



Doosan Infracore
Portable Power

PARTS MANUAL

COMPRESSOR MODEL

HP1600WCU-T4F (F42)
HP1600WCU-T4F (F76)

Doosan Infracore Portable Power
1293 Glenway Drive
Statesville, N.C. 28625
DoosanPortablePower.com

P/N: 46663126 (04/2015) Rev C

TABLE OF CONTENTS
Parts Manual

TITLE	PAGE
PARTS ORDERING	9
 STANDARD PARTS.....	 11
Frame, Tandem	12
Frame, Tandem, Drawbar	14
Frame, Wagon.....	16
Running Gear, Tandem, Installation	18
Running Gear, Tandem, Axle Assembly	20
Running Gear, Wheel And Tire Assembly	22
Running Gear, Wagon, Installation	24
Running Gear, Wagon, Axle Assembly, Front	26
Running Gear, Wagon, Drawbar Assembly	28
Running Gear, Wagon, Steering Arm Assembly	30
Running Gear, Wagon, Front Axle Sub Assembly.....	32
Running Gear, Wagon, Axle Assembly, Rear	34
Running Gear, Wagon, Rear Axle, Brake Assembly	36
Running Gear, Tandem, Less Running Gear, With Shock Mount	38
Running Gear, Wagon, Less Running Gear, With Shock Mount.....	40
Engine, Installation	42
Engine, Engine Assembly, With Fan Clutch, Cummins QSX15 T4F	44
Engine Fan Clutch	46
Cooling System, Fan Shroud Installation	48
Cooling System, Cooling Package Installation	50
Cooling System, Radiator, Oil, And CAC Coolers	52
Fuel System, Tandem, Fuel Tank Installation.....	54
Fuel System, Tandem, Venting.....	56
Fuel System, Tandem, Standard Piping	58

TABLE OF CONTENTS

Parts Manual

TITLE	PAGE
Fuel System, Tandem, Fuel Tank Assemblies	60
Fuel System, Tandem, Remote Fuel Lines, No Pump.....	62
Fuel System, Tandem, Remote Fuel With Electric Fuel Pump.....	64
Fuel System, Tandem, Remote Fuel With Pump, Fuel Lines	66
Fuel System, Wagon, Fuel Tank Installation	68
Fuel System, Wagon, Venting	70
Fuel System, Wagon, Standard Piping.....	72
Fuel System, Wagon, Fuel Tank Assemblies	74
Fuel System, Wagon, Remote Fuel, No Pump.....	76
Fuel System, Wagon, Remote Fuel With Electric Fuel Pump	78
Fuel System, Wagon, Remote Fuel With Pump, Fuel Lines.....	80
Air Intake, Engine	82
Air Intake, Air Cleaner Assembly	84
Exhaust System, Muffler And Piping	86
Exhaust System, Aftertreatment Support	88
Exhaust System, Aftertreatment And Piping	90
DEF System, Tank.....	92
DEF System, Piping	94
Airend, Installation	96
Airend, Unloader.....	98
Airend Gear Case.....	100
Airend, Rotor Housing	102
Airend, Rear Bearings And Caps	104
Oil Piping, Installation	106
Oil Piping, Bypass Temperature Valve	108
Separator Tank Installation	110
Separator Tank Assembly.....	112

TABLE OF CONTENTS

Parts Manual

TITLE	PAGE
Separator Tank, Piping	114
Separator Tank Regulation	116
Service Air, Standard, No Filtration	118
Service Air, IQ, Piping, Aftercooler Inlet	120
Service Air, IQ, Filtration Outlet, Piping	122
Service Air, IQ, Aftercooler, Piping	124
Service Air, IQ, Drain Lines	126
Service Air, IQ, Filters And Moisture Separator	128
Service Air, AC, Aftercooler Inlet, Piping	130
Service Air, AC, Filtration Outlet, Piping	132
Service Air, AC, Aftercooler, Piping	134
Service Air, AC, Drain Lines	136
Service Air, AC, Moisture Separator	138
Central Drains, Tandem	140
Central Drains, Wagon	142
Electrical System, Control Panel Installation	144
Electrical System, Operator And Gauge Panels	146
Electrical System, Battery Installation	148
Electrical System, Fuse Block and Relay Mounting	150
Electrical System, Lighting, Tandem	152
Enclosure, Standard, Front	154
Enclosure, Standard, Streetside	156
Enclosure, Tandem, Streetside, Rear	158
Enclosure, Standard, Curbside	160
Enclosure, Tandem, Curbside, Rear	162
Enclosure, Tandem, Rear	164
Enclosure, Standard, Top	166

TABLE OF CONTENTS

Parts Manual

TITLE	PAGE
Enclosure, Tandem, Streetside, Air Intake Baffles	168
Enclosure, Tandem, Curbside, Air Intake Baffles	170
Enclosure, Standard, Exhaust Plenum Baffles	172
Enclosure, Standard, Remote Fuel, Door,	174
Enclosure, Wagon, Streetside, Rear	176
Enclosure, Wagon, Curbside, Rear	178
Enclosure, Wagon, Rear	180
Enclosure, Wagon, Streetside, Air Intake Baffles,	182
Enclosure, Air Intake Baffles, Curbside, Wagon	184
Enclosure, Wagon, Drip Pan Base	186
Acoustic Panels, Front	188
Acoustic Panels, Streetside	190
Acoustic Panels, Tandem, Streetside, Rear	192
Acoustic Panels, Curbside	194
Acoustic Panels, Tandem, Curbside, Rear	196
Acoustic Panels, Tandem, Rear	198
Acoustic Panels, Top	200
Acoustic Panels, Streetside, Intake Baffles	202
Acoustic Panels, Curbside, Intake Baffles	204
Acoustic Panels, Wagon, Streetside, Rear	206
Acoustic Panels, Wagon, Curbside, Rear	208
Acoustic Panels, Wagon, Rear	210
Decals, Branding	212
Decals, Interior Safety	214
Decals, Exterior Safety And Options	216
Decals, EEC	218

TABLE OF CONTENTS
Parts Manual

TITLE	PAGE
OPTION PARTS	221
Engine Oil Replenishment	222
Fuel System, Fuel Tank Crossover Vent Line.....	224
Auto Start With 120VAC Battery Charger	226
Heaters, 120VAC	228
Heaters, 240VAC	230
Telematics System.....	232
 RECOMMENDED SERVICE PARTS	 235
 WIRING DIAGRAMS.....	 239
 INDEXES.....	 241
Numerical Index.....	241
Word Index	247



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.

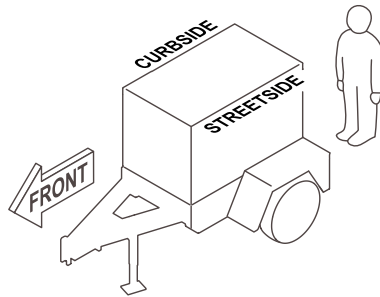
Special order parts may not be included in this manual. Contact the Portable Power Parts Department with the unit serial number for assistance with these special parts.

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

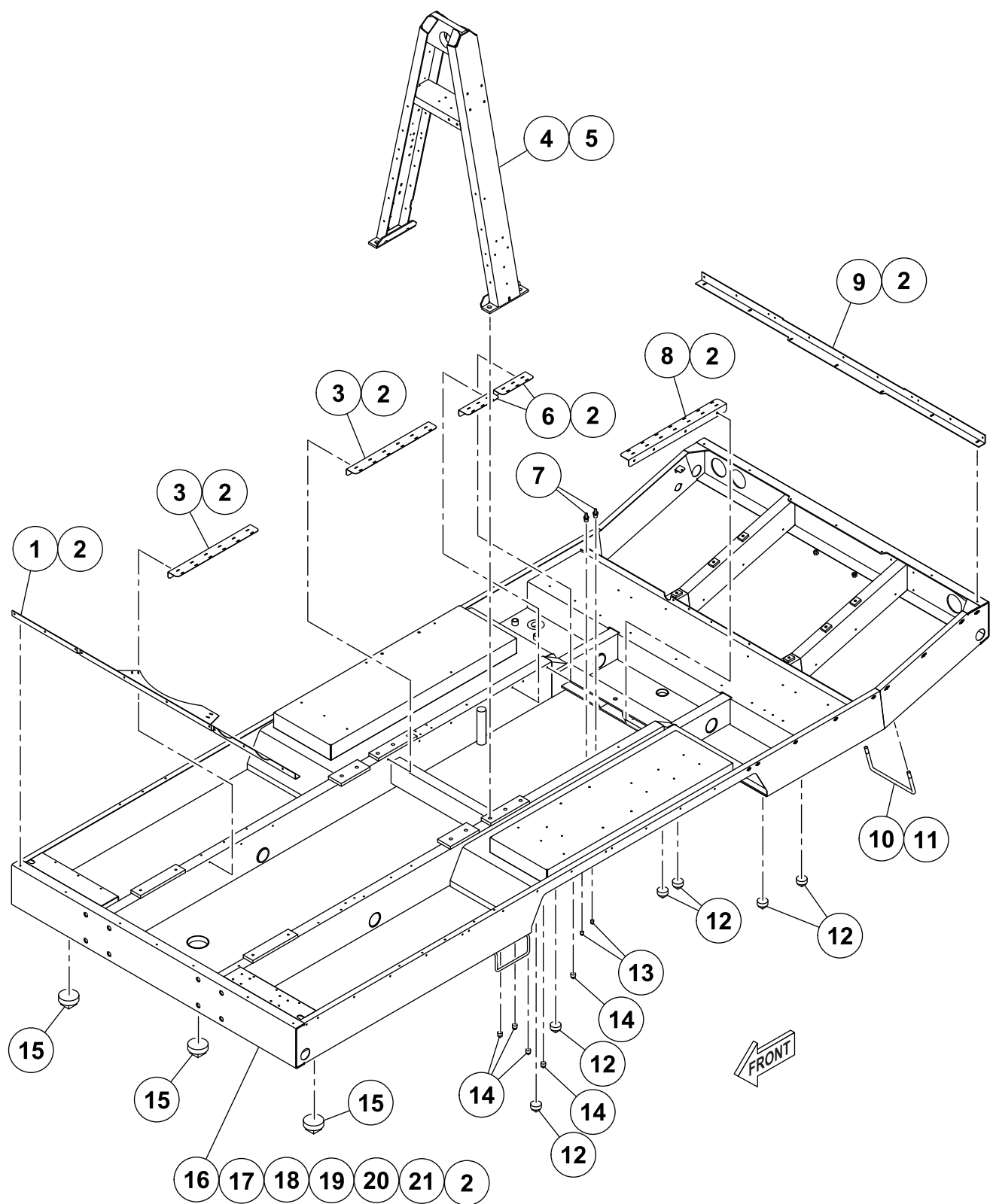
Always specify the model and serial number of the unit.

Specify the part number and description.



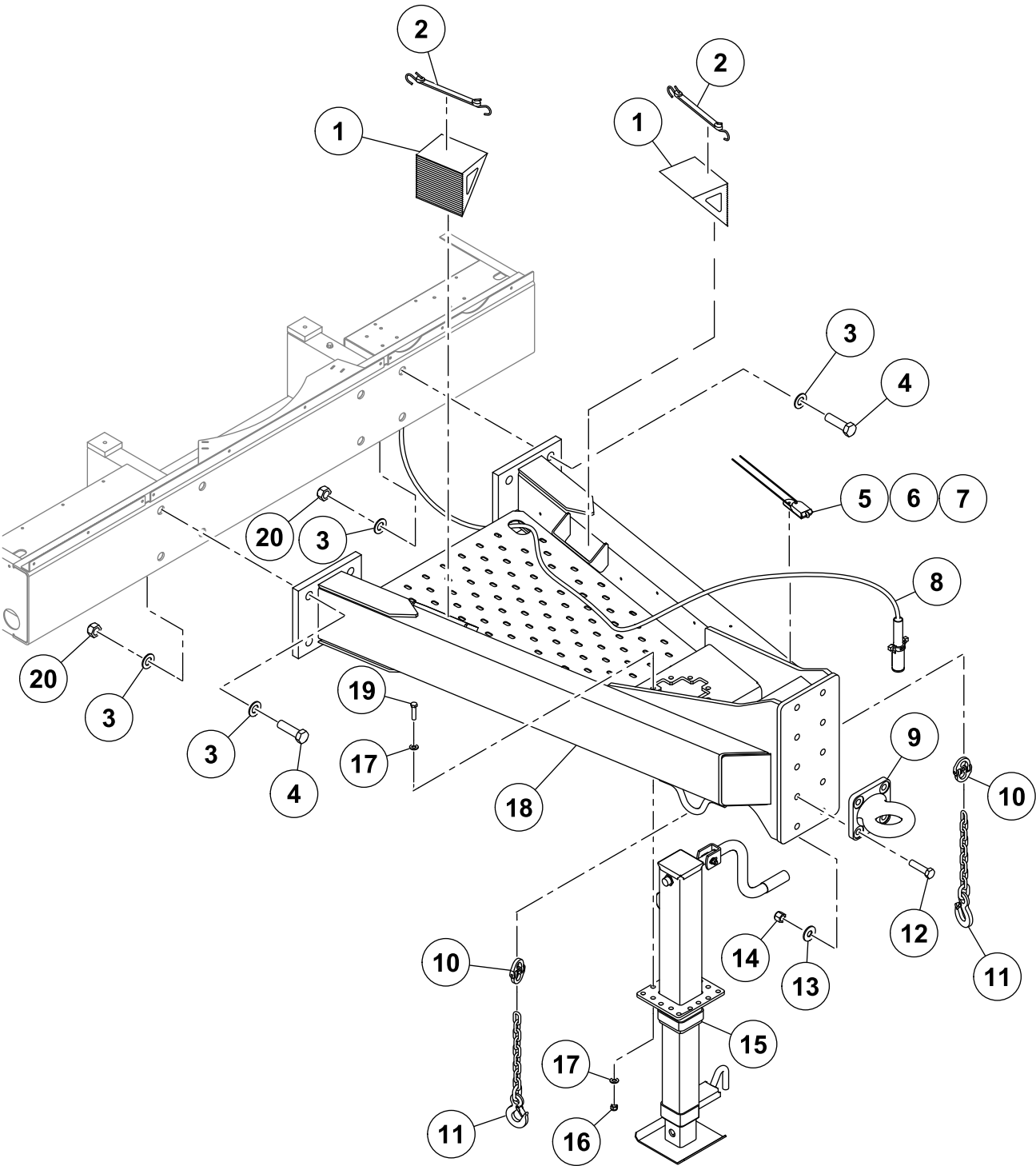
STANDARD PARTS

Frame, Tandem



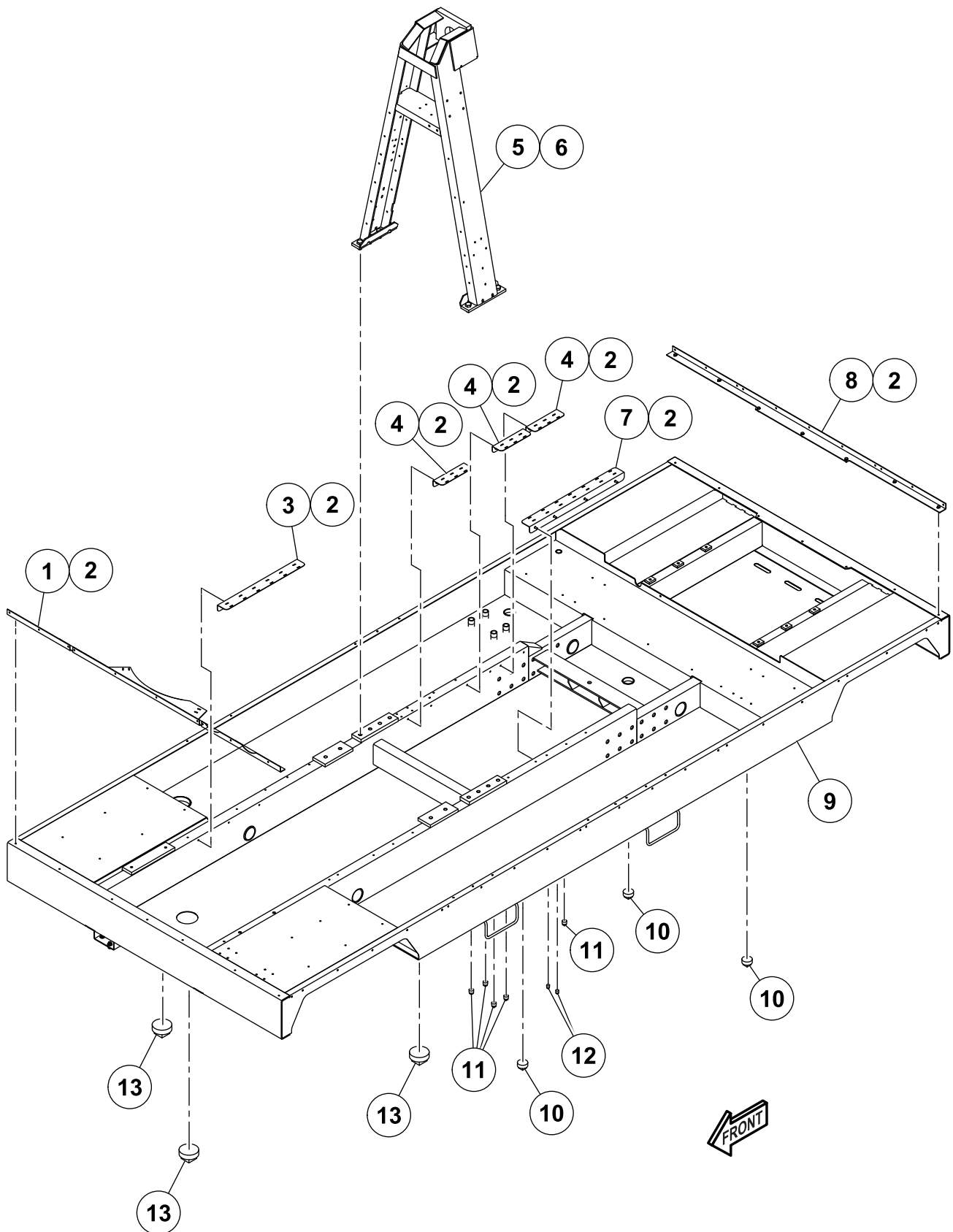
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46562179SB	Bracket, Front Mount	1	Tandem Running Gear Less Running Gear
2	35279025	Screw, Tapping, M08 - 1.25 X 20	50	
3	46566919SB	Bracket, Harness Support	2	
4	46652926SB	Bail, Tandem Lifting	1	
	46652927SB	Bail, Tandem Lifting, 108MM Offset Aft	1	
5	96700901	Screw, 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



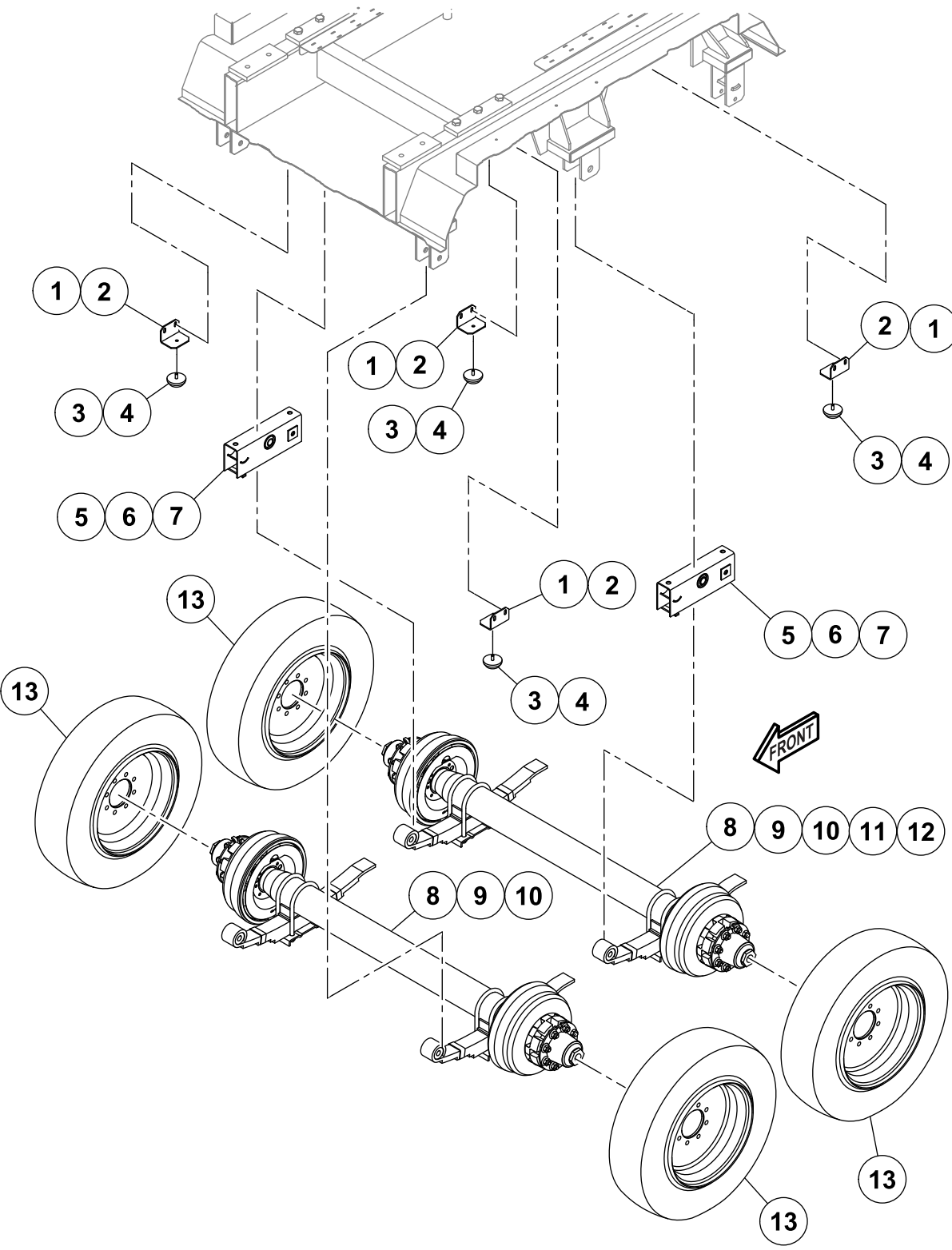
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35603190	Wheel Chock	2	
2	35333830	Strap, Tie Down	2	
3	95939492	Washer, Flat, 1" ID	16	
4	95996179	Screw, Hex, 1" - 8 X 3-1/2"	8	
5	46554147	Switch, Breakaway	1	
6	35225093	Clamp, Support, 1/2" ID Rubber Coated	4	
7	35279025	Screw, Tapping, M08 - 1.25 X 20	4	
8	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



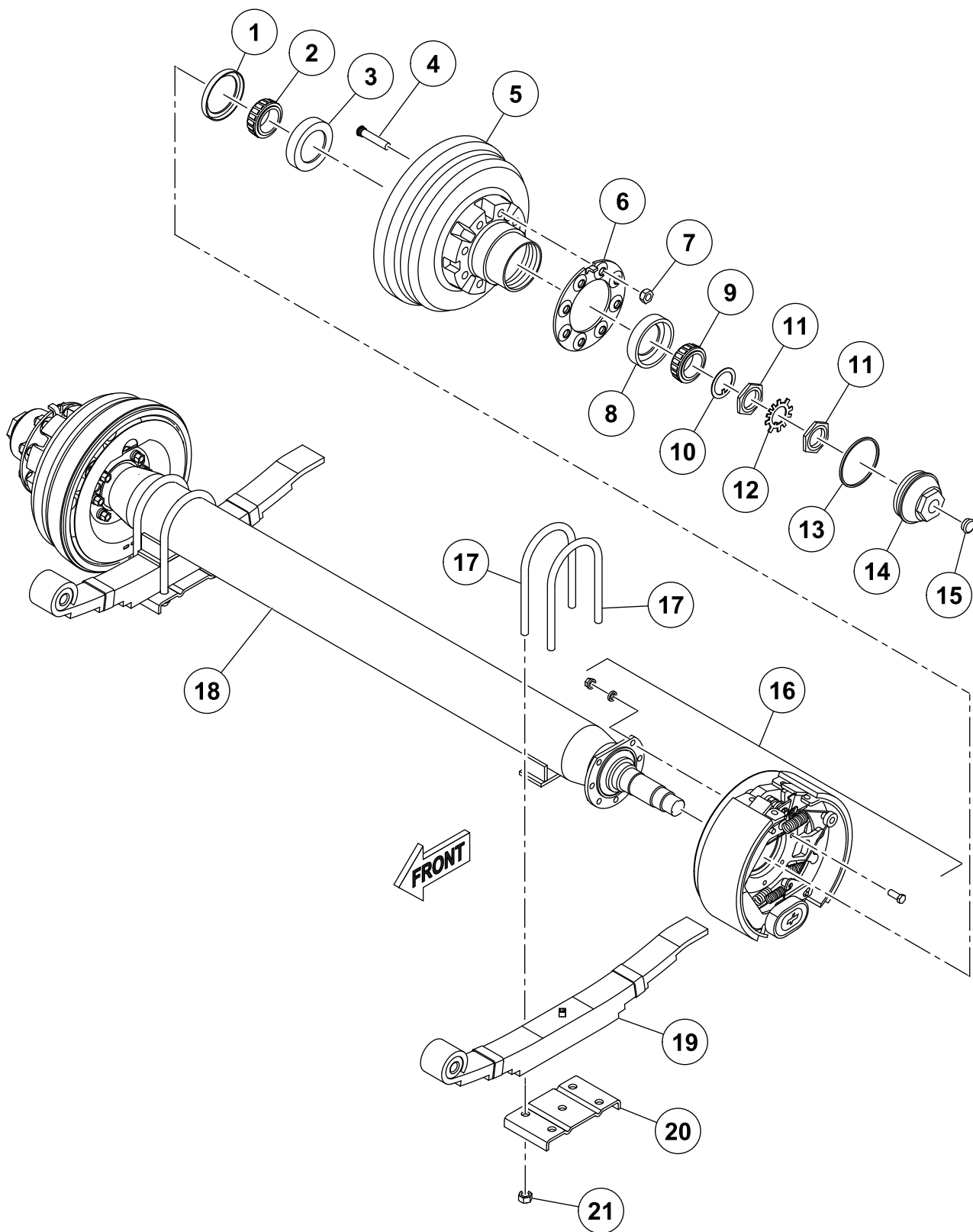
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46562179SB	Bracket, Front Mount	1	
2	35279025	Screw, Tapping, M08 - 1.25 X 20	50	
3	46566919SB	Bracket, Harness Support	2	
4	46566921SB	Bracket, Harness Support	2	
5	46652928SB	Bail, Lifting, 203mm Offset	1	
6	96700901	Screw, Hex Head, M20 - 2.5 X 40	8	
7	46641757SB	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



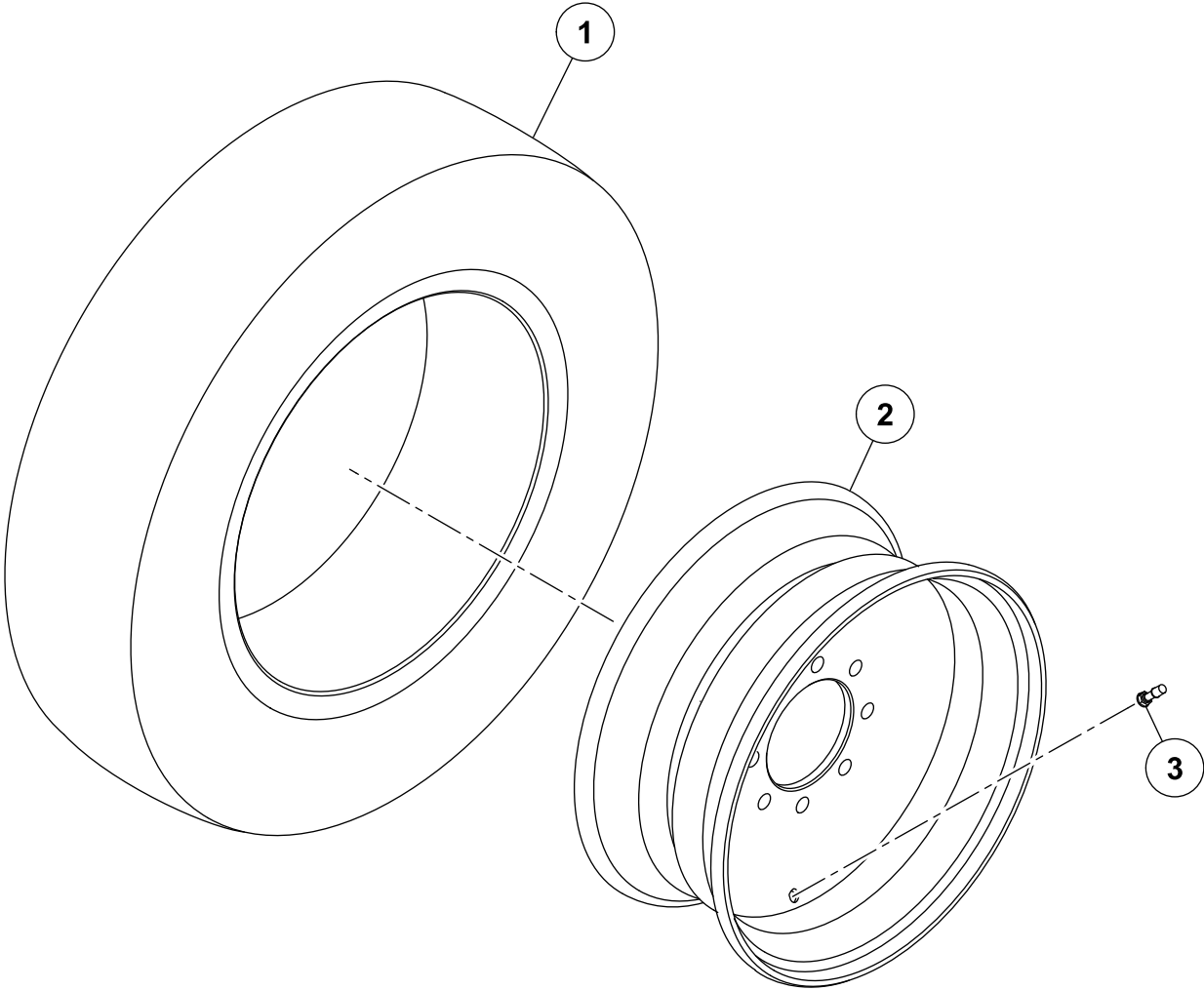
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	22789242SB	Support, Axle Bump	4	
2	35279025	Screw, Tapping, M08 - 1.25 X 20	8	
3	22789226	Spacer, Axle Bump	4	
4	95923322	Nut, Hex Nylon Lock, 3/8" - 16	4	
5	22688493	Bar, Equalizer	2	
6	95920336	Screw, Hex, 1" - 8 X 6"	2	
7	95923348	Nut, Hex Nylon Insert, 1/2" - 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



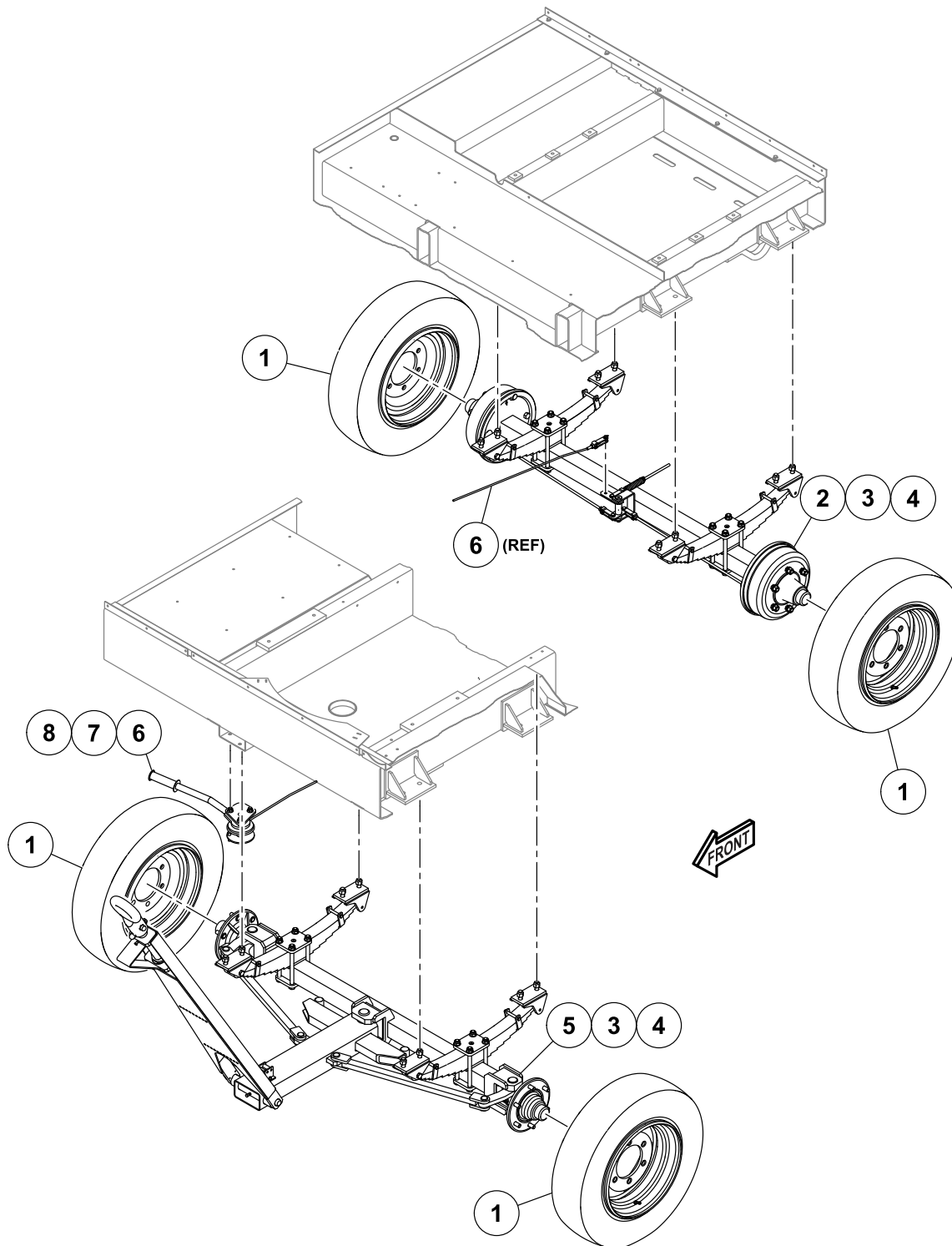
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	22877138	Oil Seal	2	
2	22877146	Bearing Cone, Inner 387A	2	
3	22877161	Bearing Cup, Inner 382A	2	
4	22860449	Stud, 5/8"	16	
5	22777825	Hub And Drum Assembly	2	
6	36878049	Ring	2	
7	22866669	Nut, Cone , 5/8"	16	
8	22877112	Bearing Cup, Outer	2	
9	22877120	Bearing 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

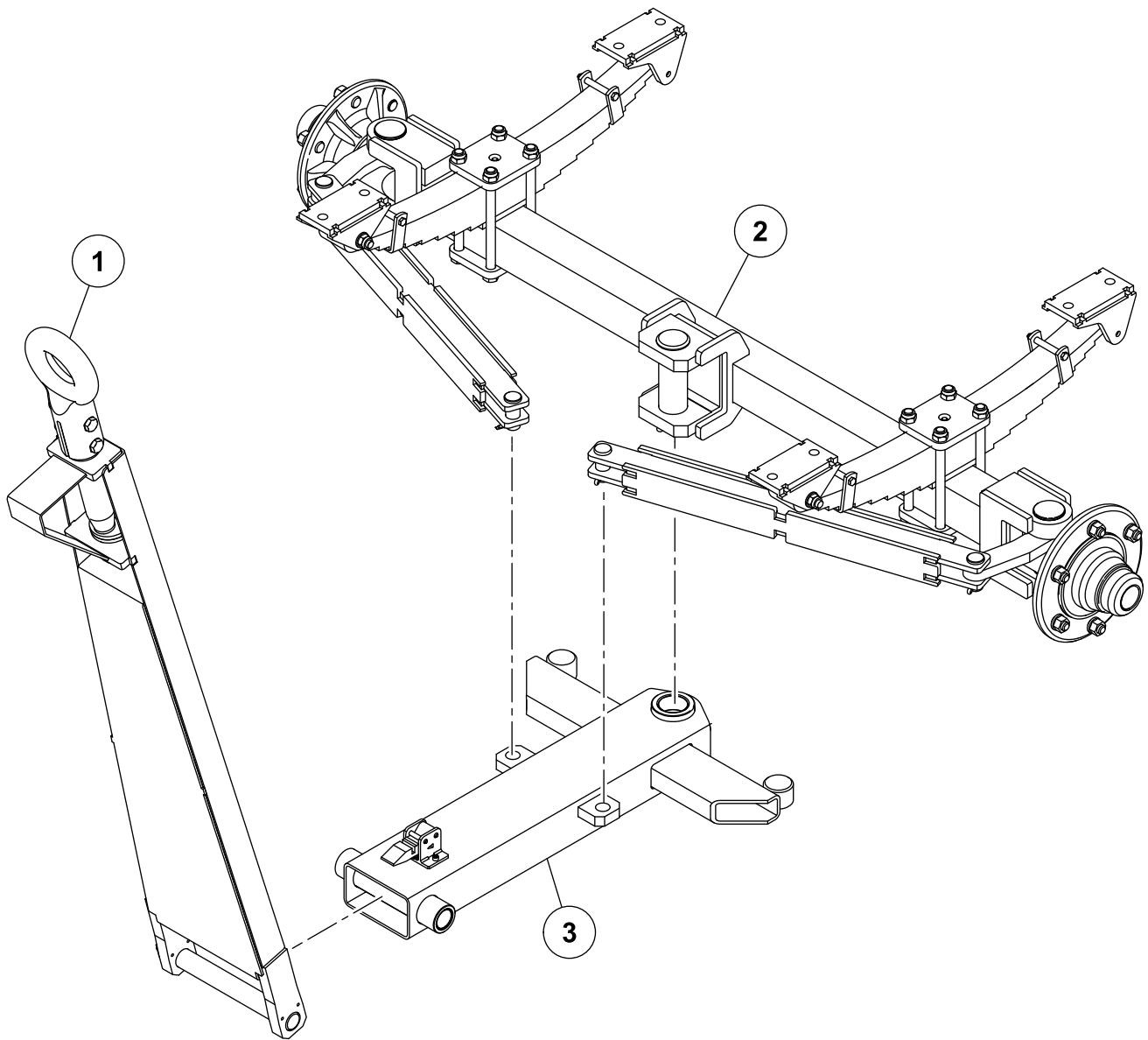


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36877991	Tire, 215/75R17-1/2"/H	1	
2	22077515	Wheel, 17-1/2" X 6-3/4"HC	1	Tandem
	22929418	Wheel, 17-1/2" X 6-3/4"HC	1	Wagon
3	35148204	Valve, Stem	1	Tandem
	23085079	Valve, Stem	1	Wagon

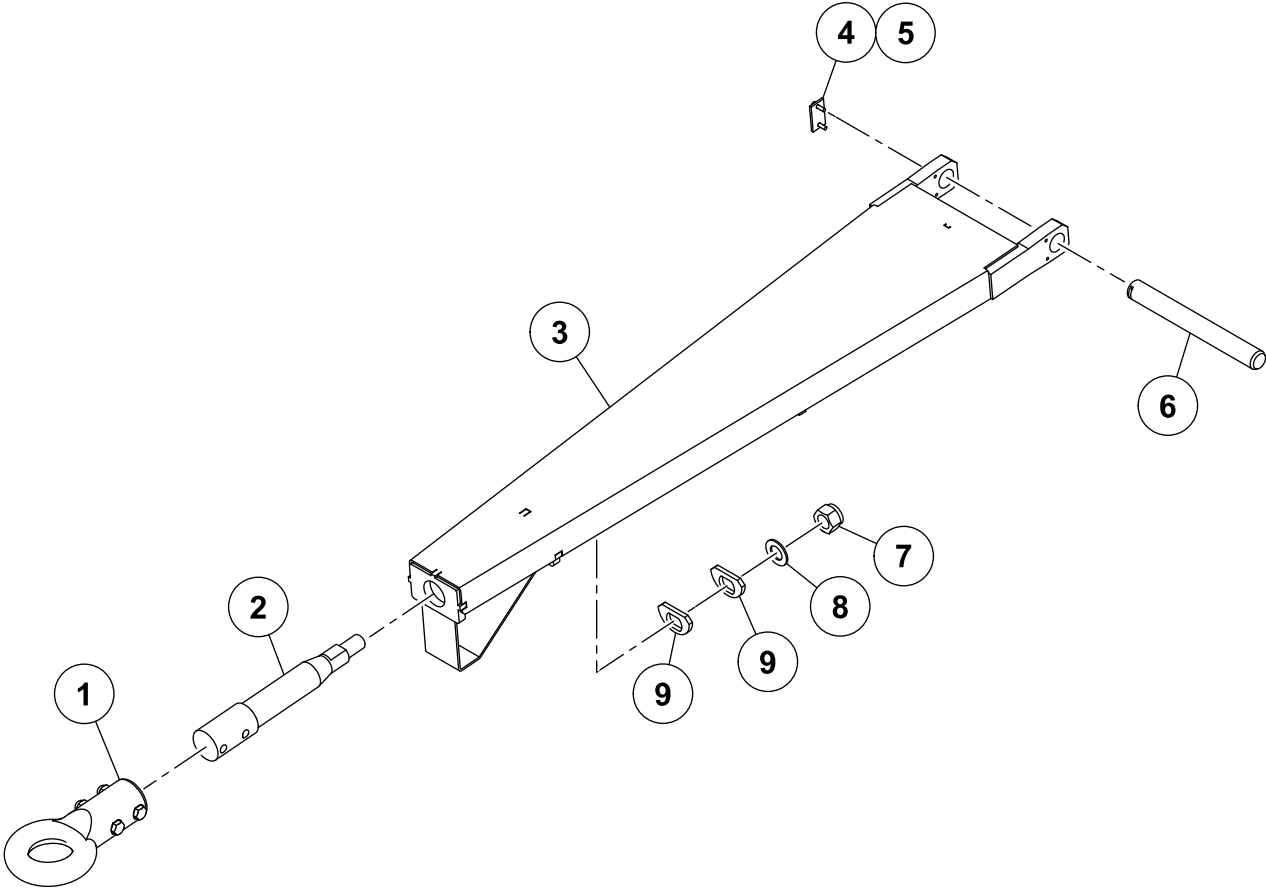
Running Gear, Wagon, Installation



Running Gear, Wagon, Axle Assembly, Front

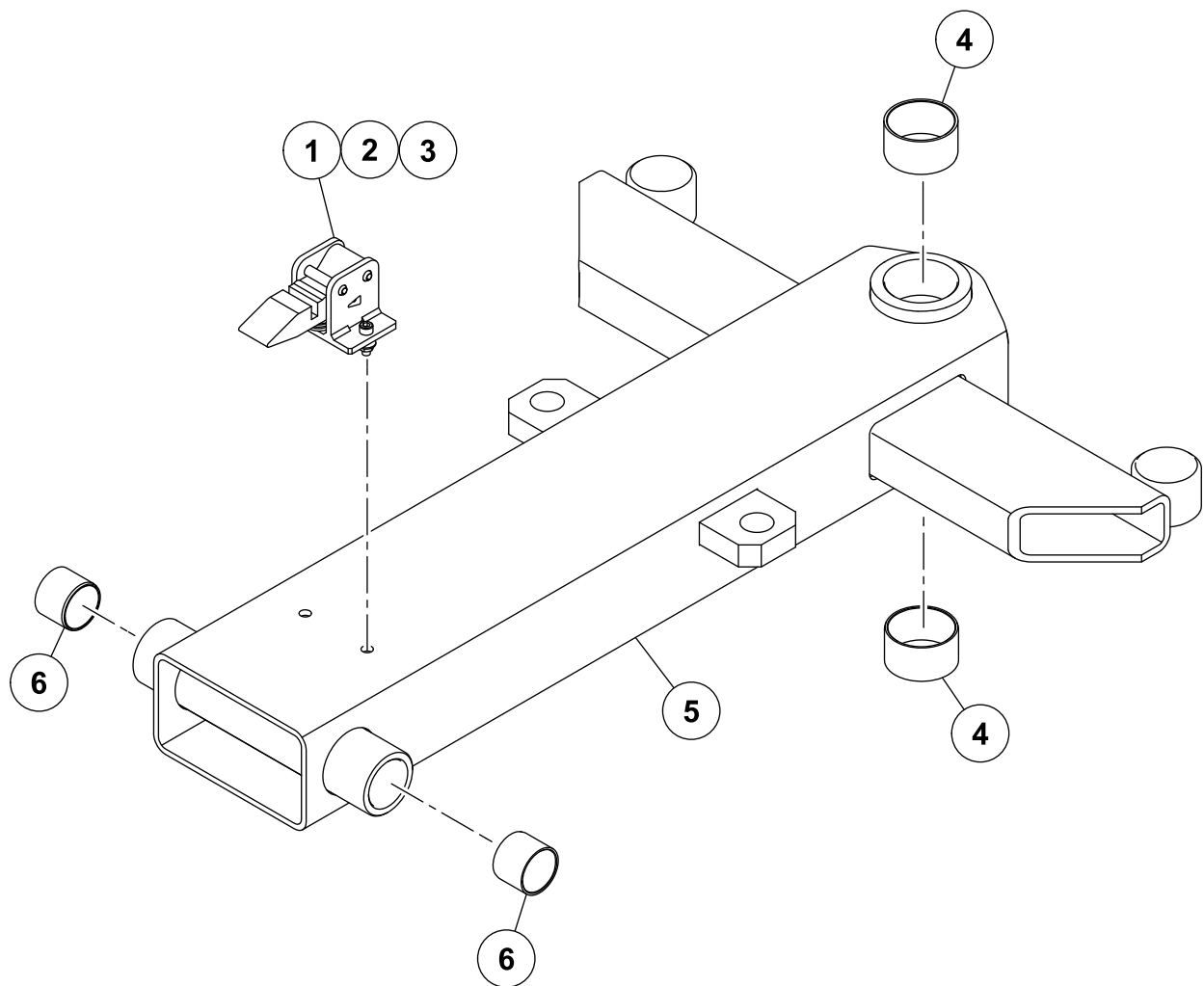


Running Gear, Wagon, Drawbar Assembly

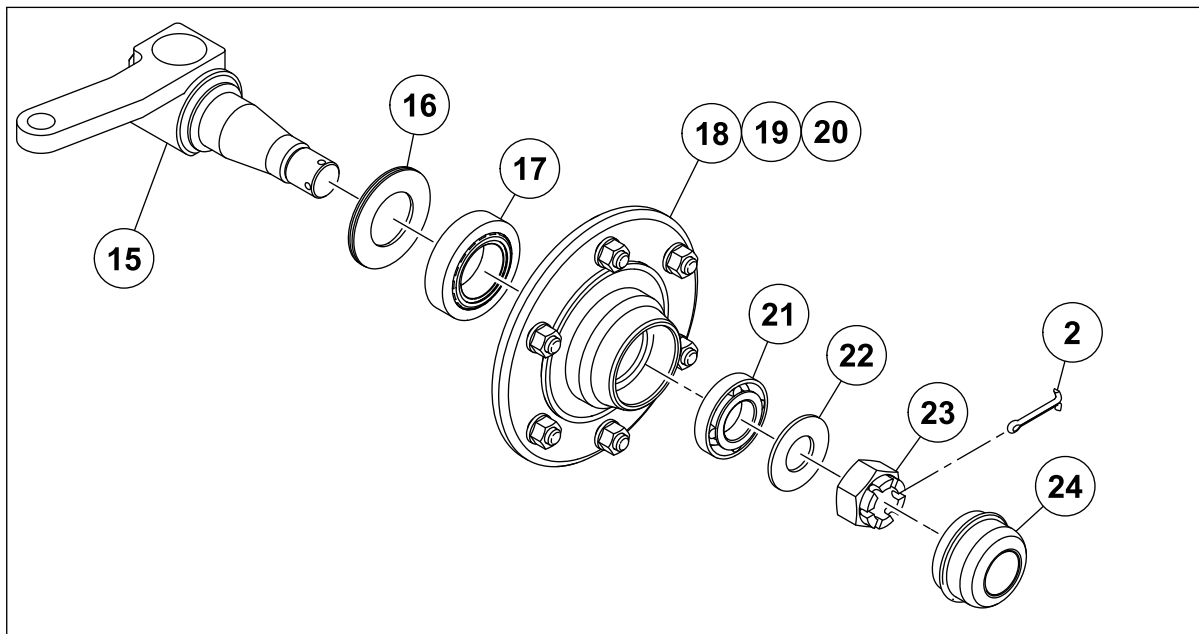
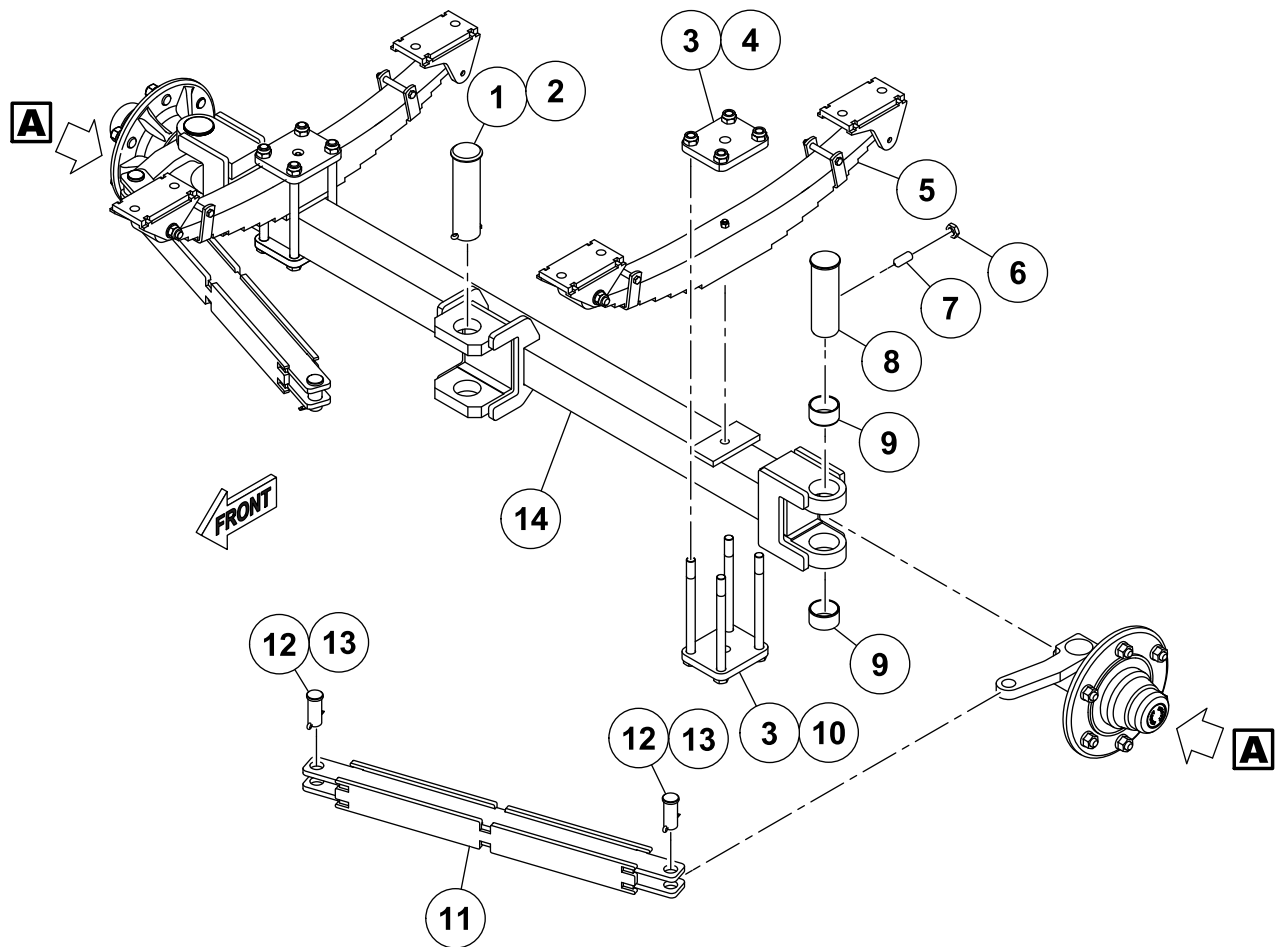


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46673755	Pintle Eye, Drawbar, Wagon	1	
2	46673754	Shaft, Pintle Eye, Wagon	1	
3	46670317	Drawbar, Wagon	1	
4	46673753	Plate, Pin, Anti-Rotation	1	
5	96703012	Screw, Hex, Socket, M06 -1.0 X 20	2	
6	46670328	Pin, 35 MM X 305 MM	1	
7	46673758	Nut, M27 -3.0 DIN 980	1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

Running Gear, Wagon, Steering Arm Assembly



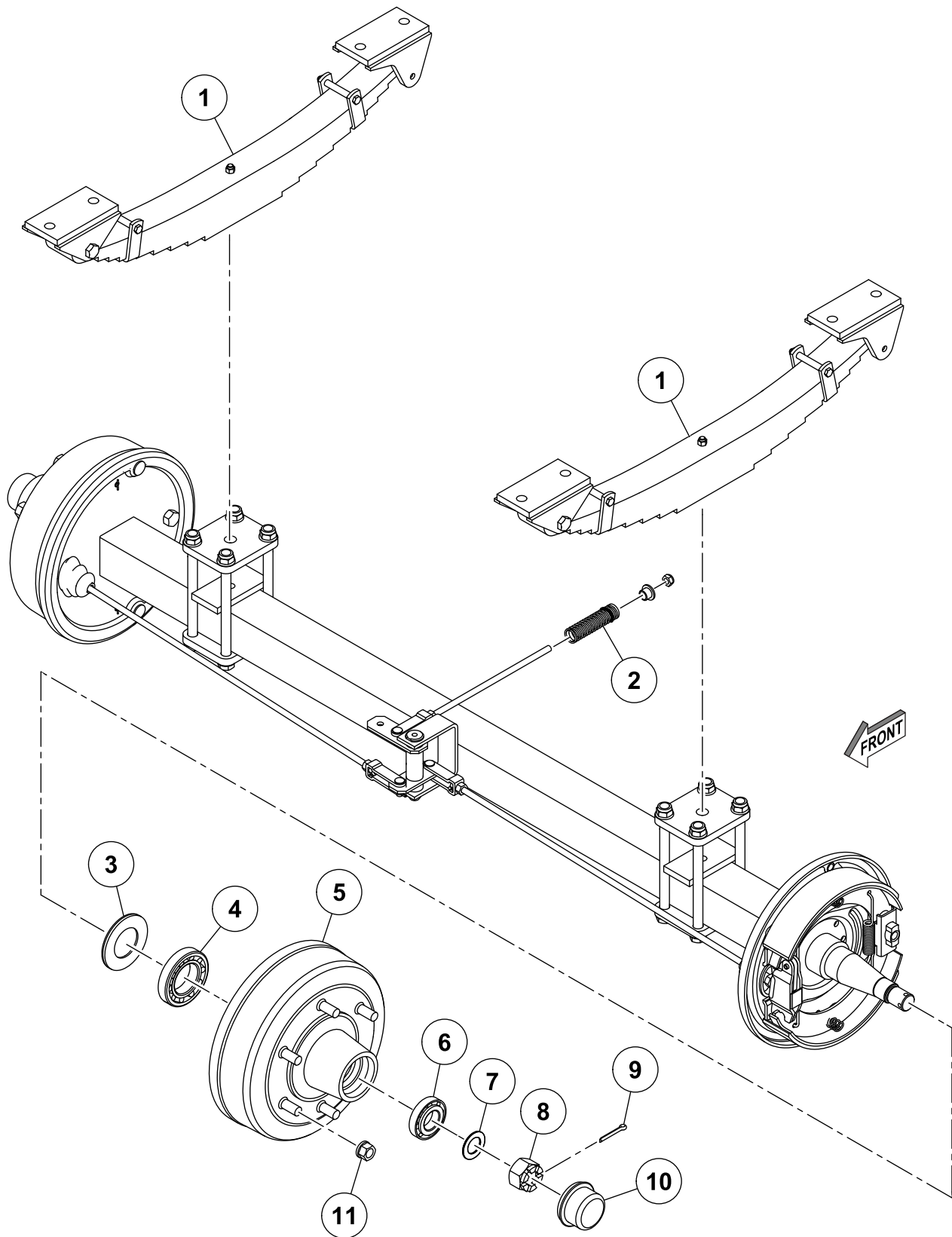
Running Gear, Wagon, Front Axle Sub Assembly



DETAIL A

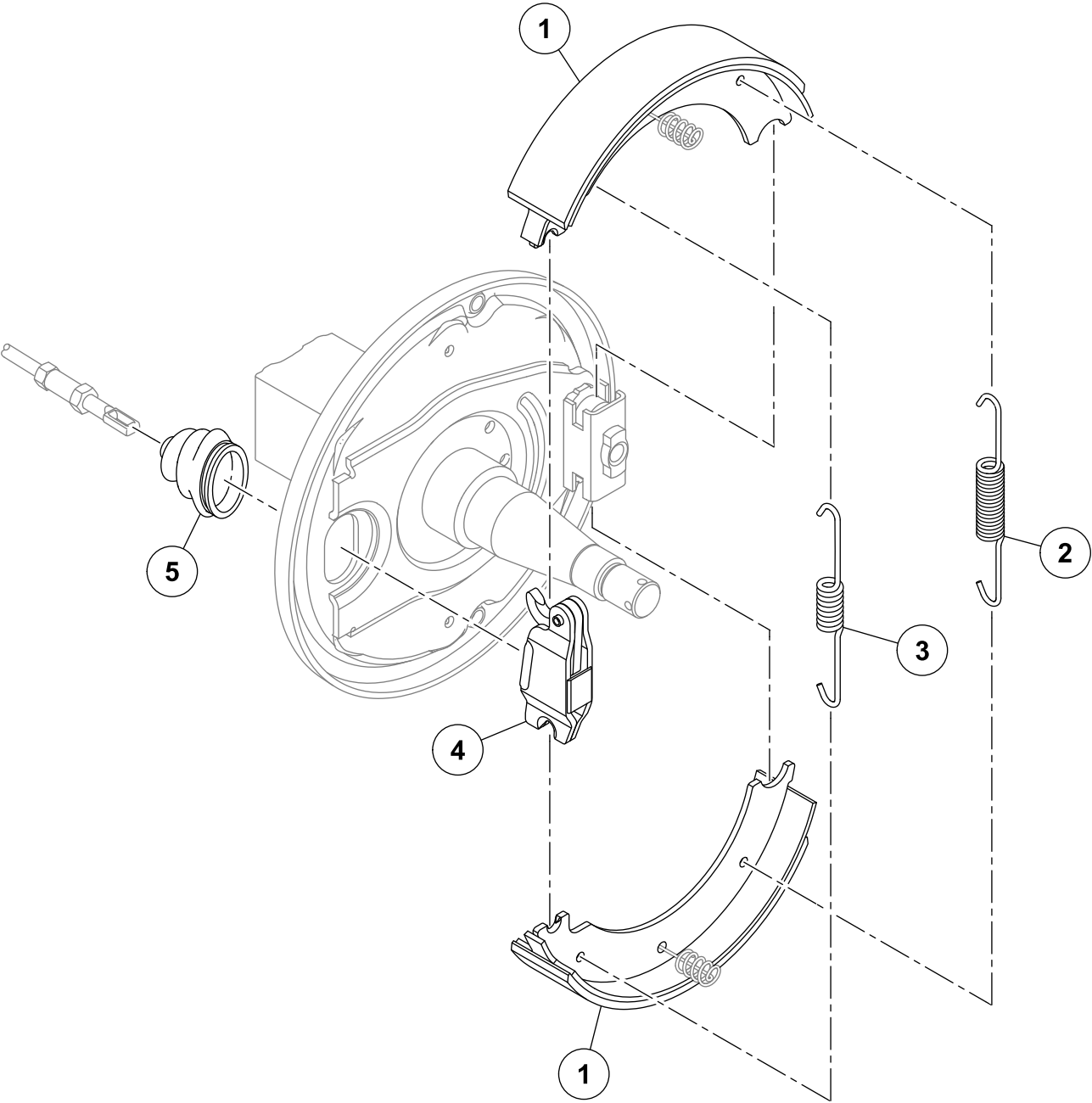
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46670326	Pin, 50 MM X 180 MM	1	
2	46673735	Pin, Cotter, 6 X 63	3	
3	46673152	Plate, Spring Mount	4	
4	46673740	Nut, M16 -1.5 DIN 980-10	8	
5	22871289	Spring Shackle Assembly	2	
6	46673762	Nut, Jam, M16 -1.5 DIN 936	2	
7	46673743	Screw, Set, M16 -1.5 X 40 MM	2	
8	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

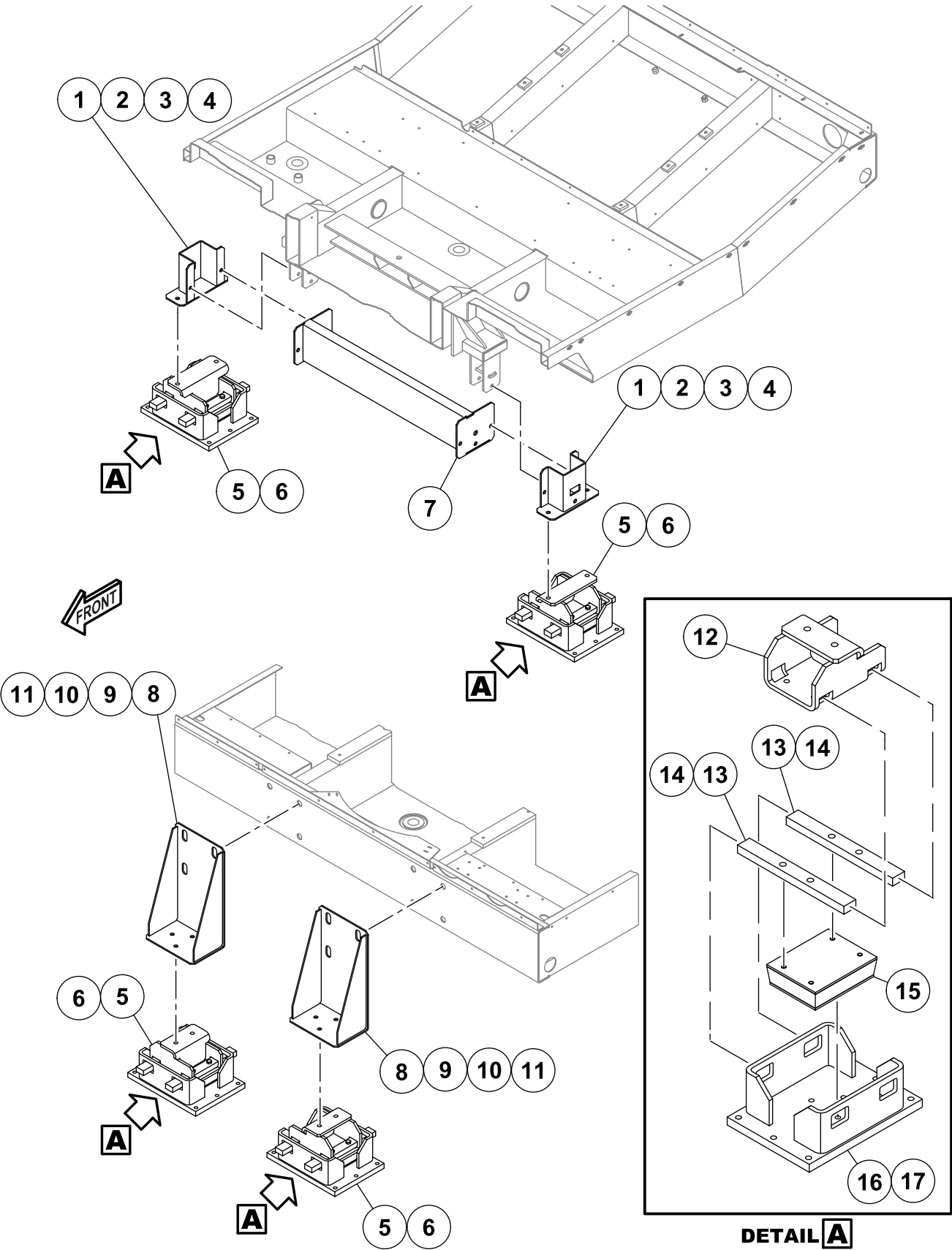


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	22871289	Spring, Shackle Assembly	2	
2	22392559	Spring, Compression	1	
3	22871214	Ring	2	
4	22391261	Bearing, Inner	2	
5	22392575	Drum	2	
6	22392138	Bearing, Outer	2	
7	22392229	Washer	2	
8	22392146	Nut	2	
9	22392237	Pin, Cotter	2	
10	22392153	Dust Cap	2	
11	22392211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

Running Gear, Wagon, Rear Axle, Brake Assembly

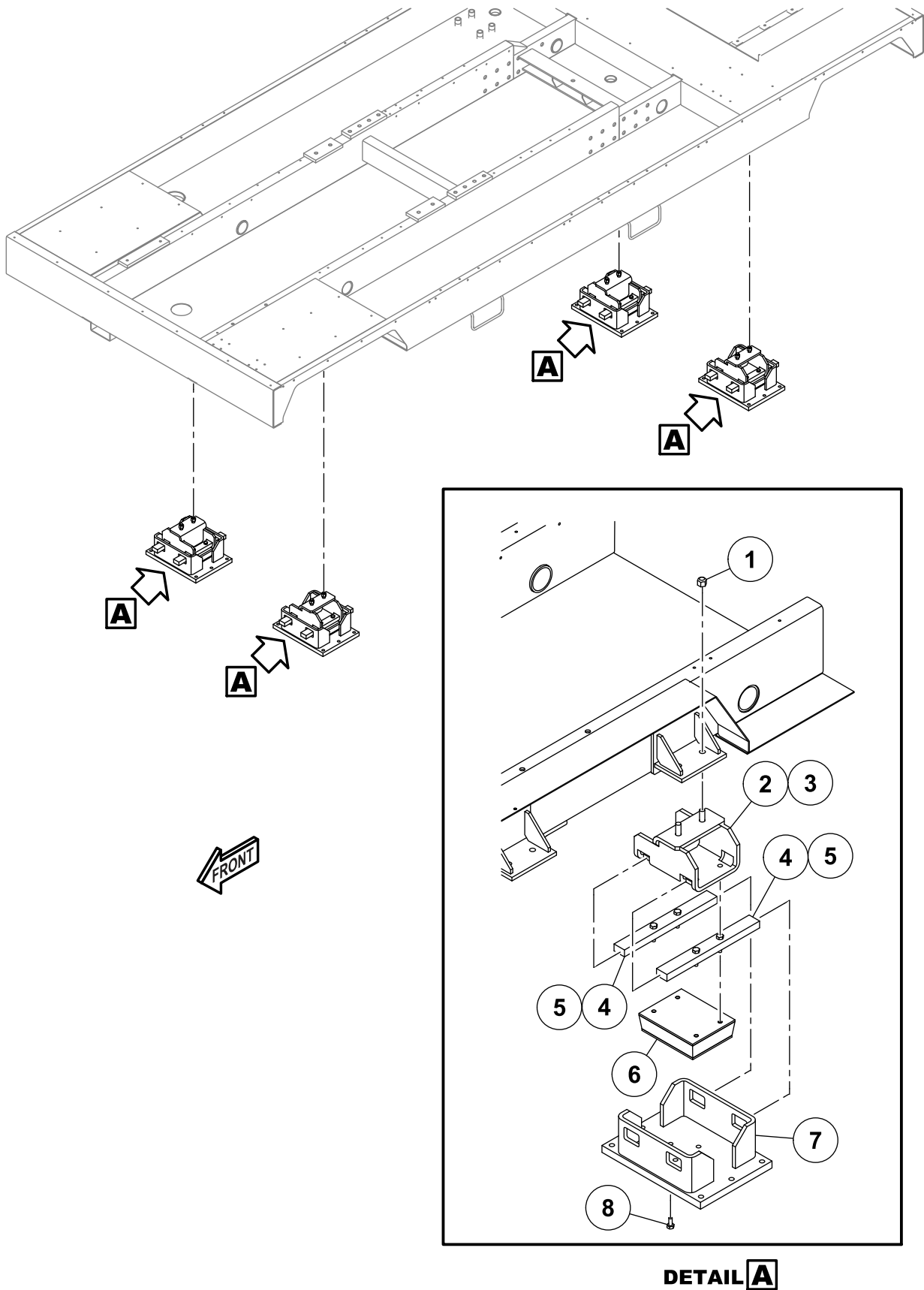


Running Gear, Tandem, Less Running Gear, With Shock Mount



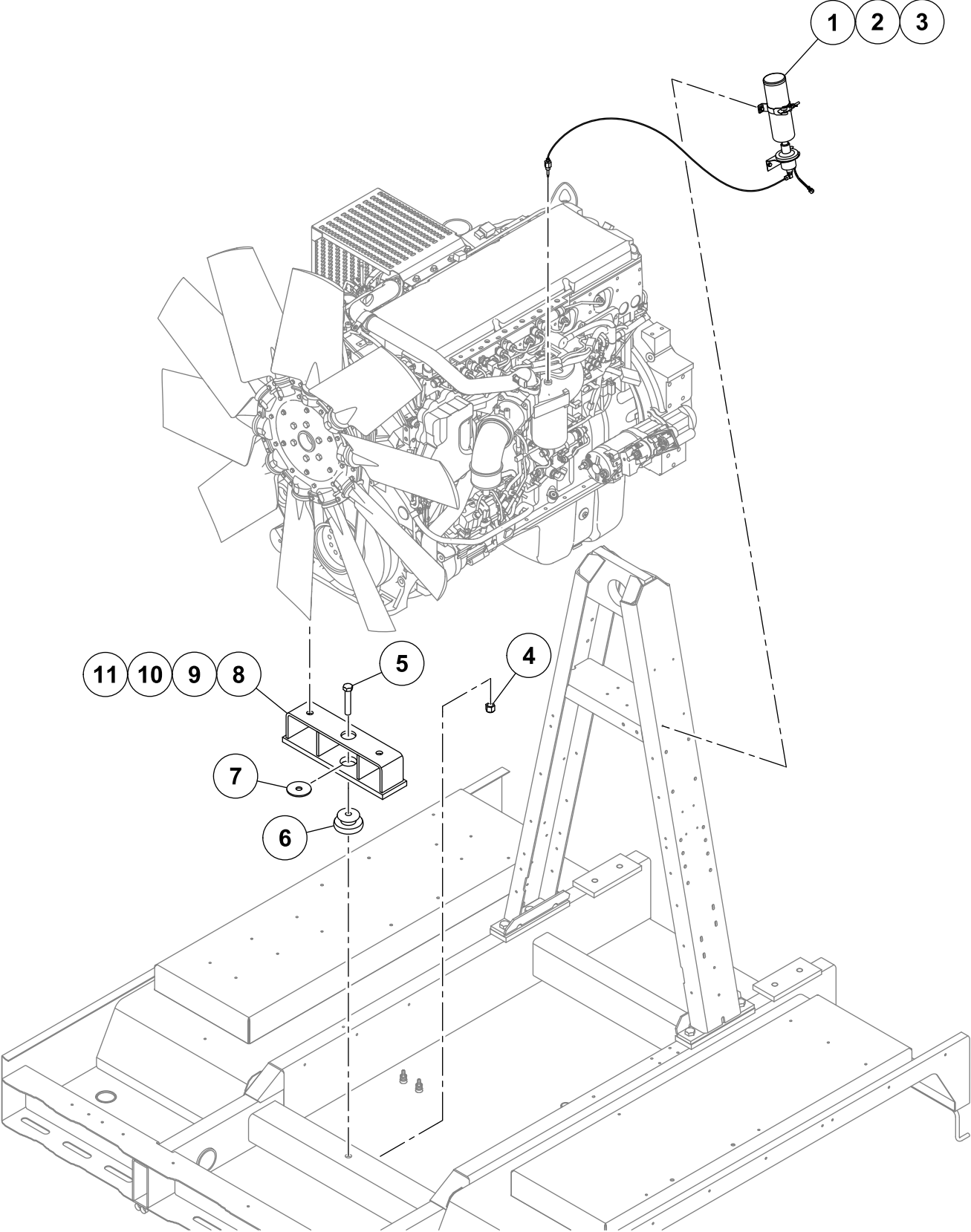
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46624600SB	Support, End, High Speed w/Shock Mount	2	
2	96716014	Screw, Hex, M14 - 2.0 X 14	2	
3	96719810	Screw, Hex, M14 - 2.0 X 40	4	
4	96728555	Nut, Hex Nylon Insert M14 - 2.0	6	
5	96703962	Screw, Hex M16 - 2.0 X 50	8	
6	96701750	Nut, Hex M16 - 2	8	
7	22876544SB	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



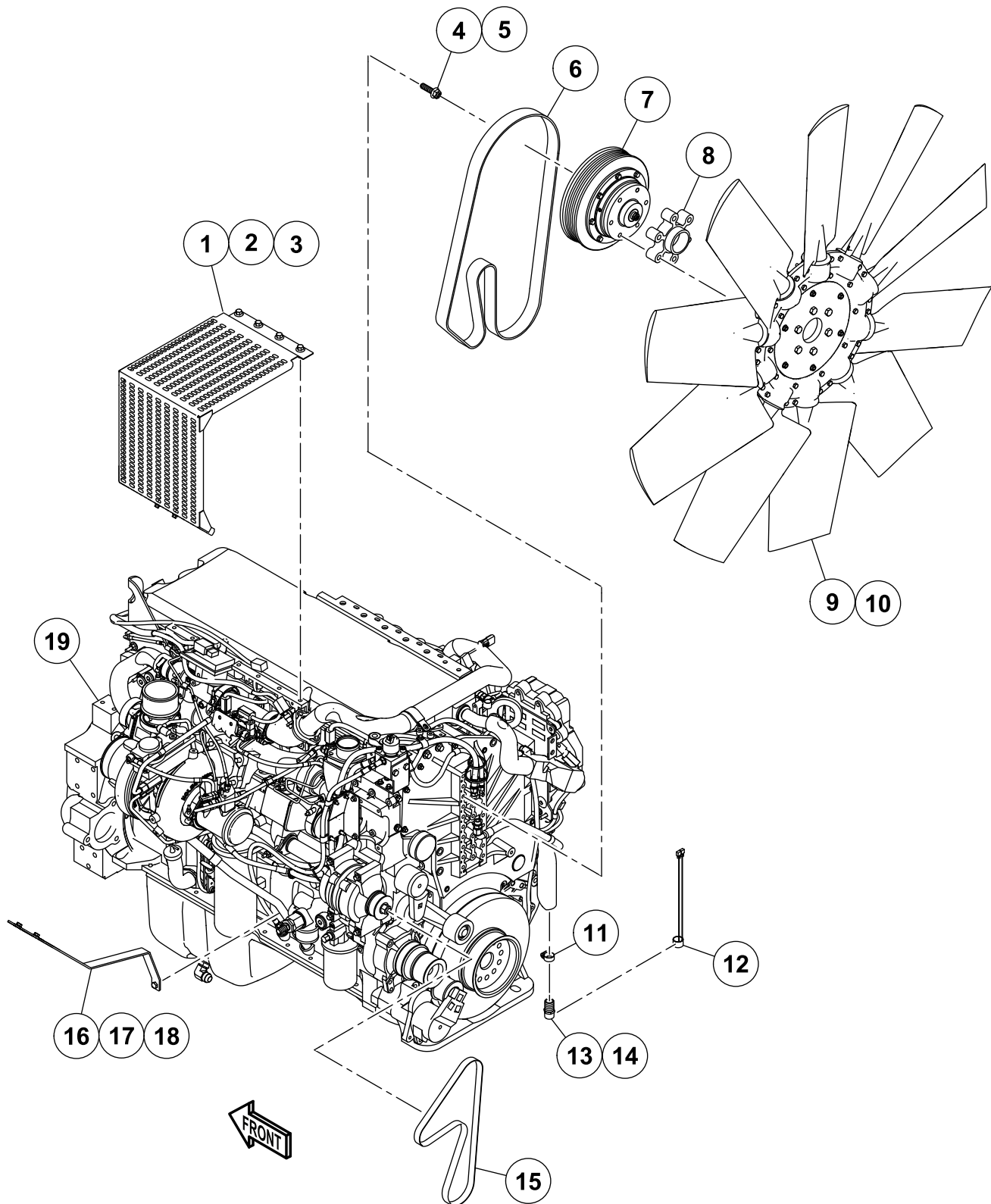
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	96704630	Nut, Hex M16 - 2	8	
2	22110761SB	Support, Upper Shock Mount	2	
3	36879302	Screw, Hex, M16 - 2.0 X 50	8	
4	22112171SB	Bar, Shock Mount Restraint	8	
5	95994877	Screw, Hex, 1/2" - 20 X 2"	16	
6	36847002	Isolator, Shear Mount	4	
7	22110753SB	Support, Lower Shock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

Engine, Installation



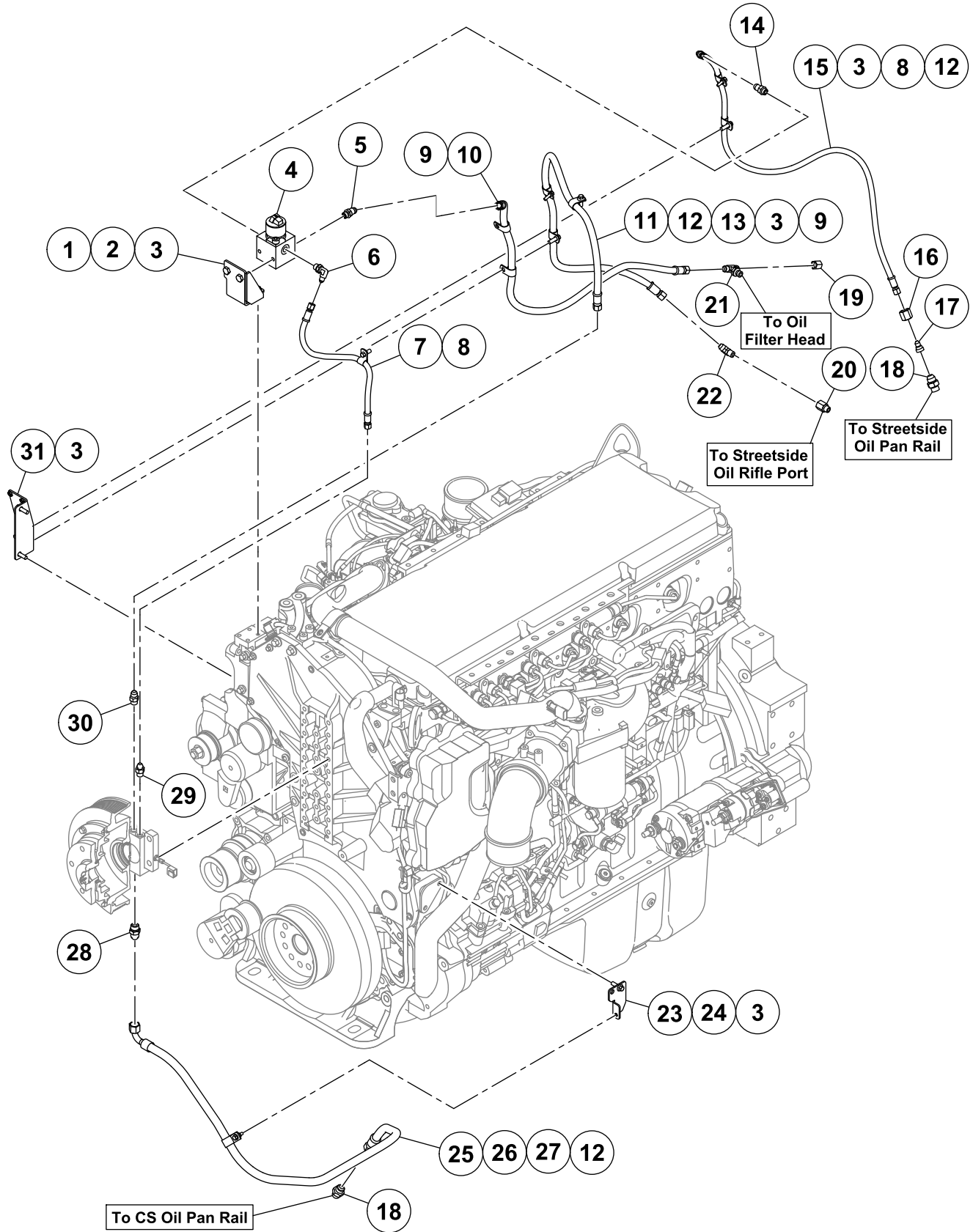
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46615380	Kit, Ether QSX15	1	
2	92368687	Screw, Tapping, M06 - 1.0 X 14	4	
3	35306141	Terminal Connector	2	
4	95923363	Nut, Hex Nylon Insert, 3/4" - 10	1	
5	95934253	Screw, Hex, 3/4" - 10 X 4"	1	
6	35584556	Mount, Center Bond	1	
7	35273937	Washer, Snubber	1	
8	54570122SB	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



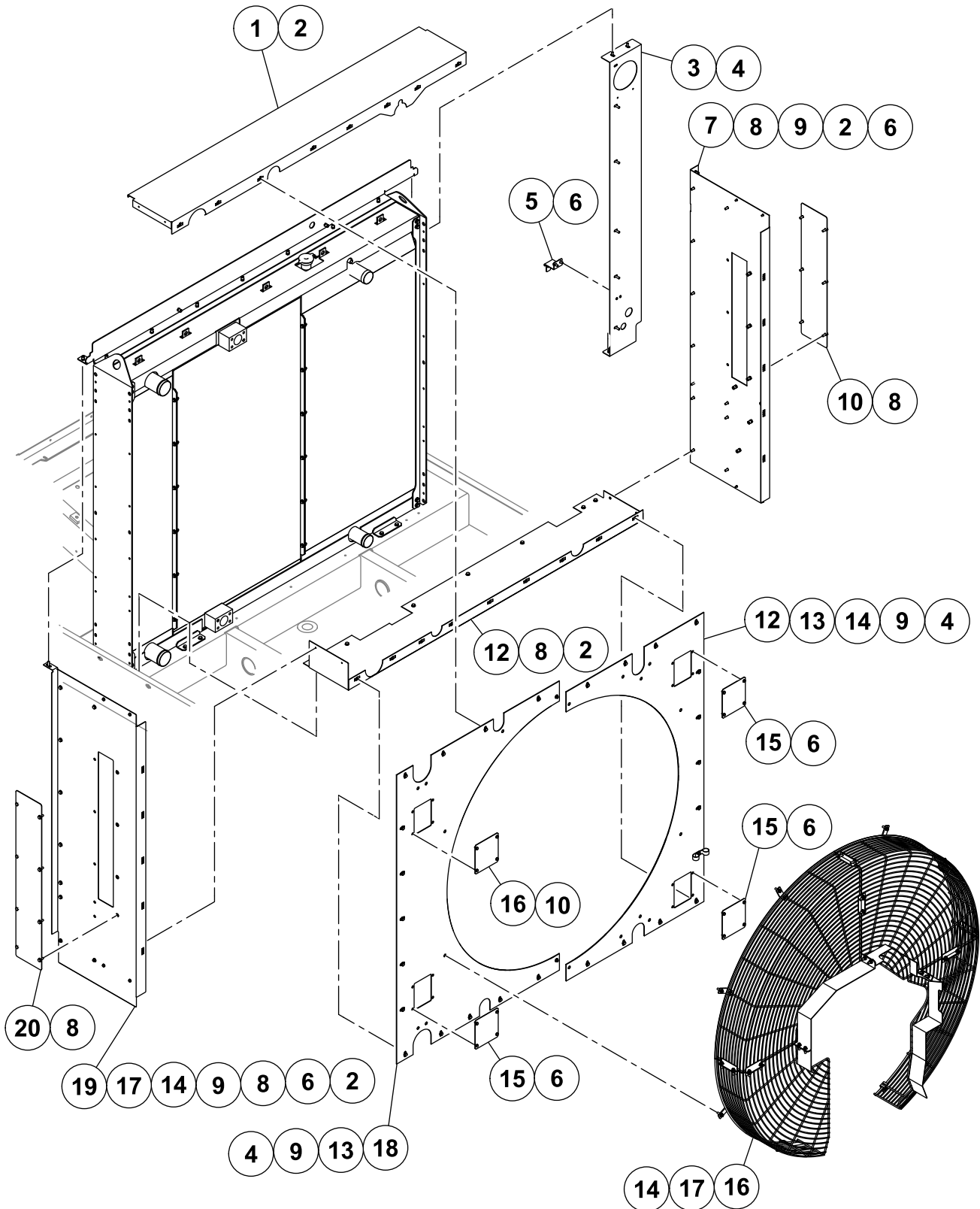
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46647799GB	Guard, Turbo Cummins	1	Not Shown
2	36879492	Screw, Hex Flange, M12 - 1.75 X 25	4	
3	36889608	Screw, Hex Flange, M08 - 1.25 X 25	2	
4	46671024	Screw, M12-1.75 X 60	4	
5	36879203	Nut, Hex, Flange Serrated, M12 -1.75	4	
6	46643008	Belt, Engine Fan	1	
7	46666788	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



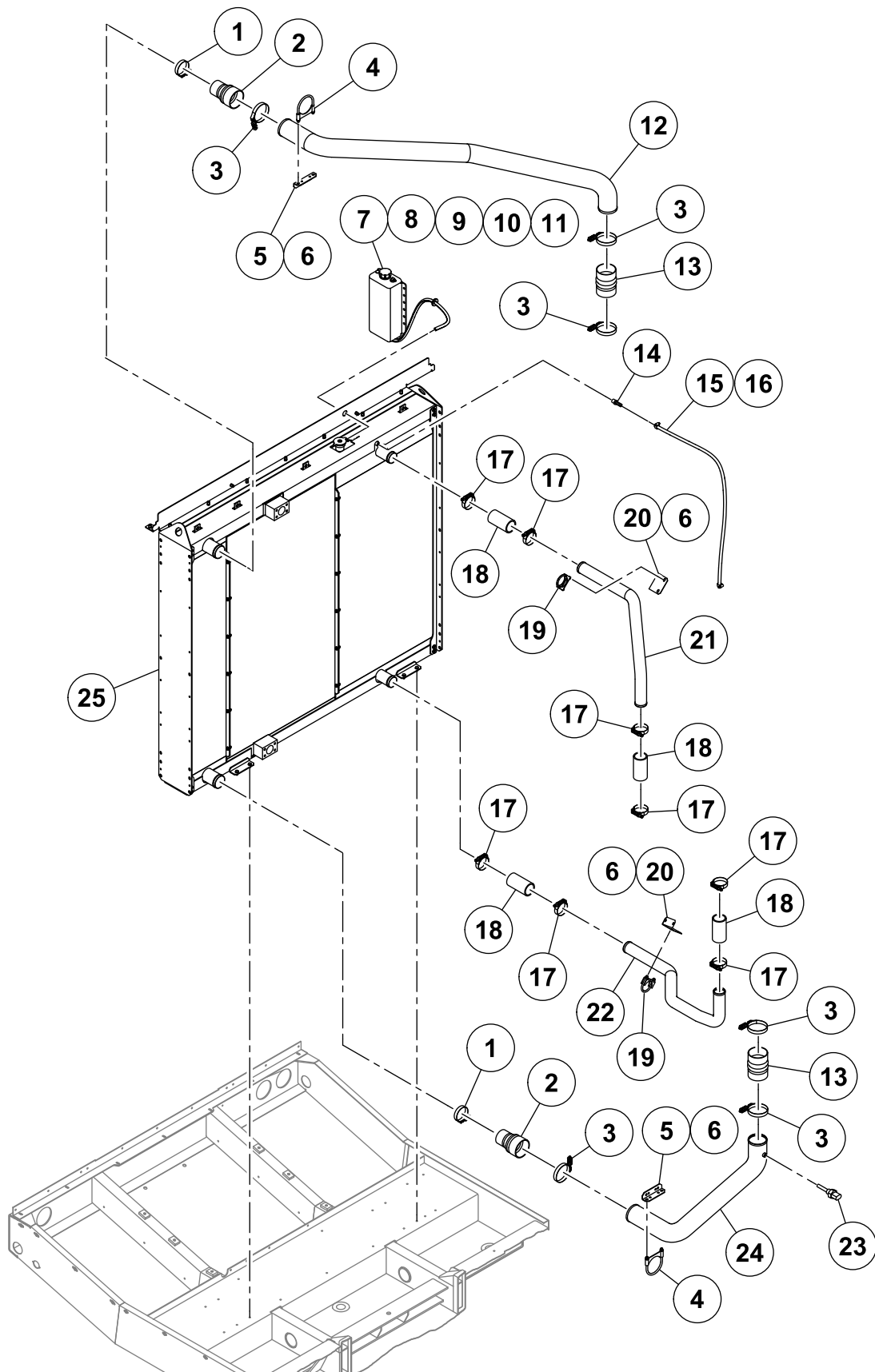
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46655082SB	Bracket, Fan Clutch Control Valve	1	
2	96702279	Screw, Hex, M10 - 1.5 X 20	2	
3	36889608	Screw, Hex, M8 - 1.25 X 25	7	
4	46655083	Controller, Fan Clutch	1	
5	35279835	Elbow, 45° 9/16" - 18 X -6 JIC	1	
6	95365094	Elbow, 90° 9/16" - 18 X -6 JIC	1	
7	35358084	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	35321389	Cap, -6 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	
29	35287903	Connector, -4 JIC X 7/16" -20 UNF SAE O-Ring	1	
30	35283076	Connector, -6 JIC X 9/16" -18 UNF SAE O-Ring	1	
31	46655196SB	Bracket, Hose Clamp, Fan Clutch	1	
	35268788	Cable Tie, 1/8" X 8"	6	

Cooling System, Fan Shroud Installation



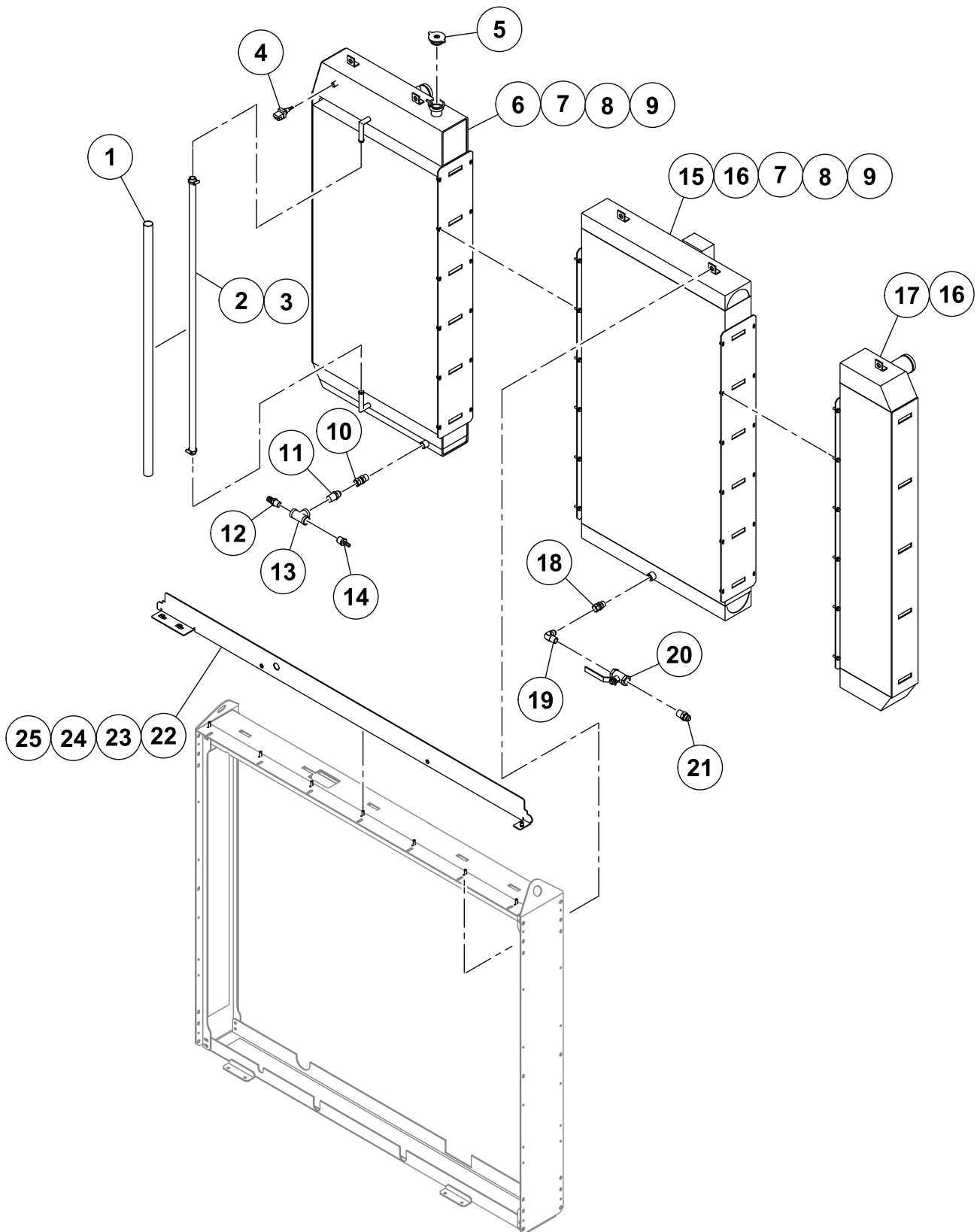
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46560539SA	Shroud, Cooler Top	1	
2	35346741	Nut, Retainer, 5/16" - 18	29	
3	46651471SA	Baffle, Cooler Streetside	1	
4	35144336	Screw, Hex Flange Lock, 5/16" - 18 X 3/4"	29	
5	46636141SA	Bracket, Hose Clamp	1	
6	36797652	Screw, Tapping, M06 - 1.0 X 12	26	
7	46651472SA	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



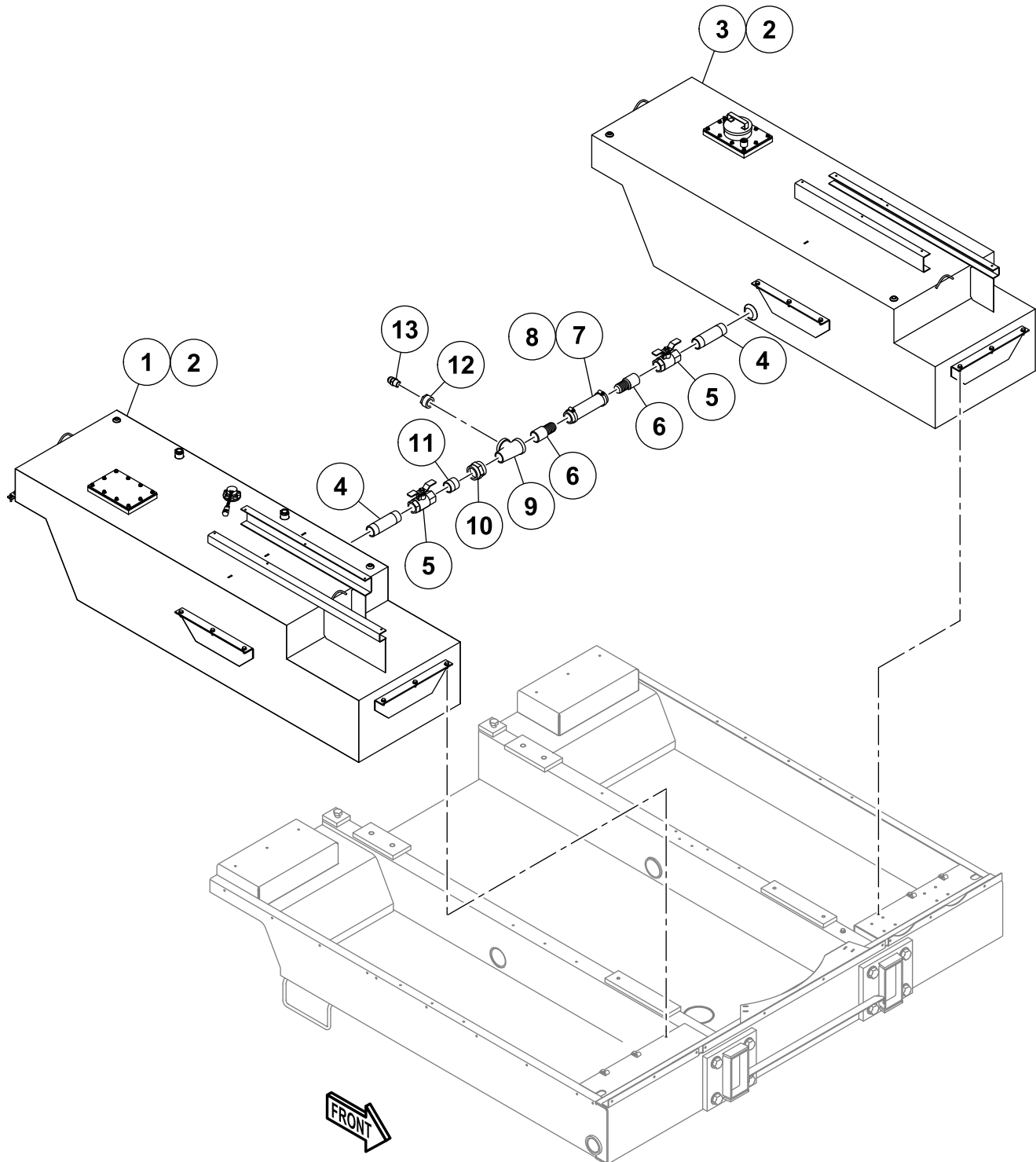
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46490835	Clamp, Spring Loaded T-Bolt, 3-1/4" - 3-1/2" ID	2	Measured in Inches
2	22058564	Hose, Straight Bellows, 4" - 3"	2	
3	54444427	Clamp, Spring Loaded T-Bolt, 4" - 4-5/16" ID	6	
4	35111731	Clamp, Saddle, 4" ID	2	
5	46572839SA	Bracket, Clamp Support	2	
6	36889608	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



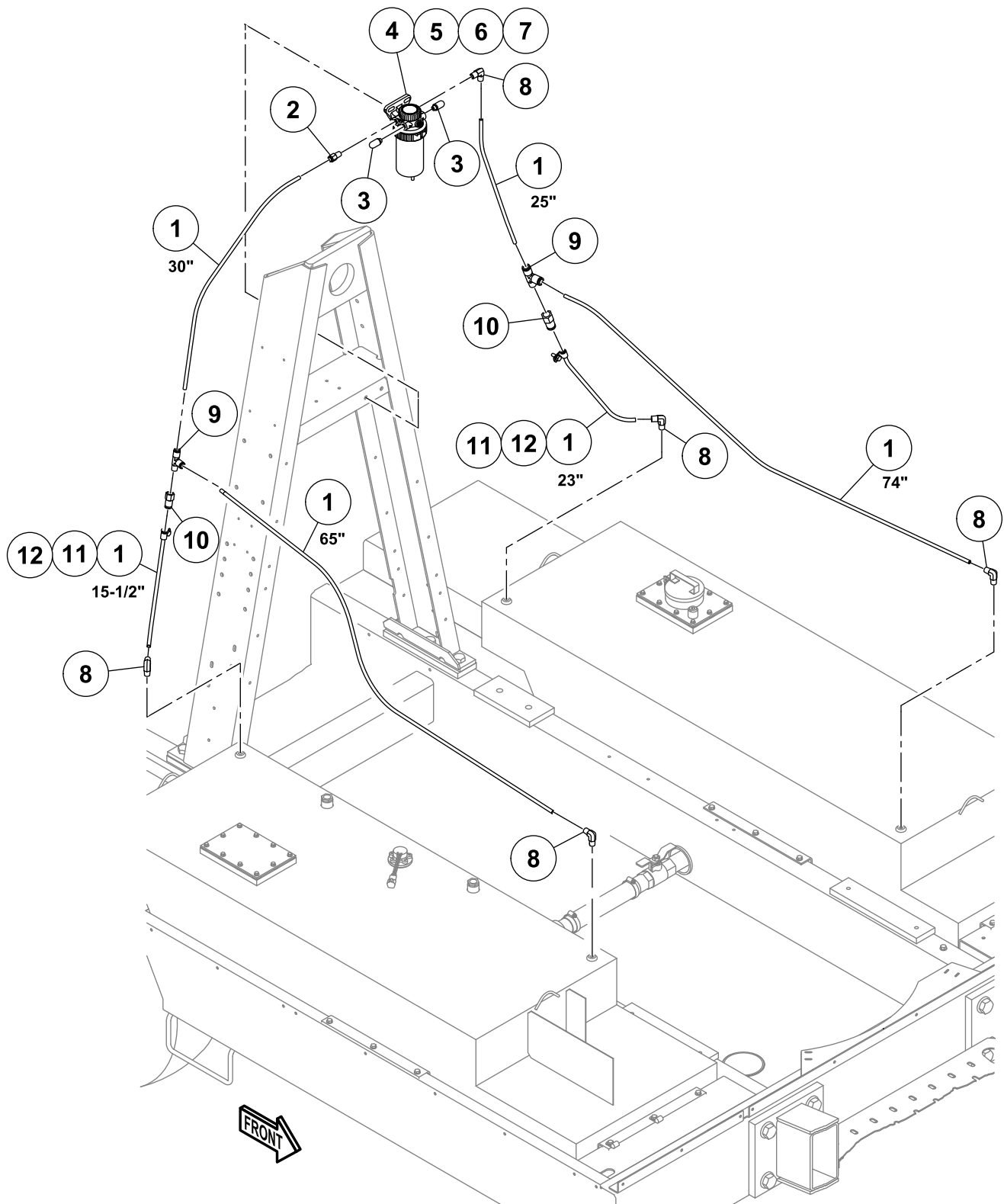
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46652356	Sleeving, Thermal, 1–1/2"	50	Measured in Inches
2	46652352	Hose, Silicone, Coolant, 3/4"	55	Measured in Inches
3	46641422	Clamp, Constant Tension #12	2	
4	22769186	Sensor, Coolant Level	1	
5	22078190	Cap, Radiator	1	
6	46556490	Radiator	1	
7	95929782	Nut, 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



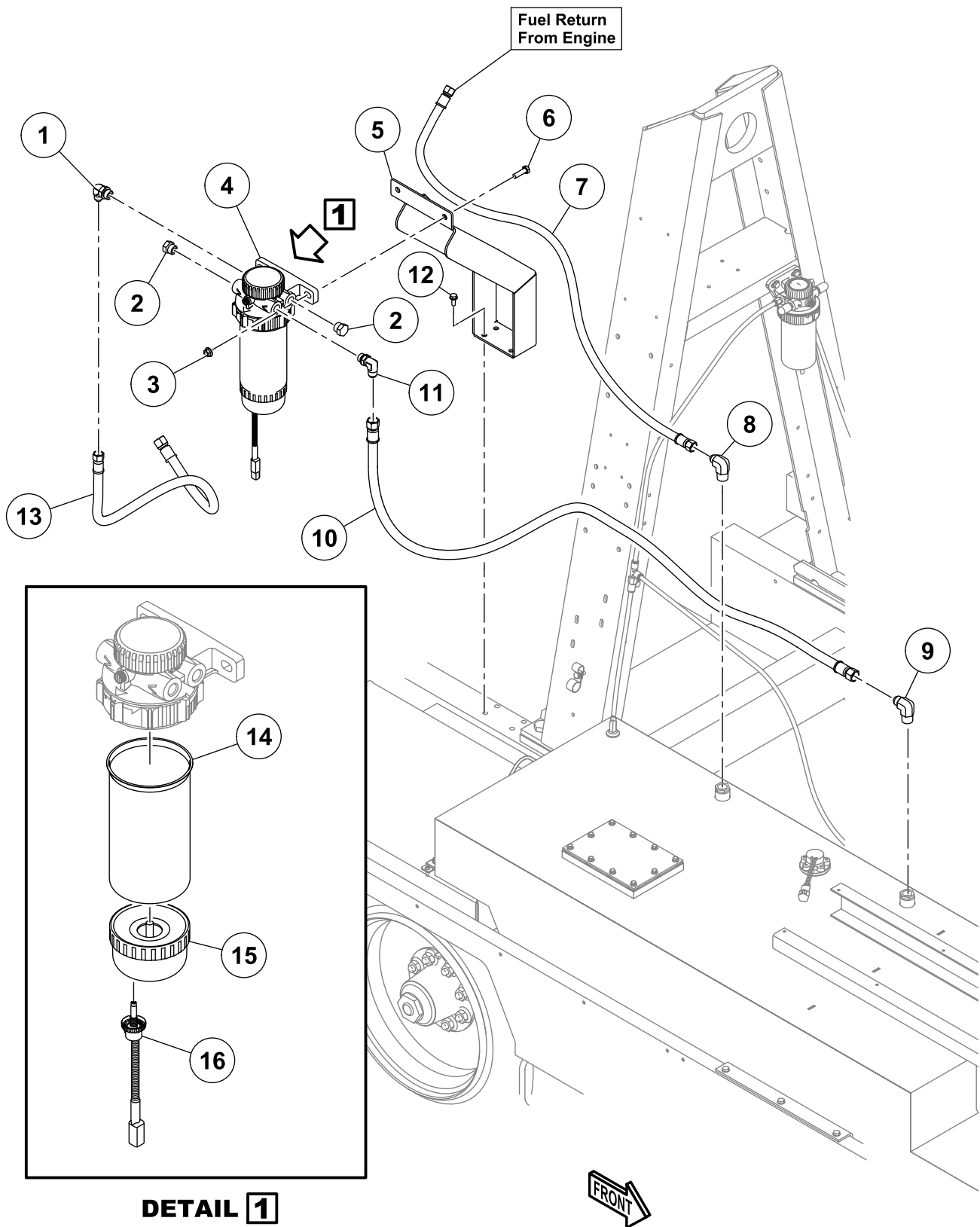
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46653146SB	Tank, Tandem, RH Fuel	1	Measured in Inches
2	35279025	Screw, Tapping, M08 - 1.25 X 20	24	
3	46653145SB	Tank, Tandem, LH Fuel	1	
4	95953535	Nipple, Long, 1-1/2" NPT X 6"	2	
5	46586499	Valve, Ball, 1-1/2" NPT Tee Handle	2	
6	54762190	Fitting, Barbed, 1-1/2" 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



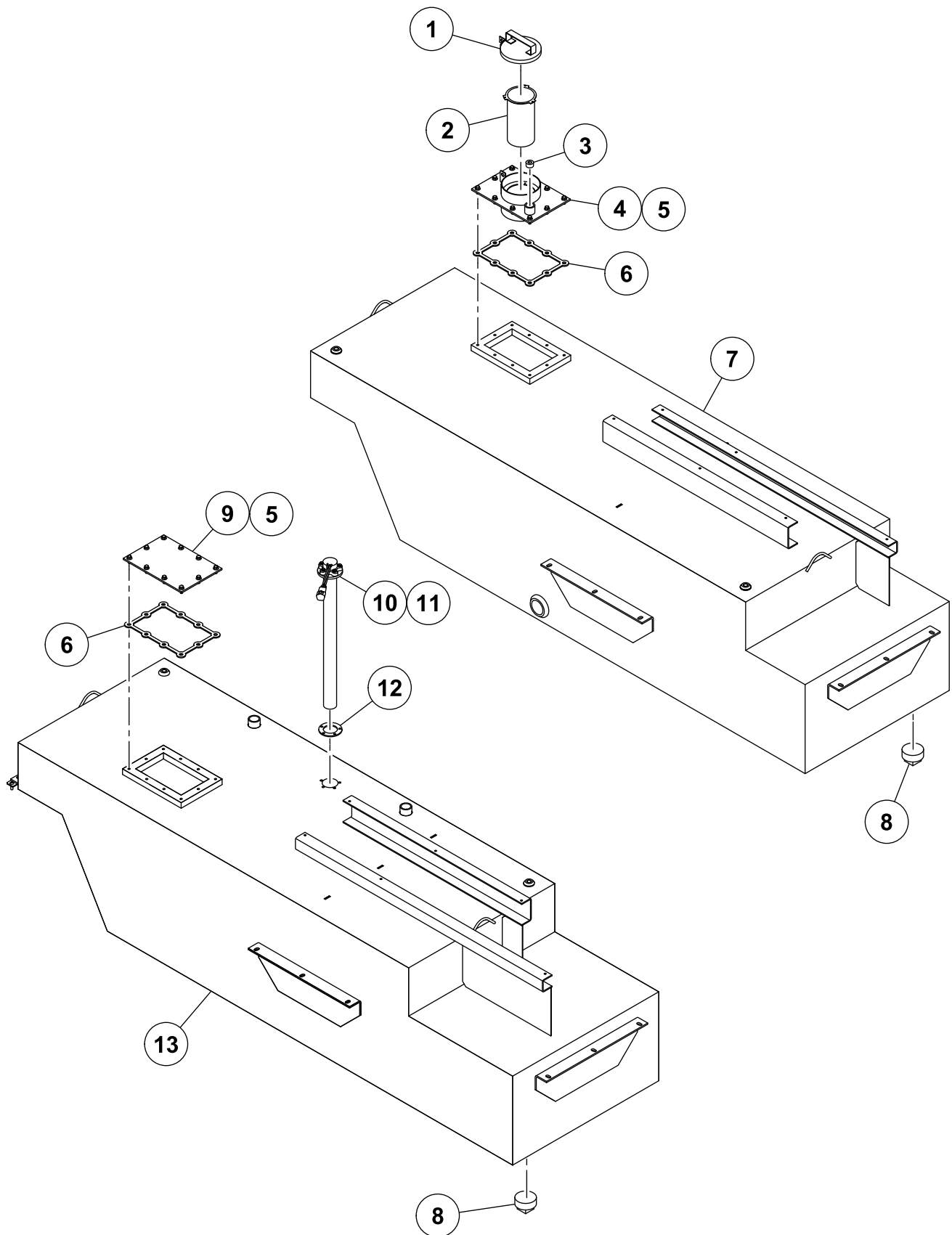
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35356484	Tubing, Synflex, 3/8" OD	222	Measured In Inches
2	35369347	Connector, 1/4" NPT X 3/8" Tube	1	
3	35322395	Silencer, Pneumatic, 1/4" NPT	2	
4	46591539	Filter, Fuel Tank Vent 5 Micron	1	
5	36881886	Nut, Hex Flange, M08 - 1.25	2	
6	95934998	Washer, Flat, 5/16" 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



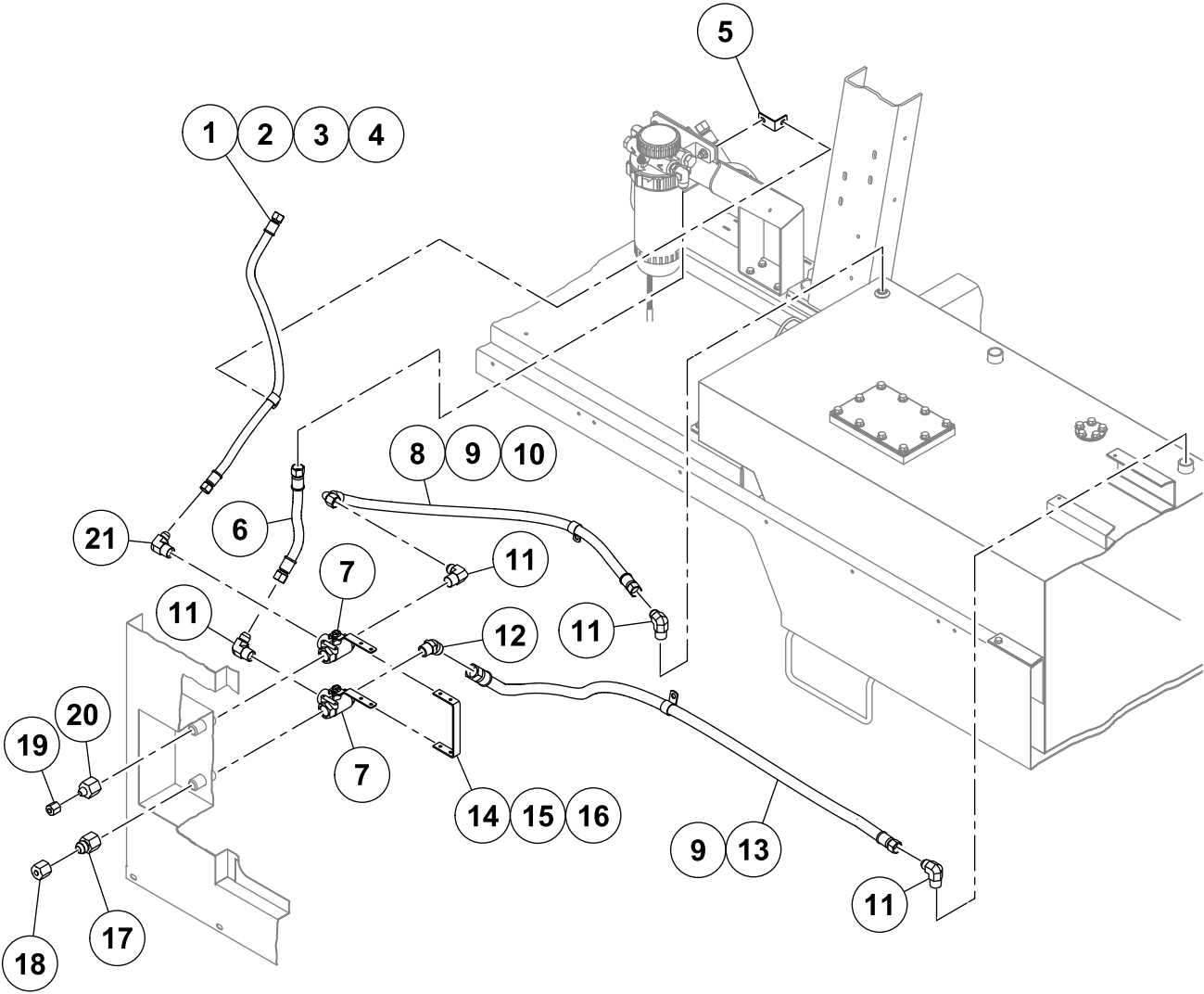
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46628021	Elbow, 90° 7/8" - 14 O-Ring X -8 JIC Swivel	1	
	95973228	O-Ring	1	
2	35287028	Plug, 7/8" - 14 O-Ring	2	
	35286533	O-Ring	2	
3	36879195	Nut, Hex Flange, M10 - 1.5	2	
4	46578119	Filter, Fuel / Water Separator 7 Micron	1	
5	46586779SB	Bracket, 7 Micron Fuel / 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, Fuel Tank Assemblies



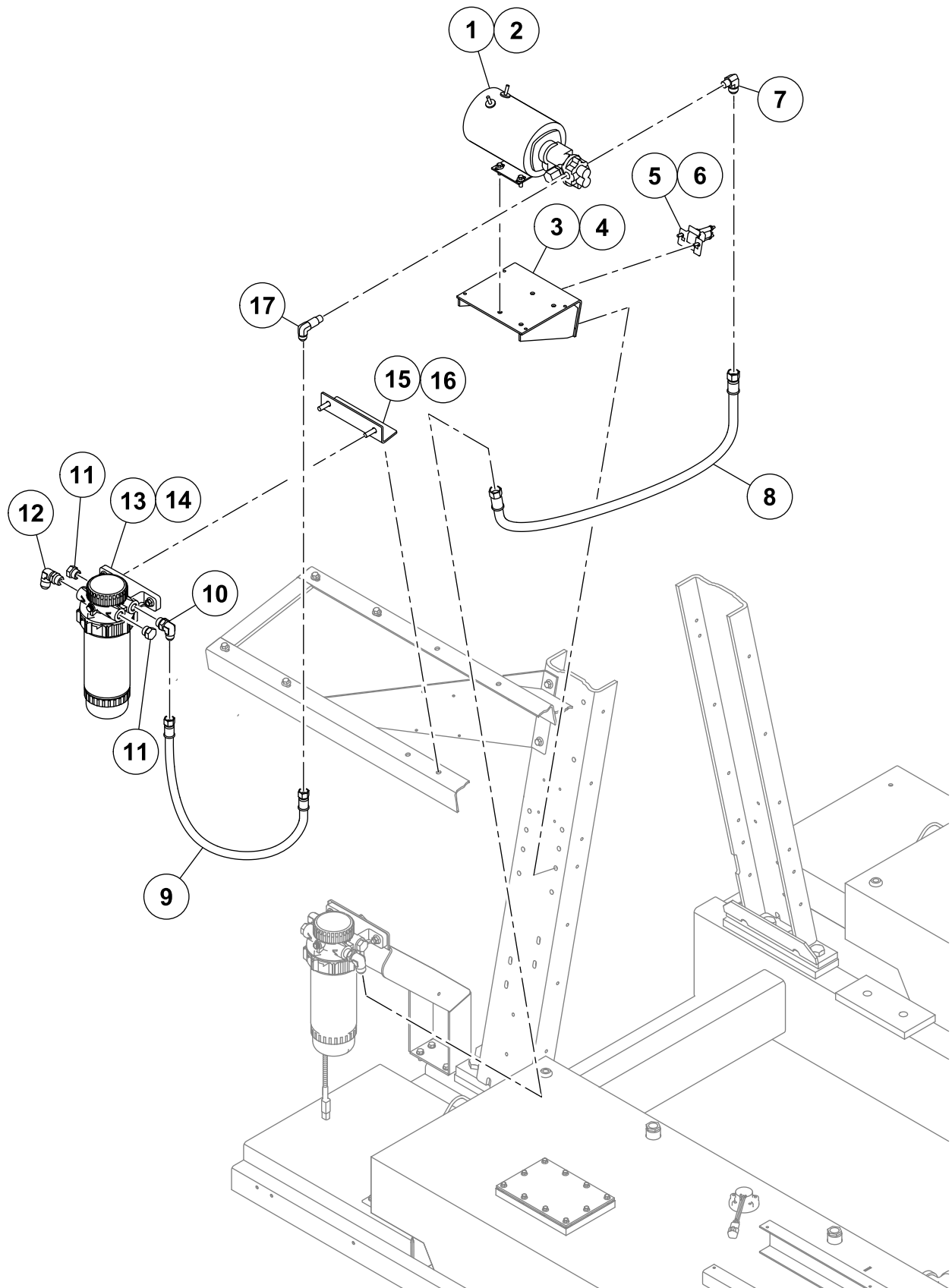
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36845014	Cap, Fuel Filler	1	
2	36845022	Strainer, Fuel Tank	1	
3	95928255	Plug, Hex Socket, 1/2" NPT	1	
4	23148737	Cover, Fuel Fill	1	
5	35144328	Screw, Hex Lock, 1/4" - 20 UNC X 5/8"	20	
6	35389964	Gasket, Cover	2	
7	46653145SB	Tank, Tandem, SS Fuel	1	
8	95437141	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, Tandem, Remote Fuel Lines, No Pump



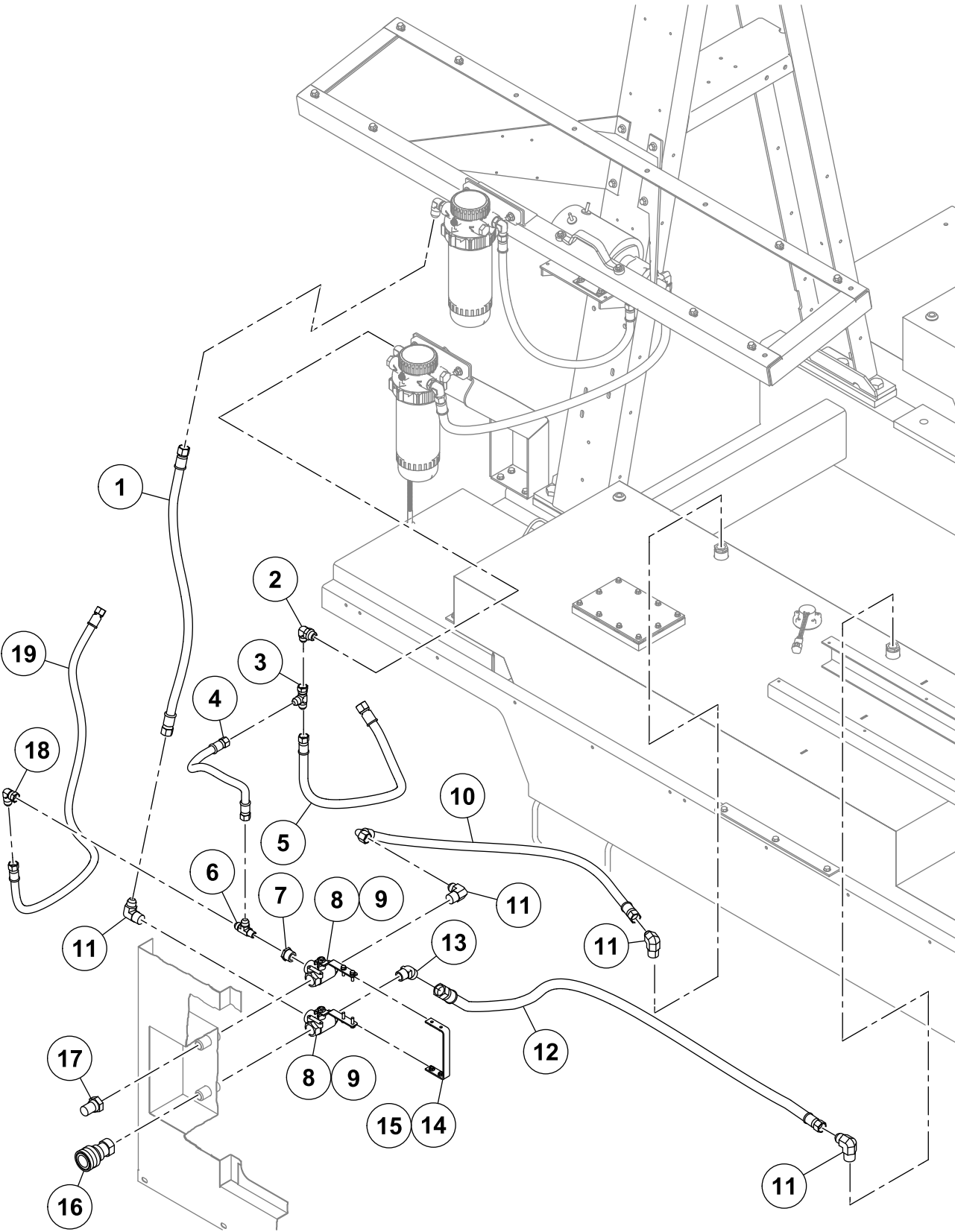
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35295179	Hose, -8 JIC X 34"	1	
2	35291285	Clamp, Hose, 13/16"	1	
3	96702824	Screw, Hex Head, M08 -1.25 X 20	1	
4	96735543	Nut, Hex, M08 - 1.25	1	
5	35127224	Bracket, Support,	1	
6	35287010	Hose, -10 JIC X 12"	1	
7	54726575	Valve, 3-Way 3/4" NPT	2	
8	46568771	Hose, -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



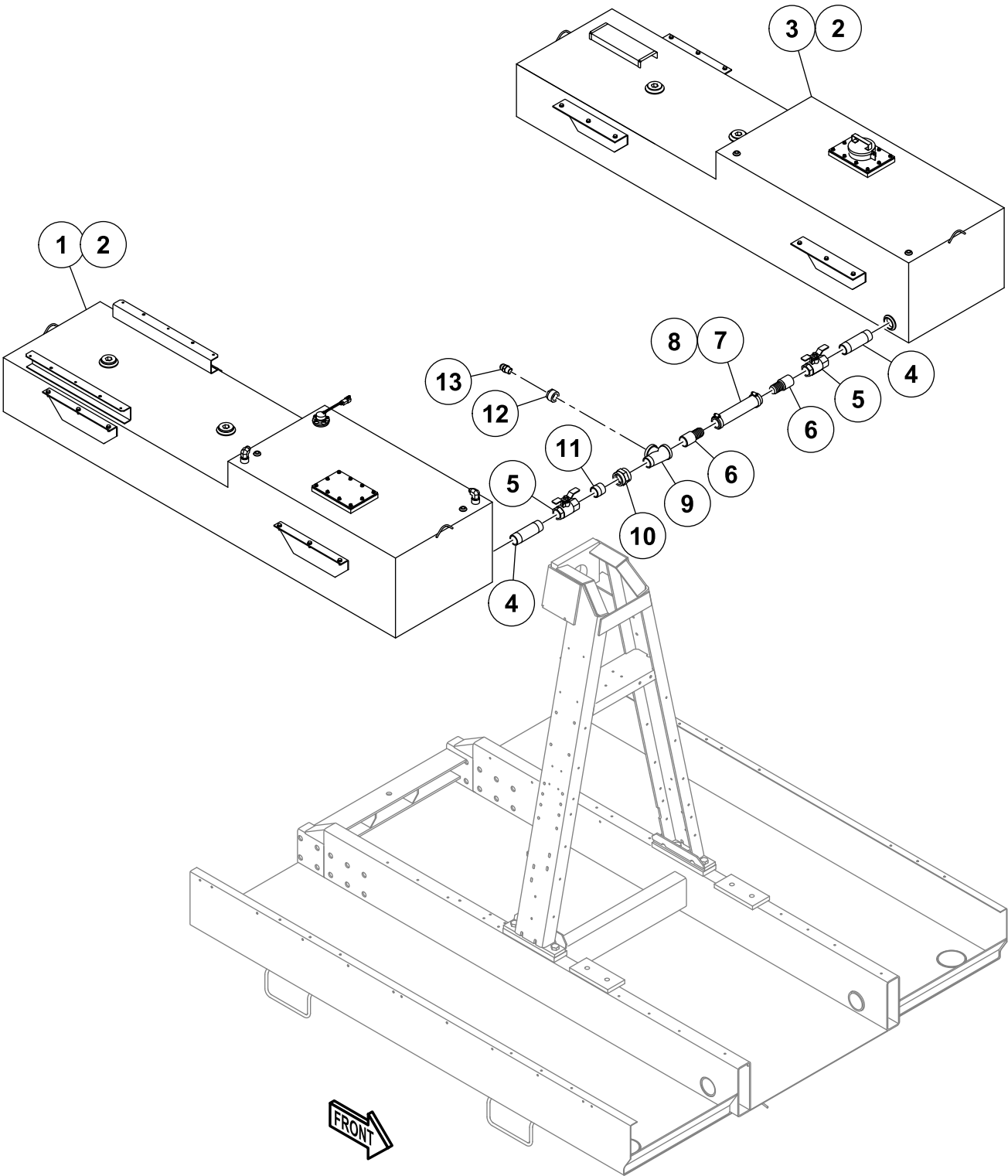
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46595339	Fuel Pump Assembly	1	Replacement Element
	95973228	O-Ring, 0.755" ID X 0.097" Viton	1	
2	96704408	Screw, Hex Flange, M08 - 1.25 X 20	4	
3	23116270	Bracket, Fuel Pump Mounting	1	
4	36881886	Nut, Hex, M08 - 1.25	4	
5	36853521	Relay, 100A 24V	1	
6	92368687	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



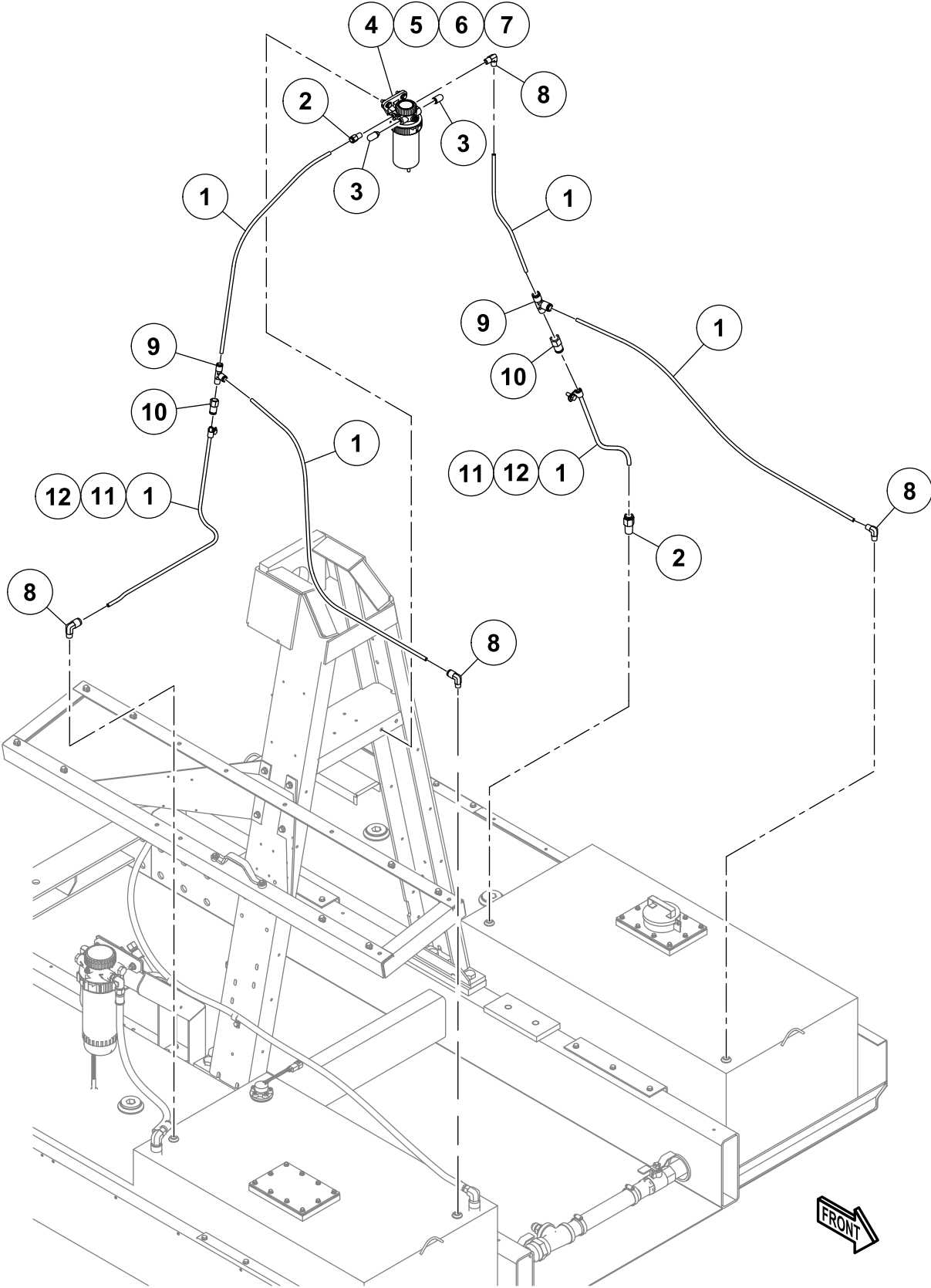
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35325083	Hose, -10 JIC X 34"	1	
2	35286442	Elbow, 90° 3/4" NPT X -8 JIC	1	
3	35287929	Tee, -8 JIC X -8 JIC X -8 JIC	1	
4	35287952	Hose, -8 JIC X 18"	1	
5	46580979	Hose, -10 JIC X 38"	1	
6	35315977	Tee, 3/8" MP X -8 X -8	1	
7	95953956	Bushing, Hex Reducer, 3/4" NPT 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, Wagon, Fuel Tank Installation



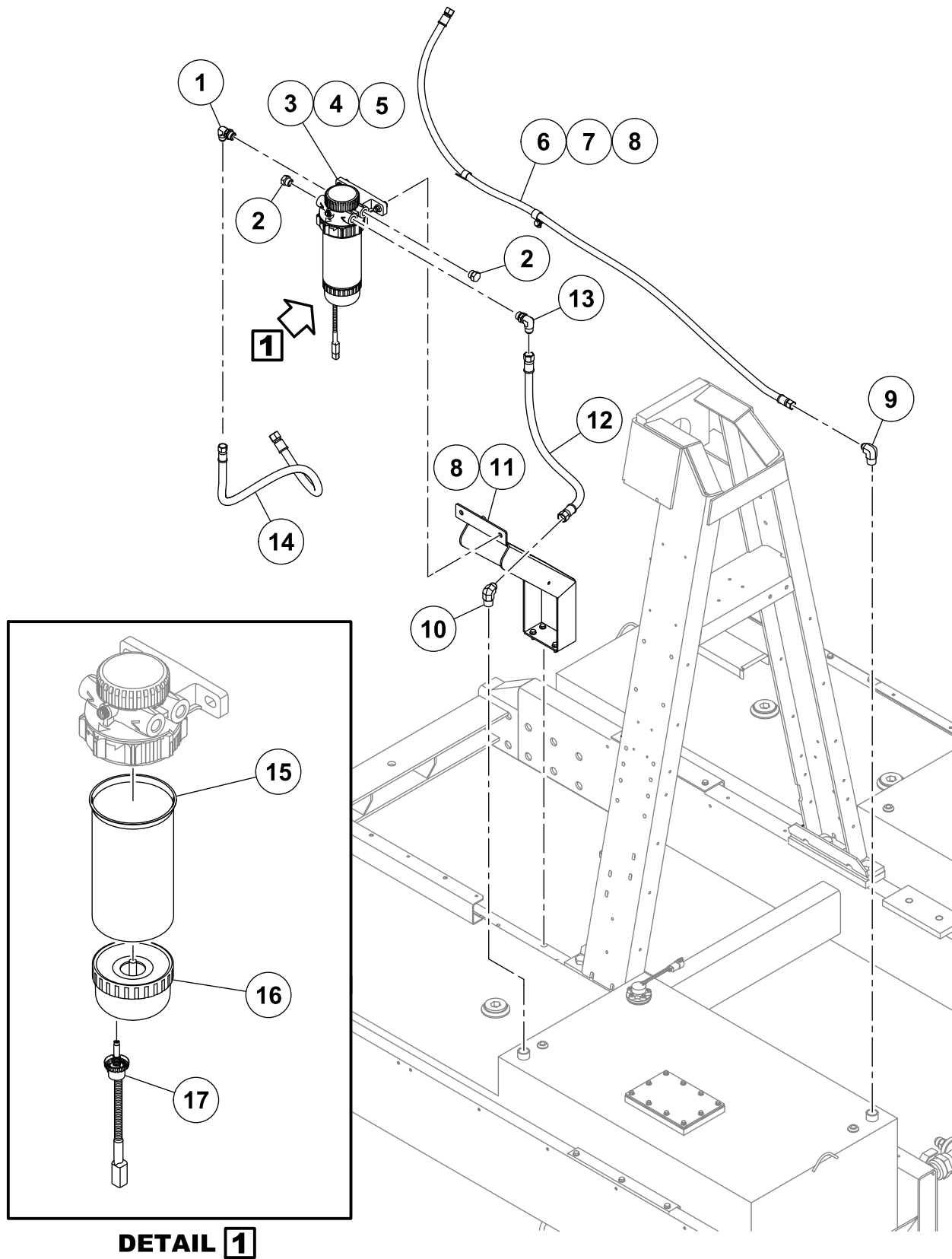
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46654985SB	Tank, Fuel, Curbside, Wagon	1	
2	35279025	Screw, Hex, M08 - 1-1/4" X 20	24	
3	46654984SB	Tank, Fuel, Streetside, Wagon	1	
4	95953535	Nipple, 1-1/2" NPT X 6"	2	
5	46586499	Valve, Ball, 1 - 1/2" NPT	2	
6	54762190	Fitting, Barbed, 1-1/2" NPT X 2"	2	
7	46645703	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



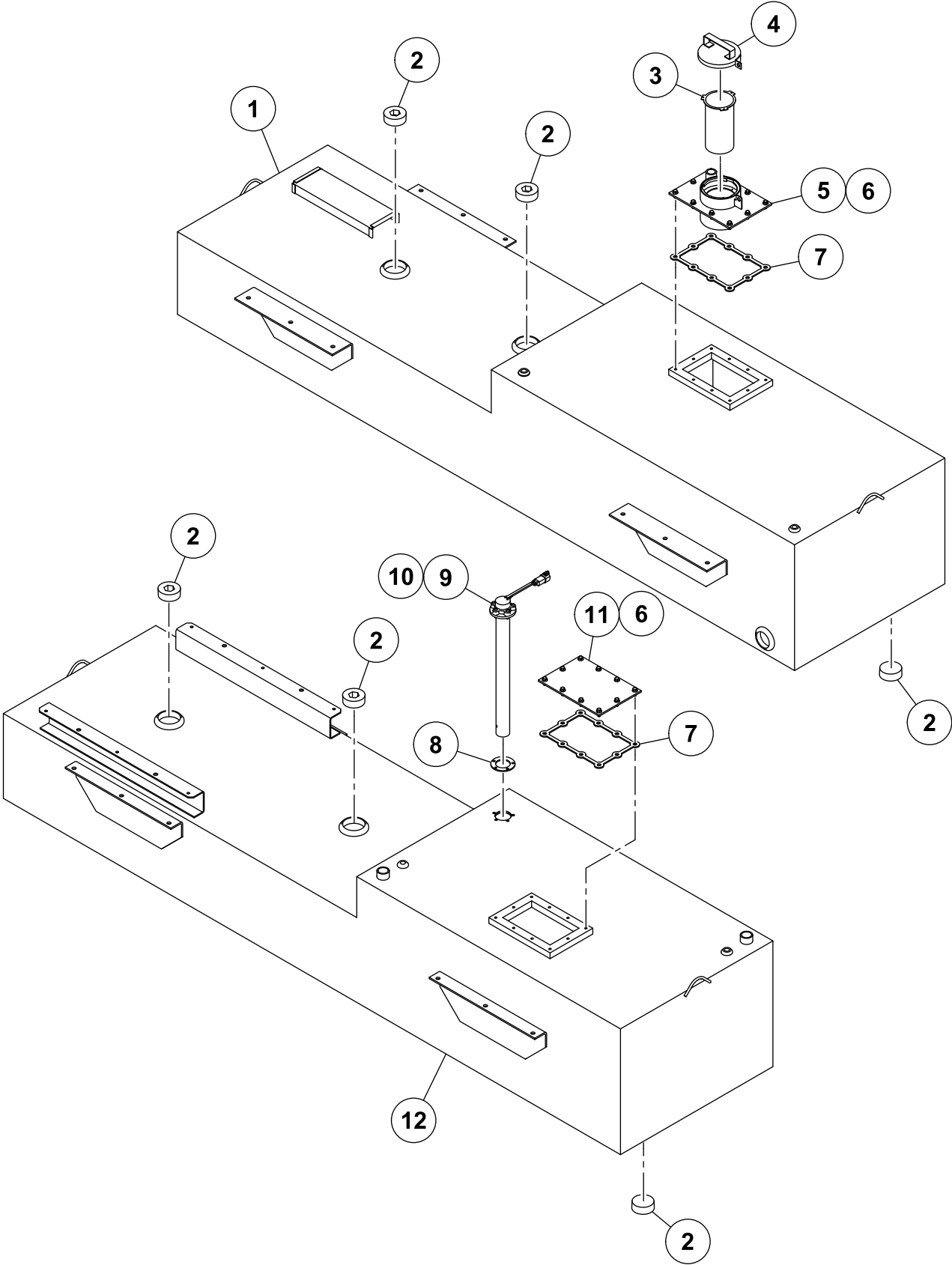
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35356484	Tubing, Synflex, 3/8" OD	222	Measured In Inches
2	35369347	Connector, 1/4" NPT X 3/8" Tube	1	
3	35322395	Silencer, Pneumatic, 1/4" NPT	2	
4	46591539	Filter, Fuel Tank Vent 5 Micron	1	
5	36881886	Nut, Hex Flange, M08 - 1.25	2	
6	95934998	Washer, Flat, 5/16" 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



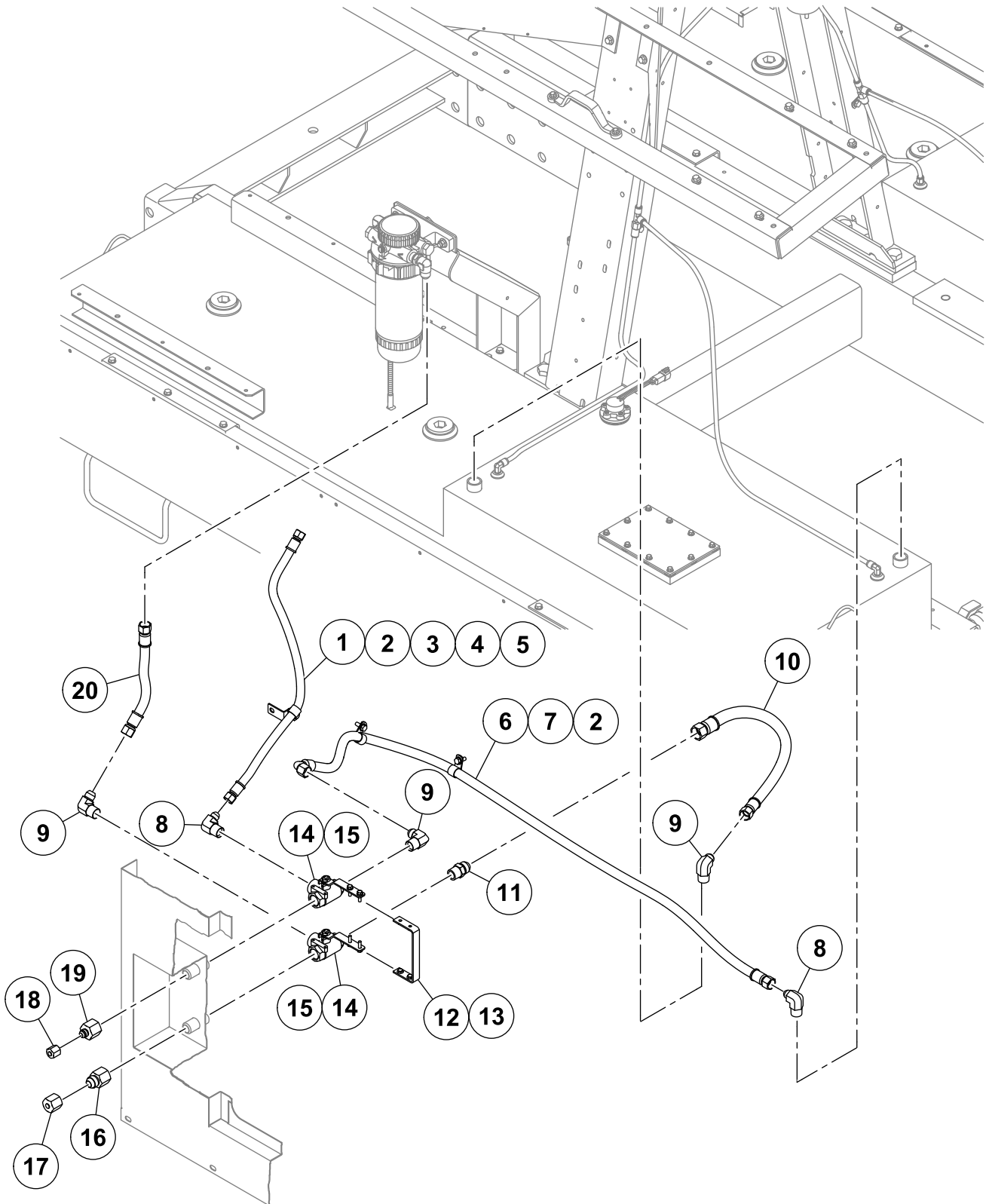
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46628021	Elbow, 90° - 8 JIC X 7/8" - 14	1	
2	35287028	Plug, O-Ring 7/8" - 14	2	
3	46578119	Filter, Fuel/Water Separator 7 Micron	1	
4	36879195	Nut, Hex, M10 - 1.5	2	
5	96704309	Screw, Hex, M10 - 1.5 X 35	2	
6	35283522	Hose, -8 JIC X 77"	1	
7	35291285	Clamp, Support, 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, Fuel Tank Assemblies



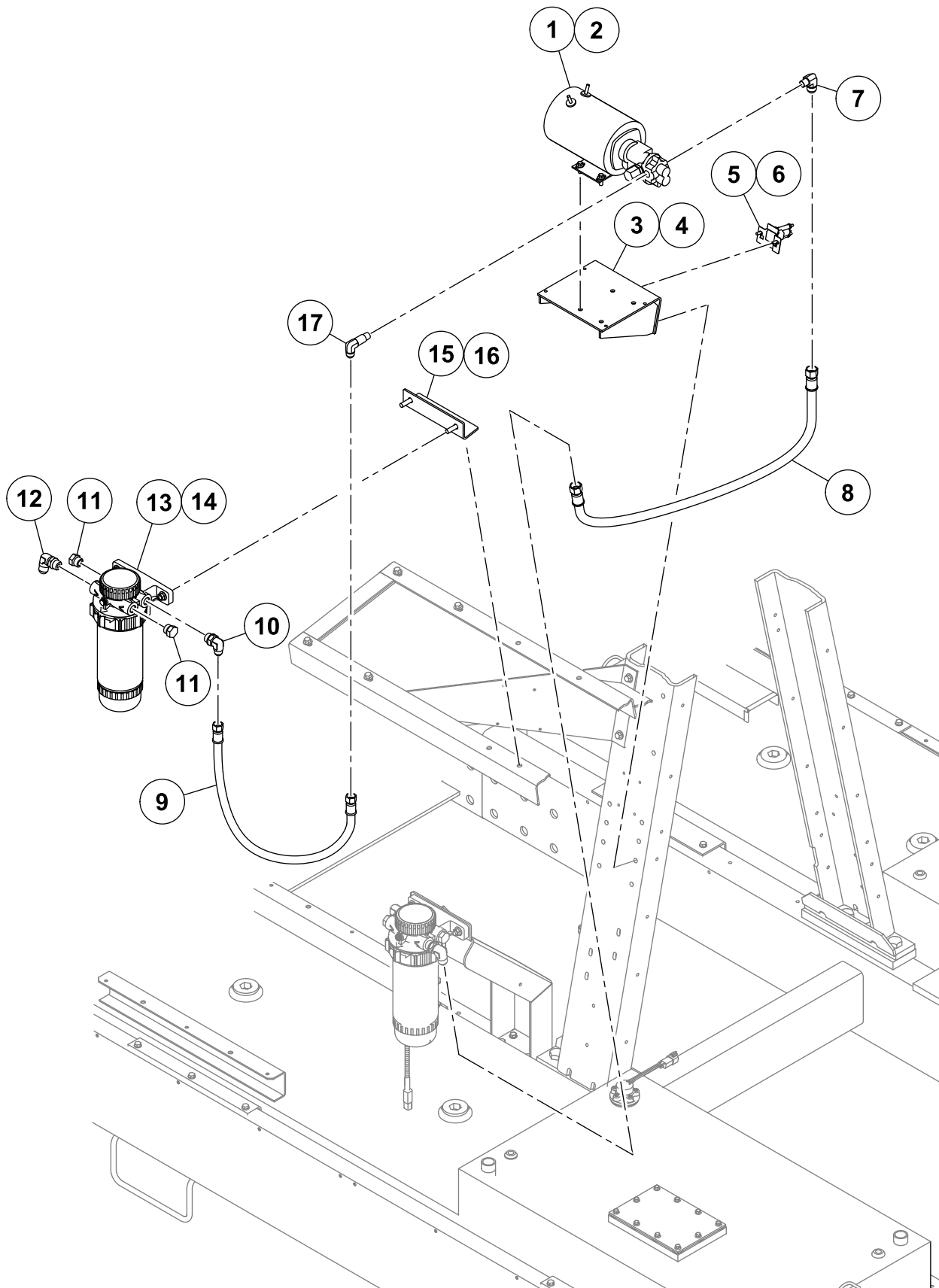
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46654984	Tank, Fuel, CS Wagon	1	
2	95941811	Plug, Hex, 2" NPT	6	
3	36845022	Strainer, Fuel Tank	1	
4	36845014	Cap, Fuel Filler	1	
5	46652621	Cover, Fuel Tank Filler	1	
6	35144328	Screw, Hex Flange, 1/4" - 20 X 5/8"	20	
7	35389964	Gasket, Cover	2	
8	35361849	Gasket, 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	

Fuel System, Wagon, Remote Fuel, No Pump



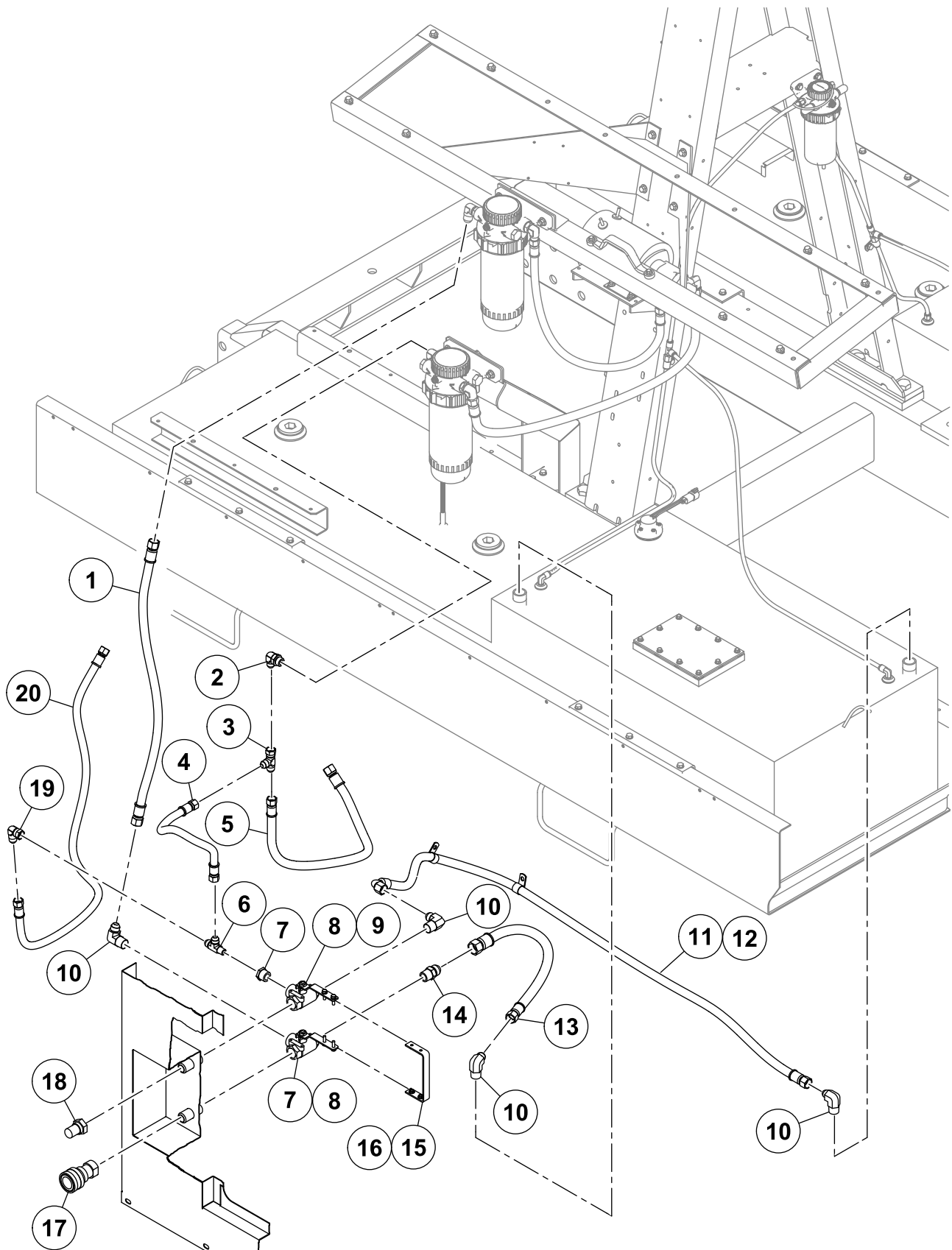
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35295179	Hose, -8 JIC X 34"	1	
2	35291285	Clamp, Hose, 13/16"	3	
3	96702824	Screw, Hex Head, M08 -1.25 X 20	1	
4	96735543	Nut, Hex, M08 - 1.25	1	
5	35127224	Bracket, Support,	1	
6	46627142	Hose, -10 JIC X 68 - 1/2" 90° Elbow	1	
7	35279025	Screw, Hex Head, M08-1.25 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



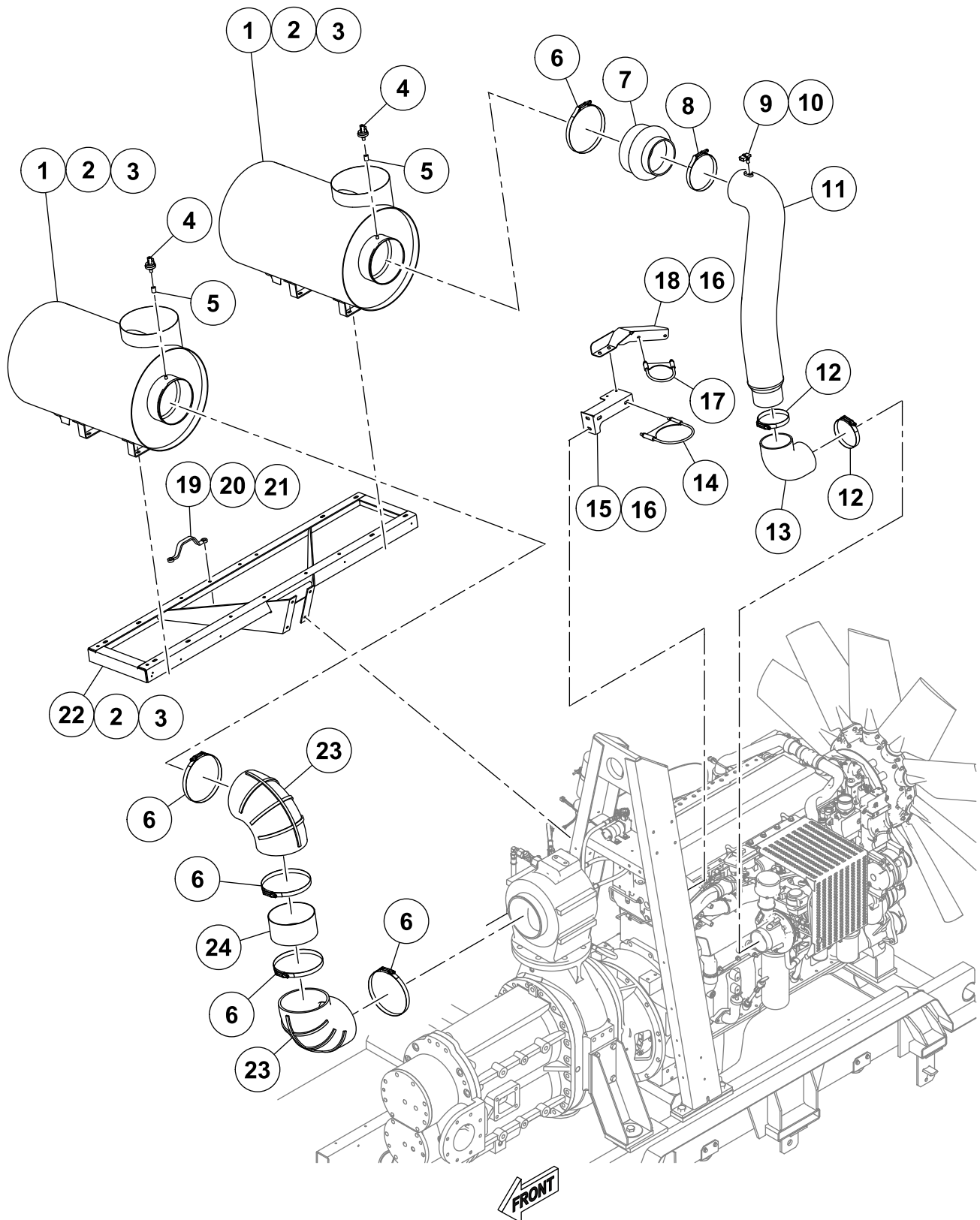
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46595339	Fuel Pump Assembly	1	
2	96704408	Screw, Hex Flange, M08 - 1.25 X 20	4	
3	23116270	Bracket, Fuel Pump Mounting	1	
4	36881886	Nut, Hex, M08 - 1.25	4	
5	36853521	Relay, 100A 24V	1	
6	92368687	Screw, Tapping, M06 - 1.0 X 14	2	
7	35286525	Elbow, 90° 3/8" NPT 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



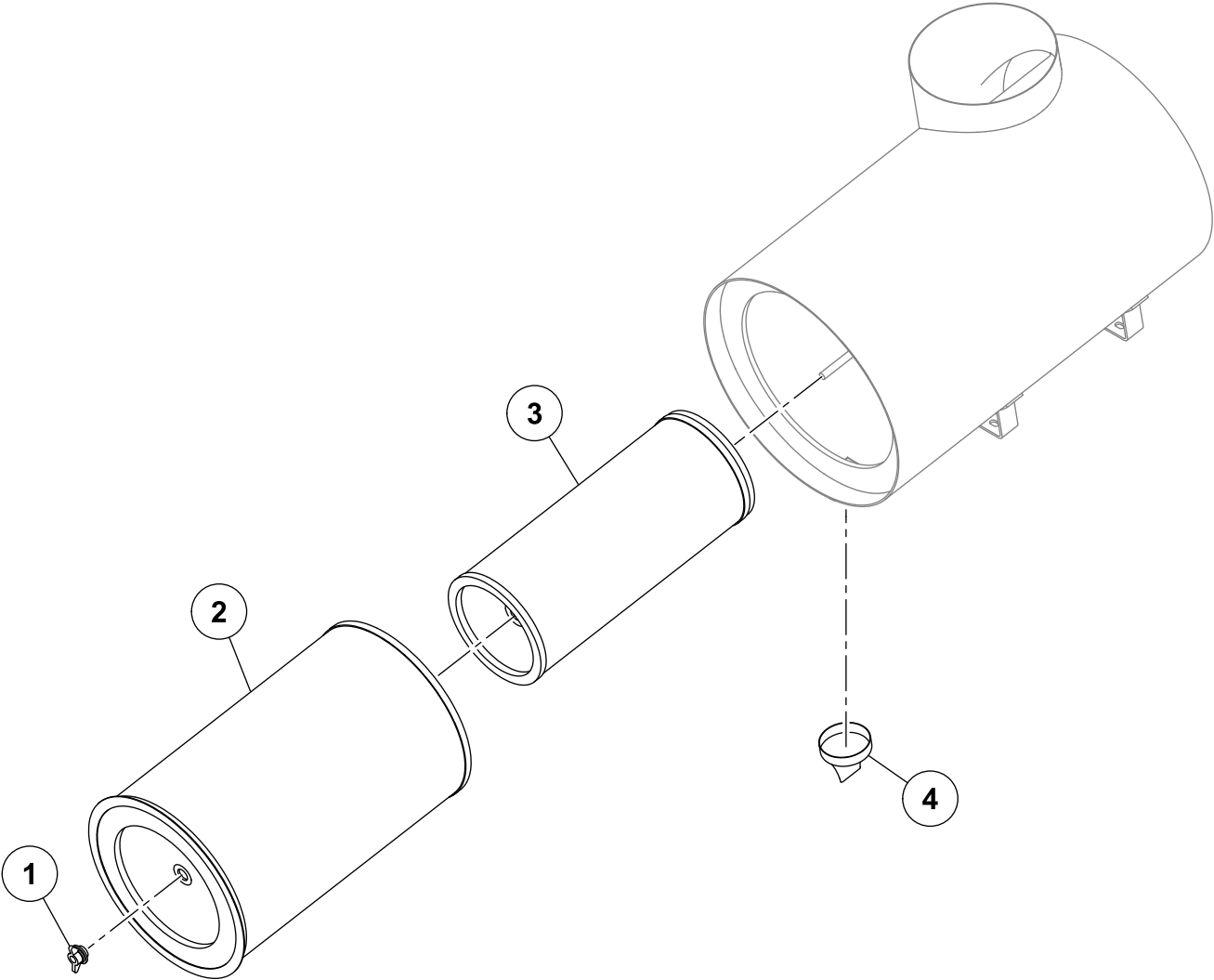
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35325083	Hose, -10 JIC X 34"	1	
2	35286442	Elbow, 90° 3/4" NPT X -8 JIC	2	
3	35287929	Tee, -8 JIC X -8 JIC X -8 JIC	1	
4	35287952	Hose, -8 JIC X 18"	1	
5	46580979	Hose, -10 JIC X 38"	1	
6	35315977	Tee, 3/8" MP X -8 X -8	1	
7	95953956	Bushing, Hex Reducer, 3/4" NPT 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	

Air Intake, Engine

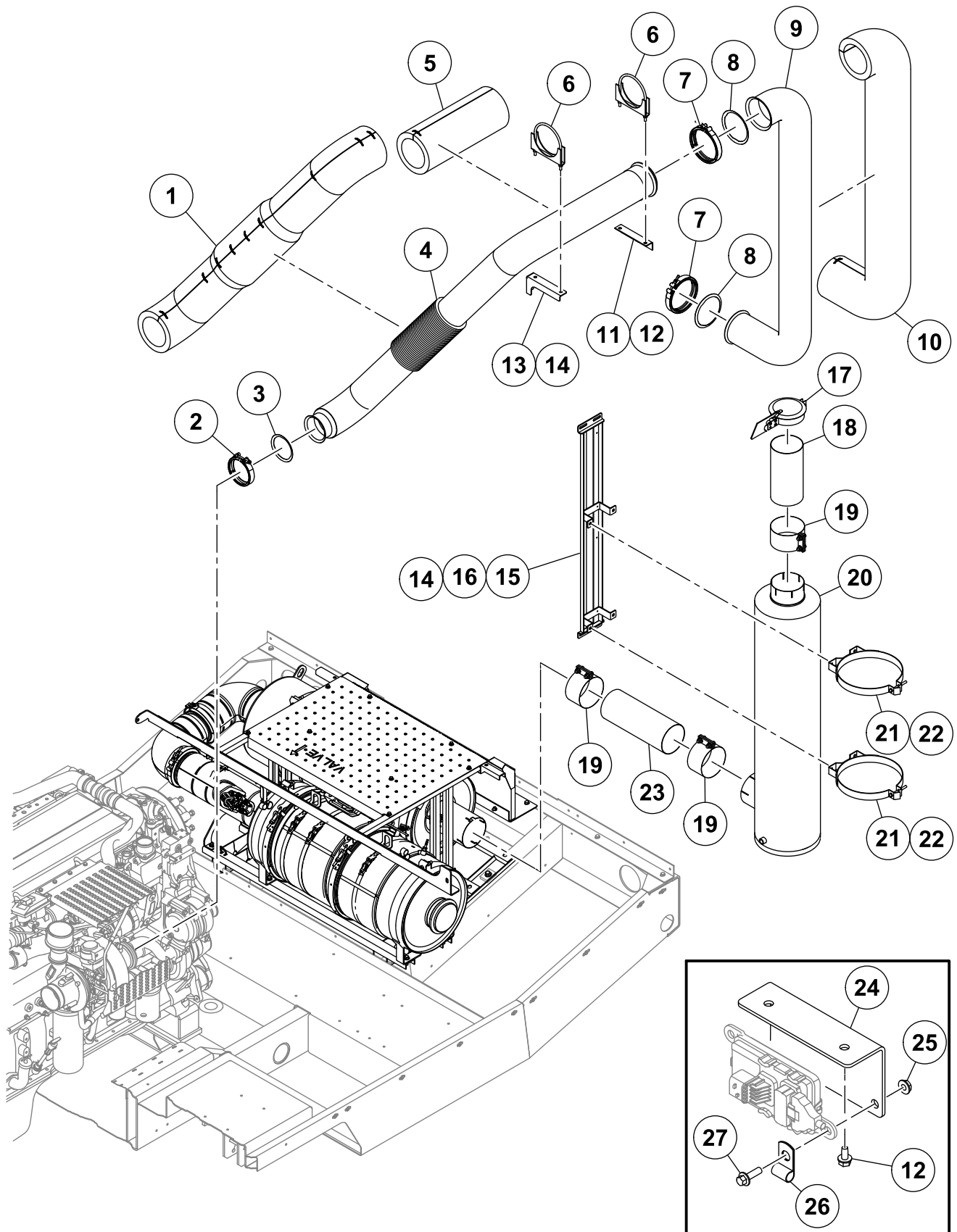


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36864346	Air Cleaner Assembly,	2	
2	36880995	Screw, Hex Head Flange, M10 - 1.5 X 30	12	
3	36879195	Nut, Hex Flange, M10 - 1.5	12	
4	36847838	Switch, Vacuum	2	
5	95935599	Coupling, 1/8" NPT X 3/4"	2	
6	35129071	Clamp, T-Bolt, 8-7/8" Nom. ID	5	
7	46556495	Reducer, 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	46650395SB	Bracket, Pipe Air Intake	1	
16	35279025	Screw, Tapping, M08 - 1.25 X 20	4	
17	35111731	Clamp, Saddle, 6" ID	1	
18	46580700SB	Bracket, Pipe CAC	1	
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	36862886	Elbow, Rubber, 90°, 8" ID	2	
24	35300110	Tube, Connector (Engine Air)	1	

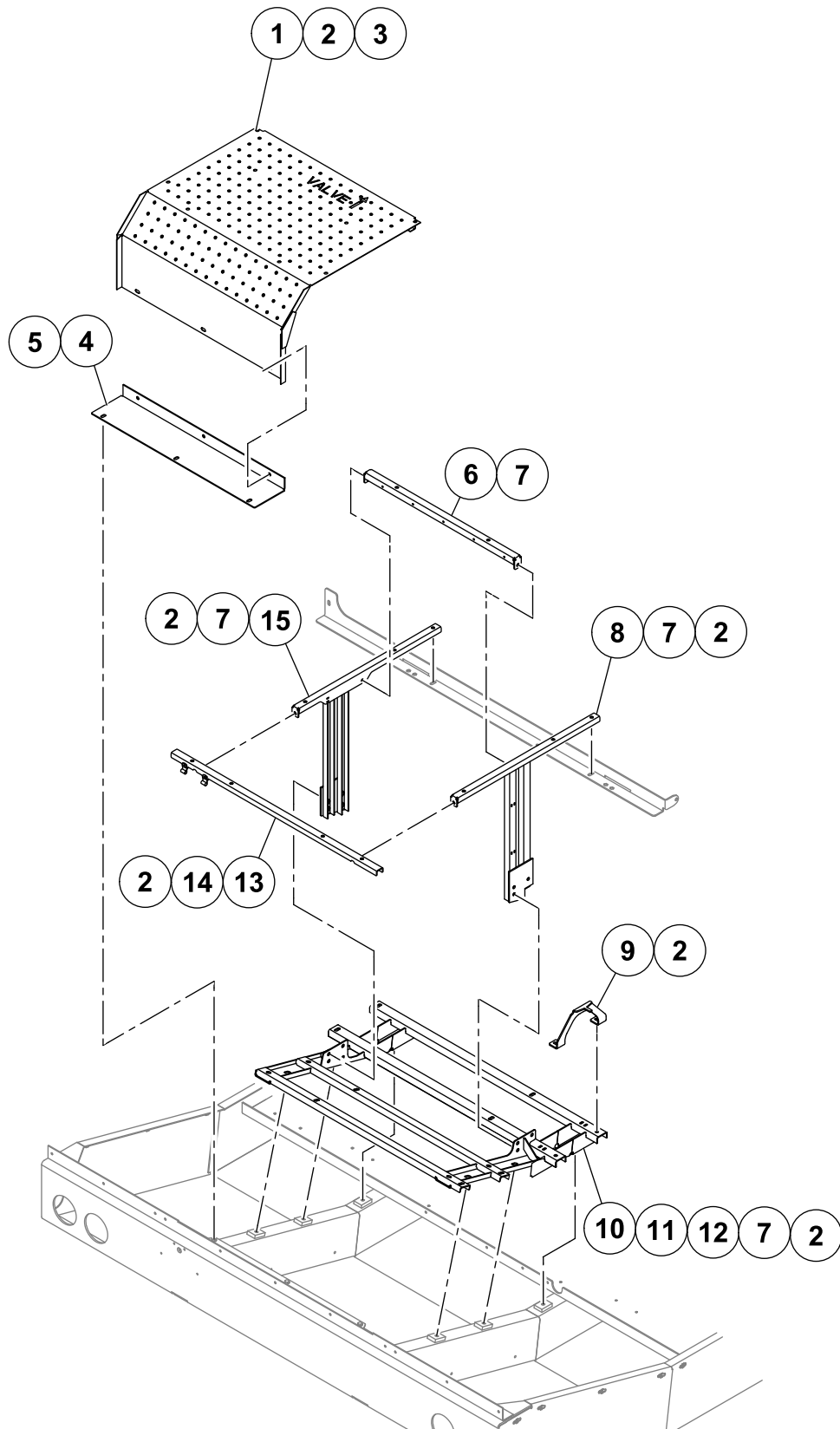
Air Intake, Air Cleaner Assembly



Exhaust System, Muffler And Piping

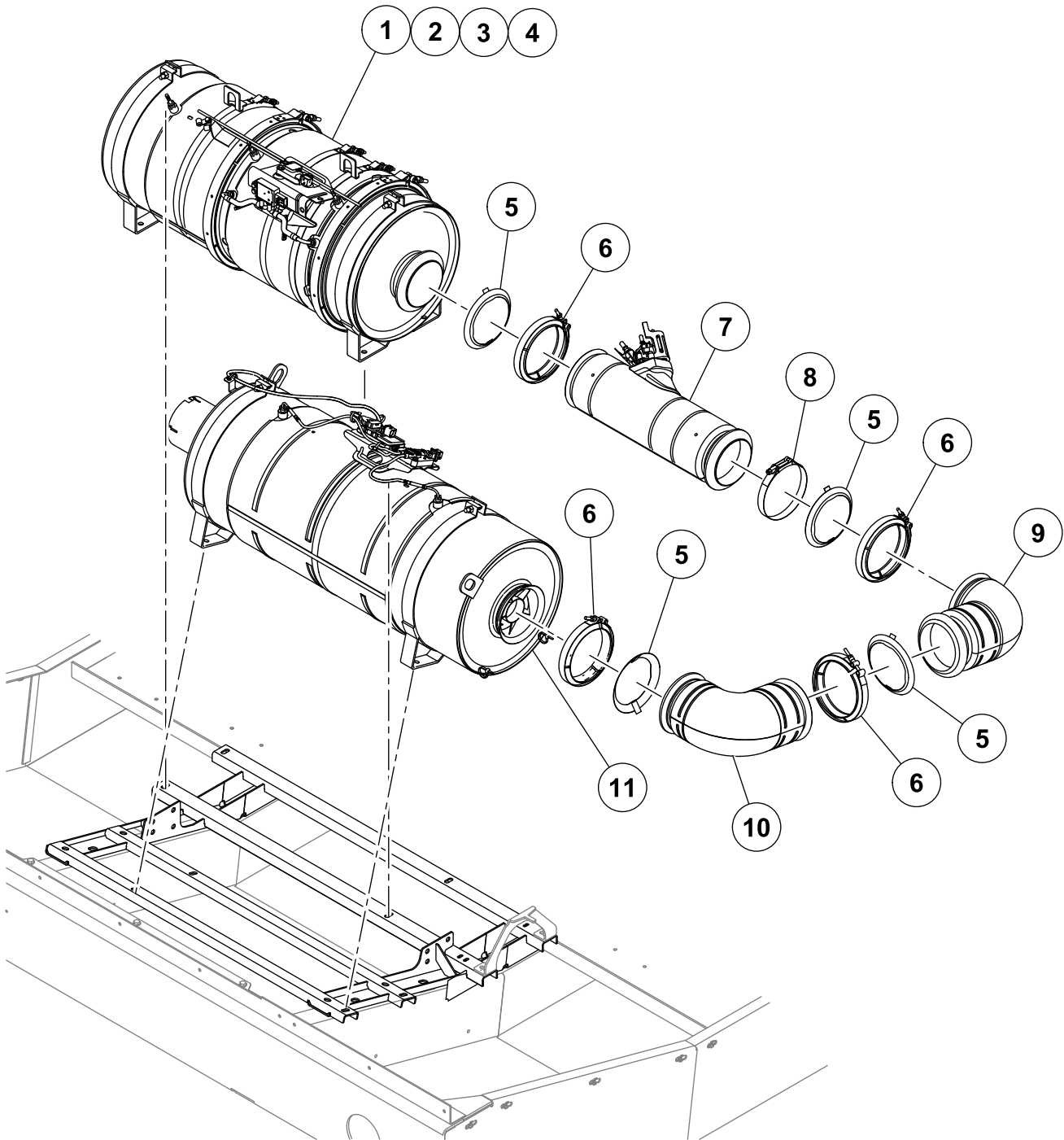


Exhaust System, Aftertreatment Support



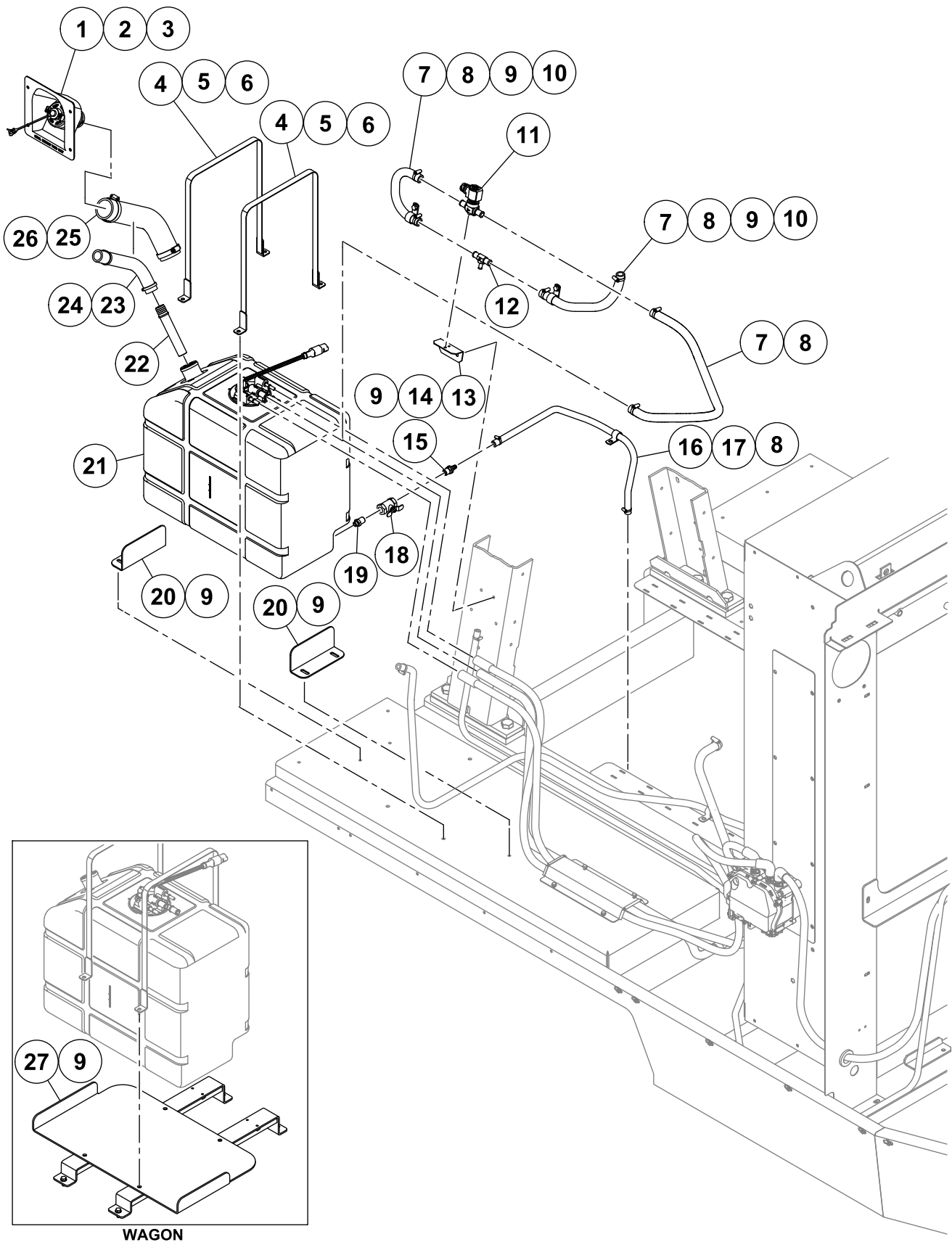
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46649259GA	Step, Rear Exhaust Plenum	1	Tandem Frame Wagon Frame
2	36889608	Screw, Hex, M08 - 1.25 X 25	21	
3	96704408	Screw, Flange, M08 - 1.25 X 20	3	
4	46651130SA	Angle, DPF Guard, HSRG	1	
	46651709SA	Angle, DPF Guard, STRG	1	
5	35279025	Screw, Tapping, M08 - 1.25 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



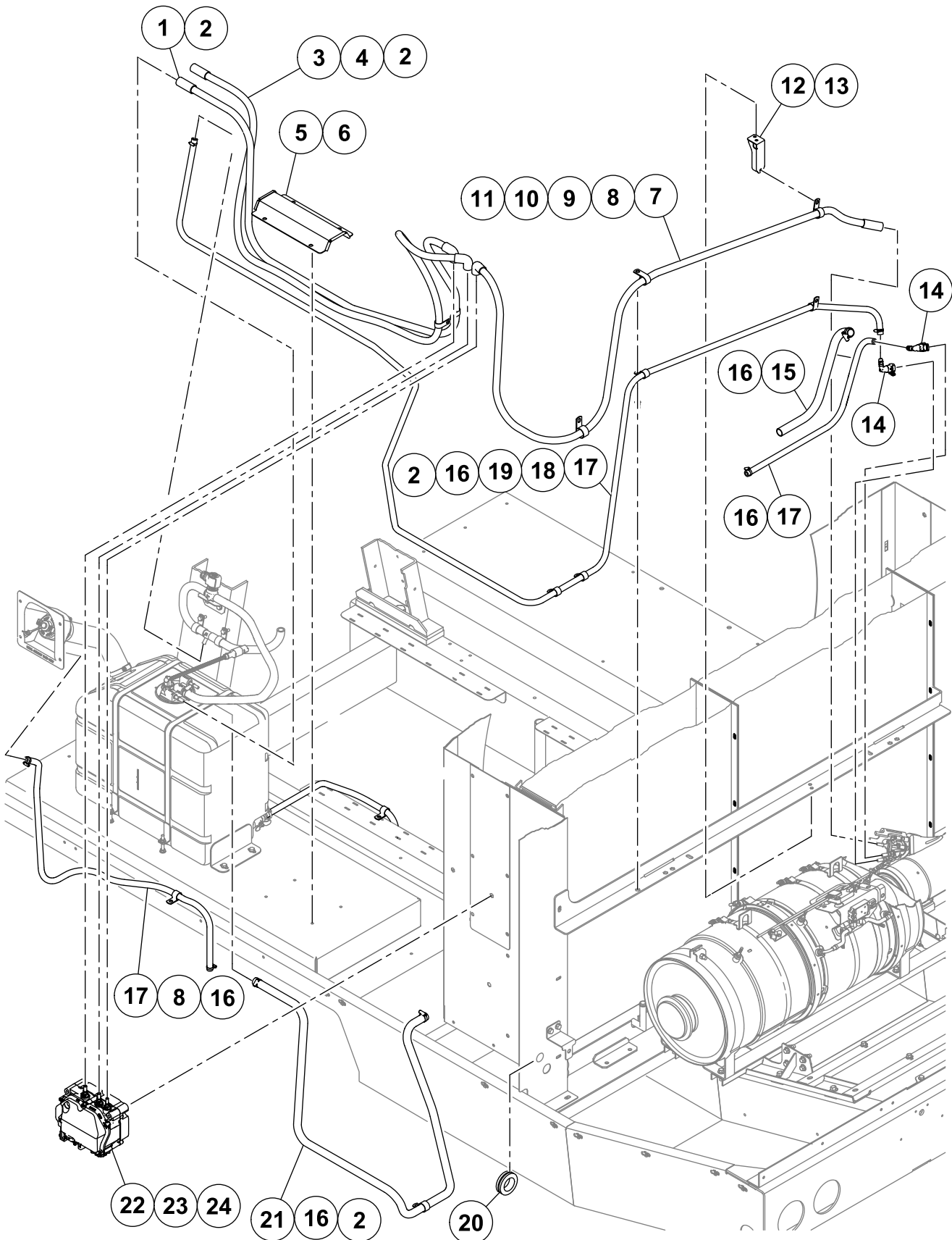
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46645420	Aftertreatment, DPF EI - EO, QSX15, T4F	1	
2	35863638	Clamp, 14"	4	
3	36880995	Screw, Locking, M10 - 1.5 X 30	8	
4	36879195	Nut, Flange, M10 - 1.5	8	
5	46605128	Gasket, Exhaust, Spherical Marmon, 5"	4	
6	46605126	Clamp, Exhaust, Spherical Marmon, 5"	4	
7	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



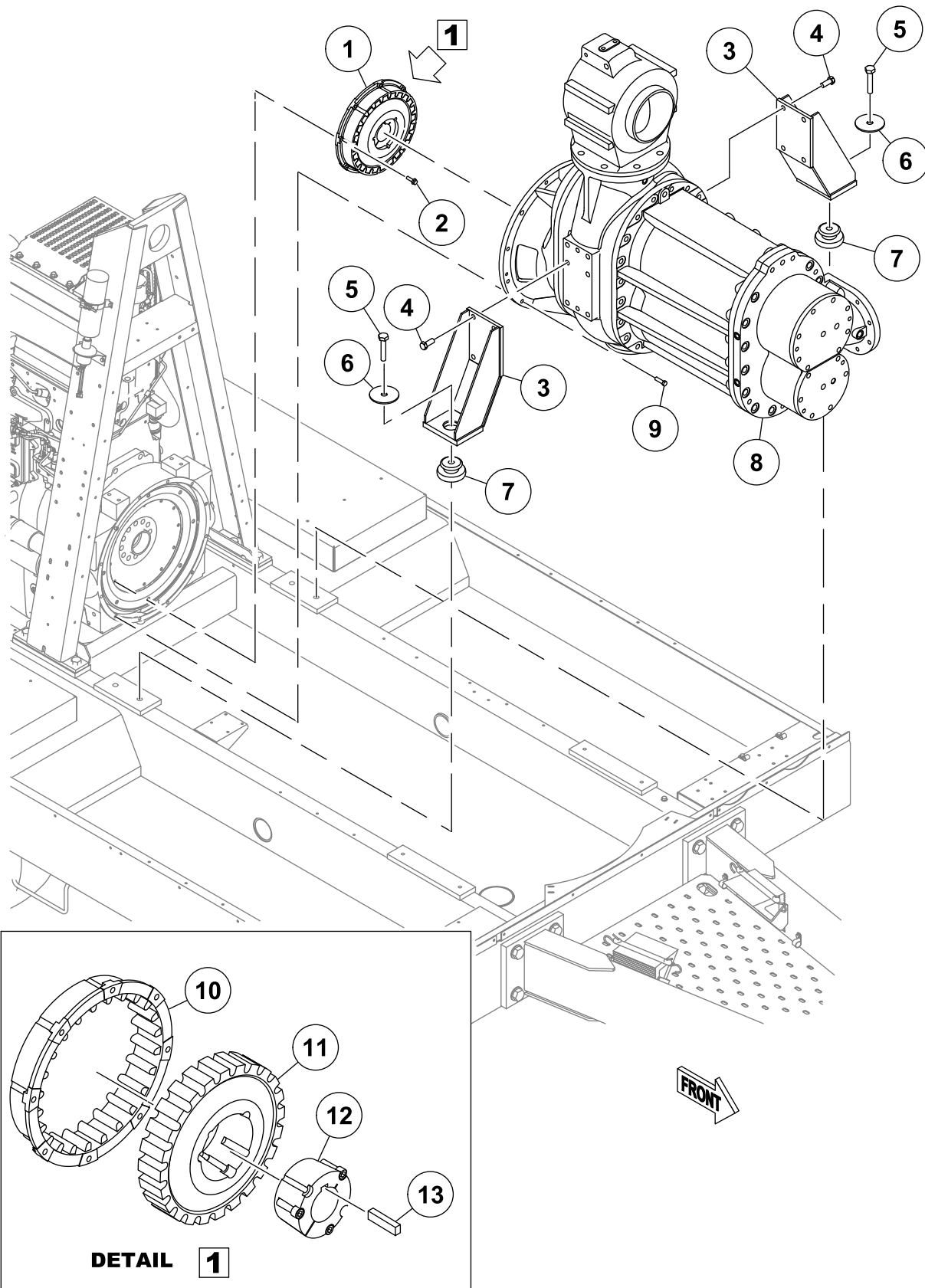
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46651126	Pan, External DEF Fill Spill	1	Measured in Inches
2	46651331	Cap, External DEF Fill	1	
3	36797652	Screw, Tapping, M06 - 1.0 X 12	4	
4	46650882SB	Strap, DEF Tank Mounting	2	
5	36881886	Nut, Flange, M08 - 1.25	8	
6	36786382	Screw, Hex, M08 - 1.25 X 70	4	
7	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	
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	Tandem Frame Only
21	46651125	Tank Assembly, DEF 15 Gallon External Fill	1	
	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	Wagon Frame Only

DEF System, Piping



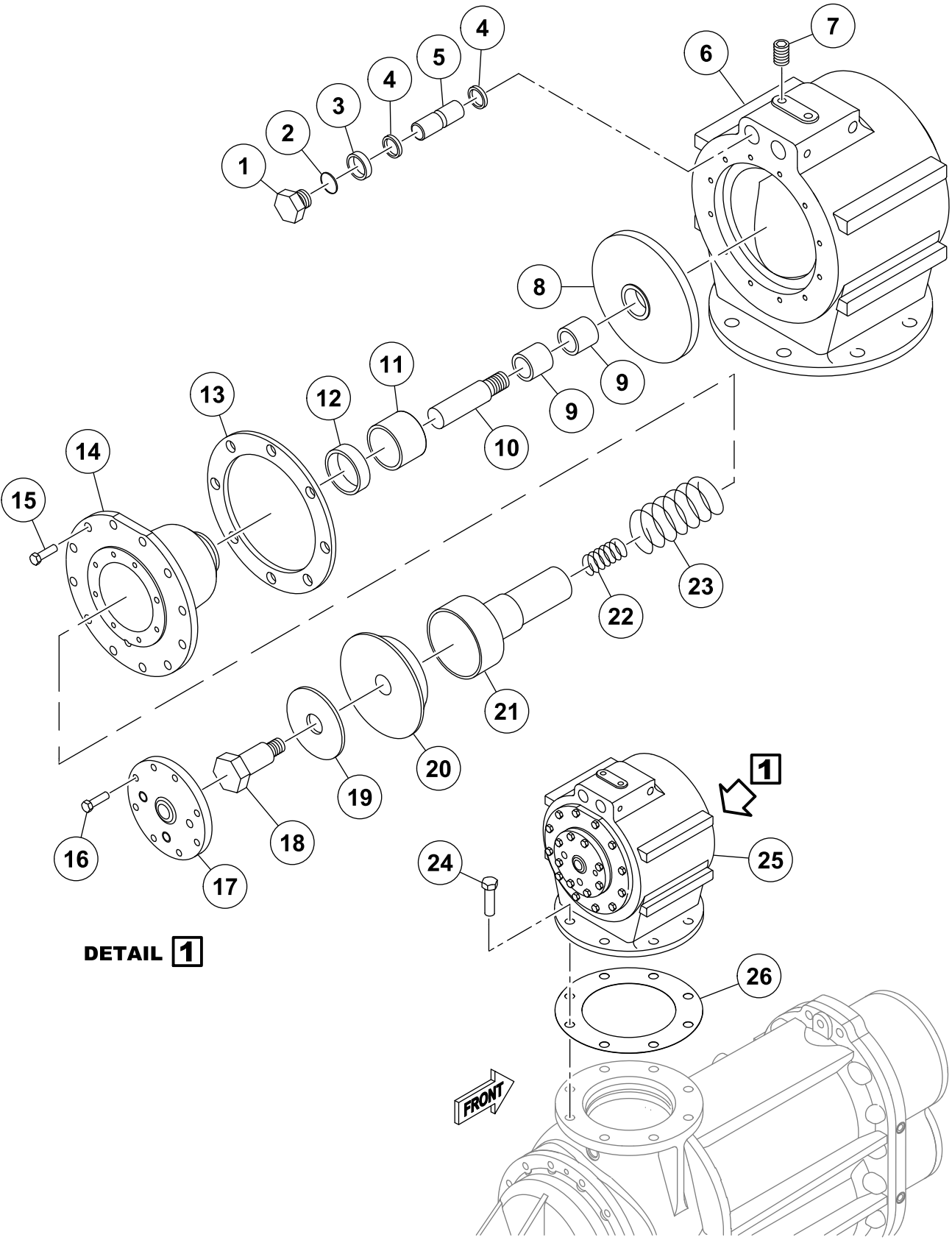
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46651370	Hose Assembly, DEF Suction, Heated, 78 - 3/4" X 90°	1	Tandem Frame Only
2	35114081	Clamp, Rubber Coated, Support, 13/16" ID	5	
3	46651371	Hose Assembly, DEF Return, Heated, 78 - 3/4" X 90°	1	
4	35144336	Screw, Hex, Flange, 5/16" - 18 X 3/4"	1	
5	46651716SB	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, Installation



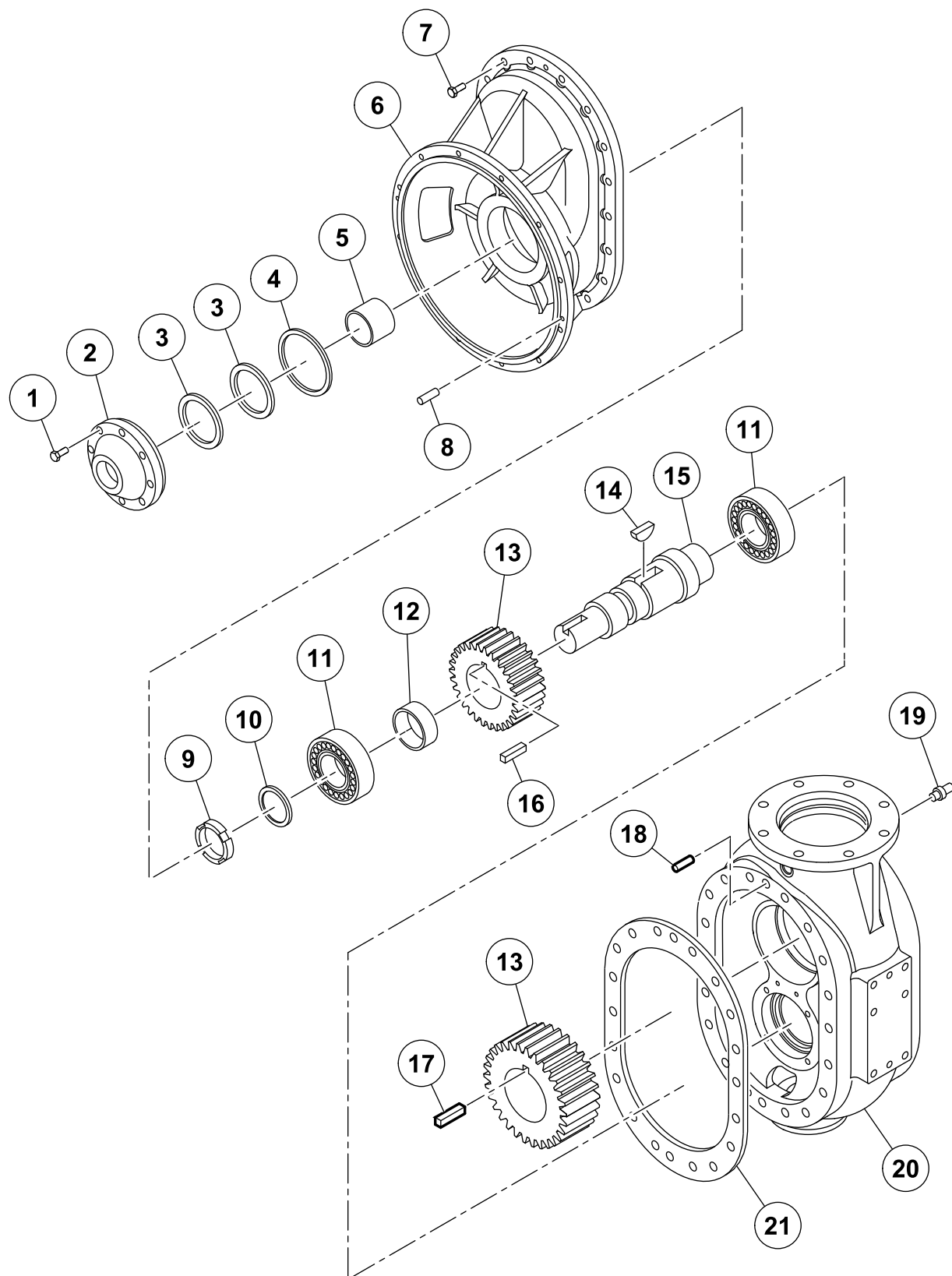
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46589179	Drive Coupling Assembly	1	
2	36881704	Screw, Hex , 3/8" - 16 X 1-1/4"	8	
3	54542535SA	Bracket, Airend Support	2	
4	35375385	Screw, Hex M16 - 2 X 40,	8	
5	96700919	Screw, Hex, M20 - 2.5 X 90	2	
6	35273937	Washer, Snubber	2	
7	35584556	Mount, Center Bond	2	
8	35092014	Airend	1	
9	95934626	Screw, Hex, 7/16" - 14 X 1-1/2"	12	
10	46554944	Drive, Ring	1	
11	46578019	Element, Drive Coupling	1	
12	46554947	Bushing, Drive Coupling	1	
13	35367069	Key, Bushing	1	

Airend, Unloader



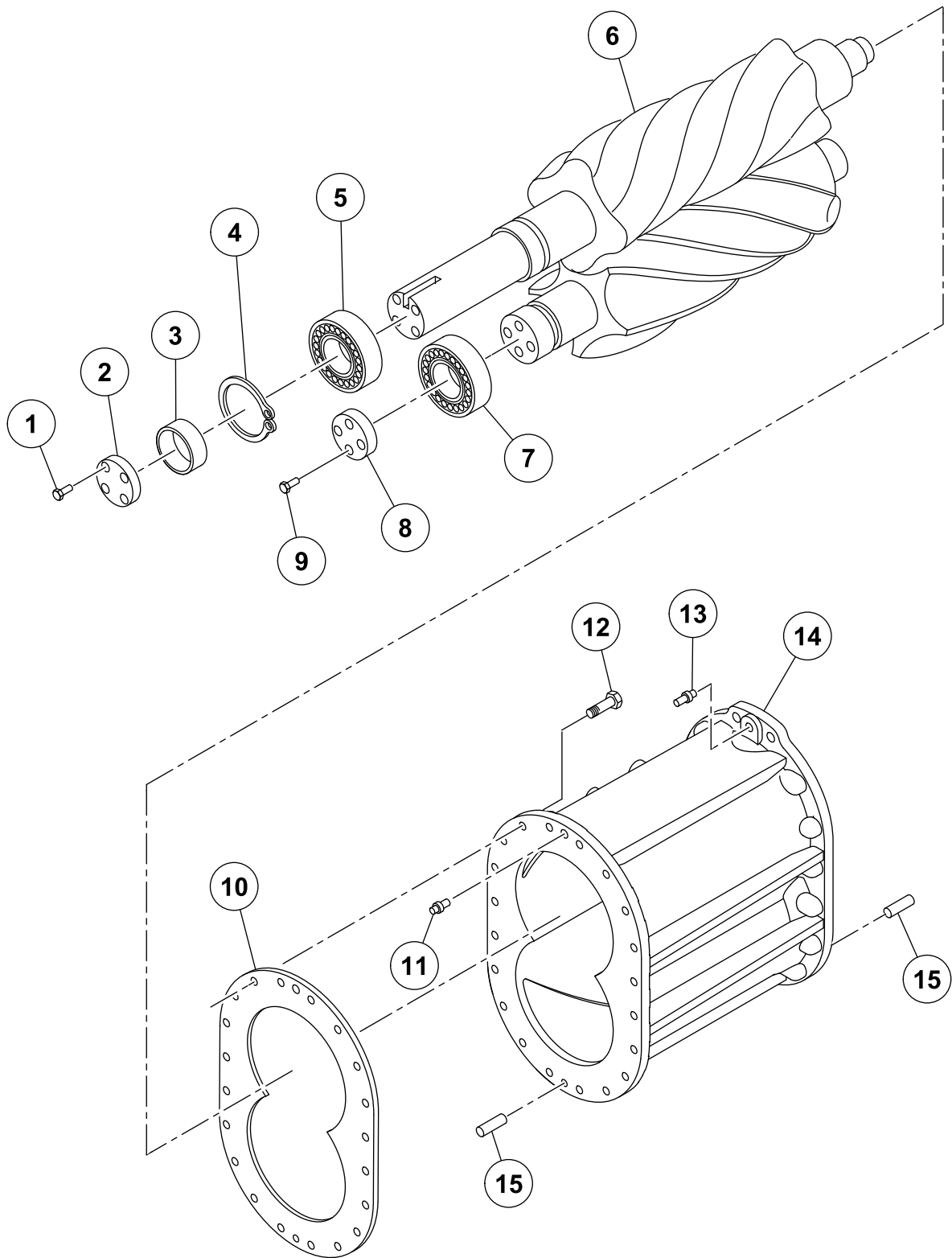
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	95928222	Plug	2	
2	39102355	O-Ring	2	
3	35332626	Spacer	2	
4	35331586	Grommet	4	
5	36897148	Valve, Anti - Rumble	2	
6	36729416	Body, Unloader	1	
7	95928222	Plug	1	
8	35594860	Valve, Unloader	1	
9	35332659	Bushing	2	
10	35332675	Stem, Valve	1	
11	35332634	Bushing, Housing	1	
12	35332642	Seal	1	
13	35594845	Gasket	1	
14	36729465	Housing, Piston	1	
15	96702287	Screw, Hex, M10 - 1.50 X 25	12	
16	96702659	Screw, Hex, M08 - 1.25 X 25	8	
17	35594811	Cover, Piston	1	
18	95104147	Screw, Hex, 1/2" - 13 X 1"	1	
19	35332618	Washer, Piston	1	
20	35594837	Diaphragm	1	
21	35594829	Piston	1	
22	35594910	Spring, Valve	1	
23	35594878	Spring, Piston	1	
24	95934626	Screw, Hex, M20 - 2.5 X 50	8	
25	36729531	Unloader Assembly	1	
26	36754059	Gasket, Unloader	1	

Airend Gear Case



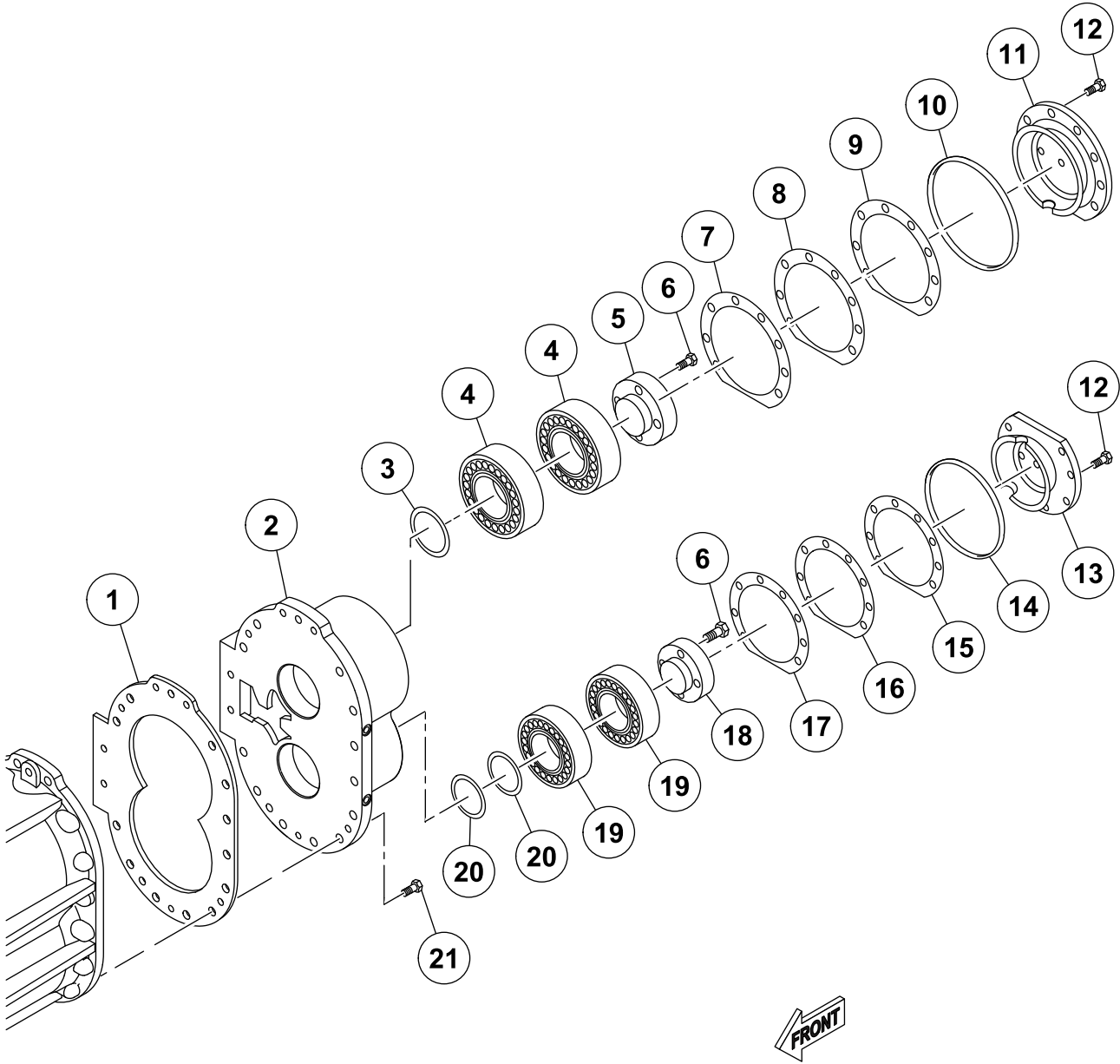
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	96706080	Screw, Hex, M12 - 1.75 X 40	8	
2	35849348	Cover	1	
3	39927512	Shim, 1.016 mm	1	
	39927520	Shim, 0.508 mm	1	
	39927538	Shim, 0.254 mm	1	
	39927546	Shim, 0.051 mm	6	
4	95358214	O-Ring	1	
5	35596626	Seal	1	
6	36711083	Gear Case	1	
7	96706262	Screw, Hex, M16 - 2.0 X 45	18	
8	35365261	Pin	1	
9	35299775	Locknut	1	
10	35300227	Spacer	1	
11	35605203	Bearing	2	
12	35300227	Spacer	1	
13	36758142	Gear Set	1	
14	35367069	Key	1	
15	35851195	Shaft	1	
16	35300136	Key	1	
17	35300144	Key	1	
18	35295336	Dowel	1	
19	35365279	Pin	2	
20	36754141	Housing, Front Bearing	1	
21	35820646	Gasket	1	

Airend, Rotor Housing



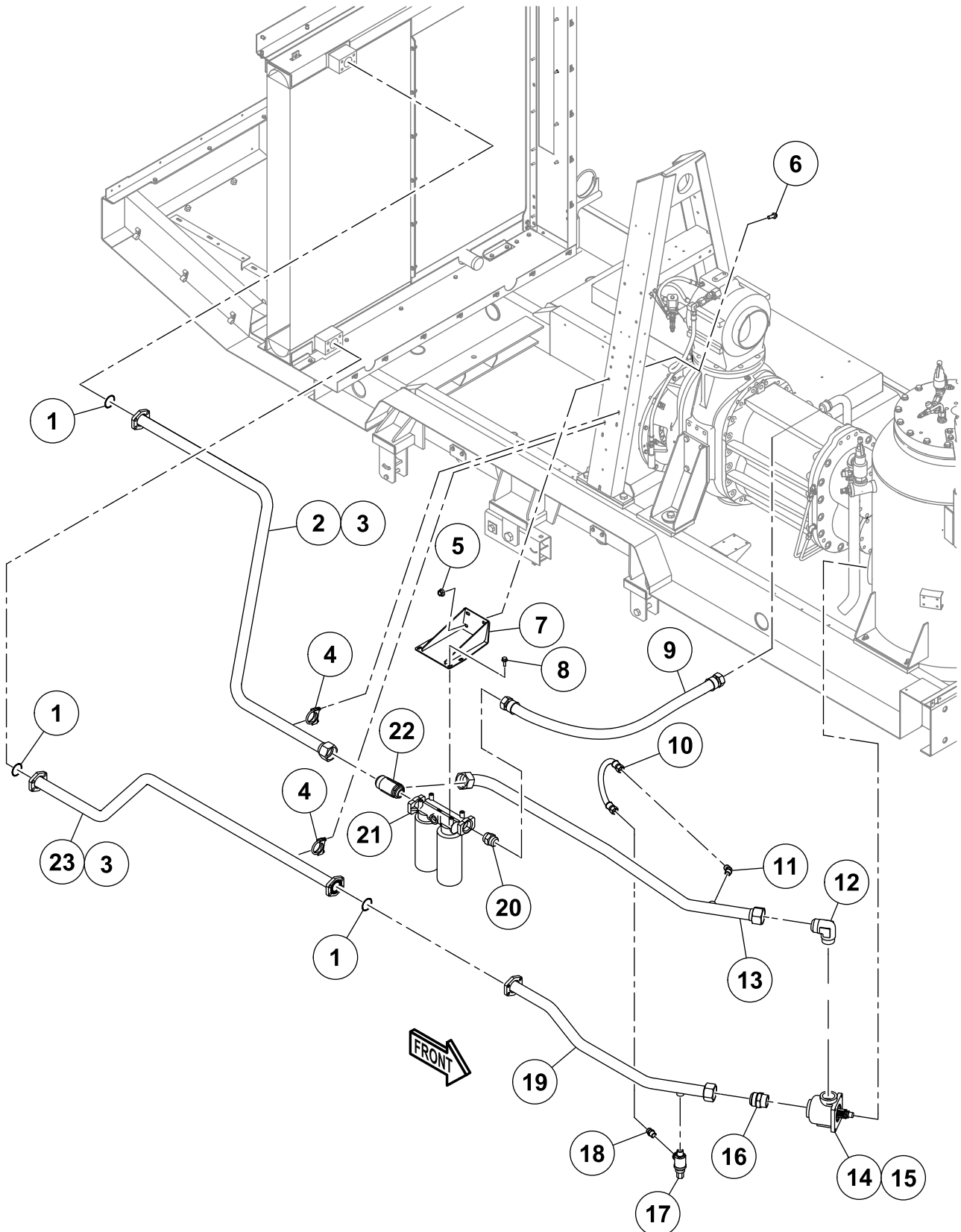
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35299569	Screw, Hex, M12 X 40	4	
2	35300177	Plate, Clamp	1	
3	35610286	Spacer	1	
4	95285599	Retaining Ring	1	
5	35610591	Bearing	1	
6	42469676	Rotor Set	1	
7	39926787	Bearing	1	
8	35373877	Plate, Clamp	1	
9	35293869	Screw, Hex, M10 X 30	4	
10	35820653	Gasket	1	
11	35365279	Pin	2	
12	96706262	Screw, Hex, M16 - 2.0 X 45	18	
13	35365279	Dowel	1	
14	54363536	Housing, Rotor	1	
15	35295336	Dowel	1	

Airend, Rear Bearings And Caps



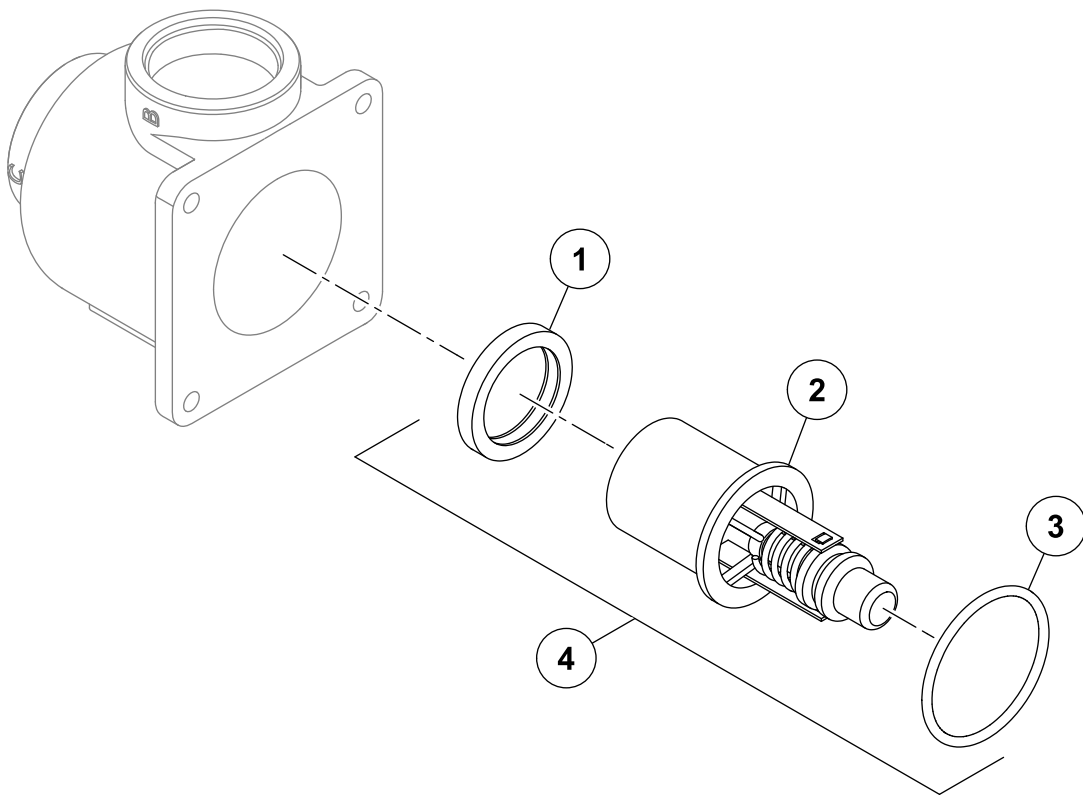
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35820661	Gasket,	1	
2	36856060	Housing, Rear Bearing	1	
3	39927496	Shim	2	
4	35299403	Bearing	2	
5	35610278	Plate, Clamp	1	
6	35299569	Screw, Hex, M12 - 1.75 X 40	8	
7	39927058	Shim, (0 .051 mm)	3	
8	95358446	Shim, (0.076 mm)	3	
9	35321520	Shim, (0.254 mm)	3	
10	95352944	O-Ring	1	
11	36504330	Cap	1	
12	96716162	Screw, Hex, GR8.8 M16 - 2.0 X 40	8	
13	36504355	Cap	1	
14	95603130	O-Ring	1	
15	39926928	Shim, (0 .051 mm)	3	
16	39926928	Shim, (0.076 mm)	3	
17	39926928	Shim, (0.254 mm)	3	
18	35606920	Plate, Clamp	1	
19	35299429	Bearing	2	
20	39927504	Shim, (0.051 mm)	5	
21	35299767	Screw, Hex, M20 - 2.5 X 06	12	

Oil Piping, Installation

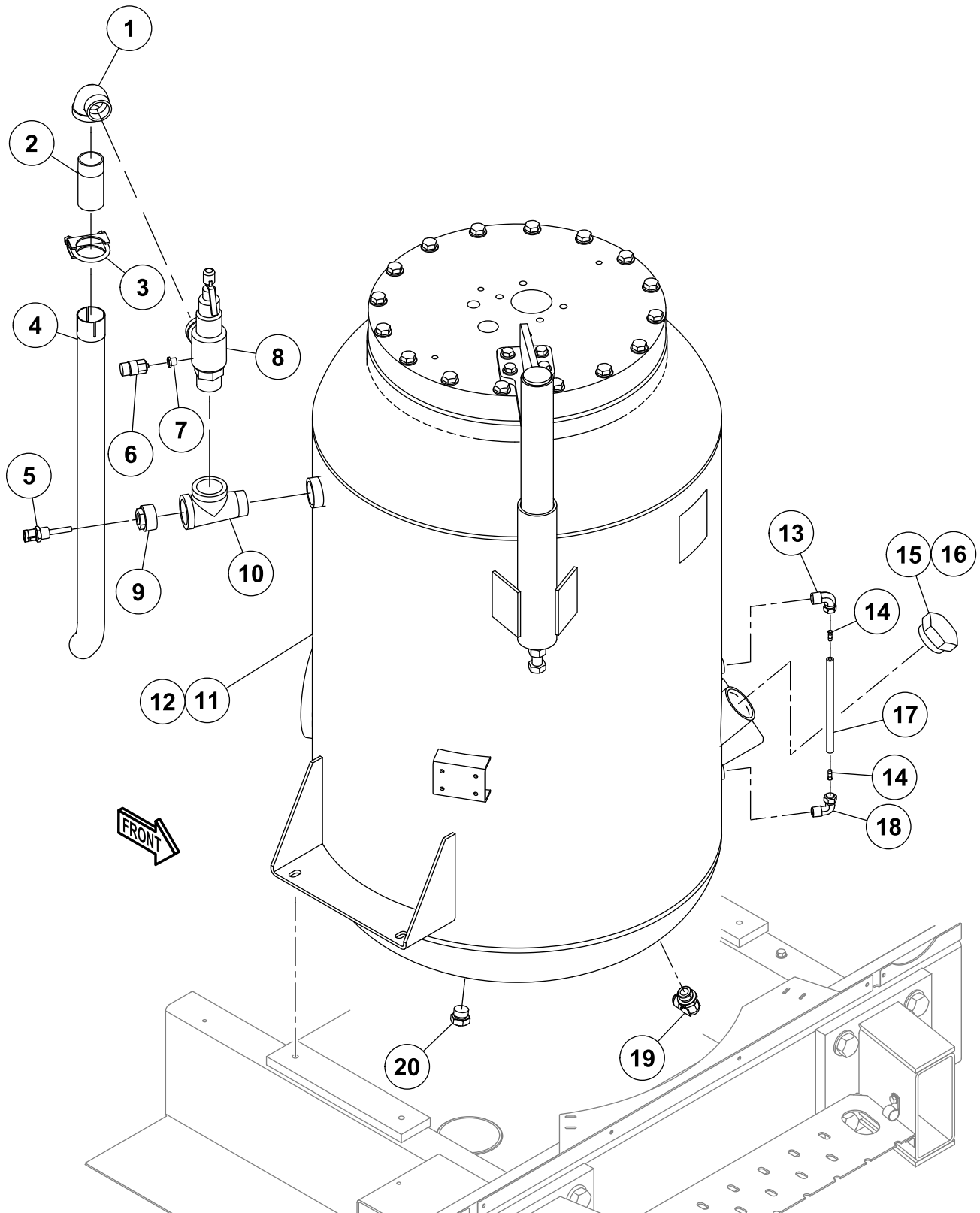


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	95357976	O-Ring, 2.25" ID X 0.125"	3	
2	46557160	Tube, Oil Cooler Outlet To Filter	1	
3	95920708	Screw, Hex, 1/2" - 13 X 1-1/2"	12	
4	35192178	Clamp, Saddle, 2"	2	
5	36879195	Nut, Hex Flange, M10 - 1.5	4	
6	36880995	Screw, Hex Flange, M10 - 1.5 X 30	4	
7	54625173SB	Bracket, Oil Filter	1	
8	35144344	Screw, Hex Flange, 3/8" - 16 X 1"	4	
9	35142116	Hose, -24 JIC X 47"	1	
10	35287721	Hose, -12 JIC X 17"	1	
11	95279105	Elbow, 45° Tube 3/4" NPT X -12 JIC	1	
12	39140512	Elbow, 90° Tube -32 JIC X 2-1/2" -12 w/ O-Ring	1	
13	46652063	Tube, Oil Bypass	1	
14	46652059	Valve, Oil Temperature Bypass	1	
15	96701917	Screw, Hex, M10 - 1.5 X 30	4	
16	95371241	Connector, Male, 2-1/2" -12	1	
17	35260439	Valve, Relief	1	
18	95219747	Connector, 3/4" NPT X -12 JIC	1	
19	46652062	Tube, Oil Manifold Oil Cooler	1	
20	35296409	Connector, 1-7/8" - 12 X -24 JIC	1	
21	39871306	Head, Dual Filter	1	
22	36756906	Tee, Street, 1-7/8" - 12 X -32 JIC	1	
23	46557159	Tube, Oil Cooler	1	
	36897346	Element, Oil Filter	2	

Oil Piping, Bypass Temperature Valve

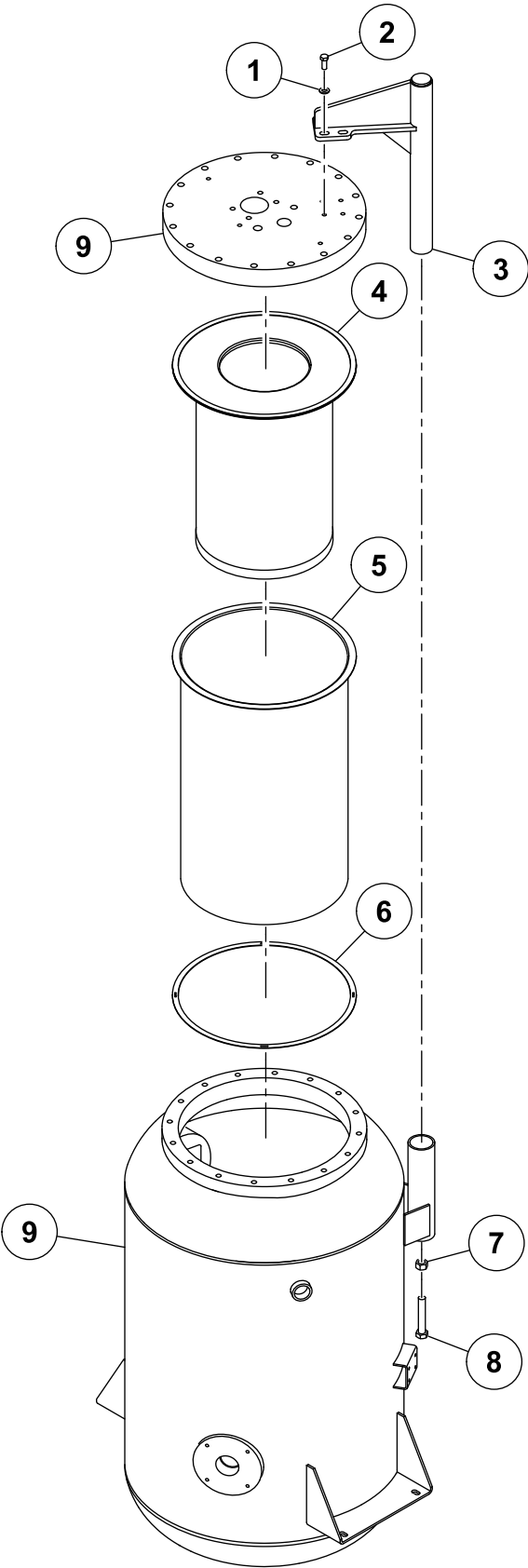


Separator Tank Installation



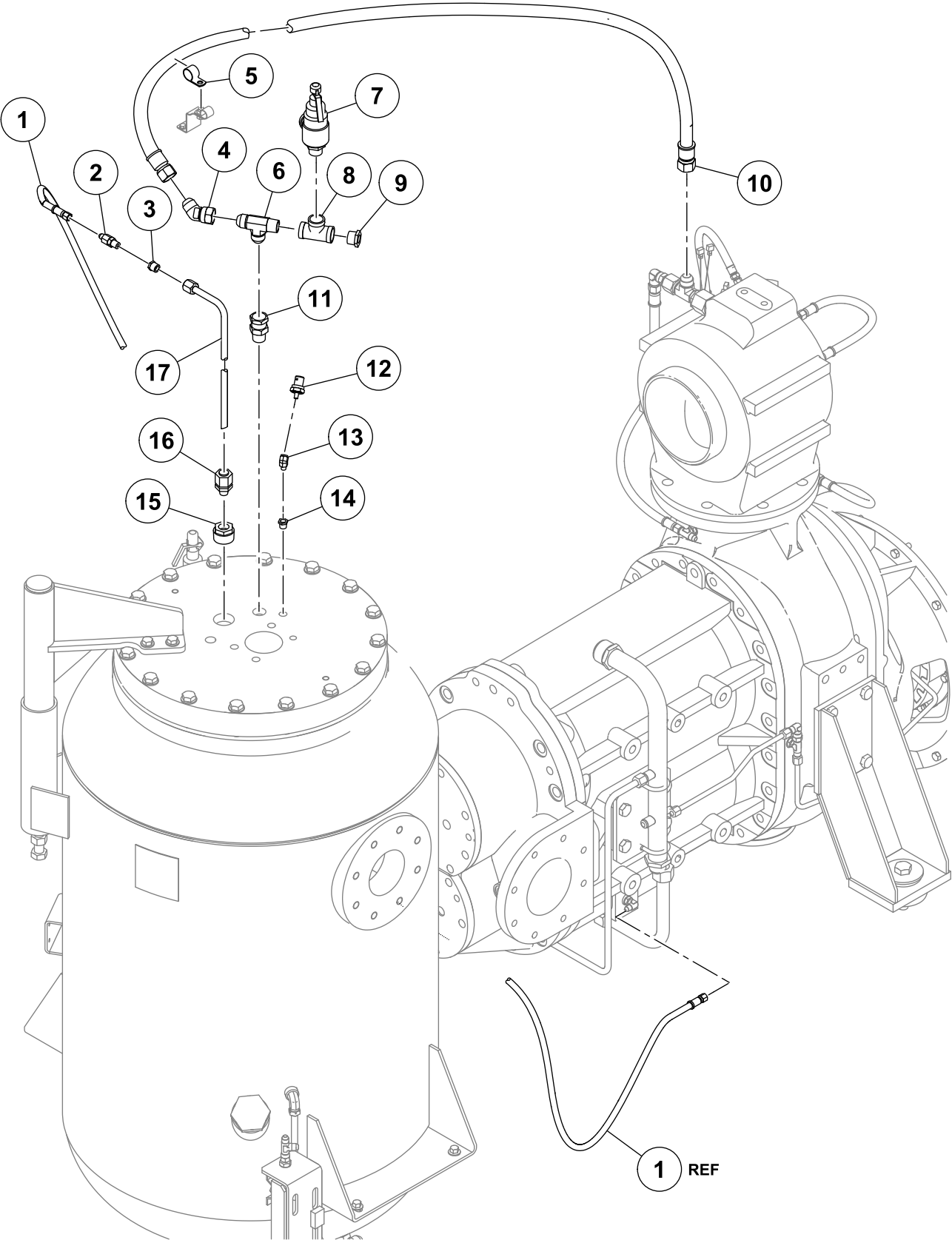
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	95953311	Elbow, 90° Reducer 1-1/4" NPT X 1-1/2" NPT	1	Not Shown
2	36764389	Nipple, Pipe 1-1/2" NPT	1	
3	35192178	Clamp, Muffler 2" ID	1	
4	54744149	Pipe, Discharge Safety Valve	1	
5	23294838	Sensor, Temperature 1/2" NPT	1	
6	46568519	Switch, Pressure 12 PSI	1	
7	95930301	Bushing, Reducer 1/4" NPT X 1/8" NPT	1	
8	36764371	Valve, Safety, 1-1/2" NPT 200 PSI	1	
	22204606	Valve, Safety, 1-1/2" NPT 200 PSI, PED	1	
9	95942108	Bushing, Reducer, 1-1/2" NPT X 1/2" FNPT	1	
10	95954285	Tee, Street, 1-1/2" NPT	1	
11	46555809	Separator Tank Assembly, HP, ASME, CRN, AS1210, CE Cert	1	
	46577179	Separator Tank Assembly, HP, CE, ASME, CRN Cert	1	
12	36879492	Screw, Hex Flange, M12 - 1.75 X 25	4	
13	22685481	Elbow, Compression	1	
14	22685507	Insert, Tube 1/4" OD X 3/4"	2	
15	35802933	Plug, Oil Filler	1	
16	35277797	O-Ring, 2-11/32" ID	1	
17	22685531	Tube, Sight	1	
18	22685499	Elbow, Compression	1	
19	35294750	Elbow, 90° 1-1/16" - 12 X -12 JIC W/O-Ring	1	
20	95280541	Plug, Hex, 1-1/16" - 12	1	
	46653162	Harness, Separator Tank	1	

Separator Tank Assembly



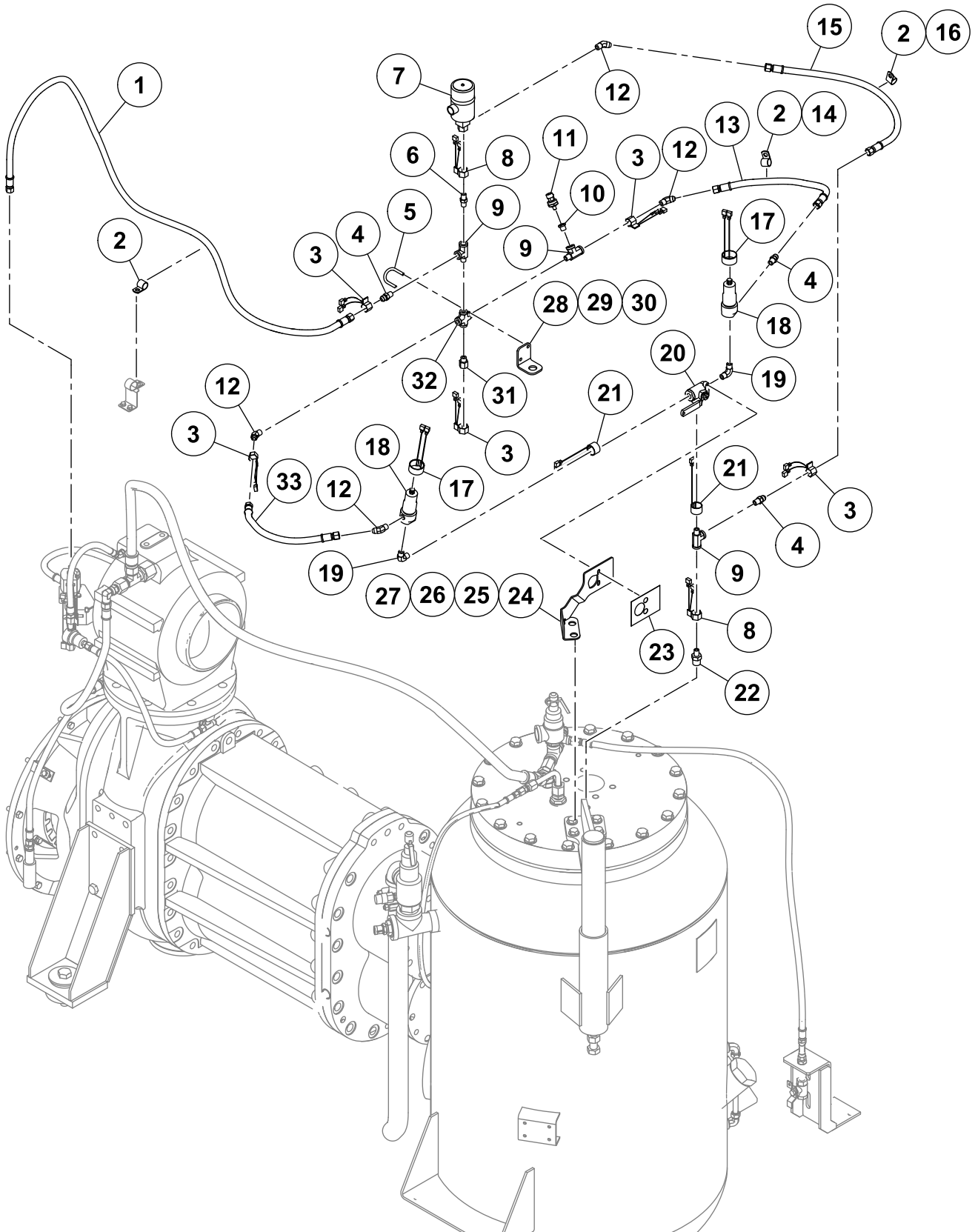
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	95935003	Washer, Flat, 1/2" ID	4	
2	95053047	Screw, Hex, 1/2" - 13 X 1-1/4"	4	
3	46620563SA	Arm, Tank Cover Davit	1	
4	22402317	Element, Separator	1	
5	36754414	Shield, Separator Tank Inner	1	
6	35610617	Gasket, Inner Shield	1	
7	95922928	Nut, Hex, 3/4" - 10	1	
8	96951488	Screw, Hex, 3/4" - 10 X 4-1/2"	1	
9	46555798SA	Tank, Separator, HP ASME, CRN AS1210 Cert	1	
	46577180SA	Tank, Separator, HP CE, ASME, CRN Cert	1	

Separator Tank, Piping



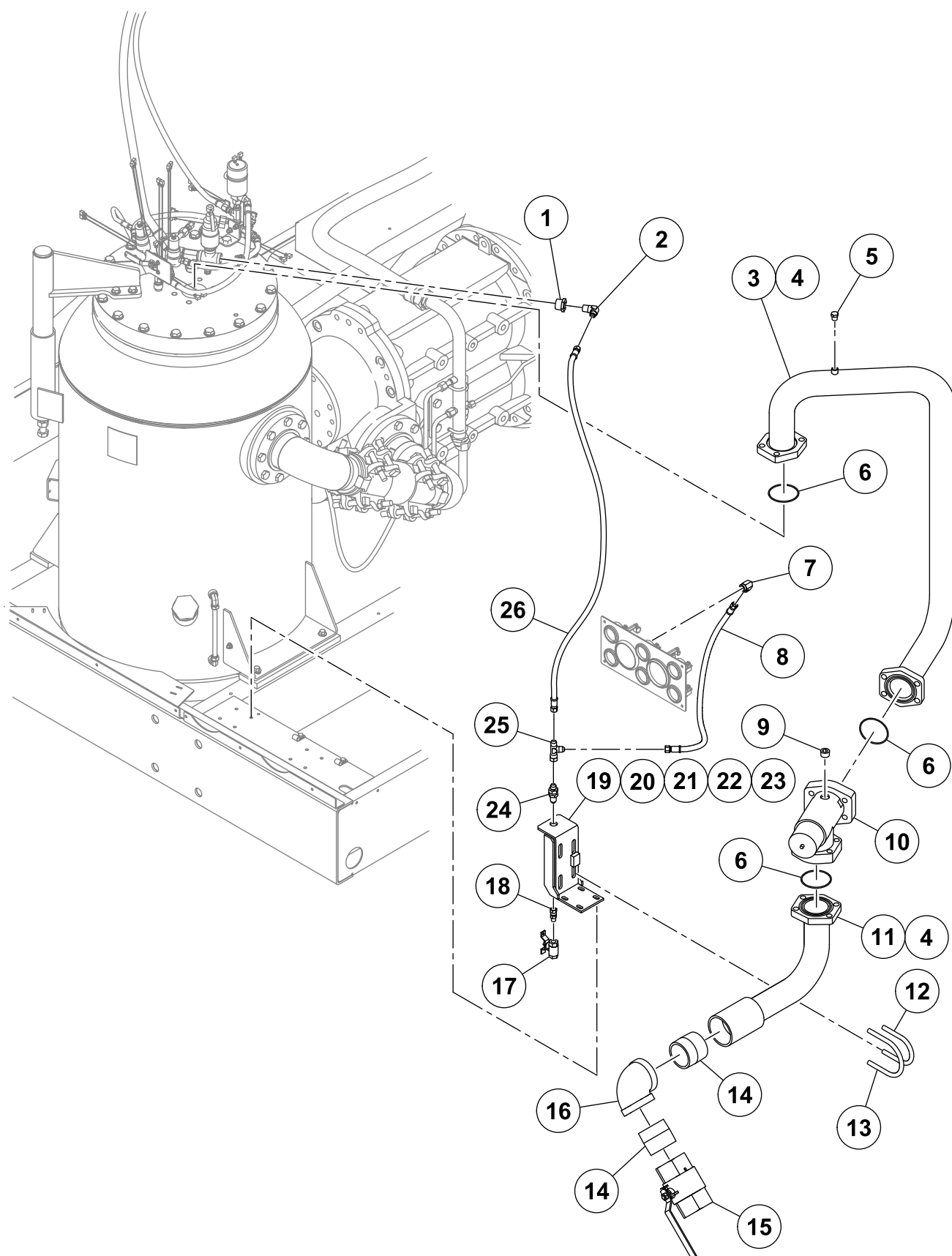
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35310226	Hose, -4 JIC X 74"	1	
2	36840411	Valve, Hex Check 1/4" NPT	1	
3	95940748	Bushing, Reducer 3/8" NPT X 1/4" NPT	1	
4	35323922	Elbow, 45° -12 JIC X -12 JIC Female	1	
5	35225085	Clamp, Support 15/16" ID Rubber Coated	1	
6	35330117	Tee, 3/4" NPT X -12 JIC Male Run	1	
7	22061394	Valve, Safety 190 PSI	1	
	22204598	Valve, Safety 190 PSI, PED	1	
8	95954210	Tee, 3/4" NPT	1	
9	95953956	Bushing, Reducer 3/4" NPT X 3/8" NPT	1	
10	35323898	Hose, -12 JIC X 88"	1	
11	36863702	Adapter, Swivel, 3/4" NPTF X 1-1/16" - 12	1	
12	54496773	Transducer, Pressure, 0 - 225 PSI	1	
13	22817811	Elbow, 45° 1/8" NPT	1	
14	46547857	Bushing, Reducer, 1/4" NPT X 1/8" FNPT	1	
15	95940912	Bushing, Reducer 1-1/4" NPT X 1/2" NPT	1	
16	35610674	Fitting, Scavenge Tube	1	
17	36794303	Tube, Scavenge	1	

Separator Tank Regulation



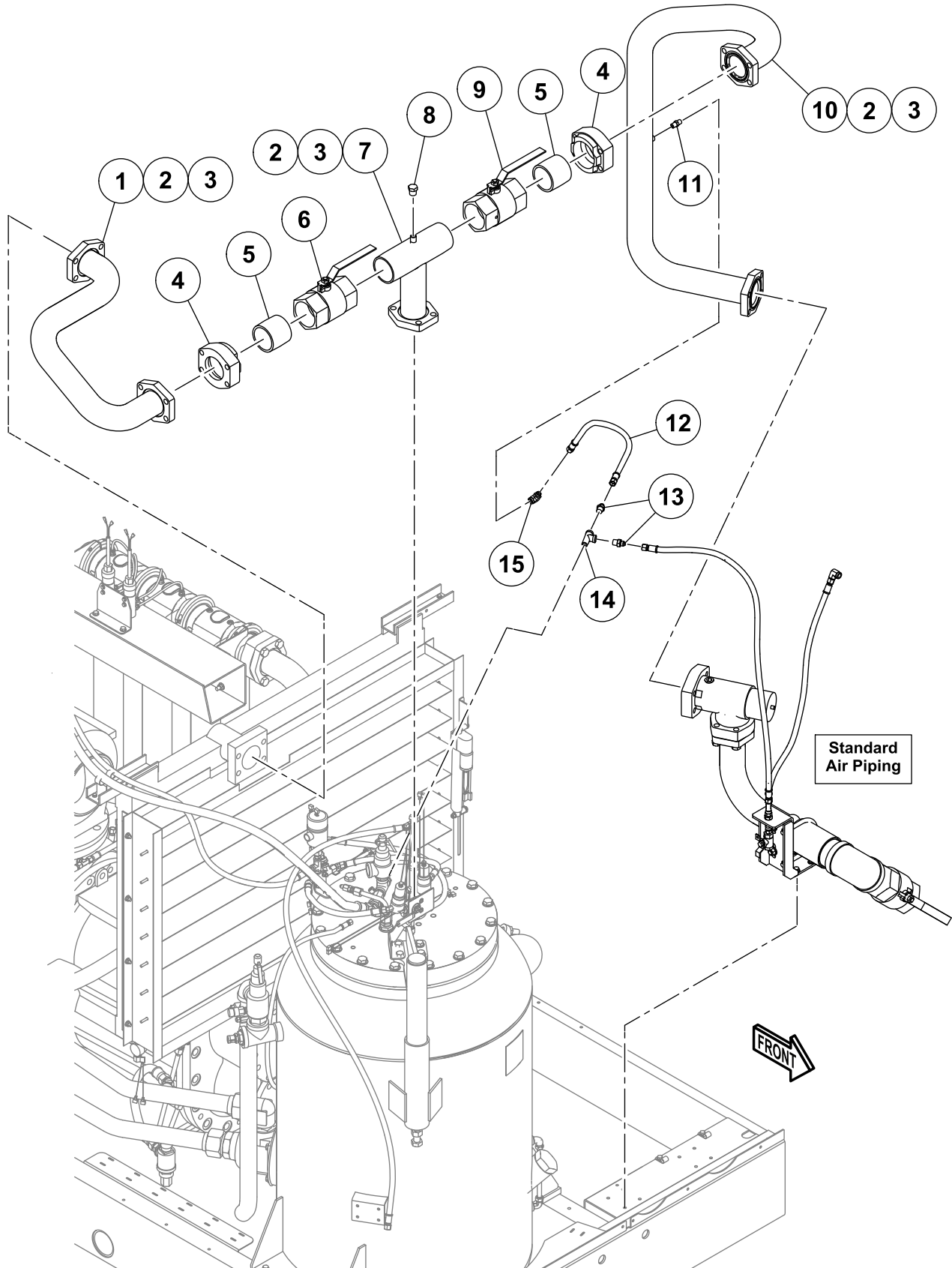
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46636459	Hose, -6 JIC X 94"	1	
2	35225077	Clamp, Support 11/16" ID Rubber Coated,	2	
3	36841526	Heater, 3/4" Hex 24 VDC,	4	
4	46547956	Connector, 1/4" NPT X 3/8" Tube,	3	
5	35166404	U-Bolt, 1/4" - 20 X 1-1/4" ID,	1	
6	46547816	Nipple, Hex, 1/4" NPT SST	1	
7	46655272	Valve, Solenoid, 24V 1/4" NPT	1	
8	46499687	Heater, Hex, 7/8" 24VDC	2	
9	46547840	Tee, 1/4" Male Run NPT	3	
10	46547857	Bushing, Reducer, 1/4" NPT X 1/8" FNPT	1	
11	36920825	Transducer, Pressure 0 - 100 PSI	1	
12	46548020	Elbow, 45° 1/4" NPT X -6 JIC	4	
13	46655266	Hose, -6 JIC X 18"	1	
14	36881886	Nut, Hex M08 - 1.25,	1	
15	46652322	Hose, -6 JIC X 22"	1	
16	96727193	Screw, Hex Flange, M08 - 1.25 X 20	1	
17	36854677	Heater, Regulator, 24VDC	2	
18	36896892	Regulator, Pressure, 200 PSI	2	
19	46547865	Elbow, 90° 1/4" NPT	2	
20	46562499	Valve, 3-Way Ball 1/4" NPT	1	
21	23346612	Heater, Cylindrical 24VDC	2	
22	96952866	Nipple, Hex, 1/2" NPT X 1/4" NPT	1	
23	46607441	Decal, Dual Pressure Valve Operation	1	
24	46634120SA	Bracket, Regulation Dual Pressure	1	
25	95922126	Screw, Round Head Slotted, #10 - 24 X 5/8"	2	
26	95954251	Washer, Flat, #10	2	
27	95923074	Nut, Hex, 5/16" - 24	2	
28	46652930SA	Bracket, Cross Mount	1	
29	95935029	Washer, Flat, 1/4" ID	2	
30	95923298	Nut, Hex Nylon Insert, 1/4" - 20	2	
31	46656836	Orifice, 5/32" X 1/4" NPT	1	
32	46547790	Cross, 1/4" NPT Female	1	
33	46608801	Hose, -6 JIC X 17"	1	

Service Air, Standard, No Filtration



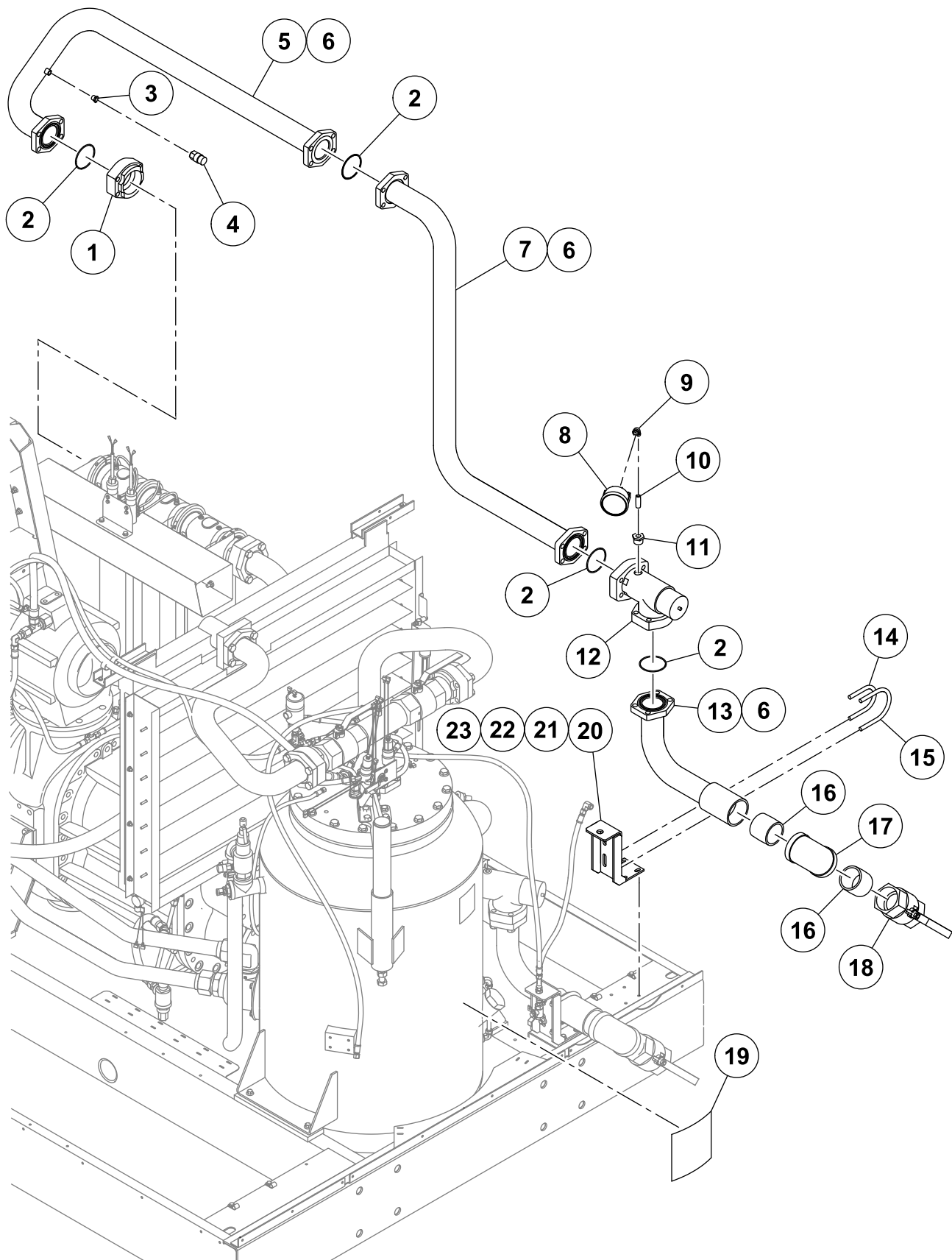
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	95953956	Bushing, Reducer, 3/4" NPT X 3/8" NPT	1	Non-PED only
2	35279926	Elbow, 90° 3/8" NPT X -6 JIC	1	
3	46620183	Tube, Separator Tank Minimum Pressure Valve	1	
	22205165	Tube, Separator Tank Minimum Pressure Valve, PED	1	
4	95929089	Screw, Hex, 5/8" - 11 X 1-3/4"	12	
5	95954038	Plug, Hex, 1/4" NPT	1	
6	95358040	O-Ring, 3-3/8" ID X 1/8" Cross Section	3	
7	35280098	Elbow, 90° 1/4" NPT X -6 JIC	1	
8	35282987	Hose, -6 JIC X 34"	1	
9	95947149	Plug, Hex, Countersink 3/4" NPT	1	
10	54642152	Valve, Check, 3" Minimum Pressure	1	
	22207534	Valve, Check, 3" Minimum Pressure, PED	1	
11	46561941	Tube, Service Air	1	
	46614404	Tube, Service Air, PED	1	
12	35586288	U-Bolt, 1/2" - 13 X 3"	1	
13	36799419	U-Bolt, 1/2" - 13 X 4-5/8"	1	
14	95940946	Nipple, Pipe Extra Strong 3" NPT X 3"	2	
15	36755718	Valve, 3" Ball	1	
	22225213	Valve, 3" Ball, PED	1	
16	95941027	Elbow, 90° 3" NPT	1	
17	35324839	Valve, Ball, 1/4" NPT	1	
18	35367846	Connector, Swivel Nut, 1/4" NPT X -6 JIC	1	
19	54668314	Bracket, Service Pipe Mounting	1	
20	35130293	Screw, Tapping, 3/8" - 16 X 3/4"	4	
21	95935003	Washer, Flat, 1/2" ID	4	
22	95922902	Nut, Hex, 1/2"- 13	4	
23	95935052	Washer, Flat, 5/8"	2	
24	35336189	Connector, -6 JIC Bulkhead	1	
25	95415667	Tee, -6 JIC Swivel Run	1	
26	36844074	Hose, -6 JIC X 52"	1	

Service Air, IQ, Piping, Aftercooler Inlet



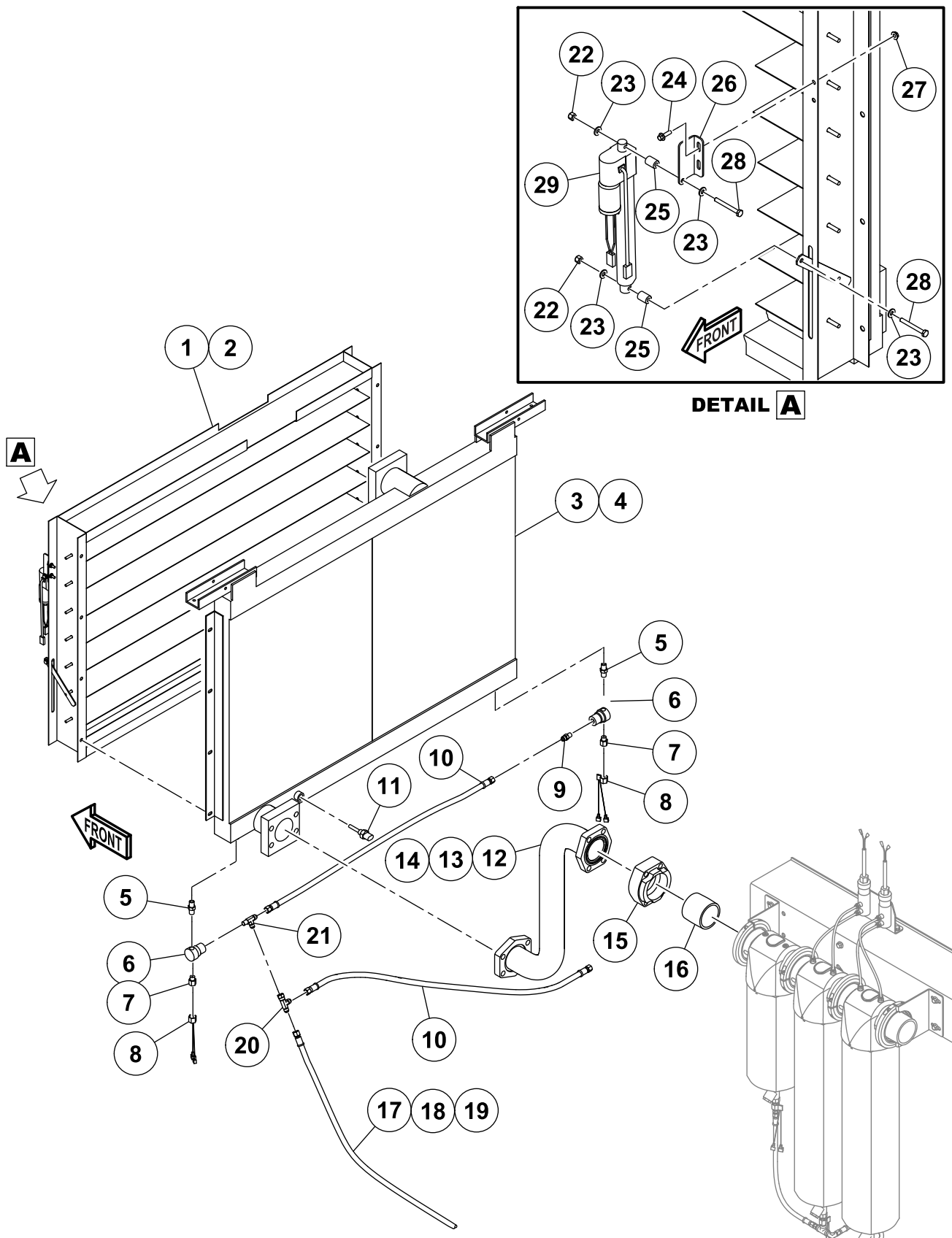
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46561039	Tube, Aftercooler Inlet	1	PED Only
	46614400	Tube, Aftercooler, Inlet, HP, PED	1	
2	95929089	Screw, Hex, 5/8" - 11 X 1-3/4"	20	
3	95358040	O-Ring, 3-3/8" ID	5	
4	36893220	Adapter, 3" NPT X Flat-Face Flange	2	
5	95940946	Nipple, Extra Strong, Pipe 3" NPT X 3"	2	
6	36922995	Valve, Ball, 3" Lockable	1	
	22225221	Valve, Ball, 3" Lockable, NPT, 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", PED	1	
10	22104558	Tube, IQ Air By-Pass	1	
	22205181	Tube, IQ Air By-Pass, PED	1	
11	35248145	Valve, Check, 1/4" NPTF	1	
12	35322502	Hose, -6 JIC X 22"	1	
13	35290147	Connector, -6 JIC X 3/8" NPT	2	
14	95764767	Tee Run, 3/8" NPT X 3/8" NPT	1	
15	35280098	Elbow, 90° 1/4" FNPT X -6 JIC	1	

Service Air, IQ, Filtration Outlet, Piping



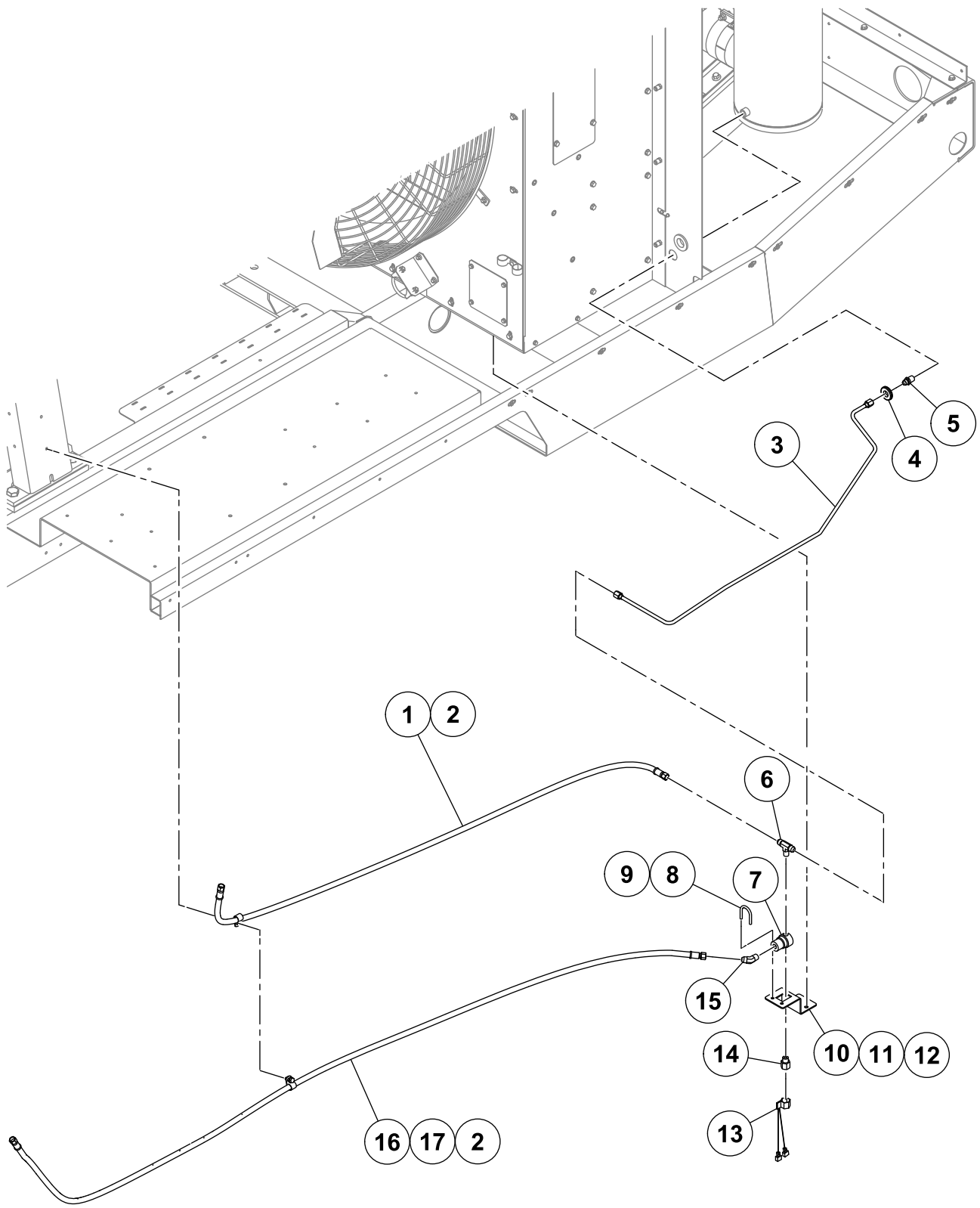
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36893220	Adapter, 3" NPT X Flat-Face Flange	1	
2	95358040	O-Ring, 3-3/8" ID	4	
3	95954038	Plug, Hex, 1/4" NPT	1	
	46547857	Bushing, 1/4" X 1/8" NPT Female	1	
4	46568519	Switch, Pressure, 12 PSI NC	1	
5	46556499	Tube, IQ Filter	1	
	46614402	Tube, IQ Filter, PED	1	
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	46558799	Gauge, Pressure, 0 - 250 PSI	1	
9	95954095	Elbow, 90° 1/4" NPT	1	
10	95944567	Nipple, Short, 1/4" NPT X 1-1/2"	1	
11	95944633	Bushing, 3/4" NPT X 1/4" NPT Female Reducer	1	
12	54642152	Valve, Check, 3" Minimum Pressure	2	
	22207534	Valve, Check, 3" Minimum Pressure, PED	2	
13	46561941	Tube, Service Air, 3"	2	
	46614404	Tube, Service Air, 3", PED	2	
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"	2	
17	95941027	Elbow, 90° 1/4" NPT	1	
18	36755718	Valve, Ball, 3"	1	
	22225213	Valve, Ball, 3", NPT, PED	1	
19	46607442	Decal, AC Operation Diagram	1	
20	54668314	Bracket, Service Pipe Mounting	1	
21	35130293	Screw, Tapping, 3/8" - 16 X 3/4"	4	
22	95922902	Nut, Hex 1/2"- 13	4	
23	95935003	Washer, Flat, 1/2" ID	4	

Service Air, IQ, Aftercooler, Piping



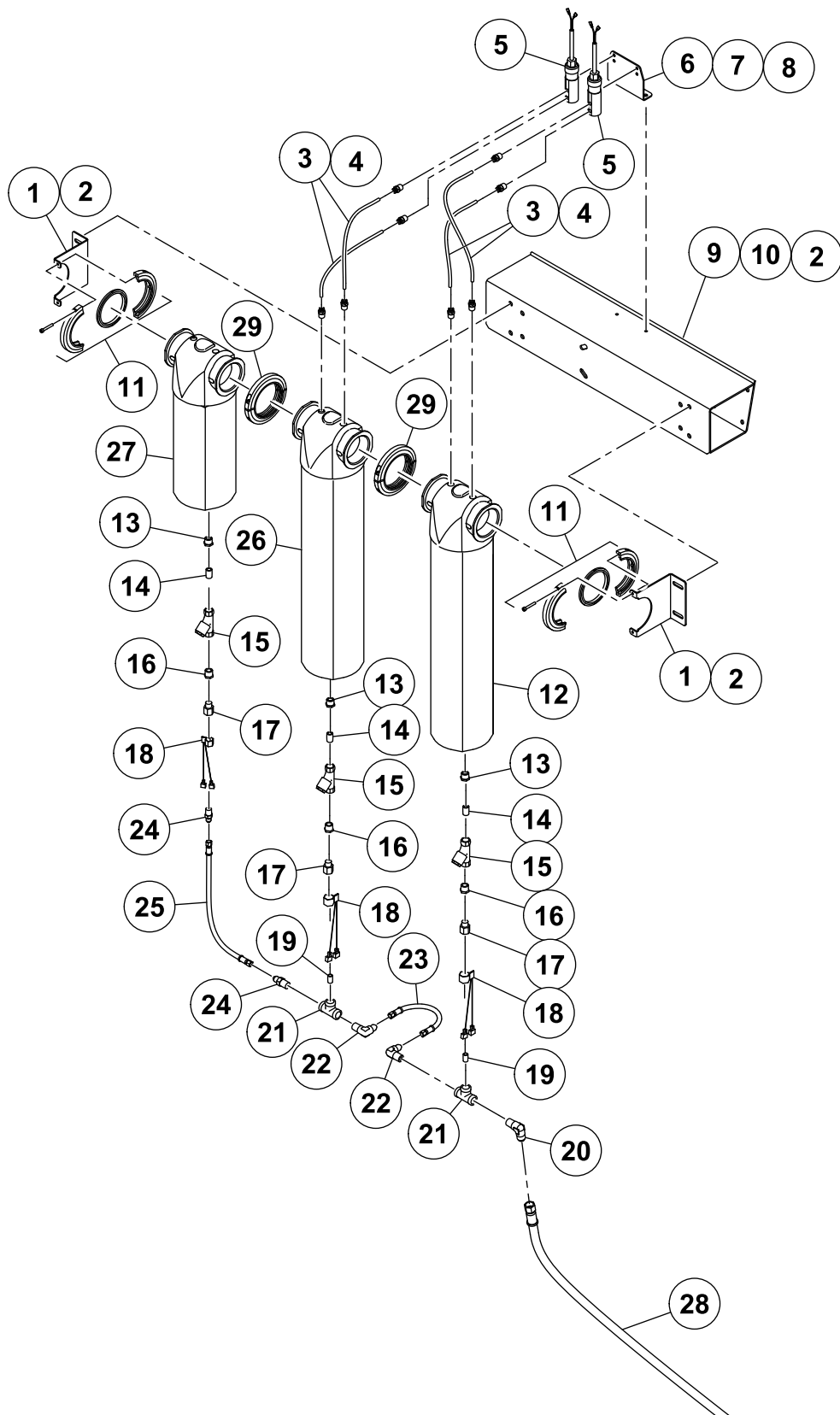
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	54700943	Louver, Aftercooler	1	
2	35252600	Nut, Hex, 5/16" - 18	8	
3	46560839	Aftercooler, HP	1	
	46601399	Aftercooler, HP, PED	1	
4	35144336	Screw, Hex Flange, 5/16" - 18 X 3/4"	8	
5	46547816	Nipple, Hex, 1/4" NPT	2	
6	35322379	Valve, Blowdown	2	
7	35248319	Fitting, Orifice, 3/32"	2	
8	36841526	Heater, 3/4" Hex 24 VDC	2	
9	46548020	Elbow, -6 JIC X 1/4" NPT, 45°	1	
10	46607399	Hose, -6 JIC X 30"	2	
11	23294820	Sensor, Temperature 3/8" NPT	1	
12	46561719	Tube, Aftercooler Outlet	1	
	46614401	Tube, Aftercooler Outlet, PED	1	
13	95358040	O-Ring, 3-3/8" ID	2	
14	95929089	Screw, Hex, 5/8" - 11 X 1-3/4"	8	
15	36893220	Adapter, 3" NPT X Flat-Face Flange	1	
16	95940946	Nipple, Pipe, 3" NPT X 3"	1	
17	46595719	Hose, -6 JIC X 110"	1	
18	35279025	Screw, Hex, M08 - 1.25 X 20	1	
19	35225077	Clamp, Support, 3/8" Rubber Coated	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



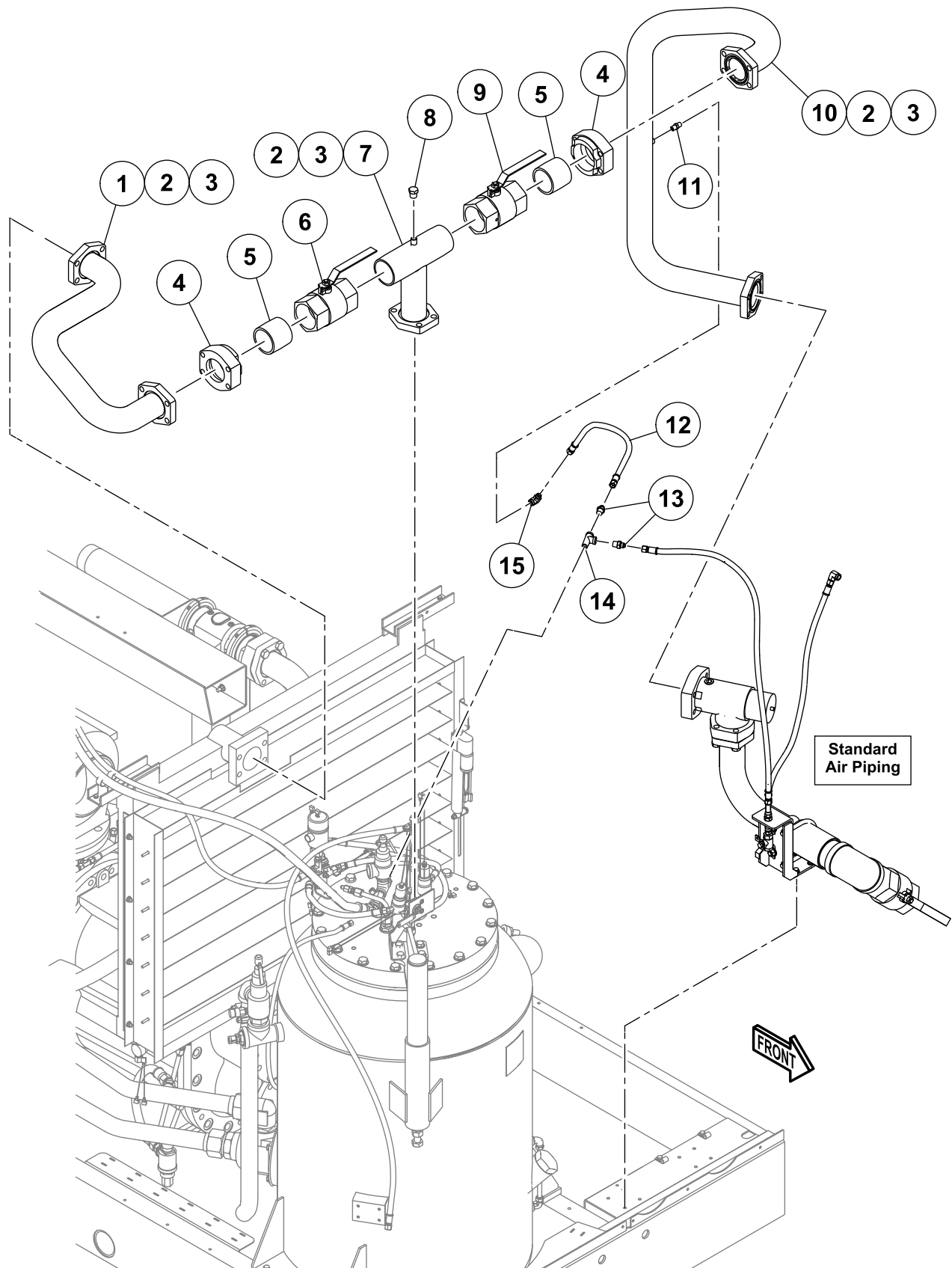
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46656763	Hose, -6 JIC X 75"	1	Tandem Only Wagon Only
2	35225077	Clamp, Support, 3/8" Rubber Coated	2	
3	46651751	Tube, -6 JIC Drain Valve to Muffler	1	
	46654753	Tube, -6 JIC Drain Valve to Muffler	1	
4	35285162	Grommet, 3/4" ID	1	
5	46593959	Connector, -6 JIC X 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



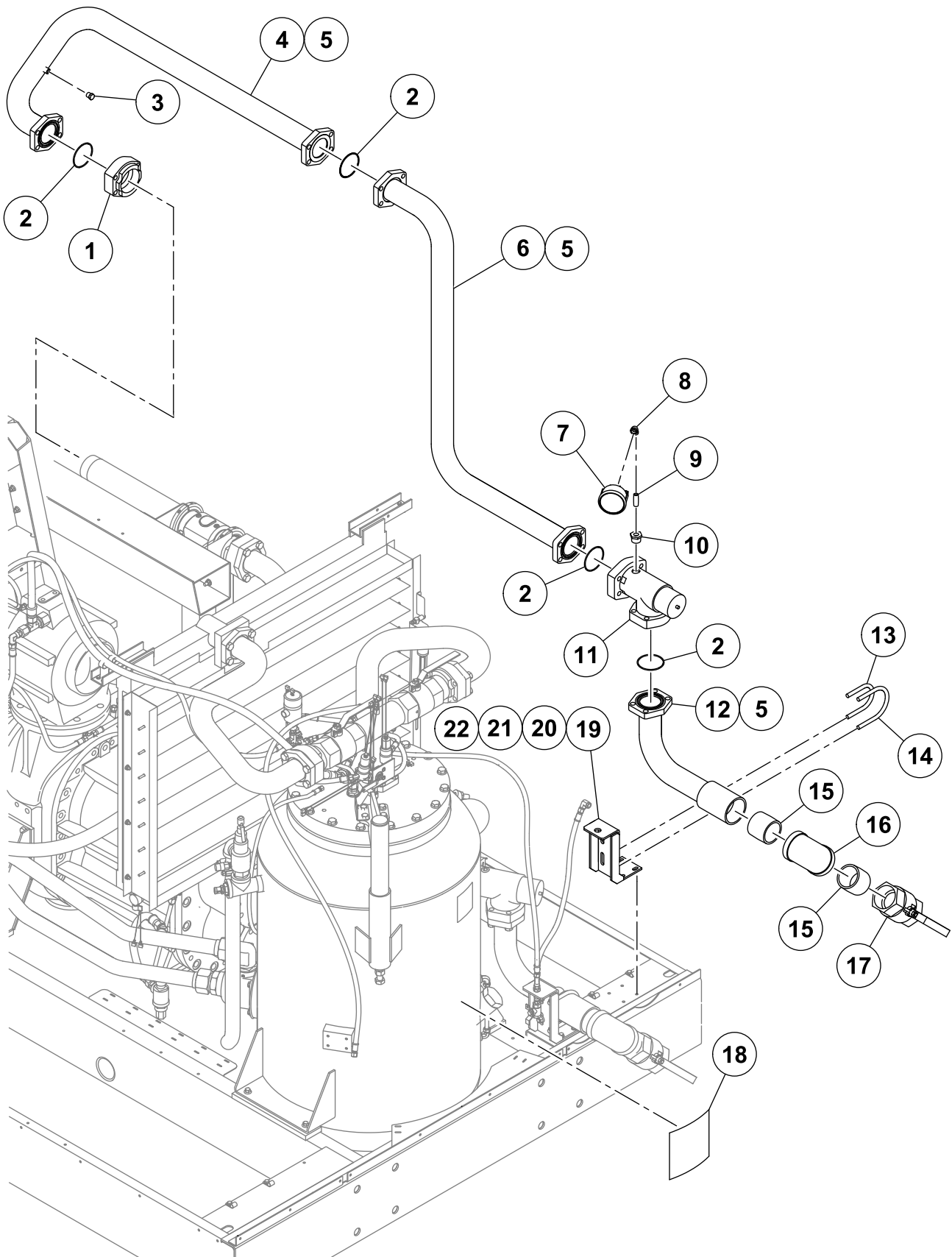
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46666345SB	Bracket, HP IQ Filter Mounting	2	Measured In Inches
2	36880995	Screw, Hex Flange M10 - 1.5 X 30	8	
3	35333715	Tubing, .25 OD Nylon	48.3	
4	35614510	Connector, 1/8" NPT X 1/4" Tube Brass	8	
5	36899599	Indicator, DIF 20PSI	2	
6	46651375SB	Bracket, Pressure Indicator	1	
7	35136423	Screw, Hex 1/4" - 20 UNC X 1/2"	4	
8	35279025	Screw, Hex Tapping, M08 - 1.25 X 20	2	
9	46585559SB	Bracket, IQ Filter Mounting	1	
10	36879195	Nut, Hex Flange M10 - 1.5	8	
11	23187339	Clamp, #5 Spacer	2	
12	23178940	Filter, Secondary	1	
13	95245353	Bushing, Reducer 1/2" NPT X 3/8"	3	
14	95772562	Nipple, 3/8" NPT X 1"	3	
15	46612699	Y-Strainer, 3/8" NPT	3	
16	46547915	Bushing, Reducer 3/8" NPT X 1/4" NPTF	3	
17	37081528	Fitting, Orifice 0.063"	3	
18	36841526	Heater, 3/4" Hex 24VDC	3	
19	95452025	Nipple, Short 1/4" NPT X 7/8"	2	
20	46547881	Elbow, -6 JIC X 1/4" NPT 90°	1	
21	36882223	Tee, Pipe 1/4" NPT	2	
22	46547980	Elbow, 90° 1/4" NPT X 1/4" Tube	2	
23	46595720	Hose, -4 JIC X 14"	1	
24	35283472	Connector, 1/4" NPT X -4 JIC	2	
25	46595721	Hose, -4 JIC X 19"	1	
26	23178932	Filter, Primary	1	
27	23178924	Separator, Moisture	1	
28	46656763	Hose, -6 X 75" w/ Brass Ends	1	
29	23181597	Clamp w/ O-Ring	2	
	46674252	Harness, IQ Option	1	Not Shown

Service Air, AC, Aftercooler Inlet, Piping



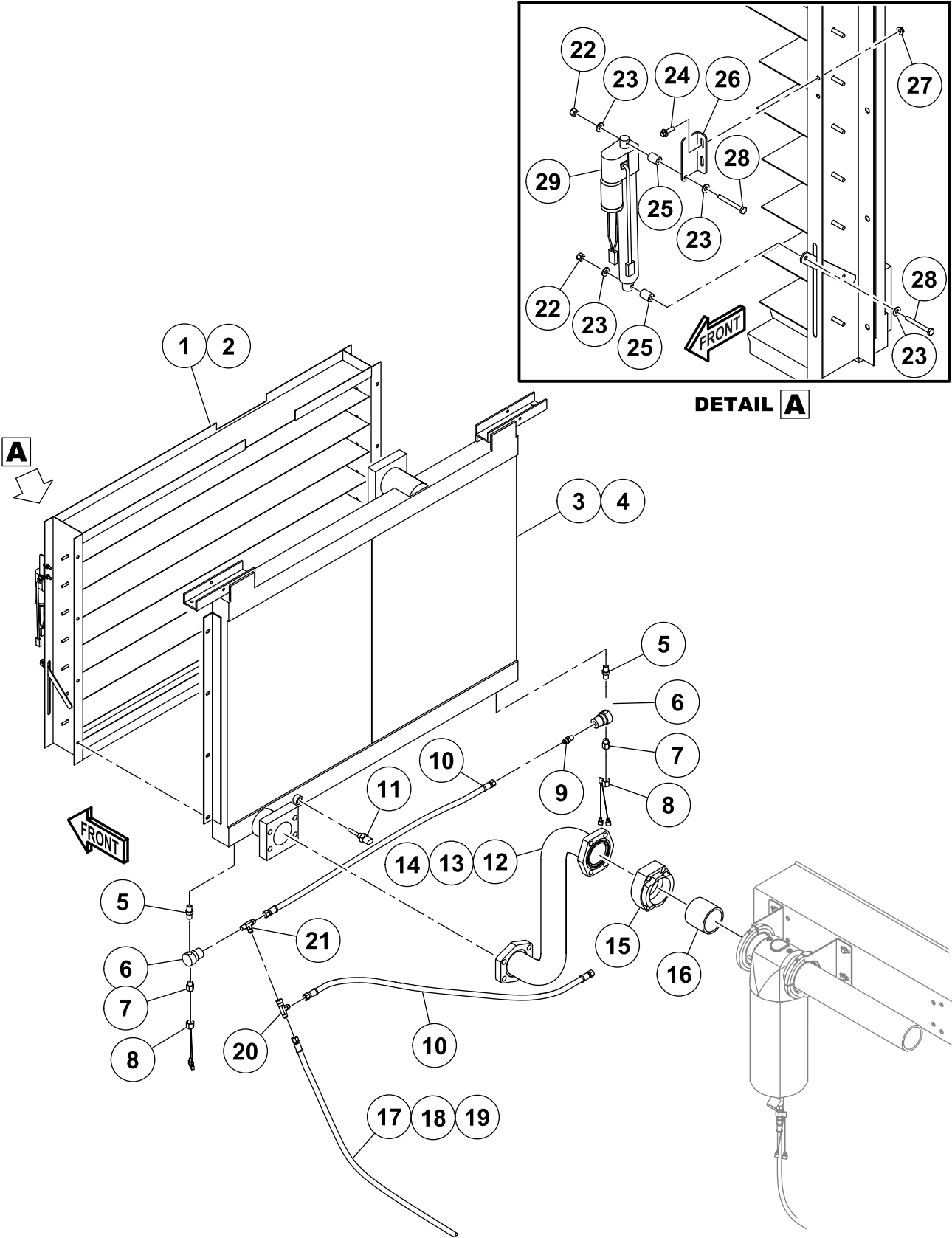
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46561039	Tube, Aftercooler Inlet	1	
	46614400	Tube, Aftercooler, Inlet, HP, PED	1	
2	95929089	Screw, Hex, 5/8" - 11 X 1-3/4"	20	
3	95358040	O-Ring, 3-3/8" ID	5	
4	36893220	Adapter, 3" NPT X Flat-Face Flange	2	
5	95940946	Nipple, Extra Strong, Pipe 3" NPT X 3"	2	
6	36922995	Valve, Ball, 3" Lockable	1	
	22225221	Valve, Ball, 3" Lockable, NPT, 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", PED	1	
10	22104558	Tube, IQ Air By-Pass	1	
	22205181	Tube, IQ Air By-Pass, PED	1	
11	35248145	Valve, Check, 1/4" NPTF	1	
12	35322502	Hose, -6 JIC X 22"	1	
13	35290147	Connector, -6 JIC X 3/8" NPT	2	
14	95764767	Tee Run, 3/8" NPT X 3/8" NPT	1	
15	35280098	Elbow, 90° 1/4" FNPT X -6 JIC	1	

Service Air, AC, Filtration Outlet, Piping



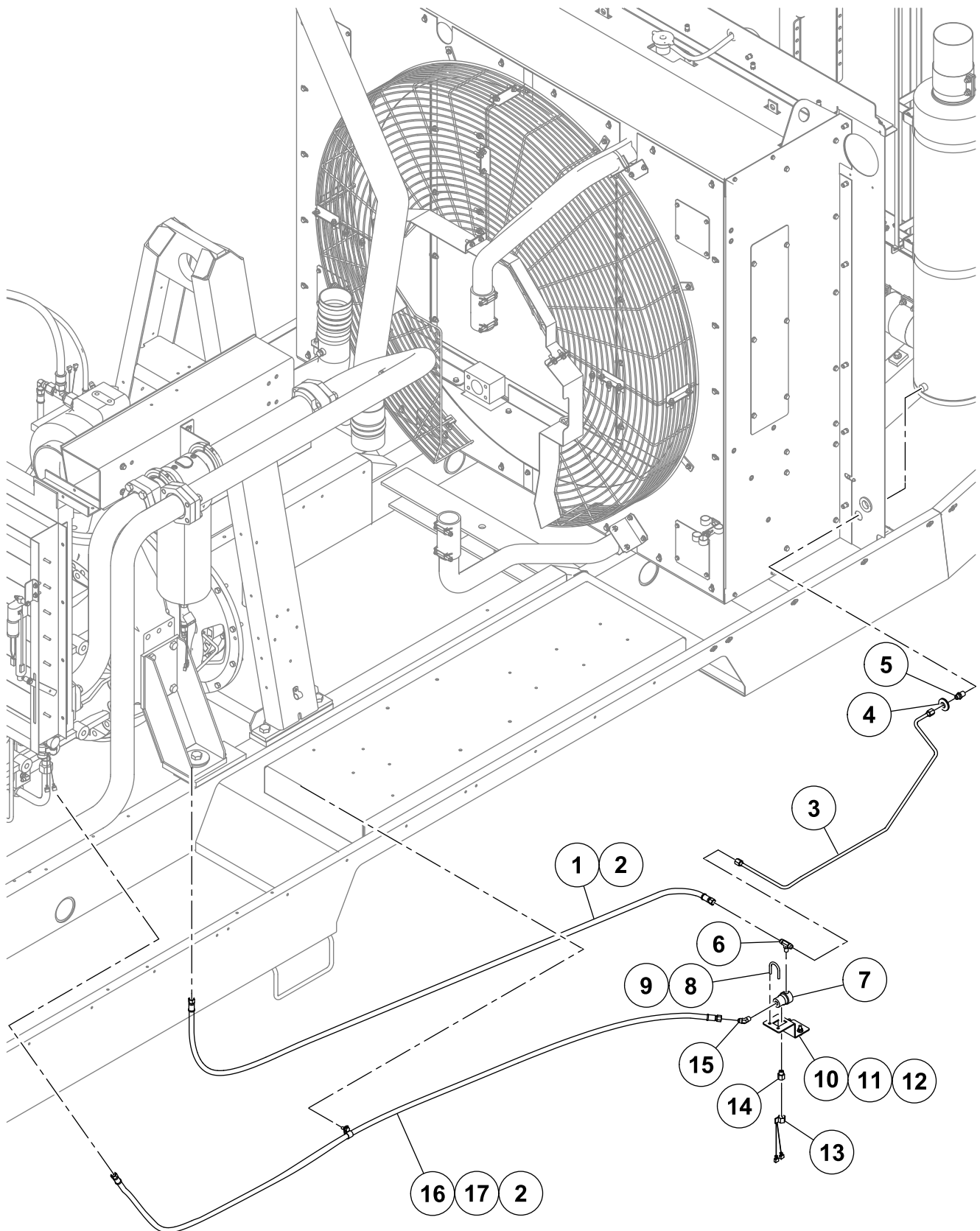
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36893220	Adapter, 3" NPT X Flat-Face Flange	1	
2	95358040	O-Ring, 3-3/8" ID	4	
3	95954038	Plug, Hex, 1/4" NPT	1	
4	46556499	Tube, IQ Filter	1	
	46614402	Tube, IQ Filter, PED	1	
5	95929089	Screw, Hex, 5/8" - 11 X 1-3/4"	16	
6	46557144	Tube, IQ Filter Tube to Min. Pressure Valve	1	
	46614403	Tube, IQ Filter Tube to Min. Pressure Valve, PED	1	
7	46558799	Gauge, Pressure, 0 - 250 PSI	1	
8	95954095	Elbow, 90° 1/4" NPT	1	
9	95944567	Nipple, Short, 1/4" NPT X 1-1/2"	1	
10	95944633	Gauge, Pressure , 0 - 250 PSI	1	
11	54642152	Valve, Check, 3" Minimum Pressure	2	
	22207534	Valve, Check, 3" Minimum Pressure, PED	2	
12	46561941	Tube, Service Air	2	
	46614404	Tube, Service Air, 3", PED	2	
13	35586288	U-Bolt, 1/2" - 13 X 3"	1	
14	36799419	U-Bolt, 1/2" - 13 X 4-5/8"	1	
15	95940946	Nipple, Extra Strong, Pipe, 3" NPT X 3"	2	
16	95941027	Elbow, 90° 1/4" NPT	1	
17	36755718	Valve, Ball, 3"	1	
	22225213	Valve, Ball, 3", NPT, PED	1	
18	46607442	Decal, AC Operation Diagram	1	
19	54668314	Bracket, Service Pipe Mounting	1	
20	35130293	Screw, Tapping, 3/8" - 16 X 3/4"	4	
21	95922902	Nut, Hex 1/2"- 13	4	
22	95935003	Washer, Flat, 1/2" ID	4	

Service Air, AC, Aftercooler, Piping



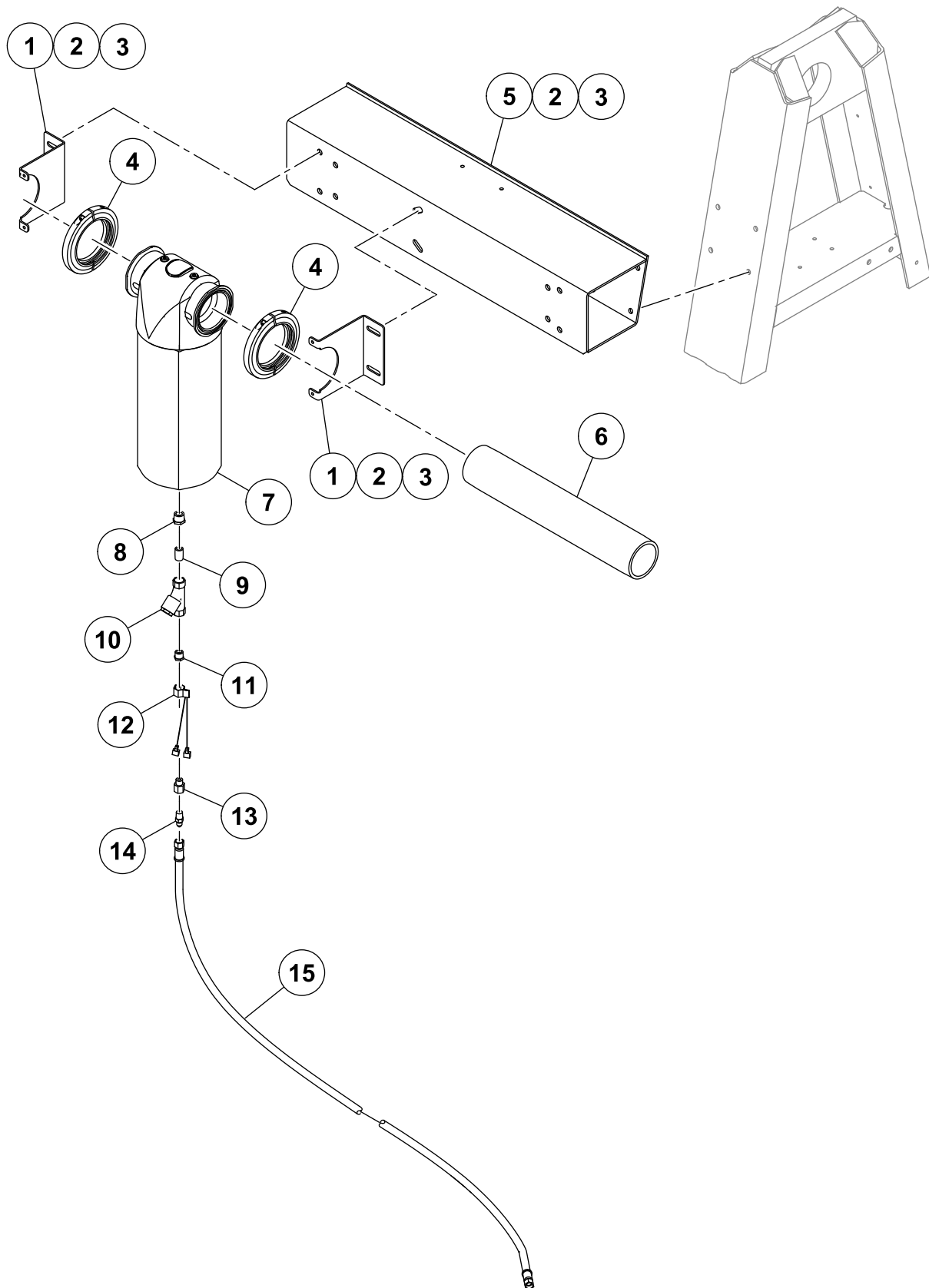
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	54700943	Louver, Aftercooler	1	
2	35252600	Nut, Hex, 5/16" - 18	8	
3	46560839	Aftercooler, HP	1	
	46601399	Aftercooler, HP, PED	1	
4	35144336	Screw, Hex Flange, 5/16" - 18 X 3/4"	8	
5	46547816	Nipple, Hex, 1/4" NPT	2	
6	35322379	Valve, Blowdown	2	
7	35248319	Fitting, Orifice, 3/32"	2	
8	36841526	Heater, 3/4" Hex 24 VDC	2	
9	46548020	Elbow, -6 JIC X 1/4" NPT, 45°	1	
10	46607399	Hose, -6 JIC X 30"	2	
11	23294820	Sensor, Temperature 3/8" NPT	1	
12	46561719	Tube, Aftercooler Outlet	1	
	46614401	Tube, Aftercooler Outlet, PED	1	
13	95358040	O-Ring, 3-3/8" ID	2	
14	95929089	Screw, Hex, 5/8" - 11 X 1-3/4"	8	
15	36893220	Adapter, 3" NPT X Flat-Face Flange	1	
16	95940946	Nipple, Pipe, 3" NPT X 3"	1	
17	46595719	Hose, -6 JIC X 110"	1	
18	35279025	Screw, Hex, M08 - 1.25 X 20	1	
19	35225077	Clamp, Support, 3/8" Rubber Coated	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



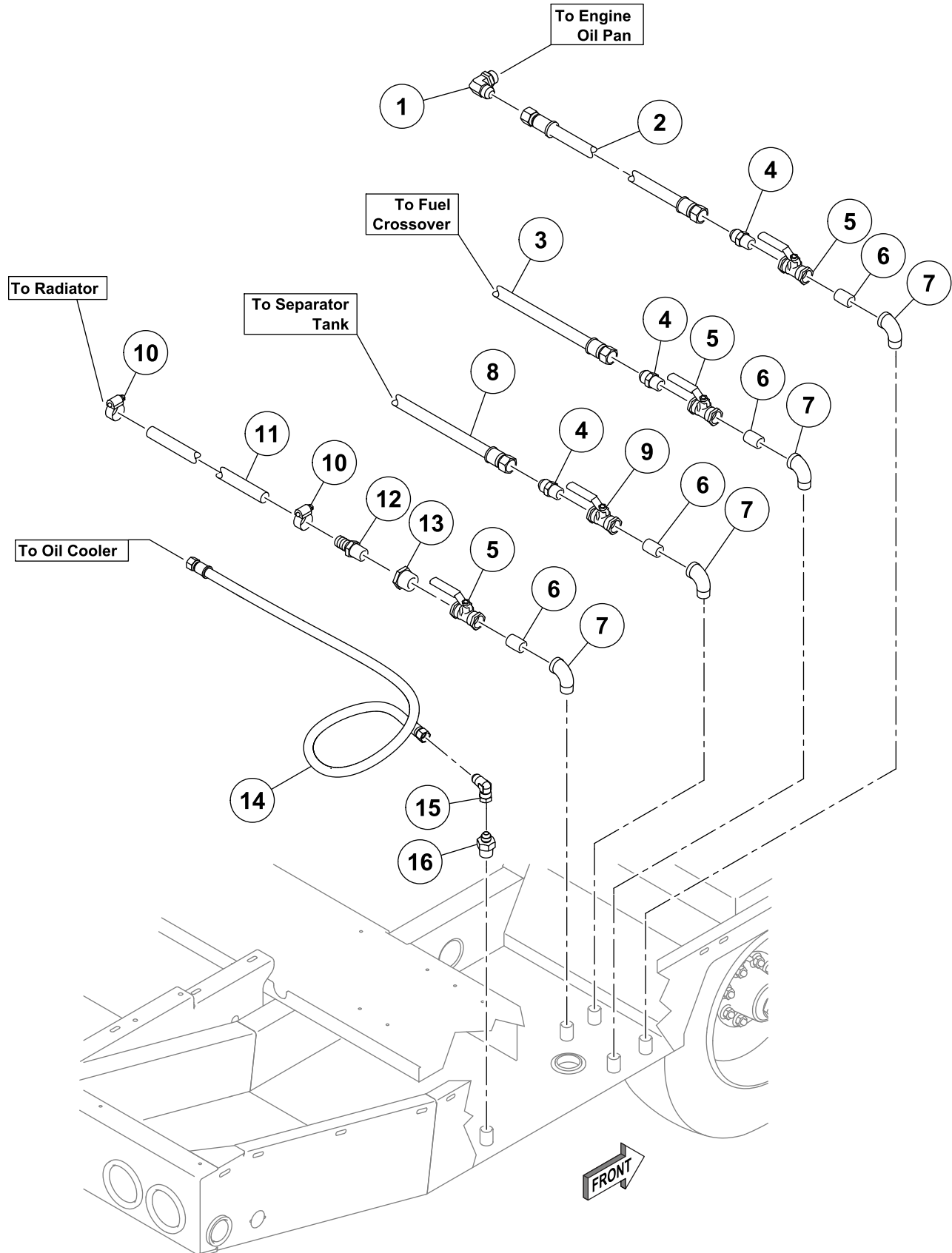
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46595800	Hose, -6 JIC X 100"	1	
2	35225077	Clamp, Support, 3/8" Rubber Coated	2	
3	46651751	Tube, -6 JIC Drain Valve to Muffler	1	
4	35285162	Grommet, 3/4" ID	1	
5	46593959	Connector, -6 JIC X 3/8" NPT	1	
6	46608803	Tee, Male, -6 JIC X 1/4" NPT X -6 JIC	1	
7	35322379	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



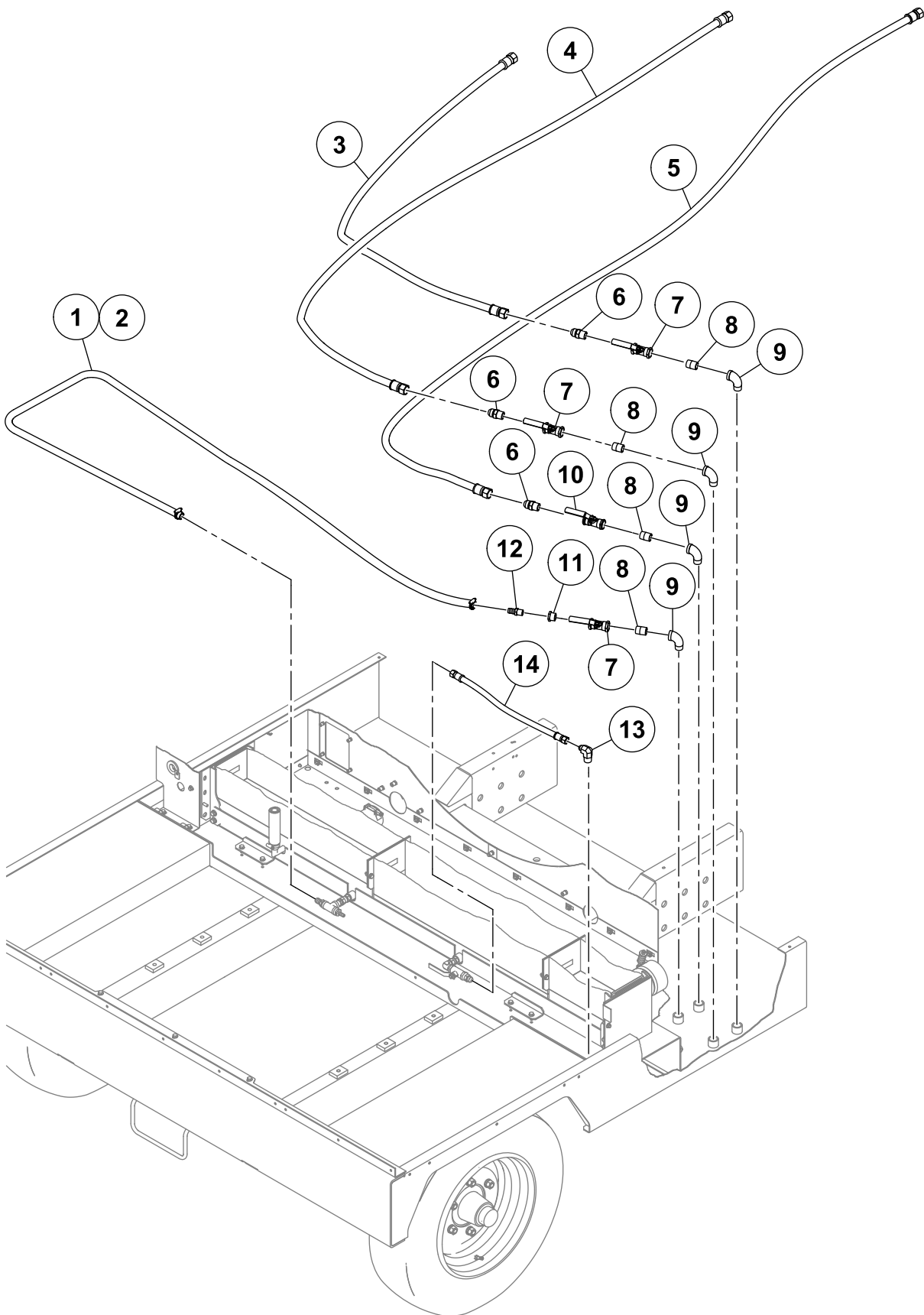
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46666345SB	Bracket, HP IQ Filter Mounting	2	Not Shown
2	36880995	Screw, Hex Flange, M10 - 1.5 X 30	8	
3	36879195	Nut, Hex Flange, M10 - 1.5	8	
4	23187339	Clamp, #5 Spacer	2	
5	46585559SB	Bracket, IQ Filter Mounting	1	
6	46552078	Nipple, 3" NPT X 19-1/4" Schedule 80	1	
7	23178924	Separator, Moisture	1	
8	95245353	Bushing, Reducer, 1/2" NPT X 3/8"	1	
9	95772562	Nipple, 3/8" NPT X 1"	1	
10	36844579	Y-Strainer, 3/8" NPT	1	
11	46547915	Bushing, Reducer, 3/8" NPT X 1/4" NPTF	1	
12	36841526	Heater, Hex, 3/4" 24VDC	1	
13	37081528	Fitting, Orifice, 1/16"	1	
14	46547956	Connector, 1/4" NPT X -6 JIC	1	
15	46595800	Hose, -6 JIC X 100"	1	
	46674248	Harness, AC Option	1	

Central Drains, Tandem



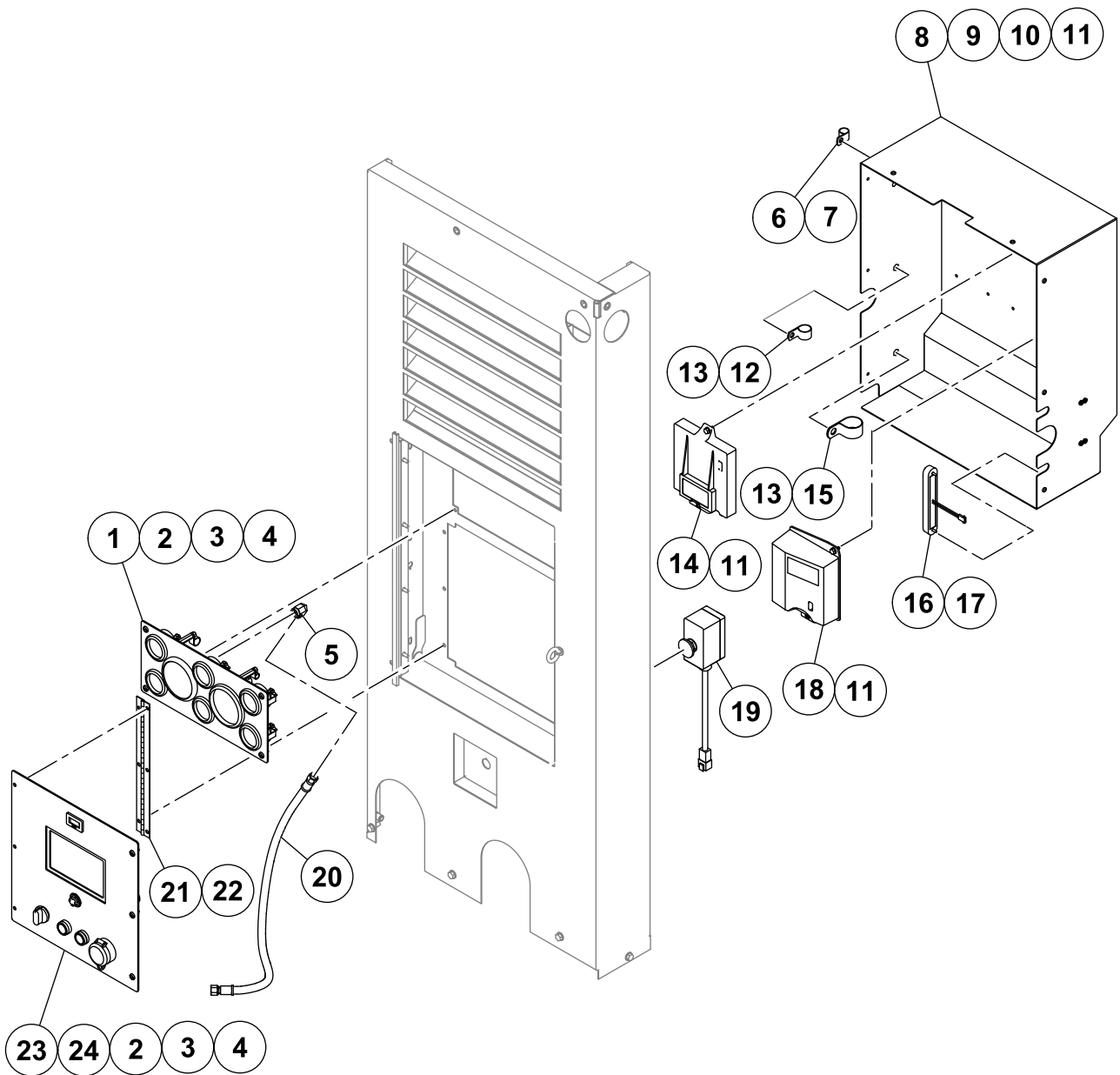
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	22063937	Elbow, 90° Street M27 - 2.0 X -12 JIC	1	Measured In Inches
2	35323880	Hose, -12 JIC X 79"	1	
3	36898328	Hose, -12 JIC X 138"	1	
4	95219747	Connector, 3/4" NPT X -12 JIC	3	
5	35576115	Valve, Ball 3/4" NPT	3	
6	95928040	Nipple, Pipe 3/4"	4	
7	95928172	Elbow, 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



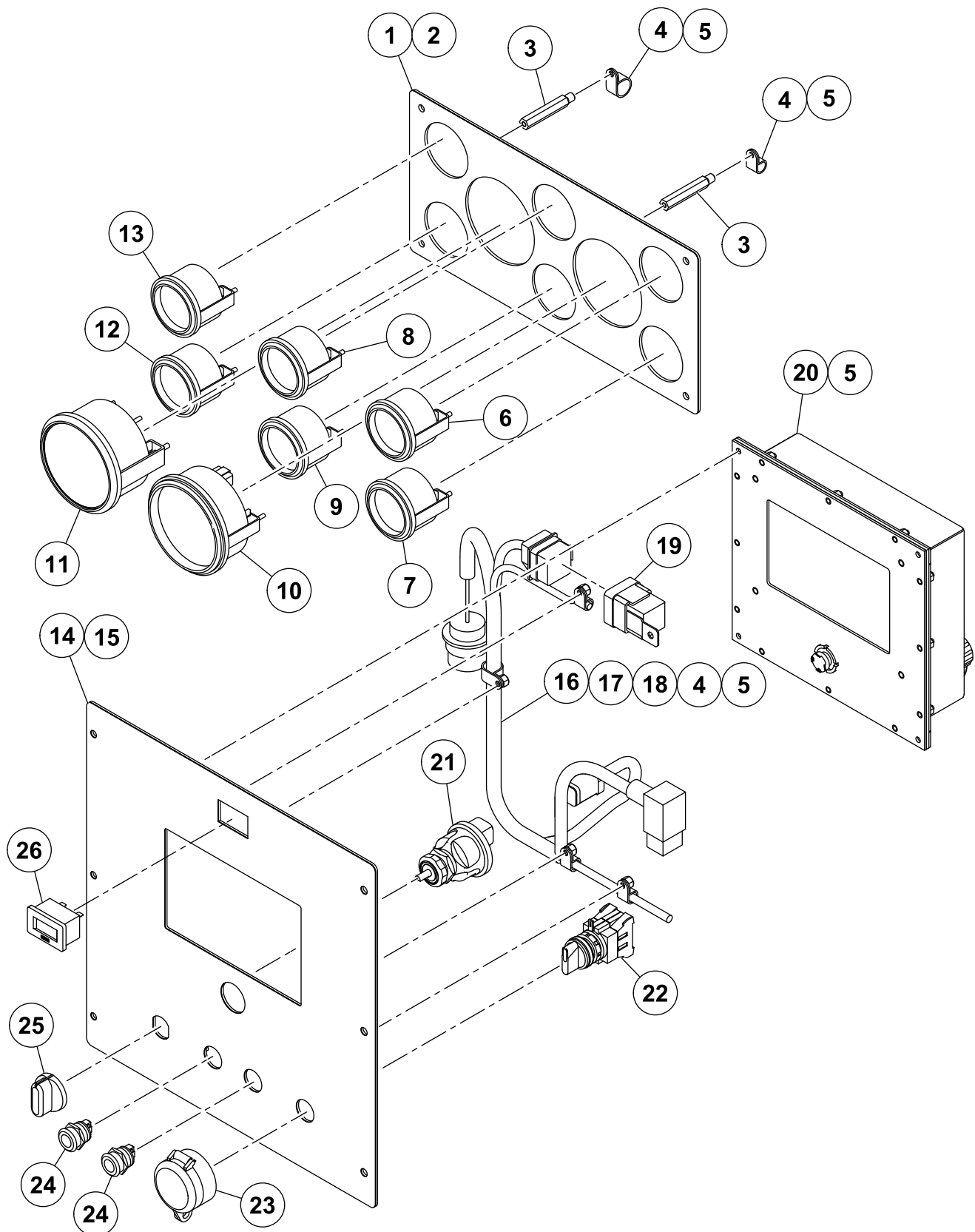
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46652351	Hose, Silicone, Coolant 5/8" ID	130	Measured In Inches
2	46641379	Clamp, Hose #10	2	
3	35323880	Hose, -12 JIC X 79"	1	
4	36898328	Hose, -12 JIC X 138"	1	
5	36878254	Hose, -12 JIC X 175"	1	
6	95219747	Connector, 3/4" NPT X -12 JIC	3	
7	35576115	Valve, Ball 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



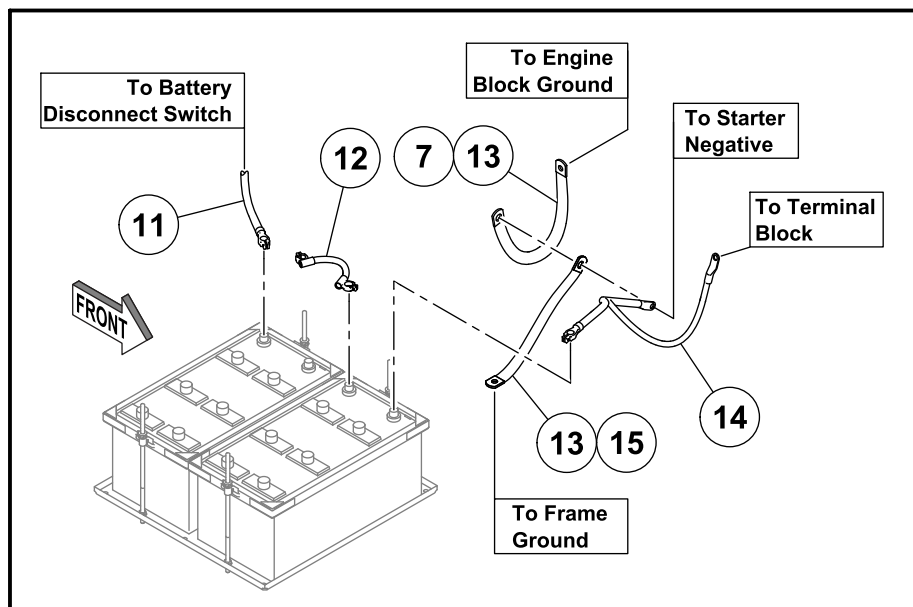
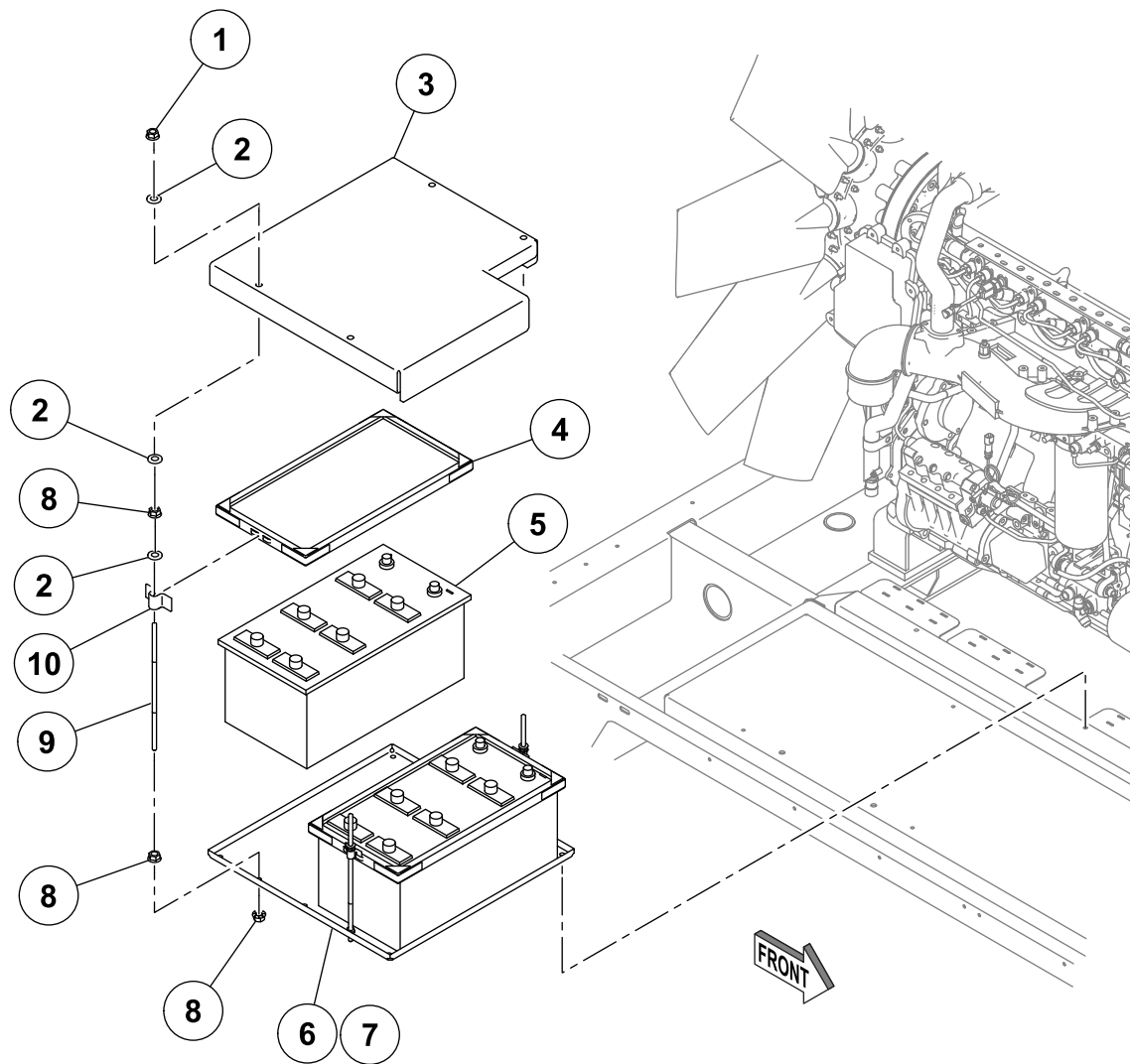
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46636563	Panel Assembly, 8 Gauge	1	IQ/AC Only
2	35256429	Screw, Slotted Head Quarter-Turn, 1/4"	7	
3	35256445	Retainer	14	
4	35256452	Receptacle, Quarter-Turn Clip-On	7	
5	35280098	Elbow, 90° 1/4" NPTF X - 6JIC	1	
6	35225077	Clamp, 11/16" ID Rubber Coated Support	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



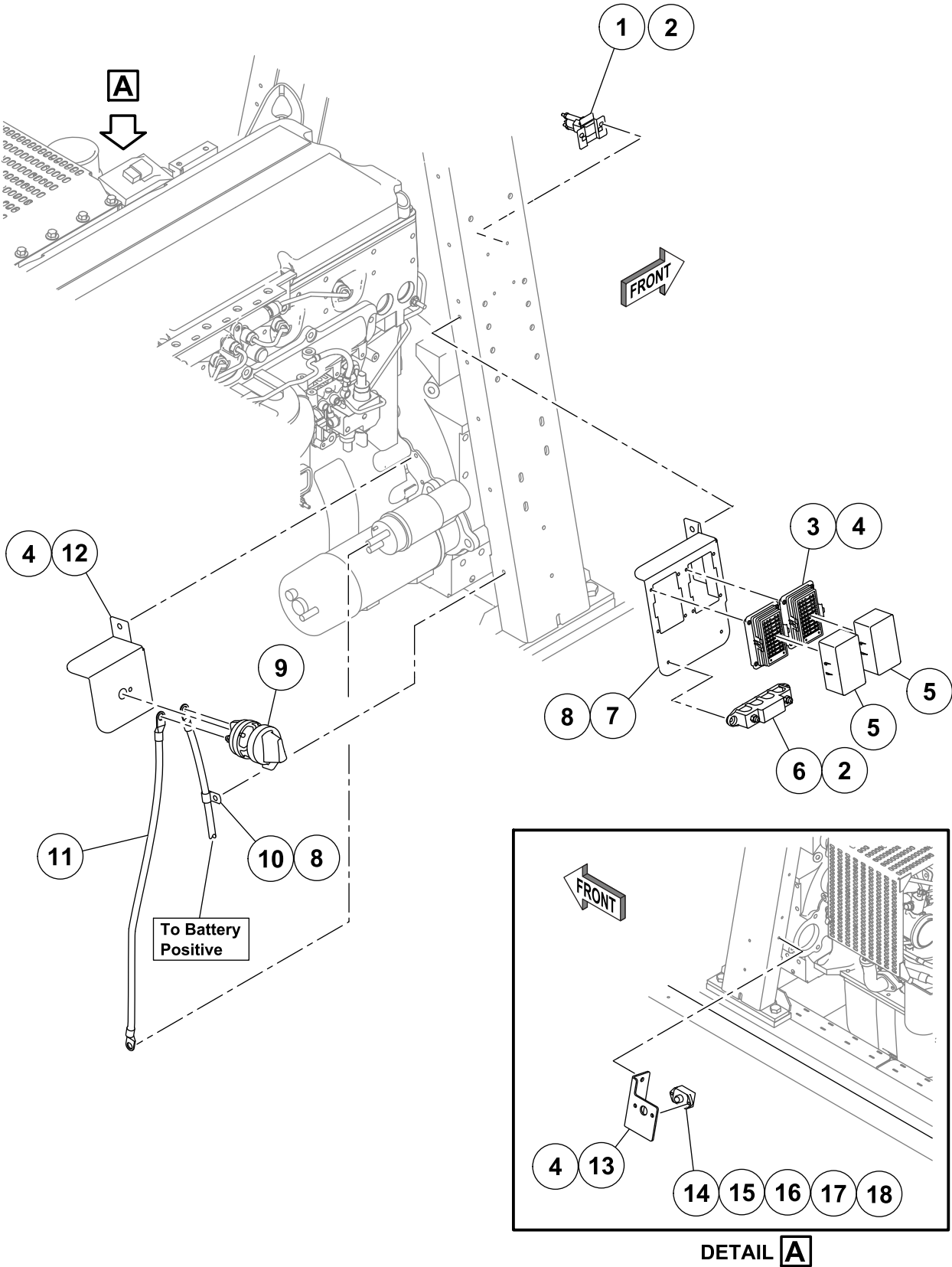
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46636560	Panel, Base Gauge J1939 T4F	1	
2	46636561	Laminate, Gauge Panel J1939 T4F	1	
3	46569259	Standoff, Male-Female 3/8" Hex 10 - 32	2	
4	46564986	Clamp, Cable Nylon 5/8"	1	
5	95928800	Nut, Hex #10 - 32 Stainless Steel	2	
6	46558804	Gauge, Engine Coolant Temperature	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



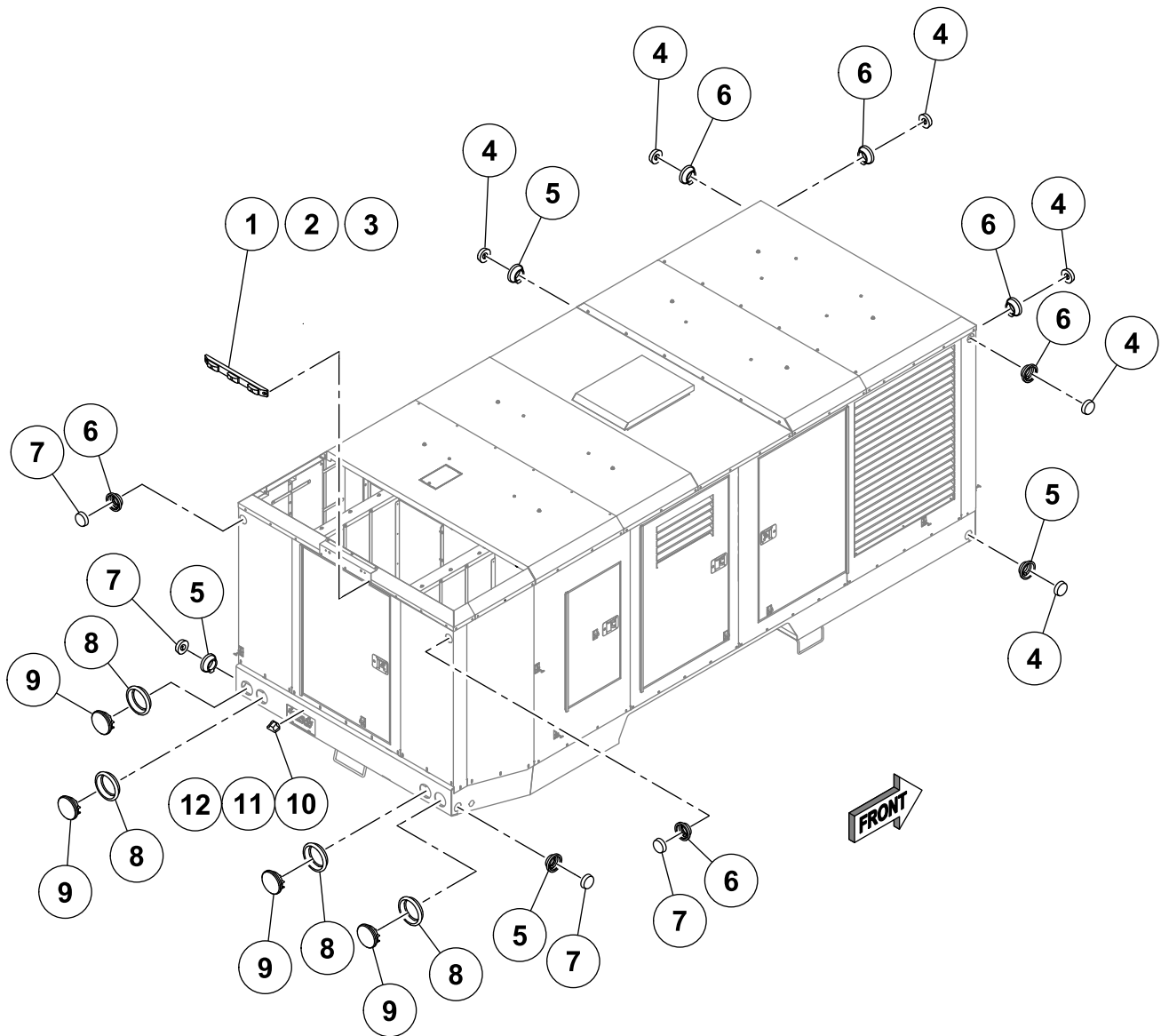
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	95923322	Nut, Hex Nylon Insert 3/8" - 16	4	
2	95935037	Washer, Flat 3/8" ID	12	
3	54706825SB	Cover, Battery	1	
4	35562156	Frame, Battery Holder	2	
5	35225788	Battery, 12 VDC	2	
6	36870350SB	Tray, Battery	1	
7	35279025	Screw, Tapping M08 - 1.25 X 20	3	
8	35145077	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



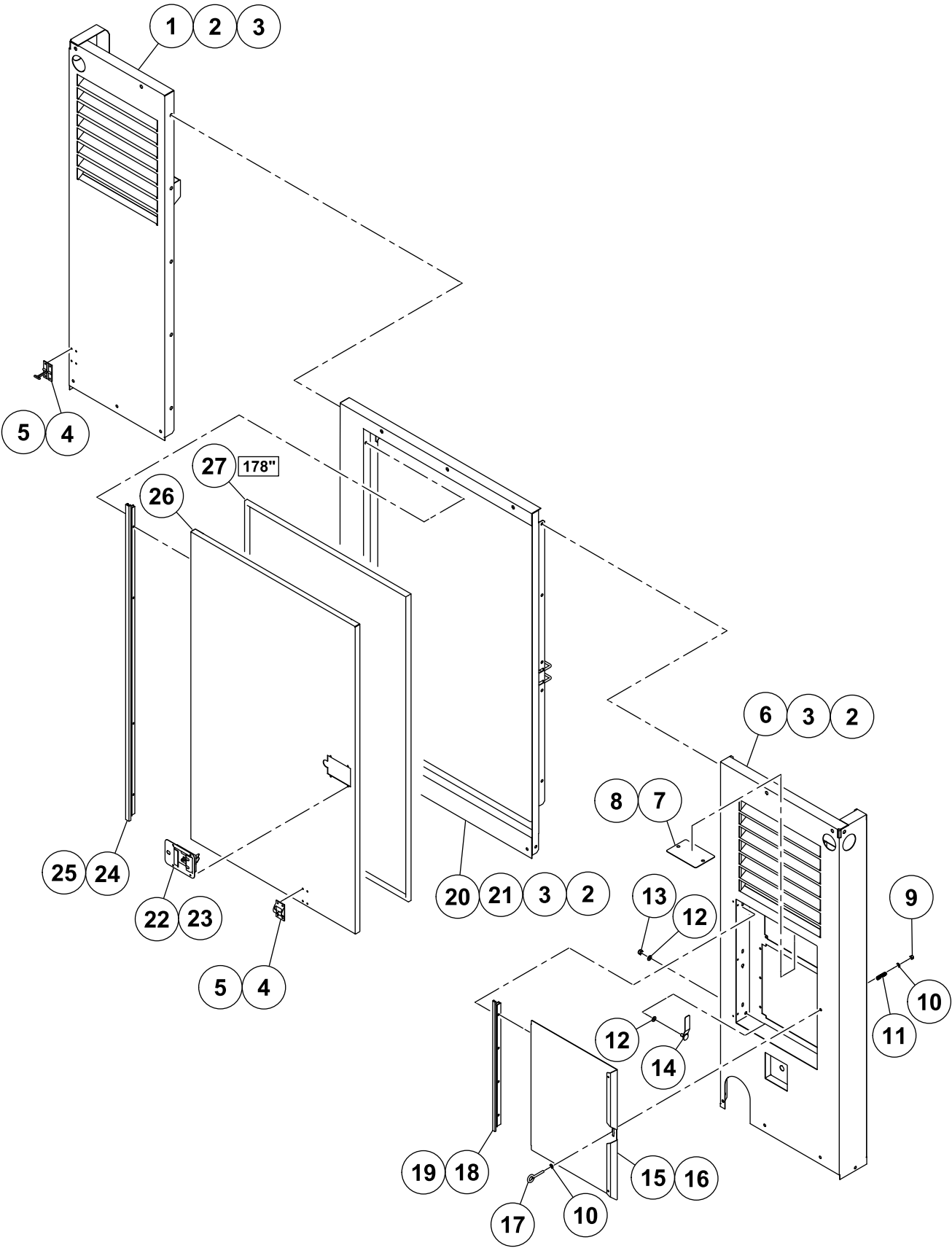
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36853521	Relay, 24V SPST 100 A	1	
2	92368687	Screw, Tapping M06 - 1.0 X 14	2	
3	46556356	Fuse, Relay Center	1	
4	36842102	Screw, Tapping 10 - 32 X 1"	4	
5	23366172	Cover, Fuse/Relay Center	2	
6	46567039	Block, Terminal 4-Point 3/8" Stud	1	
7	46587019SB	Bracket, Fuse 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



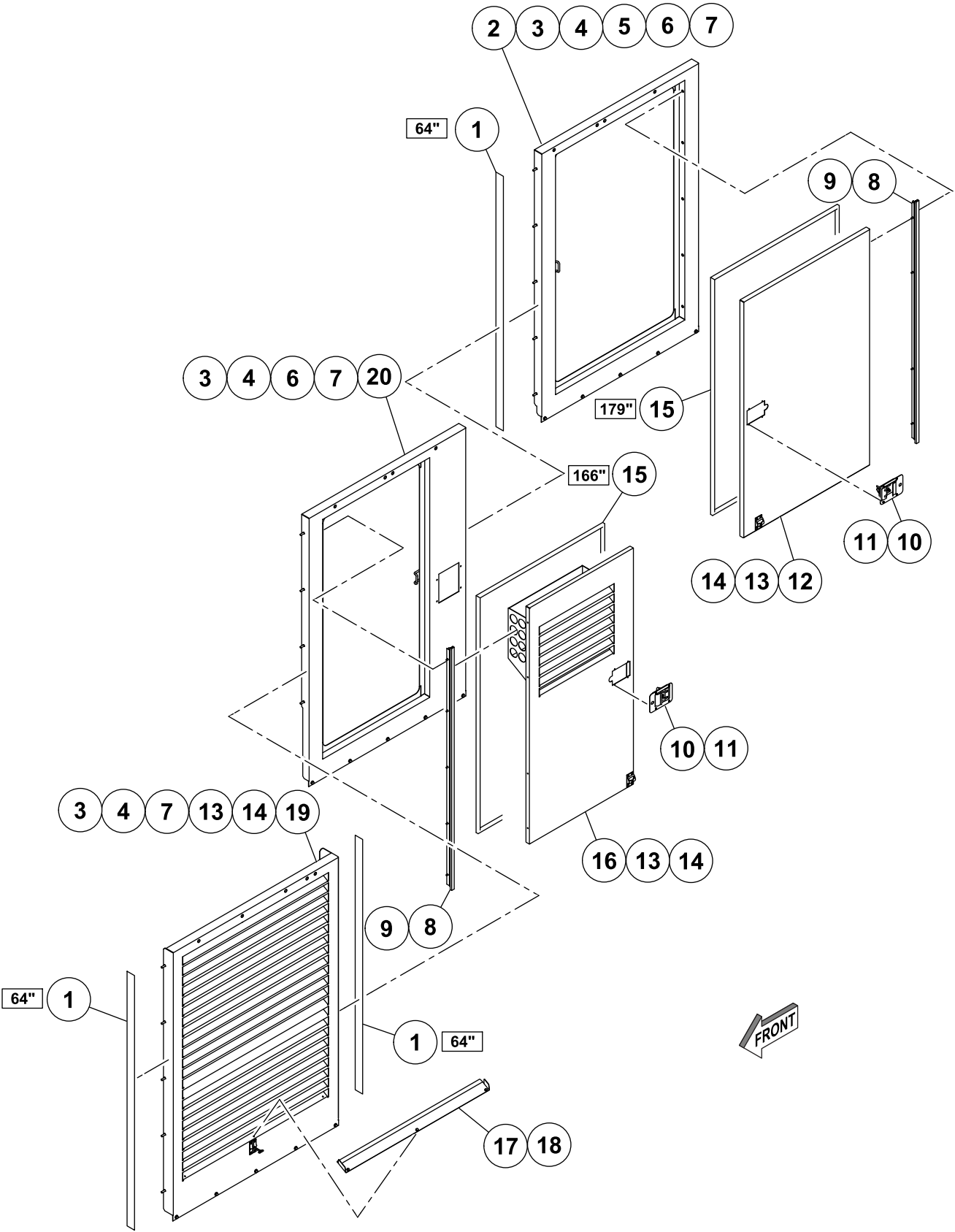
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36922144	Light, Identification	1	
2	95922126	Screw, Round Head Slotted #10 - 24 X 5/8"	2	
3	35265388	Nut, Hex Flange Nylon Insert #10 - 24	2	
4	35367051	Lamp, Clearance Yellow	6	
5	36893642	Grommet, Clearance Lamp	4	
6	36893634	Grommet, Clearance Lamp	6	
7	35367044	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



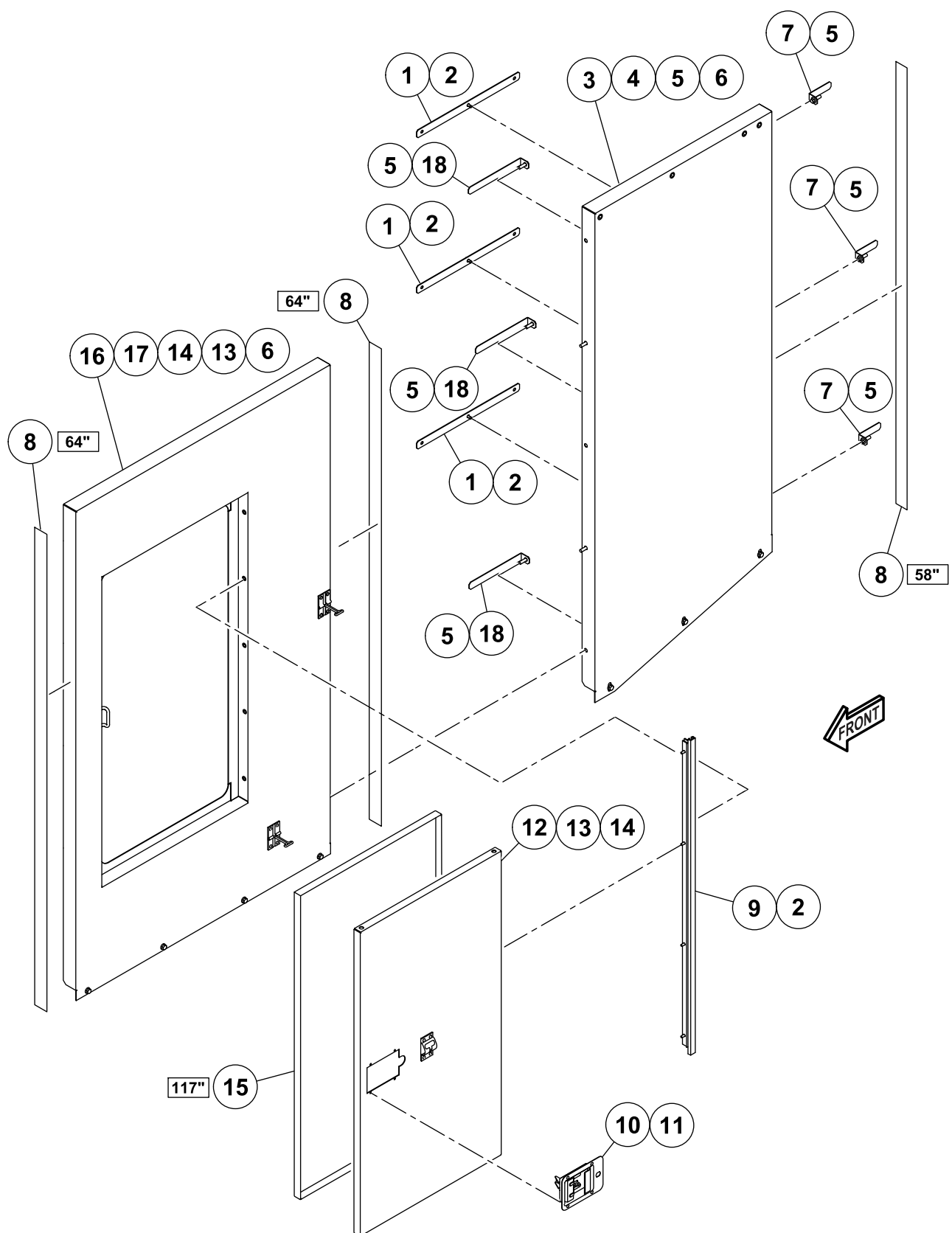
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46622960GA	Panel, Front, Curbside	1	Standard Air IQ/AC Option Only
2	36895746	Nutsert, Hex, M08 - 1.25	30	
3	35279025	Screw, Tapping, M08 - 1.25 X 20	12	
4	36849925	Holder, Door, T-Latch, 2 - 1/2"	1	
5	36843282	Rivet, 0.19" Dia.	8	
6	46613540GA	Panel, Front, Streetside, 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



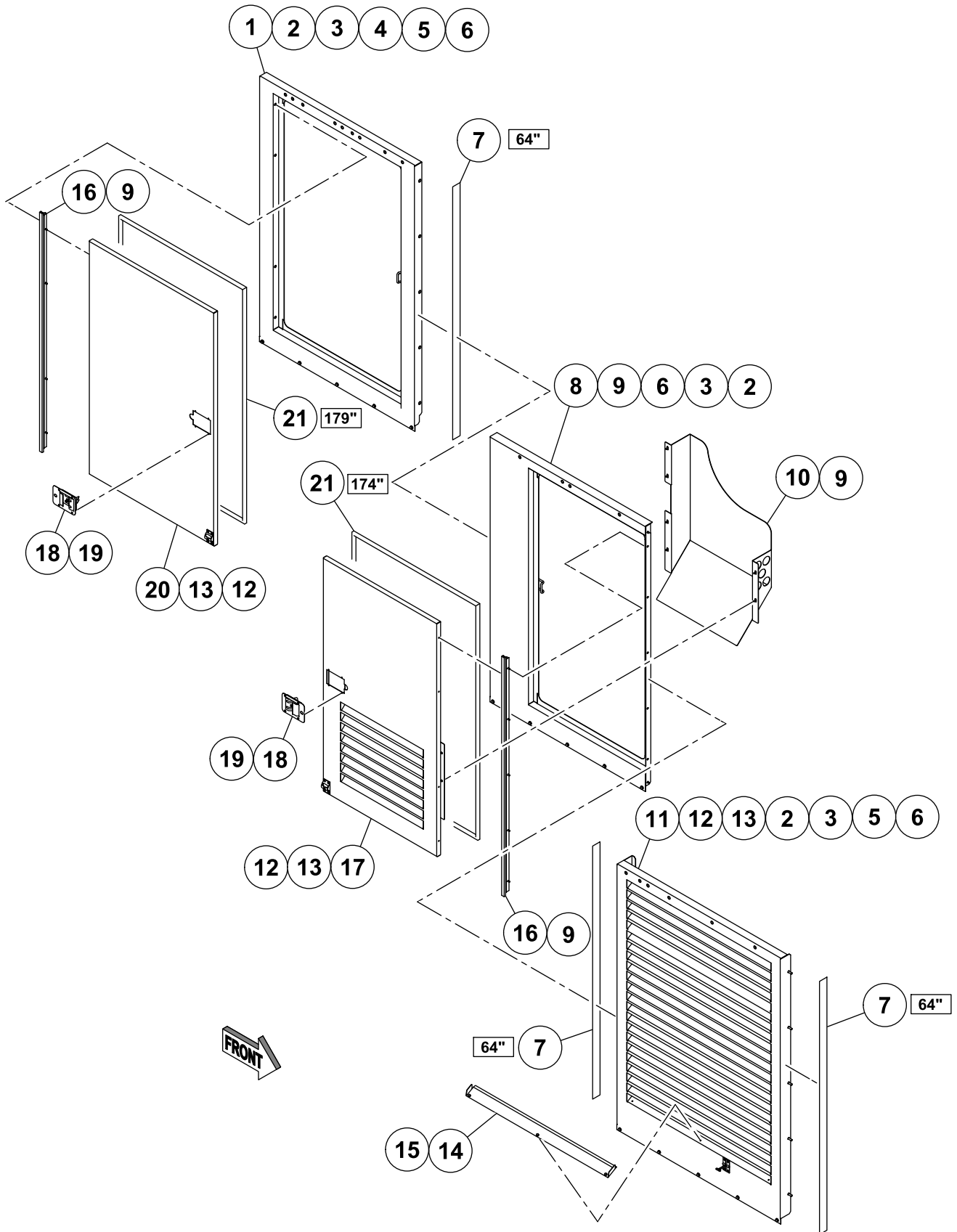
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	22617666	Seal, Rubber, 3 X 10 mm	192	Measured in Inches
2	46556378GA	Frame, Door Streetside Rear	1	
3	36895746	Nutsert, Hex, M08 - 1.25	30	
4	36889608	Screw, Flange, M08 - 1.25 X 25	15	
5	35144336	Screw, Hex, 5/16" - 18 X 75"	1	
6	36921344	Nutsert, Hex, M06 - 1.0	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



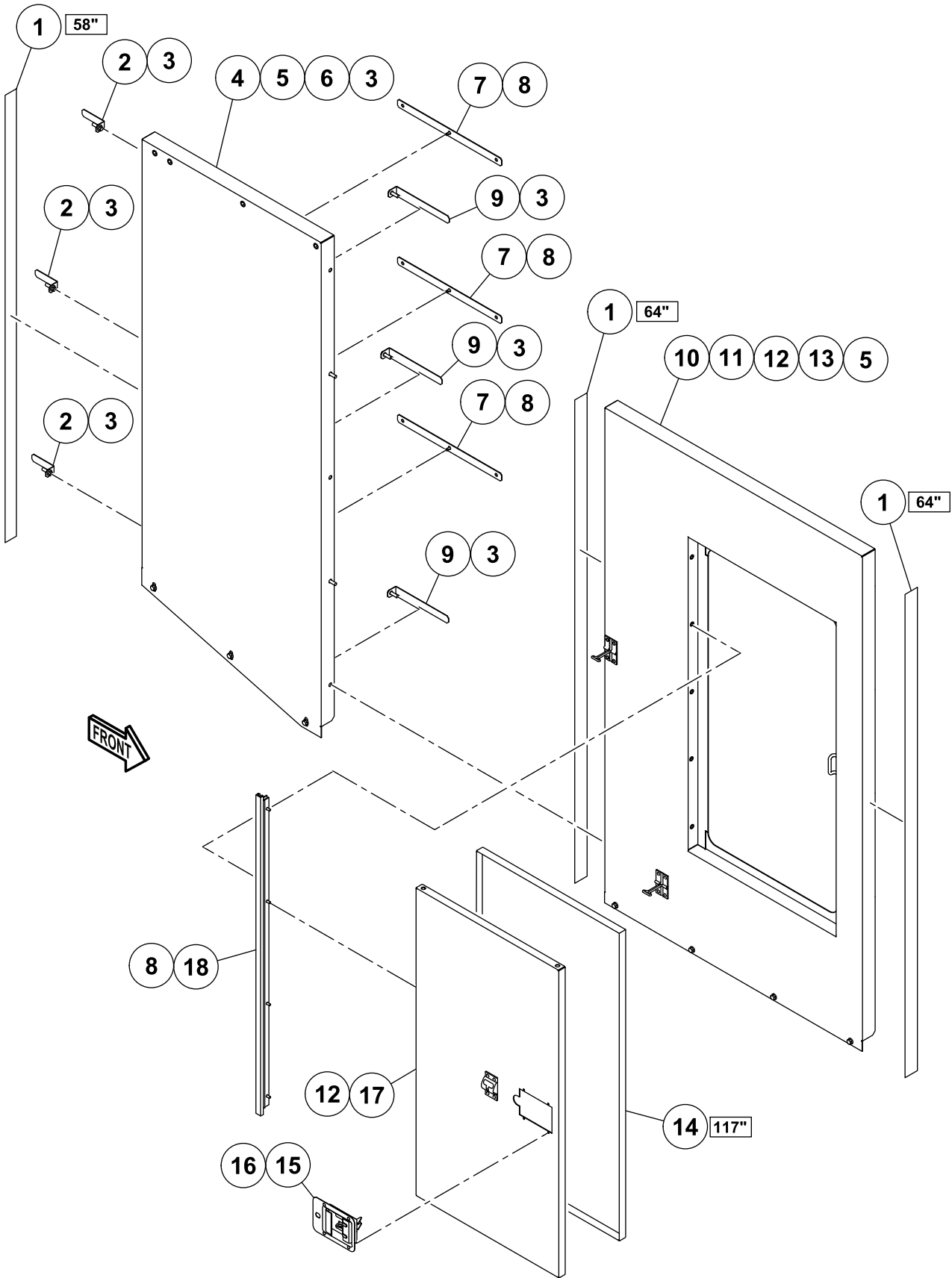
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	54718184	Strap, Foam Retention	3	
2	92368687	Screw, Tapping, M06 - 1.0 X 14	15	
3	46556397GA	Panel, Rear, Tandem, Streetside	1	
4	36895746	Nutsert, Hex, M08 - 1.25	18	
5	36889608	Screw, Flange, M08 - 1.25 X 25	18	
6	35144336	Screw, Hex, 5/16" - 18 X 75"	7	
7	46595139	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



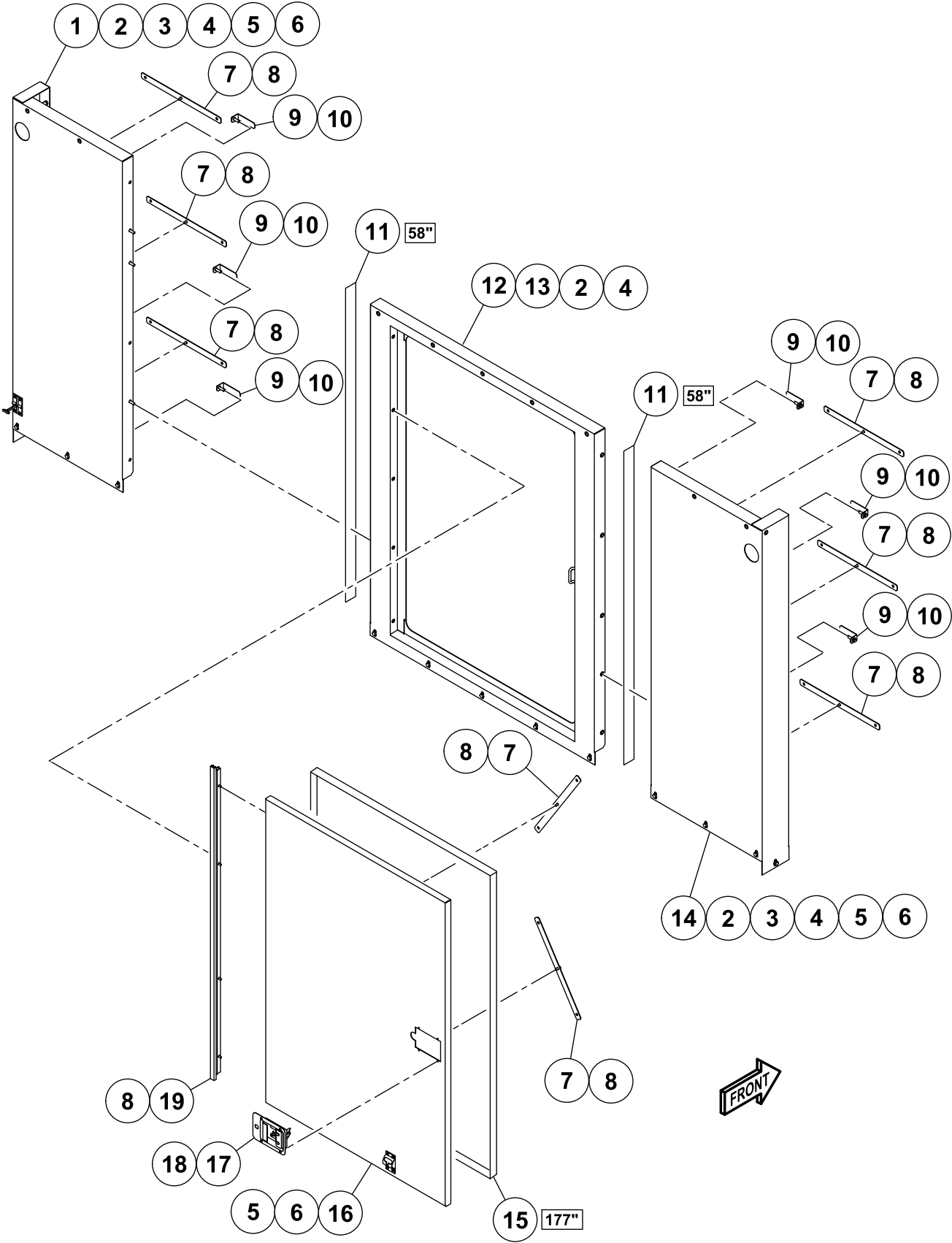
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46622963GA	Frame, Door Side	1	Measured in Inches
2	36895746	Nutsert, Hex, M08 - 1.25	25	
3	36889608	Screw, Flange, M08 - 1.25 X 25	15	
4	35144336	Screw, Hex, 5/16" - 18 X 75"	1	
5	36921344	Nutsert, Hex, M06 - 1.0	15	
6	35279025	Screw, Tapping, M08 - 1.25 X 20	24	
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	Use With 46663052GA Only
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	
	46574939GA	Door, Side	1	
18	36793602	Latch, Door	2	
19	36794816	Rivet, 0.187" Dia.	8	
20	46663101GA	Door, Side Access, Hinge, LH	1	Measured in Inches
21	36774495	Seal, Door	353	

Enclosure, Tandem, Curbside, Rear



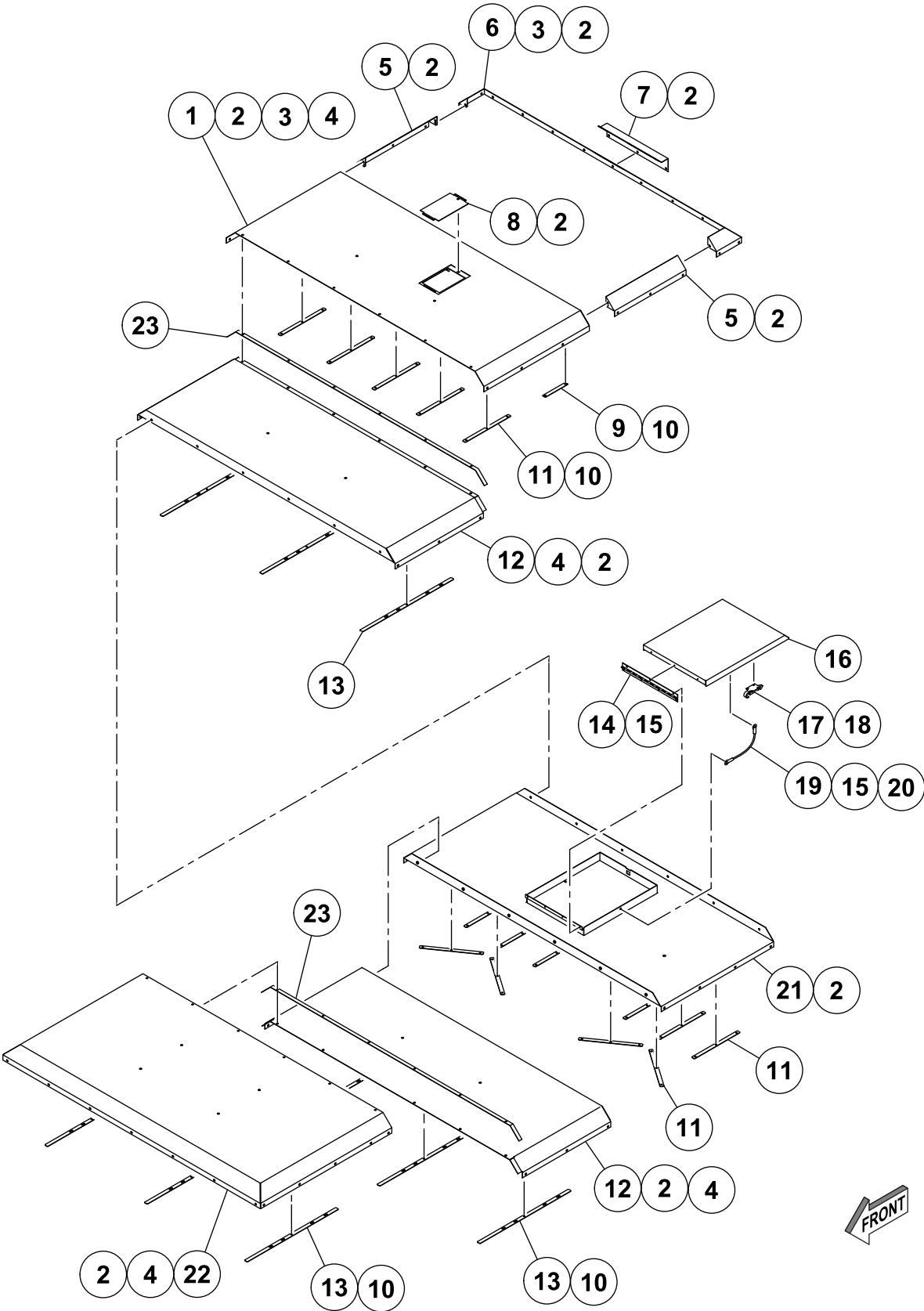
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	22617666	Seal, Rubber, 3 X 10 mm	186	Measured in Inches
2	46595139	Strap, Fiberglass Panel Retention, Short, 2"	3	
3	36889608	Screw, Flange, M08 - 1.25 X 25	18	
4	46556398GA	Panel, Rear, Tandem, Curbside	1	
5	36895746	Nutsert, Hex, M08 - 1.25	18	
6	35144336	Screw, 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



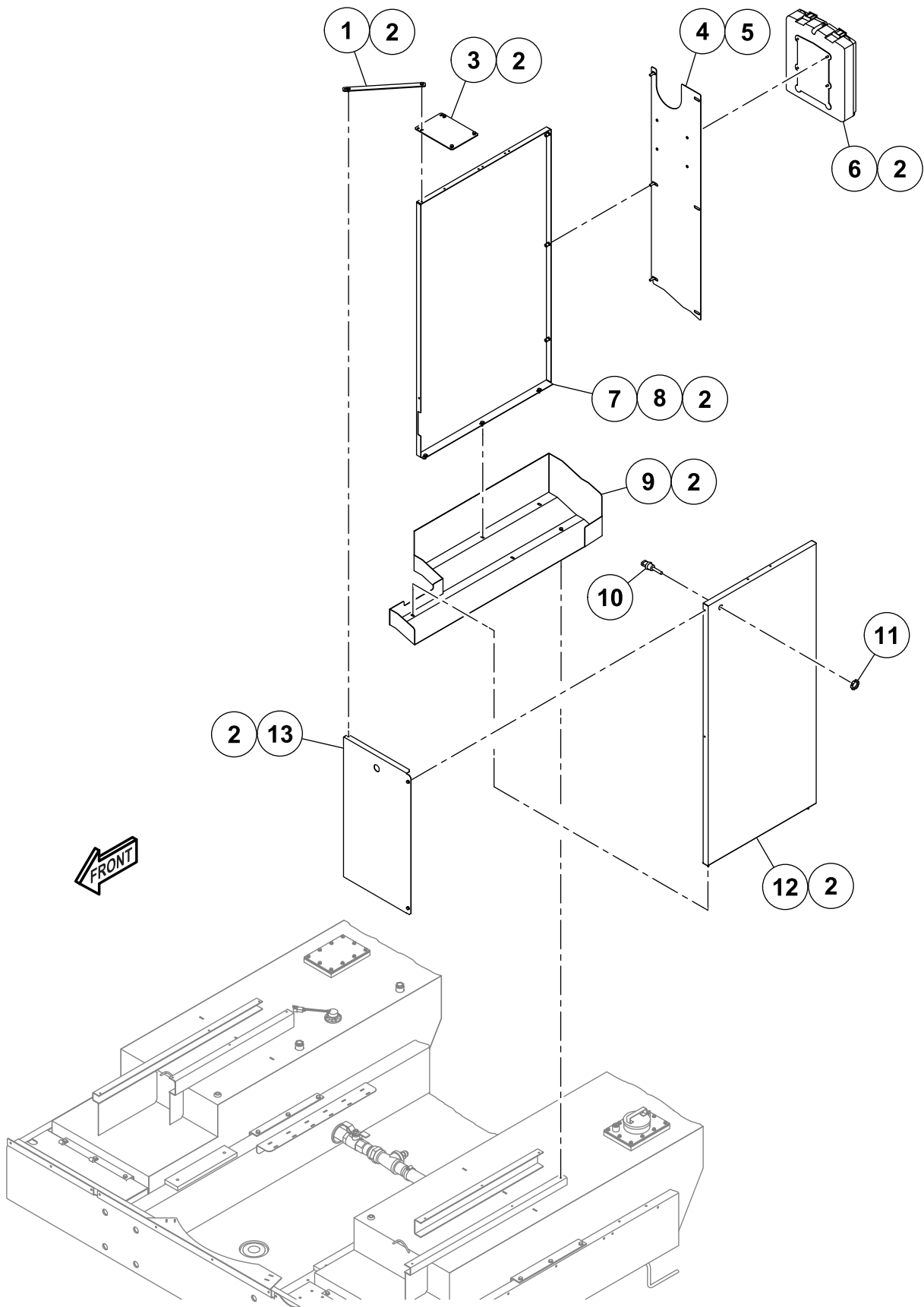
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46556382GA	Panel, Rear Corner, Tandem, Streetside	1	Measured in Inches
2	36895746	Nutsert, Hex, M08 - 1.25	33	
3	35144336	Screw, Flange, 5/16" - 18 X 75	2	
4	35279025	Screw, Tapping, M08 - 1.25 X 20	11	
5	36849925	Holder, Door, T-Latch 2.50	1	
6	36843282	Rivet, 0.19 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



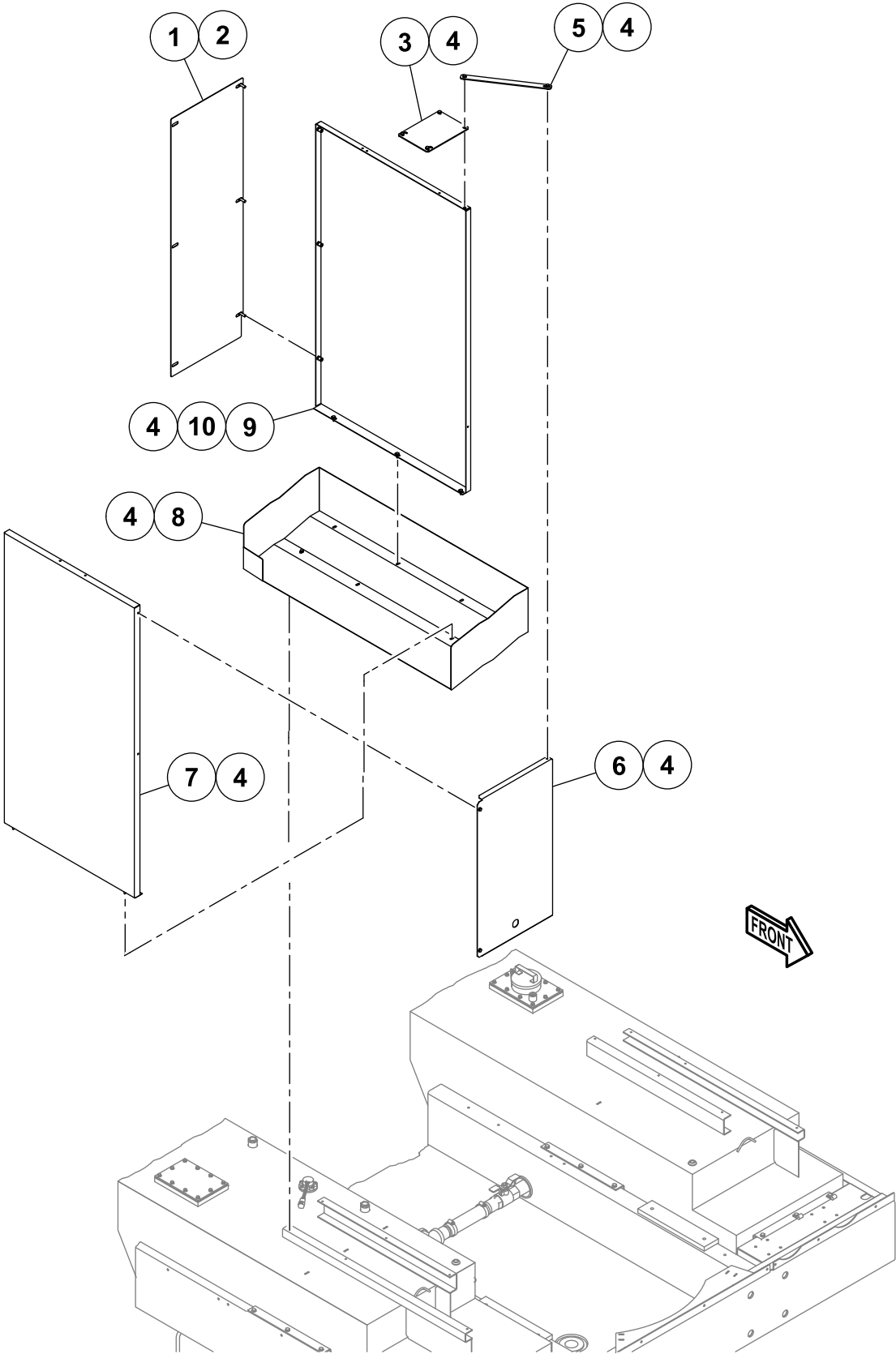
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46651000GA	Panel, Roof, Rear	1	
2	36889608	Screw, Flange, M08 - 1.25 X 25	34	
3	36895746	Nutsert, Hex, M08 - 1.25	3	
4	96702428	Screw, Hex, M10 - 1.5 X 45	10	
5	46622759GA	Rail, Roof Rear Side	2	
6	46556385GA	Rail, Roof Rear	1	
7	46556493GA	Bracket, Rear 3-light	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



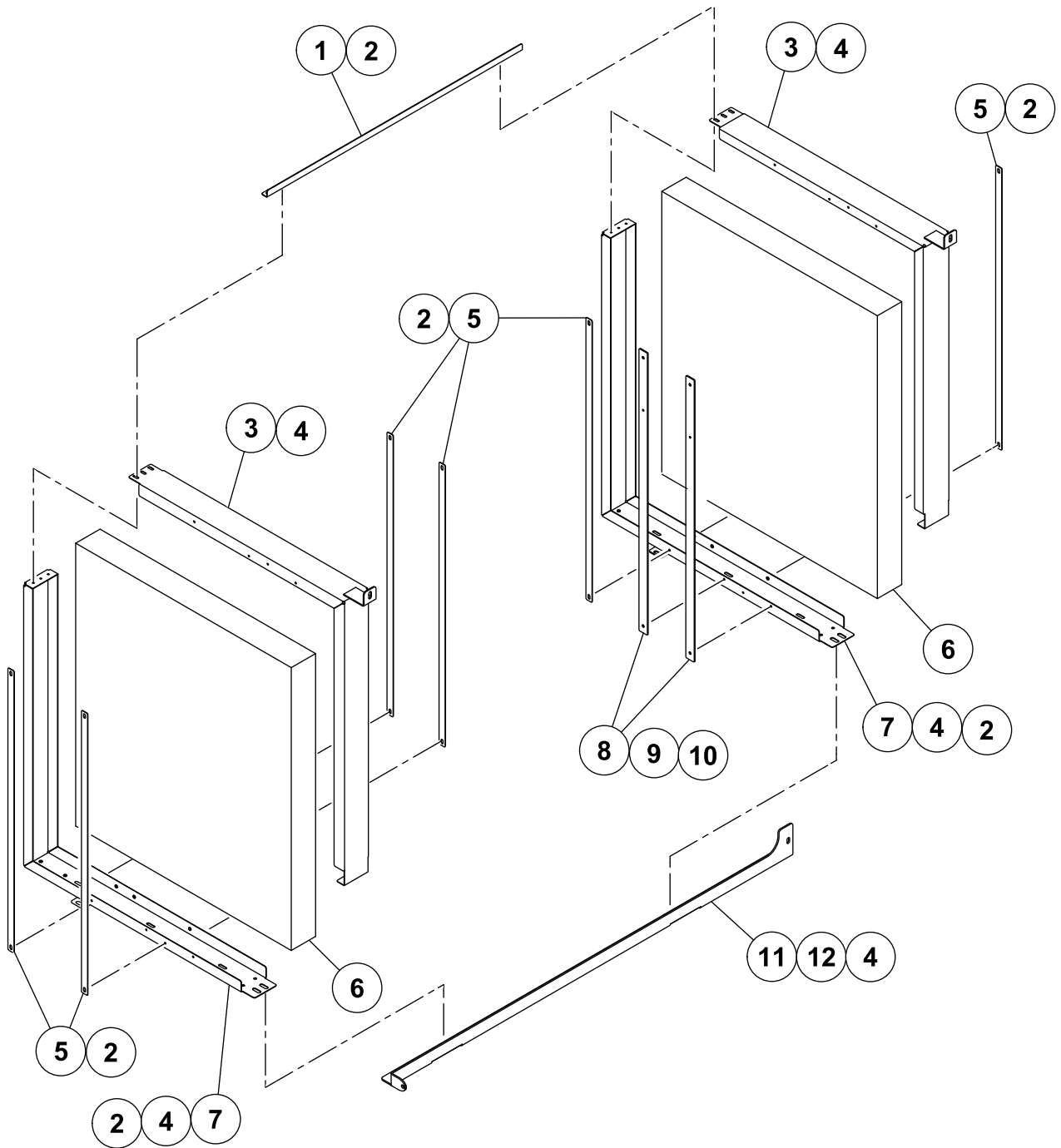
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46561060SB	Support, Front Baffle Leg	1	
2	92368687	Screw, Tapping, M06 - 1.0 X 14	17	
3	54641006SA	Support, Baffle	1	
4	46570202SB	Baffle, Drip Pan Access, Streetside	1	
5	36889608	Screw, Hex, M08 - 1.25 X 25	3	
6	22916019	Pouch, Literature	1	
7	46570201SB	Baffle, 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



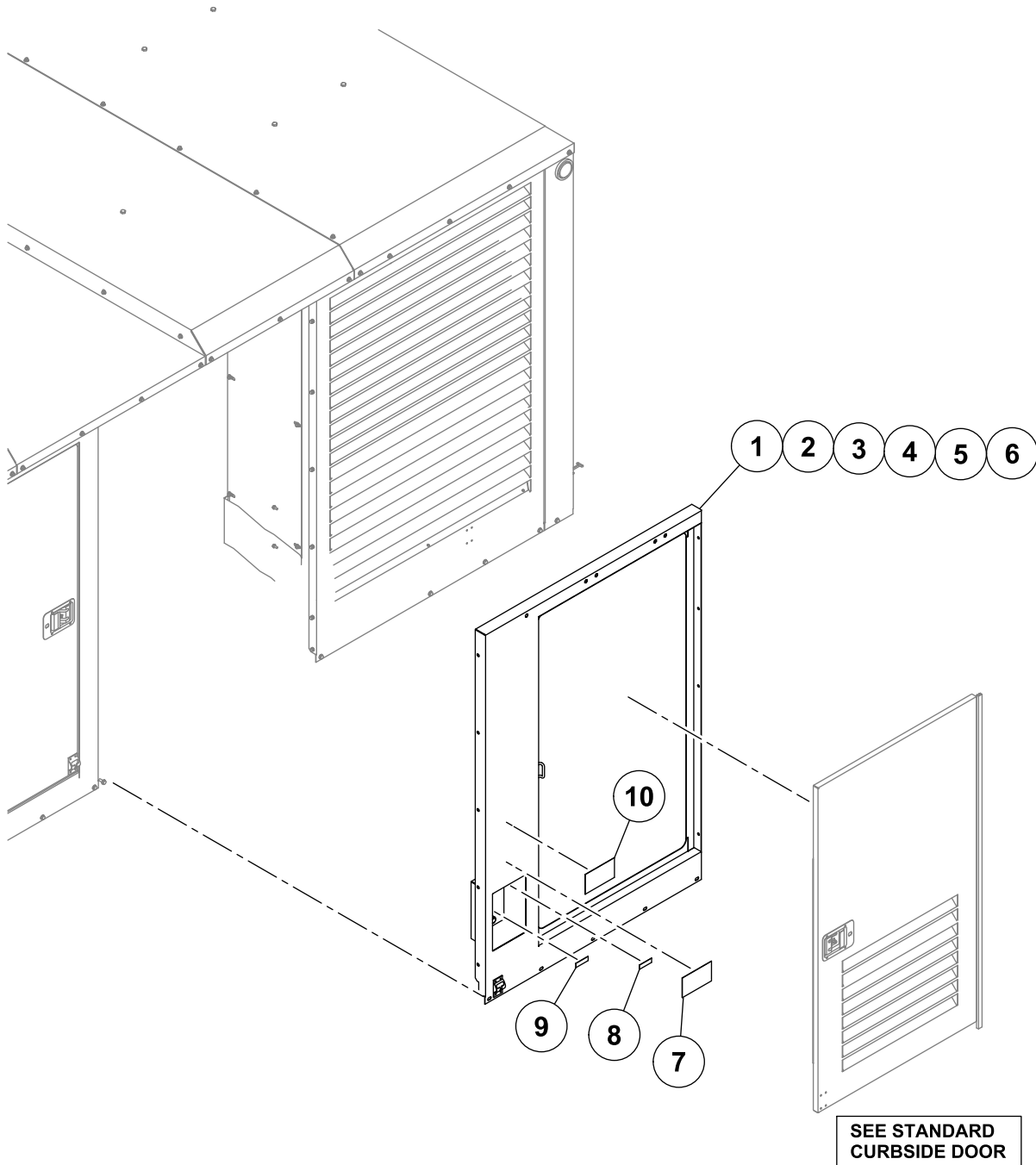
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46570200SB	Baffle, Drip Pan Access, Curbside	1	
2	36889608	Screw, Hex, M08 - 1.25 X 25	3	
3	54641006SA	Support, Baffle	1	
4	92368687	Screw, Tapping, M06 - 1.0 X 14	13	
5	46561060SB	Support, Front Baffle Leg	1	
6	46673235SB	Baffle, Front Inlet	1	
7	46567879SB	Baffle,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



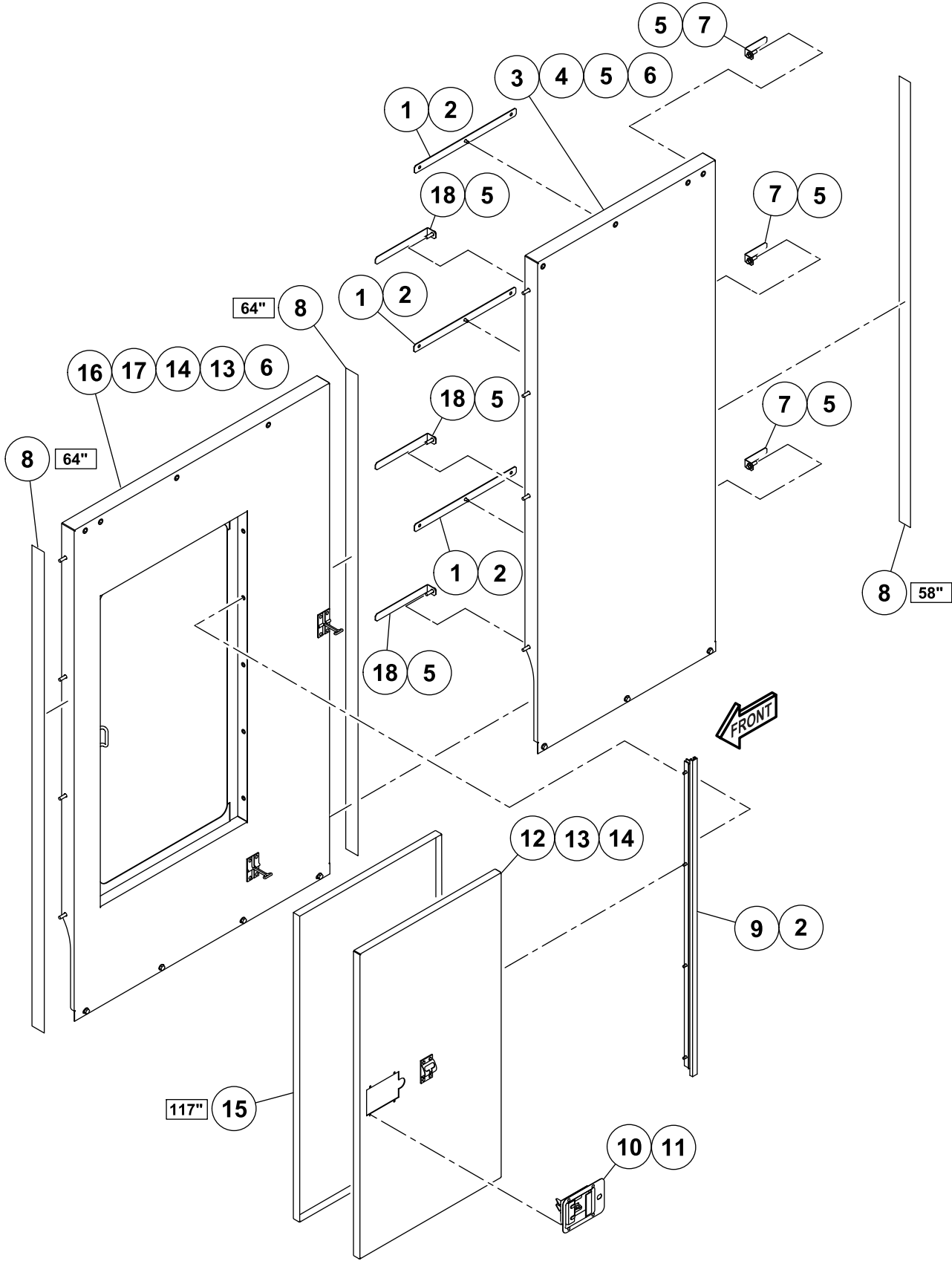
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46651321SB	Support, Baffle Angle	1	
2	36797652	Screw, Tapping, M06 - 1.0 X 12	22	
3	46649501GB	Channel, Acoustic, Top Splitter, 4"	2	
4	36889608	Screw, Hex, M08 - 1.25 X 25	8	
5	46598639	Strap, Exhaust Plenum Baffle	6	
6	46645679	Fiberglass, Acoustic Splitter, 4"	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,



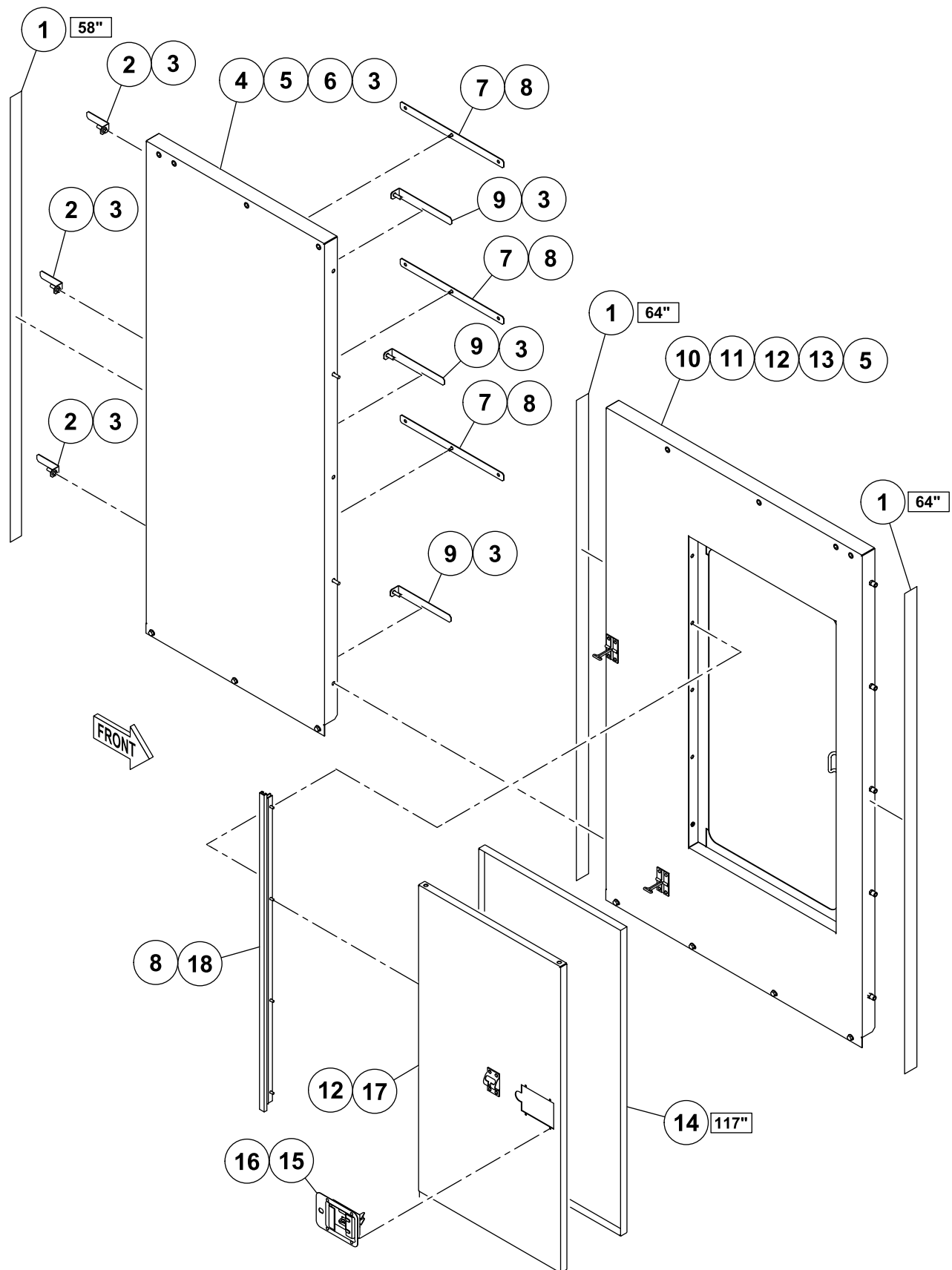
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46622969GA	Frame, Front Remote Fuel Door, Curbside	1	
2	96727193	Screw, Hex, M08 - 1.25 X 20	5	
3	35279025	Screw, Tapping, M08 - 1.25 X 20	5	
4	36921344	Nutsert, Hex, M06 - 1.0	5	
5	36849925	Holder, Door, T-Latch 2 - 1/2"	1	
6	36843282	Rivet, 3/16" Dia., ID	8	
7	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



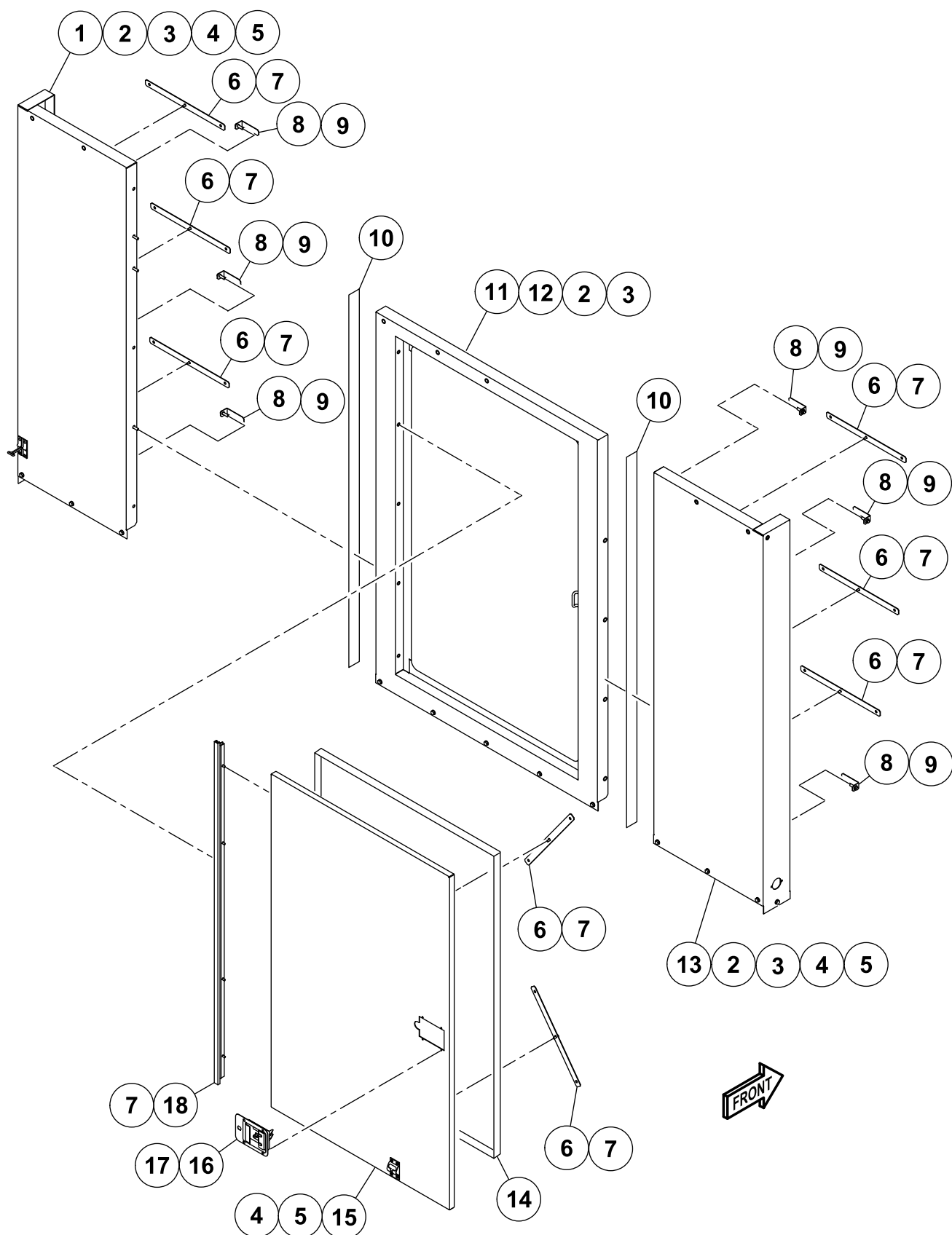
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	54718184	Strap, Foam Retention	3	
2	92368687	Screw, Tapping, M06 - 1.0 X 14	15	
3	46588919GA	Panel, Rear, Streetside	1	
4	36895746	Nutsert, Hex, M08 - 1.25	18	
5	36889608	Screw, Flange, M08 - 1.25 X 25	18	
6	35144336	Screw, Hex, 5/16" - 18 X 75"	7	
7	46595139	Strap, 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



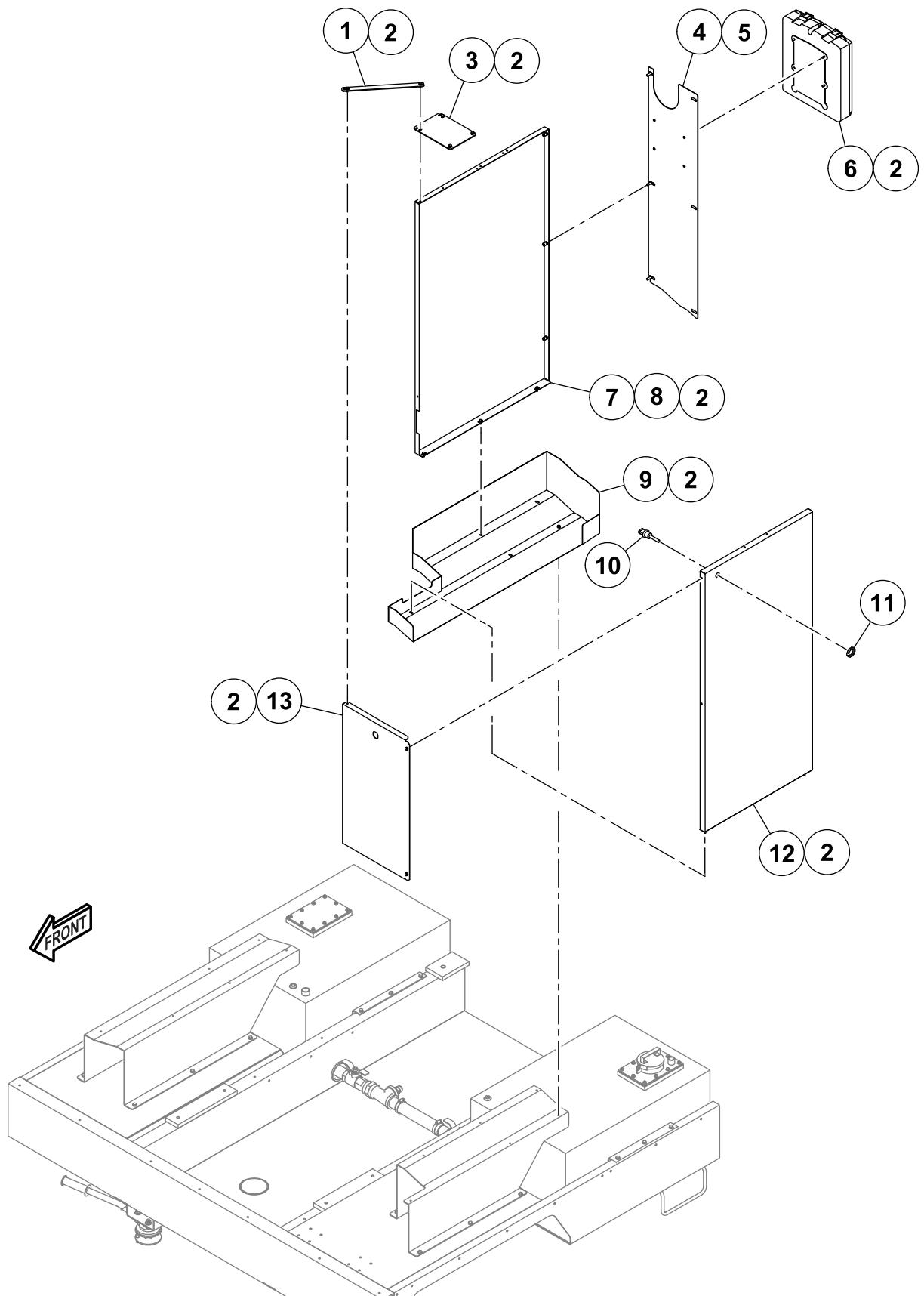
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	22617666	Seal, Rubber, 3 X 10 mm	186	Measured in Inches
2	46595139	Strap, Fiberglass Panel Retention, Short, 2"	3	
3	36889608	Screw, Flange, M08 - 1.25 X 25	18	
4	46562044GA	Panel, Rear, Curbside	1	
5	36895746	Nutsert, Hex, M08 - 1.25	18	
6	35144336	Screw, Hex, 5/16" - 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



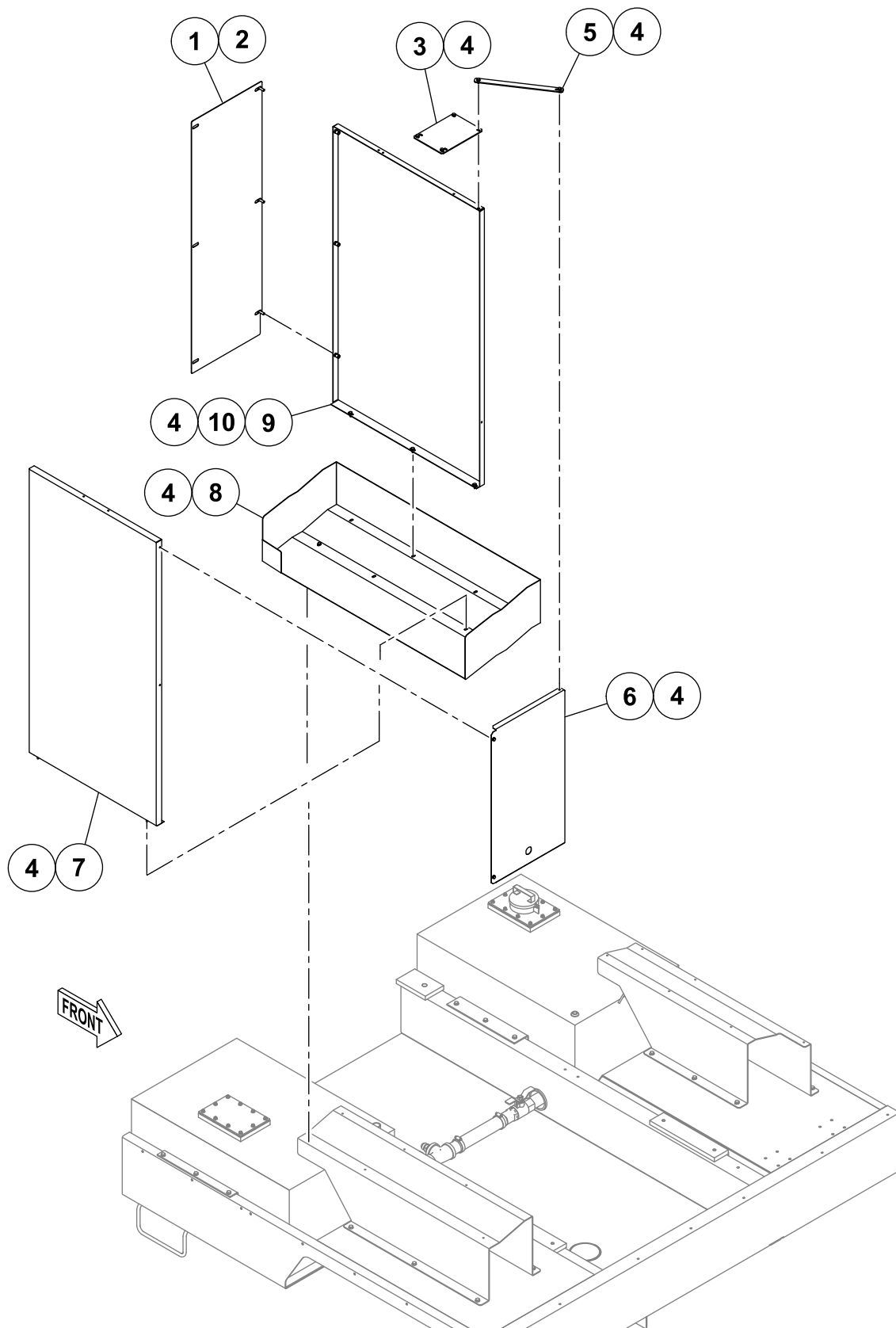
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46562054GA	Panel, Rear Corner, Streetside	1	
2	36895746	Nutsert, Hex, M08 - 1.25	33	
3	35279025	Screw, Tapping, M08 - 1.25 X 20	13	
4	36849925	Holder, Door, T-Latch 2.50	1	
5	36843282	Rivet, 0.19 Dia. ID	8	
6	54718184	Strap, Foam Retention	8	
7	92368687	Screw, Tapping, 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,



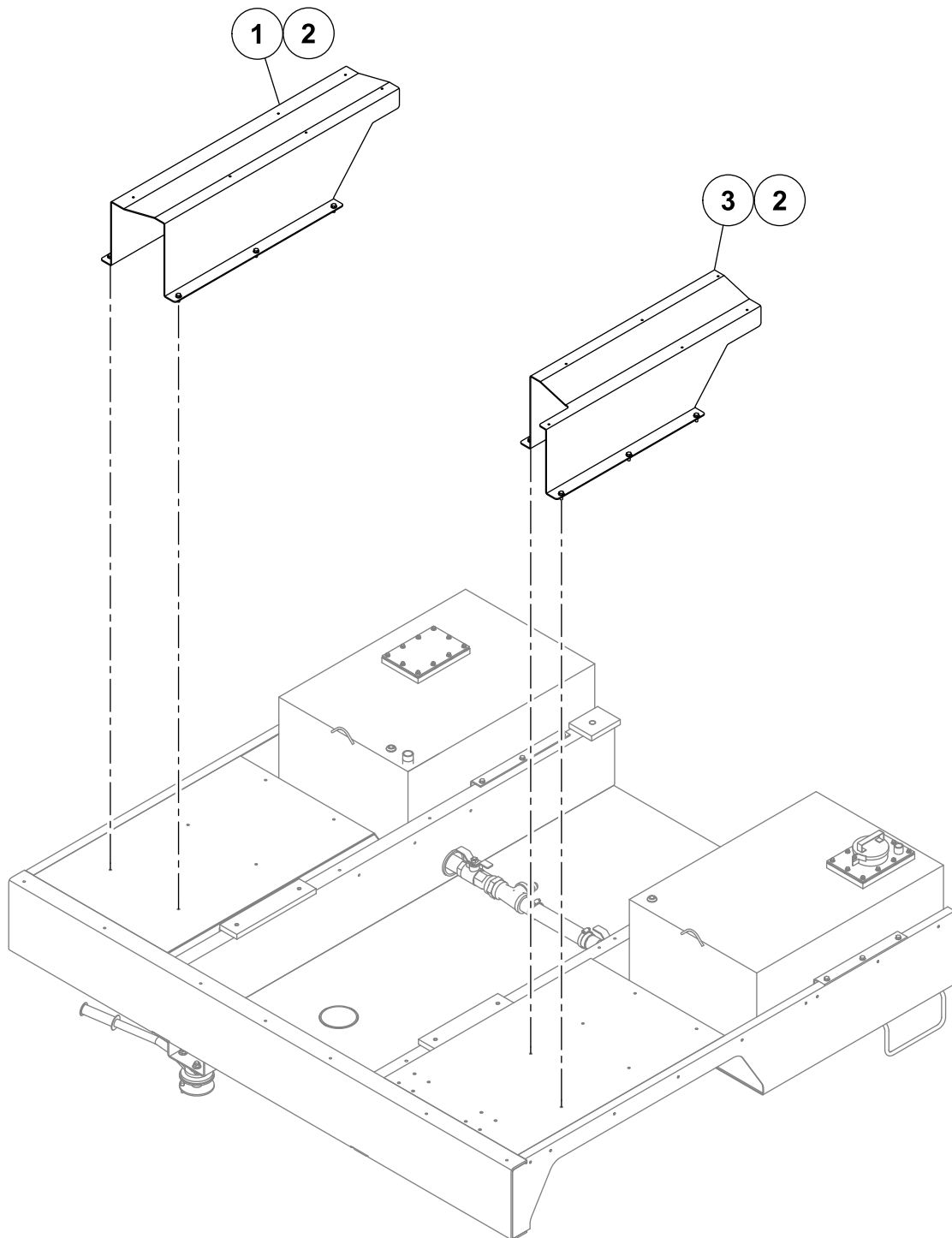
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46561060SB	Support, Front Baffle Leg	1	
2	92368687	Screw, Tapping, M06 - 1.0 X 14	17	
3	54641006SA	Support, Baffle	1	
4	46570202SB	Baffle, Drip Pan Access, Streetside	1	
5	36889608	Screw, Hex, M08 - 1.25 X 25	3	
6	22916019	Pouch, Literature	1	
7	46570201SB	Baffle, 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

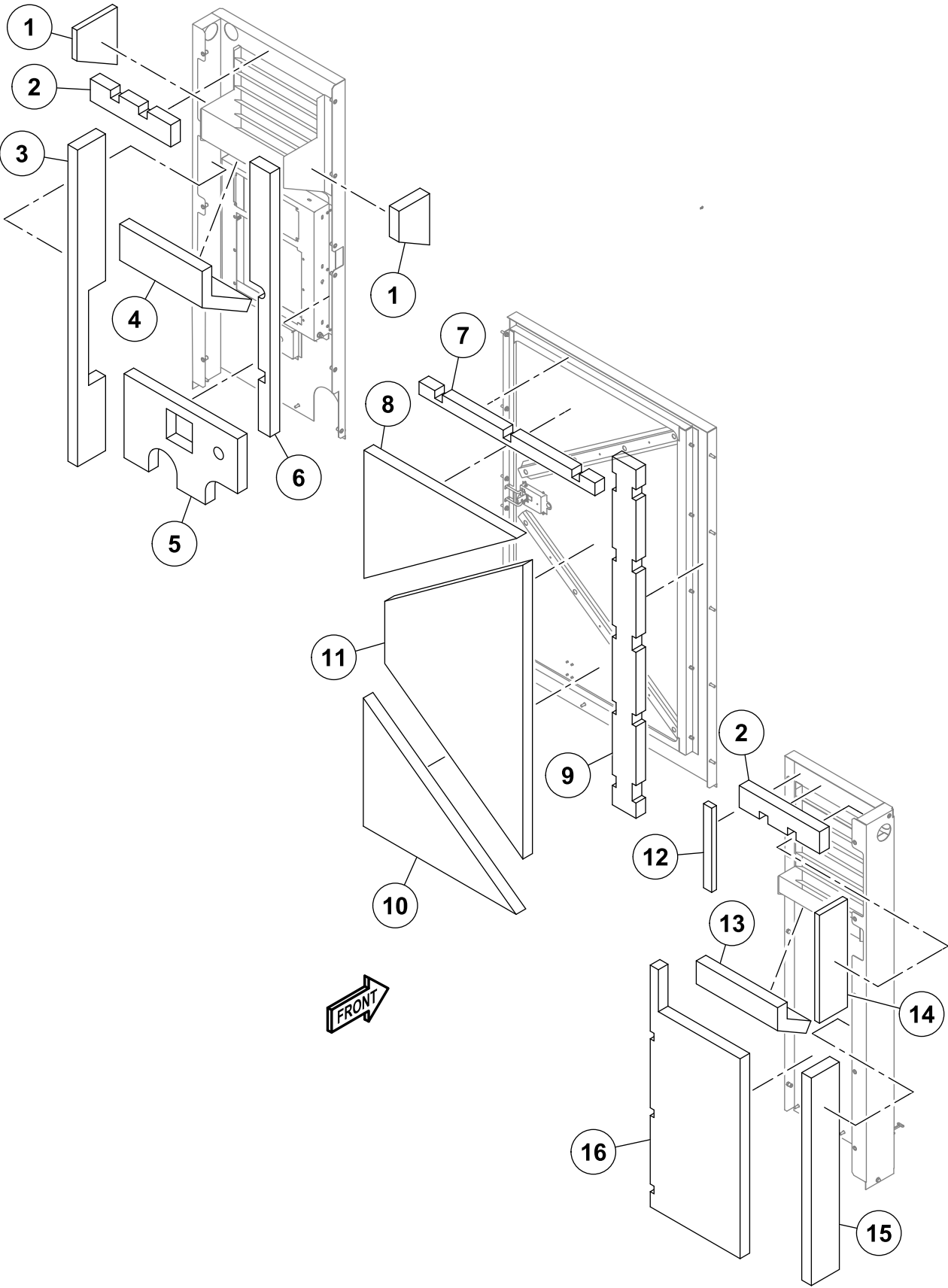


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46570200SB	Baffle, Drip Pan Access, Curbside	1	
2	36889608	Screw, Hex, M08 - 1.25 X 25	3	
3	54641006SA	Support, Baffle	1	
4	92368687	Screw, Tapping, M06 - 1.0 X 14	13	
5	46561060SB	Support, Front Baffle Leg	1	
6	46673235SB	Baffle, Front Inlet	1	
7	46567879SB	Baffle,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

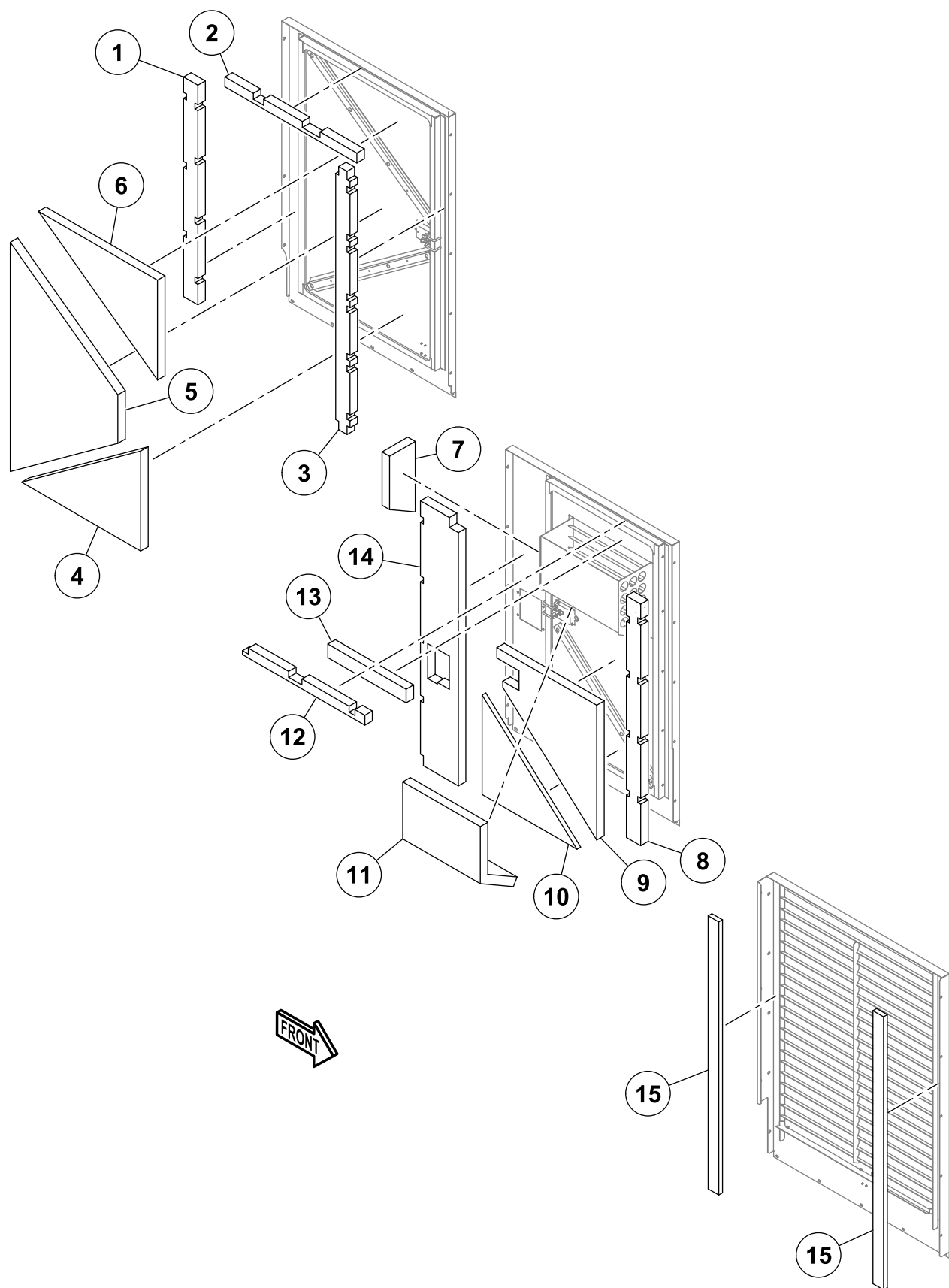


Acoustic Panels, Front



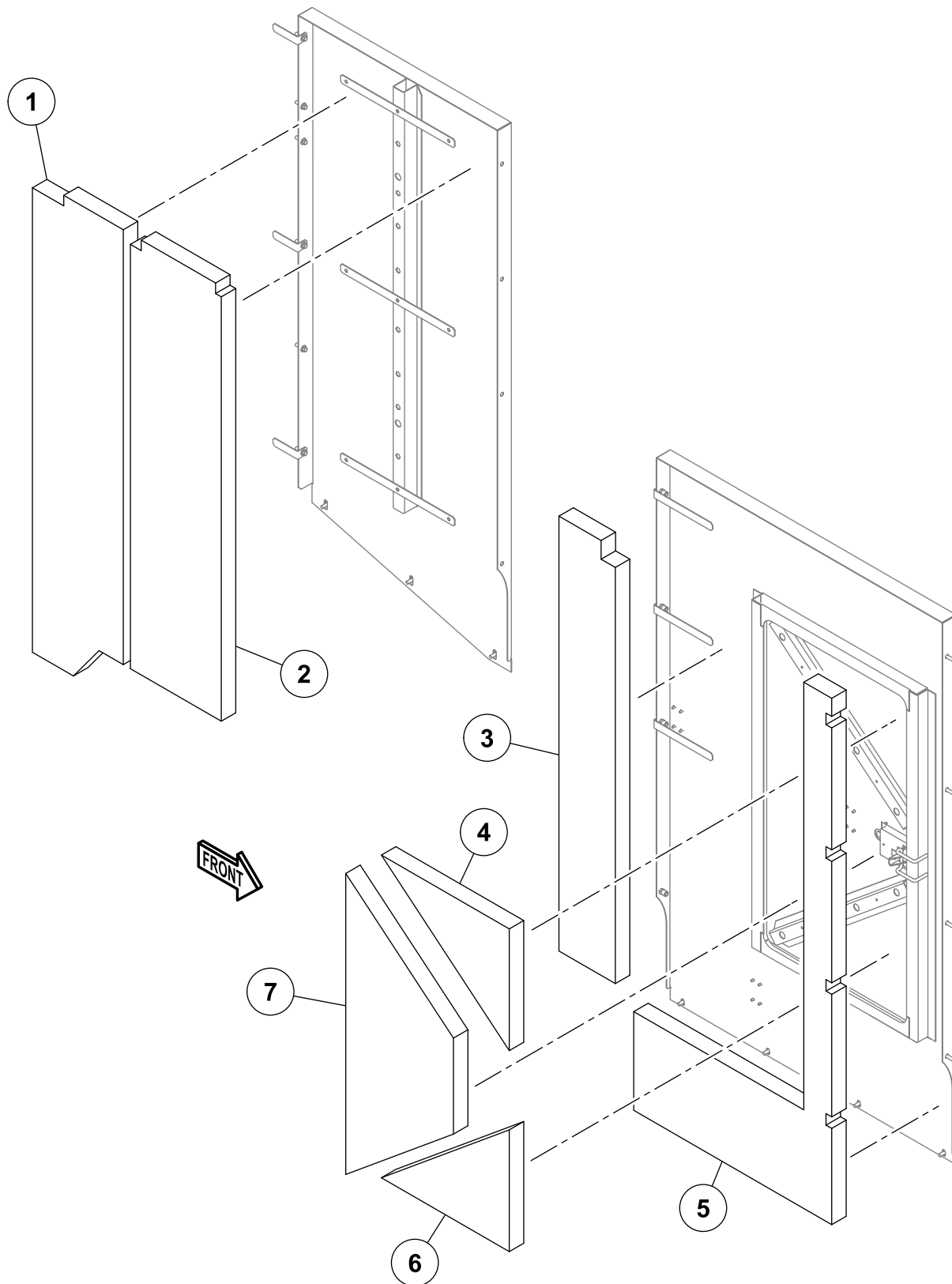
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46576463	Panel, Front Corner Louver Box Side Outer Acoustic SS	1	
2	46576459	Panel, Front Corner Top Acoustic	2	
3	46576480	Panel, Front Corner Acoustic SS	1	
4	46576461	Panel, Front Corner Louver Box Rear Acoustic SS	1	
5	46576479	Panel, Front Corner Lower Acoustic 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



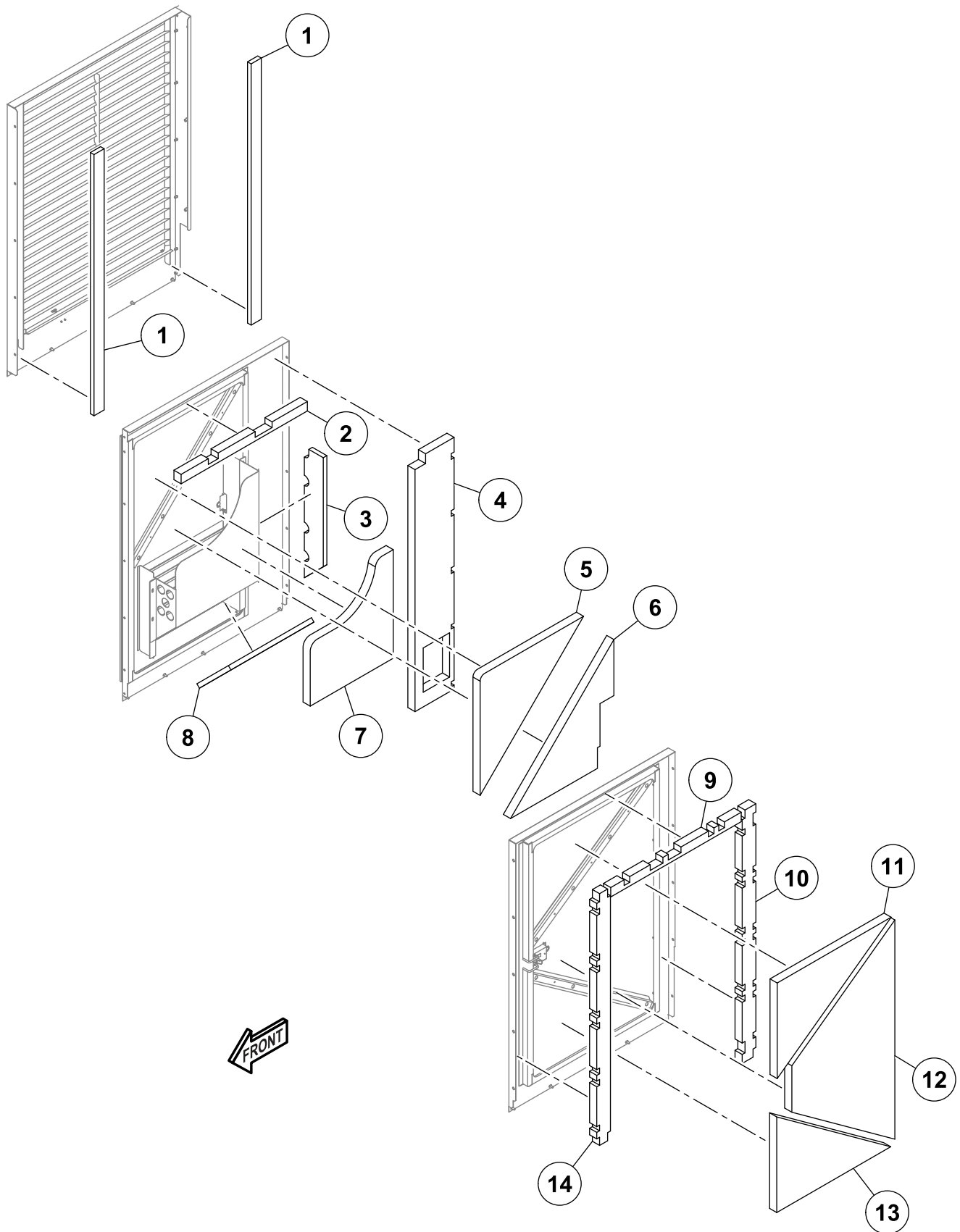
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46574421	Panel, Acoustic Rear Door Frame SS 2"	1	
2	46574422	Panel, Acoustic Top Rear Door Frame SS 2"	1	
3	46574427	Panel, Acoustic Rear and Front Door Frame Side SS 2"	1	
4	46574426	Panel, Acoustic Door Bottom 2"	1	
5	46574425	Panel, Acoustic Mid Door 2"	1	
6	46574424	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



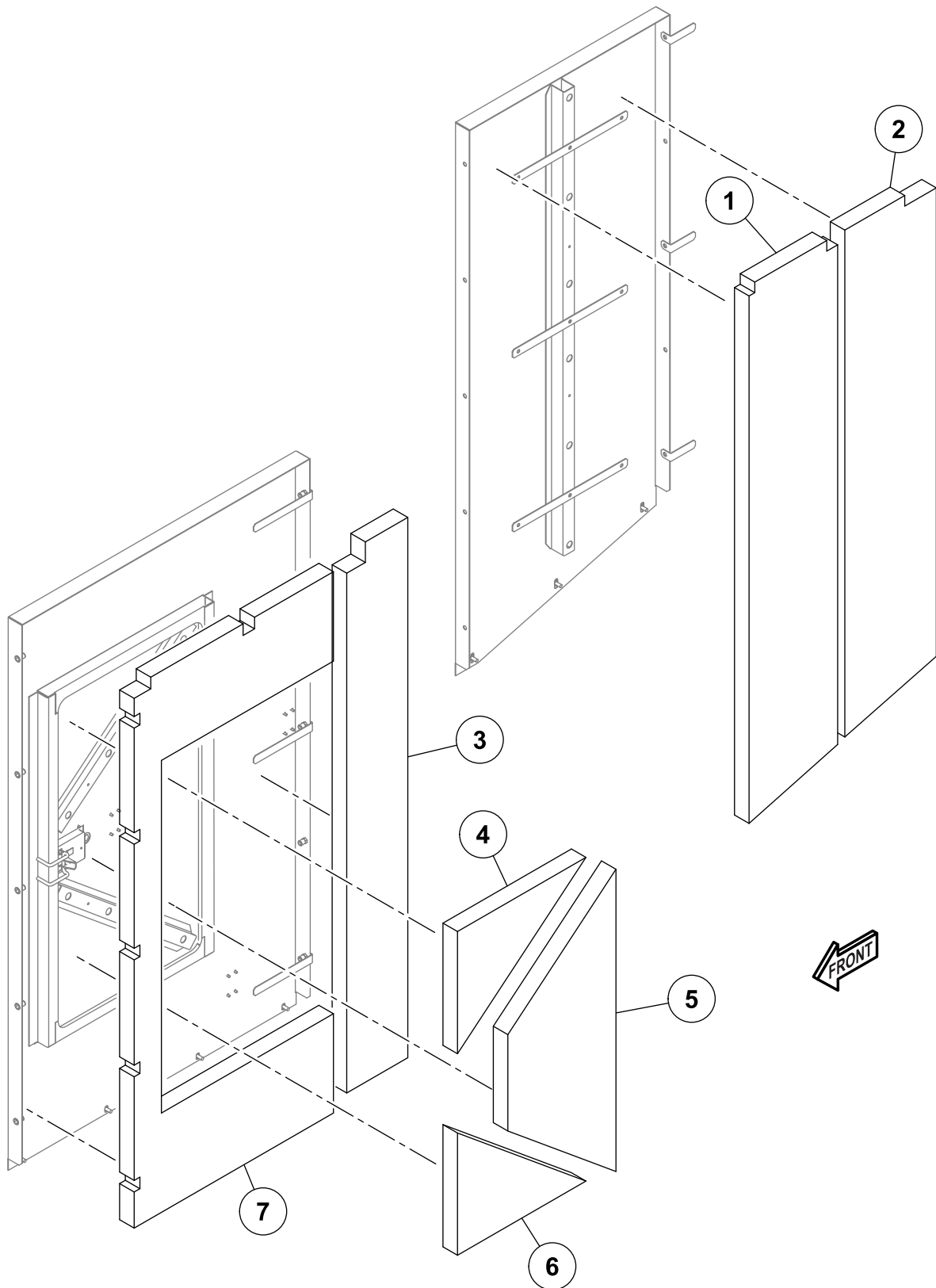
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46595023	Panel, Fiberglass, Exhaust Plenum Aft SS	1	
2	46595022	Panel, Fiberglass, Exhaust Plenum Fwd SS	1	
3	46595024	Panel, Cooler Access Panel Aft Acoustic SS	1	
4	46574501	Panel, Acoustic Cooler Side Access Door 2"	1	
5	46651748	Panel, Door Frm Cooler Access 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, Curbside

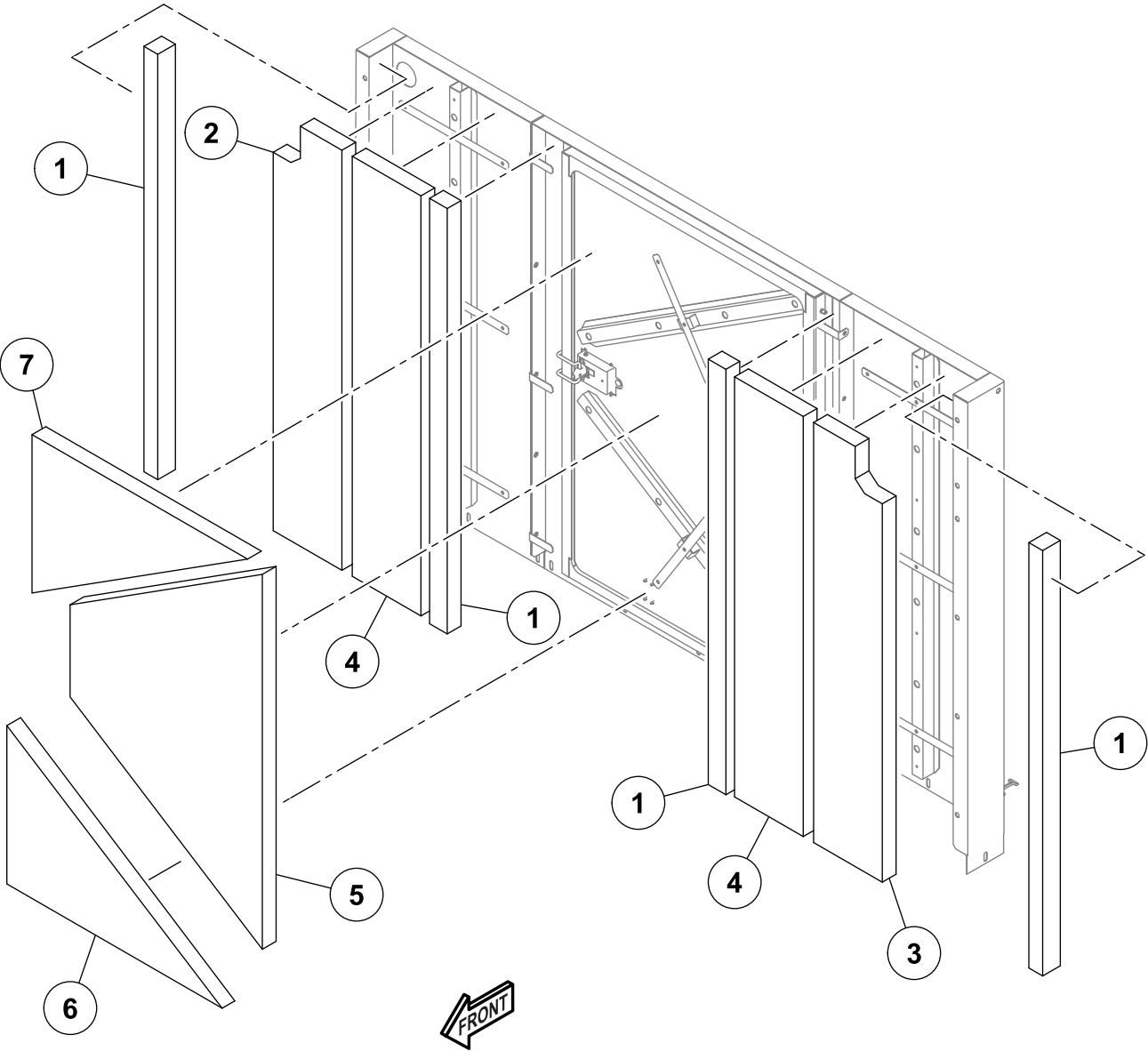


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46574449	Panel, Acoustic Louver Side SS 1"	2	
2	46574422	Panel, Acoustic Top Rear Door Frame SS 2"	1	
3	46663164	Foam, Acoustic, Louver Box Side, 1"	1	
4	46579823	Panel, Acoustic, Side Door Frame Remote Fuel, 2"	1	
5	46663177	Panel, Acoustic, Door Top, 2"	1	Use With Door 46663052GA
6	46663178	Panel, Acoustic, Door Center, 2"	1	Use With Door 46663052GA
	46579819	Panel, Acoustic, Door Top, 2"	1	Use With Door 46574939GA
	46663178	Panel, Acoustic, Door Center, 2"	1	Use With Door 46574939GA
	46663178	Panel, Acoustic, Door Bottom, 2"	1	Use With Door 46574939GA
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	

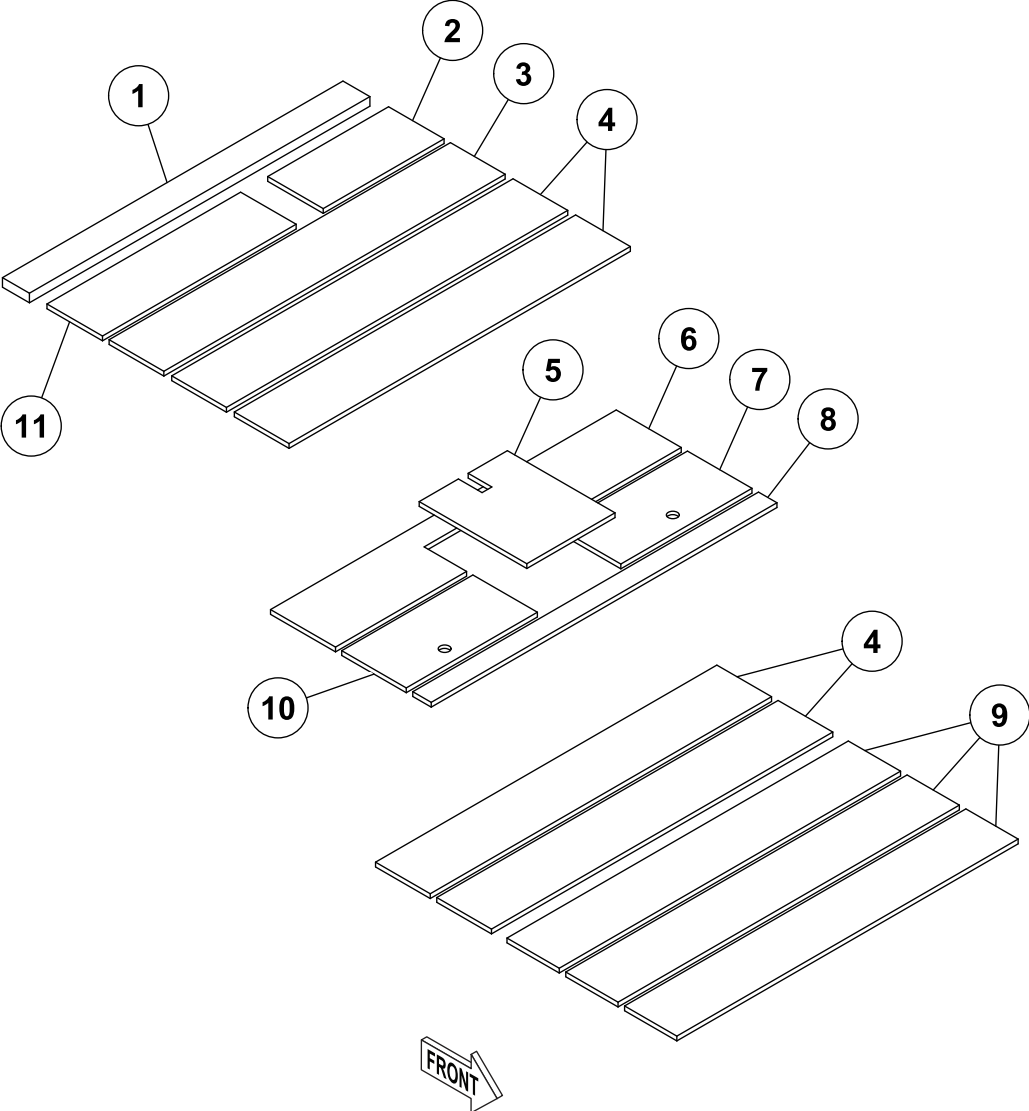
Acoustic Panels, Tandem, Curbside, Rear



Acoustic Panels, Tandem, Rear

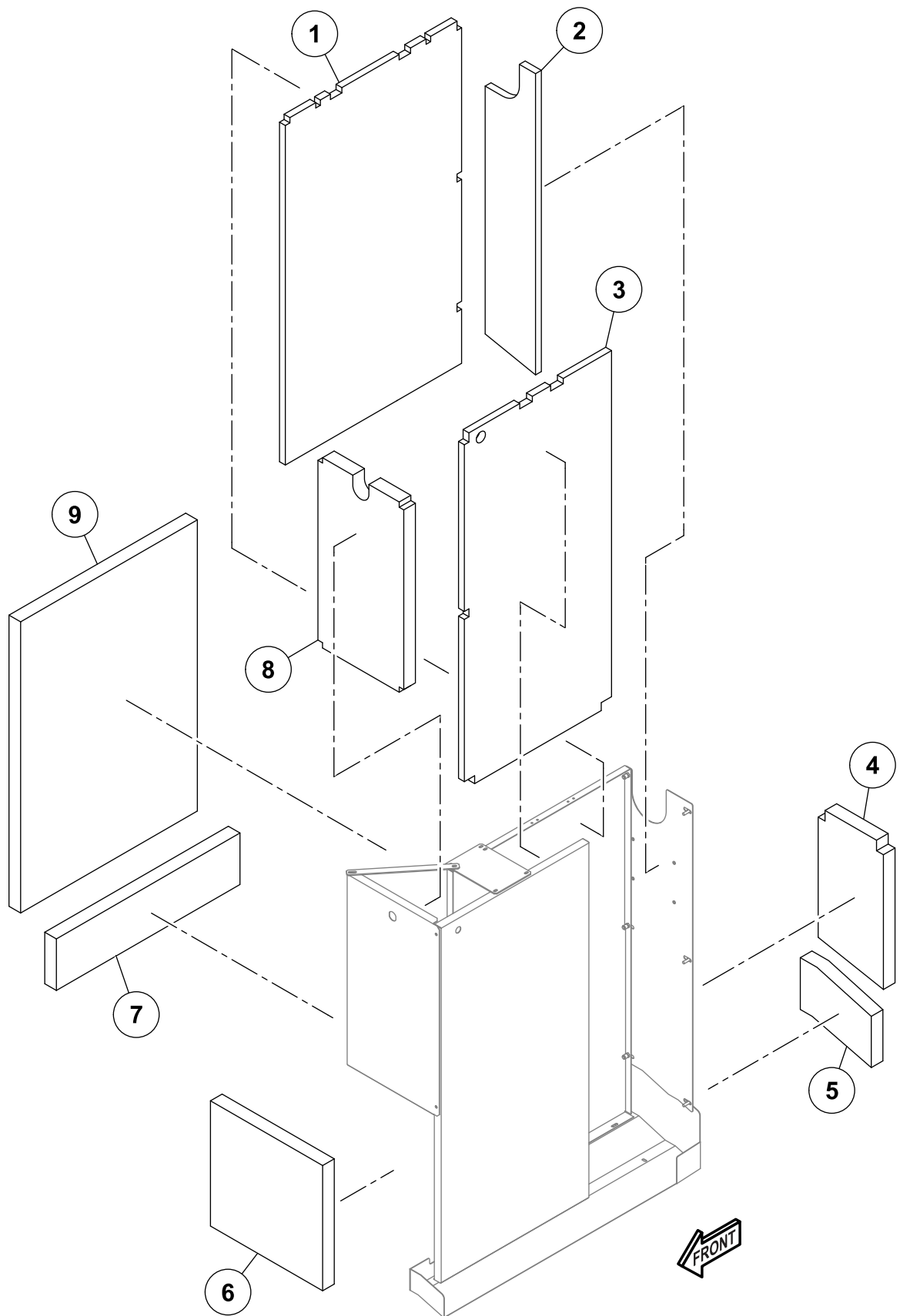


Acoustic Panels, Top



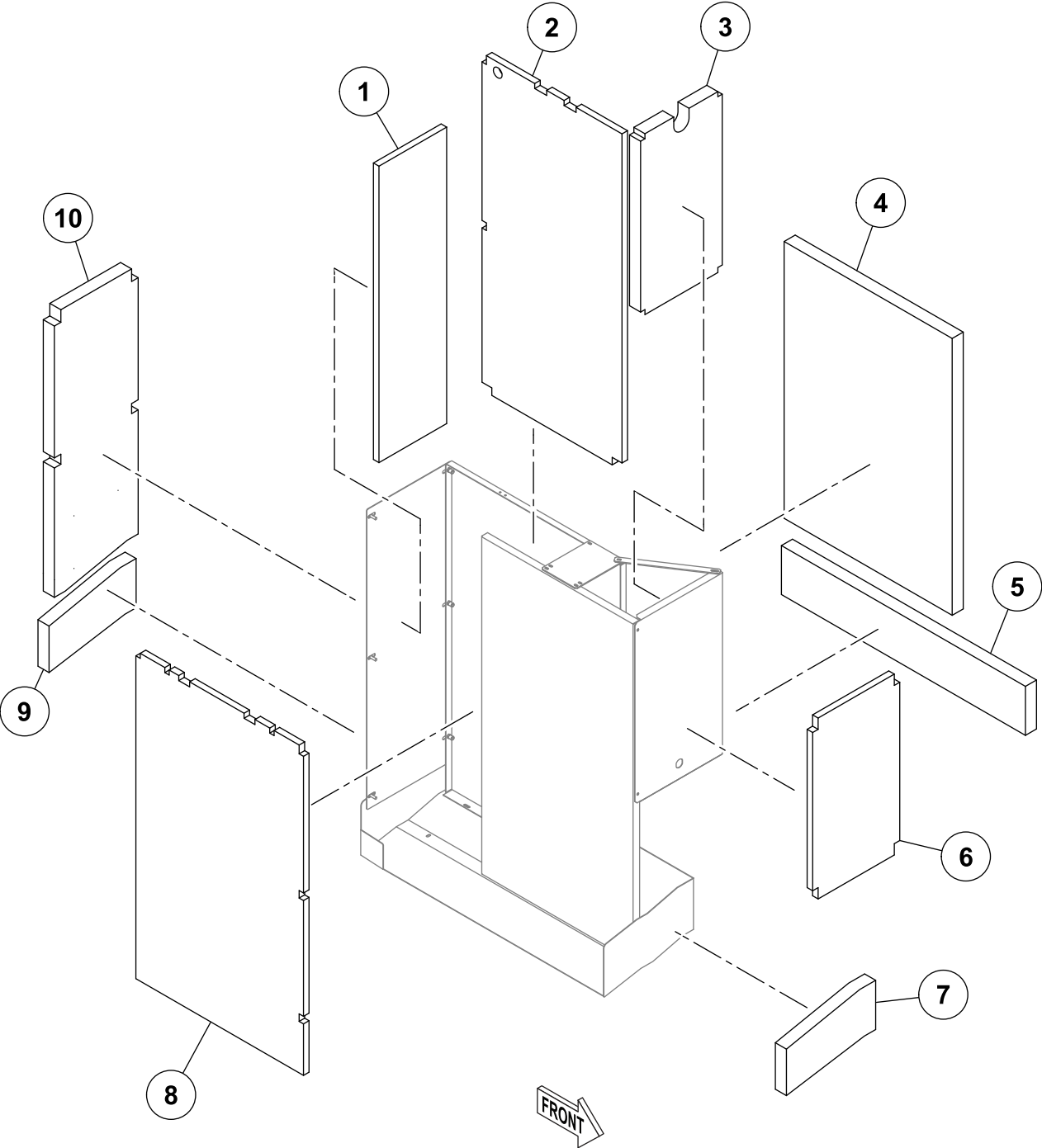
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46602539	Panel, Fbrgl Rear Roof Extension 2"	1	
2	46574101	Panel, Acoustic Rear Roof	1	
3	46622920	Panel, Acoustic Rear Roof SS 1"	1	
4	46574100	Panel, Acoustic Rear Roof 1"	4	
5	46574119	Panel, Acoustic Door Hatch 1"	1	
6	46574103	Panel, Acoustic Mid Roof 1"	1	
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



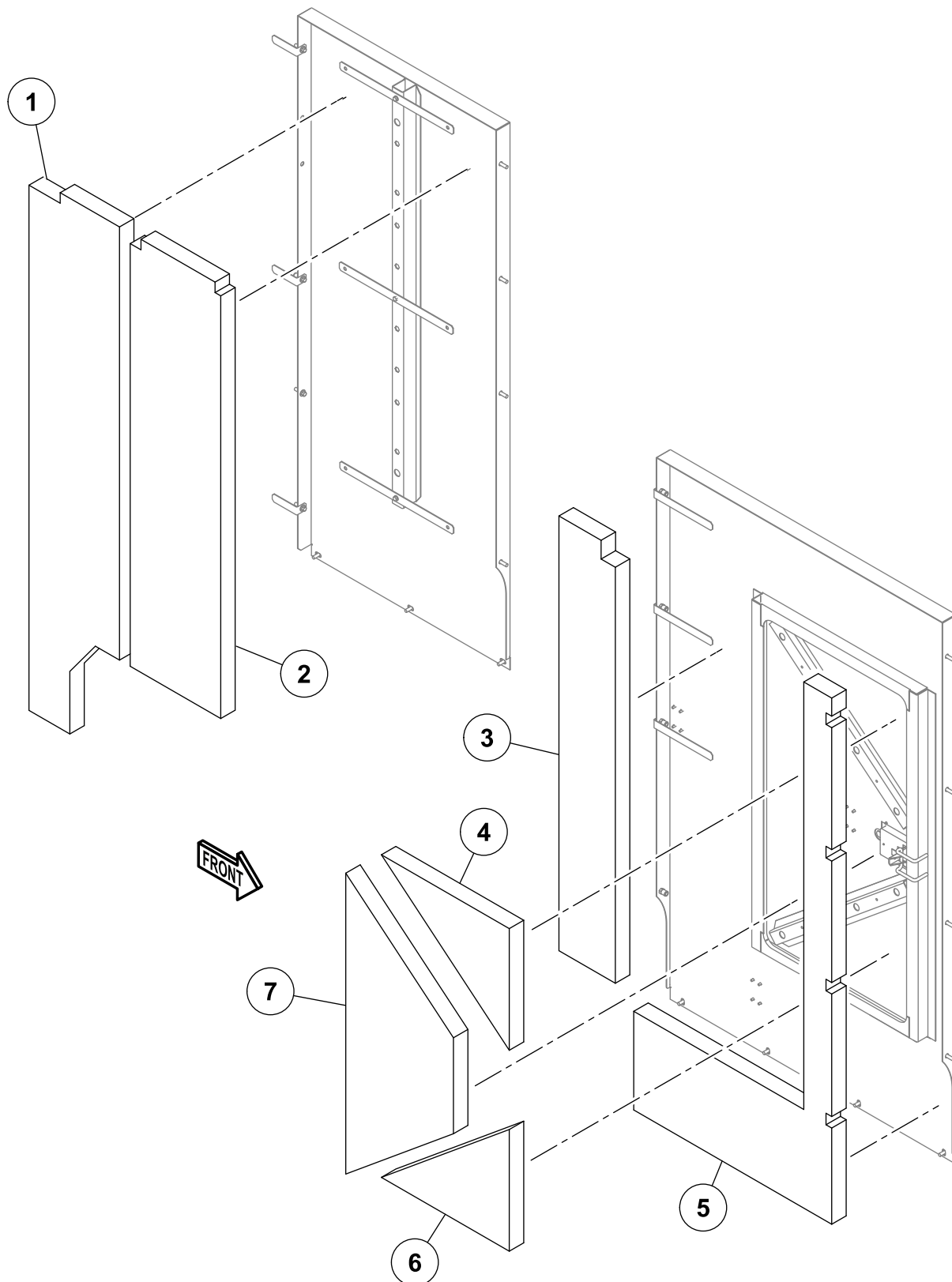
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46574482	Panel, Acoustic Inner Inlet Baffle 1"	1	
2	46574480	Panel, Acoustic Drip Pan Access Interior Side SS 1"	1	
3	46574483	Panel, Acoustic Outer Inlet Baffle 1"	1	
4	46574479	Panel, Acoustic Drip Pan Exterior Side Access SS 2"	1	
5	46574485	Panel, Acoustic Drip 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



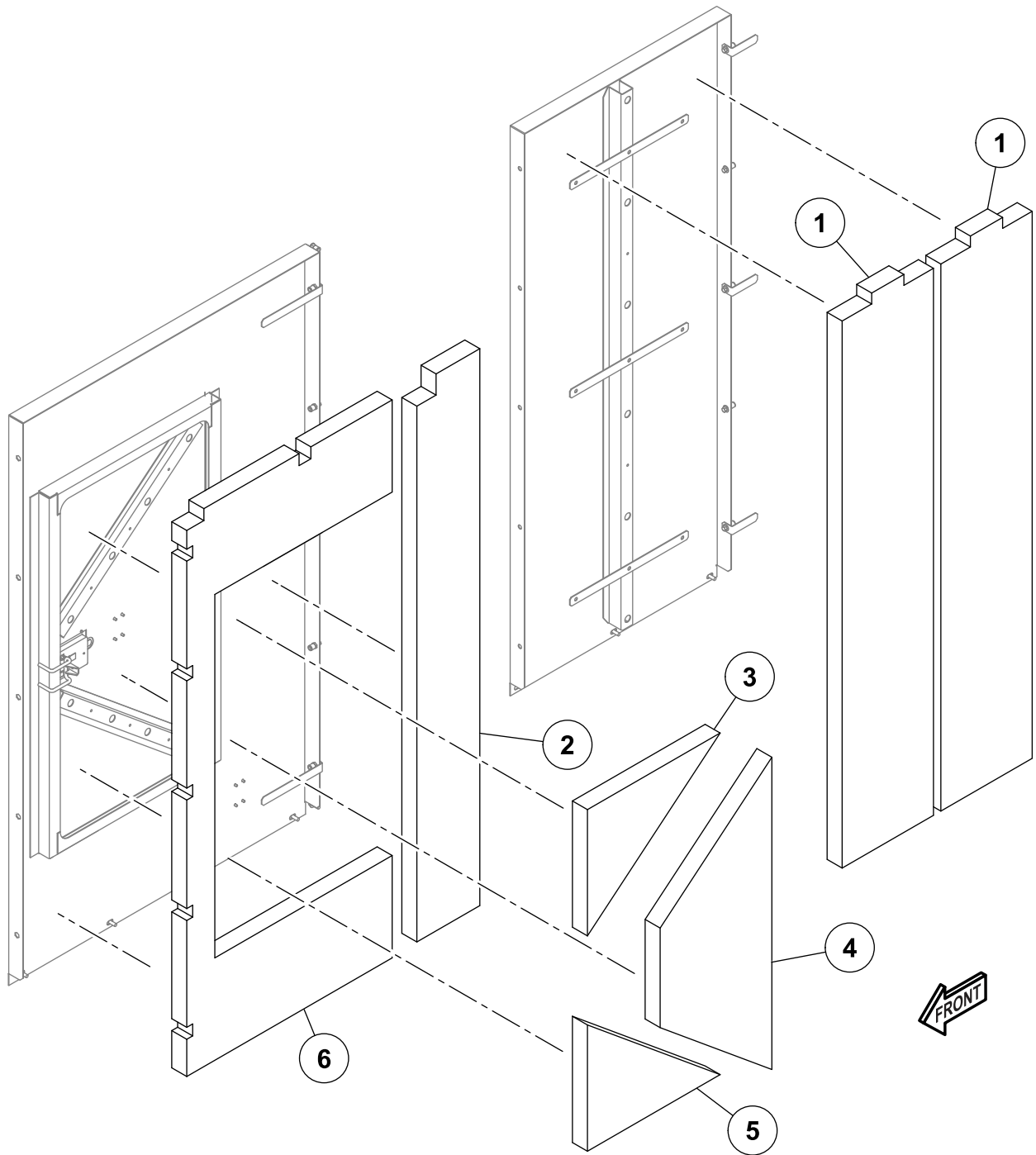
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46579440	Panel, Acoustic Drip Pan Access Interior Side CS 1"	1	
2	46574483	Panel, Acoustic Outer Inlet Baffle 1"	1	
3	46577520	Panel, Acoustic Front Inlet Baffle 2"	1	
4	46574481	Panel, Acoustic Inner Inlet Baffle SS 2"	1	
5	46577201	Panel, Acoustic Drip Pan Rear 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



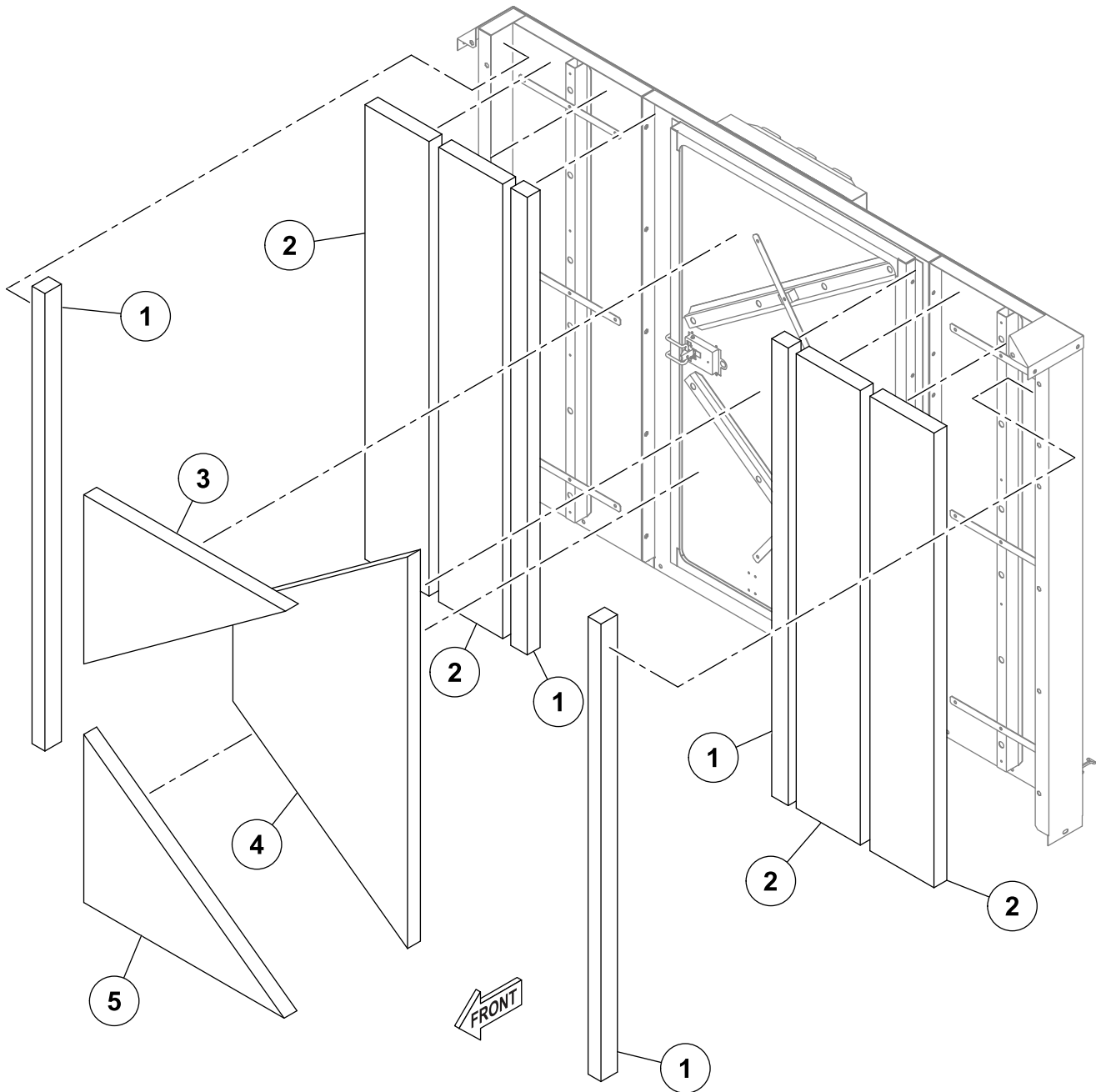
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46597339	Panel, Acoustic, Aft SS	1	
2	46595022	Panel, Acoustic, SS	1	
3	46595024	Panel, Cooler Access Panel Aft Acoustic SS	1	
4	46574501	Panel, Acoustic Cooler Side Access Door 2"	1	
5	46651748	Panel, Door Frm Cooler Access SS 2"	1	
6	46574499	Panel, Acoustic Cooler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

Acoustic Panels, Wagon, Curbside, Rear

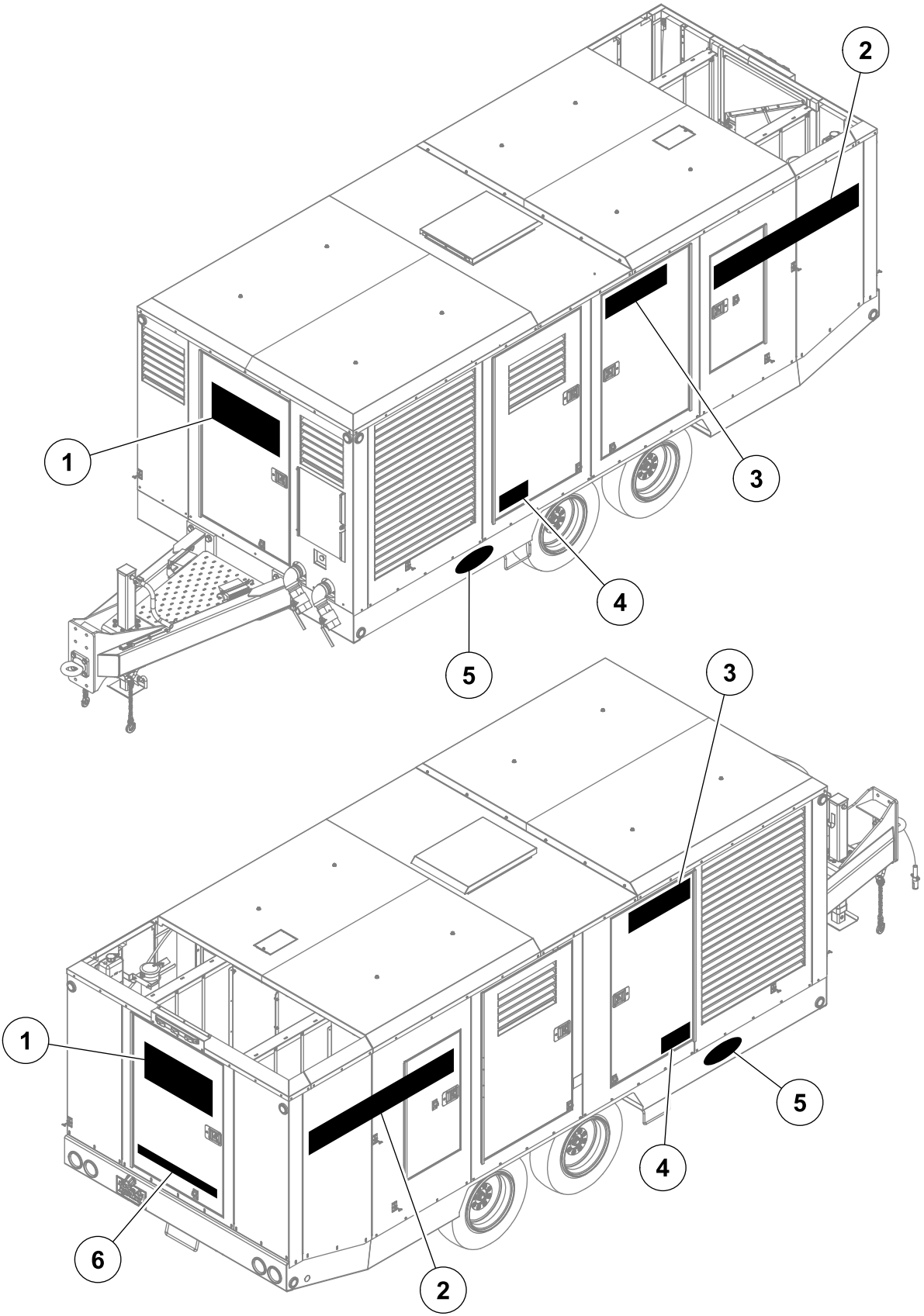


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46597199	Panel, Acoustic, Aft CS	2	
2	46595019	Panel, Acoustic, Cooler Access, CS	1	
3	46574499	Panel, Acoustic Cooler Side Access Door 2"	1	
4	46574500	Panel, Acoustic Cooler Access Mid Door 2"	1	
5	46574501	Panel, Acoustic Cooler Side Access Door 2"	1	
6	46577260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

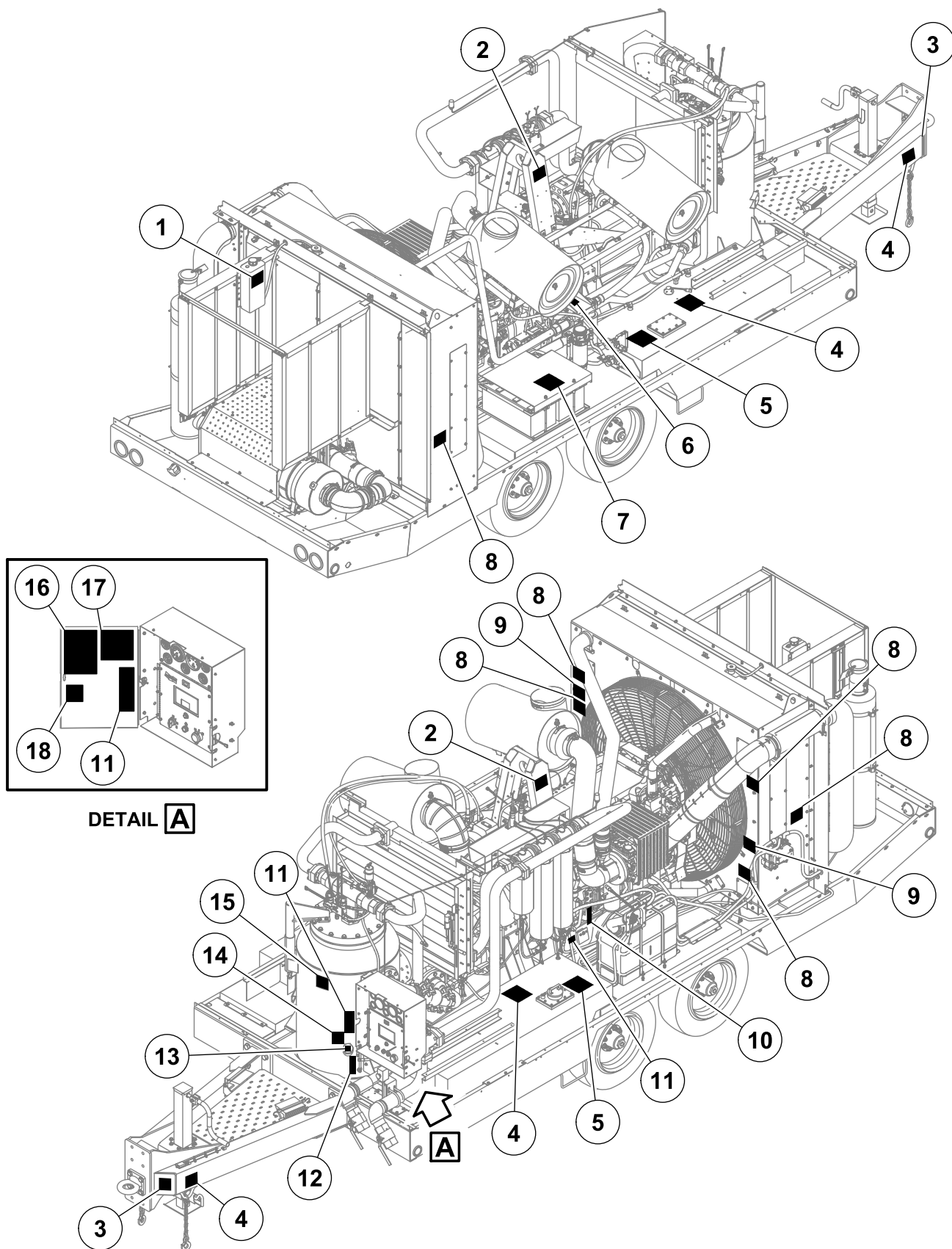
Acoustic Panels, Wagon, Rear



Decals, Branding

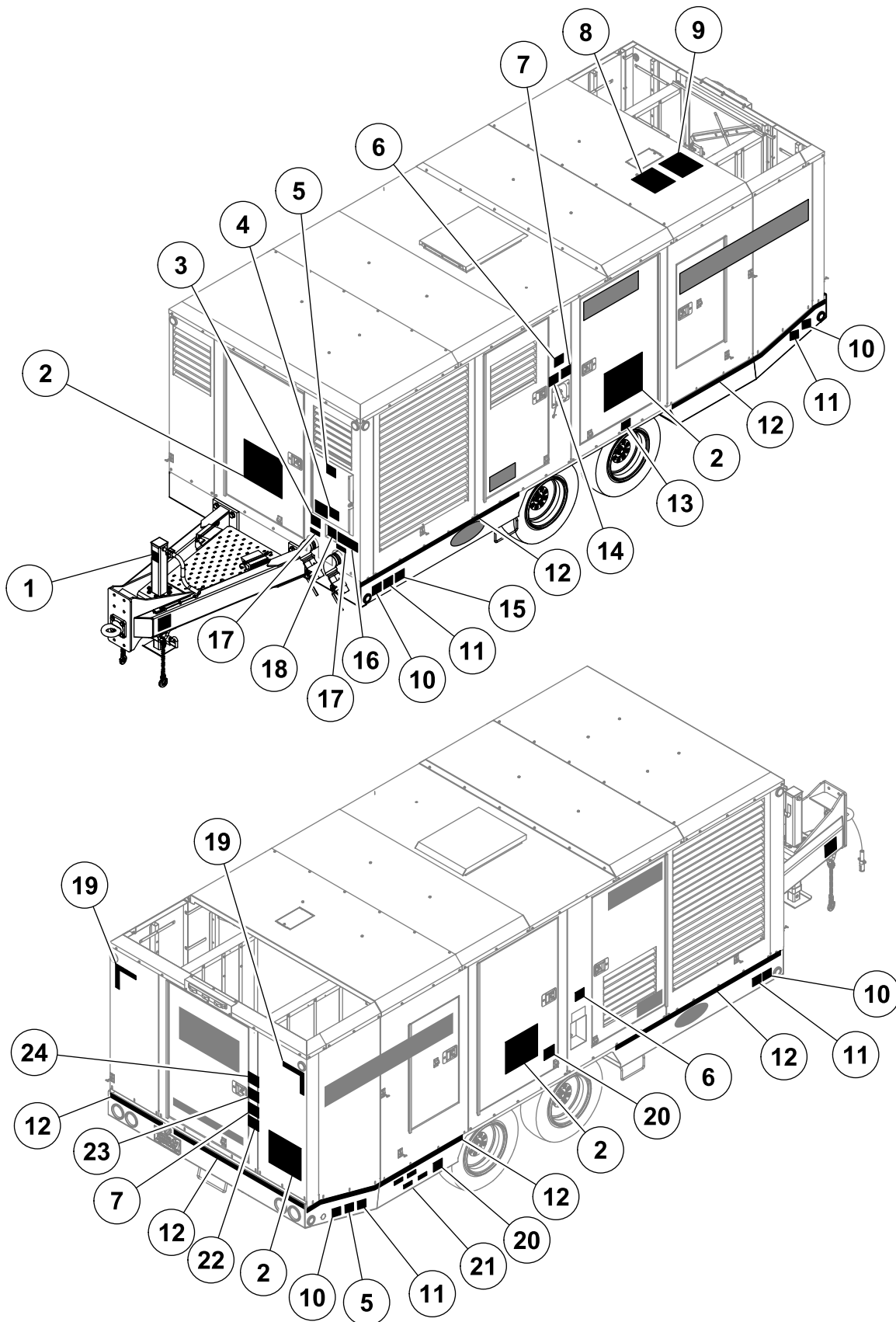


Decals, Interior Safety



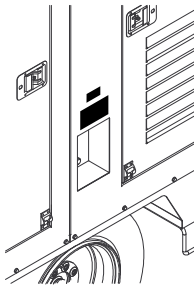
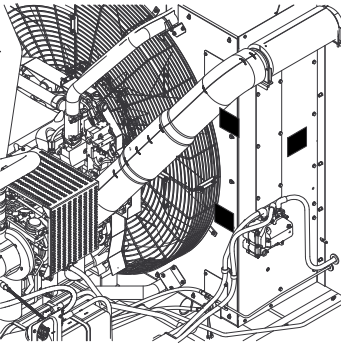
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	22265565	Decal, Overflow Bottle	1	Tandem Only
2	54699400	Decal, ISO Lift Point	2	
3	54604921	Decal, Tow Notice	2	
4	46565099	Decal, Canadian Transport	4	
5	46556990	Decal, Ultra Low Sulfur Diesel Fuel	2	
6	46621316	Decal, Battery Disconnect	1	
7	54568753	Decal, ISO 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

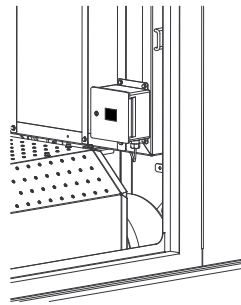


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	54568803	Decal, Collapsing Jack	1	Tandem Only
2	36534642	Decal, IQ Logo	4	IQ Option Only
	23255193	Decal, AC Logo	4	AC Option Only
3	36514602	Decal, Noise Emission	1	
4	54605027	Decal, Hazardous Voltage	2	AC Heater Option Only
5	36534675	Decal, IQ Valve Operation	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	

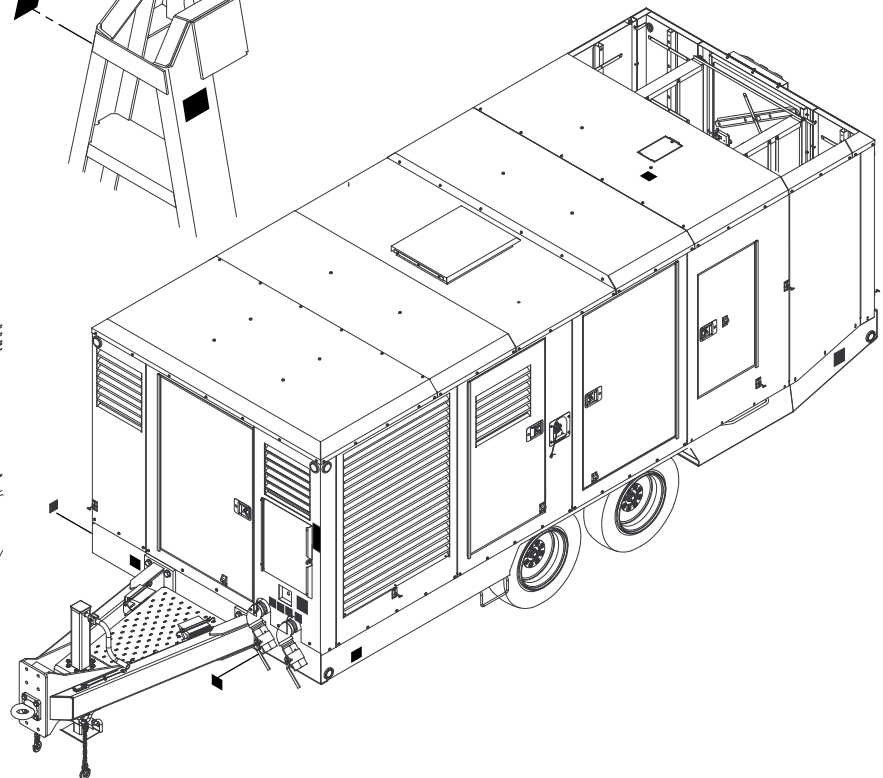
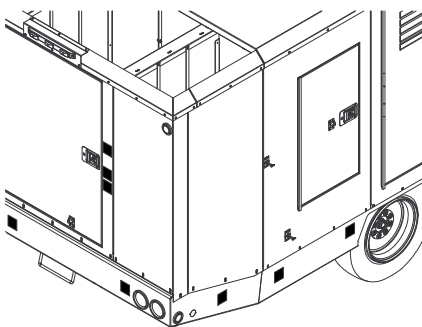
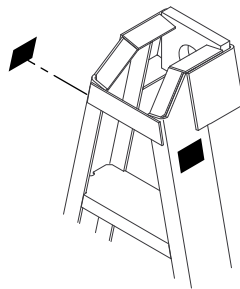
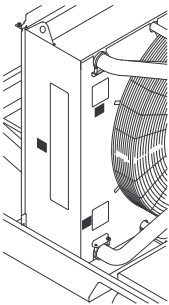
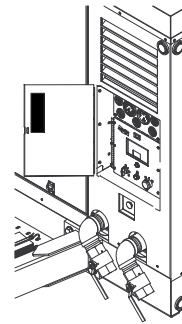
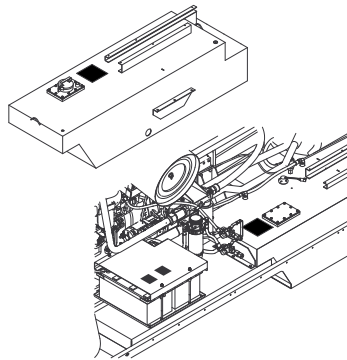
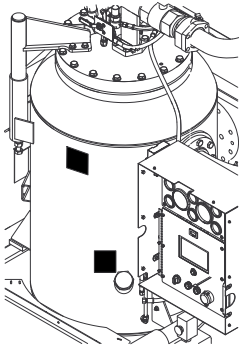
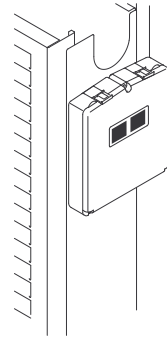
Decals, EEC



Optional



Optional



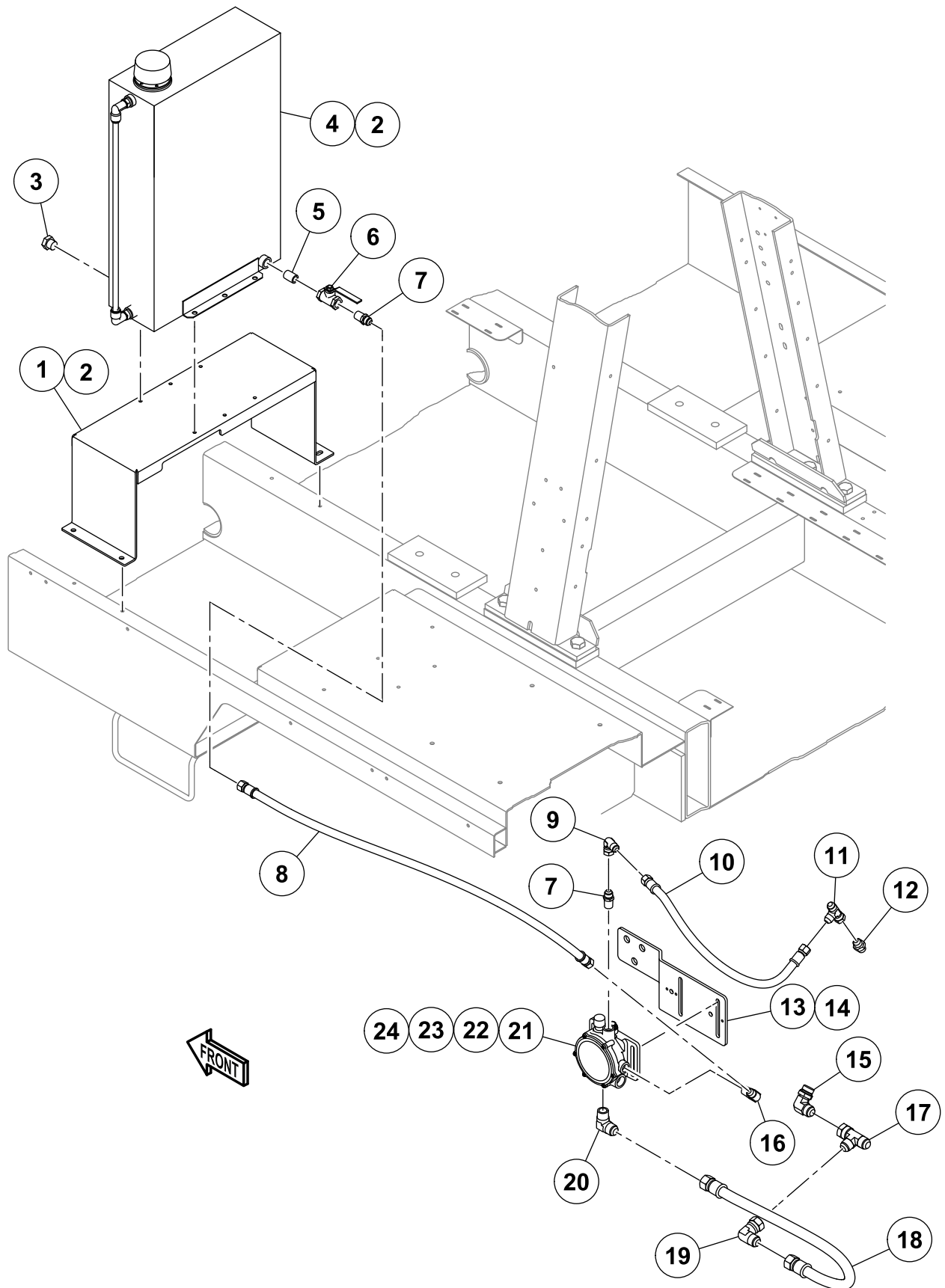
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46654478	Decal Sheet, EEC	1	

INTENTIONALLY LEFT BLANK



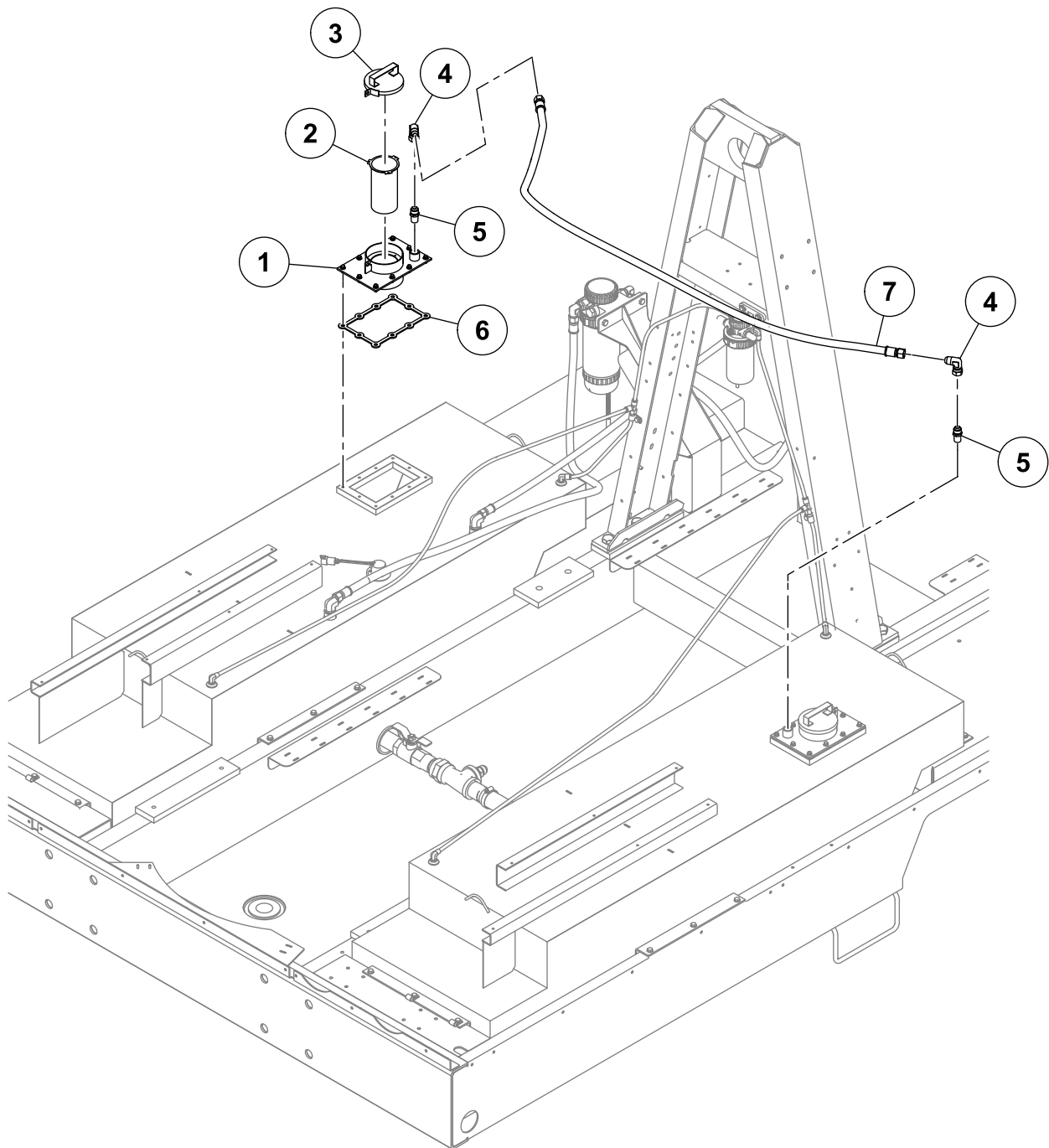
OPTION PARTS

Engine Oil Replenishment

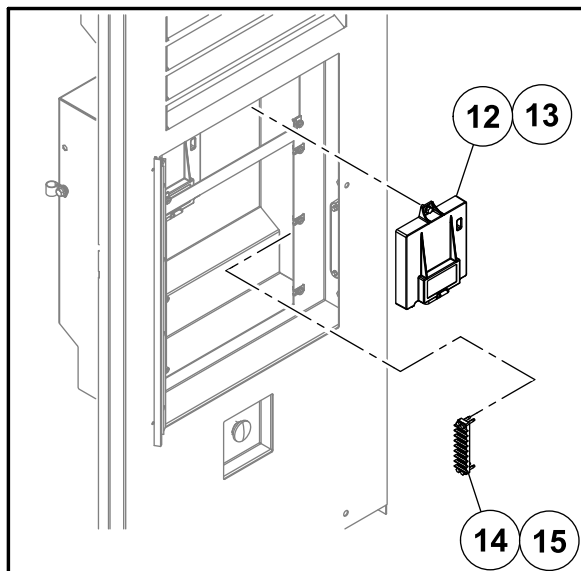
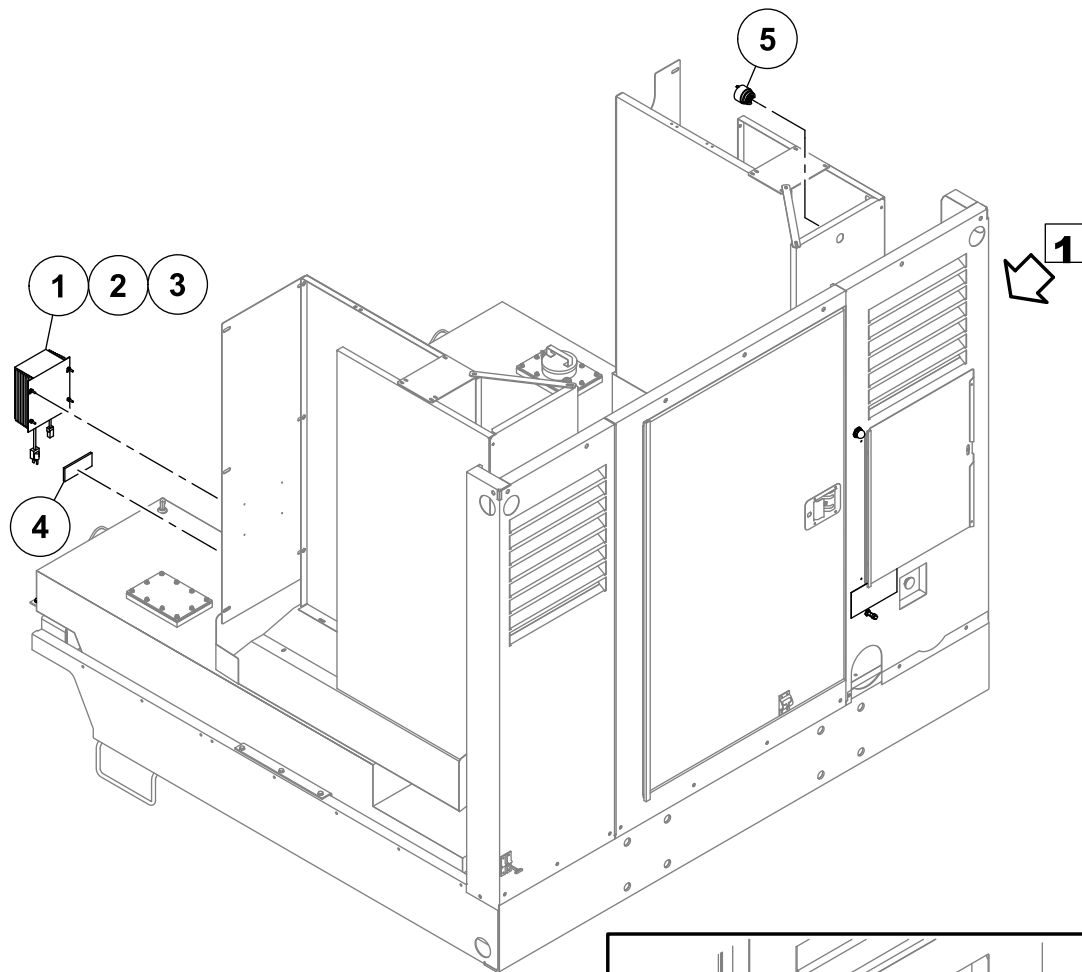


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46584719SB	Mount, Oil Replenishment Tank	1	
2	35279025	Screw, Hex M08 - 1.25 X 20	10	
3	36889186	Plug, 1/2"NPT Pipe	1	
4	46584822SB	Tank, Oil Replenishment	1	
5	95934279	Nipple, 1/2" X 1-1/8"	1	
6	35581792	Valve, Ball Service 1/2"	1	
7	35286426	Adapter, 1/2" NPT 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	

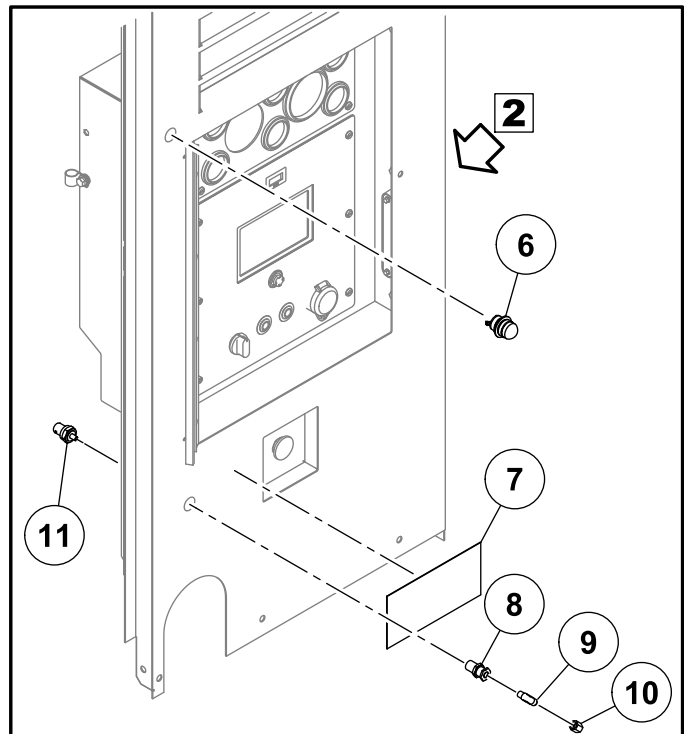
Fuel System, Fuel Tank Crossover Vent Line



Auto Start With 120VAC Battery Charger



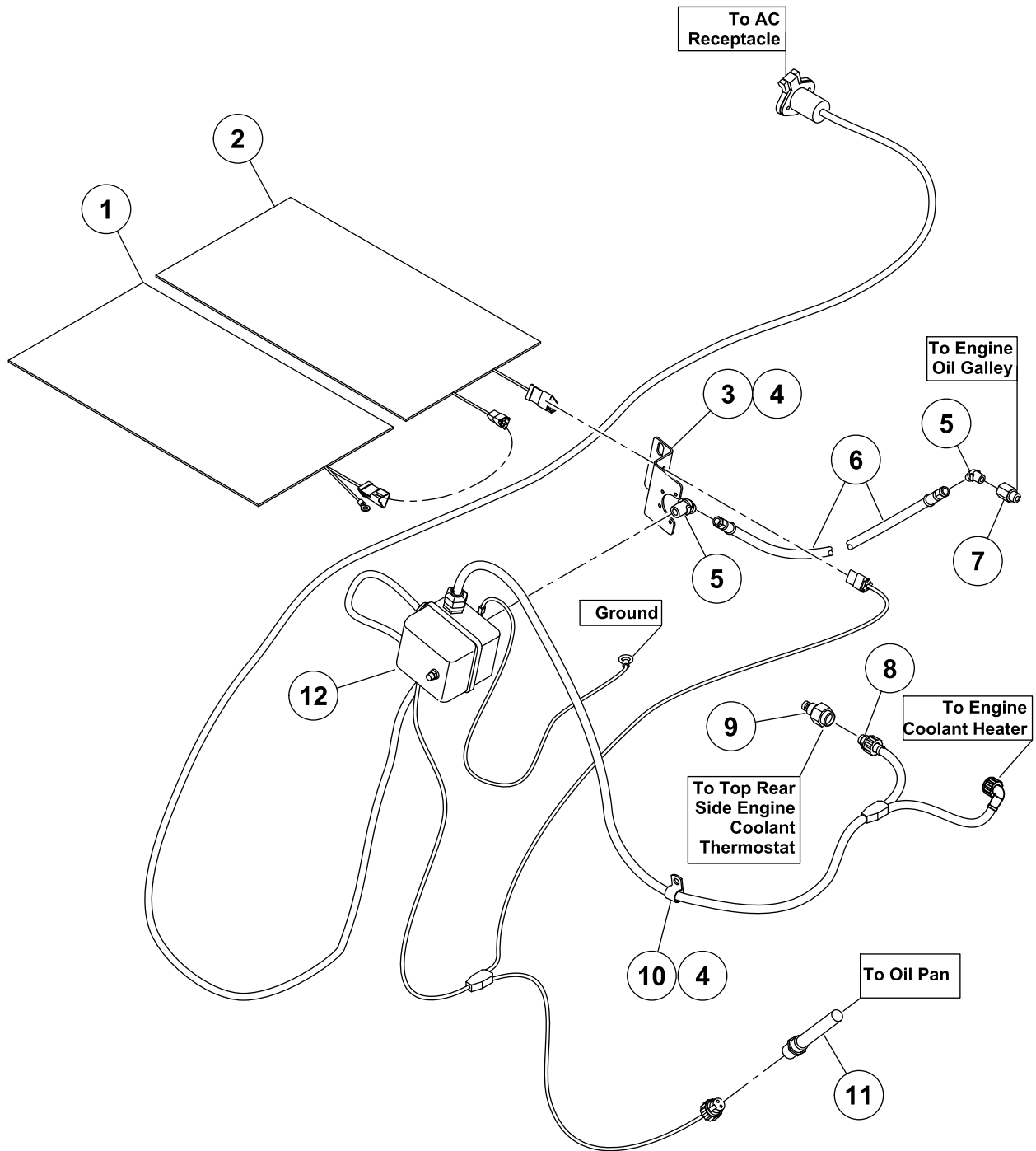
DETAIL 2



DETAIL 1

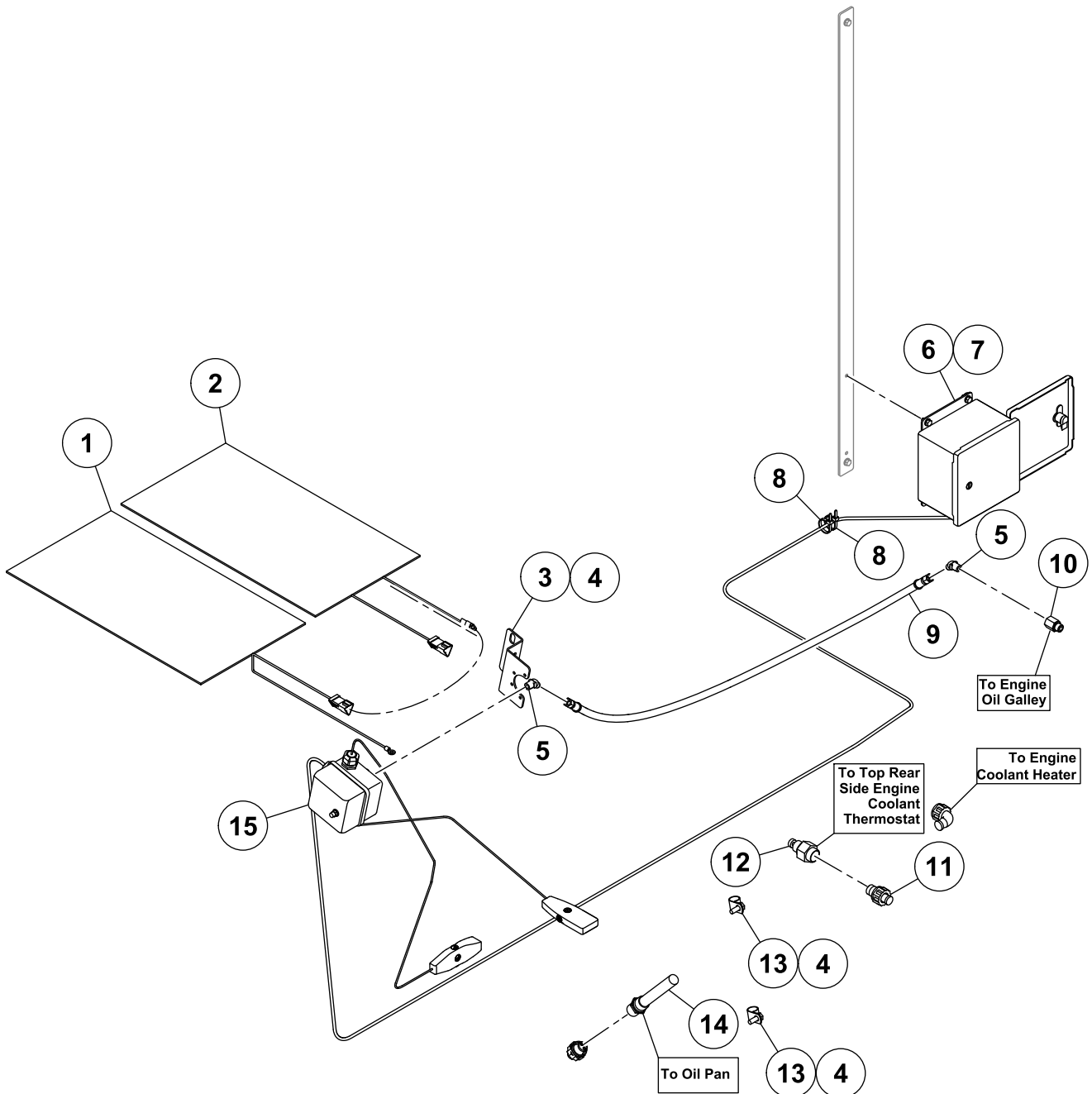
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	54715941	Battery Charger, 24 VDC	1	120VAC Option
	22096333	Battery Charger, 24 VDC	1	240VAC Option
2	36842102	Screw, Hex, Slotted, #10 -32 UNF X 1"	4	
3	95928800	Nut, Nylock, #10 -32 UNF	4	
4	54749155	Decal, Battery Charger	1	
5	36785145	Alarm, Audio Signal	1	
6	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



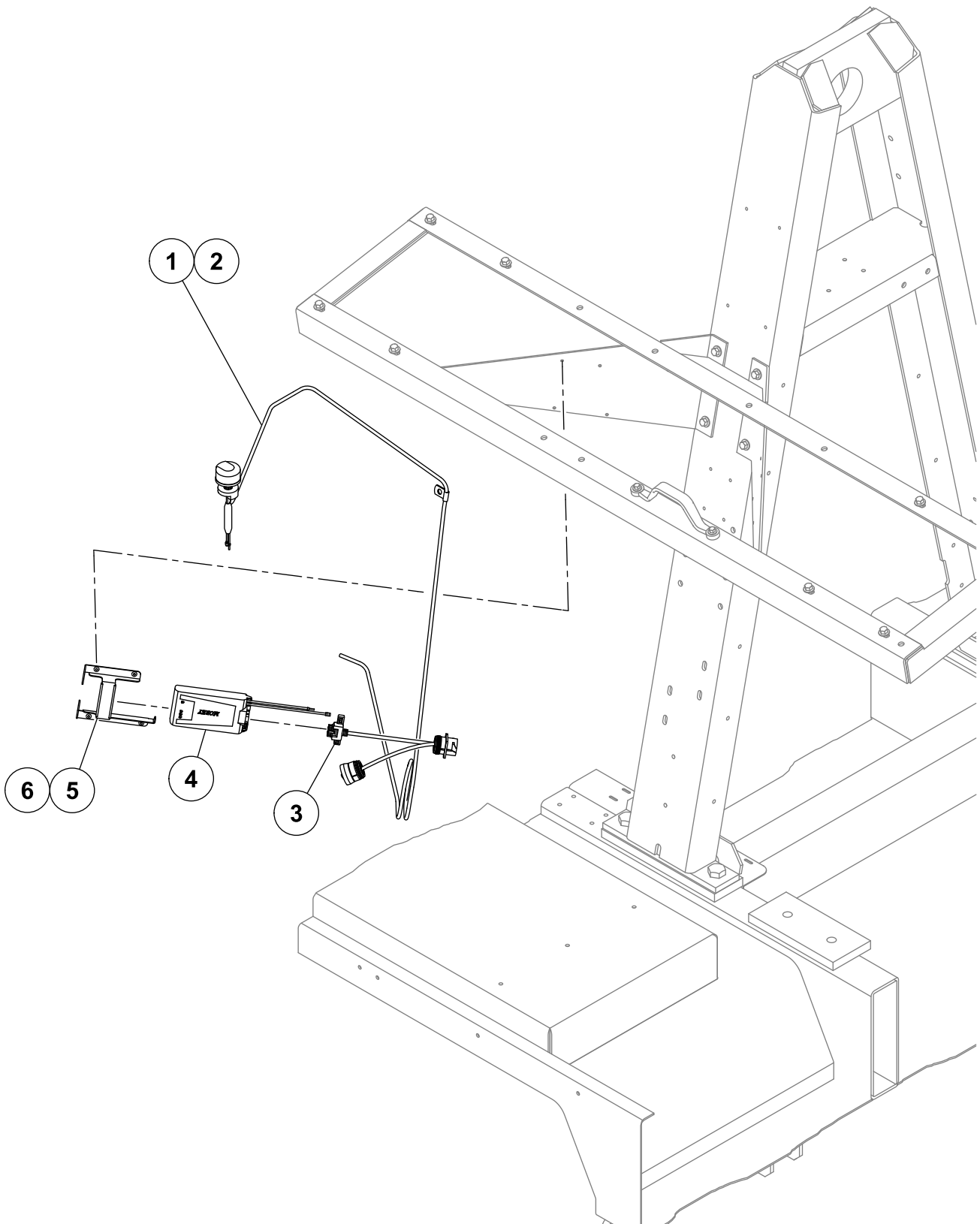
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36920346	Heater, Single Lead Battery Pad	1	
2	36920338	Heater, Dual Lead Battery Pad	1	
3	36851533SB	Bracket, Pressure Switch	1	
4	35279025	Screw, Hex M08 - 1.25 X 20	4	
5	35321223	Elbow, 45° 1/4" NPT X -4 JIC	2	
6	35283480	Hose, -4 JIC X 48"	1	
7	54720719	Adapter, 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

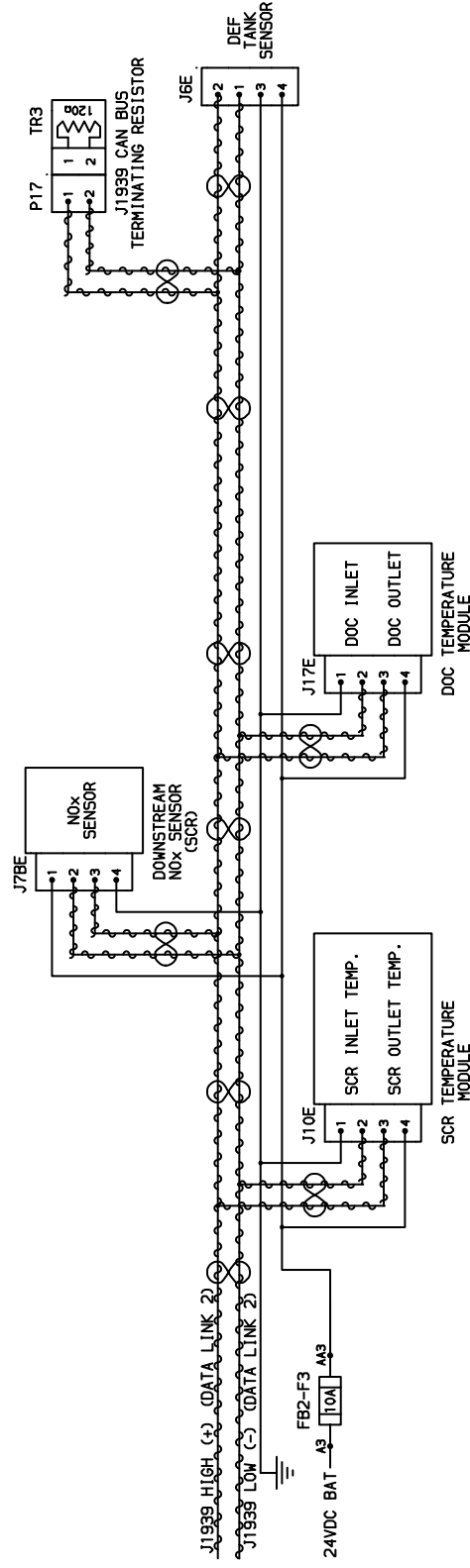
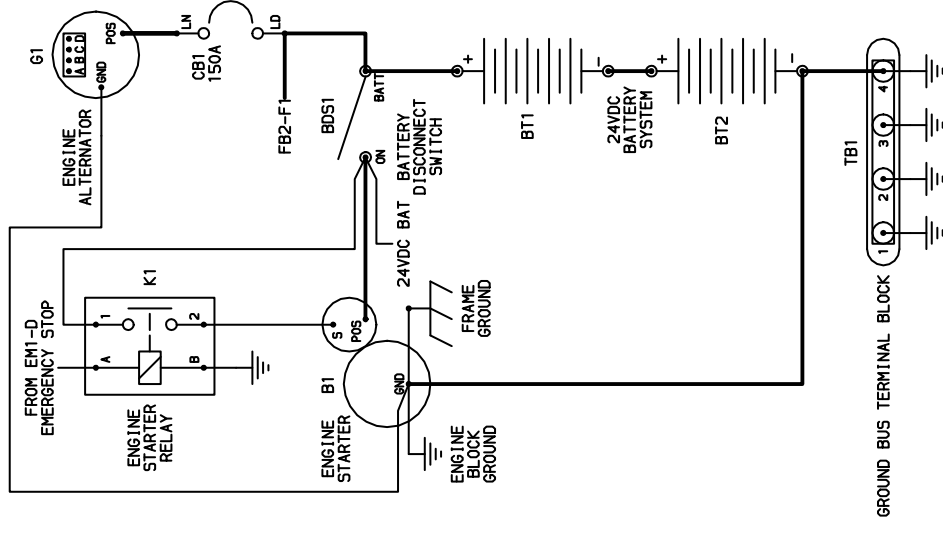
PART NO.	DESCRIPTION	FUNCTIONAL GROUP
46558806	Gauge, Airend Discharge Temperature	Electrical / Gauge Panel
46558805	Gauge, Voltmeter	Electrical / Gauge Panel
46565479	Gauge, Fuel Level	Electrical / Gauge Panel
46558802	Gauge, Tachometer	Electrical / Gauge Panel
46558804	Gauge, Engine Coolant Temperature	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	

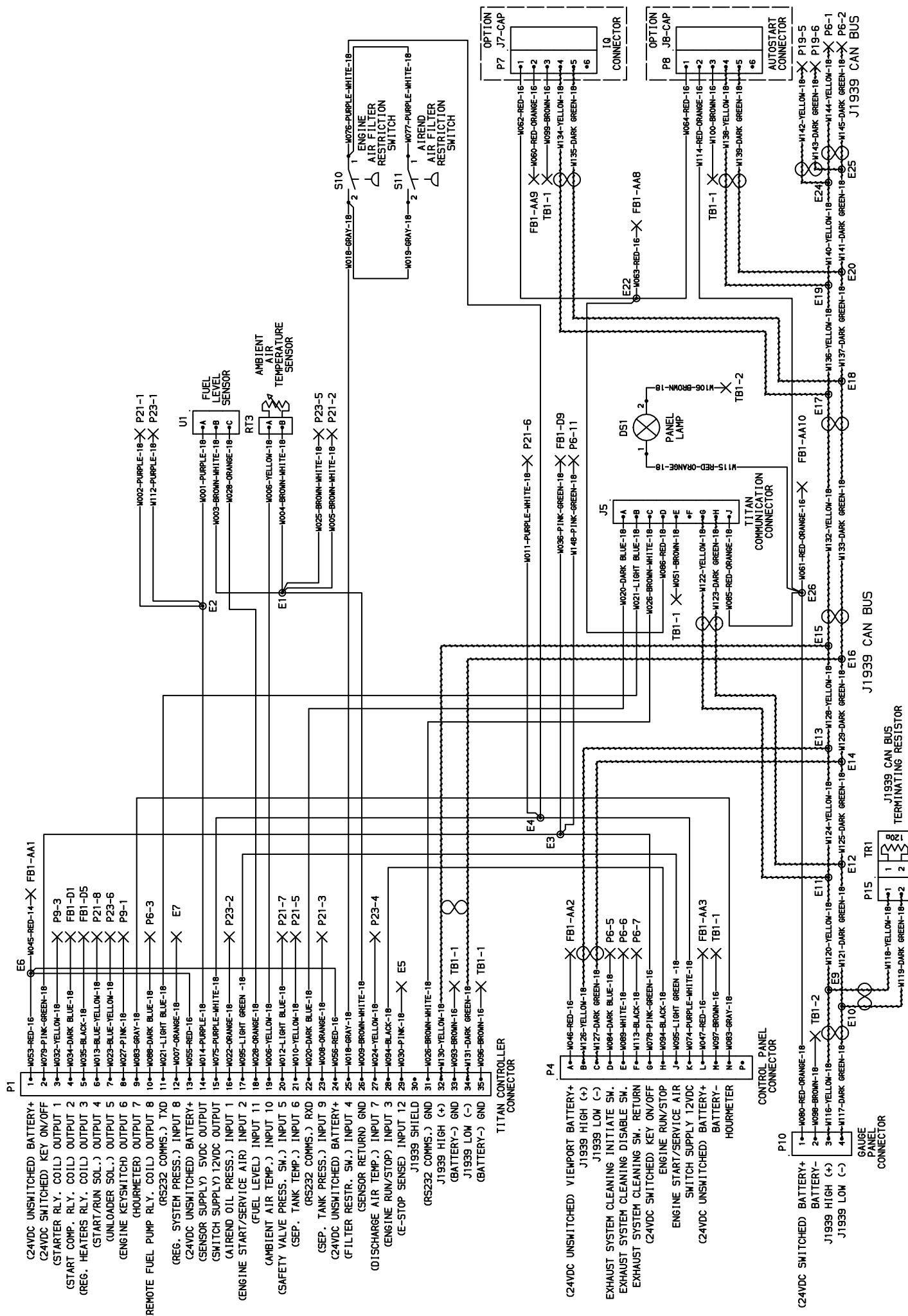


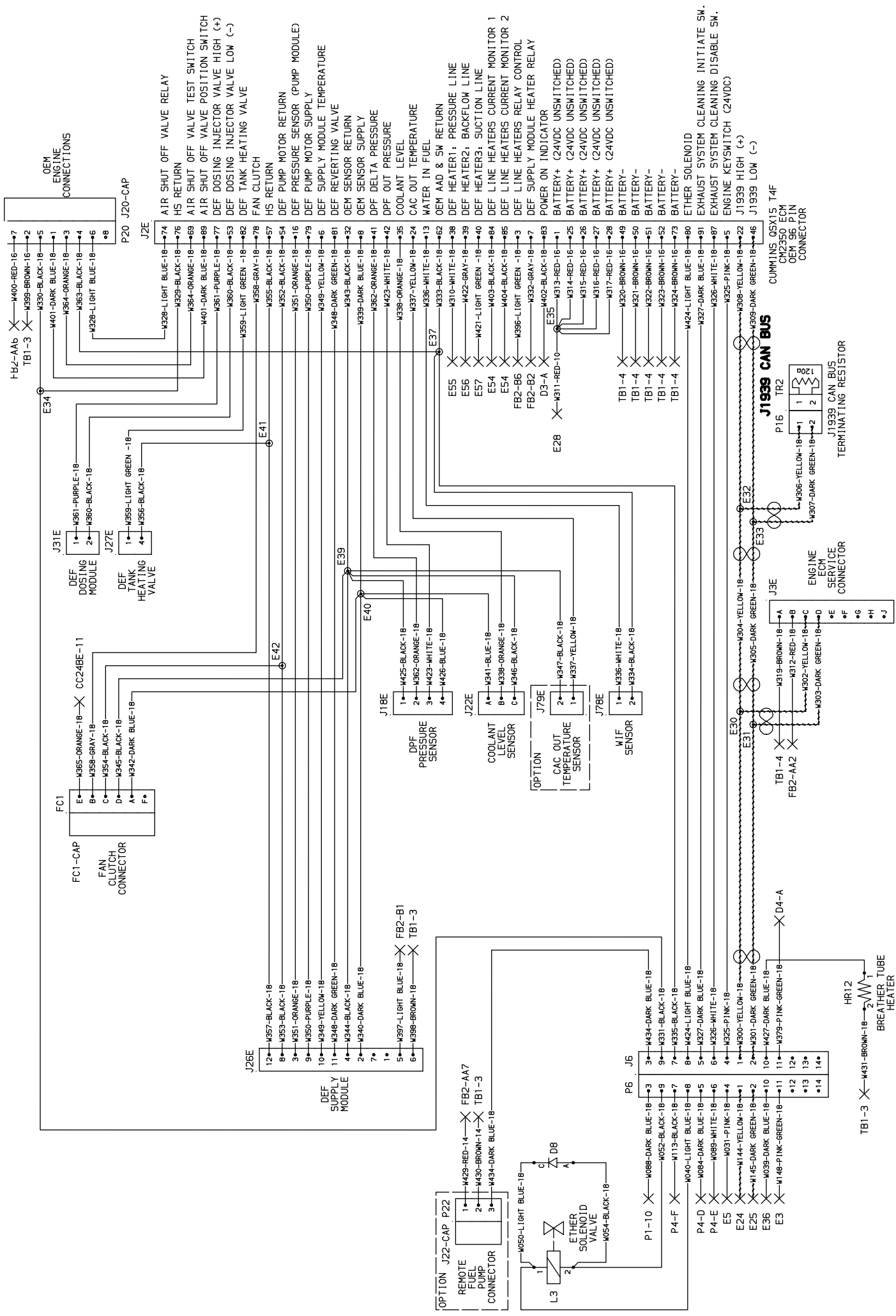
WIRING DIAGRAMS

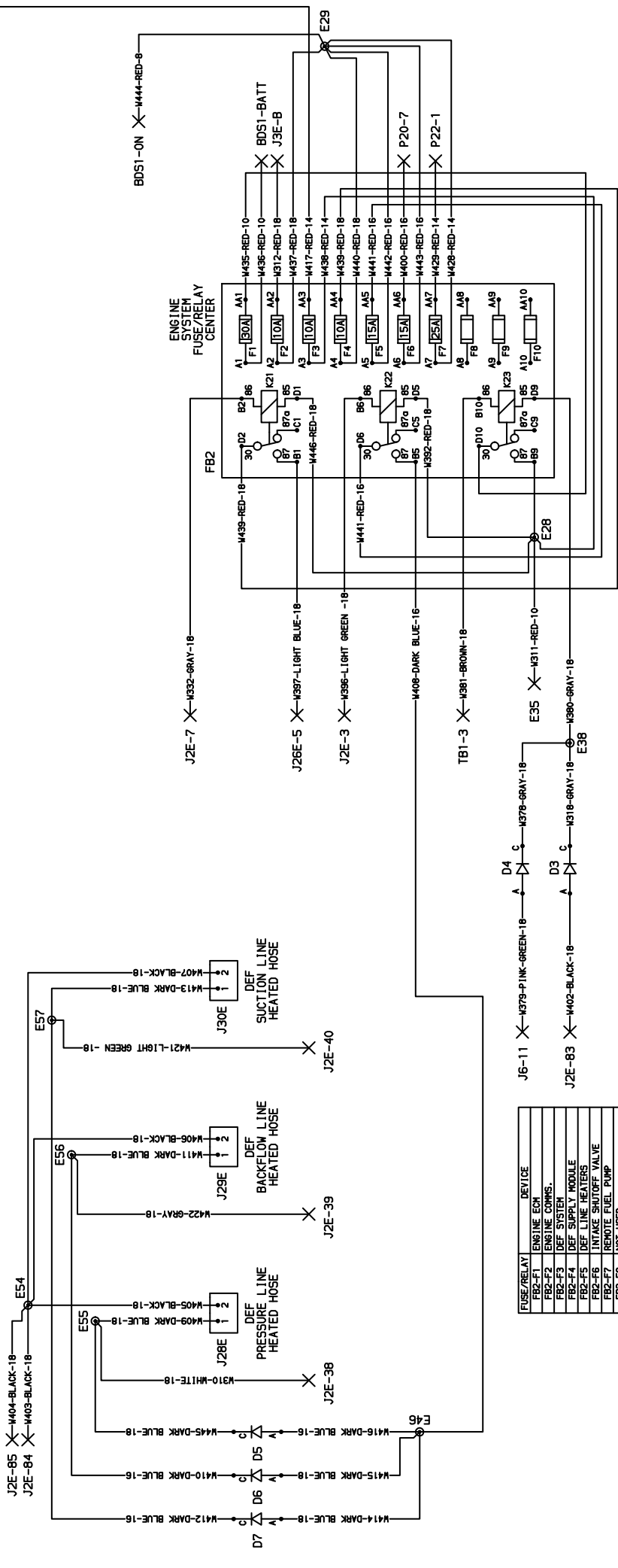
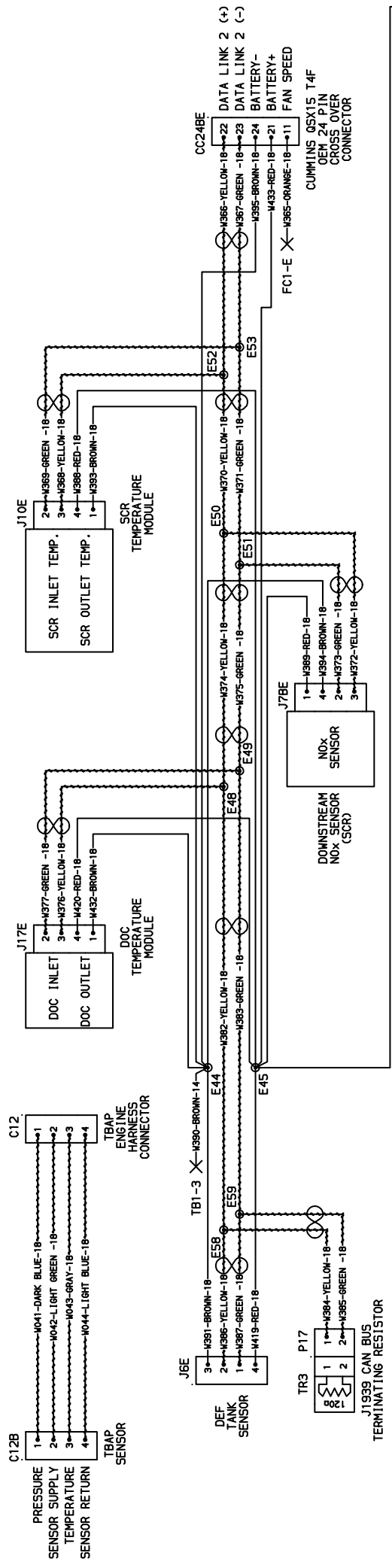




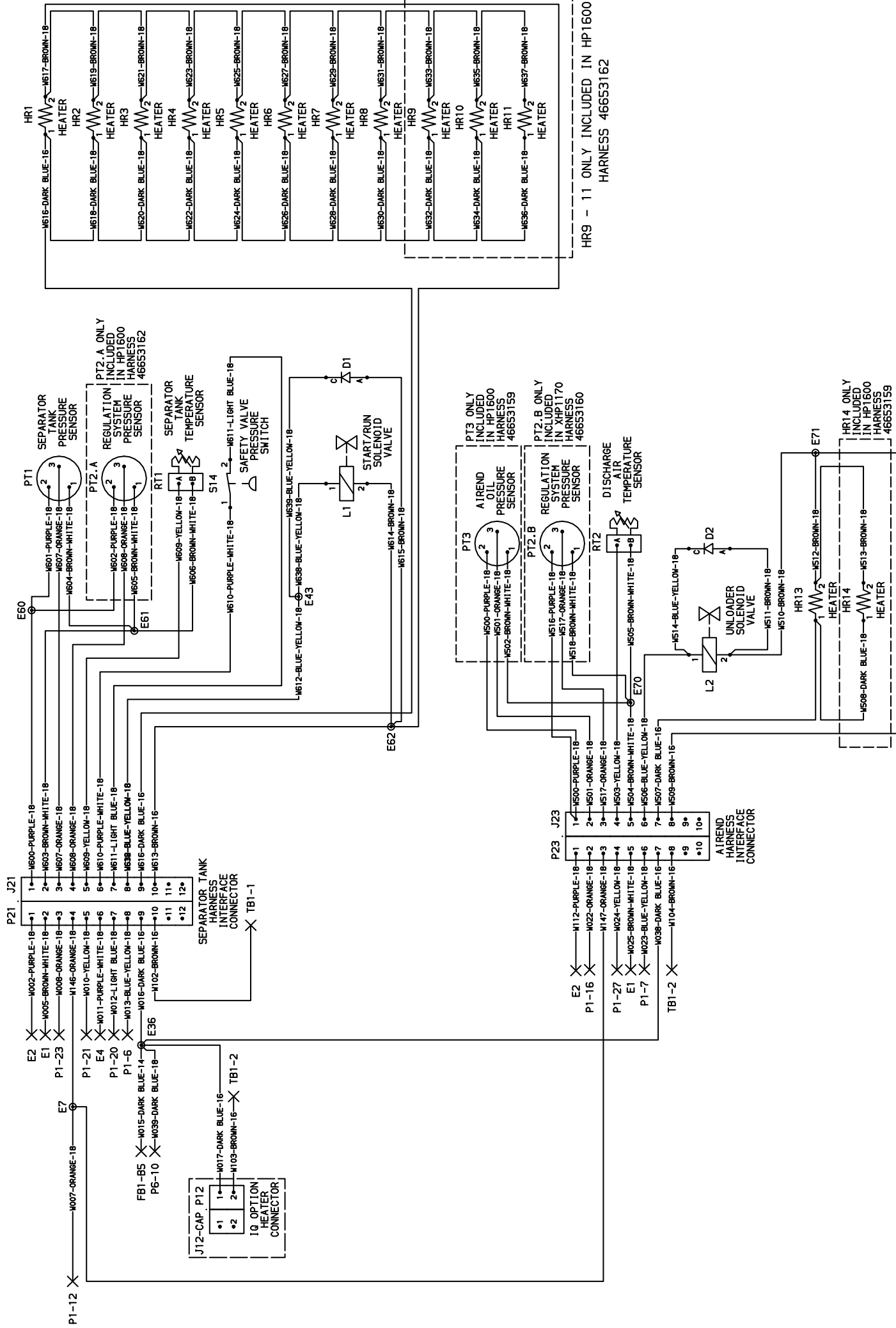
Compressor and Engine Control System Schematic 46664154 Rev. D



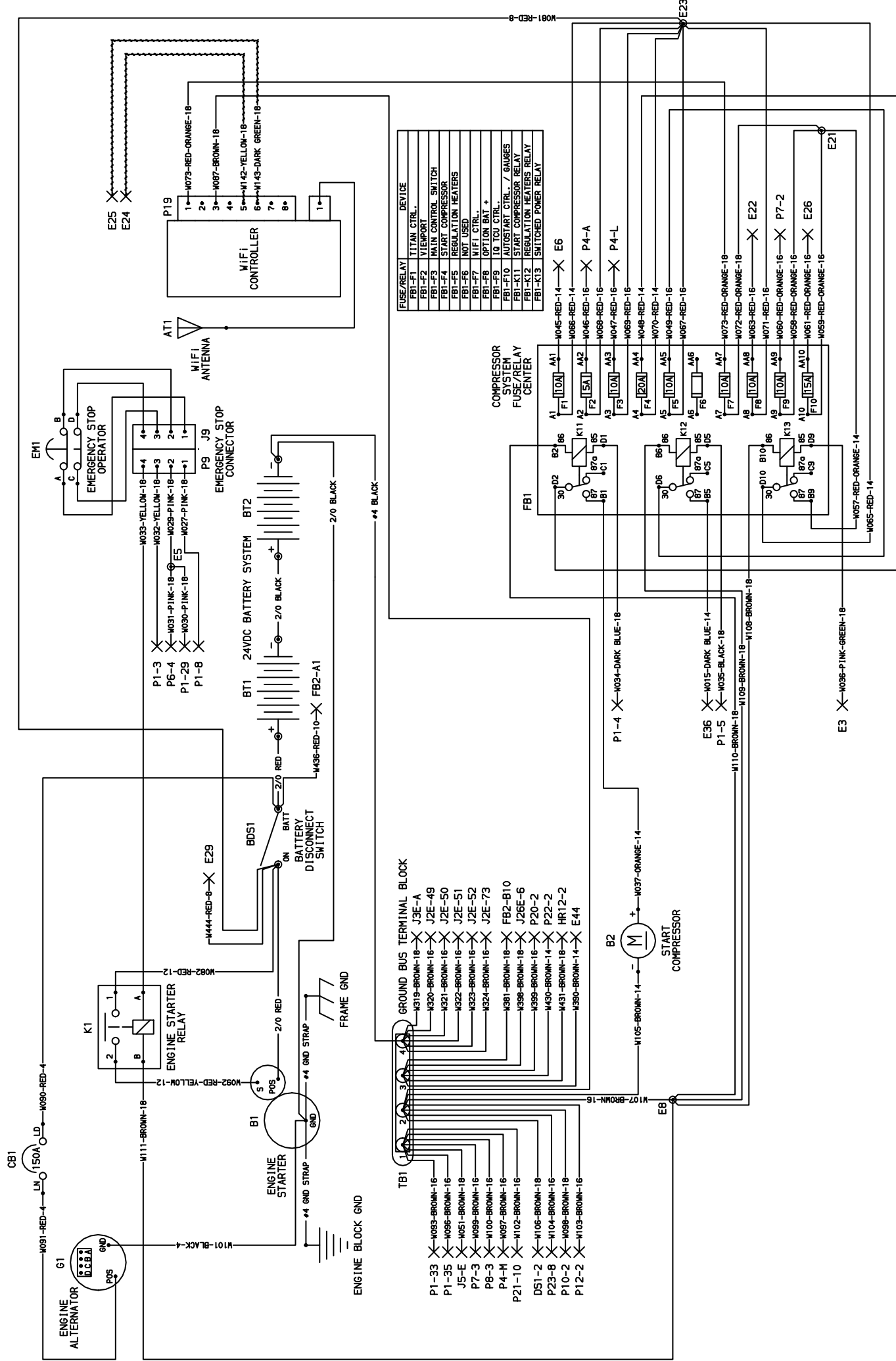




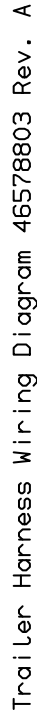
FUSE/RELAY	DEVICE
F82-F1	ENGINE ECM
F82-F2	ENGINE COMMS.
F82-F3	DEF SYSTEM
F82-F4	DEF SUPPLY MODULE
F82-F5	DEF LINE HEATERS
F82-F6	INTAKE SHUTOFF VALVE
F82-F7	REMOTE FUEL PUMP
F82-F8	NOT USED
F82-F9	NOT USED
F82-F10	NOT USED
F82-K21	DEF SUPPLY MODULE RELAY
F82-K22	DEF LINE HEATERS RELAY
F82-K23	ECM POWER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

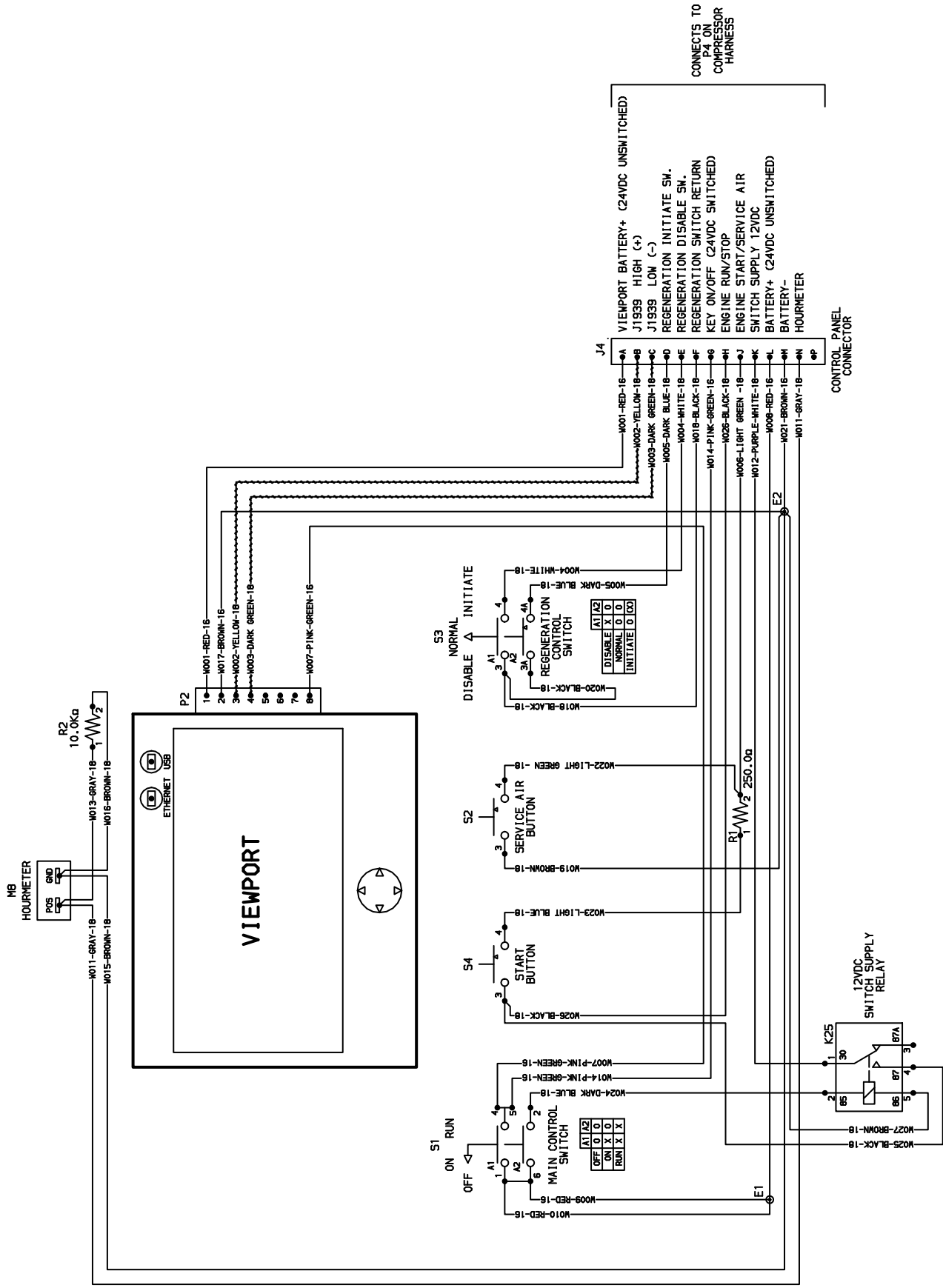


Compressor & Engine Harness Wiring Diagram 46653157 Rev D

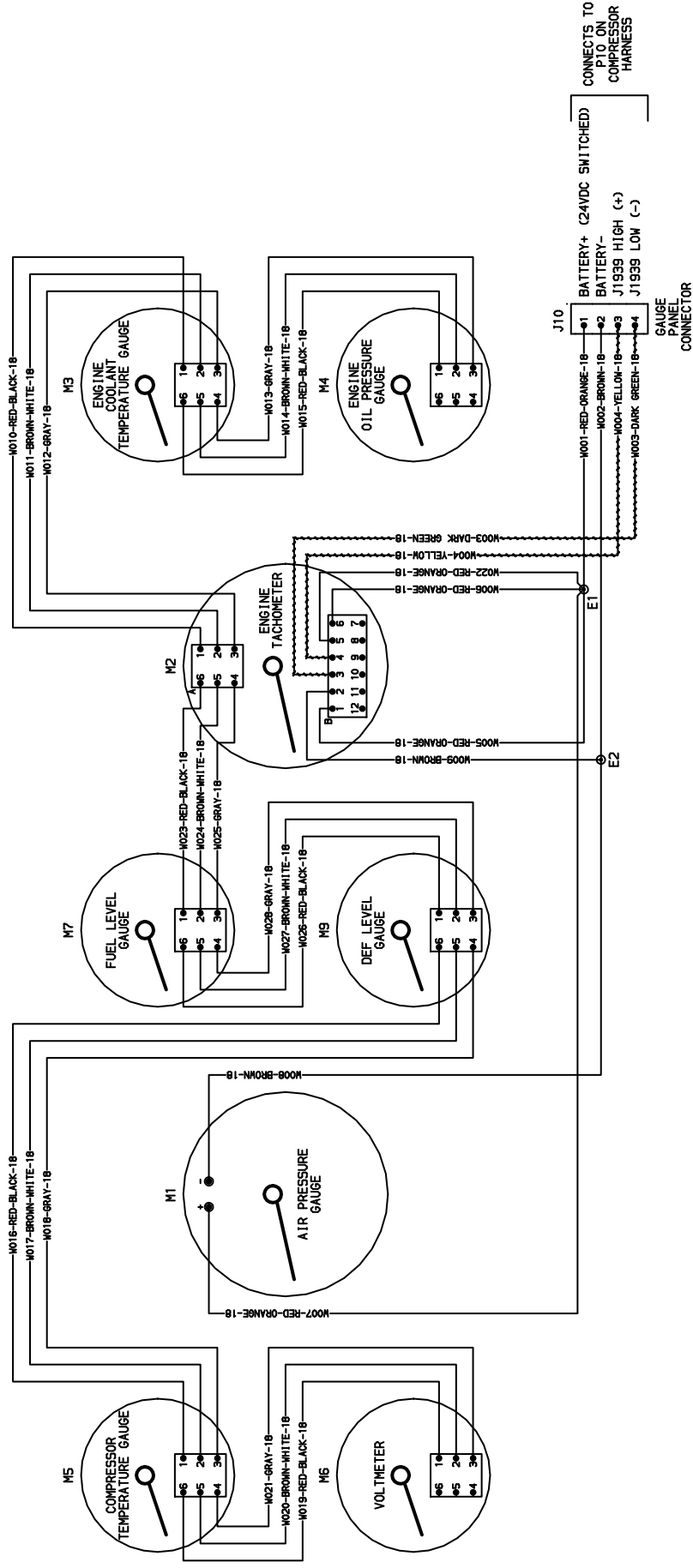


Compressor & Engine Harness Wiring Diagram 46553157 Rev D





Control Panel Harness Wiring Diagram 46641570 Rev.A



Gauge Panel Harness Wiring Diagram 46636659 Rev.A

Compressor and Engine

Reference Designator	Description	Part Number
	Titan Controller	46651420
	Compressor Harness	46653158
	Engine Harness	46653161
	Airend Harness	46653159
	Separator Tank Harness	46653162
	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	Solenoid Valve Heater	46499687
HR2	Orifice Heater	36841526
HR3	Hex Fitting Heater	36841526
HR4	Hex Fitting Heater	36841526
HR5	Hex Fitting Heater	36841526
HR6	Hex Adapter Heater	46499687
HR7	Hex Fitting Heater	36841526
HR8	Ball Valve Heater	23346612
HR9	Ball Valve Heater	23346612
HR10	Regulator Heater	36854677
HR11	RegulatorHeater	36854677
HR12	Engine Breather Tube Heater	23346612
HR13	Orifice Heater	36841526
HR14	Hex Fitting Heater	36841526

Reference Designator	Description	Part Number
L1	Start/Run Solenoid Valve	46655272
L2	Unloader Solenoid Valve	36840841
PT1	Separator Tank Pressure Sensor	54496773
PT2	Regulation System Pressure Sensor	36920825
PT3	Airend Oil Pressure Sensor	54496773
RT1	Separator Tank Temperature Sensor	23294838
RT2	Discharge Air Temperature Sensor	23294820
RT3	Ambient Air Temperature Sensor	23294838
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

Electrical Parts List

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

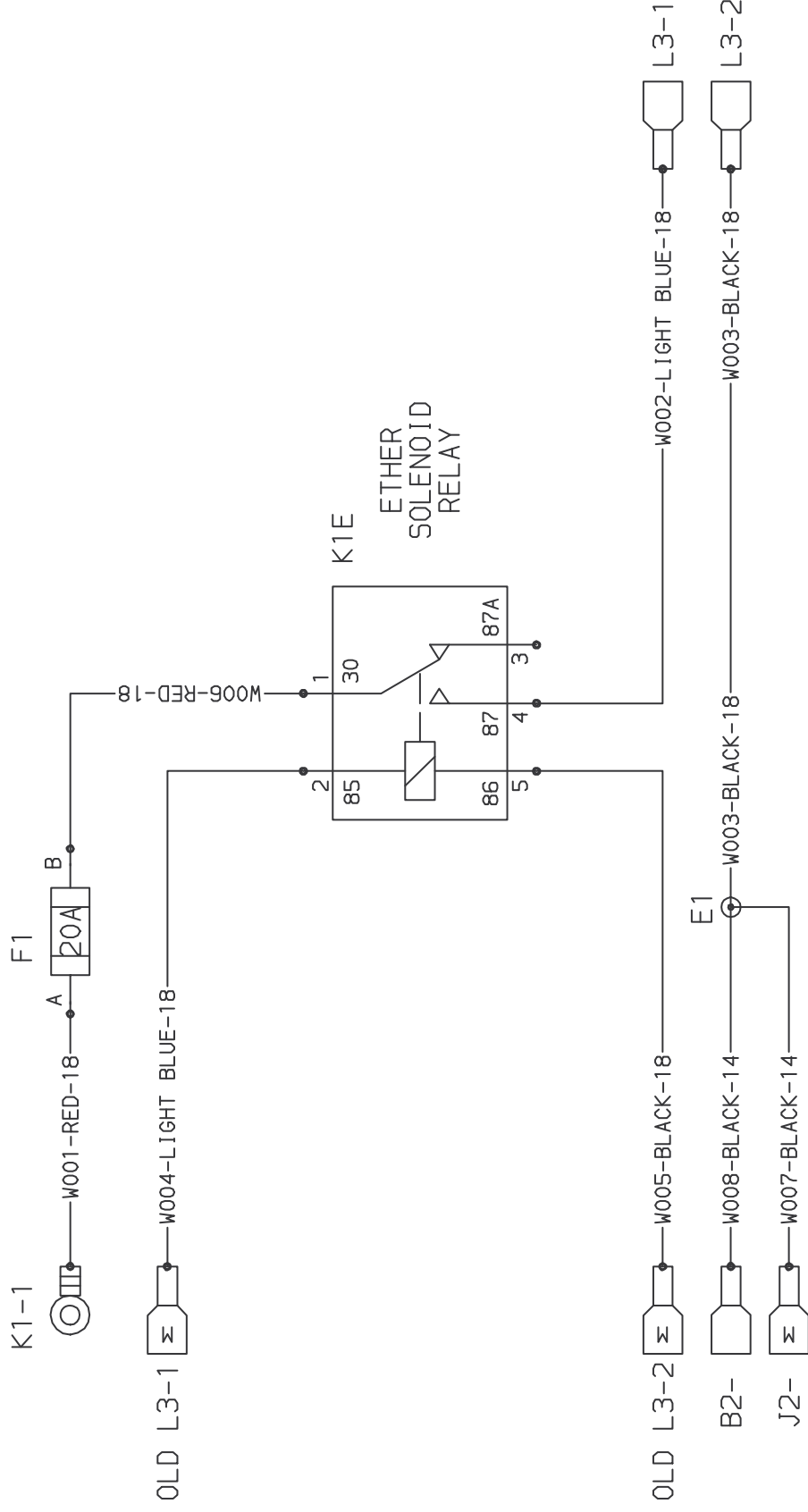
Reference Designator	Description	Part Number
	Gauge Panel Harness	46636660
M1	Air Pressure Gauge 0-250 psi	46558799
M2	Engine Tachometer	46558802
M3	Engine Coolant Temperature Gauge	46558804
M4	Engine Oil Pressure Gauge	46558803
M5	Compressor Temperature Gauge	46558806
M6	Voltmeter	46558805
M7	Fuel Level Gauge	46565479
M9	DEF Level Gauge	46636464

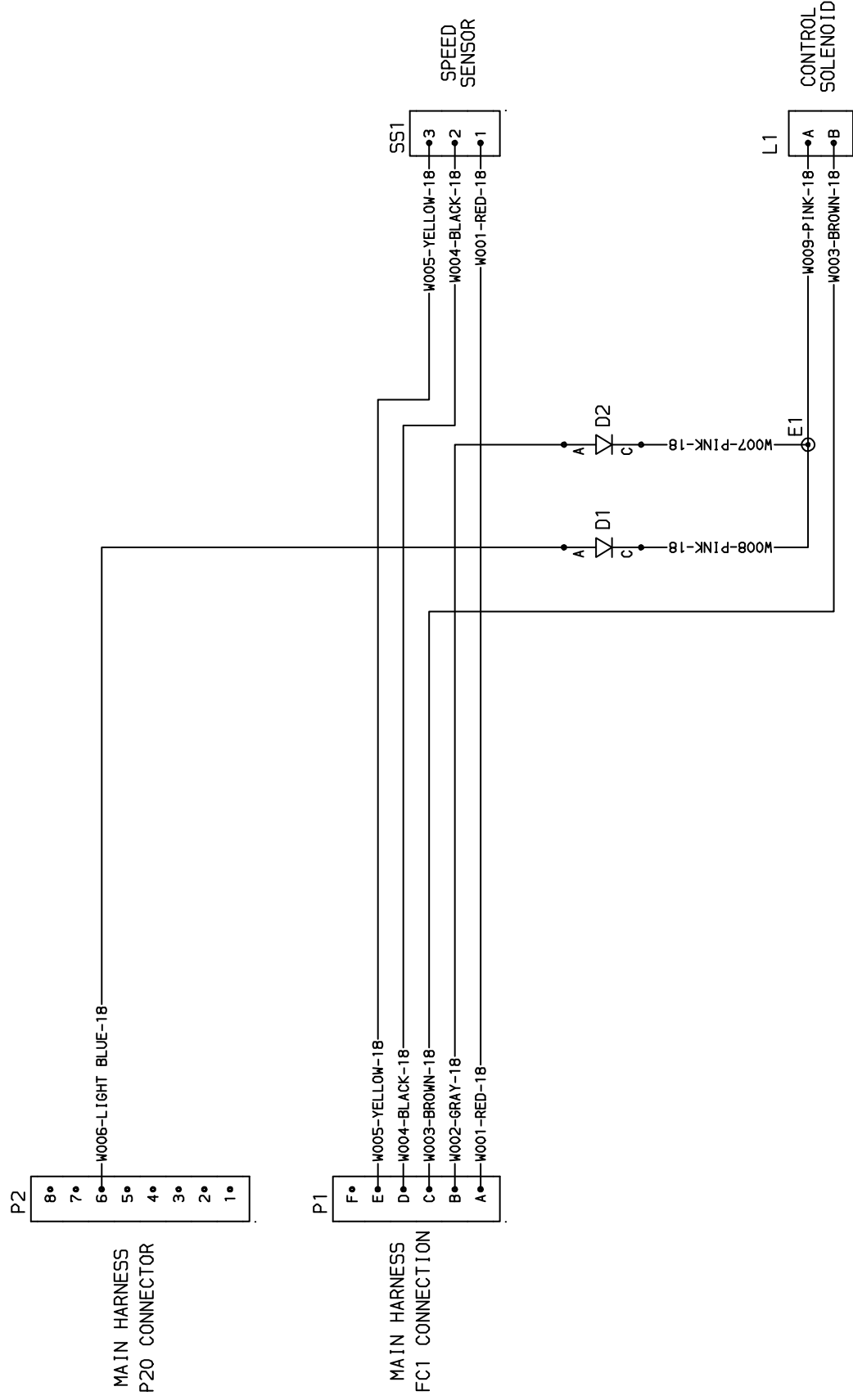
Trailer

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

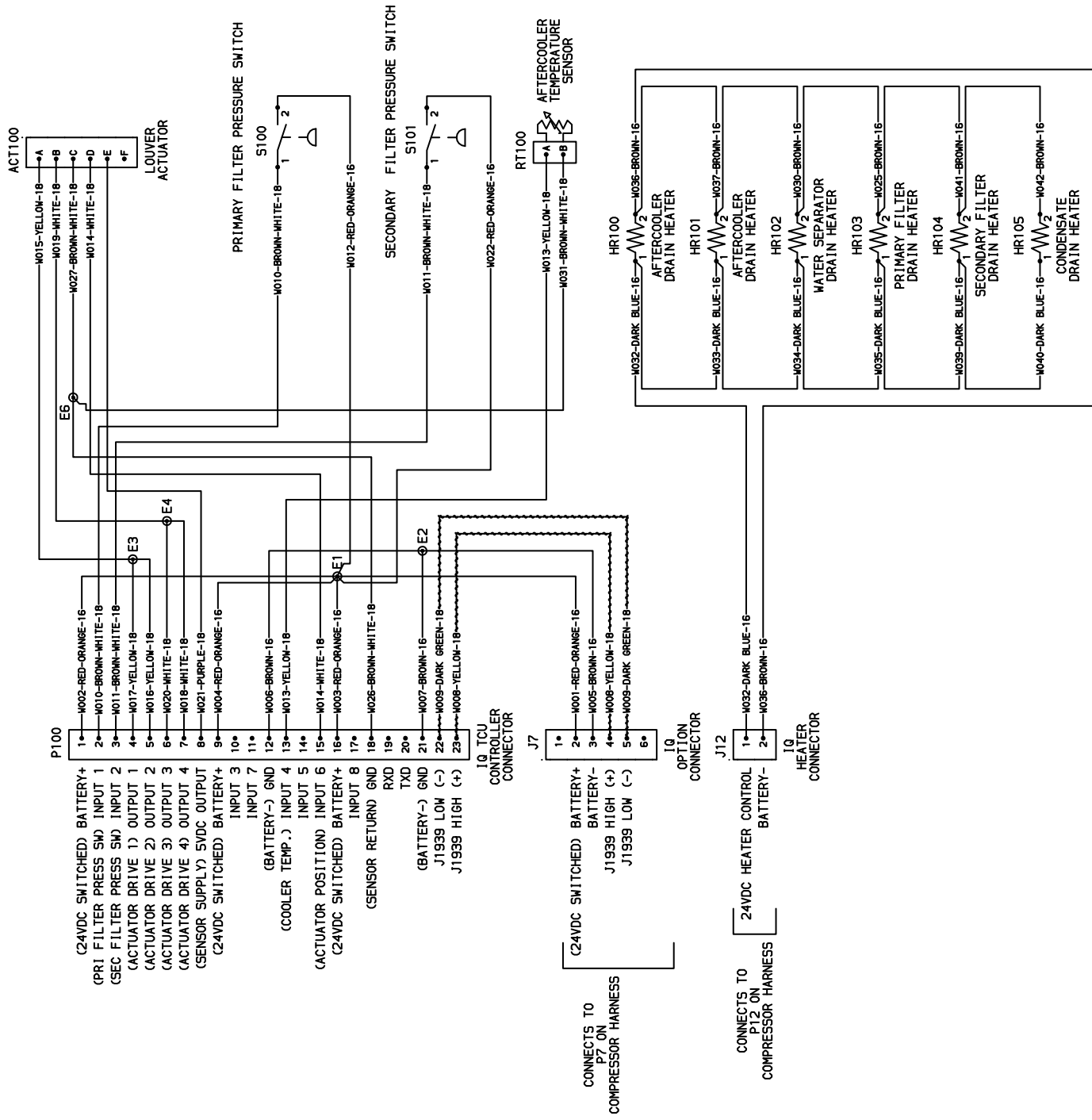
Fan Clutch

Reference Designator	Description	Part Number
L1	Fan Clutch Control Valve	46655083
	Fan Clutch Harness	46671086
D1	Diode	35376163
D2	Diode	35376163

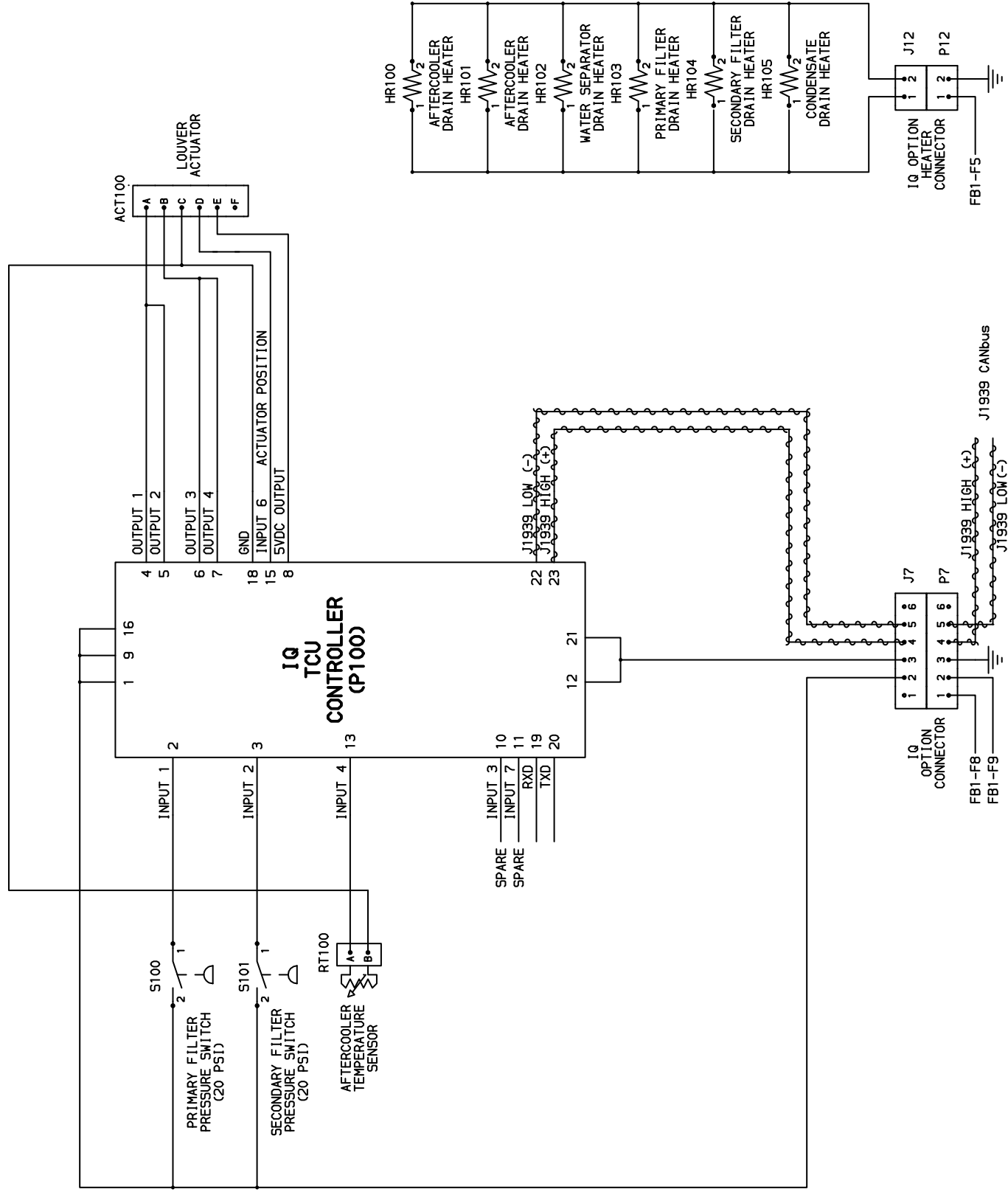




Fan Clutch Wiring Diagram 46678229 Rev. A



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

NUMERICAL INDEX

PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE
22054365	215	22685531	111	23281017	145	35256429	145
22058564	51	22687784SB	15	23294820	51, 125, 135	35256445	145
22061394	115	22688493	19	23294838	111, 169, 183	35256452	145
22062566	61, 75	22689418	25	23346612	45, 117	35260439	107
22063937	141, 223	22694640	109	23366172	151	35265388	153
22063945	47, 223	22711659	213	24908923	45	35268788	45, 47, 233
22068282	145, 227	22711766	109	32591285	95	35271162	57, 71
22077515	23	22769186	53	35092014	97	35273366	155
22078190	53	22774863	19	35108216	149	35273937	43, 97
22096333	227	22777767	21	35111731	51, 83	35277797	111
22104558	121	22777825	21	35114057	145	35279025	13, 15, 17, 19, 49, 55, 57, 59, 63, 69, 71, 73, 77, 83, 89, 93, 95, 125, 127, 129, 135, 137, 149, 151, 155, 157, 161, 165, 175, 181, 187, 223, 229, 231
22110753SB	39, 41	22777841	21	35114081	93, 95	35279835	47
22110761SB	39, 41	22786974	21	35116615	91	35279926	119
22112171SB	39, 41	22789226	19	35121847	65, 79	35280098	119, 121, 145
22141550	73	22789242SB	19	35123496	83	35282987	47, 119, 145
22164305	217	22817811	115	35127224	63, 77	35283076	47
22204598	115	22857544	21	35127653	87	35283472	129
22205140	131	22857551	21	35128982	149	35283480	47, 229, 231
22205165	119	22860449	21	35129071	83	35283522	73
22205181	121	22866628	21	35130293	119, 123, 133, 149	35285162	51, 127, 137
22207534	119, 123, 133	22866636	21	35130707	83	35285600	51
22225213	119, 121, 123, 131, 133	22866644	21	35131051	167	35286426	53, 223
22225221	121, 131	22866669	21	35135300	83	35286442	65, 67, 79, 81
22265565	215	22870257	21	35136423	129	35286467	225
22307706	227	22870265	21	35142116	107	35286525	65, 79
22318125	151	22870273	21	35144328	61, 75	35286533	59
22330880	63, 67, 77, 81	22870281	21	35144336	49, 95, 125, 135, 157, 159, 161, 163, 165, 177, 179	35286558	59
22334916	217	22870299	21	35144344	107	35286921	225
22383319	215	22871214	33, 35	35144492	127, 137	35287010	63, 77
22391261	35	22871289	33, 35	35145077	149	35287028	59, 65, 73, 79
22392021	25	22871396	25	35148204	23	35287044	59, 63, 73, 77, 143
22392039	25	22876544SB	39	35161025	83	35287721	107
22392138	35	22876577SB	39	35166404	117, 127, 137	35287739	223
22392146	35	22877112	21	35192178	107, 111	35287903	47
22392153	35	22877120	21	35209048	51	35287911	67, 81, 141, 223
22392153	35	22877138	21	35221639	93	35287929	67, 81, 223
22392211	33, 35	22877146	21	35221662	55, 69	35287952	67, 81
22392229	35	22877161	21	35222538	57, 71	35288026	143, 223
22392237	33, 35	22904882	25	35225077	13, 47, 117, 125, 127, 135, 137, 145, 151, 229, 231	35288166	47
22392559	35	22916019	169, 183	35225085	63, 95, 115, 145	35290147	121
22392575	35	22929418	23	35225093	13, 15, 47	35290253	47
22392617	37	22984660	227	35225788	149		
22392625	37	22987549	25	35248145	121, 131		
22392658	37	23075302	51	35248319	125, 135		
22392666	37	23085079	23	35252279	61		
22392674	37	23116270	65, 79	35252600	125, 135		
22402317	113	23148737	61, 225	35253038	87, 89		
22500607	63, 67	23178924	129, 139				
22617666	157, 159, 161, 163, 165, 177, 179, 181	23178932	129				
22685481	111	23178940	129				
22685499	111	23181597	129				
22685507	111	23187339	129, 139				
		23241045	217				
		23255193	217				
		23255219	217				
		23255227	217				

NUMERICAL INDEX

PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE
35291285	13, 47, 63, 73, 77, 81, 93	35324839	119	35603349	155	36797652	49, 87, 93, 95, 155, 157, 161, 167, 173, 231
35293869	103	35325083	67, 81	35605203	101	36799419	119, 123, 133
35294461	131	35326560	53, 141, 143	35606920	105	36840411	115
35294693	223	35327303	155	35610278	105	36841526	117, 125, 127, 129, 135, 137, 139
35294735	223	35327311	155	35610286	103	36842102	75, 151, 227
35294750	111	35327311	155	35610591	103	36843282	155, 157, 159, 161, 163, 165, 167, 175, 177, 179, 181
35295179	63, 77	35330117	115	35610617	113	36844074	47, 119
35295336	101, 103	35330703	51	35610674	115	36844579	139
35296219	47	35331586	99	35611235SB	87	36845014	61, 75, 225
35296342	51	35332618	99	35614510	129	36845022	61, 75, 225
35296409	107	35332626	99	35802933	111	36845600	51
35297340	43	35332634	99	35820646	101	36845725	145
35298512	65, 79	35332642	99	35820653	103	36847002	39, 41
35299403	105	35332659	99	35820661	105	36847838	83
35299429	105	35332675	99	35849348	101	36849925	155, 157, 159, 161, 163, 165, 175, 177, 179, 181
35299569	103, 105	35333715	129	35851195	101	36851533SB	229, 231
35299734	47	35333830	15	35857036	87	36853174	233
35299767	105	35336189	119	35859354	217	36853505	169, 183
35299775	101	35346741	13, 49, 53	35863638	91	36853521	65, 79, 151
35300110	83	35356484	57, 71	36090629	19	36854677	117
35300136	101	35356591	13	36504330	105	36856060	105
35300144	101	35358084	47	36504355	105	36862886	83
35300177	103	35360775	51	36514602	217	36863702	115
35300227	101	35361849	61, 75	36534642	217	36864288	167
35300771	51, 173	35365261	101	36534675	217	36864304	167
35301506	223	35365279	101, 103	36711083	101	36864346	83
35304047	15	35367044	153	36729416	99	36864361	85
35304666	13	35367051	153	36729465	99	36864379	85
35305648	225	35367069	97, 101	36729531	99	36865293	155
35306141	43	35367846	119	36754059	99	36867778	85
35306679	141	35369214	63, 77	36754141	101	36870350SB	149
35306687	227	35369339	57, 71	36754414	113	36870475	15
35307131	87	35369347	57, 71	36755718	119, 121, 123, 131, 133	36877991	23
35307552	109	35369354	57, 71	36756906	107	36878049	21
35307586	109	35369503	57, 71	36758142	101	36878254	141, 143
35307719	59, 67, 81, 223	35369800	15	36763670	43	36879195	59, 65, 73, 79, 83, 91, 107, 129, 139
35309210	53, 223	35373877	103	36764371	111	36879203	25, 45
35310226	115	35375385	97	36764389	111	36879302	25, 41
35310598	51	35388982	85	36774495	155, 157, 159, 161, 163, 165, 177, 179, 181	36879492	45, 111
35310994	131	35389964	61, 75, 225	36783488	149	36880128	15
35311471	131	35562156	149	36785145	227	36880995	83, 89, 91, 107, 129, 139
35313428	63, 77	35576115	141, 143	36786382	93	36881118	233
35315977	67, 81	35581792	223	36787968	153		
35321223	229, 231	35584556	43, 97	36788081	153		
35321389	47	35586288	119, 123, 133	36793578	227		
35321520	105	35594811	99	36793602	155, 157, 159, 161, 163, 165, 177, 179, 181		
35322346	127, 137	35594829	99	36794303	115		
35322379	125, 127, 135, 137	35594837	99	36794816	155, 157, 159, 161, 163, 165, 177, 179, 181		
35322395	57, 71	35594845	99	36799419	119, 123, 133		
35322502	121	35594860	99	36840411	115		
35323880	141, 143	35594878	99	36841526	117, 125, 127, 129, 135, 137, 139		
35323898	115	35594910	99	36842102	75, 151, 227		
35323922	115	35596626	101	36843282	155, 157, 159, 161, 163, 165, 167, 175, 177, 179, 181		
		35602796	87	36844074	47, 119		
		35603190	15	36844579	139		

NUMERICAL INDEX

PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE
36881704	97	39927496	105	46556491	53	46566779	83
36881886	45, 47, 49,	39927504	105	46556492	53	46566919SB	13, 17
57, 65, 71, 79, 83, 87,		39927512	101	46556493GA	167	46566921SB	13, 17
93, 117, 127, 137		39927520	101	46556494	51	46567039	151
36882223	129	39927538	101	46556495	83	46567879SB	171, 185
36888055	25, 89	39927546	101	46556499	123, 133	46568319GA	161
36889186	223	42469676	103	46556990	175, 215	46568519	111, 123
36889608	45,	44016442	25	46557109	147	46568771	63, 67
47, 49, 51, 53, 83, 87,		46490835	51	46557144	123, 133	46568879GA	155
89, 95, 127, 137, 145,		46491601	65, 79	46557159	107	46568880	155
155, 157, 159, 161,		46491635	217	46557160	107	46569259	147
163, 165, 167, 169,		46492252	65	46557244	87	46570199SB	171, 185
171, 173, 177, 179,		46499687	117	46557245	87	46570200SB	171, 185
181, 183, 185		46547790	117	46557256SB	83	46570201SB	169, 183
36892362	147	46547816	117,	46557260SB	13	46570202SB	169, 183
36893220	121, 123,	125, 135		46557279	155,	46570259SB	169, 183
125, 131, 133, 135		46547840	117	157, 161, 181		46570399SB	171, 185
36893329	217	46547857	115,	46557999	121, 131	46570400SB	169, 183
36893337	217	117, 123		46558799	123,	46570459GA	157
36893634	153	46547865	117	133, 147		46572839SA	51
36893642	153	46547881	129	46558802	147	46573339SB	15
36895746	49,	46547915	129, 139	46558803	147	46573659	223
53, 145, 155, 157, 159,		46547956	117, 139	46558804	147	46573862	213
161, 163, 165, 167,		46547980	129	46558805	147	46573925	213
169, 171, 173, 177,		46548020	117,	46558806	147	46574082	213
179, 181, 183, 185		125, 127, 135, 137		46559799	159,	46574100	201
36895860	153	46552078	139	163, 177, 179		46574101	201
36896579	83	46554147	15	46559800GA	159,	46574102	201
36896892	117	46554780	213	163, 177, 179		46574103	201
36897148	99	46554944	97	46559883	217	46574104	201
36897346	107	46554947	97	46560539SA	49	46574119	201
36898096	47,	46554971SA	49	46560542SA	49	46574421	191
63, 67, 77, 81, 87, 95,		46554974SA	49	46560680	45	46574422	191, 195
125, 135		46555680	87	46560839	125, 135	46574424	189,
36898104	31,	46555796SA	49	46561039	121	191, 195	
47, 63, 67, 77, 81, 87,		46555798SA	113	46561060SB	169,	46574425	189,
95, 125, 135, 145		46555809	111	171, 183, 185		191, 195	
36898310	125, 135	46555953	229, 231	46561719	125, 135	46574426	189,
36898328	141, 143	46556142	147	46561720	131	191, 195	
36899599	129	46556145	147	46561939	51	46574427	191, 195
36920338	229	46556146	151	46561940	51	46574428	195
36920346	229	46556308SA	51	46561941	119,	46574443	191
36920825	117	46556356	151	123, 133		46574449	191, 195
36921344	49,	46556378GA	157	46562044GA	179	46574479	203
145, 157, 159, 161,		46556379GA	157	46562054GA	181	46574480	203
163, 165, 175, 177,		46556380GA	165	46562055GA	181	46574481	203, 205
179, 181		46556381	165	46562056GA	181	46574482	203, 205
36922144	153	46556382GA	165	46562058GA	181	46574483	203, 205
36922995	121, 131	46556385GA	167	46562179SB	13, 17	46574485	203
37081528	129, 139	46556388GA	165	46562499	117	46574486	203
39102355	99	46556389GA	165	46564984	147	46574499	193,
39140512	107	46556392GA	167	46564985	147	197, 207, 209	
39871306	107	46556397GA	159	46564986	147	46574500	193,
39926787	103	46556398GA	163	46565099	215	197, 207, 209	
39926928	105	46556466	155	46565479	147	46574501	193,
39927058	105	46556490	53	46565979	61	197, 207, 209	

NUMERICAL INDEX

PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE
46574679SB	151	46590259SB	17	46607721	229	46636561	147
46574939GA	161	46590419	149	46607824	125, 135	46636563	145
46576459	189	46590420	149	46607825	125, 135	46640861	91
46576460	189	46590421	151	46608168	231	46641379	93,
46576461	189	46590459	201	46608801	117	95, 141, 143	
46576463	189	46591539	57, 71	46608803	127, 137	46641422	53
46576479	189	46593959	127, 137	46609199	59, 65, 73	46641460SB	17
46576480	189	46594302	147	46609799	59, 73	46641490	93
46576481	189	46594960	57	46612699	129	46641521	93
46576540	189	46594999	199	46612740	87	46641633	147
46576541	189	46595019	197, 209	46613540GA	155	46641757SB	13, 17
46576542	189	46595020	197	46614400	121	46643008	45
46576543	189	46595021	197	46614401	125, 135	46643140	91
46576579	189	46595022	193, 207	46614402	123, 133	46643141	95
46576580	189	46595023	193	46614403	123, 133	46643146	147
46576582	189	46595024	193, 207	46614404	119,	46645419	91
46576740	215	46595025	199	123, 133		46645420	91
46577179	111	46595026	199	46614405	131	46645679	173
46577180SA	113	46595027	199	46615380	43	46645703	55, 69
46577201	205	46595028	199	46615382	45	46646979	83
46577259	195	46595099	199	46615979	151	46646980	51
46577260	197, 209	46595100	199	46620183	119	46647799GB	45
46577263	205	46595139	159, 163,	46620443GA	155	46648199SB	89
46577264	205	165, 177, 179, 181		46620521GA	155	46648639SB	89
46577519	205	46595339	65, 79	46620563SA	113	46649259GA	89
46577520	203, 205	46595520	159,	46621316	215	46649431GB	173
46577521	203	163, 177, 179		46622061GA	167	46649501GB	173
46578019	97	46595719	125,	46622062GA	167	46649599	95
46578119	59, 73	127, 135, 137		46622649	227	46650022	93
46578120	59, 73	46595720	129	46622759GA	167	46650125	49
46578199SB	65, 79	46595721	129	46622920	201	46650305	215
46578804	15	46595800	137, 139	46622921	201	46650393SB	45
46579439	205	46597139	65, 79	46622960GA	155	46650395SB	83
46579440	205	46597199	209	46622961GA	161	46650882SB	93
46579819	195	46597220	211	46622963GA	161	46650952	53
46579823	195	46597222	211	46622964GA	163	46650999SA	53
46580700SB	83	46597223	211	46622965GA	159	46651000GA	167
46580979	59,	46597224	211	46622968GA	155	46651016	13, 17
67, 73, 81		46597225	211	46622969GA	175	46651027SB	89
46581099SB	87	46597339	207	46623036	167	46651028SB	89
46582799	145	46598639	173	46624100GA	179	46651029SB	89
46584719SB	223	46601059	175	46624182GA	177	46651125	93
46584822SB	223	46601060	175	46624546SB	39	46651126	93
46584919	87	46601399	125	46624600SB	39	46651130SA	89
46585559SB	129, 139	46602139GA	167	46625461SB	125, 135	46651131	87
46586499	55, 69	46602519	167	46625516	131	46651132	87
46586563	217	46602539	201	46627142	77, 81	46651142SB	173
46586599	215	46605126	91	46627819	93	46651143	87
46586779	73	46605128	91	46628021	59, 73	46651144	87
46586779SB	59	46606119	63, 77	46628068	125, 135	46651178	93
46587019SB	151	46607399	125, 135	46632179SA	127, 137	46651214SB	89
46587079	227	46607441	117	46634120SA	117	46651298GA	157
46587259	215	46607442	123, 133	46636141SA	49	46651321SB	173
46587460	53	46607444	175	46636459	117	46651329	93
46588919GA	177	46607640	229	46636464	147	46651331	93
46589179	97	46607641	229	46636560	147	46651334	93

NUMERICAL INDEX

PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE
46651335	93	46652621	75	46664105	87	54413117	213
46651336	93	46652733	75	46666162	217	54422522	51
46651347SB	173	46652867	77, 81	46666345SB	129, 139	54444427	51
46651352GA	157	46652904	95	46666638	231	54480298	229, 231
46651370	95	46652926SB	13	46666639	231	54489109	67, 81
46651371	95	46652927SB	13	46666788	45	54489125	67, 81
46651375SB	129	46652928SB	17	46670232	25	54496773	115, 227
46651406	93	46652930SA	117	46670315	31	54542535SA	97
46651413	93	46653145SB	55, 61	46670317	29	54568753	215
46651420	145	46653146SB	55, 61	46670318	33	54568761	217
46651469	87	46653158	43	46670319	33	54568779	215
46651471SA	49	46653161	43	46670320	33	54568787	215
46651472SA	49	46653409	95	46670321	33	54568795	215
46651477SA	49	46653644SA	49	46670322	33	54568803	217
46651528	87	46653661SB	151	46670325	33	54570122SB	43
46651586SB	89	46654478	219	46670326	33	54604921	215
46651622SB	95	46654753	127	46670327	33	54604939	217
46651709SA	89	46654795	141, 143	46670328	29	54604962	217
46651713GA	157	46654796	53	46670329	33	54604970	215
46651716SB	95	46654935	233	46671024	45	54604988	217
46651719	87	46654936	233	46671027	15	54605027	217
46651738SB	93	46654937	233	46671028SB	13	54625173SB	107
46651744	191	46654938	233	46671086	45	54629902	217
46651745	191	46654984	75	46671239	45	54641006SA	169,
46651746	191	46654984SB	69	46673152	33	171, 183, 185	
46651747	191	46654985	75	46673235SB	169,	54642152	119,
46651748	193, 207	46654985SB	69	171, 183, 185		123, 133	
46651749	191	46655068	45	46673356	43	54661426SA	49
46651751	127, 137	46655082SB	47	46673702	33	54668314	119,
46651754	191	46655083	47	46673729	33	123, 133	
46651774	191	46655196SB	47	46673730	33	54699400	215
46651840	89, 231	46655200SB	47	46673732	33	54700943	125, 135
46651873SB	223	46655240	47	46673733	33	54706825SB	149
46651939	13, 93	46655266	117	46673735	33	54715479	149
46651973	91	46655272	117	46673737	33	54715941	227
46651992SB	93	46655717	47	46673740	33	54718184	159,
46652058SB	87	46656763	127, 129	46673742	31, 33	163, 165, 167, 177,	
46652059	107	46656790	93	46673743	33	179, 181	
46652062	107	46656828	217	46673745	31	54720719	47,
46652063	107	46656836	117	46673752	31	229, 231	
46652201	217	46656863	51	46673753	29	54726575	63,
46652239GA	167	46656946	145	46673754	29	67, 77, 81	
46652291SA	145	46663048SB	87	46673755	29	54744149	111
46652310	201	46663052GA	161	46673756	29	54749155	227
46652322	117	46663053GA	161	46673757	29	54749205	217
46652350	93, 95	46663101GA	161	46673758	29	54762190	55, 69
46652351	93,	46663130	147	46673762	33	54774591	217
95, 141, 143		46663164	195	46673766	27	89297618	125, 135
46652352	53	46663165	195	46673767	27	92368687	43, 65,
46652354	95	46663166	195	46673768	27	79, 87, 145, 151, 155,	
46652356	53	46663177	195	46674062	121, 131	157, 159, 161, 163,	
46652479SA	187	46663178	195	46674248	139	165, 167, 169, 171,	
46652480SA	187	46663201GA	161	46674252	129	173, 177, 179, 181,	
46652547	95	46663260	145	54363536	103	183, 185, 227	
46652550	167	46663261	147	54392626	231	95052239	13, 17
46652618	215	46663263	147	54392634	231	95052247	13, 17

NUMERICAL INDEX

PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE
95053047	113	95922910	13	95935185	223	96701917	107
95064671	53	95922928	113	95935201	15	96702279	47
95104147	99	95923058	151	95935599	83	96702287	99
95219739	141	95923074	117	95936027	223	96702428	167
95219747 . . 55, 69, 77, 81, 107, 141, 143		95923207	19	95939492	15, 39	96702659	99
95220851	45	95923298	117, 125, 135, 151	95940748	115	96702824	63, 77
95245353 . . . 129, 139		95923314	155	95940912	115	96703012	29, 31
95249975	53	95923322	19, 149, 223	95940946	119, 121, 123, 125, 131, 133, 135	96703962	39
95257333	227	95923348	19	95941027	119, 123, 133	96704309	59, 65, 73, 79
95264776	51	95923363 . . 15, 19, 43		95941811	75	96704408	47, 65, 79, 89
95279105 . 63, 67, 107		95928040 . . 141, 143		95942108	111	96704630	25, 41
95279394	59, 63, 67, 73, 77, 81	95928172 . . 141, 143		95942553	83	96705025	45
95280541	111	95928222	99	95942611	153	96706080	101
95285599	103	95928255	61	95944567 . . . 123, 133		96706262 . . . 101, 103	
95293320 63, 77		95928800	147, 153, 227	95944633 . . . 123, 133		96716014	39
95352944	105	95929006	53	95947149	119	96716162	105
95357976	107	95929089	119, 121, 123, 125, 131, 133, 135	95953311	111	96719810	39
95358040	119, 121, 123, 125, 131, 133, 135	95929139	19	95953535	55, 69	96721154	95
95358214	101	95929782	53	95953873	55, 69	96727193	117, 145, 175
95358446	105	95930301	111	95953949 . . . 141, 143		96728555	39
95365094	47	95934253	43	95953956	67, 81, 115, 119	96730395	15
95371241	107	95934279	223	95954038	119, 121, 123, 131, 133	96735543	63, 77
95415667	119	95934303	53	95954079	39, 41	96738844	145
95437141	61	95934477	45	95954095 . . . 123, 133		96746078	59, 65, 73, 79
95452025	129	95934626	97, 99	95954202	53	96951421	53
95487773	55, 69	95934816	151	95954210	115	96951488	113
95592283	55, 69	95934998	57, 71, 155, 167	95954251	117	96952866	117
95603130	105	95935003	15, 113, 119, 123, 133	95954285 . . 55, 69, 111		96952874	47
95764767	121	95935011	43	95973228	59		
95772562 . . . 129, 139		95935029	117, 125, 135	95990735	13, 17		
95919676	19	95935037	149, 155, 223, 231	95994877	39, 41		
95920336	19	95935052	119	95996179	15, 39		
95920708	107			95996187	15, 39		
95922126 . . . 117, 153				96700901	13, 17		
95922282	15			96700919	97		
95922902	119, 123, 133			96701750	39		

WORD INDEX

A

Actuator, Linear	125, 135
Adapter	
1/2" NPT X -8 JIC	223
1/2" NPT X 8 JIC	53
3" NPT X Flat-Face Flange.	121, 123, 125, 131, 133, 135
3/8" NPTF X 9/16" - 18.	93
Barbed 3/8" Hose X 1/4" NPT.	51
Heater Hose	53, 141, 143
M14 - 1.5 X 1/4" NPT w/O-Ring	47, 229, 231
Adapter, Barbed	
1" X 3/4" NPT	45
Adapter, Swivel	
3/4" NPTF X 1-1/16" - 12	115
Adjuster	
For Knott Axle	37
Aftercooler	
High Pressure	125, 135
High Pressure, PED.	125
Aftertreatment	
DPF EI - EO, QSX15, T4F	91
SCR EI - EO, QSX15, T4F	91
Air Cleaner Assembly	83
Airend.	97
Alarm	
Audio Signal	227
Angle	
DEF Tank Support, Tandem	93
DPF Guard, HSRG	89
DPF Guard, STRG.	89
Antenna	
Telematics.	233
Arm	
Steering	31
Tank Cover Davit.	113
Axle	
Front, Wagon, 11,000 lbs	33
Axle Assembly	
Front, Wagon	25, 27
Rear, Wagon	25
Axle Beam	
Standard.	21

B

Baffle	
Cooler Streetside.	49
Cooler Top	53
Door Side	161
Drip Pan Access, Curbside.	171, 185
Drip Pan Access, Streetside.	169, 183
Front Inlet	169, 171, 183, 185
Inner Inlet, Curbside	171, 185
Inner Inlet, Streetside.	169, 183
Outer Inlet, Curbside	171, 185

Outer Inlet, Streetside	169, 183
Bail	
Lifting, 203mm Offset.	17
Tandem Lifting.	13
Tandem Lifting, 108MM Offset Aft.	13
Bar	
Shock Mount Restraint.	39, 41
Bar, Equalizer	19
Base	
Drip Pan, Curbside	187
Drip Pan, Streetside.	187
Battery	
12 VDC.	149
Battery Charger	
24 VDC.	227
Bearing.	101, 103, 105
Inner.	33, 35
Outer	33, 35
Bearing Cone	
Inner 387A	21
Outer	21
Bearing Cup	
Inner 382A	21
Outer	21
Belt	
Alternator	45
Engine Fan	45
Block	
Terminal 4-Point 3/8" Stud	151
Terminal, 8-Way X 2.	227
Body	
Unloader.	99
Bottle	
Radiator Overflow	51
Bowl	
Fuel / Water Separator.	59, 65, 73
Bracket	
7 Micron Fuel / Water Separator	59
7 Micron Fuel/Water Separator.	73
Air Cleaner	83
Airend Support	97
Battery Disconnect.	151
Blowdown Valve Mounting	127, 137
Circuit Breaker	151
Clamp Support	51
Coolant Control Valve	93
Cross Mount	117
DEF Hoses	95
Engine Support	43
Exhaust Support	87
Fan Clutch Control Valve	47
Front Mount.	13, 17
Fuel Pump Mounting	65, 79
Fuel/Water Separator Filter	65, 79
Fuse Block & Terminal Block	151
Harness Support	13, 17

WORD INDEX

Hose Clamp	47, 49
Hose Clamp, Fan Clutch	47
HP IQ Filter Mounting	129, 139
IQ Filter Mounting	129, 139
Louver Actuator	125, 135
Mounting MC-3	233
Murphy Oil Level	223
NOX Sensor	87
Oil Filter	107
Pipe Air Intake	83
Pipe CAC	83
Pressure Indicator	129
Pressure Switch	229, 231
Radiator Tube Clamp	51
Rear 3-light	167
Rear Mount, Wagon	17
Regulation Dual Pressure	117
Service Pipe Mounting	119, 123, 133
Tailpipe SPRT	87
Tandem Rear Mount	13
Turbo Guard to Engine	45
Bracket, Support	63, 77
Brake Assembly	
Cable And Lever	25
LH Electric	21
RH Electric	21
Brake Cable Assembly	25
Brake Shoe	
Complete For Knott Axle	37
Breaker	
Thermal Circuit 150A	151
Bumper	
Rubber	155
Bushing	99
1/4" X 1/8" NPT Female	123
3/4" NPT X 1/4" NPT Female Reducer	123
35 MM X 30MM	31
50 MM X 30MM	31, 33
Drive Coupling	97
Housing	99
Reducer 1-1/4" NPT X 1/2" NPT	115
Reducer 1/2" NPT X 3/8"	129
Reducer 1/4" NPT X 1/8" NPT	111
Reducer 3/4" NPT X 1/2" FNPT	141, 143
Reducer 3/4" NPT X 3/8" NPT	115
Reducer 3/8" NPT X 1/4" NPT	115
Reducer 3/8" NPT X 1/4" NPTF	129
Bushing, Hex Reducer	
3/4" NPT X 3/8" NPTF	67, 81
Bushing, Reducer	
1-1/2" NPT X 1/2" FNPT	111
1-1/2" NPT X 3/4" NPT	55, 69
1/2" NPT X 3/8"	139
1/4" NPT X 1/8" FNPT	115, 117
3/4" NPT X 3/8" NPT	119
3/8" NPT X 1/4" NPTF	139

C

Cable	
9-Pin Split Connector	225, 233
Battery Jumper 200mm	149
Battery Negative 450mm	149
Battery Positive 1750mm	149
Battery Positive Stud to Stud 525mm	151
Roof	167
Cable Tie	
1/8" X 8"	47
5/16" WD X 14.5"	13
Cap	105
-12 JIC	63, 77
-4 JIC	227
-6 JIC	47
-8 JIC	63, 77
Dust	33
External DEF Fill	93
Fuel Filler	61, 75
Grease Plug	21
Radiator	53
Cap, Rain5" EPA	87
Chain	
Safety	15
Channel	
Acoustic, Bottom Splitter, 4"	173
Acoustic, Top Splitter, 4"	173
Clamp	
1 1/2" ID Rubber Coated Support	145
11/16" ID Rubber Coated Support	145
14"	91
15/16" ID Rubber Coated Support	145
2-3/8"	93
5" OD Tube Seal	87
#5 Spacer	129, 139
Cable Nylon 3/8"	147
Cable Nylon 5/16"	147
Cable Nylon 5/8"	147
Constant Tension #12	53
Exhaust, Spherical Marmon, 5"	91
Hose #10	141, 143
Hose Constant Tension, #10	95
Hose, Constant Tension, #10	93
Muffler 2" ID	111
Rubber Coated, Support, 13/16" ID	95
Support 15/16" ID Rubber Coated	115
Support 3/8" Rubber Coated	229, 231
Support 9/16" Rubber Coated	151
Support, 1-1/16"	93
Support, 1/12" ID	47
Support, 13/16" ID	93
Support, 3/8" ID	89
T-Bolt, 5-29/32" ID	91
V-Band 4"	87
Clamp w/ O-Ring	129
Clamp, Hose	

WORD INDEX

1-5/16" - 2-1/4"	55, 69	1/4" NPT X -4 JIC	129
13/16"	47, 63, 77	1/4" NPT X -6 JIC	139
Clamp, Hose Wormgear		1/4" NPT X 3/8" Tube	57, 71
1/4" - 5/8" ID	51	1/4" NPTF	131
7/16" - 3/4" ID	51	1-7/8" - 12 X -24 JIC	107
Clamp, Marmon		1/8" NPT X 1/4" Tube Brass	129
5" X 70°	87	3/4" FNPT X -12 JIC	63, 77
Clamp, Muffler	87	3/4" NPT X -12 JIC	107, 141, 143
5"	87	3/4" NPT X -8 JIC	141
Clamp, Pinch		3/8" NPT X 3/8"	13
1-3/8" - 1-1/2" SST	93	4" Ribbed	51
Clamp, Rubber Coated Support		Hose, 3/8" NPT X 3/8" Push Lock	93
1" ID	95	JIC X 1/2"NPTF	53
Clamp, Saddle		M18 X -8 JIC	47, 223
2"	107	Connector, 1/4" NPT X 3/8" Tube	117
2.5" ID	51	Connector, Female	
4" ID	51	3/4" NPT X -8 JIC	63, 77
6" ID	83	Connector, Male	
Clamp, Spring Loaded T-Bolt		2-1/2" -12	107
3-1/4" - 3-1/2" ID	51	Connector, Swivel	
4" - 4-5/16" ID	51	3/4" - 16 X -8 JIC	53
Clamp, Support	63	Connector, Swivel Nut	
1/12" ID	13	1/4" NPT X -6 JIC	119
1/2" ID Rubber Coated	15	Controller	
1/4" ID (Mount Using Existing Screw Mounting		Fan Clutch	47
Ether Bottle)	233	Titan Large Compressor	145
11/16" ID	13	Titan, Generic	227
11/16" ID Rubber Coated	47	Controller Assembly	
13/16" ID	13, 73, 81	IQ TCU	145
15/16" ID Rubber Coated	95	Cooler Assembly	51
3/8" ID	87	Cooler, CAC	53
3/8" Rubber Coated	125, 127, 135, 137	Cooler, Oil	53
9/16" Rubber Coated	57, 71	Coupler	
Clamp, Support 11/16" ID Rubber Coated	117	3/4" Quick Connect Female	67, 81
Clamp, T-Bolt		3/4" Quick Connect Male	67, 81
5-1/2" Nom. ID	83	Coupling	
6-3/4" Nom. ID	83	1/8" NPT X 3/4"	83
8-7/8" Nom. ID	83	Cover	101
Clamp, T-Bolt 2-7/8" - 3-3/16" ID	51	Battery	149
Clamp, Worm Gear		Cooler Access	49
13/16" to 1-1/2"	45	DEF Hoses	95
Clip		Fuel Fill	225
Battery Frame	149	Fuel Tank Cleanout	61, 75
Clutch		Fuel Tank Filler	75
Fan	45	Fuse/Relay Center	151
Connector		Instrument Panel Rear	145
-10 JIC X 1/2" NPT	225	Piston	99
-12 JIC X 3/4" NPT	55, 69, 77, 81	Switch Padlockable	147
-4 JIC X 7/16" -20 UNF SAE O-Ring	47	CoverFuel Fill	61
-6 JIC Bulkhead	119	Cross	
-6 JIC X 3/8" NPT	121, 127, 137	1/4" NPT Female	117
-6 JIC X 9/16" -18 UNF SAE O-Ring	47	Cuff	
-8 JIC X 1/2" NPTF	53	Brake Rod For Knott Axle	37
-8 JIC X 3/4" -16 UNF SAE O-Ring	47		
1/2" X 3/8" Barbed	53		
1/4" FNPT X 3/8" Tube	57, 71		

D

Decal

WORD INDEX

24" X 11" Doosan Tri-Colored Boxes	213
3-Part Warning	217
55" Doosan Logo	213
AC Air Valves	217
AC Logo	217
AC Operation Diagram	123, 133
AC Valve Operation	217
Auto Start/Stop	227
Battery Charger	227
Battery Disconnect	215
Canadian Transport	215
Central Drain	217
Collapsing Jack	217
Conspicuity 2"	217
Conspicuity White 2" X 12"	217
Containment	217
DEF Corrosion	217
DEF Drain	217
Diesel Exhaust Fluid	217
Door Under Pressure	217
Doosan 33" Black Website	213
Dual Pressure Valve Operation	117
Emergency Stop	217
Environmental	213
Exhaust Gas	217
Fuel Return	175
Fuel Supply	175
Galvannealed	213
Guards in Place	215
Hazardous Voltage	217
Hot Pressurized Fluid	217
Hot Radiator Fill	217
Hot Surface	217
HP1600 Gradient Model Number	213
Improper Operation	215
IQ Air Valves	217
IQ Logo	217
IQ Operation	215
IQ Valve Operation	217
ISO Combustible	215
ISO Fall Off Unit	217
ISO High Pressure Air	215
ISO Lift Point	215
ISO Oil Fill	215
No Weld	217
Noise Emission	217
Oil Level	215
Operating Instructions	215
Operator Panel Interpretation T4F	215
Overflow Bottle	215
Remote Fuel Tank Valve	175
Rotating Fan	215
Separator Tank Drain	217
T4 Engine & Compressor Oil	215
Tow Notice	215
Ultra Low Sulfer Diesel Fuel	215

Ultra Low Sulphur	175
VIN	217
Decal Sheet	
EEC	219
Diaphragm	99
Door	
Control Panel	155
Cooler Access	159, 163, 177, 179
Front	155
Lift Bail Access	167
Radiator Fill	167
Rear	181
Rear, Tandem	165
Side	161
Side Access	157
Side Access, Hinge, LH	161
Side, Louver Bottom	161
Dowel	101, 103
Drawbar	
Wagon	29
Drawbar Assembly	15
Wagon	27
Drive Coupling Assembly	97
Drive, Ring	97
Drum	35
Dust Cap	35

E

E-Stop Assembly	145
Elbow	
-10 JIC X -10 JIC Female	225
-6 JIC X 1/4" NPT 90°	129
-6 JIC X 1/4" NPT, 45°	125, 135
45° -12 JIC X -12 JIC Female	115
45° 1/4" NPT X -4 JIC	229, 231
45° 1/4" NPT X -6 JIC	117, 127, 137
45° 1/4" NPT X 3/8" Tube	47
45° 1/8" NPT	115
45° 3/4" NPT X -8 JIC	63
45° 3/4" NPTF X -12 JIC	67
45° 9/16" - 18 X -6 JIC	47
45° JIC -4 X 1/2" UNF SAE O-Ring	47
45° Tube 3/4" NPT X -12 JIC	107
90° - 8 JIC X 7/8" - 14	73
90° -8 JIC Swivel	141
90° -8 JIC X -8 JIC Female	67, 81
90° -8 JIC X 3/4" NPTF	143
90° 1-1/16" - 12 X -12 JIC W/O-Ring	111
90° 1/2" NPT X -8 JIC	53
90° 1/4" FNPT X -6 JIC	121
90° 1/4" NPT	117, 123, 133
90° 1/4" NPT X -6 JIC	119
90° 1/4" NPT X 1/4" Tube	129
90° 1/4" NPT X 3/8" Tube	57, 71
90° 1/4" NPTF X - 6JIC	145
90° -10 JIC X 5/8" SAE	65

WORD INDEX

90° 3" NPT	119
90° 3/4" NPT x -10 JIC	73
90° 3/4" NPT X -10 JIC	59, 63, 67, 77, 81
90° 3/4" NPT x -8 JIC	73
90° 3/4" NPT X -8 JIC	59, 63, 65, 67, 77, 79, 81
90° 3/8" NPT X -10 JIC	65, 79
90° 3/8" NPT X -6 JIC	119
90° 5/8" - 14 O-Ring X -10 JIC Swivel	59
90° 7/8" - 14 O-Ring X -8 JIC Swivel	59
90° 7/8" - 14 UNF	79
90° 9/16" - 18 X -6 JIC	47
90° Extra Long -8 JIC X 3/8" - 18 NPT	65, 79
90° Reducer 1-1/4" NPT X 1-1/2" NPT	111
90° Street 3/4" NPT	141, 143
90° Street M27 - 2.0 X -12 JIC	141
90° Swivel Nut -8	223
90° Tube -32 JIC X 2-1/2" -12 w/ O-Ring	107
90°, -12 JIC	223
90°, -12 JIC X 3/4" NPT	223
90°, 1/2" NPT X -8	223
90°, 3/8", J2044 X 3/8" Hose Barbtail	95
90°, M27 X -12 JIC	223
90°, -4 JIC X 1/8" NPT	227
Compression	111
Exhaust, 5" Spherical Flare X 5" Spherical Marmon	91
Exhaust, 90 Deg., 127 Dia., 199 Inlet, 166 Outlet	91
Elbow, Rubber	
90°, 5"	83
90°, 8" ID	83
Elbow, w/O-Ring	
90° - 10 JIC X 7/8" - 14	73
Element	
Drive Coupling	97
Fuel Filter	65
Fuel Filter 7 Micron	59, 73
Oil Filter	107
Primary	85
Safety	85
Separator	113
Thermostat	109
Engine	
Cummins QSX15-T4F, No Fan Drive	45
Expander	
For Knott Axle	37
Eyebolt	
5/16" - 18	155
F	
Fan	
56" 10 Blade	45
Fiberglass	
Acoustic Splitter, 4"	173
Filter	
DEF, Pump	95

Fuel / Water Separator 7 Micron	59
Fuel Tank Vent 5 Micron	57, 71
Fuel/Water Separator	65, 79
Fuel/Water Separator 7 Micron	73
Primary	129
Secondary	129
Filter Element	
Fuel Tank Vent 5 Micron	57
Fitting	
1/8" X 1/8"	227
Orifice 0.063"	129
Scavenge Tube	115
Fitting, Barbed	
1-1/2" NPT X 2"	55, 69
Fitting, Orifice	
1/16"	139
3/32"	125, 135
5/32"	127, 137
Foam	
Acoustic, Louver Box Side, 1"	195
Frame	13, 17
Battery Holder	149
Door Curbside	161
Door Side	161
Door Streetside	157
Door Streetside Rear	157
Door, Cooler Access, Curbside	163, 179
Door, Cooler Access, Streetside	159, 177
Front Door	155
Front Remote Fuel Door, Curbside	175
Rear Door	181
Rear Door, Tandem	165
Fuel Pump Assembly	65, 79
Fuse	
Relay Center	151

G

Gasket	99, 101, 103, 105
Cover	75, 225
Exhaust 4"	87
Exhaust, Spherical Marmon, 5"	91
Fuel Level Sender	61, 75
Inner Shield	113
Unloader	99
Valve	109
Gasket, Cover	61
Gasket, Exhaust	
5"	87
Gauge	
Airend Discharge Temperature	147
Def Level	147
Engine Coolant Temperature	147
Engine Oil Pressure	147
Fuel Level	147
Oil Level	223
Pressure Mechanical	147

WORD INDEX

Tachometer	147
Voltmeter 24VDC	147
Gauge, Pressure	
0 - 250 PSI	123, 133
Gear Case	101
Gear Set	101
Grease Cap	21
Grommet	99
3/4" ID	127, 137
3/4" ID X 1/8" Gap	51
Clearance Lamp	153
Reflector	153
Rubber, 1 - 1/8" X 1"	95
Guard	
Fan	49
Turbo Cummins	45

H

Hand Hold	83
Harness	
AC Option	139
Compressor Cummins QSX15-T4F	43
Engine AC Heater 120VAC	229
Engine AC Heater 240V, 3600W With Terminal Block	231
Engine Cummins QSX15-T4F	43
Ether, Solenoid, Relay	43
Fan Clutch	45
IQ Option	129
Operator Panel	147
Harness, Trailer	
Tail Light w/ 7-Way Semi-Connector	15
Head	
Dual Filter	107
Heater	
3/4" Hex 24 VDC	125, 135
3/4" Hex 24VDC	127, 129, 137
Battery Pad, 240V, 75W, 495MM X 267MM, 3 Pin	231
Cylindrical 24VDC	117
Dual Lead Battery Pad	229
Engine Oil Pan 120VAC 150W	229
Engine Oil Pan 240VAC 150W	231
Single Lead Battery Pad	229
Heater, 3/4" Hex 24 VDC	117
Heater, Cylindrical	
24 VDC	45
Heater, Hex	
3/4" 24VDC	139
7/8" 24VDC	117
Heater, Regulator	
24VDC	117
Hinge	
Cooler Door Access	159, 163, 177, 179
Door	155, 157, 161, 181
Operator Panel Door	155

Panel SST	145
Rear Door, Tandem	165
Roof Door	167
Holder	
Door	155
Door T-Latch 2.50	157, 159, 161, 163, 177, 179
Door, T-Latch 2 - 1/2"	175
Door, T-Latch 2.50	165, 181
Door, T-Latch, 2 - 1/2"	155
Hose	
- 6 JIC X 34"	145
-10 JIC X 100	225
-10 JIC X 12"	63, 77
-10 JIC X 1223 MM	63
-10 JIC X 27"	73
-10 JIC X 34"	67, 81
-10 JIC X 38"	67, 73, 81
-10 JIC X 48"	65, 79
-10 JIC X 48" 90° Elbow	67
-10 JIC X 68 - 1/2" 90° Elbow	77, 81
-12 JIC X -10 JIC X 2032 MM	63
-12 JIC X -10 JIC X 21 - 1/2"	67, 77, 81
-12 JIC X 138"	141, 143
-12 JIC X 17"	107
-12 JIC X 175"	141, 143
-12 JIC X 30"	223
-12 JIC X 79"	141, 143
-12 JIC X 88"	115
-24 JIC X 47"	107
-4 JIC X 14"	129
-4 JIC X 19"	129
-4 JIC X 48"	229, 231
-4 JIC X 74"	115
-4 X 18"	47
-4 X 48"	47
-6 JIC X 100"	137, 139
-6 JIC X 110"	125, 127, 135, 137
-6 JIC X 17"	117
-6 JIC X 18"	117
-6 JIC X 22"	117, 121
-6 JIC X 30"	125, 131, 135
-6 JIC X 34"	119
-6 JIC X 39"	131
-6 JIC X 52"	119
-6 JIC X 75"	127
-6 JIC X 94"	117
-6 X 75" w/ Brass Ends	129
-8 JIC X -10 JIC X 38"	59
-8 JIC X 18"	67, 81
-8 JIC X 23"	143, 223
-8 JIC x 30"	65, 79
-8 JIC X 34"	63, 77
-8 JIC X 48"	59, 67, 81, 223
-8 JIC X 56"	141
-8 JIC X 77"	73
-8 JIC X 90° JIC X 48"	47

WORD INDEX

Def Tank Fill	93
DEF Tank Vent	93
JIC -6 X 34"	47
JIC -6 X 52"	47
Hose Assembly	
DEF Return, Heated, 78 - 3/4"X 90°	95
DEF Suction, Heated, 78 - 3/4"X 90°	95
Hose Assembly, Heated EPDM DEF Pressure	
2.5M 90 X 90	95
Hose, Coolant	
63.5mm ID X 140mm	51
Hose, Fuel	
1-1/2" ID X 15-1/2"	69
1-1/2" ID X 2" OD	55
Hose, Rubber	
3/8" ID	51
Hose, Silicone	
Coolant 5/8" ID	141, 143
Coolant, 3/8" ID	93
Coolant, 5/8"	93
Hose, Silicone Coolant	
3/8" ID	95
5/8" ID	95
Hose, Silicone, Coolant	
3/4"	53
Hose, Straight Bellows	
4" - 3"	51
Hourmeter	
Digital	147
Housing	
Front Bearing	101
Piston	99
Rear Bearing	105
Rotor	103
Hub	
Axle, Front, Wagon	33
Hub And Drum Assembly	21

I

Indicator	
DIF 20PSI	129
Insert	
Tube 1/4" OD X 3/4"	111
Insulation	
Exhaust Diesel Particulate Filter In	87
Exhaust Turbo Out.	87
Exhaust Turbo Out Cooler Side	87
Isolator	
Shear Mount	39, 41

J

Jack Assembly	15
-------------------------	----

K

Key	101
Bushing	97
Kit	
AC Heaters, 120V	229
AC Heaters, 240V 360W With Terminal Box	231
Ether QSX15	43
Oil Temperature Bypass Elements	109
Knob	
Control With Set-Screw	147

L

Laminate	
Gauge Panel J1939 T4F	147
Operator Panel	147
Lamp	
Clearance Red	153
Clearance Yellow	153
Panel, LED, Red 24VDC	227
Stop - Turn & Tail	153
Utility 12/24 VDC	145
Latch	
Door	155, 157, 159, 161, 163, 165, 167, 177, 179, 181
Drawbar, Assembly	31
Lever	
3-Way Valve	63, 67, 77, 81
Brake For Knott Axle	25
Light	
Identification	153
License	153
Link	
Coupling	15
Steering	33
Locknut	101
Conduit, 1/2" NPT	169, 183
Louver	
Aftercooler	125, 135

M

Module	
Telematic	233
Module, DEF Tank Header	93
Module, Doser Fluid Supply	95
Mount	
Center Bond	43, 97
Oil Replenishment Tank	223
Muffler	
Exhaust 5" Inlet/Outlet	87

N

Nipple	
1 - 1/2" NPT X 1 - 3/4"	69
1-1/2" NPT X 1-3/4"	55

WORD INDEX

1-1/2" NPT X 6"	69
1/2" X 1-1/8"	223
3" NPT X 19-1/4" Schedule 80	139
3/8" NPT X 1"	129, 139
Extra Strong, Pipe 3" NPT X 3"	121, 131
Pipe 1-1/2" NPT	111
Pipe 3/4"	141, 143
Pipe Extra Strong 3" NPT X 3"	119
Short 1/4" NPT X 7/8"	129
Nipple, Extra Strong, Pipe 3" NPT X 3"	123, 133
Nipple, Hex 1/2" NPT X 1/4" NPT	117
1/4" NPT	125, 135
1/4" NPT SST	117
Nipple, Long 1-1/2" NPT X 6"	55
Nipple, Pipe 3" NPT X 3"	125, 135
Nipple, Short 1/4" NPT X 1-1/2"	123, 133
Nut	21, 35
Flange, M08 - 1.25	93
Flange, M10 - 1.5	91
Hex #10 - 32 Stainless Steel	147
Hex 1/2" - 13	123, 133
Hex 1/4" - 20	151
Hex 10 - 32	153
Hex 3/8" - 16	223
Hex Flange M10 - 1.5	129
Hex Flange Nylon Insert #10 - 24	153
Hex Lock Washer 3/8" - 16	149
Hex M16 - 2	39, 41
Hex Nylon Insert 3/8" - 16	149
Hex Nylon Insert M14 - 2.0	39
Hex, M06 -1.0	31
Jam, M16 -1.5 DIN 936	33
Locking, 5/16" - 18	155
Locking, M10 - 1.5	155
Lug, M16 X 1.5	33
M10 -8 DIN 934	25
M16 -1.5 DIN 980-10	33
M16 X 1.5	35
M27 -3.0 DIN 980	29
Nylock, #10 -32 UNF	227
Slotted, M36 -3	33
Tube JIC -8	47
Nut, Cone 5/8"	21
Nut, Hex 1/2" - 13	119
1/4" UNF	151
3/4" - 10	113
5/16" - 18	53, 125, 135
5/16" - 24	117
5/8" - 11	13

M06 - 1.0	47, 87, 125, 135, 145
M08 - 1.25	49, 63, 65, 77, 79
M10 - 1.5	73
M20 - 2.5	43
Nut, Hex Flange	
M06 - 1.0	63, 67, 77, 81, 95
M08 - 1.25	45, 47, 57, 71, 83, 87, 127, 137
M10 - 1.5	59, 65, 79, 83, 107, 139
Nut, Hex Lock	
1" - 8.	15
Nut, Hex M08 - 1.25	117
Nut, Hex Nylon Insert	
1" - 8.	15, 19
1/2" - 13	19
1/4" - 20	117, 125, 127, 135, 137
3/4" - 10	19, 43
M12 - 1.75	15
M16 - 2 X 50	25
Nut, Hex Nylon Lock	
3/8" - 16	19
Nut, Hex Serrated Flange	
M12 - 1.75	25
Nut, Hex, Flange Serrated	
M12 - 1.75	45
Nut, Lock	
1"-8.	39
Nut, Retainer	
5/16" - 18	13, 49, 53
Nut, Spindle	21
Nut, Wing	85
Nutsert	
Hex M06 - 1.0	145
Hex M08 - 1.25	145
Hex, M06 - 1.0	157, 159, 161, 163, 165, 175, 177, 179, 181
Hex, M08 - 1.25	155, 157, 159, 161, 163, 165, 167, 169, 171, 173, 177, 179, 181, 183, 185
M06 - 1.0	49
Nutsert, Hex	
M08 - 1.25	49, 53

O

O-Ring	21, 59, 99, 101, 105
2-11/32" ID	111
2.25" ID X 0.125"	107
3-3/8" ID	121, 123, 125, 131, 133, 135
3-3/8" ID X 1/8" Cross Section	119
Oil Seal	21
Orifice	
5/32" X 1/4" NPT	117
Curbside	49
Streetside Fan	49

P

Pan

WORD INDEX

External DEF Fill Spill	93	Acoustic Top Rear Door Frame SS 2"	191, 195
Louver Bottom, Drip, Curbside	171, 185	Acoustic, Aft CS	209
Louver Bottom, Drip, Streetside	169, 183	Acoustic, Aft SS	207
Panel		Acoustic, Cooler Access, CS	209
Acoustic Bottom Door 1"	191	Acoustic, CS Louver Bottom, 1"	195
Acoustic Cooler Access CS 2"	197, 209	Acoustic, Door Bottom, 2"	195
Acoustic Cooler Access Mid Door 2"	193, 197, 207, 209	Acoustic, Door Center, 2"	195
Acoustic Cooler Side Access Door 2"	193, 197, 207, 209	Acoustic, Door Top, 2"	195
Acoustic Ctrl Panel Cover Rear 2"	203	Acoustic, Louver Box Back, 2"	195
Acoustic Door Bot 2"	195	Acoustic, Side Door Frame Remote Fuel, 2"	195
Acoustic Door Bottom 2"	191	Acoustic, SS	207
Acoustic Door Hatch 1"	201	Base Gauge J1939 T4F	147
Acoustic Door Louver Box Rear SS 2"	191	Base Operator Panel	147
Acoustic Drip Pan Access Interior Side CS 1"	205	Cooler Access Aft Acoustic CS	197
Acoustic Drip Pan Access Interior Side SS 1"	203	Cooler Access Panel Aft Acoustic SS	193, 207
Acoustic Drip Pan Exterior Side Access CS 2"	205	Cooler Cleanout	49
Acoustic Drip Pan Exterior Side Access SS 2"	203	Door Frm Cooler Access SS 2"	193, 207
Acoustic Drip Pan Front Side CS 2"	205	Door Lower Acoustic	189
Acoustic Drip Pan Rear CS 2"	205	Door Middle Acoustic	189
Acoustic Drip Pan Rear Side CS 2"	205	Door Upper Acoustic	189
Acoustic Drip Pan Rear SS 2"	203	Fbrgl Rear Roof Extension 2"	201
Acoustic Drip Pan Side SS 2"	203	Front Corner Acoustic SS	189
Acoustic Front Door Frame SS 2"	191	Front Corner Bottom Acoustic CS	189
Acoustic Front Inlet Baffle 1"	205	Front Corner Inner Acoustic CS	189
Acoustic Front Inlet Baffle 2"	203, 205	Front Corner Inner Acoustic SS	189
Acoustic Fwd Door Frame SS 2"	191	Front Corner Louver Box Inner Acoustic SS	189
Acoustic Inner Inlet Baffle 1"	203, 205	Front Corner Louver Box Rear Acoustic CS	189
Acoustic Inner Inlet Baffle SS 2"	203, 205	Front Corner Louver Box Rear Acoustic SS	189
Acoustic Louver Box Side SS 2"	191	Front Corner Louver Box Side Outer Acoustic SS	189
Acoustic Louver Side SS 1"	191, 195	Front Corner Lower Acoustic CS	189
Acoustic Mid Door 2"	191, 195	Front Corner Lower Acoustic SS	189
Acoustic Mid Front Roof 1"	201	Front Corner Top Acoustic	189
Acoustic Mid Louver Door SS 2"	191	Front Door Frame Side Acoustic CS	189
Acoustic Mid Roof 1"	201	Front Door Frame Top Acoustic	189
Acoustic Mid Roof Side 1"	201	Front, Curbside	155
Acoustic Mid Roof SS	201	Front, Streetside, Control	155
Acoustic Outer Inlet Baffle 1"	203, 205	Intake Louvered Curbside	161
Acoustic Rear & Front Door Frame Side SS 2"	195	Intake Louvered Streetside	157
Acoustic Rear and Front Door Frame Side SS 2"	191	Rear Corner, Streetside	181
Acoustic Rear Door Frame Side CS 2"	195	Rear Corner, Tandem, Streetside	165
Acoustic Rear Door Frame SS 2"	191	Rear, Curbside	179, 181
Acoustic Rear Roof	201	Rear, Streetside	177
Acoustic Rear Roof 1"	201	Rear, Tandem, Curbside	163, 165
Acoustic Rear Roof CS 1"	201	Rear, Tandem, Streetside	159
Acoustic Rear Roof SS 1"	201	Roof Center Section	167
Acoustic Top Door 2"	191, 195	Roof, Rear	167
Acoustic Top Front Door Frame SS 2"	191, 195	Roof, w/Lift Bail Access, WiFi	167
Acoustic Top Front Louver Door SS 2"	191	Panel Assembly	
		8 Gauge	145
		Operator T4F	145
		Panel, Fiberglass	
		Door Bottom	211
		Door Lower	199
		Exhaust Plenum Aft CS	197
		Exhaust Plenum Aft SS	193

WORD INDEX

Exhaust Plenum Fwd CS	197
Exhaust Plenum Fwd SS	193
Rear	211
Rear Corner Inner	199
Rear Corner Outer CS	199
Rear Corner Outer SS	199
Rear Door Middle	199, 211
Rear Door Top	199, 211
Vertical Filler	199, 211
Pin	101, 103
25 MM X 60 MM	33
35 MM X 305 MM	29
50 MM X 154 MM	33
50 MM X 180 MM	33
Cotter, 6 X 63	33
Cotter, 6.3 MM X 45	33
Pin, Cotter	35
Pintle Eye	
Drawbar, Wagon	29
Pintle, Eye	15
Pipe	
Discharge Safety Valve	111
Piston	99
Plate	
Clamp	103, 105
Pin, Anti-Rotation	29
Serial Number	155
Shaft Retention	29
Spring Mount	33
Plug	99
1/2"NPT Pipe	223
7/8" - 14 O-Ring	59
Hex, 1/4" NPT	123
O-Ring 7/8" - 14	73
Oil Filler	111
Plug, Hex	
1-1/16" - 12	111
1/4" NPT	119, 121, 131, 133
2" NPT	75
7/8" - 14 UNF w/O-Ring	65, 79
Countersink 3/4" NPT	119
Plug, Hex Socket	
1/2" NPT	61
Plug, Square Head	
2" NPT	13, 17, 61
3/4" NPT	13, 17
3/8" NPT, Plastic	13, 17
4" NPT	13, 17
Pouch	
Literature	169, 183

R

Radiator	53
Rail	
Roof Rear	167
Roof Rear Side	167

Receptacle	
Quarter-Turn Clip-On	145
Reducer	
-8 JIC X -4 JIC	47
Reducer, Hose	
8" X 6"	83
Regulator, Pressure	
200 PSI	117
Relay	
100A 24V	65, 79
24V SPDT	147
24V SPST 100 A	151
Retainer	145
Retaining Ring	103
Ring	21, 35
Hub, Inner	33
Rivet	
0.187" Dia.	155, 157, 159,
161, 163, 165, 177, 179, 181	
0.19" Dia.	155
0.19 Dia. ID	157, 159,
161, 163, 165, 177, 179, 181	
0.19" Dia. ID	167
3/16"	233
3/16" Dia., ID	175
Roof	
Front	167
Rotor Set	103

S

Screw	
1/2" -13 UNC X 2-3/4"	45
Carriage Round 3/8" - 16 X 1-1/4"	223
Flange, 5/16" - 18 X 75	165
Flange, M08 - 1.25 X 20	89
Flange, M08 - 1.25 X 25	157,
159, 161, 163, 167, 177, 179	
Hex 1/4" - 20 UNC X 1/2"	129
Hex 1/4" - 20 X 1"	151
Hex 5/8" - 11 X 1-1/4"	223
Hex Flange M10 - 1.5 X 30	129
Hex M06 - 1.0 X 12	231
Hex M06 - 1.0 X 14	145
Hex M08 - 1.25 X 20	145, 223, 229, 231
Hex M08 - 1.25 X 25	145
Hex Socket M06 - 1.0 X 20	145
Hex, 5/16" - 18 X 75"	157,
159, 161, 163, 177, 179	
Hex, Flange, - 1.0 X 20	95
Hex, Flange, 5/16" - 18 X 3/4"	95
Hex, GR8.8 M16 - 2.0 X 40	105
Hex, M05 - 0.8 X 8	93
Hex, M08 - 1.25 X 20	175, 187
Hex, M08 - 1.25 X 25	89, 155, 165,
169, 171, 173, 181, 183, 185	
Hex, M08 - 1.25 X 70	93

WORD INDEX

Hex, M08 - 1.25 X 90	95	M08 - 1.25 X 20	73, 125, 127, 135, 137
Hex, M10 - 1.5 X 45	167	M08 - 1.25 X 25	99
Hex, M10 X 30	103	M08 - 1.25 X 30	57, 71
Hex, M12 - 1.75 X 40	105	M10 - 1.5 X 20	45, 47
Hex, M12 X 40	103	M10 - 1.5 X 30	107
Hex, M16 - 2.0 X 45	103	M10 - 1.5 X 35	59, 73
Hex, M20 - 2.5 X 06	105	M10 - 1.5 X 35"	65, 79
Hex, Slotted, #10 -32 UNF X 1"	227	M10 - 1.50 X 25	99
Hex, Socket, M06 -1.0 X 20	29, 31	M12 - 1.75 X 40	101
Hex, Tapping, M04 -0.70 X 25	227	M12 - 1.75 X 50	15
Hex, Tapping, M06 -1.0 X 14	227	M14 - 2.0 X 14	39
Hex, Tapping, M08 - 1.25 X 20	95	M14 - 2.0 X 40	39
Locking, M10 - 1.5 X 30	89, 91	M16 - 2.0 X 45	101
Locking, M12 - 1.75 X 30	89	M16 - 2.0 X 50	41
M06 - 1.0 X 12	167	M16 -2 X 50	25
M12-1.75 X 60	45	M20 - 2.5 X 50	99
M16 -1.5 X 20 DIN 931	33	M20 - 2.5 X 60	43
Panhead Phillips 10 - 32 X 7/8"	153	M20 - 2.5 X 90	97
Round Head Slotted #10 - 24 X 5/8"	153	M8 - 1.25 X 25	47
Set, M16 -1.5 X 40 MM	33	Screw, Hex Flange	
Tapping 10 - 32 X 1"	151	1/4" - 20 X 5/8"	75
Tapping 3/8" - 16 X 3/4"	149	3/8" - 16 X 1"	107
Tapping M04 X 25	145	5/16" - 18 X 3/4"	125, 135
Tapping M06 - 1.0 X 14	151	M06 - 1.0 X 20	47,
Tapping M08 - 1.25 X 20	149, 151	63, 67, 77, 81, 87, 95, 125, 135	
Tapping, M06 - 1.0 X 12	93,	M08 - 1.25 X 20	65, 79, 117
95, 155, 157, 161, 173		M08 - 1.25 X 25	45,
Tapping, M06 - 1.0 X 14	155,	49, 51, 53, 83, 87, 95, 127, 137	
157, 159, 161, 163, 165, 167, 169, 171, 173,		M10 - 1.5 X 30	107, 139
177, 179, 181, 183, 185		M12 - 1.75 X 25	45, 111
Tapping, M06 - 1.0 X 20	173	Screw, Hex Flange Lock	
Tapping, M08 - 1.25 X 20	89, 93,	5/16" - 18 X 3/4"	49
155, 157, 161, 165, 175, 181		Screw, Hex Head	
Screw, Flange		M08 -1.25 X 20	63, 77
M08 - 1.25 X 20	47	M08-1.25 X 20	63, 77
Screw, Hex		M20 - 2.5 X 40	13, 17
1" - 8 X 3-1/2"	15	Screw, Hex Head Flange	
1" - 8 X 6"	19	M10 - 1.5 X 30	83
1" X 3-1/2"	39	Screw, Hex Lock	
1/2" - 13 X 1"	99	1/4" - 20 UNC X 5/8"	61
1/2" - 13 X 1-1/2"	107	Screw, Hex M16 - 2 X 40	97
1/2" - 13 X 1-1/4"	113	Screw, Hex Serrated Flange	
1/2" - 13 X 4-1/2"	19	M12 -1.75 X 30	25
1/2" - 20 X 1"	39, 41	Screw, Hex Tapping	
1/2" - 20 X 2"	39, 41	M06 - 1" X 20	51
1/4" - 20 X 2-1/4"	125, 135	M08 - 1.25 X 20	129
#10 - 32 X 1"	75	Screw, Panhead Phillips	
3/4" - 10 X 3"	15	#8 - 32 X 5/8"	83
3/4" - 10 X 4-1/2"	19, 113	Screw, Round Head Slotted	
3/4" - 10 X 4"	43	#10 - 24 X 5/8"	117
3/8" - 16 X 1-1/4"	97	Screw, Slotted	
5/16" - 18 X 1"	53	#10 -32 X 1/2"	61
5/8" - 11 X 1-3/4"	119,	Screw, Slotted Head Quarter-Turn	
121, 123, 125, 131, 133, 135		1/4"	145
7/16" - 14 X 1-1/2"	97	Screw, Tapping	
M08 - 1-1/4" X 20	69	3/8" - 16 X 3/4"	119, 123, 133

WORD INDEX

M06 - 1.0 X 12.	49, 87	Right.	33
M06 - 1.0 X 14.	43, 65, 79, 87	Spring	
M08 - 1.25 X 20.	13, 15,	Compression.	35
17, 19, 49, 55, 57, 59, 71, 83		Eyebolt	155
ScrewHex M16 - 2.0 X 50.	39	For Knott Axle	37
Seal	99, 101	Piston	99
Door	155, 157, 159, 161, 163, 177, 179	Rubber Bushed	21
Roof, Neoprene, 1/8"	167	Valve	99
Rubber, 3 X 10 mm	157, 159,	Spring Shackle Assembly.	33
161, 163, 165, 177, 179, 181		Spring, Shackle Assembly	35
Strip, Door.	165, 181	Standoff	
Valve	109	Male-Female 3/8" Hex 10 - 32	147
Sensor		Steering Arm Assembly	
CAC Temperature	51	Wagon	27
Coolant Level	53	Stem	
Fuel Level	61, 75	Valve	99
Heat LSU-10	229, 231	Step	13
TBAP Cummins.	83	Rear Exhaust Plenum	89
Temperature 1/2" NPT	111	Strainer	
Temperature 3/8" NPT	125, 135	Fuel Tank	61, 75, 225
Temperature, 1/2" NPT.	169, 183	Strap	
Water-in-Fuel	59, 73	DEF Tank Mounting	93
Separator		Exhaust Plenum Baffle.	173
Moisture	129, 139	Fiberglass Panel Retention, Long, 2"	159,
Separator Tank Assembly		163, 177, 179	
HP, ASME, CRN, AS1210, CE Cert.	111	Fiberglass Panel Retention, Short, 2"	159,
HP, CE, ASME, CRN Cert	111	163, 165, 177, 179, 181	
Shaft.	101	Foam Retention.	159,
Pintle Eye, Wagon	29	163, 165, 167, 177, 179, 181	
Shield		Ground	149
Separator Tank Inner	113	Retention, 800 mm	167
Shim	105	Roof Rear Panel Extension	167
(0.051 mm)	105	Tie Down.	15
(0 .051 mm).	105	Vertical Baffle	173
0.051 mm	101	Stud	
(0.076 mm)	105	5/8"	21
0.254 mm	101	Battery	149
(0.254 mm)	105	Wheel, M16 -1.5 X 45	33
0.508 mm	101	Support	
1.016 mm	101	Aftertreatment, HSRG	89
Shroud		Aftertreatment, STRG	89
Cooler Bottom	49	Axle Bump	19
Cooler Curbside	49	Baffle	169, 171, 183, 185
Cooler Streetside.	49	Baffle Angle.	173
Cooler Top	49	DEF Tank, Wagon	93
Silencer, Pneumatic		Drip Pan, Louvered, Curbside.	161
1/4" NPT	57, 71	Drip Pan, Louvered, Streetside.	157
Sleeving, Thermal		DRT	89
1-1/2"	53	End, High Speed w/Shock Mount	39
Sleeving, Thermal Reflective		Front Baffle Leg.	169, 171, 183, 185
1"	95	Lower Shock Mount.	39, 41
Spacer	99, 101, 103, 125, 135	LRG Front Assembly	39
Axle Bump	19	Muffler Vertical.	87
Fan W/ Clutch	45	Rear Step, Cross.	89
Spindle		Rear Step, Curbside	89
Left.	33	Rear Step, Streetside.	89

WORD INDEX

Upper Shock Mount	41
Upper Shock Mount, Front	39
Upper Shock Mount, Rear	39
Vertical Baffle	89, 173
Support Assembly	39
Switch	
Battery Disconnect.	151
Breakaway	15
Momentary S.S..	147
Pressure 12 PSI	111
Pressure, 12 PSI NC	123
Selector 3 Position.	147
Selector 3-Position.	147
Vacuum.	83

T

Tag	
Tier 4 Engine Oil	215
Tandem Axle Assembly	19
Tank	
Oil Replenishment	223
Separator, HP ASME, CRN AS1210 Cert	113
Separator, HP CE, ASME, CRN Cert	113
Tandem, CS Fuel.	61
Tandem, LH Fuel.	55
Tandem, RH Fuel.	55
Tandem, SS Fuel.	61
Tank Assembly	
DEF 15 Gallon External Fill	93
Tank, DEF 15 Gal. External Fill.	93
Tank, Fuel	
CS Wagon.	75
Curbside, Wagon.	69
SS Wagon.	75
Streetside, Wagon	69
Tee	
-12 JIC	223
-6 JIC Run Swivel	125, 135
-6 JIC Swivel Run	119
-6 JIC X M14-1.5 O-Ring X -6 JIC.	47
-8 JIC X -8 JIC X -8 JIC	67, 81
-8JIC X -8 JIC X -8 JIC Female.	223
1/4" Male Run NPT	117
3/4" NPT	115
3/4" NPT X -12 JIC Male Run	115
3/8" MP X -8 X -8.	67, 81
.50 NPT X .50 NPT X .50 NPT	53
Hose, 5/8" X 5/8" X 3/8"	93
Pipe 1/4" NPT	129
Service Air 3"	121, 131
Service Air 3", PED	121, 131
Tee Run	
-6 JIC X -6 JIC X 1/4" NPT Female	131
3/8" NPT X 3/8" NPT	121
Tee, Male	
-6 JIC X 1/4" NPT X -6 JIC	127, 137

Tee, Run	
1/4" NPT X -6 JIC	125, 135
Tee, Straight	
1-1/2" NPT	69
Tee, Street	
1-1/2" NPT	55, 111
1/4" NPT X 3/8" Tube.	57, 71
1-7/8" - 12 X -32 JIC	107
Terminal Connector	43
Tie	
Cable	231
Cable, 3/16" X 7-7/8"	89
Tie Plate	21
Tie, Cable	
1/8" X 8"	45, 233
Tire	
215/75R17-1/2"/H	23
Transducer	
Pressure 0 - 100 PSI	117
Pressure, 0-225 PSI	227
Transducer, Pressure	
0 - 225 PSI	115
Tray	
Battery	149
Tube	
-6 JIC Drain Valve to Muffler.	127, 137
Aftercooler By-Pass XHP	131
Aftercooler By-Pass XHP, PED	131
Aftercooler Inlet	121
Aftercooler Inlet XHP	131
Aftercooler Inlet XHP, PED	131
Aftercooler Outlet.	125, 135
Aftercooler Outlet, PED	125, 135
Aftercooler, Inlet, HP, PED	121
Air Intake Engine	83
Charge Air Cooler Bottom	51
Charge Air Cooler Top	51
Connector (Engine Air).	83
Decomposition Reactor, QSX15, T4F	91
DEF Tank Fill Restrictor	93
Engine Coolant Inlet	51
Engine Coolant Outlet	51
Exhaust 127 DIA X 250 LG	87
Exhaust 5" DIA X 323" LG	87
Exhaust 5" SCR Outlet.	87
Exhaust Diesel Particulate Filter In	87
Exhaust Turbo Outlet.	87
IQ Air By-Pass.	121
IQ Air By-Pass, PED	121
IQ Filter.	123, 133
IQ Filter Tube to Min. Pressure Valve	123, 133
IQ Filter Tube to Min. Pressure Valve, PED	123, 133
IQ Filter, PED	123, 133
Oil Bypass.	107
Oil Cooler	107

WORD INDEX

Oil Cooler Outlet To Filter	107
Oil Manifold Oil Cooler	107
Scavenge	115
Separator Tank Minimum Pressure Valve . .	119
Separator Tank Minimum Pressure Valve, PED	119
Service Air	119, 133
Service Air, 3"	123
Service Air, 3", PED	123, 133
Service Air, PED	119
Tube, Sight	111
Tubing	
.25 OD Nylon	129
5/16" ID	51
Tubing, Synflex	
3/8" OD	57, 71

U

U-Bolt	21
1/2" - 13 X 3"	119, 123, 133
1/2" - 13 X 4-5/8"	119, 123, 133
1/4" - 20 X 1-1/4" ID	127, 137
U-Bolt, 1/4" - 20 X 1-1/4" ID	117
Union	
1 - 1/2" NPTF	69
Union, Female	
1-1/2" NPT	55
Unloader Assembly	99

V

Valve	
3" Ball	119
3" Ball, PED	119
3-Way 3/4" NPT	63, 67, 77, 81
3-Way Ball 1/4" NPT	117
Anti - Rumble	99
Ball 3/4" NPT	141, 143
Ball Service 1/2"	223
Ball, 3/8" NPT	93
Blowdown	125, 127, 135, 137
Coolant Control, 24V, 5/8" Hose	93
Hex Check 1/4" NPT	115
Oil Temperature Bypass	107
Relief	107
Safety 190 PSI	115
Safety 190 PSI, PED	115
Unloader	99
Valve, Ball	
1 - 1/2" NPT	69
1-1/2" NPT Tee Handle	55
1/2 NPT	53
1/4" NPT	119
3"	121, 123, 131, 133
3" Lockable	121
3" Lockable, NPT, PED	121

3" NPT, PED	131
3", NPT, PED	123, 133
3", PED	121
3/4" NPT	141, 143
Lockable, 3"	131
Lockable, 3" NPTLockable, PED	131
Valve, Check	
1/4" NPTF	121
3" Minimum Pressure	119, 123, 133
3" Minimum Pressure, PED	119, 123, 133
Valve, Evacuator	85
Valve, Safety	
1-1/2" NPT 200 PSI	111
Valve, Solenoid	
24V 1/4" NPT	117
Valve, Stem	23
Viewport Assembly	147

W

Washer	35
36 MM X 4 MM Thick	33
5/16", ID	167
Flat 3/8"	231
Flat 3/8" Dia.	223
Flat 3/8" ID	149
Flat, 3/8" ID	155
Flat, 5/16" ID	155
M28 X 3 DIN 125	29
Piston	99
Washer Flat	
1"	39
Washer, Flat	
1" ID	15
1/2" ID	15, 113, 119, 123, 133
1/4" ID	117, 125, 135
#10	117
13/16" ID	43
3/4" ID	15
5/16" ID	53, 57, 71
5/8"	119
Washer, Lock	
5/16" ID	53
M06 SST	151
Washer, Snubber	43, 97
Washer, Spindle	21
Washer, Tang	21
Well	
Thermostat	229, 231
Wheel	
17-1/2" X 6-3/4"HC	23
Wheel And Tire Assembly	19, 25
Wheel Chock	15

Y

Y-Strainer	
----------------------	--

WORD INDEX

3/8" NPT	129, 139	M10	25
Yoke			

REVISION HISTORY

[illegible]



Doosan Infracore Portable Power
1293 Glenway Drive
Statesville, N.C. 28625
DoosanPortablePower.com

Doosan Infracore
Portable Power