



Doosan Infracore
Portable Power

PARTS MANUAL

COMPRESSOR MODEL

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

Doosan Infracore Portable Power
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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, Remote Fuel Lines, No Pump.....	60
Fuel System, Tandem, Remote Fuel With Electric Fuel Pump.....	62
Fuel System, Tandem, Remote Fuel With Pump, Fuel Lines	64
Fuel System, Tandem, Fuel Tank Assemblies	66
Fuel System, Wagon, Fuel Tank Installation	68
Fuel System, Wagon, Venting	70
Fuel System, Wagon, Standard Piping.....	72
Fuel System, Wagon, Remote Fuel, No Pump.....	74
Fuel System, Wagon, Remote Fuel With Electric Fuel Pump	76
Fuel System, Wagon, Remote Fuel With Pump, Fuel Lines.....	78
Fuel System, Wagon, Fuel Tank Assemblies	80
Air Intake	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, HR350, Installation	96
Airend, HR350, Gear Case	98
Airend, HR350, Interstage Bearings and Caps	100
Airend, HR350, 1st Stage Rotors	102
Airend, HR350, 2nd Stage Rotors	104
Airend, HR350, Regulation.....	106
Airend, HR350, Anti-Rumble Piping	108
Airend, HR350, Air Cylinder and 24 VDC Compressor	110
Airend, HR350, Intake Valve Assembly	112

TABLE OF CONTENTS Parts Manual

TITLE	PAGE
Airend, HR350, Oil Pump And Filters	114
Airend, HR350, Tubes And Fittings	116
Airend, HR350, Discharge Piping.....	118
Airend, HR2.5, Installation	120
Airend, HR2.5, Gear Case	122
Airend, HR2.5, Upper Rear Bearings and Caps.....	124
Airend, HR2.5, Lower Rear Bearings and Caps.....	126
Airend, HR2.5, Piping.....	128
Airend, HR2.5, Air Cylinder and 24 VDC Compressor	130
Airend, HR2.5, Intake Valve Assembly	132
Airend, HR2.5, Discharge Piping.....	134
Airend, HR2.5, Anti-Rumble Piping.....	136
Oil Piping, Installation	138
Separator Tank, Installation	140
Separator Tank, Tank Assembly	142
Separator Tank, Piping	144
Separator Tank, Regulation	146
Service Air, Standard, No Filtration	148
Service Air, IQ, Piping, Aftercooler Inlet	150
Service Air, IQ, Filtration Outlet, Piping	152
Service Air, IQ, Aftercooler, Piping	154
Service Air, IQ, Drain Lines.....	156
Service Air, IQ, Filters And Moisture Separator	158
Service Air, AC, Aftercooler Inlet, Piping	160
Service Air, AC, Filtration Outlet, Piping.....	162
Service Air, AC, Aftercooler, Piping	164
Service Air, AC, Drain Lines.....	166

TABLE OF CONTENTS

Parts Manual

TITLE	PAGE
Service Air, AC, Moisture Separator	168
Central Drains, Tandem	170
Central Drains, Wagon	172
Electrical System, Control Panel Installation	174
Electrical System, Operator And Gauge Panels	176
Electrical System, Battery Installation	178
Electrical System, Fuse Block and Relay Mounting	180
Electrical System, Lighting, Tandem	182
Enclosure, Standard, Front	184
Enclosure, Standard, Streetside	186
Enclosure, Tandem, Streetside, Rear	188
Enclosure, Standard, Curbside	190
Enclosure, Tandem, Curbside, Rear	192
Enclosure, Tandem, Rear	194
Enclosure, Standard, Top	196
Enclosure, Tandem, Streetside, Air Intake Baffles	198
Enclosure, Tandem, Curbside, Air Intake Baffles	200
Enclosure, Standard, Exhaust Plenum Baffles	202
Enclosure, Standard, Remote Fuel, Door,	204
Enclosure, Wagon, Streetside, Rear	206
Enclosure, Wagon, Curbside, Rear	208
Enclosure, Wagon, Rear	210
Enclosure, Wagon, Streetside, Air Intake Baffles,	212
Enclosure, Air Intake Baffles, Curbside, Wagon	214
Enclosure, Wagon, Drip Pan Base	216
Acoustic Panels, Front	218
Acoustic Panels, Streetside	220

TABLE OF CONTENTS Parts Manual

TITLE	PAGE
Acoustic Panels, Tandem, Streetside, Rear	222
Acoustic Panels, Curbside	224
Acoustic Panels, Tandem, Curbside, Rear	226
Acoustic Panels, Tandem, Rear	228
Acoustic Panels, Top	230
Acoustic Panels, Streetside, Intake Baffles	232
Acoustic Panels, Curbside, Intake Baffles	234
Acoustic Panels, Wagon, Streetside, Rear	236
Acoustic Panels, Wagon, Curbside, Rear	238
Acoustic Panels, Wagon, Rear	240
Decals, Branding	242
Decals, Interior Safety	244
Decals, Exterior Safety And Options	246
Decals, EEC	248
OPTION PARTS	251
Engine Oil Replenishment	252
Fuel System, Fuel Tank Crossover Vent Line	254
Auto Start With 120VAC Battery Charger	256
Heaters, 120VAC	258
Heaters, 240VAC	260
Telematics System	262
RECOMMENDED SERVICE PARTS	265
WIRING DIAGRAMS	269

TABLE OF CONTENTS
Parts Manual

TITLE	PAGE
INDEXES	271
Numerical Index.....	271
Word Index	279



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.

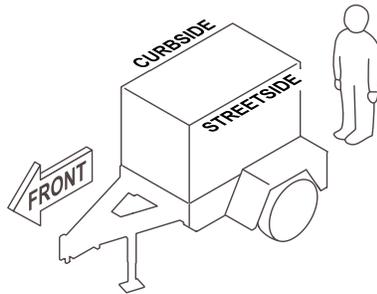
Special order parts may not be included in this manual. Contact the Portable Power Parts Department with the unit serial number for assistance with these special parts.

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

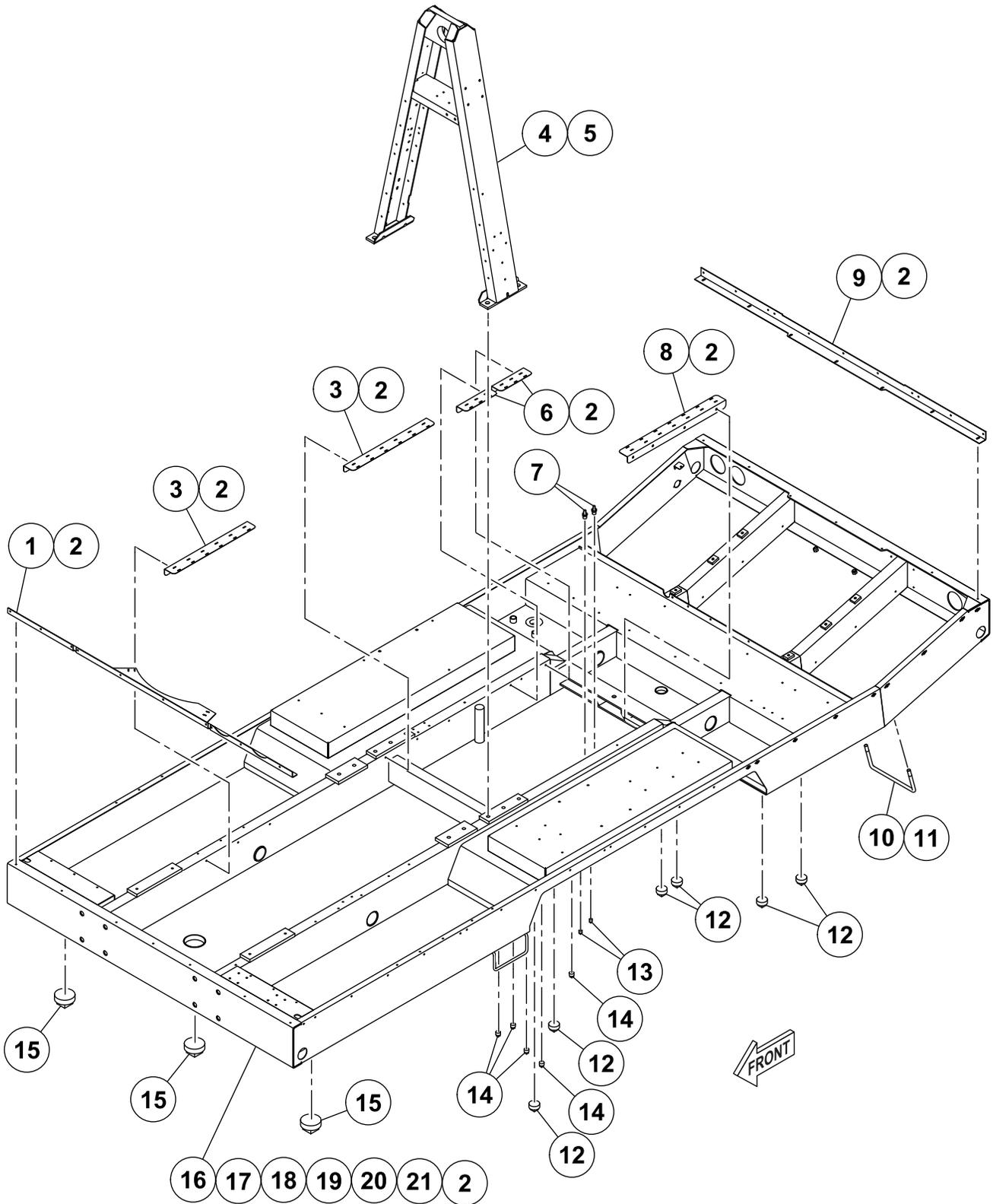
Always specify the model and serial number of the unit.

Specify the part number and description.



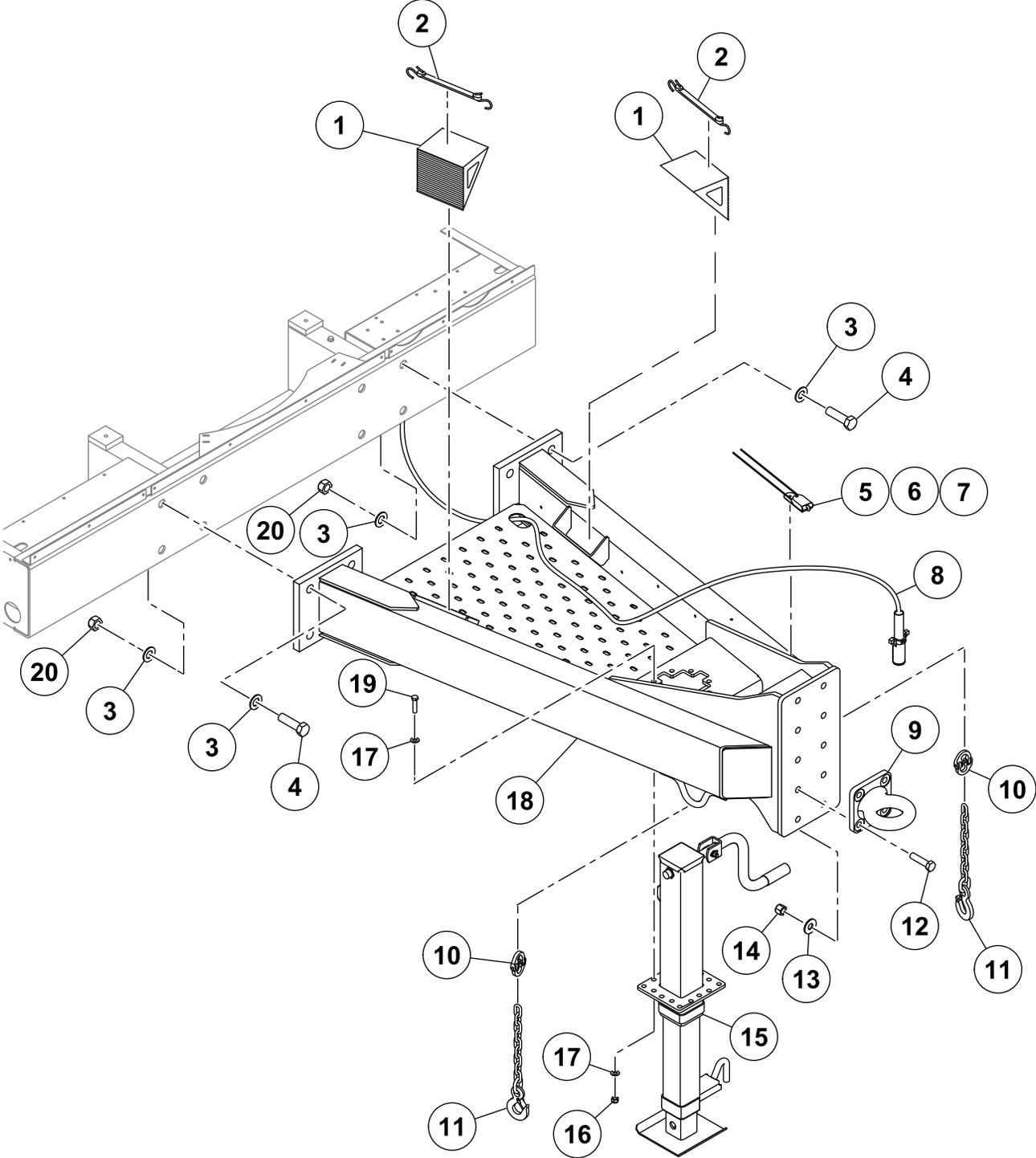
STANDARD PARTS

Frame, Tandem



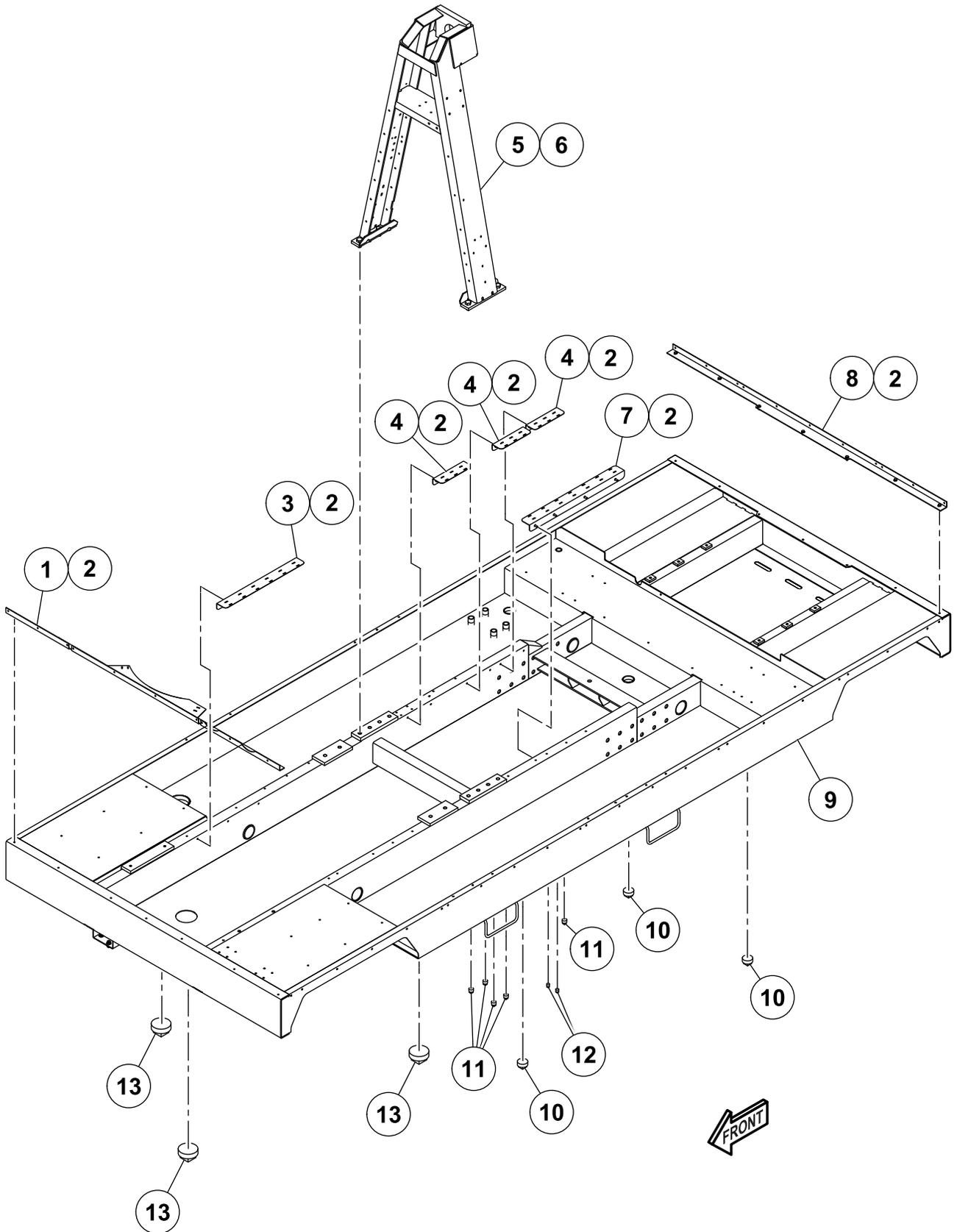
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46562179SB	Bracket, Front Mount	1	
2	35279025	Screw, Tapping, M08 - 1.25 X 20	50	
3	46566919SB	Bracket, Harness Support	2	
4	46652926SB	Bail, Tandem Lifting	1	Tandem Running Gear
	46652927SB	Bail, Tandem Lifting, 108MM Offset Aft	1	Less Running Gear
5	96700901	Screw,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



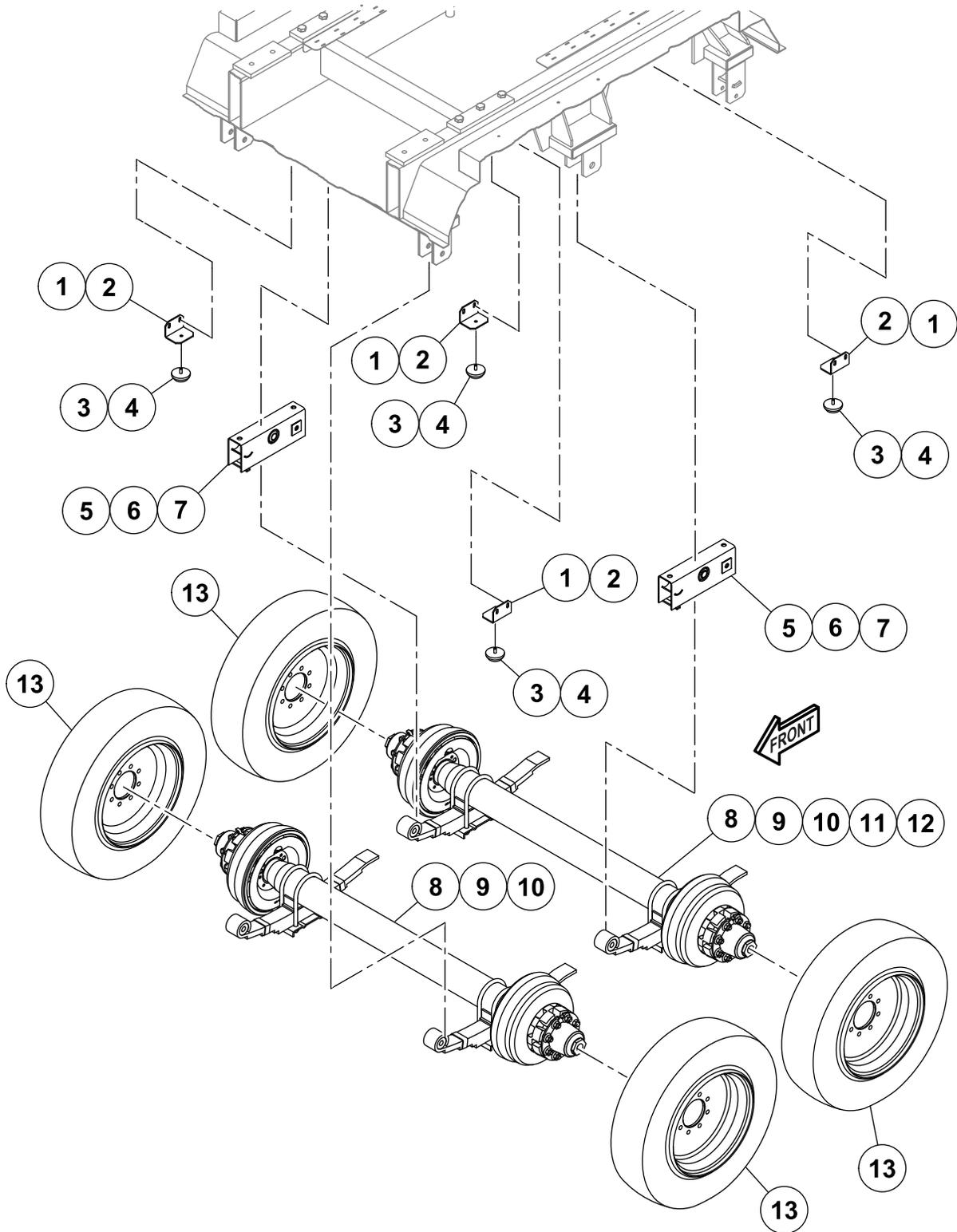
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35603190	Wheel Chock	2	
2	35333830	Strap, Tie Down	2	
3	95939492	Washer, Flat, 1" ID	16	
4	95996179	Screw, Hex, 1" - 8 X 3-1/2"	8	
5	46554147	Switch, Breakaway	1	
6	35225093	Clamp, Support, 1/2" ID Rubber Coated	4	
7	35279025	Screw, Tapping, M08 - 1.25 X 20	4	
8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



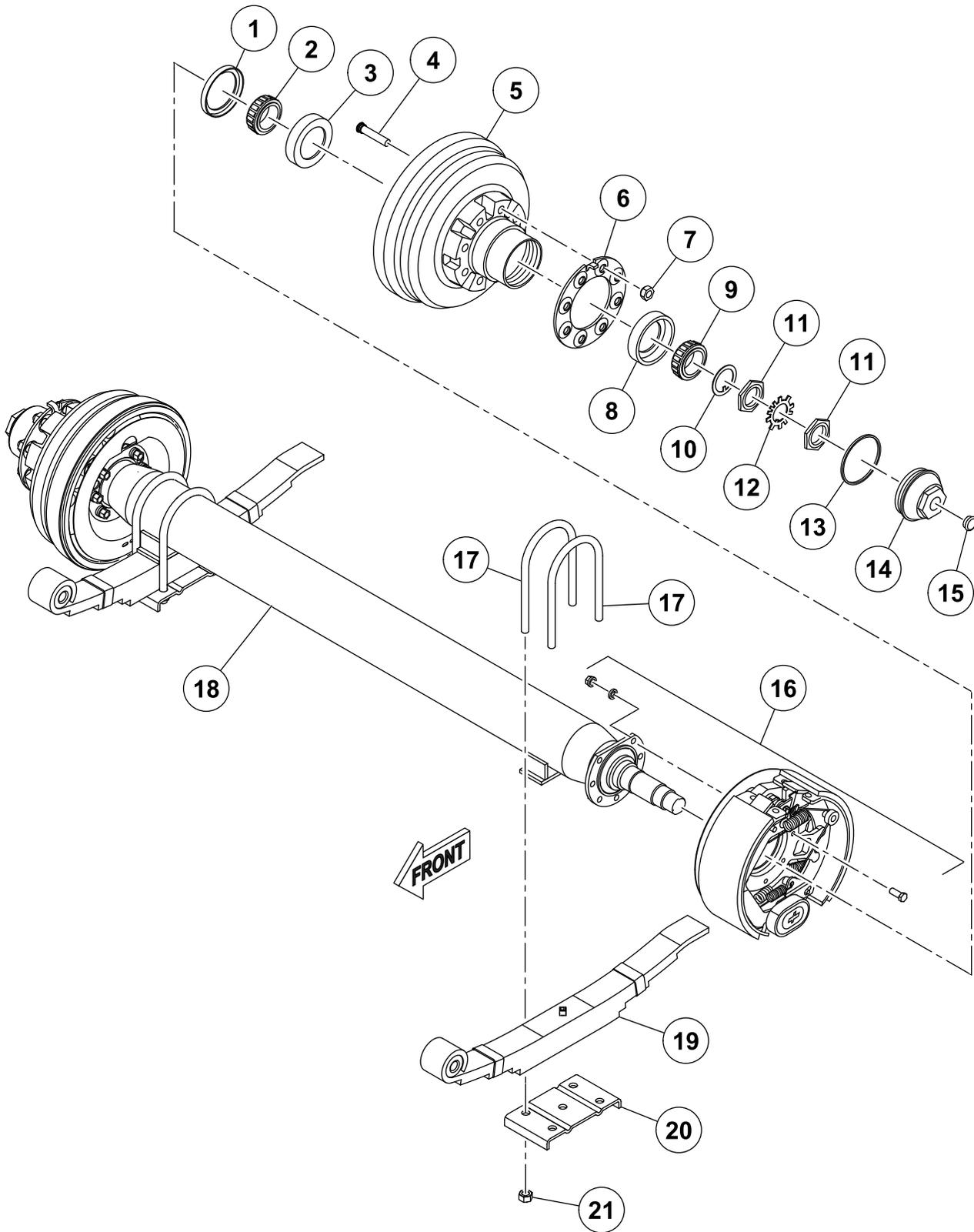
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46562179SB	Bracket, Front Mount	1	
2	35279025	Screw, Tapping, M08 - 1.25 X 20	50	
3	46566919SB	Bracket, Harness Support	2	
4	46566921SB	Bracket, Harness Support	2	
5	46652928SB	Bail, Lifting, 203mm Offset	1	
6	96700901	Screw, Hex Head, M20 - 2.5 X 40	8	
7	46641757SB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



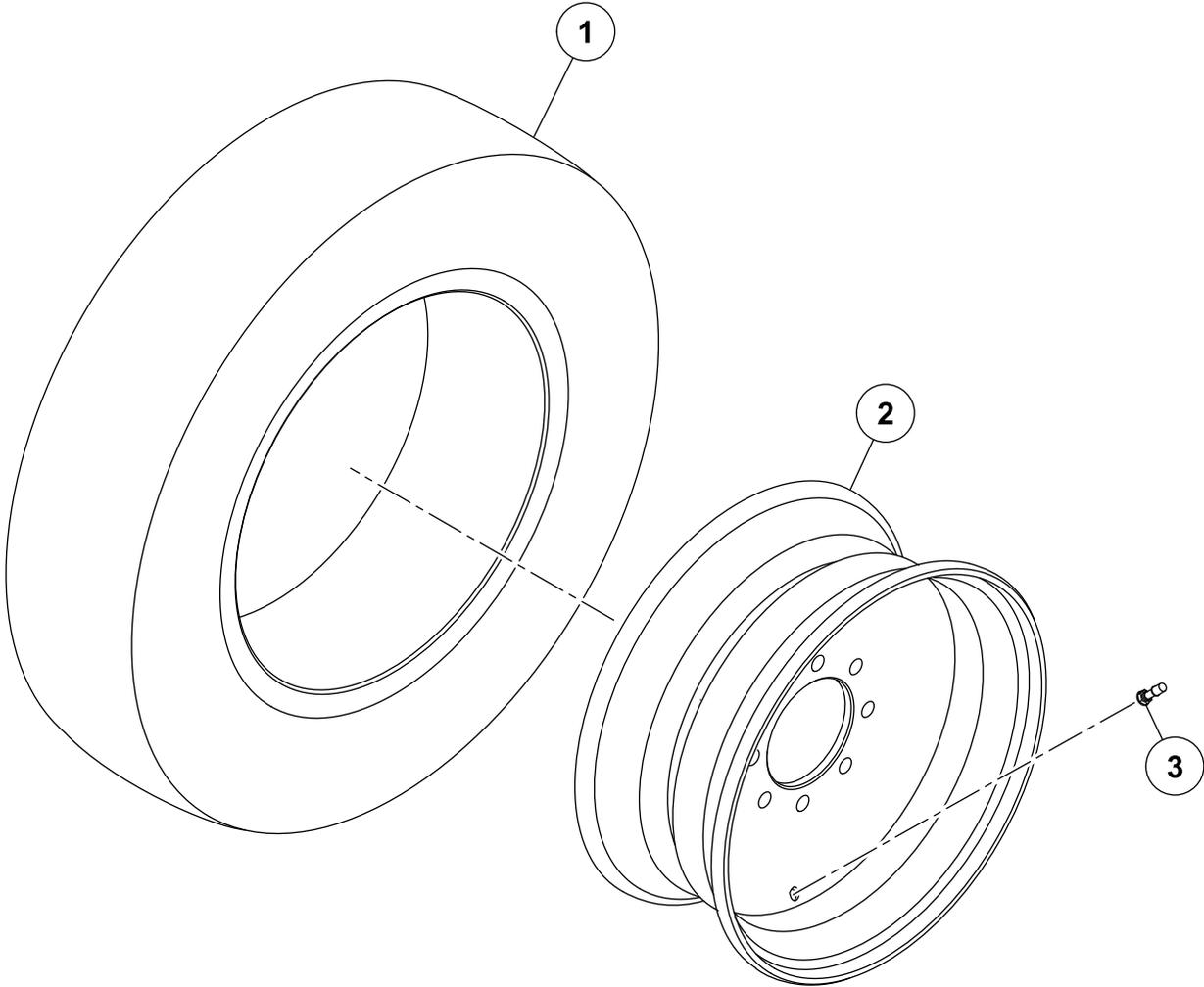
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	22789242SB	Support, Axle Bump	4	
2	35279025	Screw, Tapping, M08 - 1.25 X 20	8	
3	22789226	Spacer, Axle Bump	4	
4	95923322	Nut, Hex Nylon Lock, 3/8" - 16	4	
5	22688493	Bar, Equalizer	2	
6	95920336	Screw, Hex, 1" - 8 X 6"	2	
7	95923348	Nut, Hex Nylon Insert, 1/2" -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



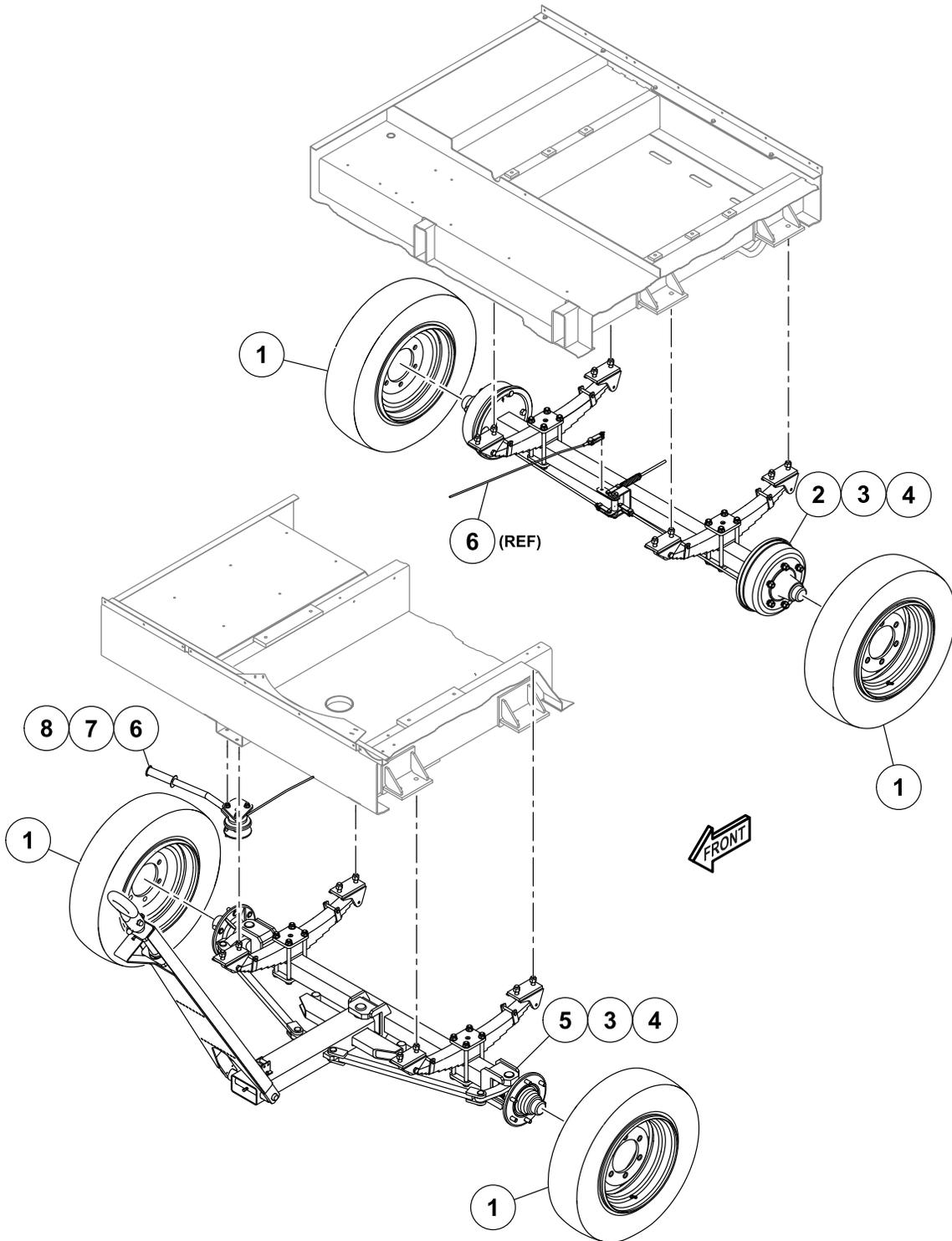
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	22877138	Oil Seal	2	
2	22877146	Bearing Cone, Inner 387A	2	
3	22877161	Bearing Cup, Inner 382A	2	
4	22860449	Stud, 5/8"	16	
5	22777825	Hub And Drum Assembly	2	
6	36878049	Ring	2	
7	22866669	Nut, Cone , 5/8"	16	
8	22877112	Bearing Cup, Outer	2	
9	22877120	Bearing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



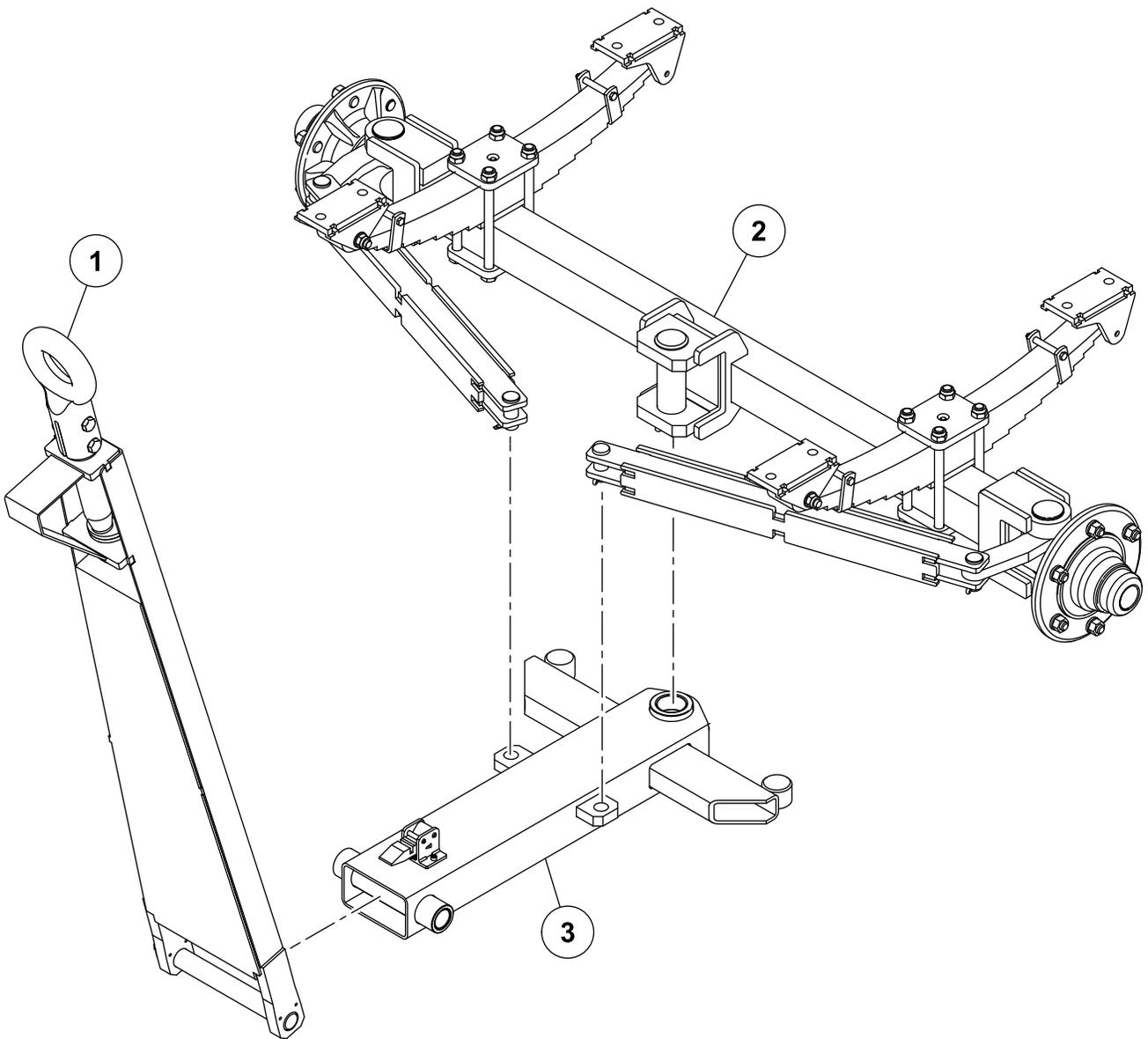
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36877991	Tire, 215/75R17-1/2"/H	1	
2	22077515	Wheel, 17-1/2" X 6-3/4"HC	1	Tandem
	22929418	Wheel, 17-1/2" X 6-3/4"HC	1	Wagon
3	35148204	Valve, Stem	1	Tandem
	23085079	Valve, Stem	1	Wagon

Running Gear, Wagon, Installation



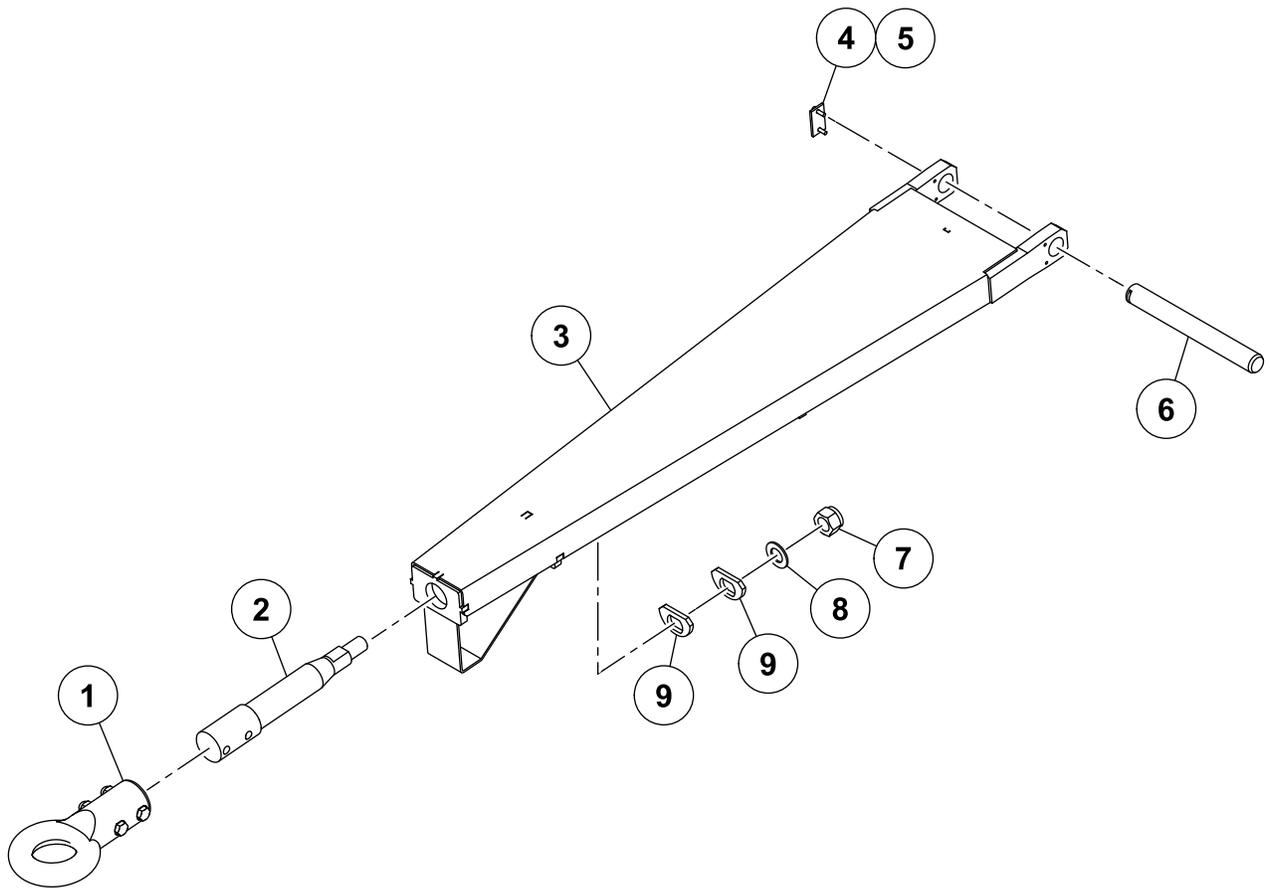
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	44016442	Wheel And Tire Assembly	4	
2	22689418	Axle Assembly, Rear, Wagon	1	
3	36879302	Screw, Hex, M16 -2 X 50	16	
4	96704630	Nut, Hex Nylon Insert, M16 -2 X 50	16	
5	46670232	Axle Assembly, Front, Wagon	1	
6	22987549	Brake Assembly, Cable And Lever	1	
	22871396	Lever, Brake For Knott Axle	1	
	22904882	Brake Cable Assembly	1	
	22392021	Nut, M10 -8 DIN 934	1	
	22392039	Yoke, M10	1	
7	36888055	Screw, Hex Serrated Flange, M12 -1.75 X 30	3	
8	36879203	Nut, Hex Serrated Flange, M12 -1.75	3	

Running Gear, Wagon, Axle Assembly, Front



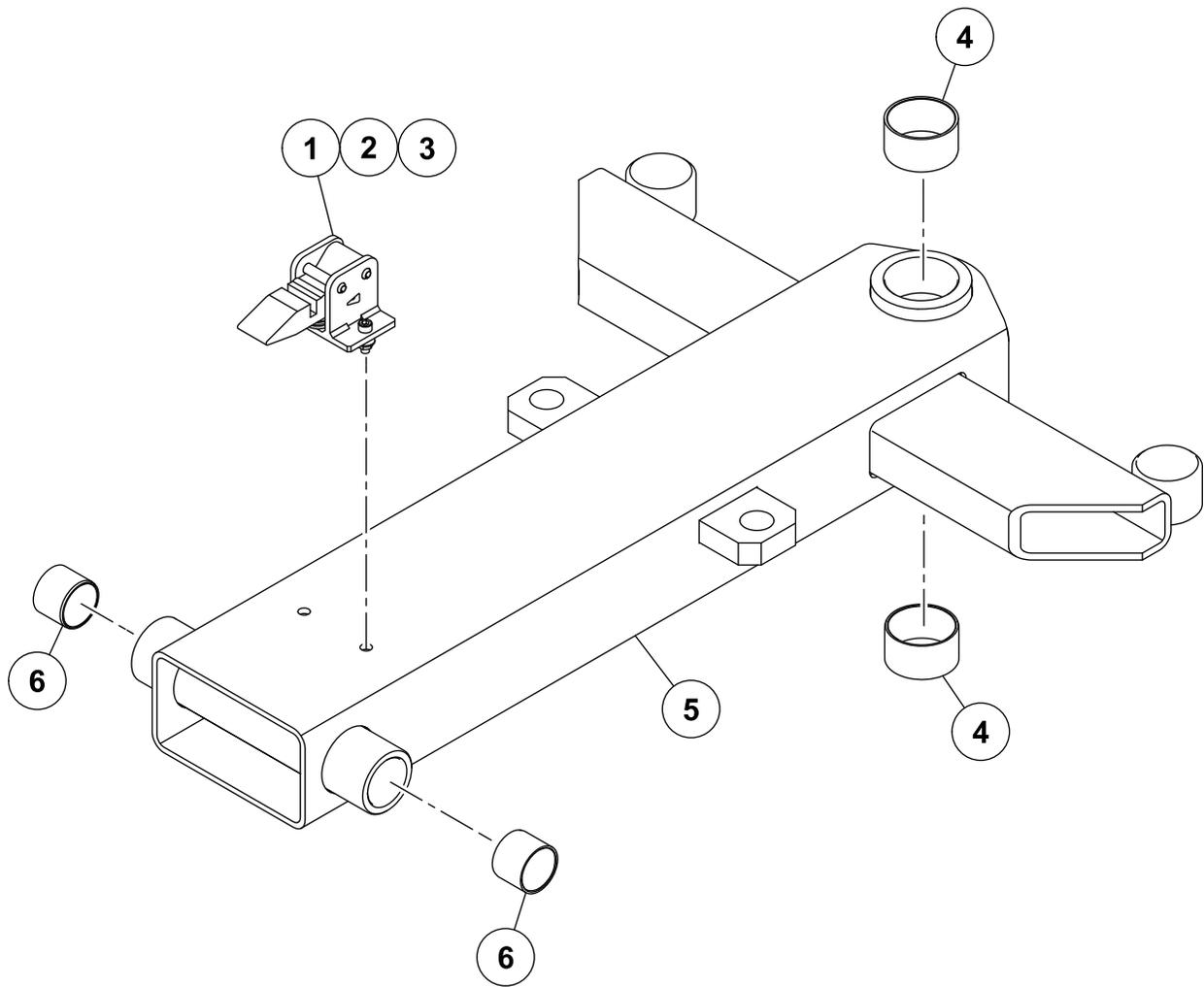
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46673768	Drawbar Assembly, Wagon	1	
2	46673766	Axle Assembly, Front, Wagon	1	
3	46673767	Steering Arm Assembly, Wagon	1	

Running Gear, Wagon, Drawbar Assembly



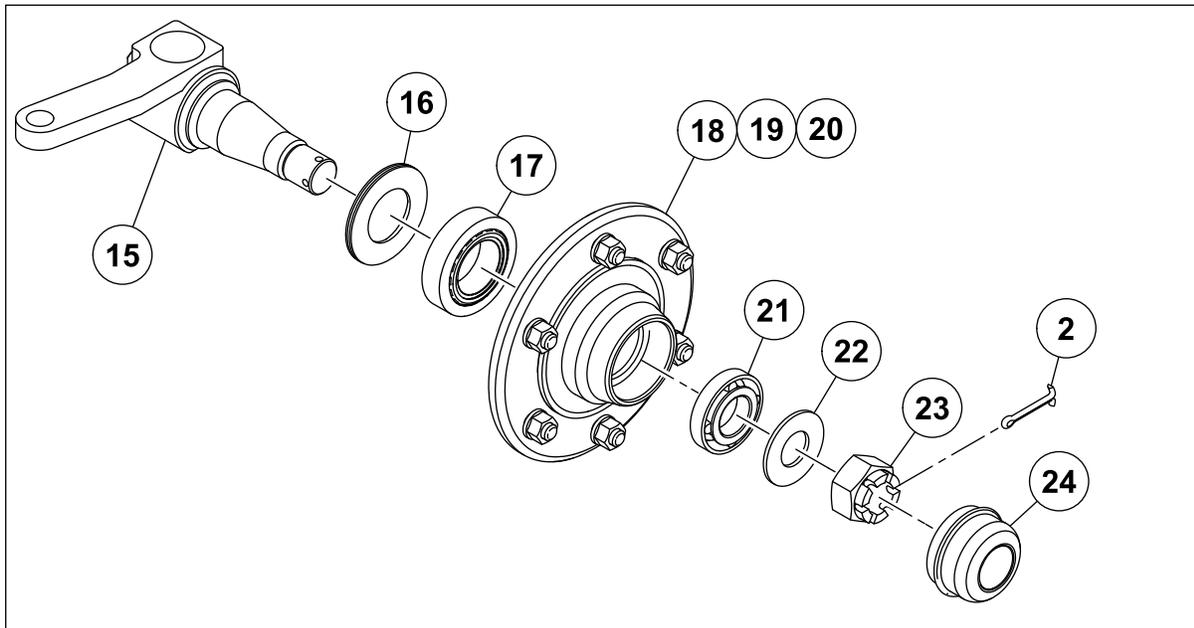
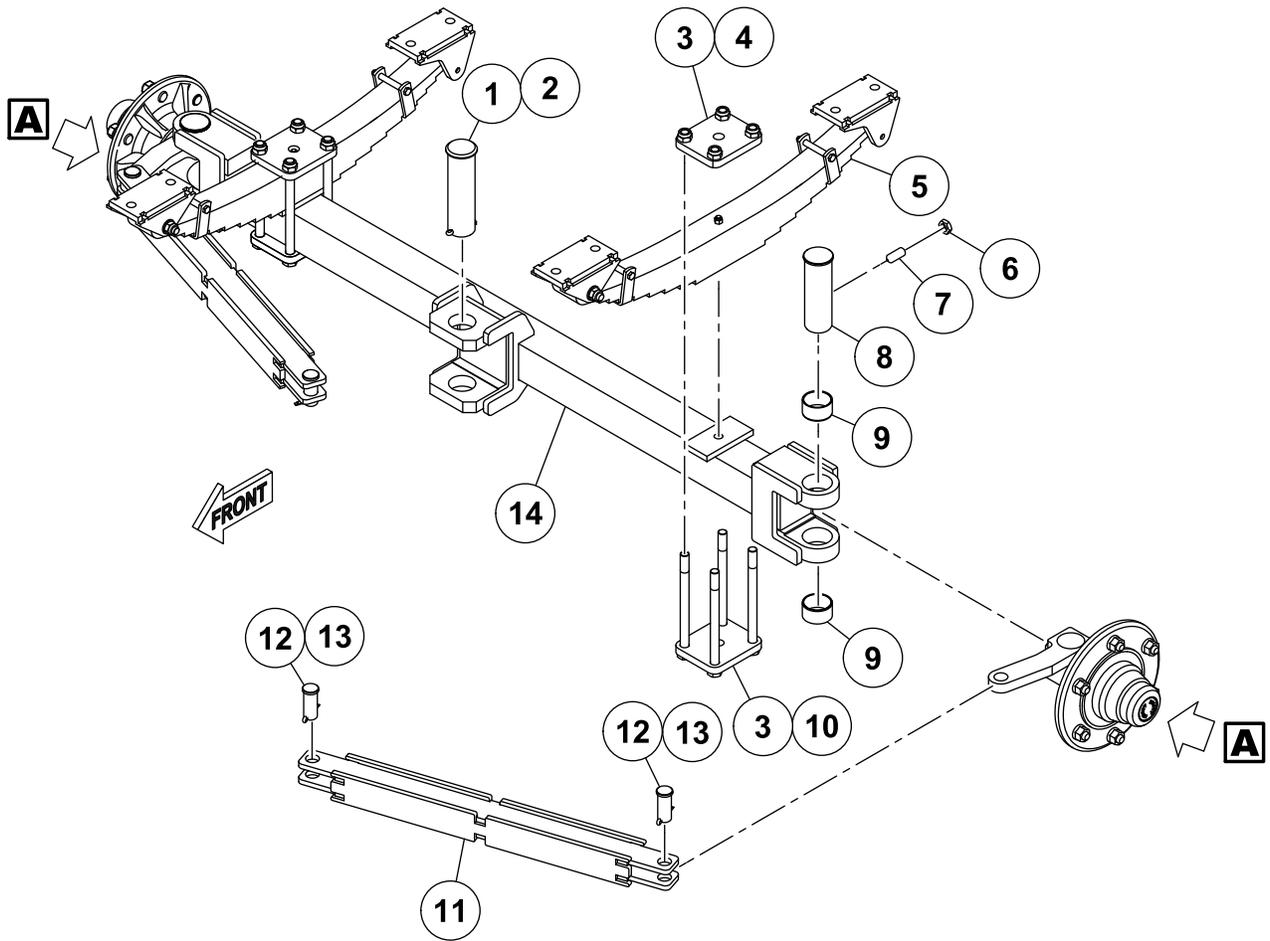
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46673755	Pintle Eye, Drawbar, Wagon	1	
2	46673754	Shaft, Pintle Eye, Wagon	1	
3	46670317	Drawbar, Wagon	1	
4	46673753	Plate, Pin, Anti-Rotation	1	
5	96703012	Screw, Hex, Socket, M06 -1.0 X 20	2	
6	46670328	Pin, 35 MM X 305 MM	1	
7	46673758	Nut, M27 -3.0 DIN 980	1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

Running Gear, Wagon, Steering Arm Assembly



ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46673752	Latch, Drawbar, Assembly	1	
2	96703012	Screw, Hex, Socket, M06 -1.0 X 20	2	
3	36898104	Nut, Hex, M06 -1.0	2	
4	46673742	Bushing, 50 MM X 30MM	2	
5	46670315	Arm, Steering	1	
6	46673745	Bushing, 35 MM X 30MM	2	

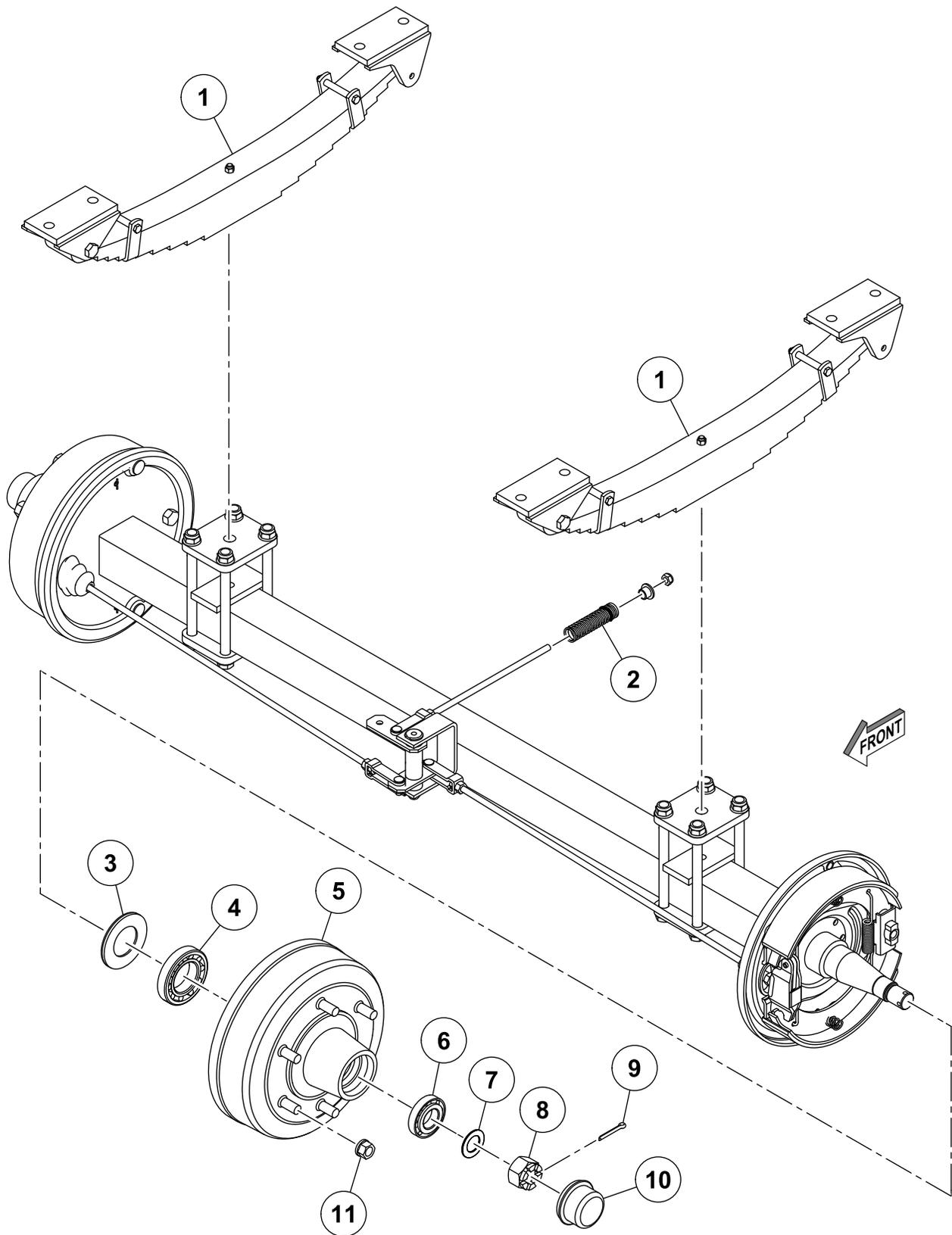
Running Gear, Wagon, Front Axle Sub Assembly



DETAIL **A**

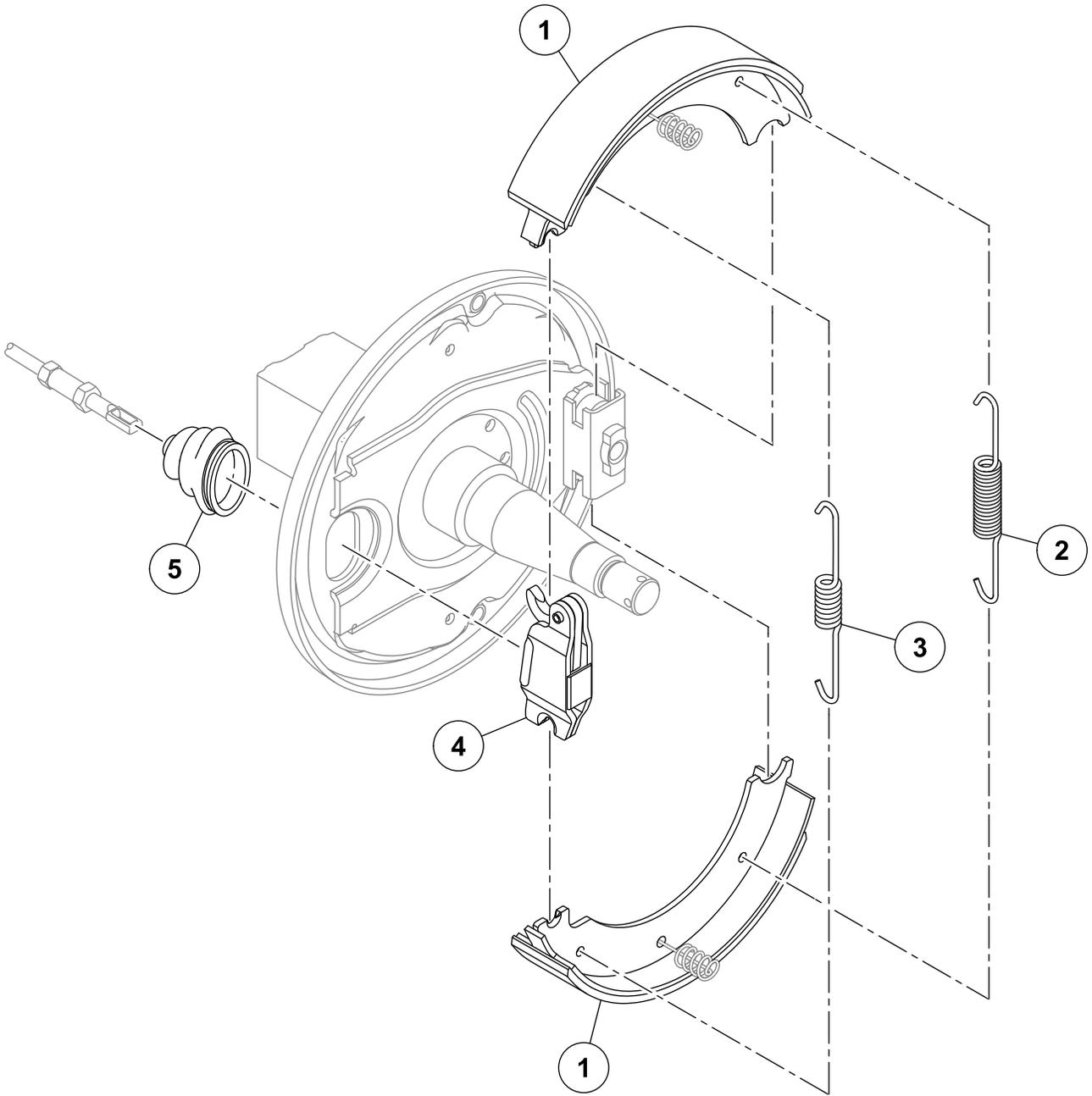
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46670326	Pin, 50 MM X 180 MM	1	
2	46673735	Pin, Cotter, 6 X 63	3	
3	46673152	Plate, Spring Mount	4	
4	46673740	Nut, M16 -1.5 DIN 980-10	8	
5	22871289	Spring Shackle Assembly	2	
6	46673762	Nut, Jam, M16 -1.5 DIN 936	2	
7	46673743	Screw, Set, M16 -1.5 X 40 MM	2	
8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



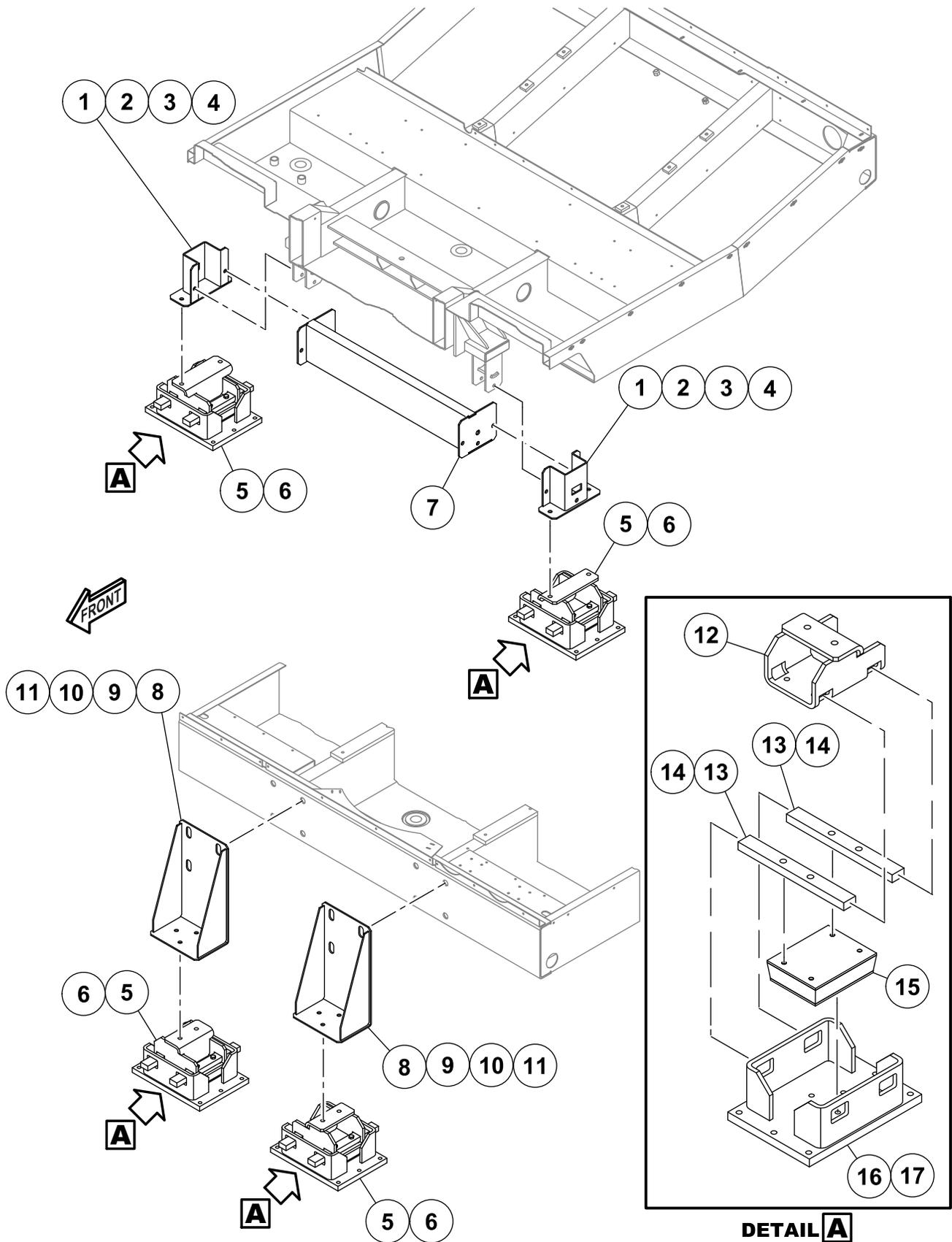
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	22871289	Spring, Shackle Assembly	2	
2	22392559	Spring, Compression	1	
3	22871214	Ring	2	
4	22391261	Bearing, Inner	2	
5	22392575	Drum	2	
6	22392138	Bearing, Outer	2	
7	22392229	Washer	2	
8	22392146	Nut	2	
9	22392237	Pin, Cotter	2	
10	22392153	Dust Cap	2	
11	22392211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

Running Gear, Wagon, Rear Axle, Brake Assembly



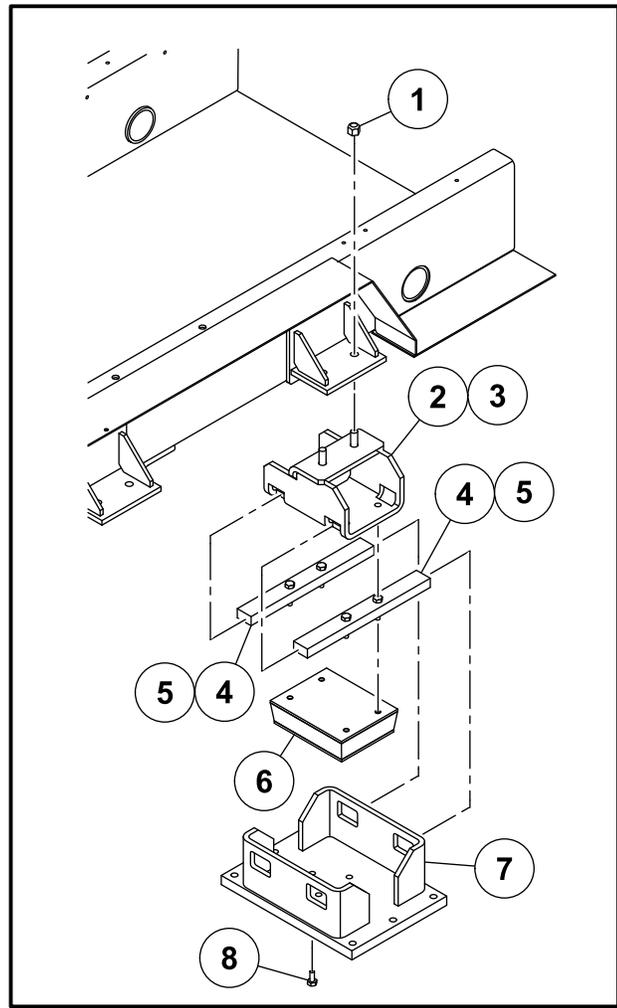
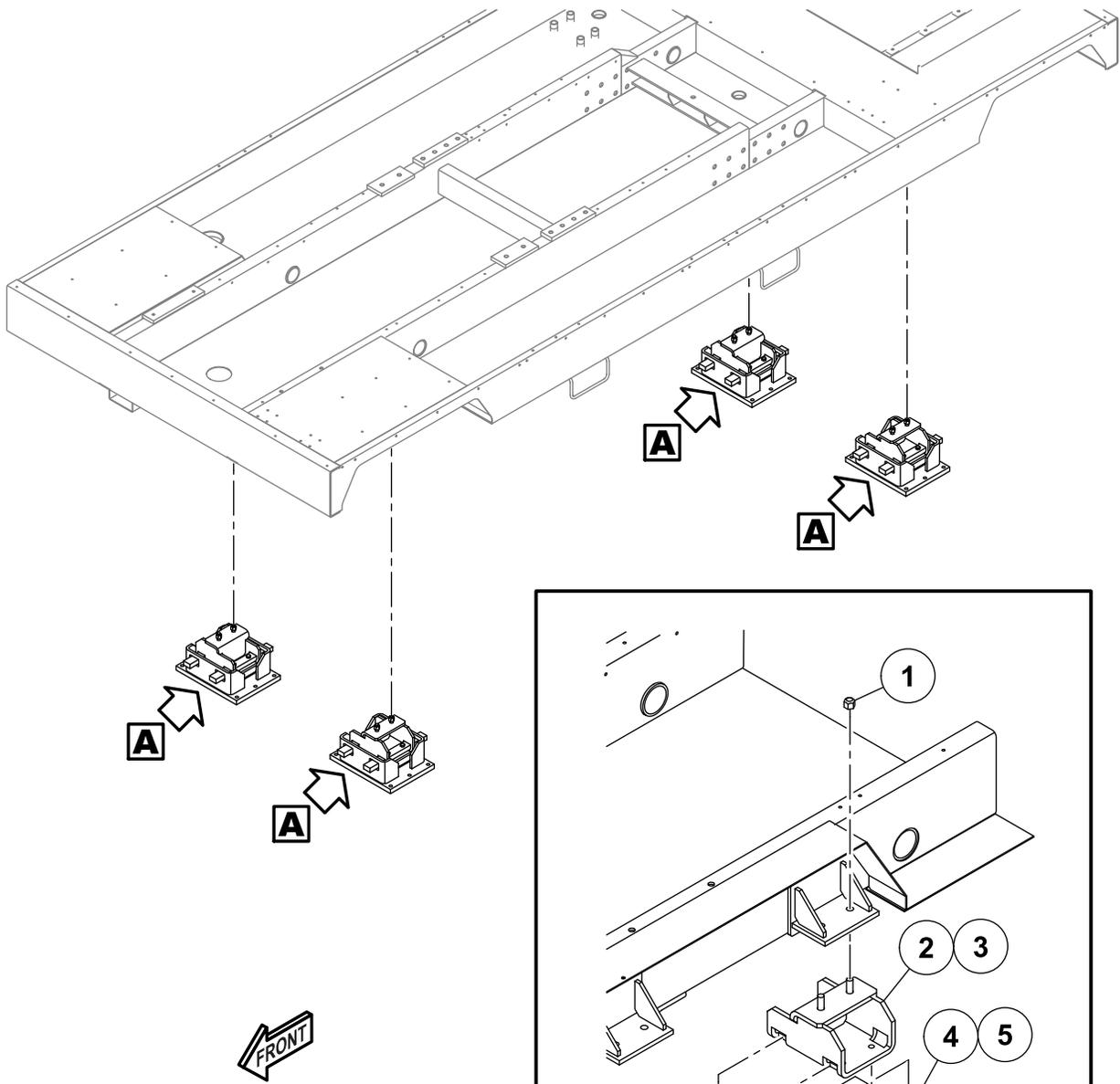
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	22392625	Brake Shoe, Complete For Knott Axle	2	
2	22392617	Adjuster, For Knott Axle	2	
3	22392666	Spring, For Knott Axle	4	
4	22392658	Expander, For Knott Axle	2	
5	22392674	Cuff, Brake Rod For Knott Axle	2	

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	

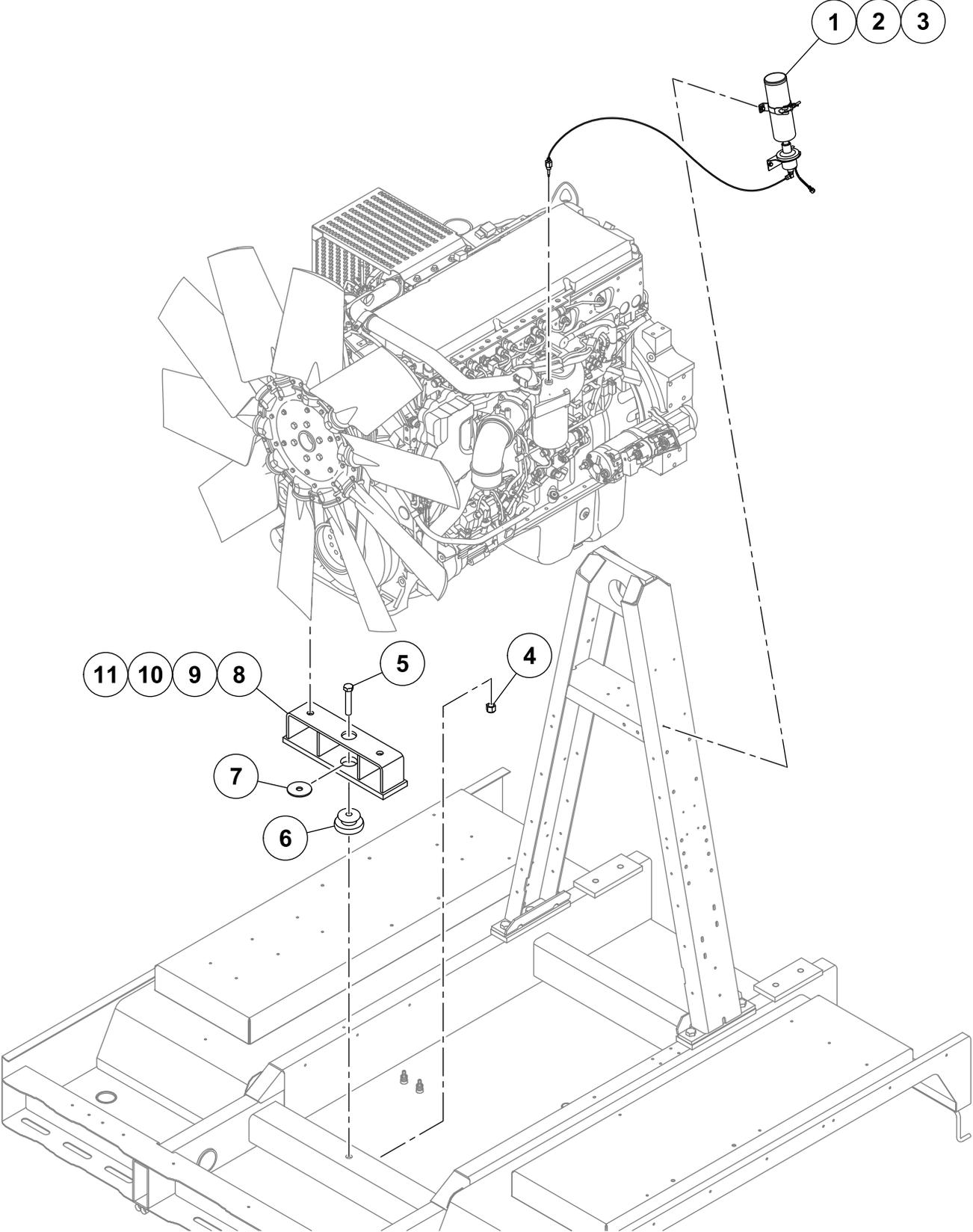
Running Gear, Wagon, Less Running Gear, With Shock Mount



DETAIL **A**

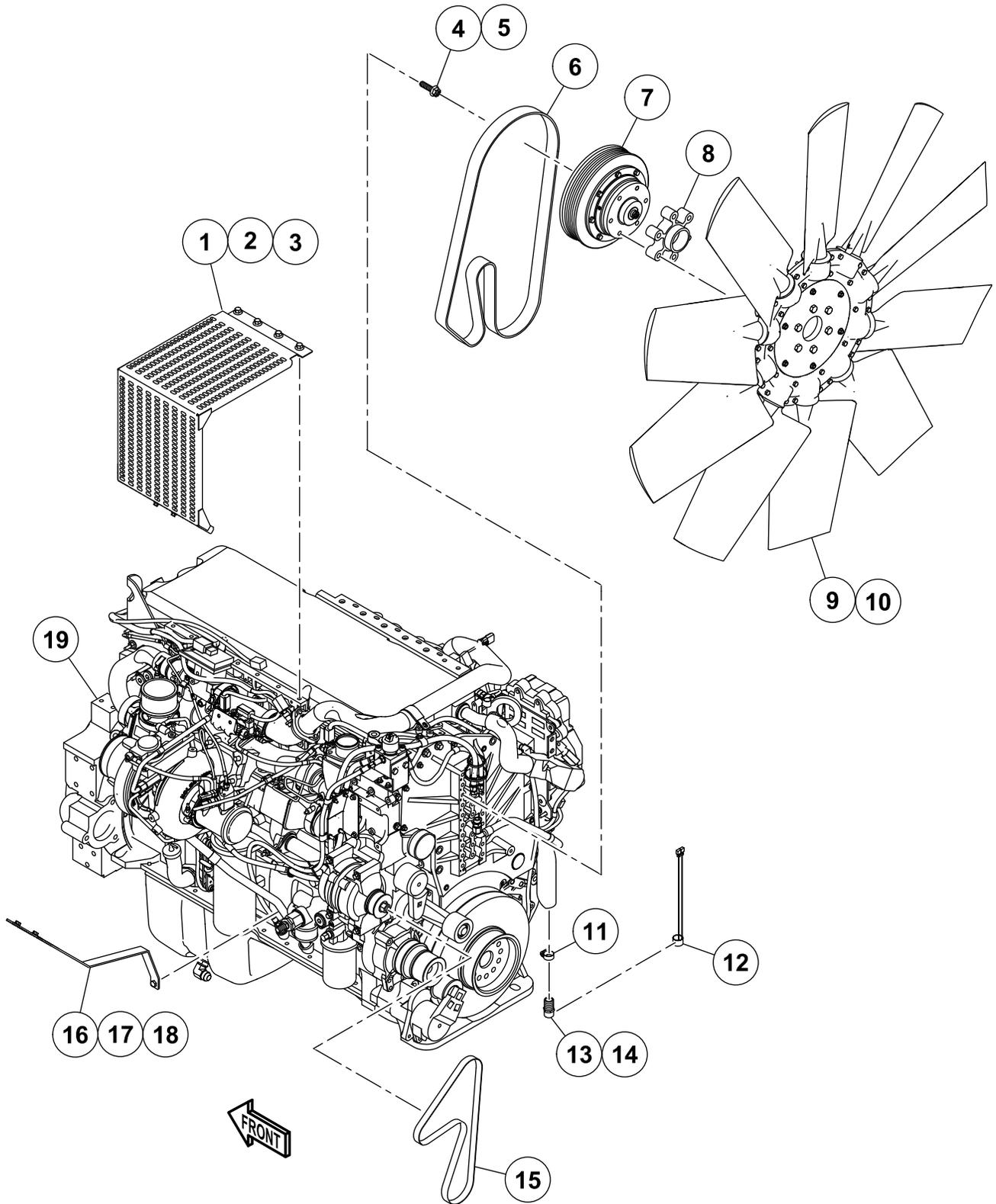
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	96704630	Nut, Hex M16 - 2	8	
2	22110761SB	Support, Upper Shock Mount	2	
3	36879302	Screw, Hex, M16 - 2.0 X 50	8	
4	22112171SB	Bar, Shock Mount Restraint	8	
5	95994877	Screw, Hex, 1/2" - 20 X 2"	16	
6	36847002	Isolator, Shear Mount	4	
7	22110753SB	Support, Lower Shock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

Engine, Installation



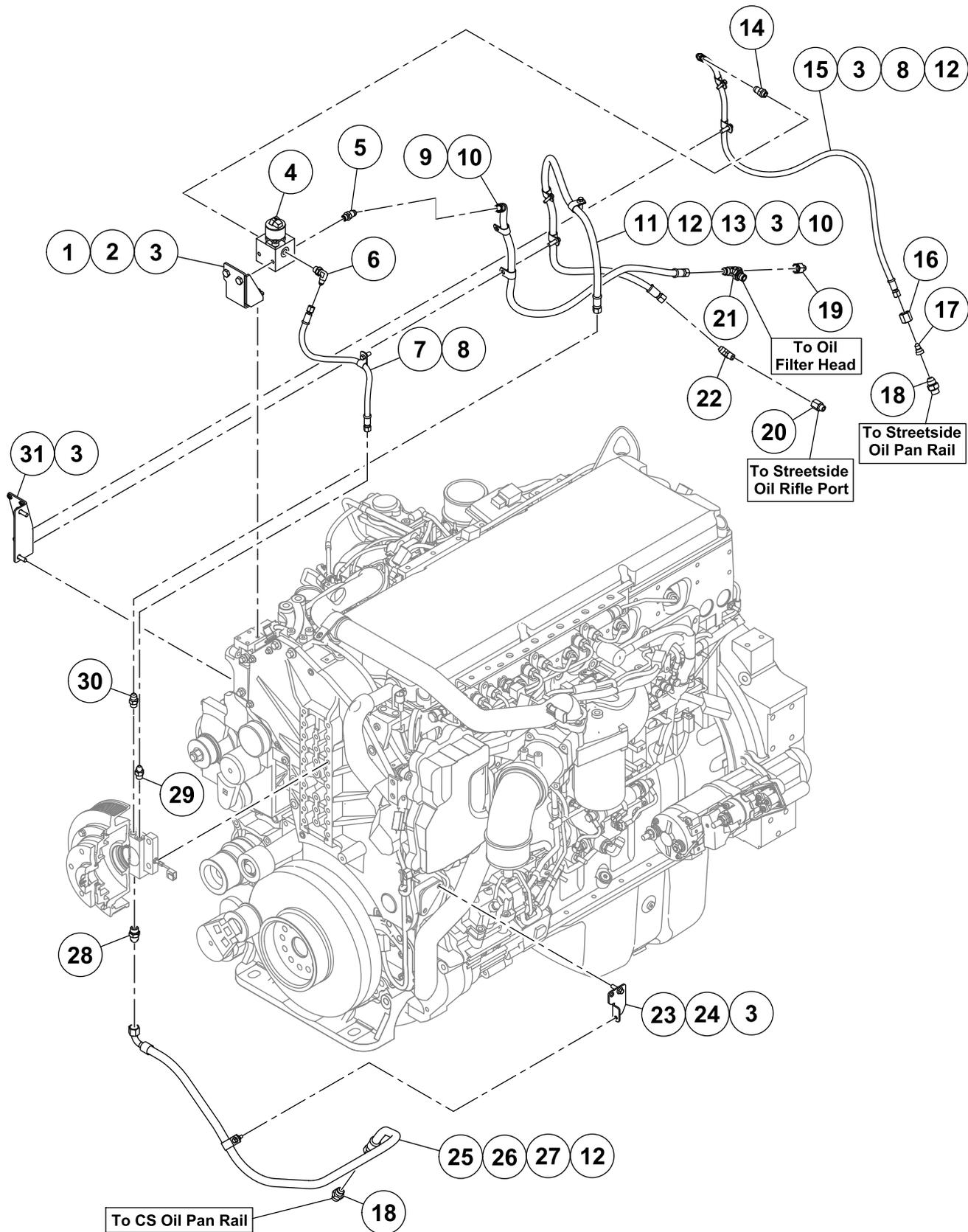
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46615380	Kit, Ether QSX15	1	
2	92368687	Screw, Tapping, M06 - 1.0 X 14	4	
3	35306141	Terminal Connector	2	
4	95923363	Nut, Hex Nylon Insert, 3/4" - 10	1	
5	95934253	Screw, Hex, 3/4" - 10 X 4"	1	
6	35584556	Mount, Center Bond	1	
7	35273937	Washer, Snubber	1	
8	54570122SB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



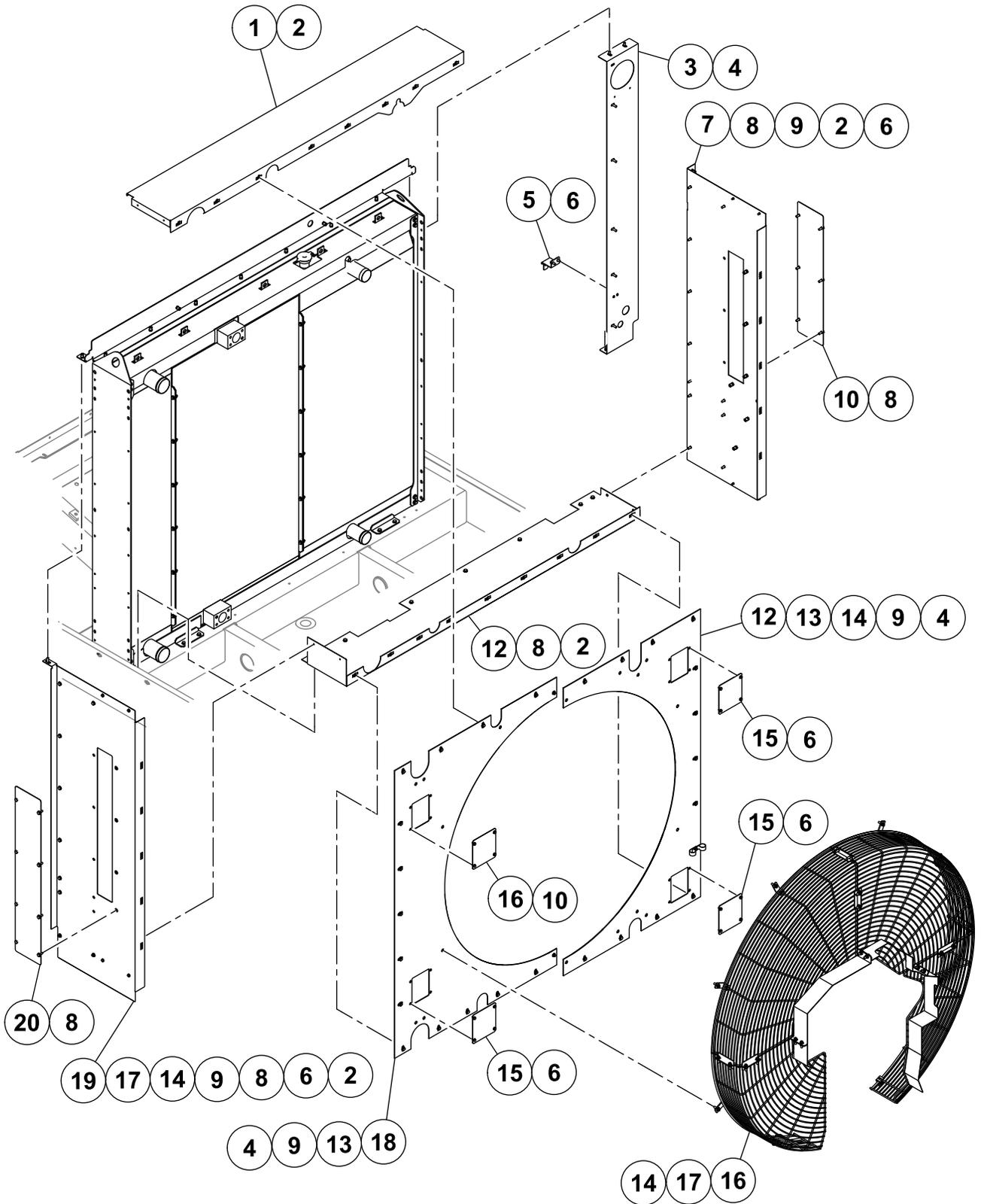
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46647799GB	Guard, Turbo Cummins	1	
2	36879492	Screw, Hex Flange, M12 - 1.75 X 25	4	
3	36889608	Screw, Hex Flange, M08 - 1.25 X 25	2	
4	46671024	Screw, M12-1.75 X 60	4	
5	36879203	Nut, Hex, Flange Serrated, M12 -1.75	4	
6	46643008	Belt, Engine Fan	1	
7	46666788	Clutch,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

Engine, Fan Clutch



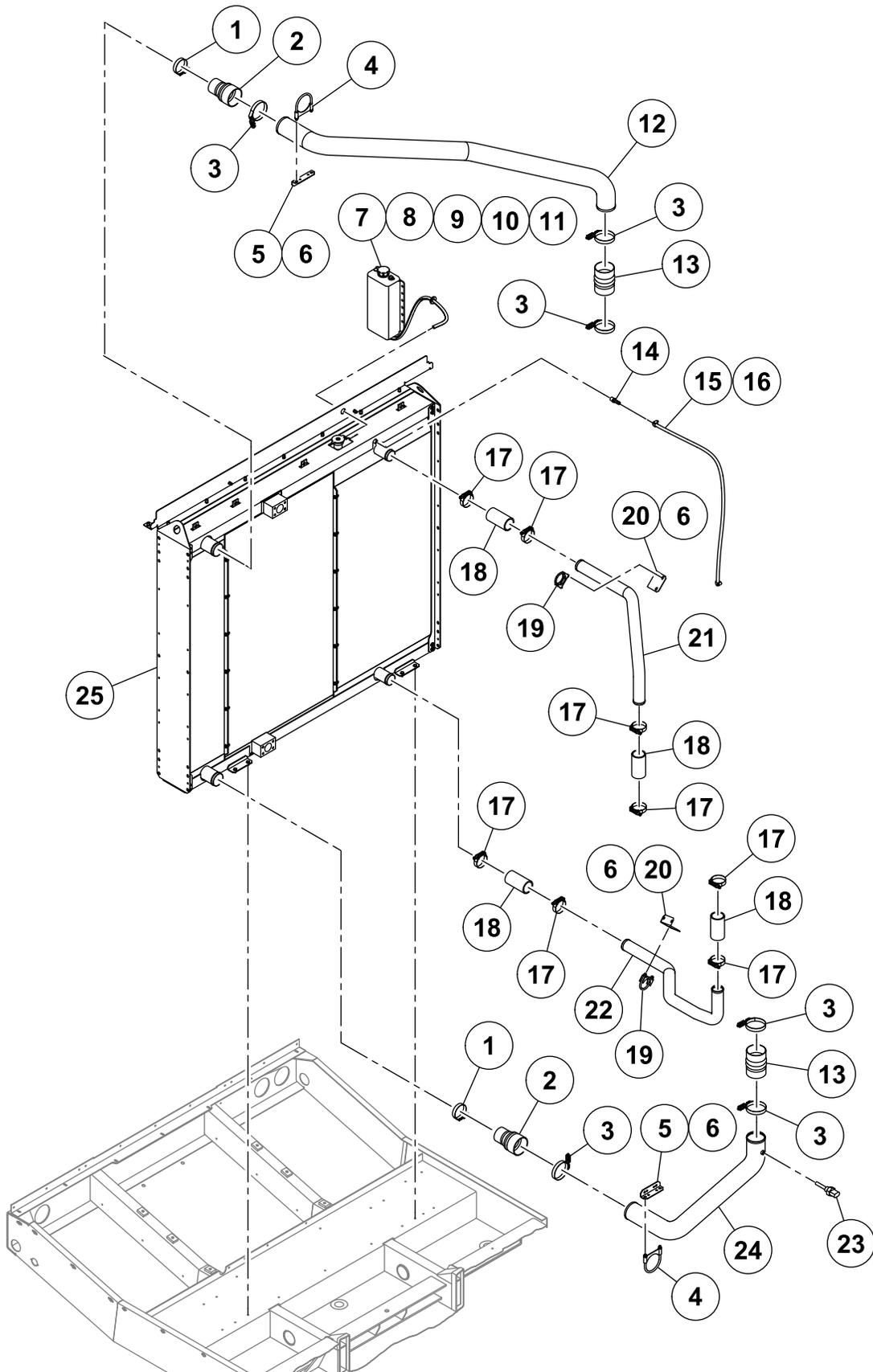
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46655082SB	Bracket, Fan Clutch Control Valve	1	
2	96702279	Screw, Hex, M10 - 1.5 X 20	2	
3	36889608	Screw, Hex, M8 - 1.25 X 25	7	
4	46655083	Controller, Fan Clutch	1	
5	35279835	Elbow, 45° 9/16" - 18 X -6 JIC	1	
	35278571	O-Ring, 0.468" ID X 0.078" BUNA	1	
6	95365094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

Cooling System, Fan Shroud Installation



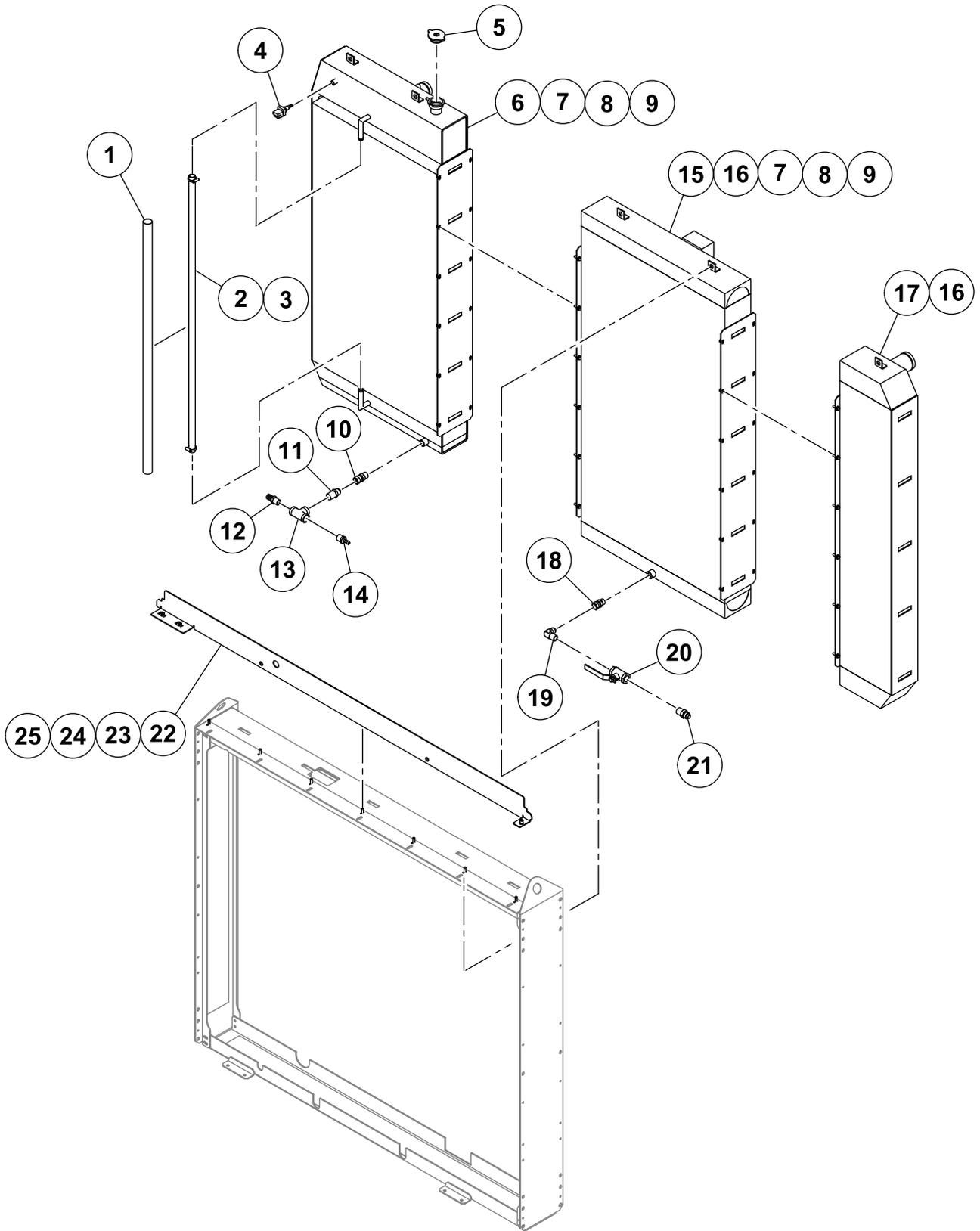
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46560539SA	Shroud, Cooler Top	1	
2	35346741	Nut, Retainer, 5/16" - 18	29	
3	46651471SA	Baffle, Cooler Streetside	1	
4	35144336	Screw, Hex Flange Lock, 5/16" - 18 X 3/4"	29	
5	46636141SA	Bracket, Hose Clamp	1	
6	36797652	Screw, Tapping, M06 - 1.0 X 12	26	
7	46651472SA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

Cooling System, Cooling Package Installation



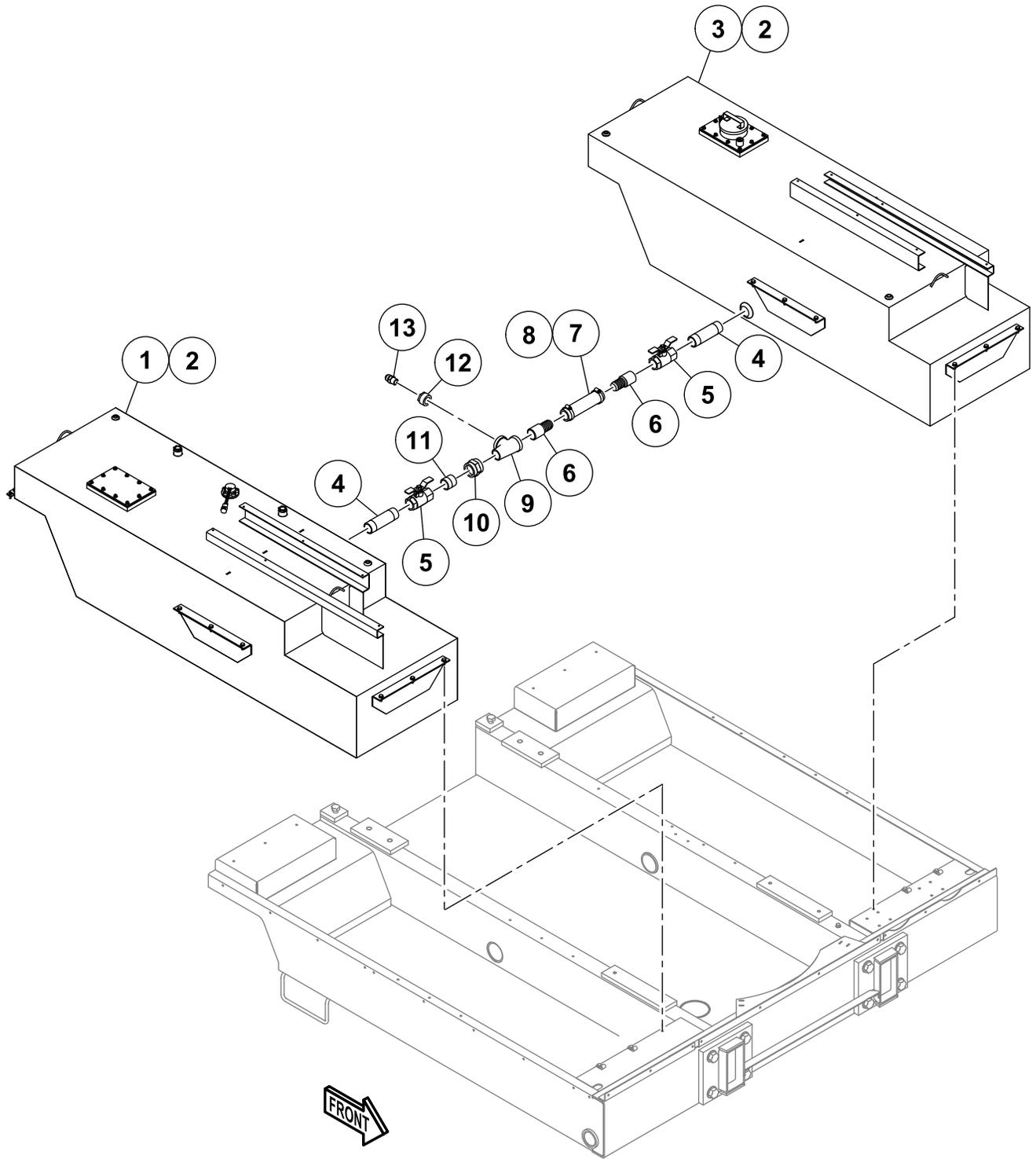
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46490835	Clamp, Spring Loaded T-Bolt, 3-1/4" - 3-1/2" ID	2	
2	22058564	Hose, Straight Bellows, 4" - 3"	2	
3	54444427	Clamp, Spring Loaded T-Bolt, 4" - 4-5/16" ID	6	
4	35111731	Clamp, Saddle, 4" ID	2	
5	46572839SA	Bracket, Clamp Support	2	
6	36889608	Screw, Hex Flange, M08 - 1.25 X 25	6	
7	36845600	Bottle, Radiator Overflow	1	
8	35360775	Tubing, 5/16" ID	33	Measured in Inches
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	
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	Measured in Inches
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



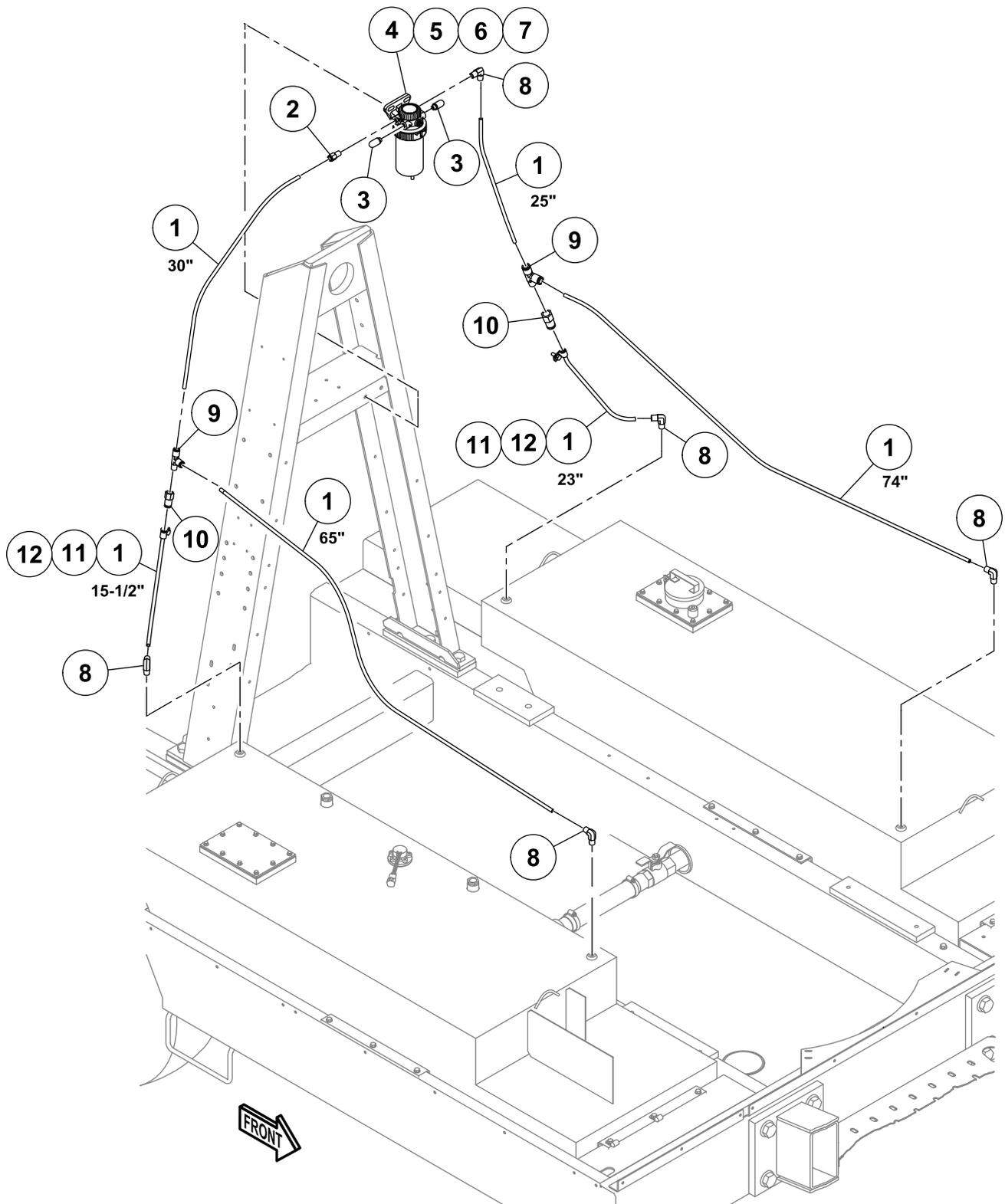
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46652356	Sleeving, Thermal, 1-1/2"	50	Measured in Inches
2	46652352	Hose, Silicone, Coolant, 3/4"	55	Measured in Inches
3	46641422	Clamp, Constant Tension #12	2	
4	22769186	Sensor, Coolant Level	1	
5	22078190	Cap, Radiator	1	
6	46556490	Radiator	1	
7	95929782	Nut,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



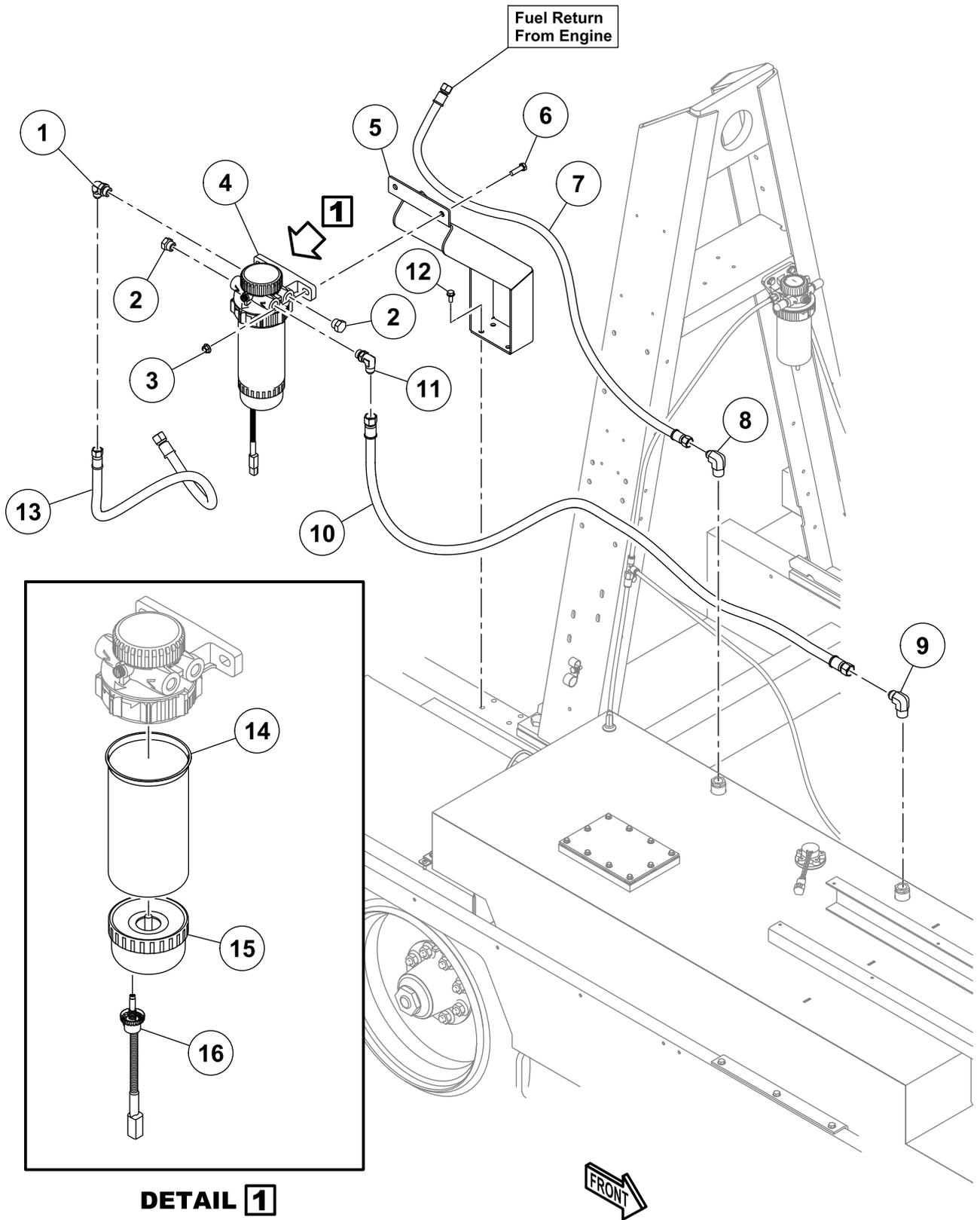
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46653146SB	Tank, Tandem, RH Fuel	1	
2	35279025	Screw, Tapping, M08 - 1.25 X 20	24	
3	46653145SB	Tank, Tandem, LH Fuel	1	
4	95953535	Nipple, Long, 1-1/2" NPT X 6"	2	
5	46586499	Valve, Ball, 1-1/2" NPT Tee Handle	2	
6	54762190	Fitting, Barbed, 1-1/2" NPT X 2"	2	
7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

Fuel System, Tandem, Venting



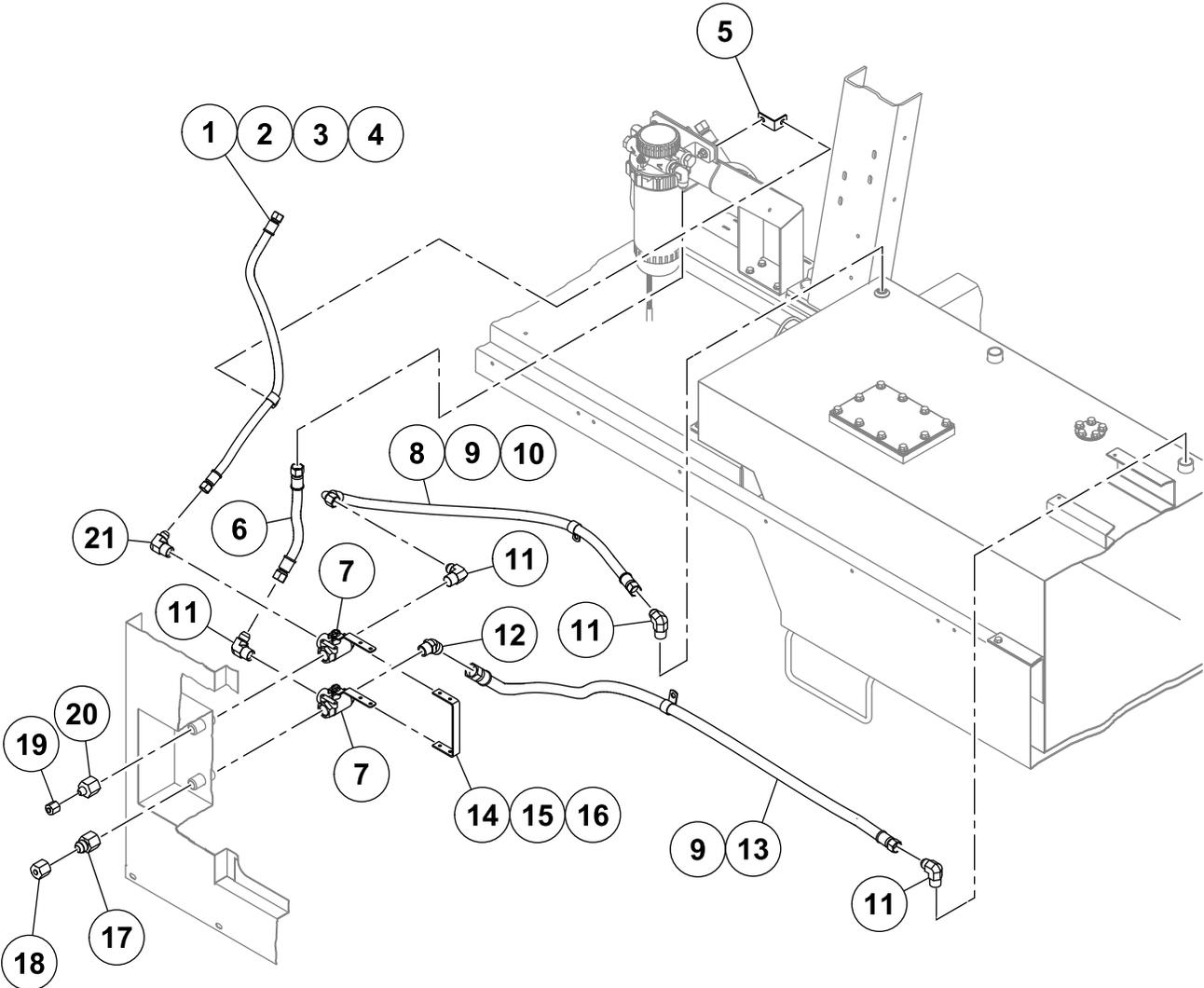
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35356484	Tubing, Synflex, 3/8" OD	222	Measured In Inches
2	35369347	Connector, 1/4" NPT X 3/8" Tube	1	
3	35322395	Silencer, Pneumatic, 1/4" NPT	2	
4	46591539	Filter, Fuel Tank Vent 5 Micron	1	
5	36881886	Nut, Hex Flange, M08 - 1.25	2	
6	95934998	Washer, Flat, 5/16"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

Fuel System, Tandem, Standard Piping



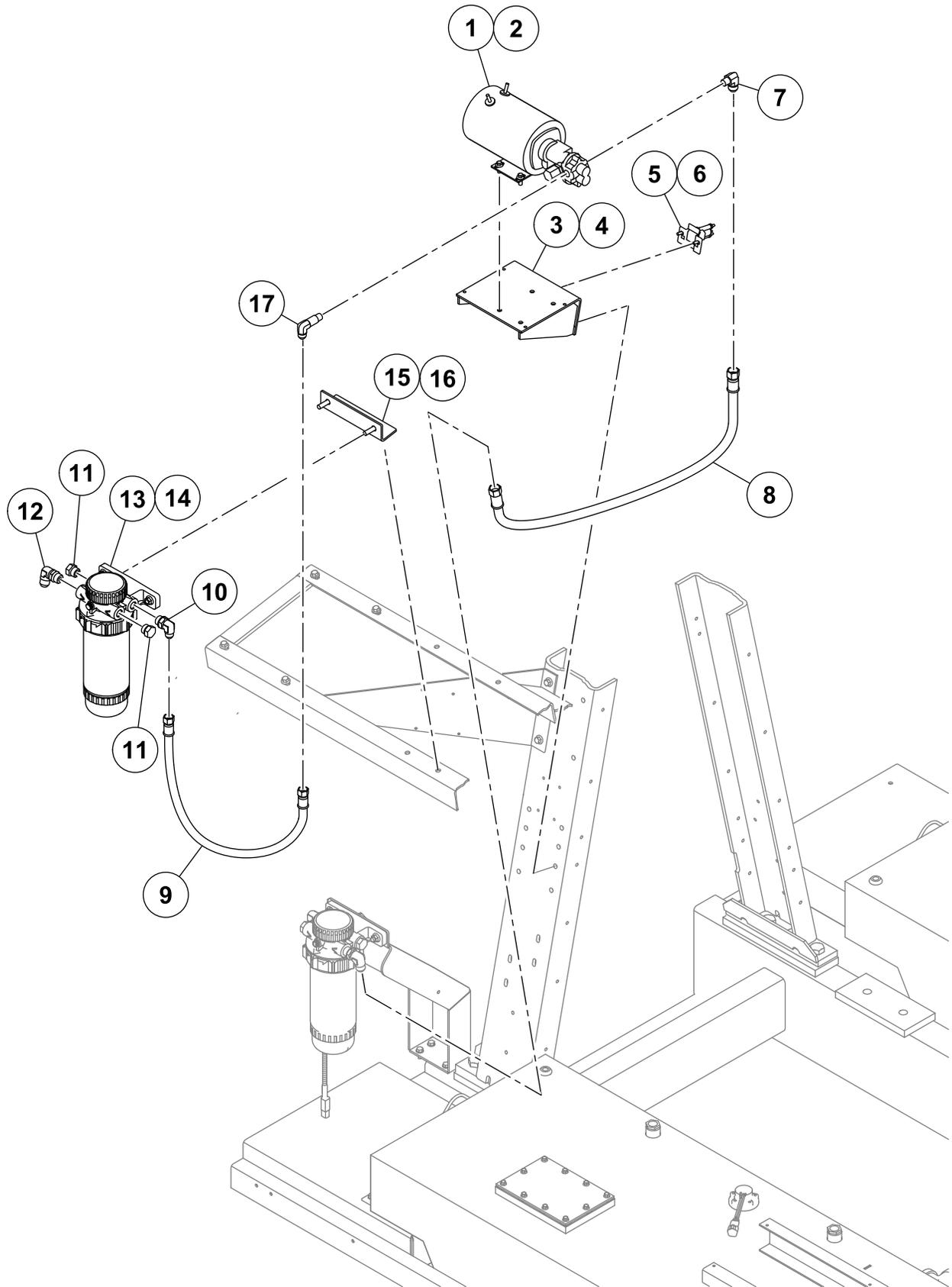
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46628021	Elbow, 90° 7/8" - 14 O-Ring X -8 JIC Swivel	1	
	95973228	O-Ring	1	
2	35287028	Plug, 7/8" - 14 O-Ring	2	
	35286533	O-Ring	2	
3	36879195	Nut, Hex Flange, M10 - 1.5	2	
4	46578119	Filter, Fuel / Water Separator 7 Micron	1	
5	46586779SB	Bracket, 7 Micron Fuel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

Fuel System, Tandem, Remote Fuel Lines, No Pump



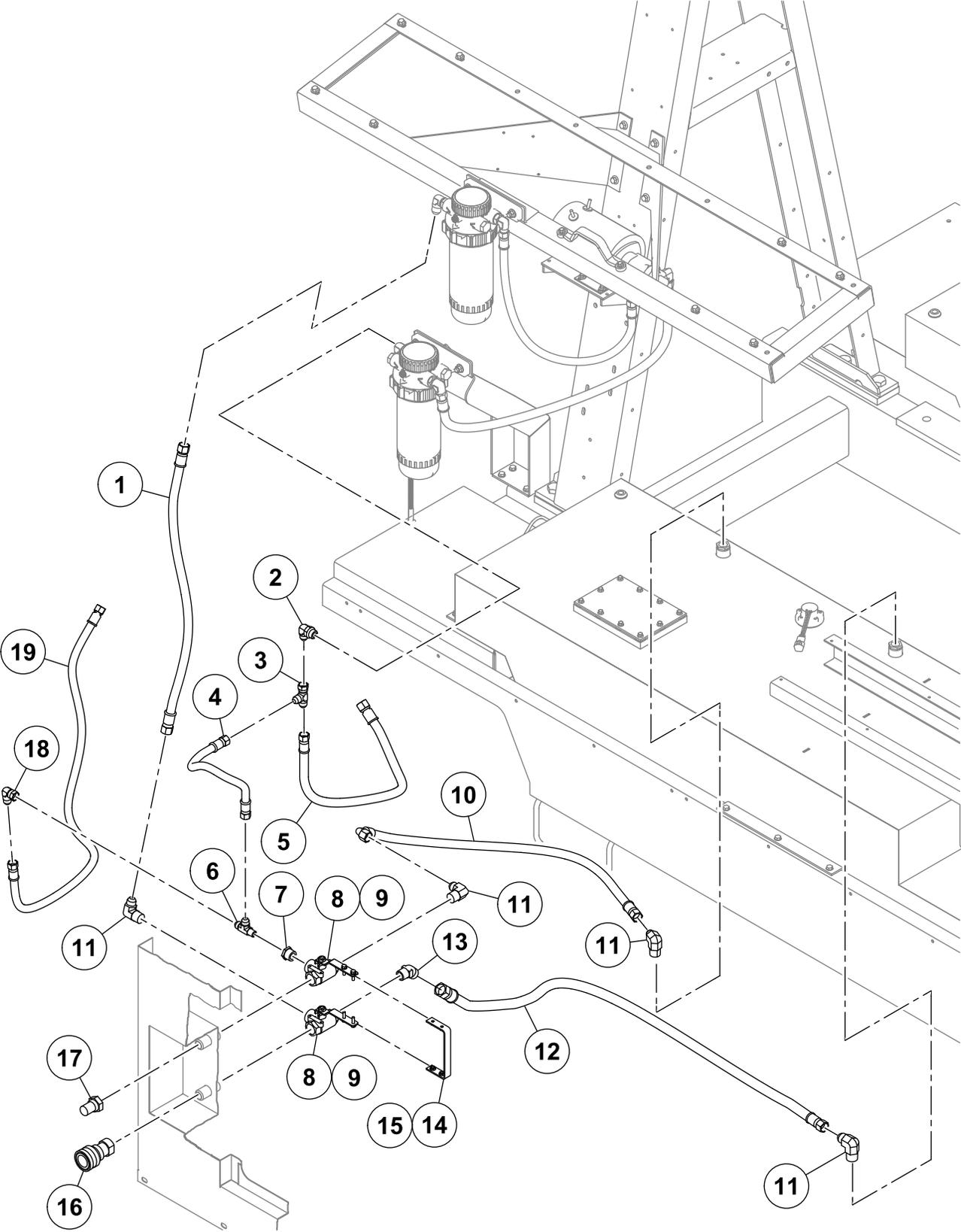
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35295179	Hose, -8 JIC X 34"	1	
2	35291285	Clamp, Hose, 13/16"	1	
3	96702824	Screw, Hex Head, M08 -1.25 X 20	1	
4	96735543	Nut, Hex, M08 - 1.25	1	
5	35127224	Bracket, Support,	1	
6	35287010	Hose, -10 JIC X 12"	1	
7	54726575	Valve, 3-Way 3/4" NPT	2	
8	46568771	Hose,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

Fuel System, Tandem, Remote Fuel With Electric Fuel Pump



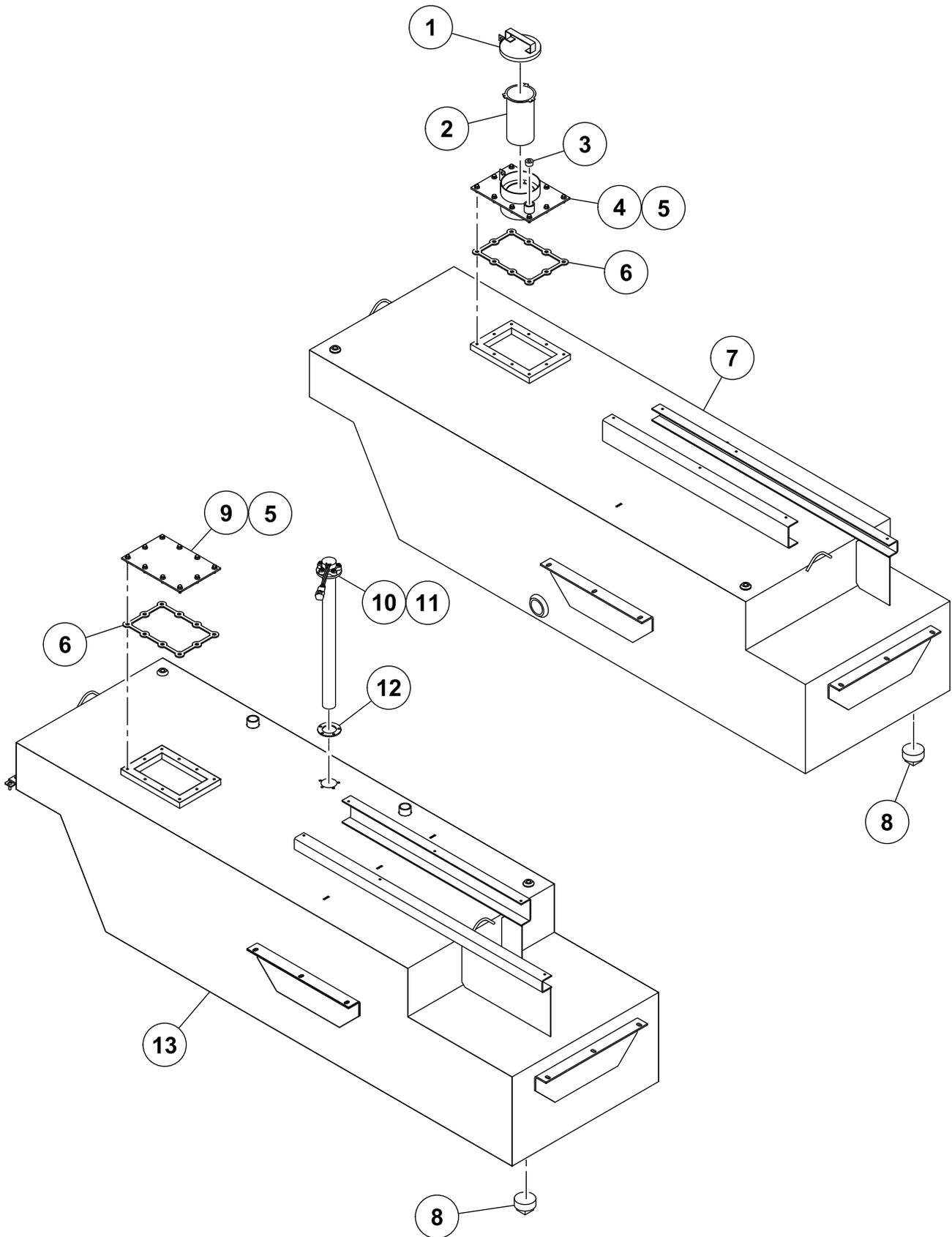
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46595339	Fuel Pump Assembly	1	
	95973228	O-Ring, 0.755" ID X 0.097" Viton	1	
2	96704408	Screw, Hex Flange, M08 - 1.25 X 20	4	
3	23116270	Bracket, Fuel Pump Mounting	1	
4	36881886	Nut, Hex, M08 - 1.25	4	
5	36853521	Relay, 100A 24V	1	
6	92368687	Screw, Tapping, M06 - 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	Replacement Element
	46609199	Bowl, Fuel / Water Separator	1	

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



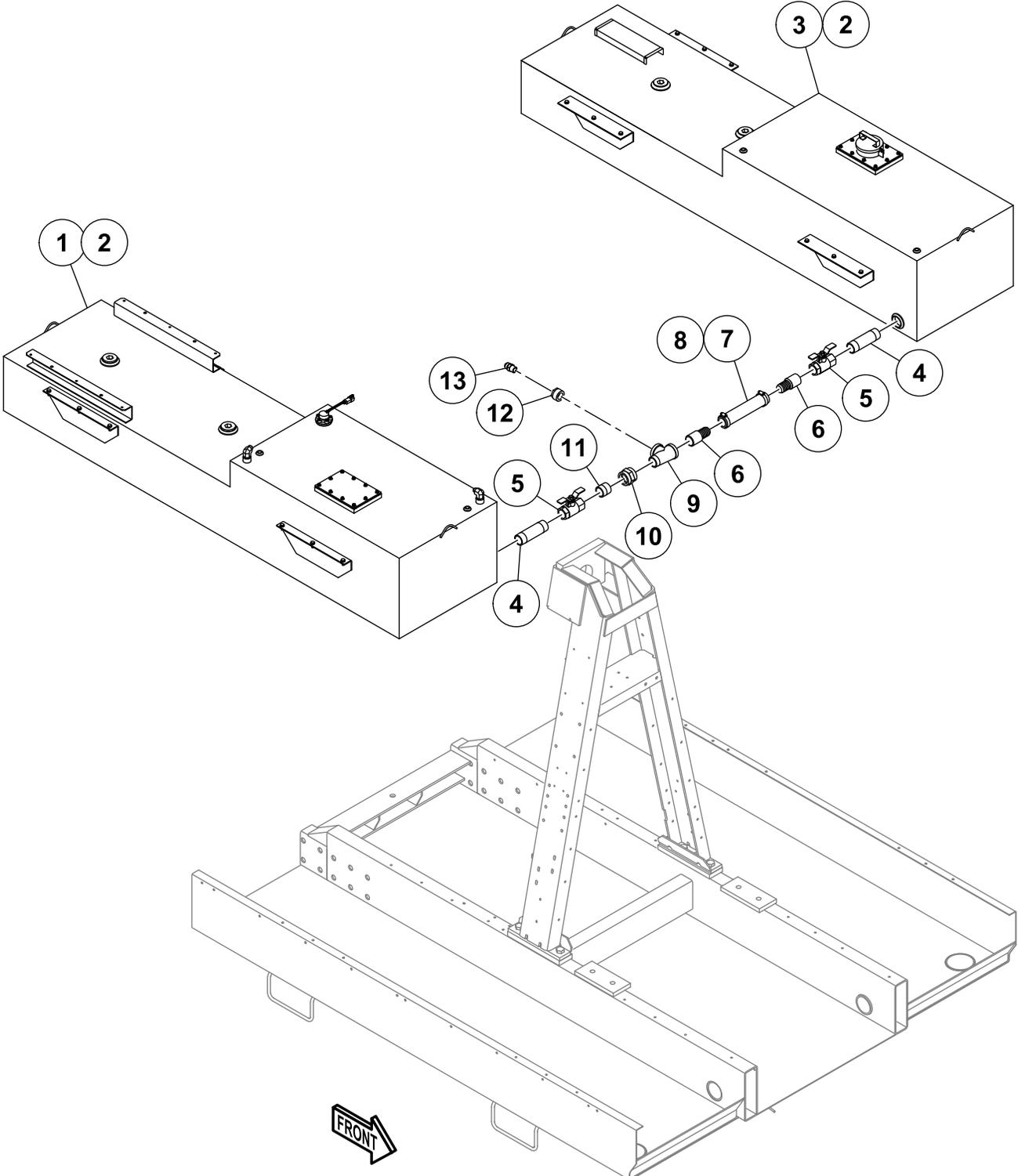
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35325083	Hose, -10 JIC X 34"	1	
2	35286442	Elbow, 90° 3/4" NPT X -8 JIC	1	
3	35287929	Tee, -8 JIC X -8 JIC X -8 JIC	1	
4	35287952	Hose, -8 JIC X 18"	1	
5	46580979	Hose, -10 JIC X 38"	1	
6	35315977	Tee, 3/8" MP X -8 X -8	1	
7	95953956	Bushing, Hex Reducer, 3/4" NPT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

Fuel System, Tandem, Fuel Tank Assemblies



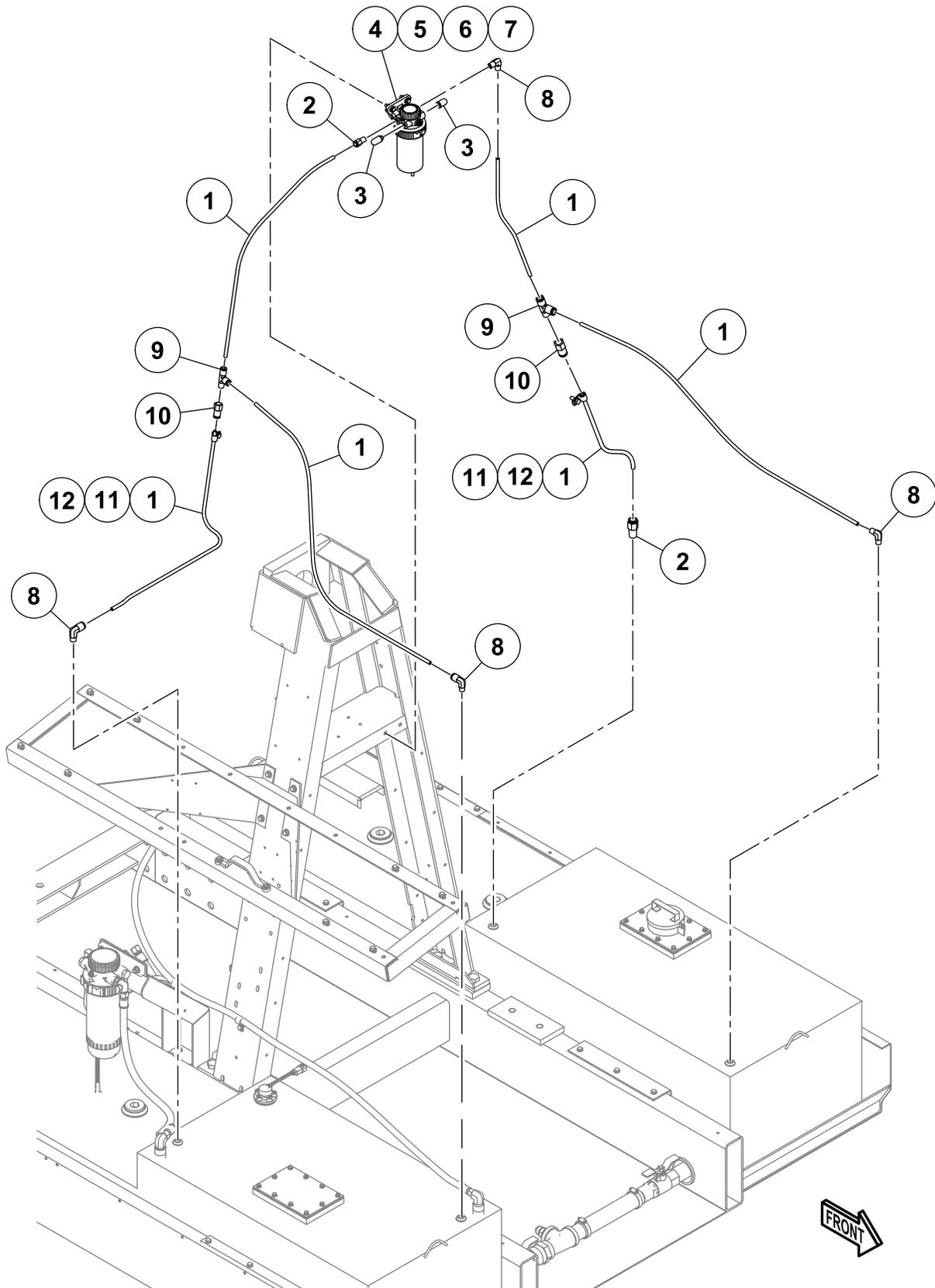
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36845014	Cap, Fuel Filler	1	
2	36845022	Strainer, Fuel Tank	1	
3	95928255	Plug, Hex Socket, 1/2" NPT	1	
4	23148737	Cover, Fuel Fill	1	
5	35144328	Screw, Hex Lock, 1/4" - 20 UNC X 5/8"	20	
6	35389964	Gasket, Cover	2	
7	46653145SB	Tank, Tandem, SS Fuel	1	
8	95437141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

Fuel System, Wagon, Fuel Tank Installation



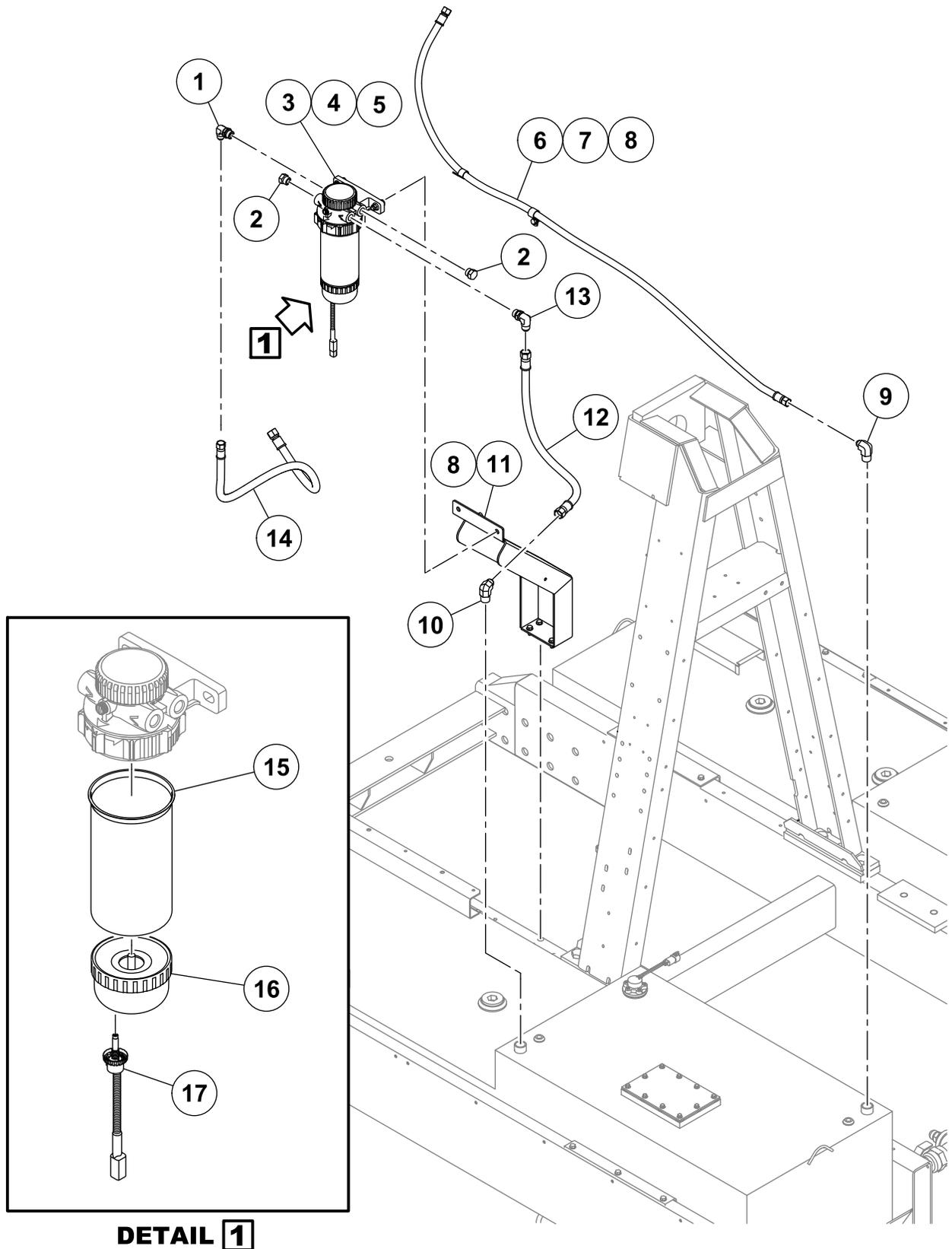
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46654985SB	Tank, Fuel, Curbside, Wagon	1	
2	35279025	Screw, Hex, M08 - 1-1/4" X 20	24	
3	46654984SB	Tank, Fuel, Streetside, Wagon	1	
4	95953535	Nipple, 1-1/2" NPT X 6"	2	
5	46586499	Valve, Ball, 1 - 1/2" NPT	2	
6	54762190	Fitting, Barbed, 1-1/2" NPT X 2"	2	
7	46645703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

Fuel System, Wagon, Venting



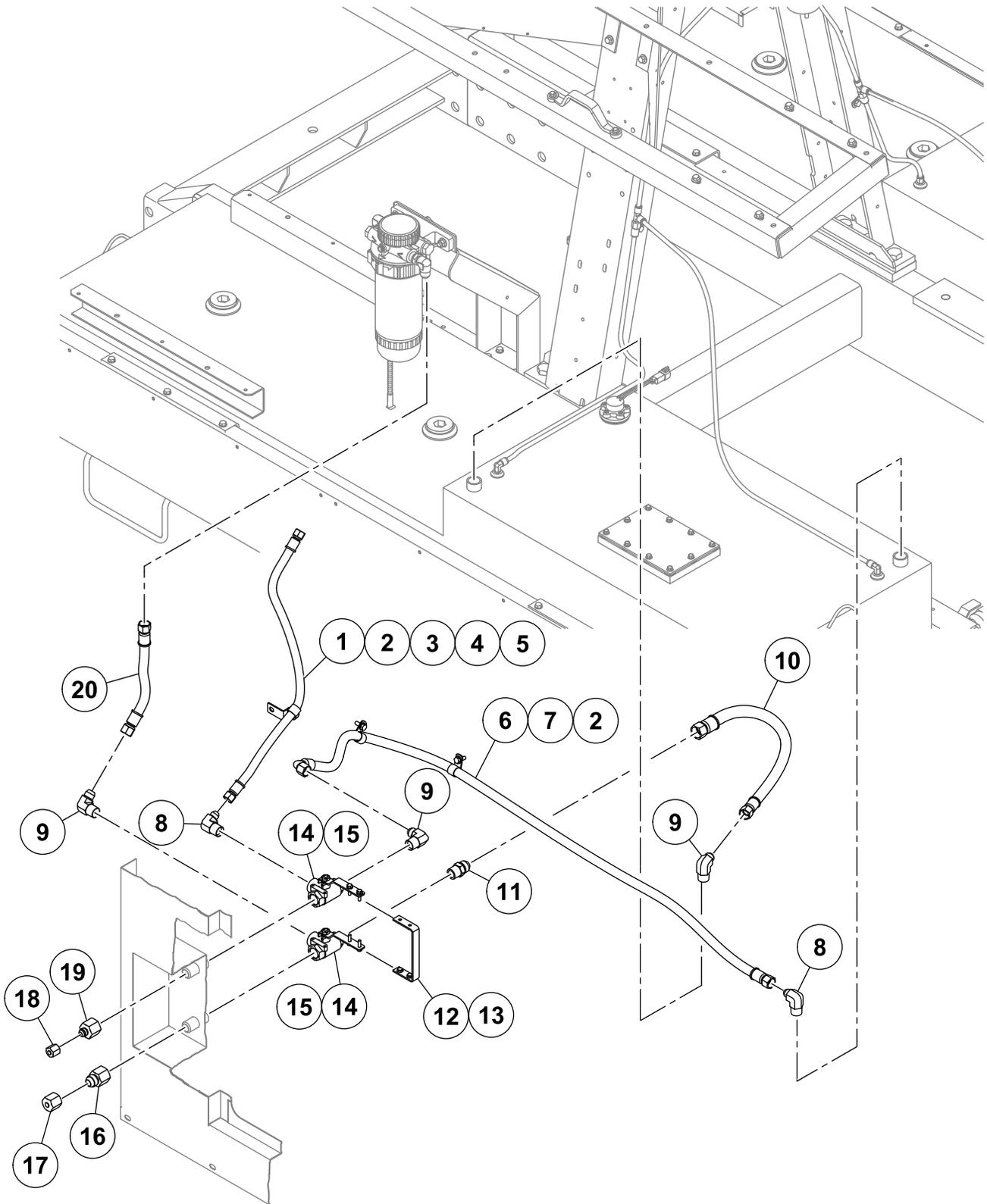
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35356484	Tubing, Synflex, 3/8" OD	222	Measured In Inches
2	35369347	Connector, 1/4" NPT X 3/8" Tube	1	
3	35322395	Silencer, Pneumatic, 1/4" NPT	2	
4	46591539	Filter, Fuel Tank Vent 5 Micron	1	
5	36881886	Nut, Hex Flange, M08 - 1.25	2	
6	95934998	Washer, Flat, 5/16"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

Fuel System, Wagon, Standard Piping



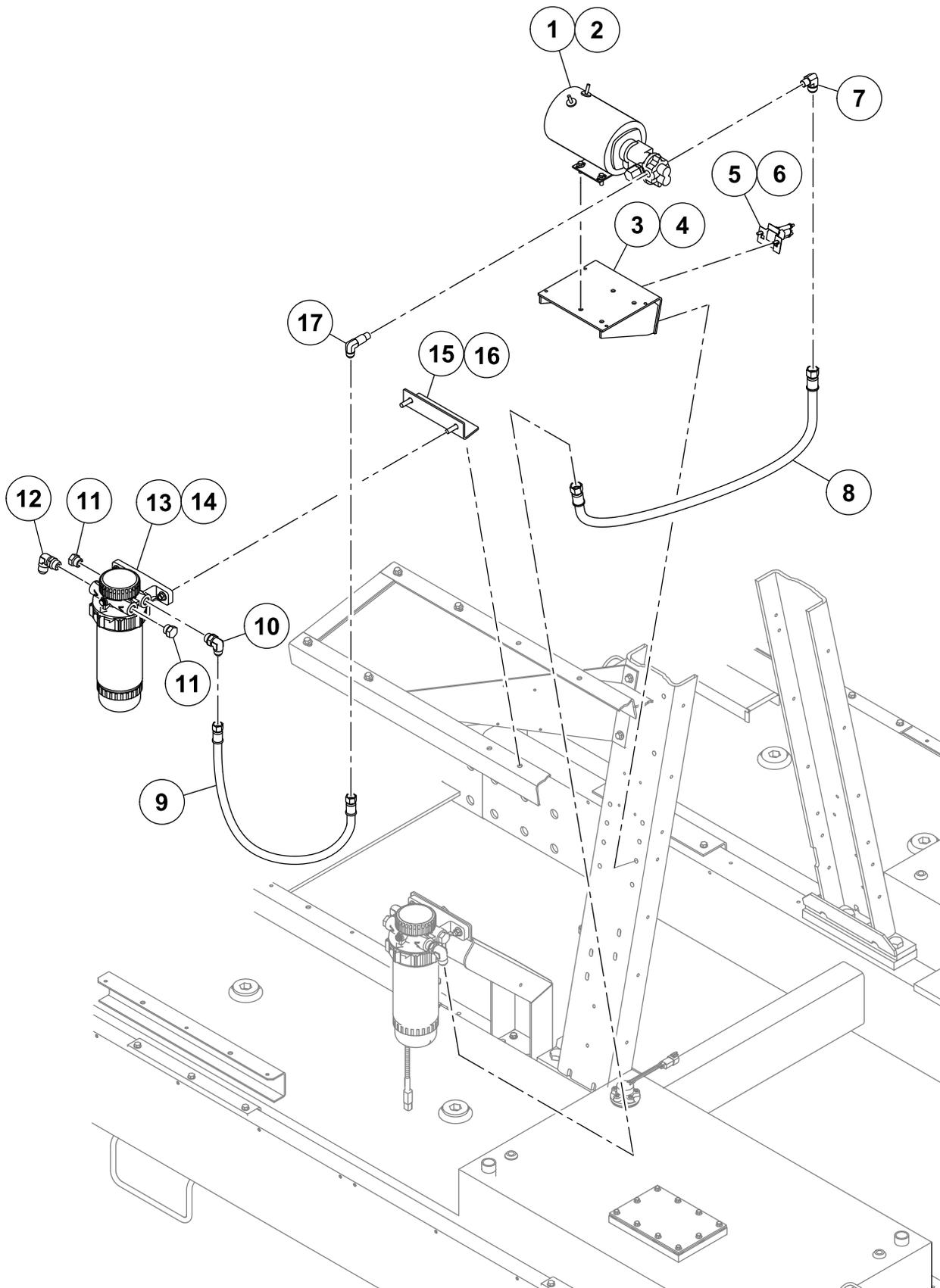
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46628021	Elbow, 90° - 8 JIC X 7/8" - 14	1	
2	35287028	Plug, O-Ring 7/8" - 14	2	
3	46578119	Filter, Fuel/Water Separator 7 Micron	1	
4	36879195	Nut, Hex, M10 - 1.5	2	
5	96704309	Screw, Hex, M10 - 1.5 X 35	2	
6	35283522	Hose, -8 JIC X 77"	1	
7	35291285	Clamp, Support,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

Fuel System, Wagon, Remote Fuel, No Pump



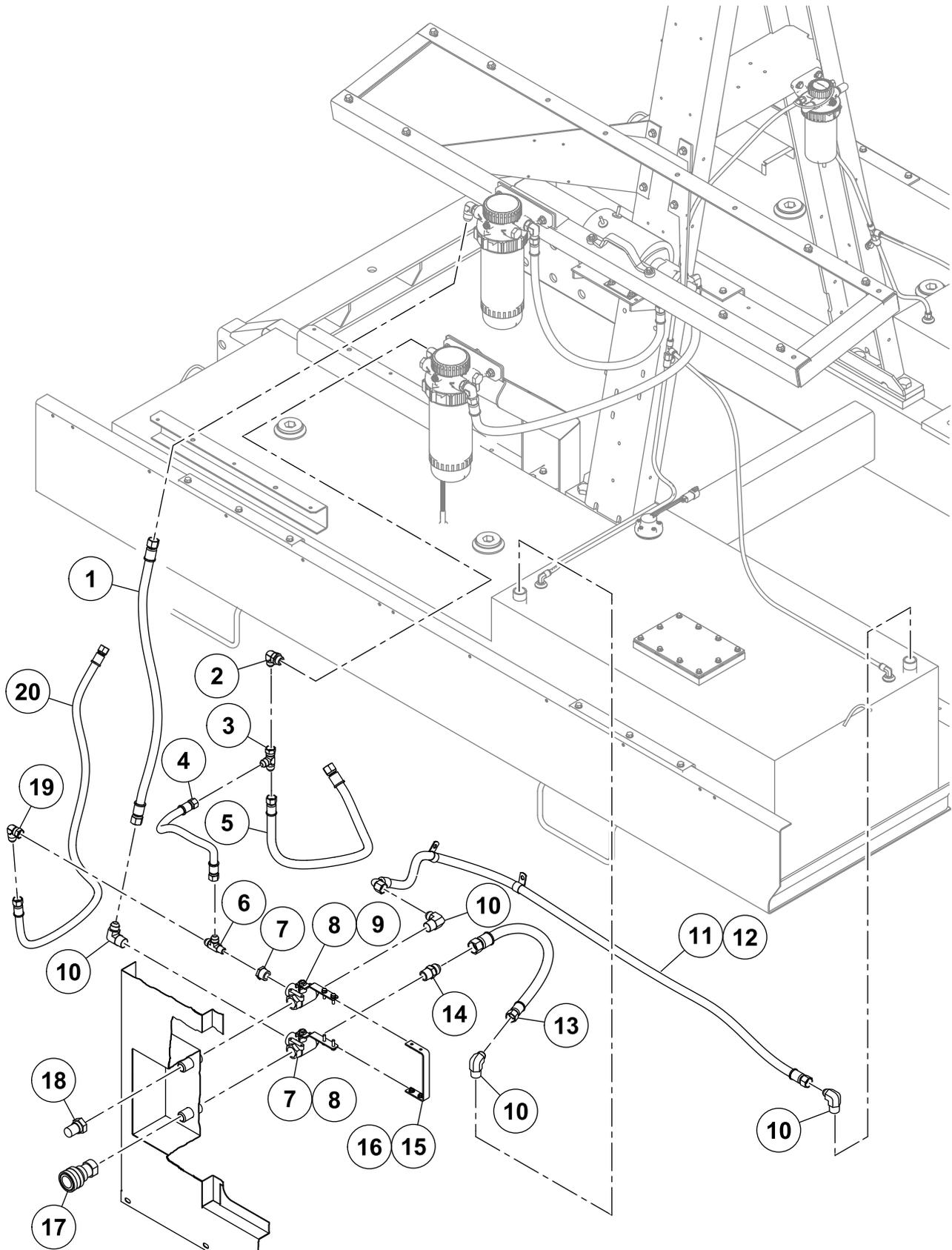
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35295179	Hose, -8 JIC X 34"	1	
2	35291285	Clamp, Hose, 13/16"	3	
3	96702824	Screw, Hex Head, M08 -1.25 X 20	1	
4	96735543	Nut, Hex, M08 - 1.25	1	
5	35127224	Bracket, Support,	1	
6	46627142	Hose, -10 JIC X 68 - 1/2" 90° Elbow	1	
7	35279025	Screw, Hex Head, M08-1.25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

Fuel System, Wagon, Remote Fuel With Electric Fuel Pump



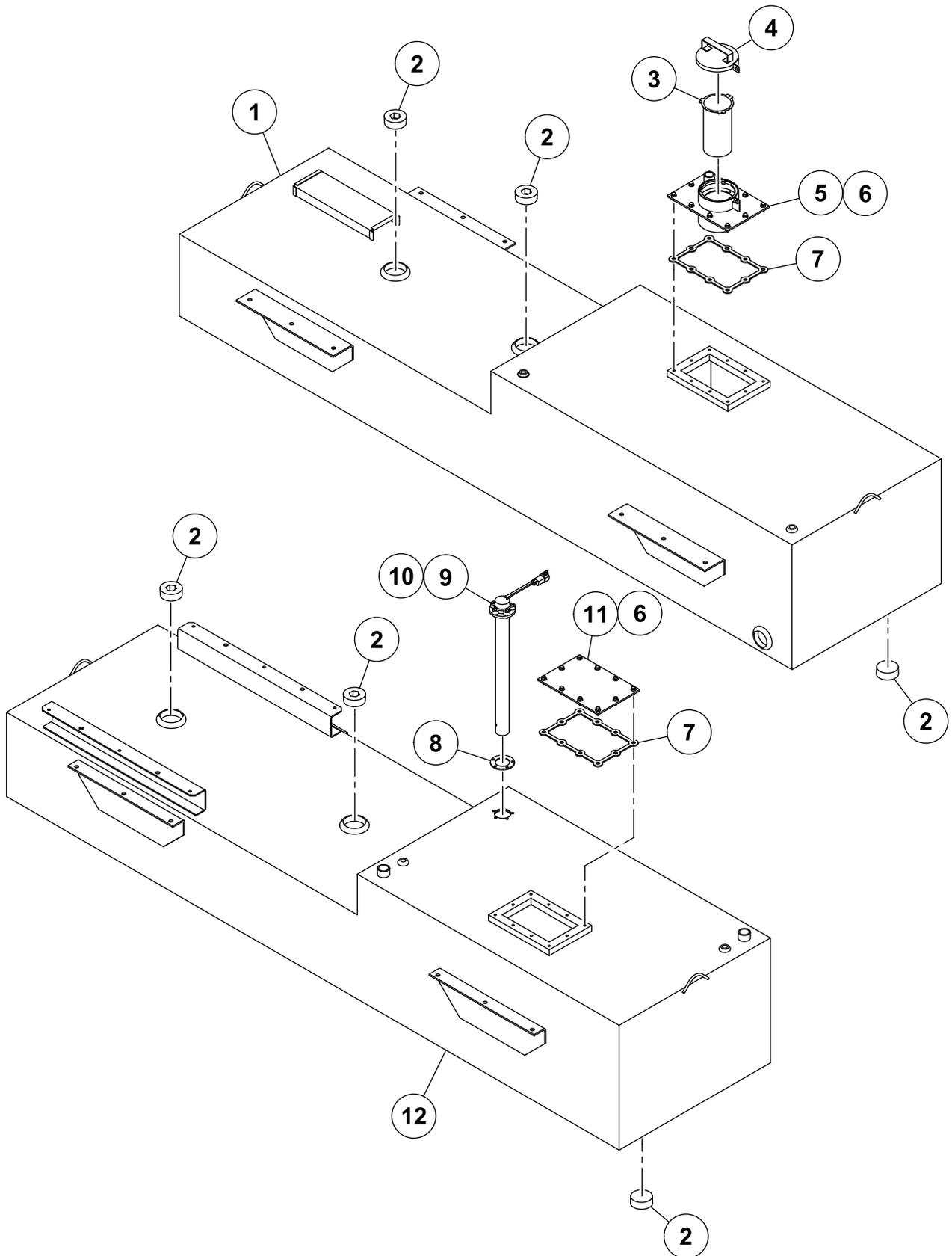
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46595339	Fuel Pump Assembly	1	
2	96704408	Screw, Hex Flange, M08 - 1.25 X 20	4	
3	23116270	Bracket, Fuel Pump Mounting	1	
4	36881886	Nut, Hex, M08 - 1.25	4	
5	36853521	Relay, 100A 24V	1	
6	92368687	Screw, Tapping, M06 - 1.0 X 14	2	
7	35286525	Elbow, 90° 3/8" NPT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

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



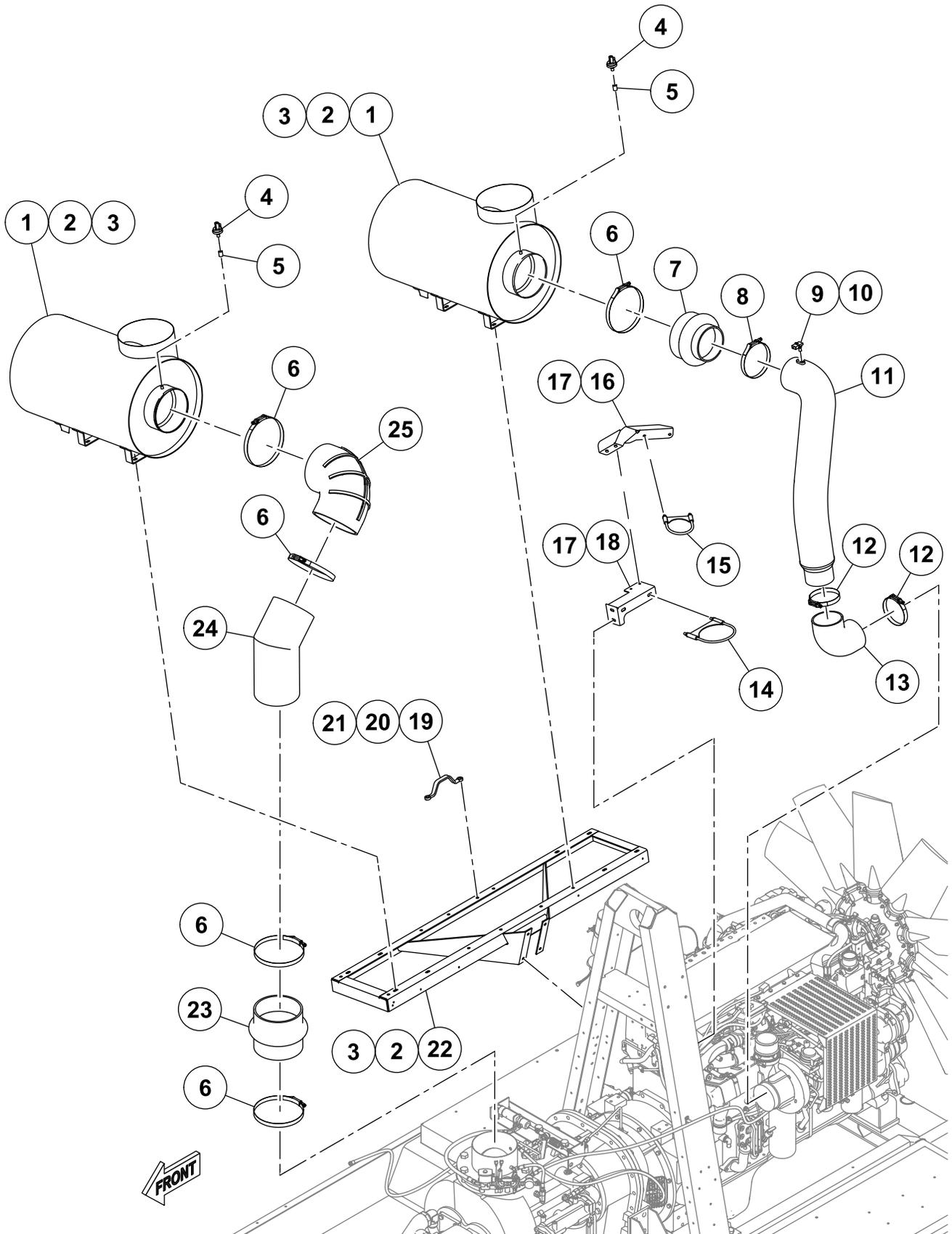
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35325083	Hose, -10 JIC X 34"	1	
2	35286442	Elbow, 90° 3/4" NPT X -8 JIC	2	
3	35287929	Tee, -8 JIC X -8 JIC X -8 JIC	1	
4	35287952	Hose, -8 JIC X 18"	1	
5	46580979	Hose, -10 JIC X 38"	1	
6	35315977	Tee, 3/8" MP X -8 X -8	1	
7	95953956	Bushing, Hex Reducer, 3/4" NPT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

Fuel System, Wagon, Fuel Tank Assemblies



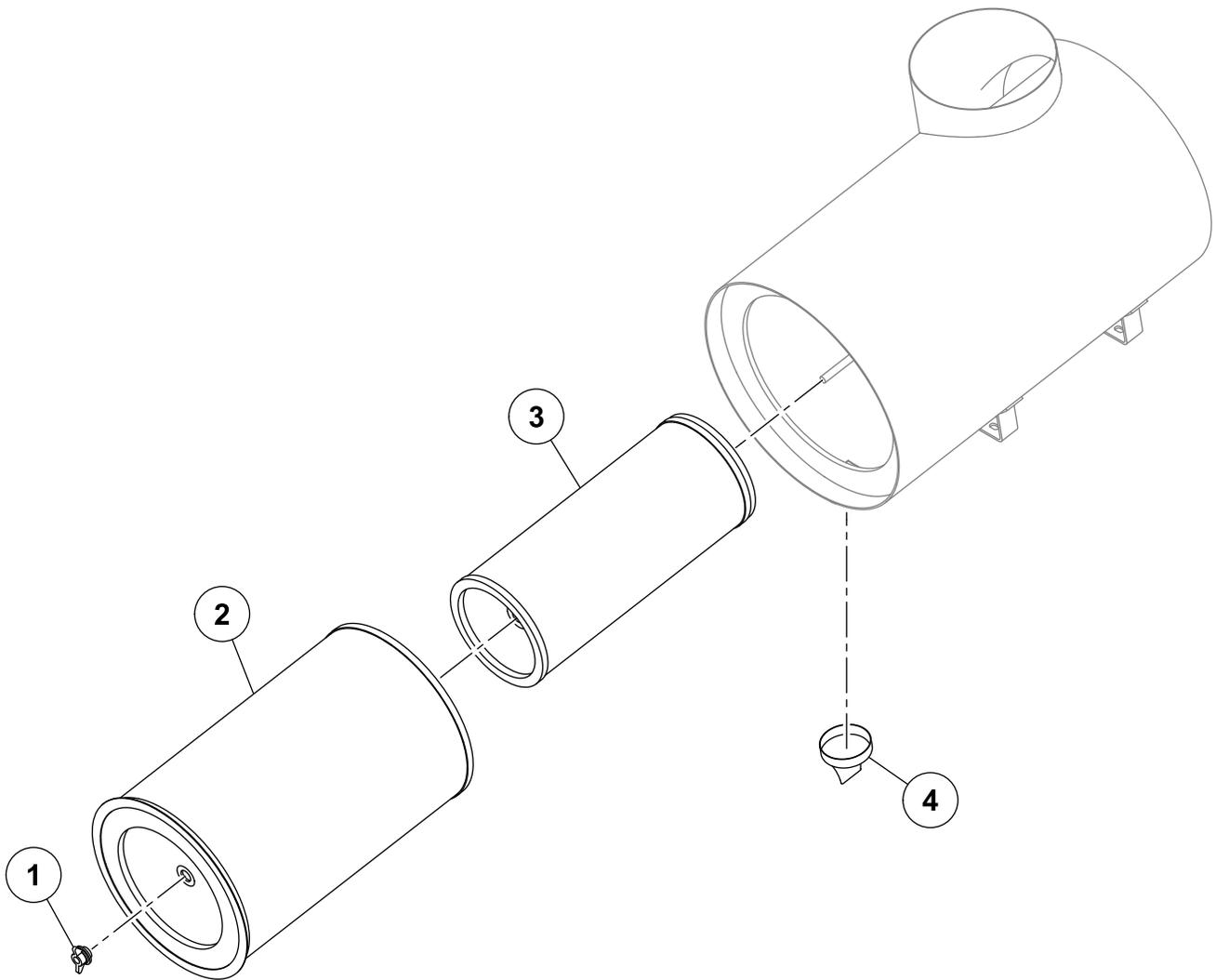
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46654984	Tank, Fuel, CS Wagon	1	
2	95941811	Plug, Hex, 2" NPT	6	
3	36845022	Strainer, Fuel Tank	1	
4	36845014	Cap, Fuel Filler	1	
5	46652621	Cover, Fuel Tank Filler	1	
6	35144328	Screw, Hex Flange, 1/4" - 20 X 5/8"	20	
7	35389964	Gasket, Cover	2	
8	35361849	Gasket,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

Air Intake



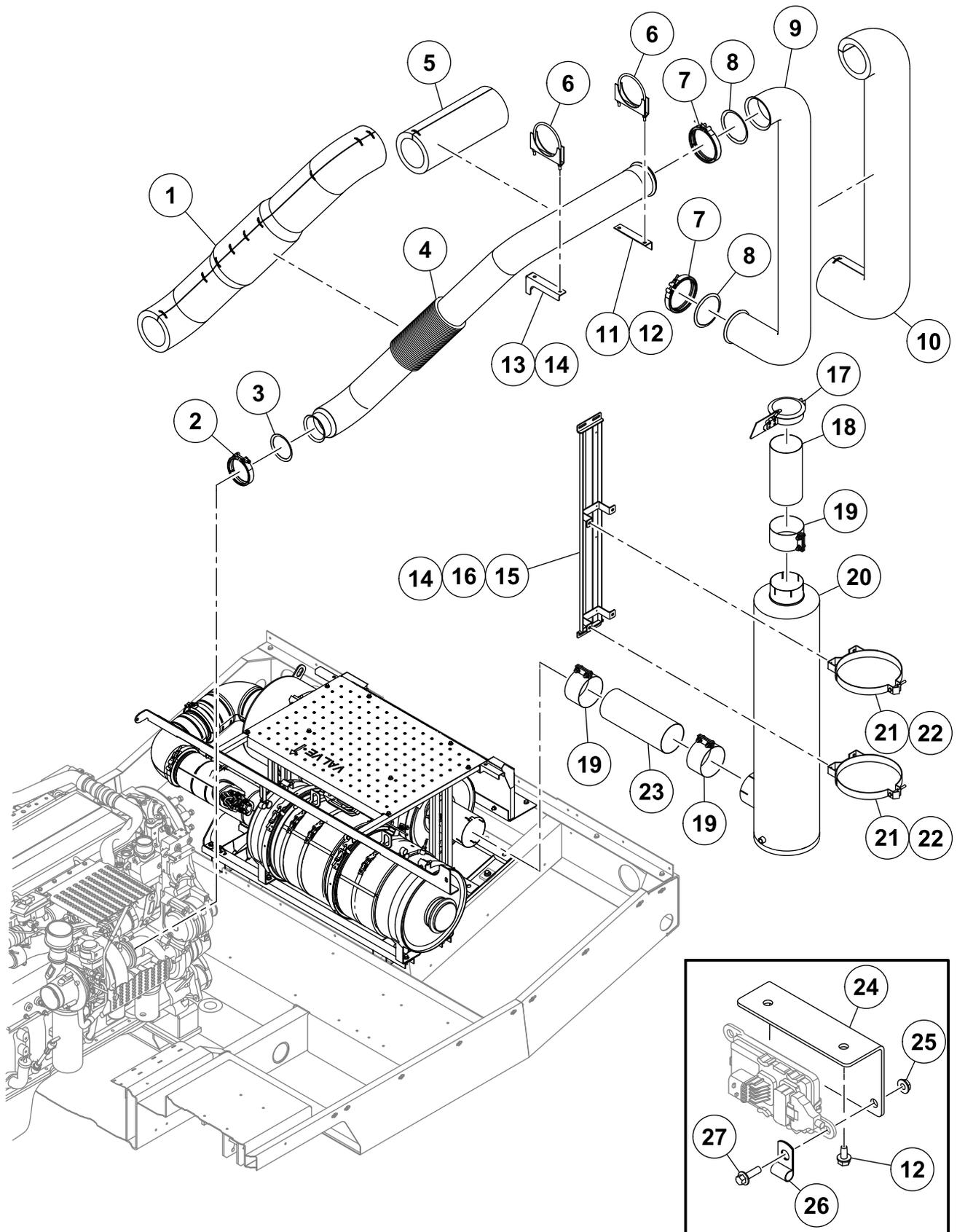
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36864346	Air Cleaner Assembly,	2	
2	36880995	Screw, Hex Head Flange, M10 - 1.5 X 30	12	
3	36879195	Nut, Hex Flange, M10 - 1.5	12	
4	36847838	Switch, Vacuum	2	
5	95935599	Coupling, 1/8" NPT X 3/4"	2	
6	35129071	Clamp, T-Bolt, 8-7/8" Nom. ID	5	
7	46556495	Reducer,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

Air Intake, Air Cleaner Assembly



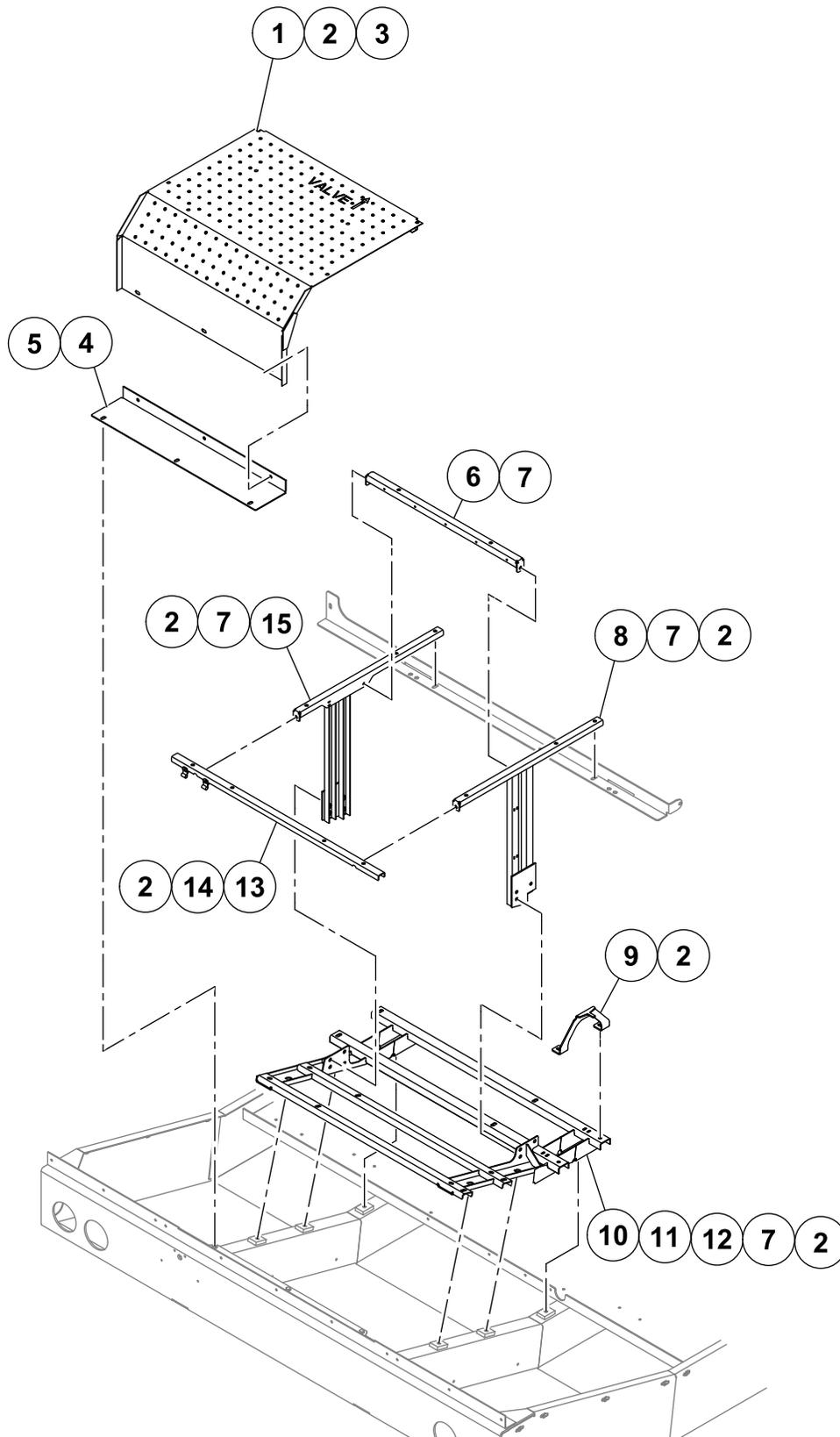
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35388982	Nut, Wing		
2	36864361	Element, Primary		
3	36864379	Element, Safety		
4	36867778	Valve, Evacuator		

Exhaust System, Muffler And Piping



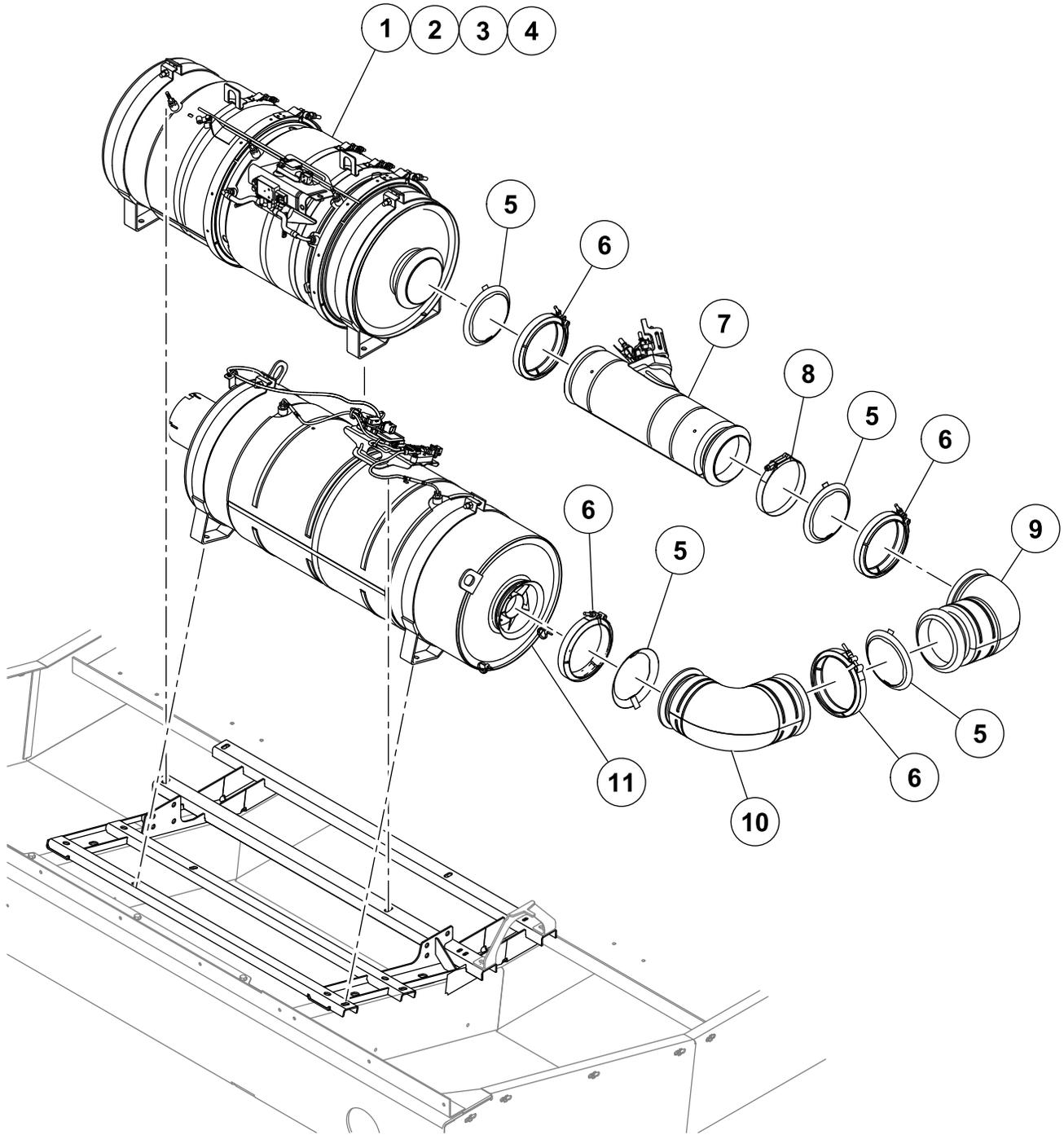
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46651469	Insulation, Exhaust Turbo Out	1	
2	35602796	Clamp, V-Band 4"	1	
3	46555680	Gasket, Exhaust 4"	1	
4	46651143	Tube, Exhaust Turbo Outlet	1	
5	46584919	Insulation, Exhaust Turbo Out Cooler Side	1	
6	35127653	Clamp, Muffler, 5"	2	
7	46557245	Clamp, Marmon, 5" X 70°	2	
8	46557244	Gasket, Exhaust, 5"	2	
9	46651144	Tube, Exhaust Diesel Particulate Filter In	1	
10	46651528	Insulation, Exhaust Diesel Particulate Filter In	1	
11	35611235SB	Bracket, Tailpipe SPRT	1	
12	36797652	Screw, Tapping, M06 - 1.0 X 12	4	
13	46581099SB	Bracket, Exhaust Support	1	
14	36889608	Screw, Hex Flange, M08 - 1.25 X 25	4	
15	46652058SB	Support, Muffler Vertical	1	
16	92368687	Screw, Tapping, M06 - 1.0 X 14	6	
17	35857036	Cap, Rain, 5" EPA	1	
18	46651132	Tube, Exhaust 127 DIA X 250 LG	1	Tandem Frame
	46651719	Tube, Exhaust 5" DIA X 323" LG	1	Wagon Frame
19	35307131	Clamp, 5" OD Tube Seal	3	
20	46664105	Muffler, Exhaust 5" Inlet/Outlet	1	
21	46612740	Clamp, Muffler,	2	
22	36881886	Nut, Hex Flange, M08 - 1.25	4	
23	46651131	Tube, Exhaust 5" SCR Outlet	1	
24	46663048SB	Bracket, NOX Sensor	1	
25	36898104	Nut, Hex, M06 - 1.0	2	
26	35253038	Clamp, Support, 3/8" ID	3	2 Not Shown
27	36898096	Screw, Hex Flange, M06 - 1.0 X 20	2	

Exhaust System, Aftertreatment Support



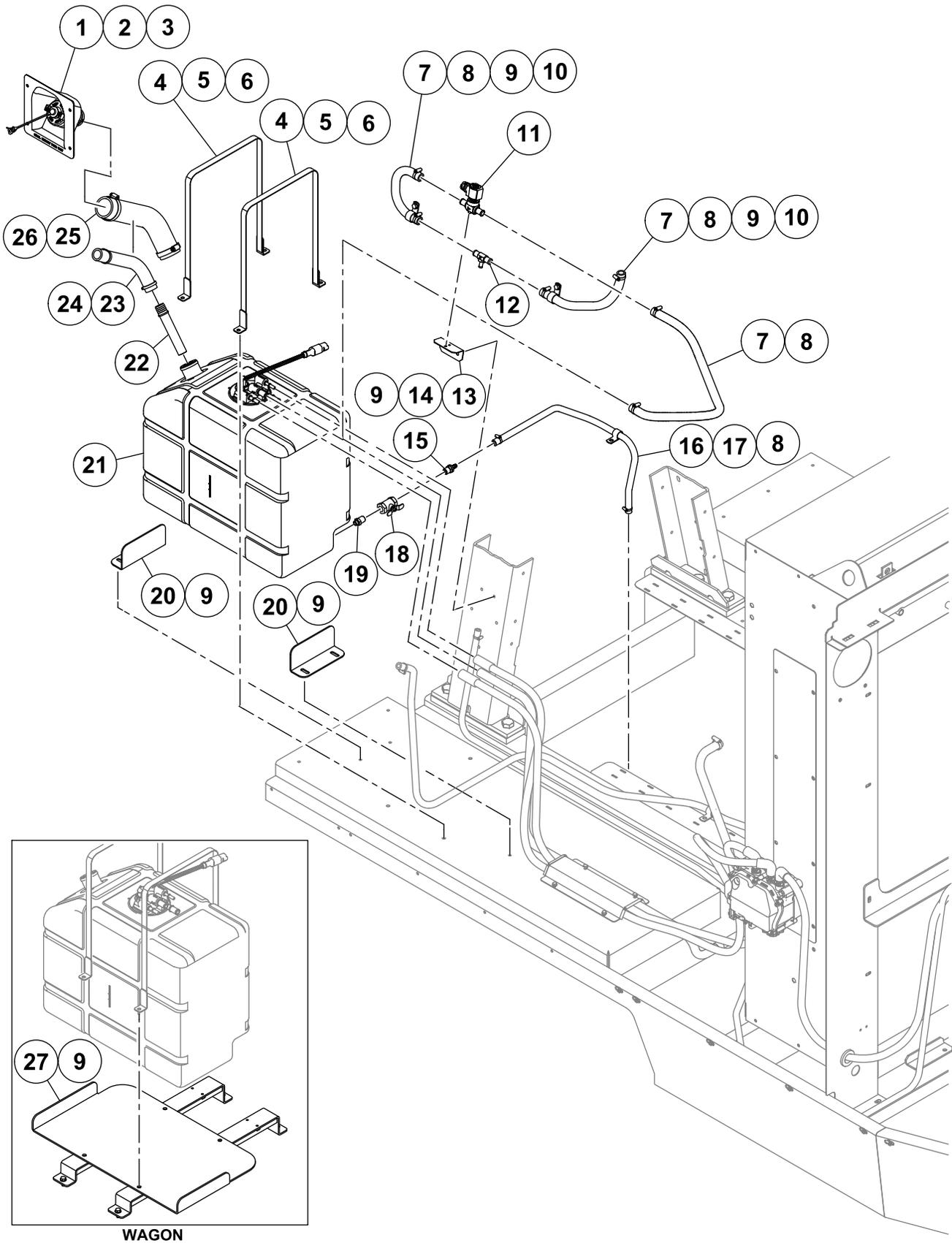
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46649259GA	Step, Rear Exhaust Plenum	1	
2	36889608	Screw, Hex, M08 - 1.25 X 25	21	
3	96704408	Screw, Flange, M08 - 1.25 X 20	3	
4	46651130SA	Angle, DPF Guard, HSRG	1	Tandem Frame
	46651709SA	Angle, DPF Guard, STRG	1	Wagon Frame
5	35279025	Screw, Tapping, M08 - 1.25 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	Tandem Frame
	46651586SB	Support, Aftertreatment, STRG	1	Wagon Frame
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



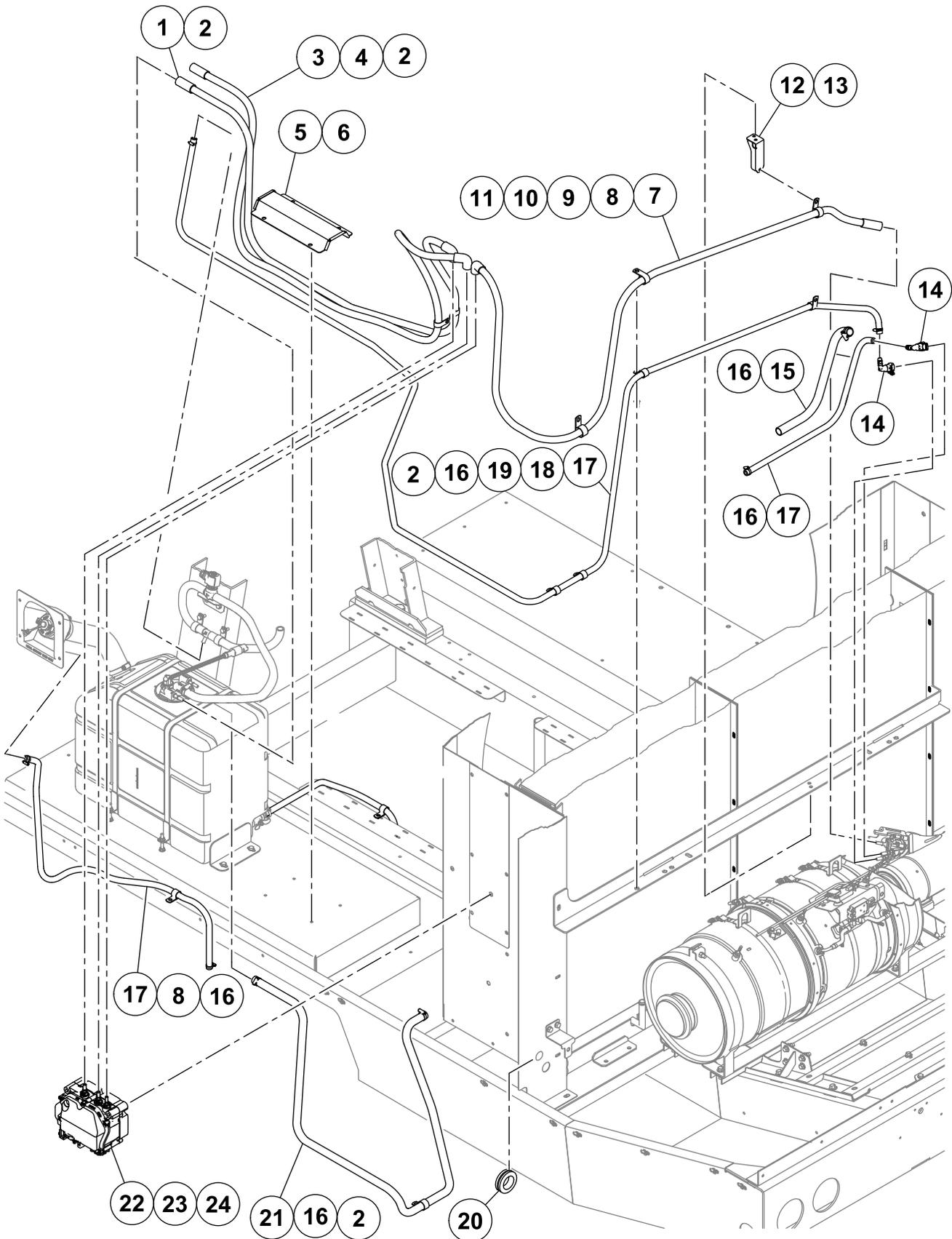
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46645420	Aftertreatment, DPF EI - EO, QSX15, T4F	1	
2	35863638	Clamp, 14"	4	
3	36880995	Screw, Locking, M10 - 1.5 X 30	8	
4	36879195	Nut, Flange, M10 - 1.5	8	
5	46605128	Gasket, Exhaust, Spherical Marmon, 5"	4	
6	46605126	Clamp, Exhaust, Spherical Marmon, 5"	4	
7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



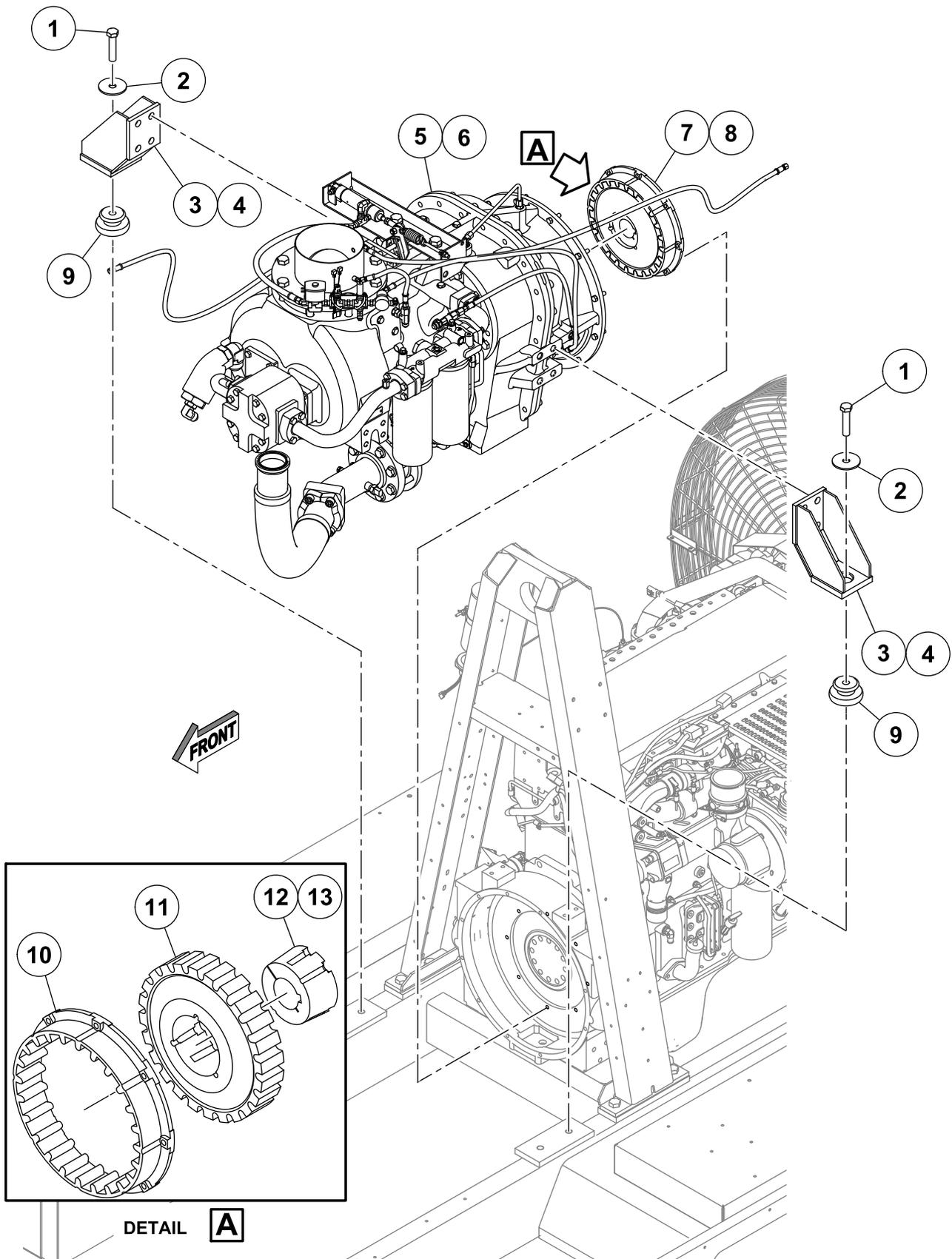
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46651126	Pan, External DEF Fill Spill	1	
2	46651331	Cap, External DEF Fill	1	
3	36797652	Screw, Tapping, M06 - 1.0 X 12	4	
4	46650882SB	Strap, DEF Tank Mounting	2	
5	36881886	Nut, Flange, M08 - 1.25	8	
6	36786382	Screw, Hex, M08 - 1.25 X 70	4	
7	46652351	Hose, Silicone, Coolant, 5/8"	60	Measured in Inches
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	
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	Measured in Inches
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



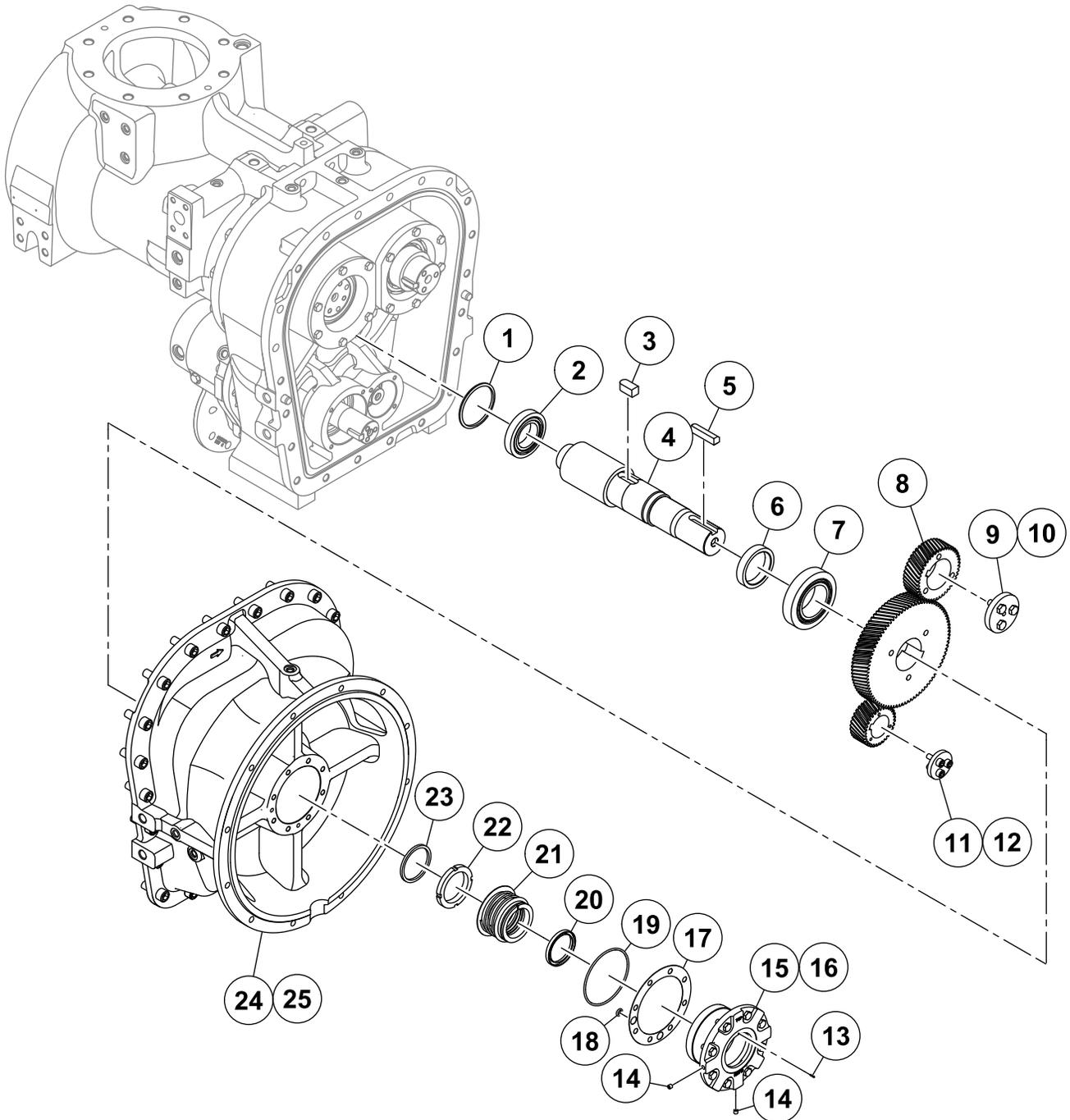
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46651370	Hose Assembly, DEF Suction, Heated, 78 - 3/4" X 90°	1	
2	35114081	Clamp, Rubber Coated, Support, 13/16" ID	5	
3	46651371	Hose Assembly, DEF Return, Heated, 78 - 3/4" X 90°	1	
4	35144336	Screw, Hex, Flange, 5/16" - 18 X 3/4"	1	
5	46651716SB	Cover, DEF Hoses	1	Tandem Frame Only
6	36797652	Screw, Tapping, M06 - 1.0 X 12	4	Tandem Frame Only
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	
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	Measured in Inches
16	46641379	Clamp, Hose Constant Tension, #10	10	
17	46652350	Hose, Silicone Coolant, 3/8" ID	174	Measured in Inches
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	
21	46652351	Hose, Silicone Coolant, 5/8" ID	86	Measured in Inches
22	46643141	Module, Doser Fluid Supply	1	
23	96721154	Screw, Hex, M08 - 1.25 X 90	3	
24	46652904	Filter, DEF, Pump	1	

Airend, HR350, Installation



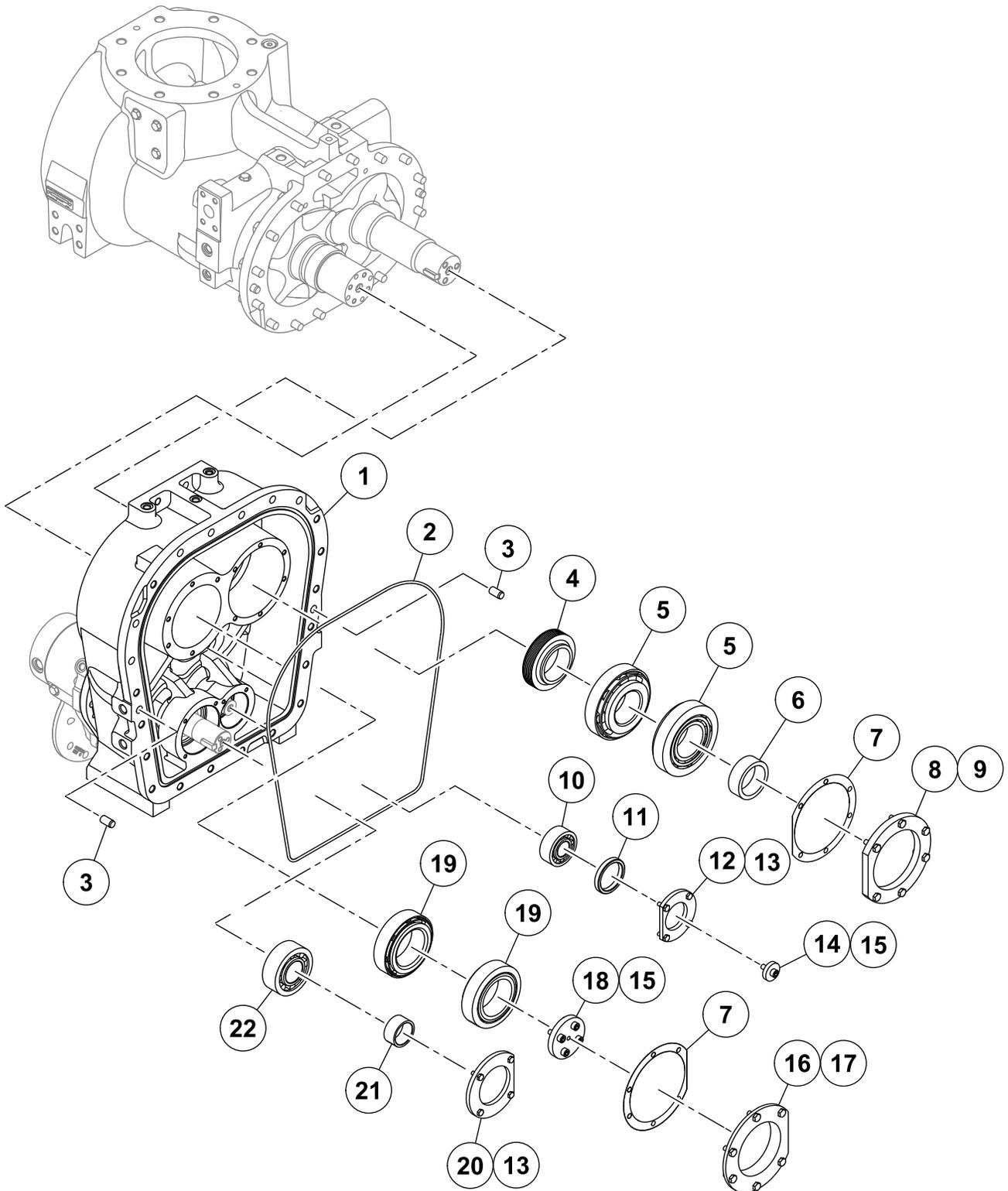
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	96700919	Screw, Hex, M20 - 2.5 X 90	2	
2	35273937	Washer, Snubber	2	
3	54613369	Bracket, Airend Support	2	
4	35375856	Screw, Hex, M20 - 2.5 X 35	8	
5	46667040	Airend, HR350, RA11	1	
6	95934626	Screw, Hex, 7/16" - 14 X 1-1/2"	12	
7	46587479	Coupling Assembly, Drive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

Airend, HR350, Gear Case



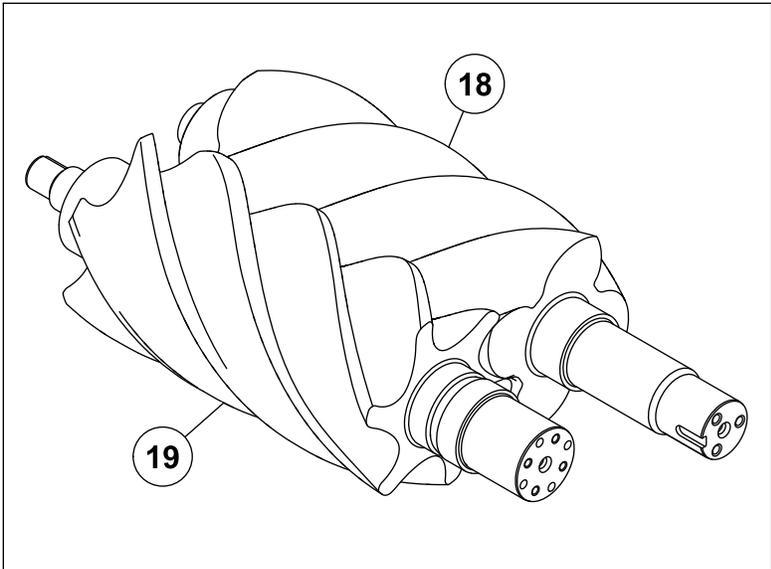
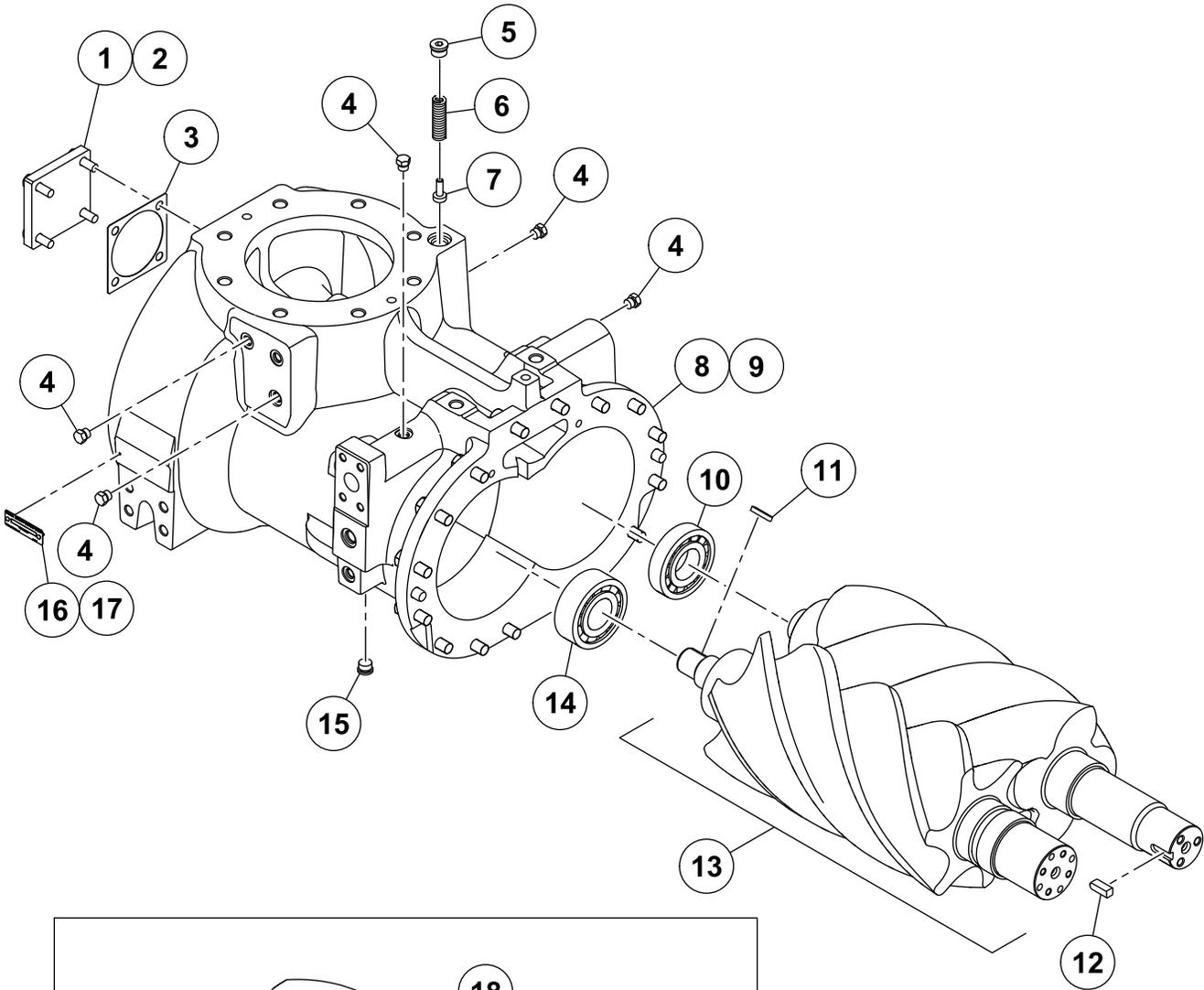
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46548301	Spacer, Bearing Input	1	
2	46619275	Bearing, TRB 55 X 100 X23	1	
3	46619270	Key, 19 X 19 X 40	1	
4	46548236	Shaft, Input, HR350	1	
5	46619272	Key, 16 X 16 X 70	1	
6	46548269	Spacer, Gear, Input	1	
7	46619274	Bearing, TRB, 71.438 X 127 X 36.512	1	
8	46619281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

Airend, HR350, Interstage Bearings and Caps



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

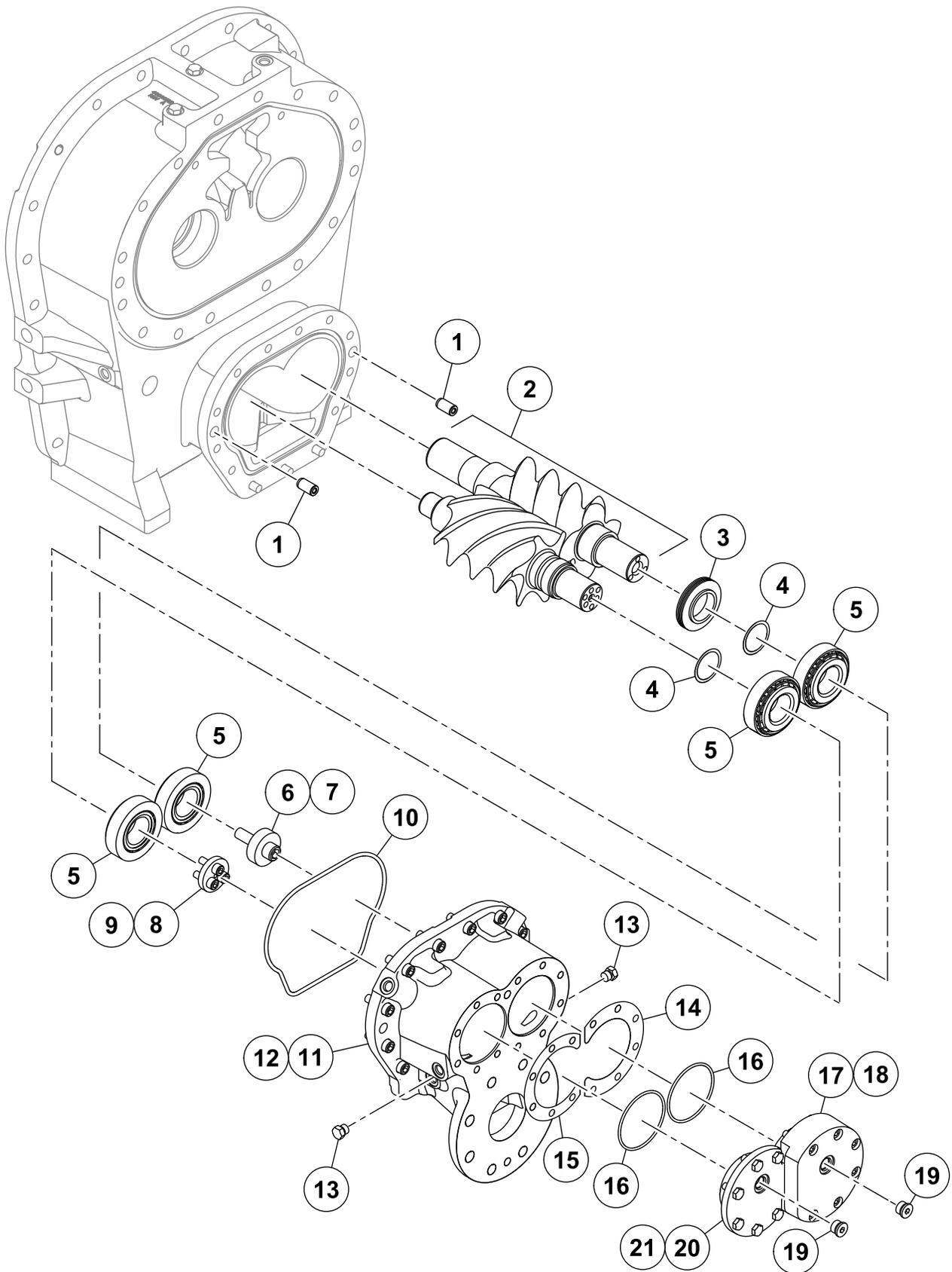
Airend, HR350, 1st Stage Rotors



DETAIL 1

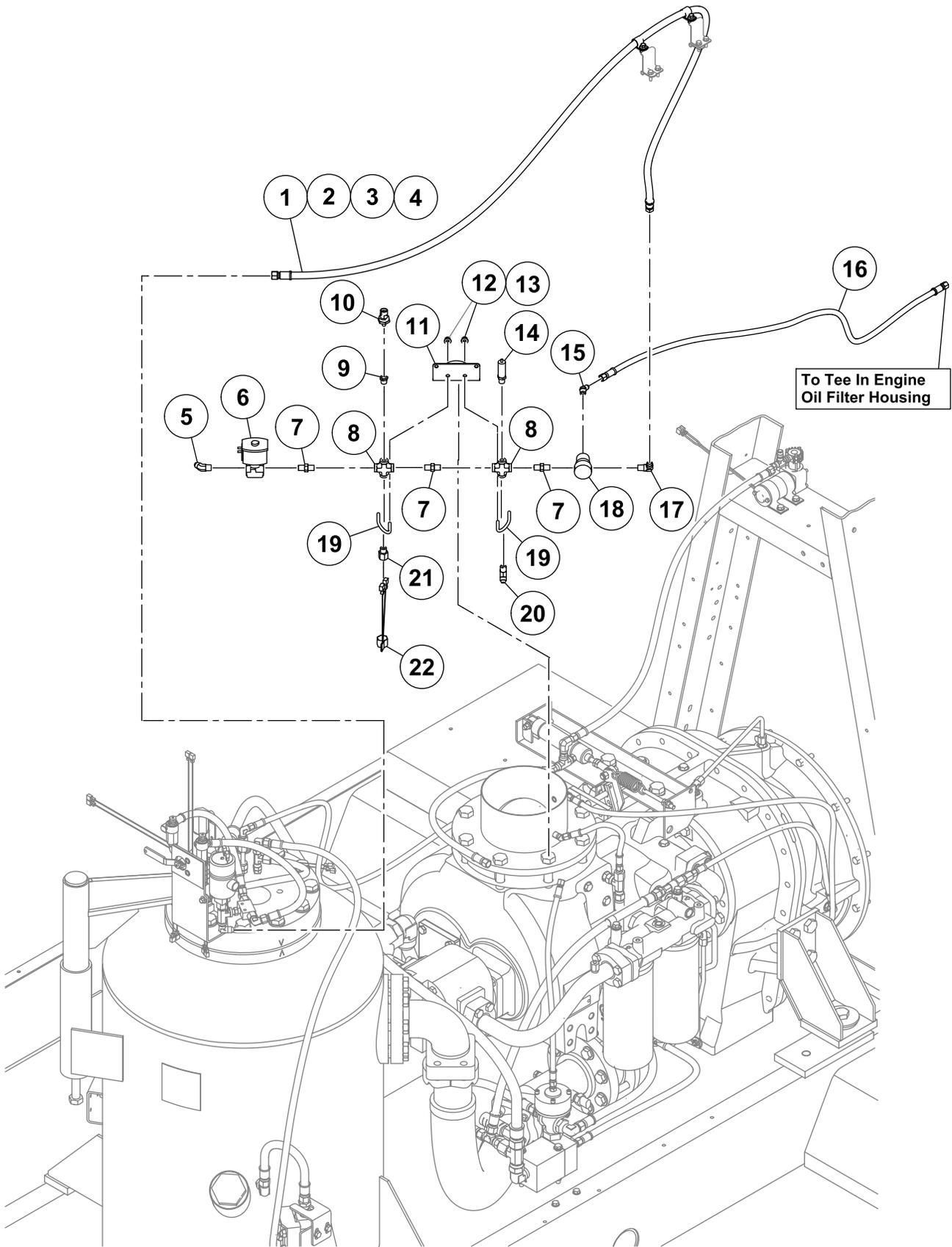
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46548418	Cover, Bearing, HR350	1	
2	96706080	Screw, Hex, M12 -1.75 X 40	4	
3	46619407	Gasket, Bearing Cover, HR350	1	
4	95938205	Plug, Hex, 9/16" -18 UNF SAE, O-Ring	5	
5	36861557	Plug, Hex, Socket, 7/8" -14 UNF SAE, O-Ring	1	
6	46620821	Spring, Bypass Valve	1	
7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

Airend, HR350, 2nd Stage Rotors



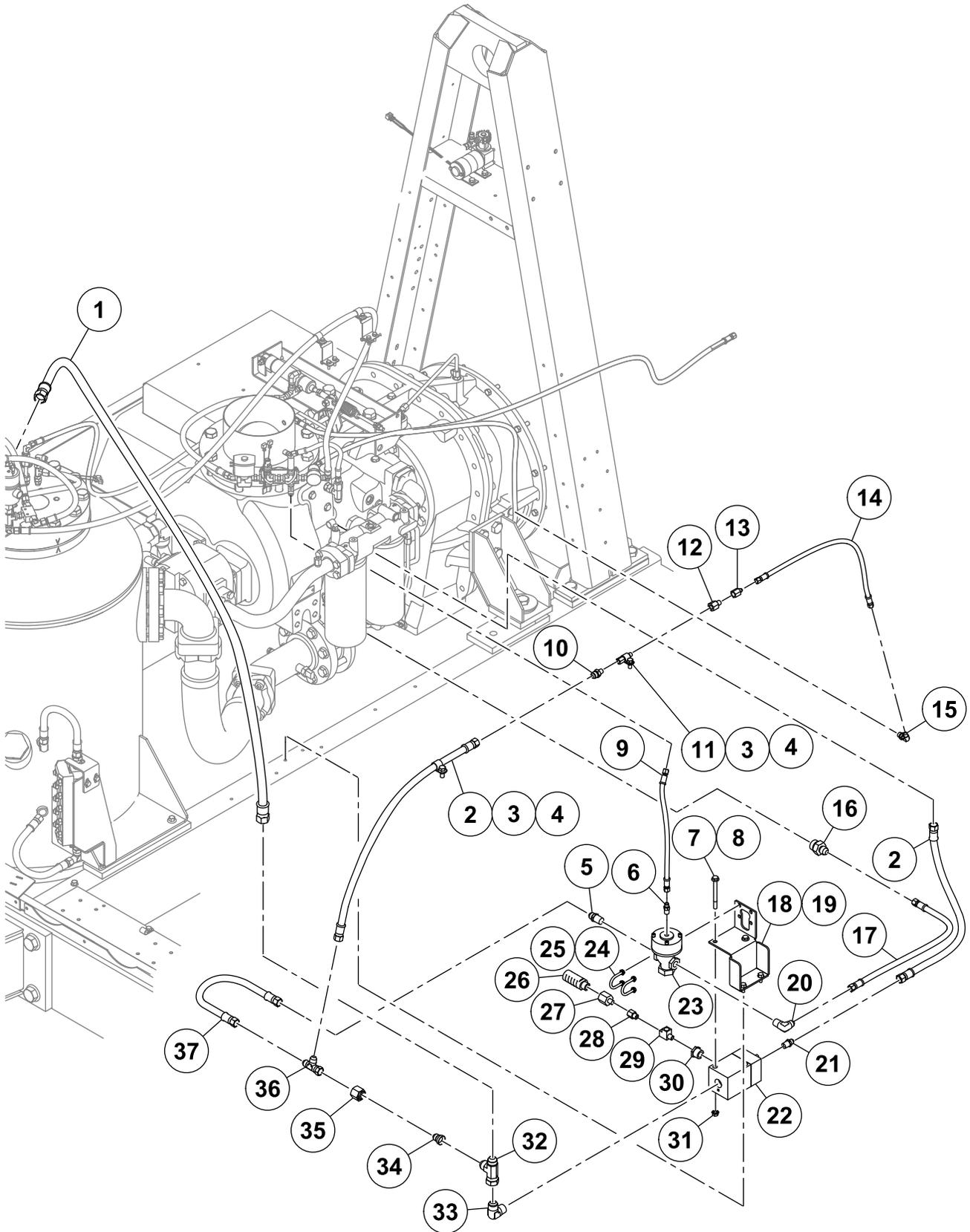
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46618986	Pin, Dowel 16 MM Dia. X 32 MM	2	
2	46609165	Rotor Set, 2nd Stage, HR350	1	
3	46548384	Piston, Thrust, MR2	1	
4	46619405	Shim Set, 44.6 X 54	2	
5	46619278	Bearing, TRB, 44.5 X 95.2 X 31 (HM903210/HM903249)	4	
6	46548392	Retainer, Bearing, Male, 2nd Stage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

Airend, HR350, Regulation



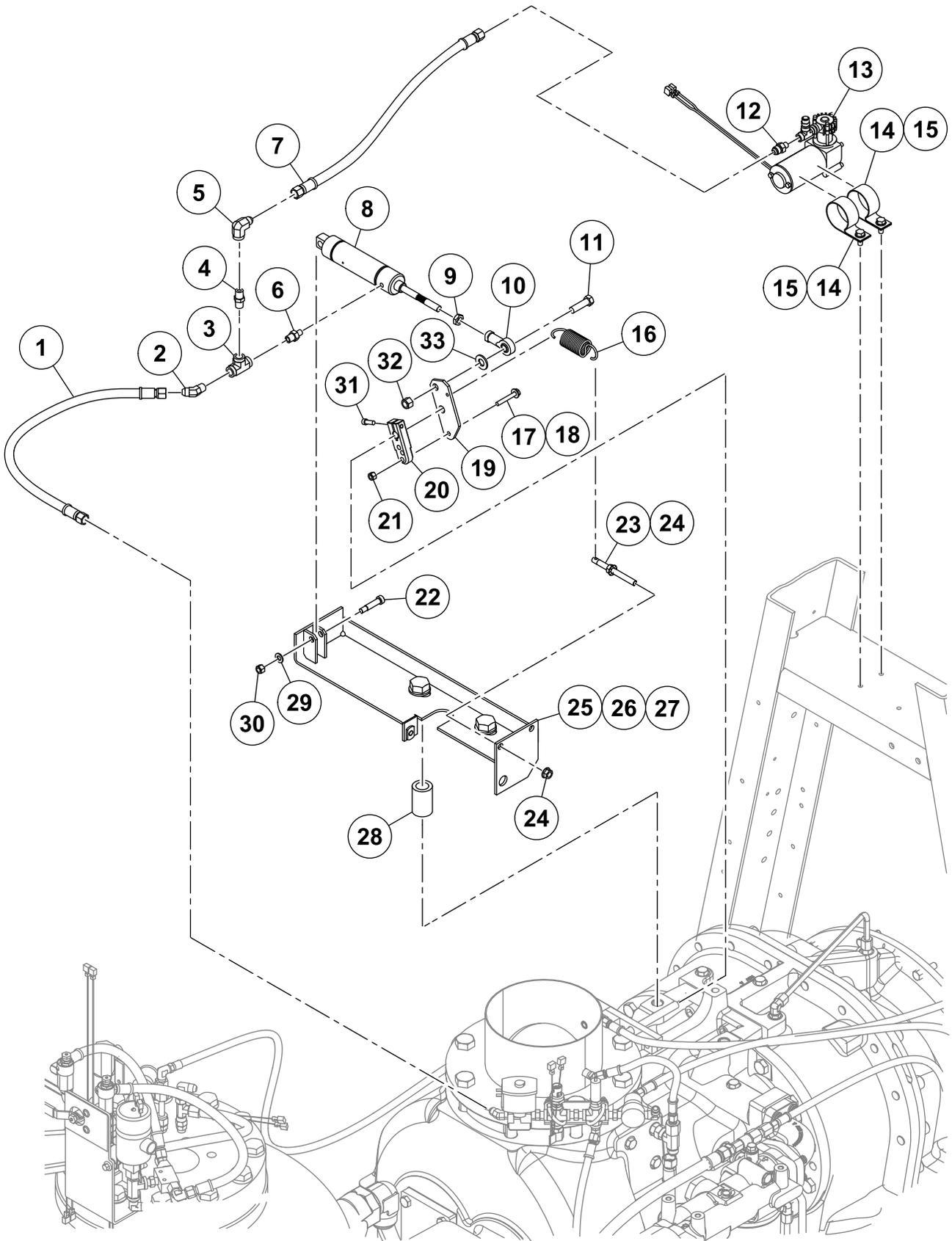
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46636459	Hose, -6 JIC X 94"	1	
2	35225077	Clamp, Support, 11/16" ID Rubber Coated	2	
3	96704408	Screw, Hex Flange, M08 - 1.25 X 20	2	
4	36881886	Nut, Hex, M08 - 1.25	2	
5	46548020	Elbow, 45° -6 JIC X 1/4" FNPT	1	
6	36842318	Valve, Solenoid, 24V 1/4" NPT	1	
7	95475604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

Airend, HR350, Anti-Rumble Piping



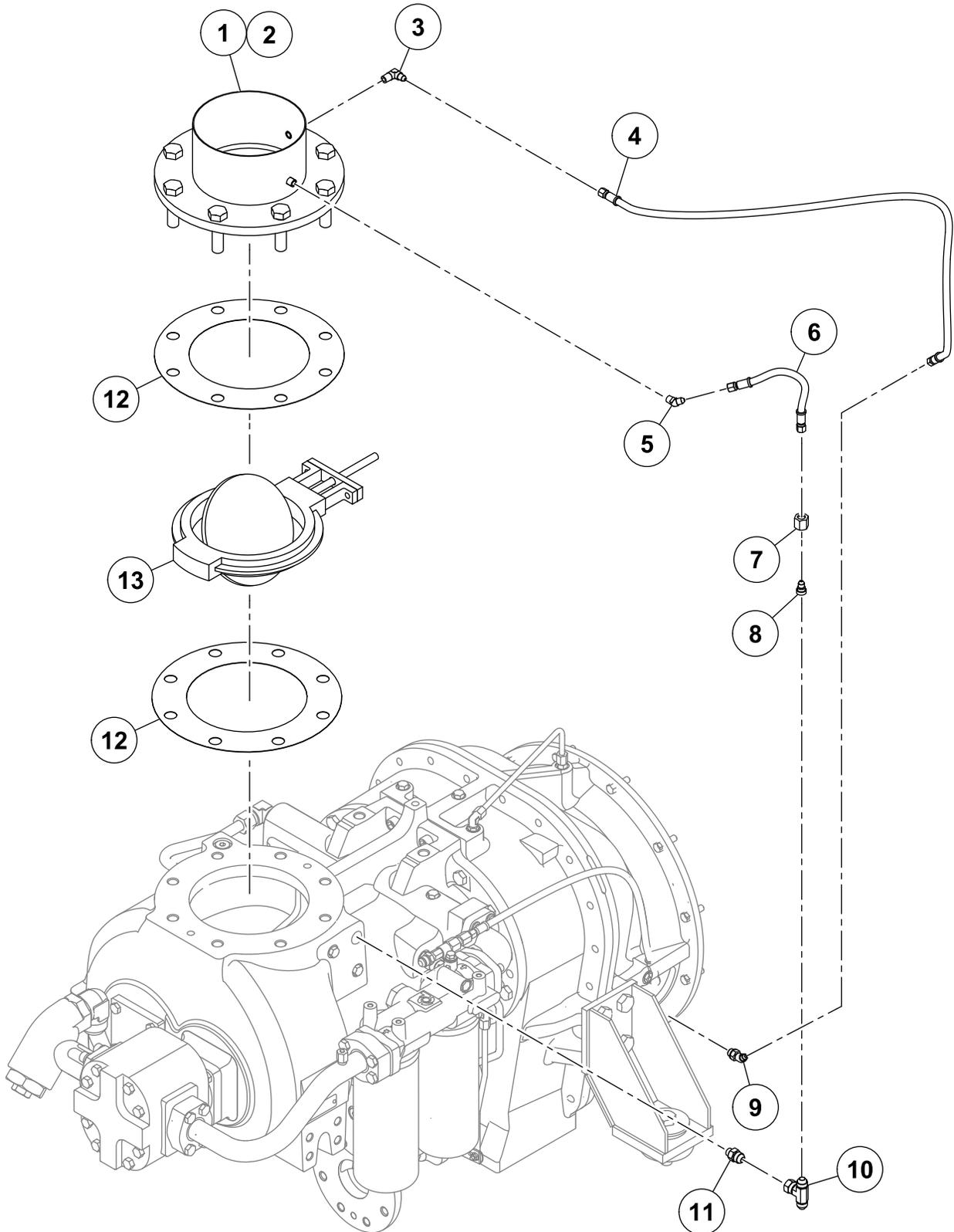
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35376110	Hose, -12 JIC X 54"	1	
2	35298512	Hose, -8 JIC X 30"	2	
3	35225077	Clamp, Support, 11/16" Rubber Coated	2	
4	35252493	Screw, ,Hex, Serrated, 3/8" -16 UNC X 3/4"	2	
5	35286426	Adapter, -1/2" NPT X -8 JIC	1	
6	35283472	Connector, -4 JIC X 1/4" NPT	1	
7	95934618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

Airend, HR350, Air Cylinder and 24 VDC Compressor



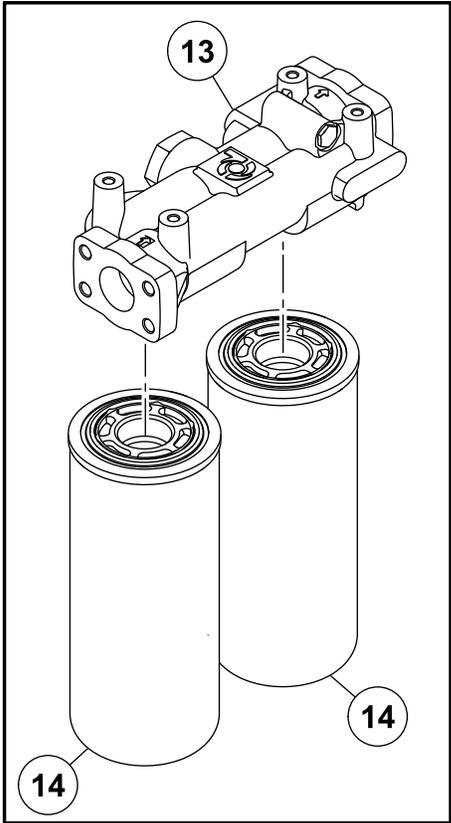
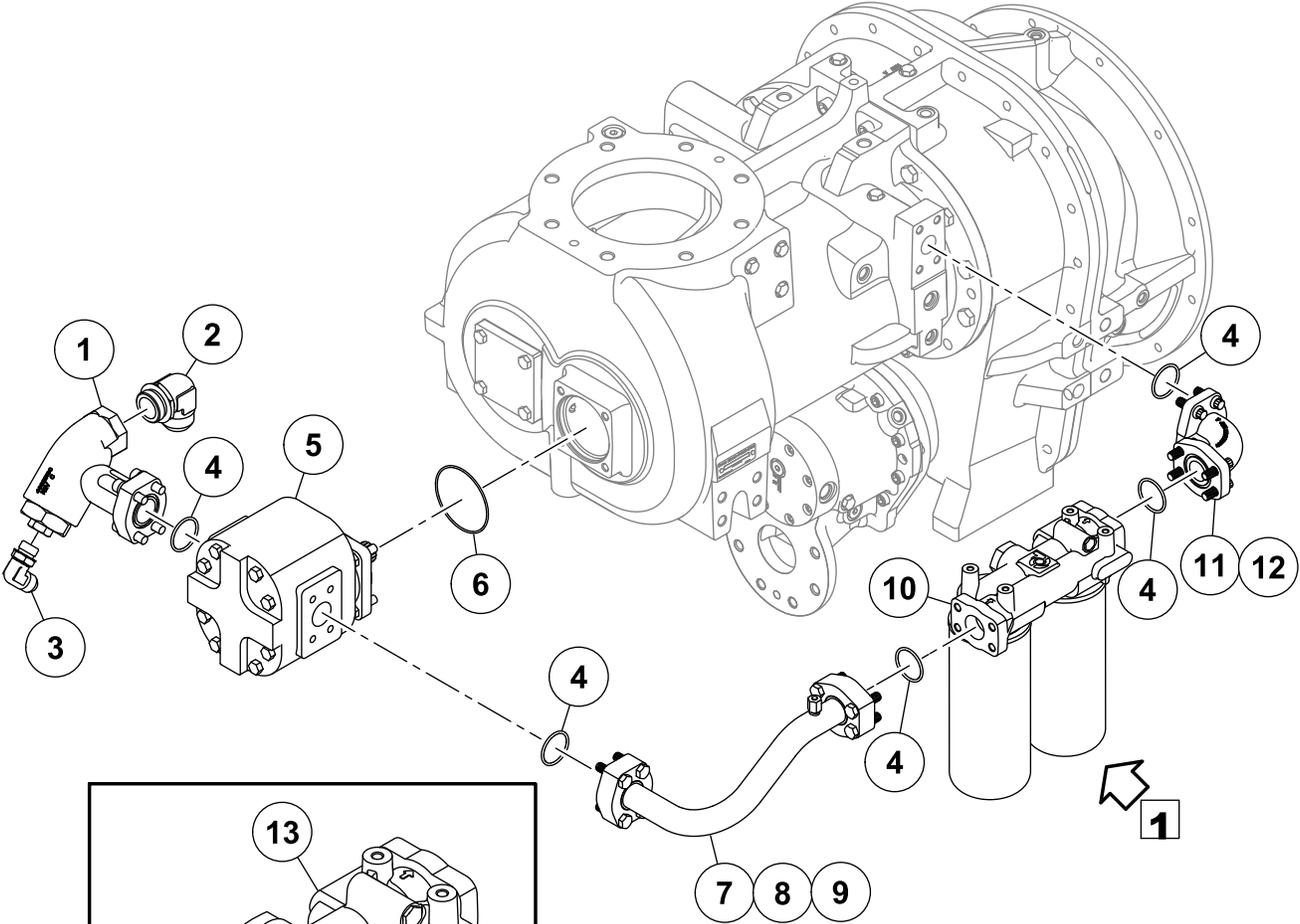
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46632079	Hose, -6 JIC X 26"	1	
2	46548020	Elbow, 45° -6 JIC X 1/4" FNPT	1	
3	46547824	Tee, 1/4" NPT X 1/4" NPT X 1/4" NPT Female	1	
4	35248145	Connector, 1/4" NPTF Ball Check Valve	1	
5	35280098	Elbow, 90° 1/4" FNPT X -6 JIC	1	
6	95910048	Nipple, Hex, 1/4" NPT X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

Airend, HR350, Intake Valve Assembly



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

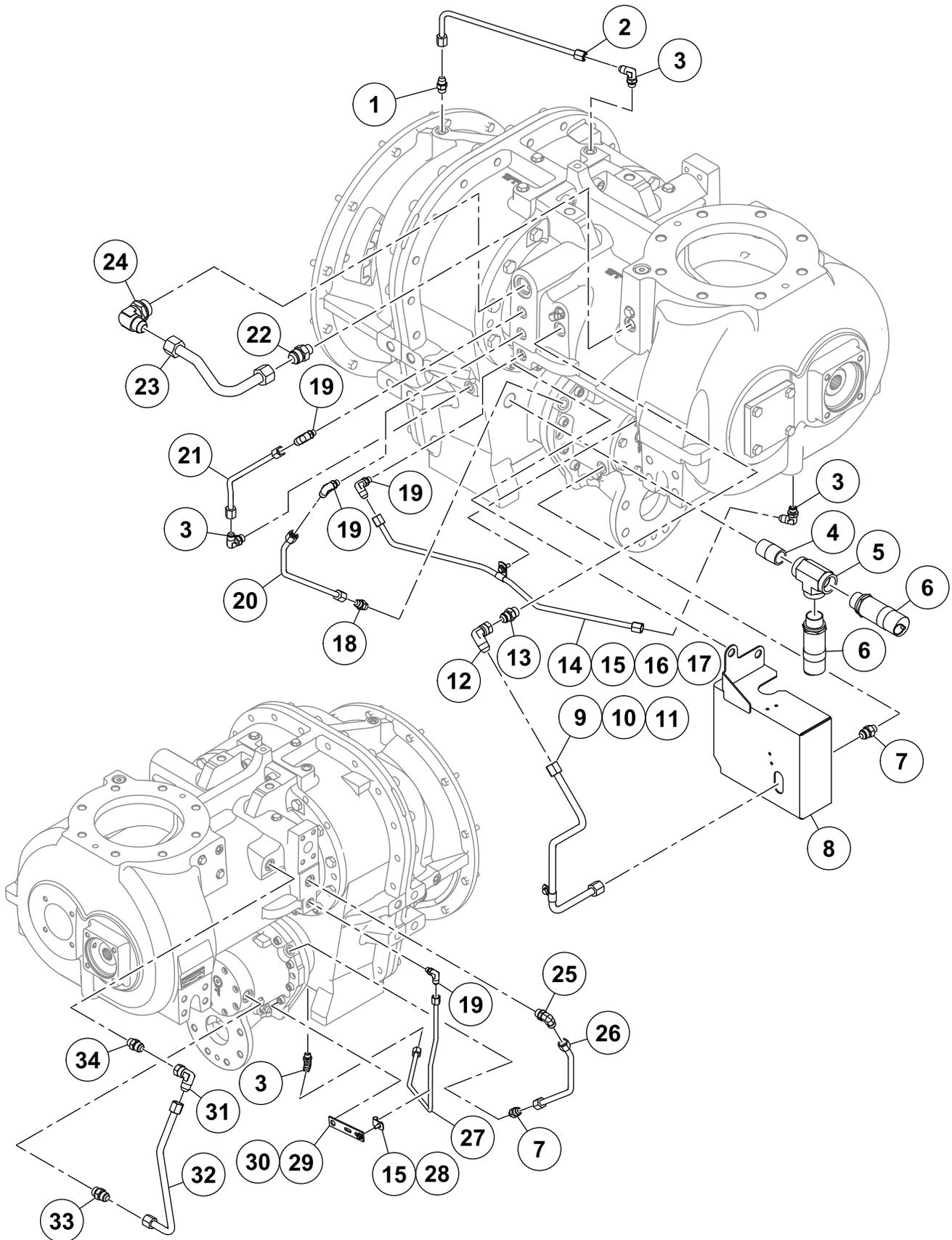
Airend, HR350, Oil Pump And Filters



DETAIL 1

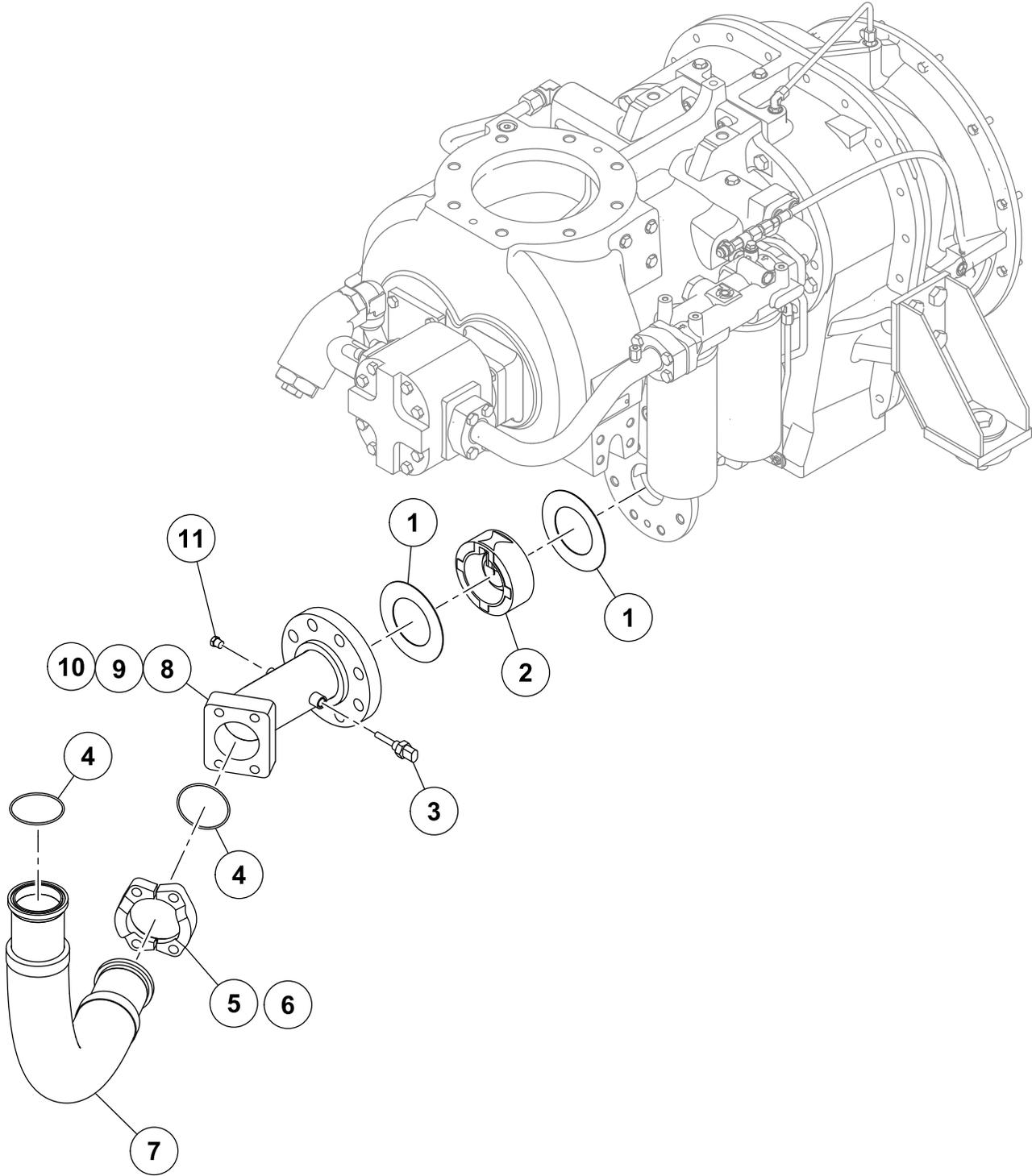
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46627982	Strainer Assembly, HR350	1	
2	95431292	Elbow, 90° -24 JIC X 1-7/8" -12 UNF SAE, O-Ring	1	
3	35294750	Elbow, 90° -12 JIC X 1-1/16" -12 UNF SAE, O-Ring	1	
4	95987970	O-Ring, 1-7/8" ID X 1/8", Viton -225 Standard	5	
5	46619418	Pump, Oil, HR350	1	
6	95000410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

Airend, HR350, Tubes And Fittings



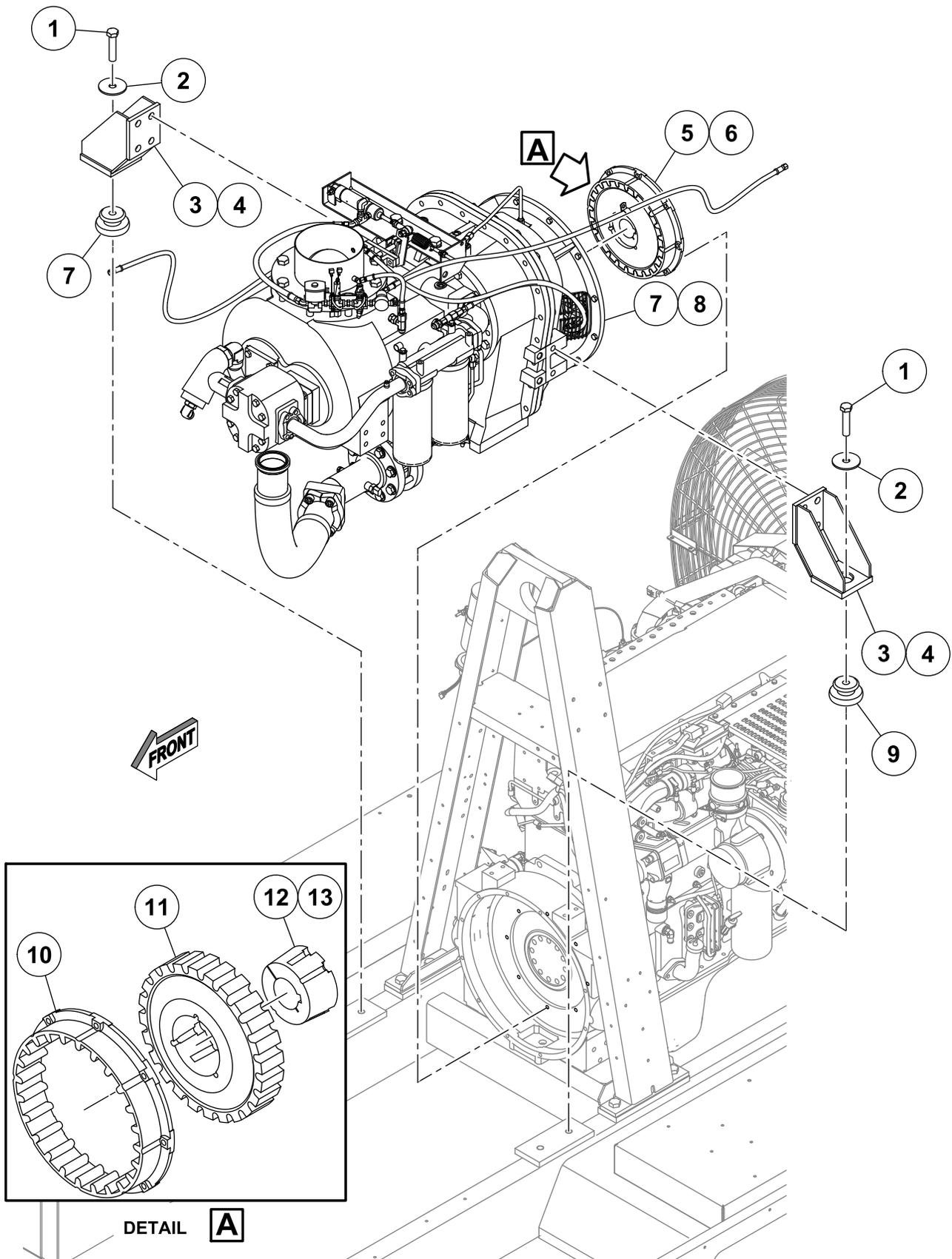
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	95365078	Connector, -6 JIC X 9/16" -18 UNF SAE w/O-Ring	1	
2	46622776	Tube, Seal	1	
3	35581909	Elbow, -6 JIC X 9/16" -18 UNF W/Orifice Insert	4	
4	95951422	Nipple, 1" NPT X 2"	1	
5	95953428	Tee, 1" NPTF X 1" NPTF X 1" NPTF, 300 lb.	1	
6	39588041	Valve, Pressure Relief,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

Airend, HR350, Discharge Piping



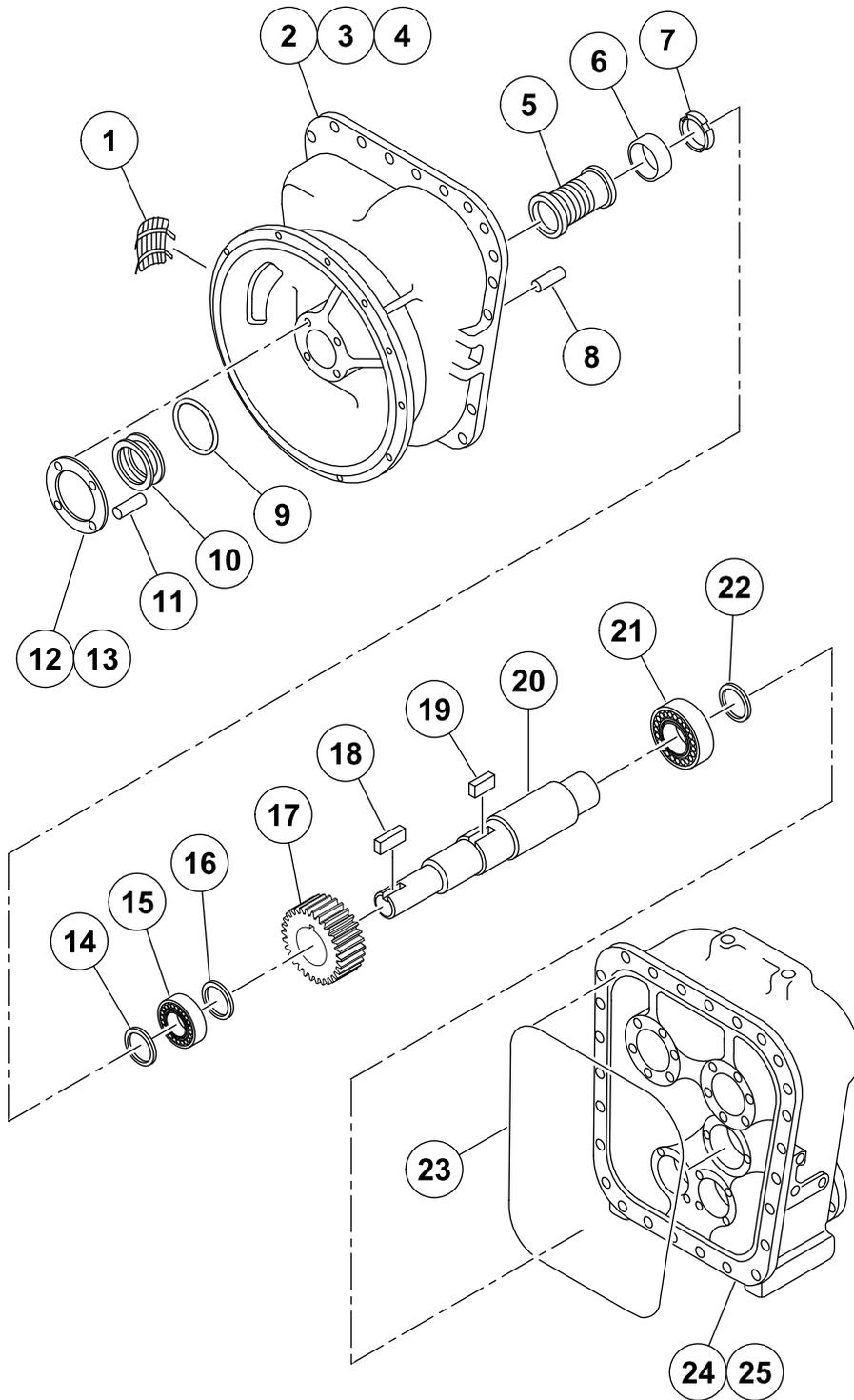
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	95225116	Gasket, Ring	2	
2	36843720	Valve, Check, 3" Wafer	1	
	22226922	Valve, Check, 3" Wafer, PED	1	
3	23294820	Sensor, Temperature, 3/8" NPT	1	
4	95358040	O-Ring, Std-237 3/8" ID X 1/8" WD	2	
5	95016283	Flange, Adapter 3"	2	
6	95013728	Screw, Cap Hex Socket Head,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

Airend, HR2.5, Installation



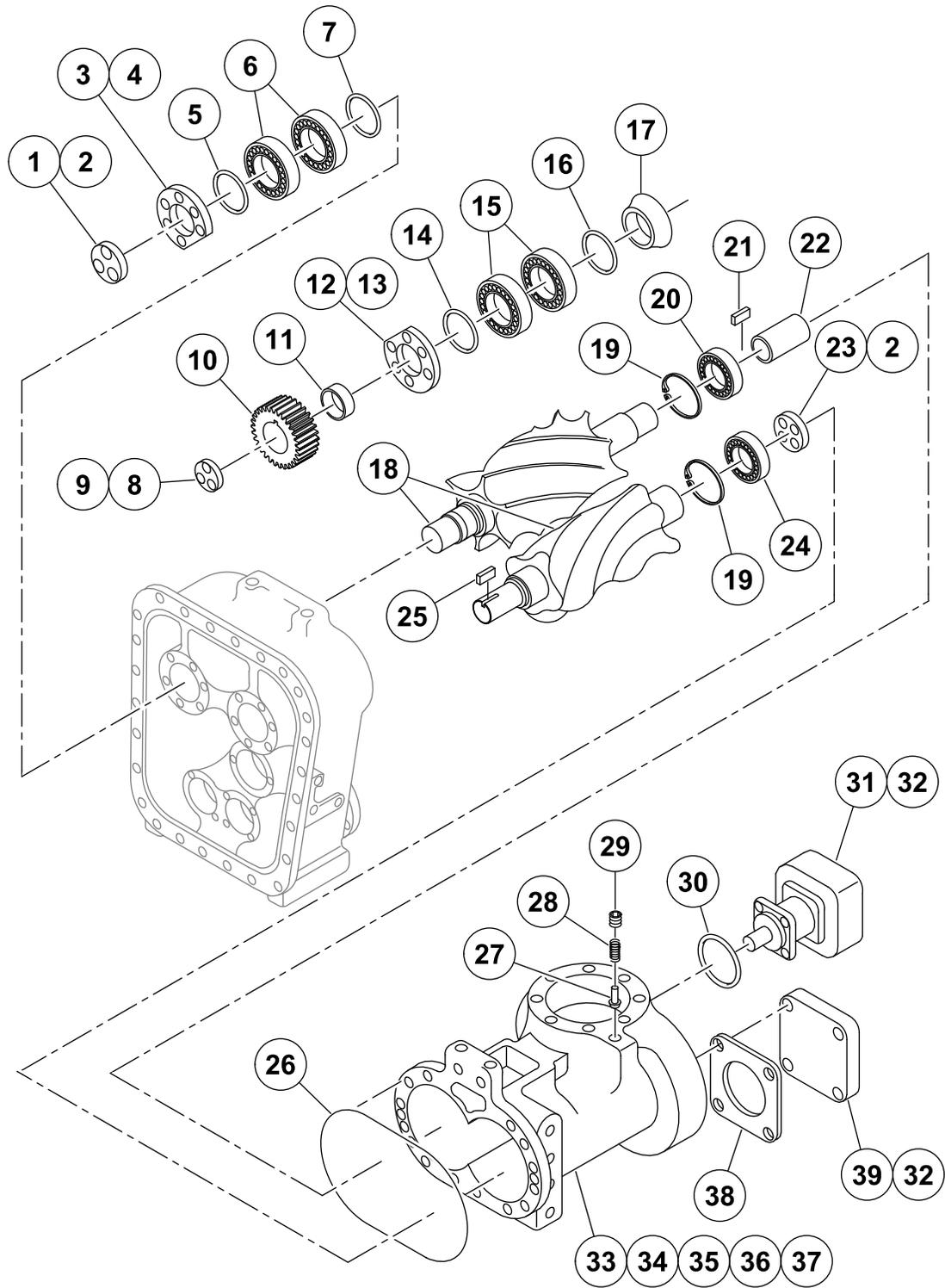
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	96700919	Screw, Hex, M20 - 2.5 X 90	2	
2	35273937	Washer, Snubber	2	
3	54613369	Bracket, Airend Support	2	
4	35375856	Screw, Hex, M20 - 2.5 X 35	8	
5	46587479	Coupling Assembly, Drive AC	1	
6	36881704	Screw, Hex, 3/8" - 16 X 1-1/4"	8	
7	54637905	Airend, XHP 1170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

Airend, HR2.5, Gear Case



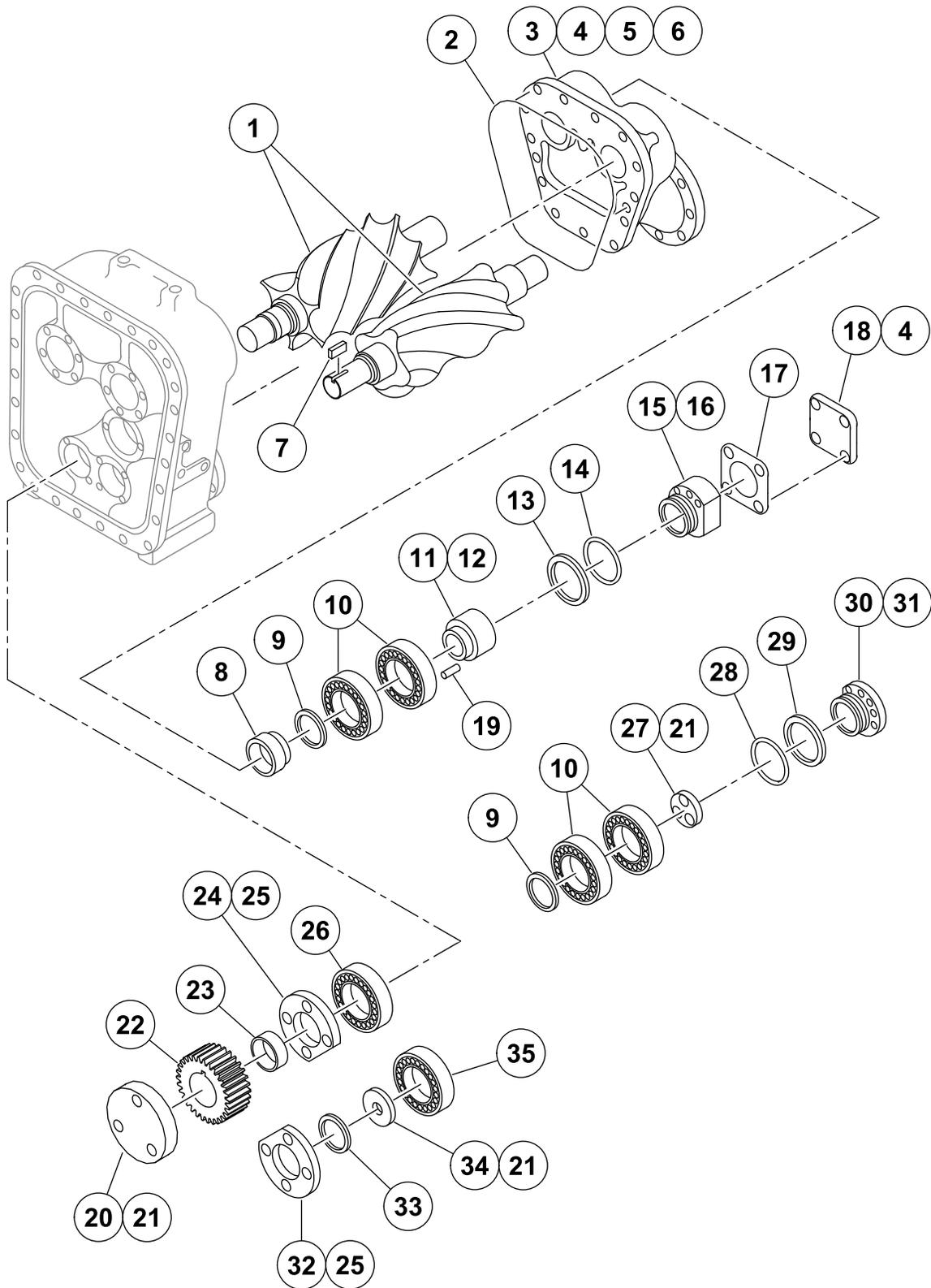
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36798205	Guard, Wire	2	
2	36793750	Case, Gear	1	
3	35272541	Screw, Hex		
4	96706262	Screw, Hex, M16 - 2.0 X 45		
5	39929351	Seal, Oil	1	
6	36795128	Spacer	1	
7	36795169	Nut, Lock	1	
8	35336122	Dowel	1	
9	35355536	O-Ring	1	
10	36795151	Set, Shim	1	
11	95650529	Pin,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

Airend, HR2.5, Upper Rear Bearings and Caps



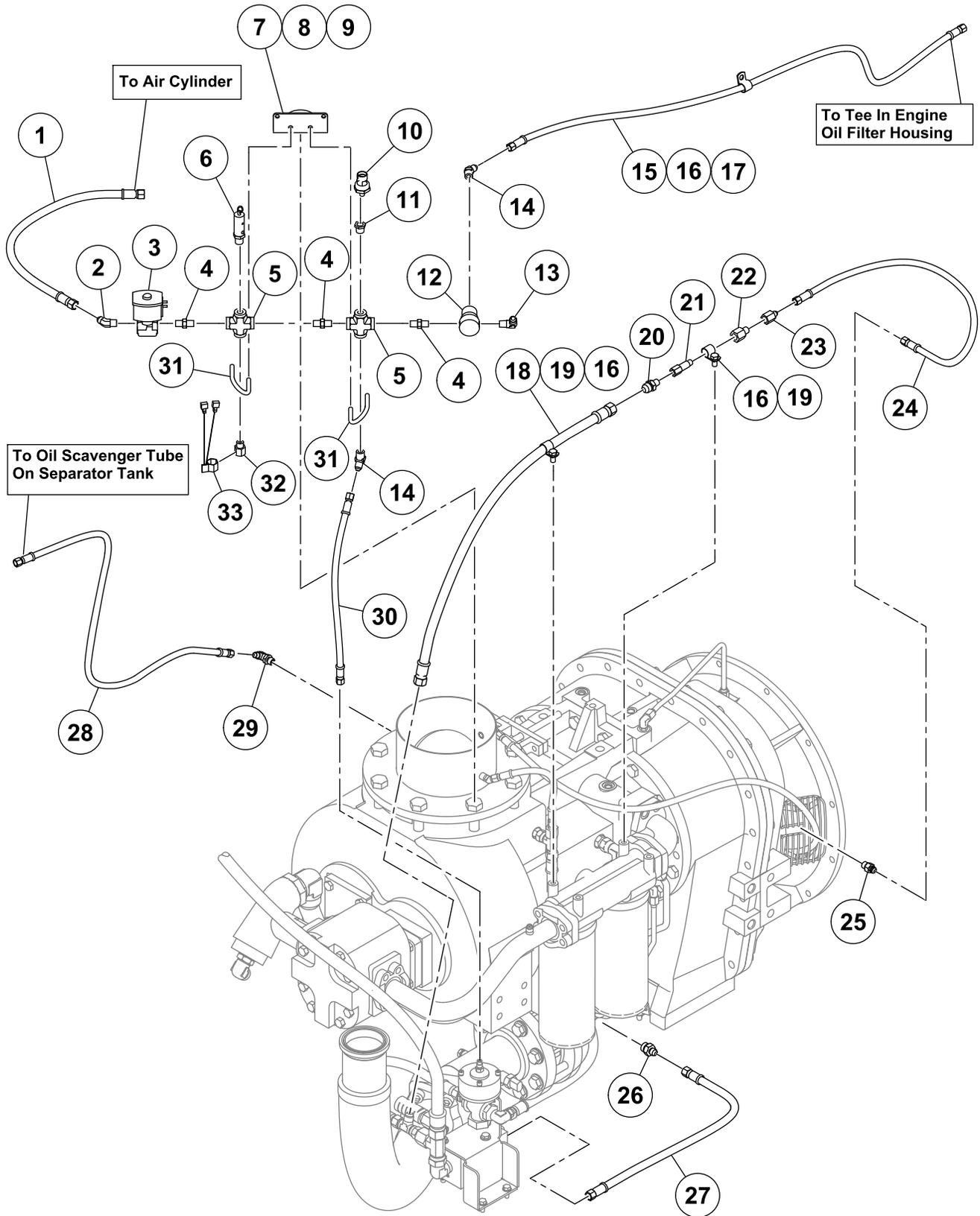
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36508414	Plate, Retaining	1	
2	35311463	Screw, Hex	7	
3	35856418	Plate, Retaining	1	
4	96716139	Screw, Hex	6	
5	35355767	Shim, Set	1	
6	35600105	Bearing	2	
7	35355833	Shim, Set	1	
8	35355858	Plate, Clamp	1	
9	96712187	Screw, Hex	3	
10	54637897	Gear Set, 1170cfm @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

Airend, HR2.5, Lower Rear Bearings and Caps



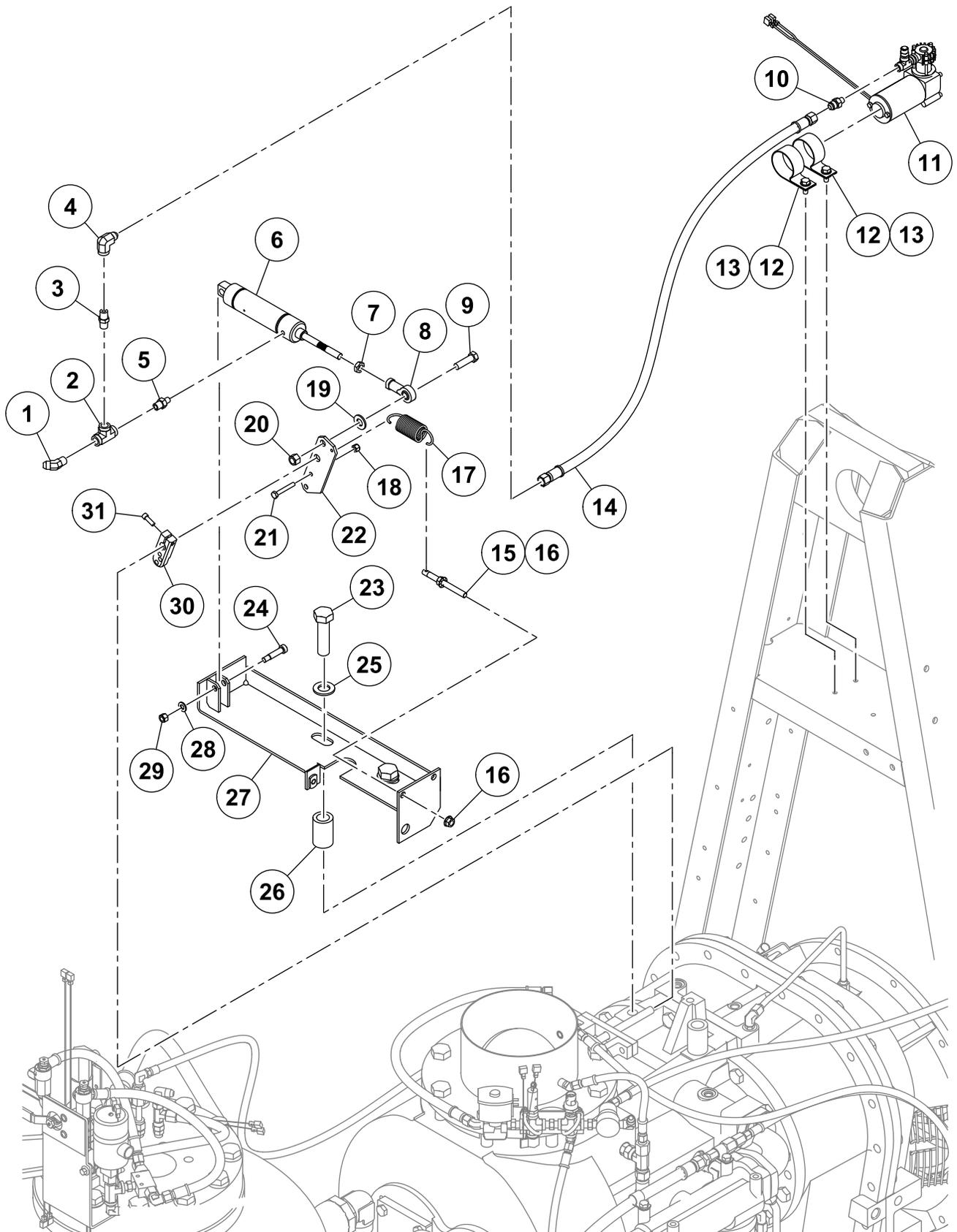
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36006732	Rotor Set, 2nd Stage	1	
2	35355791	O-Ring	1	
3	36738128	Housing, Rear Bearing	1	
4	96712179	Screw, Hex	16	
5	35336122	Dowel	1	
6	35336130	Dowel	1	
7	35355817	Key	1	
8	35355940	Piston, Thrust	1	
9	35355874	Shim, Set	2	
10	35600113	Bearing, Tapered Roller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

Airend, HR2.5, Piping



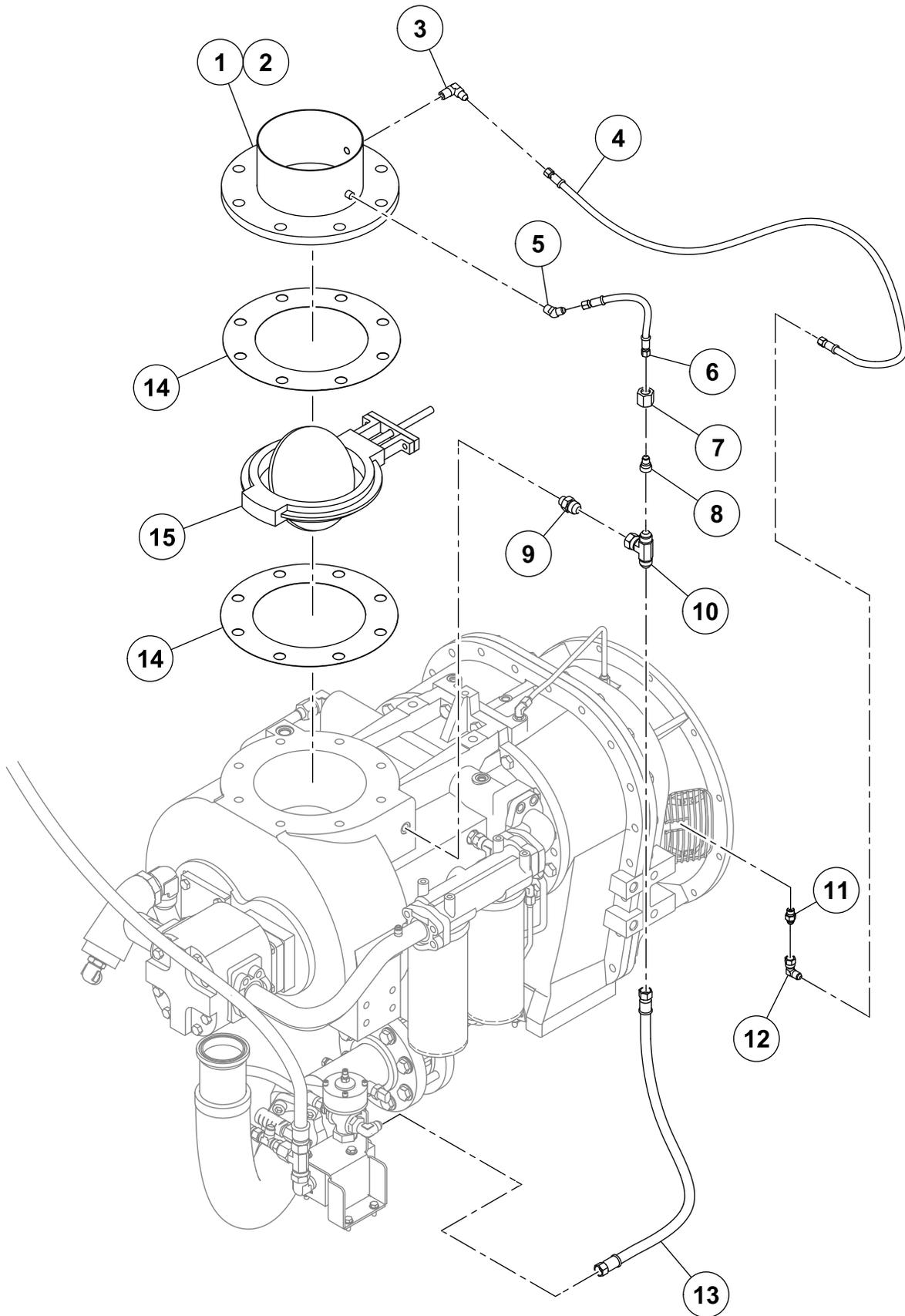
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46632079	Hose, -6 JIC X 26"	1	
2	46548020	Elbow, 45° -6 JIC X 1/4" FNPT	1	
3	36842318	Valve, Solenoid, 24V 1/4" NPT	1	
4	95475604	Nipple, 1/4" NPT X 1/4" NPT	3	
5	46547790	Cross, 1/4" FNPT	2	
6	22225205	Valve, Safety, 1/4" NPT	1	
7	46652453SA	Bracket, Cross Mount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

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



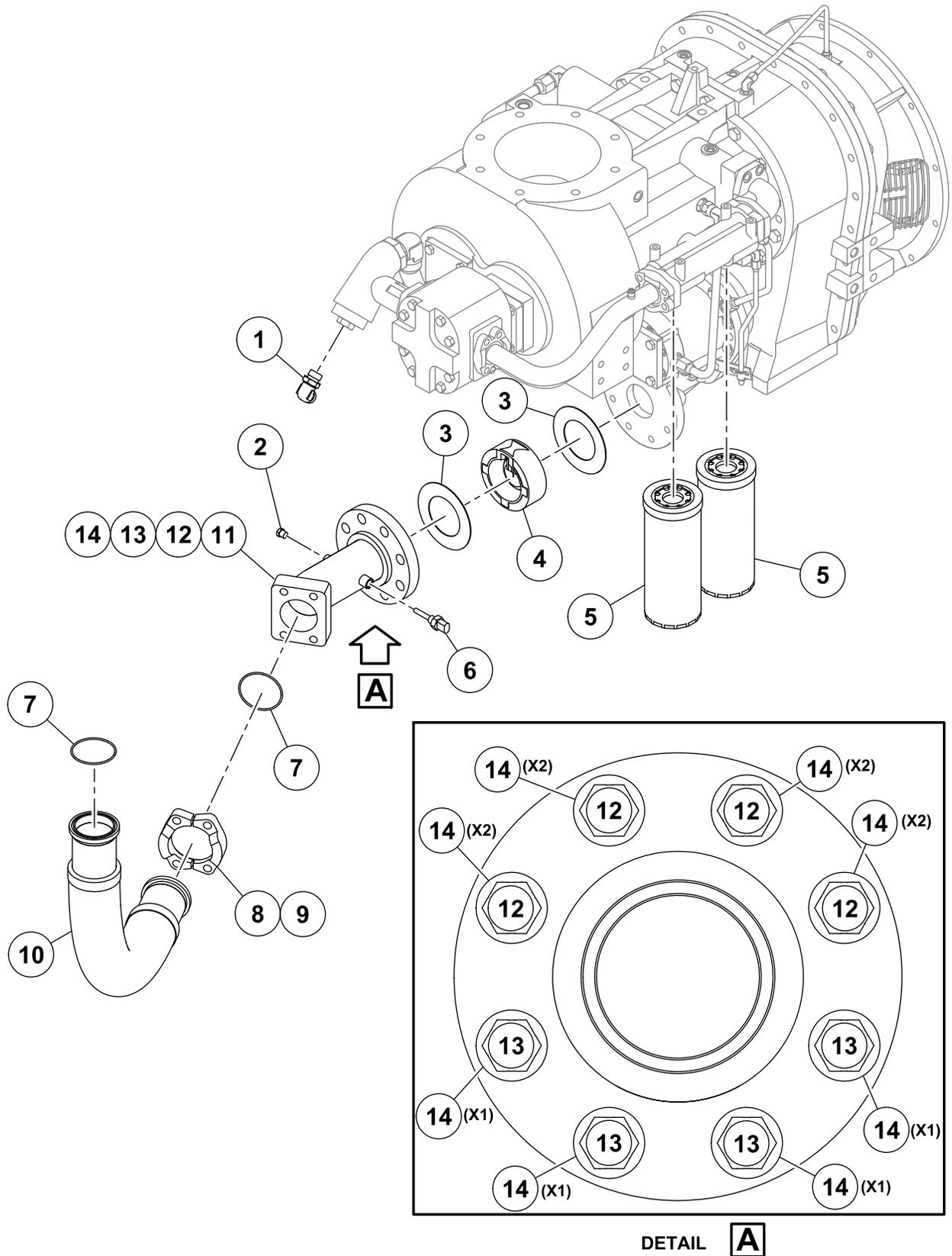
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46548020	Elbow, 45° -6 JIC X 1/4" FNPT	1	
2	46547824	Tee, 1/4" NPT X 1/4" NPT X 1/4" NPT Female	1	
3	35248145	Connector, 1/4" NPTF Ball Check Valve	1	
4	35280098	Elbow, 90° 1/4" FNPT X -6 JIC	1	
5	95910048	Screw, Hex, M08 -1.25 X 20	1	
6	35584689	Cylinder, Air	1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

Airend, HR2.5, Intake Valve Assembly



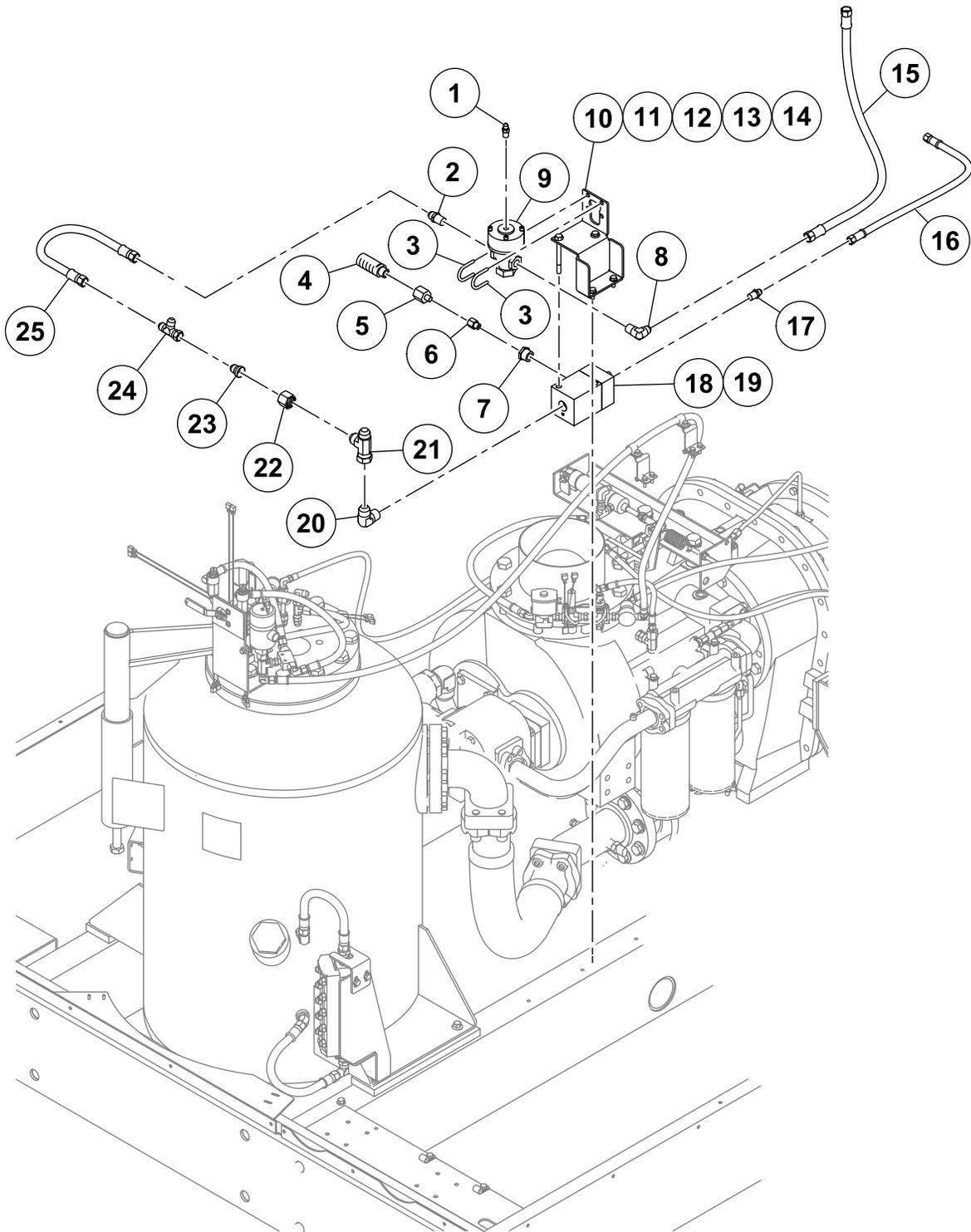
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36884997	Flange, Intake	1	
2	35375963	Screw, Hex, M20 - 2.5 X 75	8	
3	46547980	Elbow, 90° -4 JIC X 1/4" NPT	1	
4	35283498	Hose, -4 JIC X 51"	1	
5	46604159	Elbow, 45° -4 JIC X 1/4" NPT	1	
6	35310960	Hose, -4 JIC X 10"	1	
7	35296219	Nut, Tube, -8 JIC	1	
8	35299734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

Airend, HR2.5, Discharge Piping



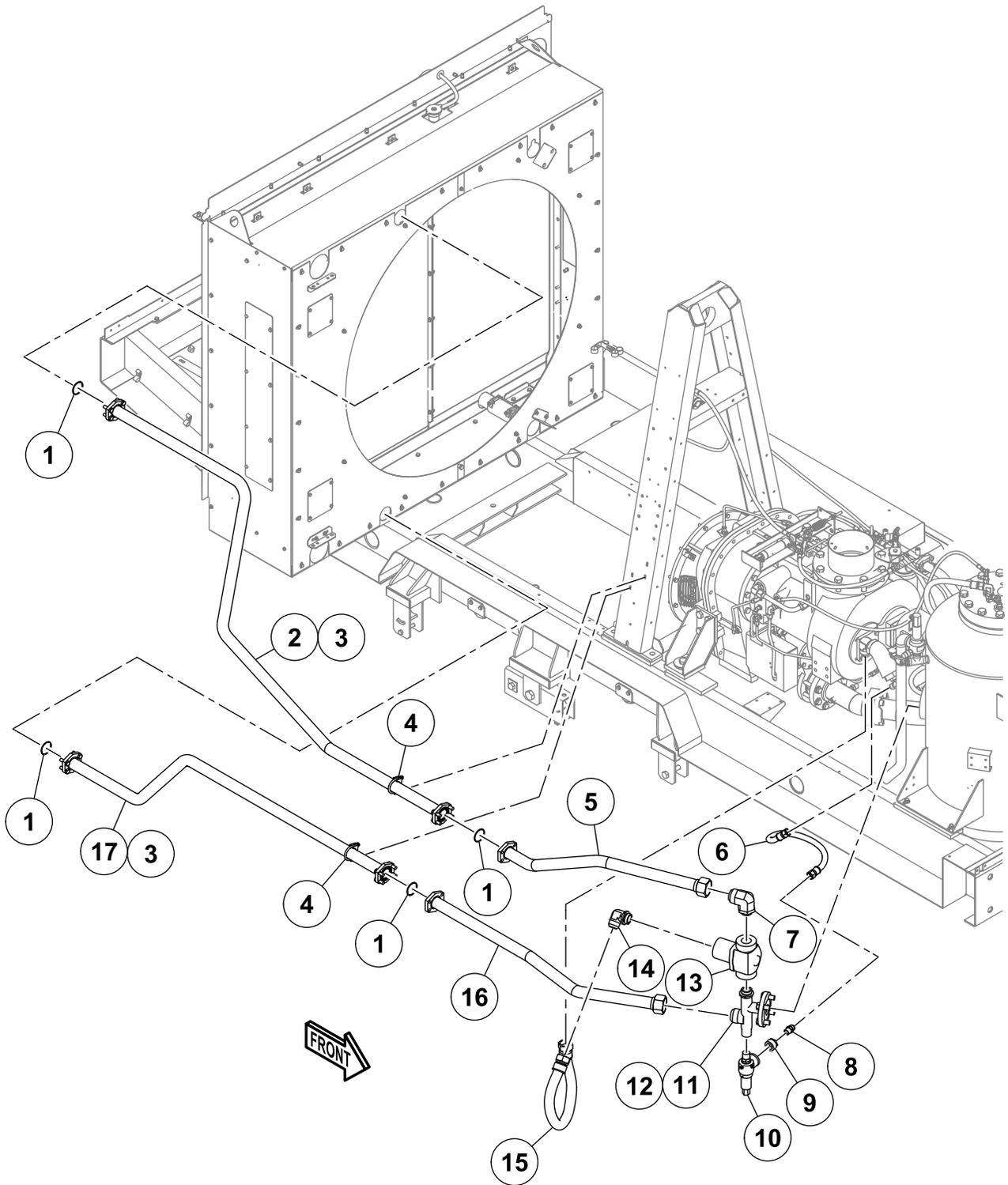
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35294750	Elbow, 90° -12 JIC X 1-1/16" -12 w/O-Ring	1	
2	95954038	Plug, Hex, 1/4" NPT	1	
3	95225116	Gasket, Ring	2	
4	36843720	Valve, Check, 3" Wafer	1	
5	46671454	Element, Oil Filter	2	
6	23294820	Sensor, Temperature, 3/8" NPT	1	
7	95358040	O-Ring, Std-237 3/8" ID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

Airend, HR2.5, Anti-Rumble Piping



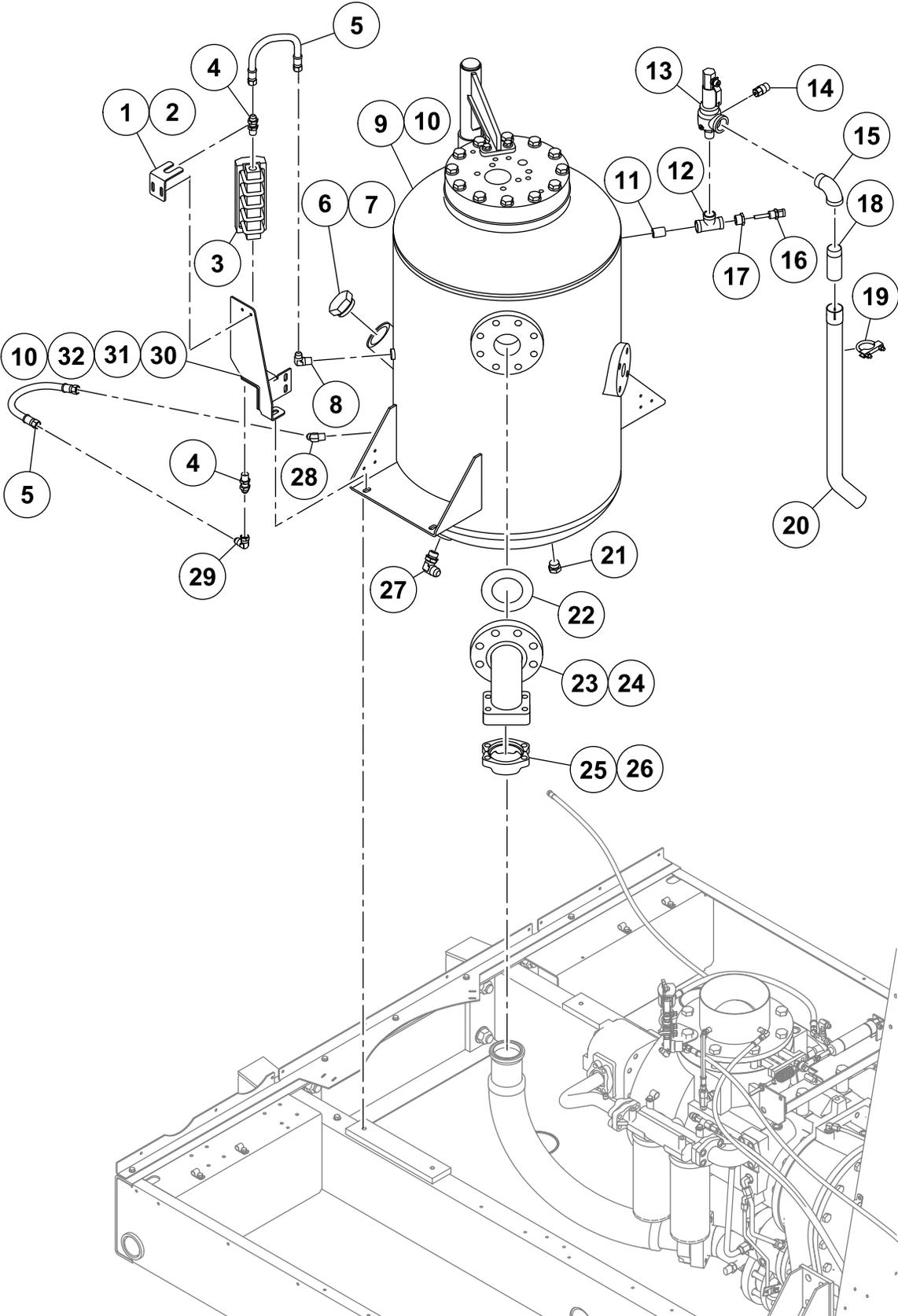
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35283472	Connector, -4 JIC X 1/4" NPT	1	
2	35286426	Adapter, -1/2" NPT X -8 JIC	1	
3	35166404	U-Bolt, 1/4" -20 UNC X 1-1/4"	2	
4	35132299	Silencer, Blowdown EPA	1	
5	95948501	Adapter, 1/2" NPTF X 1/4" NPTF	1	
6	35322346	Connector, 5/32" Orifice	1	
7	95944633	Bushing,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

Oil Piping, Installation



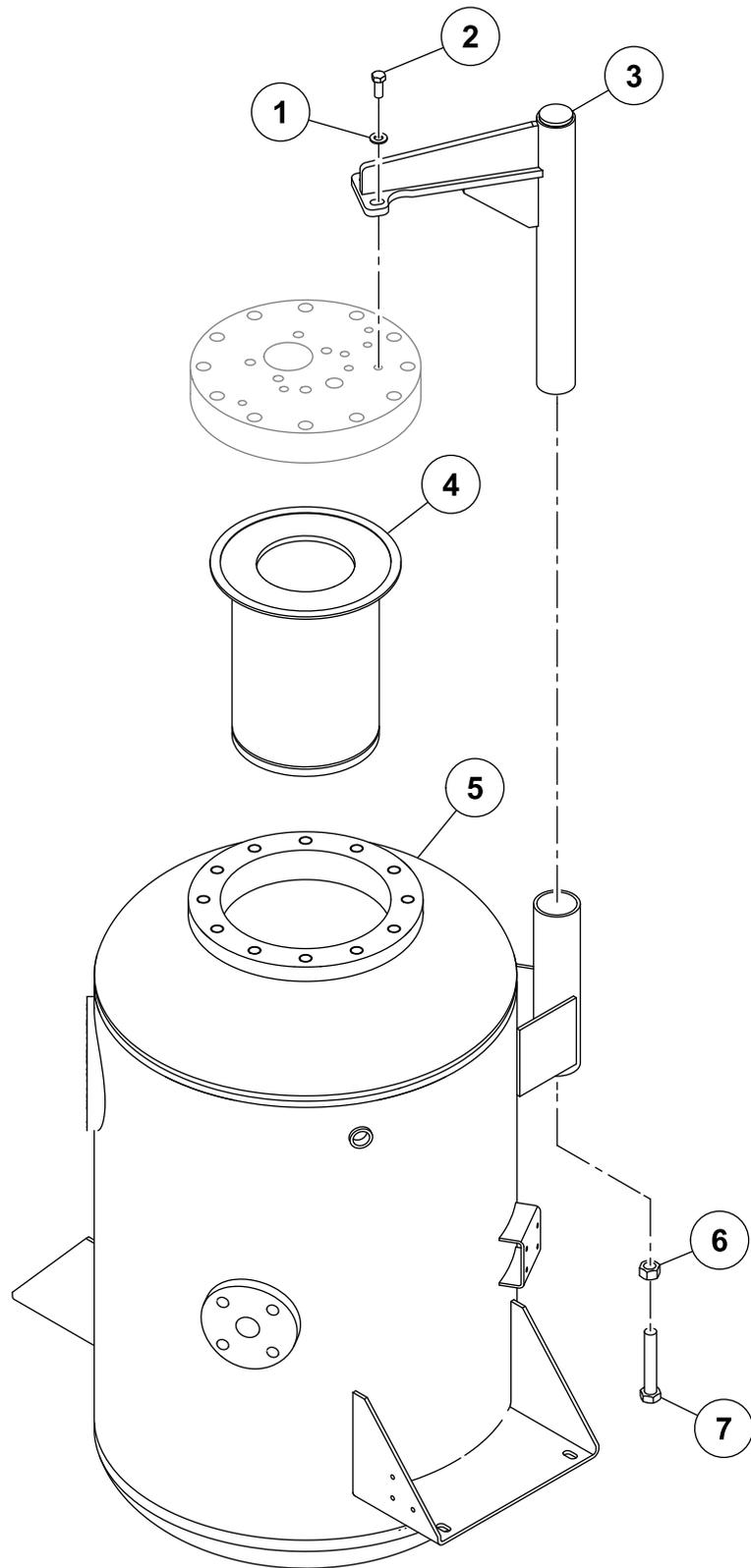
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	95357976	O-Ring, 2 - 1/4" ID X 1/8"	4	
2	46619887	Tube, Oil Cooler Return	1	
3	95920708	Screw, Hex, 1/2" - 13 X 1-1/2"	16	
4	35192178	Clamp, Saddle, 2"	2	
5	46619888	Tube, Oil Cooler Out To OTBV XHP	1	
6	35141894	Hose, -12 JIC X 16"	1	
7	39481460	Elbow, 90° - 24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

Separator Tank, Installation



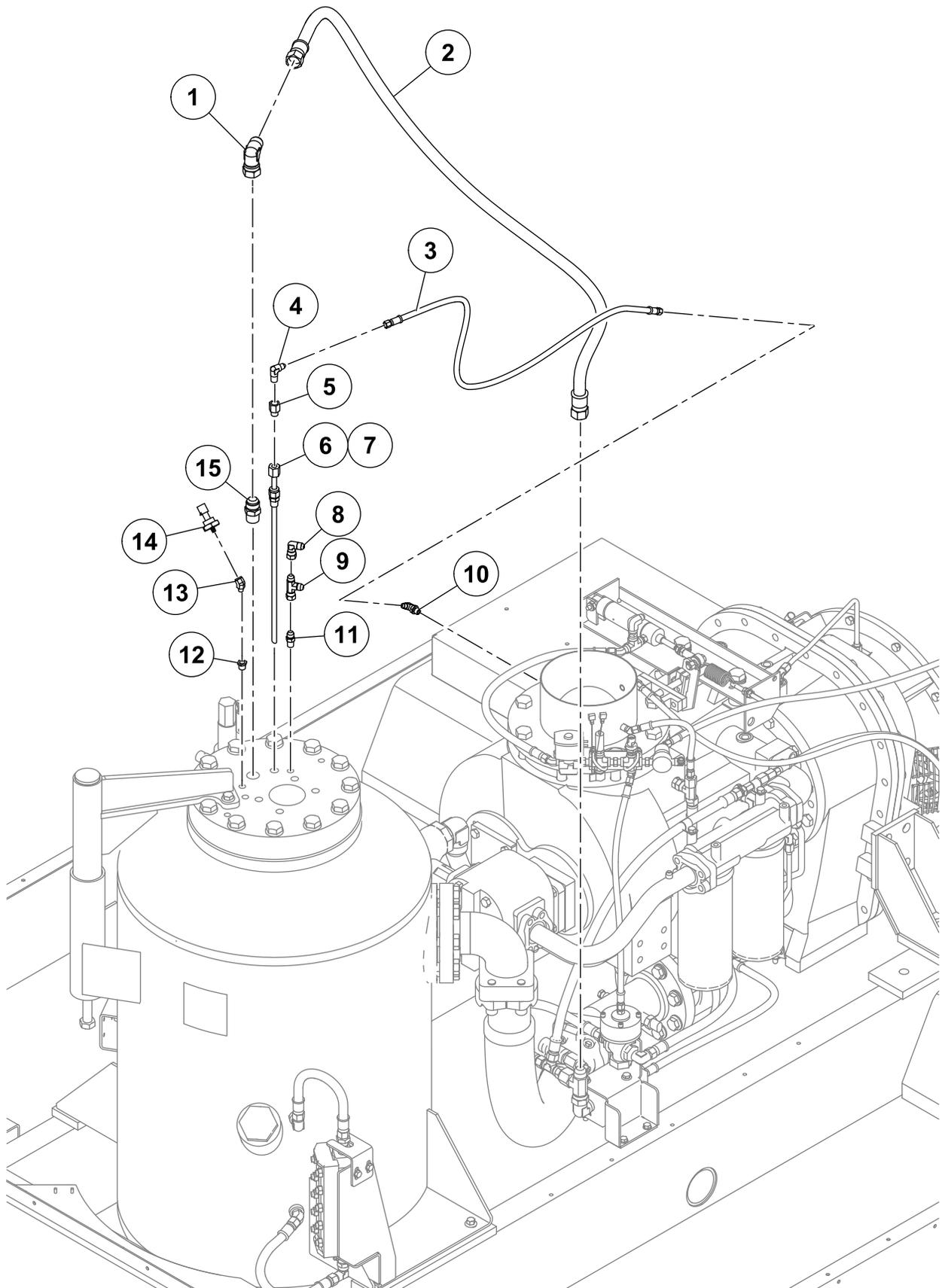
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46649981SA	Bracket, Top, Sight Glass	1	
2	35279025	Screw, Tapping, M08 - 1.25 X 20	2	
3	46615739	Gage, Sight, Flat Glass Reflex	1	
4	46620860	Connector, Bulkhead, -8 JIC X 1/2" NPT	2	
5	46620082	Hose, -8 X 381mm	2	
6	35802933	Plug, Oil Filler	1	
7	35277797	O-Ring,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

Separator Tank, Tank Assembly



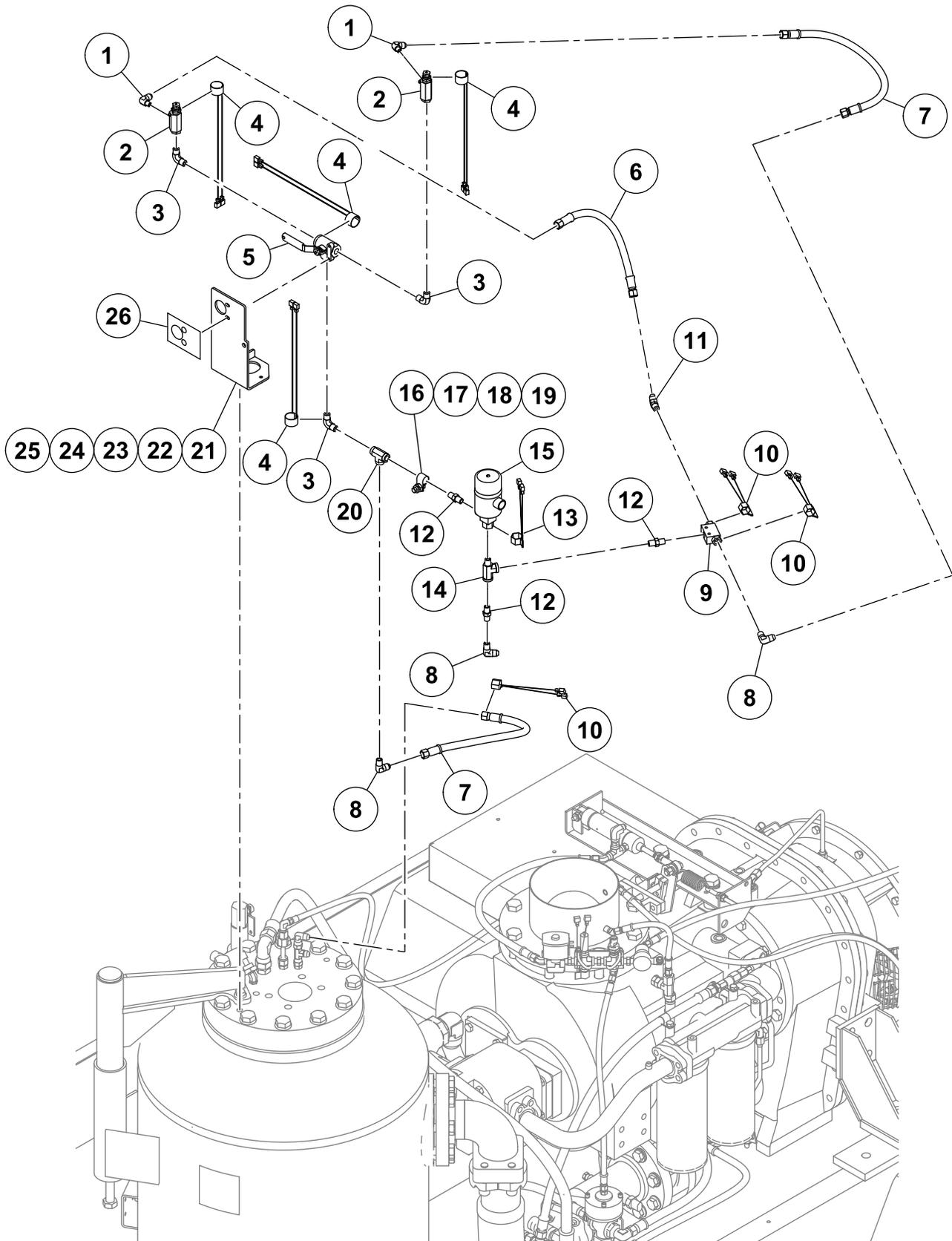
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	95935003	Washer, Flat, 1/2" ID	2	
2	95053047	Screw, Hex, 1/2" - 13 X 1-1/4"	2	
3	46555804SA	Arm, Tank Cover Davit	1	
4	46555952	Element, Separator	1	
5	46561525SA	Tank, Separator, XHP, ASME, CRN, AS1210 Cert	1	
	46555801SA	Tank, Separator, XHP, CE, ASME, CRN Cert	1	
6	95922928	Nut, Hex, 3/4" - 10	1	
7	95929139	Screw, Hex, 3/4" - 10 X 4-1/2"	1	

Separator Tank, Piping



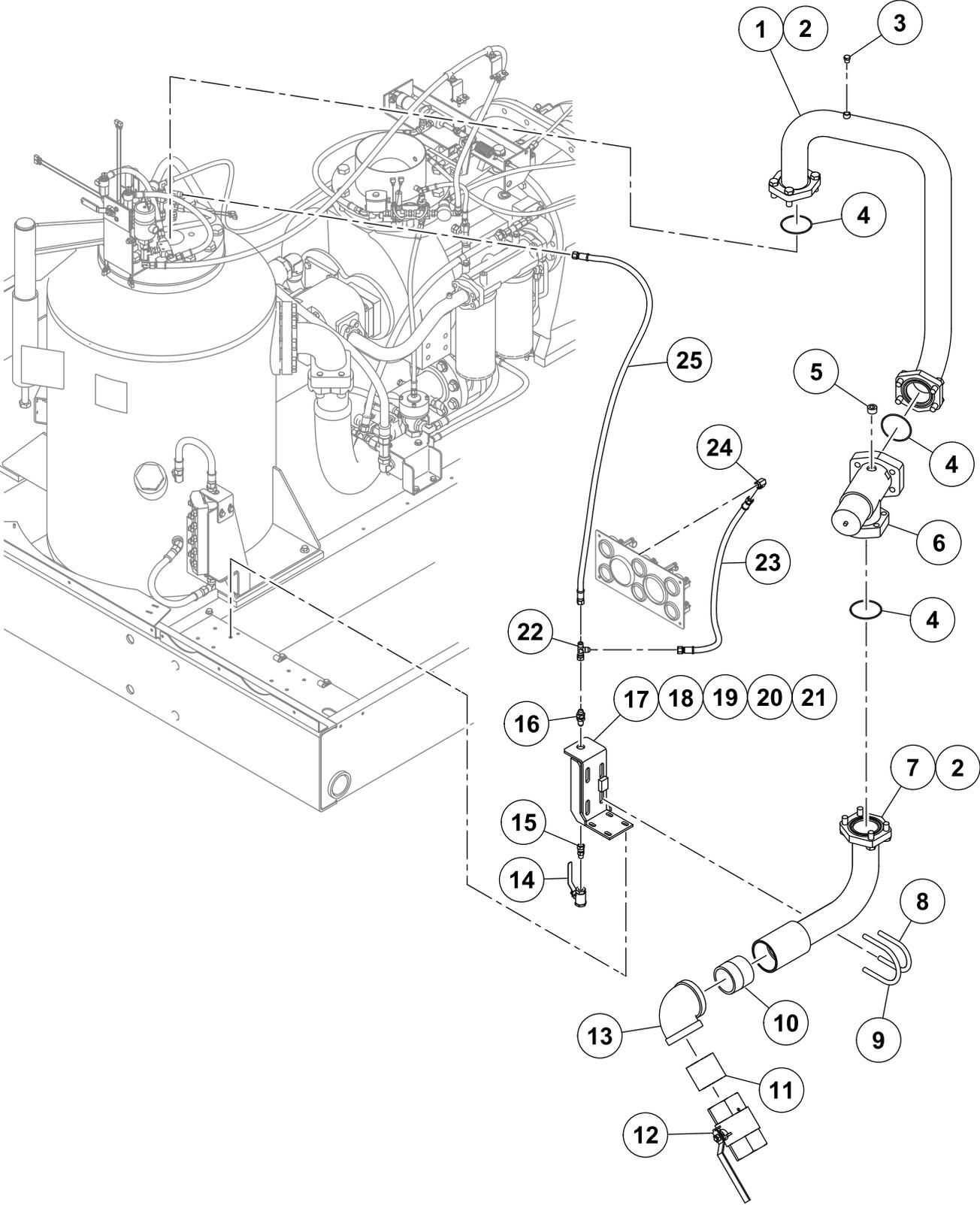
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	35301506	Elbow, 90° -12 JIC X -12 JIC Female	1	
2	35376110	Hose, -12 JIC X 54"	1	
3	35291269	Hose, -4 JIC X 60"	1	
4	35283464	Elbow, 90° -4 JIC X 1/4" NPTF	1	
5	37081528	Orifice, 0.063" Dia. X 1/4" NPT	1	
6	35593201	Tube, Scavenge	1	
7	35329309	Connector, 3/8" NPT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

Separator Tank, Regulation



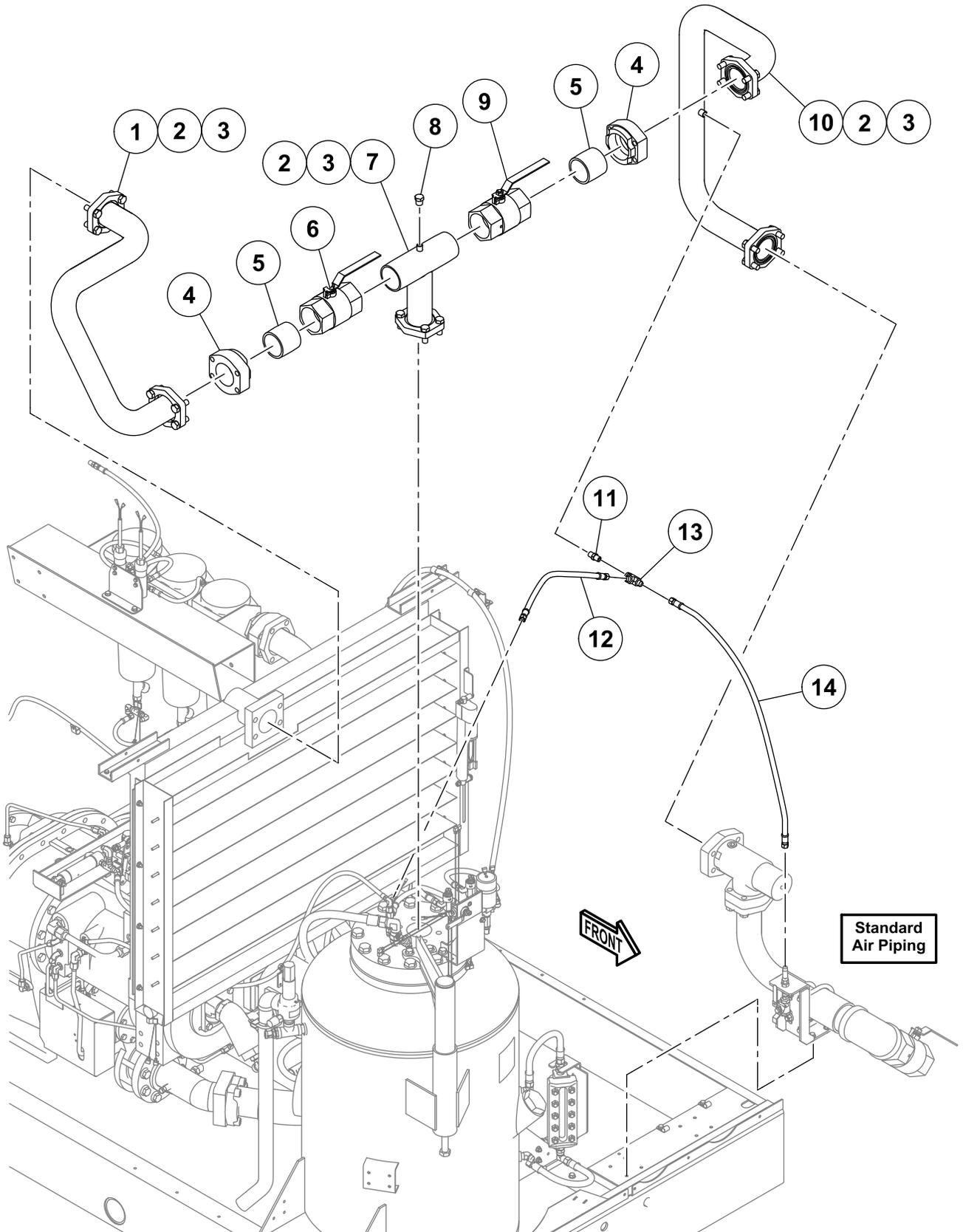
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46548087	Elbow, 90° -6 JIC X 1/8" NPT	2	
2	35315795	Valve, Regulator, Spring	2	
3	46547865	Elbow, 90° 1/4" NPT	3	
4	23346612	Heater, Cylindrical 24VDC	4	
5	46562499	Valve, 3-Way Ball 1/4" NPT	1	
6	46645121	Hose, -6 JIC X 13"	1	
7	46608801	Hose, -6 JIC X 17"	2	
8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

Service Air, Standard, No Filtration



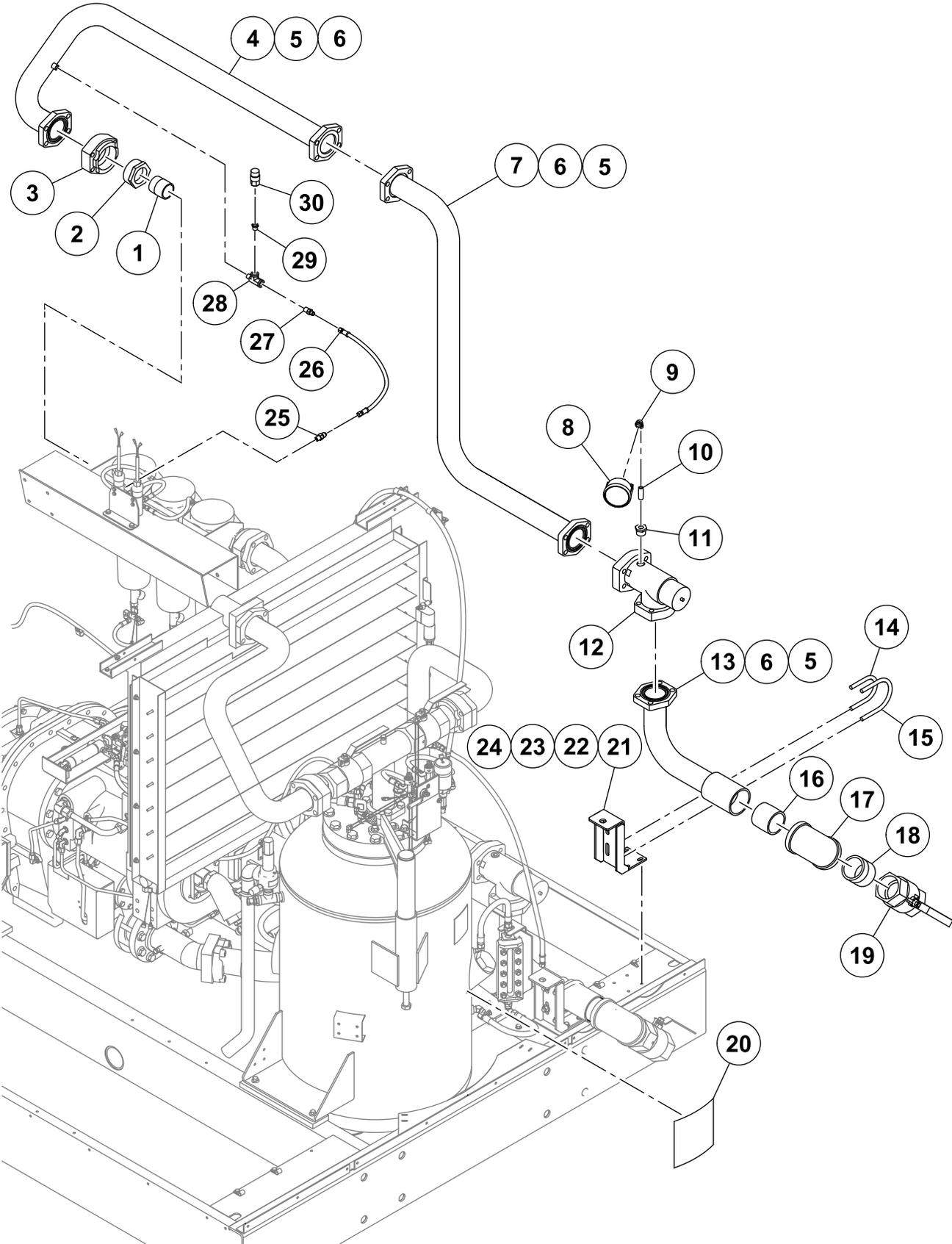
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46561721	Tube, Separator Tank Minimum Pressure Valve	1	Non PED Only
	22205124	Tube, Separator Tank Minimum Pressure Valve, PED	1	
2	95929089	Screw, Hex, 5/8" - 11 X 1-3/4"	12	
3	95954038	Plug, Hex, 1/4" NPT	1	
4	95358040	O-Ring, 3-3/8" ID X 1/8" Cross Section	3	
5	95947149	Plug, Hex, Countersink 3/4" NPT	1	
6	54687504	Valve, Check, 3" Minimum Pressure	1	
	22207526	Valve, Check, 3" Minimum Pressure, PED	1	
7	46561941	Tube, Service Air, 3"	1	
	46614404	Tube, Service Air, 3", PED	1	
8	35586288	U-Bolt, 1/2" - 13 X 3"	1	
9	36799419	U-Bolt, 1/2" - 13 X 4-5/8"	1	
10	95940946	Nipple, Pipe Extra Strong 3" NPT X 3"	1	
11	54393210	Nipple, Orifice, 3" NPT X 3"	1	
12	36755718	Valve, Ball, 3"	1	
	22225213	Valve, Ball, 3" NPT, PED	1	
13	95954814	Elbow, 90°, 3" NPT	1	
14	23299472	Valve, Ball, 1/4" NPT	1	
15	35367846	Connector, Swivel Nut, 1/4" NPT X -6 JIC	1	
16	35336189	Connector, -6 JIC Bulkhead	1	
17	54668314	Bracket, Service Pipe Mounting	1	
18	35130293	Screw, Tapping, 3/8" - 16 X 3/4"	4	
19	95935003	Washer, Flat, 1/2" ID	4	
20	95922902	Nut, Hex, 1/2"- 13	4	
21	95935052	Washer, Flat, 5/8"	2	
22	95415667	Tee, -6 JIC Swivel Run	1	
23	35282987	Hose, -6 JIC X 34"	1	
24	35280098	Elbow, 90° 1/4" NPT X -6 JIC	1	
25	35283001	Hose, -6 JIC X 47"	1	

Service Air, IQ, Piping, Aftercooler Inlet



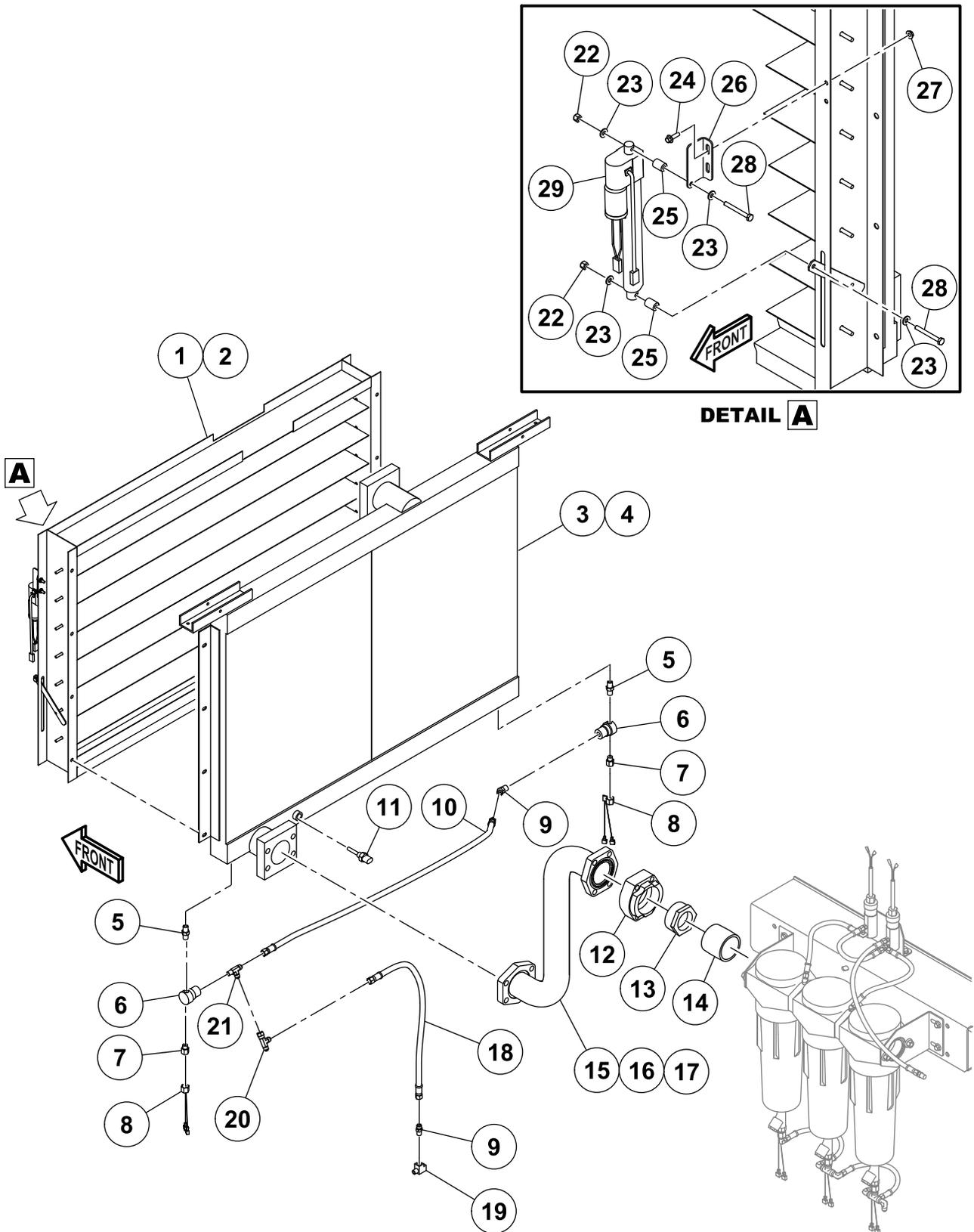
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46625516	Tube, Aftercooler Inlet XHP	1	
	46614405	Tube, Aftercooler Inlet XHP, PED	1	
2	95929089	Screw, Hex, 5/8" - 11 X 1-3/4"	20	
3	95358040	O-Ring, 3-3/8" ID	5	
4	36893220	Adapter, 3" NPT X Flat-Face Flange	2	
5	95940946	Nipple, Extra Strong, Pipe 3" NPT X 3"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

Service Air, IQ, Filtration Outlet, Piping



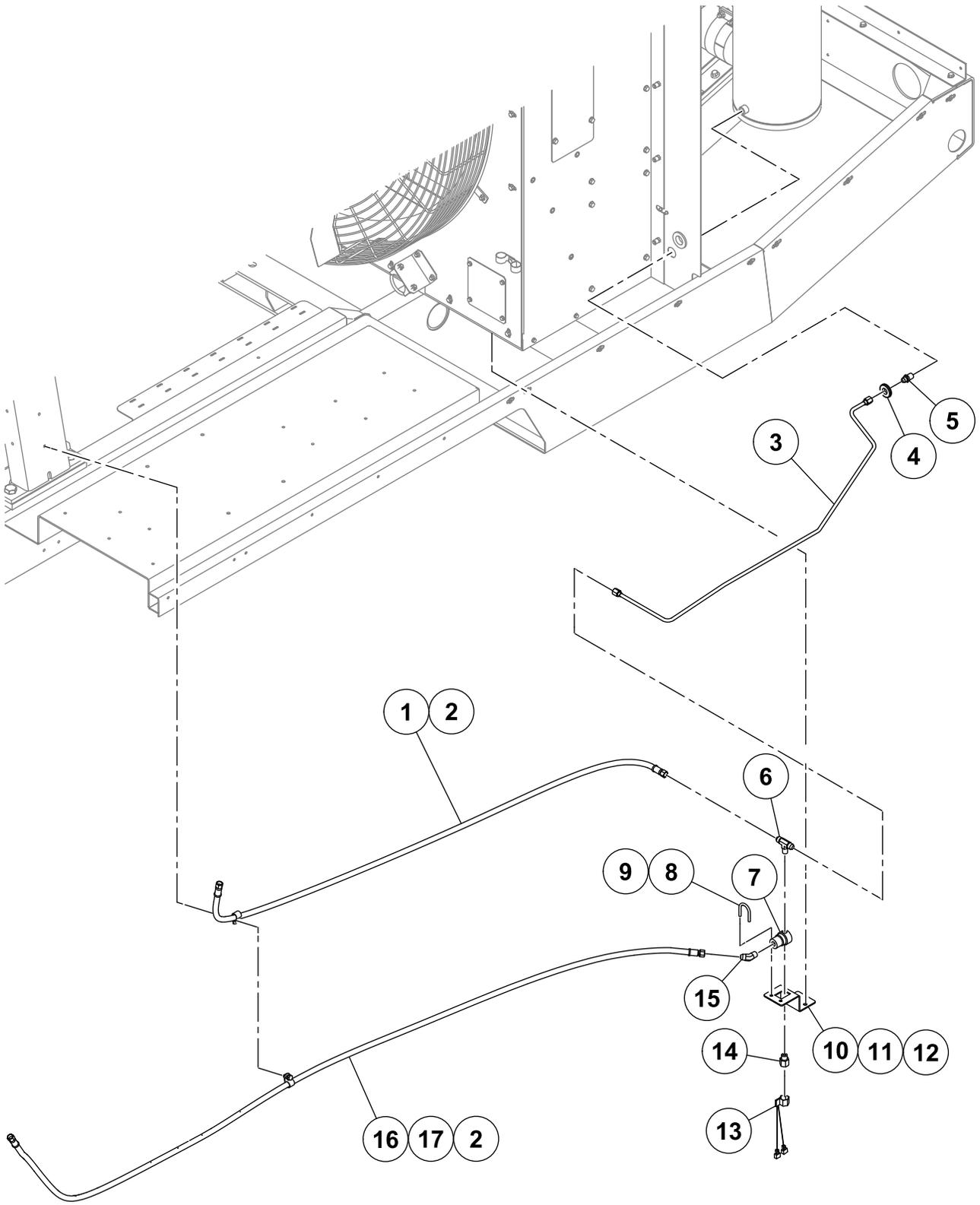
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	95953790	Nipple, Extra Strong, Pipe, 2" NPT X 2-1/2"	1	
2	95951398	Bushing, 3" NPT X 2" NPT Female Reducer	1	
3	36893220	Adapter, 3" NPT X Flat-Face Flange	1	
4	46556499	Tube, IQ Filter	1	
	46614402	Tube, IQ Filter, PED	1	
5	95358040	O-Ring, 3-3/8" ID	4	
6	95929089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

Service Air, IQ, Aftercooler, Piping



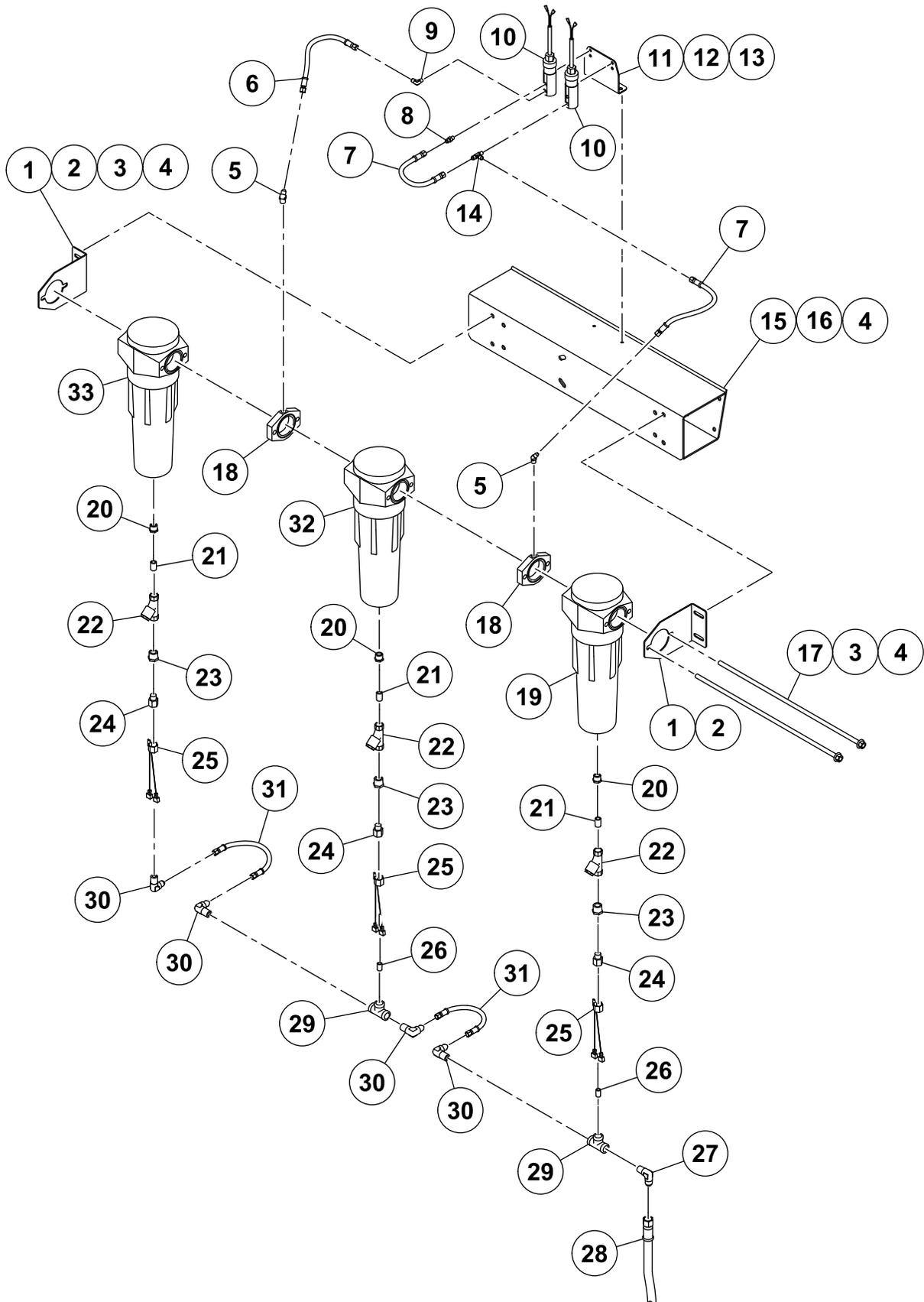
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	54700943	Louver, Aftercooler	1	
2	35252600	Nut, Hex, 5/16" - 18	8	
3	46625132	Aftercooler, High Pressure, XHP	1	
	46601123	Aftercooler, High Pressure, XHP, PED	1	
4	35144336	Screw, Hex Flange, 5/16" - 18 X 3/4"	8	
5	46547816	Nipple, Hex, 1/4" NPT	2	
6	36920445	Valve,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

Service Air, IQ, Drain Lines



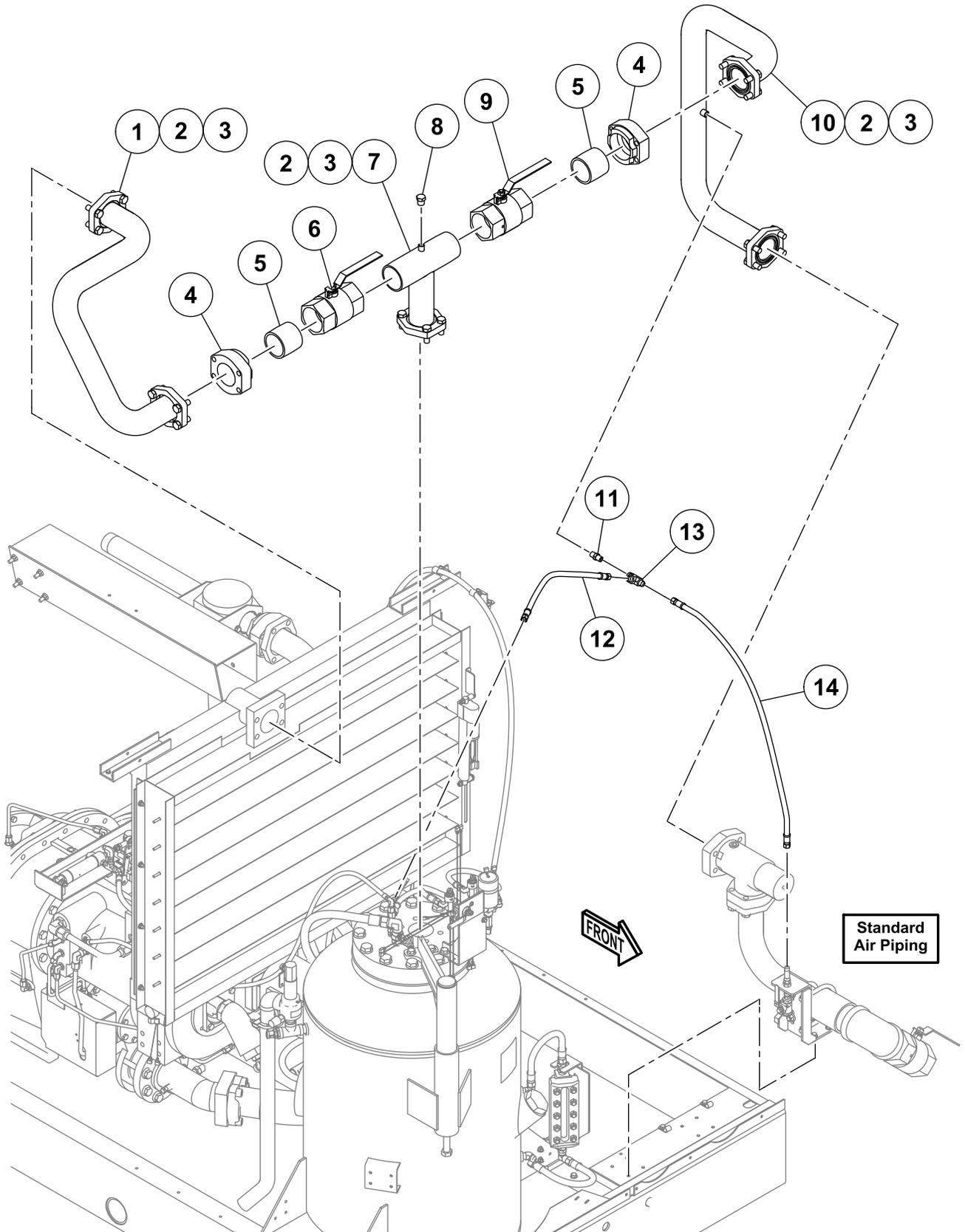
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46606721	Hose, -6 JIC X 88"	1	
2	35225077	Clamp, Support, 3/8" Rubber Coated	2	
3	46651751	Tube, -6 JIC Drain Valve to Muffler	1	Tandem Only
	46654753	Tube, -6 JIC Drain Valve to Muffler	1	Wagon Only
4	35285162	Grommet, 3/4" ID	1	
5	46593959	Connector, -6 JIC X 3/8"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

Service Air, IQ, Filters And Moisture Separator



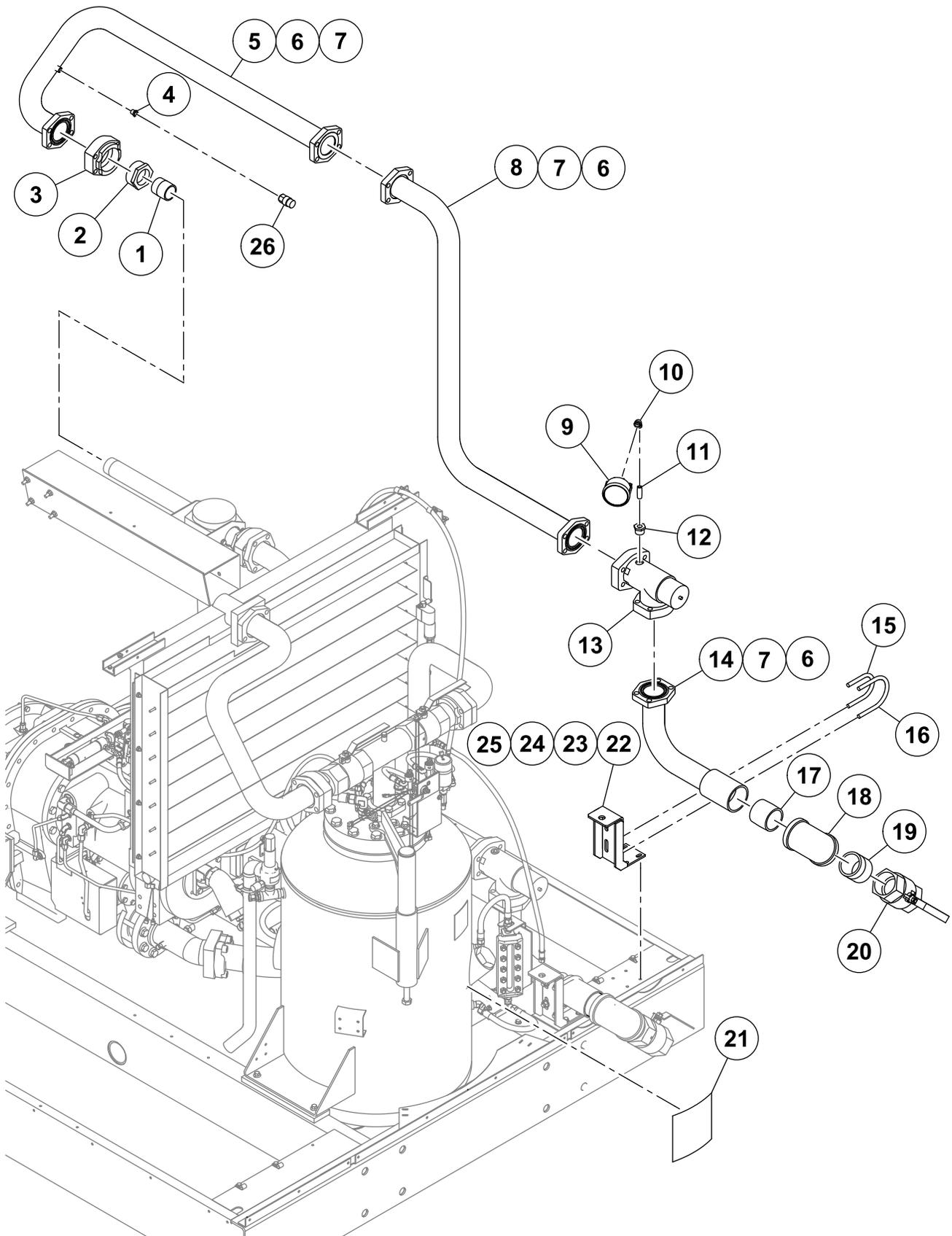
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	54735204	Bracket, XHP IQ Filter Mounting	2	
2	36880995	Screw, Hex Flange M10 - 1.5 X 30	8	
3	95935003	Washer, Flat, 1/2"	4	
4	96701743	Nut, Hex, M12-1.75	4	
5	35321223	Elbow, 45°, -4 JIC X 1/4" NPTF	2	
6	35283241	Hose, -4 JIC X 14"	2	
7	35282904	Hose, -4 JIC X 11-1/2"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

Service Air, AC, Aftercooler Inlet, Piping



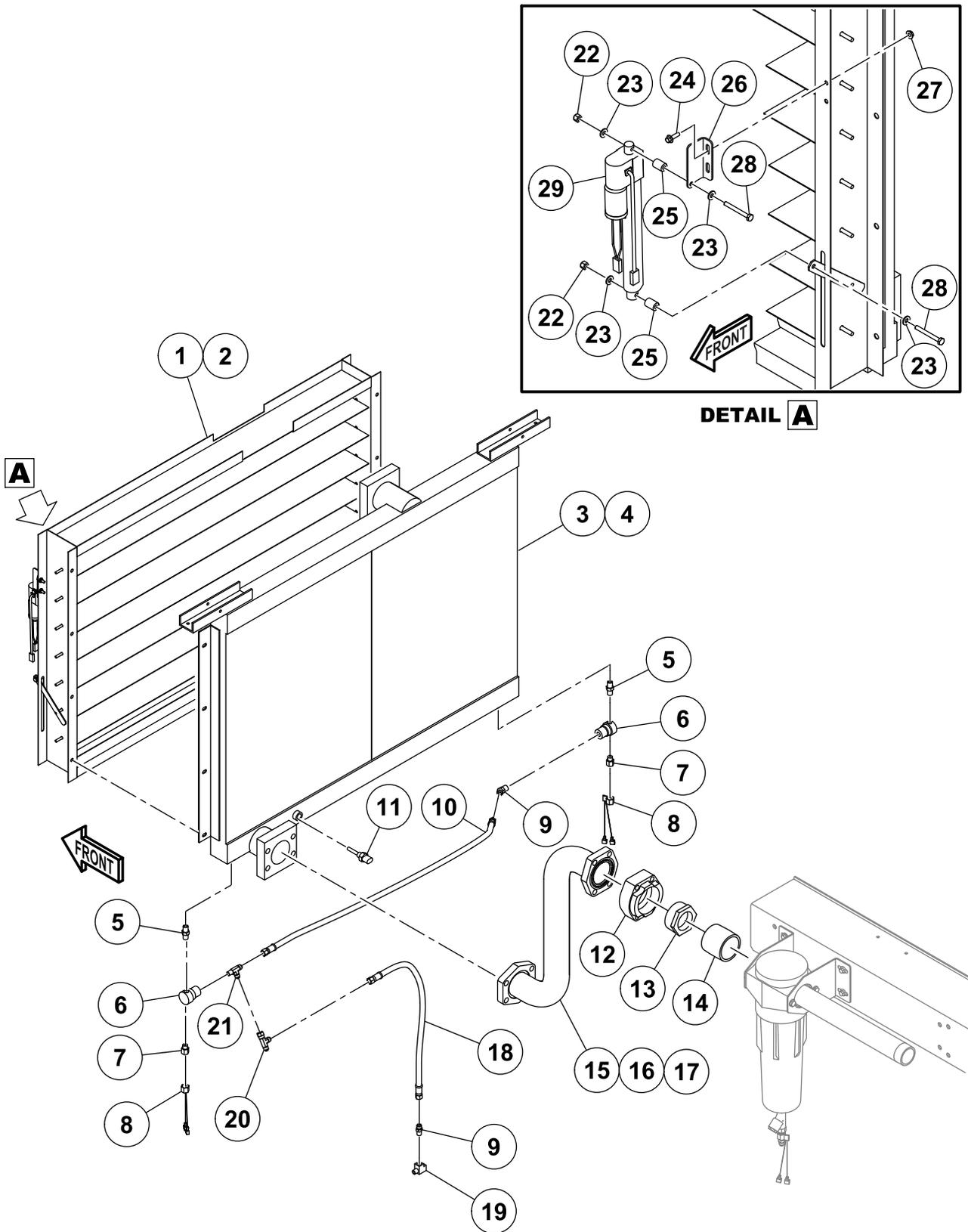
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46625516	Tube, Aftercooler Inlet XHP	1	
	46614405	Tube, Aftercooler Inlet XHP, PED	1	
2	95929089	Screw, Hex, 5/8" - 11 X 1-3/4"	20	
3	95358040	O-Ring, 3-3/8" ID	5	
4	36893220	Adapter, 3" NPT X Flat-Face Flange	2	
5	95940946	Nipple, Extra Strong, Pipe 3" NPT X 3"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

Service Air, AC, Filtration Outlet, Piping



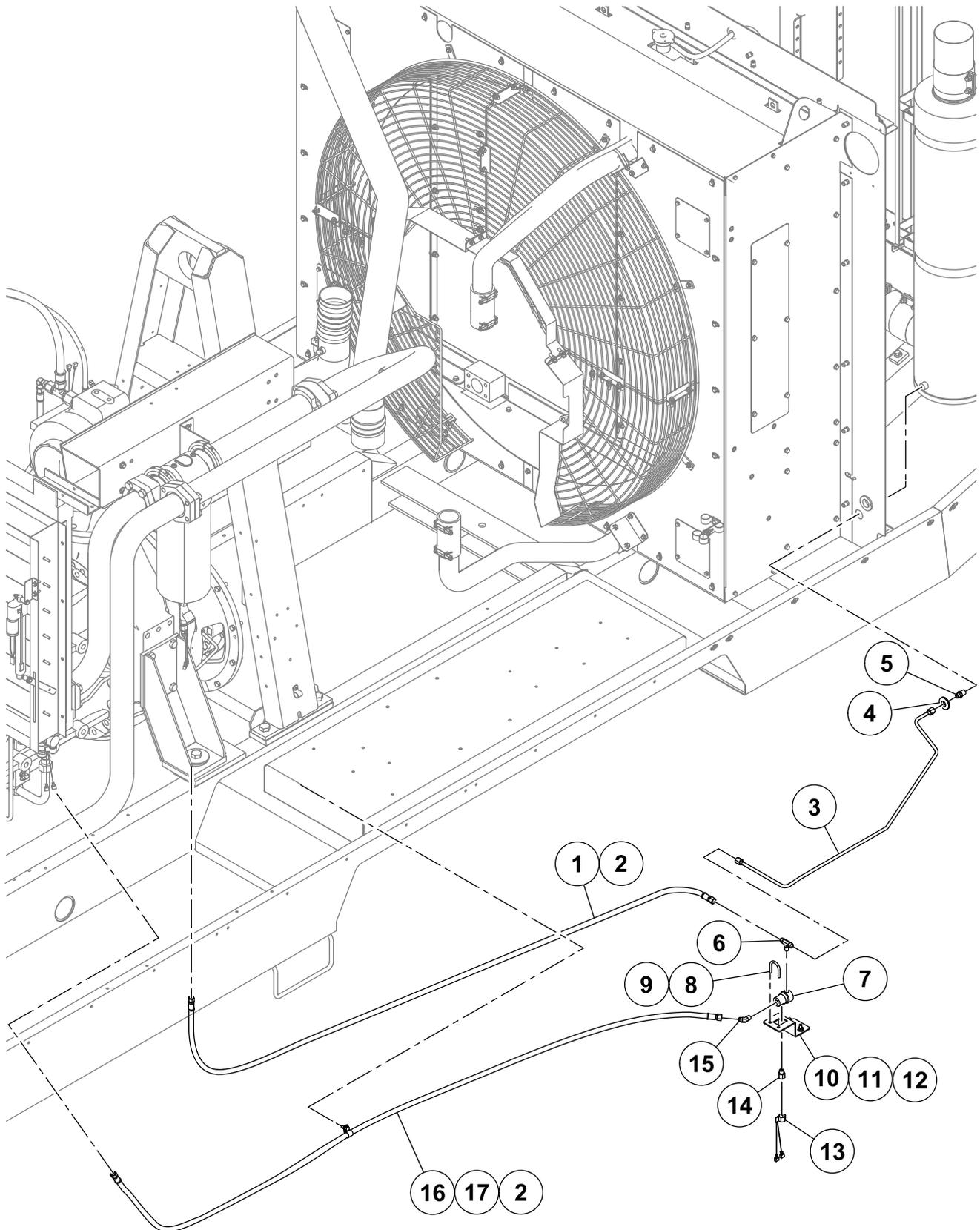
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	95953790	Nipple, Extra Strong, Pipe, 2" NPT X 2-1/2"	1	
2	95951398	Bushing, 3" NPT X 2" NPT Female Reducer	1	
3	36893220	Adapter, 3" NPT X Flat-Face Flange	1	
4	46547857	Bushing, Reducer, Hex, 1/4" NPTF X 1/8" NPTF	1	
5	46556499	Tube, IQ Filter	1	
	46614402	Tube, IQ Filter, PED	1	
6	95358040	O-Ring, 3-3/8" ID	4	
7	95929089	Screw, Hex, 5/8" - 11 X 1-3/4"	16	
8	46557144	Tube, IQ Filter Tube to Min. Pressure Valve	1	
	46614403	Tube, IQ Filter Tube to Min. Pressure Valve, PED	1	
9	46558801	Gauge, Pressure, 0-600 PSI	1	
10	95954095	Elbow, 90° 1/4" NPT	1	
11	95944567	Nipple, 1/4" NPT X 1-1/2"	1	
12	95944633	Bushing, Reducer, Female, 3/4" NPT X 1/4" NPT	1	
13	54687504	Valve, Check, 3" Minimum Pressure	1	
	22207526	Valve, Check, 3" Minimum Pressure, PED	1	
14	46561941	Tube, Service Air	1	
	46614404	Tube, Service Air, PED	1	
15	35586288	U-Bolt, 1/2" - 13 X 3"	1	
16	36799419	U-Bolt, 1/2" - 13 X 4-5/8"	1	
17	95940946	Nipple, Extra Strong, Pipe, 3" NPT X 3"	1	
18	95954814	Elbow, 90° 1/4" NPT	1	
19	54393210	Nipple, Orifice, 3" NPT X 3"	1	
20	36755718	Valve, Ball, 3"	1	
	22225213	Valve, Ball3", PED	1	
21	46607442	Decal, AC Operation Diagram	1	
22	54668314	Bracket, Service Pipe Mounting	1	
23	35130293	Screw, Tapping, 3/8" - 16 X 3/4"	4	
24	95922902	Nut, Hex 1/2"- 13	4	
25	95935003	Washer, Flat, 1/2" ID	4	
26	46568519	Switch, Pressure, 12PSI NC	1	

Service Air, AC, Aftercooler, Piping



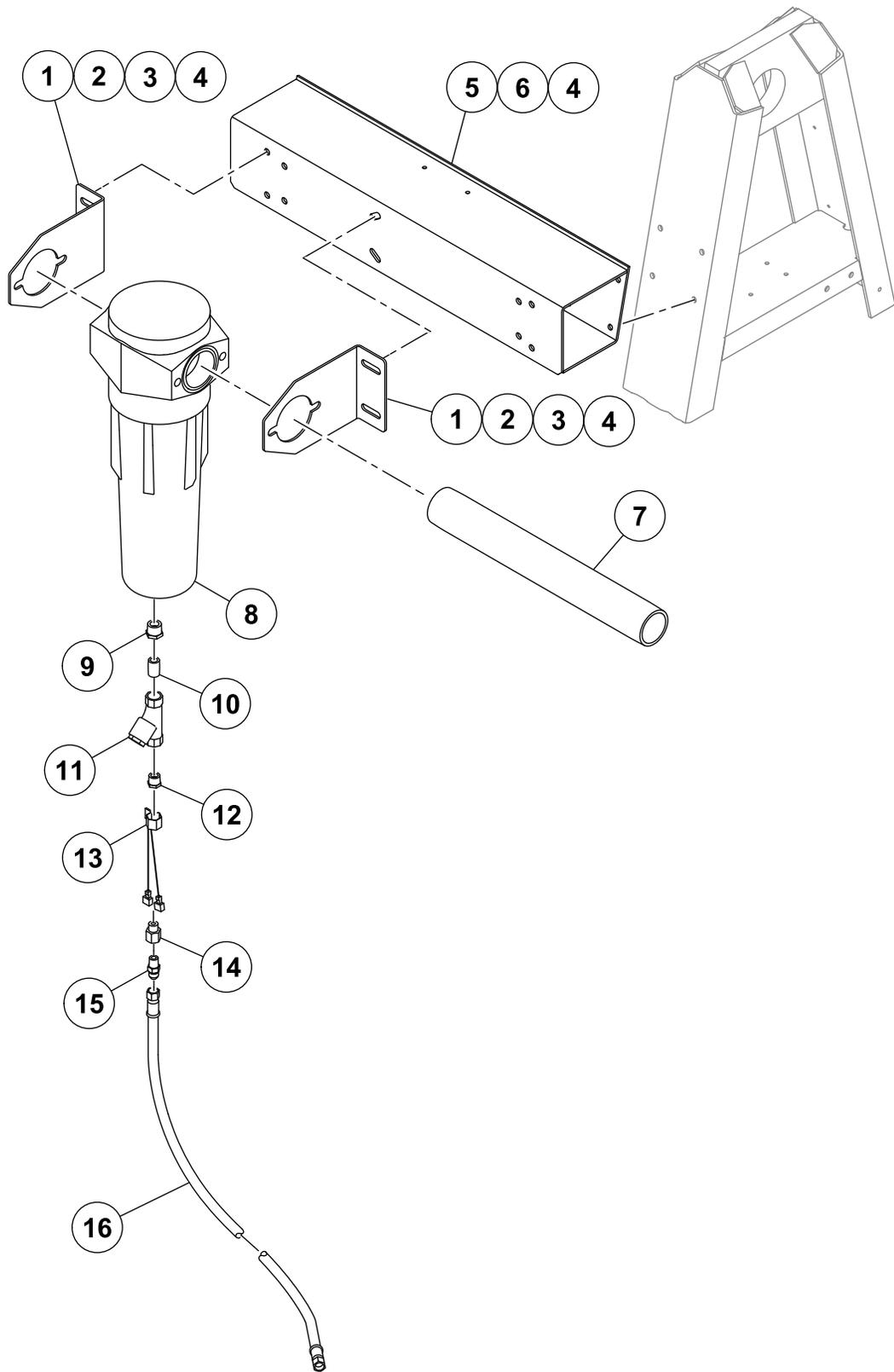
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	54700943	Louver, Aftercooler	1	
2	35252600	Nut, Hex, 5/16" - 18	8	
3	46625132	Aftercooler, High Pressure, XHP	1	
	46601123	Aftercooler, High Pressure, XHP, PED	1	
4	35144336	Screw, Hex Flange, 5/16" - 18 X 3/4"	8	
5	46547816	Nipple, Hex, 1/4" NPT	2	
6	36920445	Valve,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

Service Air, AC, Drain Lines



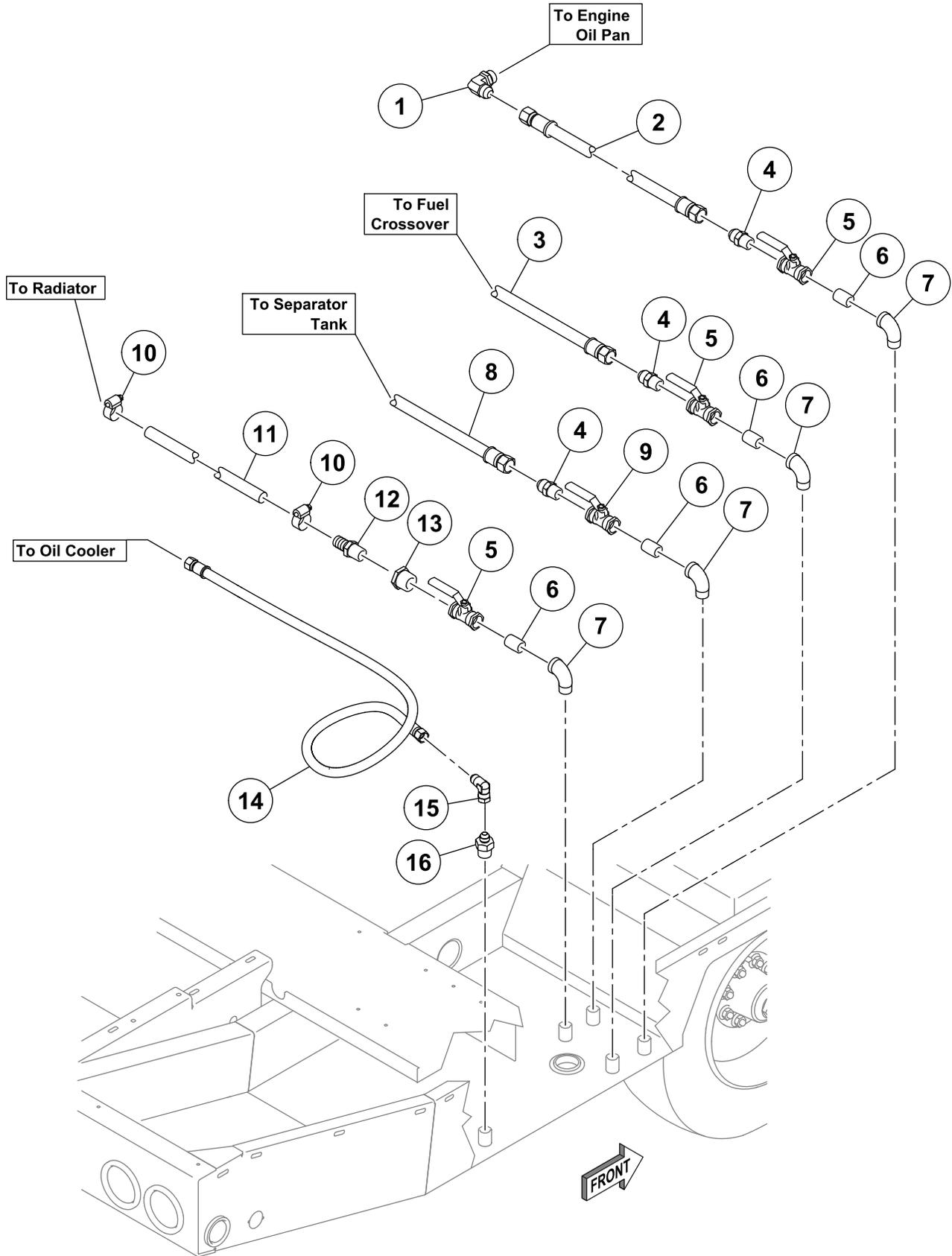
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46595800	Hose, -6 JIC X 100"	1	
2	35225077	Clamp, Support, 3/8" Rubber Coated	2	
3	46651751	Tube, -6 JIC Drain Valve to Muffler	1	Tandem Only
	46654753	Tube, -6 JIC Drain Valve to Muffler	1	Wagon Only
4	35285162	Grommet, 3/4" ID	1	
5	46593959	Connector, -6 JIC X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

Service Air, AC, Moisture Separator



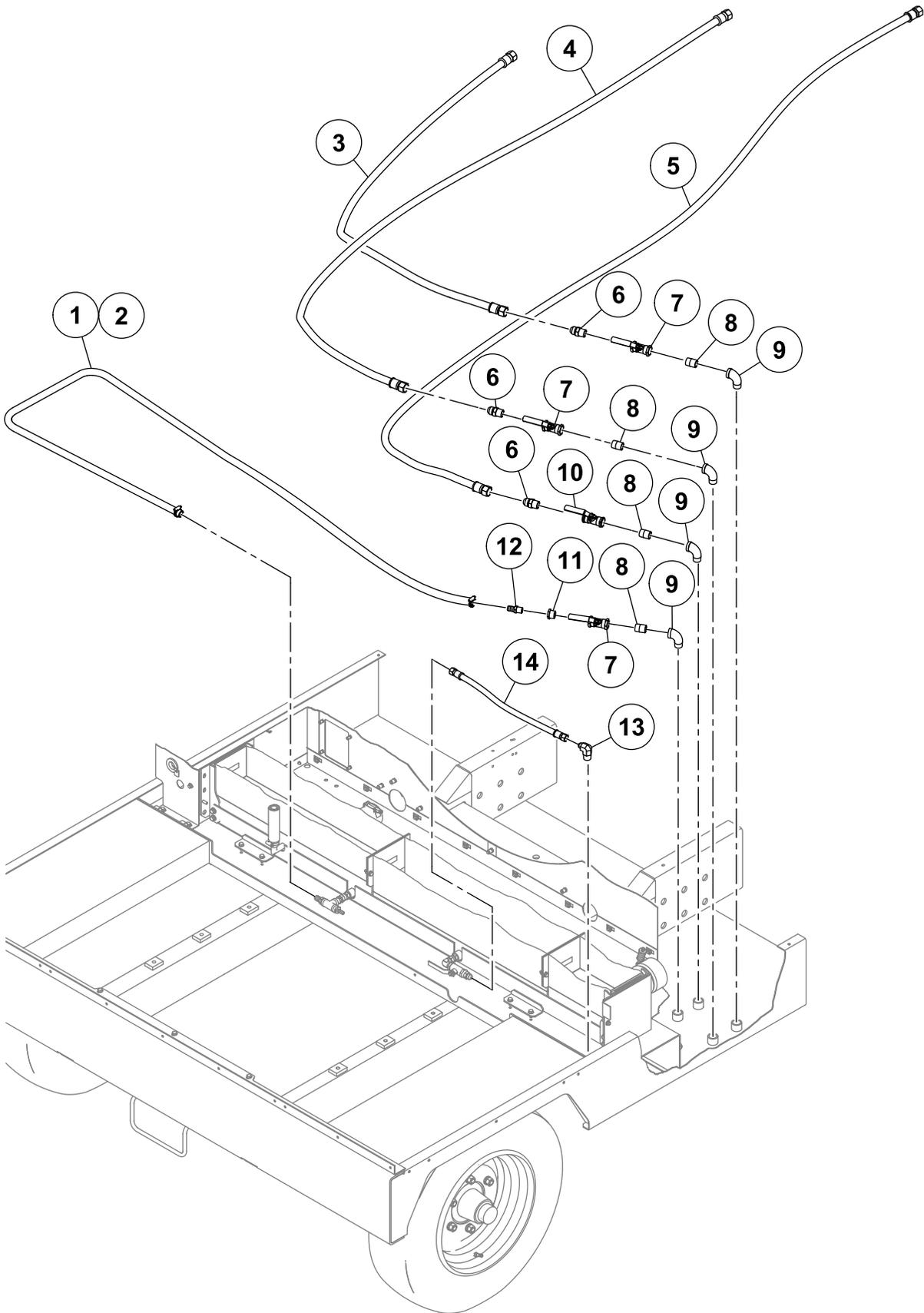
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	54735204	Bracket, XHP IQ Filter Mounting	2	
2	96730411	Screw, Hex, M10 - 1.5 X 60	4	
3	95935037	Washer, Flat, 3/8"	4	
4	36880995	Screw, Hex Flange, M10 - 1.5 X 30	8	
5	46585559SB	Bracket, IQ Filter Mounting	1	
6	36879195	Nut, Hex Flange, M10 - 1.5	8	
7	46552079	Nipple,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

Central Drains, Tandem



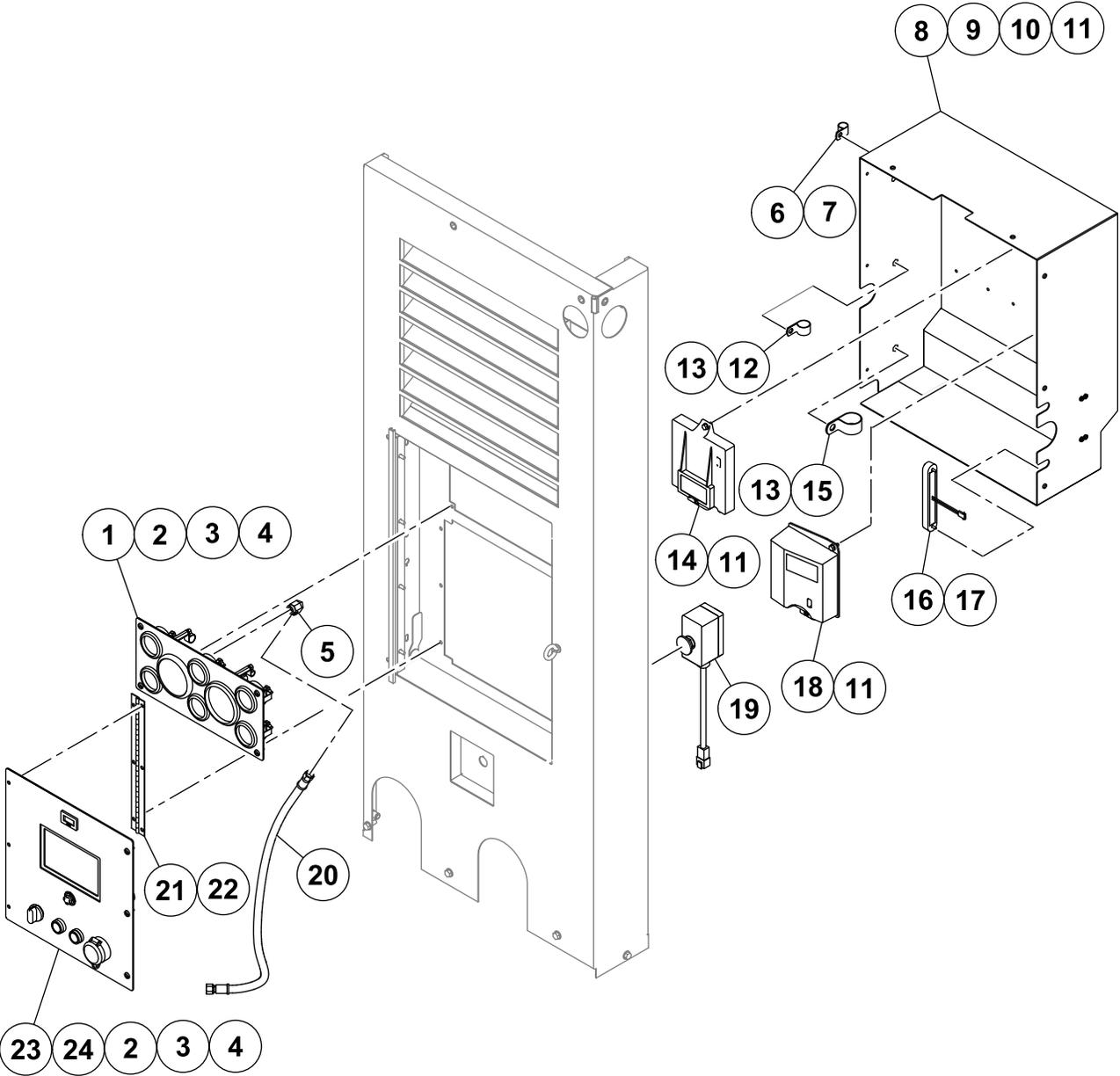
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	22063937	Elbow, 90° Street M27 - 2.0 X -12 JIC	1	
2	35323880	Hose, -12 JIC X 79"	1	
3	36898328	Hose, -12 JIC X 138"	1	
4	95219747	Connector, 3/4" NPT X -12 JIC	3	
5	35576115	Valve, Ball 3/4" NPT	3	
6	95928040	Nipple, Pipe 3/4"	4	
7	95928172	Elbow, 90° Street 3/4"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



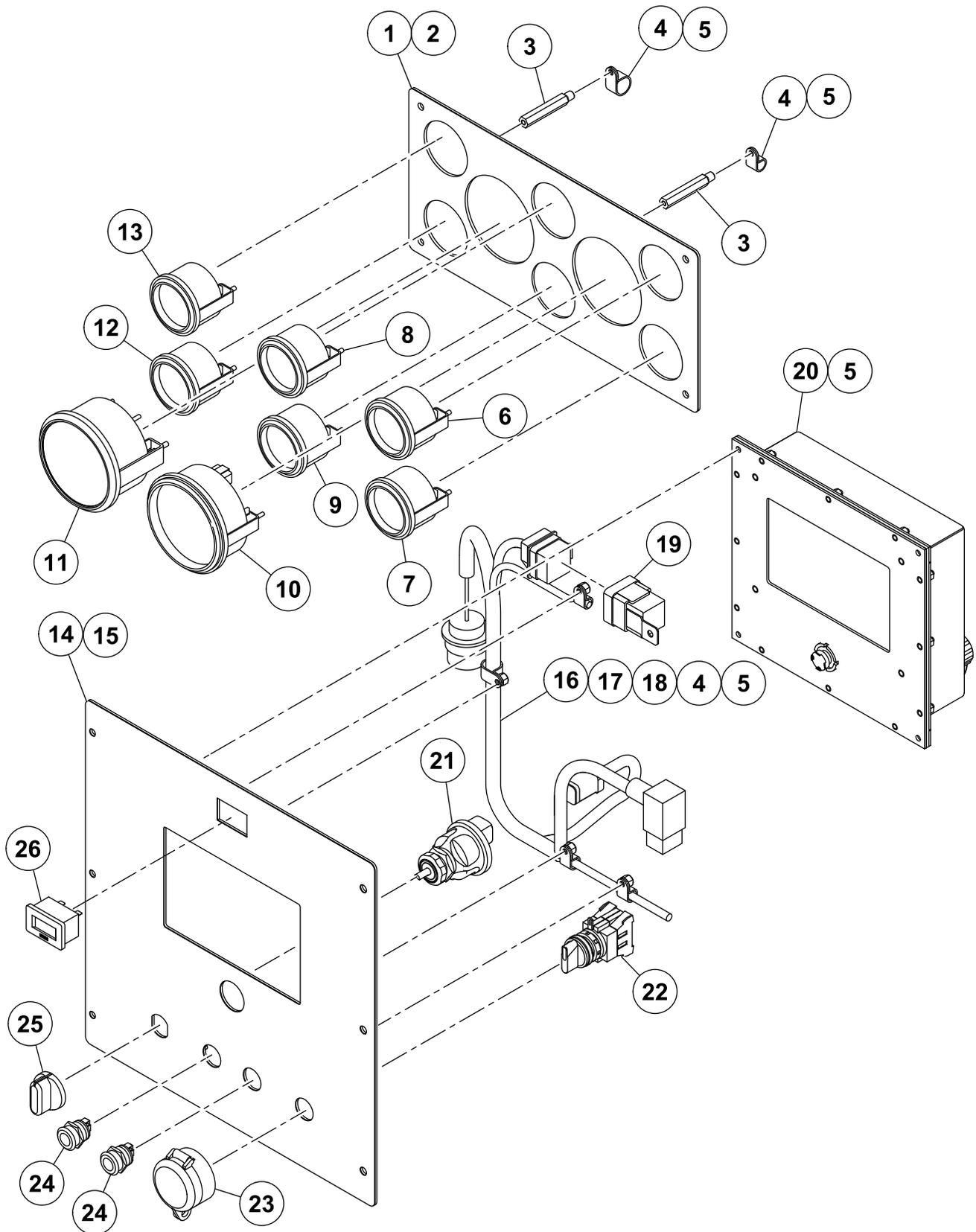
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46652351	Hose, Silicone, Coolant 5/8" ID	130	Measured In Inches
2	46641379	Clamp, Hose #10	2	
3	35323880	Hose, -12 JIC X 79"	1	
4	36898328	Hose, -12 JIC X 138"	1	
5	36878254	Hose, -12 JIC X 175"	1	
6	95219747	Connector, 3/4" NPT X -12 JIC	3	
7	35576115	Valve, Ball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



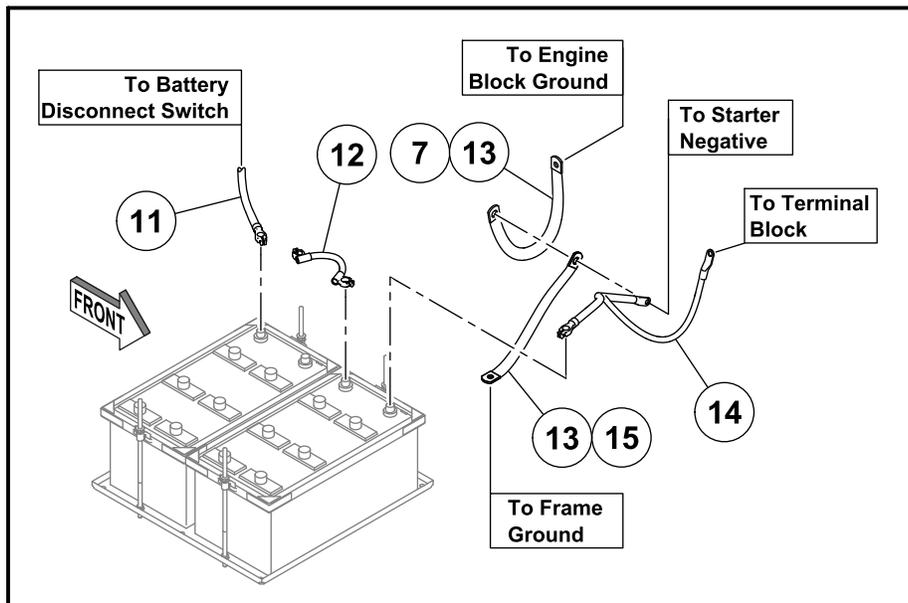
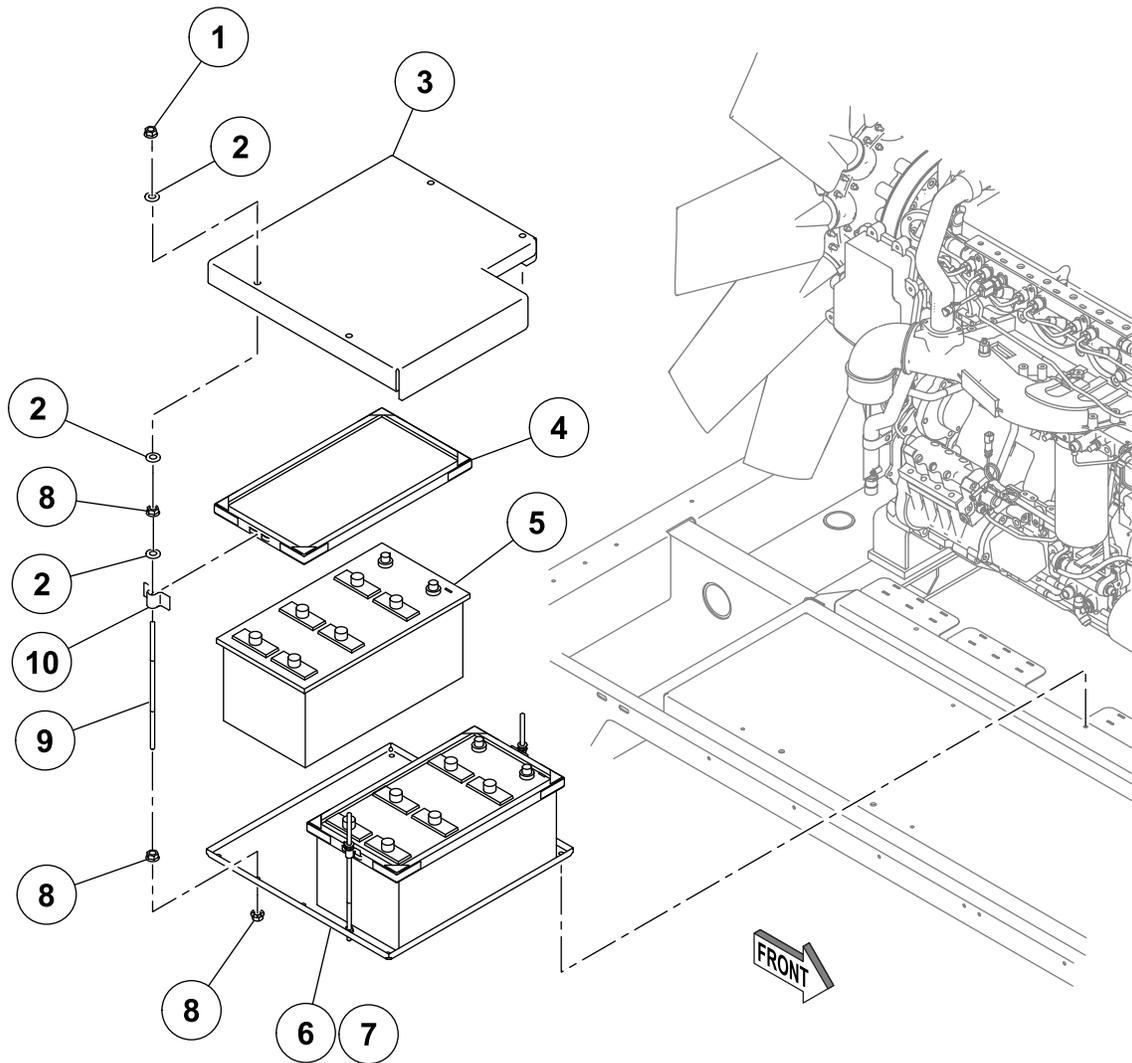
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46636563	Panel Assembly, 8 Gauge	1	
2	35256429	Screw, Slotted Head Quarter-Turn, 1/4"	7	
3	35256445	Retainer	14	
4	35256452	Receptacle, Quarter-Turn Clip-On	7	
5	35280098	Elbow, 90° 1/4" NPTF X - 6JIC	1	
6	35225077	Clamp, 11/16" ID Rubber Coated Support	1	
7	96727193	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	IQ/AC Only
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



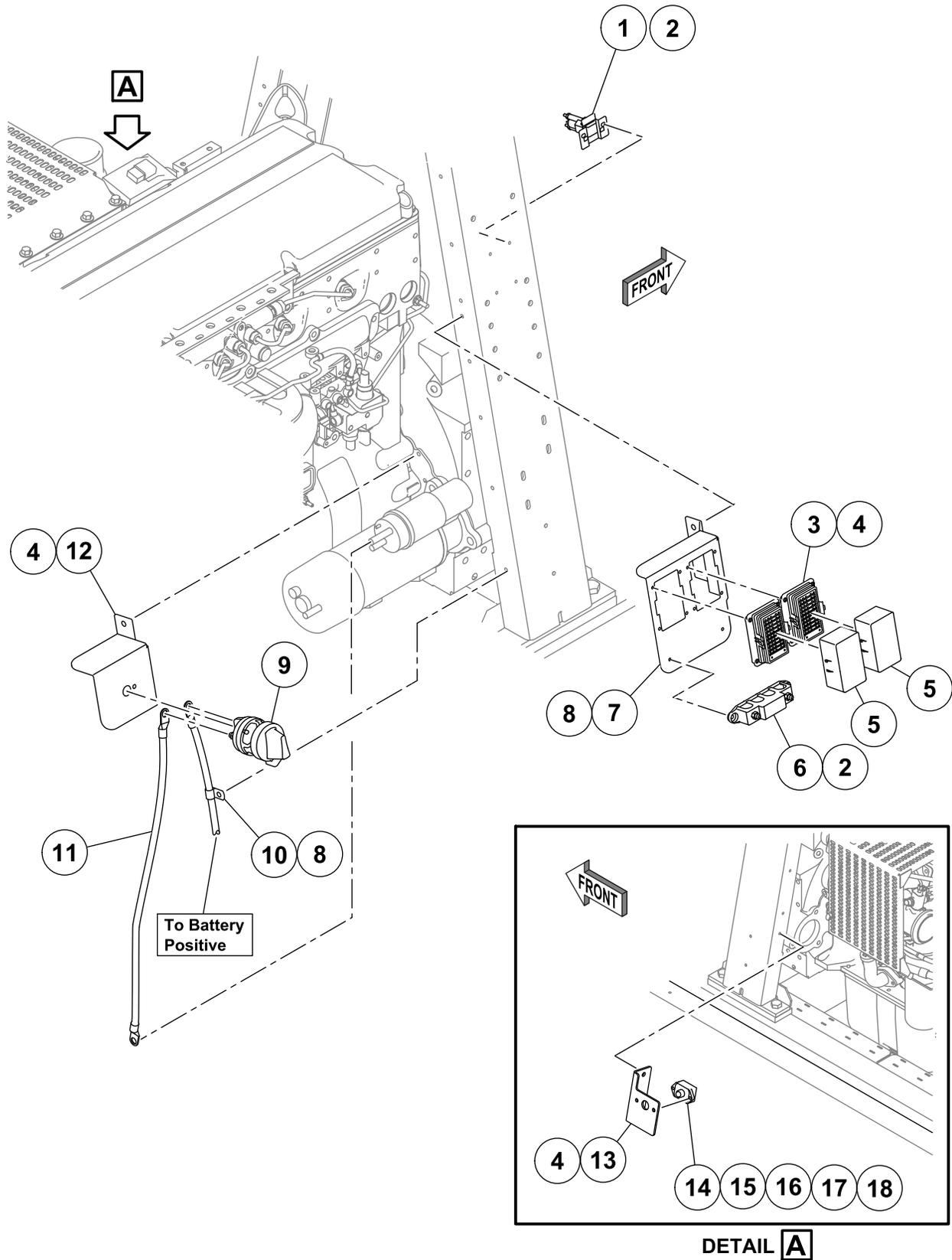
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46636560	Panel, Base Gauge J1939 T4F	1	
2	46636561	Laminate, Gauge Panel J1939 T4F	1	
3	46569259	Standoff, Male-Female 3/8" Hex 10 - 32	2	
4	46564986	Clamp, Cable Nylon 5/8"	1	
5	95928800	Nut, Hex #10 - 32 Stainless Steel	2	
6	46558804	Gauge, Engine Coolant Temperature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



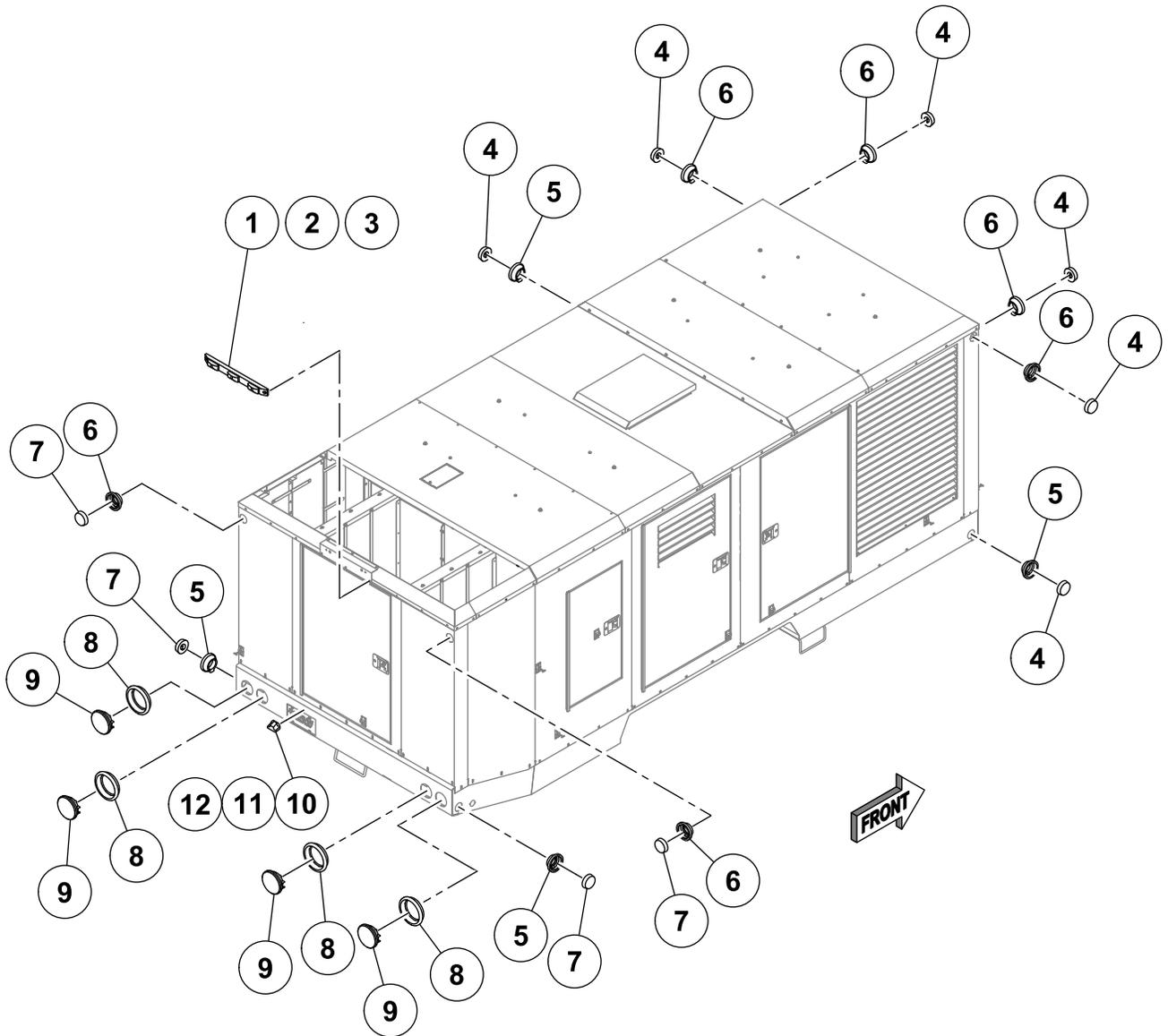
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	95923322	Nut, Hex Nylon Insert 3/8" - 16	4	
2	95935037	Washer, Flat 3/8" ID	12	
3	54706825SB	Cover, Battery	1	
4	35562156	Frame, Battery Holder	2	
5	35225788	Battery, 12 VDC	2	
6	36870350SB	Tray, Battery	1	
7	35279025	Screw, Tapping M08 - 1.25 X 20	3	
8	35145077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



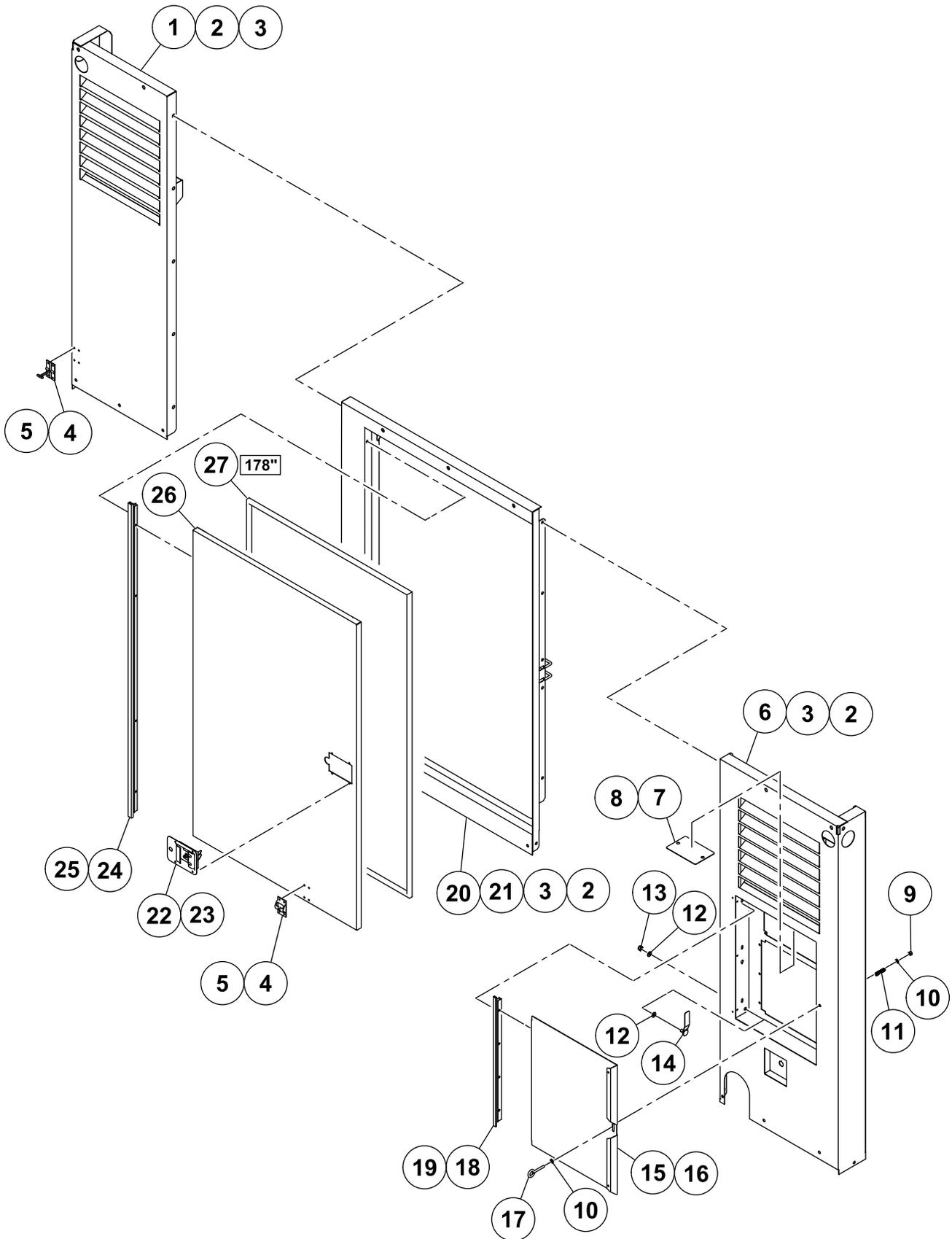
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36853521	Relay, 24V SPST 100 A	1	
2	92368687	Screw, Tapping M06 - 1.0 X 14	2	
3	46556356	Fuse, Relay Center	1	
4	36842102	Screw, Tapping 10 - 32 X 1"	4	
5	23366172	Cover, Fuse/Relay Center	2	
6	46567039	Block, Terminal 4-Point 3/8" Stud	1	
7	46587019SB	Bracket, Fuse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



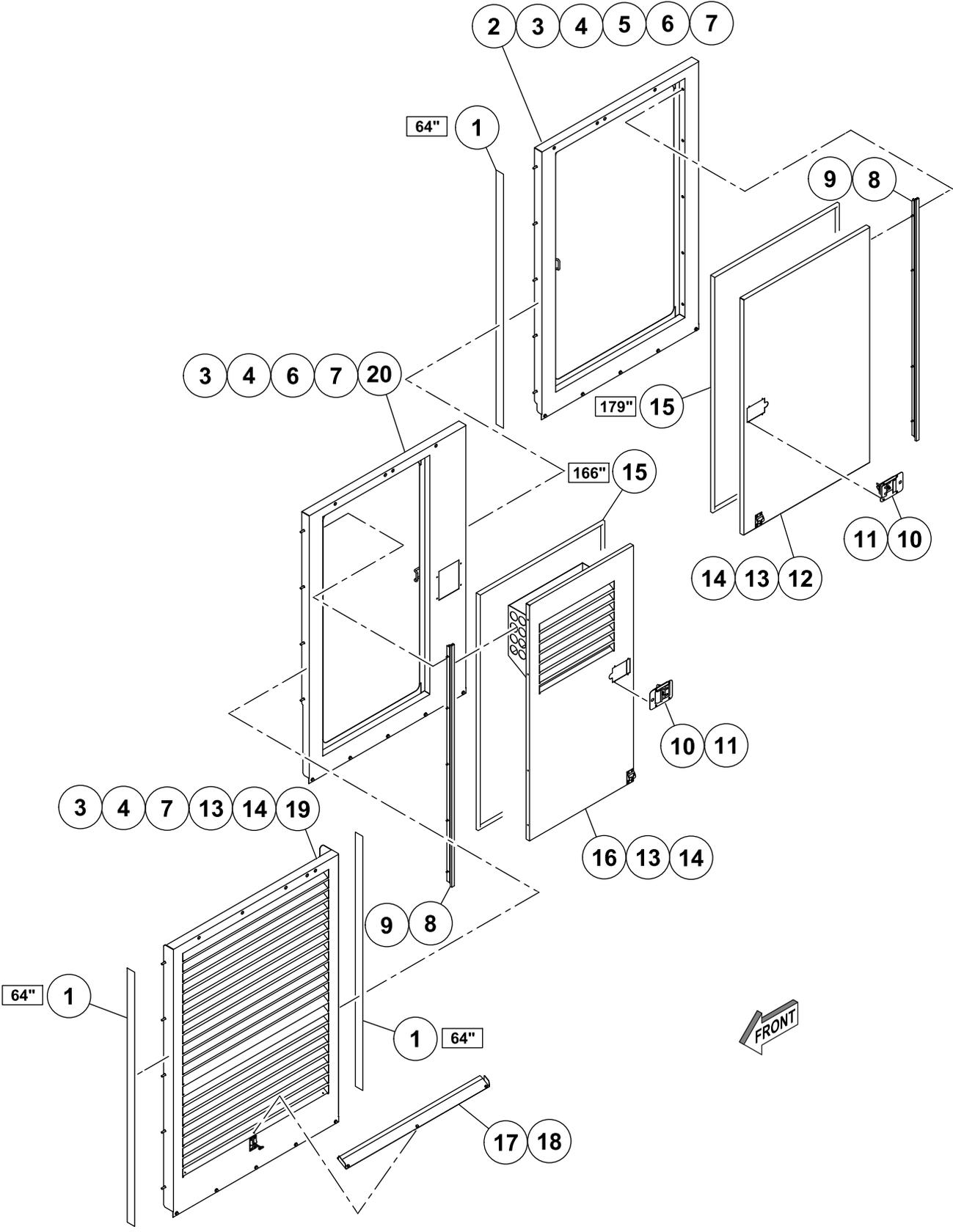
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36922144	Light, Identification	1	
2	95922126	Screw, Round Head Slotted #10 - 24 X 5/8"	2	
3	35265388	Nut, Hex Flange Nylon Insert #10 - 24	2	
4	35367051	Lamp, Clearance Yellow	6	
5	36893642	Grommet, Clearance Lamp	4	
6	36893634	Grommet, Clearance Lamp	6	
7	35367044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



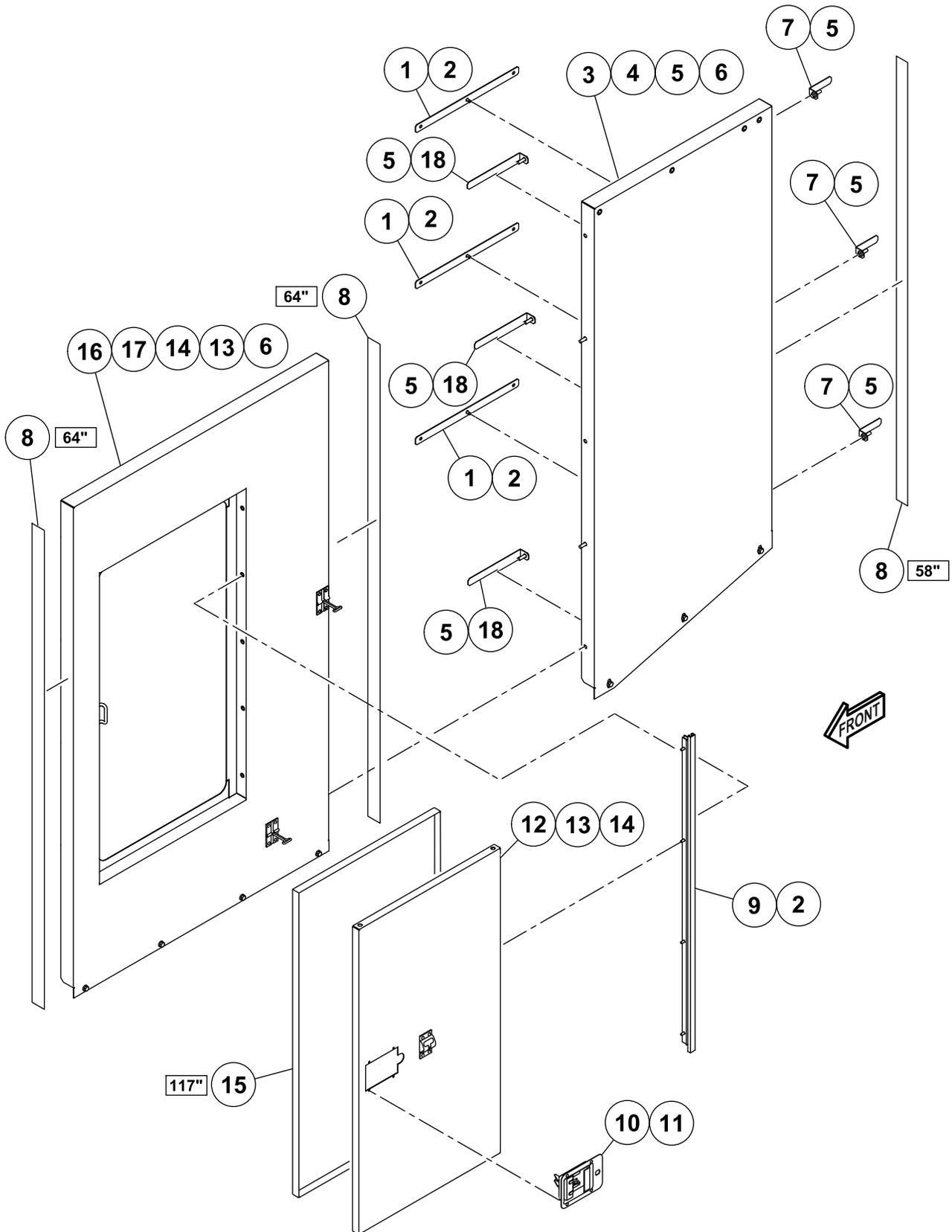
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46622960GA	Panel, Front, Curbside	1	
2	36895746	Nutsert, Hex, M08 - 1.25	30	
3	35279025	Screw, Tapping, M08 - 1.25 X 20	12	
4	36849925	Holder, Door, T-Latch, 2 - 1/2"	1	
5	36843282	Rivet, 0.19" Dia.	8	
6	46613540GA	Panel, Front, Streetside, Control	1	Standard Air
	46622968GA	Panel, Front, Streetside, Control	1	IQ/AC Option Only
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



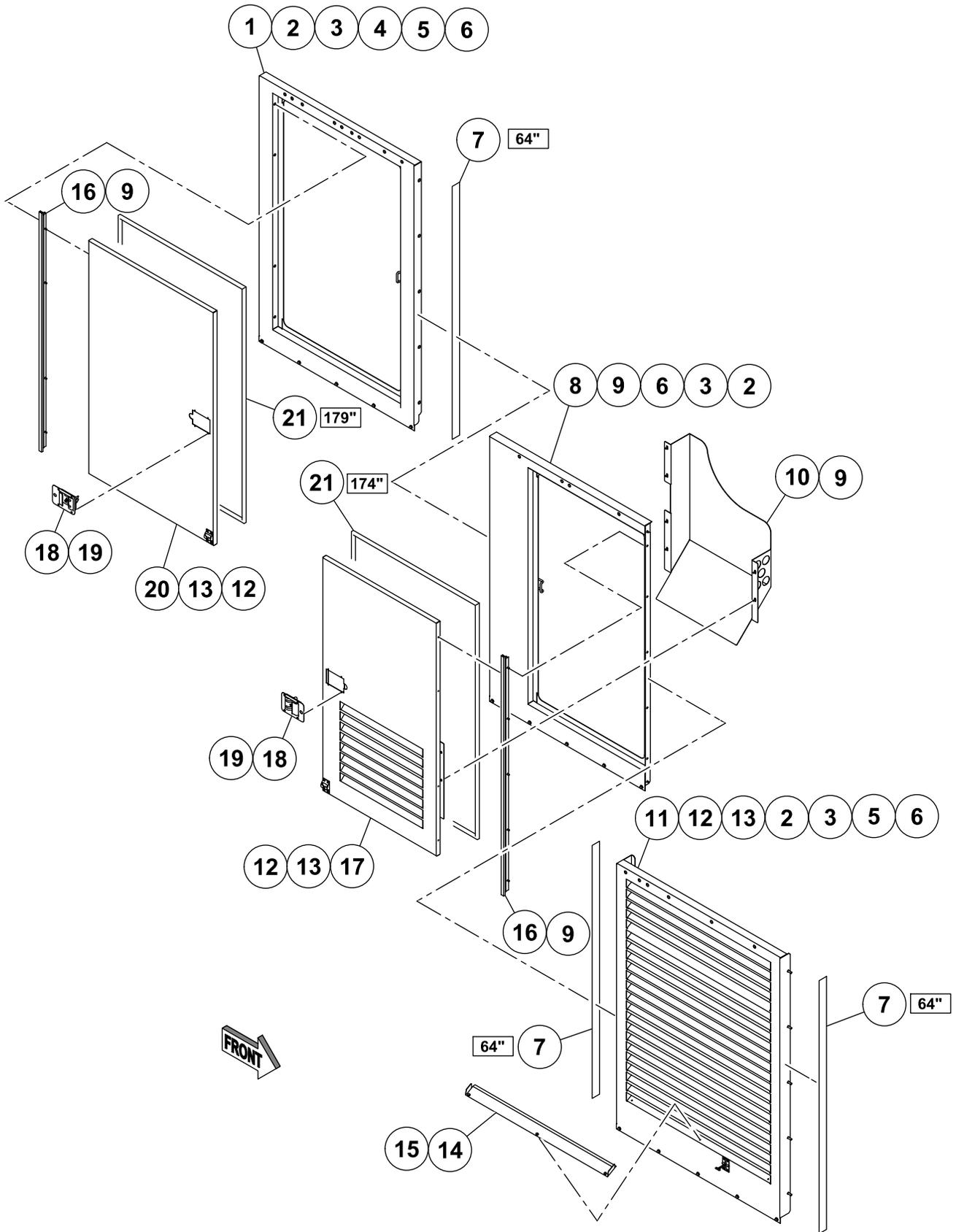
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	22617666	Seal, Rubber, 3 X 10 mm	192	Measured in Inches
2	46556378GA	Frame, Door Streetside Rear	1	
3	36895746	Nutsert, Hex, M08 - 1.25	30	
4	36889608	Screw, Flange, M08 - 1.25 X 25	15	
5	35144336	Screw, Hex, 5/16" - 18 X 75"	1	
6	36921344	Nutsert, Hex, M06 - 1.0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



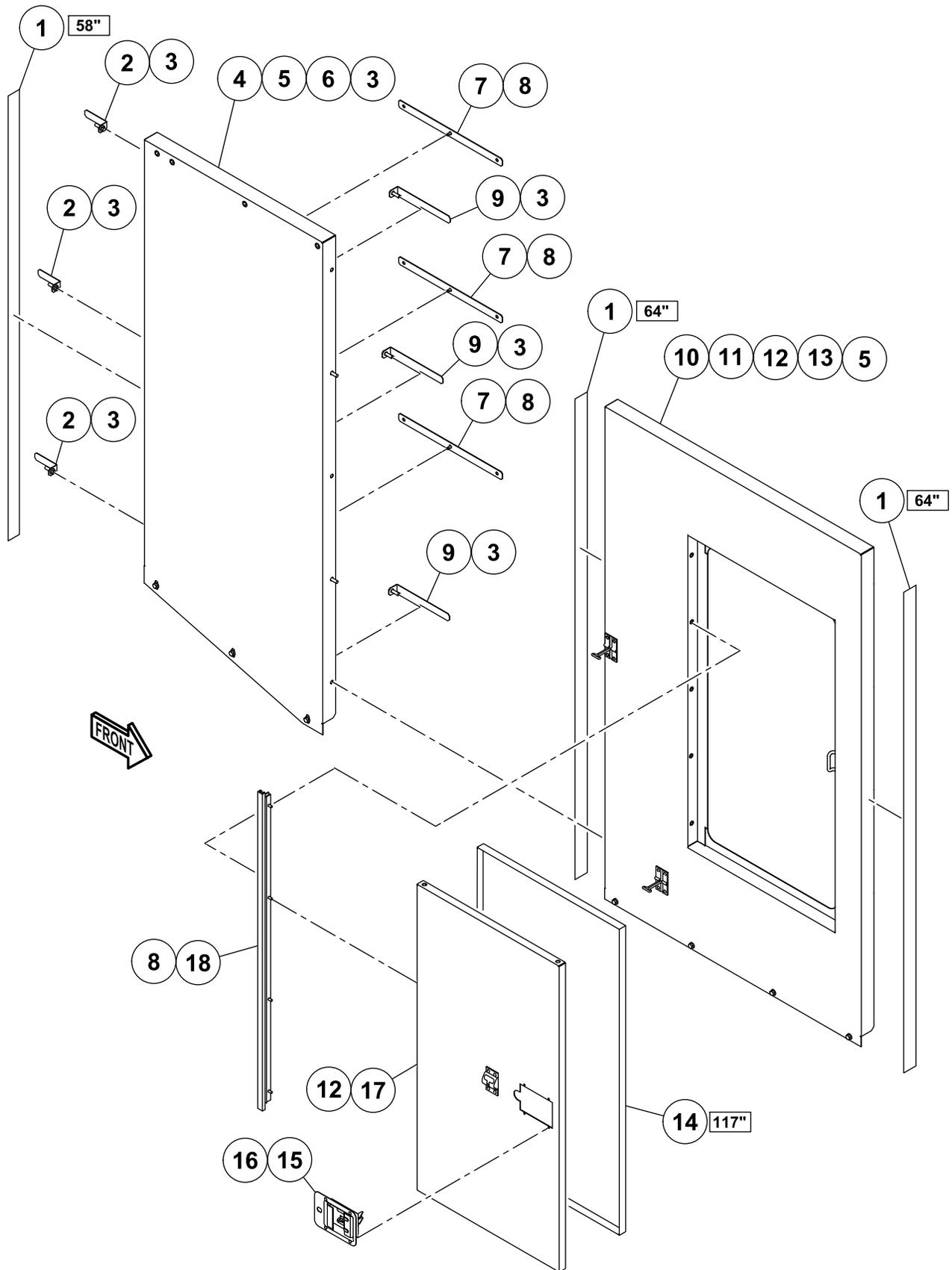
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	54718184	Strap, Foam Retention	3	
2	92368687	Screw, Tapping, M06 - 1.0 X 14	15	
3	46556397GA	Panel, Rear, Tandem, Streetside	1	
4	36895746	Nutsert, Hex, M08 - 1.25	18	
5	36889608	Screw, Flange, M08 - 1.25 X 25	18	
6	35144336	Screw, Hex, 5/16" - 18 X 75"	7	
7	46595139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



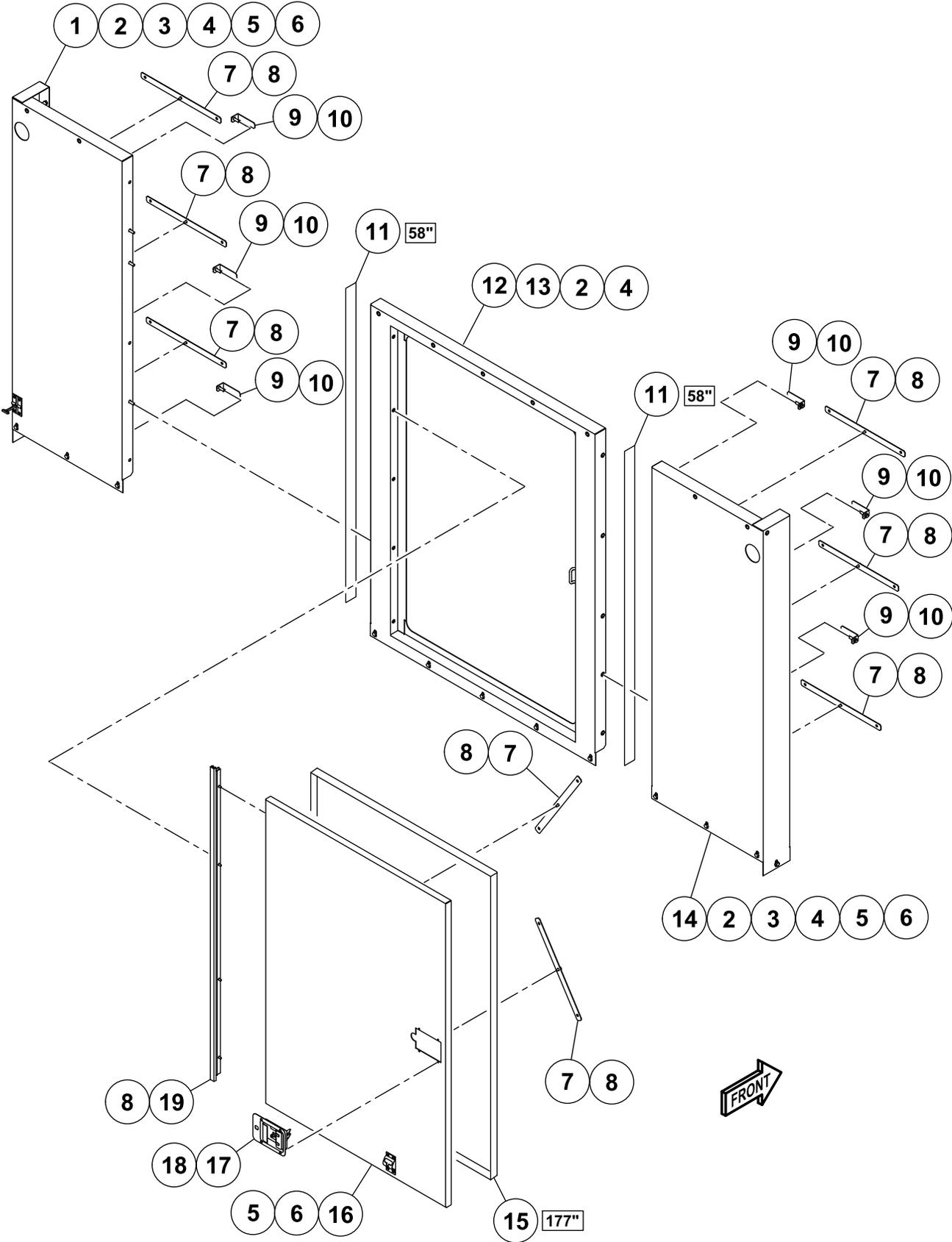
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46622963GA	Frame, Door Side	1	
2	36895746	Nutsert, Hex, M08 - 1.25	25	
3	36889608	Screw, Flange, M08 - 1.25 X 25	15	
4	35144336	Screw, Hex, 5/16" - 18 X 75"	1	
5	36921344	Nutsert, Hex, M06 - 1.0	15	
6	35279025	Screw, Tapping, M08 - 1.25 X 20	24	
7	22617666	Seal,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

Enclosure, Tandem, Curbside, Rear



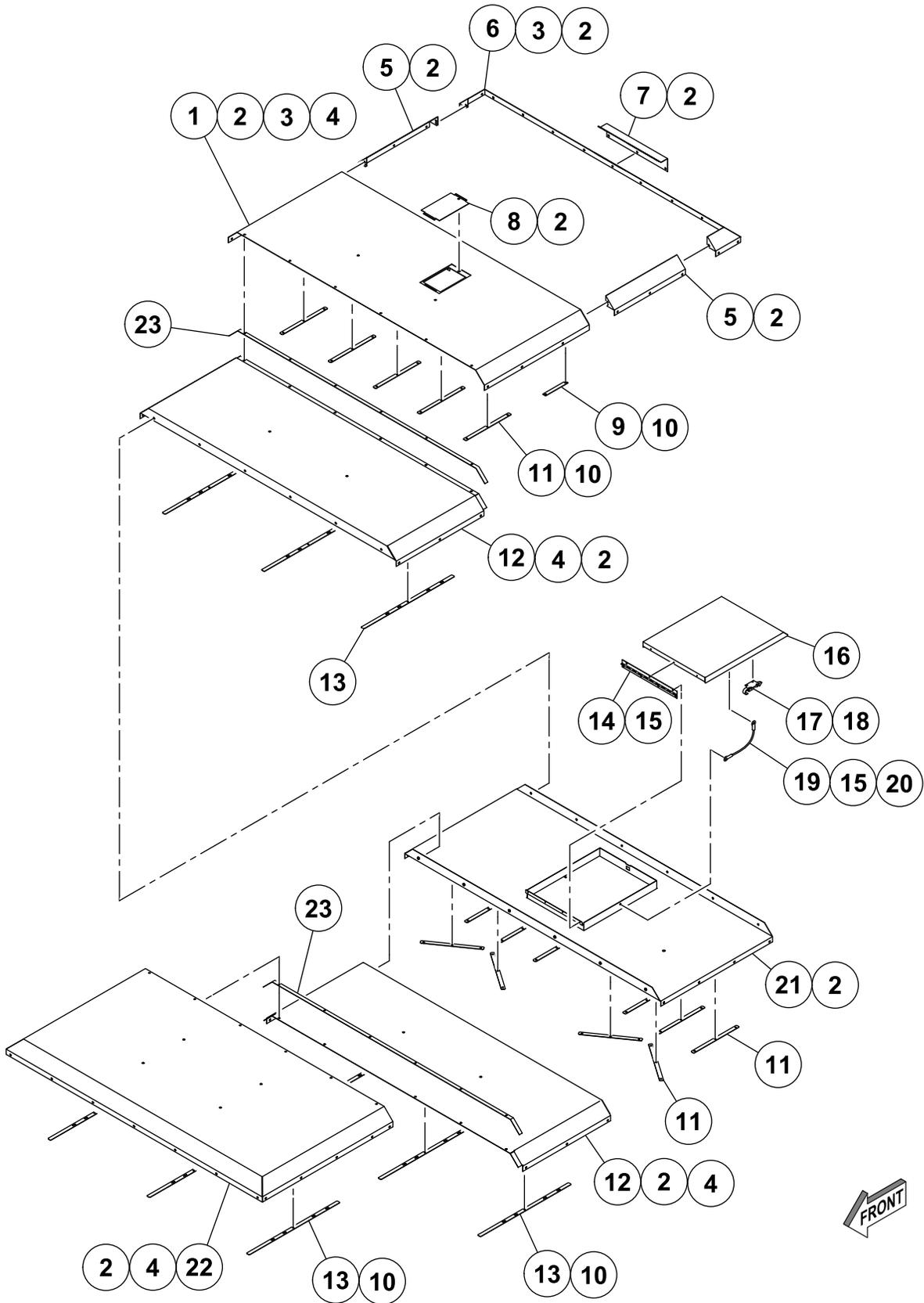
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	22617666	Seal, Rubber, 3 X 10 mm	186	Measured in Inches
2	46595139	Strap, Fiberglass Panel Retention, Short, 2"	3	
3	36889608	Screw, Flange, M08 - 1.25 X 25	18	
4	46556398GA	Panel, Rear, Tandem, Curbside	1	
5	36895746	Nutsert, Hex, M08 - 1.25	18	
6	35144336	Screw,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



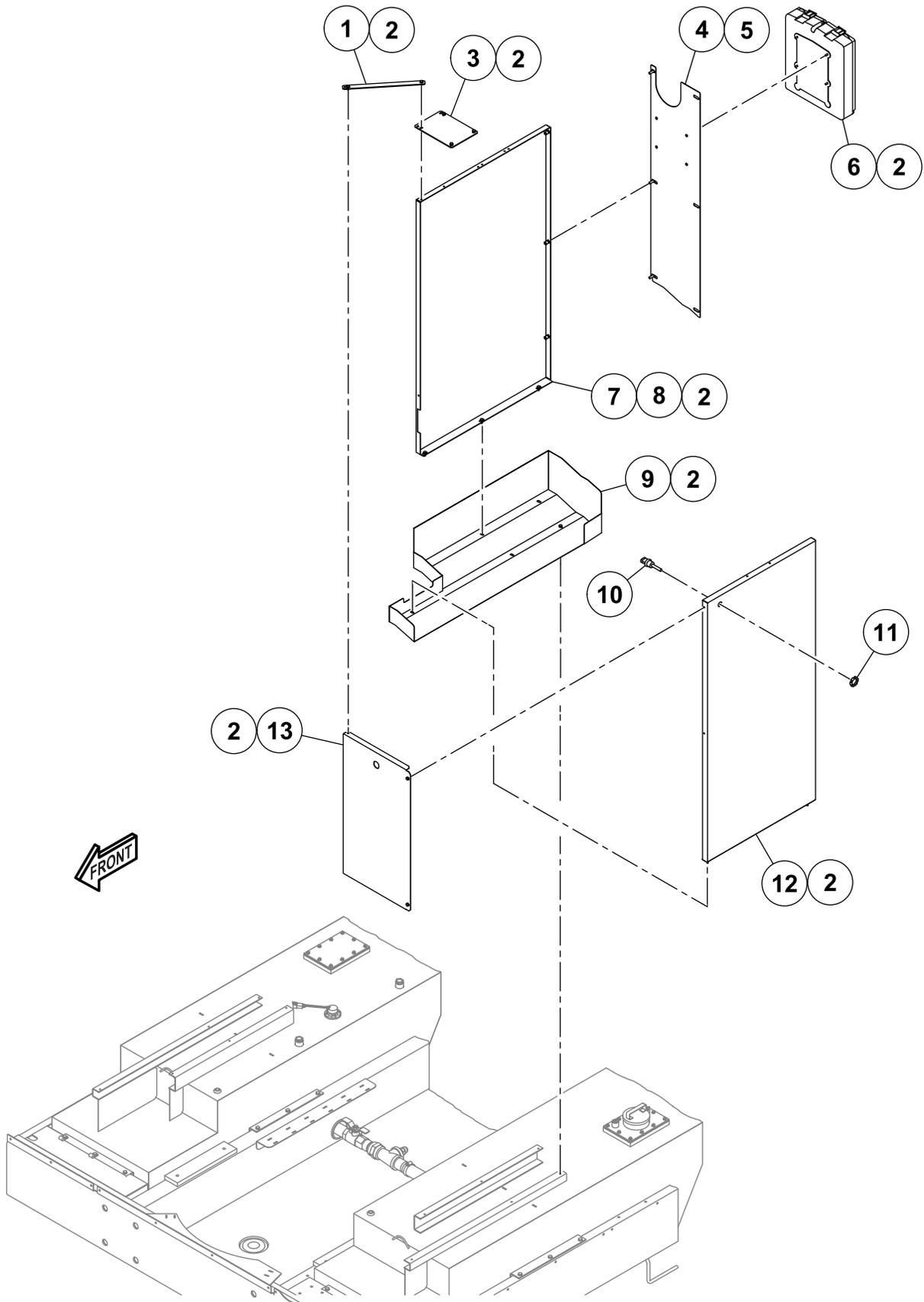
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46556382GA	Panel, Rear Corner, Tandem, Streetside	1	
2	36895746	Nutsert, Hex, M08 - 1.25	33	
3	35144336	Screw, Flange, 5/16" - 18 X 75	2	
4	35279025	Screw, Tapping, M08 - 1.25 X 20	11	
5	36849925	Holder, Door, T-Latch 2.50	1	
6	36843282	Rivet, 0.19 Dia. ID	8	
7	54718184	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	Measured in Inches
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	Measured in Inches
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



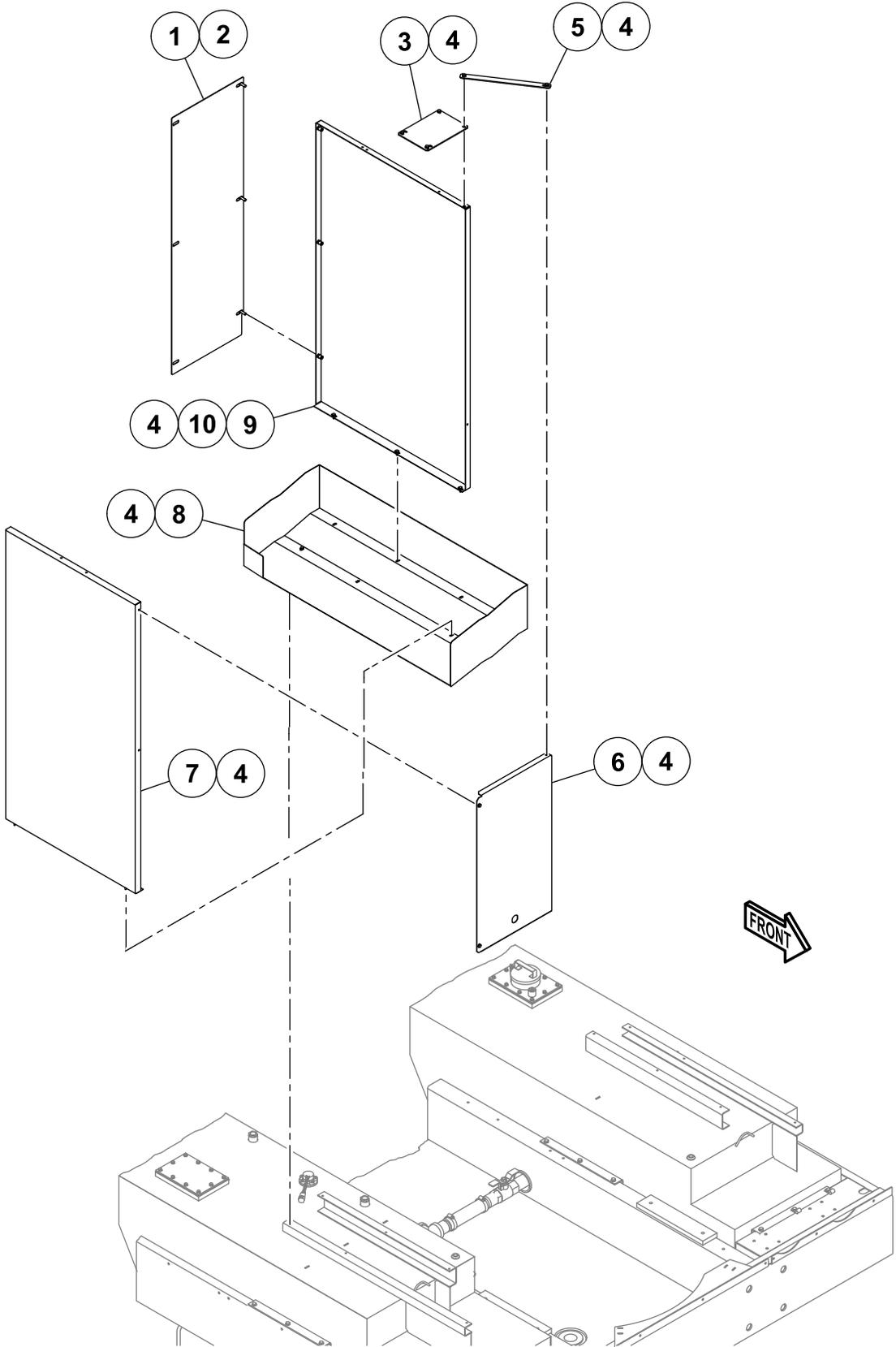
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46651000GA	Panel, Roof, Rear	1	
2	36889608	Screw, Flange, M08 - 1.25 X 25	34	
3	36895746	Nutsert, Hex, M08 - 1.25	3	
4	96702428	Screw, Hex, M10 - 1.5 X 45	10	
5	46622759GA	Rail, Roof Rear Side	2	
6	46556385GA	Rail, Roof Rear	1	
7	46556493GA	Bracket, Rear 3-light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



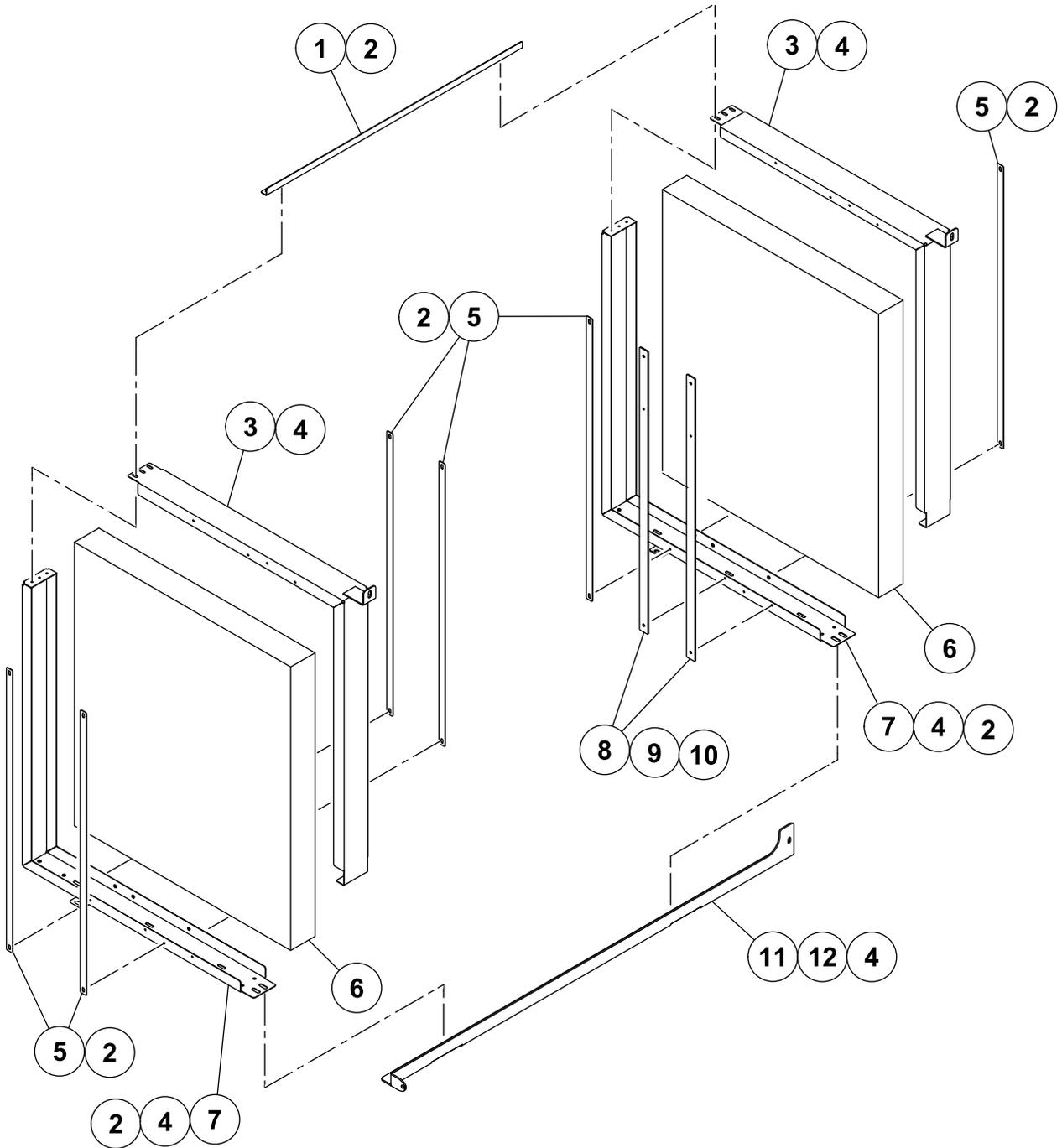
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46561060SB	Support, Front Baffle Leg	1	
2	92368687	Screw, Tapping, M06 - 1.0 X 14	17	
3	54641006SA	Support, Baffle	1	
4	46570202SB	Baffle, Drip Pan Access, Streetside	1	
5	36889608	Screw, Hex, M08 - 1.25 X 25	3	
6	22916019	Pouch, Literature	1	
7	46570201SB	Baffle,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



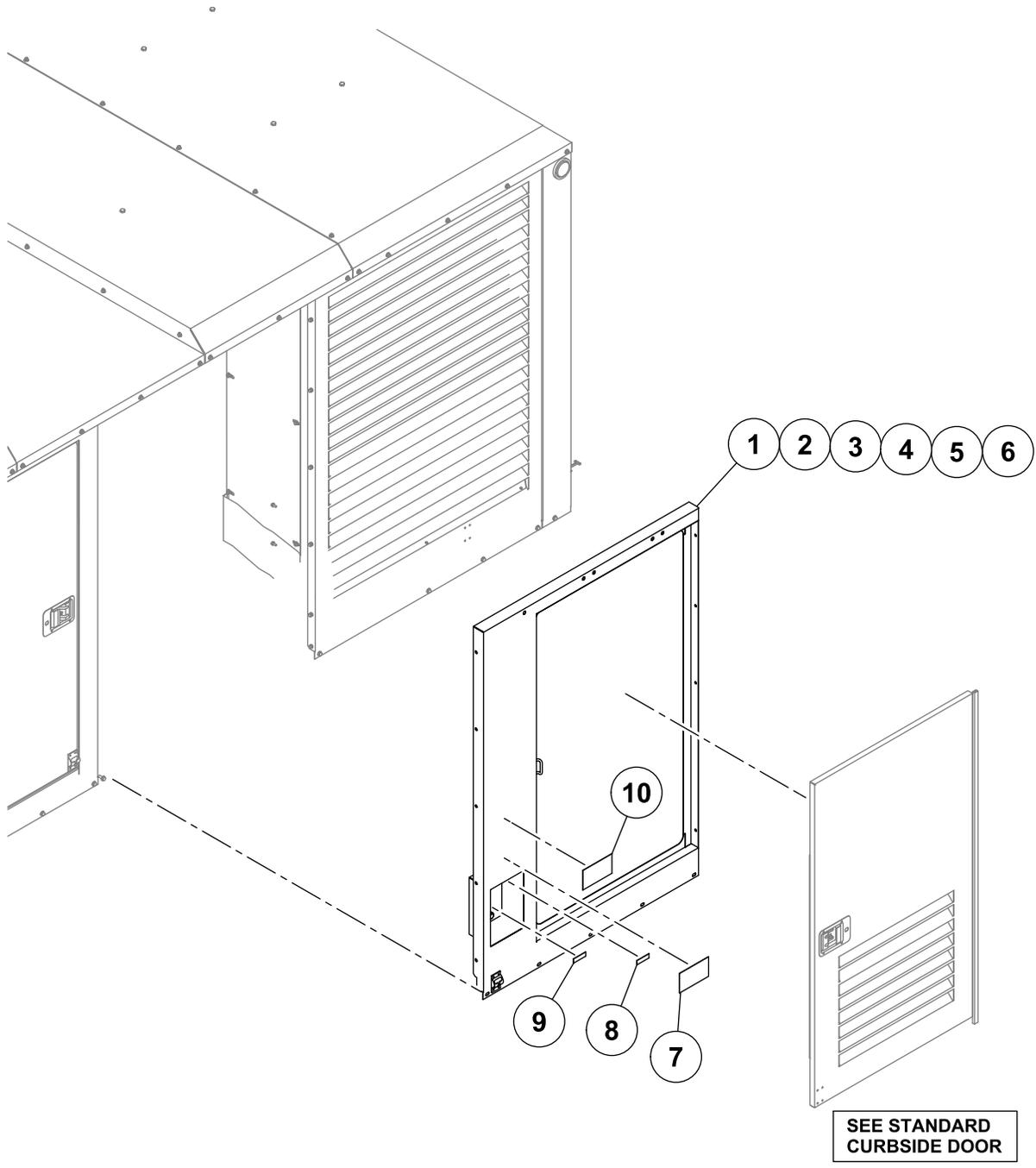
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46570200SB	Baffle, Drip Pan Access, Curbside	1	
2	36889608	Screw, Hex, M08 - 1.25 X 25	3	
3	54641006SA	Support, Baffle	1	
4	92368687	Screw, Tapping, M06 - 1.0 X 14	13	
5	46561060SB	Support, Front Baffle Leg	1	
6	46673235SB	Baffle, Front Inlet	1	
7	46567879SB	Baffle,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



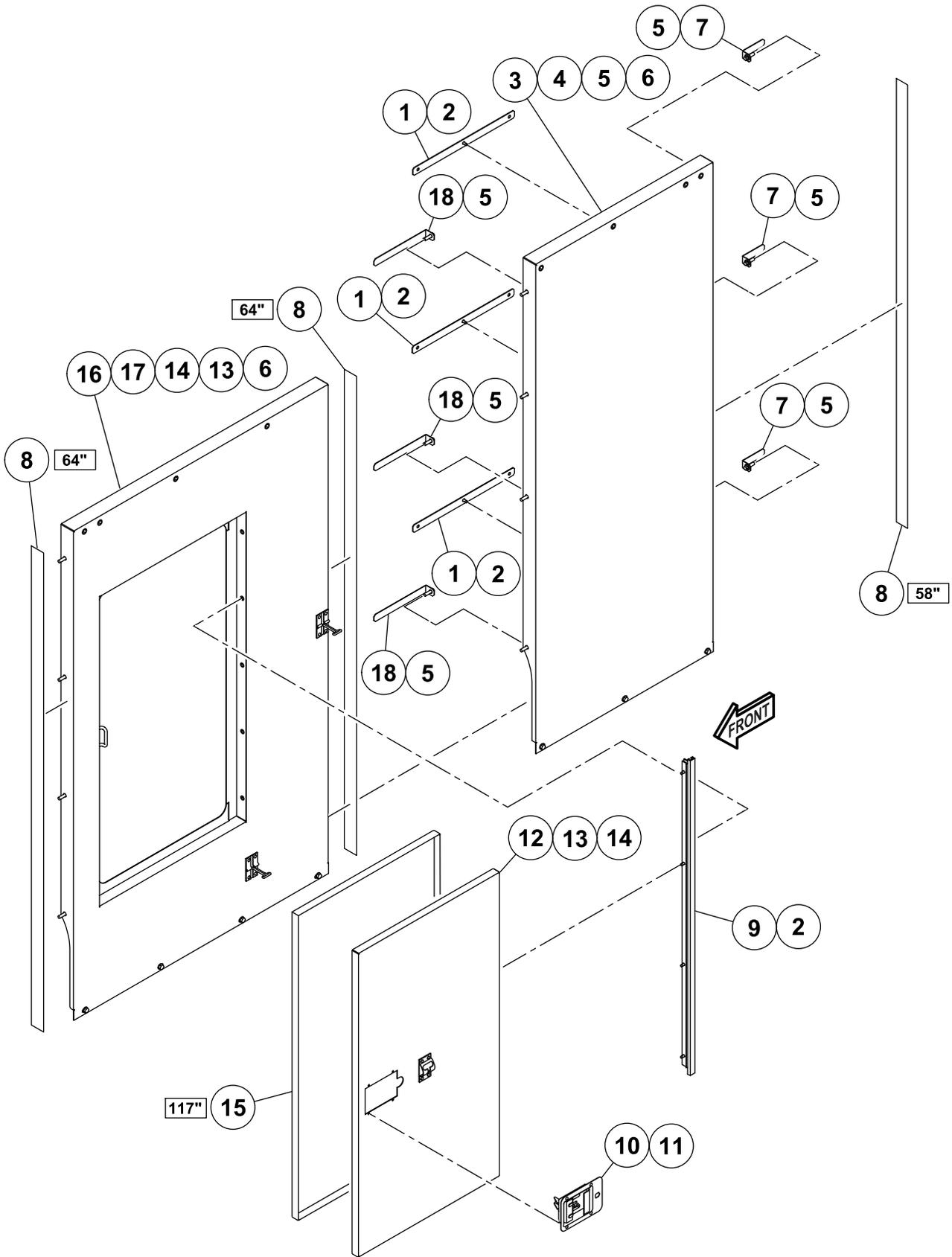
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46651321SB	Support, Baffle Angle	1	
2	36797652	Screw, Tapping, M06 - 1.0 X 12	22	
3	46649501GB	Channel, Acoustic, Top Splitter, 4"	2	
4	36889608	Screw, Hex, M08 - 1.25 X 25	8	
5	46598639	Strap, Exhaust Plenum Baffle	6	
6	46645679	Fiberglass, Acoustic Splitter, 4"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



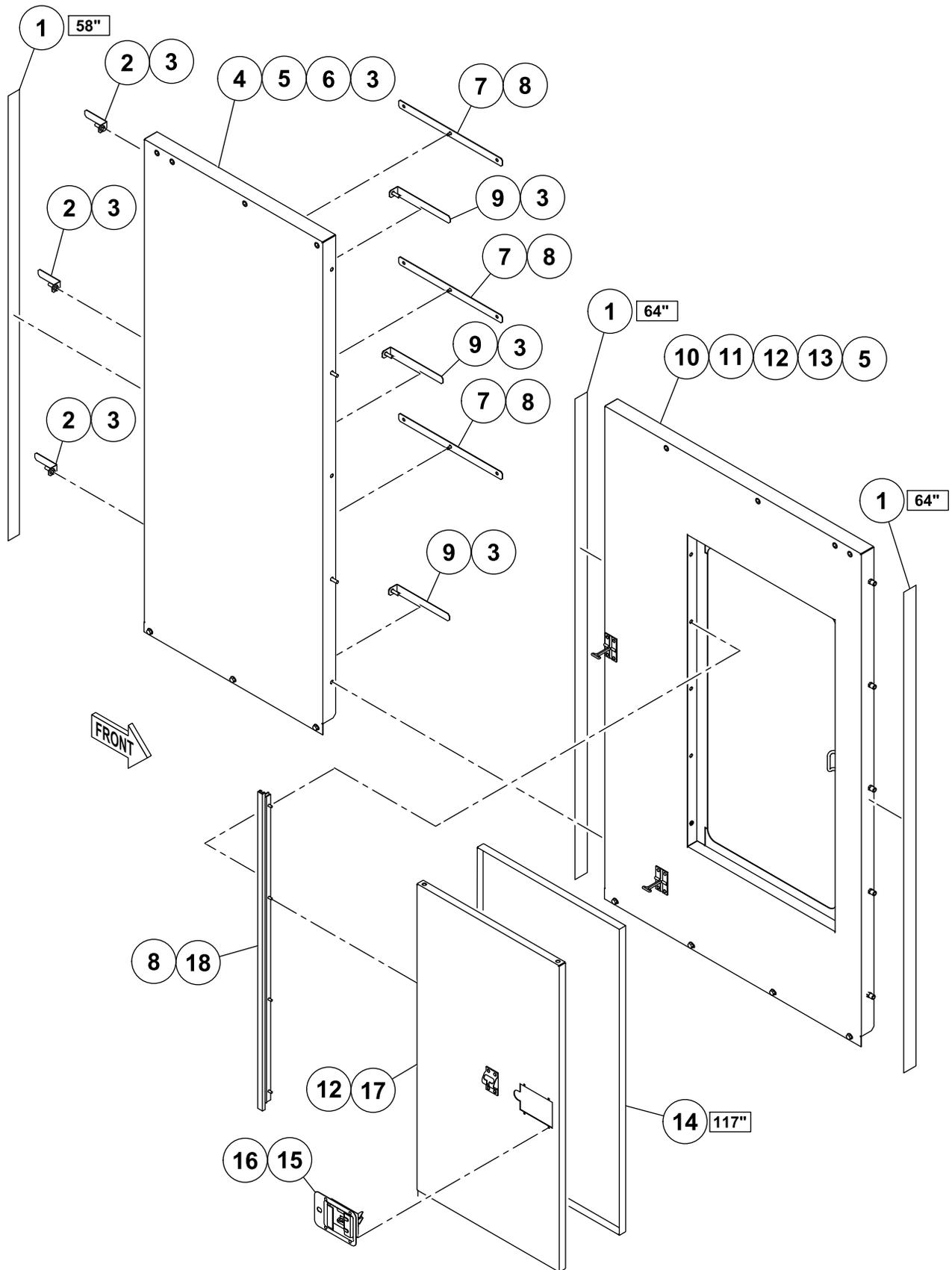
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46622969GA	Frame, Front Remote Fuel Door, Curbside	1	
2	96727193	Screw, Hex, M08 - 1.25 X 20	5	
3	35279025	Screw, Tapping, M08 - 1.25 X 20	5	
4	36921344	Nutsert, Hex, M06 - 1.0	5	
5	36849925	Holder, Door, T-Latch 2 - 1/2"	1	
6	36843282	Rivet, 3/16" Dia., ID	8	
7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



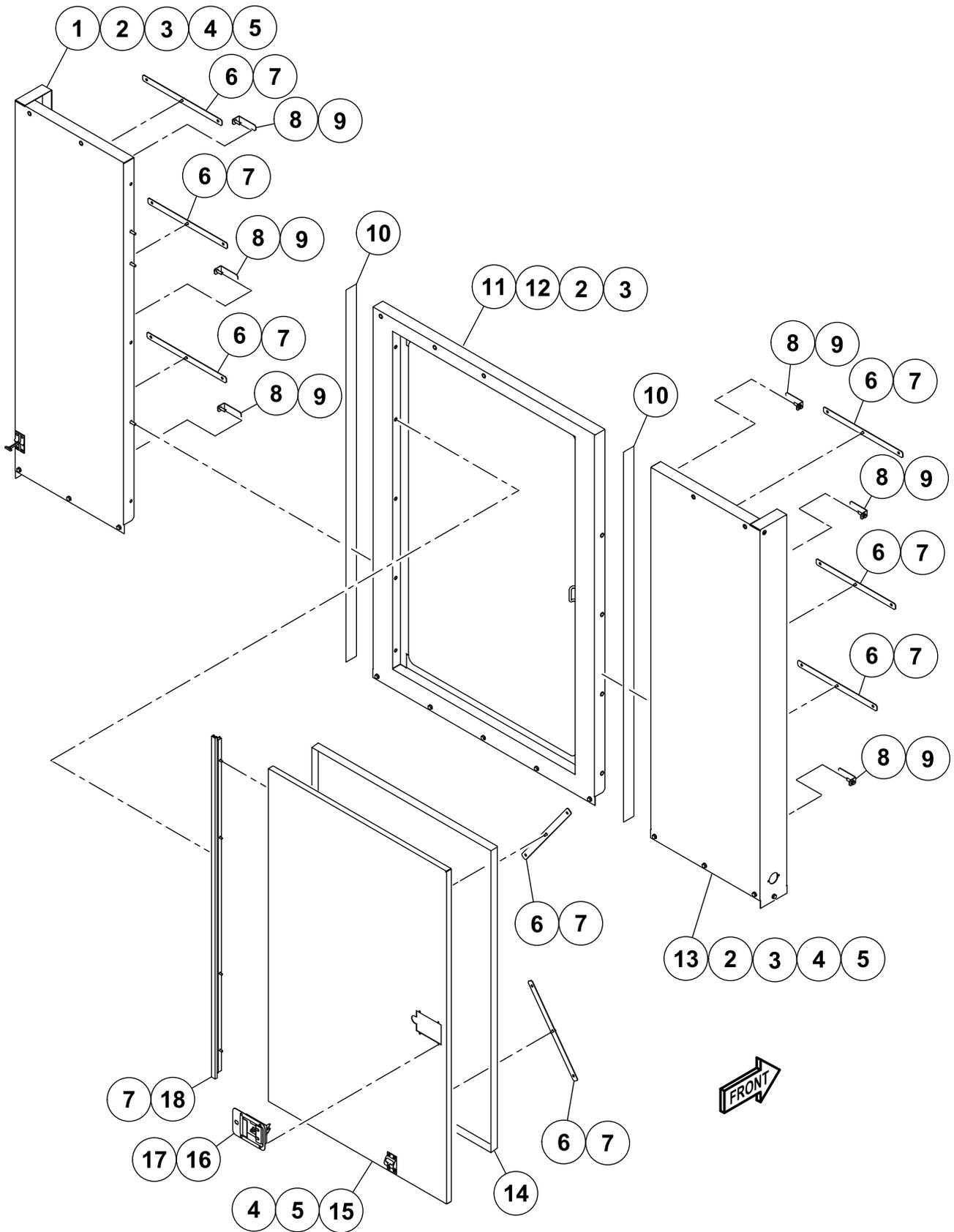
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	54718184	Strap, Foam Retention	3	
2	92368687	Screw, Tapping, M06 - 1.0 X 14	15	
3	46588919GA	Panel, Rear, Streetside	1	
4	36895746	Nutsert, Hex, M08 - 1.25	18	
5	36889608	Screw, Flange, M08 - 1.25 X 25	18	
6	35144336	Screw, Hex, 5/16" - 18 X 75"	7	
7	46595139	Strap,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



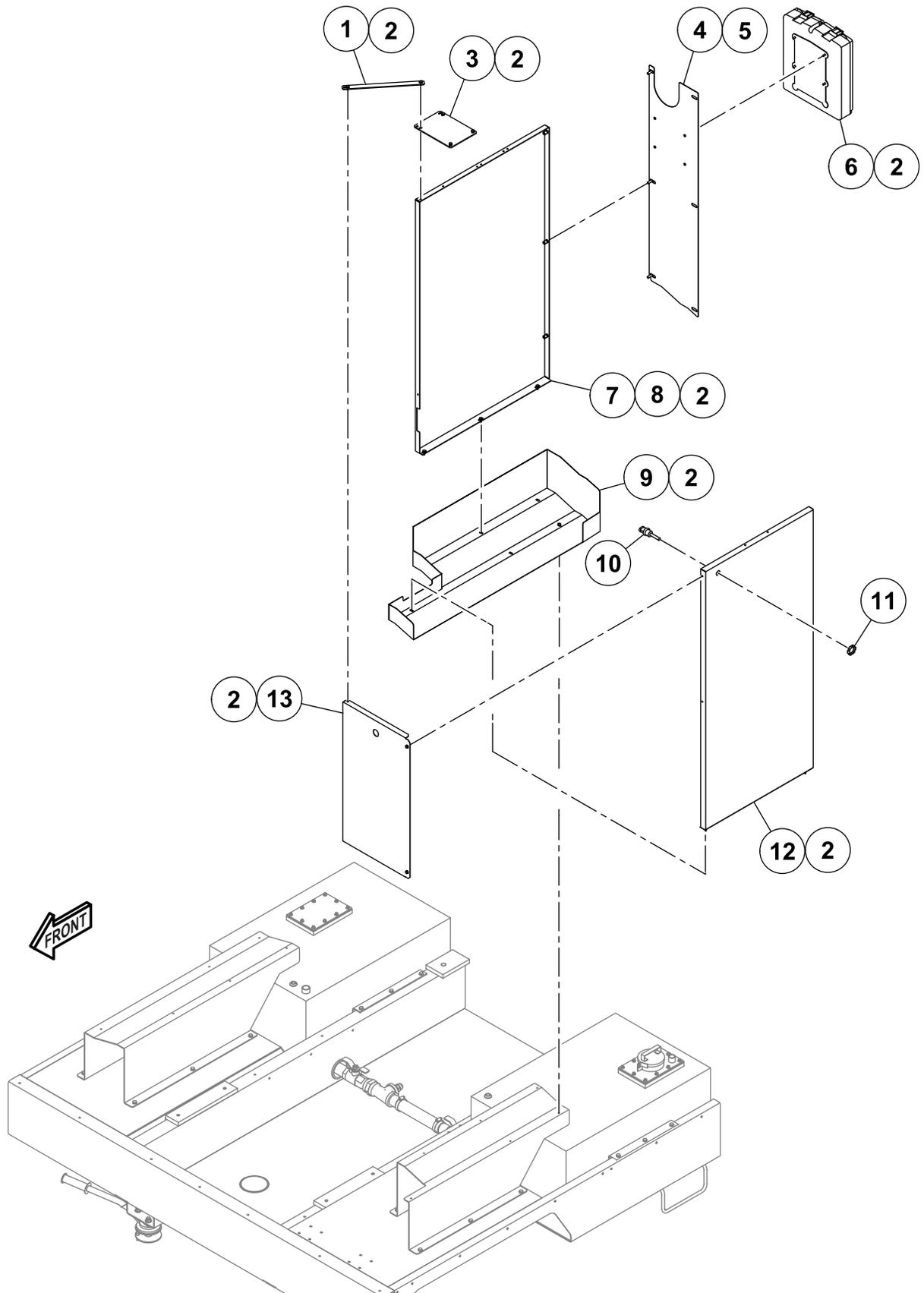
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	22617666	Seal, Rubber, 3 X 10 mm	186	Measured in Inches
2	46595139	Strap, Fiberglass Panel Retention, Short, 2"	3	
3	36889608	Screw, Flange, M08 - 1.25 X 25	18	
4	46562044GA	Panel, Rear, Curbside	1	
5	36895746	Nutsert, Hex, M08 - 1.25	18	
6	35144336	Screw, Hex, 5/16"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



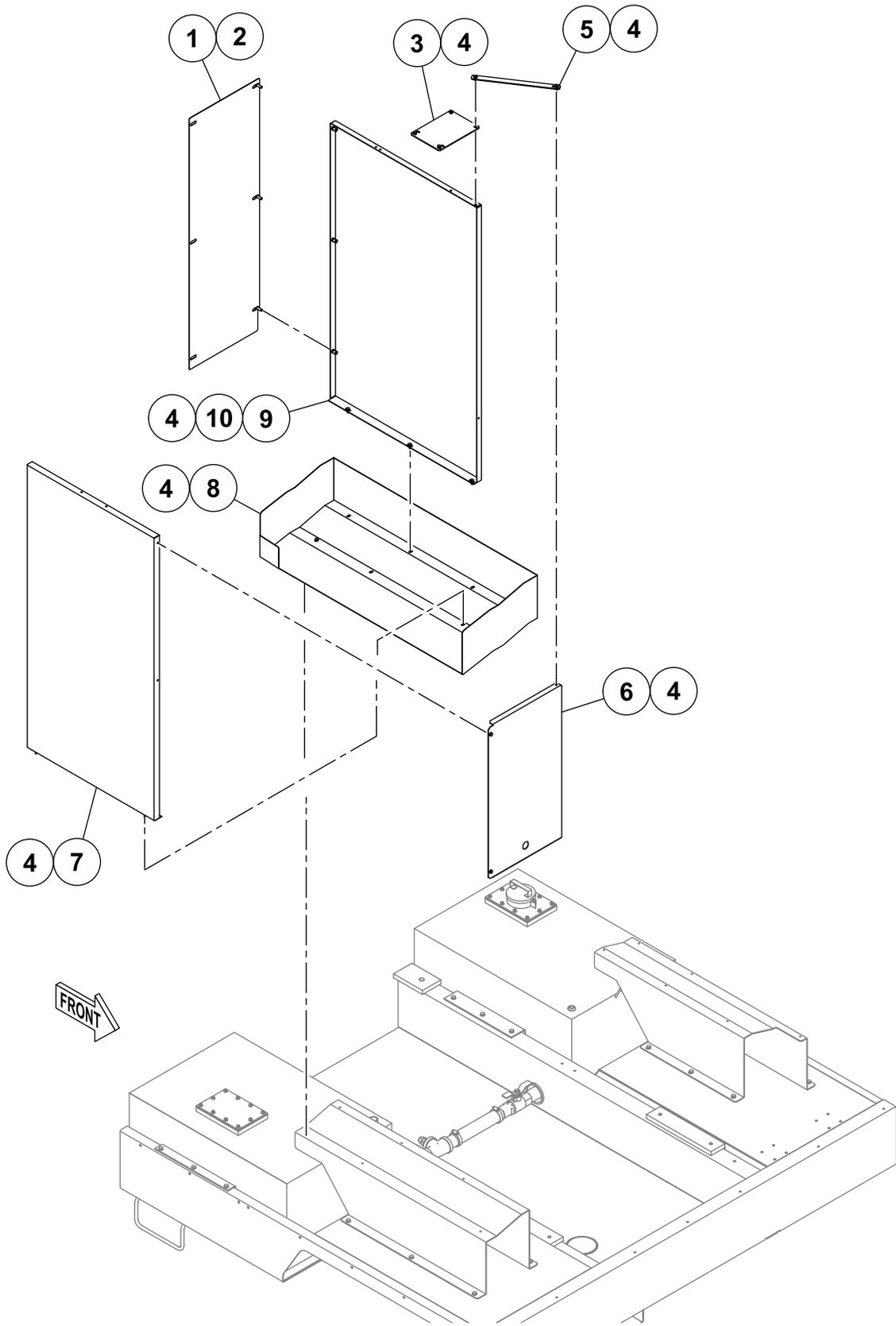
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46562054GA	Panel, Rear Corner, Streetside	1	
2	36895746	Nutsert, Hex, M08 - 1.25	33	
3	35279025	Screw, Tapping, M08 - 1.25 X 20	13	
4	36849925	Holder, Door, T-Latch 2.50	1	
5	36843282	Rivet, 0.19 Dia. ID	8	
6	54718184	Strap, Foam Retention	8	
7	92368687	Screw, Tapping,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



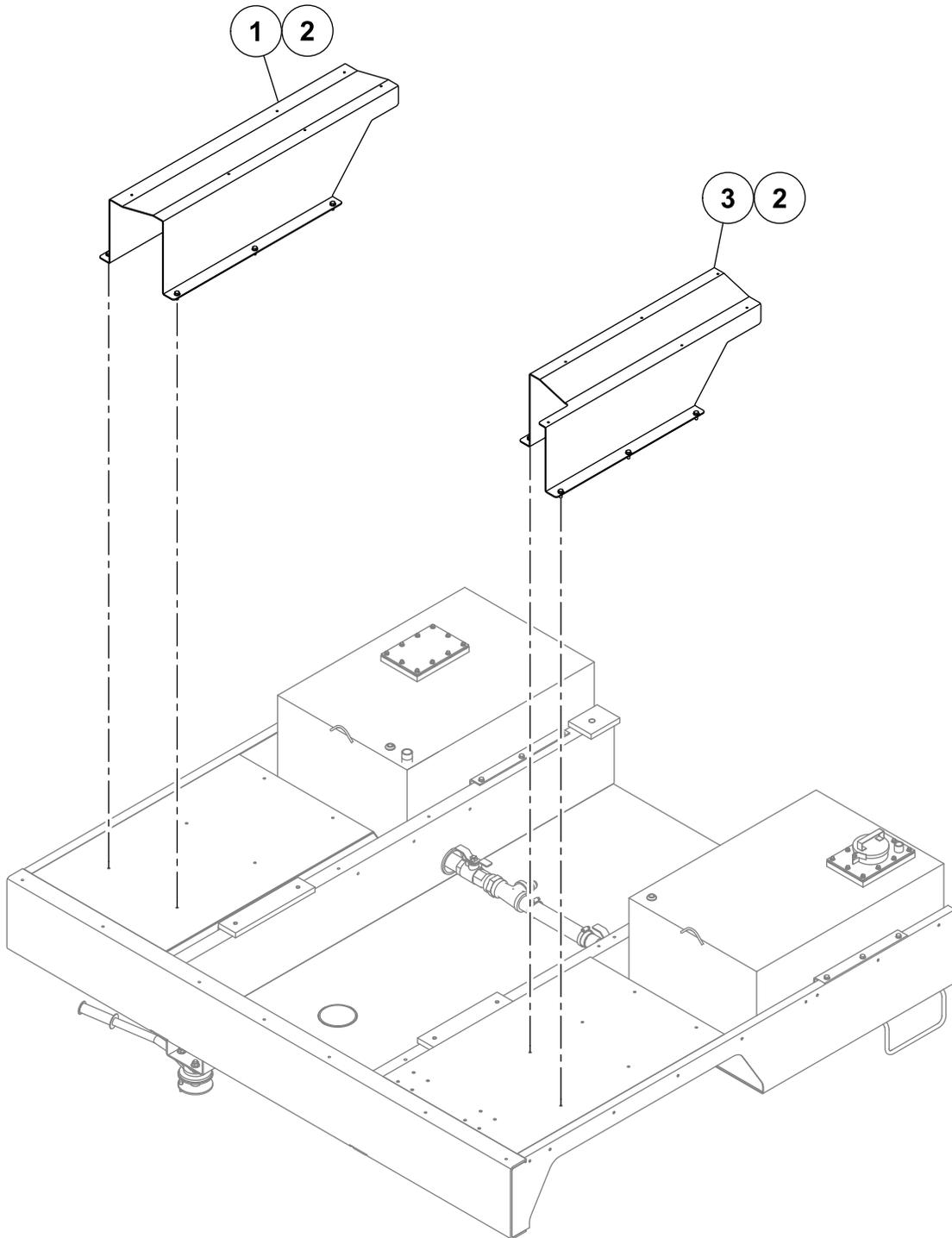
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46561060SB	Support, Front Baffle Leg	1	
2	92368687	Screw, Tapping, M06 - 1.0 X 14	17	
3	54641006SA	Support, Baffle	1	
4	46570202SB	Baffle, Drip Pan Access, Streetside	1	
5	36889608	Screw, Hex, M08 - 1.25 X 25	3	
6	22916019	Pouch, Literature	1	
7	46570201SB	Baffle,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



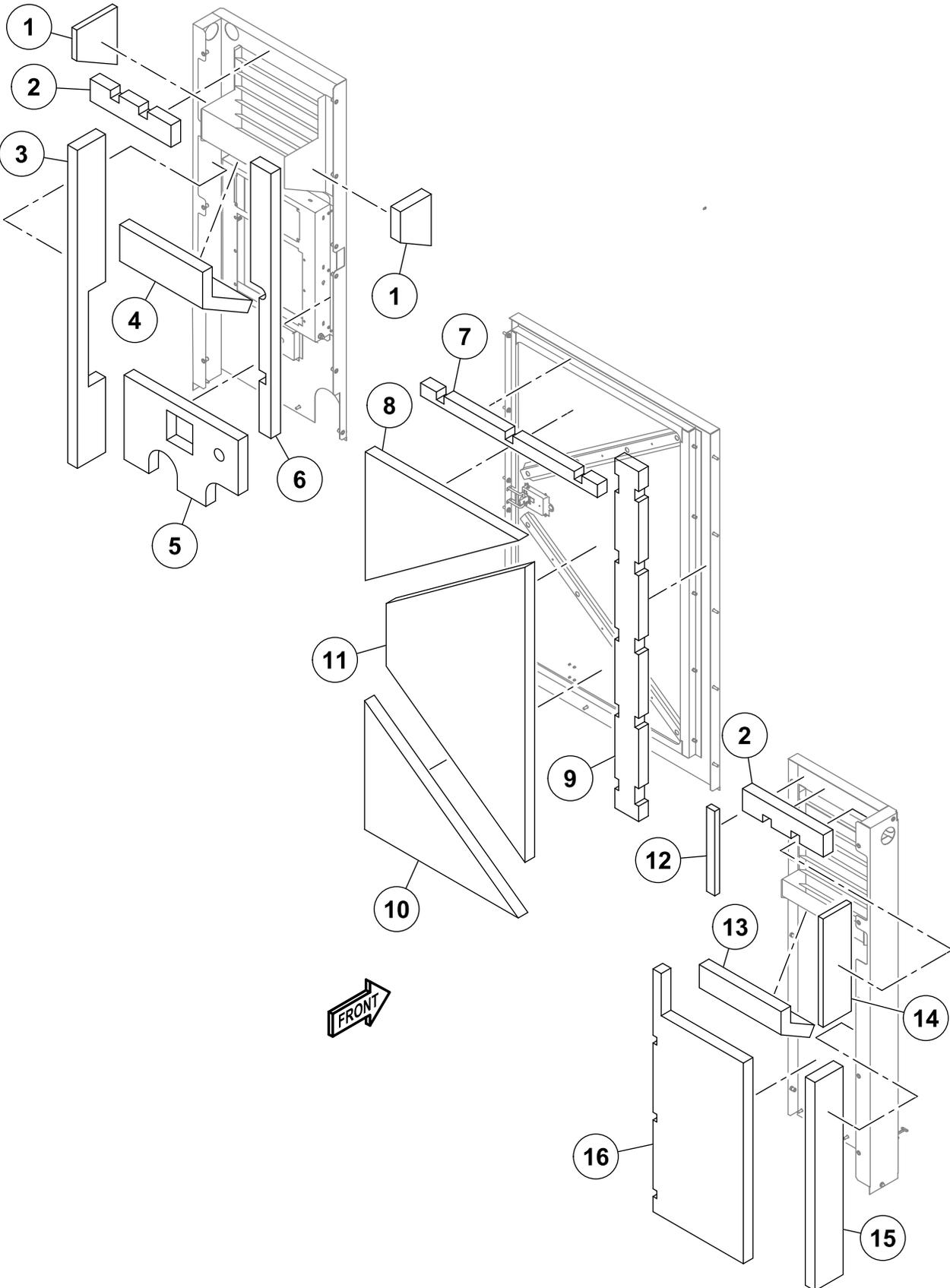
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46570200SB	Baffle, Drip Pan Access, Curbside	1	
2	36889608	Screw, Hex, M08 - 1.25 X 25	3	
3	54641006SA	Support, Baffle	1	
4	92368687	Screw, Tapping, M06 - 1.0 X 14	13	
5	46561060SB	Support, Front Baffle Leg	1	
6	46673235SB	Baffle, Front Inlet	1	
7	46567879SB	Baffle,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



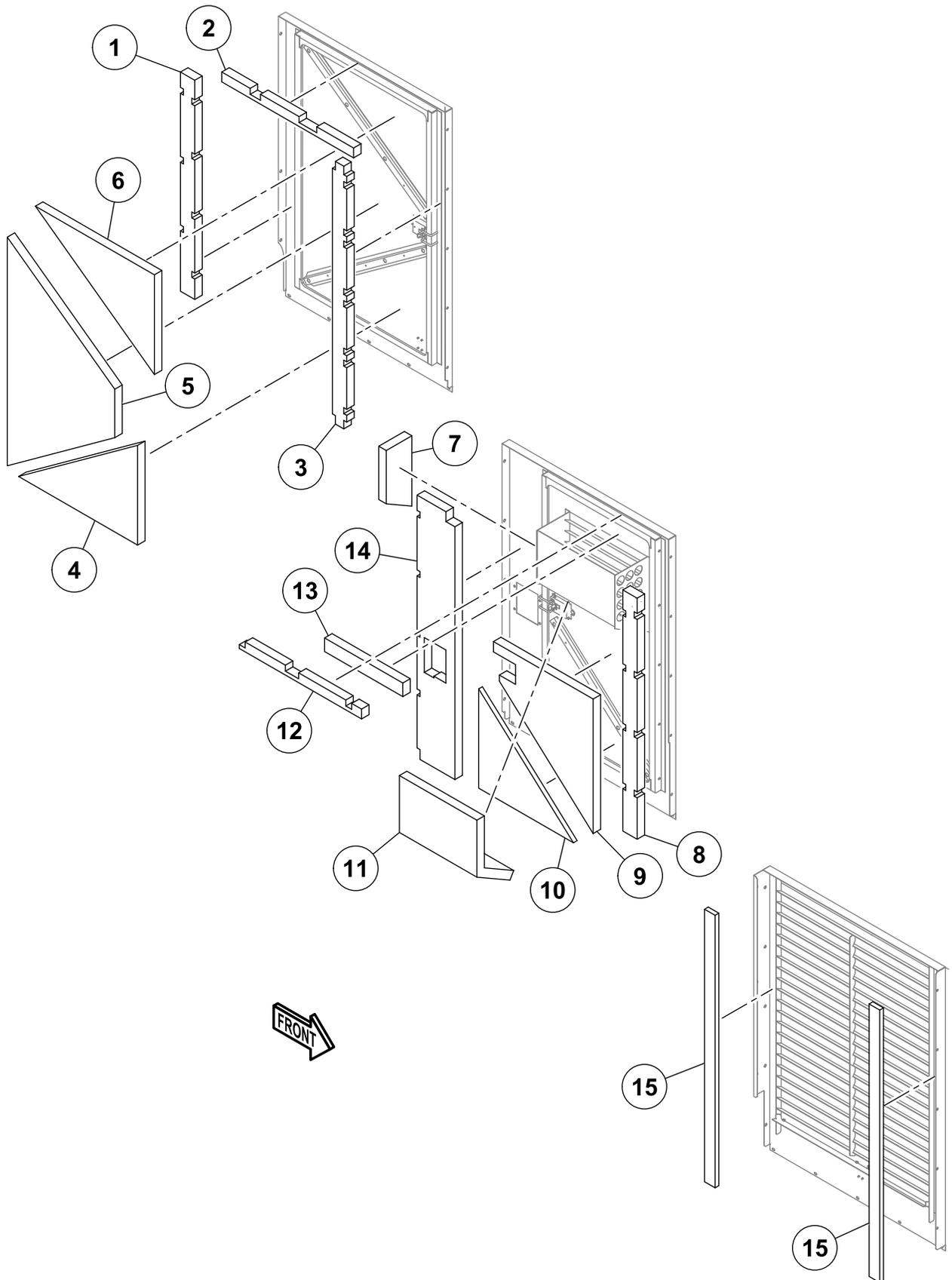
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46652479SA	Base, Drip Pan, Curbside	1	
2	35279025	Screw, Hex, M08 - 1.25 X 20	12	
3	46652480SA	Base, Drip Pan, Streetside	1	

Acoustic Panels, Front



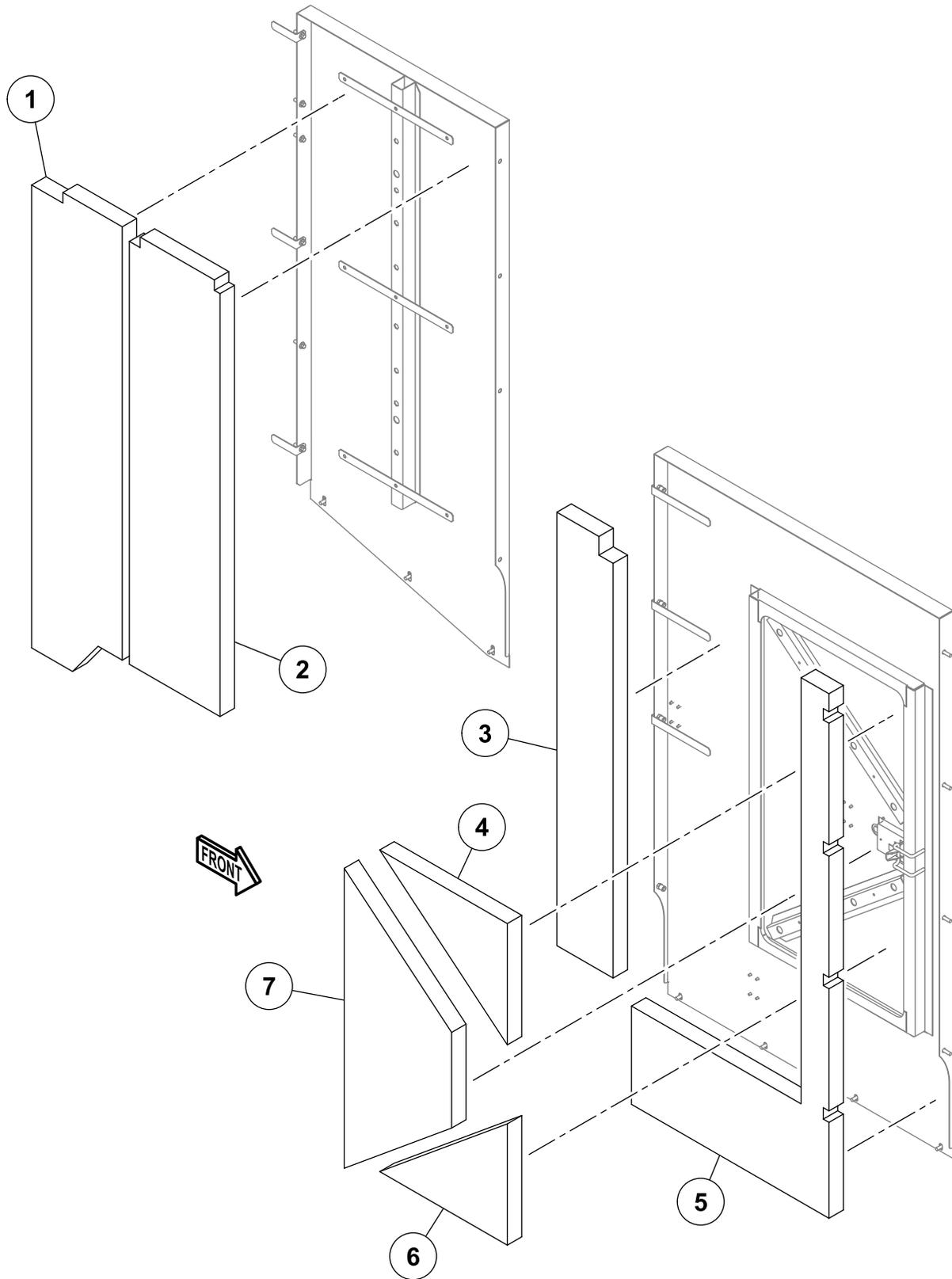
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46576463	Panel, Front Corner Louver Box Side Outer Acoustic SS	1	
2	46576459	Panel, Front Corner Top Acoustic	2	
3	46576480	Panel, Front Corner Acoustic SS	1	
4	46576461	Panel, Front Corner Louver Box Rear Acoustic SS	1	
5	46576479	Panel, Front Corner Lower Acoustic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



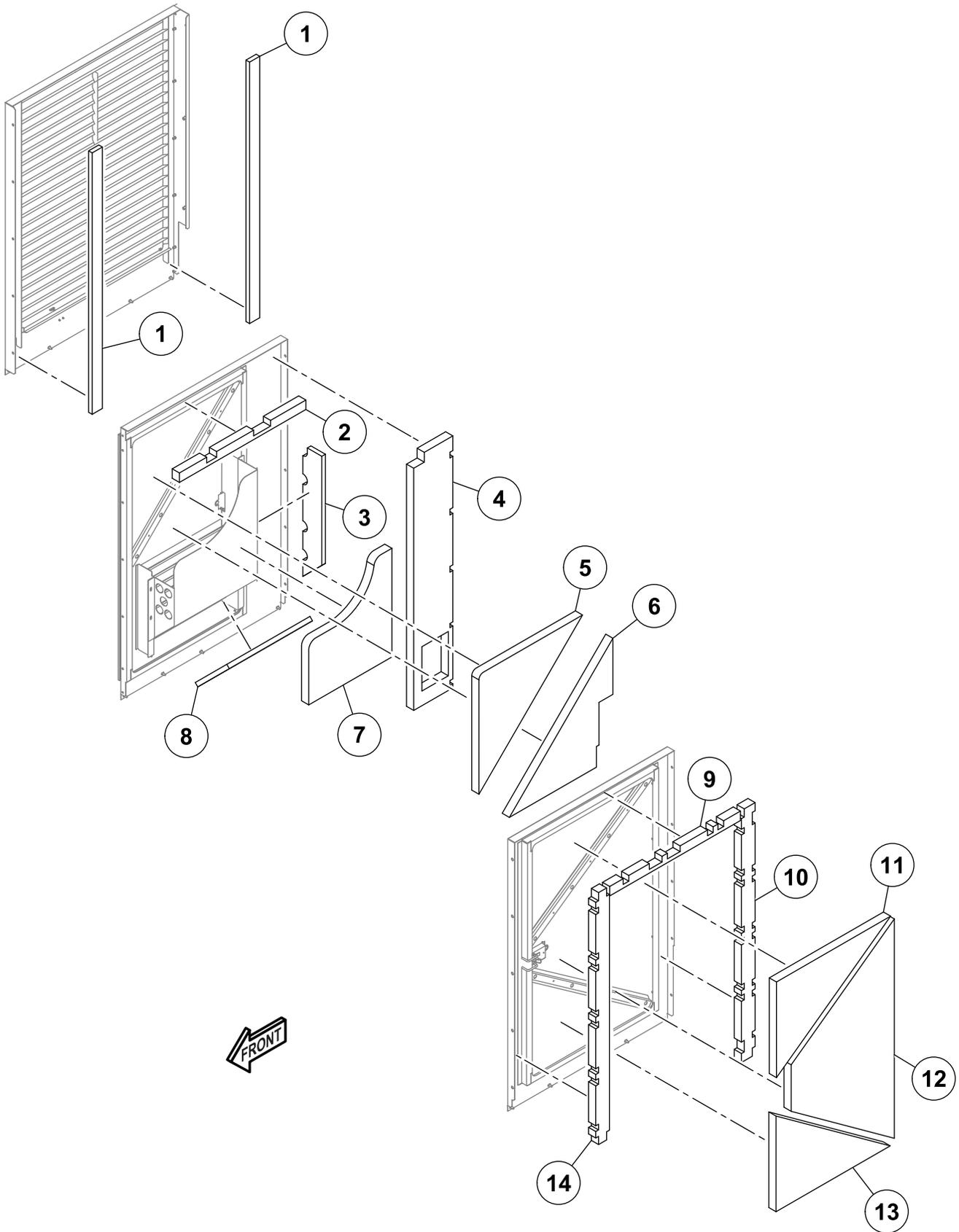
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46574421	Panel, Acoustic Rear Door Frame SS 2"	1	
2	46574422	Panel, Acoustic Top Rear Door Frame SS 2"	1	
3	46574427	Panel, Acoustic Rear and Front Door Frame Side SS 2"	1	
4	46574426	Panel, Acoustic Door Bottom 2"	1	
5	46574425	Panel, Acoustic Mid Door 2"	1	
6	46574424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



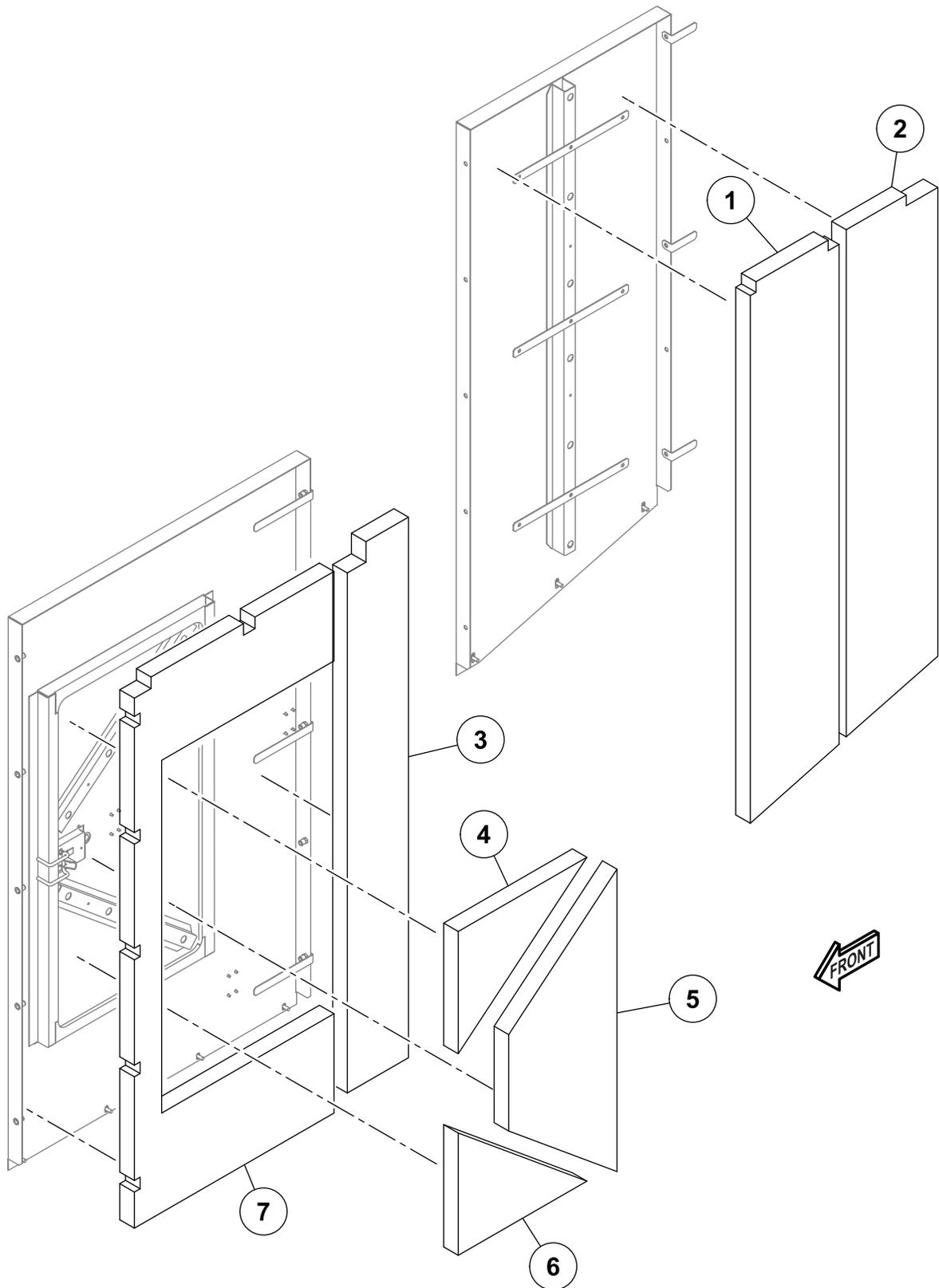
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46595023	Panel, Fiberglass, Exhaust Plenum Aft SS	1	
2	46595022	Panel, Fiberglass, Exhaust Plenum Fwd SS	1	
3	46595024	Panel, Cooler Access Panel Aft Acoustic SS	1	
4	46574501	Panel, Acoustic Cooler Side Access Door 2"	1	
5	46651748	Panel, Door Frm Cooler Access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



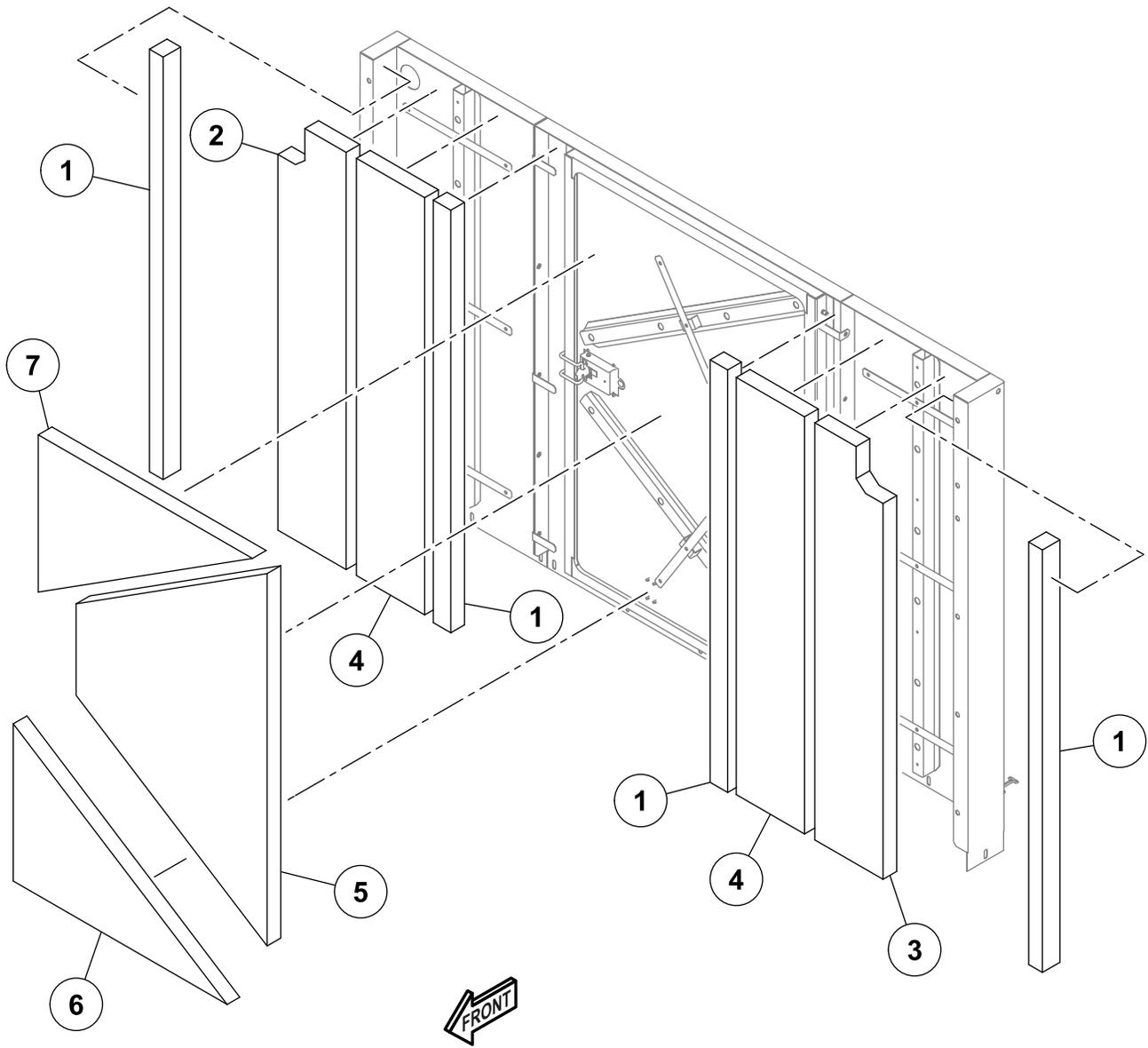
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46574449	Panel, Acoustic Louver Side SS 1"	2	
2	46574422	Panel, Acoustic Top Rear Door Frame SS 2"	1	
3	46663164	Foam, Acoustic, Louver Box Side, 1"	1	
4	46579823	Panel, Acoustic, Side Door Frame Remote Fuel, 2"	1	
5	46663177	Panel, Acoustic, Door Top, 2"	1	
6	46663178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

Acoustic Panels, Tandem, Curbside, Rear



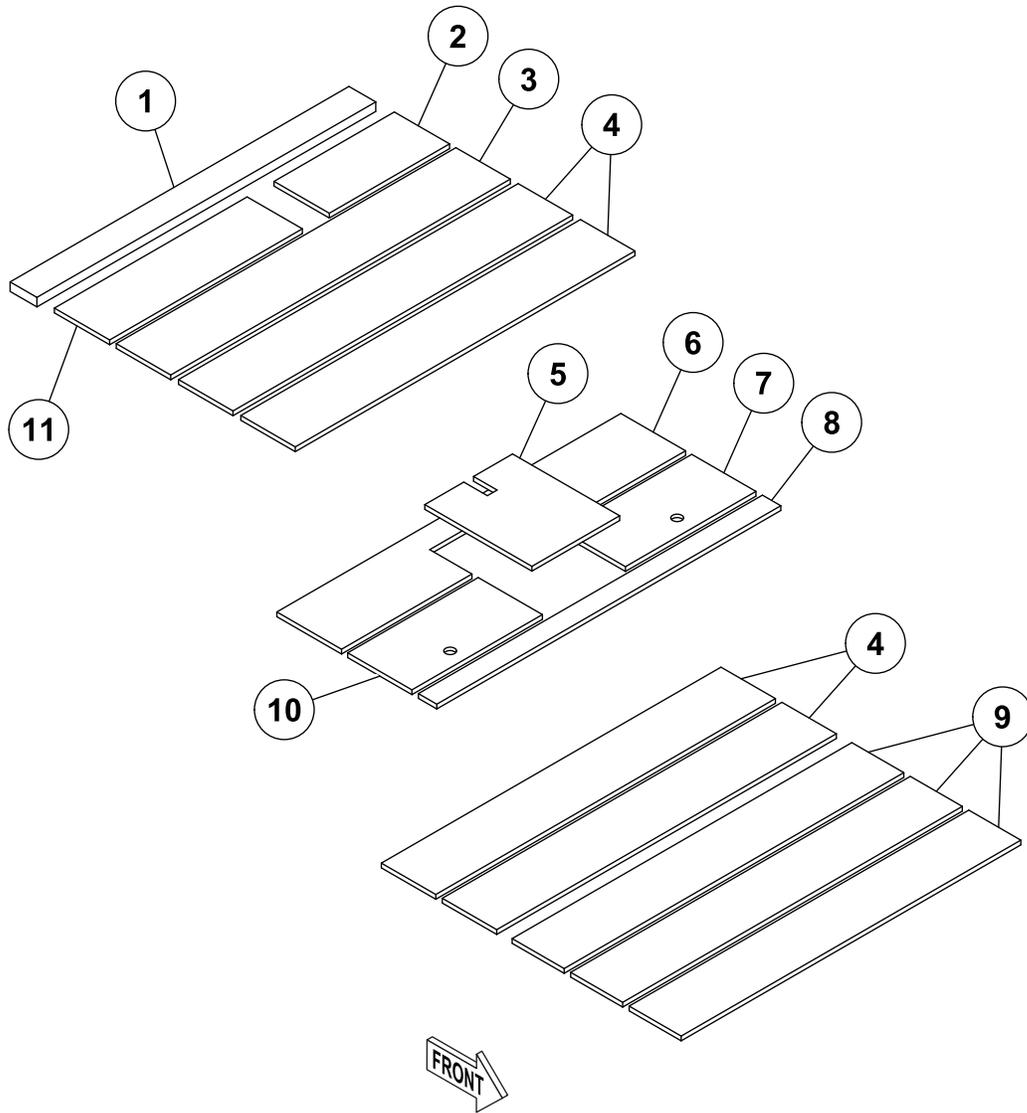
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46595020	Panel, Fiberglass, Exhaust Plenum Fwd CS	1	
2	46595021	Panel, Fiberglass, Exhaust Plenum Aft CS	1	
3	46595019	Panel, Cooler Access Aft Acoustic CS	1	
4	46574499	Panel, Acoustic Cooler Side Access Door 2"	1	
5	46574500	Panel, Acoustic Cooler Access Mid Door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

Acoustic Panels, Tandem, Rear



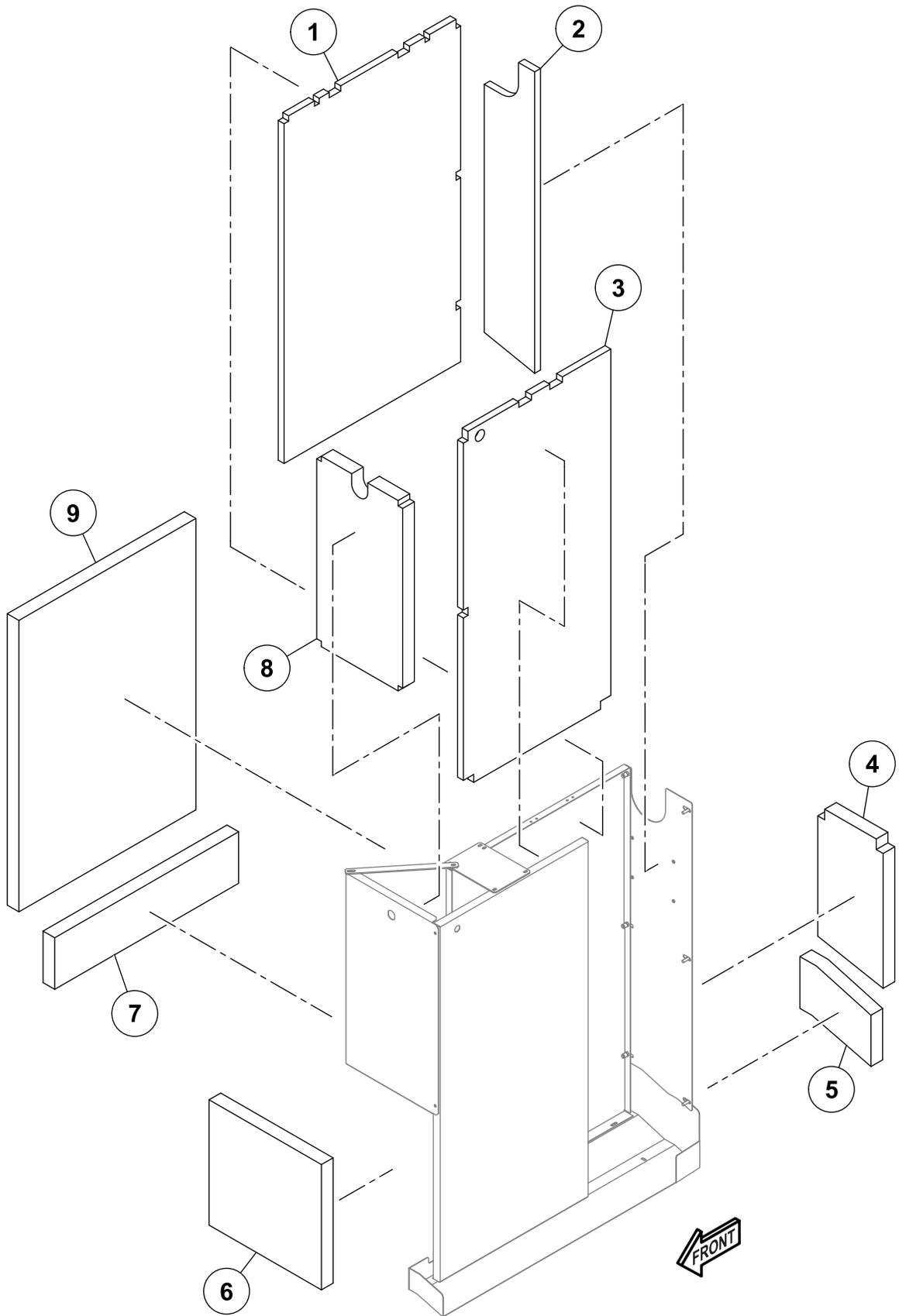
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46595025	Panel, Fiberglass, Vertical Filler	4	
2	46595026	Panel, Fiberglass, Rear Corner Outer CS	1	
3	46595027	Panel, Fiberglass, Rear Corner Outer SS	1	
4	46594999	Panel, Fiberglass, Rear Corner Inner	2	
5	46595099	Panel, Fiberglass, Rear Door Middle	1	
6	46595100	Panel, Fiberglass, Door Lower	1	
7	46595028	Panel, Fiberglass, Rear Door Top	1	

Acoustic Panels, Top



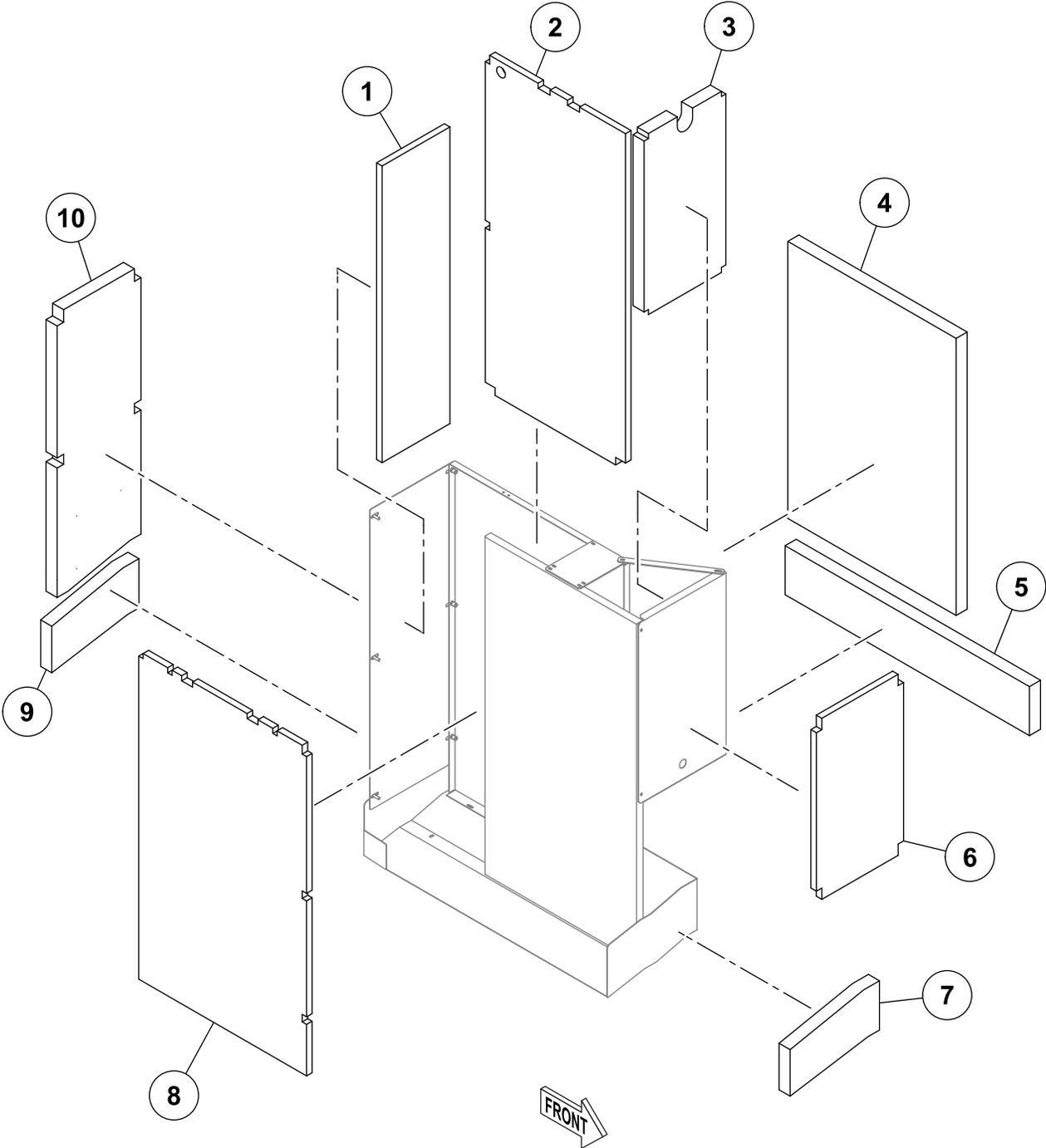
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46602539	Panel, Fbrgl Rear Roof Extension 2"	1	
2	46574101	Panel, Acoustic Rear Roof	1	
3	46622920	Panel, Acoustic Rear Roof SS 1"	1	
4	46574100	Panel, Acoustic Rear Roof 1"	4	
5	46574119	Panel, Acoustic Door Hatch 1"	1	
6	46574103	Panel, Acoustic Mid Roof 1"	1	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



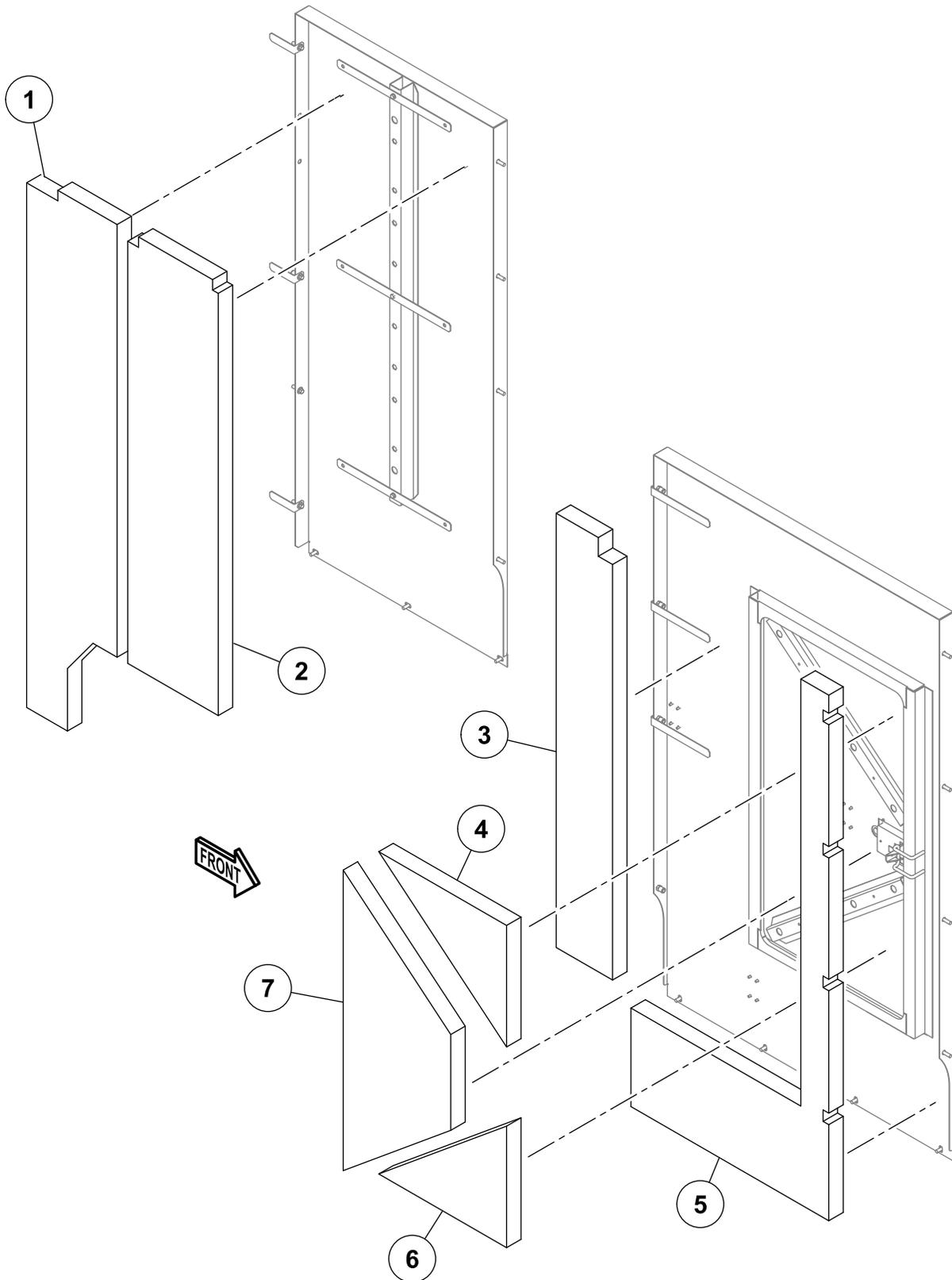
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46574482	Panel, Acoustic Inner Inlet Baffle 1"	1	
2	46574480	Panel, Acoustic Drip Pan Access Interior Side SS 1"	1	
3	46574483	Panel, Acoustic Outer Inlet Baffle 1"	1	
4	46574479	Panel, Acoustic Drip Pan Exterior Side Access SS 2"	1	
5	46574485	Panel, Acoustic Drip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



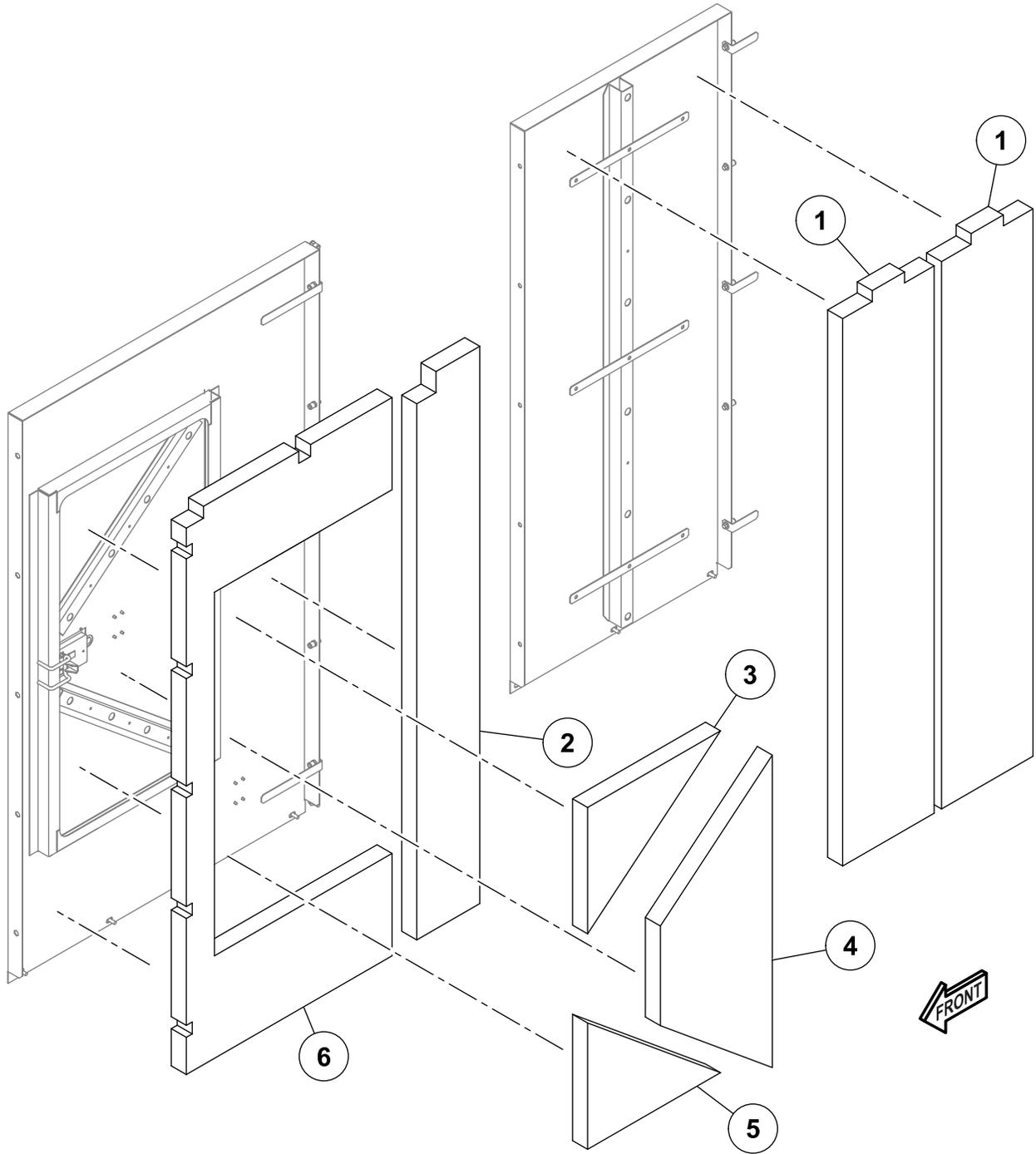
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46579440	Panel, Acoustic Drip Pan Access Interior Side CS 1"	1	
2	46574483	Panel, Acoustic Outer Inlet Baffle 1"	1	
3	46577520	Panel, Acoustic Front Inlet Baffle 2"	1	
4	46574481	Panel, Acoustic Inner Inlet Baffle SS 2"	1	
5	46577201	Panel, Acoustic Drip Pan Rear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



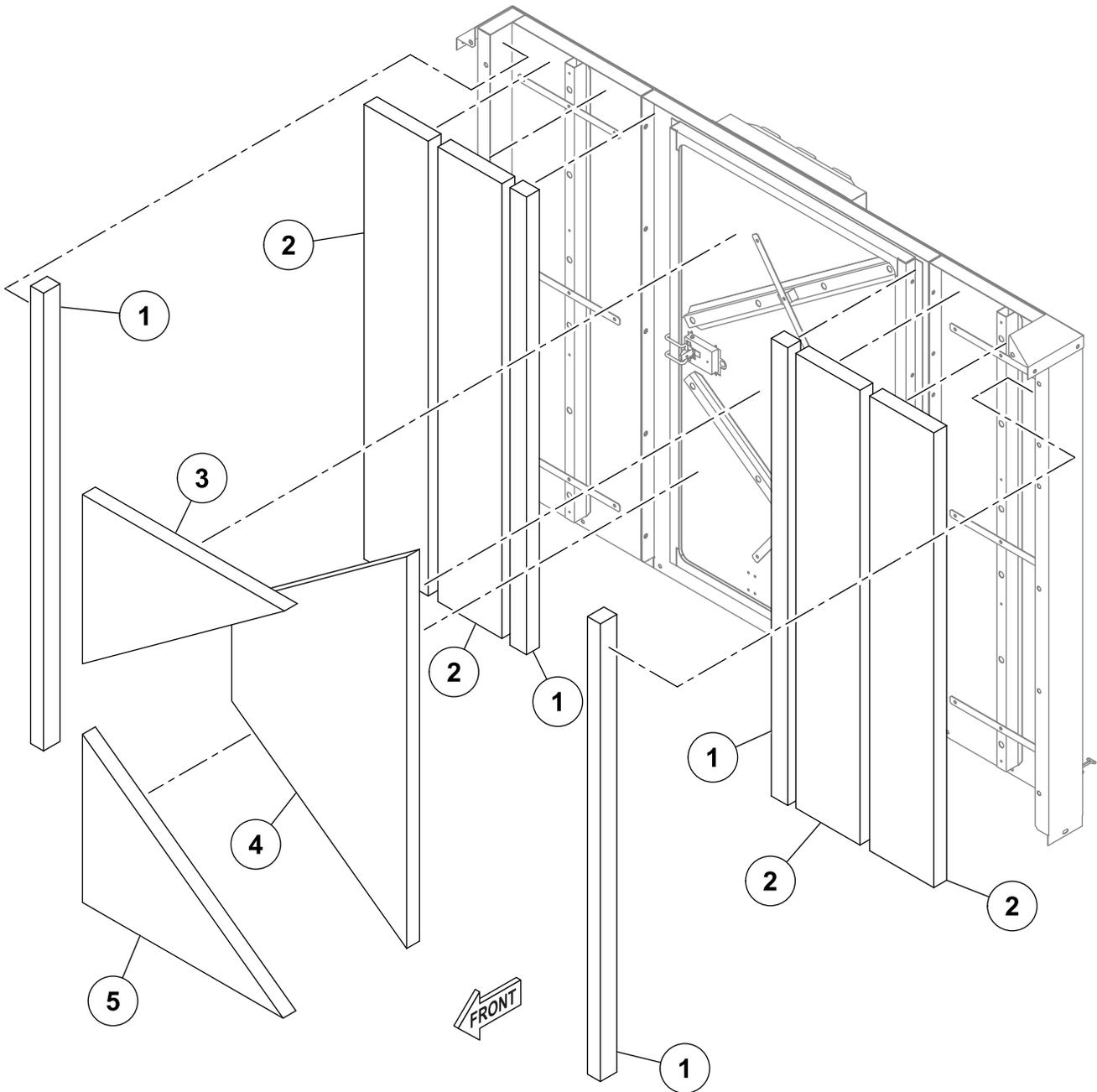
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46597339	Panel, Acoustic, Aft SS	1	
2	46595022	Panel, Acoustic, SS	1	
3	46595024	Panel, Cooler Access Panel Aft Acoustic SS	1	
4	46574501	Panel, Acoustic Cooler Side Access Door 2"	1	
5	46651748	Panel, Door Frm Cooler Access SS 2"	1	
6	46574499	Panel, Acoustic Cooler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

Acoustic Panels, Wagon, Curbside, Rear



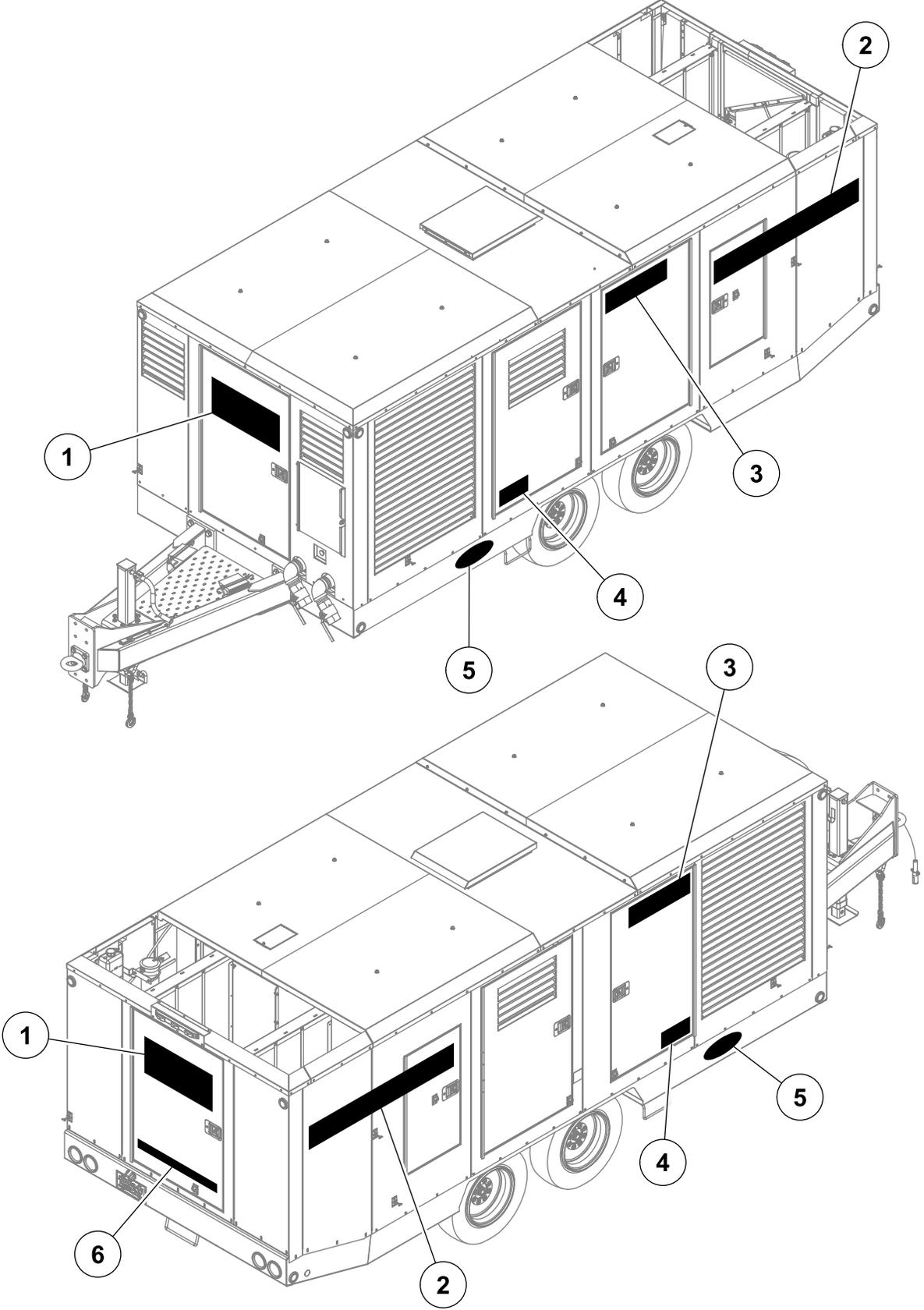
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46597199	Panel, Acoustic, Aft CS	2	
2	46595019	Panel, Acoustic, Cooler Access, CS	1	
3	46574499	Panel, Acoustic Cooler Side Access Door 2"	1	
4	46574500	Panel, Acoustic Cooler Access Mid Door 2"	1	
5	46574501	Panel, Acoustic Cooler Side Access Door 2"	1	
6	46577260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

Acoustic Panels, Wagon, Rear



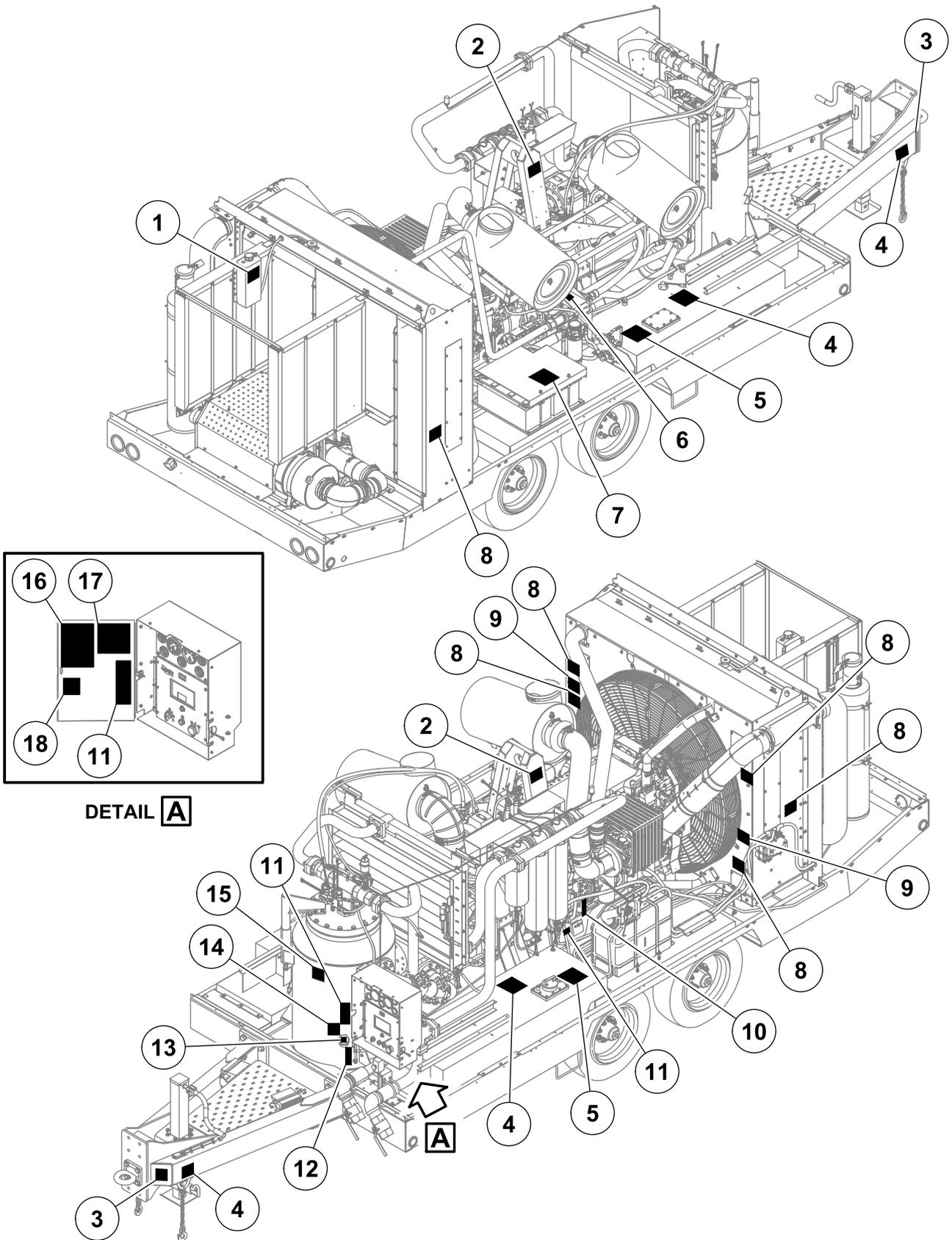
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46597220	Panel, Fiberglass, Vertical Filler	4	
2	46597222	Panel, Fiberglass, Rear	4	
3	46597223	Panel, Fiberglass, Rear Door Top	1	
4	46597224	Panel, Fiberglass, Rear Door Middle	1	
5	46597225	Panel, Fiberglass, Door Bottom	1	

Decals, Branding



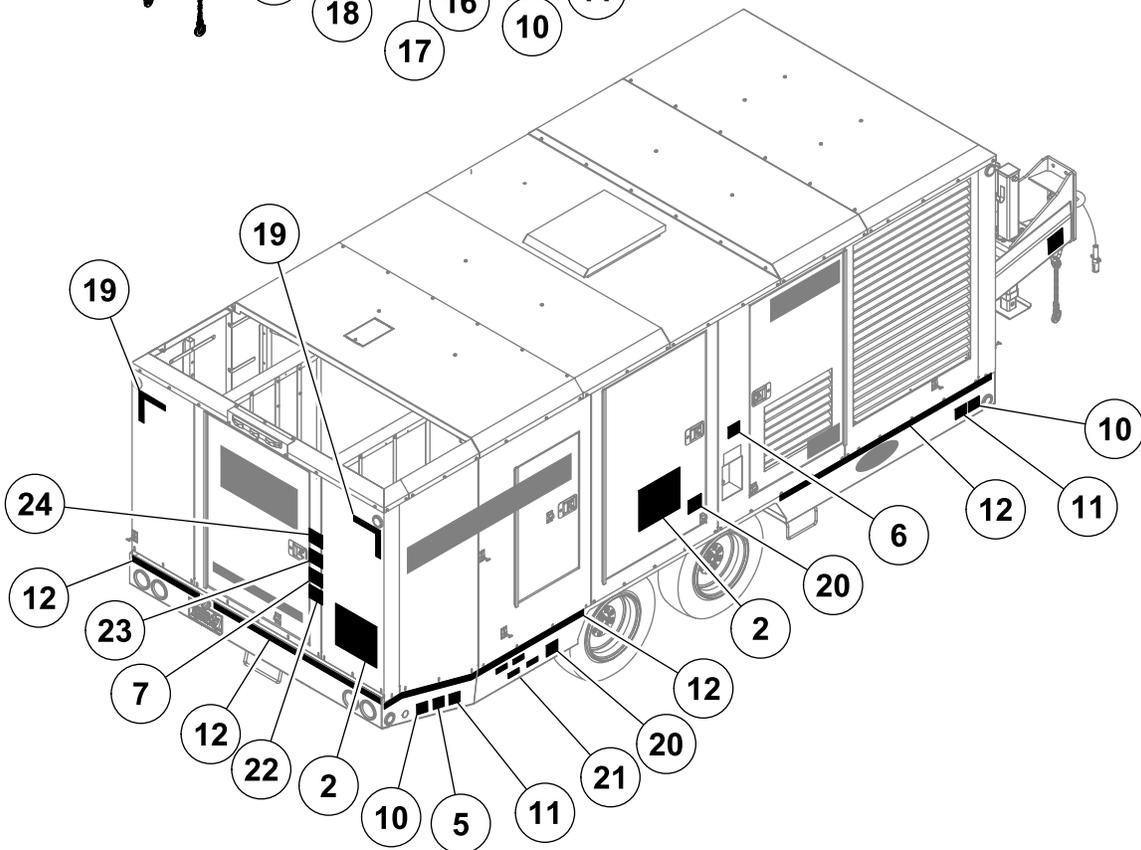
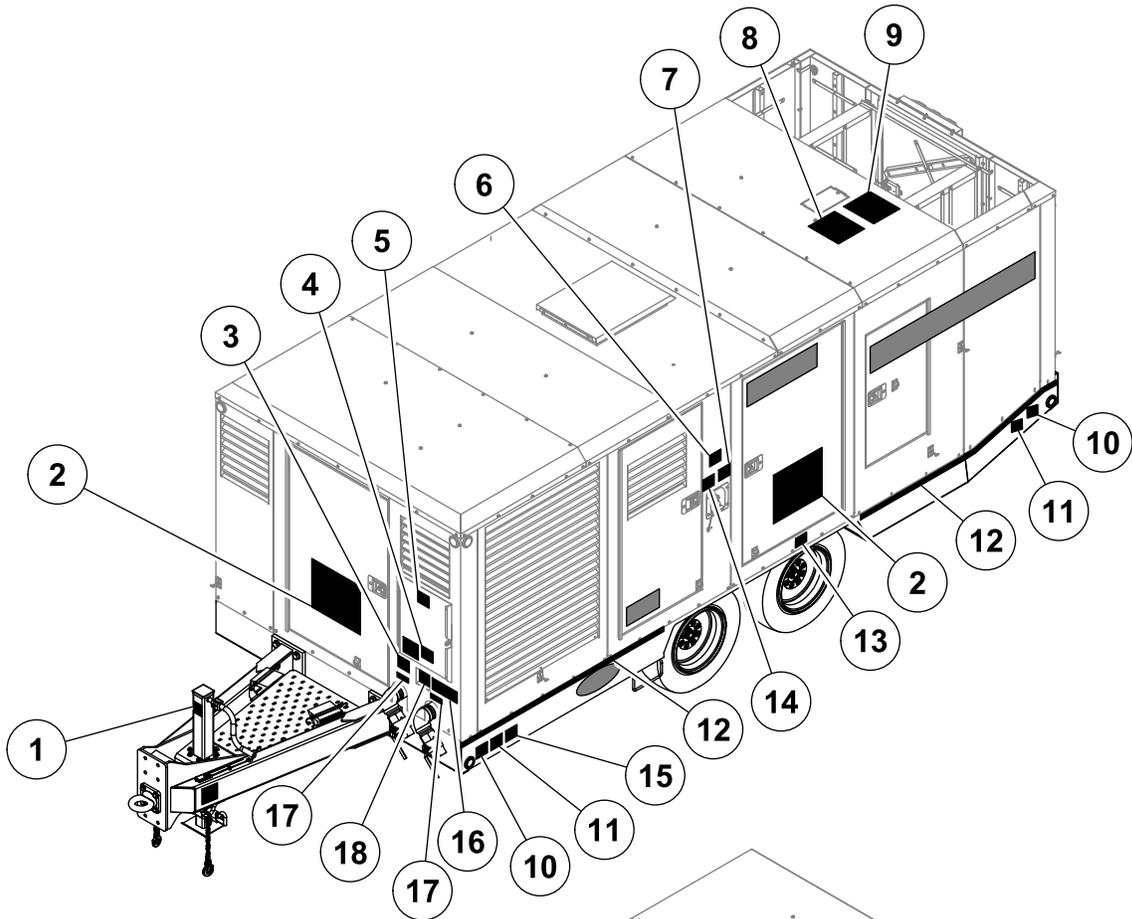
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46573862	Decal, 24" X 11" Doosan Tri-Colored Boxes	2	
2	46573925	Decal, 55" Doosan Logo	2	
3	46574086	Decal, XHP1170 Gradient Model Number	2	
	46574051	Decal, 25/330 Gradient Model Number, PED	1	
4	54413117	Decal, Galvannealed	2	
5	22711659	Decal, Environmental	2	
6	46554780	Decal, Doosan 33" Black Website	1	

Decals, Interior Safety



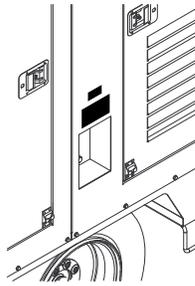
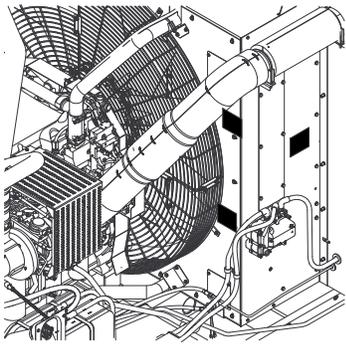
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	22265565	Decal, Overflow Bottle	1	
2	54699400	Decal, ISO Lift Point	2	
3	54604921	Decal, Tow Notice	2	Tandem Only
4	46565099	Decal, Canadian Transport	4	
5	46556990	Decal, Ultra Low Sulfur Diesel Fuel	2	
6	46621316	Decal, Battery Disconnect	1	
7	54568753	Decal, ISO 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	
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	IQ/AC Options Only
16	46650305	Decal, Operating Instructions	1	
17	46652618	Decal, Operator Panel Interpretation T4F	1	
18	54568787	Decal, Improper Operation	1	

Decals, Exterior Safety And Options

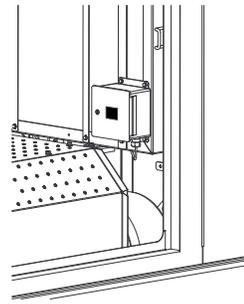


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	54568803	Decal, Collapsing Jack	1	Tandem Only
2	36534642	Decal, IQ Logo	4	IQ Option Only
	23255193	Decal, AC Logo	4	AC Option Only
3	36514602	Decal, Noise Emission	1	
4	54605027	Decal, Hazardous Voltage	2	AC Heater Option Only
5	36534675	Decal, IQ Valve Operation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

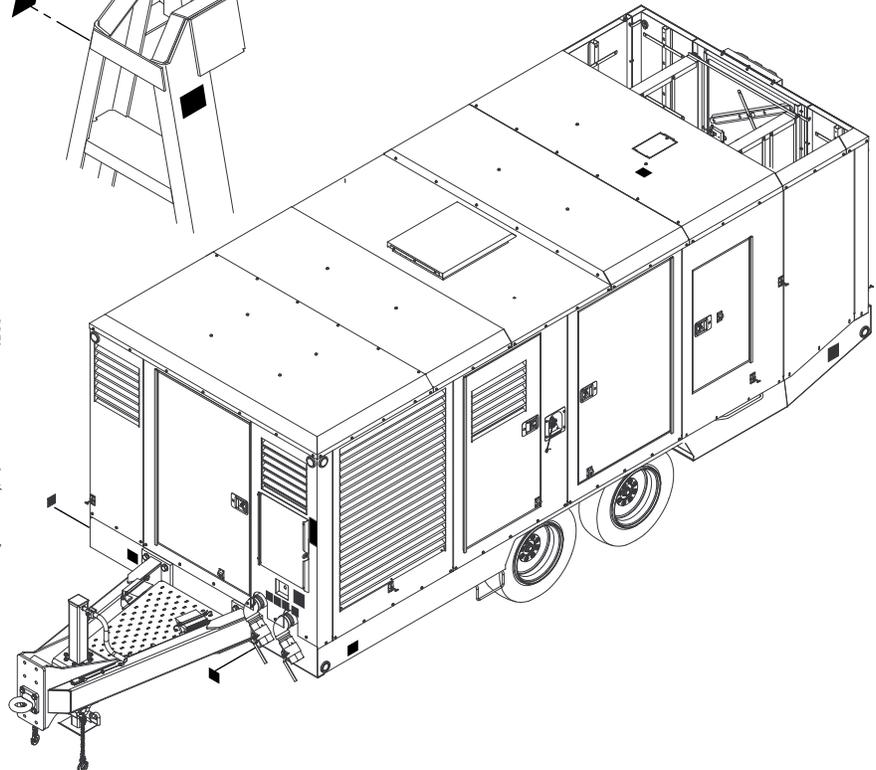
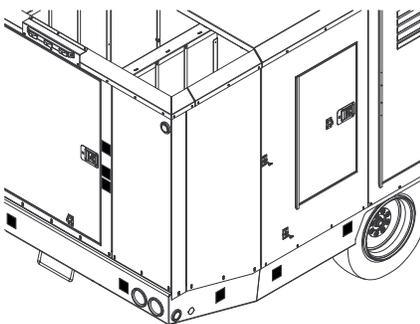
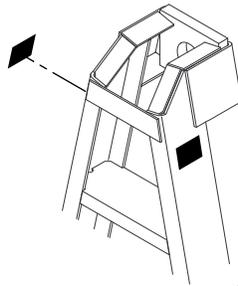
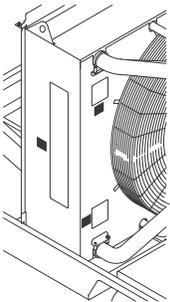
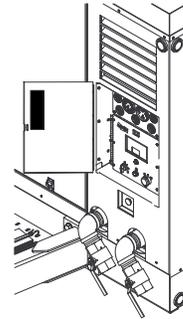
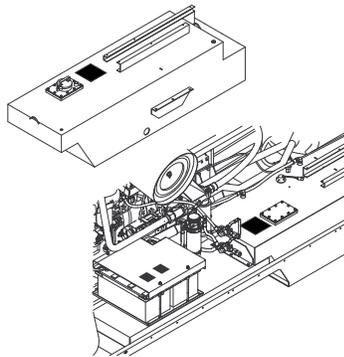
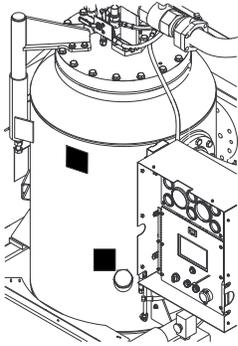
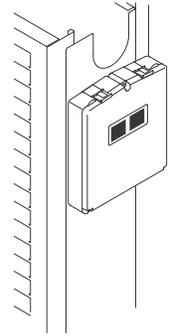
Decals, EEC



Optional



Optional



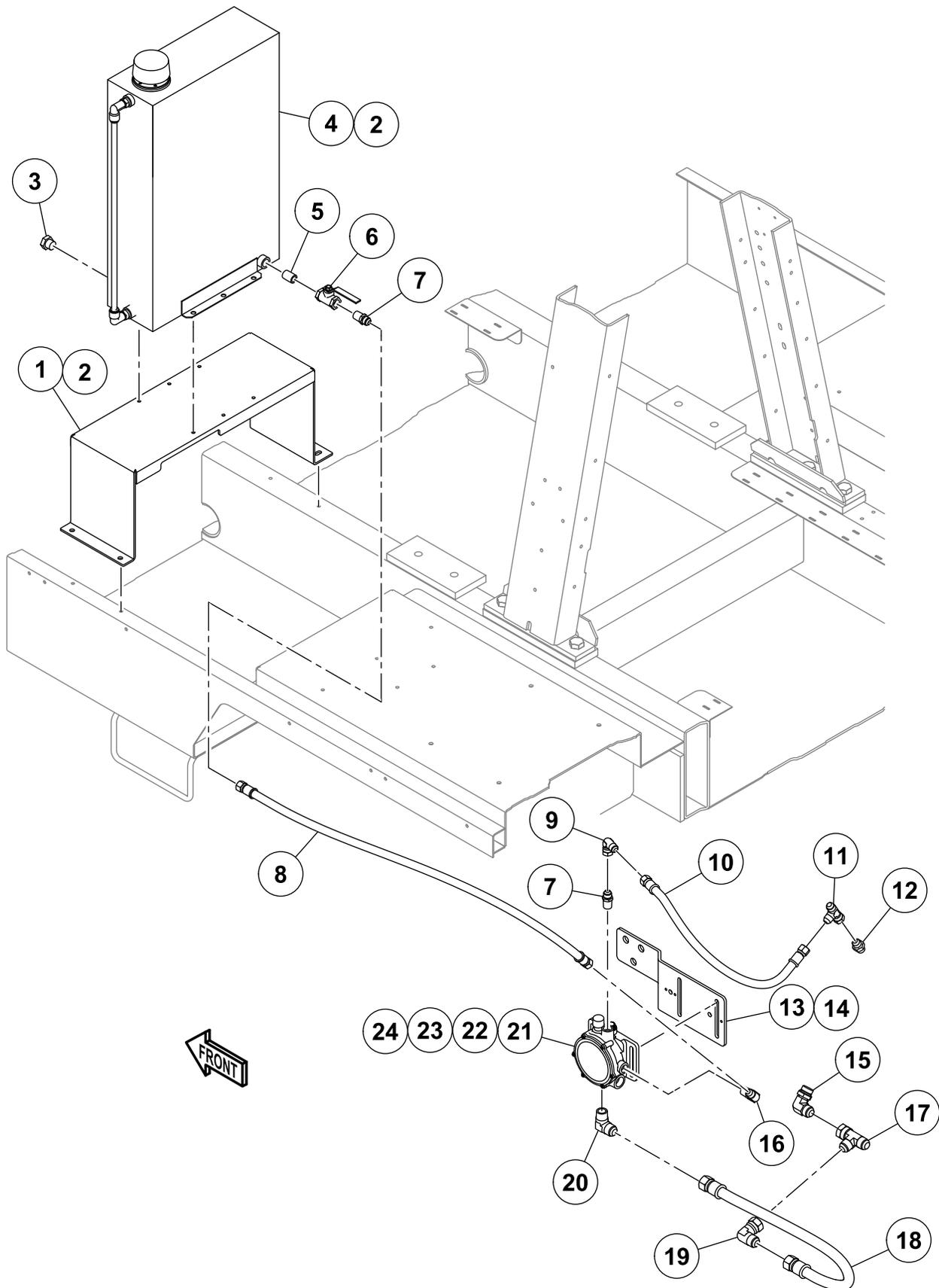
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46654478	Decal Sheet, EEC	1	

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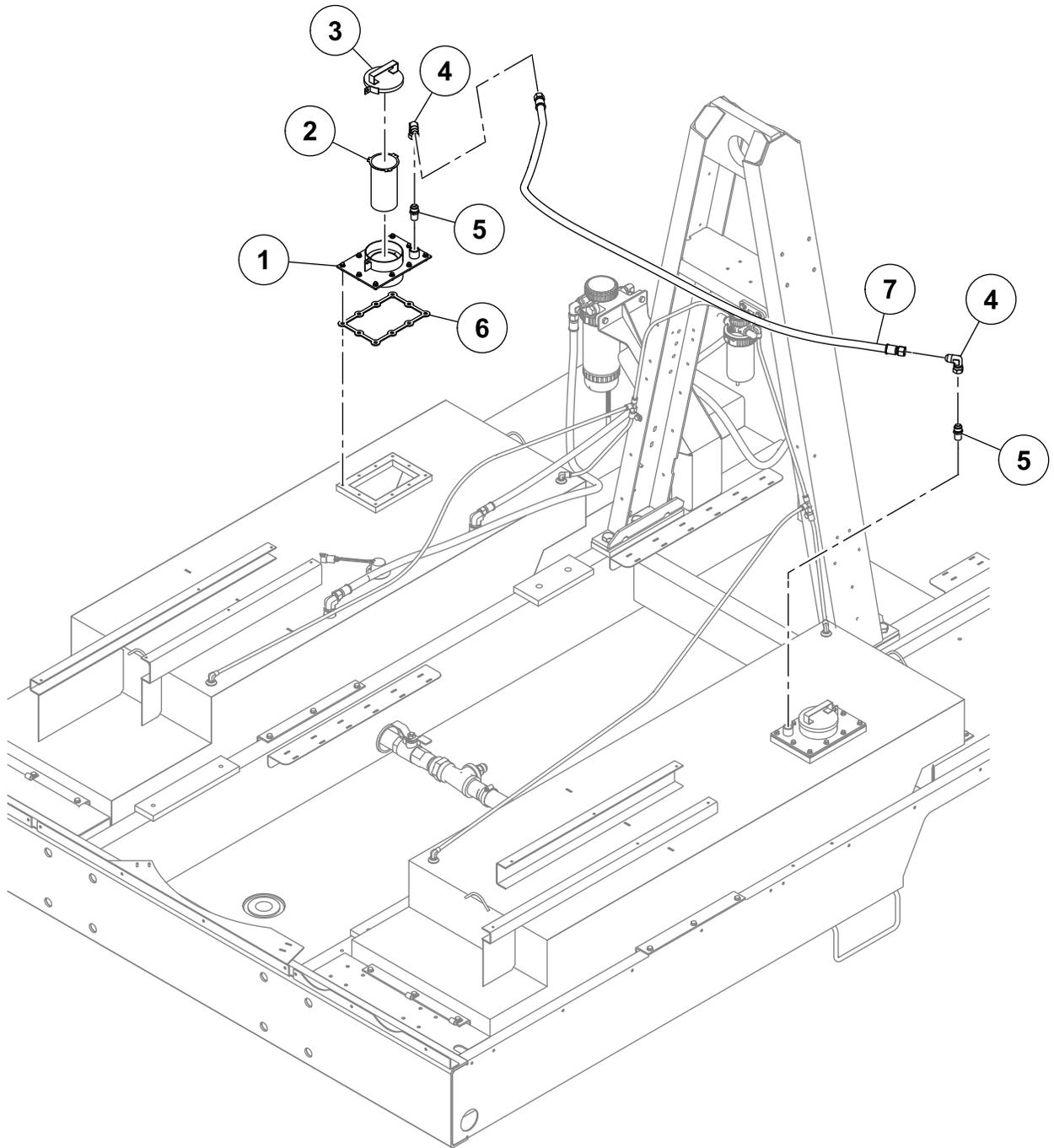
OPTION PARTS

Engine Oil Replenishment



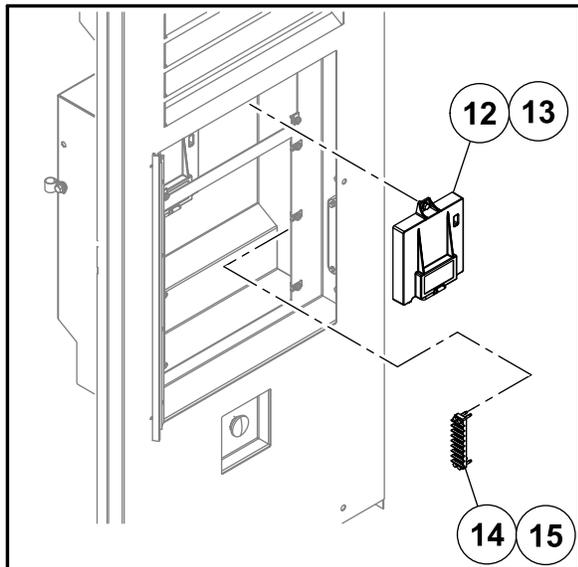
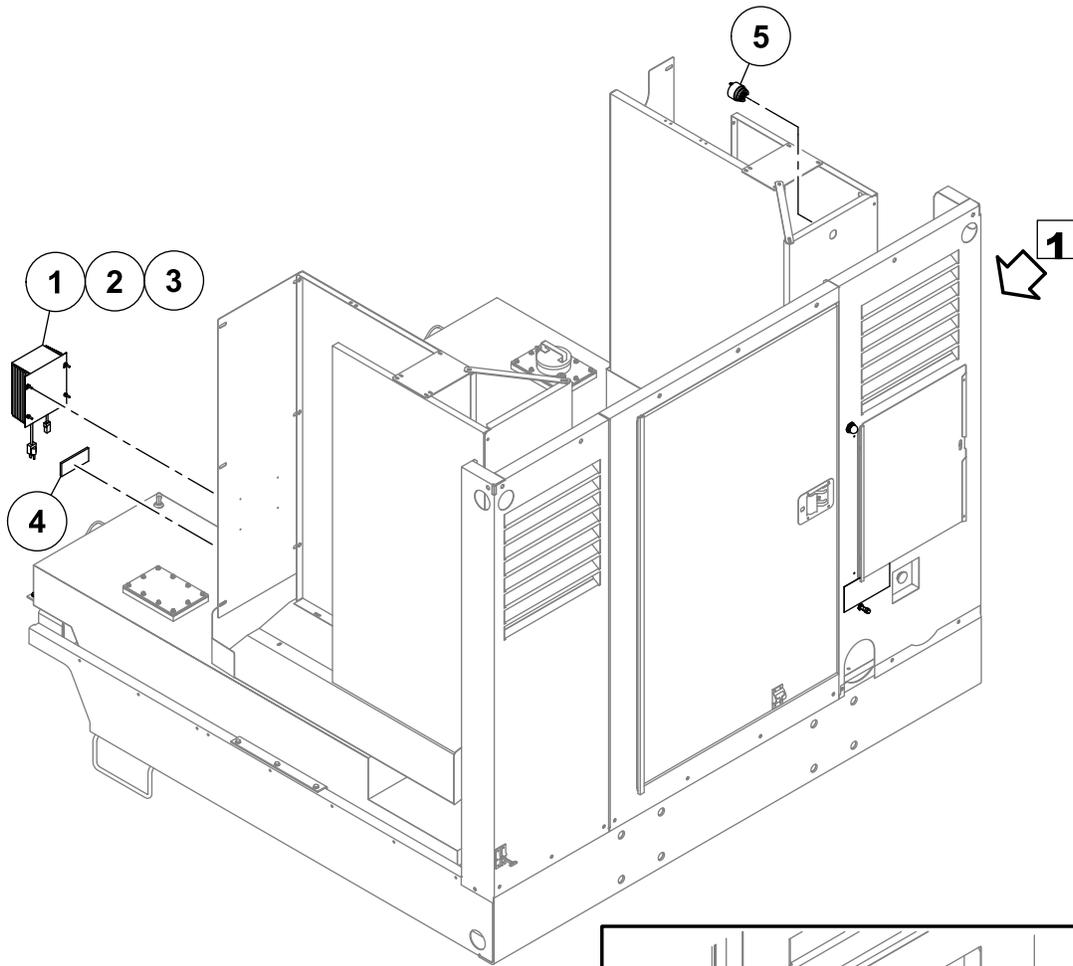
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46584719SB	Mount, Oil Replenishment Tank	1	
2	35279025	Screw, Hex M08 - 1.25 X 20	10	
3	36889186	Plug, 1/2"NPT Pipe	1	
4	46584822SB	Tank, Oil Replenishment	1	
5	95934279	Nipple, 1/2" X 1-1/8"	1	
6	35581792	Valve, Ball Service 1/2"	1	
7	35286426	Adapter, 1/2" NPT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

Fuel System, Fuel Tank Crossover Vent Line

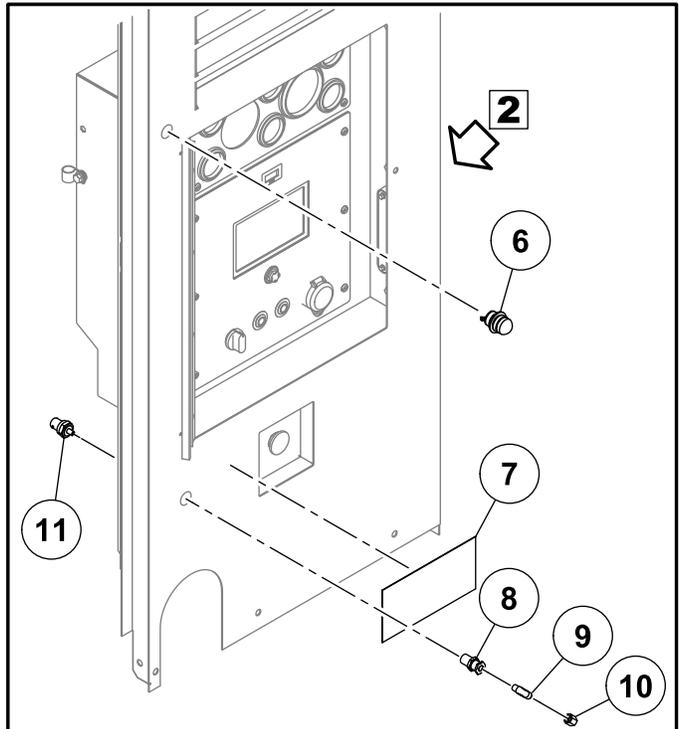


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	23148737	Cover, Fuel Fill	1	
2	36845022	Strainer, Fuel Tank	1	
3	36845014	Cable, 9-Pin Split Connector	1	
4	35305648	Elbow, -10 JIC X -10 JIC Female	2	
5	35286467	Connector, -10 JIC X 1/2" NPT	2	
6	35389964	Gasket, Cover	1	
7	35286921	Hose, -10 JIC X 100	1	

Auto Start With 120VAC Battery Charger



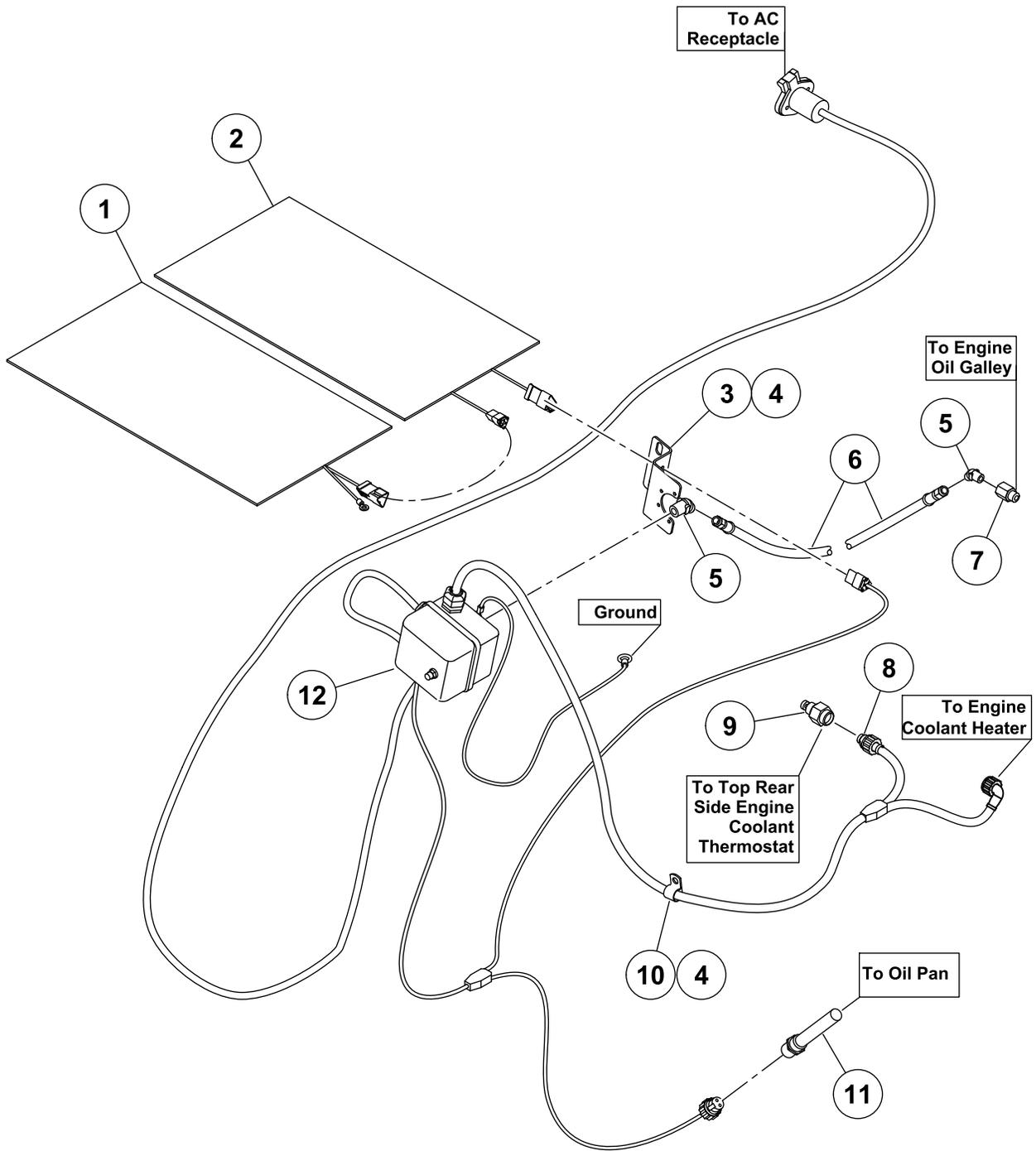
DETAIL 2



DETAIL 1

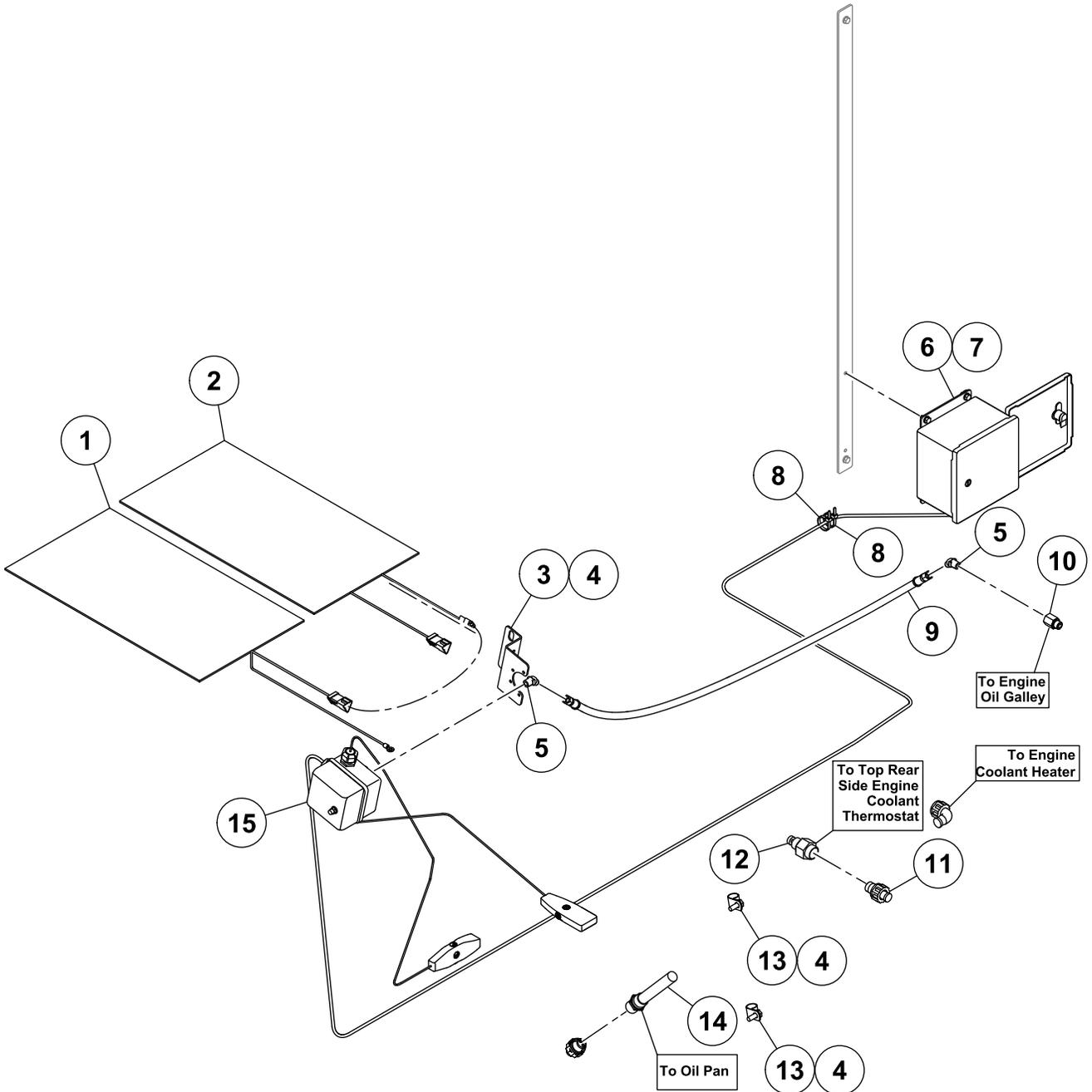
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	54715941	Battery Charger, 24 VDC	1	120VAC Option
	22096333	Battery Charger, 24 VDC	1	240VAC Option
2	36842102	Screw, Hex, Slotted, #10 -32 UNF X 1"	4	
3	95928800	Nut, Nylock, #10 -32 UNF	4	
4	54749155	Decal, Battery Charger	1	
5	36785145	Alarm, Audio Signal	1	
6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



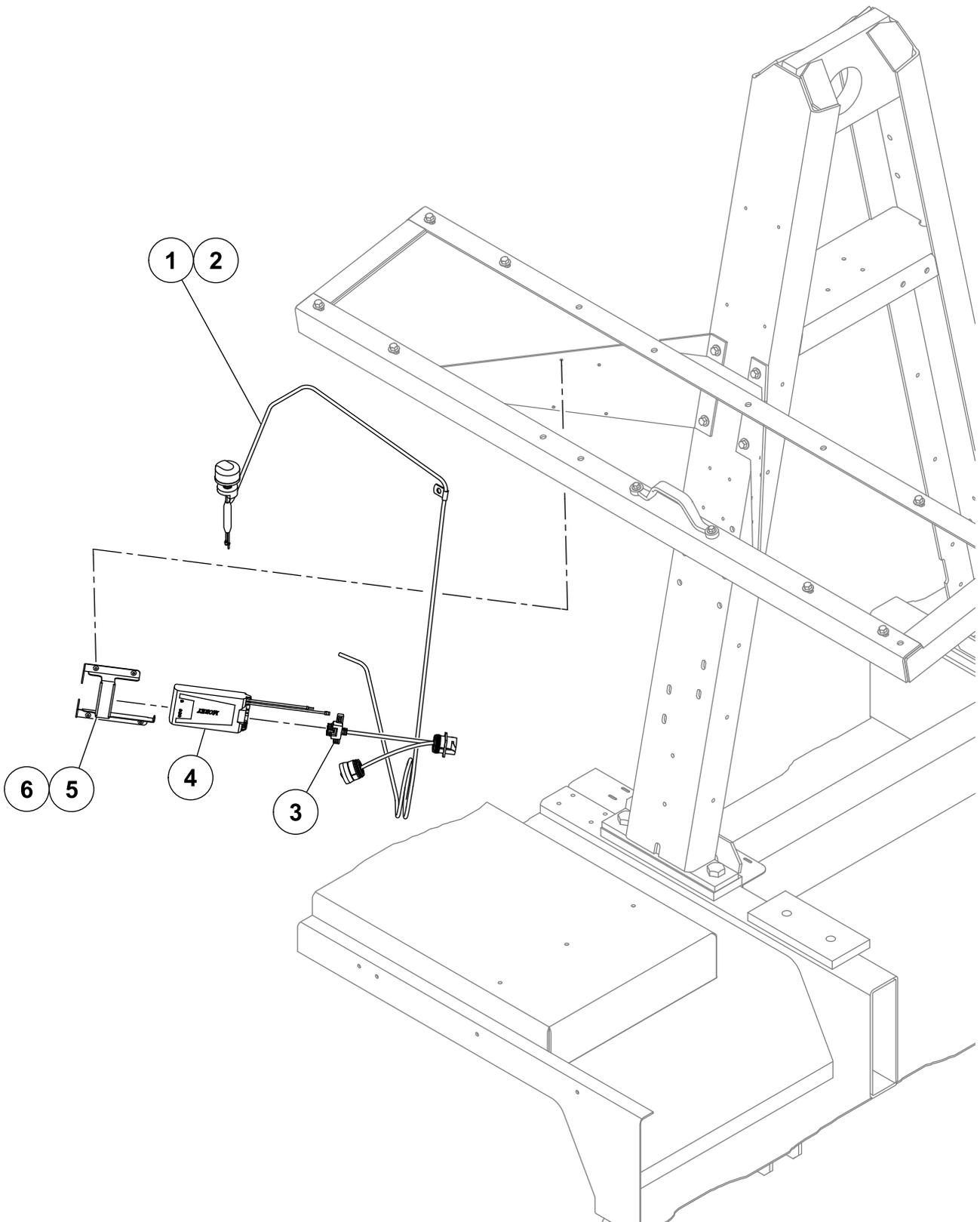
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	36920346	Heater, Single Lead Battery Pad	1	
2	36920338	Heater, Dual Lead Battery Pad	1	
3	36851533SB	Bracket, Pressure Switch	1	
4	35279025	Screw, Hex M08 - 1.25 X 20	4	
5	35321223	Elbow, 45° 1/4" NPT X -4 JIC	2	
6	35283480	Hose, -4 JIC X 48"	1	
7	54720719	Adapter, 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	
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	Not Shown
	46666638	Kit, AC Heaters, 240V 360W With Terminal Box	1	

Telematics System



ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	46654936	Antenna, Telematics	1	
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	Not Shown

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RECOMMENDED SERVICE PARTS

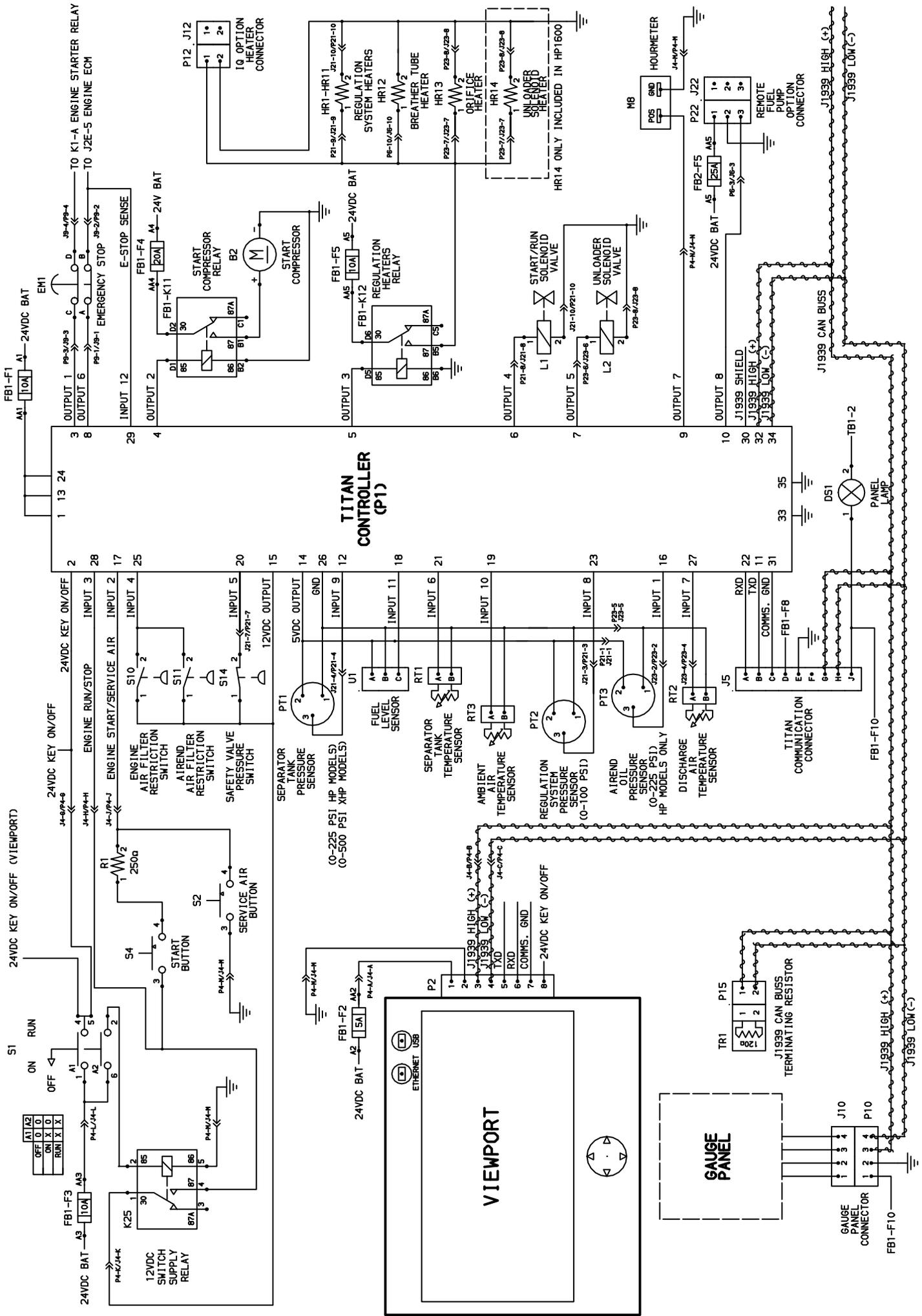
PART NO.	DESCRIPTION	FUNCTIONAL GROUP
39929351	Seal, Oil	Airend
35355536	O-Ring	Airend
54765946	Transducer, Pressure, 0-500 PSI	Airend
46649430	Valve, Blowdown	Airend / Blowdown
35132299	Silencer, Blowdown EPA	Airend / Blowdown
35316405	Valve, Anti-Rumble	Airend / Blowdown
36754059	Gasket	Airend / Inlet 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 QSX15	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

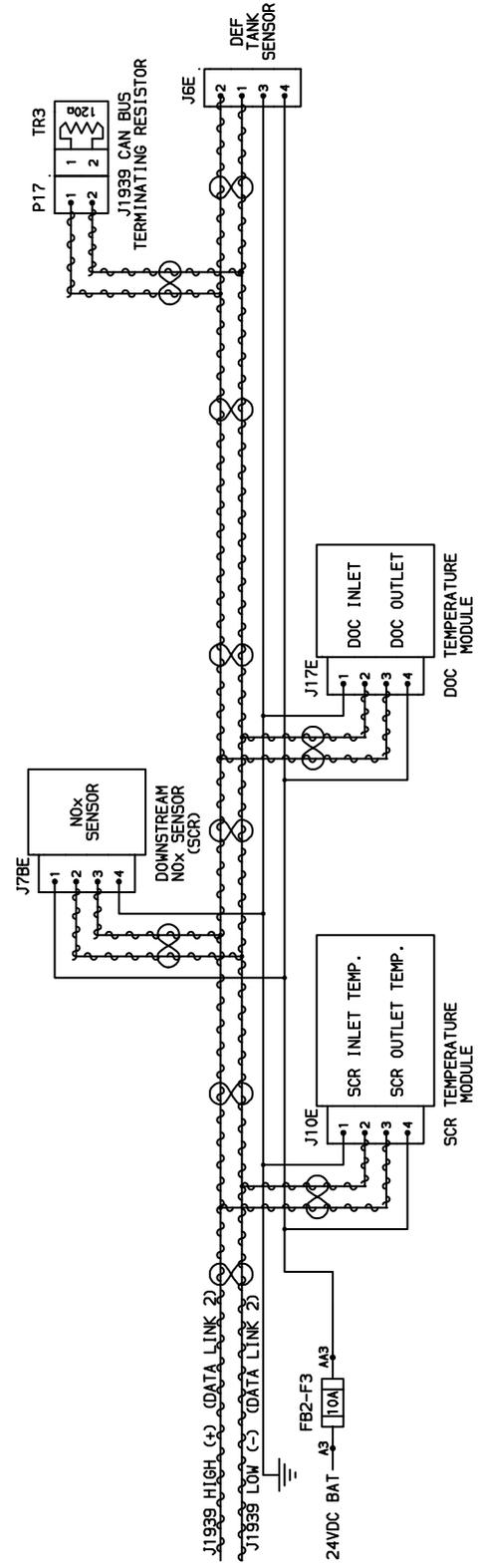
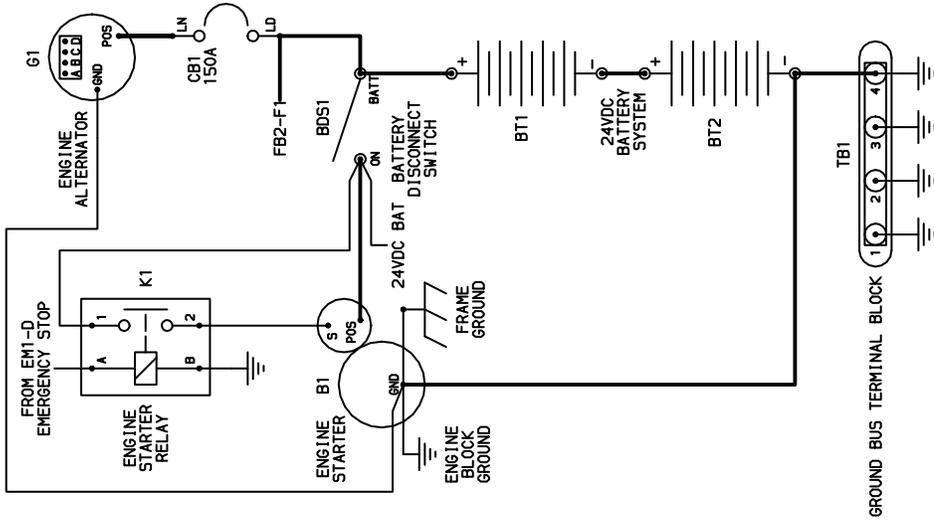
PART NO.	DESCRIPTION	FUNCTIONAL GROUP
46553971	Valve, Safety, 440 PSI	Service Air / Separator Tank
46568519	Switch, Pressure 12 PSI	Service Air / Separator Tank
35277797	O-Ring, 2-11/32" ID	Service Air / Separator Tank
46555952	Element, Separator	Service Air / Separator Tank
36922144	Light, Identification	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	



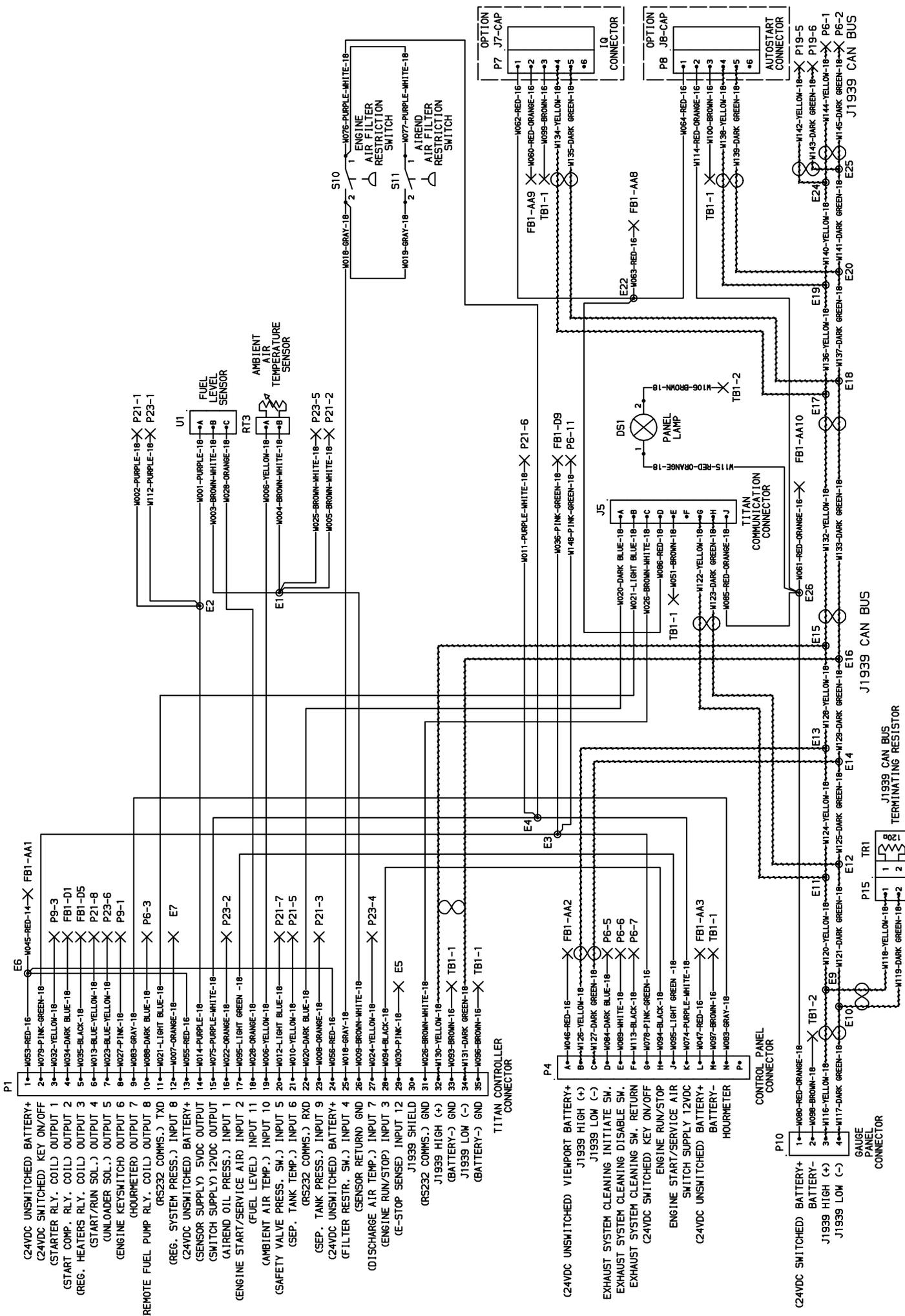
WIRING DIAGRAMS

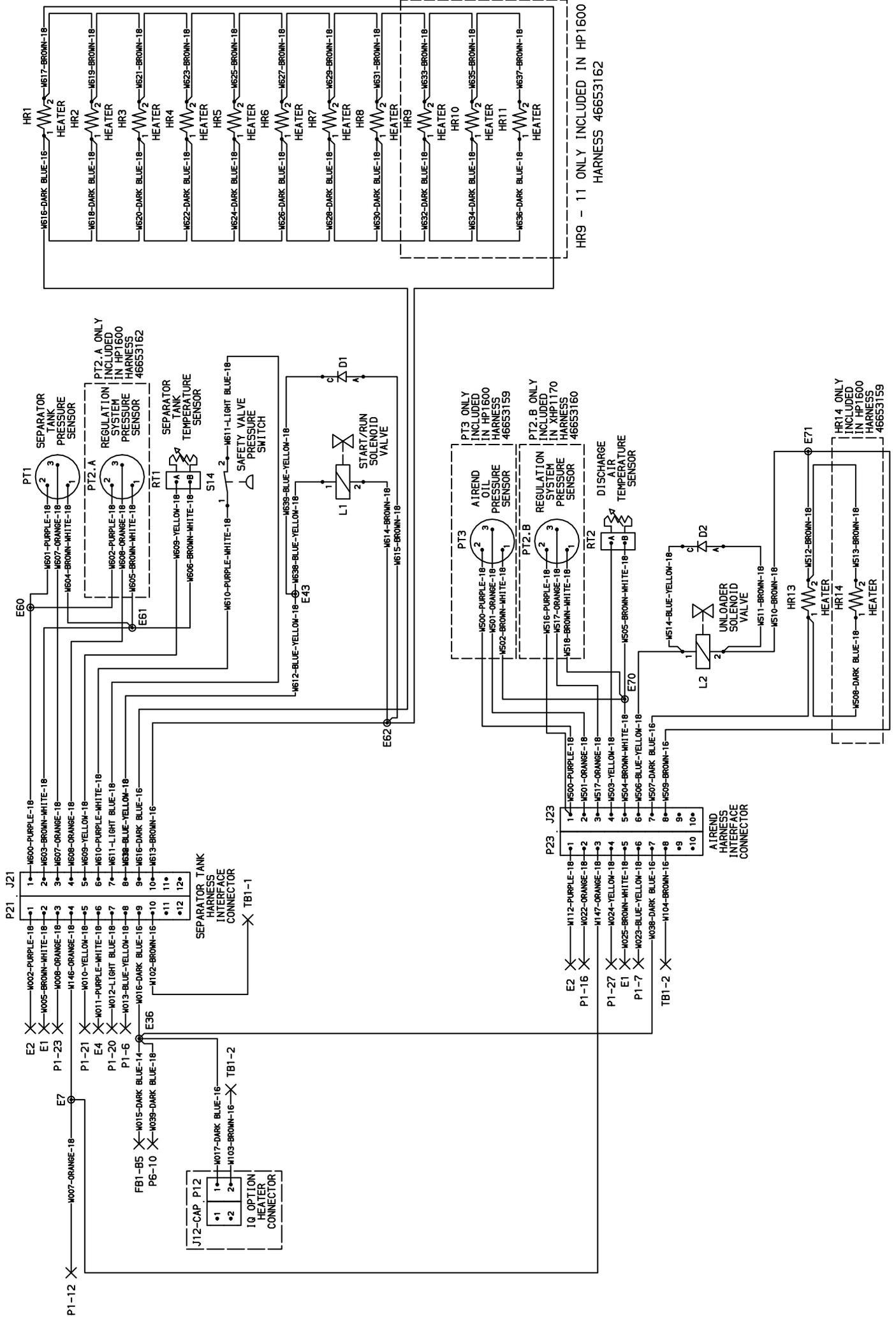


Compressor and Engine Control System Schematic 46664154 Rev. D

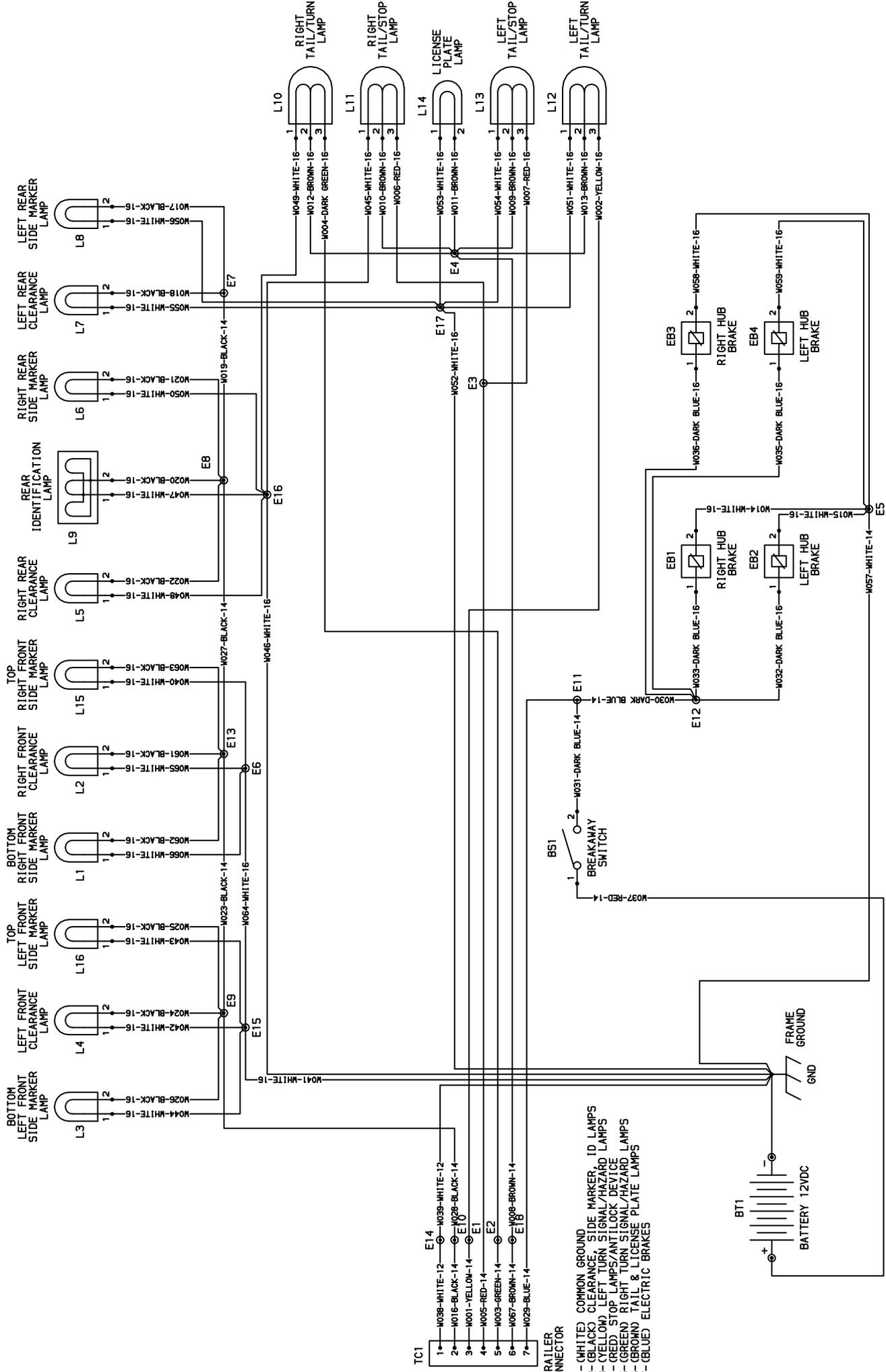


Compressor and Engine Control System Schematic 46664154 Rev. D





Compressor & Engine Harness Wiring Diagram 46653157 Rev D



Trailer Harness Wiring Diagram 46578803 Rev. A

Compressor and Engine

Reference Designator	Description	Part Number
	Titan Controller	46651420
	Compressor Harness	46653158
	Engine Harness	46653161
	Airend Harness	46653160
	Separator Tank Harness	46655655
	Battery Positive Stud to Stud Cable	46590421
	Battery Positive Cable	46590419
	Battery Negative Cable	46590420
	Battery Cable Jumper	35128982
	Frame Ground Strap 350mm	36783488
	Engine Ground Strap 350mm	36783488
B1	Engine Starter	Cummins Part
B2	Start Compressor	46576919
BDS1	Battery Disconnect Switch	46556146
BT1	Battery, 12 VDC	35225788
BT2	Battery, 12 VDC	35225788
C12B	TBAP Sensor	46566779
D1	Diode	35376169
D2	Diode	35376169
D3	Diode	35376169
D4	Diode	35376169
D5	Diode	35376169
D6	Diode	35376169
D7	Diode	35376169
DS1	Panel Lamp	46582799
EM1	Emergency Stop	23281017
CB1	Engine Alternator Circuit Breaker 150A	46615979
FB1	Fuse/Relay Center Replacement	46556356
FB1	Fuse/Relay Center Replacement Cover	23366172

Reference Designator	Description	Part Number
FB1	Fuse/Relay Center Decal Outside Cover	46574381
FB1	Fuse/Relay Center Decal Inside Cover	46666640
FB1-F1	Titan Controller Fuse 10 Amp	23091812
FB1-F2	ViewPort Display Fuse 5 Amp	23326069
FB1-F3	Main Control Switch Fuse 10 Amp	23091812
FB1-F4	Start Compressor Fuse 20 Amp	23091838
FB1-F5	Regulation Heaters Fuse 10 Amp	23091812
FB1-F7	WiFi Controller Fuse 10 Amp	23091812
FB1-F8	Accessory Fuse 10 Amp	23091812
FB1-F9	IQ TCU Controller Fuse 10 Amp	23091812
FB1-F10	AutoStart Controller Fuse 15 Amp	23091820
FB1-K11	Start Compressor Relay	23316250
FB1-K12	Regulation Heaters Relay	23316250
FB1-K13	Switched Power Relay	23316250
FB2	Fuse/Relay Center Replacement	46556356
FB2	Fuse/Relay Center Replacement Cover	23366172
FB2	Fuse/Relay Center Decal Outside Cover	46575499
FB2	Fuse/Relay Center Decal Inside Cover	46666641
FB2-F1	Engine ECM Fuse 30 Amp	23091853
FB2-F2	Engine Communication Fuse 10 Amp	23091812
FB2-F3	DEF System Fuse 10 Amp	23091812
FB2-F4	DEF Supply Module Fuse 10 Amp	23091812
FB2-F5	DEF Line Heaters Fuse 15 Amp	23091815
FB2-F6	Intake Shutoff Valve Fuse 15 Amp	23091815
FB2-K21	DEF Supply Module Relay	23316250
FB2-K22	DEF Line Heaters Relay	23316250
FB2-K23	ECM Power ON Relay	23316250
G1	Engine Alternator	Cummins Part
FB2-F7	Remote Fuel Pump Fuse 25A	23091846

Electrical Parts List

Compressor and Engine (Cont'd)

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

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

Ether Injection System

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

Control Panel

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

Gauge Panel

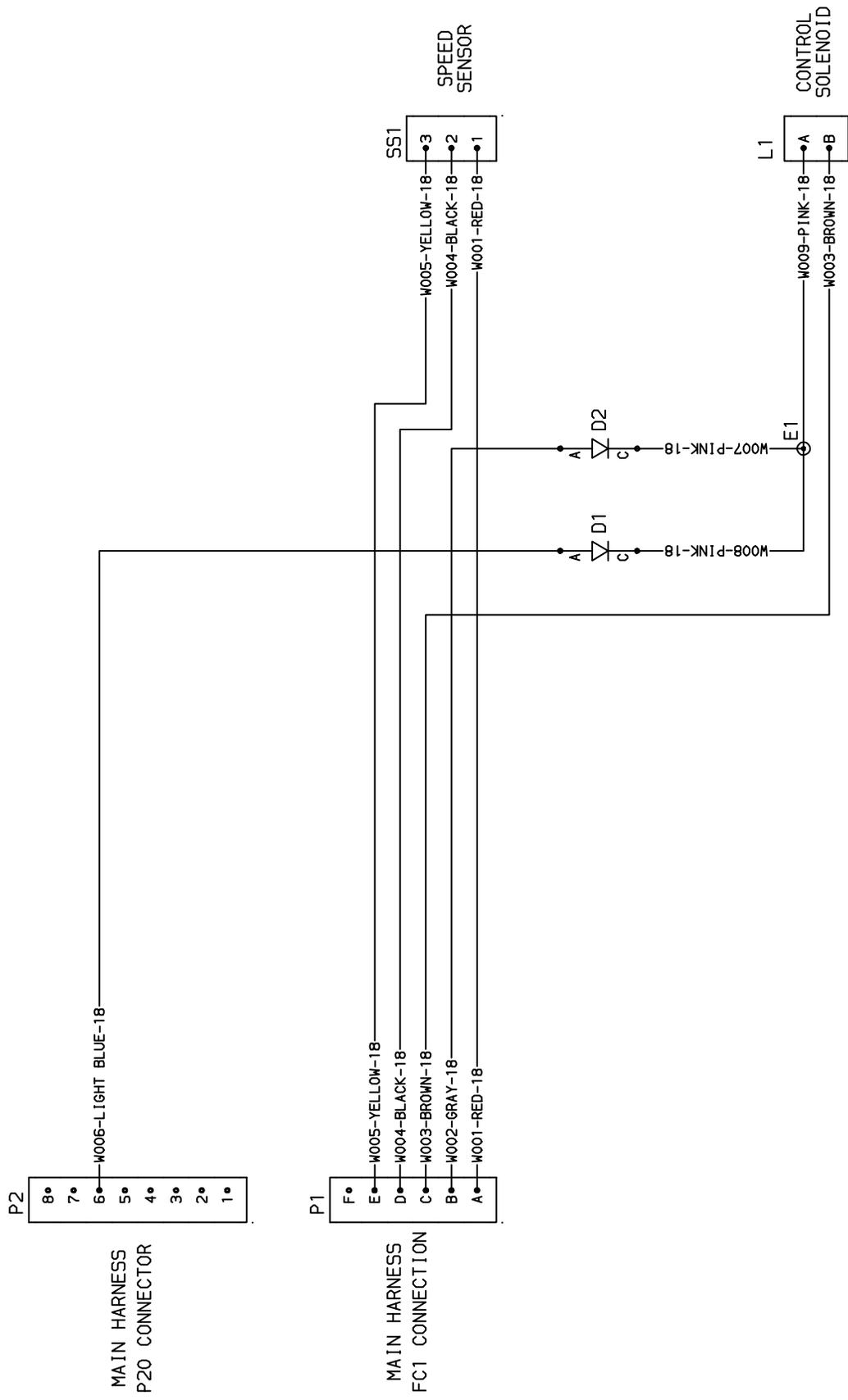
Reference Designator	Description	Part Number
	Gauge Panel Harness	46636660
M1	Air Pressure Gauge 0-600 psi	46558801
M2	Engine Tachometer	46558802
M3	Engine Coolant Temperature Gauge	46558804
M4	Engine Oil Pressure Gauge	46558803
M5	Compressor Temperature Gauge	46558806
M6	Voltmeter	46558805
M7	Fuel Level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

Trailer

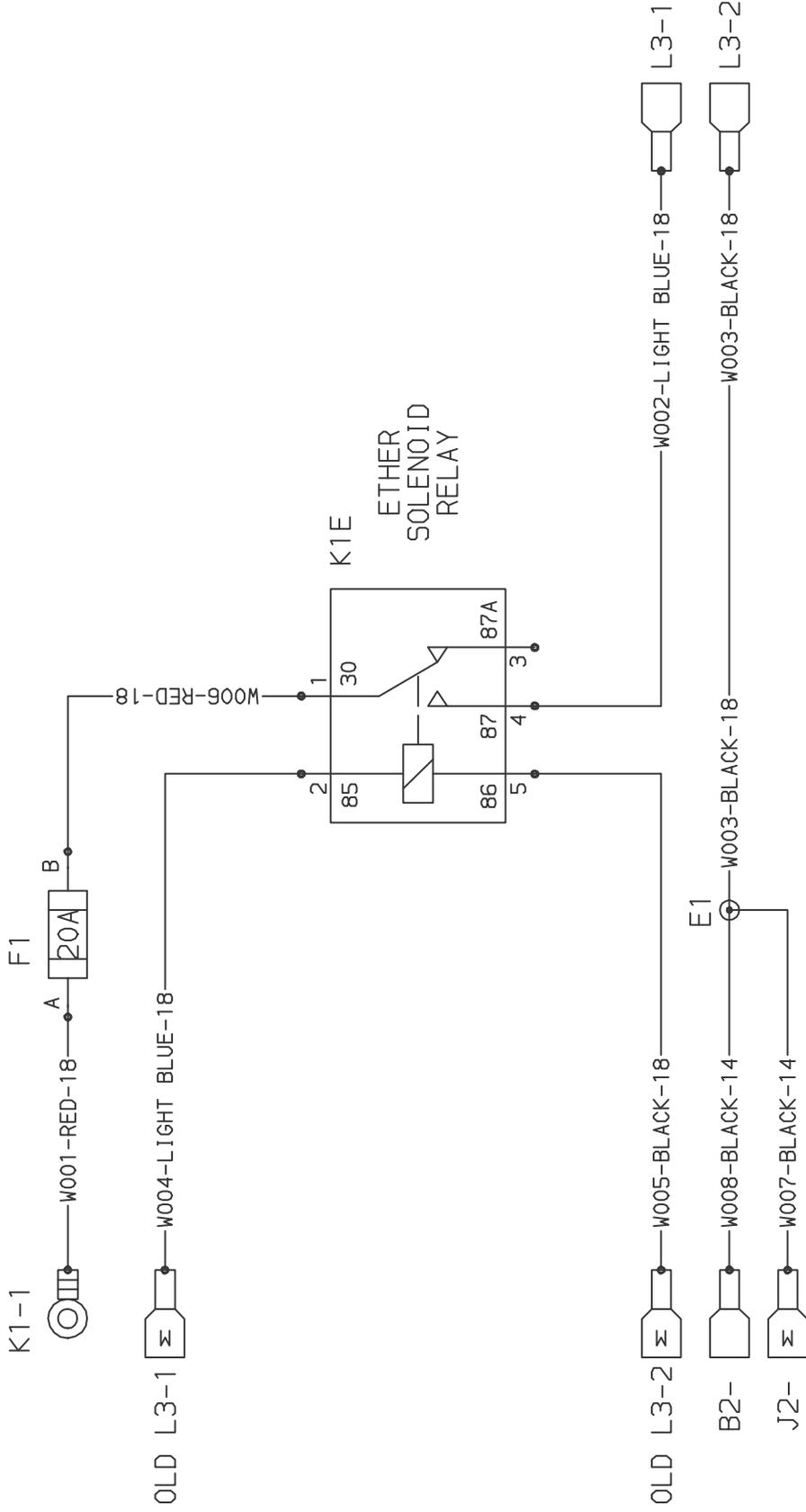
Reference Designator	Description	Part Number
	Trailer Harness	46651563
BS1	Breakaway Switch	46554147
L1	Right Front Side Marker Lamp	35367051
L2	Right Front Clearance Lamp	35367051
L3	Left Front Side Marker Lamp	35367051
L4	Left Front Clearance Lamp	35367051
L5	Right Rear Clearance Lamp	35367044
L6	Right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

Fan Clutch

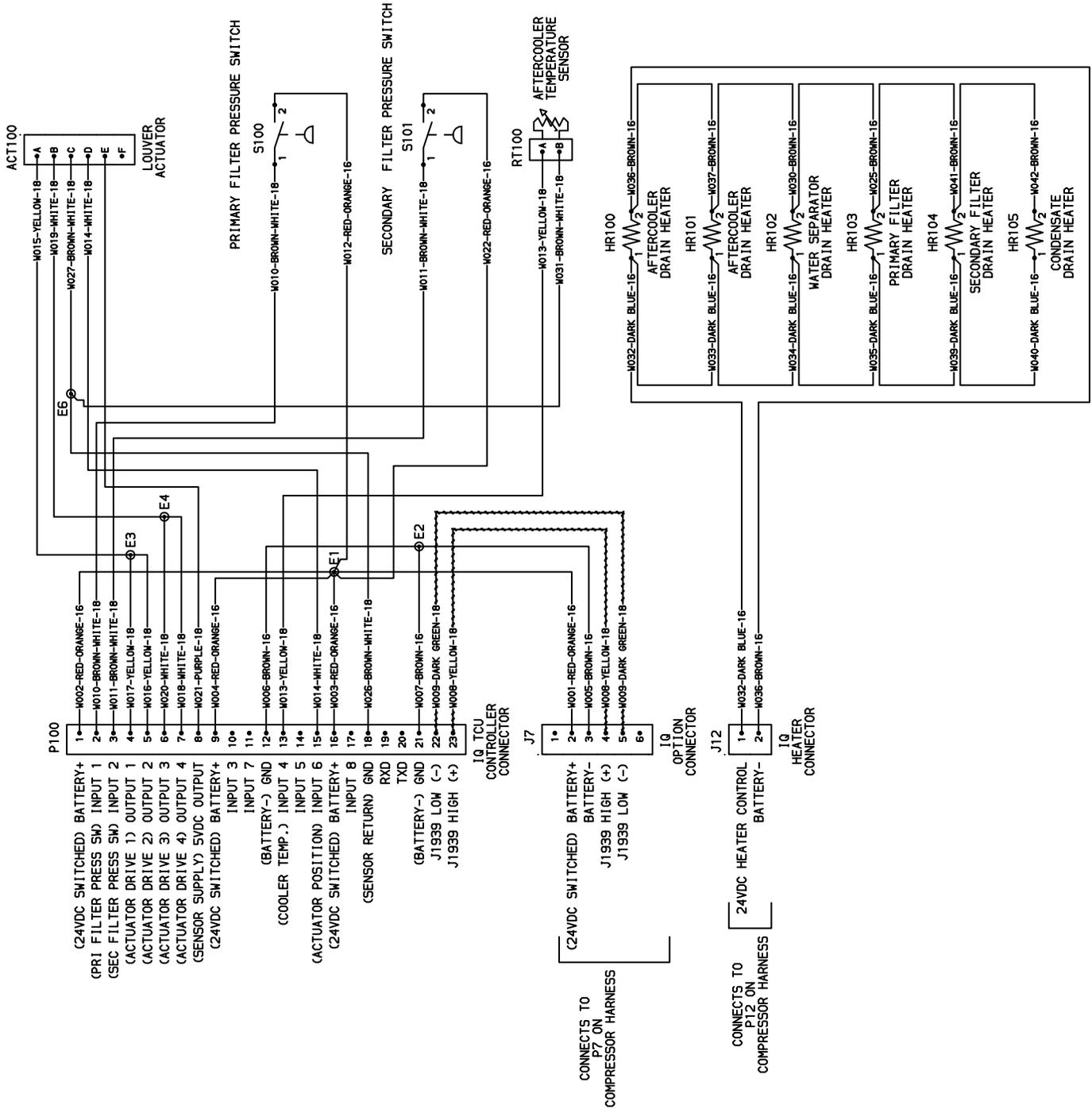
Reference Designator	Description	Part Number
L1	Fan Clutch Control Valve	46655083
	Fan Clutch Harness	46671086
D1	Diode	35376169
D2	Diode	35376169



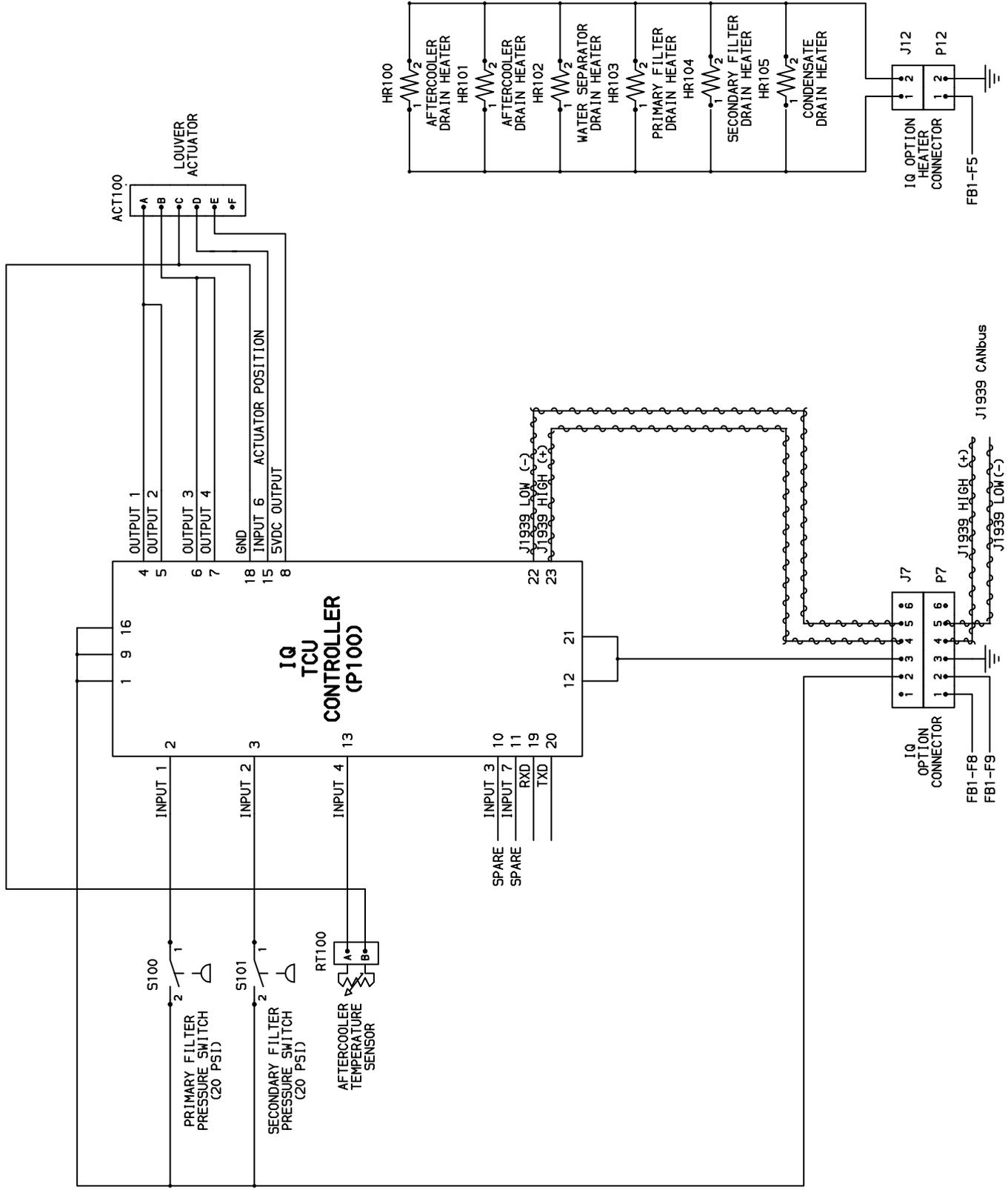
Fan Clutch Wiring Diagram 46678229 Rev. A



Ether Solenoid Wiring Diagram 46678228 Rev. A



IQ Option Harness Wiring Diagram 4656384 Rev. A



IQ Option Harness Control System Schematic 46670349 Rev. A

IQ Option HP1600/XHP1170WCU-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	245	22687784SB	15	24908923	45	35252493	109
22058564	51	22688493	19	32591285	95	35252600	155, 165
22062566	67, 81	22689418	25	35108216	179	35252782	109, 137
22063937	171, 253	22711659	243	35111731	51, 83	35253038	87, 89, 117
22063945	47, 253	22769186	53	35114057	175	35256429	175
22068282	175, 257	22774863	19	35114081	93, 95	35256445	175
22068845	159	22777767	21	35114545	109, 155, 165	35256452	175
22077515	23	22777825	21	35116615	91	35261155	141
22078190	53	22777841	21	35119718	111, 131	35264951	111, 131
22096333	257	22786974	21	35120211	83	35265388	183
22110753SB	39, 41	22789226	19	35120260	83	35268788	45, 47, 263
22110761SB	39, 41	22789242SB	19	35121847	63, 77	35271162	57, 71
22112171SB	39, 41	22817811	145	35123496	83	35272533	123
22141550	73	22857544	21	35127224	61, 75	35272541	123
22163653	83	22857551	21	35127653	87	35273366	185
22164305	247	22860449	21	35128982	179	35273408	101, 127
22201271	139	22866628	21	35129071	83	35273937	43, 97, 121
22201289	139	22866636	21	35130293	149, 153, 163, 179	35275742	125, 127
22205124	149	22866644	21	35130707	83	35277797	141
22205140	151, 161	22866669	21	35130863	139	35279025	13, 15, 17, 19, 49, 55, 57, 59, 61, 69, 71, 73, 75, 83, 89, 93, 95, 109, 111, 129, 131, 137, 141, 157, 159, 167, 179, 181, 185, 187, 191, 195, 205, 211, 217, 253, 259, 261
22207526	149, 153, 163	22870257	21	35131051	197	35279801	117
22225205	107, 129	22870265	21	35132299	109, 137	35279827	117
22225213	149, 151, 153, 161, 163	22870273	21	35135300	83	35279835	47
22225221	151, 161	22870281	21	35136423	159	35280098	111, 131, 149, 175
22226922	119	22870299	21	35141894	139	35282904	159
22243141	159	22871214	33, 35	35144328	67, 81, 117	35282912	109, 153
22265565	245	22871289	33, 35	35144336	49, 95, 155, 165, 187, 189, 191, 193, 195, 207, 209	35282987	47, 149, 175
22307706	257	22871396	25	35144492	109, 117, 137, 157, 167	35283001	149
22318125	181	22876544SB	39	35145077	109, 111, 131, 137, 179	35283076	47
22330880	61, 65, 75, 79	22876577SB	39	35148204	23	35283134	109, 129
22334916	247	22877112	21	35161025	83	35283241	159
22349765	159	22877120	21	35166404	107, 109, 129, 137, 157, 167	35283258	129
22383319	245	22877138	21	35192178	139	35283464	145
22391261	35	22877146	21	35209048	51	35283472	109, 137, 153
22392021	25	22877161	21	35221639	93	35283480	47, 113, 259, 261
22392039	25	22904882	25	35221662	55, 69	35283498	133
22392138	35	22916019	199, 213	35222538	57, 71	35283522	73
22392146	35	22929418	23	35225077	13, 47, 107, 109, 129, 147, 157, 167, 175, 181, 259, 261	35284504	109, 129, 137
22392153	35	22984660	257	35225085	61, 95, 175	35285162	51, 157, 167
22392211	33, 35	22987549	25	35225093	13, 15, 47, 117	35285600	51
22392229	35	23075302	51	35225788	179	35286426	53, 109, 137, 253
22392237	33, 35	23085079	23	35248145	111, 131, 151, 161		
22392559	35	23116270	63, 77	35248319	155, 165		
22392575	35	23148737	67, 255	35252279	67		
22392617	37	23241045	247				
22392625	37	23255193	247				
22392658	37	23255219	247				
22392666	37	23255227	247				
22392674	37	23281017	175				
22500607	61, 65	23294820	51, 119, 135, 155, 165				
22617666	187, 189, 191, 193, 195, 207, 209, 211	23294838	141, 199, 213				
		23299472	149				
		23346612	45, 147				
		23366172	181				

NUMERICAL INDEX

PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE
35286442	63,	35305648	117, 255	35355916	127	35802933	141
65, 77, 79		35306091	47	35355924	127	35820646	123
35286467	255	35306141	43	35355940	127	35856350	127
35286525	63, 77	35306679	171	35355957	127	35856418	125
35286533	59	35306687	257	35355965	127	35857036	87
35286558	59	35307131	87	35355973	127	35859354	247
35286921	255	35307719	59,	35355999	127	35863638	91
35286954	117	65, 79, 253		35356484	57, 71	35864644	127
35287010	61, 75	35309210	53, 253	35356591	13	36006732	127
35287028	59,	35310598	51	35358084	47	36017465	125
63, 73, 77		35310960	113, 133	35360775	51	36090629	19
35287044	59,	35310994	151, 161	35361849	67, 81	36501013	125
61, 73, 75, 173		35311463	99,	35365774	109, 137	36508414	125
35287739	109,	101, 105, 125, 127		35367044	183	36509388	125, 127
137, 253		35311471	151, 161	35367051	183	36511640	123
35287895	113,	35313428	61, 75	35367069	97, 121	36514602	247
117, 133		35315795	147	35367846	149	36534642	247
35287903	47,	35315977	65, 79	35369214	61, 75	36534675	247
129, 133		35316405	109, 137	35369339	57, 71	36738128	127
35287911	65,	35320696	159	35369347	57, 71	36754059	113, 133
79, 117, 171, 253		35321223	159,	35369354	57, 71	36755718	149,
35287929	65,	259, 261		35369503	57, 71	151, 153, 161, 163	
79, 109, 137, 253		35321389	115	35369800	15	36762821	141
35287952	65, 79	35322346	109,	35372010	123	36763670	43
35288026	173, 253	137, 157, 167		35375856	97, 121	36769024	117
35288166	47, 117	35322379	107,	35375963	111,	36774495	185,
35288893	111, 131	129, 157, 167		113, 131, 133		187, 189, 191, 193,	
35290253	47	35322395	57, 71	35376094	119, 135	195, 207, 209, 211	
35290352	133	35322494	107, 129	35376110	109, 145	36783488	179
35291269	129, 145	35323880	171, 173	35379934	107	36785145	257
35291285	13, 47,	35324987	109, 137	35388982	85	36786382	93
61, 73, 75, 79, 93		35325083	65, 79	35389964	67, 81, 255	36787968	183
35294461	151, 161	35325133	107	35562156	179	36788081	183
35294487	109, 129	35326560	53,	35576115	171, 173	36792836	123
35294693	253	171, 173		35579523	111, 131	36793578	257
35294735	109,	35327303	185	35581792	253	36793602	185,
137, 253		35327311	185	35581909	117	187, 189, 191, 193,	
35294750	115,	35329309	145	35584556	43, 97, 121	195, 207, 209, 211	
135, 141		35330703	51	35584689	111, 131	36793750	123
35295179	61, 75	35333830	15	35586288	149,	36794816	185,
35295344	125	35336122	123,	153, 163		187, 189, 191, 193,	
35296219	47, 113, 133	125, 127		35593201	145	195, 207, 209, 211	
35296342	51	35336130	125, 127	35600014	127	36795102	123
35296391	109, 129	35336189	149	35600022	125, 127	36795110	123
35296433	117	35346741	13, 49, 53	35600030	125	36795128	123
35297340	43	35355536	123	35600105	125	36795136	123
35298512	63, 77,	35355767	125	35600113	127	36795144	123
109, 129, 133, 137		35355783	125	35602457	125	36795151	123
35299734	47, 113, 133	35355791	127	35602796	87	36795169	123
35300193	125	35355817	125, 127	35603190	15	36797652	49, 87, 93,
35300201	127	35355825	125	35603349	185	95, 117, 185, 187, 191,	
35300532	111, 131	35355833	125	35605203	125	197, 203, 261	
35300771	51, 203	35355841	125	35605799	111, 131	36798205	123
35301506	145, 253	35355858	125	35607910	131	36799419	149,
35304047	15	35355866	127	35610203	123	153, 163	
35304666	13	35355874	127	35611235SB	87		

NUMERICAL INDEX

PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE
36841526	107,	36881118	263	37081528	107,	46548434	101
129, 147, 155, 157,		36881704	97, 121	129, 145, 159, 169		46548442	101
159, 165, 167, 169		36881886	45, 47,	39101449	103, 105	46548459	101
36842102	81,	49, 57, 63, 71, 77, 83,		39120563	109, 129	46548467	101
181, 257		87, 93, 107, 141, 147,		39125000	105, 127	46552079	169
36842318	107, 129	157, 167		39207402	139	46553075	147
36843282	185,	36882223	159	39418769	109, 129	46553971	141
187, 189, 191, 193,		36884112	113, 133	39481460	139	46554147	15
195, 197, 205, 207,		36884997	113, 133	39577648	123	46554780	243
209, 211		36888055	25, 89	39588041	117	46554944	97, 121
36843720	119, 135	36889186	253	39929351	123	46554946	97, 121
36844074	47	36889608	45, 47,	44016442	25	46554971SA	49
36844579	159	49, 51, 53, 83, 87, 89,		46490835	51	46554974SA	49
36845014	67, 81, 255	95, 147, 157, 167, 175,		46491601	63, 77	46555680	87
36845022	67, 81, 255	185, 187, 189, 191,		46491635	247	46555796SA	49
36845600	51	193, 195, 197, 199,		46492252	63	46555801SA	143
36845725	175	201, 203, 207, 209,		46499687	147	46555803	141
36847002	39, 41	211, 213, 215		46547790	107, 129	46555804SA	143
36847200	127	36892362	177	46547816	147,	46555839	99
36847838	83	36893220	151, 153,	155, 165		46555865	103
36849925	185, 187,	155, 161, 163, 165		46547824	111,	46555952	143
189, 191, 193, 195,		36893329	247	131, 147		46555953	259, 261
205, 207, 209, 211		36893337	247	46547840	147, 153	46556142	177
36851277	127	36893634	183	46547857	107,	46556145	177
36851533SB	259, 261	36893642	183	129, 153, 163		46556146	181
36853174	263	36895746	49,	46547865	147	46556308SA	51
36853505	199, 213	53, 175, 185, 187, 189,		46547873	147	46556356	181
36853521	63, 77, 181	191, 193, 195, 197,		46547881	129,	46556378GA	187
36854701	125	199, 201, 203, 207,		147, 159		46556379GA	187
36861144	125	209, 211, 213, 215		46547915	159, 169	46556380GA	195
36861193	125	36895860	183	46547956	145,	46556381	195
36861367	123	36896579	83	155, 165, 169		46556382GA	195
36861557	103, 125	36897940	139	46547980	113,	46556385GA	197
36861839	125	36898005	111, 131	133, 159		46556388GA	195
36861847	125	36898096	47,	46548020	107, 111,	46556389GA	195
36864288	197	61, 65, 75, 79, 87, 95,		129, 131, 147, 157,		46556392GA	197
36864304	197	155, 165		167		46556397GA	189
36864346	83	36898104	31,	46548087	147	46556398GA	193
36864361	85	47, 61, 65, 75, 79, 87,		46548228	99	46556466	185
36864379	85	95, 155, 165, 175		46548236	99	46556490	53
36864676	127	36898310	155, 165	46548244	99	46556491	53
36865293	185	36898328	171, 173	46548269	99	46556492	53
36867778	85	36898450	111, 131	46548277	101	46556493GA	197
36870350SB	179	36899599	159	46548285	99	46556494	51
36870475	15	36920338	259	46548293	101	46556495	83
36877991	23	36920346	259	46548301	99	46556499	153, 163
36878049	21	36920445	107,	46548319	103	46556990	205, 245
36878254	171, 173	155, 165		46548327	101	46557109	177
36879195	59, 63, 73,	36920825	107, 129	46548335	105	46557144	153, 163
77, 83, 91, 159, 169		36921344	49,	46548350	101	46557159	139
36879203	25, 45	175, 187, 189, 191,		46548368	101	46557244	87
36879302	25, 41	193, 195, 205, 207,		46548376	101	46557245	87
36879492	45, 141	209, 211		46548384	105	46557256SB	83
36880128	15	36922144	183	46548392	105	46557260SB	13
36880995	83,	36922995	151, 161	46548418	103	46557279	185,
89, 91, 159, 169				46548426	105	187, 191, 211	

NUMERICAL INDEX

PART NO.	PAGE						
46557999 . . .	151, 161	46570201SB .	199, 213	46576543	219	46595021	227
46558459 . . .	111, 131	46570202SB .	199, 213	46576579	219	46595022 . . .	223, 237
46558799	177	46570259SB .	199, 213	46576580	219	46595023	223
46558801 . . .	153, 163	46570399SB .	201, 215	46576582	219	46595024 . . .	223, 237
46558802	177	46570400SB .	199, 213	46576740	245	46595025	229
46558803	177	46570459GA	187	46576919 . . .	111, 131	46595026	229
46558804	177	46570920 . . .	119, 135	46577201	235	46595027	229
46558805	177	46572839SA	51	46577259	225	46595028	229
46558806	177	46573339SB	15	46577260 . . .	227, 239	46595099	229
46559799	189,	46573659	253	46577263	235	46595100	229
193, 207, 209		46573862	243	46577264	235	46595139 . . .	189, 193,
46559800GA . . .	189,	46573925	243	46577519	235	195, 207, 209, 211	
193, 207, 209		46574051	243	46577520 . . .	233, 235	46595339	63, 77
46559883	247	46574086	243	46577521	233	46595520	189,
46560539SA	49	46574100	231	46578019	97, 121	193, 207, 209	
46560542SA	49	46574101	231	46578119	59, 73	46595719 . . .	157, 167
46560680	45	46574102	231	46578120	59, 73	46595720	159
46560718	141	46574103	231	46578199SB . . .	63, 77	46595800 . . .	167, 169
46561060SB . . .	199,	46574104	231	46578804	15	46595801	139
201, 213, 215		46574119	231	46579439	235	46597139	63, 77
46561524	141	46574421	221	46579440	235	46597199	239
46561525SA	143	46574422 . . .	221, 225	46579823	225	46597220	241
46561720 . . .	151, 161	46574424	219,	46580700SB	83	46597222	241
46561721	149	221, 225		46580979	59,	46597223	241
46561939	51	46574425	219,	65, 73, 79		46597224	241
46561940	51	221, 225		46581099SB	87	46597225	241
46561941	149,	46574426	219,	46582799	175	46597339	237
153, 163		221, 225		46584719SB	253	46598639	203
46562044GA	209	46574427 . . .	221, 225	46584822SB	253	46599760	103
46562054GA	211	46574428	225	46584919	87	46601059	205
46562055GA	211	46574443	221	46585559SB .	159, 169	46601060	205
46562056GA	211	46574449 . . .	221, 225	46586480SA .	109, 137	46601123 . . .	155, 165
46562058GA	211	46574479	233	46586499	55, 69	46602139GA	197
46562179SB . . .	13, 17	46574480	233	46586563	247	46602519	197
46562499	147	46574481 . . .	233, 235	46586599	245	46602539	231
46564984	177	46574482 . . .	233, 235	46586779	73	46604159	107,
46564985	177	46574483 . . .	233, 235	46586779SB	59	113, 129, 133	
46564986	177	46574485	233	46587019SB	181	46605126	91
46565099	245	46574486	233	46587079	257	46605128	91
46565479	177	46574499	223,	46587259	245	46606119	61, 75
46565979	67	227, 237, 239		46587460	53	46606179	99
46566779	83	46574500	223,	46587479	97, 121	46606181	101
46566919SB . . .	13, 17	227, 237, 239		46588919GA	207	46606721 . . .	157, 159
46566921SB . . .	13, 17	46574501	223,	46590259SB	17	46607399 . . .	155, 165
46567039	181	227, 237, 239		46590419	179	46607441	147
46567879SB .	201, 215	46574679SB	181	46590420	179	46607442 . . .	153, 163
46568319GA	191	46576459	219	46590421	181	46607444	205
46568519	141,	46576460	219	46590459	231	46607640	259
153, 163		46576461	219	46591539	57, 71	46607641	259
46568771	61, 65	46576463	219	46593959	109,	46607721	259
46568879GA	185	46576479	219	137, 157, 167		46607824 . . .	155, 165
46568880	185	46576480	219	46594302	177	46607825	145,
46569259	177	46576481	219	46594960	57	155, 165	
46570099 . . .	119, 135	46576540	219	46594999	229	46607979	103
46570199SB .	201, 215	46576541	219	46595019 . . .	227, 239	46608168	261
46570200SB .	201, 215	46576542	219	46595020	227	46608801	147

NUMERICAL INDEX

PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE
46608803	157, 167	46620859	109,	46635061	155, 165	46651143	87
46609059	139	137, 141		46636141SA	49	46651144	87
46609159	103	46620860	141	46636459	107	46651178	93
46609160	103	46620880	141	46636464	177	46651214SB	89
46609161	103	46621316	245	46636560	177	46651298GA	187
46609165	105	46621443	105	46636561	177	46651321SB	203
46609199	59, 63, 73	46622061GA	197	46636563	175	46651329	93
46609799	59, 73	46622062GA	197	46640861	91	46651331	93
46610699	99	46622217	115	46641379	93,	46651334	93
46611859	105	46622471	115	95, 171, 173		46651335	93
46612699	169	46622500	117	46641422	53	46651336	93
46612740	87	46622649	257	46641460SB	17	46651347SB	203
46613540GA	185	46622743	117	46641490	93	46651352GA	187
46614401	155, 165	46622759GA	197	46641521	93	46651370	95
46614402	153, 163	46622765	117	46641633	177	46651371	95
46614403	153, 163	46622775	115	46641757SB	13, 17	46651375SB	159
46614404	149,	46622776	117	46643008	45	46651406	93
153, 163		46622778	117	46643140	91	46651413	93
46614405	151, 161	46622779	103	46643141	95	46651420	175
46615380	43	46622780	117	46643146	177	46651469	87
46615382	45	46622791	117	46645121	147	46651471SA	49
46615739	141	46622805	117	46645419	91	46651472SA	49
46615979	181	46622920	231	46645420	91	46651477SA	49
46618986	101, 105	46622921	231	46645679	203	46651528	87
46619239	103	46622960GA	185	46645703	55, 69	46651586SB	89
46619270	99	46622961GA	191	46646979	83	46651622SB	95
46619271	99	46622963GA	191	46646980	51	46651709SA	89
46619272	99	46622964GA	193	46647799GB	45	46651713GA	187
46619273	99	46622965GA	189	46648199SB	89	46651716SB	95
46619274	99	46622968GA	185	46648639SB	89	46651719	87
46619275	99	46622969GA	205	46649240SA	141	46651738SB	93
46619276	117	46623036	197	46649259GA	89	46651744	221
46619277	101	46623828	117	46649430	109, 137	46651745	221
46619278	105	46623999	99	46649431GB	203	46651746	221
46619281	99	46624081SA	111	46649501GB	203	46651747	221
46619400	99	46624100GA	209	46649599	95	46651748	223, 237
46619401	99	46624182GA	207	46649981SA	141	46651749	221
46619402	99	46624546SB	39	46650022	93	46651751	157, 167
46619403	101	46624600SB	39	46650125	49	46651754	221
46619404	101	46625132	155, 165	46650305	245	46651774	221
46619405	105	46625461SB	155, 165	46650393SB	45	46651840	89, 261
46619406	105	46625516	151, 161	46650395SB	83	46651873SB	253
46619407	103	46625517	155, 165	46650882SB	93	46651939	13, 93
46619408	105	46626304	103	46650952	53	46651973	91
46619410	101	46627142	75, 79	46650999SA	53	46651992SB	93
46619411	101	46627460	115	46651000GA	197	46652058SB	87
46619412	101	46627819	93	46651016	13, 17	46652201	247
46619418	115	46627982	115	46651027SB	89	46652239GA	197
46619643	141	46628021	59, 73	46651028SB	89	46652291SA	175
46619887	139	46628068	155, 165	46651029SB	89	46652310	231
46619888	139	46628161	145	46651125	93	46652346SA	147
46620082	141	46630599	111, 131	46651126	93	46652350	93, 95
46620443GA	185	46632079	111, 129	46651130SA	89	46652351	93,
46620521GA	185	46632179SA	157, 167	46651131	87	95, 171, 173	
46620820	105	46633401	159	46651132	87	46652352	53
46620821	103	46634884	159	46651142SB	203	46652354	95

NUMERICAL INDEX

PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE
46652356	53	46663201GA	191	46674062	151, 161	54739032	159
46652453SA	107, 129	46663260	175	46674248	169	54739040	159
46652479SA	217	46663261	177	46674252	159	54744156	141
46652480SA	217	46663263	177	54392626	261	54749155	257
46652547	95	46664105	87	54392634	261	54749205	247
46652550	197	46666162	247	54393210	149, 153, 163	54762190	55, 69
46652618	245	46666318	109, 129	54413117	243	54765946	145
46652621	81	46666638	261	54422522	51	54774591	247
46652733	81	46666639	261	54444427	51	89297618	155, 165
46652867	75, 79	46666788	45	54480298	259, 261	9026290	127
46652904	95	46667040	97	54489109	65, 79	92368687	43, 63, 77, 87, 175, 181, 185, 187, 189, 191, 193, 195, 197, 199, 201, 203, 207, 209, 211, 213, 215, 257
46652926SB	13	46670232	25	54489125	65, 79	92398239	125
46652927SB	13	46670315	31	54496773	257	95000410	115, 125
46652928SB	17	46670317	29	54568753	245	95013728	119, 135, 141
46653145SB	55, 67	46670318	33	54568761	247	95016283	119, 135, 141
46653146SB	55, 67	46670319	33	54568779	245	95026290	105, 127
46653158	43	46670320	33	54568787	245	95032074	159
46653161	43	46670321	33	54568795	245	95052239	13, 17
46653272	117	46670322	33	54568803	247	95052247	13, 17
46653409	95	46670325	33	54570122SB	43	95053047	143
46653410	139	46670326	33	54604921	245	95064671	53
46653644SA	49	46670327	33	54604939	247	95069522	127
46653661SB	181	46670328	29	54604962	247	95095659	147
46654478	249	46670329	33	54604970	245	95104196	115
46654753	157, 167	46671024	45	54604988	247	95219739	171
46654795	171, 173	46671027	15	54605027	247	95219747	55, 69, 75, 79, 139, 145, 171, 173
46654796	53	46671028SB	13	54613369	97, 121	95220851	45
46654935	263	46671086	45, 47	54629902	247	95223178	125
46654936	263	46671239	45	54637897	123, 125, 127	95225116	119, 135, 141
46654937	263	46671454	115, 135	54637905	121	95245288	111, 131, 147
46654938	263	46673152	33	54641006SA	199, 201, 213, 215	95245353	159, 169
46654984	81	46673235SB	199, 201, 213, 215	54661426SA	49	95249975	53
46654984SB	69	46673356	43	54668314	149, 153, 163	95257333	257
46654985	81	46673702	33	54687504	149, 153, 163	95264776	51
46654985SB	69	46673729	33	54699400	245	95279105	61, 65
46655068	45	46673729	33	54700943	155, 165	95279394	59, 61, 65, 73, 75, 79
46655082SB	47	46673730	33	54706825SB	179	95280541	141
46655083	47	46673732	33	54715479	179	95287629	153, 159
46655196SB	47	46673733	33	54715941	257	95293320	61, 75
46655200SB	47	46673735	33	54718184	189, 193, 195, 197, 207, 209, 211	95303376	117
46655240	47	46673737	33	54720719	47, 259, 261	95340428	103, 125
46655717	47	46673740	33	54726575	61, 65, 75, 79	95357976	139
46656790	93	46673742	31, 33	54731617	159, 169	95358040	119, 135, 149, 151, 153, 155, 161, 163, 165
46656828	247	46673743	33	54731625	159		
46656863	51	46673745	31	54735204	159, 169		
46656946	175	46673752	31	54738992	159		
46663048SB	87	46673753	29	54739008	159		
46663052GA	191	46673754	29				
46663053GA	191	46673755	29				
46663101GA	191	46673756	29				
46663130	177	46673757	29				
46663164	225	46673758	29				
46663165	225	46673762	33				
46663166	225	46673766	27				
46663177	225	46673767	27				
46663178	225	46673768	27				

NUMERICAL INDEX

PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE
95365078	117	95928255	67	95939492	15, 39	96700919	97, 121
95365094	47, 109, 129, 145	95928800	177, 183, 257	95940946	149, 151, 153, 161, 163	96701487	101, 125
95415667	149	95929006	53	95941811	81	96701743	159
95431292	115, 139	95929089	149, 151, 153, 155, 161, 163, 165	95942553	83	96701750	39
95437141	67			95942611	183	96702279	47
95452025	159	95929139	19, 143	95944104	141	96702295	99, 105, 123, 127
95475349	115	95929782	53	95944567	153, 163	96702428	197
95475604	107, 129	95930301	145	95944633	109, 137, 153, 163	96702824	61, 75
95487773	55, 69	95934253	43	95947149	149	96703012	29, 31
95500369	111, 131	95934279	253	95948501	109, 137	96703962	39
95533469	99	95934303	53	95948501	109, 137	96704309	59, 63, 73, 77
95592283	55, 69	95934386	141	95951398	153, 155, 163, 165	96704408	47, 63, 77, 89, 107
95642484	113, 133	95934477	45	95951422	117	96704630	25, 41
95650529	123	95934550	129	95953410	141	96705025	45
95772562	159, 169	95934618	109, 137	95953428	117	96705504	135
95910048	111, 131	95934626	97, 111, 121, 131	95953535	55, 69	96706080	103, 125
95919676	19	95934634	147	95953790	153, 155, 163, 165	96706262	103, 123
95920336	19	95934782	111, 131	95953873	55, 69, 139	96708391	99
95920708	139	95934816	181	95953949	141, 171, 173	96712179	127
95922126	183	95934998	57, 71, 111, 131, 185, 197	95953956	65, 79	96712187	99, 125
95922282	15	95935003	15, 111, 131, 143, 147, 149, 153, 159, 163	95954038	119, 135, 149, 151, 161	96716014	39
95922902	149, 153, 163	95935011	43, 111, 131	95954079	39, 41	96716139	101, 125
95922910	13	95935029	107, 111, 117, 129, 155, 165	95954095	153, 163	96719810	39
95922928	143	95935037	109, 137, 169, 179, 185, 253, 261	95954202	53	96721154	95
95923058	181	95935052	119, 135, 149	95954251	147	96725130	105
95923207	19	95935185	253	95954285	55, 69	96727193	175, 205
95923298	107, 111, 129, 131, 155, 165, 181	95935193	139	95954814	149, 153, 163	96728555	39
95923314	111, 131, 185	95935201	15	95973228	59	96730395	15
95923322	19, 179, 253	95935599	83	95987970	115	96730411	169
95923330	111, 131	95936027	253	95990321	117	96735543	61, 75
95923348	19	95938205	103, 105	95990735	13, 17	96738844	175
95923363	15, 19, 43			95994877	39, 41	96741962	141
95928040	141, 171, 173			95996179	15, 39	96742465	105
95928172	171, 173			95996187	15, 39	96746078	59, 63, 73, 77
				96700901	13, 17	96951421	53
						96952874	47, 113

WORD INDEX

A

Actuator, Linear	155, 165
Adapter	
-1/2" NPT X -8 JIC	109, 137
1/2" NPT X -8 JIC	253
1/2" NPT X 8 JIC	53
1/2" NPTF X 1/4" NPTF	109, 137
3" NPT X Flat-Face Flange.	151, 153, 155, 161, 163, 165
3/8" NPTF X 9/16" - 18.	93
Barbed 3/8" Hose X 1/4" NPT.	51
Heater Hose	53, 171, 173
M14 - 1.5 X 1/4" NPT w/O-Ring	47, 259, 261
Adapter, Barbed	
1" X 3/4" NPT	45
Adjuster	
For Knott Axle	37
Aftercooler	
High Pressure, XHP.	155, 165
High Pressure, XHP, PED	155, 165
Aftertreatment	
DPF EI - EO, QSX15, T4F	91
SCR EI - EO, QSX15, T4F	91
Air Cleaner Assembly	83
Airend	
HR350, RA11	97
XHP 1170 2.5	121
Alarm	
Audio Signal	257
All Thread	
M12 - 1.75 X 590 Stainless Steel	159
Angle	
DEF Tank Support, Tandem	93
DPF Guard, HSRG	89
DPF Guard, STRG.	89
Antenna	
Telematics.	263
Arm	
Steering	31
Tank Cover Davit.	143
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	191
Drip Pan Access, Curbside.	201, 215
Drip Pan Access, Streetside.	199, 213

Front Inlet	199, 201, 213, 215
Inner Inlet, Curbside	201, 215
Inner Inlet, Streetside.	199, 213
Outer Inlet, Curbside	201, 215
Outer Inlet, Streetside	199, 213
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	217
Drip Pan, Streetside.	217
Battery	
12 VDC.	179
Battery Charger	
24 VDC.	257
Bearing.	123, 125
CRB, 35 X 80 X 31 (NU2307).	101
CRB, 50 X 110 X 27 (NJ310)	103
CRB, 50 X 110 X 40 (NJ2310)	103
CRB, 50 X 110 X 40 (NU2310).	101
Inner.	33, 35
Outer	33, 35
TRB 55 X 100 X23.	99
TRB, 44.5 X 95.2 X 31 (HM903210/HM903249).	105
TRB, 71.438 X 127 X 36.512	99
TRB, 76 X 162 X 49.5 (9220/9285).	101
TRB, 86 X 142 X 43 (HM617010/HM617049).	101
Bearing Cone	
Inner 387A	21
Outer	21
Bearing Cup	
Inner 382A	21
Outer	21
Bearing, Rod	111, 131
Bearing, Roller	125, 127
Bearing, Tapered Roller	127
Belt	
Alternator	45
Engine Fan	45
Block	
Terminal 4-Point 3/8" Stud	181
Terminal, 8-Way X 2.	257
Bottle	
Radiator Overflow	51
Bowl	
Fuel / Water Separator.	59, 63, 73
Bracket	
7 Micron Fuel / Water Separator	59
7 Micron Fuel/Water Separator.	73
Air Cleaner	83

WORD INDEX

Air Cylinder	111, 131	3/4" NPT X 1/4" NPT Reducer	109, 137
Airend Support	97, 121	35 MM X 30MM	31
Battery Disconnect	181	50 MM X 30MM	31, 33
Blowdown Valve Mounting	157, 167	Drive Coupling	97, 121
Cable Clip	117	Reducer 1/2" NPT X 3/8"	159
Circuit Breaker	181	Reducer 3/4" NPT X 1/2" FNPT	171, 173
Clamp Support	51	Reducer 3/8" NPT X 1/4" NPTF	159
Coolant Control Valve	93	Reducer, Hex, 1/4" NPTF X 1/8" NPTF	153, 163
Cross Mount	107, 129	Bushing, Hex	
DEF Hoses	95	Reducer 1/4" NPT X 1/8" NPTF	145
Engine Support	43	Bushing, Hex Reducer	
Exhaust Support	87	3" NPT X 2" NPTF	155, 165
Fan Clutch Control Valve	47	3/4" NPT X 3/8" NPTF	65, 79
Front Mount	13, 17	Bushing, Reducer	
Fuel Pump Mounting	63, 77	1-1/2" NPT X 3/4" NPT	55, 69
Fuel/Water Separator Filter	63, 77	1/2" NPT X 3/8"	169
Fuse Block & Terminal Block	181	1/4" NPT X 1/8" FNPT	107, 129
Harness Support	13, 17	3/4" NPT X 1/2" FNPT	141
Hose Clamp	47, 49	3/8" NPT X 1/4" NPTF	169
Hose Clamp, Fan Clutch	47	Bushing, Reducer, Female	
IQ Filter Mounting	159, 169	3/4" NPT X 1/4" NPT	153, 163
Louver Actuator	155, 165		
Mounting MC-3	263	C	
Murphy Oil Level	253	Cable	
NOX Sensor	87	9-Pin Split Connector	255, 263
Pipe Air Intake	83	Battery Jumper 200mm	179
Pipe CAC	83	Battery Negative 450mm	179
Pressure Indicator	159	Battery Positive 1750mm	179
Pressure Switch	259, 261	Battery Positive Stud to Stud 525mm	181
Radiator Tube Clamp	51	Roof	197
Rear 3-light	197	Cable Tie	
Rear Mount, Wagon	17	1/8" X 8"	47
Regulator Mount	147	5/16" WD X 14.5"	13
Service Pipe Mounting	149, 153, 163	Cap	
Sight Glass	141	-12 JIC	61, 75
Tailpipe SPRT	87	-4 JIC	257
Tandem Rear Mount	13	-6 JIC	115
Top, Sight Glass	141	-8 JIC	61, 75
Turbo Guard to Engine	45	Dust	33
XHP IQ Filter Mounting	159, 169	External DEF Fill	93
Bracket, Anti-Rumble Valve	109, 137	Fuel Filler	67, 81
Bracket, Support	61, 75	Grease Plug	21
Brake Assembly		Radiator	53
Cable And Lever	25	Cap, Rain5" EPA	87
LH Electric	21	Case, Gear	123
RH Electric	21	Chain	
Brake Cable Assembly	25	Safety	15
Brake Shoe		Channel	
Complete For Knott Axle	37	Acoustic, Bottom Splitter, 4"	203
Breaker		Acoustic, Top Splitter, 4"	203
Thermal Circuit 150A	181	Clamp	
Bumper		1 1/2" ID Rubber Coated Support	175
Rubber	185	11/16" ID Rubber Coated Support	175
Bushing		14"	91
1-1/2" NPT X 3/4" NPTF Reducer	139	15/16" ID Rubber Coated Support	175
3" NPT X 2" NPT Female Reducer	153, 163	2" Rubber Support	111, 131

WORD INDEX

2-3/8"	93	Clamp, T-Bolt	
5" OD Tube Seal	87	5-1/2" Nom. ID	83
Cable Nylon 3/8"	177	6-3/4" Nom. ID	83
Cable Nylon 5/16"	177	8-7/8" Nom. ID	83
Cable Nylon 5/8"	177	Clamp, T-Bolt 2-7/8" - 3-3/16" ID	51
Constant Tension #12	53	Clamp, Worm Gear	
Exhaust, Spherical Marmon, 5"	91	13/16" to 1-1/2"	45
Hose #10	171, 173	Clip	
Hose Constant Tension, #10	95	Battery Frame	179
Hose, Constant Tension, #10	93	Clutch	
Muffler	141	Fan	45
Rubber Coated, Support, 13/16" ID	95	Compressor	
Support 3/8" Rubber Coated	259, 261	24 VDC	111, 131
Support 9/16" Rubber Coated	181	Connector	
Support, 1-1/16"	93	-10 JIC X 1/2" NPT	255
Support, 1/12" ID	47	-10 JIC X 7/8" -14 UNF SAE O-Ring	117
Support, 1/2", Rubber Coated	117	-12 JIC X 3/4" -16 UNF SAE O-Ring	117
Support, 13/16" ID	93	-12 JIC X 3/4" NPT	55, 69, 75, 79, 139, 145
Support, 3/8" ID	89, 117	-4 JIC X 1/4" NPT	109, 129, 137, 153
T-Bolt, 5-29/32" ID	91	-4 JIC X 1/8" NPT	153, 159
V-Band 4"	87	-4 JIC X 7/16" - 20 w/O-Ring	129, 133
Clamp, Hose		-4 JIC X 7/16" -20 UNF SAE O-Ring	47
1-5/16" - 2-1/4"	55, 69	-6 JIC Bulkhead	149
13/16"	47, 61, 75	-6 JIC X 1/4" NPT	145
Clamp, Hose Wormgear		-6 JIC X 1/8" NPT	111, 131
1/4" - 5/8" ID	51	-6 JIC X 3/8" NPT	109, 137, 157, 167
7/16" - 3/4" ID	51	-6 JIC X 9/16" -18 UNF SAE O-Ring	47, 117
Clamp, Marmon		-6 JIC X 9/16" -18 UNF SAE w/O-Ring	117
5" X 70°	87	-8 JIC X .9/16" -18 UNF SAE O-Ring	117
Clamp, Muffler	87	-8 JIC X 1/2" NPTF	53
5"	87	-8 JIC X 1/4" NPT	109, 129
Clamp, Pinch		-8 JIC X 3/4" -16 UNF SAE O-Ring	47, 117
1-3/8" - 1-1/2" SST	93	1/2" X 3/8" Barbed	53
Clamp, Rubber Coated Support		1/4" FNPT X 3/8" Tube	57, 71
1" ID	95	1/4" NPT X -6 JIC	169
Clamp, Saddle		1/4" NPT X 3/8" Tube	57, 71, 155, 165
2"	139	1/4" NPTF	151, 161
2.5" ID	51	1/4" NPTF Ball Check Valve	111, 131
4" ID	51	3/4" - 16 X -6 JIC	109, 129
6" ID	83	3/4" FNPT X -12 JIC	61, 75
Clamp, Spring Loaded T-Bolt		3/4" NPT X -12 JIC	171, 173
3-1/4" - 3-1/2" ID	51	3/4" NPT X -8 JIC	171
4" - 4-5/16" ID	51	3/8" NPT X 3/8"	13
Clamp, Support	61	3/8" NPT X 3/8", w/ O-Ring	145
1/12" ID	13	4" Ribbed	51
1/2" ID Rubber Coated	15	5/32" Orifice	109, 137
1/4" ID (Mount Using Existing Screw Mounting Ether Bottle)	263	9/16" X -8 JIC - 18 w/O-Ring	113, 133
11/16" ID	13	Hose, 3/8" NPT X 3/8" Push Lock	93
11/16" ID Rubber Coated	47, 107, 147	JIC X 1/2"NPTF	53
11/16" Rubber Coated	109, 129	M18 X -8 JIC	47, 253
13/16" ID	13, 73, 79	Connector, Bulkhead	
15/16" ID Rubber Coated	95	-8 JIC X 1/2" NPT	141
3/8" ID	87	Connector, Female	
3/8" Rubber Coated	157, 167	3/4" NPT X -8 JIC	61, 75
9/16" Rubber Coated	57, 71	Connector, Swivel	
		3/4" - 16 X -8 JIC	53

WORD INDEX

Connector, Swivel Nut			
1/4" NPT X -6 JIC	149		
Controller			
Fan Clutch	47		
Titan Large Compressor	175		
Titan, Generic	257		
Controller Assembly			
IQ TCU	175		
Cooler Assembly	51		
Cooler, CAC	53		
Cooler, Oil	53		
Coupler			
3/4" Quick Connect Female	65, 79		
3/4" Quick Connect Male	65, 79		
Coupling	125, 127		
1/8" NPT X 3/4"	83		
Coupling Assembly			
Drive AC	97, 121		
Cover			
Battery	179		
Bearing	127		
Bearing, HR350	103		
Bearing, Machining, HR350	105		
Cooler Access	49		
DEF Hoses	95		
Fuel Fill	255		
Fuel Tank Cleanout	67, 81		
Fuel Tank Filler	81		
Fuse/Relay Center	181		
Instrument Panel Rear	175		
Oil Seal	123		
Rear Bearing	127		
Safety Valve, Pressure Relief	117		
Switch Padlockable	177		
Cover/Fuel Fill	67		
Cross			
1/4" FNPT	107, 129		
Cuff			
Brake Rod For Knott Axle	37		
Cylinder, Air	111, 131		
D			
Decal			
24" X 11" Doosan Tri-Colored Boxes	243		
3-Part Warning	247		
55" Doosan Logo	243		
AC Air Valves	247		
AC Logo	247		
AC Operation Diagram	153, 163		
AC Valve Operation	247		
Auto Start/Stop	257		
Battery Charger	257		
Battery Disconnect	245		
Canadian Transport	245		
Central Drain	247		
Collapsing Jack	247		
Conspicuity 2"	247		
Conspicuity White 2" X 12"	247		
Containment	247		
DEF Corrosion	247		
DEF Drain	247		
Diesel Exhaust Fluid	247		
Door Under Pressure	247		
Doosan 33" Black Website	243		
Dual Pressure Valve Operation	147		
Emergency Stop	247		
Environmental	243		
Exhaust Gas	247		
Fuel Return	205		
Fuel Supply	205		
Galvannealed	243		
Guards in Place	245		
Hazardous Voltage	247		
Hot Pressurized Fluid	247		
Hot Radiator Fill	247		
Hot Surface	247		
Improper Operation	245		
IQ Air Valves	247		
IQ Logo	247		
IQ Operation	245		
IQ Valve Operation	247		
ISO Combustible	245		
ISO Fall Off Unit	247		
ISO High Pressure Air	245		
ISO Lift Point	245		
ISO Oil Fill	245		
No Weld	247		
Noise Emission	247		
Oil Level	245		
Operating Instructions	245		
Operator Panel Interpretation T4F	245		
Overflow Bottle	245		
Remote Fuel Tank Valve	205		
Rotating Fan	245		
Separator Tank Drain	247		
T4 Engine & Compressor Oil	245		
Tow Notice	245		
Ultra Low Sulfer Diesel Fuel	245		
Ultra Low Sulphur	205		
VIN	247		
XHP1170 Gradient Model Number	243		
XHP1170 Gradient Model Number, PED	243		
Decal Sheet			
EEC	249		
Door			
Control Panel	185		
Cooler Access	189, 193, 207, 209		
Front	185		
Lift Bail Access	197		
Radiator Fill	197		
Rear	211		
Rear, Tandem	195		

WORD INDEX

Side Access	187
Side Access, Hinge, LH	191
Side, Louver Bottom	191
Dowel	123, 125, 127
Drawbar	
Wagon	29
Drawbar Assembly	15
Wagon	27
Drum	35
Dust Cap	35

E

E-Stop Assembly	175
Elbow	
-10 JIC X -10 JIC Female	255
-6 JIC X 9/16" -18 UNF W/Orifice Insert. . . .	117
-8 JIC X 1/2" NPT 90°	141
1-1/4" NPT X 1-1/4" NPT	141
45° -4 JIC X 1/4" NPT	113, 133
45° -4 JIC X 9/16" -18 UNF SAE w/O-Ring .	113
45° -6 JIC X 1/4" FNPT	107, 111, 129, 131
45° -8 JIC X 1/2" NPT	141
45° 1/4" - X -4 JIC	129
45° 1/4" NPT X -4 JIC	259, 261
45° 1/4" NPT X -6 JIC	147, 157, 167
45° 1/4" NPT X 3/8" Tube	47
45° 1/8" NPT	145
45° 3/4" NPT X -8 JIC	61
45° 3/4" NPTF X -12 JIC	65
45° 9/16" - 18 X -6 JIC	47
45° JIC -4 X 1/2" UNF SAE O-Ring	47
45°, -4 JIC X 1/4" NPTF	159
45°, -4 JIC X 1/4" NPT	107
90° - 24 JIC X 1 - 7/8" - 12 UNF SAE w/ O-Ring	139
90° - 24 SAE X -32 JIC	139
90° - 8 JIC X 7/8" - 14	73
90° -12 JIC X -12 JIC Female	145
90° -12 JIC X 1-1/16" -12 UNF SAE, O-Ring.	115
90° -12 JIC X 1-1/16" -12 w/O-Ring.	135
90° -12 JIC X 3/4" NPTF	109, 137
90° -24 JIC X 1-7/8" -12 UNF SAE, O-Ring .	115
90° -4 JIC X -4 JIC Female	133
90° -4 JIC X 1/4" NPT	113, 133
90° -4 JIC X 1/4" NPTF	145
90° -6 JIC X -6 JIC Female	145
90° -6 JIC X 1/4" NPT	147
90° -6 JIC X 1/8" NPT	147
90° -8 JIC Swivel	171
90° -8 JIC X -8 JIC	141
90° -8 JIC X -8 JIC Female	65, 79
90° -8 JIC X 1/2" NPT	109, 137
90° -8 JIC X 3/4" NPTF	173
90° 1-1/16" - 12 X -12 JIC w/O-Ring	141
90° 1/2" NPT X -8 JIC	53
90° 1/4" - X -6 JIC	107, 129

90° 1/4" FNPT X -6 JIC	111, 131
90° 1/4" NPT	147, 153, 163
90° 1/4" NPT X -6 JIC	149
90° 1/4" NPT X 3/8" Tube	57, 71
90° 1/4" NPTF X - 6JIC	175
90° -10 JIC X 5/8" SAE	63
90° 3/4" NPT x -10 JIC	73
90° 3/4" NPT X -10 JIC	59, 61, 65, 75, 79
90° 3/4" NPT x -8 JIC	73
90° 3/4" NPT X -8 JIC	59, 61, 63, 65, 75, 77, 79
90° 3/8" NPT X -10 JIC	63, 77
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	77
90° 9/16" - 18 X -6 JIC	47
90° 9/16" X -4 JIC - 18 w/O-Ring	129, 145
90° Extra Long -8 JIC X 3/8" - 18 NPT. . .	63, 77
90° Street 3/4" NPT	171, 173
90° Street M27 - 2.0 X -12 JIC	171
90° Swivel Nut -8	253
90°, -10 JIC X -10 JIC Female	117
90°, -12 JIC	253
90°, -12 JIC X 1-5/16" -12 UNF SAE O-Ring.	117
90°, -12 JIC X 3/4" NPT	253
90°, -4 JIC X 1/8" NPT	159
90°, -4 JIC X 9/16" -18 w/O-Ring	109
90°, -6 JIC X 1/4" NPT	159
90°, -6 JIC X 9/16" -18 UNF SAE O-Ring .	117
90°, -8 JIC X -8 JIC	117
90°, -8 JIC X 3/4" -16 UNF SAE O-Ring . . .	117
90°, 1/2" NPT X -8	253
90°, 1/4" NPT X -4 JIC	159
90°, 3" NPT	149
90°, 3/8", J2044 X 3/8" Hose Barbtail	95
90°, M27 X -12 JIC	253
90°, -4 JIC X 1/8" NPT	257
Exhaust, 5" Spherical Flare X 5" Spherical Marmon	91
Exhaust, 90 Deg., 127 Dia., 199 Inlet, 166 Outlet	91
Filter Outlet	115
Elbow, Discharge	
3"	141
Elbow, Rubber	
90°, 5"	83
90°, 8" ID	83
Elbow, w/O-Ring	
90° - 10 JIC X 7/8" - 14	73
Element	
Coupling	97, 121
Filter	159
Fuel Filter	63
Fuel Filter 7 Micron	59, 73
Oil Filter	115, 135
Primary	85
Safety	85

WORD INDEX

Separator	143
Temperature, 150° F	139
Engine	
Cummins QSX15-T4F, No Fan Drive.	45
Expander	
For Knott Axle	37
Eyebolt	
5/16" - 18	185
F	
Fan	
56" 10 Blade	45
Fiberglass	
Acoustic Splitter, 4"	203
Filter	
DEF, Pump	95
Fuel / Water Separator 7 Micron	59
Fuel Tank Vent 5 Micron.	57, 71
Fuel/Water Separator.	63, 77
Fuel/Water Separator 7 Micron	73
Secondary.	159
XHP Primary	159
Filter Assembly	
Dual, HR350	115
Filter Element	
Fuel Tank Vent 5 Micron.	57
Fitting	
1/8" X 1/8"	257
Orifice 0.063"	159
Fitting, Barbed	
1-1/2" NPT X 2"	55, 69
Fitting, Orifice	
1/16"	169
3/32"	155, 165
5/32"	157, 167
Flange	
Adapter 3"	119, 135, 141
Flange, Intake	113, 133
Foam	
Acoustic, Louver Box Side, 1"	225
Frame.	13, 17
Battery Holder	179
Door Curbside	191
Door Side	191
Door Streetside	187
Door Streetside Rear	187
Door, Cooler Access, Curbside	193, 209
Door, Cooler Access, Streetside	189, 207
Front Door.	185
Front Remote Fuel Door, Curbside	205
Rear Door	211
Rear Door, Tandem	195
Fuel Pump Assembly.	63, 77
Fuse	
Relay Center.	181

G

Gage	
Sight, Flat Glass Reflex	141
Gasket	113, 125, 127, 133
Bearing Cover, HR350	103
Cover	81, 255
Exhaust 4"	87
Exhaust, Spherical Marmon, 5"	91
Fuel Level Sender	67, 81
Ring	119, 135, 141
Gasket, Cover	67
Gasket, Exhaust	
5"	87
Gauge	
Airend Discharge Temperature	177
Def Level	177
Engine Coolant Temperature	177
Engine Oil Pressure.	177
Fuel Level.	177
Oil Level	253
Pressure Mechanical	177
Pressure, 0-600 PSI	153, 163
Tachometer	177
Voltmeter 24VDC.	177
Gear Set	
1170cfm @ 1800rpm	123, 125, 127
HR350, 86/45/33	99
Grease Cap.	21
Grommet	
3/4" ID	157, 167
3/4" ID X 1/8" Gap	51
Clearance Lamp	183
Reflector	183
Rubber, 1 - 1/8" X 1"	95
Guard	
Fan.	49
Turbo Cummins.	45
Guard, Wire.	123

H

Hand Hold.	83
Harness	
AC Option	169
Compressor Cummins QSX15-T4F.	43
Engine AC Heater 120VAC.	259
Engine AC Heater 240V, 3600W With Terminal Block	261
Engine Cummins QSX15-T4F	43
Ether, Solenoid, Relay	43
Fan Clutch	45
IQ Option	159
Operator Panel	177
Harness, Trailer	
Tail Light w/ 7-Way Semi-Connector	15
Head	

WORD INDEX

Filter Assembly	115	-4 JIC X 51"	133
Heater		-4 JIC X 60"	129, 145
3/4" Hex 24 VDC	155, 165	-4 JIC X 67"	107, 129
3/4" Hex 24VDC	107, 129, 157, 159, 167	-4 STR X 21"	109, 129
Battery Pad, 240V, 75W, 495MM X 267MM, 3 Pin	261	-4 X 18"	47
Cylindrical 24VDC	147	-4 X 48"	47
Dual Lead Battery Pad	259	-6 JIC X 100"	167, 169
Engine Oil Pan 120VAC 150W	259	-6 JIC X 110"	157, 167
Engine Oil Pan 240VAC 150W	261	-6 JIC X 13"	147
Single Lead Battery Pad	259	-6 JIC X 17"	147
Heater, Cylindrical		-6 JIC X 26"	109, 111, 129, 137
24 VDC	45	-6 JIC X 30"	151, 161
Heater, Hex		-6 JIC X 34"	149
3/4" 24 VDC	147	-6 JIC X 39"	151, 155, 161, 165
3/4", 24VDC	169	-6 JIC X 47"	149
7/8" 24VDC	147	-6 JIC X 88"	157, 159
Hinge		-6 JIC X 94"	107
Cooler Door Access	189, 193, 207, 209	-6 X 30"	155, 165
Door	185, 187, 191, 211	-6 X 34"	111, 131
Operator Panel Door	185	-8 JIC X -10 JIC X 38"	59
Panel SST	175	-8 JIC X 13"	109, 137
Rear Door, Tandem	195	-8 JIC X 18"	65, 79
Roof Door	197	-8 JIC X 23"	173, 253
Holder		-8 JIC x 30"	63, 77
Door	185	-8 JIC X 30"	109, 129, 133, 137
Door T-Latch 2.50	187, 189, 191, 193, 207, 209	-8 JIC X 34"	61, 75
Door, T-Latch 2 - 1/2"	205	-8 JIC X 48"	59, 65, 79, 253
Door, T-Latch 2.50	195, 211	-8 JIC X 56"	171
Door, T-Latch, 2 - 1/2"	185	-8 JIC X 77"	73
Hose		-8 JIC X 90° JIC X 48"	47
- 6 JIC X 34"	175	-8 X 381mm	141
-10 JIC X 100	255	3" Discharge Metal Flex	119, 135
-10 JIC X 12"	61, 75	Def Tank Fill	93
-10 JIC X 1223 MM	61	DEF Tank Vent	93
-10 JIC X 27"	73	JIC -6 X 34"	47
-10 JIC X 34"	65, 79	JIC -6 X 52"	47
-10 JIC X 38"	65, 73, 79	Hose Assembly	
-10 JIC X 48"	63, 77	DEF Return, Heated, 78 - 3/4"X 90°	95
-10 JIC X 48" 90° Elbow	65	DEF Suction, Heated, 78 - 3/4"X 90°	95
-10 JIC X 68 - 1/2" 90° Elbow	75, 79	Hose Assembly, Heated EPDM DEF Pressure 2.5M 90 X 90	95
-12 JIC X -10 JIC X 2032 MM	61	Hose, Coolant	
-12 JIC X -10 JIC X 21 - 1/2"	65, 75, 79	63.5mm ID X 140mm	51
-12 JIC X 138"	171, 173	Hose, Fuel	
-12 JIC X 16"	139	1-1/2" ID X 15-1/2"	69
-12 JIC X 175"	171, 173	1-1/2" ID X 2" OD	55
-12 JIC X 30"	253	Hose, Rubber	
-12 JIC X 54"	109, 145	3/8" ID	51
-12 JIC X 79"	171, 173	Hose, Silicone	
-24 JIC X 35"	139	Coolant 5/8" ID	171, 173
-4 JIC X 10"	113, 133	Coolant, 3/8" ID	93
-4 JIC X 11-1/2"	159	Coolant, 5/8"	93
-4 JIC X 14"	159	Hose, Silicone Coolant	
-4 JIC X 27"	109, 153	3/8" ID	95
-4 JIC X 34"	129	5/8" ID	95
-4 JIC X 48"	113, 259, 261	Hose, Silicone, Coolant	

WORD INDEX

3/4"	53
Hose, Straight Bellows	
4" - 3"	51
Hourmeter	
Digital	177
Housing	
Discharge, Machined, HR350	105
Gearcase, HR350	99
Interstage, Machined, HR350	101
Rotor, Machining, HR350	103
Housing, Main	123
Housing, Rear Bearing	127
Housing, Rotor	125
Hub	
Axle, Front, Wagon	33
Hub And Drum Assembly	21
Hump Hose, Rubber	
Straight 8" X 8"	83

I

Indicator	
Differential Pressure, 20 PSI	159
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	123, 125, 127
1/4" X 1-1/2"	103
12.7 X 12.7 X 35	103
16 X 16 X 70	99
19 X 19 X 40	99
Bushing	97, 121
Kit	
AC Heaters, 120V	259
AC Heaters, 240V 360W With Terminal Box	261
Ether QSX15	43
XHP IQ Filter Mounting	159
Kit, O-Ring	
72.26 ID X 1.78 WD Buna Standard	159
Kit, Spacer	
IQ Filters	159
Knob	
Control With Set-Screw	177

L

Laminate	
----------	--

Gauge Panel J1939 T4F	177
Operator Panel	177
Lamp	
Clearance Red	183
Clearance Yellow	183
Panel, LED, Red 24VDC	257
Stop - Turn & Tail	183
Utility 12/24 VDC	175
Latch	
Door	185, 187, 189, 191, 193, 195, 197, 207, 209, 211
Drawbar, Assembly	31
Lever	
3-Way Valve	61, 65, 75, 79
Brake For Knott Axle	25
Regulation	111, 131
Lever, Control	111, 131
Light	
Identification	183
License	183
Link	
Coupling	15
Steering	33
Locknut	
Conduit, 1/2" NPT	199, 213
Louver	
Aftercooler	155, 165

M

Manifold	
XHP Oil	139
Module	
Telematic	263
Module, DEF Tank Header	93
Module, Doser Fluid Supply	95
Mount	
Center Bond	43, 97, 121
Oil Replenishment Tank	253
Muffler	
Exhaust 5" Inlet/Outlet	87

N

Nipple	
1 - 1/2" NPT X 1 - 3/4"	69
1" NPT X 2"	117
1-1/2" NPT X 1-3/4"	55
1-1/2" NPT X 6"	69
1-1/4" NPT X 4"	141
1/2" X 1-1/8"	253
1/4" NPT X 1-1/2"	153, 163
1/4" NPT X 1/4" NPT	107, 129
2" NPT X 17-1/2"	169
3/8" NPT X 1"	159, 169
Extra Strong, Pipe 3" NPT X 3"	151, 161
Hex, 1/4" NPT X 1/8" NPT	111

WORD INDEX

Pipe 3/4"	141, 171, 173	M10 - 1.5	73
Pipe Extra Strong 3" NPT X 3"	149	M12-1.75	159
Short 1/4" NPT X 7/8"	159	M20 - 2.5	43
Nipple, Extra Strong, Pipe		Nut, Hex Flange	
2" NPT X 2-1/2"	153, 155, 163, 165	M06 - 1.0	61, 65, 75, 79, 95
3" NPT X 3"	153, 163	M08 - 1.25. 45, 47, 57, 71, 83, 87, 141, 157, 167	
Nipple, Hex		M10 - 1.5	59, 63, 77, 83, 169
1/4" NPT	155, 165	Nut, Hex Lock	
1/4" NPT SST	147	1" - 8.	15
Nipple, Long		Nut, Hex Lock Nylon Insert	
1-1/2" NPT X 6"	55	5/16" - 18	111, 131
Nipple, Orifice		Nut, Hex Nylon Insert	
3" NPT X 3"	149, 153, 163	1" - 8.	15, 19
Nut	21, 35	1/2" - 13	19
3/8" - 16	111, 131	1/4" - 20	111, 131, 155, 157, 165, 167
Flange, M08 - 1.25.	93	3/4" - 10	19, 43
Flange, M10 - 1.5	91	7/16" - 14	131
Hex #10 - 32 Stainless Steel	177	M12 - 1.75.	15
Hex 1/2" - 13	153, 163	M16 -2 X 50	25
Hex 1/4" - 20	181	Nut, Hex Nylon Lock	
Hex 10 - 32	183	3/8" - 16	19
Hex 3/8" - 16	253	Nut, Hex Serrated	
Hex Flange M10 - 1.5	159	3/8" -16 UNC.	137
Hex Flange Nylon Insert #10 - 24	183	Nut, Hex Serrated Flange	
Hex Lock Washer 3/8" - 16	179	M12 -1.75	25
Hex M16 - 2	39, 41	Nut, Hex, Flange Serrated	
Hex Nylon Insert 3/8" - 16.	179	M12 -1.75	45
Hex Nylon Insert M14 - 2.0.	39	Nut, Lock	123
Hex Nylon Insert, 1/4" - 20	117	1"-8.	39
Hex, 3/4" - 10	143	Nut, Locking	
Hex, 7/16" -14 UNC	111	1/4" - 20	107, 129
Hex, M06 -1.0	31	Nut, Retainer	
Jam, M16 -1.5 DIN 936	33	5/16" - 18	13, 49, 53
Lock, M70 X 2 X 12	99	Nut, Serrated Hex Flange	
Locking, 5/16" - 18.	185	1/4" -20 UNC.	109, 137
Locking, M10 - 1.5	185	3/8" -16 UNC.	109
Lug, M16 X 1.5	33	Nut, Spindle	21
M10 -8 DIN 934	25	Nut, Tube	
M16 -1.5 DIN 980-10	33	-8 JIC	113, 133
M16 X 1.5	35	Nut, Wing	85
M27 -3.0 DIN 980	29	Nutsert	
Nylock, #10 -32 UNF	257	Hex M06 - 1.0	175
Slotted, M36 -3	33	Hex M08 - 1.25	175
Tube -12 JIC	109, 137	Hex, M06 - 1.0.	187, 189,
Tube JIC -8	47	191, 193, 195, 205, 207, 209, 211	
Nut, Cone		Hex, M08 - 1.25.	185, 187, 189, 191, 193, 195,
5/8"	21	197, 199, 201, 203, 207, 209, 211, 213, 215	
Nut, Hex		M06 - 1.0	49
1/2"- 13.	149	Nutsert, Hex	
1/4" UNF	181	M08 - 1.25.	49, 53
5/16" - 18	53, 155, 165		
5/8" - 11	13		
7/16"	147		
Jam 7/16" X 20	111, 131		
M06 - 1.0	47, 87, 155, 165, 175		
M08 - 1.25.	49, 61, 63, 75, 77, 107, 147		
		O	
		O-Ring	21, 59, 123, 125, 127
		1-7/8" ID X 1/8", Viton -225 Standard	115
		2 - 1/4" ID X 1/8"	139
		2" ID X 1/8", Viton -125 Standard	115

WORD INDEX

2-11/32" ID	141
3-3/8" ID	151, 153, 155, 161, 163, 165
3-3/8" ID X 1/8" Cross Section	149
3.484 ID X .139, Viton -238 Standard	105
73.73 ID X .125 WD Viton w/Splice	101
9.00 ID X .188, Viton 2-373 Standard	105
Filter Housing	159
Std-237 3/8" ID X 1/8" WD	119, 135
Viton -248 Standard, 4-3/4" ID X 1/8"	99
Viton 2-204 Standard, 3/8" ID X 1/8"	99
Oil Seal	21
Oil, Pump	125
Orifice	
0.0135" X 0.25" NPT	109, 129
0.063" Dia. X 1/4" NPT	107, 129, 145
Curbside	49
Streetside Fan	49

P

Pan

External DEF Fill Spill	93
Louver Bottom, Drip, Curbside	201, 215
Louver Bottom, Drip, Streetside	199, 213

Panel

Acoustic Bottom Door 1"	221
Acoustic Cooler Access CS 2"	227, 239
Acoustic Cooler Access Mid Door 2"	223, 227, 237, 239
Acoustic Cooler Side Access Door 2"	223, 227, 237, 239
Acoustic Ctrl Panel Cover Rear 2"	233
Acoustic Door Bot 2"	225
Acoustic Door Bottom 2"	221
Acoustic Door Hatch 1"	231
Acoustic Door Louver Box Rear SS 2"	221
Acoustic Drip Pan Access Interior Side CS 1"	235
Acoustic Drip Pan Access Interior Side SS 1"	233
Acoustic Drip Pan Exterior Side Access CS 2"	235
Acoustic Drip Pan Exterior Side Access SS 2"	233
Acoustic Drip Pan Front Side CS 2"	235
Acoustic Drip Pan Rear CS 2"	235
Acoustic Drip Pan Rear Side CS 2"	235
Acoustic Drip Pan Rear SS 2"	233
Acoustic Drip Pan Side SS 2"	233
Acoustic Front Door Frame SS 2"	221
Acoustic Front Inlet Baffle 1"	235
Acoustic Front Inlet Baffle 2"	233, 235
Acoustic Fwd Door Frame SS 2"	221
Acoustic Inner Inlet Baffle 1"	233, 235
Acoustic Inner Inlet Baffle SS 2"	233, 235
Acoustic Louver Box Side SS 2"	221
Acoustic Louver Side SS 1"	221, 225

Acoustic Mid Door 2"	221, 225
Acoustic Mid Front Roof 1"	231
Acoustic Mid Louver Door SS 2"	221
Acoustic Mid Roof 1"	231
Acoustic Mid Roof Side 1"	231
Acoustic Mid Roof SS	231
Acoustic Outer Inlet Baffle 1"	233, 235
Acoustic Rear & Front Door Frame Side SS 2"	225
Acoustic Rear and Front Door Frame Side SS 2"	221
Acoustic Rear Door Frame Side CS 2"	225
Acoustic Rear Door Frame SS 2"	221
Acoustic Rear Roof	231
Acoustic Rear Roof 1"	231
Acoustic Rear Roof CS 1"	231
Acoustic Rear Roof SS 1"	231
Acoustic Top Door 2"	221, 225
Acoustic Top Front Door Frame SS 2"	221, 225
Acoustic Top Front Louver Door SS 2"	221
Acoustic Top Rear Door Frame SS 2"	221, 225
Acoustic, Aft CS	239
Acoustic, Aft SS	237
Acoustic, Cooler Access, CS	239
Acoustic, CS Louver Bottom, 1"	225
Acoustic, Door Center, 2"	225
Acoustic, Door Top, 2"	225
Acoustic, Louver Box Back, 2"	225
Acoustic, Side Door Frame Remote Fuel, 2"	225
Acoustic, SS	237
Base Gauge J1939 T4F	177
Base Operator Panel	177
Cooler Access Aft Acoustic CS	227
Cooler Access Panel Aft Acoustic SS	223, 237
Cooler Cleanout	49
Door Frm Cooler Access SS 2"	223, 237
Door Lower Acoustic	219
Door Middle Acoustic	219
Door Upper Acoustic	219
Fbrgl Rear Roof Extension 2"	231
Front Corner Acoustic SS	219
Front Corner Bottom Acoustic CS	219
Front Corner Inner Acoustic CS	219
Front Corner Inner Acoustic SS	219
Front Corner Louver Box Inner Acoustic SS	219
Front Corner Louver Box Rear Acoustic CS	219
Front Corner Louver Box Rear Acoustic SS	219
Front Corner Louver Box Side Outer Acoustic SS	219
Front Corner Lower Acoustic CS	219
Front Corner Lower Acoustic SS	219
Front Corner Top Acoustic	219
Front Door Frame Side Acoustic CS	219
Front Door Frame Top Acoustic	219
Front, Curbside	185
Front, Streetside, Control	185

WORD INDEX

Intake Louvered Curbside	191	Pin, Anti-Rotation	29
Intake Louvered Streetside	187	Retainer	125
Rear Corner, Streetside	211	Retaining	125, 127
Rear Corner, Tandem, Streetside	195	Serial Number	103, 185
Rear, Curbside	209, 211	Shaft Retention	29
Rear, Streetside	207	Spring Mount	33
Rear, Tandem, Curbside	193, 195	Plate,	
Rear, Tandem, Streetside	189	Clamp, 2 Stage Male	99
Roof Center Section	197	Plate, Cover	125, 127
Roof, Rear	197	Plug	125
Roof, w/Lift Bail Access, WiFi	197	1/2" NPT Pipe	253
Panel Assembly		7/8" - 14 O-Ring	59
8 Gauge	175	Expansion, 8MM Dia. X 34 MM	99
Operator T4F	175	Hex, 9/16" -18 UNF SAE, O-Ring	103
Panel, Fiberglass		Hex, Socket, 3/4" -16 UNF SAE, O-Ring	103, 105
Door Bottom	241	Hex, Socket, 7/8" -14 UNF SAE, O-Ring	103
Door Lower	229	Hex, Socket, 9/16" -18 UNF SAE, O-Ring	105
Exhaust Plenum Aft CS	227	O-Ring 7/8" - 14	73
Exhaust Plenum Aft SS	223	Oil Filler	141
Exhaust Plenum Fwd CS	227	Plug, Hex	
Exhaust Plenum Fwd SS	223	1-1/16" - 12	141
Rear	241	1/4" NPT	119, 135, 149, 151, 161
Rear Corner Inner	229	2" NPT	81
Rear Corner Outer CS	229	7/8" - 14 UNF w/O-Ring	63, 77
Rear Corner Outer SS	229	Countersink 3/4" NPT	149
Rear Door Middle	229, 241	Plug, Hex Socket	
Rear Door Top	229, 241	1/2" NPT	67
Vertical Filler	229, 241	Plug, Square Head	
Pin		2" NPT	13, 17, 67
.101" X .438"	99	3/4" NPT	13, 17
25 MM X 60 MM	33	3/8" NPT, Plastic	13, 17
35 MM X 305 MM	29	4" NPT	13, 17
50 MM X 154 MM	33	Pouch	
50 MM X 180 MM	33	Literature	199, 213
Cotter, 6 X 63	33	Pressure Transducer	
Cotter, 6.3 MM X 45	33	0-100 PSIG	107, 129
Dowel 16 MM Dia. X 32 MM	105	Pump	
Dowel, 16 MM DIA X 32 MM	101	Oil, HR350	115
Pin, Cotter	35		
Pin, Roll	123	R	
Pintle Eye		Radiator	53
Drawbar, Wagon	29	Rail	
Pintle, Eye	15	Roof Rear	197
Pipe		Roof Rear Side	197
3" Discharge	119, 135	Receptacle	
Discharge, Safety Valve	141	Quarter-Turn Clip-On	175
Piston	125	Reducer	
By-Pass Valve	103	-12 JIC X -8 JIC	109, 137
Thrust	125, 127	-6 JIC X -4 JIC	47
Thrust, MR1	101	-8 JIC X -4 JIC	47, 113, 133
Thrust, MR2	105	Reducer, Hose	
Plate		8" X 6"	83
Clamp	99, 125, 127	Relay	
Clamp, 1st Stage, Female	101	100A 24V	63, 77
Clamp, Female, 2nd Stage	105	24V SPDT	177
Inlet Clamp, 2nd Stage, Female	101		

WORD INDEX

24V SPST 100 A	181
Retainer	175
Bearing, 1st Stage, Male	101
Bearing, 2nd Stage, Female	101
Bearing, 2nd Stage, Male	101
Bearing, Male, 2nd Stage	105
Bearing, Outer HR350	101
Ring	21, 35
Drive Coupling	97, 121
Hub, Inner	33
Ring, Snap	125
Rivet	
0.187" Dia.	185, 187,
189, 191, 193, 195, 207, 209, 211	
0.19" Dia.	185
0.19 Dia. ID.	187,
189, 191, 193, 195, 207, 209, 211	
0.19" Dia. ID	197
3/16"	263
3/16" Dia., ID.	205
Drive Screw, 3.56 Dia. X 9.5.	103
Roof	
Front.	197
Rotor	
1st Stage, Female, HR350	103
1st Stage, Male, HR350	103
Rotor Set	
1st Stage	125
1st Stage, HR350	103
2nd Stage	127
2nd Stage, HR350	105

S

Screen, Scavenge	
1/4" NPT X 1/4" FNPT	109, 129
Screw	
1/2" -13 UNC X 2-3/4"	45
12 Pt, 1/2" -13 UNC X 1-1/2"	115
Carriage Round 3/8" - 16 X 1-1/4"	253
Flange, 5/16" - 18 X 75	195
Flange, M08 - 1.25 X 20.	89
Flange, M08 - 1.25 X 25.	187,
189, 191, 193, 197, 207, 209	
Hex 1/4" - 20 X 1"	181
Hex 5/8" - 11 X 1-1/4"	253
Hex Flange M10 - 1.5 X 30.	159
Hex Lock, 1/4" - 20 UNC X 5/8"	117
Hex M06 - 1.0 X 12	261
Hex M06 - 1.0 X 14	175
Hex M08 - 1.25 X 20	175, 253, 259, 261
Hex M08 - 1.25 X 25	175
Hex Socket M06 - 1.0 X 20.	175
Hex, 1/2" - 13 X 1-1/4"	143
Hex, 1/2" -13 UNC X 2"	115
Hex, 3/4" - 10 X 4-1/2"	143

Hex, 5/16" - 18 X 75"	187,
189, 191, 193, 207, 209	
Hex, Flange, - 1.0 X 20	95
Hex, Flange, 5/16" - 18 X 3/4"	95
Hex, M05 - 0.8 X 8.	93
Hex, M08 - 1.25 X 20.	205, 217
Hex, M08 - 1.25 X 25.	89, 185,
195, 199, 201, 203, 211, 213, 215	
Hex, M08 - 1.25 X 70.	93
Hex, M08 - 1.25 X 90.	95
Hex, M10 - 1.5 X 45.	197
Hex, M10 -1.5 X 25	105
Hex, M10 -1.5 X 30	101
Hex, M10 -1.5 X25.	99
Hex, M12 -1.75 X 30	99
Hex, M12 -1.75 X 40	103
Hex, M16 -2.0 X 45	103
Hex, M6 -1.0 X 12 MM	117
Hex, M6 -1.0 X 20	117
Hex, M8 -1.25 X 20	101
Hex, Serrated, 3/8" -16 UNC X 3/4"	109
Hex, Slotted, #10 -32 UNF X 1"	257
Hex, Socket, M06 -1.0 X 20	29, 31
Hex, Socket, M10 -1.5 X 20	101
Hex, Socket, M10 -1.5 X 30	99, 101, 105
Hex, Socket, M10 -1.5 X 45	105
Hex, Socket, M12 -1.75 X 35	105
Hex, Socket, M16 -2.0 X 45	99
Hex, Socket, M16 -2.0 X 60	105
Hex, Tapping, M04 -0.70 X 25	257
Hex, Tapping, M06 -1.0 X 14	257
Hex, Tapping, M08 - 1.25 X 20	95
Locking, M10 - 1.5 X 30	89, 91
Locking, M12 - 1.75 X 30	89
M06 - 1.0 X 12.	197
M08 - 1.25 X 25.	141
M12-1.75 X 60.	45
M16 -1.5 X 20 DIN 931	33
Panhead Phillips 10 - 32 X 7/8"	183
Round Head Slotted #10 - 24 X 5/8"	183
SCH250-20X075SS.	111
Set, M16 -1.5 X 40 MM	33
Tapping 10 - 32 X 1"	181
Tapping 3/8" - 16 X 3/4"	179
Tapping M04 X 25	175
Tapping M06 - 1.0 X 14	181
Tapping M08 - 1.25 X 20	179, 181
Tapping, M06 - 1.0 X 12.	93,
95, 185, 187, 191, 203	
Tapping, M06 - 1.0 X 14	185,
187, 189, 191, 193, 195, 197, 199, 201, 203,	
207, 209, 211, 213, 215	
Tapping, M06 - 1.0 X 20	203
Tapping, M08 - 1.25 X 20	89,
93, 185, 187, 191, 195, 205, 211	
Screw, Cap Hex Socket Head	

WORD INDEX

5/8" X 2-1/2"	119, 135	M08 - 1.25 X 25	45,
Screw, Flange		49, 51, 53, 83, 87, 95, 157, 167	
M08 - 1.25 X 20	47	M10 - 1.5 X 30	169
Screw, Hex	123, 125, 127	M12 - 1.75 X 25	45, 141
1" - 8 X 3-1/2"	15	Screw, Hex Flange Lock	
1" - 8 X 6"	19	5/16" - 18 X 3/4"	49
1" X 3-1/2"	39	Screw, Hex Flanged	
1/2" - 13 X 1-1/2"	139	M08 -1.25 X 25	147
1/2" - 13 X 3/4"	147	Screw, Hex Head	
1/2" - 13 X 4-1/2"	19	M08 -1.25 X 20	61, 75
1/2" - 20 X 1"	39, 41	M08-1.25 X 20	61, 75
1/2" - 20 X 2"	39, 41	M20 - 2.5 X 40	13, 17
1/4" - 20 UNC X 1/2"	159	Screw, Hex Head Flange	
1/4" - 20 X 2-1/4"	155, 165	M10 - 1.5 X 30	83
1/4" X 1-3/4"	111, 131	Screw, Hex Lock	
#10 - 32 X 1"	81	1/4" - 20 UNC X 5/8"	67
3/4" - 10 X 2-1/4"	141	Screw, Hex Serrated Flange	
3/4" - 10 X 3"	15	M12 -1.75 X 30	25
3/4" - 10 X 4-1/2"	19	Screw, Hex Socket	
3/4" X 1 - 3/4"	139	5/8" - 11 X 2-1/2"	141
3/4" - 10 X 4"	43	Screw, Hex Socket Shoulder	
3/8" - 16 X 1-1/4"	97, 121	3/8" - 1-1/4"	111, 131
3/8" -16 UNC X 4"	109, 137	Screw, Hex Tapping	
3/8" X 3/4"	129	M06 - 1" X 20	51
5/16" - 18 X 1"	53	M08 - 1.25 X 20	159
5/8" - 11 X 1-3/4"	149,	Screw, Panhead Phillips	
151, 153, 155, 161, 163, 165		#8 - 32 X 5/8"	83
7/16" - 14 X 1-1/2"	97, 111, 121, 131	Screw, Round Phillips	
M08 - 1-1/4" X 20	69, 129	#10 - 24 UNC X 1/2"	147
M08 - 1.25 X 20	73, 157, 167	Screw, Set	
M08 - 1.25 X 30	57, 71	1/4" - 20 X 3/4"	131
M08 -1.25 X 20	109, 111, 131, 137	Screw, Slotted	
M10 - 1.5 X 20	45, 47	#10 -32 X 1/2"	67
M10 - 1.5 X 35	59, 73	Screw, Slotted Head Quarter-Turn	
M10 - 1.5 X 35"	63, 77	1/4"	175
M10 - 1.5 X 60	169	Screw, Tapping	
M12 - 1.75 X 50	15	3/8" - 16 X 3/4"	149, 153, 163
M14 - 2.0 X 14	39	M06 - 1.0 X 12	49, 87
M14 - 2.0 X 40	39	M06 - 1.0 X 14	43, 63, 77, 87
M16 - 2.0 X 110	135	M08 - 1.25 X 20	13, 15, 17,
M16 - 2.0 X 120	119, 135	19, 49, 55, 57, 59, 71, 83, 141	
M16 - 2.0 X 45	123	ScrewHex M16 - 2.0 X 50	39
M16 - 2.0 X 50	41	Screws	139
M16 -2 X 50	25	Seal	
M20 - 2.5 X 35	97, 121	Door	185, 187, 189, 191, 193, 207, 209
M20 - 2.5 X 60	43	Housing, HR350	99
M20 - 2.5 X 75	111, 113, 131, 133	Lip	139
M20 - 2.5 X 90	97, 121	Lip, 63.5 X 77.5 X 8	99
M8 - 1.25 X 25	47	Roof, Neoprene, 1/8"	197
Screw, Hex Flange		Rubber, 3 X 10 mm	187,
1/4" - 20 X 5/8"	81	189, 191, 193, 195, 207, 209, 211	
5/16" - 18 X 3/4"	155, 165	Shaft, Input, 98.425 Dia	99
M06 - 1.0 X 20	47,	Strip, Door	195, 211
61, 65, 75, 79, 87, 95, 155, 165		Seal, Oil	123
M08 - 1.25 X 20	63, 77, 107	Sensor	
		CAC Temperature	51

WORD INDEX

Coolant Level	53	Left	33
Fuel Level	67, 81	Right	33
Heat LSU-10	259, 261	Spring	111, 125, 131
TBAP Cummins	83	Bypass Valve	103
Temperature 1/2" NPT	141	Compression	35
Temperature 3/8" NPT	155, 165	Eyebolt	185
Temperature, 1/2" NPT	199, 213	For Knott Axle	37
Water-in-Fuel	59, 73	Rubber Bushed	21
Sensor, Temperature		Spring Shackle Assembly	33
3/8" NPT	119, 135	Spring, Shackle Assembly	35
Separator		Standoff	
Moisture	159	Male-Female 3/8" Hex 10 - 32	177
Moisture, XHP	169	Steel Rod, Adjuster Spring	
Separator Tank Assembly, XHP, ASME CRN AS1210		3/8" OD X 4"	111, 131
Certified	141	Steering Arm Assembly	
Separator Tank Assembly, XHP, CE ASME CRN		Wagon	27
Certified	141	Step	13
Set, Shim	123	Rear Exhaust Plenum	89
Shaft		Strainer	
Input, HR350	99	Fuel Tank	67, 81, 255
Pintle Eye, Wagon	29	Strainer Assembly	
Shaft, Drive	123	HR350	115
Shim		Strap	
Set	125, 127	DEF Tank Mounting	93
Shim Set		Exhaust Plenum Baffle	203
129 X 176	99	Fiberglass Panel Retention, Long, 2"	189, 193, 207, 209
162 X 200	101	Fiberglass Panel Retention, Short, 2"	189, 193, 195, 207, 209, 211
44.6 X 54	105	Foam Retention	189, 193, 195, 197, 207, 209, 211
98 X 140	105	Ground	179
98 X 152	105	Retention, 800 mm	197
Shroud		Roof Rear Panel Extension	197
Cooler Bottom	49	Tie Down	15
Cooler Curbside	49	Vertical Baffle	203
Cooler Streetside	49	Stud	
Cooler Top	49	5/8"	21
Silencer		Battery	179
Blowdown EPA	109, 137	Wheel, M16 -1.5 X 45	33
Silencer, Pneumatic		Support	
1/4" NPT	57, 71	Aftertreatment, HSRG	89
Sleeving, Thermal		Aftertreatment, STRG	89
1-1/2"	53	Axle Bump	19
Sleeving, Thermal Reflective		Baffle	199, 201, 213, 215
1"	95	Baffle Angle	203
Spacer	123, 125, 127, 155, 165	DEF Tank, Wagon	93
Air Cylinder Bracket	111, 131	Drip Pan, Louvered, Curbside	191
Axle Bump	19	Drip Pan, Louvered, Streetside	187
Bearing	99	DRT	89
Bearing Input	99	End, High Speed w/Shock Mount	39
Bearing, 2nd Stage, Female	101	Front Baffle Leg	199, 201, 213, 215
Fan W/ Clutch	45	Lower Shock Mount	39, 41
Filter Port	159	LRG Front Assembly	39
Gear, 1st Stage	101	Muffler Vertical	87
Gear, 2nd Stage	101	Rear Step, Cross	89
Gear, Input	99		
Spacer, Bearing	127		
Spindle			

WORD INDEX

Rear Step, Curbside	89	.50 NPT X .50 NPT X .50 NPT	53
Rear Step, Streetside.	89	Hose, 5/8" X 5/8" X 3/8"	93
Upper Shock Mount	41	Service Air 3"	151, 161
Upper Shock Mount, Front	39	Service Air 3", PED	151, 161
Upper Shock Mount, Rear	39	Tee Run	
Vertical Baffle	89, 203	-12 JIC	109, 137
Support Assembly	39	-6 JIC X -6 JIC X 1/4" NPT Female	151, 161
Switch		Tee, Male	
Battery Disconnect.	181	-6 JIC X 1/4" NPT X -6 JIC	157, 167
Breakaway	15	Tee, Run	
Momentary S.S.	177	1/4" NPT X -6 JIC	155, 165
Pressure 12 PSI	141	Tee, Straight	
Pressure, 12PSI NC	153, 163	1-1/2" NPT	69
Selector 3 Position.	177	Tee, Street	
Selector 3-Position.	177	1-1/2" NPT	55
Vacuum.	83	1/4" NPT X 3/8" Tube.	57, 71
		Terminal Connector	43
T		Tie	
Tag		Cable	261
Tier 4 Engine Oil	245	Cable, 3/16" X 7-7/8"	89
Tandem Axle Assembly	19	Tie Plate	21
Tank		Tie, Cable	
Oil Replenishment	253	1/8" X 8"	45, 263
Separator, XHP, ASME, CRN, AS1210 Cert	143	Tire	
Separator, XHP, CE, ASME, CRN Cert	143	215/75R17-1/2"/H	23
Tandem, CS Fuel.	67	Transducer	
Tandem, LH Fuel	55	Pressure, 0-225 PSI	257
Tandem, RH Fuel.	55	Transducer, Pressure	
Tandem, SS Fuel.	67	0-500 PSI	145
Tank Assembly		Tray	
DEF 15 Gallon External Fill	93	Battery	179
Tank, DEF 15 Gal. External Fill.	93	Tube	
Tank, Fuel		-6 JIC Drain Valve to Muffler.	157, 167
CS Wagon.	81	1st Stage	117
Curbside, Wagon.	69	2nd Stage Female, Bearing Scavenger.	117
SS Wagon.	81	2nd Stage Inlet Bearing	117
Streetside, Wagon	69	2nd Stage Male, Bearing	117
Tee		2nd Stage, Discharge Bearing, Female.	117
-12 JIC	253	2nd Stage, Discharge Bearing, Male.	117
-6 JIC Run Swivel	155, 165	Aftercooler By-Pass XHP	151, 161
-6 JIC Swivel Run	149	Aftercooler By-Pass XHP, PED.	151, 161
-6 JIC X -6 JIC.	145	Aftercooler Inlet XHP	151, 161
-6 JIC X M14-1.5 O-Ring X -6 JIC.	47	Aftercooler Inlet XHP, PED.	151, 161
-8 JIC X -8 JIC X -8 JIC	65, 79, 113, 133	Aftercooler Outlet.	155, 165
-8 JIC X -8 JIC X -8 JIC Female	109, 137	Aftercooler Outlet, PED	155, 165
-8JIC X -8 JIC X -8 JIC Female.	253	Air Intake Engine	83
1" NPTF X 1" NPTF X 1" NPTF, 300 lb.	117	Charge Air Cooler Bottom	51
1/4" Male Run NPT	147	Charge Air Cooler Top	51
1/4" NPT	159	Connector.	83
1/4" NPT X 1/4" NPT X 1/4" NPT Female	111, 131, 147	Decomposition Reactor, QSX15, T4F	91
1/4" NPT X 1/4" NPTF X 1/4" NPTF	155, 165	DEF Tank Fill Restrictor	93
1/4" NPT X 1/4" NPTF X 1/4" NPT	153	Engine Coolant Inlet	51
1/8" NPT X -4 SAE X -4 SAE	159	Engine Coolant Outlet	51
3/4" NPT X 3/4" NPT X 3/4" NPT	141	Exhaust 127 DIA X 250 LG	87
3/8" MP X -8 X -8.	65, 79	Exhaust 5" DIA X 323" LG	87
		Exhaust 5" SCR Outlet.	87

WORD INDEX

Exhaust Diesel Particulate Filter In	87
Exhaust Turbo Outlet	87
Input Shaft, Rear Bearing	117
IQ Filter	153, 163
IQ Filter Tube to Min. Pressure Valve	153, 163
IQ Filter Tube to Min. Pressure Valve, PED	153, 163
IQ Filter, PED	153, 163
Oil Cooler In	139
Oil Cooler Out To OTBV XHP	139
Oil Cooler Return	139
Oil Manifold To Oil Cooler Supply	139
Pressure Relief	117
Pump Outlet, HR350	115
Scavenge	145
Seal	117
Separator Tank Minimum Pressure Valve	149
Separator Tank Minimum Pressure Valve, PED	149
Service Air	153, 163
Service Air, 3"	149
Service Air, 3", PED	149
Service Air, PED	153, 163
Tubing	
5/16" ID	51
Tubing, Synflex	
3/8" OD	57, 71

U

U-Bolt	21
1/2" - 13 X 3"	149, 153, 163
1/2" - 13 X 4-5/8"	149, 153, 163
1/4" - 20 X 1-1/4" ID	107, 129, 157, 167
1/4" -20 UNC X 1-1/4"	109, 137
Union	
1 - 1/2" NPTF	69
Union, Female	
1-1/2" NPT	55

V

Valve	
3-Way 3/4" NPT	61, 65, 75, 79
3-Way Ball 1/4" NPT	147
Anti-Rumble	109, 137
Ball 3", PED	153
Ball 3/4" NPT	171, 173
Ball Service 1/2"	253
Ball, 3"	149
Ball, 3" NPT, PED	149
Ball, 3/8" NPT	93
Ball3", PED	163
Blowdown	107, 109, 129, 137, 155, 157, 165, 167
Blowdown, PED	107
Coolant Control, 24V, 5/8" Hose	93

Oil Pressure Relief	139
Oil Temperature Bypass	139
Pressure Relief, 200 PSIG, 1" NPT	117
Regulator, Spring	147
Valve, Ball	
1 - 1/2" NPT	69
1-1/2" NPT Tee Handle	55
1/2 NPT	53
1/4" NPT	149
3"	151, 153, 161, 163
3" NPT, PED	151, 161
3/4" NPT	171, 173
Lockable, 3"	151, 161
Lockable, 3" NPTLockable, PED	151, 161
Valve, Butterfly	113, 133
Valve, Check	
3" Minimum Pressure	149, 153, 163
3" Minimum Pressure, PED	149, 153, 163
3" Wafer	119, 135
3" Wafer, PED	119
Valve, Evacuator	85
Valve, Safety	
1/4" NPT	107, 129
1/4" NPT, PED	107
440 PSI	141
Valve, Shuttle	
1/4" NPT	147
Valve, Solenoid	
24V 1/4" NPT	107, 129, 147
Valve, Stem	23
Viewport Assembly	177

W

Washer	35
1/2" Flat	131
1/4" Flat	111
3/8" Flat	109, 137
36 MM X 4 MM Thick	33
5/16", ID	197
Flat 1/2"	111
Flat 3/8"	261
Flat 3/8" Dia	253
Flat 3/8" ID	179
Flat, 1/2" ID	143
Flat, 1/4" ID	117
Flat, 3/8" ID	185
Flat, 5/16" ID	185
M28 X 3 DIN 125	29
Washer Flat	
1"	39
Washer, Flat	
1" ID	15
1/2"	147, 159
1/2" ID	15, 149, 153, 163
1/4" ID	107, 129, 155, 165
#10	147

WORD INDEX

13/16" ID.....	43, 111, 131	Well	
3/4" ID	15	Thermostat	259, 261
3/8".....	169	Wheel	
5/16" Dia.....	111, 131	17-1/2" X 6-3/4"HC	23
5/16" ID.....	53, 57, 71	Wheel And Tire Assembly	19, 25
5/8".....	149	Wheel Chock.....	15
5/8" ID	119, 135		
Washer, Lock		Y	
5/16" ID.....	53	Y-Strainer	
M06 SST.....	181	3/8" NPT.....	159, 169
Washer, Snubber.....	43, 97, 121	Yoke	
Washer, Spindle	21	M10	25
Washer, Tang	21		



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