



**Doosan Infracore**  
Portable Power

# **PARTS MANUAL**

## **COMPRESSORS MODEL**

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

Doosan Infracore Portable Power  
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P/N: 46663126 (2015) Rev F



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# **PARTS ORDERING**

## GENERAL

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

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

Doosan Portable Power service facilities and parts are available worldwide. Consult local yellow pages or visit: [www.doosanportablepower.com](http://www.doosanportablepower.com).

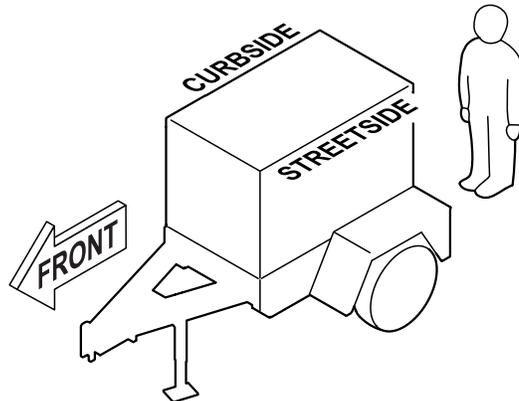
Special order parts may not be included in this manual. Contact the Portable Power Parts Department with the unit serial number for assistance with these special parts.

## 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.



# **PARTS ORDERING**

| 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 | SENROR, 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  |
| 23091812 | FUSE, 10A                             | ELECTRICAL / FUSE/RELAY  |
| 23091820 | FUSE, 15A                             | ELECTRICAL / FUSE/RELAY  |
| 23091838 | FUSE, 20A                             | ELECTRICAL / FUSE/RELAY  |
| 23091846 | FUSE, 25A                             | ELECTRICAL / FUSE/RELAY  |
| 23091853 | FUSE, 30A                             | ELECTRICAL / FUSE/RELAY  |
| 23316250 | RELAY, 24VDC ISO 280                  | ELECTRICAL / FUSE/RELAY  |
| 46558799 | GAUGE, PRESSURE 0–250 PSI             | ELECTRICAL / GAUGE PANEL |

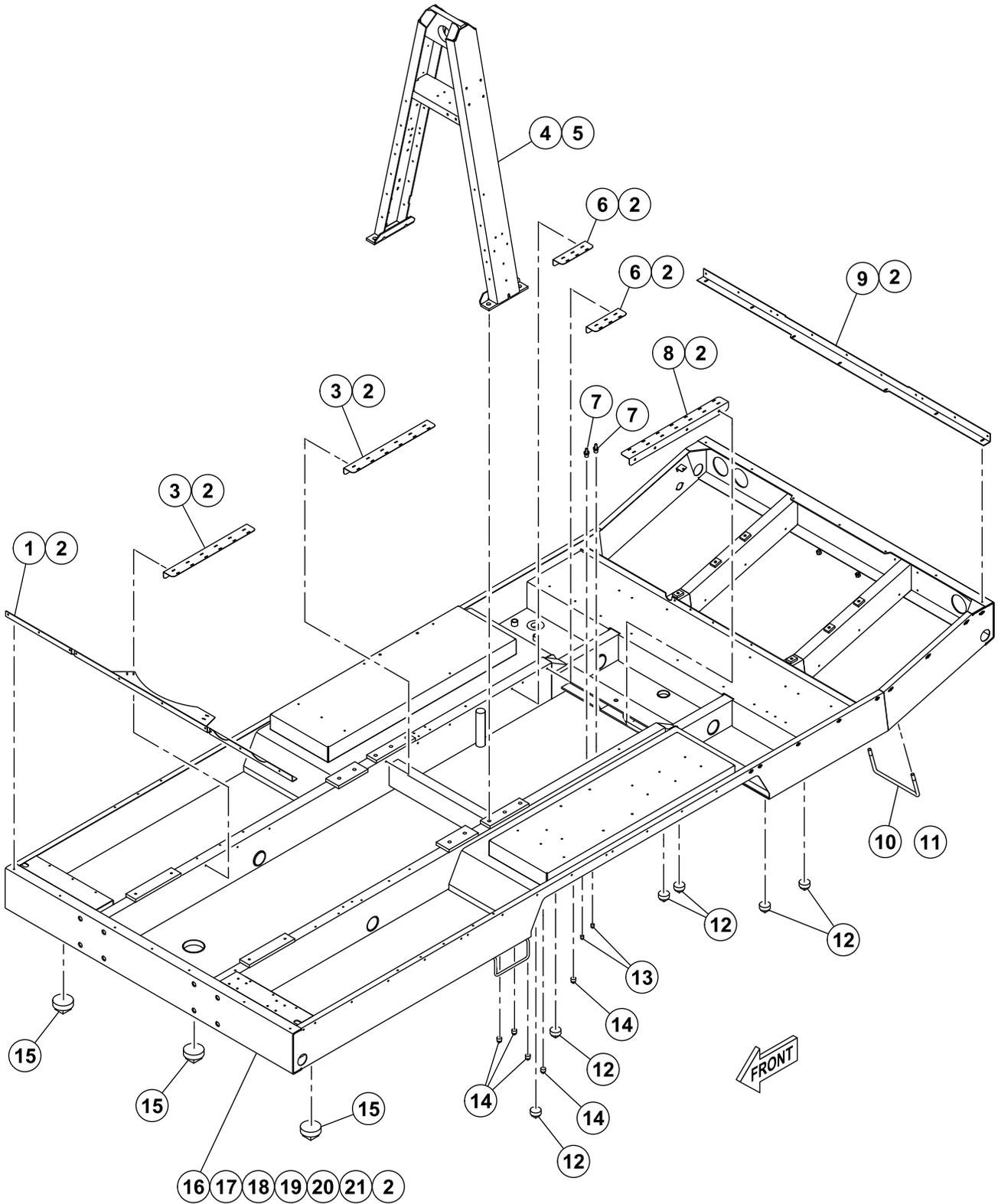
| PART NO. | DESCRIPTION                            | FUNCTIONAL GROUP             |
|----------|--|------------------------------|
| 46558806 | GAUGE, AIREND DISCHARGE TEMPERATURE    | ELECTRICAL / GAUGE PANEL     |
| 46558805 | GAUGE, VOLTMETER                       | ELECTRICAL / GAUGE PANEL     |
| 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         |                              |



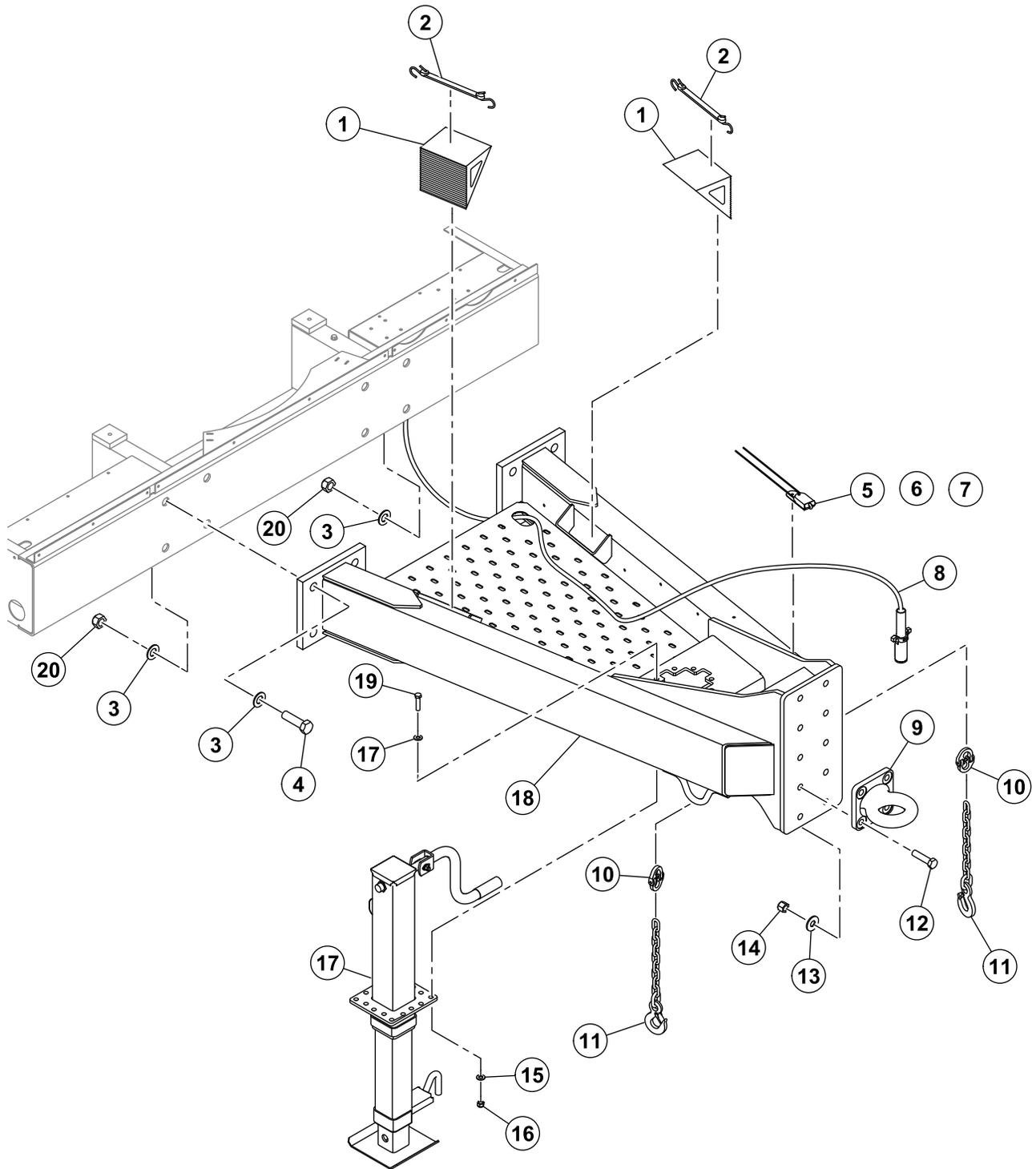
# **STANDARD PARTS**

# FRAME, TANDEM



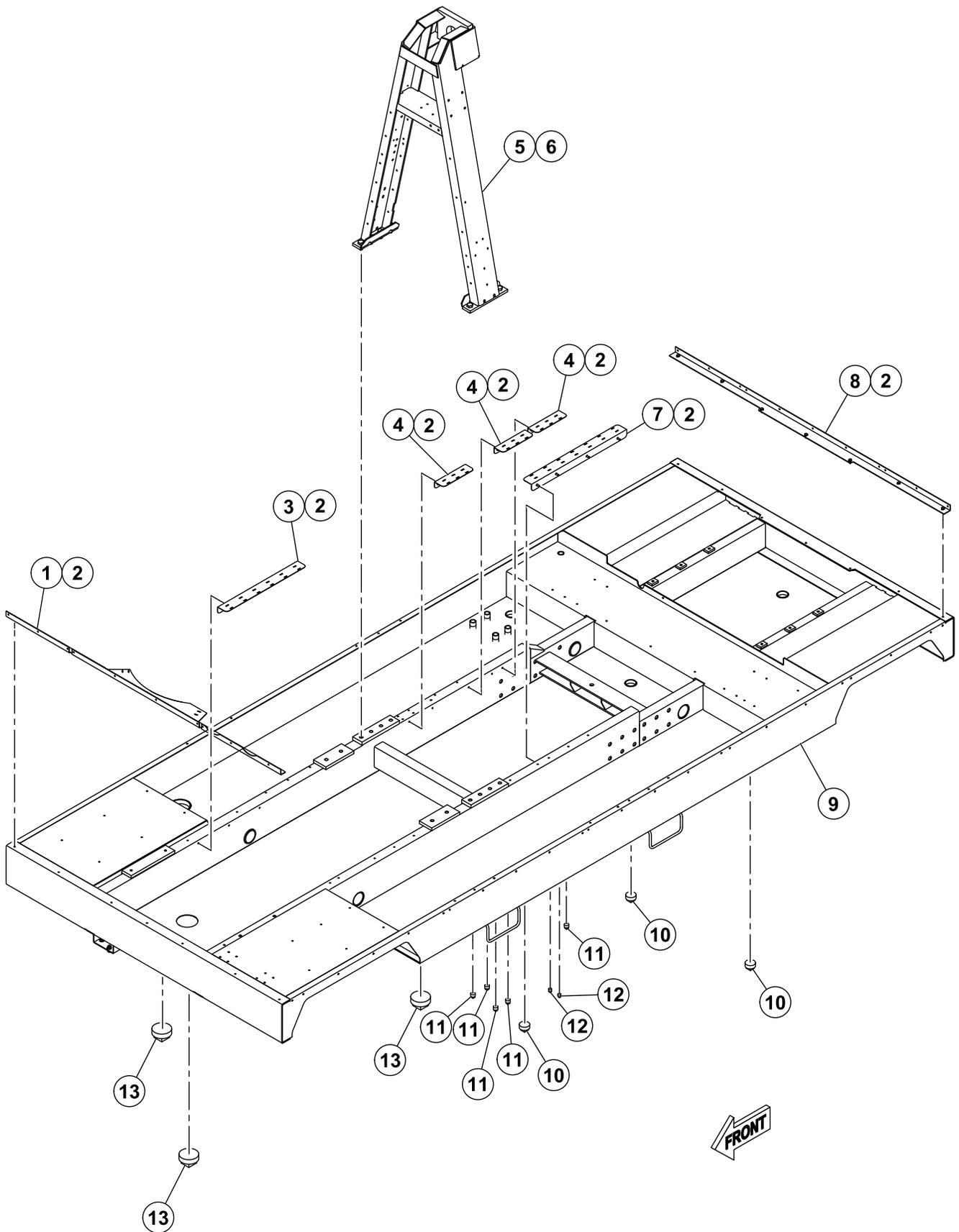
| ITEM | PART NO.   | DESCRIPTION                            | QTY | NOTES               |
|------|------------|--|-----|---------------------|
| 1    | 46562179SB | BRACKET, FRONT MOUNT                   | 1   |                     |
| 2    | 35279025   | SCREW, TAPPING                         | 50  |                     |
| 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                        | 6   |                     |
| 6    | 46566921SB | BRACKET, HARNESS SUPPORT               | 2   |                     |
| 7    | 46651939   | CONNECTOR                              | 2   |                     |
| 8    | 46641757SB | BRACKET, HARNESS SUPPORT               | 1   |                     |
| 9    | 46557260SB | BRACKET, TANDEM REAR MOUNT             | 1   |                     |
| 10   | 35304666   | STEP                                   | 1   |                     |
| 11   | 95922910   | NUT, HEX                               | 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            | 2   |                     |
| 15   | 95052247   | PLUG, SQUARE HEAD, 4" NPT              | 3   |                     |
| 16   | 46671028SB | FRAME                                  | 1   |                     |
| 17   | 35291285   | CLAMP, SUPPORT                         | 12  |                     |
| 18   | 35225077   | CLAMP, SUPPORT                         | 6   |                     |
| 19   | 35225093   | CLAMP, SUPPORT                         | 7   |                     |
| 20   | 35356591   | CABLE, TIE                             | 11  |                     |
| 21   | 35346741   | NUT, RETAINER                          | 29  |                     |

# FRAME, TANDEM, DRAWBAR



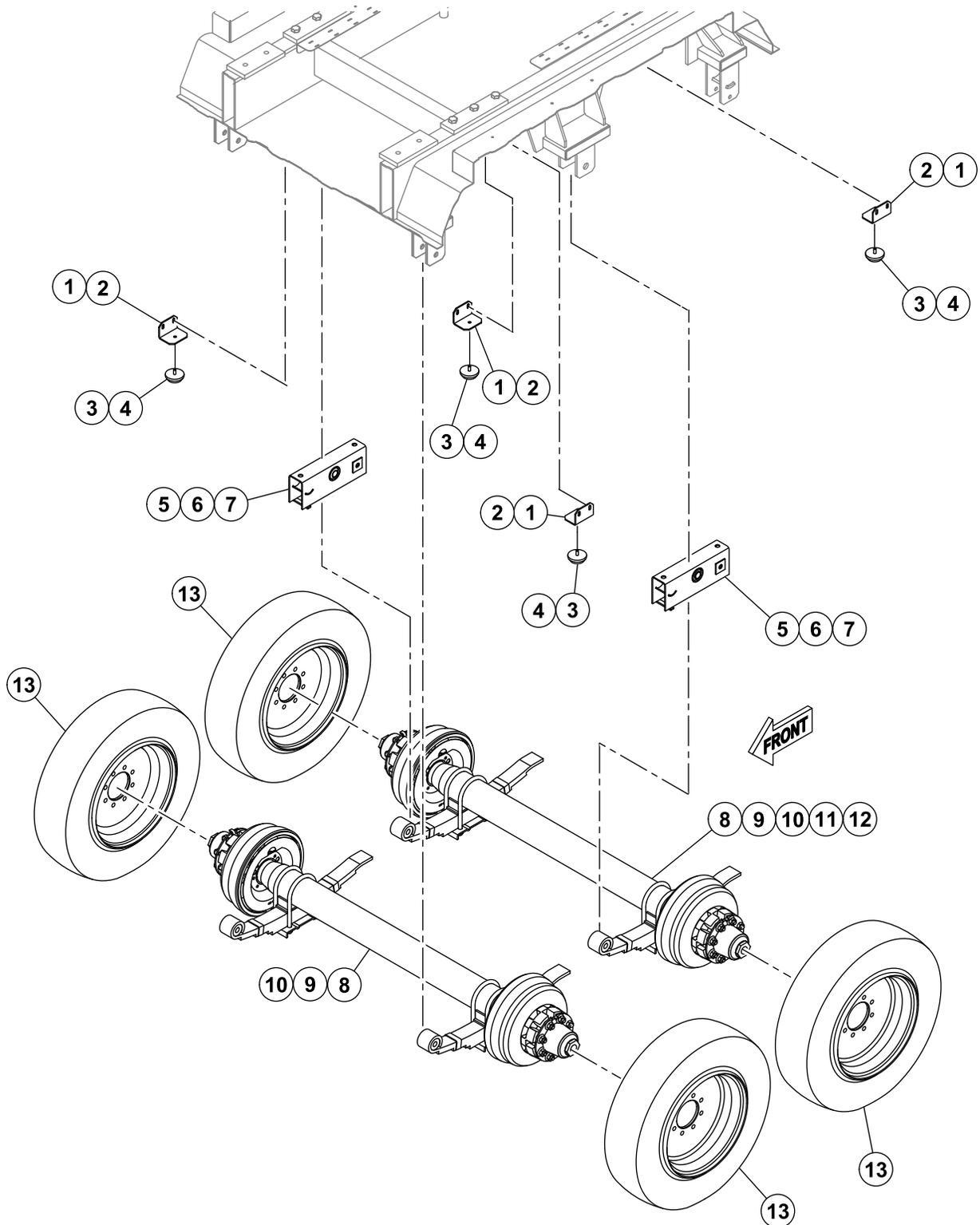
| ITEM | PART NO.   | DESCRIPTION   | QTY | NOTES                        |
|------|------------|---|-----|------------------------------|
| 1    | 35603190   | WHEEL CHOCK   | 2   |                              |
| 2    | 35333830   | STRAP, TIE DOWN   | 2   |                              |
| 3    | 95939492   | WASHER, FLAT  | 16  |                              |
| 4    | 95996179   | SCREW, HEX  | 8   |                              |
| 5    | 46554147   | SWITCH, BREAKAWAY                                       | 1   |                              |
| 6    | 35225093   | CLAMP, SUPPORT, RUBBER COATED                           | 4   |                              |
| 7    | 35279025   | SCREW, TAPPING  | 4   |                              |
| 8    | 46578804   | HARNESS, TRAILER, TAIL LIGHT W/ 7-WAY<br>SEMI-CONNECTOR | 1   | USE WITH FRAME<br>46641459SB |
|      | 46671027   | HARNESS, TRAILER, TAIL LIGHT W/ 7-WAY<br>SEMI-CONNECTOR | 1   | USE WITH FRAME<br>46671028SB |
| 9    | 36880128   | PINTLE, EYE   | 1   |                              |
| 10   | 35369800   | LINK, COUPLING  | 2   |                              |
| 11   | 36870475   | CHAIN, SAFETY   | 2   |                              |
| 12   | 95935201   | SCREW, HEX  | 4   |                              |
| 13   | 95922282   | WASHER, FLAT  | 4   |                              |
| 14   | 95923363   | NUT, HEX, NYLON INSERT                                  | 4   |                              |
| 15   | 46573339SB | JACK ASSEMBLY   | 1   |                              |
|      | 46577499SB | PLATE, JACK MOUNTING                                    | 1   | NOT SHOWN                    |
| 16   | 35304047   | NUT, HEX, NYLON INSERT                                  | 8   |                              |
| 17   | 95935003   | WASHER, FLAT  | 16  |                              |
| 18   | 22687784SB | DRAWBAR ASSEMBLY  | 1   |                              |
| 19   | 96730395   | SCREW, HEX  | 8   |                              |
| 20   | 95996187   | NUT, HEX LOCK   | 8   |                              |

# FRAME, WAGON



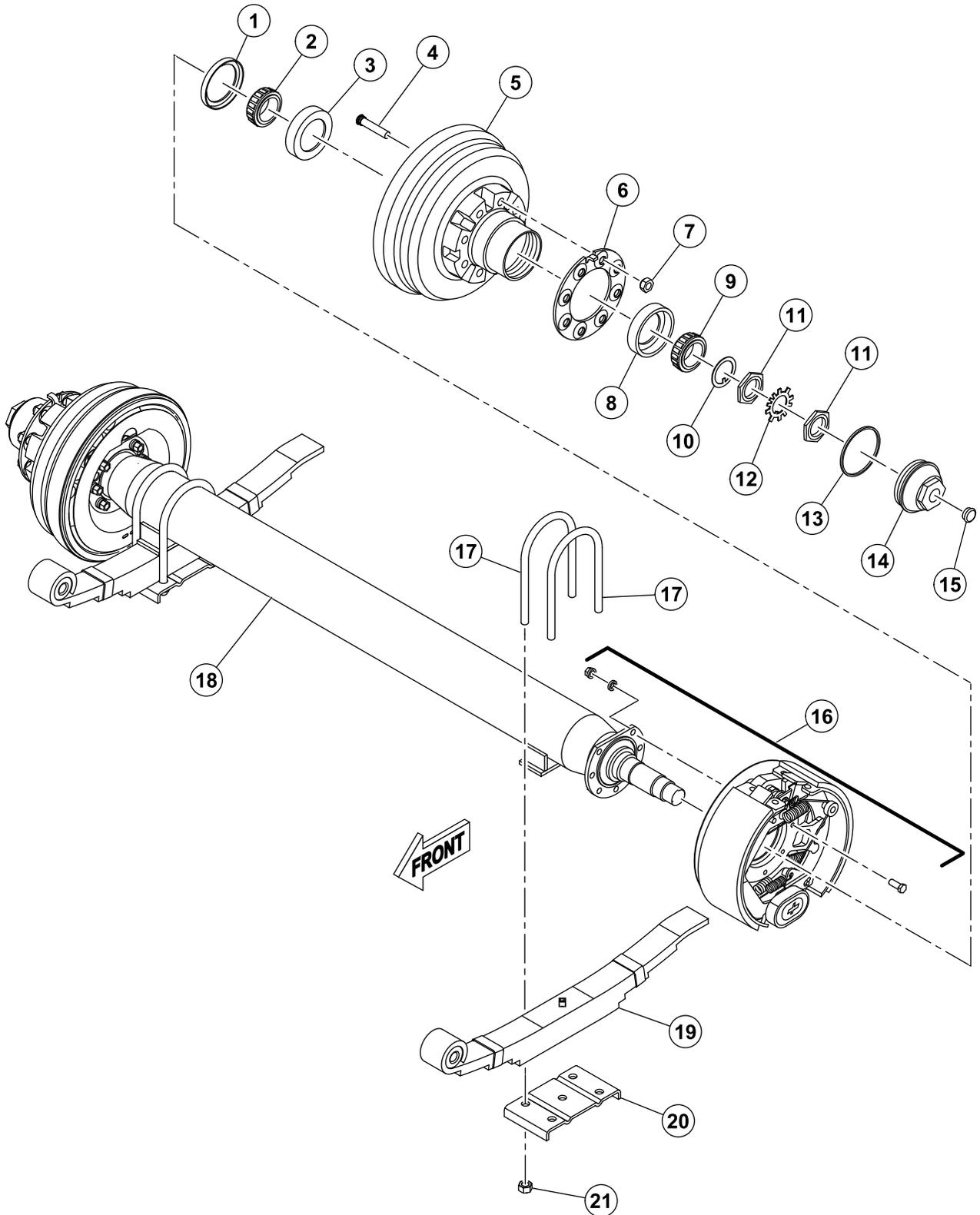
| ITEM | PART NO.   | DESCRIPTION                          | QTY | NOTES |
|------|------------|--------------------------------------|-----|-------|
| 1    | 46562179SB | BRACKET, FRONT MOUNT                 | 1   |       |
| 2    | 35279025   | SCREW, TAPPING                       | 50  |       |
| 3    | 46566919SB | BRACKET, HARNESS SUPPORT             | 2   |       |
| 4    | 46566921SB | BRACKET, HARNESS SUPPORT             | 2   |       |
| 5    | 46652928SB | BAIL, LIFTING, 203MM OFFSET          | 1   |       |
| 6    | 96700901   | SCREW, HEX HEAD                      | 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            | 4   |       |
| 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



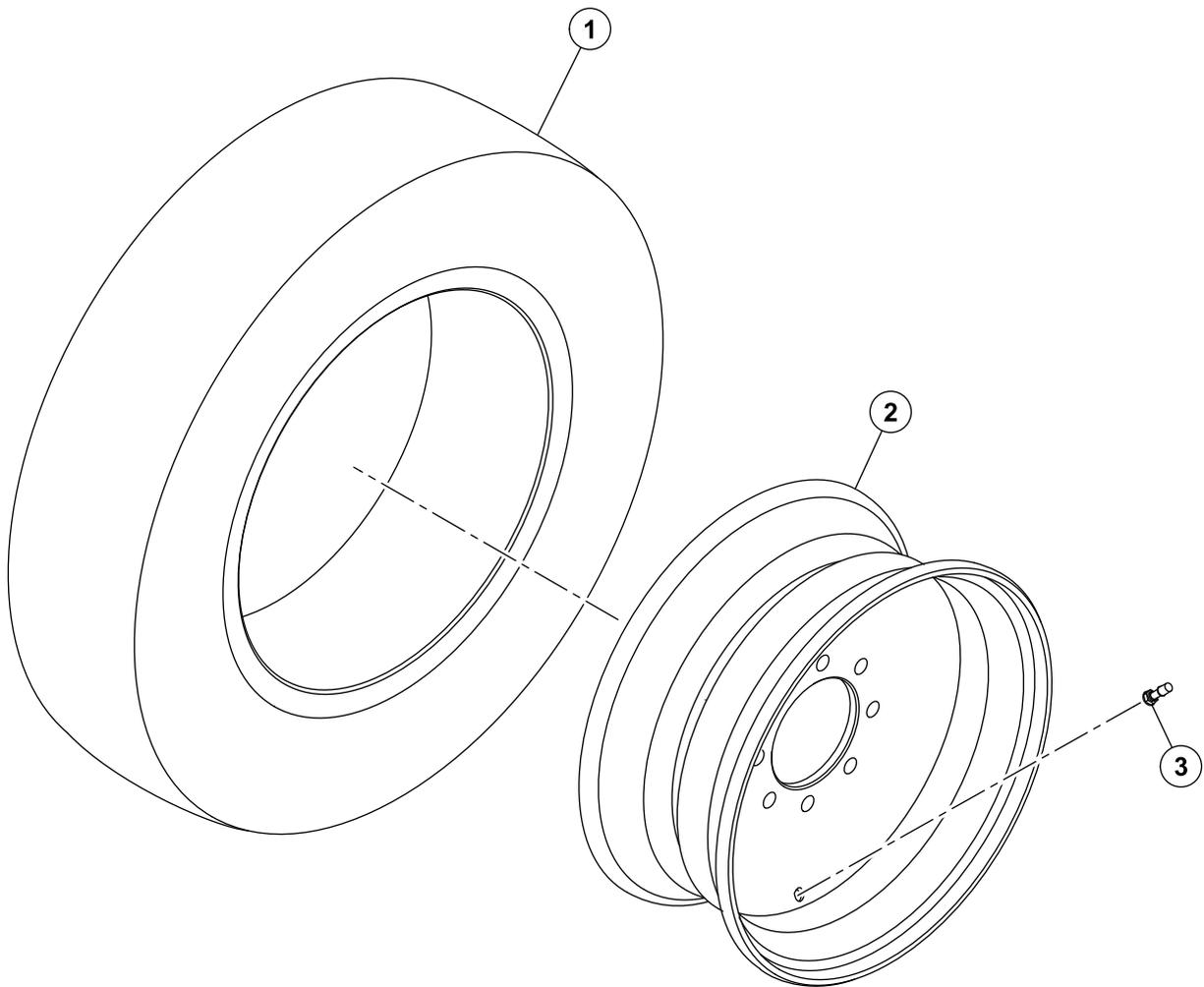
| ITEM | PART NO.   | DESCRIPTION             | QTY | NOTES |
|------|------------|-------------------------|-----|-------|
| 1    | 22789242SB | SUPPORT, AXLE BUMP      | 4   |       |
| 2    | 35279025   | SCREW,, TAPPING         | 8   |       |
| 3    | 22789226   | SPACER, AXLE BUMP       | 4   |       |
| 4    | 95923322   | NUT, HEX NYLON LOCK     | 4   |       |
| 5    | 22688493   | BAR, EQUALIZER          | 2   |       |
| 6    | 95920336   | SCREW, HEX              | 2   |       |
| 7    | 95923348   | NUT, HEX NYLON INSERT   | 2   |       |
| 8    | 22774863   | TANDEM AXLE ASSEMBLY    | 2   |       |
| 9    | 95929139   | SCREW, HEX              | 4   |       |
| 10   | 95923363   | NUT, HEX NYLON INSERT   | 4   |       |
| 11   | 95919676   | SCREW, HEX              | 2   |       |
| 12   | 95923207   | NUT, HEX, NYLON INSERT  | 2   |       |
| 13   | 36090629   | WHEEL AND TIRE ASSEMBLY | 4   |       |

# RUNNING GEAR, TANDEM, AXLE ASSEMBLY



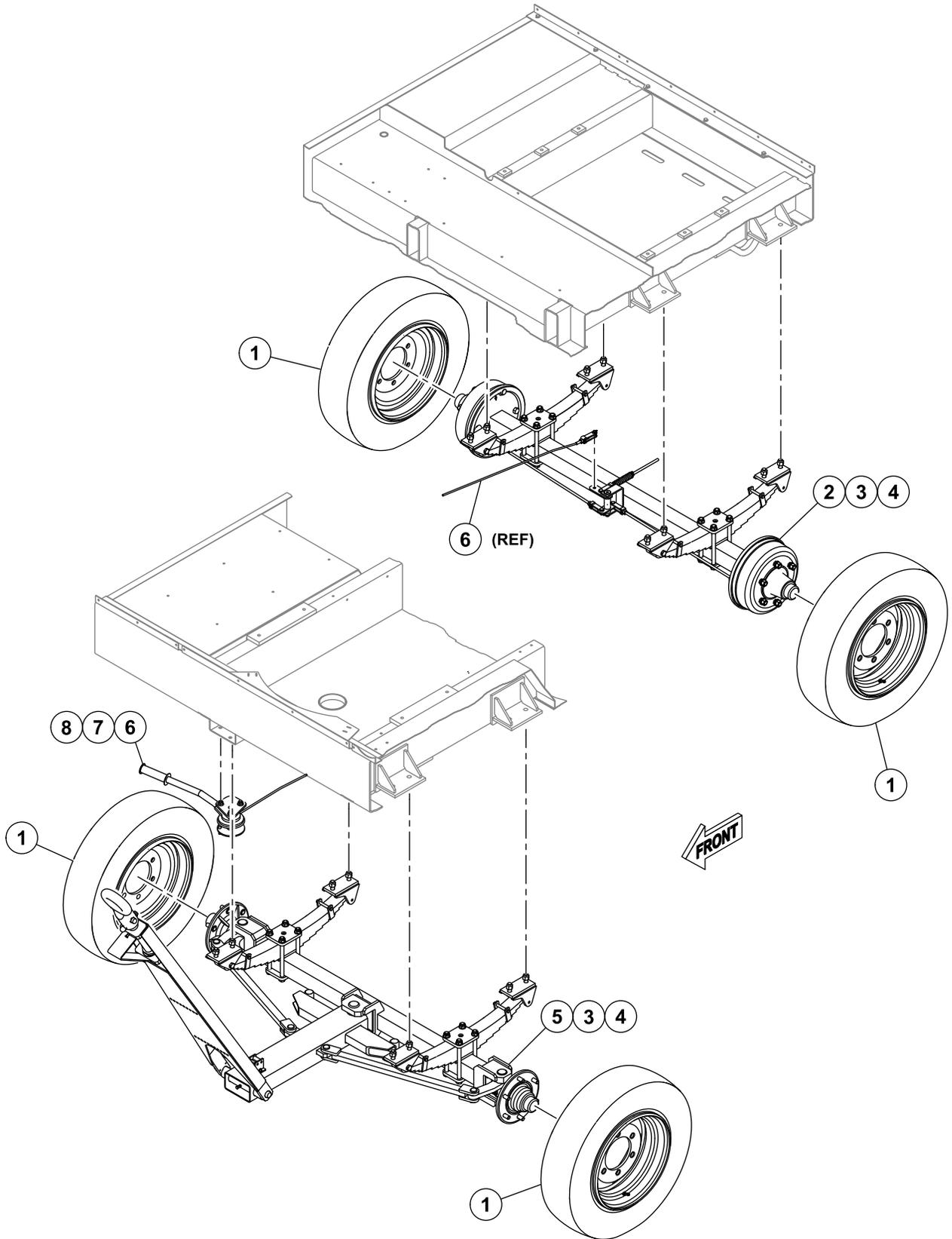
| ITEM | PART NO. | DESCRIPTION                 | QTY | NOTES |
|------|----------|-----------------------------|-----|-------|
| 1    | 22877138 | OIL SEAL                    | 2   |       |
| 2    | 22877146 | BEARING CONE, INNER 387A    | 2   |       |
| 3    | 22877161 | BEARING CUP, INNER 382A     | 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



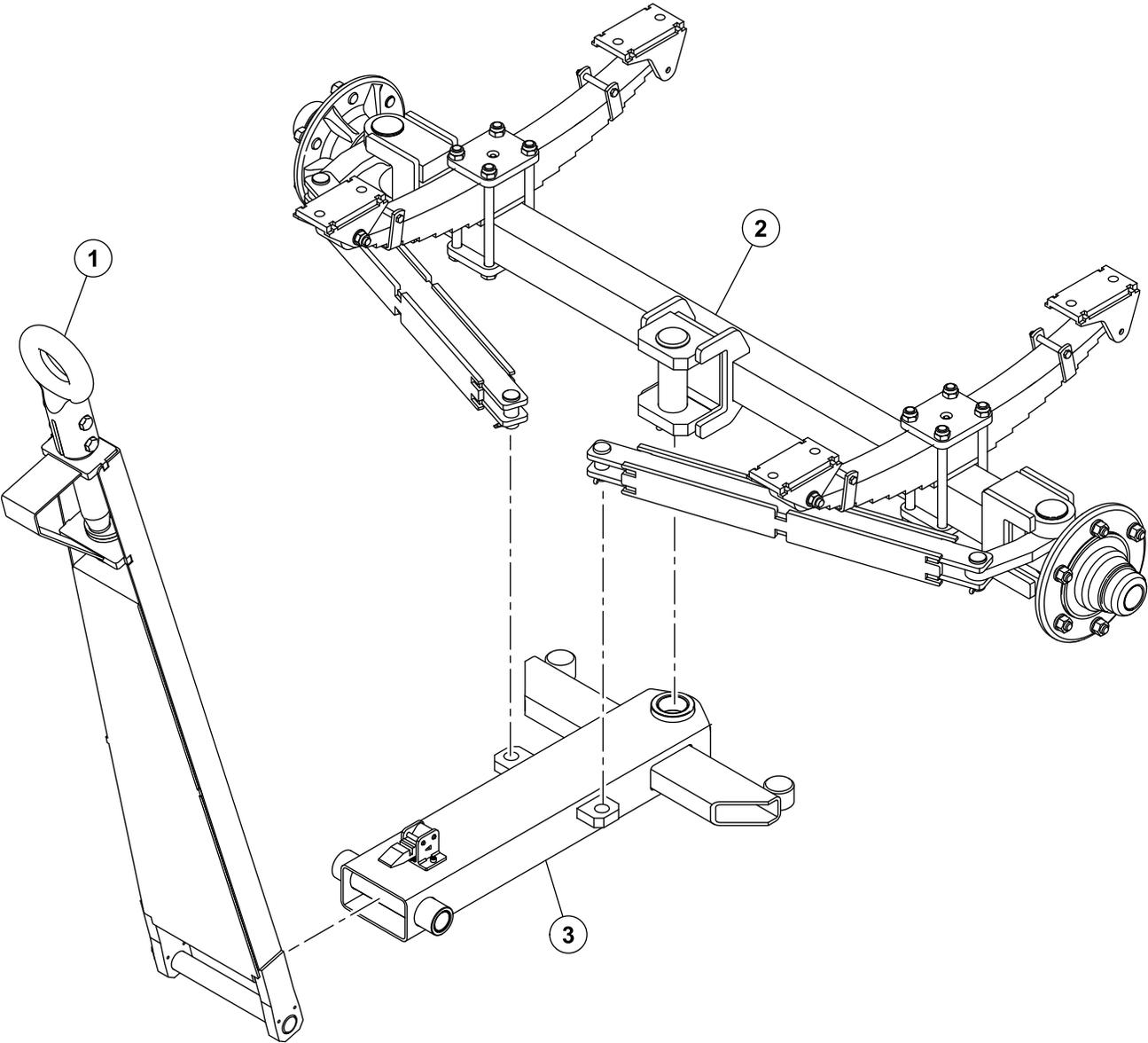
| ITEM | PART NO. | DESCRIPTION               | QTY | NOTES  |
|------|----------|---------------------------|-----|--------|
| 1    | 36877991 | TIRE, 215/75R17-1/2"/H    | 1   |        |
| 2    | 22077515 | WHEEL, 17-1/2" X 6-3/4"HC | 1   | TANDEM |
|      | 22929418 | WHEEL, 17-1/2" X 6-3/4"HC | 1   | WAGON  |
| 3    | 35148204 | VALVE, STEM               | 1   | TANDEM |
|      | 23085079 | VALVE, STEM               | 1   | WAGON  |

# RUNNING GEAR, WAGON, INSTALLATION



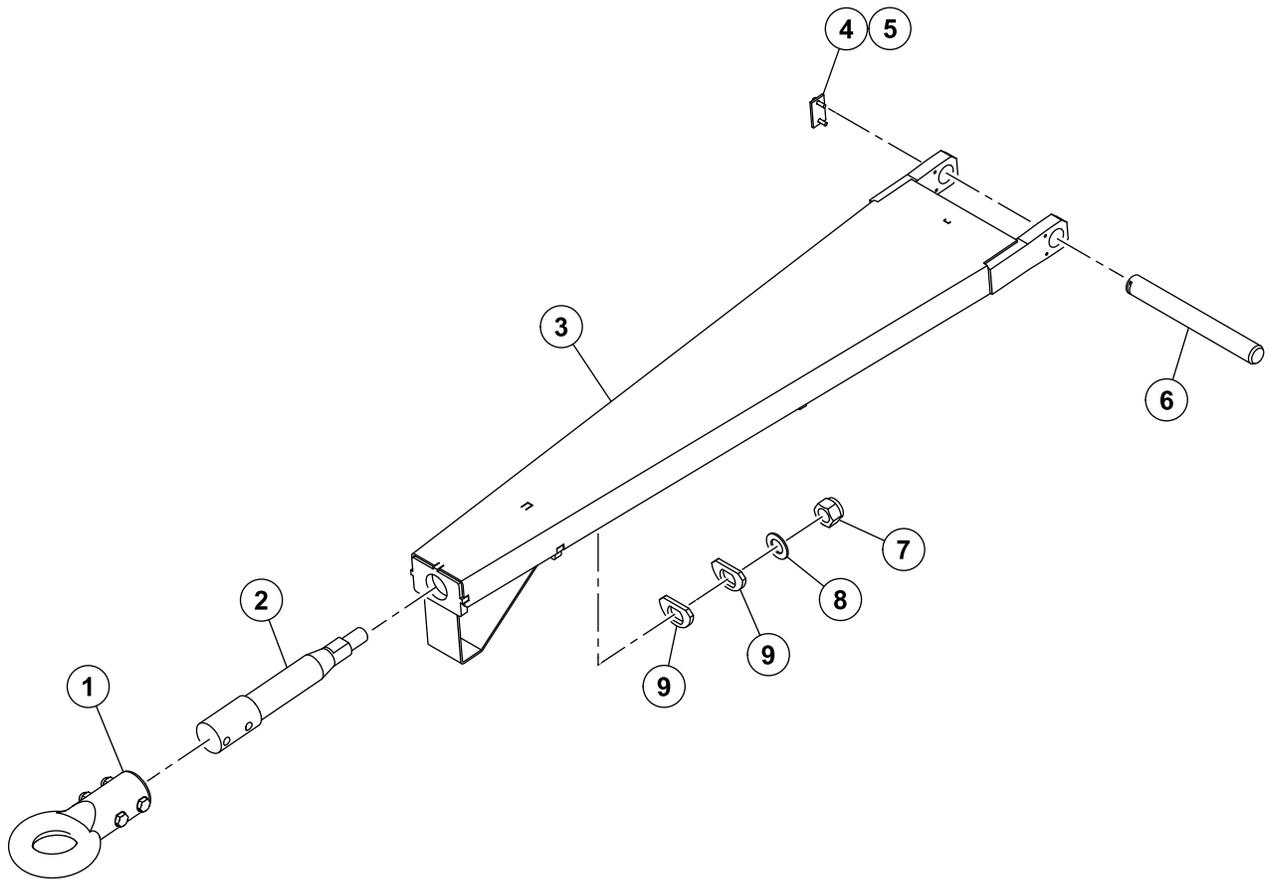
| ITEM | PART NO. | DESCRIPTION                     | QTY | NOTES |
|------|----------|---------------------------------|-----|-------|
| 1    | 44016442 | WHEEL AND TIRE ASSEMBLY         | 4   |       |
| 2    | 22689418 | AXLE ASSEMBLY, REAR, WAGON      | 1   |       |
| 3    | 36879302 | SCREW, HEX                      | 16  |       |
| 4    | 96704630 | NUT, HEX NYLON INSERT           | 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      | 3   |       |
| 8    | 36879203 | NUT, HEX SERRATED FLANGE        | 3   |       |

**RUNNING GEAR, WAGON, AXLE ASSEMBLY, FRONT**



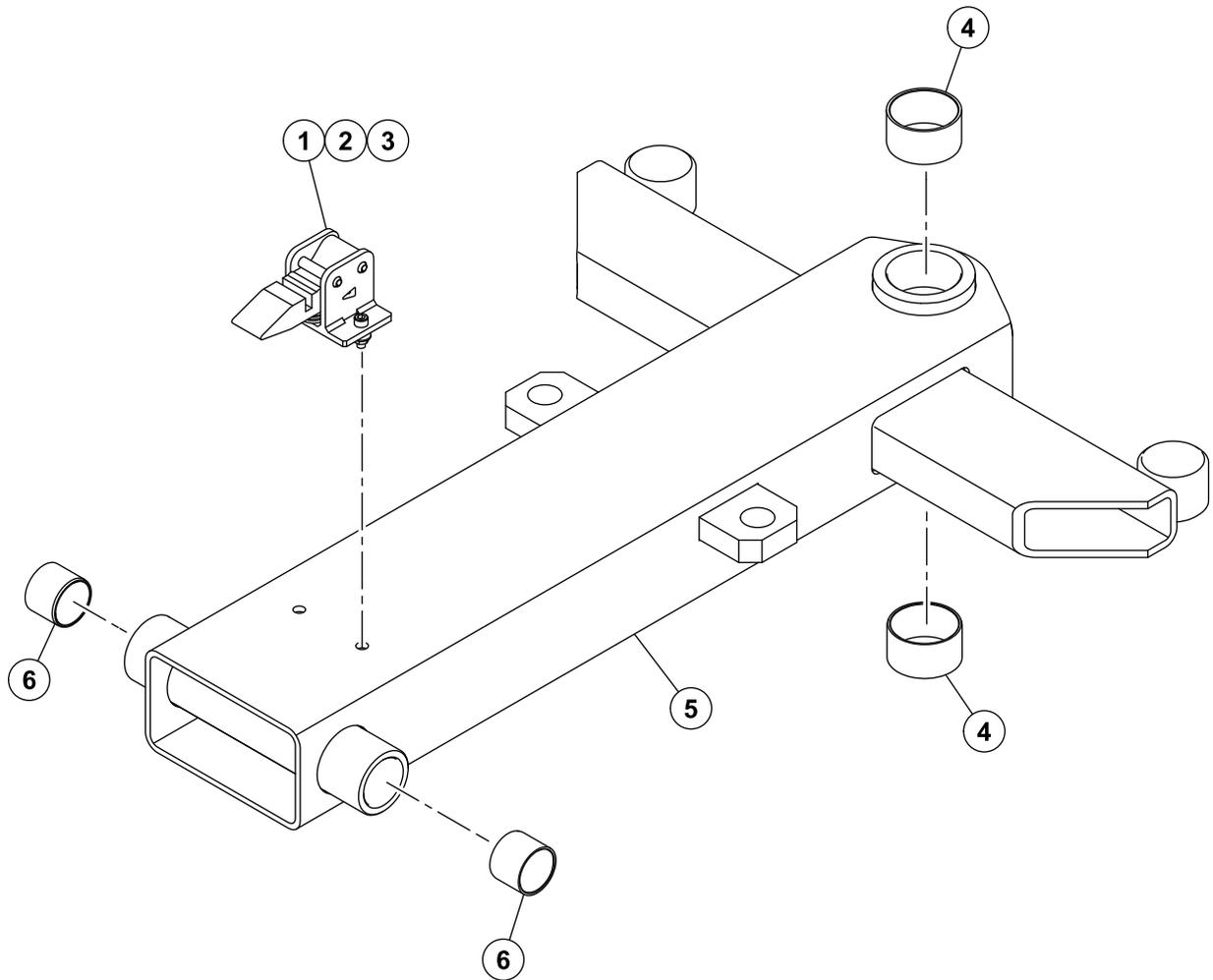
| ITEM | PART NO. | DESCRIPTION                  | QTY | NOTES |
|------|----------|------------------------------|-----|-------|
| 1    | 46673768 | DRAWBAR ASSEMBLY, WAGON      | 1   |       |
| 2    | 46673766 | AXLE ASSEMBLY, FRONT, WAGON  | 1   |       |
| 3    | 46673767 | STEERING ARM ASSEMBLY, WAGON | 1   |       |

# RUNNING GEAR, WAGON, DRAWBAR ASSEMBLY



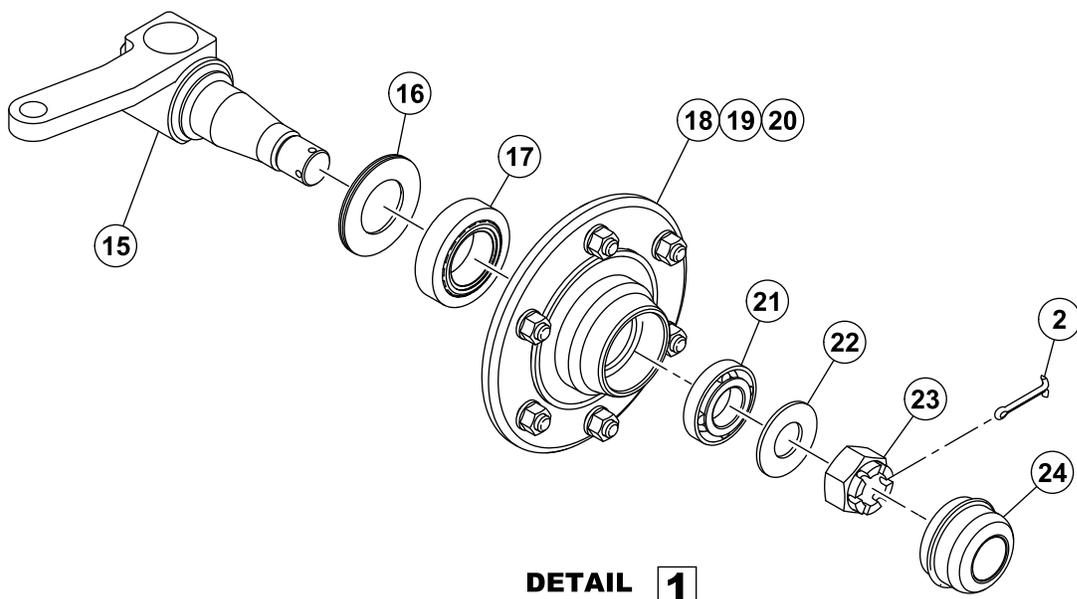
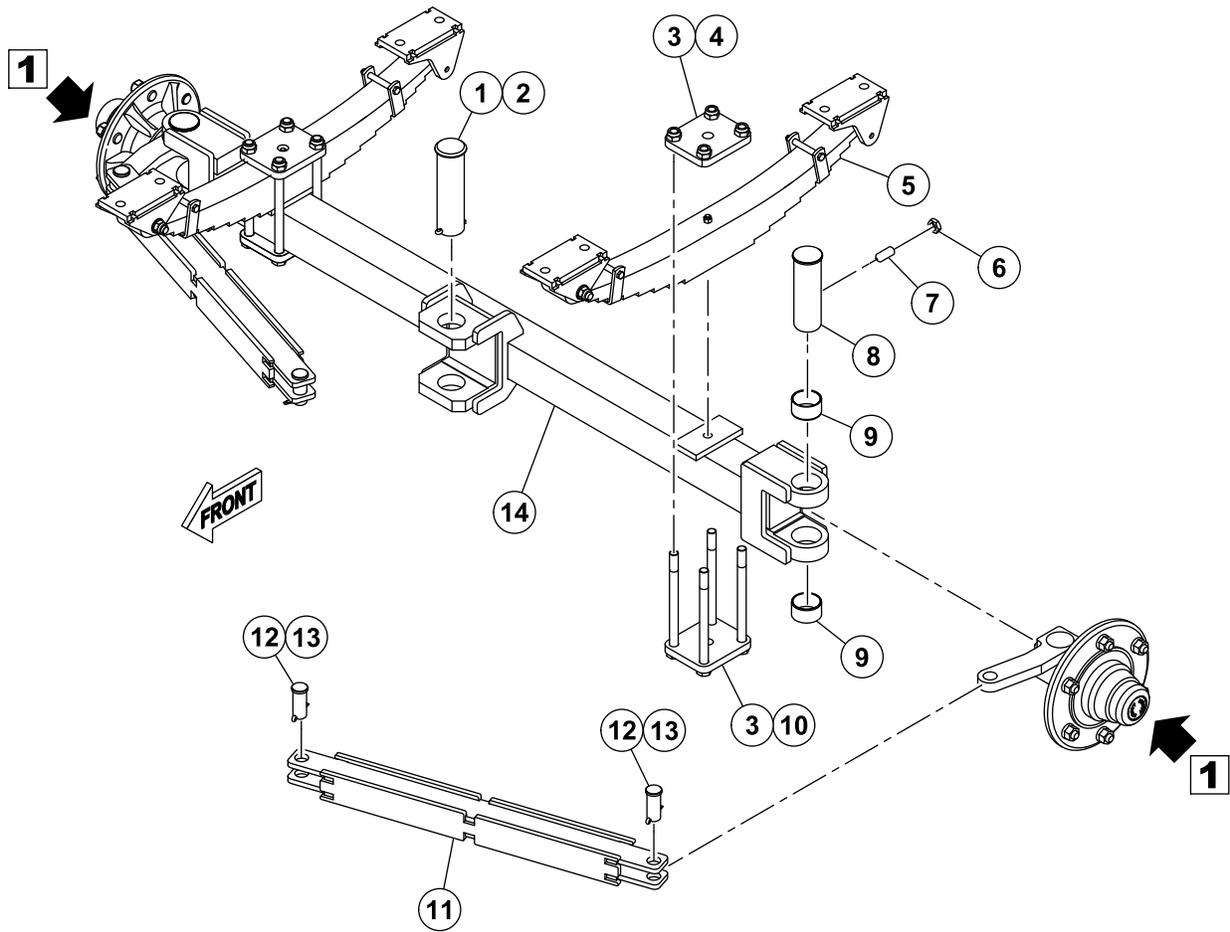
| ITEM | PART NO. | DESCRIPTION                | QTY | NOTES |
|------|----------|----------------------------|-----|-------|
| 1    | 46673755 | PINTLE EYE, DRAWBAR, WAGON | 1   |       |
| 2    | 46673754 | SHAFT, PINTLE EYE, WAGON   | 1   |       |
| 3    | 46670317 | DRAWBAR, WAGON             | 1   |       |
| 4    | 46673753 | PLATE, PIN, ANTI-ROTATION  | 1   |       |
| 5    | 96703012 | SCREW, HEX                 | 2   |       |
| 6    | 46670328 | PIN, 35 MM                 | 1   |       |
| 7    | 46673758 | NUT, M27                   | 1   |       |
| 8    | 46673757 | WASHER, M28                | 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               | 2   |       |
| 3    | 36898104 | NUT, HEX                 | 2   |       |
| 4    | 46673742 | BUSHING, 50 MM           | 2   |       |
| 5    | 46670315 | ARM, STEERING            | 1   |       |
| 6    | 46673745 | BUSHING, 35 MM           | 2   |       |

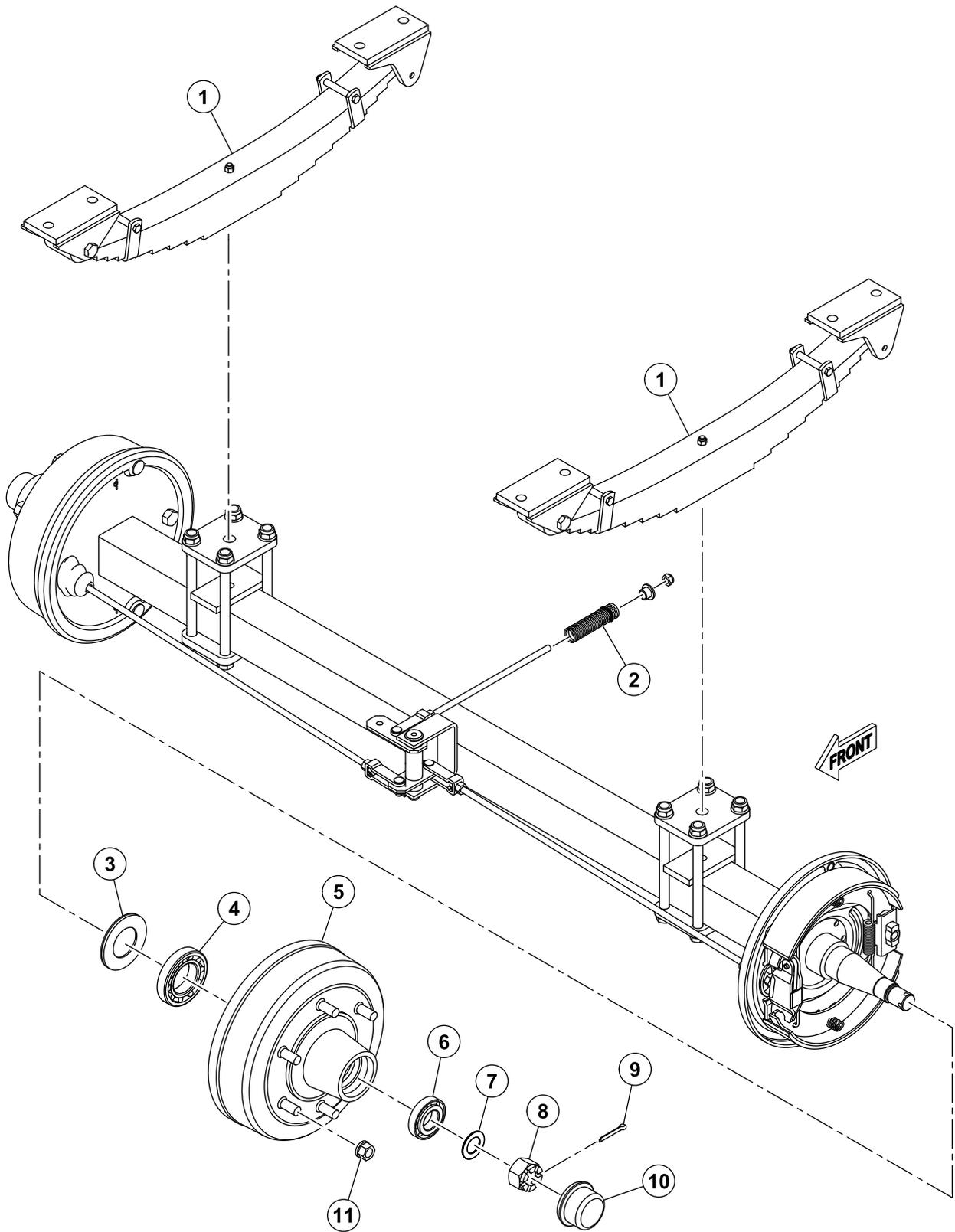
# RUNNING GEAR, WAGON, FRONT AXLE SUB ASSEMBLY



DETAIL 1

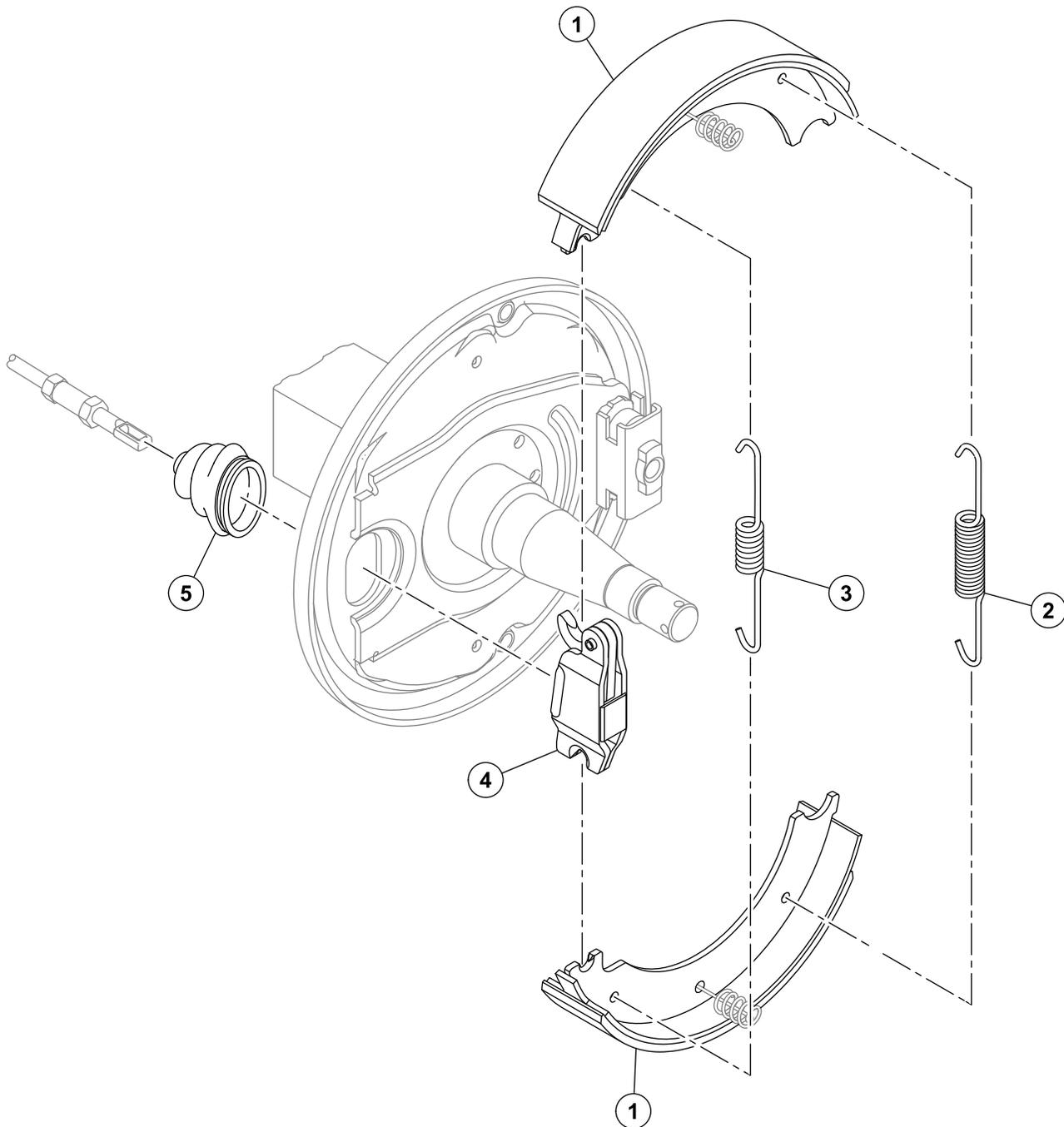
| ITEM | PART NO. | DESCRIPTION                    | QTY | NOTES |
|------|----------|--------------------------------|-----|-------|
| 1    | 46670326 | PIN, 50 MM                     | 1   |       |
| 2    | 46673735 | PIN, COTTER                    | 3   |       |
| 3    | 46673152 | PLATE, SPRING MOUNT            | 4   |       |
| 4    | 46673740 | NUT, M16                       | 8   |       |
| 5    | 22871289 | SPRING SHACKLE ASSEMBLY        | 2   |       |
| 6    | 46673762 | NUT, JAM                       | 2   |       |
| 7    | 46673743 | SCREW, SET                     | 2   |       |
| 8    | 46670329 | PIN, 50 MM                     | 2   |       |
| 9    | 46673742 | BUSHING, 50 MM                 | 4   |       |
| 10   | 46673737 | SCREW, M16 -1.5                | 8   |       |
| 11   | 46670325 | LINK, STEERING                 | 2   |       |
| 12   | 46670327 | PIN, 25 MM                     | 4   |       |
| 13   | 22392237 | PIN, COTTER                    | 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, THICK                  | 2   |       |
| 23   | 46673733 | NUT, SLOTTED                   | 2   |       |
| 24   | 46670320 | CAP, DUST                      | 2   |       |

# RUNNING GEAR, WAGON, AXLE ASSEMBLY, REAR



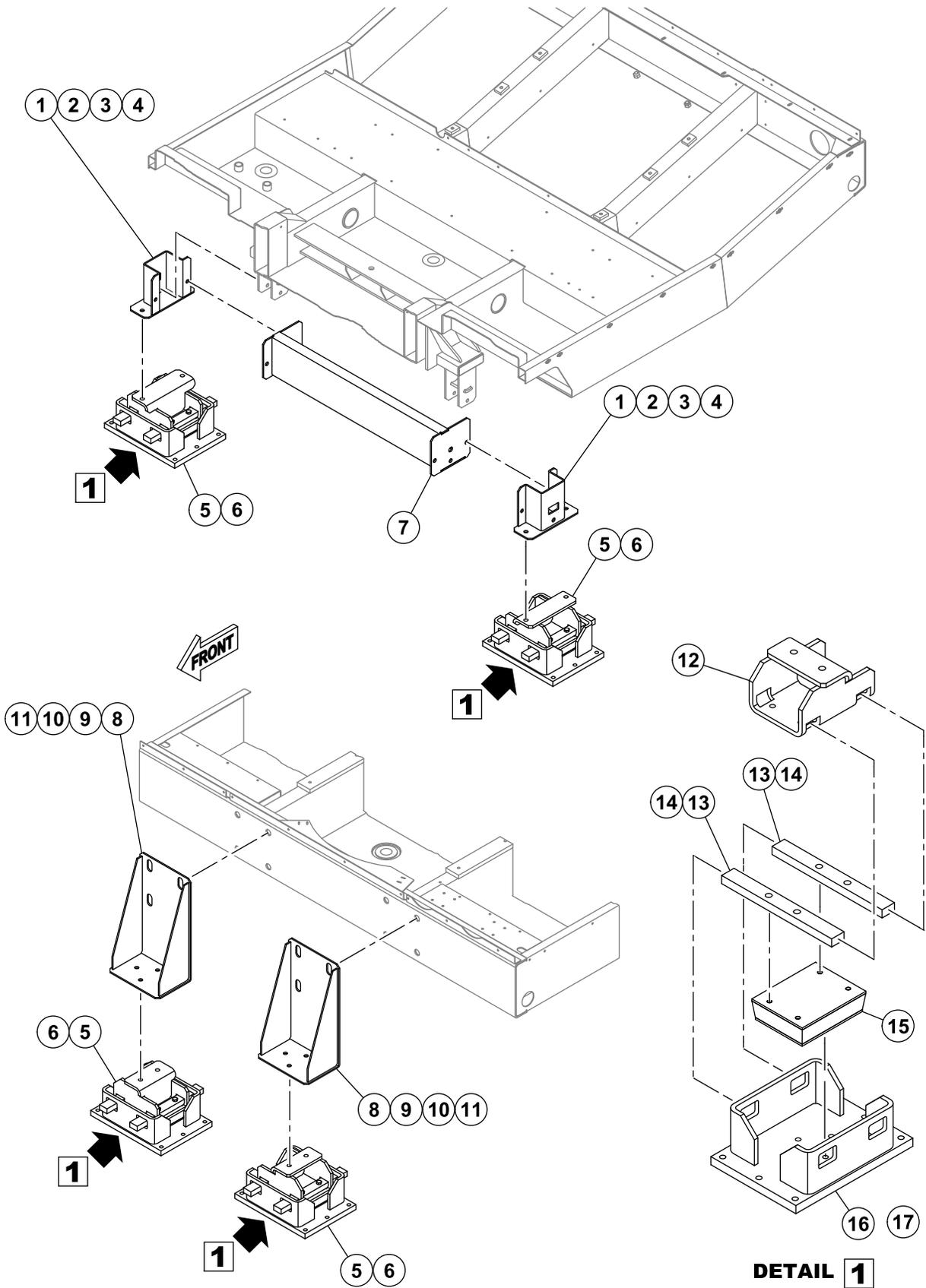
| ITEM | PART NO. | DESCRIPTION              | QTY | NOTES |
|------|----------|--------------------------|-----|-------|
| 1    | 22871289 | SPRING, SHACKLE ASSEMBLY | 2   |       |
| 2    | 22392559 | SPRING, COMPRESSION      | 1   |       |
| 3    | 22871214 | RING                     | 2   |       |
| 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                 | 12  |       |

# RUNNING GEAR, WAGON, REAR AXLE, BRAKE ASSEMBLY



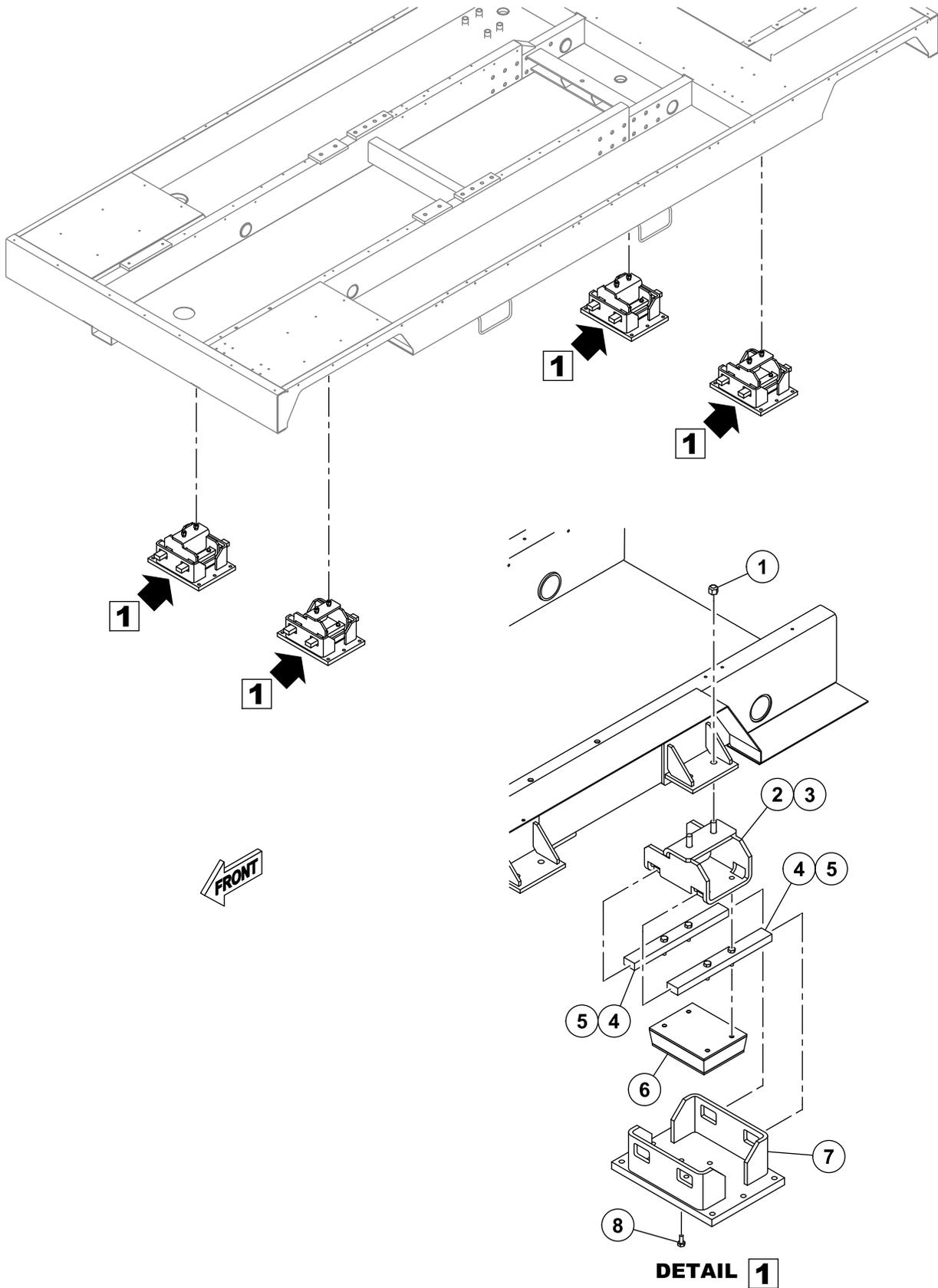
| ITEM | PART NO. | DESCRIPTION                     | QTY | NOTES |
|------|----------|---------------------------------|-----|-------|
| 1    | 22392625 | BRAKE SHOE, COMPLETE KNOTT AXLE | 2   |       |
| 2    | 22392617 | ADJUSTER, KNOTT AXLE            | 2   |       |
| 3    | 22392666 | SPRING, KNOTT AXLE              | 4   |       |
| 4    | 22392658 | EXPANDER, KNOTT AXLE            | 2   |       |
| 5    | 22392674 | CUFF, BRAKE ROD KNOTT AXLE      | 2   |       |

# RUNNING GEAR, TANDEM, LESS RUNNING GEAR, WITH SHOCK MOUNT



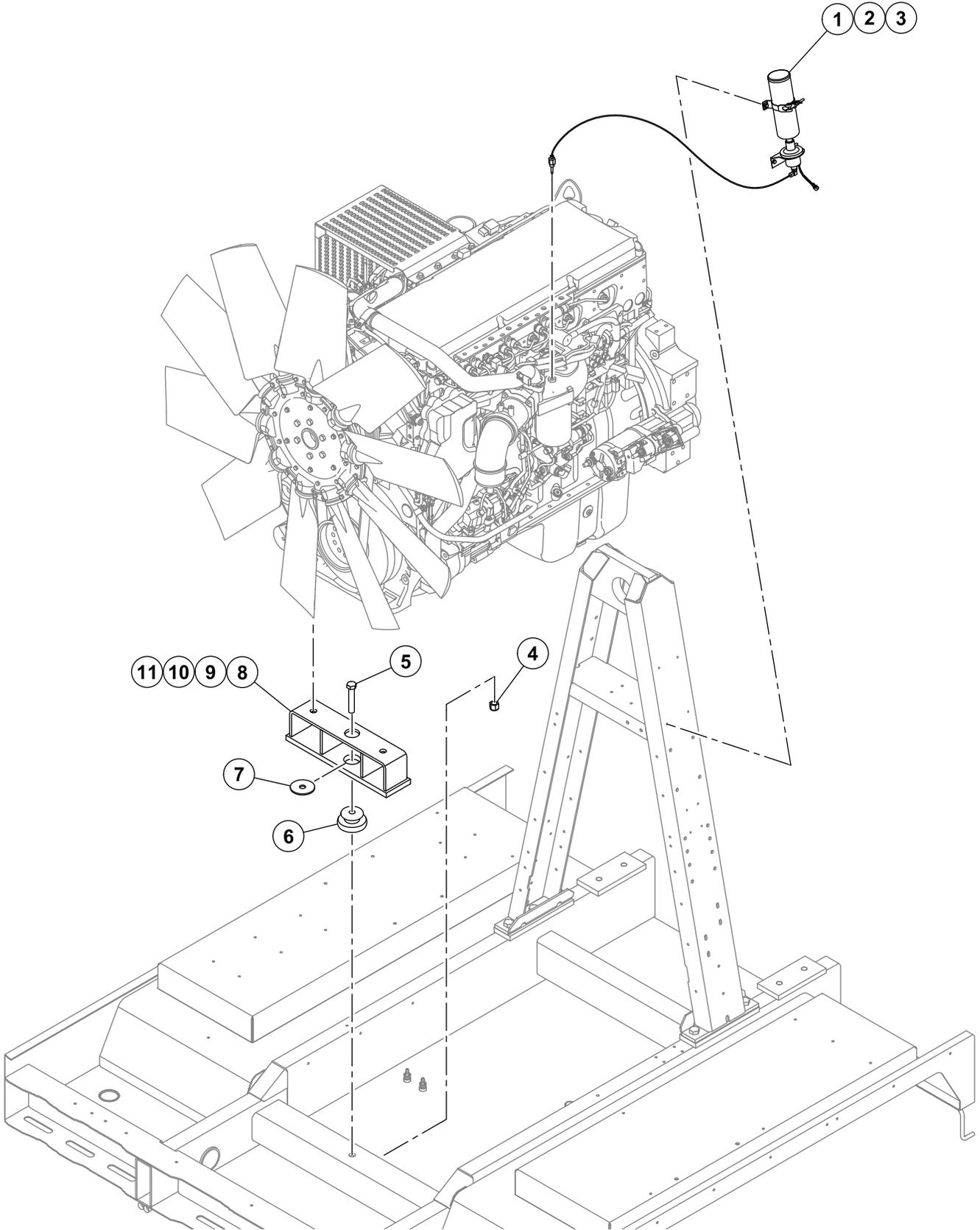
| ITEM | PART NO.   | DESCRIPTION                            | QTY | NOTES |
|------|------------|--|-----|-------|
| 1    | 46624600SB | SUPPORT, END, HIGH SPEED W/SHOCK MOUNT | 2   |       |
| 2    | 96716014   | SCREW, HEX                             | 2   |       |
| 3    | 96719810   | SCREW, HEX                             | 4   |       |
| 4    | 96728555   | NUT, HEX NYLON INSERT                  | 6   |       |
| 5    | 96703962   | SCREW, HEX                             | 8   |       |
| 6    | 96701750   | NUT, HEX                               | 8   |       |
| 7    | 22876544SB | SUPPORT ASSEMBLY                       | 1   |       |
| 8    | 22876577SB | SUPPORT, LRG FRONT ASSEMBLY            | 2   |       |
| 9    | 95996179   | SCREW, HEX                             | 8   |       |
| 10   | 95939492   | WASHER, FLAT                           | 16  |       |
| 11   | 95996187   | NUT, LOCK                              | 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                             | 16  |       |
| 15   | 36847002   | ISOLATOR, SHEAR MOUNT                  | 4   |       |
| 16   | 22110753SB | SUPPORT, LOWER SHOCK MOUNT             | 4   |       |
| 17   | 95954079   | SCREW, HEX                             | 16  |       |

# RUNNING GEAR, WAGON, LESS RUNNING GEAR, WITH SHOCK MOUNT



| ITEM | PART NO.   | DESCRIPTION                | QTY | NOTES |
|------|------------|----------------------------|-----|-------|
| 1    | 96704630   | NUT, HEX                   | 8   |       |
| 2    | 22110761SB | SUPPORT, UPPER SHOCK MOUNT | 2   |       |
| 3    | 36879302   | SCREW, HEX                 | 8   |       |
| 4    | 22112171SB | BAR, SHOCK MOUNT RESTRAINT | 8   |       |
| 5    | 95994877   | SCREW, HEX                 | 16  |       |
| 6    | 36847002   | ISOLATOR, SHEAR MOUNT      | 4   |       |
| 7    | 22110753SB | SUPPORT, LOWER SHOCK MOUNT | 4   |       |
| 8    | 95954079   | SCREW, HEX                 | 16  |       |

# ENGINE, INSTALLATION

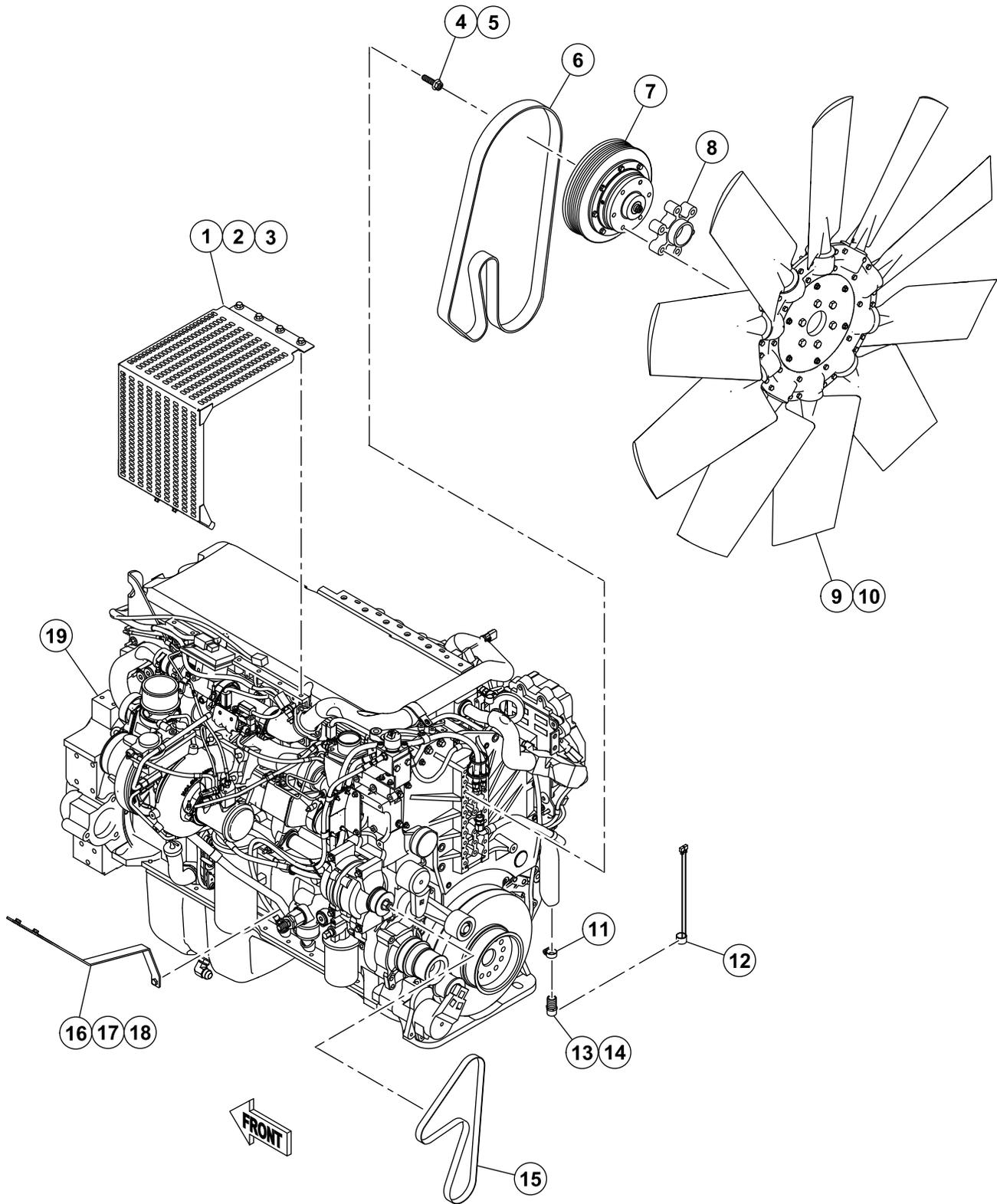


| ITEM | PART NO.   | DESCRIPTION                              | QTY | NOTES     |
|------|------------|--|-----|-----------|
| 1    | 46615380   | KIT, ETHER QSX15                         | 1   |           |
| 2    | 92368687   | SCREW, TAPPING                           | 4   |           |
| 3    | 35306141   | TERMINAL CONNECTOR                       | 2   |           |
| 4    | 95923363   | NUT, HEX NYLON INSERT                    | 1   |           |
| 5    | 95934253   | SCREW, HEX                               | 1   |           |
| 6    | 35584556   | MOUNT, CENTER BOND                       | 1   |           |
| 7    | 35273937   | WASHER, SNUBBER                          | 1   |           |
| 8    | 54570122SB | BRACKET, ENGINE SUPPORT                  | 1   |           |
| 9    | 36763670   | SCREW,, HEX                              | 2   |           |
| 10   | 95935011   | WASHER, FLAT                             | 2   |           |
| 11   | 35297340   | NUT, HEX                                 | 2   |           |
|      | 46653158   | HARNESS, COMPRESSOR CUMMINS<br>QSX15-T4F | 1   | NOT SHOWN |
|      | 46653161   | HARNESS, ENGINE CUMMINS QSX15-T4F        | 1   | NOT SHOWN |
|      | 46673356   | HARNESS, ETHER, SOLENOID, RELAY          | 1   | NOT SHOWN |



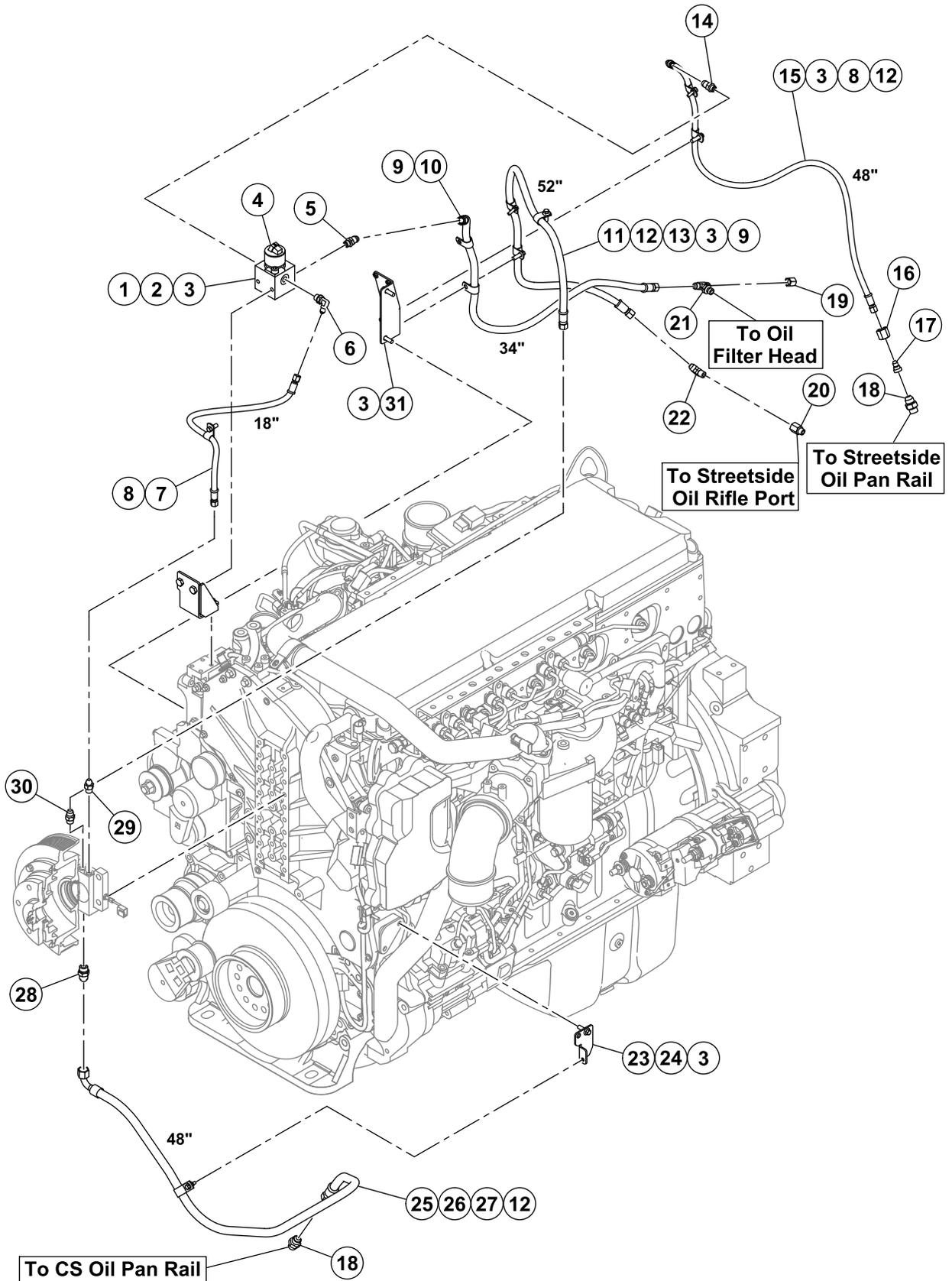
| ITEM | PART NO.   | DESCRIPTION                               | QTY | NOTES |
|------|------------|---|-----|-------|
| 1    | 46647799GB | GUARD, TURBO CUMMINS                      | 1   |       |
| 2    | 36879492   | SCREW, HEX FLANGE                         | 4   |       |
| 3    | 36889608   | SCREW, HEX FLANGE                         | 2   |       |
| 4    | 46643008   | BELT, ENGINE FAN                          | 1   |       |
| 5    | 54409339   | SPACER, FAN, NO CLUTCH                    | 1   |       |
| 6    | 46560680   | FAN, 56", 10 BLADE                        | 1   |       |
| 7    | 95935169   | SCREW, UNC                                | 6   |       |
| 8    | 952208518  | CLAMP, WORM GEAR                          | 1   |       |
| 9    | 23346612   | HEATER, CYLINDRICAL, 24 VDC               | 1   |       |
| 10   | 24908923   | ADAPTER, BARBED                           | 1   |       |
| 11   | 35268788   | TIE, CABLE                                | 1   |       |
| 12   | 46615382   | BELT, ALTERNATOR                          | 1   |       |
| 13   | 46650393SB | BRACKET, TURBO GUARD TO ENGINE            | 1   |       |
| 14   | 96705025   | SCREW,, HEX                               | 1   |       |
| 15   | 36881886   | NUT, HEX FLANGE, M08 - 1.25               | 1   |       |
| 16   | 46671239   | ENGINE, CUMMINS QSX15-T4F, WITH FAN DRIVE | 1   |       |

# ENGINE ASSEMBLY, WITH FAN CLUTCH, CUMMINS QSX15 T4F



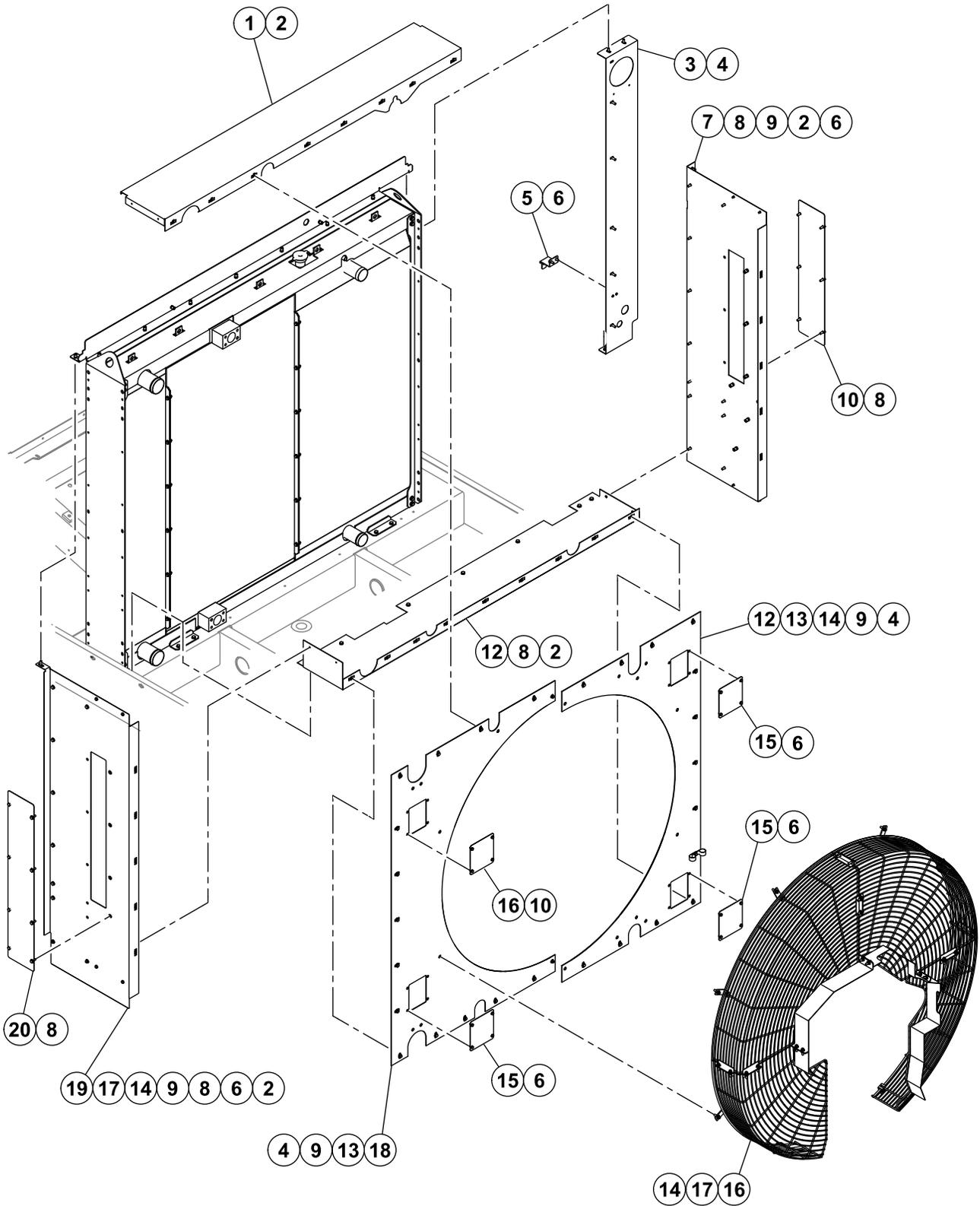
| ITEM | PART NO.   | DESCRIPTION                             | QTY | NOTES     |
|------|------------|---|-----|-----------|
| 1    | 46647799GB | GUARD, TURBO CUMMINS                    | 1   |           |
| 2    | 36879492   | SCREW, HEX FLANGE                       | 4   |           |
| 3    | 36889608   | SCREW, HEX FLANGE                       | 2   |           |
| 4    | 46671024   | SCREW, HEX                              | 4   |           |
| 5    | 36879203   | NUT, HEX, FLANGE SERRATED               | 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, UNC                              | 6   |           |
| 11   | 95220851   | CLAMP, WORM GEAR                        | 1   |           |
| 12   | 23346612   | HEATER, CYLINDRICAL, 24 VDC             | 1   |           |
| 13   | 24908923   | ADAPTER, BARBED                         | 1   |           |
| 14   | 35268788   | TIE, CABLE                              | 1   |           |
| 15   | 46615382   | BELT, ALTERNATOR                        | 1   |           |
| 16   | 46650393SB | BRACKET, TURBO GUARD TO ENGINE          | 1   |           |
| 17   | 96705025   | SCREW, HEX                              | 1   |           |
| 18   | 36881886   | NUT, HEX FLANGE                         | 2   |           |
| 19   | 46671239   | ENGINE, CUMMINS QSX15-T4F, NO FAN DRIVE | 1   |           |
|      | 46671086   | HARNESS, FAN CLUTCH                     | 1   | NOT SHOWN |
|      | 46780165   | KIT, CLUTCH REPLACEMENT                 | 1   | NOT SHOWN |

# ENGINE FAN CLUTCH



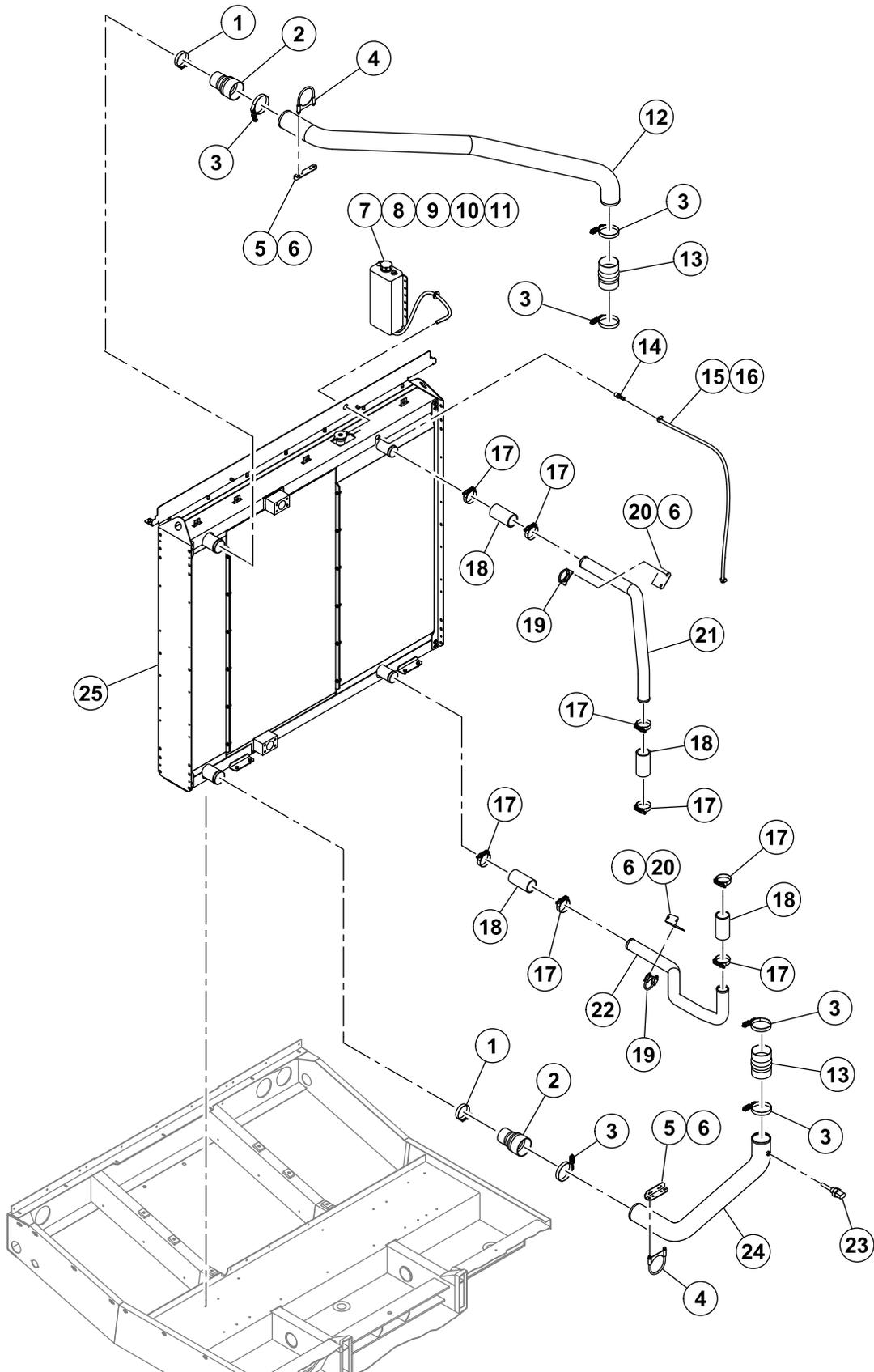
| ITEM | PART NO.   | DESCRIPTION                       | QTY | NOTES              |
|------|------------|-----------------------------------|-----|--------------------|
| 1    | 46655082SB | BRACKET, FAN CLUTCH CONTROL VALVE | 1   |                    |
| 2    | 96702279   | SCREW, HEX                        | 2   |                    |
| 3    | 36889608   | SCREW, HEX                        | 7   |                    |
| 4    | 46655083   | CONTROLLER, FAN CLUTCH            | 1   |                    |
| 5    | 35279835   | ELBOW, 45°                        | 1   |                    |
| 6    | 95365094   | ELBOW, 90°                        | 1   |                    |
| 7    | 35358084   | HOSE                              | 18  | MEASURED IN INCHES |
| 8    | 35225093   | CLAMP, SUPPORT                    | 3   |                    |
| 9    | 35282987   | HOSE, 34"                         | 1   |                    |
| 10   | 35225077   | CLAMP, SUPPORT                    | 6   |                    |
| 11   | 36844074   | HOSE                              | 52  | MEASURED IN INCHES |
| 12   | 36898096   | SCREW, HEX FLANGE                 | 2   |                    |
| 13   | 96704408   | SCREW, FLANGE                     | 1   |                    |
| 14   | 96952874   | ELBOW, 45°                        | 1   |                    |
| 15   | 35283480   | HOSE                              | 48  | MEASURED IN INCHES |
| 16   | 35296219   | NUT, TUBE                         | 1   |                    |
| 17   | 35299734   | REDUCER                           | 1   |                    |
| 18   | 22063945   | CONNECTOR                         | 2   |                    |
| 19   | 35321389   | CAP                               | 1   |                    |
| 20   | 54720719   | ADAPTER, W/O-RING                 | 1   |                    |
| 21   | 46655240   | TEE, O-RING                       | 1   |                    |
| 22   | 35290253   | ELBOW, 45°                        | 1   |                    |
| 23   | 46655200SB | BRACKET, HOSE CLAMP               | 1   |                    |
| 24   | 36881886   | NUT, HEX FLANGE                   | 1   |                    |
| 25   | 46655717   | HOSE                              | 48  | MEASURED IN INCHES |
| 26   | 35291285   | CLAMP, HOSE                       | 1   |                    |
| 27   | 36898104   | NUT, HEX                          | 1   |                    |
| 28   | 35288166   | CONNECTOR                         | 1   |                    |
| 29   | 35287903   | CONNECTOR                         | 1   |                    |
| 30   | 35283076   | CONNECTOR                         | 1   |                    |
| 31   | 46655196SB | BRACKET, HOSE CLAMP, FAN CLUTCH   | 1   |                    |
|      | 35268788   | CABLE, TIE                        | 6   |                    |

# COOLING SYSTEM, FAN SHROUD INSTALLATION



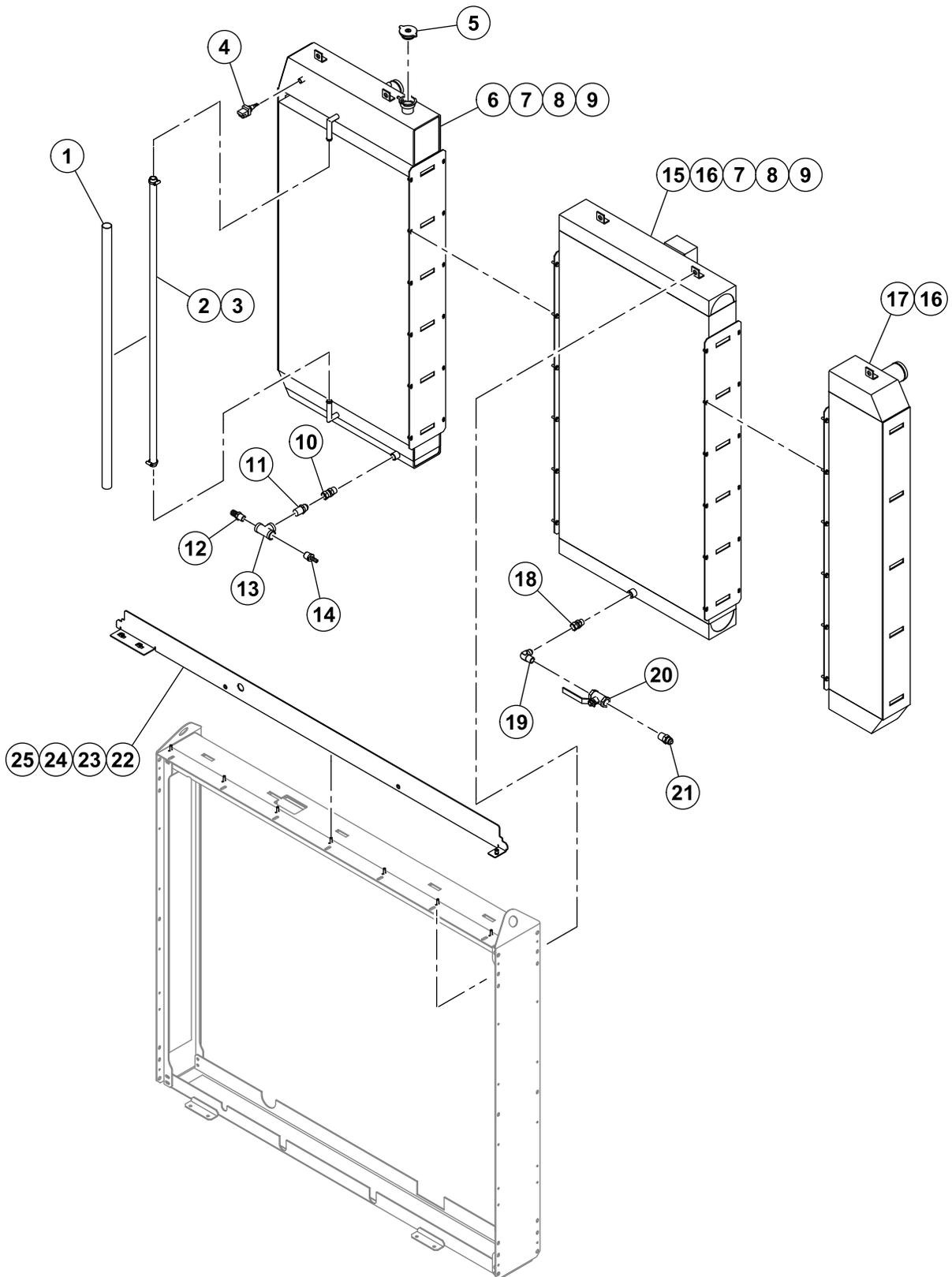
| ITEM | PART NO.   | DESCRIPTION               | QTY | NOTES |
|------|------------|---------------------------|-----|-------|
| 1    | 46560539SA | SHROUD, COOLER TOP        | 1   |       |
| 2    | 35346741   | NUT, RETAINER             | 29  |       |
| 3    | 46651471SA | BAFFLE, COOLER STREETSIDE | 1   |       |
| 4    | 35144336   | SCREW, HEX FLANGE LOCK    | 29  |       |
| 5    | 46636141SA | BRACKET, HOSE CLAMP       | 1   |       |
| 6    | 36797652   | SCREW, TAPPING            | 26  |       |
| 7    | 46651472SA | SHROUD, COOLER STREETSIDE | 1   |       |
| 8    | 35279025   | SCREW, TAPPING            | 42  |       |
| 9    | 36895746   | NUTSERT, HEX              | 37  |       |
| 10   | 46651477SA | PANEL, COOLER CLEANOUT    | 1   |       |
| 11   | 46554974SA | SHROUD, COOLER BOTTOM     | 1   |       |
| 12   | 46555796SA | ORIFICE, STREETSIDE FAN   | 1   |       |
| 13   | 36921344   | NUTSERT                   | 16  |       |
| 14   | 36889608   | SCREW, HEX FLANGE         | 37  |       |
| 15   | 54661426SA | COVER, COOLER ACCESS      | 4   |       |
| 16   | 46650125   | GUARD, FAN                | 1   |       |
| 17   | 36881886   | NUT, HEX                  | 20  |       |
| 18   | 46554971SA | ORIFICE, CURBSIDE         | 1   |       |
| 19   | 46653644SA | SHROUD, COOLER CURBSIDE   | 1   |       |
| 20   | 46560542SA | PANEL, COOLER CLEANOUT    | 1   |       |

# COOLING SYSTEM, COOLING PACKAGE INSTALLATION



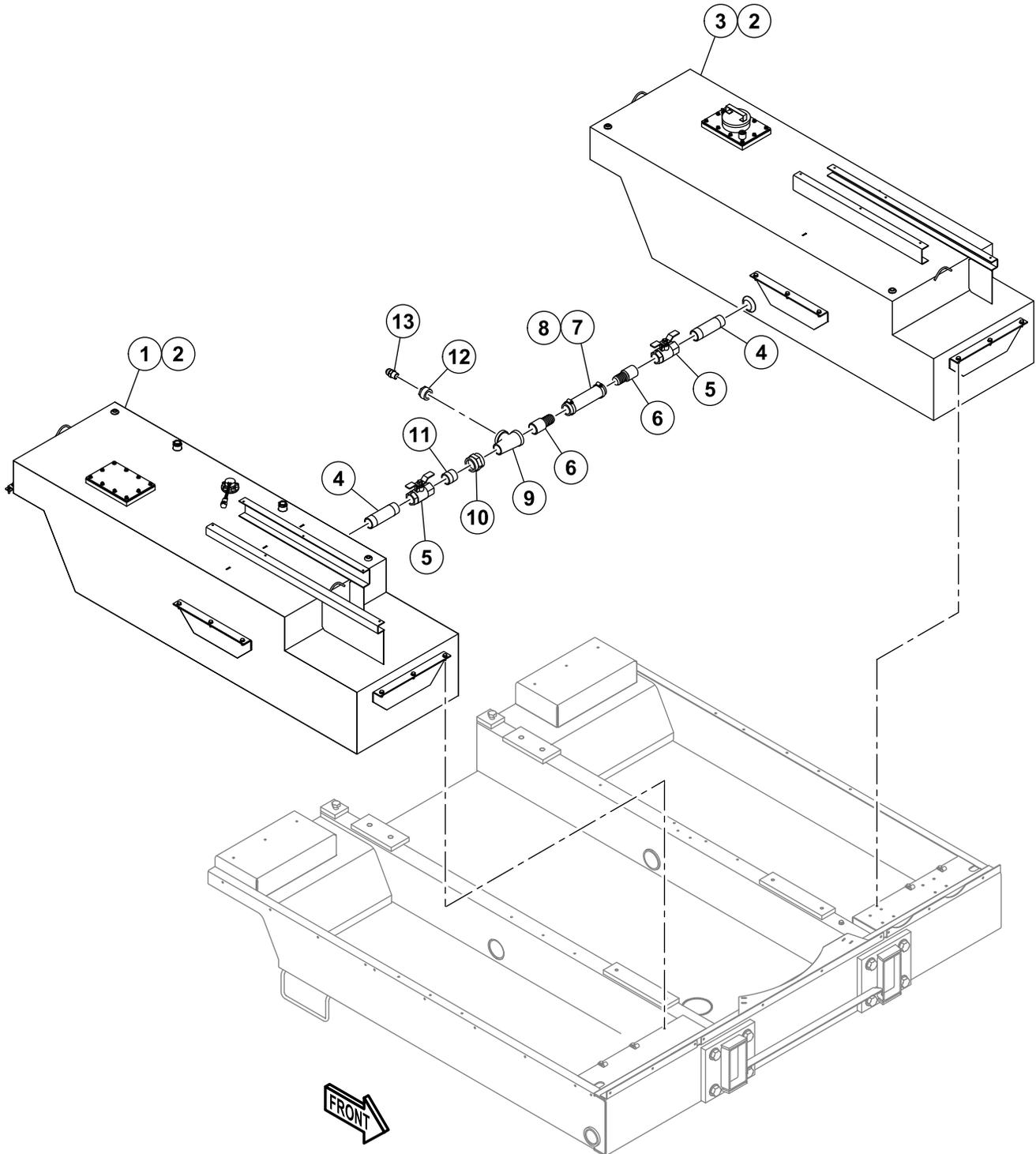
| ITEM | PART NO.   | DESCRIPTION                    | QTY | NOTES              |
|------|------------|--------------------------------|-----|--------------------|
| 1    | 46490835   | CLAMP, SPRING LOADED T-BOLT    | 2   |                    |
| 2    | 22058564   | HOSE, STRAIGHT BELLOWS         | 2   |                    |
| 3    | 54444427   | CLAMP, SPRING LOADED T-BOLT    | 6   |                    |
| 4    | 35111731   | CLAMP, SADDLE                  | 2   |                    |
| 5    | 46572839SA | BRACKET, CLAMP SUPPORT         | 2   |                    |
| 6    | 36889608   | SCREW, HEX FLANGE              | 6   |                    |
| 7    | 36845600   | BOTTLE, RADIATOR OVERFLOW      | 1   |                    |
| 8    | 35360775   | TUBING                         | 33  | MEASURED IN INCHES |
| 9    | 35285162   | GROMMET                        | 1   |                    |
| 10   | 35296342   | CLAMP, HOSE WORMGEAR           | 1   |                    |
| 11   | 35300771   | SCREW, HEX TAPPING             | 4   |                    |
| 12   | 46646980   | TUBE, CHARGE AIR COOLER TOP    | 1   |                    |
| 13   | 54422522   | CONNECTOR, 4" RIBBED           | 2   |                    |
| 14   | 35310598   | ADAPTER, BARBED 3/8" HOSE      | 1   |                    |
| 15   | 35285600   | HOSE, RUBBER                   | 48  | MEASURED IN INCHES |
| 16   | 95264776   | CLAMP, HOSE WORMGEAR           | 2   |                    |
| 17   | 35330703   | CLAMP, T-BOLT                  | 8   |                    |
| 18   | 23075302   | HOSE, COOLANT                  | 4   |                    |
| 19   | 35209048   | CLAMP, SADDLE                  | 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           | 50  | MEASURED IN INCHES |
| 2    | 46652352   | HOSE, SILICONE, COOLANT     | 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                    | 24  |                    |
| 8    | 95934303   | WASHER, LOCK                | 24  |                    |
| 9    | 95064671   | WASHER, FLAT                | 48  |                    |
| 10   | 96951421   | CONNECTOR                   | 1   |                    |
| 11   | 35286426   | ADAPTER                     | 1   |                    |
| 12   | 35326560   | ADAPTER, HEATER HOSE        | 1   |                    |
| 13   | 95954202   | TEE, .50 NPT                | 1   |                    |
| 14   | 46650952   | CONNECTOR, BARBED           | 1   |                    |
| 15   | 46556491   | COOLER, OIL                 | 1   |                    |
| 16   | 95929006   | SCREW, HEX                  | 24  |                    |
| 17   | 46556492   | COOLER, CAC                 | 1   |                    |
| 18   | 46587460   | CONNECTOR, SWIVEL           | 1   |                    |
| 19   | 35309210   | ELBOW, 90°                  | 1   |                    |
| 20   | 46654796   | VALVE, BALL                 | 1   |                    |
| 21   | 95249975   | CONNECTOR                   | 1   |                    |
| 22   | 46650999SA | BAFFLE, COOLER TOP          | 1   |                    |
| 23   | 36889608   | SCREW, HEX FLANGE           | 7   |                    |
| 24   | 36895746   | NUTSERT, HEX                | 10  |                    |
| 25   | 35346741   | NUT, RETAINER               | 2   |                    |

# FUEL SYSTEM, TANDEM, FUEL TANK INSTALLATION

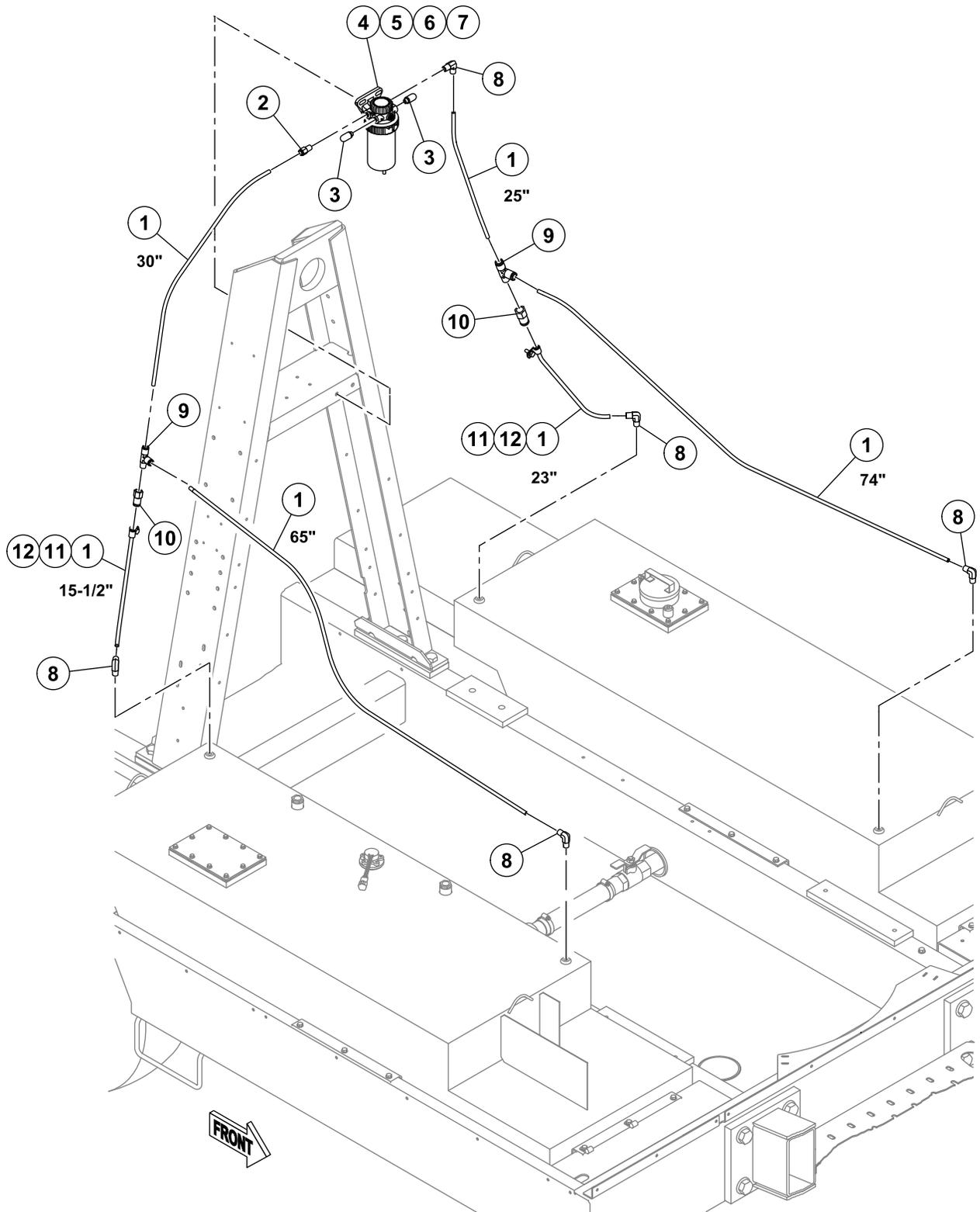


| ITEM | PART NO.   | DESCRIPTION             | QTY | NOTES              |
|------|------------|-------------------------|-----|--------------------|
| 1    | 46653146SB | TANK, TANDEM, RH FUEL   | 1   |                    |
| 2    | 35279025   | SCREW, TAPPING          | 24  |                    |
| 3    | 46653145SB | TANK, TANDEM, LH FUEL   | 1   |                    |
| 4    | 95953535   | NIPPLE, LONG            | 2   |                    |
| 5    | 46586499   | VALVE, BALL, TEE HANDLE | 2   |                    |
| 6    | 54762190   | FITTING, BARBED         | 2   |                    |
| 7    | 46645703   | HOSE, FUEL              | 8   | MEASURED IN INCHES |
| 8    | 35221662   | CLAMP, HOSE             | 2   |                    |
| 9    | 95954285   | TEE, STREET             | 1   |                    |
| 10   | 95592283   | UNION, FEMALE           | 1   |                    |
| 11   | 95487773   | NIPPLE, 1-1/2" NPT      | 1   |                    |
| 12   | 95953873   | BUSHING, REDUCER        | 1   |                    |
| 13   | 95219747   | CONNECTOR, TUBE         | 1   |                    |



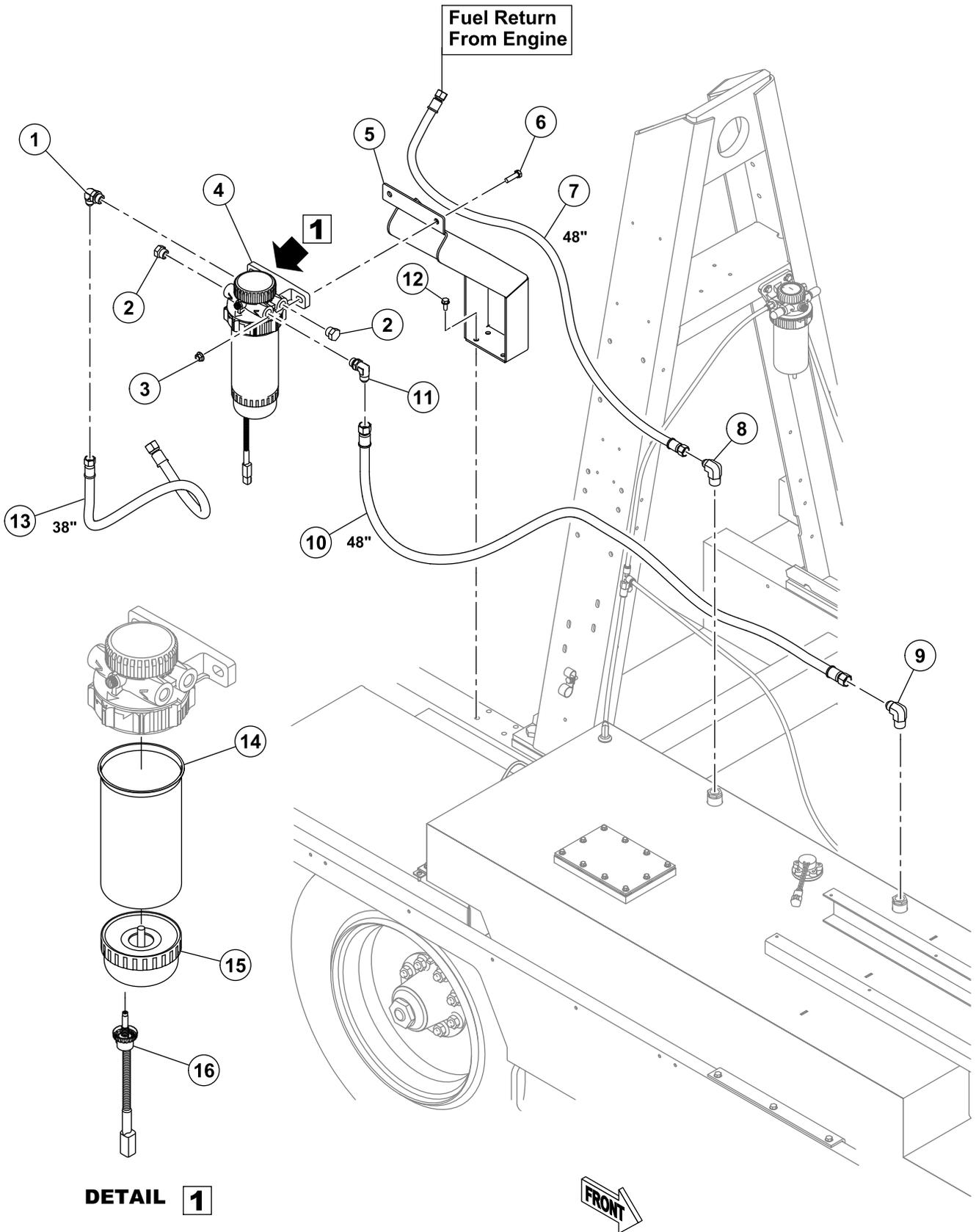
| ITEM | PART NO.   | DESCRIPTION               | QTY | NOTES |
|------|------------|---------------------------|-----|-------|
| 1    | 36845014   | CAP, FUEL FILLER          | 1   |       |
| 2    | 36845022   | STRAINER, FUEL TANK       | 1   |       |
| 3    | 95928255   | PLUG, HEX SOCKET          | 1   |       |
| 4    | 23148737   | COVER, FUEL FILL          | 1   |       |
| 5    | 35144328   | SCREW, HEX LOCK           | 20  |       |
| 6    | 35389964   | GASKET, COVER             | 2   |       |
| 7    | 46653145SB | TANK, TANDEM, SS FUEL     | 1   |       |
| 8    | 95437141   | PLUG, SQUARE HEAD         | 2   |       |
| 9    | 22062566   | COVER, FUEL TANK CLEANOUT | 1   |       |
| 10   | 46565979   | SENSOR, FUEL LEVEL        | 1   |       |
| 11   | 35252279   | SCREW, SLOTTED            | 5   |       |
| 12   | 35361849   | GASKET, FUEL LEVEL SENDER | 1   |       |
| 13   | 46653146SB | TANK, TANDEM, CS FUEL     | 1   |       |

# FUEL SYSTEM, TANDEM, VENTING



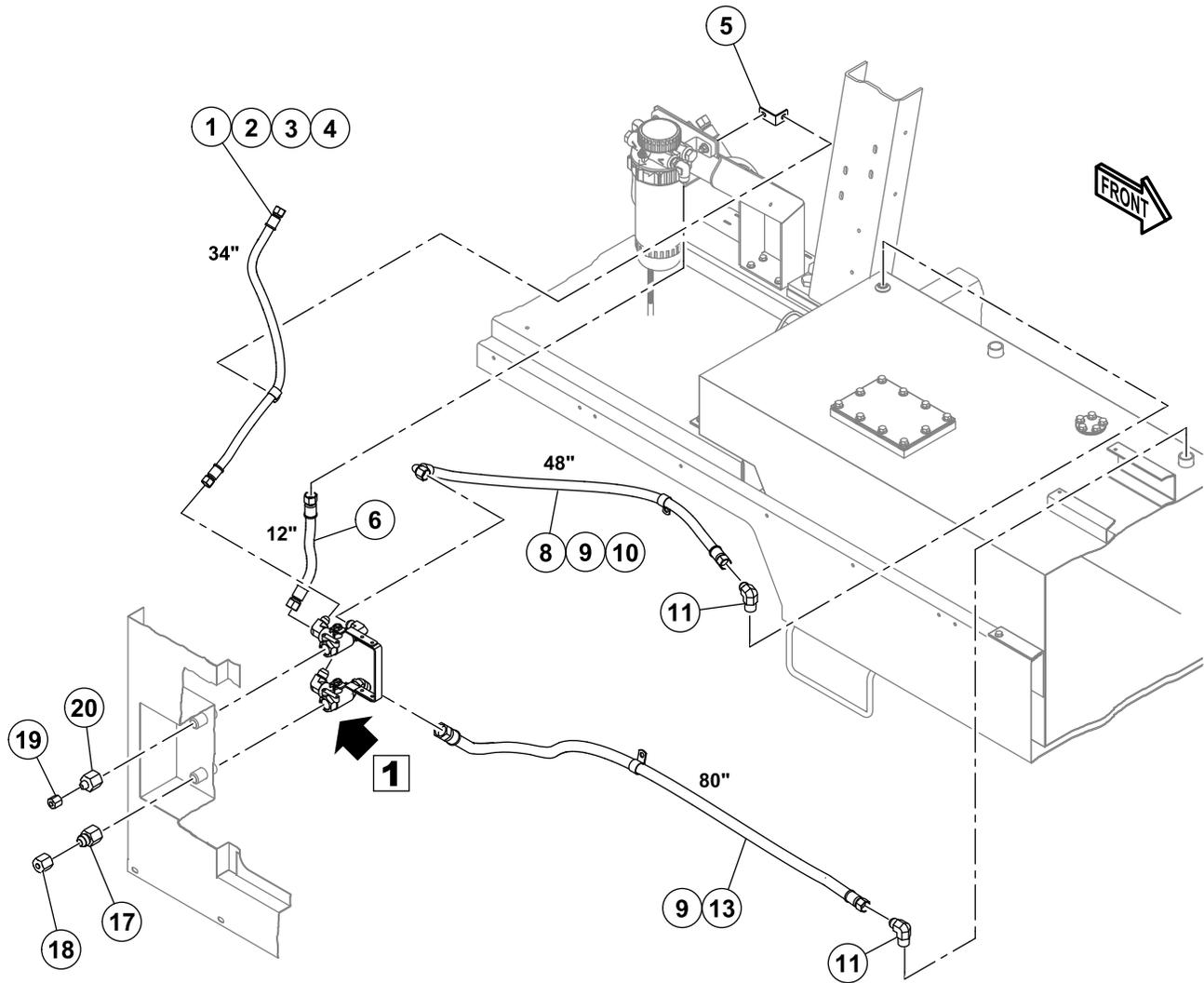
| ITEM | PART NO. | DESCRIPTION                             | QTY | NOTES               |
|------|----------|---|-----|---------------------|
| 1    | 35356484 | TUBING, SYNDFLEX                        | 222 | MEASURED IN INCHES  |
| 2    | 35369347 | CONNECTOR, TUBE                         | 1   |                     |
| 3    | 35322395 | SILENCER, PNEUMATIC                     | 2   |                     |
| 4    | 46591539 | FILTER, FUEL TANK VENT 5 MICRON         | 1   |                     |
| 5    | 36881886 | NUT, HEX FLANGE                         | 2   |                     |
| 6    | 95934998 | WASHER, FLAT                            | 2   |                     |
| 7    | 35271162 | SCREW, HEX                              | 2   |                     |
| 8    | 35369354 | ELBOW, 90°                              | 5   |                     |
| 9    | 35369503 | TEE, STREET, TUBE                       | 2   |                     |
| 10   | 35369339 | CONNECTOR, TUBE                         | 2   |                     |
| 11   | 35222538 | CLAMP, SUPPORT, RUBBER COATED           | 2   |                     |
| 12   | 35279025 | SCREW, TAPPING                          | 2   |                     |
|      | 46594960 | FILTER ELEMENT, FUEL TANK VENT 5 MICRON | 1   | REPLACEMENT ELEMENT |

# FUEL SYSTEM, TANDEM STANDARD PIPING

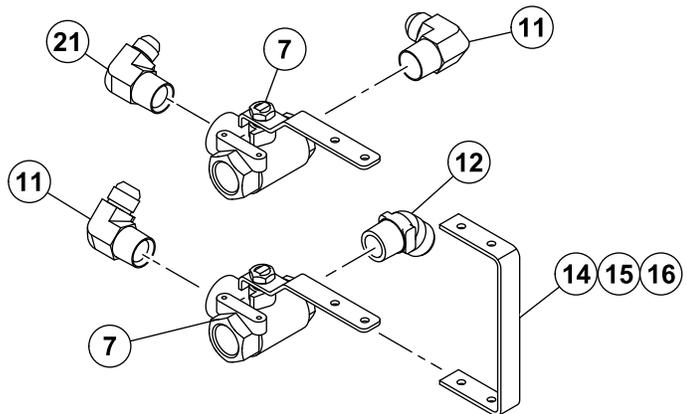


| ITEM | PART NO.   | DESCRIPTION                              | QTY | NOTES              |
|------|------------|--|-----|--------------------|
| 1    | 46628021   | ELBOW, 90°                               | 1   |                    |
|      | 95973228   | O-RING                                   | 1   |                    |
| 2    | 35287028   | PLUG, O-RING                             | 2   |                    |
|      | 35286533   | O-RING                                   | 2   |                    |
| 3    | 36879195   | NUT, HEX FLANGE                          | 2   |                    |
| 4    | 46578119   | FILTER, FUEL / WATER SEPARATOR 7 MICRON  | 1   |                    |
| 5    | 46586779SB | BRACKET, 7 MICRON FUEL / WATER SEPARATOR | 1   |                    |
| 6    | 96704309   | SCREW, HEX                               | 2   |                    |
| 7    | 35307719   | HOSE                                     | 48  | MEASURED IN INCHES |
| 8    | 35287044   | ELBOW, 90°                               | 1   |                    |
| 9    | 95279394   | ELBOW, 90°                               | 1   |                    |
| 10   | 35286558   | HOSE                                     | 48  | MEASURED IN INCHES |
| 11   | 96746078   | ELBOW, 90°, SWIVEL                       | 1   |                    |
| 12   | 35279025   | SCREW, TAPPING                           | 4   |                    |
| 13   | 46580979   | HOSE                                     | 38  | MEASURED IN INCHES |
| 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

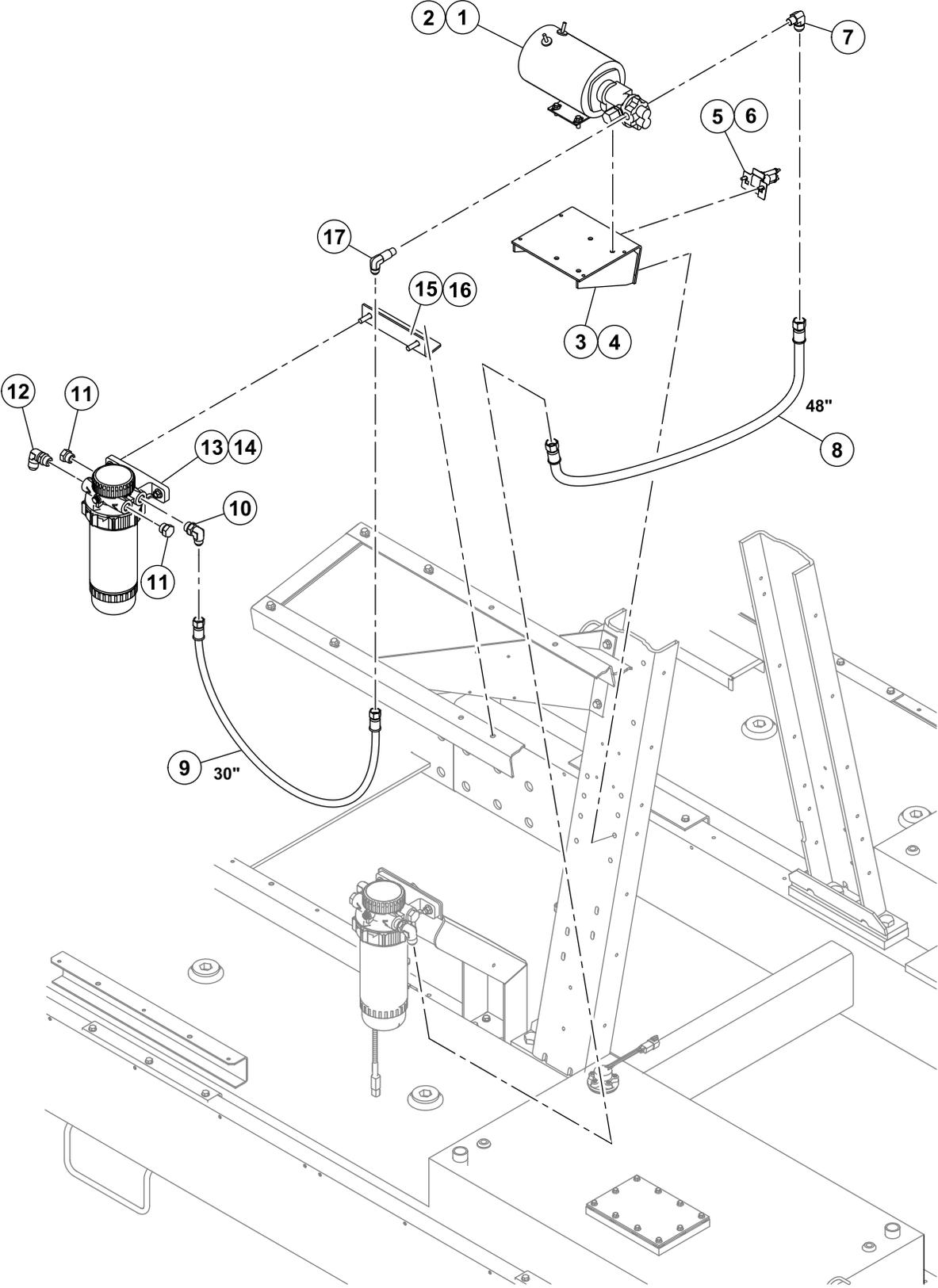


**DETAIL 1**



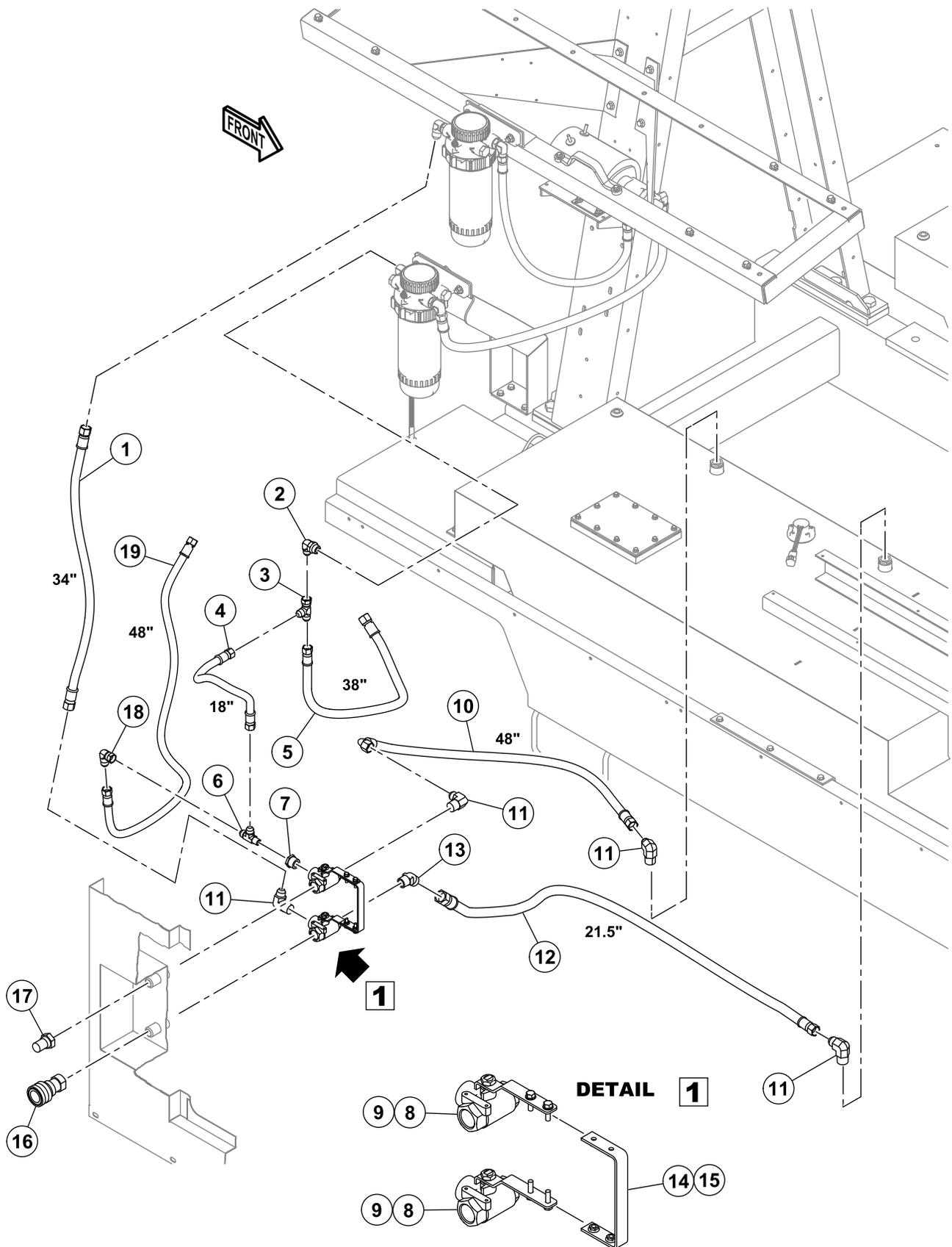
| ITEM | PART NO. | DESCRIPTION           | QTY | NOTES |
|------|----------|-----------------------|-----|-------|
| 1    | 35295179 | HOSE                  | 1   |       |
| 2    | 35291285 | CLAMP, HOSE           | 1   |       |
| 3    | 96702824 | SCREW, HEX HEAD       | 1   |       |
| 4    | 96735543 | NUT, HEX              | 1   |       |
| 5    | 35127224 | BRACKET, SUPPORT      | 1   |       |
| 6    | 35287010 | HOSE                  | 1   |       |
| 7    | 54726575 | VALVE, 3-WAY 3/4" NPT | 2   |       |
| 8    | 46568771 | HOSE                  | 1   |       |
| 9    | 35225085 | CLAMP, SUPPORT        | 2   |       |
| 10   | 35279025 | SCREW, HEX HEAD       | 1   |       |
| 11   | 95279394 | ELBOW, 90°            | 4   |       |
| 12   | 95279105 | ELBOW, 45°            | 1   |       |
| 13   | 22500607 | HOSE                  | 1   |       |
| 14   | 22330880 | LEVER, 3-WAY VALVE    | 1   |       |
| 15   | 36898104 | NUT, HEX FLANGE       | 4   |       |
| 16   | 36898096 | SCREW, HEX FLANGE     | 4   |       |
| 17   | 95293320 | CONNECTOR             | 1   |       |
| 18   | 35369214 | CAP, -12 JIC          | 1   |       |
| 19   | 35313428 | CAP, -8 JIC           | 1   |       |
| 20   | 46606119 | CONNECTOR, FEMALE     | 1   |       |
| 21   | 35287044 | ELBOW, 90°            | 1   |       |

# FUEL SYSTEM, TANDEM, REMOTE FUEL WITH ELECTRIC FUEL PUMP



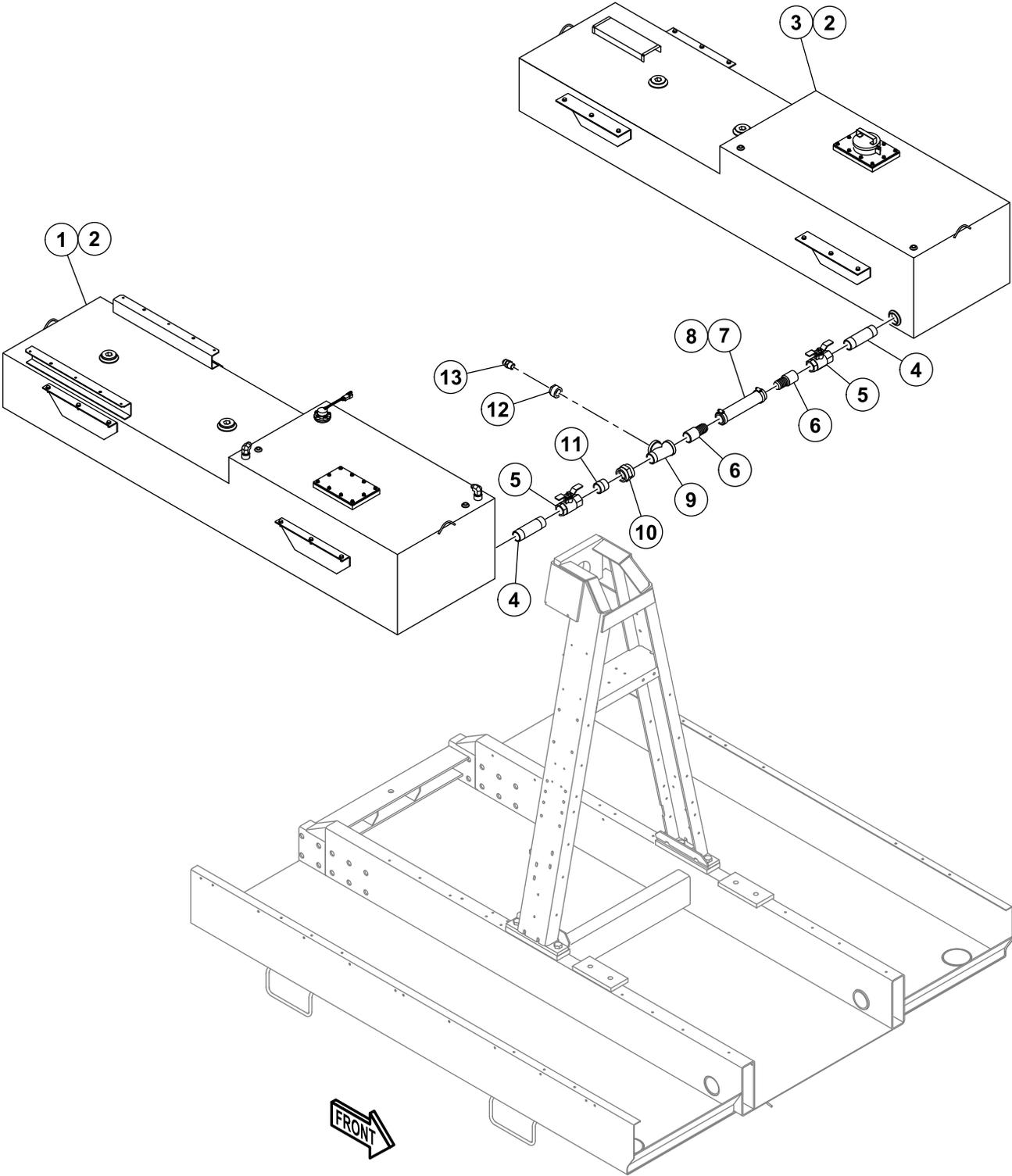
| ITEM | PART NO.   | DESCRIPTION                             | QTY | NOTES                  |
|------|------------|---|-----|------------------------|
| 1    | 46595339   | FUEL PUMP ASSEMBLY                      | 1   |                        |
|      | 95973228   | O-RING                                  | 1   |                        |
| 2    | 96704408   | SCREW, HEX FLANGE                       | 4   |                        |
| 3    | 23116270   | BRACKET, FUEL PUMP MOUNTING             | 1   |                        |
| 4    | 36881886   | NUT, HEX                                | 4   |                        |
| 5    | 36853521   | RELAY, 100A 24V                         | 1   |                        |
| 6    | 92368687   | SCREW, TAPPING                          | 2   |                        |
| 7    | 35286525   | ELBOW, 90°                              | 1   |                        |
| 8    | 35121847   | HOSE                                    | 48  | MEASURED IN INCHES     |
| 9    | 35298512   | HOSE                                    | 30  | MEASURED IN INCHES     |
| 10   | 35286442   | ELBOW, 90°                              | 1   |                        |
| 11   | 35287028   | PLUG, HEX, W/O-RING                     | 2   |                        |
|      | 35286533   | O-RING                                  | 2   |                        |
| 12   | 96746078   | ELBOW, 90°                              | 1   |                        |
| 13   | 46491601   | FILTER, FUEL/WATER SEPARATOR            | 1   |                        |
| 14   | 36879195   | NUT, HEX FLANGE                         | 2   |                        |
| 15   | 46578199SB | BRACKET, FUEL/WATER SEPARATOR<br>FILTER | 1   |                        |
| 16   | 96704309   | SCREW, HEX                              | 2   |                        |
| 17   | 46597139   | ELBOW, 90°                              | 1   |                        |
|      | 46492252   | ELEMENT, FUEL FILTER                    | 1   | REPLACEMENT<br>ELEMENT |
|      | 46609199   | BOWL, FUEL / WATER SEPARATOR            | 1   |                        |

# FUEL SYSTEM, TANDEM, REMOTE FUEL WITH PUMP, FUEL LINES



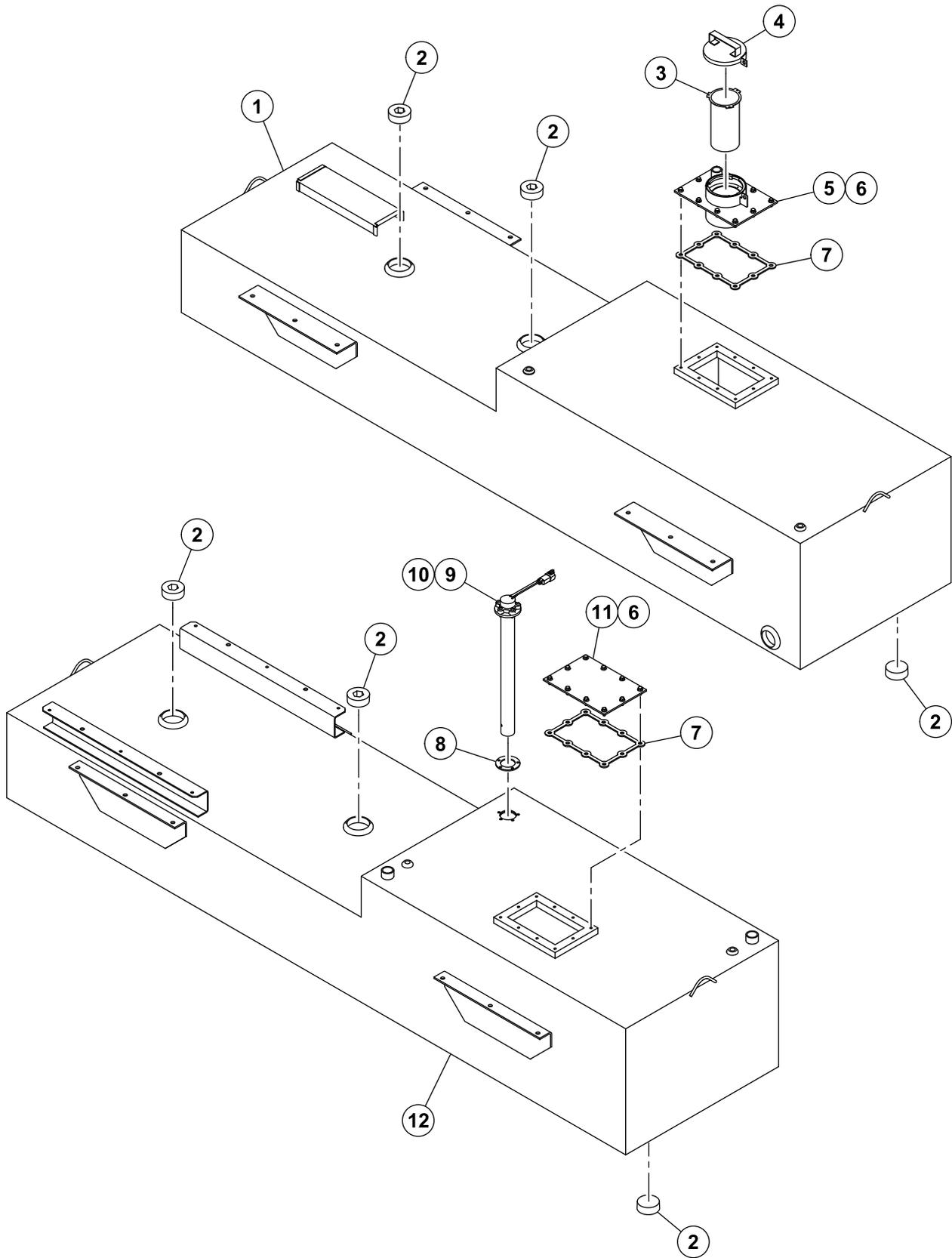
| ITEM | PART NO. | DESCRIPTION                        | QTY | NOTES              |
|------|----------|------------------------------------|-----|--------------------|
| 1    | 35325083 | HOSE                               | 34  | MEASURED IN INCHES |
| 2    | 35286442 | ELBOW, 90°                         | 1   |                    |
| 3    | 35287929 | TEE                                | 1   |                    |
| 4    | 35287952 | HOSE, 18"                          | 1   |                    |
| 5    | 46580979 | HOSE                               | 38  | MEASURED IN INCHES |
| 6    | 35315977 | TEE                                | 1   |                    |
| 7    | 95953956 | BUSHING, HEX REDUCER               | 1   |                    |
| 8    | 54726575 | VALVE, 3-WAY                       | 2   |                    |
| 9    | 36898096 | SCREW, HEX FLANGE                  | 4   |                    |
| 10   | 46568771 | HOSE, 90° ELBOW                    | 1   |                    |
| 11   | 95279394 | ELBOW, 90°                         | 4   |                    |
| 12   | 22500607 | HOSE                               | 1   |                    |
| 13   | 95279105 | ELBOW, 45°                         | 1   |                    |
| 14   | 22330880 | LEVER, 3-WAY VALVE                 | 1   |                    |
| 15   | 36898104 | NUT, HEX FLANGE                    | 4   |                    |
| 16   | 54489109 | COUPLER, 3/4" QUICK CONNECT FEMALE | 1   |                    |
| 17   | 54489125 | COUPLER, 3/4" QUICK CONNECT MALE   | 1   |                    |
| 18   | 35287911 | ELBOW, 90°                         | 1   |                    |
| 19   | 35307719 | HOSE                               | 48  | MEASURED IN INCHES |

# FUEL SYSTEM, WAGON, FUEL TANK INSTALLATION



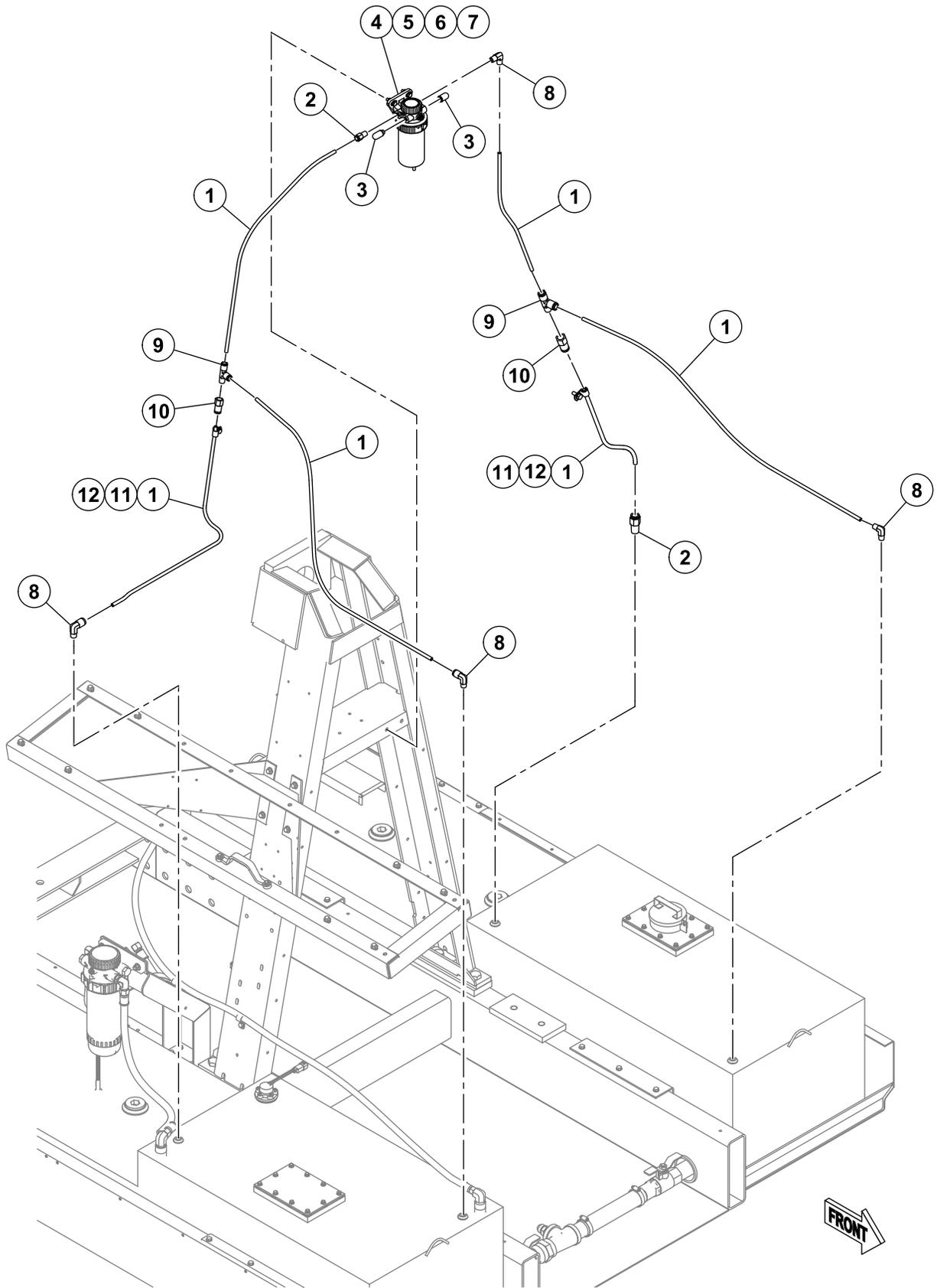
| ITEM | PART NO.   | DESCRIPTION                   | QTY | NOTES |
|------|------------|-------------------------------|-----|-------|
| 1    | 46654985SB | TANK, FUEL, CURBSIDE, WAGON   | 1   |       |
| 2    | 35279025   | SCREW, HEX                    | 24  |       |
| 3    | 46654984SB | TANK, FUEL, STREETSIDE, WAGON | 1   |       |
| 4    | 95953535   | NIPPLE                        | 2   |       |
| 5    | 46586499   | VALVE, BALL                   | 2   |       |
| 6    | 54762190   | FITTING, BARBED               | 2   |       |
| 7    | 46645703   | HOSE, FUEL                    | 1   |       |
| 8    | 35221662   | CLAMP, HOSE                   | 2   |       |
| 9    | 95954285   | TEE, STRAIGHT                 | 1   |       |
| 10   | 95592283   | UNION                         | 1   |       |
| 11   | 95487773   | NIPPLE                        | 1   |       |
| 12   | 95953873   | BUSHING, REDUCER              | 1   |       |
| 13   | 95219747   | CONNECTOR                     | 1   |       |

# FUEL SYSTEM, WAGON, FUEL TANK ASSEMBLIES



| ITEM | PART NO. | DESCRIPTION               | QTY | NOTES |
|------|----------|---------------------------|-----|-------|
| 1    | 46654984 | TANK, FUEL, CS WAGON      | 1   |       |
| 2    | 95941811 | PLUG, HEX                 | 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         | 20  |       |
| 7    | 35389964 | GASKET, COVER             | 2   |       |
| 8    | 35361849 | GASKET, FUEL LEVEL SENDER | 1   |       |
| 9    | 46652733 | SENSOR, FUEL LEVEL        | 1   |       |
| 10   | 36842102 | SCREW, HEX                | 5   |       |
| 11   | 22062566 | COVER, FUEL TANK CLEANOUT | 1   |       |
| 12   | 46654985 | TANK, FUEL, SS WAGON      | 1   |       |

# FUEL SYSTEM, WAGON, VENTING

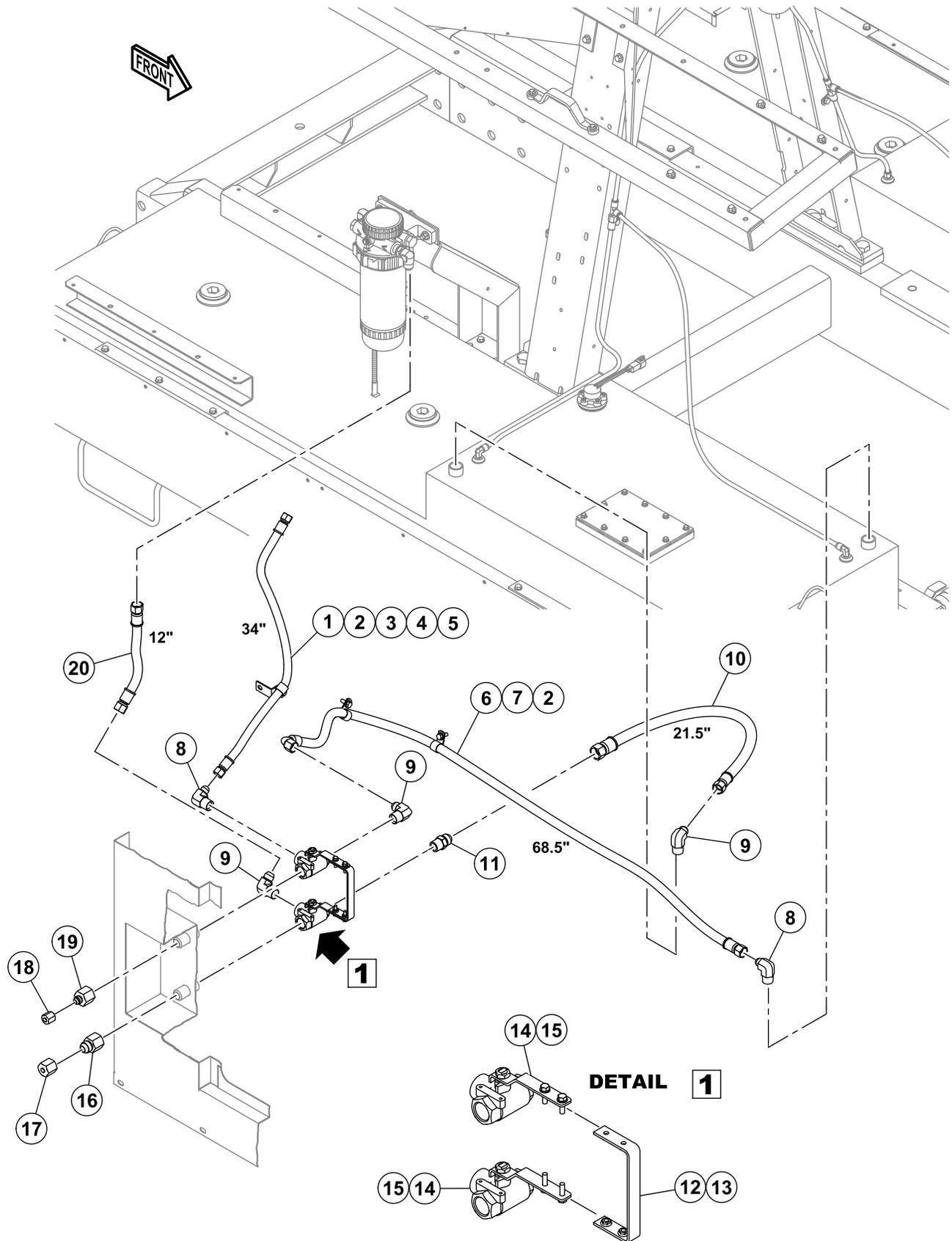


| ITEM | PART NO. | DESCRIPTION                     | QTY | NOTES              |
|------|----------|---------------------------------|-----|--------------------|
| 1    | 35356484 | TUBING, SYNDFLEX                | 222 | MEASURED IN INCHES |
| 2    | 35369347 | CONNECTOR                       | 1   |                    |
| 3    | 35322395 | SILENCER, PNEUMATIC             | 2   |                    |
| 4    | 46591539 | FILTER, FUEL TANK VENT 5 MICRON | 1   |                    |
| 5    | 36881886 | NUT, HEX FLANGE                 | 2   |                    |
| 6    | 95934998 | WASHER, FLAT                    | 2   |                    |
| 7    | 35271162 | SCREW, HEX                      | 2   |                    |
| 8    | 35369354 | ELBOW, 90°                      | 4   |                    |
| 9    | 35369503 | TEE, STREET                     | 2   |                    |
| 10   | 35369339 | CONNECTOR                       | 2   |                    |
| 11   | 35222538 | CLAMP, SUPPORT                  | 2   |                    |
| 12   | 35279025 | SCREW, TAPPING                  | 2   |                    |
| 13   | 35369347 | CONNECTOR                       | 1   |                    |



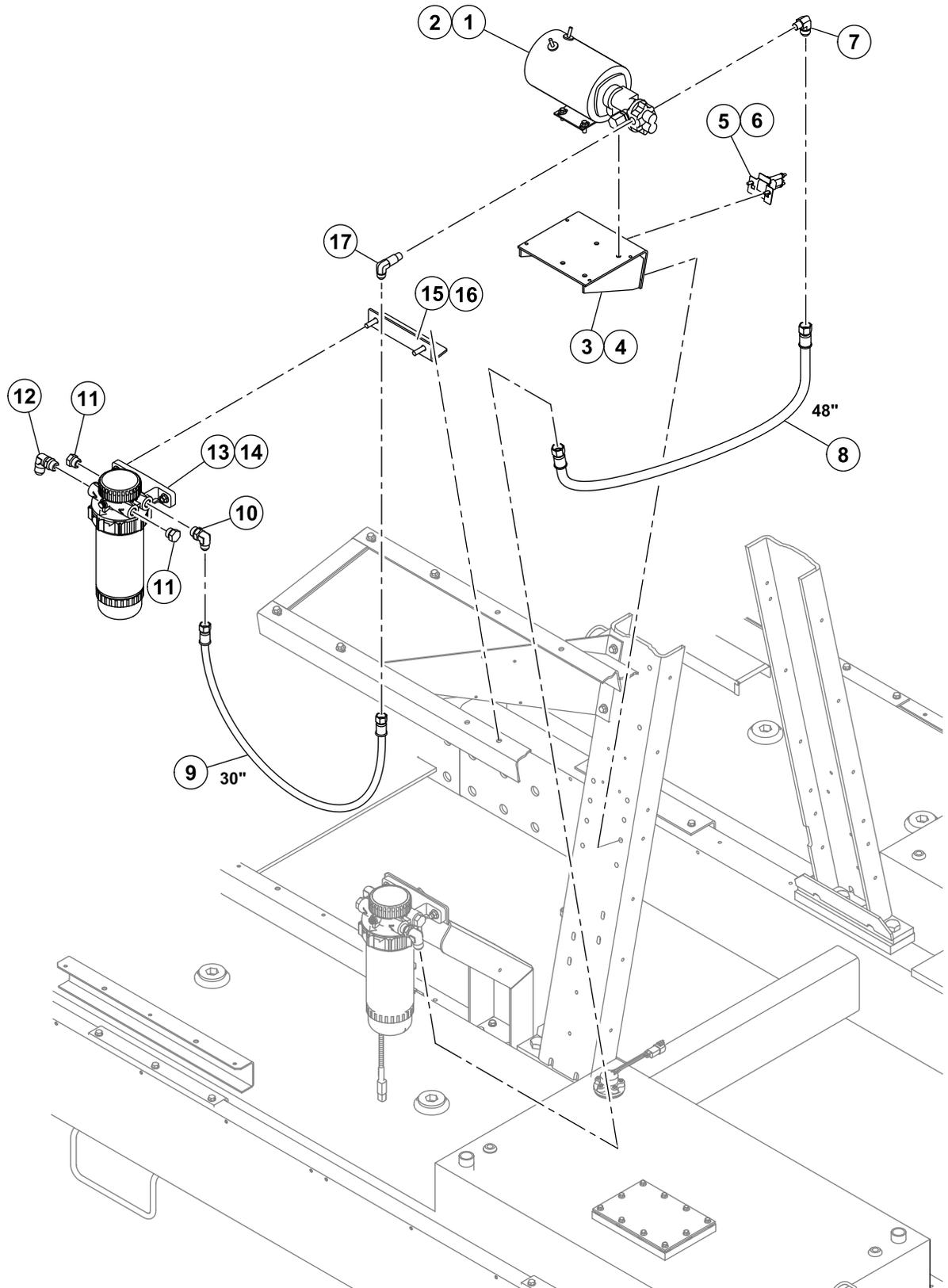
| ITEM | PART NO. | DESCRIPTION                            | QTY | NOTES              |
|------|----------|--|-----|--------------------|
| 1    | 46628021 | ELBOW, 90°                             | 1   |                    |
| 2    | 35287028 | PLUG, O-RING                           | 2   |                    |
| 3    | 46578119 | FILTER, FUEL/WATER SEPARATOR 7 MICRON  | 1   |                    |
| 4    | 36879195 | NUT, HEX                               | 2   |                    |
| 5    | 96704309 | SCREW, HEX                             | 2   |                    |
| 6    | 35283522 | HOSE                                   | 77  | MEASURED IN INCHES |
| 7    | 35291285 | CLAMP, SUPPORT                         | 2   |                    |
| 8    | 35279025 | SCREW, HEX                             | 6   |                    |
| 9    | 35287044 | ELBOW, 90° 3/4" NPT X -8 JIC           | 1   |                    |
| 10   | 95279394 | ELBOW, 90°                             | 1   |                    |
| 11   | 46586779 | BRACKET, 7 MICRON FUEL/WATER SEPARATOR | 1   |                    |
| 12   | 22141550 | HOSE                                   | 27  | MEASURED IN INCHES |
| 13   | 96746078 | ELBOW, W/O-RING, 90°                   | 1   |                    |
| 14   | 46580979 | HOSE                                   | 38  | MEASURED IN INCHES |
| 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



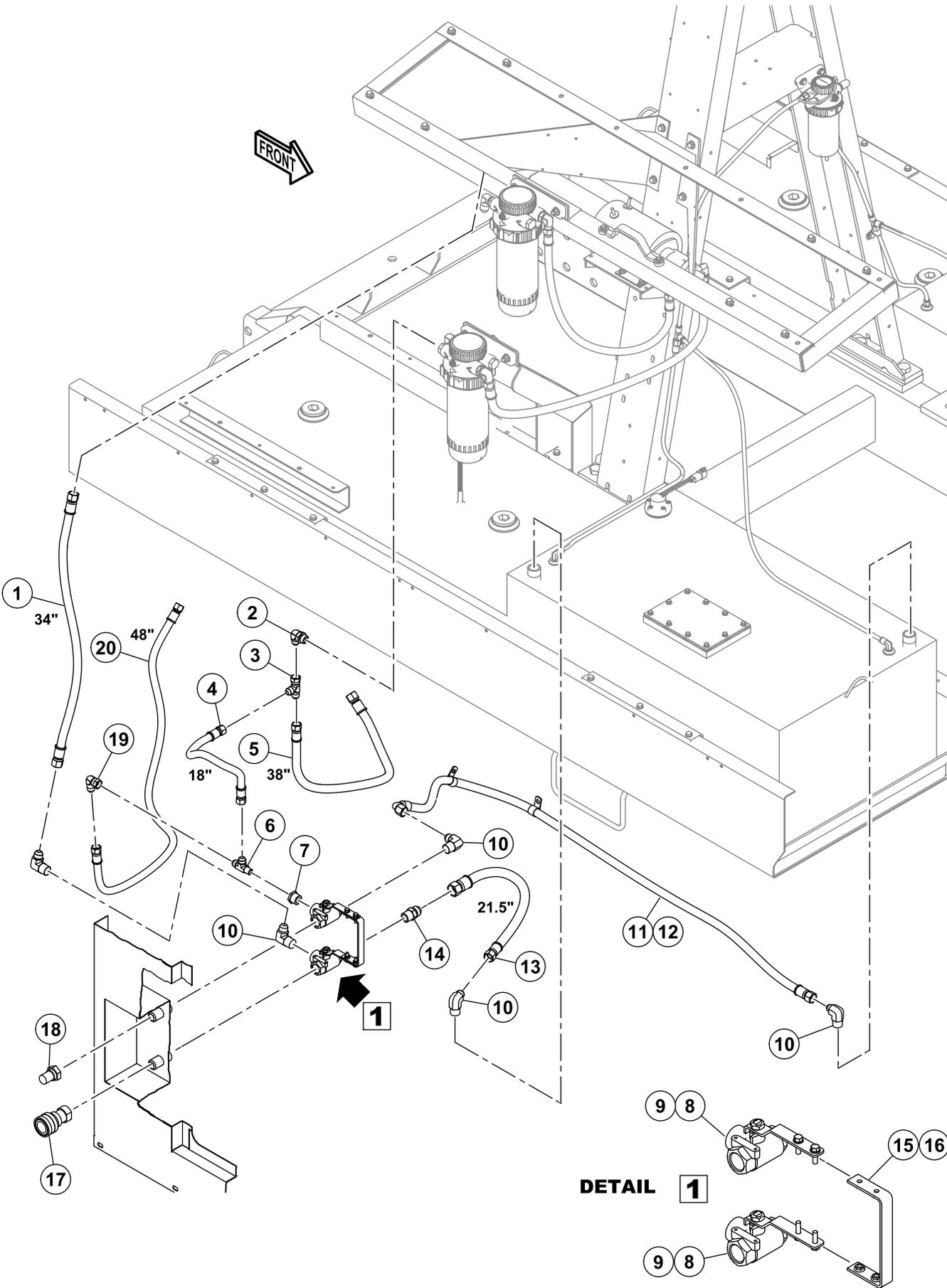
| ITEM | PART NO. | DESCRIPTION        | QTY | NOTES              |
|------|----------|--------------------|-----|--------------------|
| 1    | 35295179 | HOSE               | 34  | MEASURED IN INCHES |
| 2    | 35291285 | CLAMP, HOSE        | 3   |                    |
| 3    | 96702824 | SCREW, HEX HEAD    | 1   |                    |
| 4    | 96735543 | NUT, HEX           | 1   |                    |
| 5    | 35127224 | BRACKET, SUPPORT   | 1   |                    |
| 6    | 46627142 | HOSE, 90° ELBOW    | 1   |                    |
| 7    | 35279025 | SCREW, HEX HEAD    | 2   |                    |
| 8    | 35287044 | ELBOW, 90°         | 2   |                    |
| 9    | 95279394 | ELBOW, 90°         | 3   |                    |
| 10   | 46652867 | HOSE               | 1   |                    |
| 11   | 95219747 | CONNECTOR          | 1   |                    |
| 12   | 22330880 | LEVER, 3-WAY VALVE | 1   |                    |
| 13   | 36898104 | NUT, HEX FLANGE    | 4   |                    |
| 14   | 54726575 | VALVE, 3-WAY       | 2   |                    |
| 15   | 36898096 | SCREW, HEX FLANGE  | 4   |                    |
| 16   | 95293320 | CONNECTOR          | 1   |                    |
| 17   | 35369214 | CAP, -12 JIC       | 1   |                    |
| 18   | 35313428 | CAP, -8 JIC        | 1   |                    |
| 19   | 46606119 | CONNECTOR, FEMALE  | 1   |                    |
| 20   | 35287010 | HOSE               | 12  | MEASURED IN INCHES |

# FUEL SYSTEM, WAGON, REMOTE FUEL WITH ELECTRIC FUEL PUMP



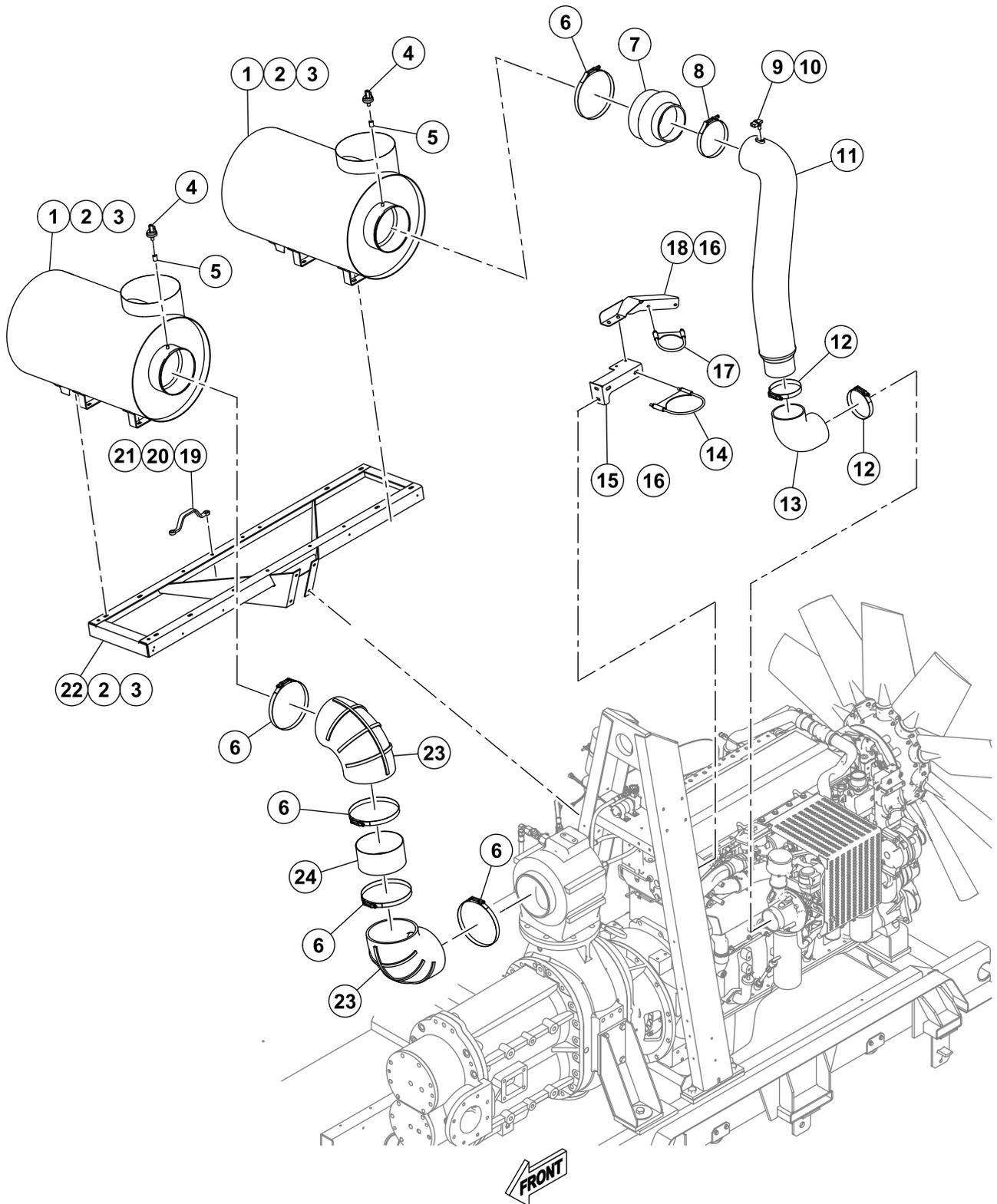
| ITEM | PART NO.   | DESCRIPTION                             | QTY | NOTES              |
|------|------------|---|-----|--------------------|
| 1    | 46595339   | FUEL PUMP ASSEMBLY                      | 1   |                    |
| 2    | 96704408   | SCREW, HEX FLANGE                       | 4   |                    |
| 3    | 23116270   | BRACKET, FUEL PUMP MOUNTING             | 1   |                    |
| 4    | 36881886   | NUT, HEX                                | 4   |                    |
| 5    | 36853521   | RELAY, 100A 24V                         | 1   |                    |
| 6    | 92368687   | SCREW, TAPPING                          | 2   |                    |
| 7    | 35286525   | ELBOW, 90°                              | 1   |                    |
| 8    | 35121847   | HOSE                                    | 48  | MEASURED IN INCHES |
| 9    | 35298512   | HOSE                                    | 30  | MEASURED IN INCHES |
| 10   | 35286442   | ELBOW, 90°                              |     |                    |
| 11   | 35287028   | PLUG, HEX, W/O-RING                     | 2   |                    |
| 12   | 96746078   | ELBOW, 90°                              | 1   |                    |
| 13   | 46491601   | FILTER, FUEL/WATER SEPARATOR            | 1   |                    |
| 14   | 36879195   | NUT, HEX FLANGE                         | 2   |                    |
| 15   | 46578199SB | BRACKET, FUEL/WATER SEPARATOR<br>FILTER | 1   |                    |
| 16   | 96704309   | SCREW, HEX                              | 2   |                    |
| 17   | 46597139   | ELBOW, 90°                              | 1   |                    |

# FUEL SYSTEM, WAGON, REMOTE FUEL WITH PUMP, FUEL LINES



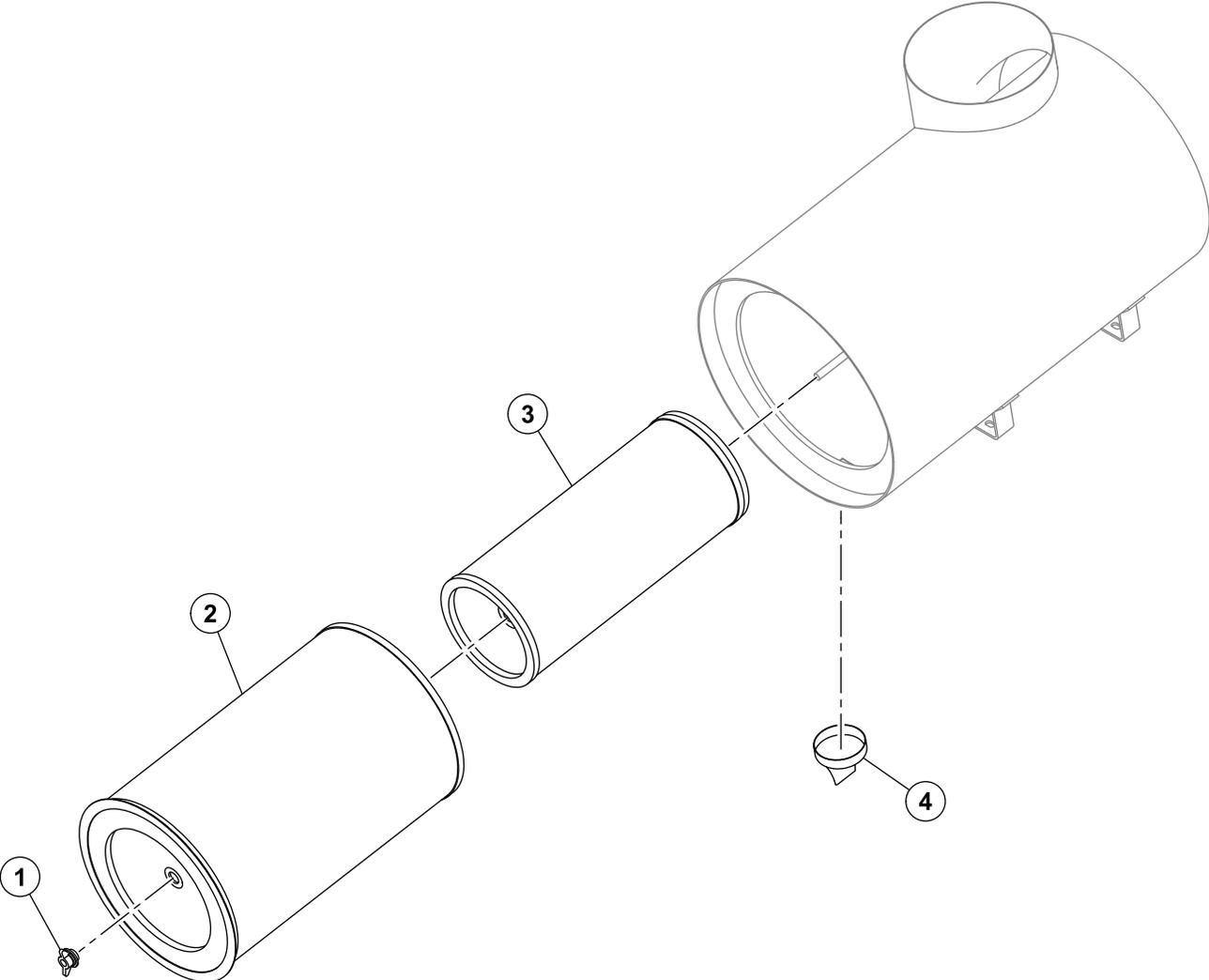
| ITEM | PART NO. | DESCRIPTION                        | QTY  | NOTES              |
|------|----------|------------------------------------|------|--------------------|
| 1    | 35325083 | HOSE                               | 34   | MEASURED IN INCHES |
| 2    | 35286442 | ELBOW, 90°                         | 2    |                    |
| 3    | 35287929 | TEE                                | 1    |                    |
| 4    | 35287952 | HOSE                               | 18   | MEASURED IN INCHES |
| 5    | 46580979 | HOSE                               | 38   | MEASURED IN INCHES |
| 6    | 35315977 | TEE                                | 1    |                    |
| 7    | 95953956 | BUSHING, HEX REDUCER               | 1    |                    |
| 8    | 54726575 | VALVE, 3-WAYT                      | 2    |                    |
| 9    | 36898096 | SCREW, HEX FLANGE                  | 4    |                    |
| 10   | 95279394 | ELBOW, 90°                         | 3    |                    |
| 11   | 46627142 | HOSE, 90° ELBOW                    | 1    |                    |
| 12   | 35291285 | CLAMP, SUPPORT                     | 2    |                    |
| 13   | 46652867 | HOSE                               | 21.5 | MEASURED IN INCHES |
| 14   | 95219747 | CONNECTOR                          | 1    |                    |
| 15   | 22330880 | LEVER, 3-WAY VALVE                 | 1    |                    |
| 16   | 36898104 | NUT, HEX FLANGE                    | 4    |                    |
| 17   | 54489109 | COUPLER, 3/4" QUICK CONNECT FEMALE | 1    |                    |
| 18   | 54489125 | COUPLER, 3/4" QUICK CONNECT MALE   | 1    |                    |
| 19   | 35287911 | ELBOW, 90°, FEMALE                 | 1    |                    |
| 20   | 35307719 | HOSE                               | 48   | MEASURED IN INCHES |

# AIR INTAKE, ENGINE



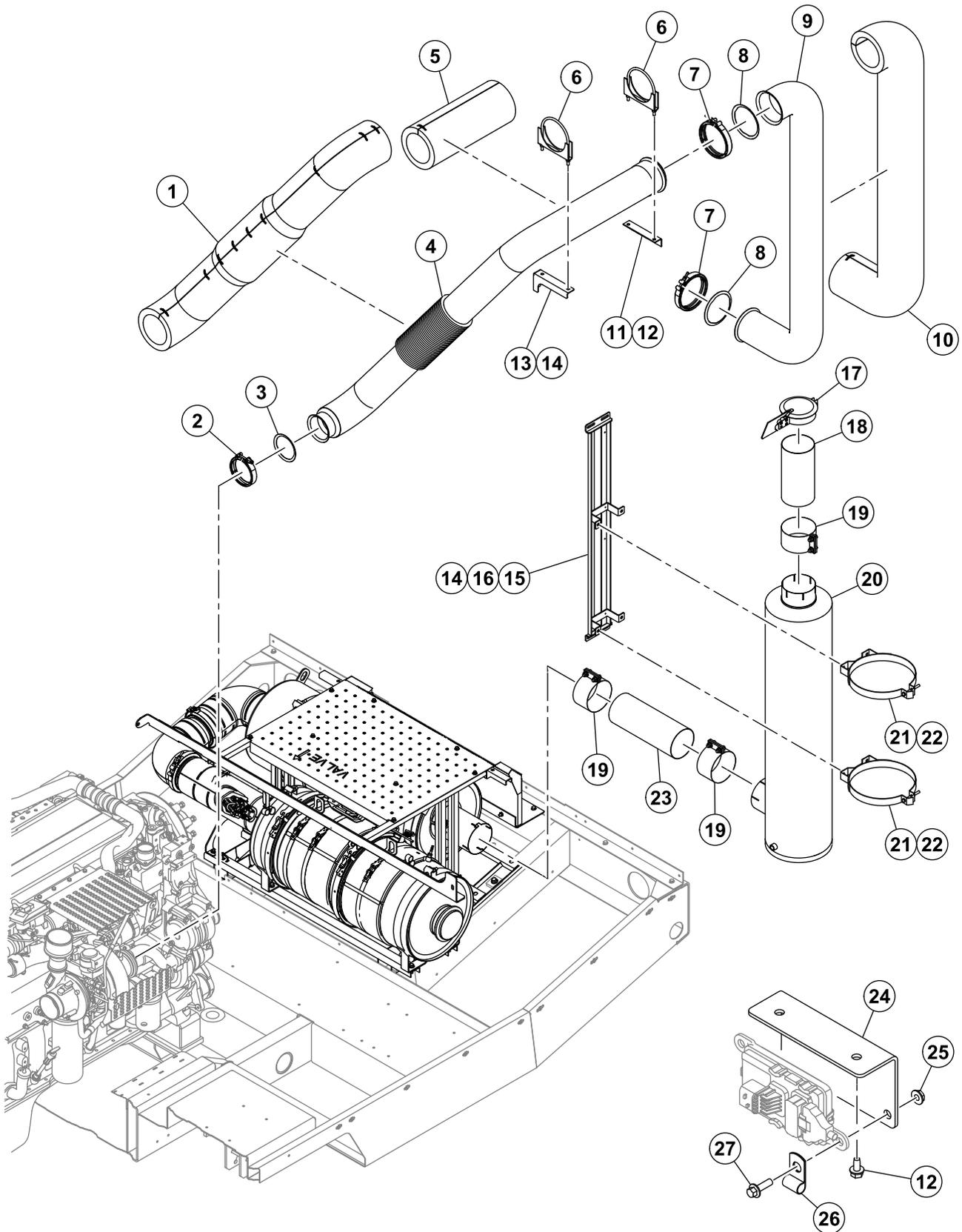
| ITEM | PART NO.   | DESCRIPTION                 | QTY | NOTES |
|------|------------|-----------------------------|-----|-------|
| 1    | 36864346   | AIR CLEANER, ASSEMBLY       | 2   |       |
| 2    | 36880995   | SCREW, HEX HEAD FLANGE      | 12  |       |
| 3    | 36879195   | NUT, HEX FLANGE             | 12  |       |
| 4    | 36847838   | SWITCH, VACUUM              | 2   |       |
| 5    | 95935599   | COUPLING                    | 2   |       |
| 6    | 35129071   | CLAMP, T-BOLT               | 5   |       |
| 7    | 46556495   | REDUCER, HOSE               | 1   |       |
| 8    | 35123496   | CLAMP, T-BOLT               | 1   |       |
| 9    | 46566779   | SENSOR, TBAP CUMMINS        | 1   |       |
| 10   | 95942553   | SCREW, PANHEAD PHILLIPS     | 1   |       |
| 11   | 46646979   | TUBE, AIR INTAKE ENGINE     | 1   |       |
| 12   | 35161025   | CLAMP, T-BOLT               | 2   |       |
| 13   | 35135300   | ELBOW, RUBBER, 90°          | 1   |       |
| 14   | 36896579   | CLAMP, SADDLE               | 1   |       |
| 15   | 46650395SB | BRACKET, PIPE AIR INTAKE    | 1   |       |
| 16   | 35279025   | SCREW, TAPPING              | 4   |       |
| 17   | 35111731   | CLAMP, SADDLE               | 1   |       |
| 18   | 46580700SB | BRACKET, PIPE CAC           | 1   |       |
| 19   | 35130707   | HAND HOLD                   | 1   |       |
| 20   | 36889608   | SCREW, HEX FLANGE           | 2   |       |
| 21   | 36881886   | NUT, HEX FLANGE             | 2   |       |
| 22   | 46557256SB | BRACKET, AIR CLEANER        | 1   |       |
| 23   | 36862886   | ELBOW, RUBBER, 90°          | 2   |       |
| 24   | 35300110   | TUBE, CONNECTOR, ENGINE AIR | 1   |       |

# AIR INTAKE, AIR CLEANER ASSEMBLY



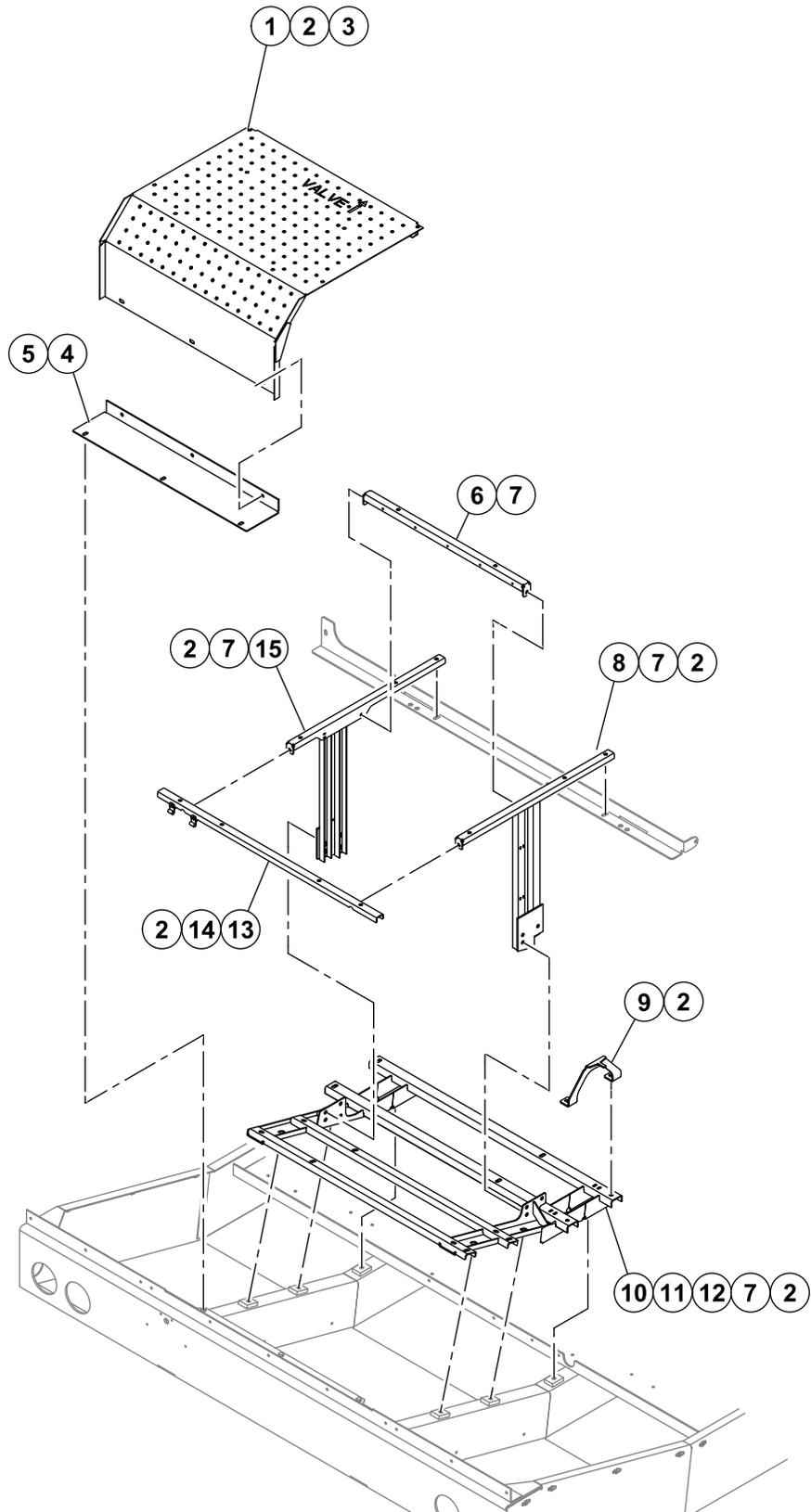
| ITEM | PART NO. | DESCRIPTION      | QTY | NOTES |
|------|----------|------------------|-----|-------|
| 1    | 35388982 | NUT, WING        | 1   |       |
| 2    | 36864361 | ELEMENT, PRIMARY | 1   |       |
| 3    | 36864379 | ELEMENT, SAFETY  | 1   |       |
| 4    | 36867778 | VALVE, EVACUATOR | 1   |       |

# EXHAUST SYSTEM, MUFFLER AND PIPING



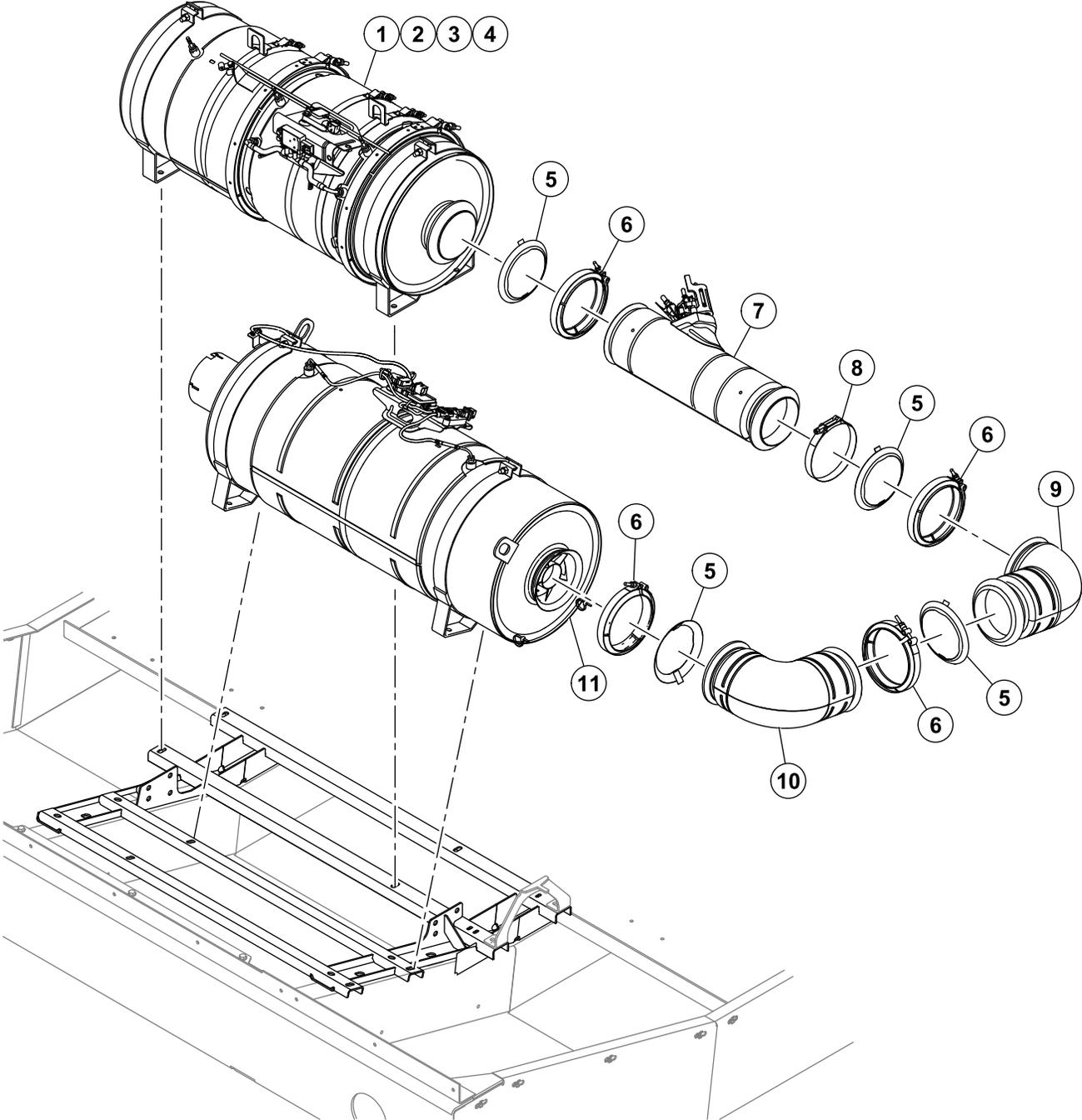
| ITEM | PART NO.   | DESCRIPTION  | QTY | NOTES        |
|------|------------|--|-----|--------------|
| 1    | 46651469   | INSULATION, EXHAUST, TURBO OUT                       | 1   |              |
| 2    | 35602796   | CLAMP, V-BAND 4"                                     | 1   |              |
| 3    | 46555680   | GASKET, EXHAUST, 4"                                  | 1   |              |
| 4    | 46651143   | TUBE, EXHAUST, TURBO OUTLET                          | 1   |              |
| 5    | 46584919   | INSULATION, EXHAUST, TURBO OUT<br>COOLER SIDE        | 1   |              |
| 6    | 35127653   | CLAMP, MUFFLER, 5"                                   | 2   |              |
| 7    | 46557245   | CLAMP, MARMON, 70°                                   | 2   |              |
| 8    | 46557244   | GASKET, EXHAUST, 5"                                  | 2   |              |
| 9    | 46651144   | TUBE, EXHAUST DIESEL, PARTICULATE<br>FILTER IN       | 1   |              |
| 10   | 46651528   | INSULATION, EXHAUST DIESEL,<br>PARTICULATE FILTER IN | 1   |              |
| 11   | 35611235SB | BRACKET, TAILPIPE SPRT                               | 1   |              |
| 12   | 36797652   | SCREW, TAPPING                                       | 4   |              |
| 13   | 46581099SB | BRACKET, EXHAUST SUPPORT                             | 1   |              |
| 14   | 36889608   | SCREW, HEX FLANGE                                    | 4   |              |
| 15   | 46652058SB | SUPPORT, MUFFLER, VERTICAL                           | 1   |              |
| 16   | 92368687   | SCREW, TAPPING                                       | 6   |              |
| 17   | 35857036   | CAP, RAIN, 5"  | 1   |              |
| 18   | 46651132   | TUBE, EXHAUST  | 1   | TANDEM FRAME |
|      | 46651719   | TUBE, EXHAUST  | 1   | WAGON FRAME  |
| 19   | 35307131   | CLAMP, 5", TUBE SEAL                                 | 3   |              |
| 20   | 46664105   | MUFFLER, EXHAUST 5", INLET/OUTLET                    | 1   |              |
| 21   | 46612740   | CLAMP, MUFFLER                                       | 2   |              |
| 22   | 36881886   | NUT, HEX FLANGE                                      | 4   |              |
| 23   | 46651131   | TUBE, EXHAUST, 5"                                    | 1   |              |
| 24   | 46663048SB | BRACKET, NOX SENSOR                                  | 1   |              |
| 25   | 36898104   | NUT, HEX   | 2   |              |
| 26   | 35253038   | CLAMP, SUPPORT                                       | 3   | 2 NOT SHOWN  |
| 27   | 36898096   | SCREW, HEX FLANGE                                    | 2   |              |

# EXHAUST SYSTEM, AFTERTREATMENT SUPPORT



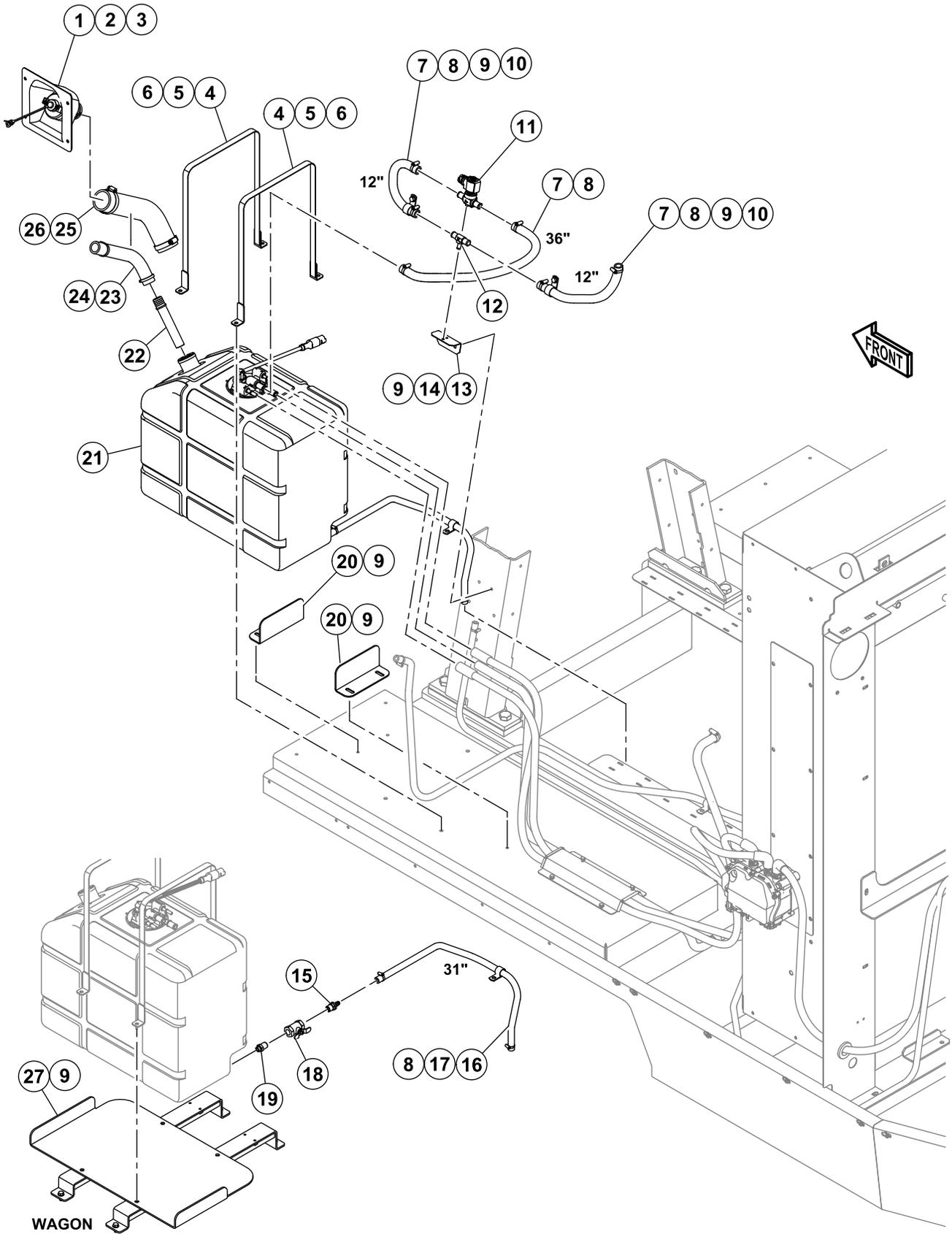
| ITEM | PART NO.   | DESCRIPTION                    | QTY | NOTES        |
|------|------------|--------------------------------|-----|--------------|
| 1    | 46649259GA | STEP, REAR EXHAUST PLENUM      | 1   |              |
| 2    | 36889608   | SCREW, HEX                     | 21  |              |
| 3    | 96704408   | SCREW, FLANGE                  | 3   |              |
| 4    | 46651130SA | ANGLE, DPF GUARD, HSRG         | 1   | TANDEM FRAME |
|      | 46651709SA | ANGLE, DPF GUARD, STRG         | 1   | WAGON FRAME  |
| 5    | 35279025   | SCREW, TAPPING                 | 3   |              |
| 6    | 46651028SB | SUPPORT, REAR STEP, CROSS      | 1   |              |
| 7    | 46651840   | TIE, CABLE                     | 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                 | 7   |              |
| 12   | 36888055   | SCREW, LOCKING                 | 6   |              |
| 13   | 46651029SB | SUPPORT, VERTICAL BAFFLE       | 1   |              |
| 14   | 35253038   | CLAMP, SUPPORT                 | 2   |              |
| 15   | 46651027SB | SUPPORT, REAR STEP, STREETSIDE | 1   |              |

# EXHAUST SYSTEM, AFTERTREATMENT AND PIPING



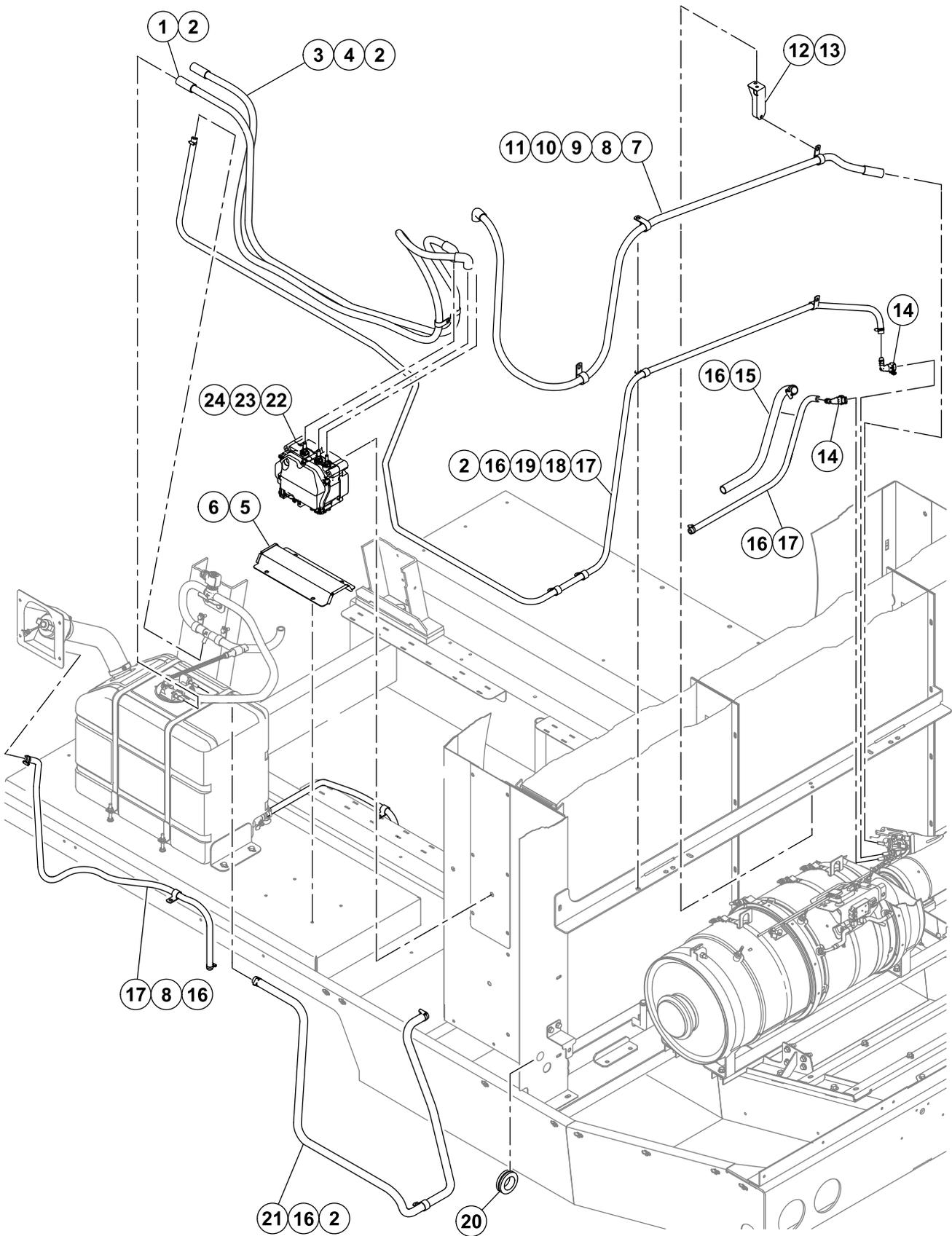
| ITEM | PART NO. | DESCRIPTION                             | QTY | NOTES |
|------|----------|---|-----|-------|
| 1    | 46645420 | AFTERTREATMENT, DPF EI - EO, QSX15, T4F | 1   |       |
| 2    | 35863638 | CLAMP, 14"                              | 4   |       |
| 3    | 36880995 | SCREW, LOCKING                          | 8   |       |
| 4    | 36879195 | NUT, FLANGE                             | 8   |       |
| 5    | 46605128 | GASKET, EXHAUST, 5"                     | 4   |       |
| 6    | 46605126 | CLAMP, EXHAUST, 5"                      | 4   |       |
| 7    | 46643140 | TUBE, DECOMPOSITION REACTOR, QSX15, T4F | 1   |       |
| 8    | 35116615 | CLAMP, T-BOLT                           | 1   |       |
| 9    | 46640861 | ELBOW, EXHAUST, 5"                      | 1   |       |
| 10   | 46651973 | ELBOW, EXHAUST, 90°                     | 1   |       |
| 11   | 46645419 | AFTERTREATMENT, SCR EI - EO, QSX15, T4F | 1   |       |

# DEF SYSTEM, TANK



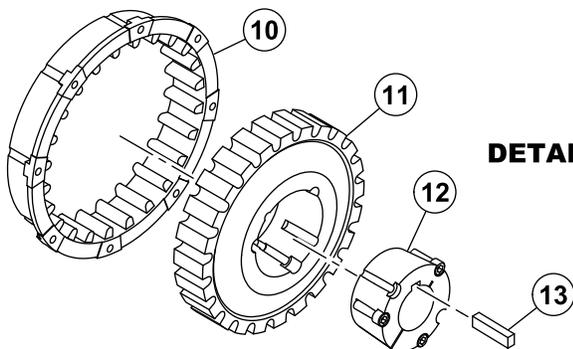
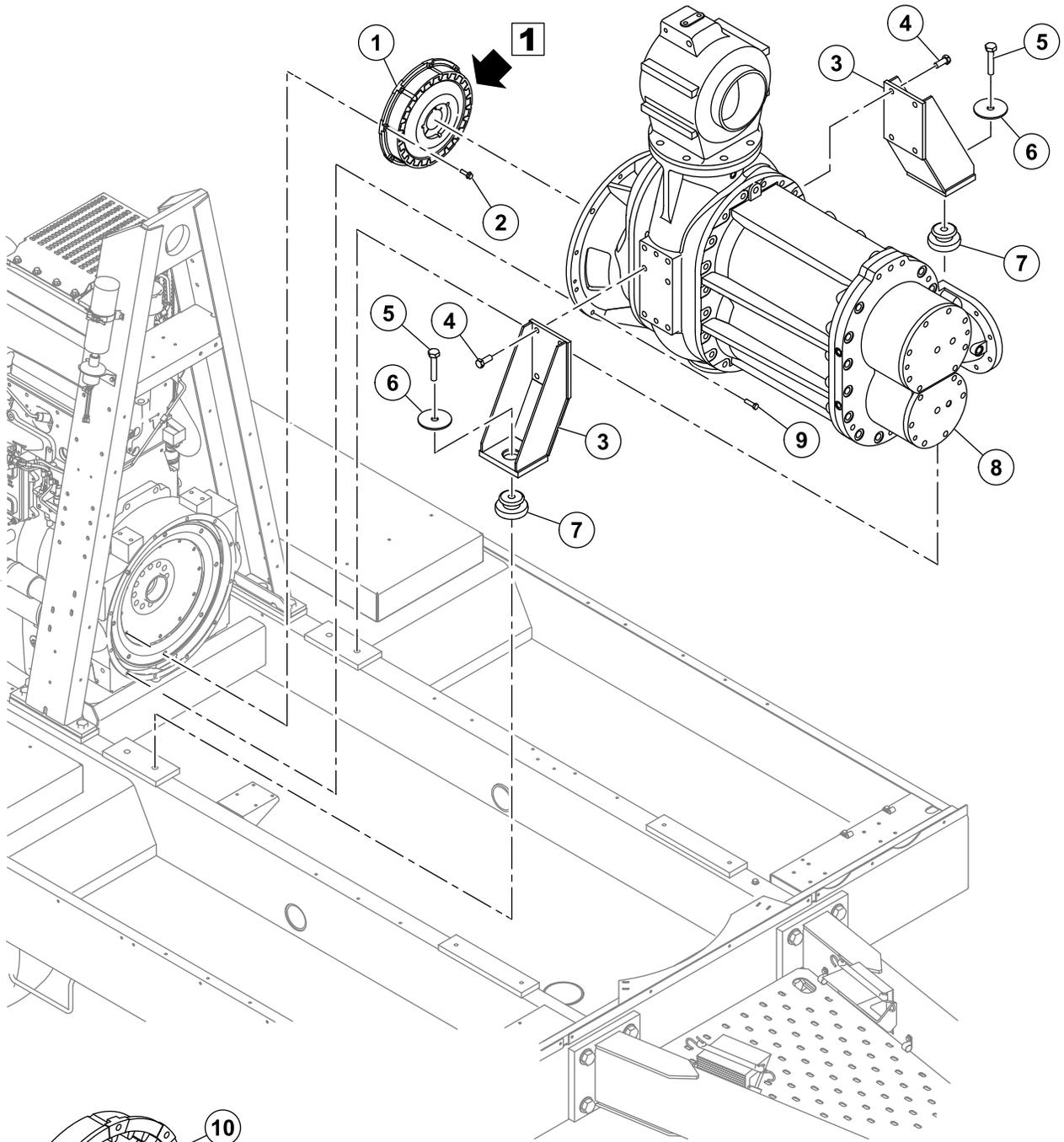
| ITEM | PART NO.   | DESCRIPTION                                   | QTY | NOTES              |
|------|------------|---|-----|--------------------|
| 1    | 46651126   | PAN, EXTERNAL DEF FILL SPILL                  | 1   |                    |
| 2    | 46651331   | CAP, EXTERNAL DEF FILL                        | 1   |                    |
| 3    | 36797652   | SCREW, TAPPING                                | 4   |                    |
| 4    | 46650882SB | STRAP, DEF TANK, MOUNTING                     | 2   |                    |
| 5    | 36881886   | NUT, FLANGE                                   | 8   |                    |
| 6    | 36786382   | SCREW, HEX                                    | 4   |                    |
| 7    | 46652351   | HOSE, SILICONE, COOLANT                       | 60  | MEASURED IN INCHES |
| 8    | 46641379   | CLAMP, HOSE                                   | 8   |                    |
| 9    | 35279025   | SCREW, TAPPING                                | 6   |                    |
| 10   | 35114081   | CLAMP, SUPPORT                                | 2   |                    |
| 11   | 46641521   | VALVE, COOLANT CONTROL, 24V, 5/8"<br>HOSE     | 1   |                    |
| 12   | 46650022   | TEE, HOSE                                     | 1   |                    |
| 13   | 46627819   | BRACKET, COOLANT CONTROL VALVE                | 1   |                    |
| 14   | 46641490   | SCREW, HEX                                    | 2   |                    |
| 15   | 46651939   | CONNECTOR, HOSE, PUSH LOCK                    | 1   |                    |
| 16   | 46652350   | HOSE, SILICONE, COOLANT                       | 31  | MEASURED IN INCHES |
| 17   | 35291285   | CLAMP, SUPPORT                                | 1   |                    |
| 18   | 46651178   | VALVE, BALL, 3/8" NPT                         | 1   |                    |
| 19   | 46651413   | ADAPTER, 3/8" NPTF                            | 1   |                    |
| 20   | 46651738SB | ANGLE, DEF TANK SUPPORT, TANDEM               | 2   | TANDEM FRAME ONLY  |
| 21   | 46651125   | TANK ASSEMBLY, DEF 15 GALLON<br>EXTERNAL FILL | 1   |                    |
|      | 46651329   | TANK, DEF 15 GALLON 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                                  | 2   |                    |
| 25   | 46651335   | HOSE, DEF TANK, VENT                          | 1   |                    |
| 26   | 35221639   | CLAMP   | 2   |                    |
| 27   | 46651992SB | SUPPORT, DEF TANK, WAGON                      | 1   | WAGON FRAME ONLY   |

# DEF SYSTEM, PIPING



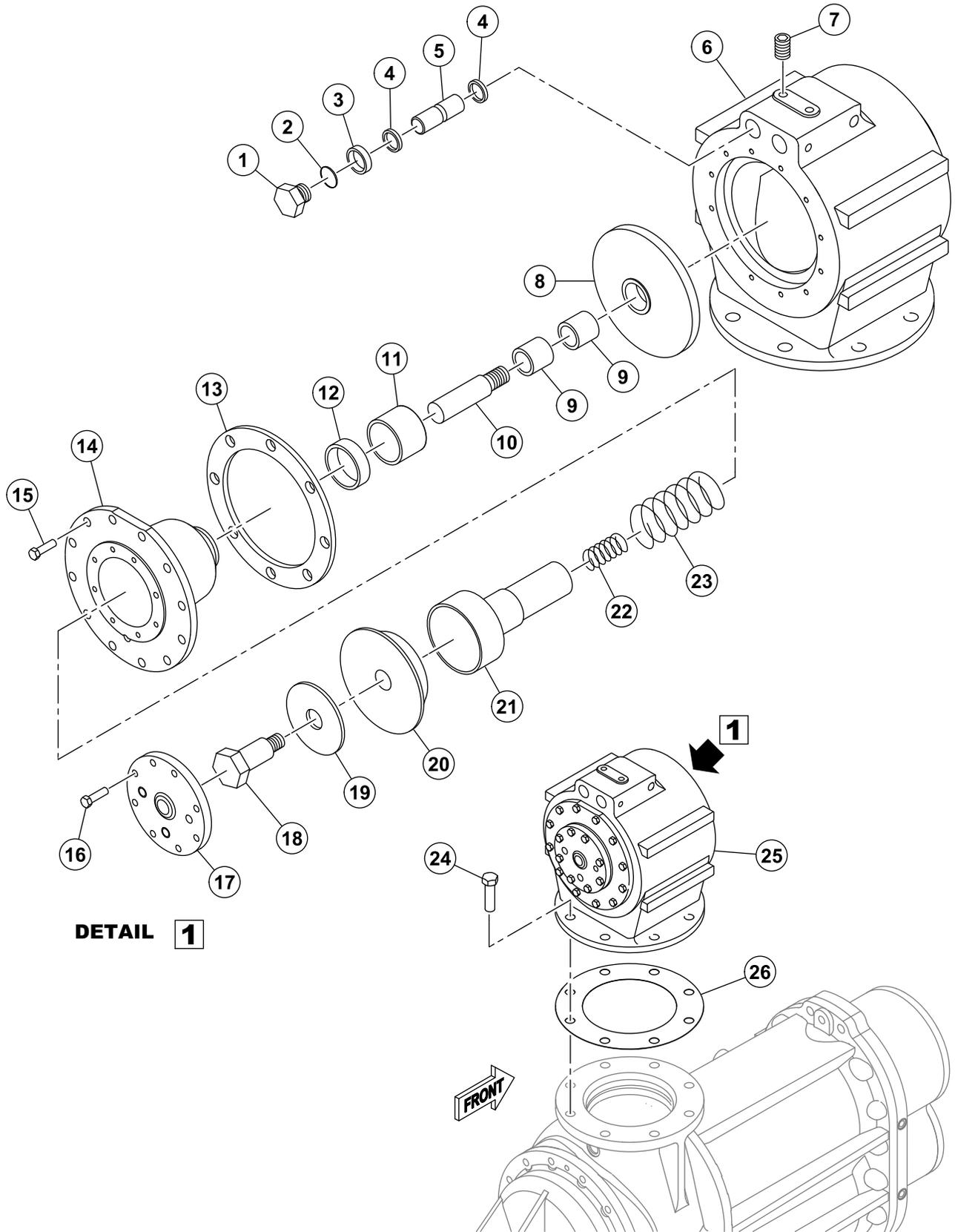
| ITEM | PART NO.   | DESCRIPTION                        | QTY | NOTES              |
|------|------------|------------------------------------|-----|--------------------|
| 1    | 46651370   | HOSE, 90°, ASSEMBLY                | 1   |                    |
| 2    | 35114081   | CLAMP, RUBBER COATED, SUPPORT      | 5   |                    |
| 3    | 46651371   | HOSE, 90°, ASSEMBLY                | 1   |                    |
| 4    | 35144336   | SCREW, HEX, FLANGE                 | 1   |                    |
| 5    | 46651716SB | COVER, DEF HOSES                   | 1   | TANDEM FRAME ONLY  |
| 6    | 36797652   | SCREW, TAPPING                     | 4   | TANDEM FRAME ONLY  |
| 7    | 46652547   | HOSE, 90°, ASSEMBLY                | 1   |                    |
| 8    | 32591285   | CLAMP, RUBBER COATED SUPPORT       | 4   |                    |
| 9    | 36889608   | SCREW, HEX FLANGE, M08 - 1.25 X 25 | 2   |                    |
| 10   | 36898096   | SCREW, HEX FLANGE                  | 1   |                    |
| 11   | 36898104   | NUT, HEX FLANGE                    | 1   |                    |
| 12   | 46651622SB | BRACKET, DEF HOSES                 | 1   |                    |
| 13   | 36898096   | SCREW, HEX, FLANGE                 | 2   |                    |
| 14   | 46649599   | ELBOW, 90°                         | 2   |                    |
| 15   | 46652354   | SLEEVING, THERMAL REFLECTIVE       | 26  | MEASURED IN INCHES |
| 16   | 46641379   | CLAMP, RUBBER COATED SUPPORT       | 10  |                    |
| 17   | 46652350   | HOSE, SILICONE COOLANT             | 174 | MEASURED IN INCHES |
| 18   | 35225085   | CLAMP, RUBBER COATED SUPPORT       | 2   |                    |
| 19   | 35279025   | SCREW, HEX, TAPPING                | 2   |                    |
| 20   | 46653409   | GROMMET, RUBBER                    | 1   |                    |
| 21   | 46652351   | HOSE, SILICONE COOLANT             | 86  | MEASURED IN INCHES |
| 22   | 46643141   | MODULE, DOSER FLUID SUPPLY         | 1   |                    |
| 23   | 96721154   | SCREW, HEX                         | 3   |                    |
| 24   | 46652904   | FILTER, DEF, PUMP                  | 1   |                    |

# AIREND, INSTALLATION



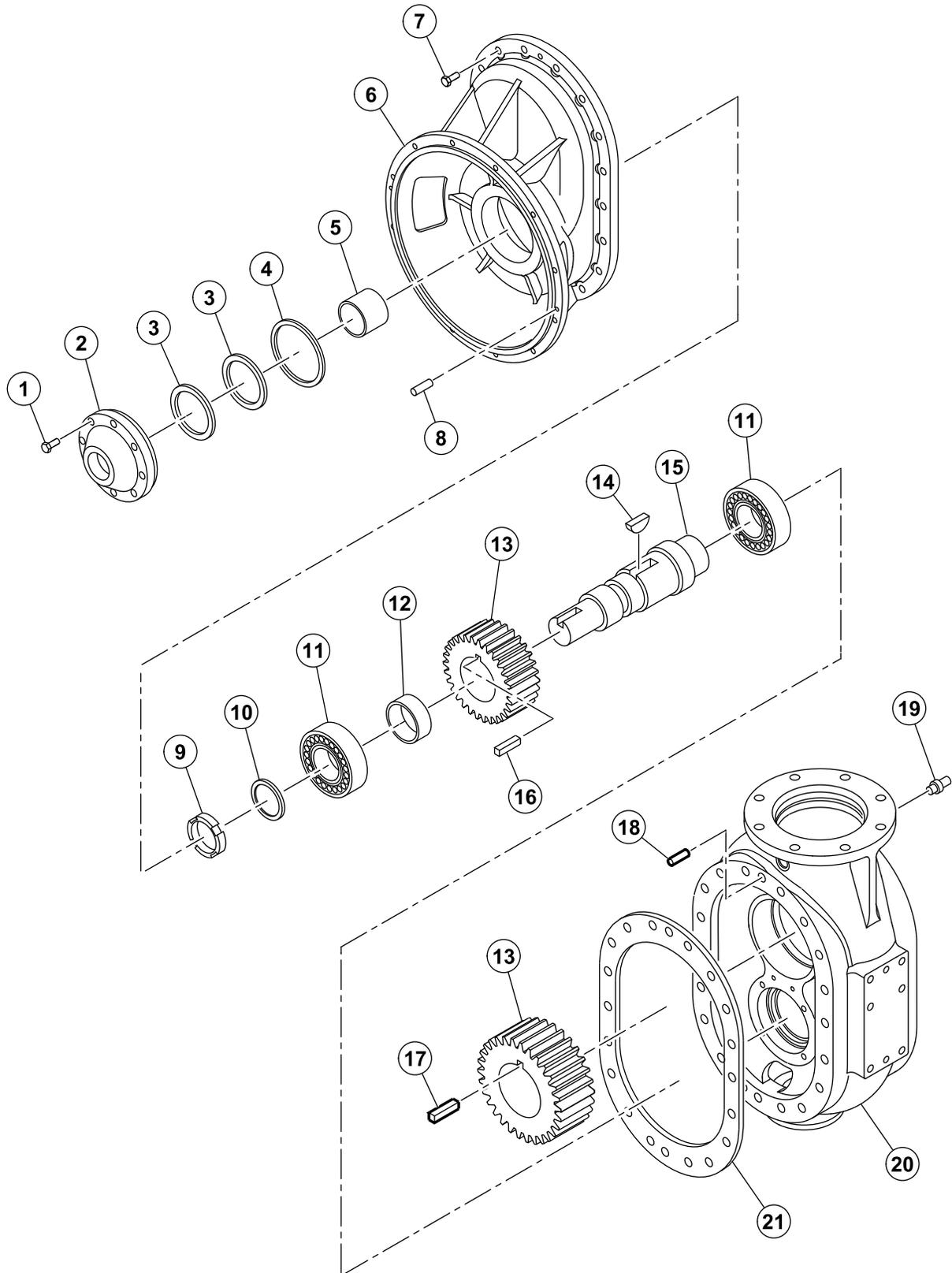
| ITEM | PART NO.   | DESCRIPTION              | QTY | NOTES |
|------|------------|--------------------------|-----|-------|
| 1    | 46589179   | DRIVE COUPLING, ASSEMBLY | 1   |       |
| 2    | 36881704   | SCREW, HEX               | 8   |       |
| 3    | 54542535SA | BRACKET, AIREND SUPPORT  | 2   |       |
| 4    | 35375385   | SCREW, HEX               | 8   |       |
| 5    | 96700919   | SCREW, HEX               | 2   |       |
| 6    | 35273937   | WASHER, SNUBBER          | 2   |       |
| 7    | 35584556   | MOUNT, CENTER BOND       | 2   |       |
| 8    | 35092014   | AIREND                   | 1   |       |
| 9    | 95934626   | SCREW, HEX               | 12  |       |
| 10   | 46554944   | DRIVE, RING              | 1   |       |
| 11   | 46578019   | ELEMENT, DRIVE COUPLING  | 1   |       |
| 12   | 46554947   | BUSHING, DRIVE COUPLING  | 1   |       |
| 13   | 35367069   | KEY, BUSHING             | 1   |       |

# AIREND, UNLOADER



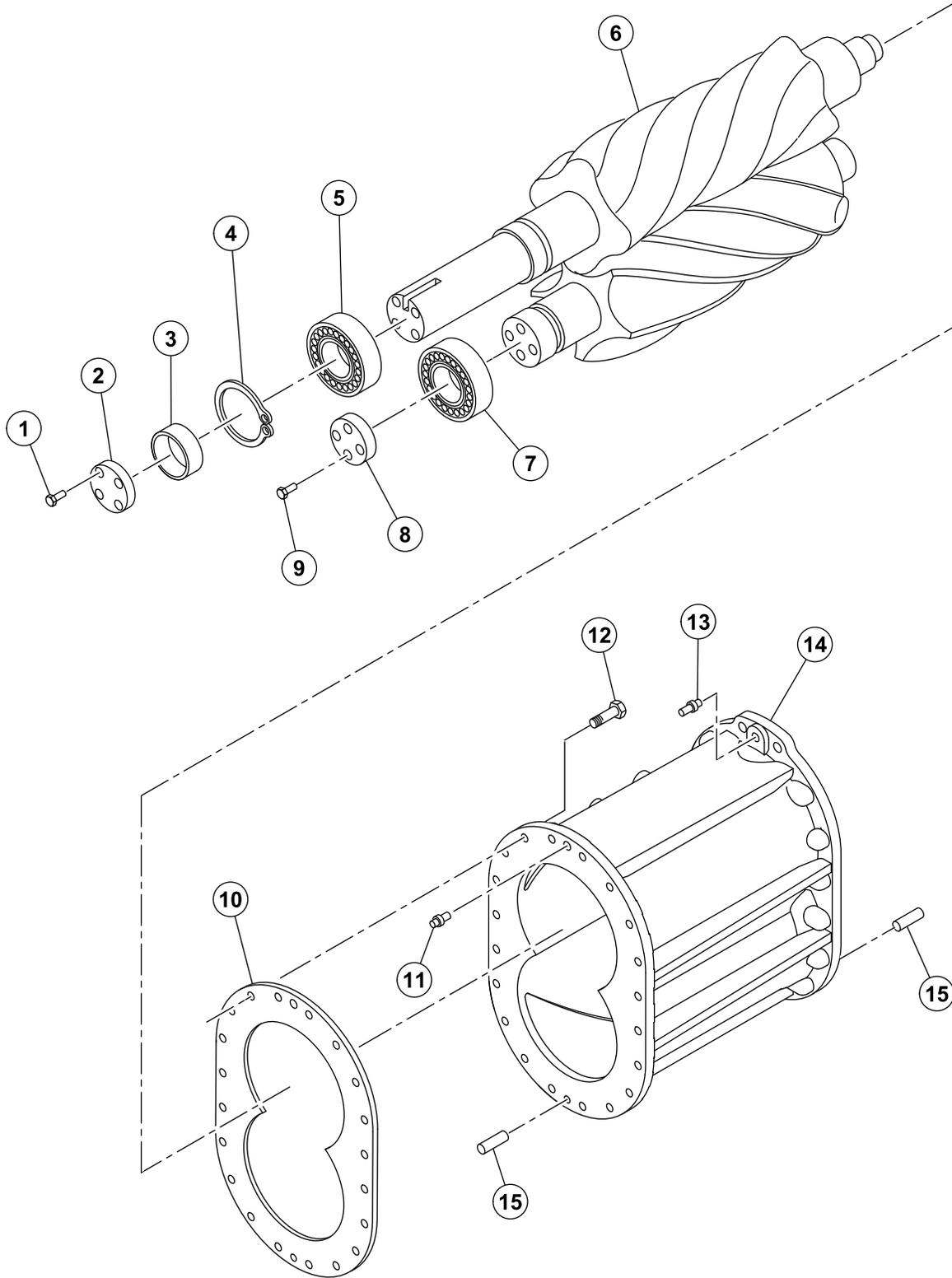
| ITEM | PART NO. | DESCRIPTION          | QTY | NOTES |
|------|----------|----------------------|-----|-------|
| 1    | 95928222 | PLUG                 | 2   |       |
| 2    | 39102355 | O-RING               | 2   |       |
| 3    | 35332626 | SPACER               | 2   |       |
| 4    | 35331586 | GROMMET              | 4   |       |
| 5    | 36897148 | VALVE, ANTI - RUMBLE | 2   |       |
| 6    | 36729416 | BODY, UNLOADER       | 1   |       |
| 7    | 95928222 | PLUG                 | 1   |       |
| 8    | 35594860 | VALVE, UNLOADER      | 1   |       |
| 9    | 35332659 | BUSHING              | 2   |       |
| 10   | 35332675 | STEM, VALVE          | 1   |       |
| 11   | 35332634 | BUSHING, HOUSING     | 1   |       |
| 12   | 35332642 | SEAL                 | 1   |       |
| 13   | 35594845 | GASKET               | 1   |       |
| 14   | 36729465 | HOUSING, PISTON      | 1   |       |
| 15   | 96702287 | SCREW, HEX           | 12  |       |
| 16   | 96702659 | SCREW, HEX           | 8   |       |
| 17   | 35594811 | COVER, PISTON        | 1   |       |
| 18   | 95104147 | SCREW, HEX           | 1   |       |
| 19   | 35332618 | WASHER, PISTON       | 1   |       |
| 20   | 35594837 | DIAPHRAGM            | 1   |       |
| 21   | 35594829 | PISTON               | 1   |       |
| 22   | 35594910 | SPRING, VALVE        | 1   |       |
| 23   | 35594878 | SPRING, PISTON       | 1   |       |
| 24   | 95934626 | SCREW, HEX           | 8   |       |
| 25   | 36729531 | UNLOADER, ASSEMBLY   | 1   |       |
| 26   | 36754059 | GASKET, UNLOADER     | 1   |       |

# AIREND GEAR CASE



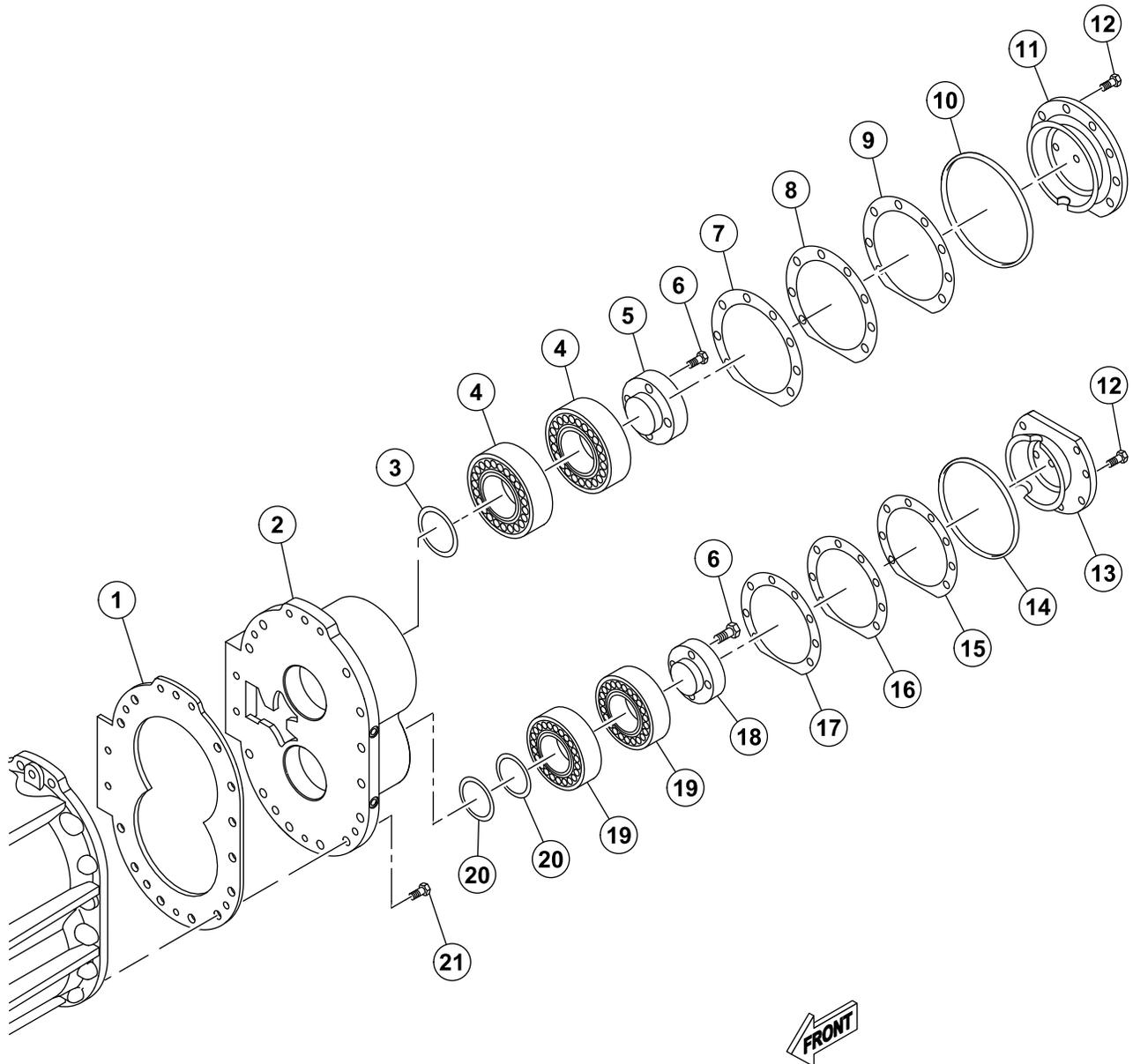
| ITEM | PART NO. | DESCRIPTION            | QTY | NOTES |
|------|----------|------------------------|-----|-------|
| 1    | 96706080 | SCREW, HEX             | 8   |       |
| 2    | 35849348 | COVER                  | 1   |       |
| 3    | 39927512 | SHIM                   | 1   |       |
|      | 39927520 | SHIM                   | 1   |       |
|      | 39927538 | SHIM                   | 1   |       |
|      | 39927546 | SHIM                   | 6   |       |
| 4    | 95358214 | O-RING                 | 1   |       |
| 5    | 35596626 | SEAL                   | 1   |       |
| 6    | 36711083 | GEAR CASE              | 1   |       |
| 7    | 96706262 | SCREW, HEX             | 18  |       |
| 8    | 35365261 | PIN                    | 1   |       |
| 9    | 35299775 | LOCKNUT                | 1   |       |
| 10   | 35300227 | SPACER                 | 1   |       |
| 11   | 35605203 | BEARING                | 2   |       |
| 12   | 35300227 | SPACER                 | 1   |       |
| 13   | 36758142 | GEAR SET               | 1   |       |
| 14   | 35367069 | KEY                    | 1   |       |
| 15   | 35851195 | SHAFT                  | 1   |       |
| 16   | 35300136 | KEY                    | 1   |       |
| 17   | 35300144 | KEY                    | 1   |       |
| 18   | 35295336 | DOWEL                  | 1   |       |
| 19   | 35365279 | PIN                    | 2   |       |
| 20   | 36754141 | HOUSING, FRONT BEARING | 1   |       |
| 21   | 35820646 | GASKET                 | 1   |       |

# AIREND, ROTOR HOUSING



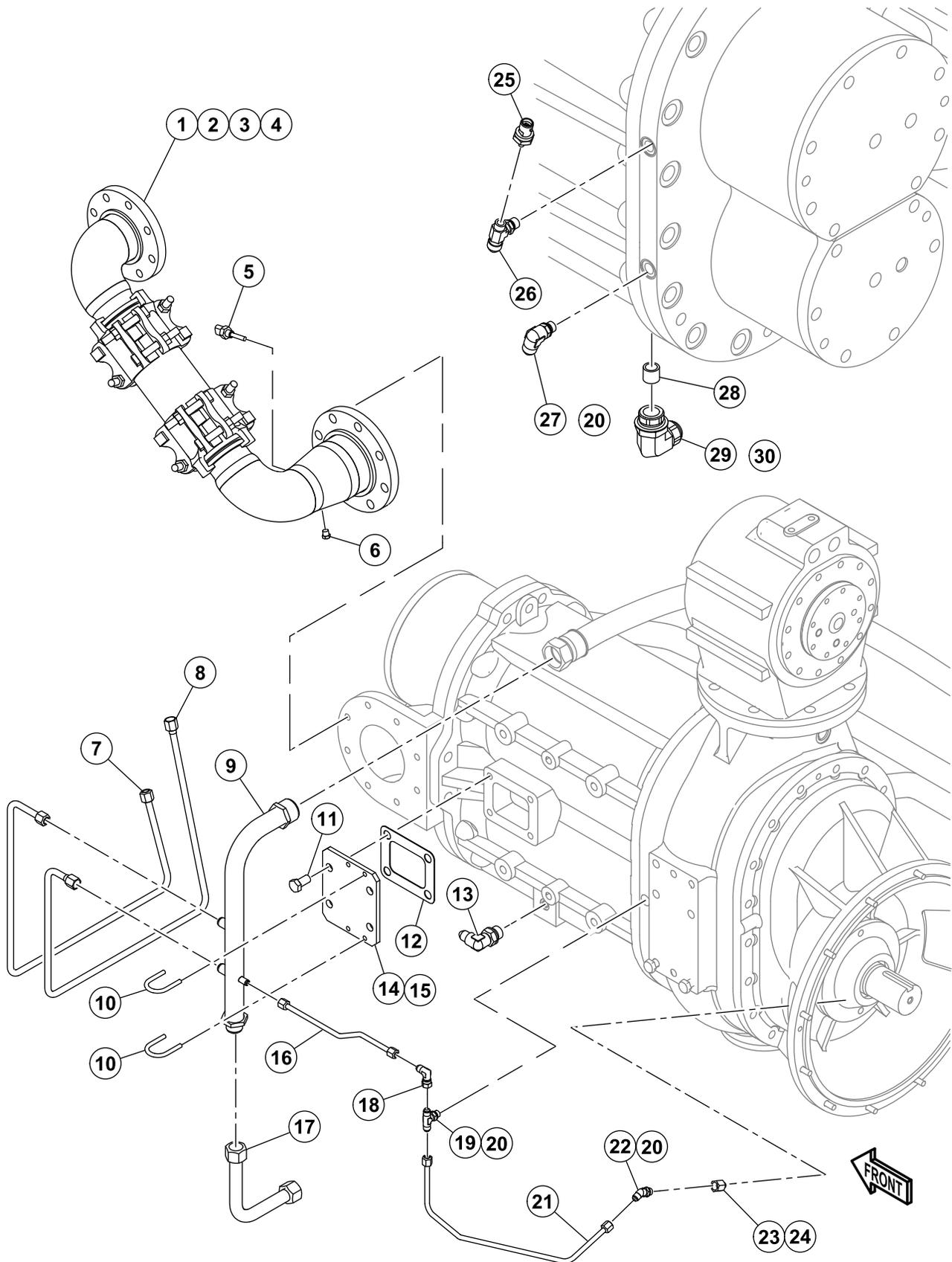
| ITEM | PART NO. | DESCRIPTION    | QTY | NOTES |
|------|----------|----------------|-----|-------|
| 1    | 35299569 | SCREW, HEX     | 4   |       |
| 2    | 35300177 | PLATE, CLAMP   | 1   |       |
| 3    | 35610286 | SPACER         | 1   |       |
| 4    | 95285599 | RETAINING RING | 1   |       |
| 5    | 35610591 | BEARING        | 1   |       |
| 6    | 42469676 | ROTOR SET      | 1   |       |
| 7    | 39926787 | BEARING        | 1   |       |
| 8    | 35373877 | PLATE, CLAMP   | 1   |       |
| 9    | 35293869 | SCREW, HEX     | 4   |       |
| 10   | 35820653 | GASKET         | 1   |       |
| 11   | 35365279 | PIN            | 2   |       |
| 12   | 96706262 | SCREW, HEX     | 18  |       |
| 13   | 35365279 | DOWEL          | 1   |       |
| 14   | 54363536 | HOUSING, ROTOR | 1   |       |
| 15   | 35295336 | DOWEL          | 1   |       |

# AIREND, REAR BEARINGS AND CAPS



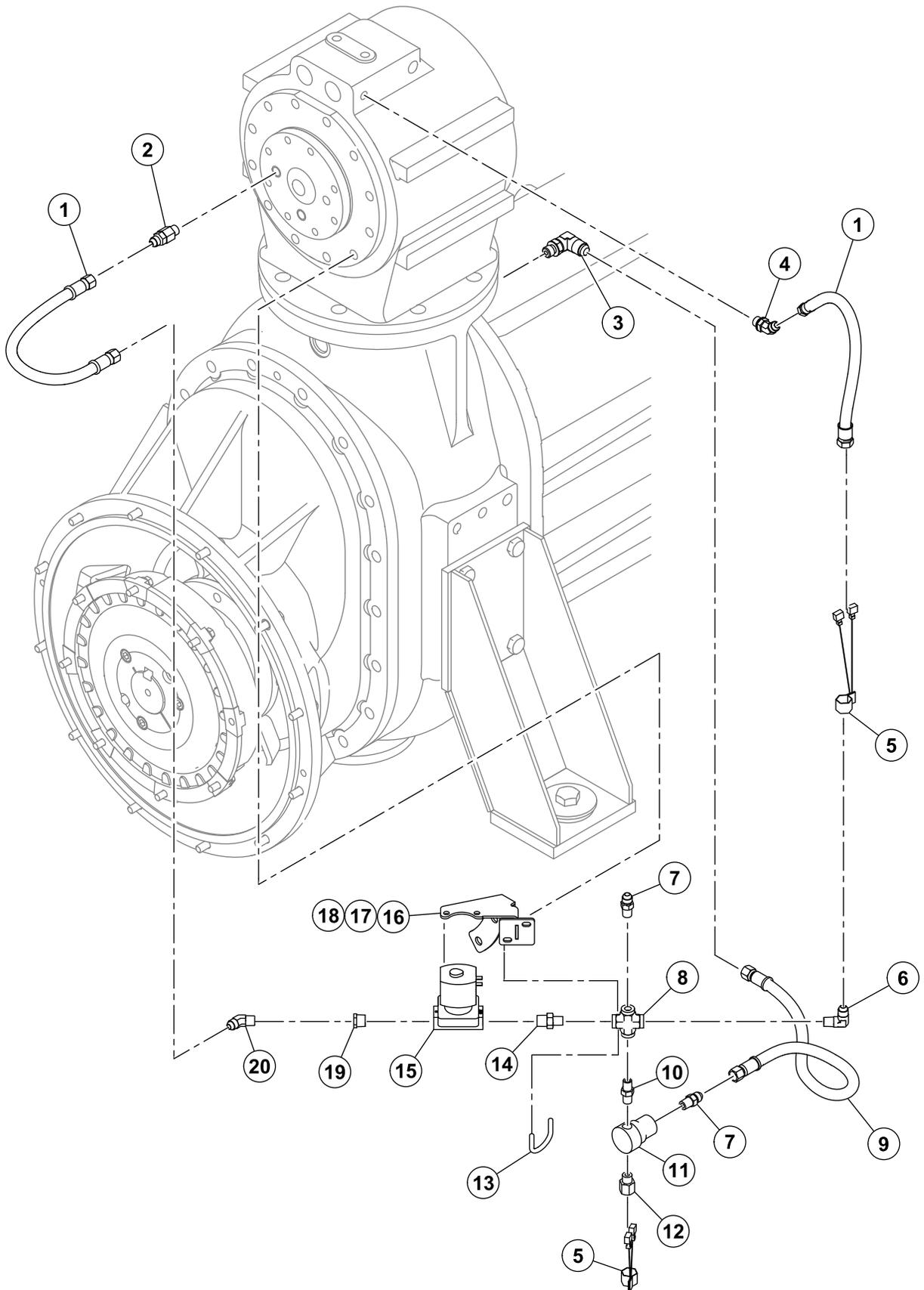
| ITEM | PART NO. | DESCRIPTION           | QTY | NOTES |
|------|----------|-----------------------|-----|-------|
| 1    | 35820661 | GASKET,               | 1   |       |
| 2    | 36856060 | HOUSING, REAR BEARING | 1   |       |
| 3    | 39927496 | SHIM                  | 2   |       |
| 4    | 35299403 | BEARING               | 2   |       |
| 5    | 35610278 | PLATE, CLAMP          | 1   |       |
| 6    | 35299569 | SCREW, HEX            | 8   |       |
| 7    | 39927058 | SHIM                  | 3   |       |
| 8    | 95358446 | SHIM                  | 3   |       |
| 9    | 35321520 | SHIM                  | 3   |       |
| 10   | 95352944 | O-RING                | 1   |       |
| 11   | 36504330 | CAP                   | 1   |       |
| 12   | 96716162 | SCREW, HEX            | 8   |       |
| 13   | 36504355 | CAP                   | 1   |       |
| 14   | 95603130 | O-RING                | 1   |       |
| 15   | 39926928 | SHIM                  | 3   |       |
| 16   | 39926928 | SHIM                  | 3   |       |
| 17   | 39926928 | SHIM                  | 3   |       |
| 18   | 35606920 | PLATE, CLAMP          | 1   |       |
| 19   | 35299429 | BEARING               | 2   |       |
| 20   | 39927504 | SHIM                  | 5   |       |
| 21   | 35299767 | SCREW, HEX            | 12  |       |

# AIREND, PIPING



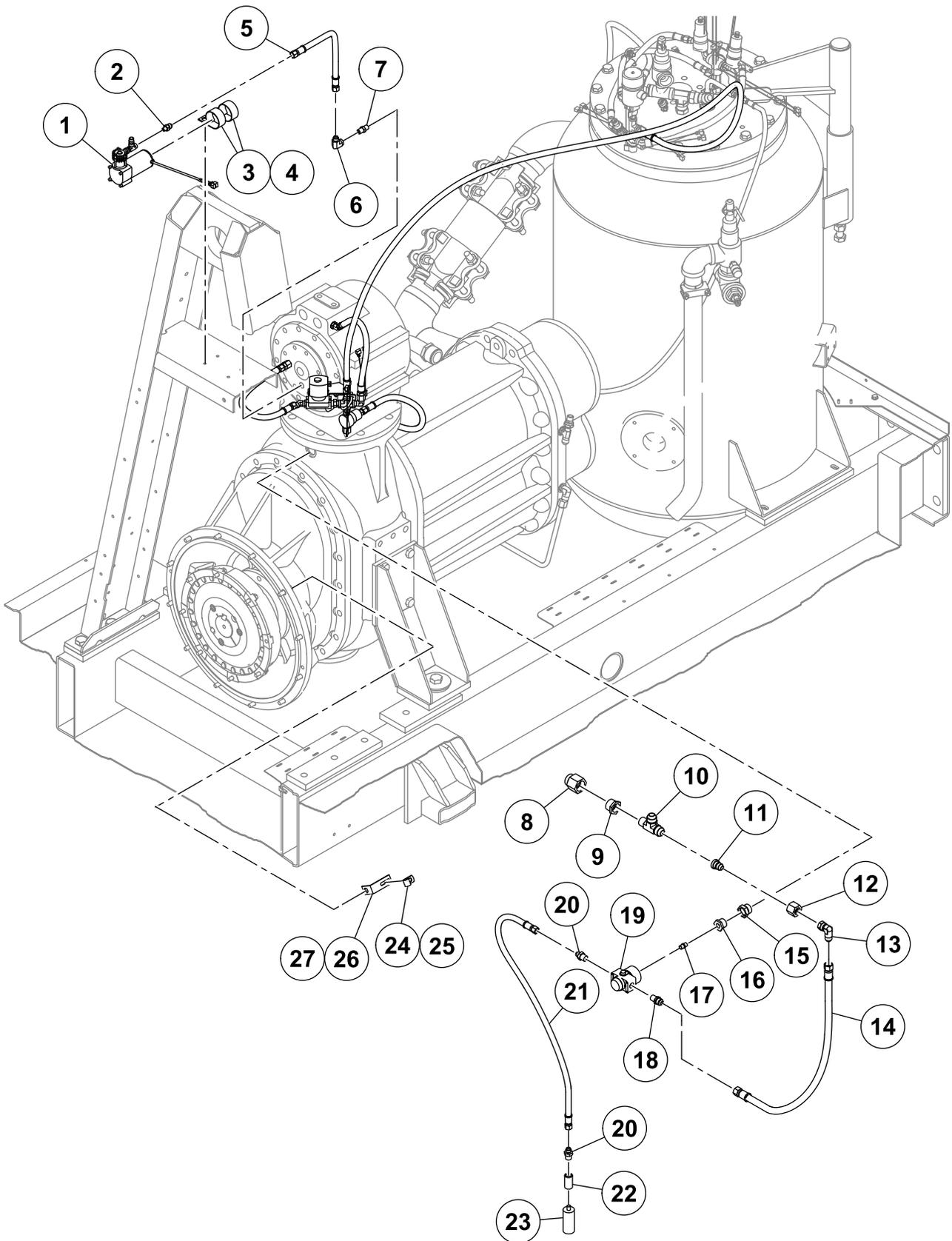
| ITEM | PART NO. | DESCRIPTION                       | QTY | NOTES |
|------|----------|-----------------------------------|-----|-------|
| 1    | 54612437 | HOSE, AIREND DISCHARGE            | 1   |       |
| 2    | 36765121 | SCREW, HEX                        | 16  |       |
| 3    | 36762961 | GASKET, RING                      | 1   |       |
| 4    | 36856656 | GASKET, RING                      | 1   |       |
| 5    | 23294820 | SENSOR, TEMPERATURE, 3/8" NPT     | 1   |       |
| 6    | 95954038 | PLUG, HEX                         | 1   |       |
| 7    | 36758175 | TUBE, OIL, -8 JIC AIREND 285      | 1   |       |
| 8    | 36758183 | TUBE, OIL, -8 JIC AIREND 285      | 1   |       |
| 9    | 36756211 | MANIFOLD, OIL                     | 1   |       |
| 10   | 36761831 | U-BOLT                            | 2   |       |
| 11   | 35375591 | SCREW, HEX                        | 4   |       |
| 12   | 35304021 | GASKET, OIL INLET                 | 1   |       |
| 13   | 95365094 | ELBOW, 90°                        | 1   |       |
| 14   | 36756252 | COVER, AIREND CUSP INJ.           | 1   |       |
| 15   | 35252600 | NUT, HEX FLANGE, LOCKING          | 4   |       |
| 16   | 36758217 | TUBE, OIL, -6 JIC AIREND 285      | 1   |       |
| 17   | 36758191 | TUBE, OIL, -12 JIC AIREND 285     | 1   |       |
| 18   | 35283068 | ELBOW, 90° SWIVEL NUT             | 1   |       |
| 19   | 35279843 | TEE                               | 1   |       |
| 20   | 35278571 | O-RING                            | 3   |       |
| 21   | 36771731 | TUBE, OIL, -6 JIC AIREND 285      | 1   |       |
| 22   | 35279835 | ELBOW, 45°                        | 1   |       |
| 23   | 35287945 | EXPANDER, 7/16" - 20 X 9/16" - 18 | 1   |       |
| 24   | 35279959 | O-RING                            | 1   |       |
| 25   | 54496773 | TRANSDUCER, PRESSURE, 0 - 225 PSI | 1   |       |
| 26   | 36769701 | TEE, MANIFOLD                     | 1   |       |
| 27   | 35287937 | ELBOW, 90°                        | 1   |       |
| 28   | 36762680 | INSERT, ORIFICE                   | 1   |       |
| 29   | 35291384 | ELBOW, 90°                        | 1   |       |
| 30   | 35280528 | O-RING                            | 1   |       |

# AIREND, UNLOADER SOLENOID PIPING



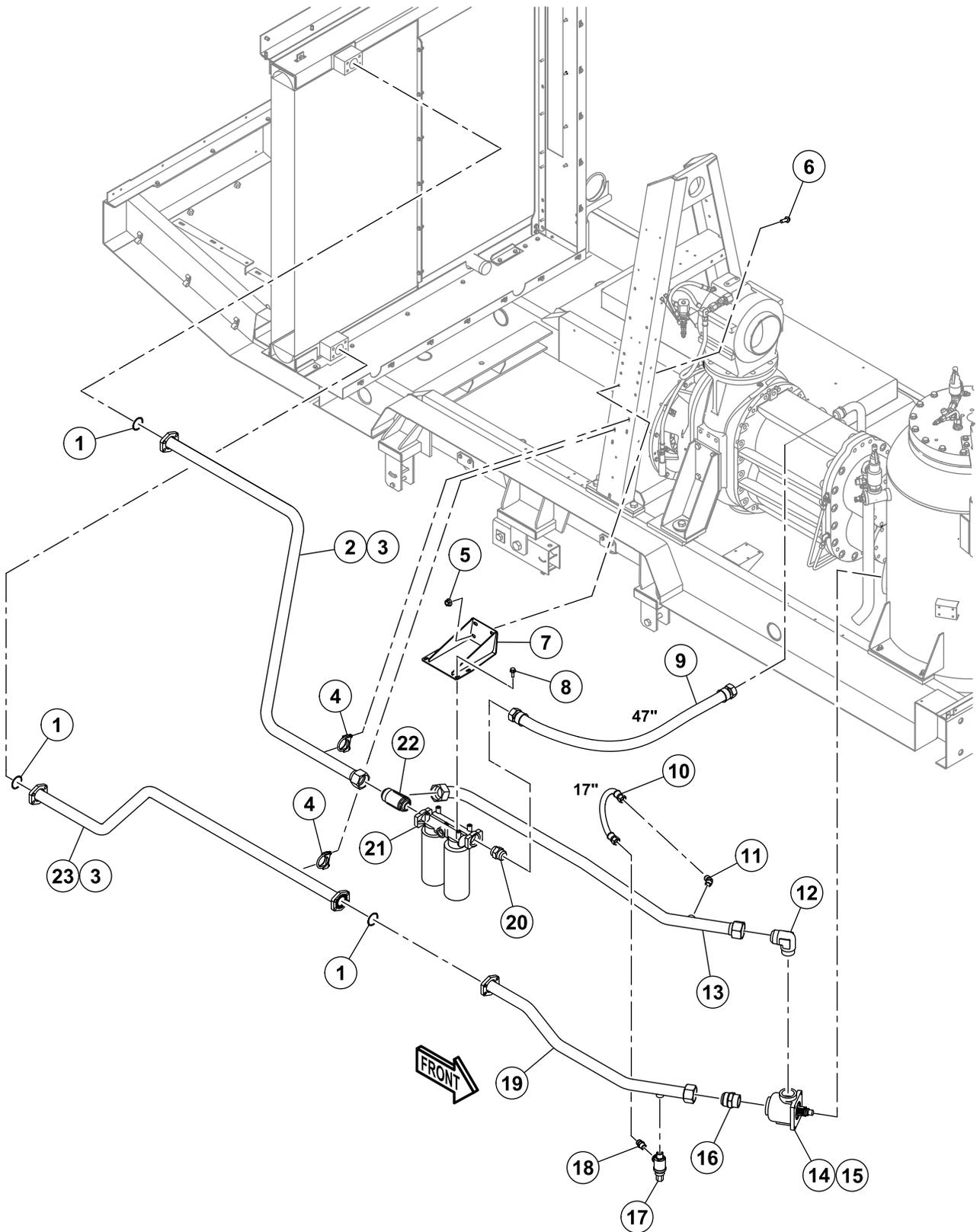
| ITEM | PART NO.   | DESCRIPTION              | QTY   | NOTES              |
|------|------------|--------------------------|-------|--------------------|
| 1    | 46604560   | HOSE                     | 14.75 | MEASURED IN INCHES |
| 2    | 36840460   | VALVE, CHECK ORIFICE     | 1     |                    |
| 3    | 35279843   | TEE, W/O-RING            | 1     | IQ/AC OPTION ONLY  |
|      | 35279827   | ELBOW, 18 SAE            | 1     | W/O IQ/AC OPTION   |
| 4    | 46608860   | ELBOW, 45°, W/O-RING     | 1     |                    |
| 5    | 36841526   | HEATER, HEX 3/4" 24VDC   | 2     |                    |
| 6    | 46547881   | ELBOW, 90°               | 1     |                    |
| 7    | 46547956   | CONNECTOR                | 2     |                    |
| 8    | 46547790   | CROSS, 1/4" NPT FEMALE   | 1     |                    |
| 9    | 46635572   | HOSE                     | 20    | MEASURED IN INCHES |
| 10   | 46547816   | NIPPLE                   | 1     |                    |
| 11   | 35322379   | VALVE, BLOWNDOWN         | 1     |                    |
| 12   | 35322346   | CONNECTOR                | 1     |                    |
| 13   | 35166404   | U-BOLT                   | 1     |                    |
| 14   | 95140646   | NIPPLE, HEX              | 1     |                    |
| 15   | 36840841   | VALVE, SOLENOID 24V      | 1     |                    |
| 16   | 46635960SA | BRACKET, VALVE CROSS A/E | 1     |                    |
| 17   | 95934816   | SCREW, HEX               | 2     |                    |
| 18   | 35144492   | NUT, HEX FLANGED         | 2     |                    |
| 19   | 46547915   | BUSHING, REDUCER         | 1     |                    |
| 20   | 46548020   | ELBOW, 45°               | 1     |                    |

# AIREND, ANTI-RUMBLE PIPING



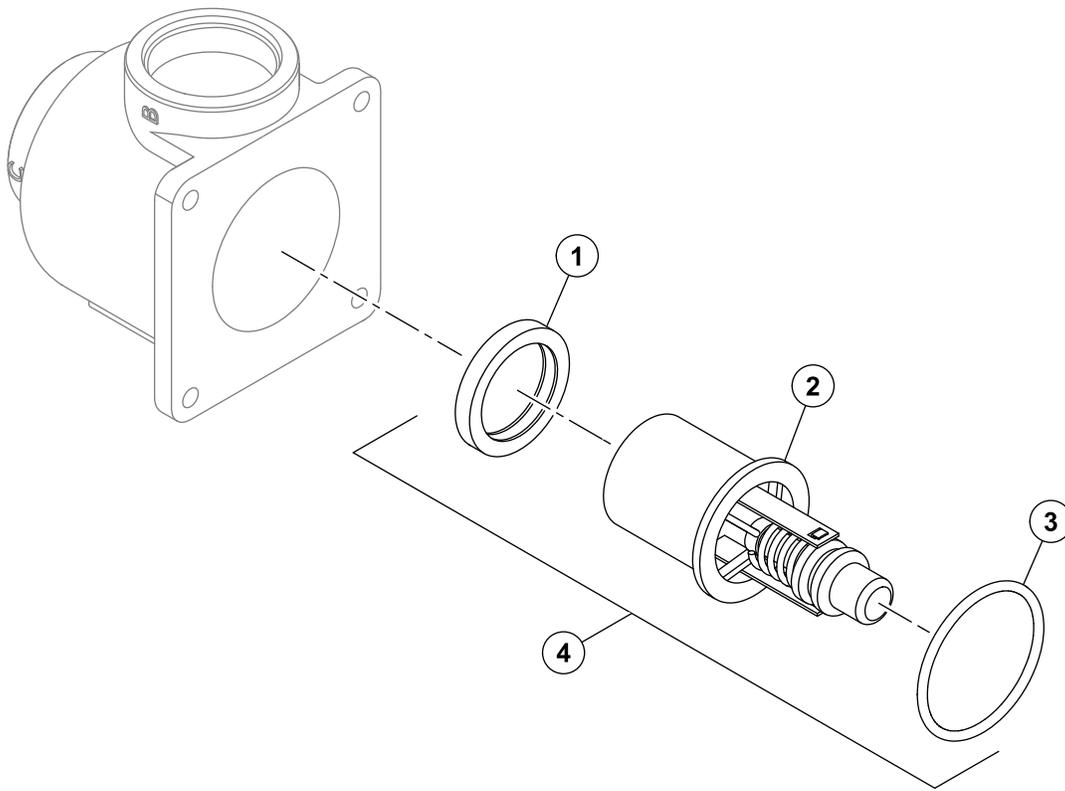
| ITEM | PART NO. | DESCRIPTION                         | QTY | NOTES              |
|------|----------|-------------------------------------|-----|--------------------|
| 1    | 46576919 | COMPRESSOR, 24 VDC                  | 1   |                    |
| 2    | 46558459 | CONNECTOR                           | 1   |                    |
| 3    | 35119718 | CLAMP, SUPPORT, RUBBER COATED       | 2   |                    |
| 4    | 35279025 | SCREW, HEX TAPPING                  | 2   |                    |
| 5    | 46608801 | HOSE                                | 17  | MEASURED IN INCHES |
| 6    | 35280098 | ELBOW, 90°                          | 1   |                    |
| 7    | 35248145 | VALVE, CHECK HEX                    | 1   |                    |
| 8    | 35280510 | ADAPTER                             | 1   |                    |
| 9    | 95944617 | BUSHING, REDUCER                    | 1   |                    |
| 10   | 35330117 | TEE                                 | 1   |                    |
| 11   | 35365774 | REDUCER, TUBE                       | 1   |                    |
| 12   | 35324987 | NUT, TUBE                           | 1   |                    |
| 13   | 35287911 | ELBOW, 90°, SWIVEL                  | 1   |                    |
| 14   | 35298512 | HOSE, 30"                           | 1   |                    |
| 15   | 35279116 | ADAPTER, O-RING                     | 1   |                    |
| 16   | 95944633 | BUSHING, REDUCER                    | 1   |                    |
| 17   | 95944575 | NIPPLE, CLOSE                       | 1   |                    |
| 18   | 35283126 | CONNECTOR, 3/8" NPT X -8 JIC SWIVEL | 1   |                    |
| 19   | 35335017 | VALVE, BLOWDOWN                     | 1   |                    |
| 20   | 35290147 | CONNECTOR                           | 2   |                    |
| 21   | 35282987 | HOSE                                | 34  | MEASURED IN INCHES |
| 22   | 95989554 | COUPLING                            | 1   |                    |
| 23   | 36762623 | SILENCER, AIR                       | 1   |                    |
| 24   | 35222538 | CLAMP, SUPPORT, RUBBER COATED       | 1   |                    |
| 25   | 35271162 | SCREW, HEX                          | 1   |                    |
| 26   | 35190487 | BRACKET, TUBE CLAMP                 | 1   |                    |
| 27   | 36881886 | NUT, HEX                            | 1   |                    |

# OIL PIPING, INSTALLATION



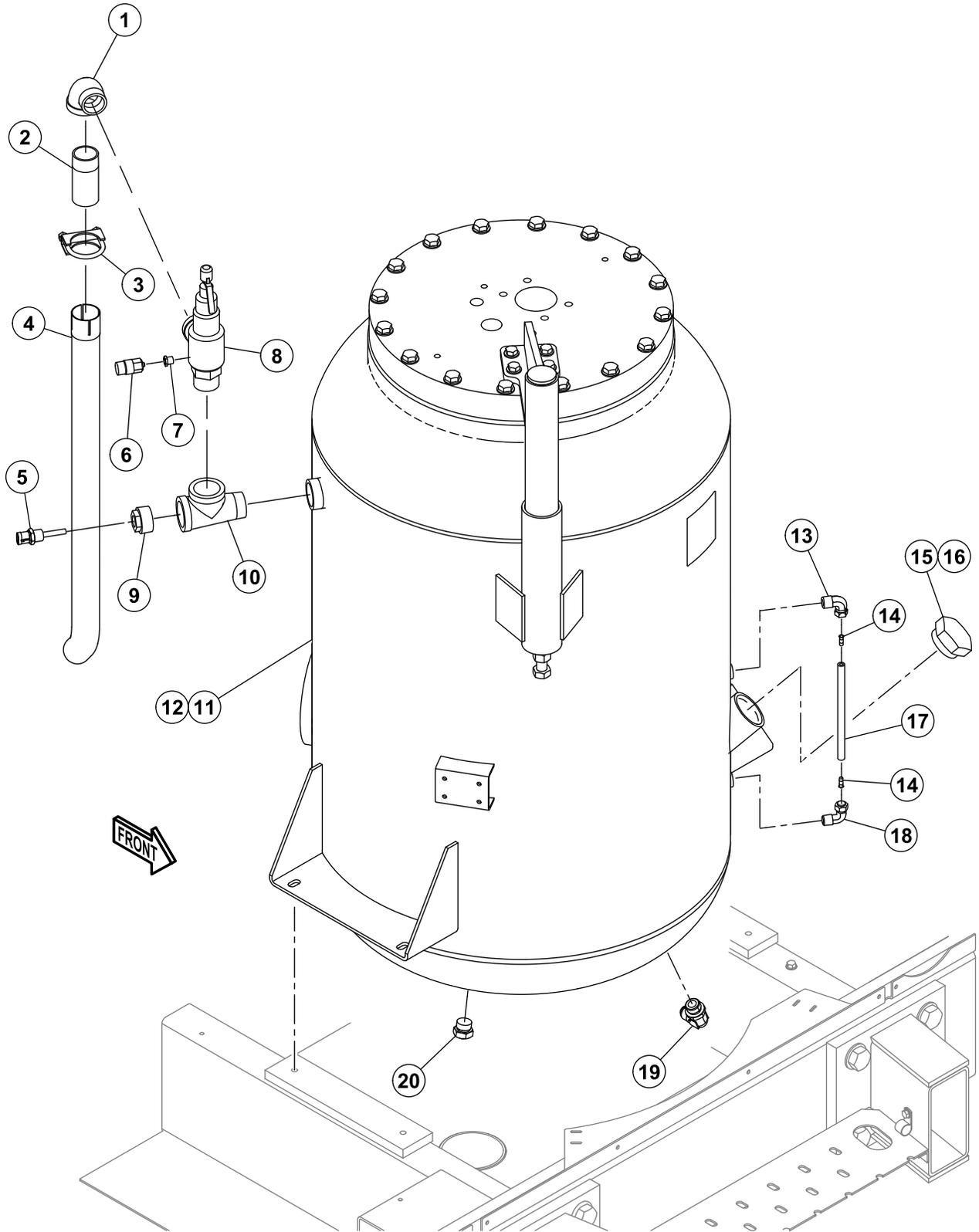
| ITEM | PART NO.   | DESCRIPTION                       | QTY | NOTES              |
|------|------------|-----------------------------------|-----|--------------------|
| 1    | 95357976   | O-RING                            | 3   |                    |
| 2    | 46557160   | TUBE, OIL COOLER OUTLET TO FILTER | 1   |                    |
| 3    | 95920708   | SCREW, HEX                        | 12  |                    |
| 4    | 35192178   | CLAMP, 2", SADDLE                 | 2   |                    |
| 5    | 36879195   | NUT, HEX FLANGE                   | 4   |                    |
| 6    | 36880995   | SCREW, HEX FLANGE                 | 4   |                    |
| 7    | 54625173SB | BRACKET, OIL FILTER               | 1   |                    |
| 8    | 35144344   | SCREW, HEX FLANGE                 | 4   |                    |
| 9    | 35142116   | HOSE                              | 47  | MEASURED IN INCHES |
| 10   | 35287721   | HOSE                              | 17  | MEASURED IN INCHES |
| 11   | 95279105   | ELBOW, 45°                        | 1   |                    |
| 12   | 39140512   | ELBOW, 90°, W/ O-RING             | 1   |                    |
| 13   | 46652063   | TUBE, OIL BYPASS                  | 1   |                    |
| 14   | 46652059   | VALVE, OIL TEMPERATURE BYPASS     | 1   |                    |
| 15   | 96701917   | SCREW, HEX                        | 4   |                    |
| 16   | 95371241   | CONNECTOR, MALE                   | 1   |                    |
| 17   | 35260439   | VALVE, RELIEF                     | 1   |                    |
| 18   | 95219747   | CONNECTOR                         | 1   |                    |
| 19   | 46652062   | TUBE, OIL MANIFOLD OIL COOLER     | 1   |                    |
| 20   | 35296409   | CONNECTOR                         | 1   |                    |
| 21   | 39871306   | HEAD, DUAL FILTER                 | 1   |                    |
| 22   | 36756906   | TEE, STREET                       | 1   |                    |
| 23   | 46557159   | TUBE, OIL COOLER                  | 1   |                    |
|      | 36897346   | ELEMENT, OIL FILTER               | 2   |                    |

## OIL PIPING, BYPASS TEMPERATURE VALVE



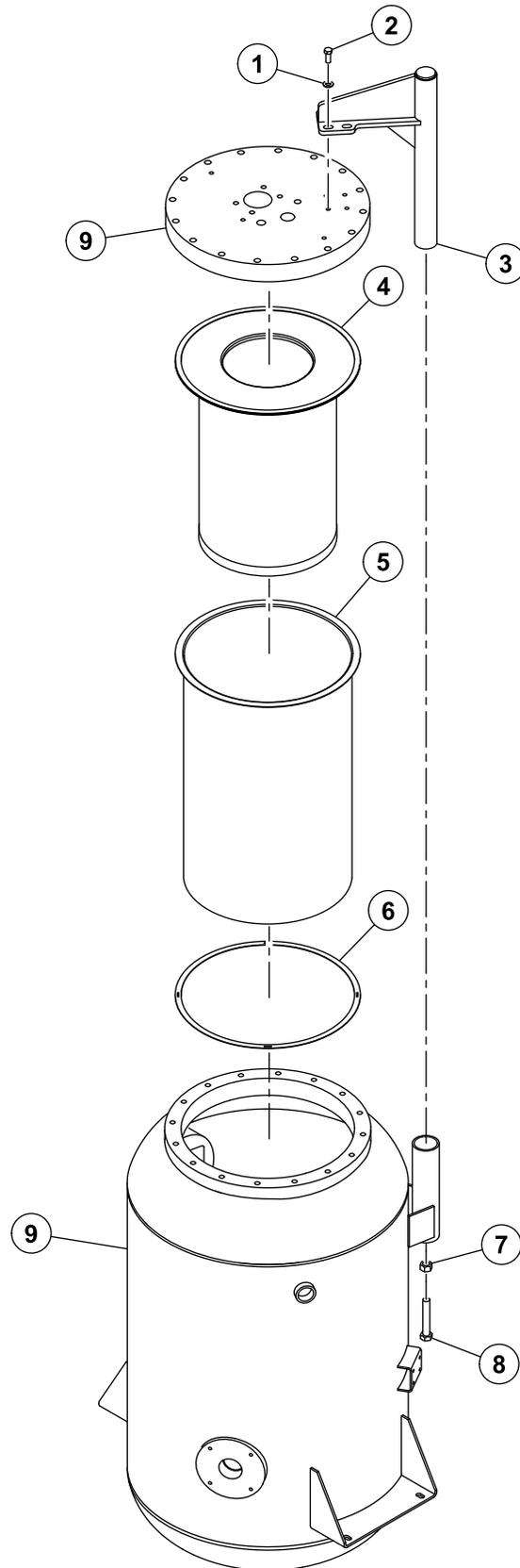
| ITEM | PART NO. | DESCRIPTION                          | QTY | NOTES |
|------|----------|--------------------------------------|-----|-------|
| 1    | 35307552 | SEAL, VALVE                          | 1   |       |
| 2    | 22694640 | ELEMENT, THERMOSTAT                  | 1   |       |
| 3    | 35307586 | GASKET, VALVE                        | 1   |       |
| 4    | 22711766 | KIT, OIL TEMPERATURE BYPASS ELEMENTS | 1   |       |

# SEPARATOR TANK INSTALLATION



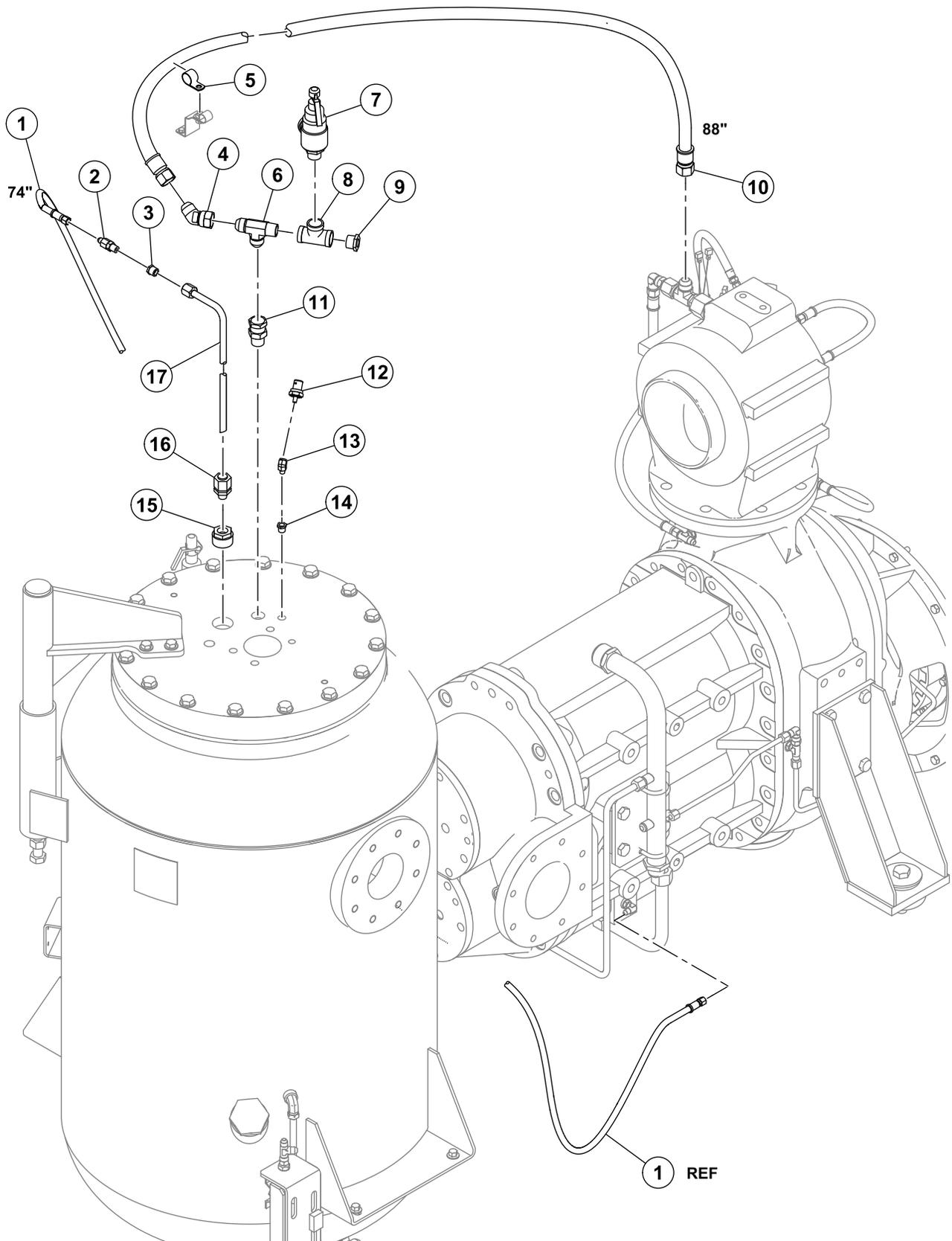
| ITEM | PART NO. | DESCRIPTION  | QTY | NOTES     |
|------|----------|--|-----|-----------|
| 1    | 95953311 | ELBOW, 90°, REDUCER  | 1   |           |
| 2    | 36764389 | NIPPLE   | 1   |           |
| 3    | 35192178 | CLAMP, MUFFLER, 2" ID                                      | 1   |           |
| 4    | 54744149 | PIPE, DISCHARGE SAFETY VALVE                               | 1   |           |
| 5    | 23294838 | SENSOR, TEMPERATURE 1/2" NPT                               | 1   |           |
| 6    | 46568519 | SWITCH, PRESSURE 12 PSI                                    | 1   |           |
| 7    | 95930301 | BUSHING, REDUCER   | 1   |           |
| 8    | 36764371 | VALVE, SAFETY, NPT 200 PSI                                 | 1   |           |
|      | 22204606 | VALVE, SAFETY, NPT 200 PSI                                 | 1   |           |
| 9    | 95942108 | BUSHING, REDUCER   | 1   |           |
| 10   | 95954285 | TEE, STREET  | 1   |           |
| 11   | 46555809 | SEPARATOR TANK ASSEMBLY, HP, ASME,<br>CRN, AS1210, CE CERT | 1   |           |
|      | 46577179 | SEPARATOR TANK ASSEMBLY, HP, CE,<br>ASME, CRN CERT         | 1   |           |
| 12   | 36879492 | SCREW, HEX FLANGE  | 4   |           |
| 13   | 22685481 | ELBOW, COMPRESSION   | 1   |           |
| 14   | 22685507 | INSERT, TUBE   | 2   |           |
| 15   | 35802933 | PLUG, OIL FILLER   | 1   |           |
| 16   | 35277797 | O-RING   | 1   |           |
| 17   | 22685531 | TUBE, SIGHT  | 1   |           |
| 18   | 22685499 | ELBOW, COMPRESSION   | 1   |           |
| 19   | 35294750 | ELBOW, 90°, W/O-RING                                       | 1   |           |
| 20   | 95280541 | PLUG, HEX  | 1   |           |
|      | 46653162 | HARNESS, SEPARATOR TANK                                    | 1   | NOT SHOWN |

# SEPARATOR TANK ASSEMBLY



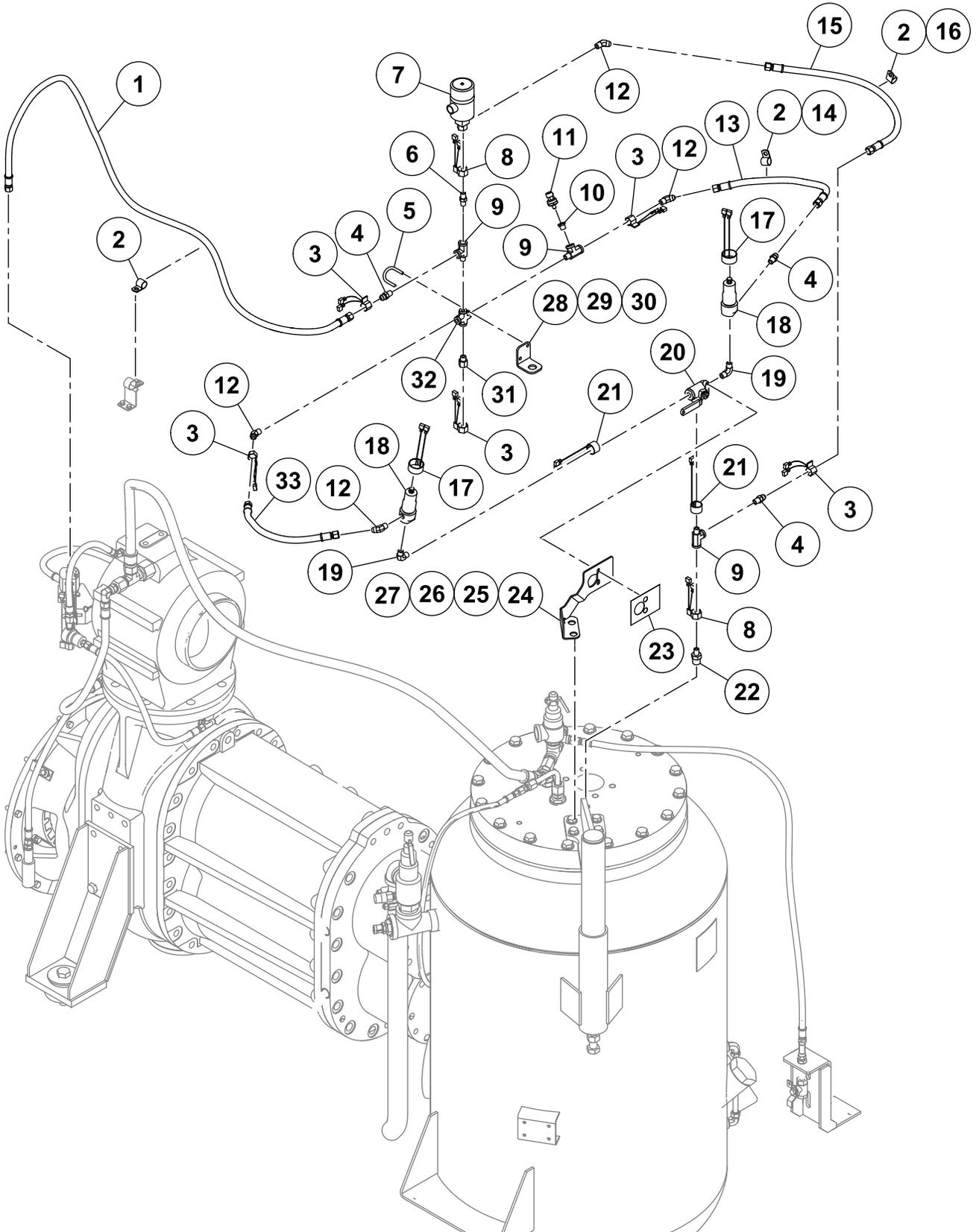
| ITEM | PART NO.   | DESCRIPTION                                  | QTY | NOTES |
|------|------------|--|-----|-------|
| 1    | 95935003   | WASHER, FLAT                                 | 4   |       |
| 2    | 95053047   | SCREW, HEX                                   | 4   |       |
| 3    | 46620563SA | ARM, TANK COVER DAVIT                        | 1   |       |
| 4    | 22402317   | ELEMENT, SEPARATOR                           | 1   |       |
| 5    | 36754414   | SHIELD, SEPARATOR TAN, INNER                 | 1   |       |
| 6    | 35610617   | GASKET, INNER SHIELD                         | 1   |       |
| 7    | 95922928   | NUT, HEX                                     | 1   |       |
| 8    | 96951488   | SCREW, HEX                                   | 1   |       |
| 9    | 46555798SA | TANK, SEPARATOR, HP ASME, CRN AS1210<br>CERT | 1   |       |
|      | 46577180SA | TANK, SEPARATOR, HP CE, ASME, CRN<br>CERT    | 1   |       |

# SEPARATOR TANK, PIPING



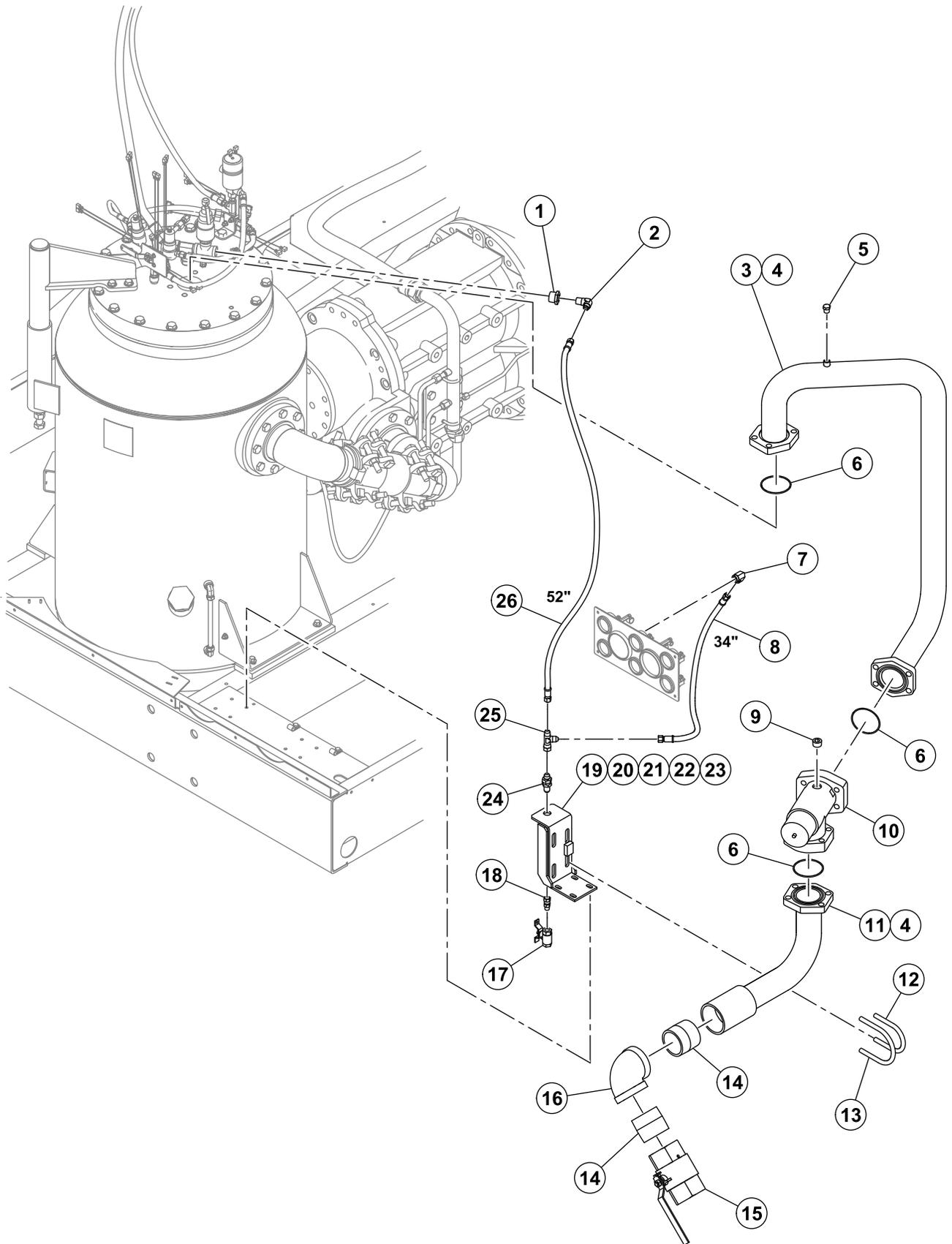
| ITEM | PART NO. | DESCRIPTION                       | QTY | NOTES              |
|------|----------|-----------------------------------|-----|--------------------|
| 1    | 35310226 | HOSE                              | 74  | MEASURED IN INCHES |
| 2    | 36840411 | VALVE, HEX, CHECK                 | 1   |                    |
| 3    | 95940748 | BUSHING, REDUCER                  | 1   |                    |
| 4    | 35323922 | ELBOW, 45°, FEMALE                | 1   |                    |
| 5    | 35225085 | CLAMP, SUPPORT, RUBBER COATED     | 1   |                    |
| 6    | 35330117 | TEE, MALE RUN                     | 1   |                    |
| 7    | 22061394 | VALVE, SAFETY 190 PSI             | 1   |                    |
|      | 22204598 | VALVE, SAFETY 190 PSI, PED        | 1   |                    |
| 8    | 95954210 | TEE                               | 1   |                    |
| 9    | 95953956 | BUSHING, REDUCERT                 | 1   | MEASURED IN INCHES |
| 10   | 35323898 | HOSE                              | 88  |                    |
| 11   | 36863702 | ADAPTER, SWIVEL                   | 1   |                    |
| 12   | 54496773 | TRANSDUCER, PRESSURE, 0 - 225 PSI | 1   |                    |
| 13   | 22817811 | ELBOW, 45°                        | 1   |                    |
| 14   | 46547857 | BUSHING, REDUCER                  | 1   |                    |
| 15   | 95940912 | BUSHING, REDUCER                  | 1   |                    |
| 16   | 35610674 | FITTING, SCAVENGE TUBE            | 1   |                    |
| 17   | 36794303 | TUBE, SCAVENGE                    | 1   |                    |

# SEPARATOR TANK REGULATION



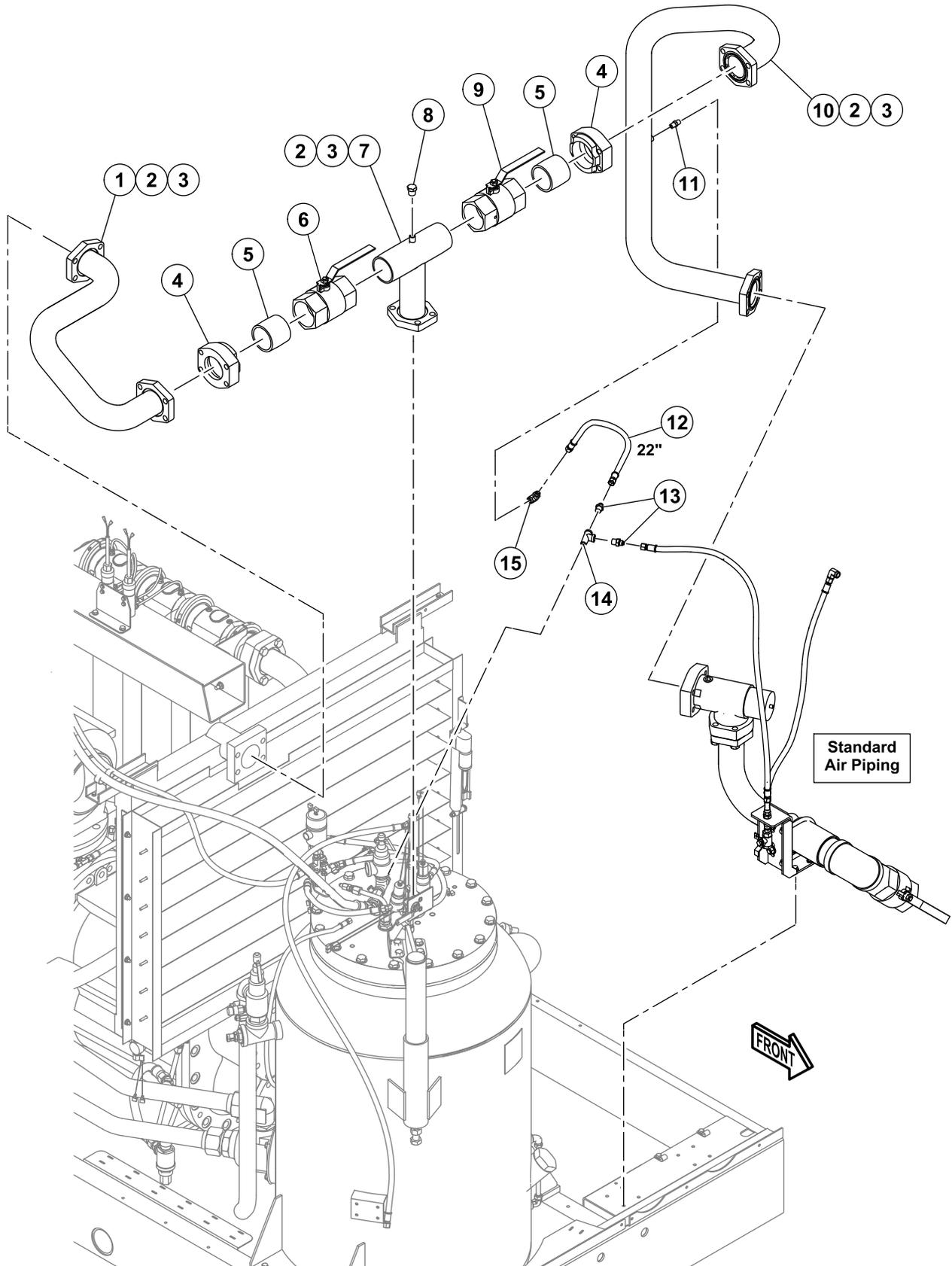
| ITEM | PART NO.   | DESCRIPTION                          | QTY | NOTES              |
|------|------------|--------------------------------------|-----|--------------------|
| 1    | 46636459   | HOSE                                 | 94  | MEASURED IN INCHES |
| 2    | 35225077   | CLAMP, SUPPORT, RUBBER COATED        | 2   |                    |
| 3    | 36841526   | HEATER, HEX, 24 VDC                  | 4   |                    |
| 4    | 46547956   | CONNECTOR, TUBE                      | 3   |                    |
| 5    | 35166404   | U-BOLT                               | 1   |                    |
| 6    | 46547816   | NIPPLE, HEX                          | 1   |                    |
| 7    | 46655272   | VALVE, 24V, SOLENOID                 | 1   |                    |
| 8    | 46499687   | HEATER, HEX, 24VDC                   | 2   |                    |
| 9    | 46547840   | TEE, MALE                            | 3   |                    |
| 10   | 46547857   | BUSHING, REDUCER                     | 1   |                    |
| 11   | 36920825   | TRANSDUCER, PRESSURE 0 - 100 PSI     | 1   |                    |
| 12   | 46548020   | ELBOW, 45°                           | 4   |                    |
| 13   | 46655266   | HOSE                                 | 18  | MEASURED IN INCHES |
| 14   | 36881886   | NUT, HEX                             | 1   |                    |
| 15   | 46652322   | HOSE                                 | 22  | MEASURED IN INCHES |
| 16   | 96727193   | SCREW, HEX FLANGE                    | 1   |                    |
| 17   | 36854677   | HEATER, REGULATOR, 24VDC             | 2   |                    |
| 18   | 36896892   | REGULATOR, PRESSURE, 200 PSI         | 2   |                    |
| 19   | 46547865   | ELBOW, 90° 1/4" NPT                  | 2   |                    |
| 20   | 46562499   | VALVE, 3-WAY BALL                    | 1   |                    |
| 21   | 23346612   | HEATER, CYLINDRICAL, 24VDC           | 2   |                    |
| 22   | 96952866   | NIPPLE, 1HEX                         | 1   |                    |
| 23   | 46607441   | DECAL, DUAL PRESSURE VALVE OPERATION | 1   |                    |
| 24   | 46634120SA | BRACKET, REGULATION DUAL PRESSURE    | 1   |                    |
| 25   | 95922126   | SCREW, ROUND HEAD SLOTTED            | 2   |                    |
| 26   | 95954251   | WASHER, FLAT                         | 2   |                    |
| 27   | 95923074   | NUT, HEX                             | 2   |                    |
| 28   | 46652930SA | BRACKET, CROSS MOUNT                 | 1   |                    |
| 29   | 95935029   | WASHER, FLAT                         | 2   |                    |
| 30   | 95923298   | NUT, HEX NYLON INSERT                | 2   |                    |
| 31   | 46656836   | ORIFICE                              | 1   |                    |
| 32   | 46547790   | CROSS, FEMALE                        | 1   |                    |
| 33   | 46608801   | HOSE                                 | 17  | MEASURED IN INCHES |

# SERVICE AIR, STANDARD, NO FILTRATION



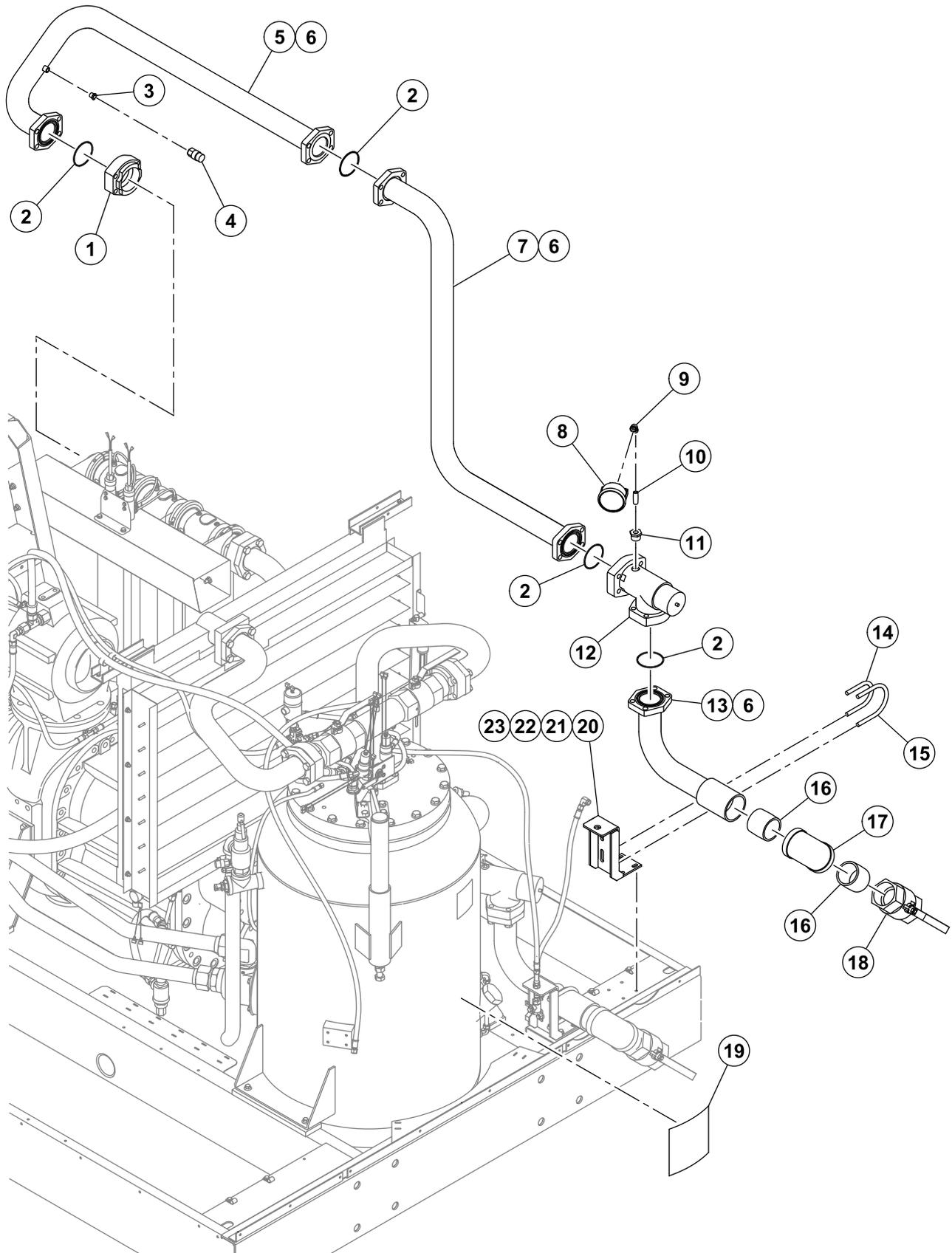
| ITEM | PART NO. | DESCRIPTION                                      | QTY | NOTES              |
|------|----------|--|-----|--------------------|
| 1    | 95953956 | BUSHING, REDUCER                                 | 1   |                    |
| 2    | 35279926 | ELBOW, 90°                                       | 1   |                    |
| 3    | 46620183 | TUBE, SEPARATOR TANK MINIMUM PRESSURE VALVE      | 1   |                    |
|      | 22205165 | TUBE, SEPARATOR TANK MINIMUM PRESSURE VALVE, PED | 1   |                    |
| 4    | 95929089 | SCREW, HEX                                       | 12  |                    |
| 5    | 95954038 | PLUG, HEX  | 1   | NON-PED ONLY       |
| 6    | 95358040 | O-RING   | 3   |                    |
| 7    | 35280098 | ELBOW, 90°                                       | 1   |                    |
| 8    | 35282987 | HOSE   | 34  | MEASURED IN INCHES |
| 9    | 95947149 | PLUG, HEX  | 1   |                    |
| 10   | 54642152 | VALVE,, CHECK, 3" MINIMUM PRESSURE               | 1   |                    |
|      | 22207534 | VALVE,, CHECK, 3" MINIMUM PRESSURE               | 1   |                    |
| 11   | 46561941 | TUBE, SERVICE AIR                                | 1   |                    |
|      | 46614404 | TUBE, SERVICE AIR, PED                           | 1   |                    |
| 12   | 35586288 | U-BOLT   | 1   |                    |
| 13   | 36799419 | U-BOLT   | 1   |                    |
| 14   | 95940946 | NIPPLE, PIPE, EXTRA STRONG                       | 2   |                    |
| 15   | 36755718 | VALVE, 3" BALL                                   | 1   |                    |
|      | 22225213 | VALVE, 3" BALL, PED                              | 1   |                    |
| 16   | 95941027 | ELBOW, 90  | 1   |                    |
| 17   | 35324839 | VALVE, BALL                                      | 1   |                    |
| 18   | 35367846 | CONNECTOR, SWIVEL NUT                            | 1   |                    |
| 19   | 54668314 | BRACKET, SERVICE PIPE MOUNTING                   | 1   |                    |
| 20   | 35130293 | SCREW, TAPPING                                   | 4   |                    |
| 21   | 95935003 | WASHER, FLAT                                     | 4   |                    |
| 22   | 95922902 | NUT, HEX   | 4   |                    |
| 23   | 95935052 | WASHER, FLAT                                     | 2   |                    |
| 24   | 35336189 | CONNECTOR  | 1   |                    |
| 25   | 95415667 | TEE  | 1   |                    |
| 26   | 36844074 | HOSE   | 52  | MEASURED IN INCHES |

# SERVICE AIR, IQ, PIPING, AFTERCOOLER INLET



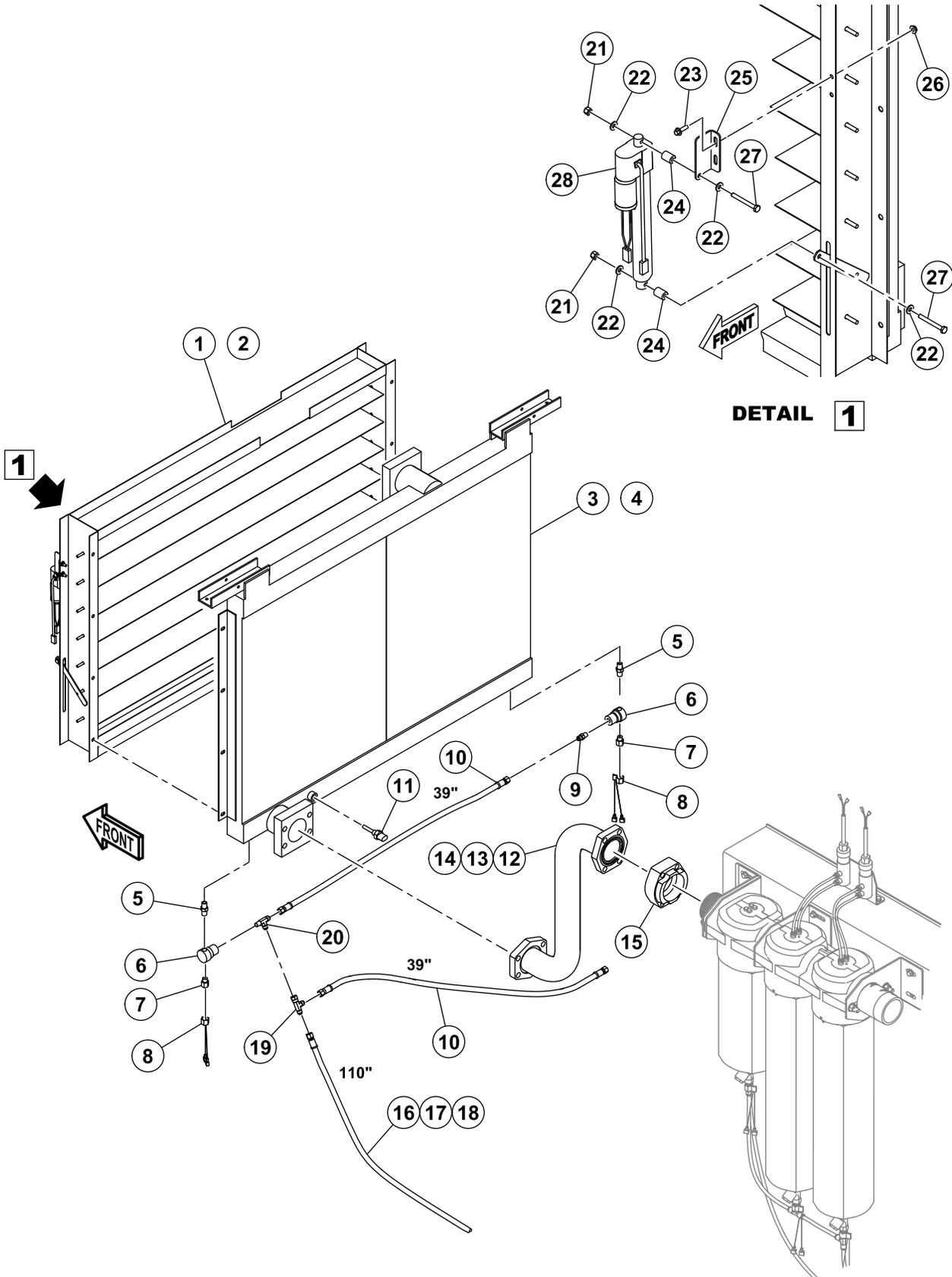
| ITEM | PART NO. | DESCRIPTION                        | QTY | NOTES              |
|------|----------|------------------------------------|-----|--------------------|
| 1    | 46561039 | TUBE, AFTERCOOLER INLET            | 1   |                    |
|      | 46614400 | TUBE, AFTERCOOLER, INLET, HP, PED  | 1   |                    |
| 2    | 95929089 | SCREW, HEX                         | 20  |                    |
| 3    | 95358040 | O-RING                             | 5   |                    |
| 4    | 36893220 | ADAPTER, FLAT FACE, FLANGE         | 2   |                    |
| 5    | 95940946 | NIPPLE, EXTRA STRONG, PIPE 3"      | 2   |                    |
| 6    | 36922995 | VALVE, BALL, 3" LOCKABLE           | 1   |                    |
|      | 22225221 | VALVE, BALL, 3" LOCKABLE, NPT, PED | 1   |                    |
| 7    | 46674062 | TEE, SERVICE AIR 3"                | 1   |                    |
|      | 46557999 | TEE, SERVICE AIR 3", PED           | 1   |                    |
| 8    | 95954038 | PLUG, HEX                          | 1   | PED ONLY           |
| 9    | 36755718 | VALVE, BALL, 3"                    | 1   |                    |
|      | 22225213 | VALVE, BALL, 3", PED               | 1   |                    |
| 10   | 22104558 | TUBE, IQ AIR BY-PASS               | 1   |                    |
|      | 22205181 | TUBE, IQ AIR BY-PASS, PED          | 1   |                    |
| 11   | 35248145 | VALVE, CHECK                       | 1   |                    |
| 12   | 35322502 | HOSE                               | 22  | MEASURED IN INCHES |
| 13   | 35290147 | CONNECTOR                          | 2   |                    |
| 14   | 95764767 | TEE, RUN                           | 1   |                    |
| 15   | 35280098 | ELBOW, 90°                         | 1   |                    |

# SERVICE AIR, IQ FILTRATION OUTLET, PIPING



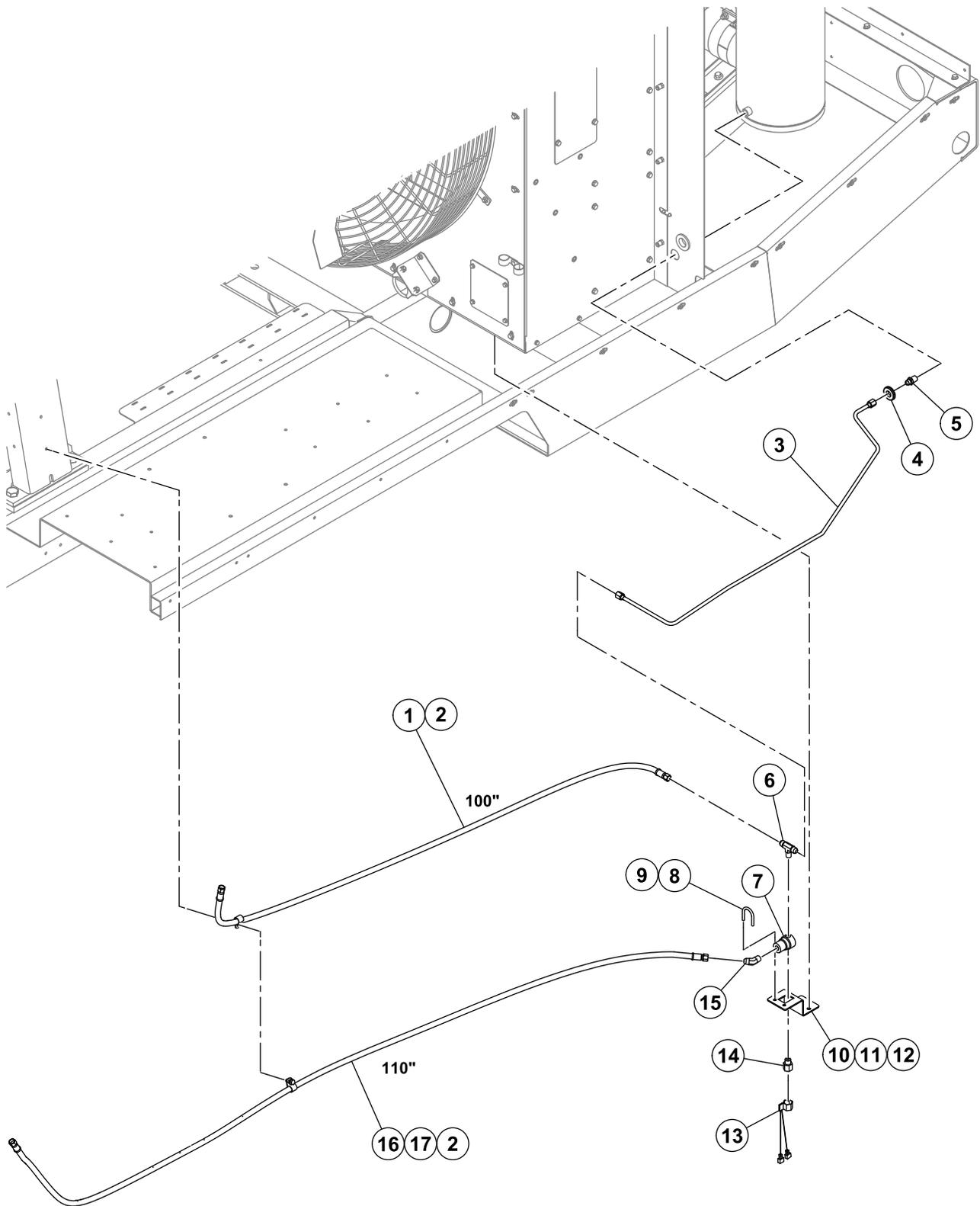
| ITEM | PART NO. | DESCRIPTION                                      | QTY | NOTES |
|------|----------|--|-----|-------|
| 1    | 36893220 | ADAPTER, FLAT FACE, FLANGE                       | 1   |       |
| 2    | 95358040 | O-RING   | 4   |       |
| 3    | 95954038 | PLUG, HEX  | 1   |       |
|      | 46547857 | BUSHING, FEMALE                                  | 1   |       |
| 4    | 46568519 | SWITCH, PRESSURE, 12 PSI NC                      | 1   |       |
| 5    | 46556499 | TUBE, IQ FILTER                                  | 1   |       |
|      | 46614402 | TUBE, IQ FILTER, PED                             | 1   |       |
| 6    | 95929089 | SCREW, HEX"                                      | 16  |       |
| 7    | 46557144 | TUBE, IQ FILTER TUBE TO MIN. PRESSURE VALVE      | 1   |       |
|      | 46614403 | TUBE, IQ FILTER TUBE TO MIN. PRESSURE VALVE, PED | 1   |       |
| 8    | 46558799 | GAUGE, PRESSURE, 0 - 250 PSI                     | 1   |       |
| 9    | 95954095 | ELBOW, 90°                                       | 1   |       |
| 10   | 95944567 | NIPPLE, SHORT                                    | 1   |       |
| 11   | 95944633 | BUSHING, FEMALE REDUCER                          | 1   |       |
| 12   | 54642152 | VALVE, CHECK, 3" MINIMUM PRESSURE                | 2   |       |
|      | 22207534 | VALVE, CHECK, 3" MINIMUM PRESSURE, PED           | 2   |       |
| 13   | 46561941 | TUBE, SERVICE AIR, 3"                            | 2   |       |
|      | 46614404 | TUBE, SERVICE AIR, 3", PED                       | 2   |       |
| 14   | 35586288 | U-BOLT   | 1   |       |
| 15   | 36799419 | U-BOLT   | 1   |       |
| 16   | 95940946 | NIPPLE, EXTRA STRONG, PIPE                       | 2   |       |
| 17   | 95941027 | ELBOW, 90°                                       | 1   |       |
| 18   | 36755718 | VALVE, BALL                                      | 1   |       |
|      | 22225213 | VALVE, BALL                                      | 1   |       |
| 19   | 46607442 | DECAL, AC OPERATION DIAGRAM                      | 1   |       |
| 20   | 54668314 | BRACKET, SERVICE PIPE MOUNTING                   | 1   |       |
| 21   | 35130293 | SCREW, TAPPING                                   | 4   |       |
| 22   | 95922902 | NUT, HEX   | 4   |       |
| 23   | 95935003 | WASHER, FLAT                                     | 4   |       |

# SERVICE AIR, IQ, AFTERCOOLER, PIPING



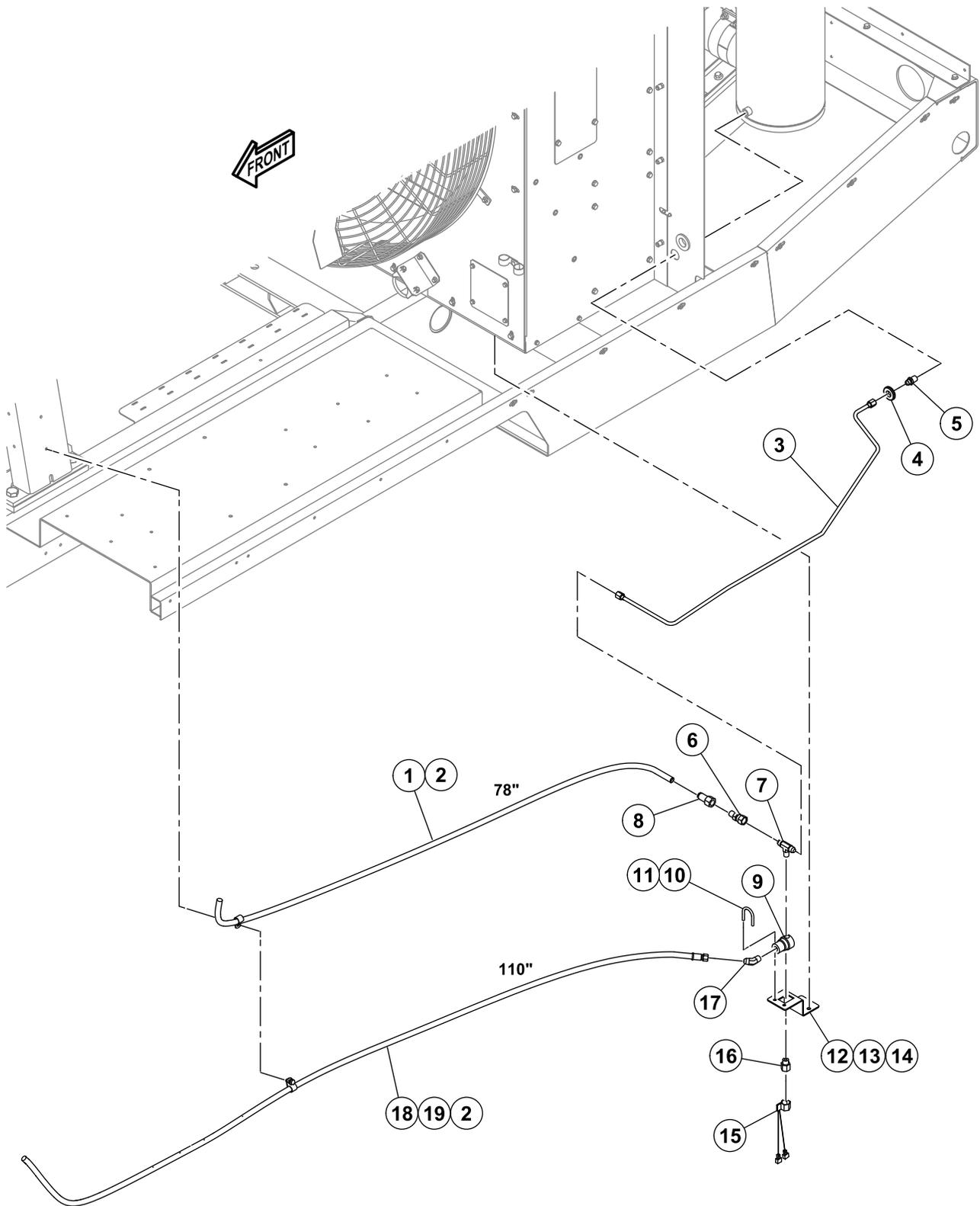
| ITEM | PART NO.   | DESCRIPTION                   | QTY | NOTES |
|------|------------|-------------------------------|-----|-------|
| 1    | 54700943   | LOUVER, AFTERCOOLER           | 1   |       |
| 2    | 35252600   | NUT, HEX                      | 8   |       |
| 3    | 46560839   | AFTERCOOLER, HP               | 1   |       |
|      | 46601399   | AFTERCOOLER, HP, PED          | 1   |       |
| 4    | 35144336   | SCREW, HEX FLANGE             | 8   |       |
| 5    | 46547816   | NIPPLE, HEX                   | 2   |       |
| 6    | 35322379   | VALVE, BLOWDOWN               | 2   |       |
| 7    | 35248319   | FITTING, ORIFICE              | 2   |       |
| 8    | 36841526   | HEATER, HEX 24 VDC            | 2   |       |
| 9    | 46548020   | ELBOW, 45°                    | 1   |       |
| 10   | 46607399   | HOSE, 39"                     | 2   |       |
| 11   | 23294820   | SENSOR, TEMPERATURE           | 1   |       |
| 12   | 46561719   | TUBE, AFTERCOOLER OUTLET      | 1   |       |
|      | 46614401   | TUBE, AFTERCOOLER OUTLET, PED | 1   |       |
| 13   | 95358040   | O-RING                        | 2   |       |
| 14   | 95929089   | SCREW, HEX                    | 8   |       |
| 15   | 36893220   | ADAPTER, FLAT FACE, FLANGE    | 1   |       |
| 16   | 46595719   | HOSE, 110"                    | 1   |       |
| 17   | 35279025   | SCREW, HEX                    | 1   |       |
| 18   | 35225077   | CLAMP, SUPPORT, RUBBER COATED | 1   |       |
| 19   | 46607825   | TEE, RUN SWIVEL               | 1   |       |
| 20   | 46607824   | TEE, RUN                      | 1   |       |
| 21   | 95923298   | NUT, HEX NYLON INSERT         | 2   |       |
| 22   | 95935029   | WASHER, FLAT                  | 4   |       |
| 23   | 36898096   | SCREW, HEX FLANGE             | 2   |       |
| 24   | 89297618   | SPACER                        | 2   |       |
| 25   | 46625461SB | BRACKET, LOUVER ACTUATOR      | 1   |       |
| 26   | 36898104   | NUT, HEX                      | 2   |       |
| 27   | 46628068   | SCREW, HEX                    | 2   |       |
| 28   | 36898310   | ACTUATOR, LINEAR              | 1   |       |

# SERVICE AIR, IQ, DRAIN LINES (PRIOR TO SN 486012)



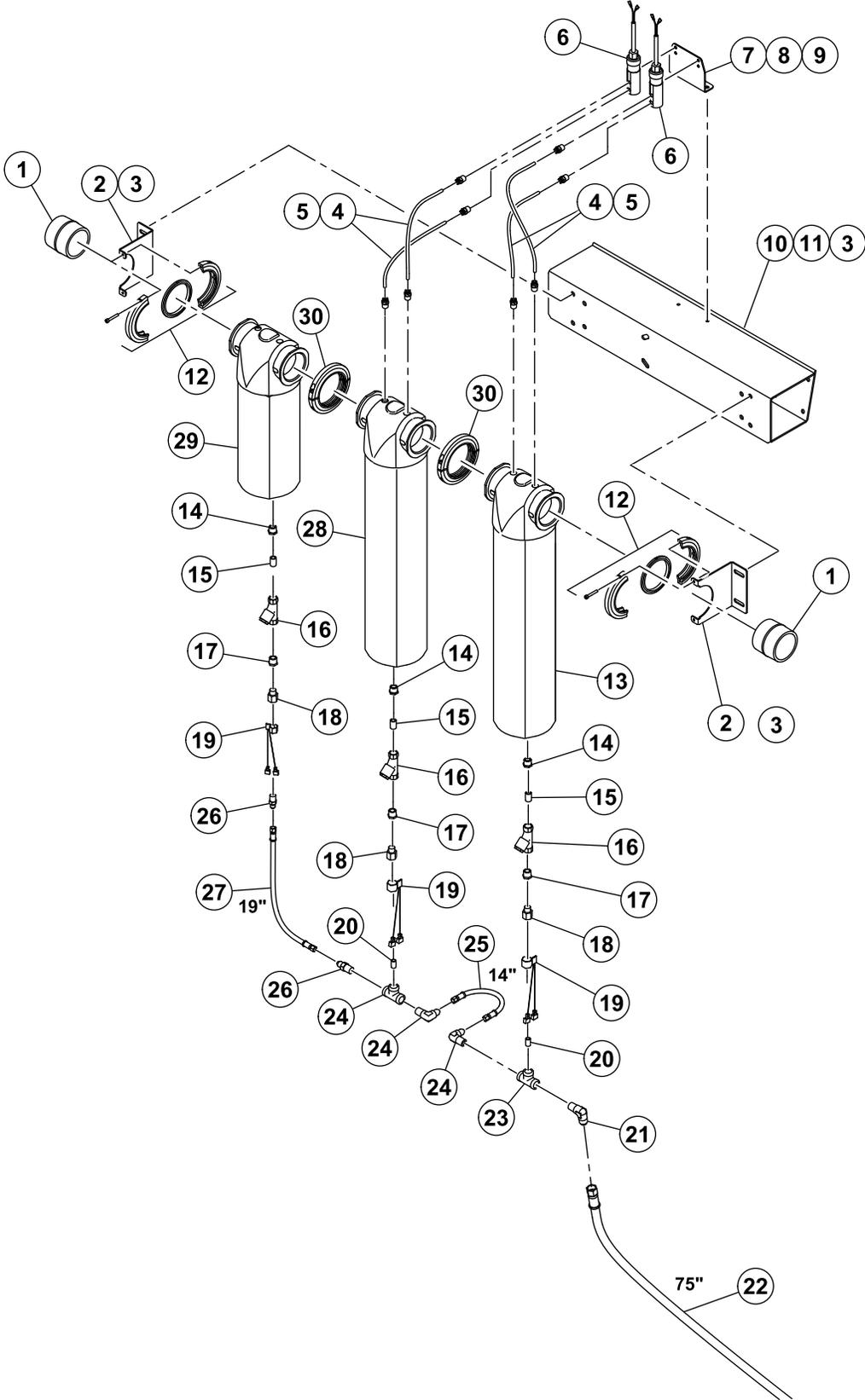
| ITEM | PART NO.   | DESCRIPTION                      | QTY | NOTES              |
|------|------------|----------------------------------|-----|--------------------|
| 1    | 46595800   | HOSE                             | 100 | MEASURED IN INCHES |
| 2    | 35225077   | CLAMP, SUPPORT, RUBBER COATED    | 2   |                    |
| 3    | 46651751   | TUBE, DRAIN VALVE TO MUFFLER     | 1   | TANDEM ONLY        |
| 4    | 35285162   | GROMMET                          | 1   |                    |
| 5    | 46593959   | CONNECTOR                        | 1   |                    |
| 6    | 46608803   | TEE, MALE                        | 1   |                    |
| 7    | 35322379   | VALVE, BLOWDOWN                  | 1   |                    |
| 8    | 35166404   | U-BOLT                           | 1   |                    |
| 9    | 35144492   | NUT, HEX NYLON INSERT            | 2   |                    |
| 10   | 46632179SA | BRACKET, BLOWDOWN VALVE MOUNTING | 1   |                    |
| 11   | 36881886   | NUT, HEX FLANGE                  | 2   |                    |
| 12   | 36889608   | SCREW, HEX FLANGE                | 2   |                    |
| 13   | 36841526   | HEATER, HEX 24VDC                | 1   |                    |
| 14   | 35322346   | FITTING, ORIFICE                 | 1   |                    |
| 15   | 46548020   | ELBOW, 45°                       | 1   |                    |
| 16   | 46595719   | HOSE                             | 110 | MEASURED IN INCHES |
| 17   | 35279025   | SCREW, HEX                       | 1   |                    |

# SERVICE AIR, IQ, DRAIN LINES



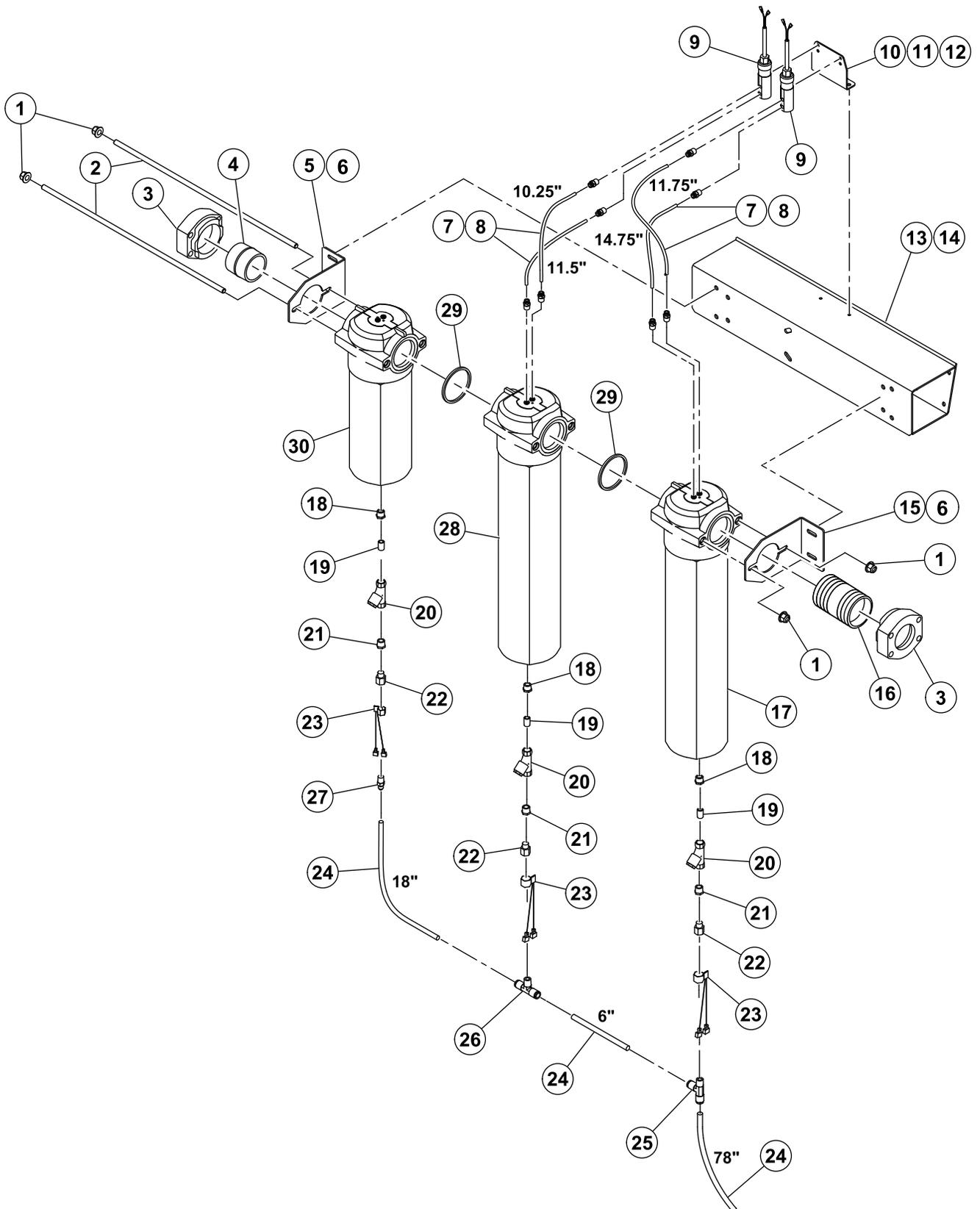
| ITEM | PART NO.   | DESCRIPTION                      | QTY | NOTES              |
|------|------------|----------------------------------|-----|--------------------|
| 1    | 35356484   | TUBING                           | 78  | MEASURED IN INCHES |
| 2    | 35225077   | CLAMP, SUPPORT, RUBBER COATED    | 2   |                    |
| 3    | 46651751   | TUBE, DRAIN VALVE TO MUFFLER     | 1   | TANDEM ONLY        |
|      | 46654753   | TUBE, DRAIN VALVE TO MUFFLER     | 1   | WAGON ONLY         |
| 4    | 35285162   | GROMMET                          | 1   |                    |
| 5    | 46593959   | CONNECTOR                        | 1   |                    |
| 6    | 46724025   | CONNECTOR                        | 1   |                    |
| 7    | 46608803   | TEE, MALE                        | 1   |                    |
| 8    | 35369339   | CONNECTOR                        | 1   |                    |
| 9    | 35322379   | VALVE, BLOWDOWN                  | 1   |                    |
| 10   | 35166404   | U-BOLT                           | 1   |                    |
| 11   | 35144492   | NUT, HEX NYLON INSERT            | 2   |                    |
| 12   | 46632179SA | BRACKET, BLOWDOWN VALVE MOUNTING | 1   |                    |
| 13   | 36881886   | NUT, HEX FLANGE                  | 2   |                    |
| 14   | 36889608   | SCREW, HEX FLANGE                | 2   |                    |
| 15   | 36841526   | HEATER, HEX 24 VDC               | 1   |                    |
| 16   | 35322346   | FITTING, ORIFICE                 | 1   |                    |
| 17   | 46548020   | ELBOW, 45°                       | 1   |                    |
| 18   | 46595719   | HOSE                             | 110 | MEASURED IN INCHES |
| 19   | 35279025   | SCREW, HEX                       | 1   |                    |

SERVICE AIR, IQ, FILTERS AND MOISTURE SEPARATOR (PRIOR TO SN 486012)



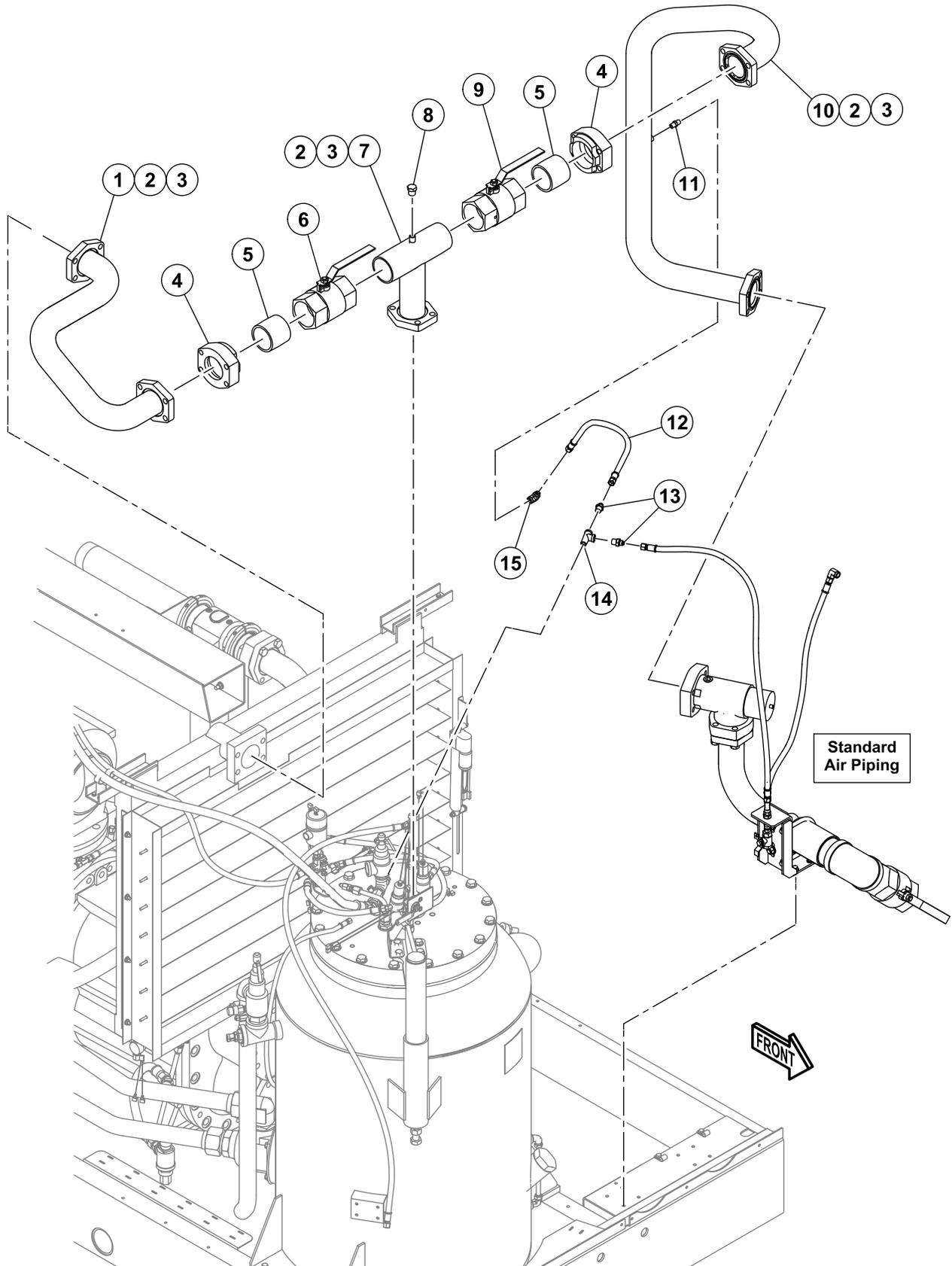
| ITEM | PART NO.   | DESCRIPTION                    | QTY  | NOTES              |
|------|------------|--------------------------------|------|--------------------|
| 1    | 95940946   | NIPPLE, 3.00 NPT               | 2    |                    |
| 2    | 46666345SB | BRACKET, HP IQ FILTER MOUNTING | 2    |                    |
| 3    | 36880995   | SCREW, HEX FLANGE              | 8    |                    |
| 4    | 35333715   | TUBING                         | 48.3 | MEASURED IN INCHES |
| 5    | 35614510   | CONNECTOR, BRASS               | 8    |                    |
| 6    | 36899599   | INDICATOR, DIF 20PSI           | 2    |                    |
| 7    | 46651375SB | BRACKET, PRESSURE INDICATOR    | 1    |                    |
| 8    | 35136423   | SCREW, HEX                     | 4    |                    |
| 9    | 35279025   | SCREW, HEX TAPPING             | 2    |                    |
| 10   | 46585559SB | BRACKET, IQ FILTER MOUNTING    | 1    |                    |
| 11   | 36879195   | NUT, HEX FLANGE                | 8    |                    |
| 12   | 23187339   | CLAMP, #5 SPACER               | 2    |                    |
| 13   | 23178940   | FILTER, SECONDARY              | 1    |                    |
| 14   | 95245353   | BUSHING, REDUCER               | 3    |                    |
| 15   | 95772562   | NIPPLE                         | 3    |                    |
| 16   | 46612699   | Y-STRAINER                     | 3    |                    |
| 17   | 46547915   | BUSHING, REDUCER               | 3    |                    |
| 18   | 37081528   | FITTING, ORIFICE               | 3    |                    |
| 19   | 36841526   | HEATER, 24 VDC                 | 3    |                    |
| 20   | 95452025   | NIPPLE, SHORT                  | 2    |                    |
| 21   | 46547881   | ELBOW, 90°                     | 1    |                    |
| 22   | 46656763   | HOSE, W/ BRASS ENDS            | 75   | MEASURED IN INCHES |
| 23   | 36882223   | TEE, PIPE                      | 2    |                    |
| 24   | 46547980   | ELBOW, 90°                     | 2    |                    |
| 25   | 46595720   | HOSE                           | 14   | MEASURED IN INCHES |
| 26   | 35283472   | CONNECTOR                      | 2    |                    |
| 27   | 46595721   | HOSE                           | 19   | MEASURED IN INCHES |
| 28   | 23178932   | FILTER, PRIMARY                | 1    |                    |
| 29   | 23178924   | SEPARATOR, MOISTURE            | 1    |                    |
| 30   | 23181597   | CLAMP, W/O-RING                | 2    |                    |
|      | 46674252   | HARNES, IQ OPTION              | 1    | NOT SHOWN          |

# SERVICE AIR, IQ, FILTERS AND MOISTURE SEPARATOR



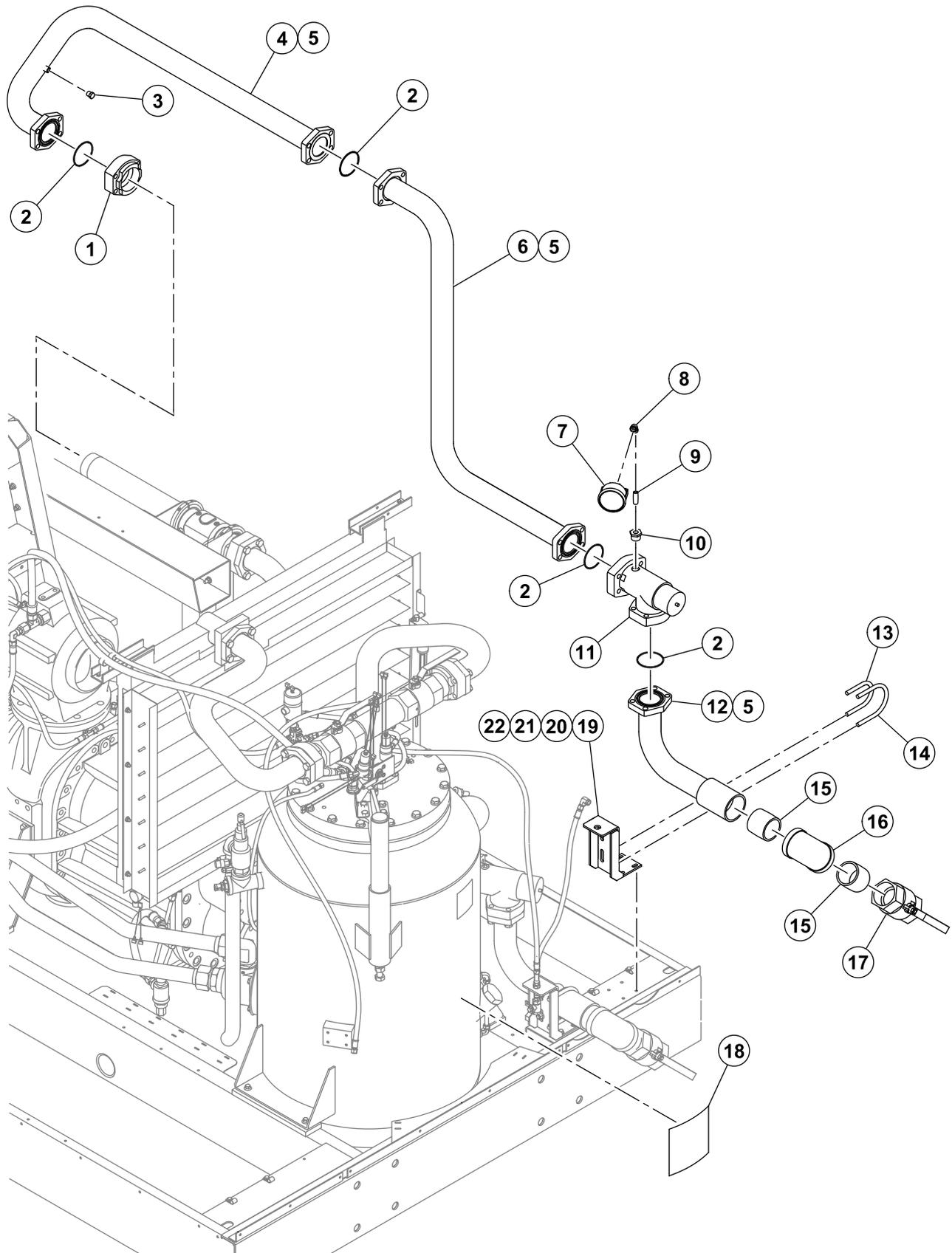
| ITEM | PART NO.   | DESCRIPTION                    | QTY  | NOTES              |
|------|------------|--------------------------------|------|--------------------|
| 1    | 36879203   | NUT, HEX                       | 4    |                    |
| 2    | 46748005   | ROD, ALL THREAD                | 2    |                    |
| 3    | 36893220   | ADAPTER, 3NPT                  | 2    |                    |
| 4    | 95940946   | NIPPLE, 3.0 NPT                | 3    |                    |
| 5    | 46699110SB | BRACKET, HP IQ FILTER MOUNTING | 1    |                    |
| 6    | 36880995   | SCREW, HEX FLANGE              | 8    |                    |
| 7    | 35333715   | TUBING                         | 48.3 | MEASURED IN INCHES |
| 8    | 35614510   | CONNECTOR, BRASS               | 8    |                    |
| 9    | 36899599   | INDICATOR, DIF 20PSI           | 2    |                    |
| 10   | 46651375SB | BRACKET, PRESSURE INDICATOR    | 1    |                    |
| 11   | 35136423   | SCREW, HEX                     | 4    |                    |
| 12   | 35279025   | SCREW, HEX TAPPING             | 2    |                    |
| 13   | 46585559SB | BRACKET, IQ FILTER MOUNTING    | 1    |                    |
| 14   | 36879195   | NUT, HEX FLANGE                | 8    |                    |
| 15   | 46708605SB | BRACKET, HP IQ FILTER MOUNTING | 1    |                    |
| 16   | 46731925   | NIPPLE, 4-1/2"                 | 1    |                    |
| 17   | 46699107   | FILTER, SECONDARY              | 1    |                    |
| 18   | 95245353   | BUSHING, REDUCER               | 3    |                    |
| 19   | 95772562   | NIPPLE                         | 3    |                    |
| 20   | 46612699   | Y-STRAINER                     | 3    |                    |
| 21   | 46547915   | BUSHING, REDUCER               | 3    |                    |
| 22   | 37081528   | FITTING, ORIFICE               | 3    |                    |
| 23   | 36841526   | HEATER, 24 VDC                 | 3    |                    |
| 24   | 35356484   | TUBING                         | 102  | MEASURED IN INCHES |
| 25   | 35369503   | TEE, PIPE 1/4"                 | 1    |                    |
| 26   | 35373976   | TEE, PIPE 1/4"                 | 14   | MEASURED IN INCHES |
| 27   | 35369347   | CONNECTOR                      | 2    |                    |
| 28   | 46699105   | FILTER, PRIMARY                | 1    |                    |
| 29   | 46728065   | GASKET, IQ FILTER              | 1    |                    |
| 30   | 46699104   | SEPARATOR, MOISTURE            | 1    |                    |
|      | 46674252   | HARNESS, IQ OPTION             | 1    | NOT SHOWN          |

# SERVICE AIR, AC, AFTERCOOLER INLET, PIPING



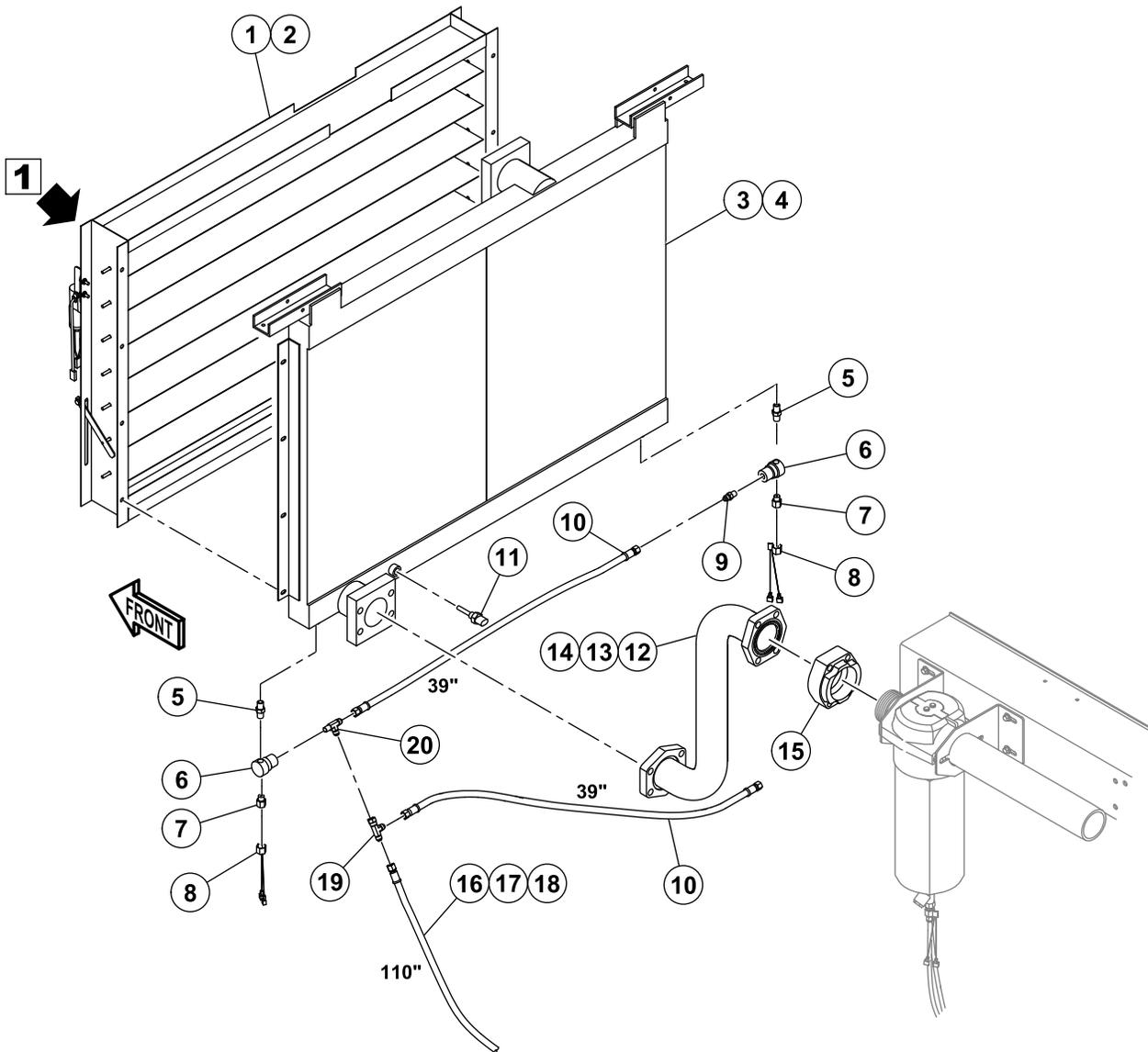
| ITEM | PART NO. | DESCRIPTION                       | QTY | NOTES |
|------|----------|-----------------------------------|-----|-------|
| 1    | 46561039 | TUBE, AFTERCOOLER INLET           | 1   |       |
|      | 46614400 | TUBE, AFTERCOOLER, INLET, HP, PED | 1   |       |
| 2    | 95929089 | SCREW, HEX                        | 20  |       |
| 3    | 95358040 | O-RING                            | 5   |       |
| 4    | 36893220 | ADAPTER, FLAT FACE, FLANGE        | 2   |       |
| 5    | 95940946 | NIPPLE, EXTRA STRONG              | 2   |       |
| 6    | 36922995 | VALVE, BALL, 3" LOCKABLE          | 1   |       |
|      | 22225221 | VALVE, BALL, 3" LOCKABLE          | 1   |       |
| 7    | 46674062 | TEE, SERVICE AIR 3"               | 1   |       |
|      | 46557999 | TEE, SERVICE AIR 3", PED          | 1   |       |
| 8    | 95954038 | PLUG, HEX                         | 1   |       |
| 9    | 36755718 | VALVE, BALL, 3"                   | 1   |       |
|      | 22225213 | VALVE, BALL, 3", PED              | 1   |       |
| 10   | 22104558 | TUBE, IQ AIR BY-PASS              | 1   |       |
|      | 22205181 | TUBE, IQ AIR BY-PASS, PED         | 1   |       |
| 11   | 35248145 | VALVE, CHECK                      | 1   |       |
| 12   | 35322502 | HOSE, 22"                         | 1   |       |
| 13   | 35290147 | CONNECTOR                         | 2   |       |
| 14   | 95764767 | TEE, RUN                          | 1   |       |
| 15   | 35280098 | ELBOW, 90°                        | 1   |       |

# SERVICE AIR, AC, FILTRATION OUTLET, PIPING

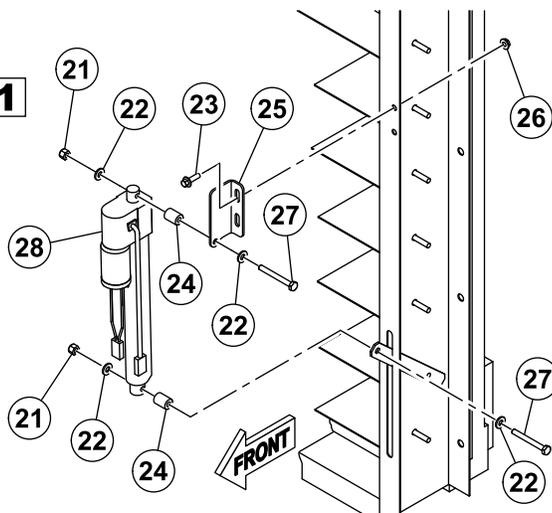


| ITEM | PART NO. | DESCRIPTION                                      | QTY | NOTES |
|------|----------|--|-----|-------|
| 1    | 36893220 | ADAPTER, FLAT FACE, FLANGE                       | 1   |       |
| 2    | 95358040 | O-RING   | 4   |       |
| 3    | 95954038 | PLUG,, HEX                                       | 1   |       |
| 4    | 46556499 | TUBE, IQ FILTER                                  | 1   |       |
|      | 46614402 | TUBE, IQ FILTER, PED                             | 1   |       |
| 5    | 95929089 | SCREW,, HEX                                      | 16  |       |
| 6    | 46557144 | TUBE, IQ FILTER TUBE TO MIN. PRESSURE VALVE      | 1   |       |
|      | 46614403 | TUBE, IQ FILTER TUBE TO MIN. PRESSURE VALVE, PED | 1   |       |
| 7    | 46558799 | GAUGE, PRESSURE, 0 - 250 PSI                     | 1   |       |
| 8    | 95954095 | ELBOW, 90°                                       | 1   |       |
| 9    | 95944567 | NIPPLE, SHORT                                    | 1   |       |
| 10   | 95944633 | GAUGE, PRESSURE, 0 - 250 PSI                     | 1   |       |
| 11   | 54642152 | VALVE, CHECK, 3" MINIMUM PRESSURE                | 2   |       |
|      | 22207534 | VALVE, CHECK, 3" MINIMUM PRESSURE                | 2   |       |
| 12   | 46561941 | TUBE, SERVICE AIR                                | 2   |       |
|      | 46614404 | TUBE, SERVICE AIR, 3", PED                       | 2   |       |
| 13   | 35586288 | U-BOLT   | 1   |       |
| 14   | 36799419 | U-BOLT   | 1   |       |
| 15   | 95940946 | NIPPLE, EXTRA STRONG, PIPE                       | 2   |       |
| 16   | 95941027 | ELBOW, 90°                                       | 1   |       |
| 17   | 36755718 | VALVE, BALL, 3"                                  | 1   |       |
|      | 22225213 | VALVE, BALL, 3", NPT, PED                        | 1   |       |
| 18   | 46607442 | DECAL, AC OPERATION DIAGRAM                      | 1   |       |
| 19   | 54668314 | BRACKET, SERVICE PIPE MOUNTING                   | 1   |       |
| 20   | 35130293 | SCREW, TAPPING                                   | 4   |       |
| 21   | 95922902 | NUT, HEX   | 4   |       |
| 22   | 95935003 | WASHER, FLAT                                     | 4   |       |

# SERVICE AIR, AC, AFTERCOOLER PIPING

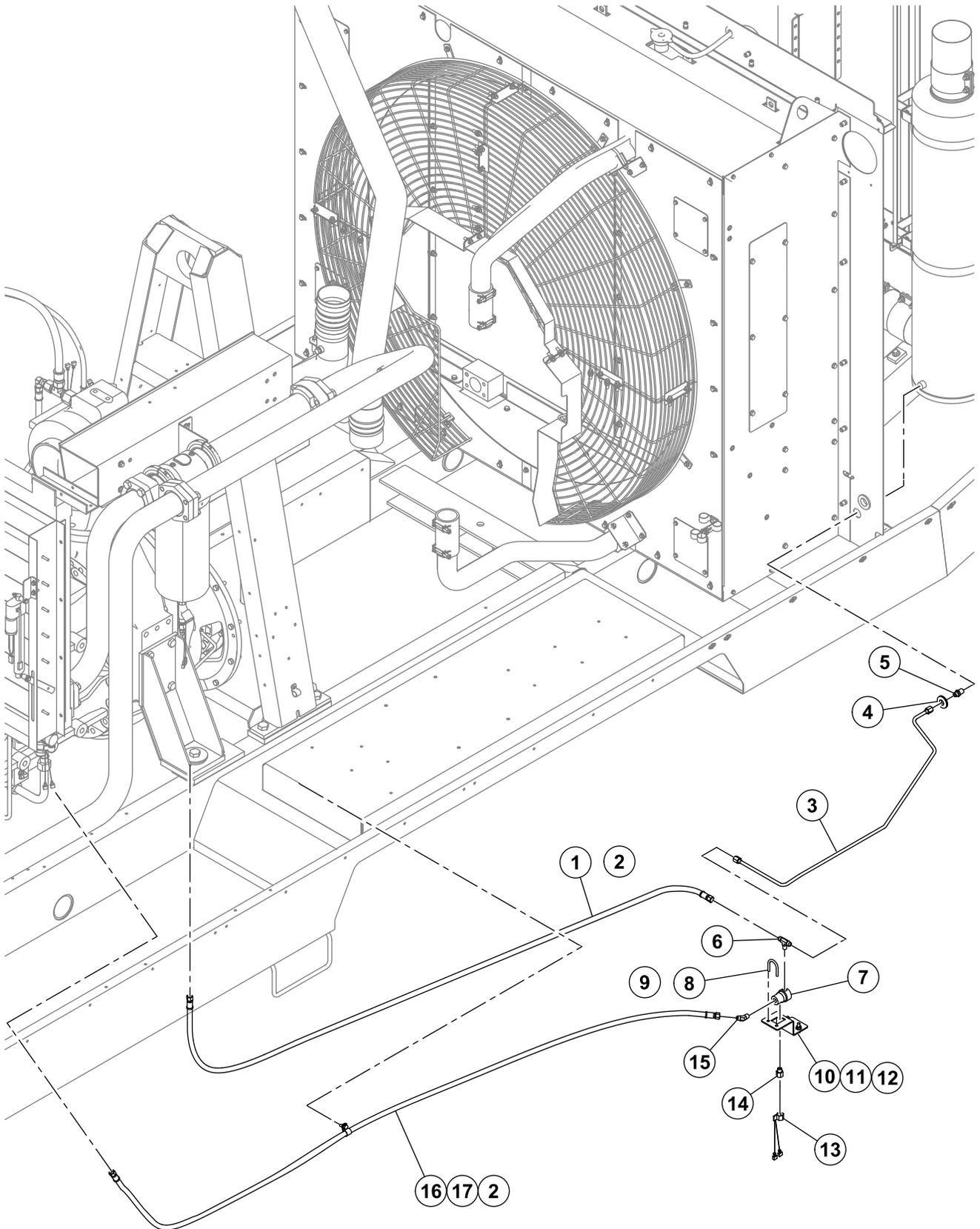


## DETAIL 1



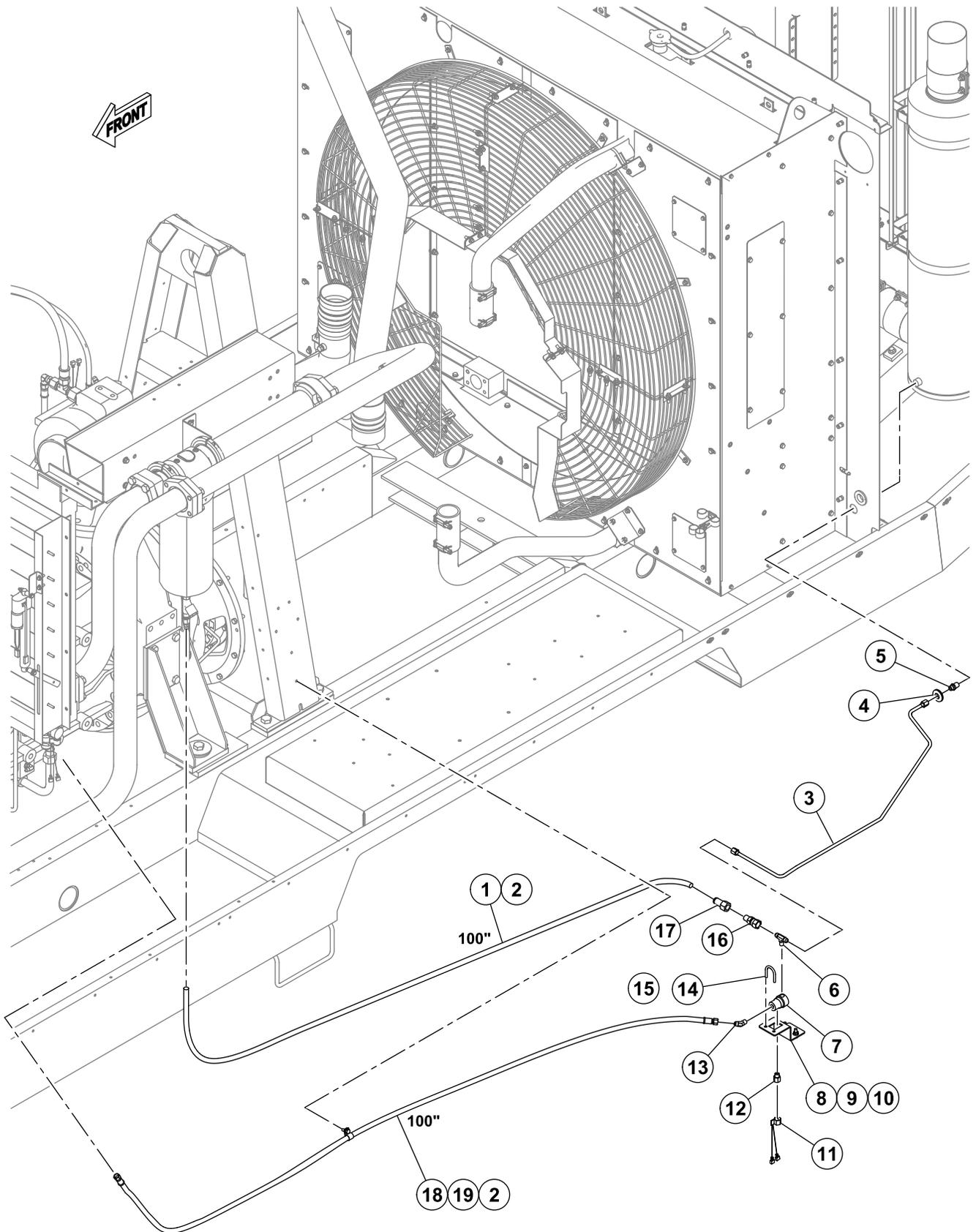
| ITEM | PART NO.   | DESCRIPTION                   | QTY | NOTES              |
|------|------------|-------------------------------|-----|--------------------|
| 1    | 54700943   | LOUVER, AFTERCOOLER           | 1   |                    |
| 2    | 35252600   | NUT, HEX                      | 8   |                    |
| 3    | 46560839   | AFTERCOOLER, HP               | 1   |                    |
|      | 46601399   | AFTERCOOLER, HP, PED          | 1   |                    |
| 4    | 35144336   | SCREW, HEX FLANGE             | 8   |                    |
| 5    | 46547816   | NIPPLE, HEX                   | 2   |                    |
| 6    | 35322379   | VALVE, BLOWDOWN               | 2   |                    |
| 7    | 35248319   | FITTING, ORIFICE              | 2   |                    |
| 8    | 36841526   | HEATER, 24 VDC                | 2   |                    |
| 9    | 46548020   | ELBOW, 45°                    | 1   |                    |
| 10   | 46607399   | HOSE                          | 39  | MEASURED IN INCHES |
| 11   | 23294820   | SENSOR, TEMPERATURE           | 1   |                    |
| 12   | 46561719   | TUBE, AFTERCOOLER OUTLET      | 1   |                    |
|      | 46614401   | TUBE, AFTERCOOLER OUTLET, PED | 1   |                    |
| 13   | 95358040   | O-RING                        | 2   |                    |
| 14   | 95929089   | SCREW, HEX                    | 8   |                    |
| 15   | 36893220   | ADAPTER, FLAT-FACE FLANGE     | 1   |                    |
| 16   | 46595719   | HOSE                          | 110 | MEASURED IN INCHES |
| 17   | 35279025   | SCREW, HEX                    | 1   |                    |
| 18   | 35225077   | CLAMP, SUPPORT, RUBBER COATED | 1   |                    |
| 19   | 46607825   | TEE, SWIVEL                   | 1   |                    |
| 20   | 46607824   | TEE, RUN                      | 1   |                    |
| 21   | 95923298   | NUT, HEX NYLON INSERT         | 2   |                    |
| 22   | 95935029   | WASHER, FLAT                  | 4   |                    |
| 23   | 36898096   | SCREW, HEX FLANGE             | 2   |                    |
| 24   | 89297618   | SPACER                        | 2   |                    |
| 25   | 46625461SB | BRACKET, LOUVER ACTUATOR      | 1   |                    |
| 26   | 36898104   | NUT, HEX                      | 2   |                    |
| 27   | 46628068   | SCREW, HEX                    | 2   |                    |
| 28   | 36898310   | ACTUATOR, LINEAR              | 1   |                    |

# SERVICE AIR, AC, DRAIN LINES (PRIOR TO SN 486012)



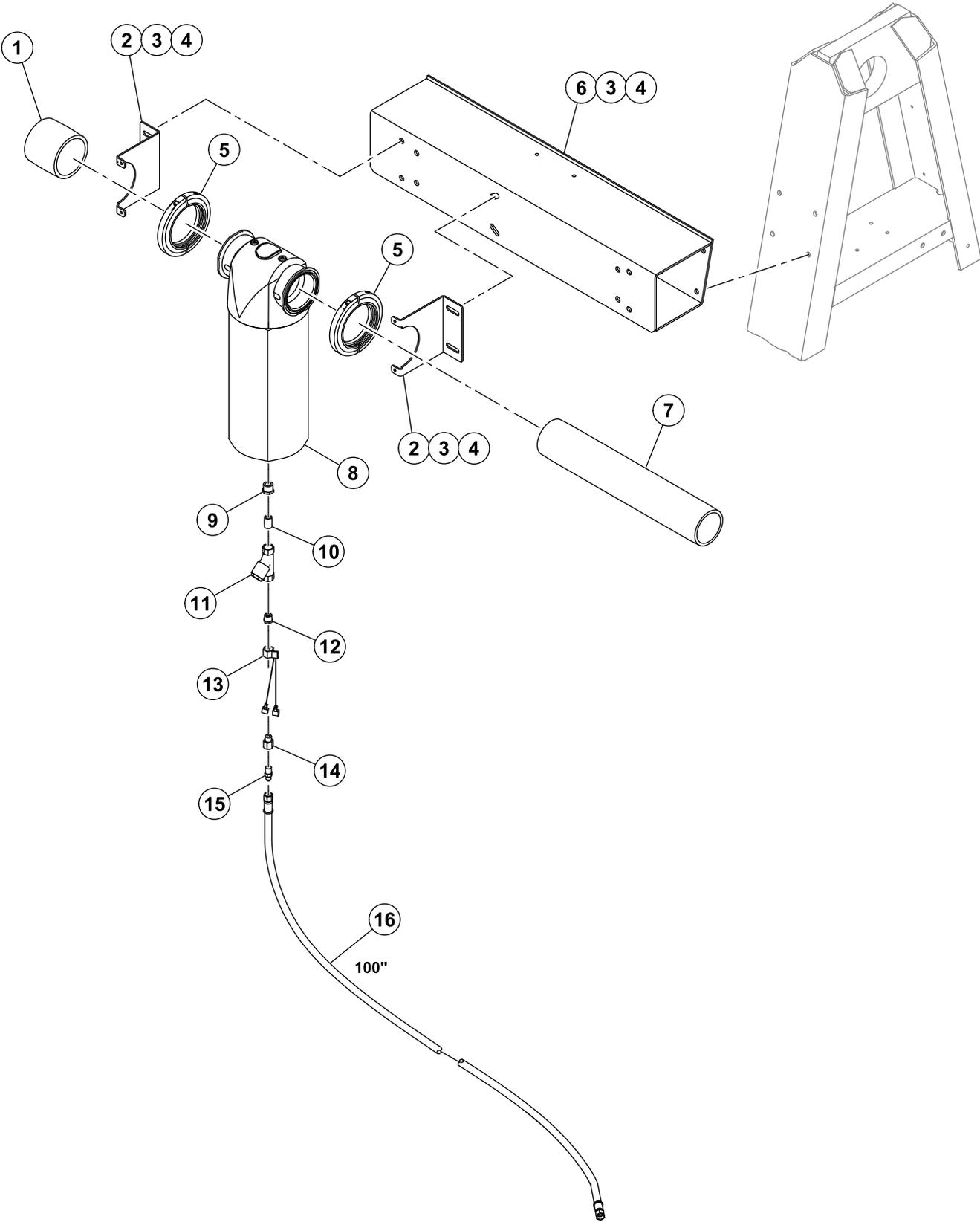
| ITEM | PART NO.   | DESCRIPTION                      | QTY | NOTES              |
|------|------------|----------------------------------|-----|--------------------|
| 1    | 46595800   | HOSE                             | 100 | MEASURED IN INCHES |
| 2    | 35225077   | CLAMP, SUPPORT, RUBBER COATED    | 2   |                    |
| 3    | 46651751   | TUBE, DRAIN VALVE TO MUFFLER     | 1   |                    |
| 4    | 35285162   | GROMMET                          | 1   |                    |
| 5    | 46593959   | CONNECTOR                        | 1   |                    |
| 6    | 46608803   | TEE, MALE                        | 1   |                    |
| 7    | 35322379   | VALVE, BLOWDOWN                  | 1   |                    |
| 8    | 35166404   | U-BOLT                           | 1   |                    |
| 9    | 35144492   | NUT, HEX NYLON INSERT            | 2   |                    |
| 10   | 46632179SA | BRACKET, BLOWDOWN VALVE MOUNTING | 1   |                    |
| 11   | 36881886   | NUT, HEX FLANGE                  | 2   |                    |
| 12   | 36889608   | SCREW, HEX FLANGE                | 2   |                    |
| 13   | 36841526   | HEATER, 24 VDC                   | 1   |                    |
| 14   | 35322346   | FITTING, ORIFICE                 | 1   |                    |
| 15   | 46548020   | ELBOW, 45°                       | 1   |                    |
| 16   | 46595719   | HOSE                             | 110 | MEASURED IN INCHES |
| 17   | 35279025   | SCREW, HEX                       | 1   |                    |

# SERVICE AIR, AC, DRAIN LINES



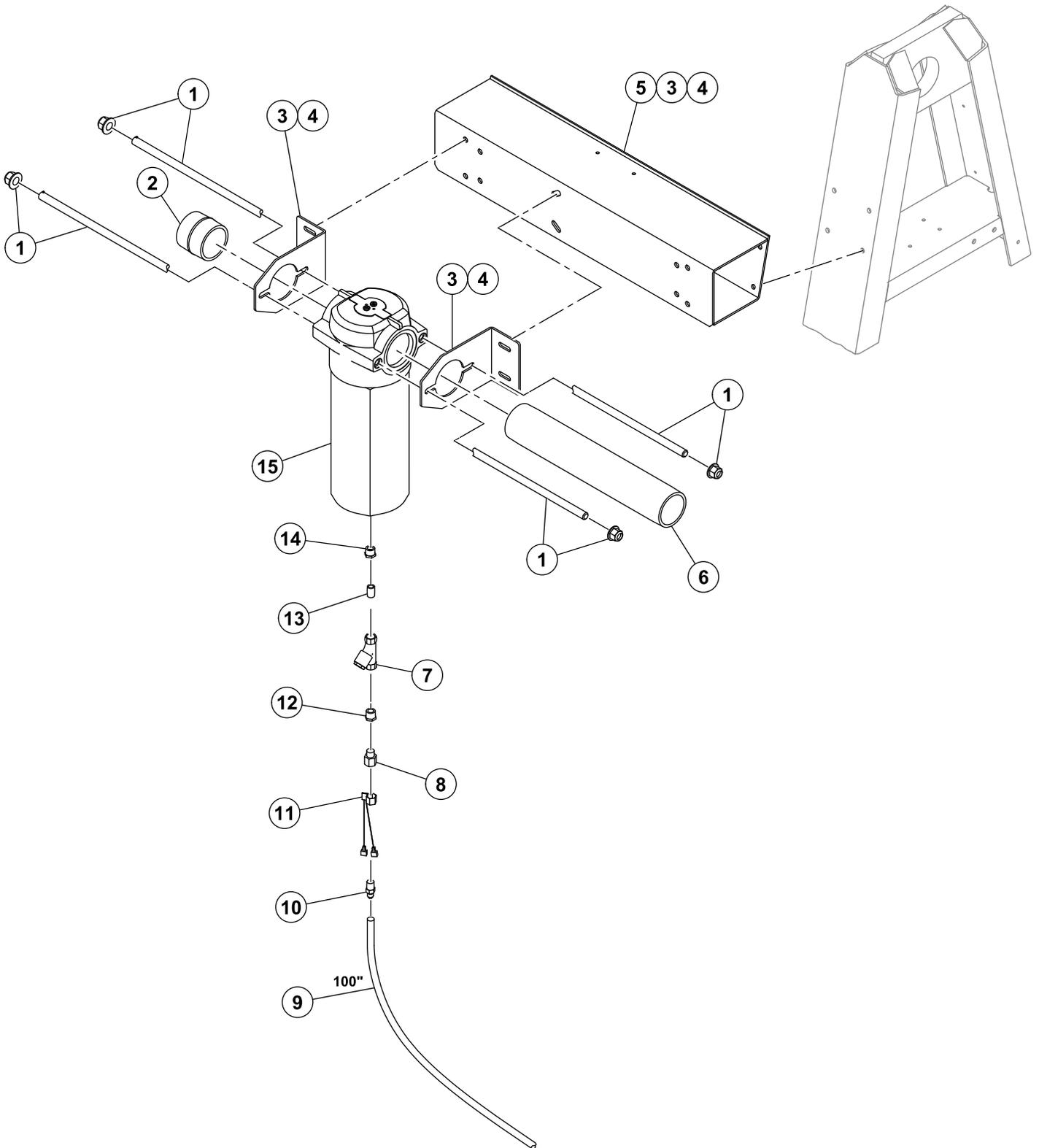
| ITEM | PART NO.   | DESCRIPTION                      | QTY | NOTES              |
|------|------------|----------------------------------|-----|--------------------|
| 1    | 35356484   | TUBING                           | 100 | MEASURED IN INCHES |
| 2    | 35225077   | CLAMP, SUPPORT, RUBBER COATED    | 2   |                    |
| 3    | 46651751   | TUBE, DRAIN VALVE TO MUFFLER     | 1   |                    |
| 4    | 35285162   | GROMMET                          | 1   |                    |
| 5    | 46593959   | CONNECTOR                        | 1   |                    |
| 6    | 46608803   | TEE, MALE                        | 1   |                    |
| 7    | 35322379   | VALVE, BLOWDOWN                  | 1   |                    |
| 8    | 46632179SA | BRACKET, BLOWDOWN VALVE MOUNTING | 1   |                    |
| 9    | 36881886   | NUT, HEX FLANGE                  | 2   |                    |
| 10   | 36889608   | SCREW, HEX FLANGE                | 2   |                    |
| 11   | 36841526   | HEATER, 24 VDC                   | 1   |                    |
| 12   | 35322346   | FITTING, ORIFICE                 | 1   |                    |
| 13   | 46548020   | ELBOW, 45°                       | 1   |                    |
| 14   | 35166404   | U-BOLT                           | 1   |                    |
| 15   | 35144492   | NUT, HEX NYLON INSERT            | 2   |                    |
| 16   | 46724025   | CONNECTOR                        | 1   |                    |
| 17   | 35369339   | CONNECTOR                        | 1   |                    |
| 18   | 46595719   | HOSE                             | 100 | MEASURED IN INCHES |
| 19   | 35279025   | SCREW, HEX                       | 1   |                    |

**SERVICE AIR, AC MOISTURE SEPARATOR (PRIOR TO SN 486012)**



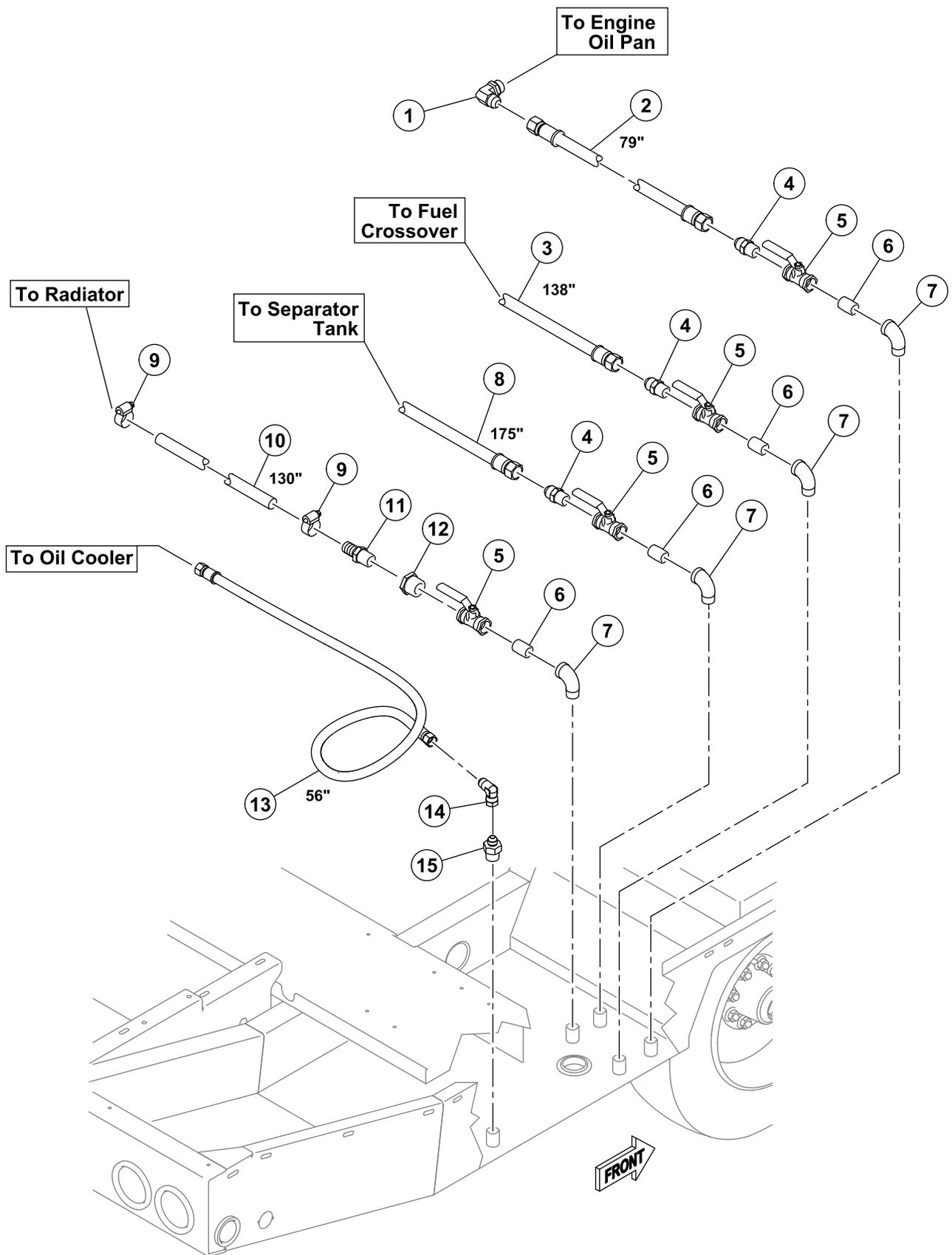
| ITEM | PART NO.   | DESCRIPTION                    | QTY | NOTES              |
|------|------------|--------------------------------|-----|--------------------|
| 1    | 95940946   | NIPPLE, 3.00 NPT               | 1   |                    |
| 2    | 46666345SB | BRACKET, HP IQ FILTER MOUNTING | 2   |                    |
| 3    | 36880995   | SCREW, HEX FLANGE              | 8   |                    |
| 4    | 36879195   | NUT, HEX FLANGE                | 8   |                    |
| 5    | 23187339   | CLAMP, #5 SPACER               | 2   |                    |
| 6    | 46585559SB | BRACKET, IQ FILTER MOUNTING    | 1   |                    |
| 7    | 46552078   | NIPPLE, SCHEDULE 80            | 1   |                    |
| 8    | 23178924   | SEPARATOR, MOISTURE            | 1   |                    |
| 9    | 95245353   | BUSHING, REDUCER               | 1   |                    |
| 10   | 95772562   | NIPPLE                         | 1   |                    |
| 11   | 46612699   | Y-STRAINER                     | 1   |                    |
| 12   | 46547915   | BUSHING, REDUCER               | 1   |                    |
| 13   | 36841526   | HEATER, 24 VDC                 | 1   |                    |
| 14   | 37081528   | FITTING, ORIFICE               | 1   |                    |
| 15   | 46547956   | CONNECTOR                      | 1   |                    |
| 16   | 46595800   | HOSE                           | 100 | MEASURED IN INCHES |
|      | 46674248   | HARNESS, AC OPTION             | 1   | NOT SHOWN          |

# SERVICE AIR, AC MOISTURE SEPARATOR



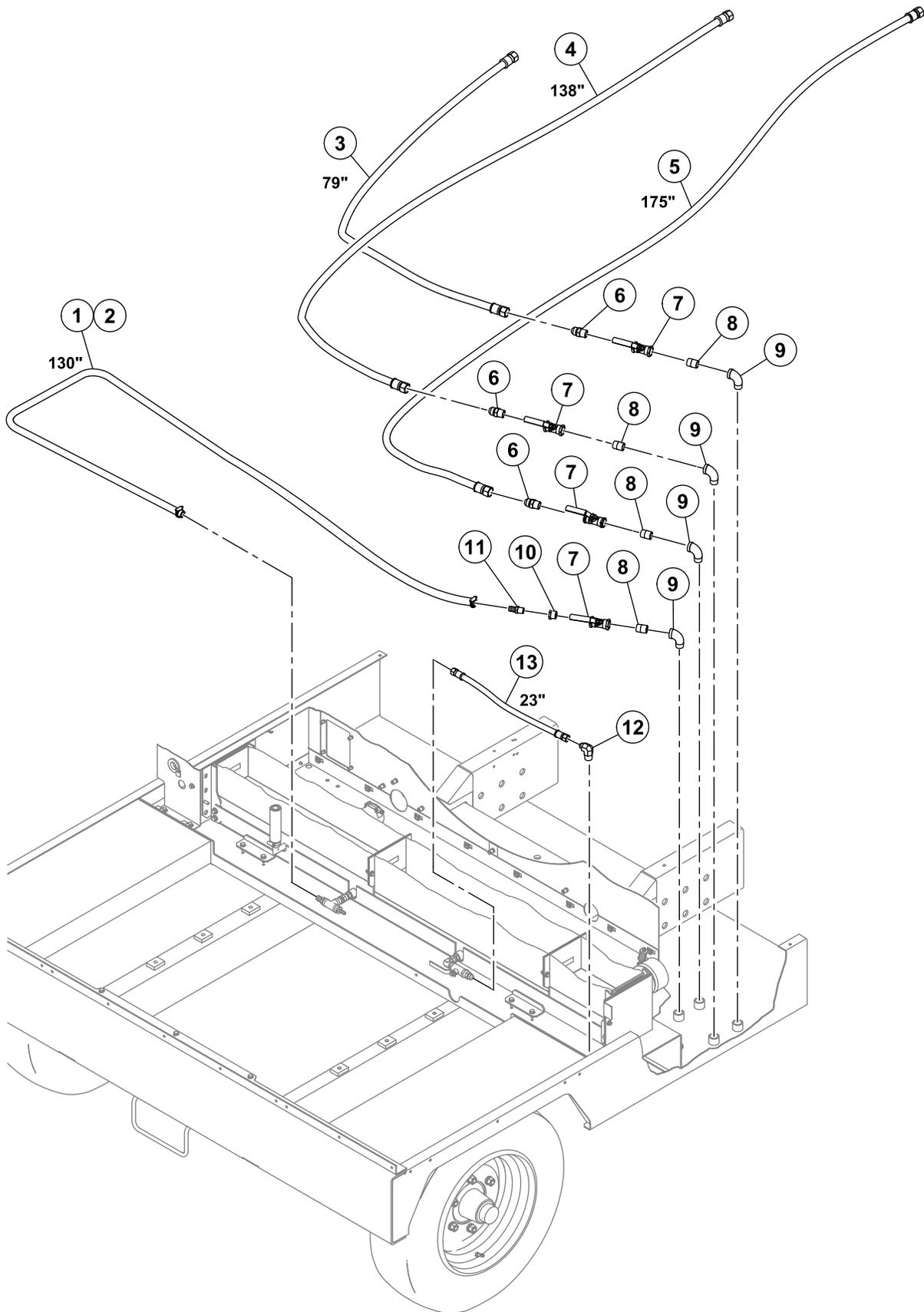
| ITEM | PART NO.   | DESCRIPTION                              | QTY | NOTES              |
|------|------------|--|-----|--------------------|
| 1    | 46732465   | KIT, HP1600 WATER SEPARATOR,<br>MOUNTING | 1   |                    |
| 2    | 46732048   | NIPPLE                                   | 1   |                    |
| 3    | 46699110SB | BRACKET, IQ FILTER MOUNTING              | 2   |                    |
| 4    | 36880995   | SCREW, HEX FLANGE                        | 8   |                    |
| 5    | 46585559SB | BRACKET, IQ FILTER MOUNTING              | 1   |                    |
| 6    | 46552078   | NIPPLE, SCHEDULE 80                      | 1   |                    |
| 7    | 46612699   | Y-STRAINER                               | 1   |                    |
| 8    | 37081528   | FITTING, ORIFICE                         | 1   |                    |
| 9    | 35356484   | TUBING                                   | 100 | MEASURED IN INCHES |
| 10   | 35369347   | CONNECTOR                                | 1   |                    |
| 11   | 36841526   | HEATER, 24 VDC                           | 1   |                    |
| 12   | 46547915   | BUSHING, REDUCER                         | 1   |                    |
| 13   | 95772562   | NIPPLE                                   | 1   |                    |
| 14   | 95245353   | BUSHING                                  | 1   |                    |
| 15   | 46699104   | SEPARATOR, MOISTURE                      | 1   |                    |
|      | 46674248   | HARNESS, AC OPTION                       | 1   | NOT SHOWN          |

# CENTRAL DRAINS, TANDEM



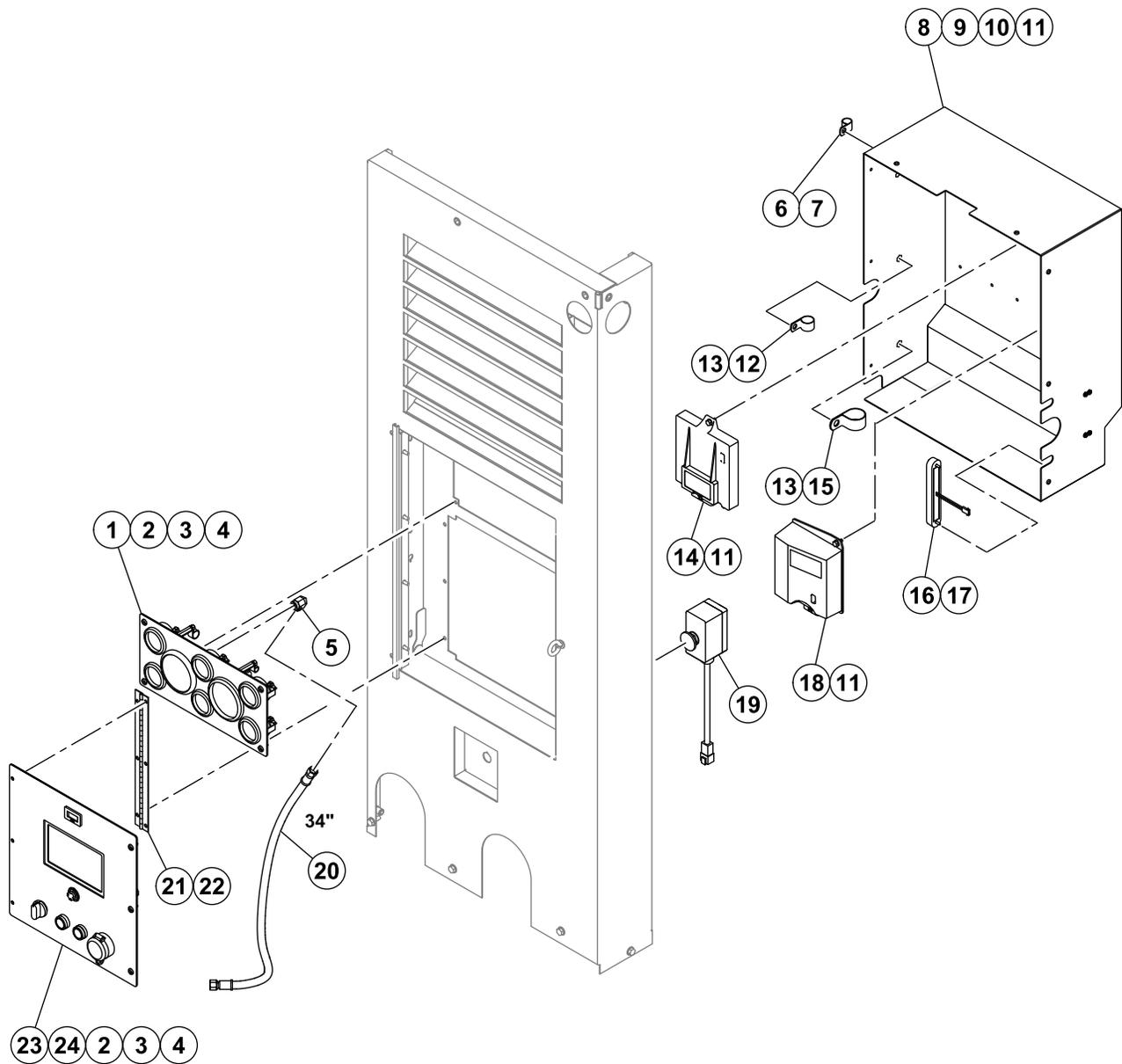
| ITEM | PART NO. | DESCRIPTION             | QTY | NOTES              |
|------|----------|-------------------------|-----|--------------------|
| 1    | 22063937 | ELBOW, 90°              | 1   |                    |
| 2    | 35323880 | HOSE                    | 79  | MEASURED IN INCHES |
| 3    | 36898328 | HOSE                    | 138 | MEASURED IN INCHES |
| 4    | 95219747 | CONNECTOR               | 3   |                    |
| 5    | 35576115 | VALVE, BALL             | 4   |                    |
| 6    | 95928040 | NIPPLE, PIPE            | 4   |                    |
| 7    | 95928172 | ELBOW, 90°              | 4   |                    |
| 8    | 36878254 | HOSE                    | 175 | MEASURED IN INCHES |
| 9    | 46641379 | CLAMP, HOSE             | 2   |                    |
| 10   | 46652351 | HOSE, SILICONE, COOLANT | 130 | MEASURED IN INCHES |
| 11   | 35326560 | ADAPTER, HEATER HOSE    | 1   |                    |
| 12   | 95953949 | BUSHING, REDUCER        | 1   |                    |
| 13   | 35306679 | HOSE                    | 56  | MEASURED IN INCHES |
| 14   | 35287911 | ELBOW, 90°, SWIVEL      | 1   |                    |
| 15   | 95219739 | CONNECTOR               | 1   |                    |

# CENTRAL DRAINS, WAGON



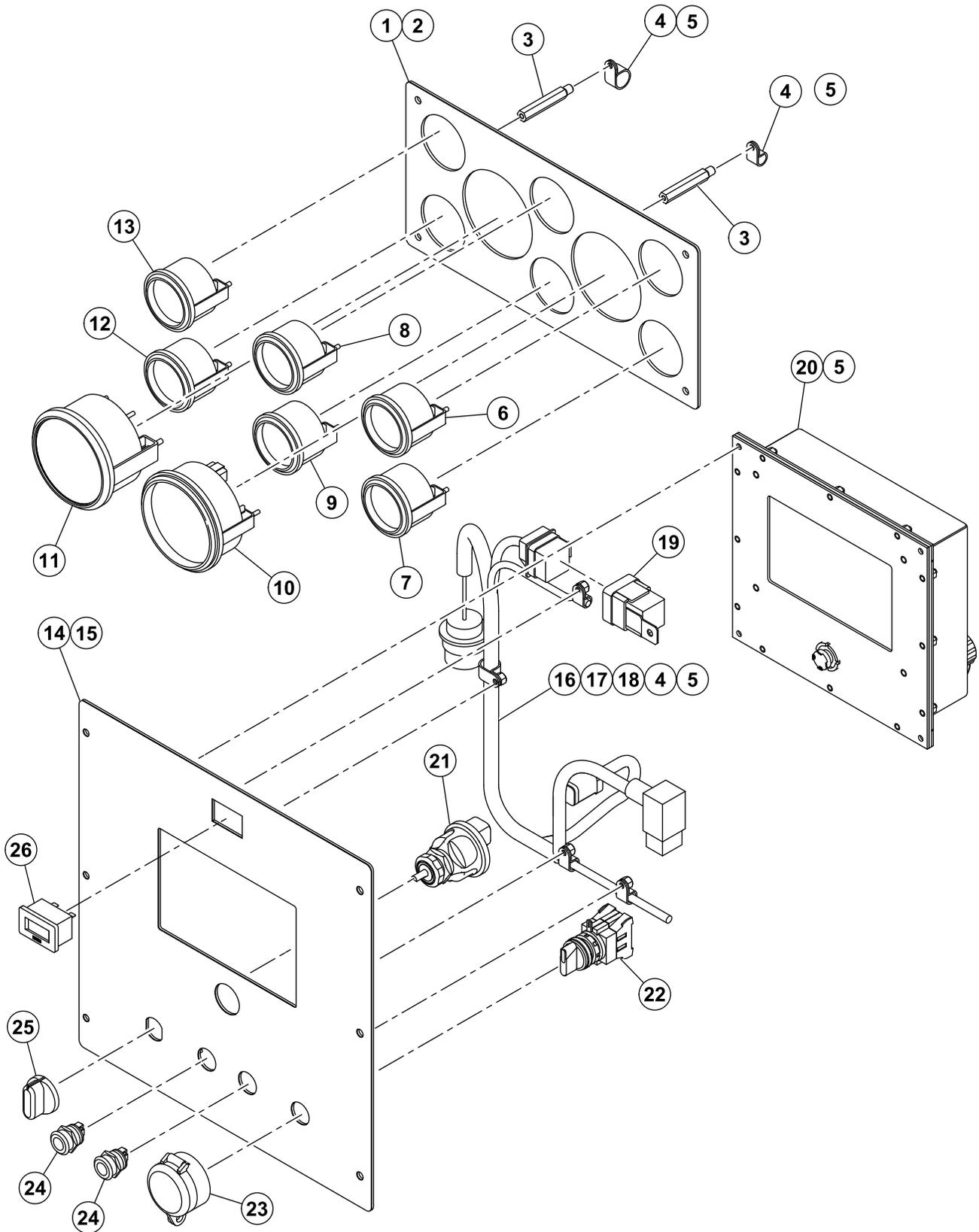
| ITEM | PART NO. | DESCRIPTION             | QTY | NOTES              |
|------|----------|-------------------------|-----|--------------------|
| 1    | 46652351 | HOSE, SILICONE, COOLANT | 130 | MEASURED IN INCHES |
| 2    | 46641379 | CLAMP, HOSE             | 2   |                    |
| 3    | 35323880 | HOSE                    | 79  | MEASURED IN INCHES |
| 4    | 36898328 | HOSE                    | 138 | MEASURED IN INCHES |
| 5    | 36878254 | HOSE                    | 175 | MEASURED IN INCHES |
| 6    | 95219747 | CONNECTOR               | 3   |                    |
| 7    | 35576115 | VALVE, BALL             | 4   |                    |
| 8    | 95928040 | NIPPLE, PIPE            | 4   |                    |
| 9    | 95928172 | ELBOW, 90°, STREET      | 4   |                    |
| 10   | 95953949 | BUSHING, REDUCER        | 1   |                    |
| 11   | 35326560 | ADAPTER, HEATER HOSE    | 1   |                    |
| 12   | 35287044 | ELBOW, 90°              | 1   |                    |
| 13   | 35288026 | HOSE                    | 23  | MEASURED IN INCHES |

# ELECTRICAL SYSTEM, CONTROL PANEL INSTALLATION



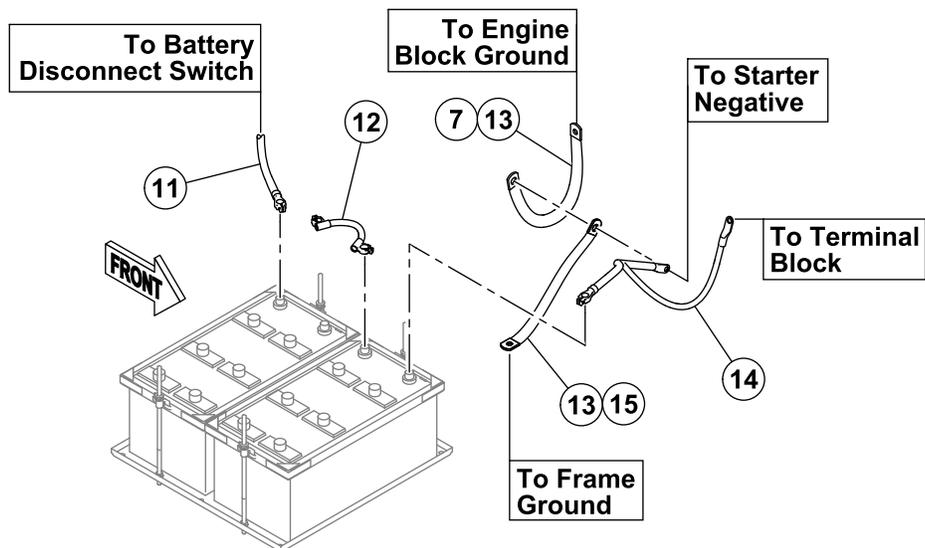
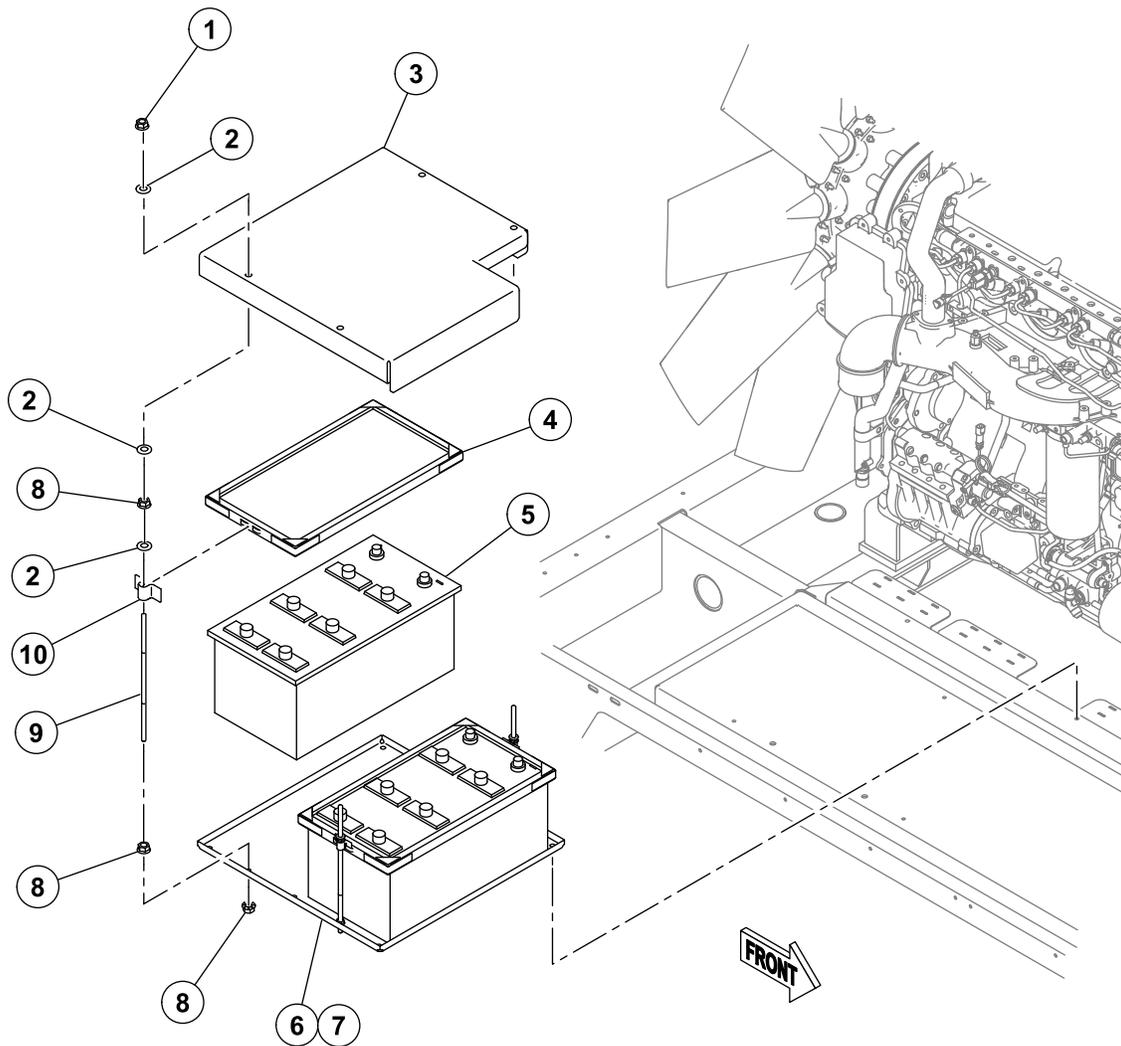
| ITEM | PART NO.   | DESCRIPTION                           | QTY | NOTES              |
|------|------------|---------------------------------------|-----|--------------------|
| 1    | 46636563   | PANEL ASSEMBLY, 8 GAUGE               | 1   |                    |
| 2    | 35256429   | SCREW, SLOTTED HEAD                   | 7   |                    |
| 3    | 35256445   | RETAINER                              | 14  |                    |
| 4    | 35256452   | RECEPTACLE, QUARTER-TURN CLIP-ON      | 7   |                    |
| 5    | 35280098   | ELBOW, 90°                            | 1   |                    |
| 6    | 35225077   | CLAMP, SUPPORT, RUBBER COATED         | 1   |                    |
| 7    | 96727193   | SCREW, HEX                            | 1   |                    |
| 8    | 46652291SA | COVER, INSTRUMENT PANEL, REAR         | 1   |                    |
| 9    | 36921344   | NUTSERT, HEX                          | 2   |                    |
| 10   | 36895746   | NUTSERT, HEX                          | 3   |                    |
| 11   | 92368687   | SCREW, HEX                            | 12  |                    |
| 12   | 35225085   | CLAMP, SUPPORT, RUBBER COATED         | 1   |                    |
| 13   | 36889608   | SCREW, HEX                            | 2   |                    |
| 14   | 46651420   | CONTROLLER, TITAN LARGE<br>COMPRESSOR | 1   |                    |
| 15   | 35114057   | CLAMP, SUPPORT, RUBBER COATED         | 1   |                    |
| 16   | 46582799   | LAMP, UTILITY 12/24 VDC               | 1   |                    |
| 17   | 22068282   | SCREW, TAPPING                        | 2   |                    |
| 18   | 46656946   | CONTROLLER ASSEMBLY, IQ TCU           | 1   | IQ/AC ONLY         |
| 19   | 23281017   | E-STOP, ASSEMBLY                      | 1   |                    |
| 20   | 35282987   | HOSE                                  | 34  | MEASURED IN INCHES |
| 21   | 36845725   | HINGE, PANEL SST                      | 1   |                    |
| 22   | 36898104   | NUT, HEX                              | 6   |                    |
| 23   | 46663260   | PANEL ASSEMBLY, OPERATOR T4F          | 1   |                    |
| 24   | 96738844   | SCREW, HEX SOCKET                     | 6   |                    |
|      | 46621799   | HARNESS, PANEL LAMP EXTENSION         | 1   | NOT SHOWN          |

# ELECTRICAL SYSTEM, OPERATOR AND GAUGE PANELS



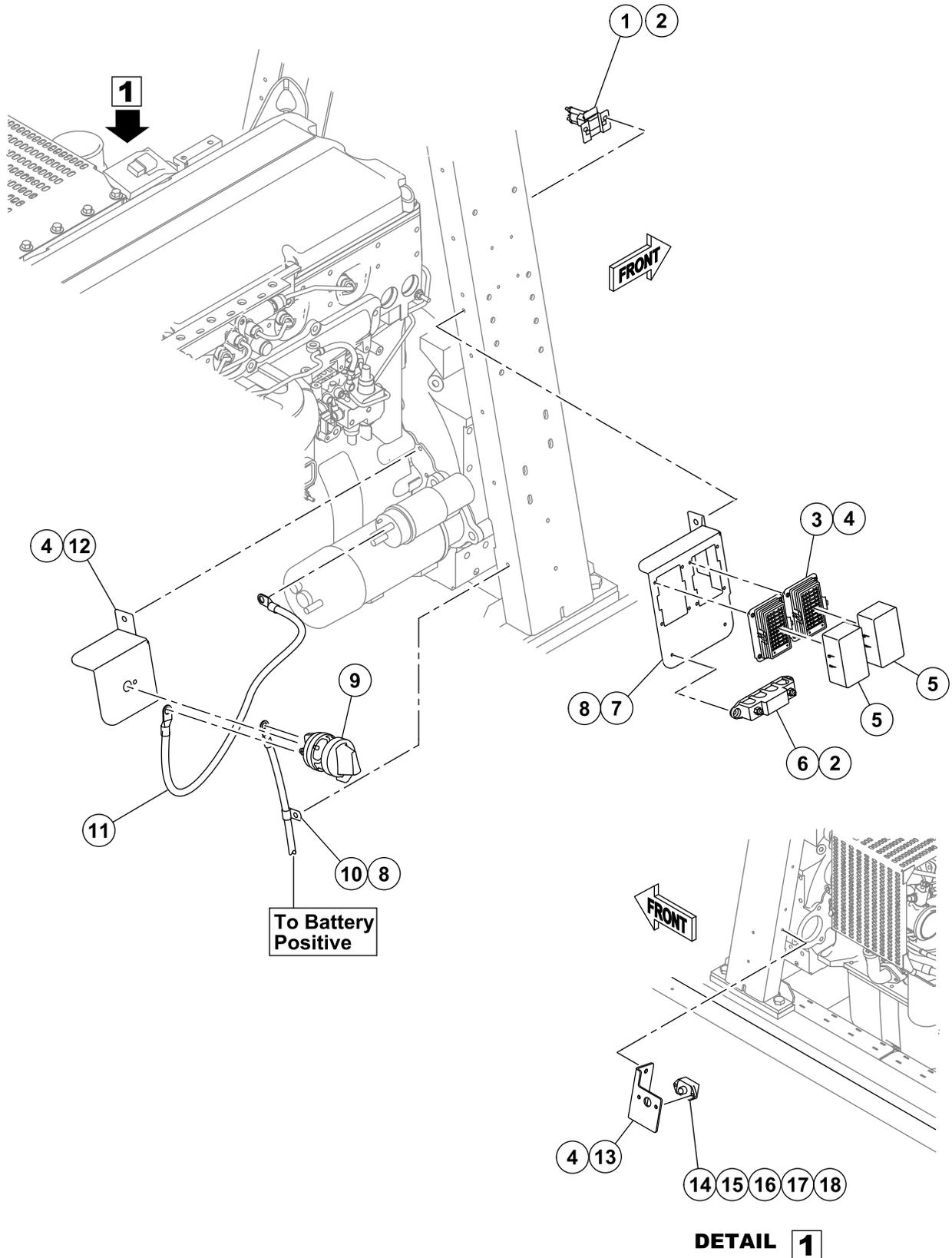
| ITEM | PART NO. | DESCRIPTION                         | QTY | NOTES     |
|------|----------|-------------------------------------|-----|-----------|
| 1    | 46636560 | PANEL, BASE GAUGE J1939 T4F         | 1   |           |
| 2    | 46636561 | LAMINATE, GAUGE PANEL J1939 T4F     | 1   |           |
| 3    | 46569259 | STANDOFF, MALE-FEMALE               | 2   |           |
| 4    | 46564986 | CLAMP, CABLE NYLON                  | 1   |           |
| 5    | 95928800 | NUT, HEX, 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                 | 1   |           |
| 18   | 46564985 | CLAMP, CABLE, NYLON                 | 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



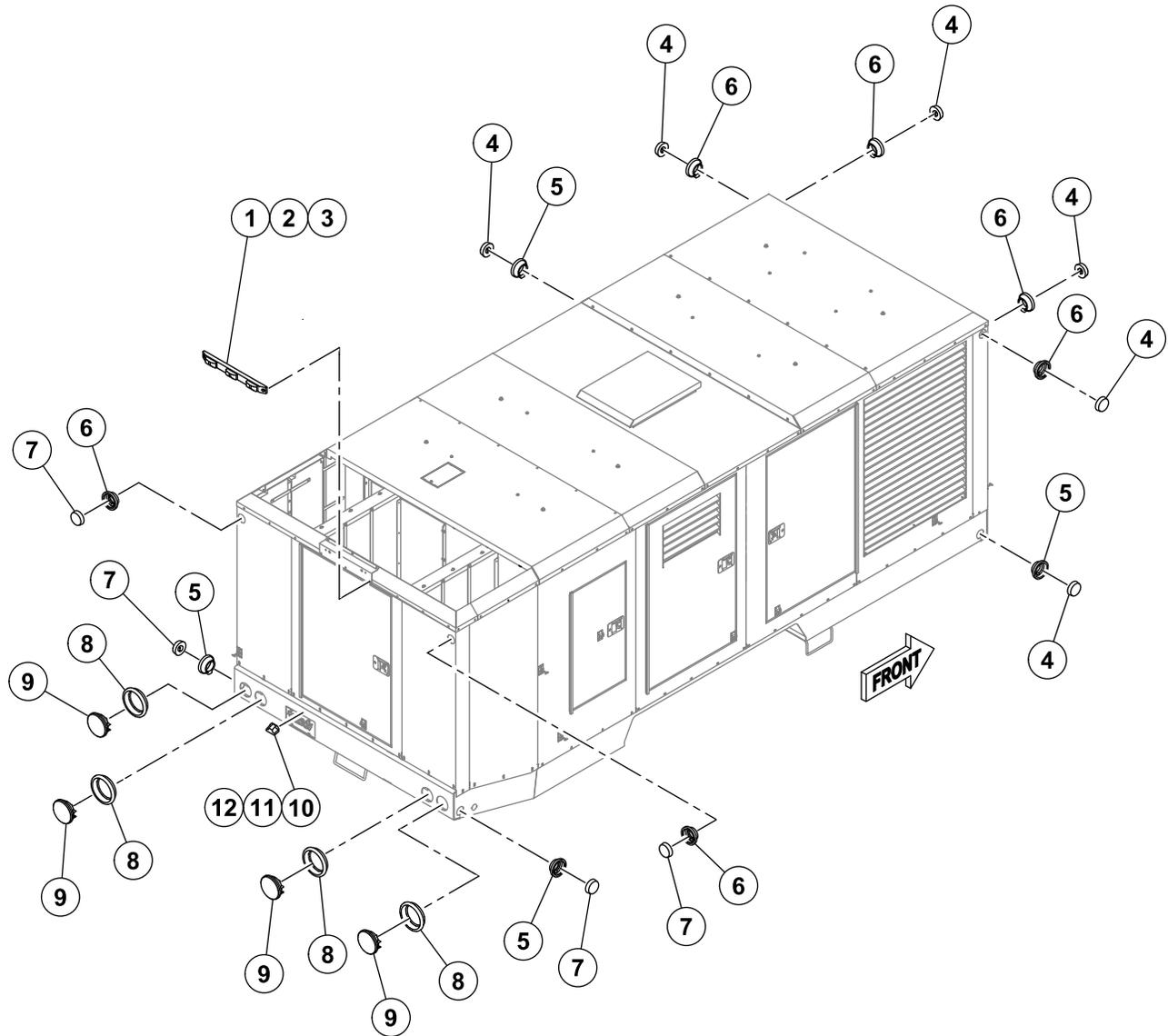
| ITEM | PART NO.   | DESCRIPTION                    | QTY | NOTES |
|------|------------|--------------------------------|-----|-------|
| 1    | 95923322   | NUT, HEX NYLON INSERT          | 4   |       |
| 2    | 95935037   | WASHER, FLAT                   | 12  |       |
| 3    | 54706825SB | COVER, BATTERY                 | 1   |       |
| 4    | 35562156   | FRAME, BATTERY HOLDER          | 2   |       |
| 5    | 35225788   | BATTERY, 12 VDC                | 2   |       |
| 6    | 36870350SB | TRAY, BATTERY                  | 1   |       |
| 7    | 35279025   | SCREW, TAPPING                 | 3   |       |
| 8    | 35145077   | NUT, HEX, LOCK WASHER          | 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                 | 1   |       |

# ELECTRICAL SYSTEM, FUSE BLOCK AND RELAY MOUNTING



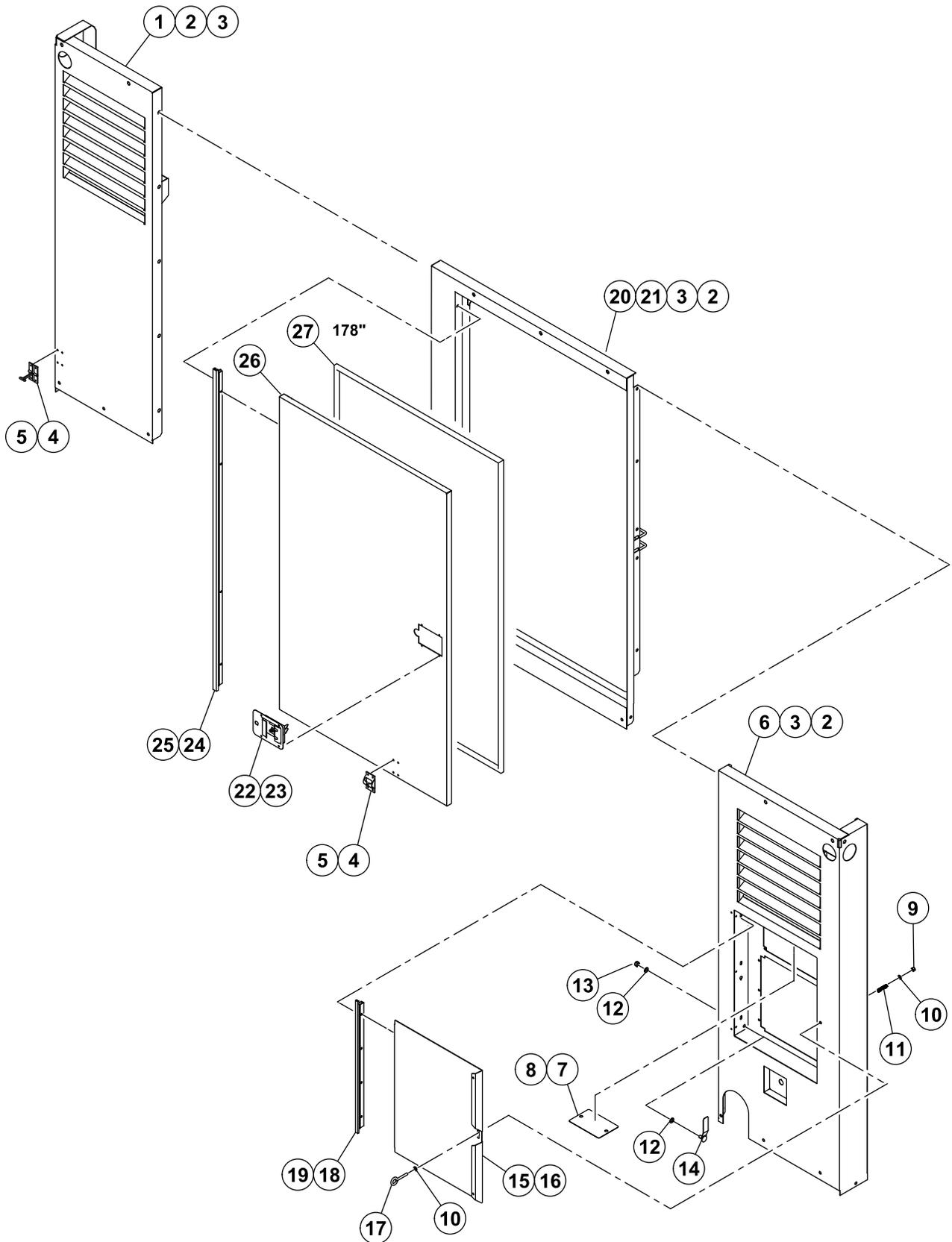
| ITEM | PART NO.   | DESCRIPTION                                   | QTY | NOTES |
|------|------------|---|-----|-------|
| 1    | 36853521   | RELAY, 24V SPST 100 A                         | 1   |       |
| 2    | 92368687   | SCREW, TAPPING                                | 2   |       |
| 3    | 46556356   | FUSE, RELAY CENTER                            | 1   |       |
| 4    | 36842102   | SCREW, TAPPING                                | 4   |       |
| 5    | 23366172   | COVER, FUSE/RELAY CENTER                      | 2   |       |
| 6    | 46567039   | BLOCK, TERMINAL 4-POINT 3/8" STUD             | 1   |       |
| 7    | 46587019SB | BRACKET, FUSE BLOCK & TERMINAL<br>BLOCK       | 1   |       |
| 8    | 35279025   | SCREW, TAPPING                                | 10  |       |
| 9    | 46556146   | SWITCH, BATTERY DISCONNECT                    | 1   |       |
| 10   | 35225077   | CLAMP, SUPPORT, RUBBER COATED                 | 1   |       |
| 11   | 46590421   | CABLE, BATTERY POSITIVE STUD TO STUD<br>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                                    | 2   |       |
| 16   | 95923298   | NUT, HEX                                      | 2   |       |
| 17   | 22318125   | WASHER, LOCK                                  | 2   |       |
| 18   | 95923058   | NUT, HEX                                      | 2   |       |

# ELECTRICAL SYSTEM, LIGHTING, TANDEM



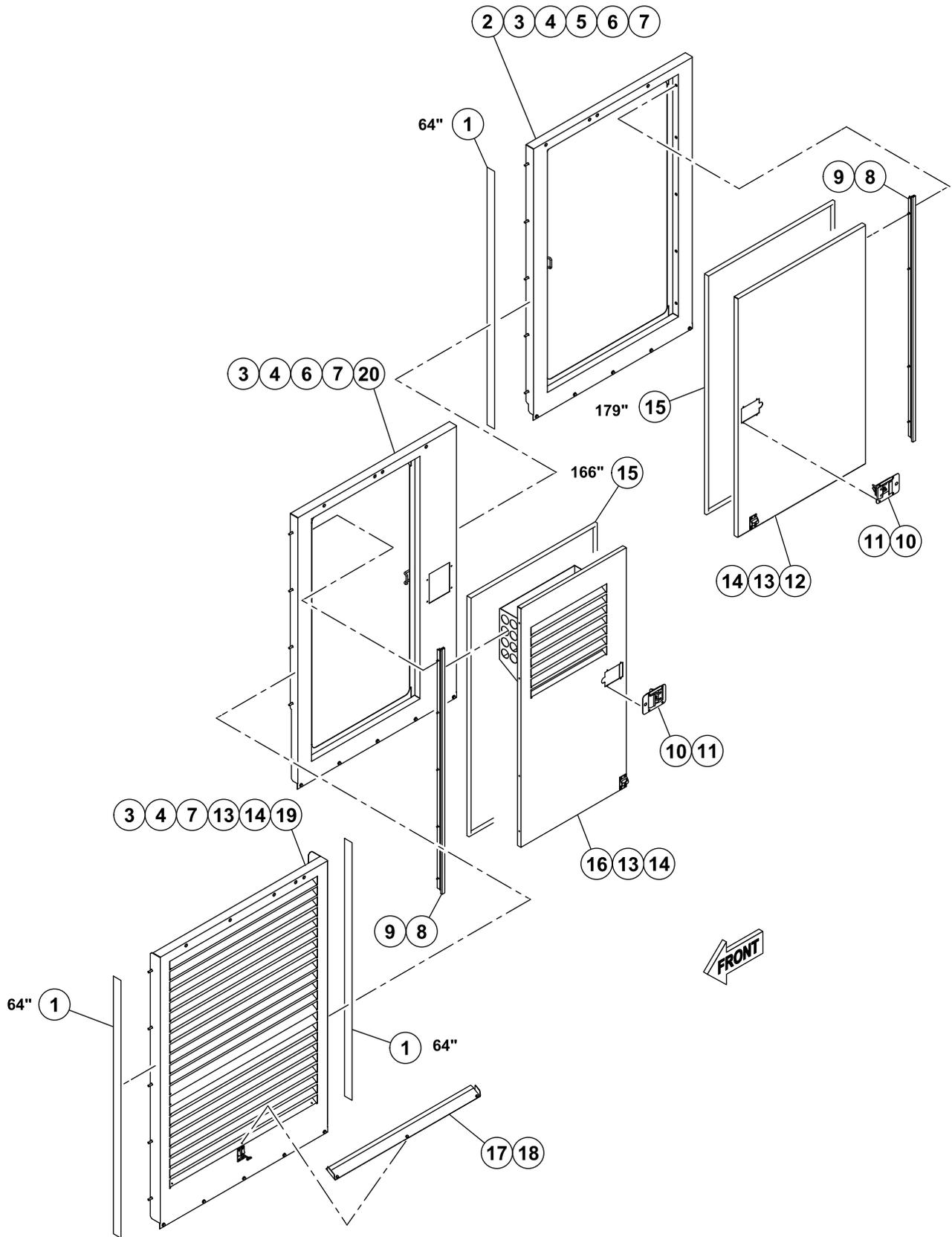
| ITEM | PART NO. | DESCRIPTION                   | QTY | NOTES |
|------|----------|-------------------------------|-----|-------|
| 1    | 36922144 | LIGHT, IDENTIFICATION         | 1   |       |
| 2    | 95922126 | SCREW, ROUND HEAD, SLOTTED    | 2   |       |
| 3    | 35265388 | NUT, HEX FLANGE, NYLON INSERT | 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       | 2   |       |
| 12   | 95928800 | NUT, HEX                      | 2   |       |

# ENCLOSURE, STANDARD, FRONT



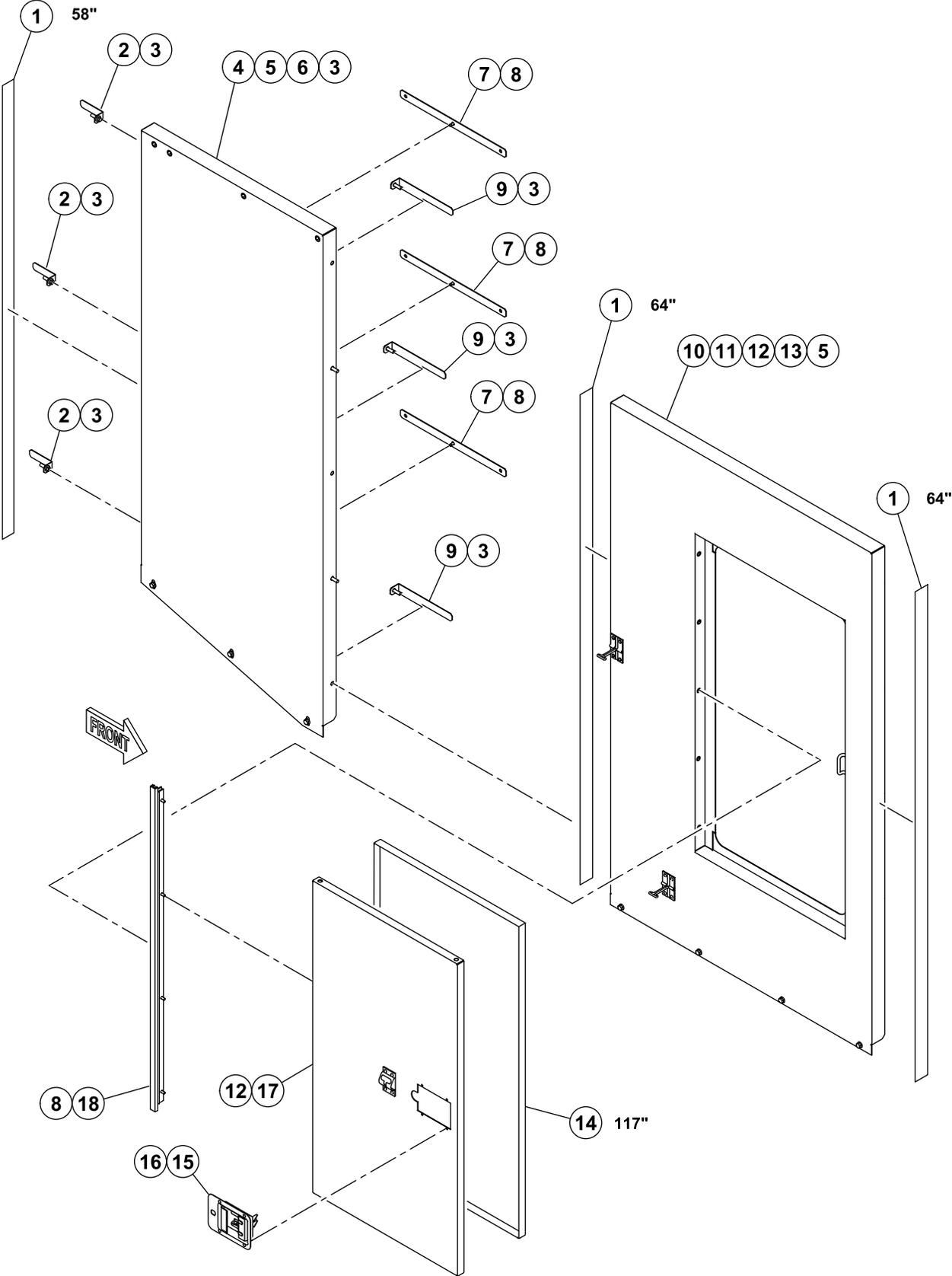
| ITEM | PART NO.   | DESCRIPTION                       | QTY | NOTES              |
|------|------------|-----------------------------------|-----|--------------------|
| 1    | 46622960GA | PANEL, FRONT, CURBSIDE            | 1   |                    |
| 2    | 36895746   | NUTSERT, HEX                      | 30  |                    |
| 3    | 35279025   | SCREW, TAPPING                    | 12  |                    |
| 4    | 36849925   | HOLDER, DOOR, T-LATCH             | 1   |                    |
| 5    | 36843282   | RIVET                             | 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                             | 2   |                    |
| 9    | 95923314   | NUT, LOCKING                      | 1   |                    |
| 10   | 95934998   | WASHER, FLAT                      | 3   |                    |
| 11   | 35327311   | SPRING, EYEBOLT                   | 1   |                    |
| 12   | 95935037   | WASHER, FLAT                      | 2   |                    |
| 13   | 35273366   | NUT, LOCKING                      | 1   |                    |
| 14   | 35603349   | HOLDER, DOOR                      | 1   |                    |
| 15   | 46568879GA | DOOR, CONTROL PANEL               | 1   |                    |
| 16   | 36865293   | BUMPER, RUBBER                    | 2   |                    |
| 17   | 35327303   | EYEBOLT                           | 1   |                    |
| 18   | 46568880   | HINGE, OPERATOR PANEL DOOR        | 1   |                    |
| 19   | 92368687   | SCREW, TAPPING                    | 7   |                    |
| 20   | 46620521GA | FRAME, FRONT DOOR                 | 1   |                    |
| 21   | 36889608   | SCREW, HEX                        | 11  |                    |
| 22   | 36793602   | LATCH, DOOR                       | 1   |                    |
| 23   | 36794816   | RIVET                             | 4   |                    |
| 24   | 46557279   | HINGE, DOOR                       | 1   |                    |
| 25   | 36797652   | SCREW, TAPPING                    | 9   |                    |
| 26   | 46620443GA | DOOR, FRONT                       | 1   |                    |
| 27   | 36774495   | SEAL, DOOR                        | 178 | MEASURED IN INCHES |

# ENCLOSURE, STANDARD, STREETSIDE



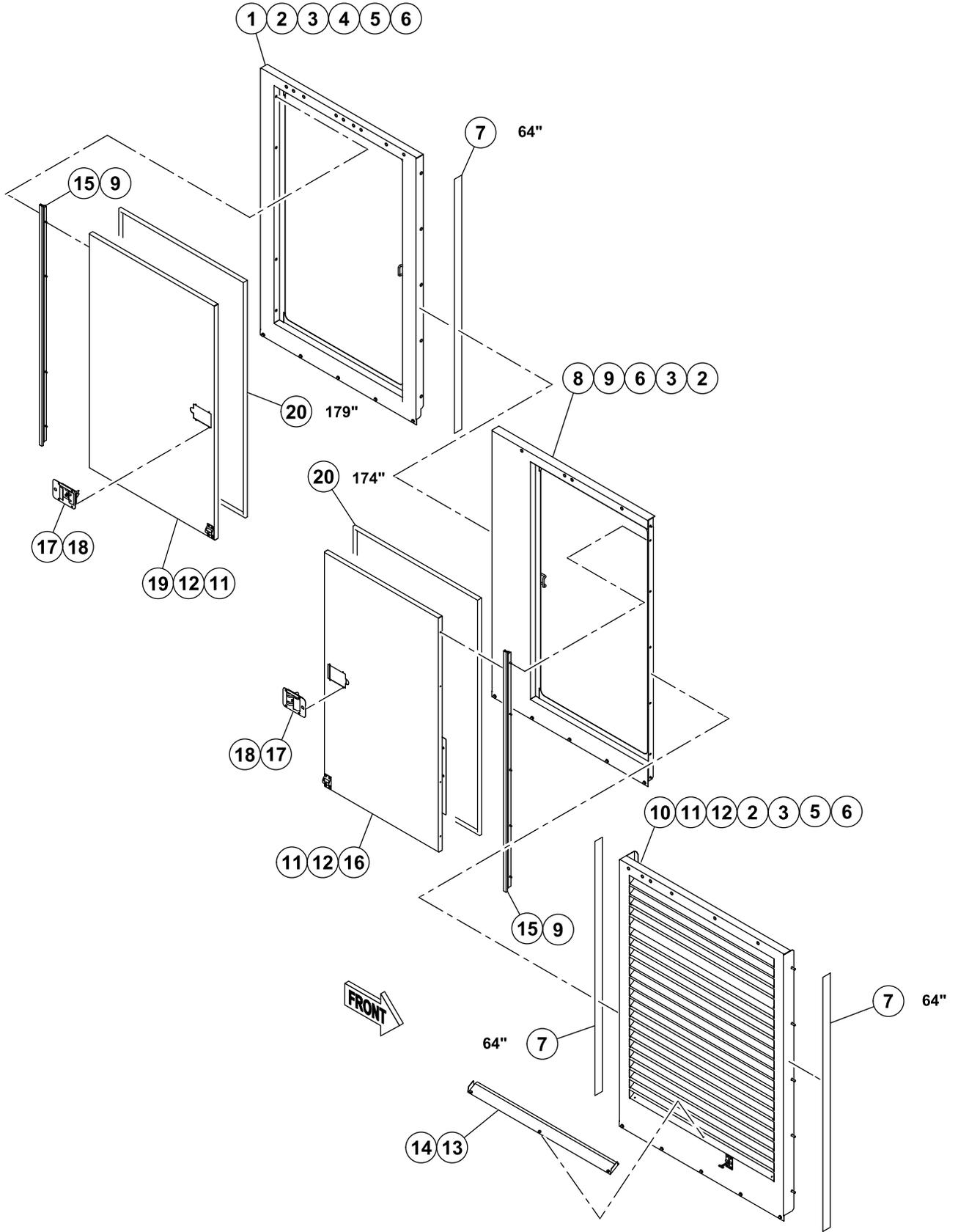
| ITEM | PART NO.   | DESCRIPTION                                | QTY | NOTES              |
|------|------------|--|-----|--------------------|
| 1    | 22617666   | SEAL, RUBBER                               | 192 | MEASURED IN INCHES |
| 2    | 46556378GA | FRAME, DOOR STREETSIDE REAR                | 1   |                    |
| 3    | 36895746   | NUTSERT, HEX                               | 30  |                    |
| 4    | 36889608   | SCREW, FLANGE                              | 15  |                    |
| 5    | 35144336   | SCREW, HEX                                 | 1   |                    |
| 6    | 36921344   | NUTSERT, HEX                               | 12  |                    |
| 7    | 35279025   | SCREW, TAPPING                             | 14  |                    |
| 8    | 46557279   | HINGE, DOOR                                | 2   |                    |
| 9    | 92368687   | SCREW, TAPPING                             | 20  |                    |
| 10   | 36793602   | LATCH, DOOR                                | 2   |                    |
| 11   | 36794816   | RIVET                                      | 8   |                    |
| 12   | 46556379GA | DOOR, SIDE ACCESS                          | 1   |                    |
| 13   | 36849925   | HOLDER, DOOR T-LATCH 2.50                  | 3   |                    |
| 14   | 36843282   | RIVET                                      | 12  |                    |
| 15   | 36774495   | SEAL, DOOR                                 | 345 | MEASURED IN INCHES |
| 16   | 46651352GA | DOOR, SIDE ACCESS                          | 1   |                    |
| 17   | 46570459GA | SUPPORT, DRIP PAN, LOUVERED,<br>STREETSIDE | 1   |                    |
| 18   | 36797652   | SCREW, TAPPING                             | 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                              | 15  |                    |
| 3    | 46556397GA | PANEL, REAR, TANDEM, STREETSIDE             | 1   |                    |
| 4    | 36895746   | NUTSERT, HEX                                | 18  |                    |
| 5    | 36889608   | SCREW, FLANGE                               | 18  |                    |
| 6    | 35144336   | SCREW, HEX                                  | 7   |                    |
| 7    | 46595139   | STRAP, FIBERGLASS PANEL RETENTION,<br>SHORT | 3   |                    |
| 8    | 22617666   | SEAL, RUBBER,                               | 186 | MEASURED IN INCHES |
| 9    | 46559799   | HINGE, COOLER DOOR ACCESS                   | 1   |                    |
| 10   | 36793602   | LATCH, DOOR                                 | 1   |                    |
| 11   | 36794816   | RIVET                                       | 4   |                    |
| 12   | 46559800GA | DOOR, COOLER ACCESS                         | 1   |                    |
| 13   | 36849925   | HOLDER, DOOR T-LATCH 2.50                   | 2   |                    |
| 14   | 36843282   | RIVET                                       | 12  |                    |
| 15   | 36774495   | SEAL, DOOR                                  | 117 | MEASURED IN INCHES |
| 16   | 46622965GA | FRAME, DOOR, COOLER ACCESS,<br>STREETSIDE   | 1   |                    |
| 17   | 36921344   | NUTSERT, HEX                                | 5   |                    |
| 18   | 46595520   | STRAP, FIBERGLASS PANEL RETENTION           | 3   |                    |

# ENCLOSURE, STANDARD, CURBSIDE

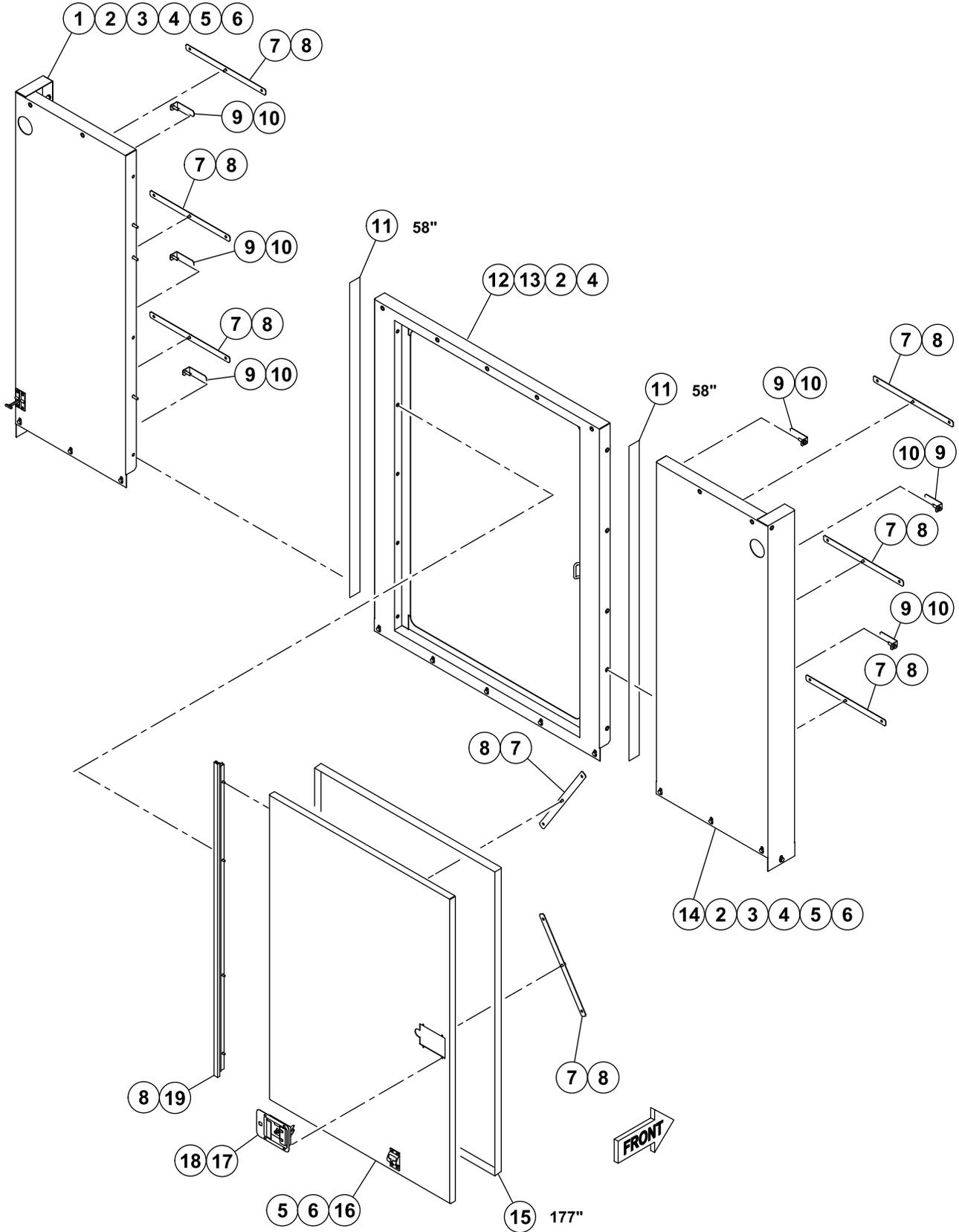


| ITEM | PART NO.   | DESCRIPTION                              | QTY | NOTES              |
|------|------------|--|-----|--------------------|
| 1    | 46622963GA | FRAME, DOOR SIDE                         | 1   |                    |
| 2    | 36895746   | NUTSERT, HEX                             | 25  |                    |
| 3    | 36889608   | SCREW, FLANGE                            | 15  |                    |
| 4    | 35144336   | SCREW, HEX                               | 1   |                    |
| 5    | 36921344   | NUTSERT, HEX                             | 15  |                    |
| 6    | 35279025   | SCREW, TAPPING                           | 24  |                    |
| 7    | 22617666   | SEAL, RUBBER                             | 192 | MEASURED IN INCHES |
| 8    | 46663201GA | FRAME, DOOR CURBSIDE                     | 1   |                    |
| 9    | 92368687   | SCREW, TAPPING                           | 11  |                    |
| 10   | 46622961GA | PANEL, INTAKE LOUVERED CURBSIDE          | 1   |                    |
| 11   | 36849925   | HOLDER, DOOR T-LATCH 2.50                | 3   |                    |
| 12   | 36843282   | RIVET                                    | 12  |                    |
| 13   | 46568319GA | SUPPORT, DRIP PAN, LOUVERED,<br>CURBSIDE | 1   |                    |
| 14   | 36797652   | SCREW, TAPPING                           | 3   |                    |
| 15   | 46557279   | HINGE, DOOR                              | 2   |                    |
| 16   | 46574939GA | DOOR, CURBSIDE, FRONT                    | 1   |                    |
| 17   | 36793602   | LATCH, DOOR                              | 2   |                    |
| 18   | 36794816   | RIVET                                    | 8   |                    |
| 19   | 46663101GA | DOOR, SIDE ACCESS, HINGE, LH             | 1   |                    |
| 20   | 36774495   | SEAL, DOOR                               | 353 | MEASURED IN INCHES |



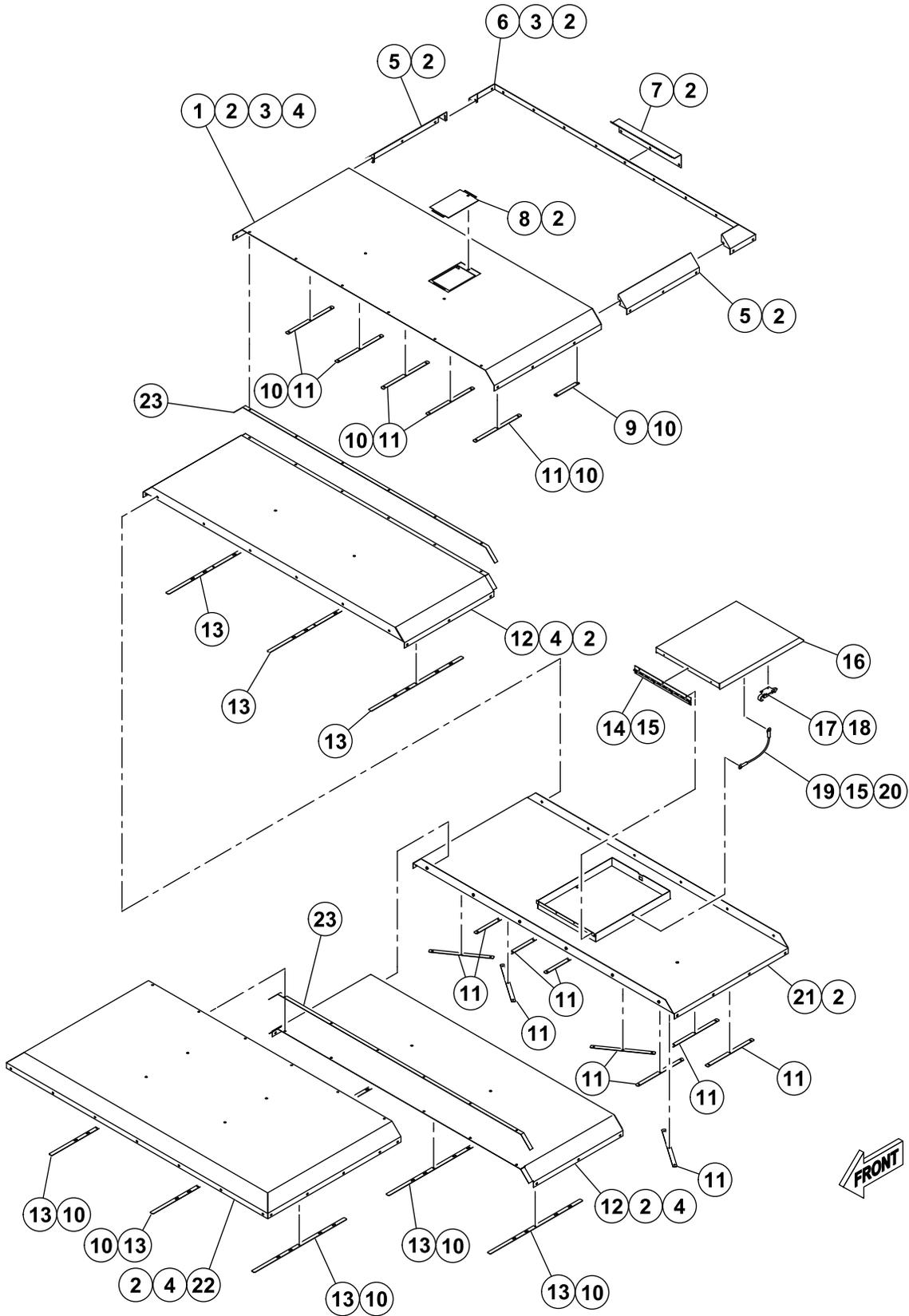
| ITEM | PART NO.   | DESCRIPTION                             | QTY | NOTES              |
|------|------------|---|-----|--------------------|
| 1    | 22617666   | SEAL, RUBBER                            | 186 | MEASURED IN INCHES |
| 2    | 46595139   | STRAP, FIBERGLASS PANEL RETENTION       | 3   |                    |
| 3    | 36889608   | SCREW, FLANGE                           | 18  |                    |
| 4    | 46556398GA | PANEL, REAR, TANDEM, CURBSIDE           | 1   |                    |
| 5    | 36895746   | NUTSERT, HEX                            | 18  |                    |
| 6    | 35144336   | SCREW, HEX                              | 7   |                    |
| 7    | 54718184   | STRAP, FOAM RETENTION                   | 3   |                    |
| 8    | 92368687   | SCREW, TAPPING                          | 12  |                    |
| 9    | 46595520   | STRAP, FIBERGLASS PANEL RETENTION       | 3   |                    |
| 10   | 46622964GA | FRAME, DOOR, COOLER ACCESS,<br>CURBSIDE | 1   |                    |
| 11   | 36921344   | NUTSERT, HEX                            | 5   | MEASURED IN INCHES |
| 12   | 36849925   | HOLDER, DOOR T-LATCH 2.50               | 2   |                    |
| 13   | 36843282   | RIVET                                   | 12  |                    |
| 14   | 36774495   | SEAL, DOOR                              | 117 |                    |
| 15   | 36793602   | LATCH, DOOR                             | 1   |                    |
| 16   | 36794816   | RIVET                                   | 4   |                    |
| 17   | 46559800GA | DOOR, COOLER ACCESS                     | 1   |                    |
| 18   | 46559799   | HINGE, COOLER DOOR ACCESS               | 1   |                    |

# ENCLOSURE, TANDEM, REAR



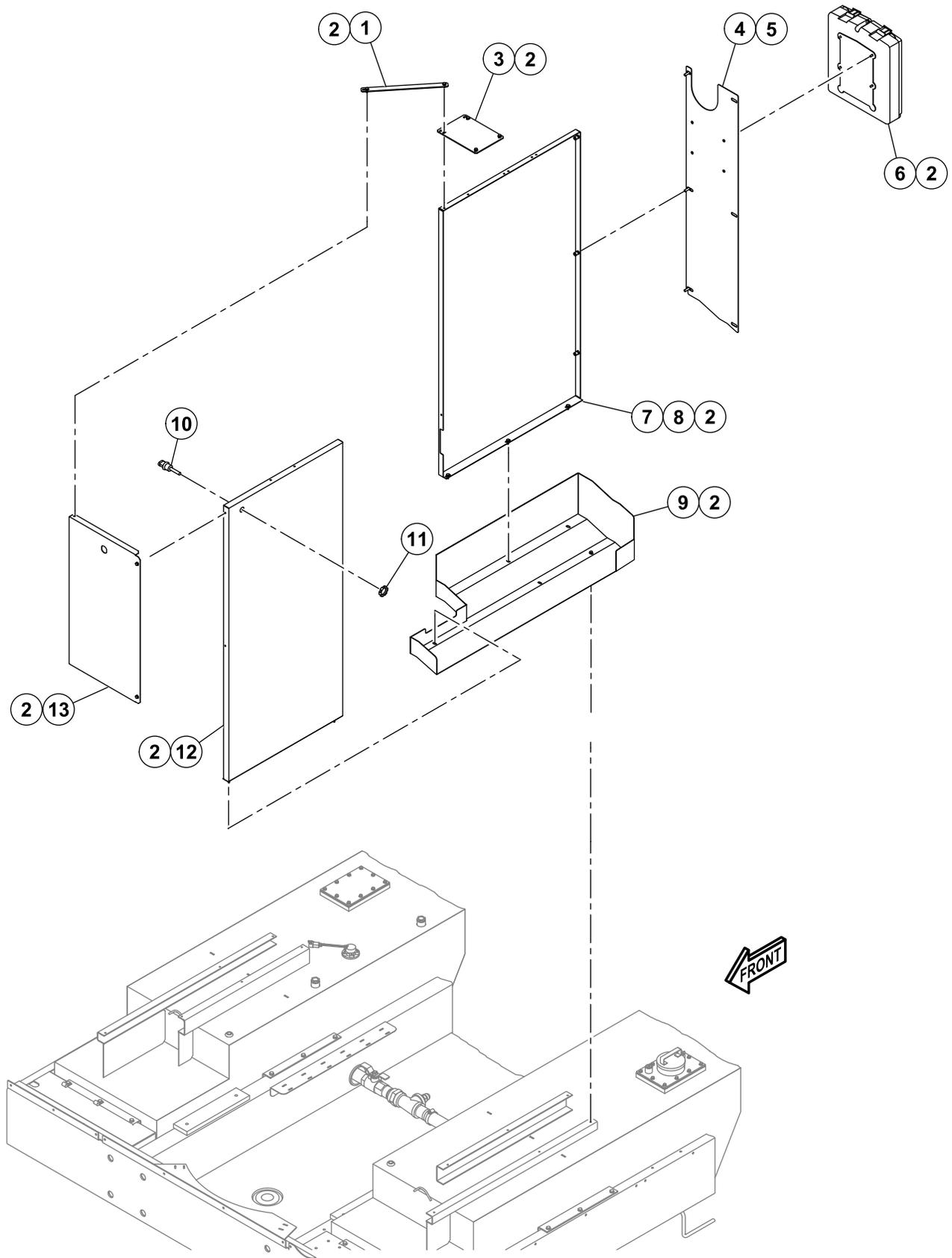
| ITEM | PART NO.   | DESCRIPTION                               | QTY | NOTES              |
|------|------------|---|-----|--------------------|
| 1    | 46556382GA | PANEL, REAR CORNER, TANDEM,<br>STREETSIDE | 1   |                    |
| 2    | 36895746   | NUTSERT, HEX                              | 33  |                    |
| 3    | 35144336   | SCREW, FLANGE                             | 2   |                    |
| 4    | 35279025   | SCREW, TAPPING                            | 11  |                    |
| 5    | 36849925   | HOLDER, DOOR, T-LATCH 2.50                | 1   |                    |
| 6    | 36843282   | RIVET                                     | 8   |                    |
| 7    | 54718184   | STRAP, FOAM RETENTION                     | 8   |                    |
| 8    | 92368687   | SCREW, TAPPING                            | 17  |                    |
| 9    | 46595139   | STRAP, FIBERGLASS PANEL RETENTION         | 6   |                    |
| 10   | 36889608   | SCREW, HEX                                | 10  |                    |
| 11   | 22617666   | SEAL, RUBBER, 3 X 10 MM                   | 116 | MEASURED IN INCHES |
| 12   | 46556388GA | FRAME, REAR DOOR, TANDEM                  | 1   |                    |
| 13   | 36921344   | NUTSERT, HEX                              | 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                                     | 4   |                    |
| 19   | 46556381   | HINGE, REAR DOOR, TANDEM                  | 1   |                    |

# ENCLOSURE, STANDARD, TOP



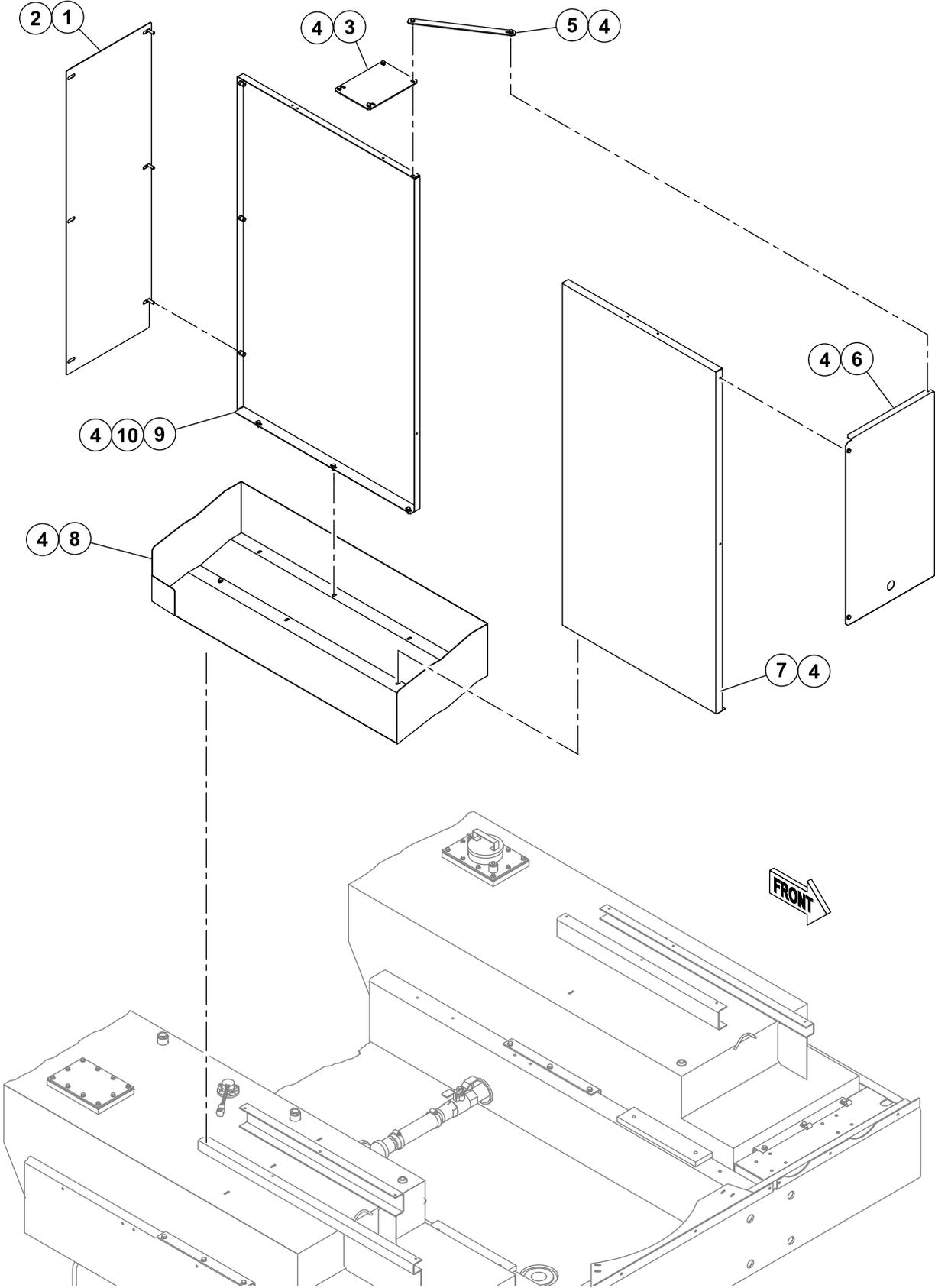
| ITEM | PART NO.   | DESCRIPTION                           | QTY | NOTES |
|------|------------|---------------------------------------|-----|-------|
| 1    | 46651000GA | PANEL, ROOF, REAR                     | 1   |       |
| 2    | 36889608   | SCREW, FLANGE                         | 34  |       |
| 3    | 36895746   | NUTSERT, HEX                          | 3   |       |
| 4    | 96702428   | SCREW, HEX                            | 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                        | 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, WASHER, HEX                    | 9   |       |
| 16   | 46556392GA | DOOR, LIFT BAIL ACCESS                | 1   |       |
| 17   | 35131051   | LATCH, DOOR                           | 1   |       |
| 18   | 36843282   | RIVET                                 | 4   |       |
| 19   | 36864304   | CABLE, ROOF                           | 1   |       |
| 20   | 95934998   | WASHER, THICK                         | 2   |       |
| 21   | 46652239GA | PANEL, ROOF, W/LIFT BAIL ACCESS, WIFI | 1   |       |
| 22   | 46622061GA | ROOF, FRONT                           | 1   |       |
| 23   | 46652550   | SEAL, ROOF, NEOPRENE                  | 2   |       |

# ENCLOSURE, TANDEM, STREETSIDE, AIR INTAKE BAFFLES



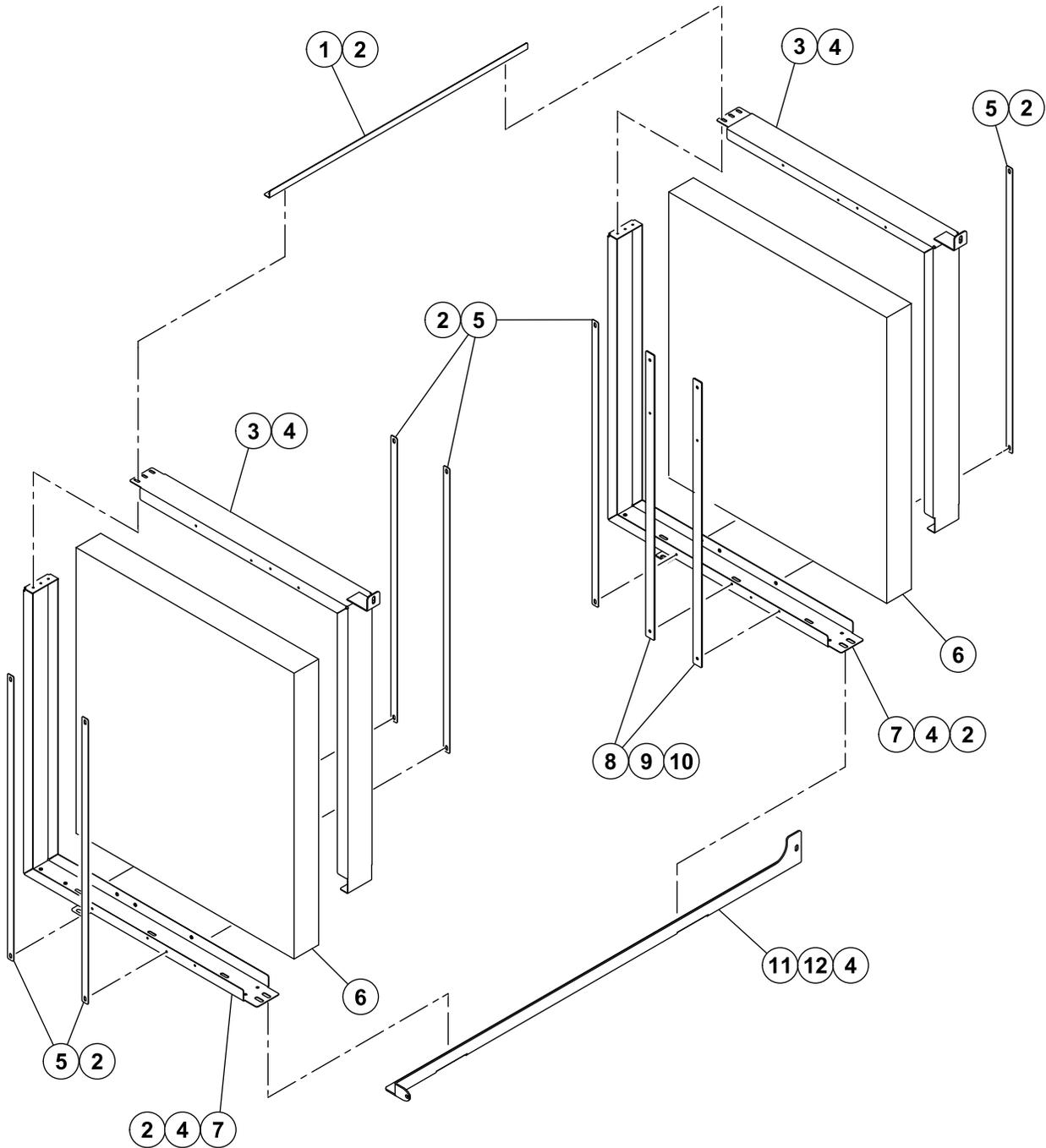
| ITEM | PART NO.   | DESCRIPTION                          | QTY | NOTES |
|------|------------|--------------------------------------|-----|-------|
| 1    | 46561060SB | SUPPORT, FRONT BAFFLE LEG            | 1   |       |
| 2    | 92368687   | SCREW, TAPPING                       | 17  |       |
| 3    | 54641006SA | SUPPORT, BAFFLE                      | 1   |       |
| 4    | 46570202SB | BAFFLE, DRIP PAN ACCESS, STREETSIDE  | 1   |       |
| 5    | 36889608   | SCREW, HEX                           | 3   |       |
| 6    | 22916019   | POUCH, LITERATURE                    | 1   |       |
| 7    | 46570201SB | BAFFLE, INNER INLET, STREETSIDE      | 1   |       |
| 8    | 36895746   | NUTSERT, HEX                         | 3   |       |
| 9    | 46570400SB | PAN, LOUVER BOTTOM, DRIP, STREETSIDE | 1   |       |
| 10   | 23294838   | SENSOR, TEMPERATURE                  | 1   |       |
| 11   | 36853505   | LOCKNUT, CONDUIT                     | 1   |       |
| 12   | 46570259SB | BAFFLE, OUTER INLET, STREETSIDE      | 1   |       |
| 13   | 46673235SB | BAFFLE, FRONT INLET                  | 1   |       |

# ENCLOSURE, TANDEM, CURBSIDE, AIR INTAKE BAFFLES



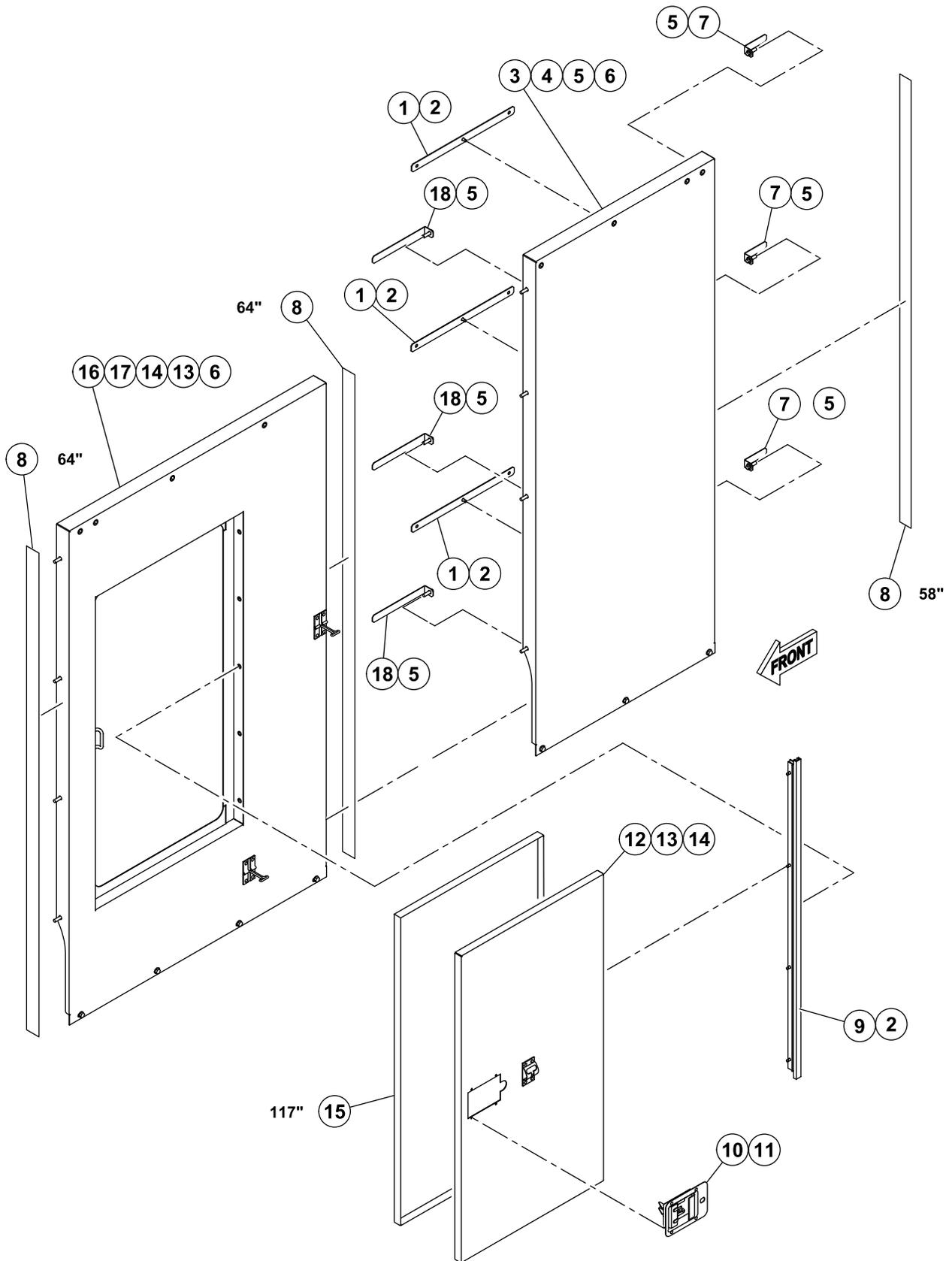
| ITEM | PART NO.   | DESCRIPTION                        | QTY | NOTES |
|------|------------|------------------------------------|-----|-------|
| 1    | 46570200SB | BAFFLE, DRIP PAN ACCESS, CURBSIDE  | 1   |       |
| 2    | 36889608   | SCREW, HEX                         | 3   |       |
| 3    | 54641006SA | SUPPORT, BAFFLE                    | 1   |       |
| 4    | 92368687   | SCREW, TAPPING                     | 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                       | 3   |       |

# ENCLOSURE, STANDARD, EXHAUST PLENUM BAFFLES



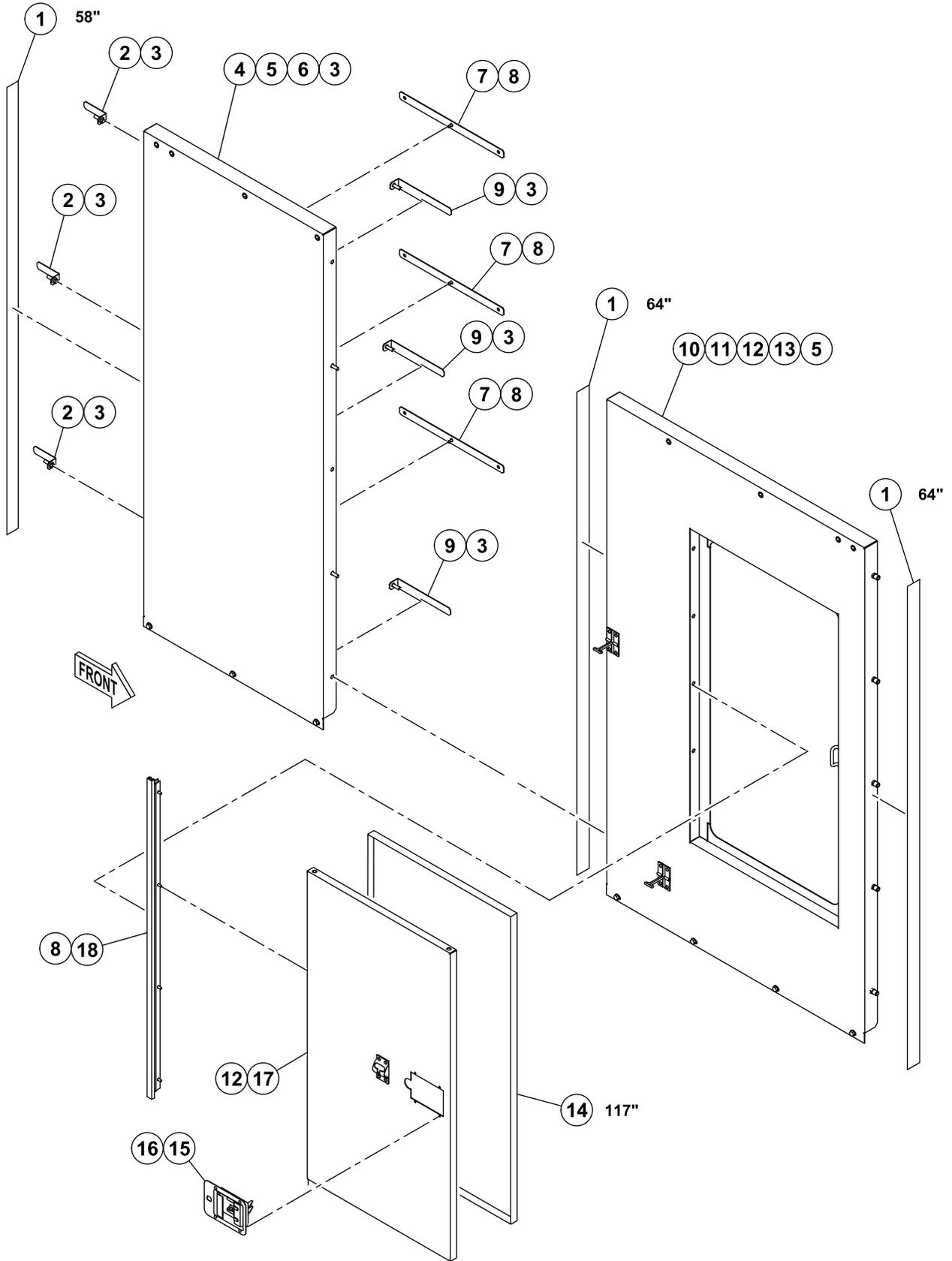
| ITEM | PART NO.   | DESCRIPTION                        | QTY | NOTES |
|------|------------|------------------------------------|-----|-------|
| 1    | 46651321SB | SUPPORT, BAFFLE ANGLE              | 1   |       |
| 2    | 36797652   | SCREW, TAPPING                     | 22  |       |
| 3    | 46649501GB | CHANNEL, ACOUSTIC, TOP SPLITTER    | 2   |       |
| 4    | 36889608   | SCREW, HEX                         | 8   |       |
| 5    | 46598639   | STRAP, EXHAUST PLENUM BAFFLE       | 6   |       |
| 6    | 46645679   | FIBERGLASS, ACOUSTIC SPLITTER      | 2   |       |
| 7    | 46649431GB | CHANNEL, ACOUSTIC, BOTTOM SPLITTER | 2   |       |
| 8    | 46651142SB | STRAP, VERTICAL BAFFLE             | 2   |       |
| 9    | 92368687   | SCREW, TAPPING                     | 2   |       |
| 10   | 35300771   | SCREW, TAPPING                     | 4   |       |
| 11   | 46651347SB | SUPPORT, VERTICAL BAFFLE           | 1   |       |
| 12   | 36895746   | NUTSERT, HEX                       | 5   |       |

# ENCLOSURE, WAGON, STREETSIDE, REAR



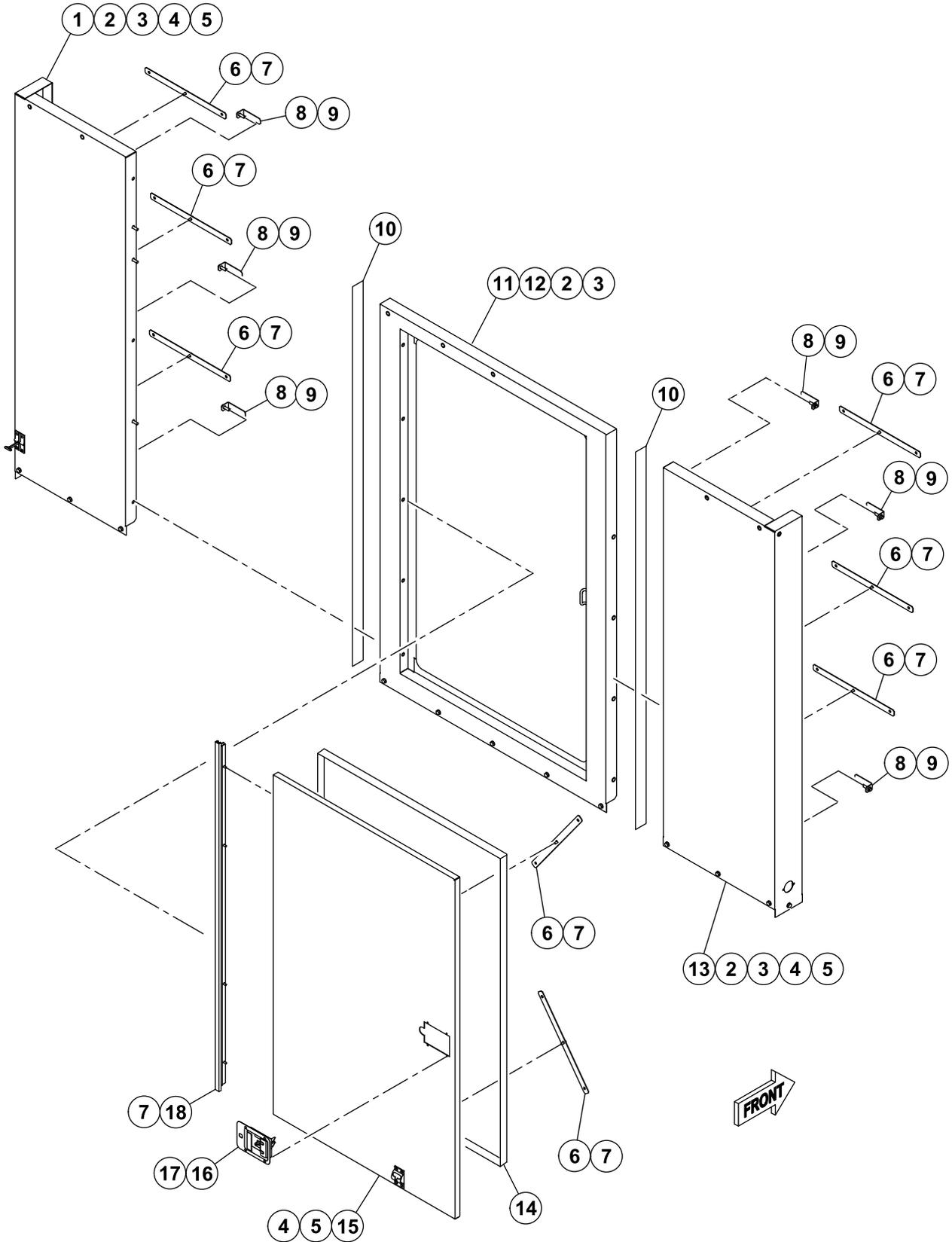
| ITEM | PART NO.   | DESCRIPTION                               | QTY | NOTES              |
|------|------------|---|-----|--------------------|
| 1    | 54718184   | STRAP, FOAM RETENTION                     | 3   |                    |
| 2    | 92368687   | SCREW, TAPPING                            | 15  |                    |
| 3    | 46588919GA | PANEL, REAR, STREETSIDE                   | 1   |                    |
| 4    | 36895746   | NUTSERT, HEX                              | 18  |                    |
| 5    | 36889608   | SCREW, FLANGE                             | 18  |                    |
| 6    | 35144336   | SCREW, HEX                                | 7   |                    |
| 7    | 46595139   | STRAP, FIBERGLASS PANEL RETENTION         | 3   |                    |
| 8    | 22617666   | SEAL, RUBBER                              | 186 | MEASURED IN INCHES |
| 9    | 46559799   | HINGE, COOLER DOOR ACCESS                 | 1   |                    |
| 10   | 36793602   | LATCH, DOOR                               | 1   |                    |
| 11   | 36794816   | RIVET                                     | 4   |                    |
| 12   | 46559800GA | DOOR, COOLER ACCESS                       | 1   |                    |
| 13   | 36849925   | HOLDER, DOOR T-LATCH 2.50                 | 2   |                    |
| 14   | 36843282   | RIVET                                     | 12  |                    |
| 15   | 36774495   | SEAL, DOOR                                | 117 | MEASURED IN INCHES |
| 16   | 46624182GA | FRAME, DOOR, COOLER ACCESS,<br>STREETSIDE | 1   |                    |
| 17   | 36921344   | NUTSERT, HEX                              | 5   |                    |
| 18   | 46595520   | STRAP, FIBERGLASS PANEL RETENTION         | 3   |                    |

# ENCLOSURE, WAGON, CURBSIDE, REAR



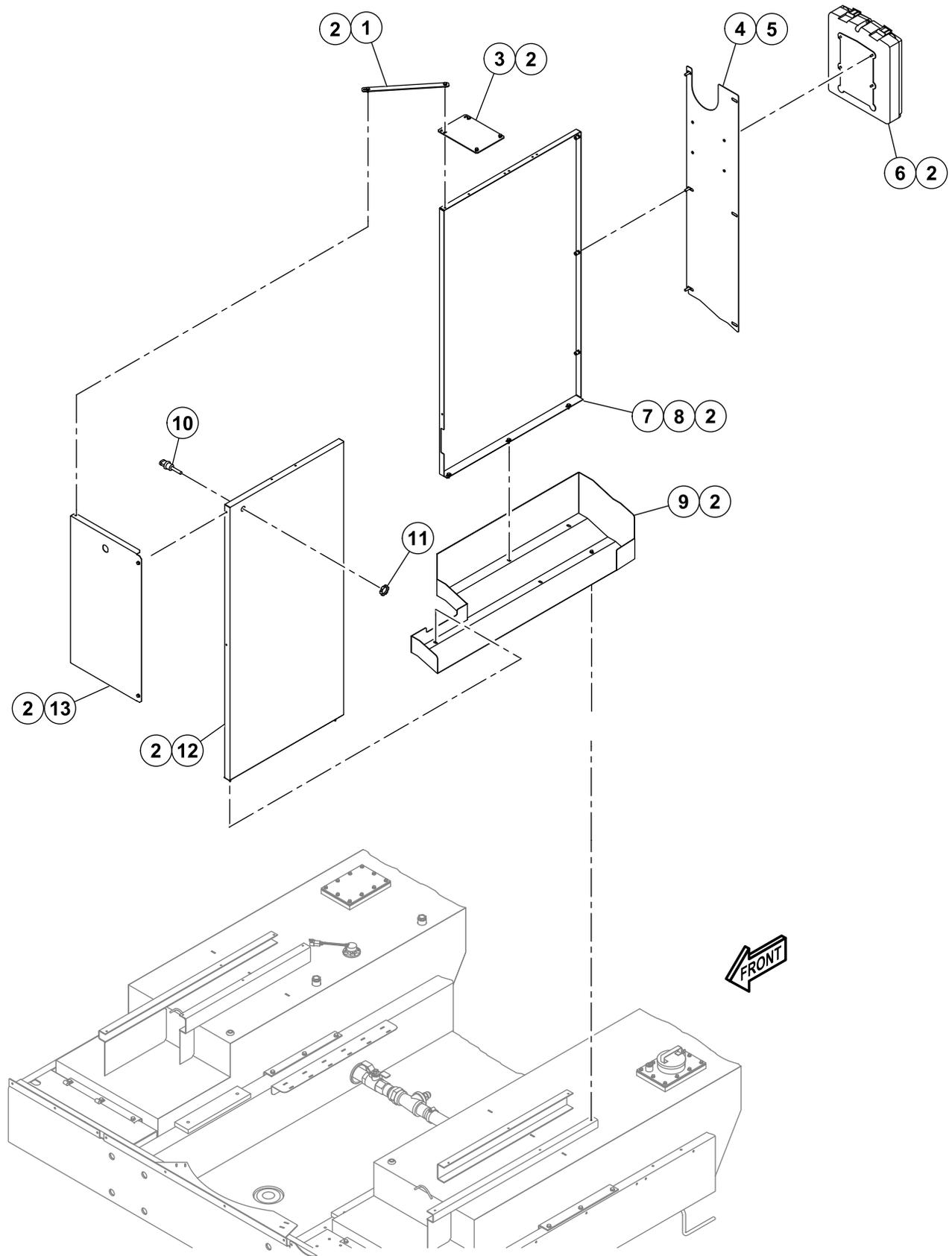
| ITEM | PART NO.   | DESCRIPTION                             | QTY | NOTES              |
|------|------------|---|-----|--------------------|
| 1    | 22617666   | SEAL, RUBBER                            | 186 | MEASURED IN INCHES |
| 2    | 46595139   | STRAP, FIBERGLASS PANEL RETENTION       | 3   |                    |
| 3    | 36889608   | SCREW, FLANGE                           | 18  |                    |
| 4    | 46562044GA | PANEL, REAR, CURBSIDE                   | 1   |                    |
| 5    | 36895746   | NUTSERT, HEX                            | 18  |                    |
| 6    | 35144336   | SCREW, HEX                              | 7   |                    |
| 7    | 54718184   | STRAP, FOAM RETENTION                   | 3   |                    |
| 8    | 92368687   | SCREW, TAPPING                          | 12  |                    |
| 9    | 46595520   | STRAP, FIBERGLASS PANEL RETENTION       | 3   |                    |
| 10   | 46624100GA | FRAME, DOOR, COOLER ACCESS,<br>CURBSIDE | 1   |                    |
| 11   | 36921344   | NUTSERT, HEX                            | 5   | MEASURED IN INCHES |
| 12   | 36849925   | HOLDER, DOOR T-LATCH 2.50               | 2   |                    |
| 13   | 36843282   | RIVET                                   | 12  |                    |
| 14   | 36774495   | SEAL, DOOR                              | 117 |                    |
| 15   | 36793602   | LATCH, DOOR                             | 1   |                    |
| 16   | 36794816   | RIVET                                   | 4   |                    |
| 17   | 46559800GA | DOOR, COOLER ACCESS                     | 1   |                    |
| 18   | 46559799   | HINGE, COOLER DOOR ACCESS               | 1   |                    |

# ENCLOSURE, WAGON, REAR



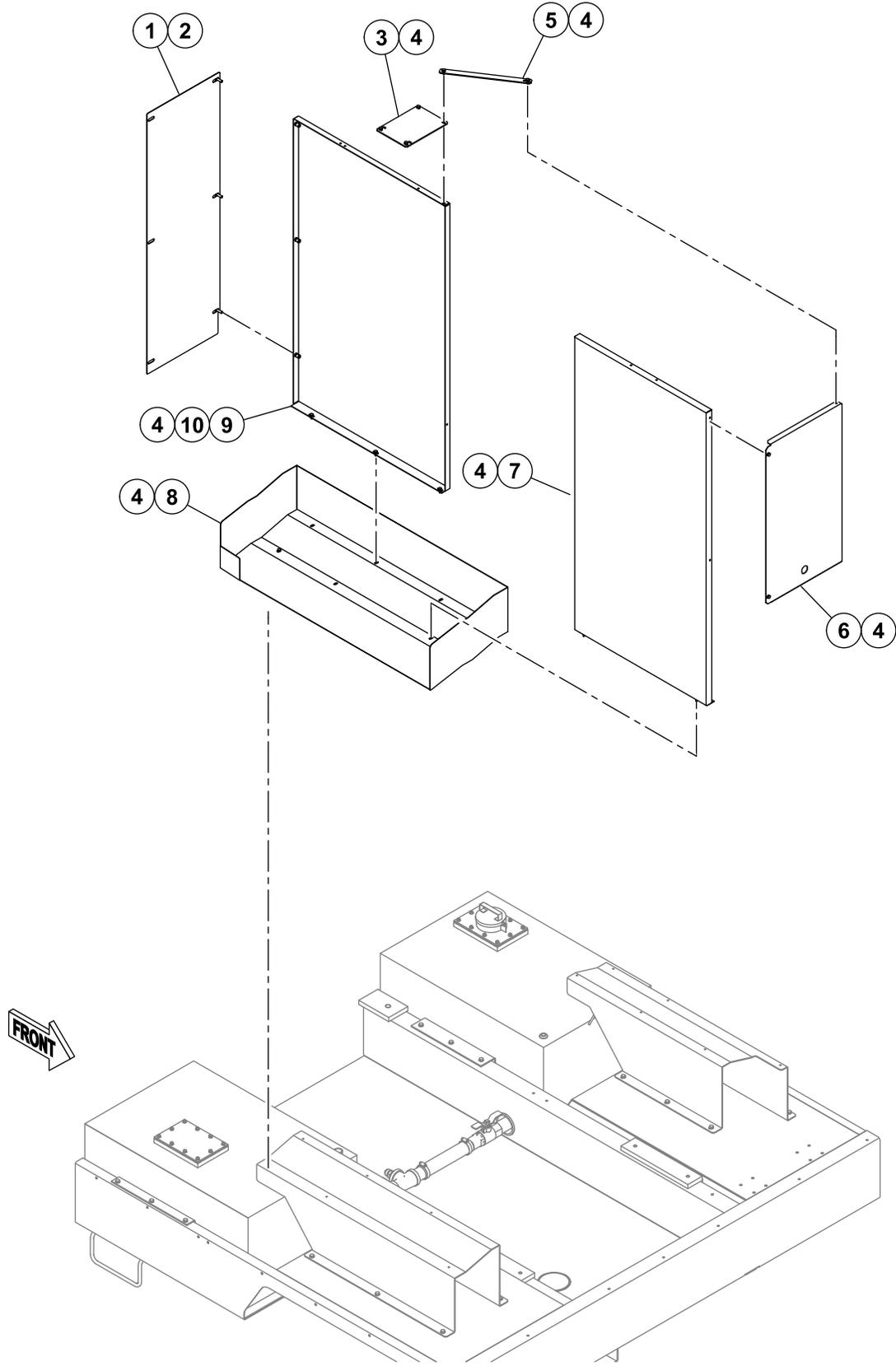
| ITEM | PART NO.   | DESCRIPTION                       | QTY | NOTES              |
|------|------------|-----------------------------------|-----|--------------------|
| 1    | 46562054GA | PANEL, REAR CORNER, STREETSIDE    | 1   |                    |
| 2    | 36895746   | NUTSERT, HEX                      | 33  |                    |
| 3    | 35279025   | SCREW, TAPPING                    | 13  |                    |
| 4    | 36849925   | HOLDER, DOOR, T-LATCH 2.50        | 1   |                    |
| 5    | 36843282   | RIVET                             | 8   |                    |
| 6    | 54718184   | STRAP, FOAM RETENTION             | 8   |                    |
| 7    | 92368687   | SCREW, TAPPING                    | 17  |                    |
| 8    | 46595139   | STRAP, FIBERGLASS PANEL RETENTION | 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                      | 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                             | 4   |                    |
| 18   | 46557279   | HINGE, DOOR                       | 1   |                    |

# ENCLOSURE, WAGON, STREETSIDE, AIR INTAKE BAFFLES



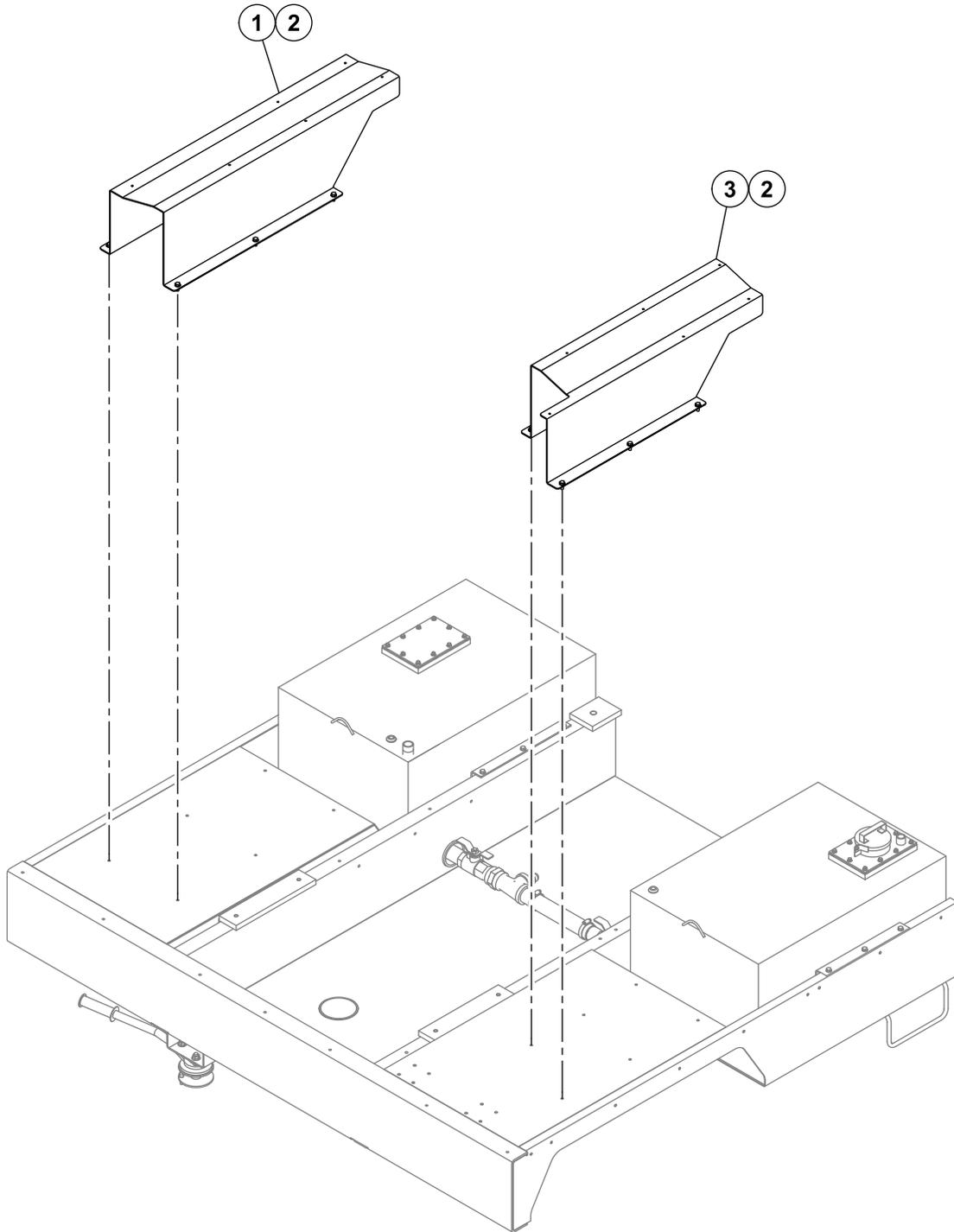
| ITEM | PART NO.   | DESCRIPTION                          | QTY | NOTES |
|------|------------|--------------------------------------|-----|-------|
| 1    | 46561060SB | SUPPORT, FRONT BAFFLE LEG            | 1   |       |
| 2    | 92368687   | SCREW, TAPPING                       | 17  |       |
| 3    | 54641006SA | SUPPORT, BAFFLE                      | 1   |       |
| 4    | 46570202SB | BAFFLE, DRIP PAN ACCESS, STREETSIDE  | 1   |       |
| 5    | 36889608   | SCREW, HEX                           | 3   |       |
| 6    | 22916019   | POUCH, LITERATURE                    | 1   |       |
| 7    | 46570201SB | BAFFLE, INNER INLET, STREETSIDE      | 1   |       |
| 8    | 36895746   | NUTSERT, HEX                         | 3   |       |
| 9    | 46570400SB | PAN, LOUVER BOTTOM, DRIP, STREETSIDE | 1   |       |
| 10   | 23294838   | SENSOR, TEMPERATURE                  | 1   |       |
| 11   | 36853505   | LOCKNUT, CONDUIT                     | 1   |       |
| 12   | 46570259SB | BAFFLE, OUTER INLET, STREETSIDE      | 1   |       |
| 13   | 46673235SB | BAFFLE, FRONT INLET                  | 1   |       |

# ENCLOSURE, WAGON, CURBSIDE, AIR INTAKE BAFFLES



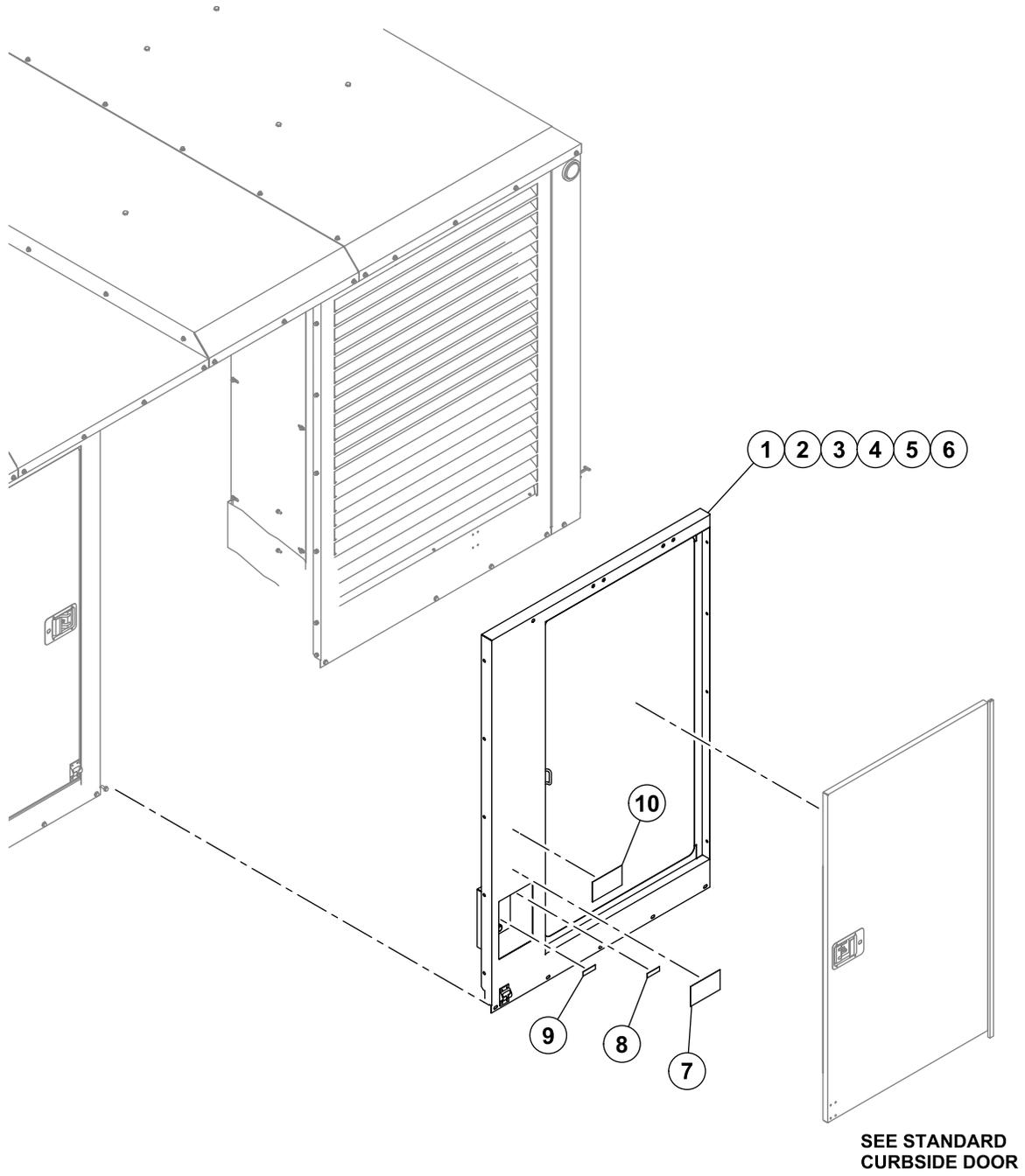
| ITEM | PART NO.   | DESCRIPTION                        | QTY | NOTES |
|------|------------|------------------------------------|-----|-------|
| 1    | 46570200SB | BAFFLE, DRIP PAN ACCESS, CURBSIDE  | 1   |       |
| 2    | 36889608   | SCREW, HEX                         | 3   |       |
| 3    | 54641006SA | SUPPORT, BAFFLE                    | 1   |       |
| 4    | 92368687   | SCREW, TAPPING                     | 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                       | 3   |       |

# ENCLOSURE, WAGON, DRIP PAN BASE



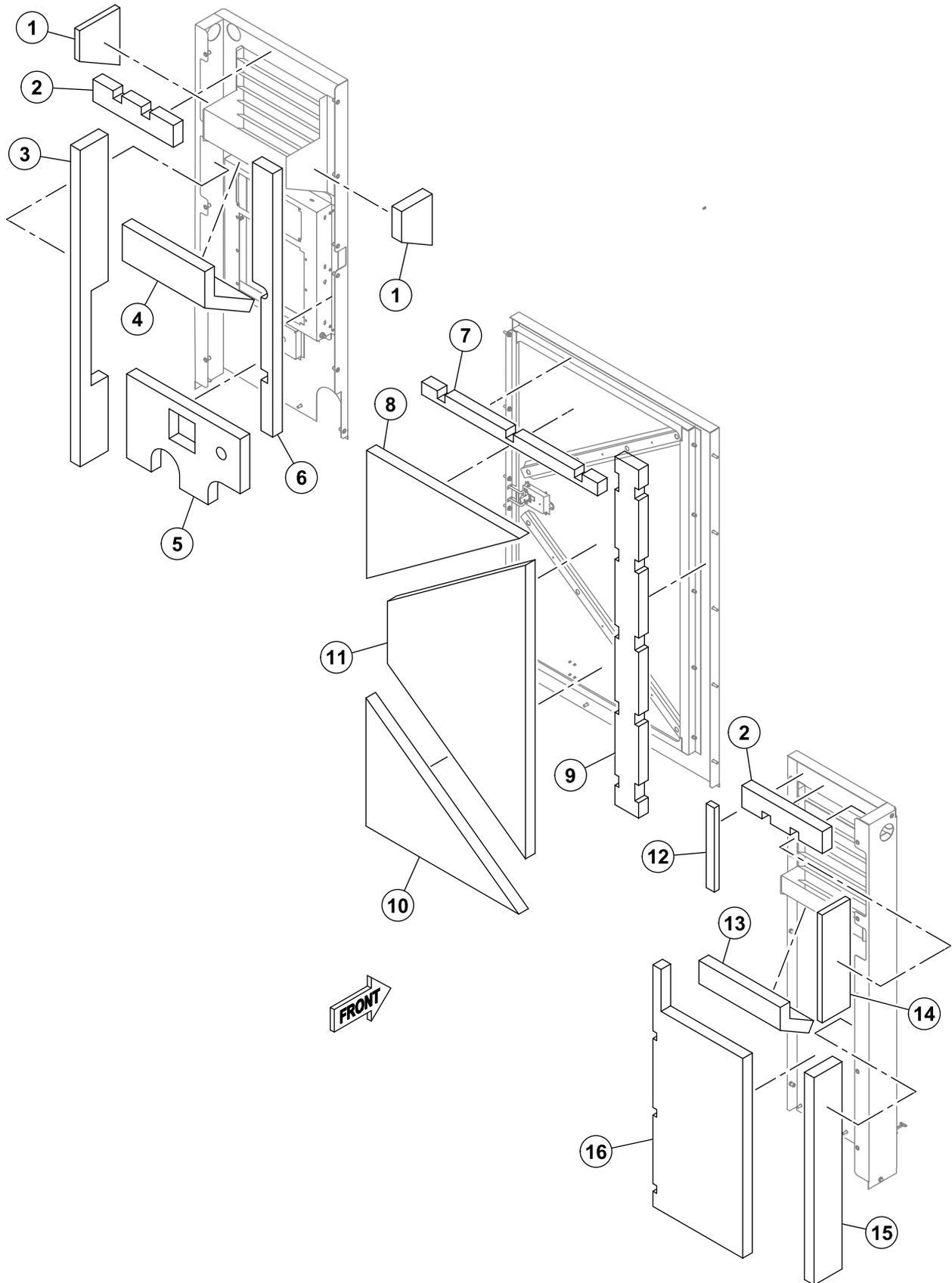
| ITEM | PART NO.   | DESCRIPTION                | QTY | NOTES |
|------|------------|----------------------------|-----|-------|
| 1    | 46652479SA | BASE, DRIP PAN, CURBSIDE   | 1   |       |
| 2    | 35279025   | SCREW, HEX                 | 12  |       |
| 3    | 46652480SA | BASE, DRIP PAN, STREETSIDE | 1   |       |

# ENCLOSURE, STANDARD, REMOTE FUEL, DOOR



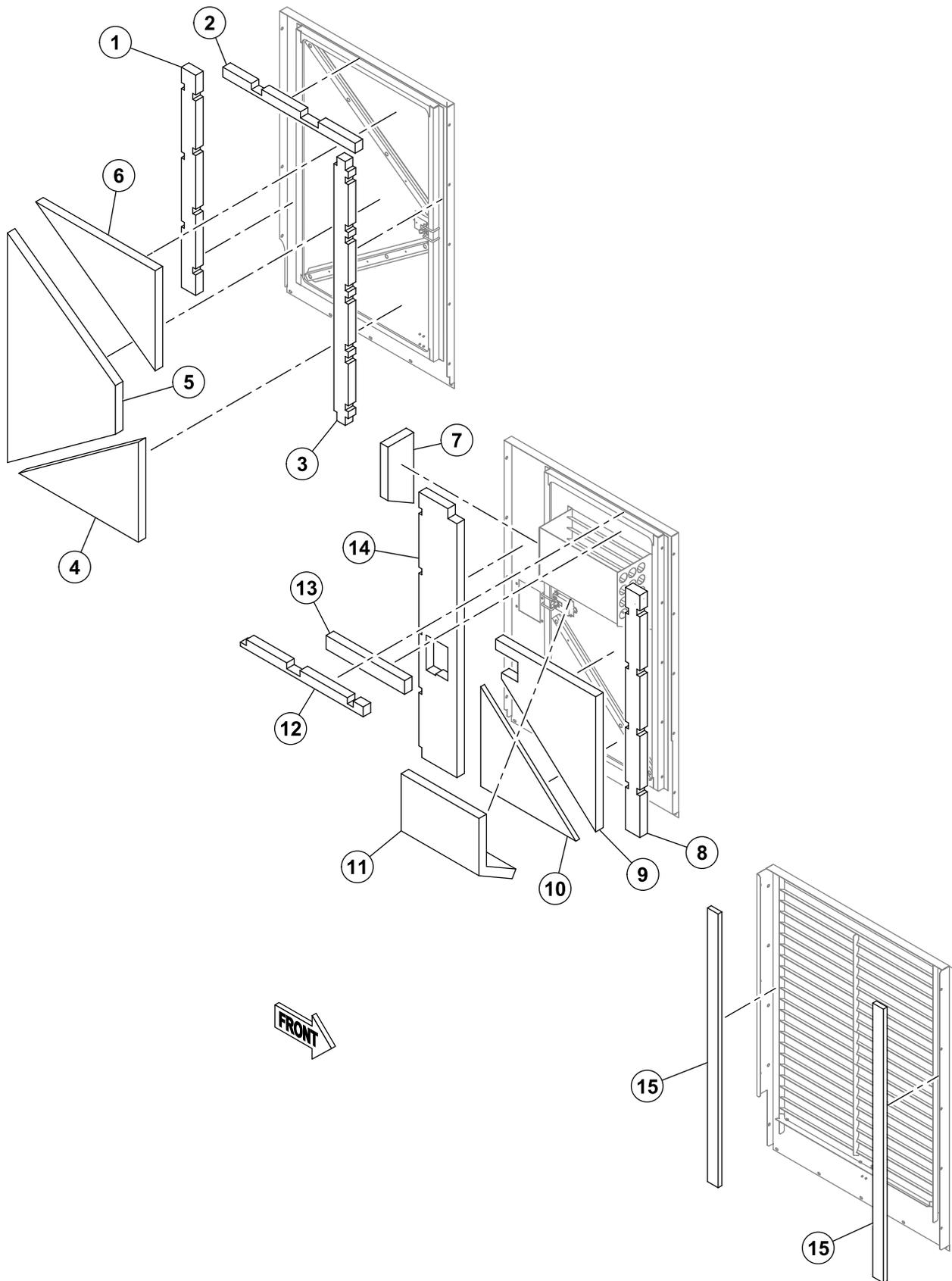
| ITEM | PART NO.   | DESCRIPTION                                | QTY | NOTES |
|------|------------|--|-----|-------|
| 1    | 46622969GA | FRAME, FRONT REMOTE FUEL DOOR,<br>CURBSIDE | 1   |       |
| 2    | 96727193   | SCREW, HEX                                 | 5   |       |
| 3    | 35279025   | SCREW, TAPPING                             | 5   |       |
| 4    | 36921344   | NUTSERT, HEX                               | 5   |       |
| 5    | 36849925   | HOLDER, DOOR, T-LATCH 2 - 1/2"             | 1   |       |
| 6    | 36843282   | RIVET                                      | 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   |       |

# ACOUSTIC PANELS, FRONT



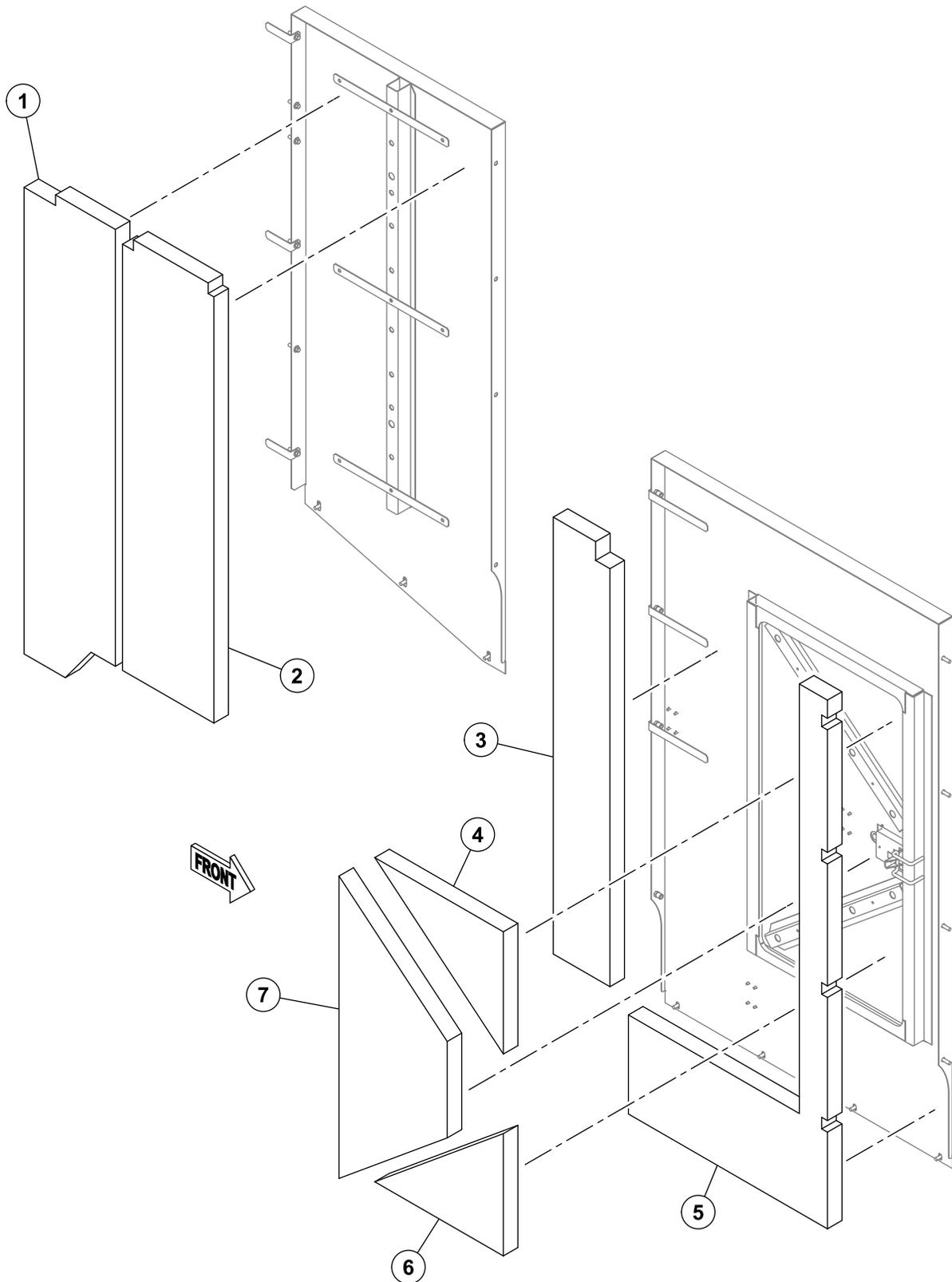
| ITEM | PART NO. | DESCRIPTION  | QTY | NOTES |
|------|----------|--|-----|-------|
| 1    | 46576463 | PANEL, FRONT CORNER LOUVER BOX<br>SIDE OUTER ACOUSTIC SS | 1   |       |
| 2    | 46576459 | PANEL, FRONT CORNER TOP ACOUSTIC                         | 2   |       |
| 3    | 46576480 | PANEL, FRONT CORNER ACOUSTIC SS                          | 1   |       |
| 4    | 46576461 | PANEL, FRONT CORNER LOUVER BOX<br>REAR ACOUSTIC SS       | 1   |       |
| 5    | 46576479 | PANEL, FRONT CORNER LOWER<br>ACOUSTIC SS                 | 1   |       |
| 6    | 46576481 | PANEL, FRONT CORNER INNER ACOUSTIC<br>SS                 | 1   |       |
| 7    | 46576460 | PANEL, FRONT CORNER LOUVER BOX<br>INNER ACOUSTIC SS      | 1   |       |
| 8    | 46576541 | PANEL, FRONT DOOR FRAME TOP<br>ACOUSTIC                  | 1   |       |
| 9    | 46574426 | PANEL, DOOR LOWER ACOUSTIC                               | 1   |       |
| 10   | 46576540 | PANEL, FRONT DOOR FRAME SIDE<br>ACOUSTIC CS              | 1   |       |
| 11   | 46574424 | PANEL, DOOR UPPER ACOUSTIC                               | 1   |       |
| 12   | 46574425 | PANEL, DOOR MIDDLE ACOUSTIC                              | 1   |       |
| 13   | 46576580 | PANEL, FRONT CORNER INNER ACOUSTIC<br>CS                 | 1   |       |
| 14   | 46576582 | PANEL, FRONT CORNER LOUVER BOX<br>REAR ACOUSTIC CS       | 1   |       |
| 15   | 46576542 | PANEL, FRONT CORNER TOP ACOUSTIC                         | 1   |       |
| 16   | 46576543 | PANEL, FRONT CORNER BOTTOM<br>ACOUSTIC CS                | 1   |       |
| 17   | 46576579 | PANEL, FRONT CORNER LOWER<br>ACOUSTIC CS                 | 1   |       |

# ACOUSTIC PANELS, STREETSIDE



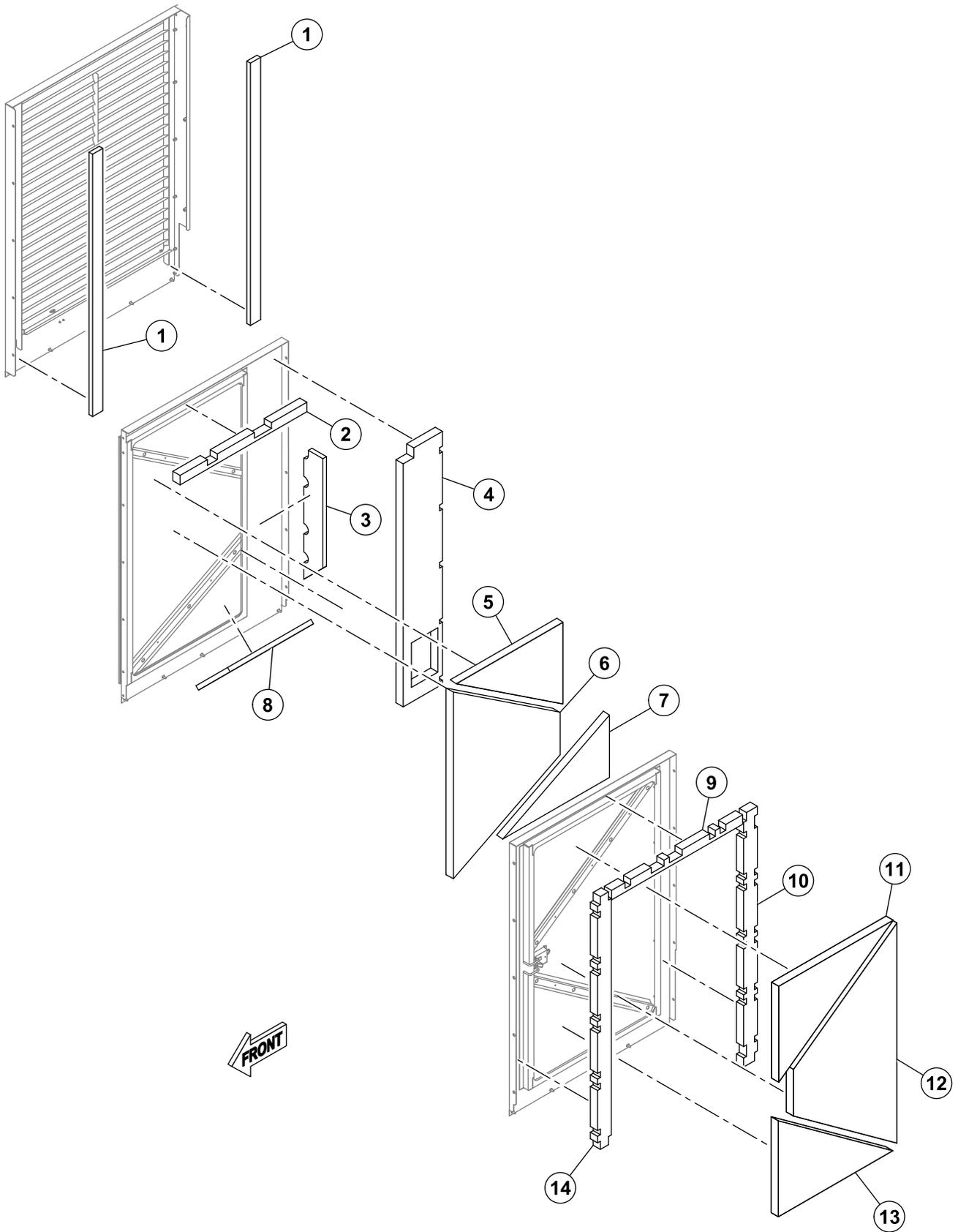
| ITEM | PART NO. | DESCRIPTION   | QTY | NOTES |
|------|----------|---|-----|-------|
| 1    | 46574421 | PANEL, ACOUSTI,C REAR DOOR FRAME<br>SS 2"               | 1   |       |
| 2    | 46574422 | PANEL, ACOUSTIC TOP REAR DOOR<br>FRAME SS 2"            | 1   |       |
| 3    | 46574427 | PANEL, ACOUSTIC REAR AND FRONT<br>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<br>SS 2"               | 1   |       |
| 9    | 46651745 | PANEL, ACOUSTIC MID LOUVER DOOR SS<br>2"                | 1   |       |
| 10   | 46651746 | PANEL, ACOUSTIC BOTTOM DOOR 1"                          | 1   |       |
| 11   | 46651744 | PANEL, ACOUSTIC DOOR LOUVER BOX<br>REAR SS 2"           | 1   |       |
| 12   | 46651774 | PANEL, ACOUSTIC TOP FRONT DOOR<br>FRAME SS 2"           | 1   |       |
| 13   | 46651754 | PANEL, ACOUSTIC TOP FRONT LOUVER<br>DOOR SS 2"          | 1   |       |
| 14   | 46651749 | PANEL, ACOUSTIC FWD DOOR FRAME SS<br>2"                 | 1   |       |
| 15   | 46574449 | PANEL, ACOUSTIC LOUVER SIDE SS 1"                       | 2   |       |

# ACOUSTIC PANELS, TANDEM, STREETSIDE, REAR



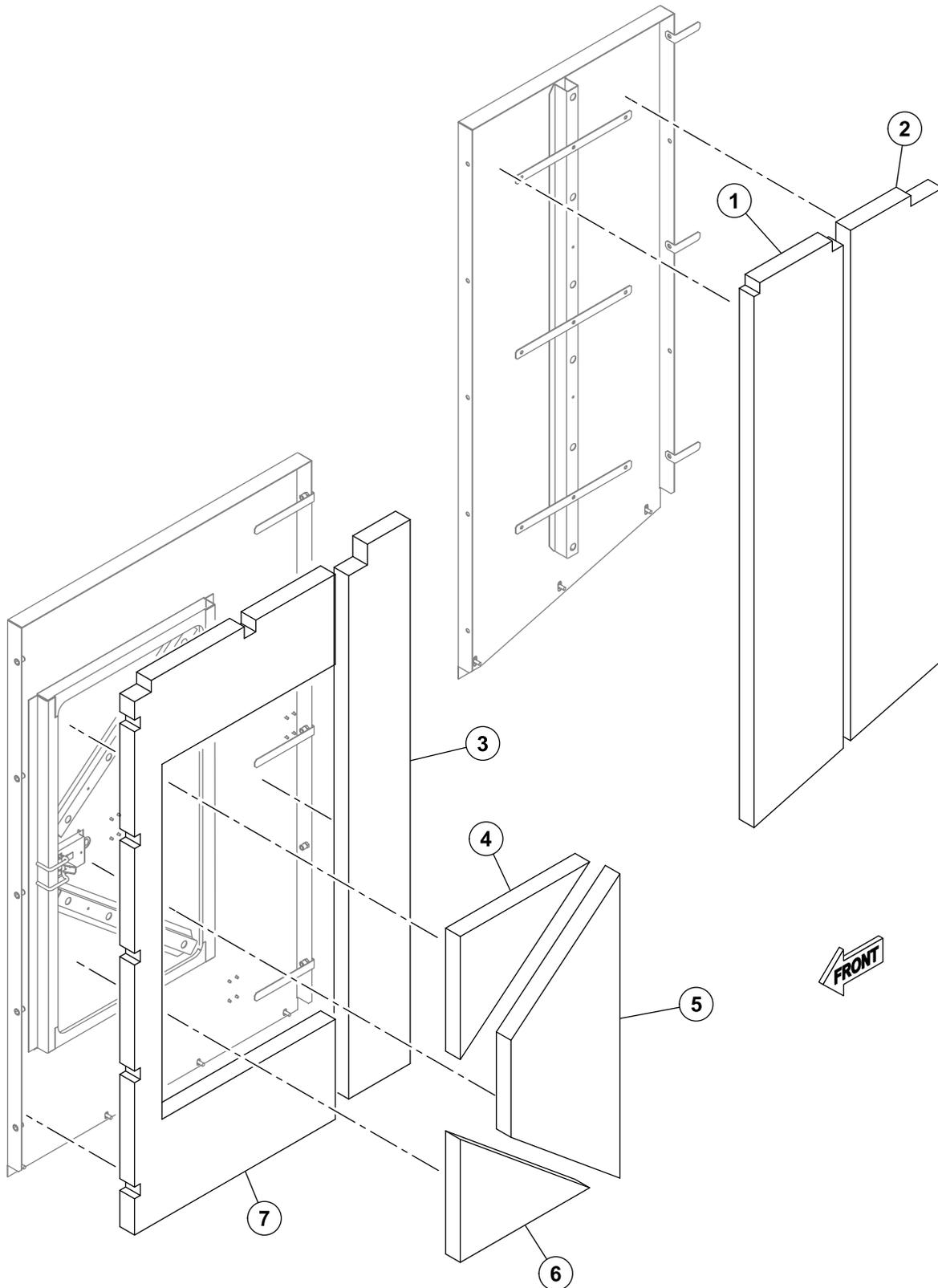
| ITEM | PART NO. | DESCRIPTION                                   | QTY | NOTES |
|------|----------|---|-----|-------|
| 1    | 46595023 | PANEL, FIBERGLASS, EXHAUST PLENUM<br>AFT SS   | 1   |       |
| 2    | 46595022 | PANEL, FIBERGLASS, EXHAUST PLENUM<br>FWD SS   | 1   |       |
| 3    | 46595024 | PANEL, COOLER ACCESS PANEL AFT<br>ACOUSTIC SS | 1   |       |
| 4    | 46574501 | PANEL, ACOUSTIC COOLER SIDE ACCESS<br>DOOR 2" | 1   |       |
| 5    | 46651748 | PANEL, DOOR FRM COOLER ACCESS SS 2"           | 1   |       |
| 6    | 46574499 | PANEL, ACOUSTIC COOLER SIDE ACCESS<br>DOOR 2" | 1   |       |
| 7    | 46574500 | PANEL, ACOUSTIC COOLER ACCESS MID<br>DOOR 2"  | 1   |       |

# ACOUSTIC PANELS, CURBSIDE



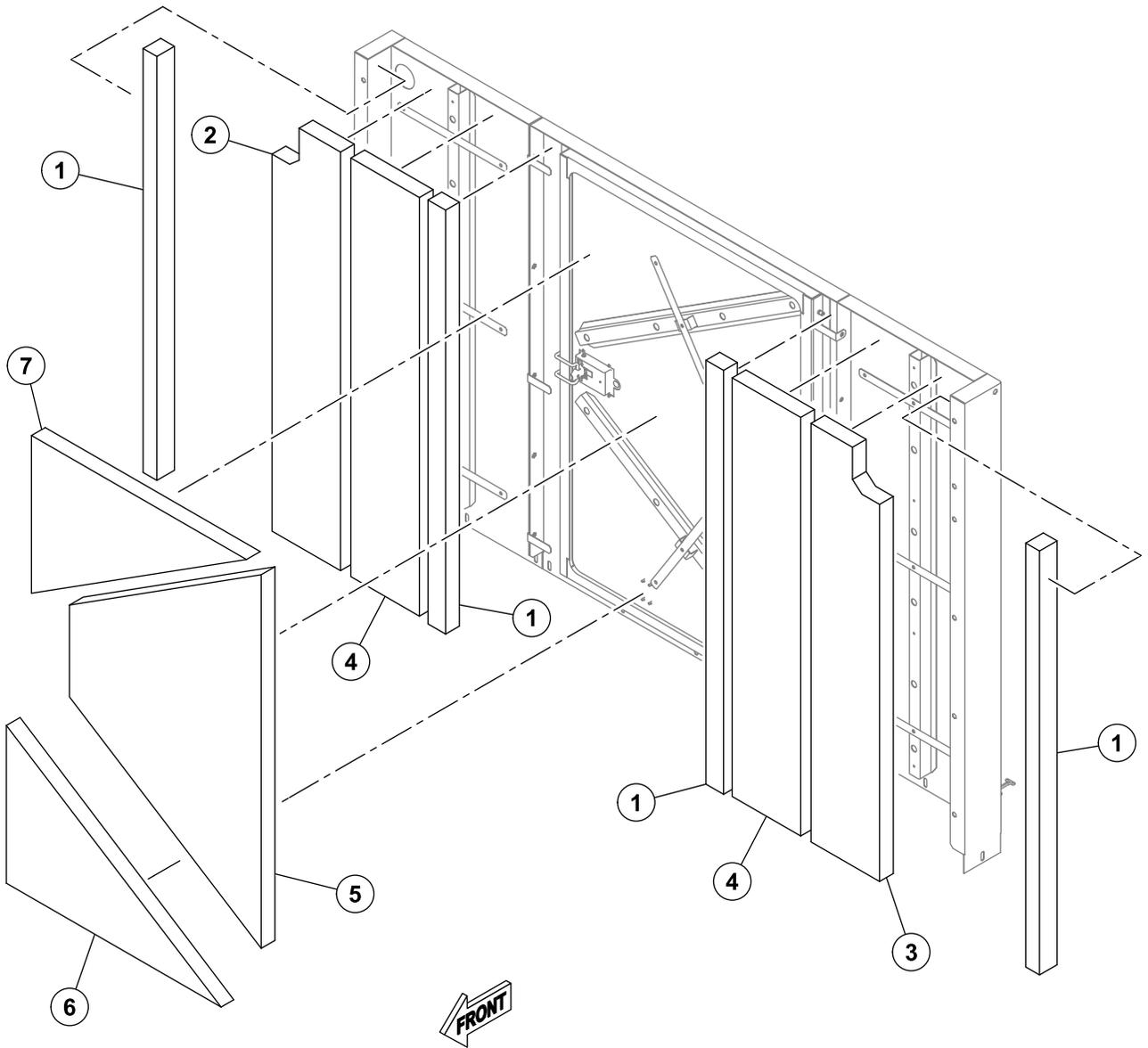
| ITEM | PART NO. | DESCRIPTION   | QTY | NOTES |
|------|----------|---|-----|-------|
| 1    | 46574449 | PANEL, ACOUSTIC LOUVER SIDE SS 1"                     | 2   |       |
| 2    | 46574422 | PANEL, ACOUSTIC TOP REAR DOOR<br>FRAME SS 2"          | 1   |       |
| 3    | 46663164 | FOAM, ACOUSTIC, LOUVER BOX SIDE, 1"                   | 1   |       |
| 4    | 46579823 | PANEL, ACOUSTIC, SIDE DOOR FRAME<br>REMOTE FUEL, 2"   | 1   |       |
| 5    | 46579819 | PANEL, ACOUSTIC, DOOR TOP, 2"                         | 1   |       |
| 6    | 46579820 | PANEL, ACOUSTIC, CS DOOR CENTER                       | 1   |       |
| 7    | 46579821 | PANEL, ACOUSTIC, CS DOOR BOTTOM                       | 1   |       |
| 8    | 46663166 | PANEL, ACOUSTIC, CS LOUVER BOTTOM,<br>1"              | 1   |       |
| 9    | 46574428 | PANEL, ACOUSTIC TOP FRONT DOOR<br>FRAME SS 2"         | 1   |       |
| 10   | 46577259 | PANEL, ACOUSTIC REAR DOOR FRAME<br>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<br>FRAME SIDE SS 2" | 1   |       |

# ACOUSTIC PANELS, TANDEM, CURBSIDE, REAR



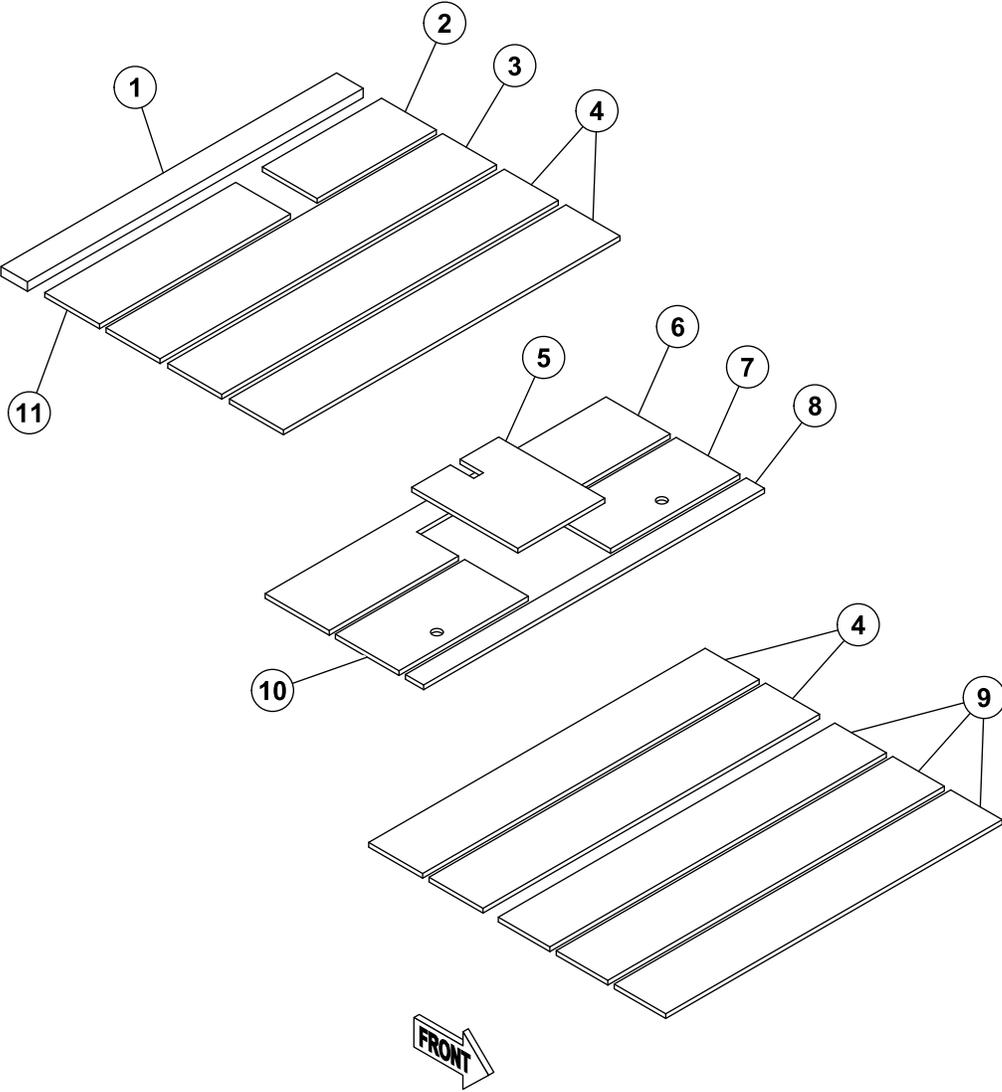
| ITEM | PART NO. | DESCRIPTION                                   | QTY | NOTES |
|------|----------|---|-----|-------|
| 1    | 46595020 | PANEL, FIBERGLASS, EXHAUST PLENUM<br>FWD CS   | 1   |       |
| 2    | 46595021 | PANEL, FIBERGLASS, EXHAUST PLENUM<br>AFT CS   | 1   |       |
| 3    | 46595019 | PANEL, COOLER ACCESS AFT ACOUSTIC<br>CS       | 1   |       |
| 4    | 46574499 | PANEL, ACOUSTIC COOLER SIDE ACCESS<br>DOOR 2" | 1   |       |
| 5    | 46574500 | PANEL, ACOUSTIC COOLER ACCESS MID<br>DOOR 2"  | 1   |       |
| 6    | 46574501 | PANEL, ACOUSTIC COOLER SIDE ACCESS<br>DOOR 2" | 1   |       |
| 7    | 46577260 | PANEL, ACOUSTIC COOLER ACCESS CS 2"           | 1   |       |

# ACOUSTIC PANELS, TANDEM, REAR



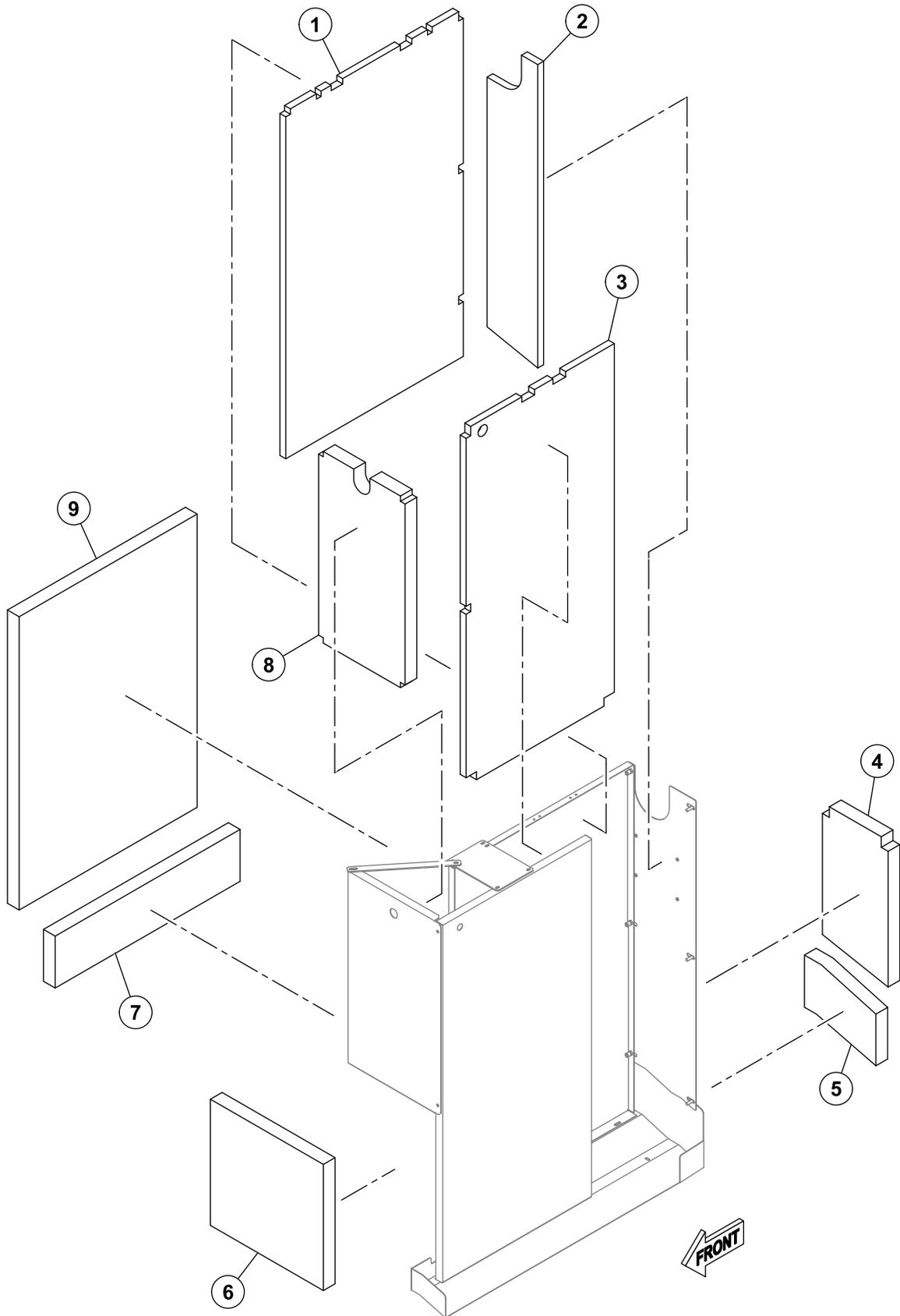
| ITEM | PART NO. | DESCRIPTION                                | QTY | NOTES |
|------|----------|--|-----|-------|
| 1    | 46595025 | PANEL, FIBERGLASS, VERTICAL FILLER         | 4   |       |
| 2    | 46595026 | PANEL, FIBERGLASS, REAR CORNER<br>OUTER CS | 1   |       |
| 3    | 46595027 | PANEL, FIBERGLASS, REAR CORNER<br>OUTER SS | 1   |       |
| 4    | 46594999 | PANEL, FIBERGLASS, REAR CORNER<br>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



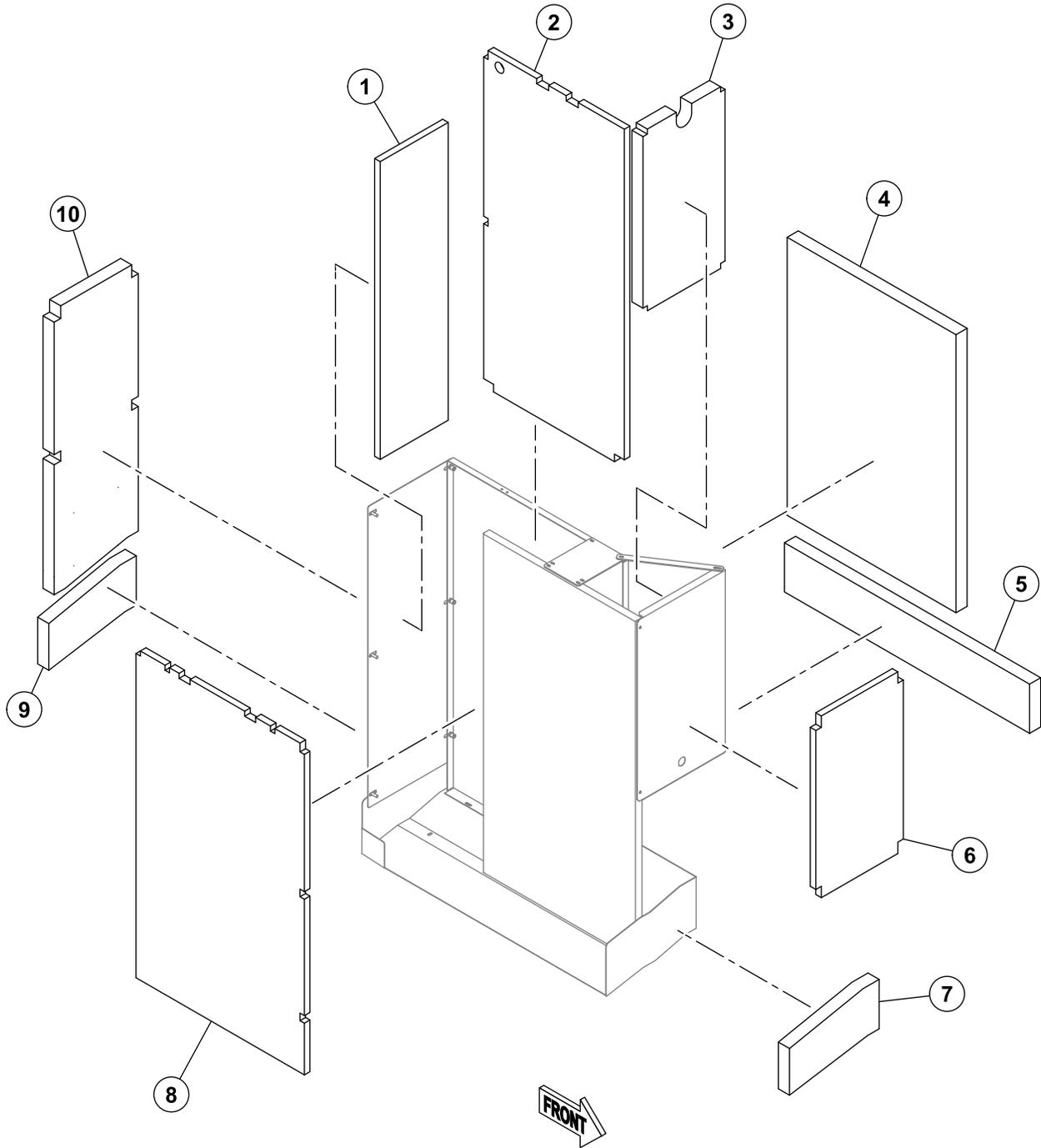
| ITEM | PART NO. | DESCRIPTION                         | QTY | NOTES |
|------|----------|-------------------------------------|-----|-------|
| 1    | 46602539 | PANEL, FBRGL REAR ROOF EXTENSION 2" | 1   |       |
| 2    | 46574101 | PANEL, ACOUSTIC REAR ROOF           | 1   |       |
| 3    | 46622920 | 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



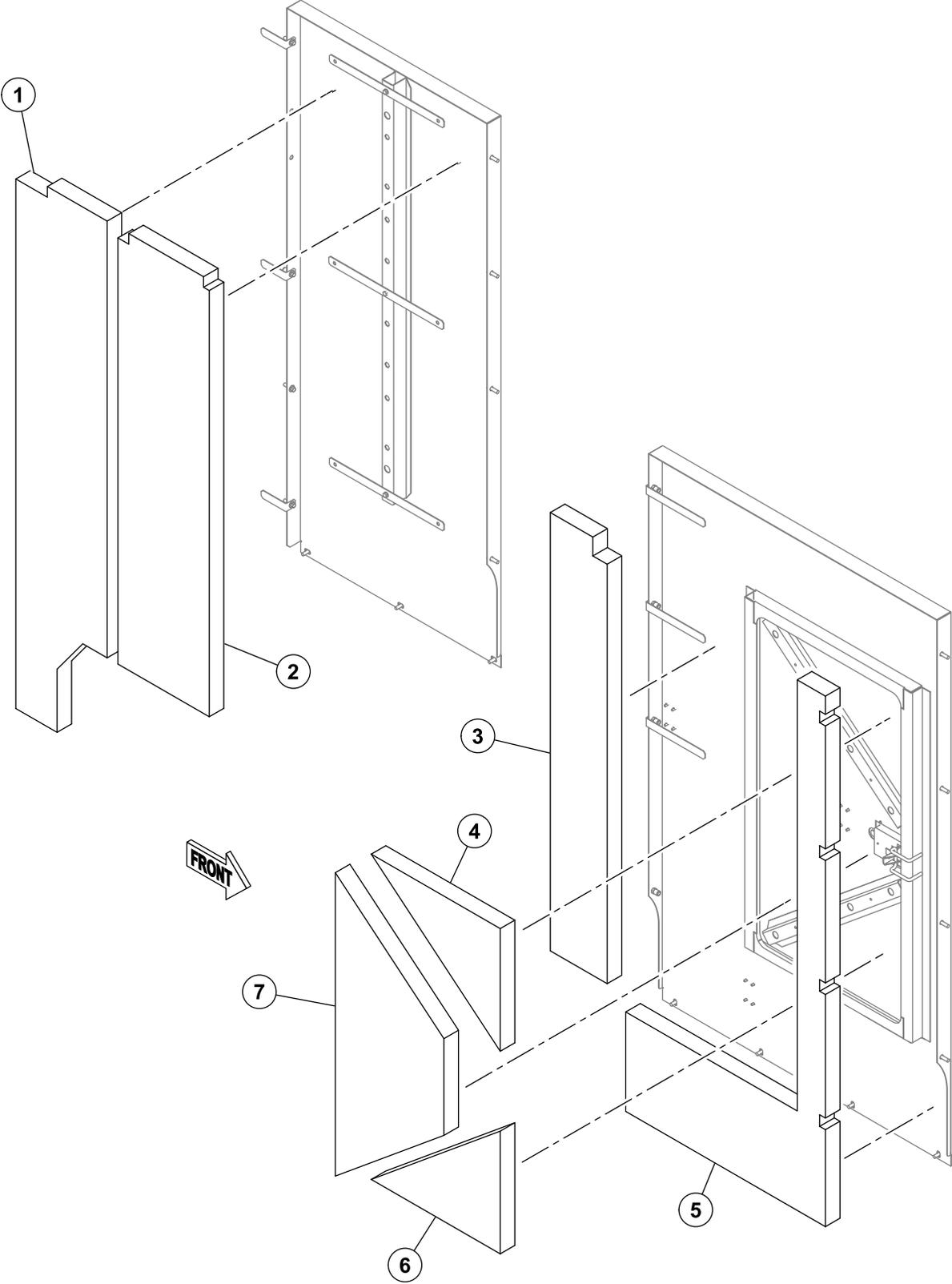
| ITEM | PART NO. | DESCRIPTION  | QTY | NOTES |
|------|----------|--|-----|-------|
| 1    | 46574482 | PANEL, ACOUSTIC INNER INLET BAFFLE 1"                  | 1   |       |
| 2    | 46574480 | PANEL, ACOUSTIC DRIP PAN ACCESS<br>INTERIOR SIDE SS 1" | 1   |       |
| 3    | 46574483 | PANEL, ACOUSTIC OUTER INLET BAFFLE 1"                  | 1   |       |
| 4    | 46574479 | PANEL, ACOUSTIC DRIP PAN EXTERIOR<br>SIDE ACCESS SS 2" | 1   |       |
| 5    | 46574485 | PANEL, ACOUSTIC DRIP PAN SIDE SS 2"                    | 1   |       |
| 6    | 46577521 | PANEL, ACOUSTIC CTRL PANEL COVER<br>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<br>SS 2"            | 1   |       |

# ACOUSTIC PANELS, CURBSIDE, INTAKE BAFFLES



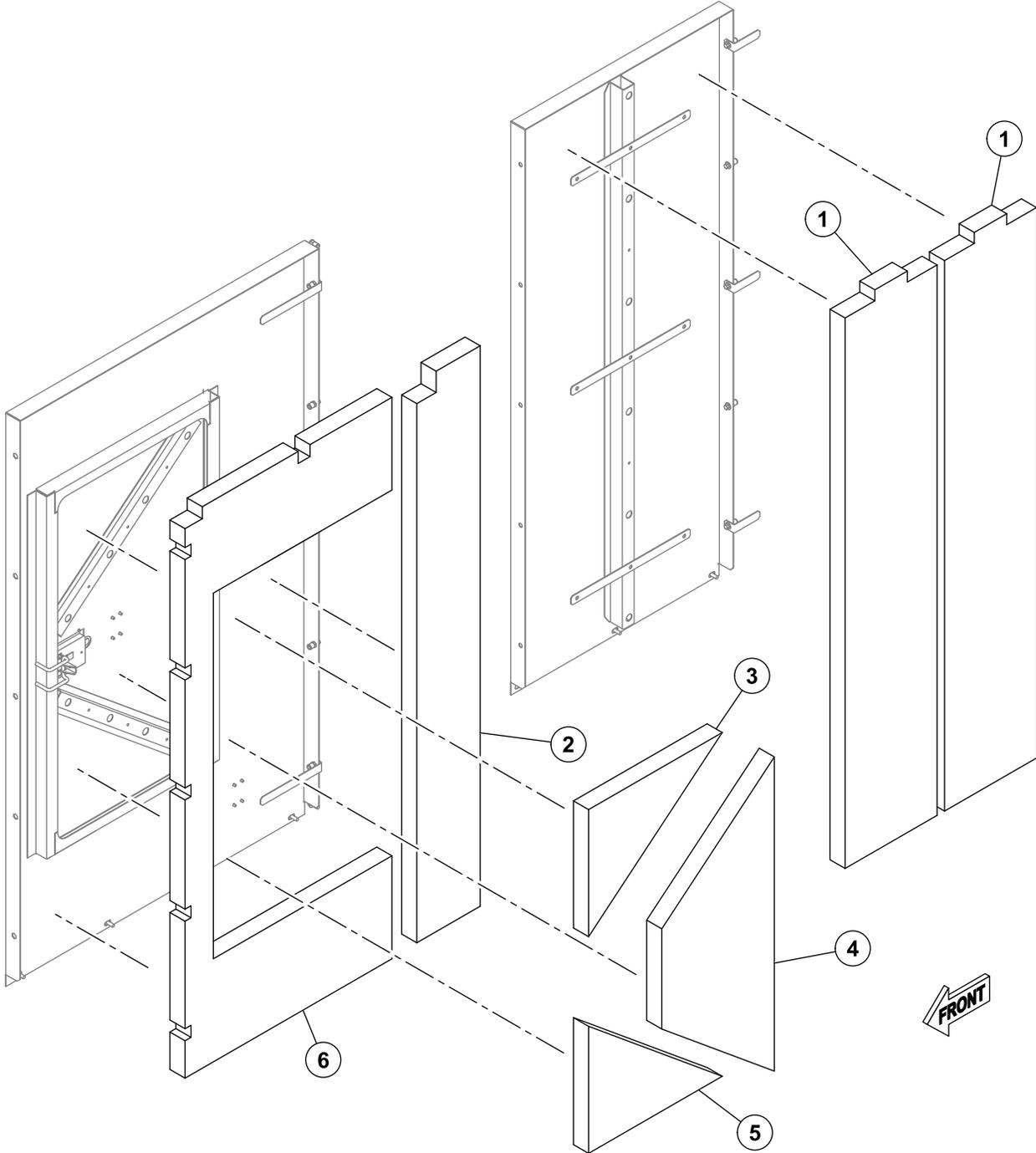
| ITEM | PART NO. | DESCRIPTION  | QTY | NOTES |
|------|----------|--|-----|-------|
| 1    | 46579440 | PANEL, ACOUSTIC DRIP PAN ACCESS<br>INTERIOR SIDE CS 1" | 1   |       |
| 2    | 46574483 | PANEL, ACOUSTIC OUTER INLET BAFFLE<br>1"               | 1   |       |
| 3    | 46577520 | PANEL, ACOUSTIC FRONT INLET BAFFLE<br>2"               | 1   |       |
| 4    | 46574481 | PANEL, ACOUSTIC INNER INLET BAFFLE<br>SS 2"            | 1   |       |
| 5    | 46577201 | PANEL, ACOUSTIC DRIP PAN REAR CS 2"                    | 1   |       |
| 6    | 46577519 | PANEL, ACOUSTIC FRONT INLET BAFFLE<br>1"               | 1   |       |
| 7    | 46577264 | PANEL, ACOUSTIC DRIP PAN FRONT SIDE<br>CS 2"           | 1   |       |
| 8    | 46574482 | PANEL, ACOUSTIC INNER INLET BAFFLE 1"                  | 1   |       |
| 9    | 46577263 | PANEL, ACOUSTIC DRIP PAN REAR SIDE<br>CS 2"            | 1   |       |
| 10   | 46579439 | PANEL, ACOUSTIC DRIP PAN EXTERIOR<br>SIDE ACCESS CS 2" | 1   |       |

# ACOUSTIC PANELS, WAGON, STREETSIDE, REAR



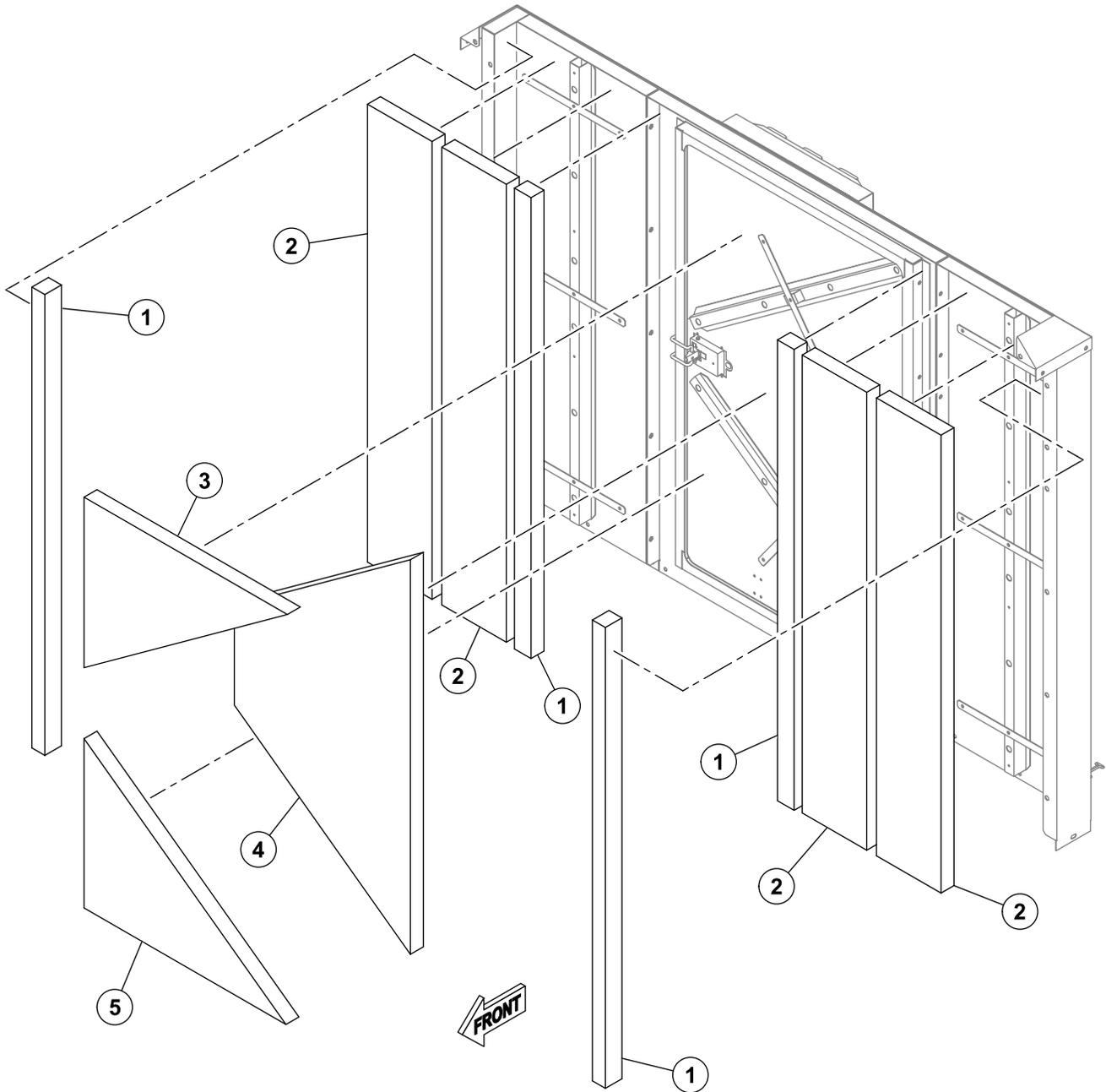
| ITEM | PART NO. | DESCRIPTION                                   | QTY | NOTES |
|------|----------|---|-----|-------|
| 1    | 46597339 | PANEL, ACOUSTIC, AFT SS                       | 1   |       |
| 2    | 46595022 | PANEL, ACOUSTIC, SS                           | 1   |       |
| 3    | 46595024 | PANEL, COOLER ACCESS PANEL AFT<br>ACOUSTIC SS | 1   |       |
| 4    | 46574501 | PANEL, ACOUSTIC COOLER SIDE ACCESS<br>DOOR 2" | 1   |       |
| 5    | 46651748 | PANEL, DOOR FRM COOLER ACCESS SS 2"           | 1   |       |
| 6    | 46574499 | PANEL, ACOUSTIC COOLER SIDE ACCESS<br>DOOR 2" | 1   |       |
| 7    | 46574500 | PANEL, ACOUSTIC COOLER ACCESS MID<br>DOOR 2"  | 1   |       |

**ACOUSTIC PANELS, WAGON, CURBSIDE, REAR**



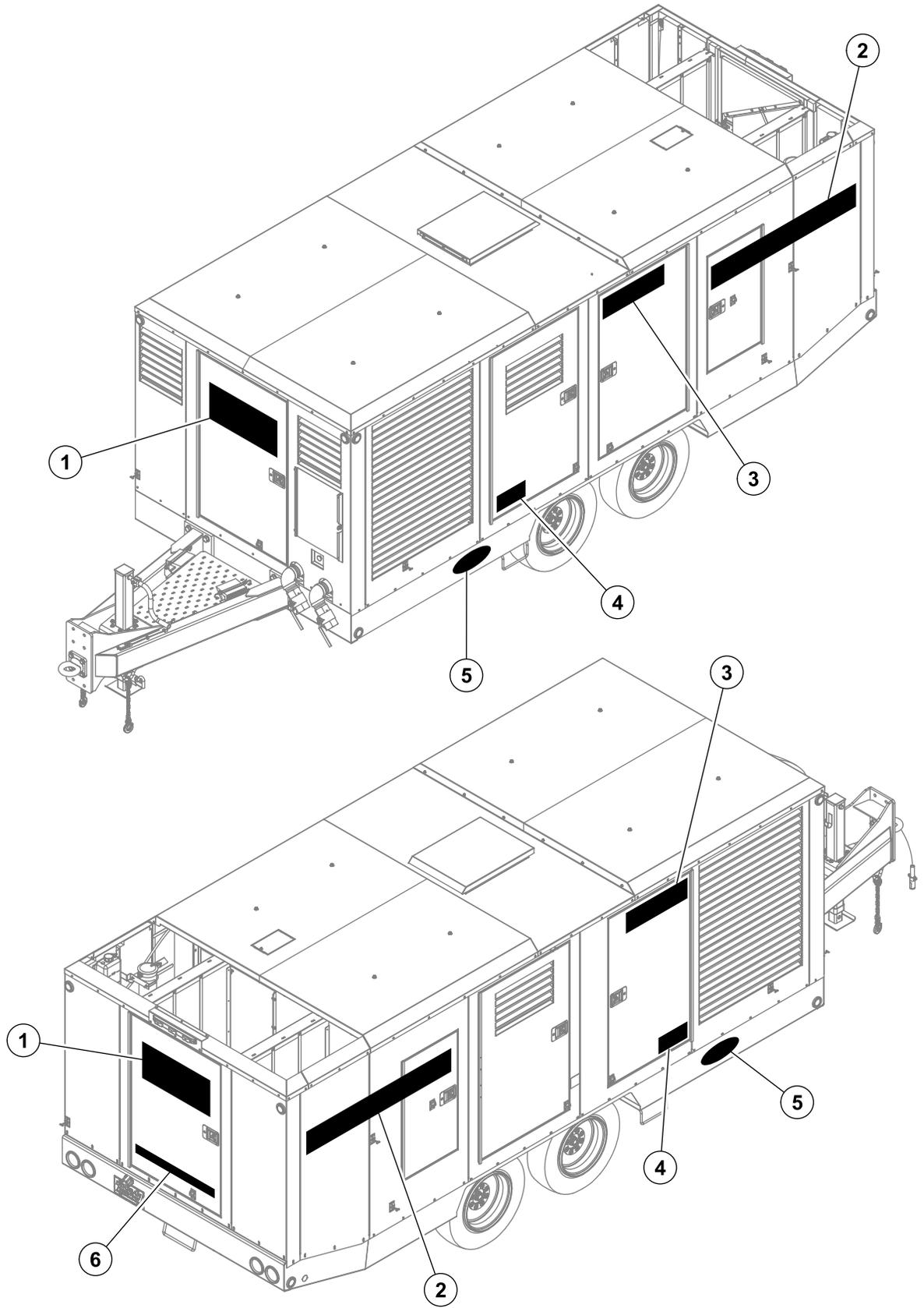
| ITEM | PART NO. | DESCRIPTION                                   | QTY | NOTES |
|------|----------|---|-----|-------|
| 1    | 46597199 | PANEL, ACOUSTIC, AFT CS                       | 2   |       |
| 2    | 46595019 | PANEL, ACOUSTIC, COOLER ACCESS, CS            | 1   |       |
| 3    | 46574499 | PANEL, ACOUSTIC COOLER SIDE ACCESS<br>DOOR 2" | 1   |       |
| 4    | 46574500 | PANEL, ACOUSTIC COOLER ACCESS MID<br>DOOR 2"  | 1   |       |
| 5    | 46574501 | PANEL, ACOUSTIC COOLER SIDE ACCESS<br>DOOR 2" | 1   |       |
| 6    | 46577260 | PANEL, ACOUSTIC COOLER ACCESS CS 2"           | 1   |       |

# ACOUSTIC PANELS, WAGON, REAR



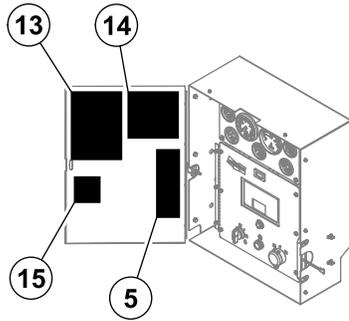
| ITEM | PART NO. | DESCRIPTION                         | QTY | NOTES |
|------|----------|-------------------------------------|-----|-------|
| 1    | 46597220 | PANEL, FIBERGLASS, VERTICAL FILLER  | 4   |       |
| 2    | 46597222 | PANEL, FIBERGLASS, REAR             | 4   |       |
| 3    | 46597223 | PANEL, FIBERGLASS, REAR DOOR TOP    | 1   |       |
| 4    | 46597224 | PANEL, FIBERGLASS, REAR DOOR MIDDLE | 1   |       |
| 5    | 46597225 | PANEL, FIBERGLASS, DOOR BOTTOM      | 1   |       |

# DECALS, BRANDING

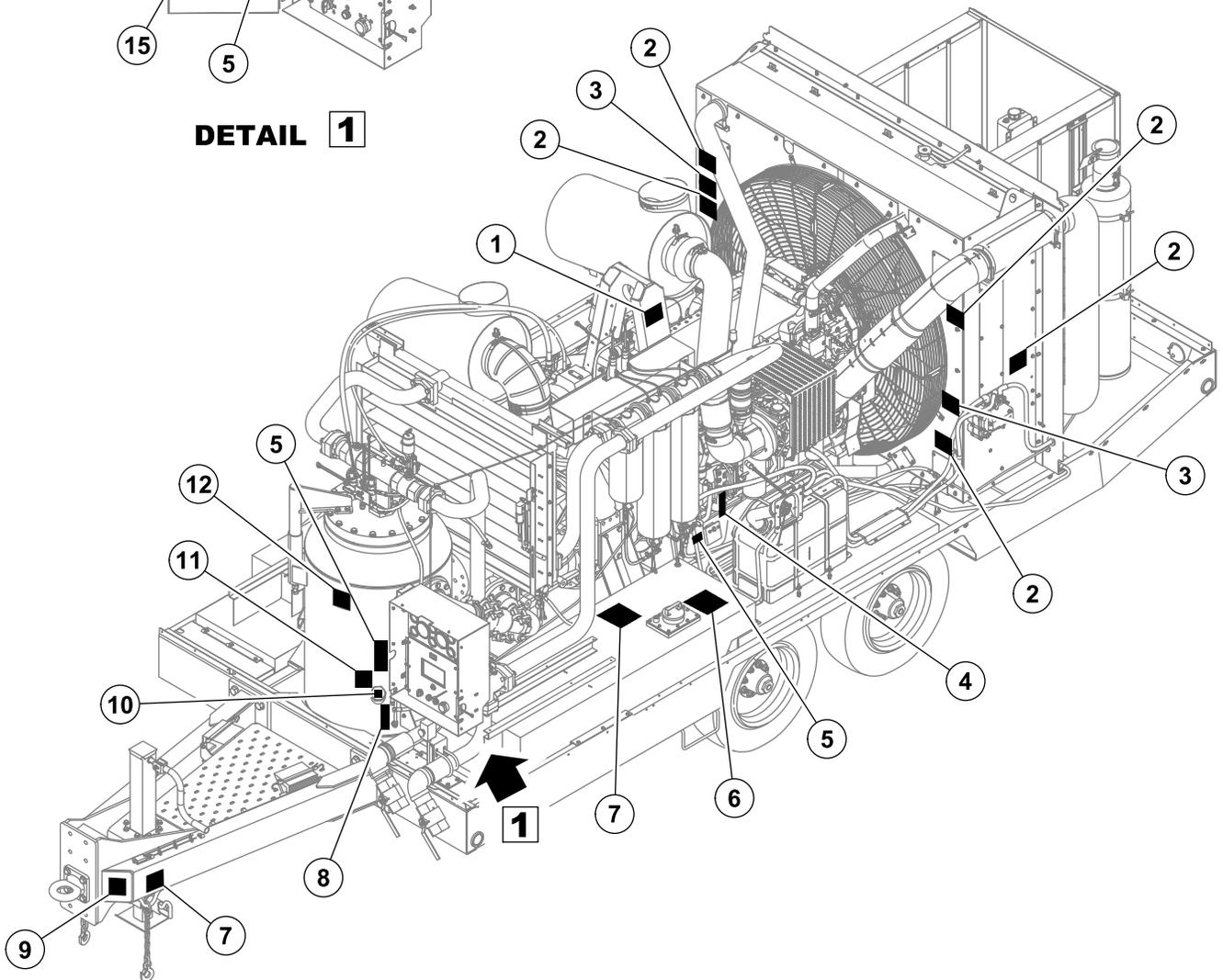


| ITEM | PART NO. | DESCRIPTION                               | QTY | NOTES |
|------|----------|---|-----|-------|
| 1    | 46573862 | DECAL, 24" X 11" DOOSAN TRI-COLORED BOXES | 2   |       |
| 2    | 46573925 | DECAL, 55" DOOSAN LOGO                    | 2   |       |
| 3    | 46574082 | DECAL, HP1600 GRADIENT MODEL NUMBER       | 2   |       |
| 4    | 54413117 | DECAL, GALVANNEALED                       | 2   |       |
| 5    | 22711659 | DECAL, ENVIRONMENTAL                      | 2   |       |
| 6    | 46554780 | DECAL, DOOSAN 33" BLACK WEBSITE           | 1   |       |

# DECALS, INTERIOR SAFETY STREETSIDE

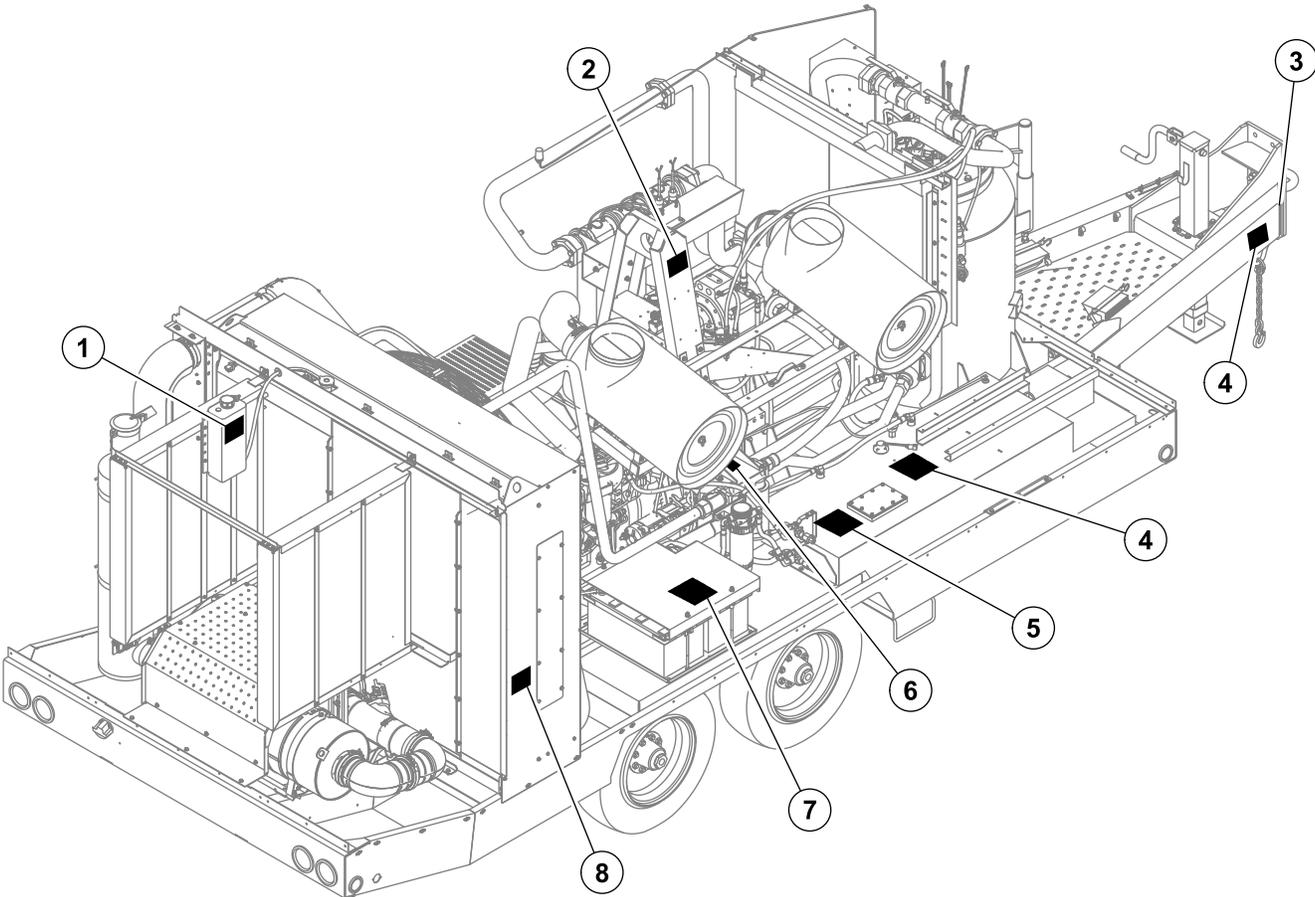


**DETAIL 1**



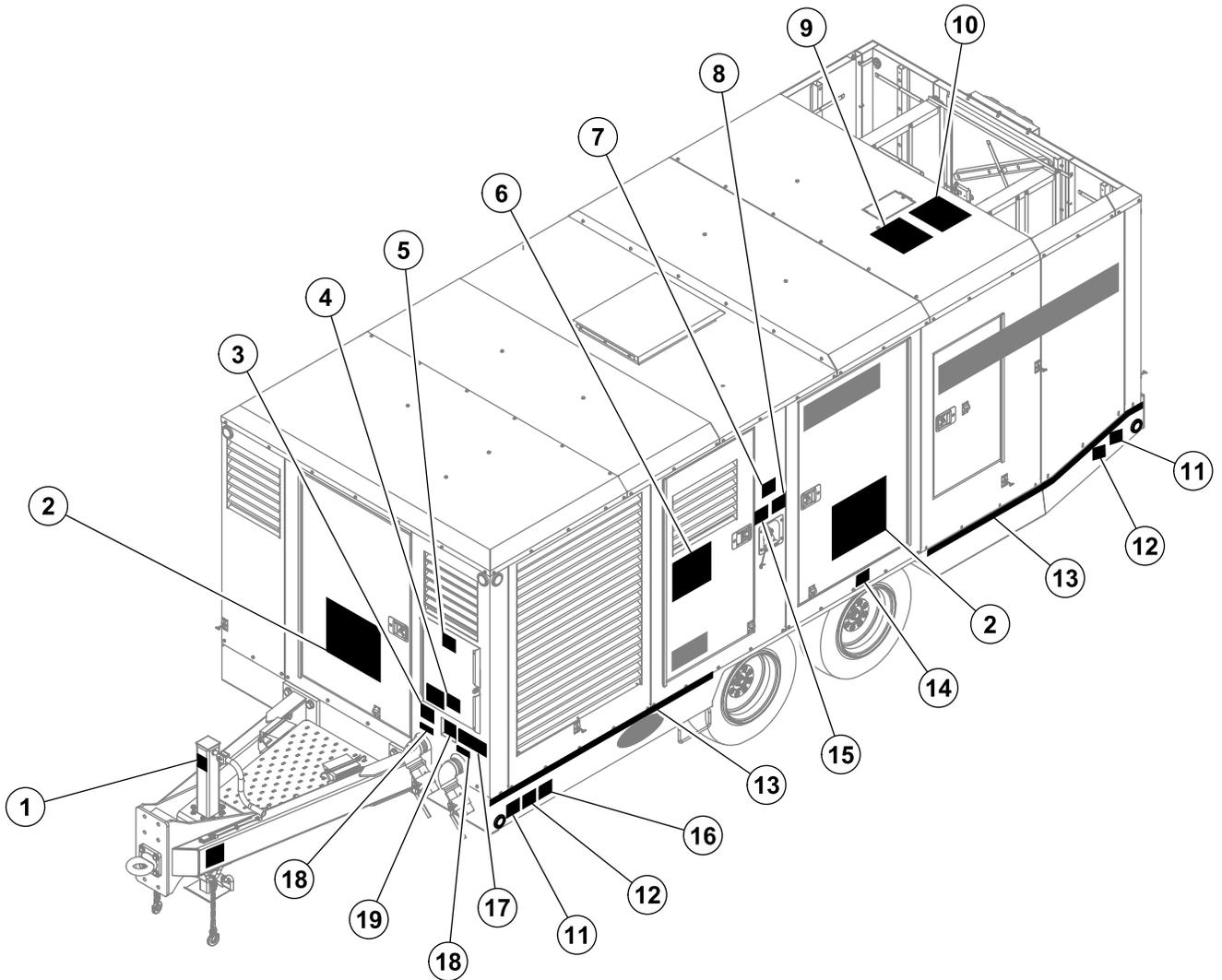
| ITEM | PART NO. | DESCRIPTION                                 | QTY | NOTES              |
|------|----------|---|-----|--------------------|
| 1    | 54699400 | DECAL, ISO LIFT POINT                       | 1   |                    |
| 2    | 54568779 | DECAL, ROTATING FAN                         | 5   |                    |
| 3    | 46576740 | DECAL, GUARDS IN PLACE                      | 2   |                    |
| 4    | 46586599 | TAG, TIER 4 ENGINE OIL                      | 1   |                    |
| 5    | 46559970 | DECAL, T4 ENGINE & COMPRESSOR OIL           | 3   |                    |
| 6    | 46556990 | DECAL, ULTRA LOW SULFUR DIESEL FUEL         | 1   |                    |
| 7    | 46565099 | DECAL, CANADIAN TRANSPORT                   | 2   |                    |
| 8    | 22383319 | DECAL, OIL LEVEL                            | 1   |                    |
| 9    | 54604921 | DECAL, TOW NOTICE                           | 1   | TANDEM ONLY        |
| 10   | 54604970 | DECAL, ISO OIL FILL                         | 1   |                    |
| 11   | 54568795 | DECAL, ISO HIGH PRESSURE AIR                | 1   |                    |
| 12   | 22054365 | DECAL, IQ OPERATION                         | 1   | IQ/AC OPTIONS ONLY |
| 13   | 46650305 | DECAL, OPERATING INSTRUCTIONS               | 1   |                    |
| 14   | 46652618 | DECAL, OPERATOR PANEL<br>INTERPRETATION T4F | 1   |                    |
| 15   | 54568787 | DECAL, IMPROPER OPERATION                   | 1   |                    |

# DECALS, INTERIOR SAFETY CURBSIDE



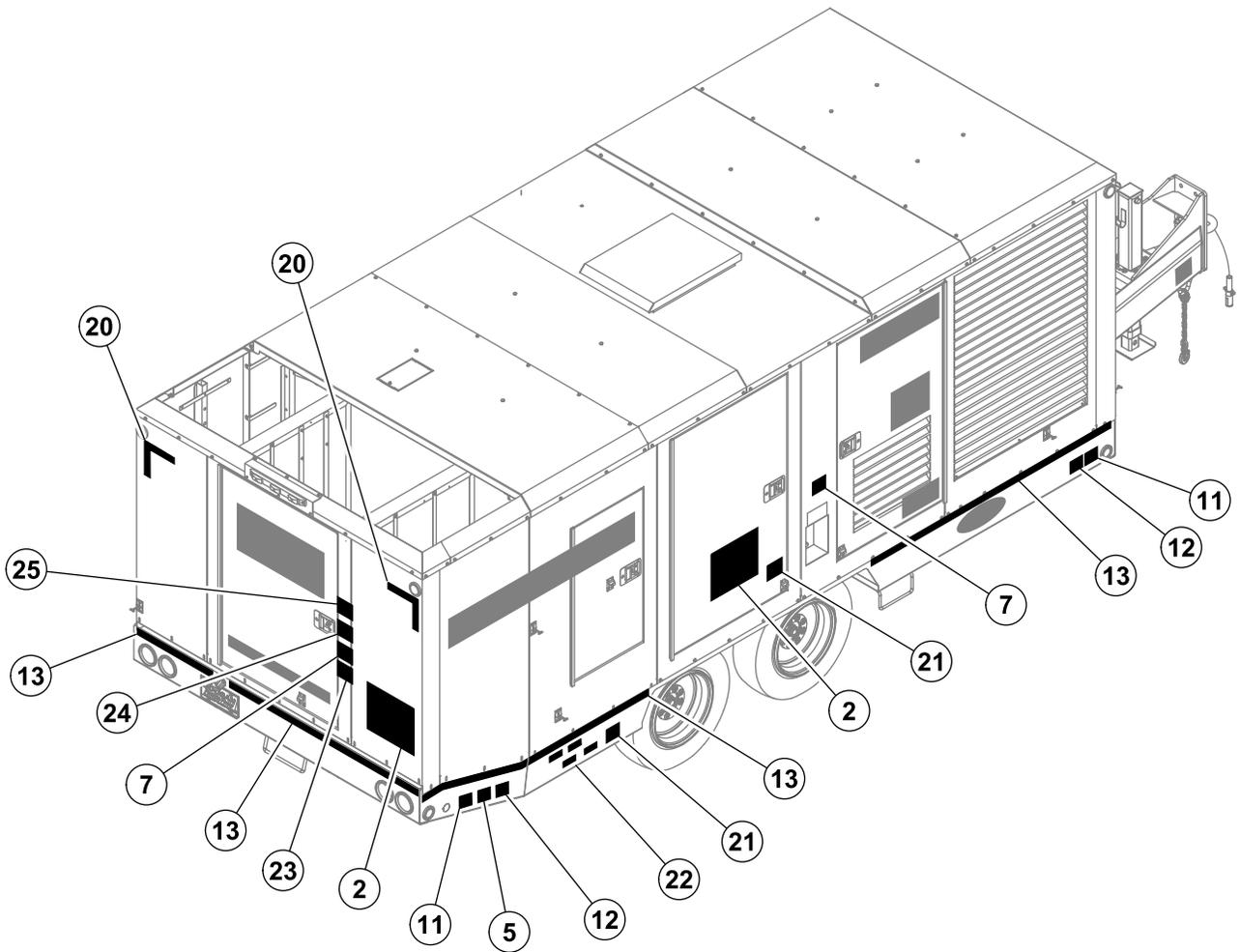
| ITEM | PART NO. | DESCRIPTION                         | QTY | NOTES       |
|------|----------|-------------------------------------|-----|-------------|
| 1    | 22265565 | DECAL, OVERFLOW BOTTLE              | 1   |             |
| 2    | 54699400 | DECAL, ISO LIFT POINT               | 1   |             |
| 3    | 54604921 | DECAL, TOW NOTICE                   | 1   | TANDEM ONLY |
| 4    | 46565099 | DECAL, CANADIAN TRANSPORT           | 2   |             |
| 5    | 46556990 | DECAL, ULTRA LOW SULFUR DIESEL FUEL | 1   |             |
| 6    | 46621316 | DECAL, BATTERY DISCONNECT           | 1   |             |
| 7    | 54568753 | DECAL, ISO COMBUSTIBLE              | 1   |             |
| 8    | 54568779 | DECAL, ROTATING FAN                 | 1   |             |

# DECALS, EXTERIOR SAFETY AND OPTIONS STREETSIDE



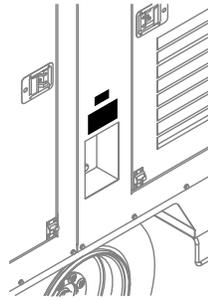
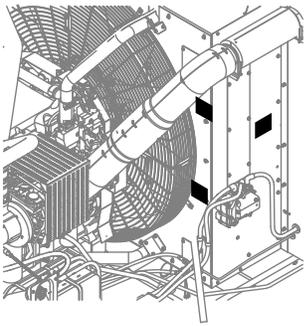
| ITEM | PART NO.  | DESCRIPTION                  | QTY | NOTES                 |
|------|-----------|------------------------------|-----|-----------------------|
| 1    | 54568803  | DECAL, COLLAPSING JACK       | 1   | TANDEM ONLY           |
| 2    | 36534642  | DECAL, IQ LOGO               | 2   | 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    | 466766779 | DECAL, AUTOSTART             | 2   | AUTOSTART OPTION ONLY |
| 7    | 54604939  | DECAL, ISO FALL OFF UNIT     | 3   |                       |
| 8    | 46666162  | DECAL, DEF CORROSION         | 1   |                       |
| 9    | 54568761  | DECAL, HOT PRESSURIZED FLUID | 1   |                       |
| 10   | 54604962  | DECAL, HOT RADIATOR FILL     | 1   |                       |
| 11   | 22164305  | DECAL, CONTAINMENT           | 2   |                       |
| 12   | 54749205  | DECAL, NO WELD               | 2   |                       |
| 13   | 36893329  | DECAL, CONSPICUITY 2"        | 395 | MEASURED IN INCHES    |
| 14   | 46656828  | DECAL, DEF DRAIN             | 1   |                       |
| 15   | 46652201  | DECAL, DIESEL EXHAUST FLUID  | 1   |                       |
| 16   | 23241045  | DECAL, VIN                   | 1   |                       |
| 17   | 54629902  | DECAL, 3-PART WARNING        | 1   |                       |
|      | 54774591  | DECAL, IQ AIR VALVES         | 1   | IQ OPTION ONLY        |
| 18   | 23255219  | DECAL, AC AIR VALVES         | 2   | AC OPTION ONLY        |
| 19   | 46586563  | DECAL, EMERGENCY STOP        | 1   |                       |

# DECALS, EXTERIOR SAFETY AND OPTIONS CURBSIDE

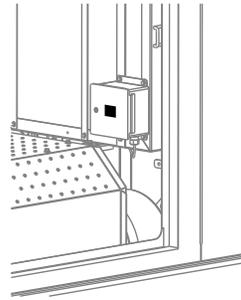


| ITEM | PART NO. | DESCRIPTION                       | QTY | NOTES              |
|------|----------|-----------------------------------|-----|--------------------|
| 1    | 22164305 | DECAL, CONTAINMENT                | 2   |                    |
| 2    | 54749205 | DECAL, NO WELD                    | 2   |                    |
| 3    | 36893329 | DECAL, CONSPICUITY 2"             | 395 | MEASURED IN INCHES |
| 4    | 54604939 | DECAL, ISO FALL OFF UNIT          | 2   |                    |
| 5    | 46491635 | DECAL, CENTRAL DRAIN              | 1   |                    |
| 6    | 36534642 | DECAL, IQ LOGO                    | 2   | IQ OPTION ONLY     |
|      | 23255193 | DECAL, AC LOGO                    | 2   | AC OPTION ONLY     |
| 7    | 35859354 | DECAL, SEPARATOR TANK DRAIN       | 1   |                    |
| 8    | 36534675 | DECAL, IQ VALVE OPERATION         | 1   | IQ OPTION ONLY     |
|      | 23255227 | DECAL, AC VALVE OPERATION         | 1   | AC OPTION ONLY     |
| 9    | 46559883 | DECAL, EXHAUST GAS                | 1   |                    |
| 10   | 54604988 | DECAL, DOOR UNDER PRESSURE        | 1   |                    |
| 11   | 22334916 | DECAL, HOT SURFACE                | 1   |                    |
| 12   | 36893337 | DECAL, CONSPICUITY WHITE 2" X 12" | 2   |                    |

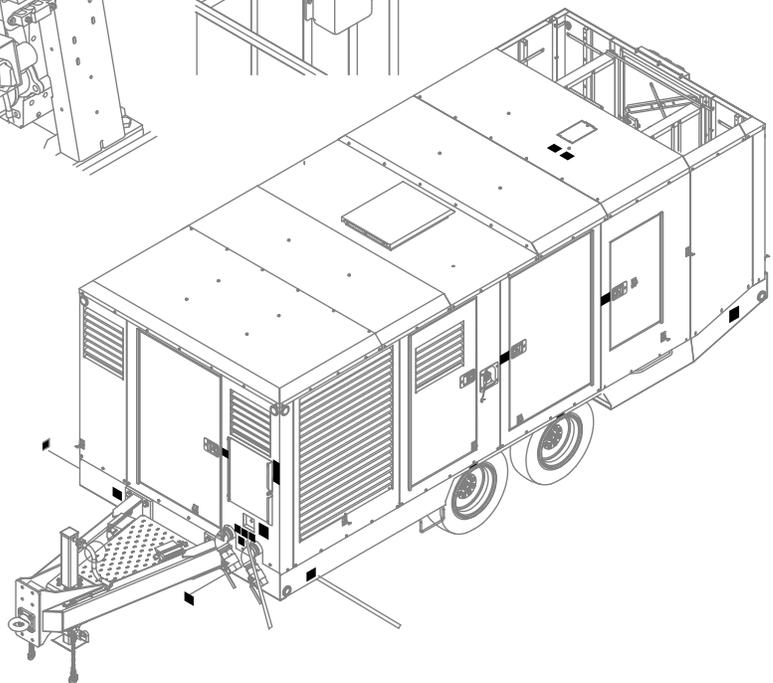
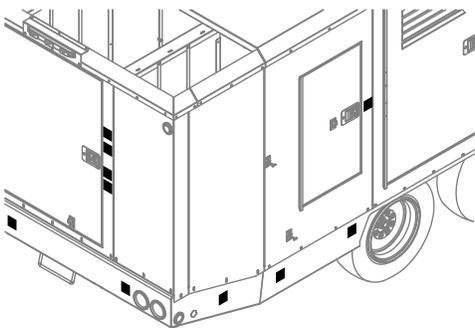
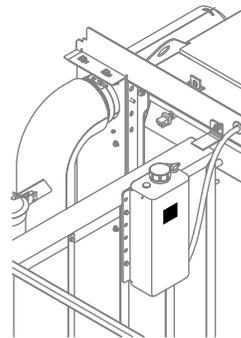
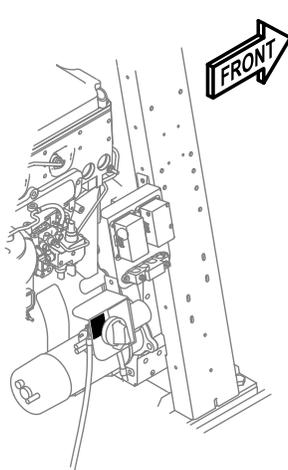
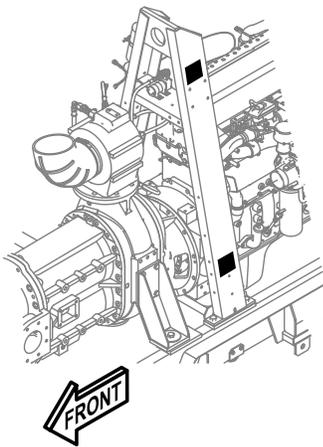
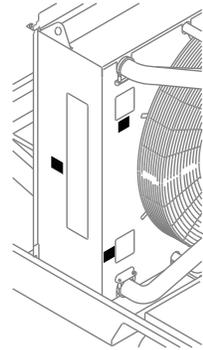
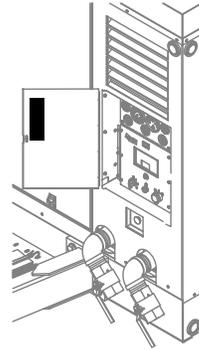
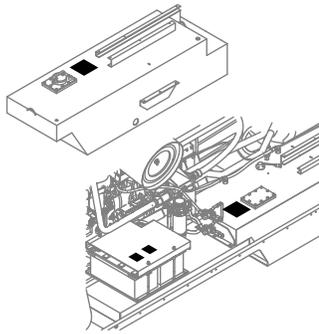
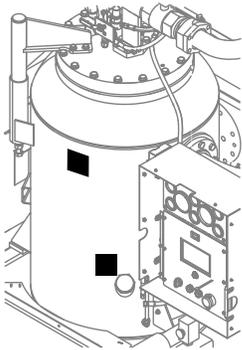
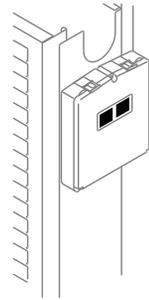
# DECALS, EEC



Optional



Optional



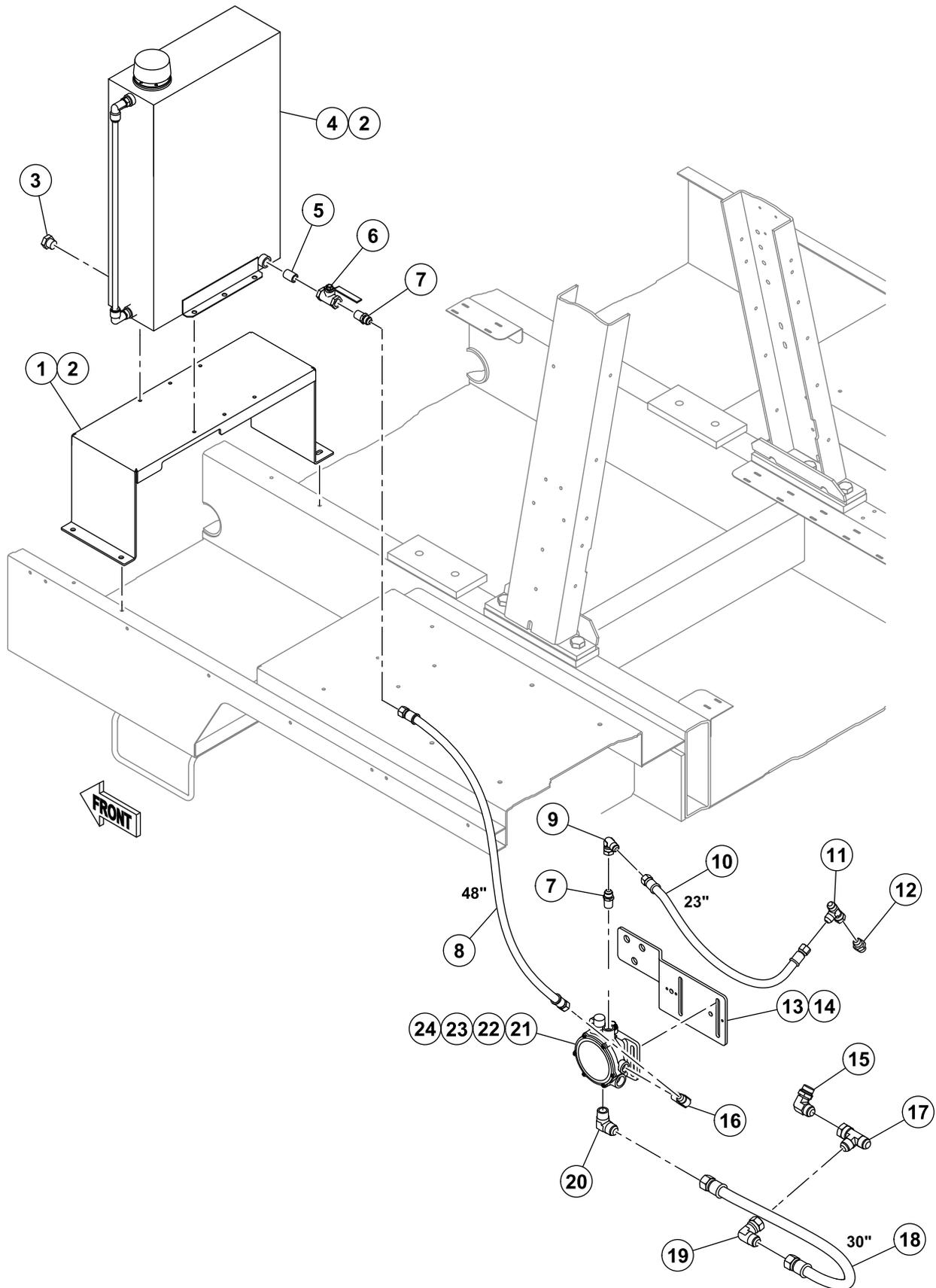
| ITEM | PART NO. | DESCRIPTION      | QTY | NOTES |
|------|----------|------------------|-----|-------|
| 1    | 46691762 | DECAL SHEET, EEC | 1   |       |

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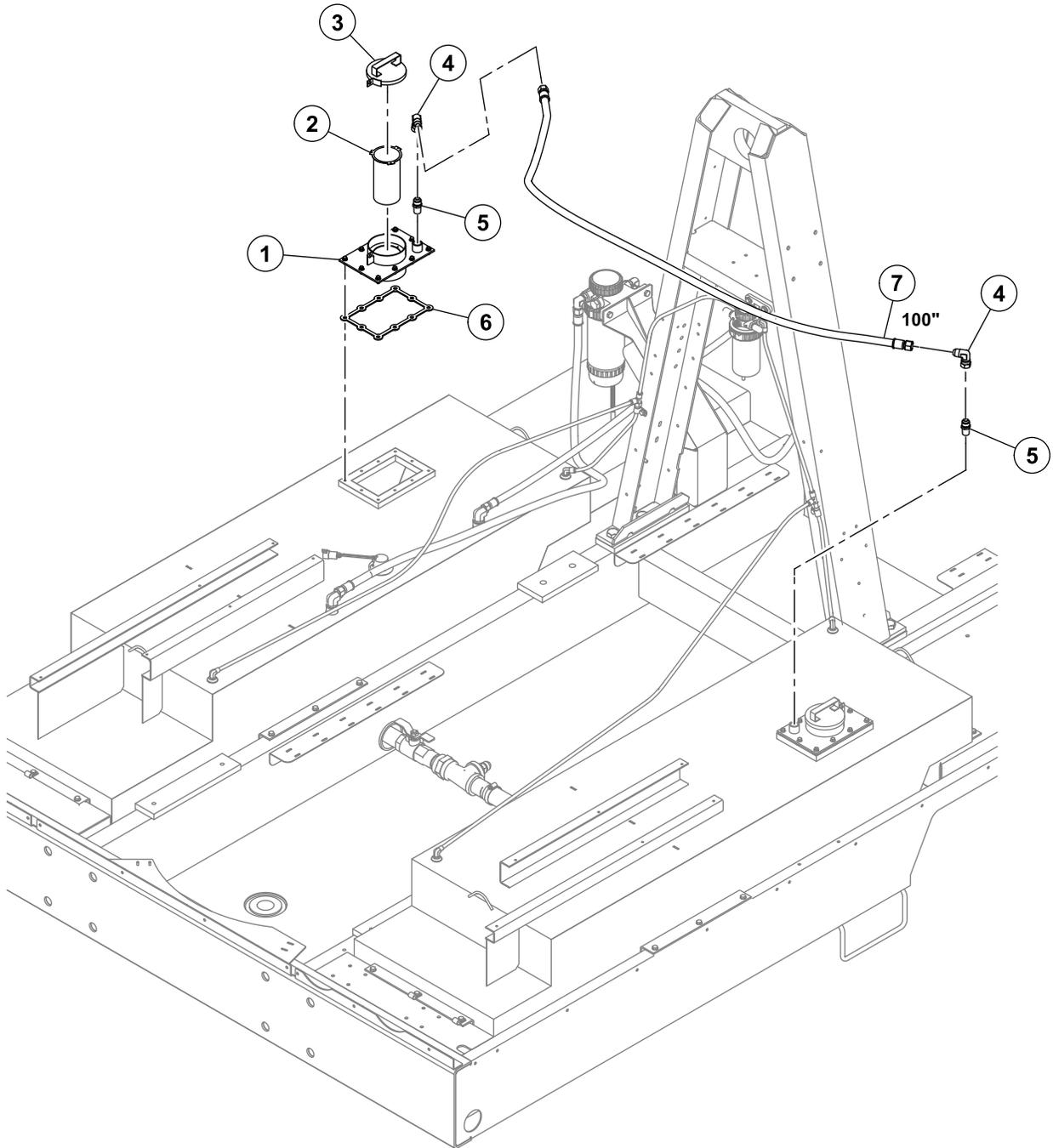
# OPTION PARTS

# ENGINE OIL REPLENISHMENT



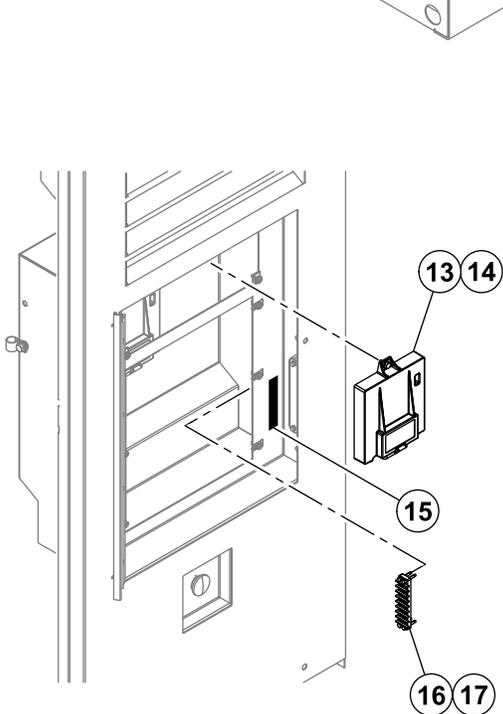
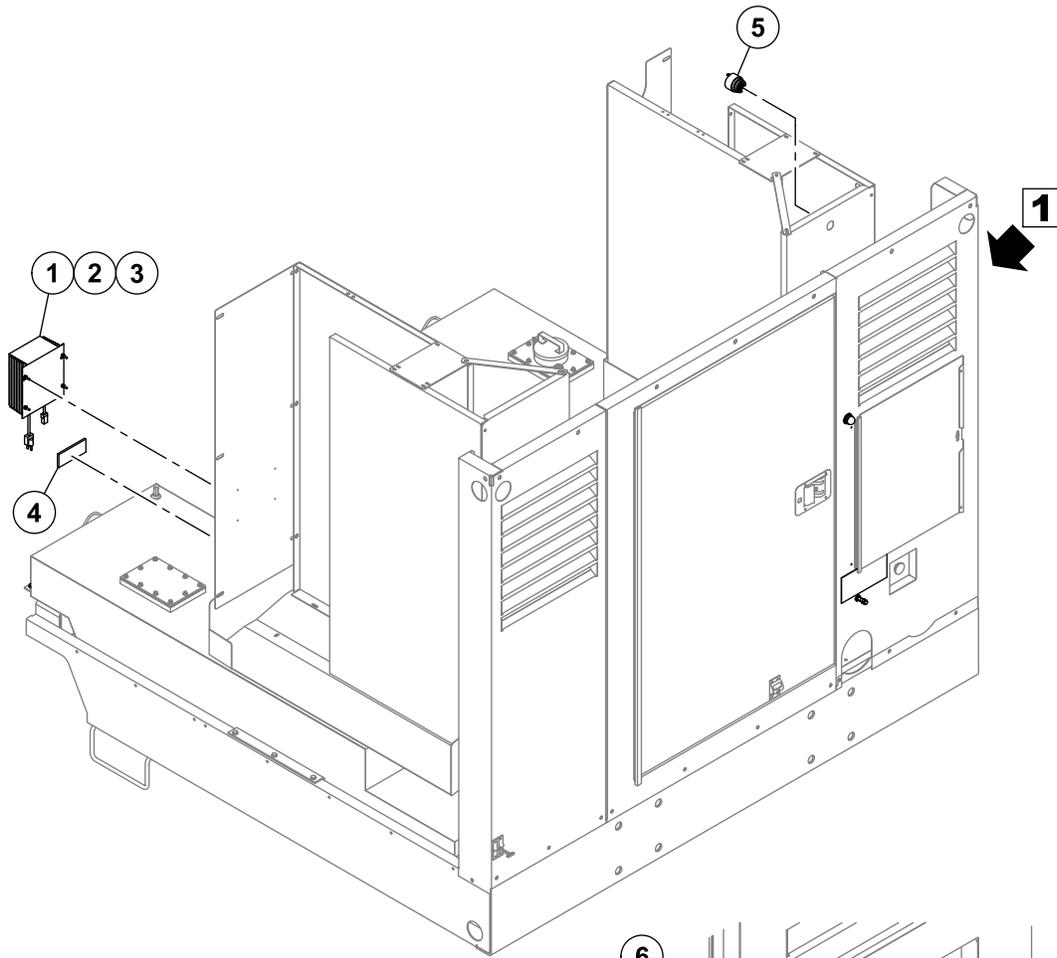
| ITEM | PART NO.   | DESCRIPTION                   | QTY | NOTES              |
|------|------------|-------------------------------|-----|--------------------|
| 1    | 46584719SB | MOUNT, OIL REPLENISHMENT TANK | 1   |                    |
| 2    | 35279025   | SCREW, HEX                    | 10  |                    |
| 3    | 36889186   | PLUG, PIPE                    | 1   |                    |
| 4    | 46584822SB | TANK, OIL REPLENISHMENT       | 1   |                    |
| 5    | 95934279   | NIPPLE                        | 1   |                    |
| 6    | 35581792   | VALVE, BALL SERVICE 1/2"      | 1   |                    |
| 7    | 35286426   | ADAPTER                       | 2   |                    |
| 8    | 35307719   | HOSE                          | 48  | MEASURED IN INCHES |
| 9    | 35287911   | ELBOW, 90° ,SWIVEL NUT        | 1   |                    |
| 10   | 35288026   | HOSE                          | 23  | MEASURED IN INCHES |
| 11   | 35287929   | TEE, FEMALE                   | 1   |                    |
| 12   | 22063945   | CONNECTOR                     | 1   |                    |
| 13   | 46651873SB | BRACKET, MURPHY OIL LEVEL     | 1   |                    |
| 14   | 95935185   | SCREW, HEX                    | 3   |                    |
| 15   | 22063937   | ELBOW, 90°                    | 1   |                    |
| 16   | 35309210   | ELBOW, 90°                    | 1   |                    |
| 17   | 35287739   | TEE                           | 1   |                    |
| 18   | 35294693   | HOSE                          | 30  | MEASURED IN INCHES |
| 19   | 35301506   | ELBOW, 90°                    | 1   |                    |
| 20   | 35294735   | ELBOW, 90°                    | 1   |                    |
| 21   | 46573659   | GAUGE, OIL LEVEL              | 1   |                    |
| 22   | 95936027   | SCREW, CARRIAGE ROUND         | 2   |                    |
| 23   | 95935037   | WASHER, FLAT.                 | 2   |                    |
| 24   | 95923322   | NUT, HEX                      | 2   |                    |

# FUEL SYSTEM, FUEL TANK CROSSOVER VENT LINE

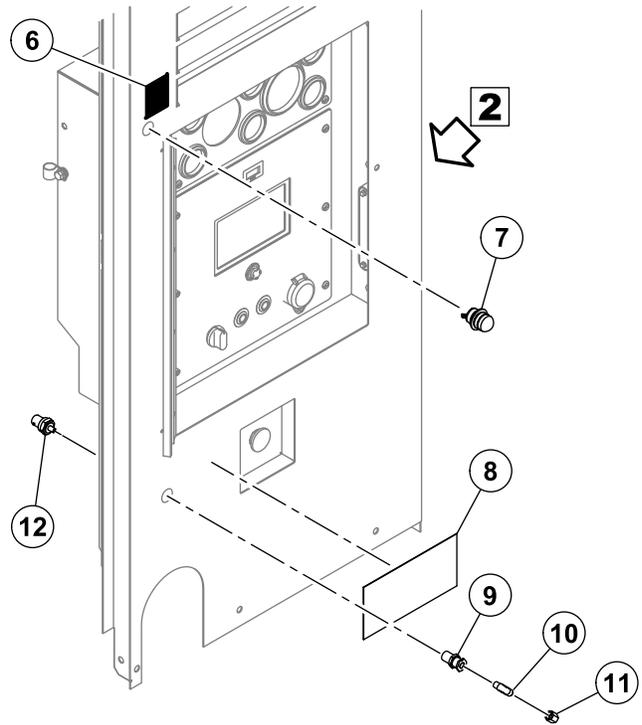


| ITEM | PART NO. | DESCRIPTION                  | QTY | NOTES              |
|------|----------|------------------------------|-----|--------------------|
| 1    | 23148737 | COVER, FUEL FILL             | 1   |                    |
| 2    | 36845022 | STRAINER, FUEL TANK          | 1   |                    |
| 3    | 36845014 | CABLE, 9-PIN SPLIT CONNECTOR | 1   |                    |
| 4    | 35305648 | ELBOW, FEMALE                | 2   |                    |
| 5    | 35286467 | CONNECTOR                    | 2   |                    |
| 6    | 35389964 | GASKET, COVER                | 1   |                    |
| 7    | 35286921 | HOSE                         | 100 | MEASURED IN INCHES |

# AUTO START WITH 120VAC BATTERY CHARGER



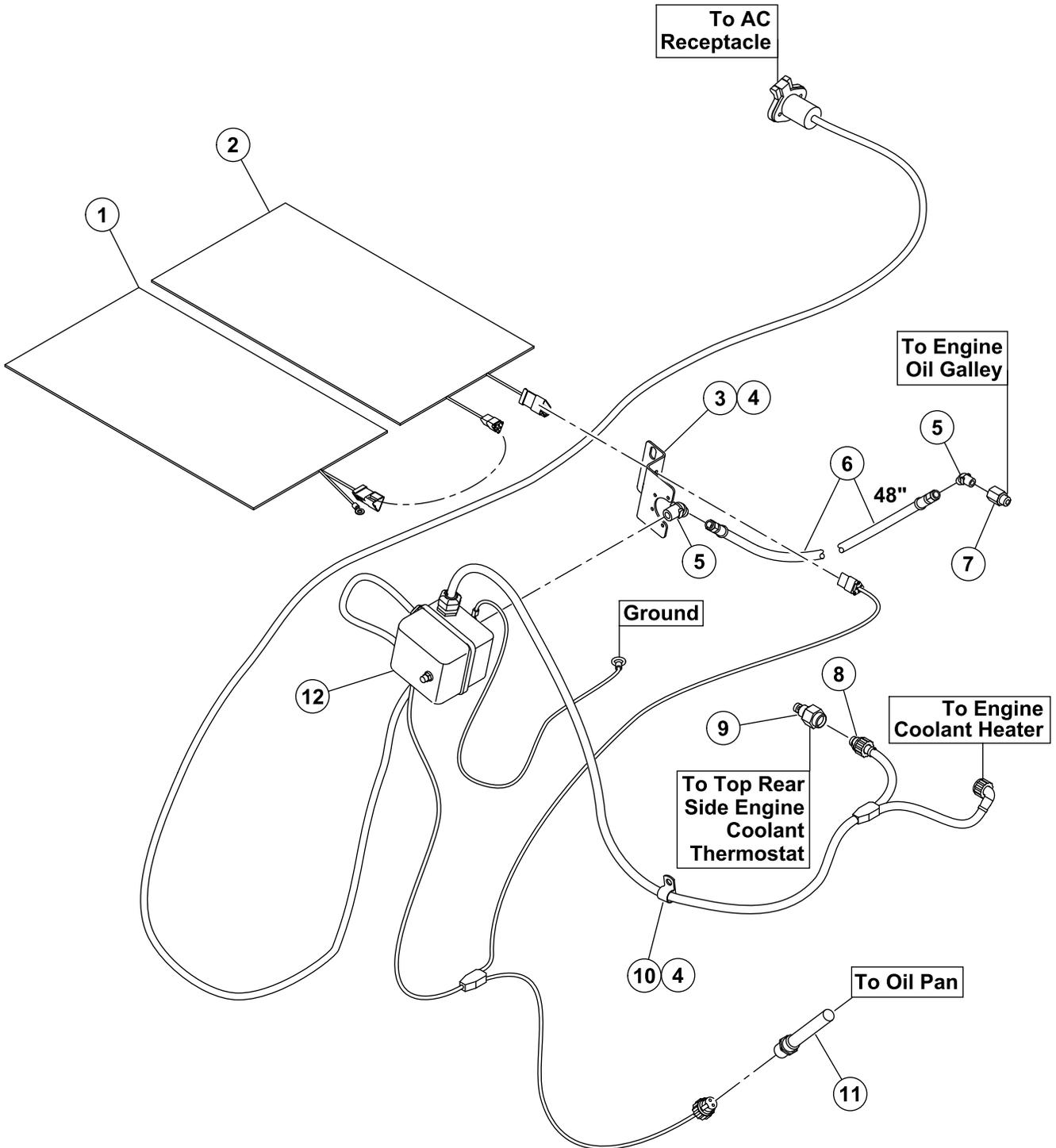
**DETAIL 1**



**DETAIL 1**

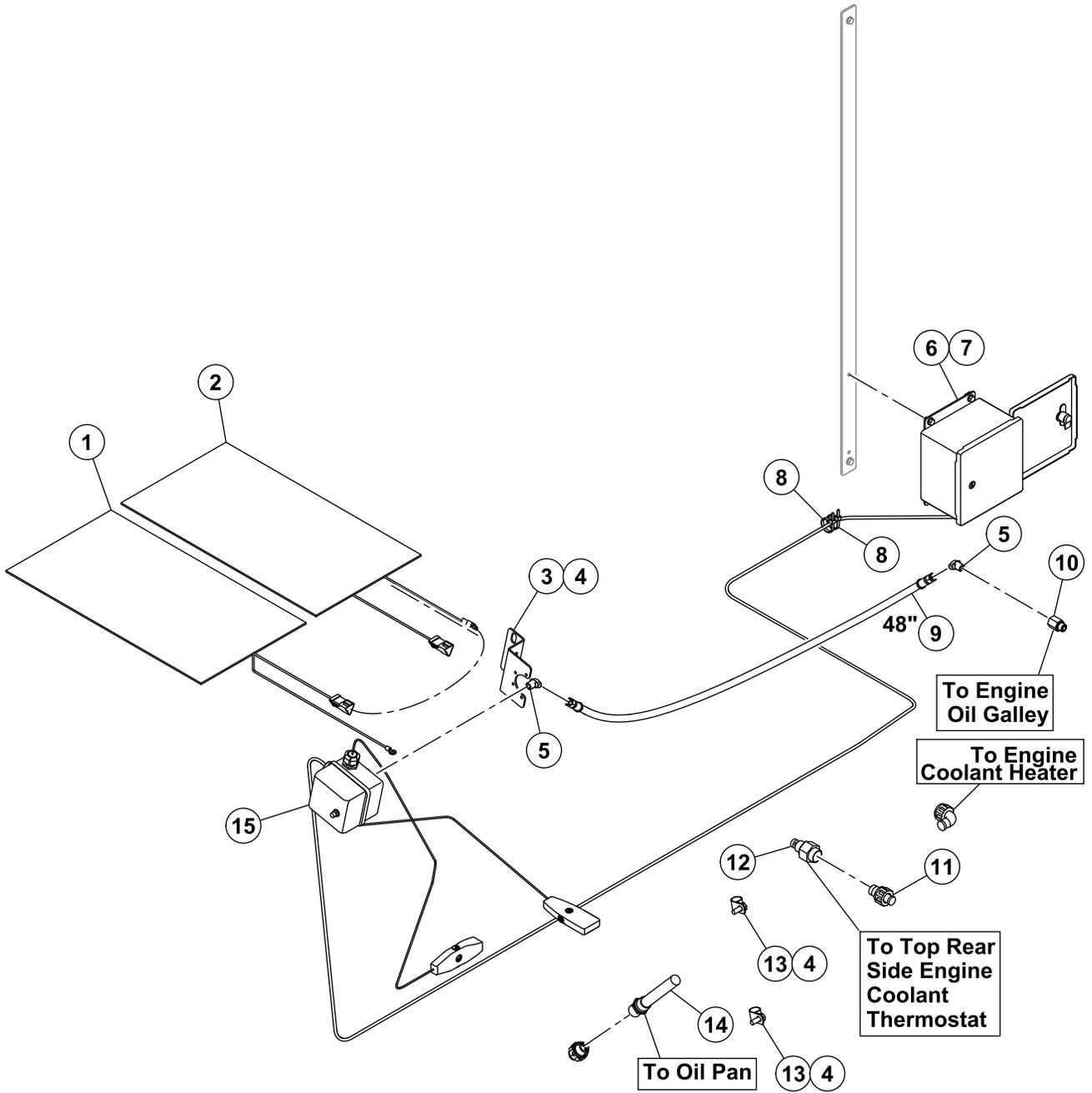
| ITEM | PART NO. | DESCRIPTION                               | QTY | NOTES         |
|------|----------|---|-----|---------------|
| 1    | 54715941 | BATTERY CHARGER, 24 VDC                   | 1   | 120VAC OPTION |
|      | 22096333 | BATTERY CHARGER, 24 VDC                   | 1   | 240VAC OPTION |
| 2    | 36842102 | SCREW, HEX                                | 4   |               |
| 3    | 95928800 | NUT, NYLOCK                               | 4   |               |
| 4    | 54749155 | DECAL, BATTERY CHARGER                    | 1   |               |
| 5    | 36785145 | ALARM, AUDIO SIGNAL                       | 1   |               |
| 6    | 46674139 | DECAL, LIGHTS ON                          | 1   |               |
| 7    | 46622649 | LAMP, PANEL, LED, RED 24VDC               | 1   |               |
| 8    | 46676676 | DECAL, AUTO START/STOP                    | 1   |               |
| 9    | 36793578 | FITTING                                   | 1   |               |
| 10   | 35306687 | ELBOW, 90°                                | 1   |               |
| 11   | 95257333 | CAP                                       | 1   |               |
| 12   | 54765946 | TRANSDUCER, PRESSURE, 0-500 PSI           | 1   |               |
| 13   | 46667050 | CONTROLLER, TITAN, GENERIC                | 1   |               |
| 14   | 92368687 | SCREW, HEX, TAPPING                       | 3   |               |
| 15   | 46622164 | DECAL, AUTOSTART OPTION TERMINAL<br>BLOCK | 1   |               |
| 16   | 22307706 | BLOCK, TERMINAL, 8-WAY X 2                | 1   |               |
| 17   | 22068282 | SCREW, HEX, TAPPING                       | 4   |               |
|      | 46669300 | HARNESS, AUTOSTART OPTION                 | 1   | NOT SHOWN     |
|      | 46670947 | HARNESS, BATTERY CHARGER                  | 1   | NOT SHOWN     |

# HEATERS, 120VAC



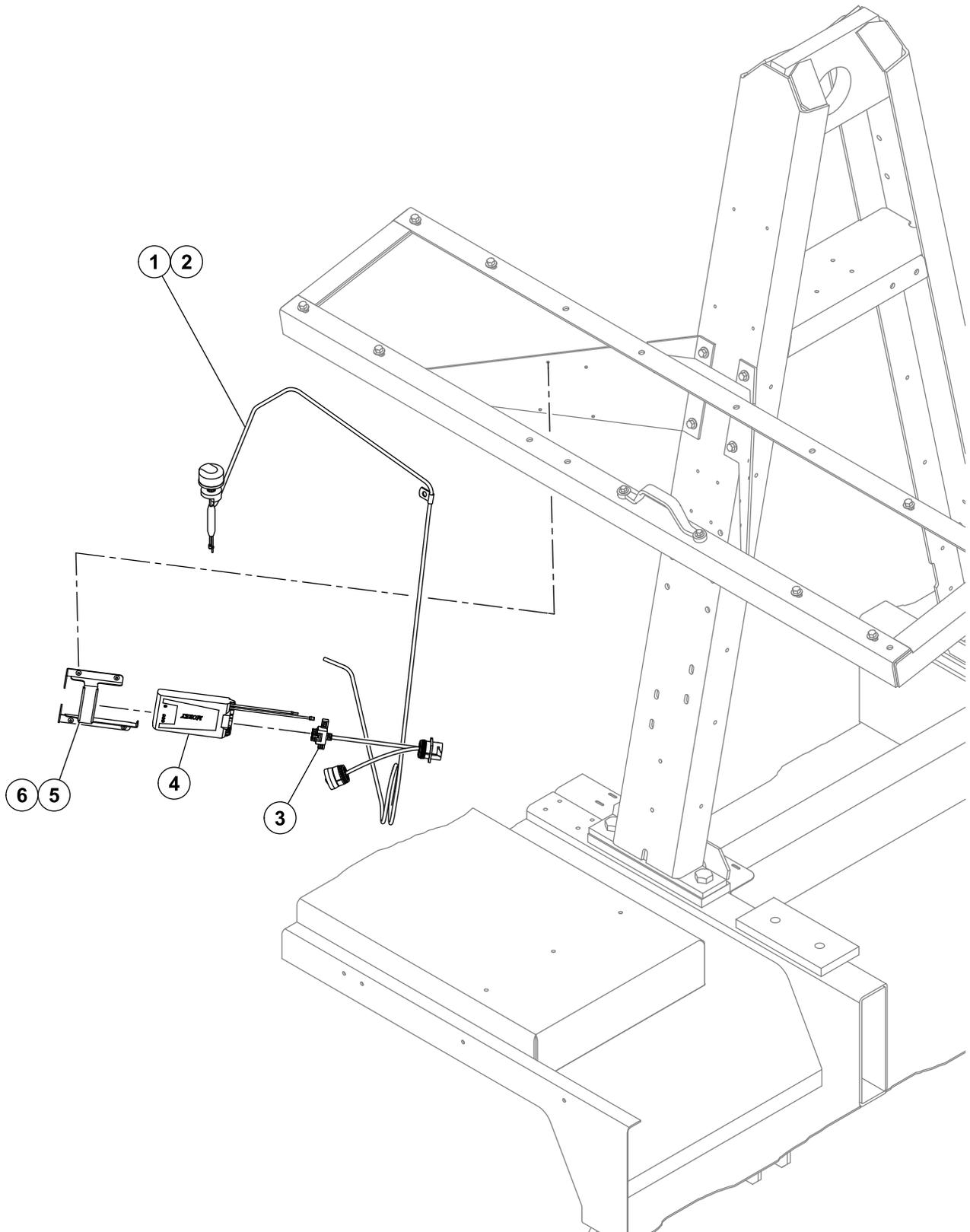
| ITEM | PART NO.   | DESCRIPTION                        | QTY | NOTES              |
|------|------------|------------------------------------|-----|--------------------|
| 1    | 36920346   | HEATER, SINGLE LEAD BATTERY PAD    | 1   |                    |
| 2    | 36920338   | HEATER, DUAL LEAD BATTERY PAD      | 1   |                    |
| 3    | 36851533SB | BRACKET, PRESSURE SWITCH           | 1   |                    |
| 4    | 35279025   | SCREW, HEX                         | 4   |                    |
| 5    | 35321223   | ELBOW, 45°                         | 2   |                    |
| 6    | 35283480   | HOSE                               | 48  | MEASURED IN INCHES |
| 7    | 54720719   | ADAPTER, W/O-RING                  | 1   |                    |
| 8    | 46555953   | SENSOR, HEAT LSU-10                | 1   |                    |
| 9    | 54480298   | WELL, THERMOSTAT                   | 1   |                    |
| 10   | 35225077   | CLAMP, SUPPORT, 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  | 4   |                    |
| 5    | 35321223   | ELBOW, 45°  | 2   |                    |
| 6    | 36797652   | SCREW, HEX  | 6   |                    |
| 7    | 95935037   | WASHER, FLAT  | 4   |                    |
| 8    | 46651840   | TIE, CABLE  | 2   |                    |
| 9    | 35283480   | HOSE  | 48  | MEASURED IN INCHES |
| 10   | 54720719   | ADAPTER, W/O-RING   | 1   |                    |
| 11   | 46555953   | SENSOR, HEAT LSU-10                                       | 1   |                    |
| 12   | 54480298   | WELL, THERMOSTAT  | 1   |                    |
| 13   | 35225077   | CLAMP, SUPPORT, 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



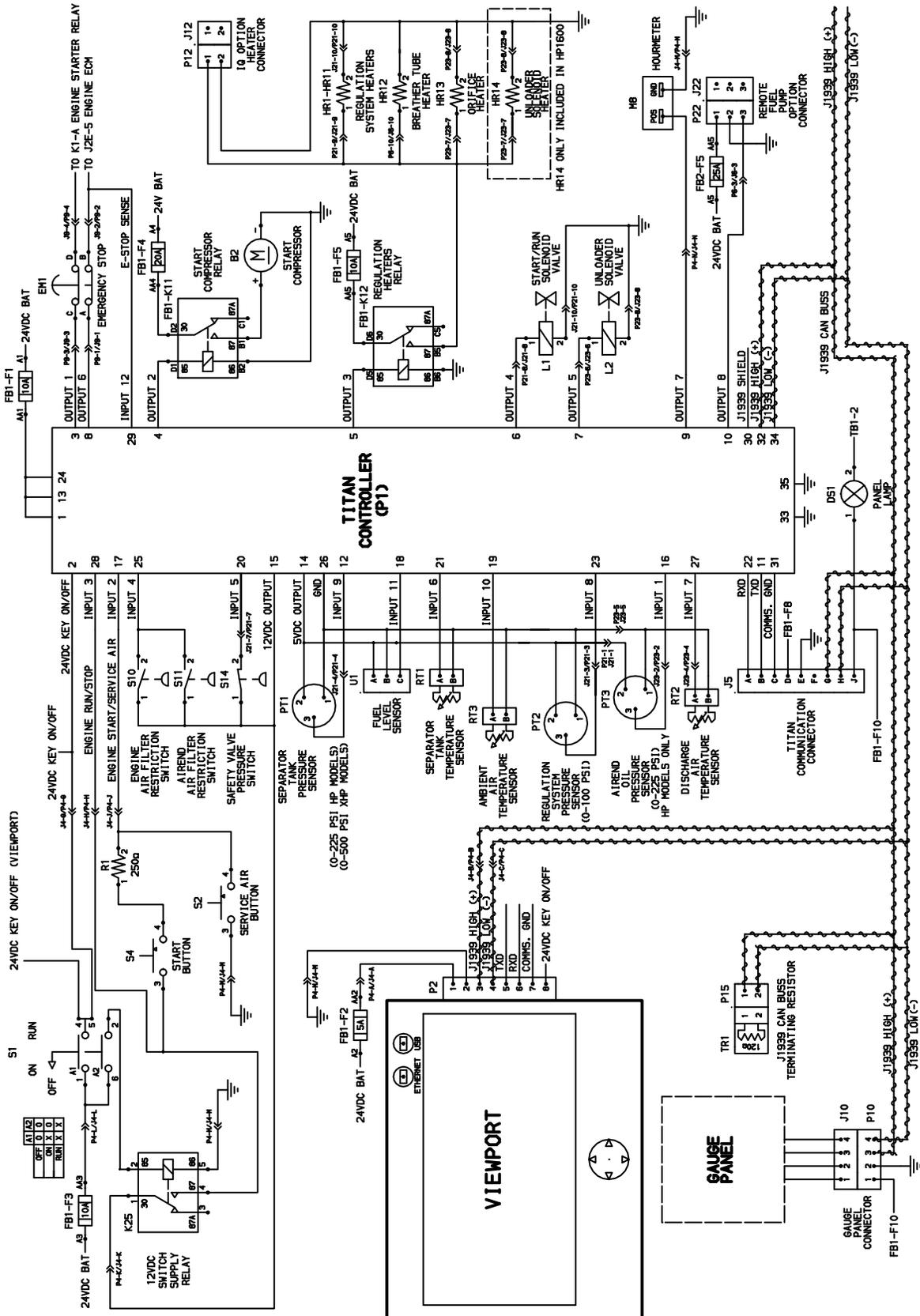
| ITEM | PART NO. | DESCRIPTION  | QTY | NOTES     |
|------|----------|--|-----|-----------|
| 1    | 46654936 | ANTENNA, TELEMATICS  | 1   |           |
| 2    | 36853174 | CLAMP, SUPPORT, 1/4" ID (MOUNT USING EXISTING SCREW MOUNTING ETHER BOTTLE) | 1   |           |
| 3    | 46654938 | CABLE, 9-PIN SPLIT CONNECTOR   | 1   |           |
| 4    | 46654937 | MODULE, TELEMATIC  | 1   |           |
| 5    | 46654935 | BRACKET, MOUNTING MC-3   | 1   |           |
| 6    | 36881118 | RIVET  | 4   |           |
|      | 35268788 | TIE, CABLE   | 7   | NOT SHOWN |

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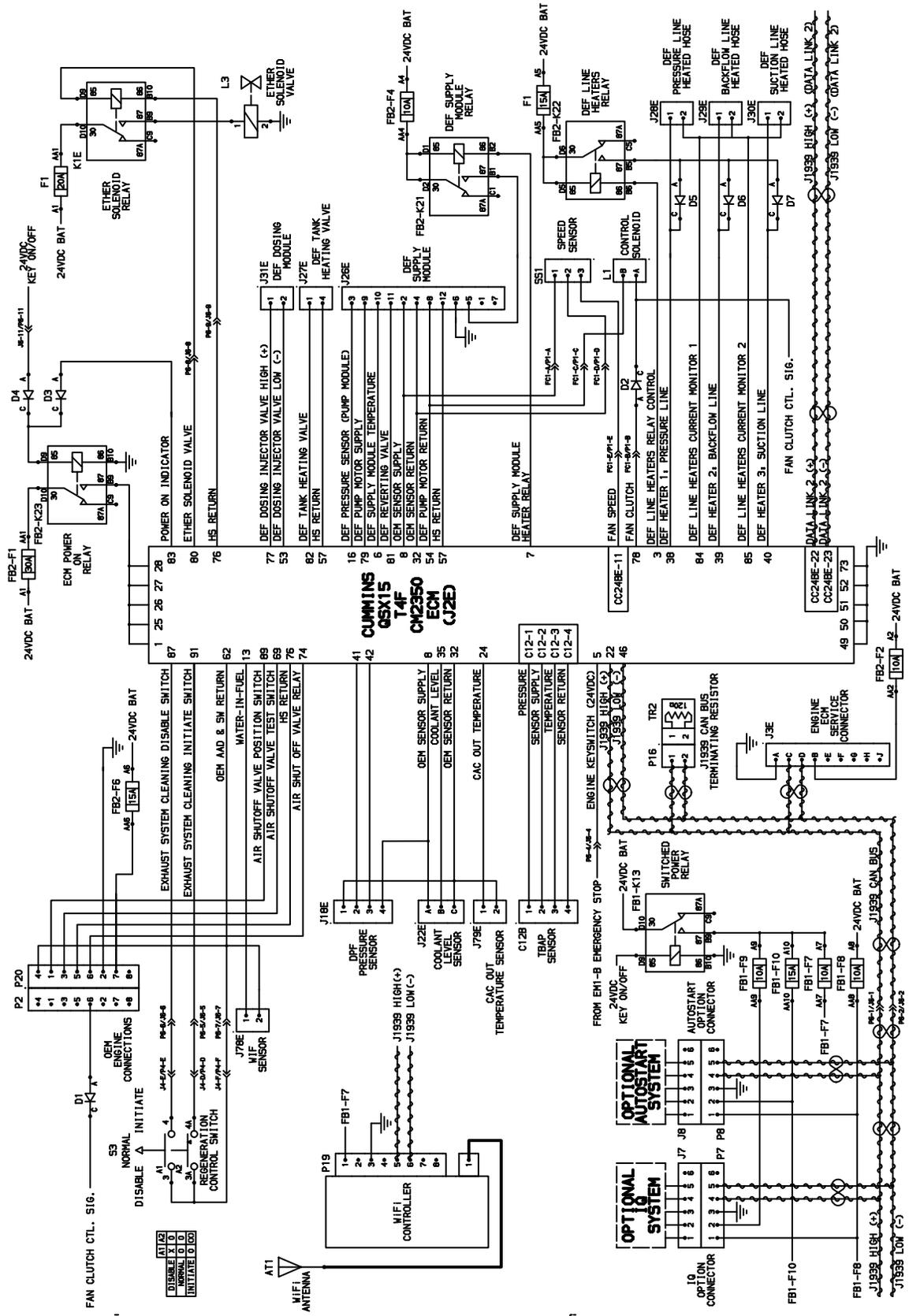
# **WIRING DIAGRAMS**

## COMPRESSOR AND ENGINE CONTROL SYSTEM WIRING DIAGRAM



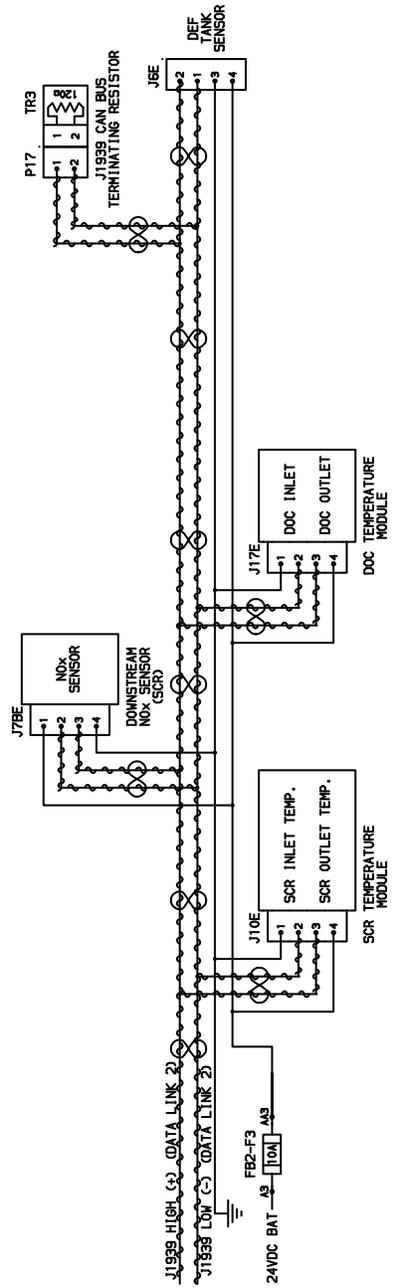
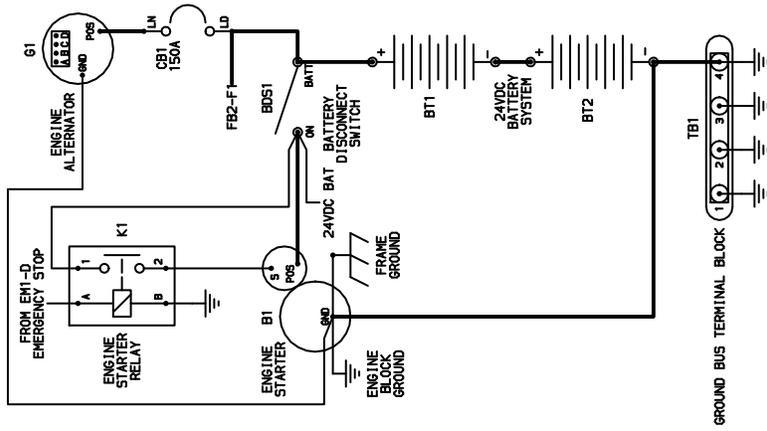
COMPRESSOR & ENGINE CONTROL SYSTEM WIRING DIAGRAM 46664154 REV. D (46666830 S1 OF 3 REV. C)

## COMPRESSOR AND ENGINE CONTROL SYSTEM WIRING DIAGRAM



COMPRESSOR & ENGINE CONTROL SYSTEM WIRING DIAGRAM 46664154 REV. D (466668630 S2 OF 3 REV. C)

## COMPRESSOR AND ENGINE CONTROL SYSTEM WIRING DIAGRAM



COMPRESSOR & ENGINE CONTROL SYSTEM WIRING DIAGRAM 46664154 REV. D (466668630 S3 OF 3 REV. C)

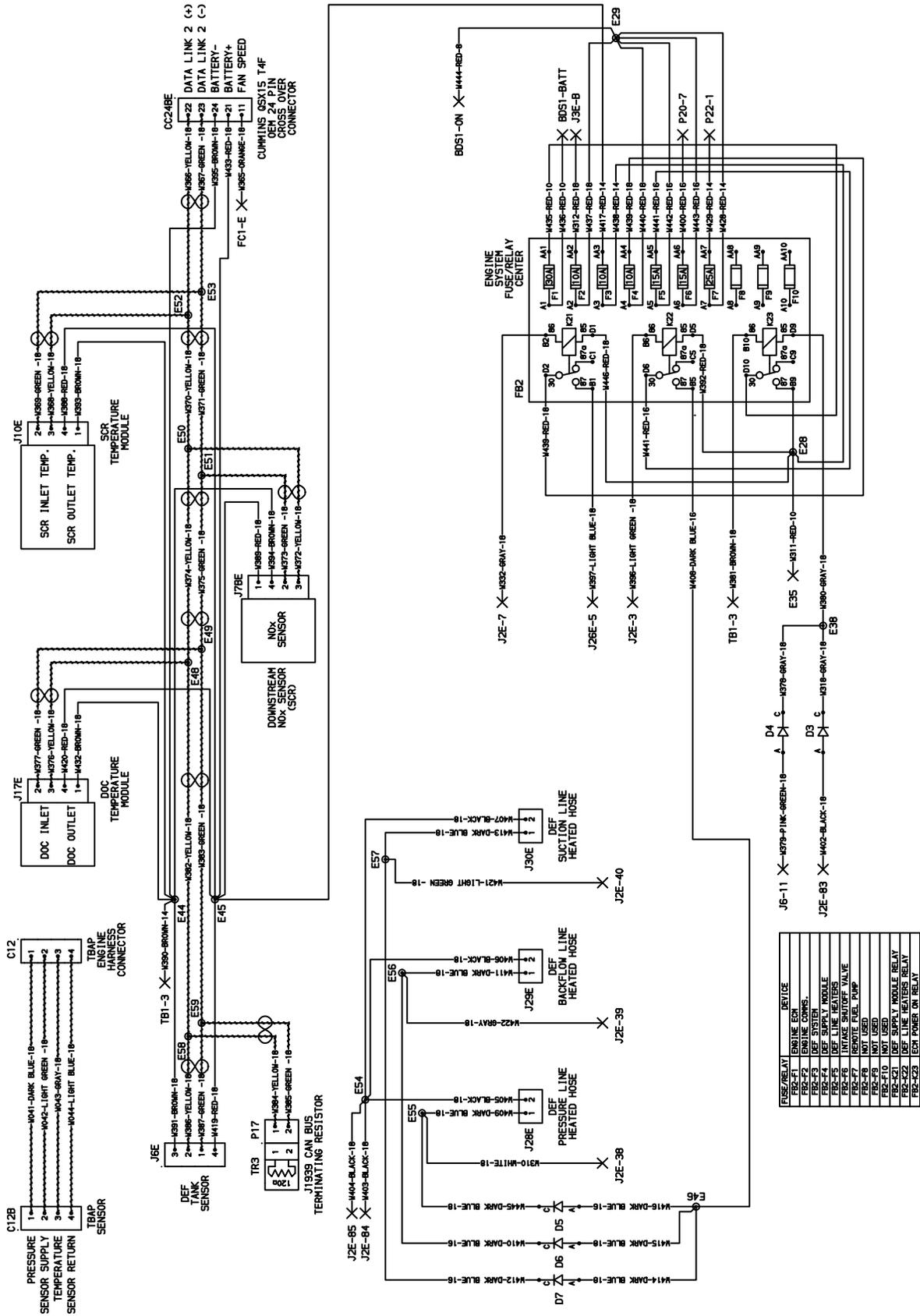
## COMPRESSOR AND ENGINE HARNESS WIRING DIAGRAM



## COMPRESSOR AND ENGINE CONTROL SYSTEM WIRING DIAGRAM

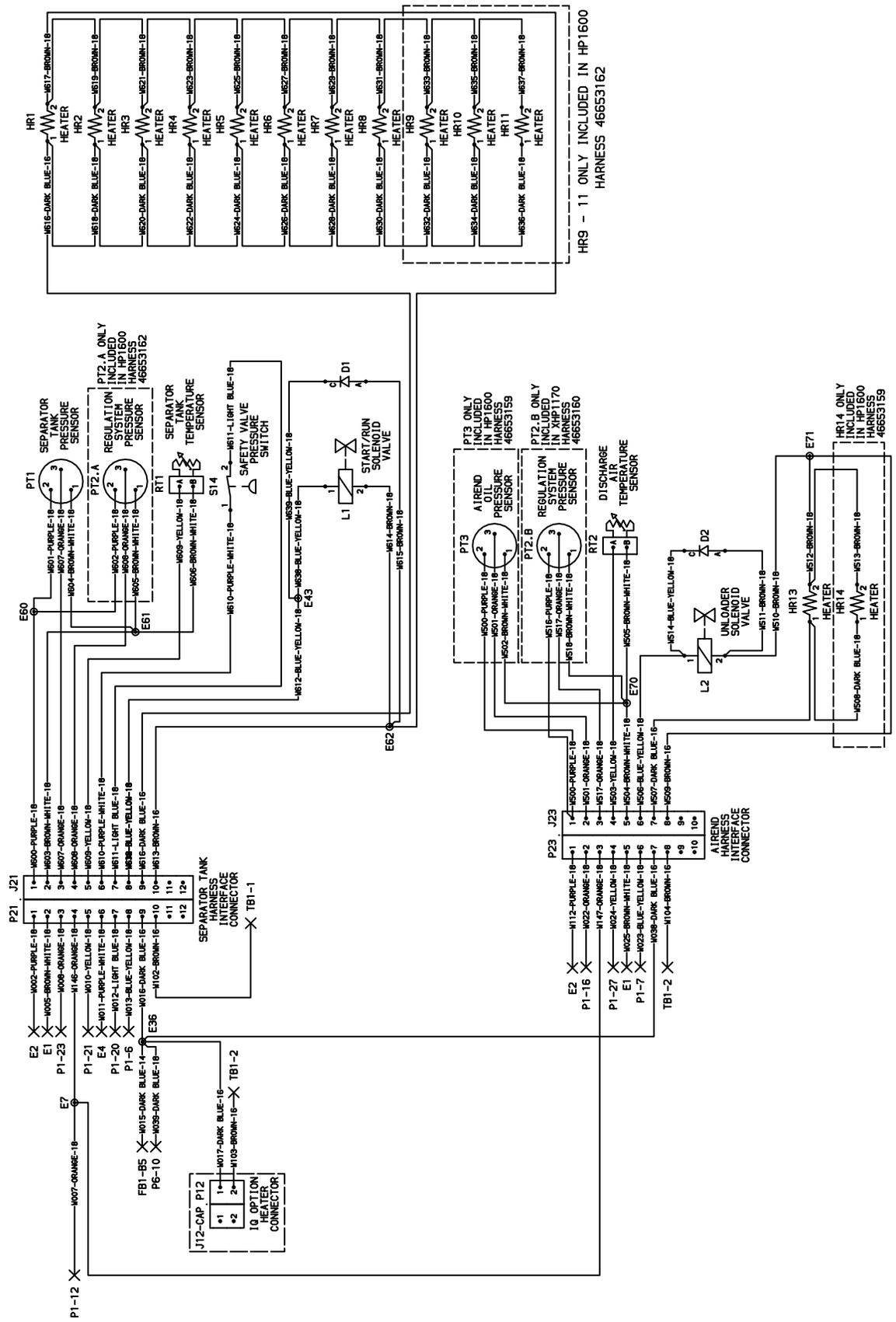


## COMPRESSOR AND ENGINE CONTROL SYSTEM WIRING DIAGRAM



COMPRESSOR & ENGINE HARNESS WIRING DIAGRAM 46663157 REV. D (46666831 S3 OF 5 REV. B)

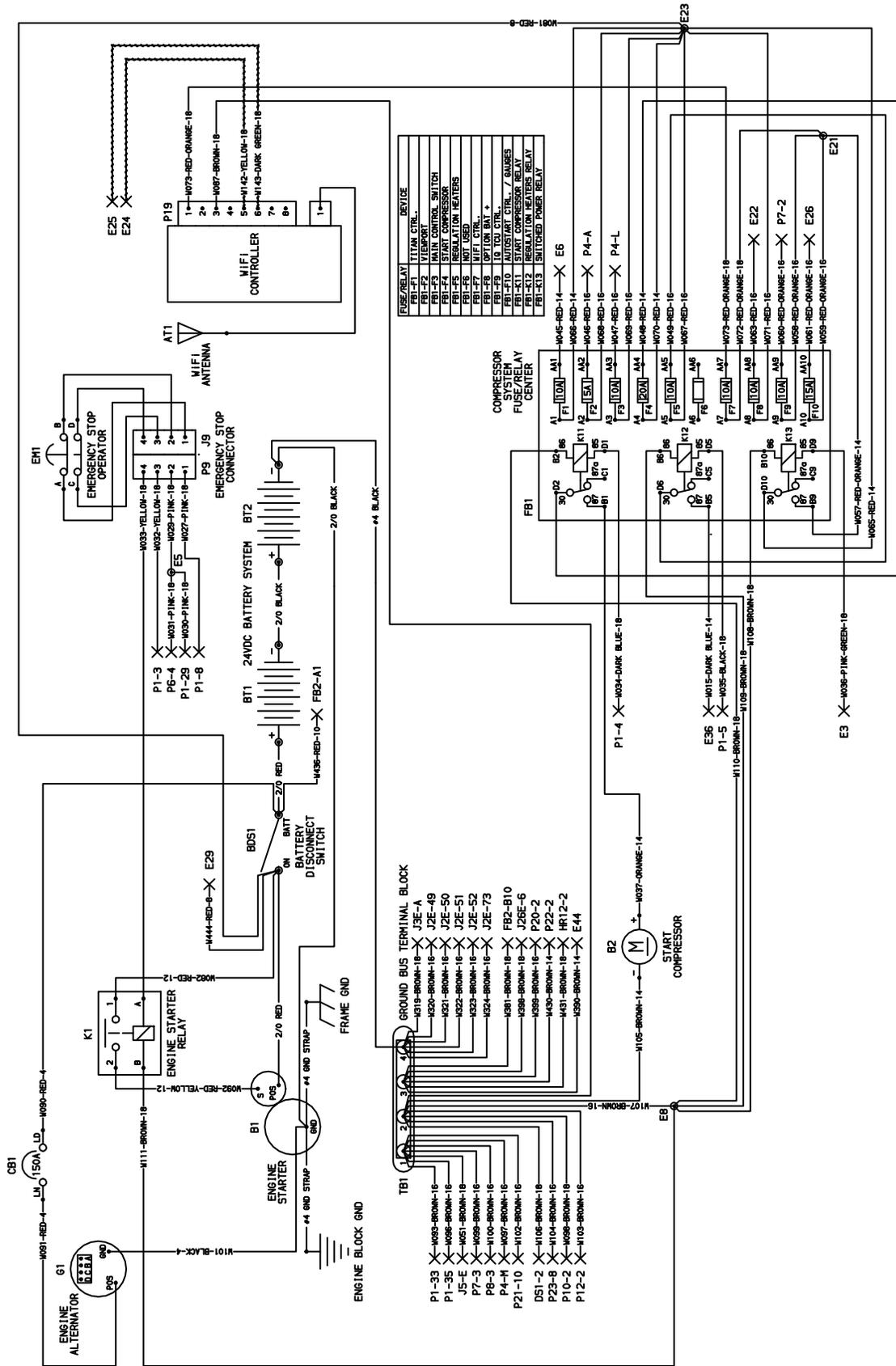
## COMPRESSOR AND ENGINE CONTROL SYSTEM WIRING DIAGRAM



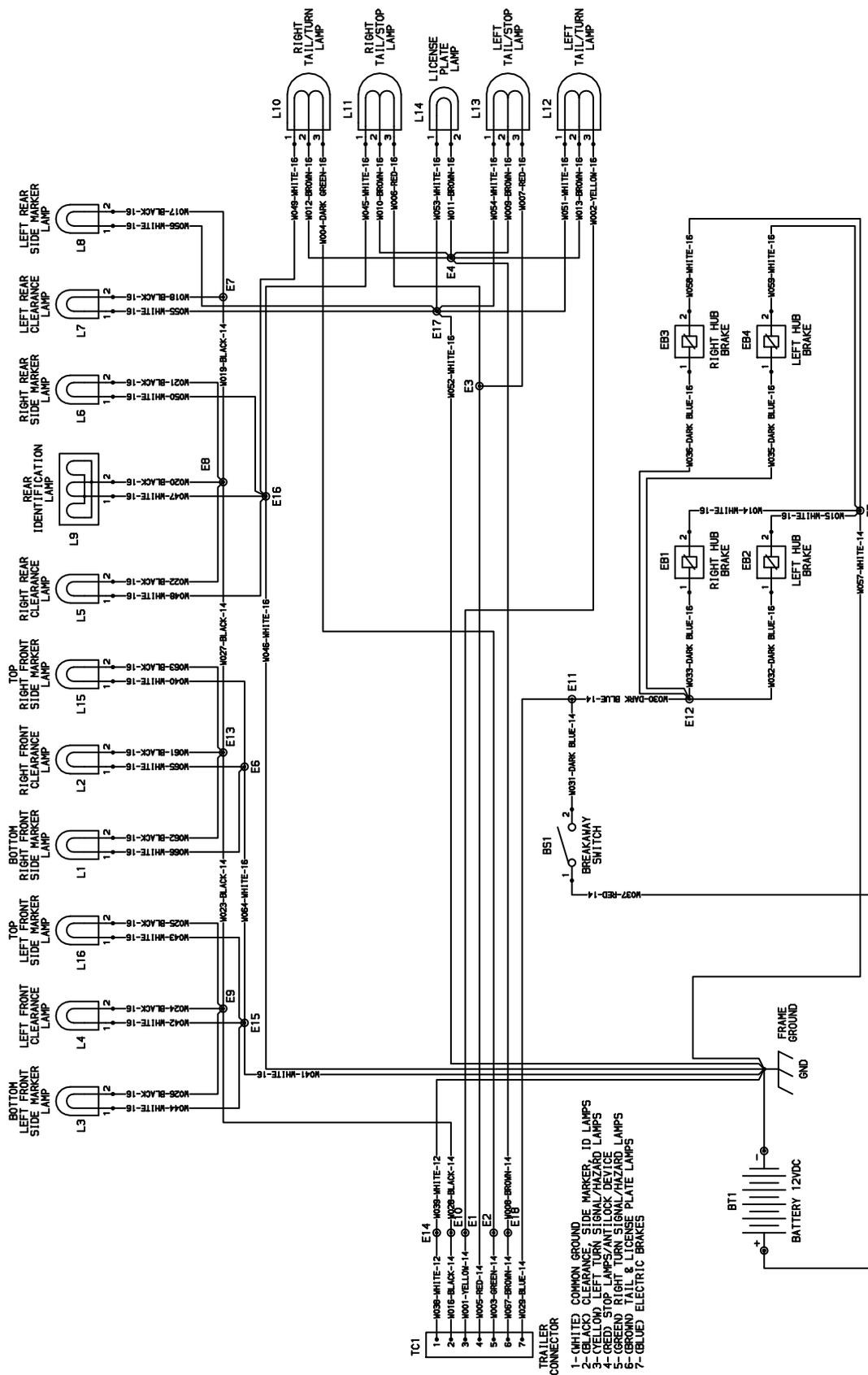
HR9 - 11 ONLY INCLUDED IN HP1600  
HARNES 46653162

COMPRESSOR & ENGINE HARNESS WIRING DIAGRAM 46663157 REV. D (46666831 S4 OF 5 REV. B)

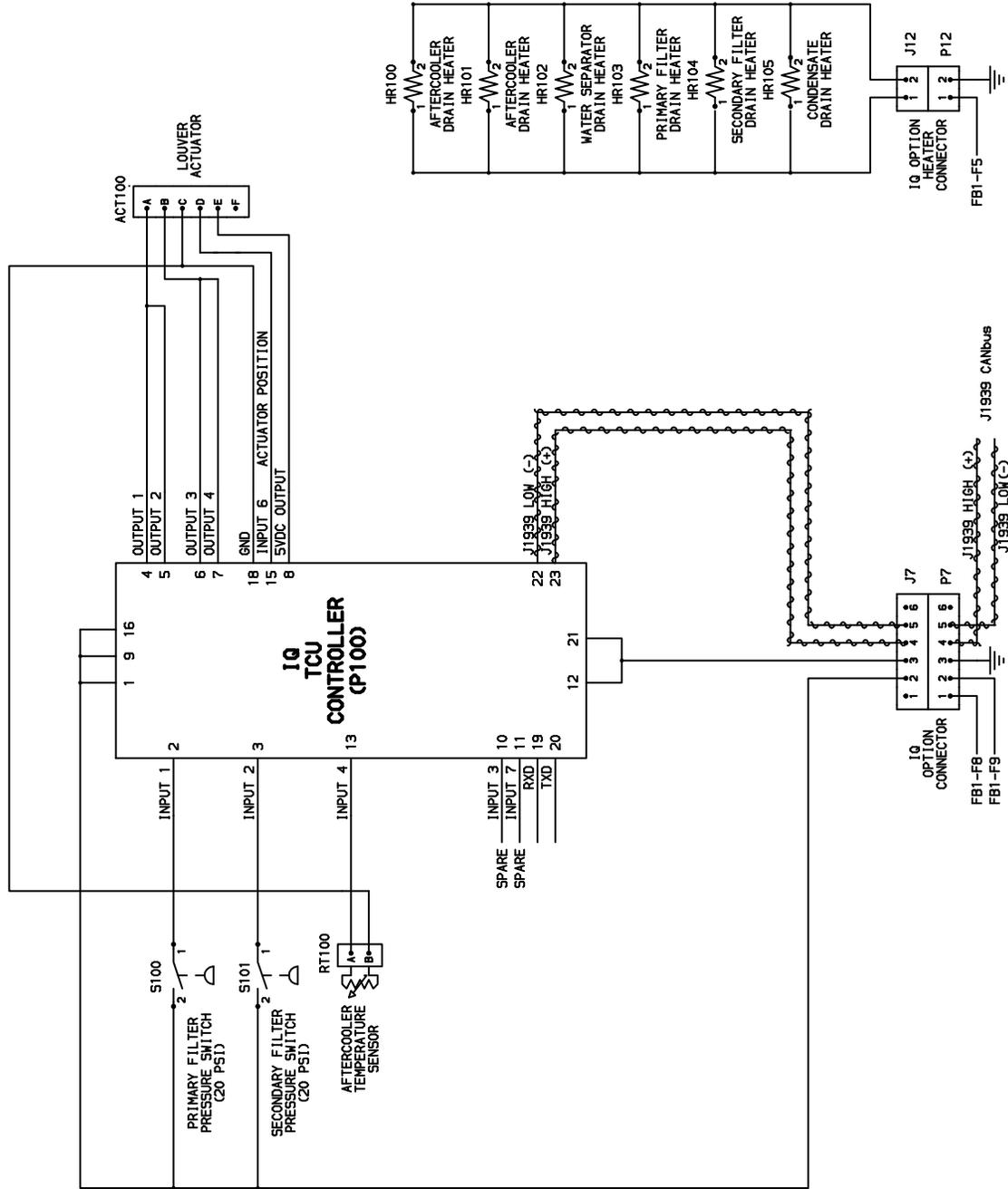
## COMPRESSOR AND ENGINE CONTROL SYSTEM WIRING DIAGRAM



## TRAILER HARNESS WIRING DIAGRAM

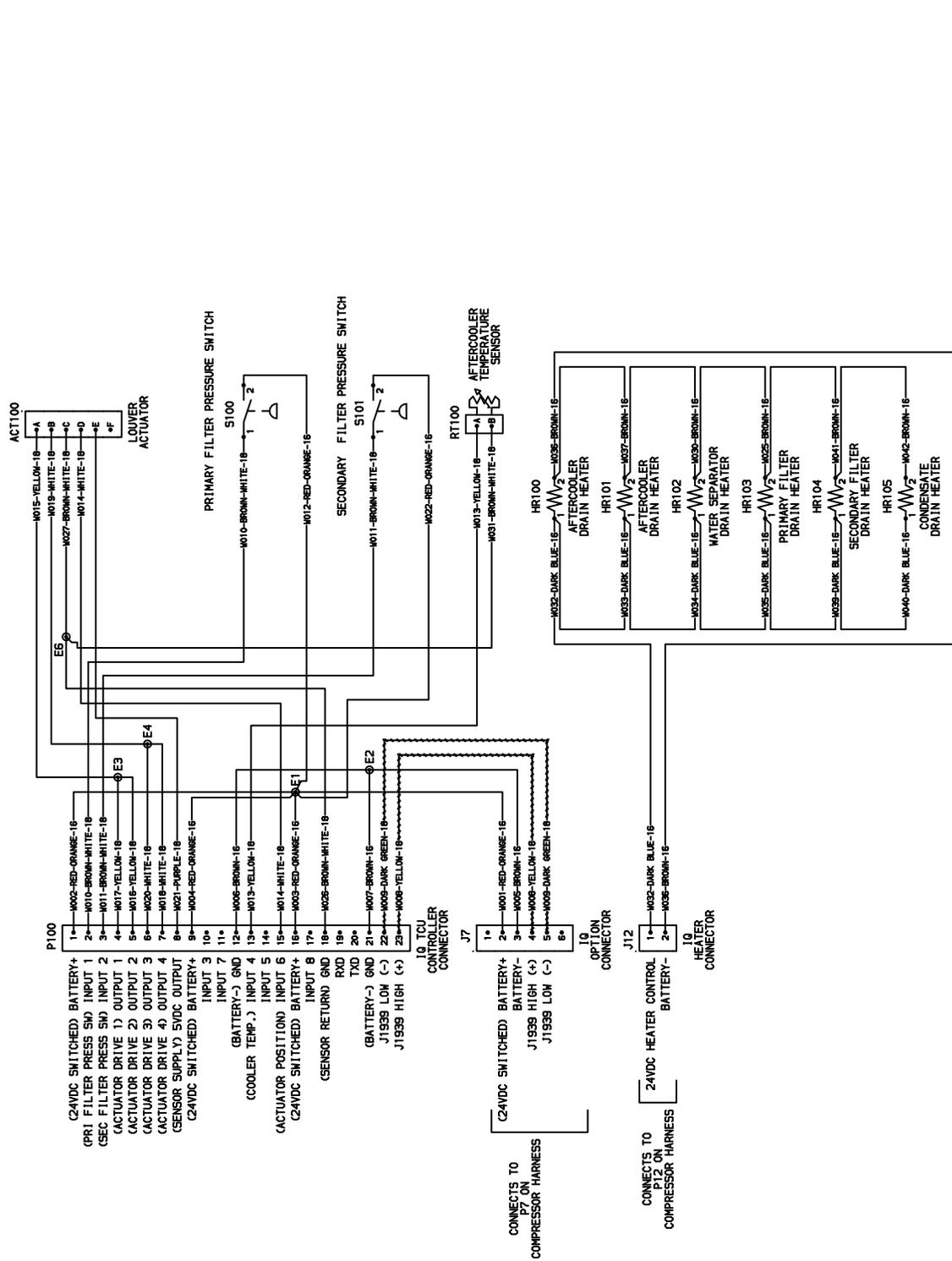


## IQ OPTION HARNESS CONTROL SYSTEM WIRING DIAGRAM



IQ OPTION HARNESS CONTROL SYSTEM WIRING DIAGRAM 46670349 REV. A (46670413 S1 OF 1 REV. A)

## IQ OPTION HARNESS WIRING DIAGRAM

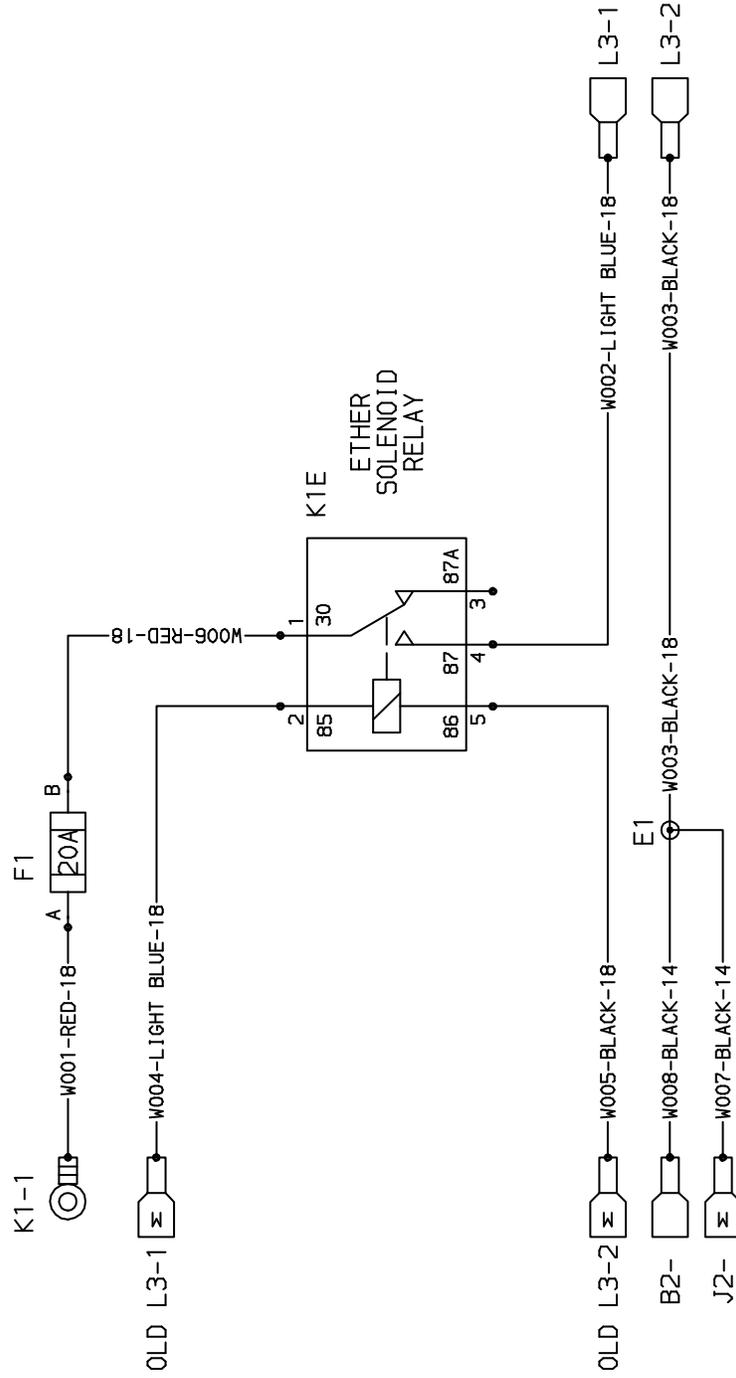


IQ OPTION HARNESS WIRING DIAGRAM 46656384 REV. A (46670414 S1 OF 1 REV. A)

## ELECTRICAL PARTS LIST

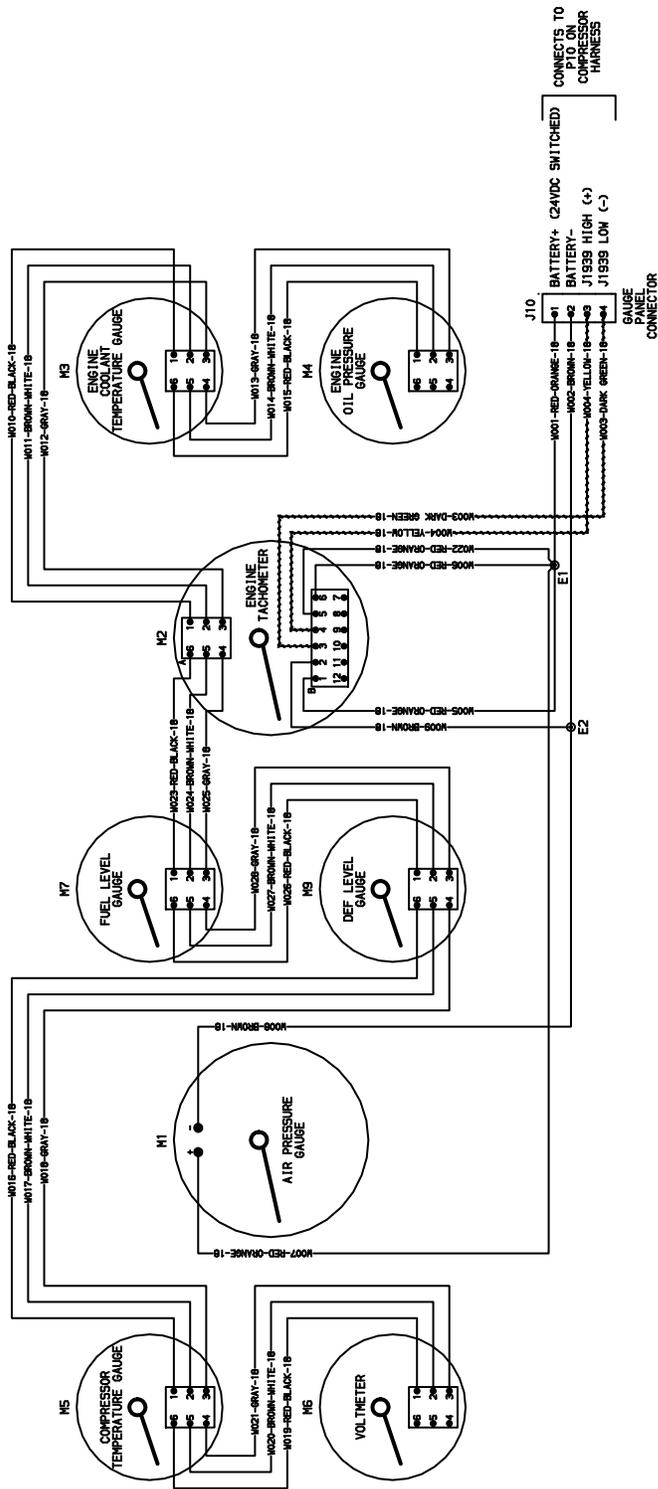
| IQ Option            | HP1600/XHP1170WCU-T4F            |             |
|----------------------|----------------------------------|-------------|
| Reference Designator | Description                      | Part Number |
|                      | IQ TCU Controller                | 46569499    |
|                      | 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    |

## ETHER SOLENOID WIRING DIAGRAM



ETHER SOLENOID WIRING DIAGRAM 46678228 REV. A (46678227 S1 OF 1 REV. A)

## GAUGE PANEL HARNESS WIRING DIAGRAM



GAUGE PANEL HARNESS WIRING DIAGRAM 46636659 REV. A (46655305 S1 OF 1 REV. A)

## CONTROL PANEL HARNESS WIRING DIAGRAM



## ELECTRICAL PARTS LIST

**Compressor and Engine**

| Reference Designator | Description                            | Part Number  |
|----------------------|--|--------------|
|                      | Titan Controller                       | 46651420     |
|                      | Compressor Harness                     | 46653158     |
|                      | Engine Harness                         | 46653161     |
|                      | Airend Harness                         | 46653159     |
|                      | Separator Tank Harness                 | 46653162     |
|                      | Battery Positive Stud to Stud Cable    | 46590421     |
|                      | Battery Positive Cable                 | 46590419     |
|                      | Battery Negative Cable                 | 46590420     |
|                      | Battery Cable Jumper                   | 35128982     |
|                      | Frame Ground Strap 350mm               | 36783488     |
|                      | Engine Ground Strap 350mm              | 36783488     |
| B1                   | Engine Starter                         | Cummins Part |
| B2                   | Start Compressor                       | 46576919     |
| BDS1                 | Battery Disconnect Switch              | 46556146     |
| BT1                  | Battery, 12 VDC                        | 35225788     |
| BT2                  | Battery, 12 VDC                        | 35225788     |
| C12B                 | TBAP Sensor                            | 46566779     |
| D1                   | Diode                                  | 35376169     |
| D2                   | Diode                                  | 35376169     |
| D3                   | Diode                                  | 35376169     |
| D4                   | Diode                                  | 35376169     |
| D5                   | Diode                                  | 35376169     |
| D6                   | Diode                                  | 35376169     |
| D7                   | Diode                                  | 35376169     |
| DS1                  | Panel Lamp                             | 46582799     |
| EM1                  | Emergency Stop                         | 23281017     |
| CB1                  | Engine Alternator Circuit Breaker 150A | 46615979     |
| FB1                  | Fuse/Relay Center Replacement          | 46556356     |
| FB1                  | Fuse/Relay Center Replacement Cover    | 23366172     |

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

ELECTRICAL PARTS LIST (46668235 S1 OF 3 REV. C)

## ELECTRICAL PARTS LIST

**Compressor and Engine (Cont'd)**

| Reference Designator | Description                   | Part Number  |
|----------------------|-------------------------------|--------------|
| J10E                 | SCR Temperature Module        | Cummins Part |
| J17E                 | DOC Temperature Module        | Cummins Part |
| J22E                 | Coolant Level Sensor          | 22769186     |
| J26E                 | DEF Supply Module             | 46605124     |
| J27E                 | DEF Tank Heating Valve        | 46641521     |
| J28E                 | DEF Pressure Line Heated Hose | 46647161     |
| J29E                 | DEF Backflow Line Heated Hose | 46647160     |
| J30E                 | DEF Suction Line Heated Hose  | 46647159     |
| J31E                 | DEF Dosing Module             | Cummins Part |
| J3E                  | Replacement Cap with Lanyard  | 23366768     |
| J5                   | Replacement Cap with Lanyard  | 23366768     |
| J6E                  | DEF Tank Sensor               | 46642142     |
| J7BE                 | Downstream Nox Sensor (SCR)   | Cummins Part |
| K1                   | Engine Starter Relay          | 36853521     |
| J18E                 | DPF Pressure Sensor           | Cummins Part |
| HR1                  | Solenoid Valve Heater         | 46499687     |
| HR2                  | Orifice Heater                | 36841526     |
| HR3                  | Hex Fitting Heater            | 36841526     |
| HR4                  | Hex Fitting Heater            | 36841526     |
| HR5                  | Hex Fitting Heater            | 36841526     |
| HR6                  | Hex Adapter Heater            | 46499687     |
| HR7                  | Hex Fitting Heater            | 36841526     |
| HR8                  | Ball Valve Heater             | 23346612     |
| HR9                  | Ball Valve Heater             | 23346612     |
| HR10                 | Regulator Heater              | 36854677     |
| HR11                 | Regulator Heater              | 36854677     |
| HR12                 | Engine Breather Tube Heater   | 23346612     |
| HR13                 | Orifice Heater                | 36841526     |
| HR14                 | Hex Fitting Heater            | 36841526     |

| Reference Designator | Description                          | Part Number |
|----------------------|--------------------------------------|-------------|
| L1                   | Start/Run Solenoid Valve             | 46655272    |
| L2                   | Unloader Solenoid Valve              | 36840841    |
| PT1                  | Separator Tank Pressure Sensor       | 54496773    |
| PT2                  | Regulation System Pressure Sensor    | 36920825    |
| PT3                  | Airend Oil Pressure Sensor           | 54496773    |
| RT1                  | Separator Tank Temperature Sensor    | 23294838    |
| RT2                  | Discharge Air Temperature Sensor     | 23294820    |
| RT3                  | Ambient Air Temperature Sensor       | 23294838    |
| S10                  | Engine Air Filter Restriction Switch | 36847838    |
| S11                  | Airend Air Filter Restriction Switch | 36847838    |
| S14                  | Safety Valve Pressure Switch         | 46568519    |
| TB1                  | Ground Bus Terminal Block            | 46567039    |
| TR1                  | J1939 CAN BUS Terminating Resistor   | 23091804    |
| TR2                  | J1939 CAN BUS Terminating Resistor   | 23091804    |
| TR3                  | J1939 CAN BUS Terminating Resistor   | 23091804    |
| U1                   | Fuel Level Sensor                    | 46570900    |
| J79E                 | CAC Outlet Temperature Sensor        | 23294820    |

**Ether Injection System**

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

ELECTRICAL PARTS LIST

(46668235 S2 OF 3 REV. C)

## ELECTRICAL PARTS LIST

**Control Panel**

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

**Gauge Panel**

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

**Trailer**

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

**Fan Clutch**

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

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