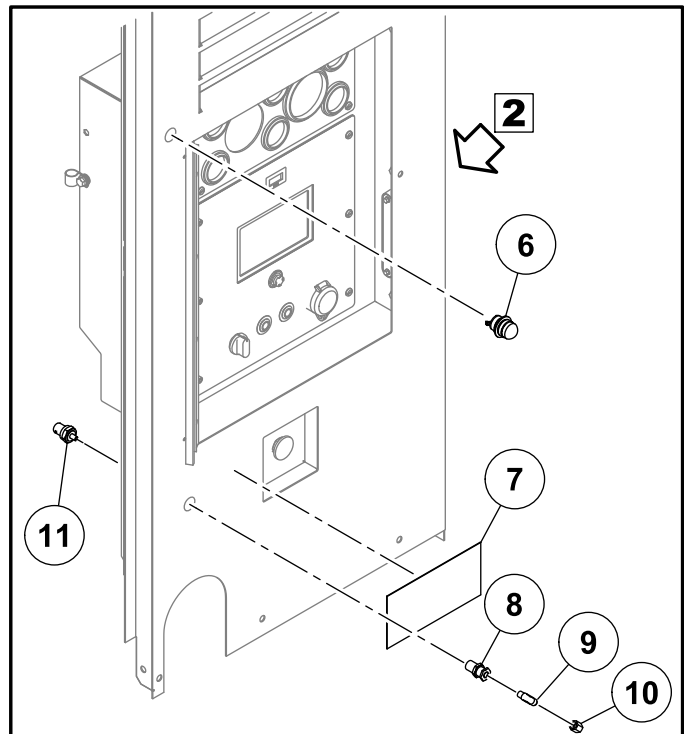
Fuel System, Fuel Tank Crossover Vent Line



Auto Start With 120VAC Battery Charger



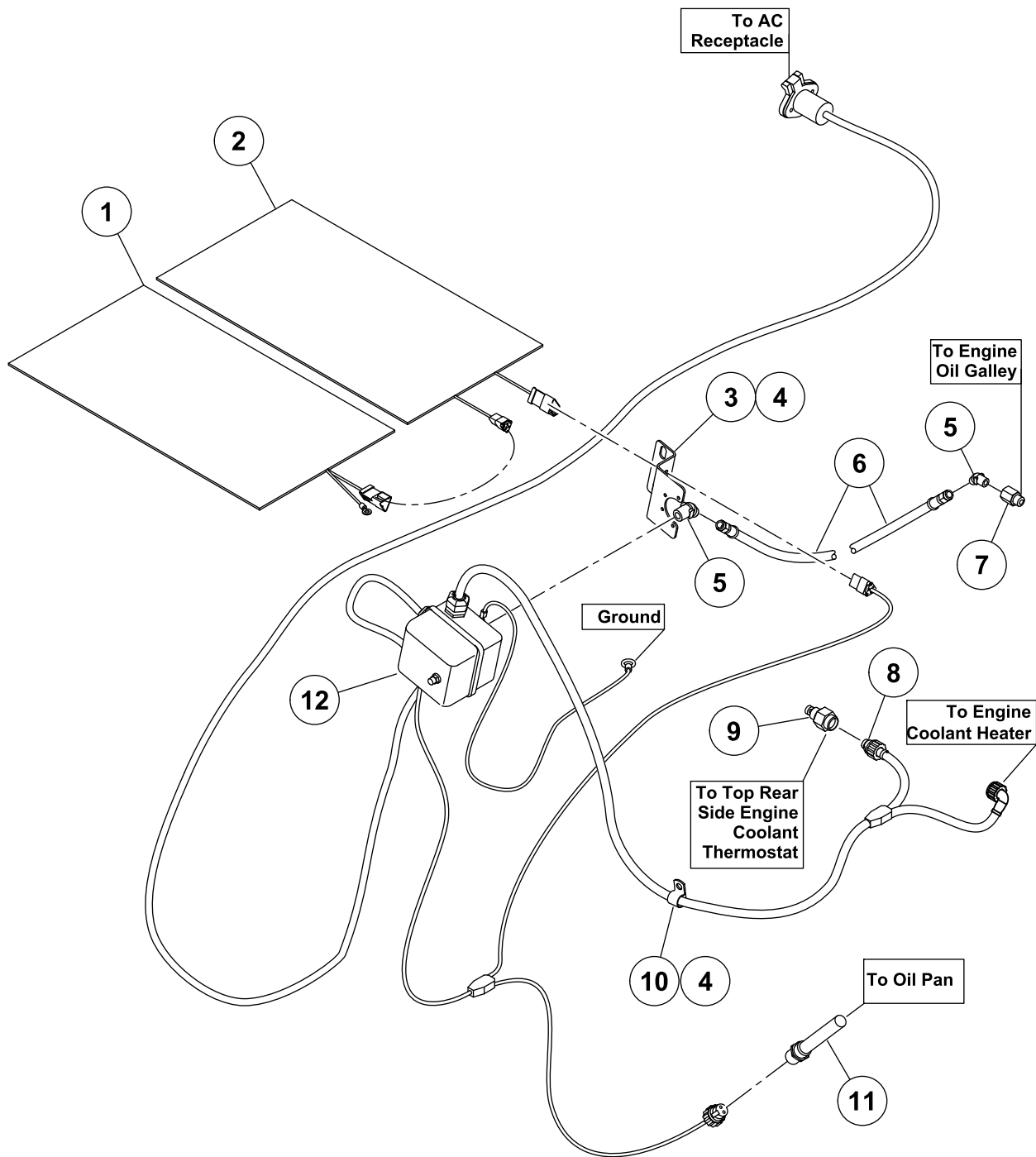
DETAIL 2



DETAIL 1

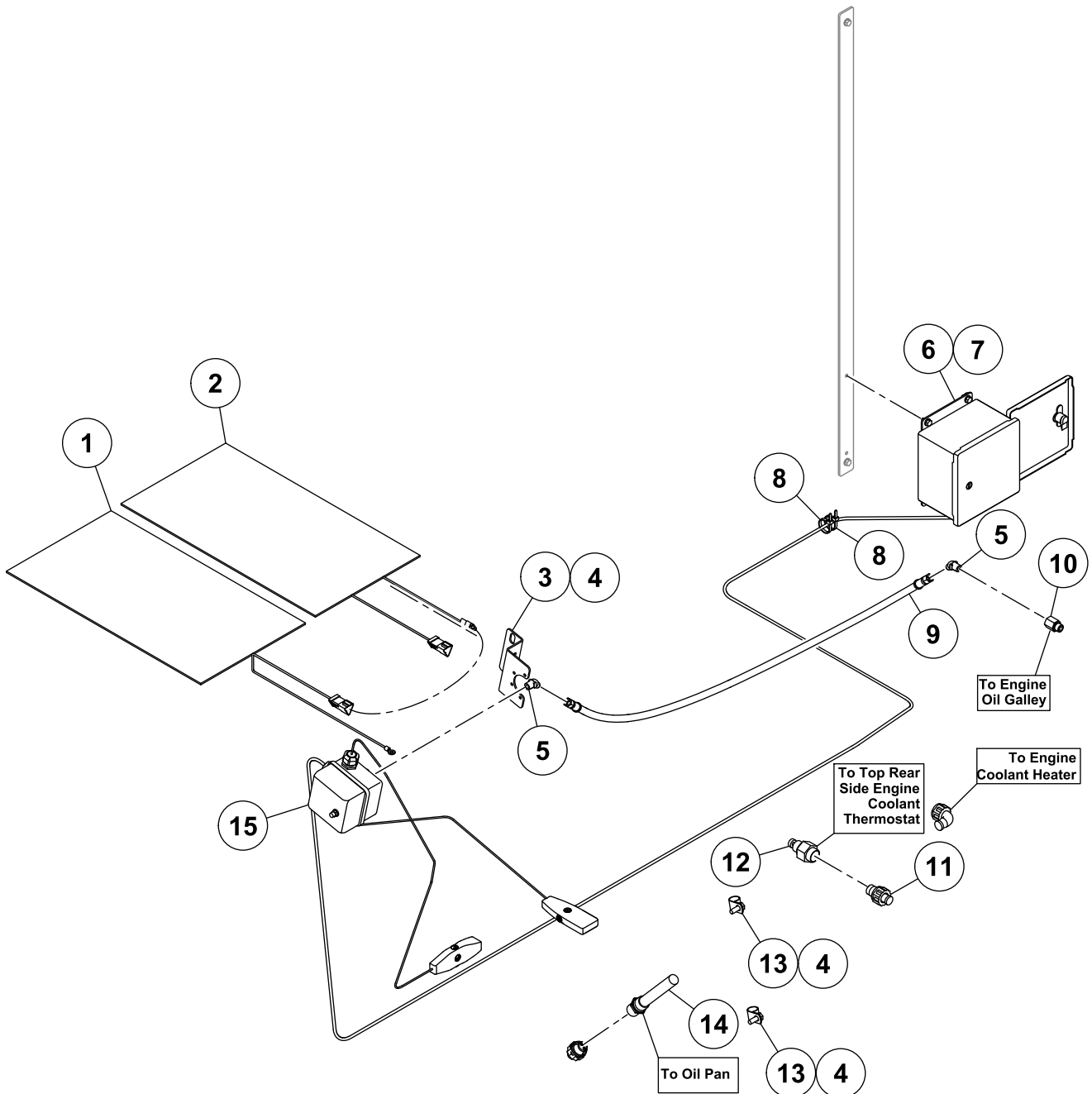
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	54715941	Battery Charger, 24 VDC	1	120VAC Option
	22096333	Battery Charger, 24 VDC	1	240VAC Option
2	36842102	Screw, Hex, Slotted, #10 -32 UNF X 1"	4	
3	95928800	Nut, Nylock, #10 -32 UNF	4	
4	54749155	Decal, Battery Charger	1	
5	36785145	Alarm, Audio Signal	1	
6	46622649	Lamp, Panel, LED, Red 24VDC	1	
7	22984660	Decal, Auto Start/Stop	1	
8	36793578	Fitting, 1/8" X 1/8"	1	
9	35306687	Elbow, 90°, -4 JIC X 1/8" NPT	1	
10	95257333	Cap, -4 JIC	1	
11	54496773	Transducer, Pressure, 0-225 PSI	1	
12	46587079	Controller, Titan, Generic	1	
13	92368687	Screw, Hex, Tapping, M06 -1.0 X 14	3	
14	22307706	Block, Terminal, 8-Way X 2	1	
15	22068282	Screw, Hex, Tapping, M04 -0.70 X 25	4	

Heaters, 120VAC



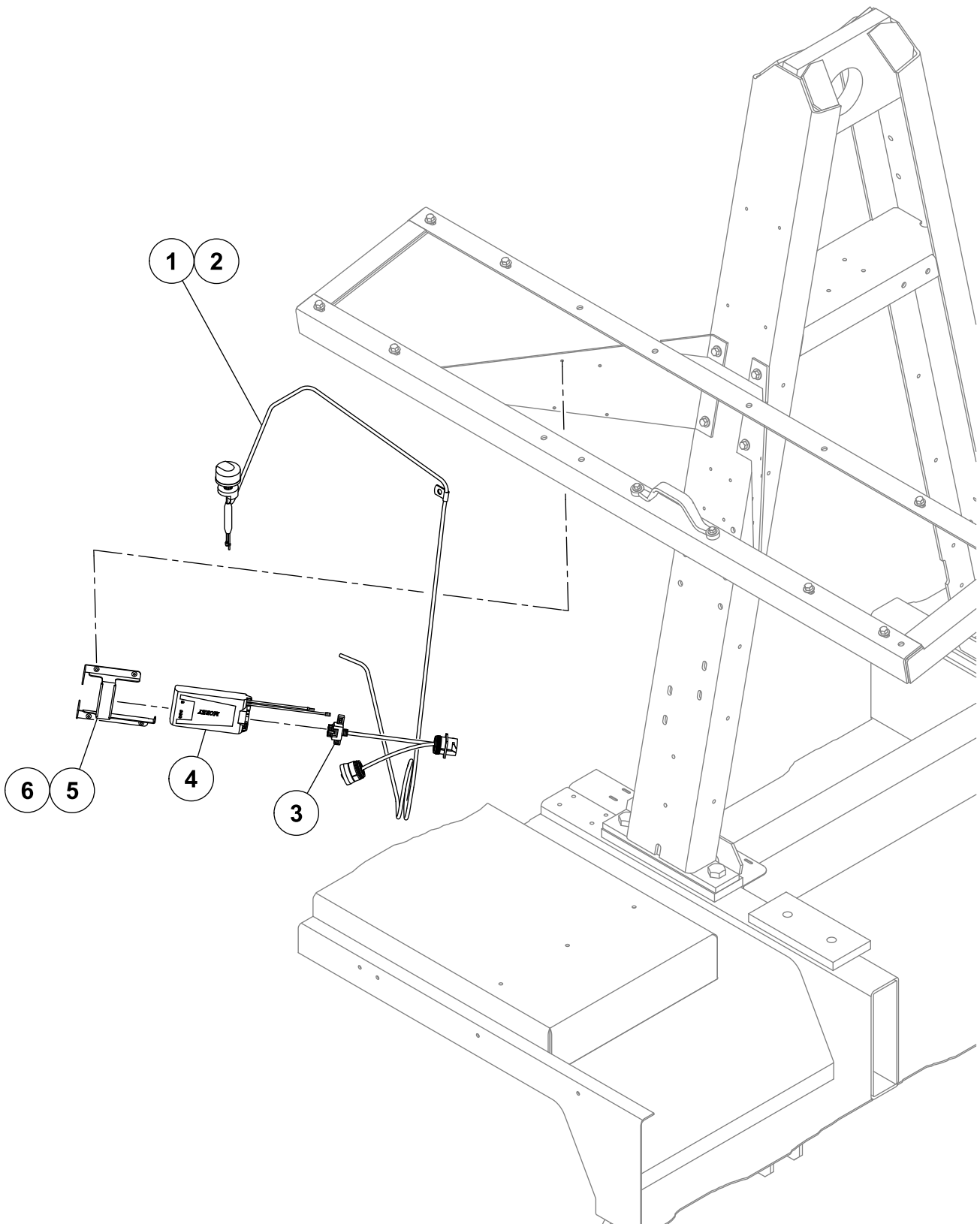
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36920346	Heater, Single Lead Battery Pad	1	
2	36920338	Heater, Dual Lead Battery Pad	1	
3	36851533SB	Bracket, Pressure Switch	1	
4	35279025	Screw, Hex M08 - 1.25 X 20	4	
5	35321223	Elbow, 45° 1/4" NPT X -4 JIC	2	
6	35283480	Hose, -4 JIC X 48"	1	
7	54720719	Adapter, M14 - 1.5 X 1/4" NPT w/O-Ring	1	
8	46555953	Sensor, Heat LSU-10	1	
9	54480298	Well, Thermostat	1	
10	35225077	Clamp, Support 3/8" Rubber Coated	2	
11	46607721	Heater, Engine Oil Pan 120VAC 150W	1	
12	46607641	Harness, Engine AC Heater 120VAC	1	
	46607640	Kit, AC Heaters, 120V	1	

Heaters, 240VAC



ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	54392634	Heater, Battery Pad, 240V, 75W, 495MM X 267MM, 3 Pin	1	Not Shown
2	54392626	Heater, Battery Pad, 240V, 75W, 495MM X 267MM, 3 Pin	1	
3	36851533SB	Bracket, Pressure Switch	1	
4	35279025	Screw, Hex M08 - 1.25 X 20	4	
5	35321223	Elbow, 45° 1/4" NPT X -4 JIC	2	
6	36797652	Screw, Hex M06 - 1.0 X 12	6	
7	95935037	Washer, Flat 3/8"	4	
8	46651840	Tie, Cable	2	
9	35283480	Hose, -4 JIC X 48"	1	
10	54720719	Adapter, M14 - 1.5 X 1/4" NPT w/O-Ring	1	
11	46555953	Sensor, Heat LSU-10	1	
12	54480298	Well, Thermostat	1	
13	35225077	Clamp, Support 3/8" Rubber Coated	2	
14	46608168	Heater, Engine Oil Pan 240VAC 150W	1	
15	46666639	Harness, Engine AC Heater 240V, 3600W With Terminal Block	1	
	23168545	Heater, Engine Coolant	1	
	46666638	Kit, AC Heaters, 240V 360W With Terminal Box	1	

Telematics System



ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46654936	Antenna, Telematics	1	Not Shown
2	36853174	Clamp, Support, 1/4" ID (Mount Using Existing Screw Mounting Ether Bottle)	1	
3	46654938	Cable, 9-Pin Split Connector	1	
4	46654937	Module, Telematic	1	
5	46654935	Bracket, Mounting MC-3	1	
6	36881118	Rivet, 3/16"	4	
	35268788	Tie, Cable, 1/8" X 8"	7	

INTENTIONALLY LEFT BLANK



RECOMMENDED SERVICE PARTS

PART NO.	DESCRIPTION	FUNCTIONAL GROUP
39929351	Seal, Oil	Airend
35355536	O-Ring	Airend
54765946	Transducer, Pressure, 0-500 PSI	Airend
46649430	Valve, Blowdown	Airend / Blowdown
35132299	Silencer, Blowdown EPA	Airend / Blowdown
35316405	Valve, Anti-Rumble	Airend / Blowdown
36754059	Gasket	Airend / Inlet Intake
35584689	Cylinder, Air	Airend / Inlet Intake
35579523	Spring	Airend / Inlet Intake
95245288	Nut, Hex, Jam 7/16" X 20	Airend / Inlet Intake
35300532	Bearing, Rod	Airend / Inlet Intake
36920825	Transducer, Pressure, 0-100 PSI	Airend / Regulation
35315795	Valve, Regulator, Spring	Airend / Regulation
35322379	Valve, Blowdown	Airend / Regulation
35379064	Repair Kit, Diaphragm	Airend / Regulation
37081528	Orifice, 0.063" Dia X 1/4" NPT	Airend / Regulation
46576919	Compressor, 24 VDC	Airend / Regulation
35248145	Connector, 1/4" NPTF Ball Check Valve	Airend / Regulation
36842318	Valve, Solenoid, 24V 1/4" NPT	Airend / Regulation
46553075	Valve, Solenoid, .25IN 24VDC	Airend / Regulation
22225205	Valve, Safety, 1/4" NPT	Airend / Regulation
36864361	Element, Primary	Air Intake
36864379	Element, Safety	Air Intake
36867778	Valve, Evacuator	Air Intake
36847838	Switch, Vacuum	Air Intake
23294838	Sensor, Temperature 1/2" NPT	Air Intake
36853505	Lock Nut	Air Intake
46566779	Senor, TBAP	Air Intake
22078190	Cap, Radiator	Cooling / Radiator
22769186	Sensor, Coolant Level	Cooling / Radiator
22058564	Hose, Straight Bellows 4" – 3"	Cooling / Radiator
54422522	Connector, 4" Ribbed	Cooling / Radiator
46651420	Controller, Titan	Electrical / Controls
46594821	Display, Viewport	Electrical / Controls
46615979	Circuit Breaker, Thermal 150 AMP	Electrical / Controls
23281017	Switch, Emergency Stop	Electrical / Controls
23326069	Fuse, 5A	Electrical / Fuse/Relay Center
23091812	Fuse, 10A	Electrical / Fuse/Relay Center
23091820	Fuse, 15A	Electrical / Fuse/Relay Center
23091838	Fuse, 20A	Electrical / Fuse/Relay Center
23091846	Fuse, 25A	Electrical / Fuse/Relay Center
23091853	Fuse, 30A	Electrical / Fuse/Relay Center
23316250	Relay, 24VDC ISO 280	Electrical / Fuse/Relay Center
46558799	Gauge, Pressure 0–250 PSI	Electrical / Gauge Panel

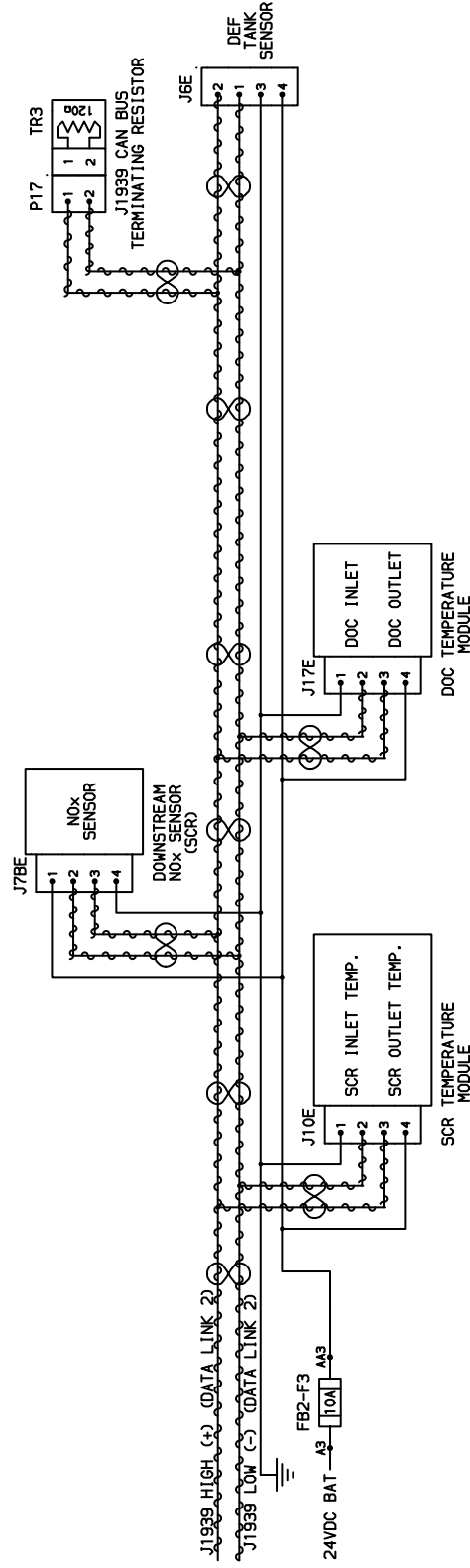
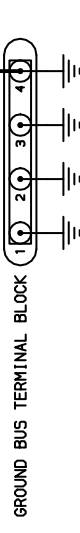
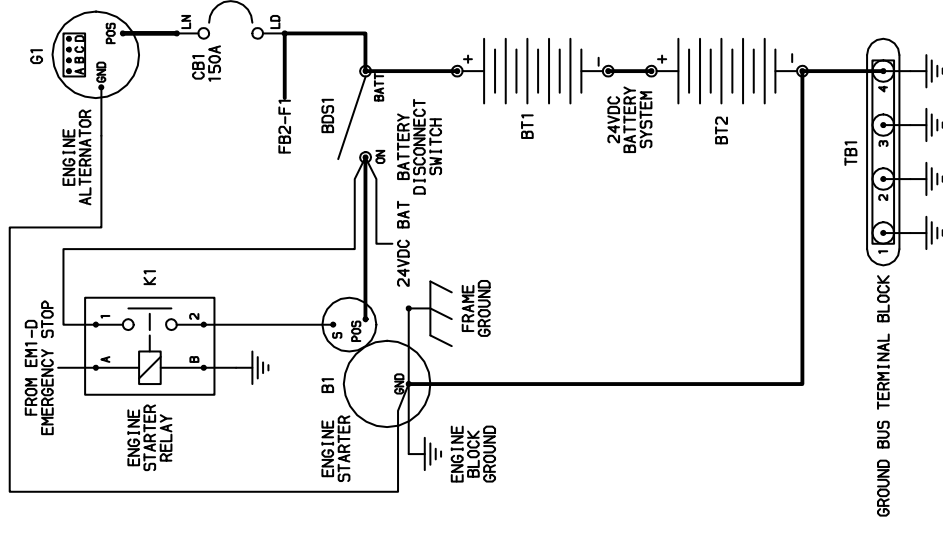
PART NO.	DESCRIPTION	FUNCTIONAL GROUP
46558806	Gauge, Airend Discharge Temperature	Electrical / Gauge Panel
46558805	Gauge, Voltmeter	Electrical / Gauge Panel
46565479	Gauge, Fuel Level	Electrical / Gauge Panel
46558802	Gauge, Tachometer	Electrical / Gauge Panel
46558804	Gauge, Engine Coolant Temperature	Electrical / Gauge Panel
46558803	Gauge, Engine Oil Pressure	Electrical / Gauge Panel
46636464	Gauge, Diesel Exhaust Fluid Level	Electrical / Gauge Panel
46641633	Switch, Selector, 3–Position	Electrical / Operator Panel
46643146	Knob, Control with Set Screw	Electrical / Operator Panel
46663130	Switch, Push Button	Electrical / Operator Panel
46556142	Switch, Selector, 3–Position	Electrical / Operator Panel
46556145	Cover, Switch Padlockable	Electrical / Operator Panel
36892362	Relay, 24V SPDT	Electrical / Operator Panel
46557109	Hourmeter, Digital	Electrical / Operator Panel
54662051	Conditioner, Coolant Filter	Engine
46643008	Belt, Engine Fan	Engine
46615382	Belt, Alternator	Engine
46615380	Kit, Ether QX15	Engine
46610619	Element, Crankcase Breather Filter	Engine
35112911	Cylinder, Ether	Engine
35584556	Mount, Center Bond	Engine
54662028	Filter, Engine Oil	Engine
46618460	Filter, Fuel 3 Micron	Engine / Fuel
46594960	Element, Fuel Tank Vent Filter	Engine / Fuel
46578120	Element, Fuel, Filer 7 Micron	Engine / Fuel
46610819	Bowl, Fuel / Water Separator	Engine / Fuel
46609799	Sensor, Water in Fuel	Engine / Fuel
46565979	Sensor, Fuel Level	Engine / Fuel
36845014	Cap, Fuel Filler	Engine / Fuel
36845022	Strainer, Fuel Tank	Engine / Fuel
46652904	Filter, DEF Pump	Exhaust
46653364	Strainer, DEF Tank Suction	Exhaust
46641521	Valve, Coolant Control	Exhaust
46651370	Hose, Heated DEF	Exhaust
46651371	Hose, Heated DEF	Exhaust
46652547	Hose, Heated DEF	Exhaust
46651331	Cap, External DEF Fill	Exhaust
46671454	Element, Airend Oil Filter	Oil Piping
22201271	Lip Seal	Oil Piping / OTBV
22201289	Screws	Oil Piping / OTBV
39207402	Element, Temperature 150 Deg F	Oil Piping / OTBV
95225116	Gasket, Ring (Airend & Separator Tank)	Service Air / Discharge Pipe
95358040	O-Ring, Std-237 3/8" ID X 1/8" WD	Service Air / Discharge Pipe
23294820	Sensor, Temperature 3/8" NPT	Service Air / Discharge Pipe

PART NO.	DESCRIPTION	FUNCTIONAL GROUP
46553971	Valve, Safety, 440 PSI	Service Air / Separator Tank
46568519	Switch, Pressure 12 PSI	Service Air / Separator Tank
35277797	O-Ring, 2–11/32" ID	Service Air / Separator Tank
46555952	Element, Separator	Service Air / Separator Tank
36922144	Light, Identification	Trailer / Lighting
36895860	Light, License	Trailer / Lighting
35367051	Lamp, Clearance Yellow	Trailer / Lighting
35367044	Lamp, Clearance Red	Trailer / Lighting
36788081	Lamp, Stop-Turn & Tail	Trailer / Lighting
36893642	Grommet, Clearance Lamp	Trailer / Lighting
36893634	Grommet, Clearance Lamp	Trailer / Lighting
36787968	Grommet, Reflector	Trailer / Lighting
46557016	Fluid, Tier 4 Engine Oil (5 Gal)	Fluid
22252126	Fluid, Compressor XHP405 (5 Gal)	Fluid
22252076	Fluid, Compressor XHP605 (5 Gal)	Fluid
46637399	Kit, 500 HR Maintenance	
46637400	Kit, 1000 HR Maintenance	
46656760	Kit, 2000 HR Maintenance	

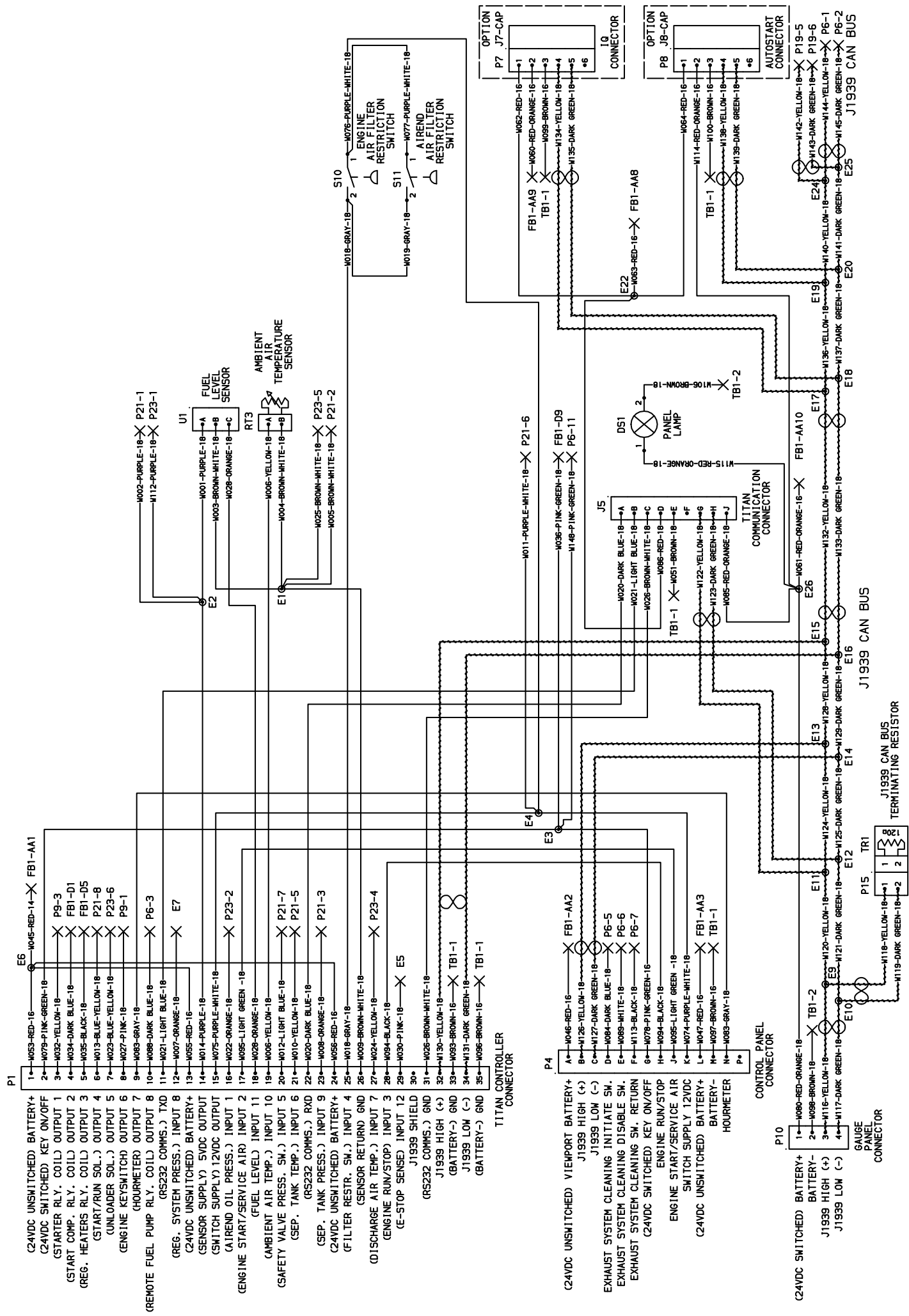


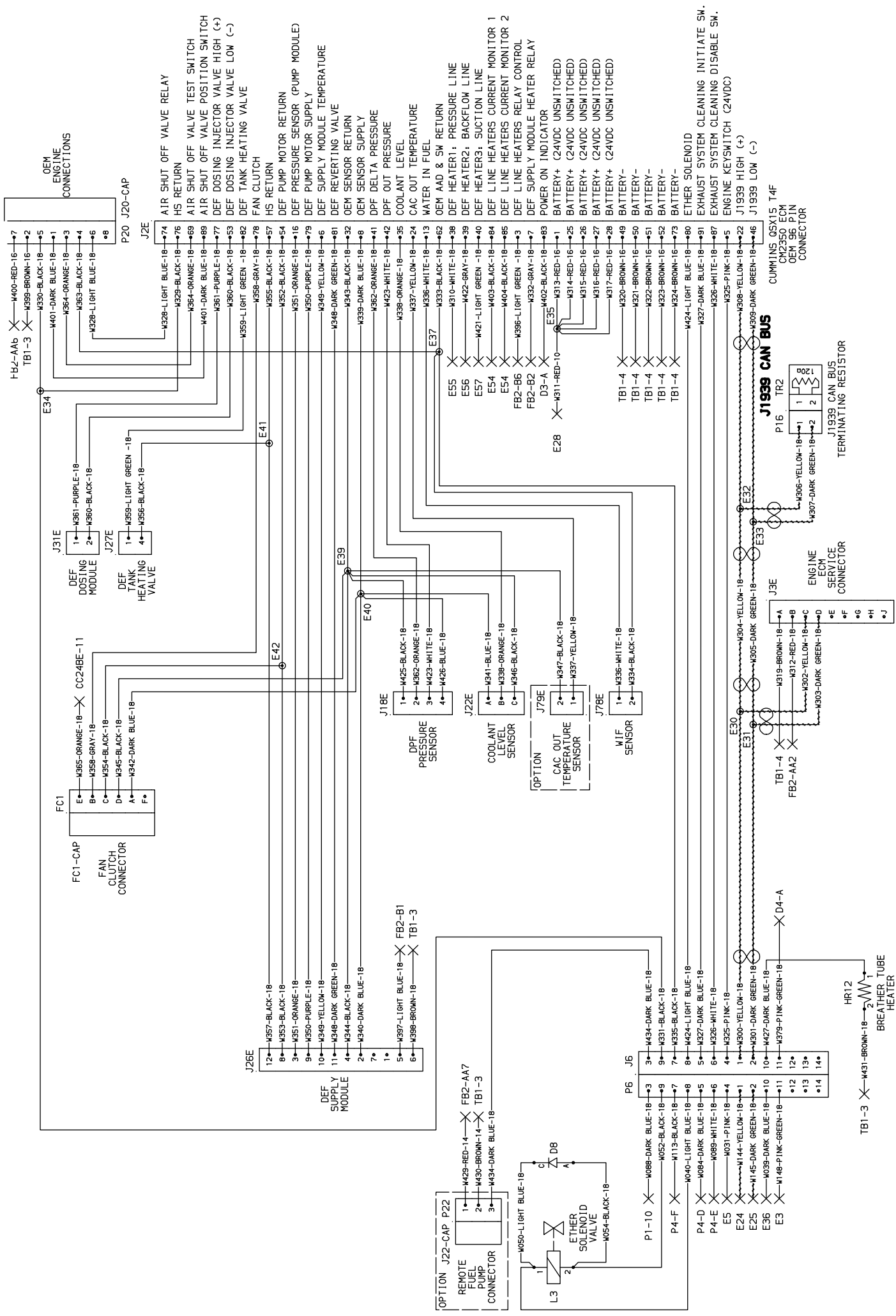
WIRING DIAGRAMS

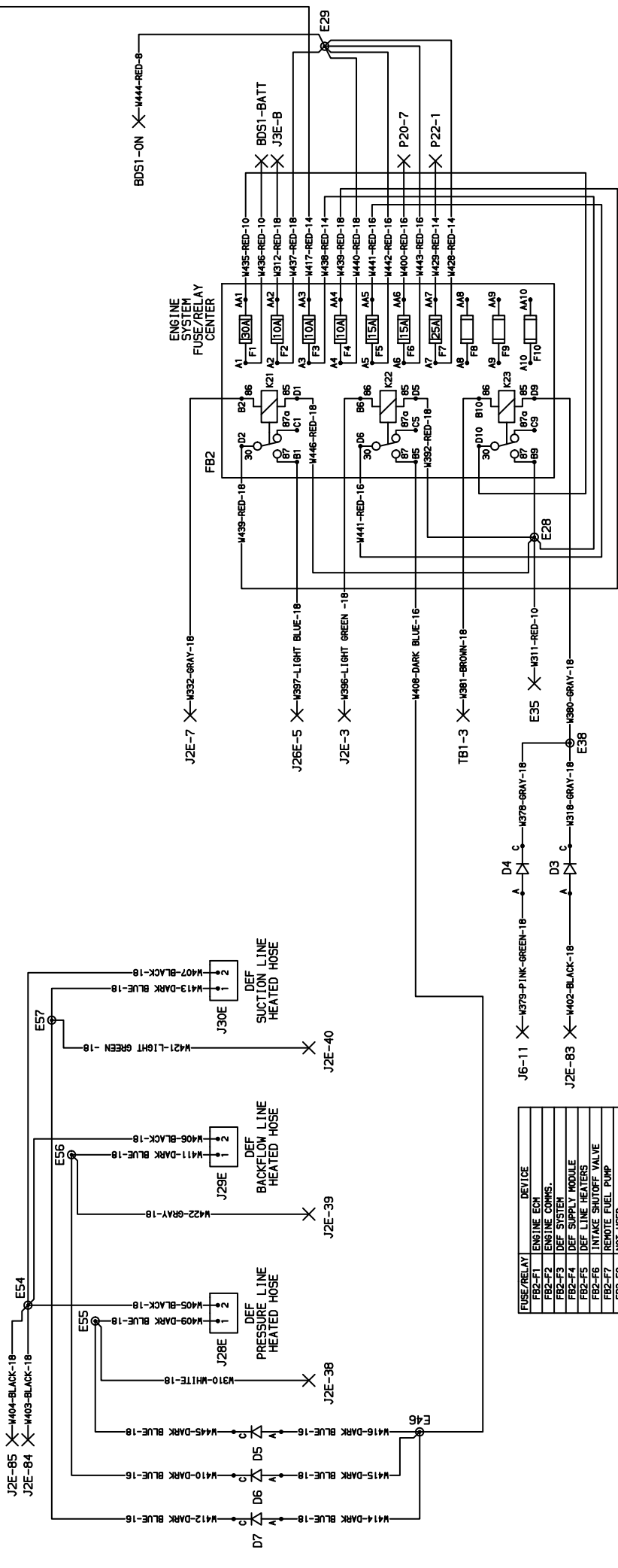
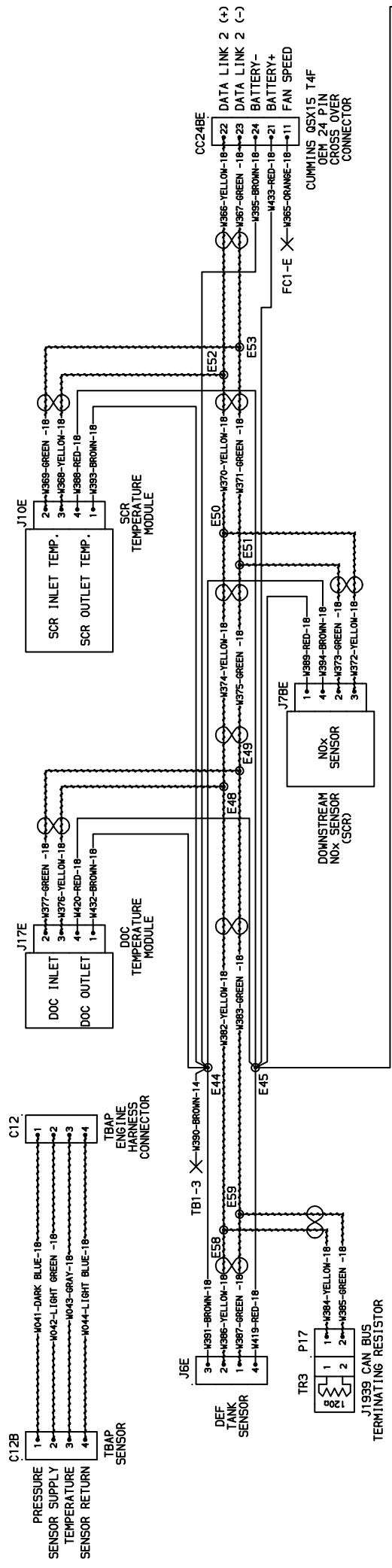




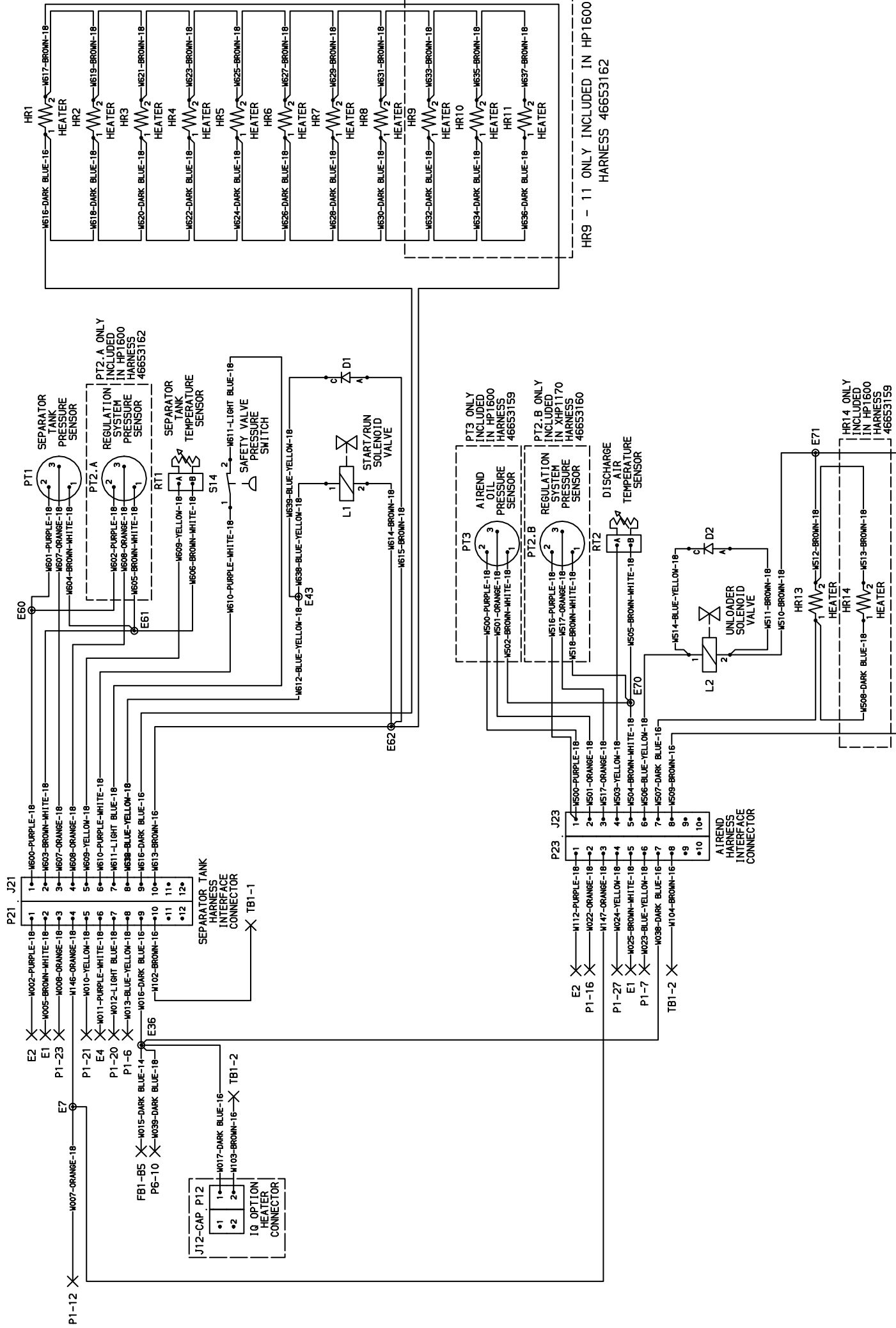
Compressor and Engine Control System Schematic 46664154 Rev. D



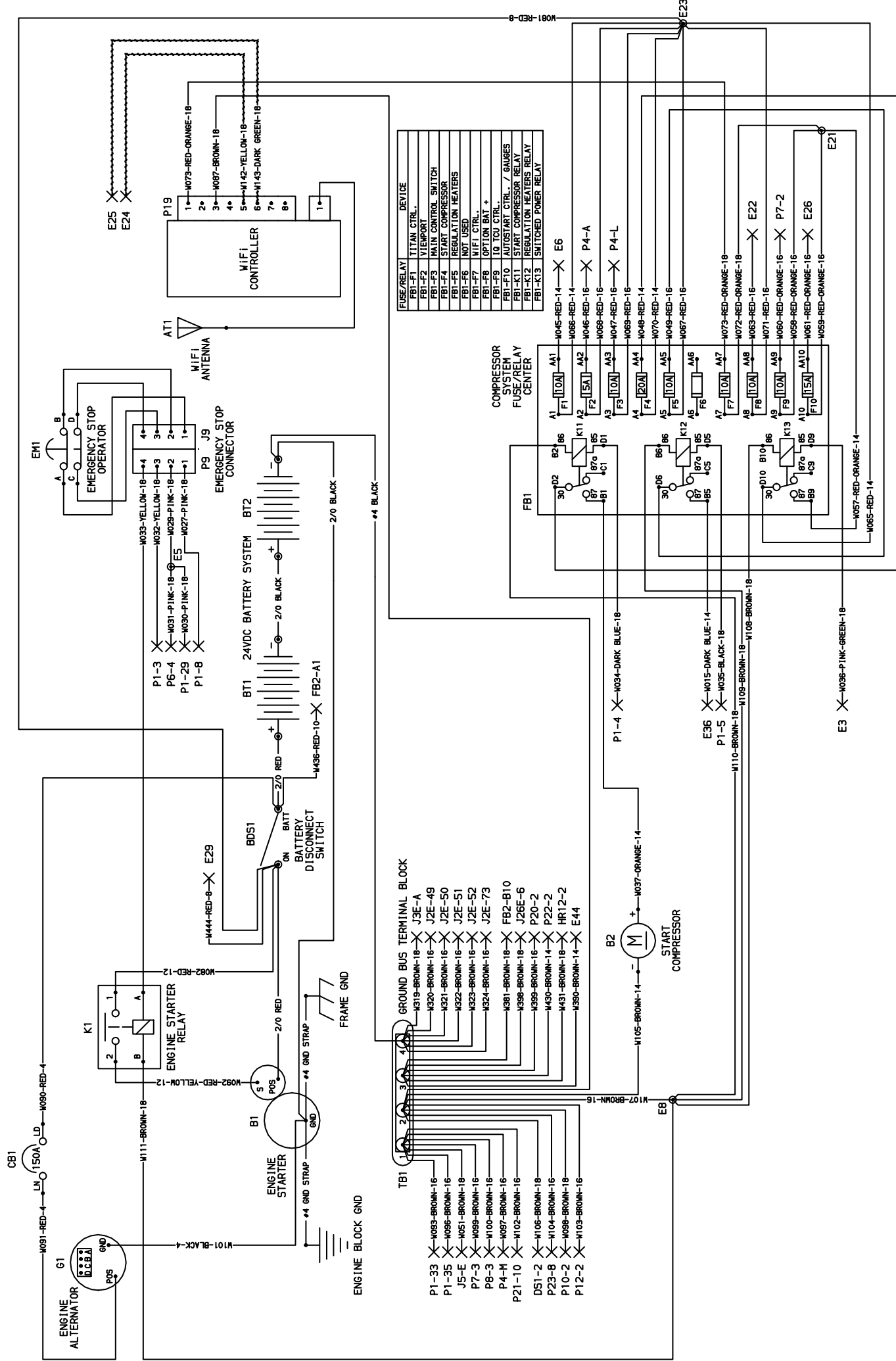




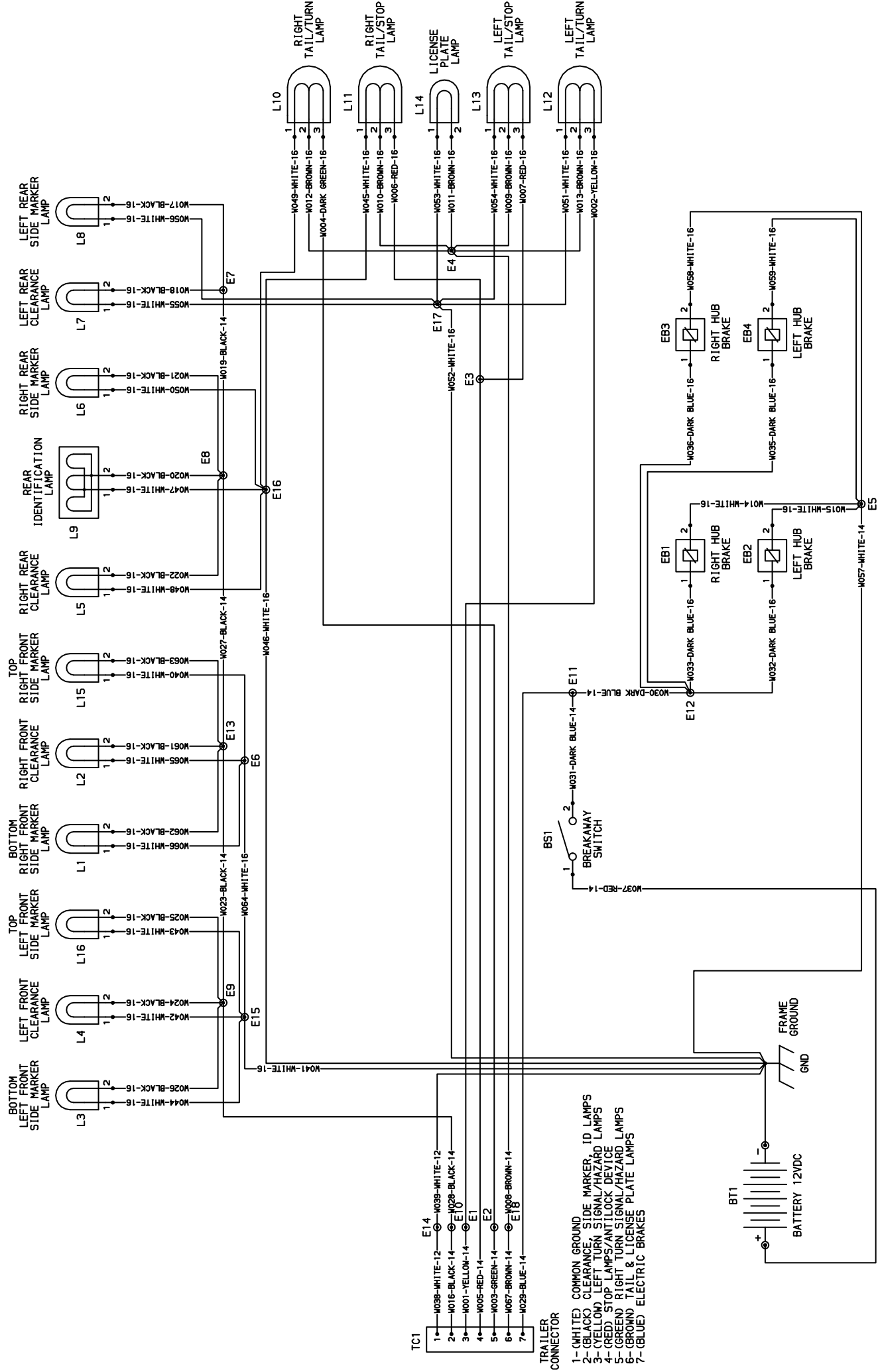
FUSE/RELAY	DEVICE
F82-F1	ENGINE ECM
F82-F2	ENGINE COMMS.
F82-F3	DEF SYSTEM
F82-F4	DEF SUPPLY MODULE
F82-F5	DEF LINE HEATERS
F82-F6	INTAKE SHUTOFF VALVE
F82-F7	REMOTE FUEL PUMP
F82-F8	NOT USED
F82-F9	NOT USED
F82-F10	NOT USED
F82-K21	DEF SUPPLY MODULE RELAY
F82-K22	DEF LINE HEATERS RELAY
F82-K23	ECM POWER ON RELAY



Compressor & Engine Harness Wiring Diagram 46653157 Rev D



Compressor & Engine Harness Wiring Diagram 46553157 Rev D



Trailer Harness Wiring Diagram 46578803 Rev. A

Compressor and Engine

Reference Designator	Description	Part Number
	Titan Controller	46651420
	Compressor Harness	46653158
	Engine Harness	46653161
	Airend Harness	46653160
	Separator Tank Harness	46655655
	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
C12B	TBAP Sensor	46566779
D1	Diode	35376169
D2	Diode	35376169
D3	Diode	35376169
D4	Diode	35376169
D5	Diode	35376169
D6	Diode	35376169
D7	Diode	35376169
DS1	Panel Lamp	46582799
EM1	Emergency Stop	23281017
CB1	Engine Alternator Circuit Breaker 150A	46615979
FB1	Fuse/Relay Center Replacement	46556356
FB1	Fuse/Relay Center Replacement Cover	23366172

Reference Designator	Description	Part Number
FB1	Fuse/Relay Center Decal Outside Cover	46574381
FB1	Fuse/Relay Center Decal Inside Cover	46666640
FB1-F1	Titan Controller Fuse 10 Amp	23091812
FB1-F2	ViewPort Display Fuse 5 Amp	23326069
FB1-F3	Main Control Switch Fuse 10 Amp	23091812
FB1-F4	Start Compressor Fuse 20 Amp	23091838
FB1-F5	Regulation Heaters Fuse 10 Amp	23091812
FB1-F7	WiFi Controller Fuse 10 Amp	23091812
FB1-F8	Accessory Fuse 10 Amp	23091812
FB1-F9	IQ TCU Controller Fuse 10 Amp	23091812
FB1-F10	AutoStart Controller Fuse 15 Amp	23091820
FB1-K11	Start Compressor Relay	23316250
FB1-K12	Regulation Heaters Relay	23316250
FB1-K13	Switched Power Relay	23316250
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	46666641
FB2-F1	Engine ECM Fuse 30 Amp	23091853
FB2-F2	Engine Communication Fuse 10 Amp	23091812
FB2-F3	DEF System Fuse 10 Amp	23091812
FB2-F4	DEF Supply Module Fuse 10 Amp	23091812
FB2-F5	DEF Line Heaters Fuse 15 Amp	23091815
FB2-F6	Intake Shutoff Valve Fuse 15 Amp	23091815
FB2-K21	DEF Supply Module Relay	23316250
FB2-K22	DEF Line Heaters Relay	23316250
FB2-K23	ECM Power ON Relay	23316250
G1	Engine Alternator	Cummins Part
FB2-F7	Remote Fuel Pump Fuse 25A	23091846

Electrical Parts List

Compressor and Engine (Cont'd)

Reference Designator	Description	Part Number
J10E	SCR Temperature Module	Cummins Part
J17E	DOC Temperature Module	Cummins Part
J22E	Coolant Level Sensor	22769186
J26E	DEF Supply Module	46605124
J27E	DEF Tank Heating Valve	46641521
J28E	DEF Pressure Line Heated Hose	46647161
J29E	DEF Backflow Line Heated Hose	46647160
J30E	DEF Suction Line Heated Hose	46647159
J31E	DEF Dosing Module	Cummins Part
J3E	Replacement Cap with Lanyard	23366768
J5	Replacement Cap with Lanyard	23366768
J6E	DEF Tank Sensor	46642142
J7BE	Downstream Nox Sensor (SCR)	Cummins Part
K1	Engine Starter Relay	36853521
J18E	DPF Pressure Sensor	Cummins Part
HR1	Conrader Regulator Heater	23346612
HR2	Ball Valve Heater	23346612
HR3	Ball Valve Heater	23346612
HR4	Conrader Regulator Heater	23346612
HR5	Solenoid Valve Heater	46499687
HR6	Shuttle Valve Heater	36841526
HR7	Shuttle Valve Heater	36841526
HR8	Hex Fitting Heater	23346612
HR12	Engine Breather Tube Heater	23346612
HR13	Orifice Heater	36841526

Reference Designator	Description	Part Number
L1	Start/Run Solenoid Valve	46553075
L2	Unloader Solenoid Valve	36842318
PT1	Separator Tank Pressure Sensor	54765946
PT2	Regulation System Pressure Sensor	36920825
RT1	Separator Tank Temperature Sensor	23294838
RT2	Discharge Air Temperature Sensor	23294820
RT3	Ambient Air Temperature Sensor	23294838
S10	Engine Air Filter Restriction Switch	36847838
S11	Airend Air Filter Restriction Switch	36847838
S14	Safety Valve Pressure Switch	46568519
TB1	Ground Bus Terminal Block	46567039
TR1	J1939 CAN BUS Terminating Resistor	23091804
TR2	J1939 CAN BUS Terminating Resistor	23091804
TR3	J1939 CAN BUS Terminating Resistor	23091804
U1	Fuel Level Sensor	46570900
J79E	CAC Outlet Temperature Sensor	23294820

Ether Injection System

Reference Designator	Description	Part Number
L3	Ether Solenoid	46615380
	Ether Solenoid Relay Harness	46673356
K1E	Ether Solenoid Relay	36892362
F1	Ether Solenoid Fuse 20 Amp	35363464

Control Panel

Reference Designator	Description	Part Number
	ViewPort Display	46594821
	Control Panel Harness	46641571
K25	12VDC Switch Supply Relay	36892362
M8	Hourmeter	46557109
S1	Main Control Switch	46641633
S2	Service Air Button	46663130
S3	Regeneration Control Switch	46556142
S3	Replacement Switch Cover	46556145
S4	Start Button	46663130

Gauge Panel

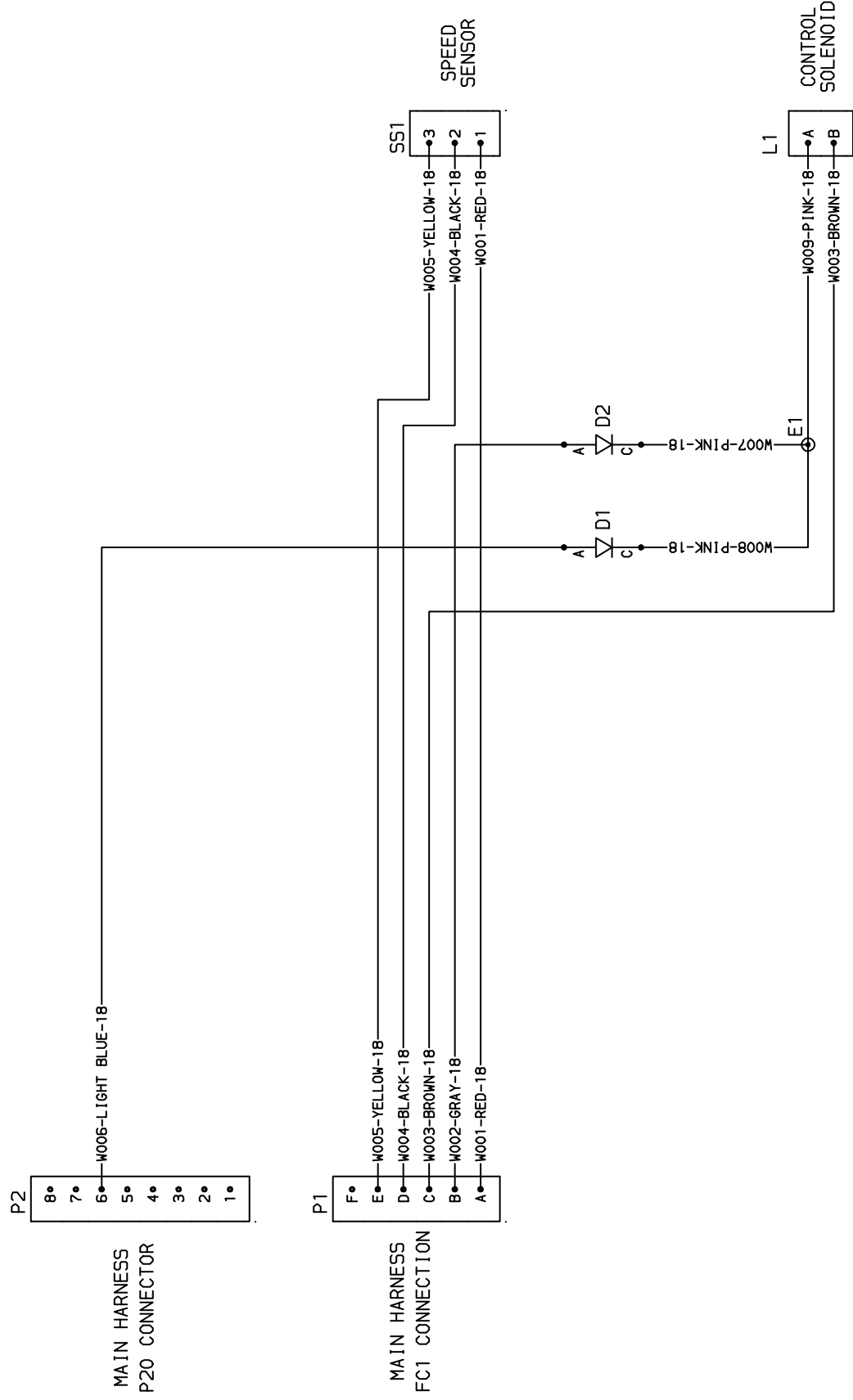
Reference Designator	Description	Part Number
	Gauge Panel Harness	46636660
M1	Air Pressure Gauge 0-600 psi	46558801
M2	Engine Tachometer	46558802
M3	Engine Coolant Temperature Gauge	46558804
M4	Engine Oil Pressure Gauge	46558803
M5	Compressor Temperature Gauge	46558806
M6	Voltmeter	46558805
M7	Fuel Level Gauge	46565479
M9	DEF Level Gauge	46636464

Trailer

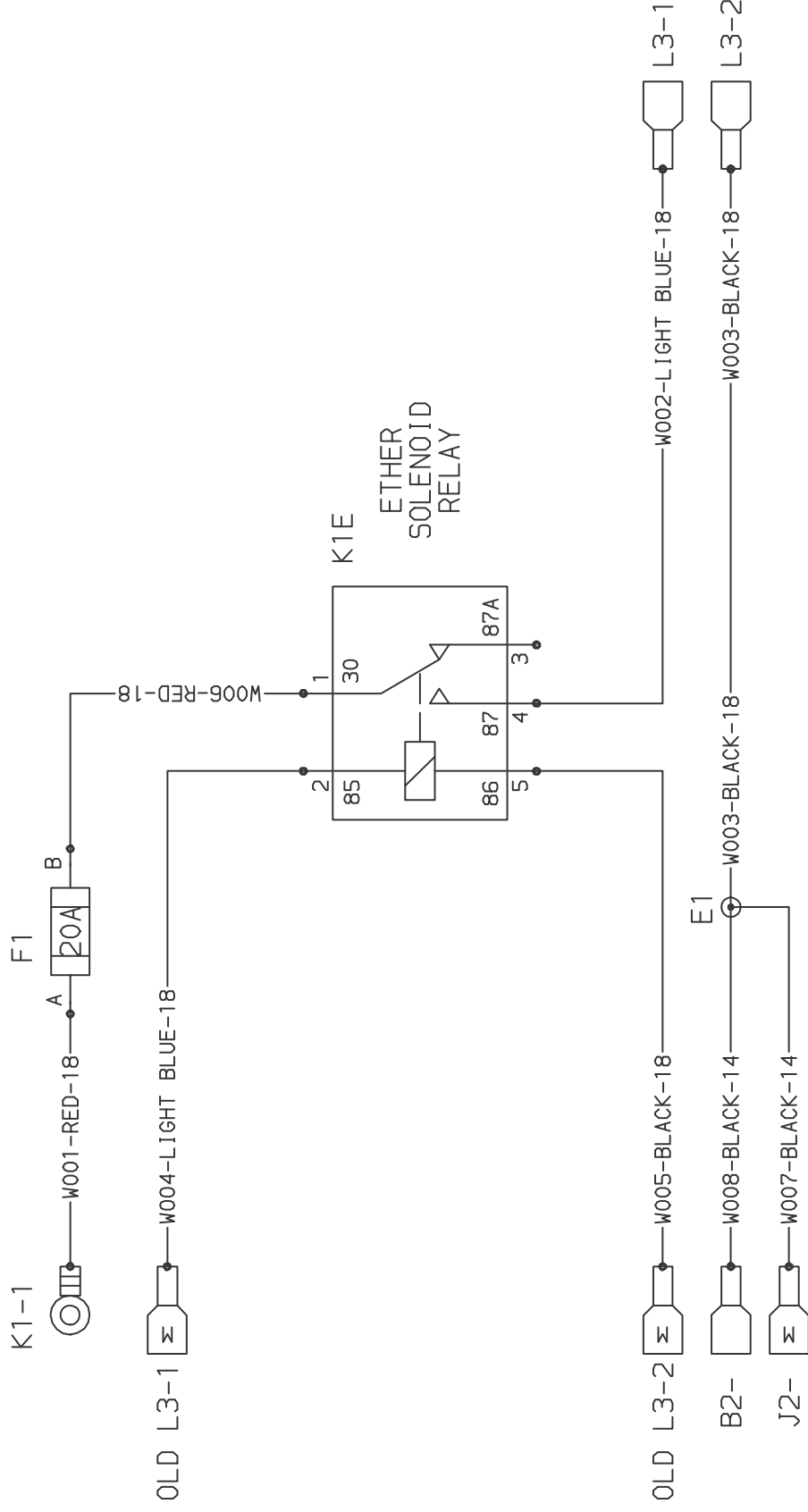
Reference Designator	Description	Part Number
	Trailer Harness	46651563
BS1	Breakaway Switch	46554147
L1	Right Front Side Marker Lamp	35367051
L2	Right Front Clearance Lamp	35367051
L3	Left Front Side Marker Lamp	35367051
L4	Left Front Clearance Lamp	35367051
L5	Right Rear Clearance Lamp	35367044
L6	Right Rear Side Marker Lamp	35367044
L7	Left Rear Clearance Lamp	35367044
L8	Left Rear Side Marker Lamp	35367044
L9	Rear Identification Lamp	36922144
L10	Right Tail/Turn Lamp	36788081
L11	Right Tail/Stop Lamp	36788081
L12	Left Tail/Turn Lamp	36788081
L13	Left Tail/Stop Lamp	36788081
L14	License Plate Lamp	36881910

Fan Clutch

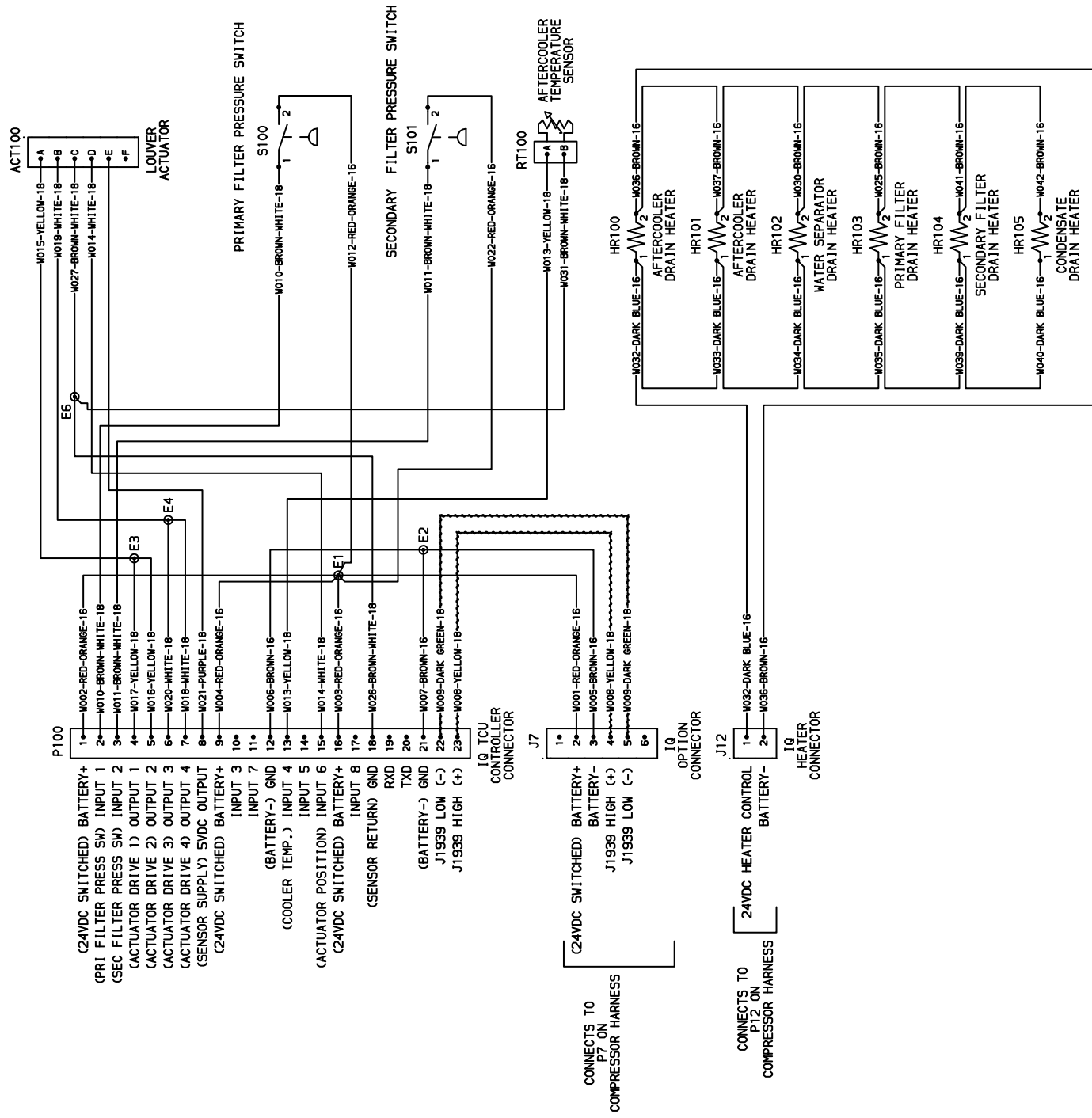
Reference Designator	Description	Part Number
L1	Fan Clutch Control Valve	46655083
	Fan Clutch Harness	46671086
D1	Diode	35376169
D2	Diode	35376169



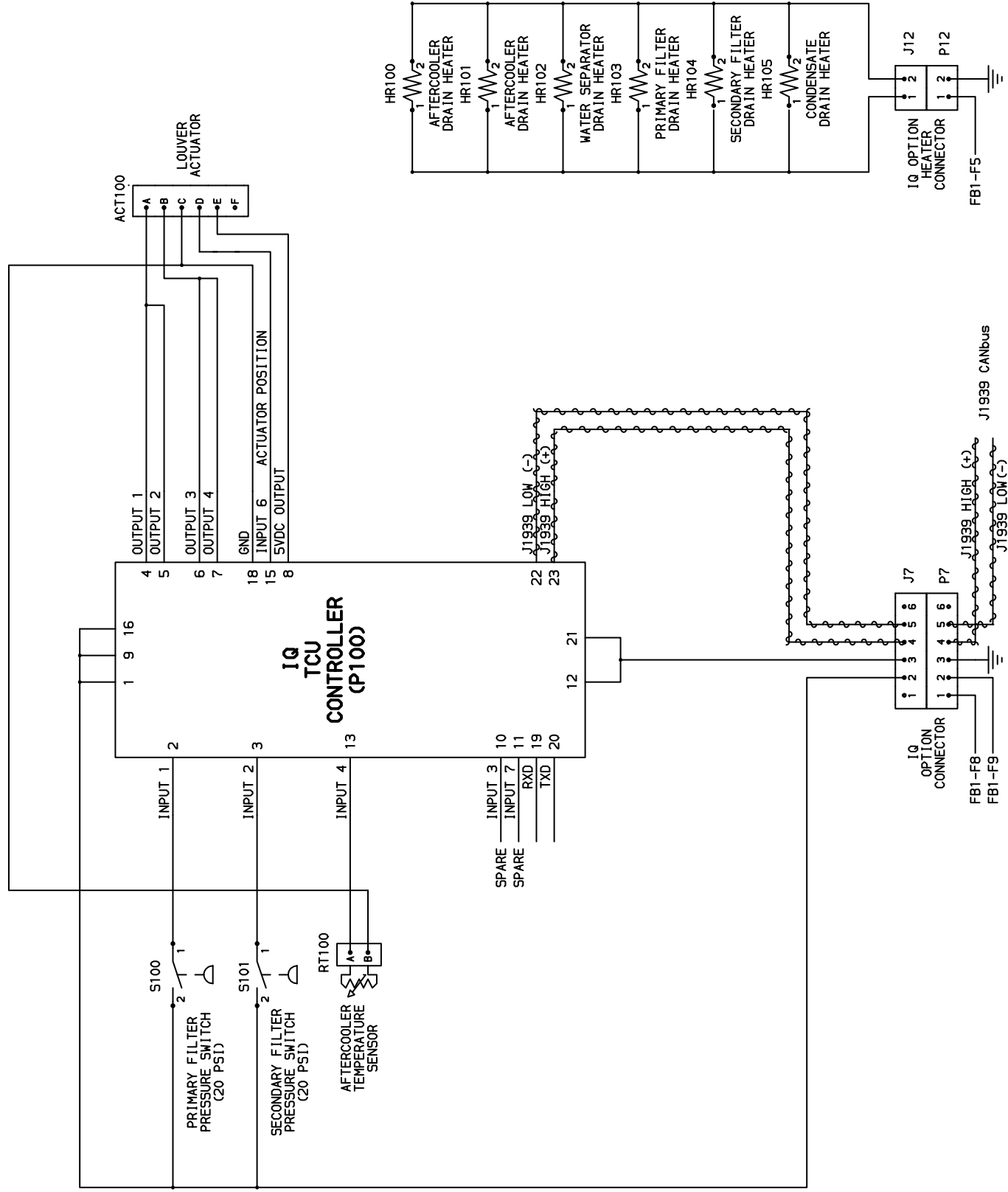
Fan Clutch Wiring Diagram 46678229 Rev. A



Ether Solenoid Wiring Diagram 46678228 Rev. A



IQ Option Harness Wiring Diagram 46656384 Rev. A



IQ Option Harness Control System Schematic 46670349 Rev. A

IQ Option HP1600/XHP11170WCU-T4F		
Reference Designator	Description	Part Number
	IQ TCU Controller	46569499
	IQ Harness	46656385
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
S100	Primary Filter Pressure Switch	36899599
S101	Secondary Filter Pressure Switch	36899599
RT100	Aftercooler Temperature Sensor	23294820

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REVISION HISTORY

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