Illustrated Parts Manual

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English (en-US)

REVISION LOG

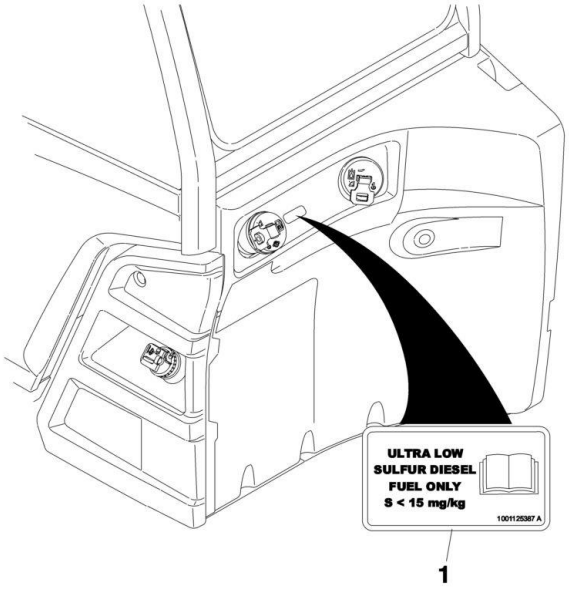
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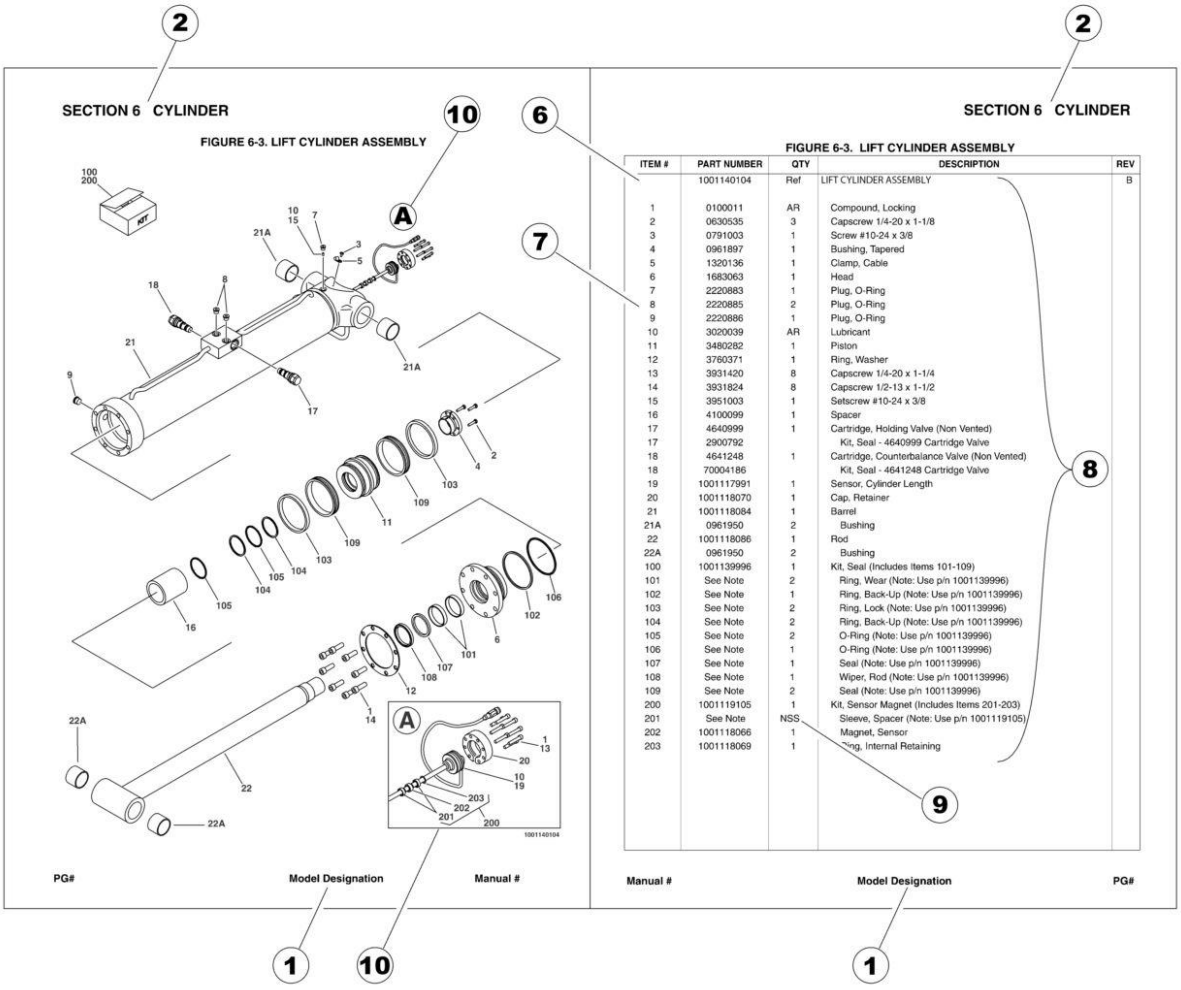
Machine Configuration

Two configurations of each machine are included in this manual. Determine if machine is equipped with Ultra Sulfer Fuel Decal (1) as indicated below.

- **If equipped with the Ultra Low Sulfur decal, all specific references to this machine configuration will be referred to as Ultra Low Sulfur (ULS) from this point forward.**
- **If not equipped with the Ultra Low Sulfur decal, all specific references to this machine configuration will be referred to as Low Sulfur (LS) from this point forward.**



GENERAL INFORMATION



1) MACHINE IDENTIFICATION

Machines are identified by model and in some cases a combination of models, serial number (SN) or regional standard (i.e ANSI, CE,CSA). Components may also be identified by SN or manufacturer. Common components that may be identified by these characteristics are engines and hydraulic components.

2) PARTS MANUAL ORGANIZATION

Product information in this manual is organized under section titles. Frame, Cylinder, Hydraulic and Electrical are a few examples. Each section is organized by figure and page number. The information within the Figure is then organized by item number, part number, description and corresponding illustration (s).

3) TABLE OF CONTENTS (NOT SHOWN)

A table of contents is found toward the beginning of the manual. Figure number, description and page number are provided for quick reference to the page containing the related information.

4) RECOMMENDED SPARE PARTS (NOT SHOWN)

The Recommended Spare Parts List, located near the end of the manual, reference most frequently used maintenance parts.

5) PART NUMBER INDEX (NOT SHOWN)

A numerical index listing all part numbers and the corresponding page number(s) appears at the back of the manual.

GENERAL INFORMATION

6) NON-SERVICED PARTS

In some instances, it is necessary to display non-serviced parts, assemblies or installations. In the case of assemblies and installations there will be a Ref in the Qty. column. In case of parts that are not available for service within assemblies or components, there will be a NSS (Not Sold Separately) or NLA (No Longer Available) listed in the Qty. column of the manual.

7) PARTS LIST ITEM NUMBERS

Numbers shown in the item# column correspond to numbers used in the associated illustration (s). Item numbers which are missing from the sequence in the parts list are not used on that page.

8) INDENTED PARTS DESCRIPTION

An indented part description is included in the item under which it is indented.

9) ABBREVIATION AND SYMBOLS

AC..... Alternating Current
ADE.....Advanced Design Electronics
AG.....Agricultural
ANSI.....American National Standards Institute
AR.....As Required
ASSY..... Assembly
AUS.....Australia
AUX.....Auxiliary
AWG.....American Wire Gauge
B/M.....Bill of Material
CAC.....Charge Air Cooler
CE.....European Conformity
CCW.....Counter Clockwise
CM.....Centimeter
CW.....Clockwise
CSA.....Canadian Standards Association
CYL.....Cylinder
DIA.....Diameter
DC.....Direct Current
DEF.....Diesel Exhaust Fliud
EMS..... Emergency Stop
ENG.....Engine
FT(ft) .....Feet
GA(Ga).....Gauge
HRC.....High Rated Countries
HVAC.....Heating, Ventilating, and Air Conditioning
HYD.....Hydraulic
Hz.....Hertz
ID.....Inside Diameter
IN.....inches
ISO.....International Organization for Standards
JIC.....Joint Industry Council
KG.....Kilogram
L.....Liter
LB(LBS).....Pounds
LCD..... Liquid Crystal Display
LED..... .Light Emitting Diodes
LH.....Left Hand
LRC.....Low Rated Countries
LSS.....Load Sensing System
M(m).....Metric/Meter
MM(mm).....Milimeter
mA.....Miliamps
NLA.....No Longer Available
NPT..... National Pipe Threads
NSS.....Not Sold Separately
OD.....Outside Diameter
ORB..... O-Ring Boss
ORFS.....O-Ring Face Seal
OZ (oz).....Ounces
PG.....Page
PN.....Part Number
QT(qt.). .....Quarts
QTY.....Quantity
REF.....Reference
REV.....Revision Level
RH.....Right Hand
SAE.....Society of Automotive Engineers
SN..... ..Serial Number
SPEC(S).....Specifications
T/T.....Turntable
UGM.....Universal Ground Module
V.....Volts
W.....Watts
#.....Number

10) ILLUSTRATION REFERANCE LETTERS

When necessary, illustrations may contain reference letters that are intended to track information (i. e. hoses, harnesses) from one point to another or to track visual enlargement of components to show details that may be located in another area on the illustration.

Note: Due to continuous product improvements, JLG Industries, Inc. reserves the right to make specification changes without prior notification. Contact JLG Industries, Inc. for updated information.

TABLE OF CONTENTS

SECTION 1 - FRAME AND ATTACHING PARTS 17

FIGURE 1-1. FRAME INSTALLATION 18
FIGURE 1-2. ENGINE ENCLOSURE INSTALLATION (NO RHOC) 20
FIGURE 1-3. ENGINE ENCLOSURE COVER INSTALLATION 22
FIGURE 1-4. HOOD INSTALLATION (NO RHOC) 24
FIGURE 1-5. HOOD IONSTALLATION (W/RHOC) 26
FIGURE 1-6. COVER PLATES INSTALLATION (NO OUTRIGGERS - ULS) 28
FIGURE 1-7. COVER PLATES INSTALLATION (NO OUTRIGGERS - LS) 30
FIGURE 1-8. COVER PLATE INSTALLATION (NO TRAILER BRAKES) 32
FIGURE 1-9. COVER PLATE INSTALLATION (TRAILER BRAKES) 34
FIGURE 1-10. COVER PLATE INSTALLATION (NO REAR AUX) 36
FIGURE 1-11. COVER PLATE INSTALLATION (REAR AUX) 38
FIGURE 1-12. COVER PLATE INSTALLATION (HYDRAULIC HITCH AND REAR AUX) 40
FIGURE 1-13. REAR COVER PLATE INSTALLATION (NO HYDRAULIC HITCH) 42
FIGURE 1-14. TANKS INSTALLATION 44
FIGURE 1-15. FUEL TANK INSTALLATION 46
FIGURE 1-16. FUEL TANK ASSEMBLY 48
FIGURE 1-17. HYDRAULIC TANK INSTALLATION 50
FIGURE 1-18. HYDRAULIC TANK ASSEMBLY 52
FIGURE 1-19. FUEL AND HYDRAULIC CAP INSTALLATION 54
FIGURE 1-20. HITCH RETRIEVAL INSTALLATION 56
FIGURE 1-21. HITCH INSTALLATION (EEC AUTO) 58
FIGURE 1-22. HITCH INSTALLATION (PITON) 60
FIGURE 1-23. HITCH ASSEMBLY (EEC AUTO) 62
FIGURE 1-24. SLIDING HITCH ASSEMBLY (PITON) 64
FIGURE 1-25. HITCH INSTALLATION (EEC MANUAL) 66
FIGURE 1-26. HITCH ASSEMBLY (EEC MANUAL) 68
FIGURE 1-27. HITCH INSTALLATION (FIXED) 70
FIGURE 1-28. HITCH ASSEMBLY (FIXED) 72
FIGURE 1-29. HITCH INSTALLATION (HYDRAULIC) 74
FIGURE 1-30. CAB PLUG INSTALLATION (NON HYDRAULIC HITCH) 76
FIGURE 1-31. MIRROR INSTALLATION 78
FIGURE 1-32. REAR MIRROR INSTALLATION (FLAT) 80
FIGURE 1-33. REAR MIRROR INSTALLATION (CONVEX) 82
FIGURE 1-34. MIRROR ASSEMBLY (CONVEX) 84
FIGURE 1-35. TOOLBOX INSTALLATION 86

SECTION 2 - BOOM 89

FIGURE 2-1. BOOM ASSEMBLY 90
FIGURE 2-2. FIRST BOOM SECTION 92
FIGURE 2-3. SECOND BOOM SECTION ASSEMBLY 94
FIGURE 2-4. LINK ASSEMBLY 96
FIGURE 2-5. LEVER ASSEMBLY 98
FIGURE 2-6. RETRACT SENSOR INSTALLATION 100
FIGURE 2-7. BOOM PINNING INSTALLATION 102

TABLE OF CONTENTS

FIGURE 2-8. LIFT CYLINDER PINNING INSTALLATION 104
FIGURE 2-9. COMPENSATION CYLINDER PINNING INSTALLATION 106
FIGURE 2-10. BOOM PIVOT INSTALLATION 108
FIGURE 2-11. BOOM BRUSHES INSTALLATION 110
FIGURE 2-12. BOOM PROP INSTALLATION 112
FIGURE 2-13. HYDRAULIC QUICK COUPLER INSTALLATION 114
FIGURE 2-14. MANUAL QUICK COUPLER INSTALLATION 116

SECTION 3 - ATTACHMENTS 119

FIGURE 3-1. AUGER COUPLING 120
FIGURE 3-2. AUGER BIT (6INX4IN) 122
FIGURE 3-3. AUGER BIT (9INX4IN) 124
FIGURE 3-4. AUGER BIT (12INX4IN) 126
FIGURE 3-5. AUGER BIT (15INX4IN) 128
FIGURE 3-6. AUGER BIT (18INX4IN) 130
FIGURE 3-7. AUGER BIT (24INX4IN) 132
FIGURE 3-8. AUGER BIT (36INX4IN) 134
FIGURE 3-9. BALE HANDLER (TUBE CLAMP) 136
FIGURE 3-10. BALE HANDLER KIT (TUBE CLAMP) 138
FIGURE 3-11. BALE HANDLER (SPIKE CLAMP) 140
FIGURE 3-12. BALE HANDLER KIT (SPIKE CLAMP) 142
FIGURE 3-13. BASKET PERSONNEL (1.2MX2.4M) (DOMESTIC) 144
FIGURE 3-14. BASKET PERSONNEL (1.2MX2.4M) (FRENCH LANGUAGE) 146
FIGURE 3-15. BASKET PERSONNEL (FORK MOUNTED) 148
FIGURE 3-16. BUCKET (CONCRETE) 150
FIGURE 3-17. BUCKET (DIRT) 154
FIGURE 3-18. BUCKET (GRAPPLE MULTI-PURPOSE) 156
FIGURE 3-19. BUCKET (MANURE GRAPPLE) 158
FIGURE 3-20. BUCKET(0.6M³) (MULTI-PURPOSE 4 IN 1) 160
FIGURE 3-21. BUCKET(1M³/1.25YD³) (GENERAL PURPOSE - ROUND HEEL) 162
FIGURE 3-22. BUCKET(1M³/1.25YD³) (GENERAL PURPOSE - ANGULAR HEEL) 164
FIGURE 3-23. BUCKET(1M³) (MULTI-PURPOSE 4 IN 1) 166
FIGURE 3-24. BUCKET (1.5M³/2YD³) (GENERAL PURPOSE - ROUND HEEL) 168
FIGURE 3-25. BUCKET (1.5M³/2YD³) (GENERAL PURPOSE - ANGULAR HEEL) 170
FIGURE 3-26. BUCKET (2M³/2.6YD³) (GENERAL PURPOSE - ROUND HEEL) 172
FIGURE 3-27. BUCKET (2M³/2.6YD³) (GENERAL PURPOSE - ANGULAR HEEL) 174
FIGURE 3-28. BUCKET (2.5M³/3.25YD³) (GENERAL PURPOSE - ROUND HEEL) 176
FIGURE 3-29. BUCKET (2.5M³/3.25YD³) (GENERAL PURPOSE - ANGULAR HEEL) 178
FIGURE 3-30. BUCKET (3M³/4YD³) (GENERAL PURPOSE - ROUND HEEL) 180
FIGURE 3-31. BUCKET (3M³/4YD³) (GENERAL PURPOSE - ANGULAR HEEL) 182
FIGURE 3-32. BUCKET BOLT-ON EDGE (ONE PIECE) 184
FIGURE 3-33. BUCKET BOLT-ON EDGE (TWO PIECE) 186
FIGURE 3-34. BUCKET BOLT-ON EDGE (THREE PIECE) 188
FIGURE 3-35. BUCKET FRONT GUARD 190
FIGURE 3-36. BUCKET TEETH KIT 192
FIGURE 3-37. CARRIAGE ASSEMBLY (1225MM) 194

FIGURE 3-38. CARRIAGE ASSEMBLY (1270MM) 196
FIGURE 3-39. CARRIAGE ASSEMBLY (1524MM) 198
FIGURE 3-40. CARRIAGE ASSEMBLY (1524MM) 200
FIGURE 3-41. CARRIAGE ASSEMBLY (1829MM) 202
FIGURE 3-42. CARRIAGE ASSEMBLY (1829MM) 204
FIGURE 3-43. CARRIAGE ASSEMBLY - SIDE TILTING (4.5 TON - 1225 MM) 206
FIGURE 3-44. CARRIAGE ASSEMBLY - SIDE TILTING (4.0 TON - 1575 MM) 208
FIGURE 3-45. CARRIAGE ASSEMBLY - SID TILTING (4.0 TON - 1829 MM) 210
FIGURE 3-46. CARRIAGE ASSEMBLY - SIDE SHIFT (4.0 TON - 1225 MM) 212
FIGURE 3-47. CARRIAGE ASSEMBLY - FORK POSITIONING (4.0 TON - 1225 MM) 214
FIGURE 3-48. CARRIAGE ASSEMBLY - FEM CARRIAGE AND FORKS 216
FIGURE 3-49. FORK - LUMBER (45X150X1540) 218
FIGURE 3-50. FORK - LUMBER (50X150X1830) 220
FIGURE 3-51. FORK - PALLET (50X100X1200) 222
FIGURE 3-52. FORK - PALLET (50X100X1200) (CE & AUS WITH SIDE SHIFT CARRIAAGE) (4.0 TON - 1225MM) 224
FIGURE 3-53. FORK - PALLET (50X120X1200) 226
FIGURE 3-54. FORK - PALLET (60X125X1220) 228
FIGURE 3-55. FORK - MUCK WITH GRAB 230
FIGURE 3-56. FORK - DUAL TINE BAILING WITH CARRIAGE 232
FIGURE 3-57. FORK _ EXTENSIONS (62X163X2286) (ANSI) 234
FIGURE 3-58. HOOK_CRANE (FORK MOUNTED) 236
FIGURE 3-59. TRASH HOPPER INSTALLATION 238
FIGURE 3-60. TRUSS BOOM (0.9 TON - 3.5M/12FT WITH WINCH) 240
FIGURE 3-61. TRUSS BOOM (1 TON - 3.4M/11FT) 242
FIGURE 3-62. TRUSS BOOM (1TON - 3.5M/12FT) 244
FIGURE 3-63. TRUSS BOOM (1.8 TON - 0.9M/3FT WITH WINCH) 246
FIGURE 3-64. TRUSS BOOM (4.4 TON - 2.1M/6.75FT) 248
FIGURE 3-65. TRUSS BOOM (4.4TON - 2.3M/7.5FT) 250

SECTION 4 - ENGINE AND ATTACHING PARTS 253

FIGURE 4-1. ENGINE INSTALLATION (90KW - ULS - PISTON PUMP) 254
FIGURE 4-2. ENGINE INSTALLATION (100KW - ULS - PISTON PUMP) 256
FIGURE 4-3. ENGINE INSTALLATION (90KW - LS - PISTON PUMP) 258
FIGURE 4-4. ENGINE MOUNTING INSTALLATION (90KW/100KW) 260
FIGURE 4-5. 3.6L ENGINE (90KW - ULS - PISTON PUMP) 262
FIGURE 4-6. 3.6L ENGINE (100KW) 264
FIGURE 4-7. ENGINE (100KW - LS) 268
FIGURE 4-8. ECU HRC INSTALLATION 270
FIGURE 4-9. ENGINE ECU INSTALLATION (ULS) 272
FIGURE 4-10. BRACKET GUARD INSTALLATION 274
FIGURE 4-11. FUEL LINES INSTALLATION (ULS - RHOC) 276
FIGURE 4-12. FUEL LINES INSTALLATION (LS) 278
FIGURE 4-13. EXHAUST INSTALLATION (ULS) 280
FIGURE 4-14. EXHAUST INSTALLATION 282
FIGURE 4-15. COOLING PACKAGE INSTALLATION (90KW - ULS) 284
FIGURE 4-16. COOLING FAN INSTALLATION 286

TABLE OF CONTENTS

FIGURE 4-17. FAN LINES INSTALLATION (90KW)....288
FIGURE 4-18. FAN DRIVE MOTOR (NO RHOC)....290
FIGURE 4-19. FUEL FILTER INSTALLATION (90/100KW - ULS)....292
FIGURE 4-20. PRIMARY FUEL FILTER INSTALLATION (90KW - LS)....294
FIGURE 4-21. AIR CLEANER INSTALLATION (90KW)....296
FIGURE 4-22. AIR CLEANER ASSEMBLY (90/100KW)....298
FIGURE 4-23. PRE-AIR CLEANER ACCESSORY....300
FIGURE 4-24. AIR INTAKE RAIN CAP ACCESSORY....302
FIGURE 4-25. AIR INTAKE LINES INSTALLATION (90/100KW - ULS)....304
FIGURE 4-26. AIR INTAKE LINES INSTALLATION (90KW - LS)....306
FIGURE 4-27. COOLER INSTALLATION (90KW)....308
FIGURE 4-28. RADIATOR COOLING PACKAGE (90KW)....310
FIGURE 4-29. REMOTE HOC INSTALLATION....312
FIGURE 4-30. FAN DRIVE MOTOR (RHOC)....314
FIGURE 4-31. COOLANT LINES INSTALLATION (ULS)....316
FIGURE 4-32. COOLER LINES INSTALLATION (90KW)....318
FIGURE 4-33. CAC LINES INSTALLATION (ULS)....320
FIGURE 4-34. SURGE TANK INSTALLATION....322
FIGURE 4-35. EXPANSION TANK....324
FIGURE 4-36. BULKHEAD INSTALLATION....326
FIGURE 4-37. DEF CONTROL MODULE INSTALLATION (ULS)....328
FIGURE 4-38. DEF TANK INSTALLATION (ULS)....330
FIGURE 4-39. DEF TANK ASSEMBLY....332
FIGURE 4-40. DEF LINES INSTALLATION (ULS)....334
FIGURE 4-41. REMOTE FUEL PUMP INSTALLATION (74.4KW)....336
FIGURE 4-42. HYDRAULIC PUMP INSTALLATION (90KW)....338
FIGURE 4-43. HEATER LINES INSTALLATION....340
FIGURE 4-44. HEATER LINES INSTALLATION....342
FIGURE 4-45. HEATER LINES WITH HEATER INSTALLATION....344
FIGURE 4-46. BLOCK HEATER INSTALLATION (120V - LS)....346
FIGURE 4-47. HEATER LINES INSTALLATION (LS)....348
FIGURE 4-48. BLOCK HEATER (LS)....350
FIGURE 4-49. A/C PUMP INSTALLATION....352
FIGURE 4-50. A/C LINES INSTALLATION....354

SECTION 5 - DRIVE TRAIN....357

FIGURE 5-1. DRIVETRAIN INSTALLATION....358
FIGURE 5-2. FRONT AXLE INSTALLATION....360
FIGURE 5-3. FRONT AXLE ASSEMBLY....362
FIGURE 5-4. REAR AXLE INSTALLATION....372
FIGURE 5-5. REAR AXLE ASSEMBLY....374
FIGURE 5-6. DRIVE SHAFTS INSTALLATION....384
FIGURE 5-7. REMOTE GREASE SYSTEM INSTALLATION....386
FIGURE 5-8. AXLE SHIM INSTALLATION....388
FIGURE 5-9. TRANSMISSION INSTALLATION (6 SPD - 90KW)....390
FIGURE 5-10. TRANSMISSION INSTALLATION (6 SPD - 97KW)....392

FIGURE 5-11. TRANSMISSION (6 SPD - 90KW) 394
FIGURE 5-12. TRANSMISSION (6 SPD - HHP - 97KW) 396
FIGURE 5-13. PLANETARY CASE AND PARTS GROUP 398
FIGURE 5-14. TORQUE CONVERTER GROUP 400
FIGURE 5-15. TORQUE CONVERTER GROUP 402
FIGURE 5-16. TRANSFER GEAR AND CASE GROUP 404
FIGURE 5-17. TRANSMISSION HYDRAULIC CONTROL GROUP 406
FIGURE 5-18. INPUT SHAFT GROUP 408
FIGURE 5-19. TRANSMISSION CLUTCH GROUP 410
FIGURE 5-20. CLUTCH AND GEAR GROUP 412
FIGURE 5-21. TRANSMISSION PUMP GROUP 414
FIGURE 5-22. OUTPUT SHAFT GROUP 416
FIGURE 5-23. SPEED SENSOR 418
FIGURE 5-24. IDLER GEAR 420
FIGURE 5-25. REAR TRANSMISSION CASE 422
FIGURE 5-26. PLANETARY CASE 424
FIGURE 5-27. FRONT TRANSFER CASE 426
FIGURE 5-28. REAR TRANSFER CASE 428
FIGURE 5-29. RELIEF VALVE 430
FIGURE 5-30. SOLENOID VALVE 432
FIGURE 5-31. SOLENOID VALVE 434
FIGURE 5-32. FRONT TRANSMISSION CASE ASSEMBLY 436
FIGURE 5-33. REAR TRANSMISSION CASE ASSEMBLY 438
FIGURE 5-34. TIRE/WHEEL SET (AIR - 460/70 R24 XMCL) 440
FIGURE 5-35. RIGHT TIRE/WHEEL ASSEMBLY (AIR - 460/70 R24) 442
FIGURE 5-36. LEFT TIRE/WHEEL ASSEMBLY (AIR - 460/70 R24) 444
FIGURE 5-37. TIRE/WHEEL SET (AIR - 500/70 R24 XMCL) 446
FIGURE 5-38. RIGHT TIRE/WHEEL ASSEMBLY (AIR - 500/70 R24) 448
FIGURE 5-39. LEFT TIRE/WHEEL ASSEMBLY (AIR - 500/70 R24) 450
FIGURE 5-40. TIRE/WHEEL ASSEMBLY (AIR - 370/75-28) 452
FIGURE 5-41. FENDER INSTALLATION 454
FIGURE 5-42. FENDER ASSEMBLY (RR-RH) 456
FIGURE 5-43. FENDER ASSEMBLY (RR-LH) 458
FIGURE 5-44. FENDER ASSEMBLY (FRT-RH) 460
FIGURE 5-45. FENDER ASSEMBLY (FRT-LH) 462

SECTION 6 - CAB 465

FIGURE 6-1. CAB MOUNTS INSTALLATION 466
FIGURE 6-2. ENCLOSED CAB INSTALLATION 468
FIGURE 6-3. ENCLOSED CAB ASSEMBLY 470
FIGURE 6-4. ENCLOSED CAB GROUP 472
FIGURE 6-5. ENCLOSED CAB 474
FIGURE 6-6. DOOR INSTALLATION 476
FIGURE 6-7. DOOR UPPER GLASS ASSEMBLY 478
FIGURE 6-8. CAB LATCH ASSEMBLY 480
FIGURE 6-9. CAB DOOR TRIGGER ASSEMBLY 482

TABLE OF CONTENTS

FIGURE 6-10. DOOR ASSEMBLY (AG) 484
FIGURE 6-11. CAB DOOR 486
FIGURE 6-12. DOOR STRAP INSTALLATION 488
FIGURE 6-13. REAR WINDOW INSTALLATION 490
FIGURE 6-14. REAR WINDOW ASSEMBLY 492
FIGURE 6-15. ENCLOSED CAB PLUG GROUP 494
FIGURE 6-16. INTERIOR MIRROR INSTALLATION 496
FIGURE 6-17. FRONT WIPER INSTALLATION 498
FIGURE 6-18. LEVEL INDICATOR INSTALLATION 500
FIGURE 6-19. ENCLOSED CAB TRIM INSTALLATION 502
FIGURE 6-20. DASH COVER ASSEMBLY 506
FIGURE 6-21. REAR PANEL COVER ASSEMBLY 508
FIGURE 6-22. ADJUSTABLE ARMREST INSTALLTION 510
FIGURE 6-23. ARMREST 512
FIGURE 6-24. FIXED ARMREST BRACKET 514
FIGURE 6-25. MOVING ARMREST BRACKET 516
FIGURE 6-26. BEACON INSTALLATION 518
FIGURE 6-27. WASHER HOSES INSTALLATION 520
FIGURE 6-28. HAMMER INSTALLATION 522
FIGURE 6-29. HAMMER ATTACHMENT ASSEMBLY 524
FIGURE 6-30. FRONT COVER INSTALLATION 526
FIGURE 6-31. FILTER TRAY PANEL 528
FIGURE 6-32. FRONT DUCT COVER 530
FIGURE 6-33. WASHER TANK INSTALLATION 532
FIGURE 6-34. WASHER BOTTLE 534
FIGURE 6-35. SEAT INSTALLATION (AIR SUSPENSION - STANDARD) 536
FIGURE 6-36. SEAT ASSEMBLY (AIR SUSPENSION - STANDARD) 538
FIGURE 6-37. UPPER SEAT ASSEMBLY 540
FIGURE 6-38. SUSPENSION KIT 542
FIGURE 6-39. SEAT INSTALLATION (PREMIUM) 544
FIGURE 6-40. SEAT ASSEMBLY (AIR SUSPENSION - PREMIUM) 546
FIGURE 6-41. SEAT AIR SUSPENSION ASSEMBLY (CLOTH) 548
FIGURE 6-42. SEAT INSTALLATION (CLOTH) (SEAOP) 550
FIGURE 6-43. SEAT INSTALLATION (MECHANICAL) 552
FIGURE 6-44. SEAT ASSEMBLY 554
FIGURE 6-45. SEAT BELT INSTALLATION (2IN) 556
FIGURE 6-46. SEAT BELT INSTALLATION (3IN) 558
FIGURE 6-47. SEAT BELT INSTALLATION (3IN)(NON KAB SEAT) 560
FIGURE 6-48. HEATER INSTALLATION 562
FIGURE 6-49. HEATER ASSEMBLY 564
FIGURE 6-50. HEATER AND A/C INSTALLATION 566
FIGURE 6-51. CAB CONDENSER ASSEMBLY 570
FIGURE 6-52. CONDENSER 572
FIGURE 6-53. A/C RECEIVER DRIER 574
FIGURE 6-54. HEATER AND A/C ASSEMBLY 576

FIGURE 6-55. ROOF WIPER INSTALLATION 578
FIGURE 6-56. HEADLINER INSTALLATION 580
FIGURE 6-57. HEADLINER/ RADIO READY INSTALLATION 582
FIGURE 6-58. CAB GUARD INSTALLATION (TOP) 584
FIGURE 6-59. CAB GUARD INSTALLATION (FRONT) 586
FIGURE 6-60. CAB GUARD INSTALLATION (TOP AND FRONT) 588
FIGURE 6-61. COMMON CAB TRIM INSTALLATION 590
FIGURE 6-62. CAB TRIM INSTALLATION 592
FIGURE 6-63. ROOF CAP INSTALLATION (A/C) 594
FIGURE 6-64. ROOF CAP INSTALLATION (NO A/C) 596
FIGURE 6-65. FRONT NOSE CONE INSTALLATION (SIDELIGHT) 598
FIGURE 6-66. ENCLOSED CAB FRONT COVER INSTALLATION 600
FIGURE 6-67. RETRACTABLE SUNSCREEN INSTALLATION 602
FIGURE 6-68. CAB STEP INSTALLATION 604
FIGURE 6-69. FLOOR MAT INSTALLATION 606
FIGURE 6-70. EXTERNAL WINDOW RELEASE INSTALLATION (ANSI) 608
FIGURE 6-71. EXTERNAL WINDOW RELEASE INSTALLATION (CAN) 610
FIGURE 6-72. EXTERNAL WINDOW RELEASE INSTALLATION (LATIN AMERICAN SPEC) 612

SECTION 7 - CONTROLS 615

FIGURE 7-1. ACCELERATOR PEDAL INSTALLATION 616
FIGURE 7-2. ACCELERATOR PEDAL 618
FIGURE 7-3. BRAKE PEDAL INSTALLATION 620
FIGURE 7-4. BRAKE PEDAL 622
FIGURE 7-5. BRAKE PEDAL PLATE 624
FIGURE 7-6. BRAKE SENSOR INSTALLATION 626
FIGURE 7-7. SWITCH PLATE ASSEMBLY 628
FIGURE 7-8. PARKING BRAKE INSTALLATION (CABLE - STANDARD) 630
FIGURE 7-9. PARKING BRAKE COVER (MECHANICAL) 632
FIGURE 7-10. PARKING CABLE ASSEMBLY (MECHANICAL) 634
FIGURE 7-11. STEERING WHEEL INSTALLATION 636
FIGURE 7-12. STEERING WHEEL 638
FIGURE 7-13. STEERING COLUMN INSTALLATION 640
FIGURE 7-14. TILT STEERING COLUMN 642
FIGURE 7-15. HORN INSTALLATION 644
FIGURE 7-16. HORN BUTTON INSTALLATION 646
FIGURE 7-17. JOYSTICK INSTALLATION 648
FIGURE 7-18. WIPER-TURN SWITCH (0 SPEED - FNR) 650
FIGURE 7-19. WIPER-TURN SWITCH (NO SPEED) 652

SECTION 8 - HYDRAULIC CIRCUITS 655

FIGURE 8-1. COMMON HYDRAULICS INSTALLATION 656
FIGURE 8-2. AUXILIARY HYDRAULICS INSTALLATION - REAR (TWIN) 660
FIGURE 8-3. AUXILIARY HYDRAULICS INSTALLATION - REAR (SINGLE) 662
FIGURE 8-4. BOOM HYDRAULIC INSTALLATION 664
FIGURE 8-5. BOOM LINES INSTALLATION 666

TABLE OF CONTENTS

FIGURE 8-6. BOOM RAISE HOSES INSTALLATION (NO RIDE CONTROL) 668
FIGURE 8-7. BOOM RAISE HOSES INSTALLATION (WITH RIDE CONTROL) 670
FIGURE 8-8. BRAKE LINES INSTALLATION....672
FIGURE 8-9. BRAKE INSTALLATION – TRAILER....674
FIGURE 8-10. BRAKE ACCUMULATOR LINES INSTALLATION (WITHOUT SAHR) 676
FIGURE 8-11. COUPLER (HYDRAULIC) LINES INSTALLATION (FRONT BOOM - TWIN)....678
FIGURE 8-12. COUPLER (HYDRAULIC) LINES INSTALLATION (FRONT BOOM - SINGLE)....680
FIGURE 8-13. COUPLER (MANUAL) LINES INSTALLATION (FRONT BOOM - TWIN) 682
FIGURE 8-14. COUPLER (MANUAL) LINES INSTALLATION (FRONT BOOM - SINGLE) 684
FIGURE 8-15. LIFT CYLINDER INSTALLATION....686
FIGURE 8-16. MAIN CONTROL VALVE INSTALLATION 688
FIGURE 8-17. MAIN HYDRAULIC PUMP INSTALLATION 690
FIGURE 8-18. IMPLEMENT PUMP INSTALLATION....692
FIGURE 8-19. PRIORITY LINES INSTALLATION....694
FIGURE 8-20. PRIORITY VALVE INSTALLATION....696
FIGURE 8-21. RETURN LINES INSTALLATION....698
FIGURE 8-22. STEERING LINES INSTALLATION....700
FIGURE 8-23. STEER SELECT VALVE INSTALLATION....702
FIGURE 8-24. SUCTION LINES INSTALLATION....704

SECTION 9 - HYDRAULIC COMPONENTS 707

FIGURE 9-1. CYLINDER ASSEMBLY - COMPENSATION....708
FIGURE 9-2. CYLINDER SUB-ASSEMBLY - COUPLER LOCKING 710
FIGURE 9-3. CYLINDER ASSEMBLY - COUPLER LOCKING....712
FIGURE 9-4. CYLINDER ASSEMBLY - EXTEND/RETRACT (TELESCOPE)....714
FIGURE 9-5. CYLINDER ASSEMBLY - LIFT....716
FIGURE 9-6. CYLINDER ASSEMBLY - TILT....718
FIGURE 9-7. IMPLEMENT PUMP 720
FIGURE 9-8. VALVE SUB-ASSEMBLY - DIVERTOR (HI-FLOW) 722
FIGURE 9-9. VALVE ASSEMBLY - DIVERTOR (HI-FLOW)....724
FIGURE 9-10. VALVE ASSEMBLY - DIVERTOR (TWIN HYDRAULIC COUPLER)....726
FIGURE 9-11. VALVE ASSEMBLY - DIVERTOR (TWIN MANUAL & SINGLE/TWIN HYDRAULIC COUPLERS)....728
FIGURE 9-12. VALVE ASSEMBLY - FAN MOTOR CONTROL....730
FIGURE 9-13. VALVE ASSEMBLY - HYDRAULIC HITCH CONTROL VALVE 732
FIGURE 9-14. VALVE ASSEMBLY - MAIN CONTROL 734
FIGURE 9-15. VALVE ASSEMBLY - PRIORITY FLOW MANIFOLD 736
FIGURE 9-16. VALVE ASSEMBLY - RIDE CONTROL....738
FIGURE 9-17. VALVE ASSEMBLY - STEERING SELECT VALVE....740
FIGURE 9-18. VALVE ASSEMBLY - TRAILER BRAKE 742

SECTION 10 - ELECTRICAL....745

FIGURE 10-1. 925 ELECTRICAL LAYOUT 746
FIGURE 10-2. BATTERY INSTALLATION (STANDARD)....756
FIGURE 10-3. BATTERY INSTALLATION (DUAL)....758
FIGURE 10-4. BEACON/STROBE INSTALLATION 760
FIGURE 10-5. BOOM HARNESS INSTALLATION....762

FIGURE 10-6. BOOM HARNESS 764
FIGURE 10-7. BOOM ANGLE SENSOR INSTALLATION 766
FIGURE 10-8. CAB ELECTRICAL INSTALLATION 768
FIGURE 10-9. CAB HARNESS 772
FIGURE 10-10. CAB HARNESS 774
FIGURE 10-11. CAB STANDARD ELECTRICAL BOARD ASSEMBLY 780
FIGURE 10-12. CAB OPTION 1 ELECTRICAL BOARD ASSEMBLY 782
FIGURE 10-13. CAB OPTION 2 ELECTRICAL BOARD ASSEMBLY 784
FIGURE 10-14. CAB OPTION HARNESS 786
FIGURE 10-15. DASH ELECTRICS INSTALLATION (ULS) 788
FIGURE 10-16. DASH ELECTRICS INSTALLATION (LS) 790
FIGURE 10-17. CAB HEATER HARNESS INSTALLATION 792
FIGURE 10-18. CAB HEATER HARNESS 794
FIGURE 10-19. CLEARSKY INSTALLATION 796
FIGURE 10-20. CLEARSKY HARNESS 798
FIGURE 10-21. HVAC CAB ACTUATOR 800
FIGURE 10-22. CAB HVAC ACTUATOR HARNESS 802
FIGURE 10-23. CAB - MULTIFUNCTION DISPLAY INSTALLATION 804
FIGURE 10-24. CAB SEAT ADAPTOR HARNESS (PREMIUM SEAT) 806
FIGURE 10-25. DECLUTCH SWITCH INSTALLATION 808
FIGURE 10-26. ELECTRICAL COMPONENTS INSTALLATION 810
FIGURE 10-27. ELECTRICAL POWER DISTRIBUTION ELECTRICAL BOX 812
FIGURE 10-28. ELECTRICAL RELAY INSTALLATION - 200 AMP 814
FIGURE 10-29. ENGINE WIRING INSTALLATION (ULS) 816
FIGURE 10-30. ENGINE WIRING INSTALLATION (LRC) 818
FIGURE 10-31. ENGINE HARNESS (ULS) 820
FIGURE 10-32. ENGINE HARNESS (LS) 828
FIGURE 10-33. ENGINE HARNESS (LS) 830
FIGURE 10-34. ENGINE HARNESS (HRC) 836
FIGURE 10-35. ENGINE HARNESS (HRC) 838
FIGURE 10-36. ENGINE ECU INSTALLAITON (HRC) 842
FIGURE 10-37. ENGINE FUEL PUMP HARNESS 844
FIGURE 10-38. ENGINE GLOW PLUG RELAY HARNESS 846
FIGURE 10-39. ENGINE SPEED SET SWITCH INSTALLATION 848
FIGURE 10-40. FRAME MAIN ELECTRICAL INSTALLATION 850
FIGURE 10-41. FRAME HARNESS - FRONT 852
FIGURE 10-42. FRAME HARNESS - FRONT 856
FIGURE 10-43. FRAME HARNESS - REAR 860
FIGURE 10-44. HVAC ACTUATOR HARNESS 864
FIGURE 10-45. IGNITION SWITCH INSTALLATION 866
FIGURE 10-46. LIGHTS - DIP LIGHTS INSTALLATION (RH) 868
FIGURE 10-47. LIGHTS - LICENSE PLATE LAMP INSTALLATION 870
FIGURE 10-48. LIGHTS - LICENSE PLATE LAMP HARNESS 872
FIGURE 10-49. LIGHTS - NO ROADLIGHTS INSTALLATION 874
FIGURE 10-50. LIGHTS - WORKLIGHTS INSTALLATION (BOOM MOUNTED) 876

TABLE OF CONTENTS

FIGURE 10-51. LIGHTS - WORKLIGHTS INSTALLATION - LED (BOOM MOUNTED) 878
FIGURE 10-52. LIGHTS - WORKLIGHTS HARNESS (BOOM MOUNTED LIGHTS) 880
FIGURE 10-53. LIGHTS - WORKLIGHTS INSTALLATION (CAB MOUNTED) (NO A/C) 882
FIGURE 10-54. LIGHTS - WORKLIGHTS INSTALLATION - LED (CAB MOUNTED) (NO A/C) 884
FIGURE 10-55. LIGHTS - WORKLIGHTS INSTALLATION (CAB MOUNTED) (WITH A/C) 886
FIGURE 10-56. LIGHTS - WORKLIGHTS INSTALLATION -LED (CAB MOUNTED) (WITH A/C) 888
FIGURE 10-57. LSI SENSOR INSTALLATION 890
FIGURE 10-58. LSI DISPLAY INSTALLATION 892
FIGURE 10-59. LSI SENSOR INSTALLATION 894
FIGURE 10-60. LSI SWITCH INSTALLATION 896
FIGURE 10-61. LSI SENSOR COVER INSTALLATION 898
FIGURE 10-62. REVERSE ALARM INSTALLATION 900
FIGURE 10-63. REVERSE CAMERA INSTALLATION 902
FIGURE 10-64. REVERSE CAMERA INSTALATION (WITHOUT HED) 904
FIGURE 10-65. REVERSE SENSING INSTALLATION 906
FIGURE 10-66. REVERSE SENSOR INSTALLATION (HYDRAULIC HITCH) 908
FIGURE 10-67. REVERSE SENSING HARNESS 910
FIGURE 10-68. SEAT BELT ALARM HARNESS 912
FIGURE 10-69. TELEMATICS READY INSTALLATION 914
FIGURE 10-70. TELEMATICS READY HARNESS 916
FIGURE 10-71. TRAILER ELECTRICS INSTALLATION 918
FIGURE 10-72. TRAILER CONNECTOR HARNESS 920

SECTION 11 - DECALS 923

FIGURE 11-1. DECALS INSTALLATION (ANSI) 924
FIGURE 11-2. DECALS INSTALLATION - JLG 928
FIGURE 11-3. DECALS INSTALLATION - JLG AG 930
FIGURE 11-4. CAPACITY CHART (ANSI) 932
FIGURE 11-5. CAPACITY CHART HOLDER INSTALLATION 934
FIGURE 11-6. CLEARSKY DECAL INSTALLATION 936
FIGURE 11-7. TRIANGLE INSTALLATION - SLOW MOVING VEHICLE 938
FIGURE 11-8. TRIANGLE INSTALLATION (WITH HITCH) 940

SECTION 12 - RECOMMENDED SERVICE PARTS STOCK 943

FIGURE 12-1. RECOMMENDED SERVICE PARTS STOCK 944

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS 947

FIGURE 13-1. SPECIAL OPTIONS/ACCESSORIES/KITS 948

PART NUMBER INDEX 949

SECTION 1 - FRAME AND ATTACHING PARTS

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-1. FRAME INSTALLATION

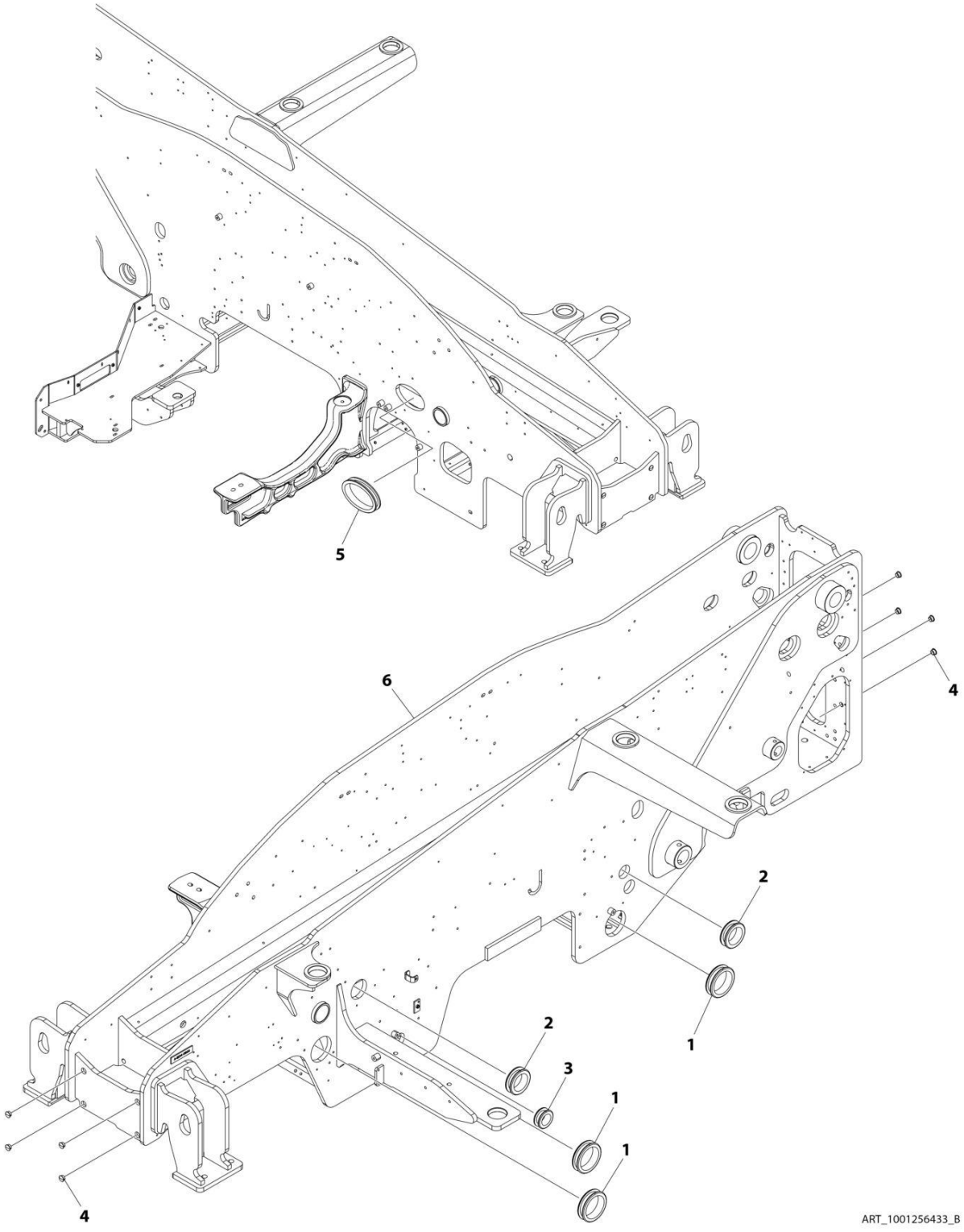


FIGURE 1-1. FRAME INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256433	Ref	FRAME INSTALLATION	B
1	1001003439	3	Grommet, Rubber	
2	1001028291	2	Grommet	
3	1001028308	1	Grommet, Rubber	
4	1001091126	8	Plug, Black	
5	1001217550	1	Grommet, Rubber	
6	1001256434	1	Frame	

FIGURE 1-2. ENGINE ENCLOSURE INSTALLATION (NO RHOC)

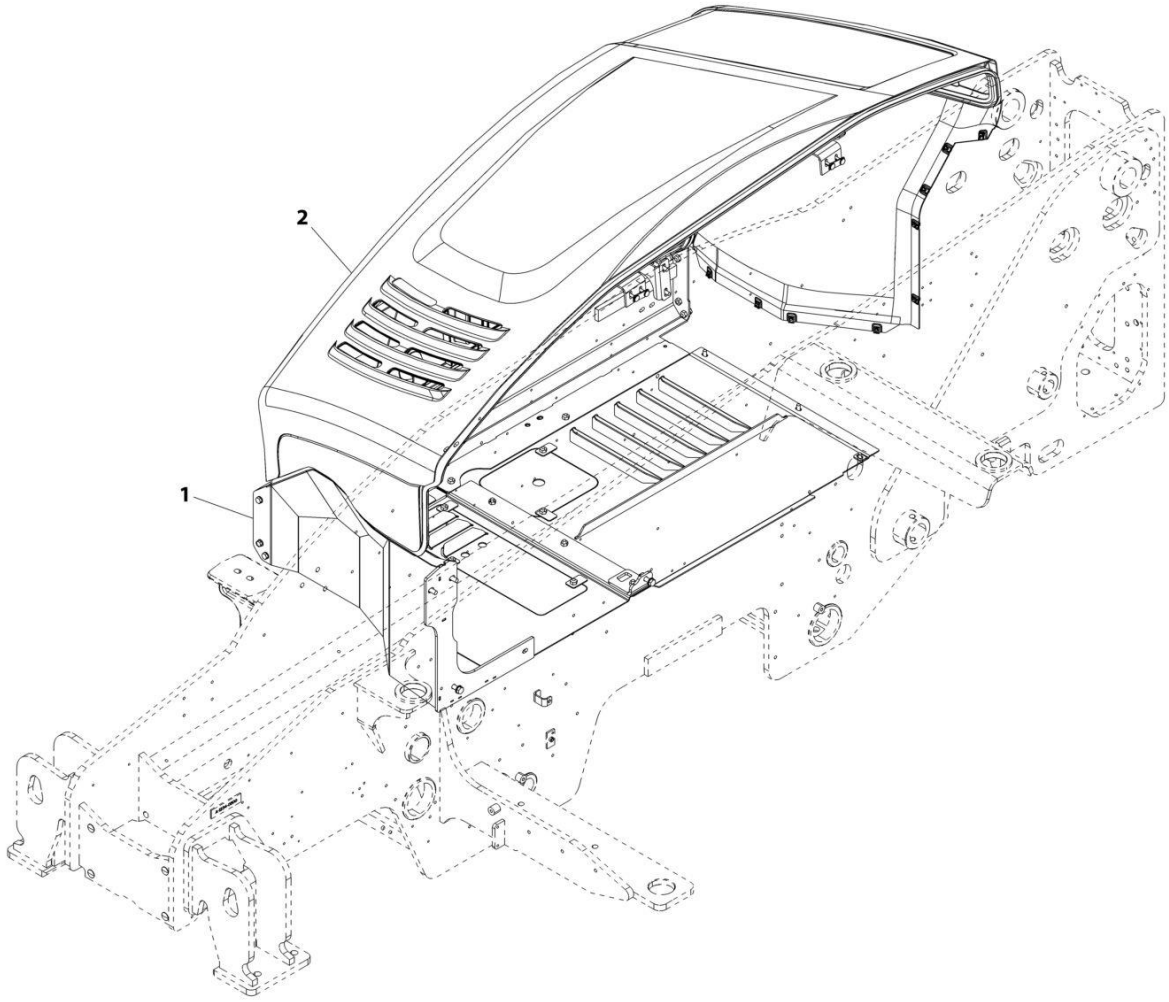


FIGURE 1-2. ENGINE ENCLOSURE INSTALLATION (NO RHOC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257415	Ref	Engine Enclosure Installation (NO RHOC)	A
1	1001195829	1	Installation, Engine Enclosure Cover (RHOC) (See Separate Breakdown in this Section)	
2	1001257414	1	Installation, Hood (See Separate Breakdown in this Section)	

FIGURE 1-3. ENGINE ENCLOSURE COVER INSTALLATION

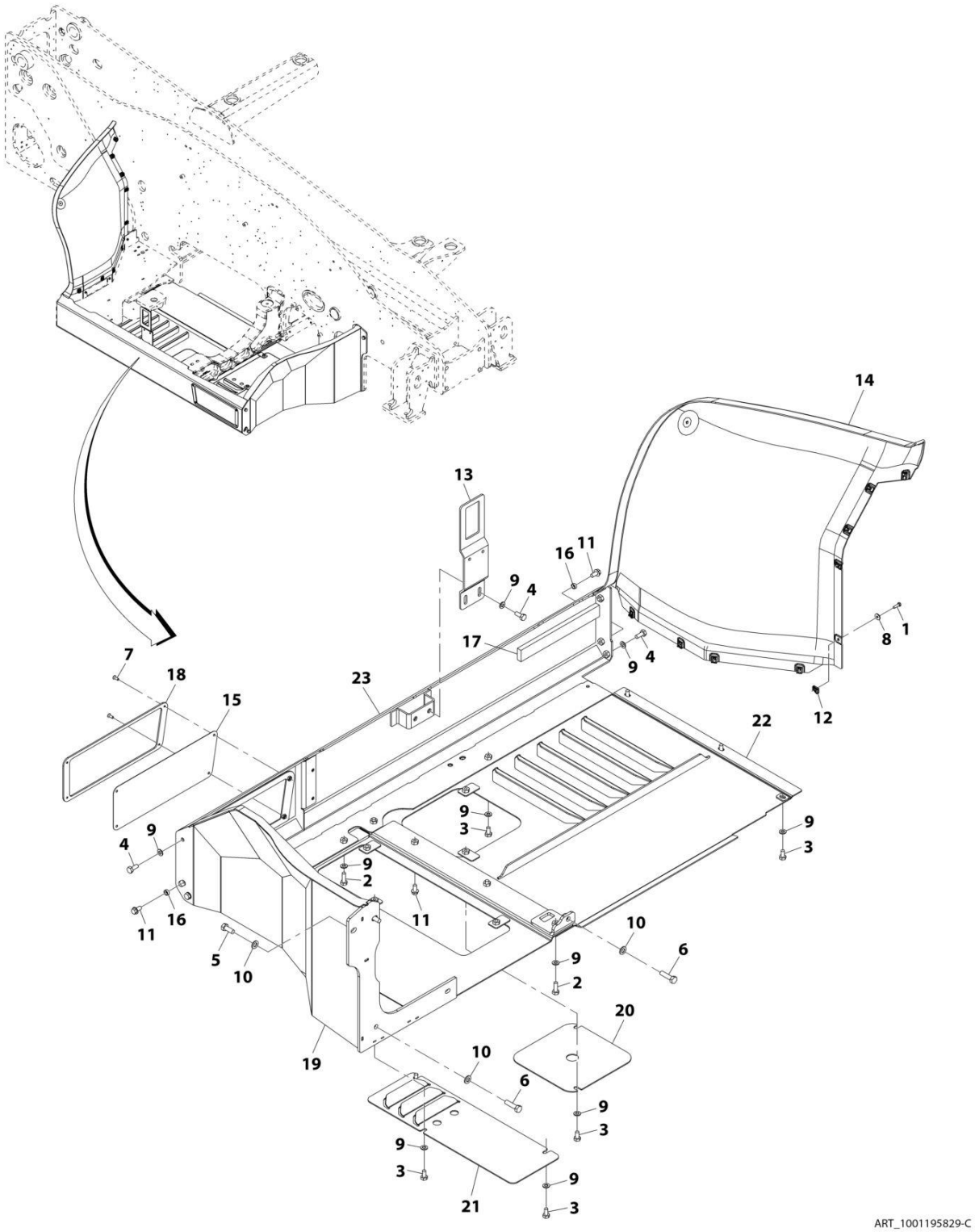


FIGURE 1-3. ENGINE ENCLOSURE COVER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001195829	Ref	Engine Enclosure Cover Installation (RHOC)	E
1	0700610	9	Bolt, M6 X 20	
2	0701014	2	Bolt, M10X30	
3	0761010	10	Bolt, M10X20	
4	0761012	6	Bolt, M10X25	
5	0761214	2	Bolt, M12X30	
6	0761217	2	Bolt, M12X45	
7	3900224	4	Screw	
8	4811702	9	Washer, M6	
9	4812000	18	Washer, M10	
10	4812100	4	Washer, M12	
11	5251010	4	Bolt, M10X20 Grade 10.9	
12	8305919	9	Nut, M6	
13	1001154688	1	Plate	
14	1001184524	1	Cover, Engine Enclosure Rear	
15	1001185061	1	Grill, Engine Enclosure	
16	1001197135	2	Sleeve, Enclosure Skirt	
17	1001197266	1	Seal, Engine Enclosure	
18	1001185023J	1	Panel, Front Vent	
19	1001195210J	1	Panel, Front Enclosure	
20	1001195240J	1	Plate	
21	1001195252J	1	Plate	
22	1001201805J	1	Panel, Engine Enclosure Base	
23	1001196876J	1	Panel, Engine Enclosure Side	

FIGURE 1-4. HOOD INSTALLATION (NO RHOC)

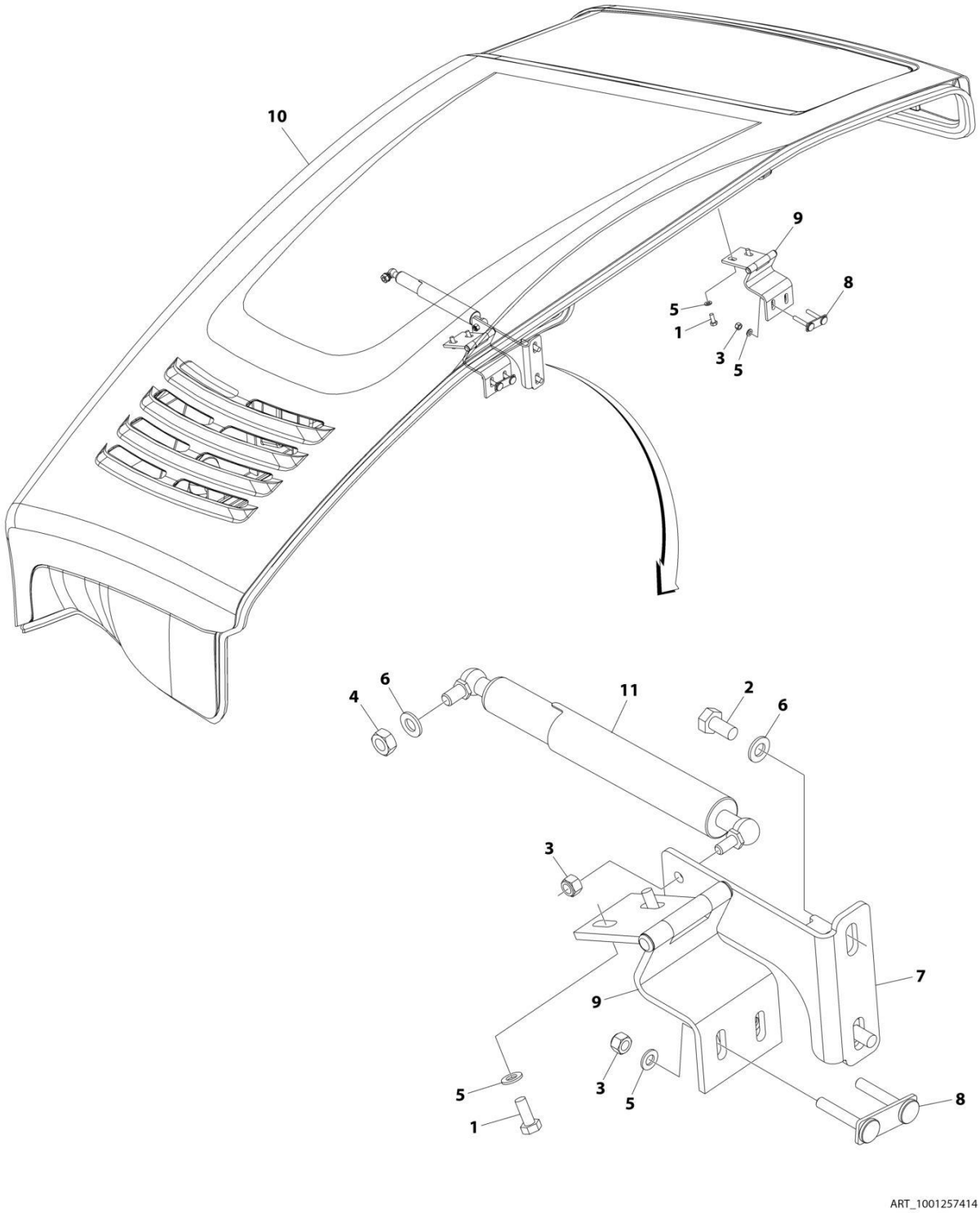


FIGURE 1-4. HOOD INSTALLATION (NO RHOC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257414	Ref	HOOD INSTALLATION	D
1	0760810	4	Bolt M8 x 20	
2	0761010	2	Bolt M10 x 20	
3	3290805	5	Nut M8	
4	3291001	1	Nut M10	
5	4811900	8	Washer M8	
6	4812000	3	Washer M10	
7	1001273847	1	Bracket	
8	1001195587	2	Brace	
9	1001205080	2	Hinge, Hood	
10	1001257413	1	Hood	
11	1001271338	1	Spring	

FIGURE 1-5. HOOD IONSTALLATION (W/RHOC)

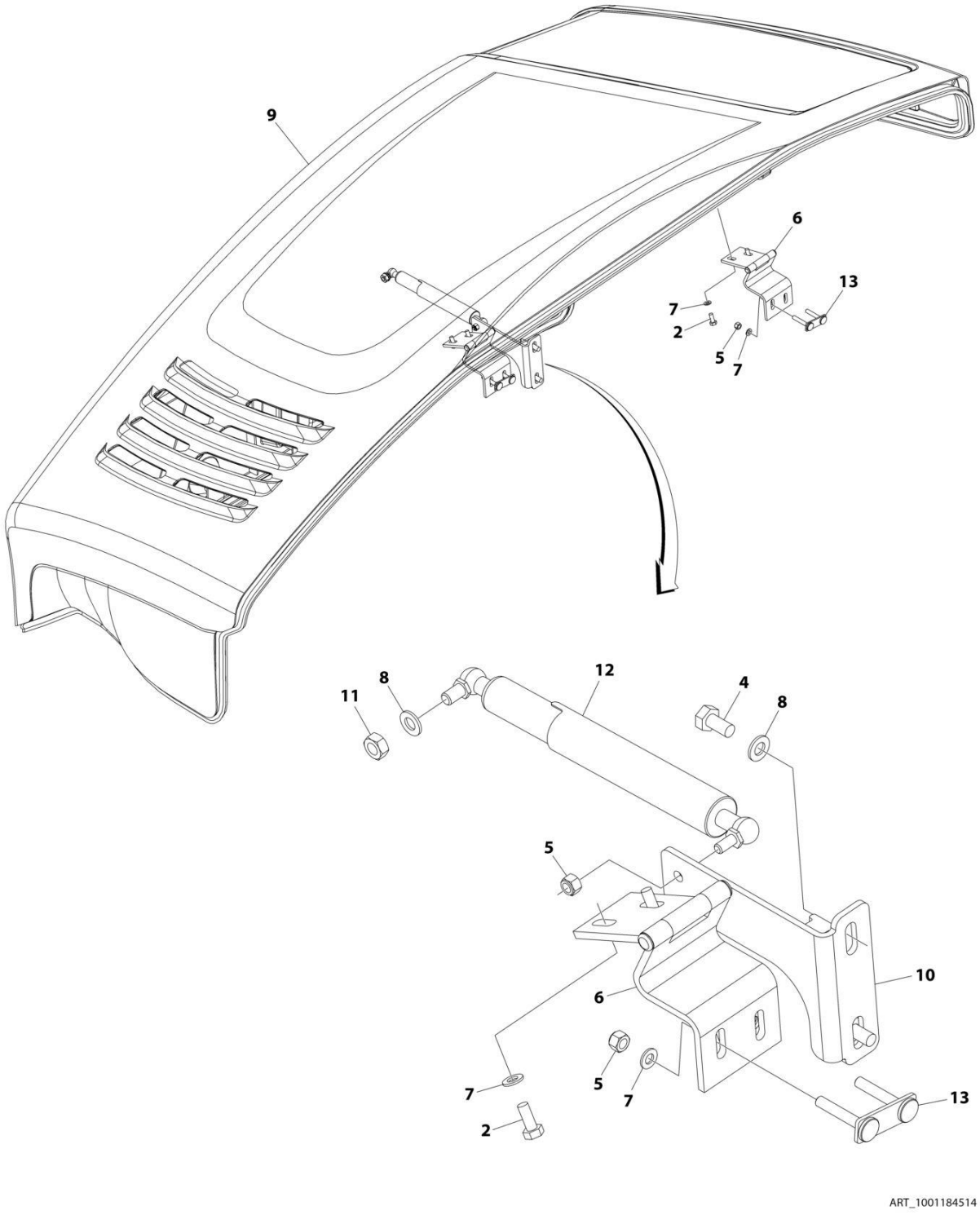


FIGURE 1-5. HOOD IONSTALLATION (W/RHOC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184514	Ref	HOOD IONSTALLATION	G
2	0760810	4	Bolt M8 x 20	
4	0761010	2	Bolt M10 x 20	
5	3290805	5	Nut M8	
6	1001205080	2	Hinge, Hood	
7	4811900	8	Washer M8	
8	4812000	3	Washer M10	
9	1001196418	1	Hood	
10	1001273847	1	Bracket	
11	3291001	1	Nut M10	
12	1001271338	1	Spring	
13	1001195587	2	Brace	

FIGURE 1-6. COVER PLATES INSTALLATION (NO OUTRIGGERS - ULS)

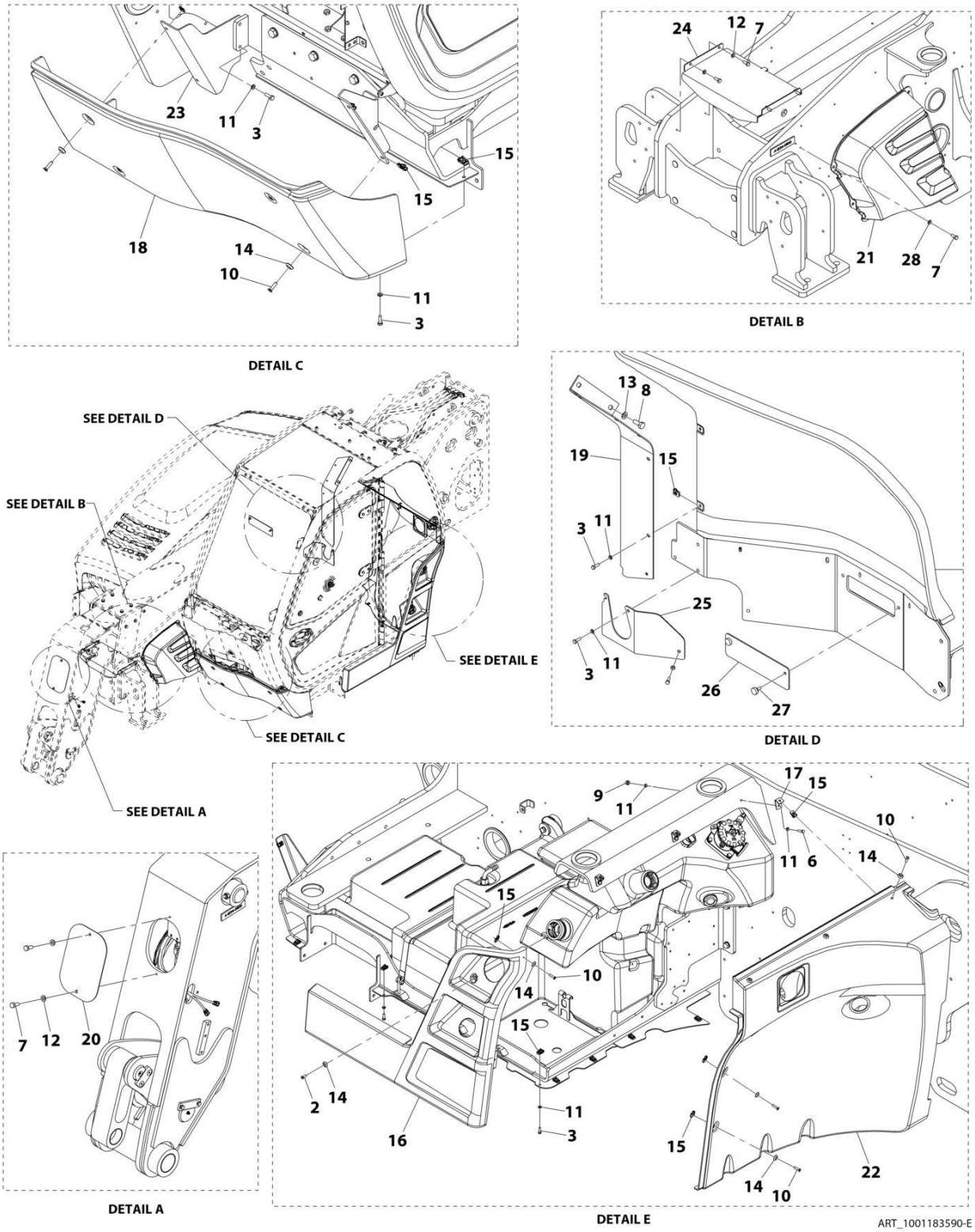


FIGURE 1-6. COVER PLATES INSTALLATION (NO OUTRIGGERS - ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183590	Ref	Cover Plates Installation (No Outriggers - ULS)	E
2	0630576	1	Screw, M6X20	
3	0700610	14	Bolt, M6X20	
6	0760612	3	Bolt, M6X25	
7	0760810	10	Bolt, M8X20	
8	0761012	2	Bolt, M10X25	
9	3290605	3	Nut, Lock M6X1 Grade 8	
10	3900379	10	Screw, M6-1X25 Grade 10.9	
11	4811700	20	Washer, M6	
12	4811900	6	Washer, M8	
13	4812000	2	Washer, M10	
14	1001097540	11	Washer, M6	
15	8305919	18	Nut, M6	
16	1001168758	1	Cover, Side Tank	
17	1001171782	3	Plate, Angle Mount	
18	1001174328	1	Cover, Lower Front	
19	1001182210	1	Plate, Enclosure Rear	
20	1001185936	1	Plate, Cover Boom Head	
21	1001187717	1	Cover, ECU	
22	1001190408	1	Cover, Rear Tank	
23	1001191808	1	Bracket, Cover	
24	1001189984J	1	Panel, Frame	
25	1001201504J	1	Panel, Cover	
26	1001216923J	1	Plate, Radiator Cover	
27	2080092	2	Screw, Thumb M6X20	
28	4811902	4	Washer, M8	

FIGURE 1-7. COVER PLATES INSTALLATION (NO OUTRIGGERS - LS)

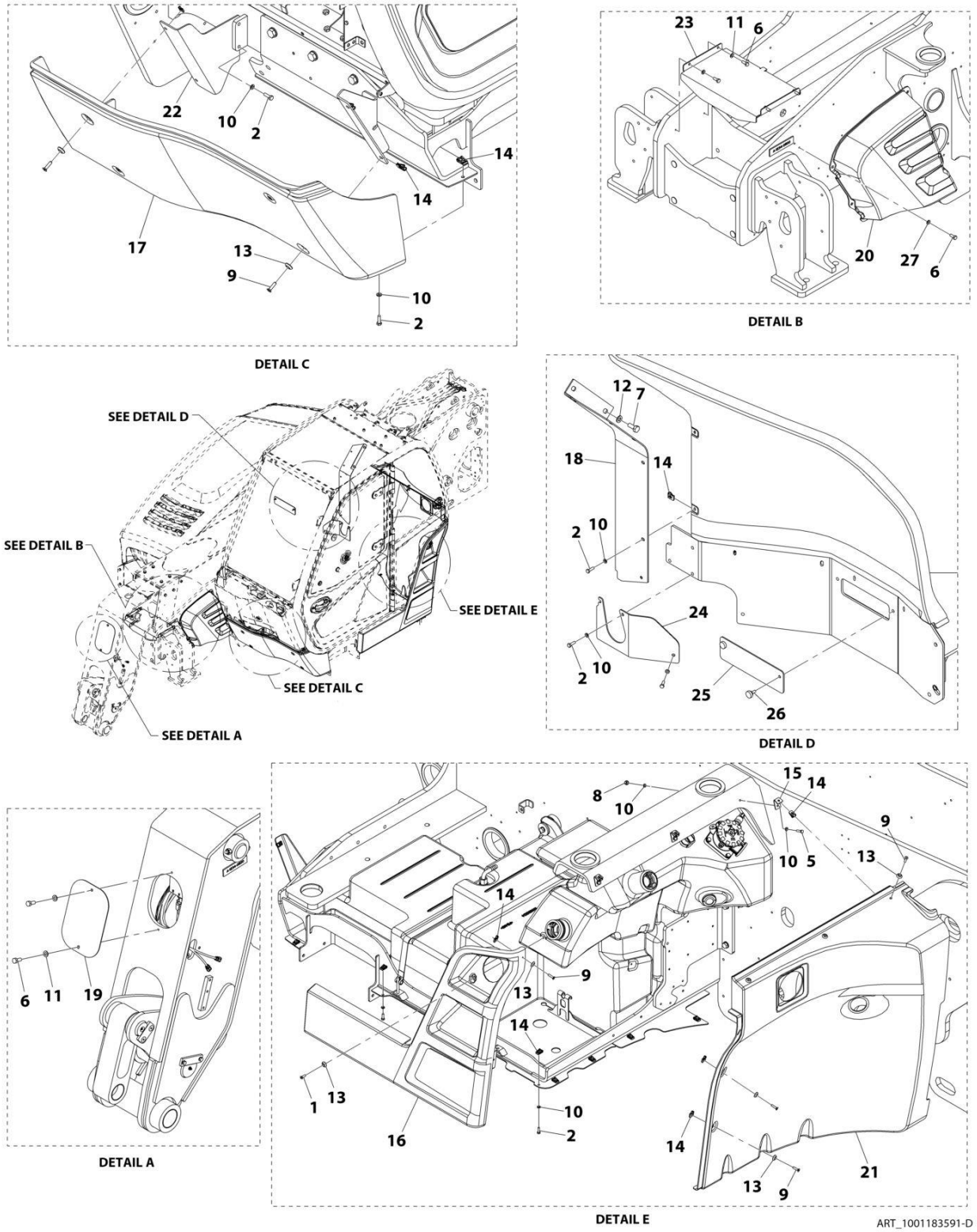


FIGURE 1-7. COVER PLATES INSTALLATION (NO OUTRIGGERS - LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183591	Ref	Cover Plates Installation (No Outriggers - LS)	D
1	0630576	1	Screw, M6X20	
2	0700610	14	Bolt, M6X20	
5	0760612	3	Bolt, M6X25	
6	0760810	10	Bolt, M8X20	
7	0761012	2	Bolt, M10X25	
8	3290605	3	Nut, Lock M6X1 Grade 8	
9	3900379	10	Screw, M6-1X25 Grade 10.9	
10	4811700	20	Washer, M6	
11	4811900	6	Washer, M8	
12	4812000	2	Washer, M10	
13	1001097540	11	Washer, M6	
14	8305919	18	Nut, M6	
15	1001171782	3	Plate, Angle Mount	
16	1001172829	1	Cover, Side Tank	
17	1001174328	1	Cover, Lower Front	
18	1001182210	1	Plate, Enclosure Rear	
19	1001185936	1	Plate, Cover Boom Head	
20	1001187717	1	Cover, ECU	
21	1001190408	1	Cover, Rear Tank	
22	1001191808	1	Bracket, Cover	
23	1001189984J	1	Panel, Frame	
24	1001201504J	1	Panel, Cover	
25	1001216923J	1	Plate, Radiator Cover	
26	2080092	2	Screw, Thumb M6X20	
27	4811902	4	Washer, M8	

FIGURE 1-8. COVER PLATE INSTALLATION (NO TRAILER BRAKES)

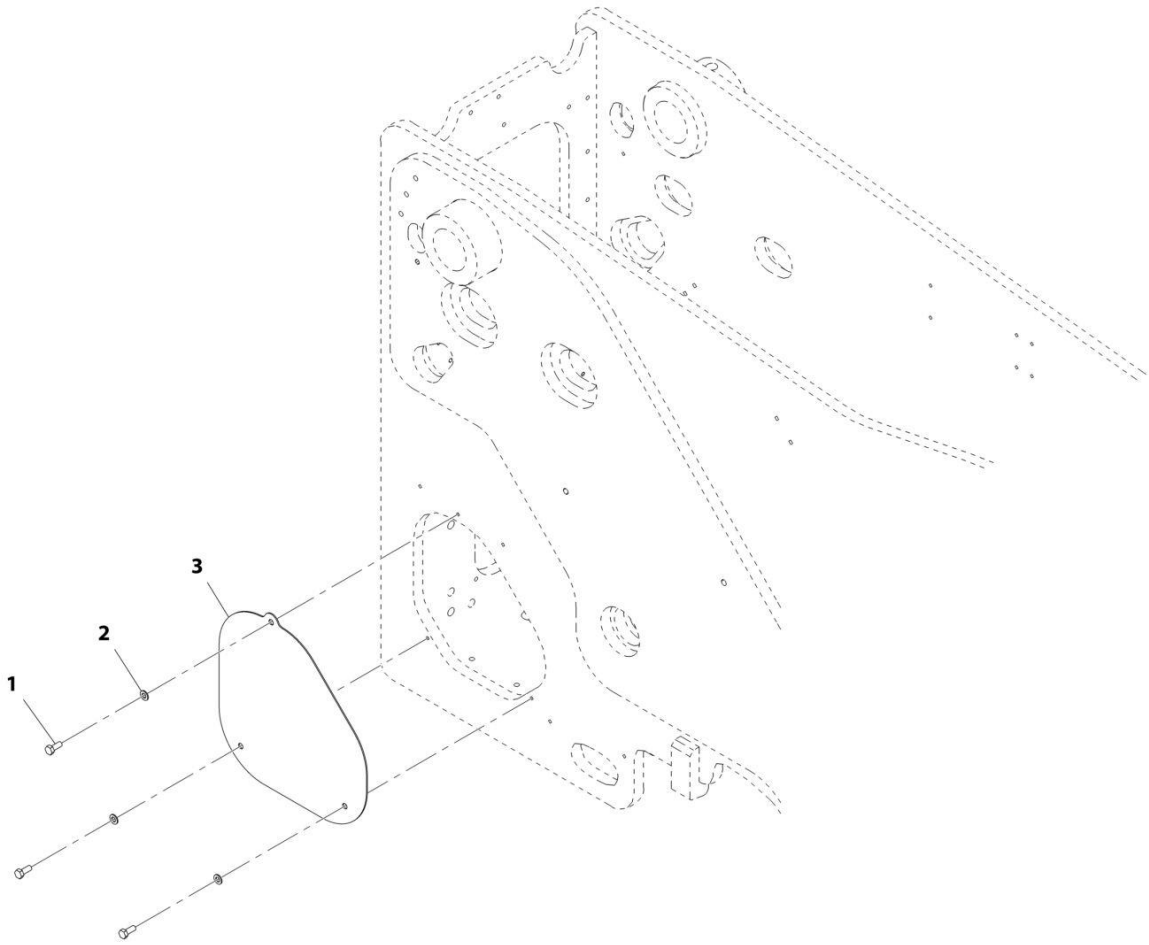
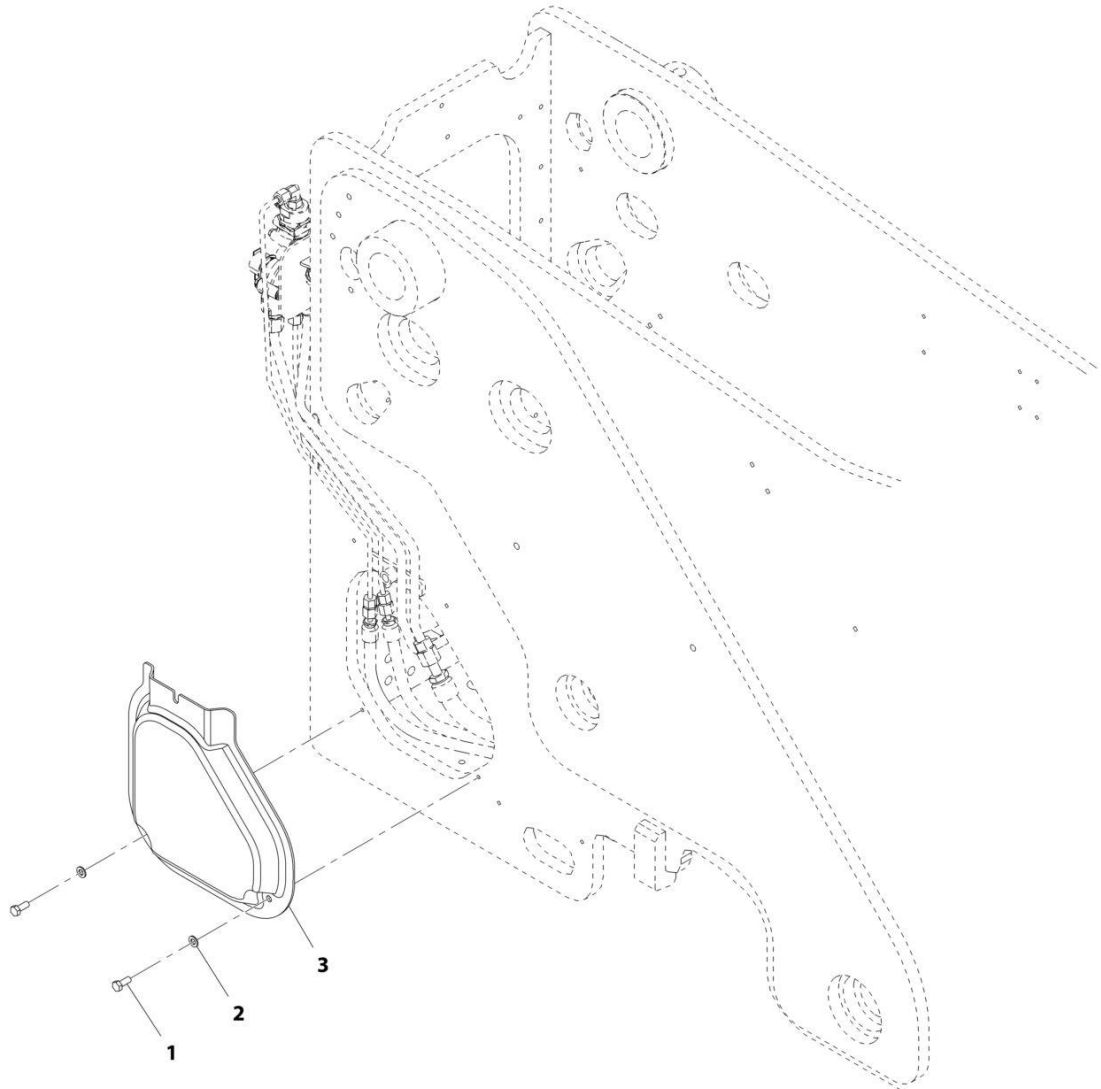


FIGURE 1-8. COVER PLATE INSTALLATION (NO TRAILER BRAKES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203386	Ref	Cover Plate Installation (No Trailer Brakes)	A
1	0760810	3	Bolt, M8X20	
2	4811900	3	Washer, M8	
3	1001180574J	1	Plate, Cover	

FIGURE 1-9. COVER PLATE INSTALLATION (TRAILER BRAKES)



ART_1001203406-A

FIGURE 1-9. COVER PLATE INSTALLATION (TRAILER BRAKES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203406	Ref	Cover Plate Installation (Trailer Brakes)	A
1	0760810	2	Bolt, M8X20	
2	4811900	2	Washer, M8	
3	1001203410	1	Cover, Frame	

FIGURE 1-10. COVER PLATE INSTALLATION (NO REAR AUX)

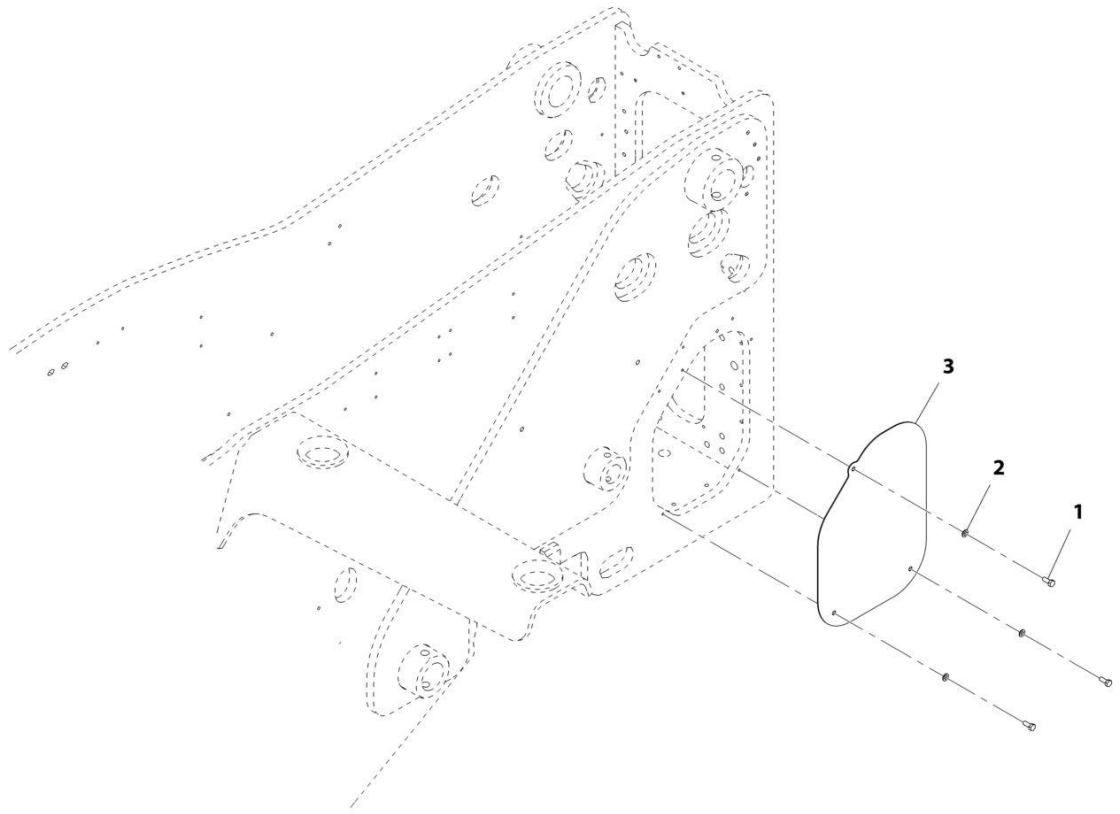


FIGURE 1-10. COVER PLATE INSTALLATION (NO REAR AUX)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203374	Ref	Cover Plate Installation (No Rear Aux)	A
1	0760810	3	Bolt, M8X20	
2	4811900	3	Washer, M8	
3	1001183908J	1	Plate, Cover	

FIGURE 1-11. COVER PLATE INSTALLATION (REAR AUX)

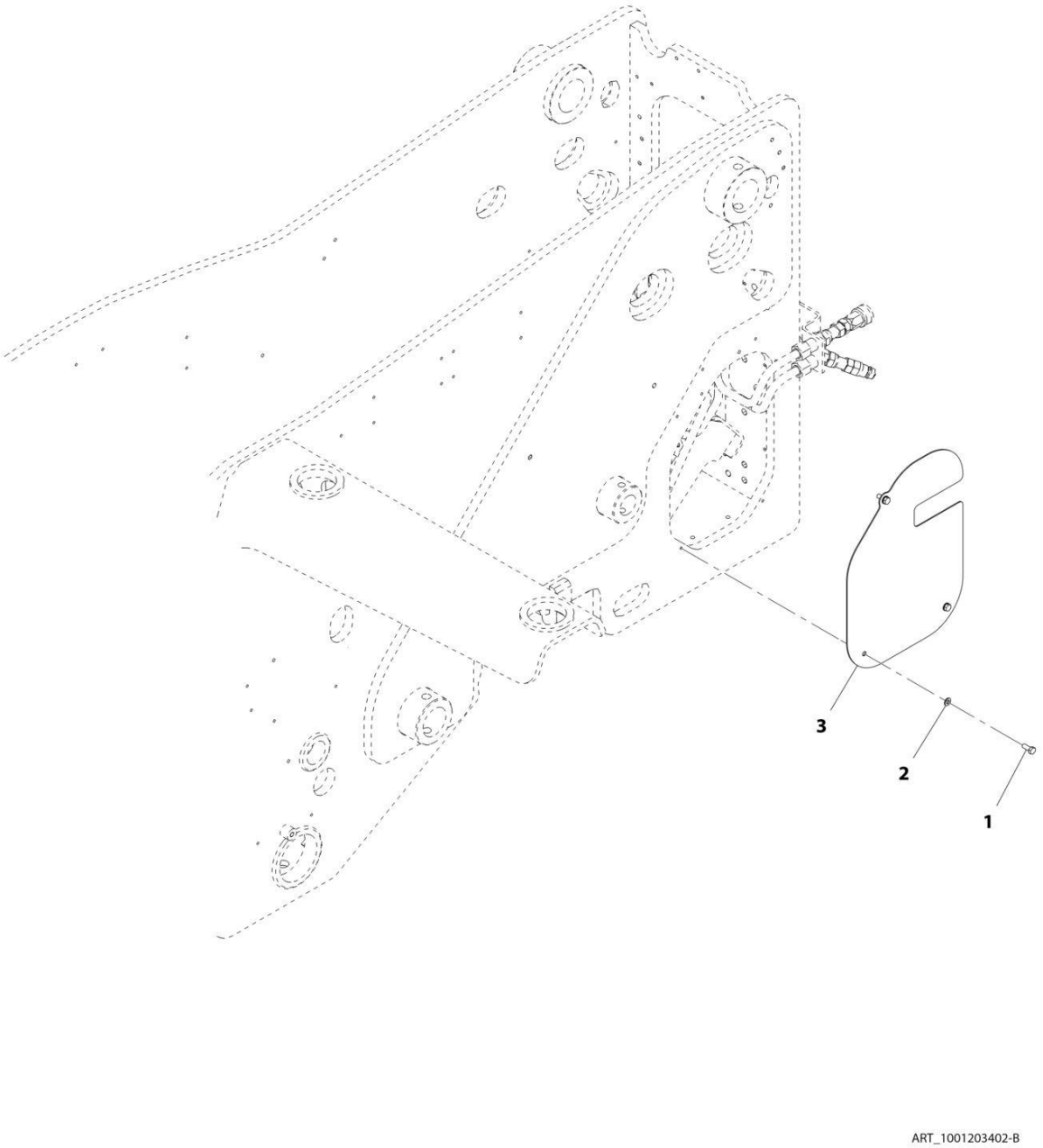
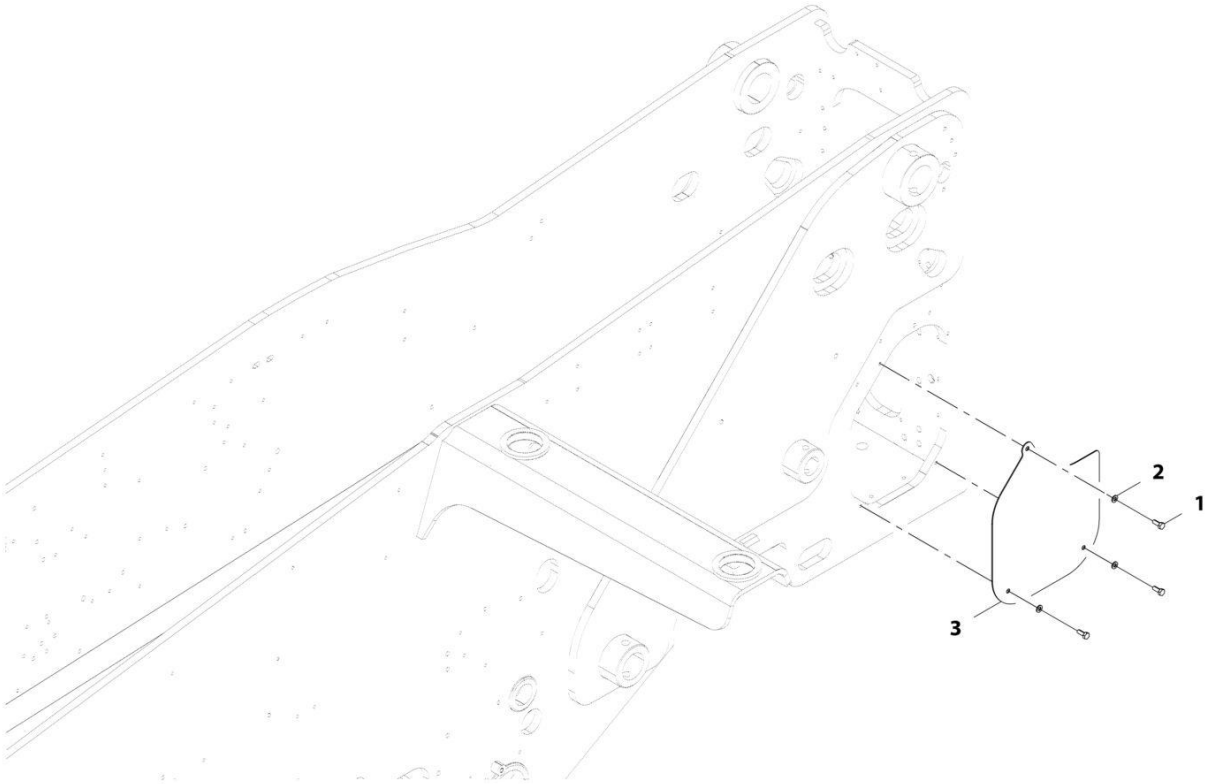


FIGURE 1-11. COVER PLATE INSTALLATION (REAR AUX)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203402	Ref	Cover Plate Installation (Rear Aux)	B
1	0760810	3	Bolt, M8X20	
2	4811900	3	Washer, M8	
3	1001203408J	1	Plate, Cover	

FIGURE 1-12. COVER PLATE INSTALLATION (HYDRAULIC HITCH AND REAR AUX)

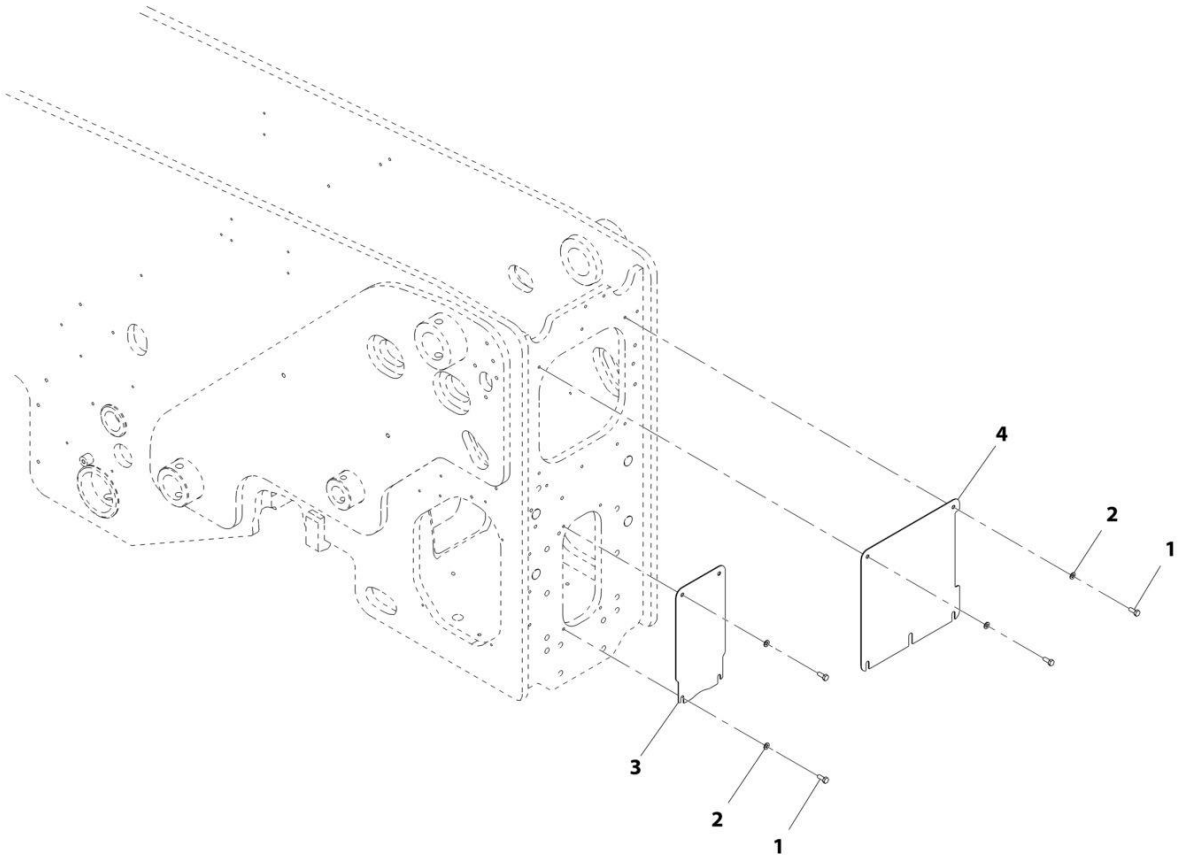


ART_1001214492-A

FIGURE 1-12. COVER PLATE INSTALLATION (HYDRAULIC HITCH AND REAR AUX)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214492	Ref	Cover Plate Installation (Hydraulic Hitch and Rear Aux)	A
1	0760810	3	Bolt, M8X20	
2	4811900	3	Washer, M8	
3	1001214036J	1	Plate	

FIGURE 1-13. REAR COVER PLATE INSTALLATION (NO HYDRAULIC HITCH)



ART_1001203291-B

FIGURE 1-13. REAR COVER PLATE INSTALLATION (NO HYDRAULIC HITCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203291	Ref	Rear Cover Plate Installation (No Hydraulic Hitch)	B
1	0760810	8	Bolt, M8X20	
2	4811900	8	Washer, M8	
3	1001183909J	1	Plate, Cover	
4	1001183910J	1	Plate, Cover	

FIGURE 1-14. TANKS INSTALLATION

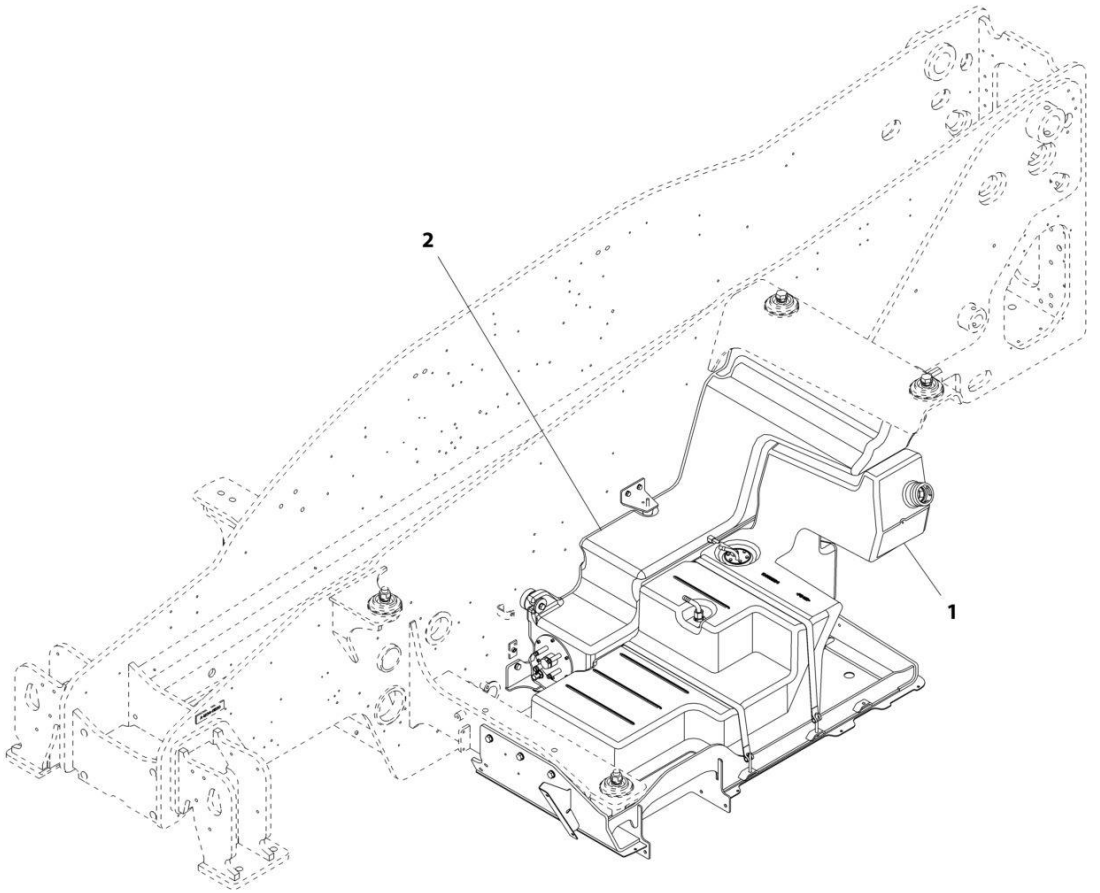
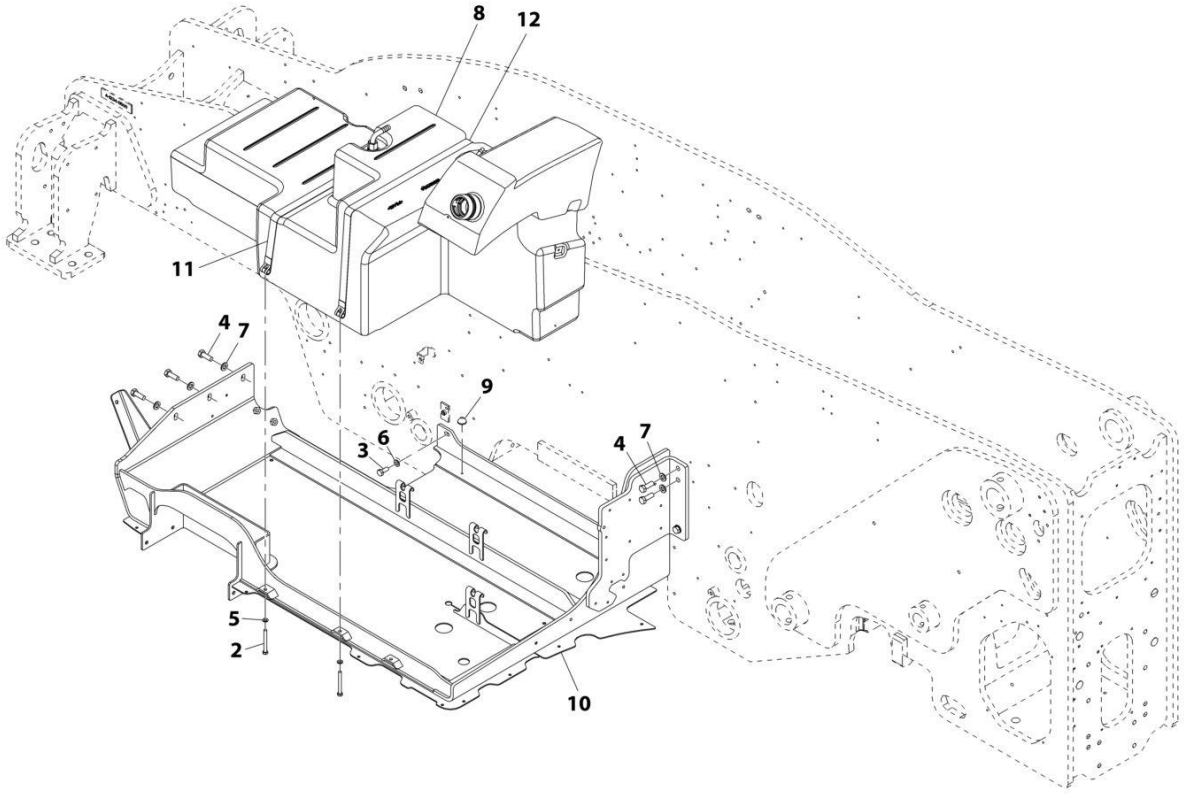


FIGURE 1-14. TANKS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176964	Ref	Tanks Installation	B
1	1001176965	Ref	Installation, Fuel Tank (See Separate Breakdown in this Section)	
2	1001176966	Ref	Installation, Hydraulic Tank (See Separate Breakdown in this Section)	

FIGURE 1-15. FUEL TANK INSTALLATION



ART_1001176965-D

FIGURE 1-15. FUEL TANK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176965	Ref	Fuel Tank Installation	D
2	0760823	2	Bolt, M8X75	
3	0761012	1	Bolt, M10X25	
4	0761215	6	Bolt, M12X35	
5	4811900	2	Washer, M8	
6	4812000	1	Washer, M10	
7	4812100	6	Washer, M12	
8	1001192125	1	Assembly, Fuel Tank (See Separate Breakdown in this Section)	
9	1001169454	4	Mount	
10	1001197360	1	Support, Plate	
11	1001178474	1	Strap, Tank	
12	1001178693	1	Strap, Tank	

FIGURE 1-16. FUEL TANK ASSEMBLY

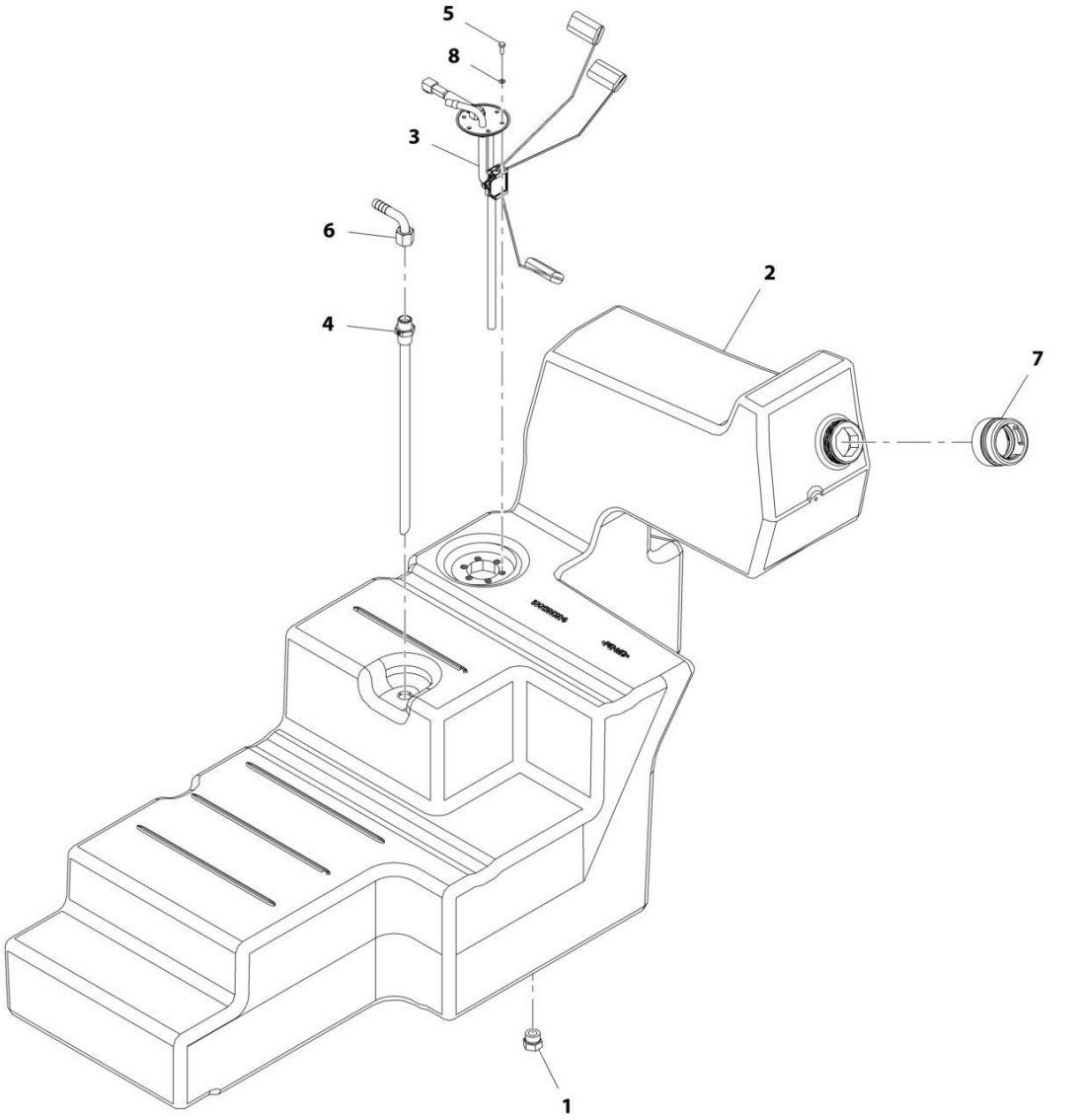
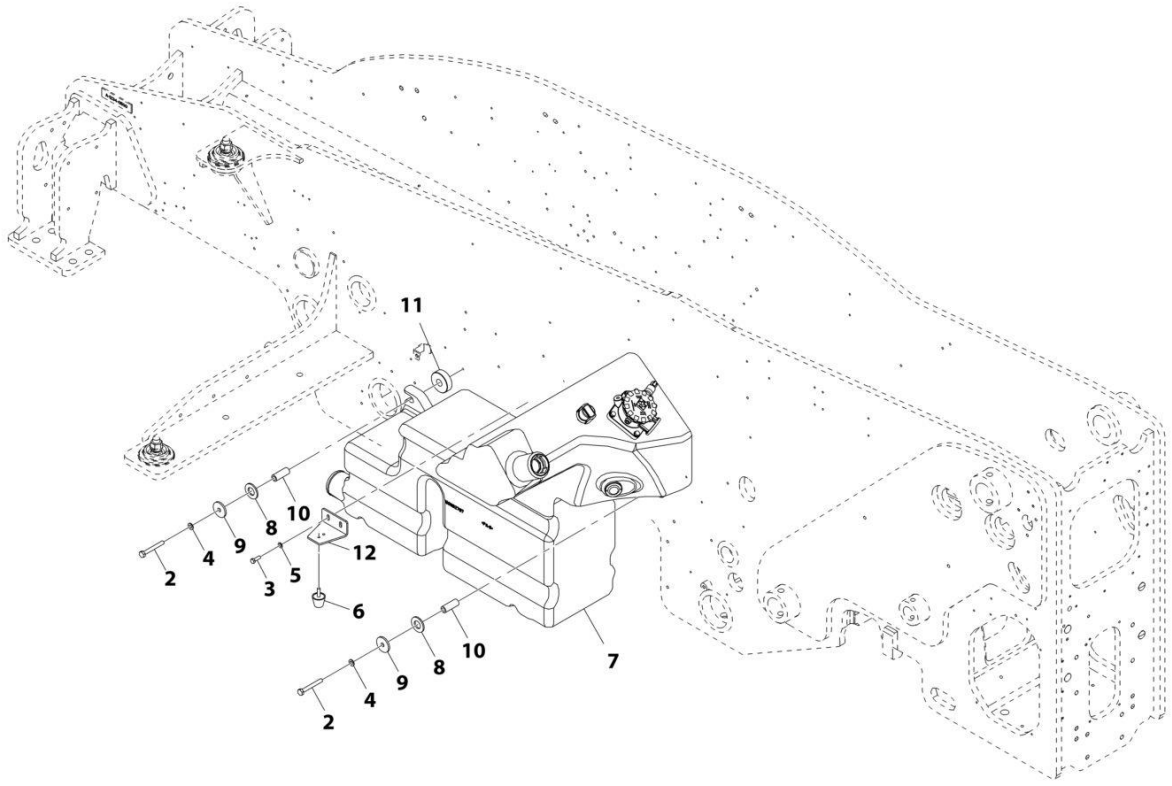


FIGURE 1-16. FUEL TANK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192125	Ref	FUEL TANK ASSEMBLY	C
1	1001003427	1	Plug	
2	1001192124	1	Tank, Fuel	
3	1001222188	1	Pump, Fuel	
4	1001170106	1	Pipe, Fuel Supply	
5	4031607	6	Bolt, M5X16	
6	1001172693	1	Fitting, 90	
7	1001192392	1	Adapter	
8	1001222190	6	Washer	

FIGURE 1-17. HYDRAULIC TANK INSTALLATION



ART_1001176966-C

FIGURE 1-17. HYDRAULIC TANK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176966	Ref	Hydraulic Tank Installation	C
2	0701024	2	Bolt, M10X80	
3	0760812	2	Bolt, M8X25	
4	4812000	2	Washer, M10	
5	4811900	2	Washer, M8	
6	1001008575	1	Bumper	
7	1001191521	1	Assembly, Hydraulic Tank (See Separate Breakdown in this Section)	
8	1001172146	2	Washer	
9	1001172147	2	Washer, M10	
10	1001177060	2	Sleeve, Spacer	
11	1001177062	2	Washer	
12	1001177082	1	Bracket, Frame	

FIGURE 1-18. HYDRAULIC TANK ASSEMBLY

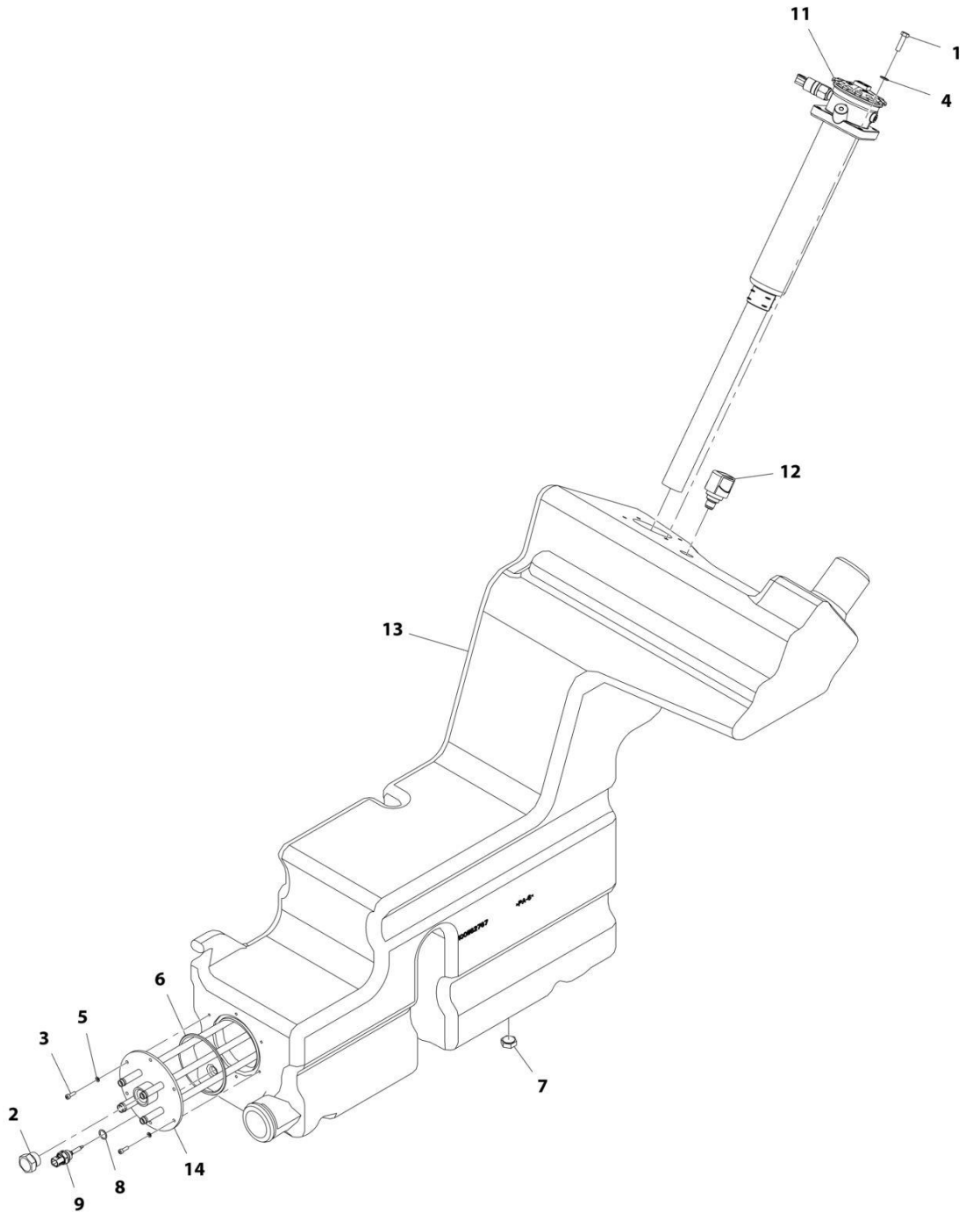


FIGURE 1-18. HYDRAULIC TANK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191521	Ref	HYDRAULIC TANK ASSEMBLY	D
1	0700814	4	Bolt M8 x 30	
2	2220240	1	Plug	
3	4031607	6	Screw M5 x 16	
4	4811900	4	Washer M8	
5	4831600	6	Washer, Lock M5	
6	1001003301	1	O-Ring	
7	2220239	1	Plug	
8	1001009163	1	O-Ring	
9	1001128478	1	Sensor, Hydraulic Oil Temperature	
11	1001162659	1	Filter, Hydraulic	
12	1001162662	1	Filter, Breather	
13	1001162767	1	Tank, Hydraulic	
14	1001191533	1	Manifold, Hydraulic Return	

FIGURE 1-19. FUEL AND HYDRAULIC CAP INSTALLATION

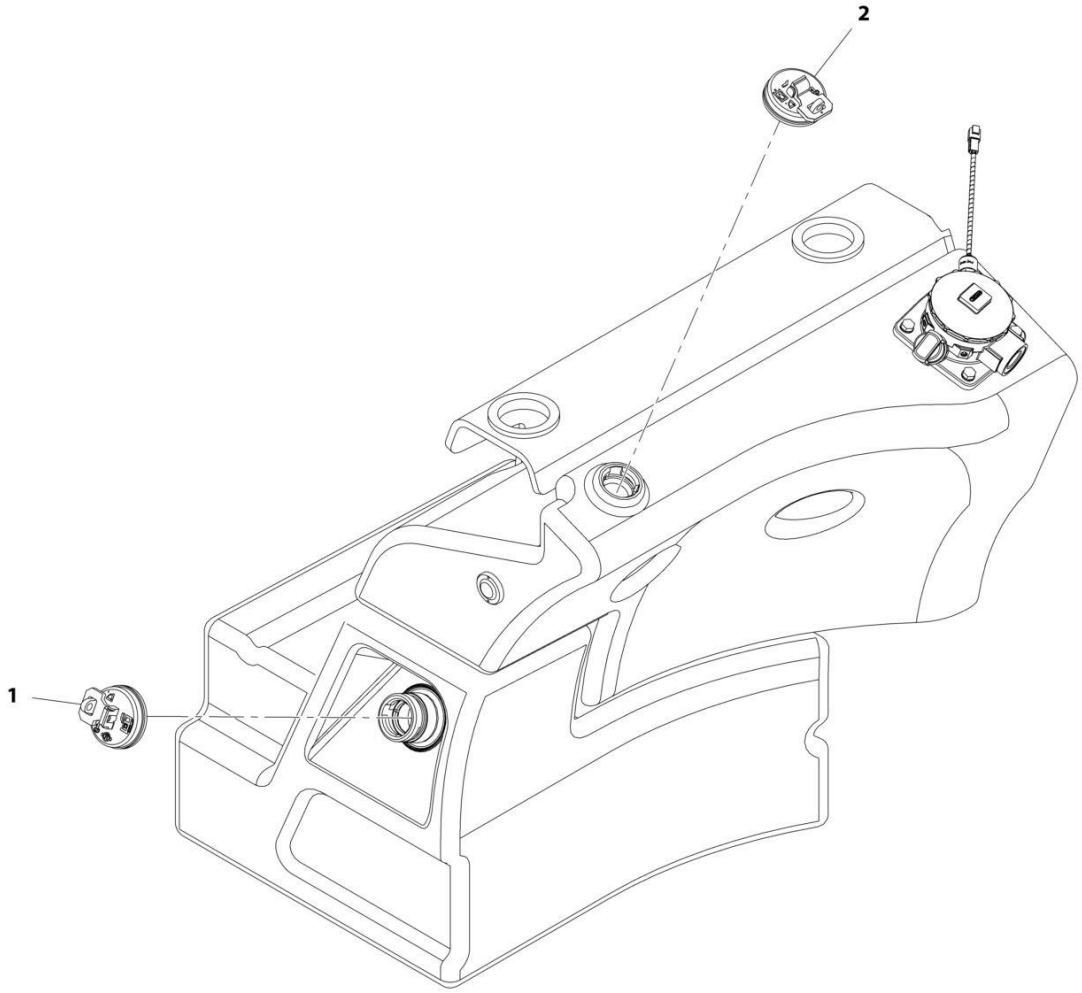


FIGURE 1-19. FUEL AND HYDRAULIC CAP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197275	Ref	Fuel and Hydraulic Cap Installation	A
1	1001142658	1	Cap, Fuel	
2	1001142659	1	Cap, Hydraulic	

FIGURE 1-20. HITCH RETRIEVAL INSTALLATION

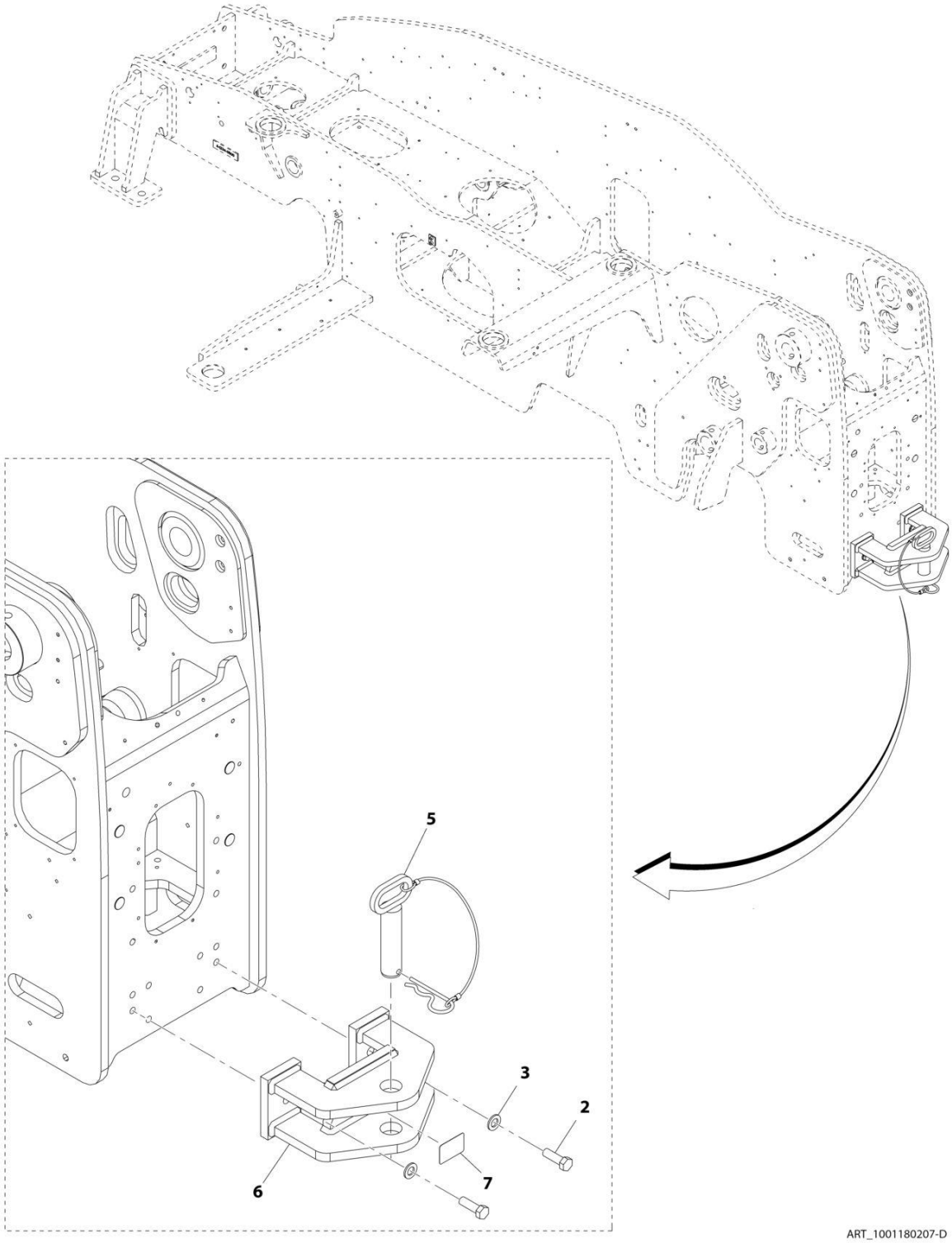


FIGURE 1-20. HITCH RETRIEVAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180207	Ref	Hitch Retrieval Installation	D
2	0771618	2	Bolt, M16X50 Grade 10.9	
3	5241600	2	Washer, M16	
6	1001106570	NLA	Hitch, Retrieval (no longer available, use 1001238460 for replacement)	
6	1001238460	1	Hitch, Retrieval	
7	1001241674	1	Decal, Retrieval Point	

FIGURE 1-21. HITCH INSTALLATION (EEC AUTO)

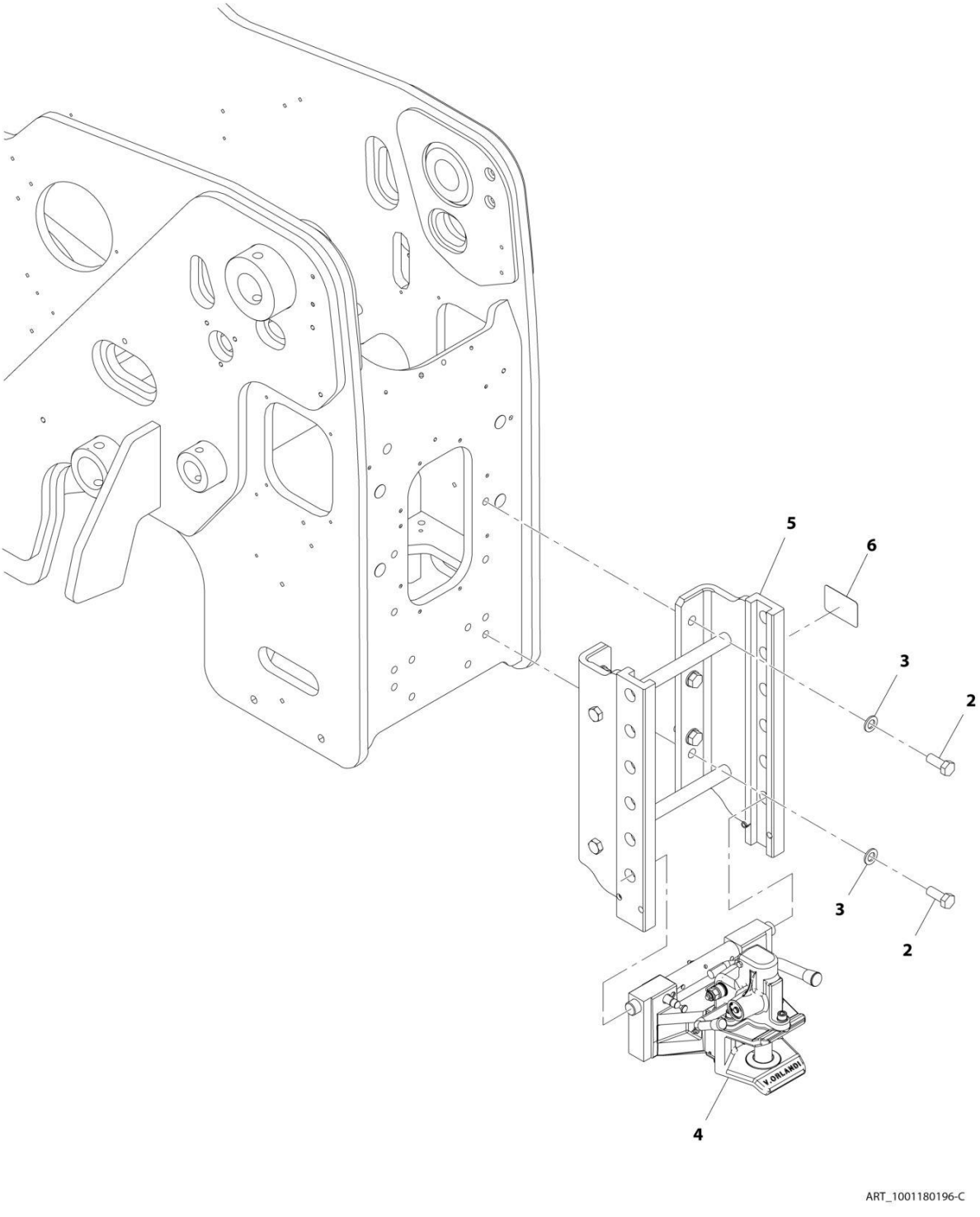


FIGURE 1-21. HITCH INSTALLATION (EEC AUTO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180196	Ref	Hitch Installation (EEC Auto)	C
2	0701616	8	Bolt, M16X40	
3	4812300	8	Washer, M6	
4	1001098629	1	Assembly, Hitch (EEC Auto) (See Separate Breakdown in this Section)	
5	1001183274	1	Hitch, Sliding Towing Bracket	
6	1001241674	1	Decal, Retrieval Point	

FIGURE 1-22. HITCH INSTALLATION (PITON)

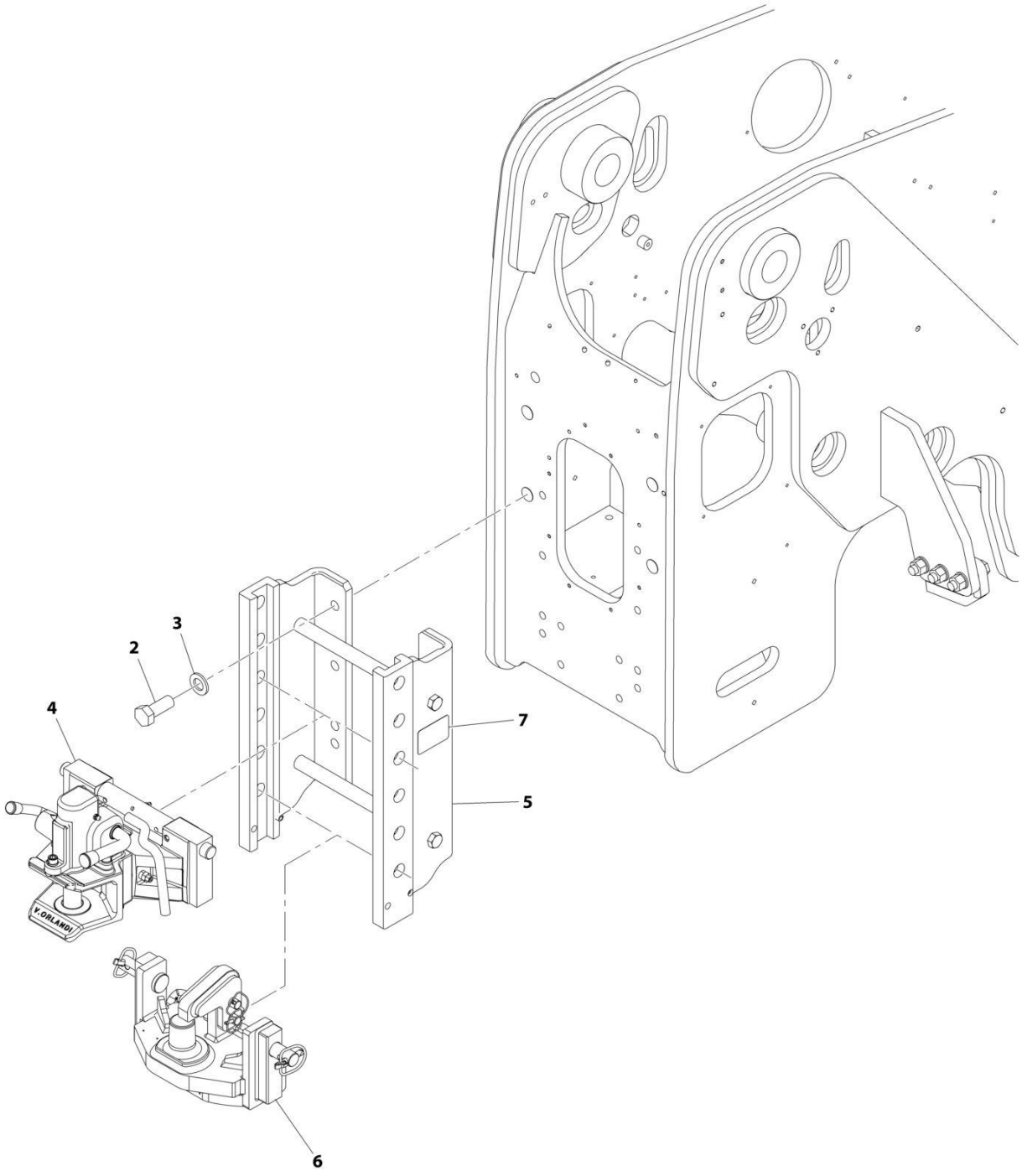


FIGURE 1-22. HITCH INSTALLATION (PITON)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180202	Ref	Hitch Installation (Piton)	C
2	0701616	8	Bolt, M16X40	
3	4812300	8	Washer, M16	
4	1001098629	1	Assembly, Hitch (EEC AUTO) (See Separate Breakdown in this Section)	
5	1001183274	1	Hitch, Sliding Towing Bracket	
6	1001185248	1	Hitch, Sliding (Piton) (See Separate Breakdown in this Section)	
7	1001241674	1	Decal, Retrieval Point	

FIGURE 1-23. HITCH ASSEMBLY (EEC AUTO)

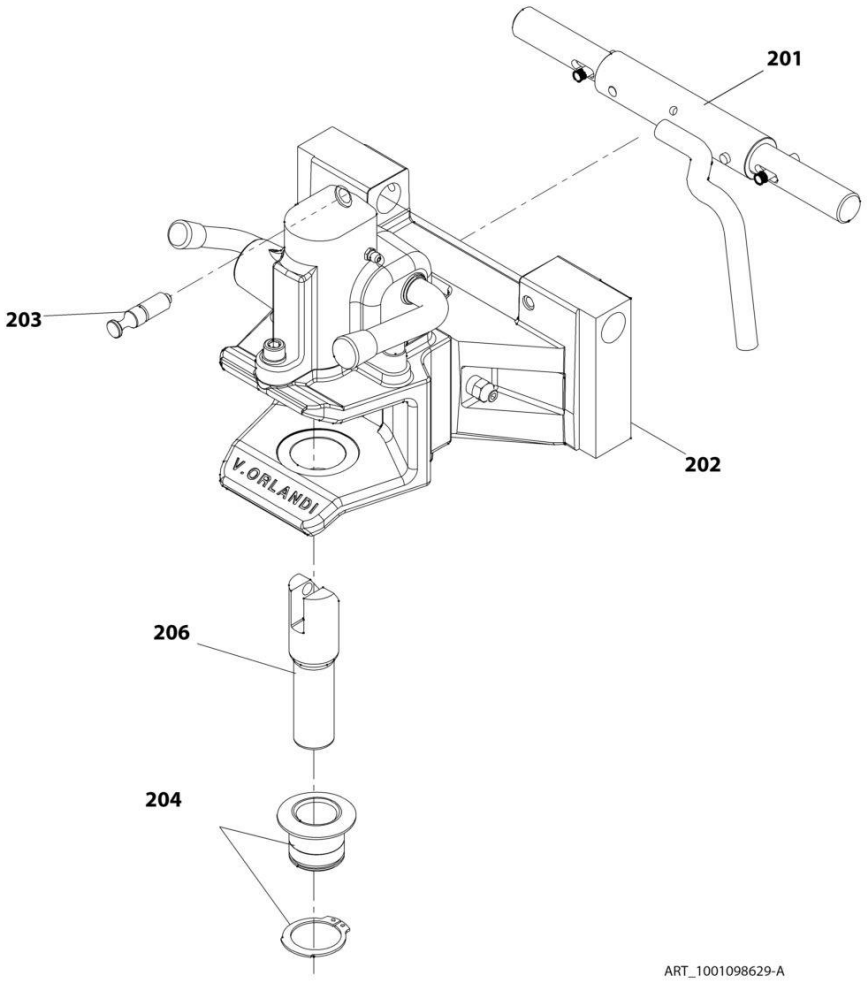


FIGURE 1-23. HITCH ASSEMBLY (EEC AUTO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001098629	Ref	Hitch Assembly (EEC Auto)	A
201	70022821	1	Lever, Opening	
202	70022822	1	Mechanism, Box	
203	70022823	1	Pivot, Security	
204	70022824	1	Bushing	
206	70022825	1	Pin	

FIGURE 1-24. SLIDING HITCH ASSEMBLY (PITON)

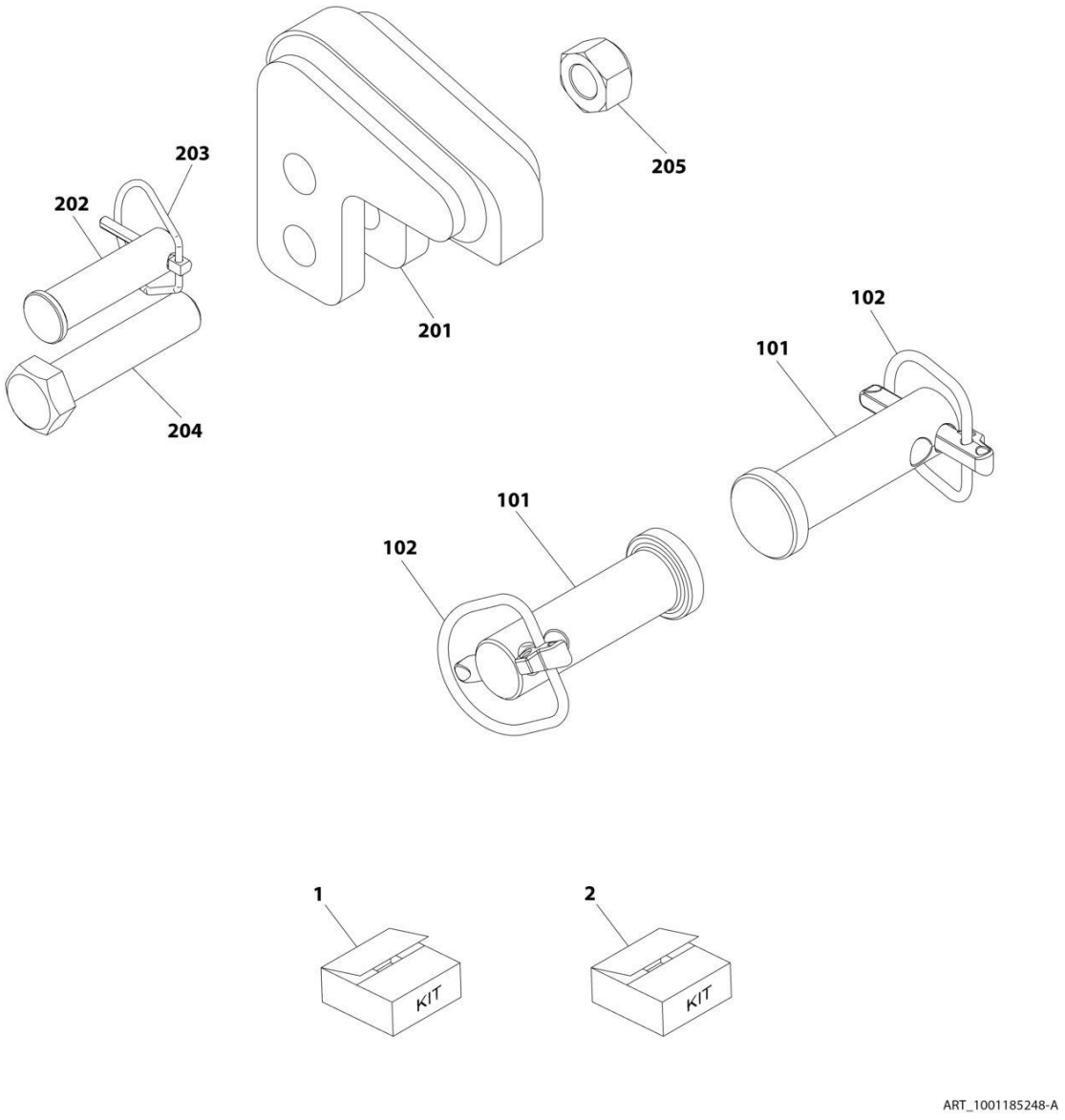


FIGURE 1-24. SLIDING HITCH ASSEMBLY (PITON)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185248	Ref	Sliding Hitch Assembly (Piton)	A
1	70027175	1	Kit, Pins (includes items 101 and 102)	
2	70027174	1	Kit, Keeper (includes items 201 thru 205)	
101	Kit	2	Pin	
102	Kit	2	Pin, Safety	
201	Kit	1	Keeper	
202	Kit	1	Pin	
203	Kit	1	Pin, Safety	
204	Kit	1	Bolt, M20X95	
205	Kit	1	Nut	

FIGURE 1-25. HITCH INSTALLATION (EEC MANUAL)

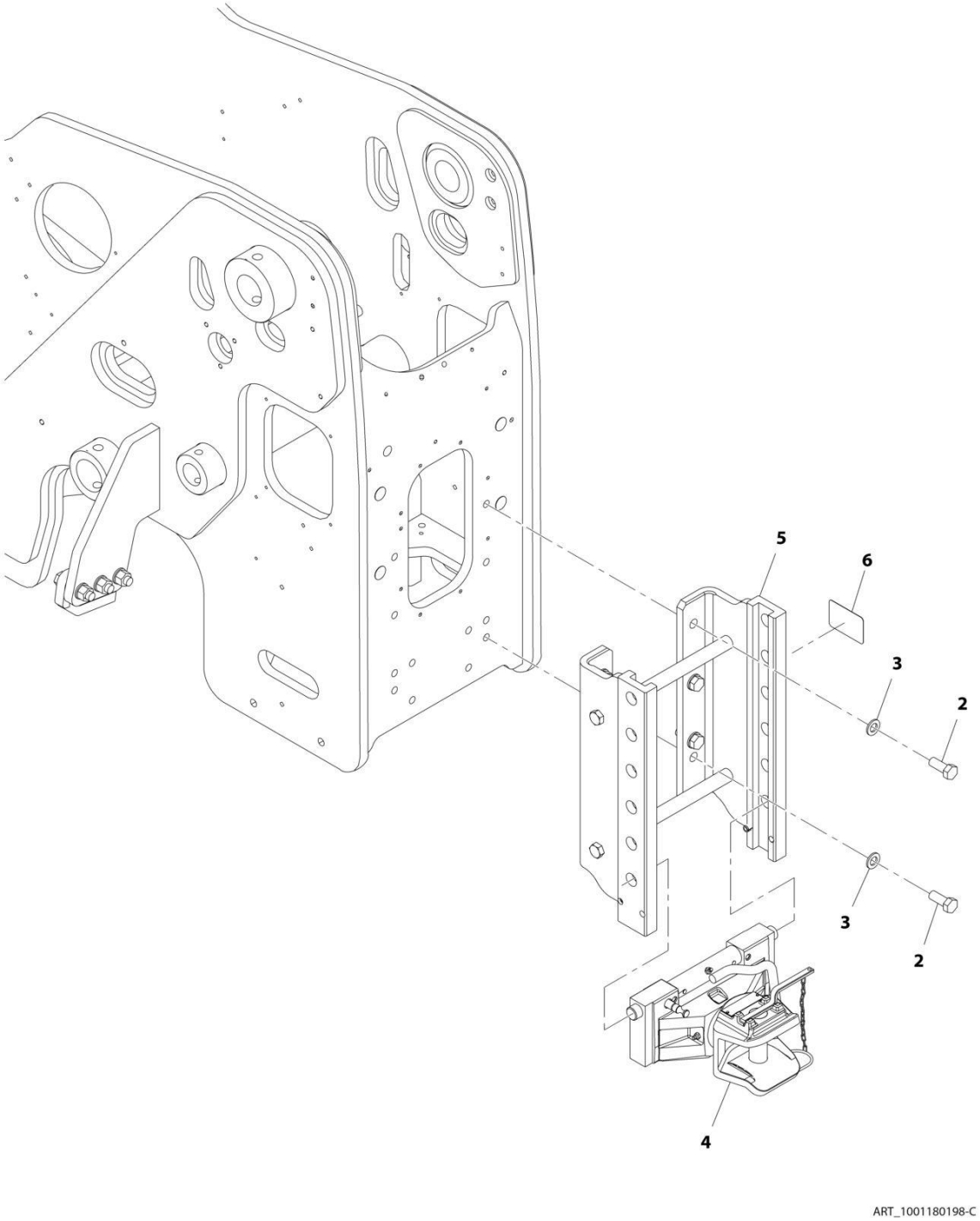


FIGURE 1-25. HITCH INSTALLATION (EEC MANUAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180198	Ref	Hitch Installation (EEC Manual)	C
2	0701616	8	Bolt, M16X40	
3	4812300	8	Washer, M16	
4	1001098630	1	Assembly, Hitch (EEC Manual) (See Separate Breakdown in this Section)	
5	1001183274	1	Hitch, Sliding Towing Bracket	
6	1001241674	1	Decal, Retrieval Point	

FIGURE 1-26. HITCH ASSEMBLY (EEC MANUAL)

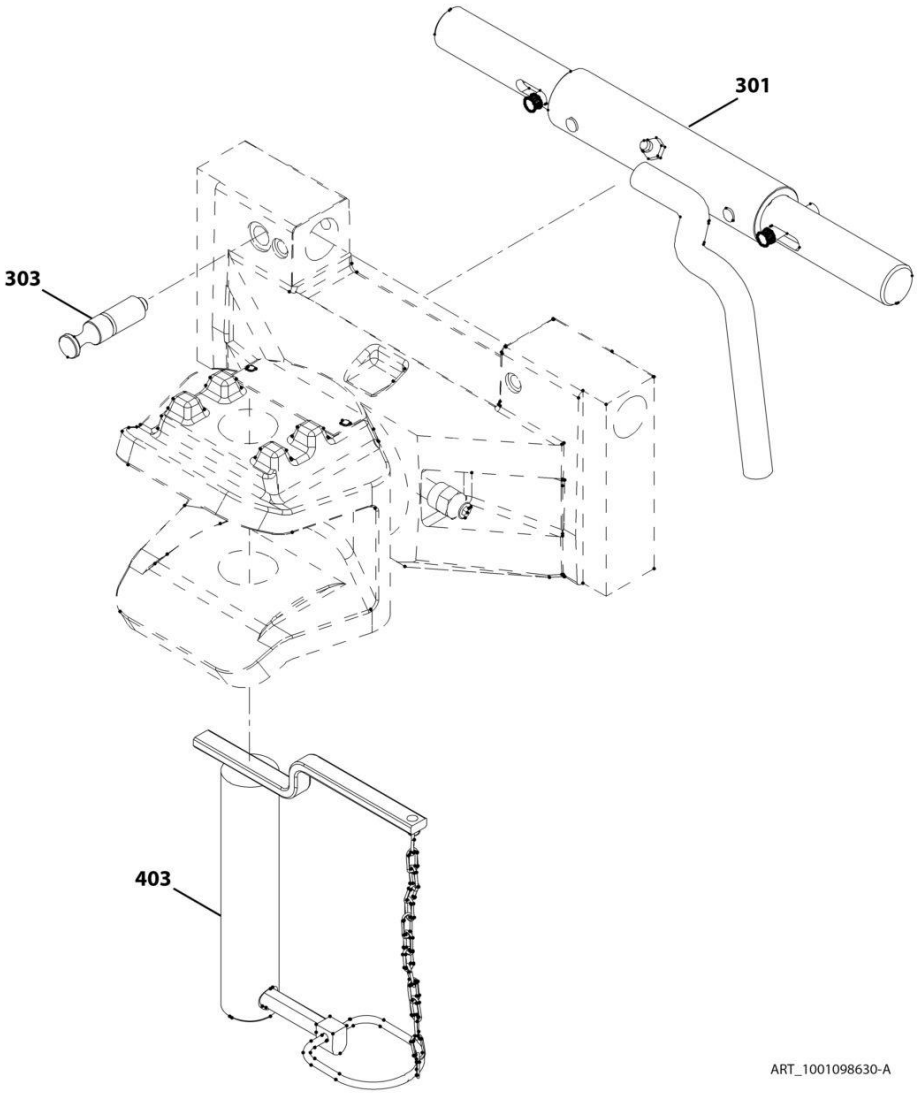


FIGURE 1-26. HITCH ASSEMBLY (EEC MANUAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001098630	Ref	Hitch Assembly (EEC Manual)	A
301	70022821	1	Lever, Opening	
303	70022823	1	Pivot, Security	
403	70022826	1	Pin	

FIGURE 1-27. HITCH INSTALLATION (FIXED)

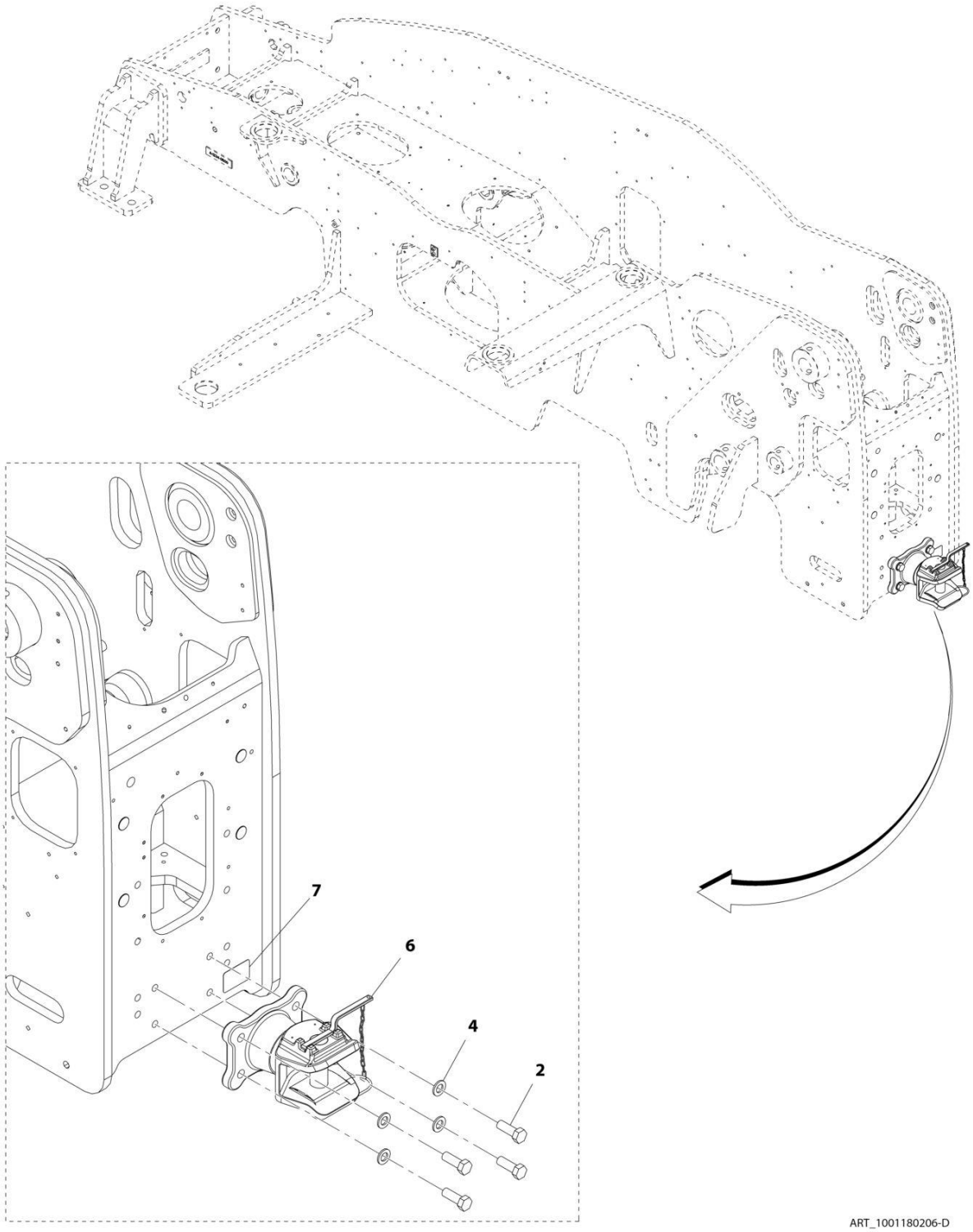


FIGURE 1-27. HITCH INSTALLATION (FIXED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180206	Ref	Hitch Installation (Fixed)	D
2	0701617	4	Bolt, M16X45	
4	4812300	4	Washer, M16	
6	1001110849	1	Assembly, Hitch (Fixed) (See Separate Breakdown in this Section)	
7	1001241674	1	Decal, Retrieval Point	

FIGURE 1-28. HITCH ASSEMBLY (FIXED)

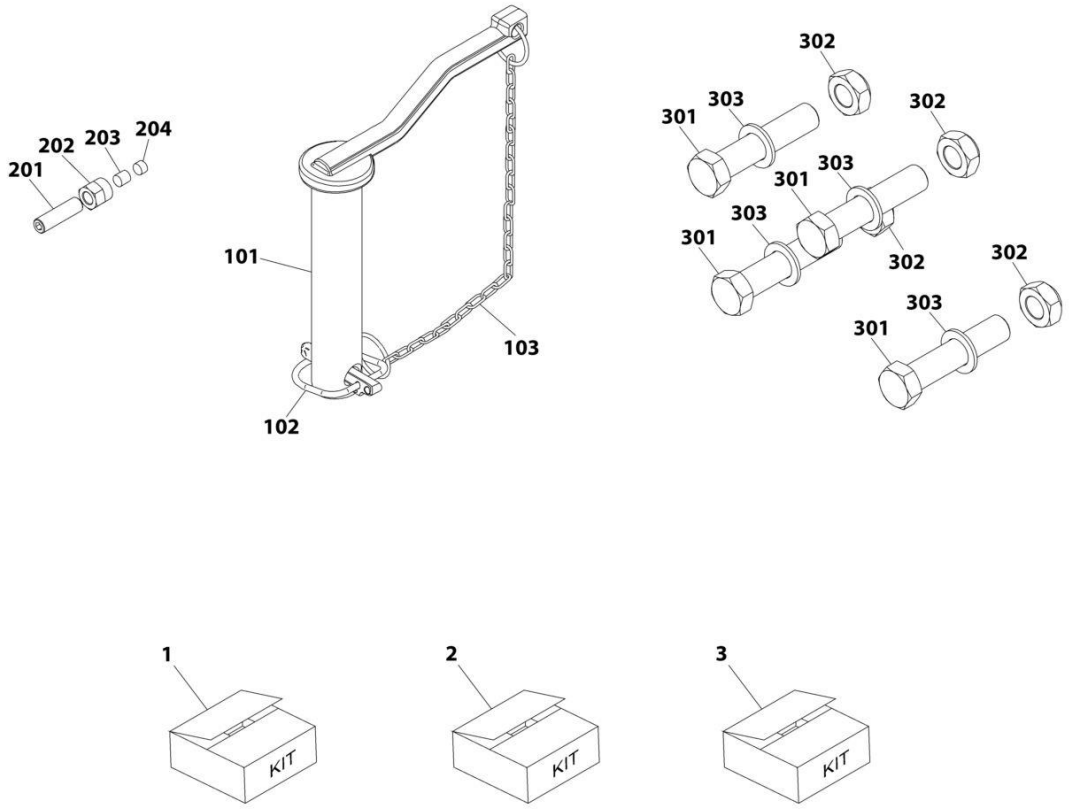


FIGURE 1-28. HITCH ASSEMBLY (FIXED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001110849	Ref	Hitch Assembly (Fixed)	B
1	70027178	1	Kit, Towing Pin (includes items 101 thru 103)	
2	70027176	1	Kit, Friction (includes items 201 thru 204)	
3	70027177	1	Kit, Screws (includes items 301 thru 303)	
101	Kit	1	Pin	
102	Kit	1	Chain, Safety	
103	Kit	1	Pin, Safety	
201	Kit	1	Screw, M16X80	
202	Kit	1	Nut, M10	
203	Kit	1	Insert	
204	Kit	1	Insert	
301	Kit	4	Screw, M16X80	
302	Kit	4	Nut, M16	
303	Kit	4	Washer	

FIGURE 1-29. HITCH INSTALLATION (HYDRAULIC)

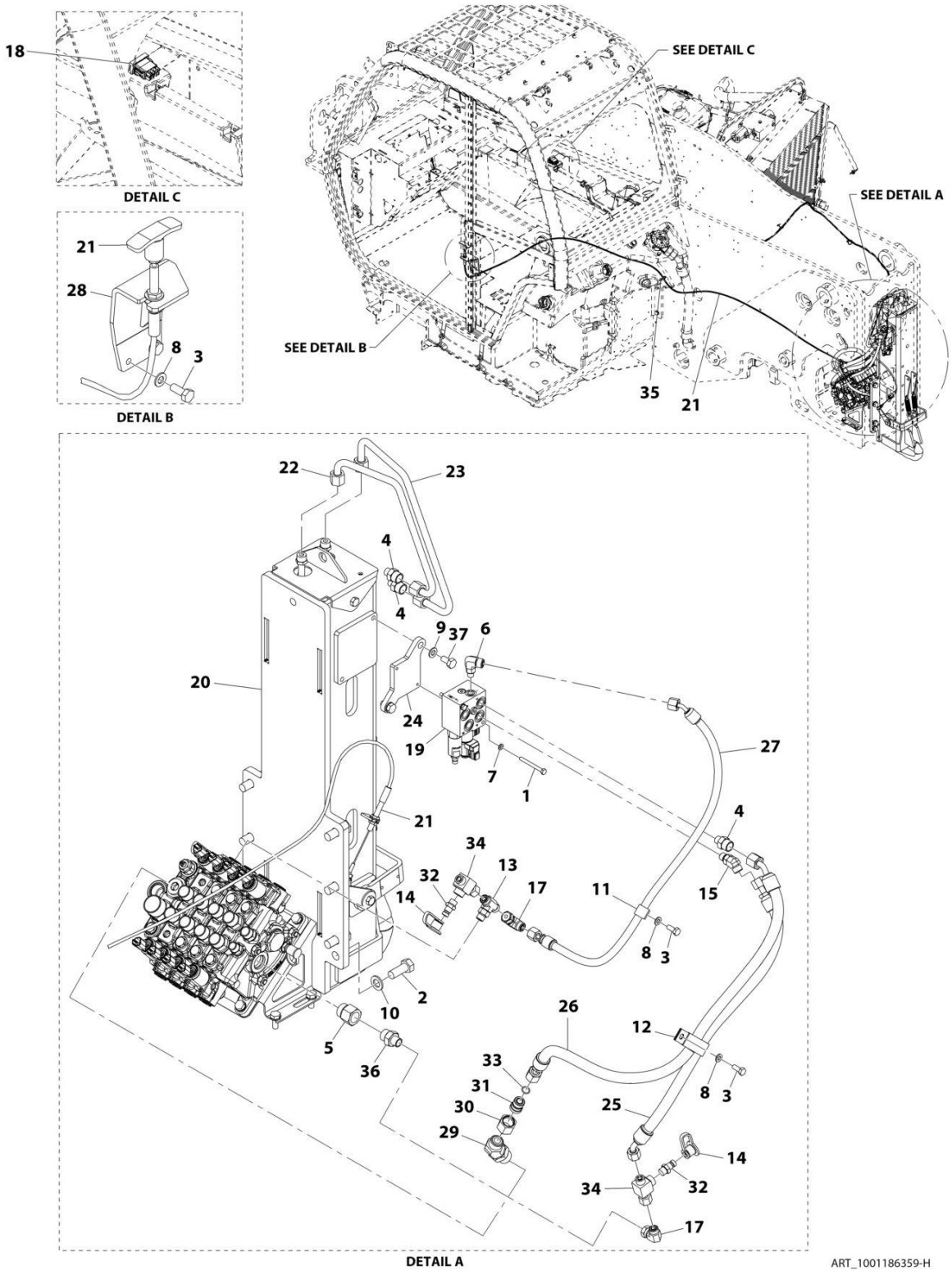


FIGURE 1-29. HITCH INSTALLATION (HYDRAULIC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186359	Ref	Hitch Installation (Hydraulic)	H
1	0700620	2	Bolt, M6X60	
2	0711616	8	Bolt, M16X40 Grade 10.9	
3	0760810	4	Bolt, M8X20	
4	2110806	3	Fitting, Straight ORFS	
5	8760550	1	Fitting, Tee	
6	2130604	1	Fitting, 90 ORFS	
7	4811700	2	Washer, M6	
8	4811900	4	Washer, M8	
9	4812000	2	Washer, M10	
10	4812300	8	Washer, M16	
11	1001009207	1	Clip	
12	1001008720	1	Clip	
13	2170406	1	Fitting, Tee ORFS	
14	1001008761	2	Dust Cap	
15	2150606	1	Fitting, 45 ORFS	
17	2172106	2	Fitting, 90 ORFS	
18	1001198836	1	Switch, Hitch Up/Down	
19	1001226722	Ref	Valve, Hydraulic Hitch Control (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
20	1001182763	1	Hitch, Hydraulic	
21	1001186392	1	Cable, Hitch Release	
22	1001204374	1	Pipe	
23	1001204375	1	Pipe	
24	1001188413	1	Plate	
25	1001204518	1	Hose, ORFS	
26	1001206557	1	Hose, ORFS	
27	1001206558	1	Hose, ORFS	
28	1001188722	1	Bracket, Hitch	
29	2151012	1	Fitting, 45 ORFS	
30	8770143	1	Nut. ORFS	
31	1001032853	1	Reducer, ORFS	
32	1001003590	2	Fitting, Straight	
33	1001008805	1	Seal	
34	1001033119	2	Adapter, ORFS	
35	1001146588	1	Tie Strap	
36	2110610	1	Fitting, Straight	
37	0761010	2	Bolt, M10X20	

FIGURE 1-30. CAB PLUG INSTALLATION (NON HYDRAULIC HITCH)

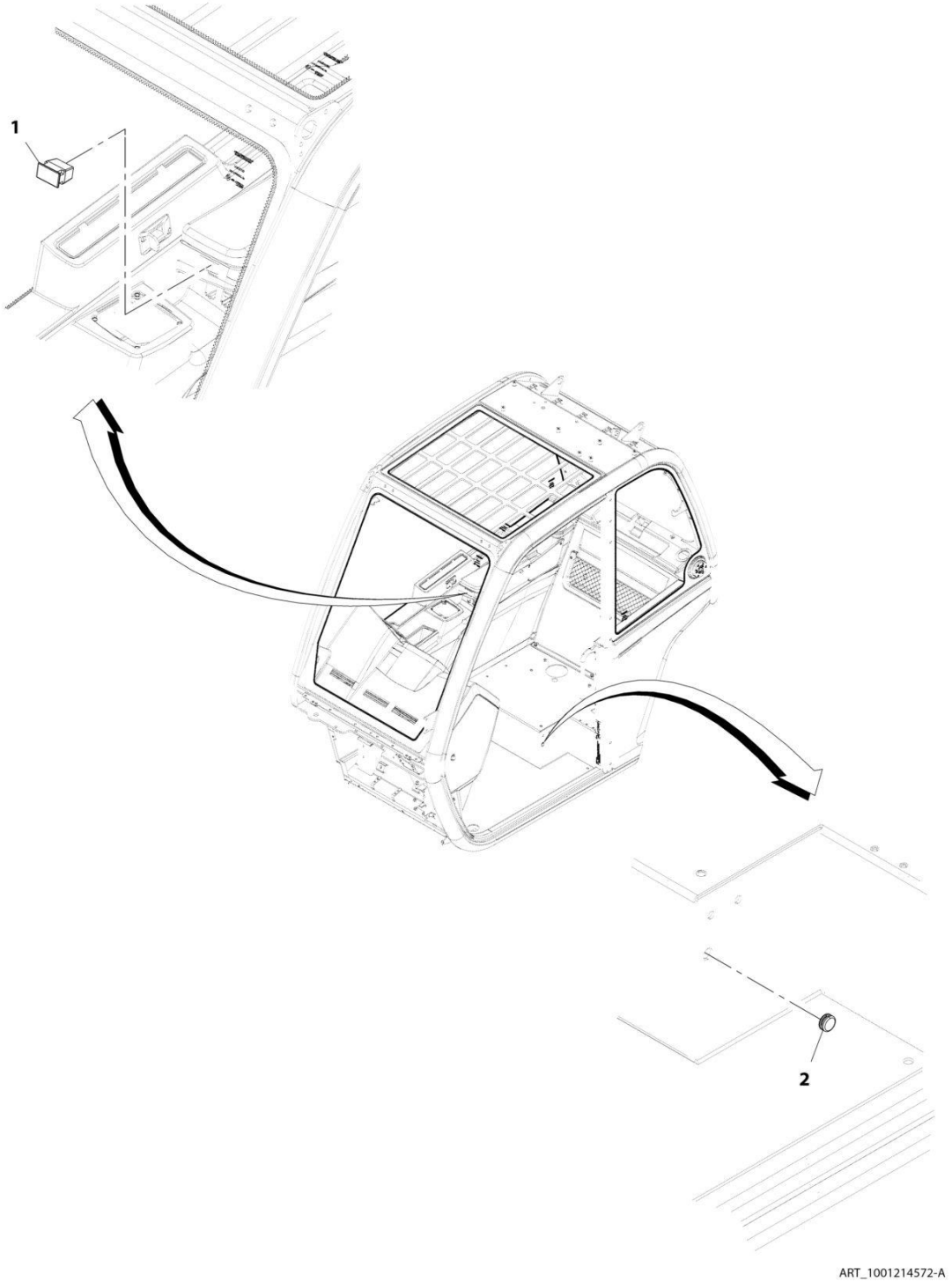


FIGURE 1-30. CAB PLUG INSTALLATION (NON HYDRAULIC HITCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214572	1	Cab Plug Installation (Non Hydraulic Hitch)	A
1	4360669	1	Cover, Switch	
2	1001176323	1	Plug	

FIGURE 1-31. MIRROR INSTALLATION

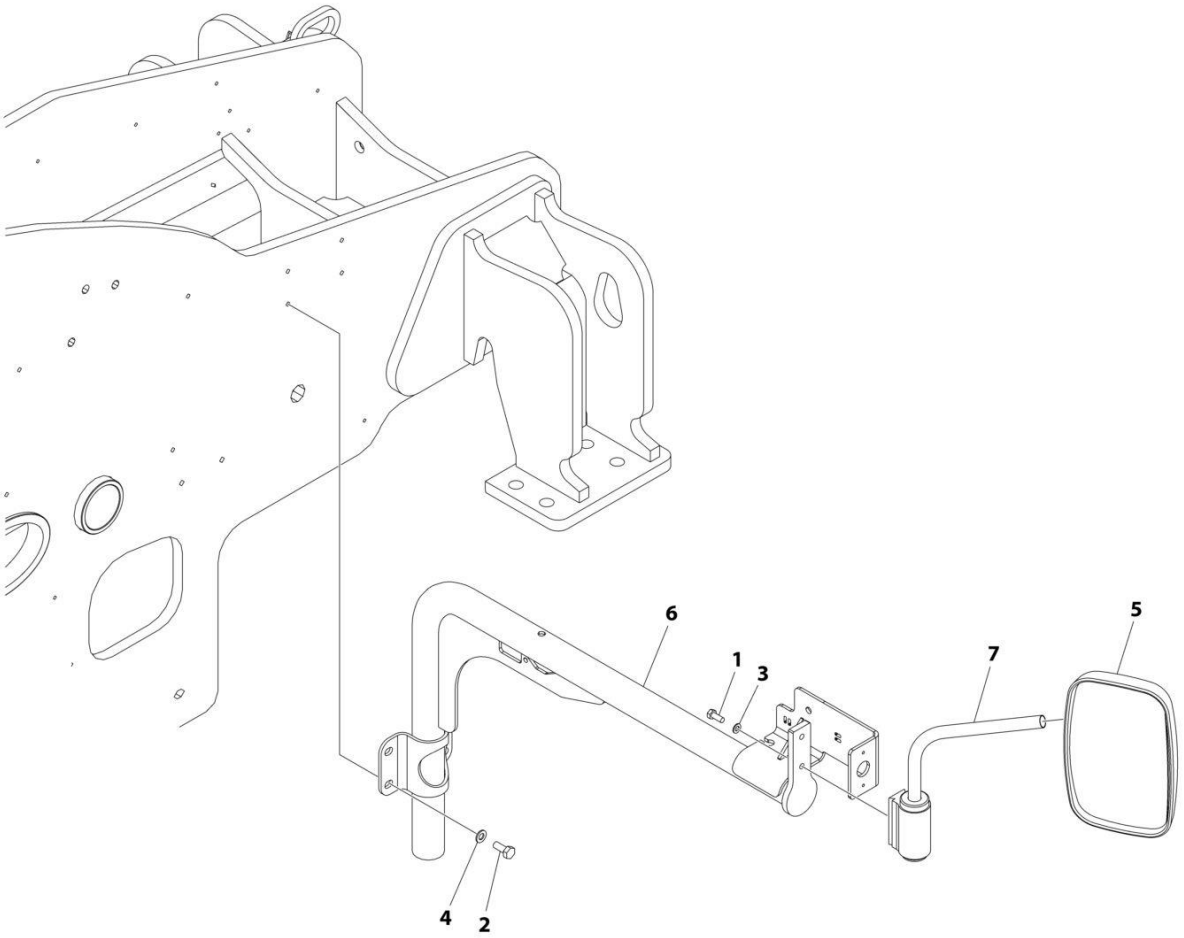


FIGURE 1-31. MIRROR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001269628	Ref	MIRROR INSTALLATION	D
1	0760810	2	Bolt M8 x 20	
2	0761012	4	Bolt M10 x 25	
3	4811900	2	Washer M8	
4	4812000	4	Washer M10	
5	1001191635	1	Mirror	
6	1001265395	1	Bracket	
7	1001269627	1	Bracket	

FIGURE 1-32. REAR MIRROR INSTALLATION (FLAT)

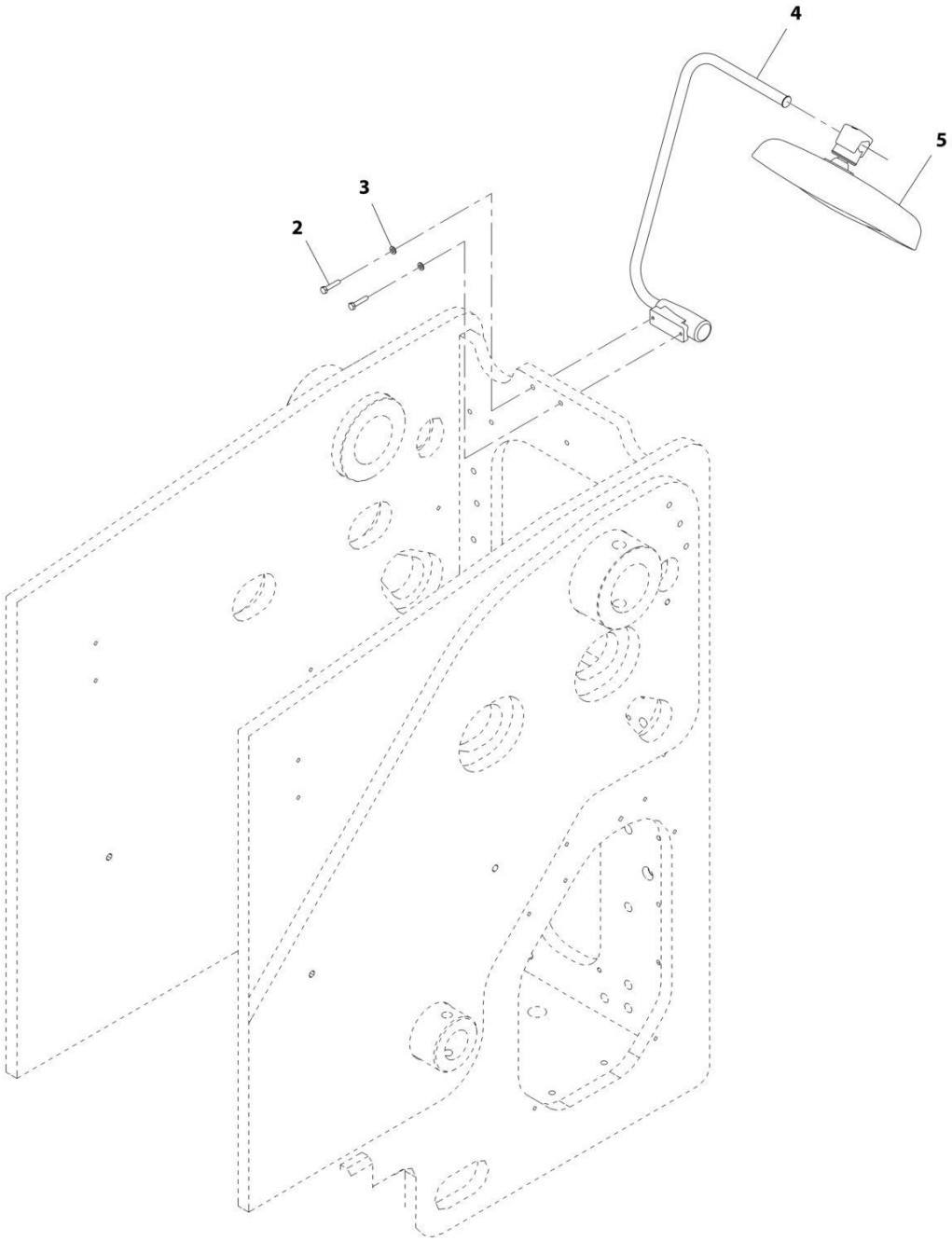


FIGURE 1-32. REAR MIRROR INSTALLATION (FLAT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186395	Ref	REAR MIRROR INSTALLATION (FLAT)	B
2	0700614	2	Bolt M6 x 30	
3	4811700	2	Washer M6	
4	1001005980	1	Arm	
5	1001005981	1	Assembly, Mirror	

FIGURE 1-33. REAR MIRROR INSTALLATION (CONVEX)

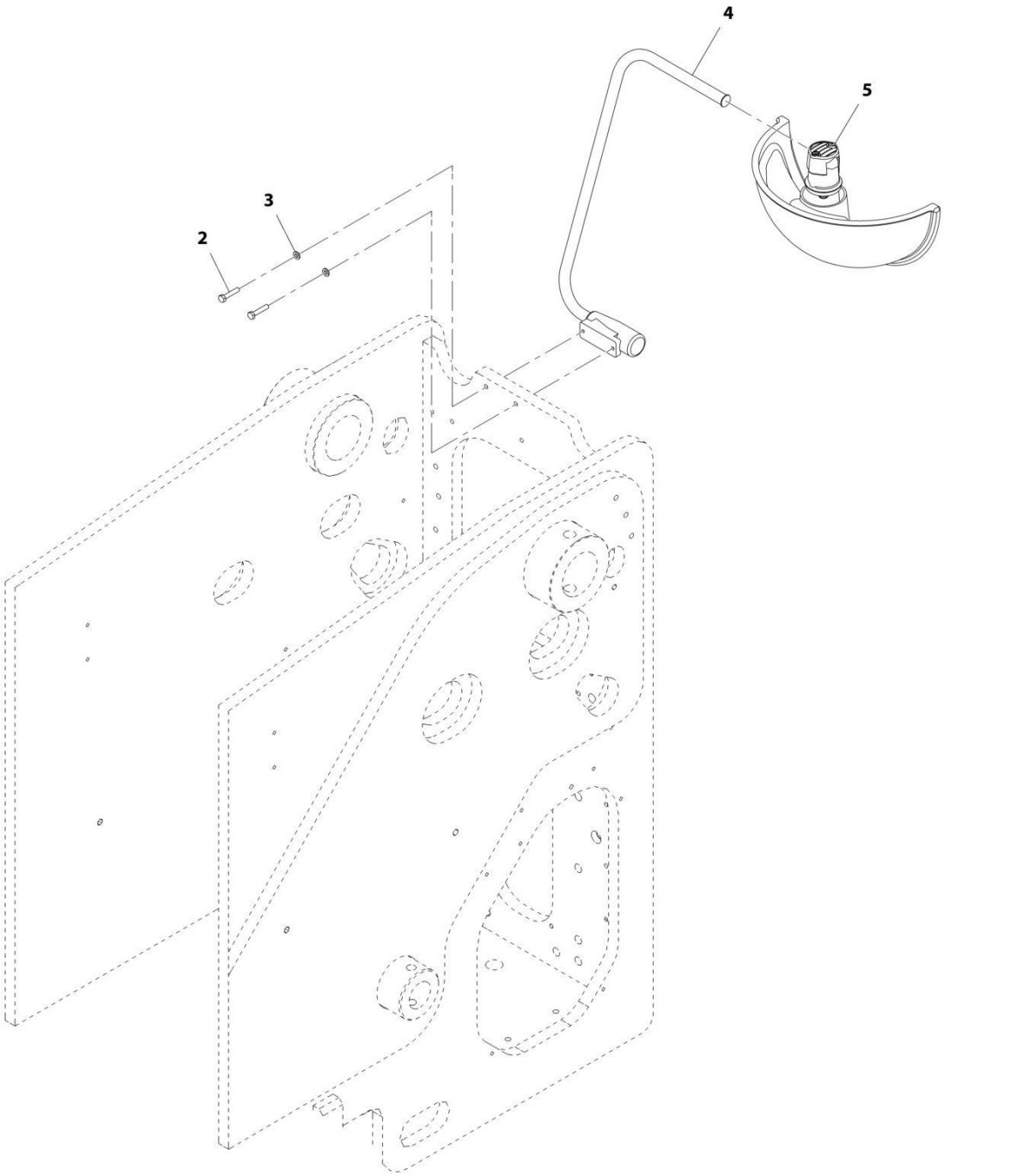
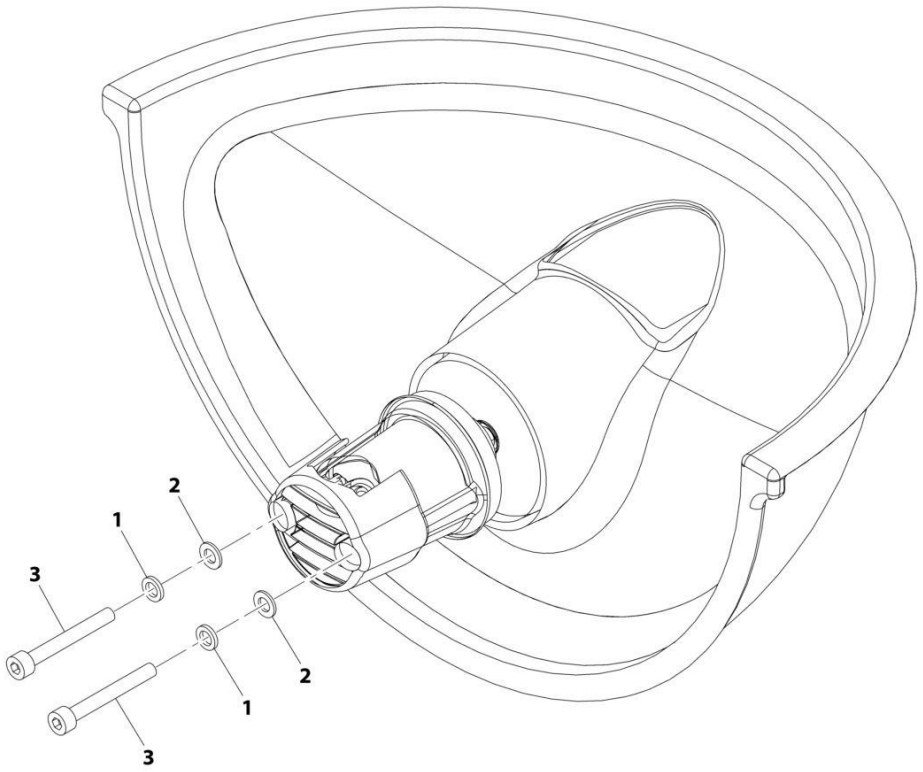


FIGURE 1-33. REAR MIRROR INSTALLATION (CONVEX)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186439	Ref	Hitch Mirror Installation (Fish Eye)	B
2	0700614	2	Bolt, M6X30	
3	4811700	2	Washer, M6	
4	1001005980	1	Arm	
5	1001008436	1	Assembly, Mirror (Convex) (See Separate Breakdown in this Section)	

FIGURE 1-34. MIRROR ASSEMBLY (CONVEX)

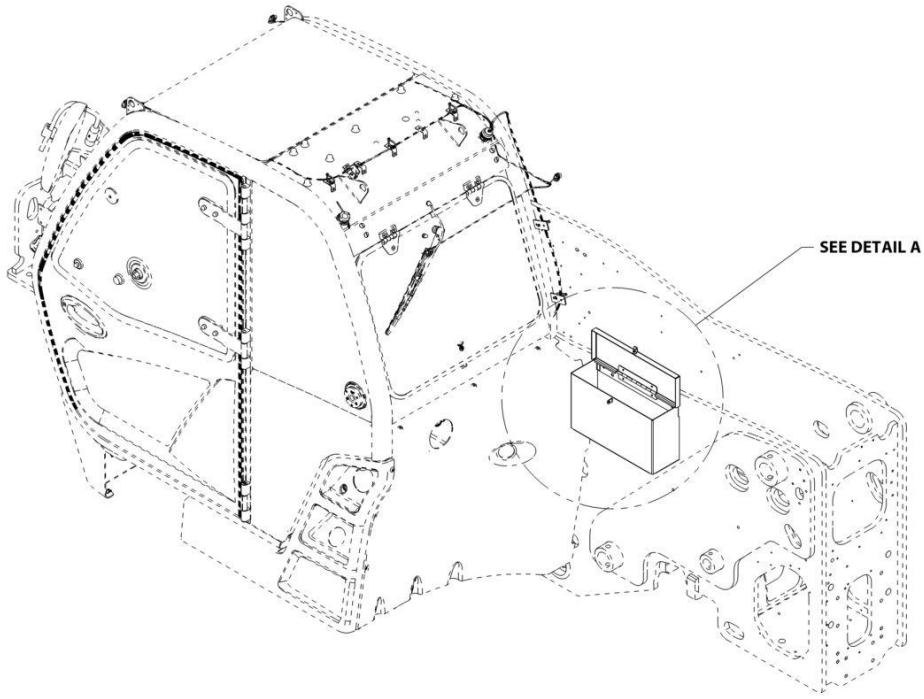


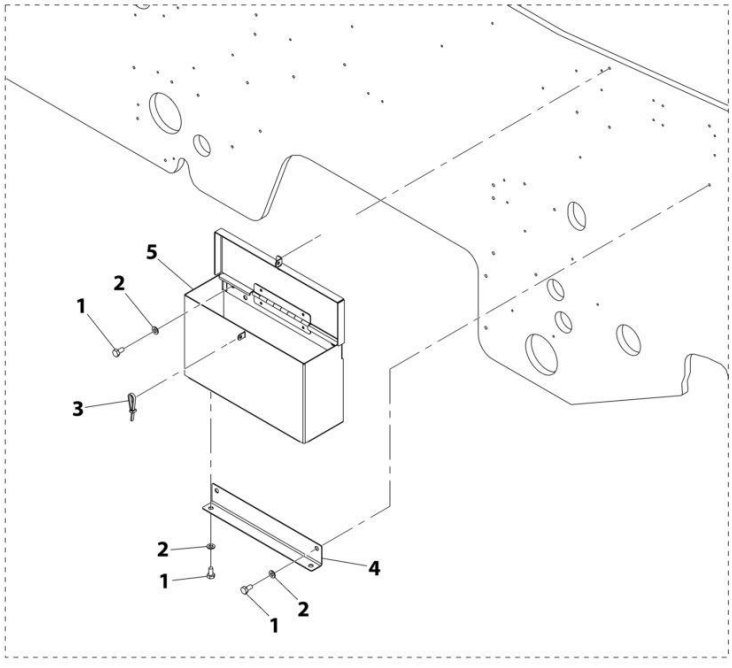
ART_1001008436-D

FIGURE 1-34. MIRROR ASSEMBLY (CONVEX)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001008436	Ref	Mirror Assembly (Convex)	D
1	1001008475	2	Washer, Lock	
2	1001009062	2	Washer	
3	1001010838	2	Bolt	

FIGURE 1-35. TOOLBOX INSTALLATION





DETAIL A

ART_1001225619-A

FIGURE 1-35. TOOLBOX INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225619	Ref	Toolbox Installation	A
1	0761010	6	Bolt, M10X20	
2	4812000	6	Washer, M10	
3	1001008559	1	Strap	
4	1001178729	1	Bracket	
5	1001192836	1	Box	

SECTION 2 - BOOM

SECTION 2 - BOOM

FIGURE 2-1. BOOM ASSEMBLY

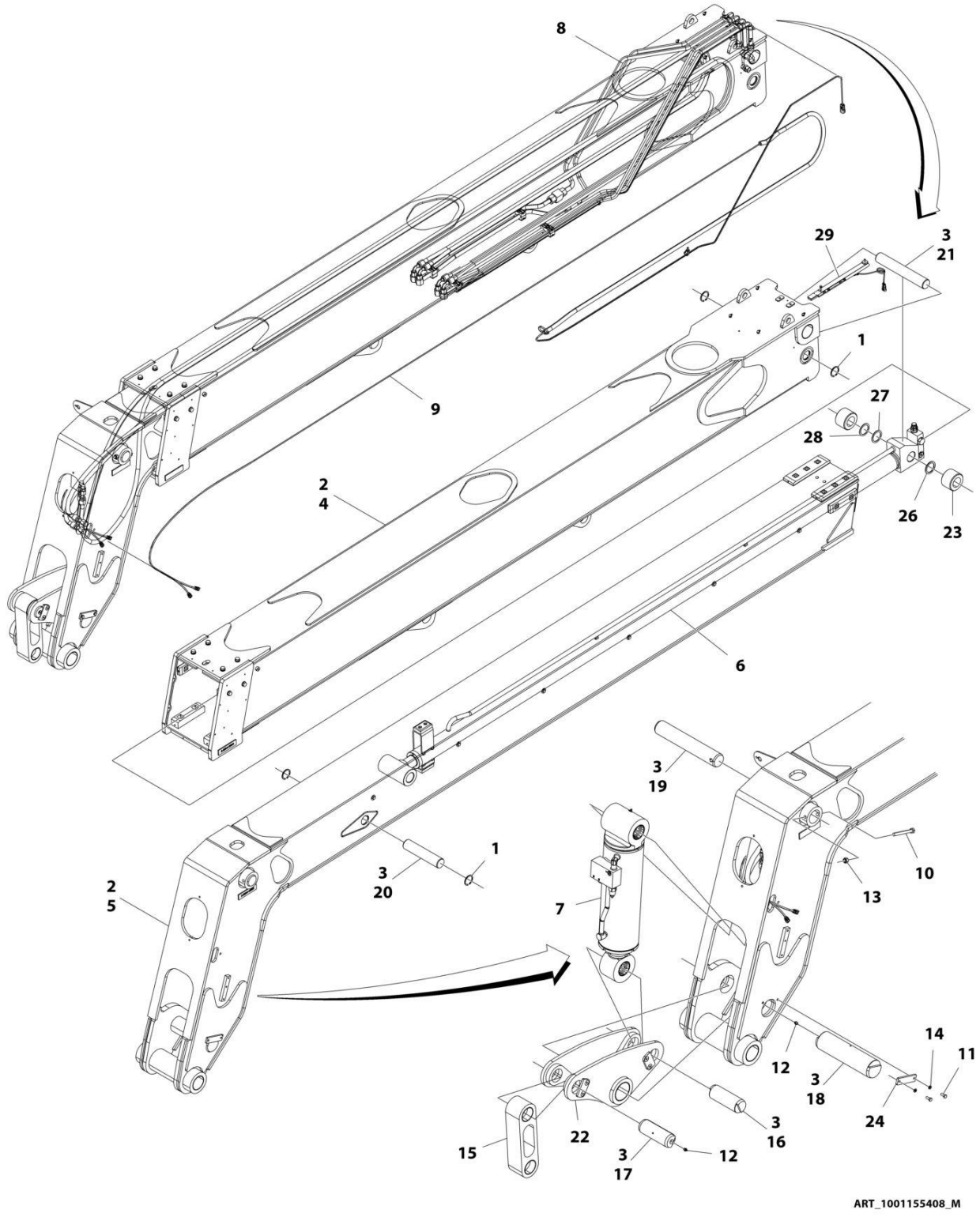


FIGURE 2-1. BOOM ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155408	Ref	BOOM ASSEMBLY	M
1	314689	4	Ring, Retaining 50MM	
2	1001098457	AR	Grease, Lithium	
3	3020040	AR	Lubricant, Moly Paste	
4	1001153860	1	Assembly, First Boom Section (JLG) (See Separate Breakdown in this Section)	
5	1001153861	1	Assembly, Second Boom Section (See Separate Breakdown in this Section)	
6	1001266775	1	Assembly, Extend/Retract Cylinder (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
7	1001276695	1	Cylinder, Tilt (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
8	1001216312	Ref	Installation, Boom Hydraulic (See Separate Breakdown in HYDRAULIC CIRCUITS Section)	
9	1001185364	Ref	Installation, Boom Harness (See Separate Breakdown in ELECTRICAL Section)	
10	0711228	1	Bolt M12 x 110	
11	0760810	2	Bolt M8 x 20	
12	2160016	2	Fitting, Grease	
13	3291205	1	Nut M12	
14	4831900	2	Washer M8	
15	1001096870	1	Assembly, Link (See Separate Breakdown in this Section)	
16	1001175746	1	Pin	
17	1001175749	1	Pin	
18	1001175747	1	Pin	
19	1001175896	1	Pin	
20	1001175897	1	Pin	
21	1001175900	1	Pin	
22	1001176407	1	Assembly, Lever (See Separate Breakdown in this Section)	
23	1001176691	2	Spacer	
24	1001191621	1	Plate	
26	1001155958	AR	Shim, 3MM	
27	1001155959	AR	Shim, 2MM	
28	1001155960	AR	Shim, 1MM	
29	1001221242	1	Retract Sensor Installation (See Separate Breakdown in this Section)	

FIGURE 2-2. FIRST BOOM SECTION

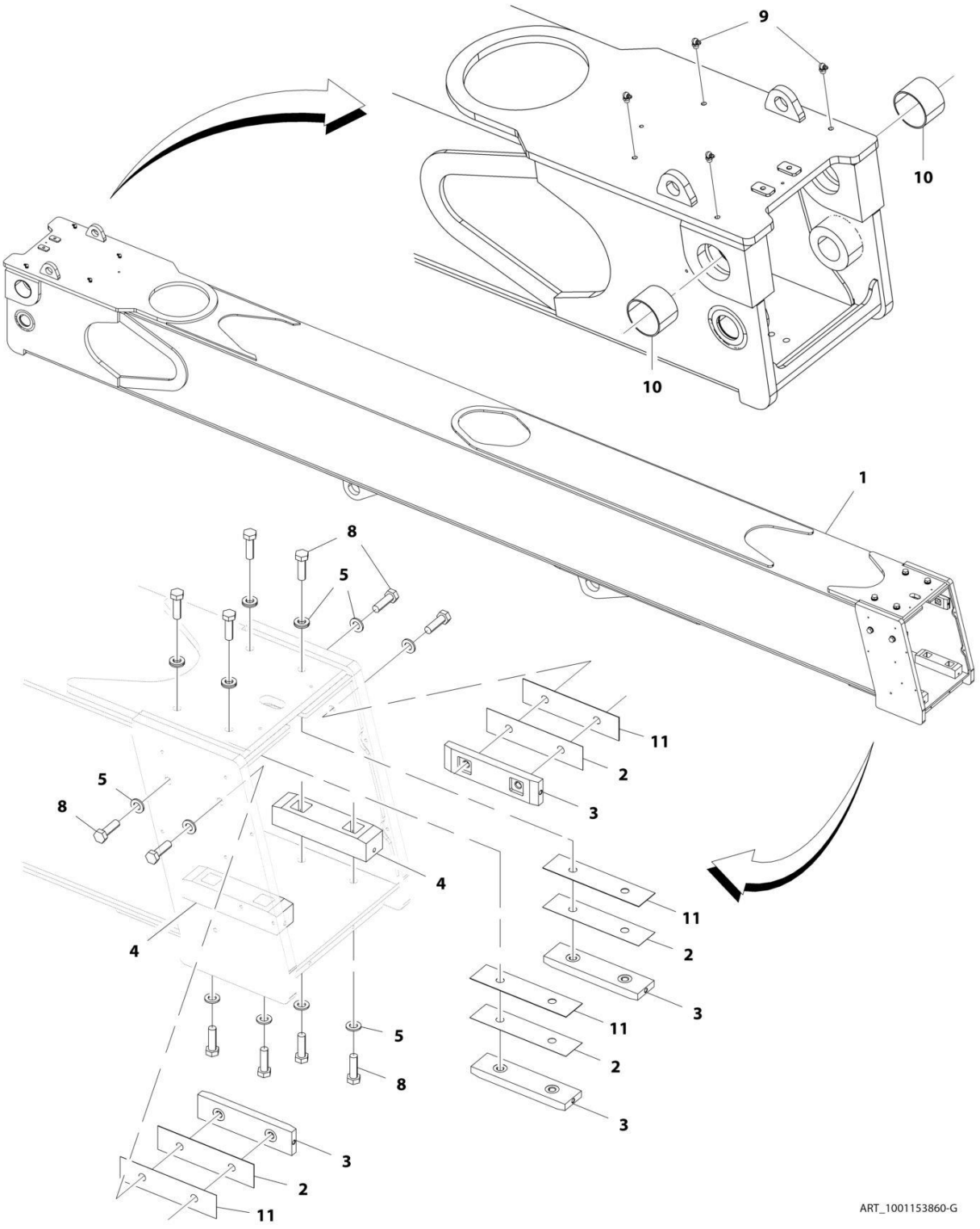


FIGURE 2-2. FIRST BOOM SECTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001153860	Ref	First Boom Section	K
1	1001173789J	1	Weldment, First Boom Section (Includes Item 101)	
2	1001147731	AR	Shim, M1X45X185	
3	1001147657	4	Pad, M15X45X181	
4	1001175853	2	Pad, M38X45X181	
5	1001125117	AR	Washer, M12	
8	0711216	12	Bolt, M12X40	
9	2160018	4	Fitting, Grease	
11	1001154174	AR	Shim, M0.5X45X185	
12	1001163103	AR	Plate, Shim (Not Shown)	
101	1001090150	2	Bushing	

FIGURE 2-3. SECOND BOOM SECTION ASSEMBLY

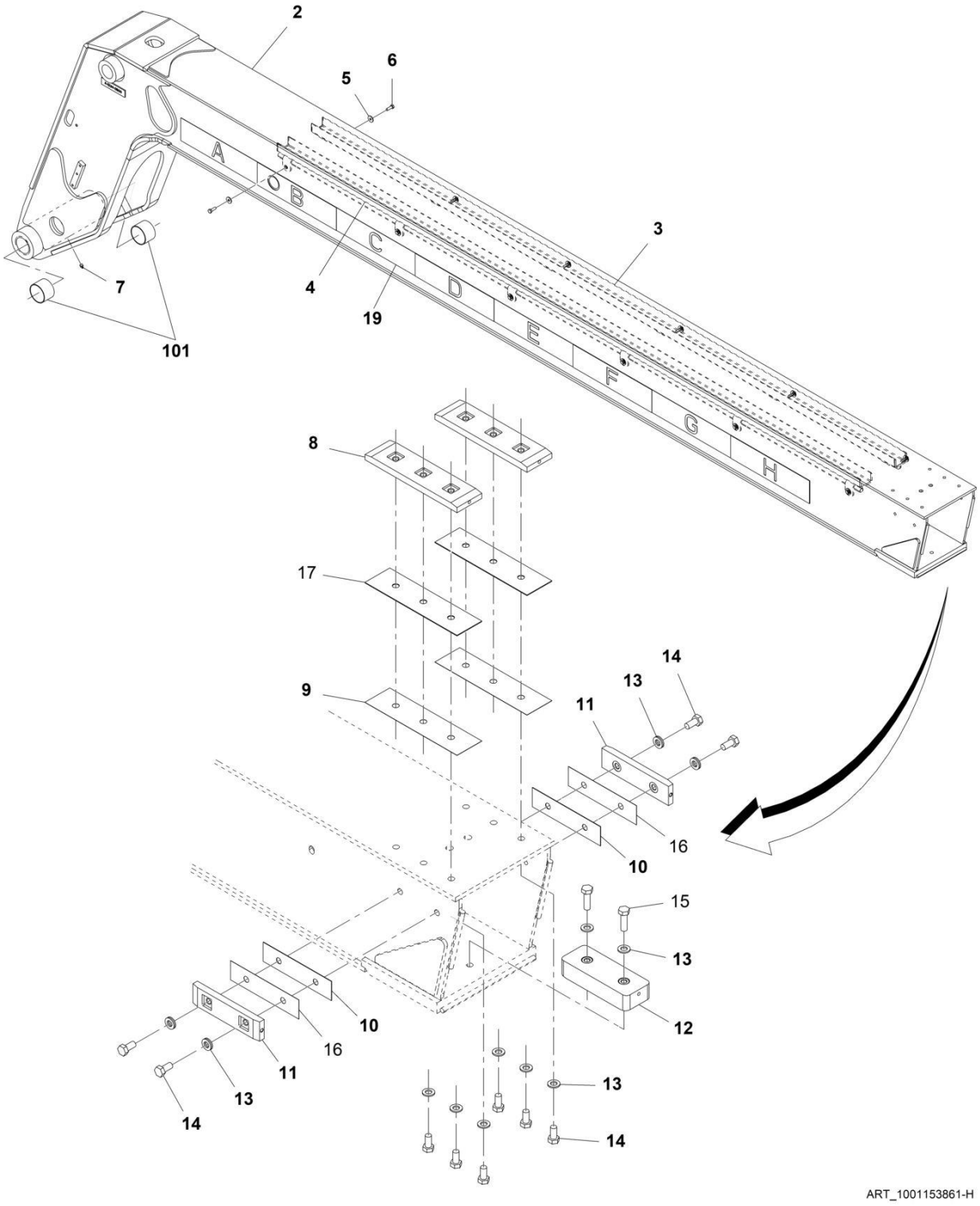


FIGURE 2-3. SECOND BOOM SECTION ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001153861	Ref	Second Boom Section Assembly	L
2	1001242219	1	Weldment, Second Boom Section (Includes Item 101)	
3	1001174557	1	Support, Hose	
4	1001175661	1	Support, Hose	
5	4811902	12	Washer M8	
6	0760812	12	Bolt M8X25	
7	2160016	1	Fitting, Grease	
8	1001177054	2	Pad, M67.5X250X15	
9	1001177073	AR	Shim, M1.5X67.5X250	
10	1001147731	AR	Shim, M1X45X185	
11	1001147657	2	Pad, M15X45X181	
12	1001175762	1	Pad, M38X67.5X181	
13	1001125117	AR	Washer M12	
14	0771212	10	Bolt M12X25	
16	0711216	2	Bolt M12X40	
17	1001154174	AR	Shim, M0.5X45X185	
17	1001163103	1	Shim	
18	1001221577	AR	Shim, M0.5X67.5X250	
19	1001227229	1	Decal, Boom Extend	
101	1001090150	2	Bearing, M70X50	

FIGURE 2-4. LINK ASSEMBLY

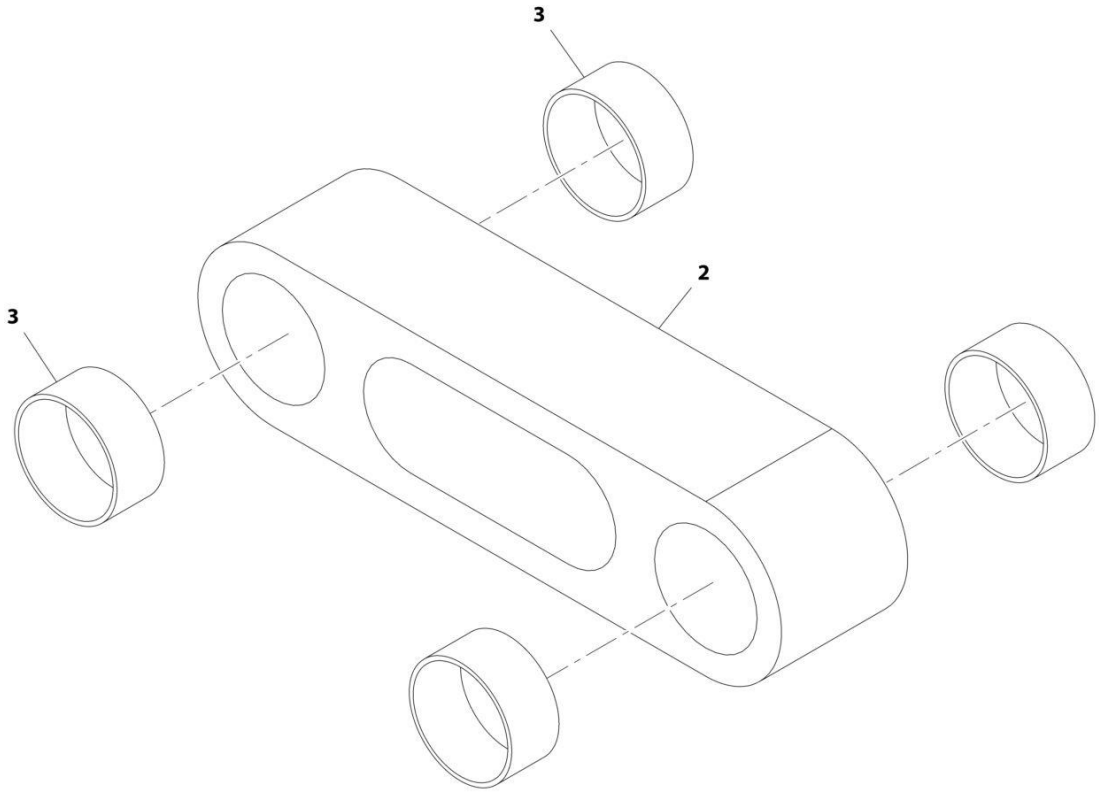
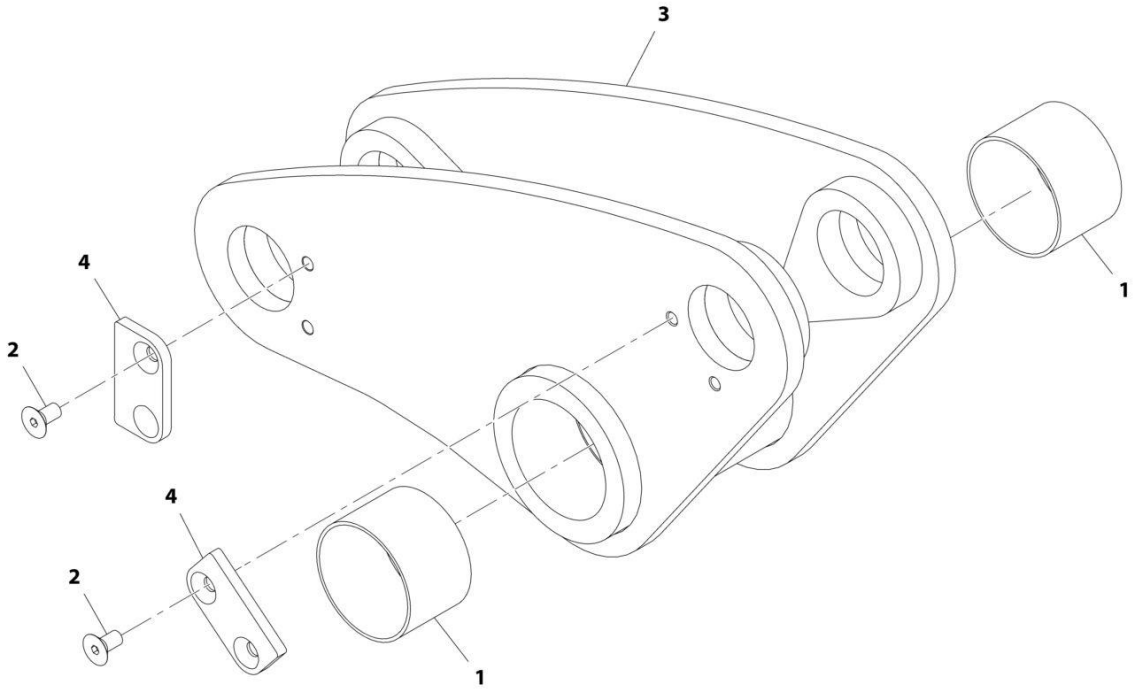


FIGURE 2-4. LINK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001096870	Ref	Link Assembly	B
2	1001096726	NSS	Link (Use PN 1001096870 Link Assembly	
3	1001100442	4	Bearing	

FIGURE 2-5. LEVER ASSEMBLY



ART_1001176407-C

FIGURE 2-5. LEVER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176407	Ref	Lever Assembly	C
1	1001092298	2	Bearing	
2	1001155441	4	Screw, M10-1.5X20	
3	1001189480	1	Plate	
4	1001176882	2	Plate, Pin Retainer	

FIGURE 2-6. RETRACT SENSOR INSTALLATION

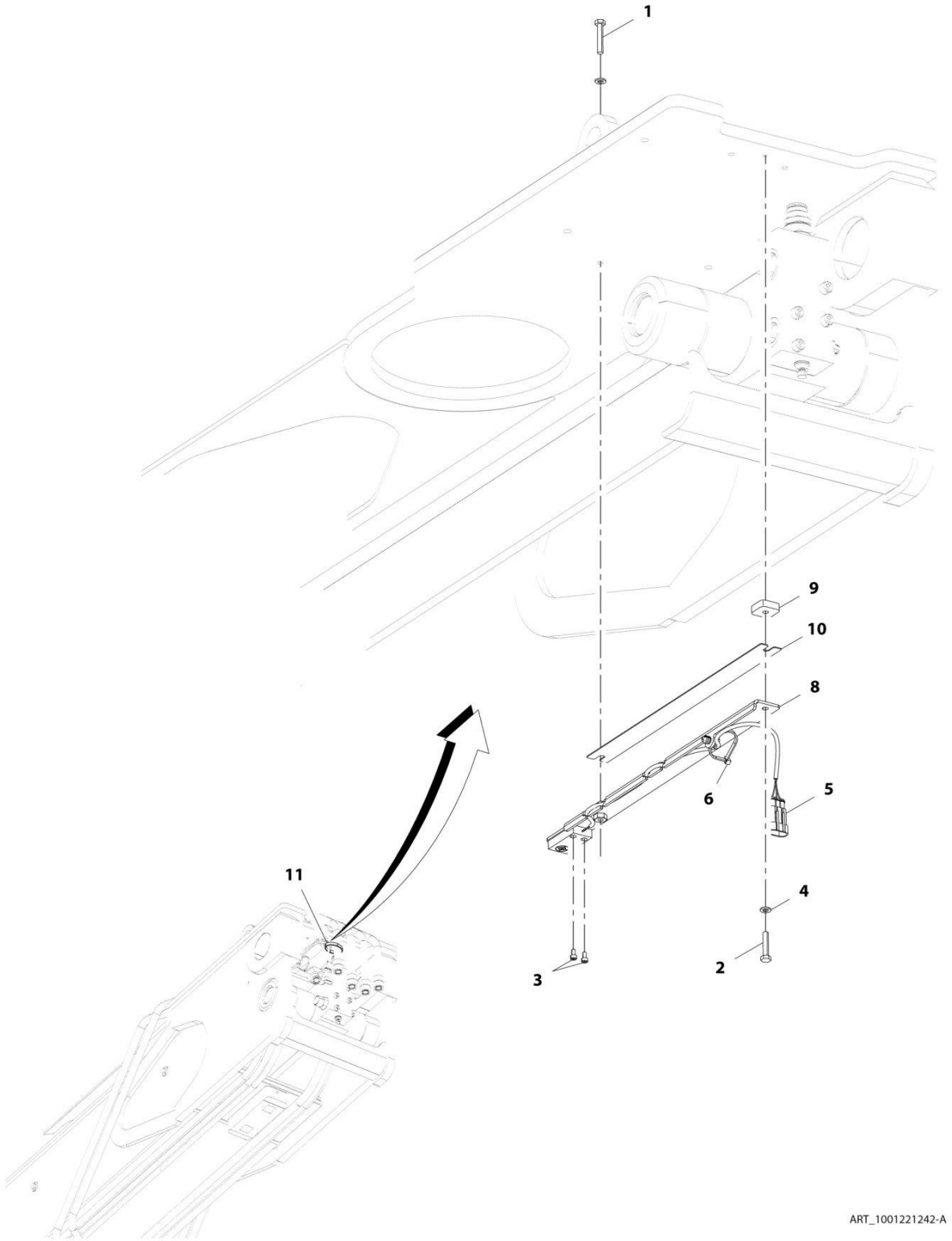


FIGURE 2-6. RETRACT SENSOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221242	Ref	Boom Retract Sensor Installation	A
1	0700615	1	Bolt, M6X35	
2	0760614	1	Bolt, M6X30	
3	4031504	2	Screw, M4X8	
4	4811700	2	Washer, M6	
5	1001121021	1	Sensor, Proximity	
6	1001146588	1	Strap, Cable	
8	1001221249	1	Bracket	
9	1001221257	1	Plate	
10	1001221293	1	Shim	
11	1001008923	1	Strap, Cable	

FIGURE 2-7. BOOM PINNING INSTALLATION

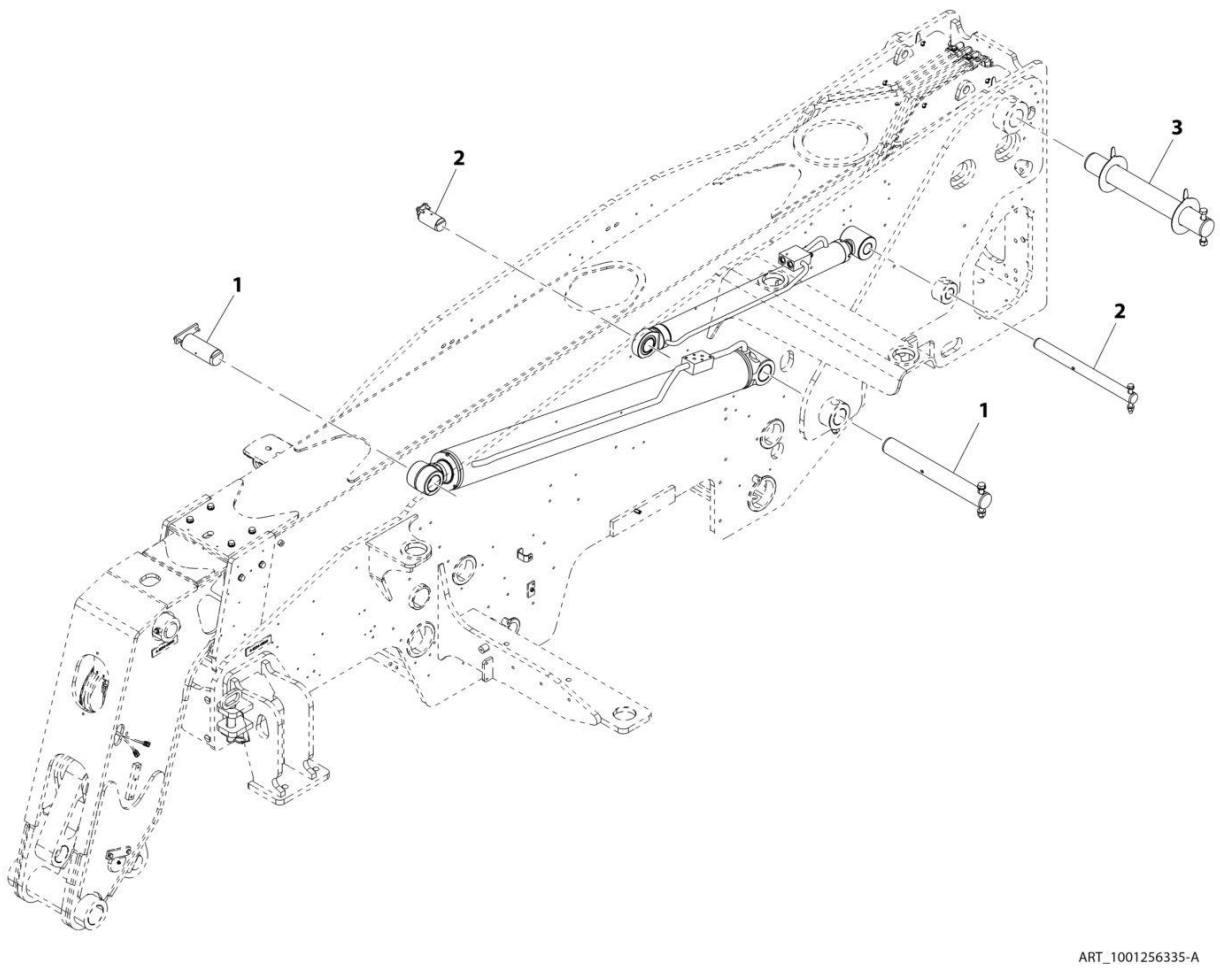


FIGURE 2-7. BOOM PINNING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256335	Ref	Boom Pinning Installation	A
1	1001256336	1	Installation, Lift Cylinder Pinning (See Separate Breakdown in this Section)	
2	1001256337	1	Installation, Compensation Cylinder Pinning (See Separate Breakdown in this Section)	
3	1001256338	1	Installation, Boom Pivot (See Separate Breakdown in this Section)	

FIGURE 2-8. LIFT CYLINDER PINNING INSTALLATION

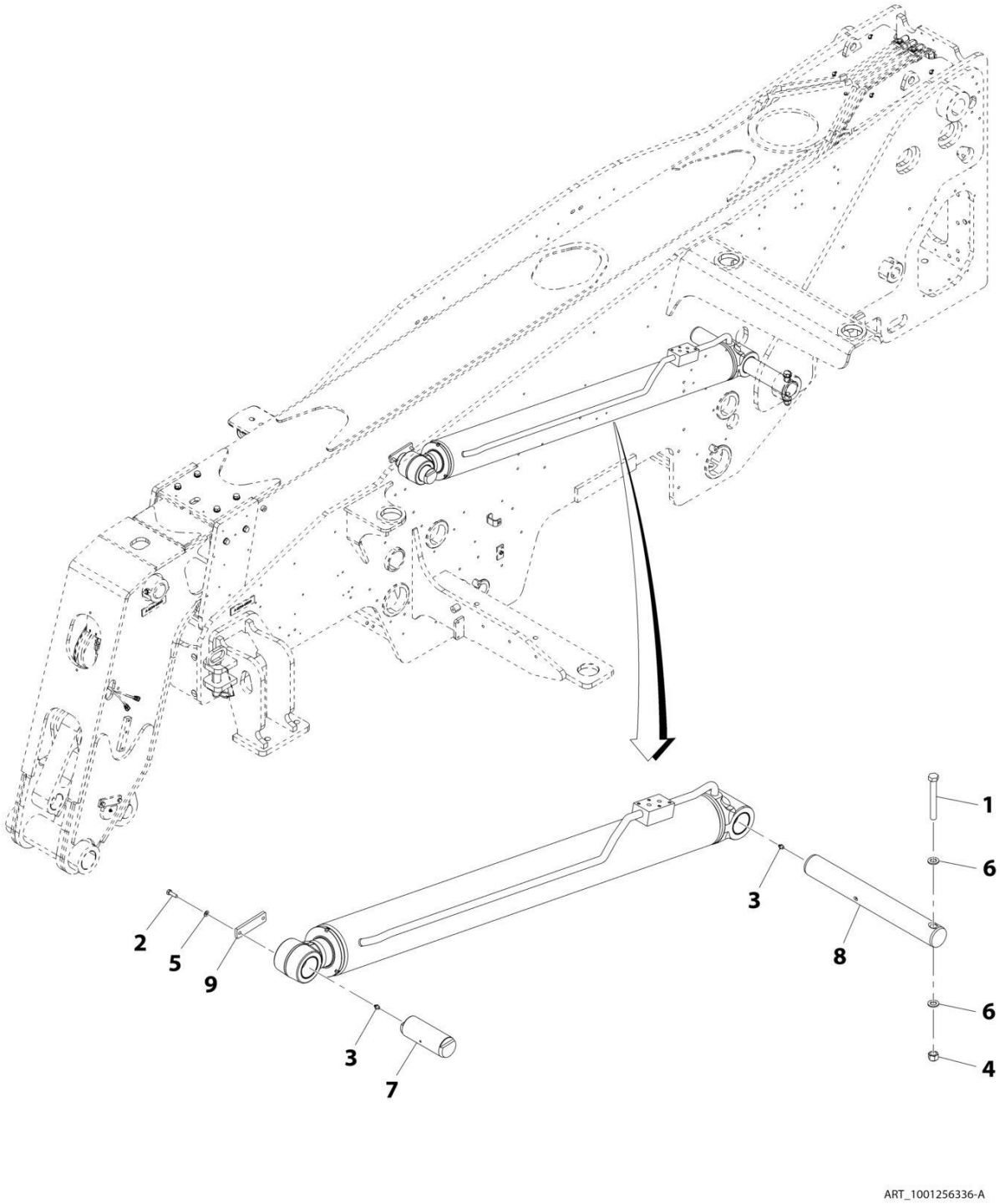


FIGURE 2-8. LIFT CYLINDER PINNING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256336	Ref	Lift Cylinder Pinning Installation	A
1	0701630	1	Bolt, M16X130	
2	0760812	2	Bolt, M8X25	
3	2160016	2	Fitting, Grease	
4	3291605	1	Nut, Lock M16X2 Grade 8	
5	4811900	2	Washer, M8	
6	4812300	2	Washer, M16	
7	1001175898	1	Pin	
8	1001183460	1	Pin	
9	1001191621	1	Plate	

FIGURE 2-9. COMPENSATION CYLINDER PINNING INSTALLATION

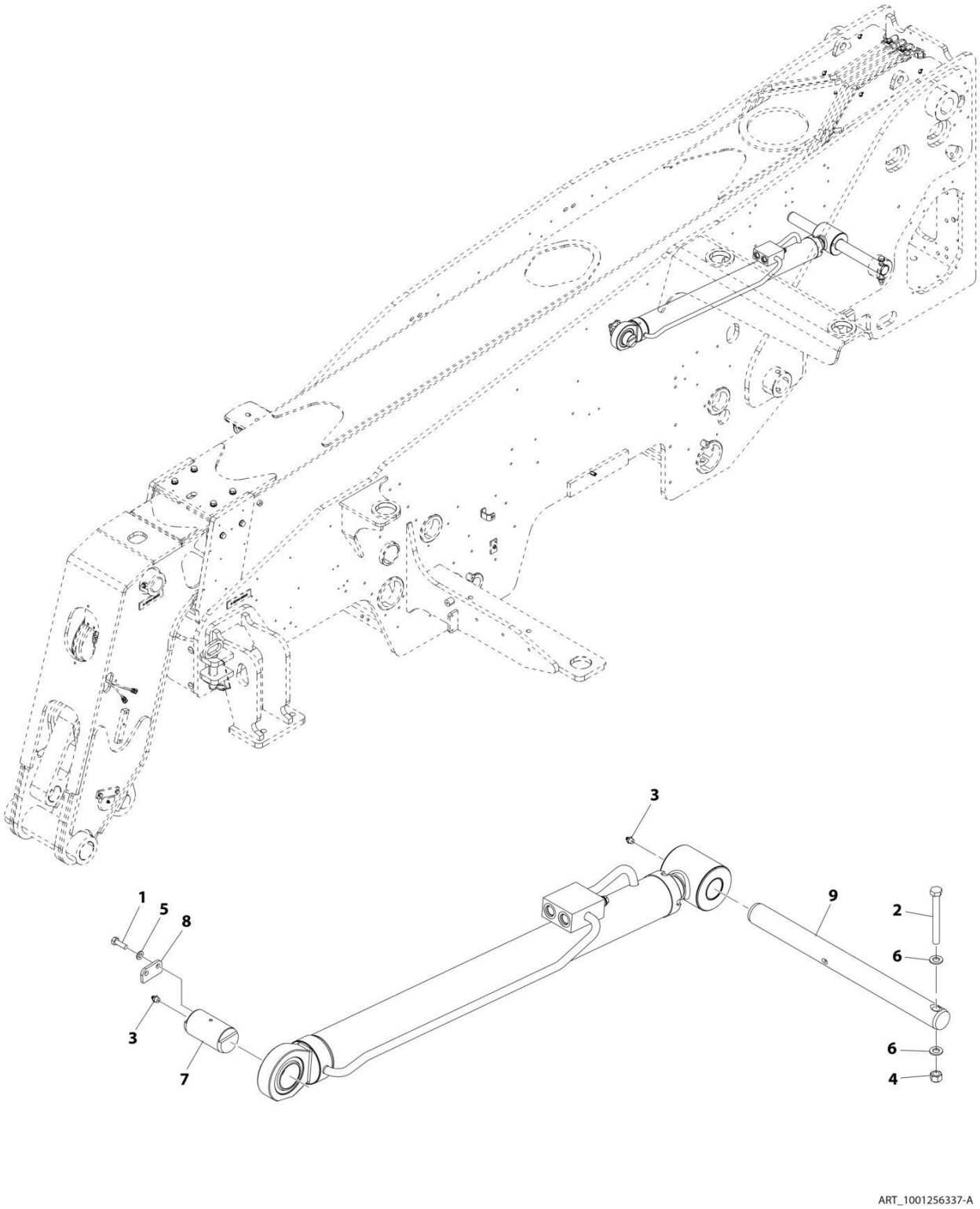


FIGURE 2-9. COMPENSATION CYLINDER PINNING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256337	Ref	Compensation Cylinder Pinning Installation	A
1	0760812	2	Bolt, M8X25	
2	0761228	1	Bolt, M12X110	
3	2160016	2	Fitting, Grease	
4	3291205	1	Nut, Lock M12X1.75 Grade 8	
5	4811900	2	Washer, M8	
6	4812100	2	Washer, M12	
7	1001175754	1	Pin	
8	1001176942	1	Bracket	
9	1001183461	1	Pin	

FIGURE 2-10. BOOM PIVOT INSTALLATION

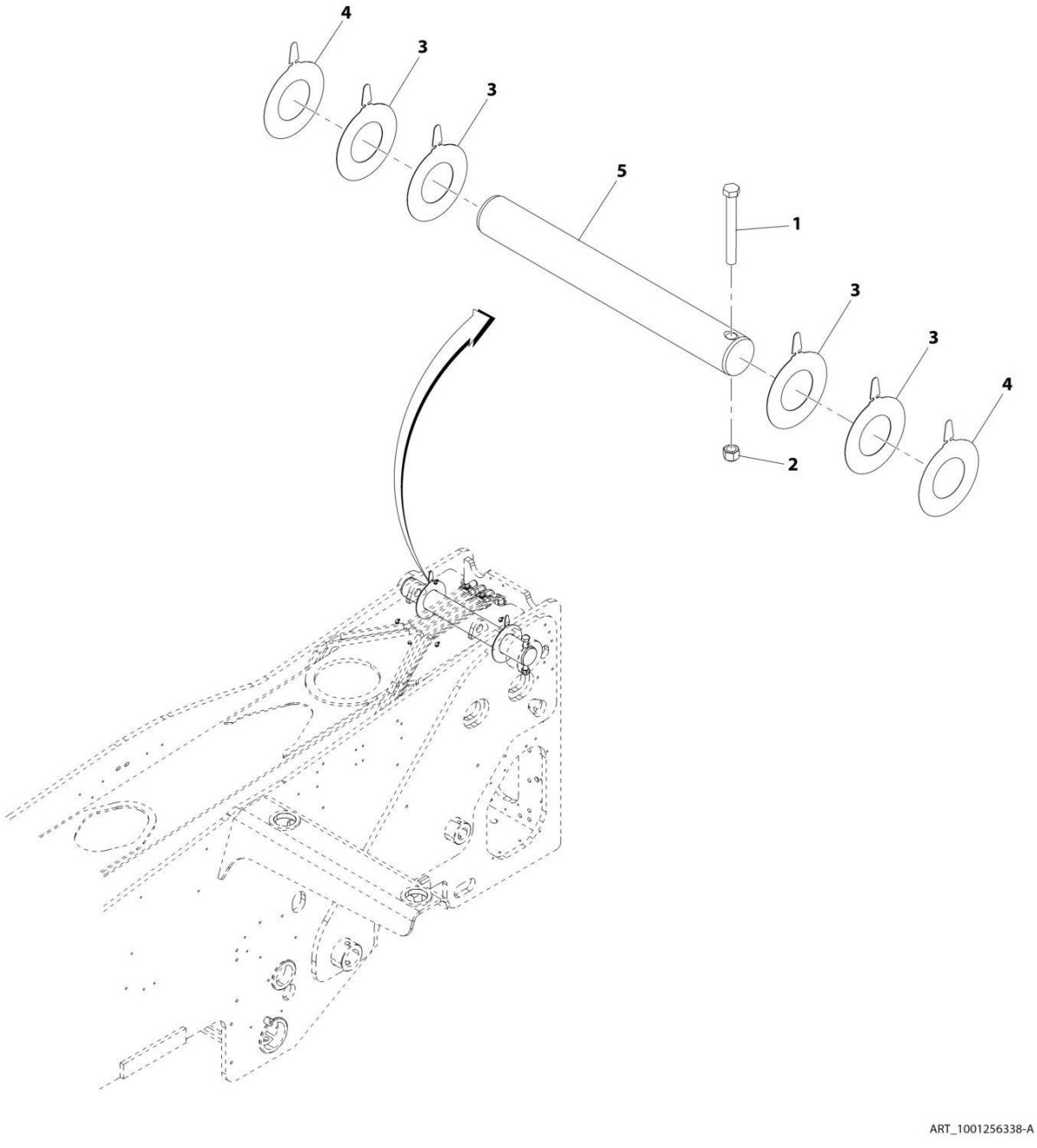


FIGURE 2-10. BOOM PIVOT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256338	Ref	Boom Pivot Installation	A
1	0711631	1	Bolt, M16X140	
2	3291605	1	Nut, Lock M16X2	
3	1001169048	AR	Shim, 1MM	
4	1001169049	AR	Shim, 0.5MM	
5	1001175225	1	Pin	

FIGURE 2-11. BOOM BRUSHES INSTALLATION

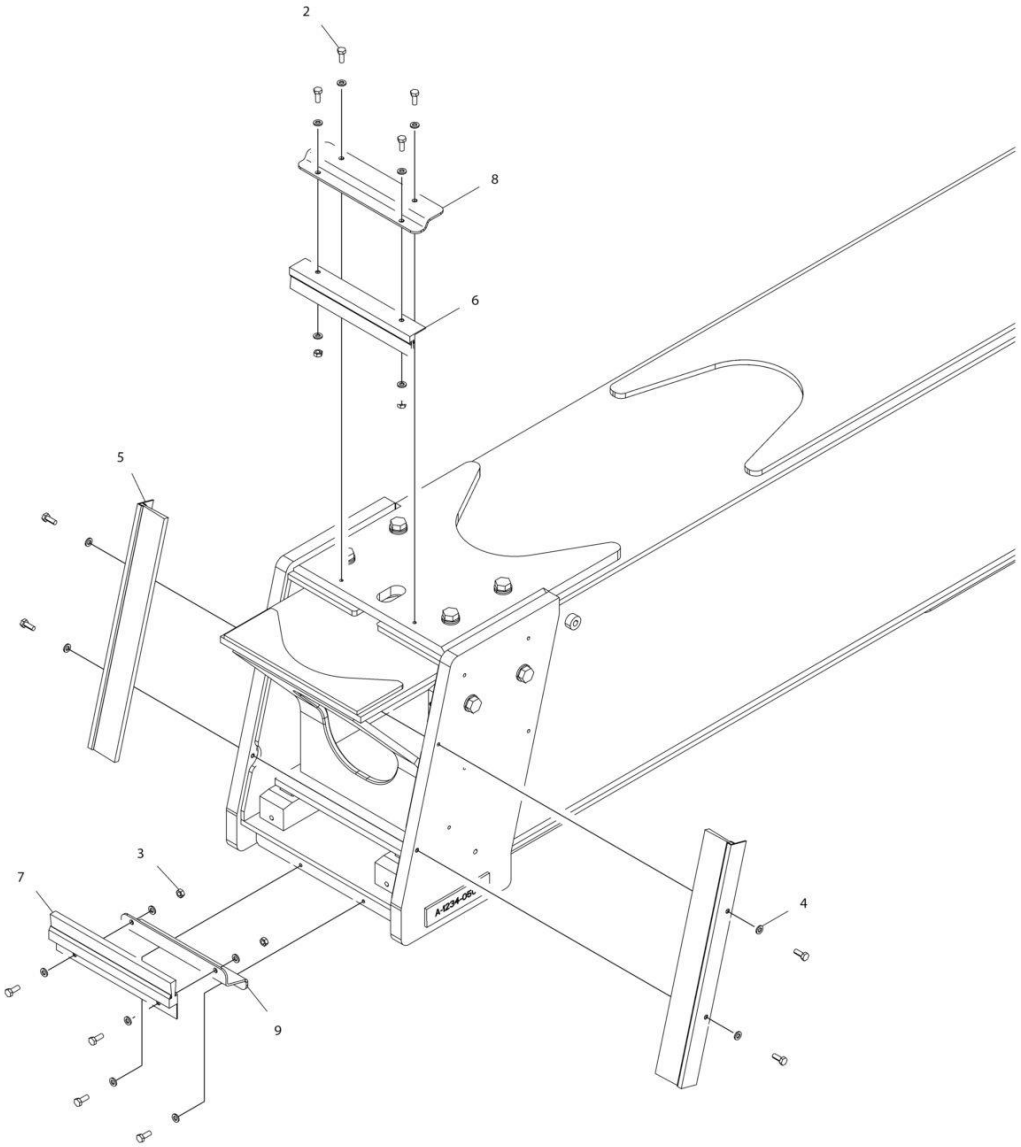


FIGURE 2-11. BOOM BRUSHES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186698	Ref	BOOM BRUSHES INSTALLATION	E
2	0760608	12	Bolt M6 x 16	
3	3290601	4	Nut M6 x 1	
4	4811700	16	Washer M6	
5	1001184423	2	Seal	
6	1001184425	1	Seal	
7	1001184426	1	Seal	
8	1001214297	1	Bracket	
9	1001214312	1	Bracket	

FIGURE 2-12. BOOM PROP INSTALLATION

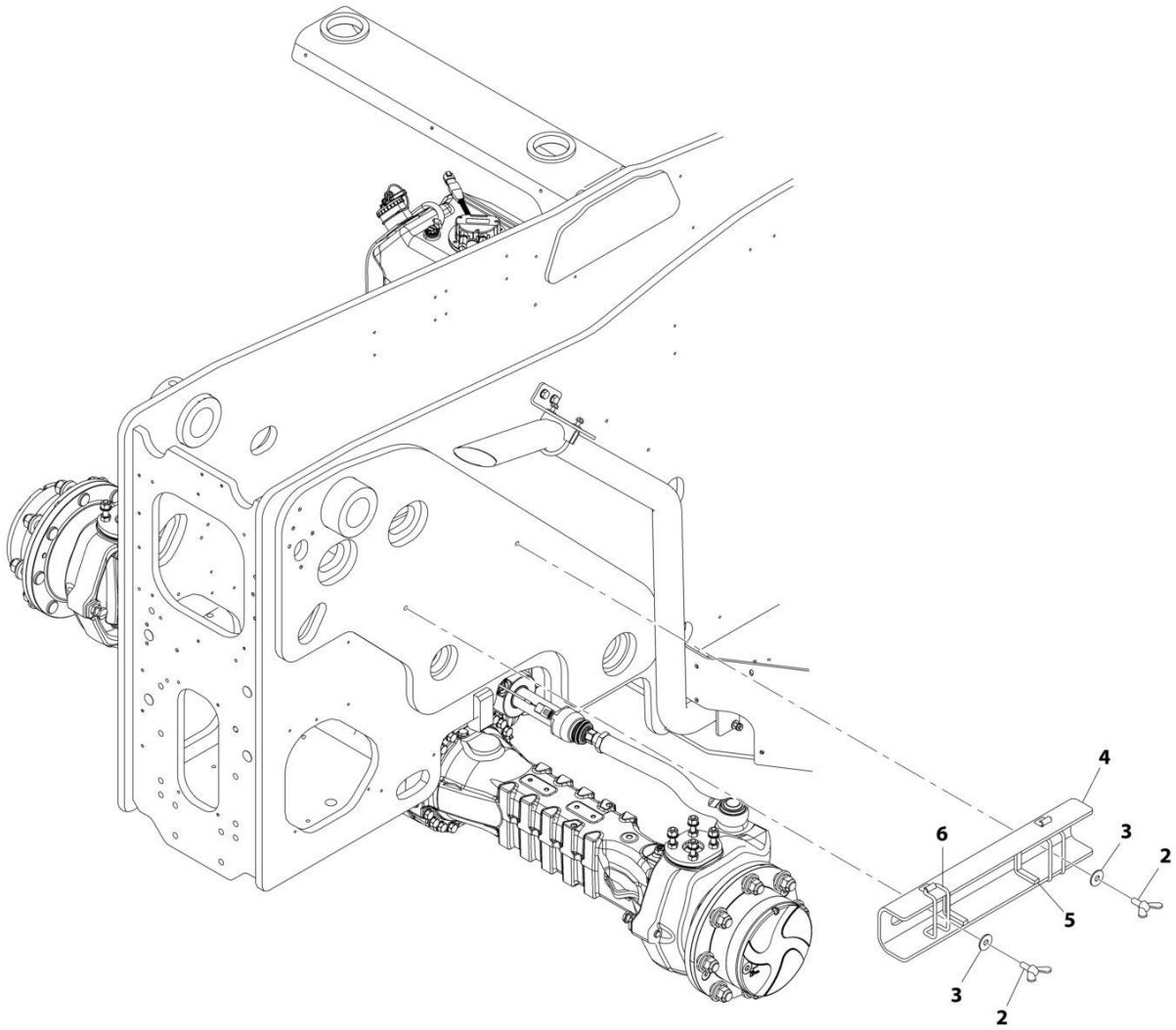


FIGURE 2-12. BOOM PROP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001189475	Ref	Boom Prop Installation	D
2	443630	2	Screw, Wing M12X30	
3	4812102	2	Washer, M12	
4	1001204535	1	Bracket, Boom Support	
5	1001189476	2	Pad	
6	1784861	2	O-Ring	

FIGURE 2-13. HYDRAULIC QUICK COUPLER INSTALLATION

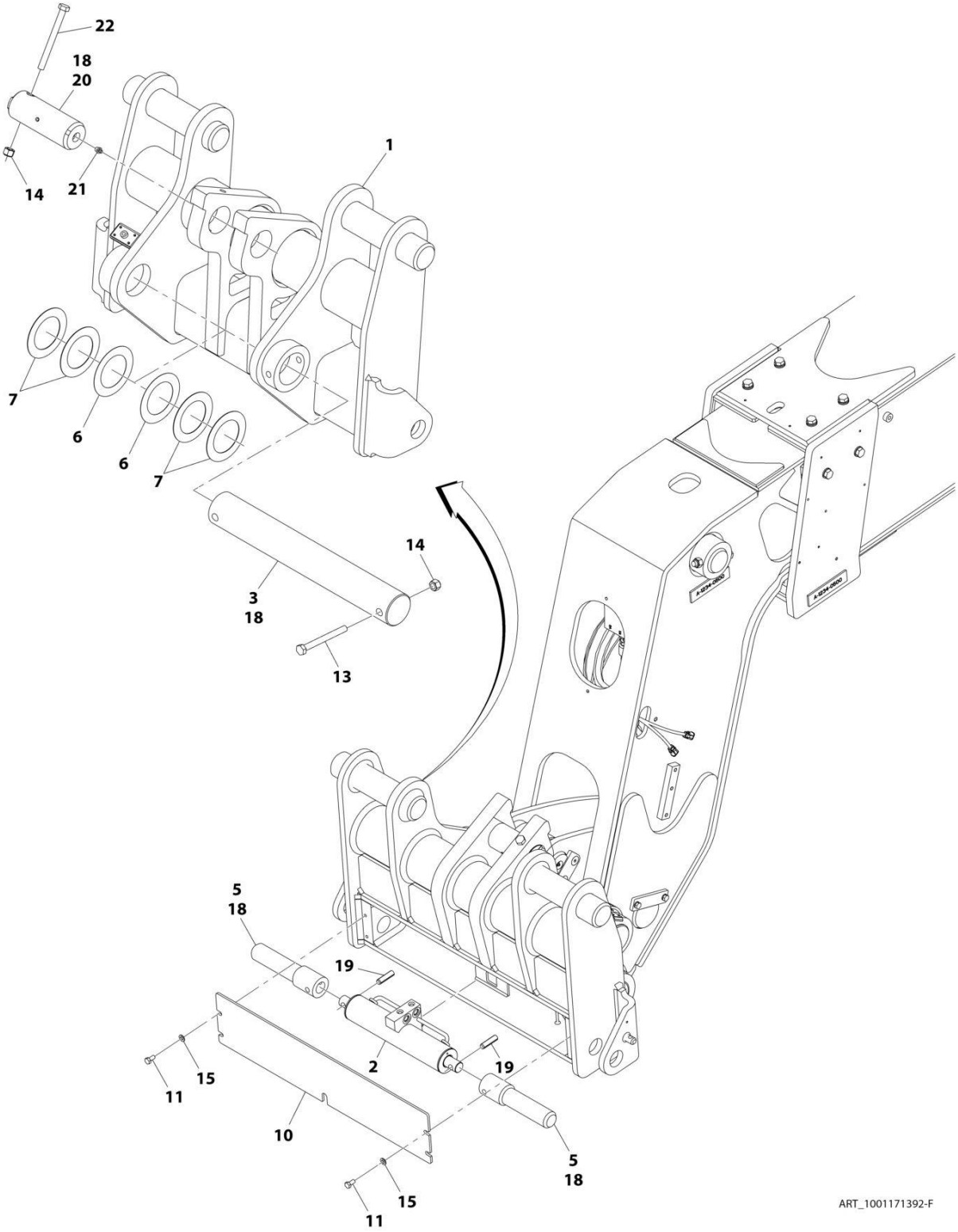


FIGURE 2-13. HYDRAULIC QUICK COUPLER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171392	Ref	Hydraulic Quick Coupler Installation	F
1	1001189099	1	Carriage	
2	1001114787	1	Assembly, Coupler Locking Cylinder (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
3	1001172886	1	Pin	
5	1001170984	2	Rod, Locking	
6	1001098146	AR	Shim, M72X110X0.5	
7	1001098147	AR	Shim, M72X110X1.0	
10	1001171390	1	Plate	
11	0760808	4	Bolt, M8X16	
13	0701229	1	Bolt, M12X120	
14	3291205	2	Nut, Lock M12X1.75 Grade 8	
15	4811900	4	Washer, M8	
18	1001098457	AR	Lube, Lithium Grease	
19	1001184610	2	Pin	
20	1001197479	1	Pin	
21	2160016	1	Fitting, Grease	
22	0701232	1	Bolt, M12X150	

FIGURE 2-14. MANUAL QUICK COUPLER INSTALLATION

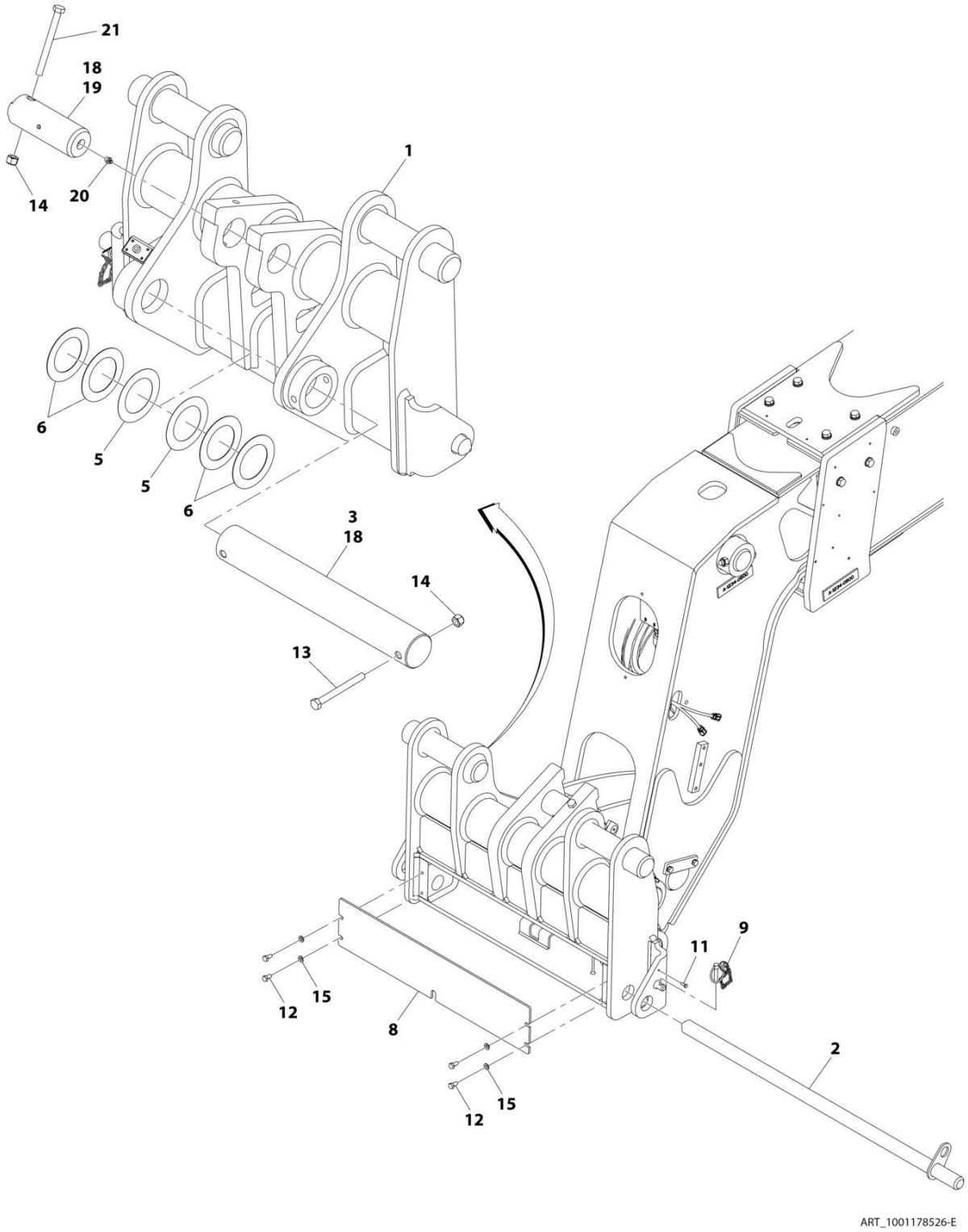


FIGURE 2-14. MANUAL QUICK COUPLER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178526	Ref	Manual Quick Coupler Installation	E
1	1001189099	1	Carriage	
2	1001162636	1	Pin	
3	1001172886	1	Pin	
5	1001098146	AR	Shim, M72X110X0.5	
6	1001098147	AR	Shim, M72X110X1.0	
8	1001171390	1	Plate	
9	1001149923	1	Chain, Retaining Pin	
11	0760507	1	Bolt, M5X14	
12	0760808	4	Bolt, M8X16	
13	0701229	1	Bolt, M12X120	
14	3291205	2	Nut, Lock M12X1.75 Grade 8	
15	4811900	4	Washer, M8	
18	1001098457	AR	Lube, Lithium Grease	
19	1001197479	1	Pin	
20	2160016	1	Fitting, Grease	
21	0701232	1	Bolt, M12X150	

SECTION 3 - ATTACHMENTS

FIGURE 3-1. AUGER COUPLING

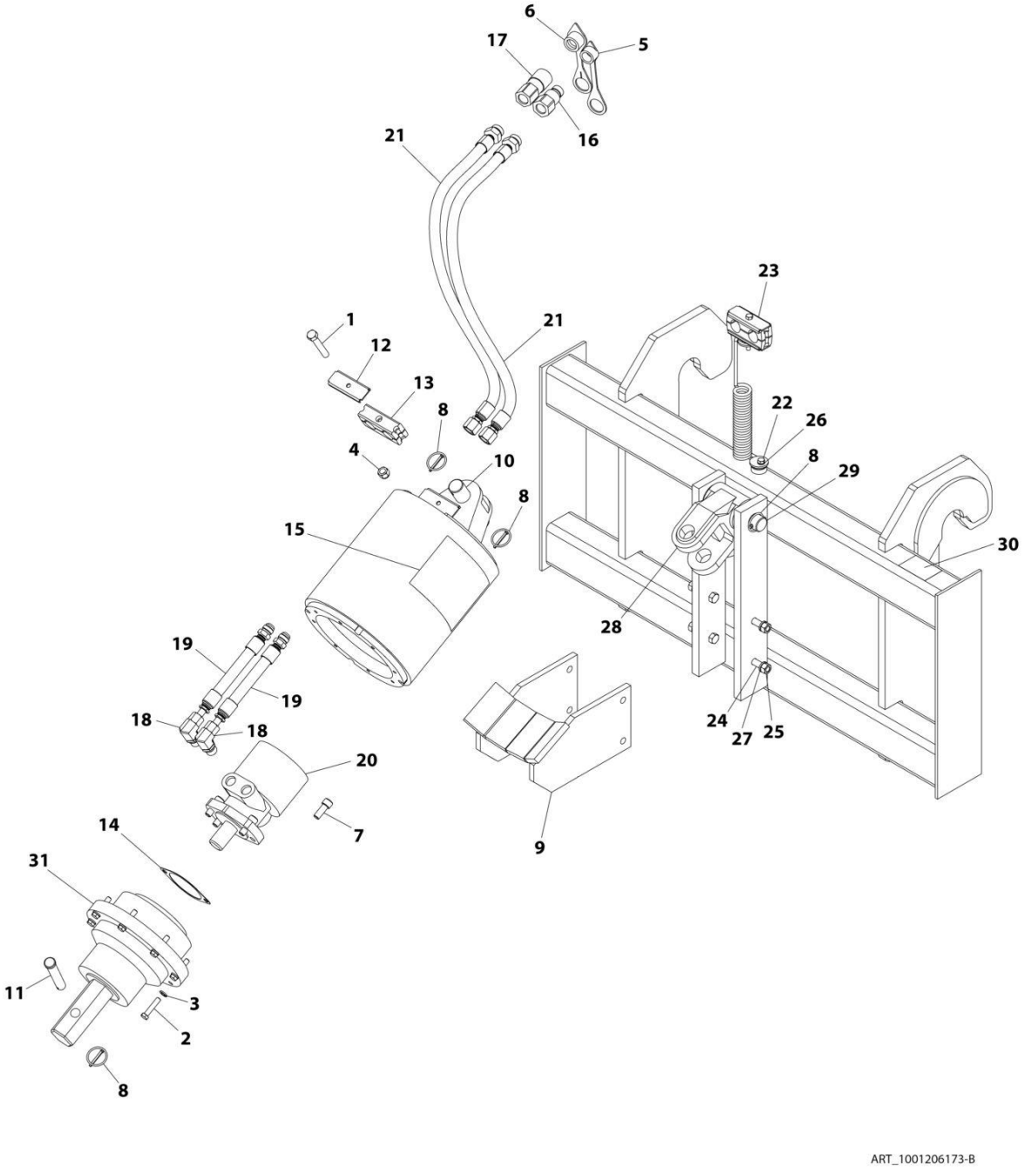
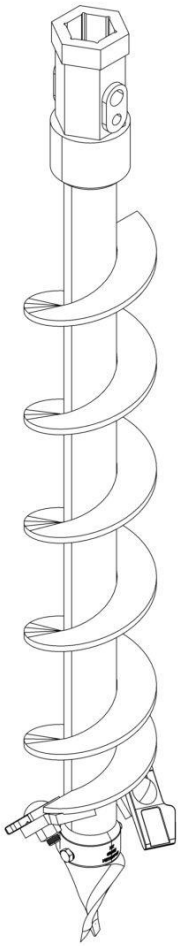


FIGURE 3-1. AUGER COUPLING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206173	1	Auger (Coupler Mounted)	E
1	90554070	1	Bolt	
2	70027774	8	Bolt	
3	90554042	8	Washer, Lock	
4	70027775	1	Nut, Lock	
5	1001093826	1	Cap, Male Dust	
6	1001093827	1	Cap, Female Dust	
7	70027776	4	Bolt	
8	70027777	5	Pin	
9	70027778	1	Bracket, Cradle	
10	70027781	1	Pin	
11	70027782	1	Pin	
12	70027783	1	Plate, Hose Cushion	
13	70027784	1	Block, Hose Cushion	
14	70027785	1	Gasket, Motor	
15	70027787	2	Decal, Danger	
16	1001101041	1	Coupler, Male Hydraulic	
17	1001101042	1	Coupler, Female Hydraulic	
18	70027788	2	Fitting	
19	70027789	2	Hose	
20	70027791	1	Motor	
21	70027794	2	Hose	
22	70027773	1	Bolt	
23	70027792	1	Clamp, Hose	
24	90554019	4	Bolt	
25	90554054	4	Nut	
26	90554067	1	Washer, Lock	
27	90554020	4	Washer, Lock	
28	70027779	1	Swivel	
29	70027780	1	Pin	
30	70027786	1	Decal, Warning	
31	70027793	1	Gearbox, Planetary	
101	N.S.S.	1	Plate, Serial Number	

FIGURE 3-2. AUGER BIT (6INX4IN)

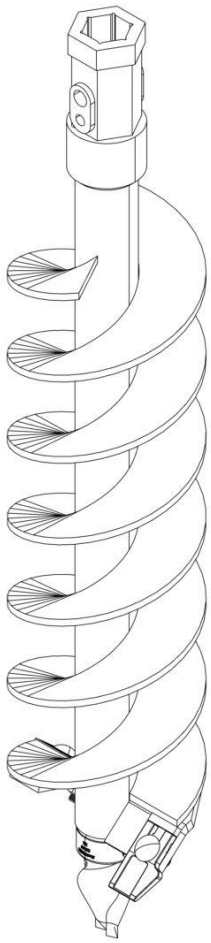


ART_1001204128-B

FIGURE 3-2. AUGER BIT (6INX4IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204128	Ref	Auger Bit (6INX4IN)	B

FIGURE 3-3. AUGER BIT (9INX4IN)

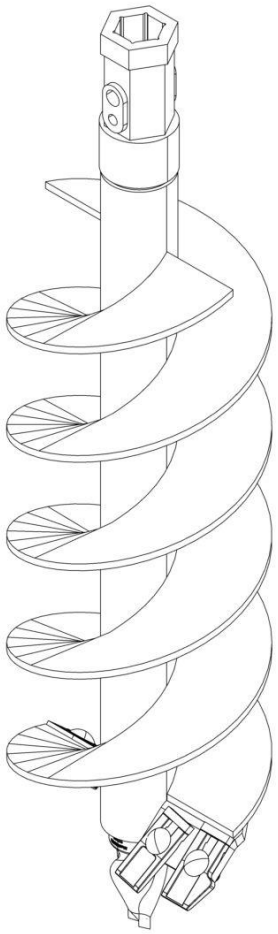


ART_1001204129-B

FIGURE 3-3. AUGER BIT (9INX4IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204129	Ref	Auger Bit (9INX4IN)	B

FIGURE 3-4. AUGER BIT (12INX4IN)

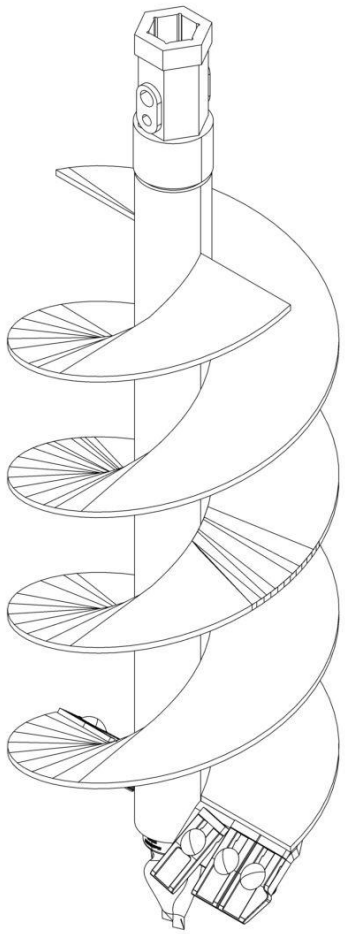


ART_1001204130-B

FIGURE 3-4. AUGER BIT (12INX4IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204130	Ref	Auger Bit (12INX4IN)	B

FIGURE 3-5. AUGER BIT (15INX4IN)

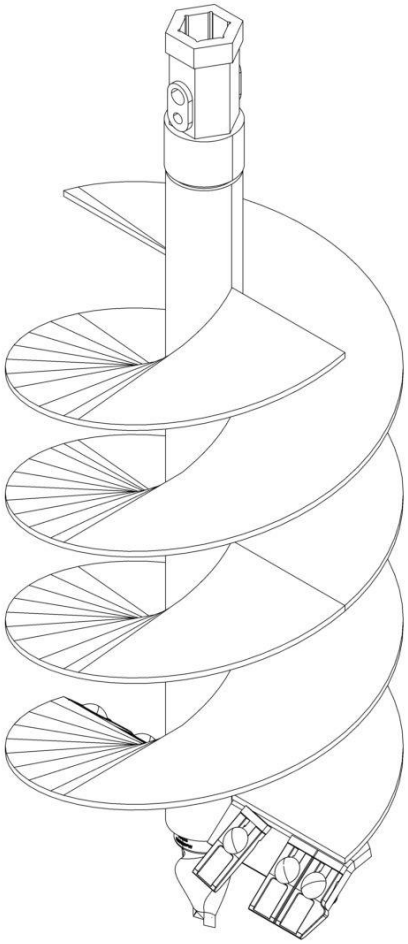


ART_1001204131-B

FIGURE 3-5. AUGER BIT (15INX4IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204131	Ref	Auger Bit (15INX4IN)	B

FIGURE 3-6. AUGER BIT (18INX4IN)

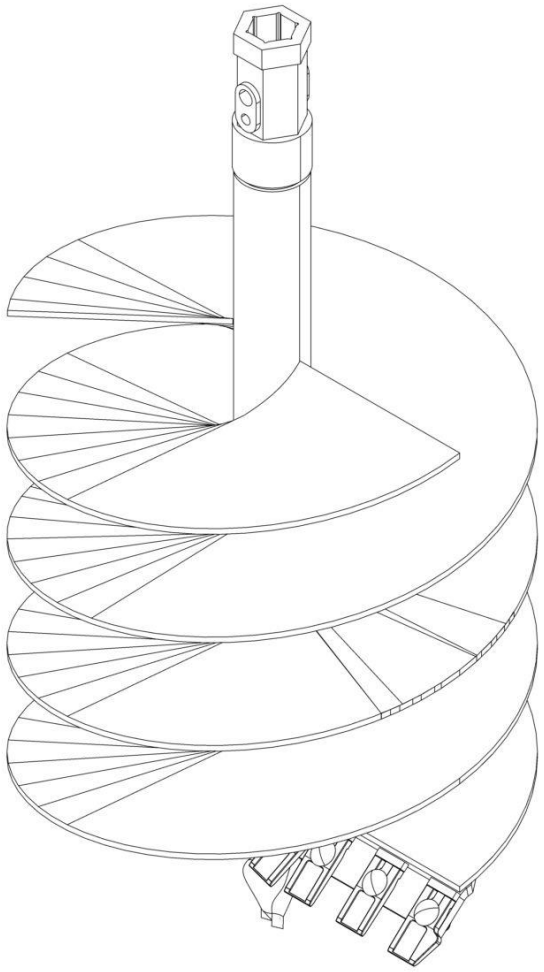


ART_1001204132-B

FIGURE 3-6. AUGER BIT (18INX4IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204132	Ref	Auger Bit (18INX4IN)	B

FIGURE 3-7. AUGER BIT (24INX4IN)

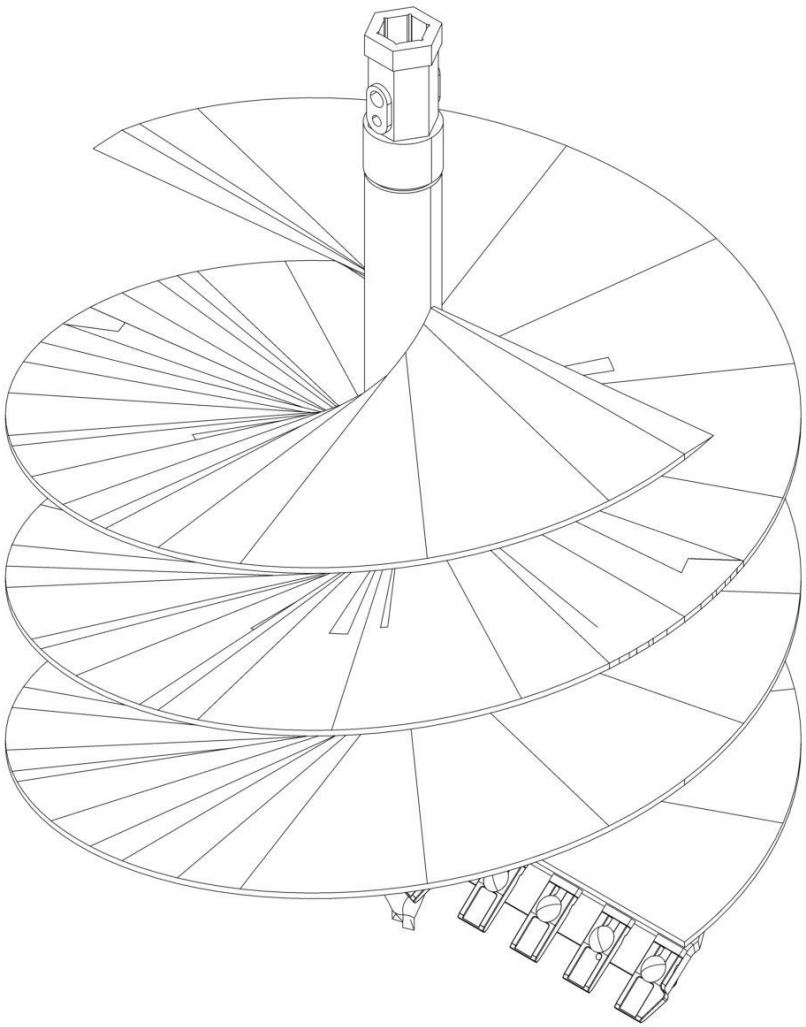


ART_1001204133-B

FIGURE 3-7. AUGER BIT (24INX4IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204133	Ref	Auger Bit (24INX4IN)	B

FIGURE 3-8. AUGER BIT (36INX4IN)



ART_1001204134-B

FIGURE 3-8. AUGER BIT (36INX4IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204134	Ref	Auger Bit (36INX4IN)	B

FIGURE 3-9. BALE HANDLER (TUBE CLAMP)

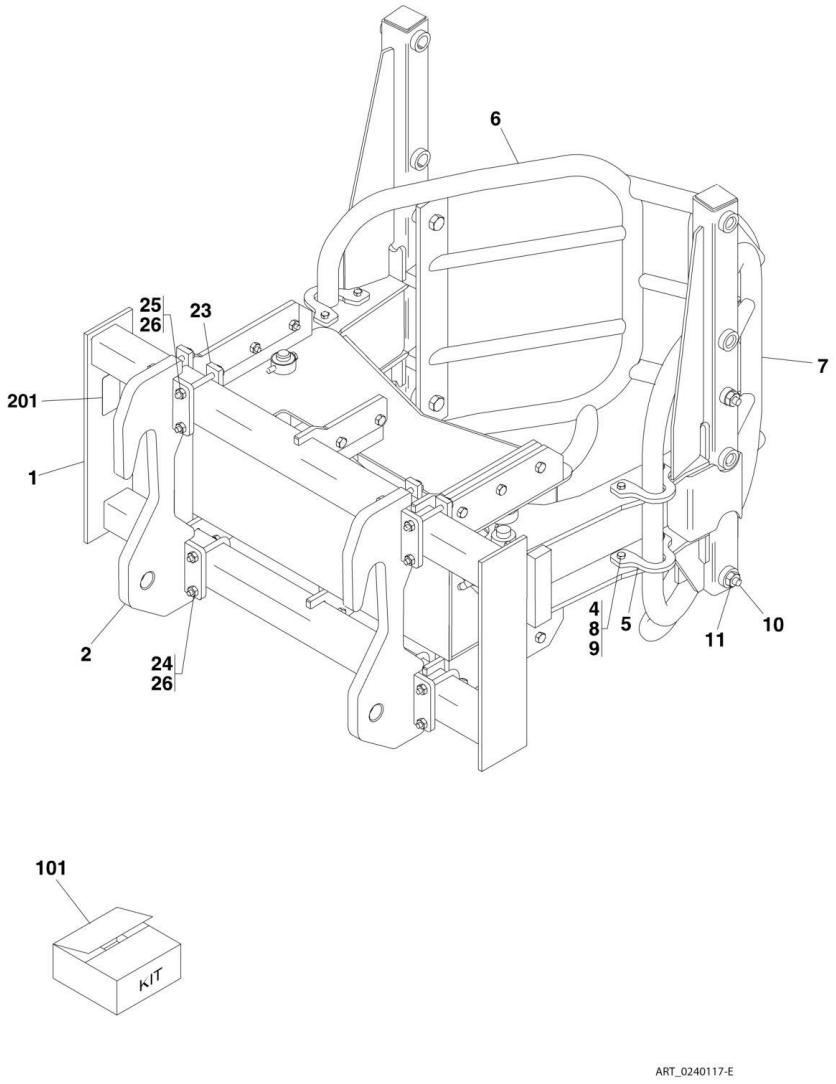


FIGURE 3-9. BALE HANDLER (TUBE CLAMP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0240117	1	Bale Handler (Tube Clamp)	E
1	N.S.S.	1	Weldment	
2	7029344	1	Weldment, Attach (includes items 23 thru 26)	
4	7029345	8	Bolt, M12X45	
5	7029346	4	Strap	
6	7029347	1	Arm, Left Tube	
7	7029348	1	Arm, Right Tube	
8	7029349	8	Washer, M12	
9	7029350	8	Locknut, M12X8	
10	7029351	4	Bolt, M22X180	
11	7029352	4	Locknut, M22X8	
23	7029353	4	Plate	
24	7029354	4	U-Bolt	
25	7029355	8	Bolt, M16X130	
26	7029356	16	Locknut, M16X8	
101	2902440	1	Kit, Bale Handler (Spikes to Tube) (CE & AUS) (includes items 4 thru 11) (See Separate Breakdown in this Section)	
201	N.S.S.	AR	SN Plate	

FIGURE 3-10. BALE HANDLER KIT (TUBE CLAMP)

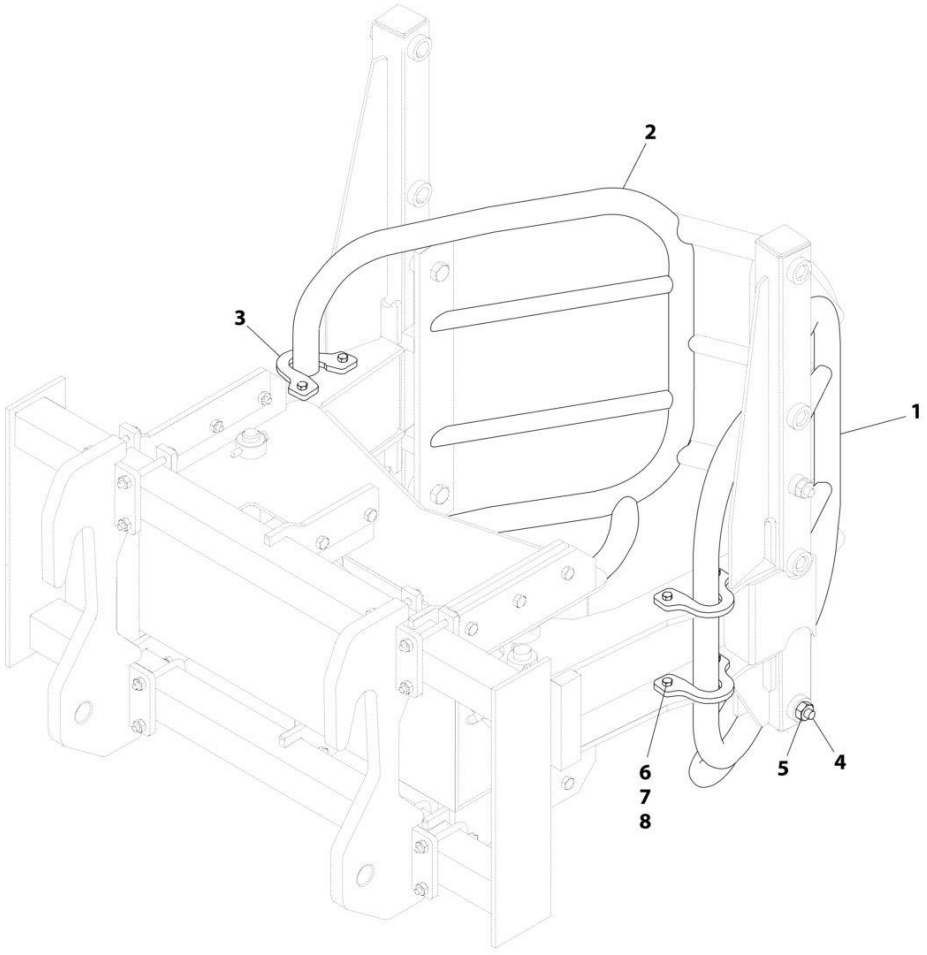


FIGURE 3-10. BALE HANDLER KIT (TUBE CLAMP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2902440	Ref	Bale Handler Kit (Spikes to Tube)	A
1	7029348	1	Bent Arm, Right	
2	7029347	1	Bent Arm, Left	
3	7029346	4	Strap	
4	7029351	4	Bolt, M22X180-8.8	
5	7029352	4	Locknut, M22-8	
6	7029345	8	Bolt, M12X45-8.8	
7	7029350	8	Locknut, M12-8	
8	7029349	8	Washer, M12	

FIGURE 3-11. BALE HANDLER (SPIKE CLAMP)

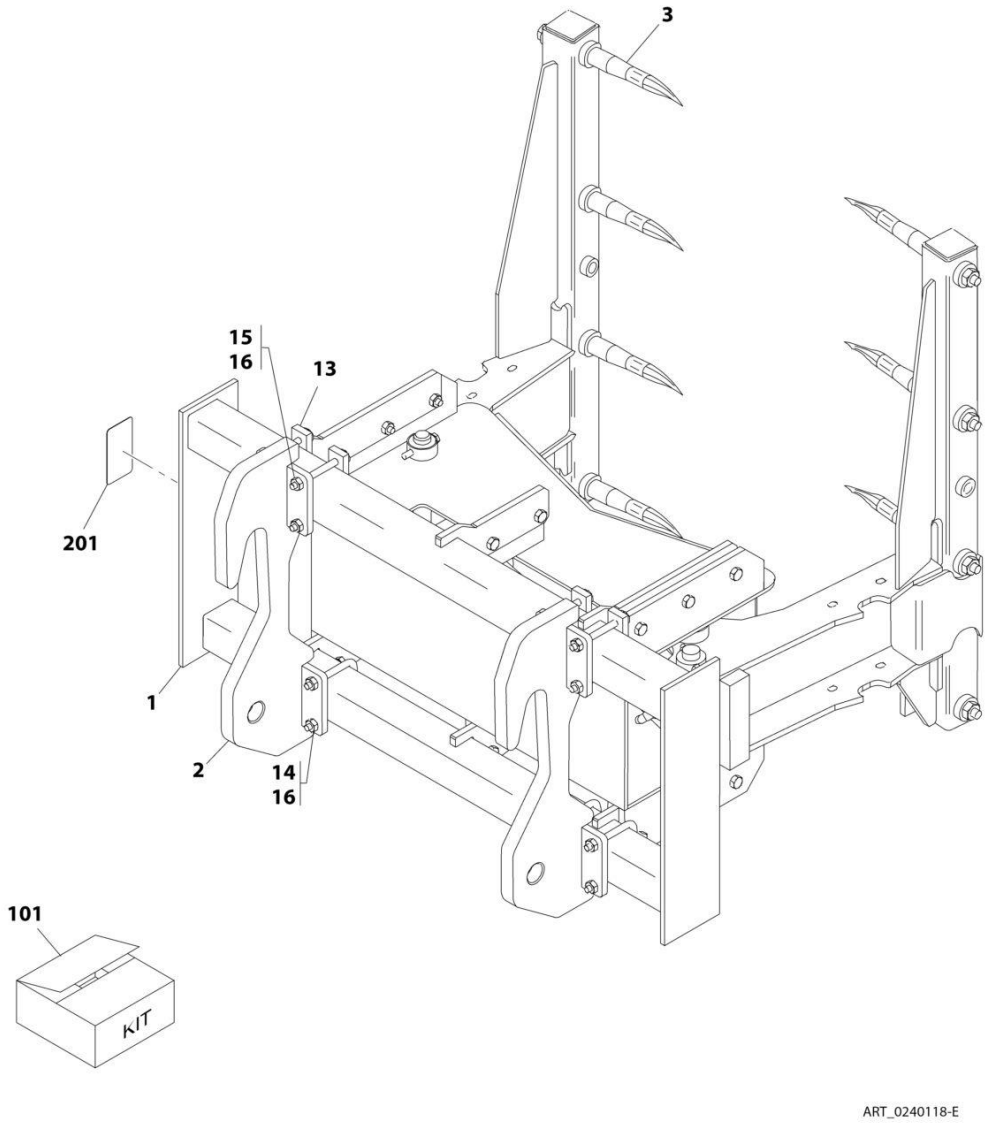


FIGURE 3-11. BALE HANDLER (SPIKE CLAMP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0240118	1	Bale Handler (Spike Clamp)	E
1	N.S.S.	1	Weldment	
2	7029344	1	Weldment, Attach (includes items 13 thru 16)	
3	7029357	8	Spike	
13	7029353	4	Plate	
14	7029354	4	U-Bolt	
15	7029355	8	Bolt, M16X130	
16	7029356	16	Locknut, M16X8	
101	2902441	1	Kit, Bale Handler Kit (Spikes) (CE & AUS) (includes item 3) (See Separate Breakdown in this Section)	
201	N.S.S.	AR	SN Plate	

FIGURE 3-12. BALE HANDLER KIT (SPIKE CLAMP)

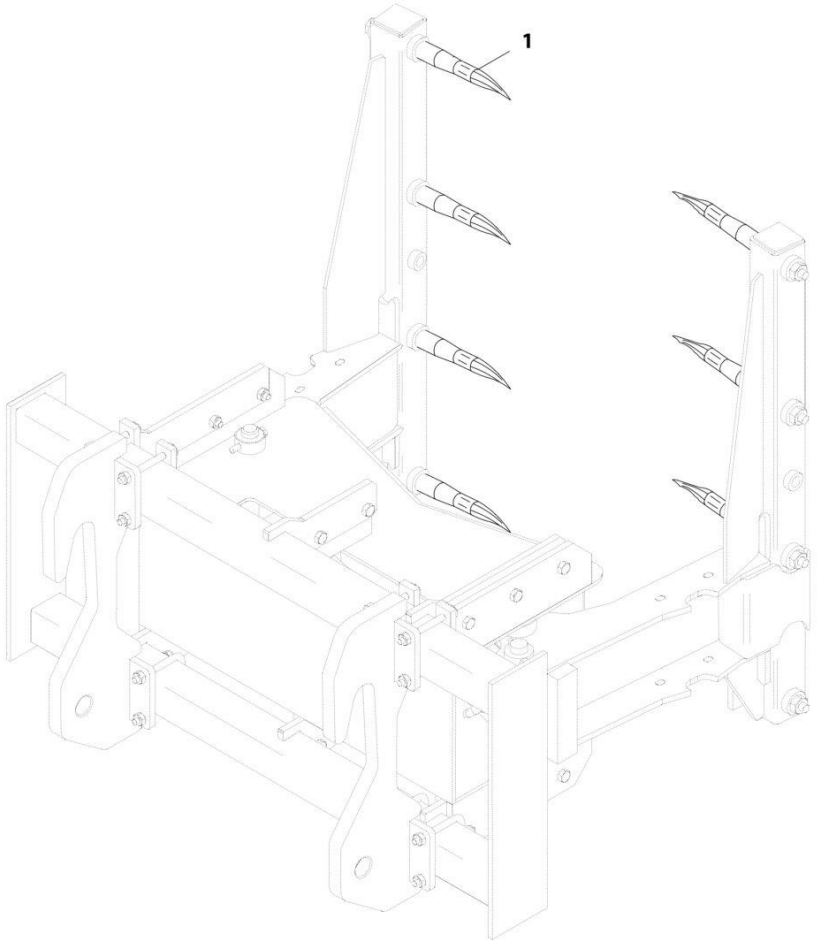


FIGURE 3-12. BALE HANDLER KIT (SPIKE CLAMP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2902441	1	Bale Handler Kit (Spikes)	A
1	Kit	1	Kit	

FIGURE 3-13. BASKET PERSONNEL (1.2MX2.4M) (DOMESTIC)

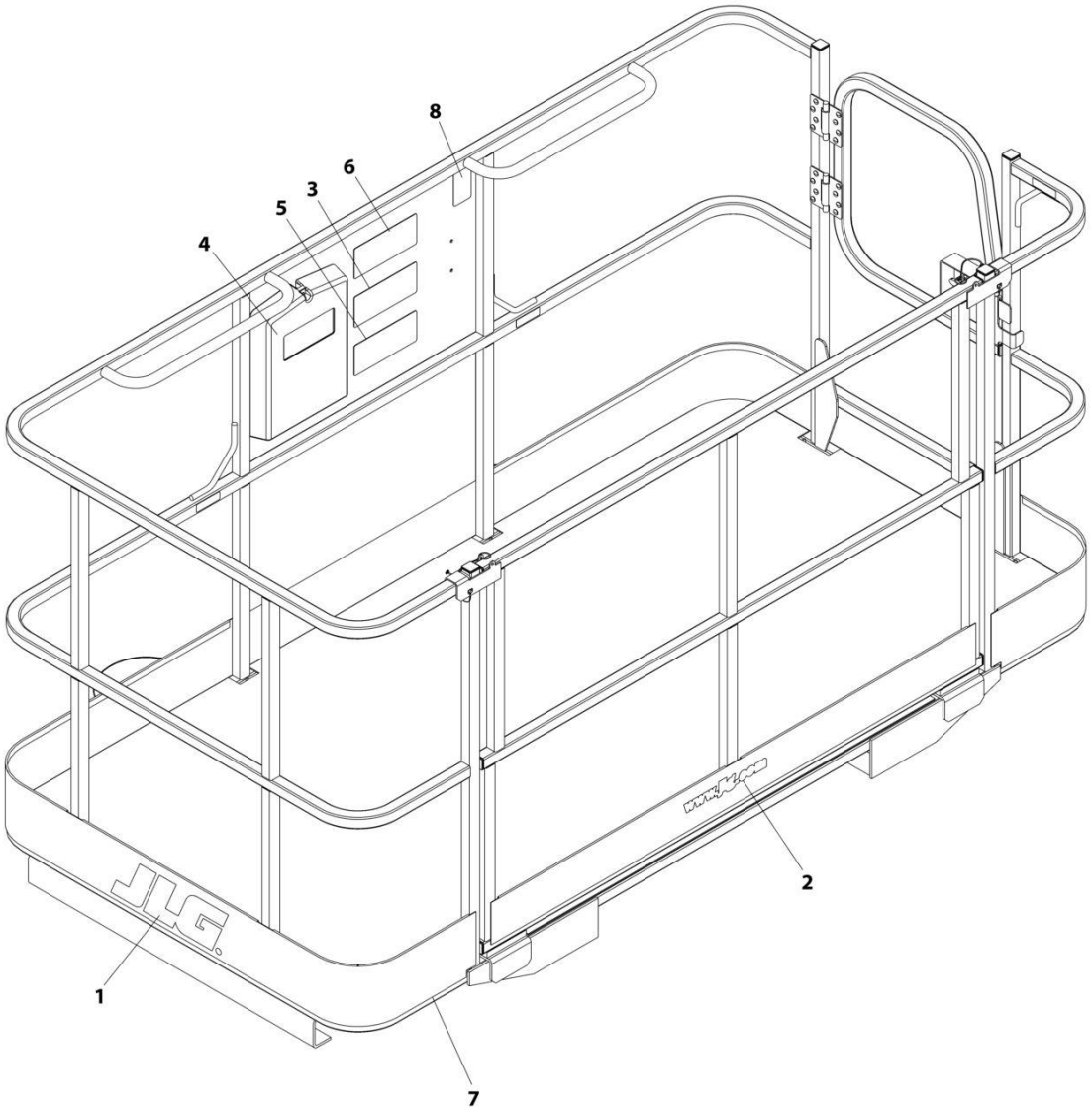


FIGURE 3-13. BASKET PERSONNEL (1.2MX2.4M) (DOMESTIC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238653	Ref	FORK MOUNTED PLATFORM	B
1	1702773	2	Decal, JLG	
2	1704885	1	Decal, Website	
3	1706892	1	Decal, Platform Warning	
4	31200160	1	Manual, Personnel Work Platform Operation and Safety	
5	1001092481	1	Decal, Warning Attachment	
6	1001092482	1	Decal, Platform Capacity	
7	1001238565	1	Platform, Fork Mounted (See Separate Breakdown in this Section)	
8	See Note	NSS	SN Plate (Note: Stamped Part - Not Available for Purchase)	

FIGURE 3-14. BASKET PERSONNEL (1.2MX2.4M) (FRENCH LANGUAGE)

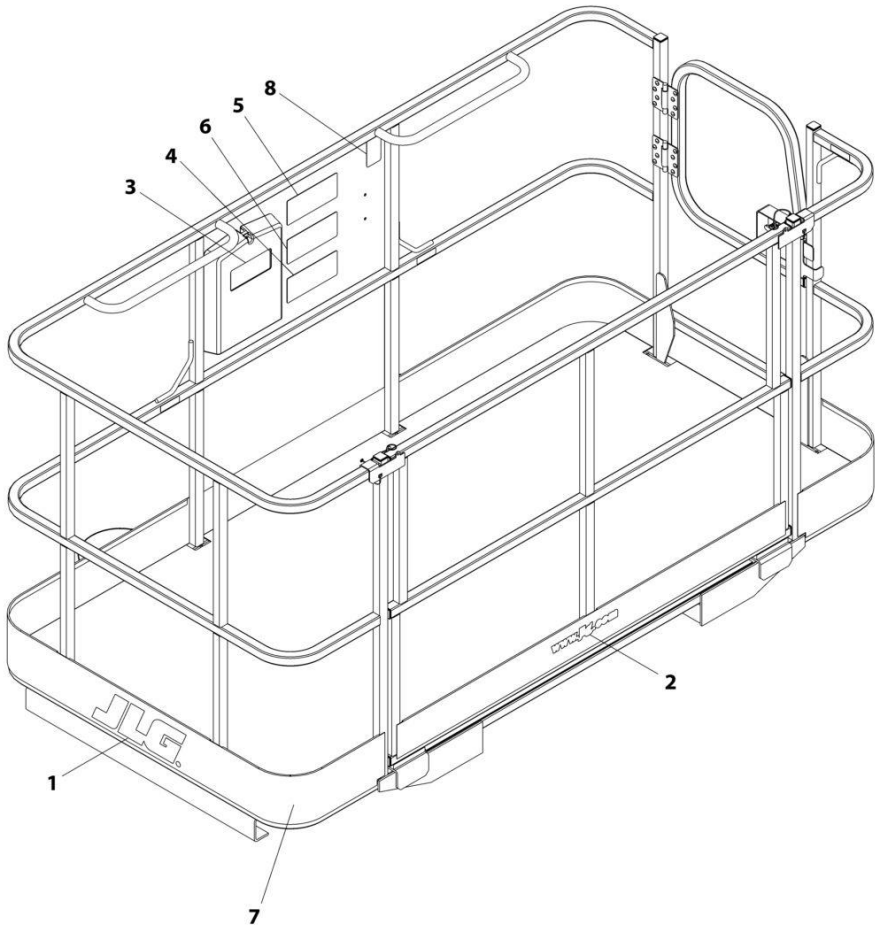


FIGURE 3-14. BASKET PERSONNEL (1.2MX2.4M) (FRENCH LANGUAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238655	Ref	BASKET, PERSONNEL	B
1	1702773	2	Decal, JLG	
2	1704885	1	Decal, Website	
3	31200386	1	Manual, Operation and Safety (French)	
4	1001096019	1	Decal, Warning Attachment (French)	
5	1001096020	1	Decal, Platform Capacity (French)	
6	1001096024	1	Decal, Platform Warning (French)	
7	1001238565	1	Platform, Fork Mounted (ANSI) (See Separate Breakdown in this Section)	
8	See Note	NSS	SN Plate (Note: Stamped Part - Not Available for Purchase)	

FIGURE 3-15. BASKET PERSONNEL (FORK MOUNTED)

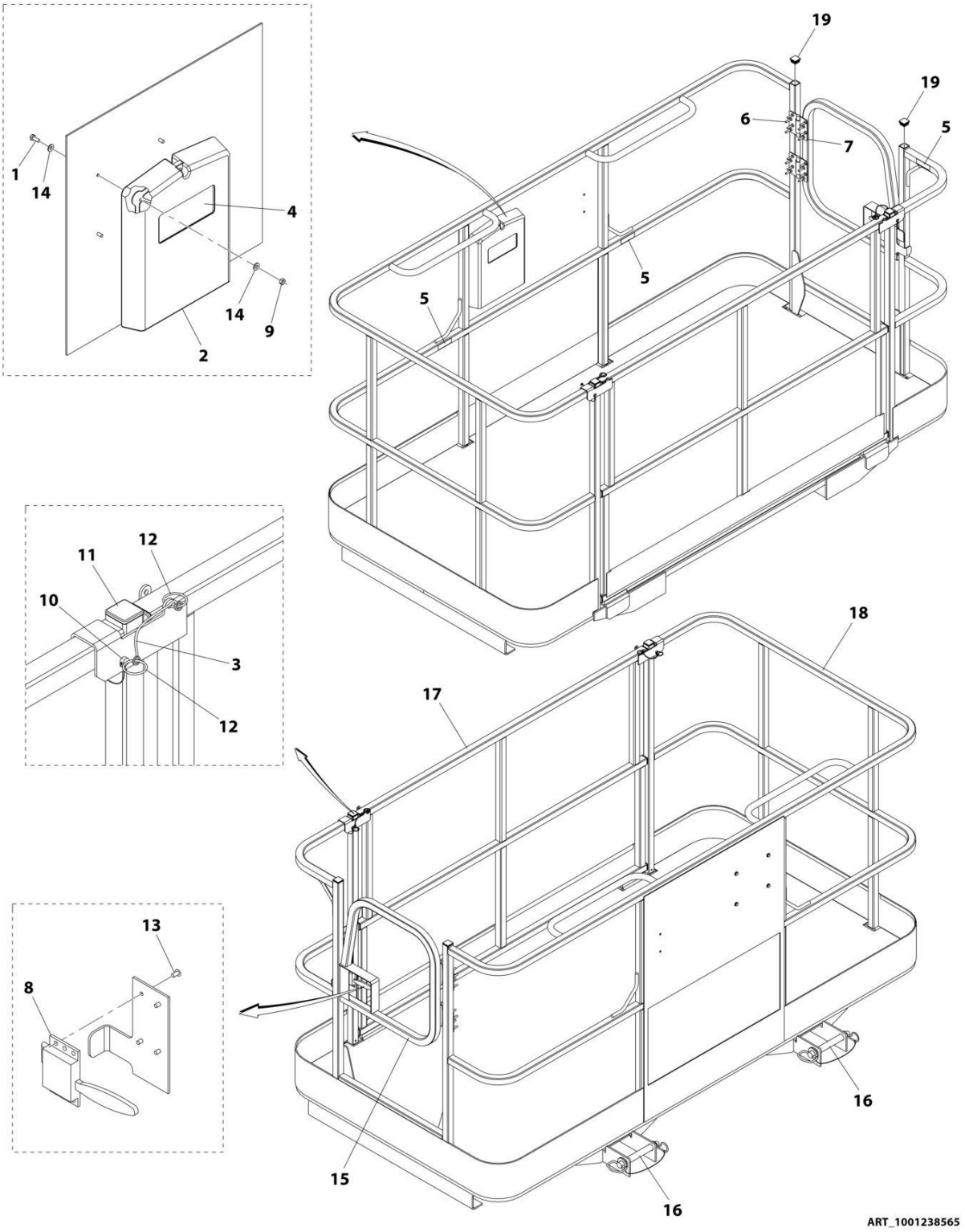


FIGURE 3-15. BASKET PERSONNEL (FORK MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238565	Ref	FORK MOUNTED PLATFORM ASSEMBLY	F
1	0641405	4	Bolt 1/4 x 5/8	
2	0860520	1	Box, Manual Storage	
3	1060379	2	Cable, Lanyard	
4	1701509	1	Decal, Manual	
5	1704277	3	Decal, Lanyard Attach	
6	2080040	16	Fastener	
7	2600281	2	Hinge	
8	2940074	1	Latch	
9	3311405	4	Nut 1/4	
10	3421453	2	Pin	
11	3520072	7	Plug	
12	3760170	4	Ring	
13	3820020	4	Rivet	
14	4711400	8	Washer 1/4	
15	1001144629J	1	Gate	
16	1001238560	2	Pin, Hitch	
17	1001095810	1	Gate	
18	See Note	NSS	Platform, Fork Mounted	
19	3520198	4	Plug	

FIGURE 3-16. BUCKET (CONCRETE)

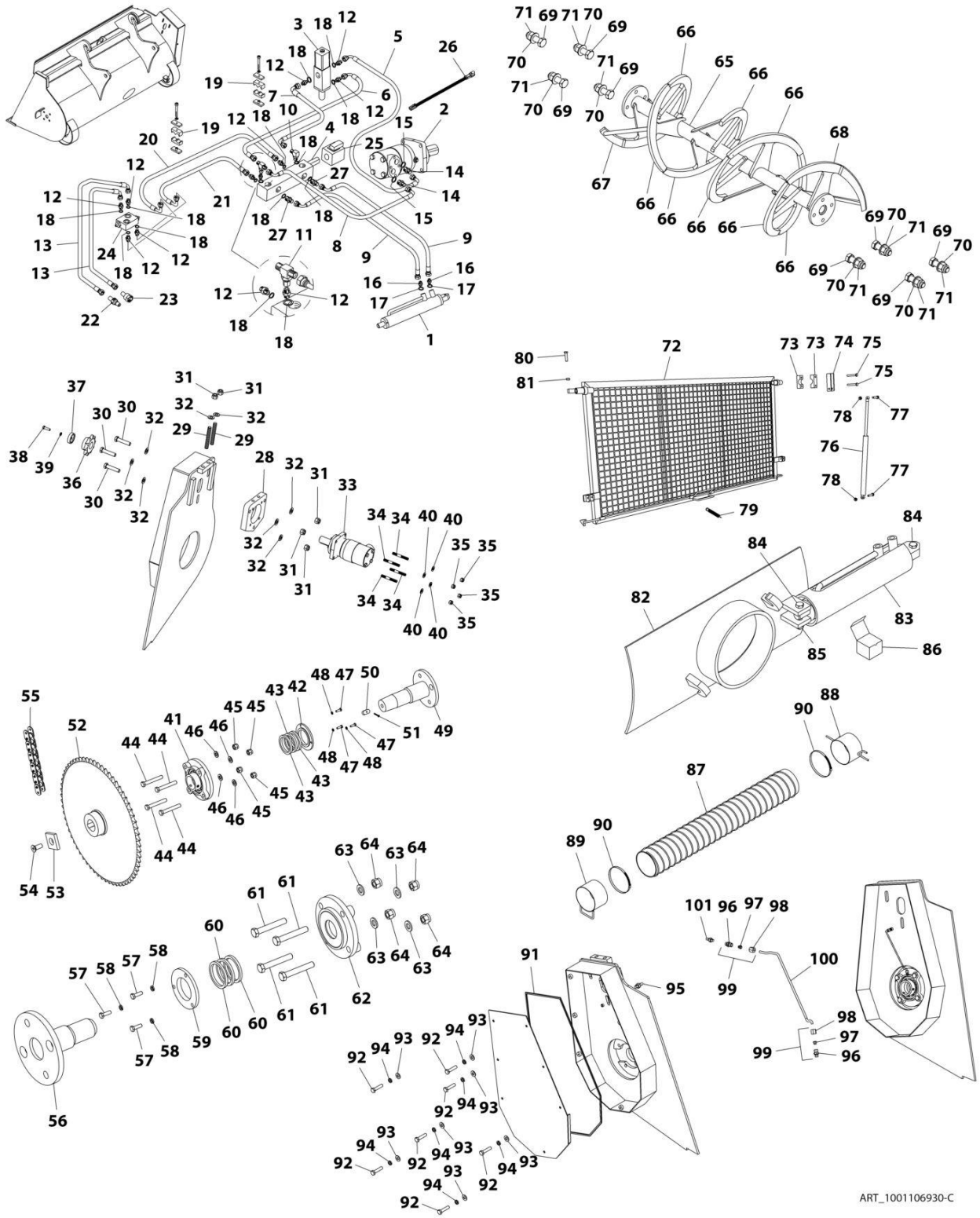


FIGURE 3-16. BUCKET (CONCRETE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001106930	1	Concrete Bucket	E
1	70024436	1	Cylinder, Concrete Bucket	
2	70024437	1	Engine, Hydraulic	
3	70024438	1	Valve, Flow Divisor	
4	70024439	1	Valve, Solenoid	
5	70024440	1	Pipe	
6	70024441	1	Pipe	
7	70024442	1	Pipe	
8	70024443	1	Pipe	
9	70024444	2	Pipe	
10	70024445	1	Fitting, 90	
11	70024446	1	Fitting, Tee	
12	70024447	10	Fitting, Straight	
13	70024448	2	Pipe	
14	70024449	2	Fitting, Straight	
15	70024450	2	Gasket	
16	1001104958	2	Fitting, Straight	
17	1001103531	2	Gasket	
18	70022927	2	Gasket	
19	70024452	2	Clamp	
20	70024453	1	Pipe	
21	70024454	1	Pipe	
22	1001101041	1	Coupling, Male Quick Disconnect	
23	1001101042	1	Coupling, Female Quick Disconnect	
24	70027990	1	Valve	
25	70024455	1	Coil	
26	70024456	1	Electric Cable	
27	70027991	2	Fitting, Straight	
28	70027992	1	Regulation plate	
29	70027993	2	Stud	
30	70027994	3	Bolt	
31	70027995	5	Nut, Self Locking	
32	70020728	8	Washer	
33	70024437	1	Hydraulic Engine	
34	70027996	4	Stud	
35	70027997	4	Nut, Self Locking	
36	70027998	1	Pinion	
37	70027999	1	Pinion cover	
38	70028000	1	Bolt	
39	70028001	1	Grower	
40	70028002	4	Washer	
41	70028003	1	Support Flange bearing	
42	70028004	1	Cover seal press	
43	70028005	3	Rope Fat	
44	70020724	4	Bolt	
45	70020726	4	Nut, Self Locking	
46	70020725	4	Washer	
47	70028006	3	Bolt	
48	70028007	3	Grower	
49	70028008	1	Pin	

SECTION 3 - ATTACHMENTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	70028009	1	Tab	
51	70028010	1	Bolt	
52	70028011	1	Koruna Wheels	
53	70028012	1	Fixing Koruna Wheels	
54	70028013	1	Bolt	
55	70028014	1	Track	
56	70028015	1	Pin	
57	70028006	3	Bolt	
58	70028007	3	Grower	
59	70028016	1	Cover seal press	
60	70028017	3	Rope Fat	
61	70028018	4	Bolt	
62	70028019	1	Support flange bearing	
63	70028002	4	Washer	
64	70027997	4	Nut, Self Locking	
65	70028020	1	Helical mixer only carpentry	
66	70028021	8	Central Sector	
67	70028022	1	Left Sector	
68	70028023	1	Right Sector	
69	70028024	8	Bolt	
70	70020728	8	Washer	
71	70027995	8	Nut, Self Locking	
72	70028025	1	Grid only carpentry	
73	70028026	4	Clamp heavy	
74	70028027	2	Pull nitrogen absorber	
75	70028028	4	Bolt	
76	70028029	2	Nitrogen absorber	
77	70028030	4	Bolt	
78	1001103201	4	Nut, Self Locking	
79	70028031	1	Return spring	
80	70028032	1	Bolt	
81	70028033	1	Nut	
82	70028034	1	Sliding door only carpentry	
83	70024436	1	Cylinder	
84	70028035	2	Bolt	
85	1001103201	2	Nut, Self Locking	
86	70028036	1	Gasket Kit	
87	70028037	1	Dump tube	
88	70028038	1	Tube with clevis door blocking	
89	70028039	1	Tube with clevis move	
90	70028040	2	Hose Clamp	
91	70028041	1	Gasket carter	
92	70028042	7	Bolt	
93	70028087	7	Washer	
94	70028007	7	Grower	
95	70021242	1	Greaser	
96	70028043	2	Link	
97	70028044	2	Sleeve	
98	70028046	2	Nut	
99	70028045	2	Link, sleeve, nut	
100	70028047	1	Pipe	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	70021242	1	Greaser	

FIGURE 3-17. BUCKET (DIRT)

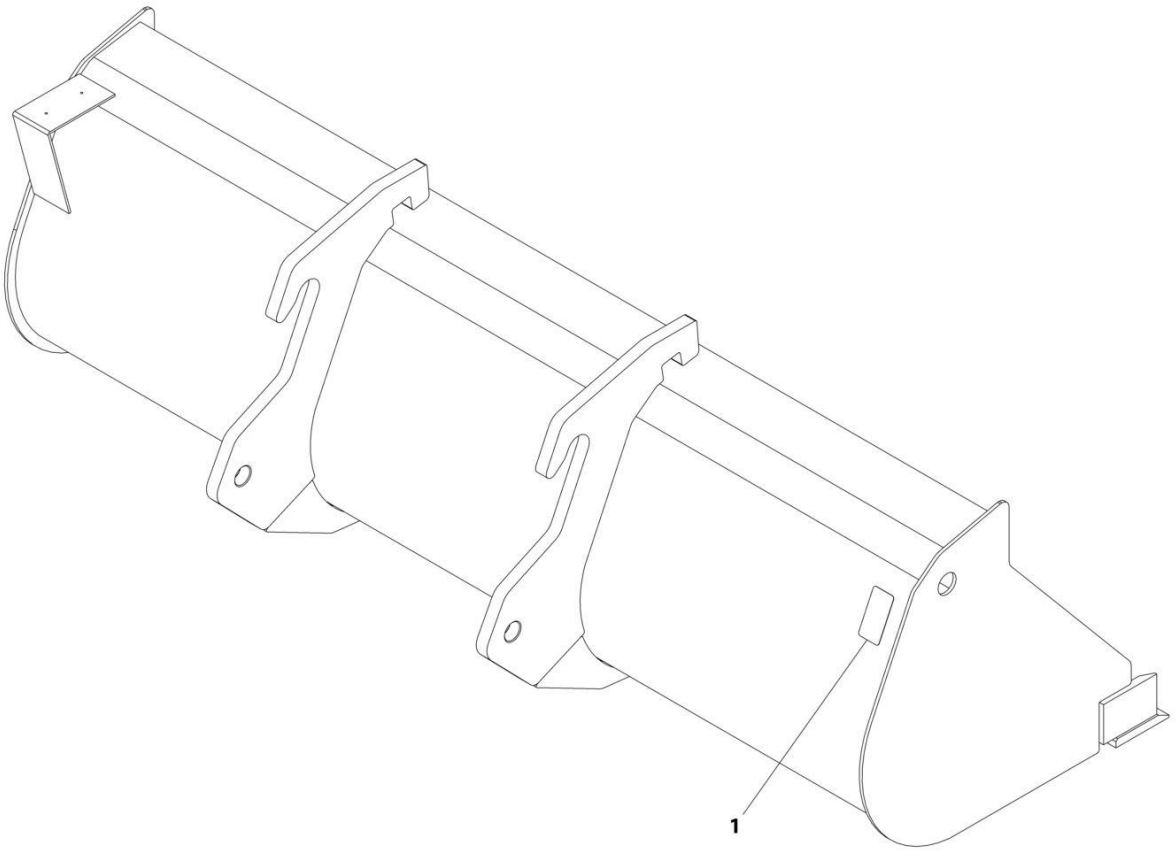


FIGURE 3-17. BUCKET (DIRT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197945	1	Dig Bucket (1.0 m^3)	D
1	N.S.S.	1	Plate, Serial Number	

FIGURE 3-18. BUCKET (GRAPPLE MULTI-PURPOSE)

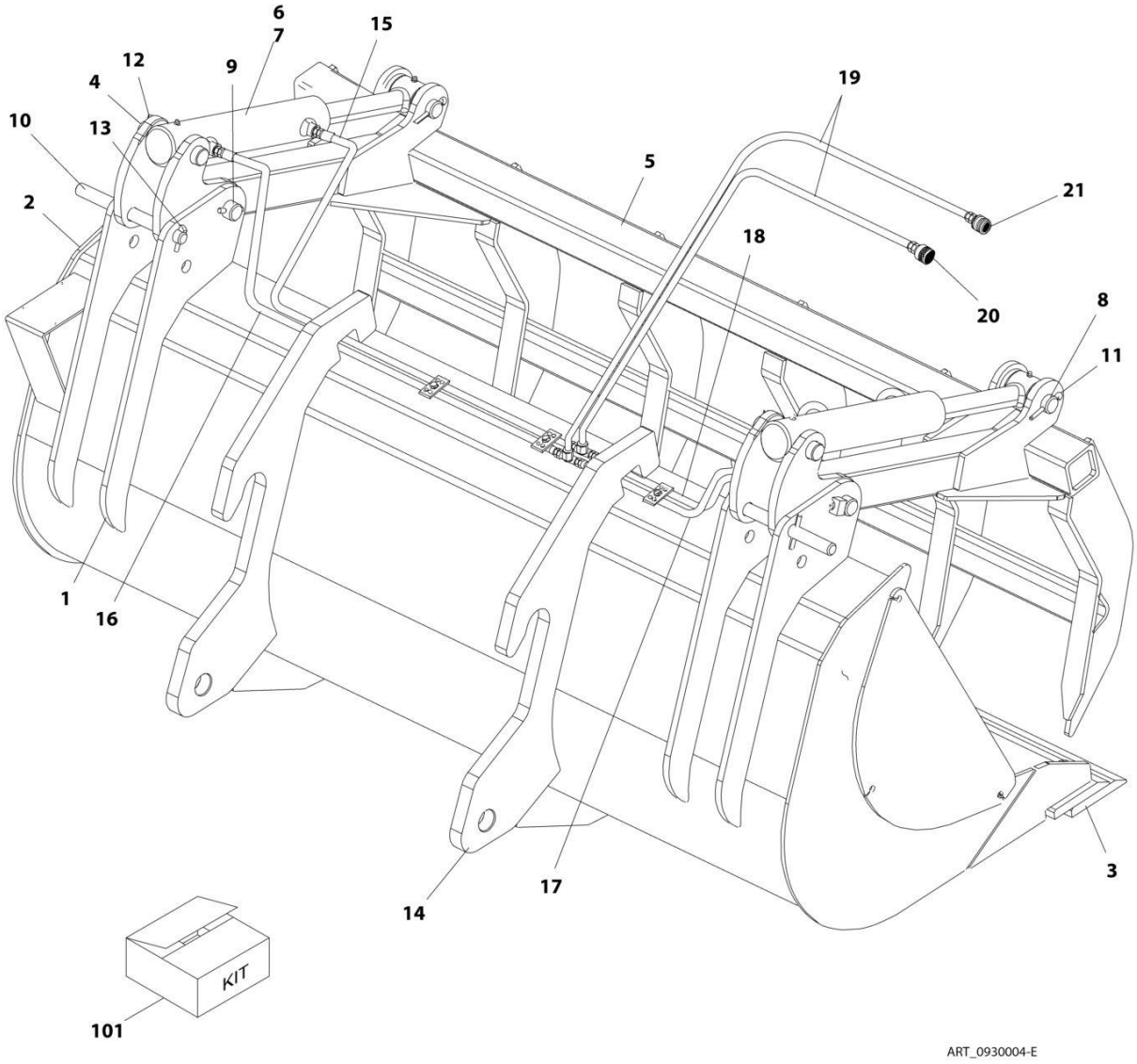


FIGURE 3-18. BUCKET (GRAPPLE MULTI-PURPOSE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0930004	1	Multi-Purpose Grapple Bucket (Wide Grip - 2450 MM) (CE & AUS)	E
1	N.S.S.	1	Weldment	
2	7028133	1	Plate	
3	7028132	1	Assembly, Blade (includes blade and the following hardware)	
	7029356	8	Nut, Lock M16	
	70023484	8	Bolt, M16X60	
4	7028126	2	Bracket	
5	7028125	1	Grapple	
6	7028127	2	Cylinder, Tilt	
	7028910	AR	Kit, Seal	
7	7028131	6	Bushing	
8	7028128	2	Pin	
9	7028129	2	Pin, Locking	
10	7028130	2	Pin	
11	7028135	4	Pin, Roll	
12	7028134	8	Pin, Roll	
13	7029124	2	Circlip	
14	7029749	1	Assembly, Connecting	
15	7028986	1	Hose	
16	7028987	1	Hose	
17	7028988	1	Hose	
18	7028989	1	Hose	
19	7028984	2	Hose	
20	1001094555	1	Coupler, Female	
21	1001094556	1	Coupler, Male	
101	Kit	1	Kit	

FIGURE 3-19. BUCKET (MANURE GRAPPLE)

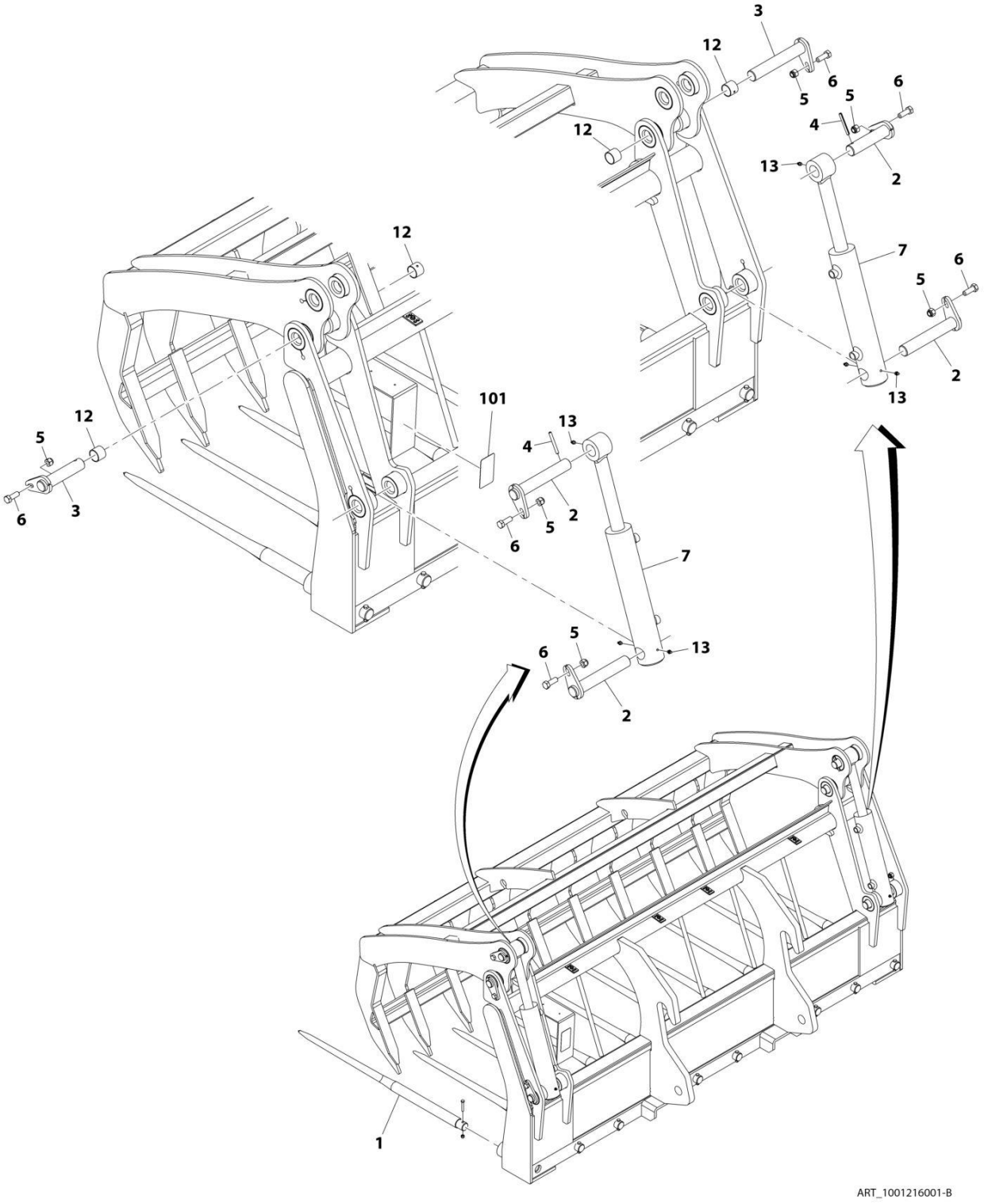


FIGURE 3-19. BUCKET (MANURE GRAPPLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216001	1	Manure Grapple Bucket (2300 MM)	D
1	70027302	10	Right Electro-Forged Fingers	
2	70027294	4	Pin	
3	70027293	2	Pin	
4	70027298	2	Roll Pin	
5	70027296	6	Nut	
6	70027297	6	Screw	
7	7028127	2	Cylinder	
8	70027325	1	Hose (not shown)	
9	7028988	1	Hose (not shown)	
10	70027326	1	Hose (not shown)	
11	7028986	1	Hose (not shown)	
12	7028131	10	Bush	
13	7028918	6	Grease Nipple	
101	N.S.S.	1	Plate, Serial Number	

FIGURE 3-20. BUCKET(0.6M³) (MULTI-PURPOSE 4 IN 1)

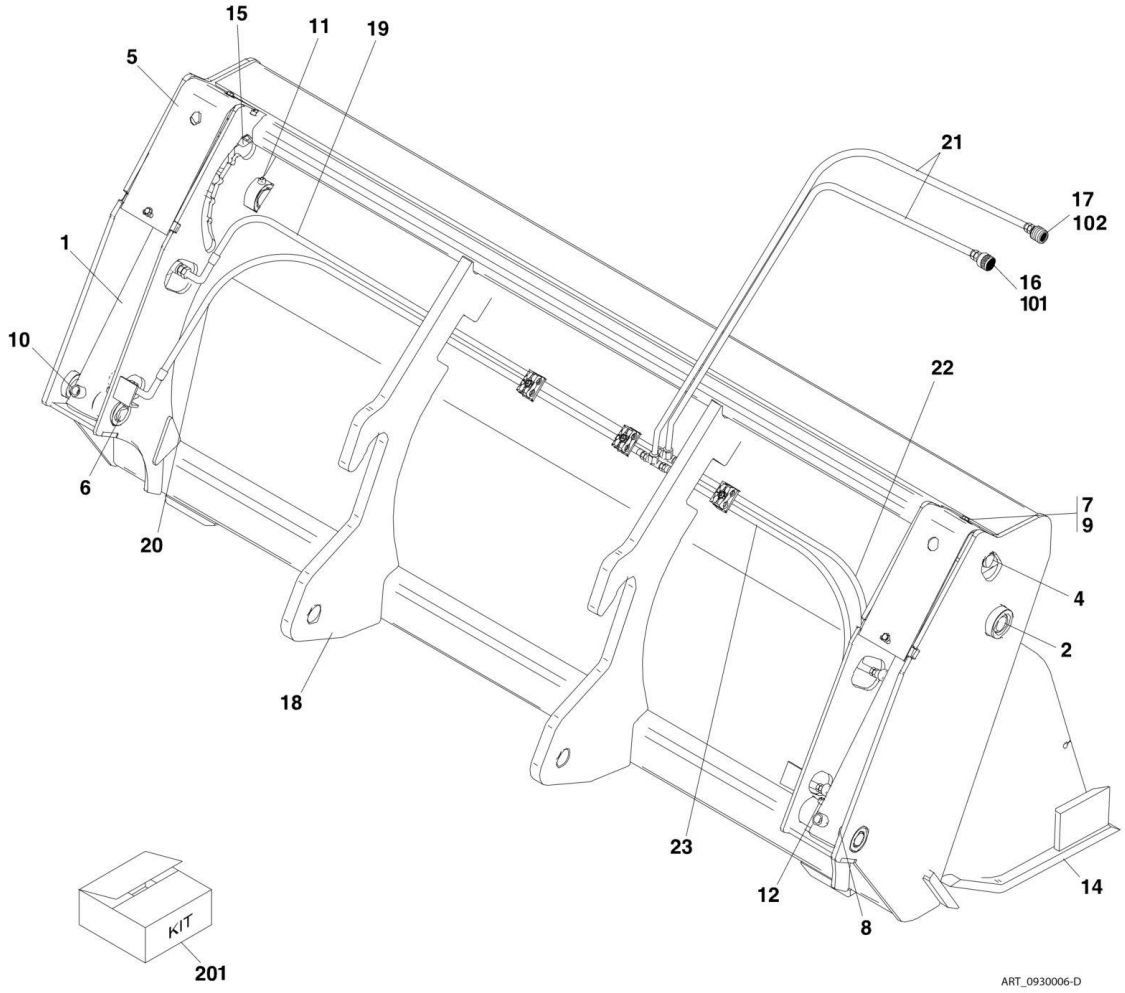
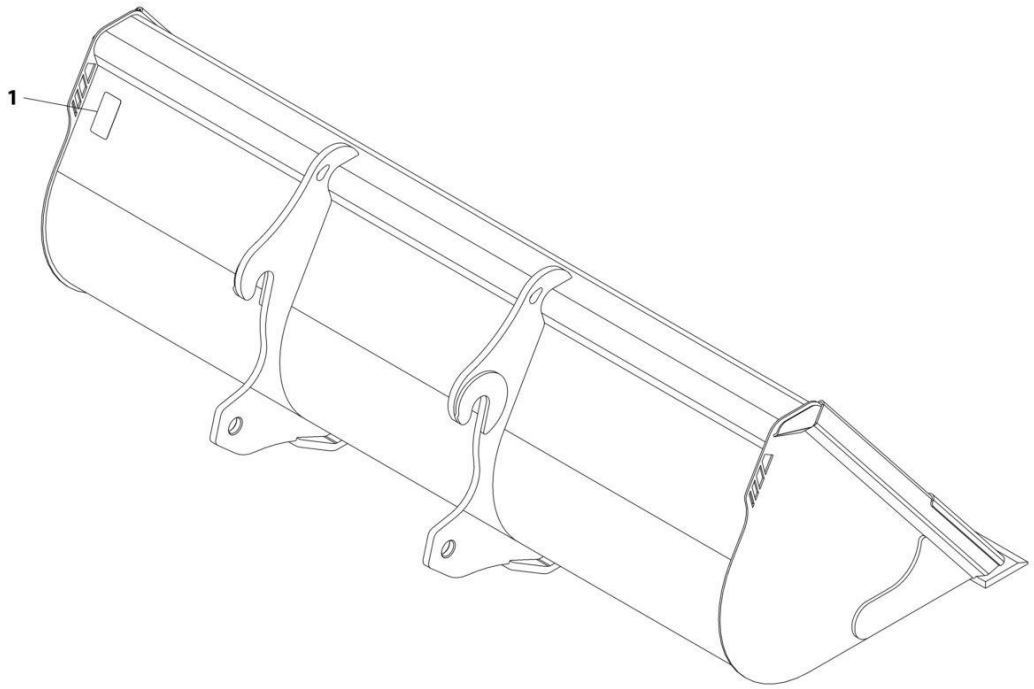


FIGURE 3-20. BUCKET(0.6M³) (MULTI-PURPOSE 4 IN 1)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0930006	1	4 in 1 Bucket 0.6 M³	D
1	7028990	2	Cylinder	
1	7028910	1	Kit, Seal, Cylinder	
2	7028911	2	Pin	
3	7028912	6	Nut, (not shown)	
4	7028913	2	Pin	
5	7028914	2	Plate, Protective	
6	7028915	2	Pin	
7	7028916	4	Bolt	
8	7028131	6	Bushing	
9	7028917	4	Washer	
10	7028918	6	Nipple, Grease	
11	7028920	2	Screw	
12	7028919	4	Screw	
14	N.S.S.	1	Weldment	
15	7028923	1	Gauge	
16	1001094555	1	Adapter, Female Quick Disconnect	
17	1001094556	1	Adapter, Male Quick Disconnect	
18	N.S.S.	1	Weldment	
19	7028982	1	Hose	
20	7028983	1	Hose	
21	7028984	2	Hose	
22	7028985	1	Hose	
23	7028991	1	Hose	
101	1001093826	1	Cap, Dust	
102	1001093827	1	Plug, Dust	
201	1001097287	1	Kit, Quick Disconnect Adapter (includes items 16, 17, 101 & 102)	

FIGURE 3-21. BUCKET(1M³/1.25YD³) (GENERAL PURPOSE - ROUND HEEL)



ART_1001215988-B

FIGURE 3-21. BUCKET(1M³/1.25YD³) (GENERAL PURPOSE - ROUND HEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215988	1	Bucket (1 m³)	D
1	N.S.S.	1	Plate, Serial Number	
2	70031031	1	Attachment, Cutting Edge (Optional - Must be Ordered Separately) (Not Shown)	

FIGURE 3-22. BUCKET(1M³/1.25YD³) (GENERAL PURPOSE - ANGULAR HEEL)

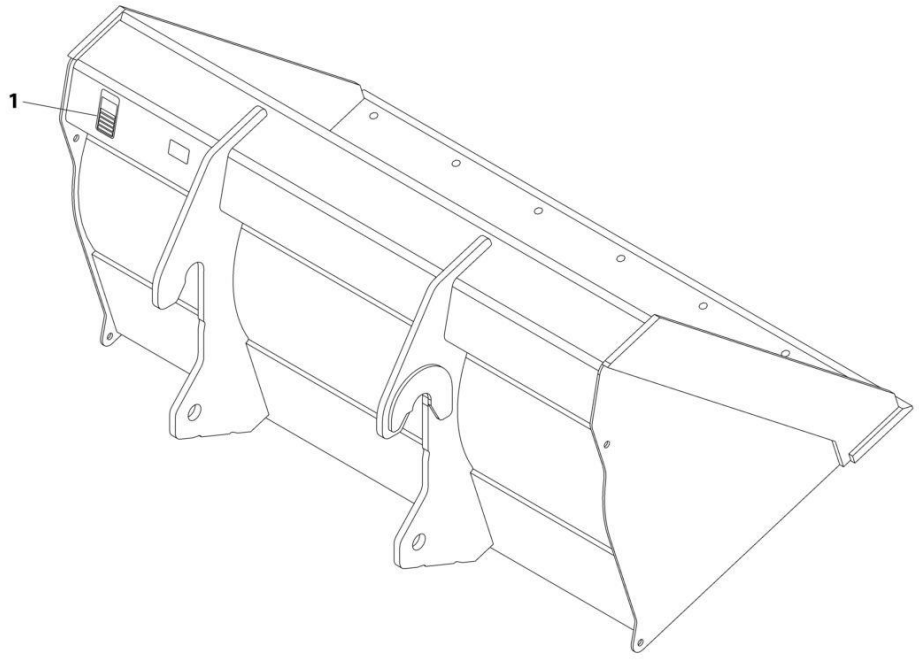


FIGURE 3-22. BUCKET(1M³/1.25YD³) (GENERAL PURPOSE - ANGULAR HEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001290109	Ref	BUCKET	B
1	N.S.S.	1	Plate, Serial Number	

FIGURE 3-23. BUCKET(1M³) (MULTI-PURPOSE 4 IN 1)

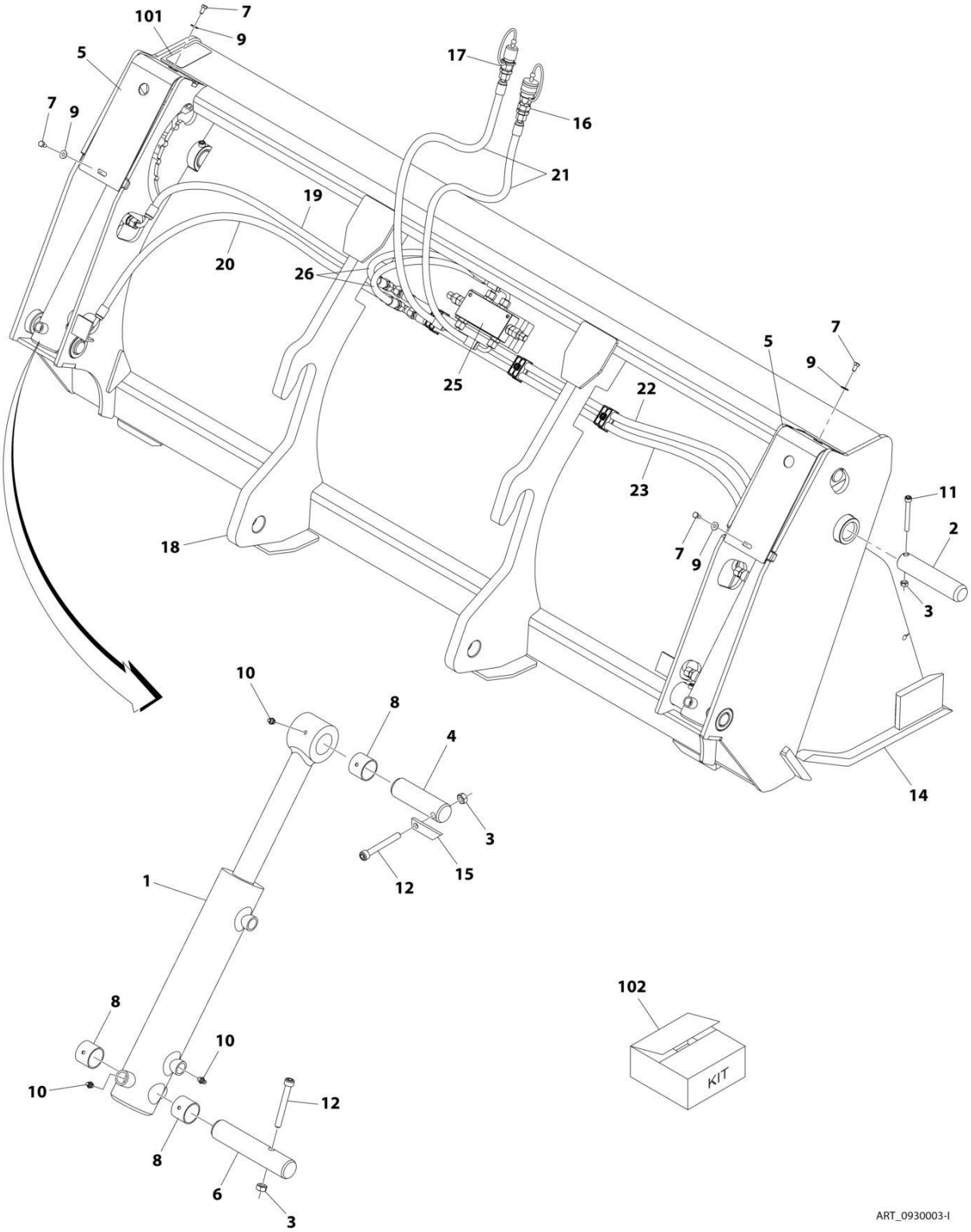


FIGURE 3-23. BUCKET(1M³) (MULTI-PURPOSE 4 IN 1)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0930003	Ref	4 in 1 Bucket (1.0 m³)	I
1	7028990	2	Cylinder	
	7028910	AR	Kit, Seal, Cylinder	
2	7028911	2	Pin	
3	7028912	6	Nut, (not shown)	
4	7028913	2	Pin	
5	N.S.S.	2	Plate	
6	7028915	2	Pin	
7	7028916	4	Bolt	
8	7028131	6	Bushing	
9	7028917	4	Washer	
10	7028918	6	Nipple, Grease	
11	7028920	2	Screw	
12	7028919	4	Screw	
14	N.S.S.	1	Weldment	
15	7028923	1	Gauge	
16	1001094555	1	Coupling, Female Quick Disconnect	
17	1001094556	1	Coupling, Male Quick Disconnect	
18	N.S.S.	1	Weldment	
19	7028982	1	Hose	
20	7028983	1	Hose	
21	7028984	2	Hose	
22	7028995	1	Hose	
23	7028991	1	Hose	
24	70027291	1	Balancing Valve	
26	70029011	2	Hose	
101	N.S.S.	1	S/N Plate	
102	1001097287	1	Quick Disconnect Coupling Kit, (includes items 16, 17 dust cap and dust plug)	

FIGURE 3-24. BUCKET (1.5M³/2YD³) (GENERAL PURPOSE - ROUND HEEL)

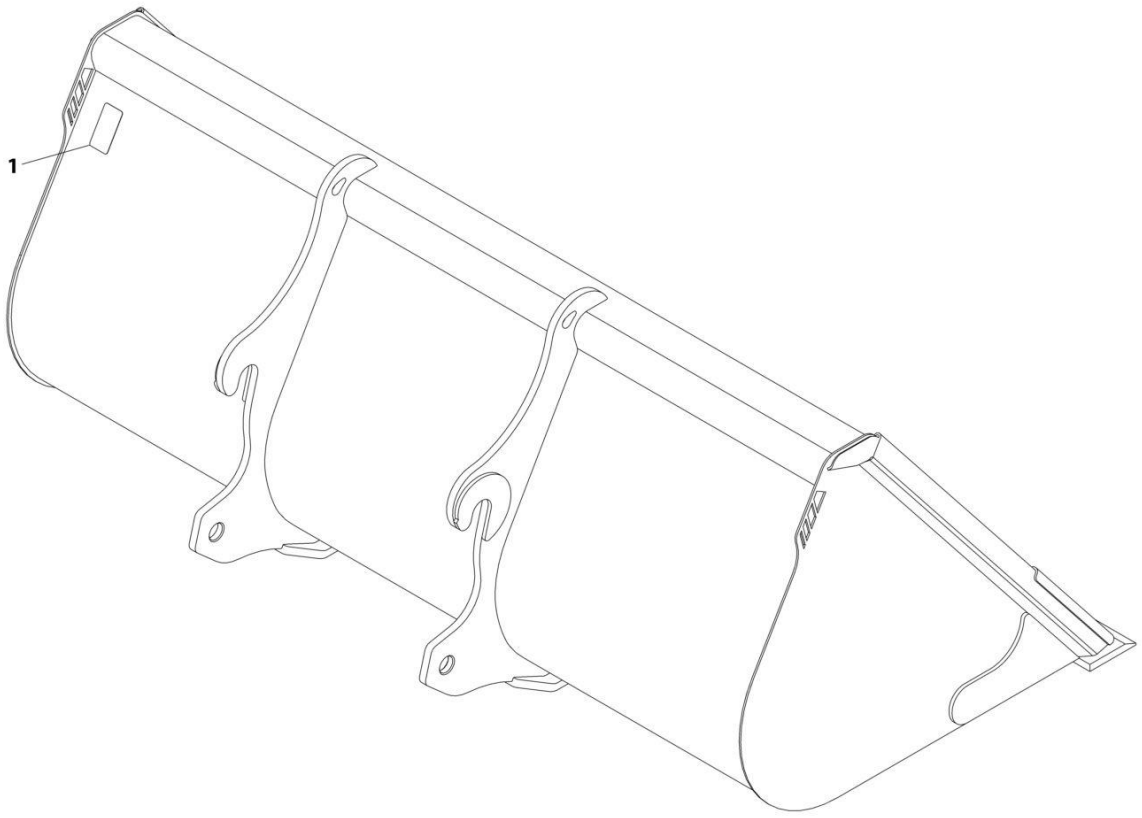


FIGURE 3-24. BUCKET (1.5M³/2YD³) (GENERAL PURPOSE - ROUND HEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215990	1	Bucket (1.5 m³)	D
1	N.S.S.	1	Plate, Serial Number	
2	70031031	1	Attachment, Cutting Edge (Optional - Must be Ordered Separately) (Not Shown)	

FIGURE 3-25. BUCKET (1.5M³/2YD³) (GENERAL PURPOSE - ANGULAR HEEL)

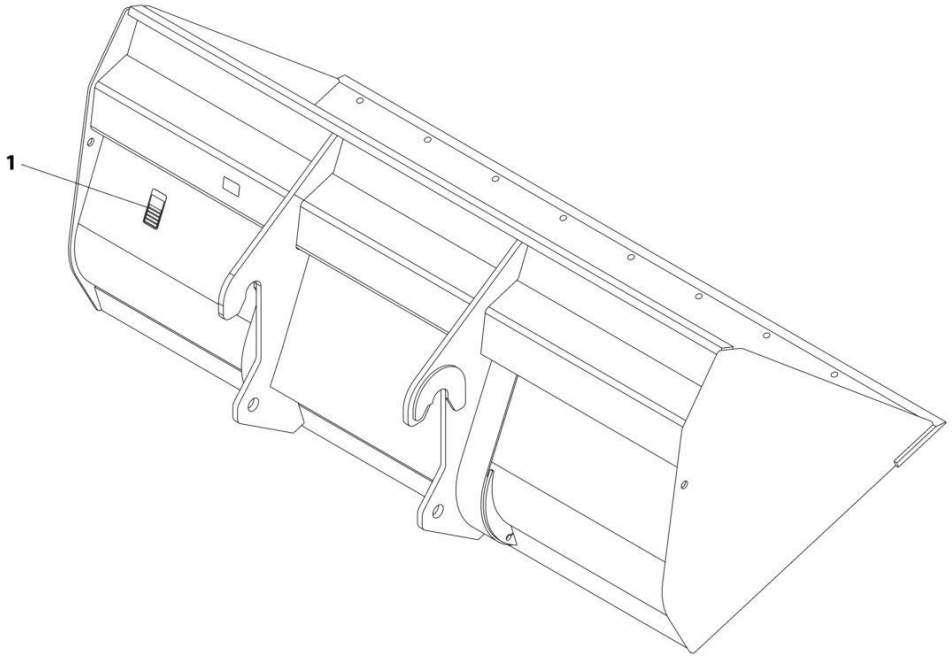
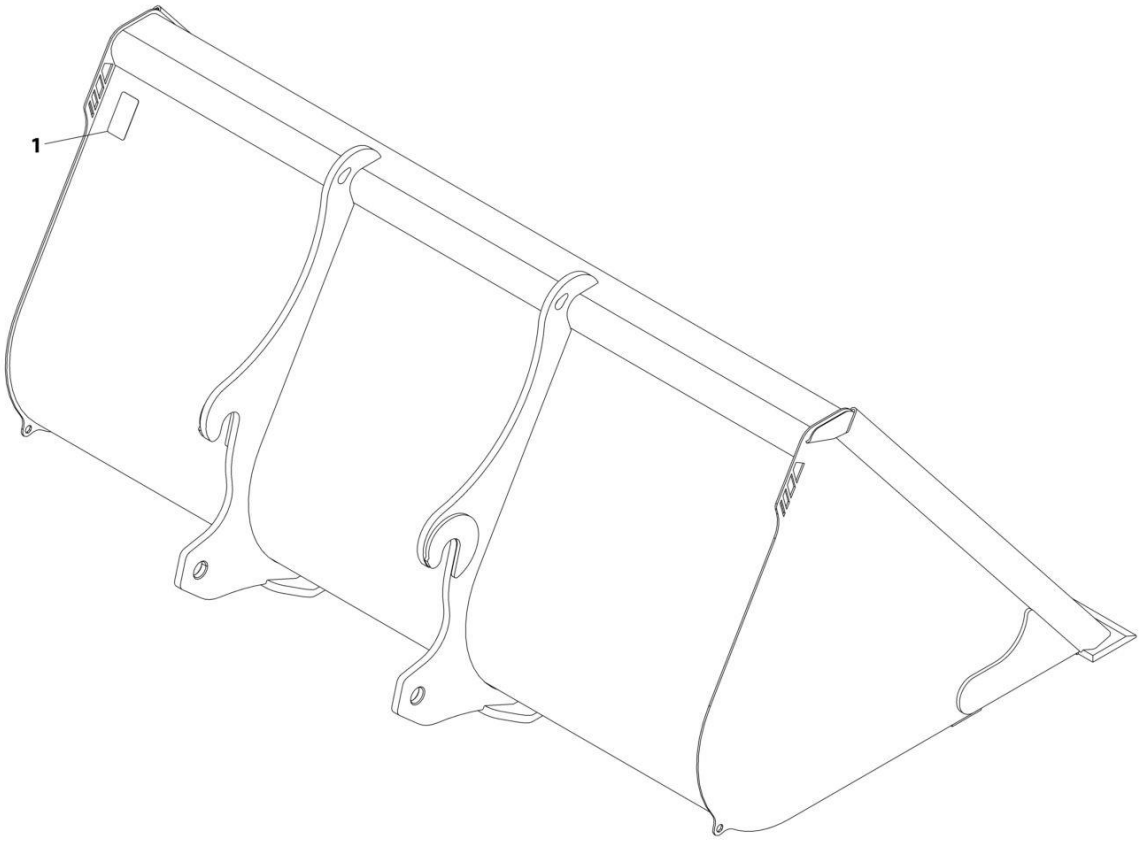


FIGURE 3-25. BUCKET (1.5M³/2YD³) (GENERAL PURPOSE - ANGULAR HEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001290111	Ref	BUCKET	B
1	N.S.S.	1	Plate, Serial Number	

FIGURE 3-26. BUCKET (2M³/2.6YD³) (GENERAL PURPOSE - ROUND HEEL)

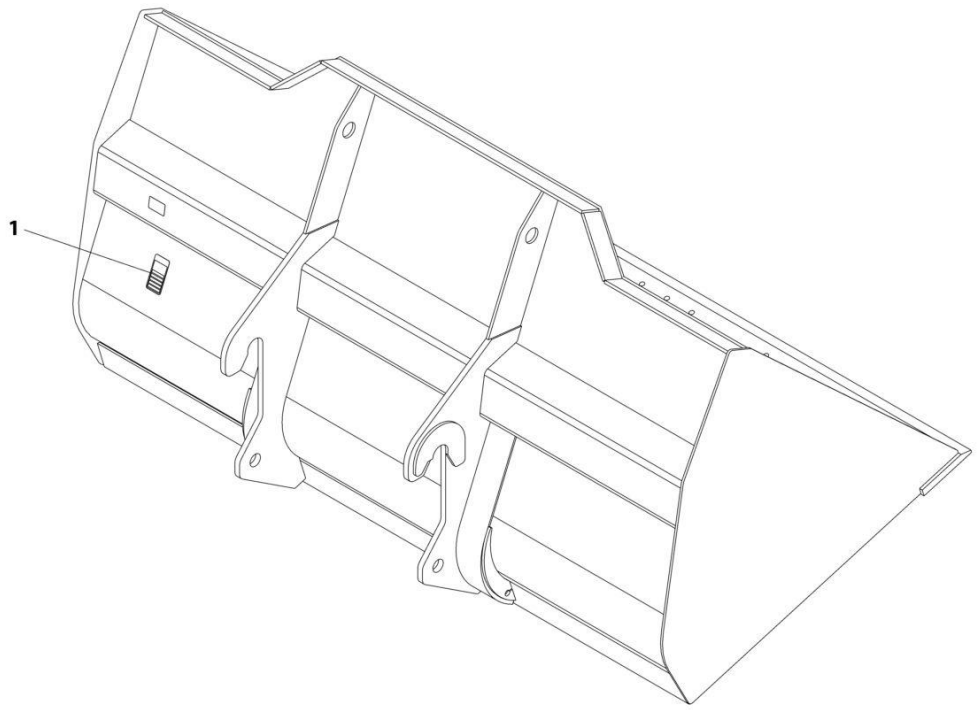


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FIGURE 3-26. BUCKET (2M³/2.6YD³) (GENERAL PURPOSE - ROUND HEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215992	1	Bucket (2 m³)	D
1	N.S.S.	1	Plate, Serial Number	
2	70031031	1	Attachment, Cutting Edge (Optional - Must be Ordered Separately) (Not Shown)	

FIGURE 3-27. BUCKET (2M³/2.6YD³) (GENERAL PURPOSE - ANGULAR HEEL)

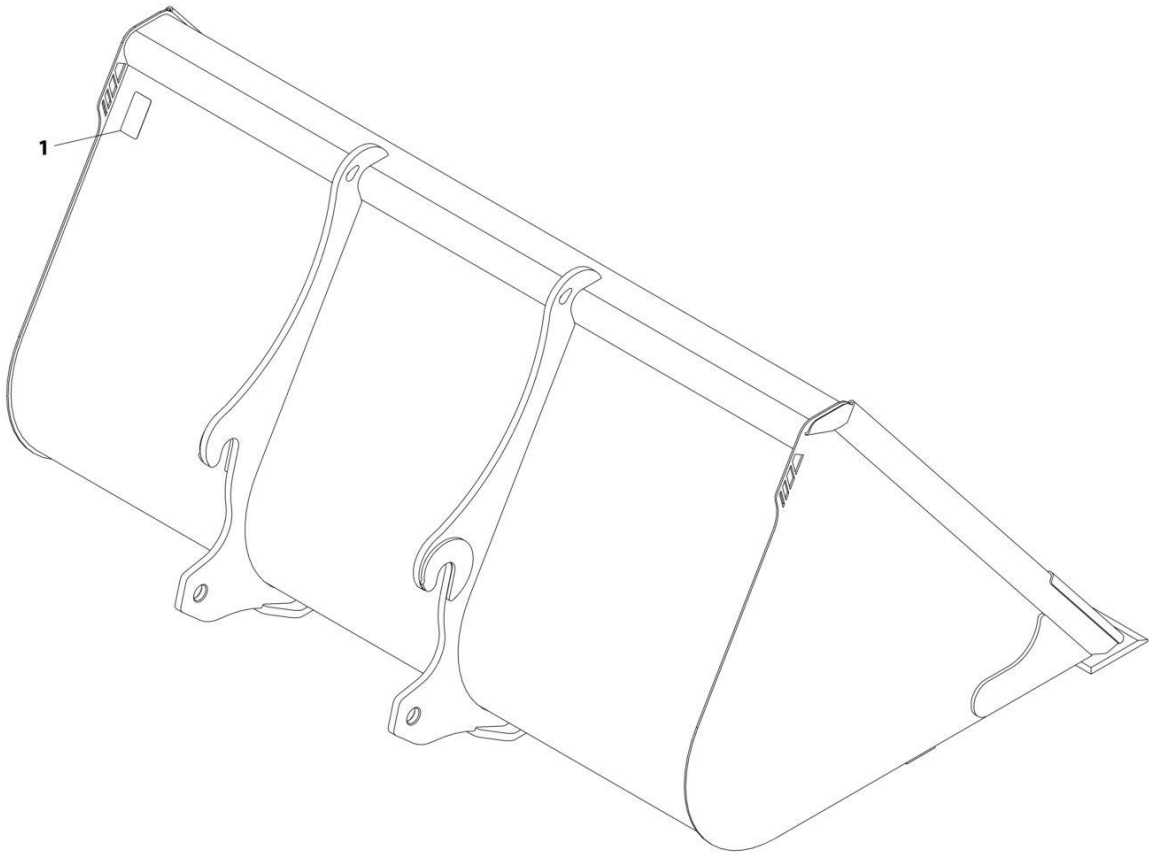


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FIGURE 3-27. BUCKET (2M³/2.6YD³) (GENERAL PURPOSE - ANGULAR HEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001290113	Ref	BUCKET	B
1	N.S.S.	1	Plate, Serial Number	

FIGURE 3-28. BUCKET (2.5M³/3.25YD³) (GENERAL PURPOSE - ROUND HEEL)

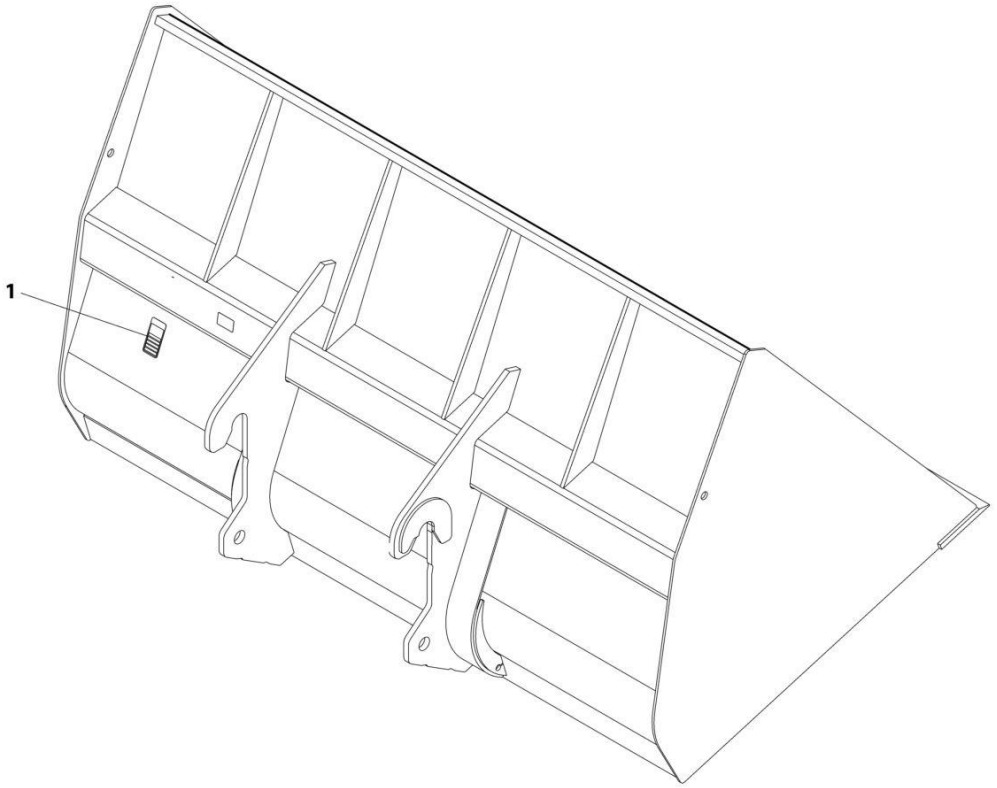


ART_1001215994-B

FIGURE 3-28. BUCKET (2.5M³/3.25YD³) (GENERAL PURPOSE - ROUND HEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215994	1	Bucket (2.5 m³)	D
1	N.S.S.	1	Plate, Serial Number	
2	70031031	1	Attachment, Cutting Edge (Optional - Must be Ordered Separately) (Not Shown)	

FIGURE 3-29. BUCKET (2.5M³/3.25YD³) (GENERAL PURPOSE - ANGULAR HEEL)

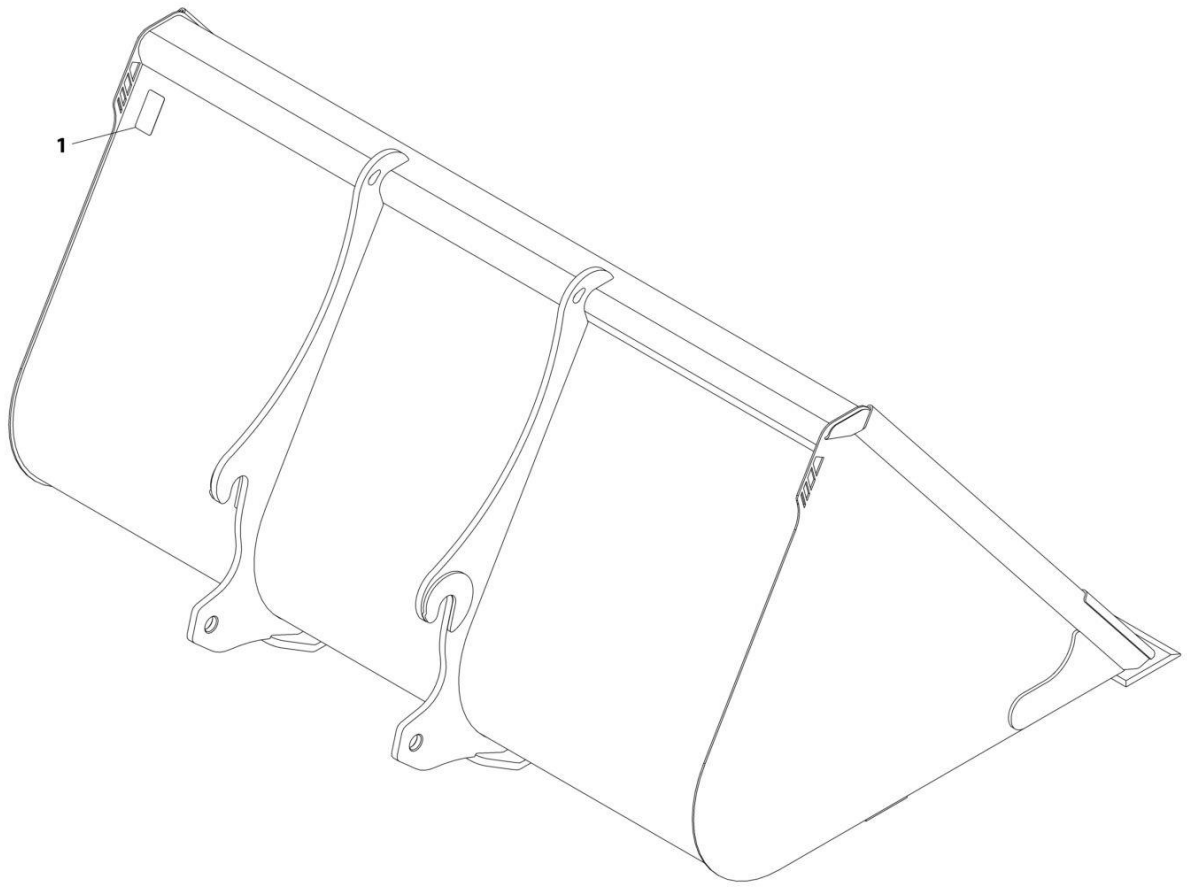


ART_1001290115

FIGURE 3-29. BUCKET (2.5M³/3.25YD³) (GENERAL PURPOSE - ANGULAR HEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001290115	Ref	BUCKET	B
1	N.S.S.	1	Plate, Serial Number	

FIGURE 3-30. BUCKET (3M³/4YD³) (GENERAL PURPOSE - ROUND HEEL)



ART_1001215996-B

FIGURE 3-30. BUCKET (3M³/4YD³) (GENERAL PURPOSE - ROUND HEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215996	1	Bucket (3 m³)	D
1	N.S.S.	1	Plate, Serial Number	
2	70031032	1	Attachment, Cutting Edge (Optional - Must be Ordered Separately) (Not Shown)	

FIGURE 3-31. BUCKET (3M³/4YD³) (GENERAL PURPOSE - ANGULAR HEEL)

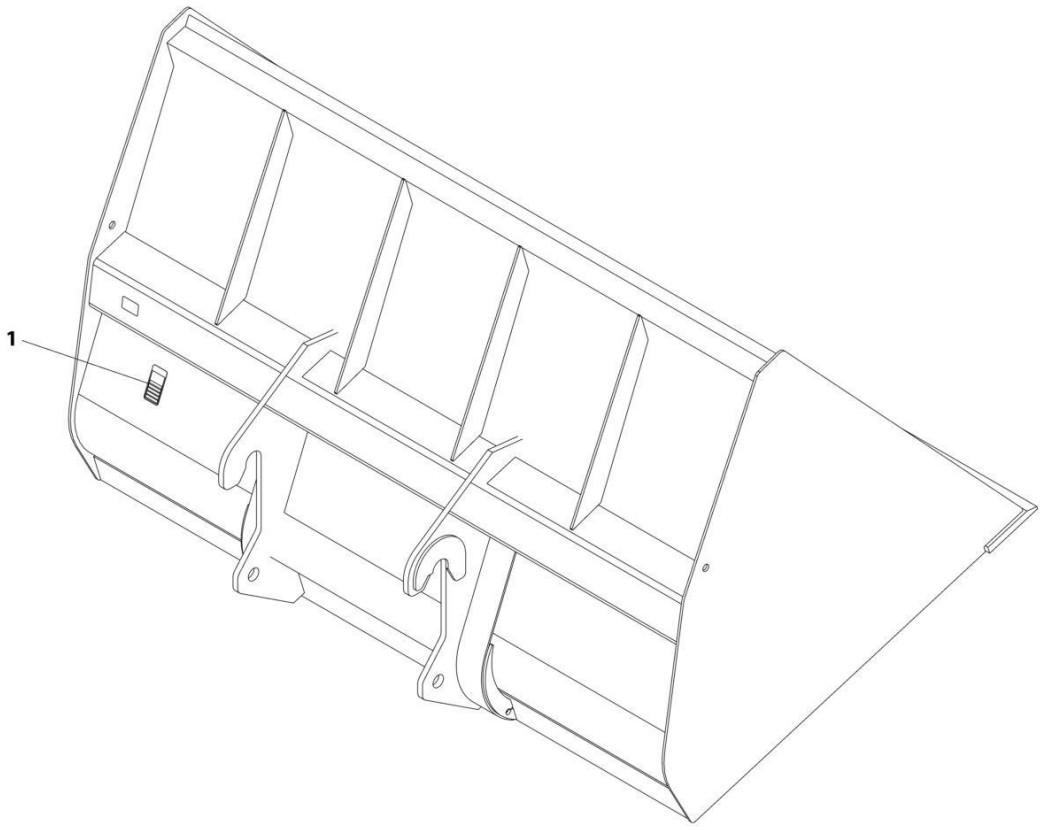
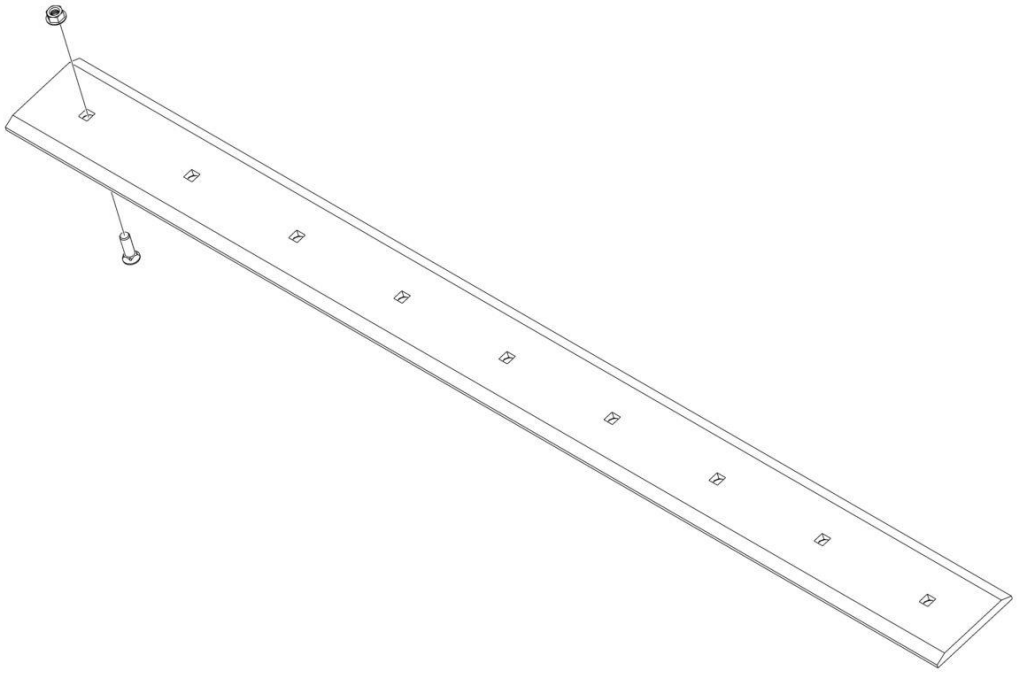


FIGURE 3-31. BUCKET (3M³/4YD³) (GENERAL PURPOSE - ANGULAR HEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001290122	Ref	BUCKET	B
1	N.S.S.	1	Plate, Serial Number	

FIGURE 3-32. BUCKET BOLT-ON EDGE (ONE PIECE)

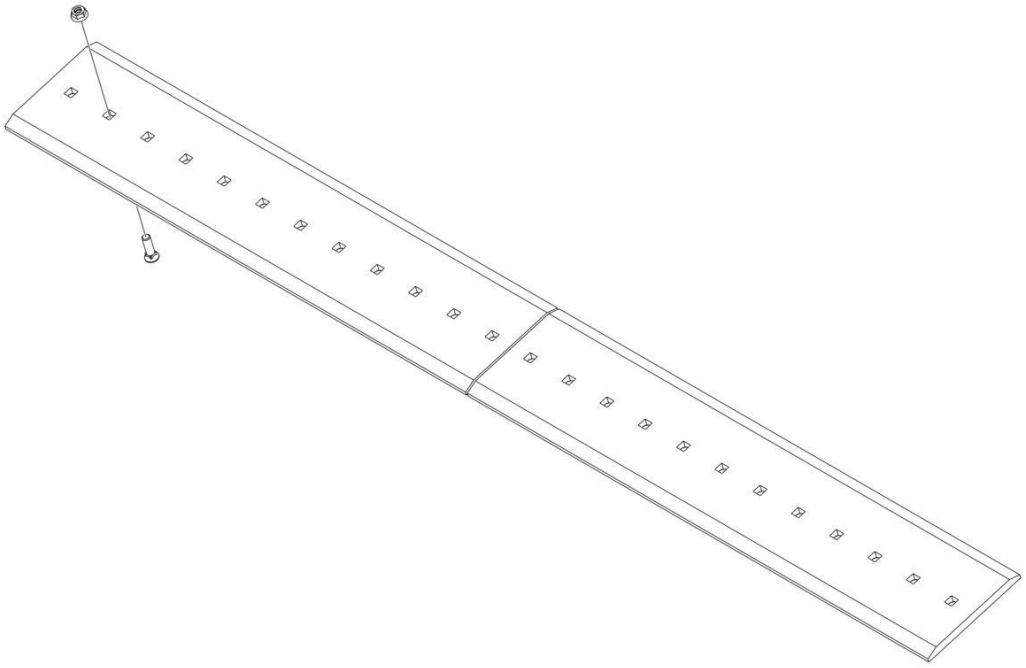


ART_1001290442

FIGURE 3-32. BUCKET BOLT-ON EDGE (ONE PIECE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001290442	Ref	BOLT-ON EDGE	A
	See Note	Ref	Note: No Service Parts Available at Time of Printing.	

FIGURE 3-33. BUCKET BOLT-ON EDGE (TWO PIECE)

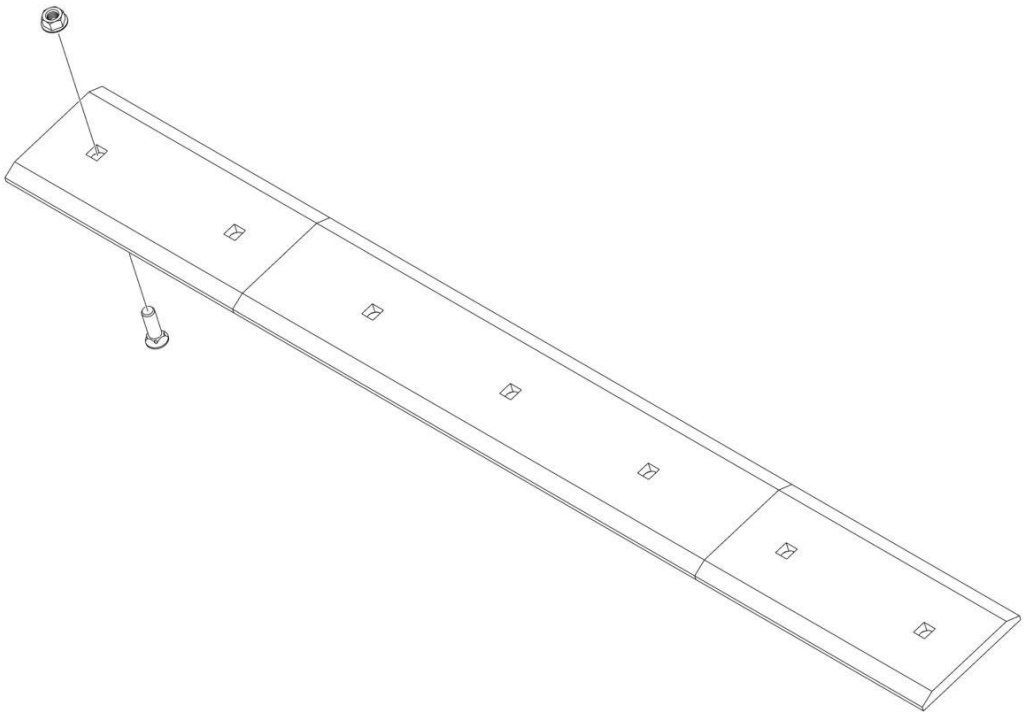


ART_1001290441

FIGURE 3-33. BUCKET BOLT-ON EDGE (TWO PIECE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001290441	Ref	BOLT-ON EDGE	A
	See Note	Ref	Note: No Service Parts Available at Time of Printing.	

FIGURE 3-34. BUCKET BOLT-ON EDGE (THREE PIECE)



ART_1001290440

FIGURE 3-34. BUCKET BOLT-ON EDGE (THREE PIECE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001290440	Ref	BOLT-ON EDGE	A
	See Note	Ref	Note: No Service Parts Available at Time of Printing.	

FIGURE 3-35. BUCKET FRONT GUARD

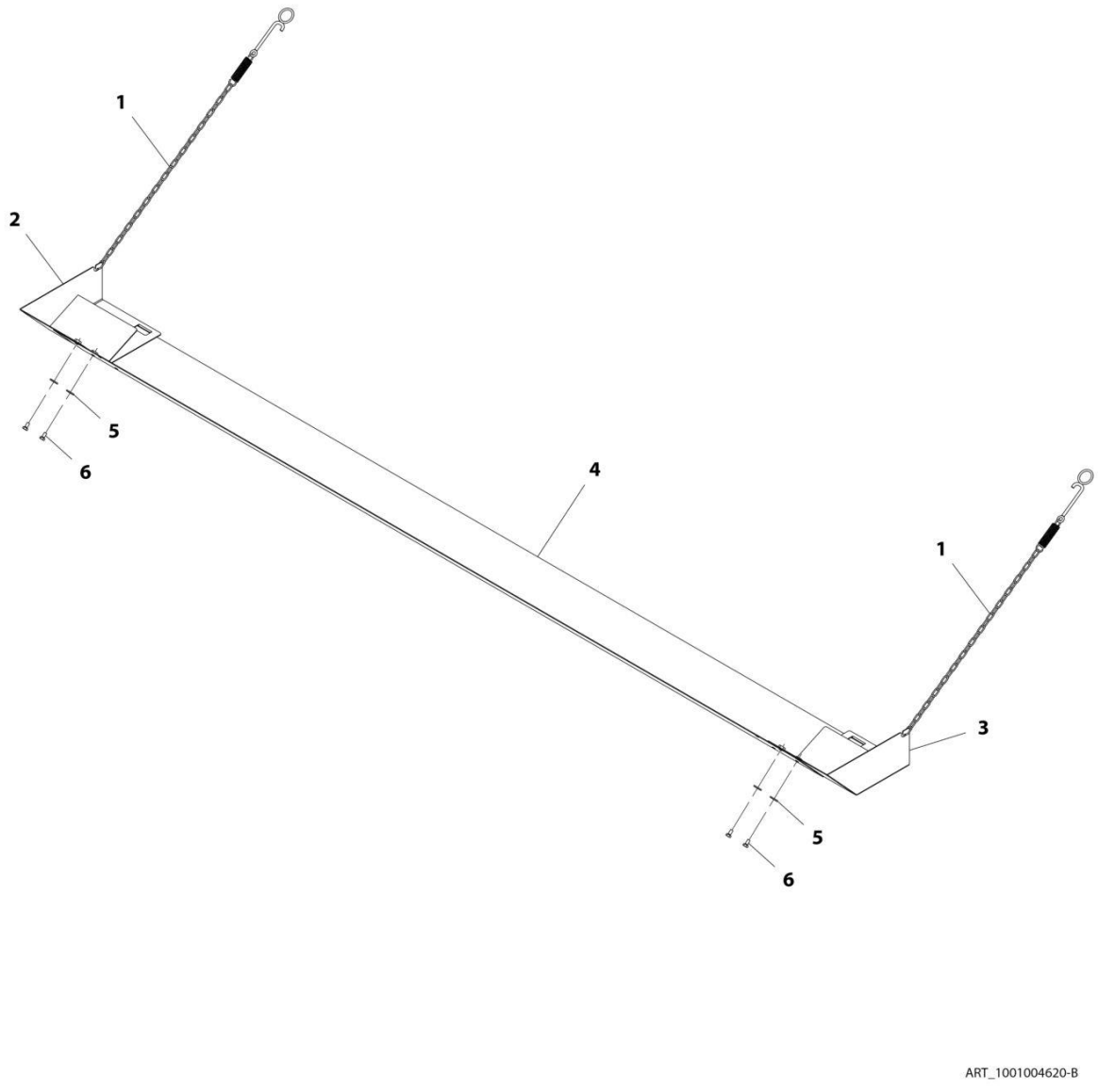


FIGURE 3-35. BUCKET FRONT GUARD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001004620	1	Bucket Guard	B
1	1001003064	2	Assembly, Retainer	
2	1001004617	1	Plate	
3	1001004618	1	Plate	
4	1001004619	1	Plate	
5	1001008665	4	Washer	
6	1001009105	4	Bolt, M6X1	

FIGURE 3-36. BUCKET TEETH KIT

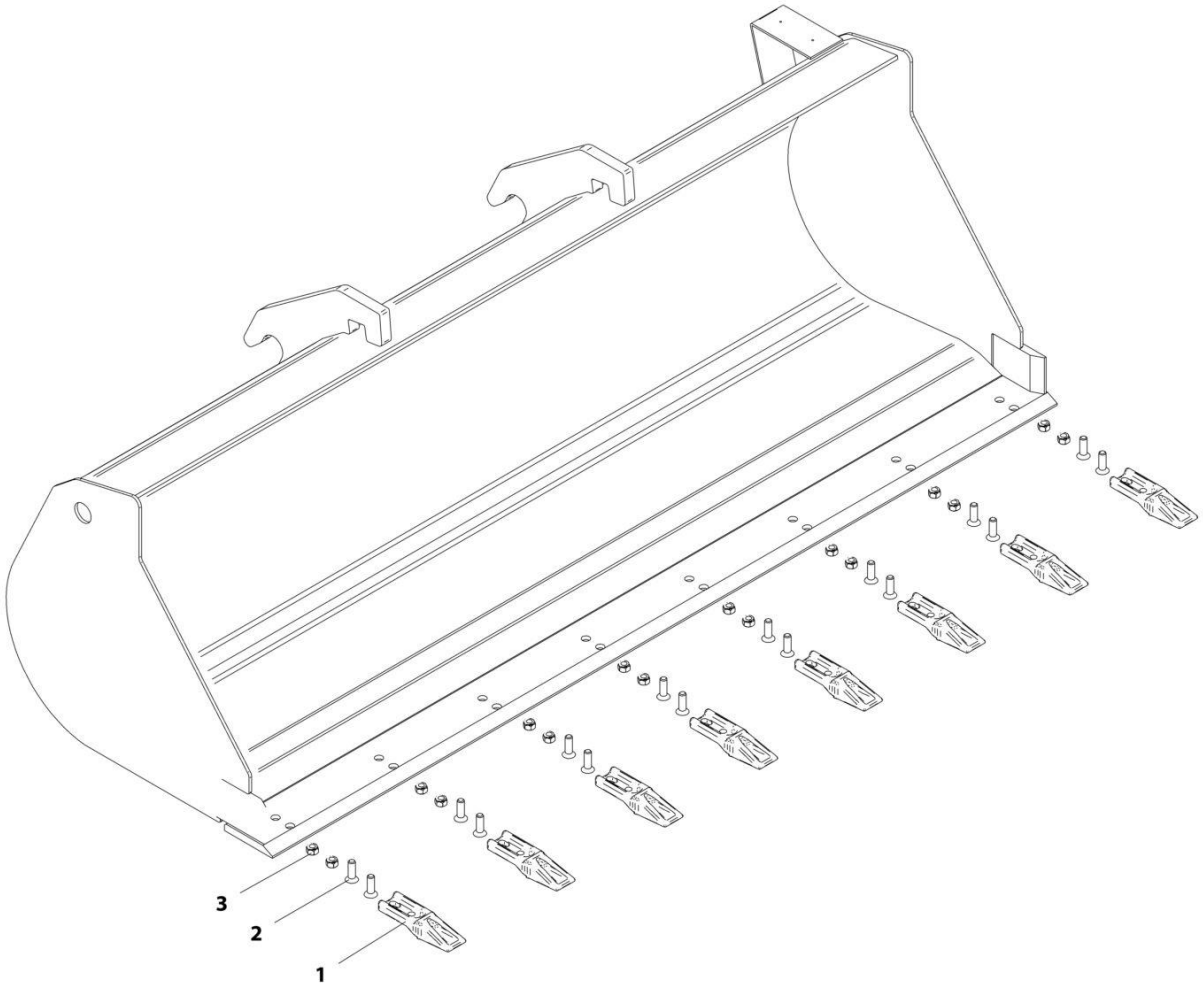


FIGURE 3-36. BUCKET TEETH KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196751	1	Bucket Teeth Kit	A
1	Kit	8	Tooth	
2	Kit	16	Screw	
3	Kit	16	Nut	

FIGURE 3-37. CARRIAGE ASSEMBLY (1225MM)

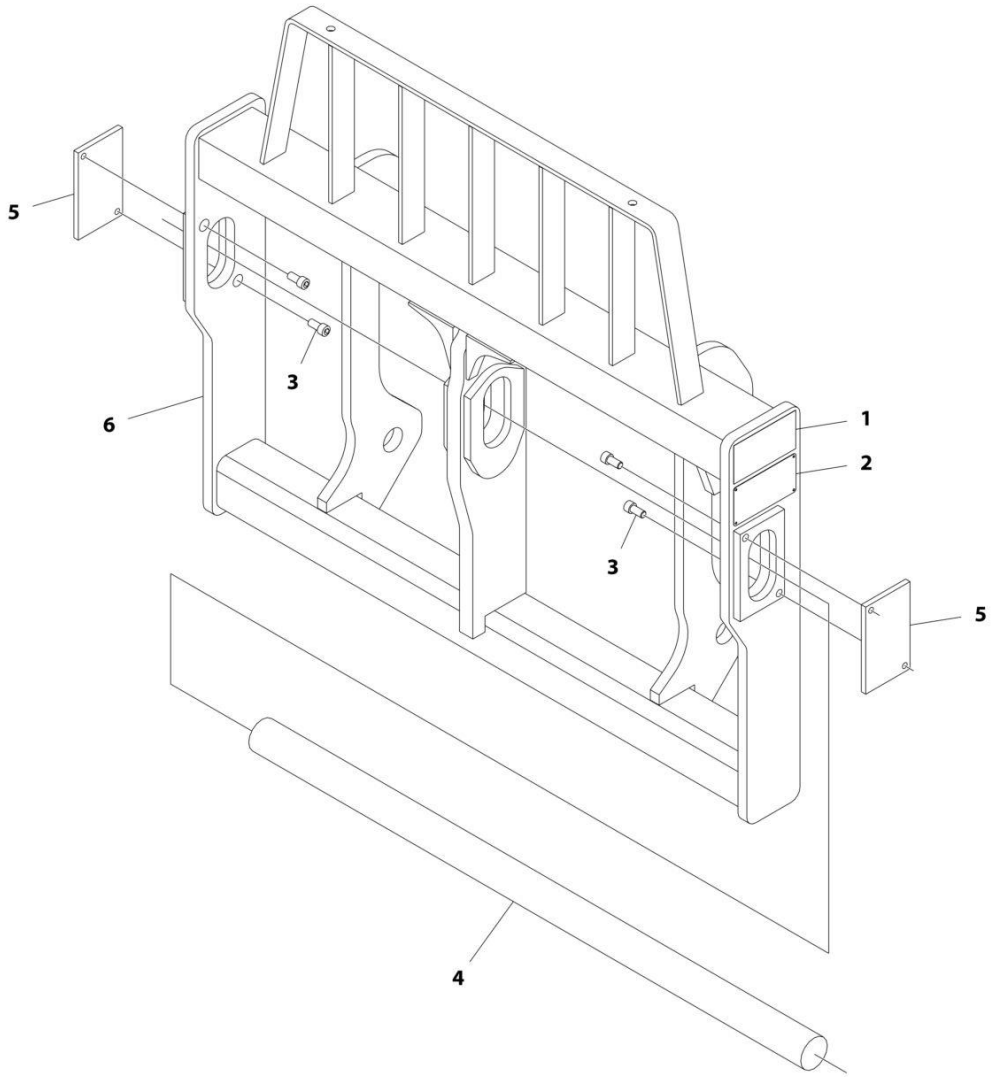


FIGURE 3-37. CARRIAGE ASSEMBLY (1225MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001107581	Ref	CARRIAGE ASSEMBLY (1225MM)	E
1	See Note	NSS	Name Plate, Carriage (Note: Not Available for Purchase)	
2	See Note	NSS	Plate, Serial Number (Note: Not Available for Purchase)	
3	4032109	4	Bolt M12 x 25	
4	1001107336	1	Shaft, Carriage	
5	1001107338	2	Cover, Shaft	
6	See Note	NSS	Carriage (Note: Purchase PN 1001107581)	

FIGURE 3-38. CARRIAGE ASSEMBLY (1270MM)

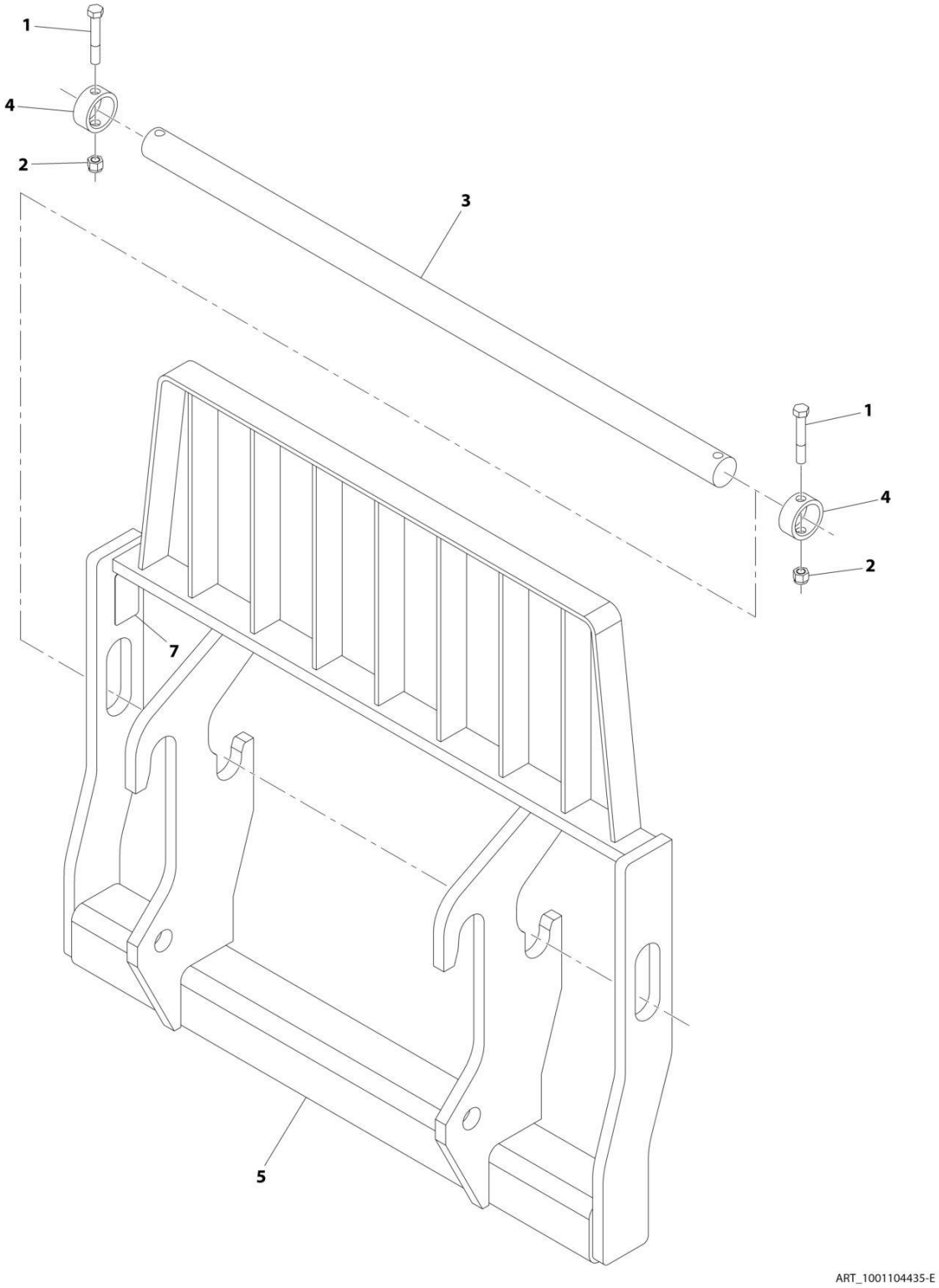


FIGURE 3-38. CARRIAGE ASSEMBLY (1270MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001104435	Ref	Carriage Assembly, (50Inch/1270mm)	H
1	0642032	2	Hex HD Capscrew, 5/8-11X4	
2	3300240	2	Locknut, 5/8-11	
3	3423275	1	Fork Pin	
4	90200003	2	Collar	
5	N.S.S.	1	Carriage Weldment	
7	N.S.S.	1	S/N Plate	

FIGURE 3-39. CARRIAGE ASSEMBLY (1524MM)

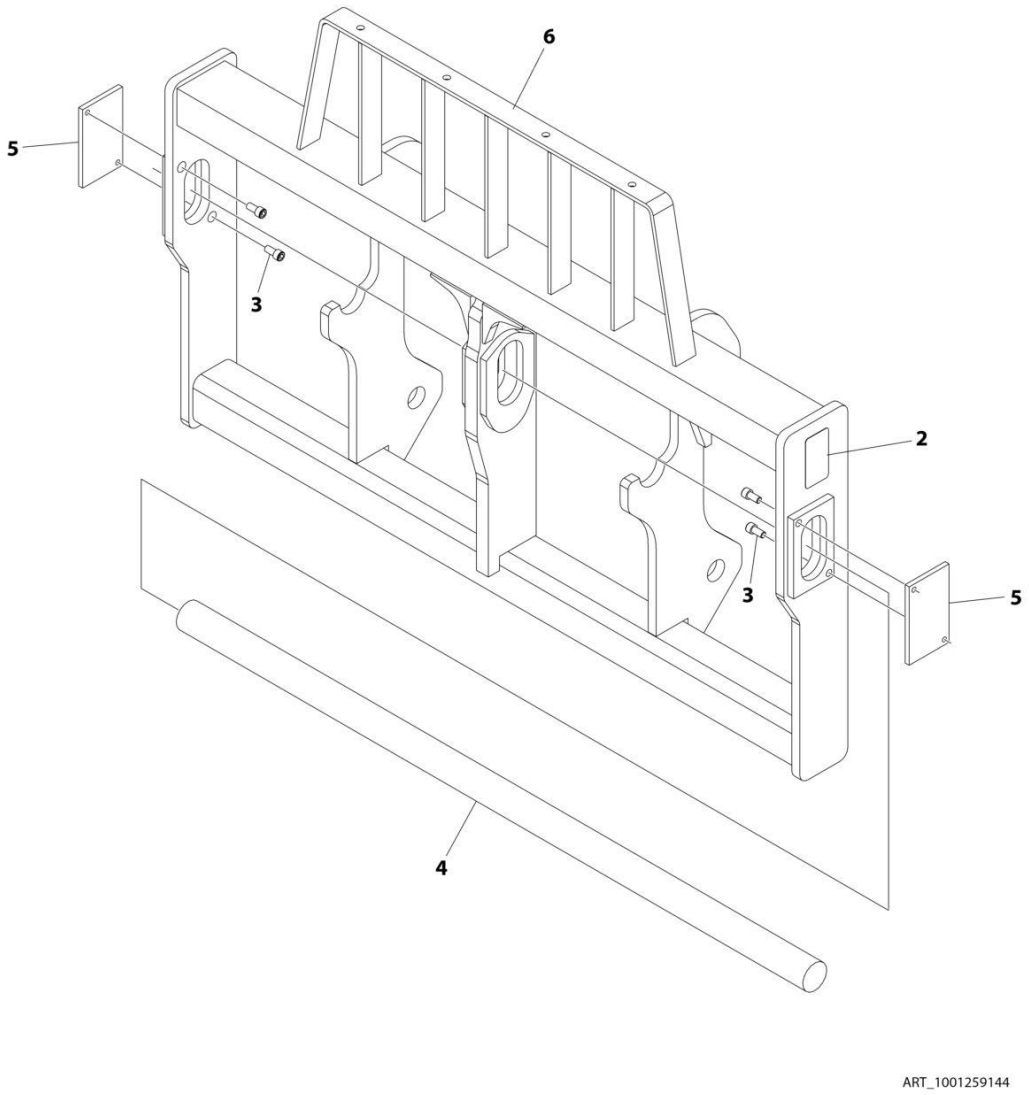


FIGURE 3-39. CARRIAGE ASSEMBLY (1524MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001259144	Ref	CARRIAGE ASSEMBLY (1524MM)	C
1	See Note	NSS	Name Plate (Note: Not Available for Purchase)	
2	See Note	NSS	Plate, Serial Number (Note: Not Available for Purchase)	
3	70021504	4	Bolt M12X25	
4	70030283	1	Shaft, Carriage	
5	1001107338	2	Cover, Shaft	
6	See Note	NSS	Carriage (Use PN 1001259144)	

FIGURE 3-40. CARRIAGE ASSEMBLY (1524MM)

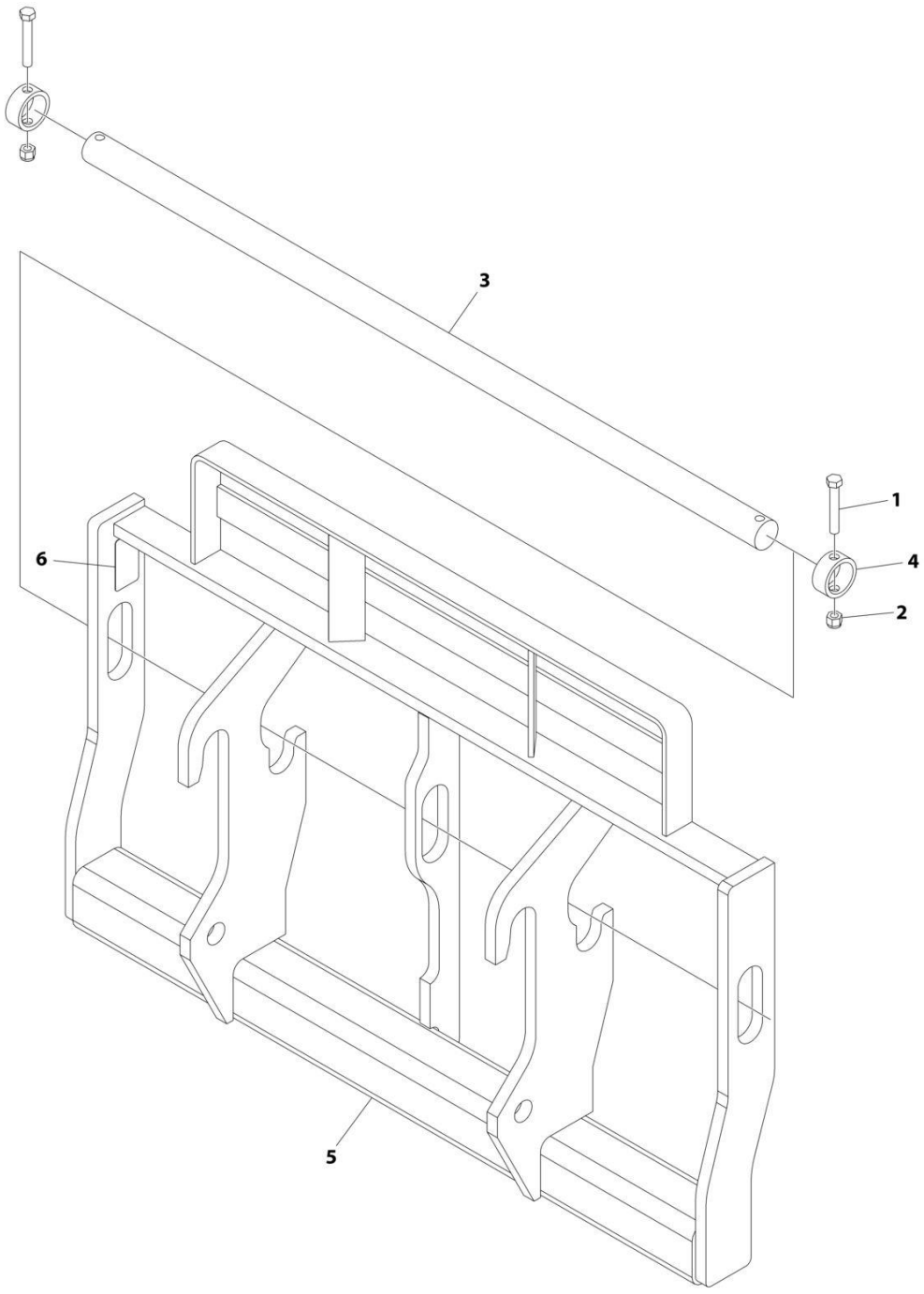


FIGURE 3-40. CARRIAGE ASSEMBLY (1524MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001278598	Ref	CARRIAGE ASSEMBLY (1524MM)	A
1	0642032	2	Screw 5/8 x 4	
2	3300240	2	Nut 5/8	
3	3423242	1	Pin	
4	90200003	2	Pin	
5	N.S.S.	1	Weldment, Carriage	
6	N.S.S.	1	S/N Plate	

FIGURE 3-41. CARRIAGE ASSEMBLY (1829MM)

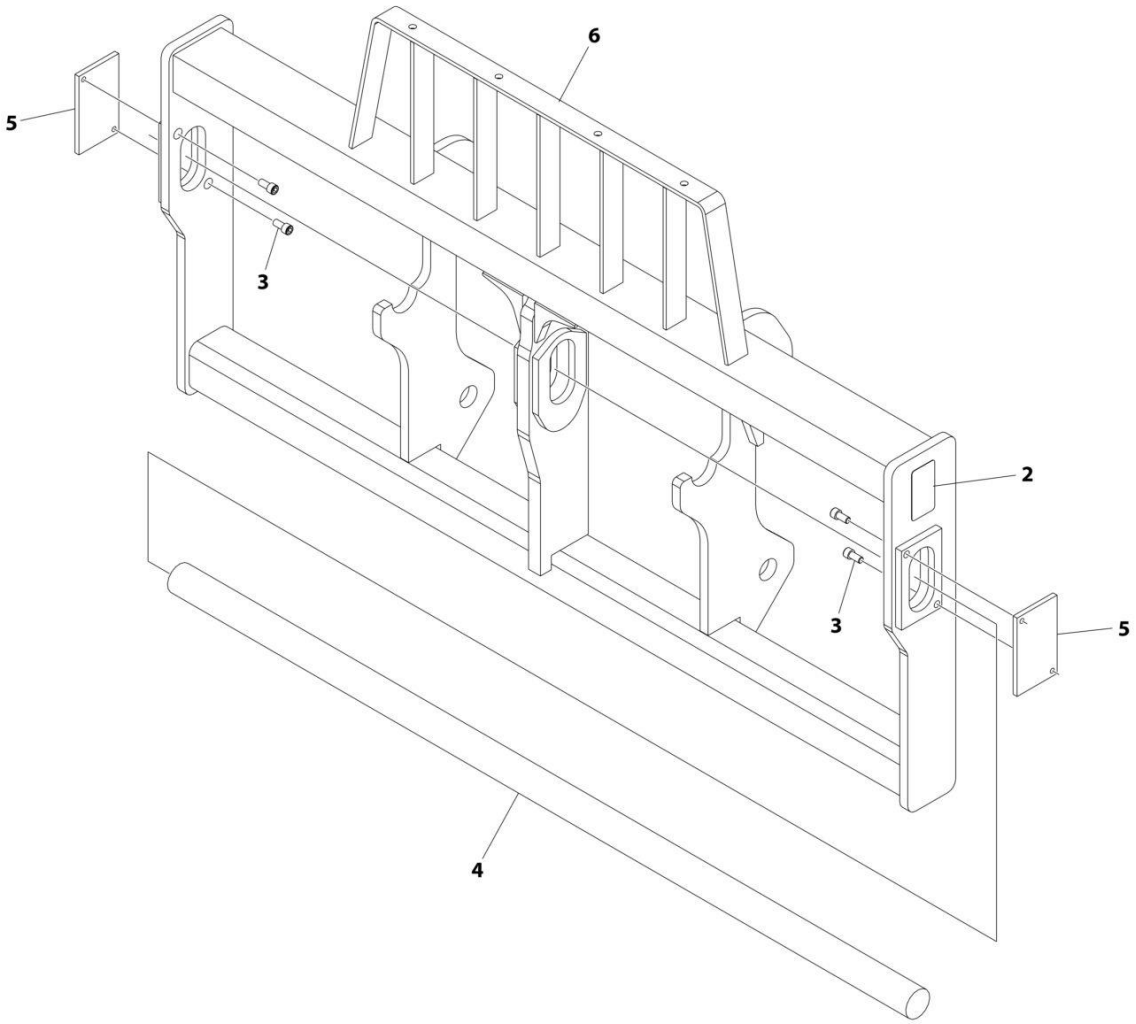


FIGURE 3-41. CARRIAGE ASSEMBLY (1829MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001259146	Ref	CARRIAGE ASSEMBLY (1829MM)	C
1	See Note	NSS	Name Plate, Carriage (Note: Not Available for Purchase)	
2	See Note	NSS	Plate, Serial Number (Note: Not Available for Purchase)	
3	70021504	4	Bolt M12X25	
4	70030282	1	Shaft	
5	1001107338	2	Cover, Shaft	
6	See Note	NSS	Carriage (Note: Use PN 1001259146)	

FIGURE 3-42. CARRIAGE ASSEMBLY (1829MM)

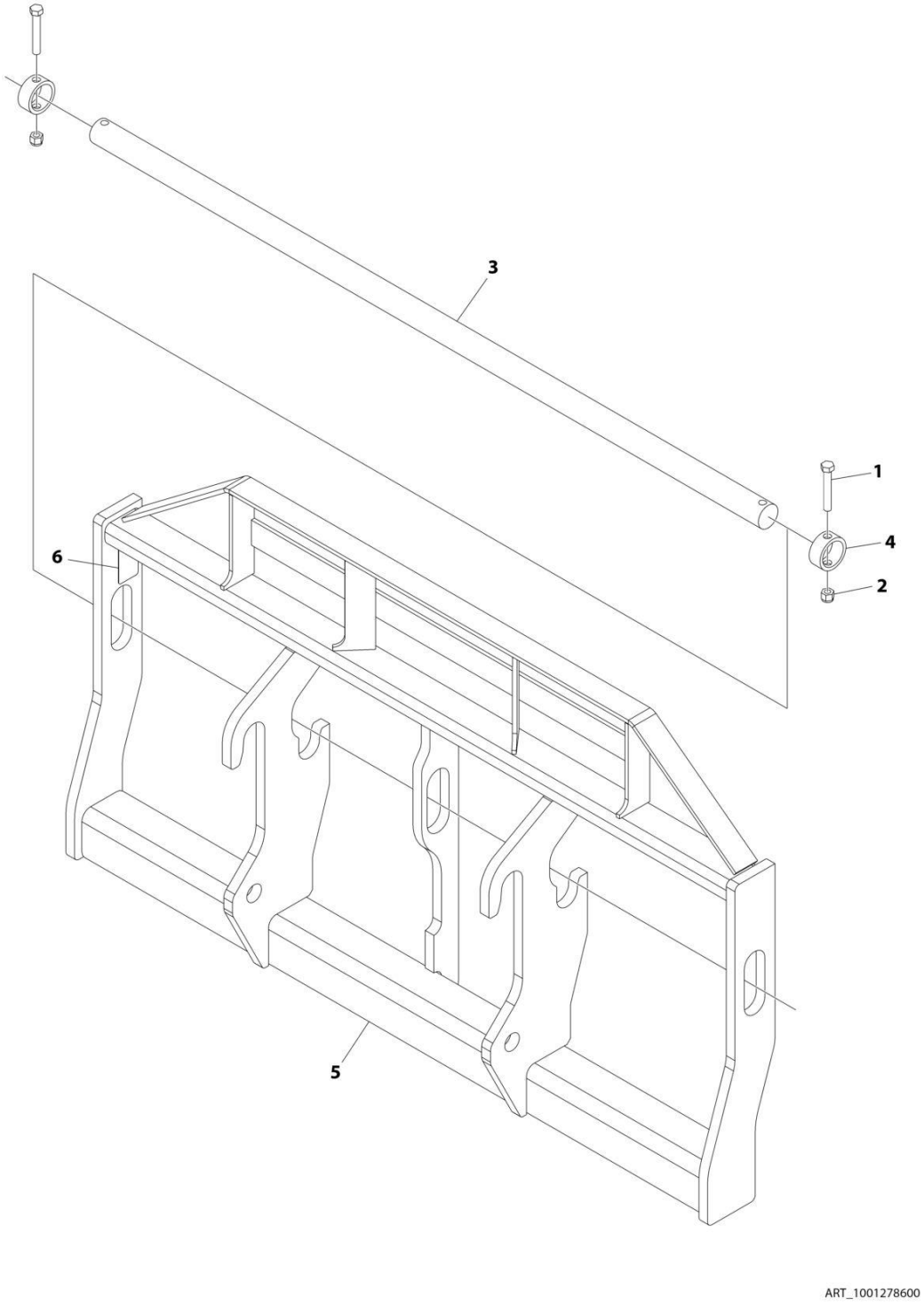


FIGURE 3-42. CARRIAGE ASSEMBLY (1829MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001278600	Ref	CARRIAGE ASSEMBLY (1829MM)	A
1	0642032	2	Screw 5/8 x 4	
2	3300240	2	Nut 5/8	
3	3423276	1	Pin	
4	90200003	2	Pin	
5	N.S.S.	1	Weldment, Carriage	
6	N.S.S.	1	S/N Plate	

FIGURE 3-43. CARRIAGE ASSEMBLY - SIDE TILTING (4.5 TON - 1225 MM)

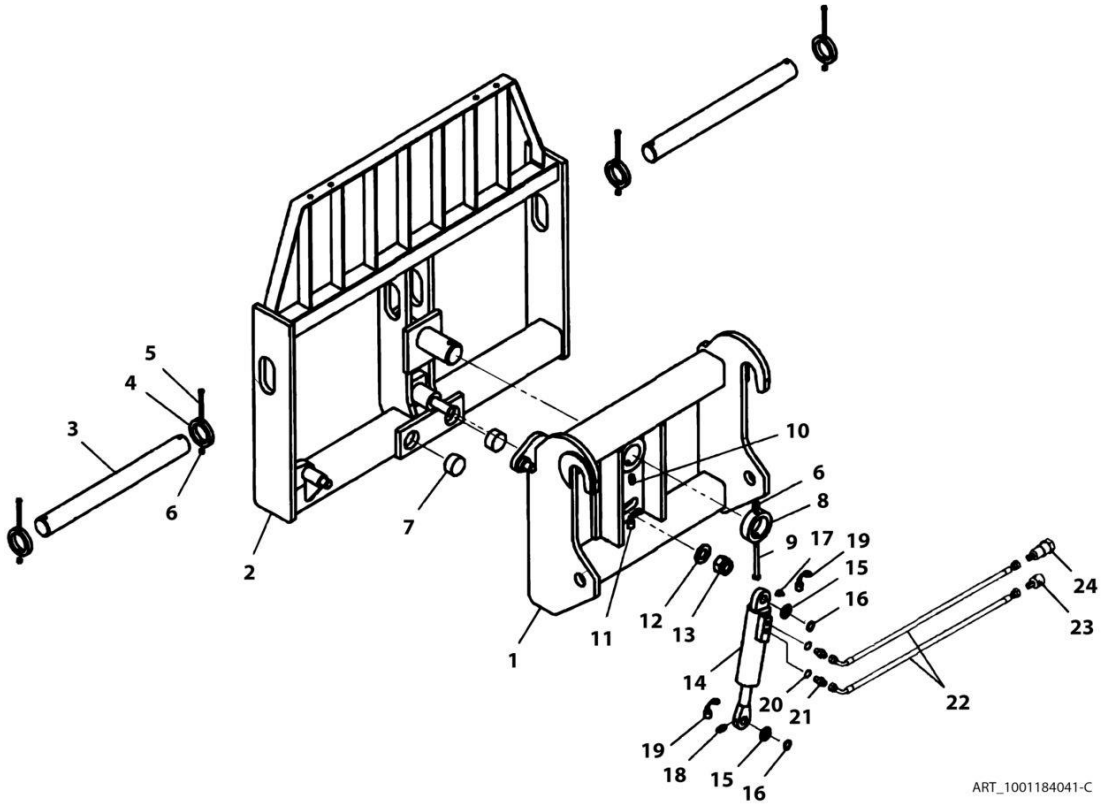


FIGURE 3-43. CARRIAGE ASSEMBLY - SIDE TILTING (4.5 TON - 1225 MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184041	1	Side Tilting Carriage (4.5 ton - 1225 MM)	E
1	N.S.S.	1	Carriage Weldment	
2	70027604	1	Fork, Carriage	
3	70027605	2	Pin	
4	70027606	4	Pin, Block	
5	70027607	4	Bolt	
6	70021241	5	Nut, Lock M12	
7	70021238	2	Buffer	
8	70021239	1	Collar	
9	70021240	1	Bolt	
10	70021242	1	Fitting, Grease	
11	70021243	1	Cover, Grease Fitting	
12	70021244	1	Washer	
13	70022697	1	Nut, Lock	
14	70020506	1	Cylinder	
15	70020507	1	Washer	
16	70020508	2	Ring, Snap	
17	70021245	1	Fitting, Grease	
18	70021246	1	Fitting, Grease	
19	70021247	2	Cover, Grease Fitting	
20	70020730	2	O-Ring	
21	70020731	2	Fitting	
22	70021248	2	Tube, Hydraulic	
23	1001094556	1	Coupling, Male Quick Disconnect	
24	1001094555	1	Coupling, Female Quick Disconnect	

FIGURE 3-44. CARRIAGE ASSEMBLY - SIDE TILTING (4.0 TON - 1575 MM)

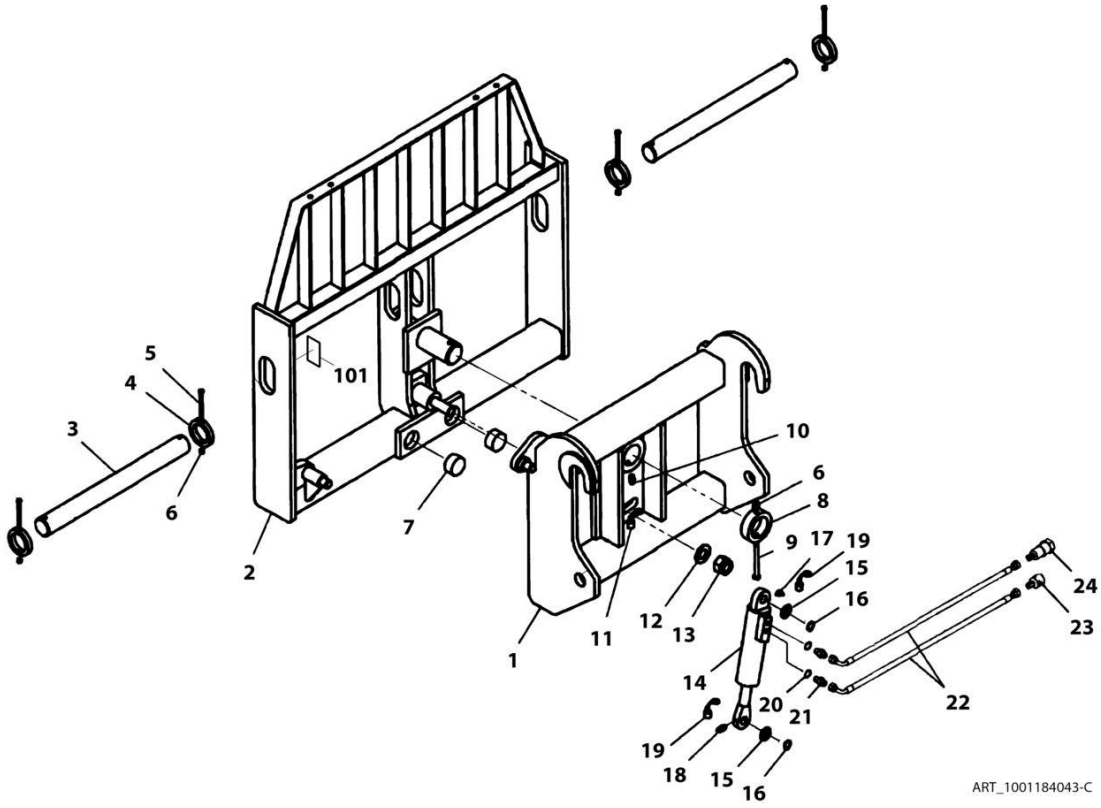


FIGURE 3-44. CARRIAGE ASSEMBLY - SIDE TILTING (4.0 TON - 1575 MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184043	1	Side Tilting Carriage (4.0 ton - 1575 MM)	E
1	N.S.S.	Ref	Weldment, Carriage	
2	70027604	1	Fork, Carriage	
3	70027605	2	Pin	
4	70027606	4	Pin, Block	
5	70027607	4	Bolt	
6	70021241	5	Locknut, M12	
7	70021238	2	Buffer	
8	70021239	1	Collar	
9	70021240	1	Bolt	
10	70021242	1	Fitting, Grease	
11	70021243	1	Cover, Grease Fitting	
12	70021244	1	Washer	
13	70022697	1	Bolt	
14	70020506	1	Cylinder	
15	70020507	1	Washer	
16	70020508	2	Ring, Snap	
17	70021245	1	Fitting, Grease	
18	70021246	1	Fitting, Grease	
19	70021247	2	Cover, Grease Fitting	
20	70020730	2	O-Ring	
21	70020731	2	Fitting, Straight	
22	70021248	2	Tube	
23	1001094556	1	Coupling, Male Quick Disconnect	
24	1001094555	1	Coupling, Female Quick Disconnect	
101	N.S.S.	Ref	Plate, Serial Number	

FIGURE 3-45. CARRIAGE ASSEMBLY - SID TILTING (4.0 TON - 1829 MM)

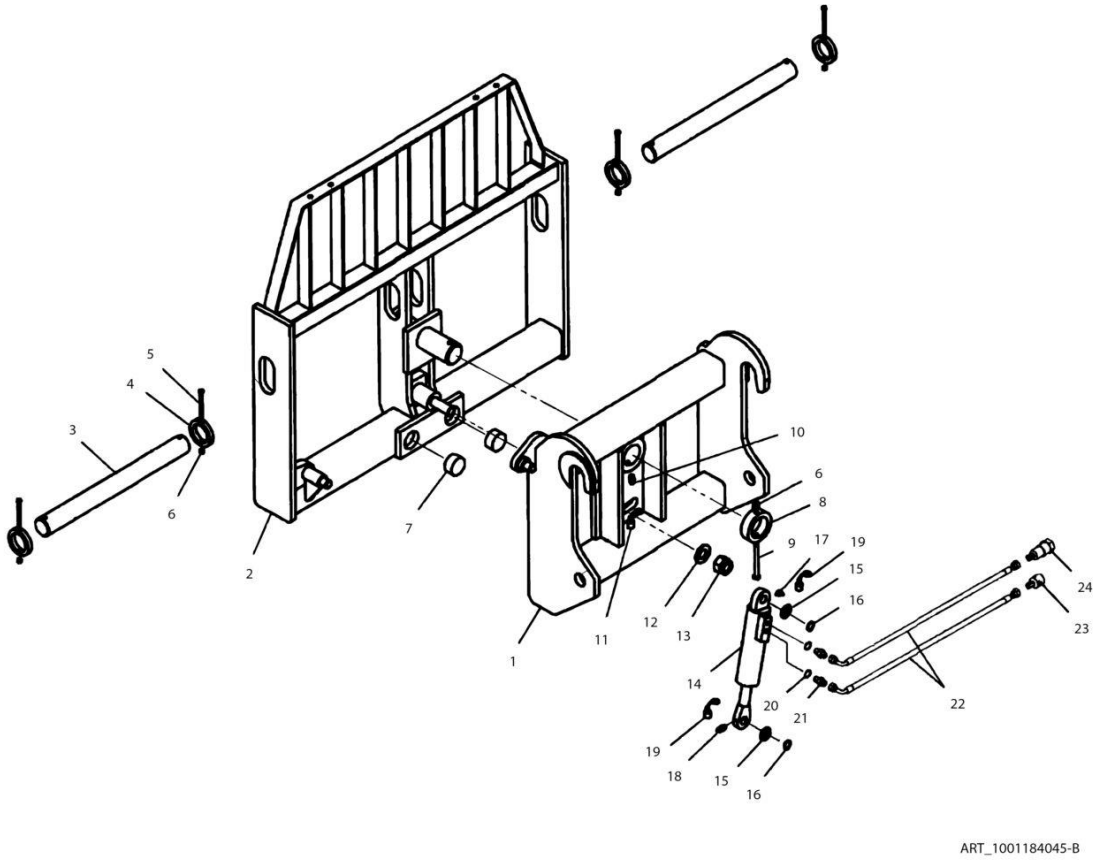


FIGURE 3-45. CARRIAGE ASSEMBLY - SID TILTING (4.0 TON - 1829 MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184045	1	Side Tilting Carriage (4.0 ton - 1829 MM)	E
1	N.S.S.	1	Weldment	
2	N.S.S.	1	Weldment, Carriage	
3	70027658	2	Shaft, Fork	
4	70027606	4	Pin, Block	
5	70027607	4	Bolt	
6	70021241	5	Nut, Lock M12	
7	70021238	2	Buffer	
8	70021239	1	Collar	
9	70021240	1	Bolt	
10	70021242	1	Fitting, Grease	
11	70021243	1	Cover	
12	70021244	1	Washer	
13	70022697	1	Nut, Lock	
14	70020506	1	Cylinder	
15	70020507	2	Washer	
16	70020508	2	Ring	
17	70021245	1	Fitting, Grease	
18	70021246	1	Fitting, Grease	
19	70021247	2	Cover	
20	70020730	2	O-Ring	
21	70020731	2	Link	
22	70027608	2	Pipe, Flexible	
23	1001094556	1	Coupling, Male Quick Disconnect	
24	1001094555	1	Coupling, Female Quick Disconnect	

FIGURE 3-46. CARRIAGE ASSEMBLY - SIDE SHIFT (4.0 TON - 1225 MM)

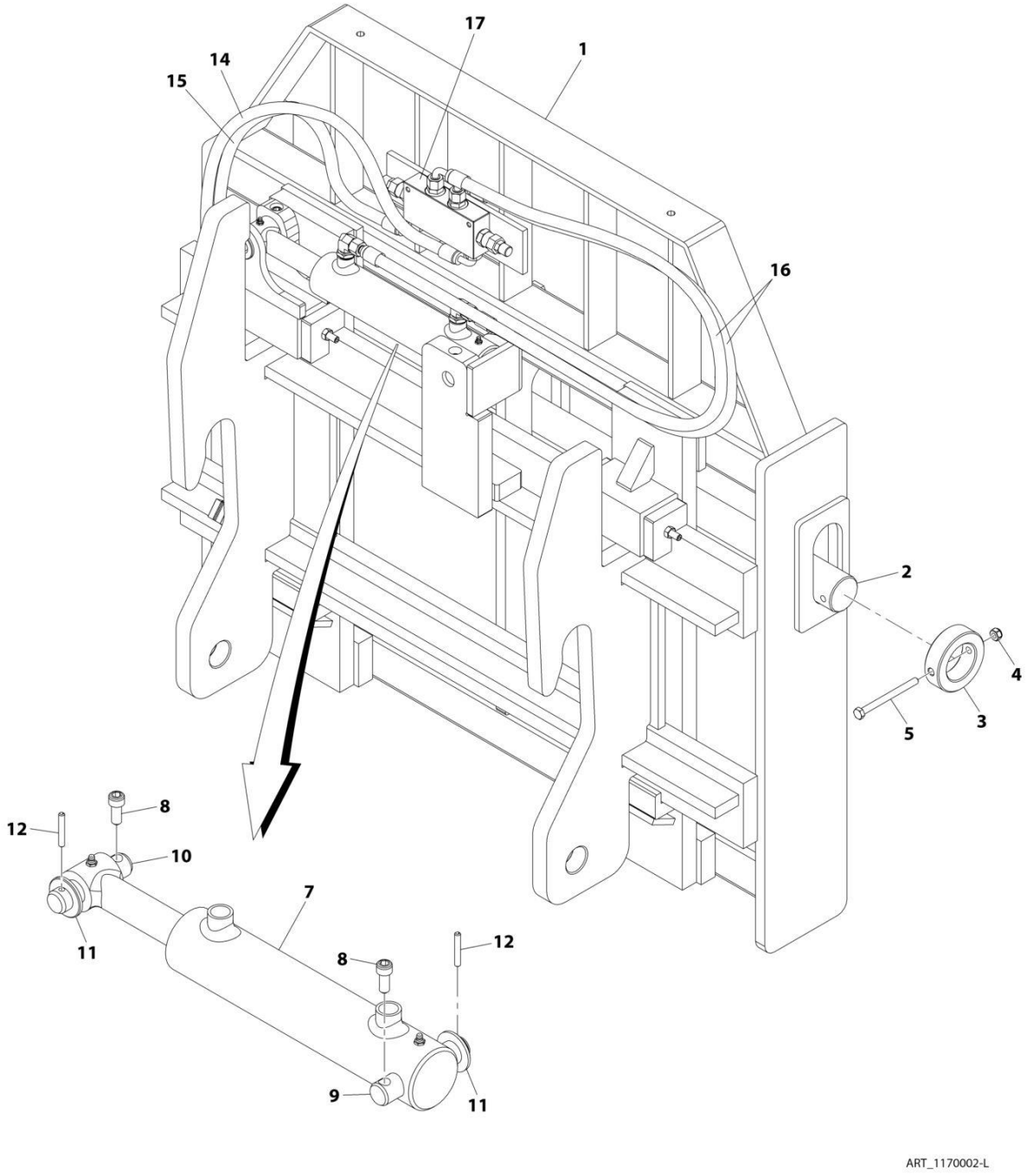


FIGURE 3-46. CARRIAGE ASSEMBLY - SIDE SHIFT (4.0 TON - 1225 MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1170002	Ref	Side Shift Carriage (4.0 ton - 1255 MM)	L
1	N.S.S.	1	Carriage, Side Shift	
2	7028136	1	Bar, Fork Carrier	
3	7028137	2	Collar	
4	3291005	2	Nut, Lock M10X1.5	
5	0701029	2	Bolt, M10X120	
7	70021558	1	Cylinder	
8	70021559	2	Bolt	
9	70021560	1	Pin	
10	70021561	1	Pin	
11	70021562	2	Washer	
12	70021563	2	Pin	
13	N.S.S.	1	Plate, Serial Number, (not shown)	
14	70029011	3	Hose	
15	70029012	1	Hose	
16	70029013	2	Hose	
17	70027291	1	Balancing Valve	

FIGURE 3-47. CARRIAGE ASSEMBLY - FORK POSITIONING (4.0 TON - 1225 MM)

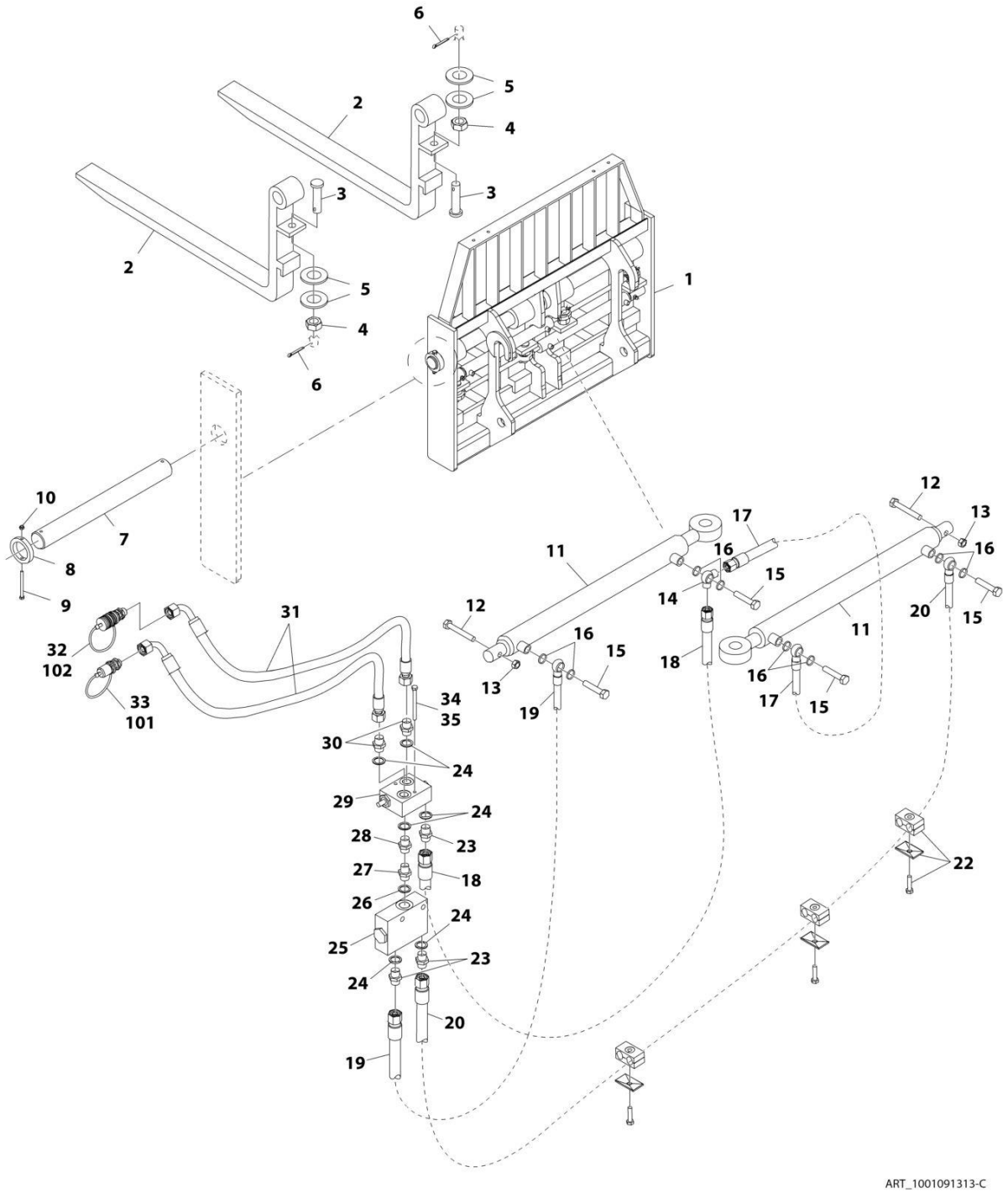


FIGURE 3-47. CARRIAGE ASSEMBLY - FORK POSITIONING (4.0 TON - 1225 MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001091313	Ref	Fork Positioning Carriage with Forks (4.0 ton)	D
1	N.S.S.	1	Weldment	
2	70022922	2	Forks, (100X50X1200), (2000kg per fork)	
3	70021835	2	Rod Pin	
4	70026018	2	Nut	
5	70028978	4	Washer	
6	70021836	2	Split Pin	
7	70022923	2	Carriage Shaft	
8	70022924	4	Shaft Collar	
9	70028979	4	Bolt	
10	70021241	4	Hex Locknut, M12	
11	70023276	2	Cylinder	
11	70023278	AR	Seal Kit, (use with cylinders marked 1.3351.01C.02.01)	
11	70023277	AR	Seal Kit, (use with cylinders marked 1.3351.01C.02.02)	
13	70028031	2	Locknut	
12	70028028	2	Bolt	
14	70022925	1	Elbow, 90	
15	1001103530	4	Bolt	
16	70020730	8	O-Ring	
17	70021838	1	Hose	
18	70021839	1	Hose	
19	70021840	1	Hose	
20	70021841	1	Hose	
22	1001103533	3	Clamp Set, (includes screw and plate)	
23	70020731	3	Fitting	
24	70022907	6	O-Ring	
25	70021842	1	Counter Valve	
26	70022927	1	O-Ring	
27	70022928	1	Fitting	
28	70022929	1	Fitting	
29	70021843	1	Pressure Valve	
30	70022906	2	Adapter	
31	70022930	2	Pipe	
32	1001094555	1	Female Quick Disconnect Coupling	
33	1001094556	1	Male Quick Disconnect Coupling	
34	70028980	2	Bolt	
35	70022912	2	Nut	
101	1001093826	1	Dust Cap	
102	1001093827	1	Dust Plug	

FIGURE 3-48. CARRIAGE ASSEMBLY - FEM CARRIAGE AND FORKS

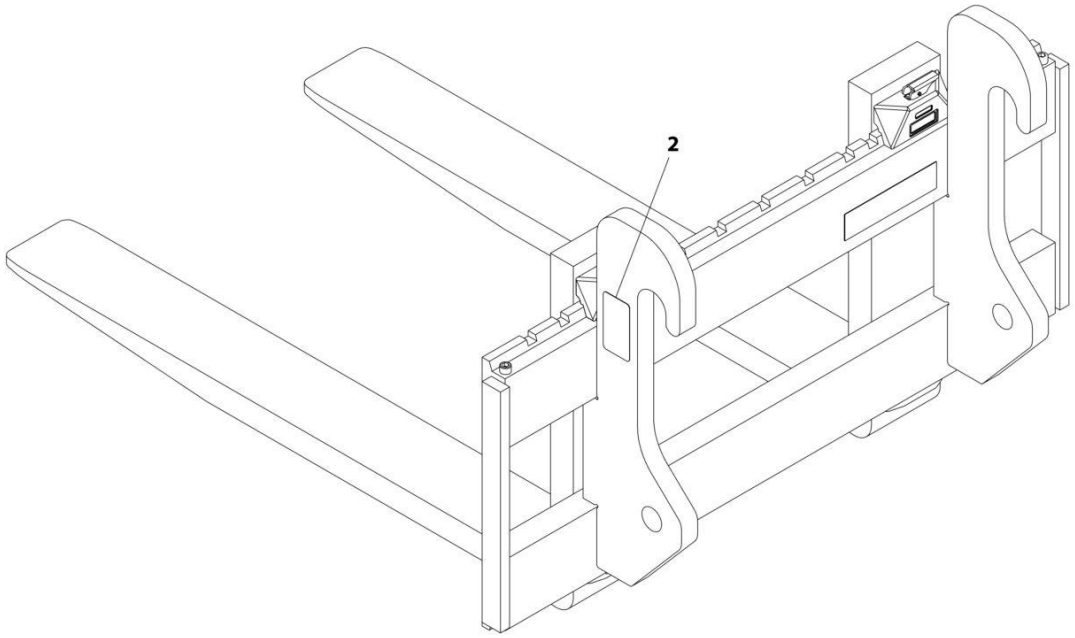


FIGURE 3-48. CARRIAGE ASSEMBLY - FEM CARRIAGE AND FORKS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001265218	Ref	FEM CARRIAGE AND FORKS	A
1	N.S.S.	1	Plate, Serial Number	

FIGURE 3-49. FORK - LUMBER (45X150X1540)

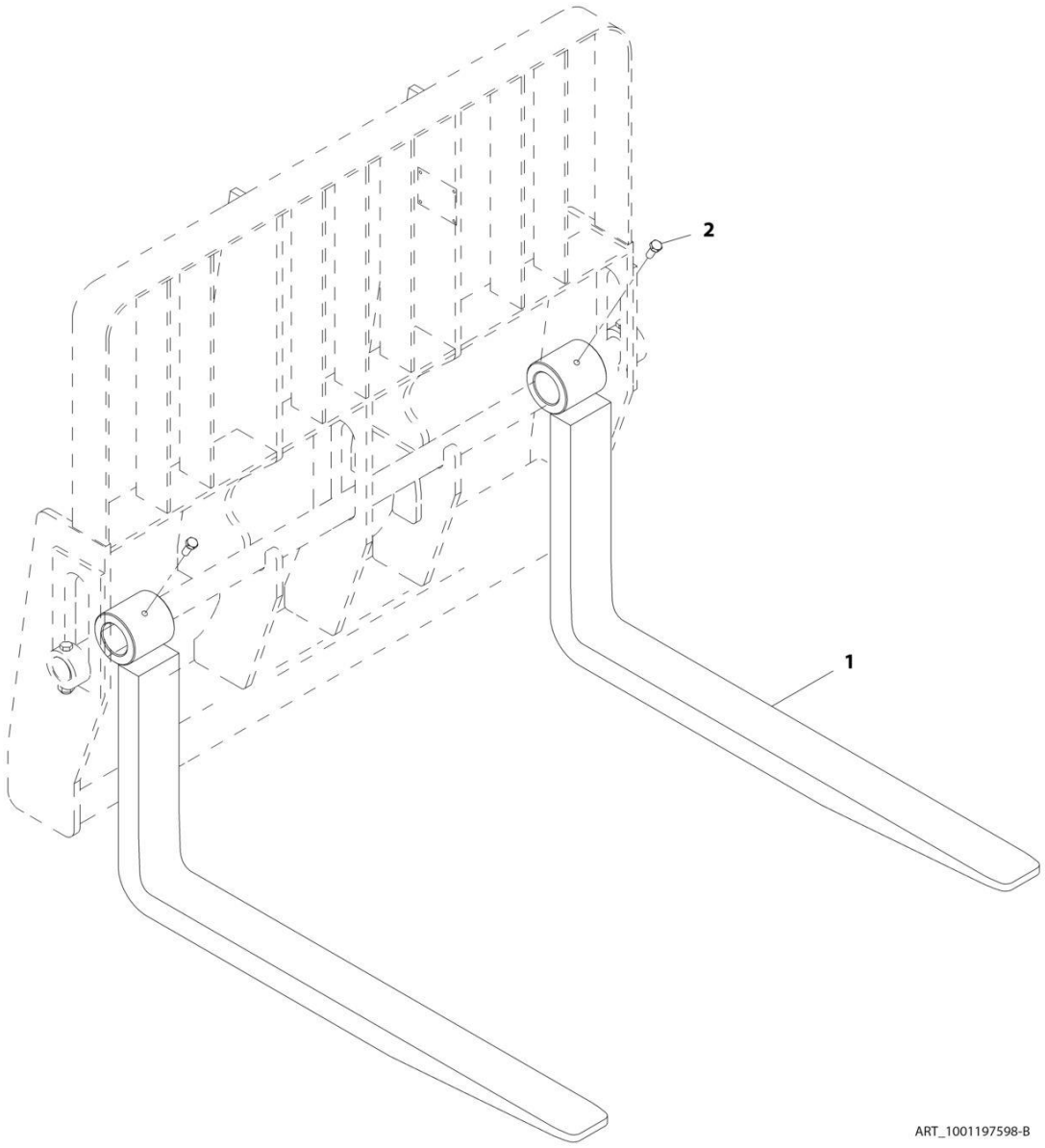


FIGURE 3-49. FORK - LUMBER (45X150X1540)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001197598	2	Lumber Fork (45X150X1540)	B
2	70027180	2	Screw, M16X30	
	Note	Ref	FORKS RATED LESS THAN THE ATTACHMENT OR MACHINE'S CAPACITY DECREASES CAPACITY OF THE ATTACHMENT OR MACHINE TO THAT OF THE FORKS. FORKS RATED MORE THAN THE ATTACHMENT OR MACHINE'S CAPACITY DO NOT INCREASE ATTACHMENT OR MACHINE'S CAPACITY.	
	Note	Ref	PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.	

FIGURE 3-50. FORK - LUMBER (50X150X1830)

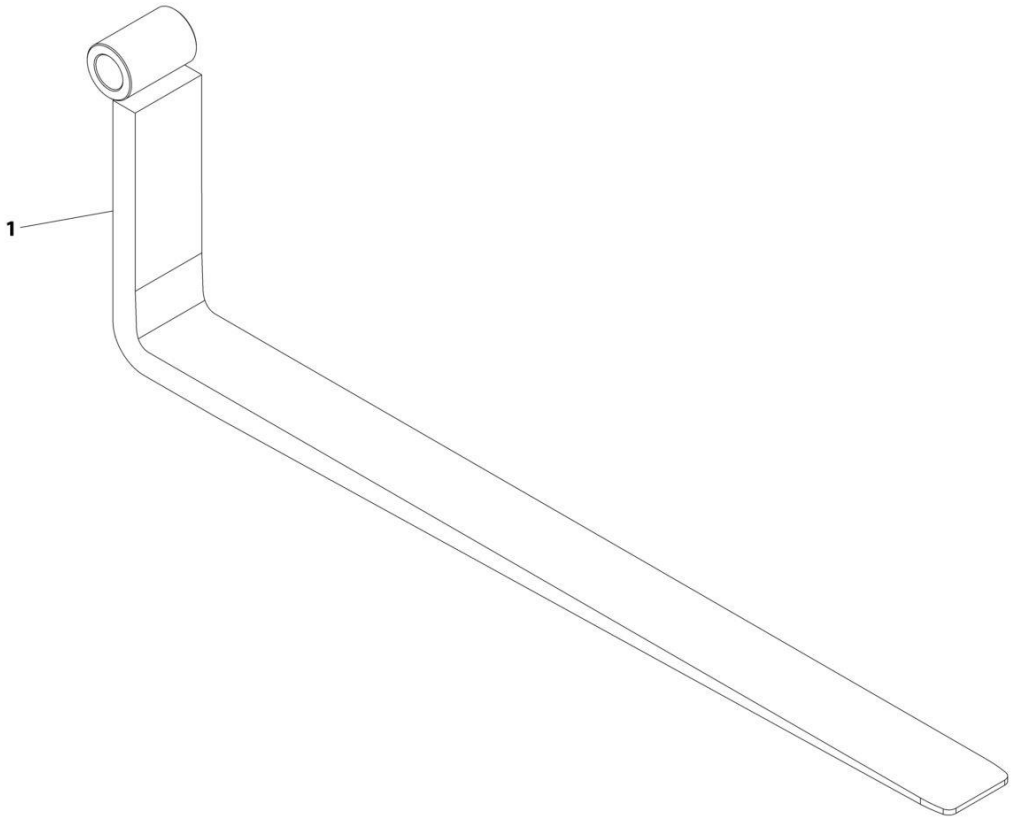


FIGURE 3-50. FORK - LUMBER (50X150X1830)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001257317	2	Lumber Fork (50X150X1830)	B
	Note	Ref	FORKS RATED LESS THAN THE ATTACHMENT OR MACHINE'S CAPACITY DECREASES CAPACITY OF THE ATTACHMENT OR MACHINE TO THAT OF THE FORKS. FORKS RATED MORE THAN THE ATTACHMENT OR MACHINE'S CAPACITY DO NOT INCREASE ATTACHMENT OR MACHINE'S CAPACITY.	
	Note	Ref	PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.	

FIGURE 3-51. FORK - PALLET (50X100X1200)

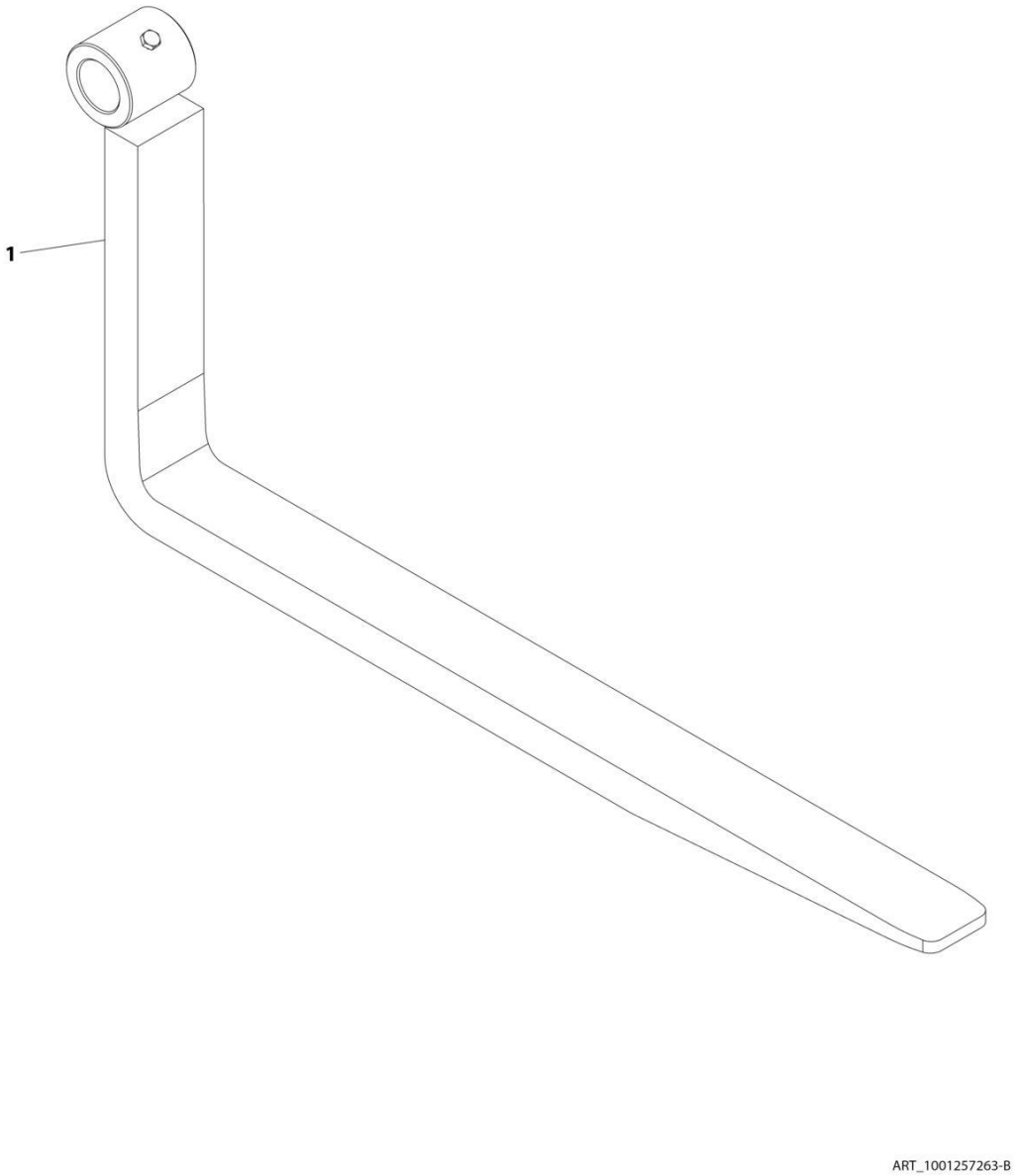
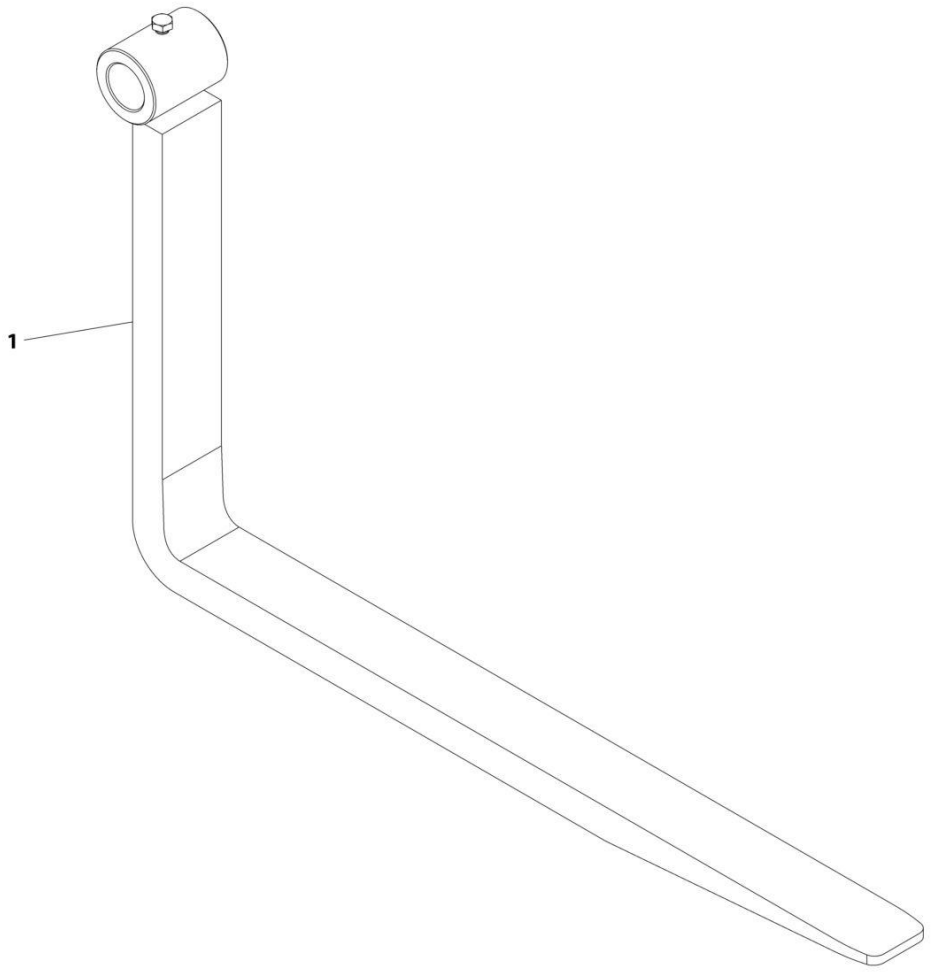


FIGURE 3-51. FORK - PALLET (50X100X1200)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001257263	1 pr	Pallet Fork (50X100X1200)	B
	Note	Ref	FORKS RATED LESS THAN THE ATTACHMENT OR MACHINE'S CAPACITY DECREASES CAPACITY OF THE ATTACHMENT OR MACHINE TO THAT OF THE FORKS. FORKS RATED MORE THAN THE ATTACHMENT OR MACHINE'S CAPACITY DO NOT INCREASE ATTACHMENT OR MACHINE'S CAPACITY.	
	Note	Ref	PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.	

FIGURE 3-52. FORK - PALLET (50X100X1200) (CE & AUS WITH SIDE SHIFT CARRIAAGE) (4.0 TON - 1225MM)



ART_1001257265-B

FIGURE 3-52. FORK - PALLET (50X100X1200) (CE & AUS WITH SIDE SHIFT CARRIAAGE) (4.0 TON - 1225MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001257265	2 pr	Pallet Fork (50X100X1200)	B
	Note	Ref	FORKS RATED LESS THAN THE ATTACHMENT OR MACHINE'S CAPACITY DECREASES CAPACITY OF THE ATTACHMENT OR MACHINE TO THAT OF THE FORKS. FORKS RATED MORE THAN THE ATTACHMENT OR MACHINE'S CAPACITY DO NOT INCREASE ATTACHMENT OR MACHINE'S CAPACITY.	
	Note	Ref	PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.	

FIGURE 3-53. FORK - PALLET (50X120X1200)

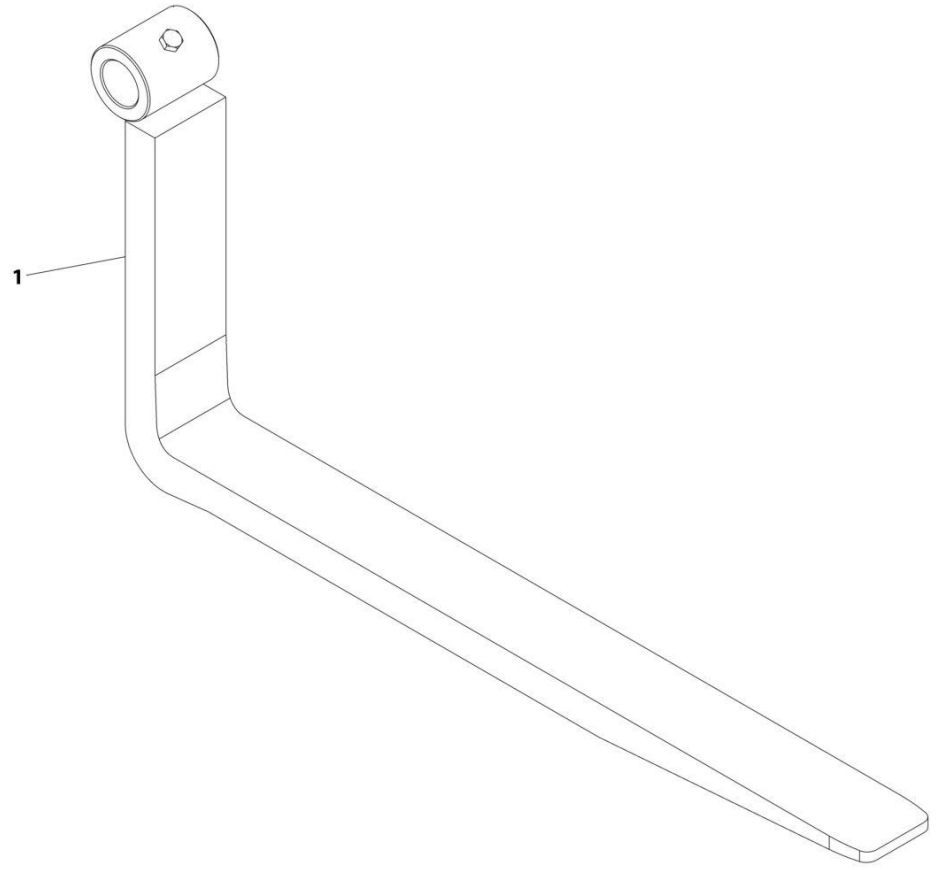


FIGURE 3-53. FORK - PALLET (50X120X1200)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257327	1	Fork-Pallet (50X120X1200)	B
	Note	Ref	FORKS RATED LESS THAN THE ATTACHMENT OR MACHINE'S CAPACITY DECREASES CAPACITY OF THE ATTACHMENT OR MACHINE TO THAT OF THE FORKS. FORKS RATED MORE THAN THE ATTACHMENT OR MACHINE'S CAPACITY DO NOT INCREASE ATTACHMENT OR MACHINE'S CAPACITY.	
	Note	Ref	PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.	

FIGURE 3-54. FORK - PALLET (60X125X1220)

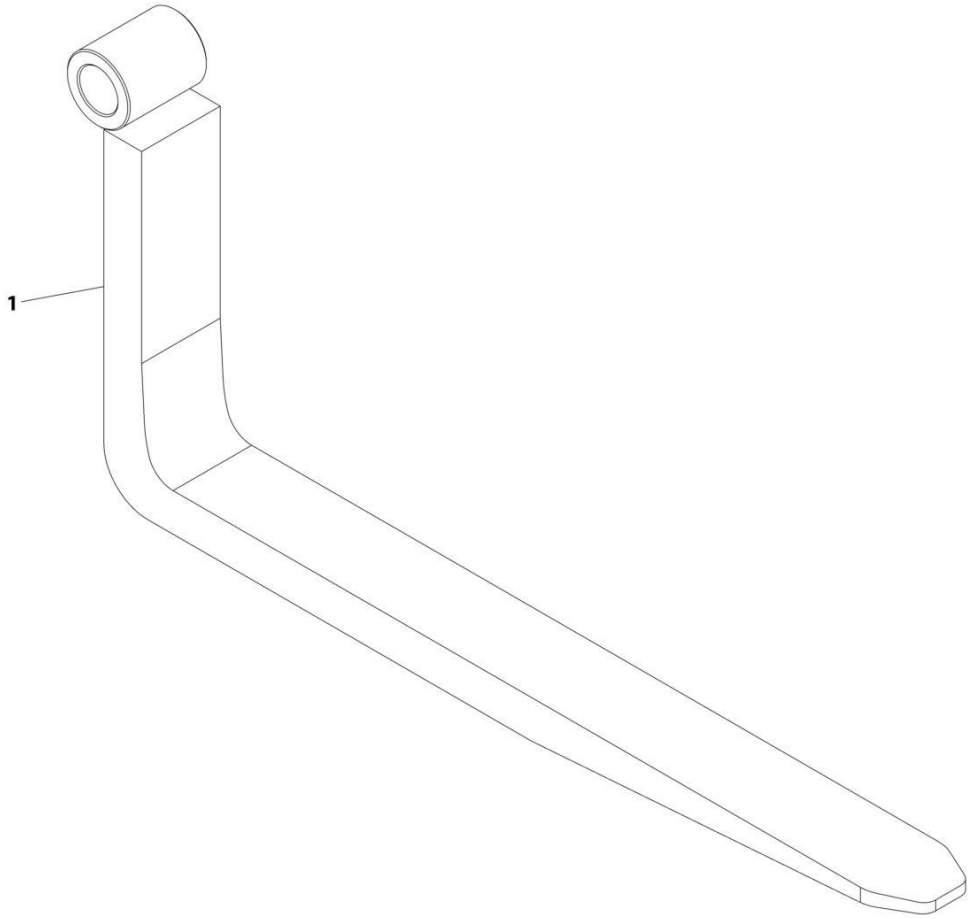


FIGURE 3-54. FORK - PALLET (60X125X1220)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257318	1 pr	Pallet Fork (60X125X1220)	B
	Note	Ref	FORKS RATED LESS THAN THE ATTACHMENT OR MACHINE'S CAPACITY DECREASES CAPACITY OF THE ATTACHMENT OR MACHINE TO THAT OF THE FORKS. FORKS RATED MORE THAN THE ATTACHMENT OR MACHINE'S CAPACITY DO NOT INCREASE ATTACHMENT OR MACHINE'S CAPACITY.	
	Note	Ref	PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.	

FIGURE 3-55. FORK - MUCK WITH GRAB

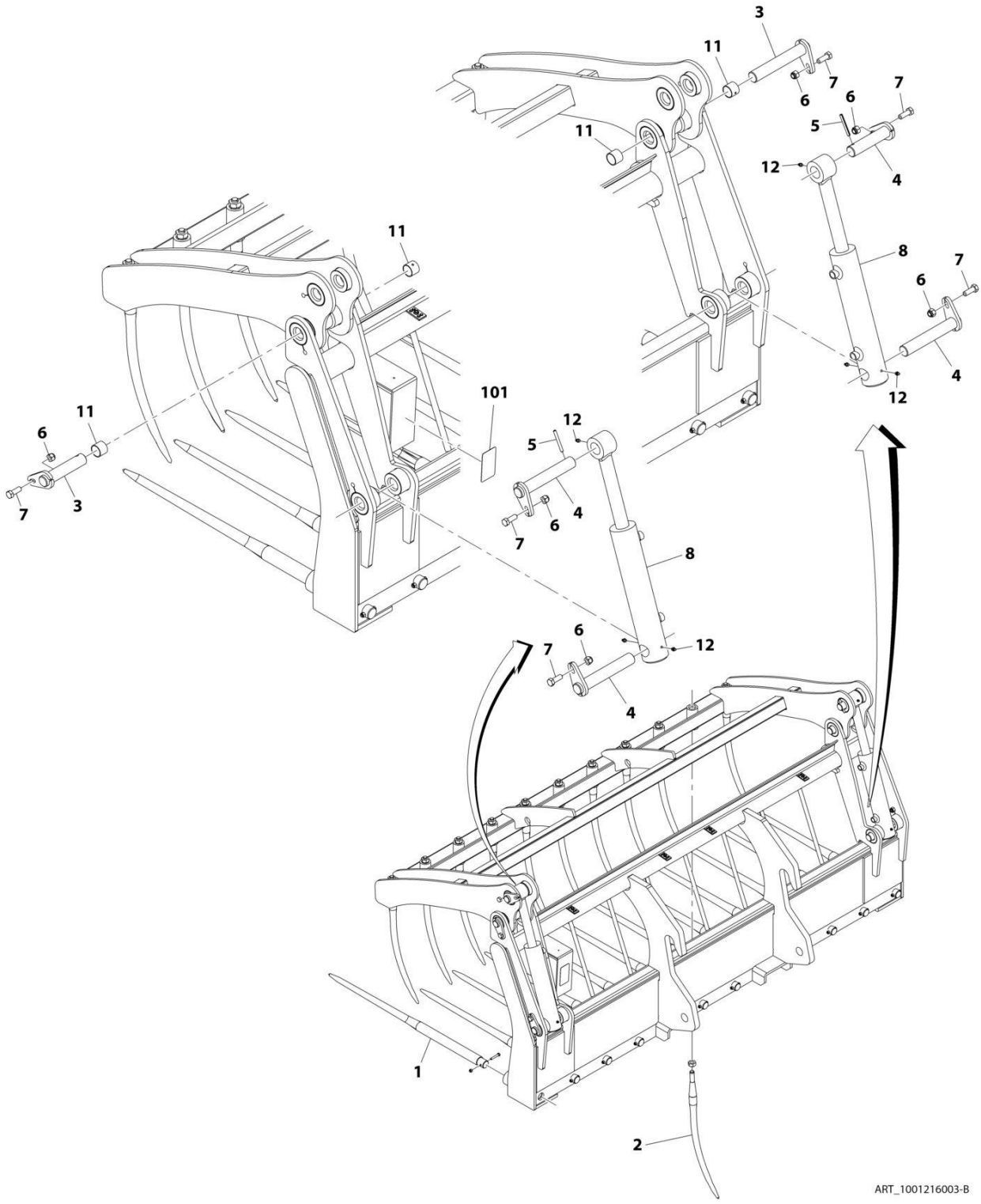


FIGURE 3-55. FORK - MUCK WITH GRAB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216003	1	Muck Fork and Grab (2450MM)	D
1	70027302	12	Right Electro-Forged Fingers	
2	70027324	11	Curved Electro-Forged Fingers	
3	70027293	2	Pin	
4	70027294	4	Pin	
5	70027298	2	Roll Pin	
6	70027296	6	Nut	
7	70027297	6	Screw	
8	7028127	2	Cylinder	
9	70027295	2	Hose (not shown)	
10	70028436	2	Hose (not shown)	
11	7028131	10	Ring	
12	7028918	6	Grease Nipple	
101	N.S.S.	1	Plate, Serial Number	

FIGURE 3-56. FORK - DUAL TINE BAILING WITH CARRIAGE

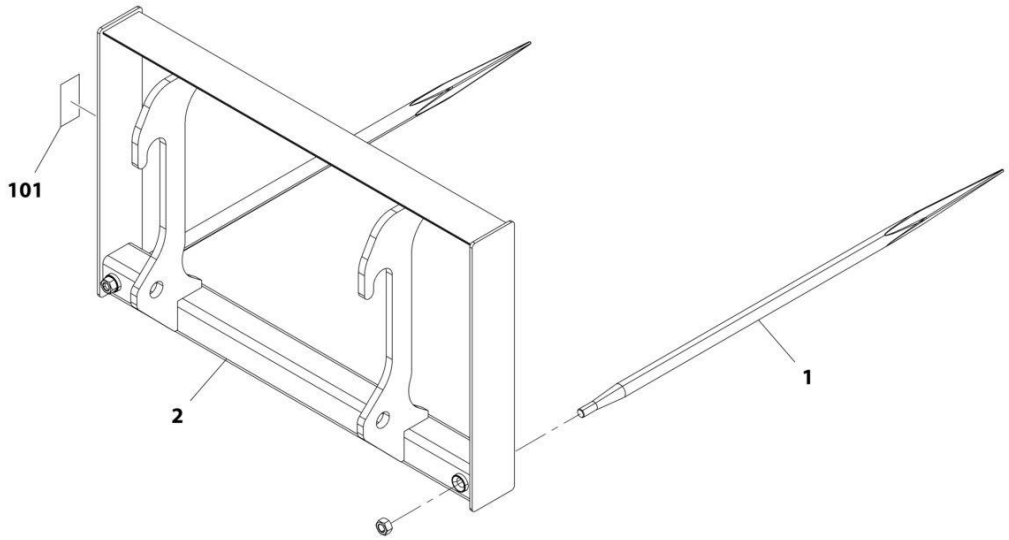


FIGURE 3-56. FORK - DUAL TINE BAILING WITH CARRIAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001211897	1	Dual Tine Bailing Fork Carriage	B
1	70027631	2	Tine, Bale (includes Hex Nut)	
2	N.S.S.	Ref	Weldment, Carriage	
101	N.S.S.	Ref	Plate, Serial Number	

FIGURE 3-57. FORK _ EXTENSIONS (62X163X2286) (ANSI)

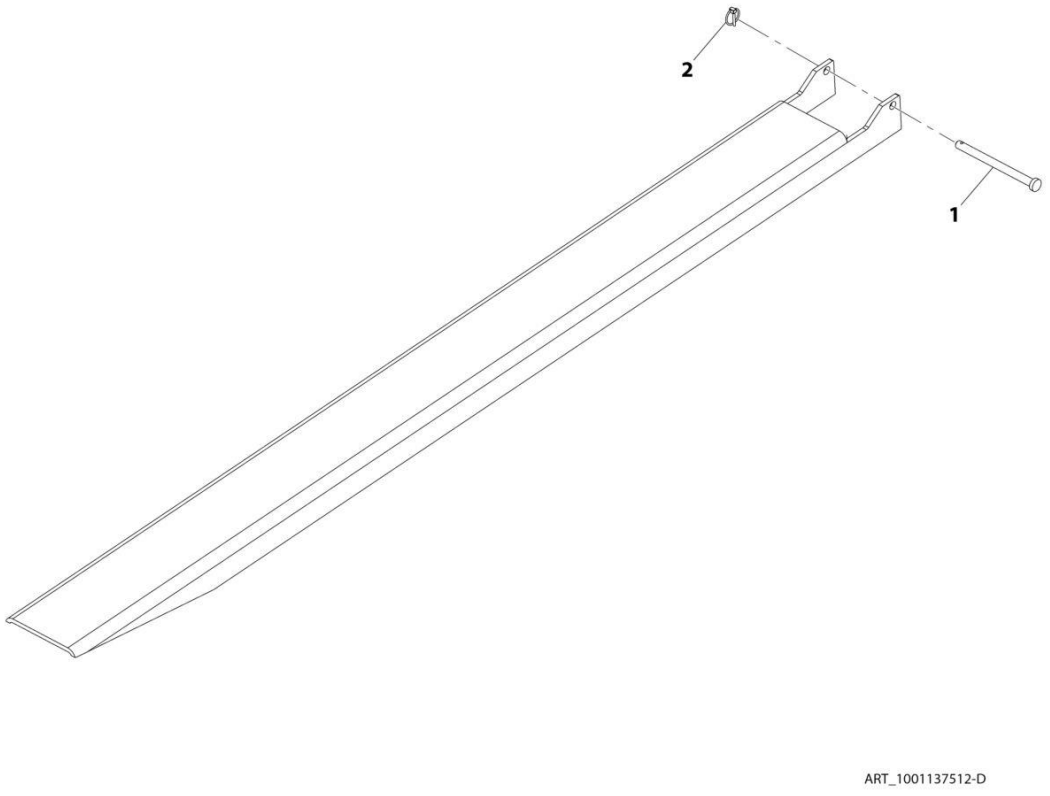


FIGURE 3-57. FORK _ EXTENSIONS (62X163X2286) (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137512	2 pr	Fork Extensions (62X163X2286)	D
1	70024306	1	Pin	
2	70024307	1	Clip	

FIGURE 3-58. HOOK_CRANE (FORK MOUNTED)

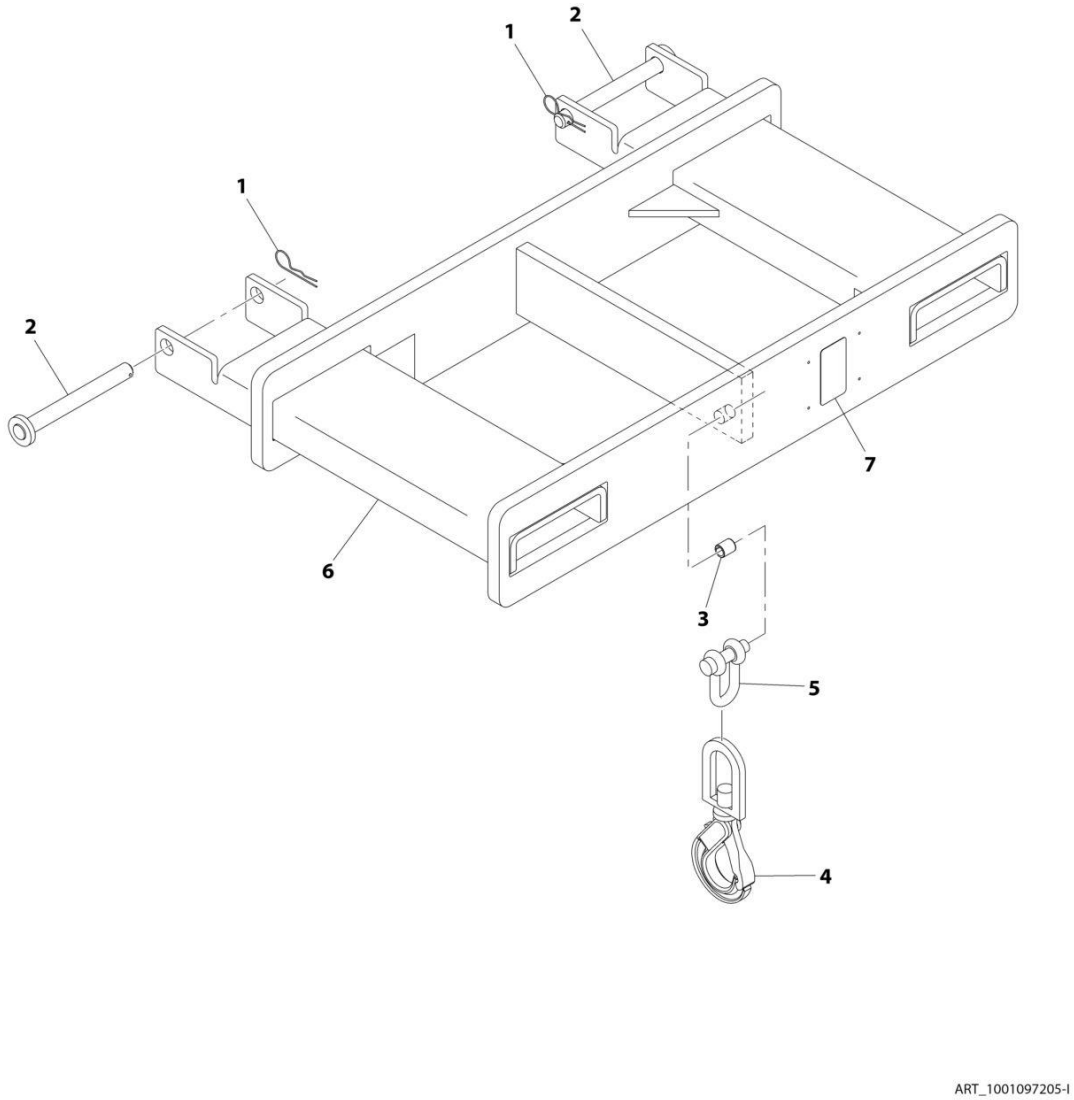


FIGURE 3-58. HOOK_CRANE (FORK MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001097205	Ref	Fork Mounted Hook (4 Ton)	J
1	7029520	2	Pin, Cotter	
2	1001093171	2	Pin	
3	70020555	1	Bushing	
4	90554080	1	Hook	
5	7029521	1	Shackle	
6	See Note	NSS	Frame, Hook (Note: Purchase Complete Assembly)	
7	See Note	NSS	S/N Plate (Note: Stamped Part - Not Available for Purchase)	

FIGURE 3-59. TRASH HOPPER INSTALLATION

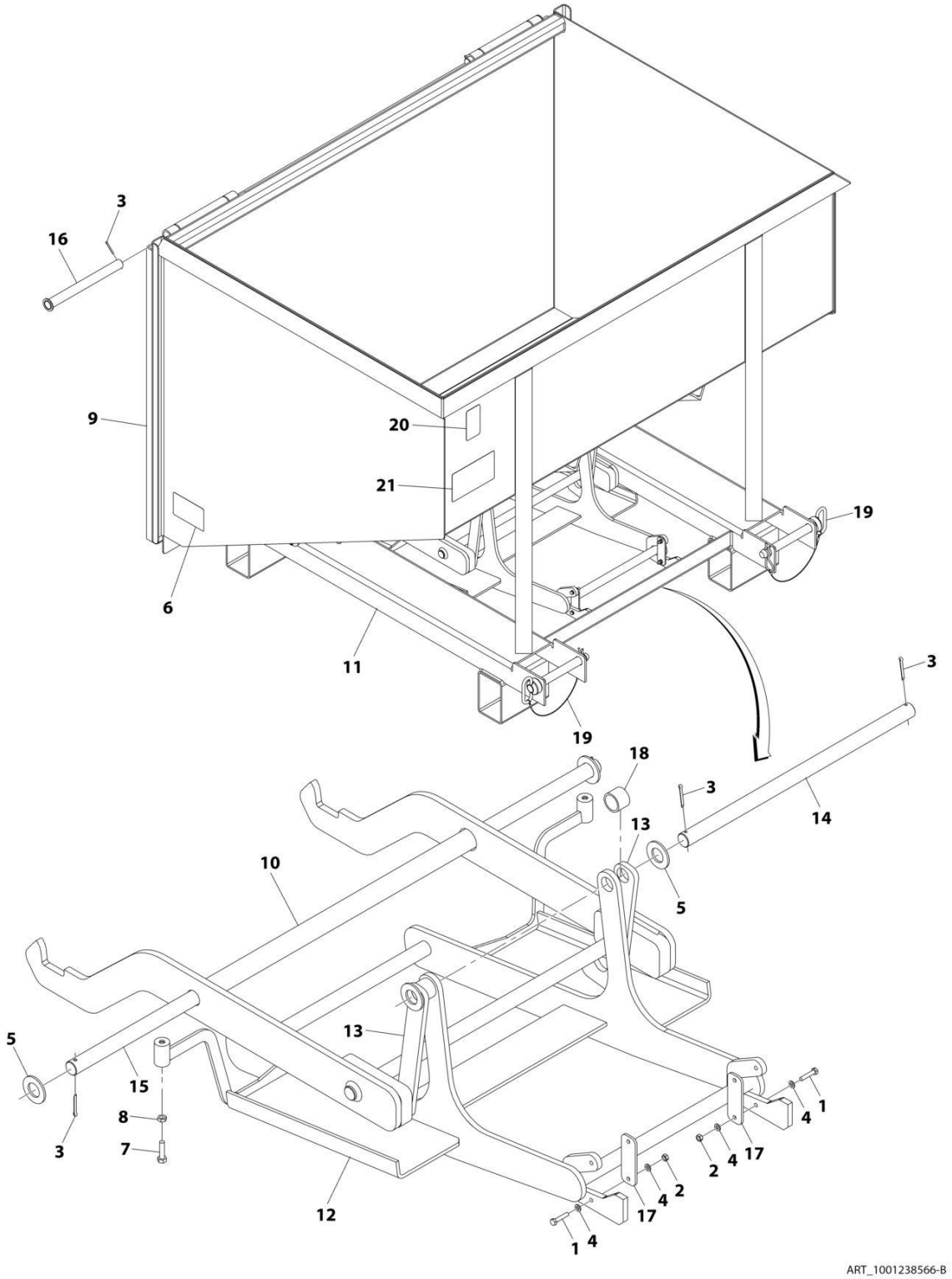


FIGURE 3-59. TRASH HOPPER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238566	Ref	FORK MOUNTED TRASH HOPPER	C
1	0700614	4	Bolt M6 x 30	
2	3290601	4	Nut M6 x 1	
3	3391410	6	Pin	
4	4811700	8	Washer M6	
5	5242400	4	Washer M24	
6	1706302	2	Decal, Pinch Point	
7	0641510	2	Bolt 5/16 x 1-1/4	
8	3311502	2	Nut 5/16	
9	1001192711	1	Door Assembly	
10	1001192720	1	Hook Assembly	
11	See Note	NSS	Hopper, Trash (Note: Purchase Complete Assembly)	
12	1001192875	1	Tray Assembly	
13	1001192876	2	Arm, Swing	
14	1001192877	1	Rod, Swing	
15	1001238570	1	Bar	
16	1001193540	2	Pin	
17	1001193729	2	Plate	
18	1001198355	2	Spacer	
19	1001238560	2	Pin	
20	See Note	NSS	SN Plate (Note:Stamped Part - Not Available for Purchase)	
21	1001203503	1	Decal, Trash Hopper Operation	

FIGURE 3-60. TRUSS BOOM (0.9 TON - 3.5M/12FT WITH WINCH)

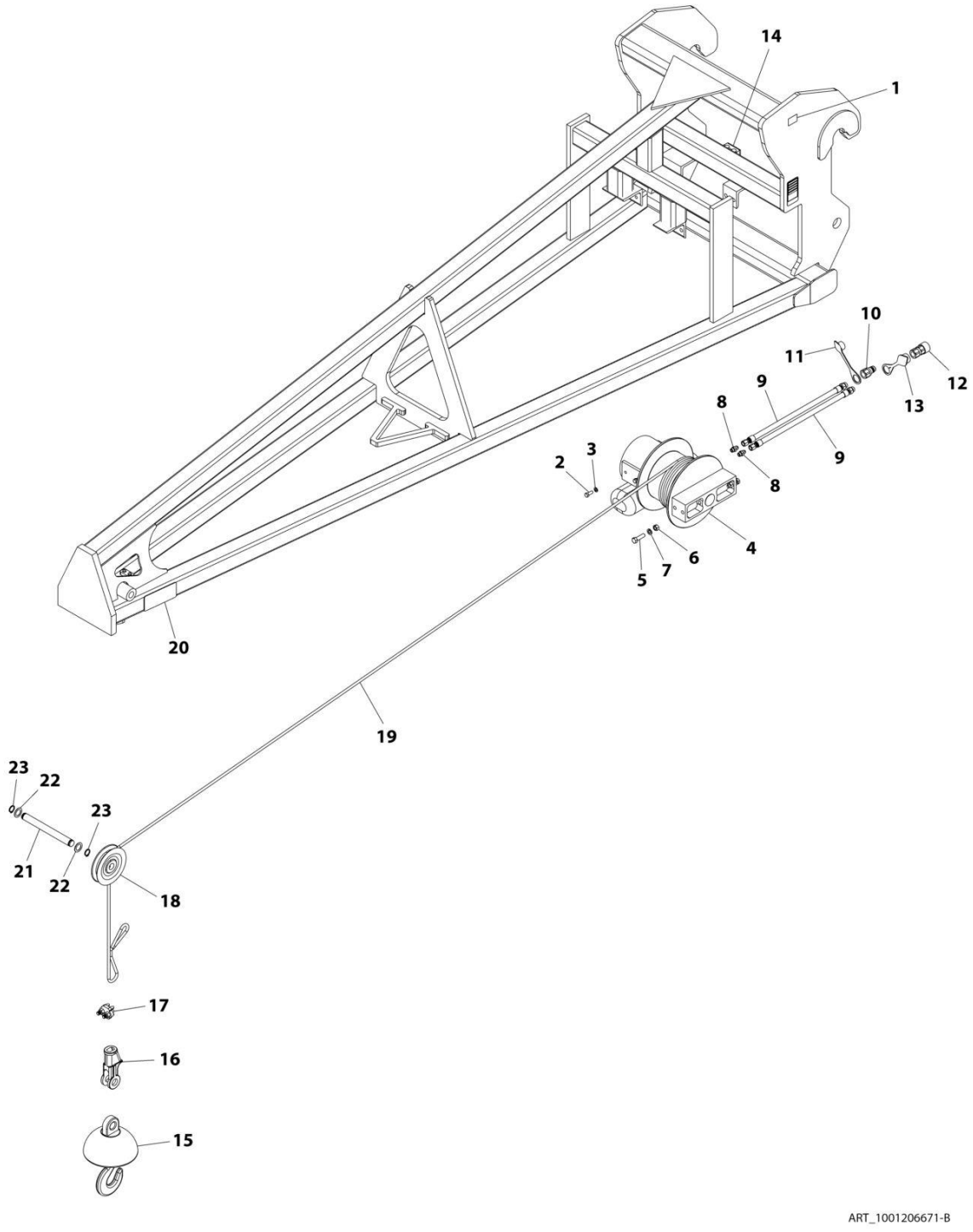


FIGURE 3-60. TRUSS BOOM (0.9 TON - 3.5M/12FT WITH WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206671	1	Truss Boom	E
1	90554016	1	Decal	
2	70021349	4	Bolt	
3	90554042	4	Washer	
4	70021921	1	Winch, Truss Boom, Assembly	
5	70024059	2	Bolt	
6	90554054	2	Nut	
7	90554020	2	Washer	
8	70021415	2	Fitting	
9	70026702	2	Hose	
10	1001101041	1	Hydraulic Couplier, Male	
11	1001093826	1	Dust Cap, Male	
12	1001101042	1	Hydraulic Couplier, Female	
13	1001093827	1	Plug, Dust, Female	
14	70021387	1	Hose Clamp	
15	70021978	1	Ball Swivel Safety Hook	
16	70021979	1	Wedge Socket Assembly	
17	70022528	1	Clamp, Cable	
18	70021935	1	Sheave, Grooved Pulley	
19	70022028	1	Cable	
20	70027790	2	Decal	
21	70022529	1	Pin	
22	70027009	2	Washer	
23	70026698	2	Ring, Snap	

FIGURE 3-61. TRUSS BOOM (1 TON - 3.4M/11FT)

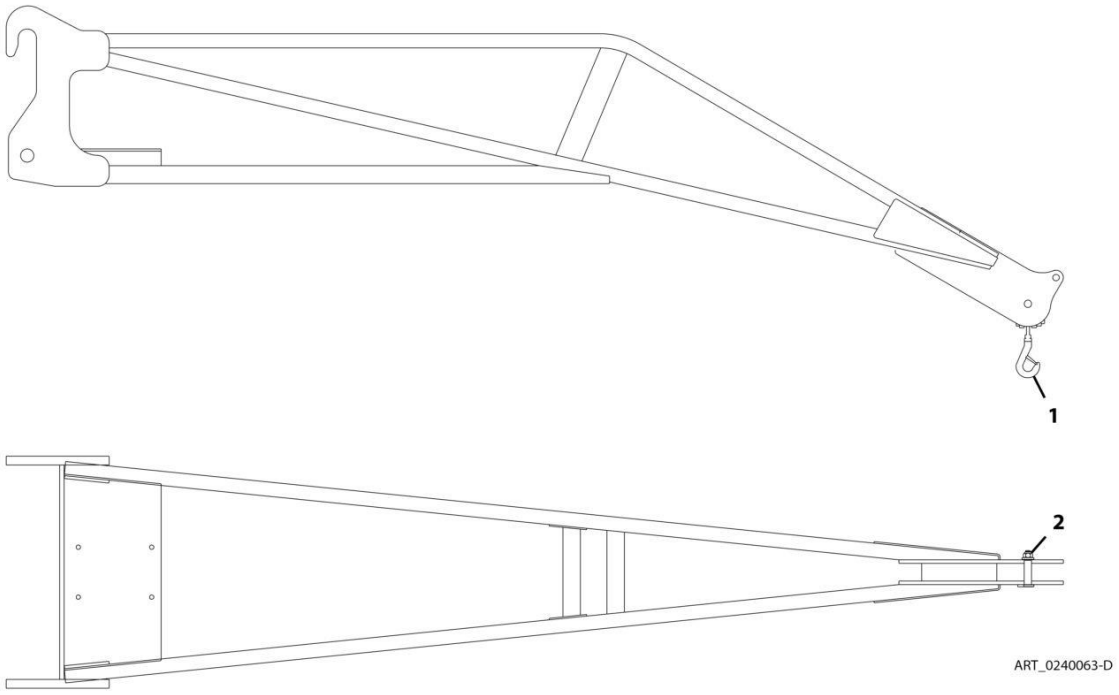


FIGURE 3-61. TRUSS BOOM (1 TON - 3.4M/11FT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0240063	Ref	Truss Boom (1 Ton - 3.4M)	D
1	70020421	1	Hook	
2	70020422	1	Bolt	

FIGURE 3-62. TRUSS BOOM (1TON - 3.5M/12FT)

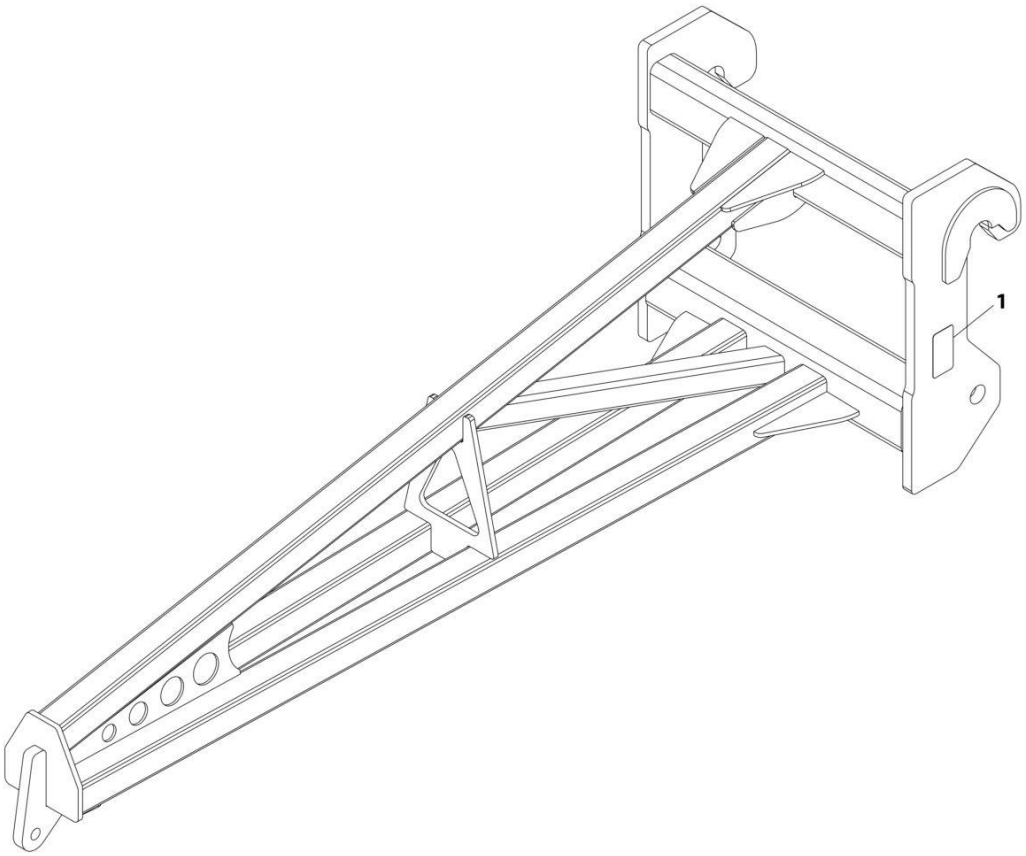


FIGURE 3-62. TRUSS BOOM (1TON - 3.5M/12FT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001292995	Ref	TRUSS BOOM	A
1	See Note	NSS	Plate, Serial Number (Note: Not Available for Purchase)	

FIGURE 3-63. TRUSS BOOM (1.8 TON - 0.9M/3FT WITH WINCH)

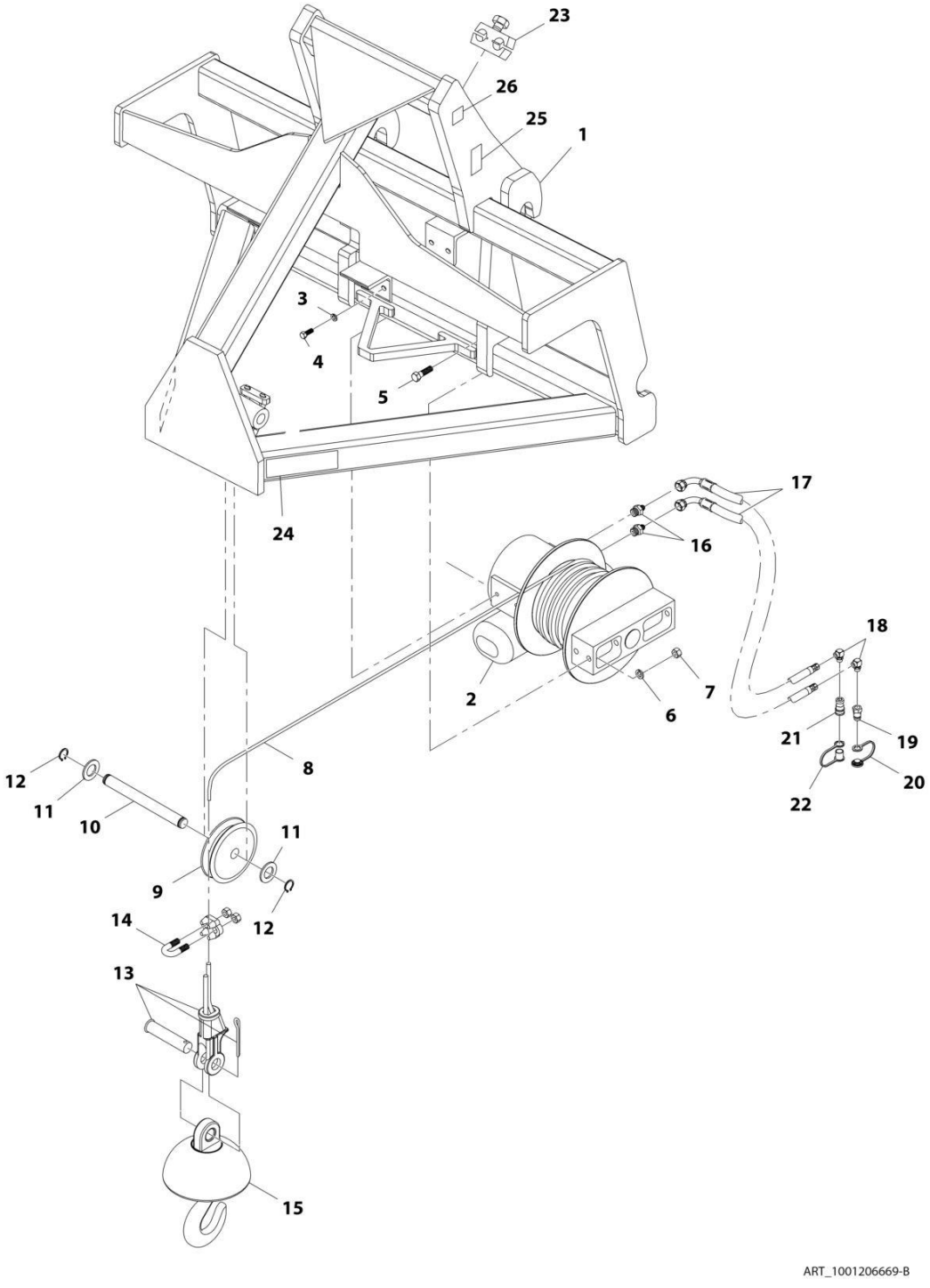


FIGURE 3-63. TRUSS BOOM (1.8 TON - 0.9M/3FT WITH WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206669	1	Truss Boom (1.8 Ton - 3 FT with Winch)	E
1	N.S.S.	1	Weldment, Truss Boom Frame	
2	70021921	1	Winch	
3	90554042	4	Washer	
4	70021349	4	Bolt	
5	70024059	2	Bolt	
6	90554020	2	Washer	
7	90554054	2	Nut	
8	70022028	1	Cable	
9	70021935	1	Pulley	
10	70022529	1	Pin	
11	70027009	2	Washer	
12	70026698	2	Ring, Snap	
13	70021979	1	Assembly, Socket (includes Pin & Cotter Pin)	
14	70022528	1	Clamp	
15	70021978	1	Hook, Ball Swivel	
16	70021415	2	Fitting	
17	70021977	2	Hose	
18	70022527	2	Fitting, 90	
19	7029692	1	Coupler, Male Quick	
20	1001003475	1	Cap, Dust	
21	70021342	1	Coupler, Female Quick	
22	1001003474	1	Plug, Dust	
23	70021387	1	Clamp, Hose	
24	4110422	2	Decal, Swinging Loads Danger	
25	N.S.S.	1	Plate, Serial Number	
26	90554016	1	Decal, Made in USA	

FIGURE 3-64. TRUSS BOOM (4.4 TON - 2.1M/6.75FT)

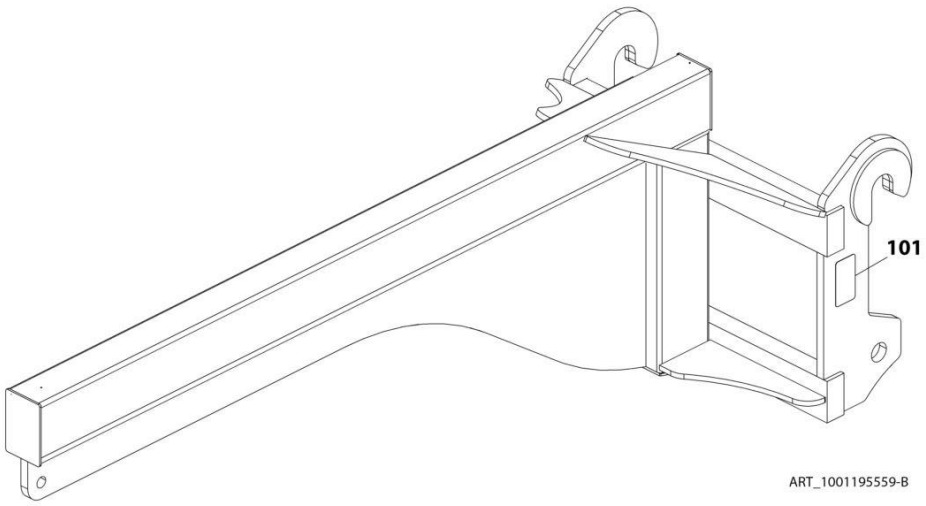


FIGURE 3-64. TRUSS BOOM (4.4 TON - 2.1M/6.75FT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001195559	1	Truss Boom (4 Ton - 2.1M)	B
101	N.S.S.	1	Plate, Serial Number	

FIGURE 3-65. TRUSS BOOM (4.4TON - 2.3M/7.5FT)

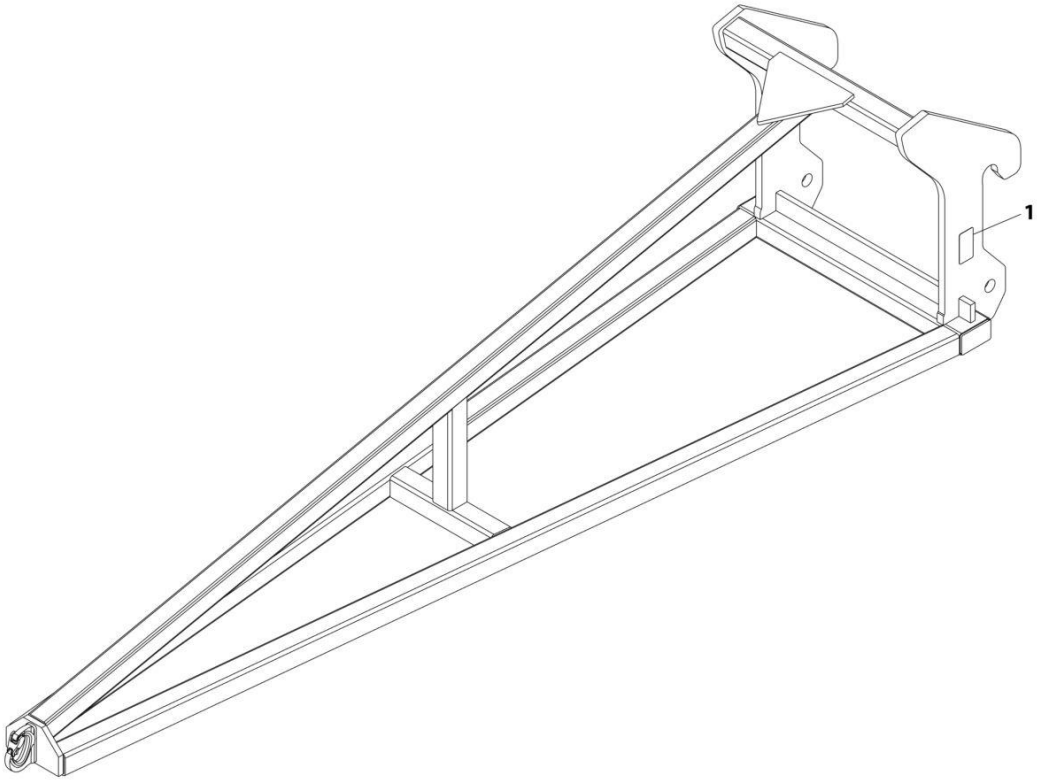


FIGURE 3-65. TRUSS BOOM (4.4TON - 2.3M/7.5FT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001292996	Ref	TRUSS BOOM	A
1	See Note	NSS	Plate, Serial Number (Note: Not Available for Purchase)	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-1. ENGINE INSTALLATION (90KW - ULS - PISTON PUMP)

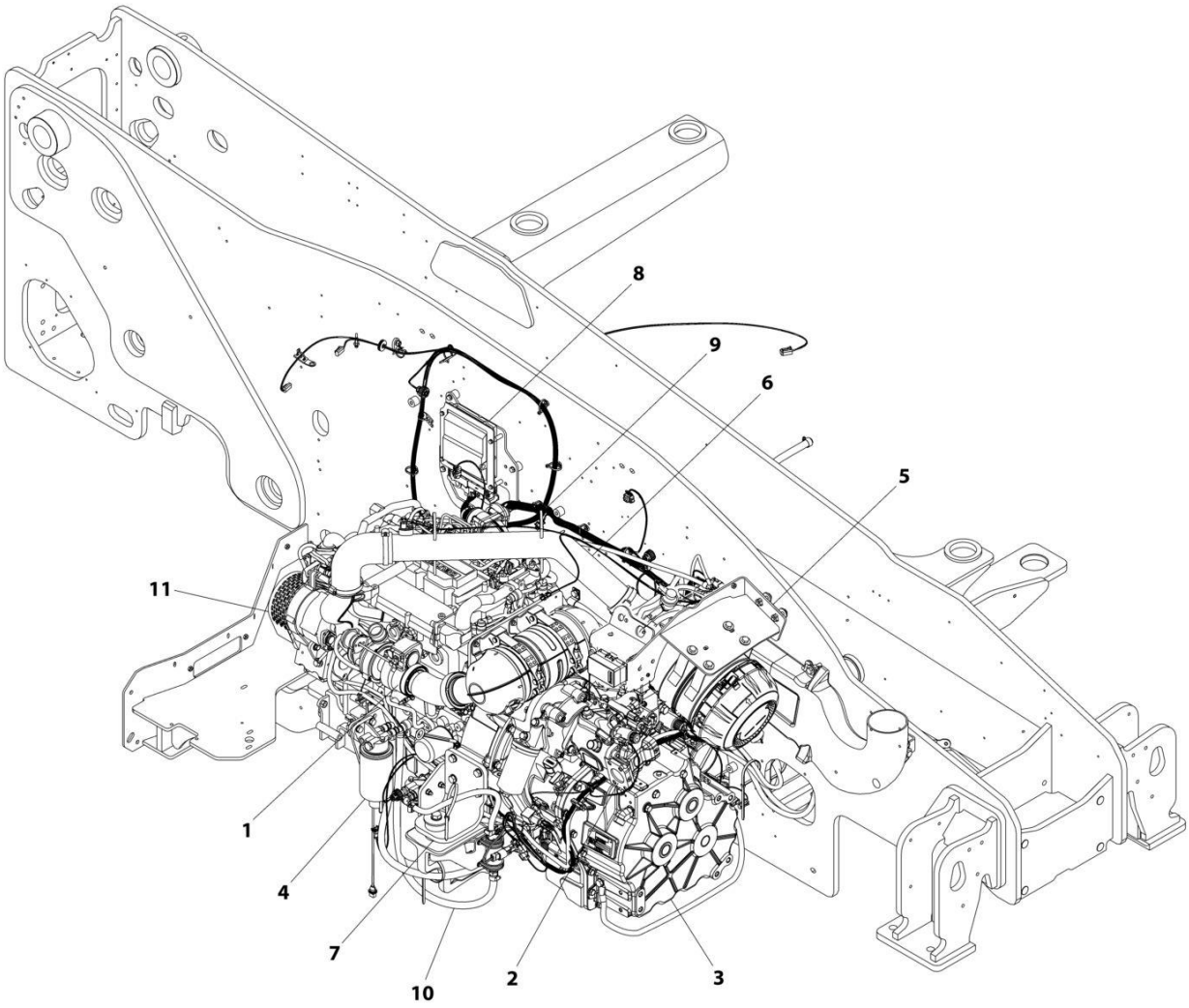


FIGURE 4-1. ENGINE INSTALLATION (90KW - ULS - PISTON PUMP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175309	Ref	Engine Installation (90KW - ULS - Piston Pump)	G
1	1001175553	1	Engine, 3.6L (90KW - ULS - Piston Pump) (See Separate Breakdown in this Section)	
2	1001177863	Ref	Installation, Main Hydraulic Pump (See Separate Breakdown in HYDRAULIC CIRCUITS Section)	
3	1001178439	Ref	Installation, Transmission (6 SPD) (See Separate Breakdown in DRIVETRAIN Section)	
4	1001181951	Ref	Installation, Fuel Filter (90/100KW - ULS) (See Separate Breakdown in this Section)	
5	1001257142	Ref	Installation, Air Cleaner (90/100KW) (See Separate Breakdown in this Section)	
6	1001182037	Ref	Installation, Air Intake Lines (90/100KW - ULS) (See Separate Breakdown in this Section)	
7	1001182582	Ref	Installation, Engine Mounting (90/100KW) (See Separate Breakdown in this Section)	
8	1001182735	Ref	Installation, Engine ECU (ULS) (See Separate Breakdown in this Section)	
9	1001185375	Ref	Installation, Engine Wiring (ULS) (See Separate Breakdown in ELECTRICAL Section)	
10	1001197821	Ref	Installation, Fuel Lines (ULS - RHOC) (See Separate Breakdown in this Section)	
11	1001182235	Ref	Installation, Bracket Guard (See Separate Breakdown in this Section)	

FIGURE 4-2. ENGINE INSTALLATION (100KW - ULS - PISTON PUMP)

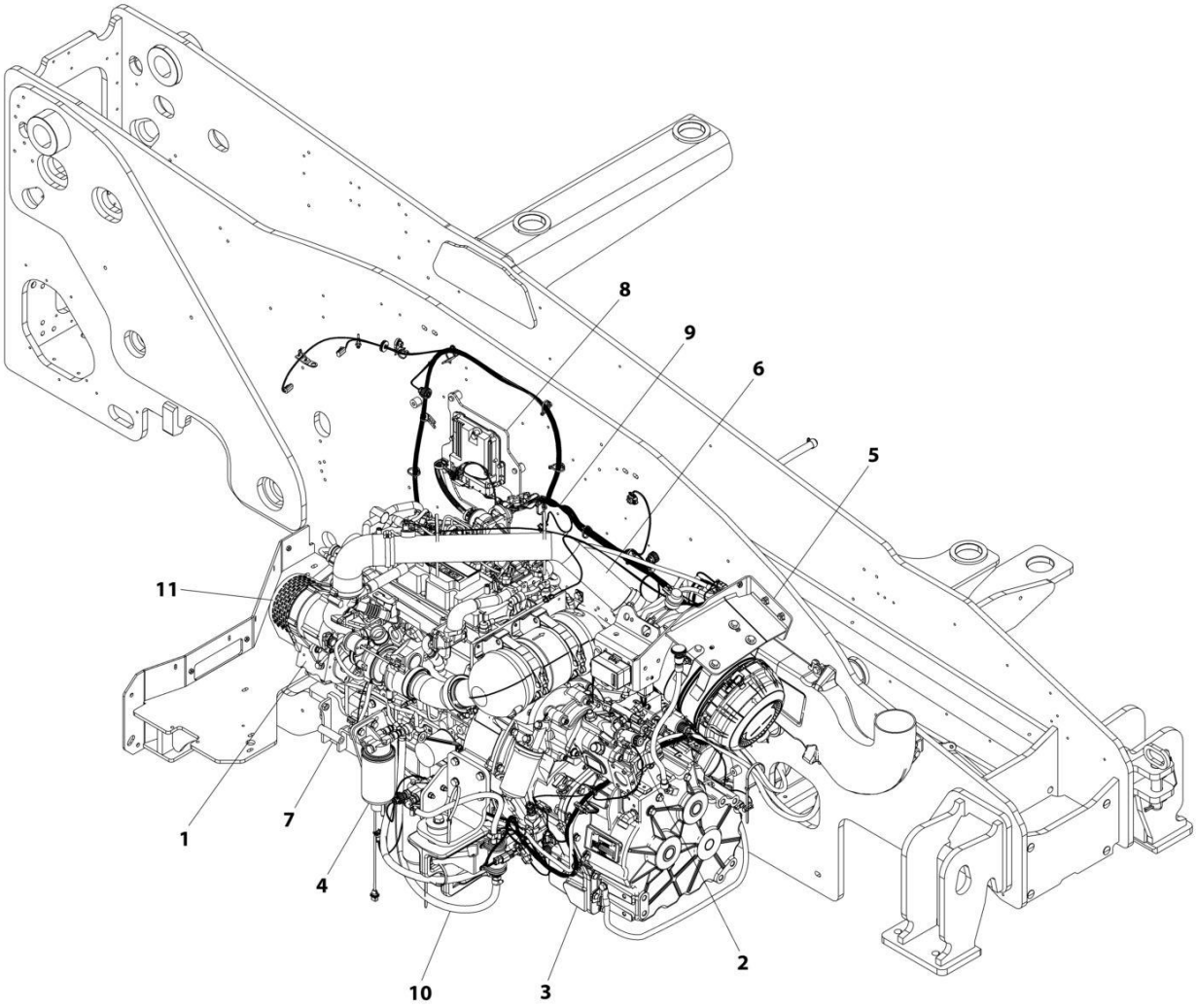


FIGURE 4-2. ENGINE INSTALLATION (100KW - ULS - PISTON PUMP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178622	Ref	EINGINE INSTALLATION (100KW - ULS - Piston Pump)	I
1	1001284540	Ref	Engine, 3.6L (100KW - ULS - Piston Pump) (See Separate Breakdown in this Section)	
2	1001177863	Ref	Installation, Main Hydraulic Pump (See Separate Breakdown in HYDRAULIC CIRCUITS Section)	
3	1001182647	Ref	Installation, Transmission (6 SPD - HHP) (See Separate Breakdown in DRIVETRAIN Section)	
4	1001181951	Ref	Installation, Fuel Filter (90/100KW - ULS) (See Separate Breakdown in this Section)	
5	1001257142	Ref	Installation, Air Cleaner (90/100KW) (See Separate Breakdown in this Section)	
6	1001182037	Ref	Installation, Air Intake Lines (90/100KW - ULS) (See Separate Breakdown in this Section)	
7	1001182582	Ref	Installation, Engine Mounting (90/100KW) (See Separate Breakdown in this Section)	
8	1001286009	Ref	Installation, Engine ECU (ULS) (See Separate Breakdown in this Section)	
9	1001185375	Ref	Installation, Engine Wiring (ULS) (See Separate Breakdown in ELECTRICAL Section)	
10	1001197821	Ref	Installation, Fuel Lines (ULS - RHOC) (See Separate Breakdown in this Section)	
11	1001182235	Ref	Installation, Bracket Guard (See Separate Breakdown in this Section)	

FIGURE 4-3. ENGINE INSTALLATION (90KW - LS - PISTON PUMP)

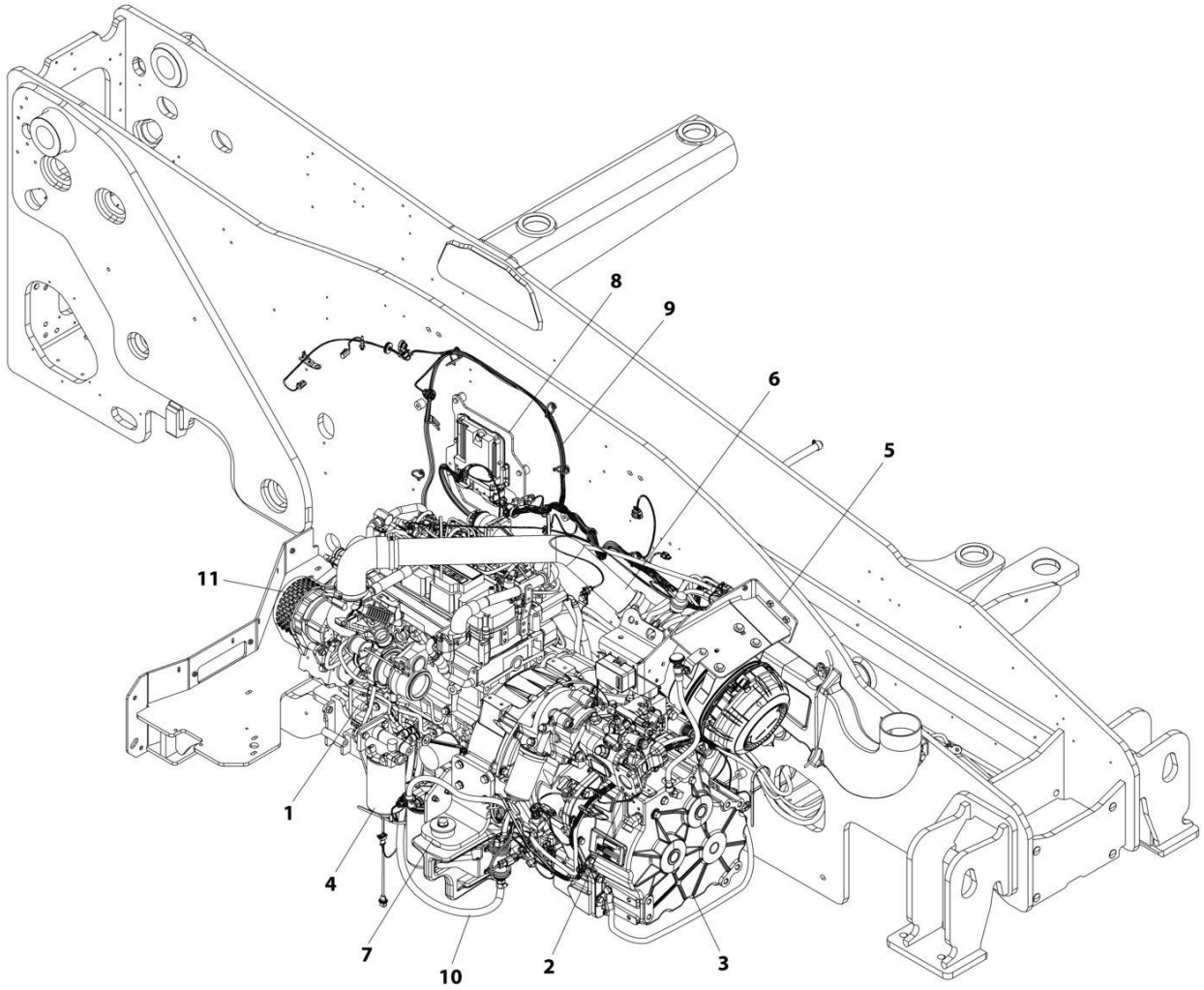


FIGURE 4-3. ENGINE INSTALLATION (90KW - LS - PISTON PUMP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175315	Ref	ENGINE INSTALLATION (90KW - LS - PISTON PUMP)	E
1	1001288945	1	Engine, 3.6L (90KW - LS - Piston Pump) (See Separate Breakdown in this Section)	
2	1001177863	Ref	Installation, Main Hydraulic Pump (See Separate Breakdown in HYDRAULIC CIRCUITS Section)	
3	1001182647	Ref	Installation, Transmission (6 SPD) (See Separate Breakdown in DRIVETRAIN Section)	
4	1001181952	Ref	Installation, Primary Fuel Filter (90KW - LS) (See Separate Breakdown in this Section)	
5	1001257142	Ref	Installation, Air Cleaner (90/100KW) (See Separate Breakdown in this Section)	
6	1001182039	Ref	Installation, Air Intake Lines (90KW - LS) (See Separate Breakdown in this Section)	
7	1001182582	Ref	Installation, Engine Mounting (90/100KW) (See Separate Breakdown in this Section)	
8	1001286009	Ref	Installation, Engine ECU (LS) (See Separate Breakdown in ELECTRICAL Section)	
9	1001293131	Ref	Installation, Engine Wiring (LS) (See Separate Breakdown in ELECTRICAL Section)	
10	1001185189	Ref	Installation, Fuel Lines (LS - RHOC) (See Separate Breakdown in this Section)	
11	1001182235	Ref	Installation, Bracket Guard (See Separate Breakdown in this Section)	

FIGURE 4-4. ENGINE MOUNTING INSTALLATION (90KW/100KW)

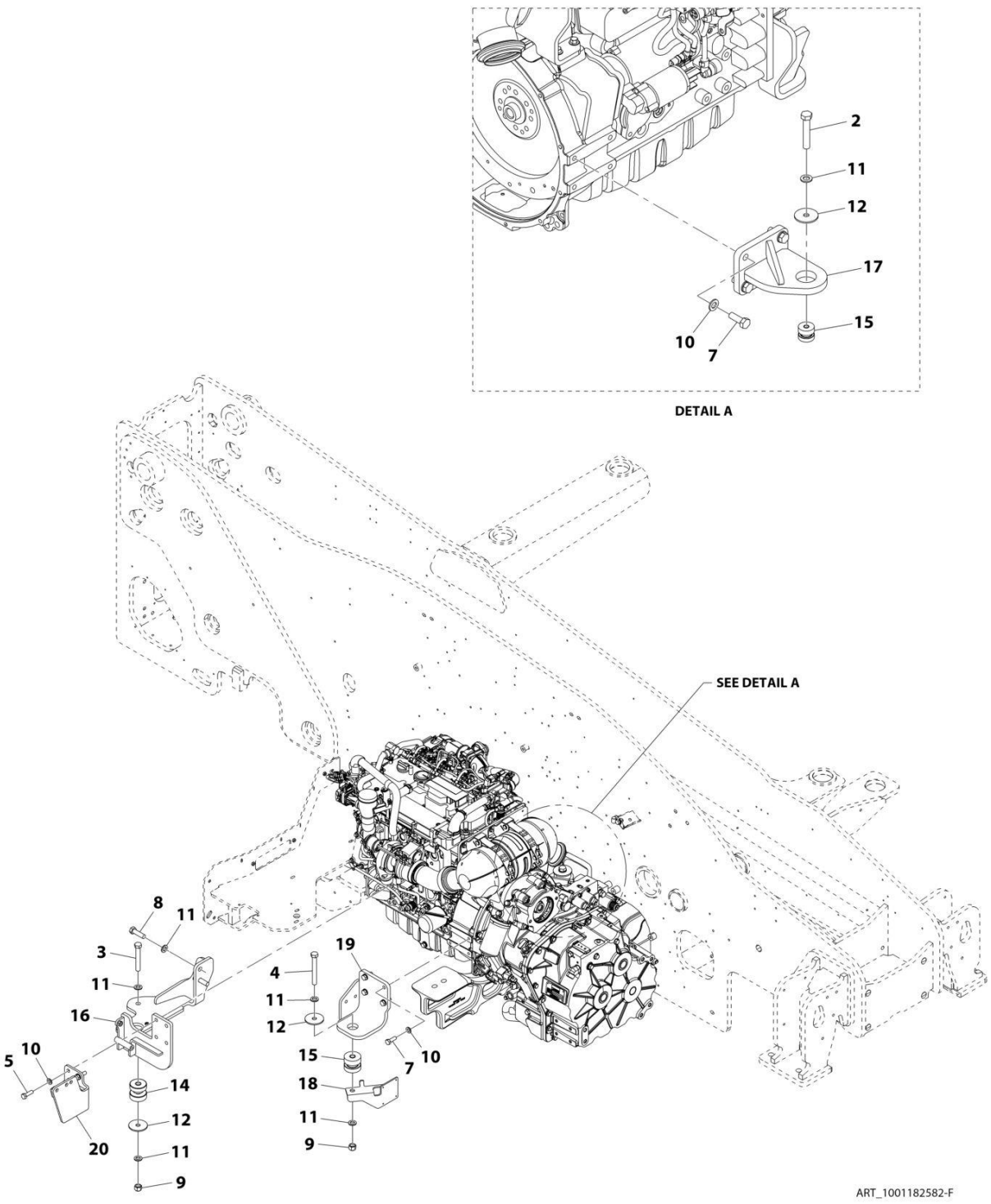
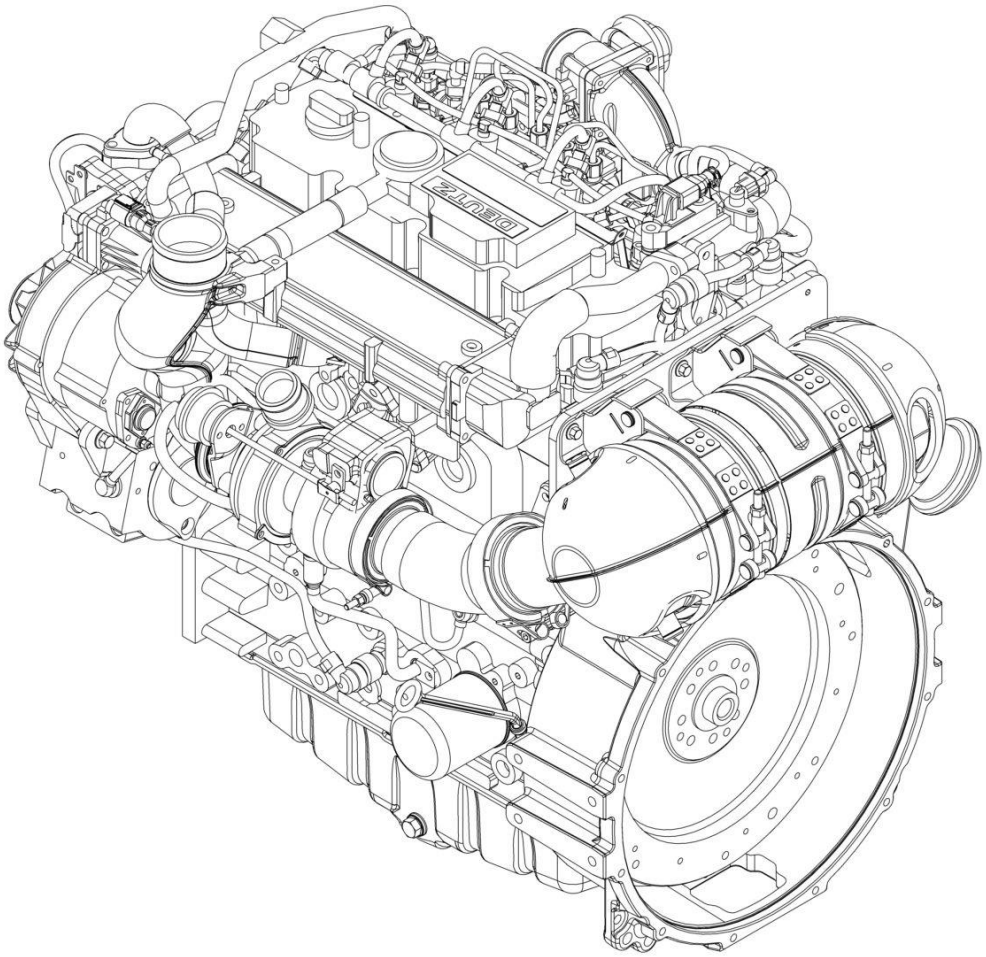


FIGURE 4-4. ENGINE MOUNTING INSTALLATION (90KW/100KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182582	Ref	Engine Mounting Installation (90KW/100KW)	G
2	0701626	1	Bolt, M16X90	
3	0701628	1	Bolt, M16X110	
4	0701630	1	Bolt, M16X130	
5	0761216	4	Bolt, M12X40	
7	0761215	8	Bolt, M12X35	
8	0761619	2	Bolt, M16X55	
9	3291605	2	Bolt, M16X2	
10	4812100	12	Washer, M12	
11	4812300	7	Washer, M16	
12	7300435	3	Washer	
14	1001163387	1	Mount, Isolator Engine	
15	1001195518	2	Mount, Isolator Engine	
16	1001169216	1	Bracket, Engine Mount	
17	1001169424	1	Bracket, Engine Mount	
18	1001188204	1	Bracket, Fuel Pump	
19	1001183745	1	Bracket, Engine Mount	
20	1001189586	1	Bracket, Fuel Filter	

FIGURE 4-5. 3.6L ENGINE (90KW - ULS - PISTON PUMP)



ART_1001175553

FIGURE 4-5. 3.6L ENGINE (90KW - ULS - PISTON PUMP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175553	Ref	3.6L Engine (90KW - ULS - Piston Pump)	H
	70027657	1	Dipstick	
	7020442	2	O-Ring	
	7020465	1	Cap, Filler	
	70025205	1	Gasket	
	70004280	1	Seal	
	7016331	1	Filter, Oil	
	70024494	1	Oil cooler	
	70024495	1	Gasket	
	70024509	1	Gasket	
	70011901	1	Pump, High Pressure	
	70024485	4	Injector, Fuel	
	70024504	1	Sensor, Pressure	
	70024920	1	Seal	
	70026011	1	Pump, Water	
	70024918	1	Sender, Temperature	
	70005504	1	Sensor, Pressure	
	70005505	2	O-Seal	
	70027405	1	Sensor, Temperature	
	70005507	2	O-Seal	
	70005515	1	Turbocharger	
	70024480	1	Gasket	
	70027404	1	Generator	
	70027403	1	V-Belt	
	70025535	1	Starter	
	70026210	1	Sensor	
	70005191	1	O-Ring	
	70024505	1	Sensor, Temperature	
	70005556	1	Sensor, Temperature	
	70005559	1	Sensor, Temperature	
	70025153	1	Prefilter, Fuel	
	70027417	1	Filter, Fuel	
	1001225432	1	Element, Filter	

FIGURE 4-6. 3.6L ENGINE (100KW)

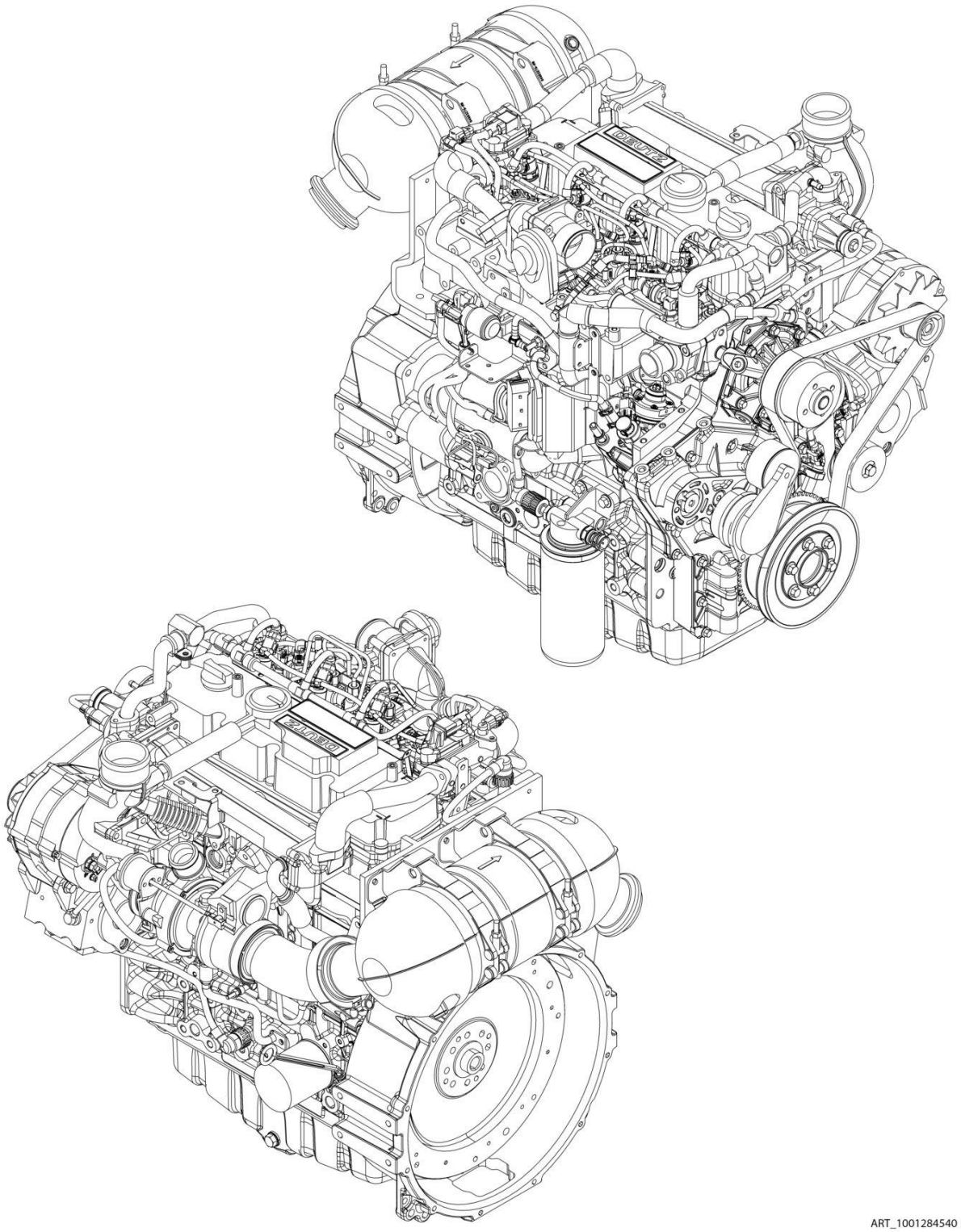


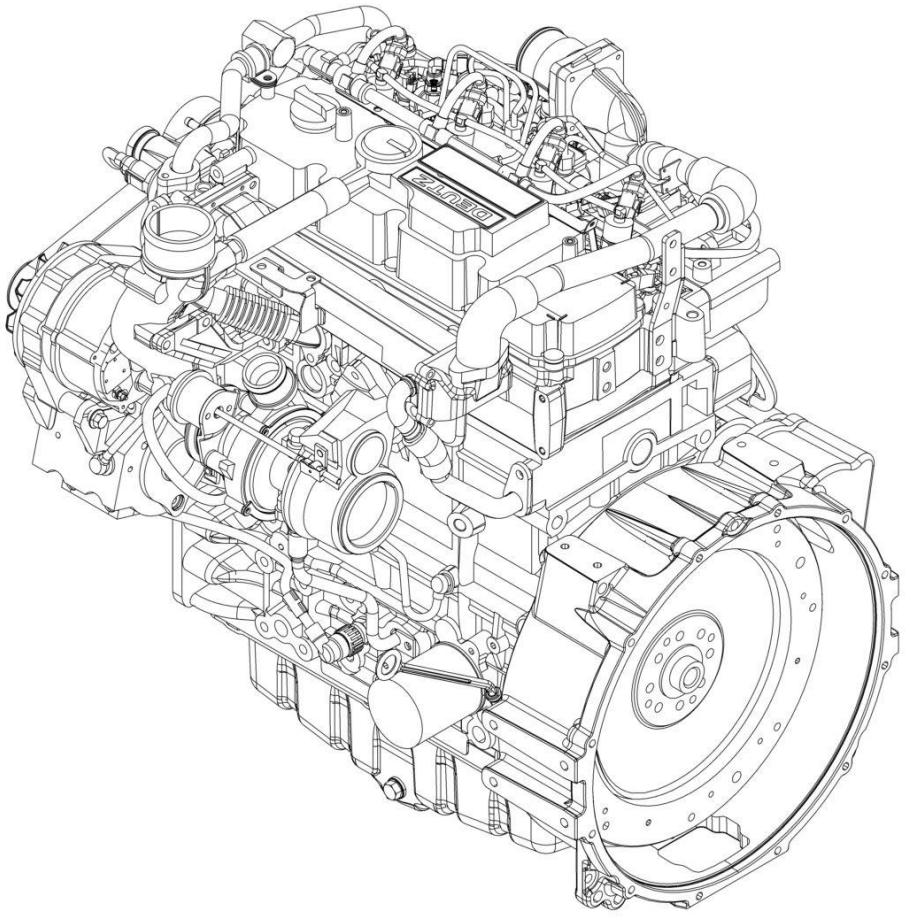
FIGURE 4-6. 3.6L ENGINE (100KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284540	Ref	ENGINE COMPONENTS - DEUTZ TCD3.6	C
		Ref	**COOLING SYSTEM COMPONENTS**	
	70030273	1	Pump, Water (Includes Seals)	
	70005497	1	Seal	
		Ref	**ELECTRICAL SYSTEM COMPONENTS**	
	70008426	1	Module, Engine Control (ECU)	
	70024513	1	Cable, Primary Fuel Filter Sensor (Includes Seal)	
	70025239	1	Seal	
	70024504	2	Sensor, Fuel Pressure (at Filter) (Includes Seal)	
	70024920	1	Seal	
	70008422	1	Pump, Fuel Supply (Includes Clamps)	
	70025144	2	Clamp	
	70024507	1	Sensor, Pressure (On Air Exchange Manifold)	
	70031697	1	Sender, Temperature	
	70025535	1	Starter	
	70031087	1	Generator (Includes Control)	
	70031706	1	Control, Generator	
	70025780	1	Relay (on Air Exchange Manifold)	
	70008430	1	Harness, Engine	
	70026210	2	Sensor, Speed (Includes Sealing Ring)	
	70028542	4	Plug, Glow	
	70008431	1	Sensor, Pressure	
	70024505	1	Sender, Temperature	
	70005556	1	Sender, Temperature	
	70005522	1	Sensor	
	70005524	1	Sensor	
	1001211556	1	Sensor/Sender, Ambient Air	
	1001293066	1	Sensor, Level (DEF)	
		Ref	**EXHAUST COMPONENTS**	
	70029399	1	Gasket, Exhaust Manifold to Head (Not Shown)	
	70029879	1	Gasket, Exhaust Manifold to Turbo	
	70007083	1	Turbocharger	
	70031712	1	Catalyst, Exhaust (SCR)	
	70031714	1	Catalyst, Exhaust (DPF)	
		Ref	FUEL SYSTEM COMPONENTS	
	1001225430	1	Filter, Fuel Primary	
	1001225432	1	Filter, Fuel	
	70008425	1	Pump, High Pressure	
	70025152	1	O-Ring	
	70004505	1	Valve, Overflow (Includes O-Rings)	
	70004506	1	O-Ring	
	70004507	1	O-Ring	
	70004508	1	Valve, Volume Control (Includes O-Ring & Gasket)	
	70004509	1	O-Ring	
	70004510	1	Gasket	
	70024485	4	Injector, Fuel (Includes Sealing Washer & O-Ring)	
	70025140	4	Washer, Sealing	
	70025145	4	O-Ring	
	70005492	1	Valve, Throttle	
	70031385	1	Pump, Supply (Includes Filter, Cap & Seals)	

SECTION 4 - ENGINE AND ATTACHING PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70005549	1	Filter	
	70005550	1	Cover	
		Ref	**GASKETS & SEALS & KITS**	
	70025707	1	Gasket Kit	
	70024483	1	Gasket, Head	
	70024481	1	Gasket, Valve Cover	
	70004280	1	Seal, Front Main	
	70024495	1	Gasket, Oil Cooler	
	70025235	1	Kit, Repair - Fuel Rail	
	70024475	1	Gasket, Air Exchange Manifold	
	70024965	1	Gasket, Fan Pump	
	TP_REF	Ref	LUBRICATION SYSTEM COMPONENTS	
	7016331	1	Filter, Oil	
	70027657	1	Dipstick (Includes O-Ring)	
	7020442	1	O-Ring, Dipstick	
	70025755	1	Tube, Dipstick	
	70005941	1	Plug, Oil Drain	
	7020404	1	Washer, Oil Drain Plug	
	7020465	1	Cap, Oil Fill	
	70031215	1	Pump, Oil (Includes Adapter Tube & O-Ring)	
	70029386	4	O-Ring (Oil Pump)	
	70031474	1	Cooler, Oil	
		Ref	**MECHANICAL COMPONENTS**	
	70025743	1	Pulley, Crank (V-Groove)	
	70027410	1	Pulley, Crank (Ribbed)	
	70028764	1	Flywheel (Includes Ring Gear)	
	7020208	1	Gear, Ring	
	70025737	1	Wheel, Sensor	
	70025775	1	Belt, Ribbed (Drives Generator)	
	70027403	1	Belt, Ribbed	
	70027431	1	Tensioner, Belt	
	70027468	1	Pump, Drive	

FIGURE 4-7. ENGINE (100KW - LS)



ART_1001288945

FIGURE 4-7. ENGINE (100KW - LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001288945	Ref	ENGINE (100KW - LS)	A
	See Note	Ref	Note: No Other Available Service Parts at time of Printing	
	31020305	1	Pump, Fuel	
	31023448	1	Unit, Control	
	31022030	1	Clamp	
	31022047	1	Filter, Fuel	
	31020740	3	Gasket	
	31010978	3	Label	

FIGURE 4-8. ECU HRC INSTALLATION

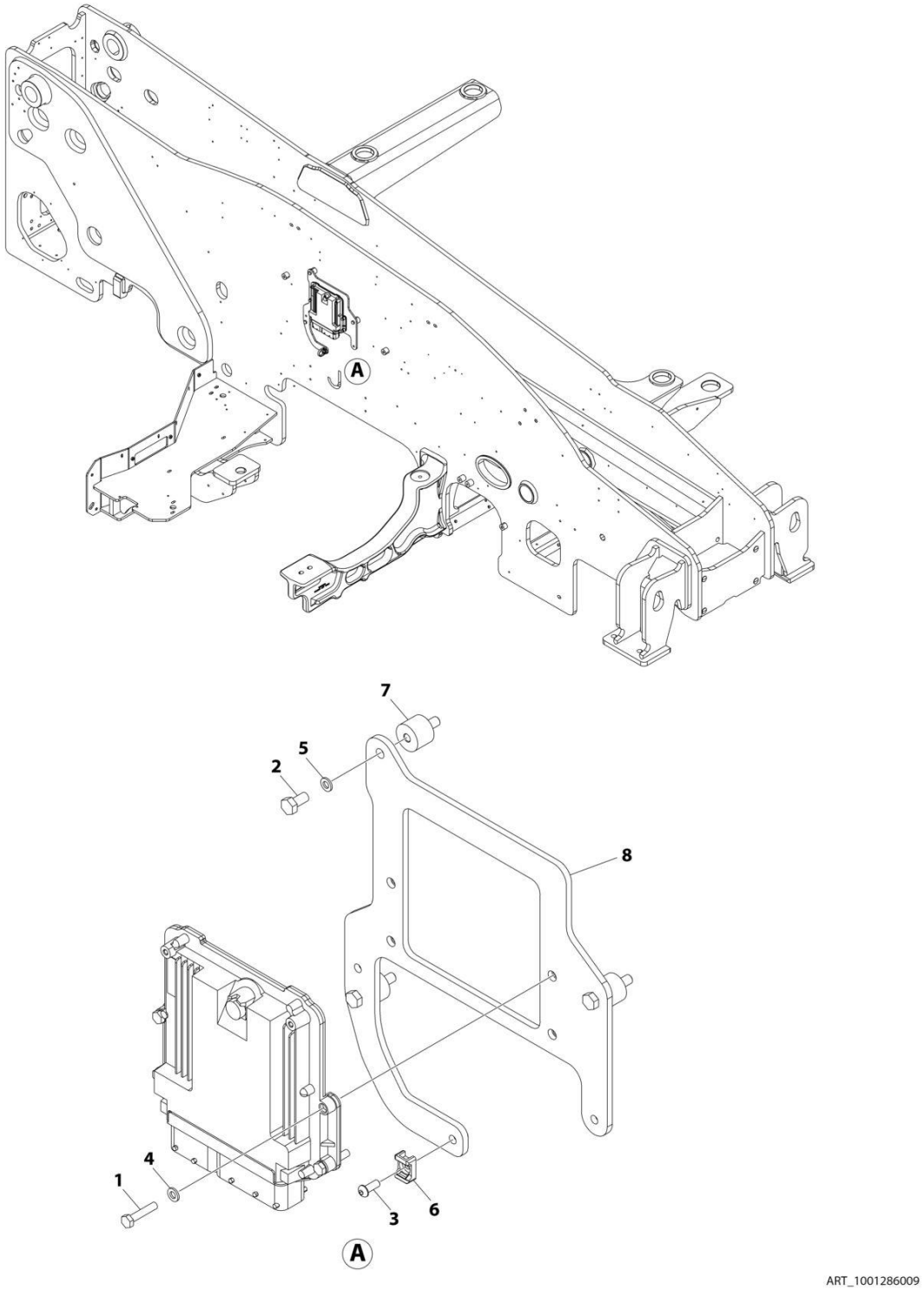
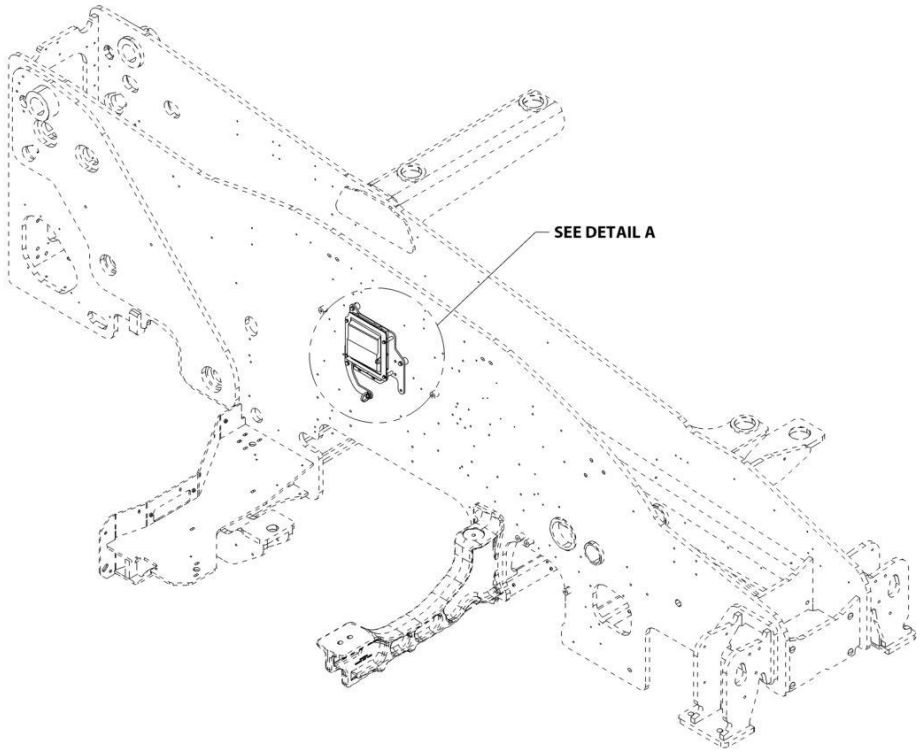
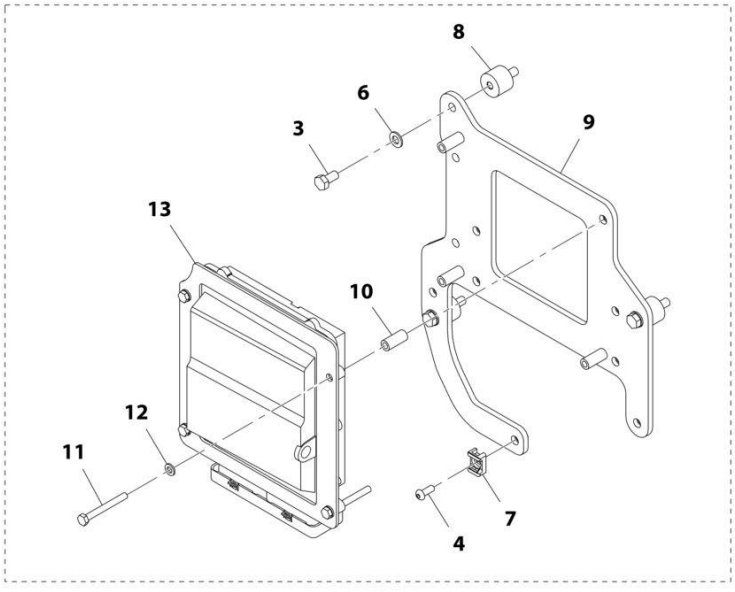


FIGURE 4-8. ECU HRC INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001286009	Ref	ENGINE EUC INSTALLATION	A
1	0760614	4	Bolt M6 x 30	
2	0760808	3	Bolt, M8X16	
3	3900357	1	Capscrew, M6X16	
4	4811700	4	Washer, M6	
5	4811900	3	Washer, M8	
6	1001138645	1	Mount, Cable Tie	
7	1001179907	3	Mount, Isolator	
8	1001286598	1	Bracket	

FIGURE 4-9. ENGINE ECU INSTALLATION (ULS)





DETAIL A

ART_1001182735-D

FIGURE 4-9. ENGINE ECU INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182735	Ref	Engine ECU Installation (ULS)	D
3	0760808	3	Bolt, M8X16	
4	3900357	1	Capscrew, M6X16	
6	4811900	3	Washer, M8	
7	1001138645	1	Mount, Cable Tie	
8	1001179907	3	Mount, Isolator	
9	1001183347	1	Plate	
10	1001196587	4	Sleeve, Spacer	
11	0760619	4	Bolt, M6X55	
12	4811700	4	Washer, M6	
13	1001206120	1	Plate	

FIGURE 4-10. BRACKET GUARD INSTALLATION

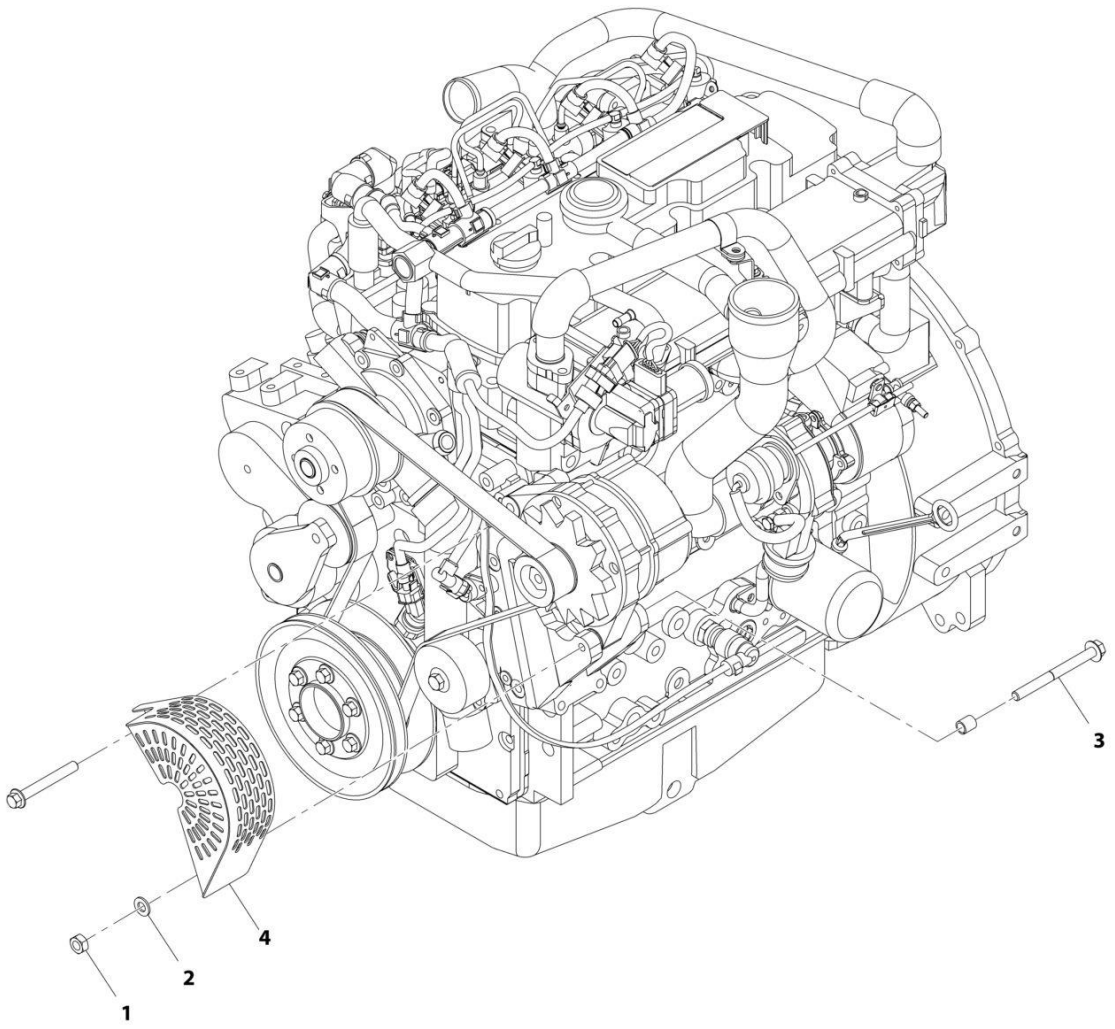


FIGURE 4-10. BRACKET GUARD INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182235	Ref	Bracket Guard Installation	B
1	3291001	1	Nut, M10X1.5 Grade 8	
2	4812000	1	Washer, M10	
3	1001152378	1	Bolt, M10X110 Grade 10.9	
4	1001213006	1	Bracket, Guard	

FIGURE 4-11. FUEL LINES INSTALLATION (ULS - RHOC)

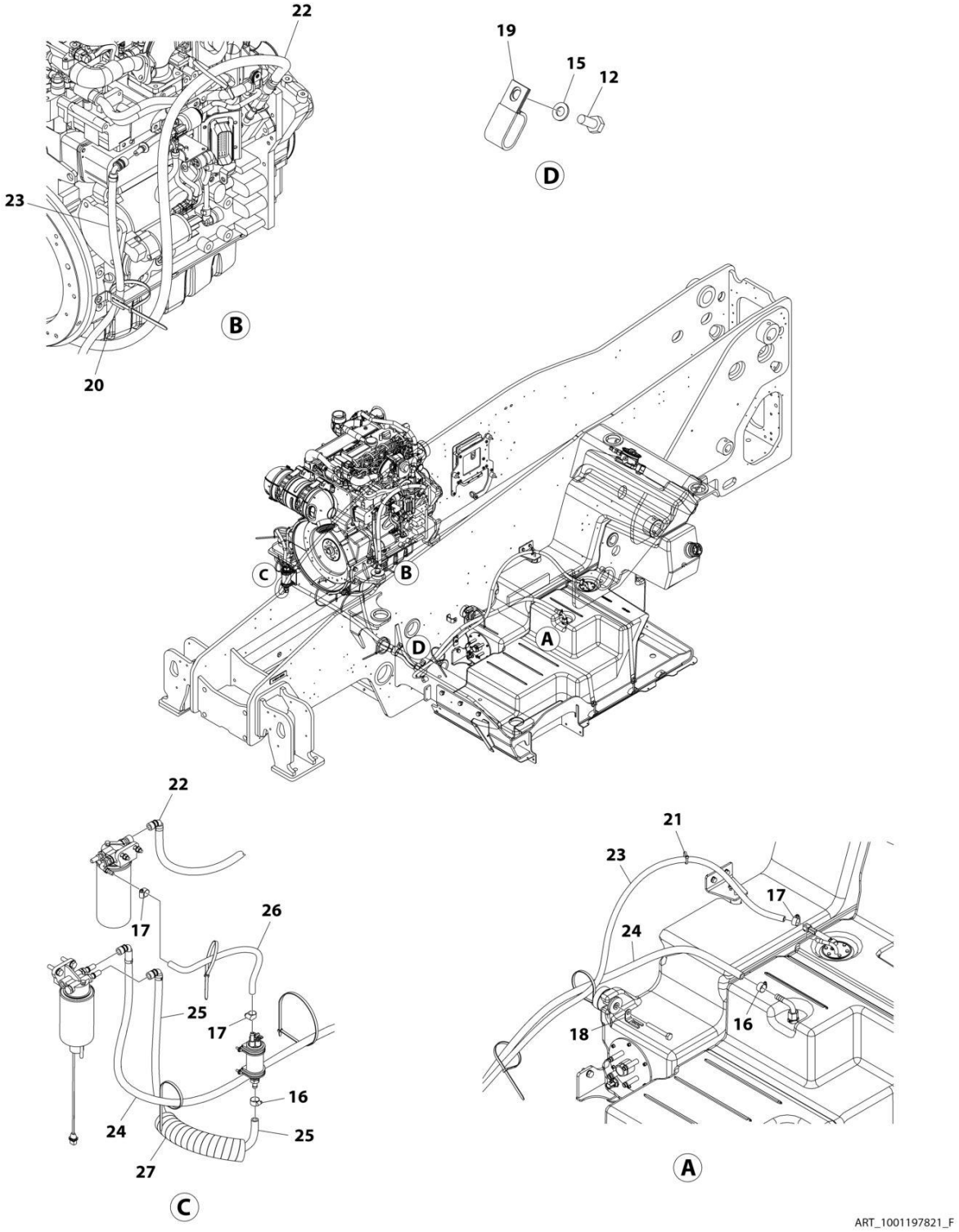


FIGURE 4-11. FUEL LINES INSTALLATION (ULS - RHOC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197821	Ref	FUEL LINES INSTALLATION (ULS - RHOC)	F
12	0761012	2	Bolt M10 x 25	
13	1062255	AR	Tie-Strap 365MM (Not Shown)	
14	4240127	AR	Tie-Strap 615MM (Not Shown)	
15	4812000	2	Washer M10	
16	8405006	2	Clamp, Gear	
17	8410013	3	Clamp, Gear	
18	1001003305	1	Clip	
19	1001026104	2	Clip	
20	1001130198	1	Clip, 90	
21	1001146588	1	Strap, Fir Tree Cable Tie	
22	1001204841	1	Hose, 0.5IN Fuel	
23	1001256644	1	Hose, 0.38IN Fuel	
24	1001216854	1	Hose, 0.5IN Fuel	
25	1001216855	1	Hose, 0.5IN Fuel	
26	1001205041	1	Hose, 0.38IN Fuel	
27	1001268889	1	Sleeve, Hose Wrap	

FIGURE 4-12. FUEL LINES INSTALLATION (LS)

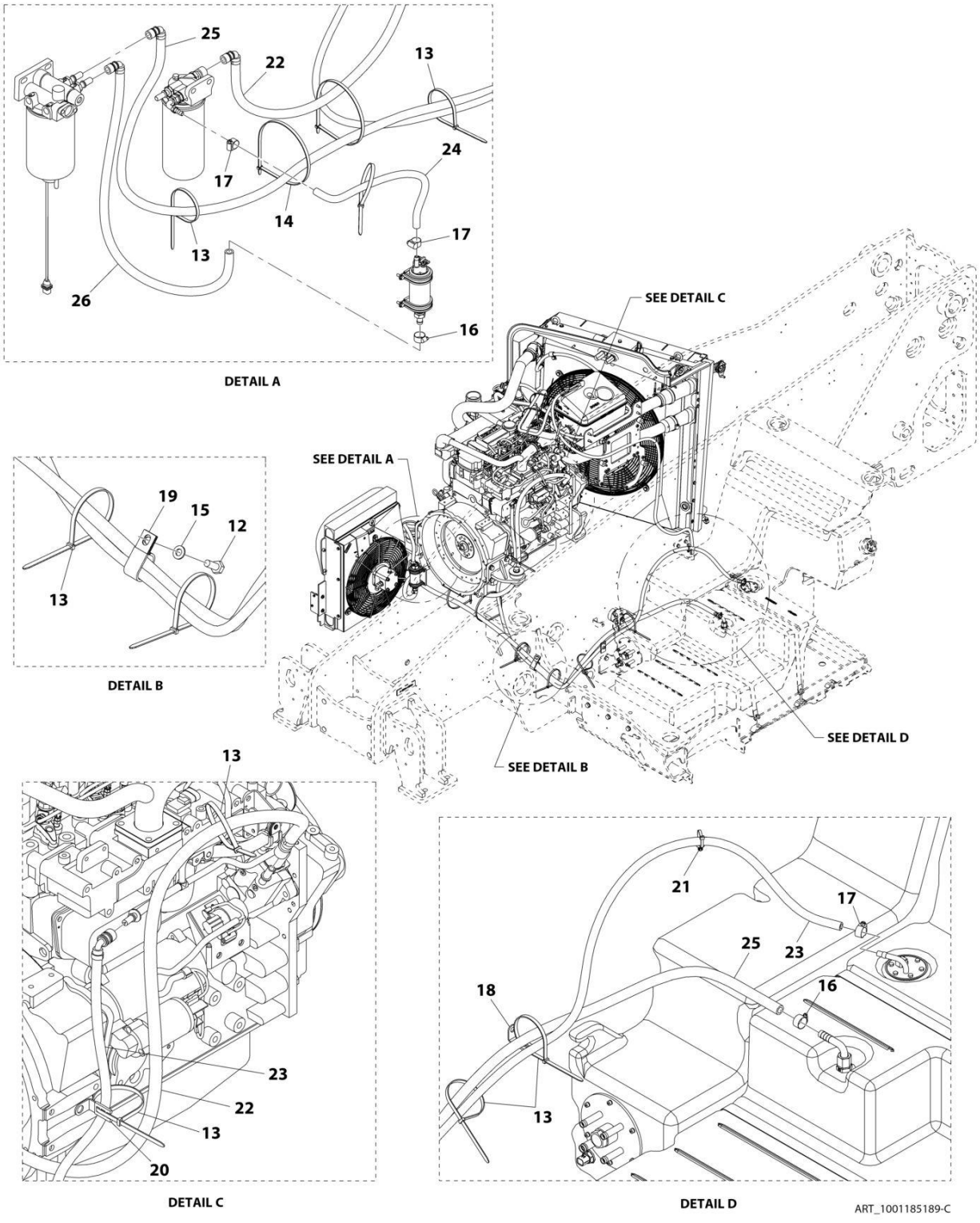


FIGURE 4-12. FUEL LINES INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185189	Ref	Fuel Lines Installation (LS - RHOC)	C
12	0761012	1	Bolt, M10X25	
13	1062255	AR	Strap, Tie	
14	4240127	AR	Strap, Tie	
15	4812000	1	Washer, M10	
16	8405006	2	Clamp, Gear	
17	8410013	3	Clamp, Gear	
18	1001003305	1	Clip	
19	1001026104	1	Clip	
20	1001130198	1	Clip, 90	
21	1001146588	1	Strap, Fir Tree Cable Tie	
22	1001204841	1	Hose, 0.5IN Fuel	
23	1001204842	1	Hose, 0.38IN Fuel	
24	1001205041	1	Hose, 0.38IN Fuel	
25	1001216854	1	Hose, 0.5IN Fuel	
26	1001216855	1	Hose, 0.5IN Fuel	

FIGURE 4-13. EXHAUST INSTALLATION (ULS)

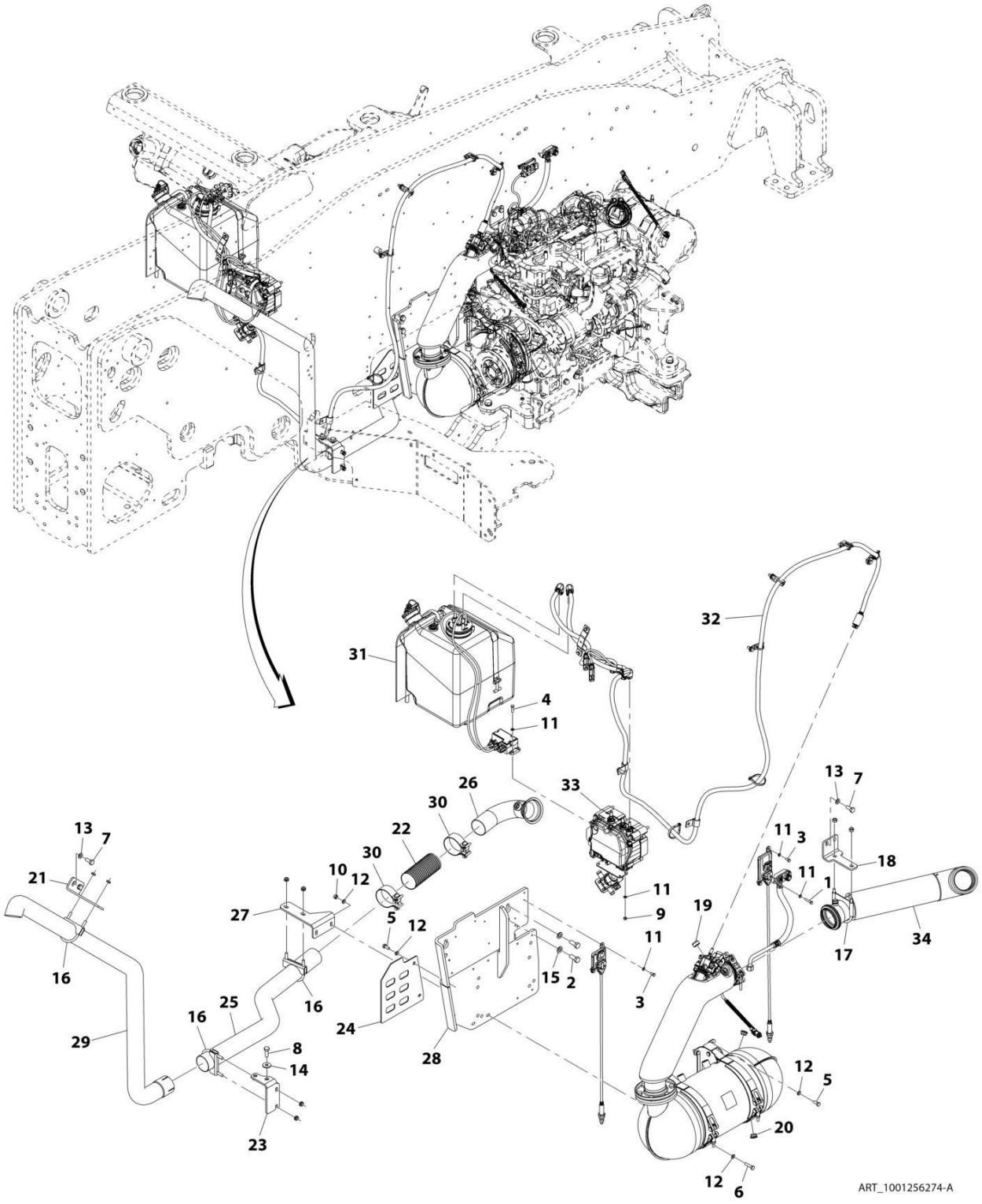


FIGURE 4-13. EXHAUST INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256274	Ref	EXHAUST INSTALLATION (ULS)	A
1	0700614	2	Bolt M6 x 30	
2	0701214	4	Bolt M12 x 30	
3	0760607	4	Bolt M6 x 14	
4	0760612	4	Bolt, M6 x 25	
5	0760810	8	Bolt M8 x 20	
6	0760815	2	Bolt M8 x 35	
7	0761012	4	Bolt M10 x 25	
8	0761014	2	Bolt M10 x 30	
9	3290605	4	Nut, Lock M6 x 1 Grade 8	
10	3290805	2	Nut, Lock M8 x 1.25 Grade 8	
11	4811700	5	Washer M6	
12	4811900	12	Washer M8	
13	4812000	4	Washer M10	
14	4812002	2	Washer M10	
15	4812100	4	Washer M12	
16	8275212	3	Clamp, Muffler	
17	24921332	1	Clamp, Exhaust	
18	1001169918	1	Plate, Exhaust	
19	1001171913	1	Cap	
20	1001171959	2	Plug	
21	1001182824	1	Bracket, Tailpipe	
22	1001201766	1	Pipe, Exhaust Flex	
23	1001201811	1	Bracket, Tailpipe	
24	1001201823	1	Plate, Airflow	
25	1001201929	1	Pipe, Exhaust	
26	1001201930	1	Pipe, Exhaust	
27	1001201933	1	Support, Exhaust Pipe	
28	1001210022	1	Bracket	
29	1001222187	1	Pipe, Tail Exhaust	
30	1001225213	2	Clamp, Flex Pipe	
31	1001256277	1	Installation, DEF Tank (ULS) (See Separate Breakdown in this Section)	
32	1001256278	1	Installation, DEF Lines (ULS) (See Separate Breakdown in this Section)	
33	1001256563	1	Installation, DEF Control Module (ULS) (See Separate Breakdown in this Section)	
34	1001193551	1	Pipe, Exhaust Flex	

FIGURE 4-14. EXHAUST INSTALLATION

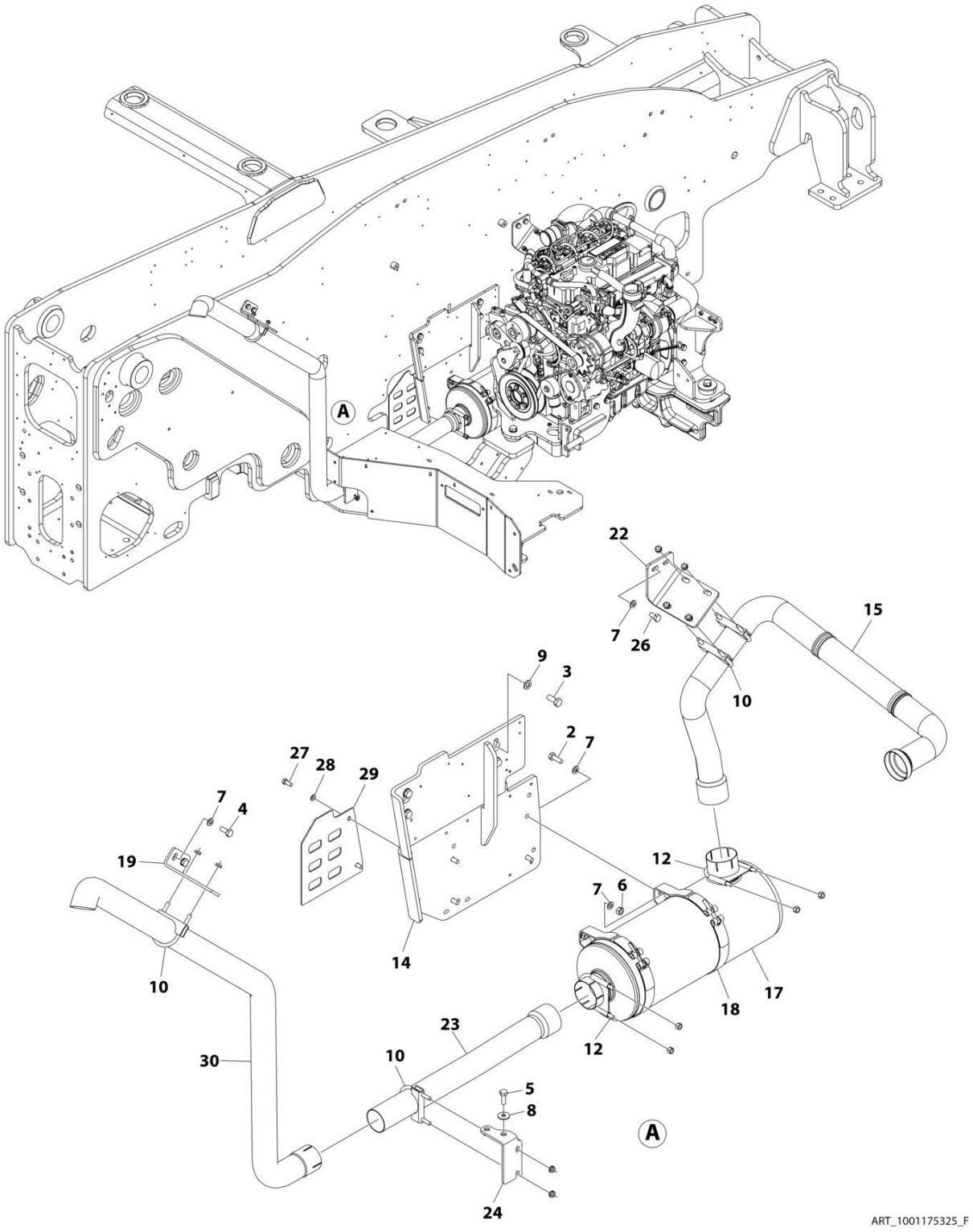


FIGURE 4-14. EXHAUST INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175325	Ref	EXHAUST INSTALLATION (LS)	F
2	0701014	4	Bolt M10 x 30	
3	0701214	4	Bolt M12 x 30	
4	0761012	2	Bolt M10 x 25	
5	0761014	2	Bolt M10 x 30	
6	3291007	4	Nut M10	
7	4812000	12	Washer M10	
8	4812002	2	Washer M10	
9	4812100	4	Washer M12	
10	8275212	4	Clamp, Muffler	
12	24921332	2	Clamp, Exhaust	
14	1001210022	1	Bracket	
15	1001298301	1	Pipe, Exhaust	
17	1001180226	1	Muffler, Exhaust	
18	1001180227	2	Clamp, Muffler	
19	1001182824	1	Bracket, Tailpipe	
22	1001288376	1	Plate, Exhaust	
23	1001184710	1	Tube, Exhaust	
24	1001201811	1	Bracket, Tailpipe	
26	0761010	2	Bolt M10 x 20	
27	0760810	2	Bolt M8 x 20	
28	4811900	2	Washer M8	
29	1001201823	1	Plate, Airflow	
30	1001222187	1	Pipe, Tail Exhaust	

FIGURE 4-15. COOLING PACKAGE INSTALLATION (90KW - ULS)

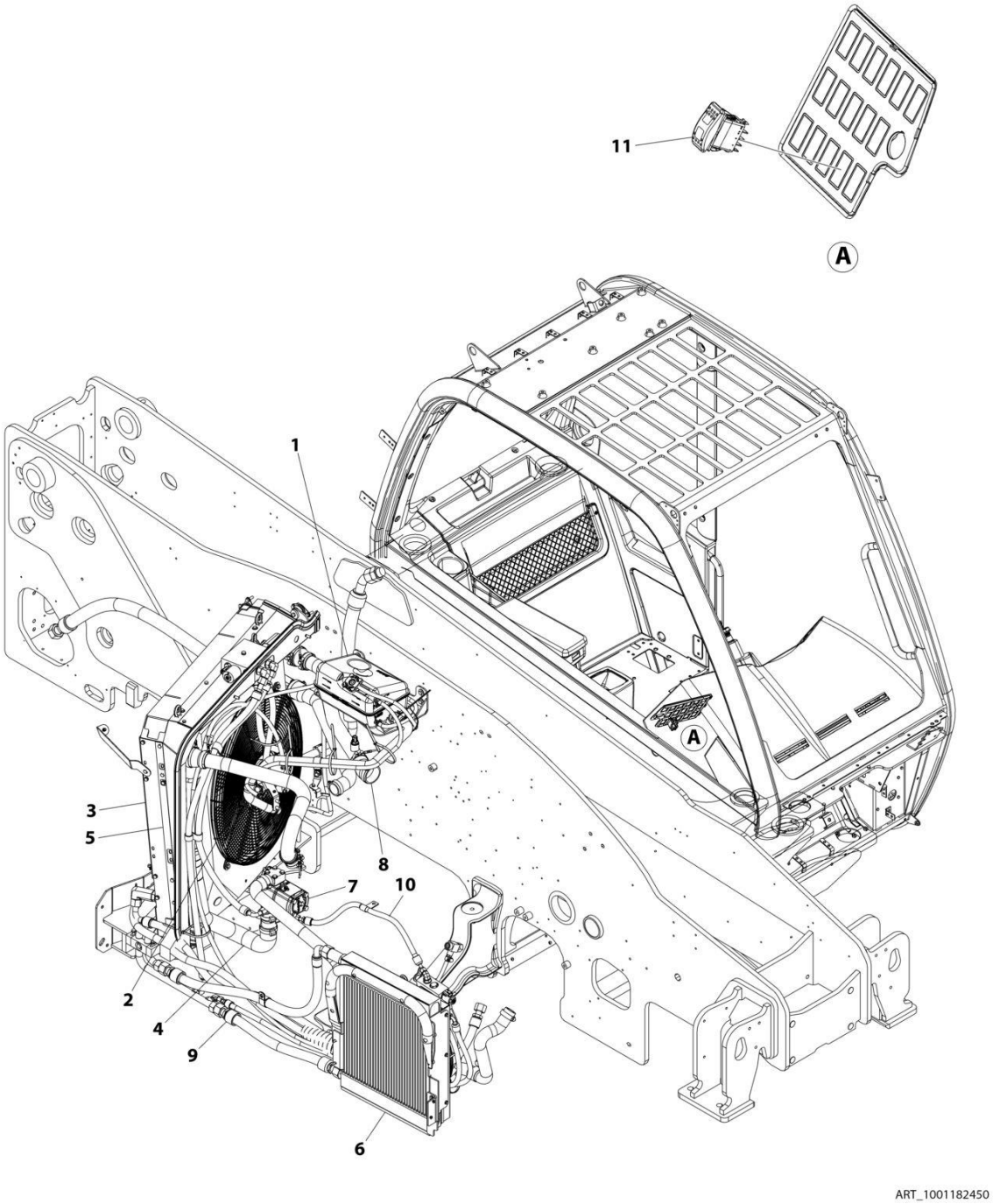


FIGURE 4-15. COOLING PACKAGE INSTALLATION (90KW - ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182450	Ref	COOLING PACKAGE INSTALLATION (90KW - ULS)	H
1	1001179864	Ref	Installation, Surge Tank (See Separate Breakdown in this Section)	
2	1001182112	Ref	Installation, Cooling Fan (See Separate Breakdown in this Section)	
3	1001184062	Ref	Installation, Cooler (90KW) (See Separate Breakdown in this Section)	
4	1001184120	Ref	Installation, Coolant Lines (ULS) (See Separate Breakdown in this Section)	
5	1001184955	Ref	Installation, Bulkhead (See Separate Breakdown in this Section)	
6	1001185337	Ref	Installation, Remote HOC (See Separate Breakdown in this Section)	
7	1001185864	Ref	Installation, Hydraulic Pump (90KW) (See Separate Breakdown in this Section)	
8	1001186849	Ref	Installation, CAC Lines (ULS) (See Separate Breakdown in this Section)	
9	1001183076	Ref	Installation, Cooler Lines (90KW) (See Separate Breakdown in this Section)	
10	1001187276	Ref	Installation, Fan Lines (90KW) (See Separate Breakdown in this Section)	
11	1001145204	1	Switch, Reversing Fan	

FIGURE 4-16. COOLING FAN INSTALLATION

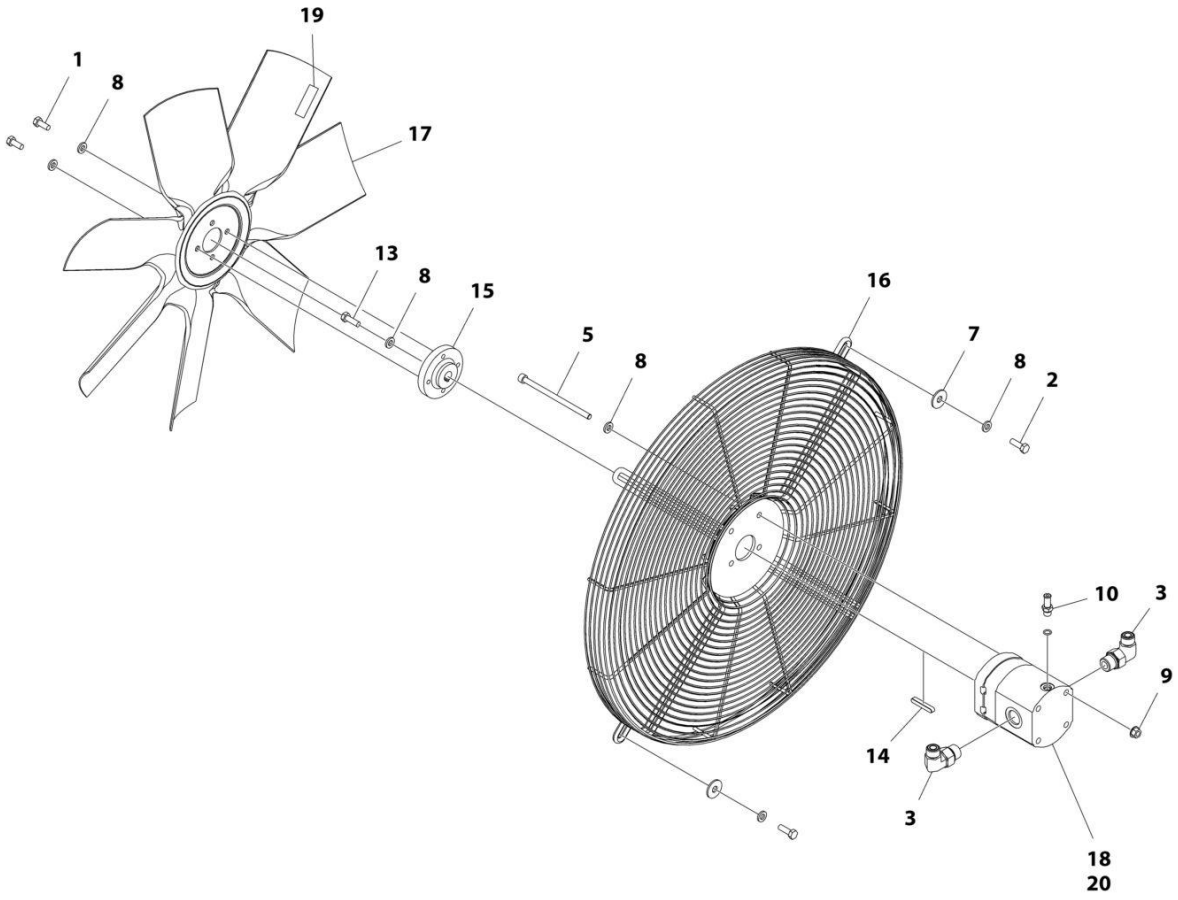


FIGURE 4-16. COOLING FAN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182112	Ref	COOLING FAN INSTALLATION	F
1	0770810	4	Bolt M8 x 20 Grade 10.9	
2	0760812	4	Bolt M8 x 25	
3	2130810	2	Fitting, 90 ORFS	
5	4031927	4	Bolt M8 x 140	
7	4812002	4	Washer M10	
8	5240800	13	Washer M8	
9	5260800	4	Nut M10	
10	1001093401	1	Fitting, Straight ORFS	
13	1001139034	1	Bolt	
14	1001152940	1	Key, Fan Hub	
15	1001191508	1	Adapter, Fan Hub	
16	1001182111	1	Shield, Fan	
17	1001182193	1	Fan, M610	
18	1001182949	1	Motor, Fan Drive (14.53CC) (See Separate Breakdown in this Section)	
19	1001222573	AR	Reflective Tape	
20	1001125466	AR	Compound, Locking	

FIGURE 4-17. FAN LINES INSTALLATION (90KW)

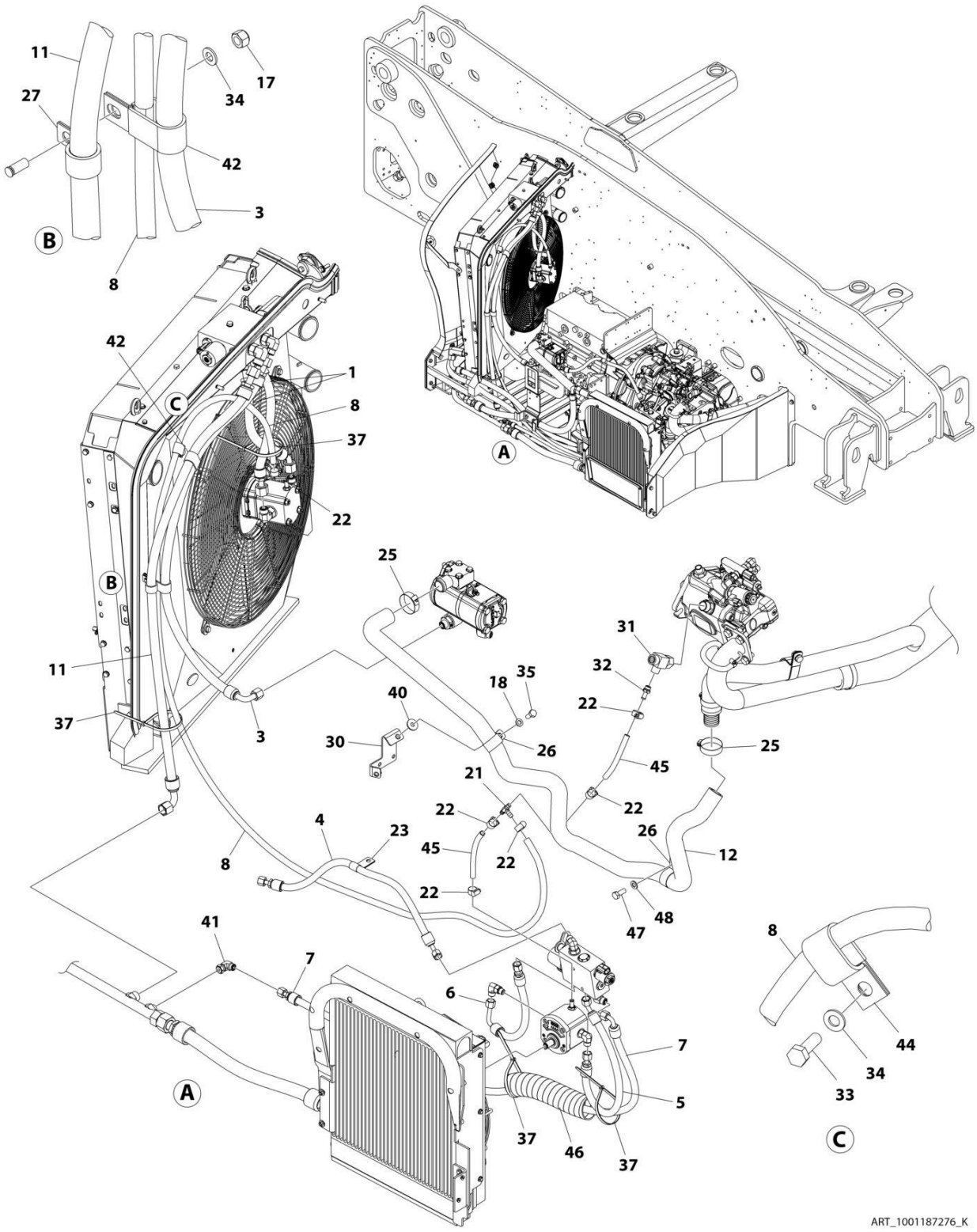


FIGURE 4-17. FAN LINES INSTALLATION (90KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187276	Ref	FAN LINES INSTALLATION (90KW)	K
1	1001187277	2	Hose	
3	1001203025	1	Hose, ORFS	
4	1001202922	1	Hose, ORFS	
5	1001229063	1	Hose, ORFS	
6	1001229068	1	Hose, ORFS	
7	1001228931	1	Hose, ORFS	
8	1001228929	1	Hose	
11	1001203178	1	Hose, ORFS	
12	1001199403	1	Hose	
17	3290805	1	Nut, Lock M8 x 1.25 Grade 8	
18	4812000	1	Washer M10	
21	1001003934	1	Fitting, Tee Barb	
22	8410013	6	Clamp, Gear	
22	1001152729	6	Clamp, Gear	
23	1001004143	1	Clip	
25	1001008657	2	Clamp, Hose	
26	1320239	2	Clamp, 1-3/4IN	
27	1001009384	1	Clip	
30	1001187712	1	Bracket	
31	1001033120	1	Fitting, Tee ORFS	
32	1001168030	1	Barb, Hose	
33	0760812	1	Bolt M8 x 25	
34	4811900	2	Washer M8	
35	0701012	1	Bolt M10 x 25	
37	1062255	4	Tie-Strap	
40	4812002	1	Washer M10	
41	2172106	1	Fitting, 90 ORFS	
42	1001008720	2	Clip	
44	1001008626	1	Clip	
45	1001228930	2	Hose	
46	1001268889	1	Sleeve, Hose Wrap	
47	0701214	1	Bolt M12 x 30	
48	4812100	1	Washer M12	

FIGURE 4-18. FAN DRIVE MOTOR (NO RHOC)

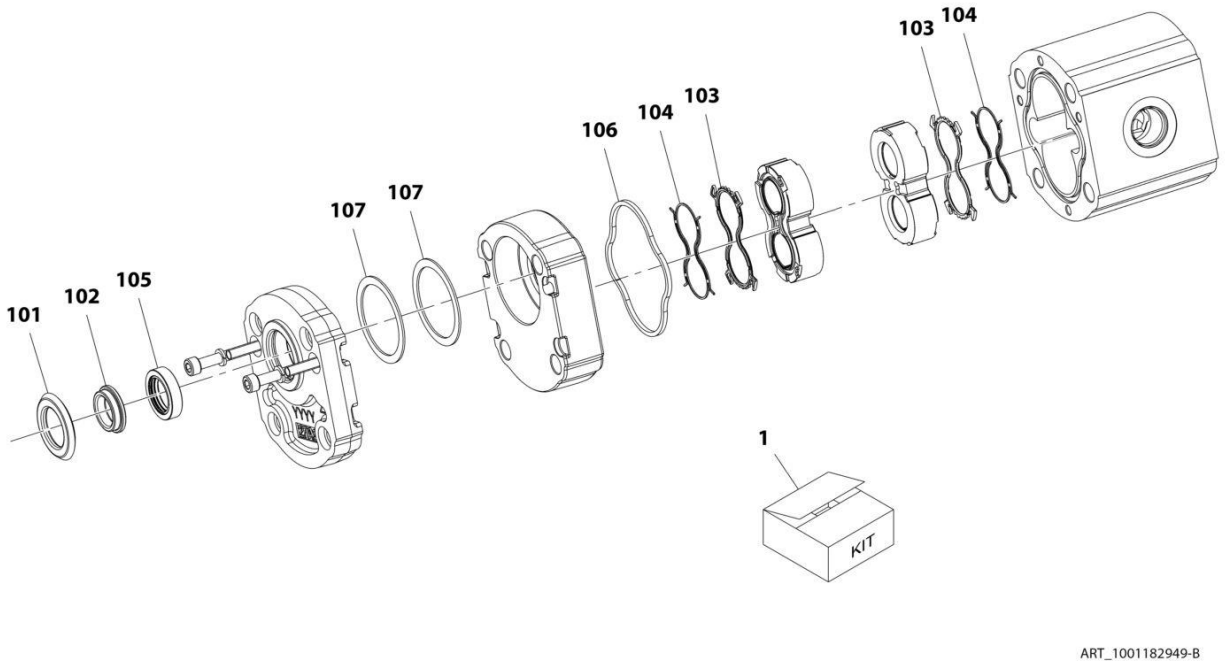
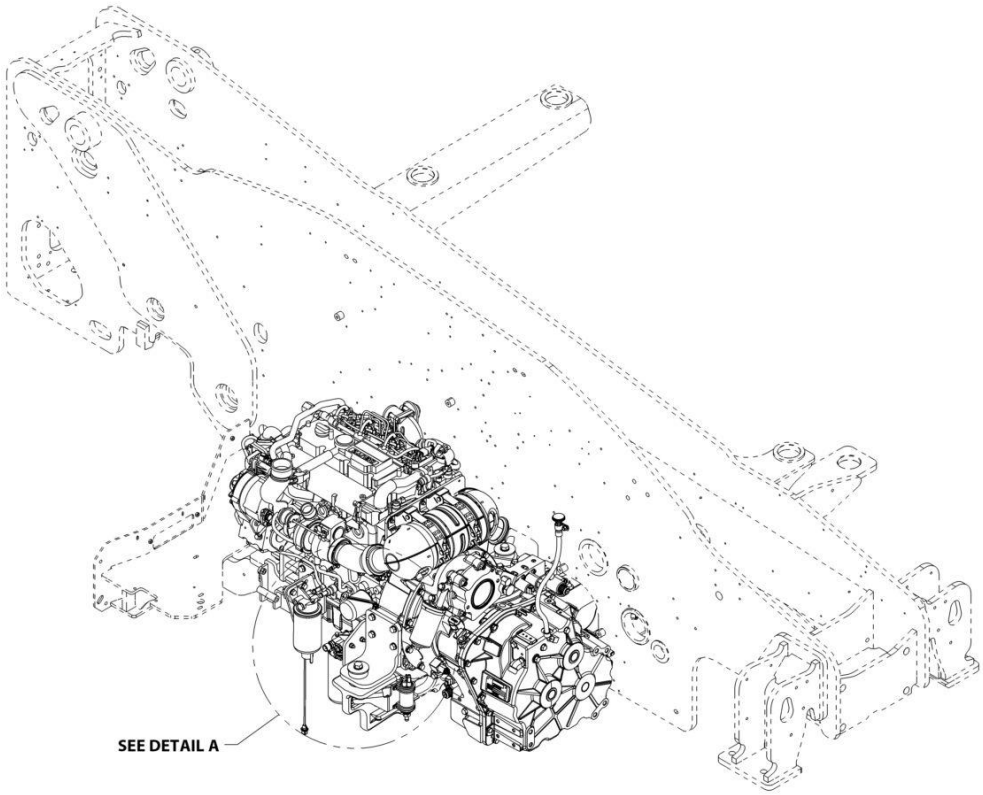
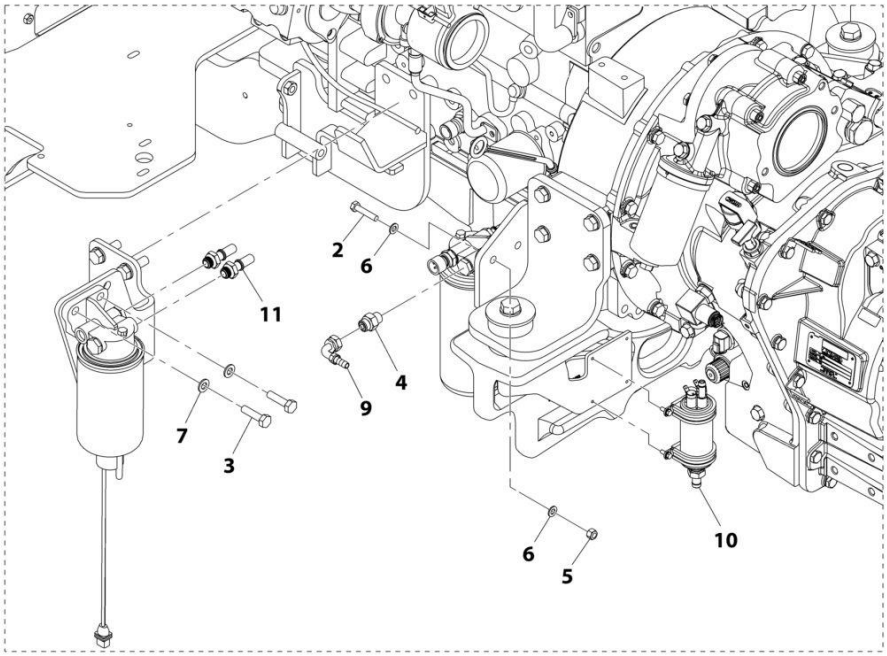


FIGURE 4-18. FAN DRIVE MOTOR (NO RHOC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182949	Ref	Fan Drive Motor (No RHOC)	B
1	70027008	1	Kit, Seal	
101	Kit	1	Seal	
102	Kit	1	Holder Bushing	
103	Kit	2	Seal	
104	Kit	2	Ring, Anti-Extrusion	
105	Kit	1	Seal, Shaft	
106	Kit	1	Seal	
107	Kit	2	Seal	

FIGURE 4-19. FUEL FILTER INSTALLATION (90/100KW - ULS)





DETAIL A

ART_1001181951-F

FIGURE 4-19. FUEL FILTER INSTALLATION (90/100KW - ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181951	Ref	FUEL FILTER INSTALLATION	F
2	0700816	2	Bolt M8X40	
3	0701016	2	Bolt M10X40	
4	2144606	1	Fitting, Straight ORFS	
5	3290805	2	Nut, Lock M8	
6	4811900	4	Washer M8	
7	4812000	2	Washer M10	
9	1001133793	1	Fitting, 90 ORFS	
10	1001165789	1	Remote Fuel Pump Installation (See Separate Breakdown in this Section)	
11	1001133690	2	Coupling, M16X1.5	

FIGURE 4-20. PRIMARY FUEL FILTER INSTALLATION (90KW - LS)

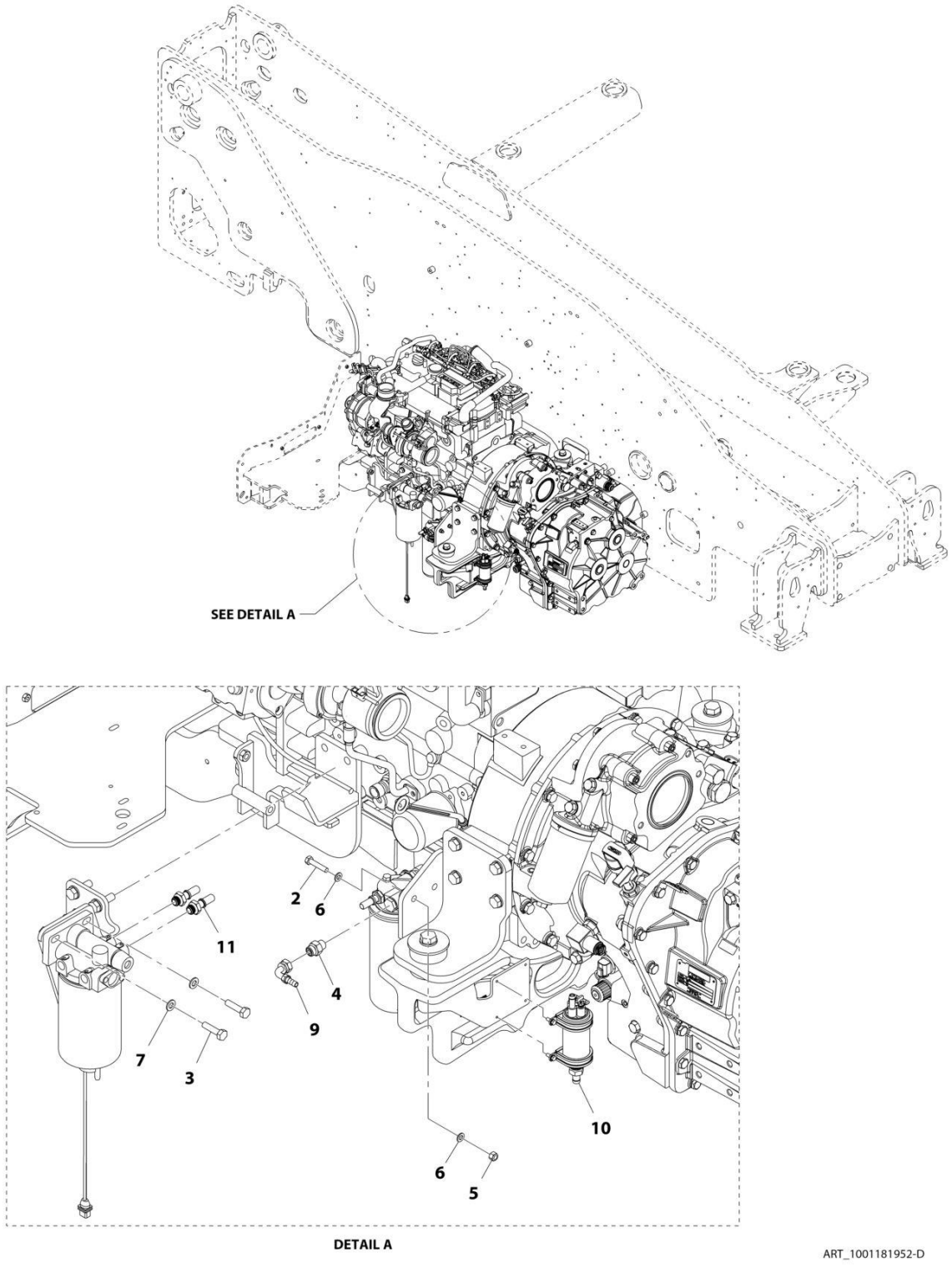


FIGURE 4-20. PRIMARY FUEL FILTER INSTALLATION (90KW - LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181952	Ref	Primary Fuel Filter Installation (90KW - LS)	D
2	0700816	2	Bolt, M8X40	
3	0701016	2	Bolt, M10X40	
4	2144606	1	Fitting, Straight ORFS	
5	3290805	2	Nut, Lock M8X1.25 Grade 8	
6	4811900	4	Washer, M8	
7	4812000	2	Washer, M10	
9	1001133793	1	Fitting, 90 ORFS	
10	1001165789	Ref	Installation, Remote Fuel Pump (74.4KW) (See Separate Breakdown in this Section)	
11	1001133690	2	Coupling, M16X1.5	

FIGURE 4-21. AIR CLEANER INSTALLATION (90KW)

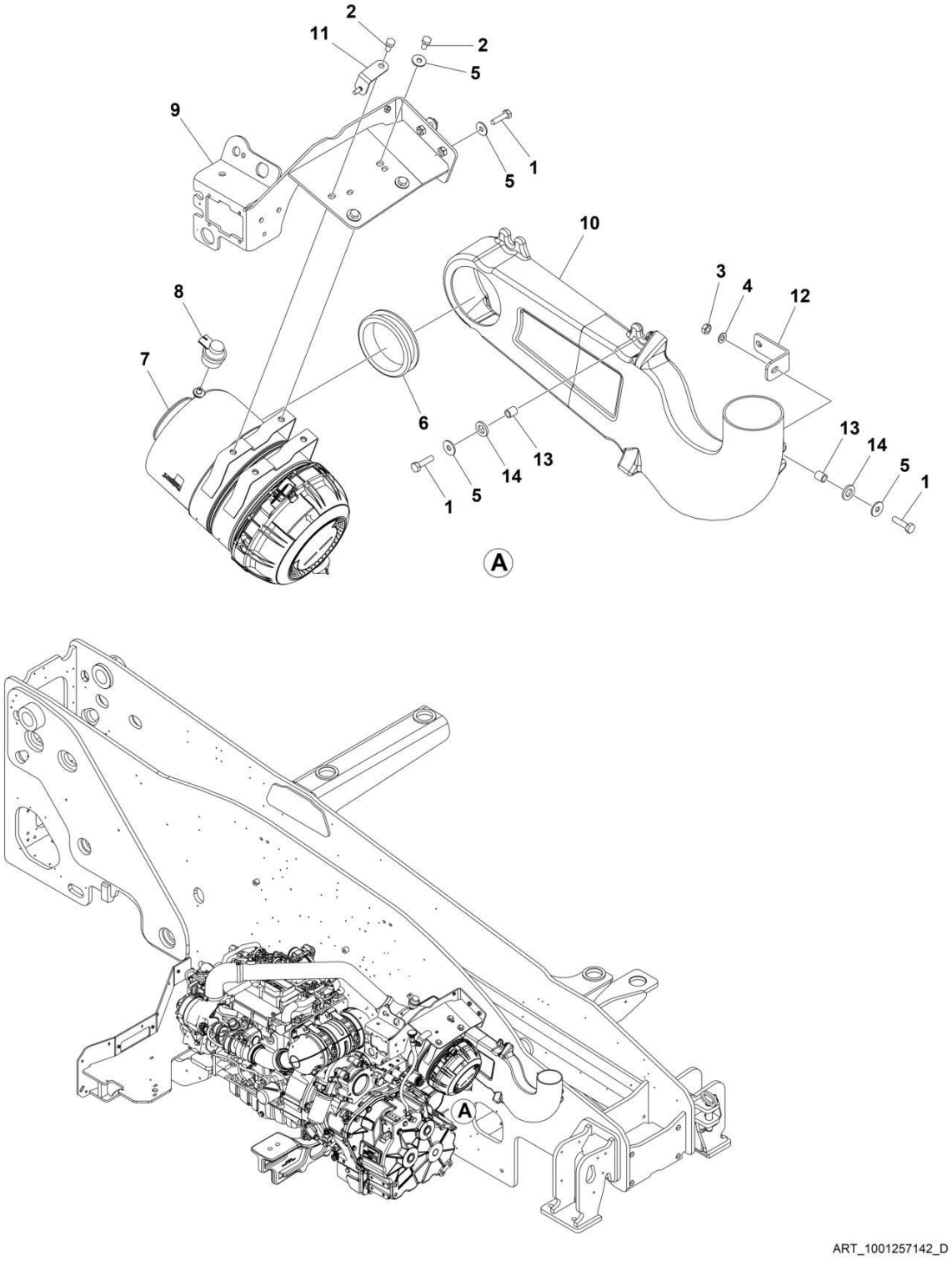


FIGURE 4-21. AIR CLEANER INSTALLATION (90KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257142	Ref	AIR CLEANER INSTALLATION (90/100KW)	D
1	0701016	8	Bolt M10 x 40	
2	0761010	4	Bolt M10 x 20	
3	3291001	1	Nut M10 x 1.5 Grade 8	
4	4812000	1	Washer M10	
5	4812002	11	Washer M10	
6	1001183831	1	Grommet	
7	1001166565	1	Filter, Air Cleaner (90/100KW) (See Separate Breakdown in this Section)	
8	1001166715	1	Sensor, Air Restriction	
9	1001212906	1	Bracket	
10	1001216813	1	Duct	
11	1001263830	1	Bracket	
12	1001231388	1	Bracket	
13	1001231389	5	Sleeve, Spacer	
14	1001231390	5	Washer	

FIGURE 4-22. AIR CLEANER ASSEMBLY (90/100KW)

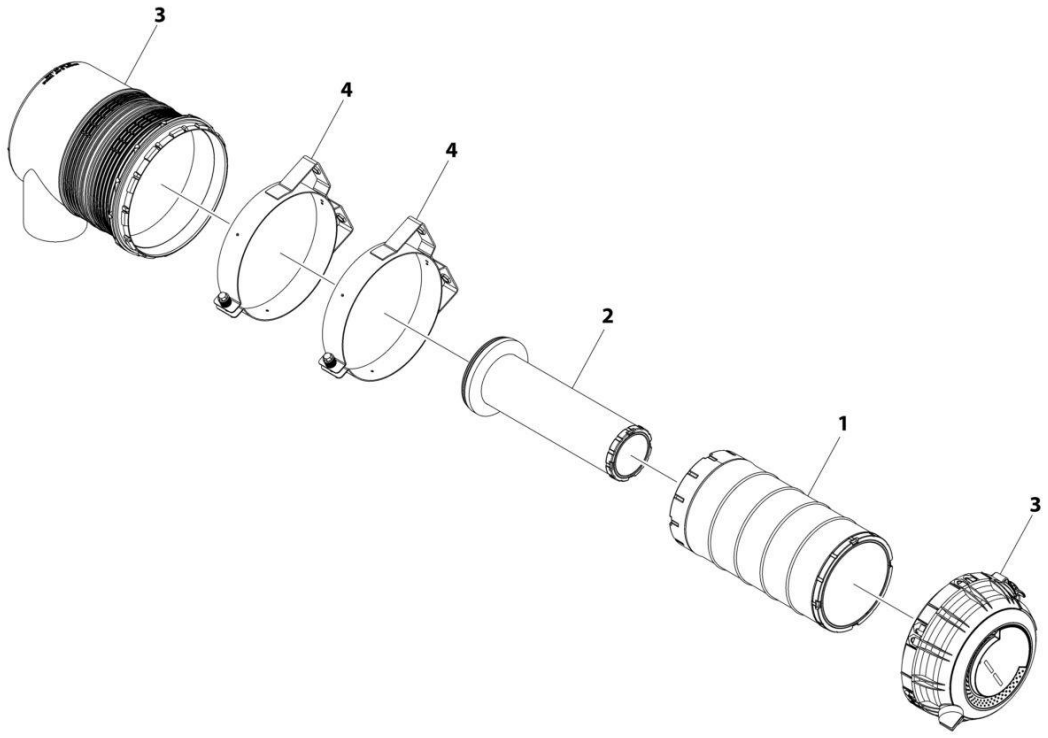
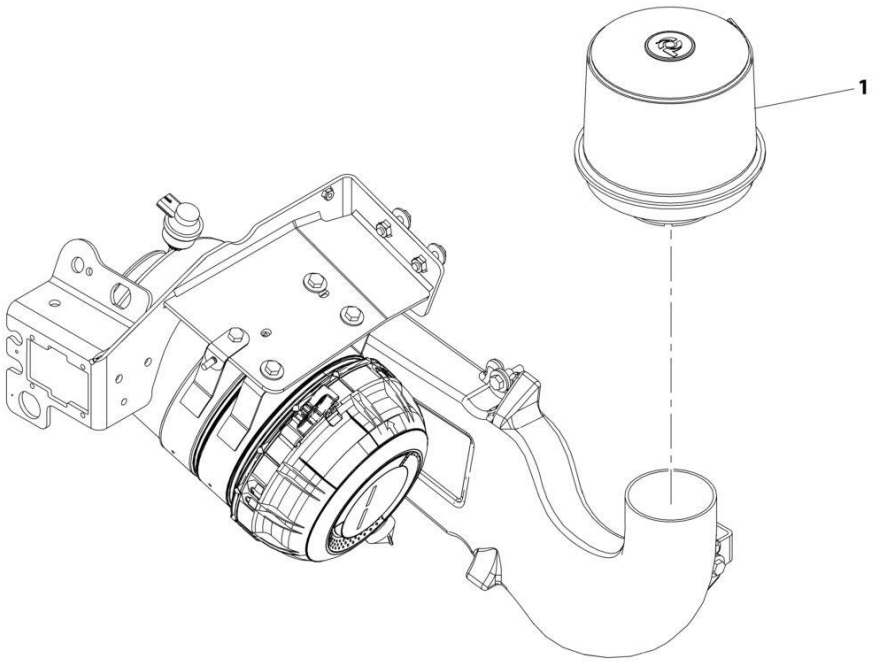


FIGURE 4-22. AIR CLEANER ASSEMBLY (90/100KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166565	Ref	AIR FILTER ASSEMBLY (90/100KW)	F
1	70025850	1	Filter, Cylindrical Air Primary	
2	70025851	1	Filter, Cylindrical Air Secondary	
3	70026395	1	Cover	
4	70026396	2	Bracket	

FIGURE 4-23. PRE-AIR CLEANER ACCESSORY

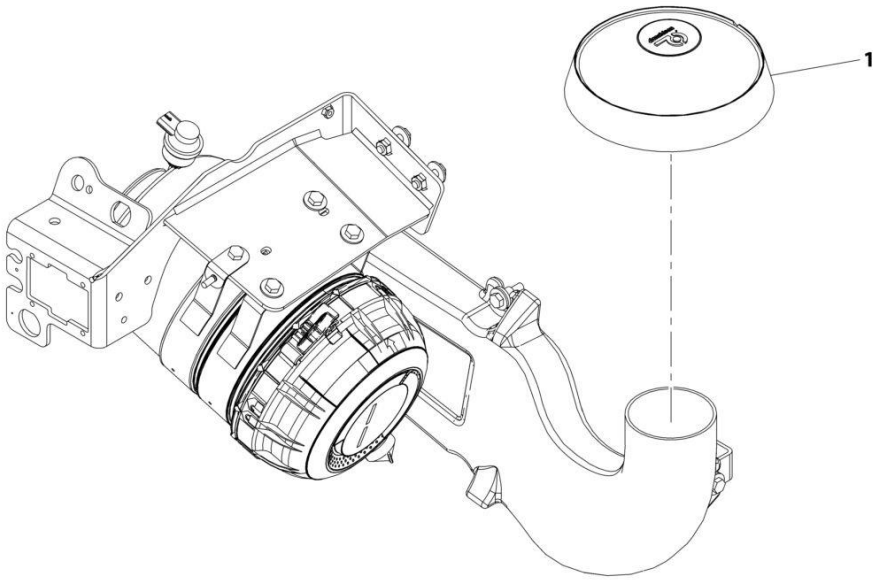


ART_1001231731-A

FIGURE 4-23. PRE-AIR CLEANER ACCESSORY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231731	Ref	PRE-AIR CLEANER ACCESSORY	A
1	1001092771	1	Accessory, Pre-Cleaner,Topspin	

FIGURE 4-24. AIR INTAKE RAIN CAP ACCESSORY



ART_1001231732-A

FIGURE 4-24. AIR INTAKE RAIN CAP ACCESSORY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231732	Ref	Air Intake Rain Cap Accessory	A
1	1001231750	1	Accessory, Rain Cap	

FIGURE 4-25. AIR INTAKE LINES INSTALLATION (90/100KW - ULS)

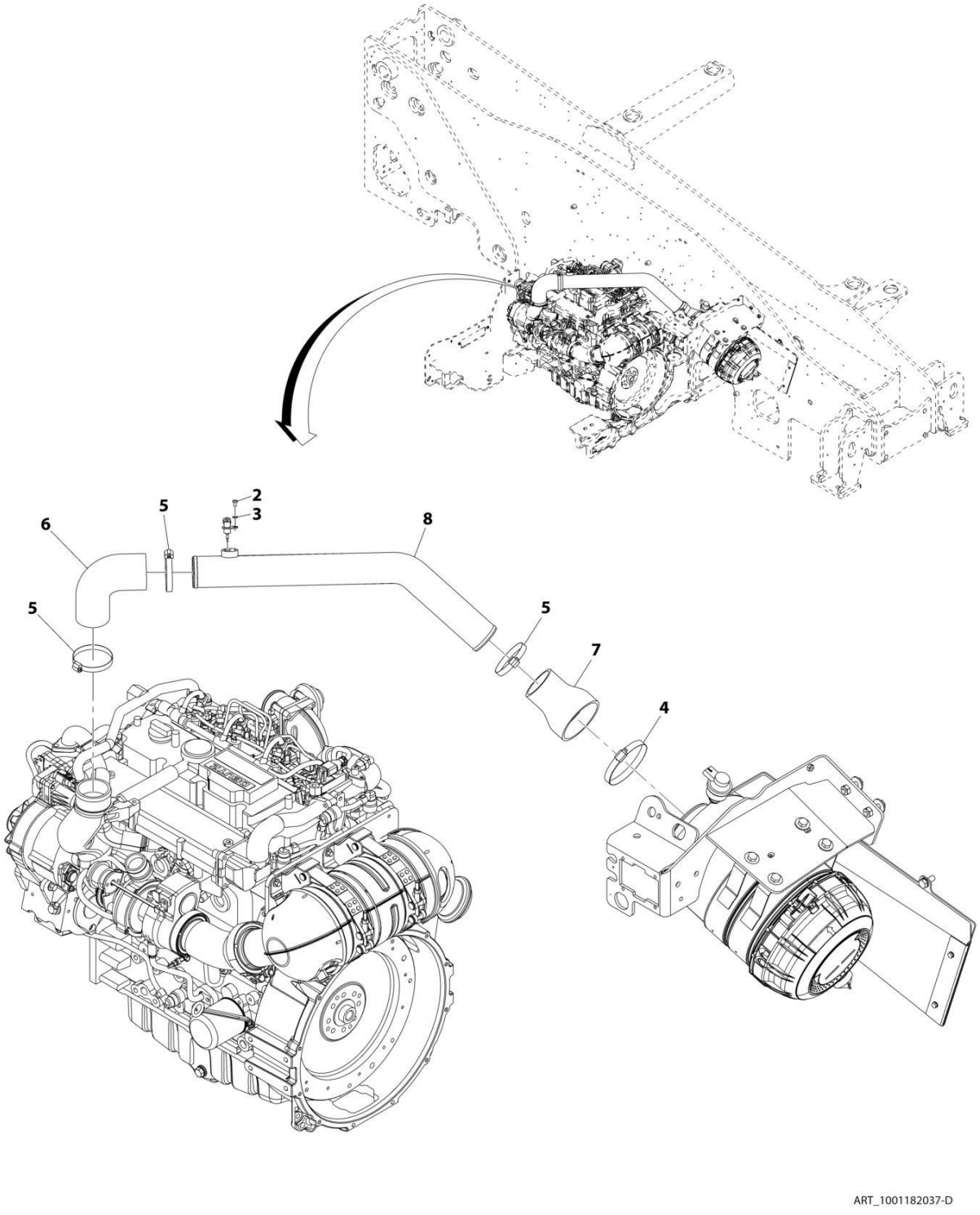


FIGURE 4-25. AIR INTAKE LINES INSTALLATION (90/100KW - ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182037	Ref	Air Intake Lines Installation (90/100KW - ULS)	D
2	0760605	1	Bolt, M6X10	
3	4811700	1	Washer, M6	
4	8405402	1	Clamp	
5	8410011	3	Clamp, Gear	
6	1001182881	1	Hose	
7	1001182885	1	Hose	
8	1001182886	1	Tube	

FIGURE 4-26. AIR INTAKE LINES INSTALLATION (90KW - LS)

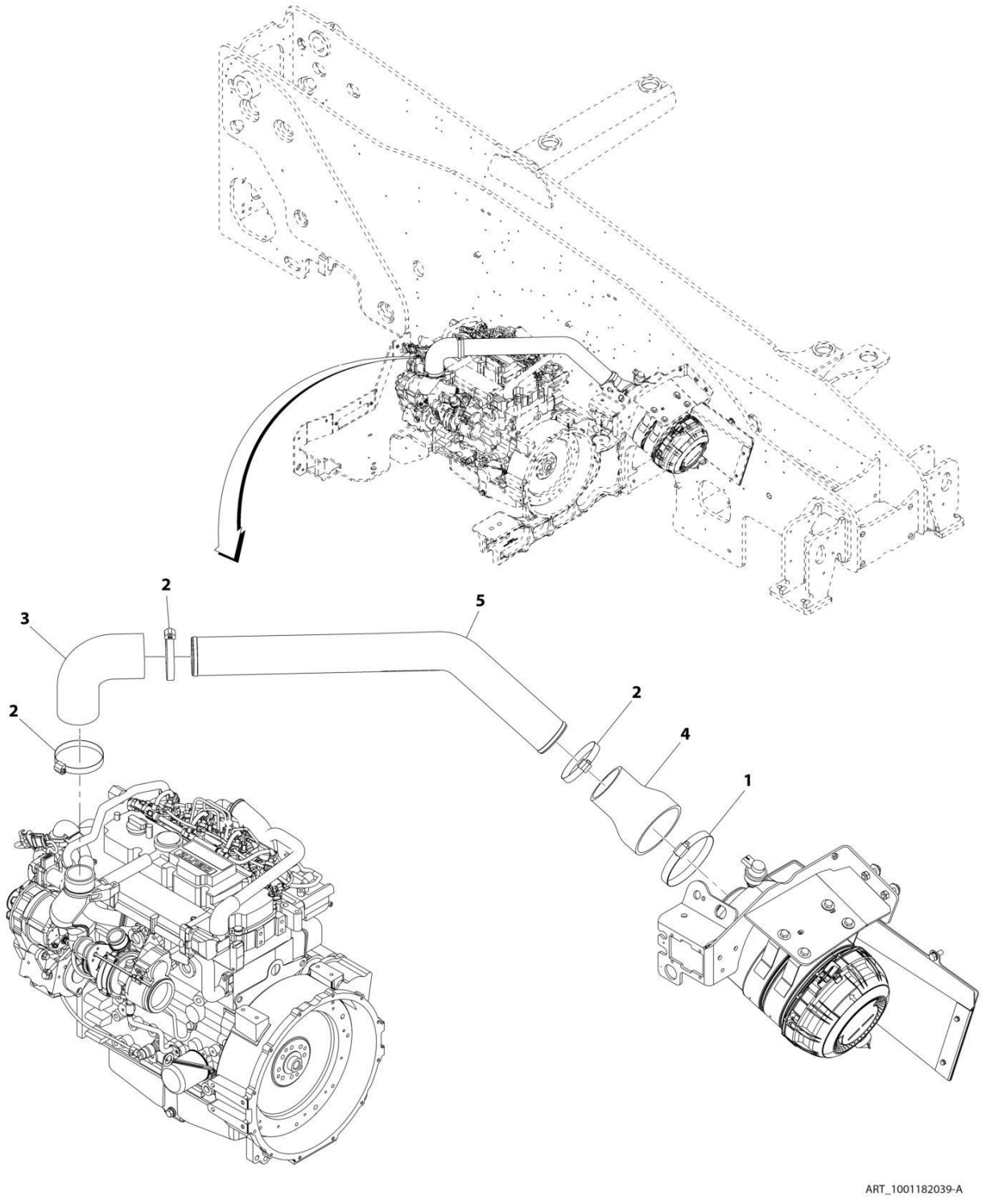


FIGURE 4-26. AIR INTAKE LINES INSTALLATION (90KW - LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182039	Ref	Air Intake Lines Installation (90KW - LS)	A
1	8405402	1	Clamp	
2	8410011	3	Clamp, Gear	
3	1001182881	1	Hose	
4	1001182885	1	Hose	
5	1001182888	1	Tube	

FIGURE 4-27. COOLER INSTALLATION (90KW)

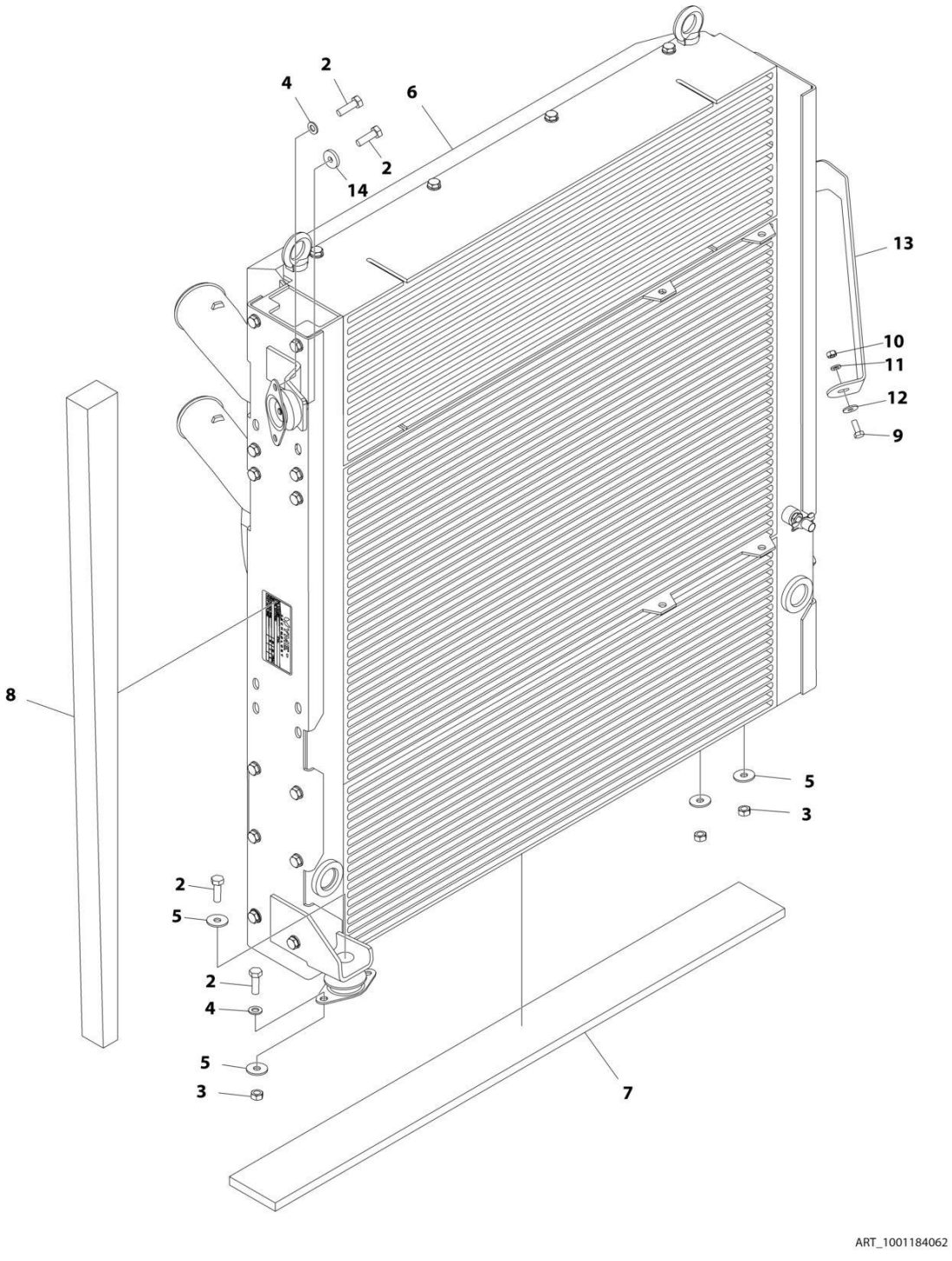


FIGURE 4-27. COOLER INSTALLATION (90KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184062	Ref	COOLER INSTALLATION (90KW)	E
2	0760812	9	Bolt M8 x 25	
3	3290801	4	Nut M8 x 1.25 Grade 8	
4	4811900	6	Washer M8	
5	4811902	6	Washer M8	
6	1001175320	1	Package, Radiator Cooling (90KW) (See Separate Breakdown in this Section)	
7	1001182994	1	Seal	
8	1001182995	1	Seal	
9	0760608	1	Bolt M6 x 16	
10	3290601	1	Nut M6 x 1 Grade 8	
11	4811700	1	Washer M6	
12	4811702	1	Washer M6	
13	1001202120	1	Plate	
14	4740572	1	Washer M10	

FIGURE 4-28. RADIATOR COOLING PACKAGE (90KW)

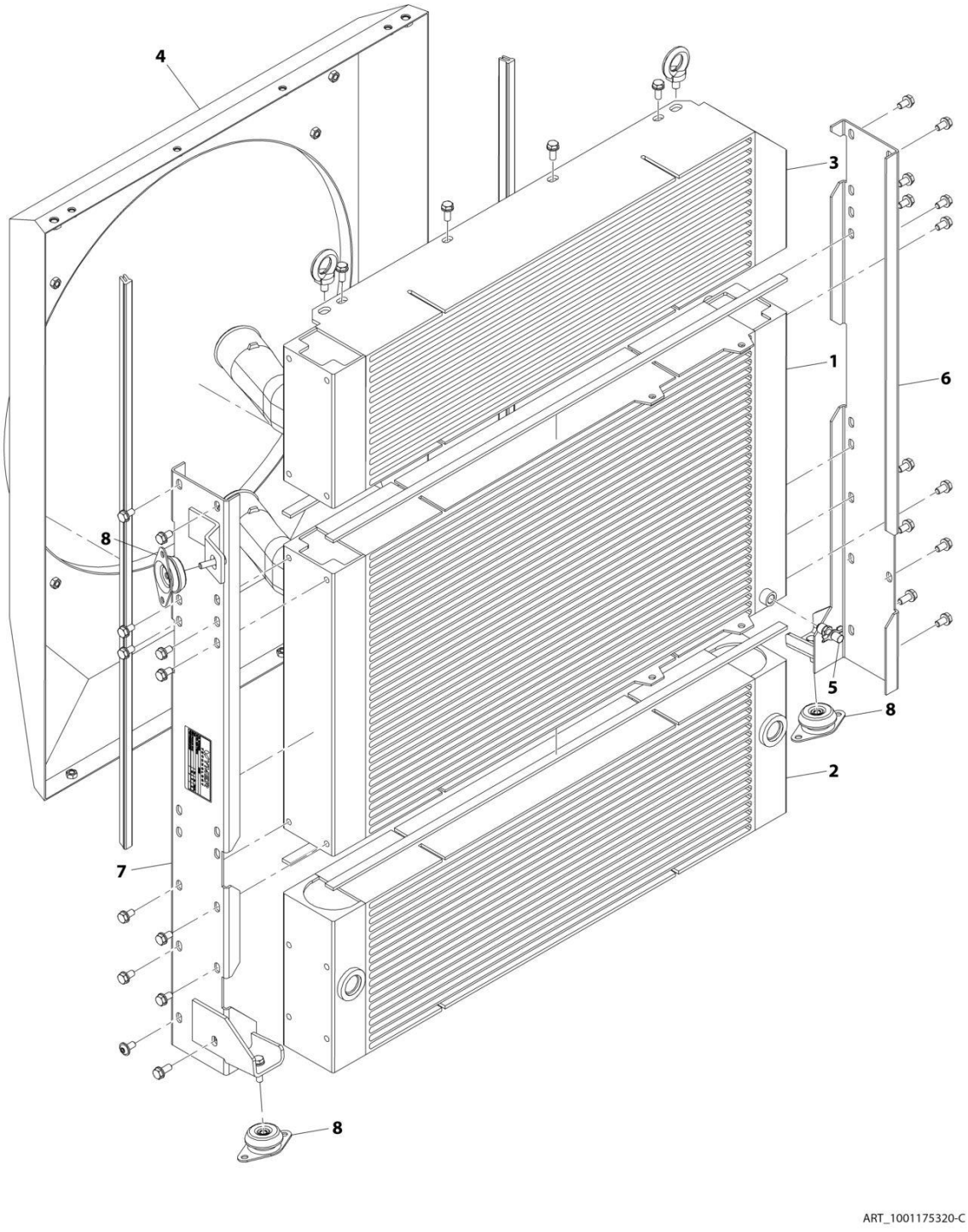


FIGURE 4-28. RADIATOR COOLING PACKAGE (90KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175320	Ref	Radiator Cooling Package (90KW)	C
1	70027199	1	Cooler, Water	
2	70027200	1	Cooler, Oil	
3	70027201	1	Cooler, Air	
4	70027202	1	Shroud	
5	70025644	1	Valve, Drain	
6	70027203	1	Bracket, Mounting	
7	70027204	1	Bracket, Mounting	
8	1001184609	1	Isolator, Mount	

FIGURE 4-29. REMOTE HOC INSTALLATION

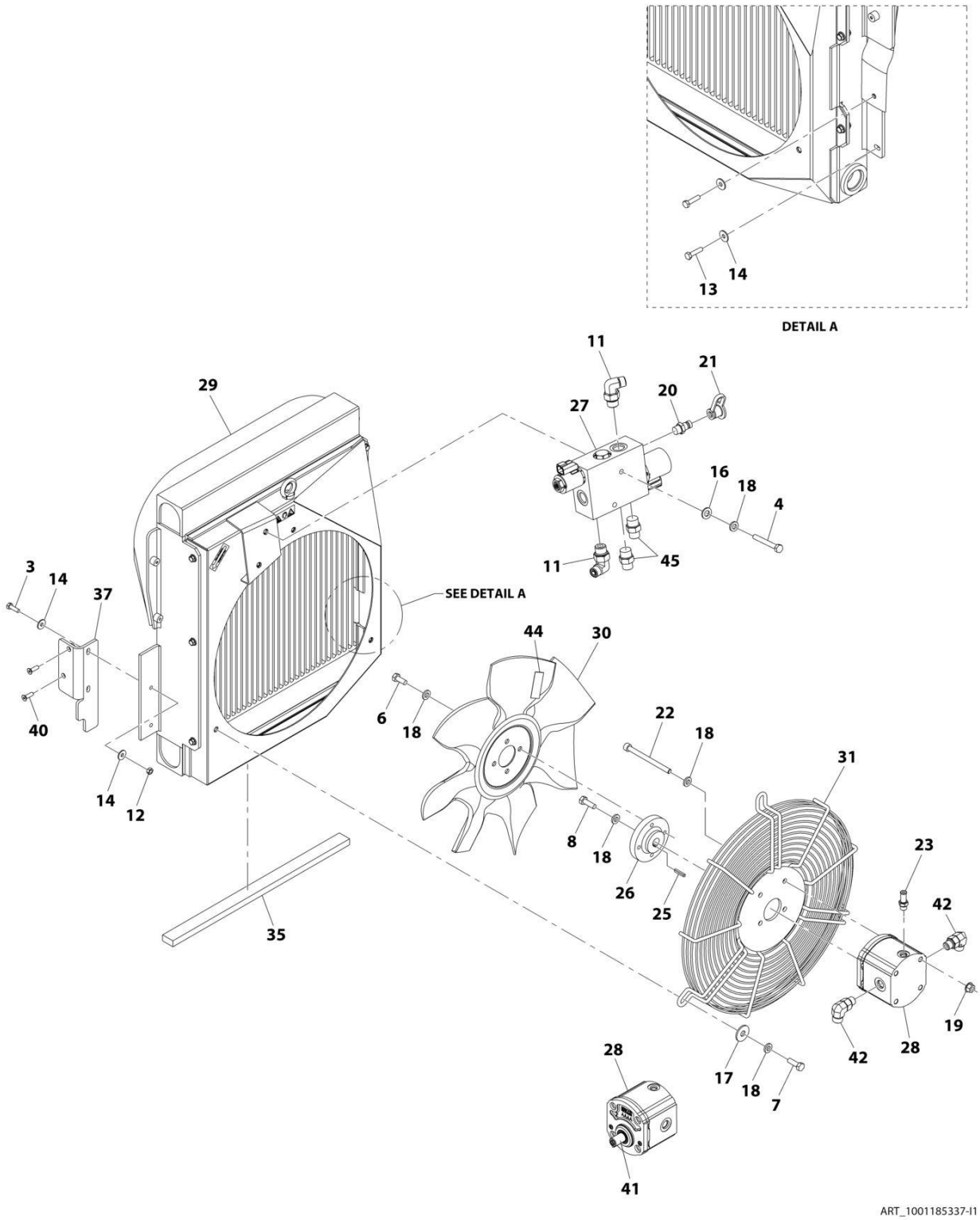


FIGURE 4-29. REMOTE HOC INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185337	Ref	Remote HOC Installation	I
3	0700610	2	Bolt, M6X20	
4	0700821	2	Bolt, M8X65	
6	0770810	4	Bolt, M8X20 Grade 10.9	
7	0760812	3	Bolt, M8X25	
8	1001139034	1	Bolt	
11	2130608	2	Fitting, 90 ORFS	
12	3290601	2	Nut, M6X1 Grade 8	
13	0700612	2	Bolt, M6X25	
14	4811702	6	Washer, M6	
16	4812000	2	Washer, M10	
17	4812002	3	Washer, M10	
18	5240800	14	Washer, M8	
19	5260800	4	Nut, M8	
20	1001003590	1	Fitting, Straight	
21	1001008761	1	Cap, Dust	
22	1001093277	4	Bolt, M8X100	
23	1001093401	1	Fitting, Straight ORFS	
25	1001152940	1	Key, Fan Hub	
26	1001191508	1	Adapter, Fan Hub	
27	1001182213	1	Valve, Fan Motor Control (See Separate Breakdown in Hydraulic Components Section)	
28	1001182950	1	Motor, Fan Drive (7.29CC) (See Separate Breakdown in this Section)	
29	1001183956	1	Cooler, Oil	
30	1001185210	1	Fan	
31	1001185282	1	Shield, Fan	
35	1001219810	1	Seal	
37	1001197430	1	Bracket	
40	0630576	2	Screw, M6X20	
41	1001125466	AR	Compound, Locking	
42	2130606	2	Fitting, 90 ORFS	
44	1001222573	AR	Reflective Tape	
45	2110608	2	Fitting, Straight ORFS	

FIGURE 4-30. FAN DRIVE MOTOR (RHOC)

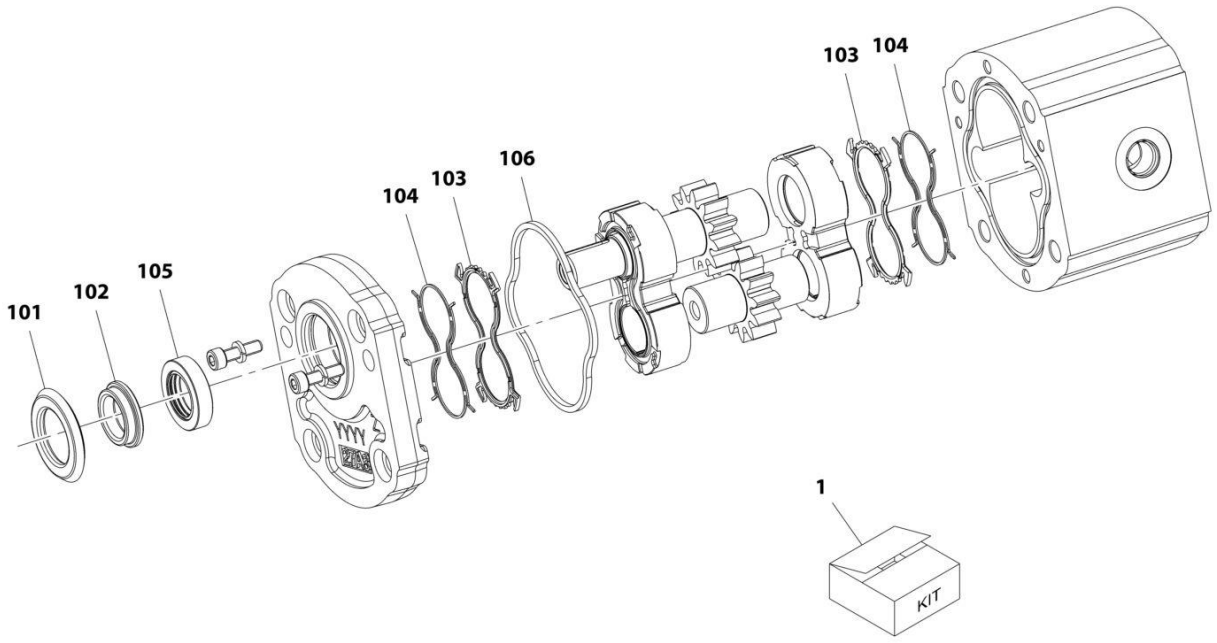


FIGURE 4-30. FAN DRIVE MOTOR (RHOC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182950	Ref	Fan Drive Motor (RHOC)	B
1	70027037	1	Kit, Seal	
101	N.S.S.	1	Seal, Axial	
102	N.S.S.	1	Bush Holder	
103	N.S.S.	2	Seal	
104	N.S.S.	2	Ring	
105	N.S.S.	1	Seal	
106	N.S.S.	1	Seal	

FIGURE 4-31. COOLANT LINES INSTALLATION (ULS)

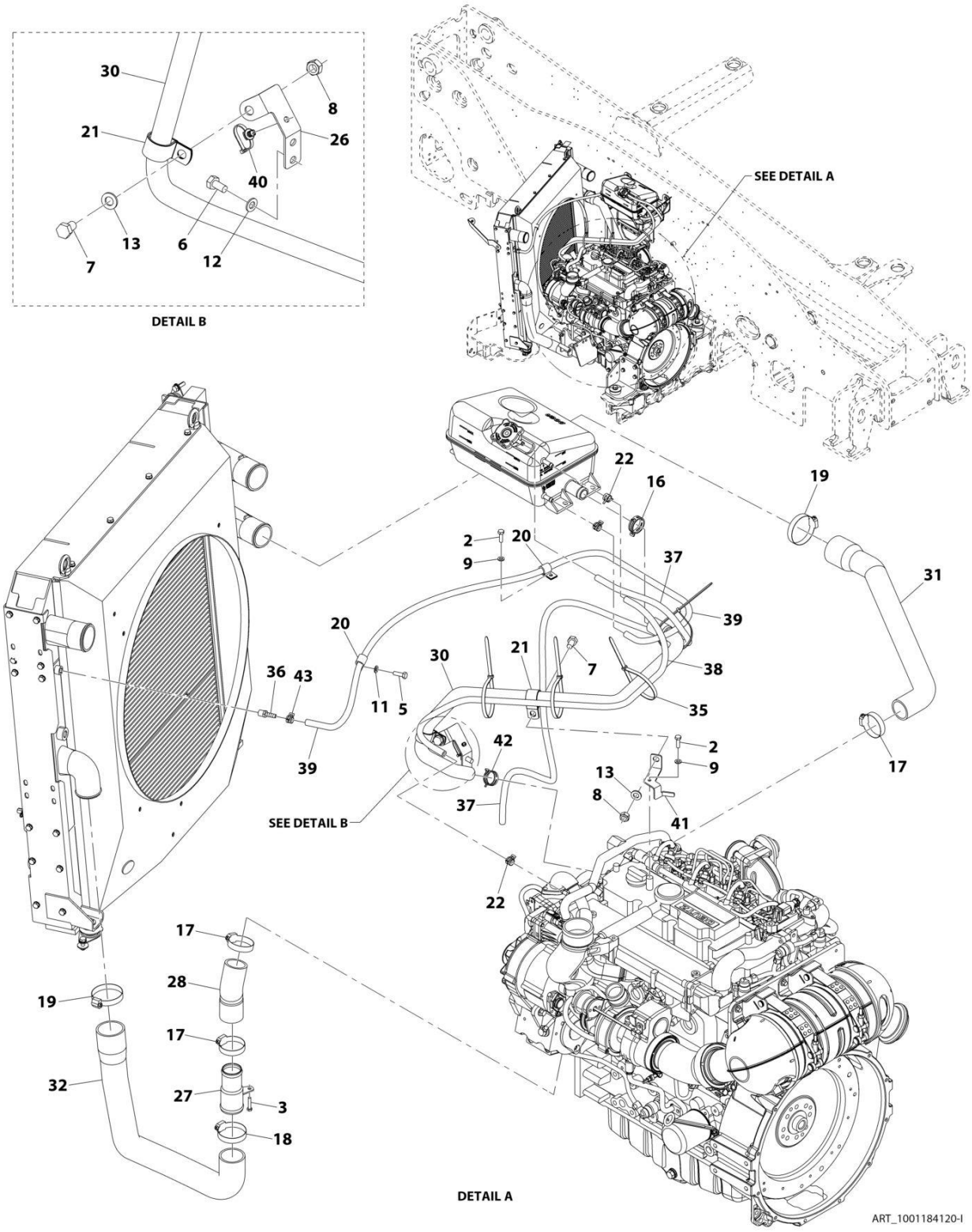


FIGURE 4-31. COOLANT LINES INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184120	Ref	Coolant Lines Installation (ULS)	I
2	0700610	2	Bolt, M6X20	
3	0700614	1	Bolt, M6X30	
5	0760812	1	Bolt, M8X25	
6	0761010	2	Bolt, M10X20	
7	0761210	2	Bolt, M12X20	
8	3291201	2	Nut, M12X1.75 Grade 8	
9	4811700	2	Washer, M6	
11	4811900	1	Washer, M8	
12	4812000	2	Washer, M10	
13	4812100	2	Washer, M12	
16	1001212949	1	Clamp	
17	8405104	3	Clamp	
18	8405201	1	Clamp	
19	8405202	2	Clamp, Gear	
20	1001008580	2	Clip	
21	8406302	2	Clamp, Hose	
22	1001195443	3	Clamp	
26	1001168727	1	Bracket	
27	1001189884	1	Pipe	
28	1001217333	1	Hose	
30	1001184099	1	Hose	
31	1001184129	1	Hose	
32	1001184128	1	Hose	
35	1062255	AR	Strap, Tie	
36	8420231	1	Adapter	
37	1001203009	1	Hose	
38	1001203027	1	Hose	
39	1001203028	1	Hose	
40	1001146588	1	Strap	
41	1001205551	1	Bracket	
42	1001212948	1	Clamp	
43	1001140296	1	Clamp	

FIGURE 4-32. COOLER LINES INSTALLATION (90KW)

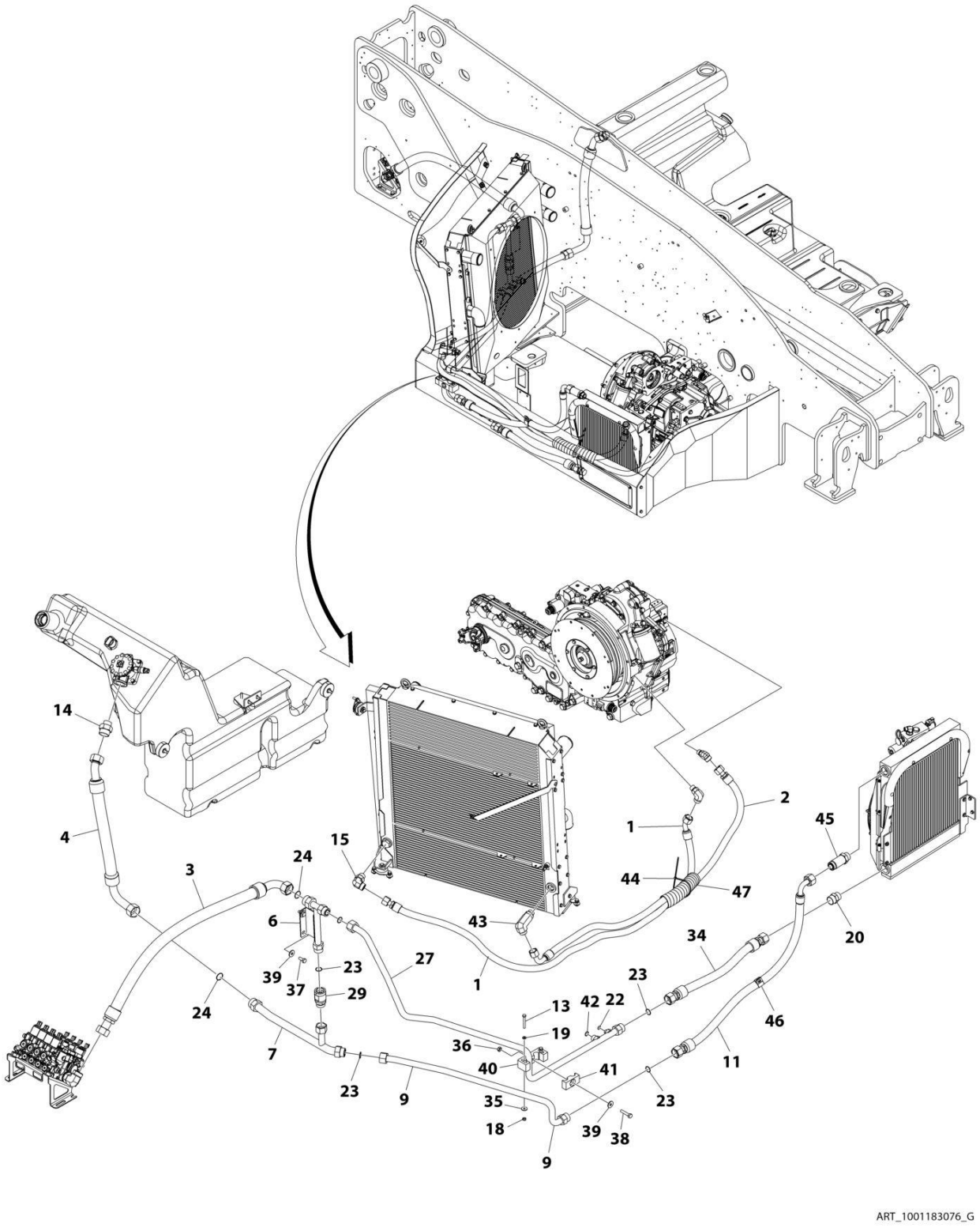


FIGURE 4-32. COOLER LINES INSTALLATION (90KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183076	Ref	COOLER LINES INSTALLATION (90KW)	G
1	1001203173	1	Hose, ORFS	
2	1001229093	1	Hose, ORFS	
3	1001202249	1	Hose, ORFS	
4	1001203039	1	Hose, ORFS	
6	1001202445	1	Pipe, ORFS	
7	1001203014	1	Pipe, ORFS	
9	1001202329	1	Pipe, ORFS	
11	1001265061	1	Hose, ORFS	
13	0700820	2	Bolt, M8X60	
14	2112016	1	Fitting, Straight ORFS	
15	2131212	1	Fitting, 90 ORFS	
18	3290801	2	Nut, M8X1.25 Grade 8	
19	4811900	2	Washer, M8	
20	2111616	1	Fitting, Straight ORFS	
22	1001008804	1	Seal	
23	1001010240	5	Seal, O-Ring ORFS	
24	1001010938	2	Seal, O-Ring ORFS	
27	1001202328	1	Pipe, ORFS	
29	1001185871	1	Check, Valve ORFS	
34	1001202376	1	Hose, ORFS	
35	4811902	2	Washer, M8	
36	3291001	1	Nut, M10X1.5 Grade 8	
37	0701012	2	Bolt, M10X25	
38	0701018	1	Bolt, M10X50	
39	4812002	3	Washer, M10	
40	1001202653	1	Clamp, Pipes Female	
41	1001202654	1	Clamp, Pipes Male	
42	1001008922	1	Seal	
43	2170212	1	Fitting, 90 ORFS	
44	1062255	1	Strap, Tie	
45	2170116	1	Fitting, Straight ORFS	
46	8406302	1	Clamp	
47	1001268889	1	Sleeve, Hose Wrap	

FIGURE 4-33. CAC LINES INSTALLATION (ULS)

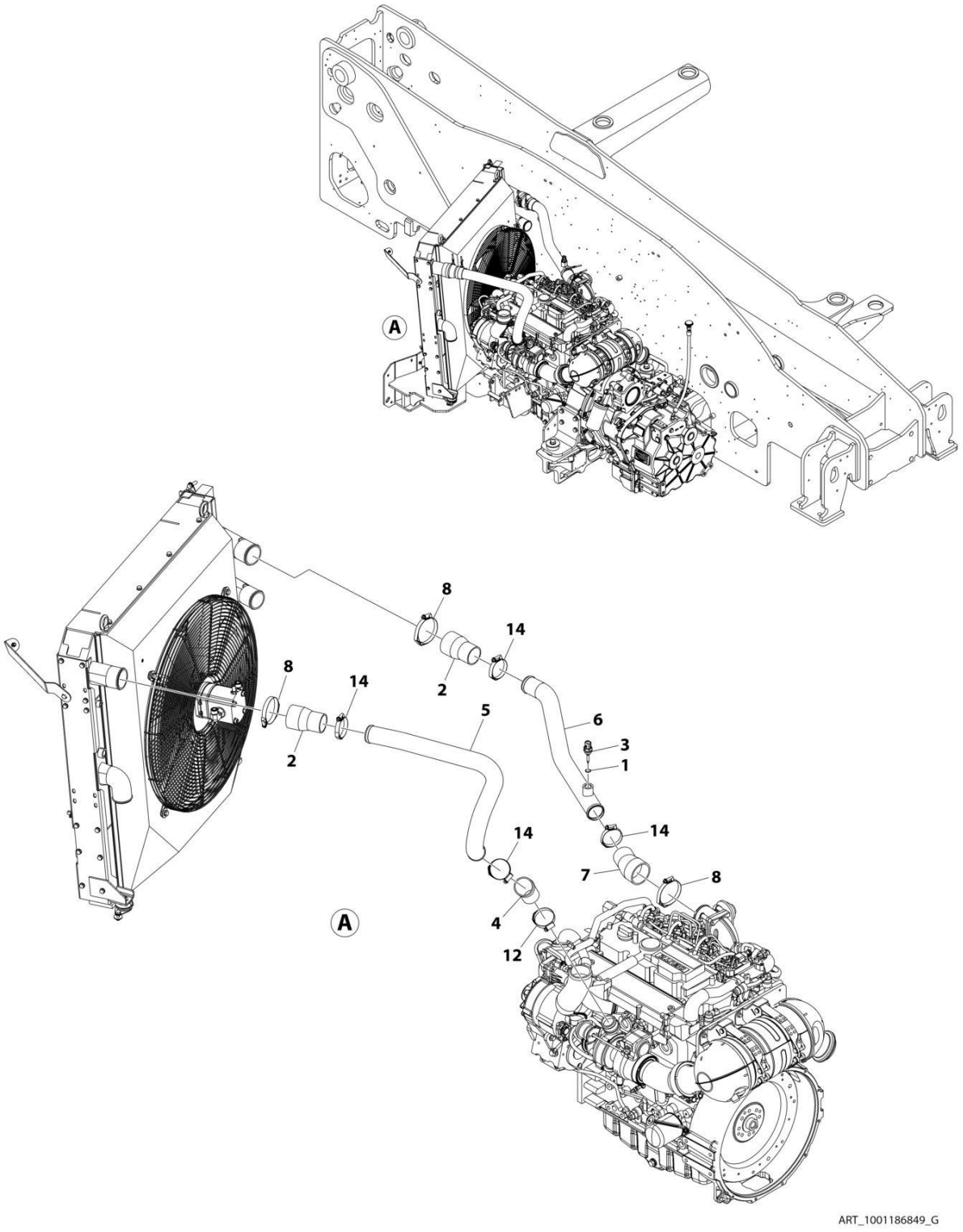
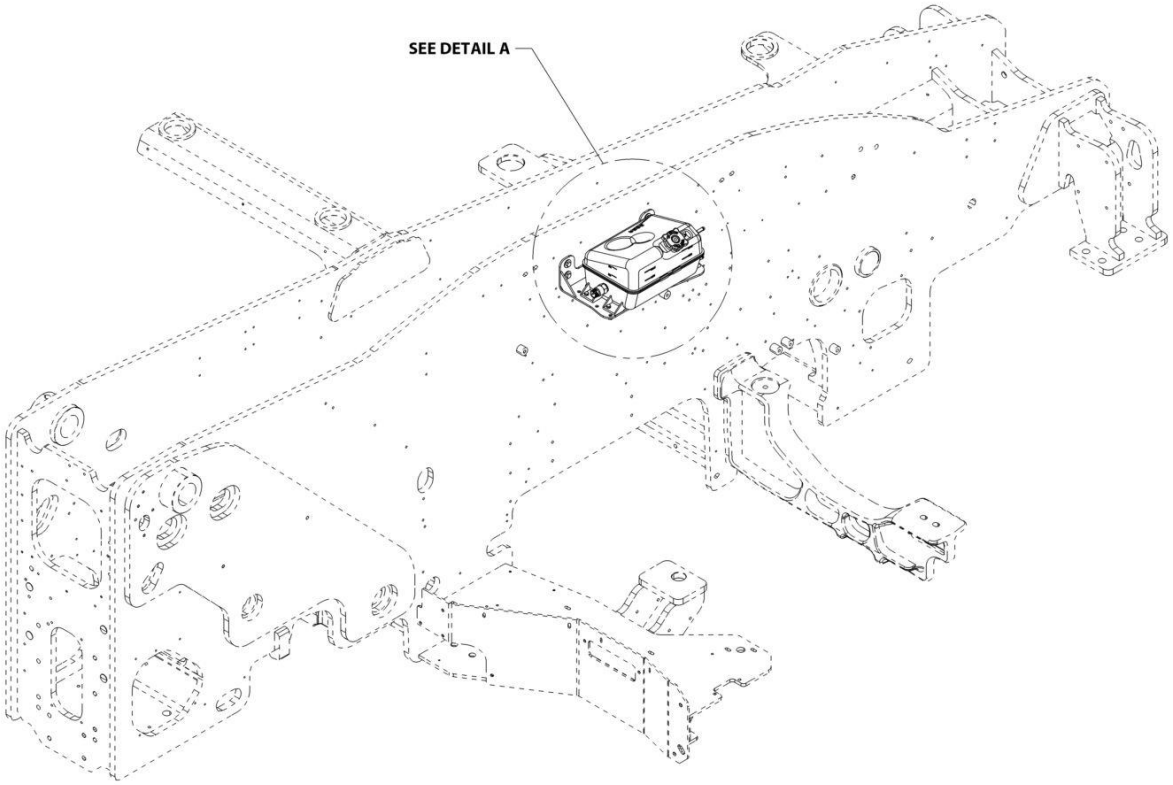
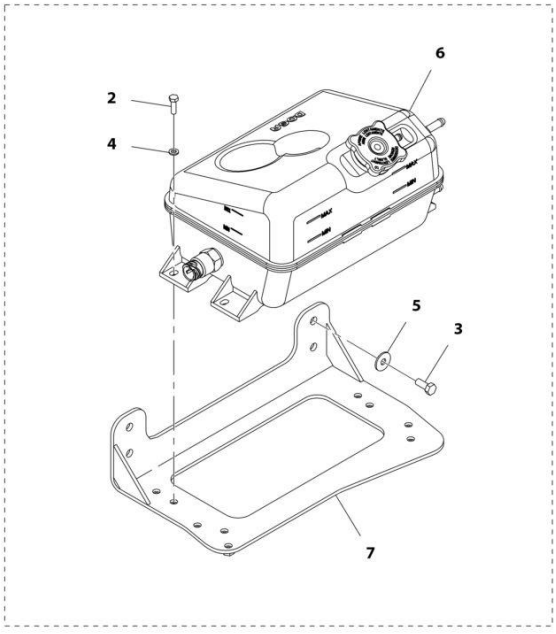


FIGURE 4-33. CAC LINES INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186849	Ref	CAC LINES INSTALLATION (ULS)	G
1	1001009163	1	O-Ring	
2	1001226096	2	Coupling, Reducer	
3	1001128478	1	Sensor, Temperature	
4	1001197653	1	Coupling, Reducer	
5	1001197641	1	Pipe	
6	1001197638	1	Pipe	
7	1001197654	1	Coupling, Reducer	
8	1001215022	3	Clamp	
12	1001215024	1	Clamp	
14	1001215023	4	Clamp	

FIGURE 4-34. SURGE TANK INSTALLATION





DETAIL A

ART_1001179864-C

FIGURE 4-34. SURGE TANK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179864	Ref	Surge Tank Installation	C
2	0700610	4	Bolt, M6X20	
3	0760810	4	Bolt, M8X20	
4	4811700	4	Washer, M6	
5	4811902	4	Washer, M8	
6	1001149375	1	Tank, Expansion (See Separate Breakdown in this Section)	
7	1001188407	1	Bracket	

FIGURE 4-35. EXPANSION TANK

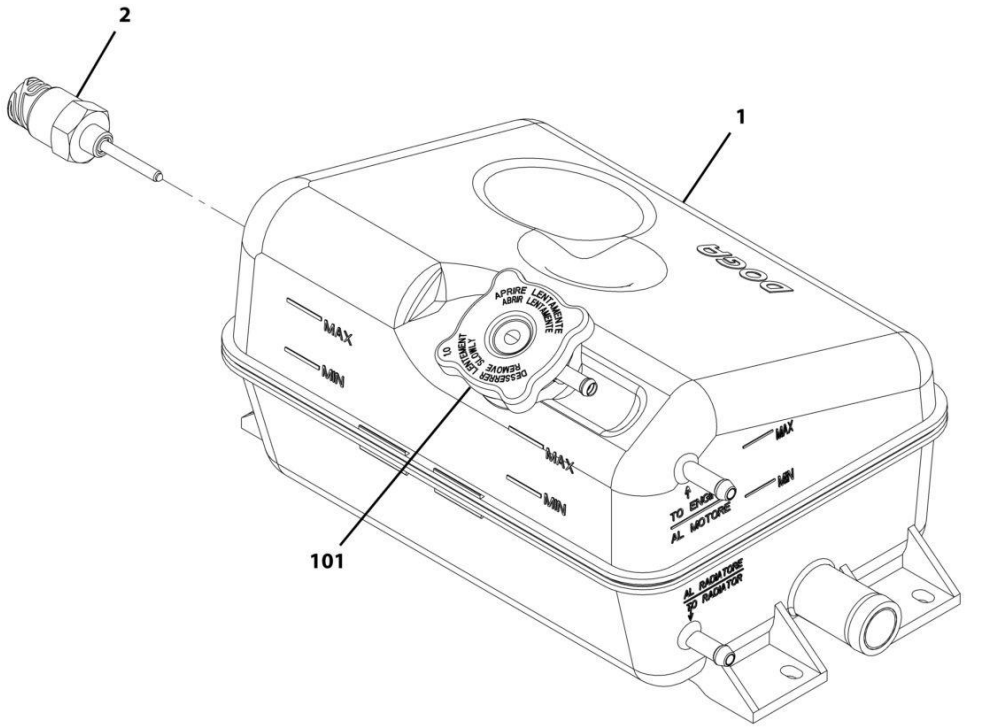


FIGURE 4-35. EXPANSION TANK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001149375	Ref	EXPANSION TANK	B
1	1001149308	1	Tank, Expansion	
2	1001149376	1	Sensor, Coolant Level	
101	70026997	1	Cap	

FIGURE 4-36. BULKHEAD INSTALLATION

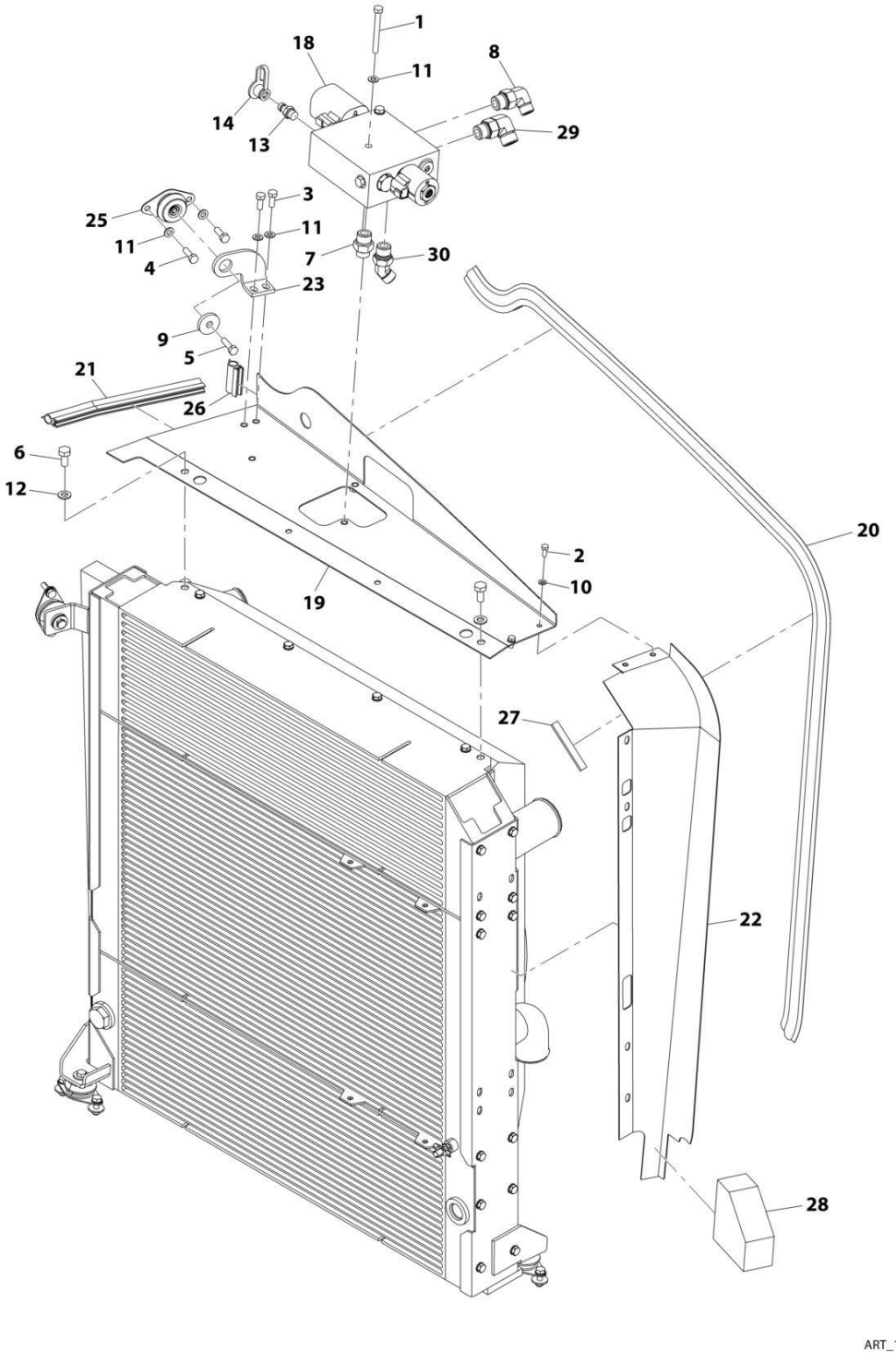
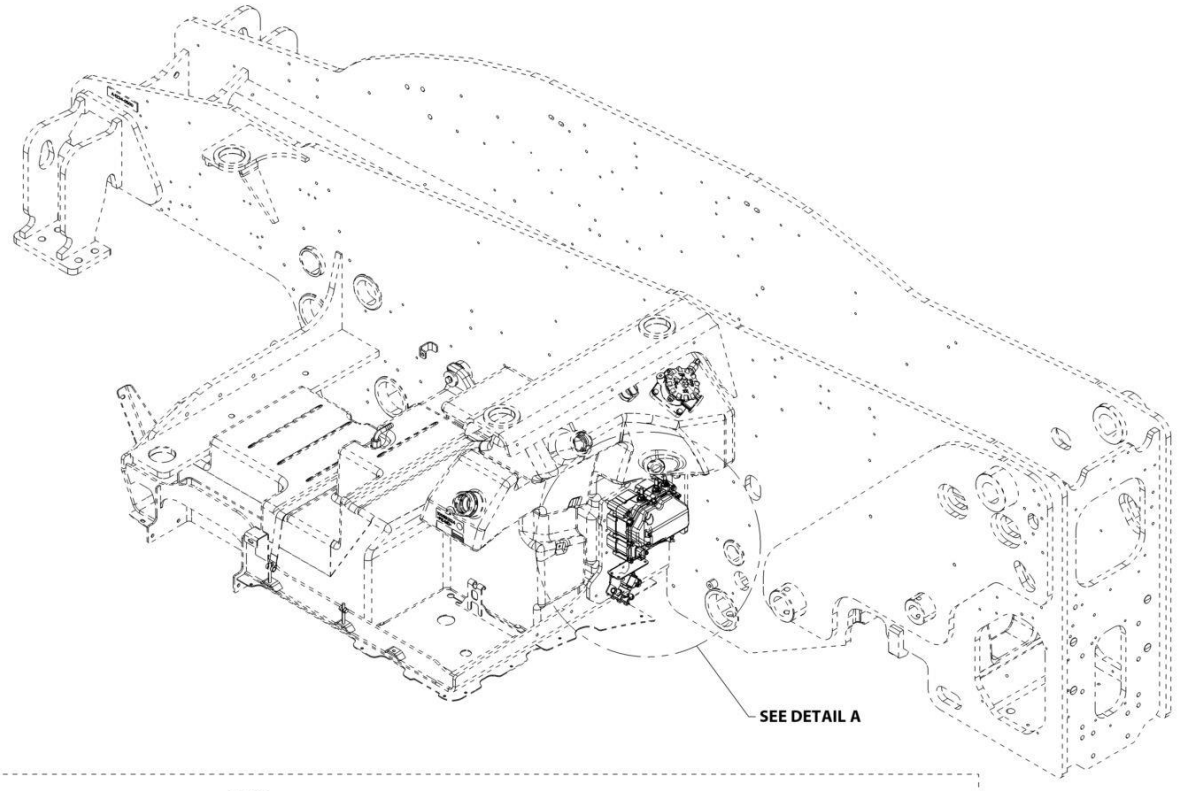
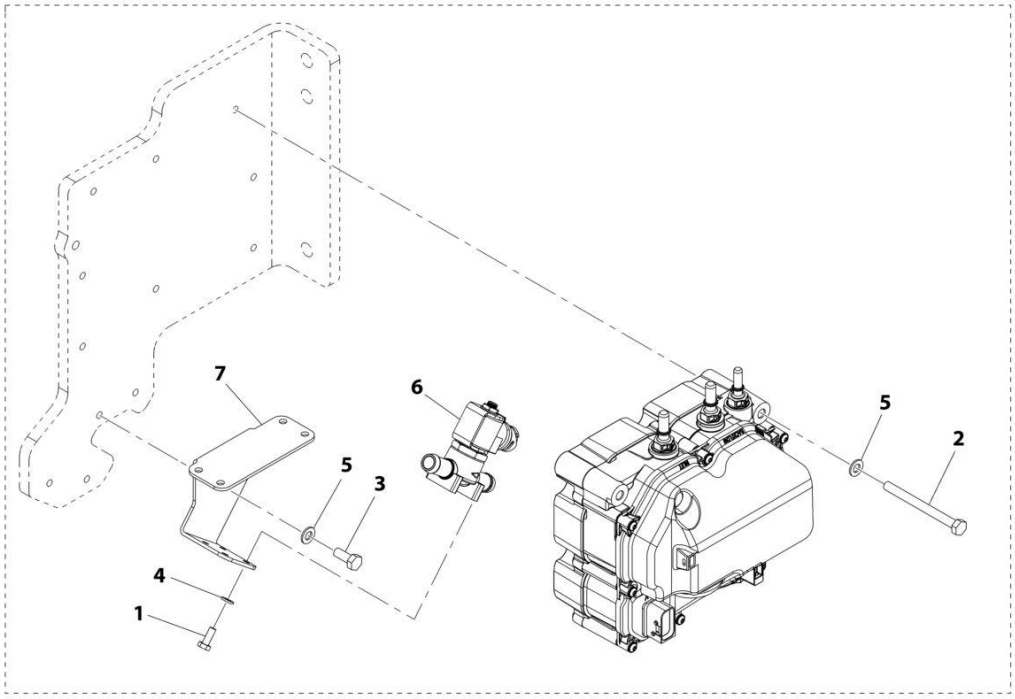


FIGURE 4-36. BULKHEAD INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184955	Ref	Bulkhead Installation	H
1	0700823	2	Bolt, M8X75	
2	0760607	2	Bolt, M6X14	
3	0760810	2	Bolt, M8X20	
4	0760812	2	Bolt, M8X25	
5	0760814	1	Bolt, M8X30	
6	0761011	2	Bolt, M10X22	
7	2110810	1	Fitting, Straight ORFS	
8	2130810	1	Fitting, 90 ORFS	
9	4740572	1	Washer, M10	
10	4811700	2	Washer, M6	
11	4811900	6	Washer, M8	
12	4812000	2	Washer, M10	
13	1001003590	1	Fitting, Straight	
14	1001008761	1	Cap	
18	1001200908	1	Valve, Fan Motor Control	
19	1001230411	1	Panel	
20	1001182452	1	Seal	
21	1001182453	1	Seal	
22	1001183958	1	Panel	
23	1001184445	1	Bracket	
25	1001184609	1	Mount	
26	1001184800	1	Seal	
27	1001216867	1	Seal, Bulkhead	
28	1001186370	1	Seal	
29	2131010	1	Fitting, 90 ORFS	
30	2150810	1	Fitting, 45 ORFS	

FIGURE 4-37. DEF CONTROL MODULE INSTALLATION (ULS)





DETAIL A

ART_1001256563-A

FIGURE 4-37. DEF CONTROL MODULE INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256563	Ref	DEF Control Module Installation (ULS)	A
1	0700608	4	Bolt, M6X16	
2	0700826	3	Bolt, M8X90	
3	0760810	2	Bolt, M8X20	
4	4811700	4	Washer, M6	
5	4811900	5	Washer, M8	
6	1001199670	1	Valve	
7	1001256410	1	Bracket	

FIGURE 4-38. DEF TANK INSTALLATION (ULS)

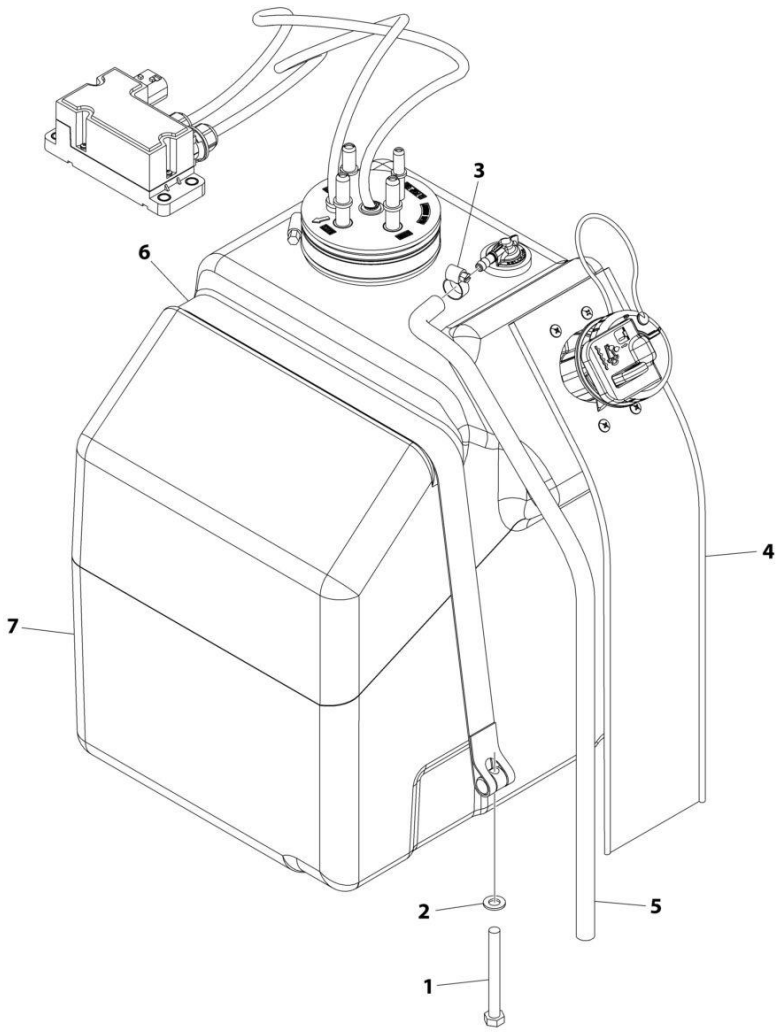


FIGURE 4-38. DEF TANK INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256277	Ref	DEF TANK INSTALLATION (ULS)	B
1	0760823	1	Bolt M8 x 75	
2	4811900	1	Washer M8	
3	8405009	1	Clamp	
4	1001168272	1	Sleeve	
5	1001175201	0.6 m	Hose	
6	1001178791	1	Strap	
7	1001289563	1	DEF Tank Assembly (ULS) (See Separate Breakdown in this Section)	

FIGURE 4-39. DEF TANK ASSEMBLY

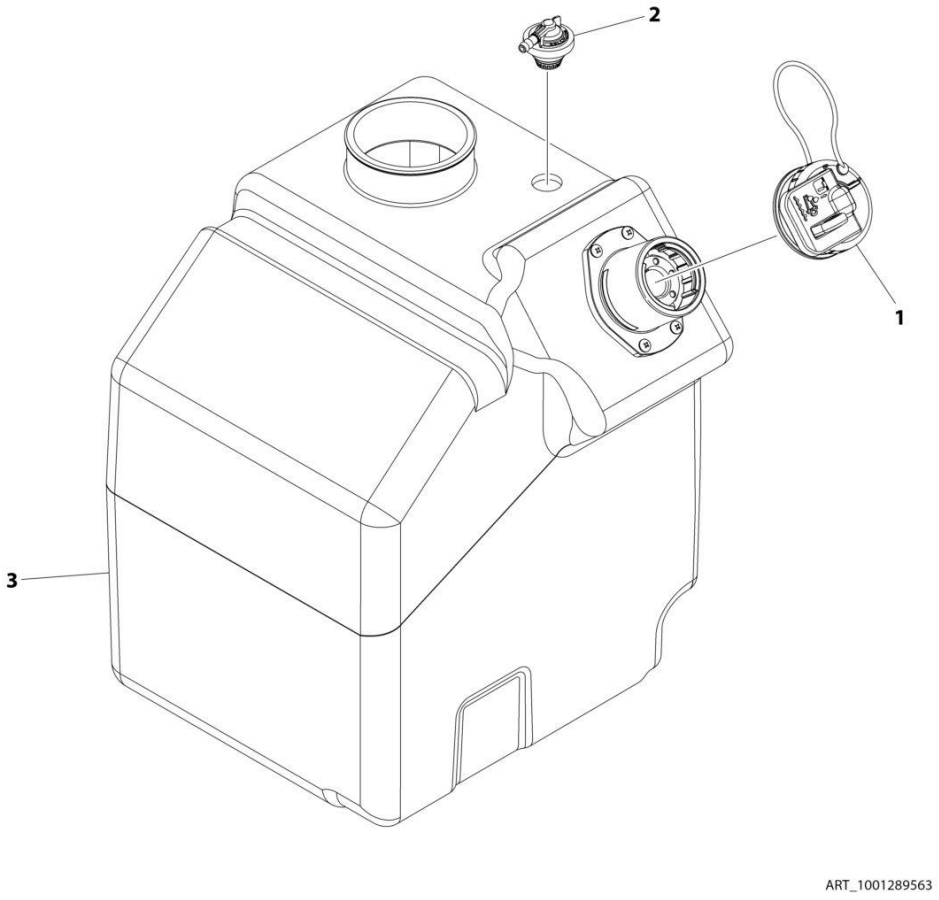


FIGURE 4-39. DEF TANK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289563	Ref	DEF TANK ASSEMBLY	A
1	1001174795	1	Reutter Cap Assembly	
2	1001215319	1	DEF Breather Valve	
3	1001289562	1	DEF Tank	

FIGURE 4-40. DEF LINES INSTALLATION (ULS)

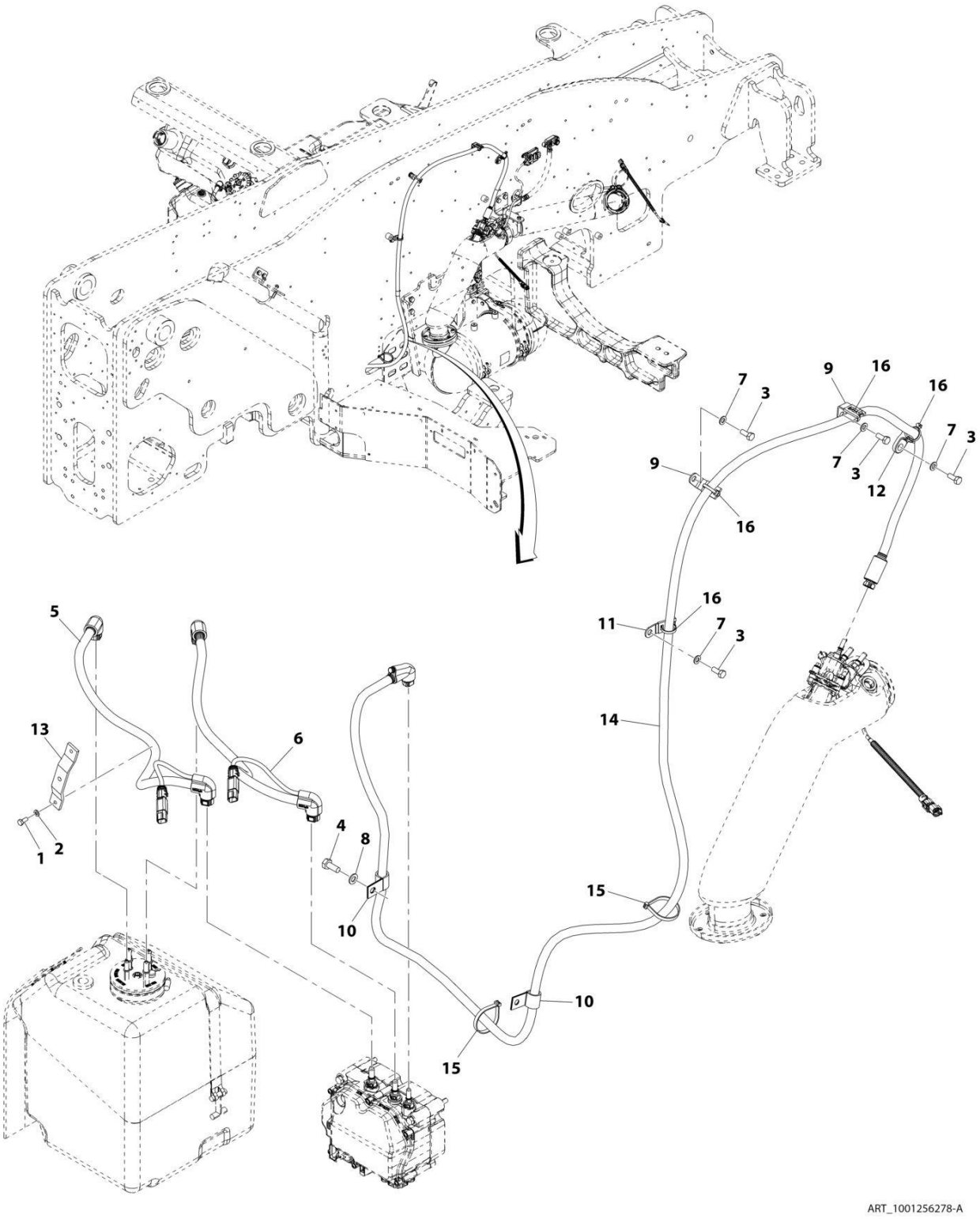
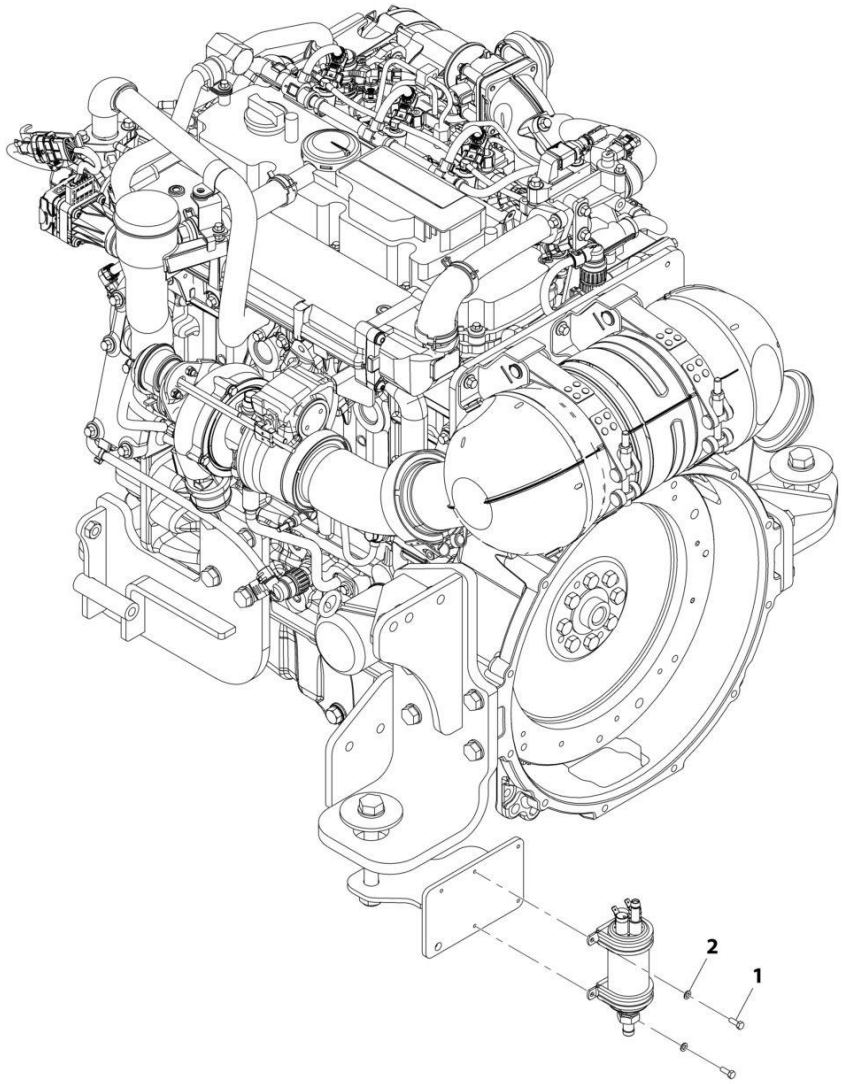


FIGURE 4-40. DEF LINES INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256278	Ref	DEF LINES INSTALLATION (ULS)	A
1	0760607	2	Bolt M6 x 14	
2	4831700	2	Washer, Lock M6	
3	0760810	4	Bolt M8 x 20	
4	0761012	1	Bolt M10 x 25	
5	1001239879	1	Hose, Heated (DEF)	
6	1001239878	1	Hose, Heated (DEF)	
7	4811900	4	Washer M8	
8	4812000	1	Washer M10	
9	1001003305	2	Clip	
10	1001008574	2	Clip	
11	1001008593	1	Clip	
12	1001169146	1	Mount	
13	1001180328	1	Bracket	
14	1001207486	1	Hose, Heated (DEF)	
15	1062255	2	Strap, Tie	
16	471678	4	Strap, Tie	

FIGURE 4-41. REMOTE FUEL PUMP INSTALLATION (74.4KW)



ART_1001165789-G

FIGURE 4-41. REMOTE FUEL PUMP INSTALLATION (74.4KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165789	Ref	Remote Fuel Pump Installation (74.4KW)	G
1	0760507	4	Bolt, M5X14	
2	4811600	4	Washer, M5	

FIGURE 4-42. HYDRAULIC PUMP INSTALLATION (90KW)

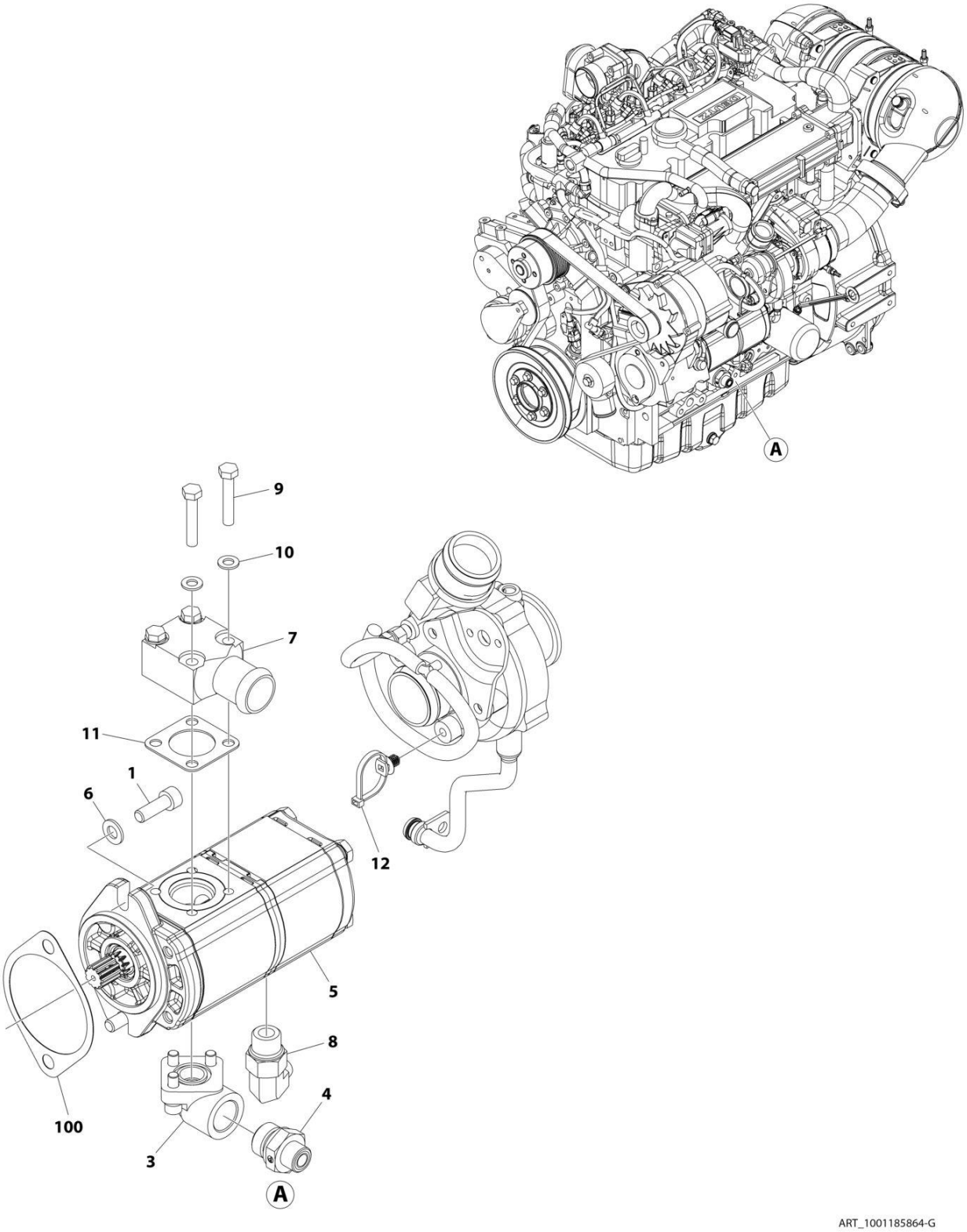


FIGURE 4-42. HYDRAULIC PUMP INSTALLATION (90KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185864	Ref	Hydraulic Pump Installation (90KW)	G
1	4032010	2	Bolt, M10X30	
3	1001135245	1	Elbow, Adapter	
4	1001192411	1	Fitting, Straight ORFS	
5	1001182935	1	Pump	
6	4812000	2	Washer, M10	
7	1001202643	1	Fitting	
8	2130610	1	Fitting, 90 ORFS	
9	0700817	4	Bolt, M8X45	
10	4811900	4	Washer, M8	
11	1001203012	1	Seal	
12	1001146588	1	Strap	
100	70024965	1	Gasket, Fan Pump (Supplied with Engine)	

FIGURE 4-43. HEATER LINES INSTALLATION

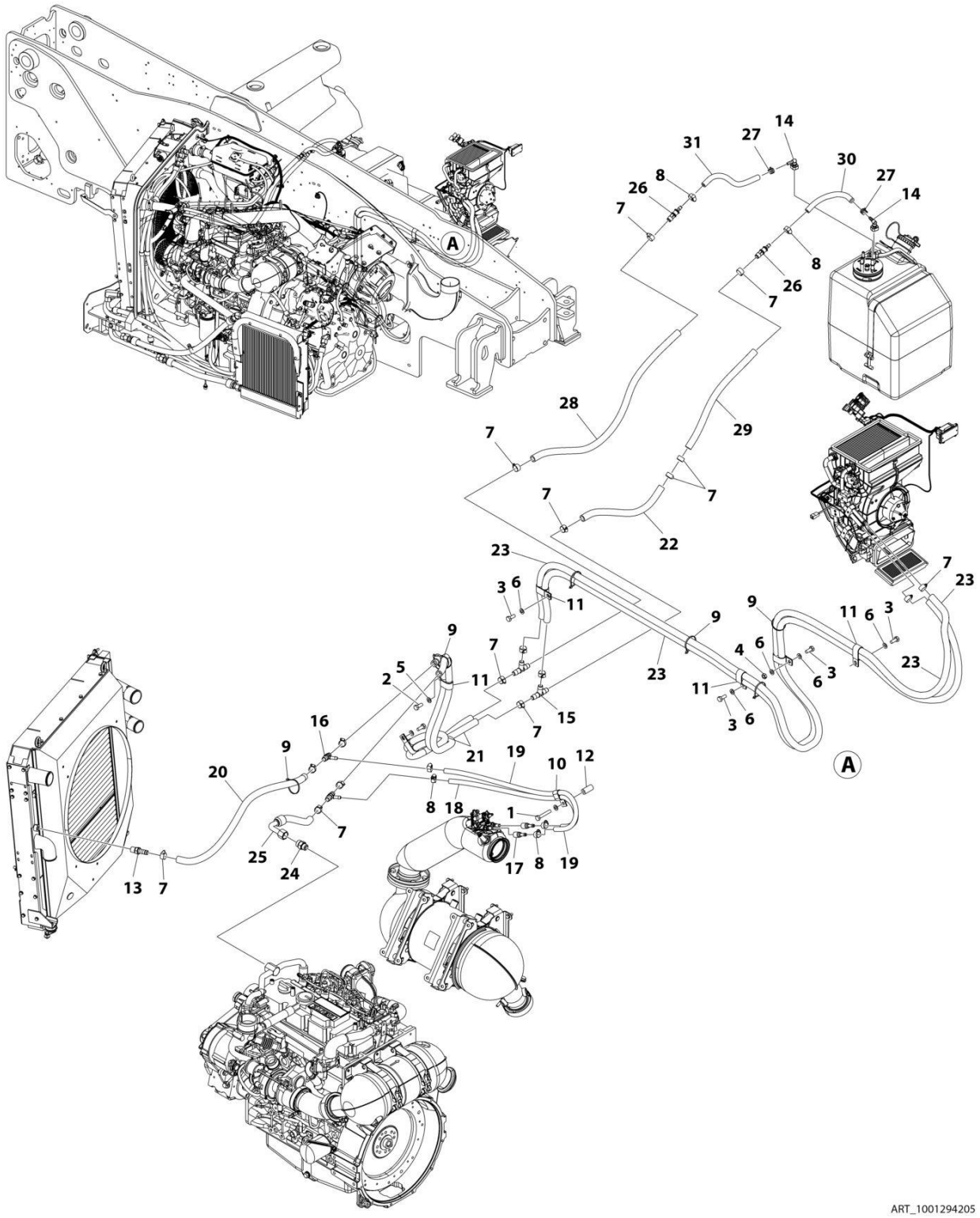


FIGURE 4-43. HEATER LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001294205	Ref	HEATER LINES INSTALLATION	A
1	0701020	1	Bolt M10 x 60	
2	0760812	1	Bolt M8 x 25	
3	0761012	5	Bolt M10 x 25	
4	3291001	1	Nut M10	
5	4811900	1	Washer M8	
6	4812000	7	Washer M10	
7	8410009	17	Clamp	
8	8410013	6	Clamp	
9	1001008559	8	Tie- Strap	
10	1001008573	1	Clip	
11	1001008720	6	Clip	
12	1001092122	1	Spacer	
13	1001104685	1	Fitting, Barbed	
14	1001155823	2	Coupling,90 Connect	
15	1001183125	2	Fitting, Tee	
16	1001183149	2	Fitting, Tee	
17	1001183357	2	Fitting, Straight	
18	1001202473	1	Hose	
19	1001202474	1	Hose	
20	1001202476	1	Hose	
21	1001202477	2	Hose	
22	1001202478	1	Hose	
23	1001202480	2	Hose	
24	1001202921	1	Fitting, Straight ORFS	
25	1001212956	1	Hose	
26	1001238470	2	Adapter	
27	1001254357	2	Clamp	
28	1001256381	1	Hose	
29	1001256382	1	Hose	
30	1001256383	1	Hose	
31	1001256384	1	Hose	

FIGURE 4-44. HEATER LINES INSTALLATION

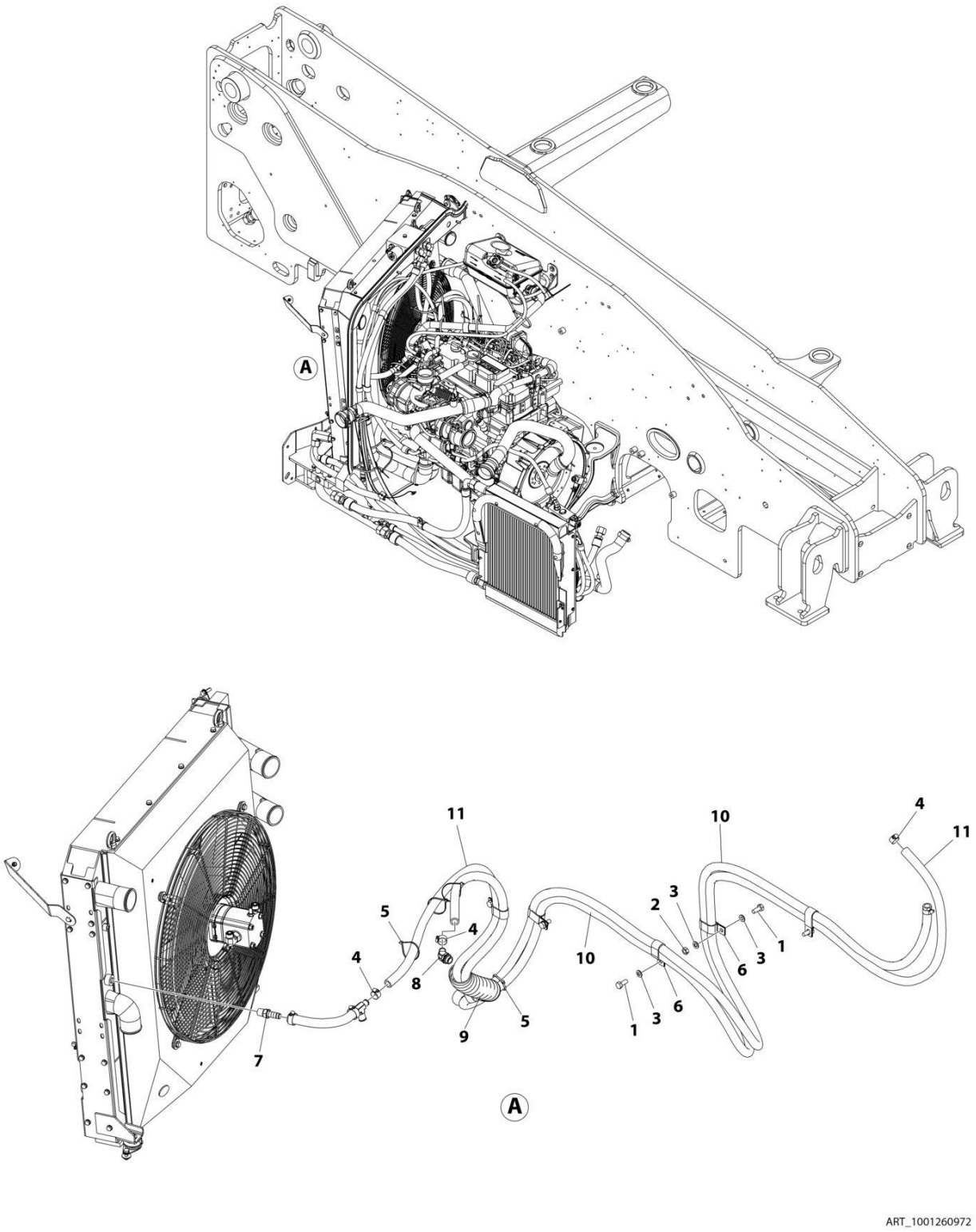


FIGURE 4-44. HEATER LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260972	Ref	HEATER LINES INSTALLATION	A
1	0761012	6	Bolt M10 x 25	
2	3291001	1	Nut M10	
3	4812000	7	Washer M10	
4	8410009	4	Clamp	
5	1001008559	4	Strap, Tie	
6	1001008720	6	Clip-Loop	
7	1001104685	1	Fitting, Straight Barbed/NPTF	
8	1001203005	1	Fitting, 45 Barbed	
9	1001268889	1	Sleeve, Hose Wrap	
10	1001284544	1	Hose	
11	1001284581	1	Hose	

FIGURE 4-45. HEATER LINES WITH HEATER INSTALLATION

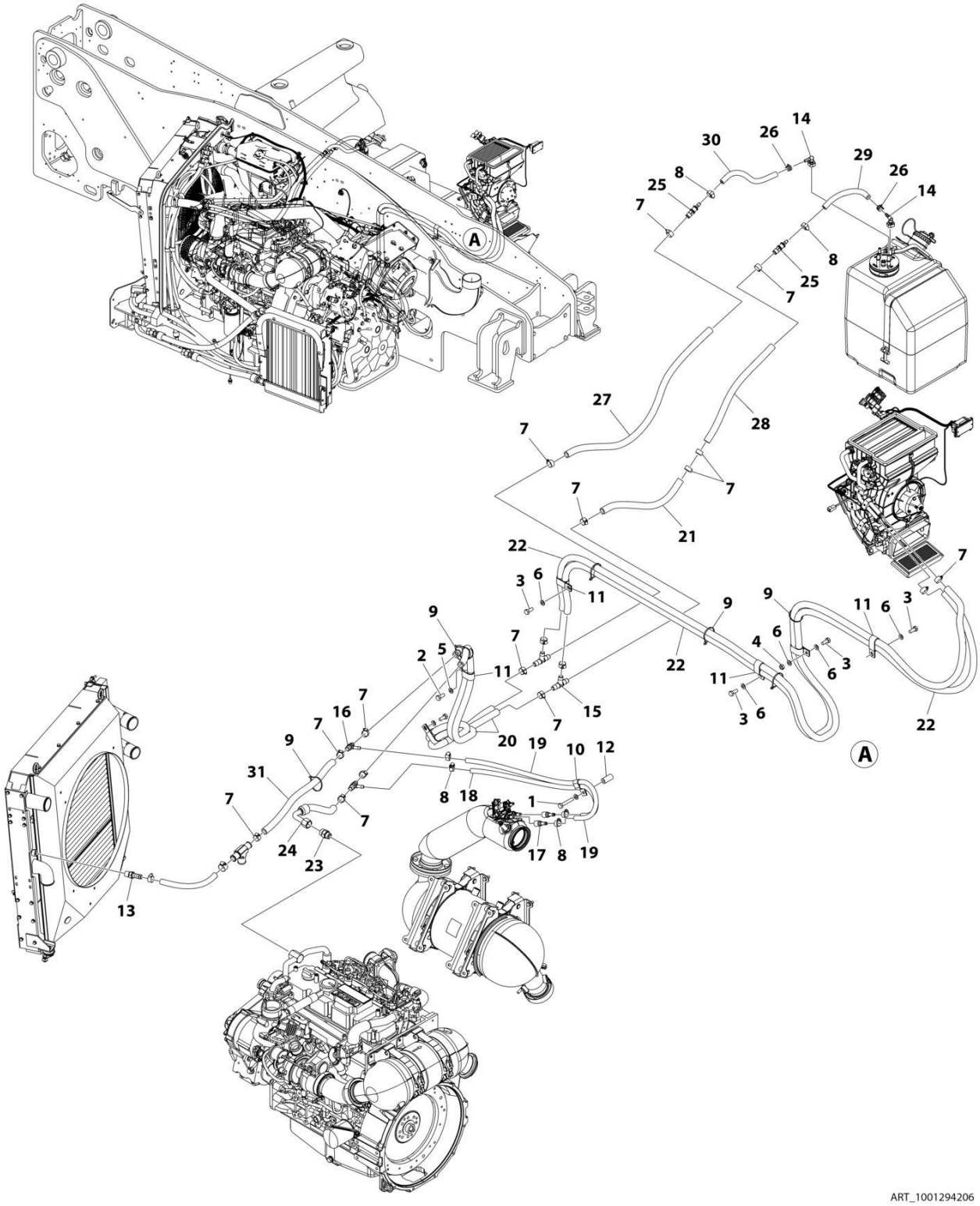


FIGURE 4-45. HEATER LINES WITH HEATER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001294206	Ref	HEATER LINES WITH HEATER INSTALLATION	A
1	0701020	1	Bolt M10 x 60	
2	0760812	1	Bolt M8 x 25	
3	0761012	5	Bolt M10 x 25	
4	3291001	1	Nut M10	
5	4811900	1	Washer M8	
6	4812000	7	Washer M10	
7	8410009	17	Clamp	
8	8410013	6	Clamp	
9	1001008559	8	Strap	
10	1001008573	1	Clip	
11	1001008720	6	Clip	
12	1001092122	1	Spacer	
13	1001104685	1	Fitting, Barbed	
14	1001155823	2	Coupling, 90 Connect	
15	1001183125	2	Fitting, Tee	
16	1001183149	2	Fitting, Tee	
17	1001183357	2	Fitting, Straight	
18	1001202473	1	Hose	
19	1001202474	1	Hose	
20	1001202477	2	Hose	
21	1001202478	1	Hose	
22	1001202480	2	Hose	
23	1001202921	1	Fitting, Straight ORFS	
24	1001212956	1	Hose	
25	1001238470	2	Adapter	
26	1001254357	2	Clamp	
27	1001256381	1	Hose	
28	1001256382	1	Hose	
29	1001256383	1	Hose	
30	1001256384	1	Hose	
31	1001260974	1	Hose	

FIGURE 4-46. BLOCK HEATER INSTALLATION (120V - LS)

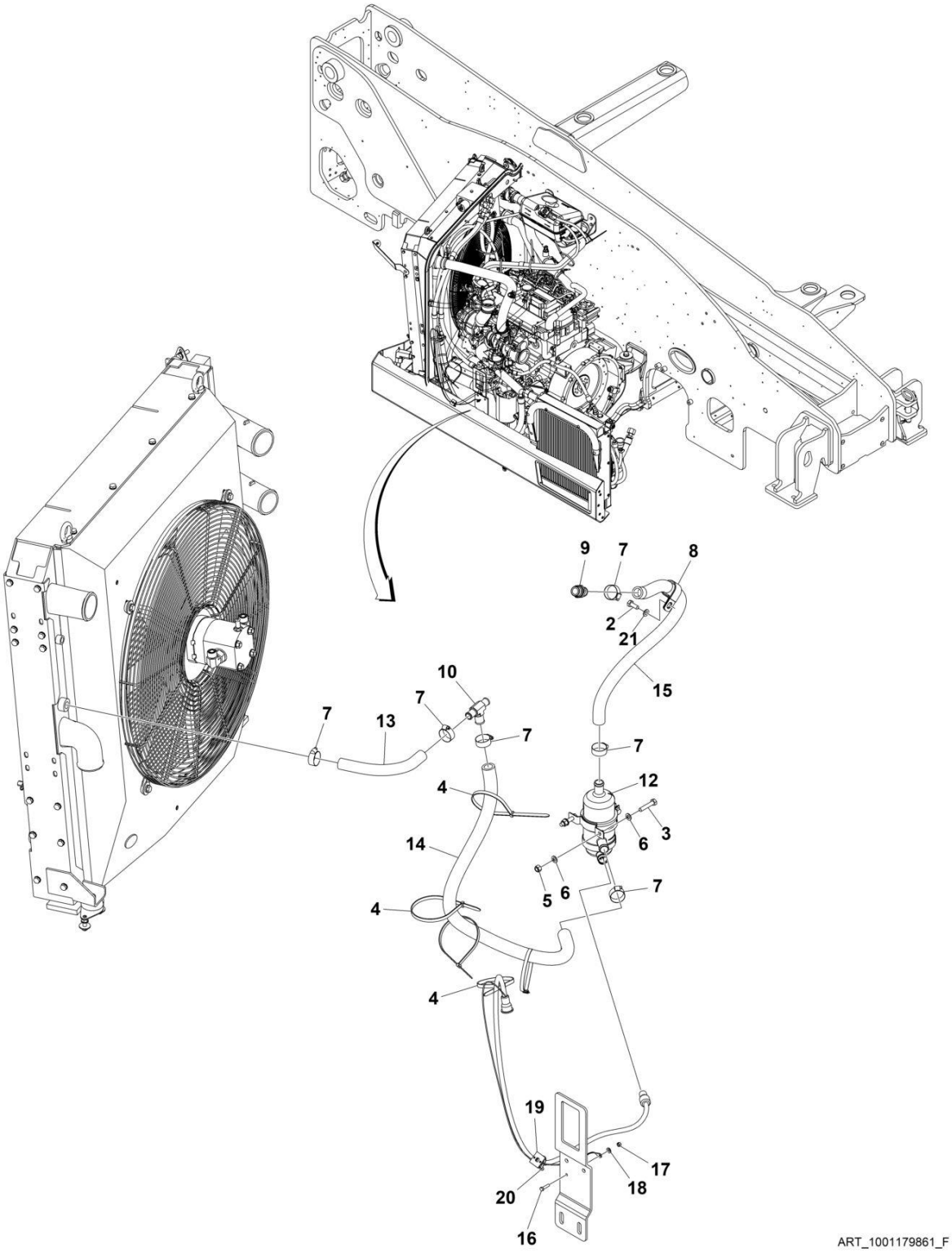


FIGURE 4-46. BLOCK HEATER INSTALLATION (120V - LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179861	Ref	BLOCK HEATER INSTALLATION (120V)	F
2	0761010	1	Bolt M10 x 20	
3	0760816	2	Bolt M8 x 40	
4	1062255	5	Strap, Tie	
5	3290805	2	Nut Lock M8 x 1.25 Grade 8	
6	4811900	4	Washer M8	
7	8405007	6	Clamp	
8	8406302	1	Clamp	
9	1001167408	1	Adapter, Hose	
10	1001167773	1	Fitting, Tee	
12	1001179910	1	Block Heater (120V) (See Separate Breakdown in this Section)	
13	1001204302	1	Hose	
14	1001204301	1	Hose	
15	1001204373	1	Hose	
16	0700510	1	Bolt M5 x 20	
17	3290505	1	Nut M5	
18	4811700	1	Washer M6	
19	4460234	1	Mount, Cable Tie	
20	1001008559	1	Strap, Tie	
21	4812000	1	Washer M10	

FIGURE 4-47. HEATER LINES INSTALLATION (LS)

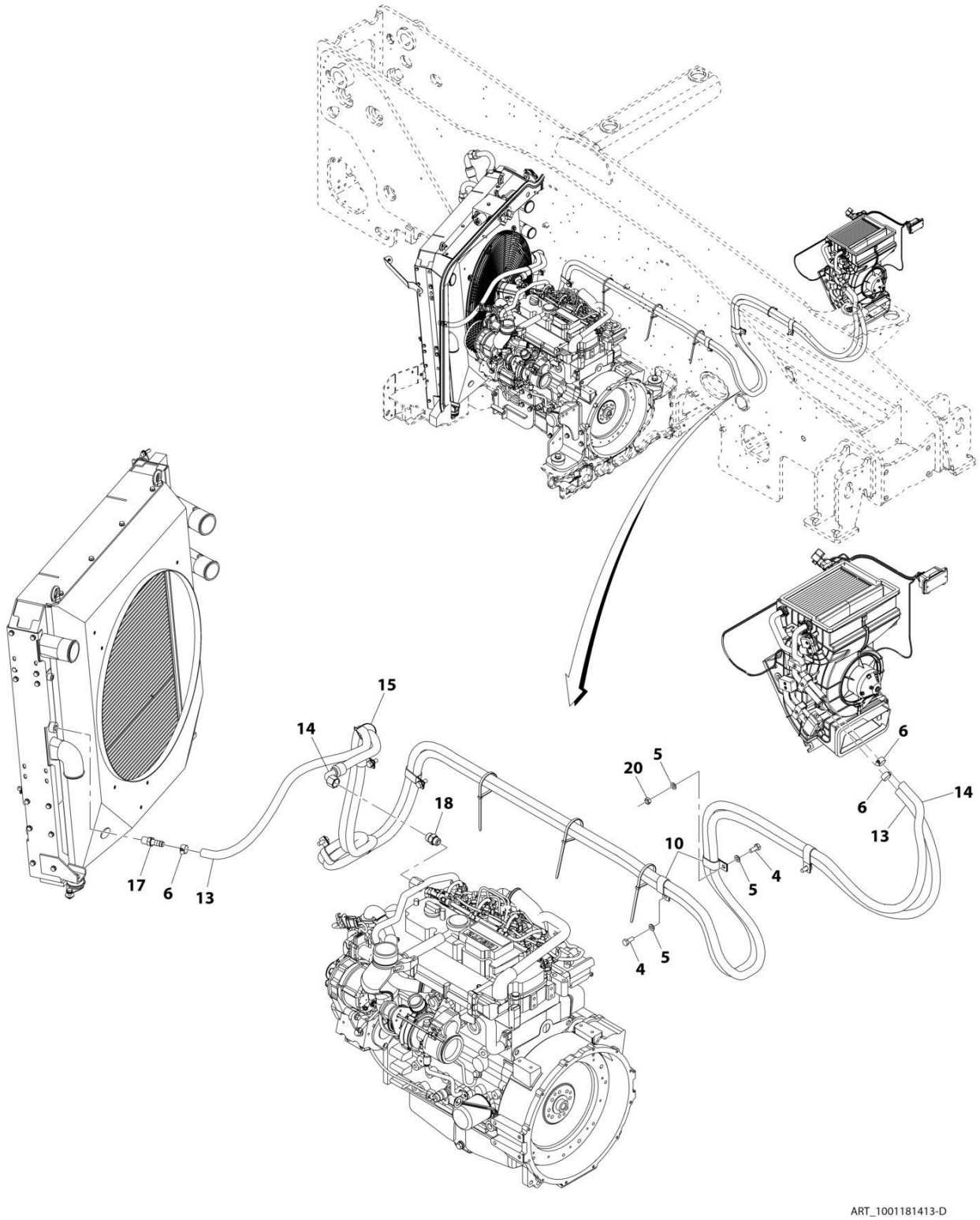


FIGURE 4-47. HEATER LINES INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181413	Ref	Heater Lines Installation (LS)	E
4	0761012	6	Bolt, M10X25	
5	4812000	7	Washer, M10	
6	8410009	4	Clamp	
10	1001008720	6	Clip	
13	1001201296	1	Hose	
13	1001284581	1	Hose	
14	1001202772	1	Hose	
14	1001284544	1	Hose	
15	1001008559	2	Strap	
17	1001104685	1	Fitting, Barbed	
18	1001202921	1	Fitting, Straight ORFS	
18	2221257	1	Fitting, Straight ORFS	
18	1001203005	1	Fitting, 45	
20	3291001	1	Nut, M10X1.5	
21	1001268889	1	Sleeve, Hose Wrap	

FIGURE 4-48. BLOCK HEATER (LS)

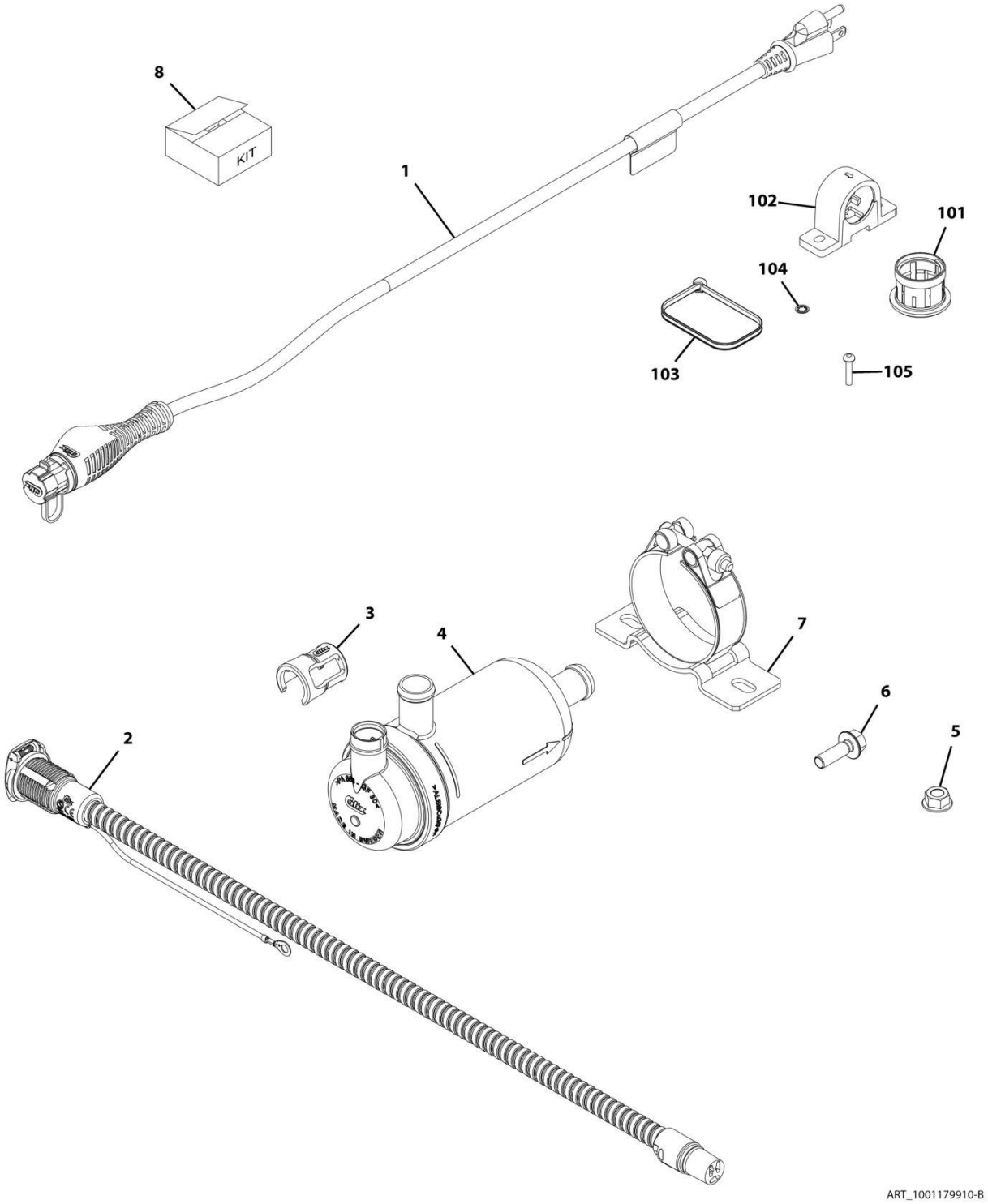


FIGURE 4-48. BLOCK HEATER (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179910	Ref	Block Heater (LS)	B
1	70026725	1	Cable, Supply	
2	70026726	1	Cable, Inlet	
3	70026720	1	Clip, Safety	
4	70026721	1	Heater	
5	70026722	2	Nut, Flange M8X8	
6	70026723	2	Screw, Flange M8X25	
7	70026724	1	Clamp	
8	70026719	1	Kit, MK Assembly	
101	Kit	1	Expander	
102	Kit	1	Clamp	
103	Kit	5	Wrap, Tie	
104	Kit	2	Washer, Lock	
105	Kit	3	Screw	

FIGURE 4-49. A/C PUMP INSTALLATION

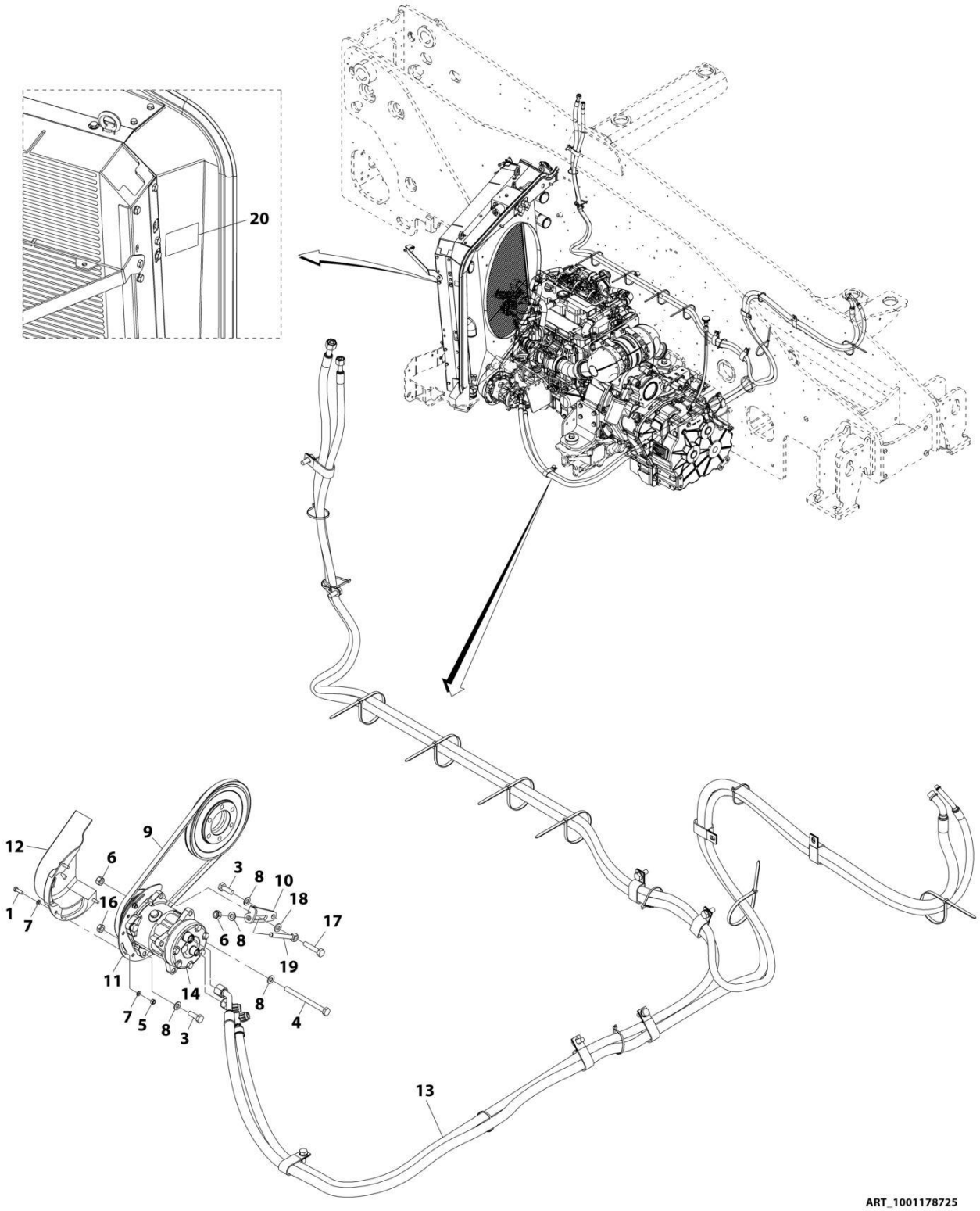


FIGURE 4-49. A/C PUMP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178725	Ref	A/C Pump Installation	F
1	0700610	3	Bolt, M6X20	
3	0701014	3	Bolt, M10X30	
4	0701030	1	Bolt, M10X130	
5	3290605	3	Nut, Lock M6X1 Grade 8	
6	3291005	2	Nut, Lock M10X1.5 Grade 8	
7	4811700	6	Washer, M6	
8	4812000	5	Washer, M10	
9	1001167356	1	Belt, Drive A/C	
10	1001188855	1	Plate	
11	1001193735	1	Support	
12	1001171000	1	Cover	
13	1001178749	Ref	Installation, A/C Lines (See Separate Breakdown in this Section)	
14	1001119220	1	Compressor	
16	3291001	2	Nut, M10X1.5 Grade 8	
17	0701018	1	Bolt, M10X50	
18	5241000	1	Washer, M10	
19	1001188856	1	Rod	
20	1001227090	1	Decal	

FIGURE 4-50. A/C LINES INSTALLATION

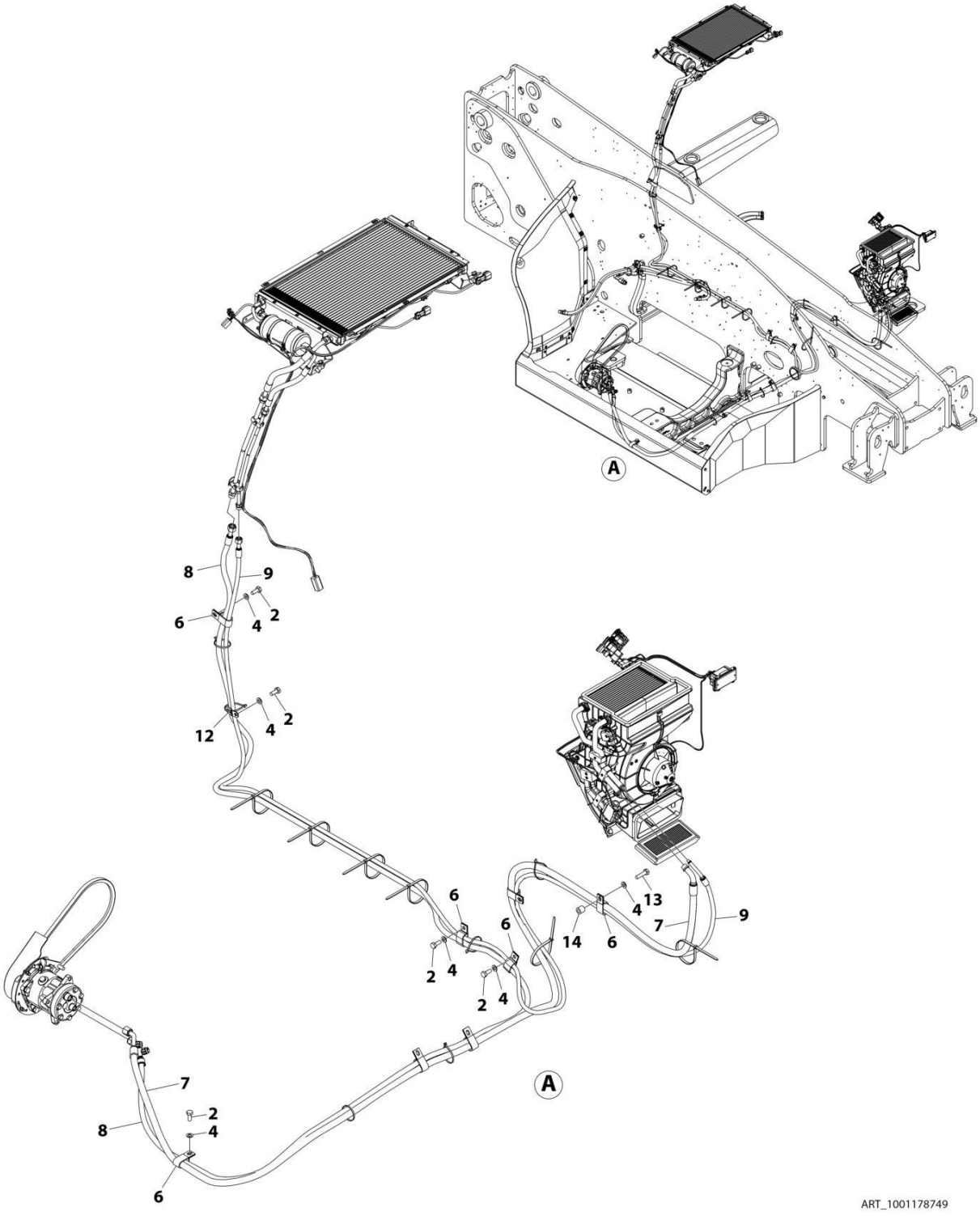


FIGURE 4-50. A/C LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178749	Ref	A/C LINES INSTALLATION	G
2	0761012	5	Bolt M10 x 25	
4	4812000	6	Washer M10	
6	1001026104	8	Clip	
7	1001203825	1	Hose	
8	1001180593	1	Hose	
9	1001203826	1	Hose	
10	1001008559	AR	Tie-Strap 365MM (Not Shown)	
11	1062255	AR	Tie-Strap 170MM (Not Shown)	
12	1001008593	1	Clip	
13	0701016	1	Bolt M10 x 40	
14	1001095401	1	Spacer	

SECTION 5 - DRIVE TRAIN

FIGURE 5-1. DRIVETRAIN INSTALLATION

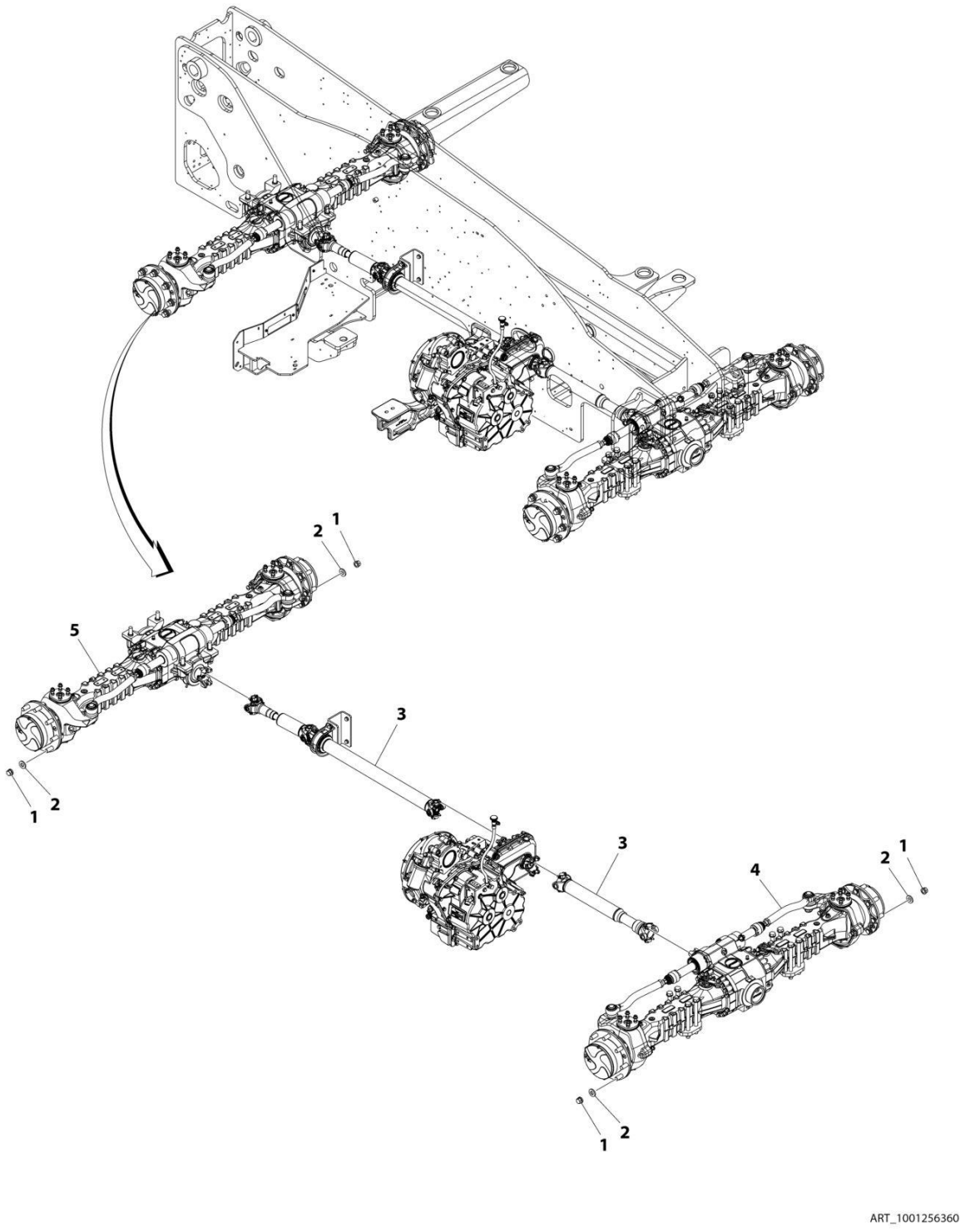


FIGURE 5-1. DRIVETRAIN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256360	Ref	DRIVETRAIN INSTALLATION	D
1	3300479	32	Nut M22 (Without Free-Spinning Flange)	
1	91403193	32	Nut M22 Grade 8 (With Free-Spinning Flange)	
2	1001114802	32	Washer M22	
3	1001177638	1	Installation, Drive Shaft (See Separate Breakdown in this Section)	
4	1001256366	1	Installation, Front Axle (No Hydraulic Park Brake) (See Separate Breakdown in this Section)	
5	1001256367	1	Installation, Rear Axle (See Separate Breakdown in this Section)	

FIGURE 5-2. FRONT AXLE INSTALLATION

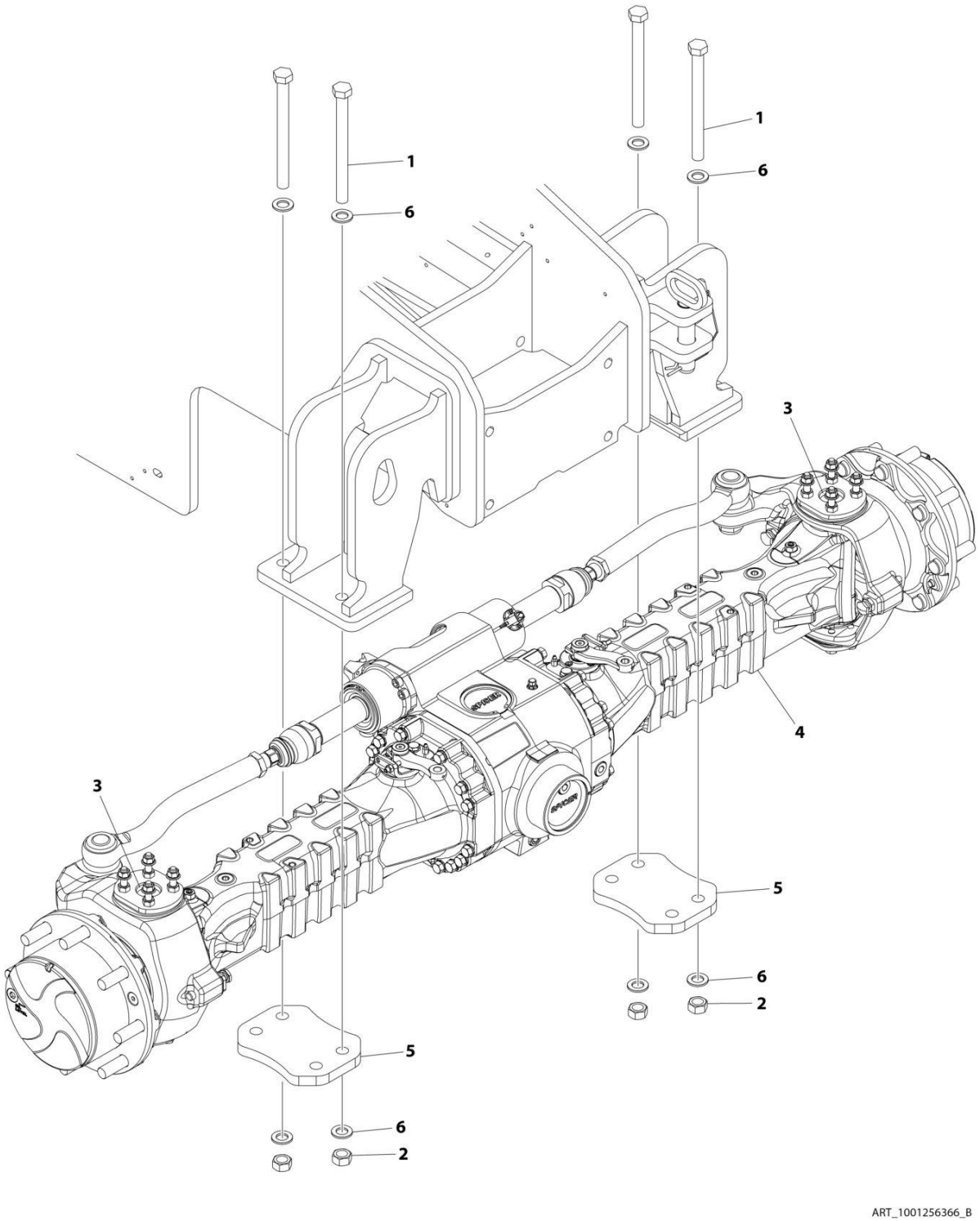
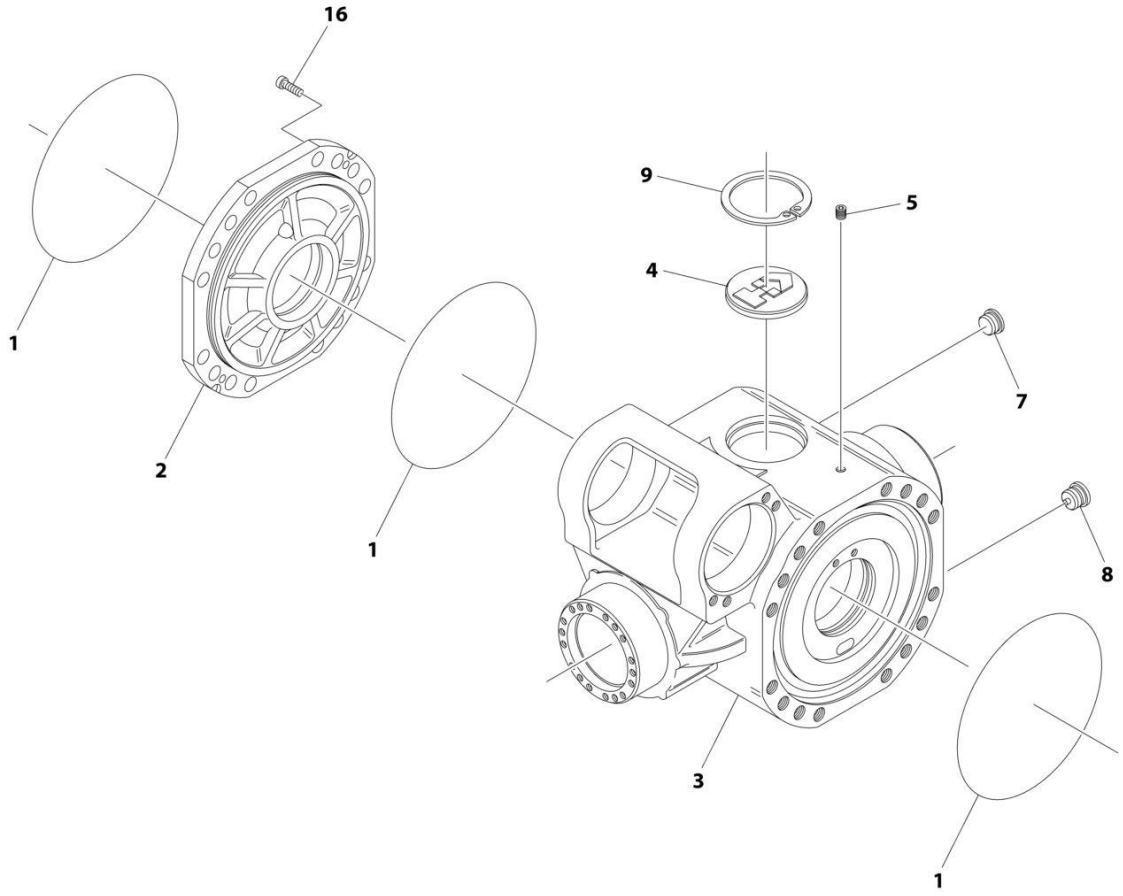
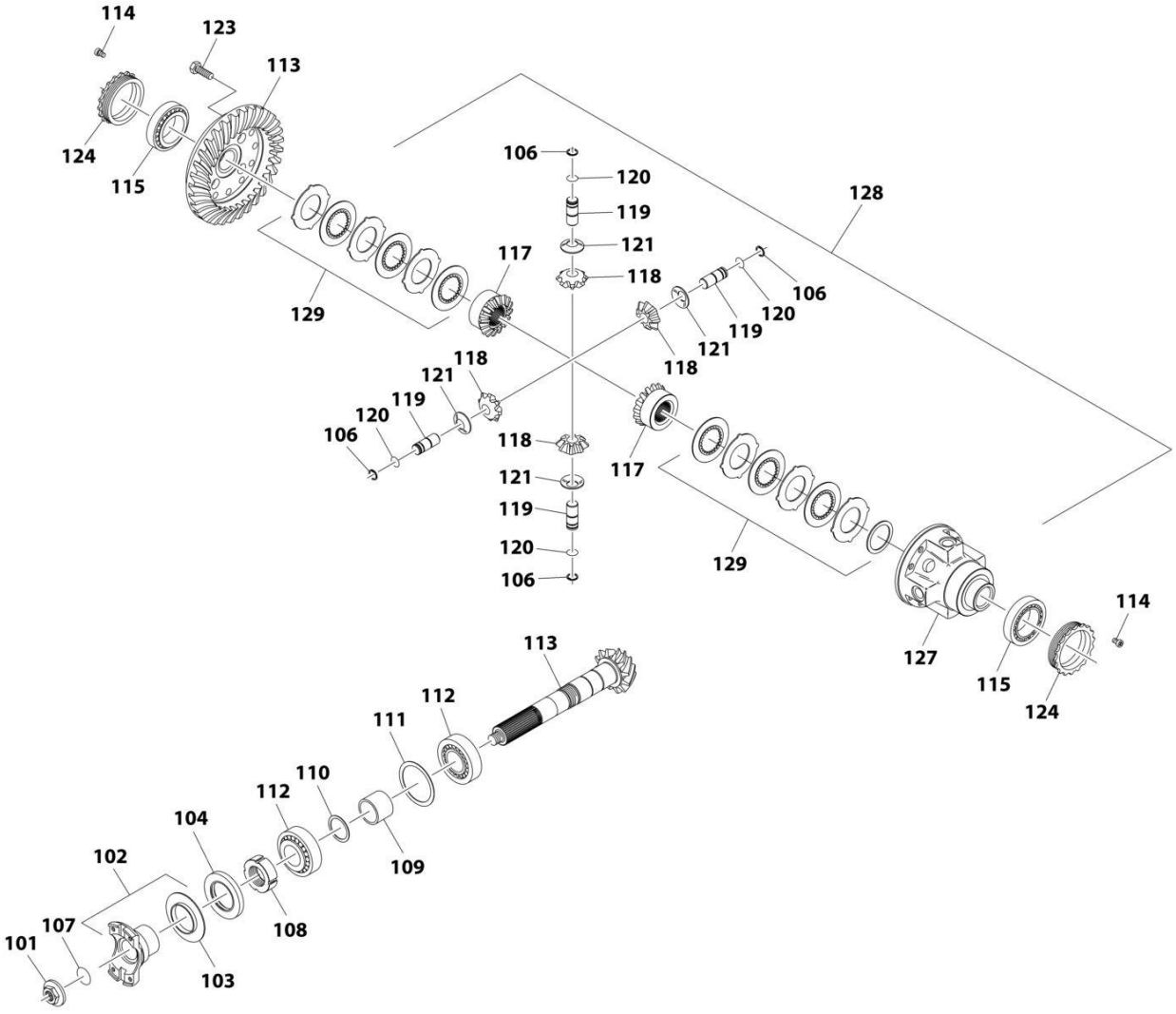


FIGURE 5-2. FRONT AXLE INSTALLATION

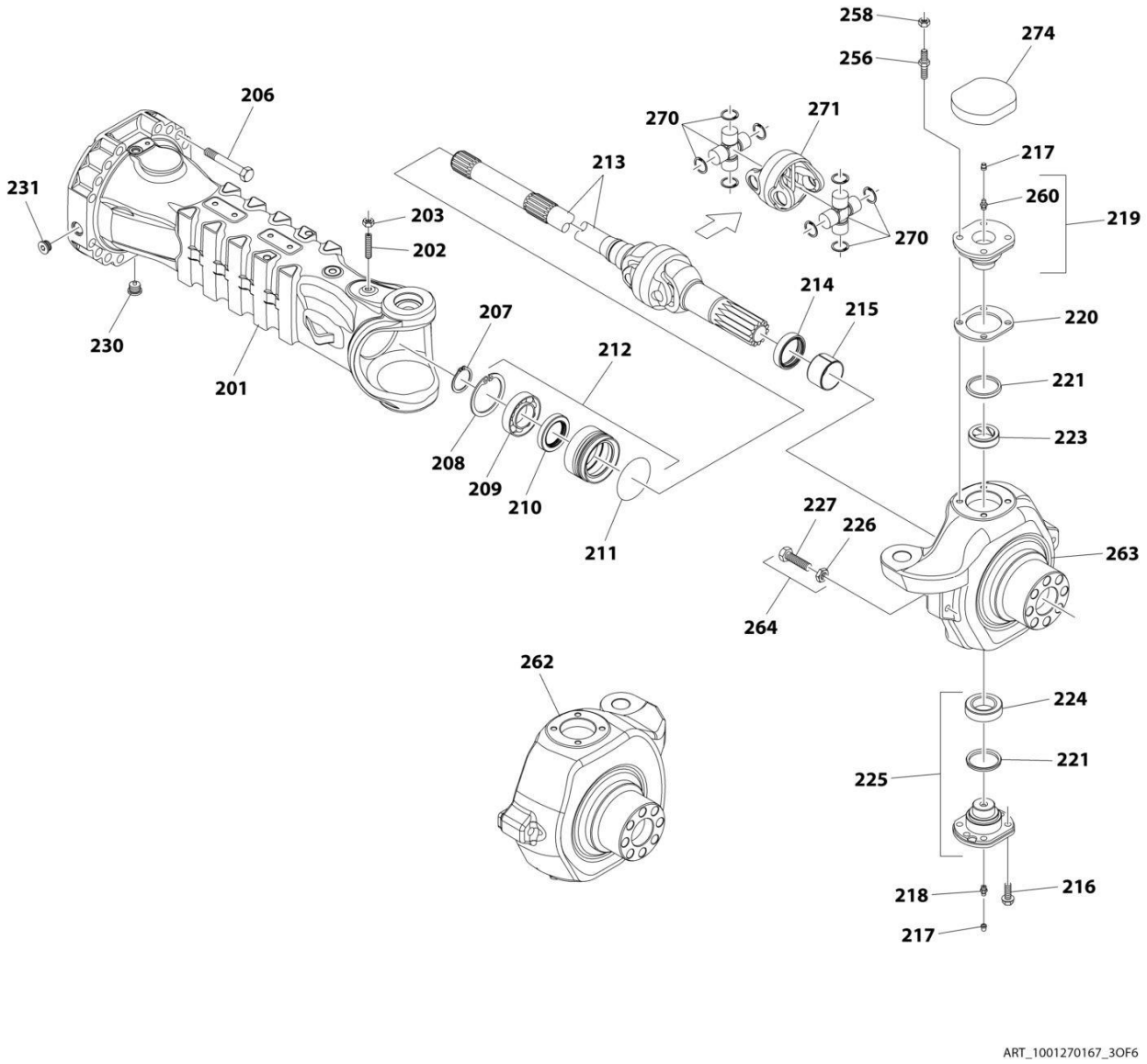
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256366	Ref	FRONT AXLE INSTALLATION (NO HYDRAULIC PARK BRAKE)	B
1	0712040	8	Bolt M20 x 230, Grade 10.9	
2	3332011	8	Nut M20 x 2.5	
3	1001008462	AR	Grease	
4	1001270167	1	Installation, Front Axle (No Hydraulic Park Brake) (See Separate Breakdown in this Section)	
5	1001190542	2	Plate	
6	1001197130	16	Washer	

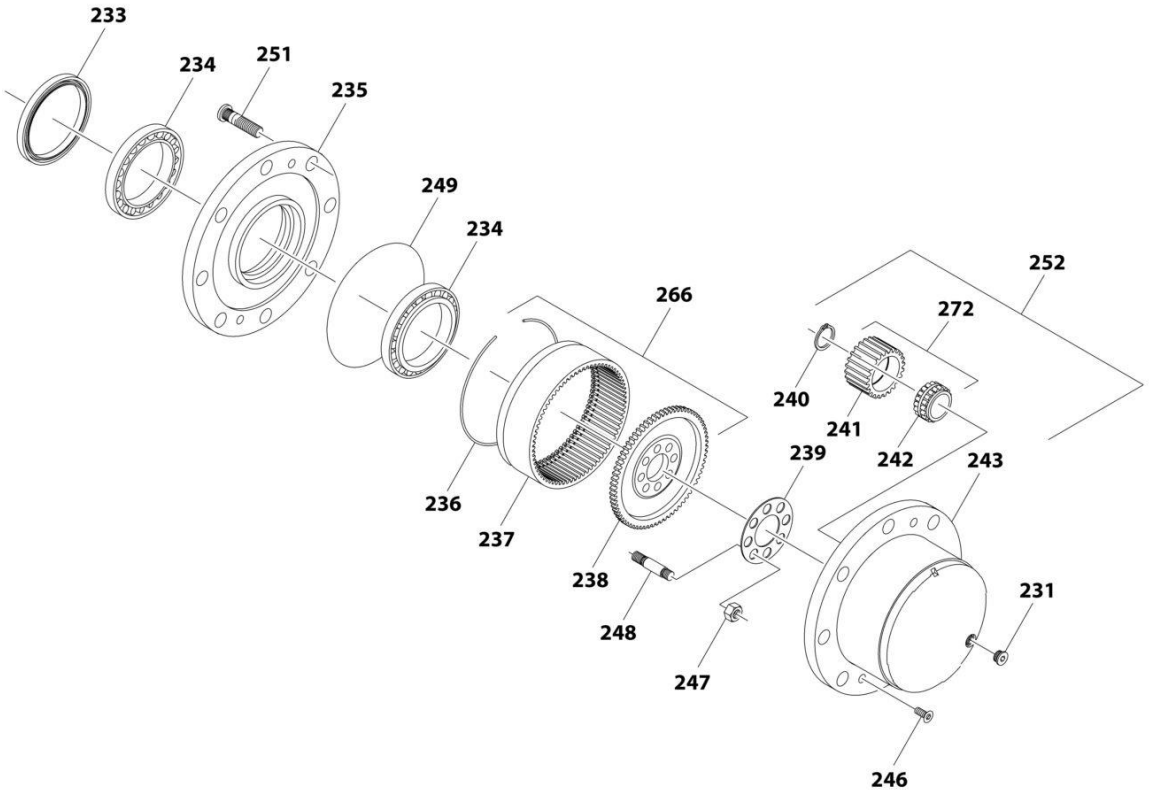
FIGURE 5-3. FRONT AXLE ASSEMBLY



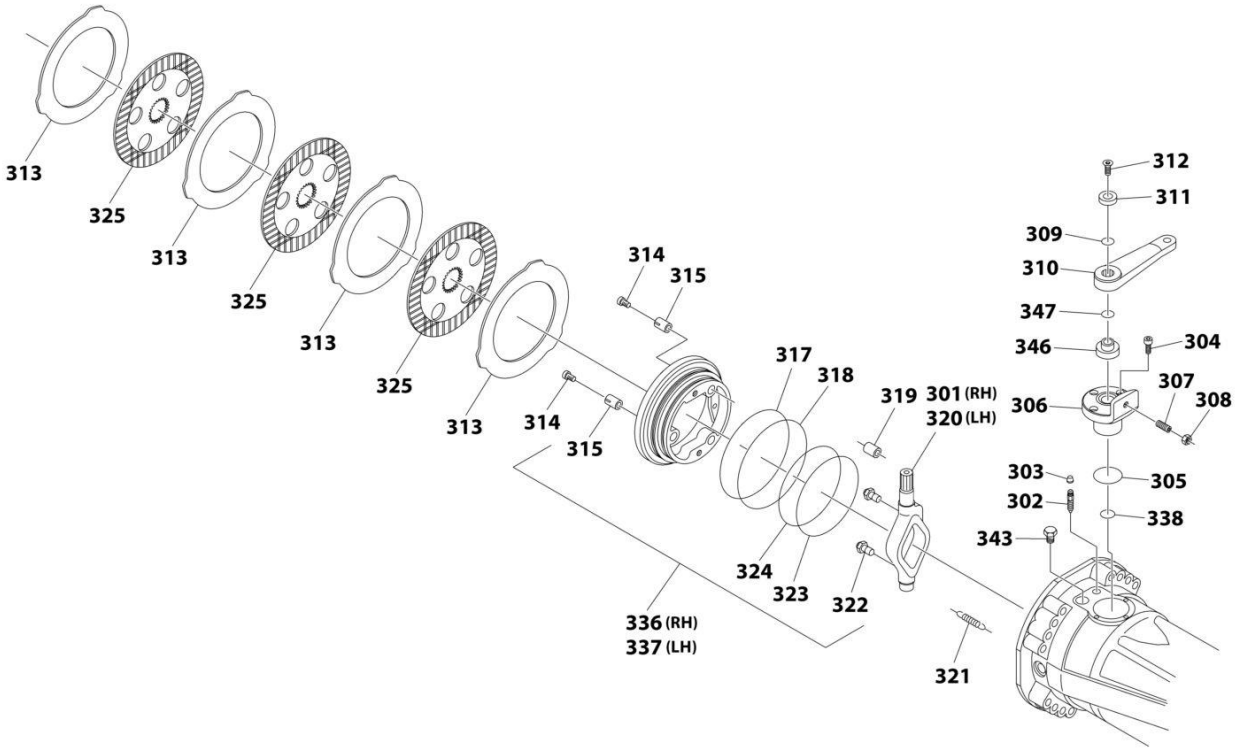


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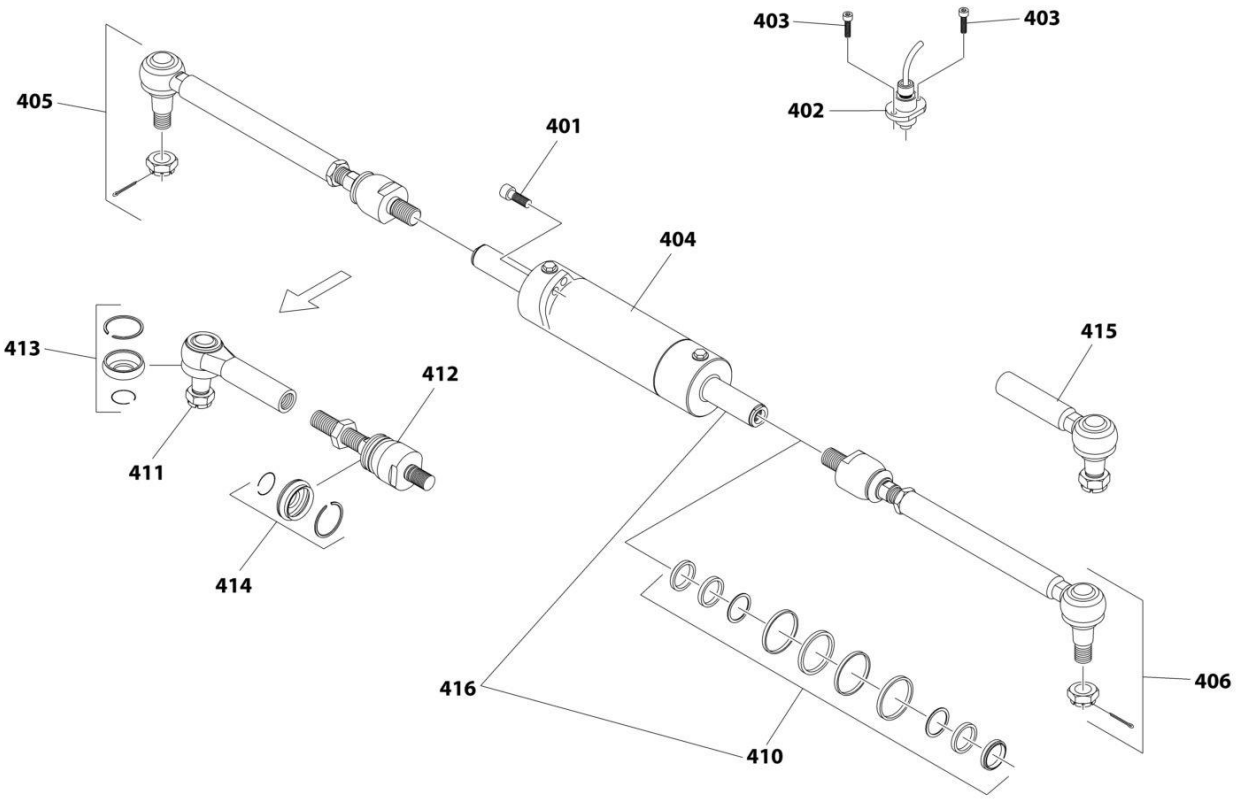

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FIGURE 5-3. FRONT AXLE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001270167	Ref	AXLE ASSEMBLY	B
		Ref	Central Housing Assembly	
1	91474507	3	O-Ring	
2	70027107	1	Cover	
3	70026749	1	Housing	
4	91514098	1	Plug	
5	91474512	1	Plug	
7	91514188	1	Plug	
8	7028706	1	Plug	
9	80204005	1	Circlip	
16	91474591	4	Bolt	
		Ref	Differential Assembly	
101	70026631	1	Nut	
102	7029427	1	Flange	
103	91474531	1	Cover	
104	70024522	1	Seal	
106	91474550	4	Circlip	
107	91474529	1	O-Ring	
108	91474533	1	Ring Nut	
109	91474539	1	Spacer	
110	70025556	1	Shim Kit	
111	70025555	1	Shim Kit	
112	3968141	2	Bearing	
113	8007749	1	Gear Set	
114	91514134	2	Bolt	
115	70028471	2	Bearing	
117	91474549	2	Gear, Side	
118	91474554	4	Gear, Pinion	
119	7029131	4	Pin	
120	91474551	4	Circlip	
121	91474553	4	Washer	
123	70025562	12	Bolt	
124	91474547	2	Ring Nut	
127	91474555	1	Carrier	
128	70028940	1	Differential Sub-Assembly (Includes Items 106, 117-121, 127 & 129)	
129	8007755	2	Disc	
		Ref	Hub Reduction Assembly	
201	70028906	2	Case, Axle	
202	2400600	2	Bolt	
203	91514082	2	Nut	
206	7029428	28	Bolt	
207	80204071	2	Circlip	
208	80204005	2	Circlip	
209	91514146	2	Bearing	
210	91514147	2	Seal	
211	91514148	2	O-Ring	
212	70030992	2	Bushing Kit (Includes Bushing & Items 208-211)	
213	70029869	2	Joint, Universal	
214	8007771	2	Seal	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
215	8004468	2	Bushing	
216	70025562	12	Bolt	
217	80204117	4	Plug	
218	91514099	2	Grease Fitting	
219	70025567	2	Pivot (Includes Item 218)	
220	70028536	1	Shim Kit	
221	2401043	2	Seal	
223	70020173	2	Bushing	
224	2401258	2	Seal	
225	8006605	2	Pivot Kit (Includes Pivot and Items 221 & 224)	
226	80204065	4	Nut	
227	91514117	4	Bolt	
230	7028706	2	Plug	
231	91514188	4	Plug	
233	7029430	2	Seal	
234	70030251	4	Bearing	
235	70028537	2	Hub	
236	91474579	2	Circlip	
237	91474580	2	Ring Gear	
238	3983720	2	Support, Ring Gear	
239	3983731	2	Plate, Locking	
240	91474585	8	Circlip	
241	70028473	8	Gear, Planet	
242	70028474	8	Bearing	
243	70026821	2	Carrier, Planet Gear	
246	91514189	4	Bolt	
247	91474584	16	Nut	
248	70027315	16	Stud	
249	91474507	2	O-Ring	
251	70030365	16	Wheel Stud	
252	70026827	2	Planet Gear Carrier Kit (Includes Housing and Items 240-243)	
256	70025819	8	Stud	
258	70027320	8	Nut	
260	7028115	2	Grease Fitting	
262	70030274	1	Case, Steer (LH) (Includes Item 215)	
263	70030264	1	Case, Steer (RH) (Includes Item 215)	
264	70028733	4	Bolt Kit (Includes Items 226 & 227)	
266	7029432	2	Ring Gear Kit (Includes Items 236-238)	
270	70030933	2	Joint Cross	
271	70030994	1	Center, Joint	
272	70027114	8	Planet Gear Kit (Includes Items 241 & 242)	
274	70028392	2	Cover	
		Ref	Brake Assembly	
301	8007785	1	Lever (RH)	
302	2960243	2	Bolt, Bleeding	
303	80204117	2	Plug	
304	2401736	6	Bolt	
305	3986405	2	O-Ring	
306	70030250	2	Bushing	
307	8002798	2	Setscrew	
308	8008168	2	Nut	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
309	7028038	2	O-Ring	
310	70030248	2	Lever, Brake	
311	7028039	2	Washer	
312	8008169	2	Screw	
313	70025823	10	Disc, Intermediate Brake	
314	7029786	6	Bolt	
315	70027317	3	Spring	
317	70025821	1	O-Ring	
318	70025821	1	O-Ring	
319	70021613	2	Bolt	
320	8007786	1	Lever (LH)	
321	3984425	6	Spring	
322	2903197	2	Pusher	
323	70025822	1	O-Ring	
324	70025822	1	O-Ring	
325	91474568	8	Disc	
336	70027319	1	Piston Kit (RH) (Includes Piston and Items 315, 317, 318 & 322-324)	
337	70027318	1	Piston Kit (LH) (Includes Piston and Items 315, 317, 318 & 322-324)	
338	8007802	2	O-Ring	
343	91514154	2	Plug	
346	70030247	2	Bushing	
347	70030249	2	O-Ring	
		Ref	Steering Assembly	
401	91474522	4	Bolt	
402	70031002	1	Sensor	
403	8008175	2	Bolt	
404	70031000	1	Cylinder	
405	70026819	1	Tie Rod (RH)	
406	70026820	1	Tie Rod (LH)	
410	70031001	1	Seal Kit Less Rod (Includes Seals Only)	
411	70028907	1	Joint, 90 Degree (RH)	
412	70028476	2	Joint, Axial (1 Per Side)	
413	70028477	2	Rubber Boot & Locking Ring Kit (1 Per Side)	
414	70028468	2	Rubber Boot & Locking Ring Kit (1 Per Side)	
415	70028908	1	Joint, 90 Degree (LH)	
416	70031003	1	Seal & Rod Kit (Includes Seals & Rod)	

FIGURE 5-4. REAR AXLE INSTALLATION

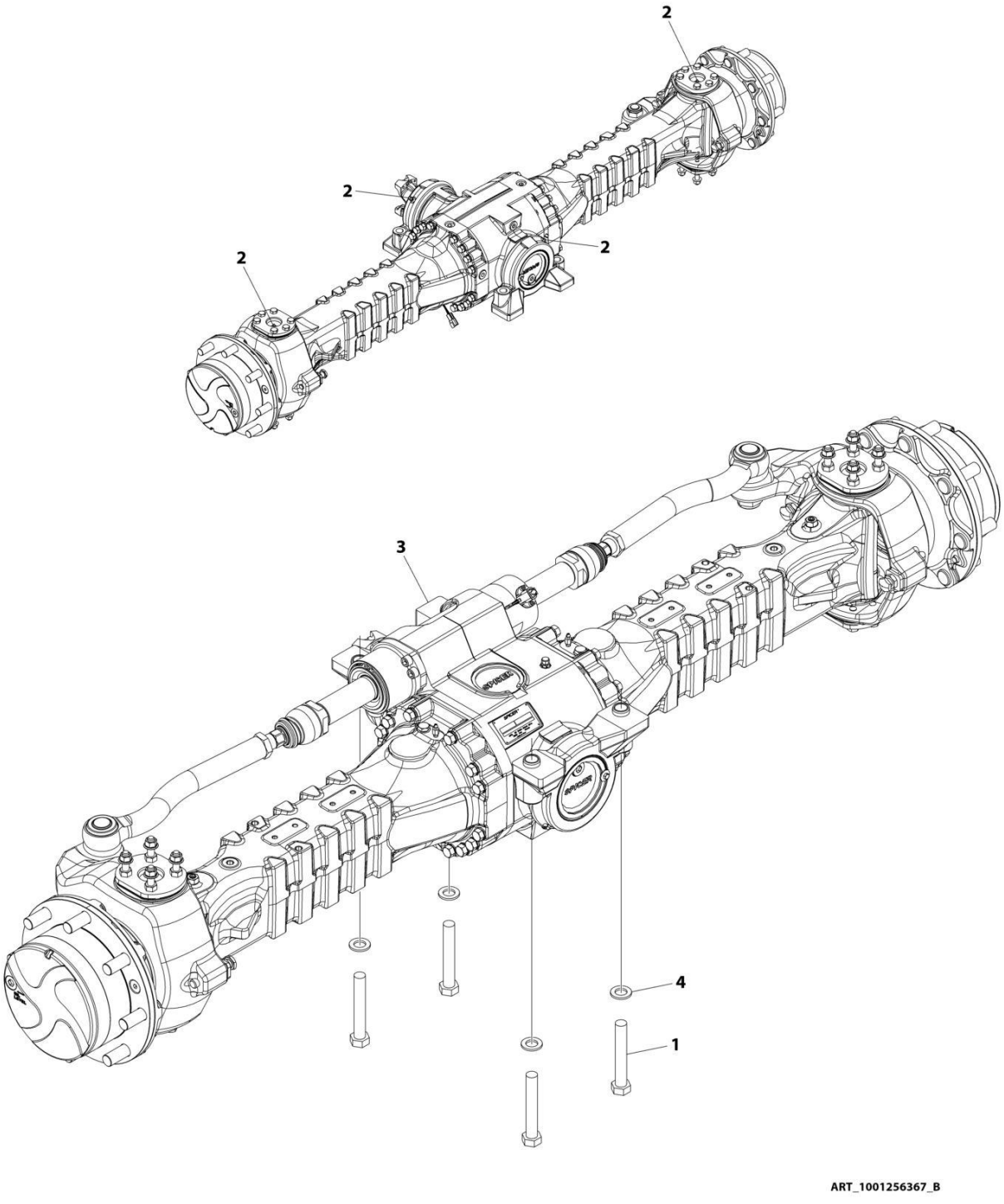
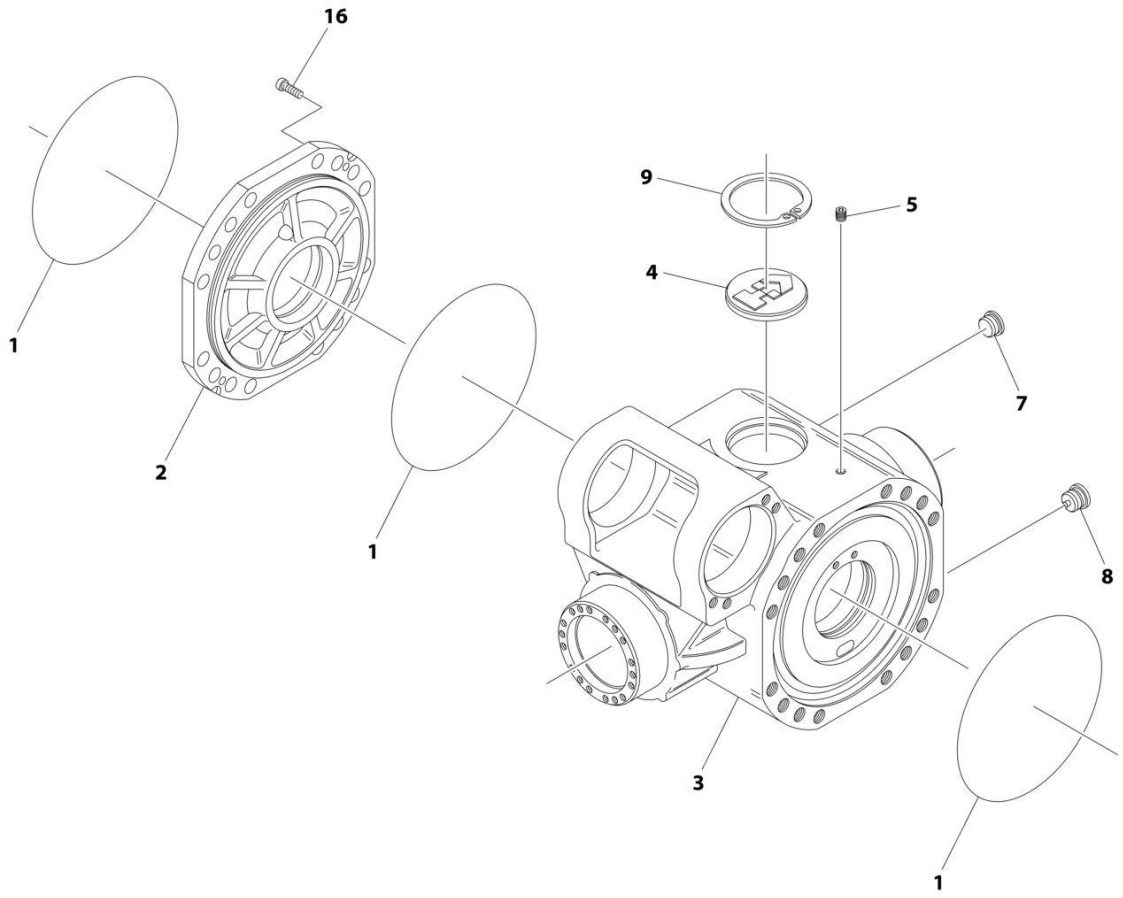
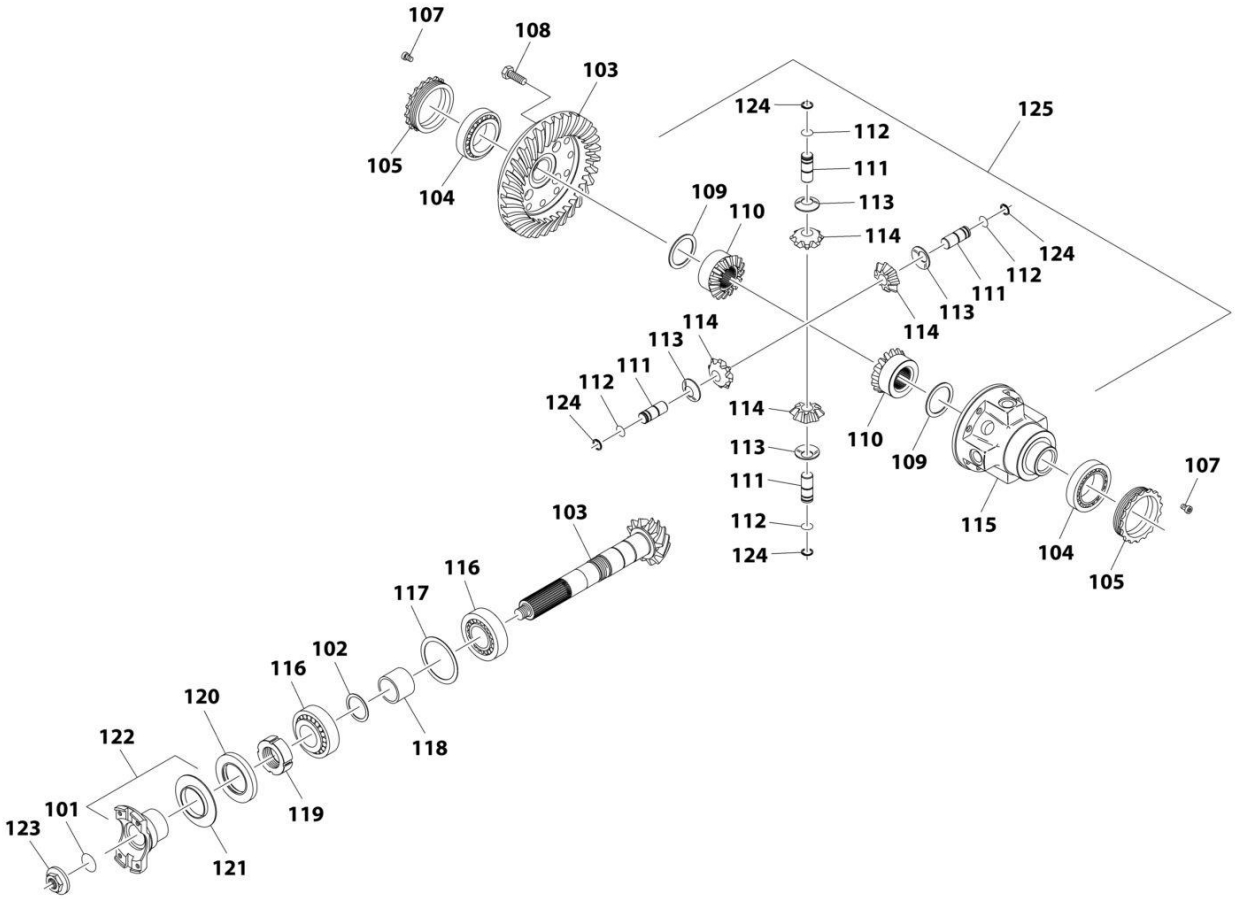


FIGURE 5-4. REAR AXLE INSTALLATION

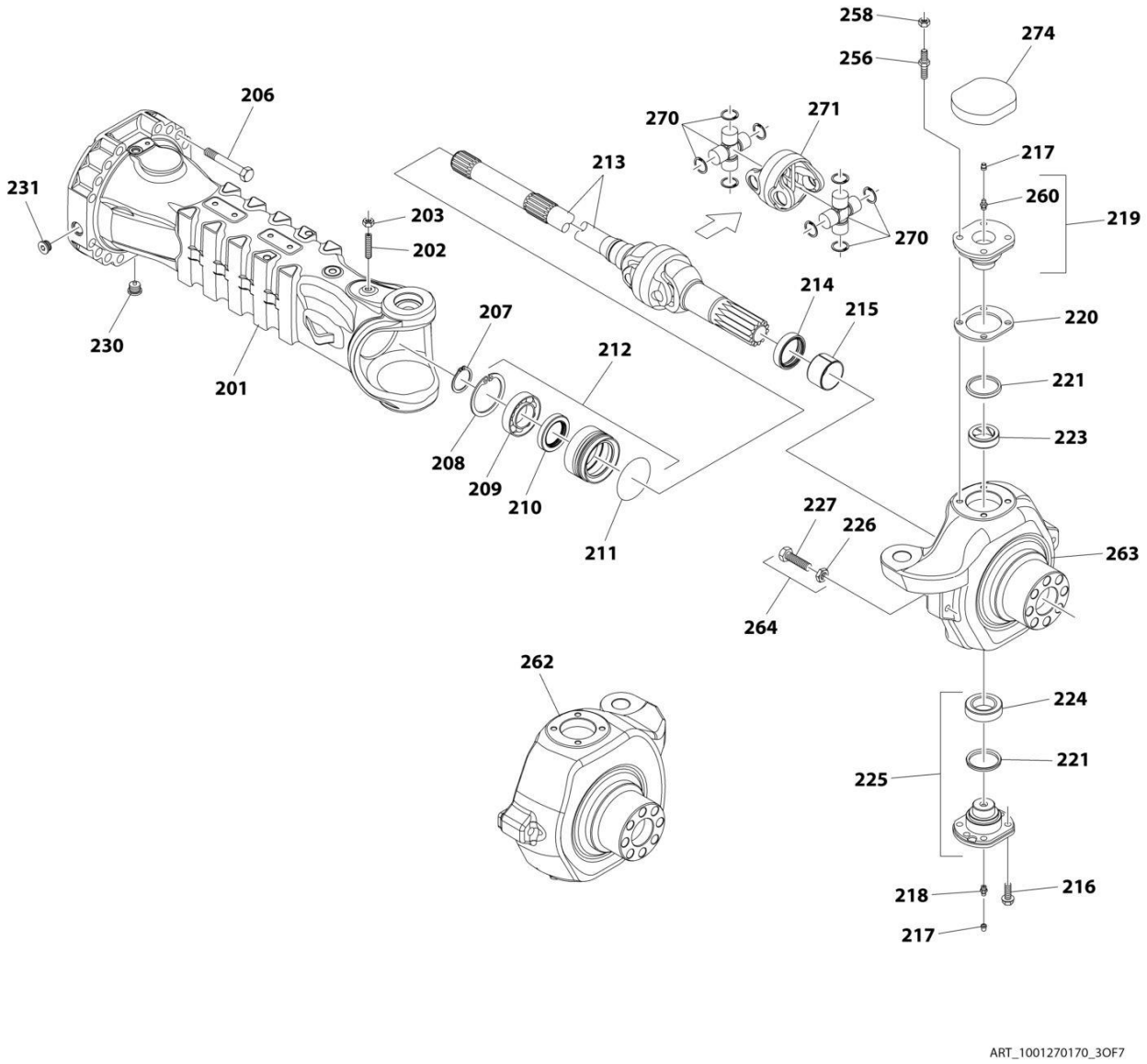
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256367	Ref	Rear Axle Installation	B
1	0712030	4	Bolt, M20X130 Grade 10.9	
2	1001008462	AR	Grease	
3	1001270170	1	Installation, Rear Axle (See Separate Breakdown in this Section)	
4	1001197130	4	Washer	

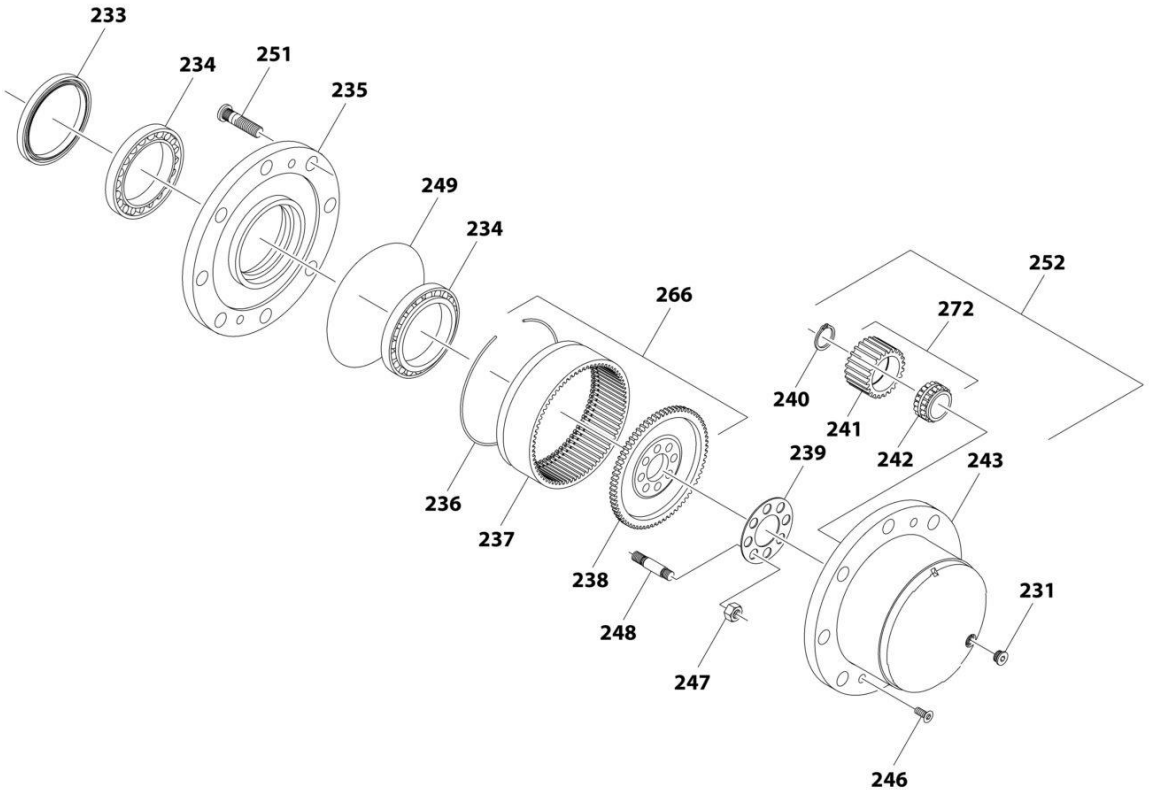
FIGURE 5-5. REAR AXLE ASSEMBLY



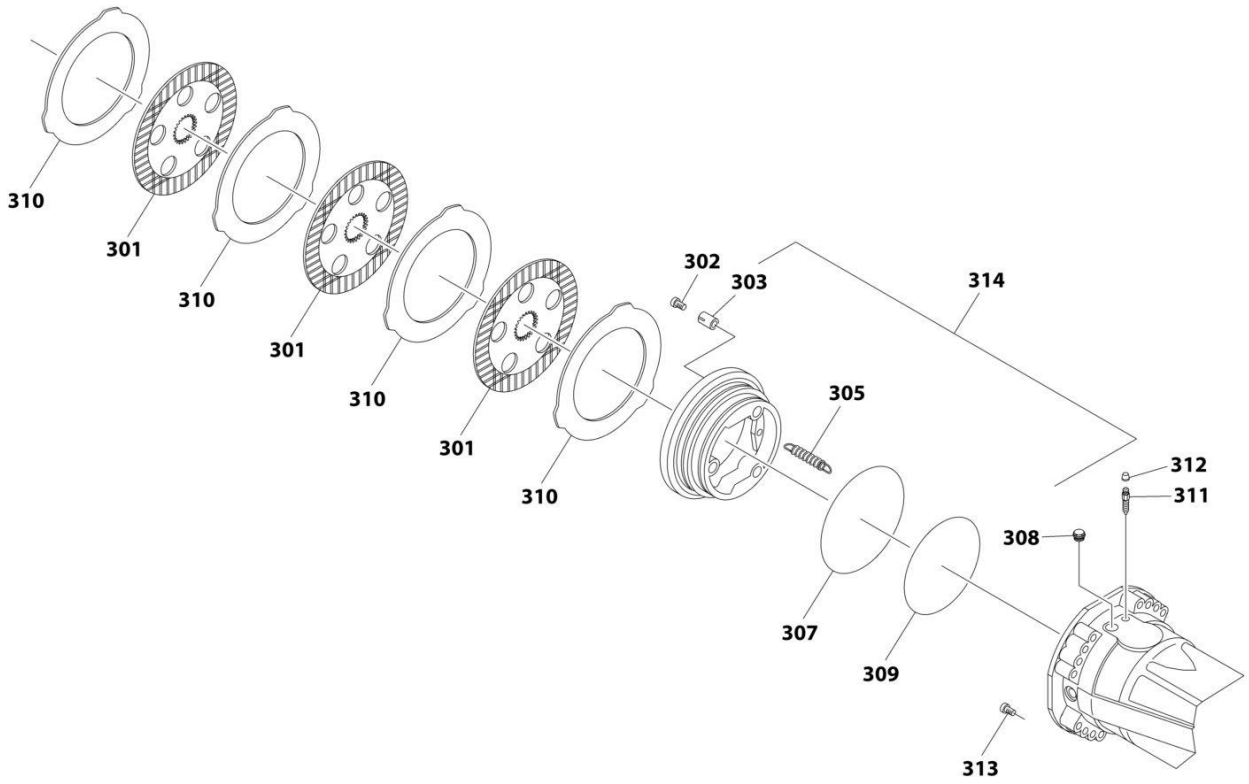


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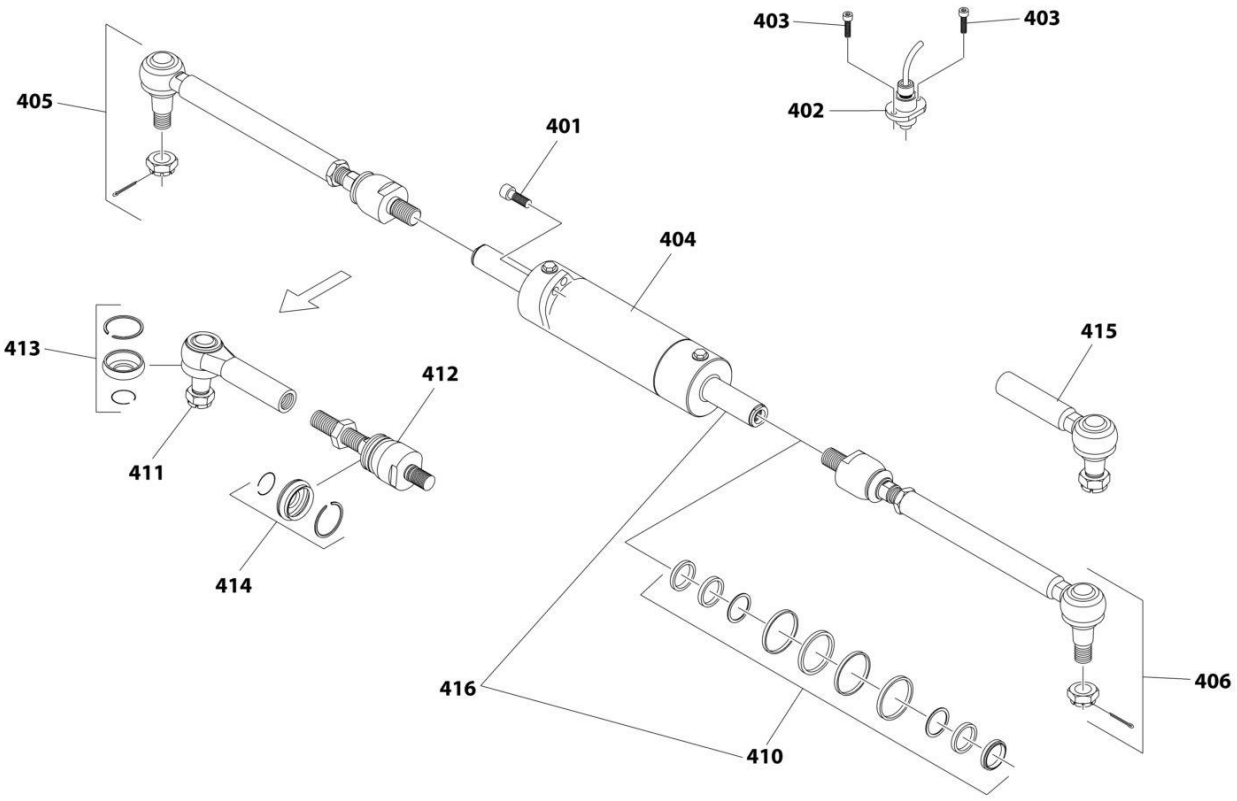

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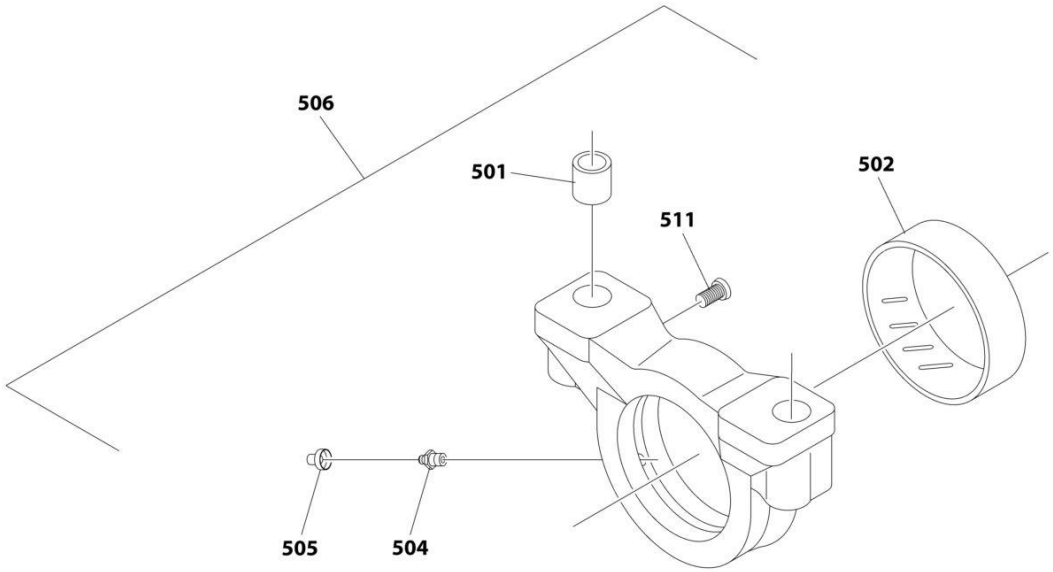


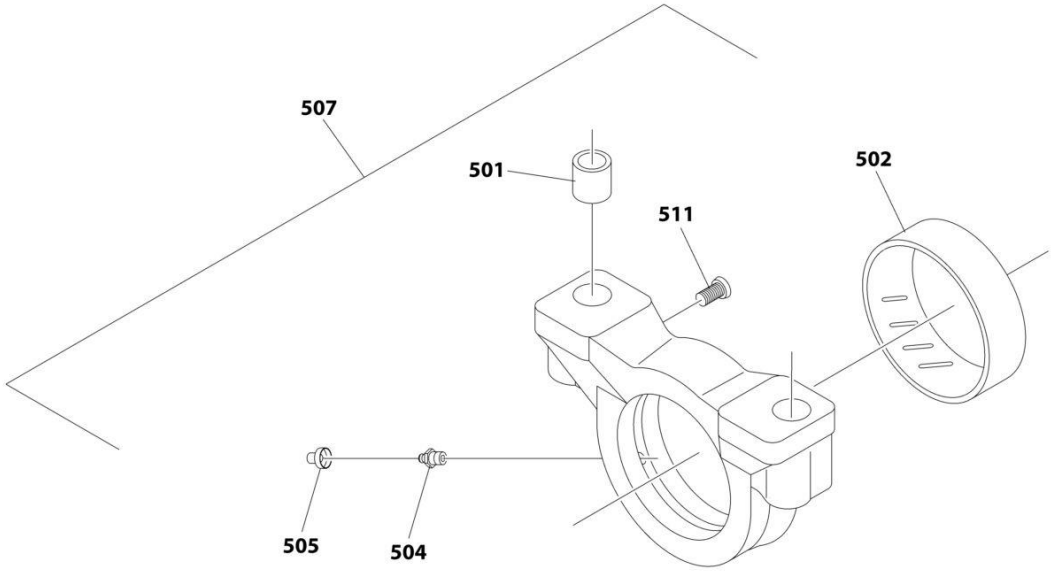
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ART_1001270170_7OF7

FIGURE 5-5. REAR AXLE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001270170	Ref	AXLE ASSEMBLY	C
		Ref	Central Housing Assembly	
1	91474507	3	O-Ring	
2	70027107	1	Cover	
3	70026749	1	Housing	
4	91514098	1	Plug	
5	91474512	1	Plug	
7	91514188	1	Plug	
8	7028706	1	Plug	
9	80204005	1	Circlip	
16	91474591	4	Bolt	
		Ref	Differential Assembly	
101	91474529	1	O-Ring	
102	70025556	1	Shim Kit	
103	7028043	1	Gear Set	
104	70028471	2	Bearing	
105	91474547	2	Ring Nut	
107	91514134	2	Bolt	
108	70025562	12	Bolt	
109	91474593	2	Washer	
110	70025569	2	Gear, Side	
111	7029131	4	Pin	
112	91474551	4	Circlip	
113	91474553	4	Washer	
114	70025570	4	Gear, Pinion	
115	91474595	1	Carrier	
116	3968141	2	Bearing	
117	70025555	1	Shim Kit	
118	91474539	1	Spacer	
119	91474533	1	Ring Nut	
120	70024522	1	Seal	
121	91474531	1	Cover	
122	7029427	1	Flange	
123	70026631	1	Nut	
124	91474550	4	Circlip	
125	70021140	1	Differential Sub-Assembly (Includes Items 109-115 & 124)	
		Ref	Hub Reduction Assembly	
201	70027108	2	Case, Axle	
202	2400600	2	Bolt	
203	91514082	2	Nut	
206	7029428	28	Bolt	
207	80204071	2	Circlip	
208	80204005	2	Circlip	
209	91514146	2	Bearing	
210	91514147	2	Seal	
211	91514148	2	O-Ring	
212	70030992	2	Bushing Kit (Includes Bushing & Items 208-211)	
213	70029869	2	Joint, Universal	
214	8007771	2	Seal	
215	8004468	2	Bushing	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
216	70025562	12	Bolt	
217	80204117	4	Plug	
218	70024881	2	Grease Fitting	
219	70025567	2	Pivot (Includes Item 218)	
220	70028536	1	Shim Kit	
221	2401043	2	Seal	
223	70020173	2	Bushing	
224	2401258	2	Seal	
225	8006605	2	Pivot Kit (Includes Pivot and Items 221 & 224)	
226	80204065	4	Nut	
227	7028733	4	Bolt	
230	7028706	2	Plug	
231	91514188	4	Plug	
233	7029430	2	Seal	
234	70030251	4	Bearing	
235	70028537	2	Hub	
236	91474579	2	Circlip	
237	91474580	2	Ring Gear	
238	3983720	2	Support, Ring Gear	
239	3983731	2	Plate, Locking	
240	91474585	8	Circlip	
241	70028473	8	Gear, Planet	
242	70028474	8	Bearing	
243	70026821	2	Carrier, Planet Gear	
246	91514189	4	Bolt	
247	91474584	16	Nut	
248	70027315	16	Stud	
249	91474507	2	O-Ring	
251	70030365	16	Wheel Stud	
252	70026827	2	Planet Gear Carrier Kit (Includes Housing and Items 240-243)	
256	70025819	8	Stud	
258	70027320	8	Nut	
260	7028115	2	Grease Fitting	
262	70030274	1	Case, Steer (LH) (Includes Item 215)	
263	70030264	1	Case, Steer (RH) (Includes Item 215)	
264	70028733	4	Bolt Kit (Includes Items 226 & 227)	
266	7029432	2	Ring Gear Kit (Includes Items 236-238)	
270	70030933	2	Joint Cross	
271	70030994	1	Center, Joint	
272	70027114	8	Planet Gear Kit (Includes Items 241 & 242)	
274	70028392	2	Cover	
		Ref	Brake Assembly	
301	91474568	6	Disc	
302	7029786	6	Bolt, Adjusting	
303	70027317	6	Spring	
305	3984425	6	Spring	
307	70025821	2	O-Ring	
308	91514154	2	Plug	
309	70025822	2	O-Ring	
310	70025823	8	Disc, Intermediate Brake	
311	2960243	2	Bolt, Bleeding	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
312	80204117	2	Plug	
313	70021613	2	Bolt	
314	70027316	2	Brakes Piston Kit (Includes Items 303-305, 307 & 309)	
		Ref	Steering Assembly	
401	91474522	4	Bolt	
402	70031002	1	Sensor	
403	8008175	2	Bolt	
404	70031000	1	Cylinder	
405	70026819	1	Tie Rod (RH)	
406	70026820	1	Tie Rod (LH)	
410	70031001	1	Seal Kit Less Rod (Includes Seals Only)	
411	70028907	1	Joint, 90 Degree (RH)	
412	70028476	2	Joint, Axial (1 Per Side)	
413	70028477	2	Rubber Boot & Locking Ring Kit (1 Per Side)	
414	70028468	2	Rubber Boot & Locking Ring Kit (1 Per Side)	
415	70028908	1	Joint, 90 Degree (LH)	
416	70031003	1	Seal & Rod Kit (Includes Seals & Rod)	
		Ref	Trunion Assembly	
501	91474516	4	Bushing	
502	7028082	2	Bushing	
504	91514099	2	Grease Fitting	
505	80204117	2	Plug	
506	70026630	1	Trunion Kit (Front) (Includes Trunion and Items 501,502,504,505 & 511)	
507	70026630	1	Trunion Kit (Rear) (Includes Trunion and Items 501,502,504,505 & 511)	
511	70025884	2	Bolt	

FIGURE 5-6. DRIVE SHAFTS INSTALLATION

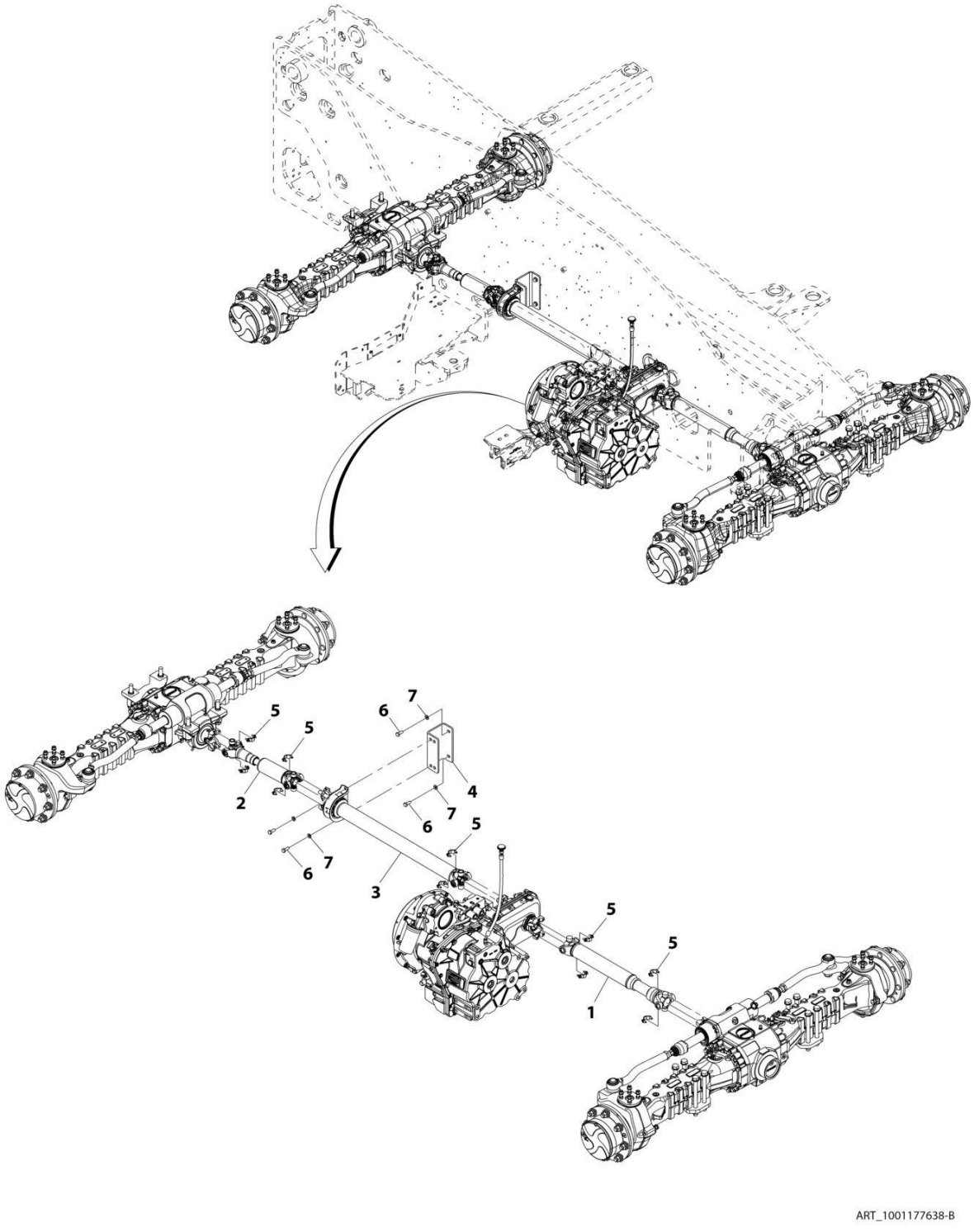


FIGURE 5-6. DRIVE SHAFTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177638	Ref	Drive Shafts Installation	B
1	1001174879	1	Shaft, Drive	
2	1001174880	1	Shaft, Drive	
3	1001174881	1	Shaft, Drive	
4	1001177870	1	Support	
5	8005079	10	Clampset	
6	0761214	4	Bolt, M12X30	
7	4812100	4	Washer, M12	

FIGURE 5-7. REMOTE GREASE SYSTEM INSTALLATION

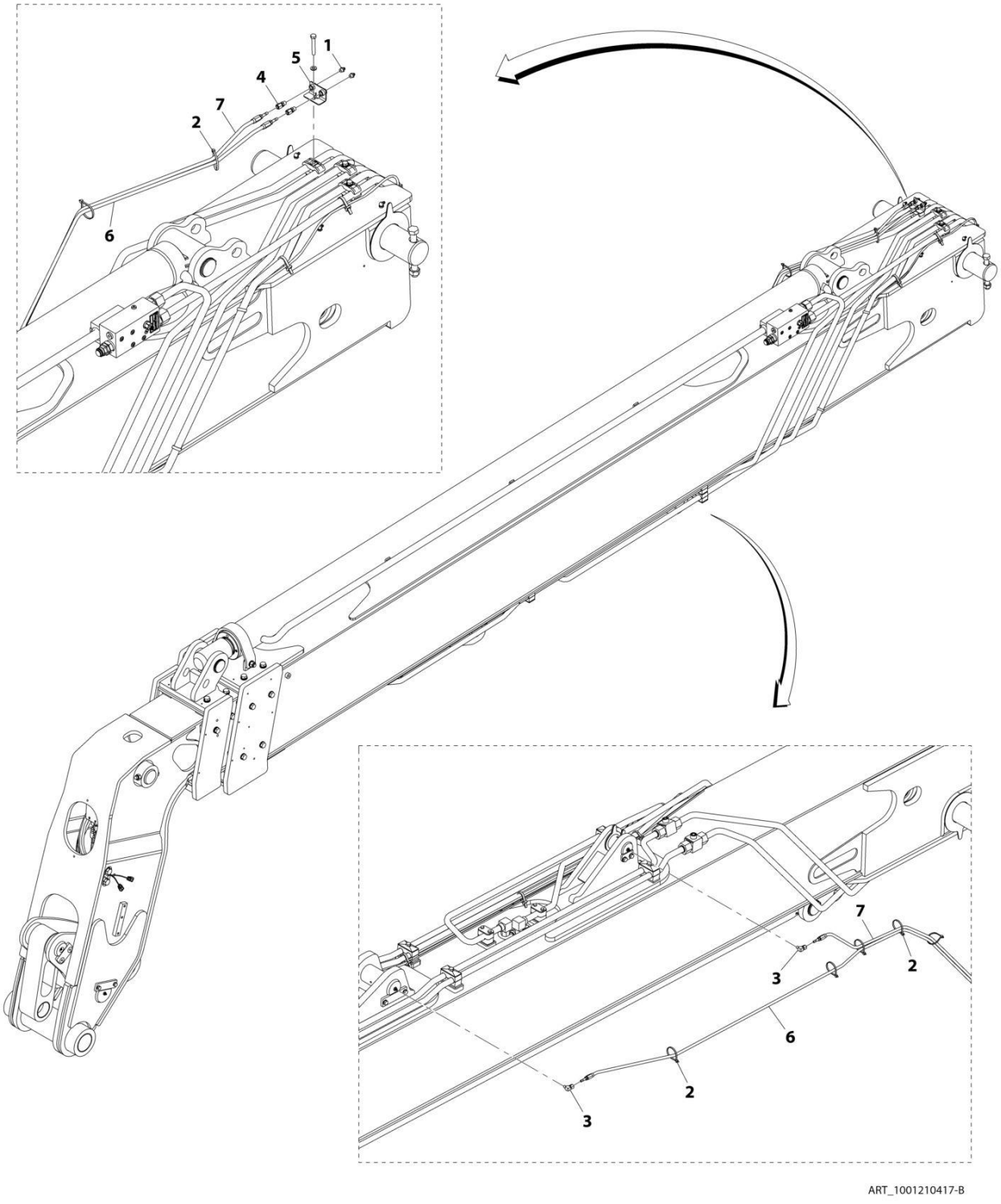


FIGURE 5-7. REMOTE GREASE SYSTEM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210417	Ref	REMOTE GREASE SYSTEM INSTALLATION	D
1	2160016	1	Fitting, Grease	
2	1001008559	7	Strap, Cable	
3	1001164053	2	Adapter, 90 Grease	
4	1001101563	2	Adapter, Straight Grease	
5	1001227653	1	Bracket	
6	1001210431	1	Hose, Grease	
7	1001210432	1	Hose, Grease	

FIGURE 5-8. AXLE SHIM INSTALLATION

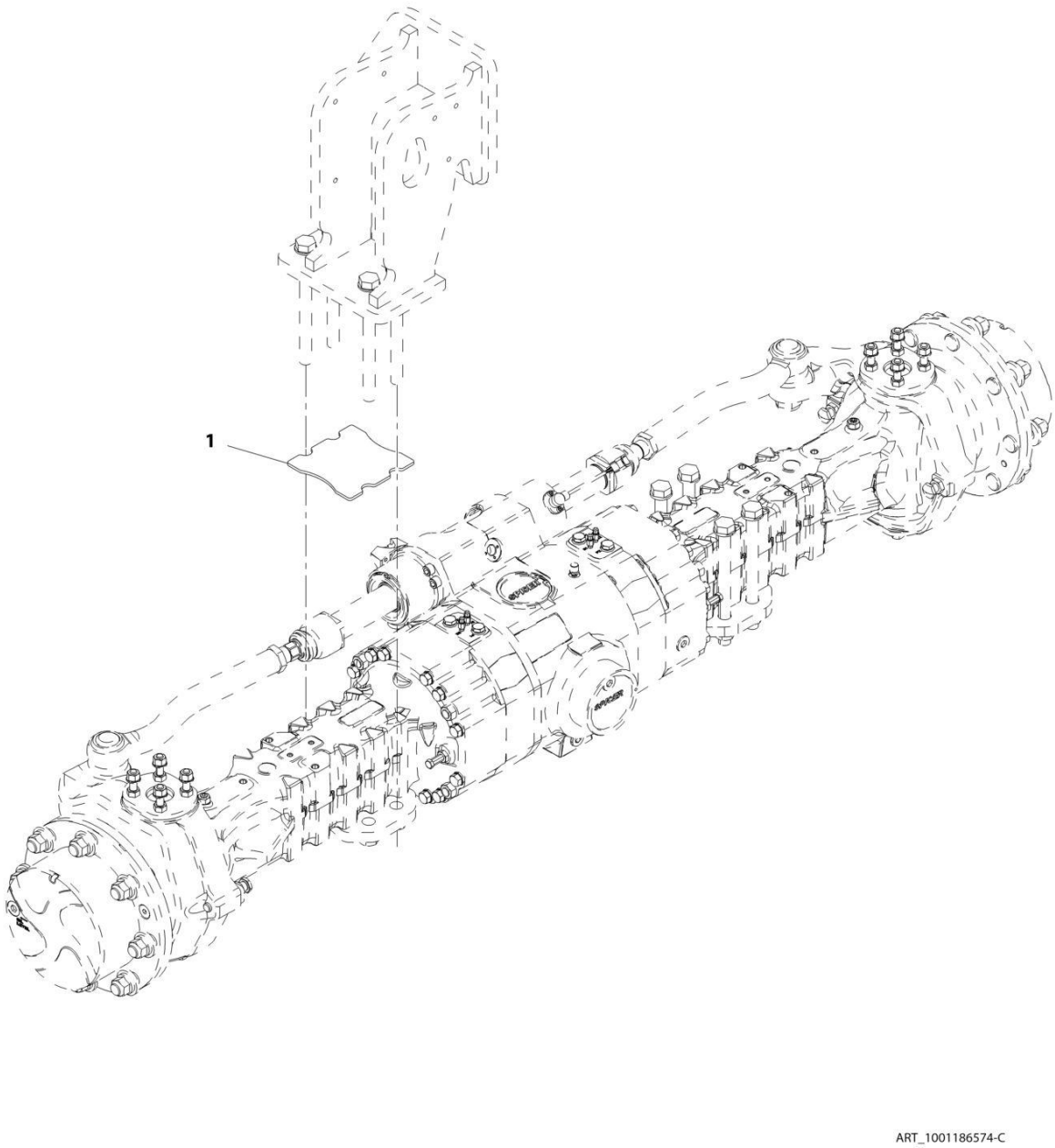


FIGURE 5-8. AXLE SHIM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186574	Ref	Axle Shim Installation (24IN Wheel)	C
1	1001190541	1	Plate, Axle Shim	

FIGURE 5-9. TRANSMISSION INSTALLATION (6 SPD - 90KW)

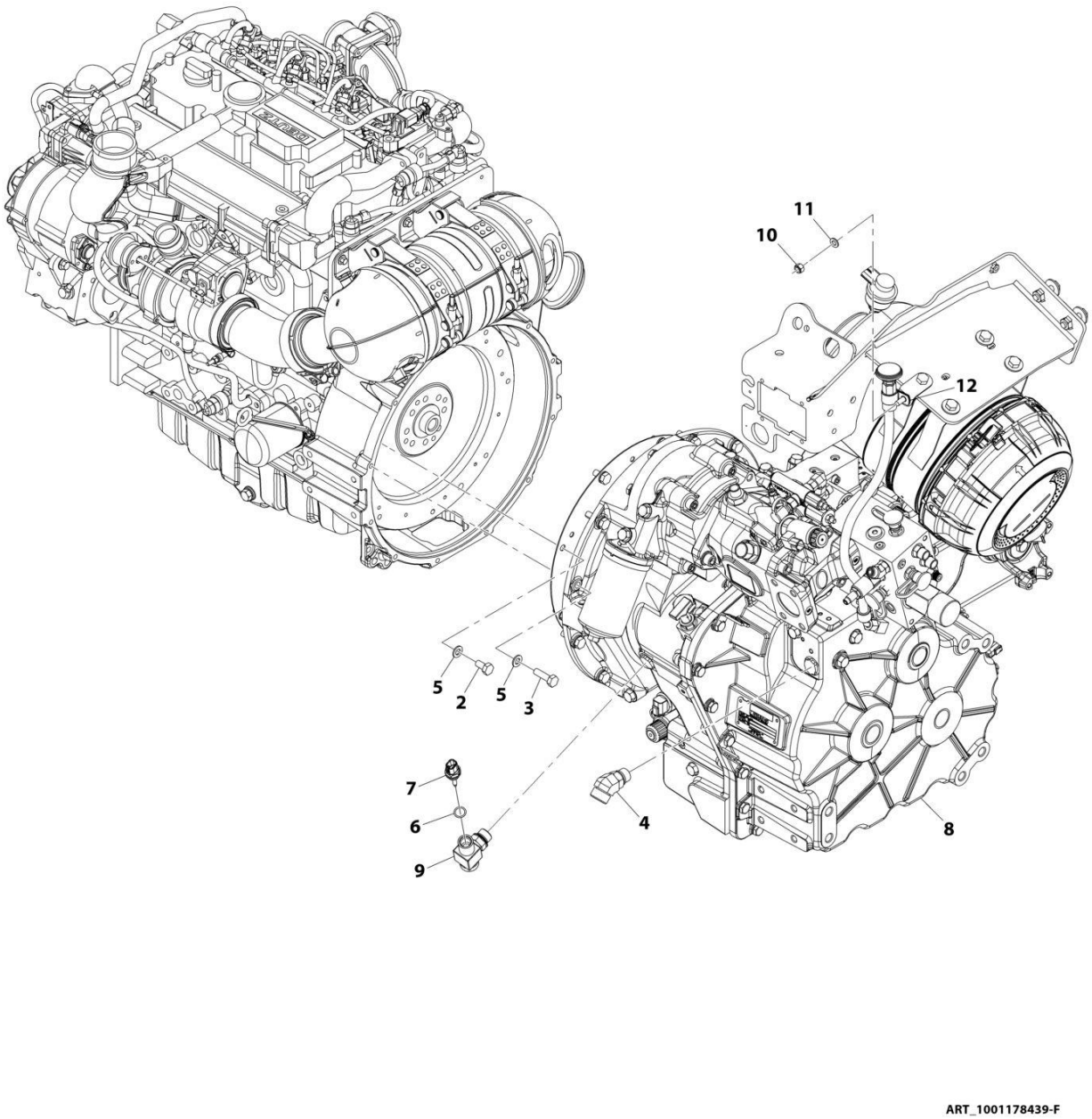


FIGURE 5-9. TRANSMISSION INSTALLATION (6 SPD - 90KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178439	Ref	TRANSMISSION INSTALLATION (6 SPD)	F
2	0761010	8	Bolt M10 x 20	
3	0761015	10	Bolt M10 x 35	
4	2151210	1	Fitting, 45 ORFS	
5	4812000	18	Washer M10	
6	1001009163	1	O-Ring	
7	1001128478	1	Sensor, Temperature	
8	1001177851	1	Transmission (6 SPD - DTZ - 90KW) (See Separate Breakdown in this Section)	
9	1001219182	1	Adapter, ORFS	
10	3290805	1	Nut, Lock M8 x 1.25	
11	4811900	1	Washer M8	
12	91043147	1	Clamp	

FIGURE 5-10. TRANSMISSION INSTALLATION (6 SPD - 97KW)

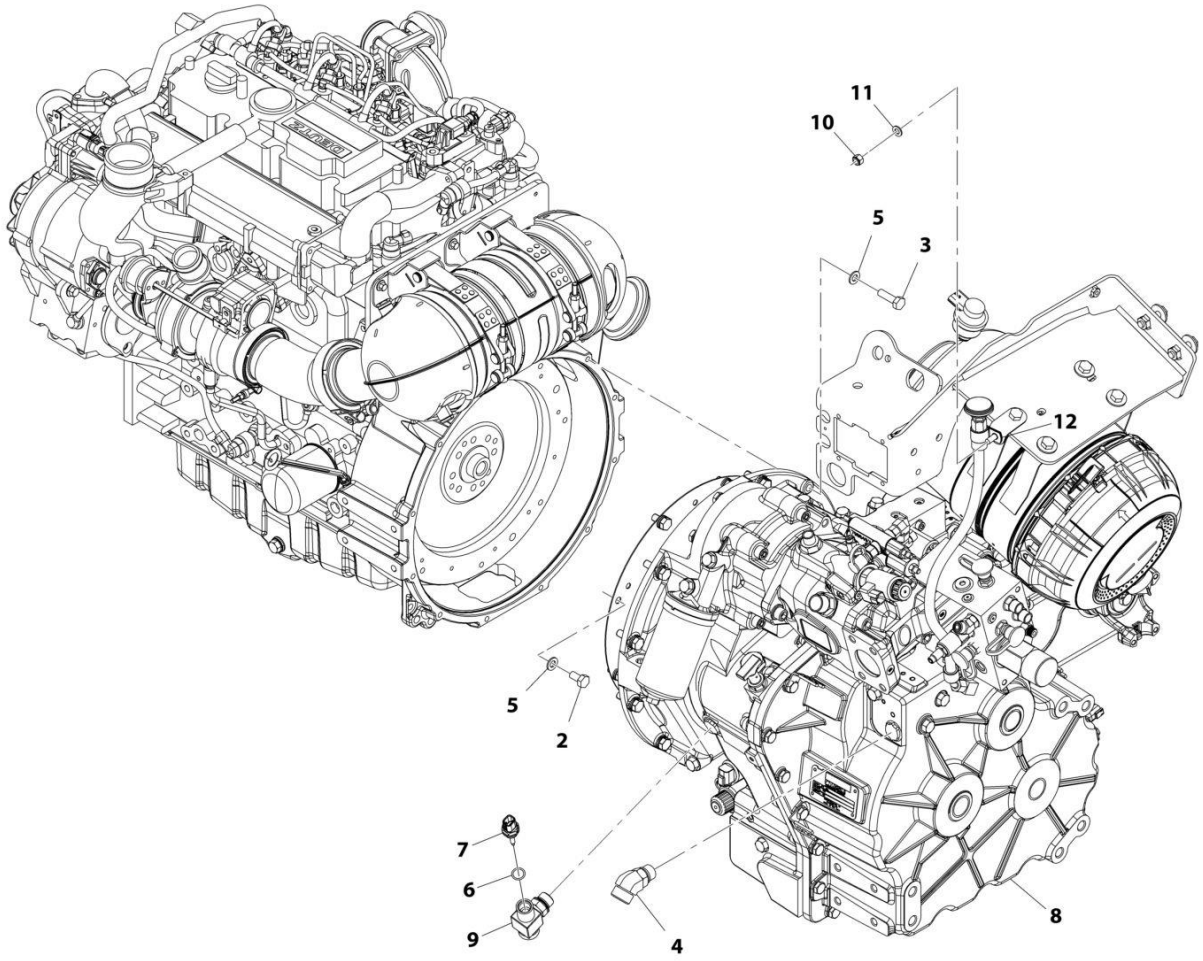


FIGURE 5-10. TRANSMISSION INSTALLATION (6 SPD - 97KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182647	Ref	TRANSMISSION INSTALLATION (6 SPD - HHP)	D
2	0761010	8	Bolt M10 x 20	
3	0761015	10	Bolt M10 x 35	
4	2151210	1	Fitting, 45 ORFS	
5	4812000	18	Washer M10	
6	1001009163	1	O-Ring	
7	1001128478	1	Sensor, Temperature	
8	1001181559	1	Transmission (6 SPD - HHP - 97KW) (See Separate Breakdown in this Section)	
9	1001219182	1	Fitting, Tee ORFS	
10	3290805	1	Nut, Lock M8 x 1.25	
11	4811900	1	Washer M8	
12	91043147	1	Clamp	

FIGURE 5-11. TRANSMISSION (6 SPD - 90KW)

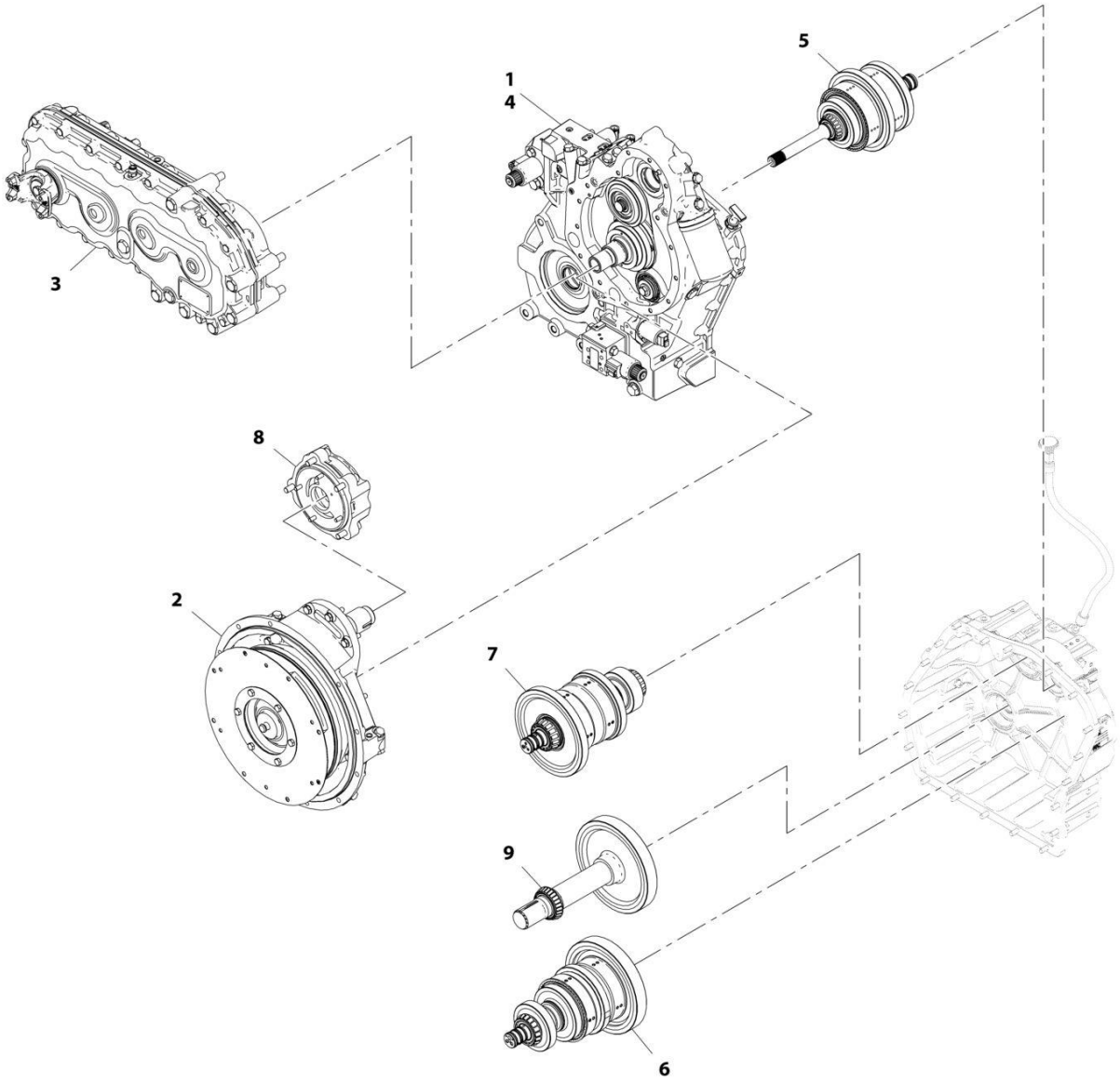
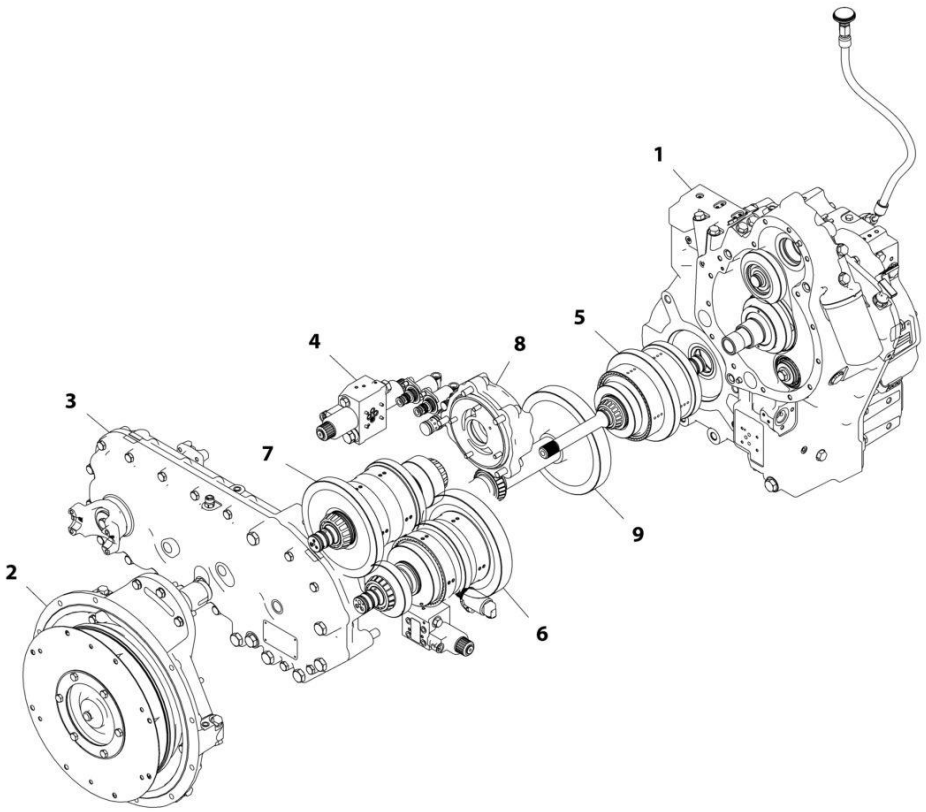


FIGURE 5-11. TRANSMISSION (6 SPD - 90KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177851	Ref	Transmission (6 SPD - 90KW)	E
1	70027723	Ref	Group, Planetary Case and Parts (See Separate Breakdown in this Section)	
2	70027721	Ref	Group, Torque Converter (See Separate Breakdown in this Section)	
3	70027725	Ref	Group, Transfer Gear and Case (See Separate Breakdown in this Section)	
4	70027720	Ref	Group, Transmission Hydraulic Control (See Separate Breakdown in this Section)	
5	70027717	Ref	Group, Input Shaft (See Separate Breakdown in this Section)	
6	70027718	Ref	Group, Transmission Clutch (See Separate Breakdown in this Section)	
7	70027715	Ref	Group, Clutch and Gear (See Separate Breakdown in this Section)	
8	70027719	Ref	Group, Transmission Pump (See Separate Breakdown in this Section)	
9	70027716	Ref	Group, Output Shaft (See Separate Breakdown in this Section)	

FIGURE 5-12. TRANSMISSION (6 SPD - HHP - 97KW)



ART_1001181559-D

FIGURE 5-12. TRANSMISSION (6 SPD - HHP - 97KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181559	Ref	Transmission (6 SPD - HHP - 97KW)	D
1	70027723	Ref	Group, Planetary Case and Parts (See Separate Breakdown in this Section)	
2	70027724	Ref	Group, Torque Converter (See Separate Breakdown in this Section)	
3	70027725	Ref	Group, Transfer Gear and Case (See Separate Breakdown in this Section)	
4	70027720	Ref	Group, Transmission Hydraulic Control (See Separate Breakdown in this Section)	
5	70027717	Ref	Group, Input Shaft (See Separate Breakdown in this Section)	
6	70027718	Ref	Group, Transmission Clutch (See Separate Breakdown in this Section)	
7	70027715	Ref	Group, Clutch and Gear (See Separate Breakdown in this Section)	
8	70027719	Ref	Group, Transmission Pump (See Separate Breakdown in this Section)	
9	70027716	Ref	Group, Output Shaft (See Separate Breakdown in this Section)	

FIGURE 5-13. PLANETARY CASE AND PARTS GROUP

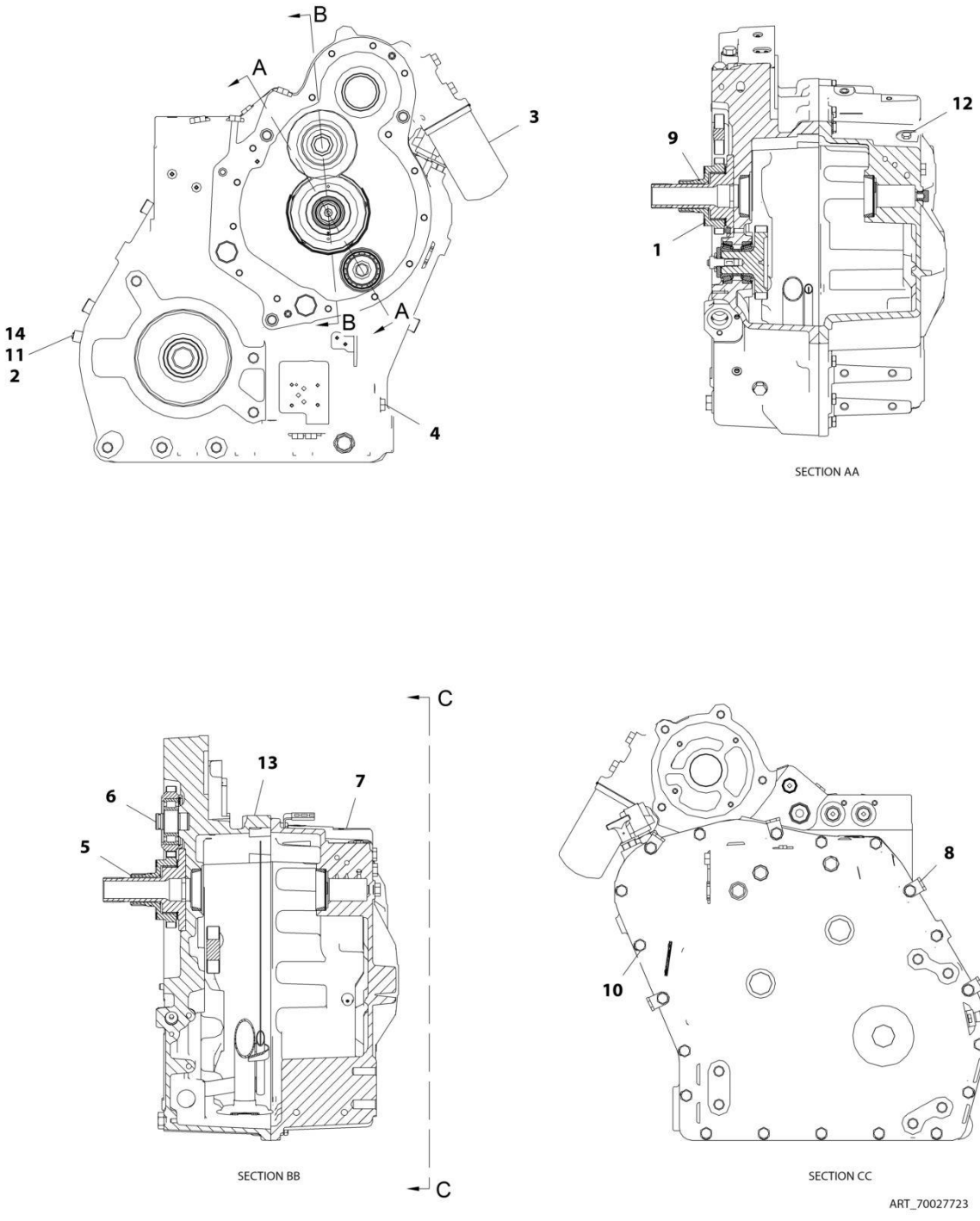


FIGURE 5-13. PLANETARY CASE AND PARTS GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027723	Ref	Planetary Case and Parts Group	
1	70025511	2	Washer, Thrust	
2	70025526	1	Sensor, Speed (See Separate Breakdown in this Section)	
3	70025453	1	Filter, Transmission	
4	70027663	1	Assembly, Plug	
	70025525	1	O-Ring	
	70025524	1	Plug	
5	70027341	1	Assembly, Gear	
6	70027707	1	Gear, Idler (See Separate Breakdown in this Section)	
7	70027711	1	Case, Rear Transmission (See Separate Breakdown in this Section)	
8	70027331	5	Clip	
9	70025512	1	O-Ring	
10	70025514	20	Bolt	
11	70025528	1	Bolt	
12	70025529	1	Plug	
13	70027714	1	Case, Planetary (See Separate Breakdown in this Section)	
14	70025527	1	O-Ring	

FIGURE 5-14. TORQUE CONVERTER GROUP

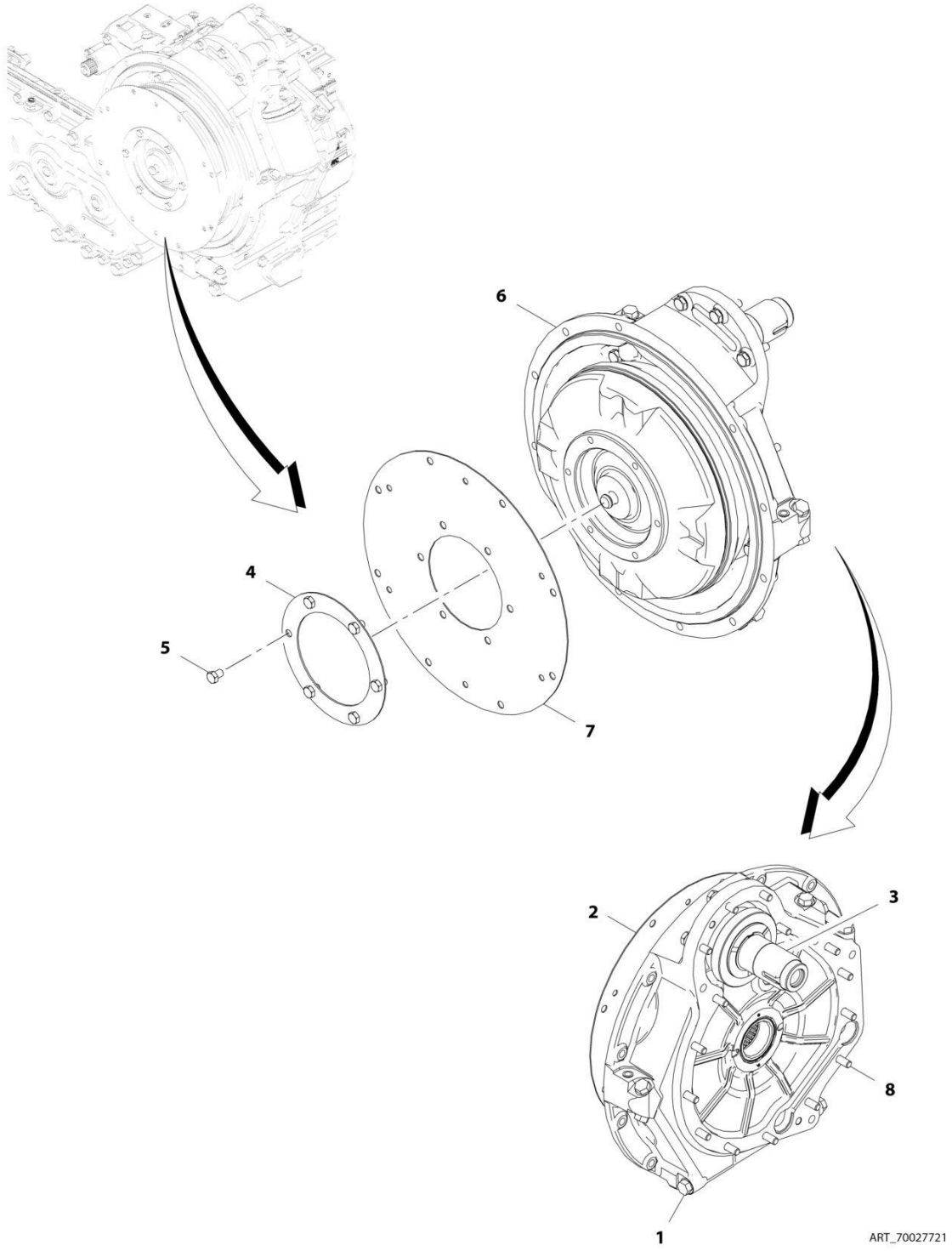


FIGURE 5-14. TORQUE CONVERTER GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027721	Ref	Torque Converter Group	
1	70027663	7	Assembly, Plug	
	70025525	1	O-Ring	
	70025524	1	Plug	
2	70027666	1	Assembly, Torque Converter	
	70027676	1	Bearing	
	70025383	1	Seal	
	70025382	2	Pin	
	70027345	1	Converter	
3	70027667	1	Assembly, Shaft	
	70025510	2	Ring, Snap	
	70025393	2	Disc, Thrust	
	70025392	1	Pump, Gear	
4	70025397	1	Plate, Converter Drive	
5	70025398	6	Screw	
6	70027382	1	Converter, Torque	
7	70027670	1	Plate, Converter Drive	
8	70027682	15	Bolt	

FIGURE 5-15. TORQUE CONVERTER GROUP

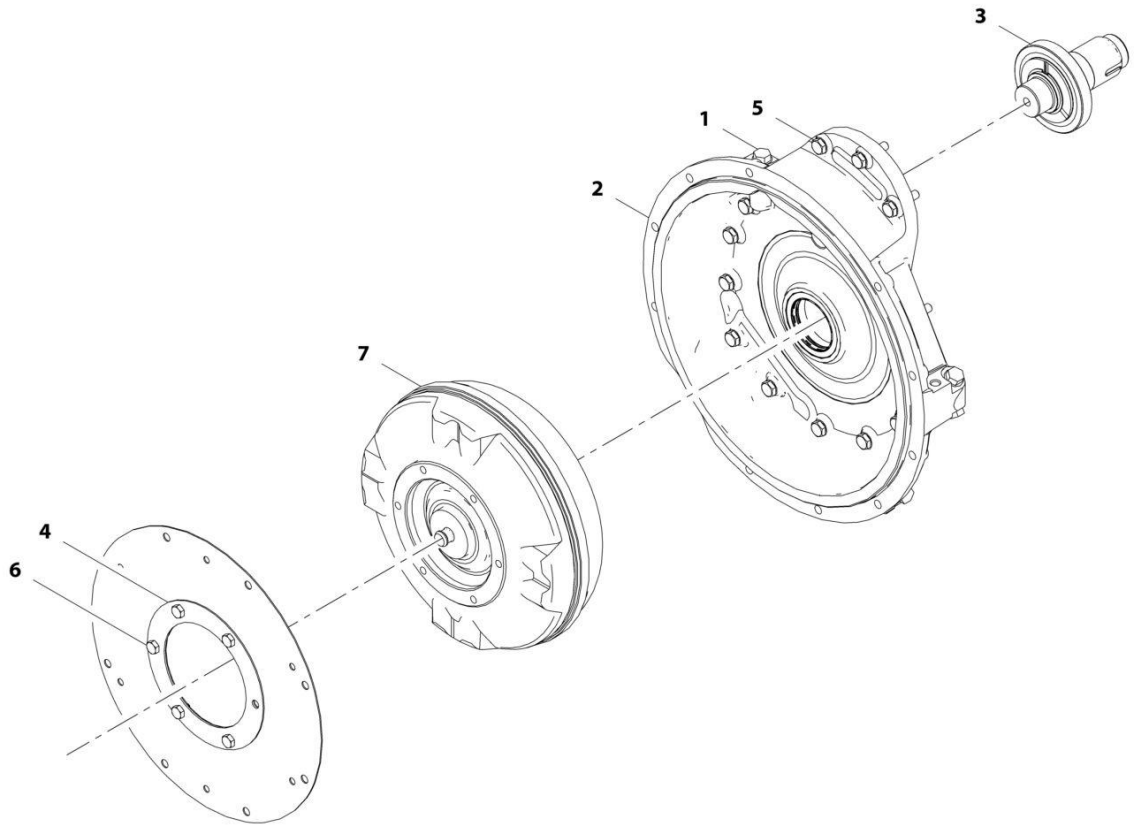


FIGURE 5-15. TORQUE CONVERTER GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027724	Ref	Torque Converter Group	
1	70027663	7	Assembly, Plug	
	70025525	1	O-Ring	
	70025524	1	Plug	
2	70027666	1	Torque Converter	
	70027676	1	Bearing	
	70025383	1	Seal	
	70025382	2	Pin	
	70027345	1	Converter	
3	70027667	1	Assembly, Shaft	
	70025510	2	Ring, Snap	
	70025393	2	Disc, Thrust	
	70025392	1	Pump, Gear	
4	70025397	1	Plate, Converter	
5	70025514	15	Bolt	
6	70025398	6	Setscrew	
7	70027383	1	Converter, Torque	

FIGURE 5-16. TRANSFER GEAR AND CASE GROUP

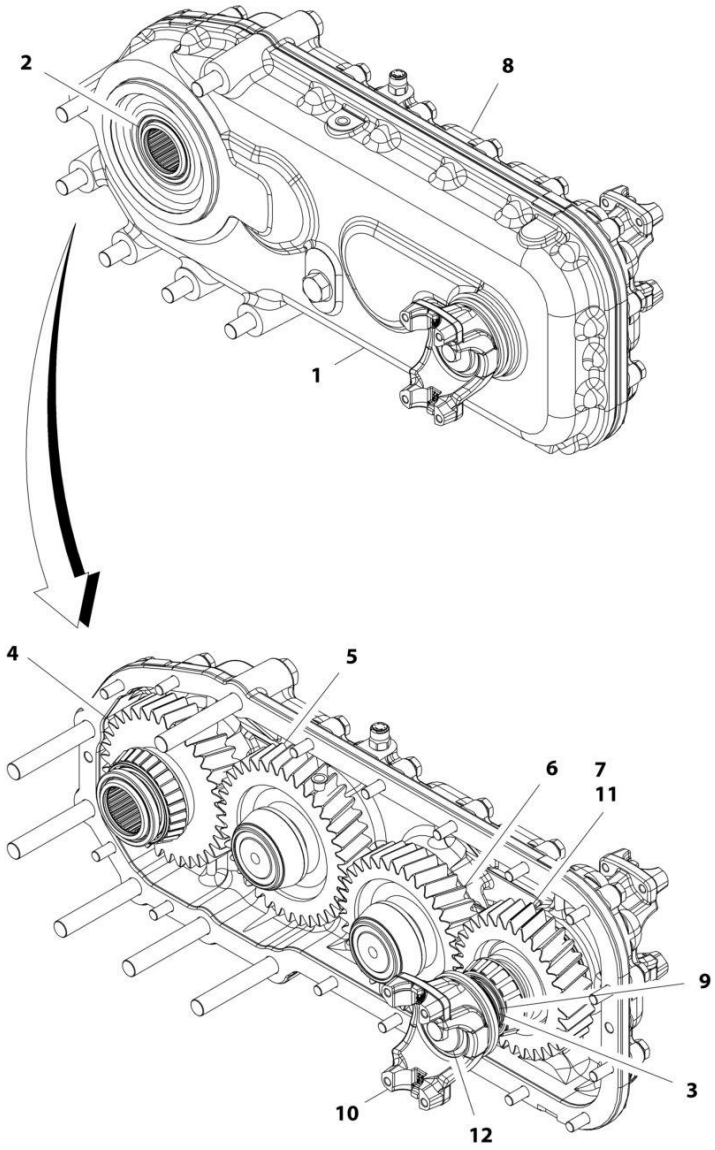
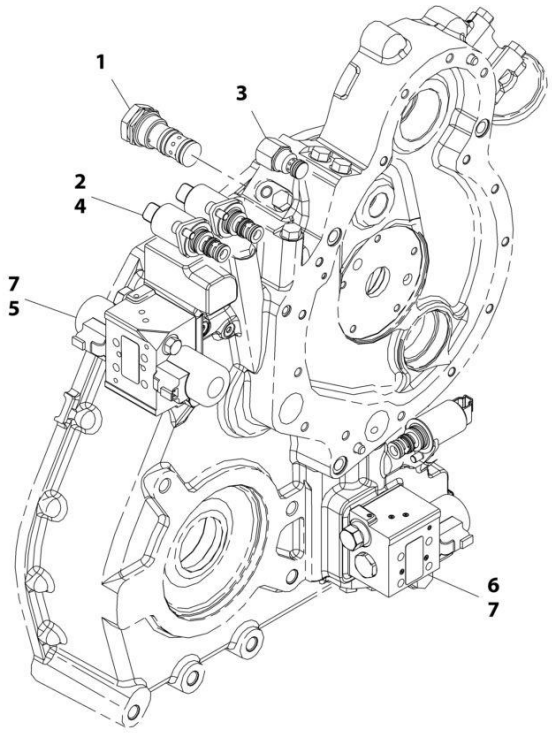


FIGURE 5-16. TRANSFER GEAR AND CASE GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027725	Ref	Group, Transfer Gear and Case	
1	70027373	1	Case, Front Transfer (See Separate Breakdown in this Section)	
2	70024642	1	Seal, Lip	
3	70027376	2	Seal, Lip	
4	70027672	1	Gear Assembly	
	70025496	2	Cone, Roller Bearing	
	70024634	1	Cone, Roller Bearing	
	70027368	1	Gear, Input	
5	70027673	1	Assembly, Idler Gear	
	70025493	2	Bearing, Cone	
	70027369	1	Idler, Gear	
6	70027674	1	Assembly, Idler Gear	
	70025493	2	Bearing, Cone	
	70027370	1	Idler, Gear	
7	70027675	1	Assembly, Output Shaft	
	70025496	2	Cone, Roller Bearing	
	70025498	2	Ring, Retaining	
	70024639	1	Shaft, Output	
	70027371	1	Gear, Output	
8	70027375	1	Case, Rear Transfer (See Separate Breakdown in this Section)	
9	70024644	2	Spacer	
10	70024645	2	Yoke	
11	70025503	2	O-Ring	
12	70025504	2	Washer	

FIGURE 5-17. TRANSMISSION HYDRAULIC CONTROL GROUP



ART_70027720

FIGURE 5-17. TRANSMISSION HYDRAULIC CONTROL GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027720	Ref	Transmission Hydraulic Control Group	
1	70025469	1	Valve, Relief (See Separate Breakdown in this Section)	
2	70025520	3	Capscrew	
3	70025470	1	Valve, Relief	
	70027387	1	O-Ring	
	70027680	1	O-Ring	
4	70025451	3	Valve, Solenoid	
5	70027362	1	Valve, Solenoid (See Separate Breakdown in this Section)	
6	70027363	1	Valve, Solenoid (See Separate Breakdown in this Section)	
7	70027671	8	Bolt	

FIGURE 5-18. INPUT SHAFT GROUP

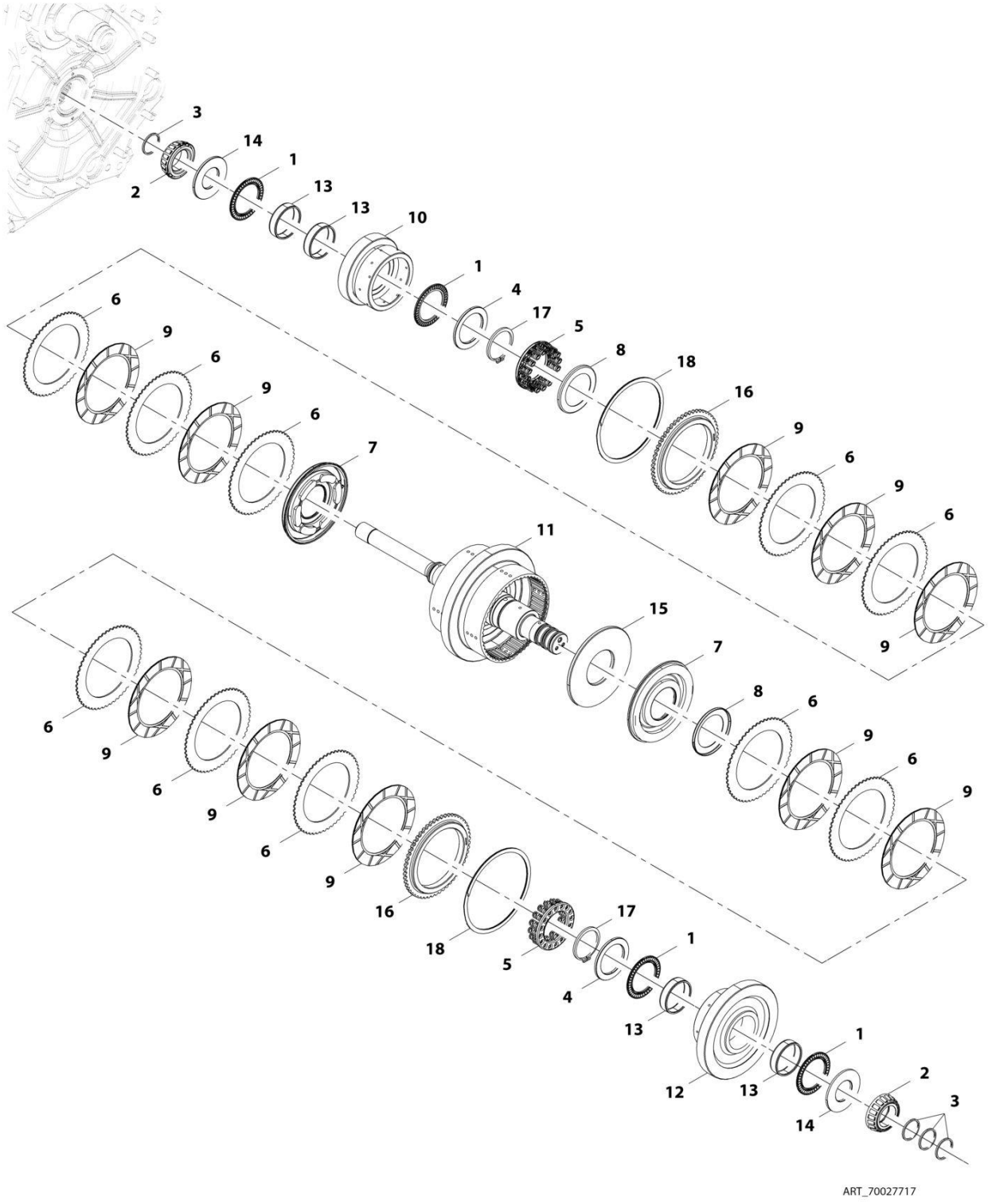


FIGURE 5-18. INPUT SHAFT GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027717	Ref	Input Shaft Group	
1	70025432	4	Bearing, Thrust	
2	70025508	2	Bearing, Roller Cone	
3	70025433	4	Ring, Sealing	
4	70025429	2	Washer, Thrust	
5	70025440	2	Assembly, Spring and Retainer	
6	70025437	10	Plate, Clutch	
7	70025438	2	Piston, Clutch	
8	70025439	2	Retainer, Spring	
9	70025448	10	Disc, Friction	
10	70025400	1	Gear	
11	70025445	1	Assembly, Plug	
	70027328	2	Plug	
	70027348	1	Plug, Orifice	
12	70025401	1	Gear	
13	70025424	4	Bearing, Needle Roller	
14	70025446	2	Washer, Thrust	
15	70025449	1	Spacer, Piston	
16	70025447	2	Plate, Retainer	
17	70025498	2	Ring, Retaining	
18	70027681	2	Ring, Retaining	

FIGURE 5-19. TRANSMISSION CLUTCH GROUP

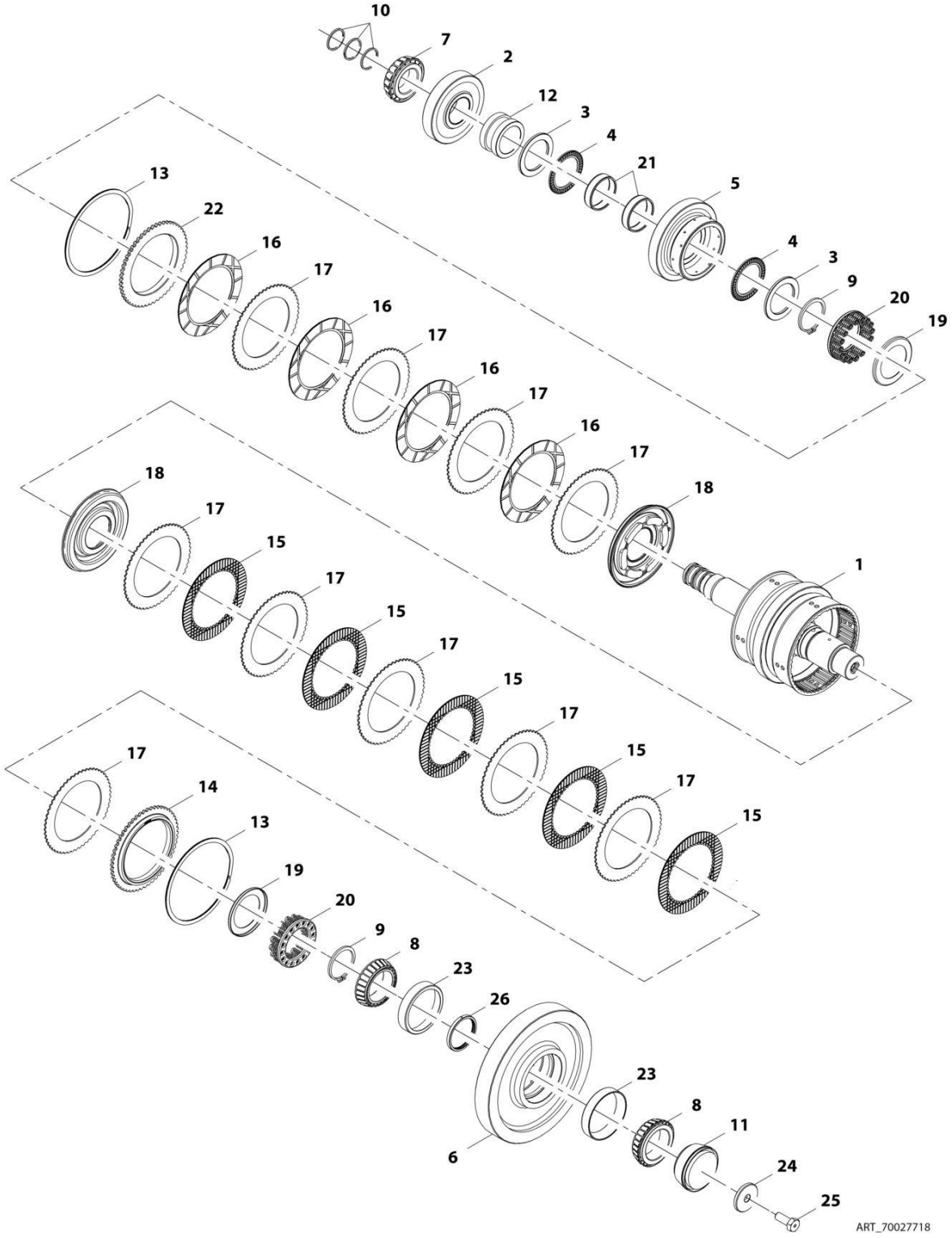


FIGURE 5-19. TRANSMISSION CLUTCH GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027718	Ref	Transmission Clutch Group	
1	70025450	1	Shaft, Forward High/3rd	
	70027339	2	Plug	
	70027344	1	Plug-Orifice	
2	70025402	1	Gear	
3	70025429	2	Washer, Thrust	
4	70025432	2	Bearing, Thrust	
5	70025403	1	Gear	
6	70025404	1	Gear	
7	70025406	1	Bearing, Cone Roller	
8	70025407	2	Bearing, Cone Roller	
9	70025498	2	Ring, Retaining	
10	70025433	3	Ring, Sealing	
11	70025493	1	Bearing, Cone Roller	
12	70025409	1	Spacer	
13	70027681	2	Ring, Retaining	
14	70025435	1	Plate, Retainer	
15	70025436	5	Disc-Friction	
16	70025448	4	Disc-Friction	
17	70025437	10	Plate, Clutch	
18	70025438	2	Piston, Clutch	
19	70025439	2	Spring, Retainer	
20	70025440	2	Assembly, Spring and Retainer	
21	70025424	2	Bearing, Needle Roller	
22	70025447	1	Plate, Retaining	
23	70025408	2	Bearing, Cup	
24	70025504	1	Washer	
25	70025442	1	Bolt	
26	70025410	AR	Spacer, 5.88-5.90	
	70025411	AR	Spacer, 5.85-5.87	
	70025412	AR	Spacer, 5.82-5.84	
	70025413	AR	Spacer, 5.79-5.81	
	70025414	AR	Spacer, 6.00-6.02	
	70025415	AR	Spacer, 5.97-5.99	
	70025416	AR	Spacer, 5.94-5.96	
	70025417	AR	Spacer, 5.91-5.93	
	70025418	AR	Spacer, 6.09-6.11	
	70025419	AR	Spacer, 6.06-6.08	
	70027358	AR	Spacer, 6.12-6.14	
	70027359	AR	Spacer, 6.15-6.17	
	70025420	AR	Spacer, 6.03-6.05	
	70027364	AR	Spacer, 6.20-6.22	
	70027365	AR	Spacer, 6.25-6.27	

FIGURE 5-20. CLUTCH AND GEAR GROUP

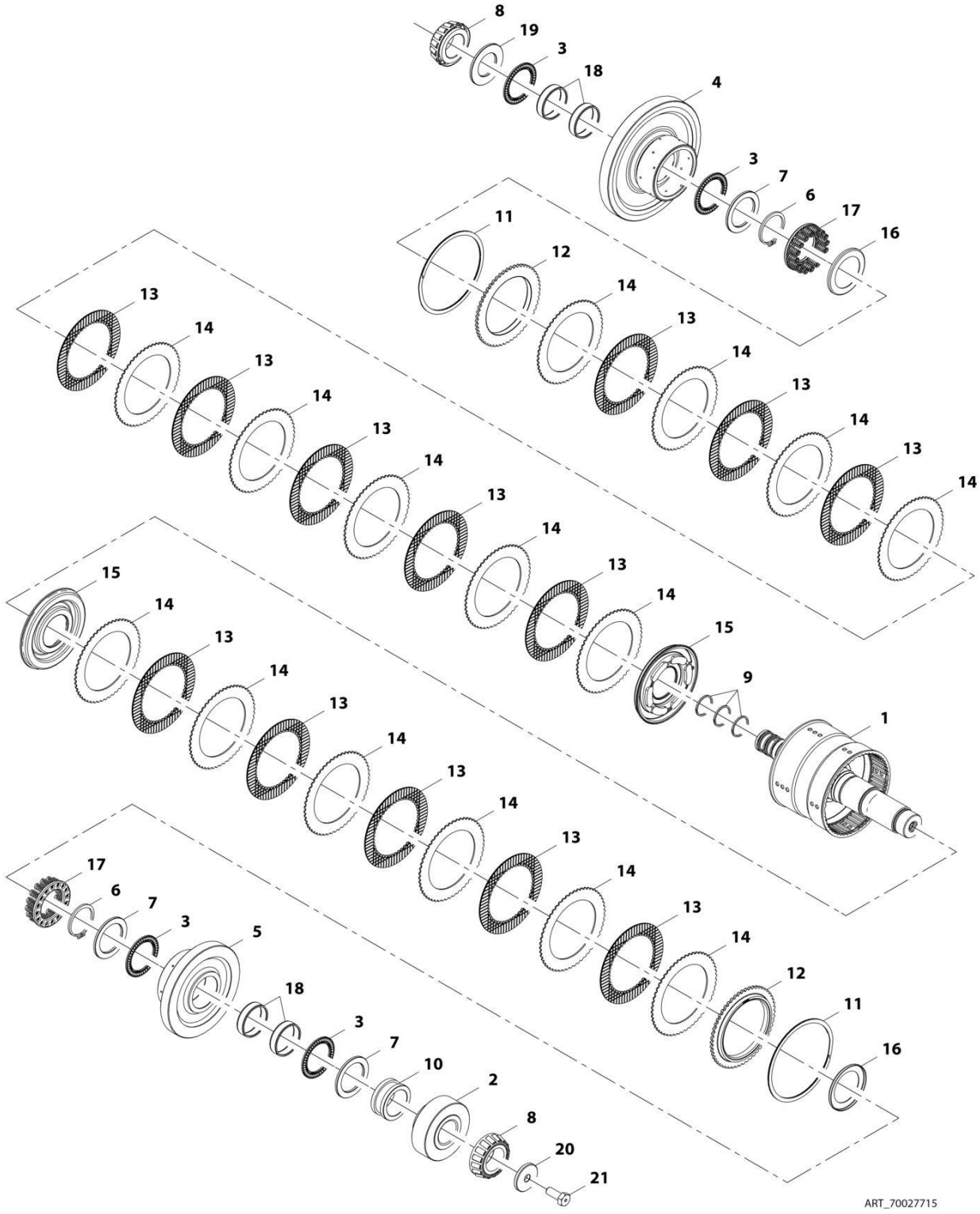


FIGURE 5-20. CLUTCH AND GEAR GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027715	Ref	Clutch and Gear Group	
1	70025431	1	Assembly, Plug	
	70027328	2	Plug	
	70027344	1	Plug, Orifice	
	70027349	1	Plug, Orifice	
2	70025423	1	Gear	
3	70025432	4	Bearing, Thrust	
4	70025425	1	Gear	
5	70025401	1	Gear	
6	70025498	2	Ring, Retaining	
7	70025429	3	Washer, Thrust	
8	70025496	2	Cone, Roller Bearing	
9	70025433	3	Ring, Sealing	
10	70025426	1	Spacer	
11	70027681	2	Ring, Retaining	
12	70025435	2	Plate, Retainer	
13	70025436	13	Disc, Friction	
14	70025437	15	Plate, Clutch	
15	70025438	2	Piston, Clutch	
16	70025439	2	Retainer, Spring	
17	70025440	2	Assembly, Spring and Retainer	
18	70025424	4	Bearing, Needle Roller	
19	70025441	1	Washer, Thrust	
20	70025504	1	Washer	
21	70025442	1	Bolt	

FIGURE 5-21. TRANSMISSION PUMP GROUP

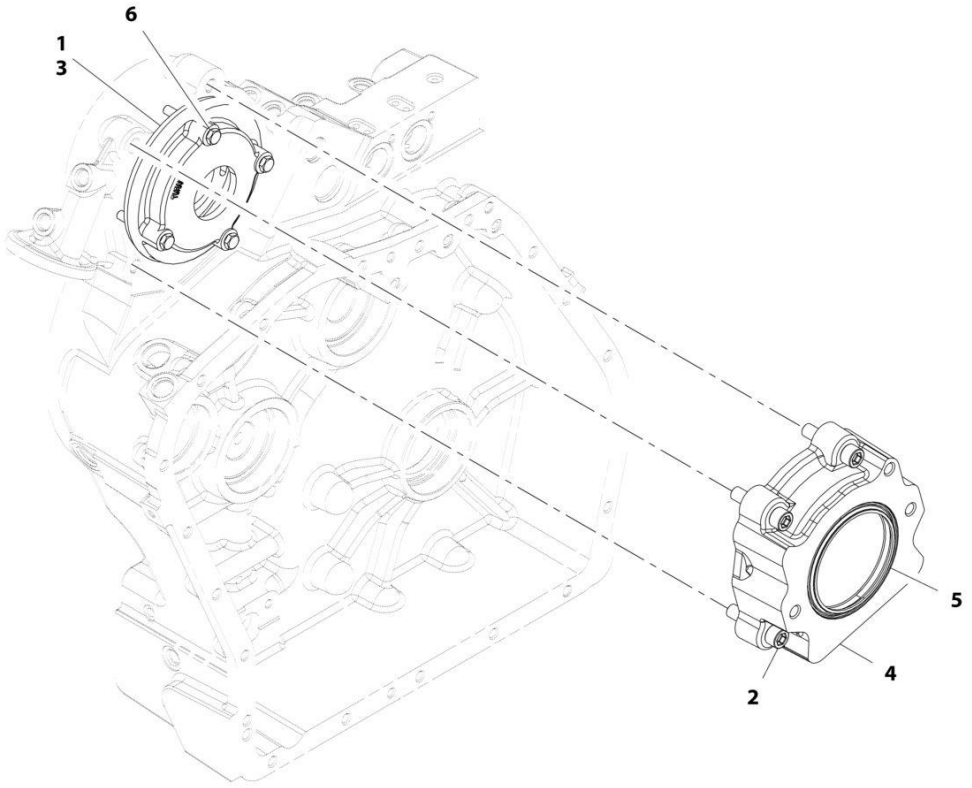


FIGURE 5-21. TRANSMISSION PUMP GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027719	Ref	Transmission Pump Group	
1	70025464	1	O-Ring	
2	70025463	4	Capscrew	
3	70025459	1	Pump, Charge	
4	70025452	1	Housing, Pump	
5	70027347	1	Plug	
6	70025522	4	Bolt	

FIGURE 5-22. OUTPUT SHAFT GROUP

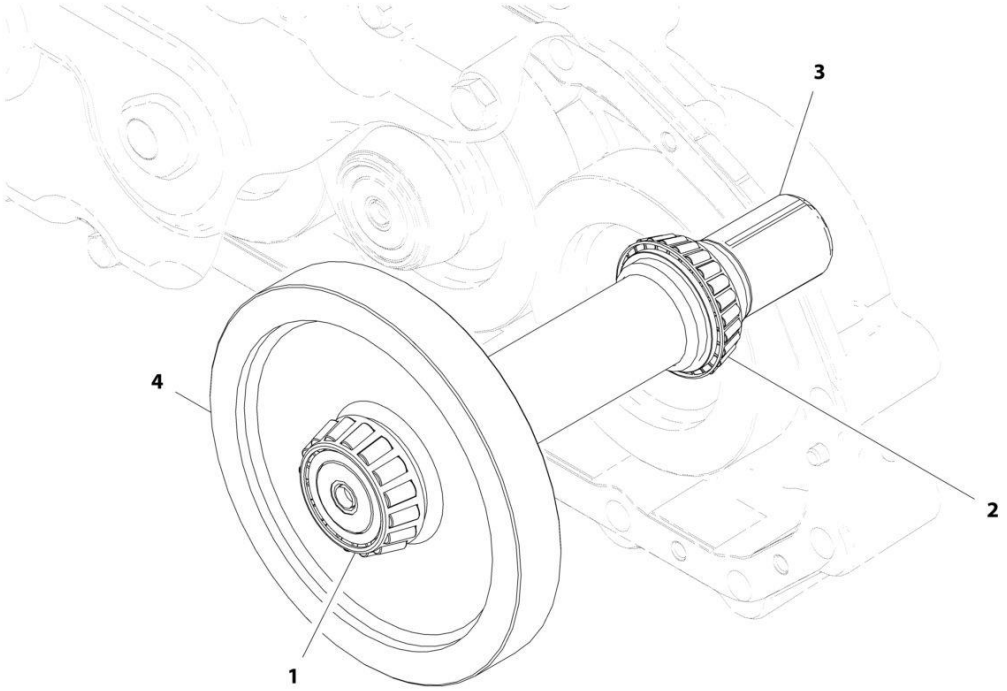
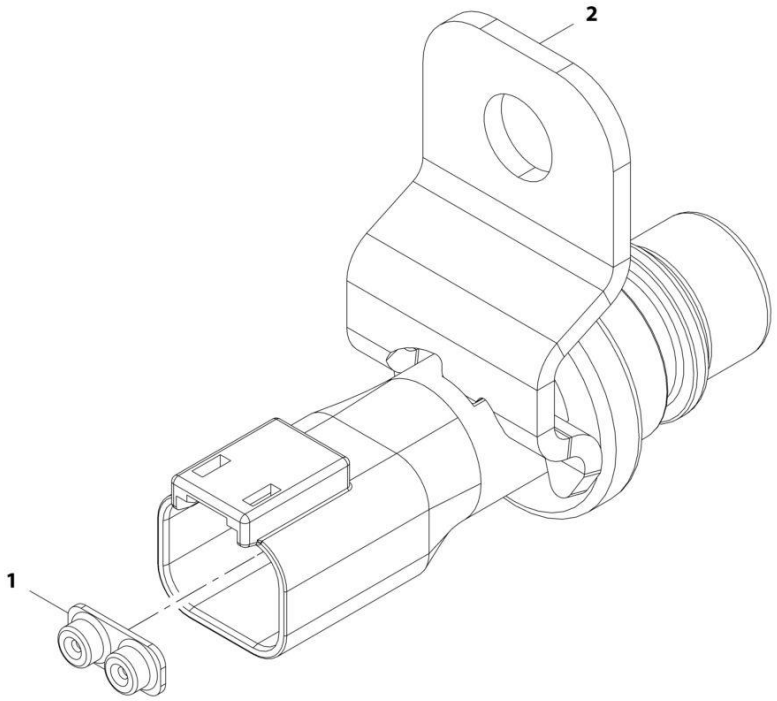


FIGURE 5-22. OUTPUT SHAFT GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027716	Ref	Output Shaft Group	
1	70025496	1	Cone, Roller Bearing	
2	70025407	1	Cone, Roller Bearing	
3	70025428	1	Gear	
4	70025427	1	Shaft, Output	

FIGURE 5-23. SPEED SENSOR

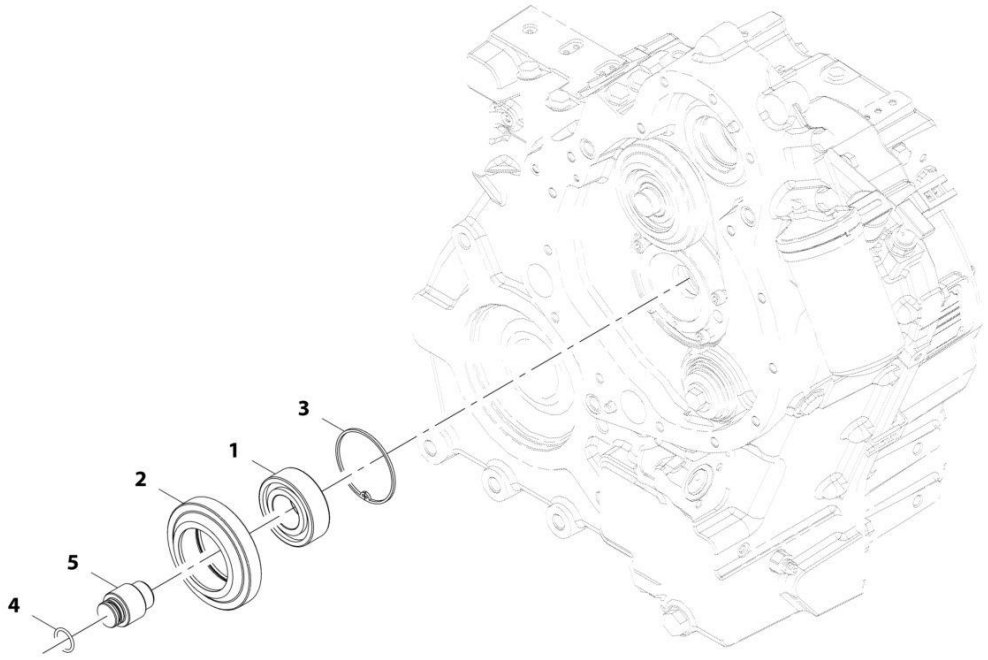


ART_70025526

FIGURE 5-23. SPEED SENSOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70025526	Ref	Speed Sensor	
1	70027332	1	Connector	
2	70027661	1	Bracket	

FIGURE 5-24. IDLER GEAR

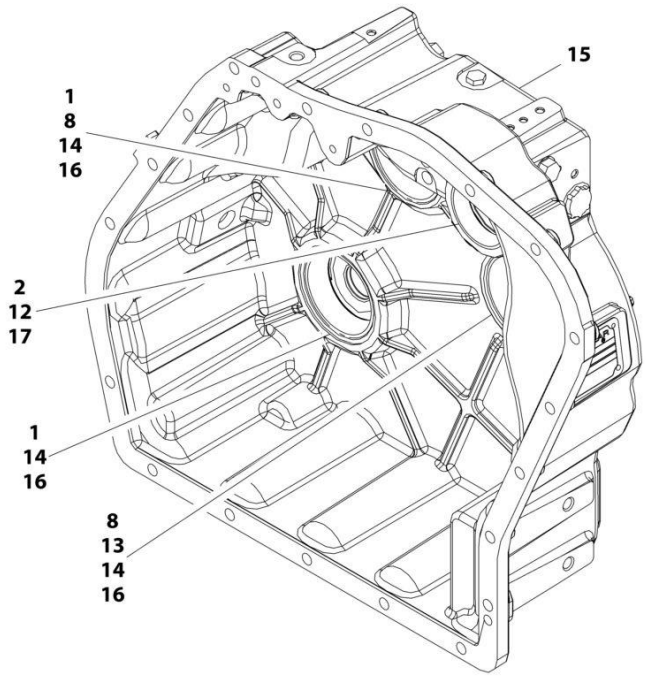


ART_70027707

FIGURE 5-24. IDLER GEAR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027707	Ref	Idler Gear Group	
1	70025389	1	Bearing, Roller	
2	70025388	1	Pump, Idler Gear	
3	70025391	1	Circlip	
4	70025390	1	O-Ring	
5	70025387	1	Pump, Output Shaft	

FIGURE 5-25. REAR TRANSMISSION CASE



ART_70027711

FIGURE 5-25. REAR TRANSMISSION CASE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027711	Ref	Rear Transmission Case	
1	70025497	2	Cup, Roller Bearing	
2	70025443	AR	Shim, 0.508	
	70025444	AR	Shim, 0.381	
	70025518	AR	Shim, 0.051	
	70025515	AR	Shim, 0.178	
	70025516	AR	Shim, 0.127	
	70025517	AR	Shim, 0.076	
8	70025502	AR	Shim, 0.599	
	70025501	AR	Shim, 0.178	
	70025500	AR	Shim, 0.076	
	70025499	AR	Shim, 0.051	
12	70025509	1	Cup, Roller Bearing	
13	70025494	1	Cup, Bearing	
14	70025476	3	Cap	
15	70025430	1	Assembly, Rear Transmission Case (See Separate Breakdown in this Section)	
16	70025421	3	Shim	
17	70027350	1	Spacer	

FIGURE 5-26. PLANETARY CASE

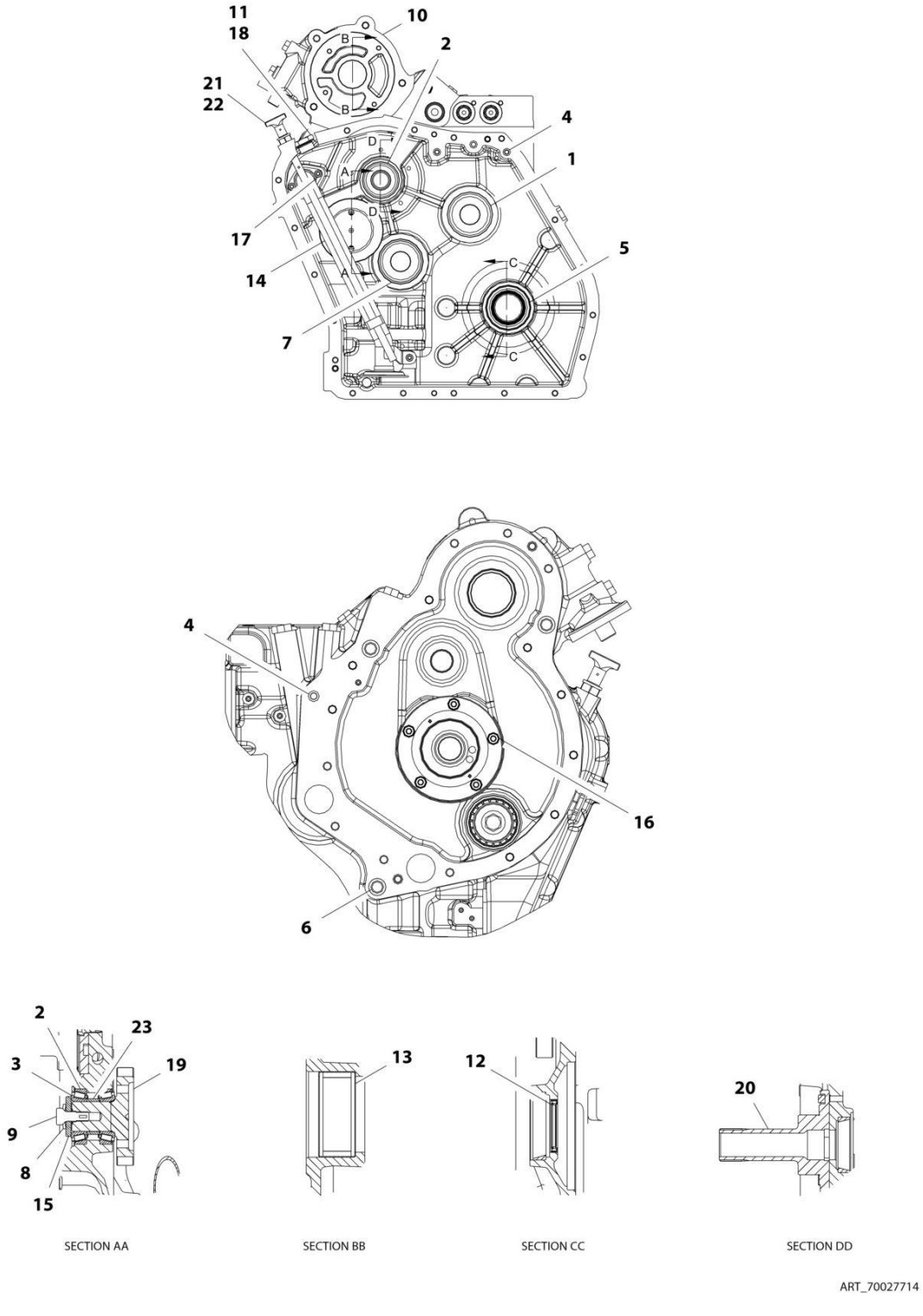
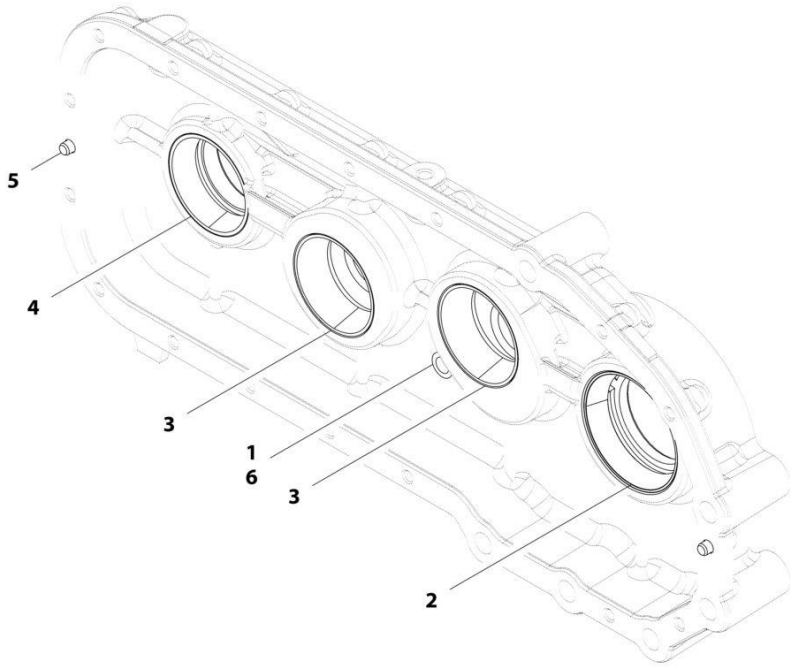


FIGURE 5-26. PLANETARY CASE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027714	Ref	Planetary Case	
1	70025497	1	Cup, Roller Bearing	
2	70025509	3	Cup, Roller Bearing	
3	70025508	1	Cone, Roller Bearing	
4	70025523	4	O-Ring	
5	70025408	1	Cup, Bearing	
6	70025468	3	O-Ring	
7	70027340	1	Bearing	
8	70025380	1	Washer, Bevel Spring	
9	70025505	1	Bolt	
10	70025467	1	Assembly, Front Transmission Case (See Separate Breakdown in this Section)	
11	70027664	1	Housing	
12	70027376	1	Seal, Lip	
13	70025360	1	Bearing, Needle Roller	
14	70027668	1	Assembly, Strainer	
	70025461	2	O-Ring	
	70025460	1	Strainer	
15	70025504	1	Washer	
16	70025513	5	Capscrew	
17	70025520	3	Capscrew	
18	70025472	1	Washer	
19	70027665	1	Shaft, Idler	
	70025508	1	Cone, Bearing	
	70025361	1	Gear, Reverse Idler	
20	70025394	1	Support	
	70025382	2	Pin	
21	70025465	1	Dipstick	
22	70025462	1	Assembly, Dipstick Tube	
	70027388	1	O-Ring	
	70027346	1	Tube	
23	70025370	AR	Spacer, 15.09-15.11	
	70025376	AR	Spacer, 15.27-15.29	
	70025362	AR	Spacer, 14.85-14.87	
	70025377	AR	Spacer, 15.30-15.32	
	70025371	AR	Spacer, 15.12-15.14	
	70025372	AR	Spacer, 15.15-15.17	
	70025373	AR	Spacer, 15.18-15.20	
	70025363	AR	Spacer, 14.88-14.90	
	70025364	AR	Spacer, 14.91-14.93	
	70025365	AR	Spacer, 14.94-14.96	
	70025366	AR	Spacer, 14.97-14.99	
	70025367	AR	Spacer, 15.00-15.02	
	70025368	AR	Spacer, 15.03-15.05	
	70025369	AR	Spacer, 15.06-15.08	
	70025374	AR	Spacer, 15.21-15.23	
	70025378	AR	Spacer, 15.33-15.35	
	70025379	AR	Spacer, 15.36-15.38	
	70025375	AR	Spacer, 15.24-15.26	

FIGURE 5-27. FRONT TRANSFER CASE



ART_70027373

FIGURE 5-27. FRONT TRANSFER CASE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027373	Ref	Front Transfer Case	
1	70025506	1	Plug	
2	70024635	1	Cup, Roller Bearing	
3	70025494	2	Cup, Bearing	
4	70025497	1	Cup, Roller Bearing	
5	70025495	2	Dowel	
6	70027387	1	O-Ring	

FIGURE 5-28. REAR TRANSFER CASE

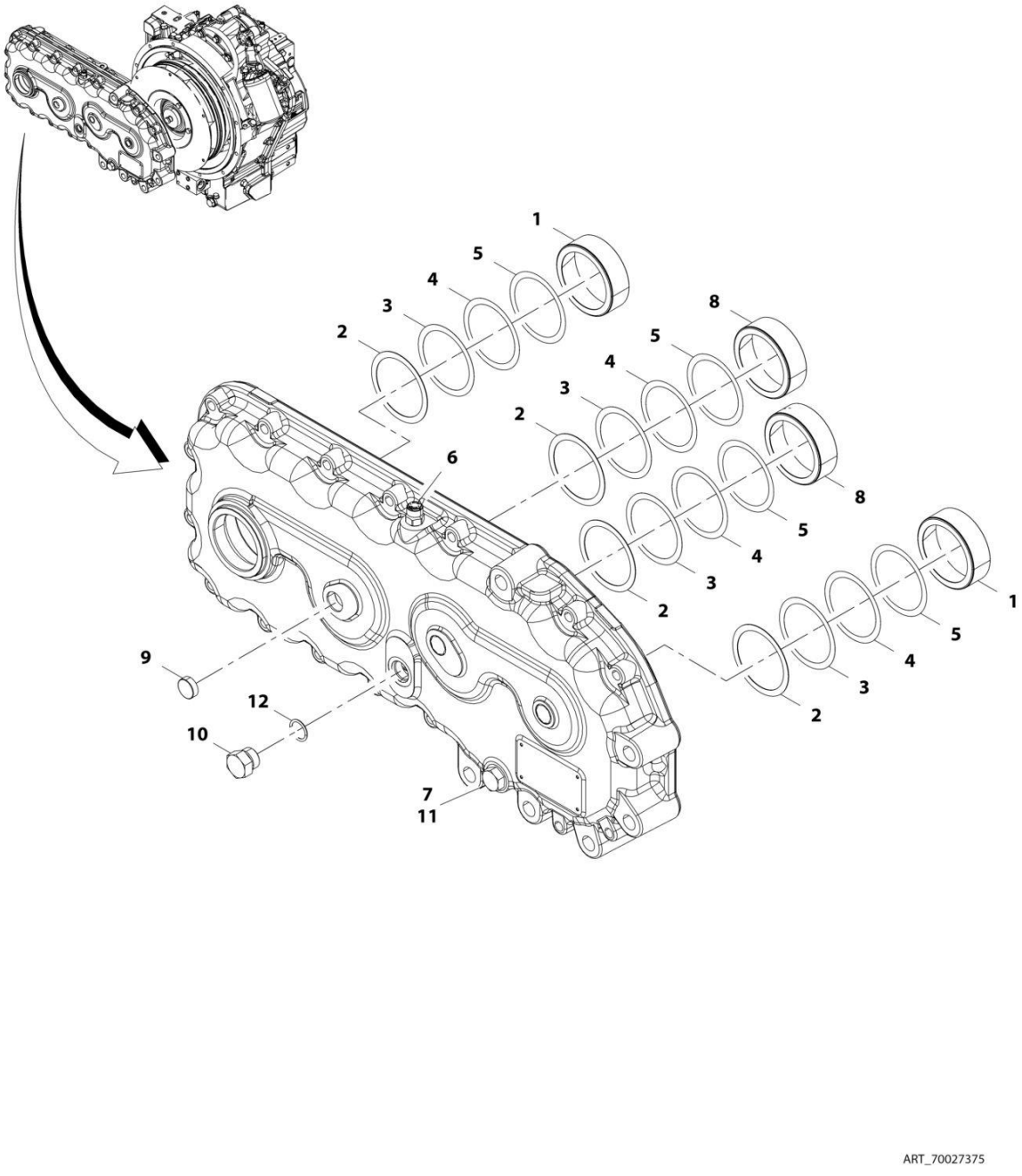
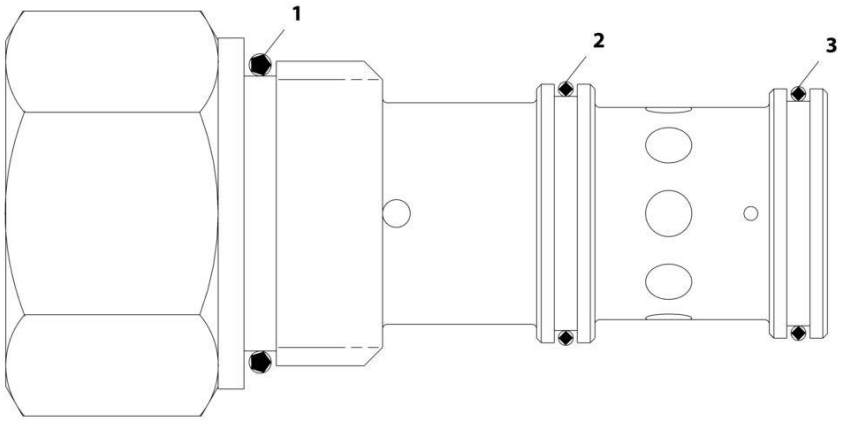


FIGURE 5-28. REAR TRANSFER CASE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027375	Ref	Rear Transfer Case	
1	70025497	2	Cup, Roller Bearing	
2	70025502	4	Shim, 0.236	
3	70025501	4	Shim, 0.007	
4	70025500	4	Shim, 0.003	
5	70025499	4	Shim, 0.002	
6	70027374	1	Breather	
7	70024646	1	Plug	
8	70025494	2	Cup, Bearing	
9	70024641	3	Cap	
10	70025506	1	Plug	
11	7022730	1	O-Ring	
12	70027387	1	O-Ring	

FIGURE 5-29. RELIEF VALVE

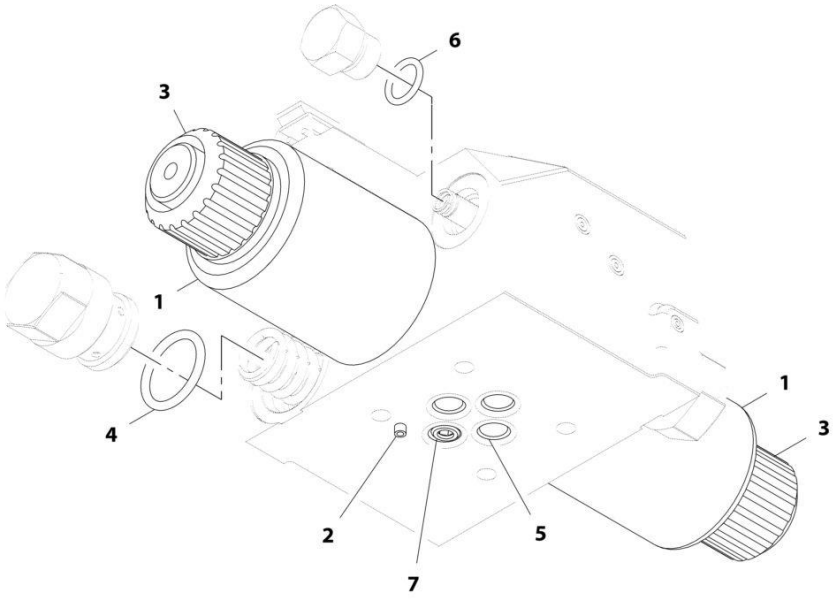


ART_70025469

FIGURE 5-29. RELIEF VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70025469	Ref	Valve, Relief	
1	70027679	1	O-Ring	
2	70027678	1	O-Ring	
3	70027660	1	O-Ring	

FIGURE 5-30. SOLENOID VALVE



ART_70027362

FIGURE 5-30. SOLENOID VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027362	Ref	Solenoid Valve	
1	70025456	2	Coil, Solenoid	
2	70027389	1	Pin	
3	70025457	2	Assembly, Solenoid	
	70027677	1	O-Ring	
	70025455	1	Nut, Self Locking	
4	70027352	2	O-Ring	
5	70025466	4	O-Ring	
6	70027353	2	O-Ring	
7	70027361	1	Plug	

FIGURE 5-31. SOLENOID VALVE

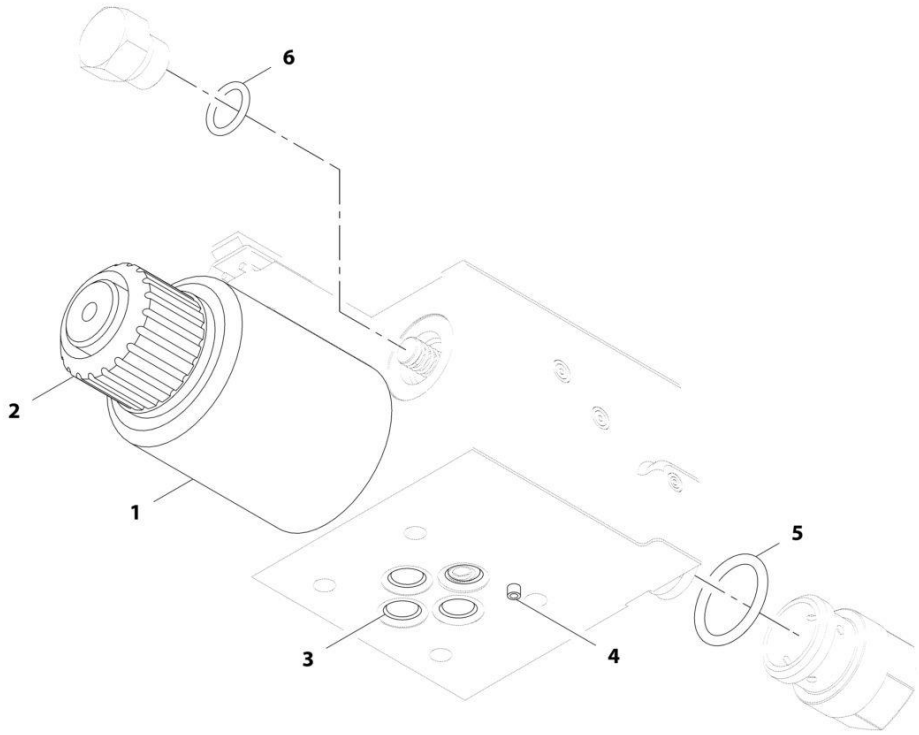


FIGURE 5-31. SOLENOID VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027363	Ref	Solenoid Valve	
1	70025456	1	Coil, Solenoid	
2	70025457	1	Tube	
	70027677	1	O-Ring	
	70025455	1	Nut, Self Locking	
3	70025466	4	O-Ring	
4	70027389	1	Pin	
5	70027352	1	O-Ring	
6	70027353	1	O-Ring	

FIGURE 5-32. FRONT TRANSMISSION CASE ASSEMBLY

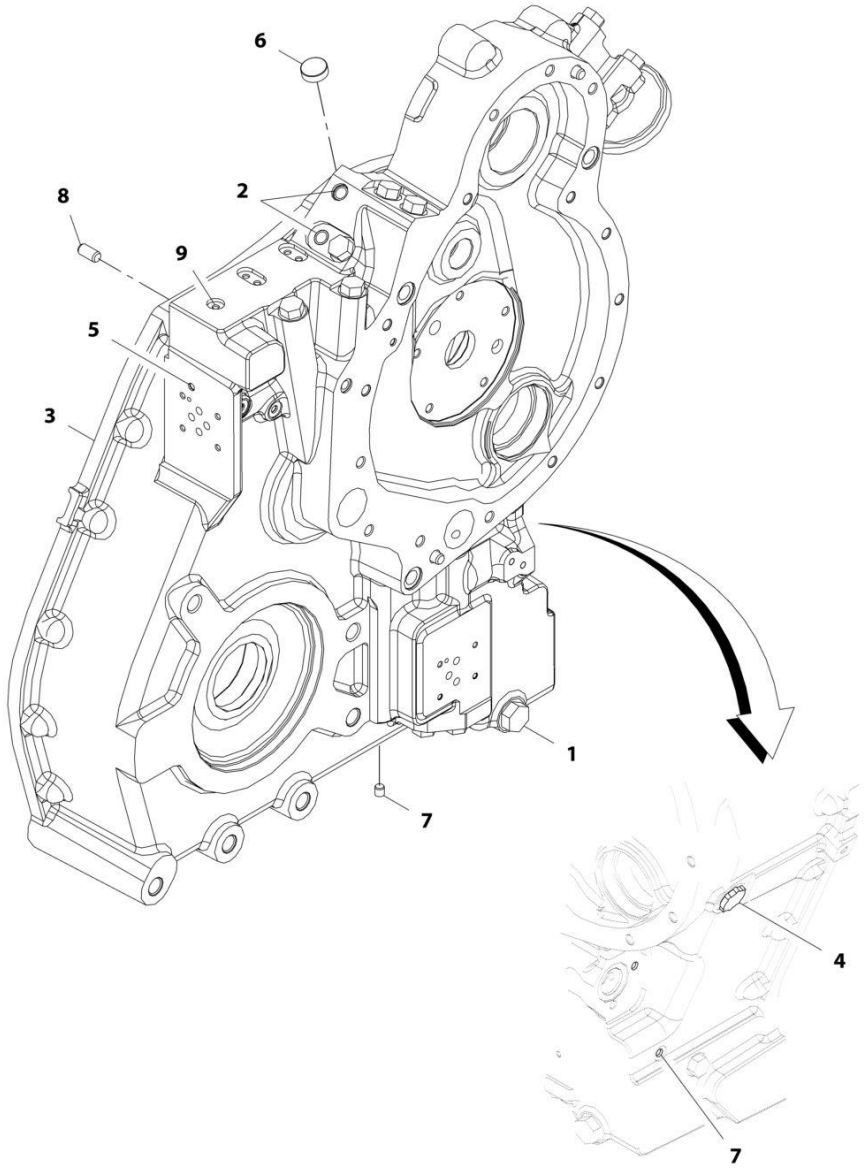
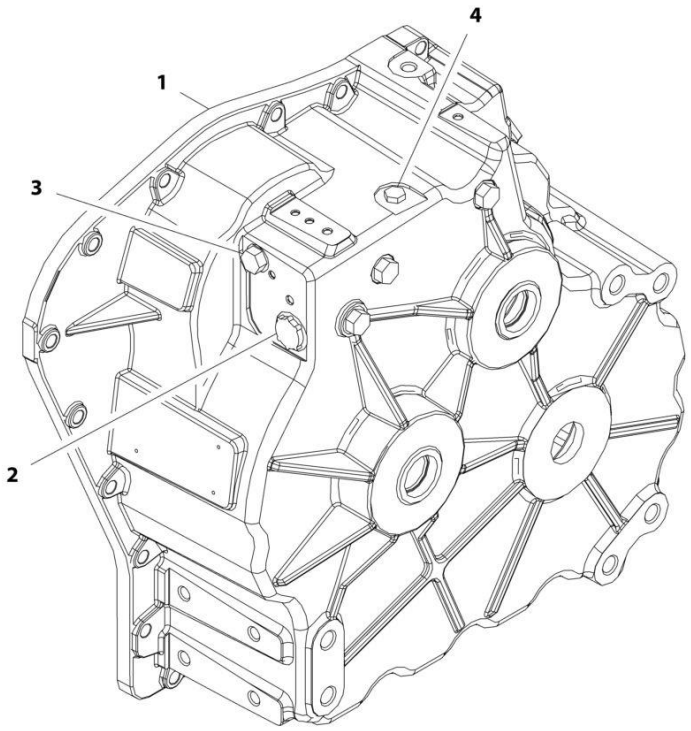


FIGURE 5-32. FRONT TRANSMISSION CASE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70025467	Ref	Front Transmission Case Assembly	
1	70024646	1	Plug	
2	70025471	2	Plug	
3	70027669	1	Case, Front Transmission	
	70027354	1	Adapter	
4	70027337	1	Plug	
5	70027338	4	Plug	
6	70024641	1	Cap	
7	70027339	3	Plug	
8	70025495	4	Dowel	
9	70027328	7	Plug	

FIGURE 5-33. REAR TRANSMISSION CASE ASSEMBLY

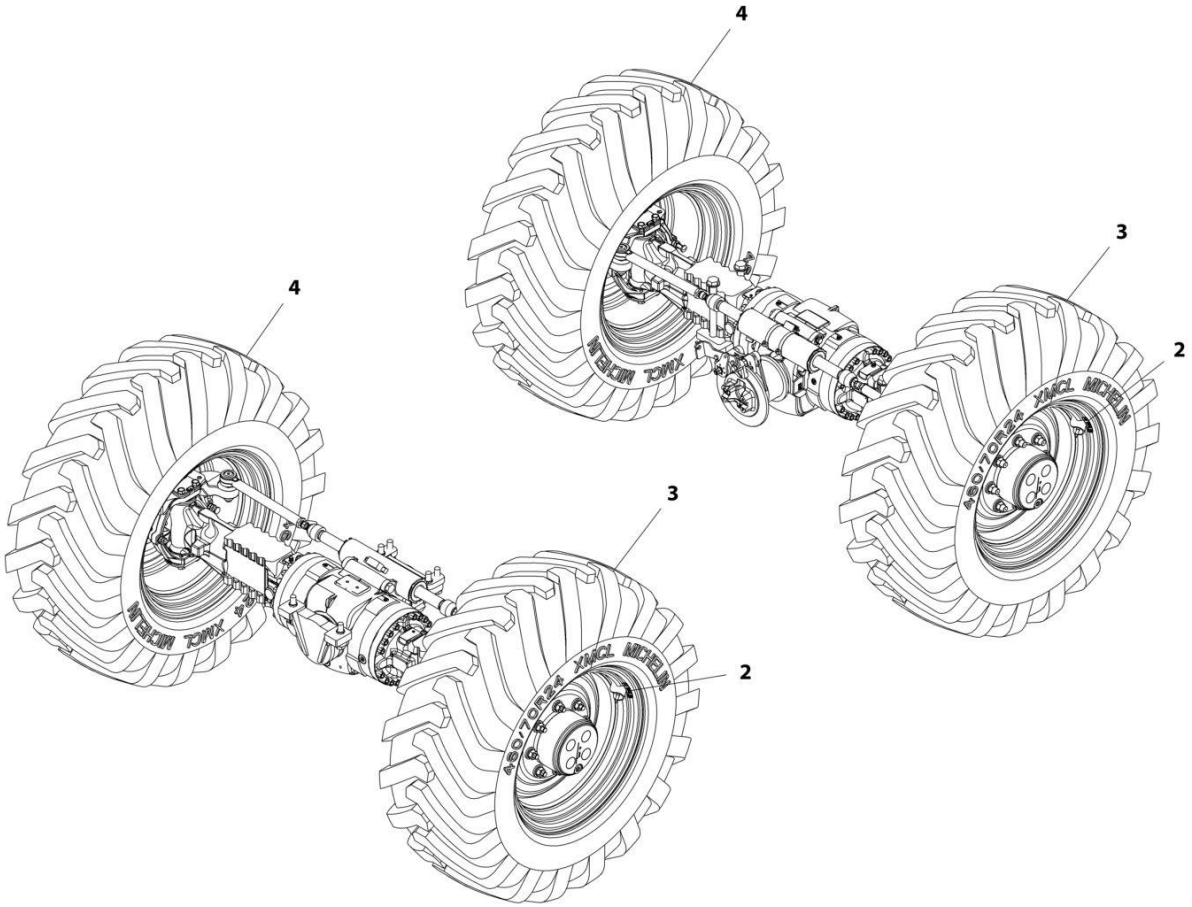


ART_70025430

FIGURE 5-33. REAR TRANSMISSION CASE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70025430	Ref	Rear Transmission Case Assembly	
1	70027366	1	Case, Rear Transmission	
	70027338	4	Plug	
	70027339	4	Plug	
2	70027337	1	Plug	
3	70027663	4	Assembly, Plug	
	70025525	1	O-Ring	
	70025524	1	Plug	
4	70025529	1	Plug	

FIGURE 5-34. TIRE/WHEEL SET (AIR - 460/70 R24 XMCL)

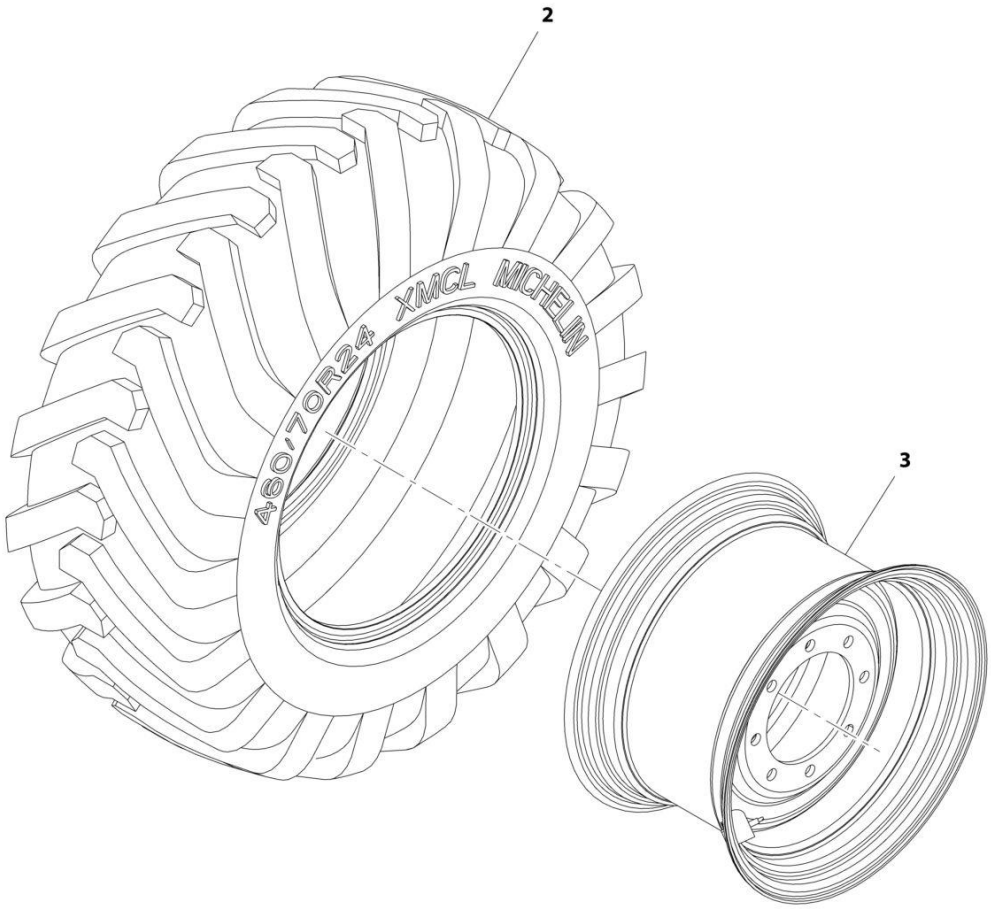


ART_1001142285-D

FIGURE 5-34. TIRE/WHEEL SET (AIR - 460/70 R24 XMCL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142285	1	Tire/Wheel Set (Air - 460/70 R24 XMCL)	D
2	8005827	4	Label	
3	1001142286	2	Assembly, Right Tire/Wheel (Air - 460/70 R24) (See Separate Breakdown in this Section)	
4	1001142287	2	Assembly, Left Tire/Wheel (Air - 460/70 R24) (See Separate Breakdown in this Section)	

FIGURE 5-35. RIGHT TIRE/WHEEL ASSEMBLY (AIR - 460/70 R24)



ART_1001142286-C

FIGURE 5-35. RIGHT TIRE/WHEEL ASSEMBLY (AIR - 460/70 R24)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142286	Ref	Right Tire/Wheel Assembly (Air - 460/70 R24)	C
2	1001092008	1	Tire, 460/70 R 24 XMCL	
3	1001212590	1	Wheel, RH Rim	

FIGURE 5-36. LEFT TIRE/WHEEL ASSEMBLY (AIR - 460/70 R24)

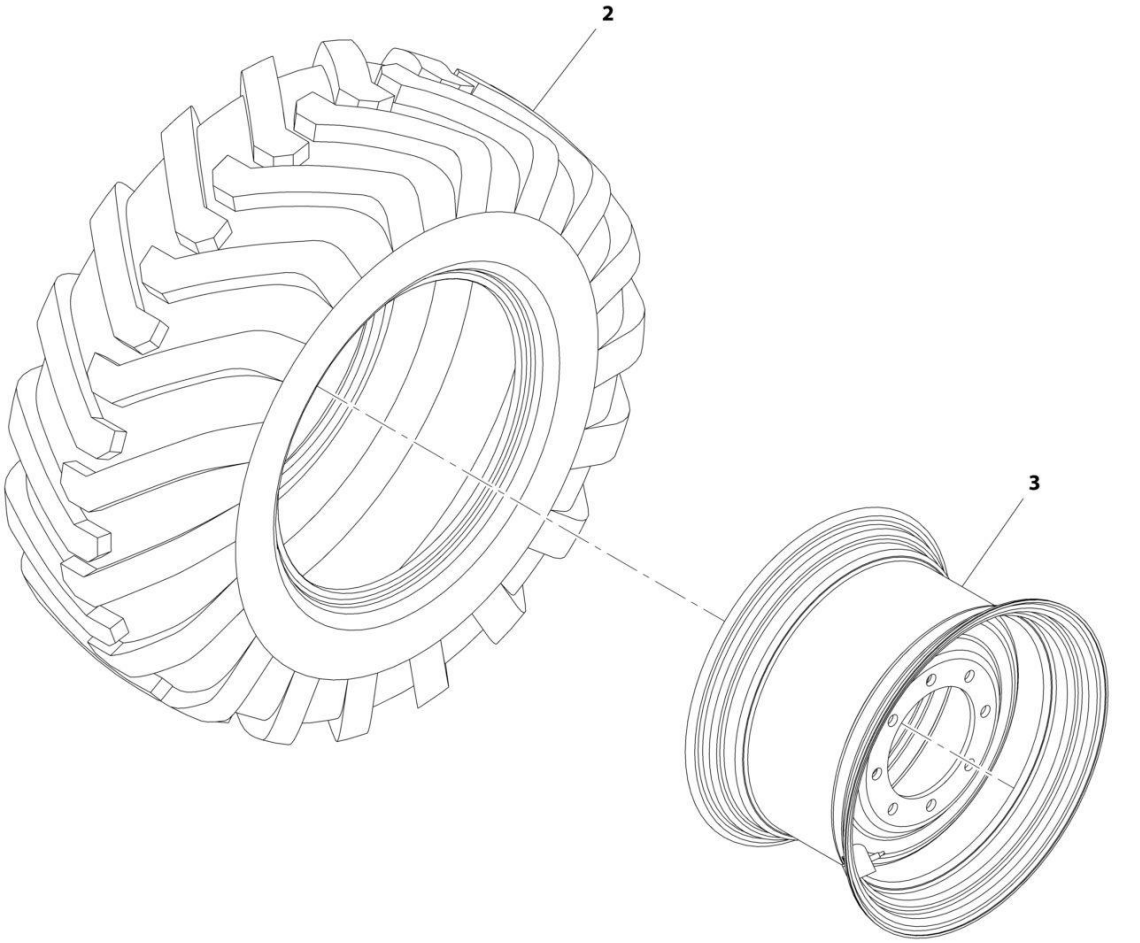


FIGURE 5-36. LEFT TIRE/WHEEL ASSEMBLY (AIR - 460/70 R24)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142287	Ref	Left Tire/Wheel Assembly (Air - 460/70 R24)	C
2	1001092008	1	Tire, 460/70 R 24 XMCL	
3	1001212591	1	Wheel, LH Rim	

FIGURE 5-37. TIRE/WHEEL SET (AIR - 500/70 R24 XMCL)

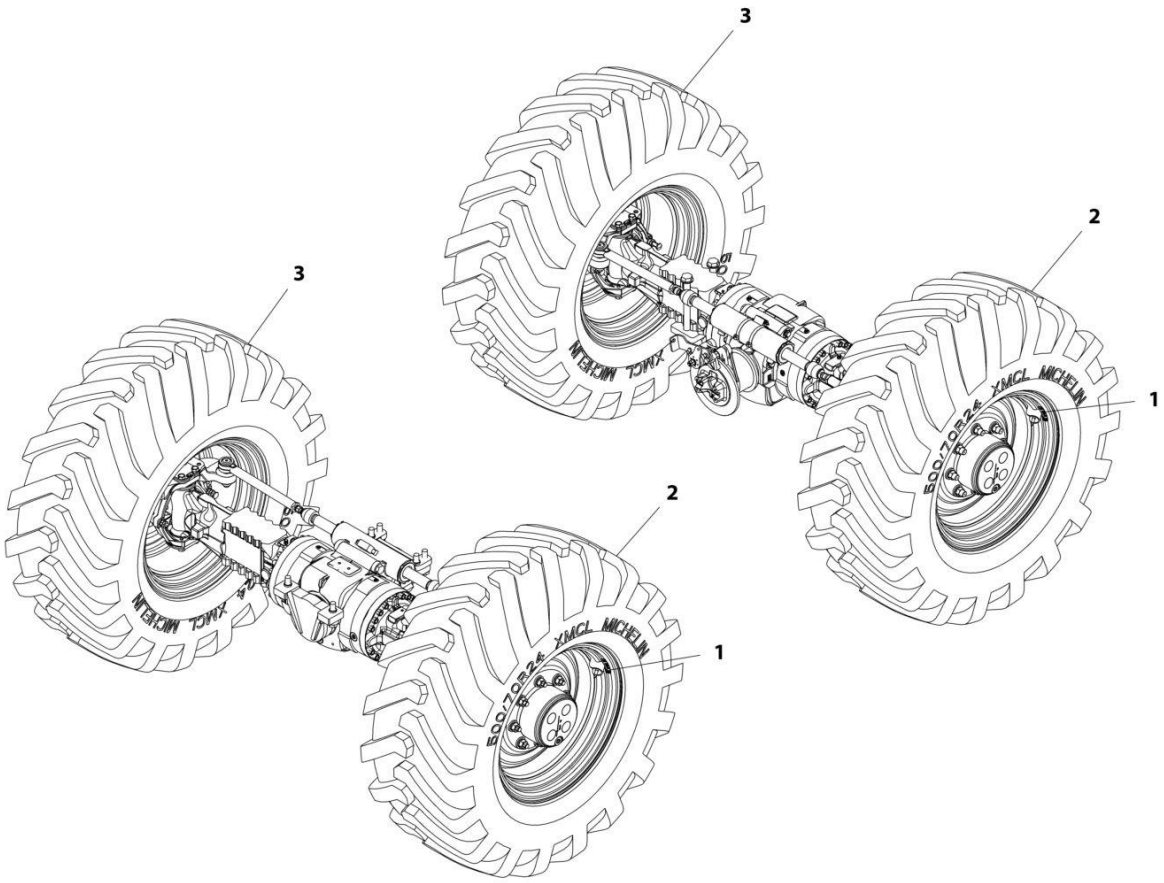


FIGURE 5-37. TIRE/WHEEL SET (AIR - 500/70 R24 XMCL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142288	1	Tire/Wheel Set (Air - 500/70 R24 XMCL)	D
1	1001127728	4	Decal	
2	1001142289	2	Assembly, Right Tire/Wheel (Air - 500/70 R24) (See Separate Breakdown in this Section)	
3	1001142290	2	Assembly, Left Tire/Wheel (Air - 500/70 R24) (See Separate Breakdown in this Section)	

FIGURE 5-38. RIGHT TIRE/WHEEL ASSEMBLY (AIR - 500/70 R24)

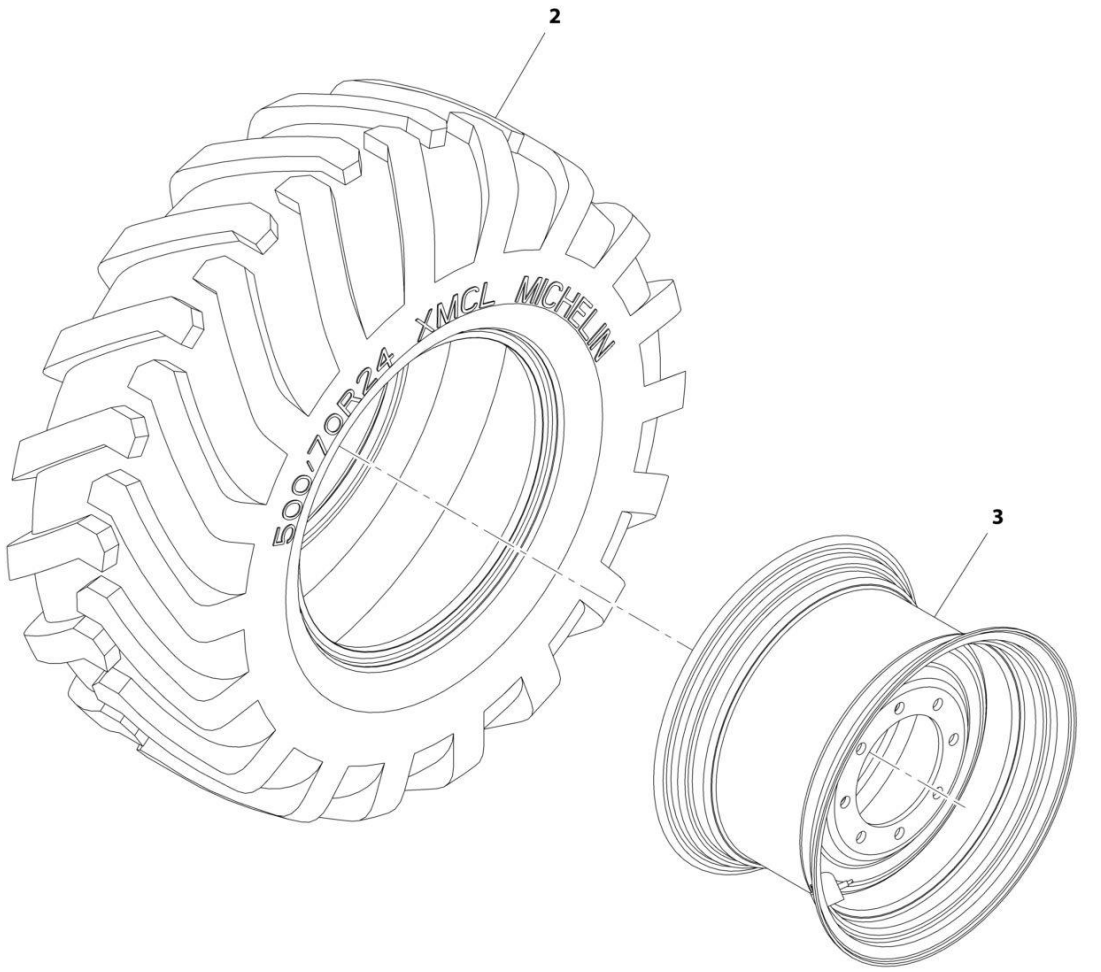


FIGURE 5-38. RIGHT TIRE/WHEEL ASSEMBLY (AIR - 500/70 R24)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142289	Ref	Right Tire/Wheel Assembly (Air - 500/70 R24)	B
2	1001092009	1	Tire, 500/70 R 24 XMCL	
3	1001212598	1	Wheel, RH Rim	

FIGURE 5-39. LEFT TIRE/WHEEL ASSEMBLY (AIR - 500/70 R24)

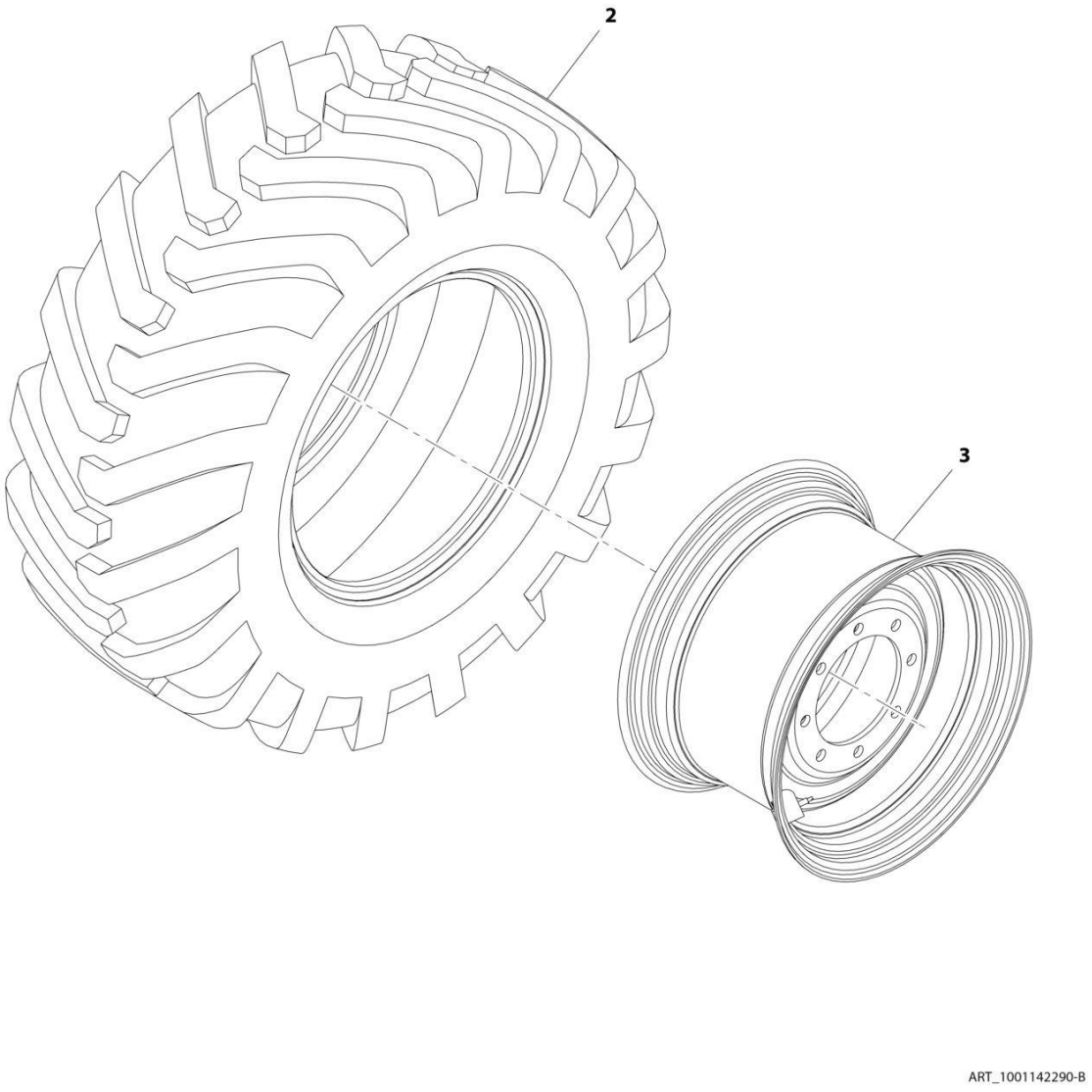
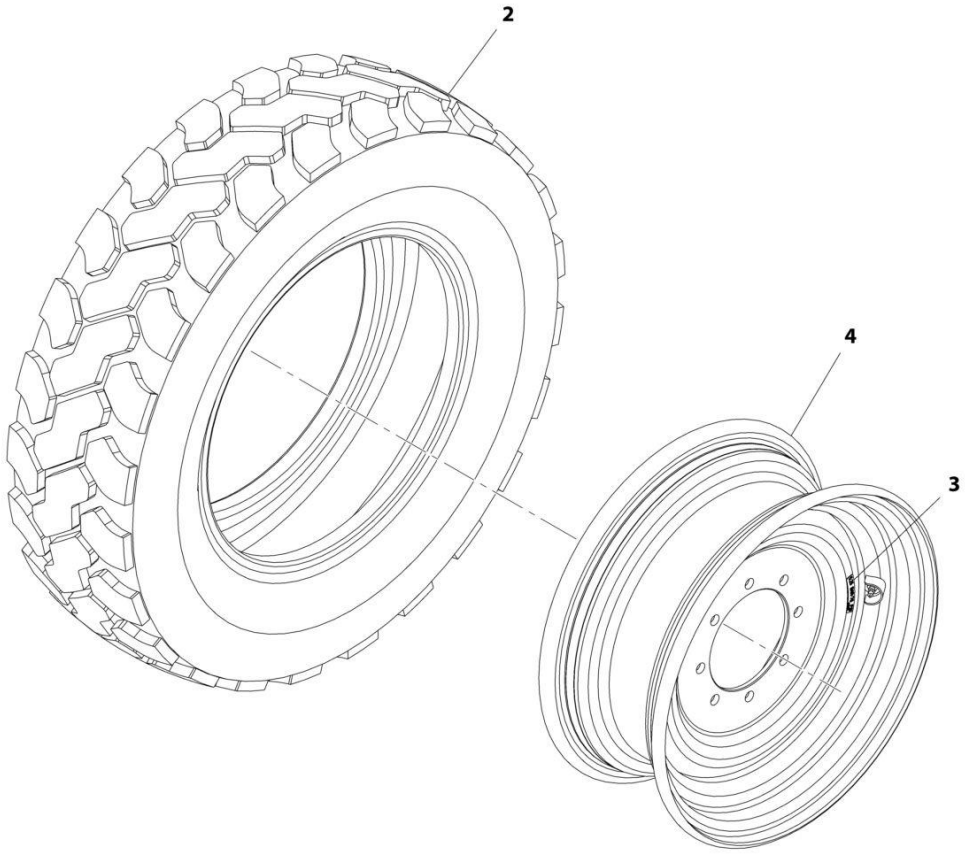


FIGURE 5-39. LEFT TIRE/WHEEL ASSEMBLY (AIR - 500/70 R24)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142290	Ref	Left Tire/Wheel Assembly (Air - 500/70 R24)	B
2	1001092009	1	Tire, 500/70 R 24 XMCL	
3	1001212599	1	Wheel, LH Rim	

FIGURE 5-40. TIRE/WHEEL ASSEMBLY (AIR - 370/75-28)



ART_1001196385-B

FIGURE 5-40. TIRE/WHEEL ASSEMBLY (AIR - 370/75-28)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196385	Ref	Tire/Wheel Assembly (Air - 370/75-28 14PR)	B
2	1001100284	1	Tire, 370/75-28	
3	1001112923	1	Decal	
4	1001219857	1	Wheel, Rim	

FIGURE 5-41. FENDER INSTALLATION

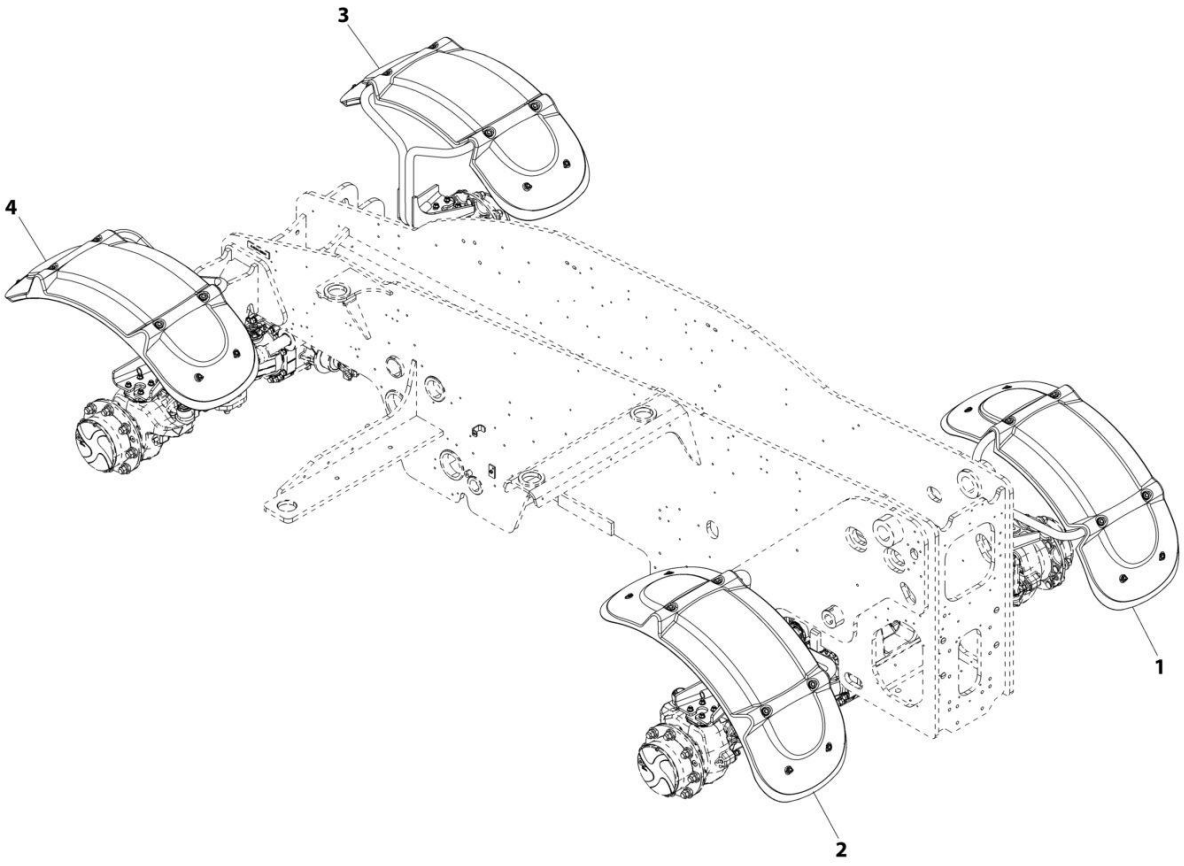


FIGURE 5-41. FENDER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248161	Ref	Fender Installation	A
1	1001243433	1	Assembly, Fender (RR-RH) (See Separate Breakdown in this Section)	
2	1001243435	1	Assembly, Fender (RR-LH) (See Separate Breakdown in this Section)	
3	1001250416	1	Assembly, Fender (FRT-RH) (See Separate Breakdown in this Section)	
4	1001250417	1	Assembly, Fender (FRT-LH) (See Separate Breakdown in this Section)	

FIGURE 5-42. FENDER ASSEMBLY (RR-RH)

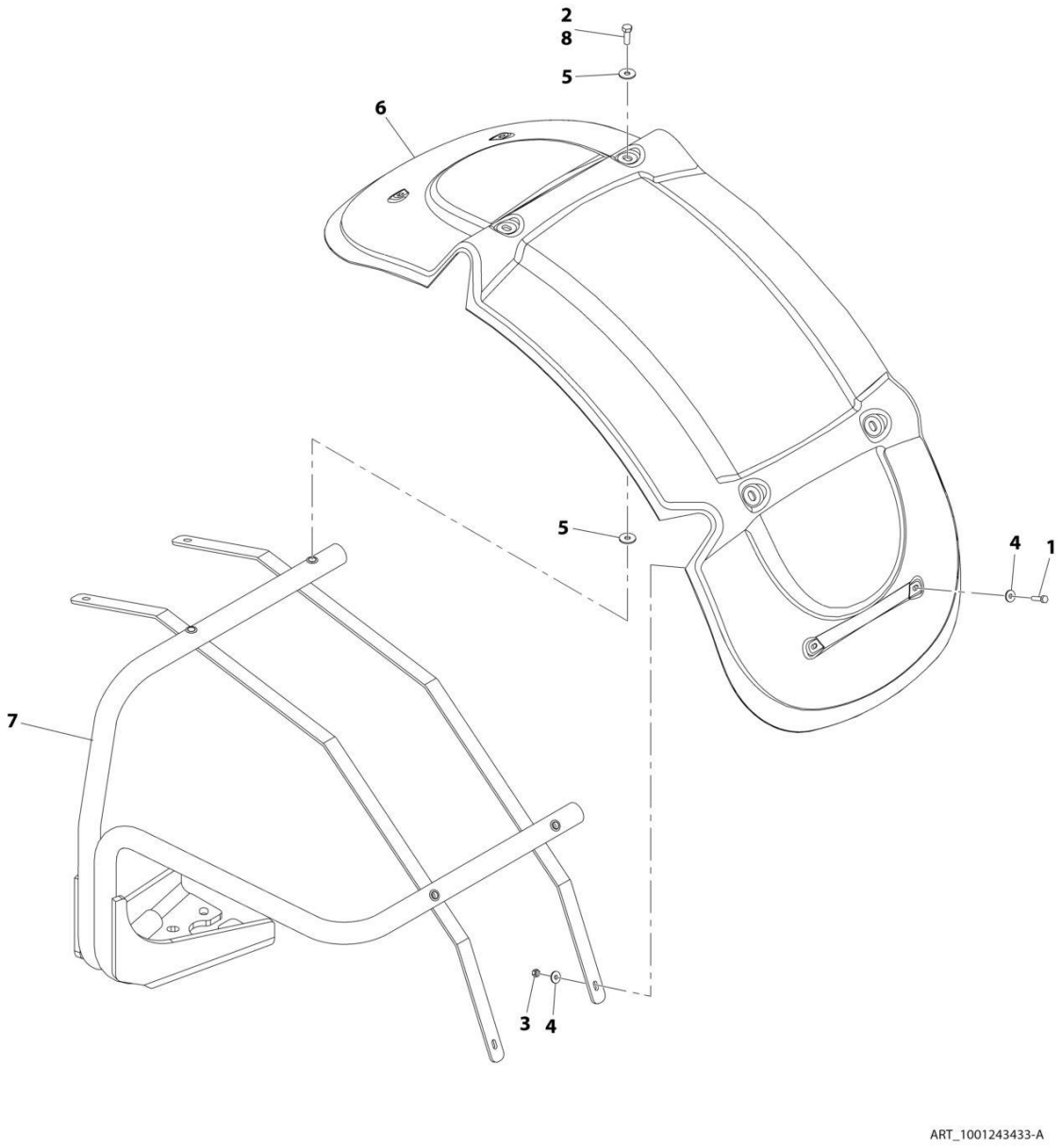


FIGURE 5-42. FENDER ASSEMBLY (RR-RH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001243433	Ref	Fender Assembly (Standard)	A
1	0700612	4	Bolt, M6X25	
2	0760812	4	Bolt, M8X25	
3	3290605	4	Nut M6	
4	4811702	8	Washer, M6	
5	4811902	8	Washer, M8	
6	1001100845	1	Fender	
7	1001243434	1	Fender assembly	
8	1001095650	AR	Adhesive	

FIGURE 5-43. FENDER ASSEMBLY (RR-LH)

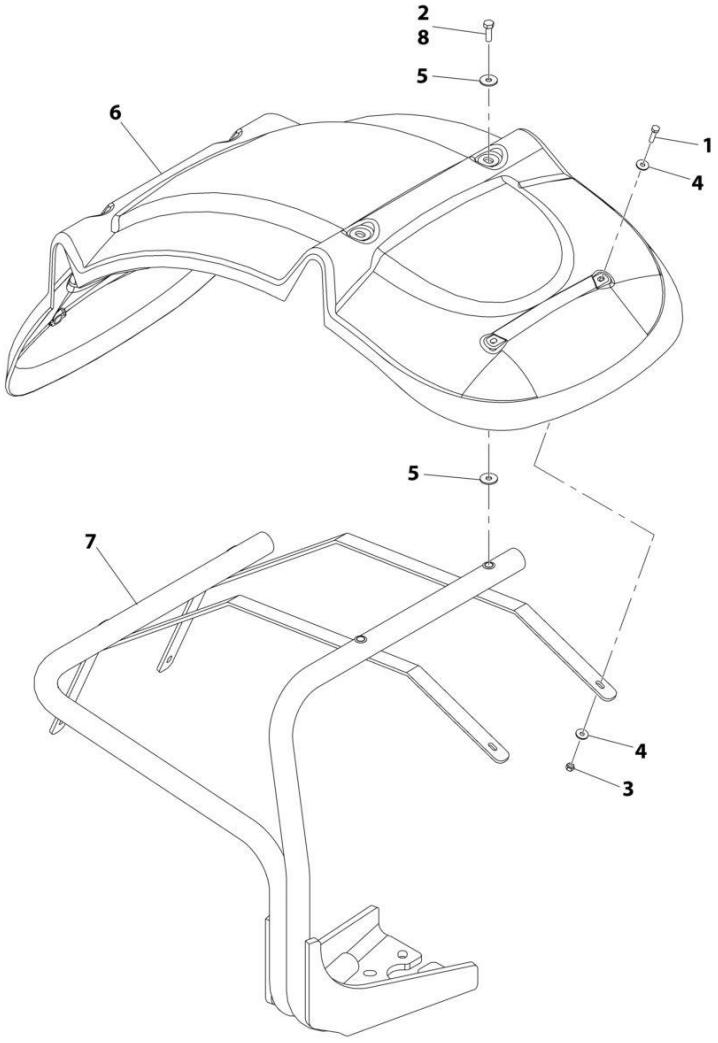


FIGURE 5-43. FENDER ASSEMBLY (RR-LH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001243435	Ref	Fender Assembly (Standard)	A
1	0700612	4	Bolt, M6X25	
2	0760812	4	Bolt, M8X25	
3	3290605	4	Nut M6	
4	4811702	8	Washer, M6	
5	4811902	8	Washer, M8	
6	1001100845	1	Fender	
7	1001243436	1	Fender Assembly	
8	1001095650	AR	Adhesive	

FIGURE 5-44. FENDER ASSEMBLY (FRT-RH)

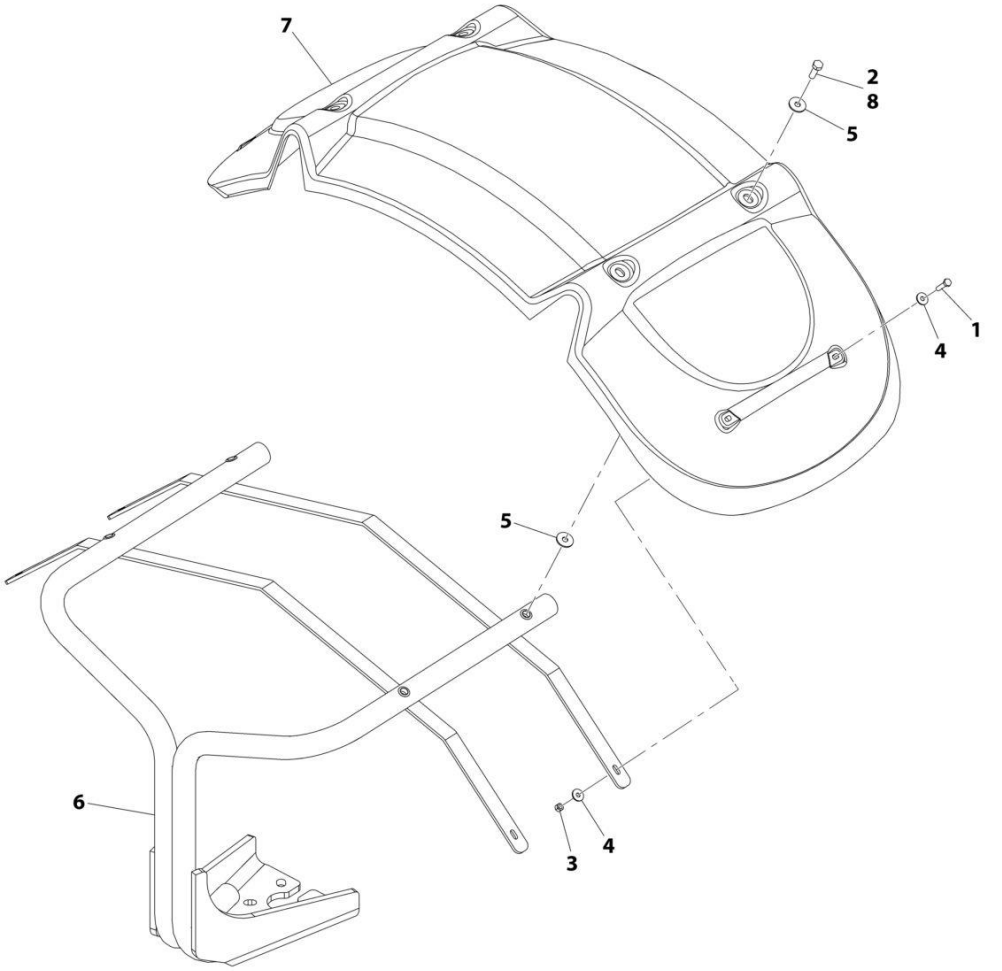


FIGURE 5-44. FENDER ASSEMBLY (FRT-RH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250416	Ref	Fender Assembly (Standard)	A
1	0700612	4	Bolt, M6X25	
2	0760812	4	Bolt, M8X25	
3	3290605	4	Nut M6	
4	4811702	8	Washer, M6	
5	4811902	8	Washer, M8	
6	1001248760	1	Fender Assembly	
7	1001250421	1	Fender	
8	1001095650	AR	Adhesive	

FIGURE 5-45. FENDER ASSEMBLY (FRT-LH)

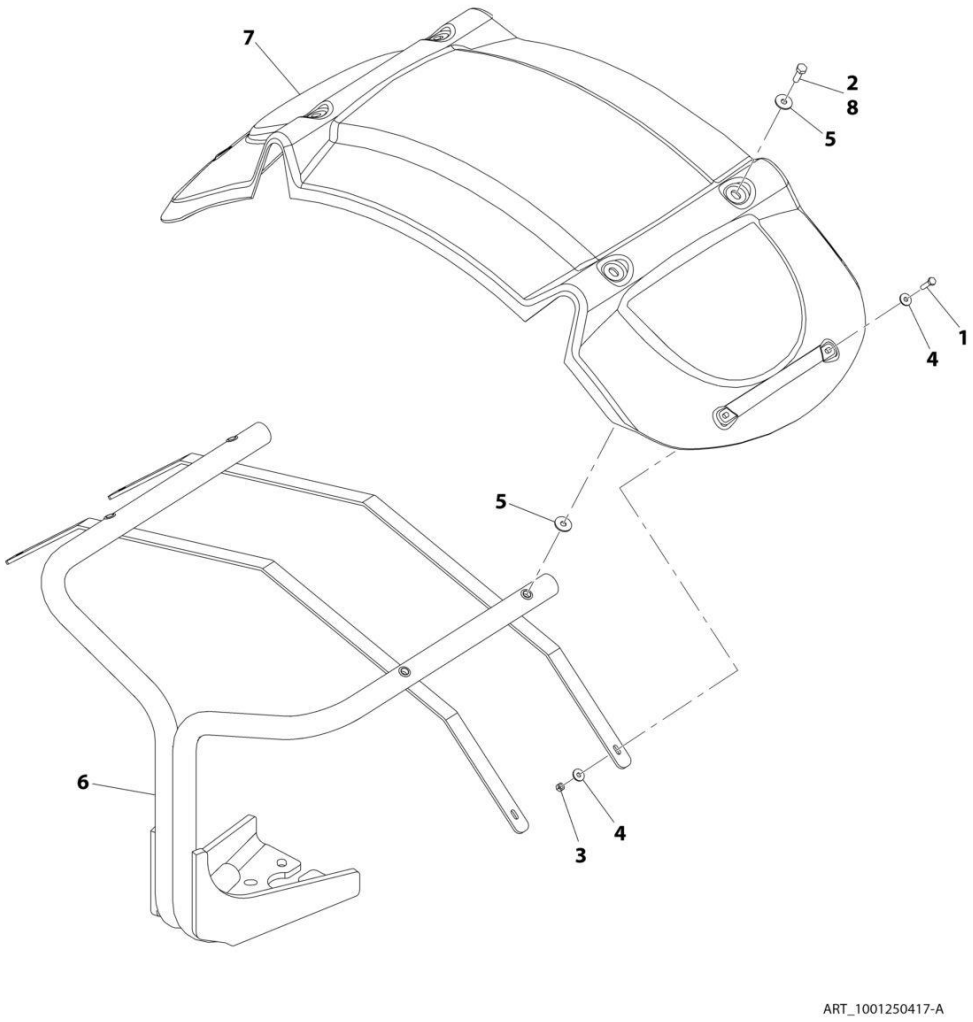


FIGURE 5-45. FENDER ASSEMBLY (FRT-LH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250417	Ref	Fender Assembly (Standard)	A
1	0700612	4	Bolt, M6X25	
2	0760812	4	Bolt, M8X25	
3	3290605	4	Nut M6	
4	4811702	8	Washer, M6	
5	4811902	8	Washer, M8	
6	1001248760	1	Fender Assembly	
7	1001250420	1	Fender	
8	1001095650	AR	Adhesive	

SECTION 6 - CAB

FIGURE 6-1. CAB MOUNTS INSTALLATION

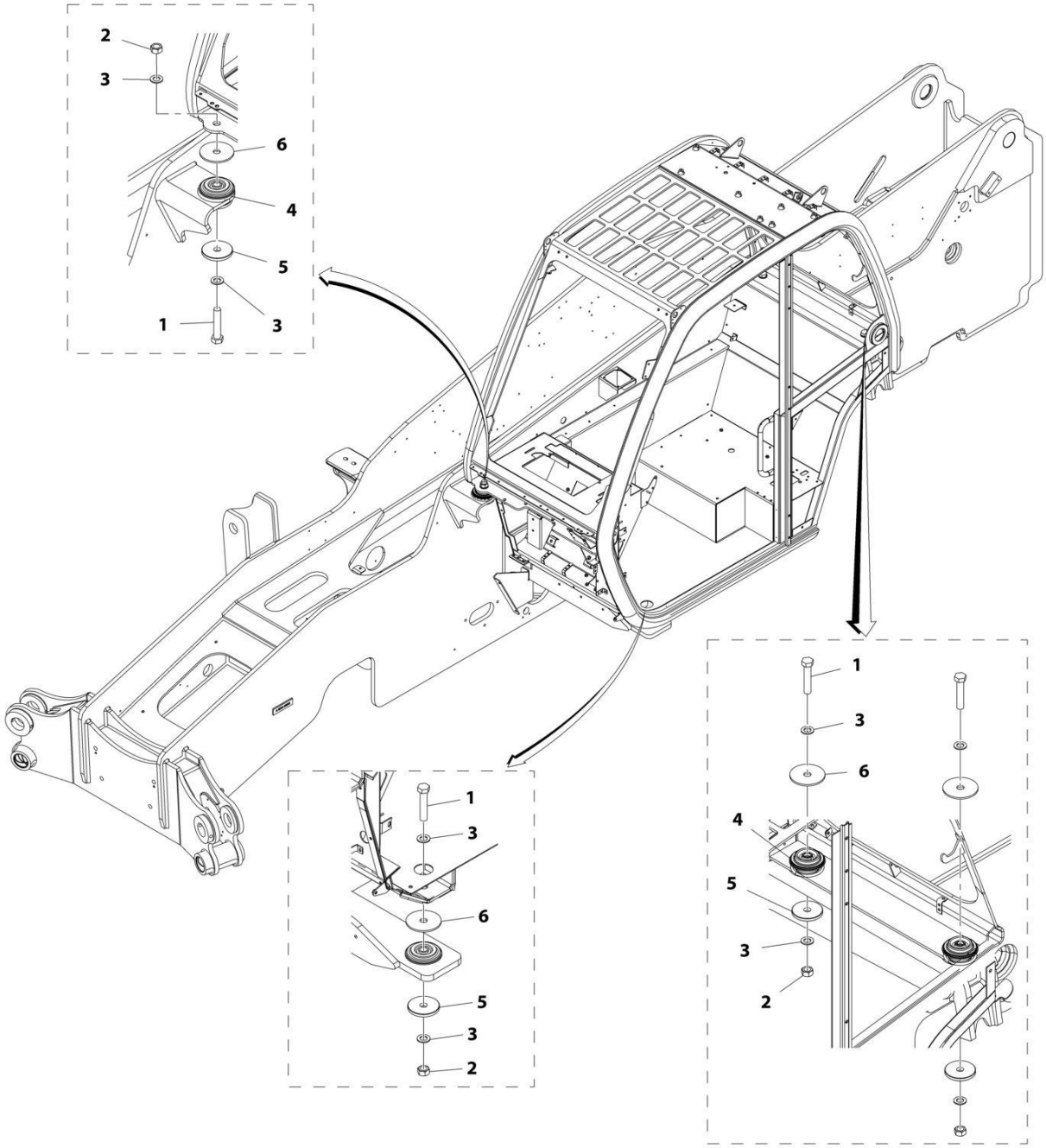


FIGURE 6-1. CAB MOUNTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155446	Ref	Cab Mounts Installation	E
1	0712027	4	Bolt, M20X100	
2	3332011	4	Nut, M20X2.5	
3	4812500	8	Washer, M20	
4	1001166754	4	Mount, Cab Isolation	
5	1001166755	4	Washer, Cab Rebound	
6	1001220540	4	Washer, Cab Mount	

FIGURE 6-2. ENCLOSED CAB INSTALLATION

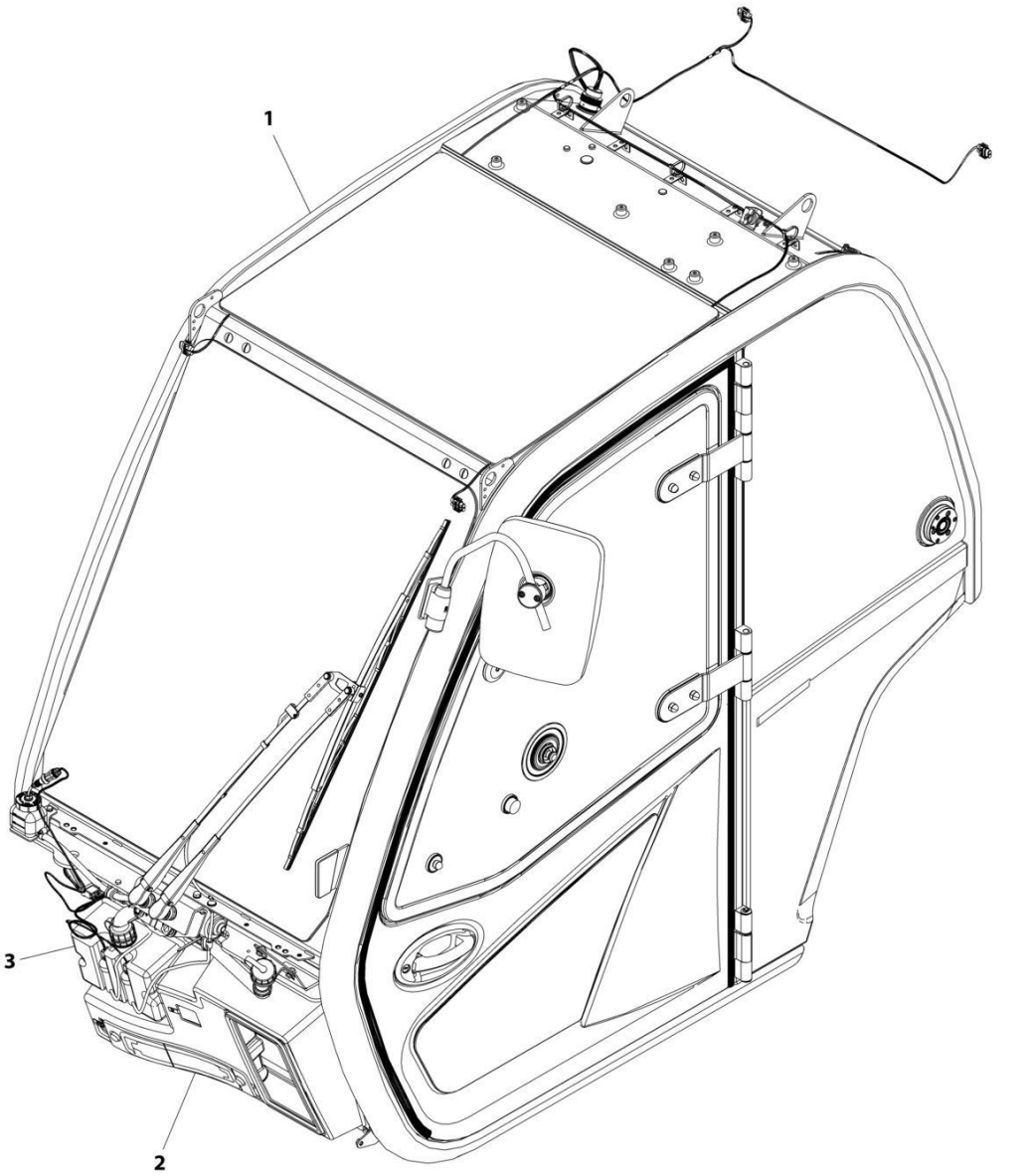


FIGURE 6-2. ENCLOSED CAB INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202086	Ref	Enclosed Cab Installation	D
1	1001196531	Ref	Assembly, Enclosed Cab (JLG) (See Separate Breakdown in this Section)	
2	1001170366	Ref	Installation, Front Cover (See Separate Breakdown in this Section)	
3	1001201027	Ref	Installation, Washer Tank (See Separate Breakdown in this Section)	

FIGURE 6-3. ENCLOSED CAB ASSEMBLY

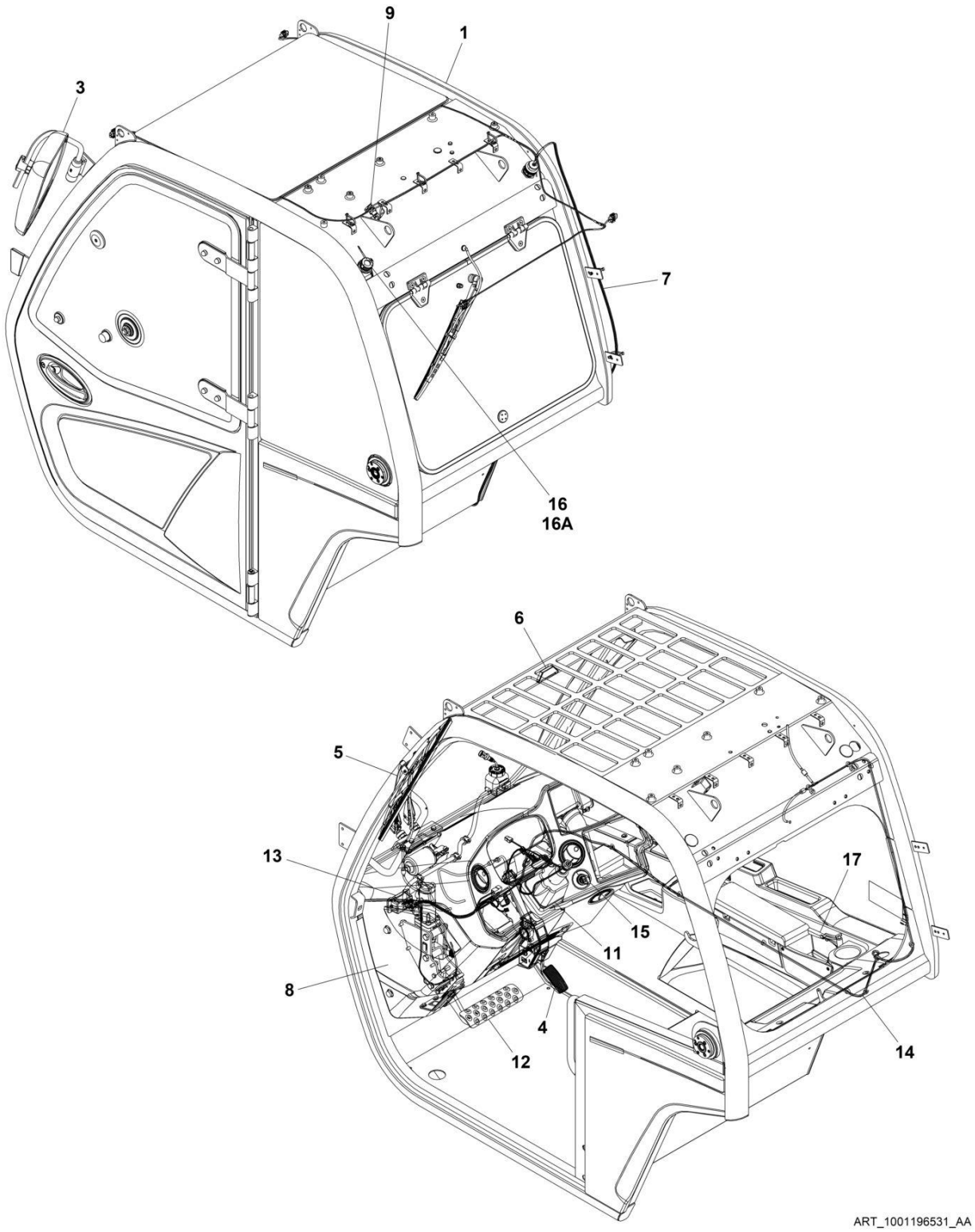


FIGURE 6-3. ENCLOSED CAB ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196531	Ref	ENCLOSED CAB ASSEMBLY	AA
1	1001168152	Ref	Group, Enclosed Cab (JLG) (See Separate Breakdown in this Section)	
3	1001230435	Ref	Installation, Interior Mirror (See Separate Breakdown in this Section)	
4	1001161499	Ref	Installation, Accelerator Pedal (See Separate Breakdown in CONTROLS Section)	
5	1001155447	Ref	Installation, Front Wiper (See Separate Breakdown in this Section)	
6	1001172401	Ref	Installation, Level Indicator (See Separate Breakdown in this Section)	
7	1001271363	Ref	Installation, Cab Electrical (See Separate Breakdown in ELECTRICAL Section)	
8	1001167981	Ref	Installation, Enclosed Cab Trim (See Separate Breakdown in this Section)	
9	1001218856	Ref	Installation, Beacon Bracket (See Separate Breakdown in this Section)	
11	1001229534	Ref	Installation, Steering Column Tilt (See Separate Breakdown in CONTROLS Section)	
12	1001188262	Ref	Installation, Brake Pedal (See Separate Breakdown in this Section)	
13	1001201340	Ref	Installation, Cab Heater Harness (See Separate Breakdown in ELECTRICAL Section)	
14	1001201520	Ref	Installation, Washer Hoses (See Separate Breakdown in this Section)	
15	1001208518	Ref	Installation, Ignition Switch (JLG) (See Separate Breakdown in ELECTRICAL Section)	
16	1001201161	Ref	Installation, Telematics Cap	
16A	1001201162	1	Cap	
17	1001210628	Ref	Installation, Hammer (See Separate Breakdown in this Section)	

FIGURE 6-4. ENCLOSED CAB GROUP

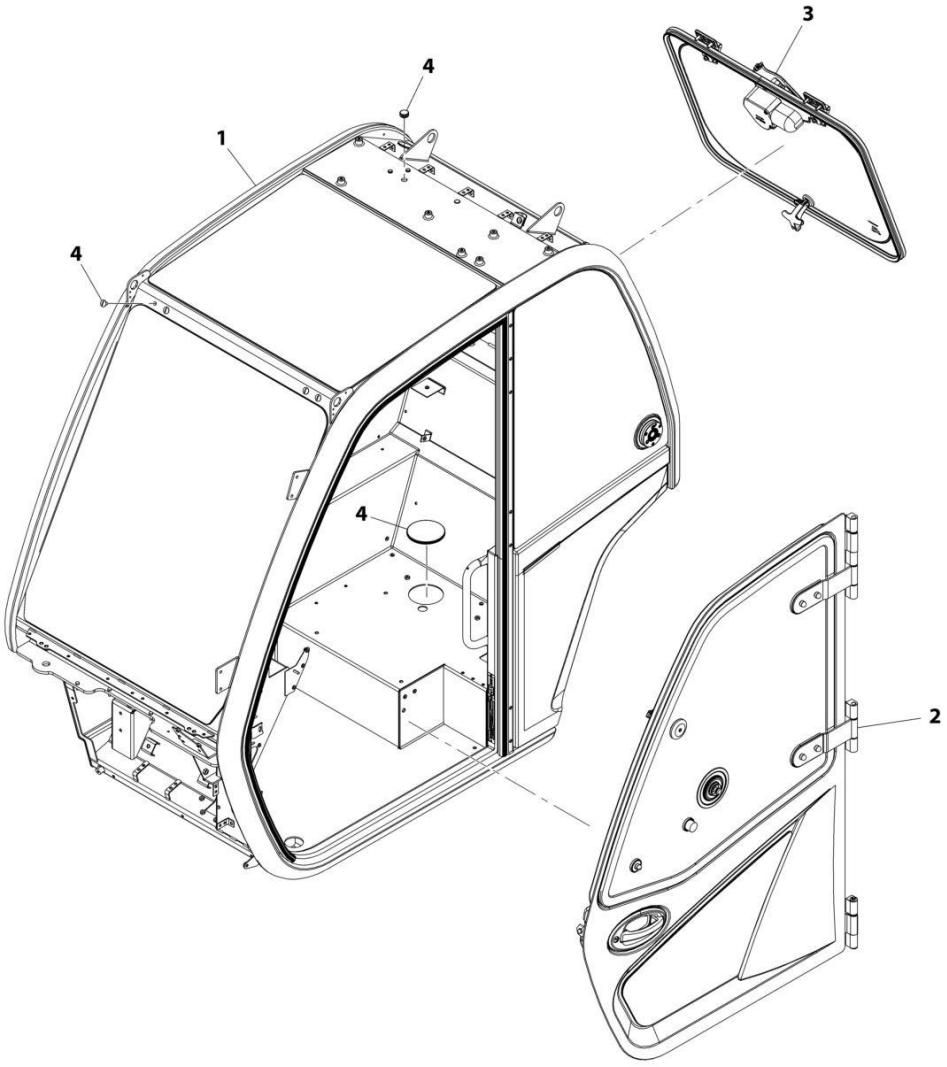


FIGURE 6-4. ENCLOSED CAB GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168152	Ref	Enclosed Cab Group	I
1	1001173641	Ref	Cab, Enclosed (JLG) (See Separate Breakdown in this Section)	
2	1001155228	Ref	Installation, Door (JLG) (See Separate Breakdown in this Section)	
3	1001178678	Ref	Installation, Rear Window (See Separate Breakdown in this Section)	
4	1001170603	Ref	Group, Enclosed Cab Plug (See Separate Breakdown in this Section)	

FIGURE 6-5. ENCLOSED CAB

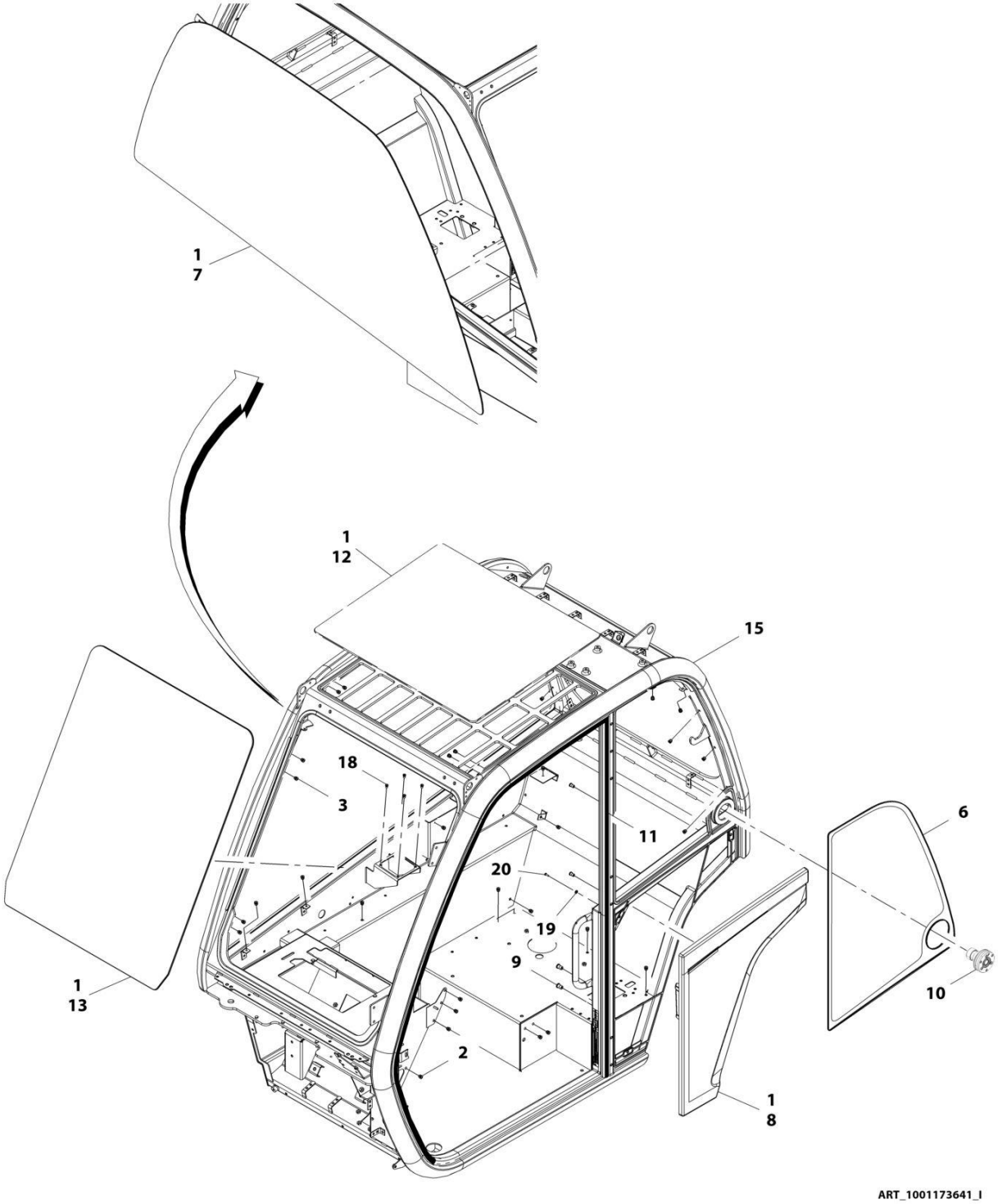


FIGURE 6-5. ENCLOSED CAB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173641	Ref	Enclosed Cab	I
1	1001111317	AR	Compound, Locking	
2	2080086	27	Rivnut, M6X1	
3	2080087	16	Rivnut, M8X1.25	
6	1001152915	1	Glass, LH Screen	
7	1001152947	1	Glass, RH Screen	
8	1001229319	1	Panel, Cab Quarter	
9	1001172193	2	Rivnut, M5X0.8	
10	1001174320	1	Latch, Top Window	
11	1001227186	1	Seal, Cab Door	
12	1001178159	1	Glass, Roof Laminated	
13	1001178160	1	Glass, Front Laminated	
	1001225177	1	Weldment, Cab	
18	1001195878	7	Rivnut, M5X0.8	
19	4811700	3	Washer, M6	
20	0750804	3	Screw	

FIGURE 6-6. DOOR INSTALLATION

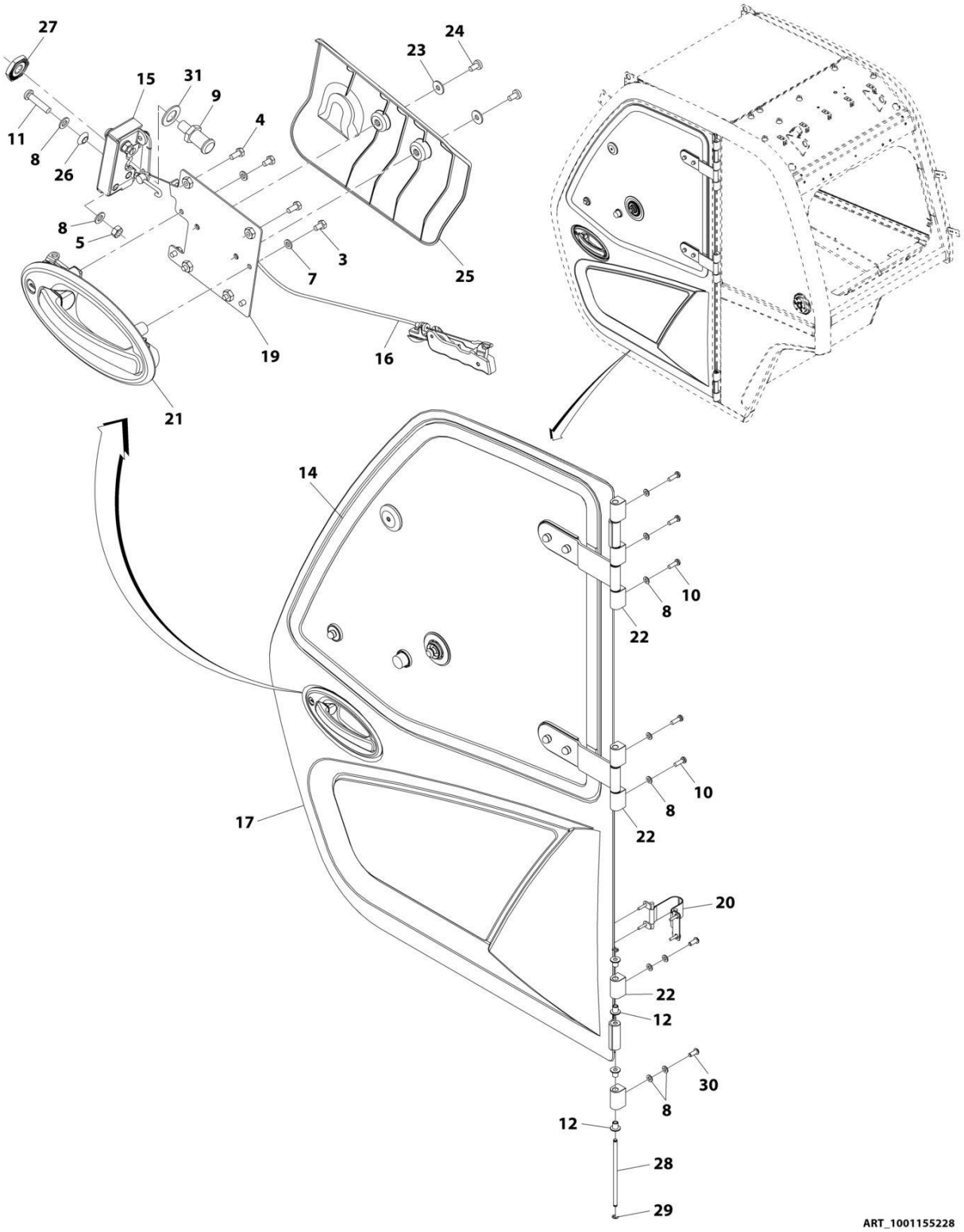


FIGURE 6-6. DOOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155228	Ref	Door Installation	Q
3	0760605	4	Bolt, M6X10	
4	0760607	4	Bolt, M6X14	
5	3290801	2	Nut, M8X1.25 Grade 8	
7	4811700	4	Washer, M6	
8	4811900	13	Washer, M8	
9	8000803	1	Pin, Door Striker	
10	1001008988	5	Screw M8X25	
11	1001047062	2	Screw, M8X35	
12	1001107192	10	Sleeve, Hinge	
14	1001205532	1	Assembly, Door Upper Glass (See Separate Breakdown in this Section)	
15	1001192766	1	Assembly, Cab Latch (See Separate Breakdown in this Section)	
16	1001167958	1	Assembly, Cab Door Trigger (See Separate Breakdown in this Section)	
17	1001170114	1	Assembly, Door (See Separate Breakdown in this Section)	
19	1001173298	1	Bracket	
20	1001174295	1	Installation, Door Strap (See Separate Breakdown in this Section)	
21	1001192646	1	Handle, Exterior Door	
22	1001229543	7	Block, Hinge (Rounded Top/Bottom Edge)	
22	1001170601J	7	Block, Hinge (Square Top/Bottom Edge)	
23	4811702001	2	Washer, M6	
24	4010608002	2	Screw, Posi-Drive, M6X16	
25	1001175477	1	Cover, Cab Door Interior	
26	1001184439	2	Bushing	
27	1001192309	1	Nut, M12X1	
28	1001213791	1	Pin	
29	0498748	2	Washer, Lock M7	
30	1001164726	2	Bolt, M8X20	
31	1001227802	1	Washer	

FIGURE 6-7. DOOR UPPER GLASS ASSEMBLY

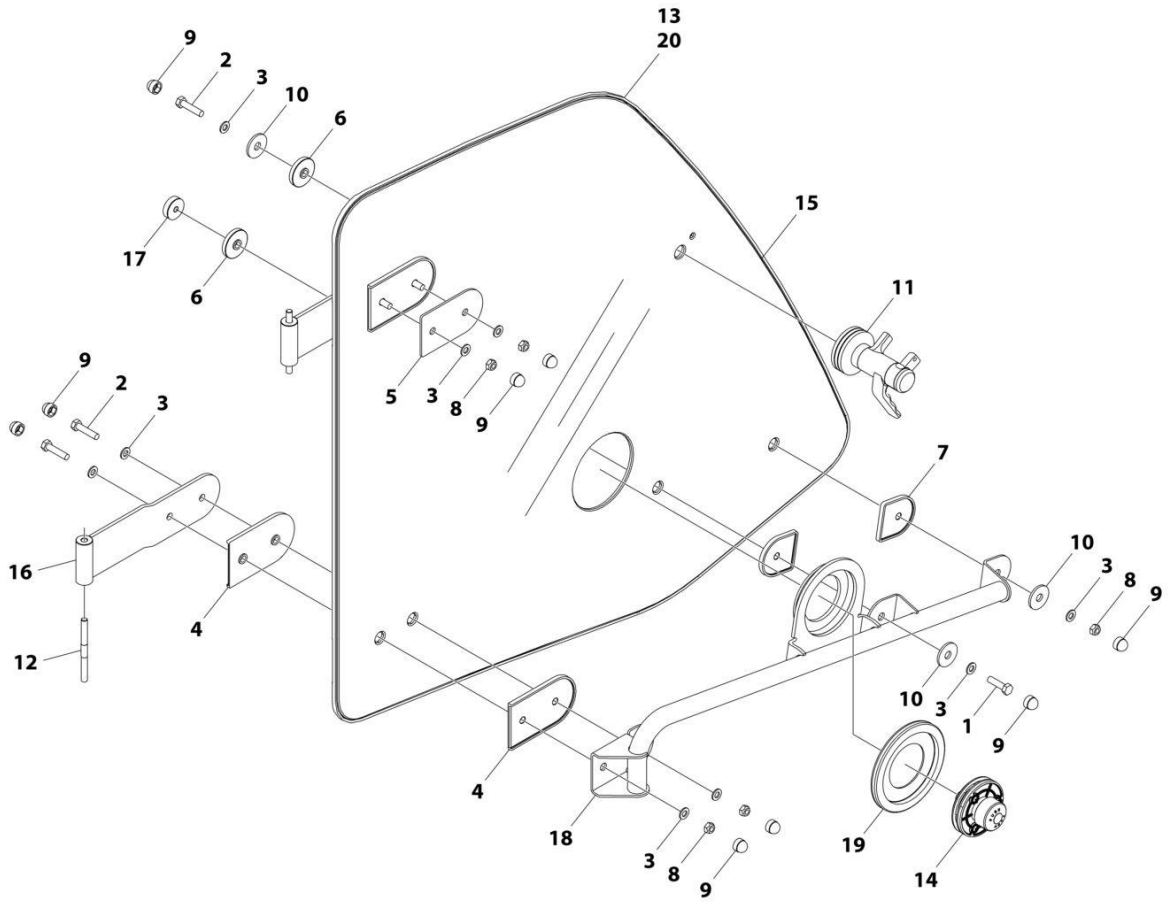
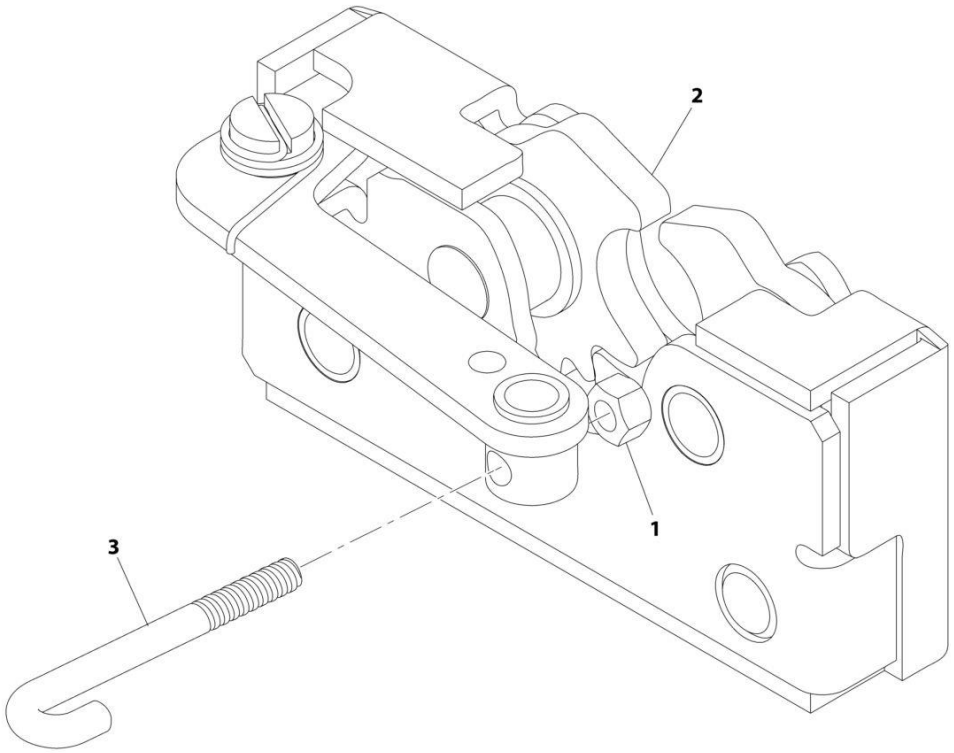


FIGURE 6-7. DOOR UPPER GLASS ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205532	Ref	Door Upper Glass Assembly	G
1	0760812	1	Bolt, M8X25	
2	0760815	5	Bolt, M8X35	
3	4811900	11	Washer, 8MM	
4	1001002946	4	Mount, Hinge	
5	1001002947	1	Mount, Hinge	
6	1001002953	2	Mount, Rubber	
7	1001002957	2	Mount, Latch	
8	1001008857	5	Nut, Lock	
9	1001096365	11	Cap, M8	
10	1001141246	3	Mount, Rubber	
11	1001165275	1	Latch, Window	
12	1001166634	2	Pin, Hinge	
13	1001170944	1	Panel, Window Surround	
14	1001174321	1	Striker, Top Window	
15	1001204066	1	Glass, Window	
16	1001204115	2	Hinge	
17	1001222741	1	Buffer, Cab	
18	1001204120	1	Handle	
19	1001213331	1	Gasket	
20	1001215531	AR	Adhesive	

FIGURE 6-8. CAB LATCH ASSEMBLY



ART_1001192766-B

FIGURE 6-8. CAB LATCH ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192766	Ref	Cab Latch Assembly	B
1	3290405	1	Nut, M4X0.7 Grade 8	
2	1001192643	1	Latch	
3	1001241308	1	Link, Door Handle	

FIGURE 6-9. CAB DOOR TRIGGER ASSEMBLY

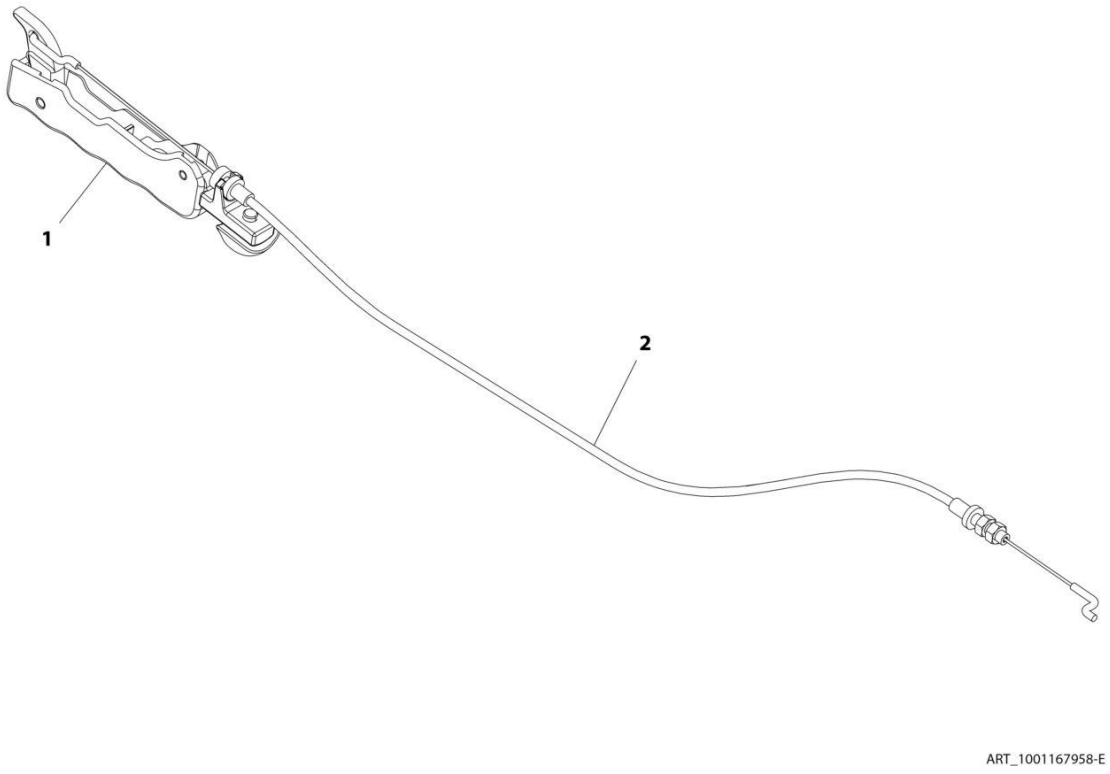


FIGURE 6-9. CAB DOOR TRIGGER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167958	Ref	Cab Door Trigger Assembly	E
1	1001167937	1	Trigger, Cab Interior Release	
2	1001192644	1	Cable, Cab Latch Release	

FIGURE 6-10. DOOR ASSEMBLY (AG)

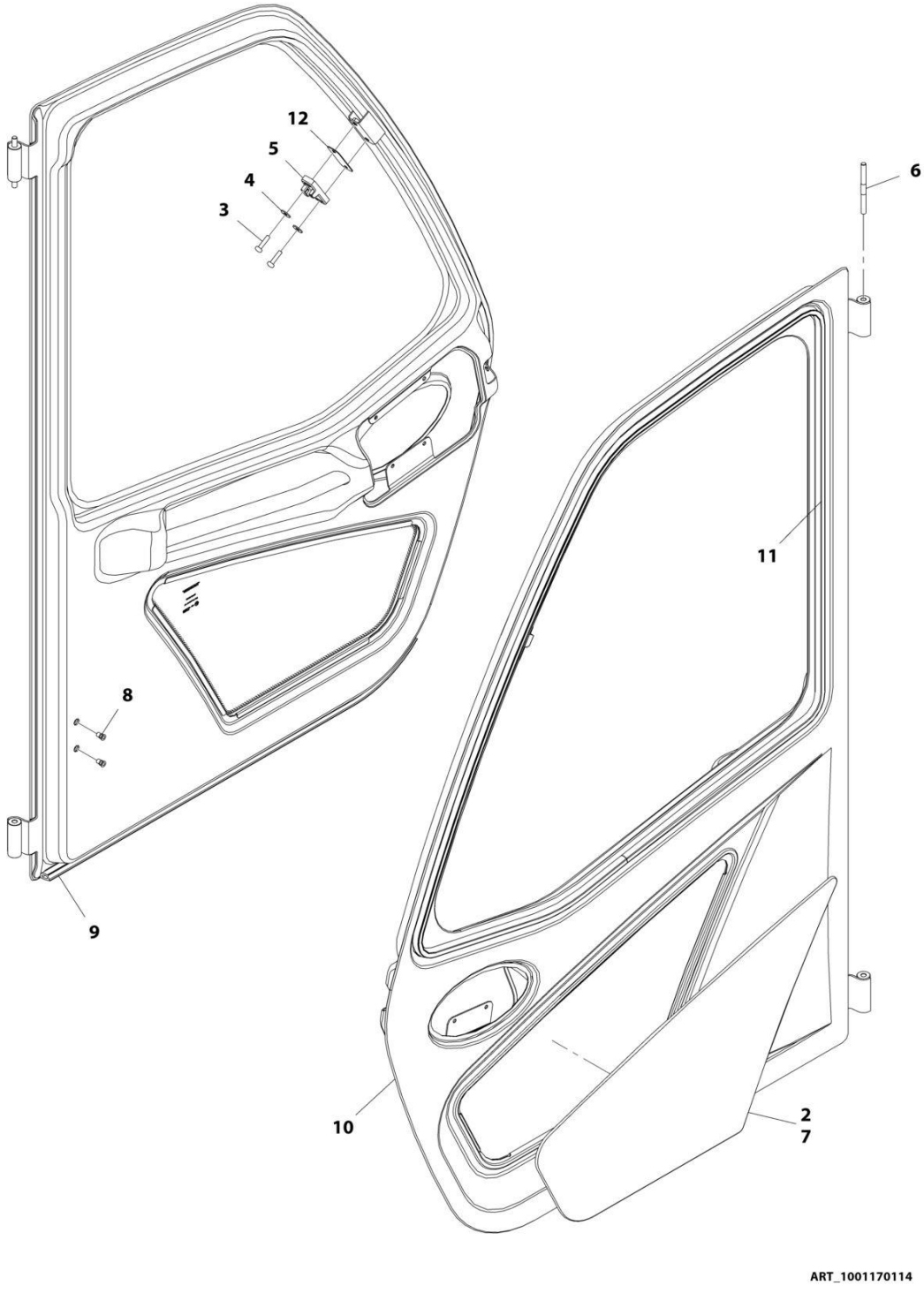


FIGURE 6-10. DOOR ASSEMBLY (AG)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170114	Ref	Door Assembly	K
2	1001111317	AR	Compound, Locking	
3	4010612002	2	Screw, M6X25	
4	4811702001	2	Washer, M6	
5	1001165276	1	Plate, Window Latch Striker	
6	1001166634	1	Pin, Hinge	
7	1001169880	1	Window, Lower Glass	
8	1001172193	2	Rivnut, M5X0.8	
9	1001227188	1	Seal, Cab Door	
10	1001170113J	1	Door, Cab (See Separate Breakdown in this Section)	
11	1001227187	1	Seal, Cab Door Window	
12	1001193210	AR	Shim, Window Latch	

FIGURE 6-11. CAB DOOR

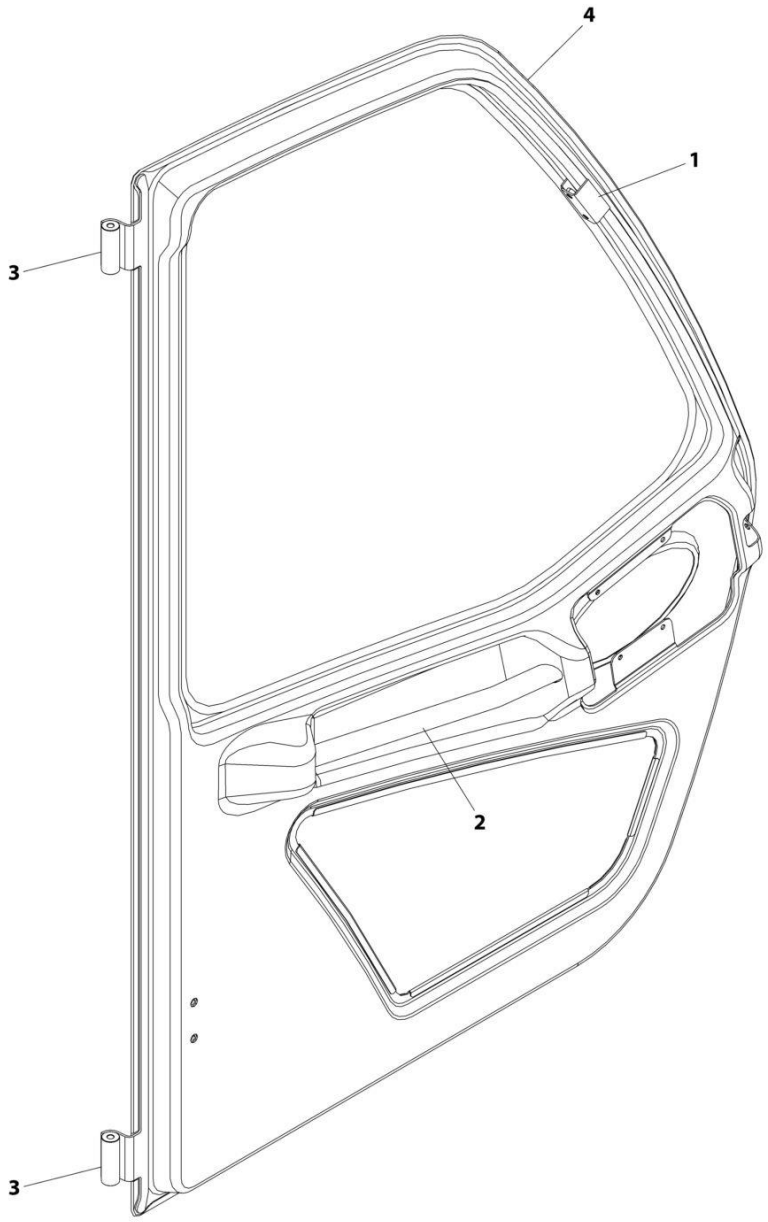


FIGURE 6-11. CAB DOOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170113	Ref	Cab Door	E
1	1001169883	1	Bracket, Window Latch	
2	1001169885	1	Handle, Interior Door	
3	1001171037	1	Plate, Hinge	
4	1001171635	1	Frame, Door	

FIGURE 6-12. DOOR STRAP INSTALLATION

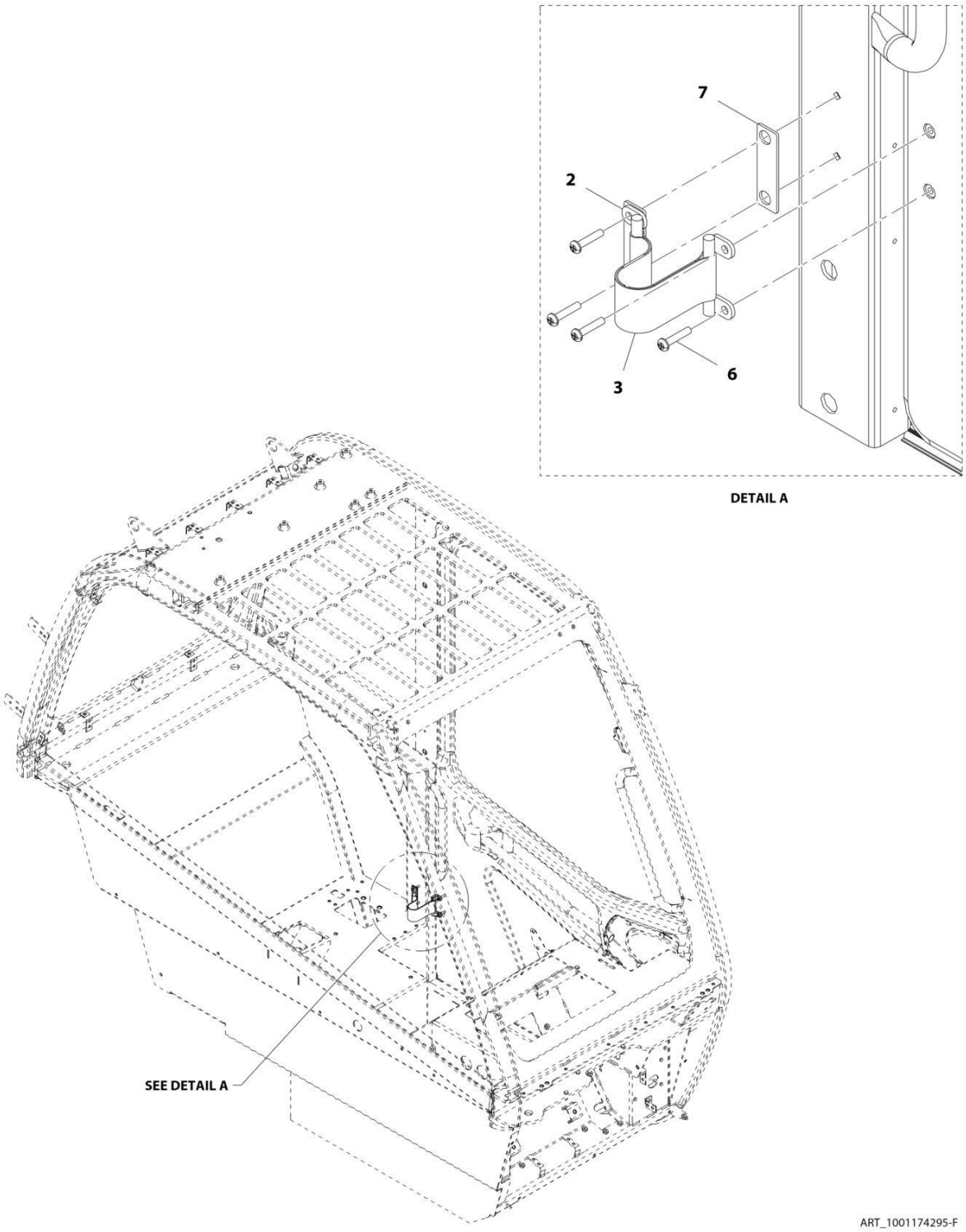


FIGURE 6-12. DOOR STRAP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174295	Ref	Door Strap Installation	F
2	1001230163	2	Bracket, Strap Holder	
3	1001212011	1	Strap, Door Hold Open	
6	8310559	4	Screw	
7	1001191091	1	Plate, Cab Door Strap	

FIGURE 6-13. REAR WINDOW INSTALLATION

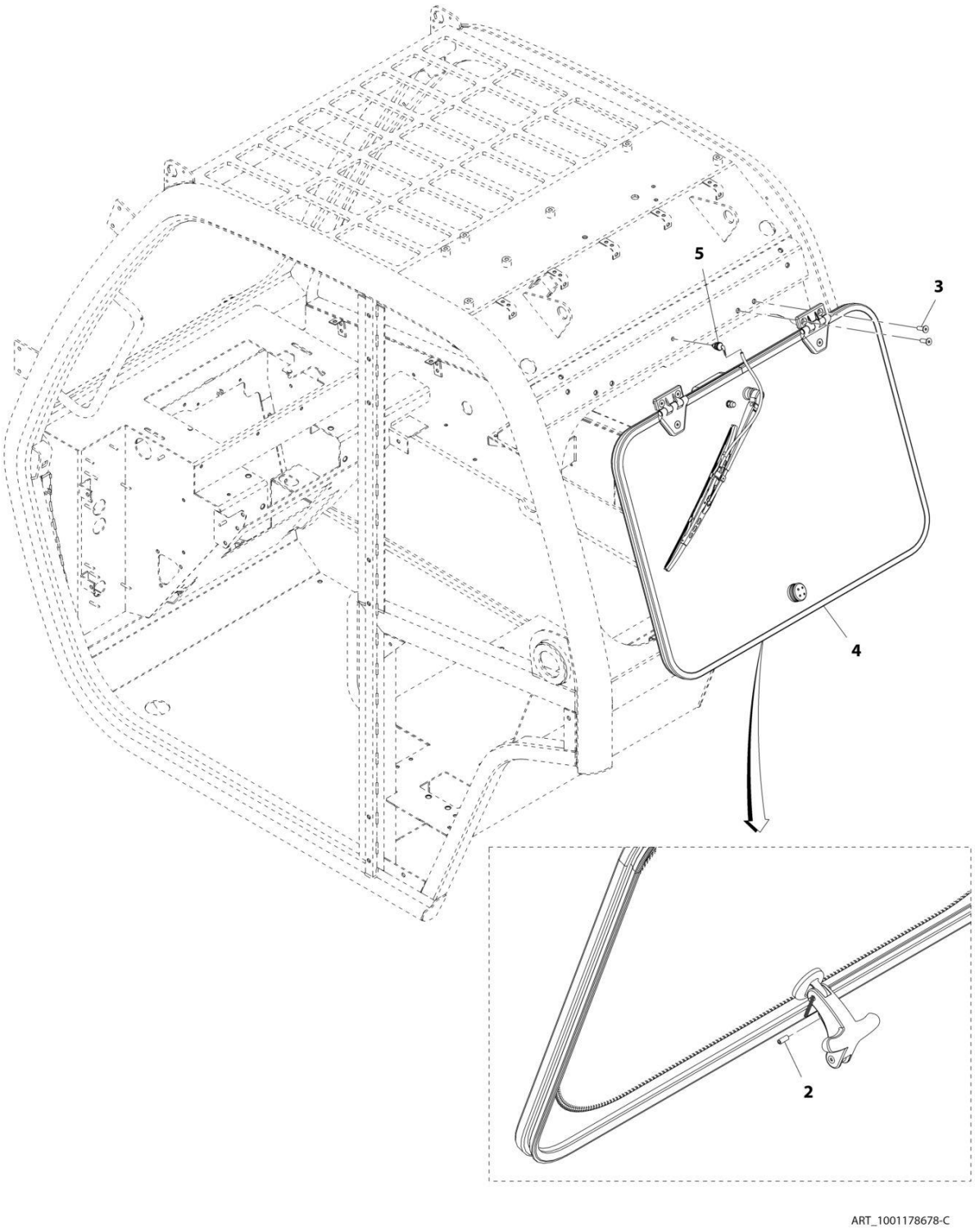


FIGURE 6-13. REAR WINDOW INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178678	Ref	Rear Window Installation	C
2	1001003043	1	Pin, Spring	
3	1001097586	4	Screw, M8X1.25	
4	1001178679	1	Assembly, Rear Window (See Separate Breakdown in this Section)	
5	1001090343	1	Connector	

FIGURE 6-14. REAR WINDOW ASSEMBLY

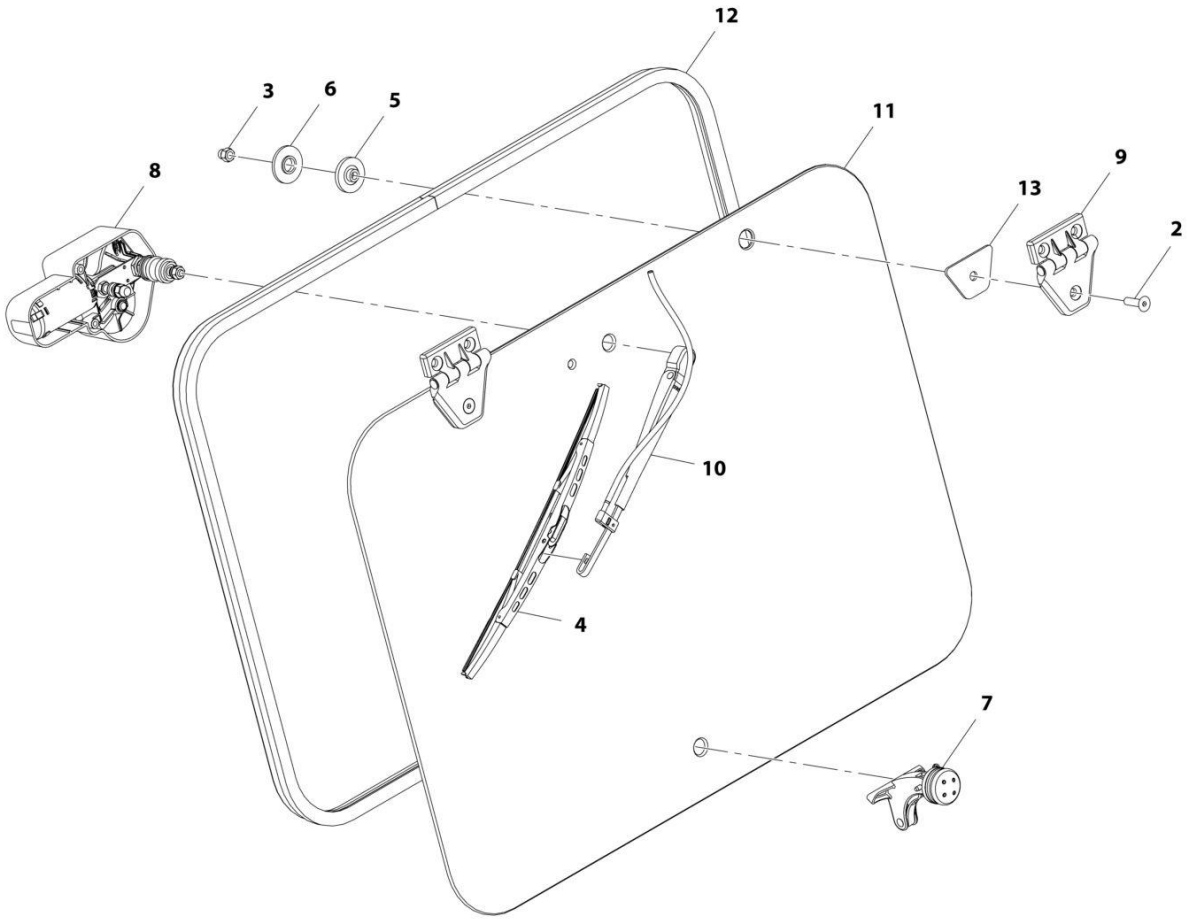


FIGURE 6-14. REAR WINDOW ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178679	Ref	Rear Window Assembly	C
2	2080078	2	Fastener, M8X30	
3	3290806	2	Nut, M8X1.25 Grade 8	
4	4807718	1	Blade, Wiper	
5	8000759	2	Spacer	
6	8004398	2	Spacer	
7	1001005368	1	Latch, Window	
8	1001139552	1	Motor, Rear Wiper	
9	1001139568	2	Hinge	
10	1001141312	1	Arm, Rear Window Wiper	
11	1001178680	1	Glass, Rear Window	
12	1001178681	1	Seal	
13	1001181411	2	Gasket, Rear Window Hinge	

FIGURE 6-15. ENCLOSED CAB PLUG GROUP

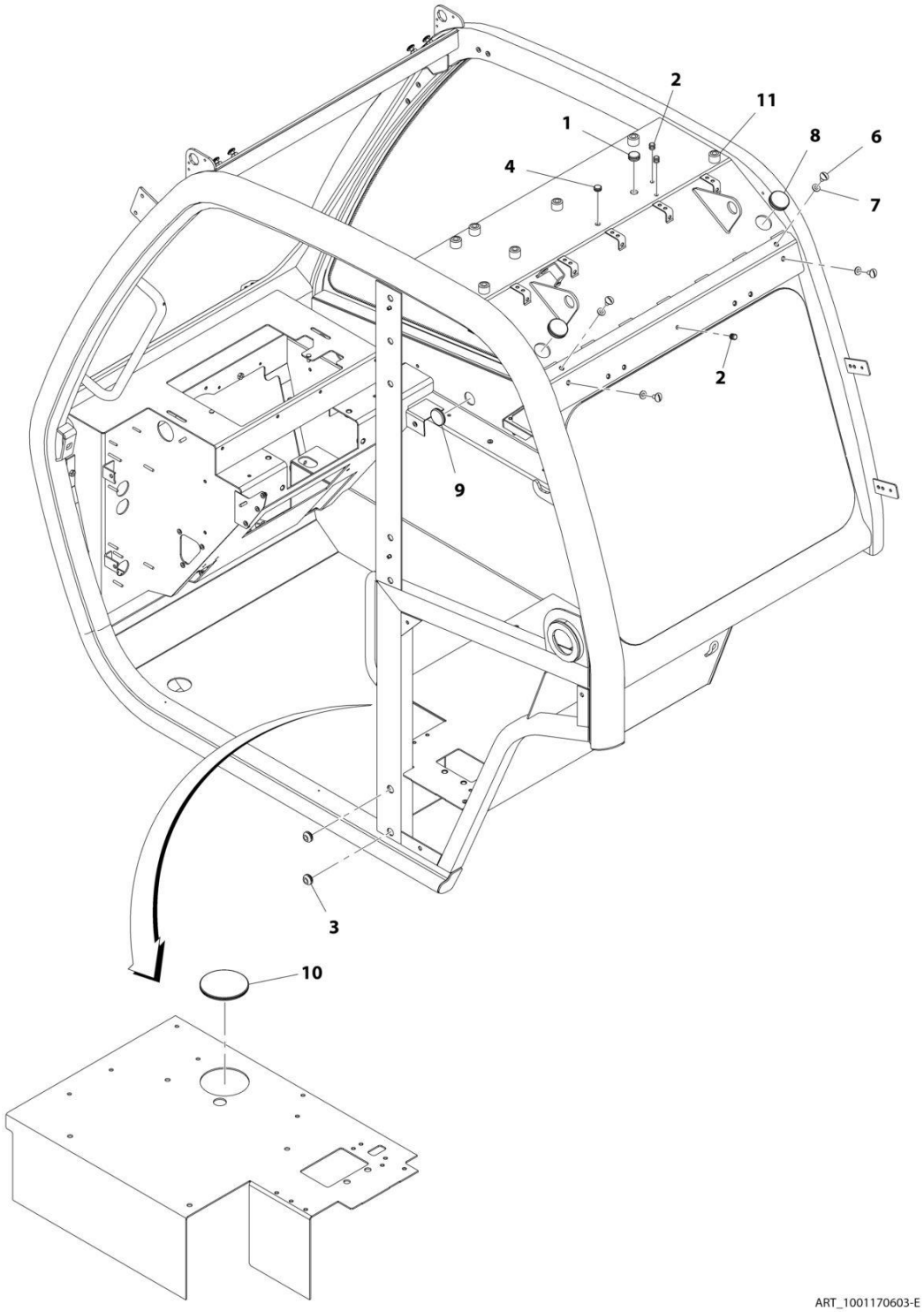


FIGURE 6-15. ENCLOSED CAB PLUG GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170603	Ref	Enclosed Cab Plug Group	E
1	1001176273	1	Plug	
2	1001176272	3	Plug	
3	1001143200	2	Plug	
4	1001176626	1	Plug	
6	1001181920	8	Screw, M8X16	
7	1001181921	8	Washer, Rubber M8	
8	1001182123	2	Plug	
9	1001182139	1	Plug	
10	1001209899	1	Plug	
11	1001219220	7	Cap, Vinyl Round	

FIGURE 6-16. INTERIOR MIRROR INSTALLATION

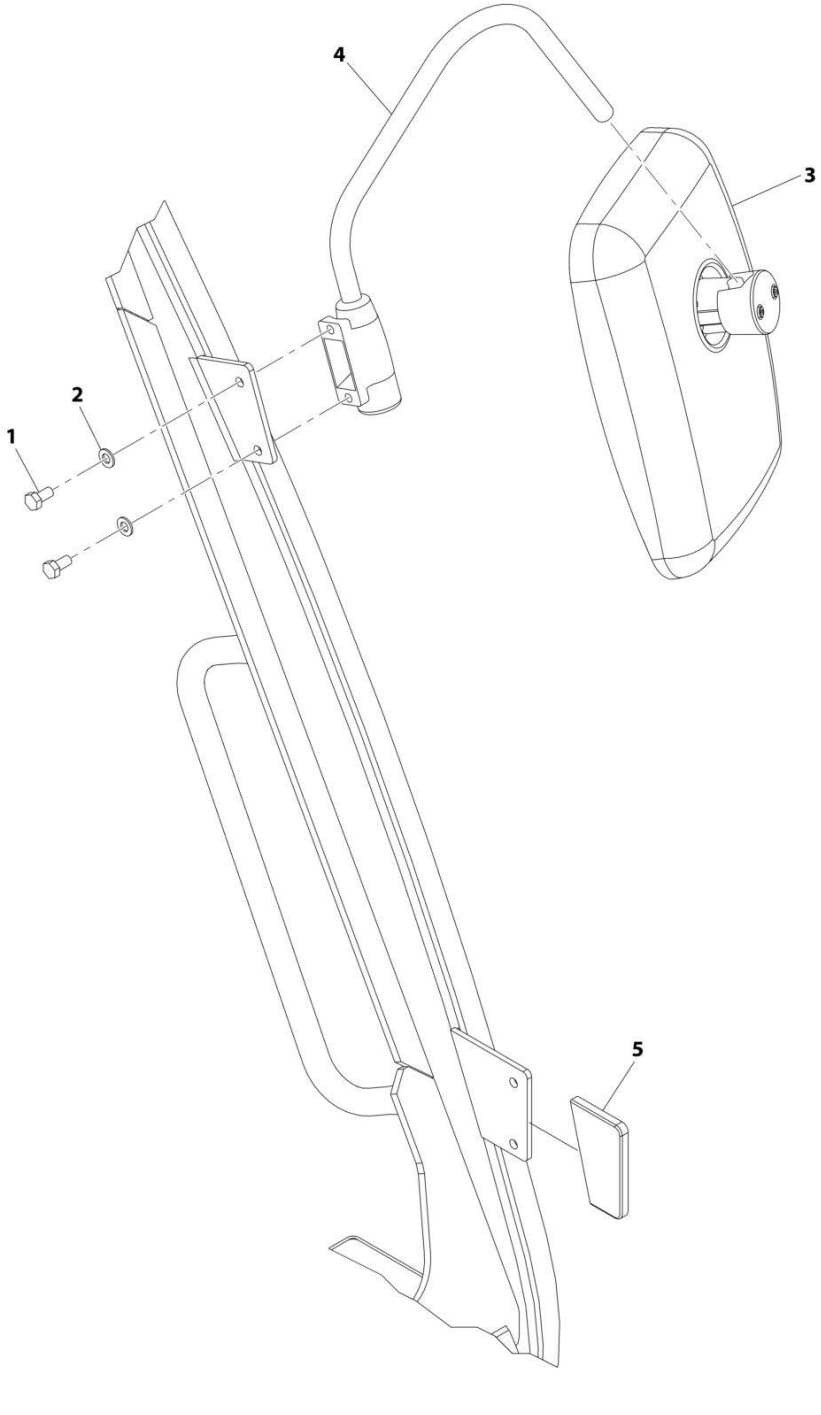


FIGURE 6-16. INTERIOR MIRROR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230435	Ref	Basic Mirror Installation	A
1	0760808	2	Bolt, M8X16	
2	4811900	2	Washer, M8	
3	80363195	1	Mirror	
4	1001164655	1	Bracket	
5	1001227357	1	Cover, Mirror Bracket	

FIGURE 6-17. FRONT WIPER INSTALLATION

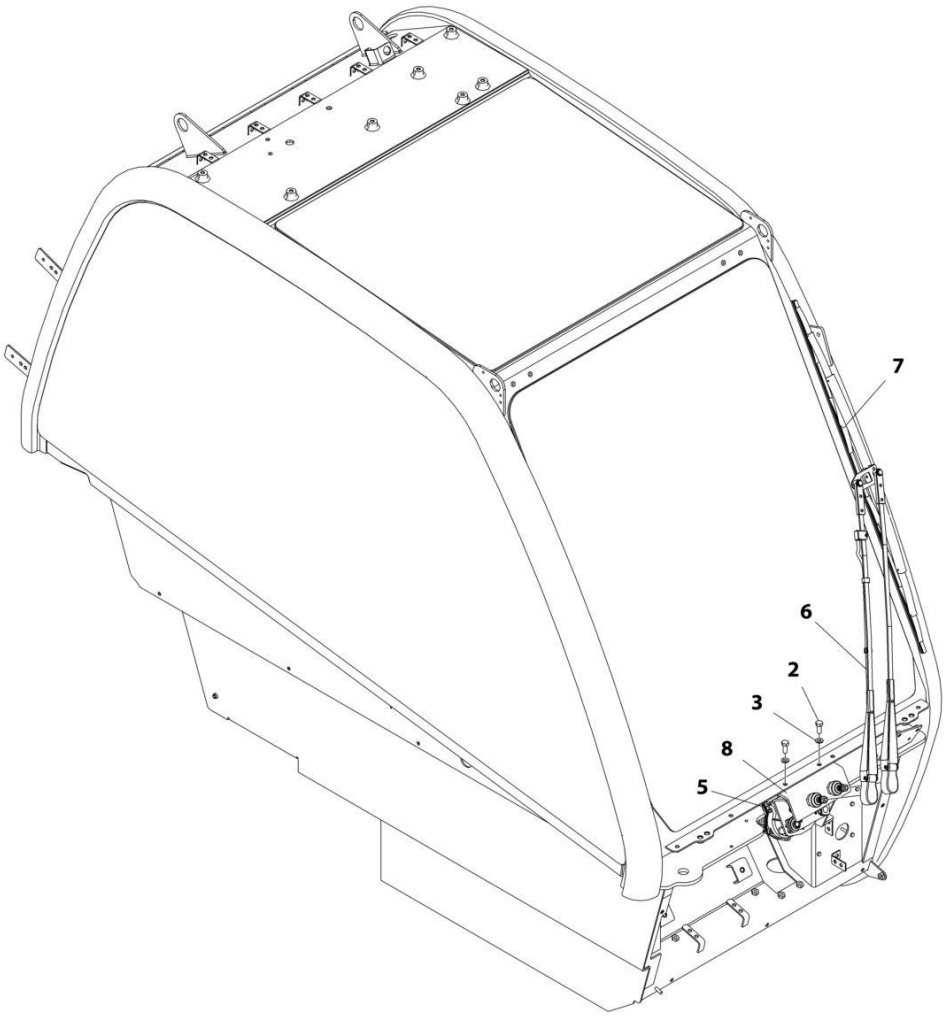


FIGURE 6-17. FRONT WIPER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155447	Ref	Front Wiper Installation	G
2	0760810	2	Bolt, M8X20	
3	4811900	2	Washer, M8	
5	1001214092	1	Motor, Front Wiper	
6	1001212369	1	Arm, Front Wiper	
7	1001141281	1	Blade, Wiper	
8	1001165637	1	Bracket	

FIGURE 6-18. LEVEL INDICATOR INSTALLATION

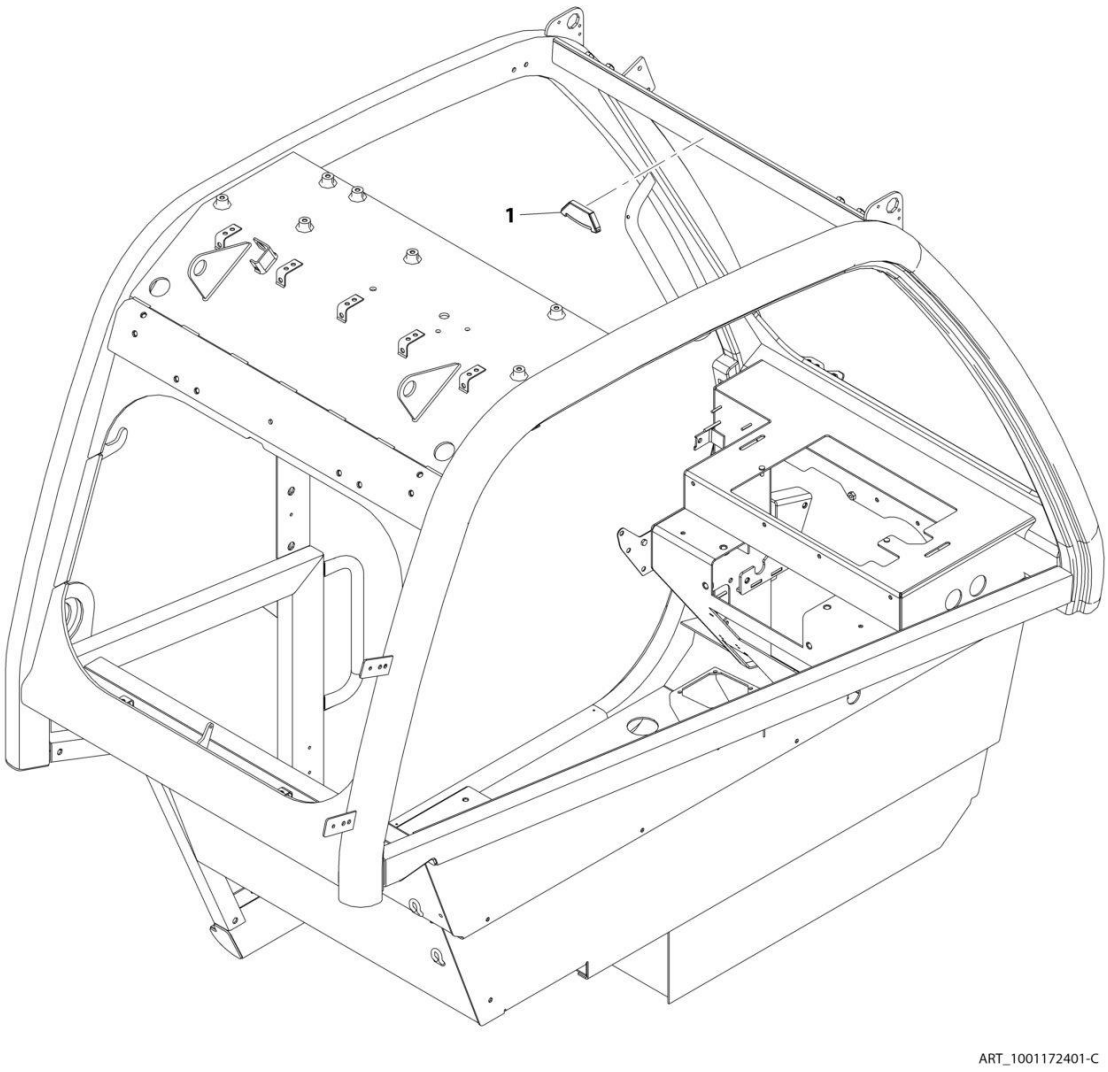
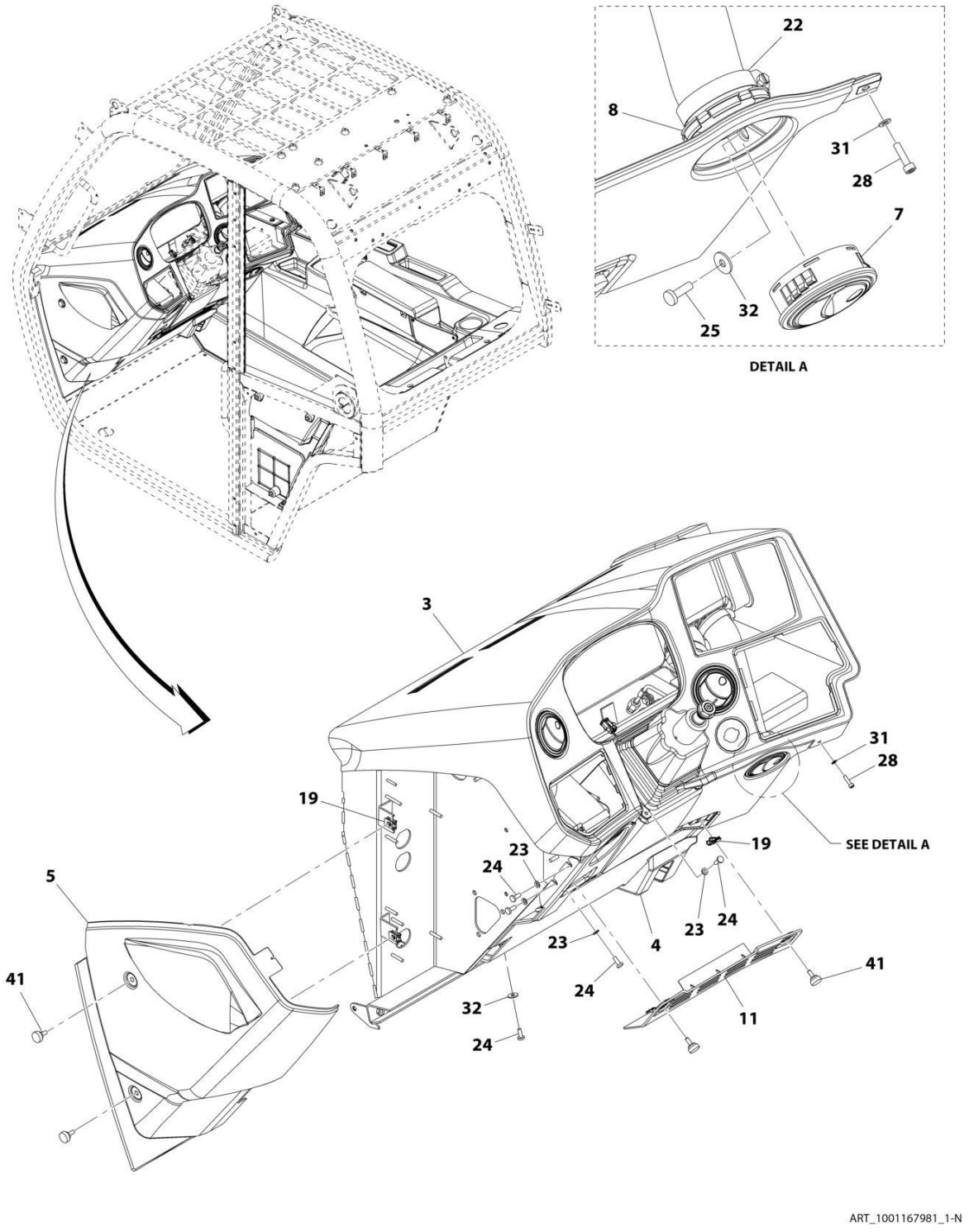


FIGURE 6-18. LEVEL INDICATOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172401	Ref	Level Indicator Installation	C
1	8466306	1	Gauge, Tilt Angle	

FIGURE 6-19. ENCLOSED CAB TRIM INSTALLATION



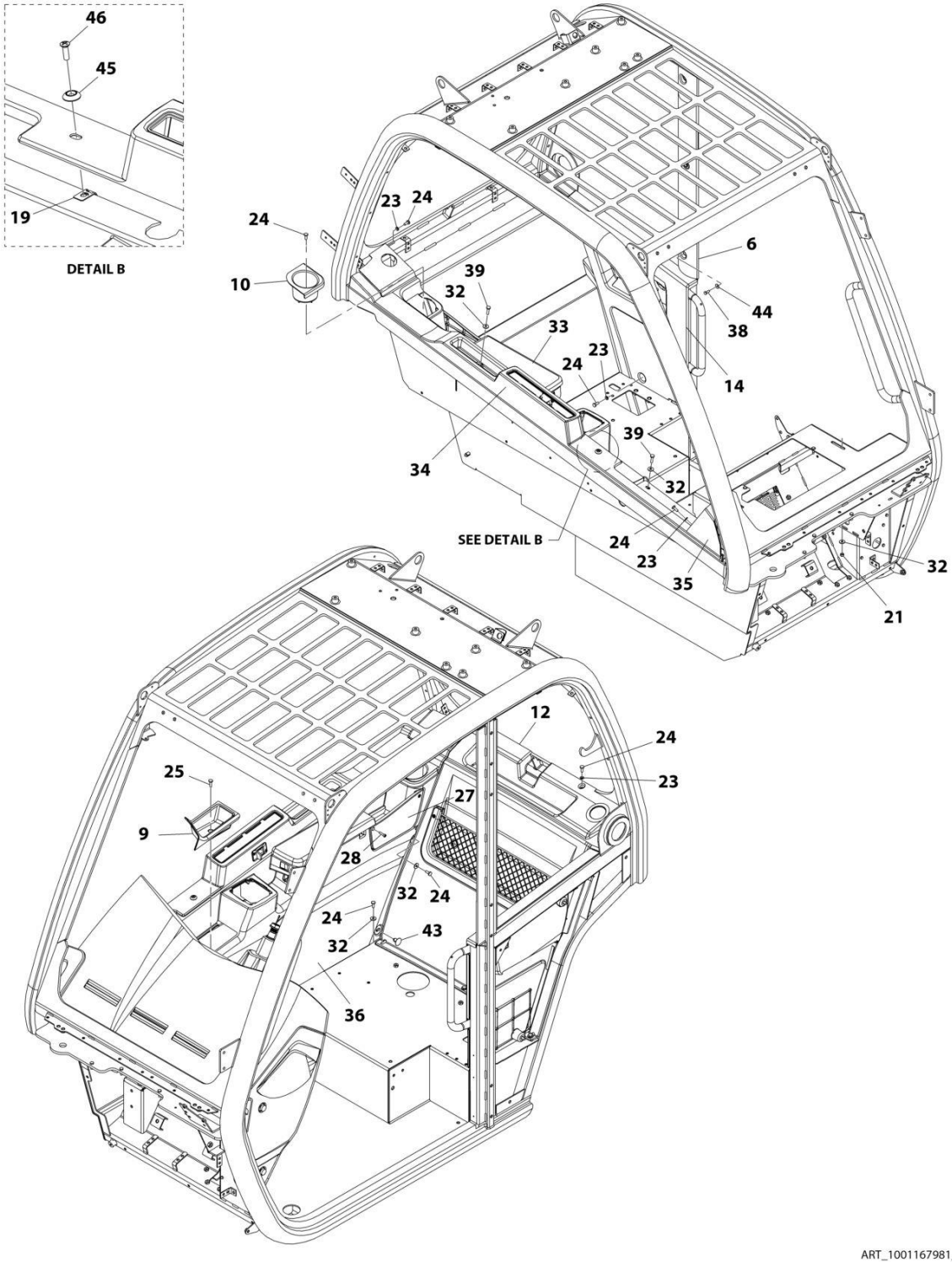

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ART_1001167981_2-N

FIGURE 6-19. ENCLOSED CAB TRIM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167981	Ref	Enclosed Cab Trim Installation	P
3	1001169604	1	Assembly, Dash Cover (See Separate Breakdown in this Section)	
4	1001175903	1	Panel, Lower Dash	
5	1001161855	1	Panel, LH Dash	
6	1001219076	1	Panel, Cover	
7	1001147449	2	Vent, Air	
8	1001149278	2	Vent, Connector	
9	1001169603	1	Panel, Trinket Tray	
10	1001170518	1	Holder, Cup	
11	1001170504	1	Panel, Recirculation Grille Cover	
12	1001170519	1	Assembly, Rear Panel Cover (See Separate Breakdown in this Section)	
14	1001161068	1	Panel, Cover	
19	8305919	5	Nut, M6	
21	3290605	2	Nut, Lock M6X1 Grade 8	
22	8405201	2	Clamp, Gear	
23	4811700001	13	Washer, M6	
24	4010608002	20	Screw, M6X16	
25	4010610002	2	Screw, M6X20	
27	1001173965	1	Bezel, RH	
28	4031608001	3	Bolt, M5X20	
31	4811600	1	Washer, M5	
32	4811702001	12	Washer, M6	
33	1001181726	Ref	Installation, Adjustable Armrest (See Separate Breakdown in this Section)	
34	1001182834	1	Panel, Cover	
35	1001185870	1	Panel, Cover	
36	1001189182	1	Panel, Cover	
38	4010508002	3	Bolt, M5-.8X16	
39	4010612002	3	Screw, M6X25	
41	1001208308	4	Bolt, M6X15	
43	1001211907	1	Screw, Retainer	
44	4811602001	3	Washer, 5M	
45	1001098150	1	Washer, M6	
46	1001132564	1	Screw M6X20	

FIGURE 6-20. DASH COVER ASSEMBLY

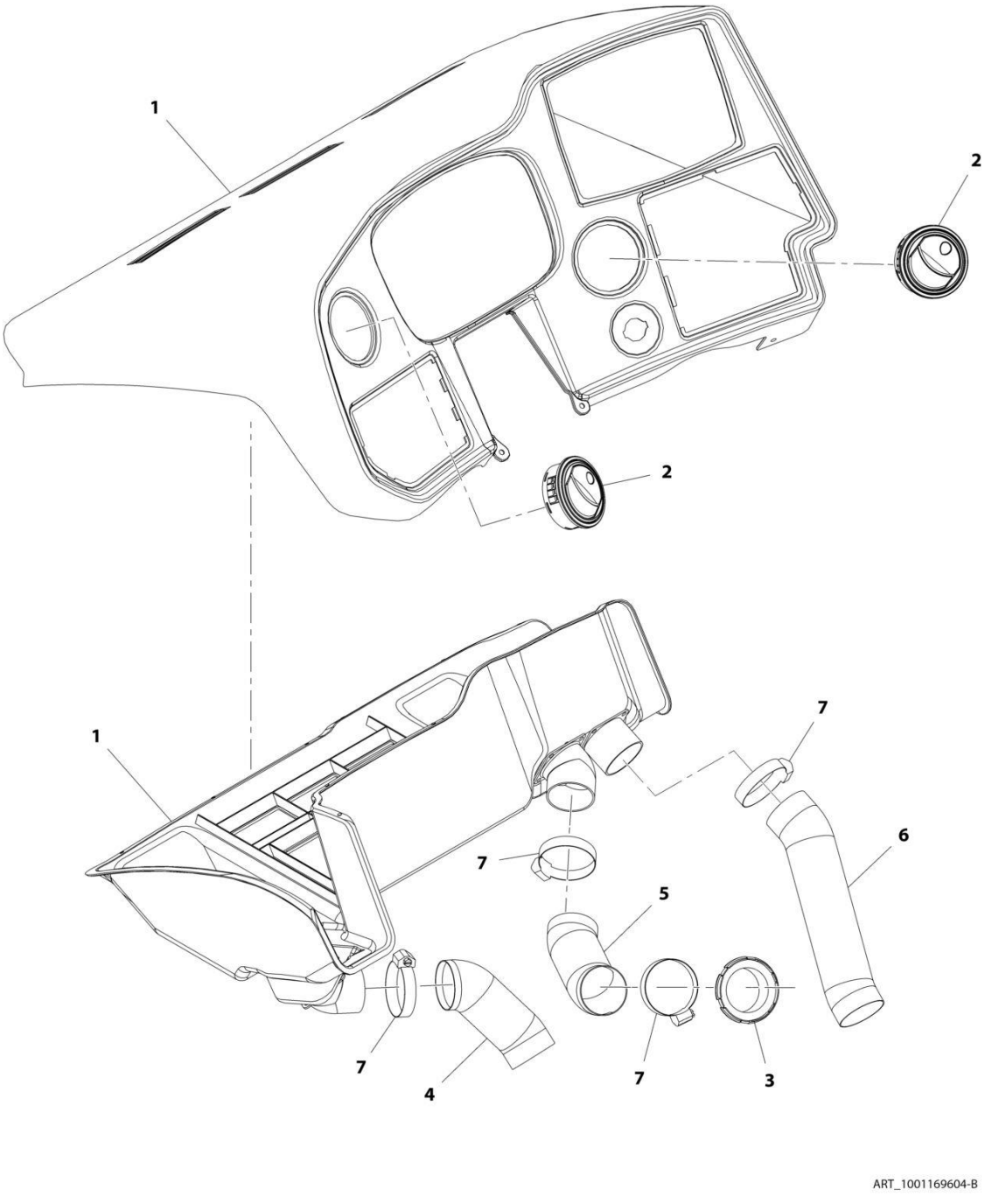


FIGURE 6-20. DASH COVER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169604	Ref	Dash Cover Assembly (Construction)	B
1	1001161851	1	Panel, Top Dash	
2	1001147449	2	Vent, Air	
3	1001149278	1	Vent, Connector	
4	1001174652	1	Hose	
5	1001174653	1	Hose	
6	1001174655	1	Hose	
7	8405201	4	Clamp, Gear	

FIGURE 6-21. REAR PANEL COVER ASSEMBLY

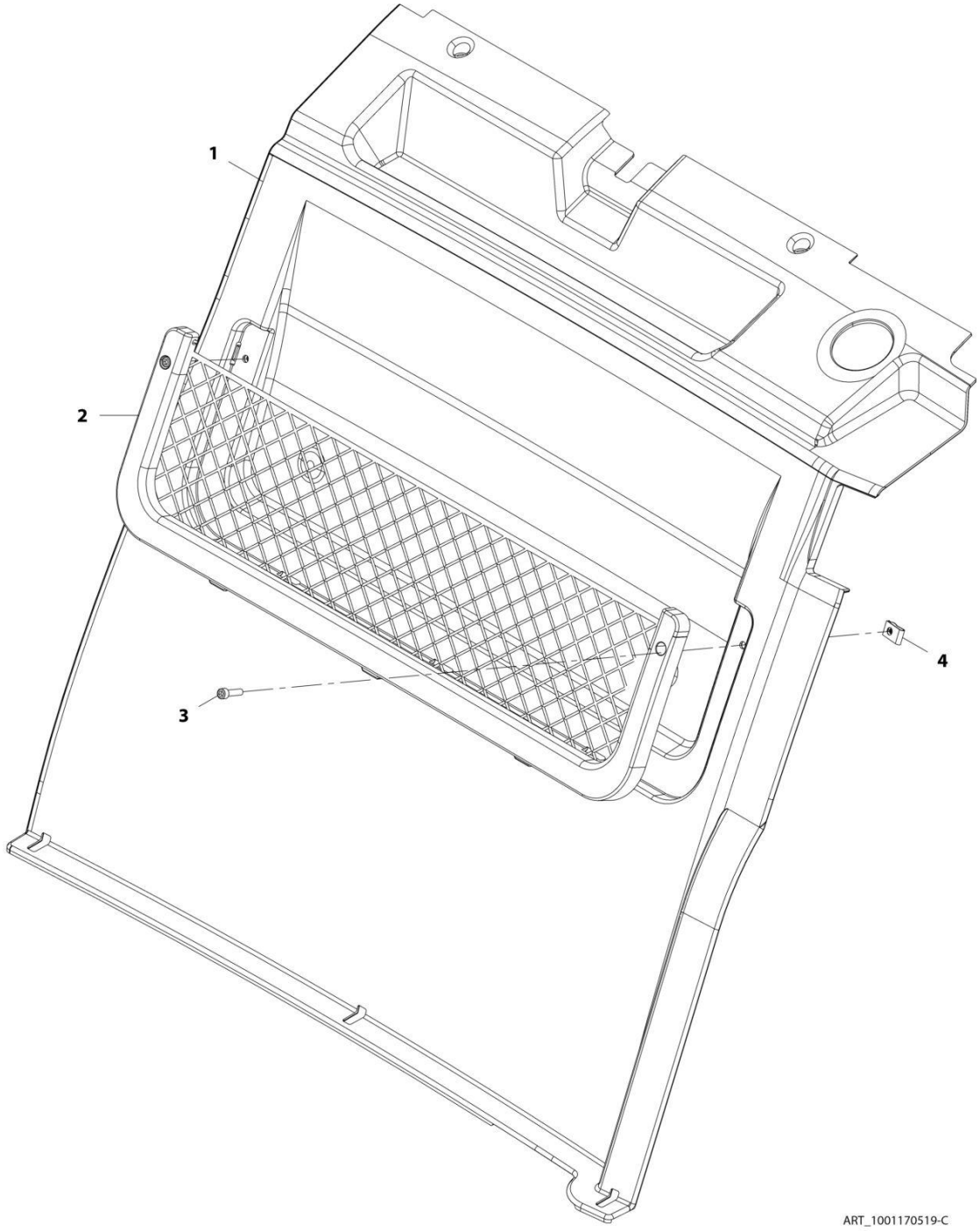


FIGURE 6-21. REAR PANEL COVER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170519	Ref	Rear Panel Cover Assembly	C
1	1001161067	1	Panel, Rear	
2	1001170514	1	Storage Net, Rear Panel	
3	4031608	2	Bolt, M5X20	
4	1001183550	2	Nut, Cage M5	

FIGURE 6-22. ADJUSTABLE ARMREST INSTALLTION

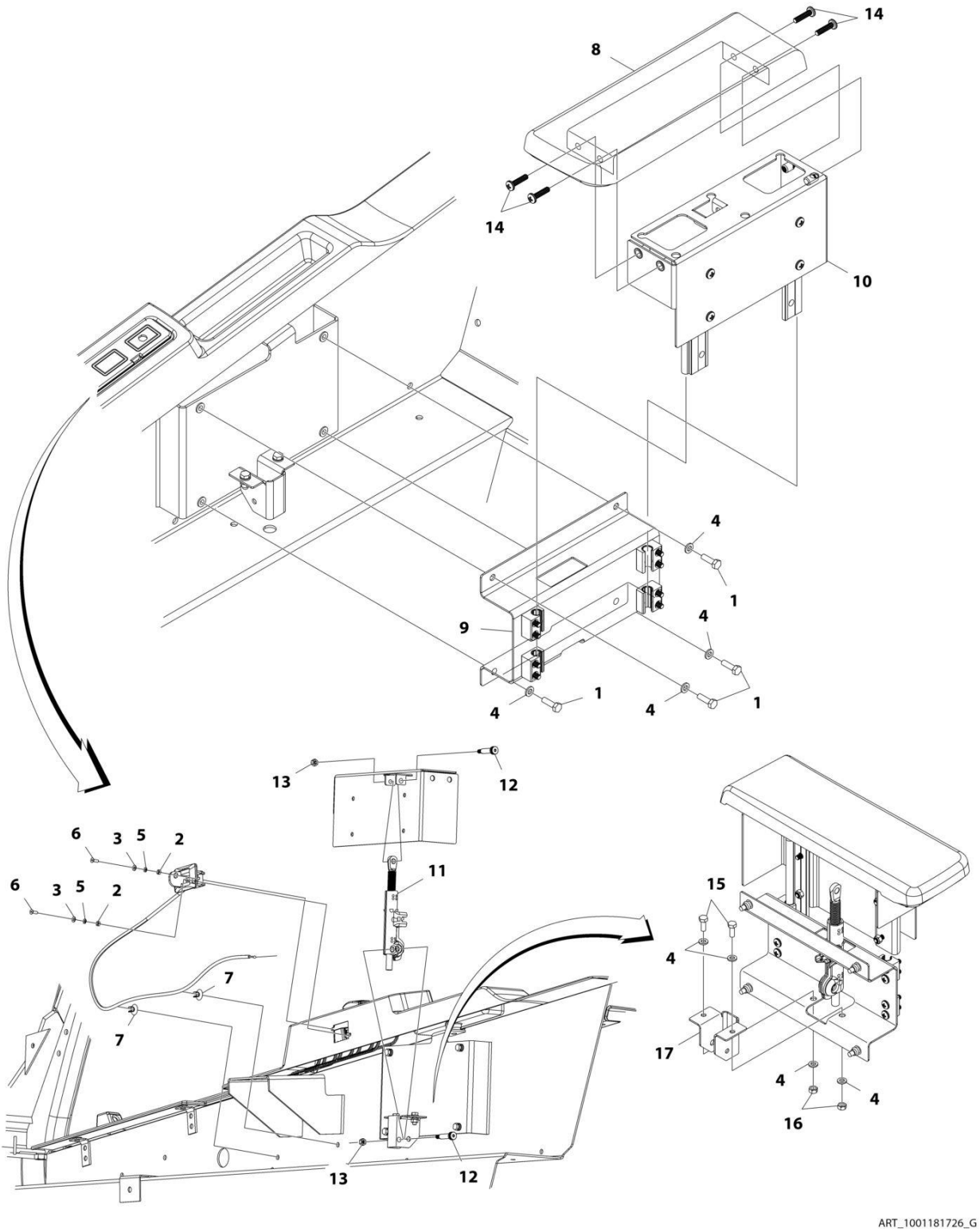


FIGURE 6-22. ADJUSTABLE ARMREST INSTALLTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181726	Ref	ADJUSTABLE ARMREST INSTALLTION	G
1	0700610	4	Bolt, M6X20	
2	3290401	2	Nut, M4X0.7	
3	4811400	2	Washer, M4	
4	4811700	8	Washer, M6	
5	4831400	2	Washer, Lock M4	
6	1001097244	2	Screw, M4X12	
7	1001165458	2	Hose	
8	1001191281	1	Armrest (See Separate Breakdown in this Section)	
9	1001191283	1	Bracket, Fixed Armrest (See Separate Breakdown in this Section)	
10	1001191284	1	Bracket, Moving Armrest (See Separate Breakdown in this Section)	
11	1001283175	1	Spring	
12	1001191370	2	Screw, M6	
13	3290605	2	Nut, M6X1 Grade 8	
14	4010612002	4	Screw, M6X25	
15	0760608	2	Bolt, M6X16	
16	3290601	2	Nut, M6X1	
17	1001212468	1	Bracket, Locking Spring Mount	

FIGURE 6-23. ARMREST

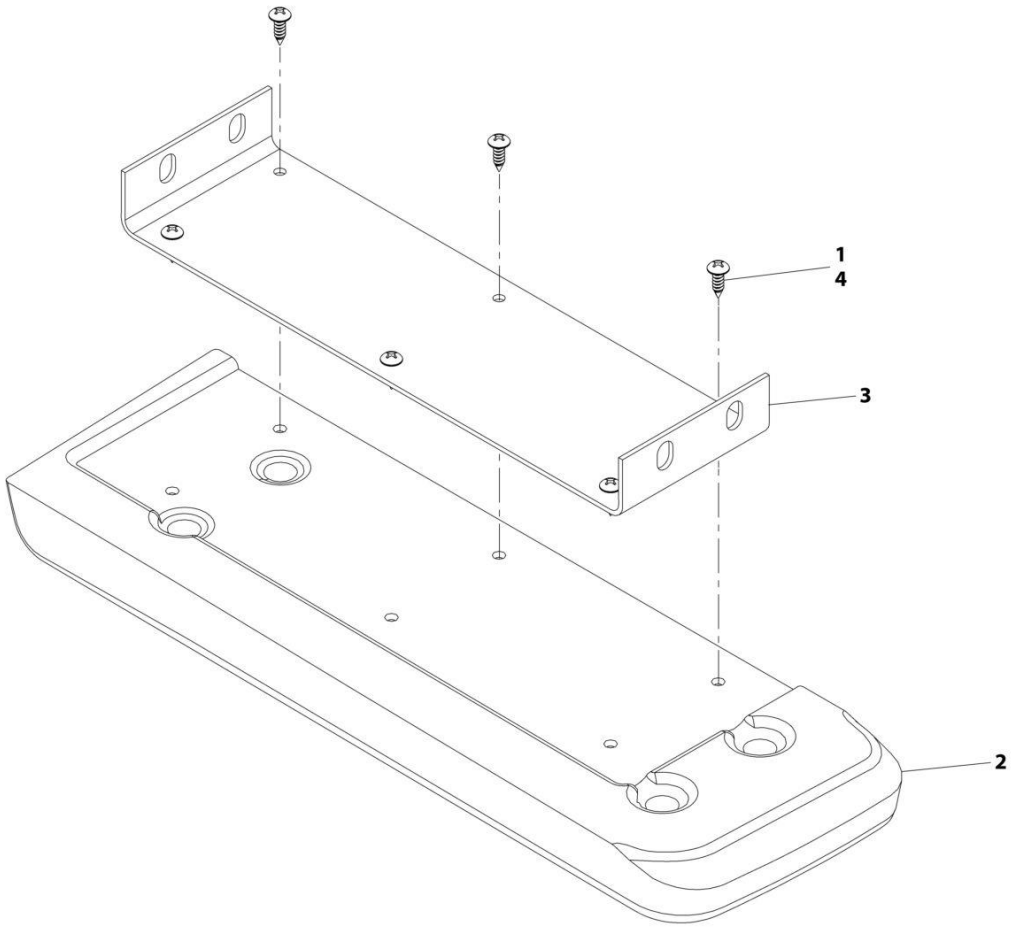
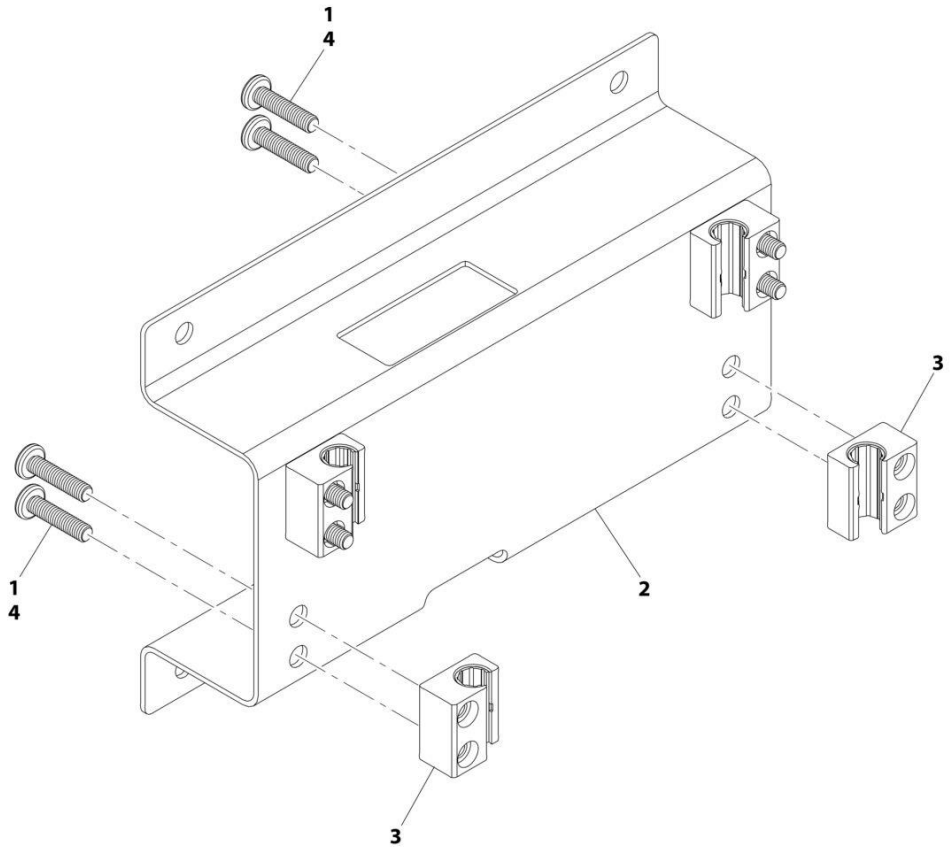


FIGURE 6-23. ARMREST

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191281	Ref	Armrest	E
1	1001095650	AR	Adhesive	
2	1001179484	1	Armrest, Cab	
3	1001191282	1	Bracket, Armrest Pad	
4	1001192240	6	Screw	

FIGURE 6-24. FIXED ARMREST BRACKET



ART_1001191283-B

FIGURE 6-24. FIXED ARMREST BRACKET

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191283	Ref	Fixed Armrest Bracket	B
1	1001095650	AR	Adhesive	
2	1001183597	1	Armrest Bracket	
3	1001191310	4	Slide Block	
4	4010612002	8	Screw	

FIGURE 6-25. MOVING ARMREST BRACKET

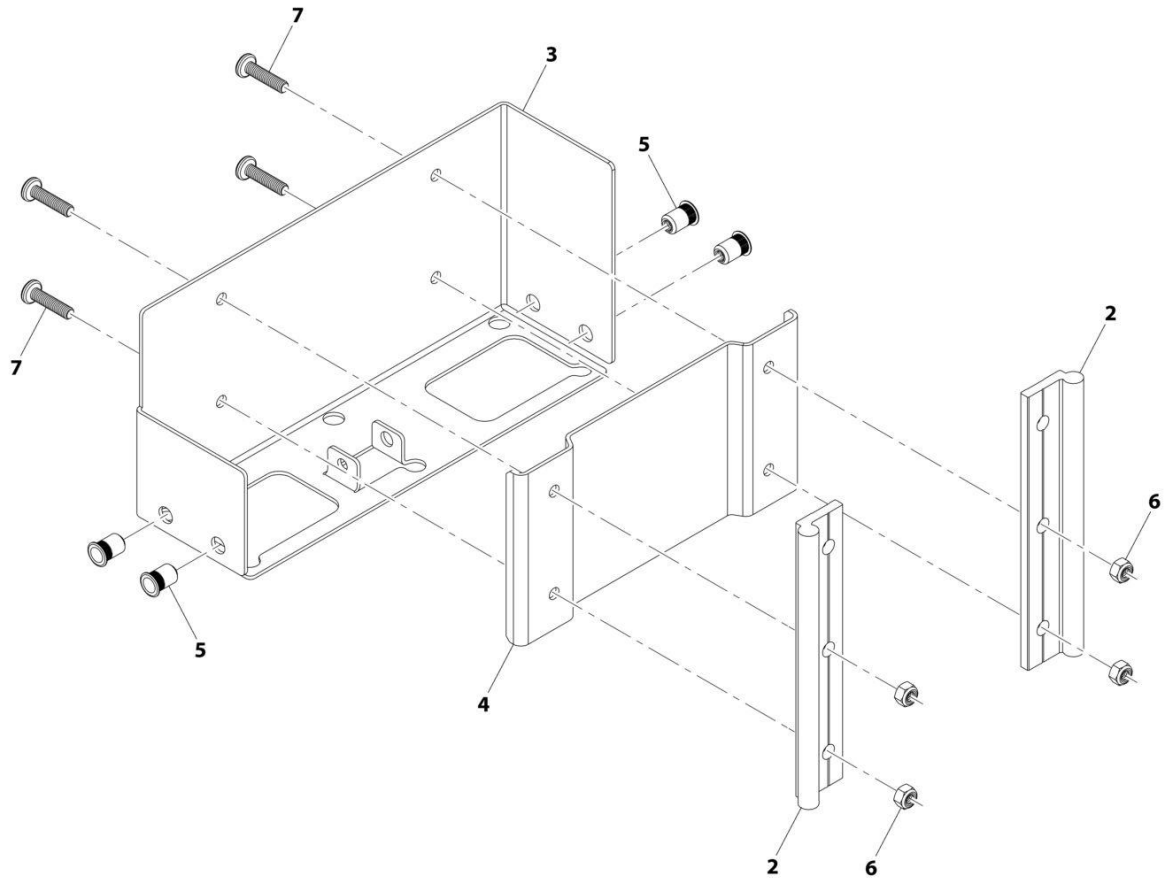


FIGURE 6-25. MOVING ARMREST BRACKET

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191284	Ref	Moving Armrest Bracket	B
2	1001191311	2	Side Rail	
3	1001191312	1	Armrest Mount Bracket	
4	1001191313	1	Spacer Block Plate	
5	1001191959	4	Rivenut M6 X 1	
6	3290605	4	Nut, Lock M6X1	
7	4010612002	4	Screw, M6X25	

FIGURE 6-26. BEACON INSTALLATION

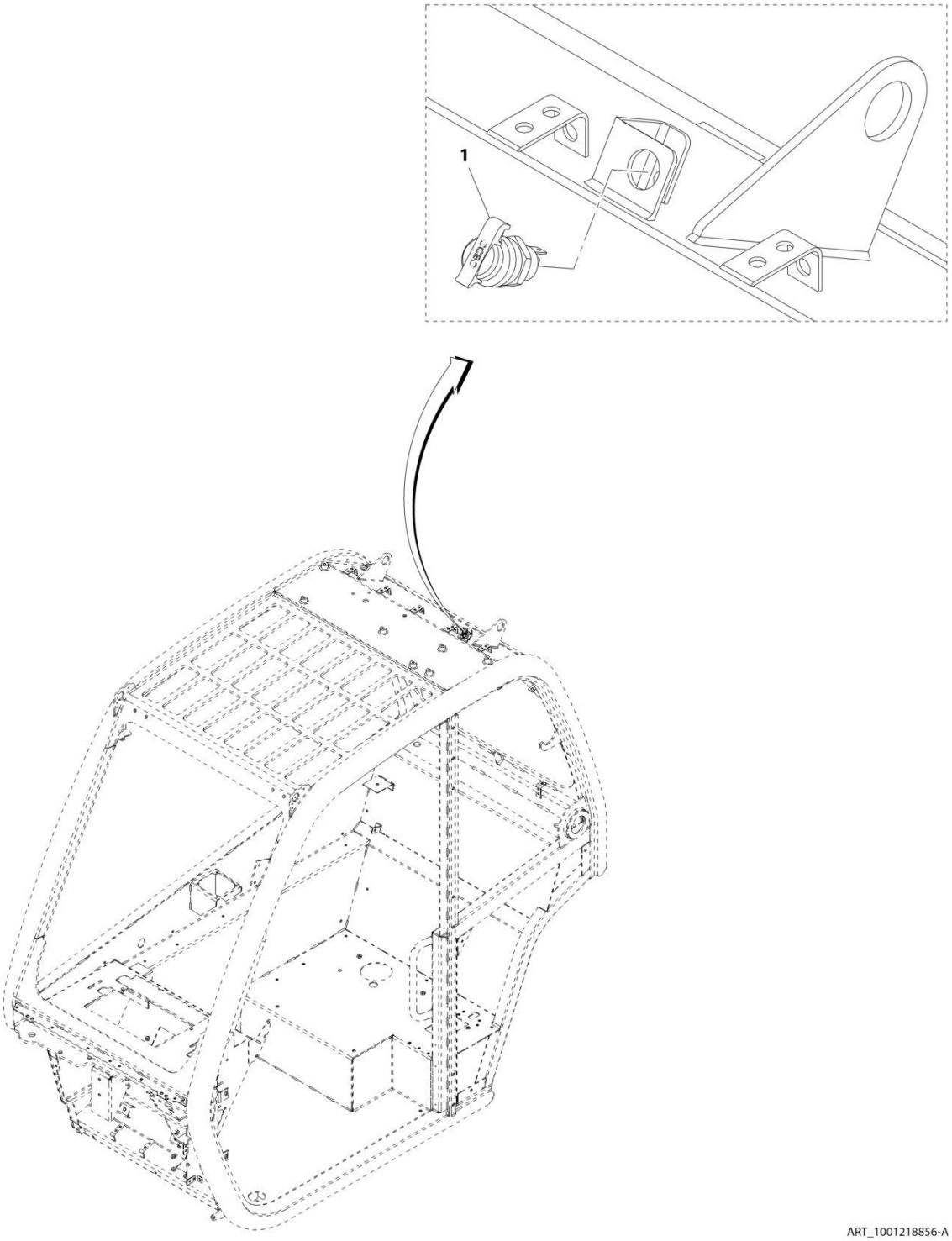


FIGURE 6-26. BEACON INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001218856	Ref	Beacon Bracket Installation	A
1	4461174	1	Plug, 12V Power	

FIGURE 6-27. WASHER HOSES INSTALLATION

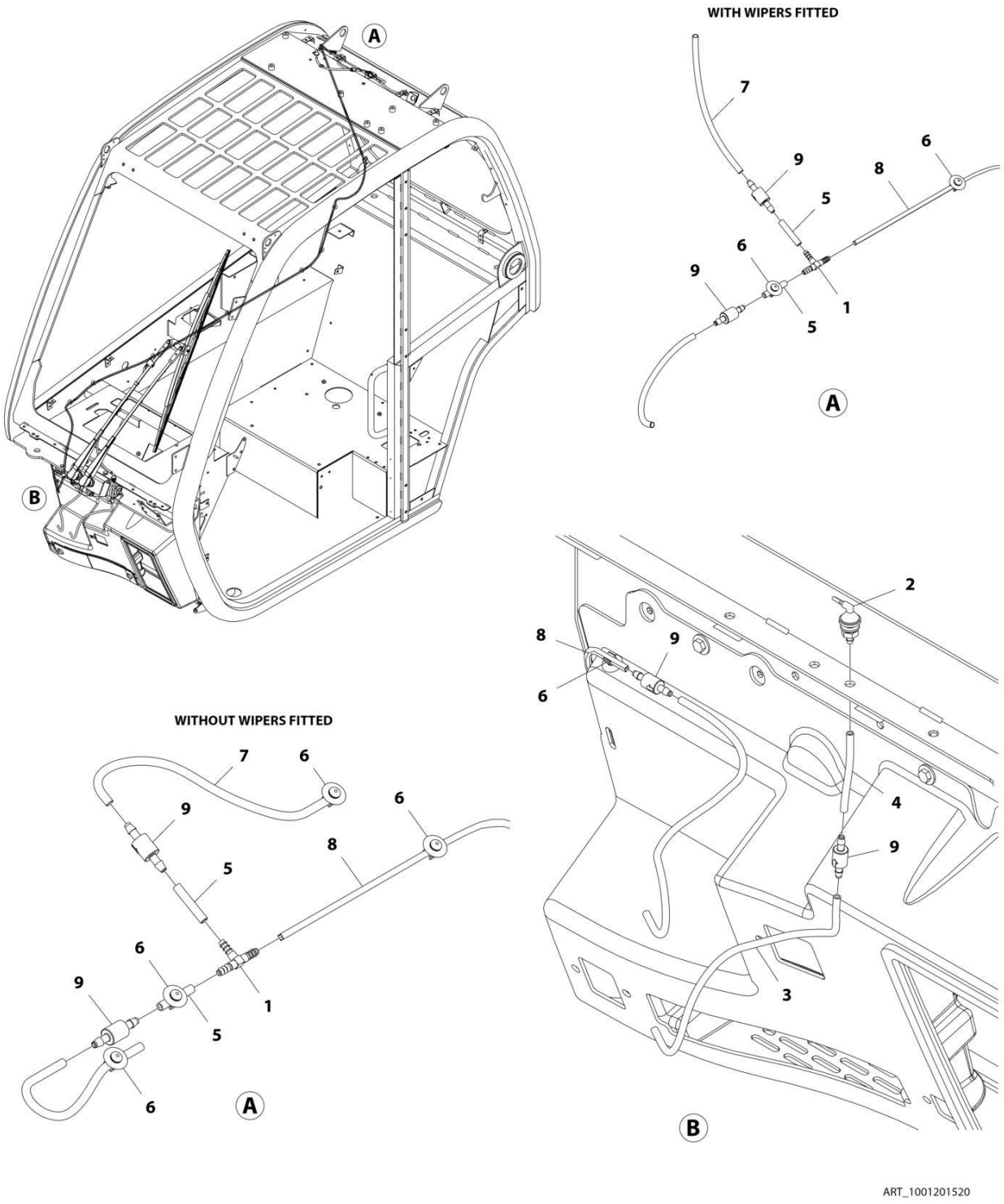


FIGURE 6-27. WASHER HOSES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201520	Ref	WASHER HOSES INSTALLATION	C
1	1001008742	1	Coupling, Tee	
2	1001090343	1	Connector	
3	1001165351	2	Hose	
4	1001165416	1	Hose	
5	1001165455	2	Hose	
6	1001165458	16	Mount, Hose	
7	1001178123	2	Hose	
8	1001180045	1	Hose	
9	1001201331	4	Valve, Check	

FIGURE 6-28. HAMMER INSTALLATION

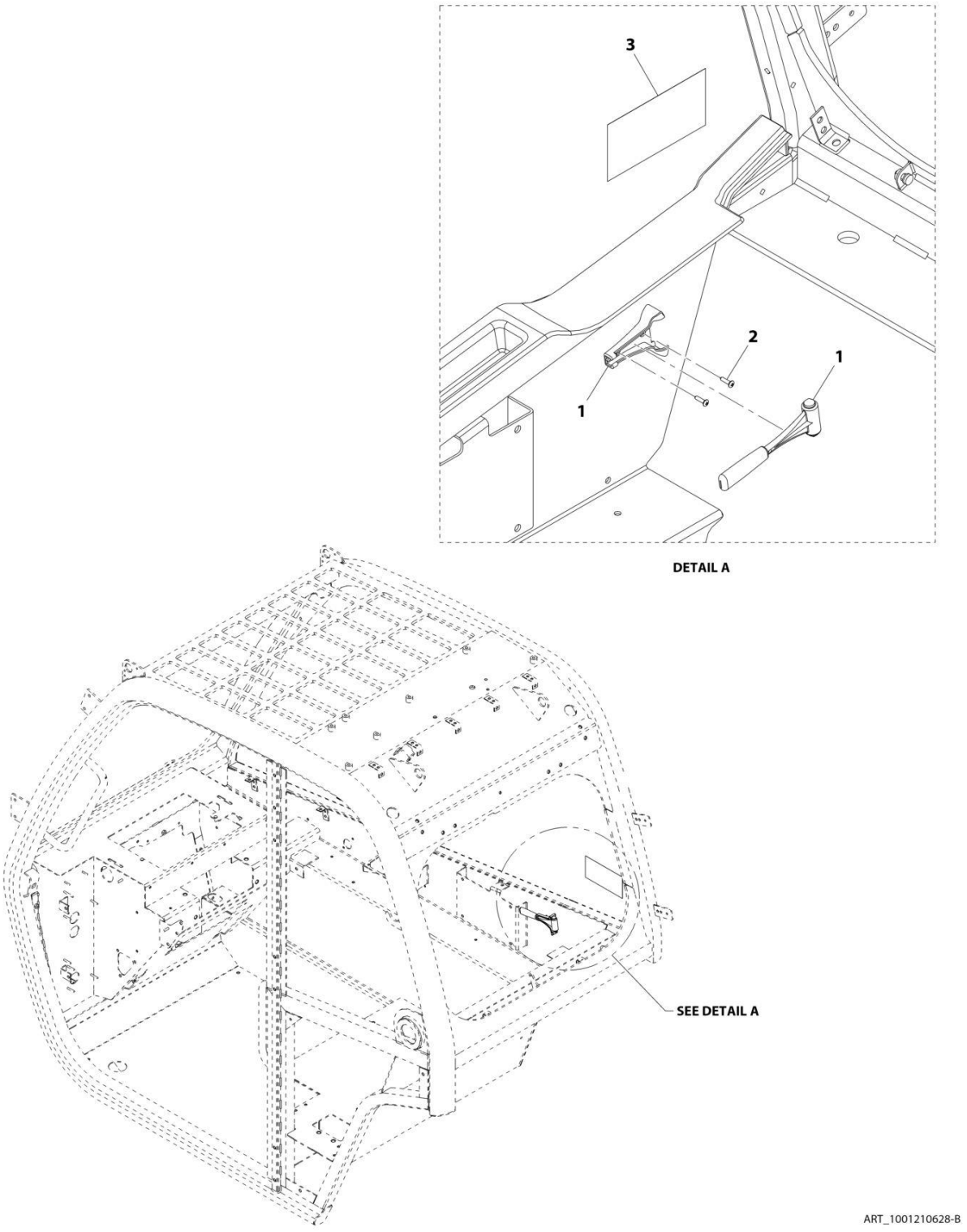


FIGURE 6-28. HAMMER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210628	Ref	Hammer Installation	B
1	1001005038	1	Assembly, Hammer Attachment (See Separate Breakdown in this Section)	
2	1001005193	2	Screw	
3	1001215804	1	Decal, Emergency Exit	

FIGURE 6-29. HAMMER ATTACHMENT ASSEMBLY

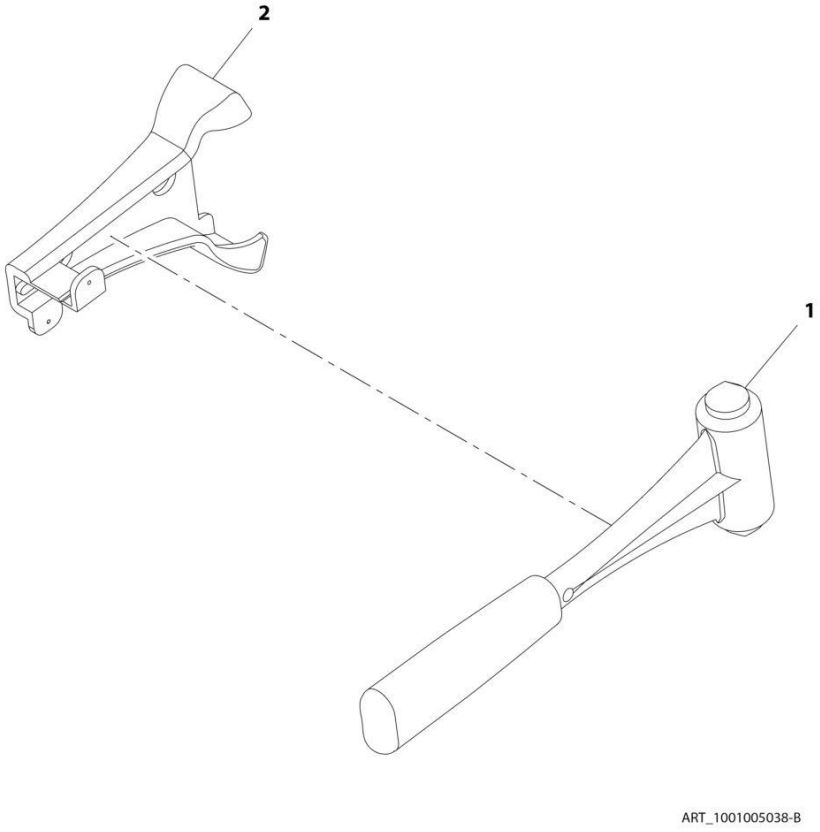


FIGURE 6-29. HAMMER ATTACHMENT ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001005038	Ref	Hammer Attachment Assembly	B
1	1001006954	1	Hammer	
2	1001006955	1	Bracket, Hammer	

FIGURE 6-30. FRONT COVER INSTALLATION

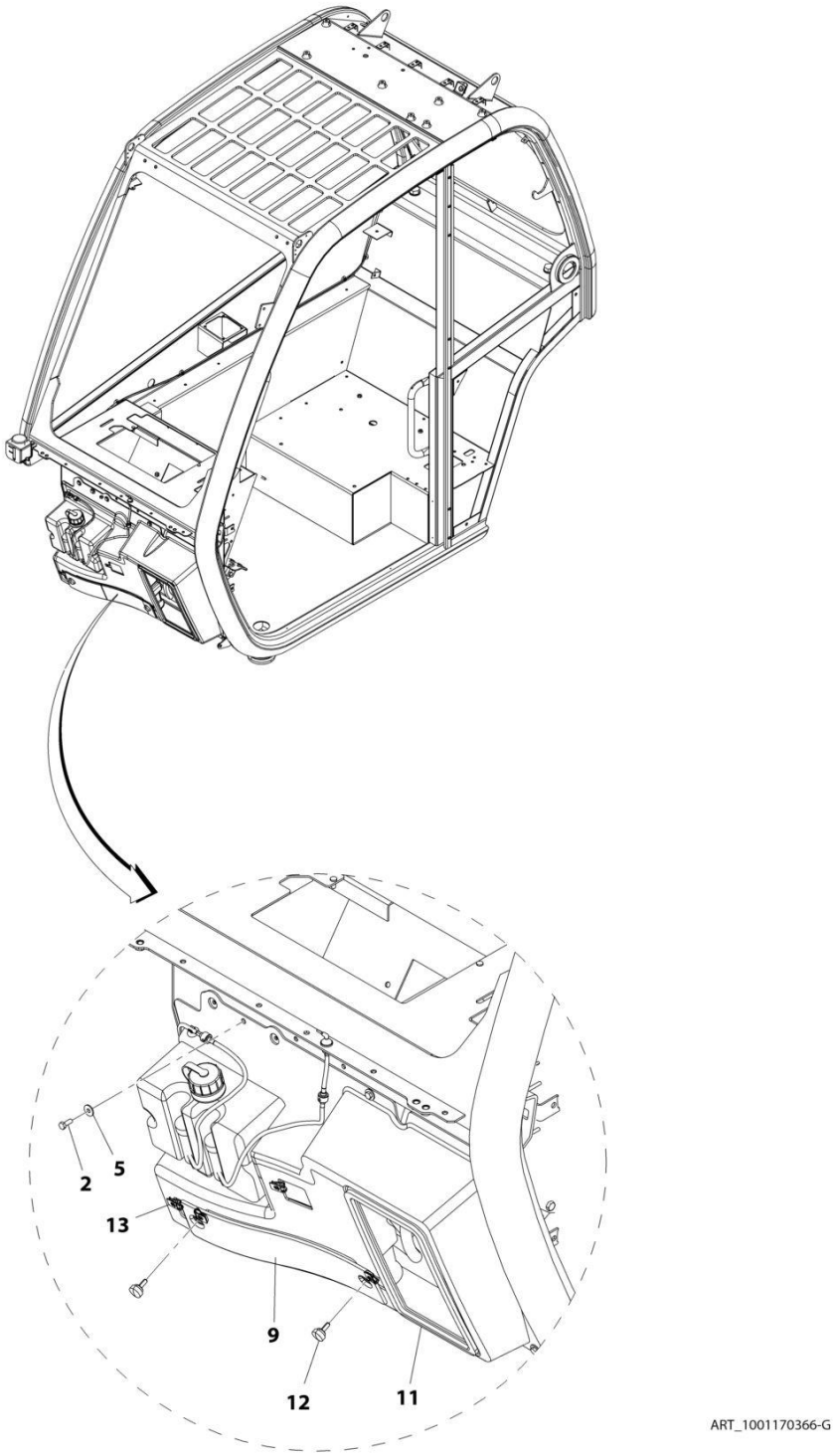
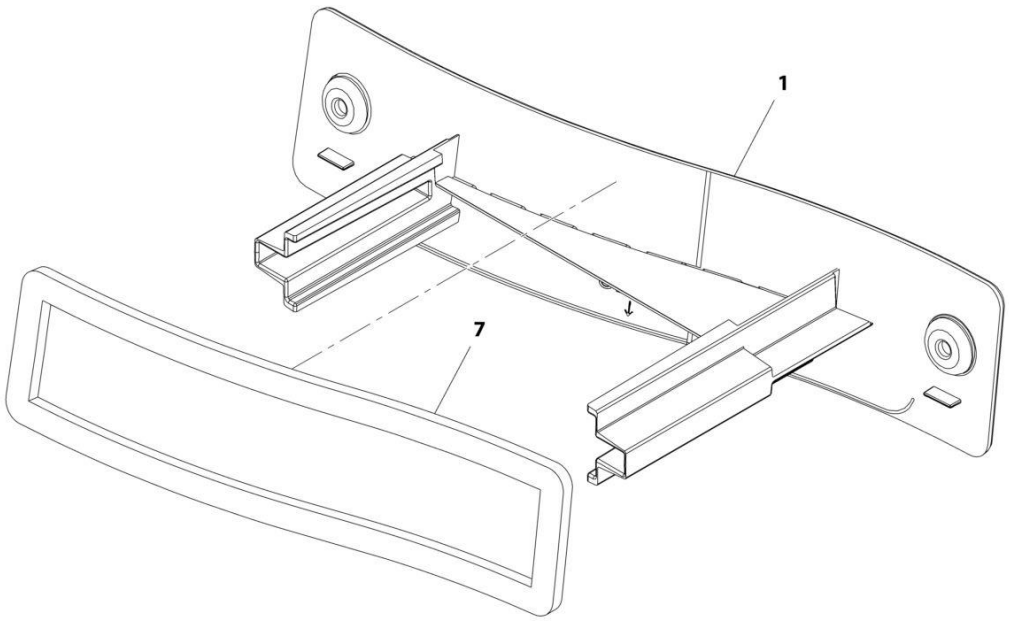


FIGURE 6-30. FRONT COVER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170366	Ref	Front Cover Installation	G
2	0760608	7	Bolt, M6X16	
5	4811702	7	Washer, M6	
9	1001175471	1	Panel, Filter Tray (See Separate Breakdown in this Section)	
11	1001176121	1	Cover, Front Duct (See Separate Breakdown in this Section)	
12	2080092	2	Thumb Screw, M6X16	
13	8305919	4	Nut, M6	

FIGURE 6-31. FILTER TRAY PANEL



ART_1001175471-D

FIGURE 6-31. FILTER TRAY PANEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175471	Ref	Filter Tray Panel	D
1	1001170993	1	Panel, Front Inlet	
7	1001171767	1	Cab, Front Panel Seal	

FIGURE 6-32. FRONT DUCT COVER

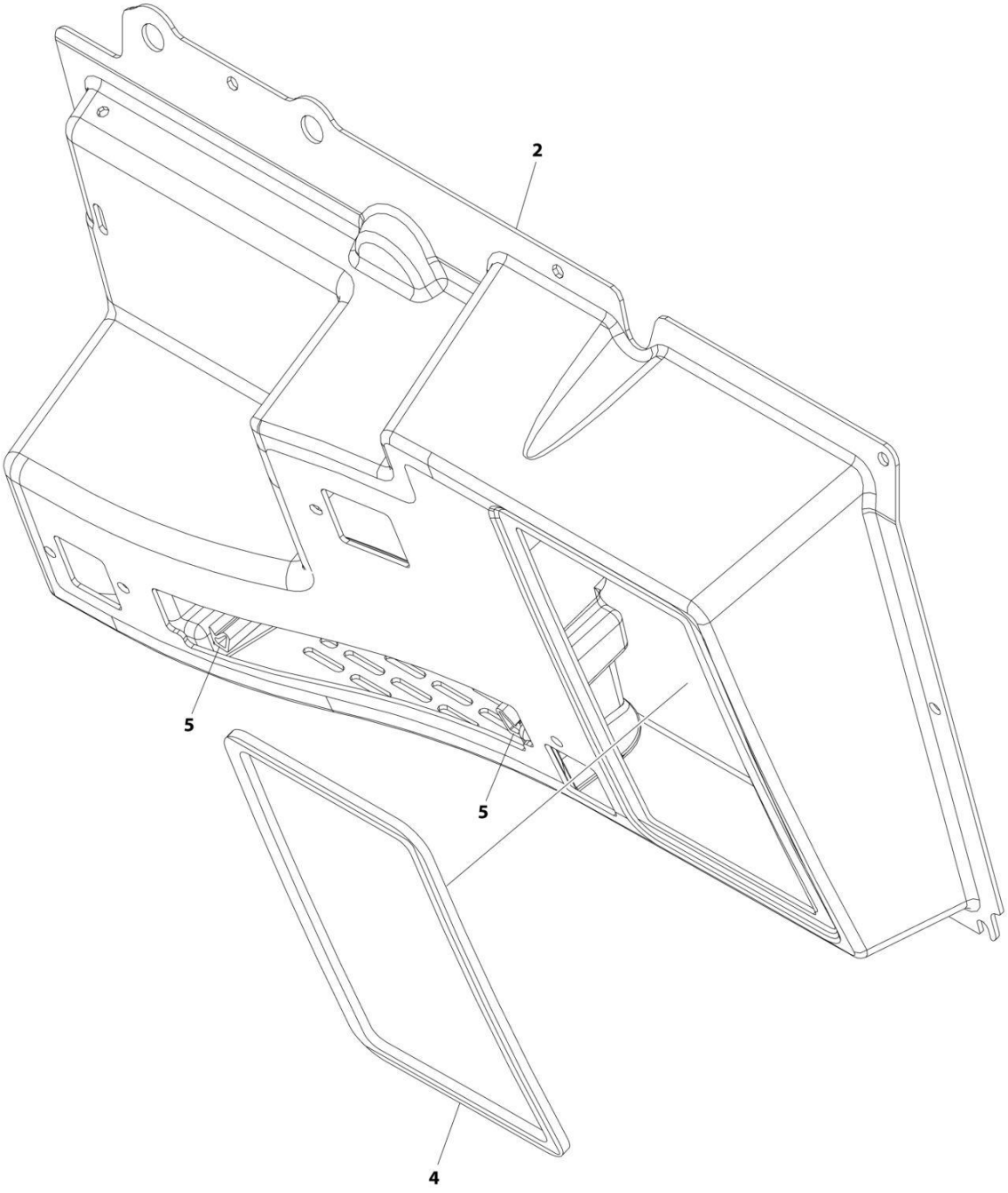


FIGURE 6-32. FRONT DUCT COVER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176121	Ref	FRONT DUCT COVER	H
2	1001170326	1	Cover, Front	
4	1001175470	1	Seal, Front Cab Panel	
5	1001270117	AR	Seal, Bulb	

FIGURE 6-33. WASHER TANK INSTALLATION

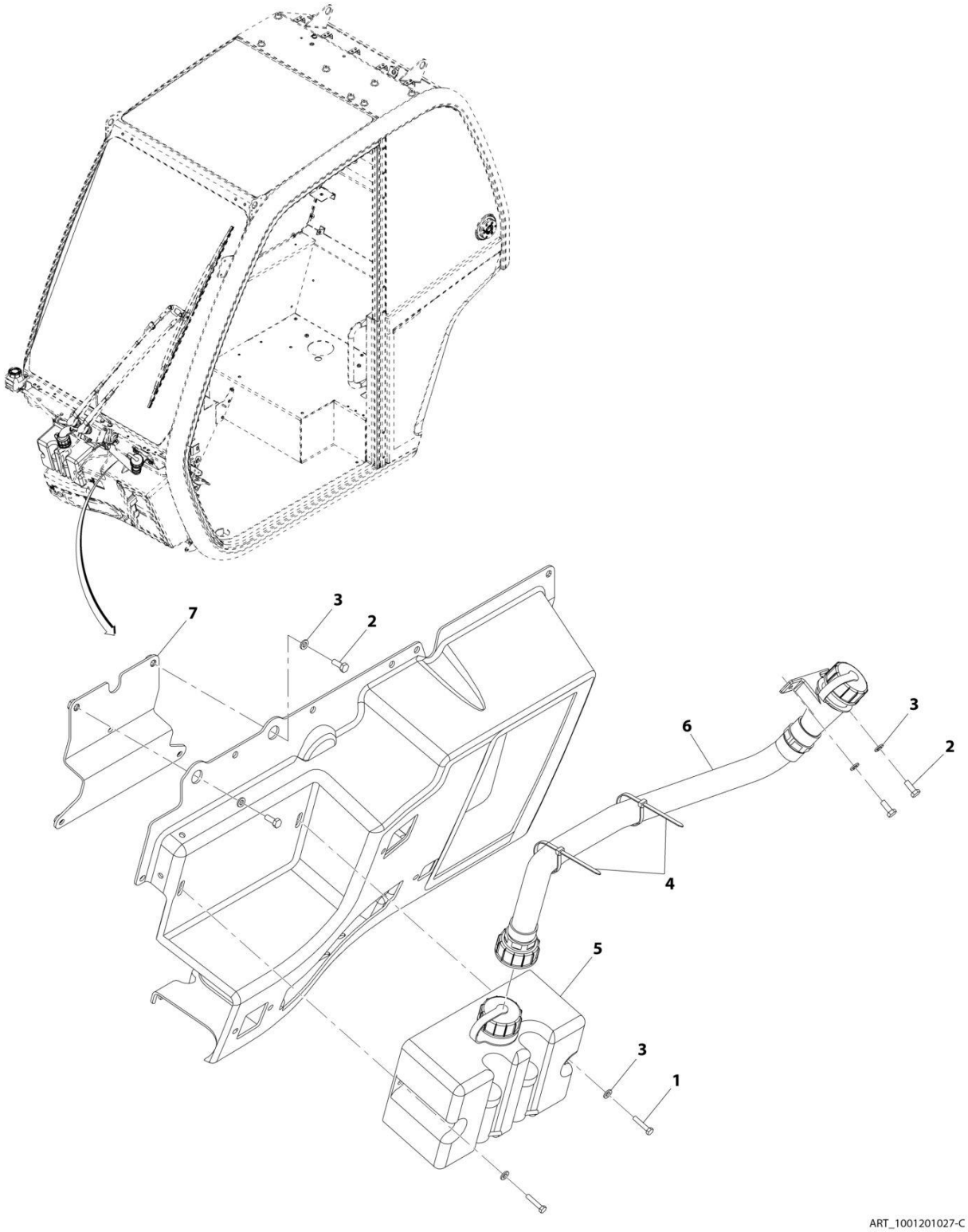
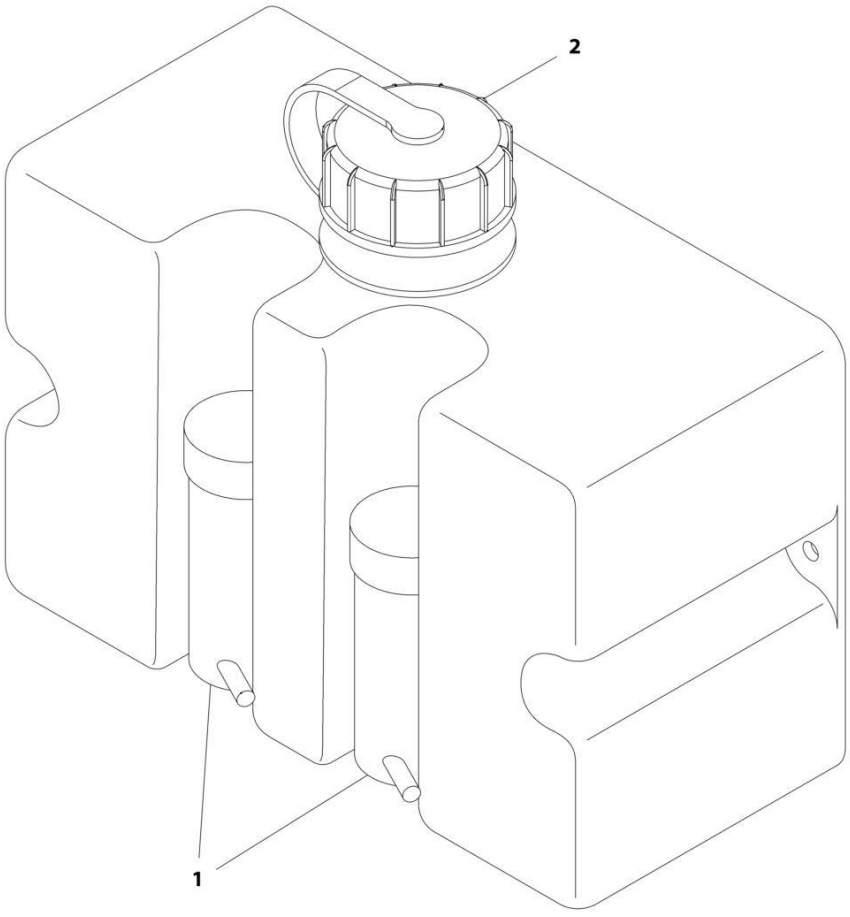


FIGURE 6-33. WASHER TANK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201027	Ref	Washer Tank Installation	C
1	0760512	2	Bolt M5X25	
2	0760608	4	Bolt, M6X16	
3	4811700	6	Washer, M6	
4	471678	2	Band, Cable	
5	1001165269	1	Bottle, Washer (See Separate Breakdown in this Section)	
6	1001165270	1	Hose, Washer Filler	
7	1001171756	1	Bracket	

FIGURE 6-34. WASHER BOTTLE



ART_1001165269-B

FIGURE 6-34. WASHER BOTTLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165269	Ref	Washer Bottle	B
1	1001165327	2	Pump, Washer	
2	1001165273	1	Cap, Washer	

FIGURE 6-35. SEAT INSTALLATION (AIR SUSPENSION - STANDARD)

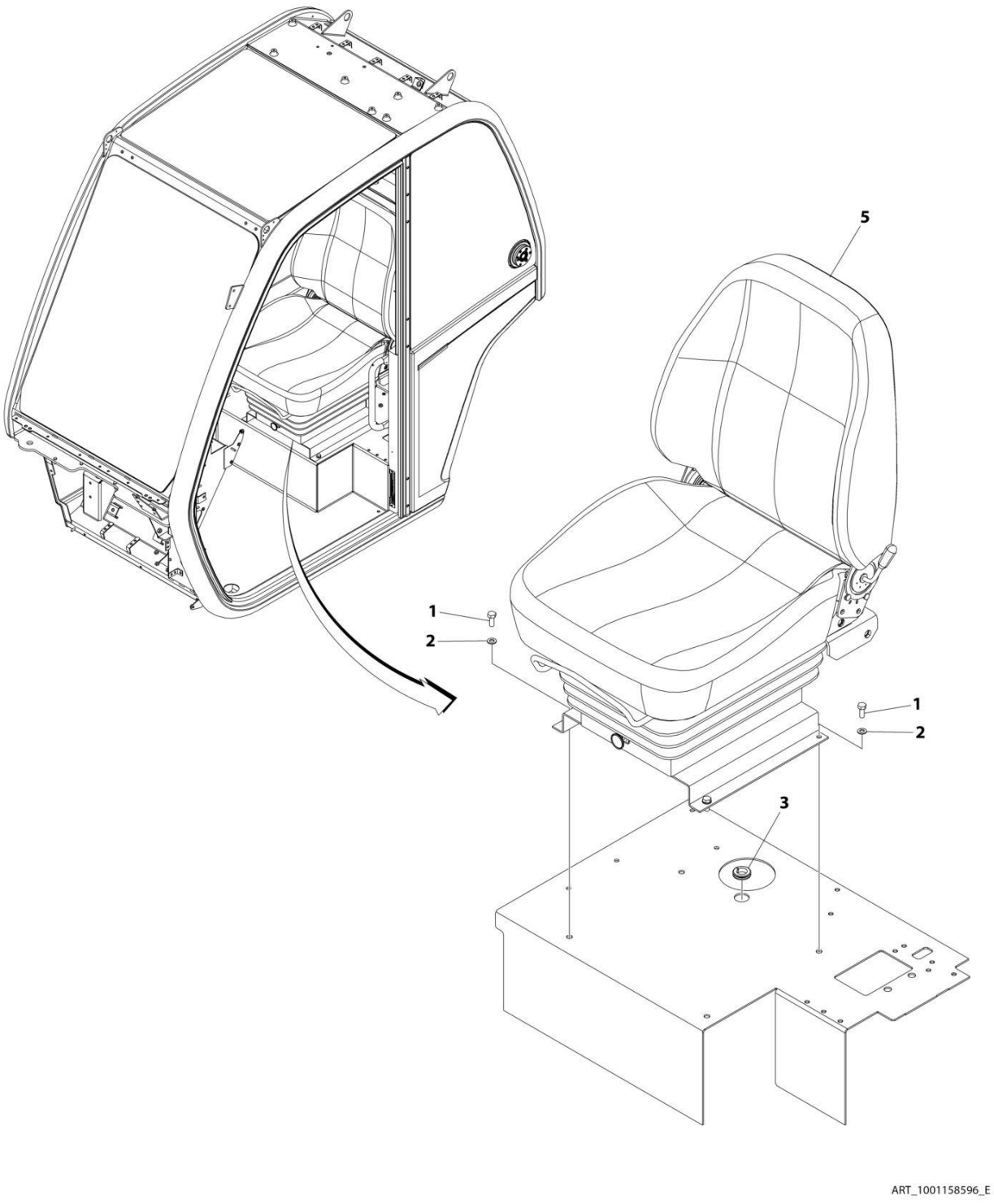


FIGURE 6-35. SEAT INSTALLATION (AIR SUSPENSION - STANDARD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158596	Ref	SEAT INSTALLATION (AIR SUSPENSION - STANDARD)	E
1	0760810	4	Bolt, M8X20	
2	4811900	4	Washer, M8	
3	1001216974	1	Grommet	
5	1001280471	1	Seat Assembly (See Separate Breakdown in this Section)	

FIGURE 6-36. SEAT ASSEMBLY (AIR SUSPENSION - STANDARD)

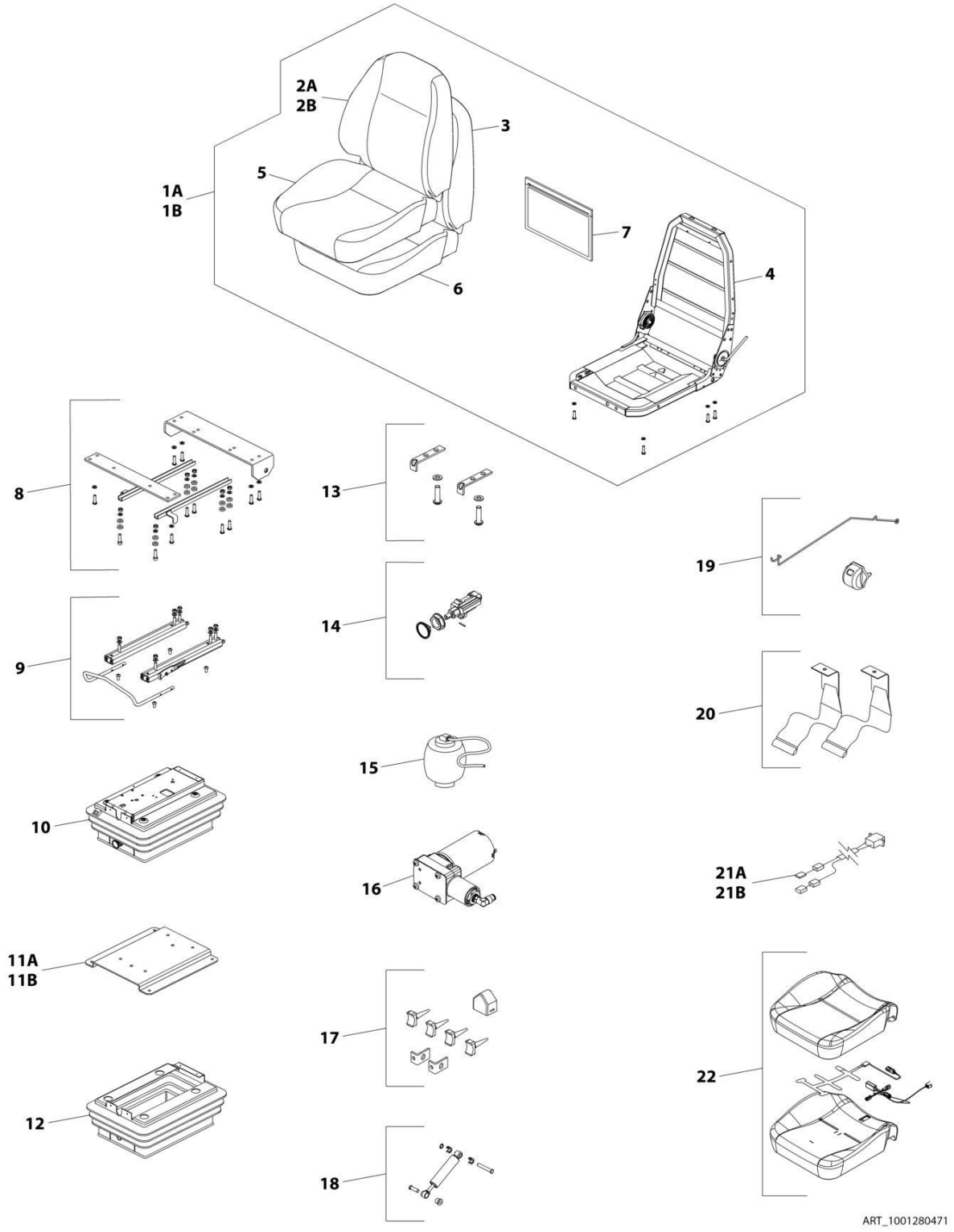


FIGURE 6-36. SEAT ASSEMBLY (AIR SUSPENSION - STANDARD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280471	Ref	SEAT ASSEMBLY (AIR SUSPENSION - STANDARD)	A
1A	70031050	1	Cushion and Frame Assembly (Without Sensor) (Includes Items 2-7)	
1B	70031051	1	Cushion and Frame Assembly (With Sensor) (Includes Items 2-7)	
2A	70027399	1	Fabric, Seat Back (Without Sensor)	
2B	70031052	1	Fabric, Seat Back (With Sensor)	
3	80264002	1	Foam, Seat Back	
4	70021314	1	Frame, Seat Bottom and Back	
5	70027394	1	Fabric, Seat Bottom	
6	80264004	1	Foam, Seat Bottom	
7	70021316	1	Document Bag Kit	
8	70021317	1	Frame Mount Kit	
9	70021318	1	Fore/Aft Side Adjustment Kit	
10	70021319	1	Suspension Kit	
11A	70021320	1	Mounting Plate Kit (16.5mm Height)	
11B	70027395	1	Mounting Plate Kit (44.5mm Height)	
12	70021321	1	Cover, Suspension	
13	70021322	1	Side Rail Stop Kit	
14	70021323	1	Air Valve Kit	
15	70021324	1	Air Spring Kit	
16	70021325	1	Compressor Kit	
17	70021326	1	Limit Switches Kit	
18	70021327	1	Damper Kit	
19	70021328	1	Ride Indicator Kit	
20	70021329	1	Seatbelts Kit	
21A	70021330	1	Seat Adapter Harness (Without Sensor)	
21B	70031053	1	Seat Adapter Harness (With Sensor)	
22	70031054	1	Cover/Foam/Sensor Kit (Includes Items 5 & 6)	

FIGURE 6-37. UPPER SEAT ASSEMBLY

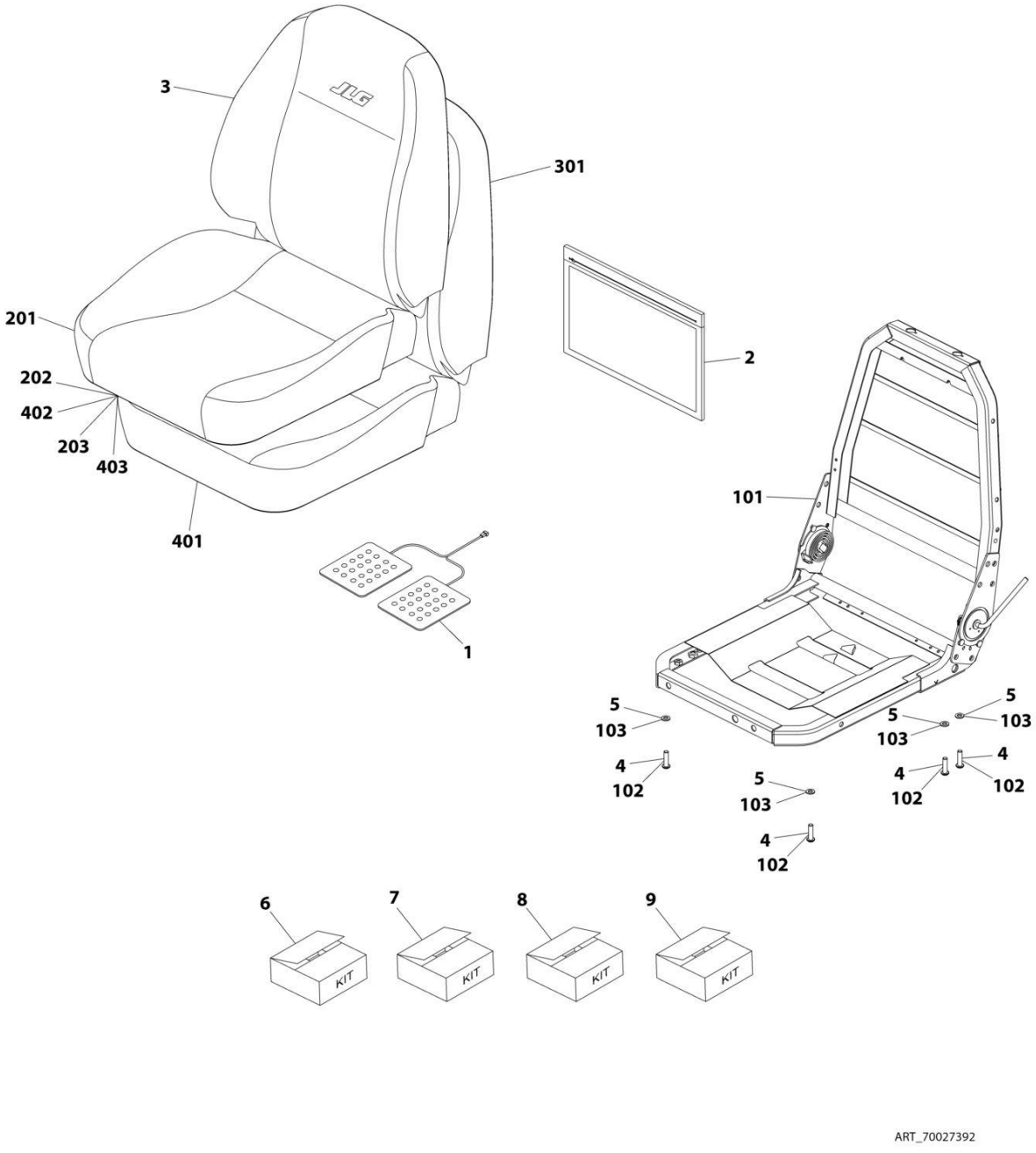


FIGURE 6-37. UPPER SEAT ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027392	Ref	Upper Seat Assembly	
1	70025539	1	Pad, Sensor	
2	70021316	1	Bag	
3	70027393	1	Cover, Back	
4	N.S.S.	4	Bolt, M8X25	
5	N.S.S.	4	Washer	
6	70021314	1	Kit, Frame (includes items 101 thru 103)	
7	70027394	1	Kit, Bottom Seat Cover (includes items 201 thru 203)	
8	80264002	1	Kit, Back Foam (includes items 301 thru 303)	
9	80264004	1	Kit, Seat Foam (includes items 401 thru 403)	
101	N.S.S.	1	Frame, Seat	
102	N.S.S.	4	Bolt, M8X25	
103	N.S.S.	4	Washer	
201	N.S.S.	1	Cover, Seat	
202	N.S.S.	2	Clip	
203	N.S.S.	17	Clip	
301	N.S.S.	1	Foam, Back	
302	N.S.S.	3	Bar, Trim	
303	N.S.S.	4	Ring	
401	N.S.S.	1	Foam, Seat	
402	N.S.S.	2	Clip	
403	N.S.S.	17	Clip	

FIGURE 6-38. SUSPENSION KIT

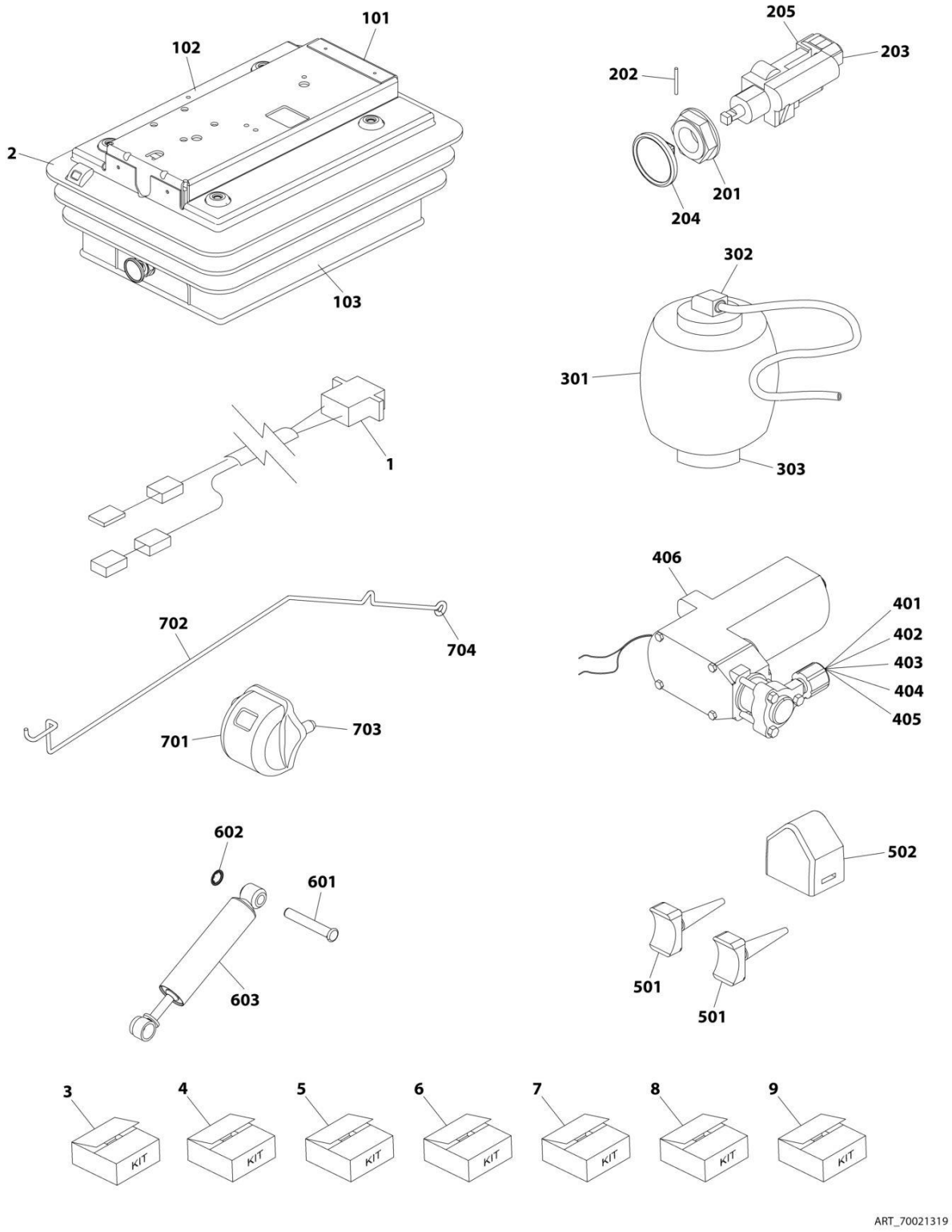


FIGURE 6-38. SUSPENSION KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70021319	Ref	Suspension Kit	
1	70021330	1	Lead, Fly	
2	N.S.S.	1	Suspension	
3	70021321	1	Kit, Suspension Cover (includes items 101 thru 103)	
4	70021323	1	Kit, Air Valve (includes items 201 thru 205)	
5	70021324	1	Kit, Air Spring (includes items 301 thru 303)	
6	70021325	1	Kit, Compressor (includes items 401 thru 406)	
7	70021326	1	Kit, Upstop/Bumpstop (includes items 501 & 502)	
8	70021327	1	Kit, Damper (includes items 601 thru 603)	
9	70021328	1	Kit, Ride Indicator (includes items 701 thru 704)	
101	N.S.S.	6	Clip, Cover	
102	N.S.S.	1	Cover, Suspension	
103	N.S.S.	5	Clip, Cover	
201	N.S.S.	1	Nut, Air Valve	
202	N.S.S.	1	Pin, Retaining	
203	N.S.S.	1	Valve, Combination	
204	N.S.S.	1	Knob	
205	N.S.S.	2	Tie, Plastic	
301	N.S.S.	1	Spring, Air	
302	N.S.S.	1	Clip	
303	N.S.S.	1	Screw, Countersunk Self Tapping	
401	N.S.S.	1	Clip	
402	N.S.S.	1	Pad	
403	N.S.S.	1	Loom	
404	N.S.S.	2	Tie, Cable	
405	N.S.S.	3	Tie, Plastic	
406	N.S.S.	1	Compressor (with Elbow)	
501	N.S.S.	2	Upstop	
502	N.S.S.	1	Bumpstop	
601	N.S.S.	2	Pin	
602	N.S.S.	2	Washer, Starlock	
603	N.S.S.	1	Damper	
701	N.S.S.	1	Indicator, Ride	
702	N.S.S.	1	Wire, Ride Indicator	
703	N.S.S.	2	Washer, Starlock	
704	N.S.S.	1	Washer, Grip M4	

FIGURE 6-39. SEAT INSTALLATION (PREMIUM)

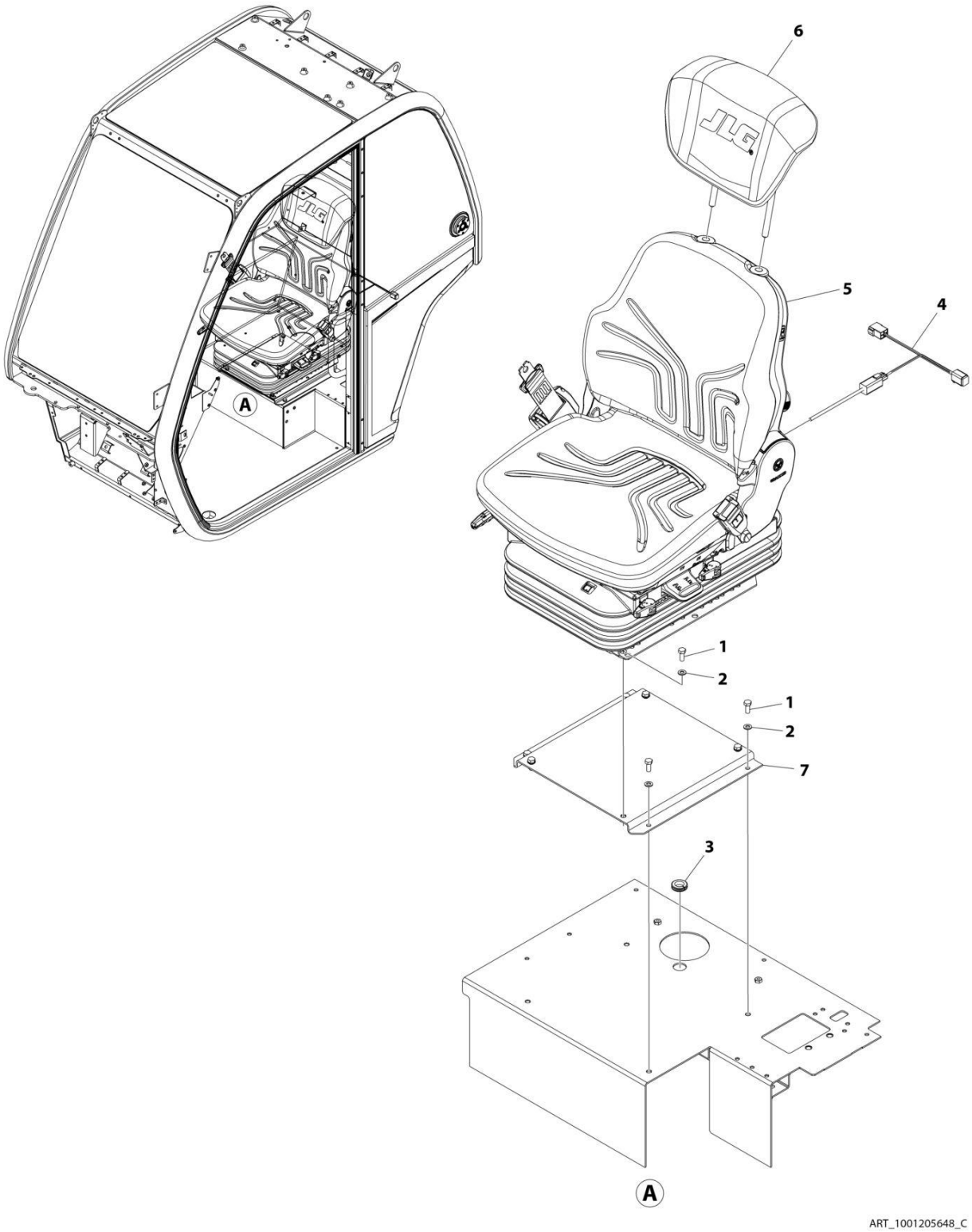


FIGURE 6-39. SEAT INSTALLATION (PREMIUM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205648	Ref	SEAT INSTALLATION (PREMIUM)	C
1	0760810	8	Bolt M8 x 20	
2	4811900	8	Washer M8	
3	1001216974	1	Grommet	
4	1001168531	1	Harness, Seat Adaptor (See Separate Breakdown in this Section)	
5	1001281613	1	Assembly, Seat (See Separate Breakdown in this Section)	
6	1001182529	1	Headrest	
7	1001158736C	1	Plinth, Seat	

FIGURE 6-40. SEAT ASSEMBLY (AIR SUSPENSION - PREMIUM)

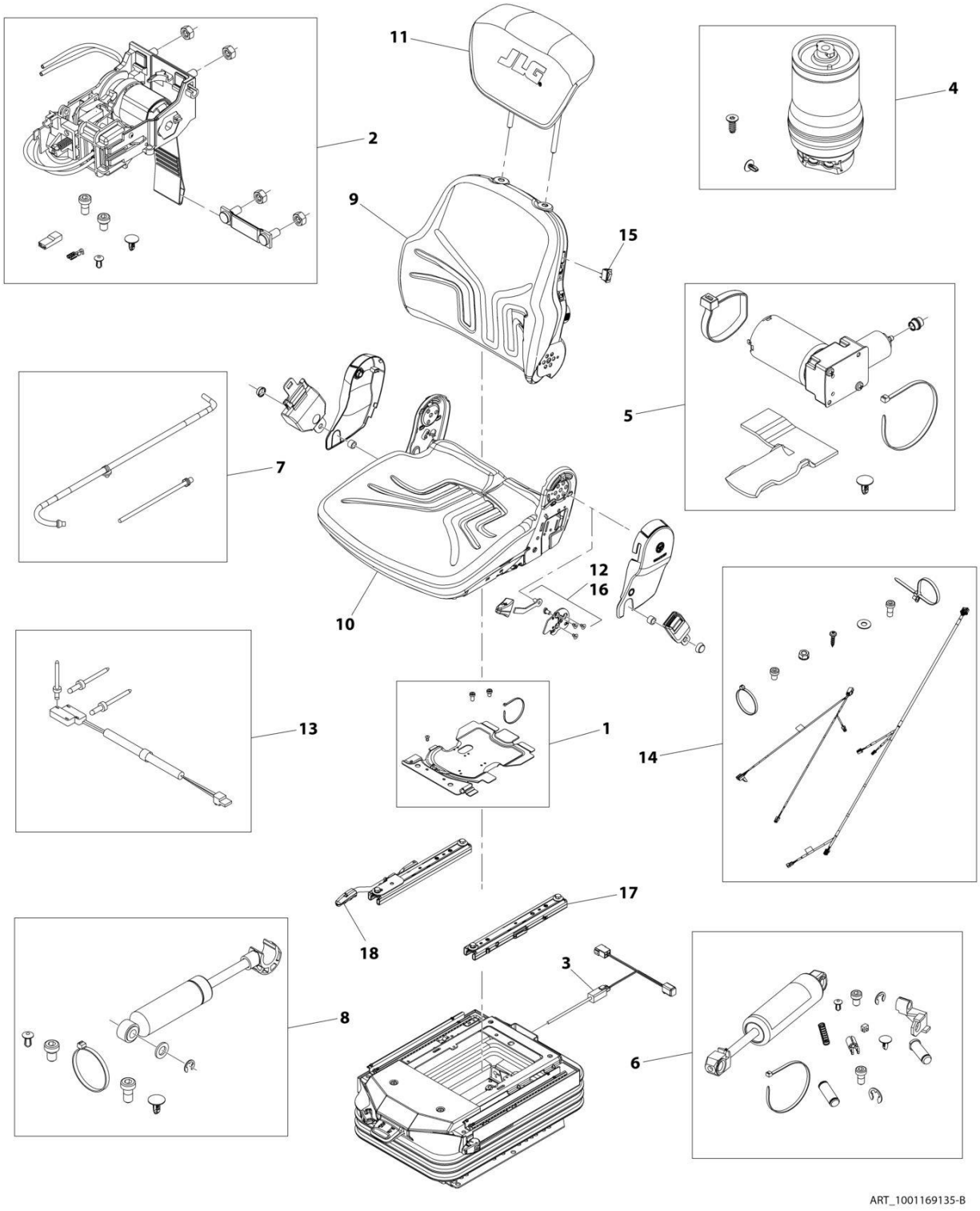
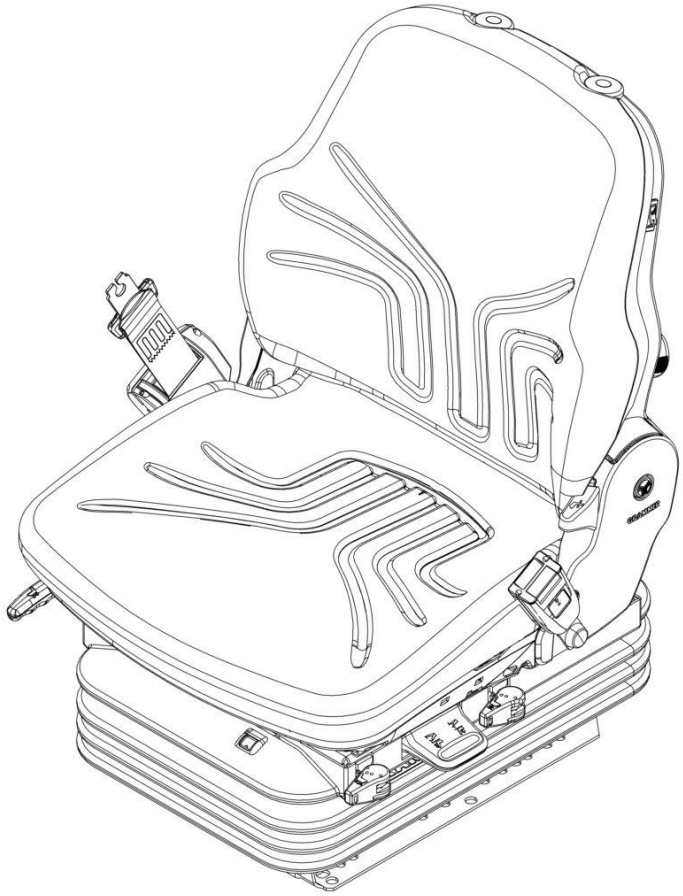


FIGURE 6-40. SEAT ASSEMBLY (AIR SUSPENSION - PREMIUM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169135	Ref	Seat Assembly (Air Suspension - Premium)	B
1	70024856	1	Cover	
2	70023182	1	Control Level Kit	
3	70023186	1	Wiring Harness, Air/Safeswitch	
4	70023184	1	Air Spring Kit	
5	70024857	1	Compressor, 12V	
6	70023181	1	Shock Absorber Kit	
7	70024459	1	Air Tubes Kit	
8	70023189	2	Shock Absorber Kit	
9	70023179	1	Back Cushion Kit	
10	70024858	1	Seat Cushion Kit	
11	1001182529	1	Headrest, Cloth	
12	70024859	1	Backrest Actuator	
13	70028326	1	Switch	
14	70024861	1	Wiring Harness	
15	70024107	1	Switch, Heater	
16	7028621	1	Handle, Backrest Angle Adjust	
17	3986643	1	Adjust Slide Kit	
18	3986610	1	Handle	

FIGURE 6-41. SEAT AIR SUSPENSION ASSEMBLY (CLOTH)



ART_1001281613

FIGURE 6-41. SEAT AIR SUSPENSION ASSEMBLY (CLOTH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281613	Ref	SEAT AIR SUSPENSION ASSEMBLY (CLOTH)	A
	See Note	NSS	Note: No Service Parts Available at Time of Printing	

FIGURE 6-42. SEAT INSTALLATION (CLOTH) (SEAOP)

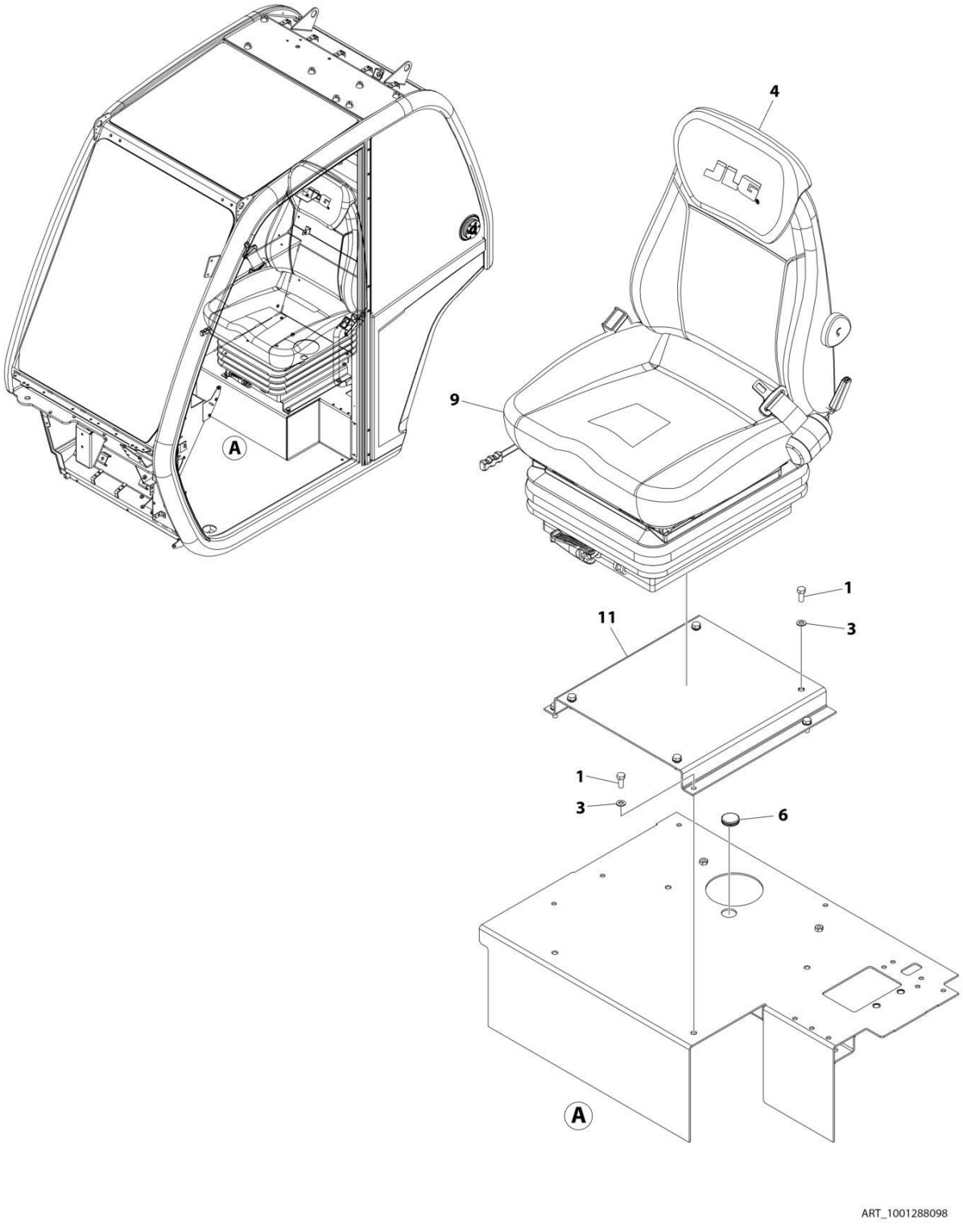


FIGURE 6-42. SEAT INSTALLATION (CLOTH) (SEAOP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001288098	Ref	SEAT INSTALLATION (CLOTH) (SEAOP)	A
1	0760810	8	Bolt M8 x 20	
3	4811900	8	Washer M8	
4	1001119467	1	Headrest, Cloth	
6	1001196076	1	Cap	
7	1001266488	1	Lamp, LED (Red) (Not Shown)	
8	1001268744	1	Seat Belt Alarm Harness (See Separate Breakdown in ELECTICAL Section) (Not Shown)	
9	1001288070	1	Seat Assembly (See Separate Breakdown in this Section)	
11	1001158738C	1	Plinth, Seat	

FIGURE 6-43. SEAT INSTALLATION (MECHANICAL)

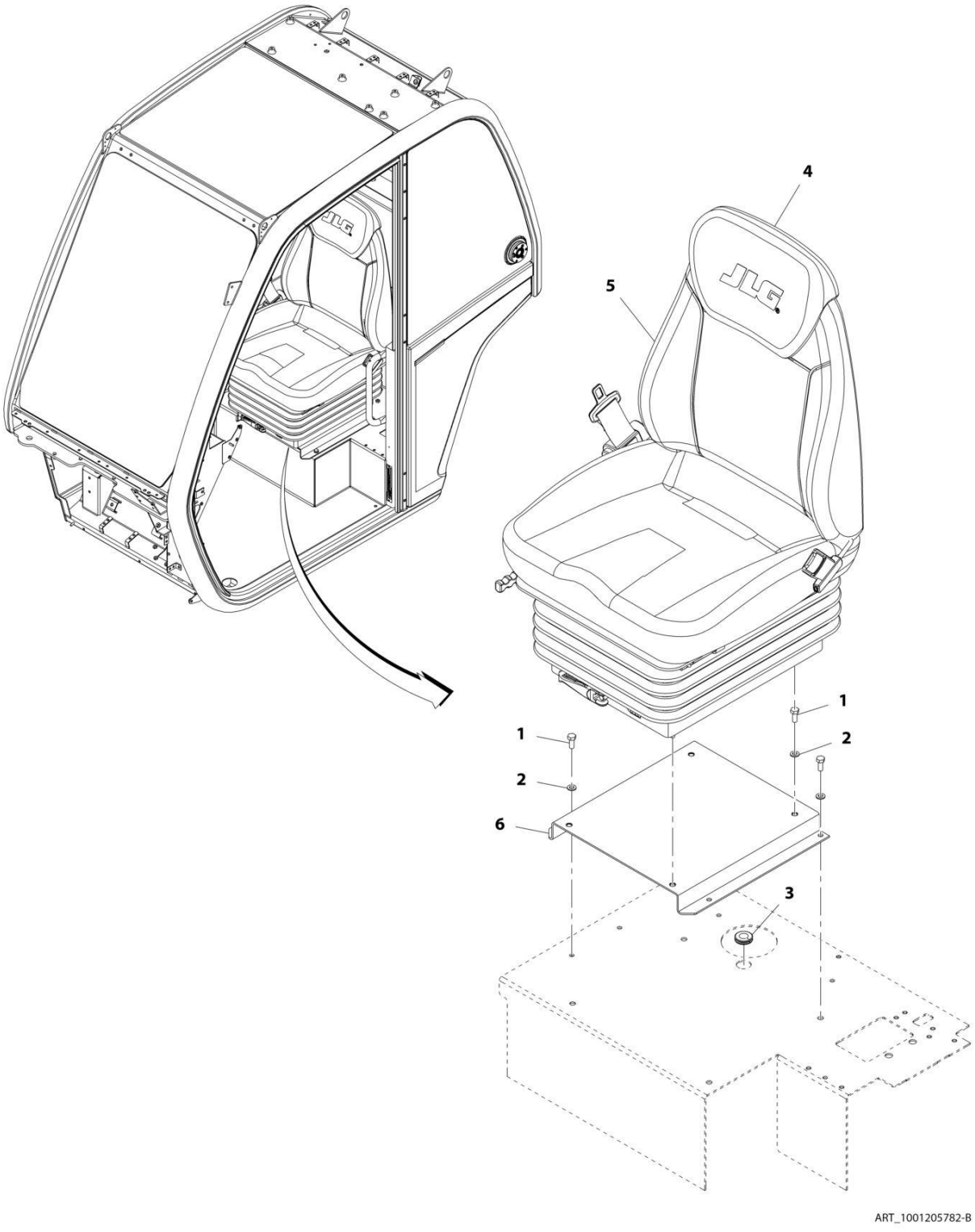


FIGURE 6-43. SEAT INSTALLATION (MECHANICAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205782	Ref	Seat Installation (Mechanical - JLG)	C
1	0760810	8	Bolt, M8X20	
2	4811900	8	Washer, M8	
3	1001216974	1	Grommet	
4	1001119467	1	Headrest, Cloth	
5	1001288070	1	Seat, Assembly (See Separate Breakdown in this Section)	
6	1001205514	1	Plinth, Seat	

FIGURE 6-44. SEAT ASSEMBLY

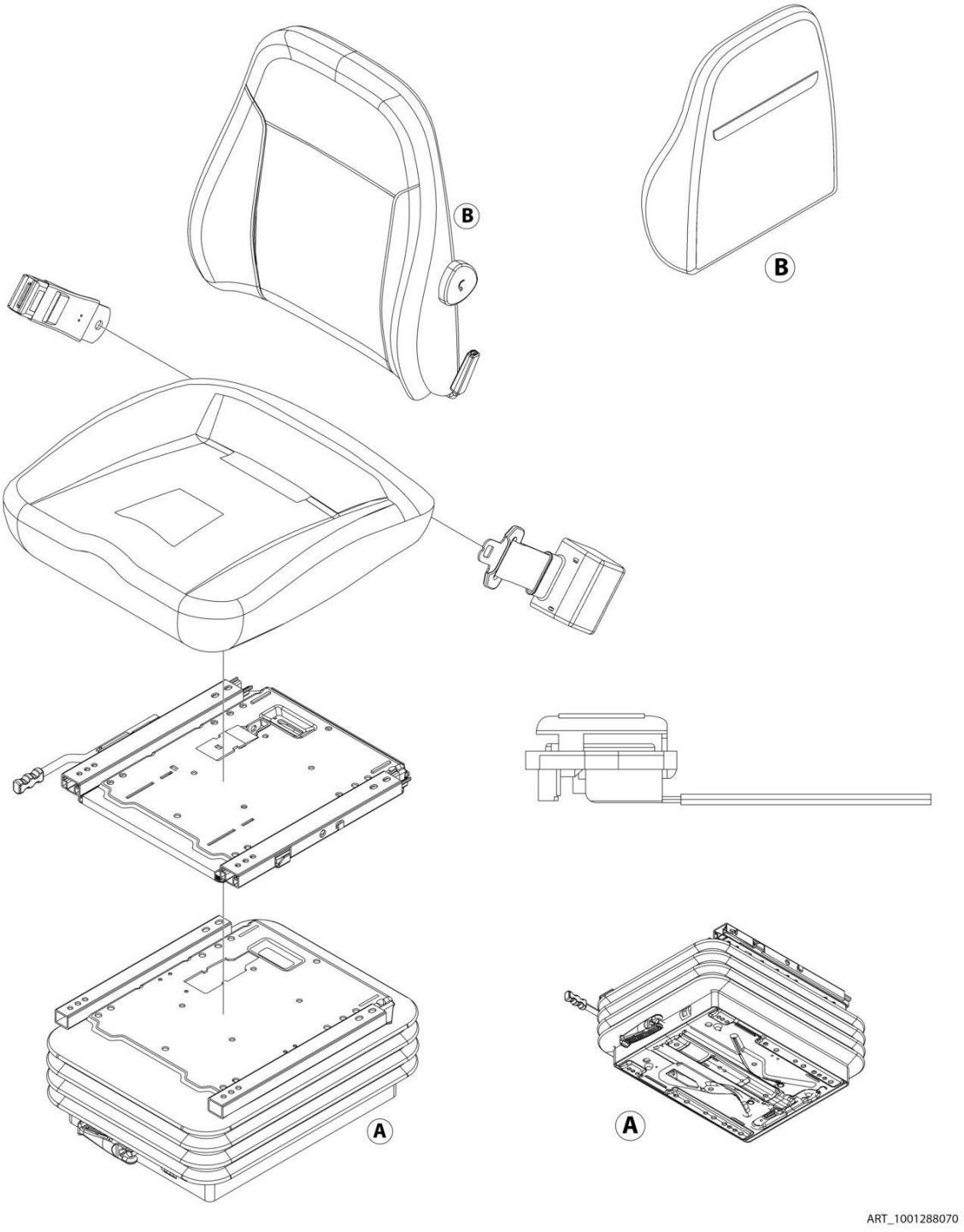


FIGURE 6-44. SEAT ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001288070	Ref	SEAT ASSEMBLY	B
	See Note	NSS	Note: No Available Parts at time of Printing	

FIGURE 6-45. SEAT BELT INSTALLATION (2IN)

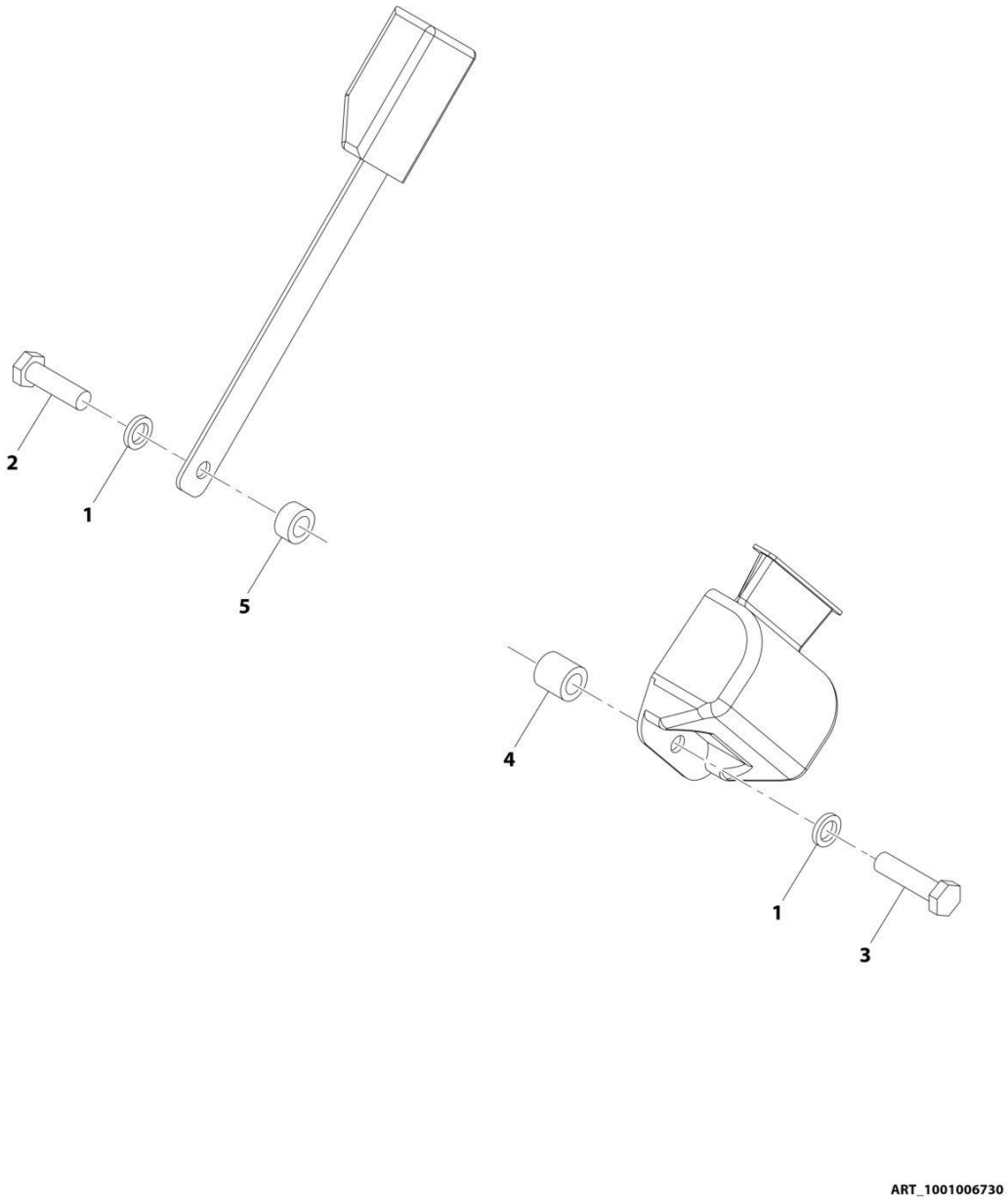


FIGURE 6-45. SEAT BELT INSTALLATION (2IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001006730	Ref	Seat Belt Installation (2IN)	H
1	1001010646	2	Washer	
2	1001010647	1	Bolt	
3	1001010648	1	Bolt	
4	1001010649	1	Spacer, Shim	
5	1001010650	1	Spacer, Shim	

FIGURE 6-46. SEAT BELT INSTALLATION (3IN)

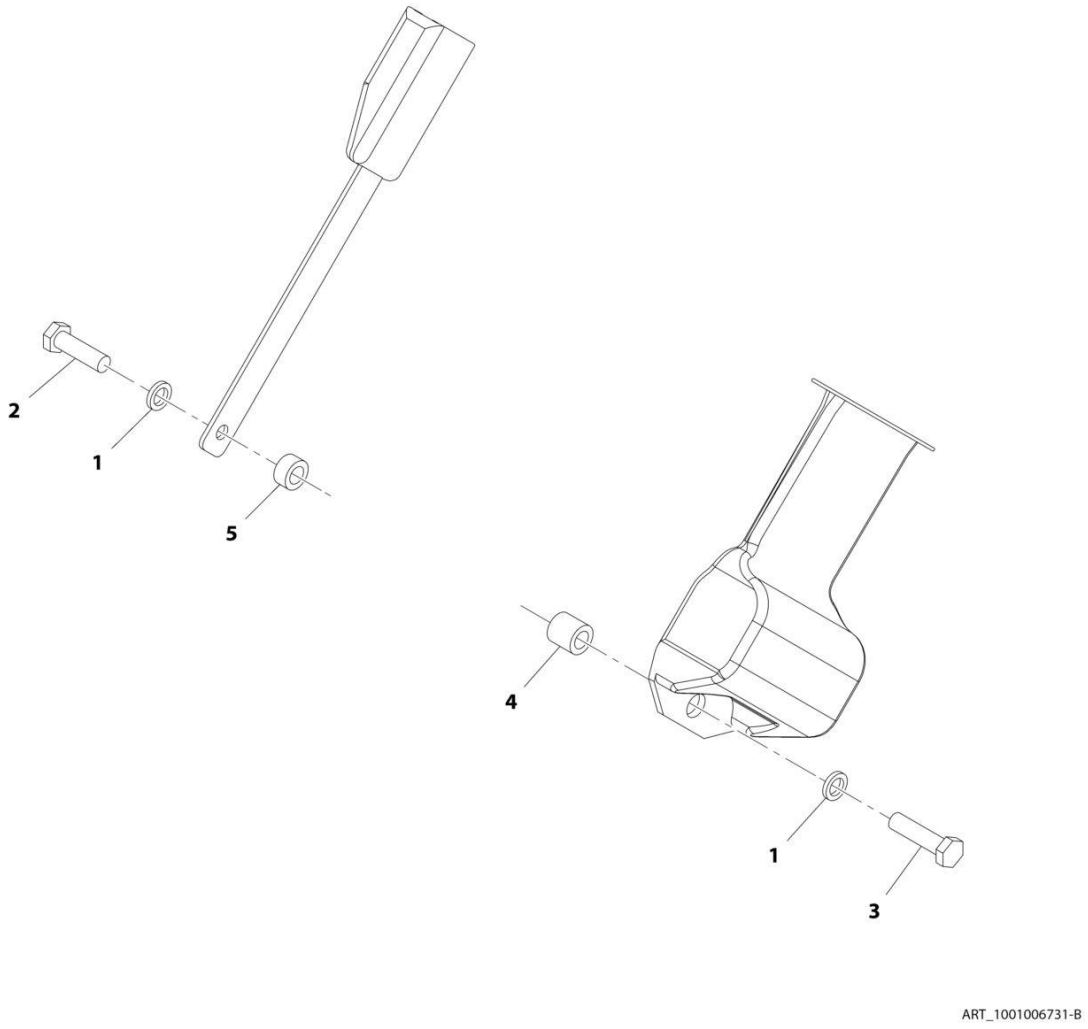


FIGURE 6-46. SEAT BELT INSTALLATION (3IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001006731	Ref	Seat Belt Installation (3IN)	B
1	1001010646	2	Washer	
2	1001010647	1	Bolt	
3	1001010648	1	Bolt	
4	1001010649	1	Spacer	
5	1001010650	1	Spacer	

FIGURE 6-47. SEAT BELT INSTALLATION (3IN)(NON KAB SEAT)

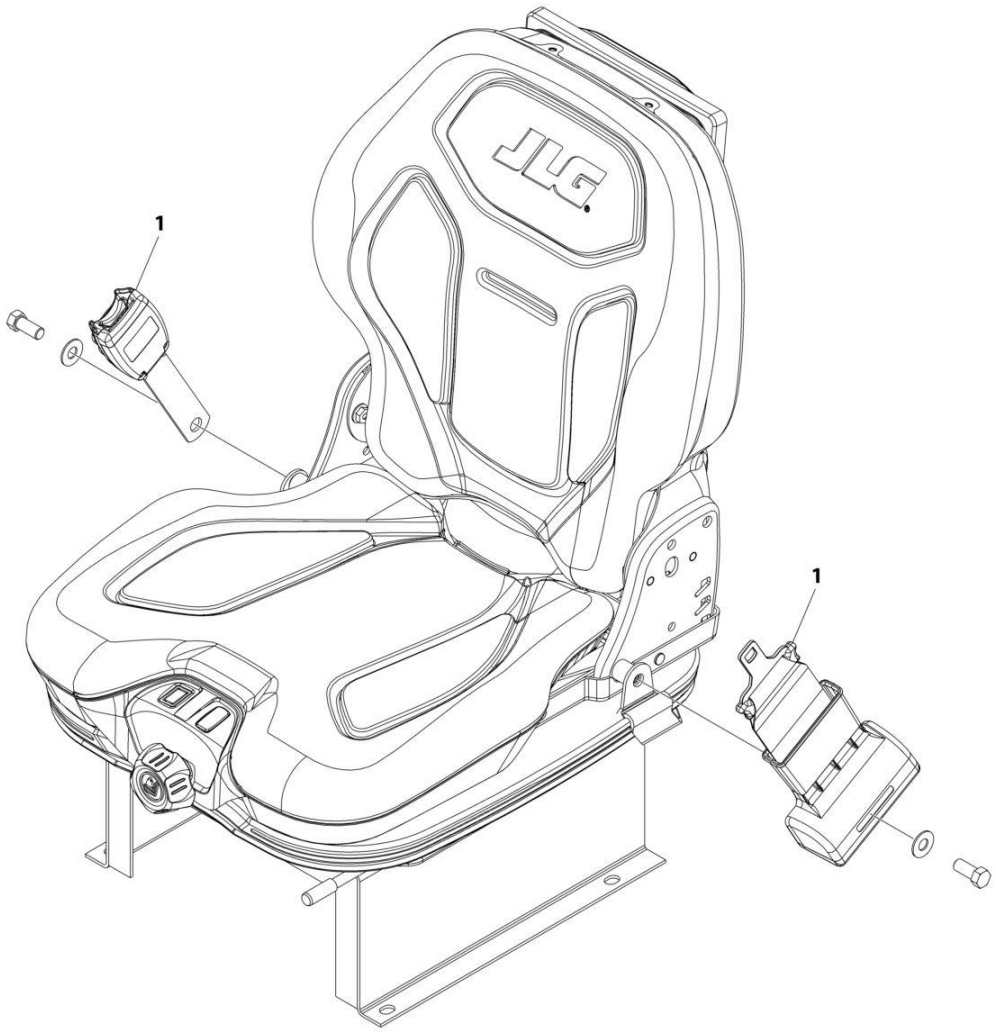


FIGURE 6-47. SEAT BELT INSTALLATION (3IN)(NON KAB SEAT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258245	Ref	Seat Belt Installation (3in Width)	B
1	1001258244	1	Seat Belt (3in) (Black Strap)	
1	1001275933	1	Seat Belt (3in) (Orange Strap)	

FIGURE 6-48. HEATER INSTALLATION

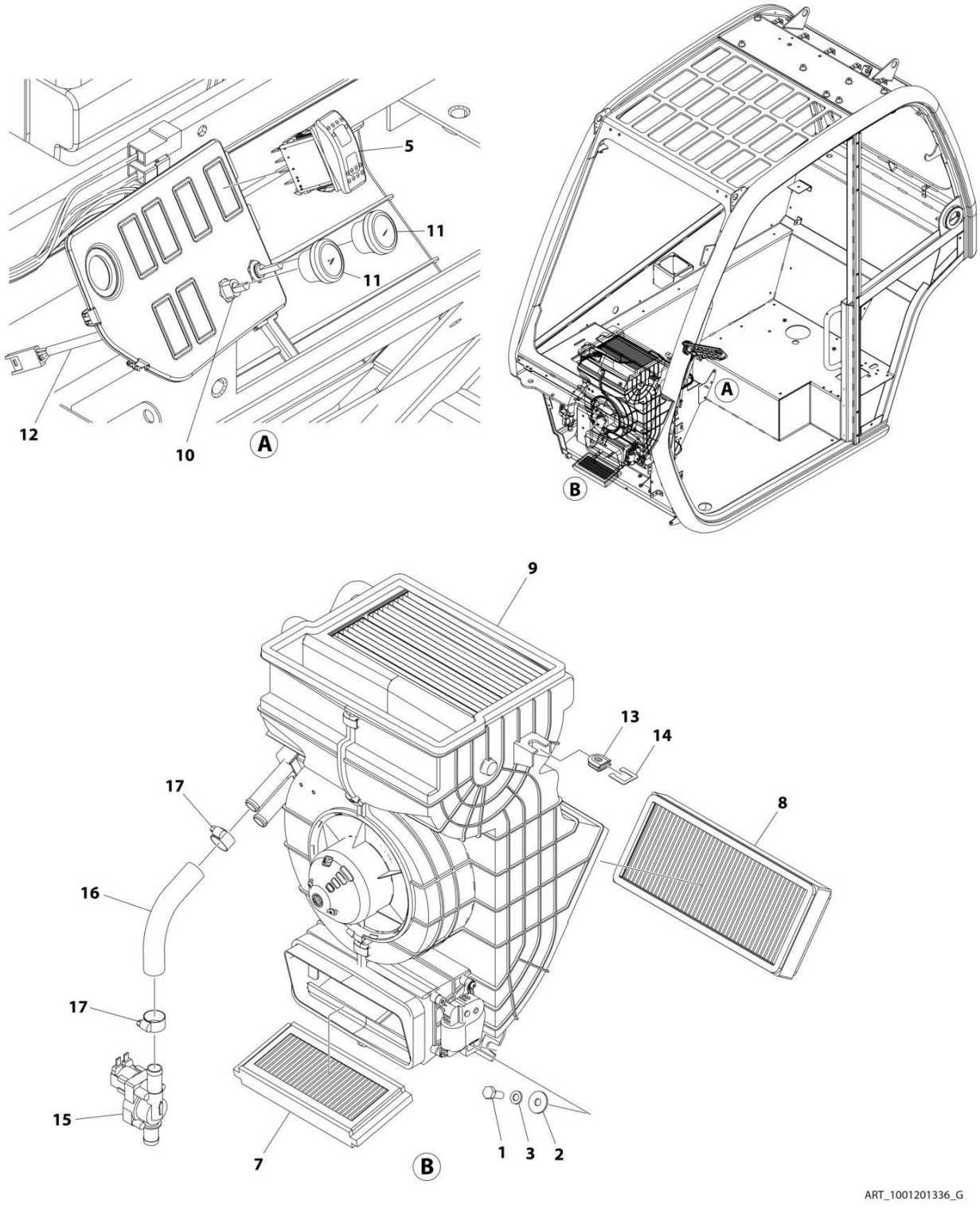


FIGURE 6-48. HEATER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201336	Ref	HEATER INSTALLATION	G
1	0760810	2	Bolt M8 x 20	
2	4811902	2	Washer M8	
3	4831900	2	Washer M8	
5	1001159925	1	Switch, HVAC Recycle	
7	1001218996	1	Filter, HVAC Air	
8	1001172553	1	Filter, HVAC Recirculation Air	
9	1001268828	1	Assembly, Heater (See Separate Breakdown in this Section)	
10	1001172547	1	Switch	
11	1001172550	2	Knob, HVAC	
12	1001270976	1	Control, HVAC	
13	1001188590	2	Grommet	
14	1001218542	2	Shim	
15	1001221059	1	Valve, HVAC	
16	1001221295	1	Hose	
17	8410009	2	Clamp	

FIGURE 6-49. HEATER ASSEMBLY

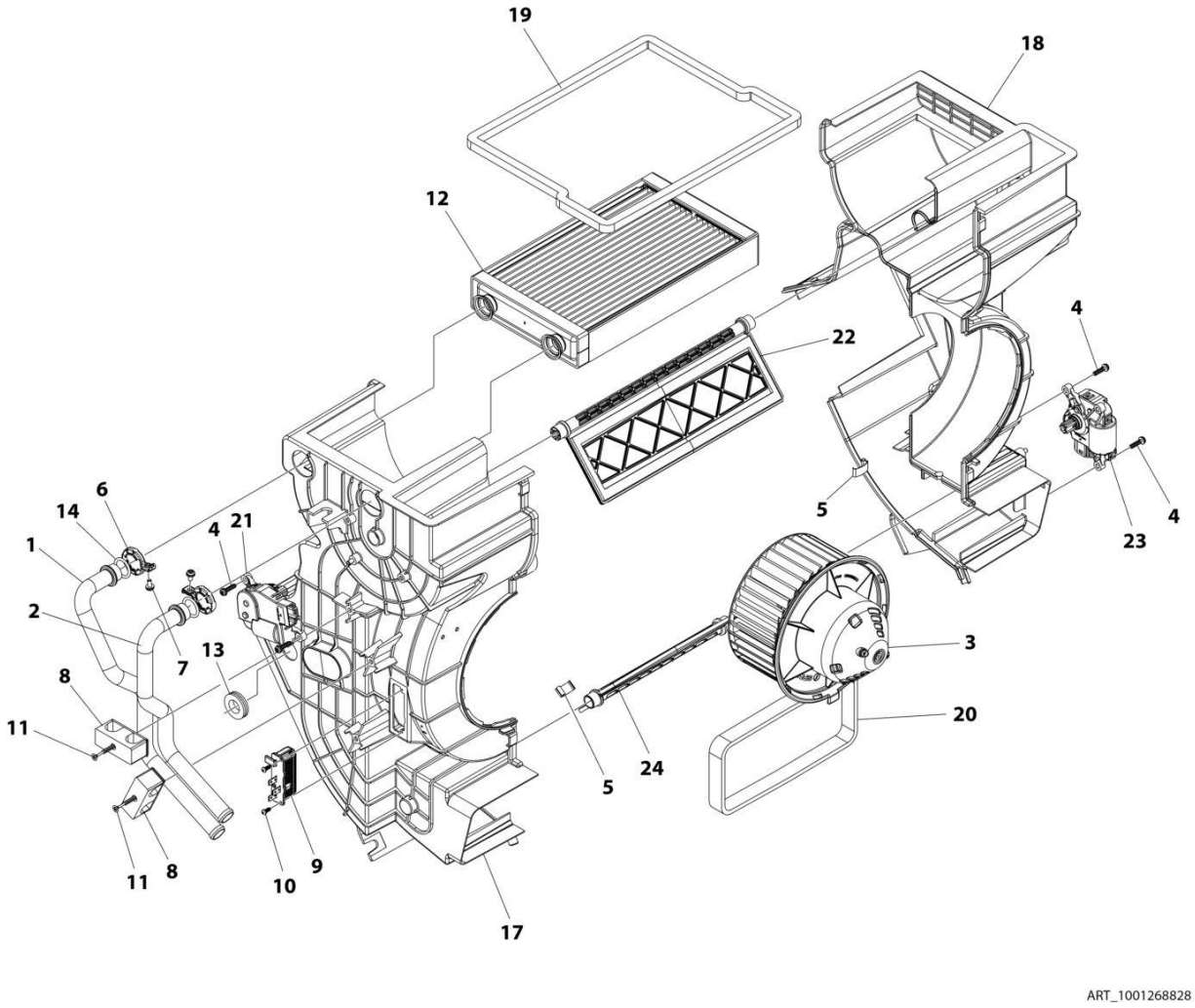
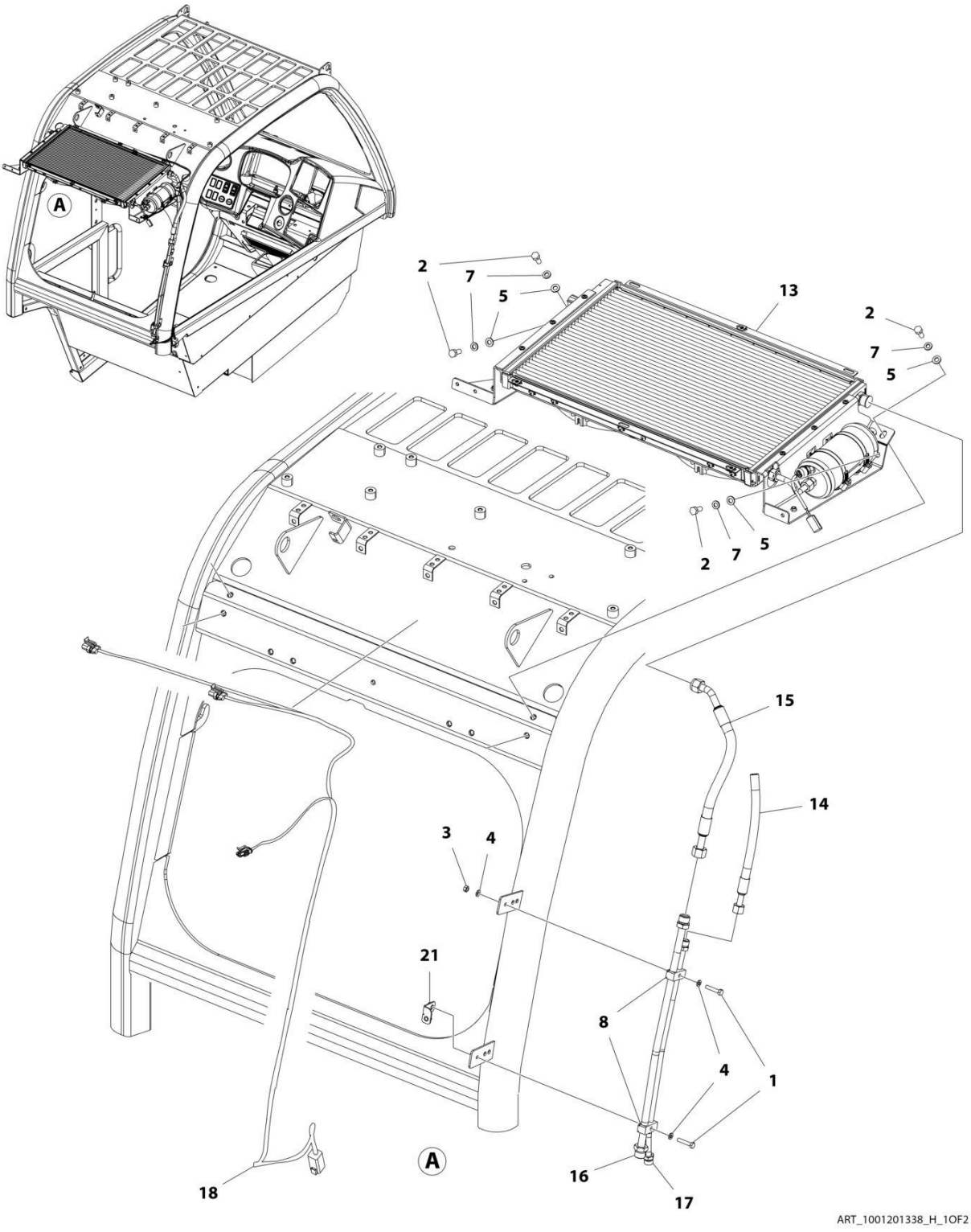


FIGURE 6-49. HEATER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001268828	Ref	HEATER	B
1	1001184296	1	Pipe, Water	
2	1001184297	1	Pipe, Water	
3	1001188594	1	Fan, 12V	
4	1001188602	4	Screw	
5	1001188603	9	Clamp	
6	1001188604	2	Clamp	
7	1001188610	2	Screw	
8	1001188612	2	Clamp	
9	1001188614	1	Resistor	
10	1001188720	2	Screw	
11	1001188725	2	Screw	
12	1001188729	1	Radiator, Heater Core	
13	1001188733	1	Grommet	
14	1001189025	2	O-Ring	
17	1001269555	1	Housing, RH	
18	1001269556	1	Housing, LH	
19	1001269558	1	Foam, Air Outlet	
20	1001269559	1	Foam, Air Inlet	
21	1001269560	1	Actuator, Fresh/Recirculation Air	
22	1001269561	1	Flap, Mixing	
23	1001269563	1	Actuator, Fresh/Recirculation Air	
24	1001269564	1	Flap, HVAC Fresh	

FIGURE 6-50. HEATER AND A/C INSTALLATION



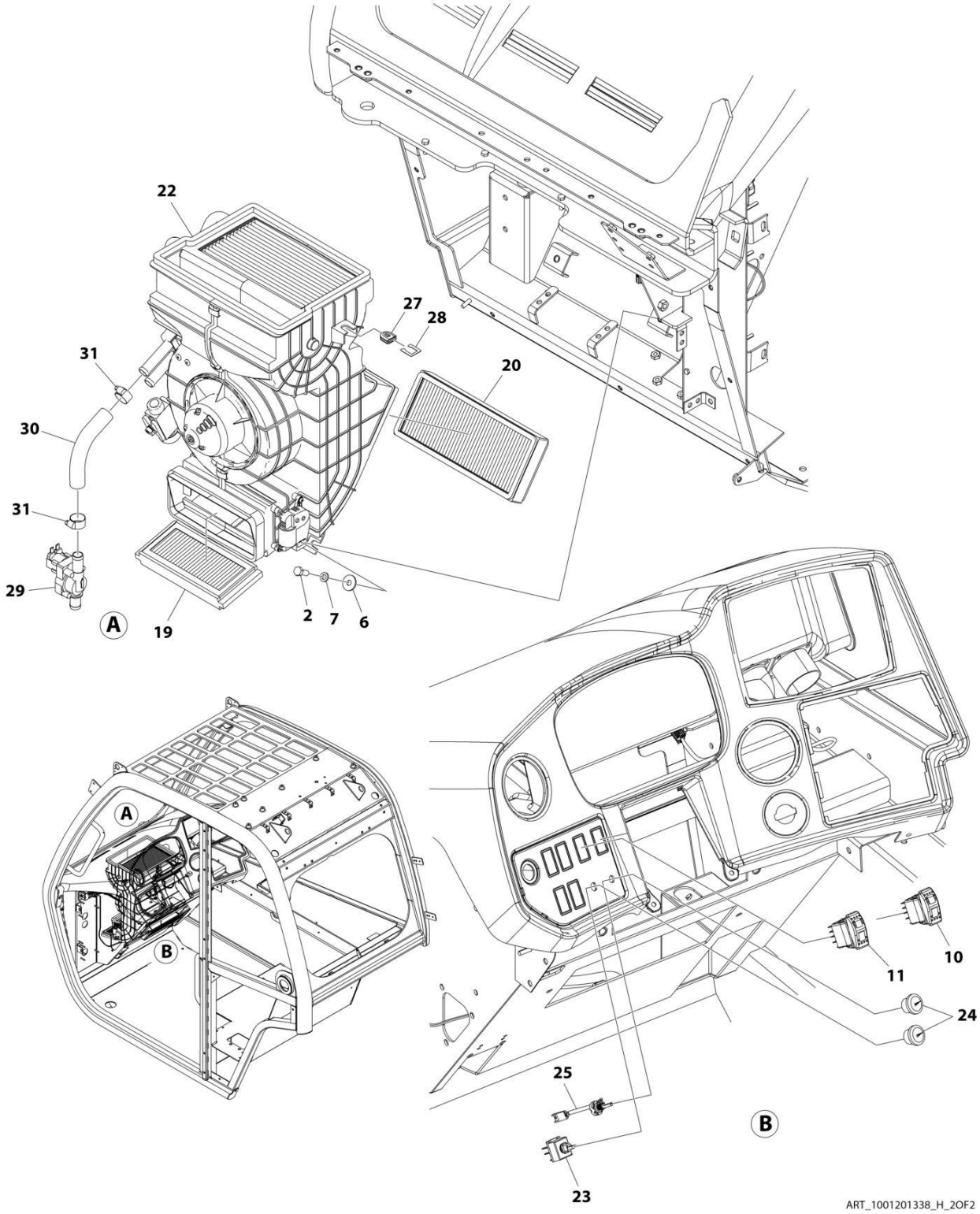

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B
23
ART_1001201338_H_2OF2

FIGURE 6-50. HEATER AND A/C INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201338	Ref	HEATER AND A/C INSTALLATION	H
1	0700614	2	Bolt M6 x 30	
2	0760810	6	Bolt M8 x 20	
3	3290601	1	Nut M6 x 1	
4	4811700	3	Washer M6	
5	4811900	4	Washer M8	
6	4811902	2	Washer M8	
7	4831900	6	Washer M8	
8	1001145539	2	Support, Pipe	
10	1001159925	1	Switch, HVAC Recycle	
11	1001160326	1	Switch, HVAC On/Off	
13	1001162953	1	Assembly, Cab Condenser (See Separate Breakdown in this Section)	
14	1001168327	1	Hose	
15	1001168330	1	Hose	
16	1001168331	1	Tube	
17	1001168456	1	Tube	
18	1001169151	1	Harness, A/C Option (See Separate Breakdown in ELECTRICAL Section)	
19	1001218996	1	Filter, HVAC Fresh Air	
20	1001172553	1	Filter, HVAC Air Recirculation	
21	1001178170	1	Bracket	
22	1001268832	1	Assembly, Heater and A/C (See Separate Breakdown in this Section)	
23	1001172547	1	Switch, HVAC Rotary 3 Speed	
24	1001172550	2	Knob, HVAC Control	
25	1001270976	1	Cable, HVAC	
27	1001188590	2	Grommet	
28	1001218542	2	Shim	
29	1001221059	1	Valve, HVAC	
30	1001221259	1	Hose	
31	8410009	2	Clamp	

FIGURE 6-51. CAB CONDENSER ASSEMBLY

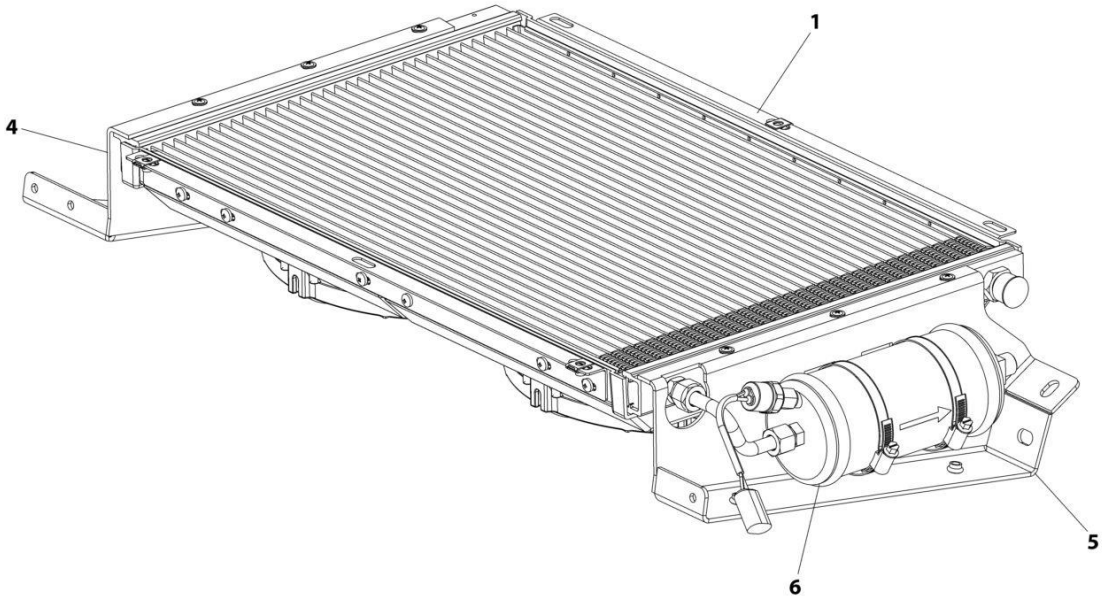


FIGURE 6-51. CAB CONDENSER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162953	Ref	Cab Condenser Assembly	G
1	1001167266	1	Condenser (See Separate Breakdown in this Section)	
4	1001179080	1	Bracket	
5	1001179081	1	Bracket	
6	1001179130	1	Drier, A/C Receiver (See Separate Breakdown in this Section)	

FIGURE 6-52. CONDENSER

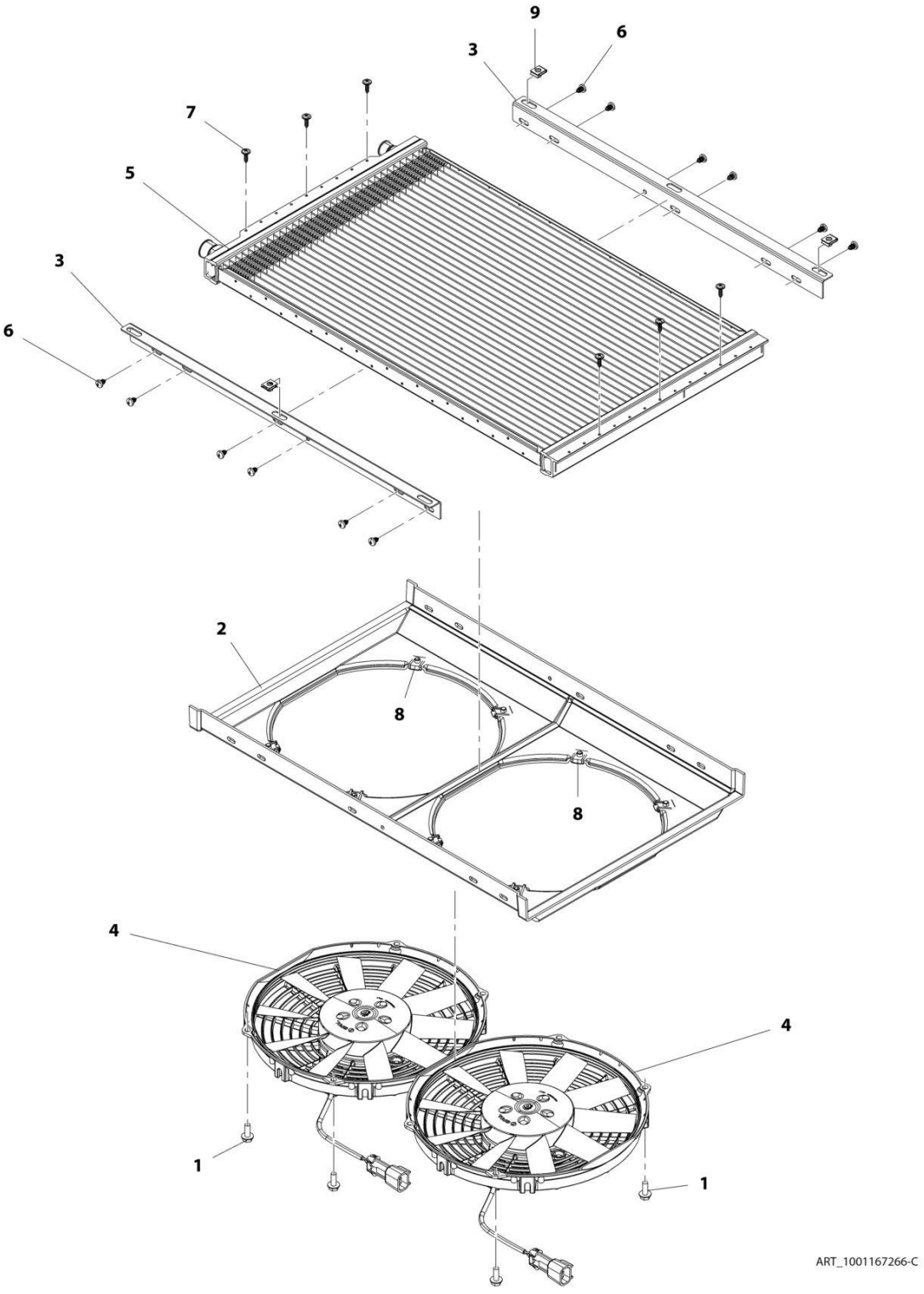


FIGURE 6-52. CONDENSER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167266	Ref	Condenser	C
1	5250608	8	Bolt, M6X16	
2	1001195342	1	Bracket, Condenser Fan Mount	
3	1001195343	2	Support, Condenser	
4	1001195345	2	Fan, Condenser	
5	1001195346	1	Condenser	
6	1001195385	12	Screw, M3.9X9.5	
7	1001195386	6	Screw, M4.2X16	
8	1001195437	8	Clip, M6X1	
9	1001195438	3	Clip, M6X1	

FIGURE 6-53. A/C RECEIVER DRIER

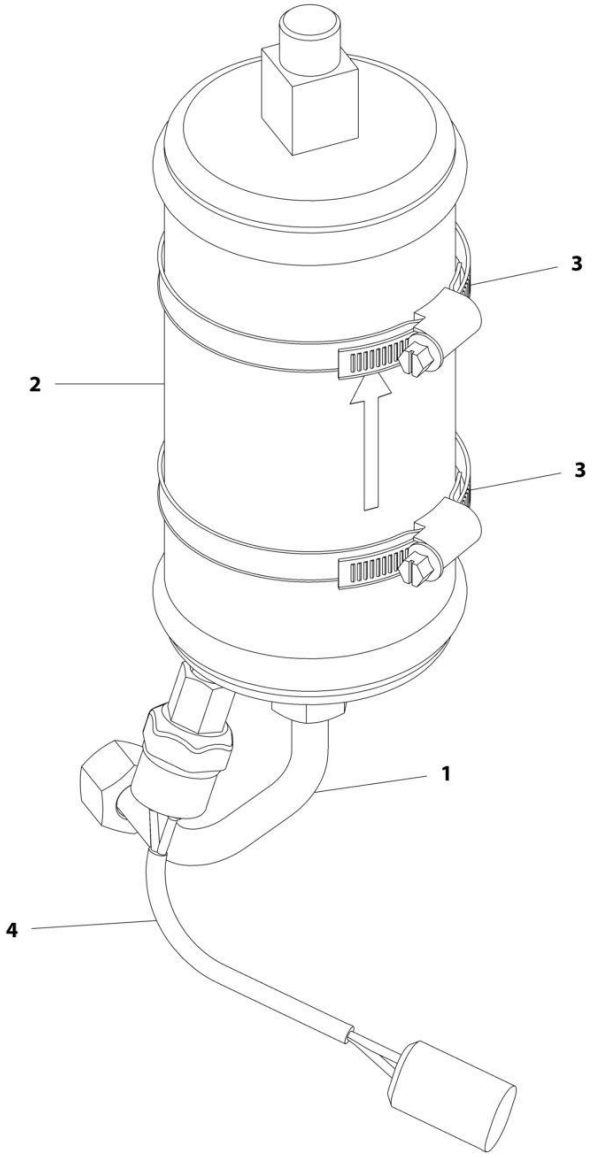


FIGURE 6-53. A/C RECEIVER DRIER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179130	Ref	A/C Receiver Drier	B
1	1001184403	1	Tube, Heater	
2	1001184404	1	Receiver, Heater Drier	
3	1001184405	2	Clamp	
4	1001184406	1	Connector, Heater	

FIGURE 6-54. HEATER AND A/C ASSEMBLY

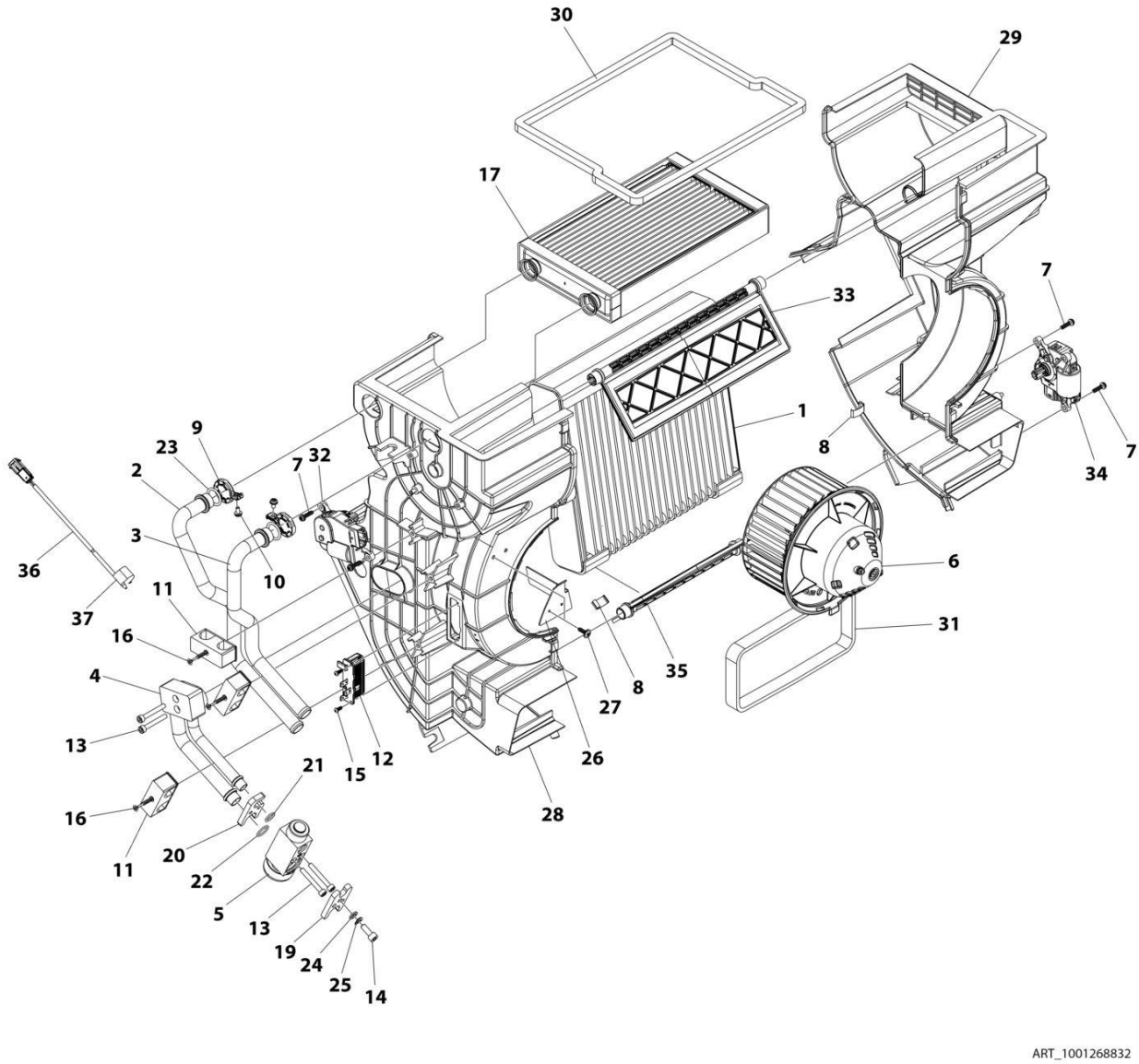


FIGURE 6-54. HEATER AND A/C ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001268832	Ref	HEATER AND A/C	B
1	1001184280	1	Evaporator, Heater	
2	1001184296	1	Pipe, Heater Water	
3	1001184297	1	Pipe, Heater Water	
4	1001184427	1	Pipe, Heater	
5	1001188592	1	Valve, HVAC Expansion	
6	1001188594	1	Fan, HVAC Centrifugal 12V	
7	1001188602	4	Screw M4	
8	1001188603	9	Clamp, HVAC Case	
9	1001188604	2	Clamp, HVAC Pipe	
10	1001188610	2	Screw M4	
11	1001188612	3	Clamp, Pipe	
12	1001188614	1	Resistor	
13	1001188618	4	Screw M5	
14	1001188619	1	Screw M6	
15	1001188720	2	Screw M2.9 x 9.5	
16	1001188725	3	Screw M4 x 35	
17	1001188729	1	Radiator, Heater Core	
19	1001188817	1	Clamp, Hose	
20	1001188818	1	Clamp, HVAC EVAP/Valve	
21	1001189023	1	O-Ring	
22	1001189024	1	O-Ring	
23	1001189025	2	O-Ring	
24	1001189048	1	Washer	
25	1001189054	1	Washer, Spring	
26	1001221057	1	Plate	
27	1001221058	2	Screw	
28	1001269555	1	Housing, HVAC RH	
29	1001269556	1	Housing, HVAC LH	
30	1001269558	1	Seal, Heater Outlet Foam	
31	1001269559	1	Seal, Air Inlet Foam	
32	1001269560	1	Actuator, Hot/Cold Mixing	
33	1001269561	1	Foam, Heater Mixing Flap	
34	1001269563	1	Actuator, Fresh/Recirculation Air	
35	1001269564	1	Foam, Heater Mixing Flap	
36	1001269578	1	Temperature Sensor	
37	1001269579	1	Clamp, Temperature Sensor	

FIGURE 6-55. ROOF WIPER INSTALLATION

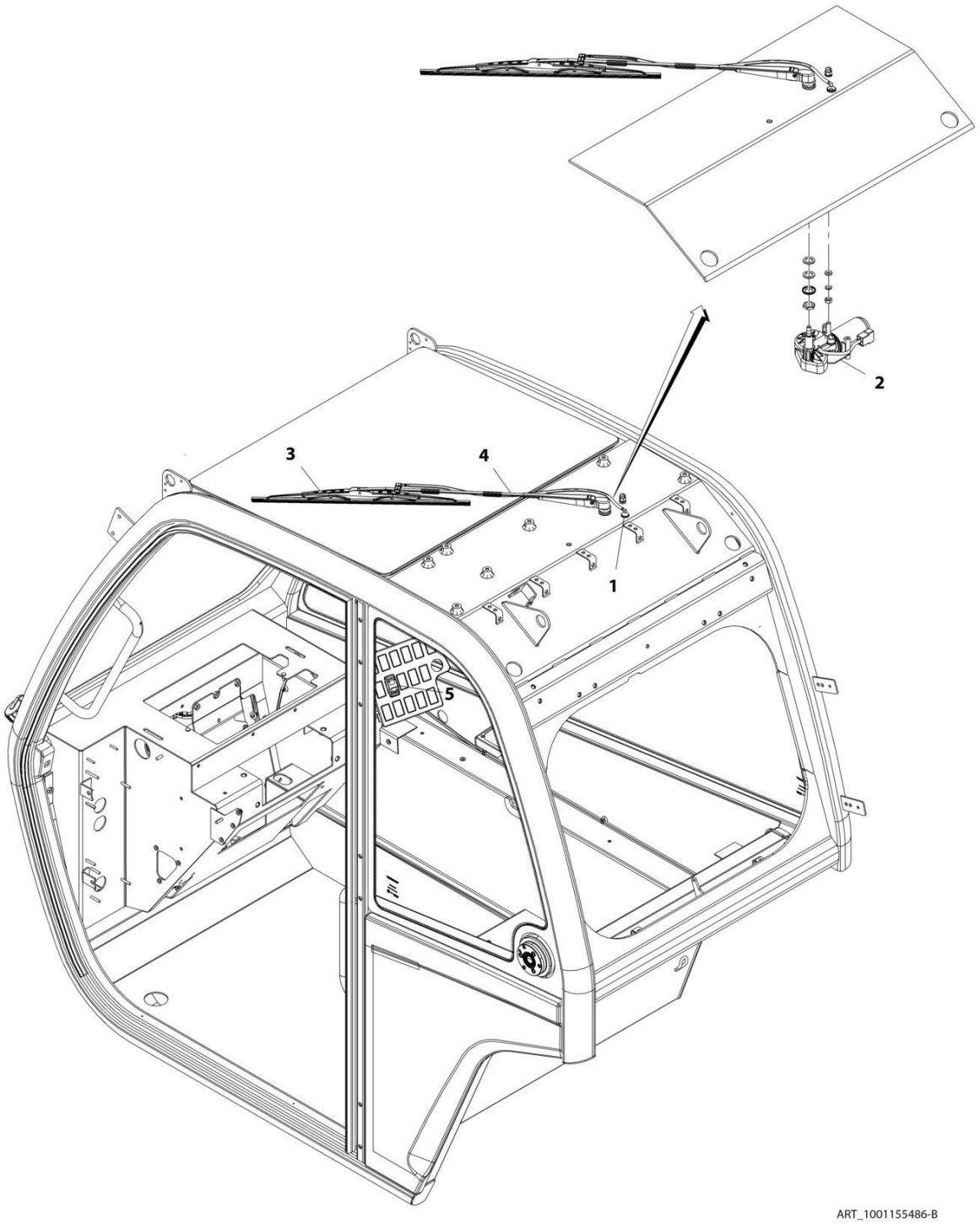


FIGURE 6-55. ROOF WIPER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155486	Ref	Roof Wiper Installation	B
1	1001090343	1	Connector	
2	1001139551	1	Motor, Roof Wiper	
3	1001141313	1	Blade, Roof Wiper	
4	1001141311	1	Arm, Roof Wiper Blade	
5	1001159736	1	Switch, Roof Wiper	

FIGURE 6-56. HEADLINER INSTALLATION

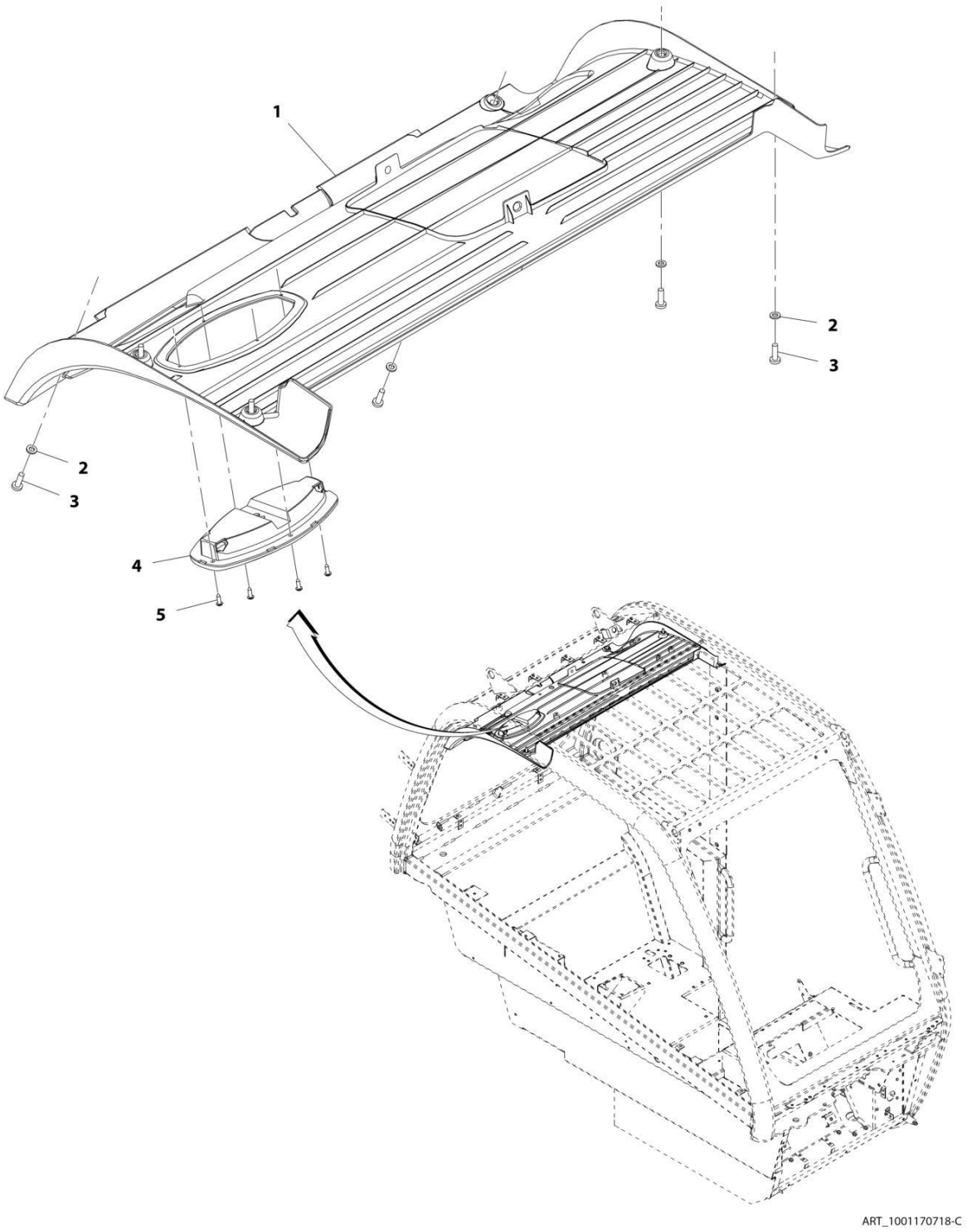


FIGURE 6-56. HEADLINER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170718	Ref	Headliner Installation	D
1	1001170716	1	Panel, Headliner	
2	4811700	6	Washer, M6	
3	4031708001	6	Capscrew M6 x 20	
4	1001167015	1	Lamp, Dome	
5	7029486	4	Screw	

FIGURE 6-57. HEADLINER/ RADIO READY INSTALLATION

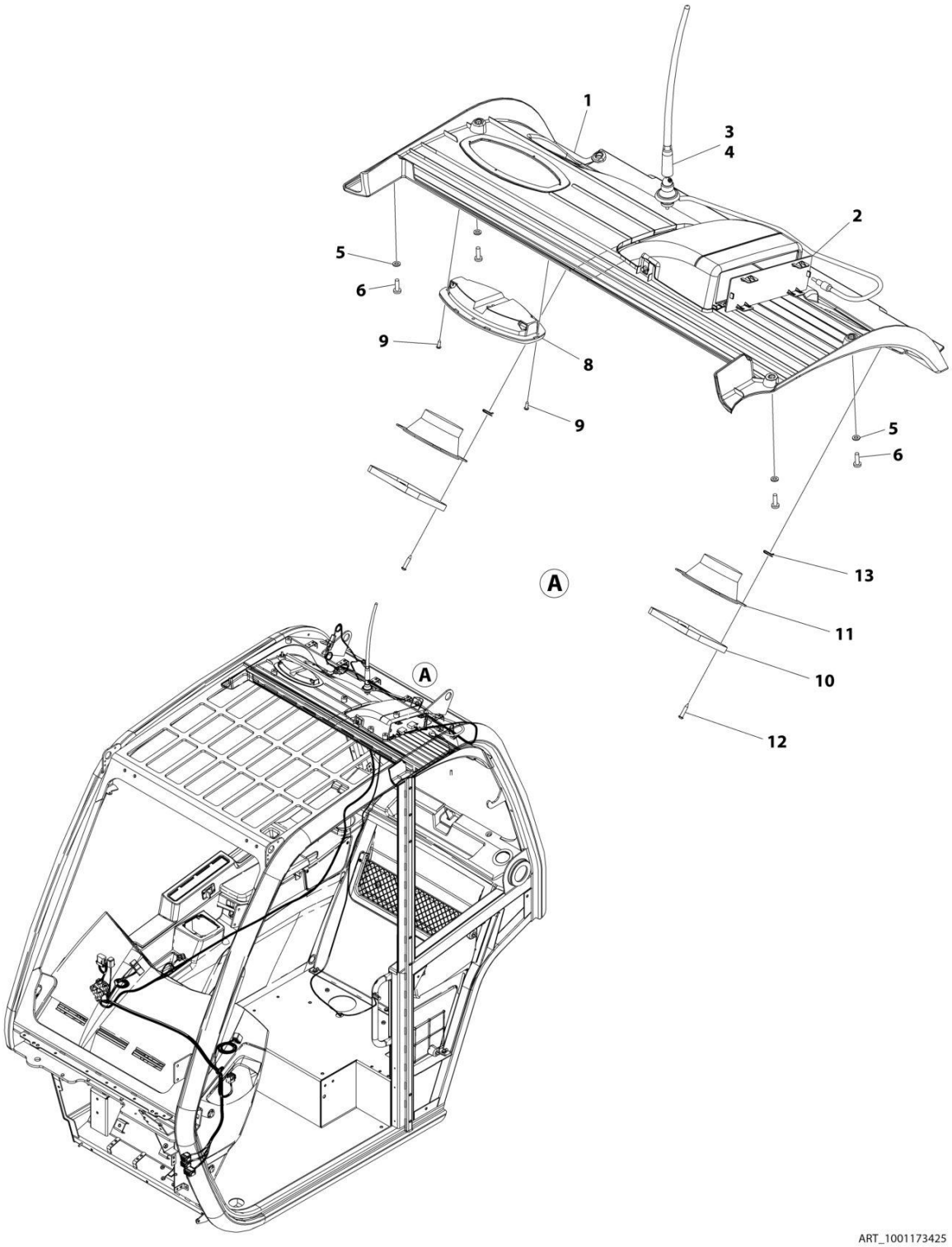


FIGURE 6-57. HEADLINER/ RADIO READY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173425	Ref	HEADLINER/ RADIO READY INSTALLATION	F
1	1001243343	1	Cover, Headliner	
2	1001200968	1	Plate	
3	8005901	1	Antenna	
4	1001116128	AR	Sealant, Polysiloxane	
5	4811700	6	Washer, 6M	
6	4031708001	6	Screw, M6 x 20	
8	1001167015	1	Lamp	
9	7029486	4	Screw	
10	1671326	2	Cover, Speaker	
11	1001146901	1	Radio, Speaker	
12	1001111147	8	Screw, Spire	
13	1001258342	8	Nut, Spire	

FIGURE 6-58. CAB GUARD INSTALLATION (TOP)

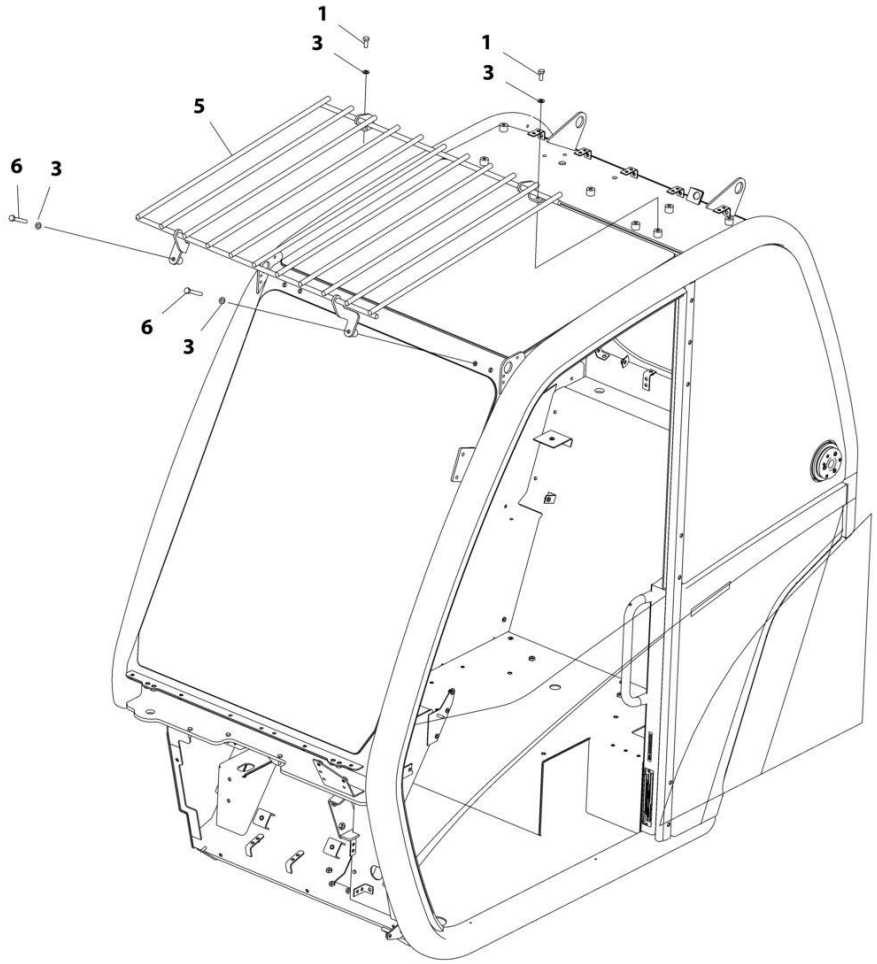


FIGURE 6-58. CAB GUARD INSTALLATION (TOP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160496	Ref	Cab Guard Installation (Top)	G
1	0760810	2	Bolt, M8X20	
3	4811900	4	Washer, M8	
5	1001160503	1	Guard, Top Screen	
6	0700820	2	Bolt, M8X60	

FIGURE 6-59. CAB GUARD INSTALLATION (FRONT)

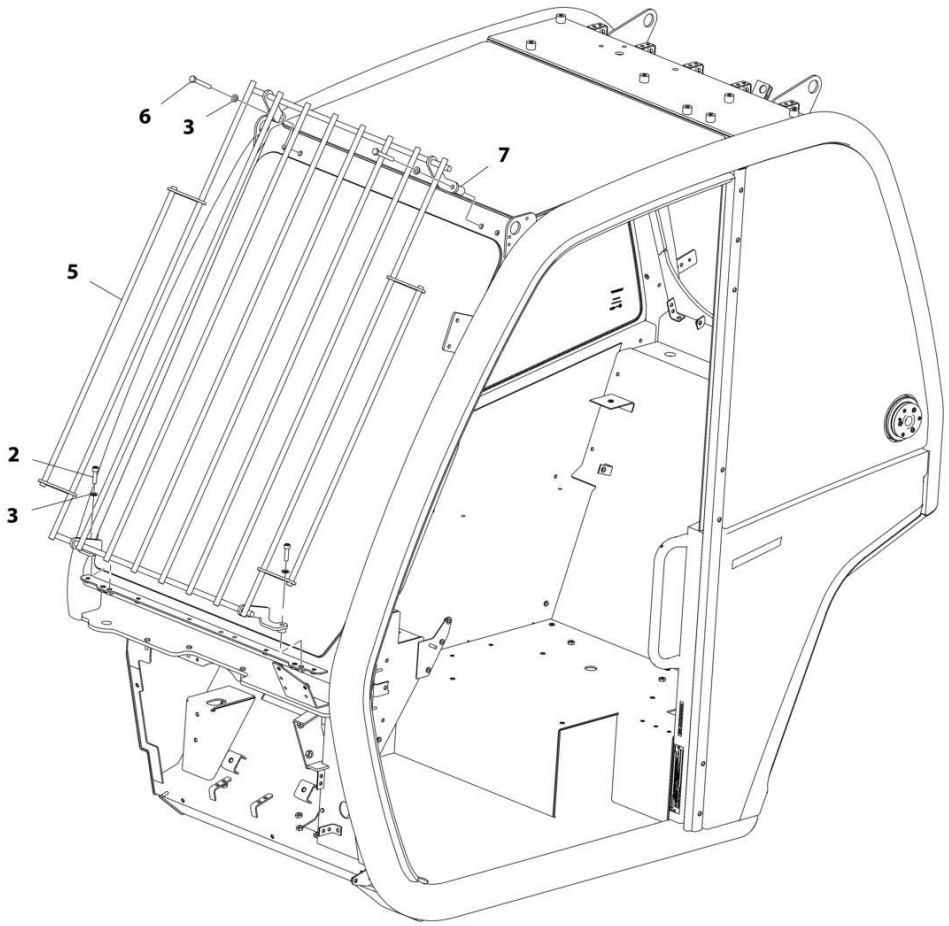


FIGURE 6-59. CAB GUARD INSTALLATION (FRONT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160506	Ref	Cab Guard Installation (Front)	G
2	4031910	2	Bolt, M8X30	
3	4811900	4	Washer, M8	
5	1001180263	1	Guard, Front Screen	
6	0700820	2	Bolt, M8X60	
7	1001173257	2	Spacer	

FIGURE 6-60. CAB GUARD INSTALLATION (TOP AND FRONT)

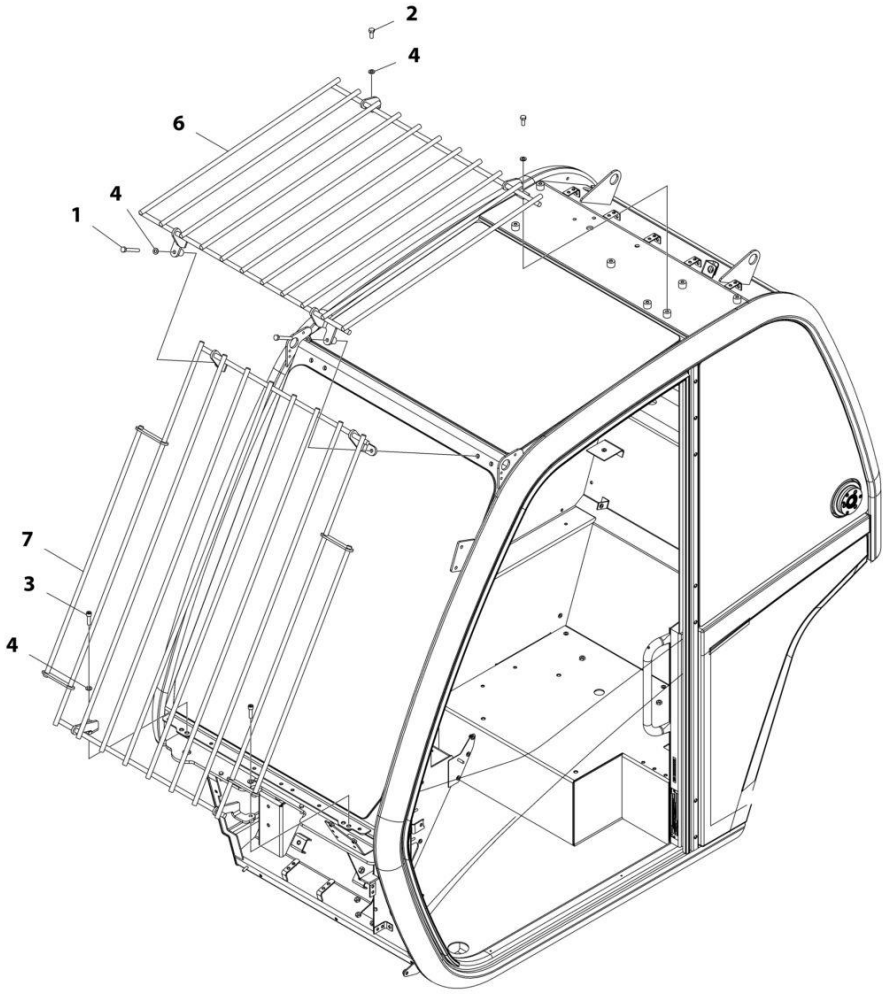


FIGURE 6-60. CAB GUARD INSTALLATION (TOP AND FRONT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172774	Ref	CAB GUARD INSTALLATION (TOP AND FRONT)	G
1	0700820	2	Bolt M8 x 60	
2	0760810	2	Bolt M8 x 20	
3	4031910	2	Bolt M8 x 30	
4	4811900	6	Washer M8	
6	1001160503	1	Guard, Top Screen	
7	1001180263	1	Guard, Front Screen	

FIGURE 6-61. COMMON CAB TRIM INSTALLATION

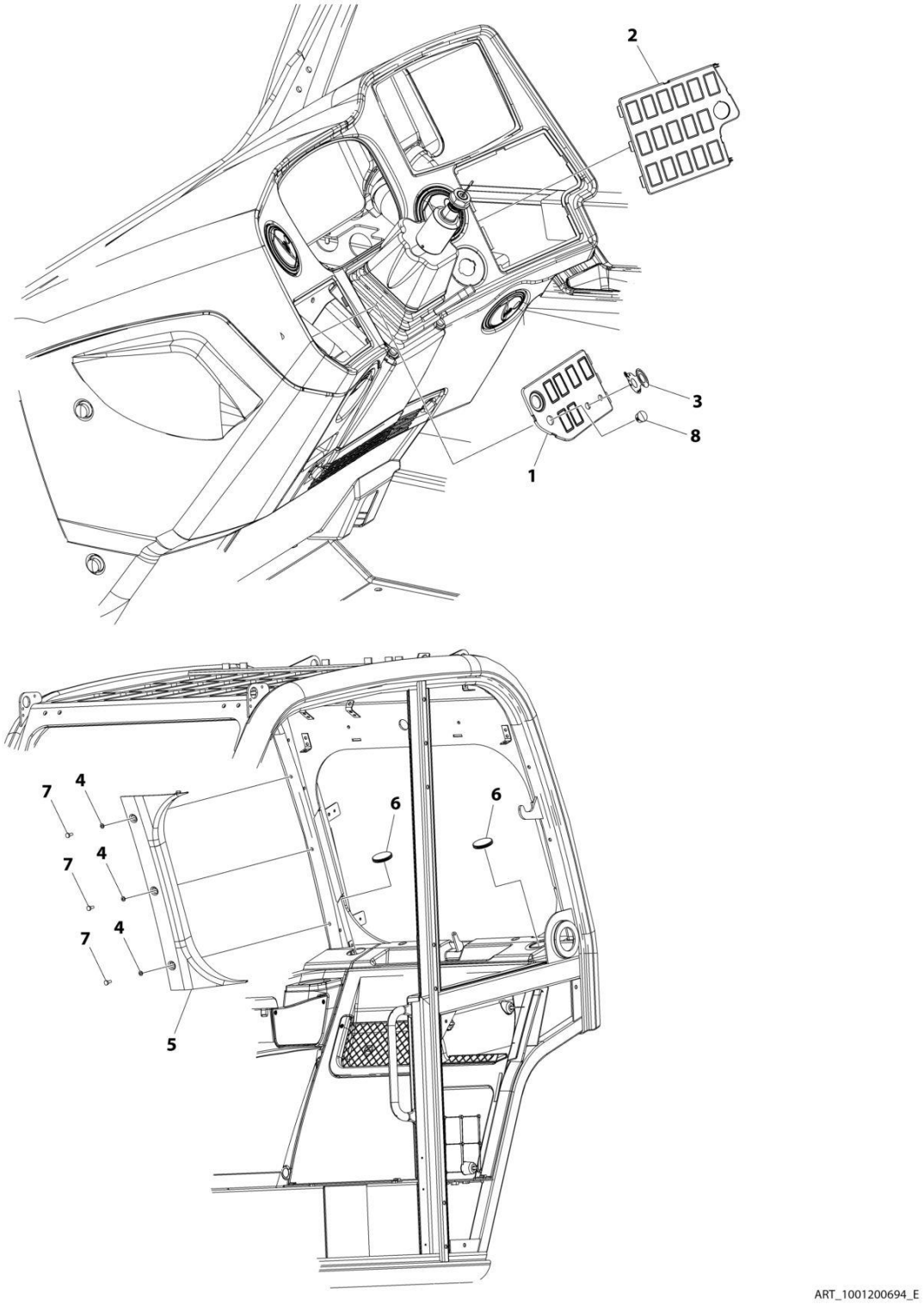


FIGURE 6-61. COMMON CAB TRIM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200694	Ref	COMMON CAB TRIM INSTALLATION	E
1	1001268846	1	Panel, LH Switch	
2	1001219865	1	Panel, RH Switch	
3	1001184975	1	Decal, HVAC	
4	4811700001	3	Washer M6	
5	1001161253	1	Panel, Cover	
6	1001223265	2	Grommet	
7	4010608002	3	Screw M6 x 16	
8	1001207963	1	Plug	

FIGURE 6-62. CAB TRIM INSTALLATION

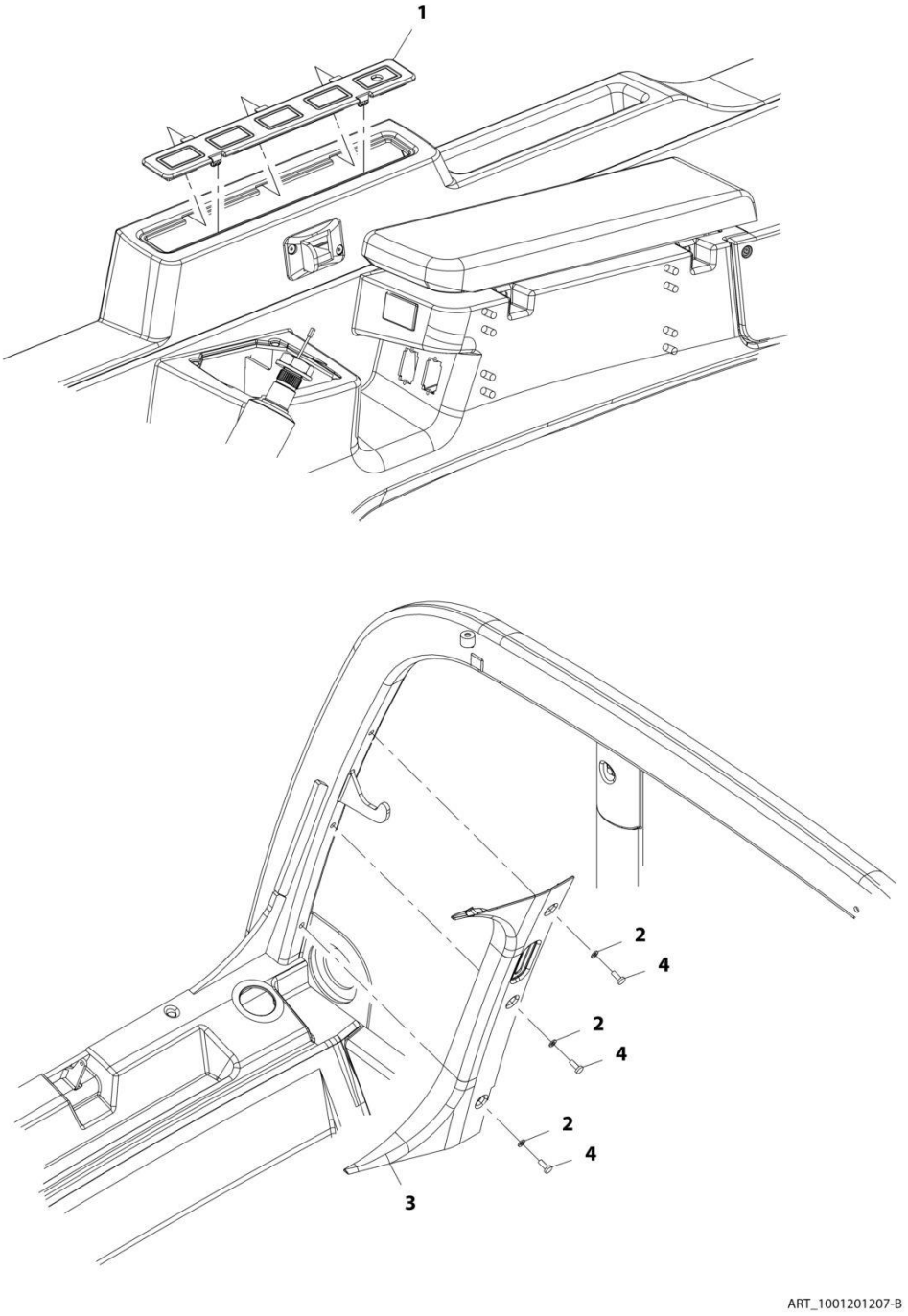


FIGURE 6-62. CAB TRIM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201207	Ref	Cab Trim Installation	B
1	1001177464	1	Plate, Switch	
2	4811700	1	Washer, M6	
3	1001161252	1	Panel, Cover	
4	4010608002	3	Screw, M6X16	

FIGURE 6-63. ROOF CAP INSTALLATION (A/C)

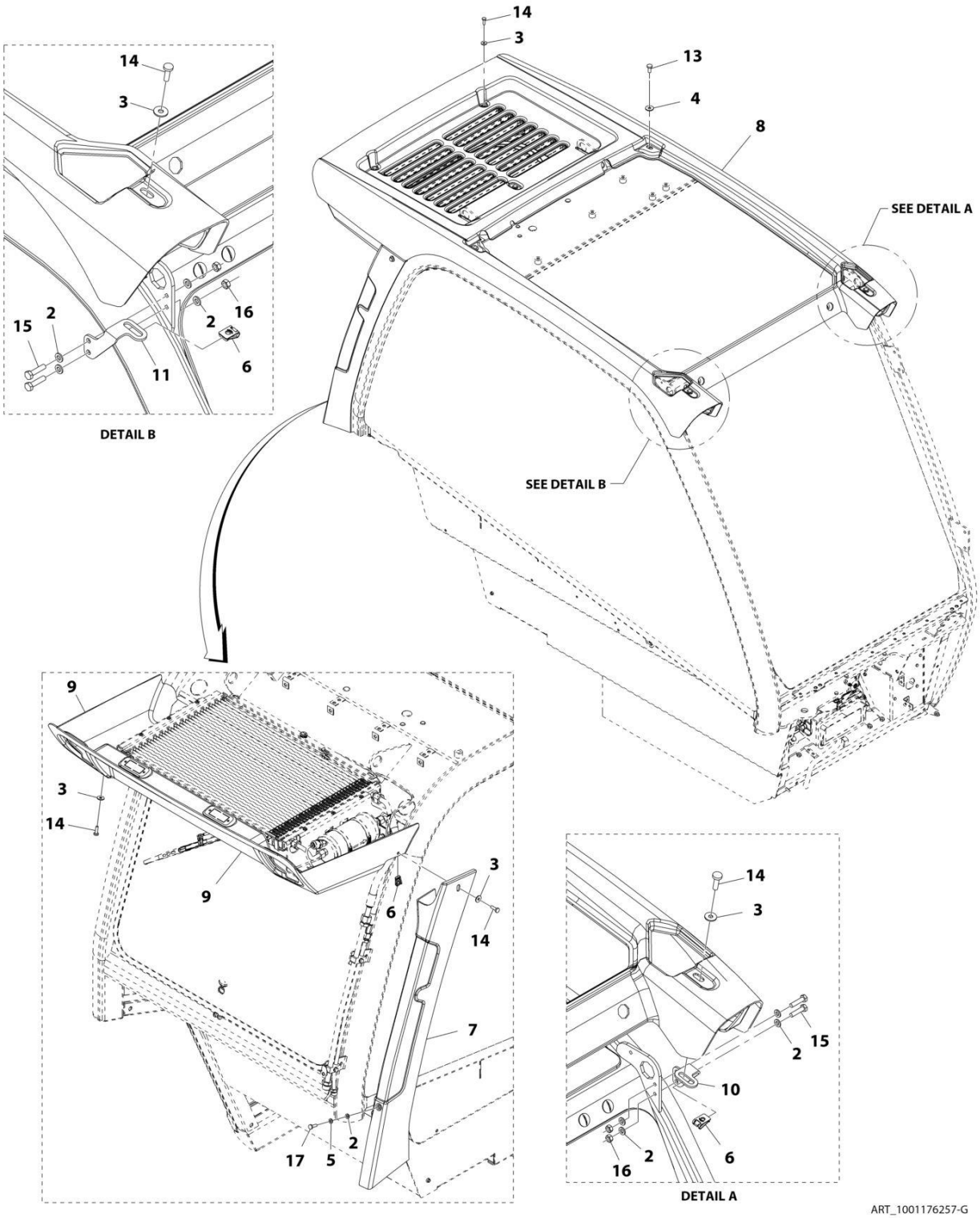


FIGURE 6-63. ROOF CAP INSTALLATION (A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176257	Ref	Roof Cap Installation (A/C)	G
2	4811700	9	Washer, M6	
3	4811702	10	Washer, M6	
4	4811902	2	Washer, M8	
5	4831700	1	Washer, Lock M6	
6	8305919	3	Nut, M6	
7	1001174741	1	Cover	
8	1001176140	1	Cover	
9	1001176318	1	Cover	
10	1001174800	1	Bracket	
11	1001174801	1	Bracket	
13	0760608	2	Bolt, M6X16	
14	4010610002	10	Screw, Posi-Drive M6X20	
15	0700612	4	Bolt, M6X25	
16	3290601	4	Nut, M6X1	
17	4010608002	1	Screw, Posi-Drive, M6X16	

FIGURE 6-64. ROOF CAP INSTALLATION (NO A/C)

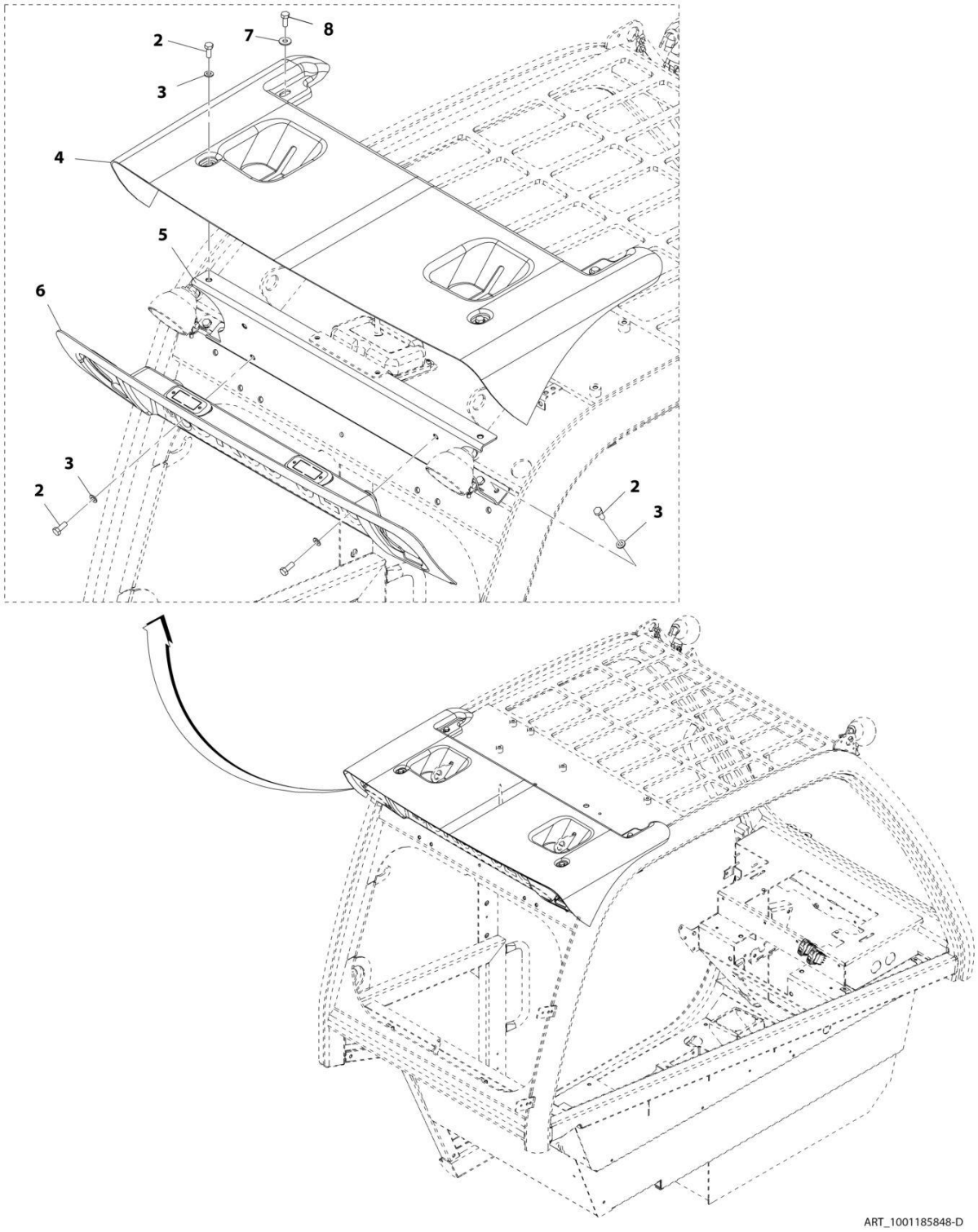


FIGURE 6-64. ROOF CAP INSTALLATION (NO A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185848	Ref	Roof Cap Installation (No A/C - AG)	D
2	0760810	8	Bolt, M8X20	
3	4811900	8	Washer, M8	
4	1001182330	1	Cover, Short Upper Roof Cap	
5	1001185633	1	Bracket, Roof Cap Mount	
6	1001185845	1	Cover, Short Lower Roof Cap	
7	4811902	2	Washer, M8	
8	0760808	2	Bolt, M8X16	

FIGURE 6-65. FRONT NOSE CONE INSTALLATION (SIDELIGHT)

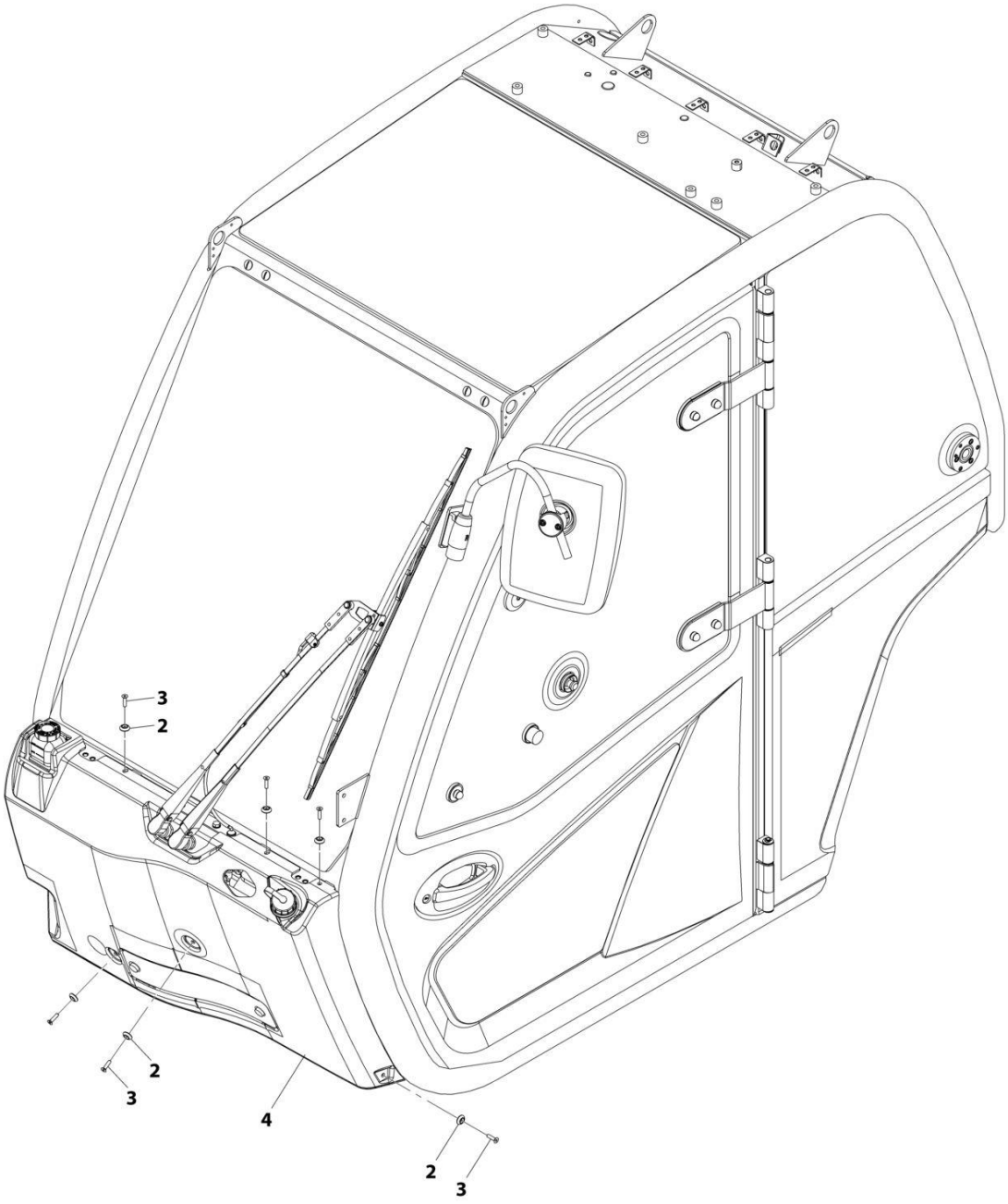


FIGURE 6-65. FRONT NOSE CONE INSTALLATION (SIDELIGHT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179895	Ref	Front Nose Cone Installation (Sidelight)	G
2	1001097540	6	Washer, M6	
3	3900379	6	Screw, M6X25MM	
4	1001179898	1	Cover	

FIGURE 6-66. ENCLOSED CAB FRONT COVER INSTALLATION

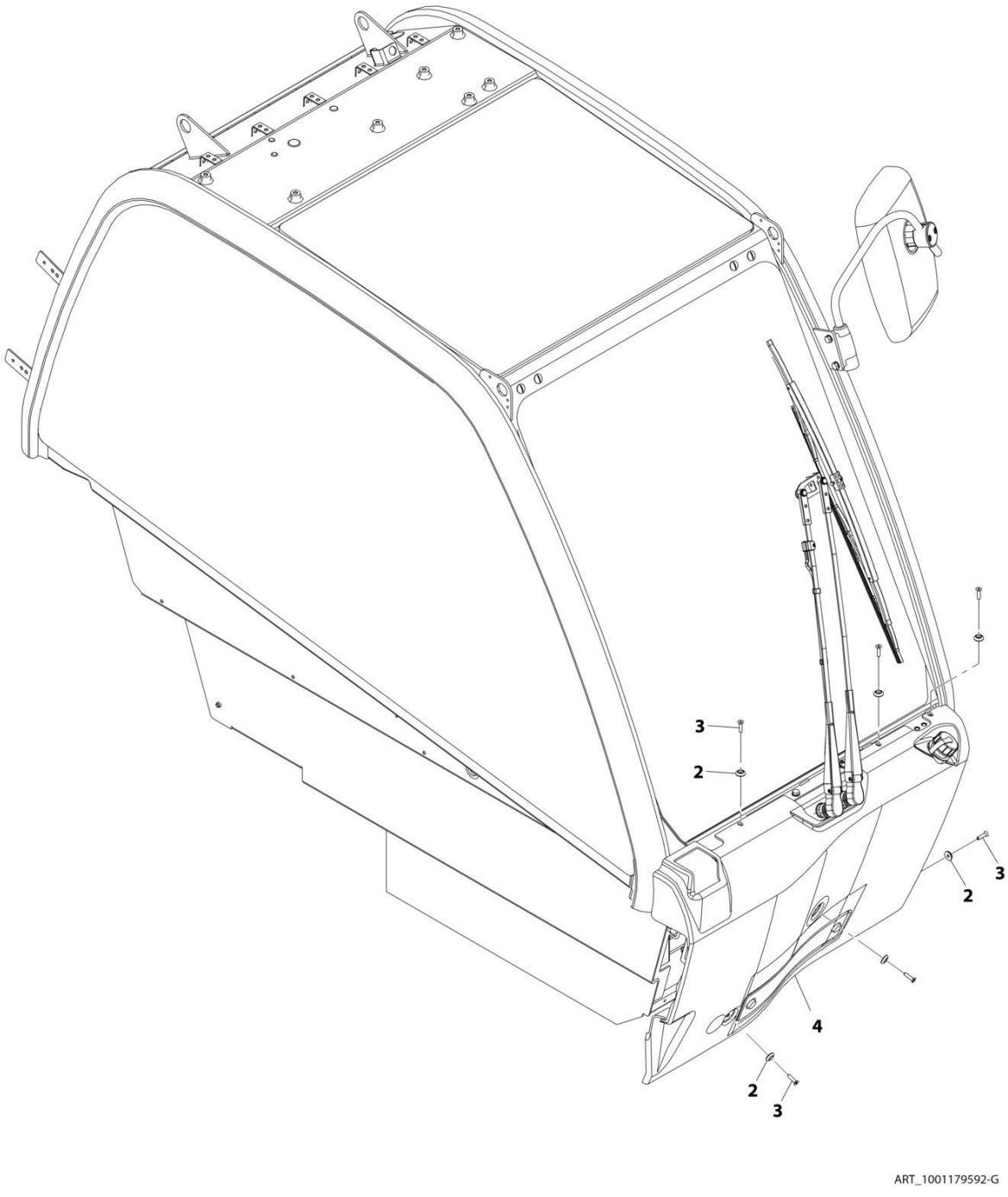


FIGURE 6-66. ENCLOSED CAB FRONT COVER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179592	Ref	Enclosed Cab Front Cover Installation	G
2	1001097540	6	Washer, M6	
3	3900379	6	Screw, M6-1X25 Grade 10.9	
4	1001170325	1	Cover, Front	

FIGURE 6-67. RETRACTABLE SUNSCREEN INSTALLATION

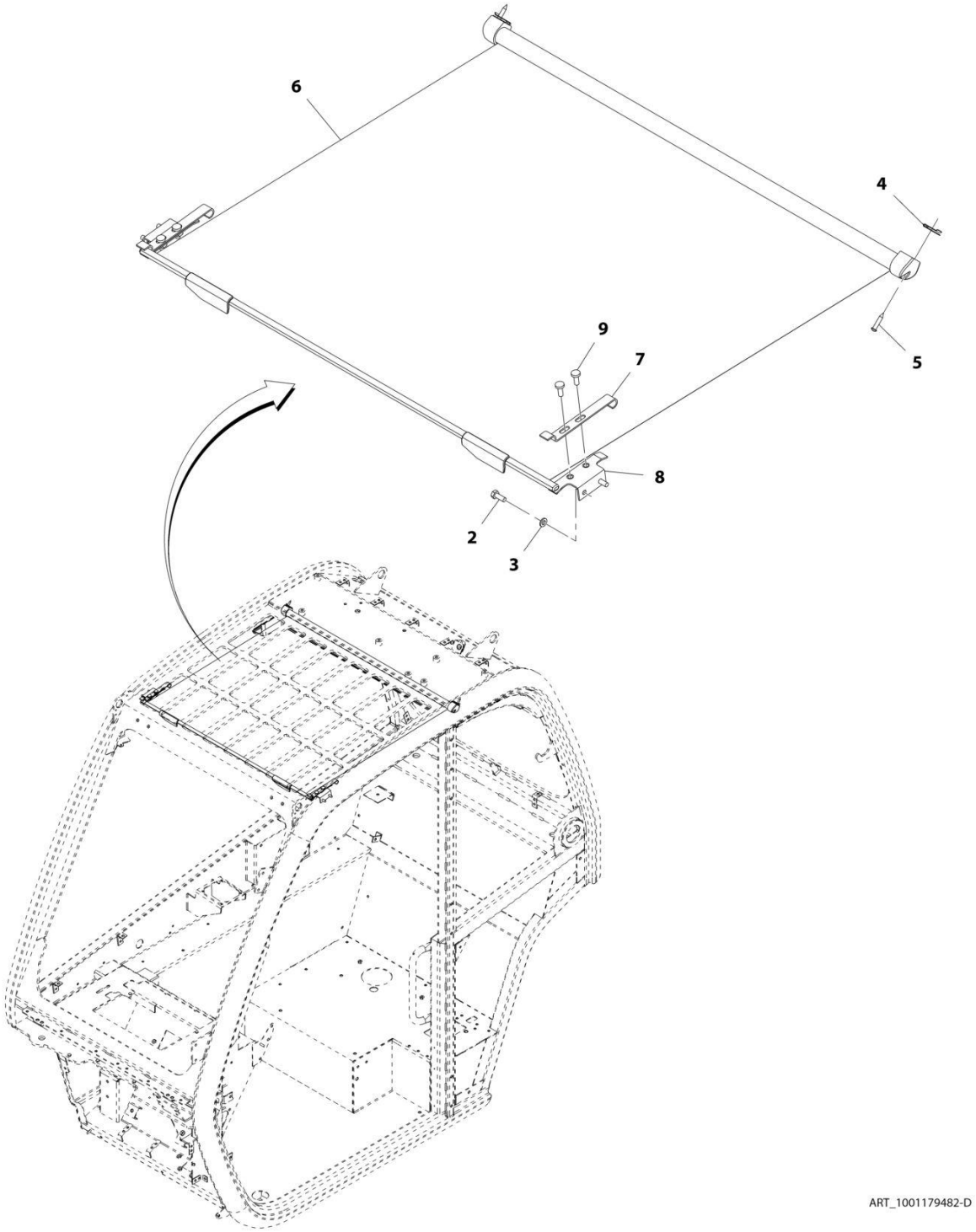
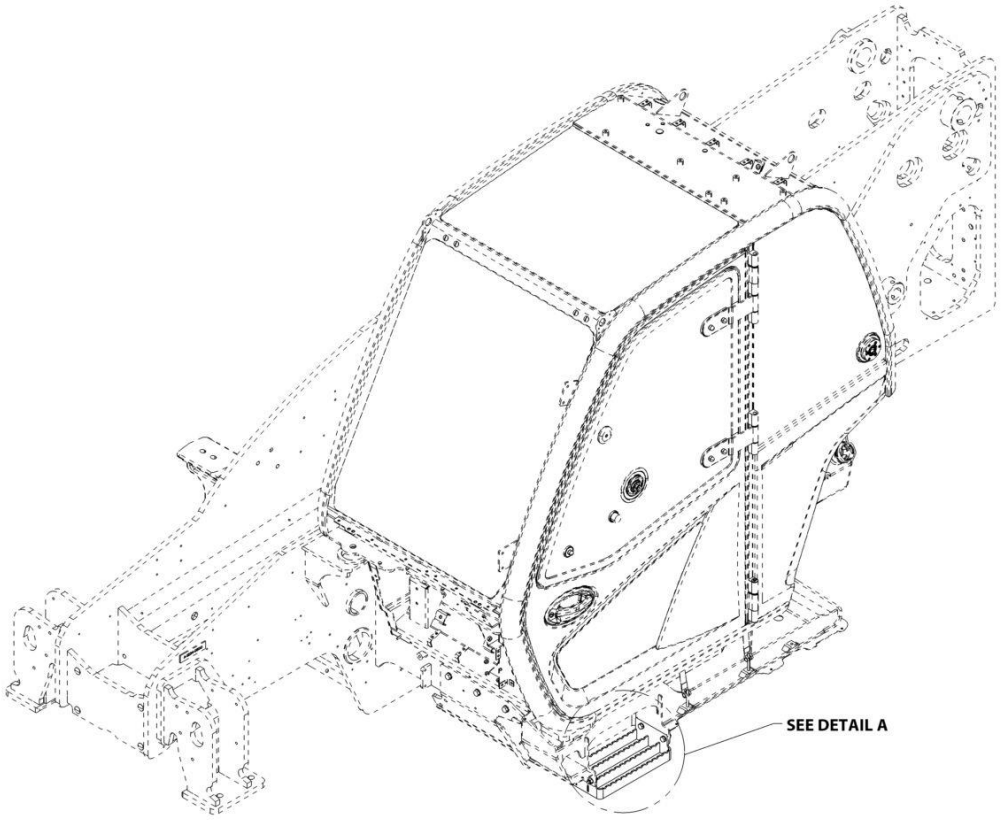


FIGURE 6-67. RETRACTABLE SUNSCREEN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179482	Ref	Retractable Sunscreen Installation	D
2	0760608	4	Bolt, M6X16	
3	4811700	4	Washer, M6	
4	1001111076	2	Nut, Spire	
5	1001111147	2	Screw, Self Tapping	
6	1001179483	1	Cab, Sun Blind	
7	1001209463	2	Bracket	
8	1001166385	2	Bracket	
9	4010608002	4	Screw, Posi-Drive M6X16	

FIGURE 6-68. CAB STEP INSTALLATION



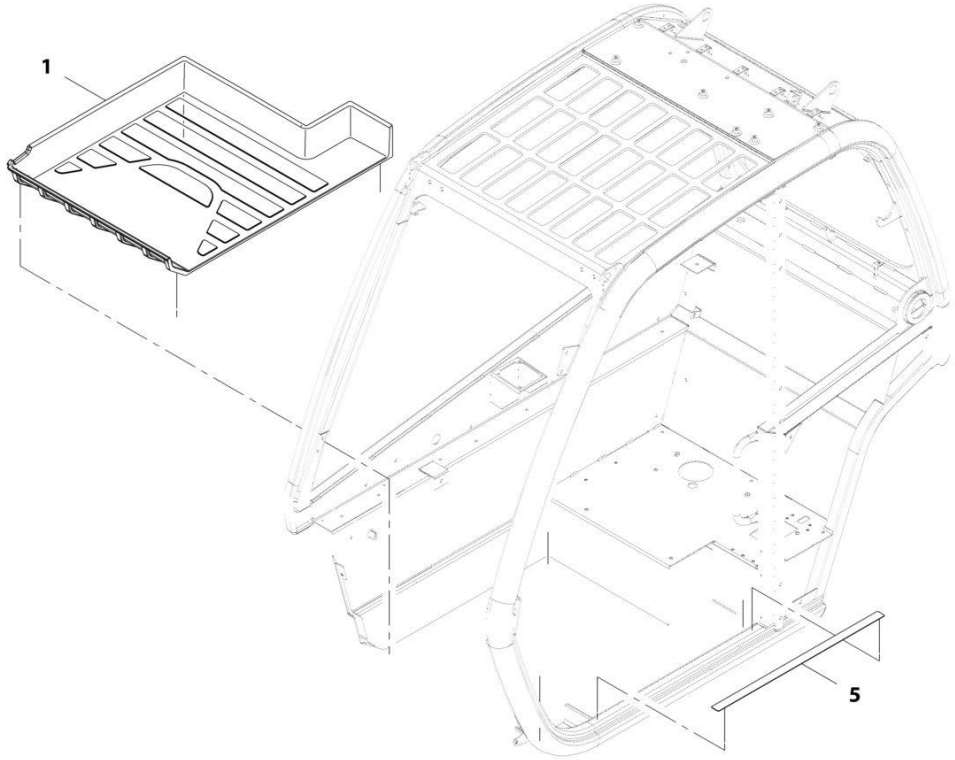
DETAIL A

ART_1001198958-B

FIGURE 6-68. CAB STEP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001198958	Ref	Cab Step Installation	B
1	0701014	4	Bolt, M10X30	
2	3291005	4	Nut, Lock M10X1.5 Grade 8	
3	4812000	8	Washer, M10	
4	1001198924	1	Bracket, Step	

FIGURE 6-69. FLOOR MAT INSTALLATION

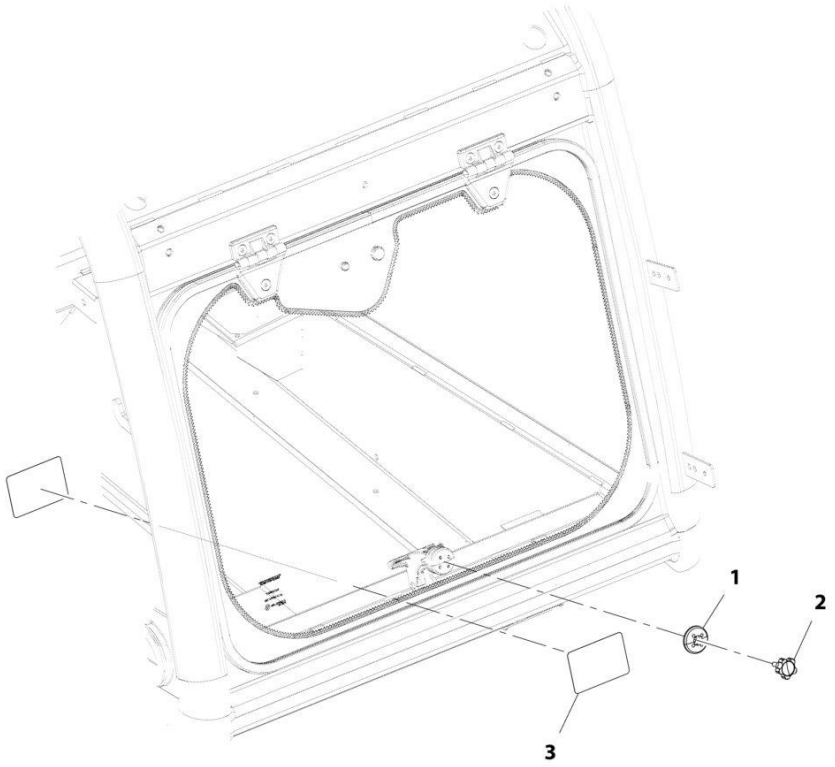


ART_1001161080-E

FIGURE 6-69. FLOOR MAT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161080	Ref	Floor Mat Installation	E
1	1001161078	1	Cab, Floor Mat	
5	1001197259	1	Tape, Frame Non Skid	

FIGURE 6-70. EXTERNAL WINDOW RELEASE INSTALLATION (ANSI)



ART_1001212047-A

FIGURE 6-70. EXTERNAL WINDOW RELEASE INSTALLATION (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212047	Ref	External Window Release Installation (ANSI)	A
1	1001179008	1	Cap, Latch Window	
2	1001179009	1	Cap, Knob M6	
3	1001212049	2	Decal, Emergency Exit	

FIGURE 6-71. EXTERNAL WINDOW RELEASE INSTALLATION (CAN)

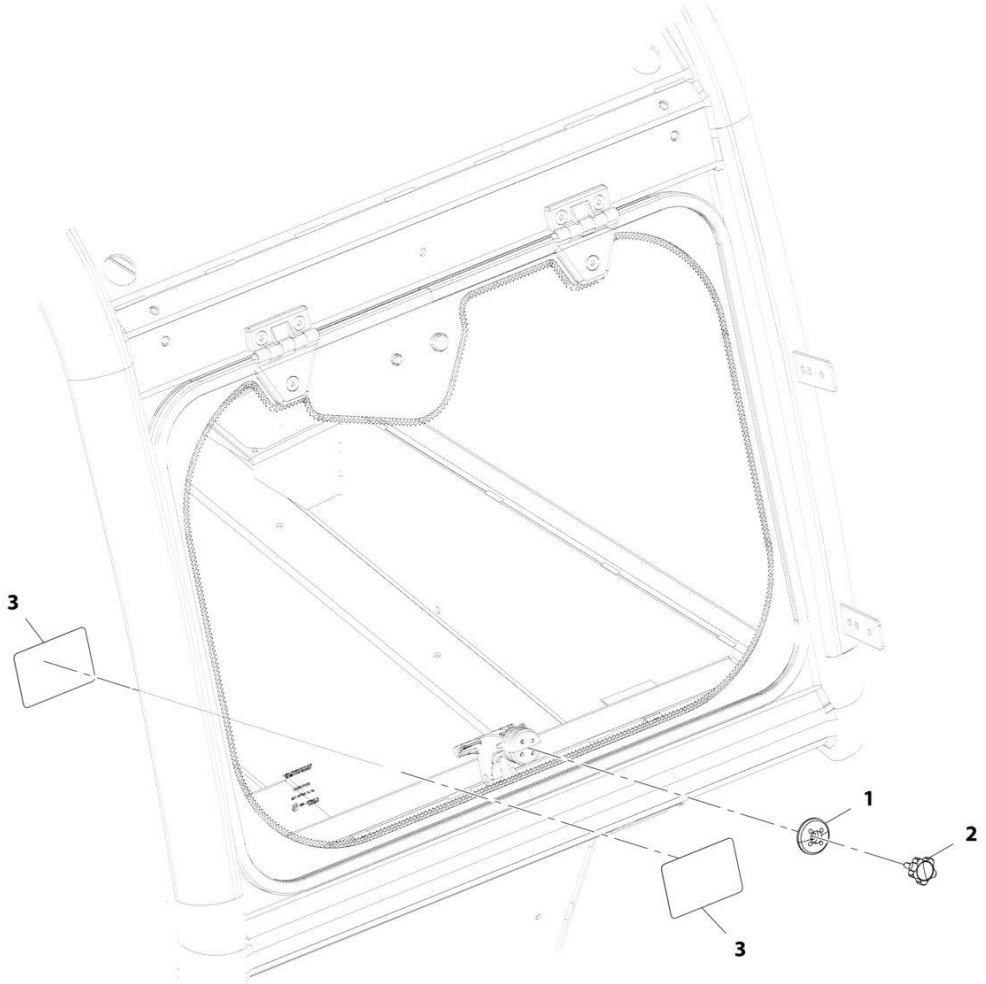
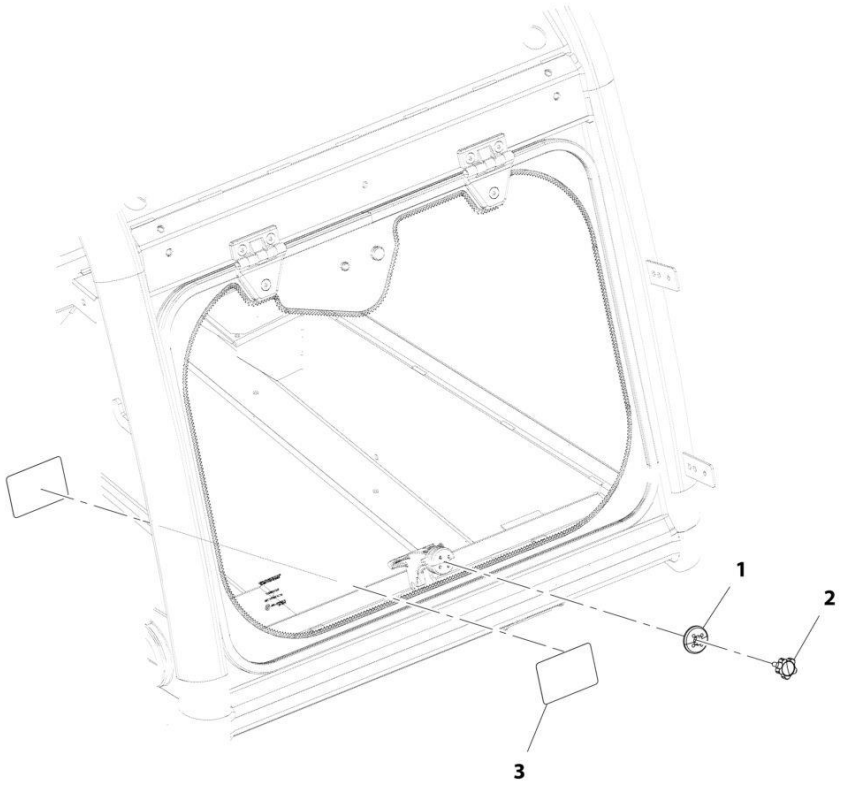


FIGURE 6-71. EXTERNAL WINDOW RELEASE INSTALLATION (CAN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178826	Ref	External Window Release Installation (English/French)	C
1	1001179008	1	Cap, Latch Window	
2	1001179009	1	Knob	
3	1001204709	2	Decal, Emergency Exit (English/French)	

FIGURE 6-72. EXTERNAL WINDOW RELEASE INSTALLATION (LATIN AMERICAN SPEC)



ART_1001212048-A

FIGURE 6-72. EXTERNAL WINDOW RELEASE INSTALLATION (LATIN AMERICAN SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212048	Ref	Rear Window Installation (WO/Wiper) (ISO)	A
1	1001179008	1	Cap, Latch Window	
2	1001179009	1	Cap, Knob M6	
3	1001212050	2	Decal, Emergency Exit	

SECTION 7 - CONTROLS

FIGURE 7-1. ACCELERATOR PEDAL INSTALLATION

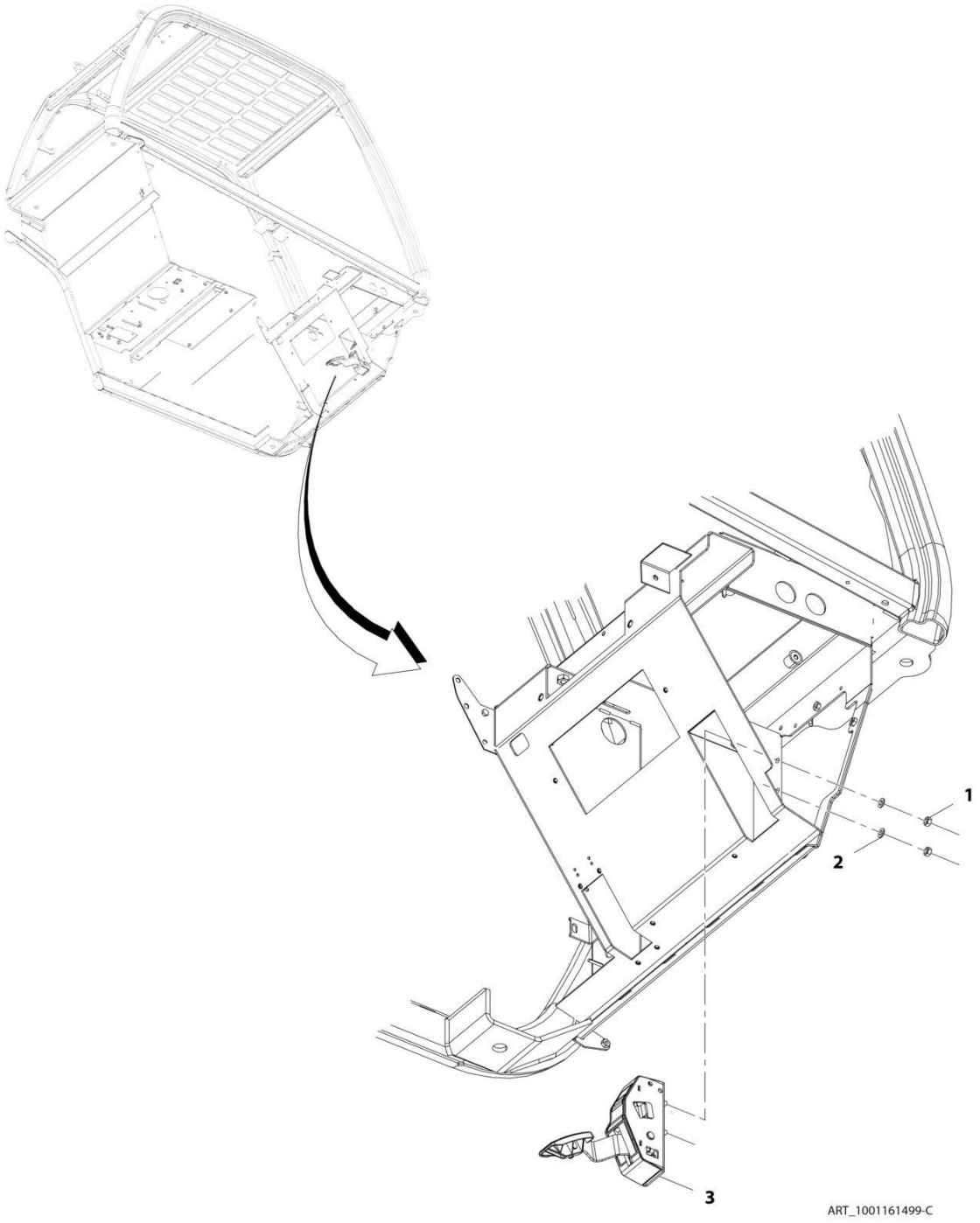


FIGURE 7-1. ACCELERATOR PEDAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161499	Ref	Accelerator Pedal Installation	C
1	3290801	2	Nut, M8X1.25	
2	4811900	2	Washer, M8	
3	1001159028	1	Pedal, Accelerator (See Separate Breakdown in this Section)	

FIGURE 7-2. ACCELERATOR PEDAL

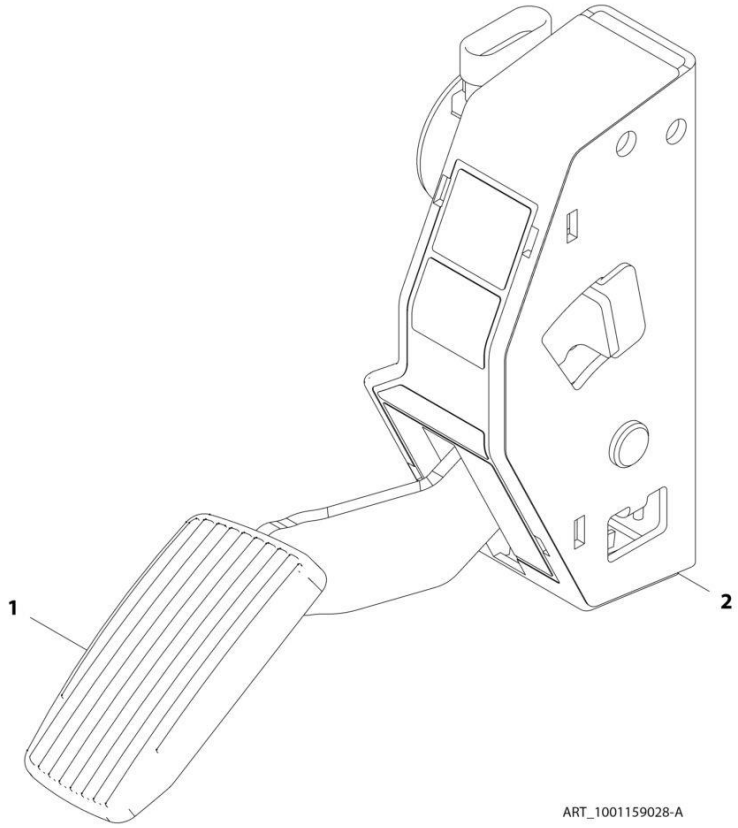


FIGURE 7-2. ACCELERATOR PEDAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001159028	Ref	Accelerator Pedal	A
1	70025816	1	Pad, Rubber	
2	70025817	1	Cover, Rubber	

FIGURE 7-3. BRAKE PEDAL INSTALLATION

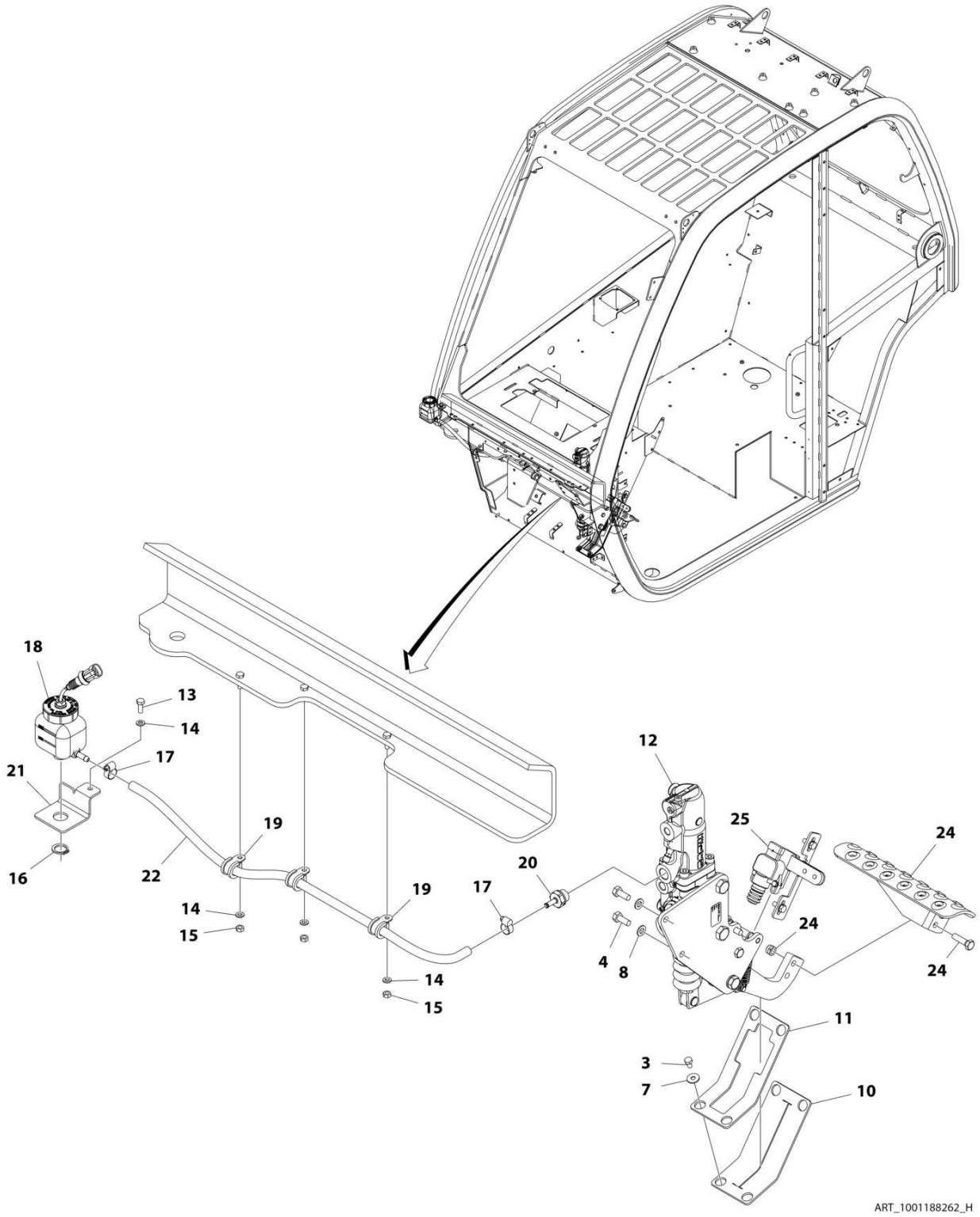


FIGURE 7-3. BRAKE PEDAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188262	Ref	BRAKE PEDAL INSTALLATION	H
3	0760605	4	Bolt M6 x 10	
4	0760810	3	Bolt M8 x 20	
7	4811702	4	Washer M6	
8	4811900	3	Washer M8	
10	1001162920	1	Gasket, Brake Pedal	
11	1001162922	1	Plate	
12	1001187413	1	Pedal, Brake (See Separate Breakdown in this Section)	
13	0760608	1	Bolt M6 x 16	
14	4811700	4	Washer M6	
15	3290601	3	Nut M6	
16	3760348	1	Ring, Retaining	
17	8405009	2	Clamp, Gear	
18	1001269248	1	Reservoir, Brake	
19	1001170231	3	Clip	
20	1001171874	1	Fitting, Hose Barb	
21	1001172088	1	Bracket	
22	1001172094	1	Hose	
24	1001197139	1	Plate, Brake Pedal (See Separate Breakdown in this Section)	
25	1001205061	Ref	Installation, Brake Sensor (See Separate Breakdown in this Section)	

FIGURE 7-4. BRAKE PEDAL

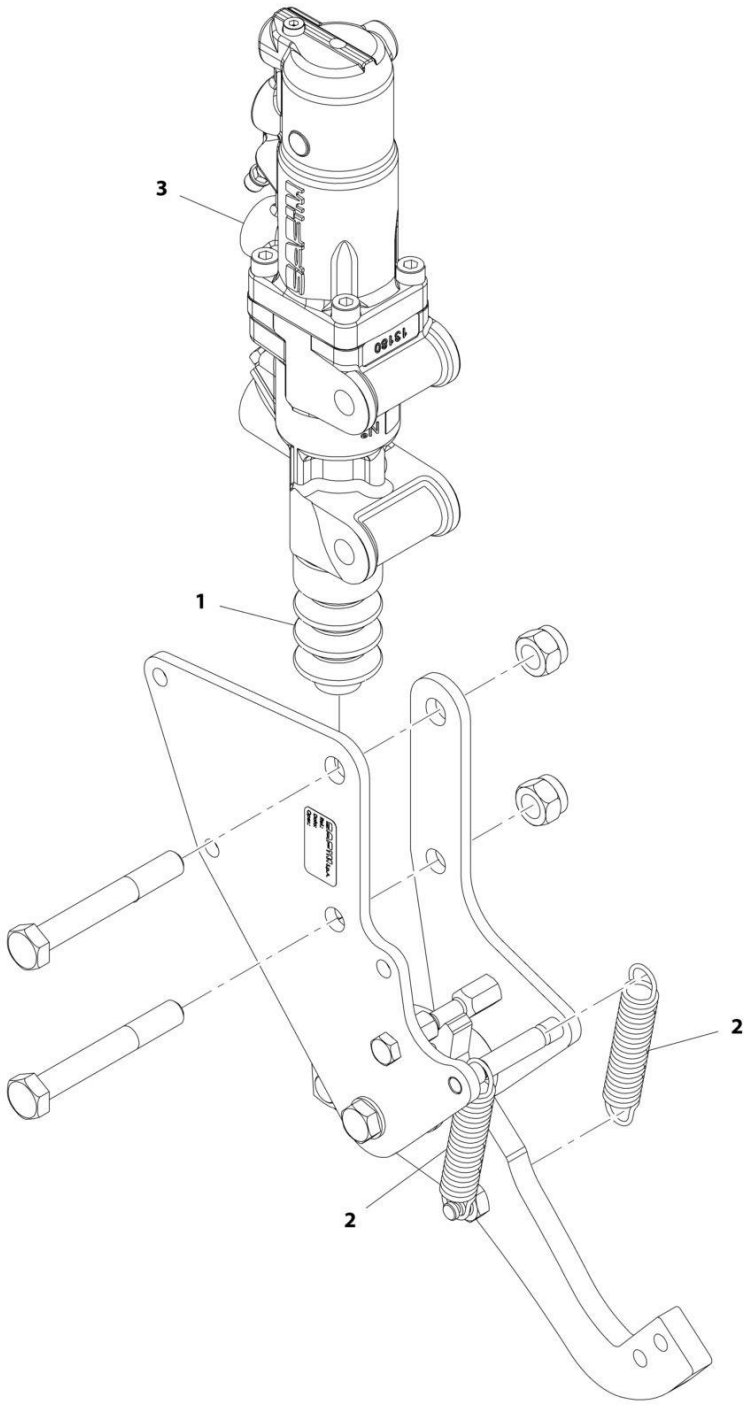


FIGURE 7-4. BRAKE PEDAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187413	Ref	Brake Pedal	D
1	70025859	1	Cover, Dust	
2	70025860	1	Spring, Return	
3	70026537	1	Cylinder, Master	

FIGURE 7-5. BRAKE PEDAL PLATE

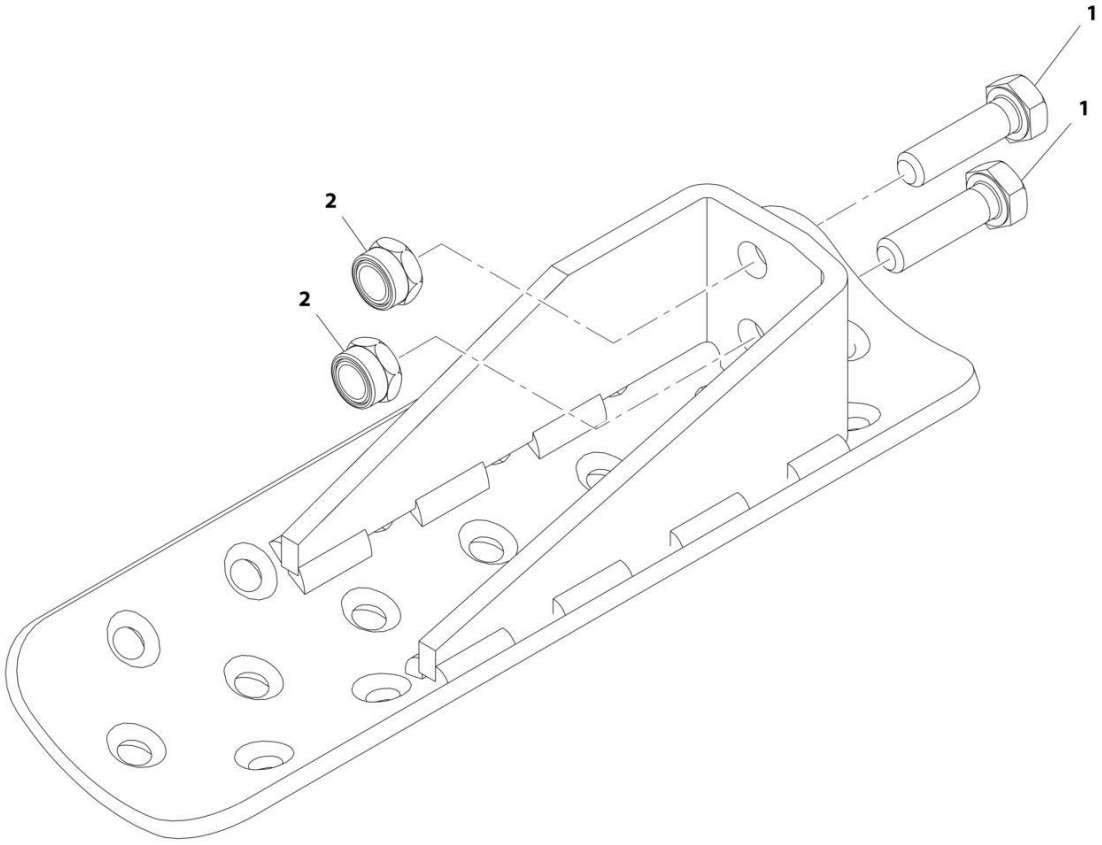


FIGURE 7-5. BRAKE PEDAL PLATE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197139	Ref	Brake Pedal Plate	A
1	0770814	1	Bolt, M8X30 Grade 10.9	
2	3290805	1	Nut, Lock M8X1.25 Grade 8	

FIGURE 7-6. BRAKE SENSOR INSTALLATION

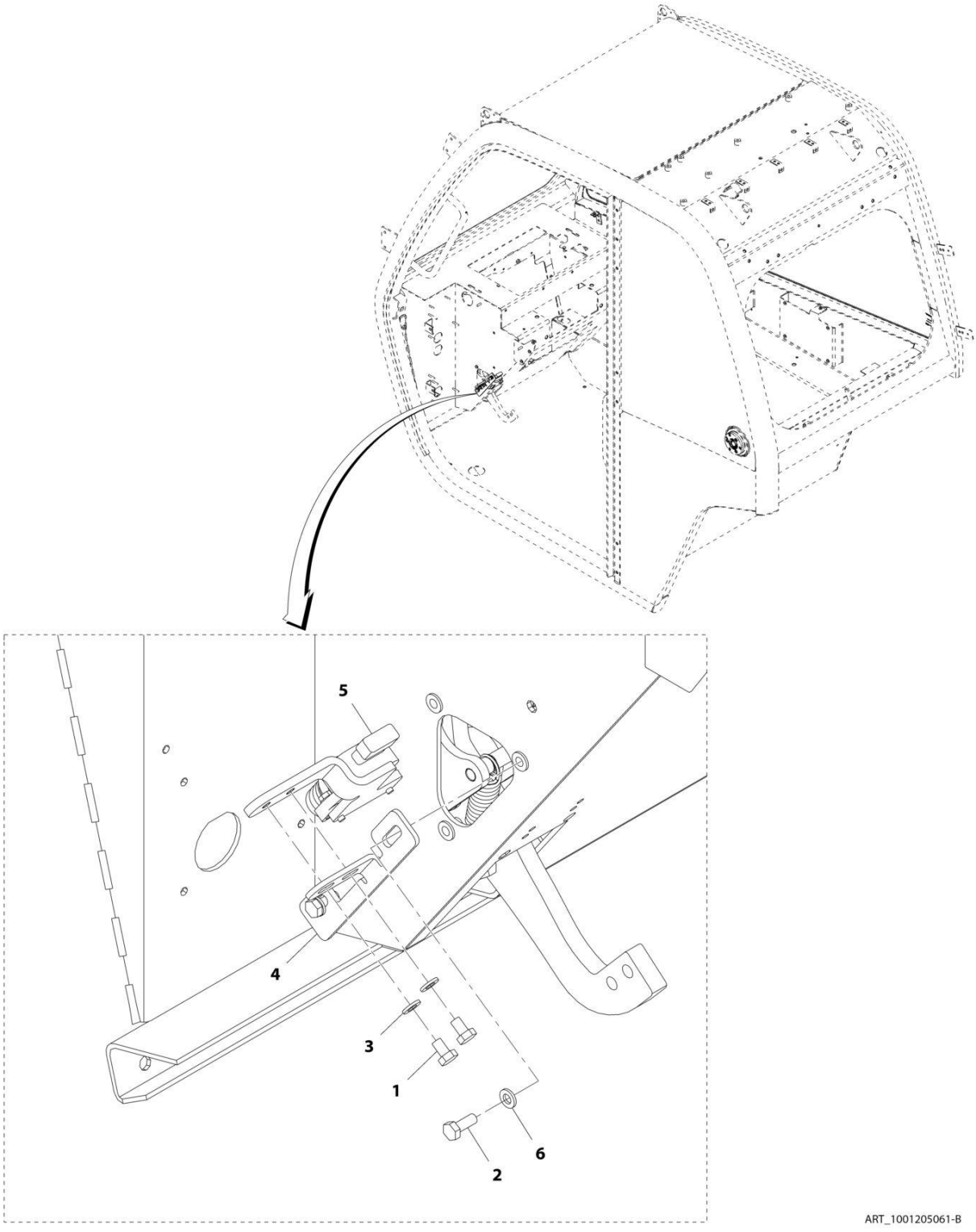
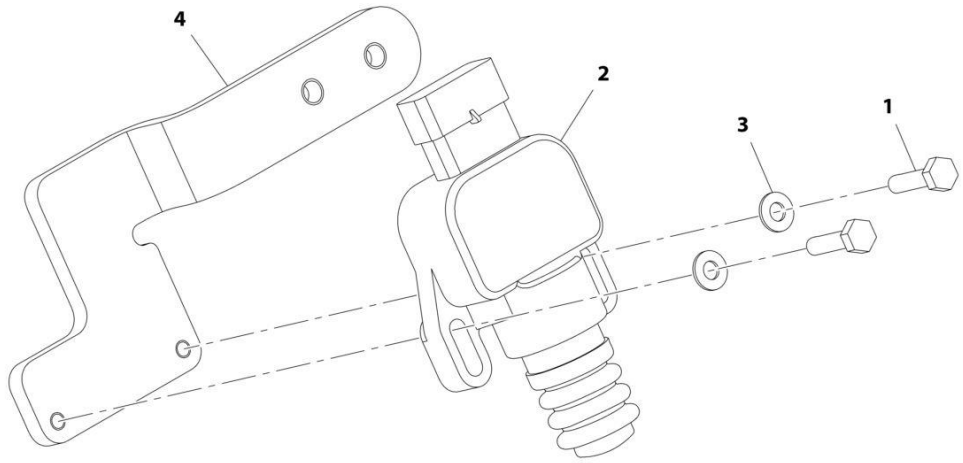


FIGURE 7-6. BRAKE SENSOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205061	Ref	Brake Sensor Installation	B
1	0760605	2	Bolt, M6X10	
2	0760608	2	Bolt, M6X16	
3	4811700	2	Washer, M6	
4	1001201499	1	Plate, Switch Adjustment	
5	1001201501	1	Assembly, Switch Plate (See Separate Breakdown in this Section)	
6	4811702	2	Washer, M6	

FIGURE 7-7. SWITCH PLATE ASSEMBLY



ART_1001201501-A

FIGURE 7-7. SWITCH PLATE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201501	Ref	Switch Plate Assembly	A
1	0700408	2	Bolt, M4X16	
2	4360658	1	Sensor, Brake	
3	4811400	2	Washer, M4	
4	1001201500	1	Plate	

FIGURE 7-8. PARKING BRAKE INSTALLATION (CABLE - STANDARD)

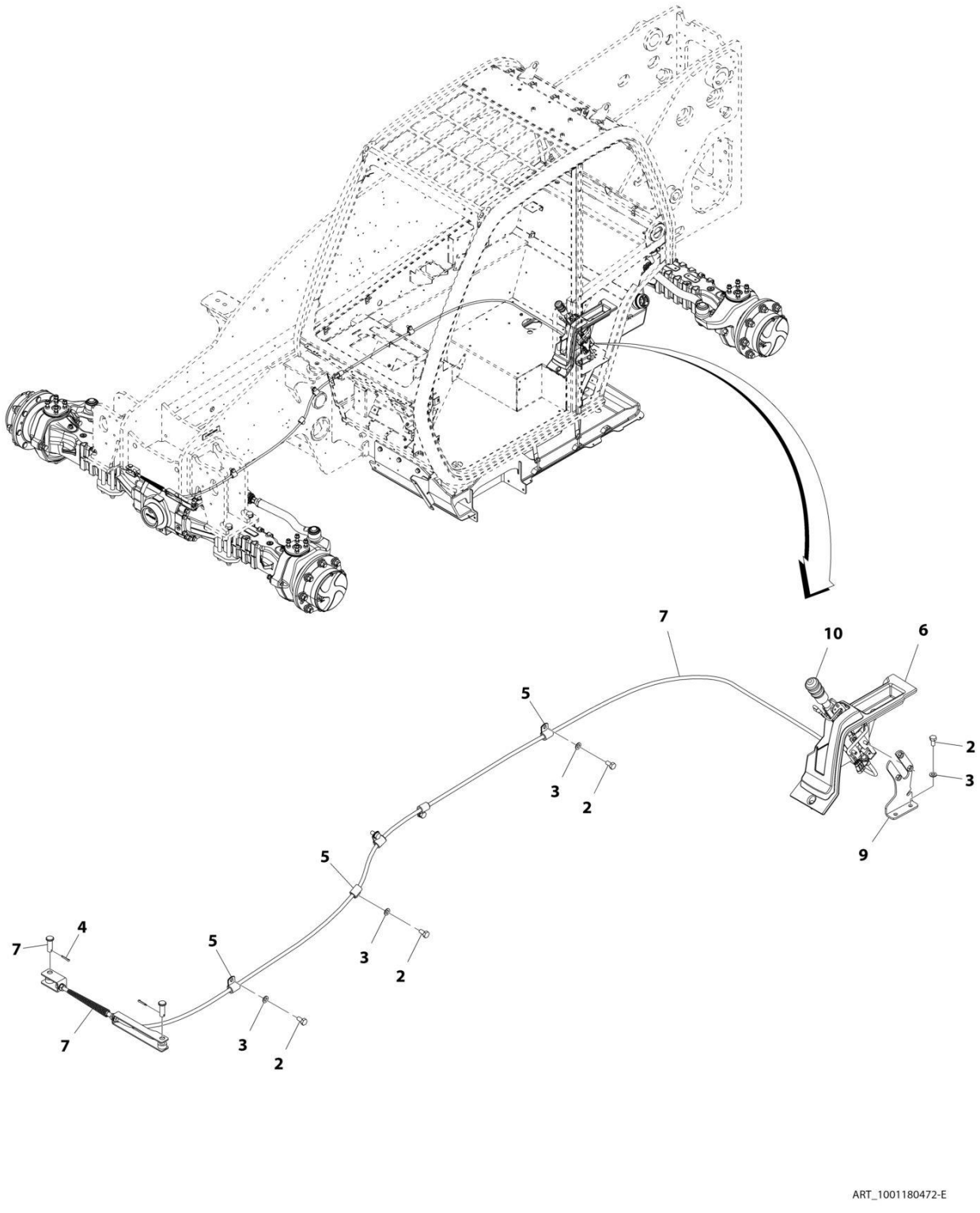
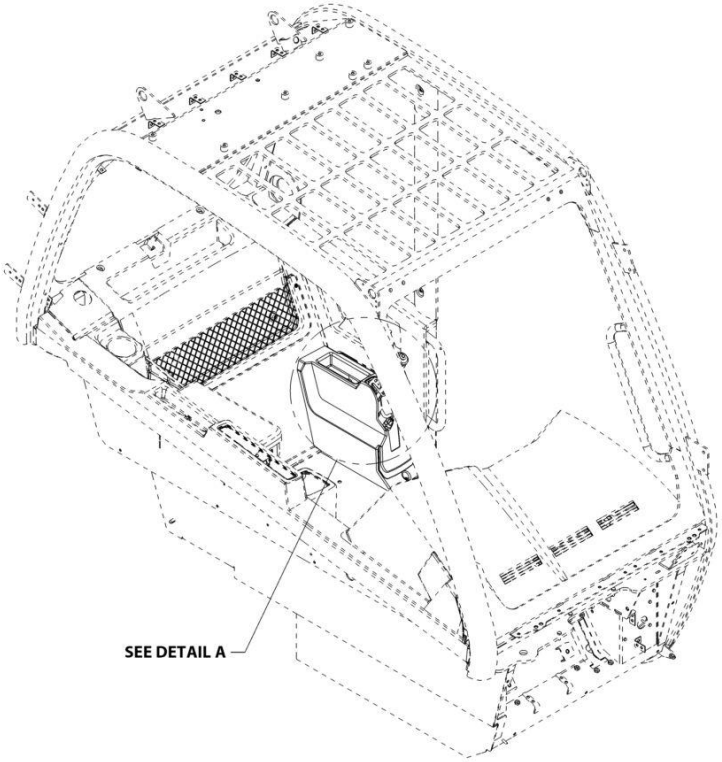
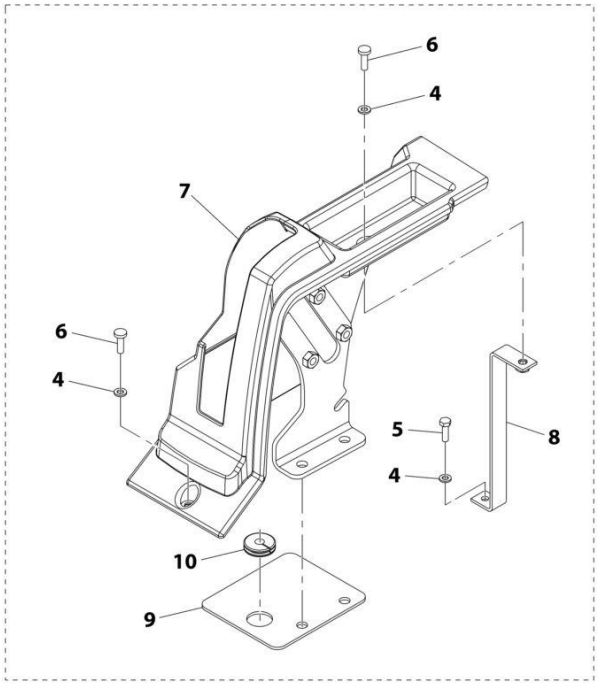


FIGURE 7-8. PARKING BRAKE INSTALLATION (CABLE - STANDARD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180472	Ref	Parking Brake Installation (Cable)	E
2	0761010	7	Bolt, M10X20	
3	4812000	7	Washer, M10	
4	3391408	2	Pin	
5	1001003809	5	Clamp	
6	1001174567	1	Cover, Parking Brake (Mechanical) (See Separate Breakdown in this Section)	
7	1001177053	1	Assembly, Parking Cable (Mechanical) (See Separate Breakdown in this Section)	
9	1001195207	1	Bracket	
10	1001201951	1	Lever, Parking Brake (Mechanical)	

FIGURE 7-9. PARKING BRAKE COVER (MECHANICAL)





DETAIL A

ART_1001174567-C

FIGURE 7-9. PARKING BRAKE COVER (MECHANICAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174567	Ref	Parking Brake Cover (Mechanical)	D
4	4811700	3	Washer, M6	
5	0700610	1	Bolt, M6X20	
6	4010610002	2	Screw, M6X20	
7	1001195004	1	Panel, Brake Cover	
8	1001195254	1	Bracket	
9	1001221255	1	Plate, Cover	
10	1001008469	1	Grommet	
11	3520028	1	Plug (Not Shown)	

FIGURE 7-10. PARKING CABLE ASSEMBLY (MECHANICAL)

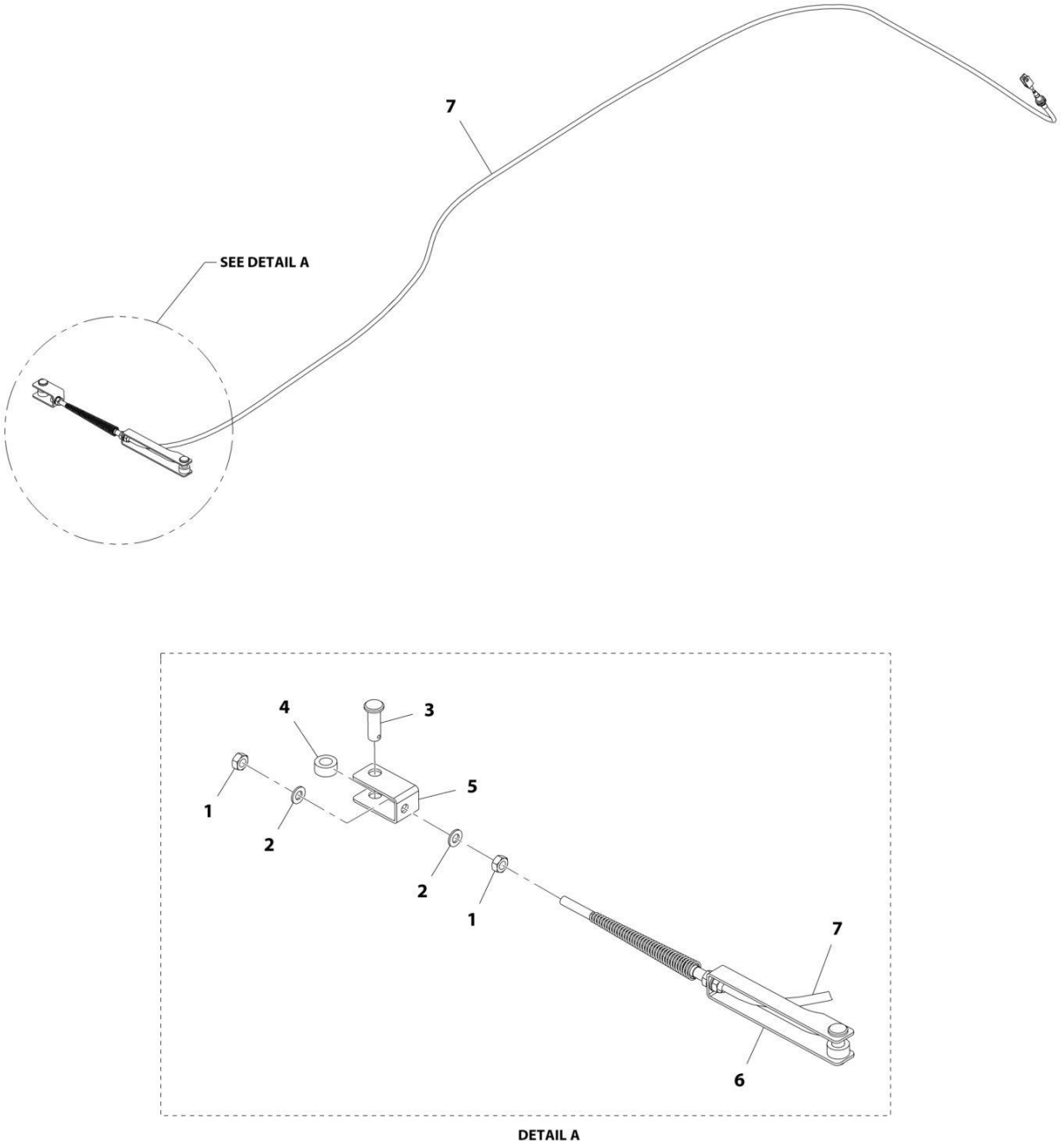


FIGURE 7-10. PARKING CABLE ASSEMBLY (MECHANICAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177053	Ref	Parking Cable Assembly (Mechanical)	A
1	3291001	4	Nut, M10X1.5 Grade 8	
2	4812000	4	Washer, M10	
3	1001177048	2	Pin	
4	1001177049	2	Spacer	
5	1001177050	1	Clevis, Park Brake Small	
6	1001177051	1	Clevis, Park Brake Large	
7	1001177052	1	Cable, Hand Brake	

FIGURE 7-11. STEERING WHEEL INSTALLATION

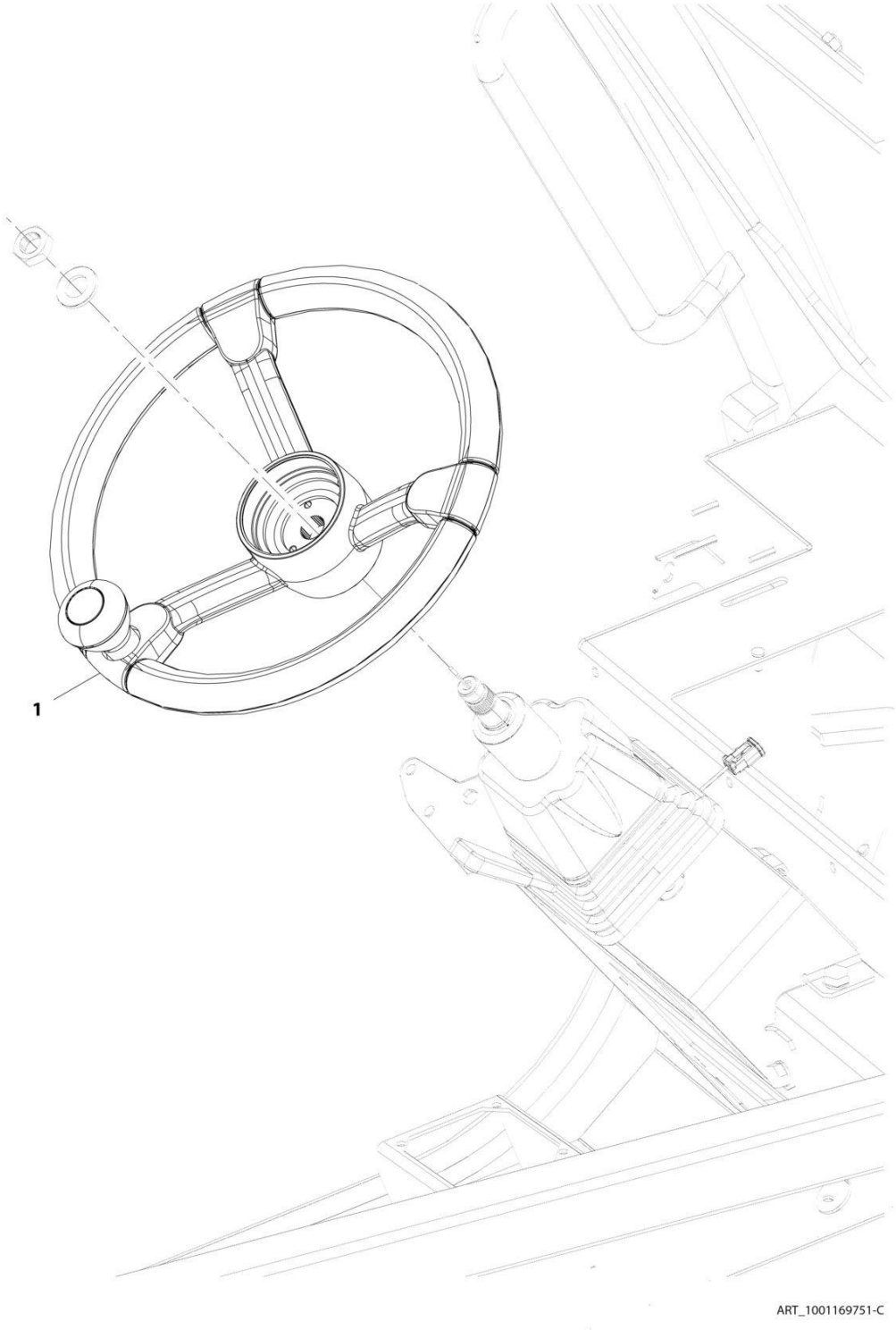
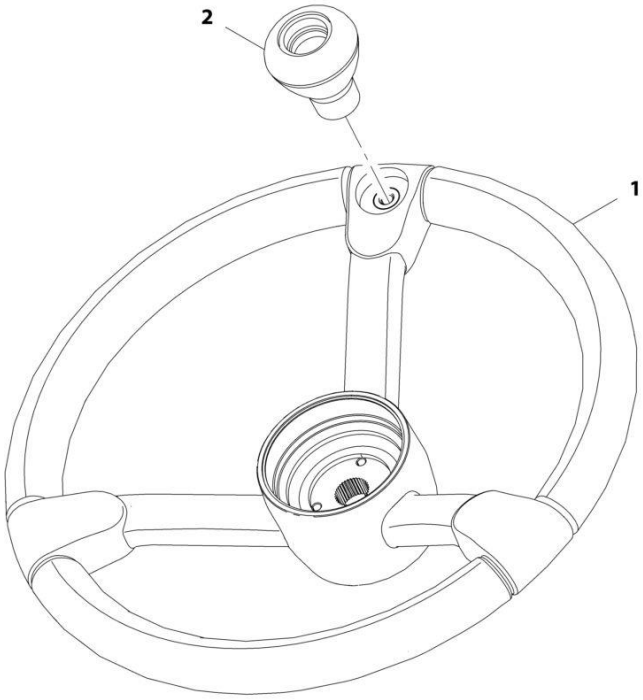


FIGURE 7-11. STEERING WHEEL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169751	Ref	Steering Wheel Installation	C
1	1001169354	1	Wheel, Steering (See Separate Breakdown in this Section)	

FIGURE 7-12. STEERING WHEEL



ART_1001169354-D

FIGURE 7-12. STEERING WHEEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169354	Ref	Steering Wheel	D
1	1001169367	1	Wheel, Steering	
2	1001169355	1	Handle, Steer Spinner	

FIGURE 7-13. STEERING COLUMN INSTALLATION

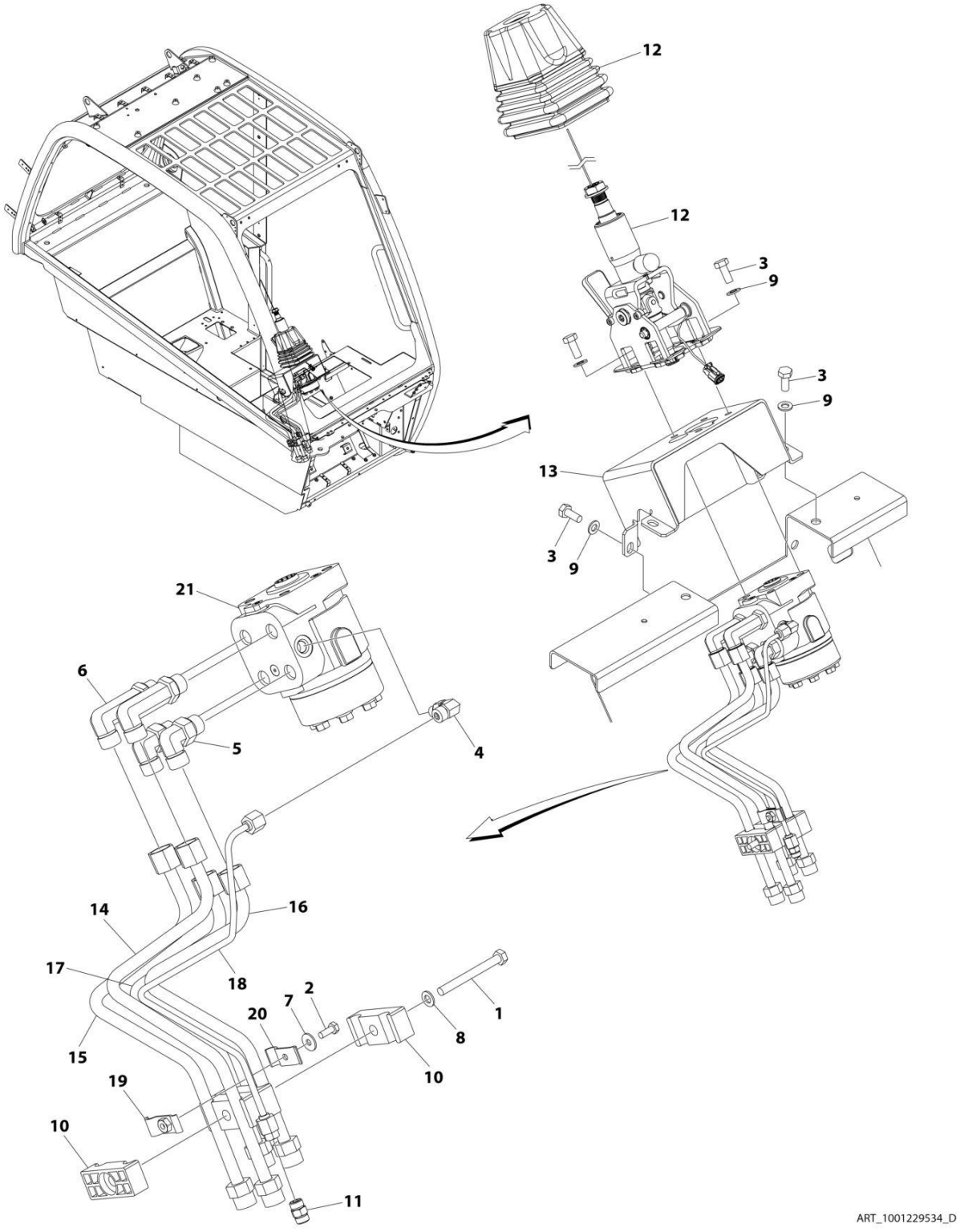
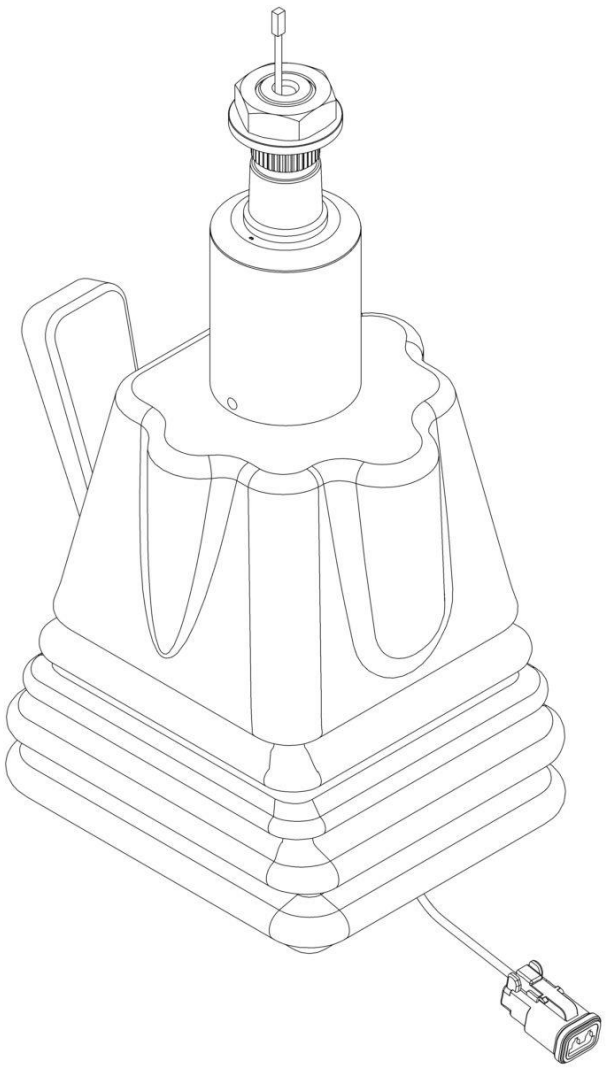


FIGURE 7-13. STEERING COLUMN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229534	Ref	Steering Column Installation	D
1	0700824	1	Bolt, M8X80	
2	0760608	1	Bolt, M6X16	
3	0761012	8	Bolt, M10X25	
4	2130404	1	Fitting, 90 ORFS	
5	2130808	2	Fitting, 90 ORFS	
6	2170208	2	Fitting, 90 ORFS	
7	4811702	1	Washer, M6	
8	4811900	1	Washer, M8	
9	4812000	8	Washer, M10	
10	1001004640	4	Clamp	
11	1001143857	1	Fitting, Straight ORFS	
12	1001257330	1	Column Assembly - Tilt Steering (No Service Parts Available - Purchase Complete Assembly))	
13	1001156265	1	Bracket, Support	
14	1001161672	1	Pipe	
15	1001161896	1	Pipe	
16	1001161897	1	Pipe	
17	1001161898	1	Pipe	
18	1001162979	1	Pipe	
19	1001168142	1	Bracket	
20	1001168151	1	Bracket	
21	1001229087	1	Valve, Steering Unit	

FIGURE 7-14. TILT STEERING COLUMN

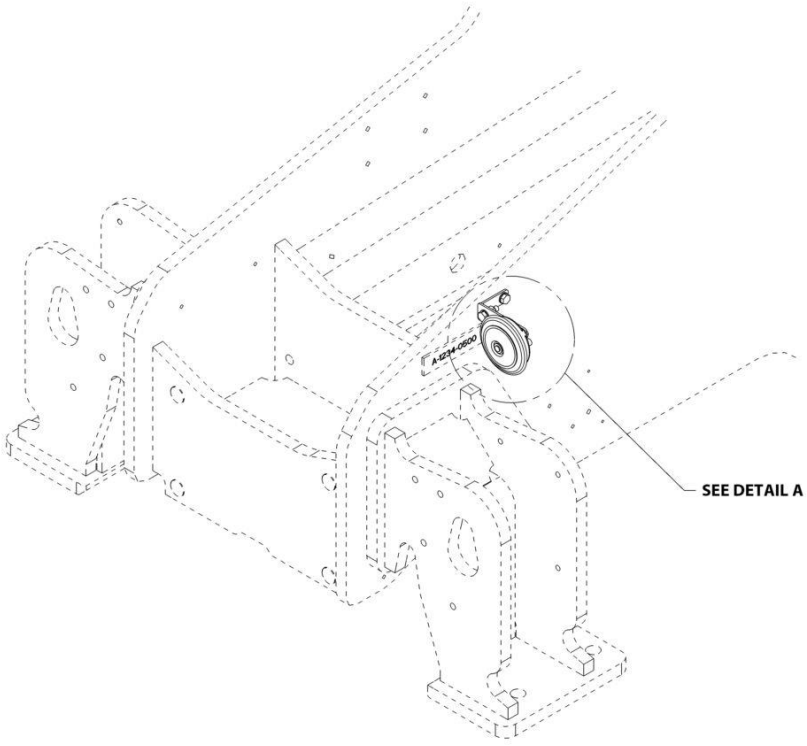


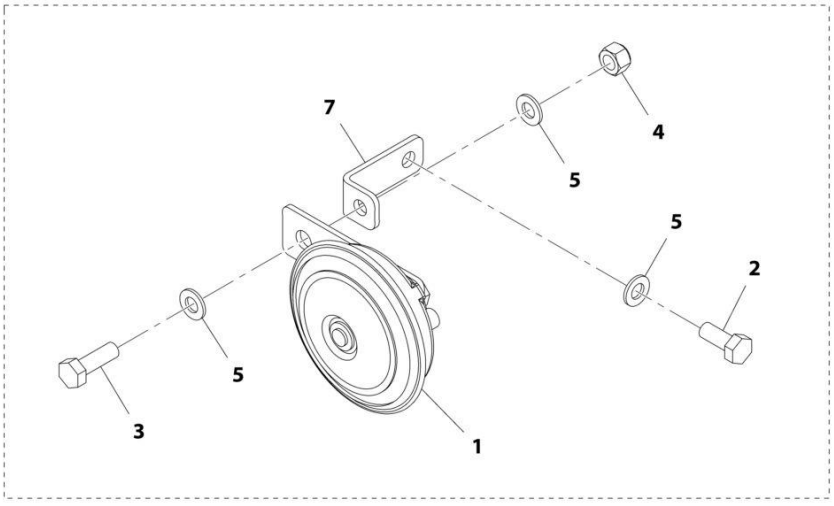
ART_1001257330

FIGURE 7-14. TILT STEERING COLUMN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257330	Ref	TILT STEERING COLUMN	A
		Ref	Note: No Service Parts Available - Purchase Complete Assembly	

FIGURE 7-15. HORN INSTALLATION





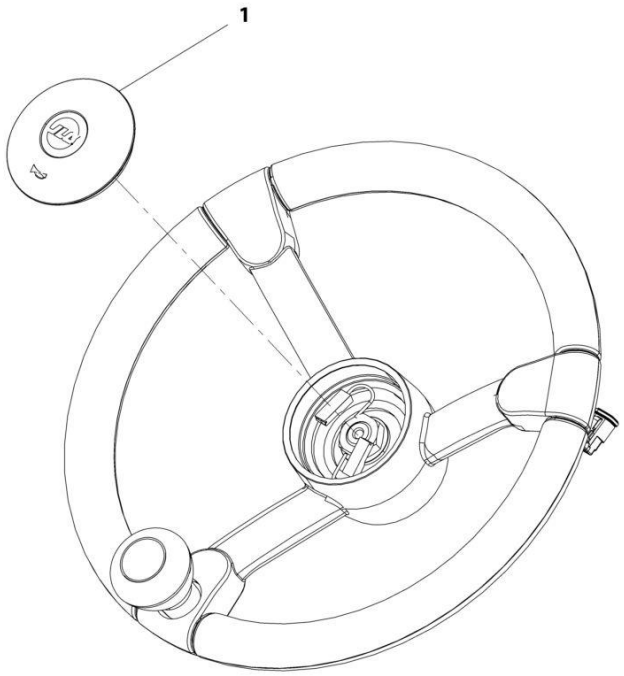
DETAIL A

ART_1001180418-C

FIGURE 7-15. HORN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180418	Ref	Horn Installation	C
1	1001003596	1	Horn	
2	0760810	1	Bolt, M8X20	
3	0760812	1	Bolt, M8X25	
4	3290805	1	Nut, Lock M8X1.25 Grade 8	
5	4811900	3	Washer, M8	
7	1001104437	1	Bracket, Horn Mount	

FIGURE 7-16. HORN BUTTON INSTALLATION



ART_1001169763-A

FIGURE 7-16. HORN BUTTON INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169763	Ref	Horn Button Installation	A
1	1001169268	1	Button, Horn	

FIGURE 7-17. JOYSTICK INSTALLATION

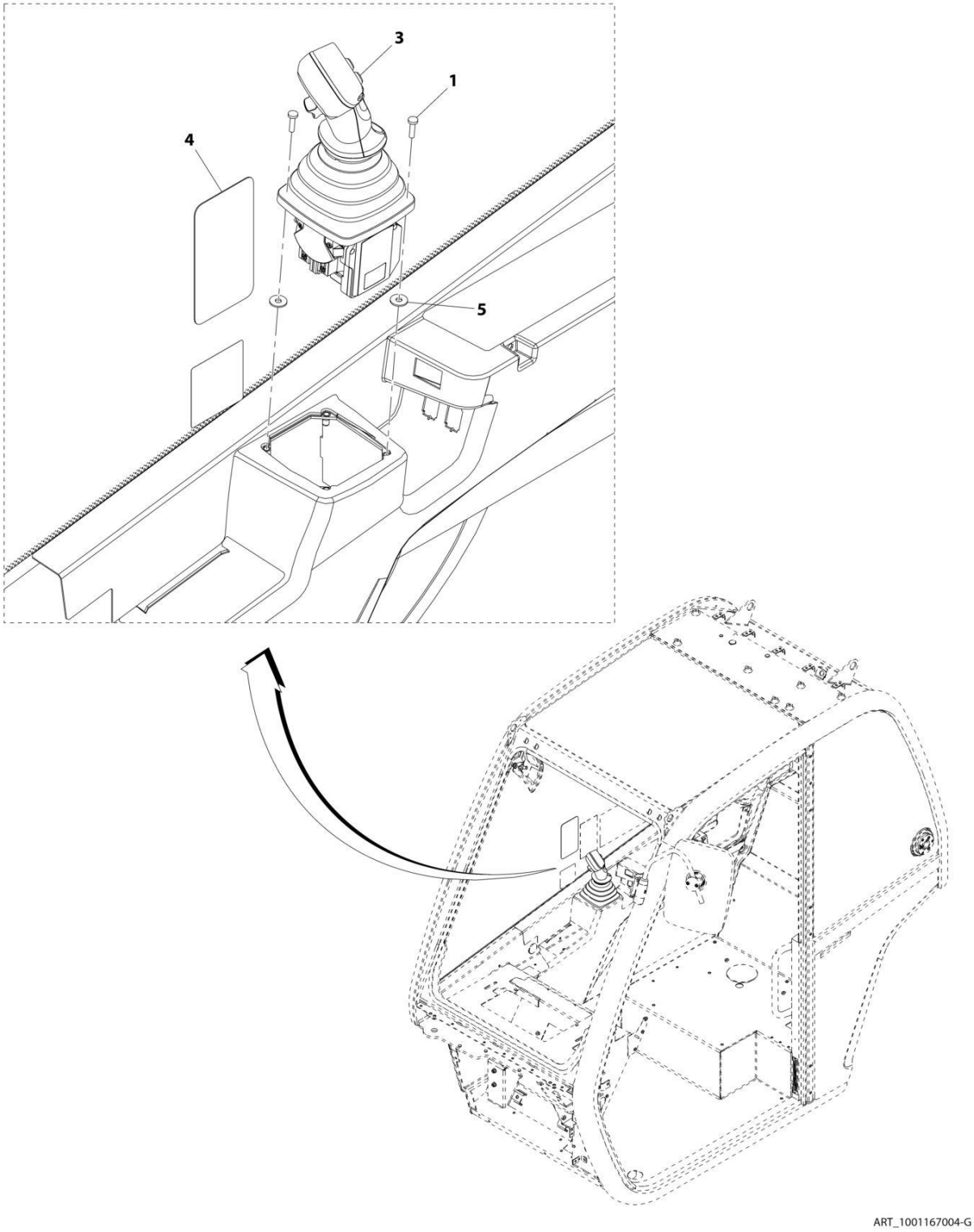


FIGURE 7-17. JOYSTICK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167004	Ref	Joystick Installation	H
1	4010510	4	Screw, M5X20	
3	1001222603	1	Joystick	
4	1001236404	NLA	Decal, Joystick (no longer available, use 1001241950 for replacement)	
4	1001241950	1	Decal, Joystick	
5	4811702001	AR	Washer, M6	

FIGURE 7-18. WIPER-TURN SWITCH (0 SPEED - FNR)

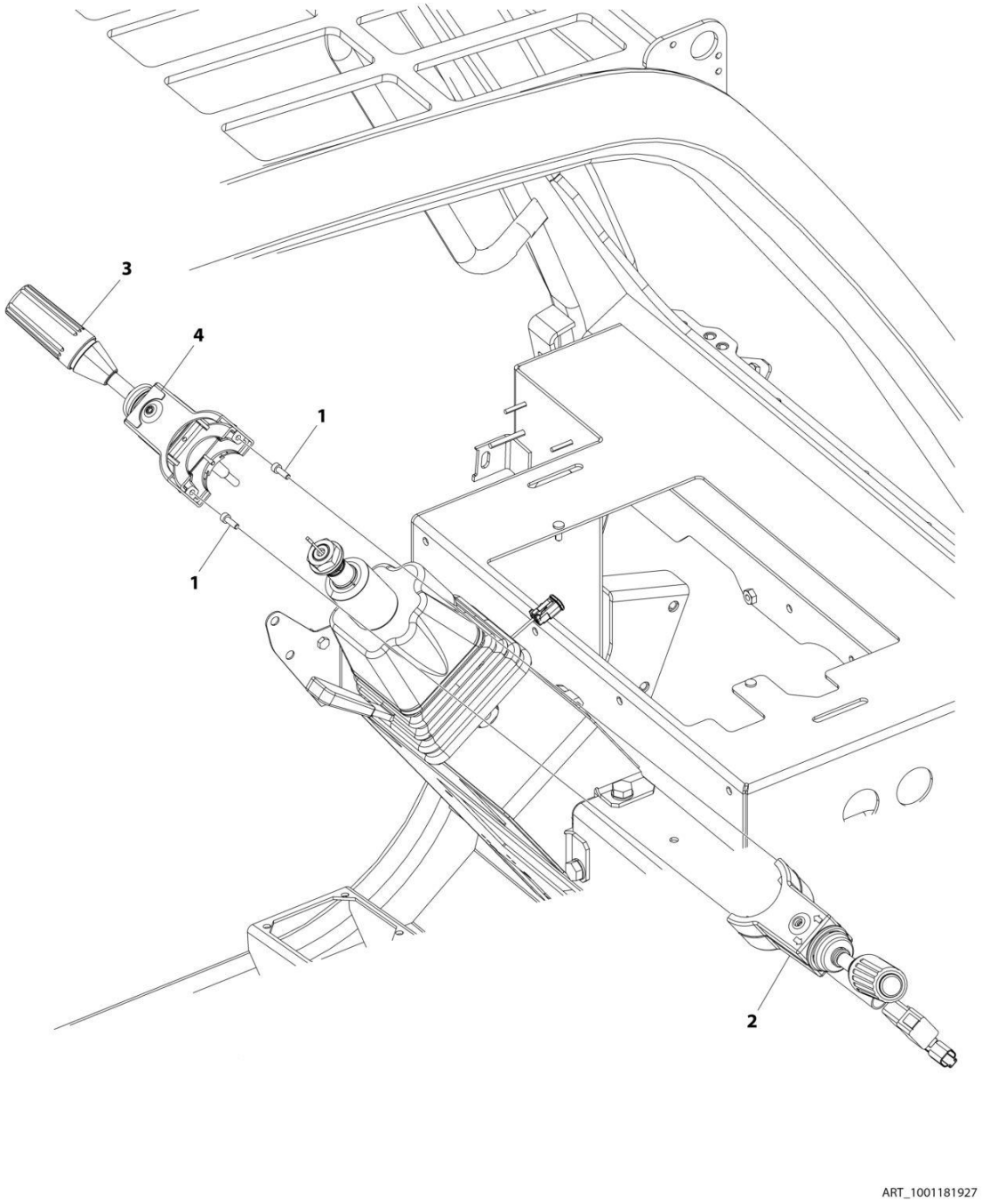


FIGURE 7-18. WIPER-TURN SWITCH (0 SPEED - FNR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181927	Ref	Wiper-Turn Switch (0 Speed - FNR)	F
1	4031607	2	Bolt, M5X16	
2	1001214280	1	Switch, Turn-Wiper	
3	1001257348	1	Switch, Zero Speed	
4	1001236402	1	Decal	

FIGURE 7-19. WIPER-TURN SWITCH (NO SPEED)

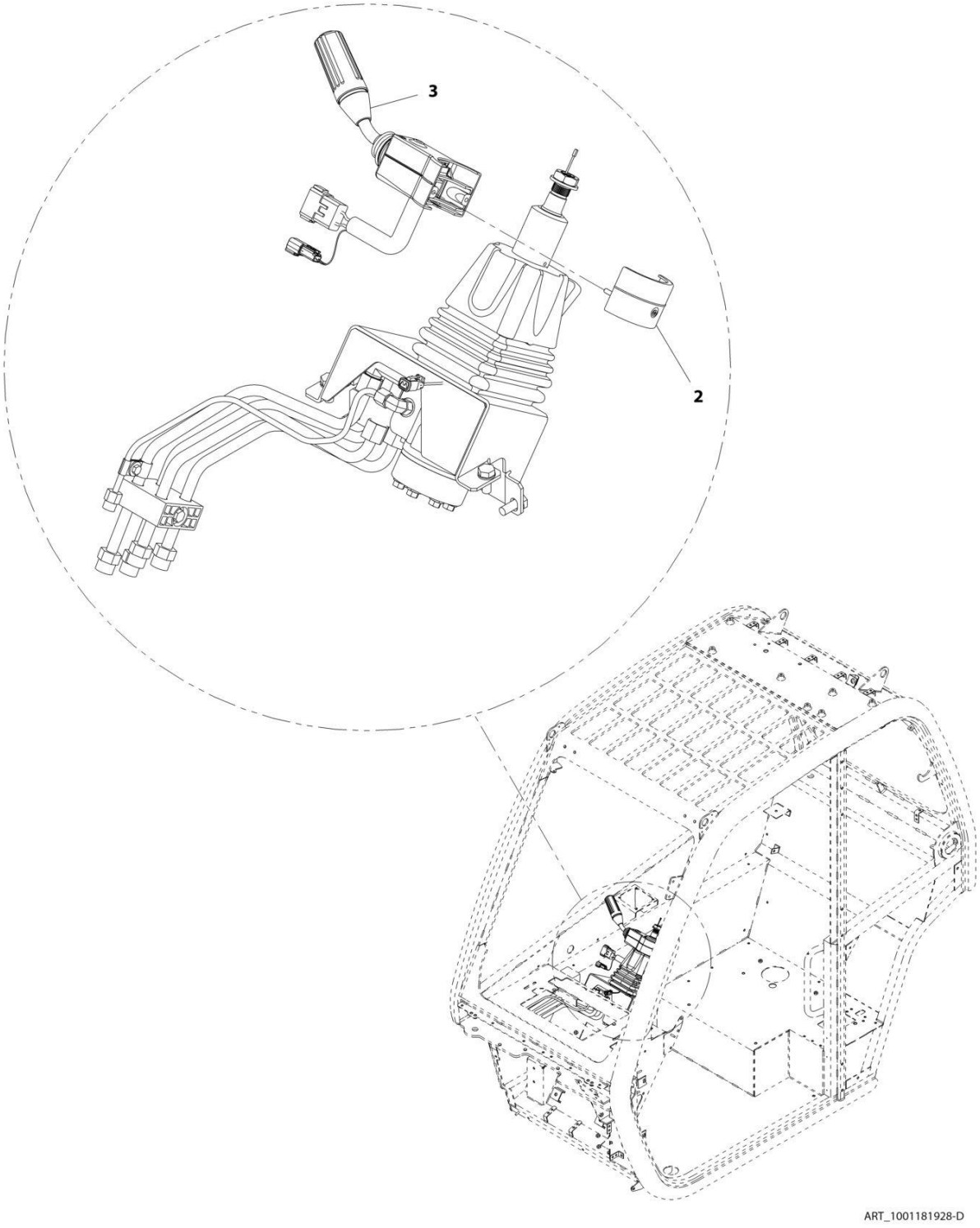
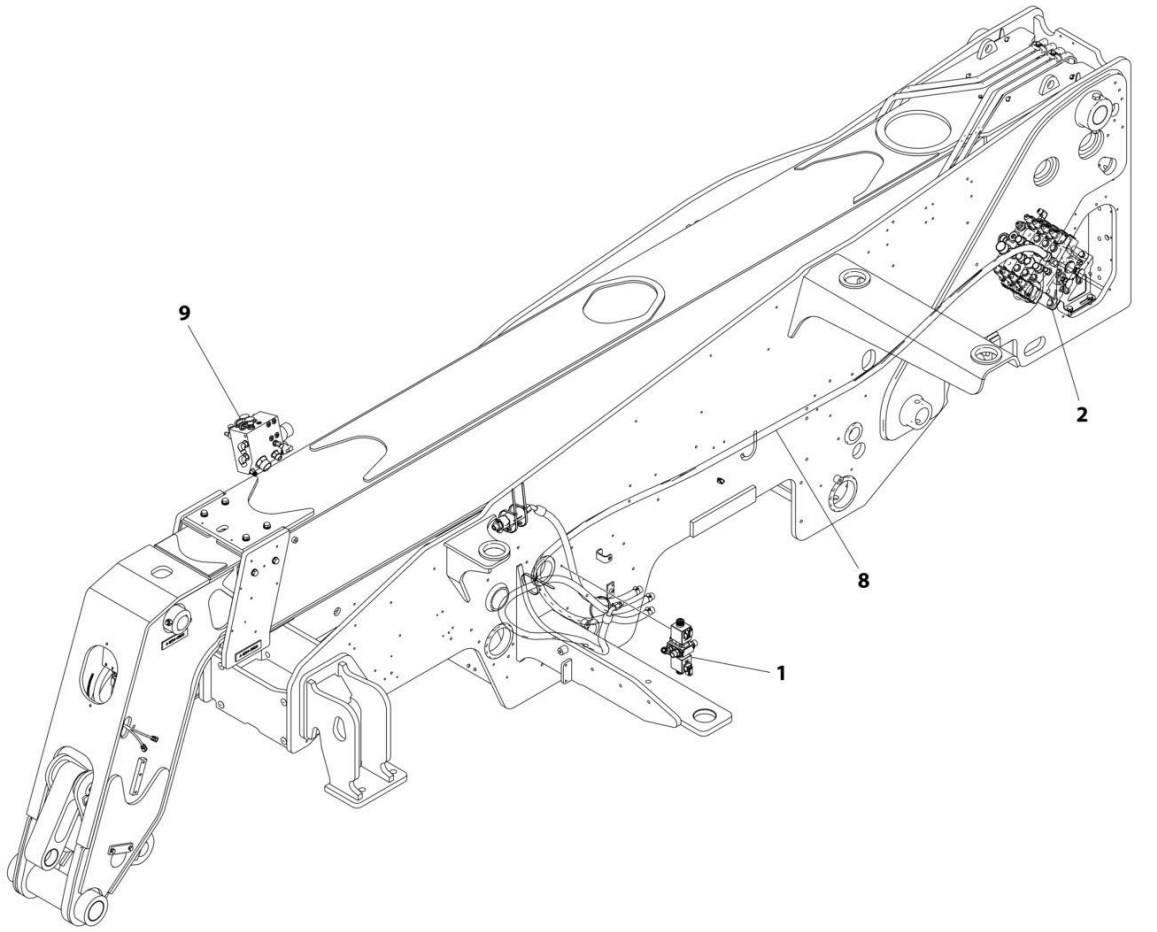


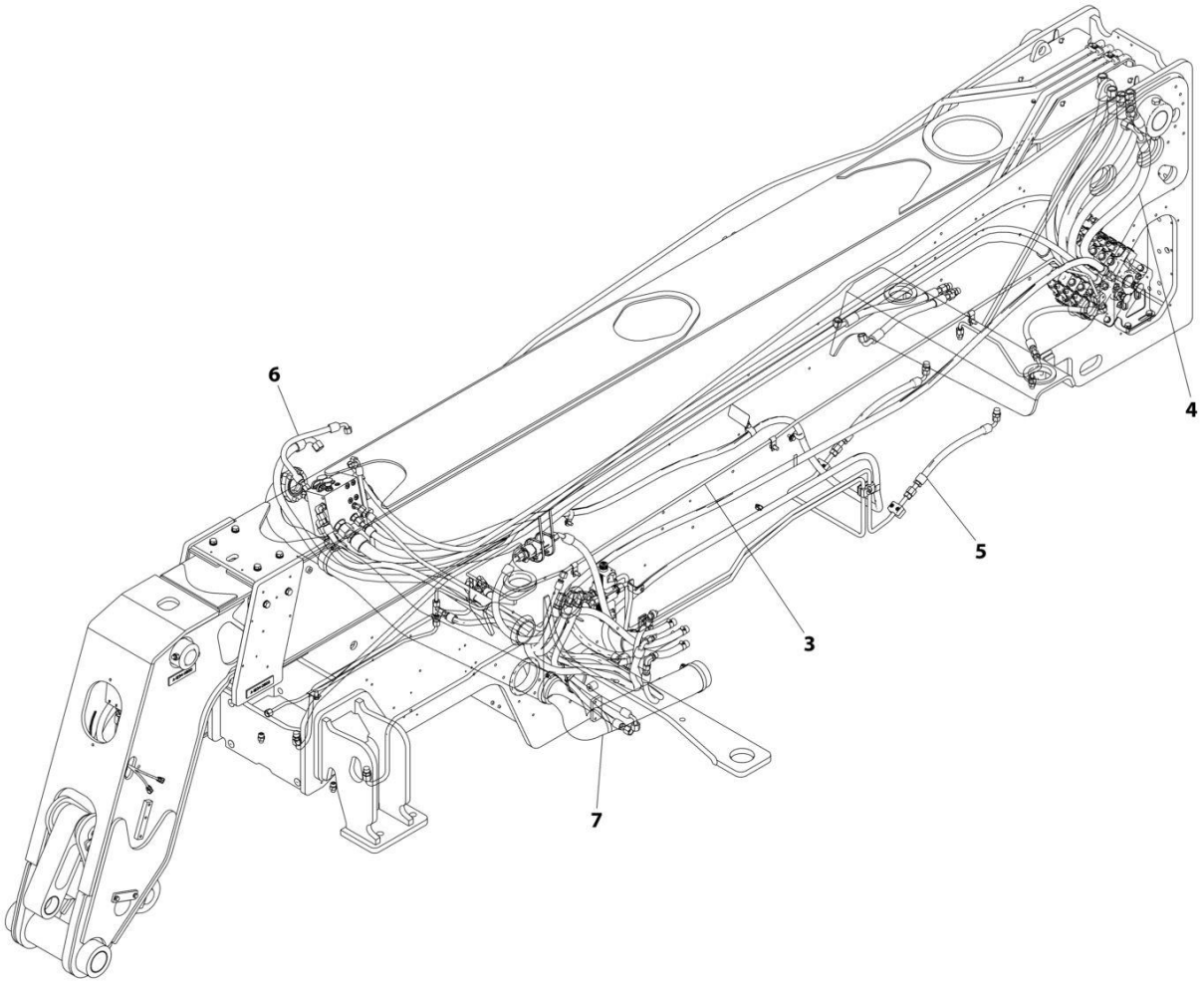
FIGURE 7-19. WIPER-TURN SWITCH (NO SPEED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181928	Ref	Wiper-Turn Switch (No Speed)	D
2	1001146949	1	Clamp	
3	1001214280	1	Switch, Turn-Wiper	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-1. COMMON HYDRAULICS INSTALLATION





ART_1001256609_F_2OF2

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-1. COMMON HYDRAULICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256609	Ref	HYDRAULICS INSTALLATION	F
1	1001172894	1	Installation, Steer Valve (See Separate Breakdown in this Section)	
2	1001172900	1	Installation, Main Control Valve (See Separate Breakdown in this Section)	
3	1001172909	1	Installation, Brake Lines (See Separate Breakdown in this Section)	
4	1001173013	1	Installation, Boom Lines (See Separate Breakdown in this Section)	
5	1001180134	1	Installation, Steering Lines (See Separate Breakdown in this Section)	
6	1001269407	1	Installation, Priority Lines (See Separate Breakdown in this Section)	
7	1001184531	1	Installation, Suction Lines (See Separate Breakdown in this Section)	
8	1001185351	1	Installation, Return Lines (See Separate Breakdown in this Section)	
9	1001269021	1	Installation, Priority Valve (See Separate Breakdown in this Section)	

FIGURE 8-2. AUXILIARY HYDRAULICS INSTALLATION - REAR (TWIN)

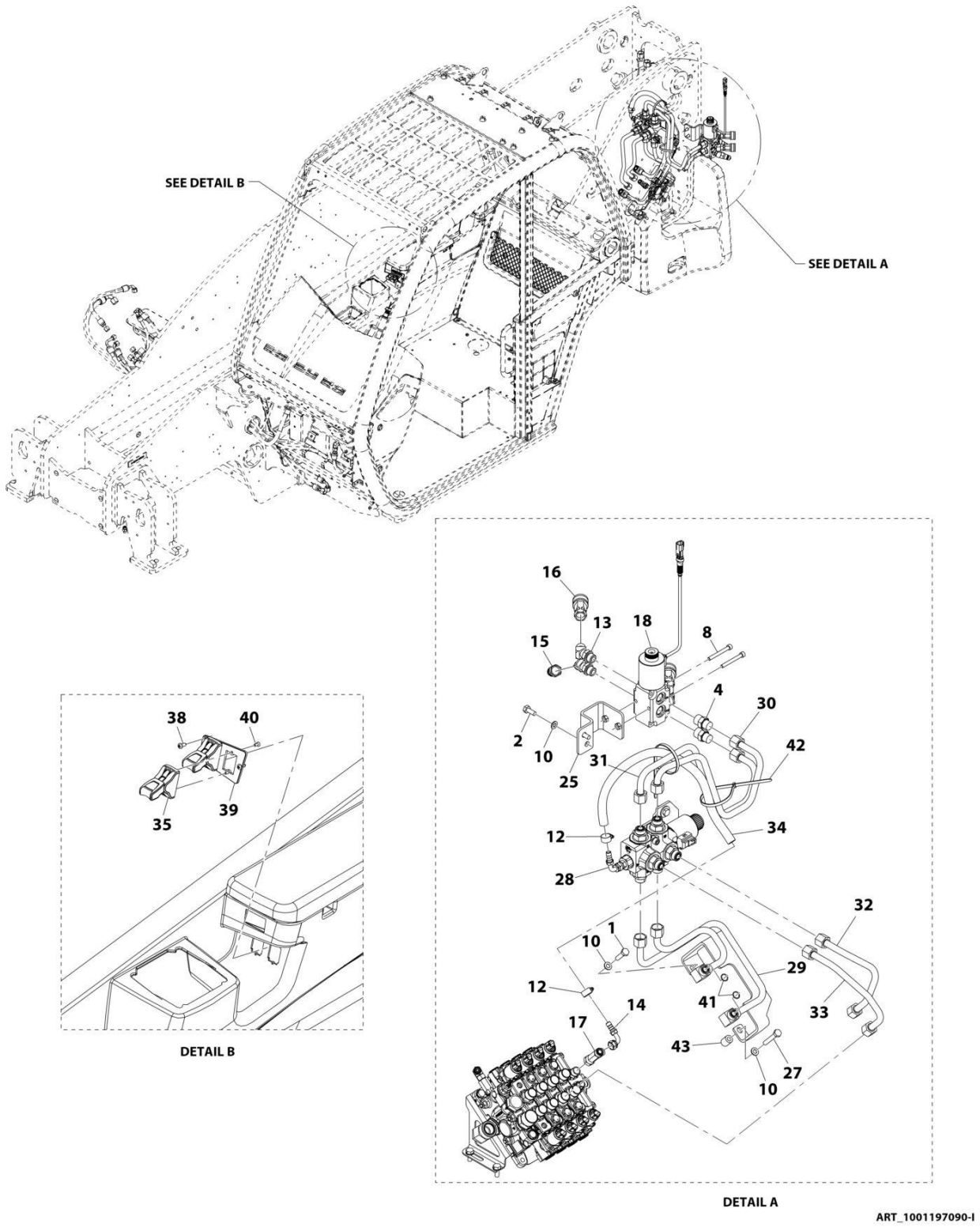


FIGURE 8-2. AUXILIARY HYDRAULICS INSTALLATION - REAR (TWIN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197090	Ref	Rear Aux Hydraulics Installation (Twin)	I
1	0701016	1	Bolt, M10X40	
2	0761012	2	Bolt, M10X25	
4	2111010	2	Fitting, Straight ORFS	
8	4031918	2	Bolt, M8X70	
10	4812000	4	Washer, M10	
12	8405006	2	Clamp	
13	1001005904	4	Fitting, 45	
14	1001095301	1	Fitting, 90 ORFS	
15	1001101041	2	Coupling, Male Quick Disconnect	
16	1001101042	2	Coupling, Female Quick Disconnect	
17	1001104646	1	Fitting, Tee ORFS	
18	1001110023	1	Valve, Divertor (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
25	1001213871	1	Bracket	
27	0701021	1	Bolt, M10X65	
28	1001204420	1	Assembly, Divertor Valve (Hi Flow) (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
29	1001204421	NLA	Pipe (no longer available, use 1001226776 for replacement)	
29	1001226776	1	Pipe	
30	1001213771	NLA	Pipe, ORFS (no longer available, use 1001226101 for replacement)	
30	1001226101	1	Pipe, ORFS	
31	1001213772	1	Pipe, ORFS	
32	1001204427	NLA	Pipe, ORFS (no longer available, use 1001226777 for replacement)	
32	1001226777	1	Pipe, ORFS	
33	1001204428	NLA	Pipe, ORFS (no longer available, use 1001226778 for replacement)	
33	1001226778	1	Pipe, ORFS	
34	1001204437	NLA	Hose (no longer available, use 1001226779 for replacement)	
34	1001226779	1	Hose	
35	1001242098	2	Joystick, Fingertip Control	
38	7029486	1	Screw	
39	1001216163	1	Plate	
40	1001216232	4	Screw	
41	1001008922	2	Seal	
42	1062255	2	Strap, Tie	
43	1001188548	1	Boss	

FIGURE 8-3. AUXILIARY HYDRAULICS INSTALLATION - REAR (SINGLE)

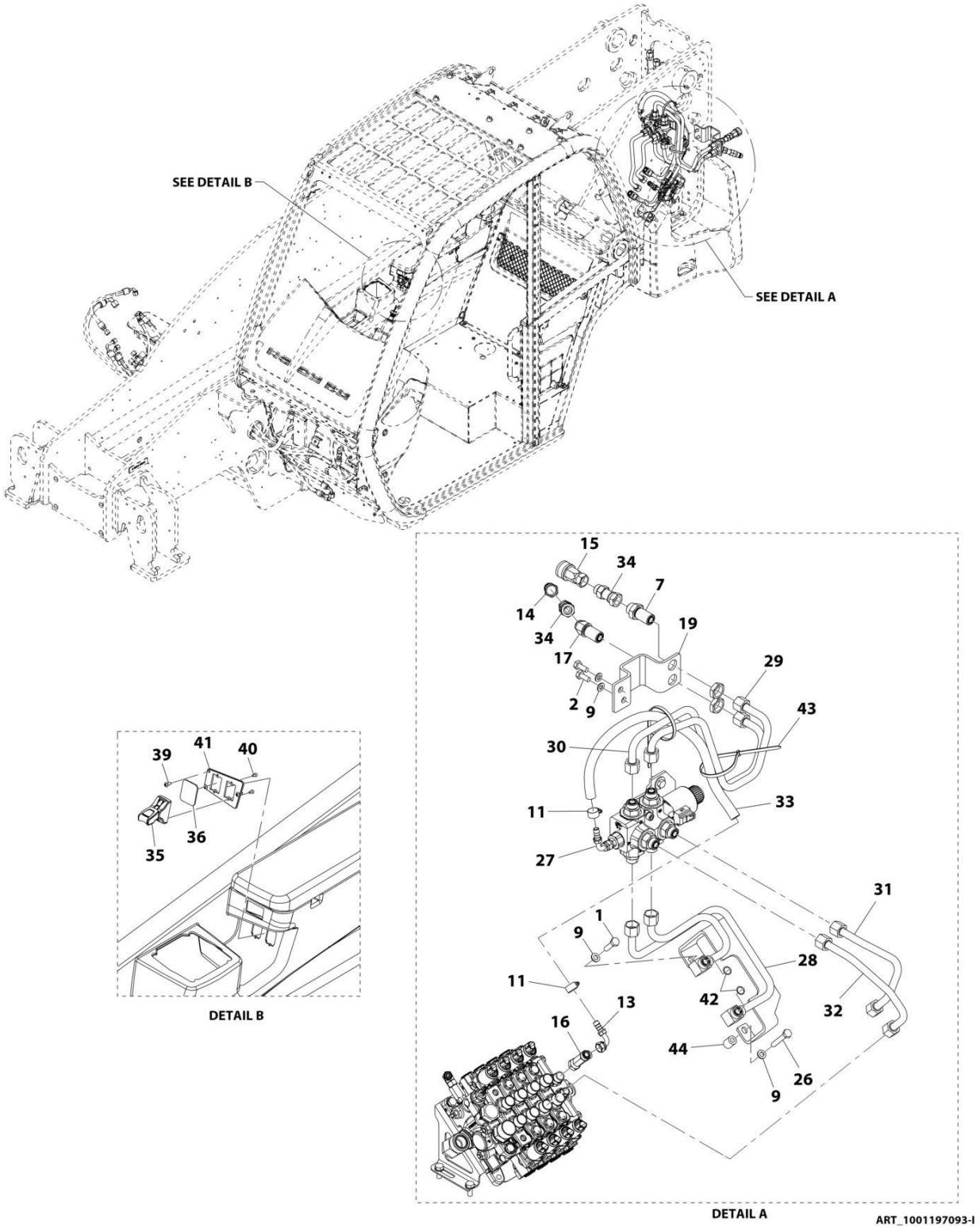


FIGURE 8-3. AUXILIARY HYDRAULICS INSTALLATION - REAR (SINGLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197093	Ref	Rear Aux Hydraulics Installation (Single)	I
1	0701016	1	Bolt, M10X40	
2	0761012	2	Bolt, M10X25	
7	2171110	1	Fitting, Straight ORFS	
9	4812000	4	Washer, M10	
11	8405006	2	Clamp	
13	1001095301	1	Fitting, 90 ORFS	
14	1001101041	1	Coupling, Male Quick Disconnect	
15	1001101042	1	Coupling, Female Quick Disconnect	
16	1001104646	1	Fitting, Tee ORFS	
17	2171310	1	Fitting, 45 ORFS	
19	1001213829	1	Bracket	
26	0701021	1	Bolt, M10X65	
27	1001204420	1	Assembly, Divertor Valve (Hi Flow) (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
28	1001204421	NLA	Pipe (no longer available, use 1001226776 for replacement)	
28	1001226776	1	Pipe	
29	1001213771	NLA	Pipe, ORFS (no longer available, use 1001226101 for replacement)	
29	1001226101	1	Pipe, ORFS	
30	1001213772	1	Pipe, ORFS	
31	1001204427	NLA	Pipe, ORFS (no longer available, use 1001226777 for replacement)	
31	1001226777	1	Pipe, ORFS	
32	1001204428	NLA	Pipe, ORFS (no longer available, use 1001226778 for replacement)	
32	1001226778	1	Pipe, ORFS	
33	1001204437	NLA	Hose (no longer available, use 1001226779 for replacement)	
33	1001226779	1	Hose	
34	1001001556	2	Fitting, Straight ORFS	
35	1001242098	1	Joystick, Fingertip Control	
36	1001214399	1	Cover	
39	7029486	3	Screw	
40	1001216232	2	Screw	
41	1001216163	1	Plate	
42	1001008922	2	Seal	
43	1062255	2	Strap, Tie	
44	1001188548	1	Boss	

FIGURE 8-4. BOOM HYDRAULIC INSTALLATION

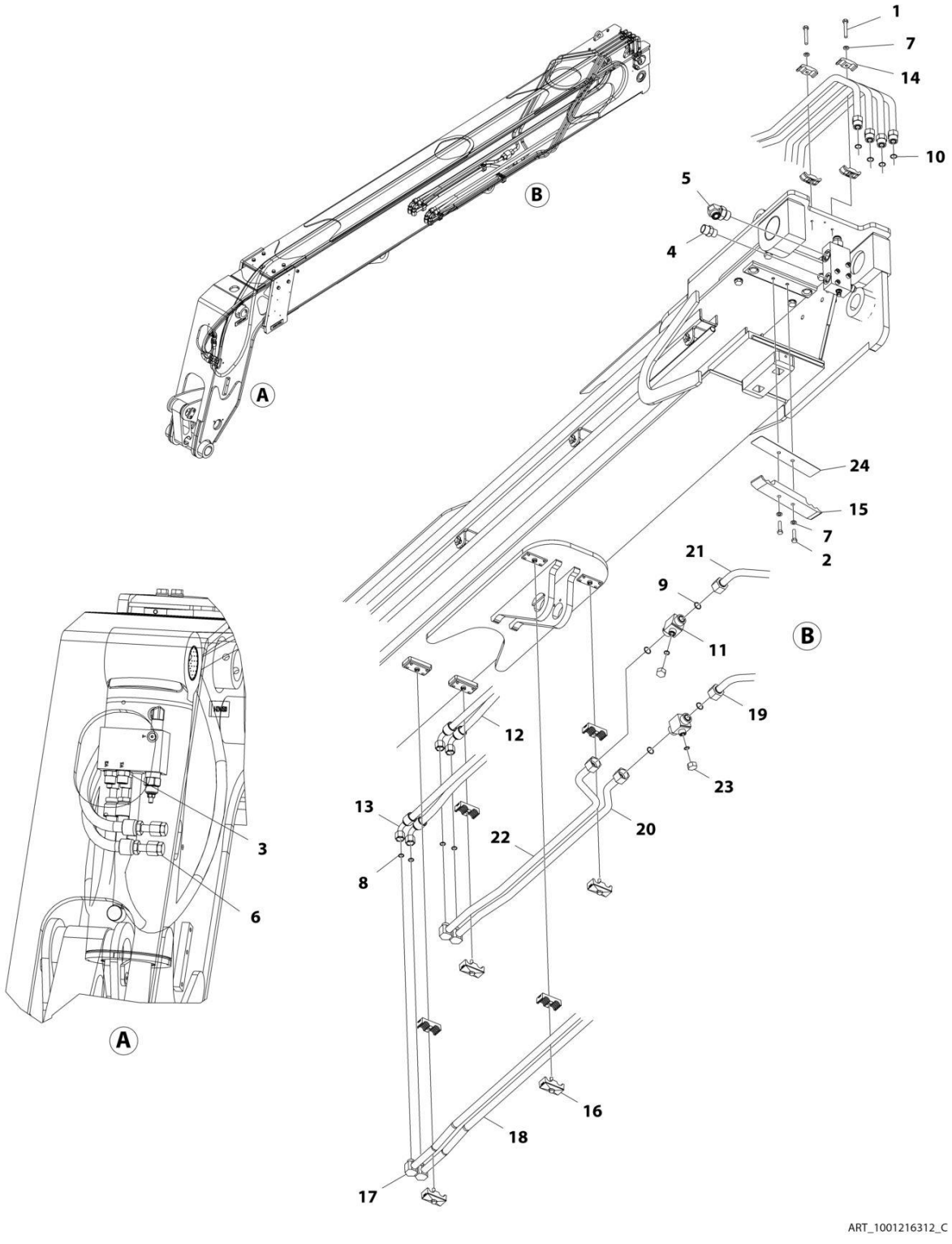


FIGURE 8-4. BOOM HYDRAULIC INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216312	Ref	BOOM HYDRAULIC INSTALLATION	C
1	0700819	2	Bolt M8 x 55	
2	0760815	2	Bolt M8 x 35	
2	0760817	2	Bolt M8 x 45	
3	2110808	2	Fitting, Straight ORFS	
4	2111010	1	Fitting, Straight ORFS	
5	2131012	1	Fitting, 90 ORFS	
6	2171008	2	Plug	
7	4811900	4	Washer M8	
8	1001008805	6	Seal	
9	1001008863	4	Seal	
10	1001008922	4	Seal	
11	1001182793	2	Fitting, Straight ORFS	
12	1001270597	1	Hose	
13	1001188808	1	Hose	
14	1001213883	2	Clamp	
15	1001213925	1	Clamp (Used without Item 24 Clamping Plate)	
15	1001282197	1	Clamp (Used with Item 24 Clamping Plate)	
16	1001216237	4	Clamp	
17	1001216275	1	Tube	
18	1001216276	1	Pipe	
19	1001216277	1	Pipe	
20	1001216278	1	Pipe	
21	1001216279	1	Pipe	
22	1001216280	1	Pipe	
23	2170908	2	Cap	
24	1001282247	1	Plate, Clamping	

FIGURE 8-5. BOOM LINES INSTALLATION

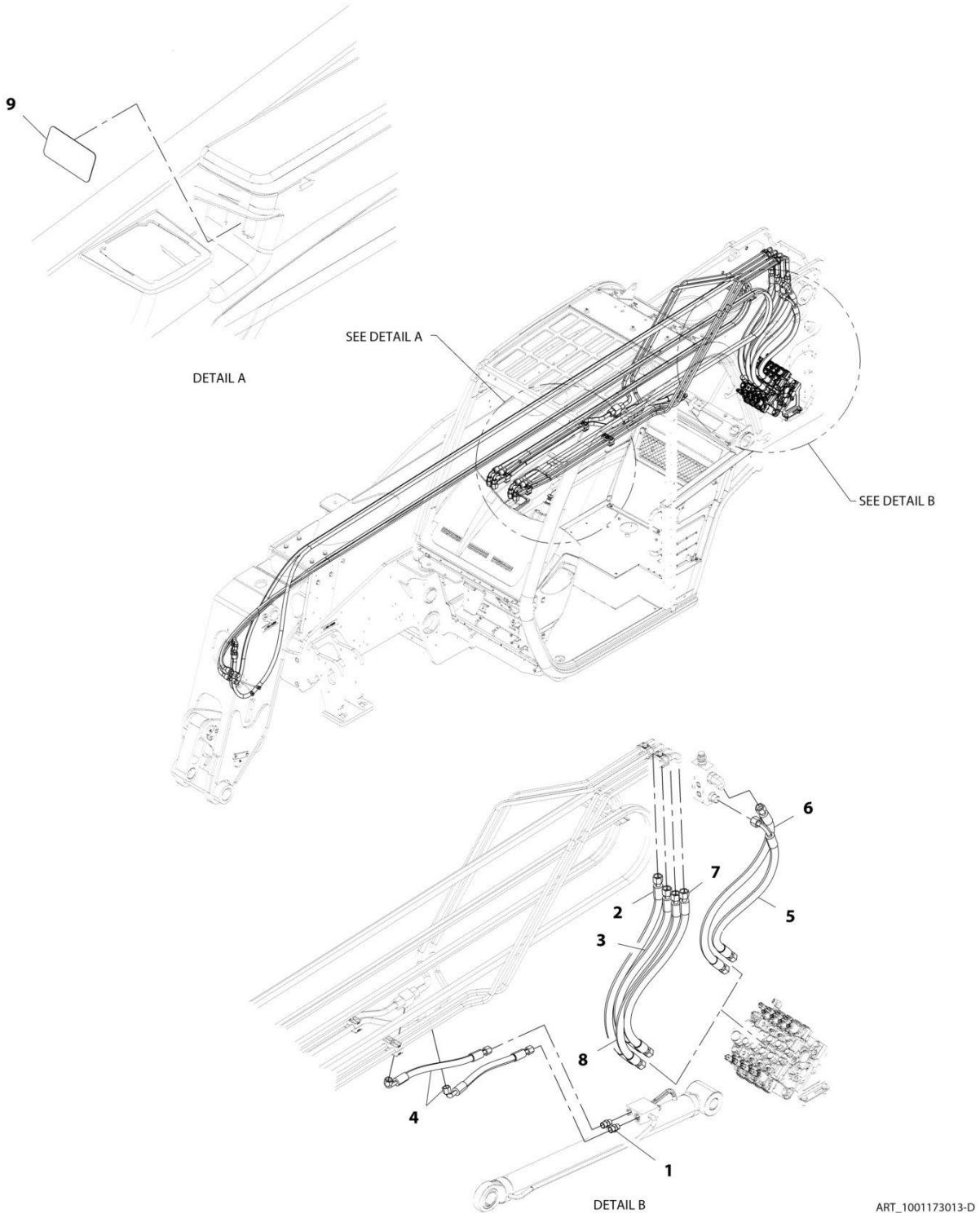


FIGURE 8-5. BOOM LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173013	Ref	Boom Lines Installation	D
1	2110808	2	Fitting, Straight ORFS	
2	1001181562	1	Hose	
3	1001181563	1	Hose	
4	1001181784	2	Hose	
5	1001181568	1	Hose	
6	1001181569	1	Hose	
7	1001181565	1	Hose	
8	1001181564	1	Hose	
9	1670836	1	Cover, Boom	

FIGURE 8-6. BOOM RAISE HOSES INSTALLATION (NO RIDE CONTROL)

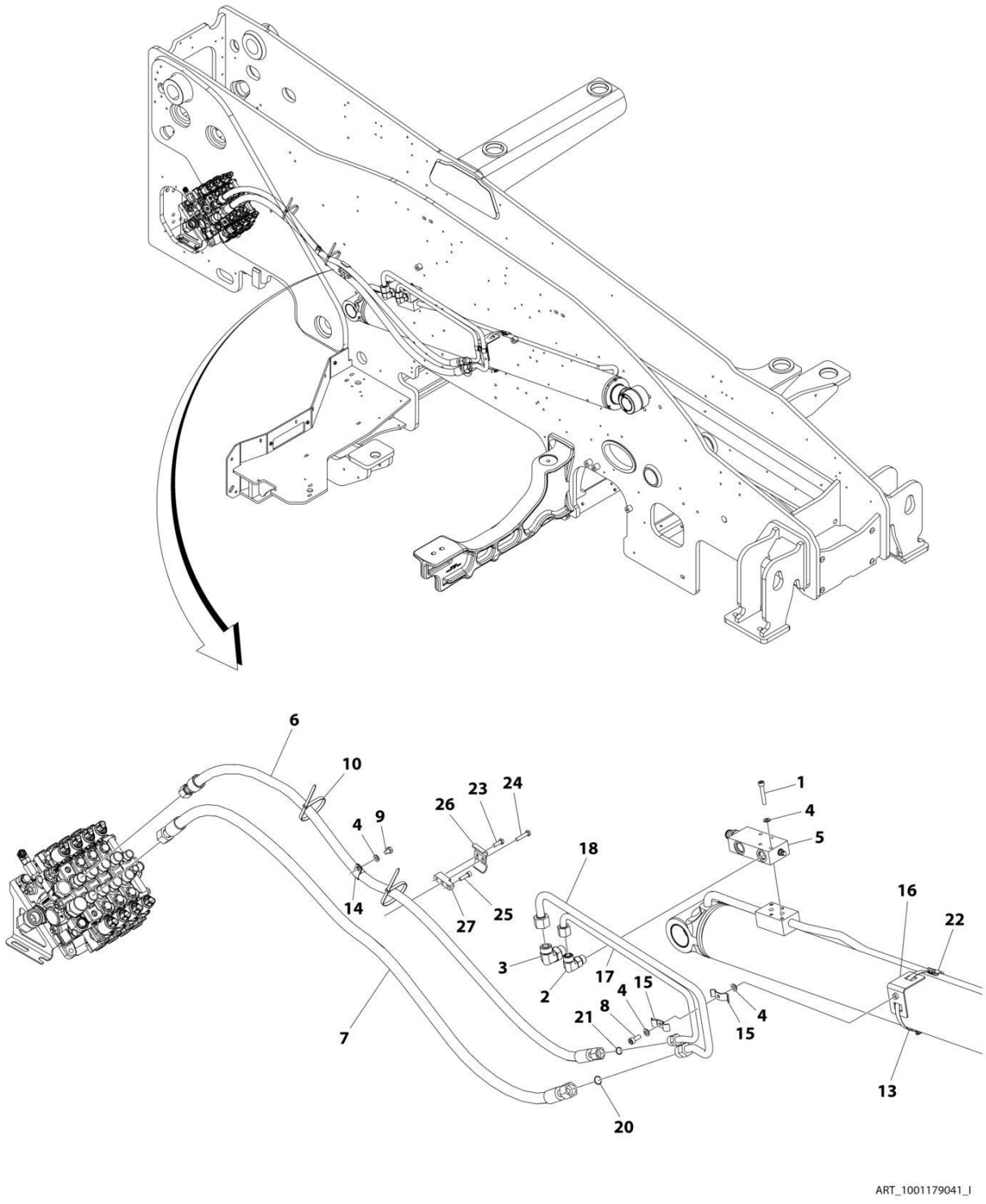


FIGURE 8-6. BOOM RAISE HOSES INSTALLATION (NO RIDE CONTROL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179041	Ref	BOOM RAISE HOSES INSTALLATION (NO RIDE CONTROL)	I
1	5271814	4	Bolt M8 x 50	
2	2131010	1	Fitting, 90 ORFS	
3	2131212	1	Fitting, 90 ORFS	
4	4811900	7	Washer M8	
5	1001201245	1	Valve, Counterbalance (Sold as Assembly - No Service Parts Available)	
5	70027600	1	Seal Kit - Mounting (Includes Seals Between Valve & Cylinder)	
6	1001229223	1	Hose, ORFS	
7	1001203922	1	Hose, ORFS	
8	4031908	1	Bolt M8 x 20	
9	0760807	1	Bolt M8 x 14	
10	1062255	2	Strap, Tie	
13	8405502	1	Clamp	
14	8406201	1	Clamp	
15	1001198331	2	Clamp, Twin	
16	1001221665	1	Bracket	
17	1001221659	1	Pipe, ORFS	
18	1001221660	1	Pipe, ORFS	
20	1001008863	1	Seal	
21	1001008922	1	Seal	
22	1001101064	AR	Clip	
23	0760812	1	Bolt M8 x 25	
24	0760816	1	Bolt M8 x 40	
25	4031910	1	Bolt M8 x 30	
26	1001271129	1	Bracket	
27	1001270857	1	Mount, Block	

FIGURE 8-7. BOOM RAISE HOSES INSTALLATION (WITH RIDE CONTROL)

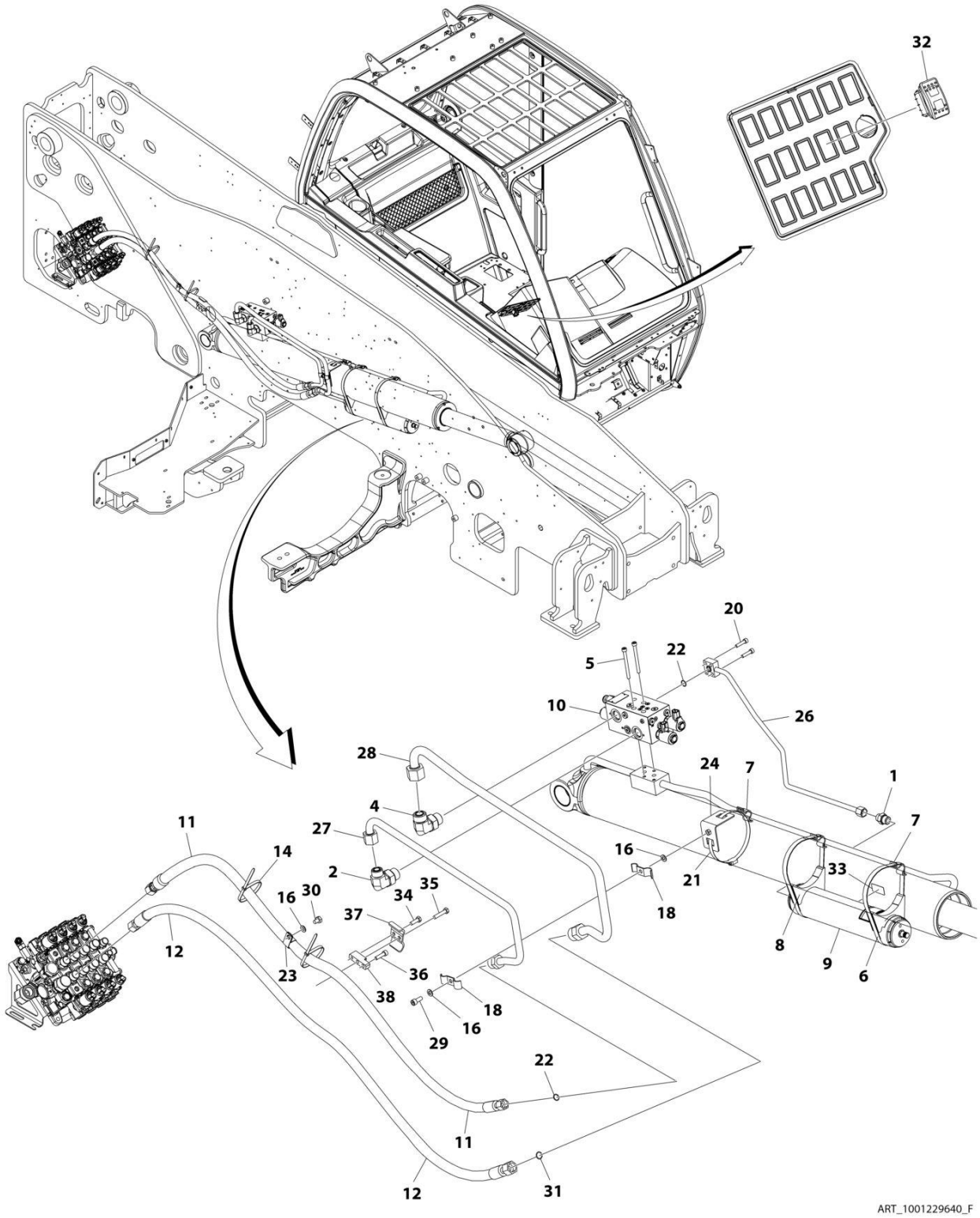


FIGURE 8-7. BOOM RAISE HOSES INSTALLATION (WITH RIDE CONTROL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229640	Ref	BOOM RAISE HOSES INSTALLATION (RIDE CONTROL)	F
1	2110810	1	Fitting, Straight ORFS	
2	2131012	1	Fitting, 90 ORFS	
4	2131212	1	Fitting, 90 ORFS	
5	5271922	4	Bolt M8 x 90	
6	1001101063	2	Clamp	
7	1001101064	AR	Clip	
8	1001208035	2	Bumper	
9	1001229562	1	Cylinder, Piston Accumulator	
10	1001263039	1	Valve, Ride Control (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
11	1001229223	1	Hose, ORFS	
12	1001203922	1	Hose, ORFS	
14	1062255	2	Strap, Tie	
16	4811900	3	Washer M8	
18	1001198331	2	Clamp, Twin	
20	5271808	4	Screw M8 x 20	
21	8405502	1	Clamp	
22	1001008922	2	Seal	
23	8406201	1	Clamp	
24	1001221665	1	Bracket	
26	1001211452	1	Pipe, ORFS	
27	1001221659	1	Pipe, ORFS	
28	1001229314	1	Pipe	
29	4031908	1	Bolt M8 x 20	
30	0760807	1	Bolt M8 x 14	
31	1001008863	1	Seal	
32	1001159745	1	Switch	
33	1001247708	1	Decal, Stored Energy	
34	0760812	1	Bolt M8 x 25	
35	0760816	1	Bolt M8 x 40	
36	4031910	1	Bolt M8 x 30	
37	1001271129	1	Bracket	
38	1001270857	1	Mount, Block	

FIGURE 8-8. BRAKE LINES INSTALLATION

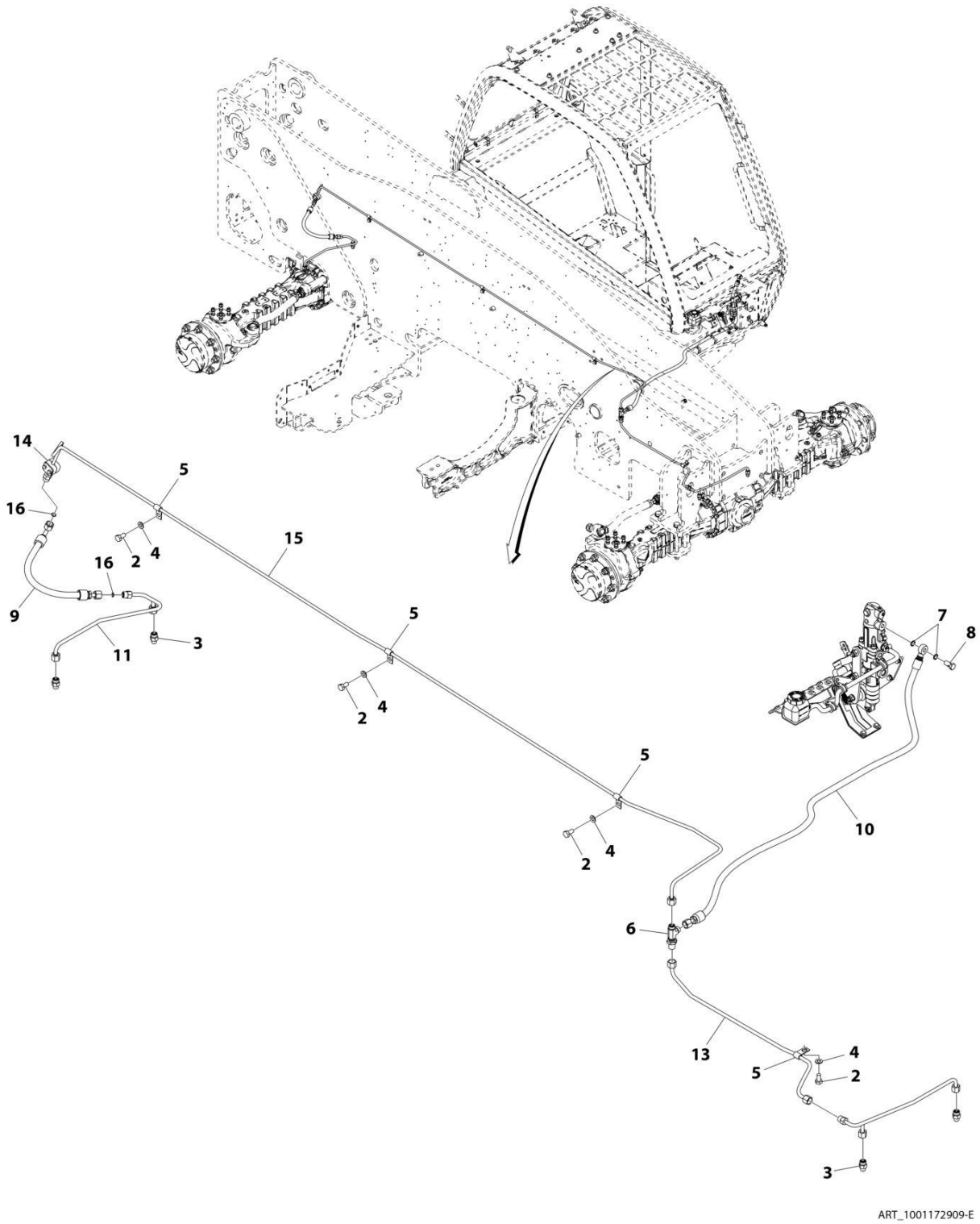


FIGURE 8-8. BRAKE LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172909	Ref	Brake Lines Installation	E
2	0761010	4	Bolt, M10X20	
3	2144605	4	Fitting, Straight ORFS	
4	4812000	4	Washer, M10	
5	1001008773	4	Clip	
6	88662434	1	Fitting, Tee ORFS	
7	1001105639	2	Washer	
8	1001105643	1	Bolt	
9	1001181008	1	Hose, Rear Brake	
10	1001221952	1	Hose, ORFS	
11	1001181016	1	Pipe, ORFS	
13	1001181019	1	Pipe, ORFS	
14	1001181170	1	Clamp	
15	1001221953	1	Pipe, ORFS	
16	1001008804	2	Seal	

FIGURE 8-9. BRAKE INSTALLATION – TRAILER

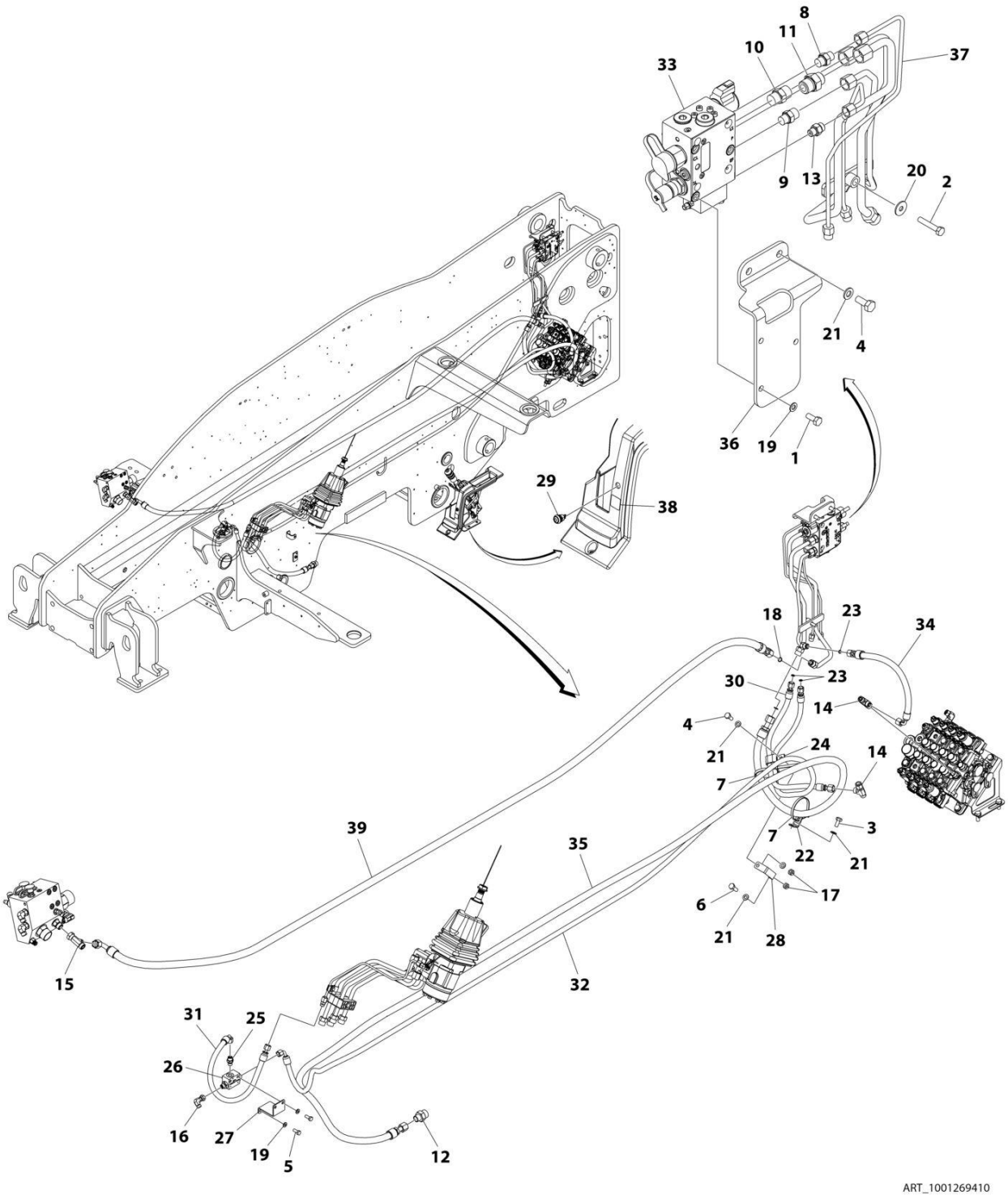


FIGURE 8-9. BRAKE INSTALLATION – TRAILER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001269410	Ref	TRAILER BRAKE INSTALLATION	C
1	0700810	3	Bolt M8 x 20	
2	0700817	1	Bolt M8 x 45	
3	0701011	1	Bolt M10 x 22	
4	0701012	3	Bolt M10 x 25	
5	0760810	4	Bolt M8 x 20	
6	0761014	1	Bolt M10 x 30	
7	1062255	2	Strap, Tie	
8	2110406	1	Fitting, Straight ORFS/ORB	
9	2110606	1	Fitting, Straight ORFS/ORB	
10	2110808	1	Fitting, Straight ORFS/ORB	
11	2110810	1	Fitting, Straight ORFS/ORB	
12	2110812	1	Fitting, Straight ORFS/ORB	
13	2144602	1	Fitting, Straight ORFS/ORB	
14	2170706	2	Fitting, Tee ORFS	
15	2170708	1	Fitting, Tee ORFS	
16	2172104	1	Fitting, 90 ORFS	
17	3291001	2	Nut M10 x 1.5, Grade 8	
18	3790013	2	O-Ring	
19	4811900	7	Washer M8	
20	4811902	1	Washer M8	
21	4812000	6	Washer M10	
22	1001003305	1	Clip	
23	1001008586	3	O-Ring	
24	1001008626	1	Clip	
25	1001120501	1	Fitting, Straight ORFS/BSPP	
26	1001151257	1	Valve, Dynamic Select	
27	1001184517	1	Bracket	
28	1001184518	1	Bracket	
29	1001200633	1	Switch, Trailer Brake	
30	1001269720	1	Hose	
31	1001269721	1	Hose	
32	1001269722	1	Hose	
33	1001230194	1	Valve, Trailer Brake (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
34	1001269723	1	Hose	
35	1001269724	1	Hose	
36	1001293727	1	Bracket	
37	1001232651	1	Pipe	
38	1001235451	1	Decal - Trailer Brake	
39	1001204731	1	Hose, ORFS	

FIGURE 8-10. BRAKE ACCUMULATOR LINES INSTALLATION (WITHOUT SAHR)

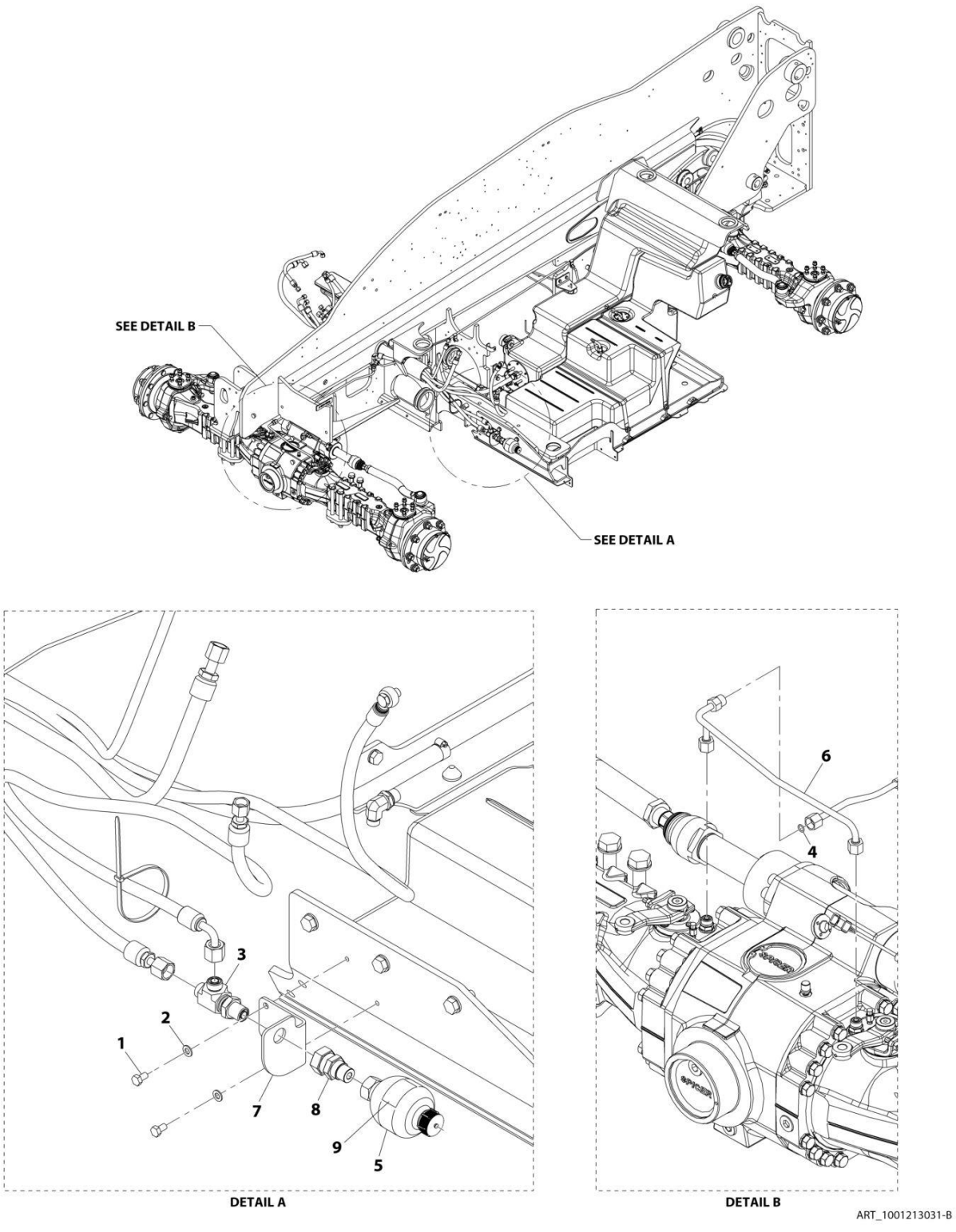


FIGURE 8-10. BRAKE ACCUMULATOR LINES INSTALLATION (WITHOUT SAHR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213031	Ref	Brake Accumulator	C
1	0760807	2	Bolt, M8X14	
2	4811900	2	Washer, M8	
3	8770167	1	Fitting, Tee ORFS	
4	1001008804	1	Seal	
5	1001173418	1	Brake, Damper	
5	1001310831	1	Brake, Damper	
6	1001181017	1	Pipe, ORFS	
7	1001207522	1	Bracket, Accumulator	
8	1001207523	1	Fitting, Straight ORFS	
9	1001237054	1	Decal, Stored Energy	

FIGURE 8-11. COUPLER (HYDRAULIC) LINES INSTALLATION (FRONT BOOM - TWIN)

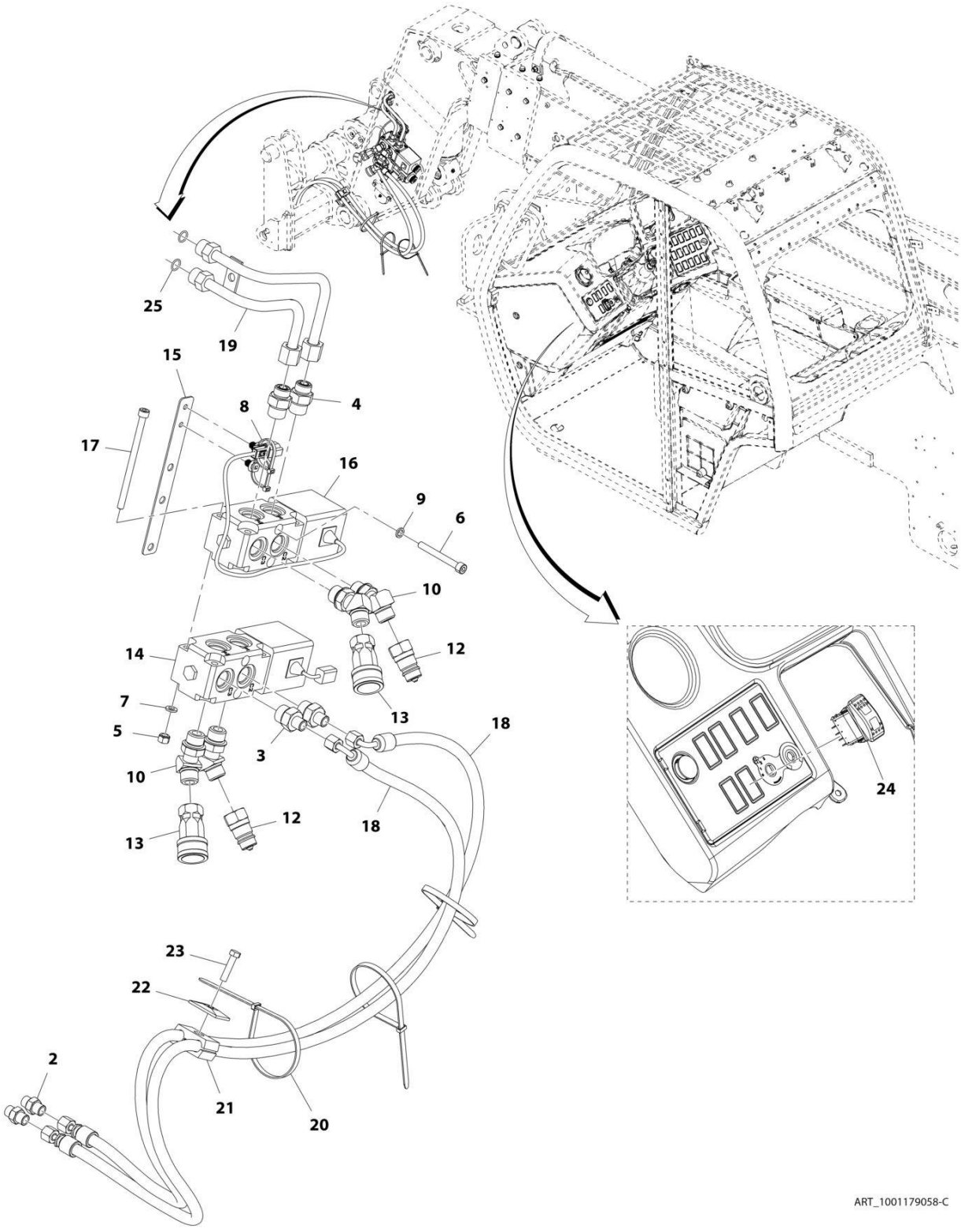


FIGURE 8-11. COUPLER (HYDRAULIC) LINES INSTALLATION (FRONT BOOM - TWIN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179058	Ref	Hydraulic Coupler Lines Installation (Front Boom - Twin)	C
2	2110406	2	Fitting, Straight ORFS	
3	2110410	2	Fitting, Straight ORFS	
4	2110810	2	Fitting, Straight ORFS	
5	3290805	4	Nut, Lock M8X1.25 Grade 8	
6	4031918	2	Bolt, M8X70	
7	4831900	4	Washer, Lock M8	
8	1001146588	2	Strap, Fir Tree Cable Tie	
9	1001005262	2	Washer	
10	1001005904	4	Elbow	
12	1001101041	2	Coupling, Male Quick Disconnect	
13	1001101042	2	Coupling, Female Quick Disconnect	
14	1001104477	1	Valve, Divertor (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
15	1001108918	1	Plate	
16	1001110023	1	Valve, Divertor (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
17	1001110115	4	Bolt, M8X100	
18	1001200218	2	Hose, ORFS	
19	1001181161	1	Tube	
20	1062255	3	Strap, Tie	
21	8769124	1	Clamp	
22	77133140	1	Plate, Cover	
23	77133177	1	Bolt, M5/16X1-3/8	
24	1001080375	1	Switch, Quick Switch	
25	1001008805	2	Seal	

FIGURE 8-12. COUPLER (HYDRAULIC) LINES INSTALLATION (FRONT BOOM - SINGLE)

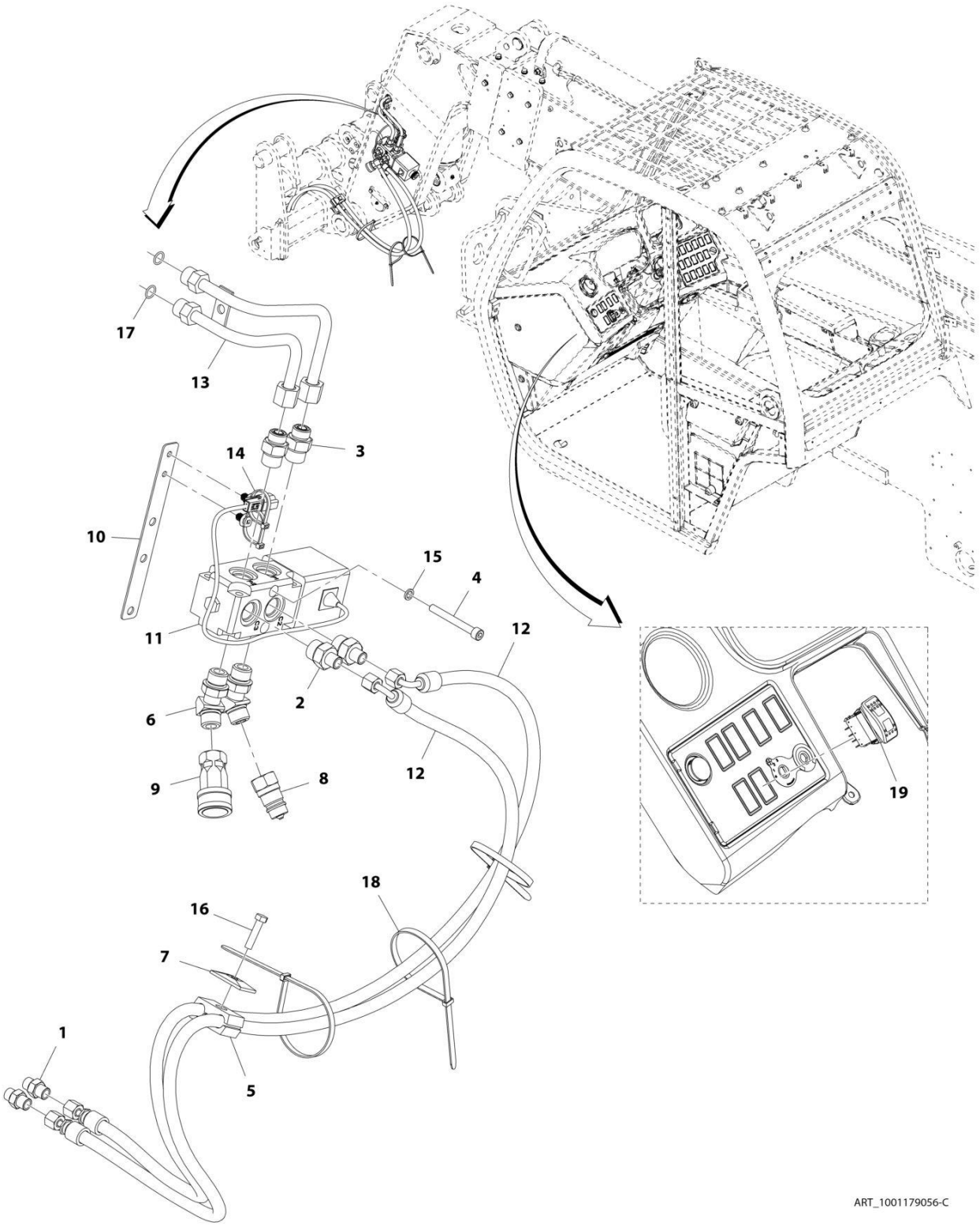


FIGURE 8-12. COUPLER (HYDRAULIC) LINES INSTALLATION (FRONT BOOM - SINGLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179056	Ref	Hydraulic Coupler Lines Installation (Front Boom - Single)	C
1	2110406	2	Fitting, Straight ORFS	
2	2110410	2	Fitting, Straight ORFS	
3	2110810	2	Fitting, Straight ORFS	
4	4031918	2	Bolt, M8X70	
5	8769124	1	Clamp	
6	1001005904	2	Elbow	
7	77133140	1	Plate, Cover	
8	1001101041	1	Coupling, Male Quick Disconnect	
9	1001101042	1	Coupling, Female Quick Disconnect	
10	1001108918	1	Plate	
11	1001110023	1	Valve, Divertor (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
12	1001200218	2	Hose, ORFS	
13	1001181161	1	Tube	
14	1001146588	2	Strap, Fir Tree Cable Tie	
15	1001005262	2	Washer	
16	77133177	1	Bolt, M5/16X1-3/8	
17	1001008805	2	Seal	
18	1062255	3	Strap, Tie	
19	1001080375	1	Switch, Quick Switch	

FIGURE 8-13. COUPLER (MANUAL) LINES INSTALLATION (FRONT BOOM - TWIN)

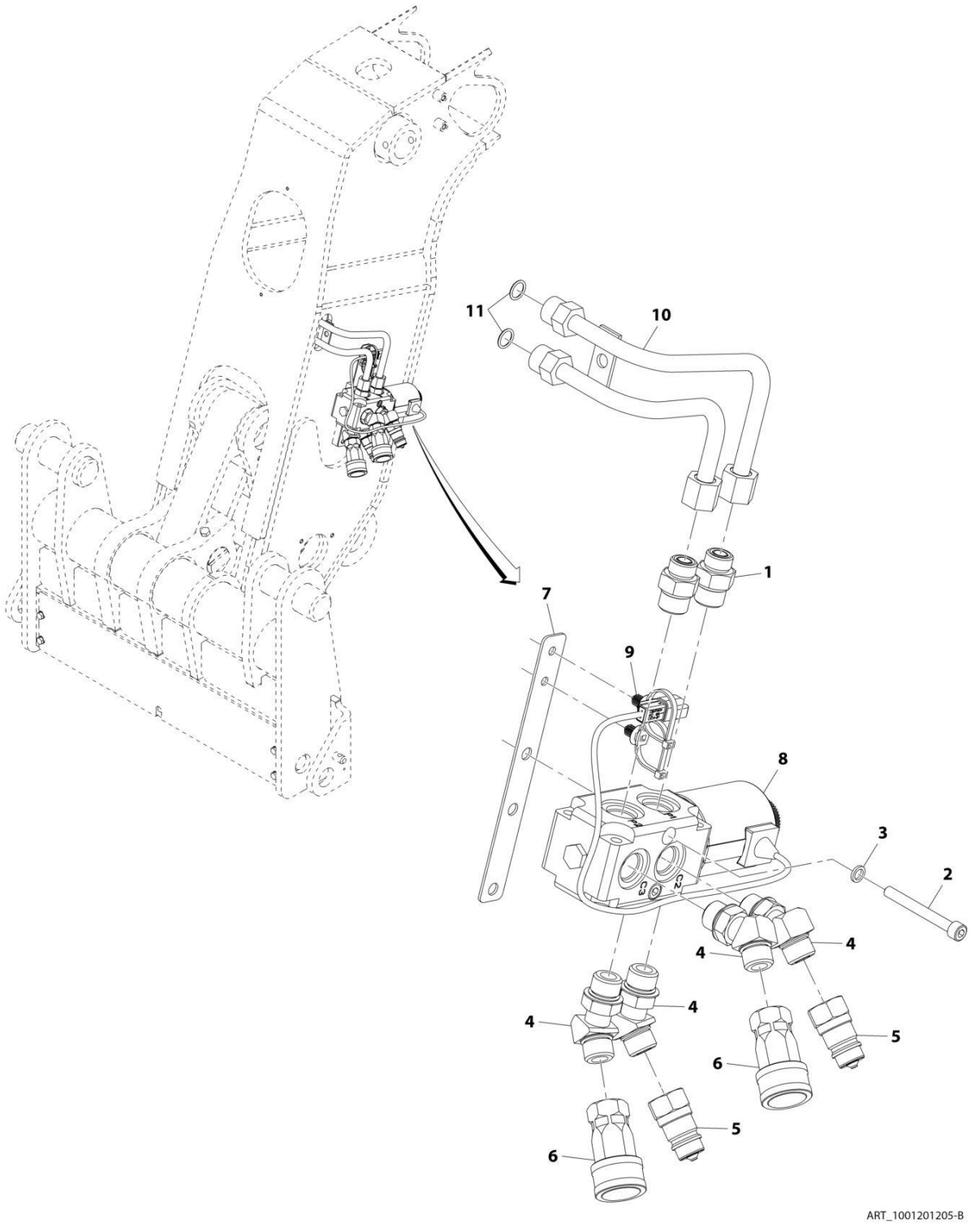


FIGURE 8-13. COUPLER (MANUAL) LINES INSTALLATION (FRONT BOOM - TWIN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201205	Ref	Manual Coupler Lines Installation (Front Boom - Twin)	B
1	2110810	2	Fitting, Straight ORFS	
2	4031918	2	Bolt, M8X70	
3	1001005262	2	Washer	
4	1001005904	4	Fitting, 45	
5	1001101041	2	Adapter, Male Quick Disconnect	
6	1001101042	2	Adapter, Female Quick Disconnect	
7	1001108918	1	Plate	
8	1001110023	1	Valve, Divertor (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
9	1001146588	2	Strap, Cable	
10	1001181161	1	Tube	
11	1001008805	2	Seal	

FIGURE 8-14. COUPLER (MANUAL) LINES INSTALLATION (FRONT BOOM - SINGLE)

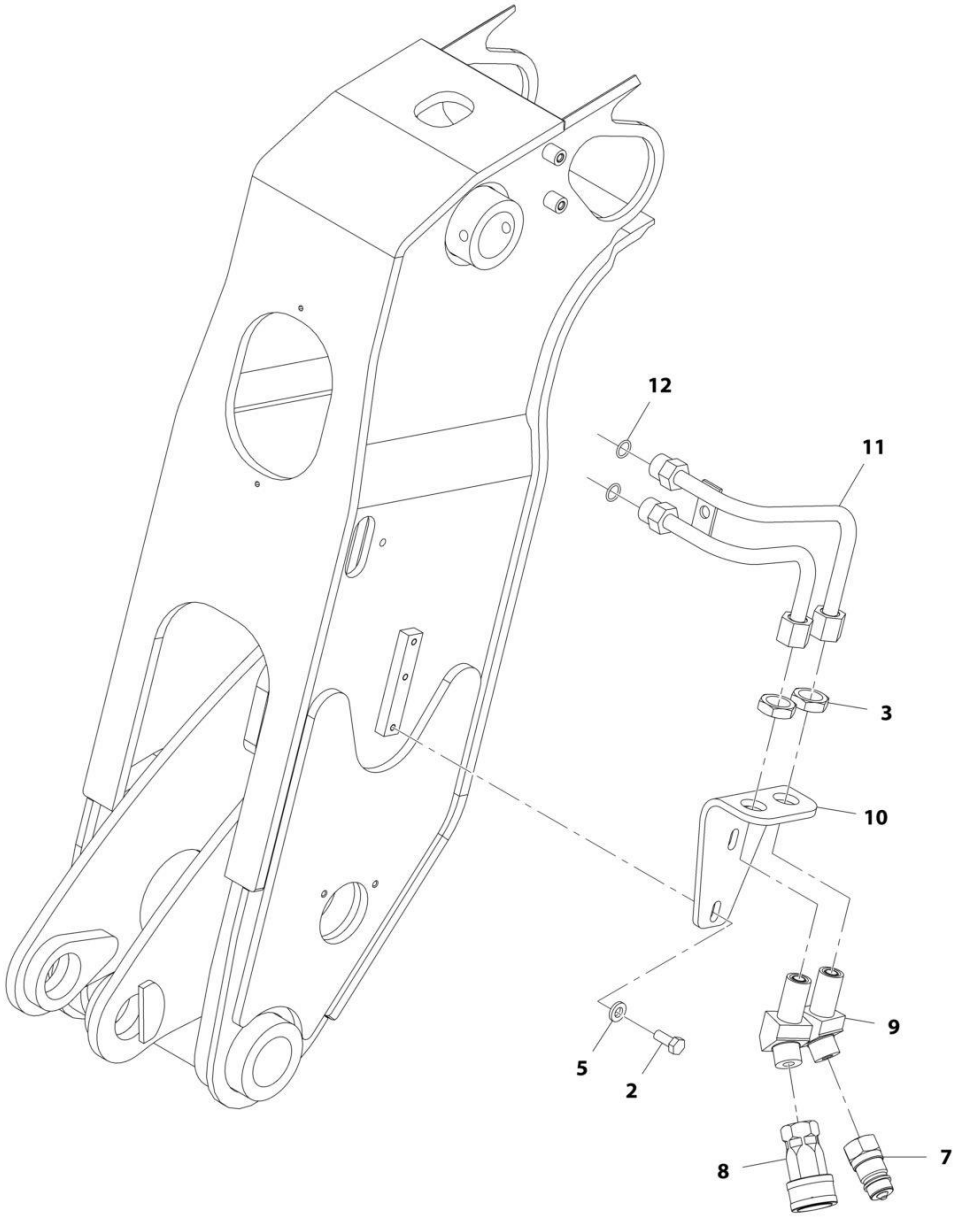


FIGURE 8-14. COUPLER (MANUAL) LINES INSTALLATION (FRONT BOOM - SINGLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179054	Ref	Manual Coupler Lines Installation (Front Boom - Single)	C
2	0760810	2	Bolt, M8X20	
3	2172208	2	Nut	
5	5240800	2	Washer, M8	
7	1001101041	1	Adapter, Male Quick Disconnect	
8	1001101042	1	Adapter, Female Quick Disconnect	
9	1001103640	2	Adapter, 45 ORFS	
10	1001202177	1	Plate	
11	1001181161	1	Tube	
12	1001008805	2	Seal	

FIGURE 8-15. LIFT CYLINDER INSTALLATION

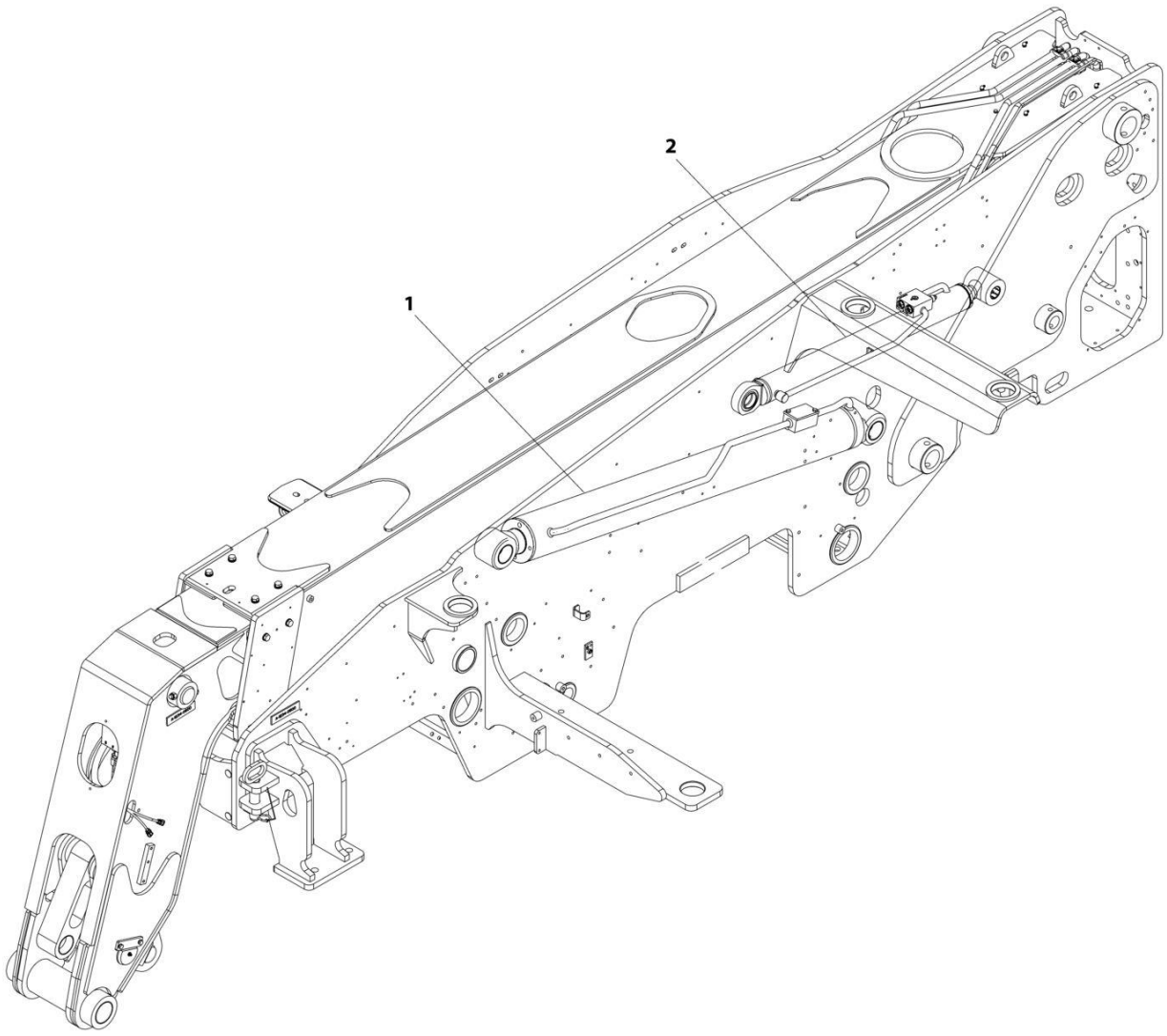


FIGURE 8-15. LIFT CYLINDER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001277383	Ref	LIFT CYLINDER INSTALLATION	A
1	1001267963	1	Cylinder, Lift (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
2	1001274913	1	Compensation Cylinder (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

FIGURE 8-16. MAIN CONTROL VALVE INSTALLATION

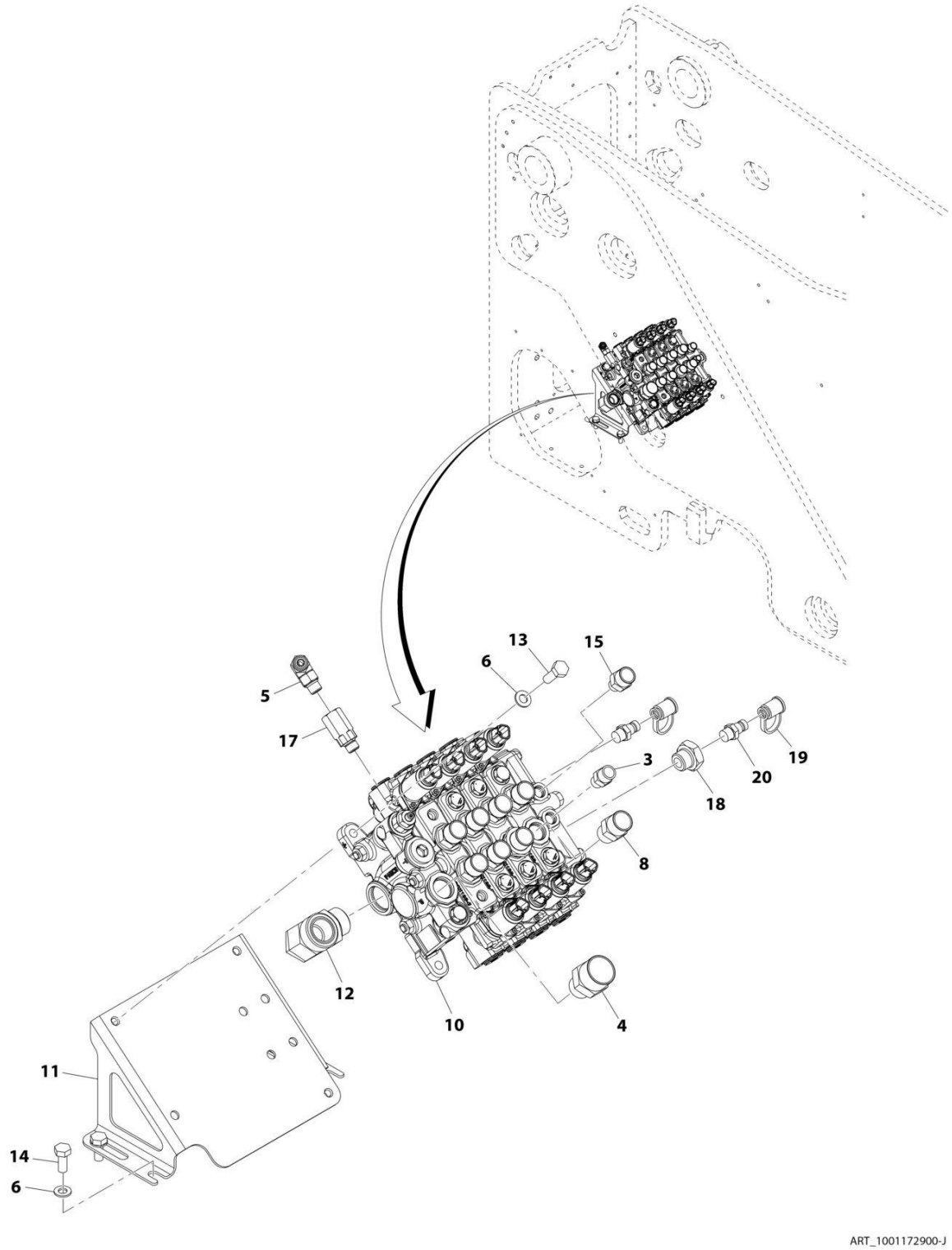
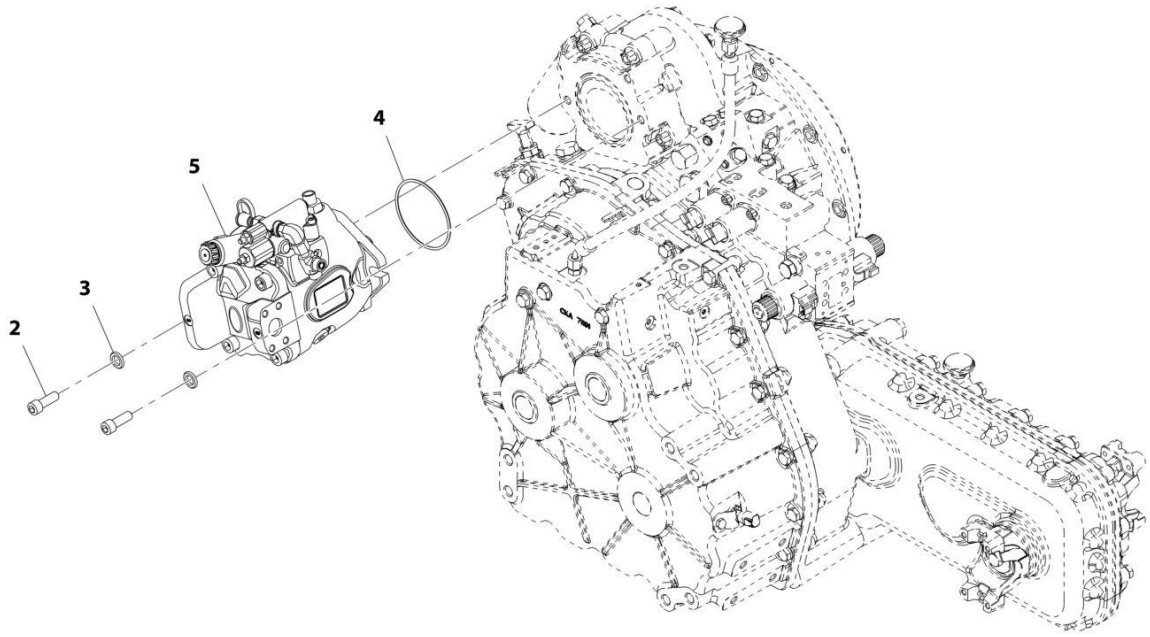


FIGURE 8-16. MAIN CONTROL VALVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172900	Ref	Main Control Valve Installation	J
3	2110606	1	Fitting, Straight ORFS	
4	2111612	1	Fitting, Straight ORFS	
5	2130606	1	Fitting, 90 ORFS	
6	4812000	7	Washer, M10	
8	2111010	8	Fitting, Straight ORFS	
10	1001241883	1	Valve, Main Control (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
11	1001182231	1	Bracket	
12	2132016	1	Fitting, 90 ORFS	
13	0701014	3	Bolt, M10X30	
14	0701012	4	Bolt, M10X25	
15	2110806	1	Fitting, Straight ORFS	
17	1001187355	1	Valve, Check	
18	2220221	1	Fitting, Reducer	
19	1001008761	2	Cap	
20	1001003590	2	Fitting, Straight	

FIGURE 8-17. MAIN HYDRAULIC PUMP INSTALLATION



ART_1001177863-B

FIGURE 8-17. MAIN HYDRAULIC PUMP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177863	Ref	Main Hydraulic Pump Installation	C
2	0761215	1	Bolt M12X35	
3	4740532	2	Washer M12	
4	1001008450	1	O-Ring	
5	1001183983	Ref	Implement Pump Installation (See Separate Breakdown in this Section)	

FIGURE 8-18. IMPLEMENT PUMP INSTALLATION

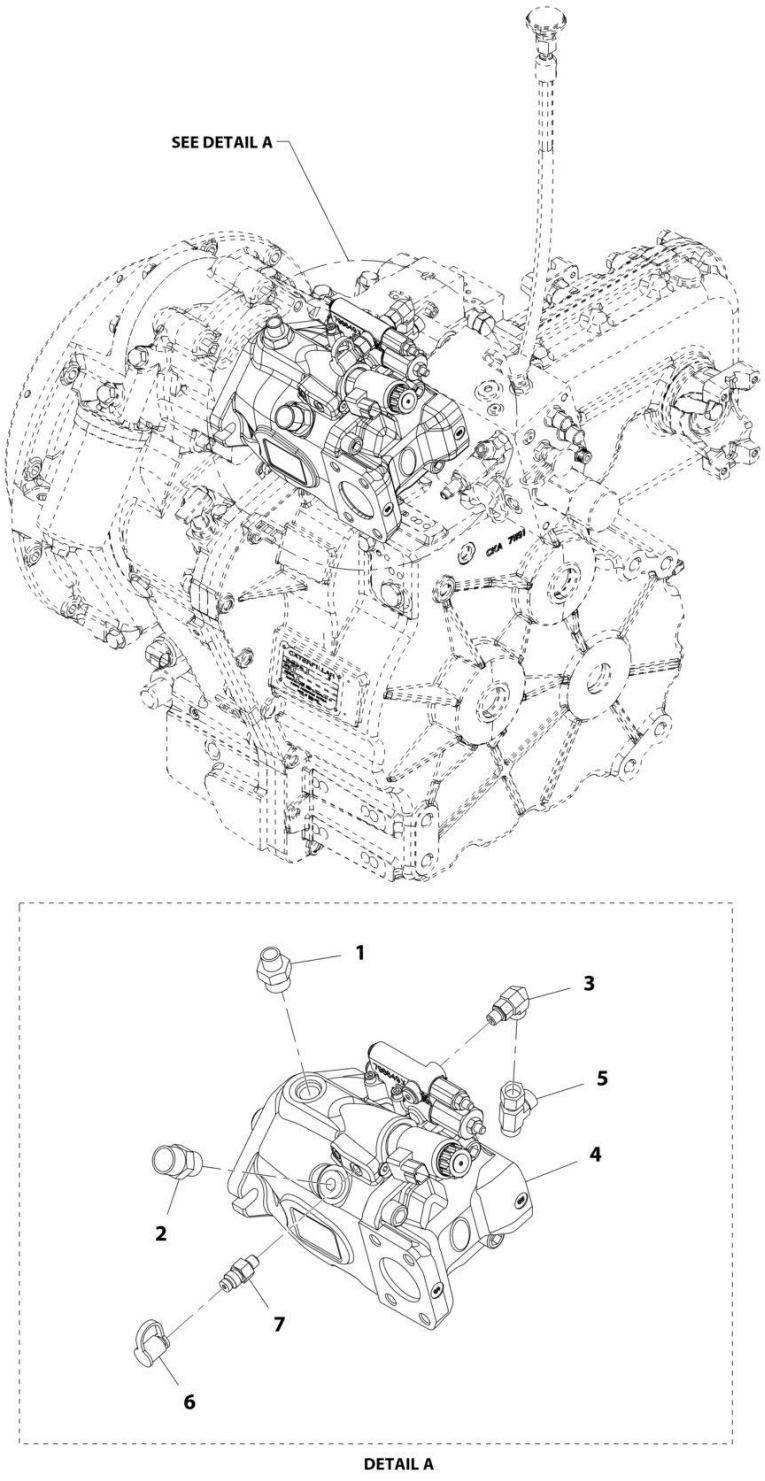


FIGURE 8-18. IMPLEMENT PUMP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183983	Ref	Implement Pump Installation	B
1	2110610	1	Fitting, Straight ORFS	
2	2111010	1	Fitting, Straight ORFS	
3	2130604	1	Fitting, 90 ORFS	
4	1001200815	1	Pump, Implement (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
5	2170706	1	Fitting, Tee ORFS	
6	8430032	1	Plug	
7	8430033	1	Adapter	

FIGURE 8-19. PRIORITY LINES INSTALLATION

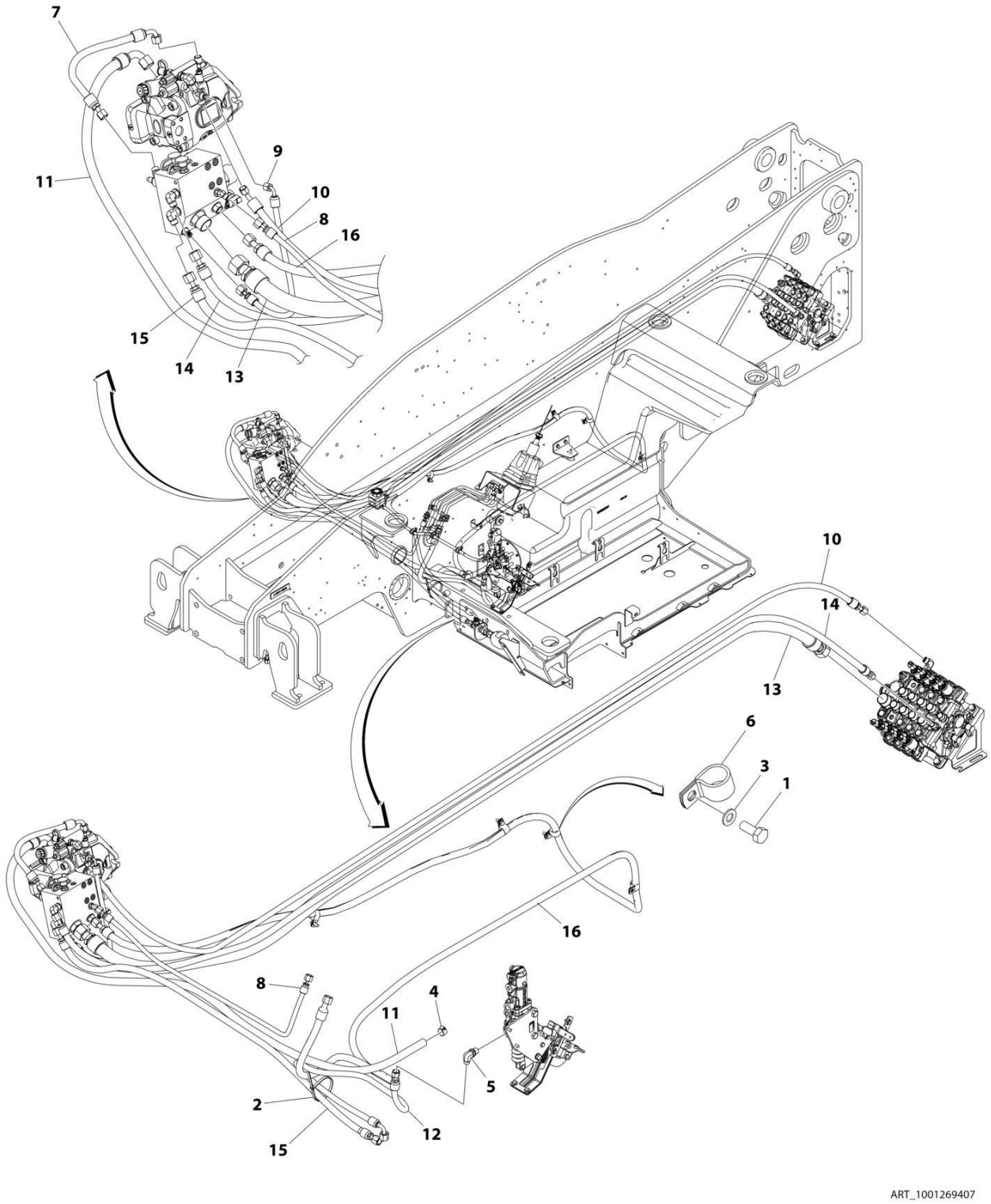


FIGURE 8-19. PRIORITY LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001269407	Ref	PRIORITY LINES INSTALLATION	B
1	0760810	3	Bolt M8 x 20	
2	1062255	1	Tie-strap	
3	4811900	3	Washer M8	
4	8405006	1	Clamp	
5	80333151	1	Fitting, 90 ORFS	
6	8406202	4	Clip	
7	1001180850	1	Hose	
8	1001180855	1	Hose	
9	1001221027	1	Hose, ORFS	
10	1001196002	1	Hose, ORFS	
11	1001196723	1	Hose, ORFS	
12	1001207525	1	Hose, ORFS	
13	1001221020	1	Hose, ORFS	
14	1001261091	1	Hose, ORFS	
15	1001261092	1	Hose, ORFS	
16	1001269411	1	Hose	

FIGURE 8-20. PRIORITY VALVE INSTALLATION

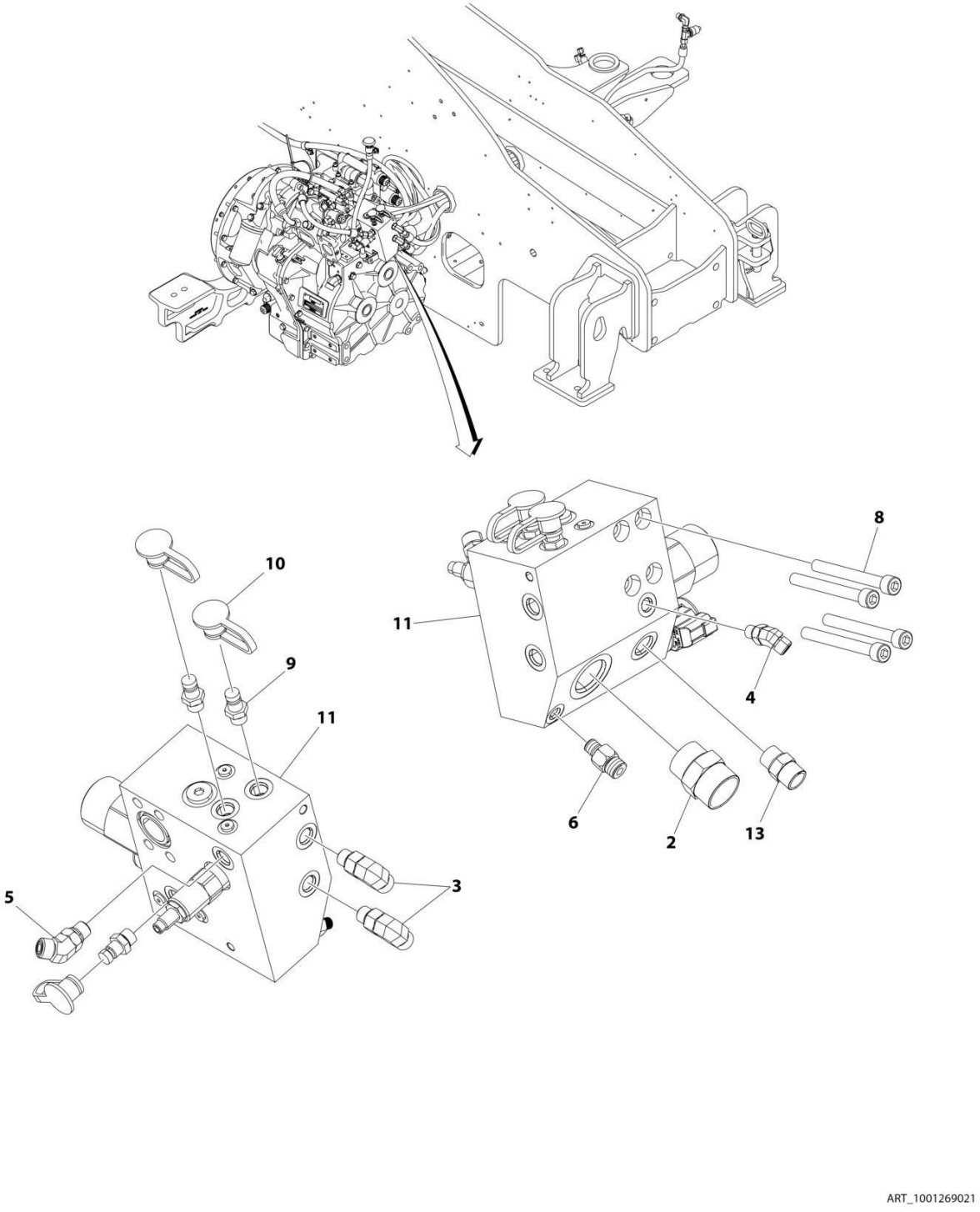
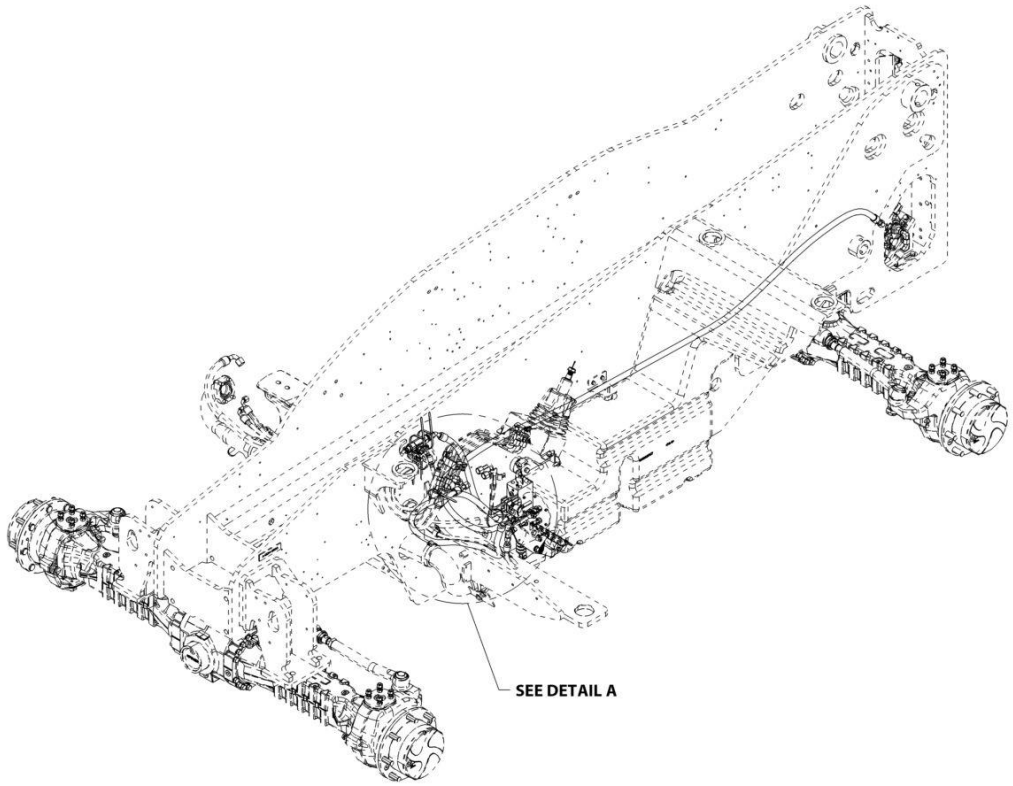
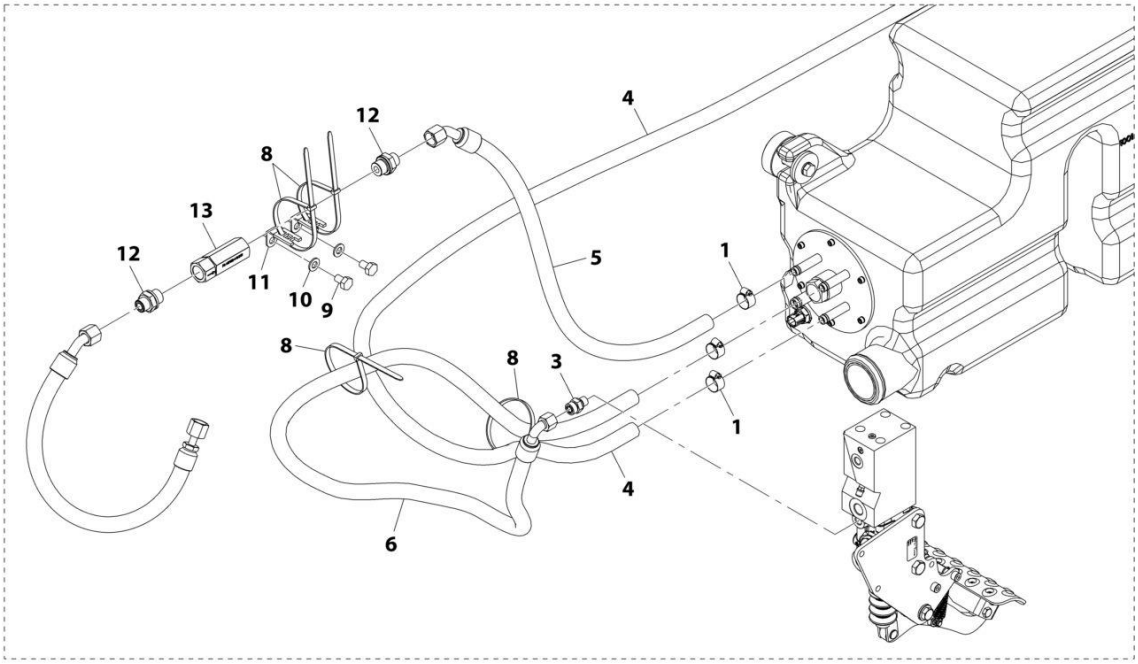


FIGURE 8-20. PRIORITY VALVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001269021	Ref	PRIORITY VALVE INSTALLATION	B
2	2111616	1	Fitting, Straight ORFS	
3	2130606	2	Fitting, 90 ORFS	
4	2150404	1	Fitting, 45 ORFS	
5	2150606	1	Fitting, 45 ORFS	
6	4641237	1	Valve, Check	
8	5272022	4	Screw M10 x 90	
9	1001003590	3	Fitting, Straight	
10	1001008761	3	Cap	
11	1001220639	1	Manifold, Priority Flow (See Separate Breakdown in Hydraulic Components Section)	
13	1001265815	1	Valve, Moms Check	

FIGURE 8-21. RETURN LINES INSTALLATION





DETAIL A

ART_1001185351-D

FIGURE 8-21. RETURN LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185351	Ref	Return Lines Installation	D
1	8410009	3	Clamp, Gear	
3	80233218	1	Adapter, Straight ORFS	
4	1001196787	NLA	Hose, ORFS (no longer available, use 1001224143 for replacement)	
4	1001224143	1	Hose, ORFS	
5	1001201943	NLA	Hose, ORFS (no longer available, use 1001224144 for replacement)	
5	1001224144	1	Hose, ORFS	
6	1001196661	1	Hose, ORFS	
8	1062255	4	Strap, Tie	
9	0761008	2	Bolt, M10X16	
10	4812000	2	Washer, M10	
11	1001003305	2	Clip	
12	1001121127	2	Adapter, Straight ORFS	
13	1001224447	NLA	Check Valve (no longer available, use 1001227974 for replacement)	
13	1001227974	1	Check Valve	

FIGURE 8-22. STEERING LINES INSTALLATION

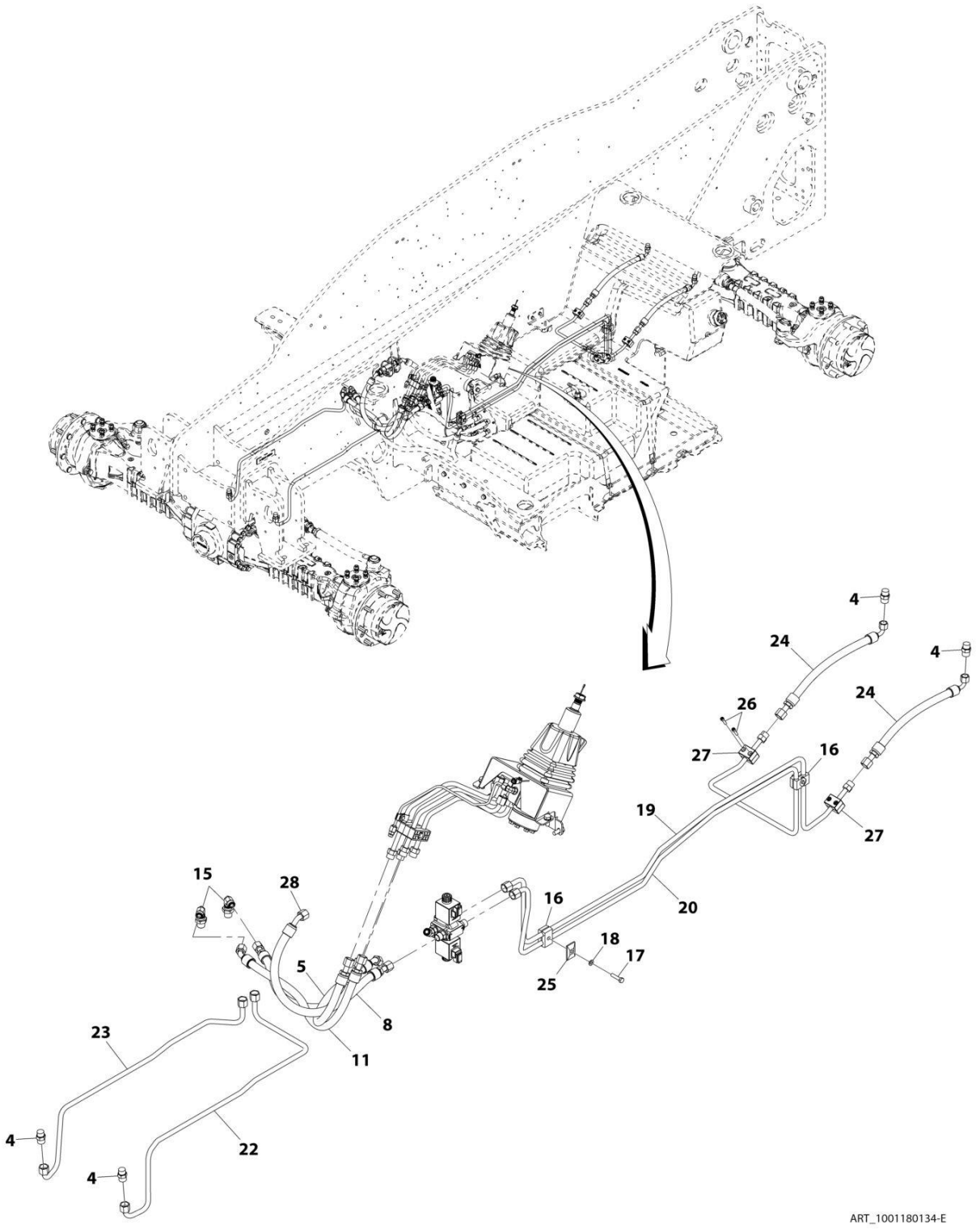
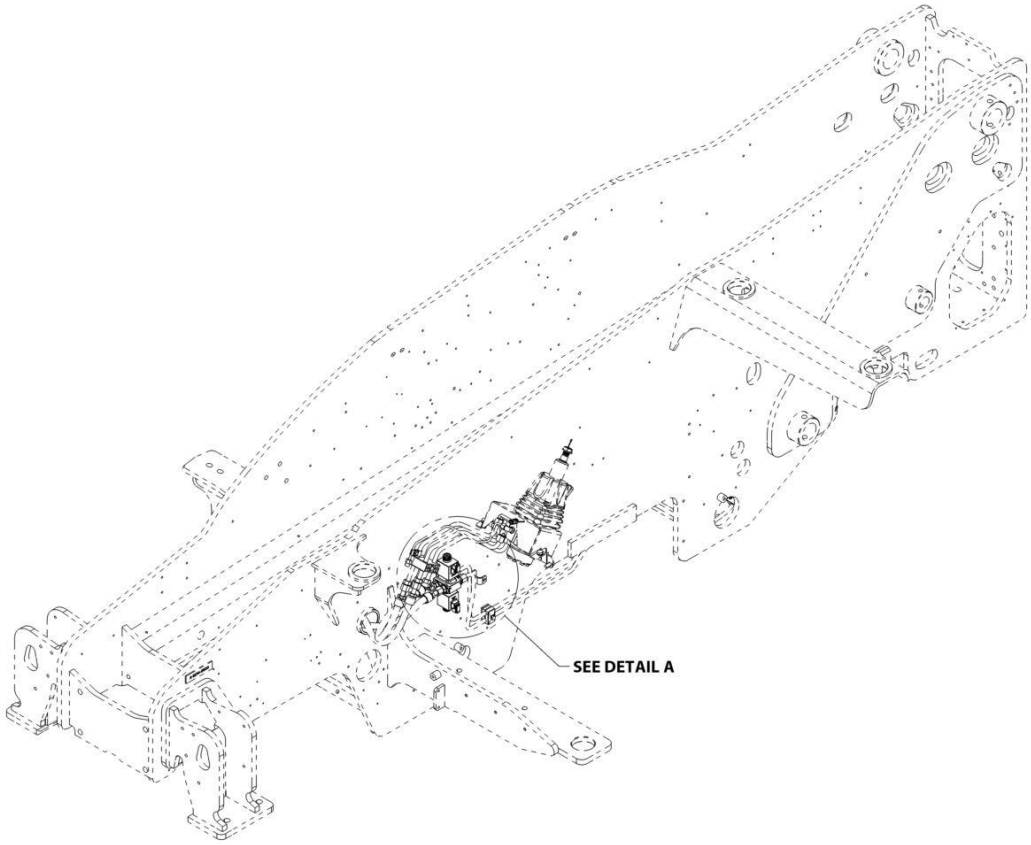
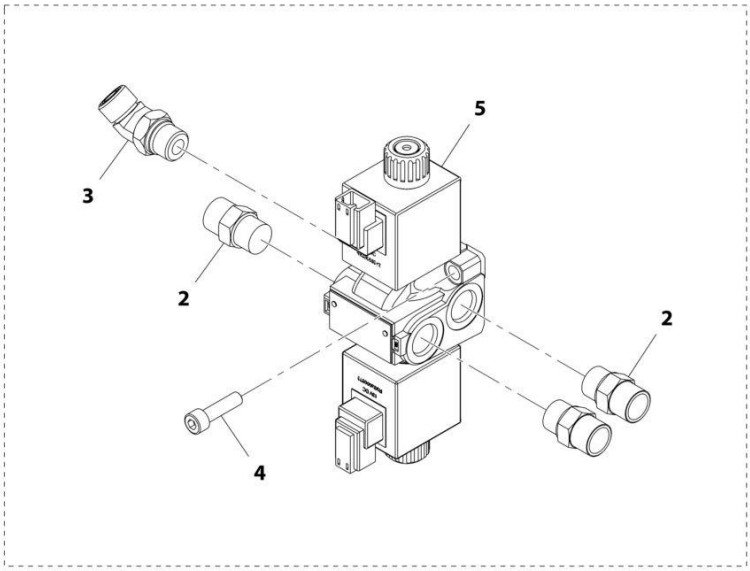


FIGURE 8-22. STEERING LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180134	Ref	Steering Lines Installation	E
4	2110808	4	Fitting, Straight ORFS	
5	1001180810	1	Hose, Steering	
8	1001180809	1	Hose, Steering	
11	1001180811	1	Hose, Steering	
15	2171208	2	Adapter, ORFS	
16	77133168	2	Clamp	
17	0700815	2	Bolt, M8X35	
18	4811900	2	Washer, M8	
19	1001195741	1	Pipe, ORFS	
20	1001195742	1	Pipe, ORFS	
22	1001193515	1	Pipe, ORFS	
23	1001193514	NLA	Pipe, ORFS (no longer available, use 1001225423 for replacement)	
23	1001225423	1	Pipe, ORFS	
24	1001193513	2	Hose, ORFS	
25	77133140	2	Plate, Cover	
26	4031709	4	Bolt, M6X25	
27	1001104934	2	Clamp	
28	1001224476	1	Hose Assy, ORFS	

FIGURE 8-23. STEER SELECT VALVE INSTALLATION





DETAIL A

ART_1001172894-B

FIGURE 8-23. STEER SELECT VALVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172894	Ref	Steer Select Valve Installation	B
2	2110808	3	Fitting, Straight ORFS	
3	2150808	1	Fitting, 45 ORFS	
4	4031910	2	Screw, M8X30	
5	1001153748	1	Valve, Steering Select (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

FIGURE 8-24. SUCTION LINES INSTALLATION

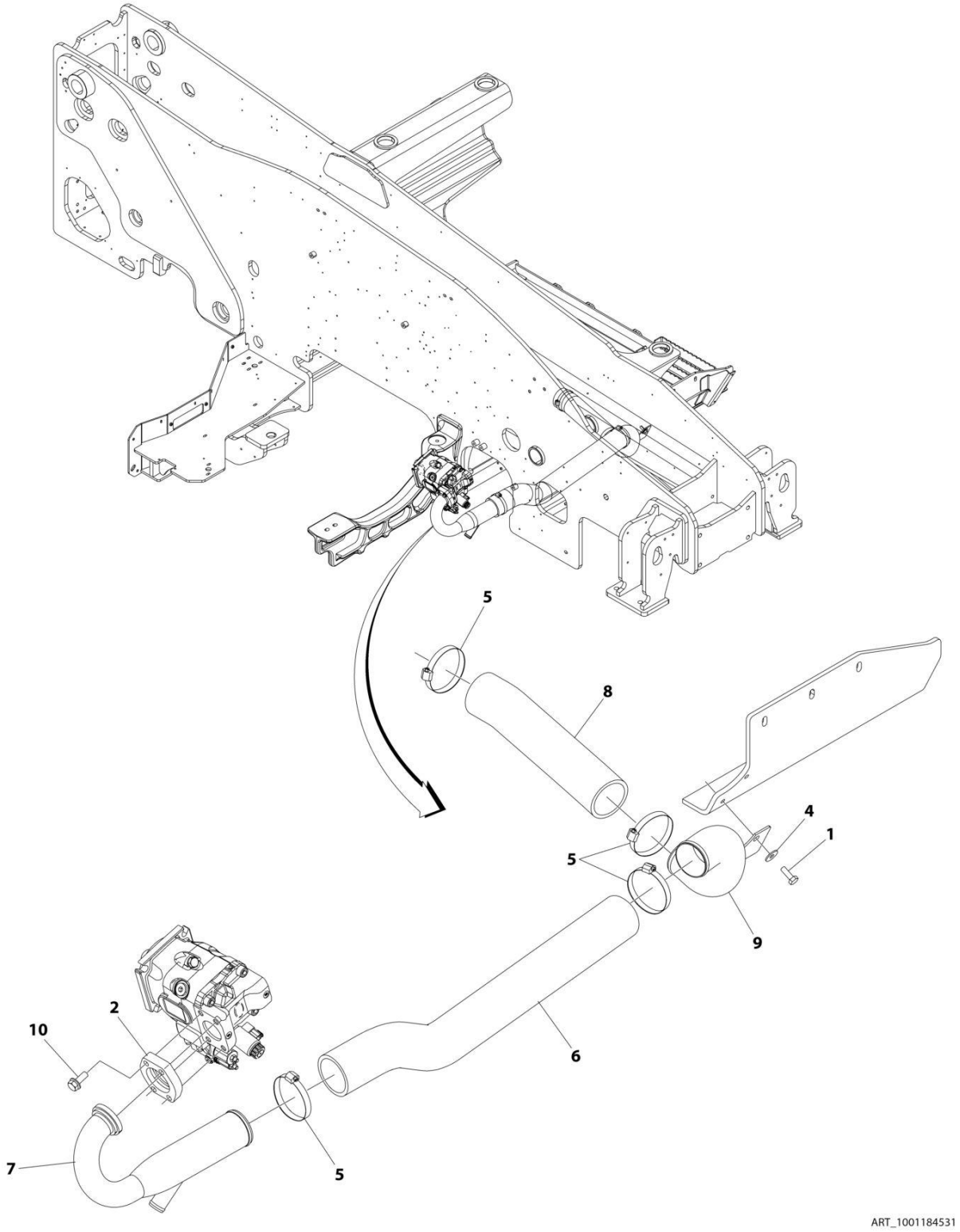


FIGURE 8-24. SUCTION LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184531	Ref	SUCTION LINES INSTALLATION	F
1	0761014	2	Bolt M10 x 30	
2	2171832	1	Fitting, Straight	
4	4812002	2	Washer M10	
5	8405301	4	Clamp	
6	1001176313	1	Hose	
7	1001202135	1	Pipe	
8	1001193421	1	Hose	
9	1001184530	1	Pipe	
10	5201215	4	Bolt M12 x 35	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-1. CYLINDER ASSEMBLY - COMPENSATION

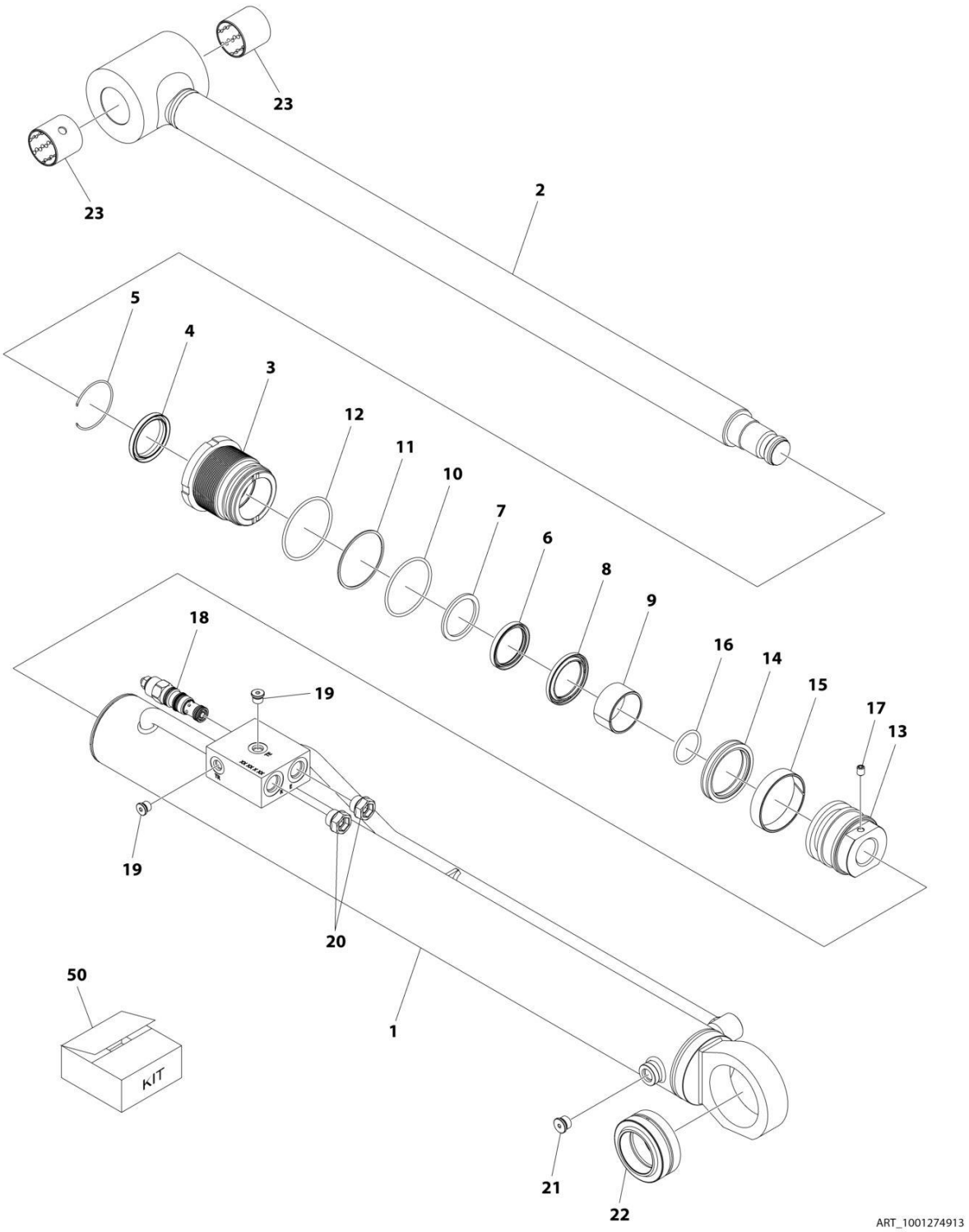
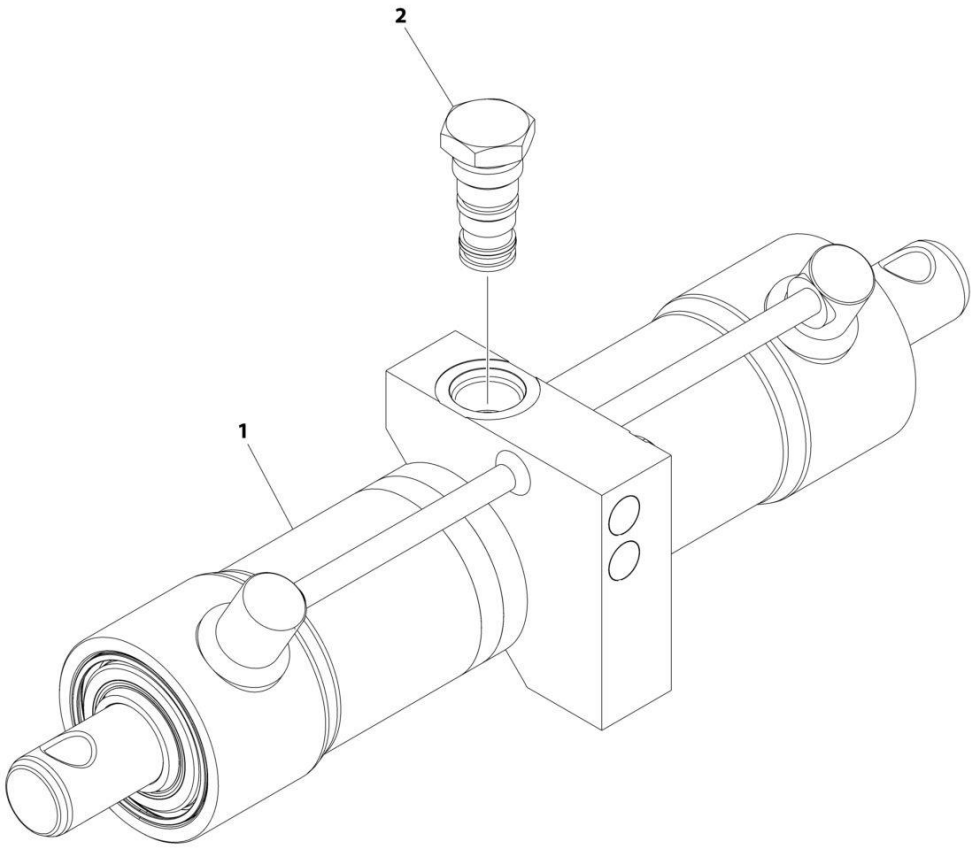


FIGURE 9-1. CYLINDER ASSEMBLY - COMPENSATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274913	Ref	CYLINDER ASSEMBLY - COMPENSATION	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Use PN 1001274913)	
2	70030953	1	Rod	
3	70030954	1	Head	
4	See Note	NSS	Wiper (Note: Use Item 50)	
5	70002410	1	Ring, Retaining	
6	See Note	NSS	Seal (Note: Use Item 50)	
7	See Note	NSS	Ring, Back-up (Note: Use Item 50)	
8	See Note	NSS	Ring (Note: Use Item 50)	
9	70005793	1	Bearing, Dry	
10	See Note	NSS	O-Ring (Note: Use Item 50)	
11	See Note	NSS	Ring, Back-up (Note: Use Item 50)	
12	See Note	NSS	O-Ring (Note: Use Item 50)	
13	70030955	1	Piston	
14	See Note	NSS	Seal (Note: Use Item 50)	
15	See Note	NSS	Ring, Wear (Note: Use Item 50)	
16	See Note	NSS	O-Ring (Note: Use Item 50)	
17	70023369	1	Set Screw	
18	70028384	1	Cartridge, Valve	
19	70023370	2	Plug	
20	See Note	Ref	Dust Plug (Note: Shipping Use Only)	
21	70023371	1	Plug	
22	70030956	1	Bearing	
23	70030957	2	Bearing	
50	70030958	1	Seal Kit - 1001274913 Cylinder (Includes Items 4, 6-8, 10-12 & 14-16)	

FIGURE 9-2. CYLINDER SUB-ASSEMBLY - COUPLER LOCKING



ART_1001114787_C

FIGURE 9-2. CYLINDER SUB-ASSEMBLY - COUPLER LOCKING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001114787	Ref	COUPLER LOCKING CYLINDER ASSEMBLY	C
1	1001267977	1	Cylinder, Coupler Locking (See Separate Breakdown in this Section)	
2	1001145444	1	Valve, P.O. Check	

FIGURE 9-3. CYLINDER ASSEMBLY - COUPLER LOCKING

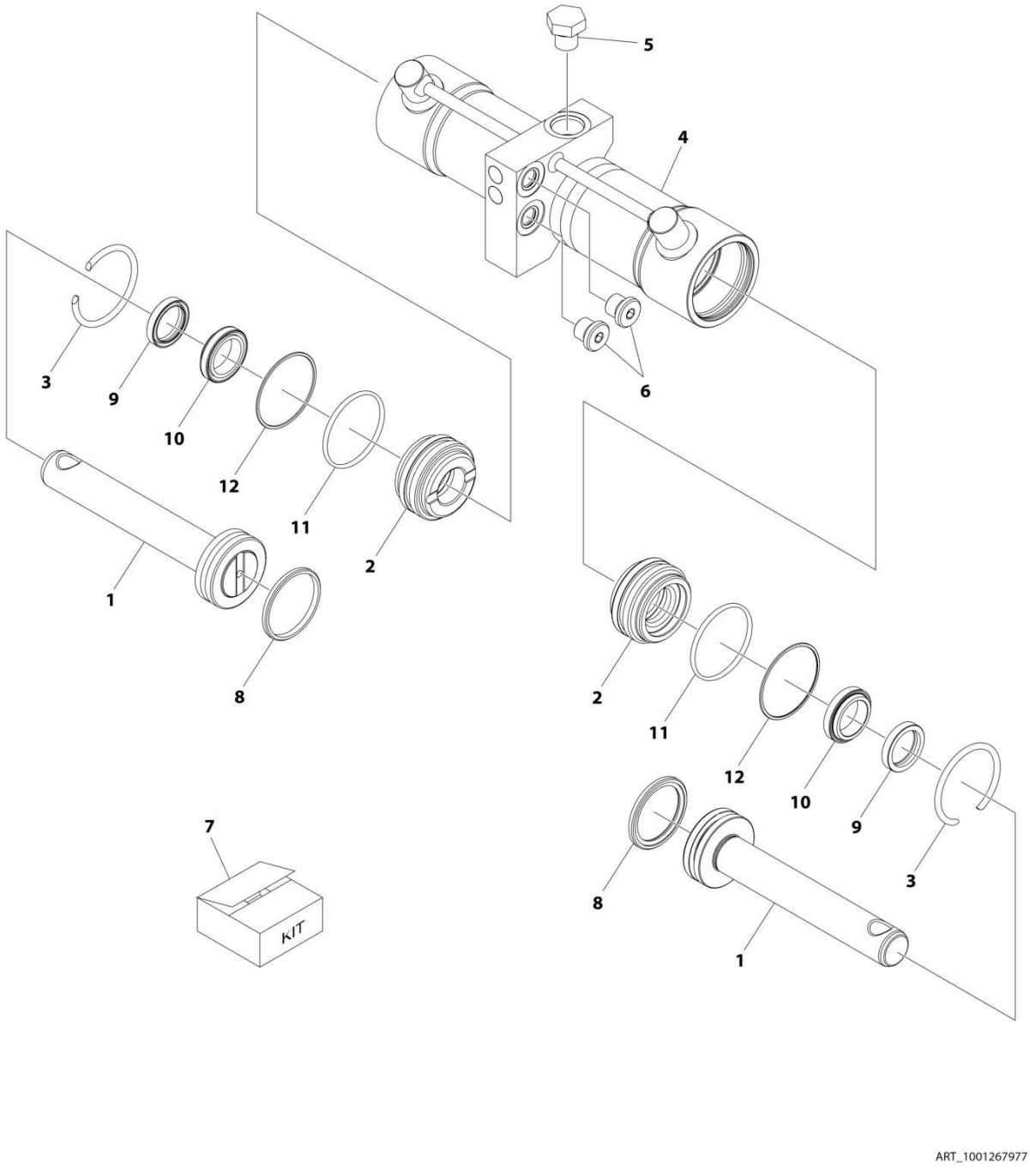


FIGURE 9-3. CYLINDER ASSEMBLY - COUPLER LOCKING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267977	Ref	COUPLER LOCKING CYLINDER	B
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70031293	2	Rod	
2	70031294	2	Bushing	
3	70031295	2	Ring, Snap	
4	See Note	NSS	Barrel (Note: Not Sold Separately, Purchase 1001267977)	
5	70031296	1	Plug	
6	2220885	2	Plug	
7	70031297	1	Seal Kit (Includes Items 8-12)	
8	See Note	2	Seal, Piston (Note: Use Item 7)	
9	See Note	2	Seal, Rod (Note: Use Item 7)	
10	See Note	2	Ring, Wiper (Note: Use Item 7)	
11	See Note	2	O-Ring (Note: Use Item 7)	
12	See Note	2	Ring, Backup (Note: Use Item 7)	

FIGURE 9-4. CYLINDER ASSEMBLY - EXTEND/RETRACT (TELESCOPE)

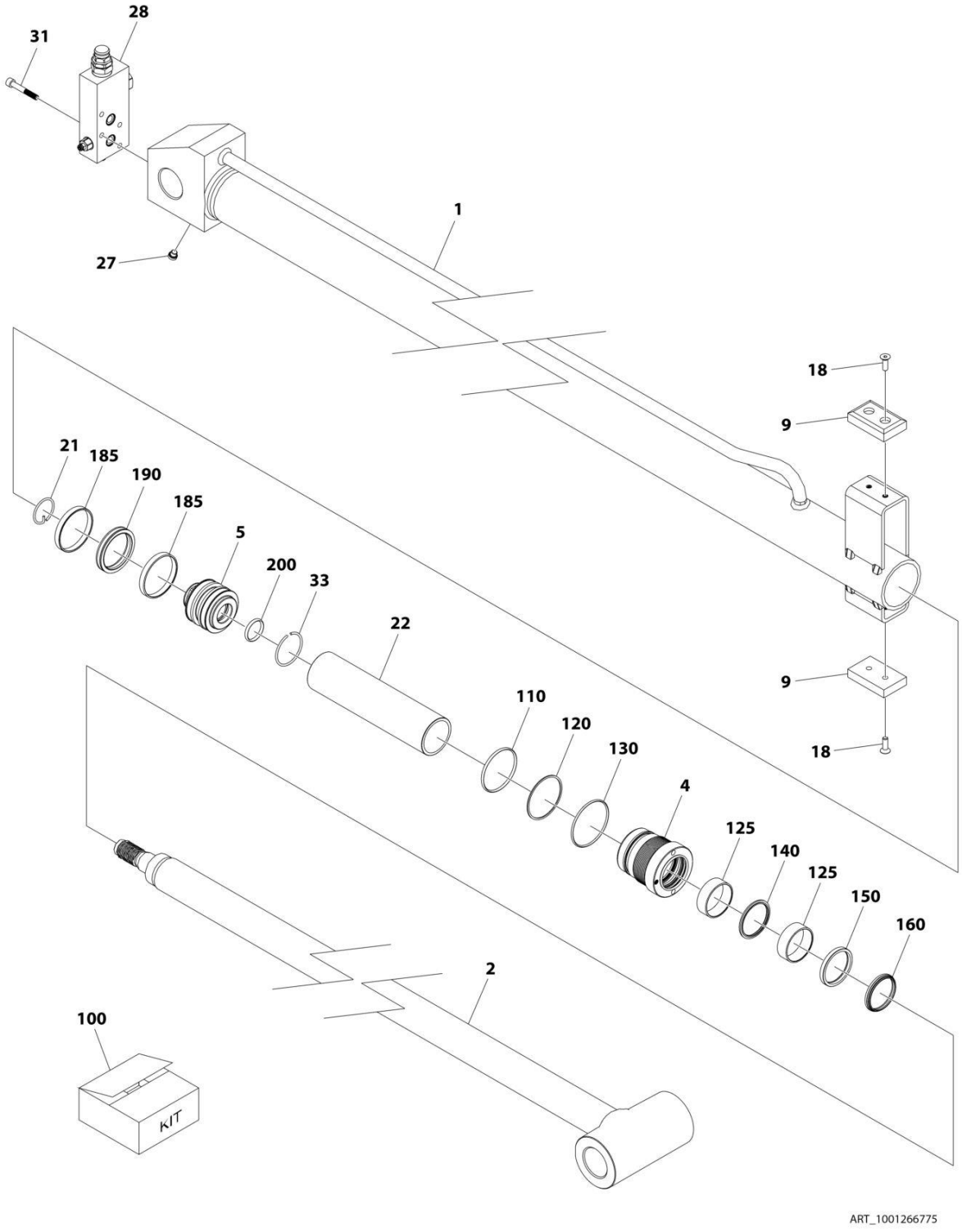


FIGURE 9-4. CYLINDER ASSEMBLY - EXTEND/RETRACT (TELESCOPE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266775	Ref	EXTEND/RETRACT CYLINDER	C
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Use PN 1001266775)	
2	See Note	NSS	Rod (Note: Use PN 1001266775)	
4	70031016	1	Head	
5	70003819	1	Piston	
9	70031017	2	Guide	
18	70031018	4	Capscrew M8 x 25	
21	70002216	1	Ring, Retaining	
22	70031019	1	Spacer	
27	70025961	1	Plug 1/8	
28	1001201245	1	Valve Assembly (Note: Sold As Assembly Only)	
31	70007334	4	Capscrew M8 x 55	
33	70031020	1	Ring	
100	70031021	1	Seal Kit - 1001266775 Cylinder (Includes Items 110-200)	
110	See Note	NSS	O-Ring (Note: Use Item 100)	
120	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
125	See Note	NSS	Ring, Wear (Note: Use Item 100)	
130	See Note	NSS	O-Ring (Note: Use Item 100)	
140	See Note	NSS	Seal (Note: Use Item 100)	
150	See Note	NSS	Seal (Note: Use Item 100)	
160	See Note	NSS	Wiper (Note: Use Item 100)	
185	See Note	NSS	Ring, Bearing (Note: Use Item 100)	
190	See Note	NSS	Seal (Note: Use Item 100)	
200	See Note	NSS	O-Ring (Note: Use Item 100)	

FIGURE 9-5. CYLINDER ASSEMBLY - LIFT

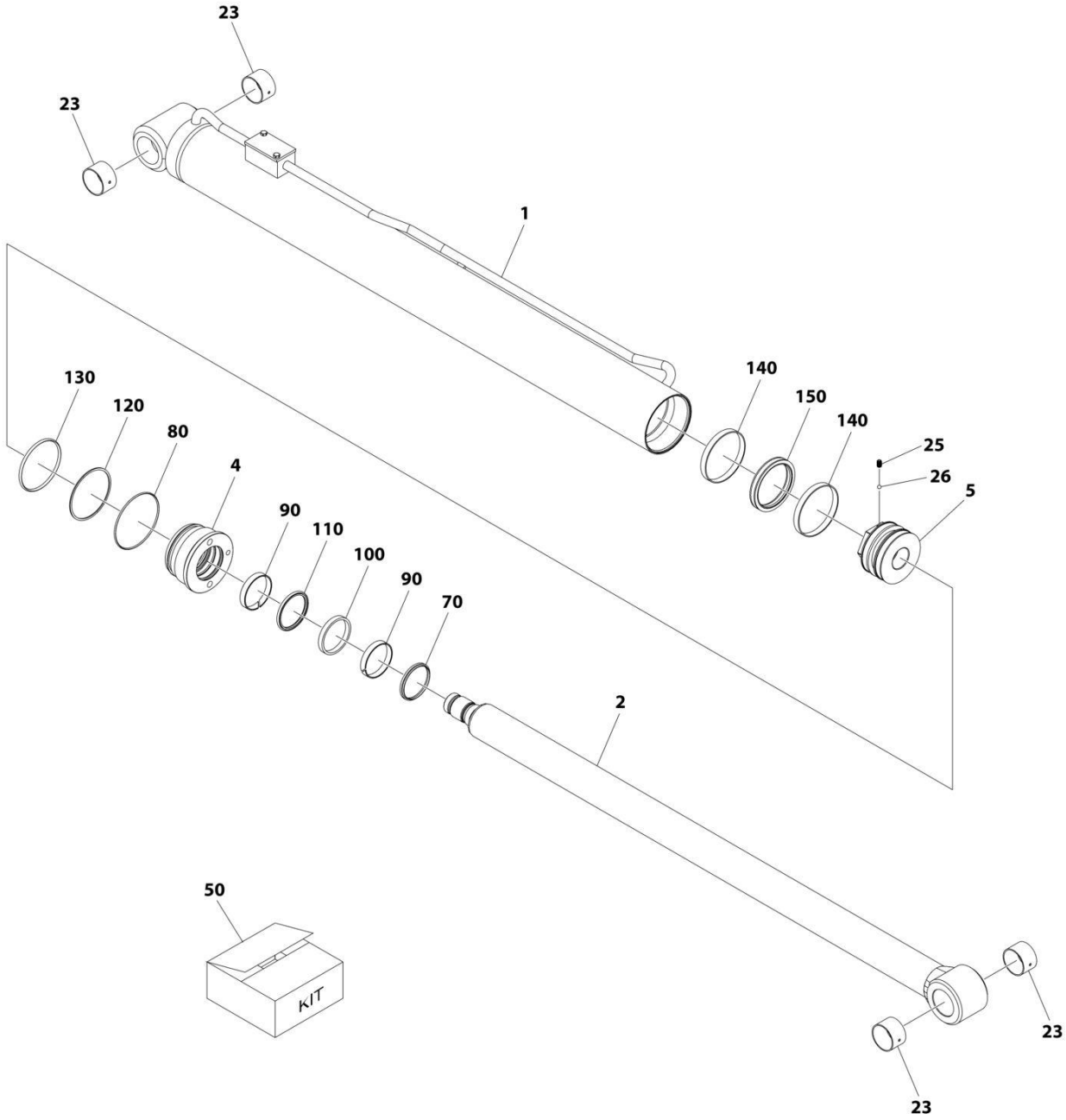


FIGURE 9-5. CYLINDER ASSEMBLY - LIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267963	Ref	CYLINDER ASSEMBLY - LIFT	B
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Use PN 1001267963)	
2	See Note	NSS	Rod (Note: Use PN 1001267963)	
4	70030997	1	Head	
5	70030998	1	Piston	
23	70025602	4	Bushing	
25	70025613	1	Set Screw M10 x 16	
26	70025614	1	Ball	
50	70030999	1	Seal Kit - 1001267963 Cylinder	
70	See Note	NSS	Seal (Note: Use Item 50)	
80	See Note	NSS	O-Ring (Note: Use Item 50)	
90	See Note	NSS	Ring Wear (Note: Use Item 50)	
100	See Note	NSS	Seal (Note: Use Item 50)	
110	See Note	NSS	Seal (Note: Use Item 50)	
120	See Note	NSS	Ring (Note: Use Item 50)	
130	See Note	NSS	Ring (Note: Use Item 50)	
140	See Note	NSS	Ring (Note: Use Item 50)	
150	See Note	NSS	Seal (Note: Use Item 50)	

FIGURE 9-6. CYLINDER ASSEMBLY - TILT

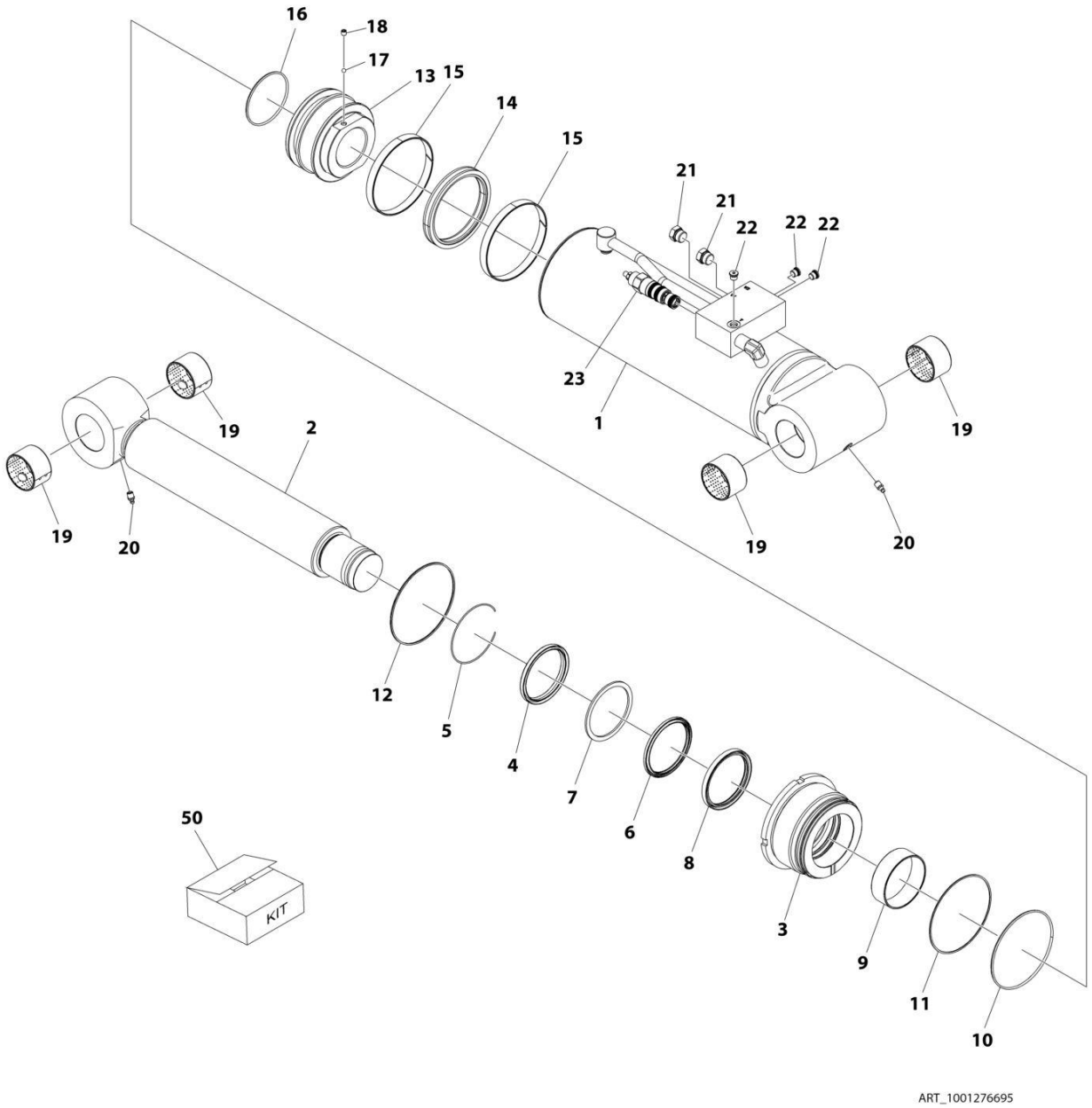


FIGURE 9-6. CYLINDER ASSEMBLY - TILT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276695	Ref	CYLINDER ASSEMBLY	C
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Use PN 1001276695)	
2	70027744	1	Rod	
3	70027745	1	Head	
4	See Note	NSS	Wiper (Note: Use Item 50)	
5	70023380	1	Ring, Retaining	
6	See Note	NSS	Seal, Rod (Note: Use Item 50)	
7	See Note	NSS	Ring, Back Up (Note: Use Item 50)	
8	See Note	NSS	Ring, Buffer (Note: Use Item 50)	
9	70027225	1	Bearing, Dry	
10	See Note	NSS	O-Ring (Note: Use Item 50)	
11	See Note	NSS	Ring, Back Up (Note: Use Item 50)	
12	See Note	NSS	O-Ring (Note: Use Item 50)	
13	70031044	1	Piston	
14	See Note	NSS	Seal, Piston (Note: Use Item 50)	
15	See Note	NSS	Ring, Wear (Note: Use Item 50)	
16	See Note	NSS	O-Ring (Note: Use Item 50)	
17	70022564	1	Ball	
18	70022563	1	Setscrew M8 x 10	
19	70026543	4	Bearing, Dry	
20	70026308	2	Fitting, Grease	
21	70023372	2	Plug, 3/4	
22	2220883	3	Plug, 7/16	
23	1001189888	1	Cartridge, Valve	
50	70031045	1	Seal Kit (Includes Items 4, 6-8, 10-12 & 14-16)	

FIGURE 9-7. IMPLEMENT PUMP

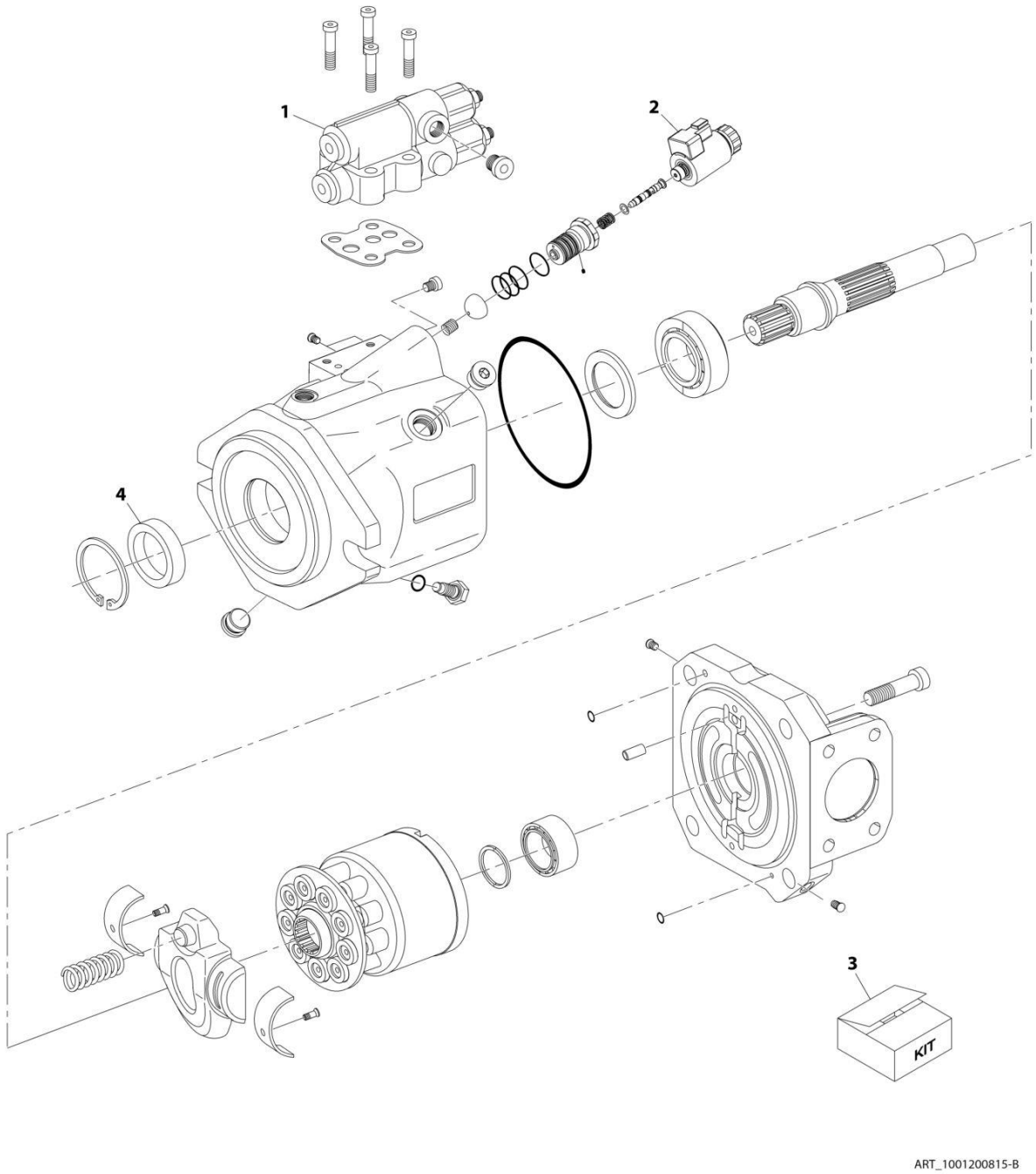


FIGURE 9-7. IMPLEMENT PUMP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200815	Ref	Implement Pump	B
1	70027595	1	Controller, DSR	
2	70024186	1	Controller, EK	
3	70024189	1	Kit, Seal	
4	7024947	1	SHAFT SEAL	
	Kit	1	O-Ring	
	Kit	2	O-Ring	
	Kit	2	O-Ring	
	Kit	4	O-Ring	
	Kit	2	O-Ring	
	Kit	1	Seal	
	Kit	1	Ring, Retaining	
	Kit	1	O-Ring	
	Kit	1	Seal	
	Kit	1	O-Ring	
	Kit	6	Seal	
	Kit	1	O-Ring	
	Kit	1	O-Ring	
	Kit	2	O-Ring	
	Kit	2	Ring, Thrust	
	Kit	1	O-Ring	
	Kit	1	O-Ring	
	Kit	1	Ring, Backup	
	Kit	1	O-Ring	
	Kit	1	Ring, Backup	

FIGURE 9-8. VALVE SUB-ASSEMBLY - DIVERTOR (HI-FLOW)

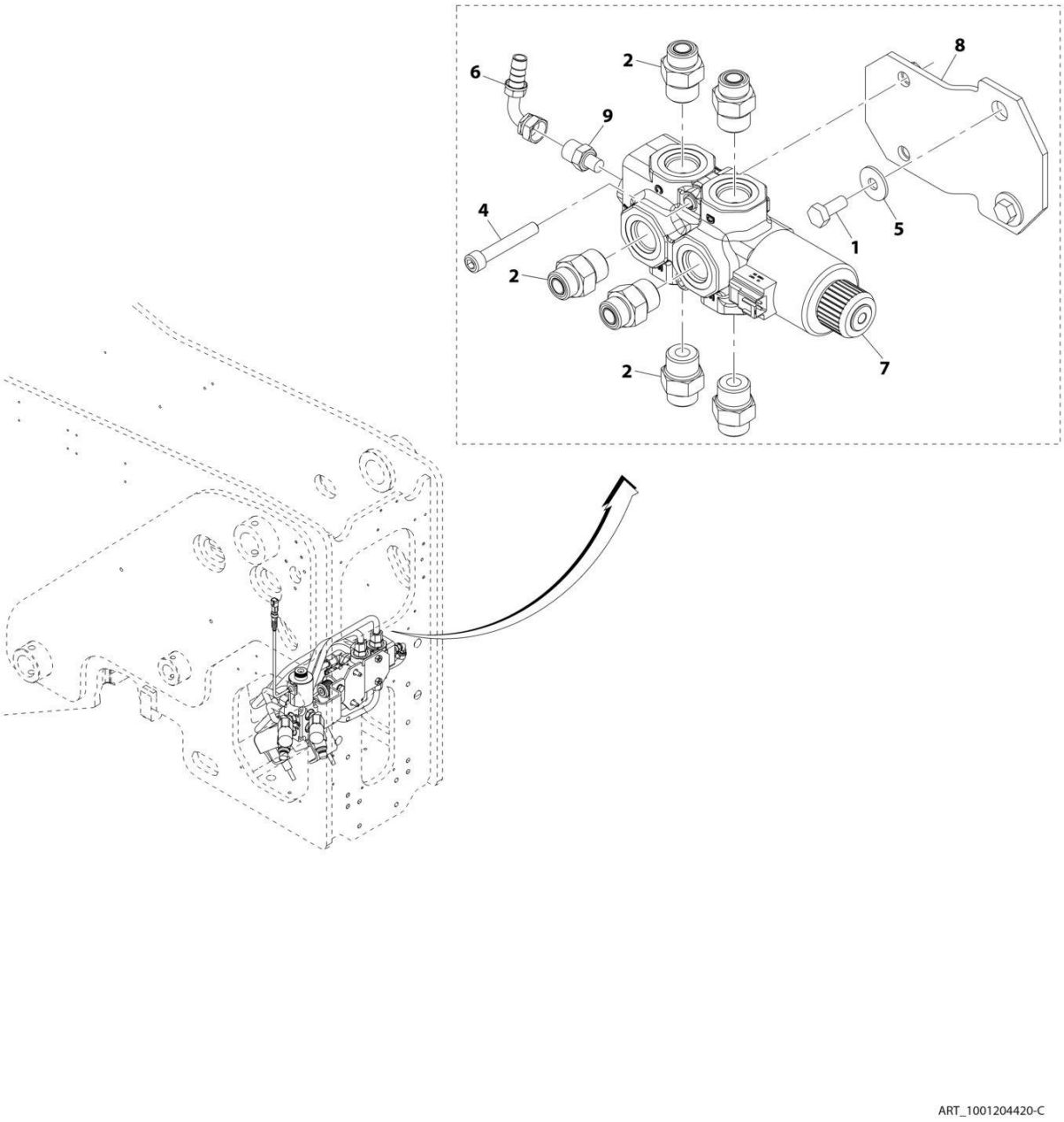


FIGURE 9-8. VALVE SUB-ASSEMBLY - DIVERTOR (HI-FLOW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204420	Ref	Divertor Valve Assembly (Hi Flow)	C
1	0761012	2	Bolt, M10X25	
2	2111012	6	Fitting, Straight ORFS	
4	4032017	2	Bolt	
5	4812002	2	Washer, M10	
6	1001095301	1	Fitting, 90 ORFS	
7	1001173771	1	Valve, Divertor (Hi Flow) (See Separate Breakdown in this Section)	
8	1001213748	1	Bracket	
9	2110604	1	Fitting, Straight ORFS	

FIGURE 9-9. VALVE ASSEMBLY - DIVERTOR (HI-FLOW)

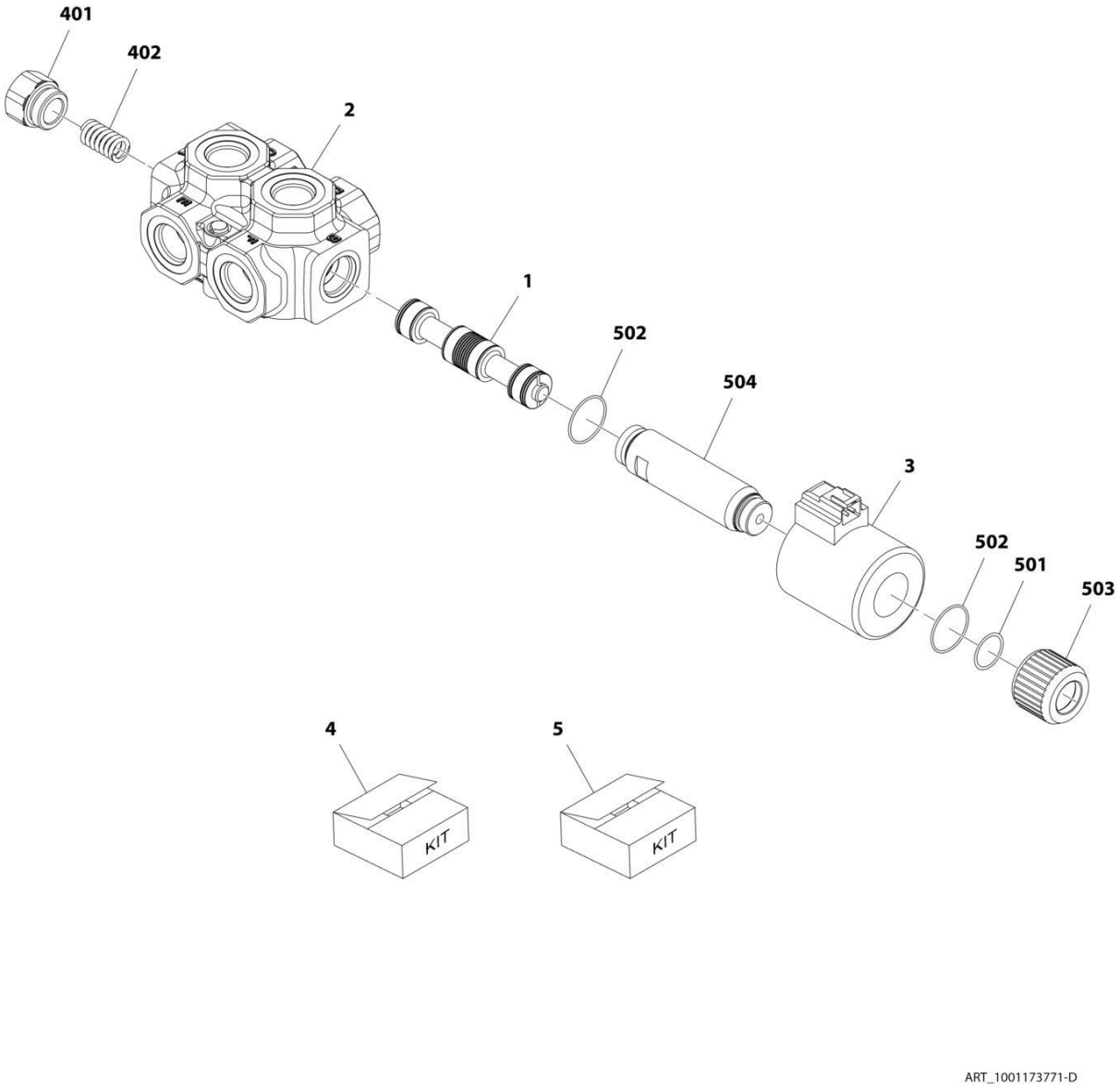


FIGURE 9-9. VALVE ASSEMBLY - DIVERTOR (HI-FLOW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173771	Ref	Divertor Valve	D
1	70027267	1	Spool, Divertor	
2	70027268	1	Body, Divertor	
3	70027269	1	Coil	
4	70027270	1	Kit, Drain Plug	
401	Kit	1	Plug	
402	Kit	1	Spring	
5	70027271	1	Kit, Tube	
501	Kit	1	O-Ring	
502	Kit	2	O-Ring	
503	Kit	1	Plug	
504	Kit	1	Tube	

FIGURE 9-10. VALVE ASSEMBLY - DIVERTOR (TWIN HYDRAULIC COUPLER)

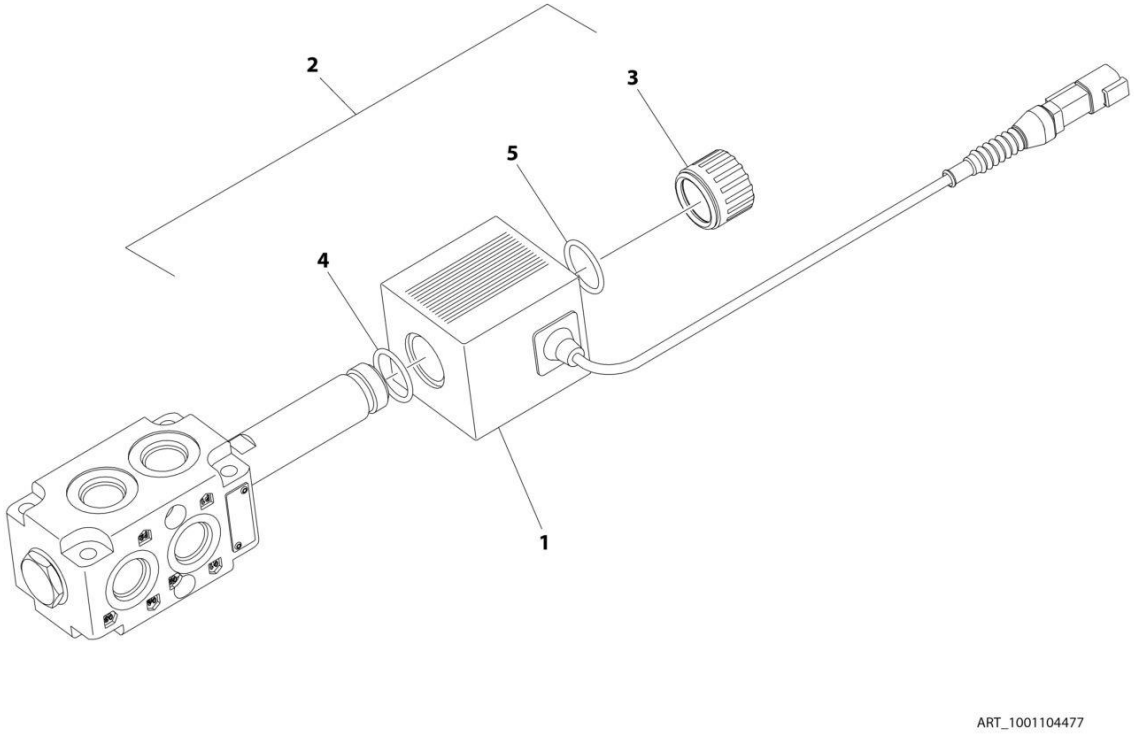


FIGURE 9-10. VALVE ASSEMBLY - DIVERTOR (TWIN HYDRAULIC COUPLER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001104477	Ref	DIVERTOR VALVE	D
1	70020764	1	Coil	
2	70021531	1	Retainer Kit (Includes Items 3-5)	
3	Kit	1	Nut	
4	Kit	1	O-Ring	
5	Kit	1	O-Ring	

FIGURE 9-11. VALVE ASSEMBLY - DIVERTOR (TWIN MANUAL & SINGLE/TWIN HYDRAULIC COUPLERS)

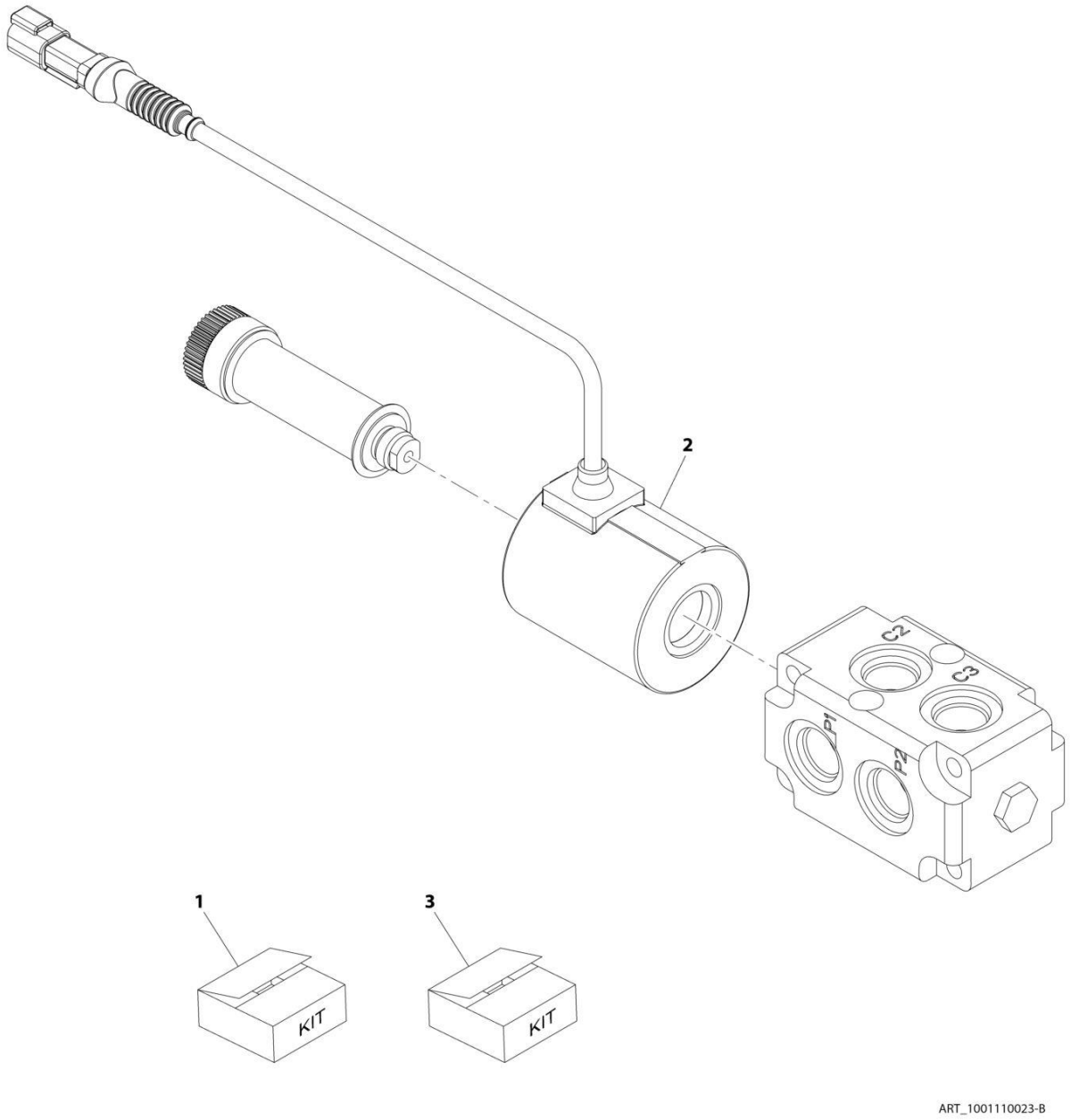


FIGURE 9-11. VALVE ASSEMBLY - DIVERTOR (TWIN MANUAL & SINGLE/TWIN HYDRAULIC COUPLERS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001110023	Ref	Divertor Valve	B
1	70027596	1	Kit, Seal	
	Kit	2	O-Ring	
2	70020764	1	Coil	
3	70021531	1	Kit, Coil Nut	
	N.S.S.	1	O-Ring	
	N.S.S.	1	O-Ring	
	N.S.S.	1	Nut	

FIGURE 9-12. VALVE ASSEMBLY - FAN MOTOR CONTROL

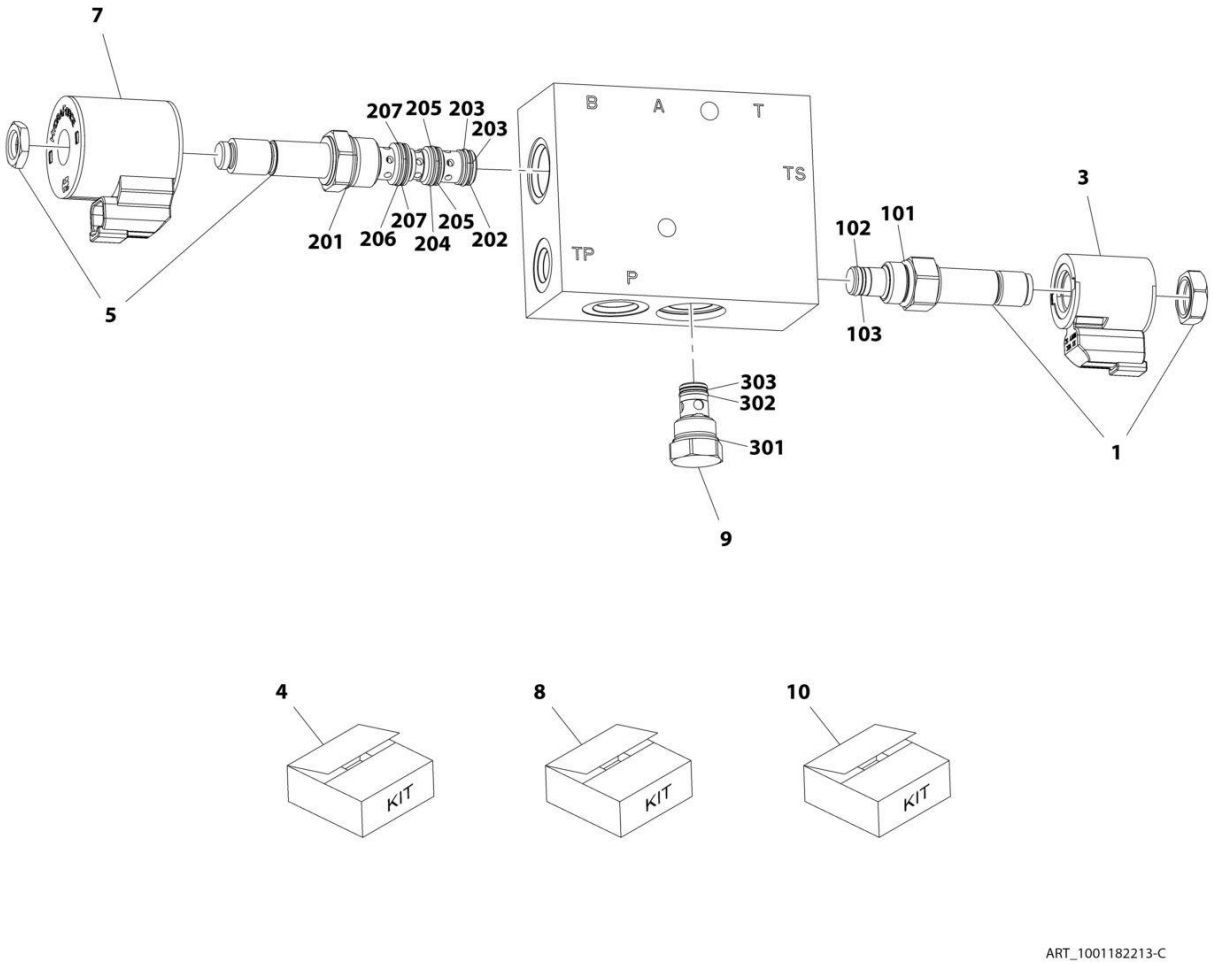


FIGURE 9-12. VALVE ASSEMBLY - FAN MOTOR CONTROL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182213	Ref	Fan Motor Control Valve	C
1	70027004	1	Valve, Proportional	
3	70002971	1	Coil	
4	7012998	1	Kit, Seal (includes items 101 thru 103)	
5	8036580	1	Valve, Solenoid	
7	70003788	1	Coil	
8	7012903	1	Kit, Seal (includes items 201 thru 207)	
9	7022391	1	Valve, Check	
10	7012998	1	Kit, Seal (includes items 301 thru 303)	
101	N.S.S.	1	O-Ring	
102	N.S.S.	1	O-Ring	
103	N.S.S.	1	O-Ring, Back-up	
201	N.S.S.	1	O-Ring	
202	N.S.S.	1	O-Ring	
203	N.S.S.	2	O-Ring, Back-up	
204	N.S.S.	1	O-Ring	
205	N.S.S.	2	O-Ring, Back-up	
206	N.S.S.	1	O-Ring	
207	N.S.S.	2	O-Ring, Back-up	
301	N.S.S.	1	O-Ring	
302	N.S.S.	1	O-Ring	
303	N.S.S.	1	O-Ring, Back-up	

FIGURE 9-13. VALVE ASSEMBLY - HYDRAULIC HITCH CONTROL VALVE

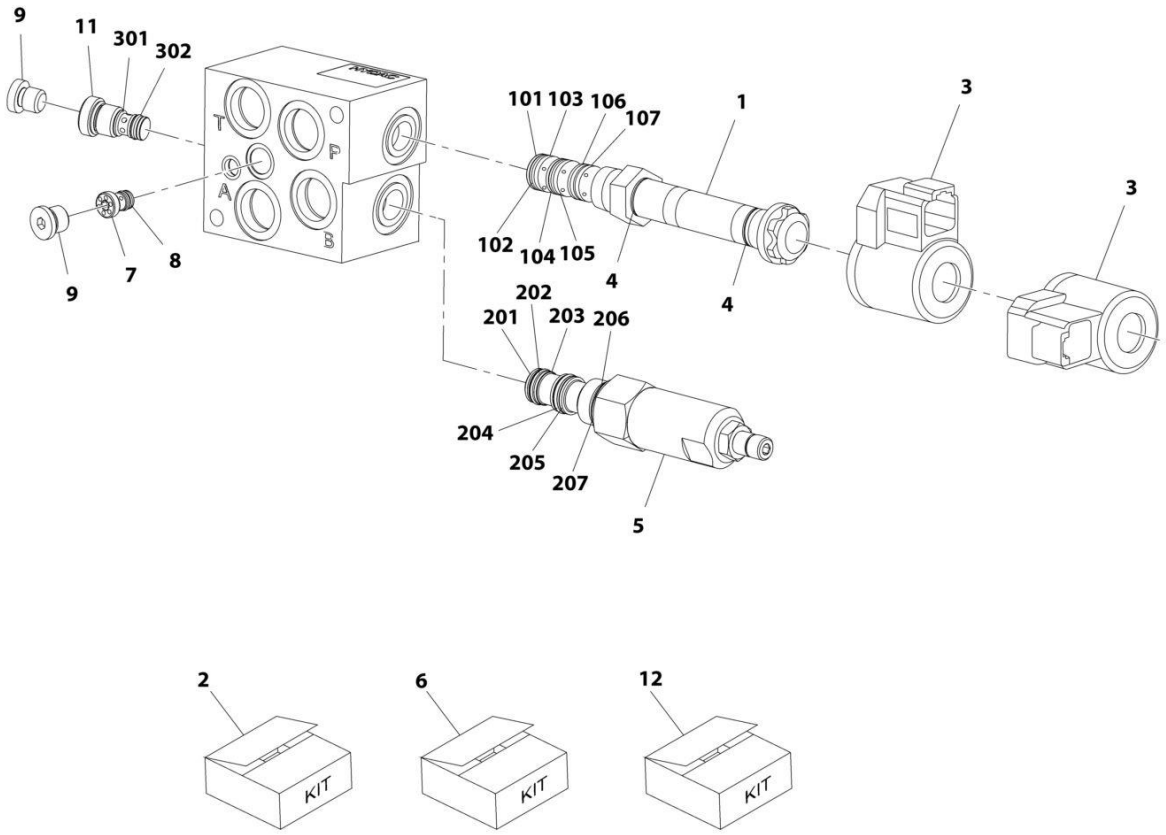


FIGURE 9-13. VALVE ASSEMBLY - HYDRAULIC HITCH CONTROL VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226722	Ref	Hydraulic Hitch Control Valve	B
1	70026965	1	Valve	
2	70026966	1	Kit, Seal	
101	Kit	1	O-Ring	
102	Kit	1	O-Ring	
103	Kit	2	Support Ring	
104	Kit	1	O-Ring	
105	Kit	2	Support Ring	
106	Kit	1	O-Ring	
107	Kit	2	Support Ring	
3	70026967	2	Coil	
4	70026968	1	Nut	
5	70026969	1	Valve	
6	70026970	1	Kit, Seal	
201	Kit	1	O-Ring	
202	Kit	1	O-Ring	
203	Kit	2	Support Ring	
204	Kit	1	O-Ring	
205	Kit	2	Support Ring	
206	Kit	1	O-Ring	
207	Kit	2	Support Ring	
7	70026971	1	Valve	
8	70026972	1	Seal	
9	70026973	2	Plug	
11	70026975	1	Valve	
12	70026976	1	Kit, Seal	
301	Kit	1	O-Ring	
302	Kit	1	O-Ring	

FIGURE 9-14. VALVE ASSEMBLY - MAIN CONTROL

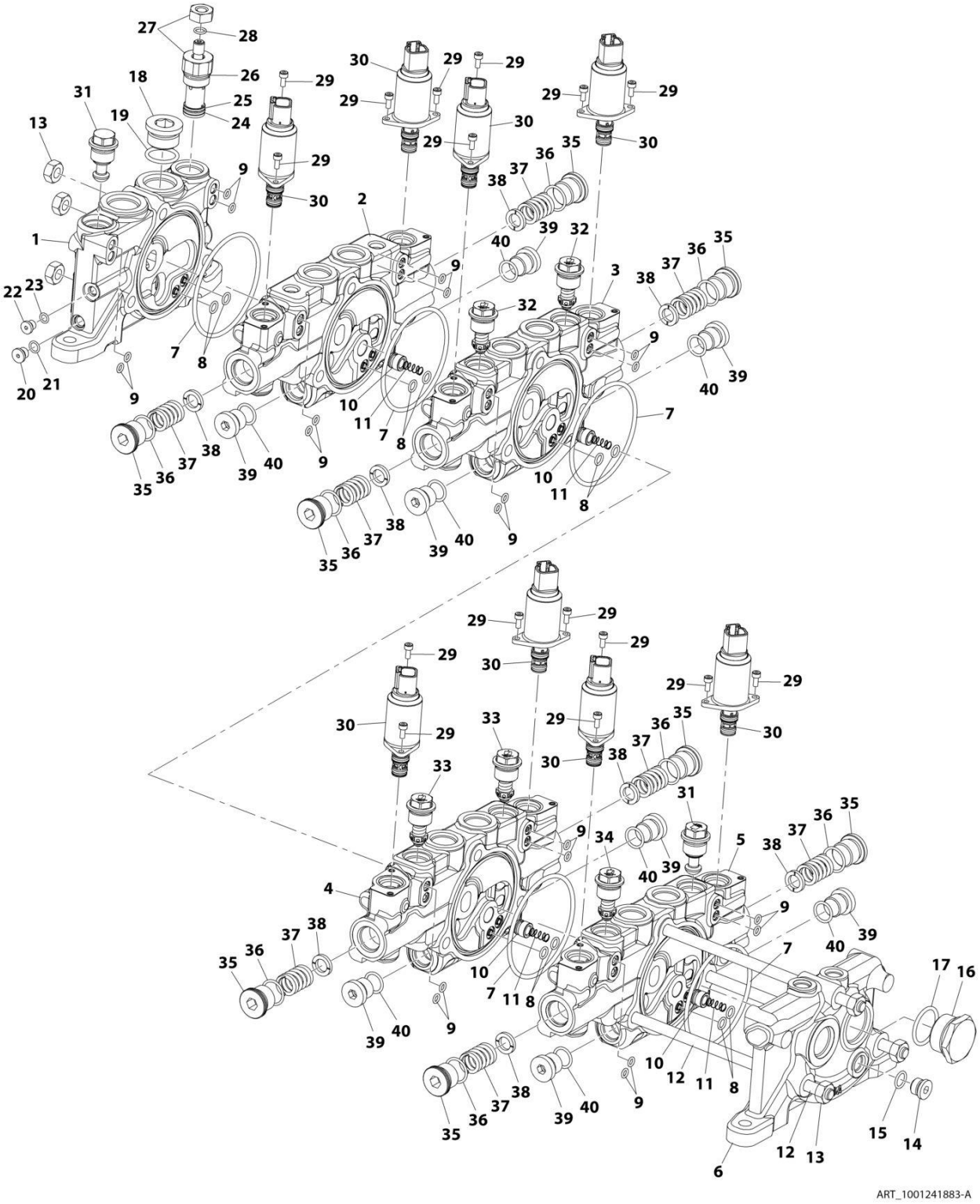


FIGURE 9-14. VALVE ASSEMBLY - MAIN CONTROL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241883	Ref	Main Control Valve	A
1	70027136	1	Section, Inlet	
2	70029992	1	Lift Section Assembly	
3	70029993	1	Tilt Section Assembly	
4	70029994	1	Aux Section Assembly	
5	70029995	1	Extend/Retract Section Assembly	
6	70027141	1	Outlet Section Assembly	
7	8034697	5	O-Ring	
8	10837926	10	O-Ring	
9	70027128	20	O-Ring	
10	10837929	4	Poppet	
11	10837937	4	Spring	
12	70026375	3	Tie Rod	
13	70050481	6	Nut-Metric	
14	70050475	1	Plug Assy	
15	70024201	1	O-Ring	
16	70029030	1	Plug Assy W/O-Ring	
17	10732931	1	O-Ring	
18	70050472	1	Plug Assy, W/O-Ring	
19	70026374	1	O-Ring	
20	70026368	1	Plug Assy W/O-Ring	
21	70026371	1	O-Ring	
22	70026379	1	Plug Assy W/O-Ring	
23	70026372	1	O-Ring	
24	70026370	1	O-Ring	
25	70026376	1	Back-Up Ring	
26	10837928	1	O-Ring	
27	70027132	1	Drain Regulator Assembly	
28	70026373	1	O-Ring	
29	70027135	16	Screw	
30	70029820	8	Solenoid, Cartridge Valve	
31	70026382	2	Shut-Off Plug Assembly	
32	70022010	2	Relief Valve Assembly	
33	70027133	2	Relief Valve Assembly	
34	70027134	1	Relief Valve Assembly	
35	70024847	8	Plug Assembly W/O-Ring	
36	70026777	8	O-Ring	
37	70026377	8	Spring	
38	70027129	8	Spring Seat	
39	70027131	8	Plug Assembly W/O-Ring	
40	70027130	8	O-Ring	

FIGURE 9-15. VALVE ASSEMBLY - PRIORITY FLOW MANIFOLD

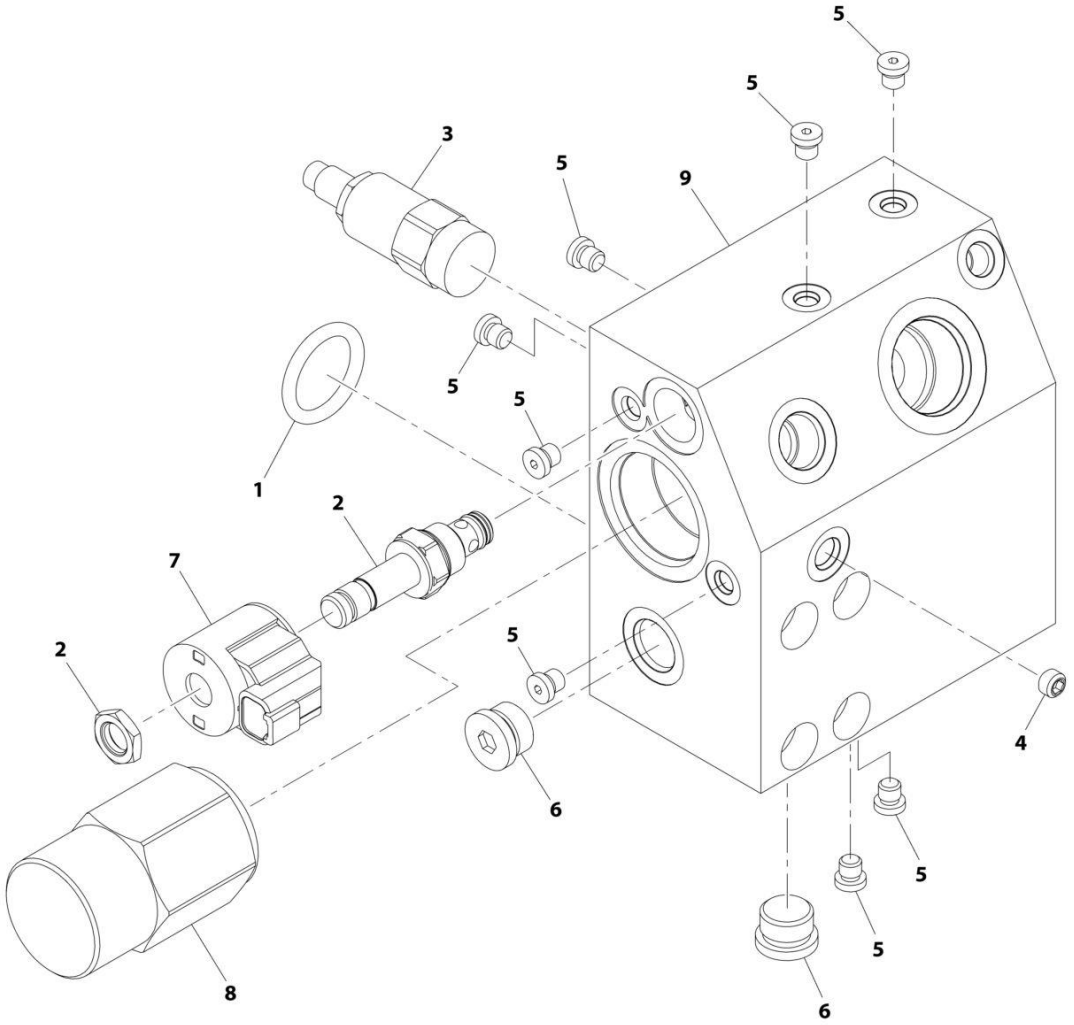
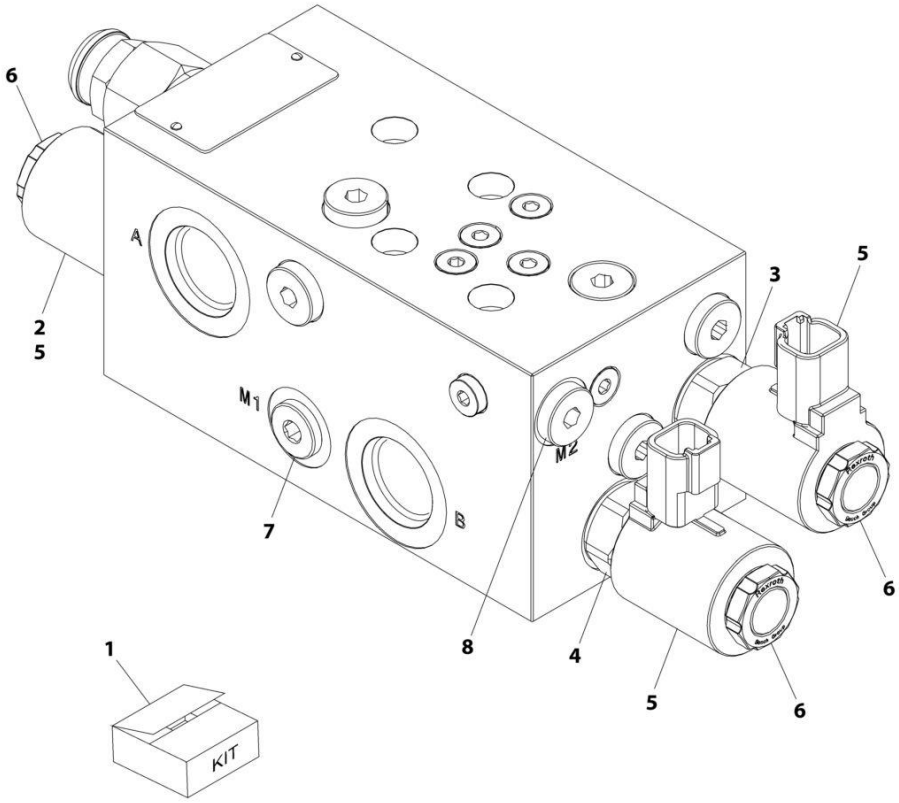


FIGURE 9-15. VALVE ASSEMBLY - PRIORITY FLOW MANIFOLD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220639	Ref	Priority Flow Valve	B
1	70027000	1	O-Ring	
2	70027001	1	Valve, Solenoid	
3	70027002	1	Reducer, Pressure	
4	70026313	1	Plug	
5	2220881	8	Plug	
6	2220886	2	Plug	
7	70002386	1	Coil	
8	70028900	1	Direction Control Valve	
9	N.S.S.	1	Body	

FIGURE 9-16. VALVE ASSEMBLY - RIDE CONTROL

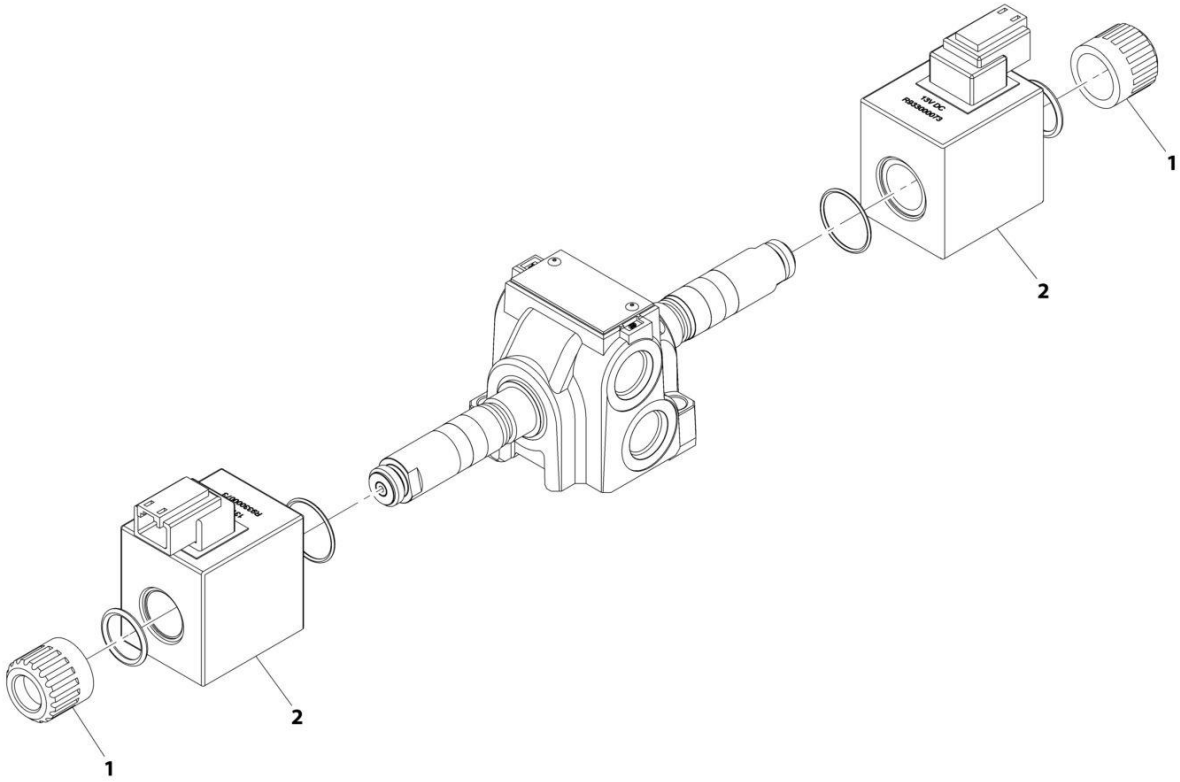


ART_1001263039

FIGURE 9-16. VALVE ASSEMBLY - RIDE CONTROL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263039	Ref	VALVE ASSEMBLY - RIDE CONTROL	A
1	70027600	1	Seal Kit - Mounting (Includes to Mount Valve Assembly)	
2	70030943	1	Valve, Solenoid Cartridge (Less Coil)	
3	70030944	1	Valve, Solenoid Cartridge (Less Coil)	
4	70030945	1	Valve, Solenoid Cartridge (Less Coil)	
5	70030946	3	Coil	
6	70007604	3	Coil Nut	
7	70030947	1	Plug Kit	
8	70030948	1	Plug Kit	

FIGURE 9-17. VALVE ASSEMBLY - STEERING SELECT VALVE



ART_1001153748-C

FIGURE 9-17. VALVE ASSEMBLY - STEERING SELECT VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001153748	Ref	Steering Select Valve	C
1	70020867	2	Nut, Coil	
2	70026582	2	Coil	

FIGURE 9-18. VALVE ASSEMBLY - TRAILER BRAKE

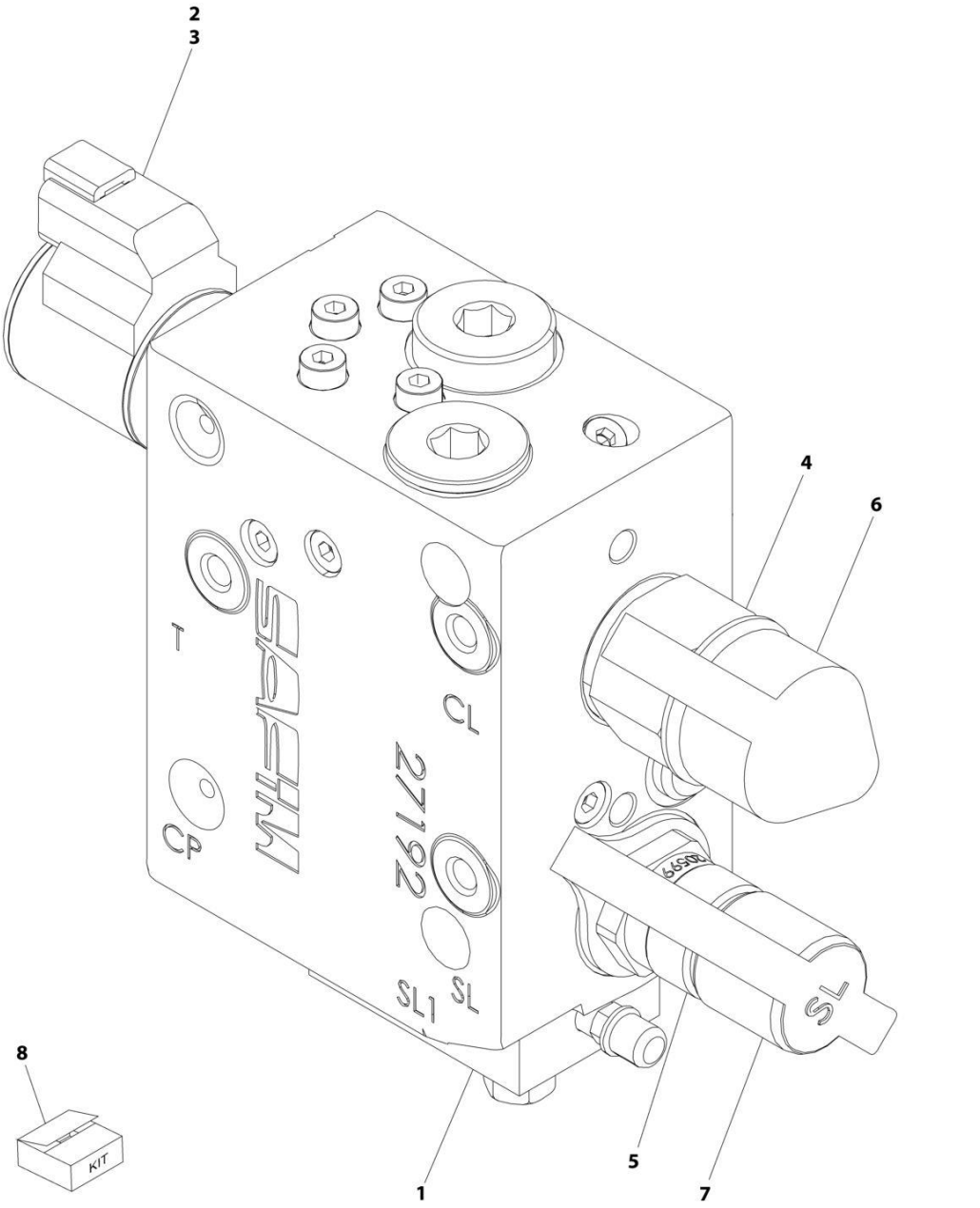
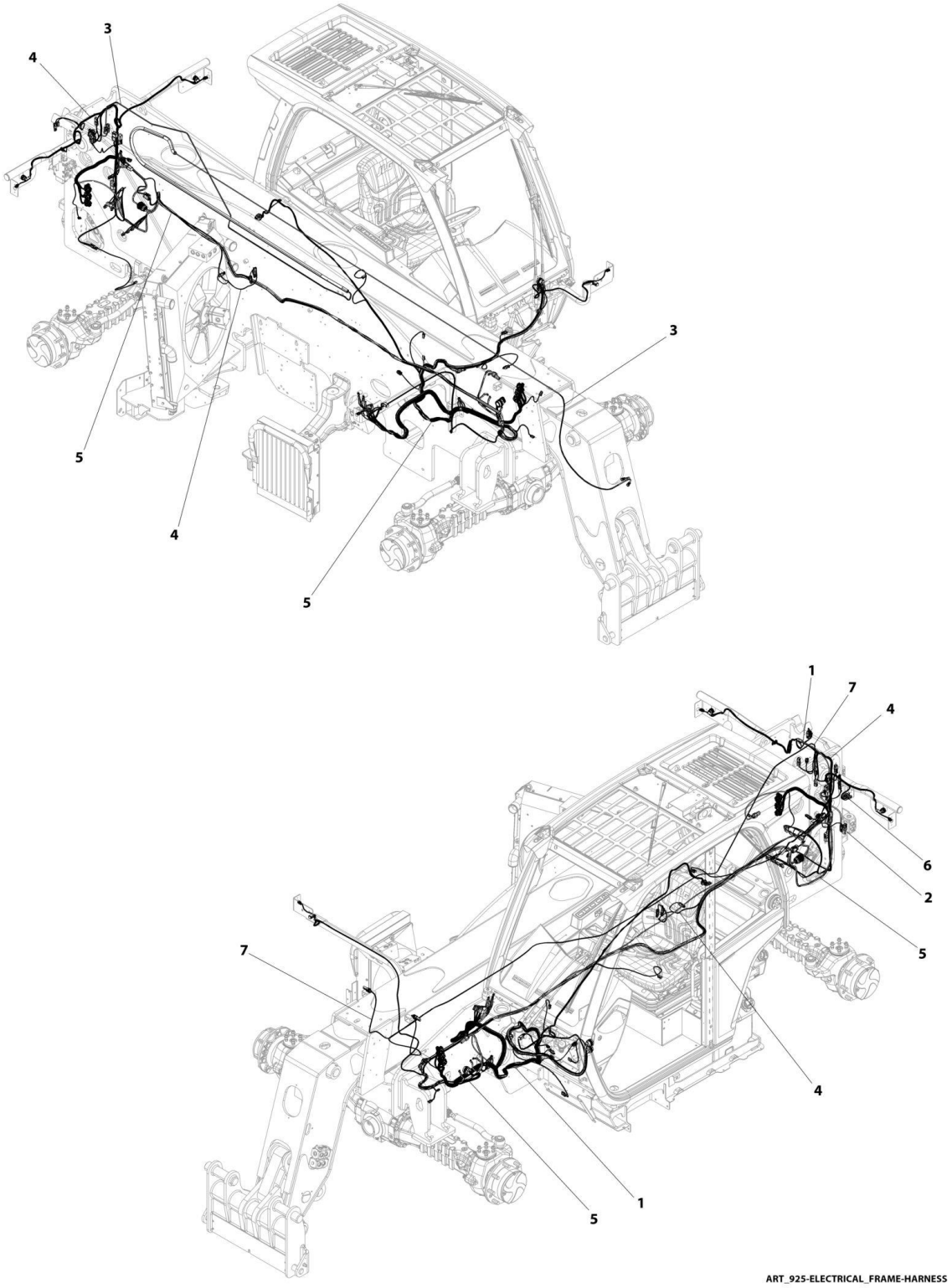


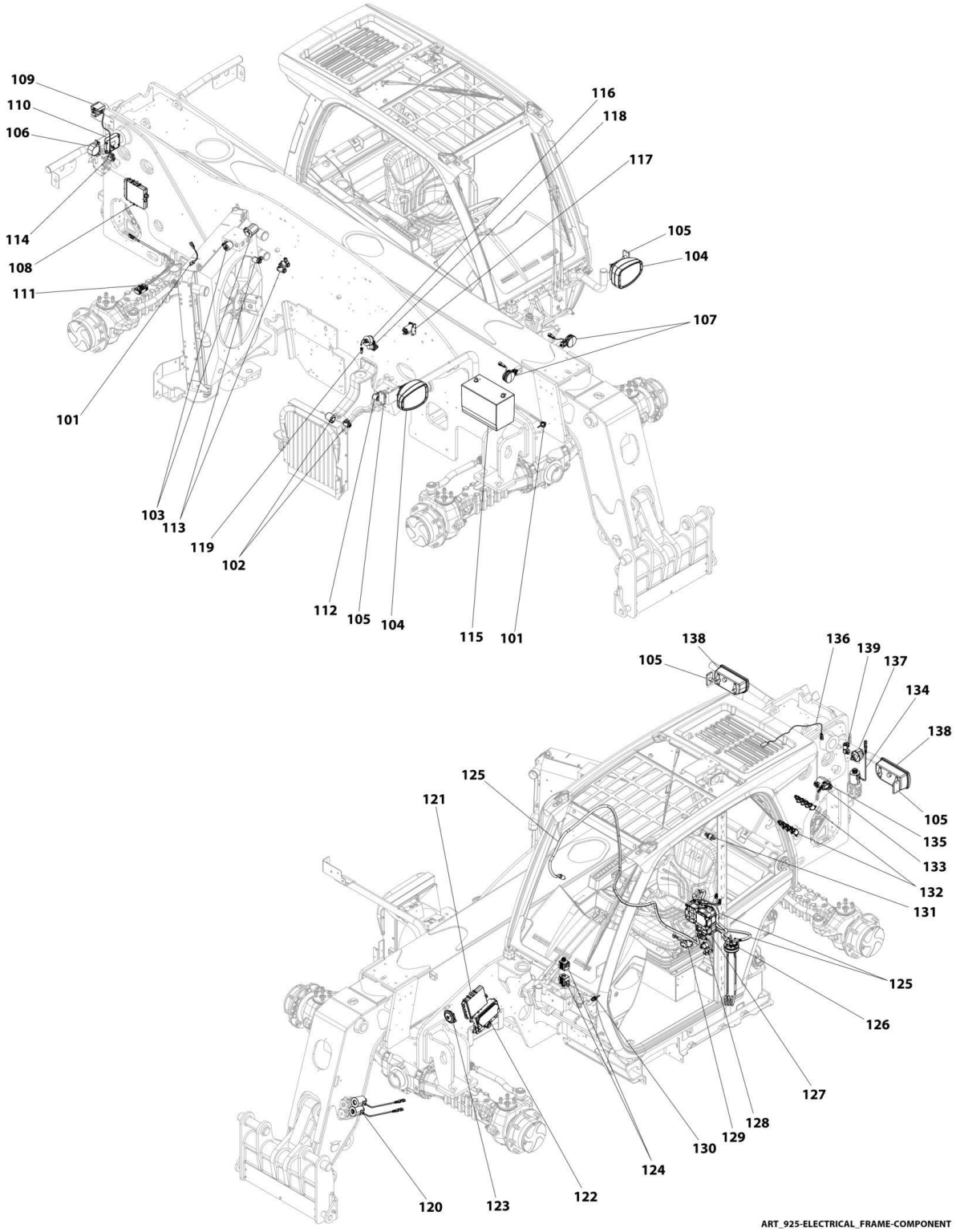
FIGURE 9-18. VALVE ASSEMBLY - TRAILER BRAKE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230194	Ref	TRAILER BRAKE VALVE	A
1	70028868	1	Pilot Group	
2	70028869	1	Solenoid Valve with Coil	
3	70028870	1	Coil	
4	70028871	1	Coupling, CL	
5	70028872	1	Coupling. SL	
6	70028873	1	Cap, CL	
7	70028874	1	Cap, SL	
8	70028875	1	Seal Kit (Includes Items 101-112)	
101	Kit	1	Cap Bleeding Screw	
102	Kit	1	Quadring Pilot Block	
103	Kit	10	Seal	
104	Kit	1	Seal	
105	Kit	1	Seal	
106	Kit	1	Seal	
107	Kit	1	Seal	
108	Kit	1	Seal	
109	Kit	1	Seal	
110	Kit	1	Seal	
111	Kit	1	Anti Extrusion	
112	Kit	1	Anti Extrusion	

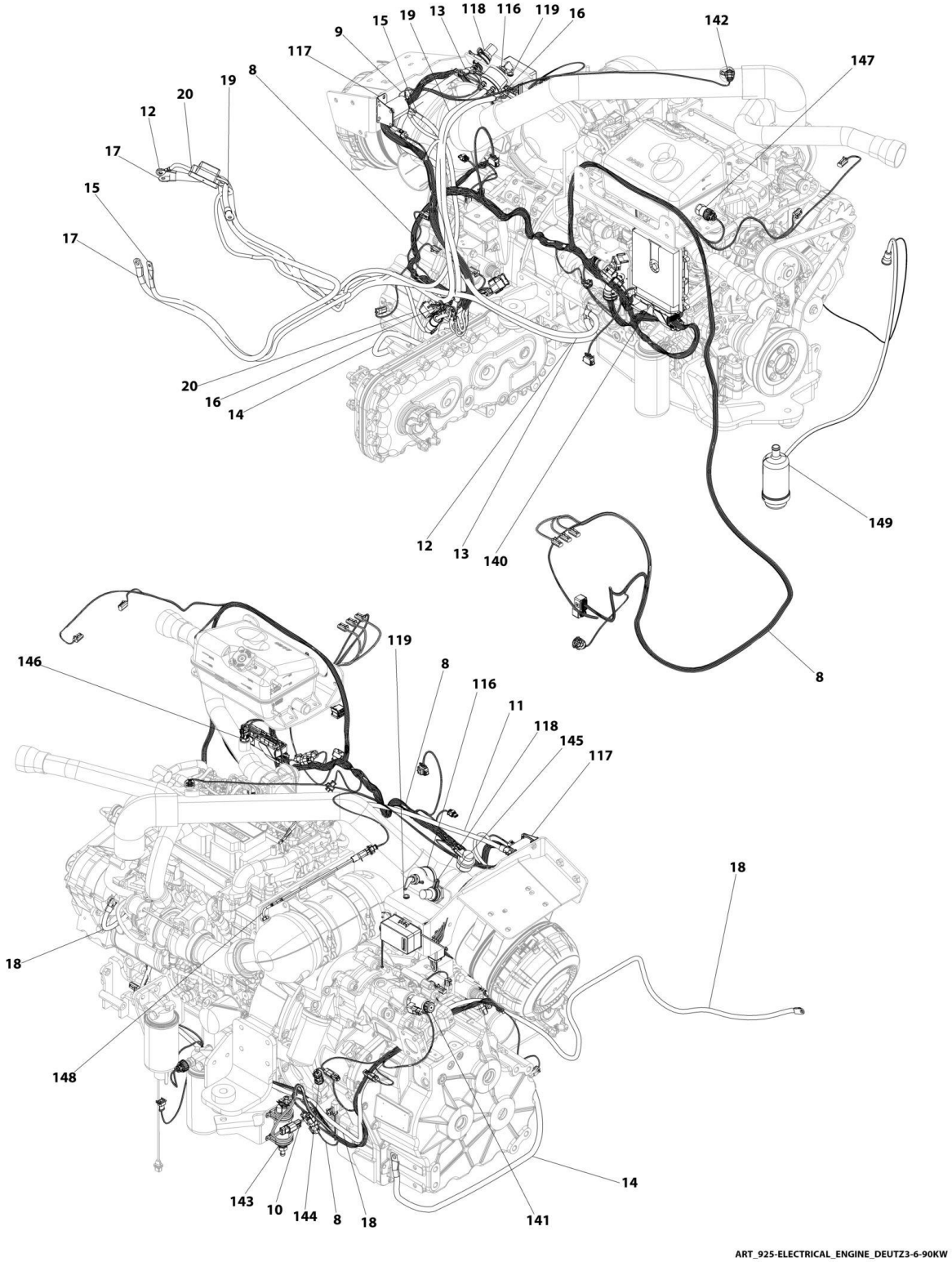
SECTION 10 - ELECTRICAL

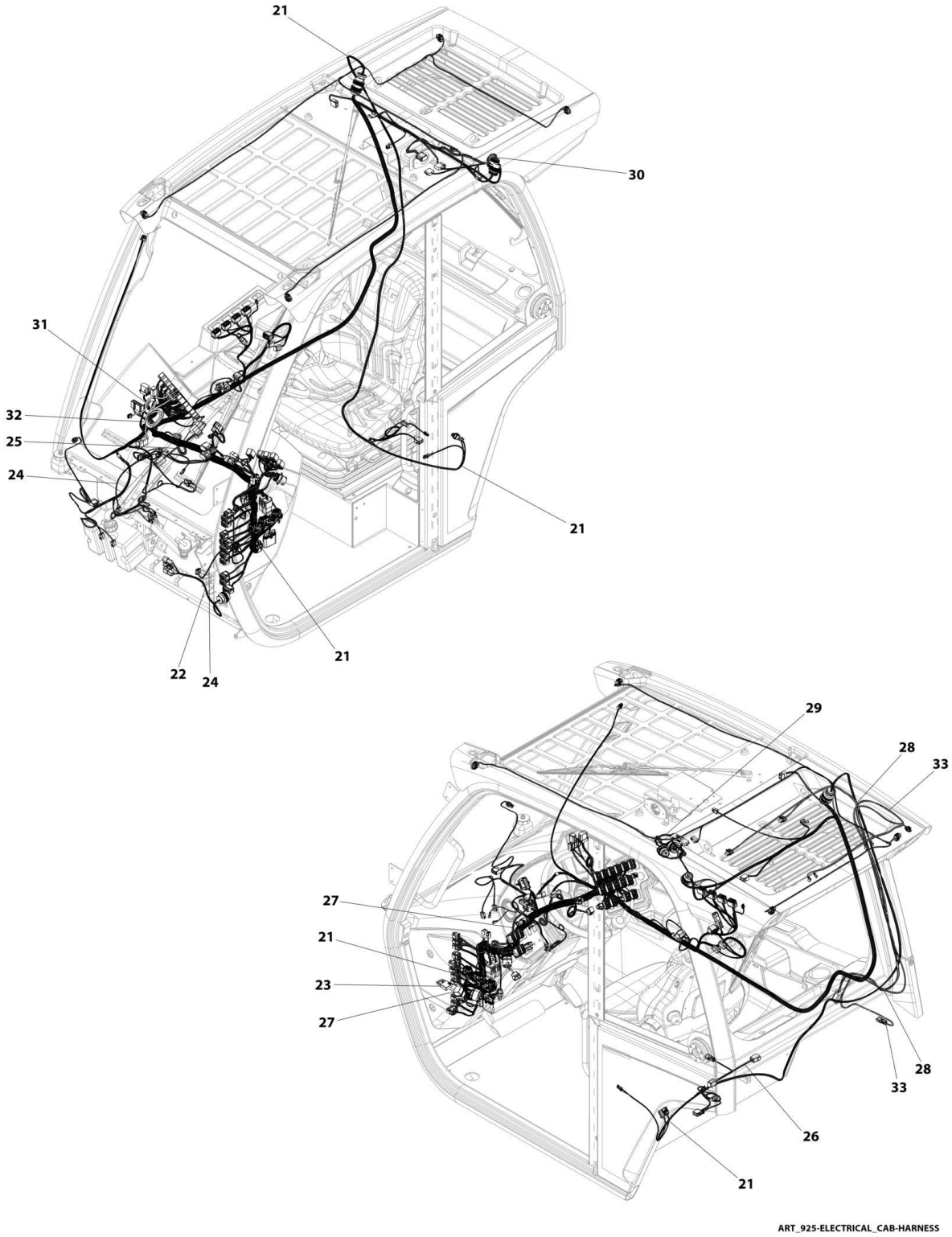
FIGURE 10-1. 925 ELECTRICAL LAYOUT



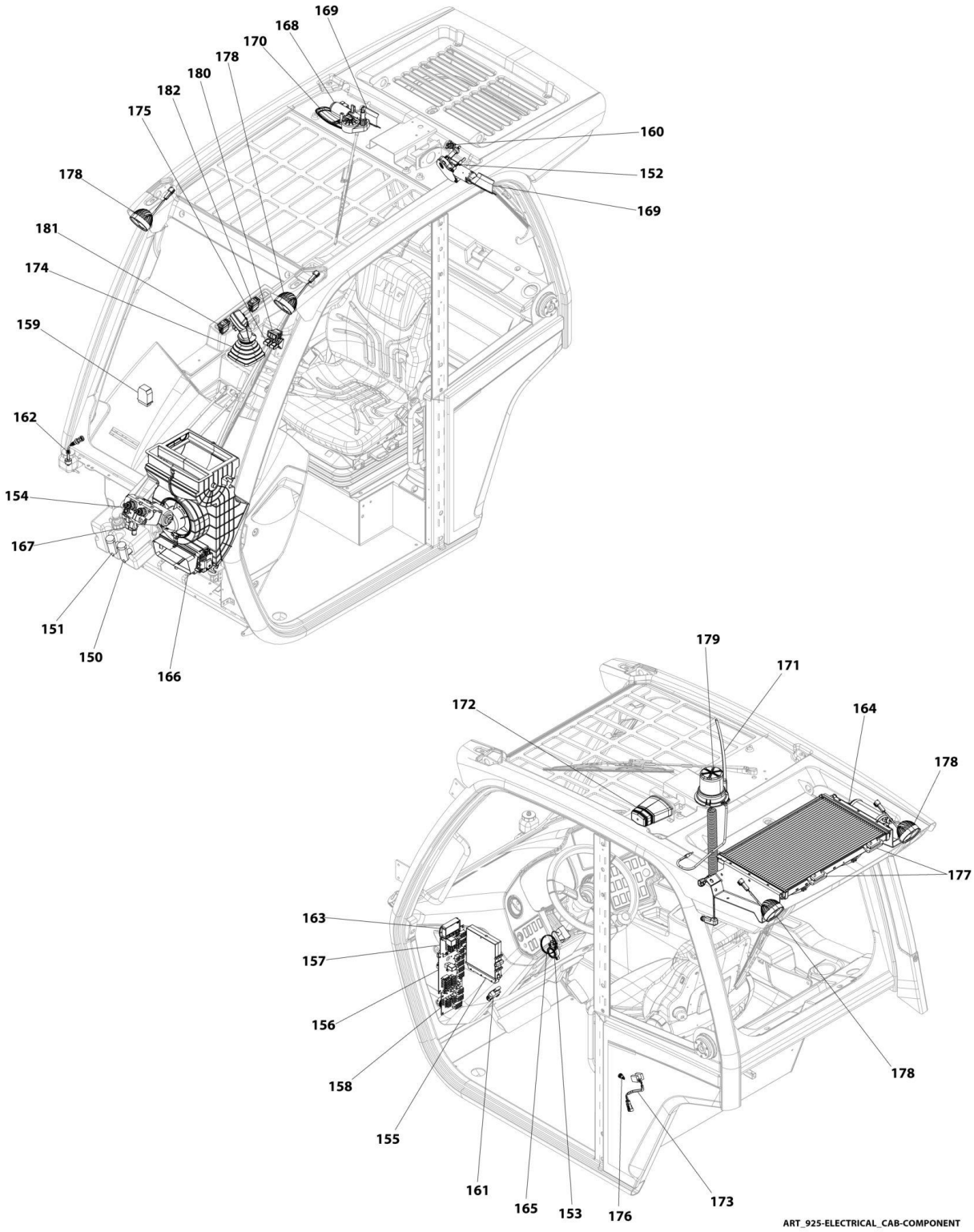

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ART_925-ELECTRICAL_FRAME-COMPONENT

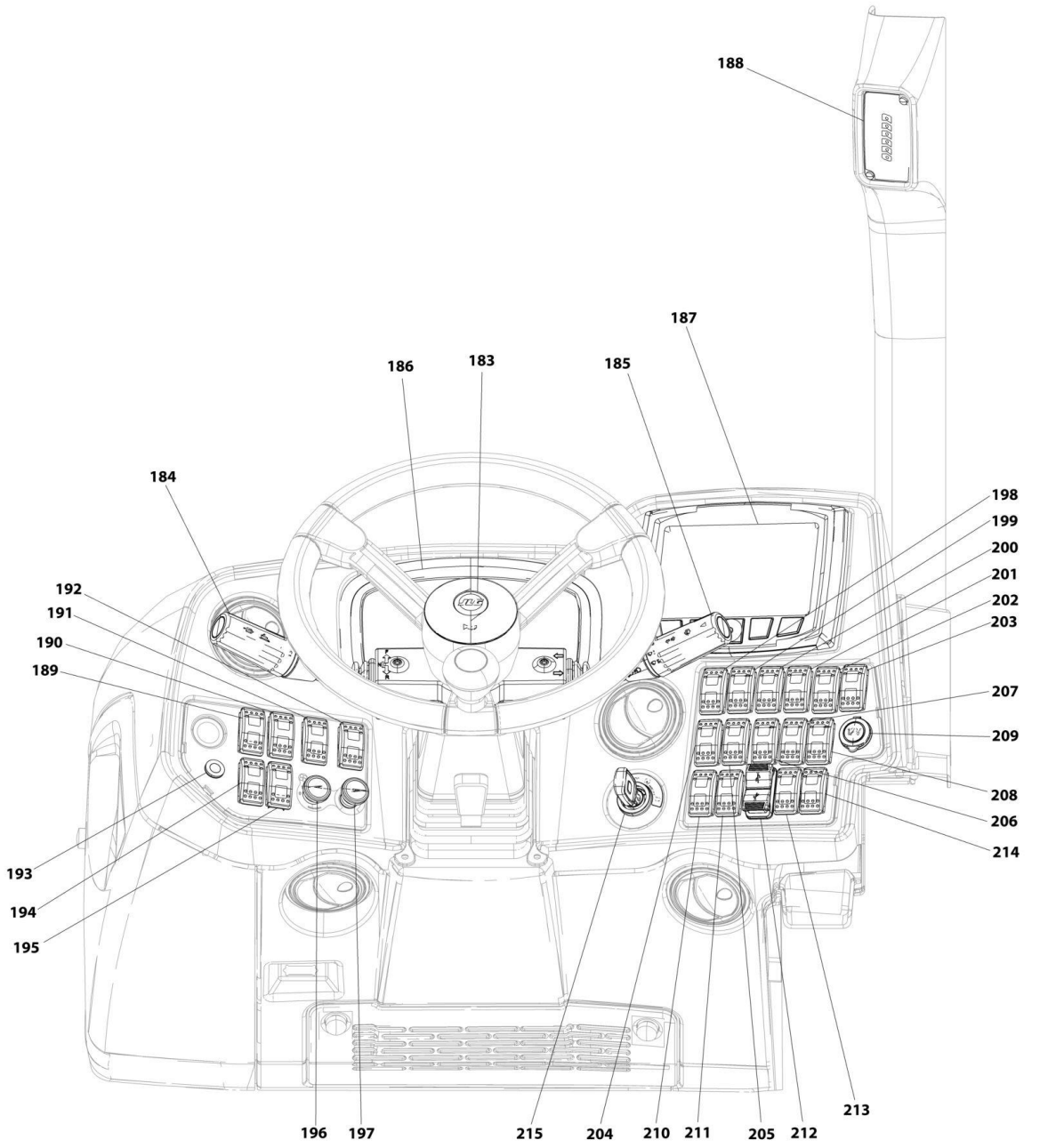
SECTION 10 - ELECTRICAL




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ART_925-ELECTRICAL_CAB-HARNESS

SECTION 10 - ELECTRICAL





ART_925-ELECTRICAL_CONTROLS

FIGURE 10-1. 925 ELECTRICAL LAYOUT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: This figure is for identifying part location only.	
		Ref	HARNESS LIST	
1		Ref	Cable, Reverse Camera	
2		Ref	Harness, Reverse Sensor	
3		Ref	Harness, Boom	
4		Ref	Harness, Rear Frame	
5		Ref	Harness, Front Frame	
6		Ref	Harness, Trailer Connector	
7		Ref	Harness, Boom Worklights	
8		Ref	Harness, Engine	
9		Ref	Harness, Glow Plug Relay to Engine Harness	
10		Ref	Harness, Fuel Pump	
11		Ref	Cable, Glow Plug to Relay	
12		Ref	Cable, Battery (+) to Starter	
13		Ref	Cable, Starter to Jump Start Stud	
14		Ref	Cable, Ground Buss to Engine Ground	
15		Ref	Cable, PDM to Glow Plug Relay	
16		Ref	Cable, Disonnect to Ground Buss	
17		Ref	Cable, Battery (+) to PDM	
18		Ref	Cable, Alternator Power	
19		Ref	Cable, Battery (-) to Disconnect	
20		Ref	Cable, ECM Power	
21		Ref	Harness, Cab	
22		Ref	Harness, Cab Option	
23		Ref	Cable, Communication Analyzer	
24		Ref	Harness, HVAC Actuator	
25		Ref	Harness, Ignition Switch	
26		Ref	Harness, Seat Adaptor	
27		Ref	Harness, Seat Belt Alarm	
28		Ref	Harness, A/C Option	
29		Ref	Harness, Telematics Ready	
30		Ref	Harness, Telematics	
31		Ref	Cable, Display Programming	
32		Ref	Cable, Display Video	
33		Ref	Harness, License Plate Light	
		Ref	COMPONENT LIST	
101		Ref	Sensor, Steer	
102		Ref	Solenoids, Hydraulic Cooling Fan	
103		Ref	Solenoids, Engine Cooling Fan	
104		Ref	Headlight	
105		Ref	Light, Side Marker	
106		Ref	Alarm, Backup	
107		Ref	Worklights	
108		Ref	Module, Rear Frame	
109		Ref	Camera, Reverse	
110		Ref	Sensor, Reverse	
111		Ref	Sensor, Rear Axle	
112		Ref	Solenoids, Priority Valve	
113		Ref	Solenoids, Ride Control Valve	
114		Ref	Solenoid, Trailer Brake Valve	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
115		Ref	Battery	
116		Ref	Switch, Battery Disconnect	
117		Ref	Relay	
118		Ref	Battery Jump Start Stud	
119		Ref	Light, DEF Purge Indicator	
120		Ref	Solenoids, Boom Quick Switch Valve	
121		Ref	Module, Front Frame	
122		Ref	Box, Power Distribution Electrical	
123		Ref	Horn	
124		Ref	Solenoids, Steer Select Valve	
125		Ref	Hose, Heated (DEF)	
126		Ref	Module, DEF Tank	
127		Ref	Pump, DEF Module	
128		Ref	Solenoids, Def Tank	
129		Ref	Fuel Pump	
130		Ref	Sensor, Hydraulic Oil Temperature	
131		Ref	Switch, Hydraulic Oil Pressure	
132		Ref	Solenoids, Main Control Valve	
133		Ref	Sensor, Boom Angle	
134		Ref	Solenoid, Rear Aux Divertor Valve	
135		Ref	Solenoids, Hi-Flow Divertor Valve	
136		Ref	Sensor, Proximity	
137		Ref	Connector, Electrical (Trailer)	
138		Ref	Taillight	
139		Ref	Solenoids, Hitch Control Valve	
140		Ref	Module, Engine Control	
141		Ref	Solenoid, Implement Pump	
142		Ref	Sensor, Ambient Air Temperature	
143		Ref	Fuel Pump	
144		Ref	Sensor, Temperature	
145		Ref	Sensor, Air Restriction	
146		Ref	Sensor, Engine Coolant Temperature	
147		Ref	Sensor, Coolant Level	
148		Ref	Sensor, Temperature	
149		Ref	Heater, Engine Block	
150		Ref	Pump, Windshield Washer	
151		Ref	Pump, Rear Window Washer	
152		Ref	Motor, Rear Wiper	
153		Ref	Sensor, Throttle	
154		Ref	Motor, Front Wiper	
155		Ref	Module, Cab	
156		Ref	Electrical Board, Standard	
157		Ref	Electrical Board, Option 1	
158		Ref	Electrical Board, Option 2	
159		Ref	Module, Wipers	
160		Ref	Plug, 12V Power	
161		Ref	Sensor, Brake	
162		Ref	Sensor, Brake Fluid Level	
163		Ref	HVAC Actuator	
164		Ref	Assembly, Cab Condenser	
165		Ref	Sensor, HVAC Thermostat	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
166		Ref	Assembly, Heater & A/C	
167		Ref	Valve, HVAC	
168		Ref	Motor, Roof Wiper	
169		Ref	Speakers	
170		Ref	Lamp, Dome	
171		Ref	Antenna, Radio	
172		Ref	Module, ClearSky Telematics	
173		Ref	Sensor, Parking Brake	
174		Ref	Joystick	
175		Ref	Control, Fingertip Joystick	
176		Ref	Switch, Trailer Brake	
177		Ref	Light, License Plate	
178		Ref	Worklights	
179		Ref	Beacon	
180		Ref	Switch, Hitch Up/Down	
181		Ref	Switch, Transmission Disconnect	
182		Ref	Switch, Engine Speed Set	
183		Ref	Horn	
184		Ref	Lever, Transmission Control	
185		Ref	Lever, Accessory Control	
186		Ref	Instrument Panel	
187		Ref	Multifunction Display	
188		Ref	Display, LSI	
189		Ref	Switch, Lift/Loader	
190		Ref	Switch, Continuous Auxiliary Hydraulic	
191		Ref	Switch, Air Conditioning	
192		Ref	Switch, HVAC Recirculation	
193		Ref	Light, Seat Belt Indicator	
194		Ref	Switch, LSI Override	
195		Ref	Switch, Coupler	
196		Ref	HVAC Fan Speed	
197		Ref	Switch, HVAC Temperature Control	
198		Ref	Switch, Fog Lights	
199		Ref	Switch, Front Work Lights	
200		Ref	Switch, Boom Work Lights	
201		Ref	Switch, Rear Work Lights	
202		Ref	Switch, Beacon Light	
203		Ref	Switch, Hazard Lights	
204		Ref	Switch, Rear Wiper	
205		Ref	Switch, Roof Wiper	
206		Ref	Switch, Bucket Mode	
207		Ref	Switch, Boom Ride Control	
208		Ref	Switch, Auxiliary Decompression	
209		Ref	Power Outlet	
210		Ref	Switch, Steer Select	
211		Ref	Switch, Road Use	
212		Ref	USB Port	
213		Ref	Switch, Reversing Fan	
214		Ref	Switch, Master Light and Road Lights	
215		Ref	Switch, Ignition	

FIGURE 10-2. BATTERY INSTALLATION (STANDARD)

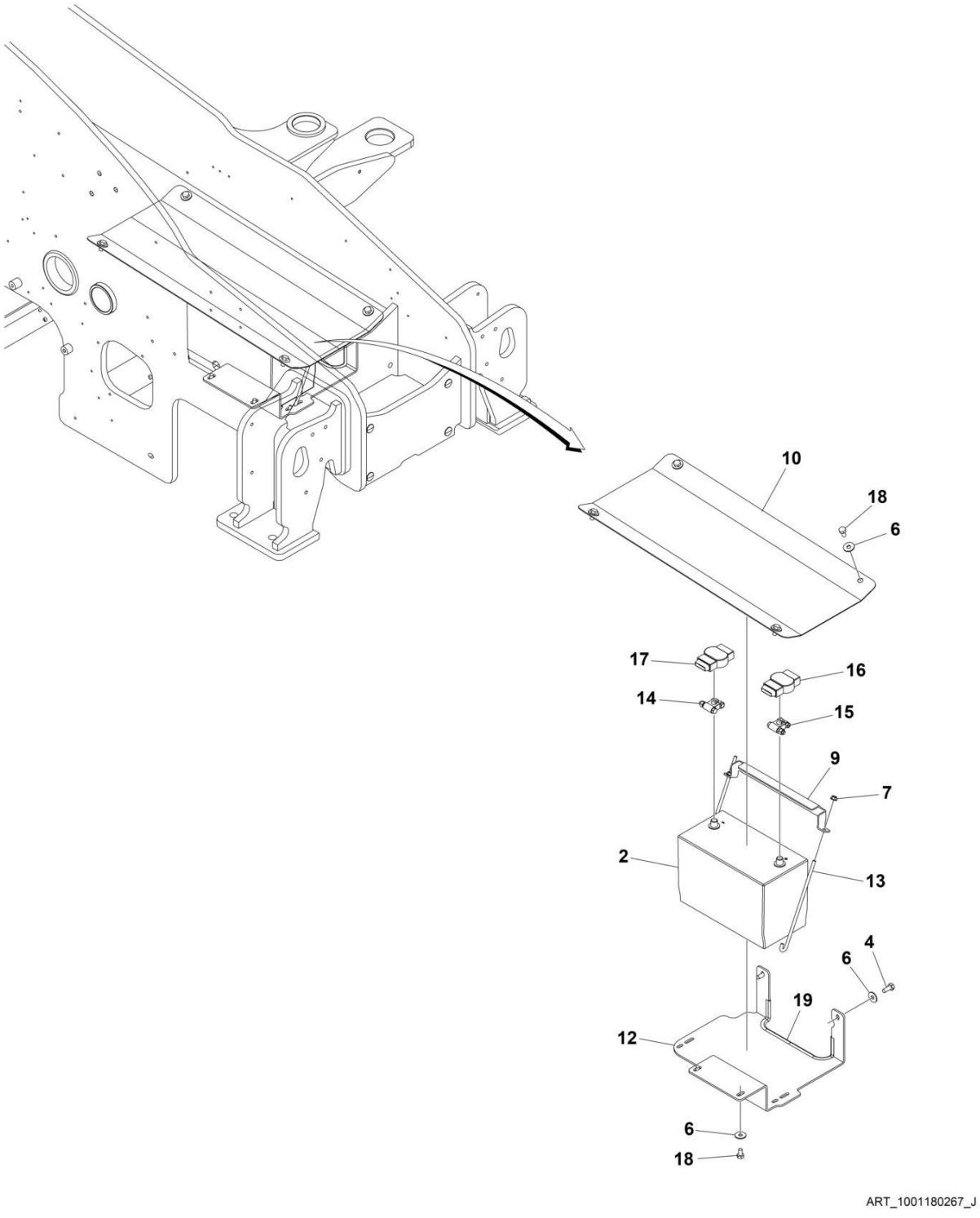


FIGURE 10-2. BATTERY INSTALLATION (STANDARD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180267	Ref	BATTERY INSTALLATION (STANDARD)	J
2	0400075	1	Battery, 12V	
4	0761012	2	Bolt M10 x 25	
6	4812002	8	Washer M10	
7	5220800	2	Nut M8	
9	1001141596	1	Plate	
10	1001179221J	1	Cover	
12	1001217179	1	Tray	
13	1001179586	2	J-Bolt	
14	8270147	1	Clamp	
15	8270148	1	Clamp	
16	7301893	1	Insulator, Battery Terminal	
17	1001145300	1	Insulator, Battery Terminal	
18	0761009	6	Bolt M10 x 18	
19	1001208037	1	Seal	

FIGURE 10-3. BATTERY INSTALLATION (DUAL)

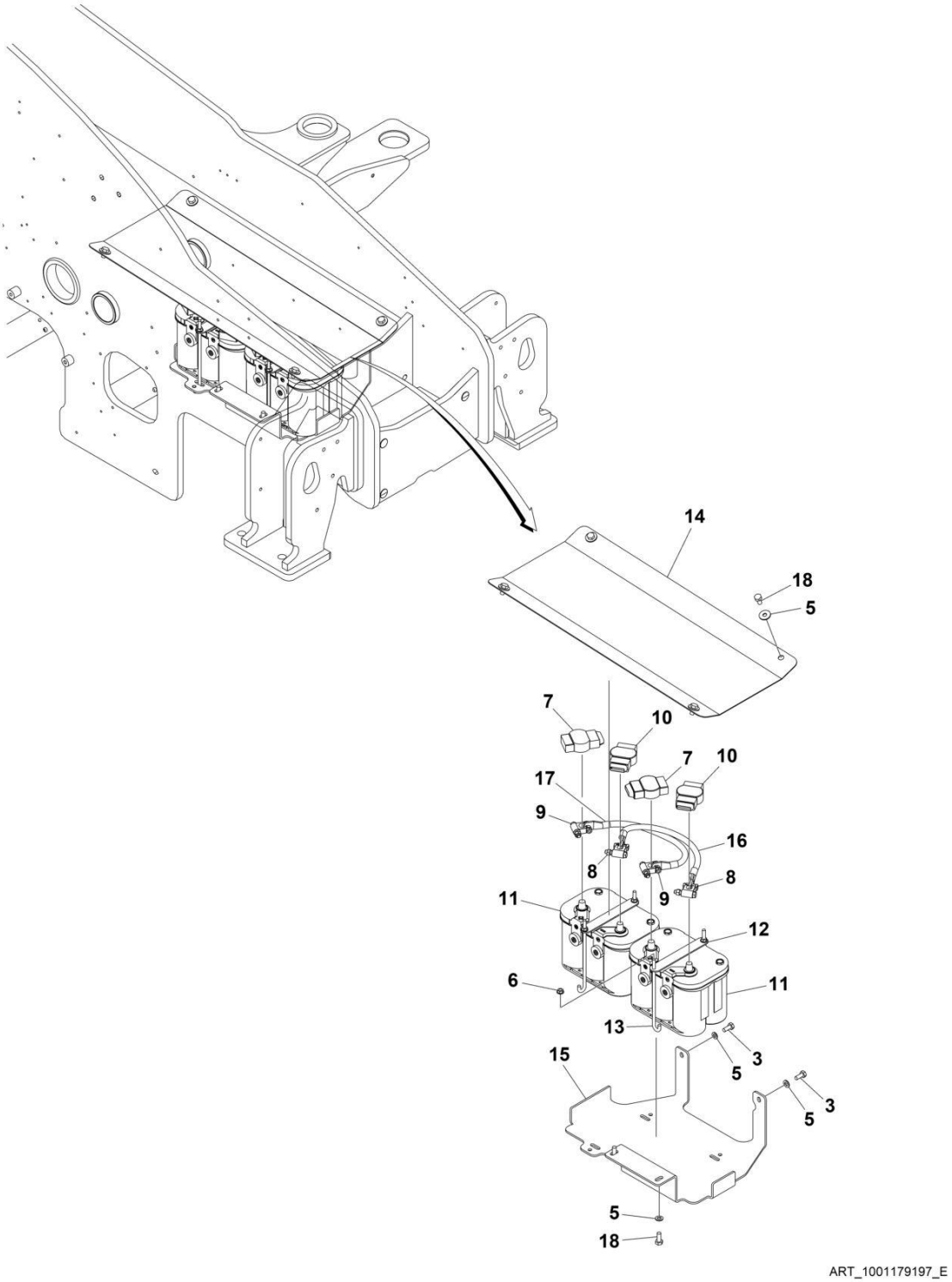


FIGURE 10-3. BATTERY INSTALLATION (DUAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179197	Ref	BATTERY INSTALLATION (DUAL)	E
3	0761012	2	Bolt M10 x 25	
5	4812002	8	Washer M10	
6	5220800	4	Nut M8	
7	7301893	2	Insulator, Battery Terminal	
8	8270147	2	Clamp	
9	8270148	2	Clamp	
10	1001145300	2	Insulator, Battery Terminal	
11	1001167212	2	Battery	
12	1001179585	2	Bracket	
13	1001179586	4	Bolt	
14	1001179221J	1	Cover	
15	1001230622	1	Tray	
16	1001189339	1	Cable	
17	1001189338	1	Cable	
18	0761009	6	Bolt M10 x 18	
19	1001208037	1	Seal (Not Shown)	

FIGURE 10-4. BEACON/STROBE INSTALLATION

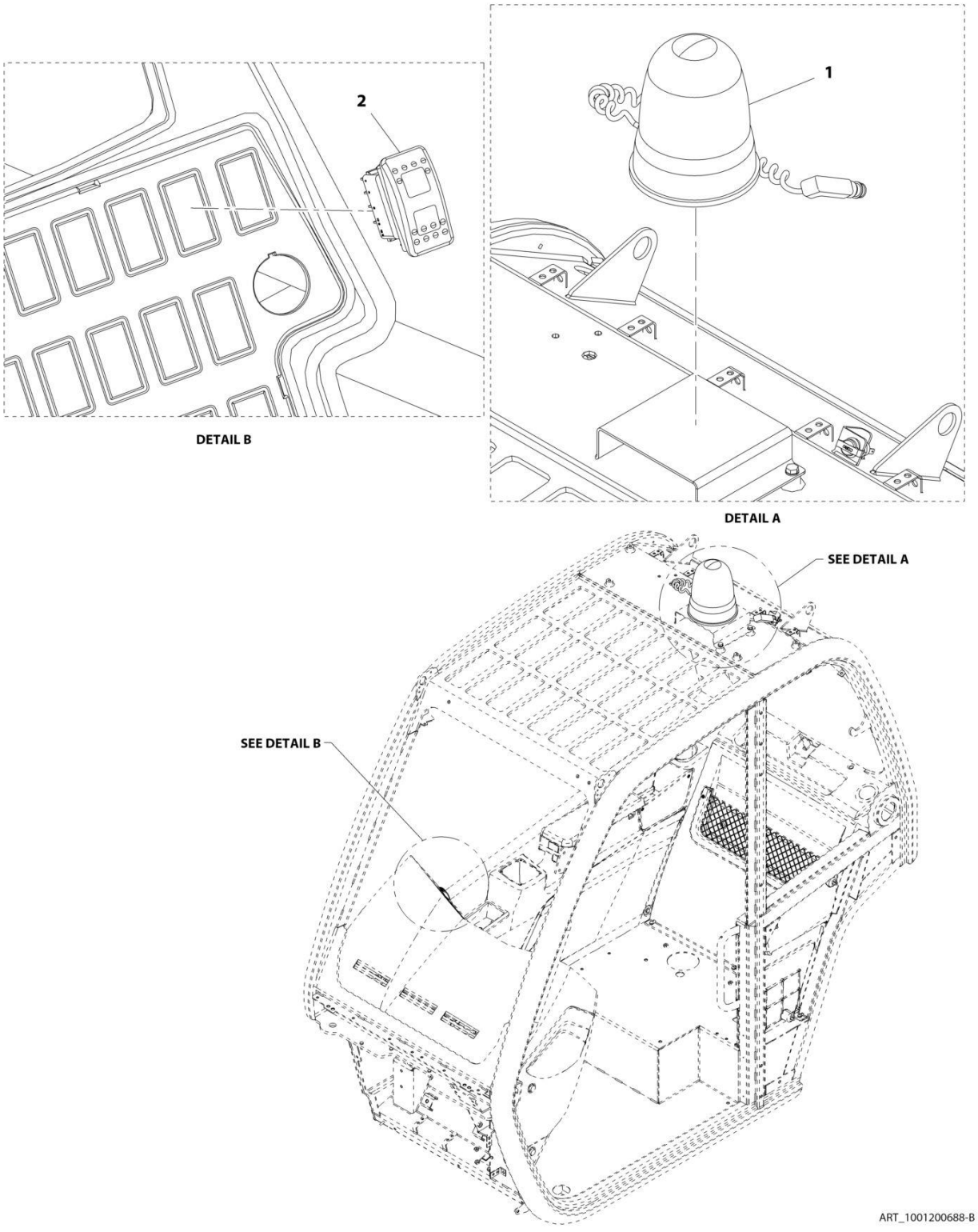
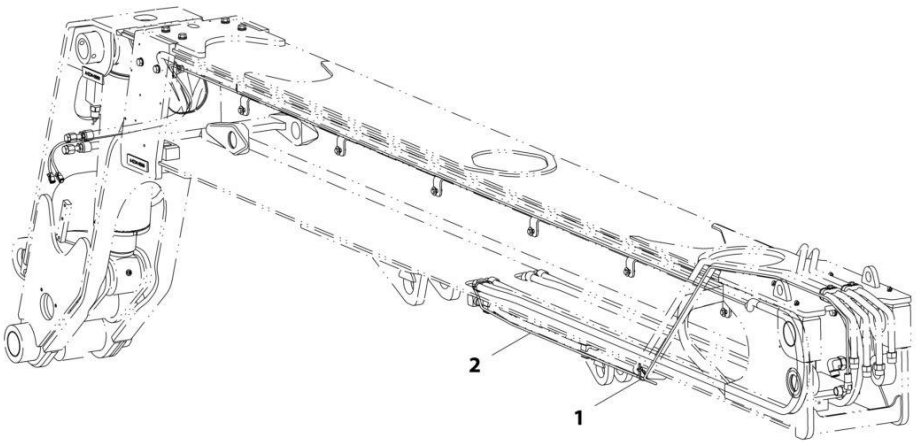


FIGURE 10-4. BEACON/STROBE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200688	Ref	BEACON LIGHT INSTALLATION	B
1	1001217623	1	Light, Warning	
2	1001159738	1	Switch, Beacon	

FIGURE 10-5. BOOM HARNESS INSTALLATION



ART_1001204078-C

FIGURE 10-5. BOOM HARNESS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185364	Ref	Boom Harness Installation	C
1	1001008923	AR	Strap, Cable	
2	1001184421	1	Harness, Boom (See Separate Breakdown in this Section)	

FIGURE 10-6. BOOM HARNESS

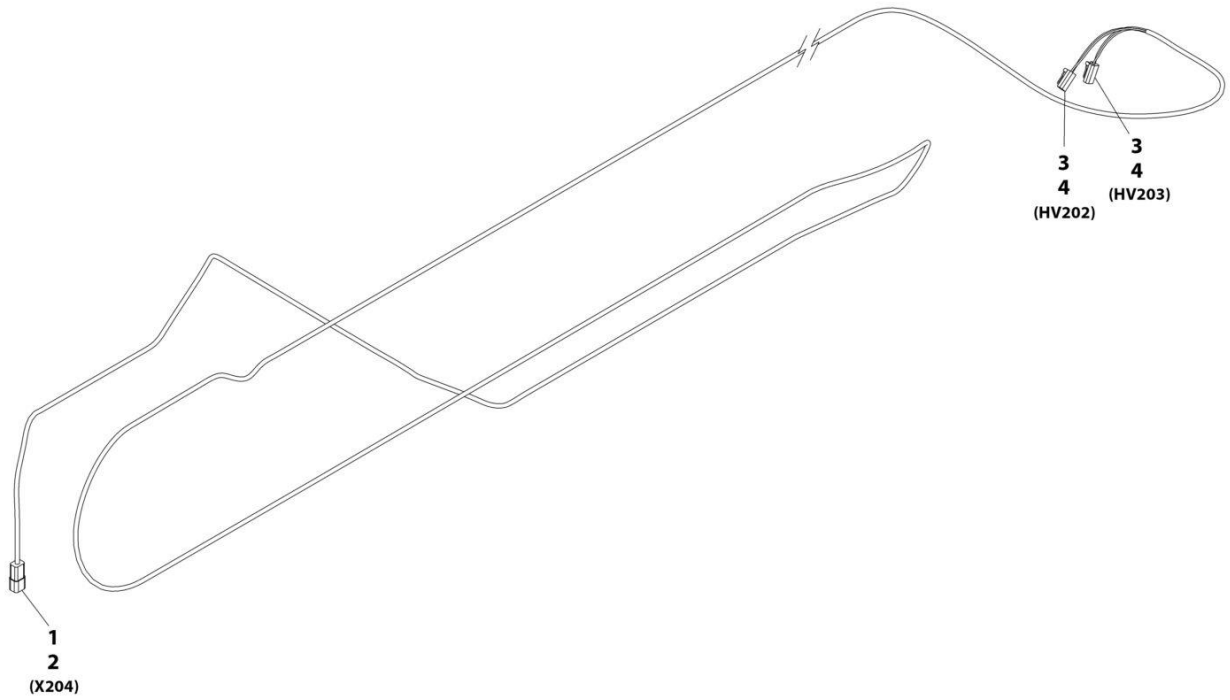


FIGURE 10-6. BOOM HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184421	Ref	Boom Harness	C
1	4460932	1	Connector	
2	80604018	1	Lock, Connector	
3	4460891	2	Connector	
4	80604018	2	Lock, Connector	

FIGURE 10-7. BOOM ANGLE SENSOR INSTALLATION

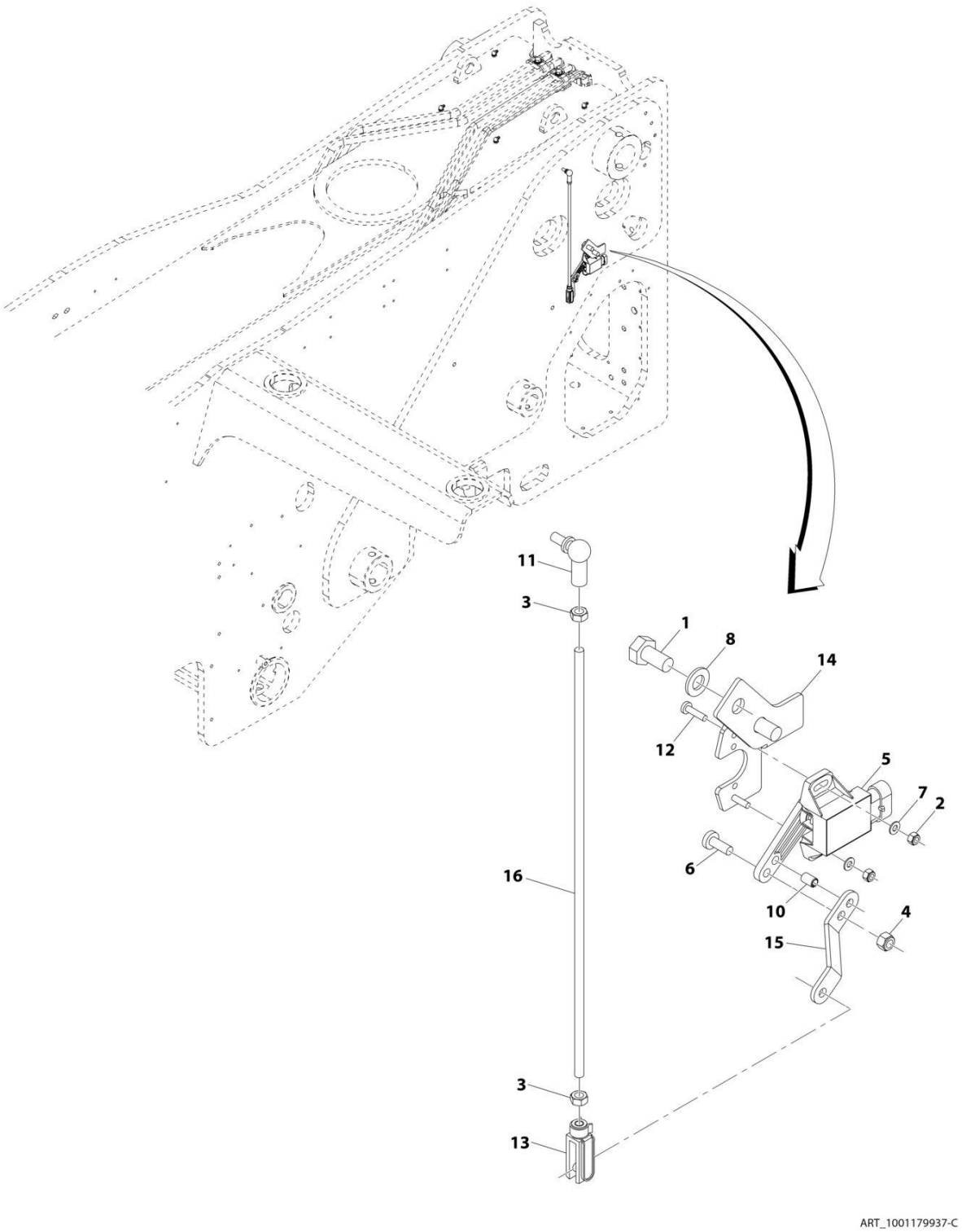
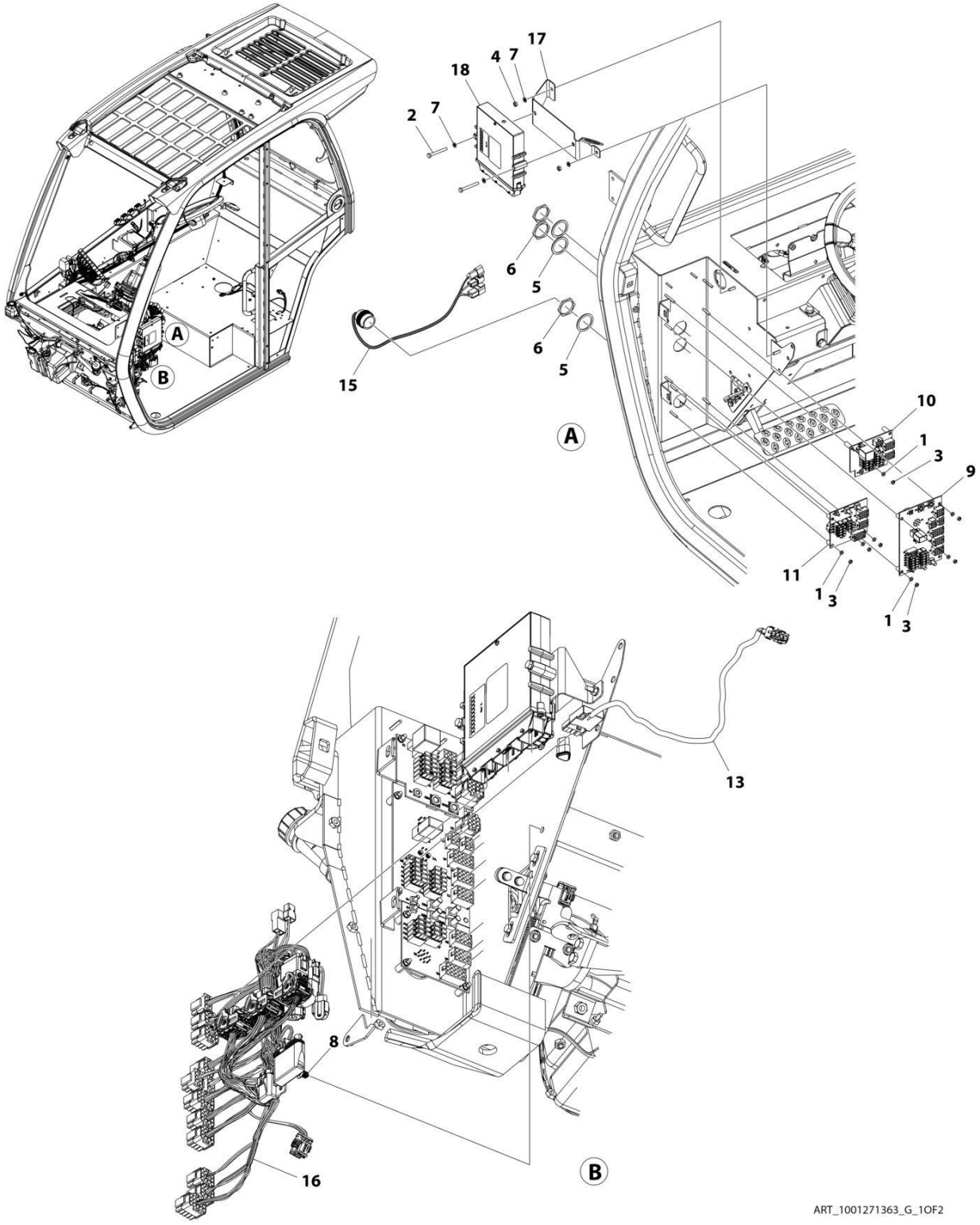
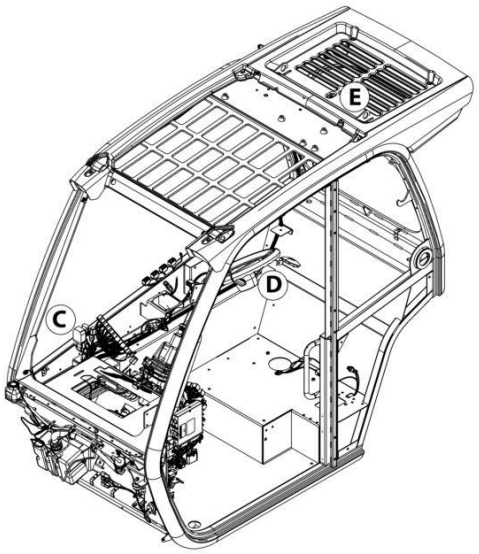


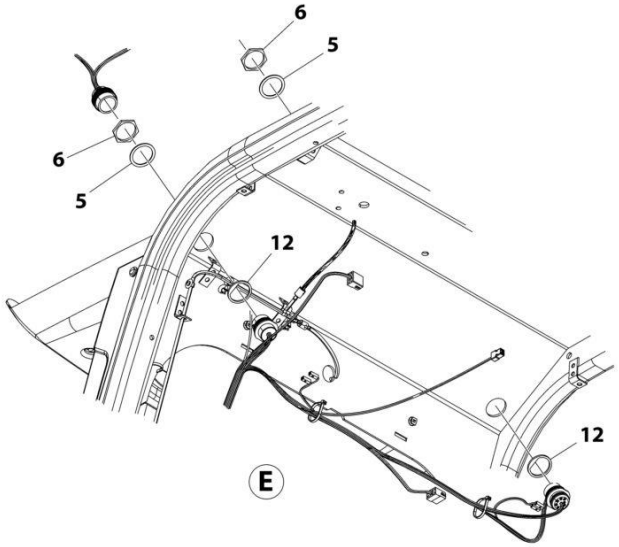
FIGURE 10-7. BOOM ANGLE SENSOR INSTALLATION

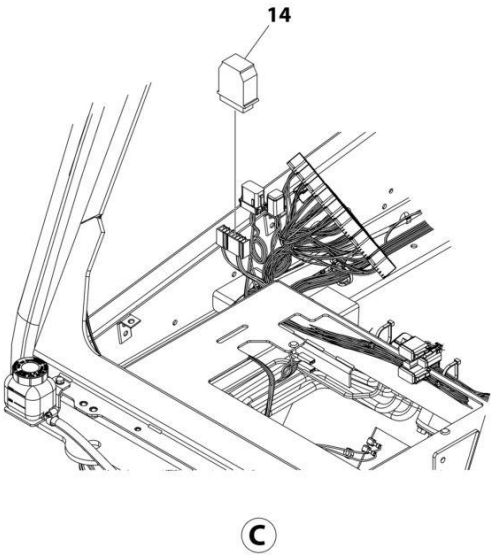
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179937	Ref	BOOM ANGLE SENSOR INSTALLATION	D
1	0761010	2	Bolt M10 x 20	
2	3290405	2	Nut, Lock M4 x 0.7	
3	3290601	2	Nut M6 x 1	
4	3290605	1	Nut, Lock M6 x 1	
	1001278028	1	Sensor, Boom Angle	
6	4010608	1	Screw M6 x 16	
7	4811400	2	Washer M4	
8	4812000	2	Washer M10	
10	1001103156	1	Pin	
11	1001103300	1	Ball, Joint	
12	1001126837	2	Screw M4 x 16	
13	1001134274	1	Clevis	
14	1001187851	1	Bracket	
15	1001187852	1	Link	
16	1001187853	1	Rod	

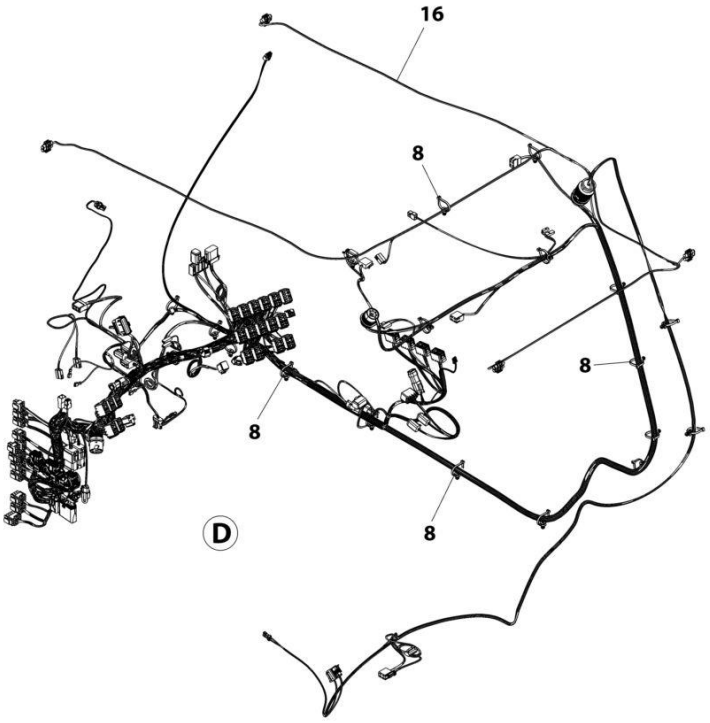
FIGURE 10-8. CAB ELECTRICAL INSTALLATION











ART_1001271363_G_2OF2

FIGURE 10-8. CAB ELECTRICAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001271363	Ref	CAB ELECTRICAL INSTALLATION	G
1	120034	7	Washer, Plastic	
2	0700618	2	Bolt M6 x 50	
3	3290501	7	Nut M5	
4	3290601	2	Nut M6	
5	4460496	5	Washer, Terminal Lock	
6	4460497	5	Nut, Terminal	
7	4811700	4	Washer M6	
8	1001146588	23	Strap, Cable Tie	
9	1001161769	1	Assembly, Standard Electrical Board (See Separate Breakdown in this Section)	
10	1001161770	1	Assembly, Option 1 Electrical Board (See Separate Breakdown in this Section)	
11	1001161771	1	Assembly, Option 2 Electrical Board (See Separate Breakdown in this Section)	
12	1001211693	2	Seal	
13	1001213988	1	Cable, Communication Analyzer	
14	1001214281	1	Module, Wipers	
15	1001265358	1	Harness, Cab Option LBP (See Separate Breakdown in this Section)	
16	1001301486	1	Harness, Cab (See Separate Breakdown in this Section)	
17	1001270180	1	Bracket	
18	1001270466	1	Module, Cab Control	

FIGURE 10-9. CAB HARNESS

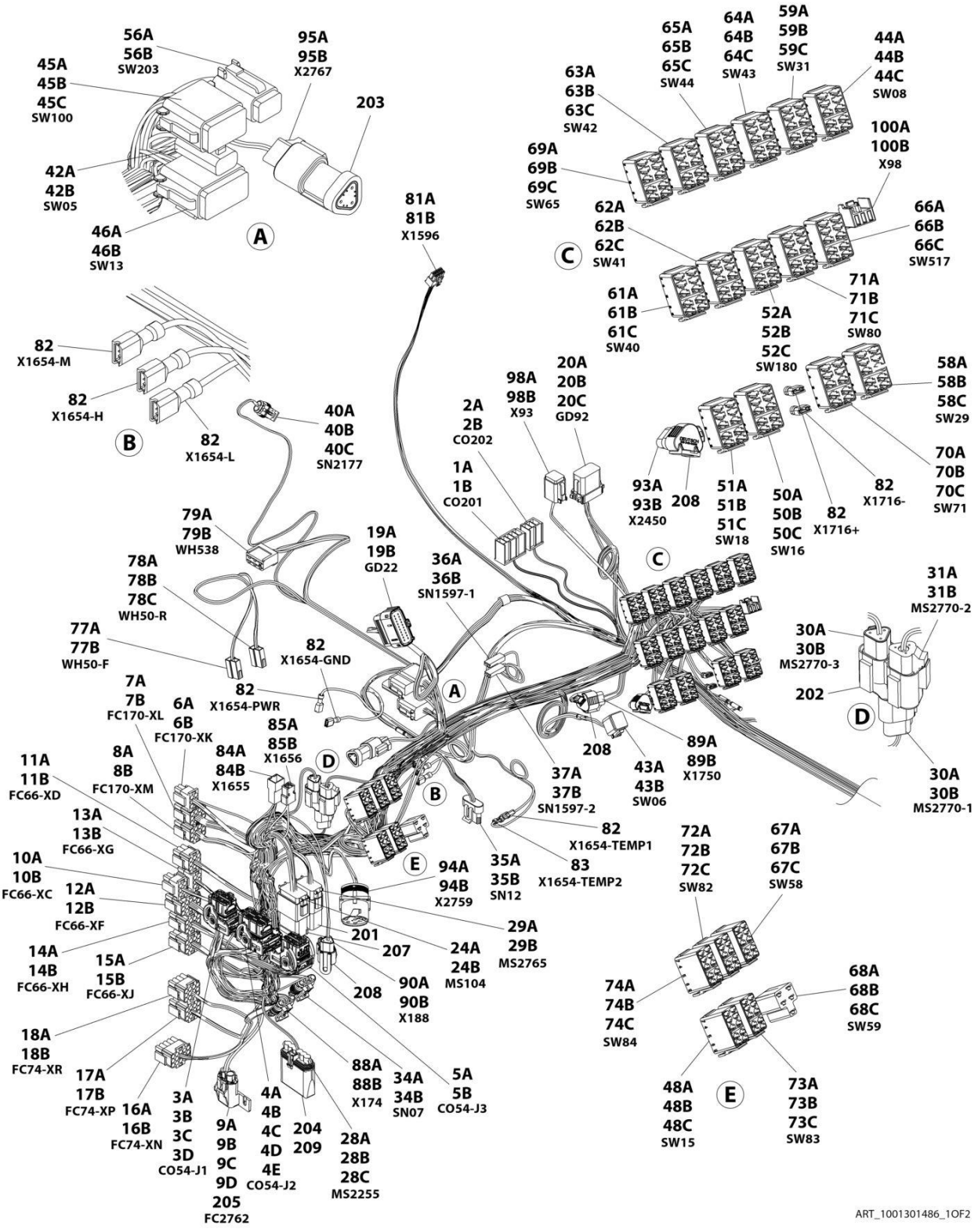


FIGURE 10-10. CAB HARNESS

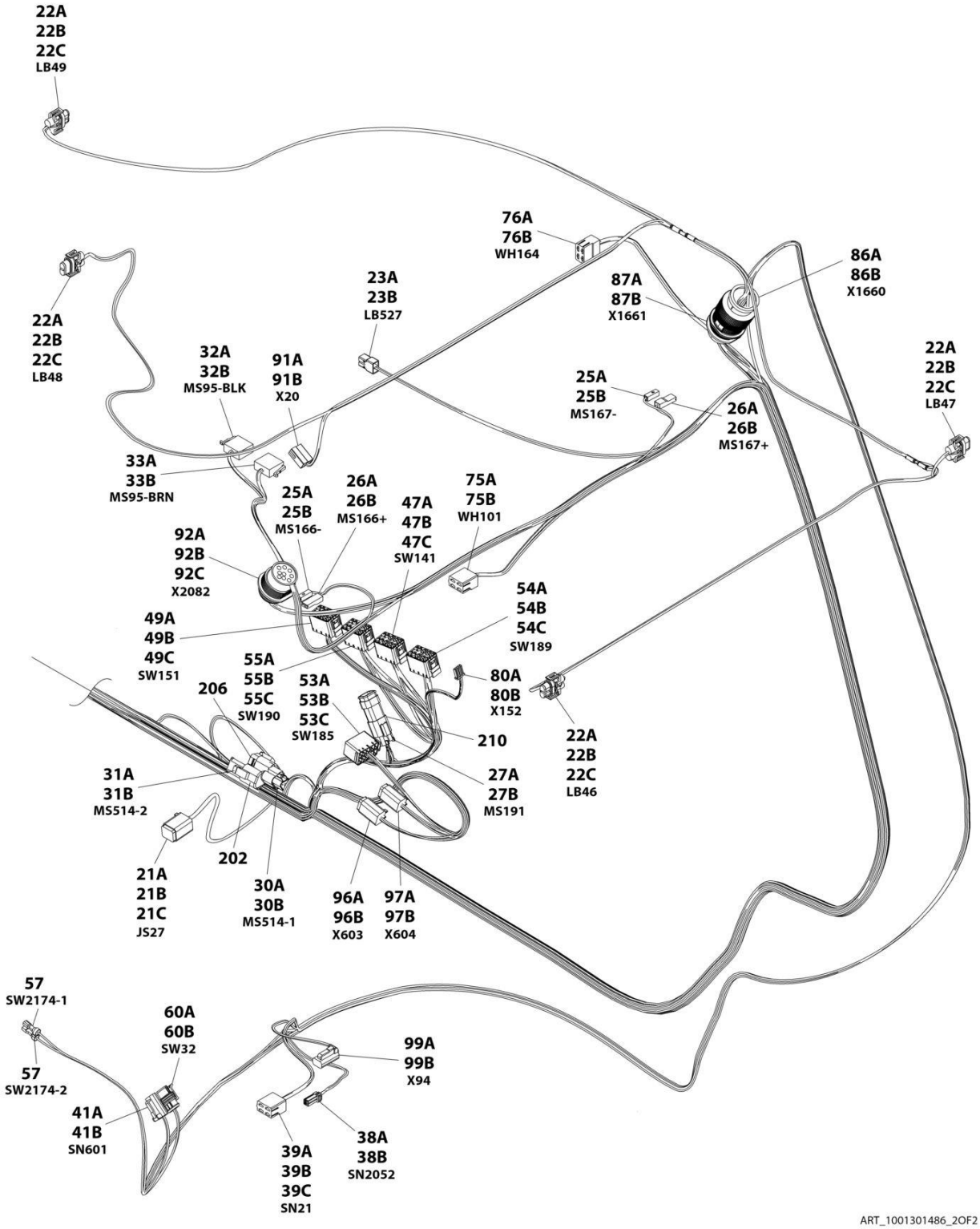


FIGURE 10-10. CAB HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001301486	Ref	CAB HARNESS	A
1A	1001214686	1	Connector 5 Position	
1B	1001116753	4	Terminal	
2A	1001214687	1	Connector 3 Position	
2B	1001116753	3	Terminal	
3A	1001160498	1	Connector 32 Position	
3B	1001161095	24	Terminal	
3C	1001161098	6	Terminal	
3D	1001161099	1	Terminal	
4A	1001160502	1	Connector 48 Position	
4B	1001161095	23	Terminal	
4C	1001161098	5	Terminal	
4D	1001161099	1	Terminal	
4E	1001161097	1	Terminal	
5A	1001161959	1	Connector 32 Position	
5B	1001161095	30	Terminal	
6A	4460225	1	Connector 6 Position	
6B	4460267	6	Terminal	
7A	4460343	1	Connector 12 Position	
7B	4460268	10	Terminal	
8A	4460343	1	Connector 12 Position	
8B	4460267	7	Terminal	
9A	1001231397	1	Connector 2 Position	
9B	1001231399	1	Terminal	
9C	1001231400	1	Terminal	
9D	1001231404	2	Seal	
10A	4460225	1	Connector 6 Position	
10B	4460267	3	Terminal	
11A	4460265	1	Connector 9 Position	
11B	4460268	6	Terminal	
12A	4460434	1	Connector 15 Position	
12B	4460268	15	Terminal	
13A	4460225	1	Connector 6 Position	
13B	4460268	5	Terminal	
14A	4460343	1	Connector 12 Position	
14B	4460268	9	Terminal	
15A	4460343	1	Connector 12 Position	
15B	4460267	10	Terminal	
16A	4460434	1	Connector 15 Position	
16B	4460268	7	Terminal	
17A	4460343	1	Connector 12 Position	
17B	4460268	6	Terminal	
18A	4460343	1	Connector 12 Position	
18B	4460267	4	Terminal	
19A	1001162886	1	Connector 20 Position	
19B	1001162887	7	Terminal	
20A	1001176333	1	Connector 18 Position	
20B	4460944	4	Terminal	
20C	4460465	3	Terminal	
21A	4460894	1	Connector 6 Position	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
21B	4460944	2	Terminal	
21C	4460465	3	Terminal	
22A	4461115	4	Connector 2 Position	
22B	1001116728	8	Terminal	
22C	4460458	8	Seal	
23A	1001116991	1	Connector 2 Position	
23B	1001118384	1	Terminal	
24A	4460933	1	Connector 12 Position	
24B	4460465	12	Terminal	
25A	1001116998	2	Connector 1 Position	
25B	1001118387	2	Terminal	
26A	1001116995	2	Connector 1 Position	
26B	1001118387	2	Terminal	
27A	4460884	1	Connector 4 Position	
27B	4460465	4	Terminal	
28A	4460744	1	Connector 4 Position	
28B	4460746	4	Terminal	
28C	4460458	4	Seal	
29A	4460930	1	Connector 8 Position	
29B	4460465	8	Terminal	
30A	1001116812	3	Connector 3 Position	
30B	4460944	6	Terminal	
31A	4460539	2	Connector 3 Position	
31B	4460944	4	Terminal	
32A	1001116985	1	Connector 8 Position	
32B	1001118386	3	Terminal	
33A	1001116984	1	Connector 8 Position	
33B	1001118386	4	Terminal	
34A	1001103012	1	Connector 4 Position	
34B	1001116697	2	Terminal	
35A	1001117064	1	Connector 6 Position	
35B	1001116748	6	Terminal	
36A	1001116995	1	Connector 1 Position	
36B	1001236622	1	Terminal	
37A	1001116995	1	Connector 1 Position	
37B	1001118379	2	Terminal	
38A	1001264844	1	Connector 2 Position	
38B	1001264861	1	Terminal	
39A	1001116986	1	Connector 4 Position	
39B	1001118384	2	Terminal	
39C	1001116723	2	Terminal	
40A	4461118	1	Connector 2 Position	
40B	1001107854	2	Terminal	
40C	1001104498	2	Seal	
41A	4460891	1	Connector 2 Position	
41B	4460465	2	Terminal	
42A	4460897	1	Connector	
42B	4460464	1	Terminal	
43A	4460894	1	Connector 6 Position	
43B	4460465	3	Terminal	
44A	1001117079	1	Connector 10 Position	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
44B	1001116723	6	Terminal	
44C	1001118384	2	Terminal	
45A	4460836	1	Connector 12 Position	
45B	4460465	8	Terminal	
45C	4460942	3	Terminal	
46A	4460933	1	Connector 12 Position	
46B	4460465	9	Terminal	
47A	1001117081	1	Connector 10 Position	
47B	1001118384	1	Terminal	
47C	1001116723	6	Terminal	
48A	1001117081	1	Connector 10 Position	
48B	1001118384	1	Terminal	
48C	1001116723	6	Terminal	
49A	1001117081	1	Connector 10 Position	
49B	1001118384	1	Terminal	
49C	1001116723	10	Terminal	
50A	1001117081	1	Connector 10 Position	
50B	1001118384	1	Terminal	
50C	1001116723	6	Terminal	
51A	1001117081	1	Connector 10 Position	
51B	1001118384	5	Terminal	
51C	1001116723	6	Terminal	
52A	1001117081	1	Connector 10 Position	
52B	1001118384	3	Terminal	
52C	1001116723	4	Terminal	
53A	1001117081	1	Connector 10 Position	
53B	1001118384	4	Terminal	
53C	1001116723	2	Terminal	
54A	1001117081	1	Connector 10 Position	
54B	1001118384	1	Terminal	
54C	1001116723	6	Terminal	
55A	1001117081	1	Connector 10 Position	
55B	1001118384	1	Terminal	
55C	1001116723	6	Terminal	
56A	4460884	1	Connector 4 Position	
56B	4460942	2	Terminal	
57	8220108	2	Terminal	
58A	1001117081	1	Connector 10 Position	
58B	1001118384	1	Terminal	
58C	1001116723	10	Terminal	
59A	1001117081	1	Connector 10 Position	
59B	1001118384	7	Terminal	
59C	1001223455	1	Terminal	
60A	4461262	1	Connector 3 Position	
60B	1001107854	2	Terminal	
61A	1001117081	1	Connector 10 Position	
61B	1001118384	4	Terminal	
61C	1001116723	6	Terminal	
62A	1001117081	1	Connector 10 Position	
62B	1001118384	3	Terminal	
62C	1001116723	4	Terminal	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
63A	1001117081	1	Connector 10 Position	
63B	1001118384	2	Terminal	
63C	1001116723	4	Terminal	
64A	1001117081	1	Connector 10 Position	
64B	1001118384	2	Terminal	
64C	1001116723	4	Terminal	
65A	1001117081	1	Connector 10 Position	
65B	1001118384	2	Terminal	
65C	1001116723	4	Terminal	
66A	1001117081	1	Connector 10 Position	
66B	1001118384	1	Terminal	
66C	1001116723	6	Terminal	
67A	1001117081	1	Connector 10 Position	
67B	1001118384	2	Terminal	
67C	1001116723	4	Terminal	
68A	1001173411	1	Connector 5 Position	
68B	1001104519	5	Terminal	
68C	1001116716	2	Terminal	
69A	1001117081	1	Connector 10 Position	
69B	1001118384	1	Terminal	
69C	1001116723	6	Terminal	
70A	1001117081	1	Connector 10 Position	
70B	1001118384	2	Terminal	
70C	1001116723	8	Terminal	
71A	1001117081	1	Connector 10 Position	
71B	1001118384	1	Terminal	
71C	1001116723	6	Terminal	
72A	1001117081	1	Connector 10 Position	
72B	1001118384	1	Terminal	
72C	1001116723	6	Terminal	
73A	1001117081	1	Connector 10 Position	
73B	1001118384	1	Terminal	
73C	1001116723	6	Terminal	
74A	1001117081	1	Connector 10 Position	
74B	1001118384	1	Terminal	
74C	1001116723	6	Terminal	
75A	1001116986	1	Connector 4 Position	
75B	1001118384	4	Terminal	
76A	1001116986	1	Connector 4 Position	
76B	1001118384	4	Terminal	
77A	4460994	1	Connector 2 Position	
77B	1001118384	2	Terminal	
78A	4460994	1	Connector 2 Position	
78B	1001118384	1	Terminal	
78C	1001116723	2	Terminal	
79A	1001116997	1	Connector 6 Position	
79B	1001118384	5	Terminal	
80A	1001184473	1	Connector 4 Position	
80B	1001184479	3	Terminal	
81A	1001150735	1	Connector 10 Position	
81B	1001150737	7	Terminal	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
82	8220051	8	Terminal	
83	1001194421	1	Terminal	
84A	1001116999	1	Connector 1 Position	
84B	1001116700	4	Terminal	
85A	1001116991	1	Connector 2 Position	
85B	1001118384	2	Terminal	
86A	1001136999	1	Connector 1 Position	
86B	1001126011	16	Terminal	
87A	1001137000	1	Connector 21 Position	
87B	1001126008	16	Terminal	
88A	4461262	1	Connector 3 Position	
88B	1001107854	3	Terminal	
89A	4460539	1	Connector 3 Position	
89B	4460465	3	Terminal	
90A	1001116812	1	Connector 3 Position	
90B	4460944	2	Terminal	
91A	4460994	1	Connector 2 Position	
91B	1001118384	2	Terminal	
92A	1001112612	1	Connector 9 Position	
92B	4460943	2	Terminal	
92C	4460464	7	Terminal	
93A	4460539	1	Connector 3 Position	
93B	4460465	3	Terminal	
94A	1001112612	1	Connector 9 Position	
94B	4460464	6	Terminal	
95A	4461095	1	Connector 3 Position	
95B	4460465	2	Terminal	
96A	4460884	1	Connector 4 Position	
96B	4460465	4	Terminal	
97A	4460884	1	Connector 4 Position	
97B	4460465	4	Terminal	
98A	4460930	1	Connector 8 Position	
98B	4460465	2	Terminal	
99A	4460891	1	Connector 2 Position	
99B	4460465	2	Terminal	
100A	1001118684	1	Connector 3 Position	
100B	1001116754	2	Terminal	
201	4460984	1	Connector 8 Position	
202	4460945	2	Connector Tee	
203	4461070	1	Connector 3 Position Resistor	
204	8220375	1	Cap	
205	8229234	1	Fuse 10A	
206	1001116815	1	Connector 3 Position	
207	1001125677	1	Bussbar	
208	1001144296	3	Cap	
209	1001177597	2	Diode Asssembly	
210	1001201070	1	Connector 2 Position Resistor	

FIGURE 10-11. CAB STANDARD ELECTRICAL BOARD ASSEMBLY

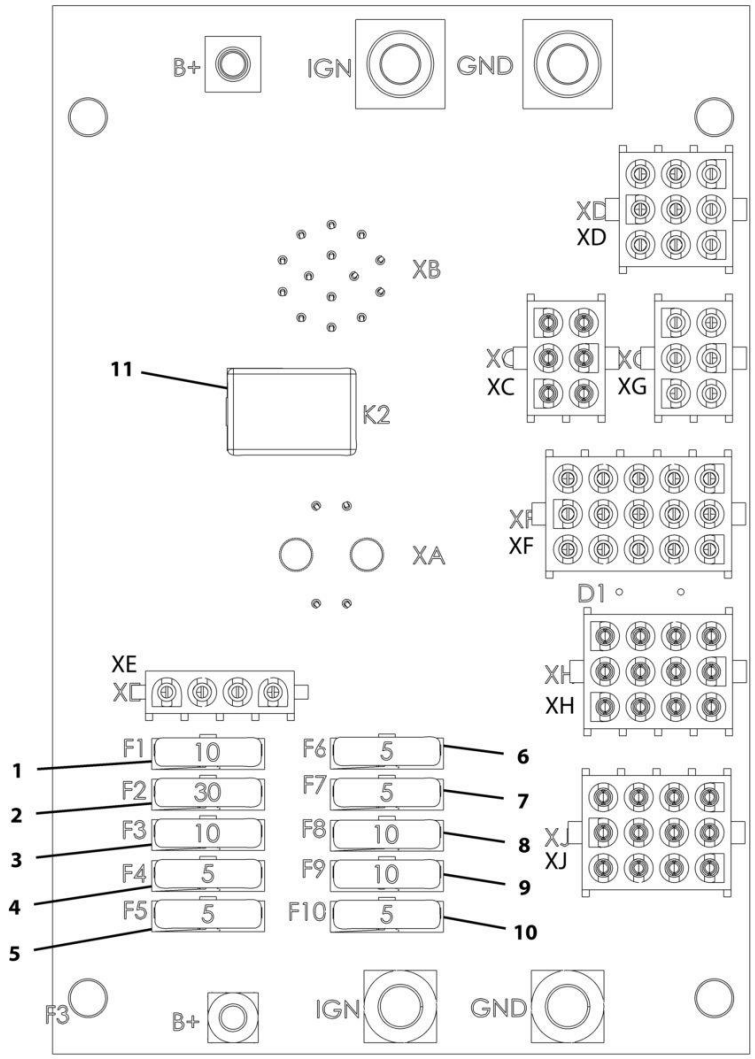
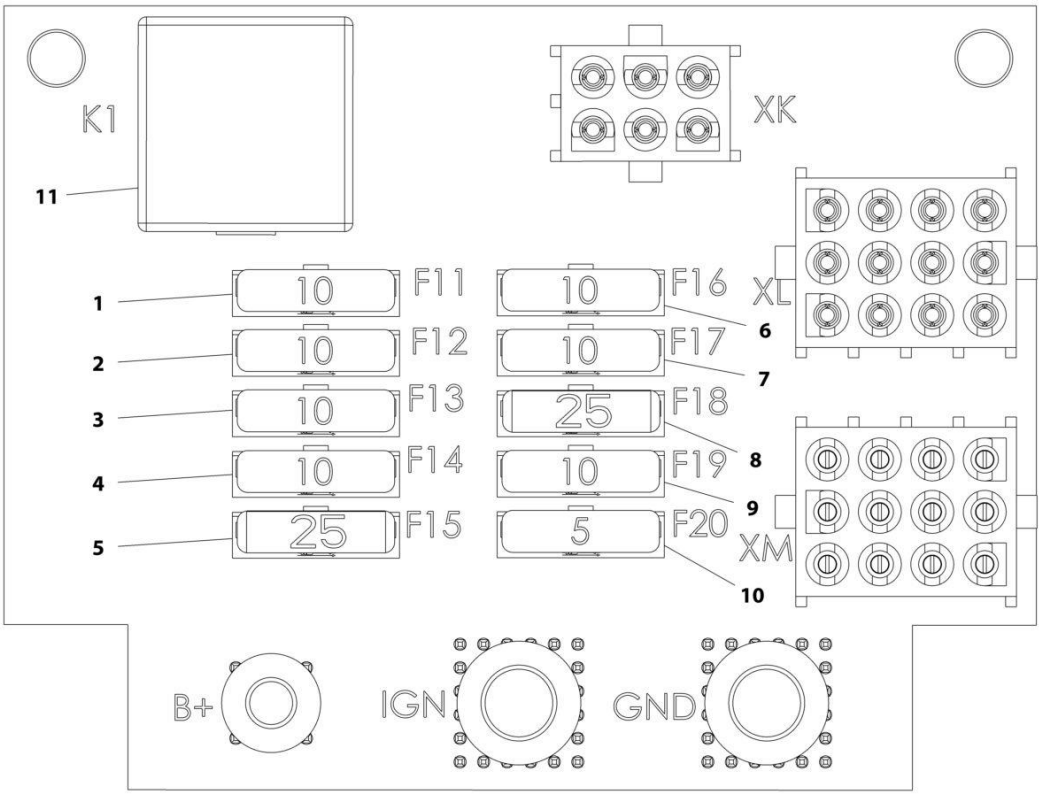


FIGURE 10-11. CAB STANDARD ELECTRICAL BOARD ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161769	Ref	Standard Electrical Board Assembly	C
1	80983191	1	Fuse, 10AMP	
2	8229245	1	Fuse, 30AMP	
3	80983191	1	Fuse, 10AMP	
4	8229242	1	Fuse, 5AMP	
5	8229242	1	Fuse, 5AMP	
6	8229242	1	Fuse, 5AMP	
7	8229242	1	Fuse, 5AMP	
8	80983191	1	Fuse, 10AMP	
9	80983191	1	Fuse, 10AMP	
10	8229242	1	Fuse, 5AMP	
11	70026292	1	Fuse, 35AMP	

FIGURE 10-12. CAB OPTION 1 ELECTRICAL BOARD ASSEMBLY

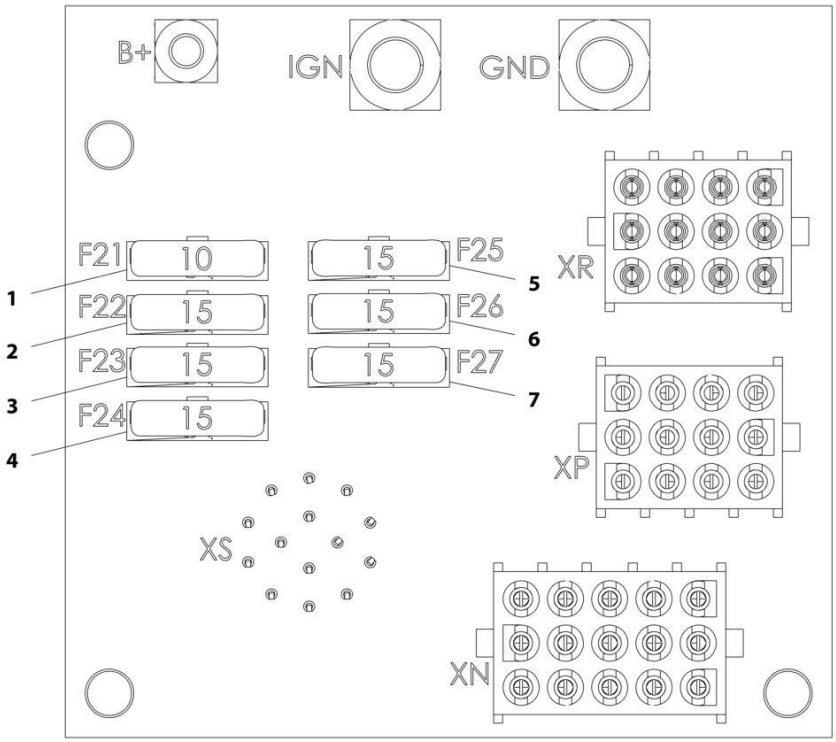


ART_1001161770-C

FIGURE 10-12. CAB OPTION 1 ELECTRICAL BOARD ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161770	Ref	Option 1 Electrical Board Assembly	C
1	80983191	1	Fuse, 10AMP	
2	80983191	1	Fuse, 10AMP	
3	80983191	1	Fuse, 10AMP	
4	80983191	1	Fuse, 10AMP	
5	8229247	1	Fuse, 25AMP	
6	80983191	1	Fuse, 10AMP	
7	80983191	1	Fuse, 10AMP	
8	8229247	1	Fuse, 25AMP	
9	80983191	1	Fuse, 10AMP	
10	8229242	1	Fuse, 5AMP	
11	70026293	1	Fuse, 50AMP	

FIGURE 10-13. CAB OPTION 2 ELECTRICAL BOARD ASSEMBLY



ART_1001161771-B

FIGURE 10-13. CAB OPTION 2 ELECTRICAL BOARD ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161771	Ref	Option 2 Electrical Board Assembly	B
1	80983191	1	Fuse, 10AMP	
2	8229244	1	Fuse, 15AMP	
3	8229244	1	Fuse, 15AMP	
4	8229244	1	Fuse, 15AMP	
5	8229244	1	Fuse, 15AMP	
6	8229244	1	Fuse, 15AMP	
7	8229244	1	Fuse, 15AMP	

FIGURE 10-14. CAB OPTION HARNESS

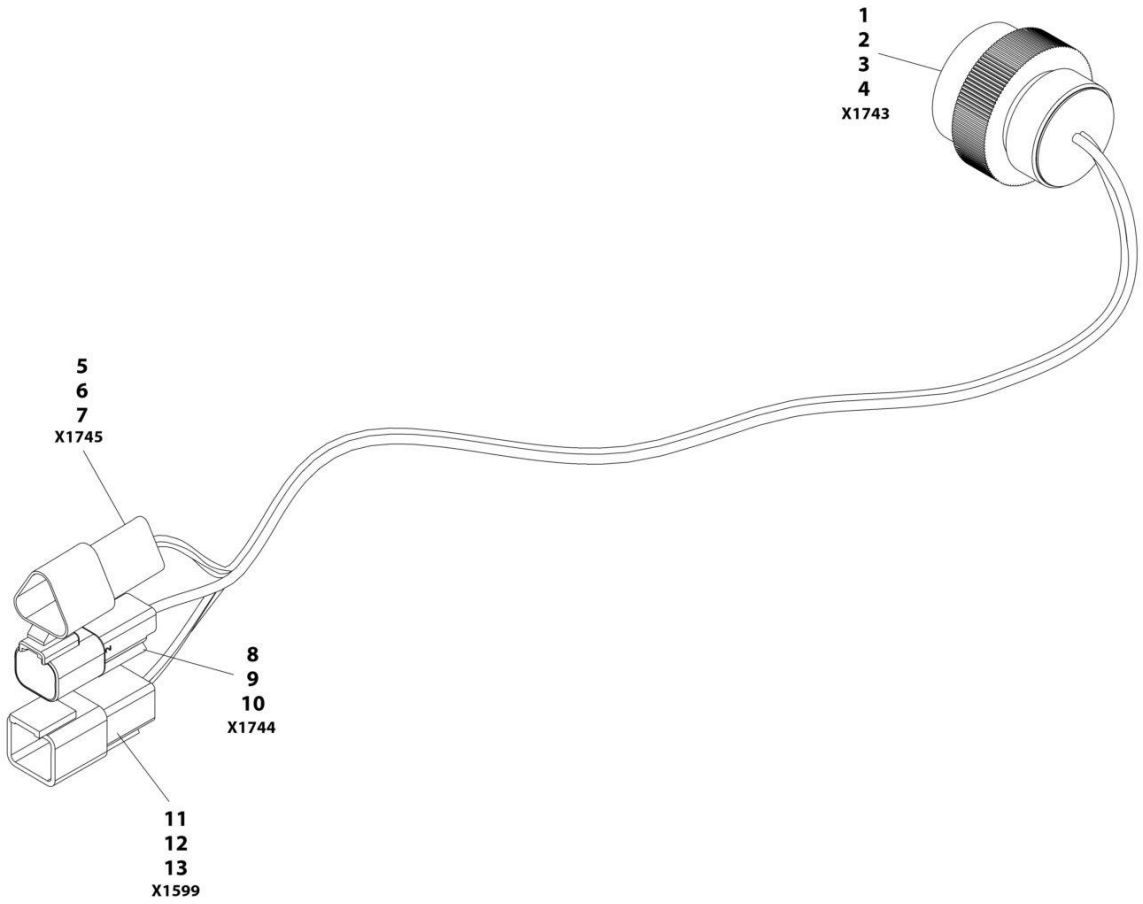


FIGURE 10-14. CAB OPTION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001265358	Ref	CAB OPTION HARNESS	A
1	4461015	1	Connector	
2	4460465	5	Terminal	
3	4460942	1	Terminal	
4	4460466	8	Plug	
5	1001144147	1	Connector	
6	4460943	2	Terminal	
7	4460466	1	Plug	
8	4460897	1	Connector	
9	4460941	1	Terminal	
10	4460466	1	Plug	
11	1001097051	1	Connector	
12	4460929	3	Terminal	
13	4460466	1	Plug	

FIGURE 10-15. DASH ELECTRICS INSTALLATION (ULS)

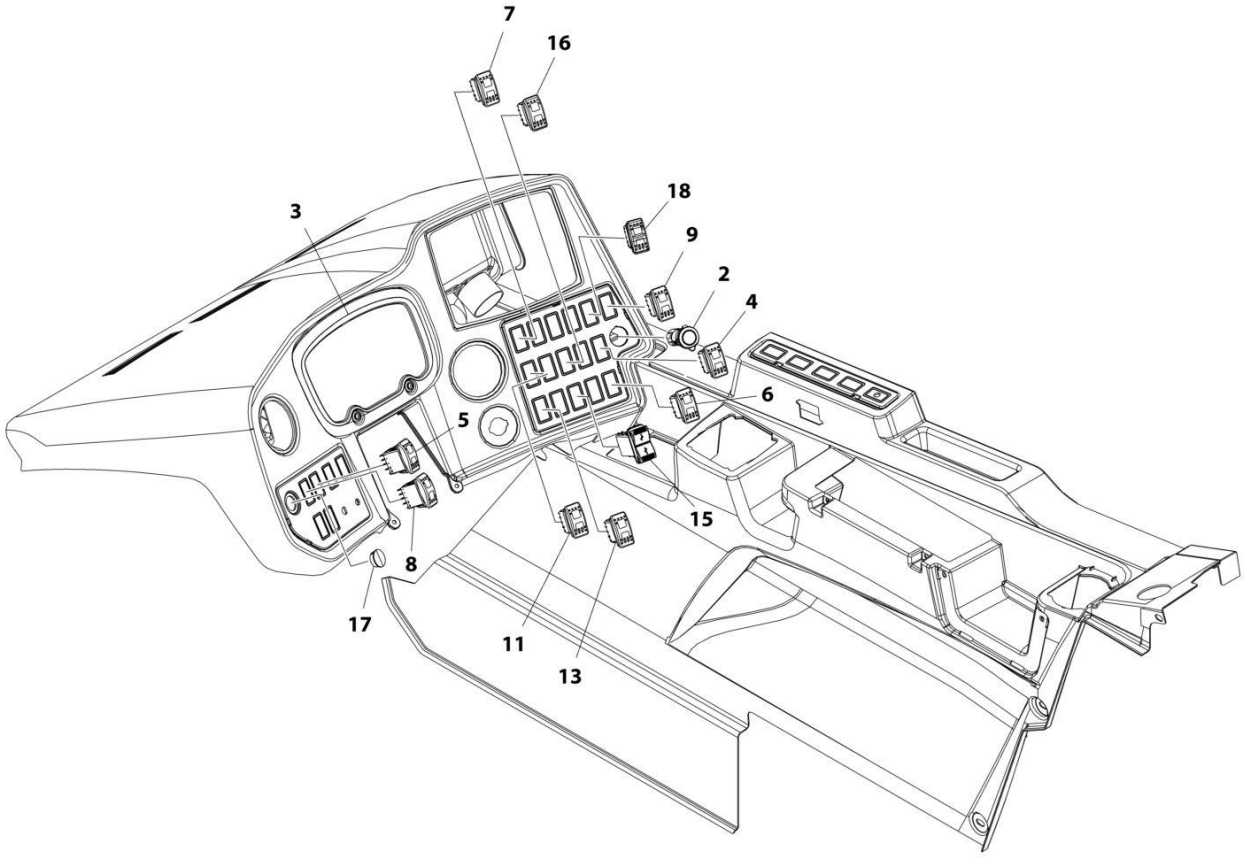


FIGURE 10-15. DASH ELECTRICS INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185809	Ref	DASH ELECTRICS INSTALLATION (ULS)	G
2	1001095804	1	Connector, 12V Power Socket	
3	1001158146	1	Cluster, Electrical Gauge	
4	1001104654	1	Switch, AUX Decomp	
5	1001159741	1	Switch, Constanst AUX	
6	1001163639	1	Switch, Driving Lights	
7	1001159737	1	Switch, Fog Lights	
8	1001189898	1	Switch, Framer/Loader	
9	1001159734	1	Switch, Hazard	
11	1001159735	1	Switch, Rear Wiper	
13	1001159849	1	Switch, Steer Mode	
15	1001174712	1	Switch, USB Charger	
16	1001159748	1	Switch, Bucket Mode	
17	1001190589	1	Plug, Blanking	
18	1001285715	1	Switch, Beacon	

FIGURE 10-16. DASH ELECTRICS INSTALLATION (LS)

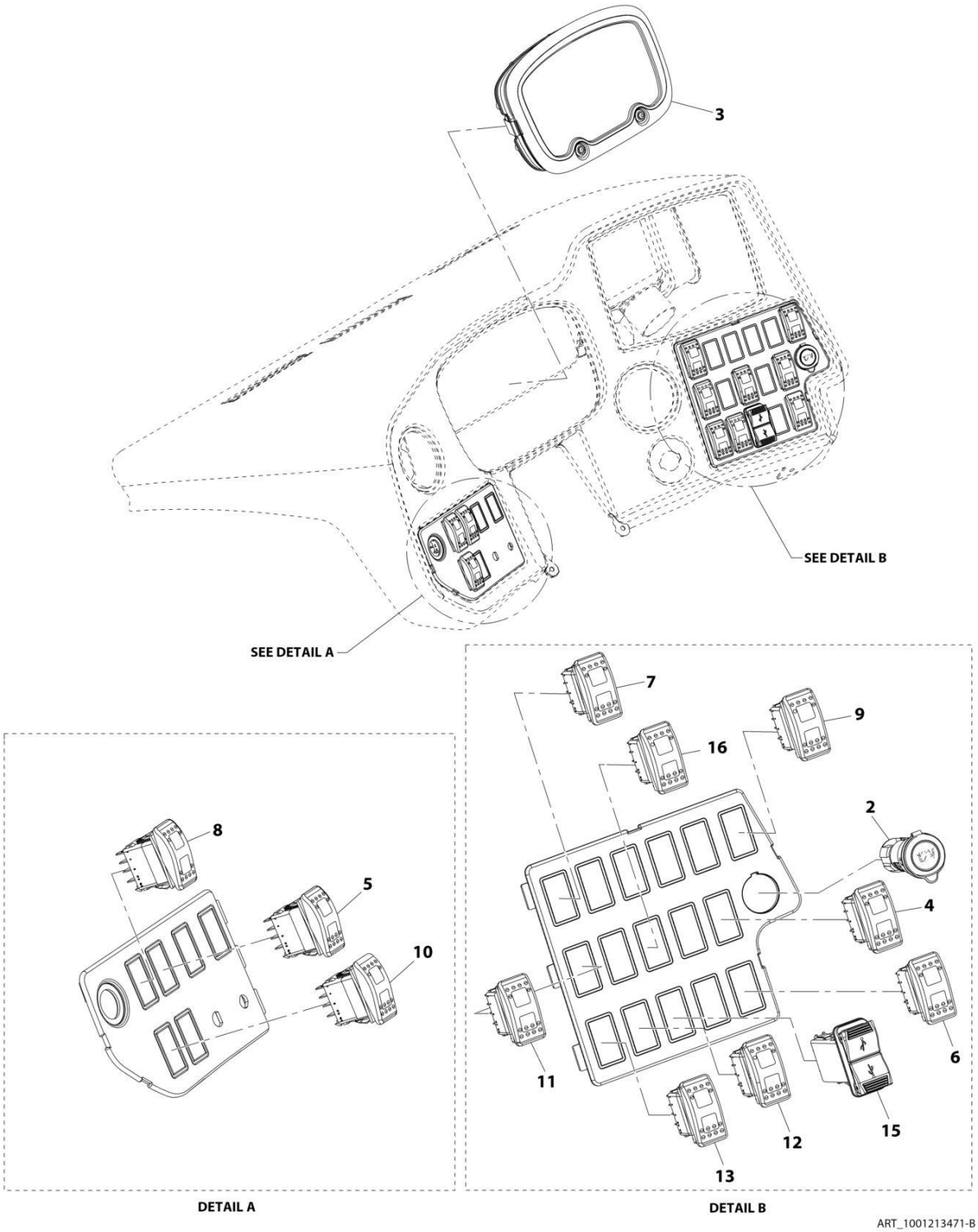


FIGURE 10-16. DASH ELECTRICS INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213471	Ref	Dash Electrics Installation (LS)	C
2	1001095804	1	Connector, 12V Power Socket	
3	1001202454	1	Gauge (LS)	
4	1001104654	1	Switch, AUX Decomp	
5	1001159741	1	Switch, Constanst AUX	
6	1001163639	1	Switch, Driving Lights	
7	1001159737	1	Switch, Fog Lights	
8	1001189898	1	Switch, Framer/Loader	
9	1001159734	1	Switch, Hazard	
10	1001159742	1	Switch, LSI Override	
11	1001159735	1	Switch, Rear Wiper	
12	1001159743	1	Switch, Road Use	
13	1001159849	1	Switch, Steer Mode	
15	1001174712	1	Switch, USB Charger	
16	1001159748	1	Switch, Bucket Mode	
17	1001285715	1	Switch, Beacon (Not Shown)	

FIGURE 10-17. CAB HEATER HARNESS INSTALLATION

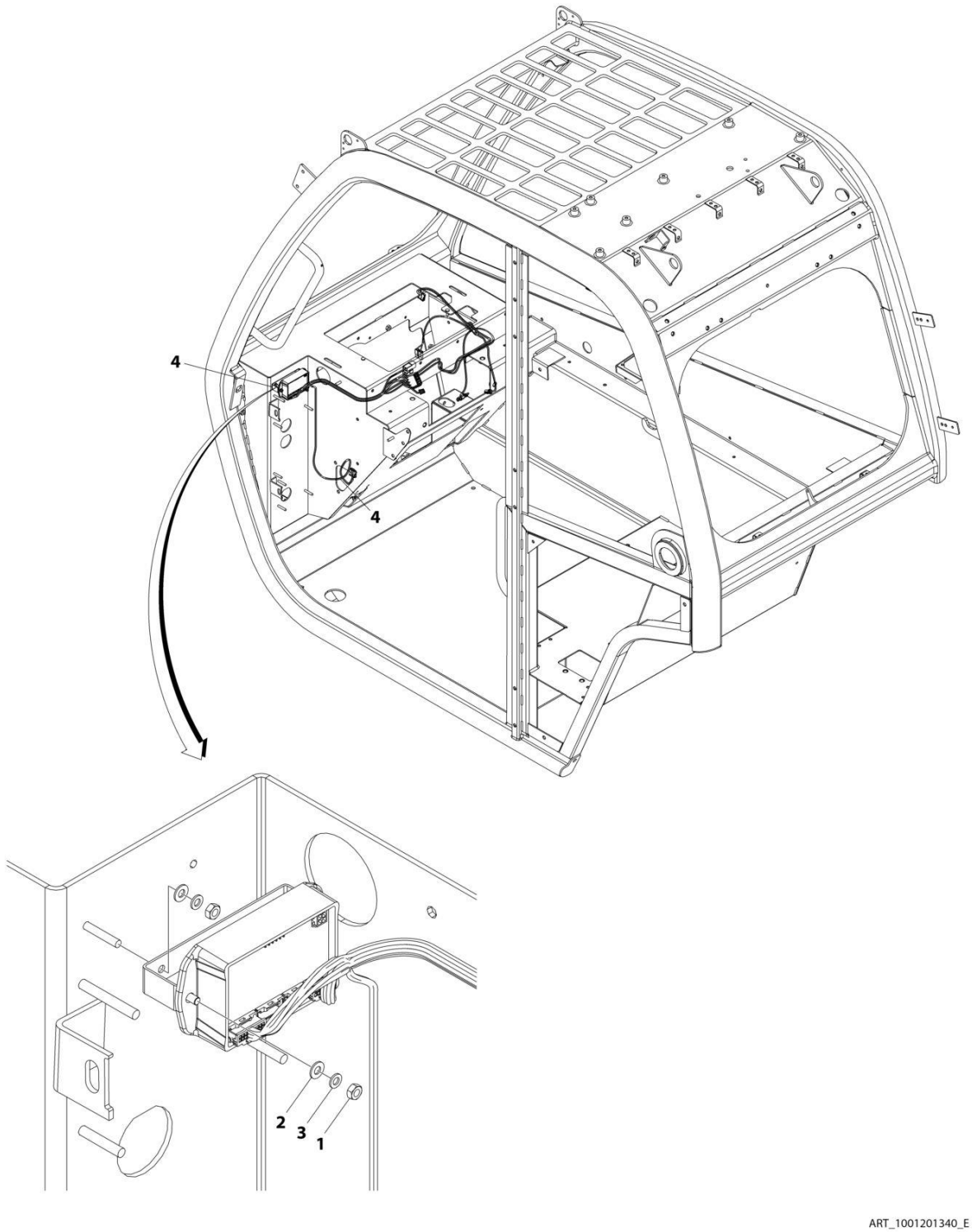


FIGURE 10-17. CAB HEATER HARNESS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201340	Ref	CAB HEATER HARNESS INSTALLATION	E
1	3290401	4	Nut M4	
2	4811400	4	Washer M4	
3	4831400	4	Washer, Lock M4	
4	1001271803	1	Harness, Cab Heater (See Separate Breakdown in this Section)	

FIGURE 10-18. CAB HEATER HARNESS

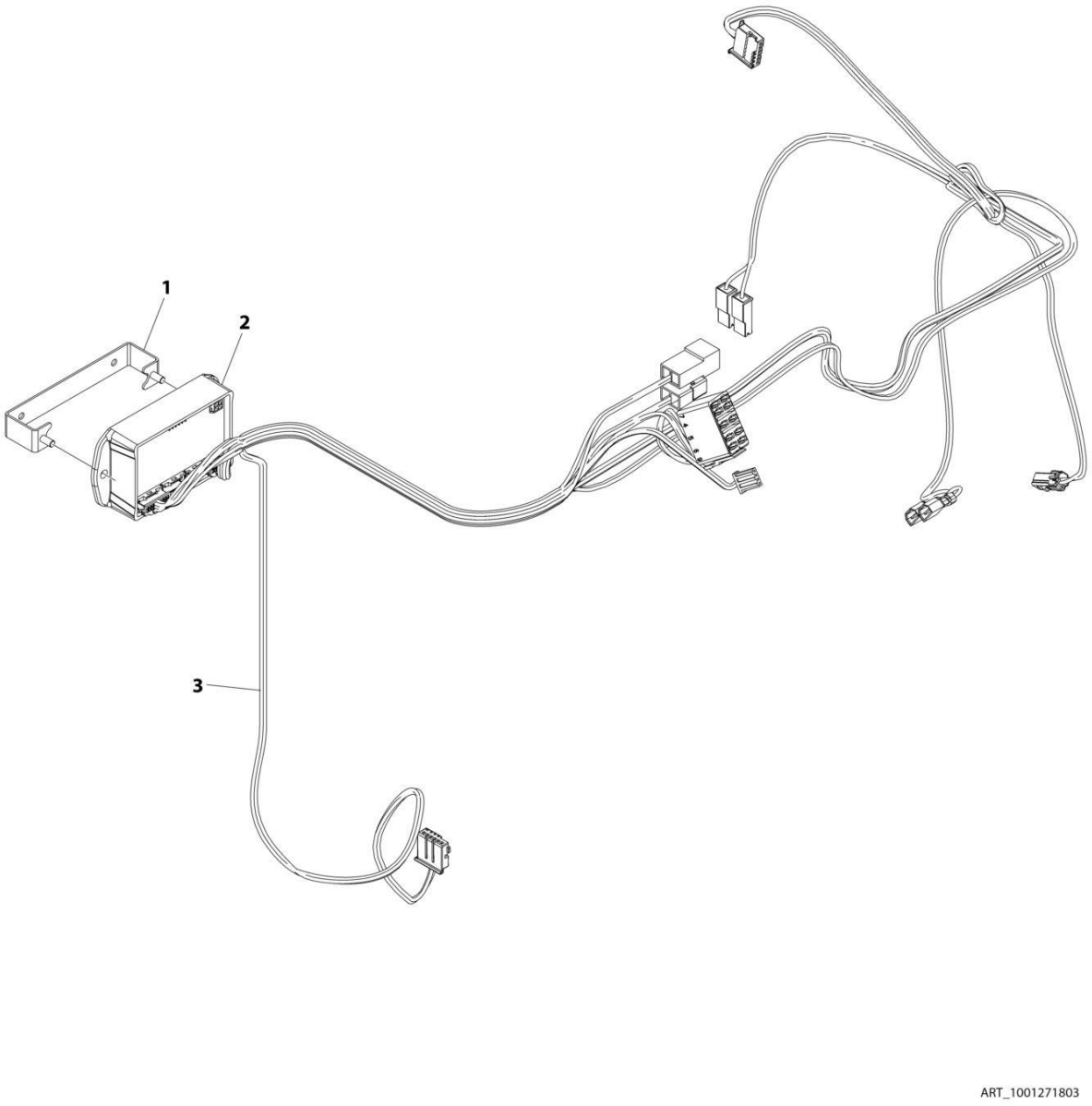


FIGURE 10-18. CAB HEATER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001271803	Ref	CAB HEATER HARNESS	B
1	1001264976	1	Bracket	
2	1001268829	1	Actuator, HVAC (Sold as Assembly Only)	
3	1001268830	1	Harness, HVAC Cab Actuator (See Separate Breakdown in this Section)	

FIGURE 10-19. CLEARSKY INSTALLATION

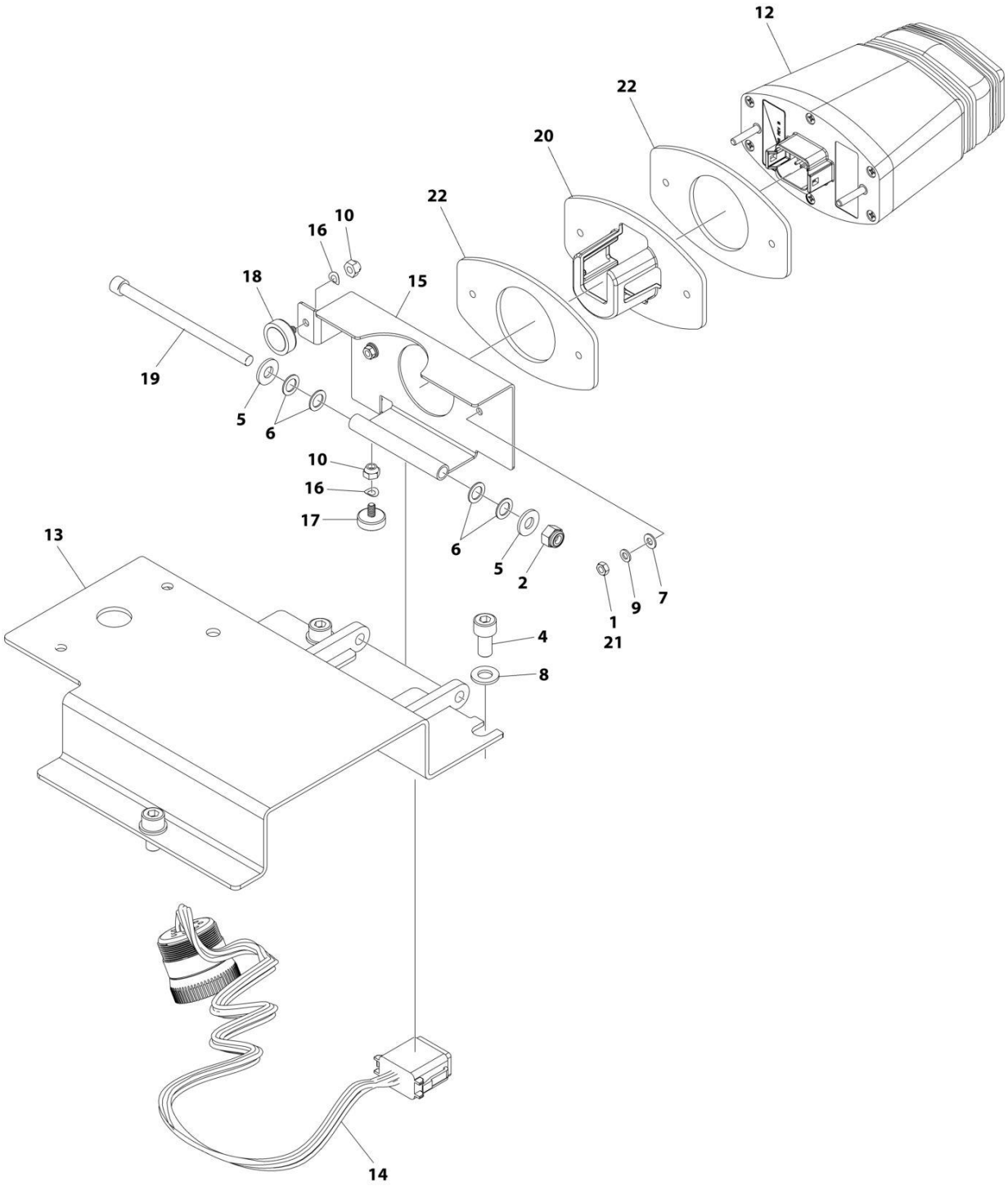
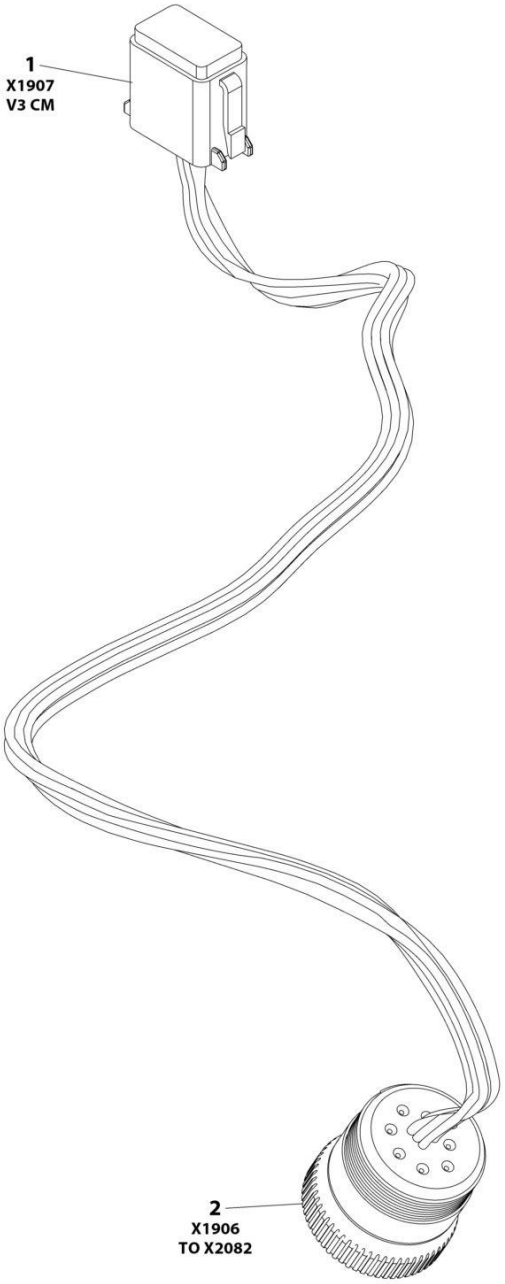


FIGURE 10-19. CLEARSKY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289949	Ref	CLEARSKY INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	3300449	1	Nut, Lock 1/4	
4	4031907	3	Capscrew M8 x 16	
5	4711400	2	Washer 1/4	
6	4740428	4	Washer 5/16	
7	4811400	2	Washer M4	
8	4811900	3	Washer M8	
9	4831400	2	Washer, Lock M4	
10	8310410	2	Nut, Lock #8	
11	1001146588	AR	Fir Tree (Not Shown)	
12	1001280661	1	Module, ClearSky	
13	1001286599	1	Bracket, ClearSky Mounting	
14	1001286941	1	Harness, ClearSky (See Separate Breakdown in this Section)	
15	1001289060	1	Mount, ClearSky Pivot	
16	1001289299	2	Washer #8	
17	1001289300	1	Magnet, Studded (16mm Diameter)	
18	1001289301	1	Magnet, Studded (20mm Diameter)	
19	1001289647	1	Capscrew 1/4 x 4	
20	1001289648	1	Plate, Anti-Tamper	
21	3290401	2	Nut M4	
22	1001291056	2	Gasket	

FIGURE 10-20. CLEARSKY HARNESS



ART_1001286941

FIGURE 10-20. CLEARSKY HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001286941	Ref	CLEARSKY HARNESS	A
1	4460930	1	Connector	
1	4460465	8	Socket	
2	1001112796	1	Connector	
2	4460465	8	Socket	
2	4460466	1	Plug	

FIGURE 10-21. HVAC CAB ACTUATOR

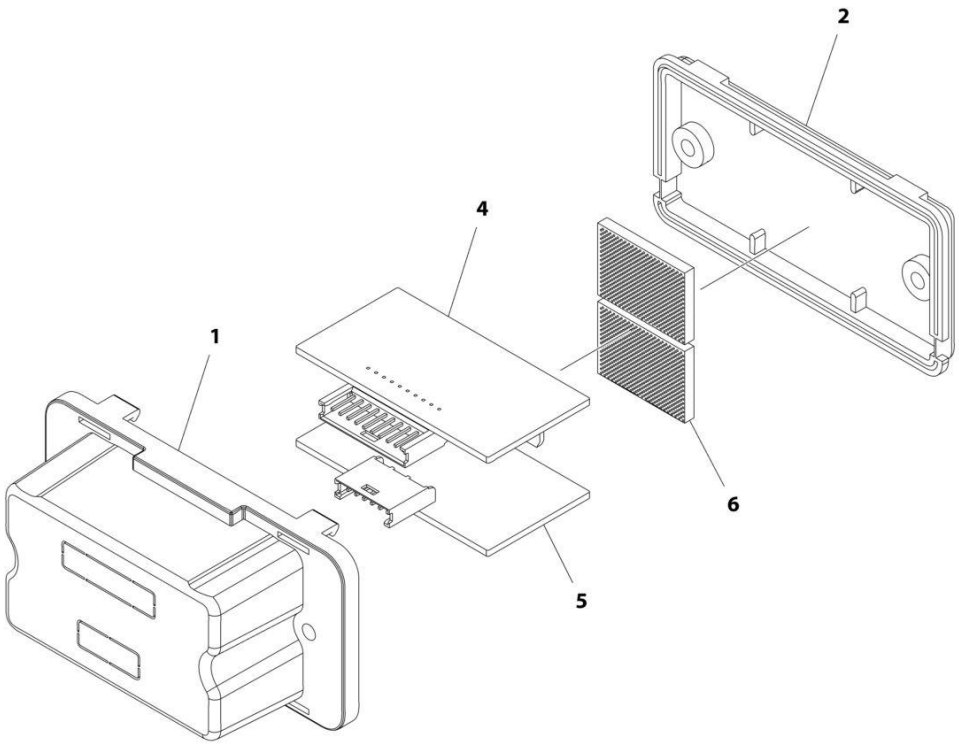


FIGURE 10-21. HVAC CAB ACTUATOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172551	Ref	HVAC CAB ACTUATOR	E
1	1001184306	1	Box, Heater Controller	
2	1001184307	1	Base, Heater Controller Box	
4	1001184309	1	Board, Heater Control	
5	1001184310	1	Board, Heater Control	
6	1001189980	2	Insulator, Heater Controller Box	

FIGURE 10-22. CAB HVAC ACTUATOR HARNESS

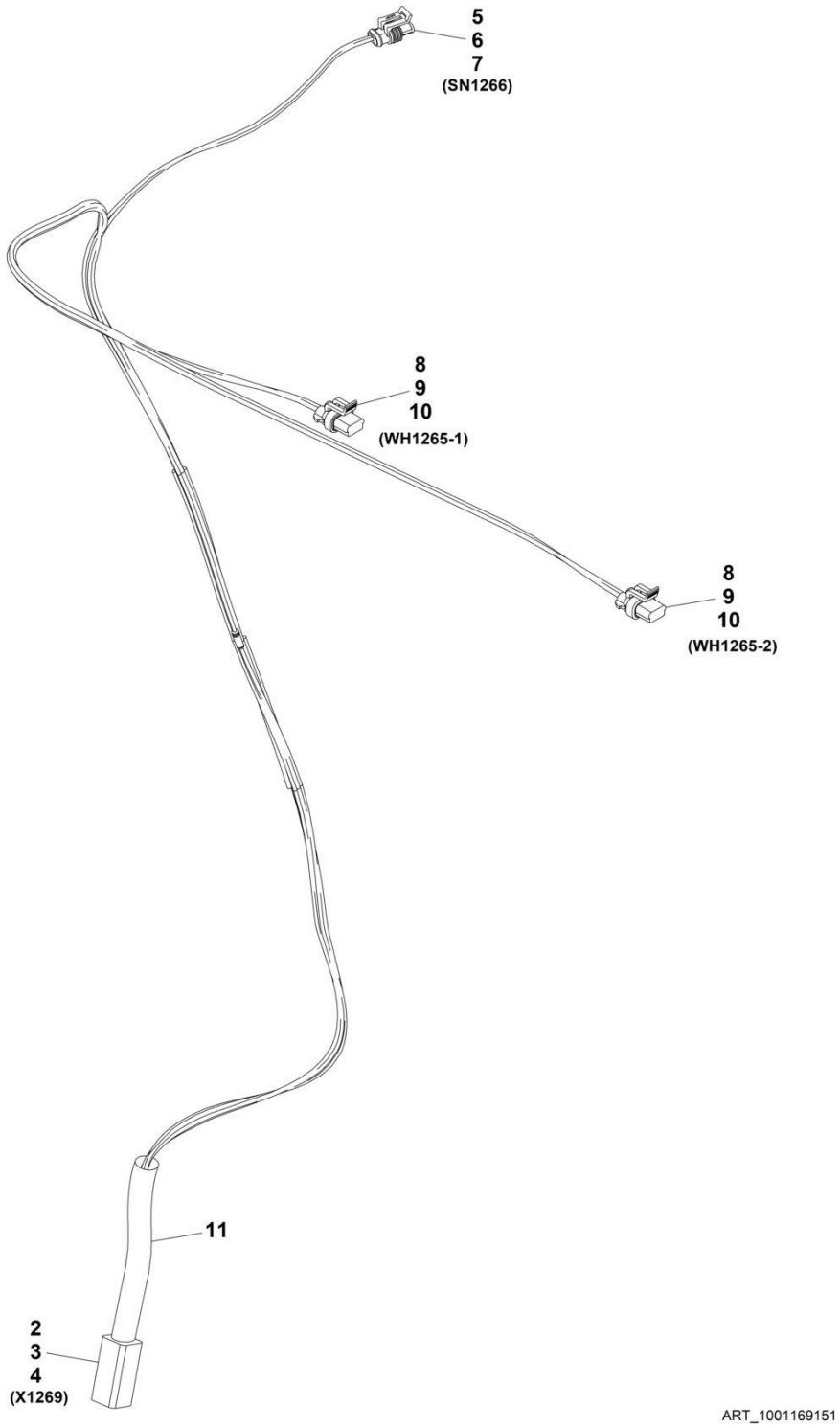


FIGURE 10-22. CAB HVAC ACTUATOR HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169151	Ref	A/C Option Harness	G
2	4460899	1	Connector	
3	4460941	4	Terminal	
4	4460464	2	Terminal	
5	4461118	1	Connector	
6	1001107854	2	Terminal	
7	1001116763	2	Seal	
8	1001117021	2	Connector	
9	1001116747	4	Terminal	
10	4460789	4	Seal	
11	70028546	1	Backshell	

FIGURE 10-23. CAB - MULTIFUNCTION DISPLAY INSTALLATION

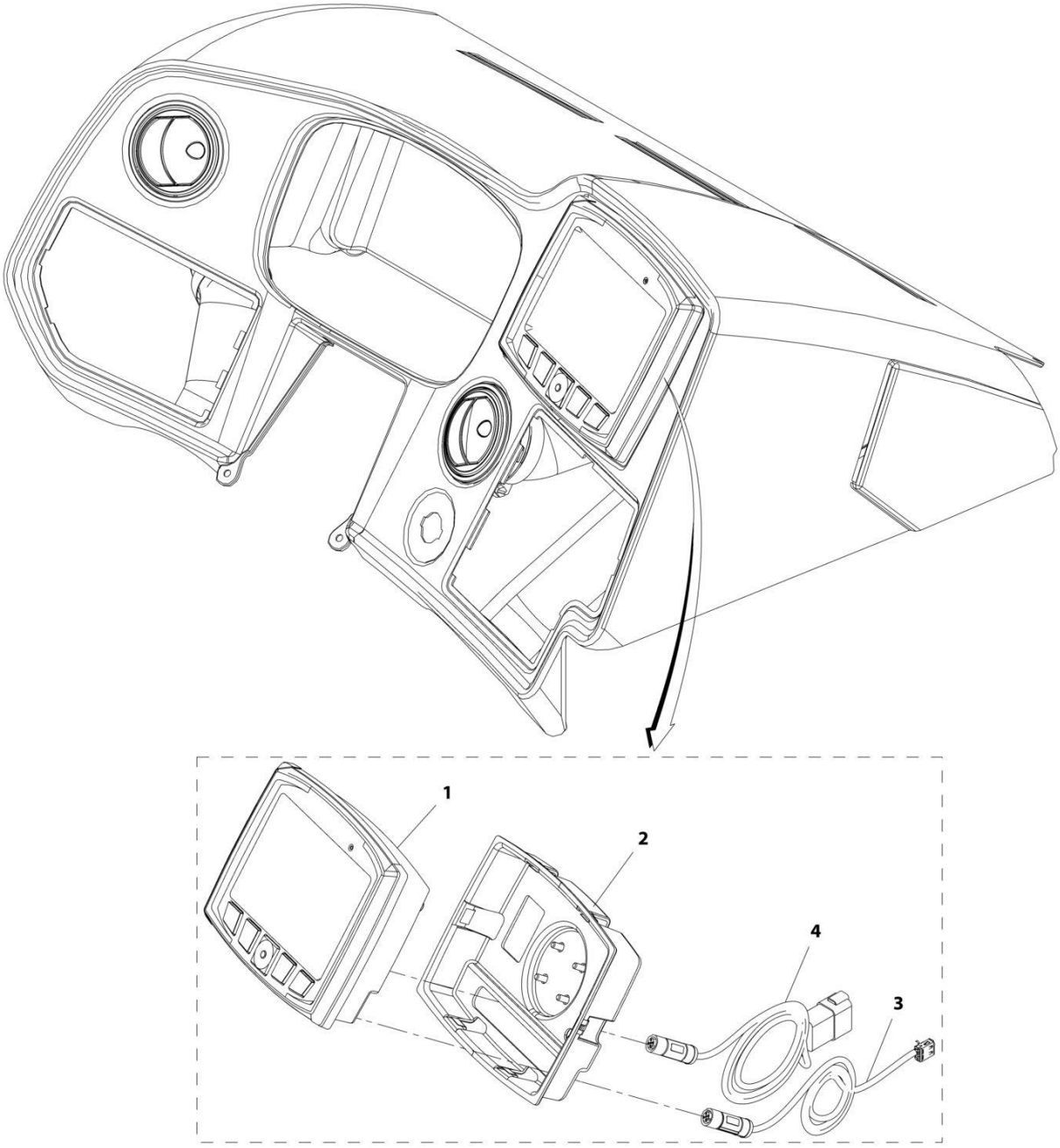


FIGURE 10-23. CAB - MULTIFUNCTION DISPLAY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176338	Ref	Multifunction Display Installation	B
1	1001211357	1	Display	
2	1001178783	1	Bezel	
3	1001180682	1	Cable, Display Programming	
4	1001180683	1	Cable, Display Video	

FIGURE 10-24. CAB SEAT ADAPTOR HARNESS (PREMIUM SEAT)

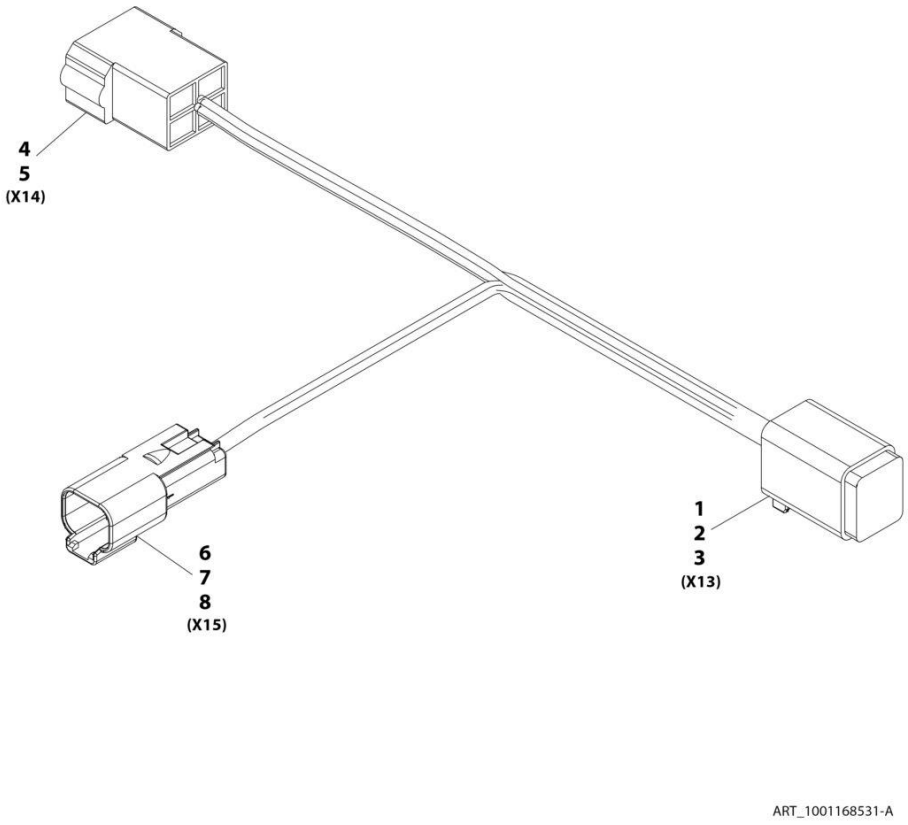


FIGURE 10-24. CAB SEAT ADAPTOR HARNESS (PREMIUM SEAT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168531	Ref	Seat Adaptor Harness	A
1	4460894	1	Connector	
2	91504107	1	Lock, Connector	
3	4460465	6	Terminal	
4	1001117011	1	Connector	
5	1001116700	3	Terminal	
6	4460897	1	Connector	
7	80604017	1	Lock, Connector	
8	4460943	2	Terminal	

FIGURE 10-25. DECLUTCH SWITCH INSTALLATION

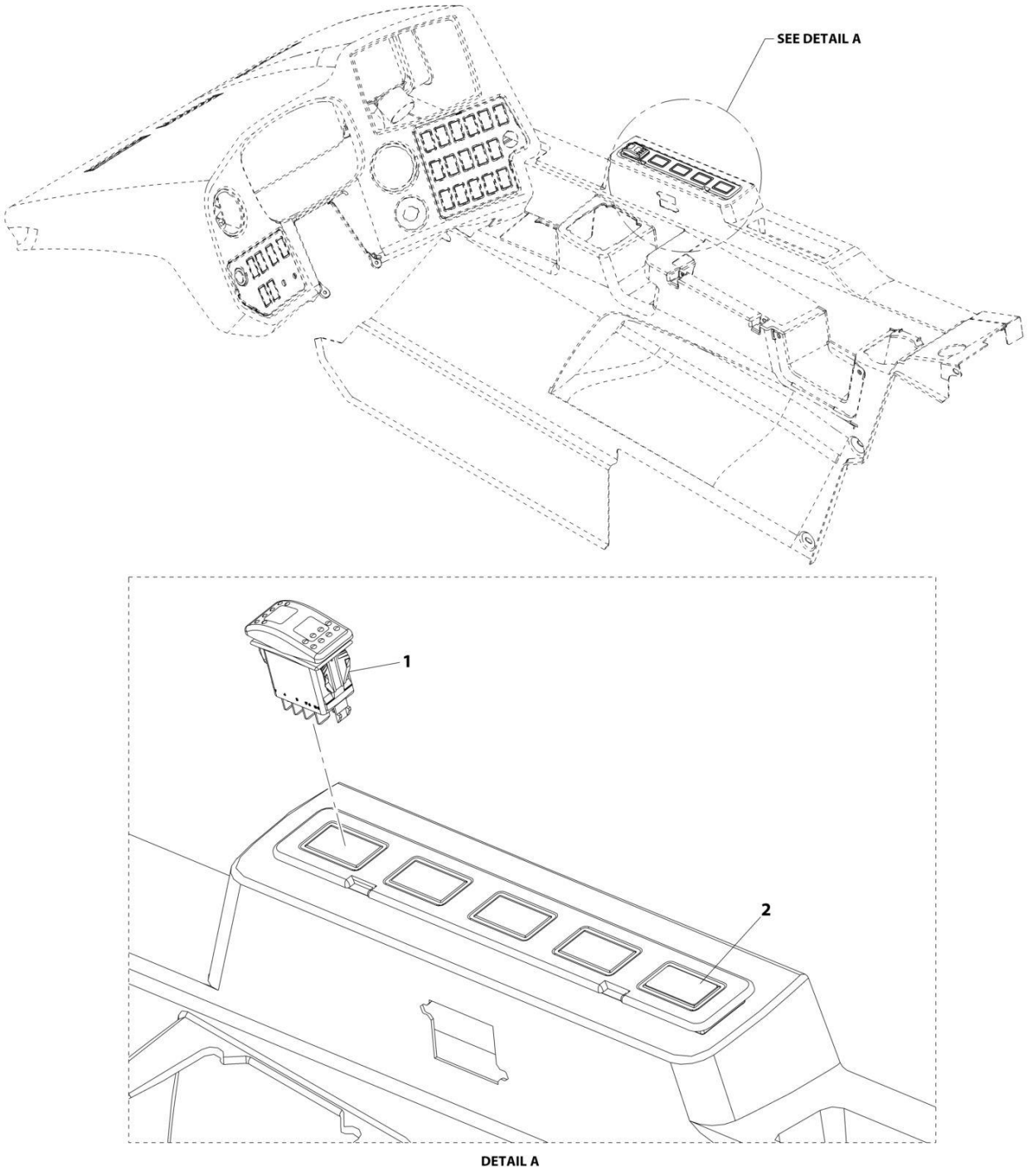


FIGURE 10-25. DECLUTCH SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202430	Ref	Declutch Switch Installation	B
1	1001202421	1	Switch, Transmission Disconnect	
2	1001226481	1	Decal, Blank	

FIGURE 10-26. ELECTRICAL COMPONENTS INSTALLATION

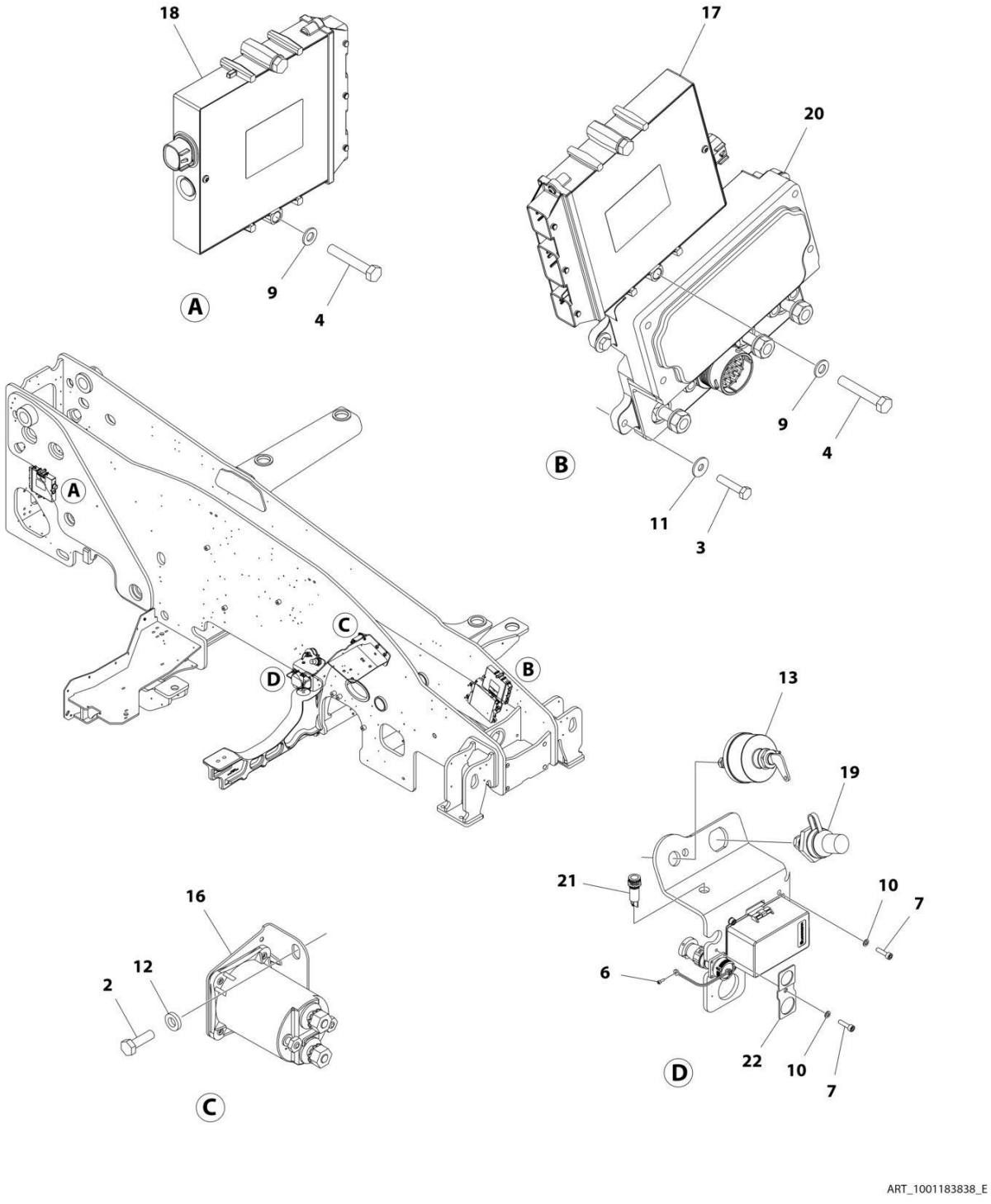


FIGURE 10-26. ELECTRICAL COMPONENTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183838	Ref	ELECTRICAL COMPONENTS INSTALLATION	E
2	0700610	2	Bolt M6 x 20	
3	0700614	4	Bolt M6 x 30	
4	0700818	4	Bolt M8 x 50	
6	3900349	1	Screw M2.5 x 0.45	
7	4031608	5	Screw M5 x 20	
9	4811900	4	Washer M8	
10	4831600	5	Washer M5	
11	4811702	4	Washer M6	
12	5240600	2	Washer M6	
13	1001008926	NLA	Switch, Disconnect (no longer available, use 1001192142 for replacement)	
13	1001192142	1	Switch, Battery Disconnect	
16	1001117308	1	Relay, 200 AMP (See Separate Breakdown in this Section)	
17	1001270467	1	Module, Rear Frame (Note: Re-calibration required when replaced)	
18	1001270468	1	Module, Front Frame (Note: Re-calibration required when replaced)	
19	1001193993	1	Stud, Battery Jump Start	
20	1001164402	1	Box, Power Distribution Electrical (See Separate Breakdown in this Section)	
21	1001169825	1	Light, DEF Purge Indicator	
22	1001186693	1	Plate	

FIGURE 10-27. ELECTRICAL POWER DISTRIBUTION ELECTRICAL BOX

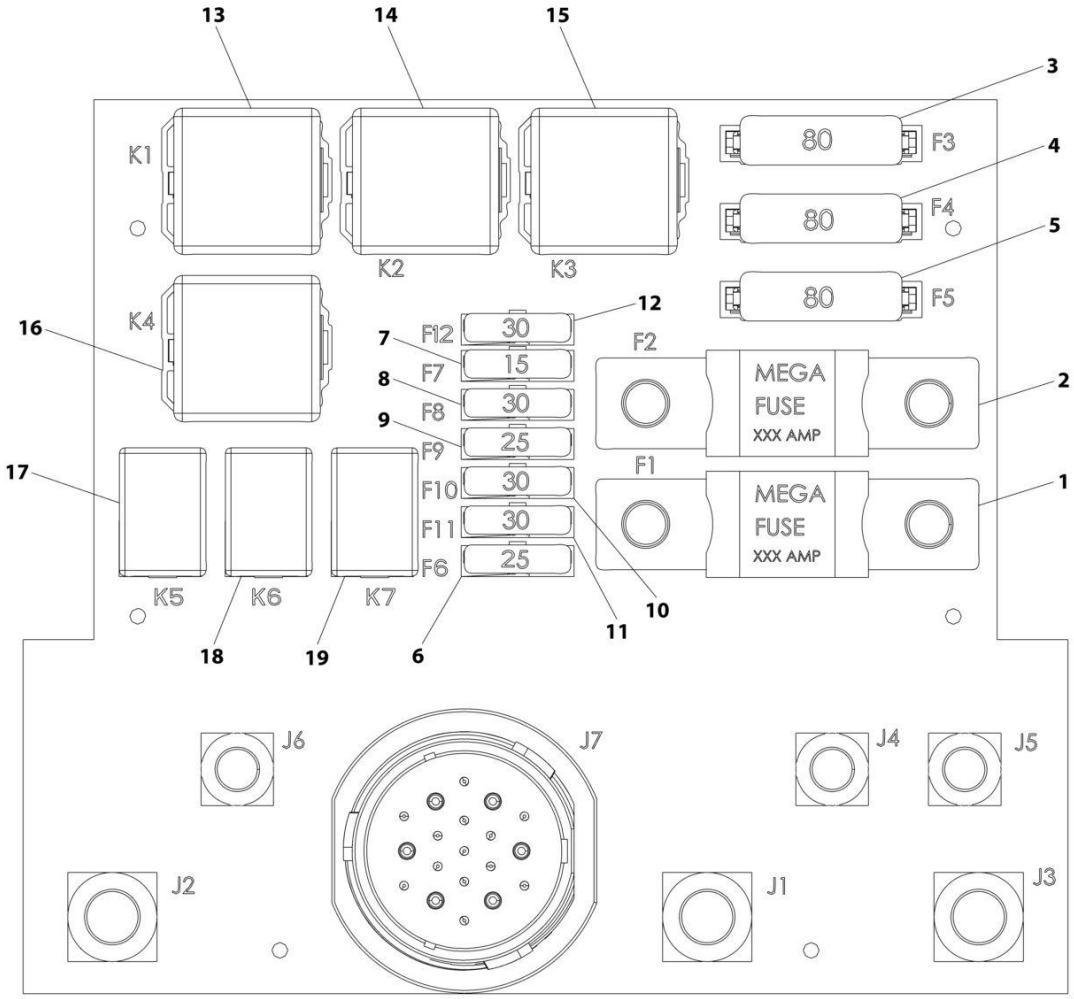
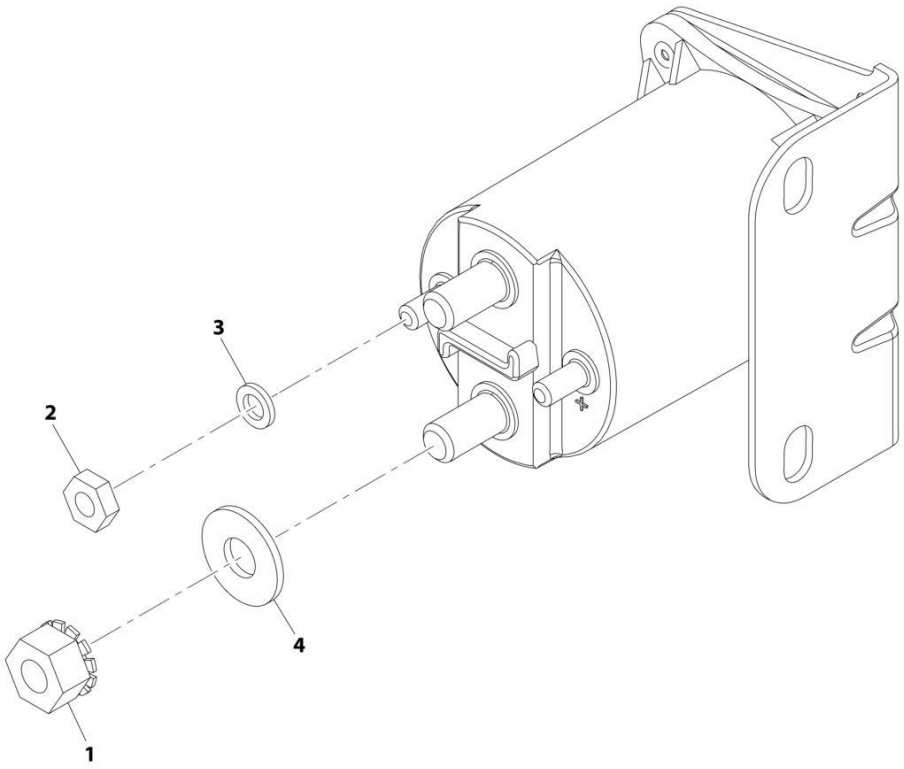


FIGURE 10-27. ELECTRICAL POWER DISTRIBUTION ELECTRICAL BOX

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001164402	Ref	Power Distribution Electrical Box	G
1	1001095336	1	Fuse, 150AMP	
2	70026296	1	Fuse, 200AMP	
3	70026297	1	Fuse, 80AMP	
4	70026297	1	Fuse, 80AMP	
5	70026297	1	Fuse, 80AMP	
6	8229247	1	Fuse, 25AMP	
7	8229244	1	Fuse, 15AMP	
8	8229245	1	Fuse, 30AMP	
9	8229247	1	Fuse, 25AMP	
10	8229245	1	Fuse, 30AMP	
11	8229245	1	Fuse, 30AMP	
12	8229245	1	Fuse, 30AMP	
13	70026294	1	Fuse, 70AMP	
14	70026294	1	Fuse, 70AMP	
15	70026294	1	Fuse, 70AMP	
16	70026294	1	Fuse, 70AMP	
17	70026295	1	Fuse, 35AMP	
18	70026295	1	Fuse, 35AMP	
19	70026295	1	Fuse, 35AMP	

FIGURE 10-28. ELECTRICAL RELAY INSTALLATION - 200 AMP



ART_1001117308-C

FIGURE 10-28. ELECTRICAL RELAY INSTALLATION - 200 AMP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001117308	Ref	200 AMP Relay Installation	C
1	3300220	2	Nut, Washer	
2	3321001	2	Nut	
3	4761000	2	Washer, Lock	
4	1001111424	2	Washer	

FIGURE 10-29. ENGINE WIRING INSTALLATION (ULS)

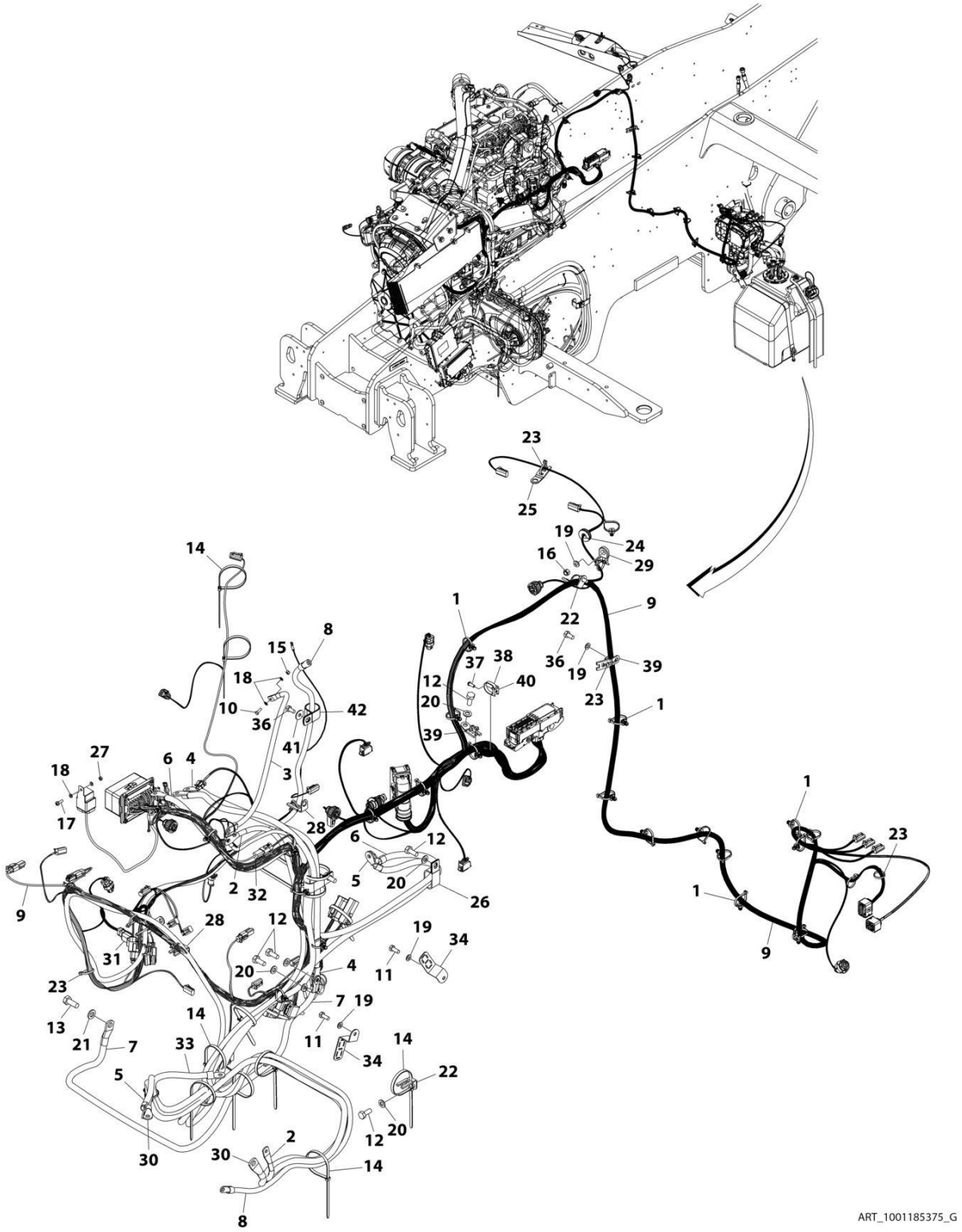


FIGURE 10-29. ENGINE WIRING INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185375	Ref	ENGINE WIRING INSTALLATION (ULS)	G
1	1001146588	24	Strap, Tie	
2	1001182218	1	Cable, PDM to Glow Plug Relay	
3	1001182219	1	Cable, Glow Plug to Relay	
4	1001182654	1	Cable, Disonnect to Ground Buss	
5	1001182650	1	Cable, Starter to Battery +	
6	1001182651	1	Cable, Starter to Jump Start Stud	
7	1001182652	1	Cable, Ground Buss to Engine Ground	
8	1001283711	1	Cable, Alternator	
9	1001256834	1	Harness, Engine (ULS) (See Separate Breakdown in this Section)	
10	0760507	1	Bolt M5 x 14	
11	0760810	2	Bolt M8 x 20	
12	0761012	7	Bolt M10 x 25	
13	0761214	1	Bolt M12 x 30	
14	1062255	13	Strap, Tie	
15	3290505	1	Nut, Lock M5 x 0.8 Grade 8	
16	3290805	1	Nut, Lock M8 x 1.25 Grade 8	
17	3900381	1	Screw M5 x 16	
18	4811600	4	Washer M5	
19	4811900	5	Washer M8	
20	4812000	7	Washer M10	
21	4812100	1	Washer M12	
22	1001003305	4	Clip	
23	1001008559	14	Strap, Tie	
24	1001009375	1	Grommet	
25	1001025750	1	Clip, Ladder	
26	1001008720	2	Clip	
27	3290501	1	Nut M5 x 0.8	
28	1001130198	3	Clip, Ladder	
29	1001169146	1	Mount	
30	1001182217	1	Cable, Batt + to PDM	
31	1001182929	1	Harness, Fuel Pump (See Separate Breakdown in this Section)	
32	1001182930	1	Harness, Glow Plug Relay to Engine Harness (See Separate Breakdown in this Section)	
33	1001203015	1	Cable, Batt (-) to Batt Disc	
34	1001203882	2	Bracket, Harness Tie Wrap	
36	0760808	3	Bolt M8 x 16	
37	3900357	1	Screw M6 x 16	
38	8881800	1	Strap, Tie	
39	1001008593	2	Clip	
40	1001138645	1	Mount, Cable Tie	
41	4811902	1	Washer M8	
42	8406302	1	Clamp	

FIGURE 10-30. ENGINE WIRING INSTALLATION (LRC)

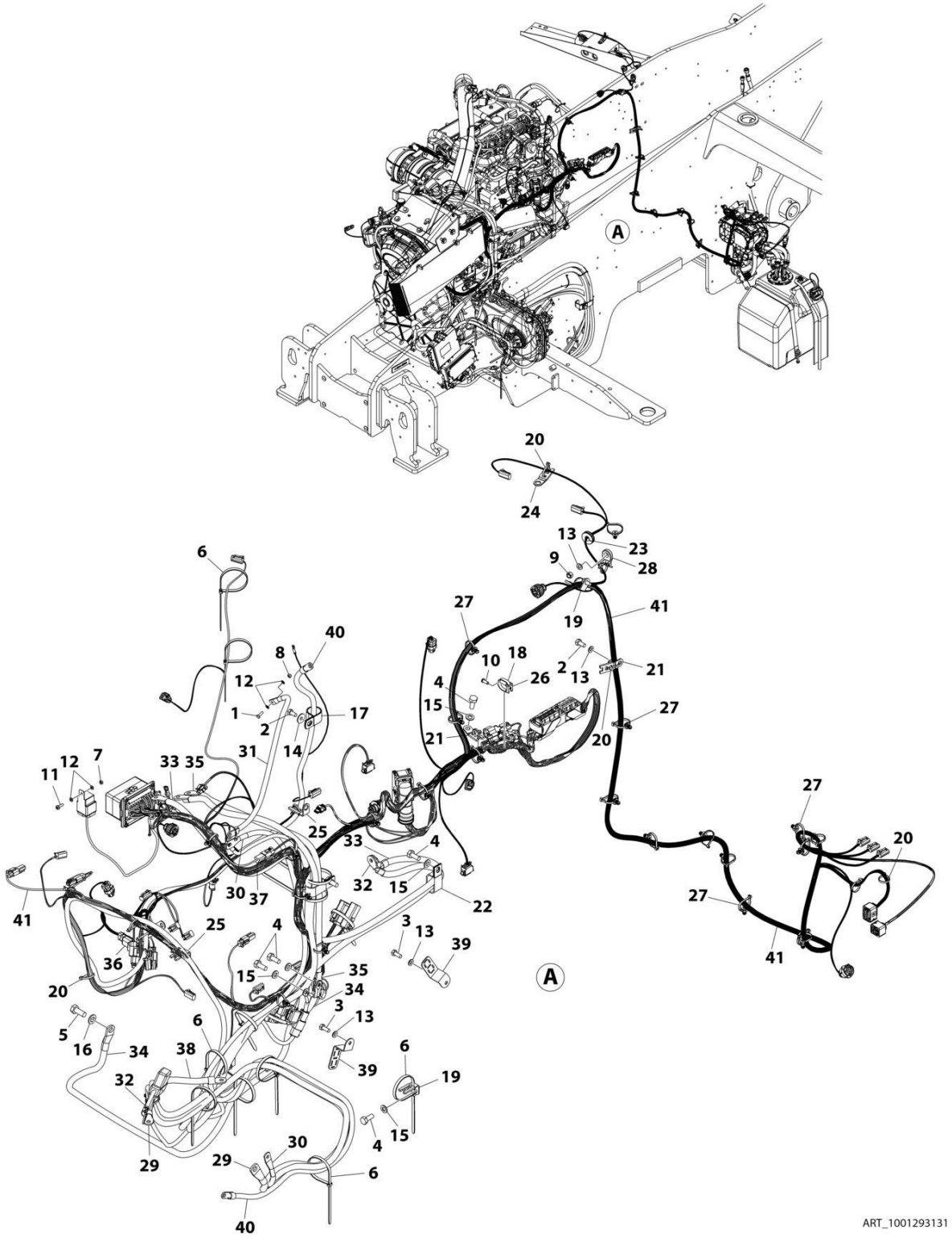
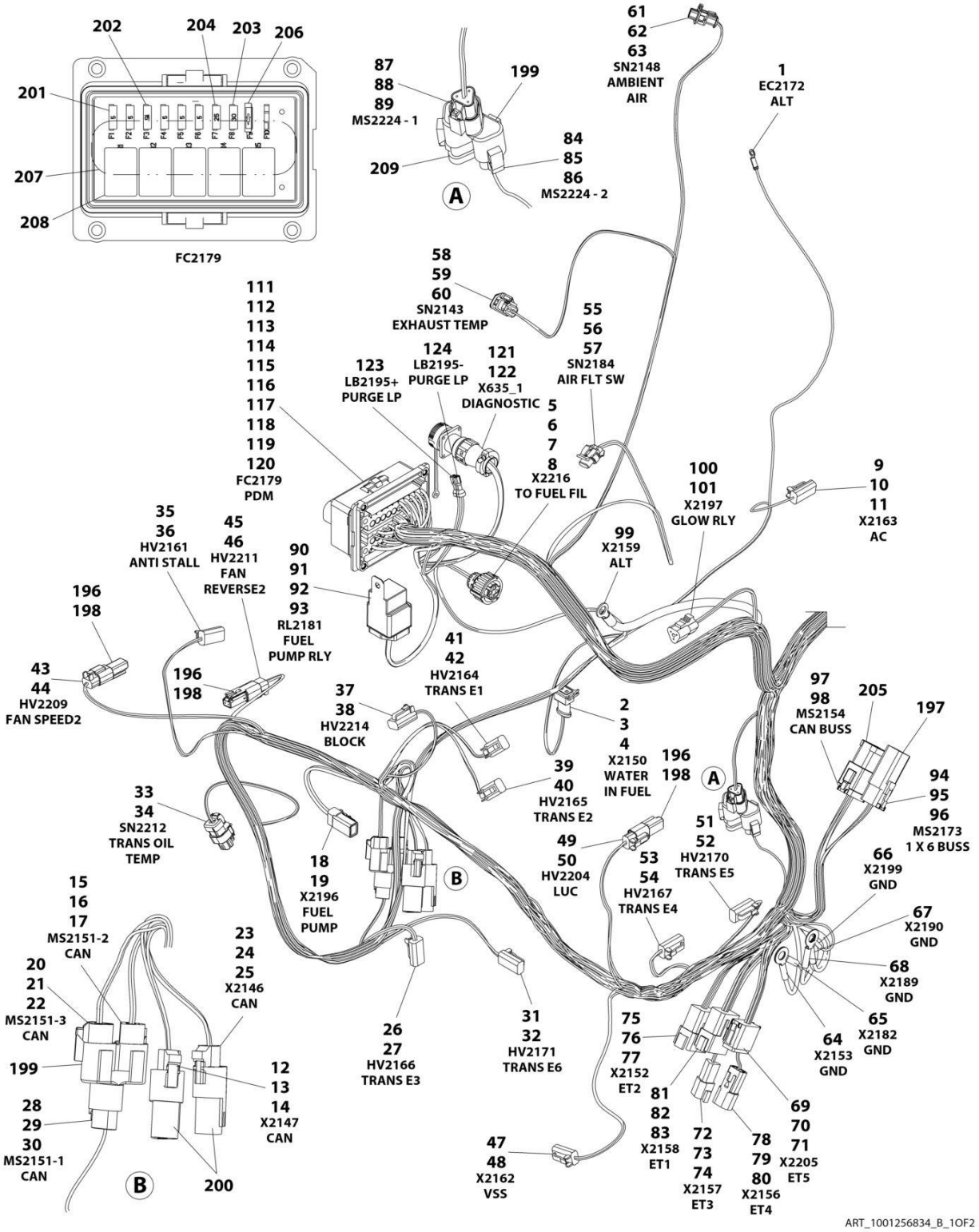
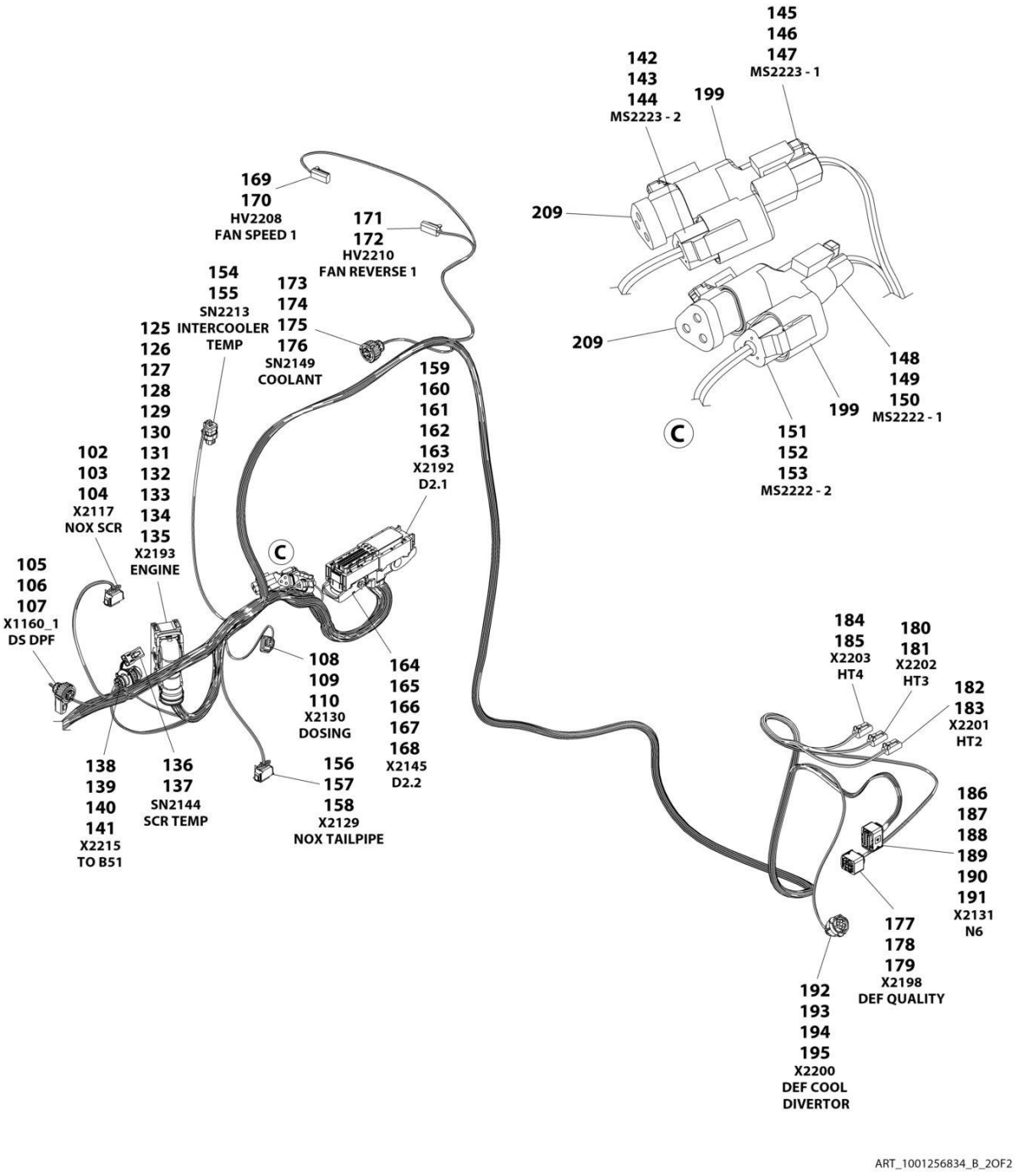


FIGURE 10-30. ENGINE WIRING INSTALLATION (LRC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001293131	Ref	ENGINE WIRING INSTALLATION	A
1	0760507	1	Bolt M5 x 14	
2	0760808	3	Bolt M8 x 16	
3	0760810	2	Bolt M8 x 20	
4	0761012	7	Bolt M10 x 25	
5	0761214	1	Bolt M12 x 30	
6	1062255	13	Tie-Strap	
7	3290501	1	Nut M5	
8	3290505	1	Nut, Lock M5	
9	3290805	1	Nut, Lock M8	
10	3900357	1	Capscrew M6 x 16	
11	3900381	1	Capscrew M5 x 16	
12	4811600	4	Washer M5	
13	4811900	5	Washer M8	
14	4811902	1	Washer M8	
15	4812000	7	Washer M10	
16	4812100	1	Washer M12	
17	8406302	1	Clamp	
18	8881800	1	Tie-Strap	
19	1001003305	4	Clip	
20	1001008559	14	Cable	
21	1001008593	2	Clip	
22	1001008720	2	Clip-Loop	
23	1001009375	1	Grommet	
24	1001025750	1	Clip	
25	1001130198	3	Clip	
26	1001138645	1	Cable Tie	
27	1001146588	24	Fir Tree Cable Tie	
28	1001169146	1	Mount	
29	1001182217	1	Cable	
30	1001182218	1	Cable	
31	1001182219	1	Cable	
32	1001182650	1	Cable	
33	1001182651	1	Cable	
34	1001182652	1	Cable	
35	1001182654	1	Cable	
36	1001182929	1	Harness, Fuel Pump (See Separate Breakdown in this Section)	
37	1001182930	1	Harness, Glow Plug (See Separate Breakdown in this Section)	
38	1001203015	1	Cable	
39	1001203882	2	Bracket	
40	1001283711	1	Cable	
41	1001292201	1	Harness, Engine (See Separate Breakdown in this Section)	
42	1001294690	1	Cable, ECM Power (Not Shown)	

FIGURE 10-31. ENGINE HARNESS (ULS)





ART_1001256834_B_2OF2

FIGURE 10-31. ENGINE HARNESS (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256834	Ref	Engine Harness (ULS)	B
1	4460247	1	Terminal, Ring	
2	1001167636	1	Connector	
3	1001166707	2	Terminal	
4	4461006	2	Seal	
5	1001133714	1	Connector	
6	1001133715	3	Terminal	
7	1001135650	3	Seal	
8	1001135651	1	Plug	
9	4460891	1	Connector	
10	4460465	1	Terminal	
11	4460466	1	Plug	
12	4461095	1	Connector	
13	4460465	2	Terminal	
14	4460466	1	Plug	
15	4460539	1	Connector	
16	4460944	2	Terminal	
17	4460466	1	Plug	
18	4461018	1	Connector	
19	4460509	2	Terminal	
20	1001116812	1	Connector	
21	4460944	2	Terminal	
22	4460466	1	Plug	
23	4461095	1	Connector	
24	4460465	2	Terminal	
25	4460466	1	Plug	
26	4460891	1	Connector	
27	4460465	2	Terminal	
28	1001116812	1	Connector	
29	4460944	2	Terminal	
30	4460466	1	Plug	
31	4460891	1	Connector	
32	4460465	2	Terminal	
33	1001116950	1	Connector	
34	4460465	2	Terminal	
35	4460891	1	Connector	
36	4460465	2	Terminal	
37	4460891	1	Connector	
38	4460465	2	Terminal	
39	4460891	1	Connector	
40	4460465	2	Terminal	
41	4460891	1	Connector	
42	4460465	2	Terminal	
43	4460891	1	Connector	
44	4460465	2	Terminal	
45	4460891	1	Connector	
46	4460465	2	Terminal	
47	4460891	1	Connector	
48	4460465	2	Terminal	
49	4460891	1	Connector	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	4460465	2	Terminal	
51	4460891	1	Connector	
52	4460465	2	Terminal	
53	4460891	1	Connector	
54	4460465	2	Terminal	
55	1001209097	1	Connector	
56	8220124	2	Terminal	
57	4460608	2	Seal	
58	1001126487	1	Connector	
59	1001167634	2	Terminal	
60	1001126485	2	Seal	
61	1001126487	1	Connector	
62	1001167634	2	Terminal	
63	1001126485	2	Seal	
64	1001117110	1	Terminal, Ring	
65	1001117110	1	Terminal, Ring	
66	4460256	1	Terminal, Ring	
67	1001117109	1	Terminal, Ring	
68	1001117110	1	Terminal, Ring	
69	4460933	1	Connector	
70	4460465	7	Terminal	
71	4460466	5	Plug	
72	1001144147	1	Connector	
73	4460464	2	Terminal	
74	4460466	1	Plug	
75	4460950	1	Connector	
76	4460464	8	Terminal	
77	4460466	4	Plug	
78	1001116811	1	Connector	
79	4460508	3	Plug	
80	4460466	1	Plug	
81	4460970	1	Connector	
82	4460464	8	Terminal	
83	4460466	4	Plug	
84	4460539	1	Connector	
85	4460944	2	Terminal	
86	4460466	1	Plug	
87	1001116812	1	Connector	
88	4460944	2	Terminal	
89	4460466	1	Plug	
90	1001118282	1	Connector	
91	1001116734	2	Terminal	
92	1001116732	2	Terminal	
93	1001128128	1	Plug	
94	4460894	1	Connector	
95	4460465	5	Terminal	
96	4460466	1	Plug	
97	4460933	1	Connector	
98	4460944	12	Terminal	
99	8220115	1	Terminal, Ring	
100	4460539	1	Connector	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	4460465	2	Terminal	
102	1001167631	1	Connector	
103	1001167630	4	Terminal	
104	1001126485	4	Seal	
105	1001138116	1	Connector	
106	1001133715	3	Terminal	
107	1001135650	4	Seal	
108	1001126487	1	Connector	
109	1001167635	2	Terminal	
110	1001126485	2	Seal	
111	1001167616	1	Box, Fuse	
112	8220097	19	Terminal	
113	8220098	9	Terminal	
114	1001116725	3	Terminal	
115	1001116726	9	Terminal	
116	1001175265	19	Seal	
117	4460458	9	Seal	
118	4460789	6	Seal	
119	80963067	4	Seal	
120	4460748	5	Plug	
121	2902443	1	Kit, Receptacle	
122	4461071	6	Terminal	
123	8220108	1	Terminal, Blade	
124	8220108	1	Terminal, Blade	
125	1001126362	1	Connector	
126	1001166556	26	Terminal	
127	1001166701	26	Seal	
128	1001166774	10	Terminal	
129	1001126393	10	Seal	
130	1001166543	2	Terminal	
131	4461054	2	Seal	
132	1001166541	2	Terminal	
133	4461006	2	Seal	
134	1001126391	20	Plug	
135	4461008	2	Plug	
136	1001126245	1	Connector	
137	1001126008	2	Terminal	
138	1001148842	1	Connector	
139	1001148841	3	Terminal	
140	1001135650	3	Seal	
141	1001135651	1	Plug	
142	4460539	1	Connector	
143	4460944	2	Terminal	
144	4460466	1	Plug	
145	1001116812	1	Connector	
146	4460944	2	Terminal	
147	4460466	1	Plug	
148	1001116812	1	Connector	
149	4460944	2	Terminal	
150	4460466	1	Plug	
151	4460539	1	Connector	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
152	4460944	2	Terminal	
153	4460466	1	Plug	
154	1001116950	1	Connector	
155	4460465	2	Terminal	
156	1001167629	1	Connector	
157	1001167630	4	Terminal	
158	1001126485	4	Seal	
159	1001167625	1	Connector	
160	1001166555	13	Terminal	
161	1001167621	50	Terminal	
162	1001167623	5	Plug	
163	1001167622	37	Terminal	
164	1001167615	1	Connector	
165	1001166551	6	Terminal	
166	1001126353	6	Seal	
167	1001167621	21	Terminal	
168	1001167622	64	Plug	
169	4460891	1	Connector	
170	4460465	2	Terminal	
171	4460891	1	Connector	
172	4460465	2	Terminal	
173	1001133714	1	Connector	
174	1001133715	3	Terminal	
175	1001135650	3	Seal	
176	1001135651	1	Plug	
177	1001167528	1	Connector	
178	1001166704	4	Terminal	
179	1001137578	4	Seal	
180	4460891	1	Connector	
181	4460942	2	Terminal	
182	4460891	1	Connector	
183	4460942	2	Terminal	
184	4460891	1	Connector	
185	4460942	2	Terminal	
186	1001165194	1	Connector	
187	1001166556	8	Terminal	
188	1001116701	8	Seal	
189	1001166774	2	Terminal	
190	1001126393	2	Seal	
191	1001126391	2	Plug	
192	1001167620	1	Connector	
193	1001176004	2	Terminal	
194	1001176002	2	Seal	
195	1001167624	2	Plug	
196	4460466	6	Seal	
197	4460892	1	Terminal	
198	4460897	3	Connector	
199	4460945	4	Receptacle, 3-Way	
200	4461070	2	Connector	
201	8229242	5	Fuse, 5A	
202	8229244	1	Fuse, 15A	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
203	8229245	1	Fuse, 30A	
204	8229247	1	Fuse, 25A	
205	1001125677	1	Connector	
206	1001177597	1	Fuse, 6A	
207	1001190921	1	Seal, Fuse Box	
208	1001205172	5	Fuse, 35A	
209	1001116815	3	Connector	

FIGURE 10-32. ENGINE HARNESS (LS)

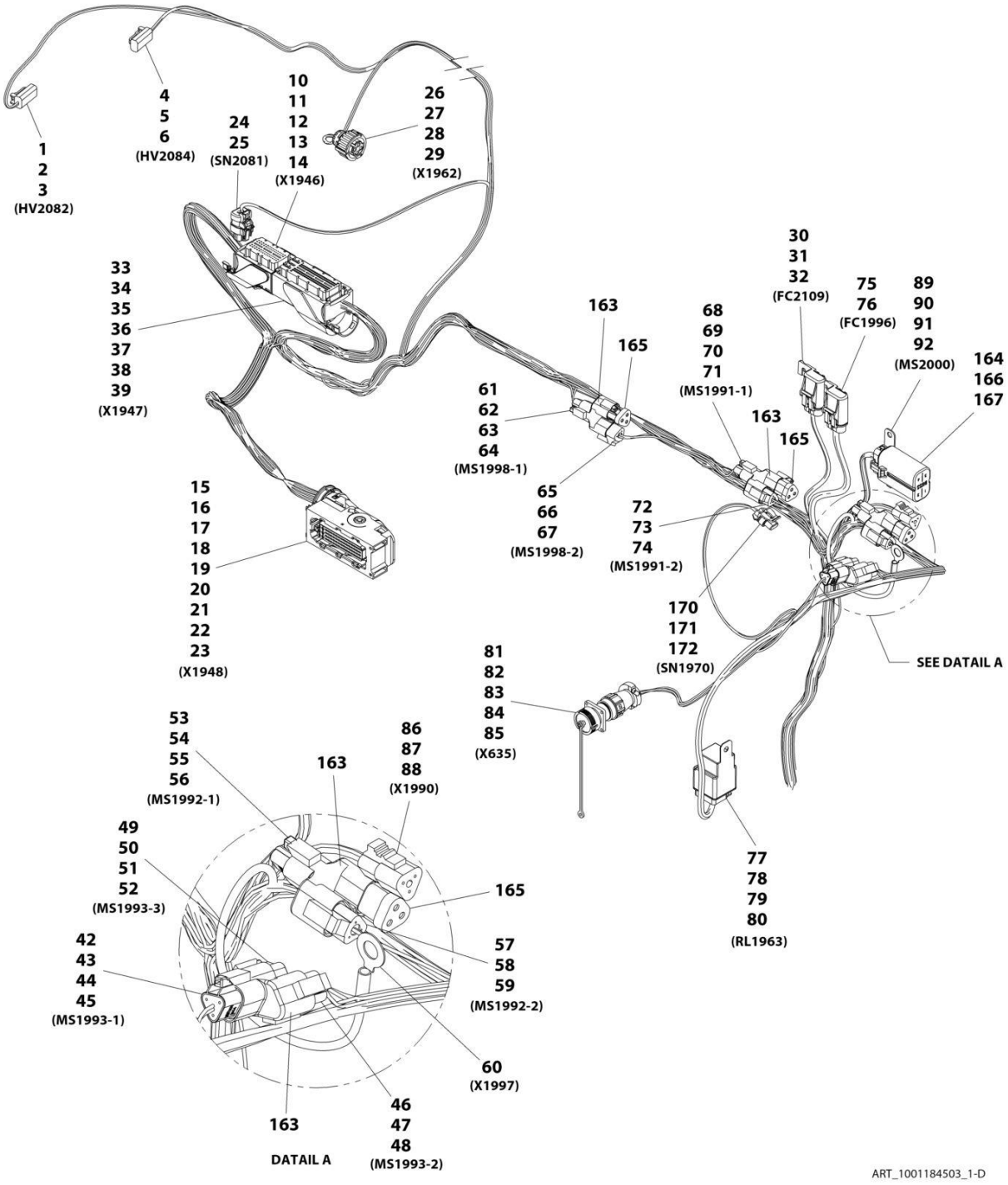


FIGURE 10-33. ENGINE HARNESS (LS)

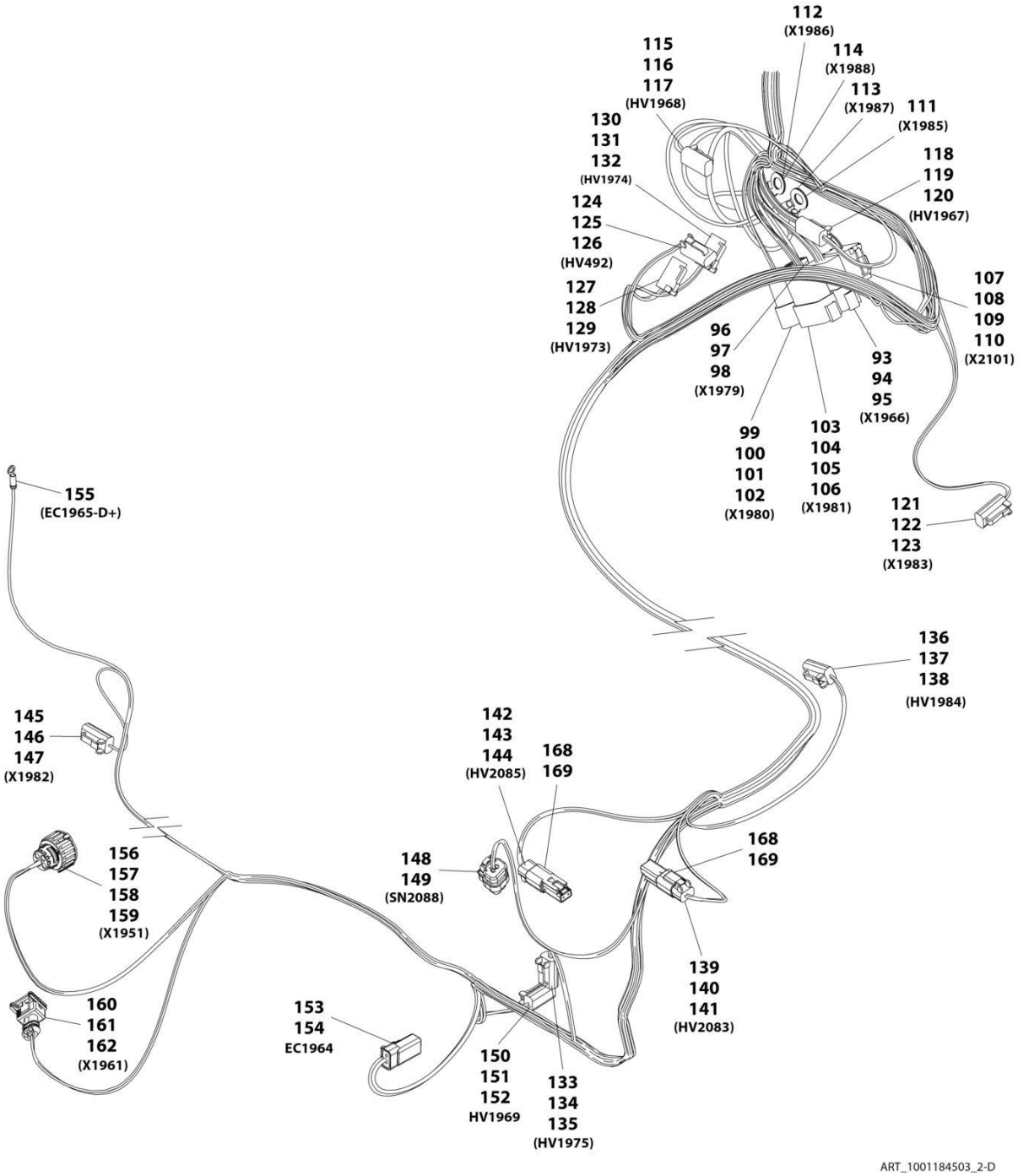


FIGURE 10-33. ENGINE HARNESS (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184503	Ref	Engine Harness (LS)	D
1	4460891	1	Connector	
2	80604018	1	Lock, Connector	
3	4460465	2	Terminal	
4	4460891	1	Connector	
5	80604018	1	Lock, Connector	
6	4460465	2	Terminal	
10	1001126360	1	Connector	
11	1001126351	13	Terminal	
12	1001126384	17	Terminal	
13	1001126357	11	Plug	
14	1001126356	19	Plug	
15	1001126362	1	Connector	
16	1001166556	24	Terminal	
17	1001166701	24	Seal	
18	1001166774	10	Terminal	
19	1001126393	10	Seal	
20	1001166543	2	Terminal	
21	4461054	2	Seal	
22	1001126391	22	Plug	
23	1001116696	4	Plug	
24	1001116950	1	Connector	
25	4460465	2	Terminal	
26	1001133714	1	Connector	
27	1001133715	3	Terminal	
28	1001135650	3	Seal	
29	1001135651	1	Plug	
30	1001117018	1	Connector (includes 25 amp auto fuse)	
31	1001116734	1	Terminal	
32	1001116735	1	Terminal	
33	1001126349	1	Connector	
34	1001126352	6	Terminal	
35	1001126353	6	Seal	
36	1001126384	19	Terminal	
37	1001126351	2	Terminal	
38	1001126356	65	Terminal	
39	1001126357	2	Plug	
42	1001116812	1	Connector	
43	91554019	1	Lock, Connector	
44	4460944	2	Terminal	
45	4460466	1	Plug	
46	4460539	1	Connector	
47	4460944	2	Terminal	
48	4460466	1	Plug	
49	1001116812	1	Connector	
50	91554019	1	Lock, Connector	
51	4460944	2	Terminal	
52	4460466	1	Plug	
53	1001116812	1	Connector	
54	91554019	1	Lock, Connector	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
55	4460944	2	Terminal	
56	4460466	1	Plug	
57	4460539	1	Connector	
58	4460944	2	Terminal	
59	4460466	1	Plug	
60	1001117110	1	Ring, Terminal	
61	1001116812	1	Connector	
62	91554019	1	Lock, Connector	
63	4460944	2	Terminal	
64	4460466	1	Plug	
65	4460539	1	Connector	
66	4460944	2	Terminal	
67	4460466	1	Plug	
68	1001116812	1	Connector	
69	91554019	1	Lock, Connector	
70	4460944	2	Terminal	
71	4460466	1	Plug	
72	4460539	1	Connector	
73	4460944	2	Terminal	
74	4460466	1	Plug	
75	1001117018	1	Connector (includes 25 amp auto fuse)	
76	1001116734	2	Terminal	
77	1001118282	1	Connector	
78	1001116734	3	Terminal	
79	1001116732	1	Terminal	
80	1001128128	1	Plug	
81	2902443	1	Kit, Receptacle	
82	4461071	6	Terminal	
83	4461072	1	Housing, Flange Mount Receptacle Inner	
84	4461073	1	Cap, Dust	
85	4461074	1	Housing, Receptacle Outer	
86	4460539	1	Connector	
87	4460465	2	Terminal	
88	4460942	1	Terminal	
89	1001184551	1	Connector	
90	1001116728	7	Terminal	
91	1001116747	1	Terminal	
92	1001175265	8	Seal	
93	4460970	1	Connector	
94	4460464	7	Terminal	
95	4460466	5	Plug	
96	1001116811	1	Connector	
97	4460508	3	Terminal	
98	4460466	1	Plug	
99	1001144147	1	Connector	
100	91554022	1	Lock, Connector	
101	4460464	2	Terminal	
102	4460466	1	Plug	
103	4460950	1	Connector Housing	
104	80363179	1	Lock, Connector	
105	4460464	9	Terminal	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
106	4460466	3	Plug	
107	4460933	1	Connector	
108	80604016	1	Lock, Connector	
109	4460465	7	Terminal	
110	4460466	5	Plug	
111	1001117110	1	Ring, Terminal	
112	1001117109	1	Ring, Terminal	
113	1001117110	1	Ring, Terminal	
114	1001117110	1	Ring, Terminal	
115	4460891	1	Connector	
116	80604018	1	Lock, Connector	
117	4460465	2	Terminal	
118	4460891	1	Connector	
119	80604018	1	Lock, Connector	
120	4460465	2	Terminal	
121	4460891	1	Connector	
122	80604018	1	Lock, Connector	
123	4460465	2	Terminal	
124	4460891	1	Connector	
125	80604018	1	Lock, Connector	
126	4460465	2	Terminal	
127	4460891	1	Connector	
128	80604018	1	Lock, Connector	
129	4460465	2	Terminal	
130	4460891	1	Connector	
131	80604018	1	Lock, Connector	
132	4460465	2	Terminal	
133	4460891	1	Connector	
134	80604018	1	Lock, Connector	
135	4460465	2	Terminal	
136	4460891	1	Connector	
137	80604018	1	Lock, Connector	
138	4460465	2	Terminal	
139	4460891	1	Connector	
140	80604018	1	Lock, Connector	
141	4460465	2	Terminal	
142	4460891	1	Connector	
143	80604018	1	Lock, Connector	
144	4460465	2	Terminal	
145	4460891	1	Connector	
146	80604018	1	Lock, Connector	
147	4460465	2	Terminal	
148	1001116950	1	Connector	
149	4460465	2	Terminal	
150	4460891	1	Connector	
151	80604018	1	Lock, Connector	
152	4460465	2	Terminal	
153	4461018	1	Connector	
154	4460509	2	Belgium Built Machines - Use Terminal	
155	4460247	1	Terminal, Ring	
156	1001133714	1	Connector	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
157	1001133715	3	Terminal	
158	1001135650	3	Seal	
159	1001135651	1	Plug	
160	1001116983	1	Connector	
161	1001116710	2	Terminal	
162	4461006	2	Seal	
163	4460945	4	Connector	
164	8229242	1	Fuse, 5A	
165	1001116815	3	Connector	
166	1001177597	1	Diode, 6A	
167	1001197719	2	Resistor	
168	4460466	4	Plug	
169	4460897	2	Connector	
170	4461118	1	Connector	
171	8220124	2	Terminal	
172	1001189877	2	Seal	

FIGURE 10-34. ENGINE HARNESS (HRC)

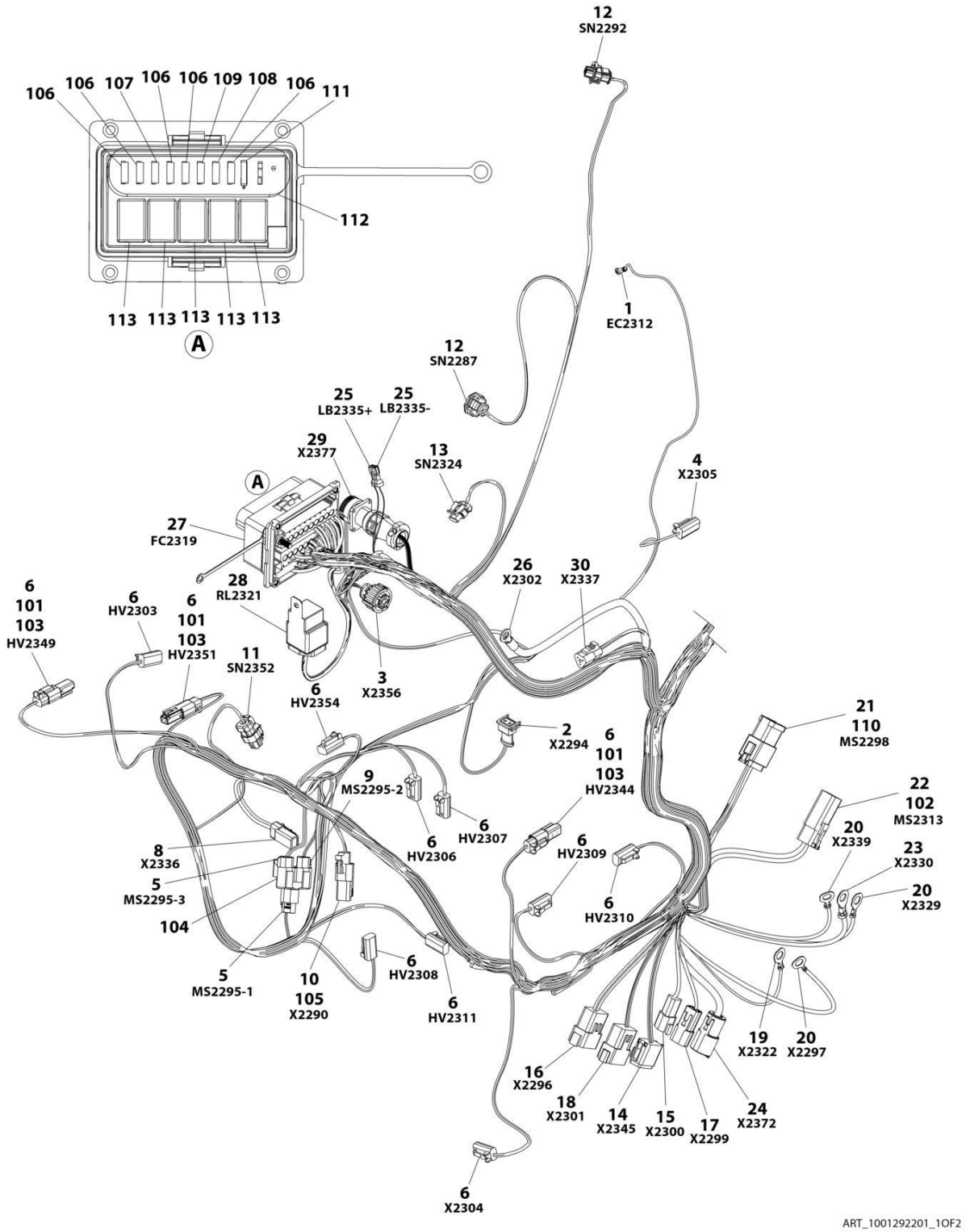


FIGURE 10-35. ENGINE HARNESS (HRC)

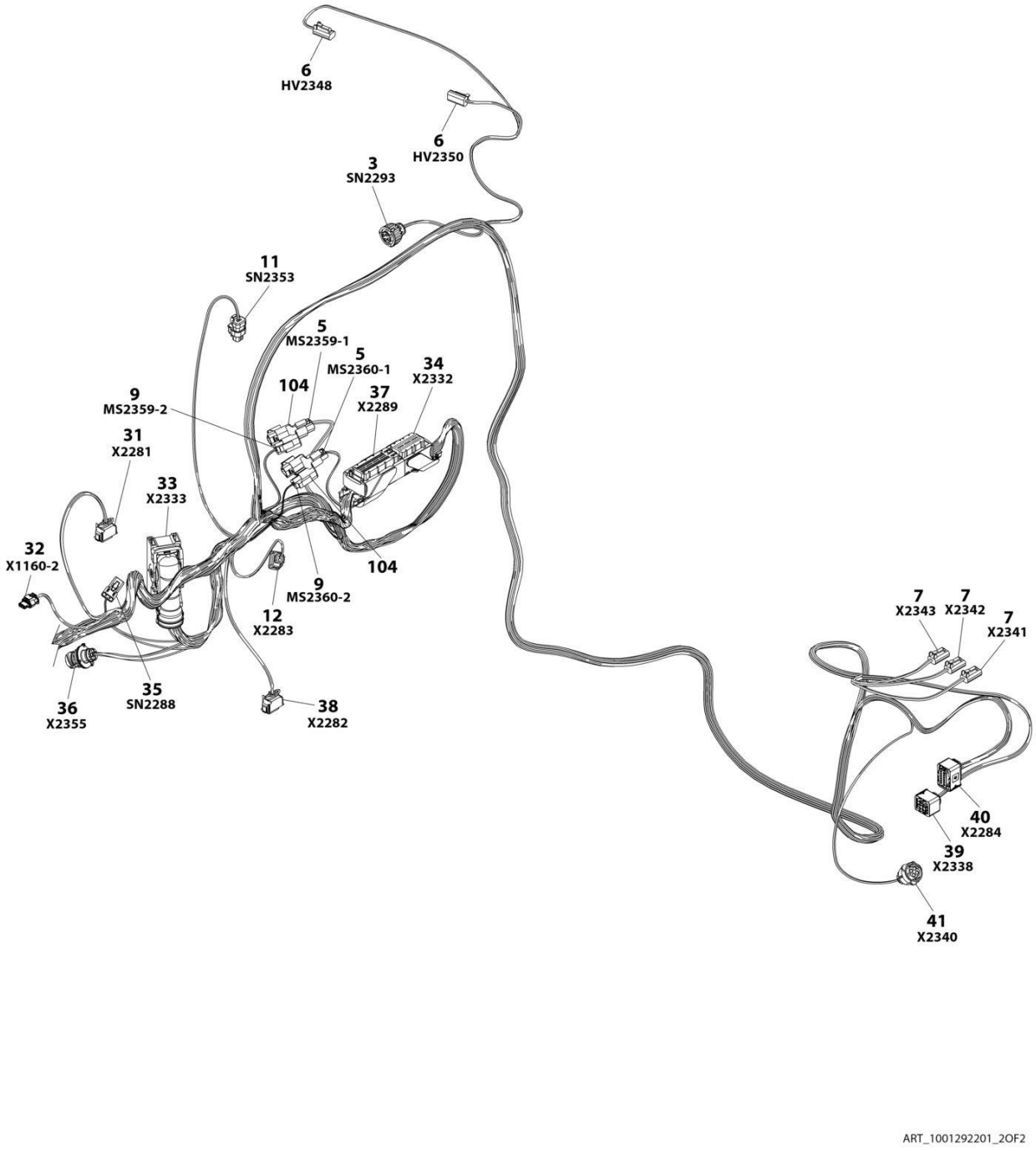


FIGURE 10-35. ENGINE HARNESS (HRC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001292201	Ref	ENGINE DEUTZ HRC HARNESS	A
1	4460247	1	Terminal, Ring	
2	1001167636	1	Connector	
2	1001166707	2	Socket	
2	4461006	2	Seal	
3	1001133714	2	Connector	
3	1001133715	6	Socket	
	1001135250	6	Seal	
4	4460891	1	Connector	
4	4460465	1	Socket	
5	1001116812	4	Connector	
5	4460944	8	Socket	
6	4460891	14	Connector	
6	4460465	28	Socket	
7	4460891	3	Connector	
7	4460942	6	Socket	
8	4461018	1	Connector	
8	4460509	2	Socket	
9	4460539	3	Connector	
9	4460944	6	Socket	
10	4461095	1	Connector	
10	4460944	2	Socket	
11	1001116950	2	Connector	
11	1001118390	4	Socket	
12	1001126487	3	Connector	
12	1001167635	6	Socket	
12	1001126485	6	Seal	
13	1001209097	1	Connector	
13	8220124	2	Socket	
13	4460608	2	Seal	
14	4460933	1	Connector	
14	4460465	7	Socket	
15	1001144147	1	Connector	
15	4460464	2	Pin	
16	4460950	1	Connector	
16	4460464	8	Pin	
17	1001116811	1	Connector	
17	4460508	1	Pin	
18	4460970	1	Connector	
18	4460464	8	Pin	
19	1001187078	1	Terminal, Ring	
20	1001187080	3	Terminal, Ring	
21	4460933	1	Connector	
21	4460465	12	Socket	
22	4460894	1	Connector	
22	4460465	6	Socket	
23	1001187076	1	Terminal, Ring	
24	1001293903	1	Connector	
24	91013191	1	Pin	
25	8220108	2	Socket	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
26	8220115	1	Terminal, Ring	
27	1001167616	1	Connector	
27	8220097	19	Socket (18AWG)	
27	1001116726	9	Socket (16AWG)	
27	8220098	9	Socket (14AWG)	
27	1001116725	3	Socket (10-12AWG)	
27	1001175265	19	Seal	
27	4460458	18	Seal	
27	80963067	3	Seal	
28	1001118282	1	Connector	
28	1001116732	2	Socket (18-20AWG)	
28	1001116734	2	Socket (12AWG)	
29	2902443	1	Connector	
29	4461071	6	Socket	
30	4460539	1	Connector	
30	4460465	3	Socket	
31	1001167631	1	Connector	
31	1001167630	4	Socket	
31	1001126485	4	Seal	
32	1001247948	1	Connector	
32	1001247955	3	Socket	
32	1001247969	3	Seal	
33	1001126362	1	Connector	
33	1001166556	36	Socket (18-22AWG)	
33	1001166774	12	Socket (16-18AWG)	
33	1001166543	2	Socket (14-16AWG)	
33	1001126393	48	Seal	
33	4461054	2	Seal	
34	1001126360	1	Connector	
34	1001126351	13	Socket (15-18AWG)	
34	1001126384	27	Socket (18-20AWG)	
35	1001126245	1	Connector	
35	1001126008	2	Socket	
36	1001148842	1	Connector	
36	1001148841	3	Socket	
37	1001126349	1	Connector	
37	1001126352	6	Socket (13-17AWG)	
37	1001126351	3	Socket (15-18AWG)	
37	1001126384	45	Socket (18-20AWG)	
37	1001126353	6	Seal	
38	1001167629	1	Connector	
38	1001167630	4	Socket	
38	1001126485	4	Seal	
39	1001167528	1	Connector	
39	1001166704	4	Socket	
39	1001137548	4	Seal	
40	1001165194	1	Connector	
40	1001166556	8	Socket (18-22AWG)	
40	1001166774	1	Socket (16-18AWG)	
40	1001126393	9	Seal	
41	1001167620	1	Connector	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
41	1001176004	2	Socket	
41	1001176002	2	Seal	
101	4460466	6	Plug	
102	4460892	1	Terminal	
103	4460897	3	Connector	
104	4460945	3	Receptacle, 3-Way	
105	4461070	1	Connector	
106	8229242	5	Fuse, 5A	
107	8229244	1	Fuse, 15A	
108	8229245	1	Fuse, 30A	
109	8229247	1	Fuse, 25A	
110	1001125677	1	Connector	
111	1001177597	1	Model, Diode	
112	1001190921	1	Seal, Fuse Box	
113	1001205172	5	Fuse, 35A	
114	1001293903	1	Connector (Not Shown)	

FIGURE 10-36. ENGINE ECU INSTALLAITON (HRC)

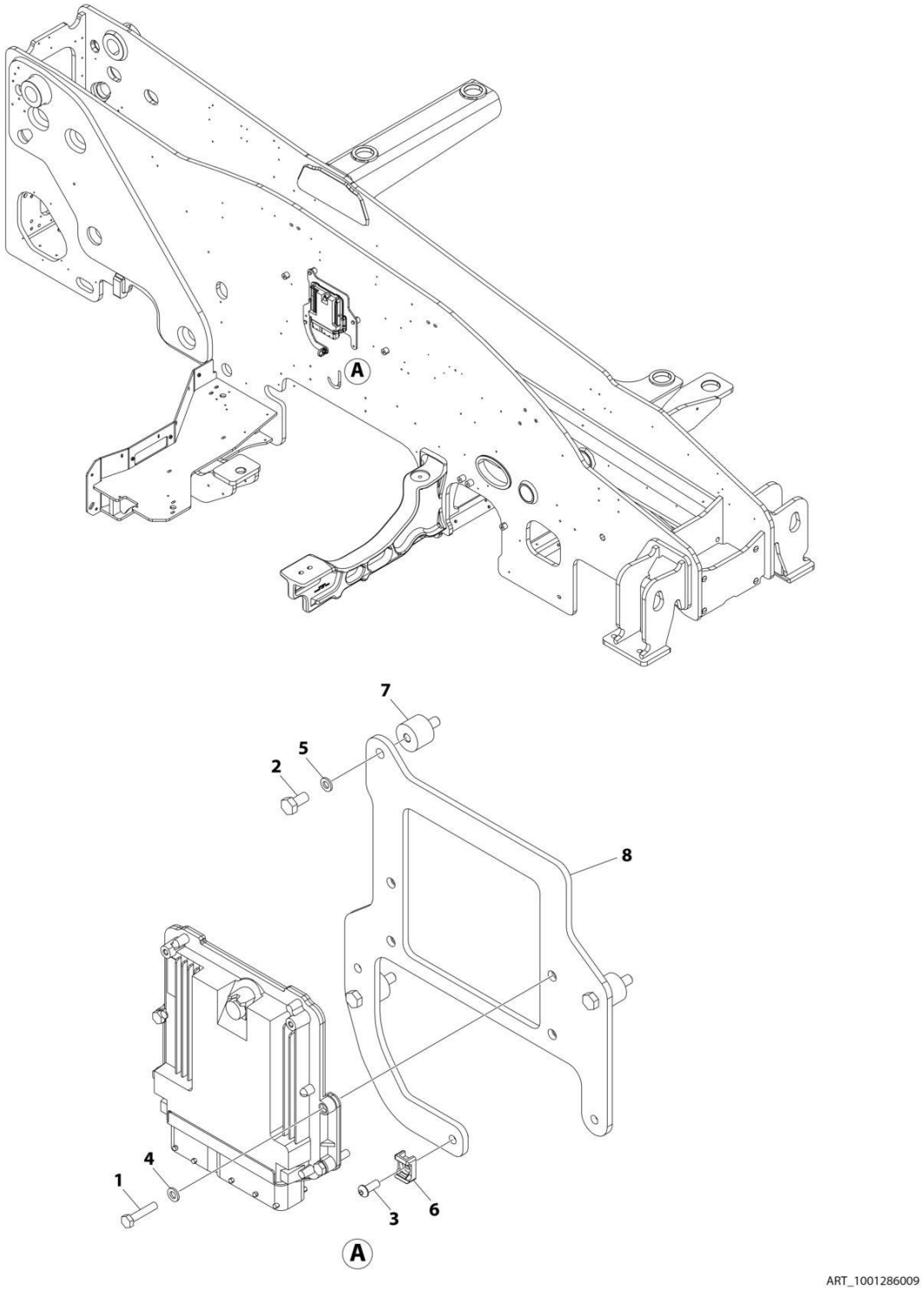
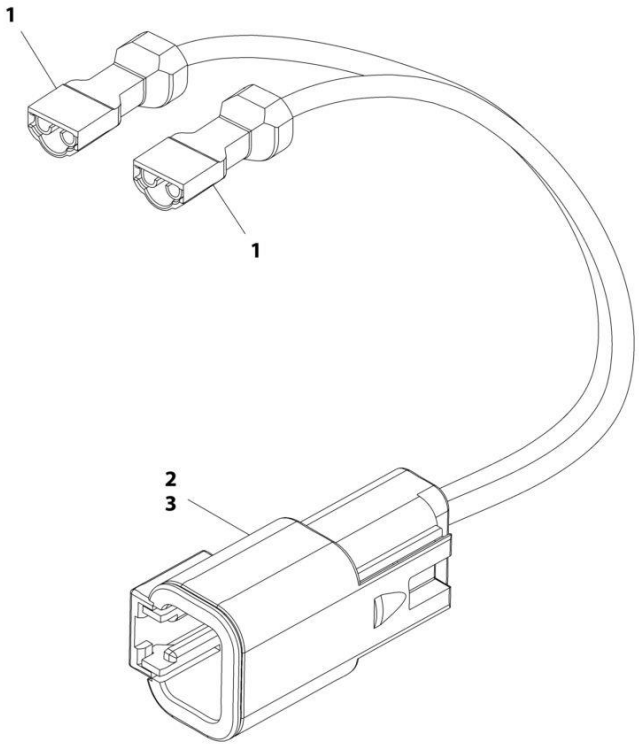


FIGURE 10-36. ENGINE ECU INSTALLAITON (HRC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001286009	Ref	ENGINE EUC INSTALLATION	A
1	0760614	4	Bolt M6 x 30	
2	0760808	3	Bolt, M8X16	
3	3900357	1	Capscrew, M6X16	
4	4811700	4	Washer, M6	
5	4811900	3	Washer, M8	
6	1001138645	1	Mount, Cable Tie	
7	1001179907	3	Mount, Isolator	
8	1001286598	1	Bracket	

FIGURE 10-37. ENGINE FUEL PUMP HARNESS

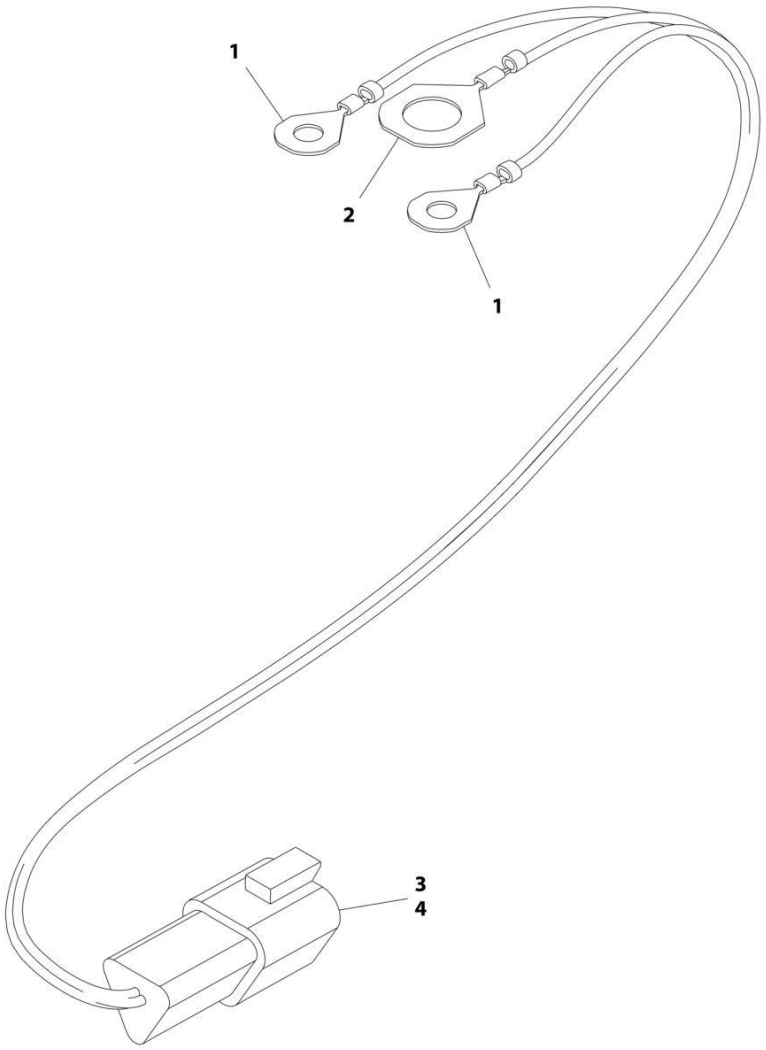


ART_1001182929-E

FIGURE 10-37. ENGINE FUEL PUMP HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182929	Ref	Fuel Pump Harness	E
1	8220043	2	Connector	
2	4461017	1	Connector	
3	4460508	2	Terminal	

FIGURE 10-38. ENGINE GLOW PLUG RELAY HARNESS

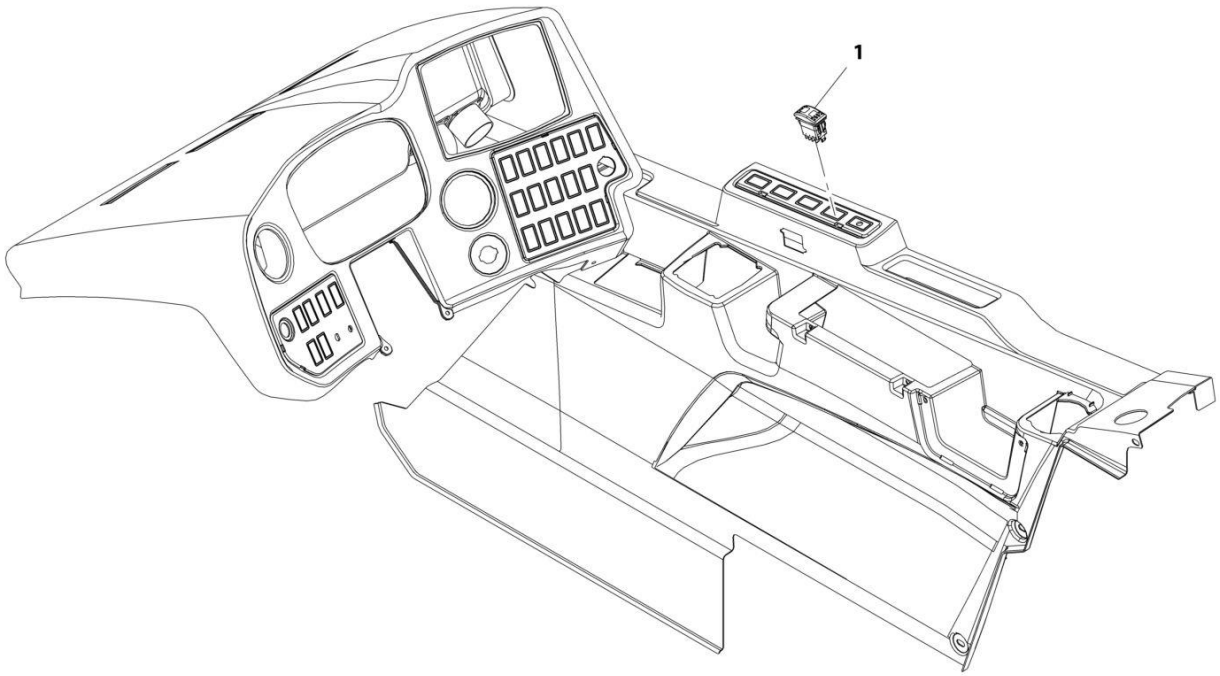


ART_1001182930-C

FIGURE 10-38. ENGINE GLOW PLUG RELAY HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182930	Ref	Glow Plug Relay Harness	C
1	1001187070	2	Ring, Terminal	
2	1001187077	1	Ring, Terminal	
3	4460536	1	Connector	
4	4460464	3	Terminal	

FIGURE 10-39. ENGINE SPEED SET SWITCH INSTALLATION



ART_1001197639-B

FIGURE 10-39. ENGINE SPEED SET SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197639	1	Engine Speed Set Switch Installation	B
1	1001198932	1	Switch, Engine Speed Set	

FIGURE 10-40. FRAME MAIN ELECTRICAL INSTALLATION

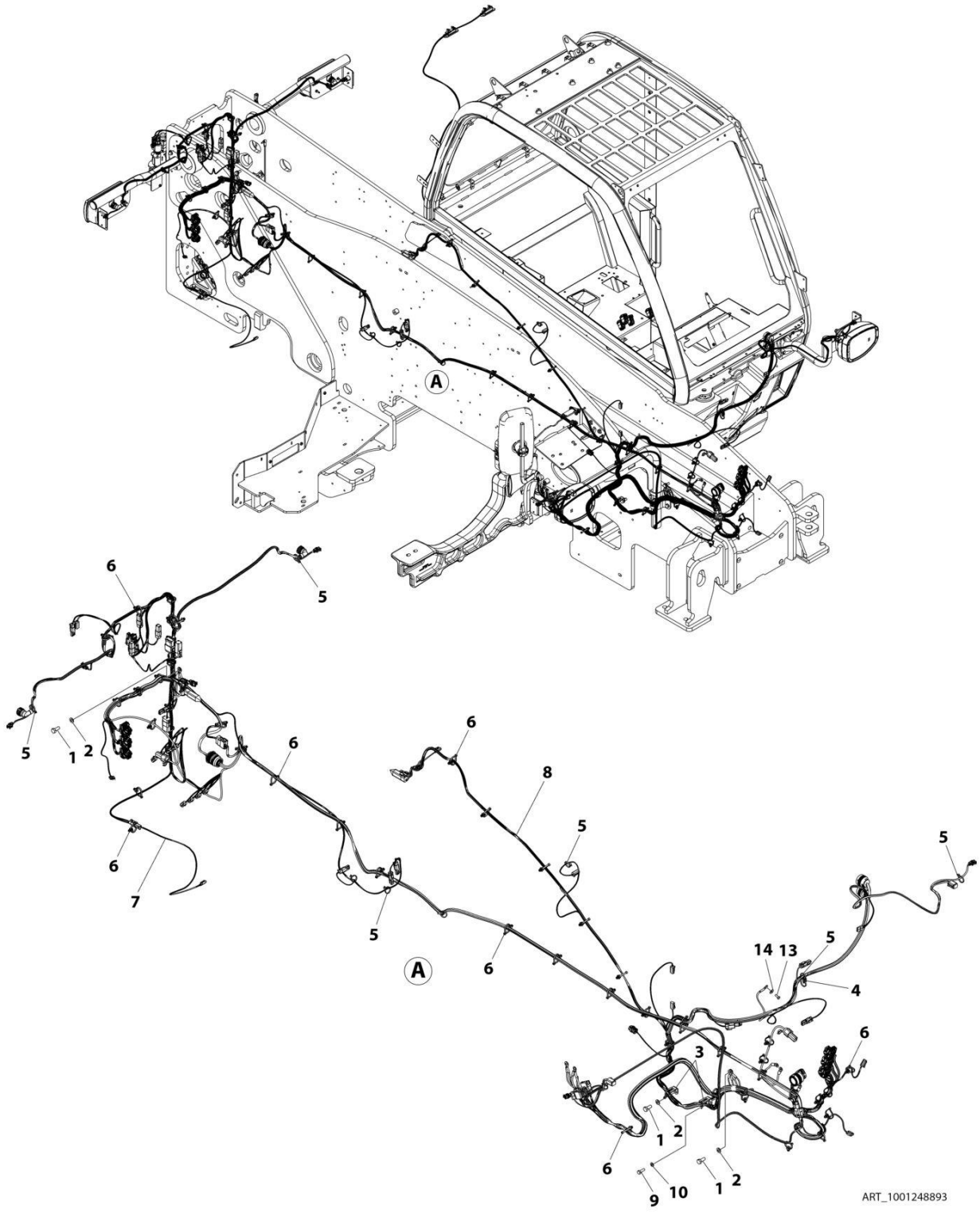


FIGURE 10-40. FRAME MAIN ELECTRICAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248893	Ref	MAIN ELECTRICAL INSTALLATION	D
1	0761012	3	Bolt, M10 x 25	
2	4812000	3	Washer, M10	
3	1001003305	2	Clip	
4	1001004723	1	Saddle	
5	1001008559	14	Strap, Cable	
6	1001146588	50	Strap, Cable Tie	
7	1001248891	1	Harness, Rear Frame (See Separate Breakdown in this Section)	
8	1001268851	1	Harness, Front Frame (See Separate Breakdown in this Section)	
9	0700812	1	Capscrew M8 x 25	
10	4811900	1	Washer M8	
13	0760608	1	Capscrew M6 x 16	
14	4811702	1	Washer M6	

FIGURE 10-41. FRAME HARNESS - FRONT

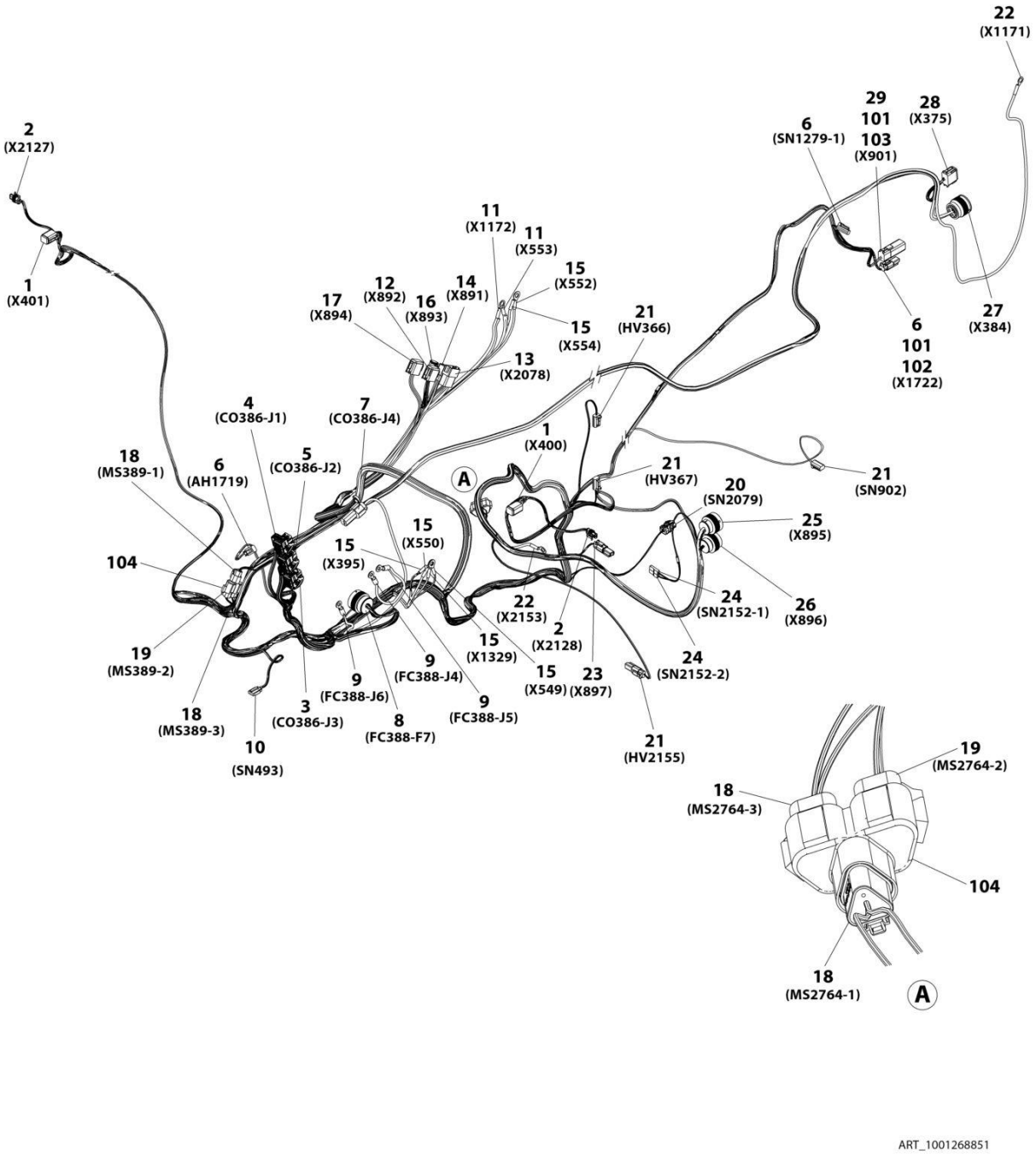


FIGURE 10-41. FRAME HARNESS - FRONT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001268851	Ref	FRONT FRAME HARNESS	A
1	4460894	2	Connector	
1	4460942	10	Socket	
1	4460466	2	Plug	
2	4461118	2	Connector	
2	1001107854	4	Socket	
3	1001160500	1	Connector	
3	1001161095	11	Socket (18AWG)	
3	1001161099	7	Socket (16-14AWG)	
3	1001161100	14	Plug	
4	1001161957	1	Connector	
4	1001161095	11	Socket (18AWG)	
4	1001161098	3	Socket (20-16AWG)	
4	1001161100	17	Plug	
5	1001161963	1	Connector	
5	1001161095	18	Socket (18AWG)	
5	1001161099	6	Socket (16-14AWG)	
5	1001161101	23	Plug	
6	4460891	3	Connector	
6	4460742	6	Socket	
7	1001160509	1	Connector	
7	1001160510	1	Socket	
7	1001175266	1	Seal	
8	1001165309	1	Connector	
8	4460465	7	Socket (16-20AWG)	
8	1001150611	4	Socket (10-12AWG)	
8	4460509	6	Socket (12-14AWG)	
8	4460466	2	Plug	
9	8220114	3	Terminal, Ring	
10	4460911	1	Connector	
10	1001126008	3	Socket	
11	1001128127	2	Terminal, Ring	
12	4460933	1	Connector	
12	4460465	9	Socket	
12	4460466	3	Plug	
13	4460970	1	Connector	
13	4460464	7	Socket	
13	4460466	5	Plug	
14	1001116810	1	Connector	
14	4460509	4	Socket	
15	1001117110	6	Terminal, Ring	
16	1001116812	1	Connector	
16	4460465	2	Socket	
16	4460466	1	Plug	
17	4460836	1	Connector	
17	4460942	1	Socket (14-16AWG)	
17	4460465	9	Socket (16-20AWG)	
17	4460466	2	Plug	
18	1001116812	4	Connector	
18	4460944	8	Socket	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
18	4460466	4	Plug	
19	4460539	2	Connector	
19	4460944	4	Socket	
19	4460466	2	Plug	
20	1001116950	1	Connector	
20	4460465	2	Socket	
21	4460891	4	Connector	
21	4460465	8	Socket	
22	1001119109	2	Terminal, Ring	
23	4460891	1	Connector	
23	1001157890	1	Socket	
23	4460466	1	Plug	
24	1001116995	2	Connector	
24	1001118379	2	Socket	
25	1001118323	1	Connector	
25	4460942	4	Socket (14-16AWG)	
25	91013192	2	Socket (6AWG)	
26	4461015	1	Connector	
26	4460465	9	Socket	
26	4460466	5	Plug	
27	1001165310	1	Connector	
27	91013192	2	Socket	
27	1001116686	4	Plug	
28	4460933	1	Connector	
28	4460465	3	Socket (16-20AWG)	
28	4460942	1	Socket (14-16AWG)	
28	1001157890	2	Socket (12-16AWG)	
28	4460466	6	Plug	
29	4460894	1	Connector	
29	4460942	4	Socket (14-16AWG)	
29	4460465	2	Socket (16-20AWG)	

FIGURE 10-42. FRAME HARNESS - FRONT

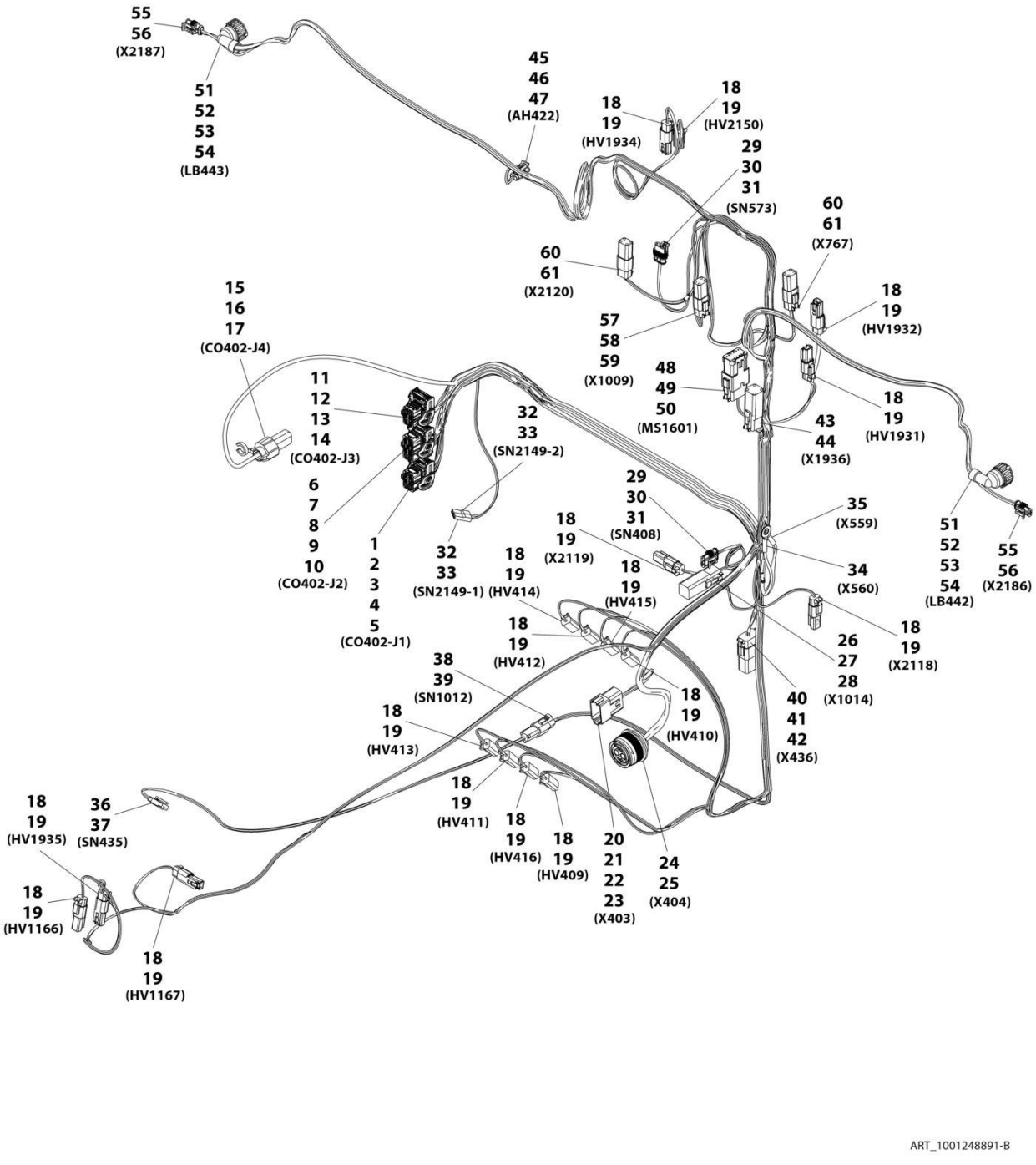


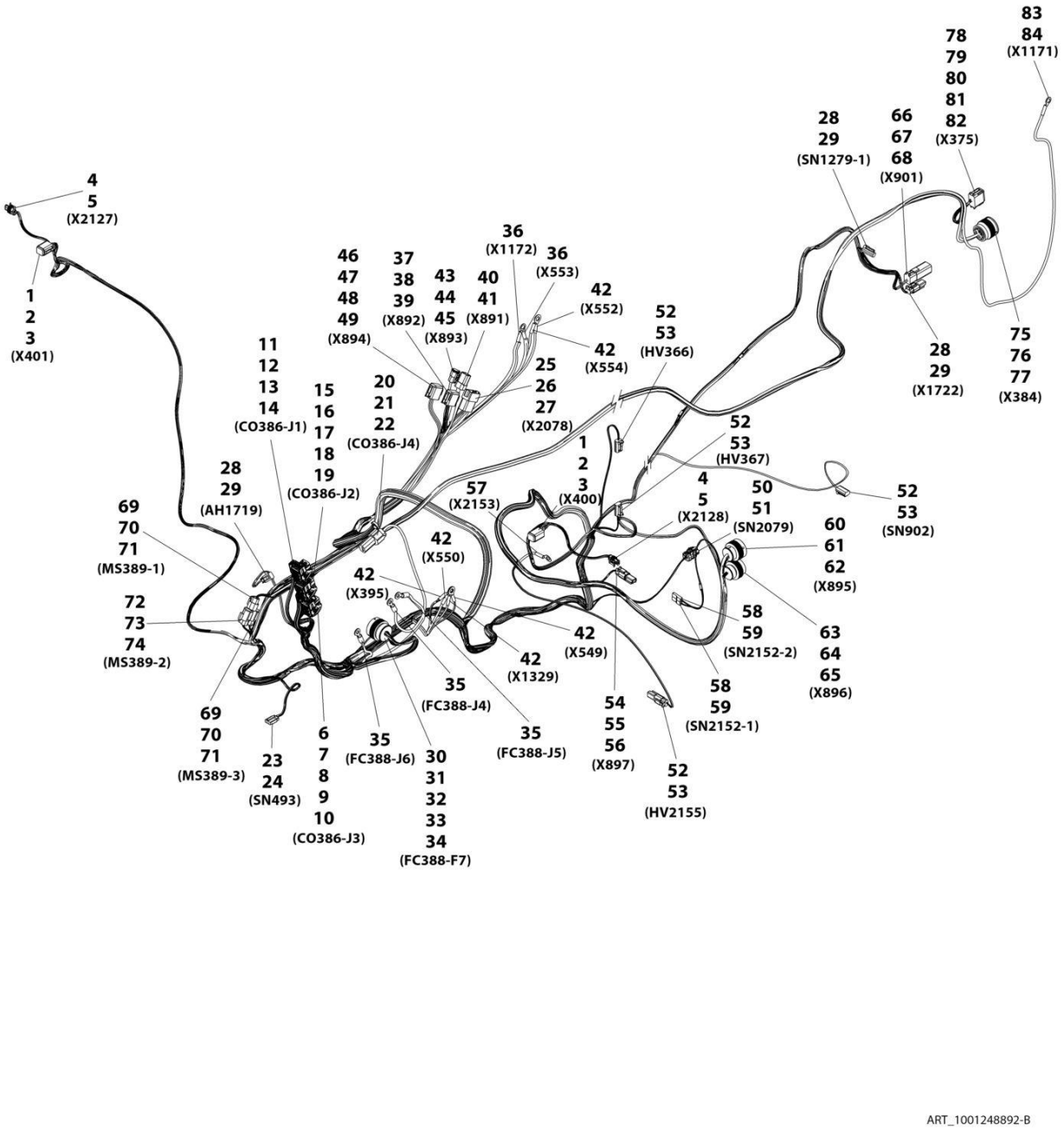
FIGURE 10-42. FRAME HARNESS - FRONT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248891	Ref	Rear Frame Harness	B
1	1001161958	1	Connector	
2	1001161095	11	Terminal	
3	1001161100	13	Terminal	
4	1001161101	4	Terminal	
5	1001161099	4	Terminal	
6	1001161964	1	Connector	
7	1001161095	29	Terminal	
8	1001161100	11	Plug	
9	1001161099	7	Terminal	
10	1001161101	1	Plug	
11	1001160499	1	Connector	
12	1001161100	20	Plug	
13	1001161095	5	Terminal	
14	1001161099	7	Terminal	
15	1001160509	1	Connector	
16	1001160510	1	Terminal	
17	1001175266	1	Seal	
18	4460891	1	Connector	
19	4460465	2	Terminal	
20	4460970	1	Connector	
21	4460464	4	Terminal	
22	1001157891	1	Terminal	
23	4460466	7	Plug	
24	1001165311	1	Connector	
25	91013191	2	Terminal	
26	4460894	1	Connector	
27	4460465	2	Terminal	
28	4460466	4	Plug	
29	4461262	1	Connector	
30	1001107854	3	Terminal	
31	1001104498	3	Seal	
32	1001116995	1	Connector	
33	1001118379	1	Terminal	
34	1001117110	1	Connector	
35	1001117108	1	Connector	
36	4460911	1	Connector	
37	1001126008	3	Terminal	
38	4460539	1	Connector	
39	4460465	3	Terminal	
40	4460931	1	Connector	
41	4460465	6	Terminal	
42	4460466	2	Plug	
43	4460894	1	Connector	
44	4460942	6	Terminal	
45	4461118	1	Connector	
46	1001107854	2	Terminal	
47	1001104498	2	Seal	
48	4460933	1	Connector	
49	4460465	10	Terminal	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	4460466	2	Plug	
51	1001116996	1	Connector	
52	1001118392	6	Terminal	
53	4461054	6	Seal	
54	1001116696	1	Plug	
55	4461118	1	Connector	
56	1001107854	2	Terminal	
57	4460884	1	Connector	
58	4460465	2	Terminal	
59	4460466	2	Plug	
60	4460884	1	Connector	
61	4460465	4	Plug	

FIGURE 10-43. FRAME HARNESS - REAR



ART_1001248892-B

FIGURE 10-43. FRAME HARNESS - REAR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248892	Ref	Front Frame Harness	B
1	4460894	1	Connector	
2	4460942	5	Terminal	
3	4460466	1	Plug	
4	4461118	1	Connector	
5	1001107854	3	Terminal	
6	1001160500	1	Connector	
7	1001161100	13	Plug	
8	1001161095	11	Terminal	
9	1001161101	1	Plug	
10	1001161099	7	Terminal	
11	1001161957	1	Connector	
12	1001161095	11	Terminal	
13	1001161100	18	Plug	
14	1001161098	3	Terminal	
15	1001161963	1	Connector	
16	1001161095	18	Terminal	
17	1001161100	22	Plug	
18	1001161099	6	Terminal	
19	1001161101	2	Plug	
20	1001160509	1	Connector	
21	1001160510	1	Terminal	
22	1001175266	1	Seal	
23	4460911	1	Connector	
24	1001126008	3	Terminal	
25	4460970	1	Connector	
26	4460464	7	Terminal	
27	4460466	5	Plug	
28	4460891	1	Connector	
29	4460942	2	Terminal	
30	1001165309	1	Connector	
31	4460466	2	Plug	
32	4460465	7	Terminal	
33	4460509	7	Terminal	
34	1001150611	4	Terminal	
35	8220114	1	Connector	
36	1001128127	1	Connector	
37	4460933	1	Connector	
38	4460465	9	Terminal	
39	4460466	3	Plug	
40	1001116810	1	Connector	
41	4460509	4	Terminal	
42	1001117110	1	Connector	
43	1001116812	1	Connector	
44	4460465	2	Terminal	
45	4460466	1	Terminal	
46	4460836	1	Connector	
47	4460942	1	Terminal	
48	4460465	9	Terminal	
49	4460466	2	Plug	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	1001116950	1	Connector	
51	4460465	2	Terminal	
52	4460891	1	Connector	
53	4460465	2	Terminal	
54	4460891	1	Connector	
55	1001157890	1	Terminal	
56	4460466	1	Plug	
57	1001117109	1	Connector	
58	1001116995	1	Connector	
59	1001118379	1	Terminal	
60	1001118323	1	Connector	
61	4460942	4	Terminal	
62	91013192	2	Terminal	
63	4461015	1	Connector	
64	4460465	7	Terminal	
65	4460466	7	Plug	
66	4460894	1	Connector	
67	4460942	4	Terminal	
68	4460465	2	Terminal	
69	1001116812	1	Connector	
70	4460944	2	Terminal	
71	4460466	1	Plug	
72	4460539	1	Connector	
73	4460944	2	Terminal	
74	4460466	1	Plug	
75	1001165310	1	Connector	
76	1001116686	4	Terminal	
77	91013192	2	Terminal	
78	4460933	1	Connector	
79	4460465	3	Terminal	
80	4460942	1	Terminal	
81	1001157890	2	Terminal	
82	4460466	6	Plug	
83	1001117108	1	Connector	
84	1001117109	1	Terminal	

FIGURE 10-44. HVAC ACTUATOR HARNESS

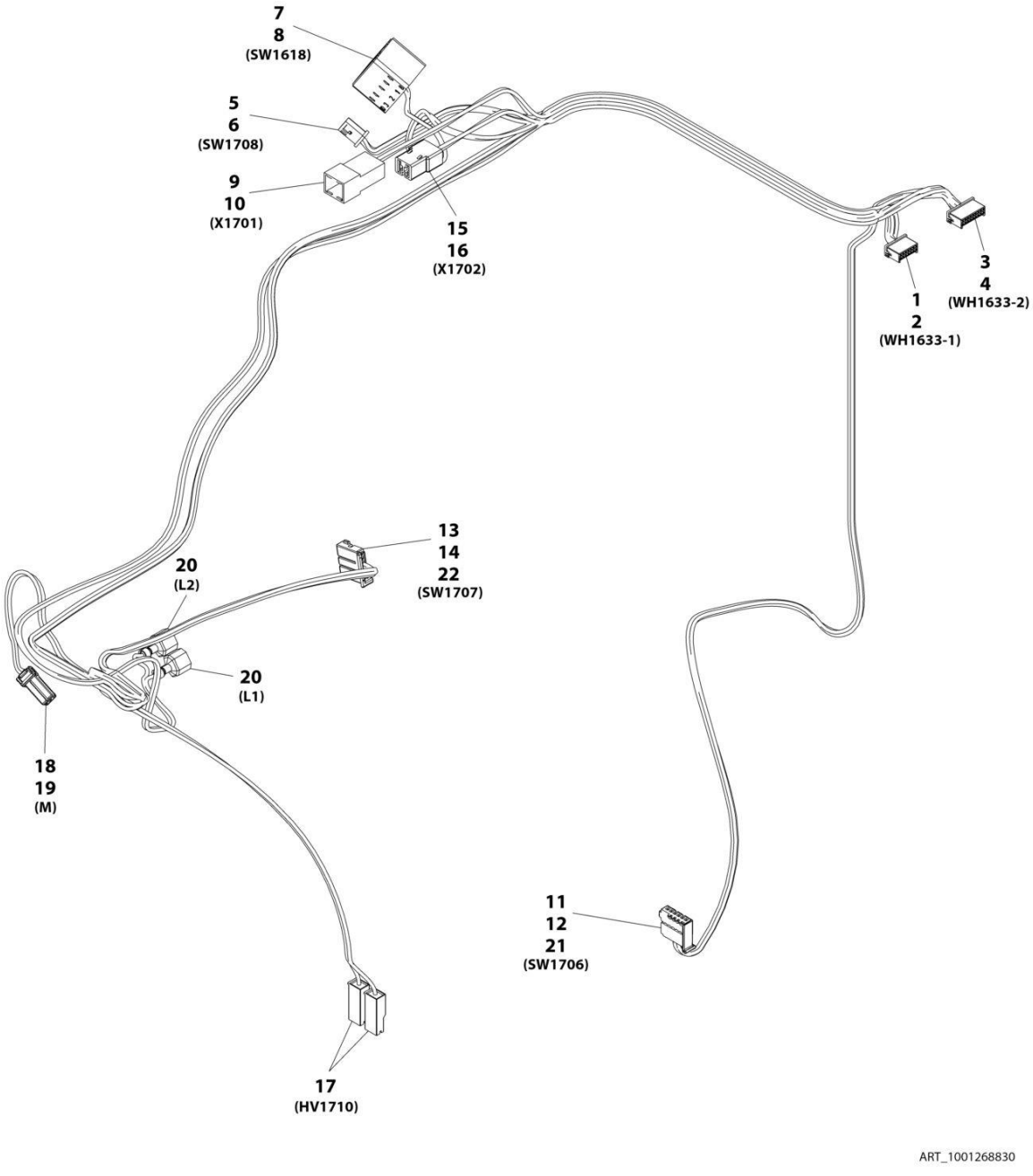


FIGURE 10-44. HVAC ACTUATOR HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001268830	Ref	CAB HVAC ACTUATOR HARNESS	B
1	1001274536	1	Connector	
2	1001274543	10	Terminal	
3	1001274537	1	Connector	
4	1001274543	8	Terminal	
5	1001184473	1	Connector	
6	1001184479	3	Terminal	
7	1001274533	1	Connector	
8	1001274539	4	Terminal	
9	1001116999	1	Connector	
10	1001274540	2	Terminal	
11	1001274534	1	Connector	
12	1001274541	2	Terminal	
13	1001274534	1	Connector	
14	1001274541	5	Terminal	
15	1001116991	1	Connector	
16	1001116720	2	Terminal	
17	1001274535	2	Connector	
18	1001274538	1	Connector	
19	1001274544	2	Terminal	
20	8220050	2	Terminal	
21	1001274553	1	Retainer	
22	1001274553	1	Retainer	

FIGURE 10-45. IGNITION SWITCH INSTALLATION

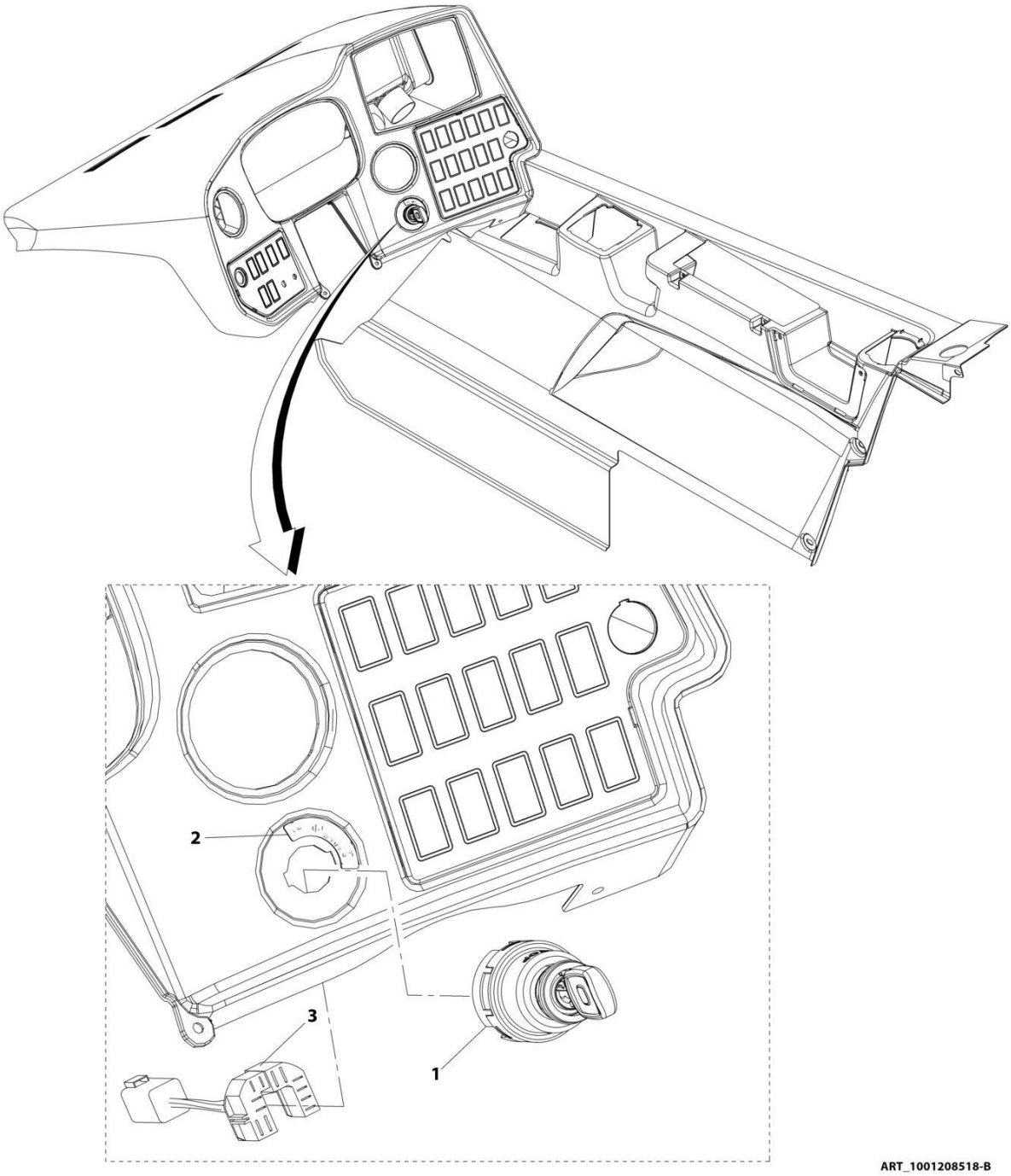


FIGURE 10-45. IGNITION SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001208518	Ref	Ignition Switch Installation	B
1	1001102502	1	Switch, 4 Position Key	
1	70022765	1	Key, Ignition	
2	1001181531	1	Decal, Ignition Switch	
3	1001223968	1	Harness, Ignition Switch	

FIGURE 10-46. LIGHTS - DIP LIGHTS INSTALLATION (RH)

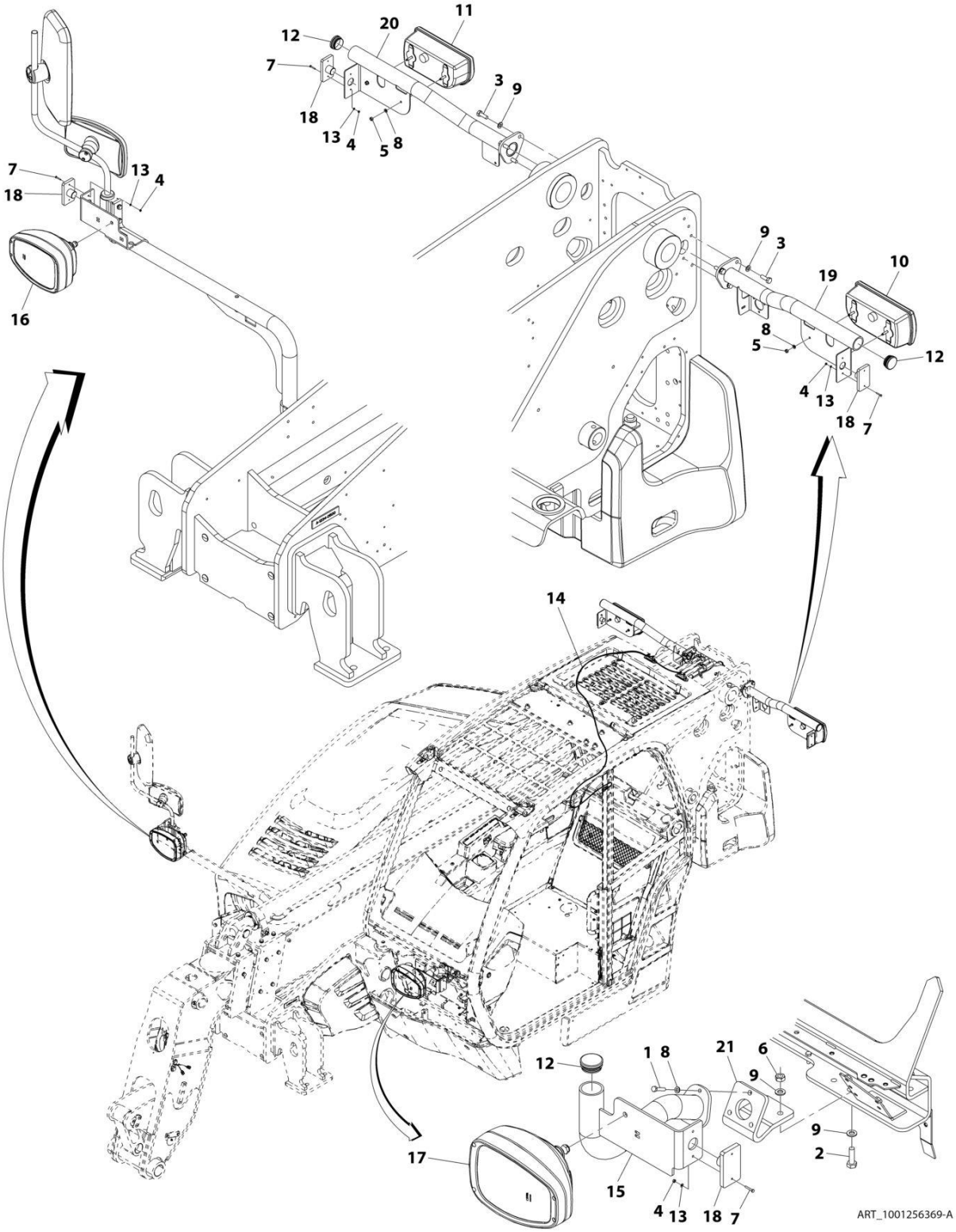


FIGURE 10-46. LIGHTS - DIP LIGHTS INSTALLATION (RH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256369	Ref	Dip Lights Installation (RHD - No Outriggers)	B
1	0700614	3	Bolt M6 X 30	
2	0701015	2	Bolt M10 X 35	
3	0761012	1	Bolt M10 X 25	
4	3290305	8	Nut, Lock M3 X 0.5	
5	3290601	4	Nut M6 X 1	
6	3291001	2	Nut M10 X 1.5	
7	4010310	8	Screw M3 X 20	
8	4811700	7	Washer M6	
9	4812000	10	Washer M10	
10	1001091715	1	Taillight (LH)	
11	1001091716	1	Taillight (RH)	
12	1001096913	3	Bracket	
13	1001110544	8	Washer	
14	1001189569	1	Installation, License Plate Lamp (See Separate Breakdown in this Section)	
15	1001242650	1	Bracket	
16	1001244593	1	Headlight (RH)	
17	1001244594	1	Headlight (LH)	
18	1001248416	4	Light, Side Marker	
19	1001248899	1	Bracket	
20	1001248901	1	Bracket	
21	1001248902	1	Mount	

FIGURE 10-47. LIGHTS - LICENSE PLATE LAMP INSTALLATION

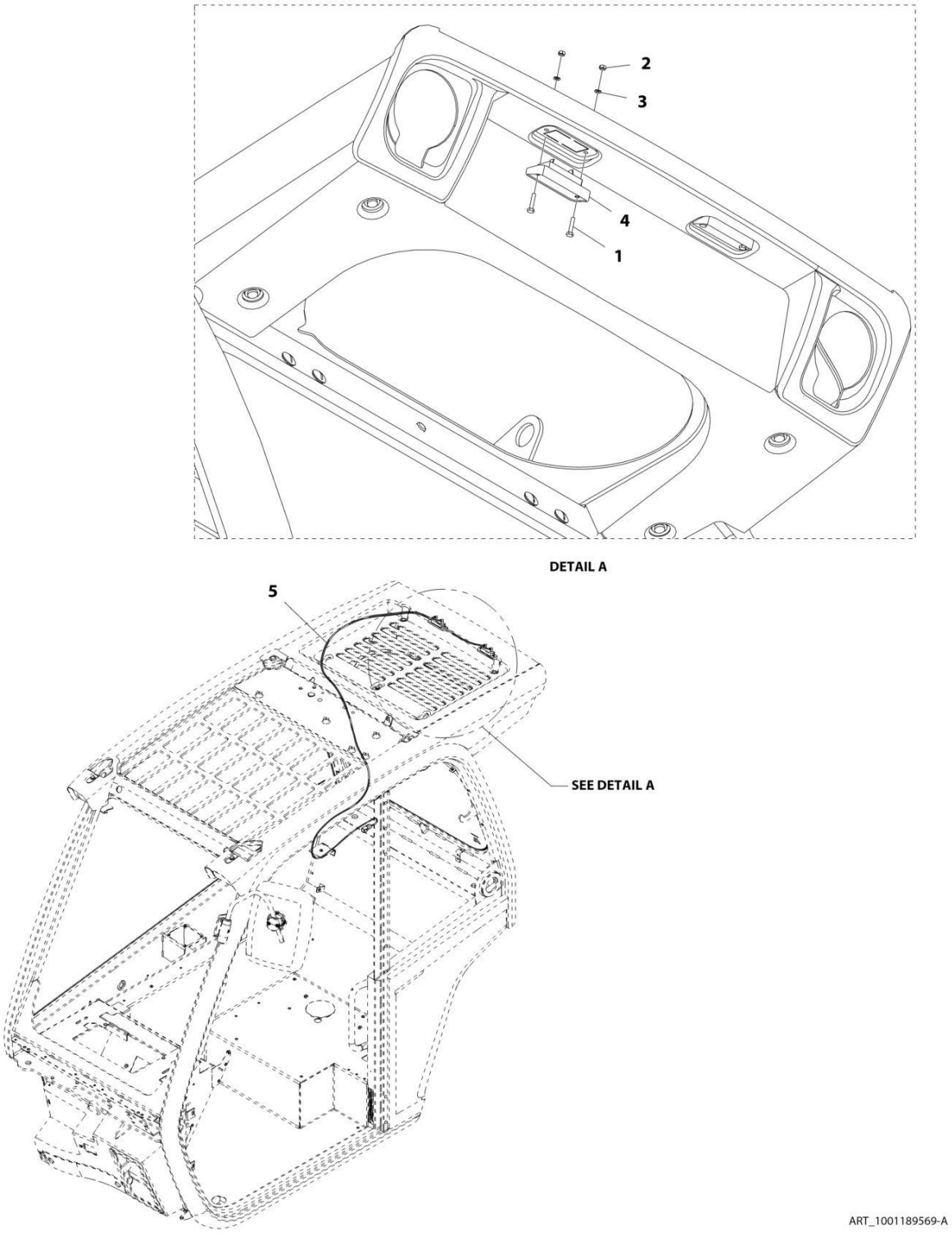


FIGURE 10-47. LIGHTS - LICENSE PLATE LAMP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001189569	Ref	License Plate Lamp Installation	A
1	0760410	4	Bolt, M4X20	
2	3290401	4	Nut, M4X0.7 Grade 8	
3	4831400	4	Washer, Lock M4	
4	1001173829	2	Lamp, License Plate	
5	1001178053	1	Harness, License Light (See Separate Breakdown in this Section)	

FIGURE 10-48. LIGHTS - LICENSE PLATE LAMP HARNESS

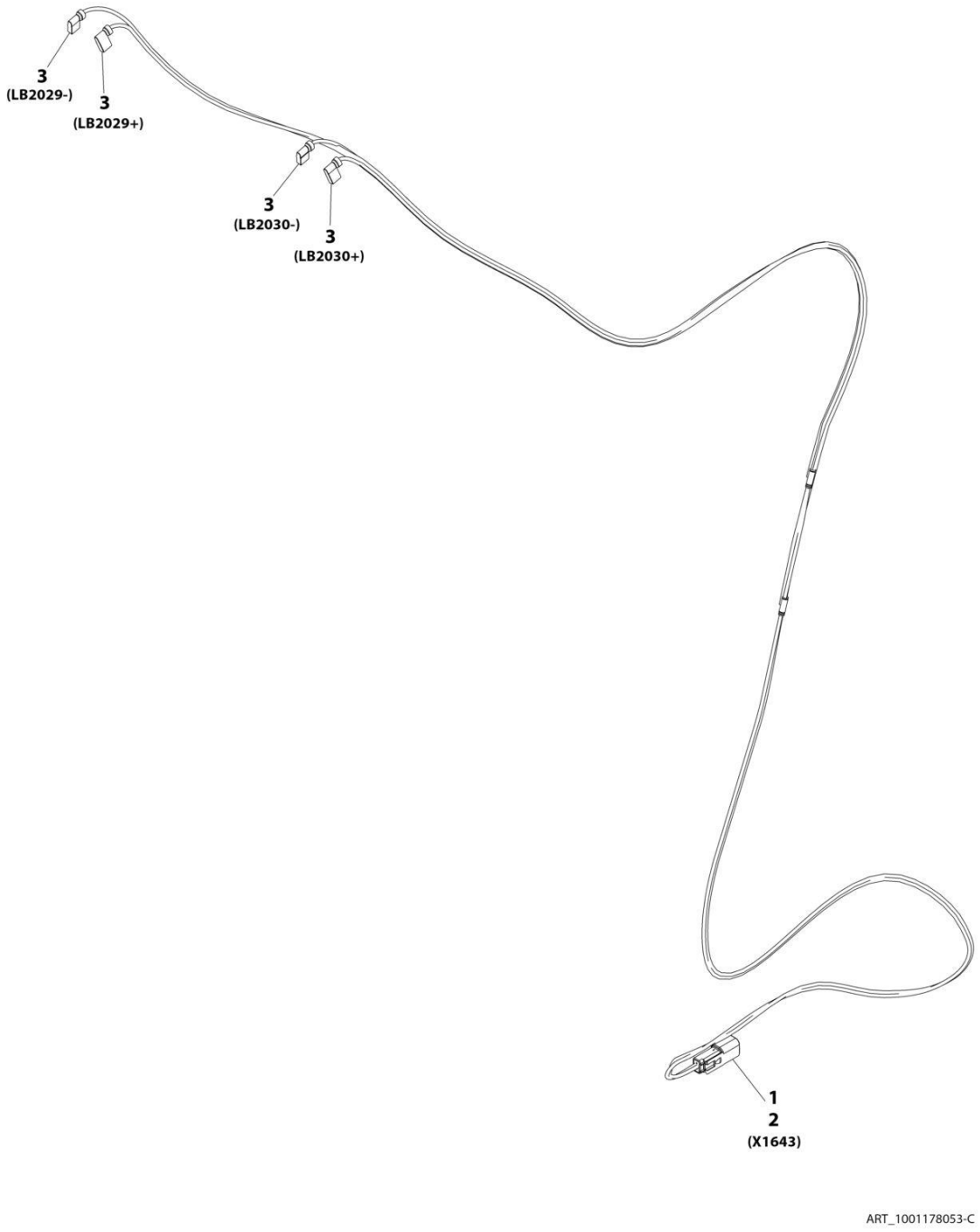


FIGURE 10-48. LIGHTS - LICENSE PLATE LAMP HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178053	Ref	License Light Harness	C
1	4460897	1	Connector	
2	4460941	2	Terminal	
3	1001190396	4	Connector	

FIGURE 10-49. LIGHTS - NO ROADLIGHTS INSTALLATION

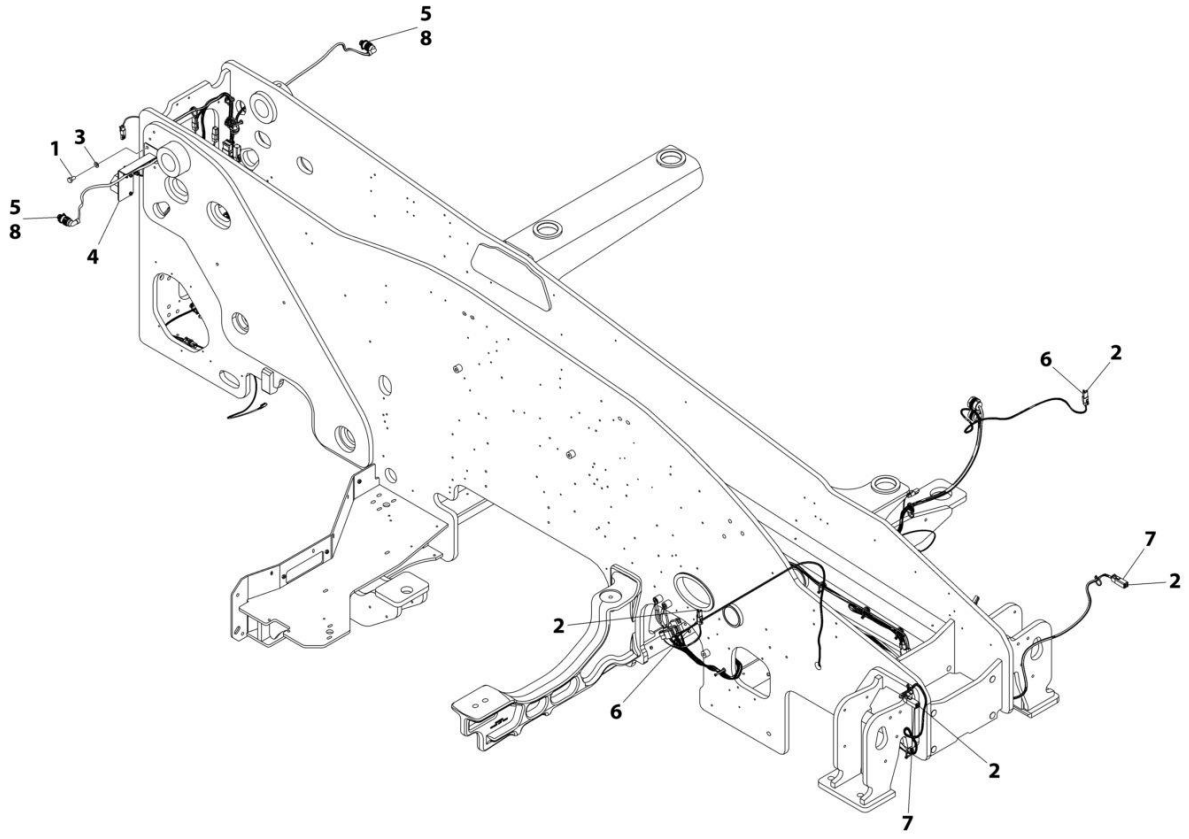
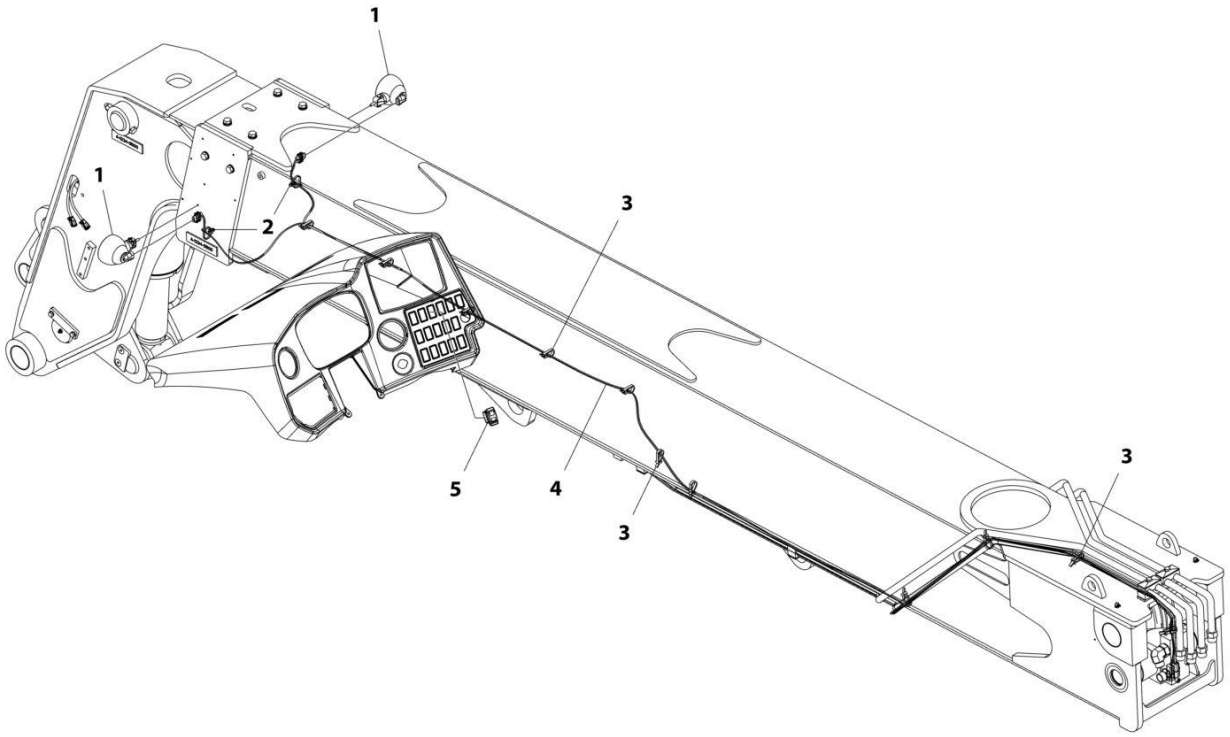


FIGURE 10-49. LIGHTS - NO ROADLIGHTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225382	Ref	No Road Lights Installation	A
1	0761010	2	Bolt, M10X20	
2	4460466	18	Plug	
3	4812000	2	Washer, M10	
4	1001225386	1	Mount, Reverse Alarm	
5	1001225658	2	Connector	
6	4460536	2	Connector	
7	4460899	2	Connector	
8	4461008	14	Plug	

FIGURE 10-50. LIGHTS - WORKLIGHTS INSTALLATION (BOOM MOUNTED)



ART_1001180529

FIGURE 10-50. LIGHTS - WORKLIGHTS INSTALLATION (BOOM MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180529	Ref	Boom Worklights Installation	D
1	2920206	2	Worklight	
2	1001146588	2	Strap, Cable	
3	1001008923	11	Strap, Cable	
4	1001183297	1	Harness, Boom Worklights (See Separate Breakdown in this Section)	
5	1001159739	1	Switch, Boom Worklights	

FIGURE 10-51. LIGHTS - WORKLIGHTS INSTALLATION - LED (BOOM MOUNTED)

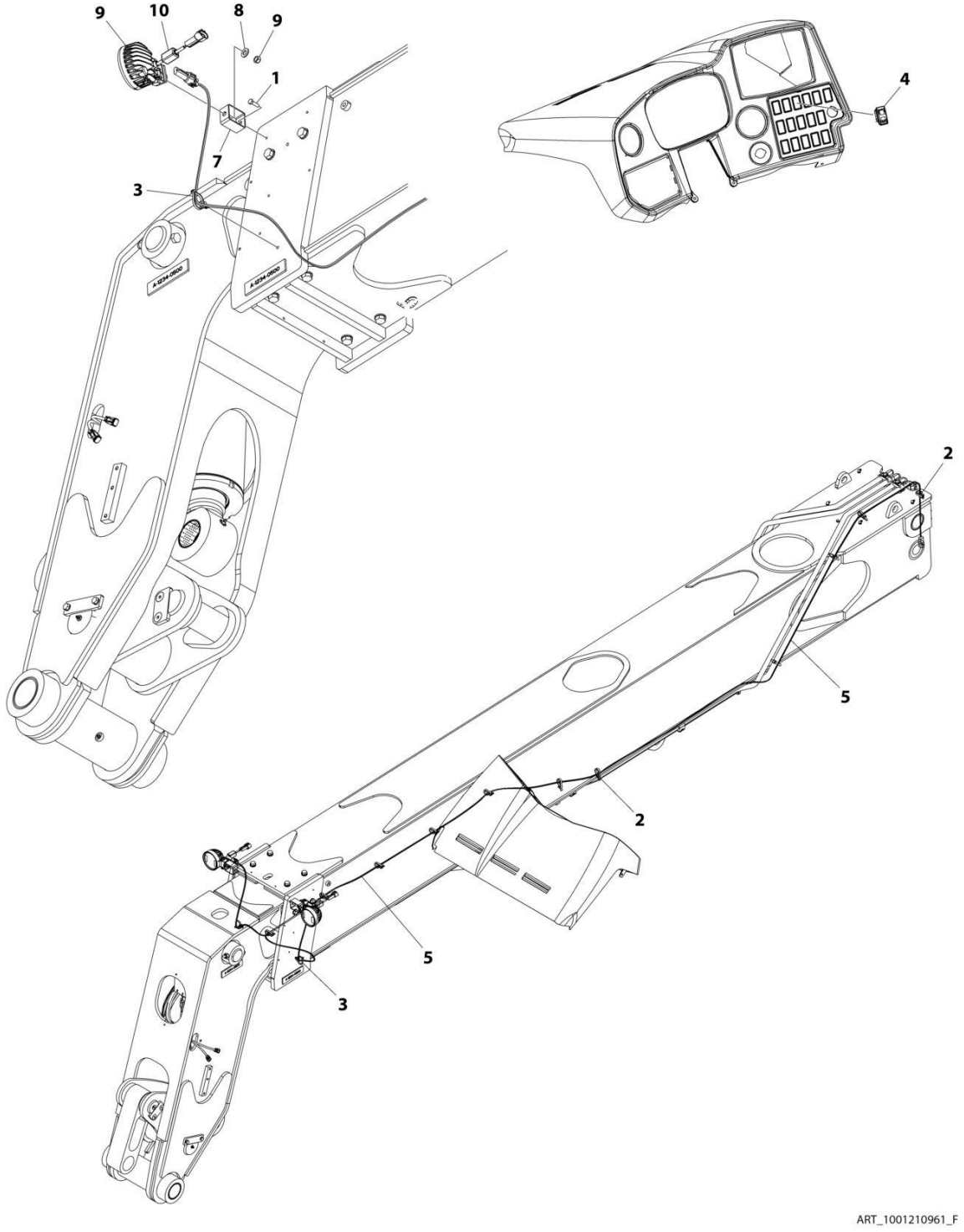


FIGURE 10-51. LIGHTS - WORKLIGHTS INSTALLATION - LED (BOOM MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210961	Ref	BOOM LED WORKLIGHTS INSTALLATION	F
1	0760610	2	Bolt M6 x 20	
2	1001008923	11	Strap, Cable	
3	1001146588	2	Strap, Tie	
4	1001159739	1	Switch, Boom Worklights	
5	1001183297	1	Harness, Boom Worklights (See Separate Breakdown in this Section)	
7	1001210962	2	Bracket	
8	4812000	2	Washer M10	
9	1001273635	2	Worklights	
10	1001228989	2	Ferrite	

FIGURE 10-52. LIGHTS - WORKLIGHTS HARNESS (BOOM MOUNTED LIGHTS)

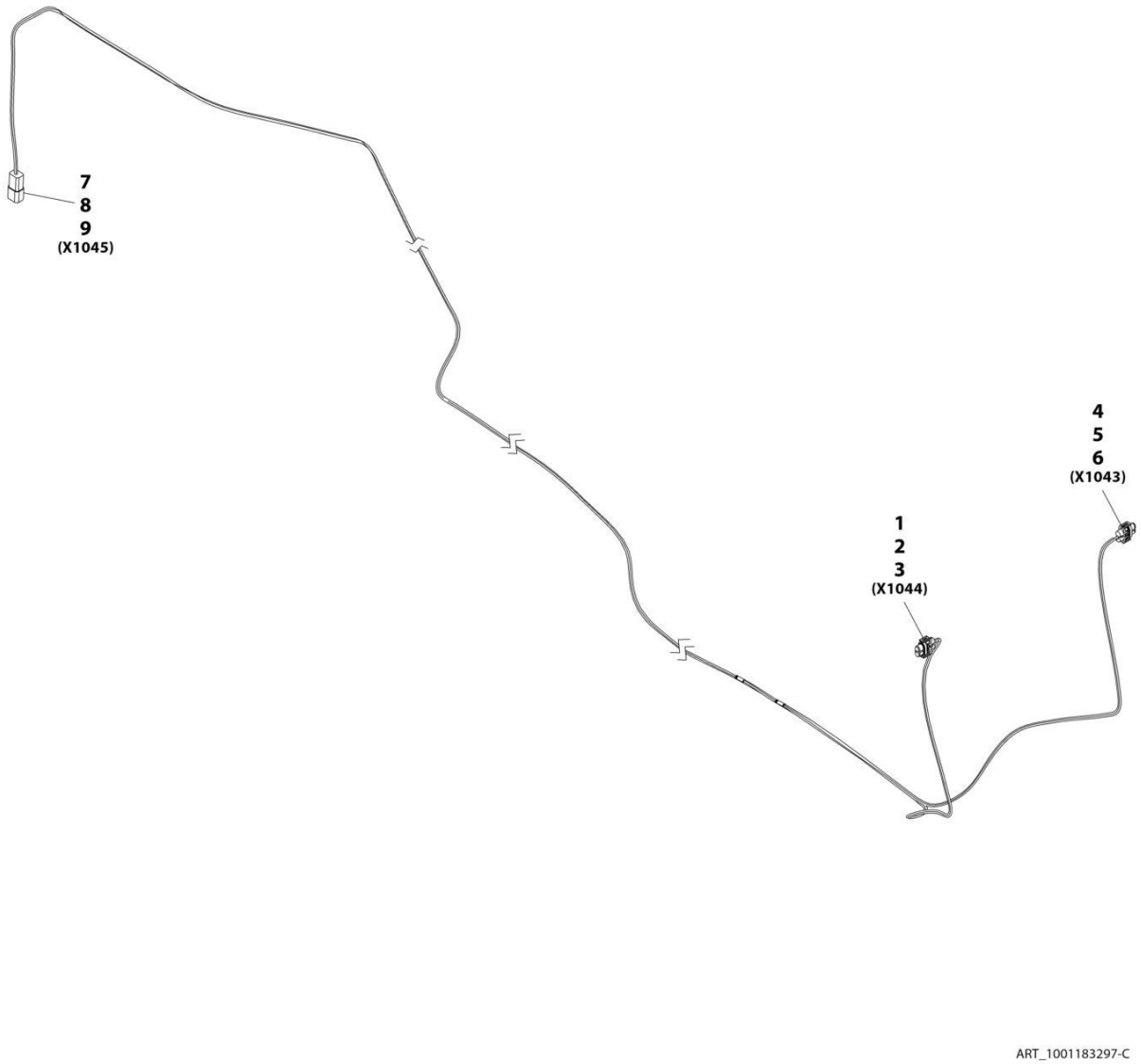


FIGURE 10-52. LIGHTS - WORKLIGHTS HARNESS (BOOM MOUNTED LIGHTS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183297	Ref	Boom Worklights Harness	C
1	4461115	1	Connector	
2	1001116728	2	Terminal	
3	4460458	2	Seal	
4	4461115	1	Connector	
5	1001116728	2	Terminal	
6	4460458	2	Seal	
7	4460932	1	Connector	
8	4460464	2	Terminal	
9	4460466	2	Plug	

FIGURE 10-53. LIGHTS - WORKLIGHTS INSTALLATION (CAB MOUNTED) (NO A/C)

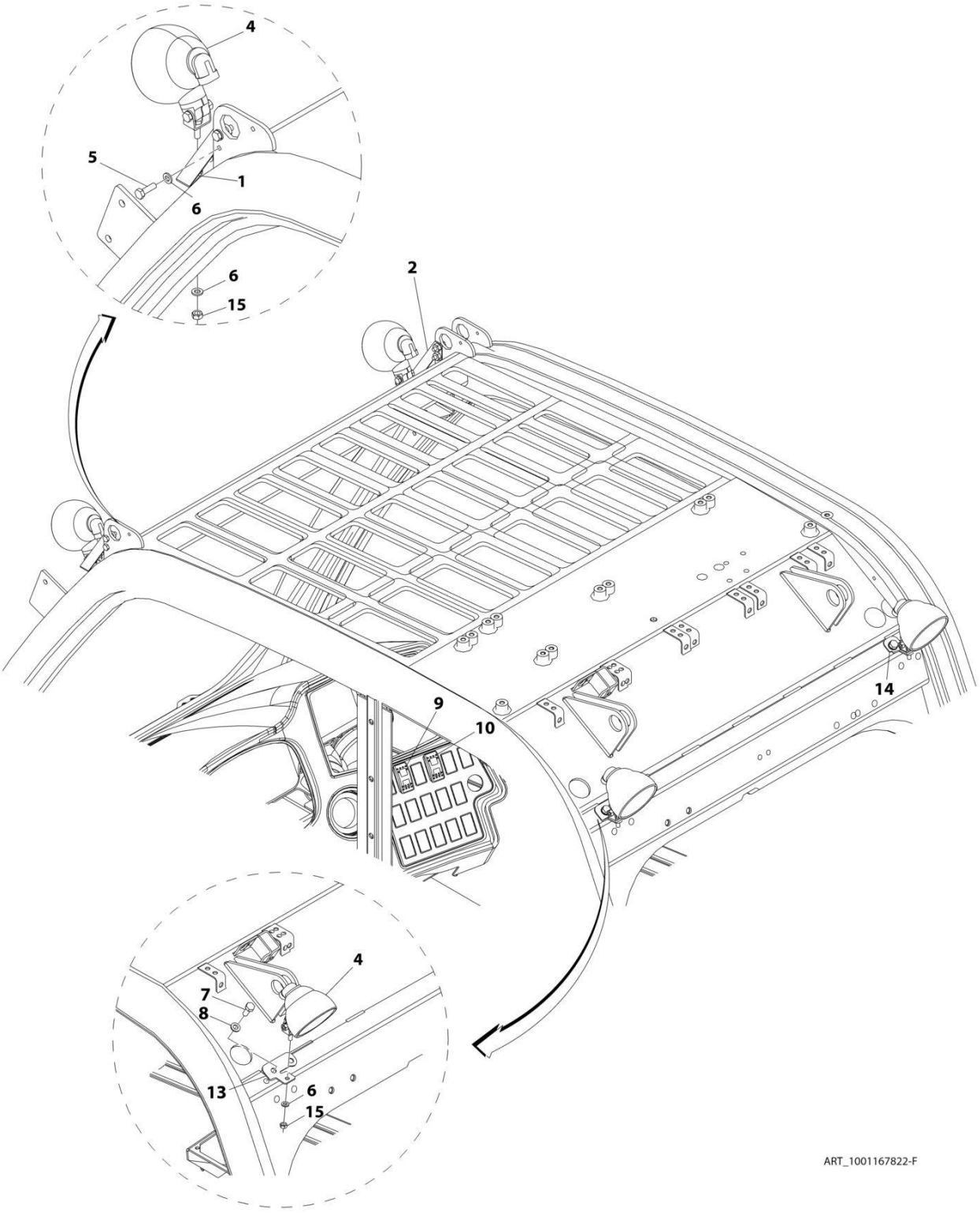
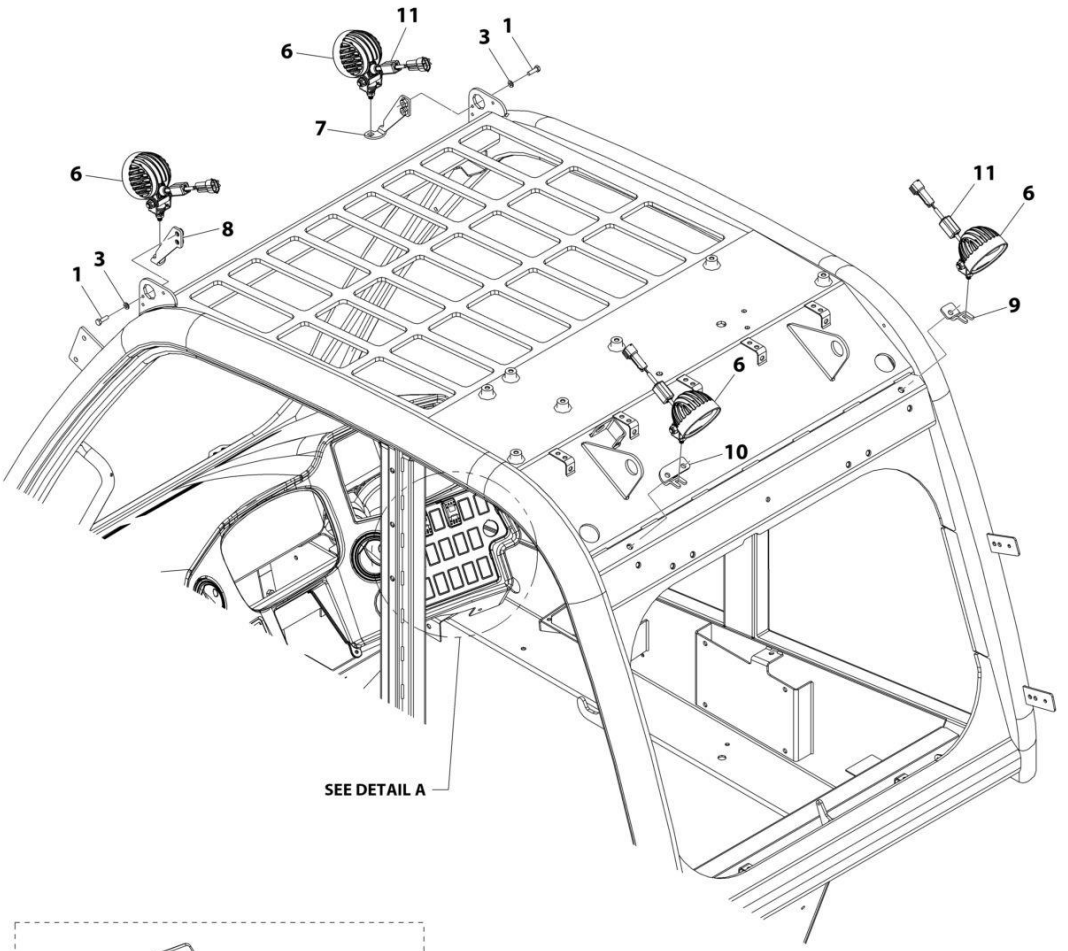
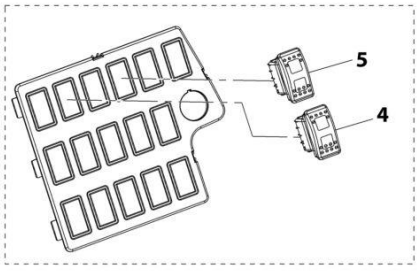


FIGURE 10-53. LIGHTS - WORKLIGHTS INSTALLATION (CAB MOUNTED) (NO A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167822	Ref	Cab Worklights Installation (No A/C)	F
1	1001186567	1	Bracket, Work Light LH	
2	1001186565	1	Bracket, Work Light RH	
4	2920206	4	Worklight	
5	0700610	4	Bolt, M6X20	
6	4811700	8	Washer, M6	
7	0760810	2	Bolt, M8X20	
8	4811900	2	Washer, M8	
9	1001159845	1	Switch, Front Worklights	
10	1001159846	1	Switch, Rear Worklights	
13	1001183888	1	Bracket, Work Light LH	
14	1001183890	1	Bracket, Work Light RH	
15	3290601	4	Nut, M6X1 Grade 8	

FIGURE 10-54. LIGHTS - WORKLIGHTS INSTALLATION - LED (CAB MOUNTED) (NO A/C)





DETAIL A

ART_1001200538-D

FIGURE 10-54. LIGHTS - WORKLIGHTS INSTALLATION - LED (CAB MOUNTED) (NO A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200538	Ref	Cab Worklights Installation (No A/C - LED)	D
1	0700610	4	Bolt, M6X20	
3	4811700	4	Washer, M6	
4	1001159845	1	Switch, Front Worklights	
5	1001159846	1	Switch, Rear Worklights	
6	1001203640	4	Lamp, LED Work Light	
7	1001244193	1	Support, LED Work Light RH	
8	1001244192	1	Support, LED Work Light LH	
9	1001204528	1	Support, LED Work Light RH	
10	1001204530	1	Support, LED Work Light LH	
11	1001228989	4	Harness, Ferrite	

FIGURE 10-55. LIGHTS - WORKLIGHTS INSTALLATION (CAB MOUNTED) (WITH A/C)

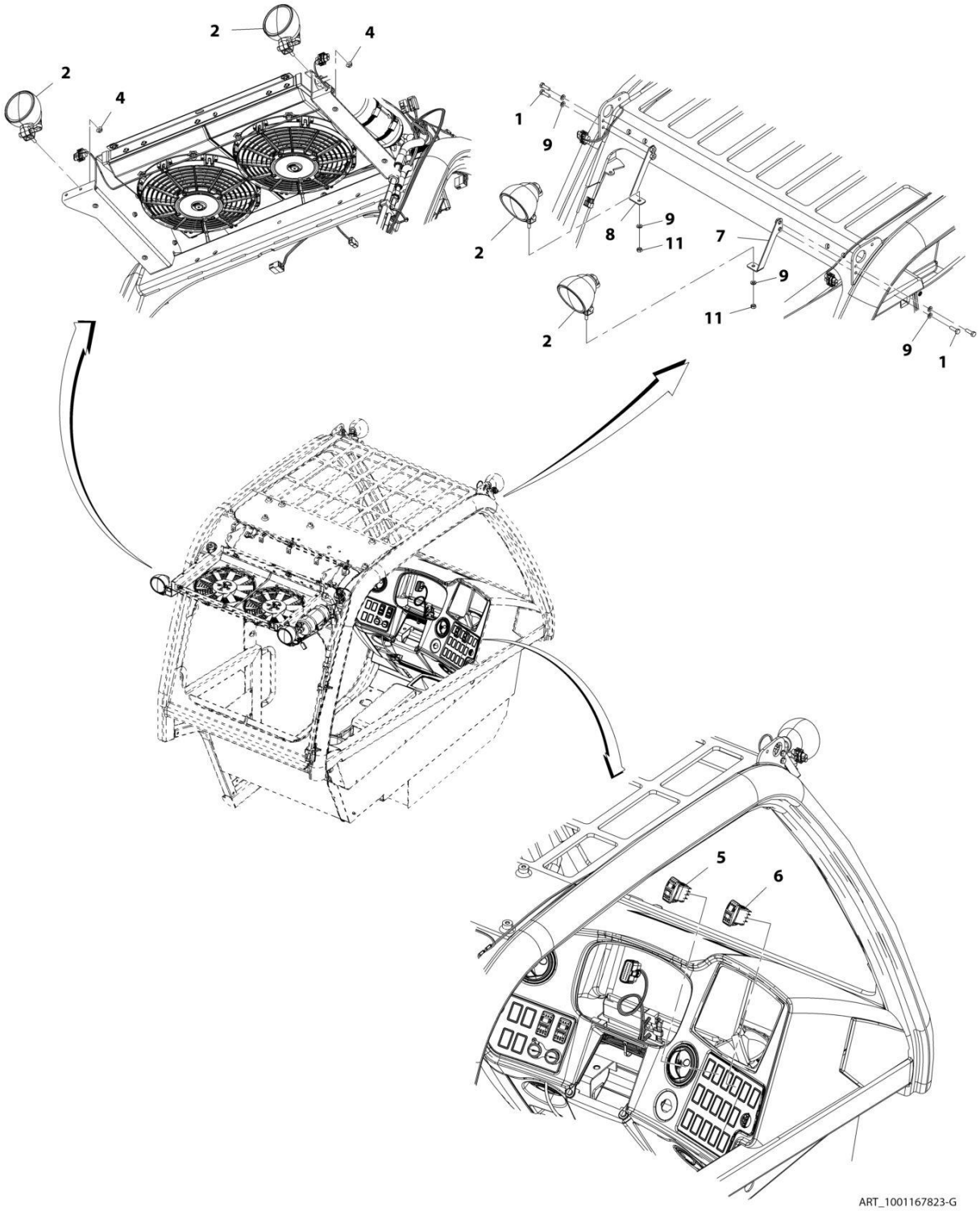


FIGURE 10-55. LIGHTS - WORKLIGHTS INSTALLATION (CAB MOUNTED) (WITH A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167823	Ref	Cab Worklights Installation (A/C)	G
1	0700610	4	Bolt, M6X20	
2	2920206	4	Worklight	
4	5220600	2	Nut, M6	
5	1001159845	1	Switch, Front Worklights	
6	1001159846	1	Switch, Rear Worklights	
7	1001186567	1	Bracket, Work Light LH	
8	1001186565	1	Bracket, Work Light RH	
9	4811700	6	Washer, M6	
11	3290601	2	Nut, M6X1 Grade 8	

FIGURE 10-56. LIGHTS - WORKLIGHTS INSTALLATION -LED (CAB MOUNTED) (WITH A/C)

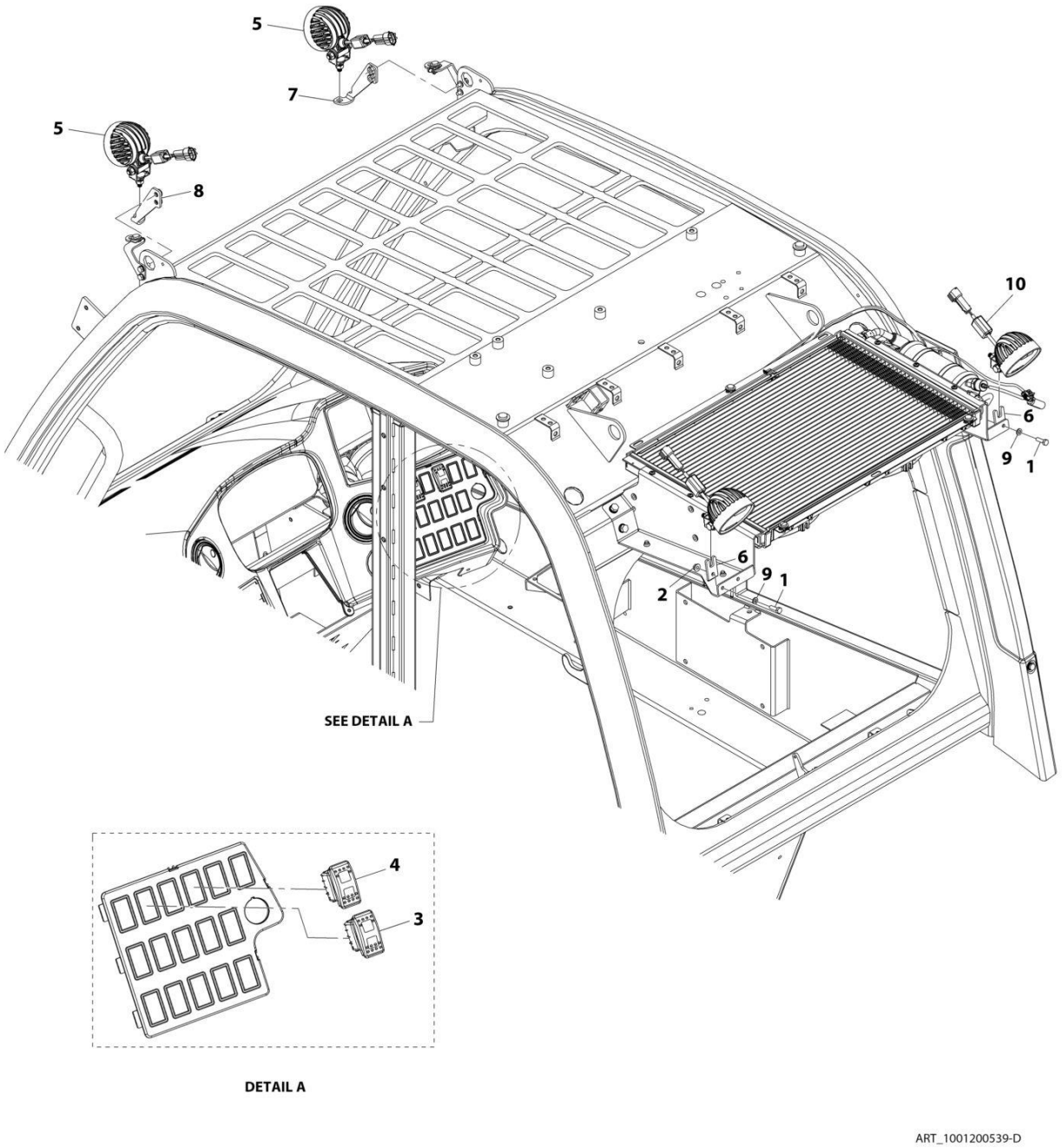


FIGURE 10-56. LIGHTS - WORKLIGHTS INSTALLATION -LED (CAB MOUNTED) (WITH A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200539	Ref	Cab Worklights Installation (A/C - LED)	D
1	0700610	2	Bolt, M6X20	
2	5220600	2	Nut, M6	
3	1001159845	1	Switch, Front Worklights	
4	1001159846	1	Switch, Rear Worklights	
5	1001203640	4	Lamp, LED Work Light	
6	1001204060	2	Bracket	
7	1001244193	1	Support, LED Work Light RH	
8	1001244192	1	Support, LED Work Light LH	
9	4811700	2	Washer, M6	
10	1001228989	4	Harness, Ferrite	

FIGURE 10-57. LSI SENSOR INSTALLATION

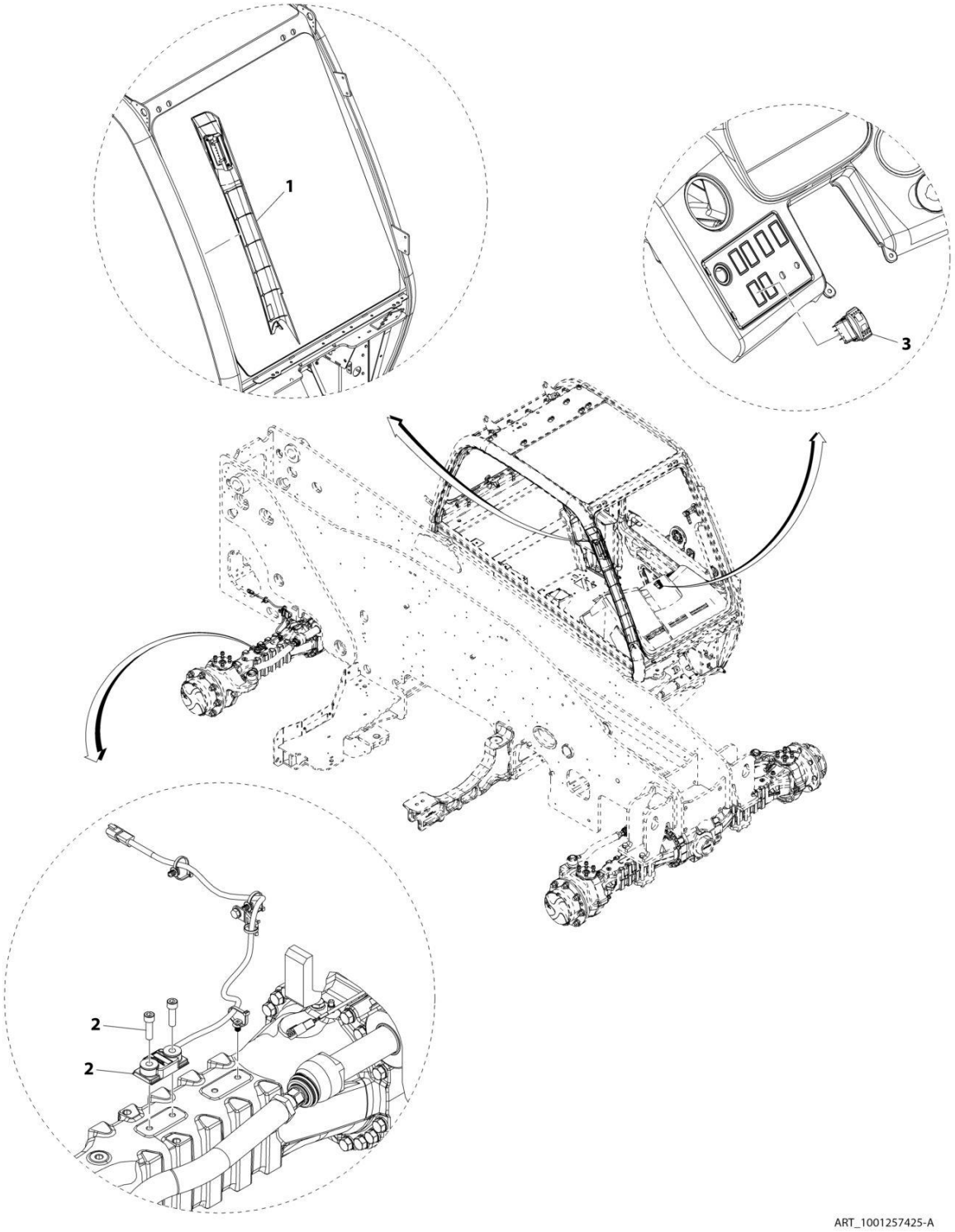


FIGURE 10-57. LSI SENSOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257425	Ref	LSI Sensor Installation (24IN Wheel)	A
1	1001207594	1	Installation, LSI Assembly (See Separate Breakdown in this Section)	
2	1001199935	1	Installation, LSI Sensor (24IN Wheel) (See Separate Breakdown in this Section)	
3	1001257426	1	Installation, LSI Switch (See Separate Breakdown in this Section)	

FIGURE 10-58. LSI DISPLAY INSTALLATION

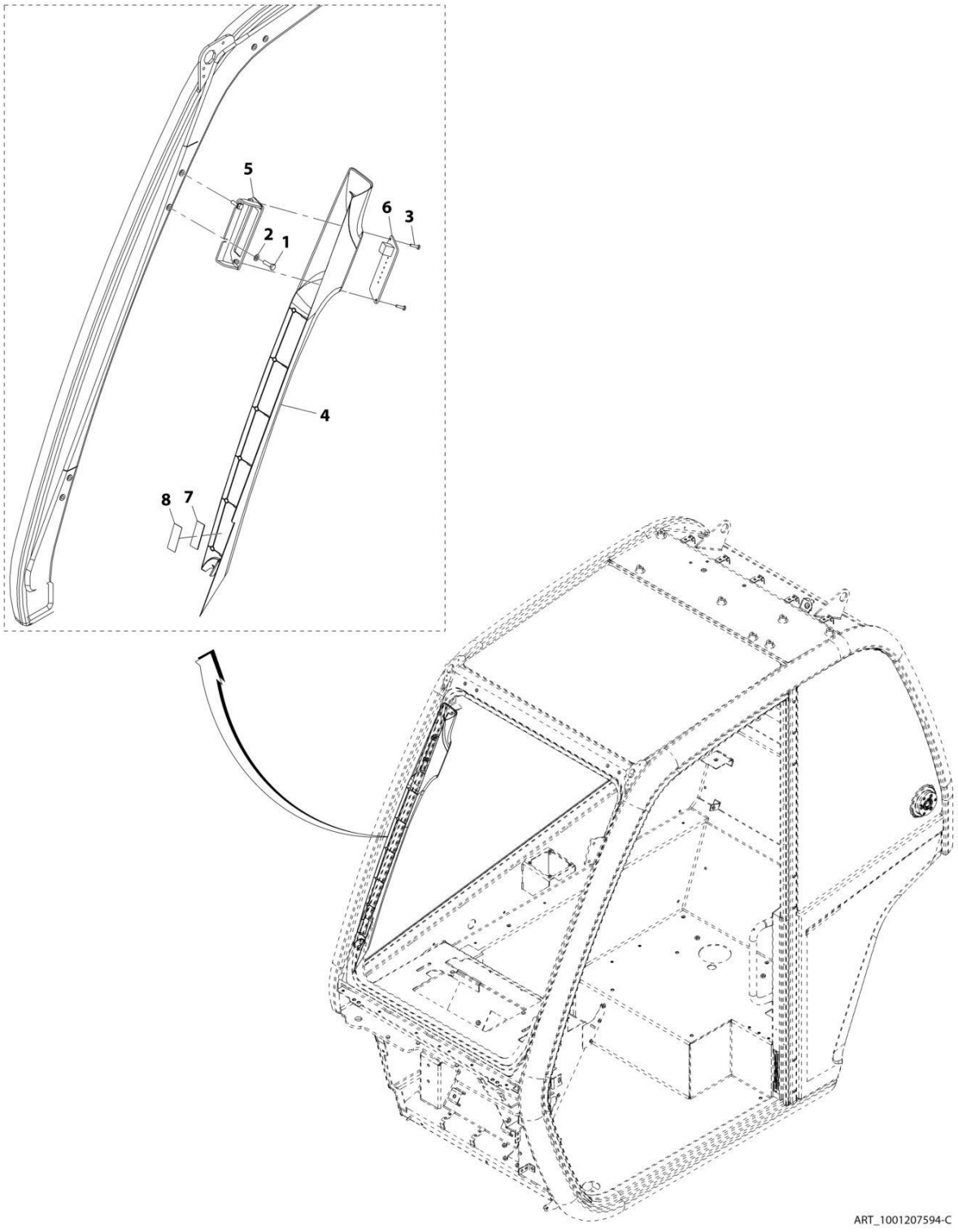


FIGURE 10-58. LSI DISPLAY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207594	Ref	LSI Display Installation	C
1	0760610	2	Bolt, M6X20	
2	4811700	2	Washer, M6	
3	1001126837	2	Screw, M4X16	
4	1001182839	1	Cover	
5	1001214401	1	Bracket	
6	1001213752	1	Display, LSI	
7	1001221318	1	Tape, Hook Fastener	
8	1001221319	1	Tape, Hook Fastener	

FIGURE 10-59. LSI SENSOR INSTALLATION

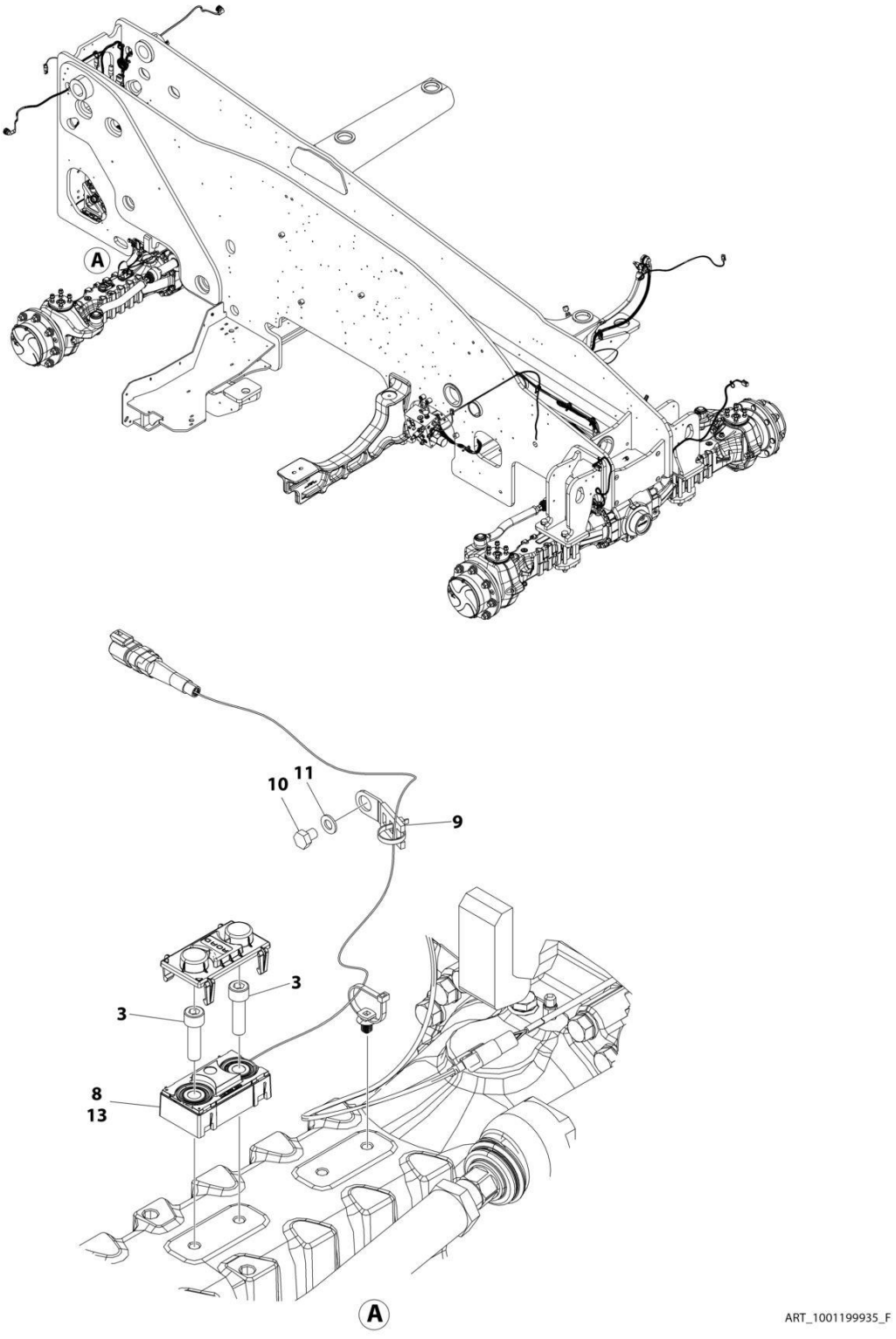


FIGURE 10-59. LSI SENSOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199935	Ref	LSI SENSOR	F
3	5272011	2	Capscrew M10 x 35	
4	1001116128	1	Sealant, Polysiloxane	
5	1001146588	AR	Tie-Strap with Anchor (Not Shown)	
8	1001289105	1	Sensor, Rear Axle LSI	
9	1001025750	AR	Clip	
10	0760805	1	Bolt M8 x 10	
11	4811900	1	Washer M8	
12	1001008559	AR	Tie-Strap (Not Shown)	
13	1001289296	AR	Compound, Locking	

FIGURE 10-60. LSI SWITCH INSTALLATION

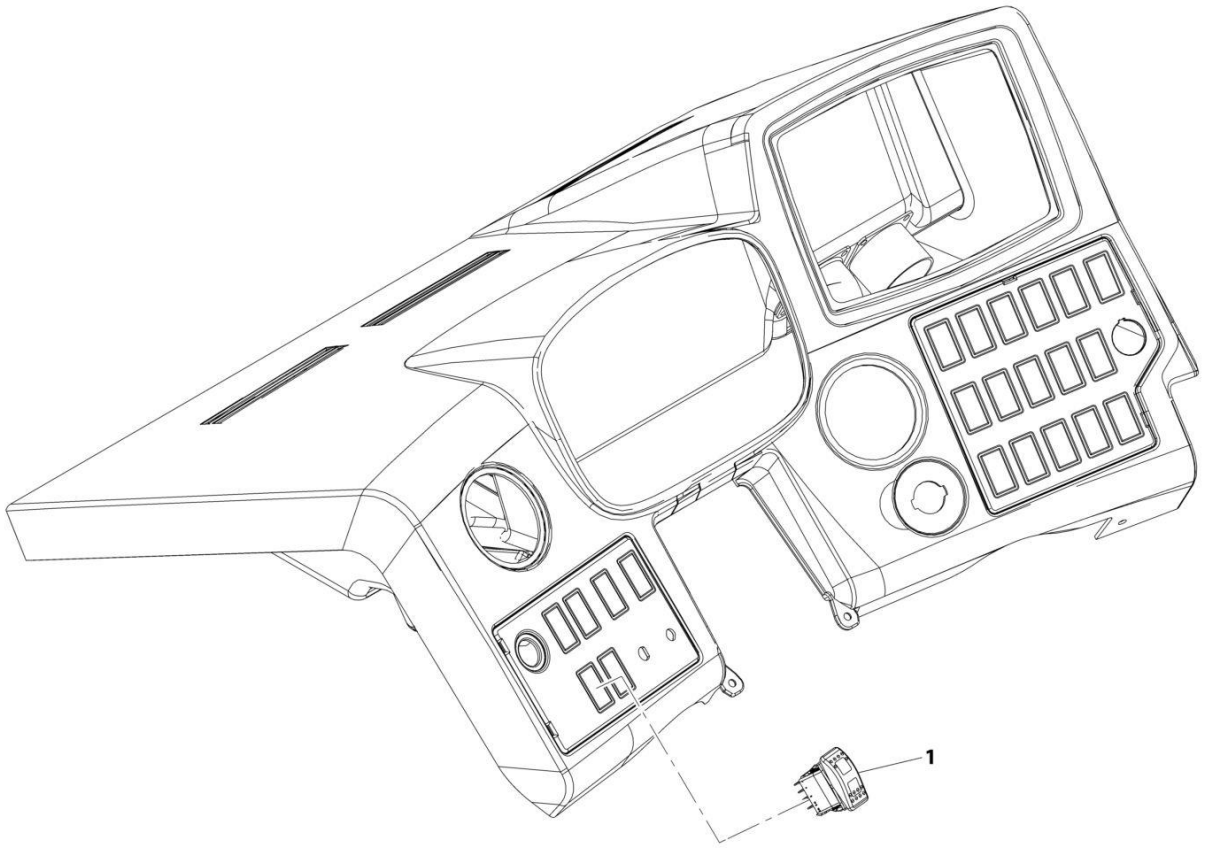


FIGURE 10-60. LSI SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257426	Ref	LSI Switch Installation	A
1	1001159742	1	Switch, LSI Override	

FIGURE 10-61. LSI SENSOR COVER INSTALLATION

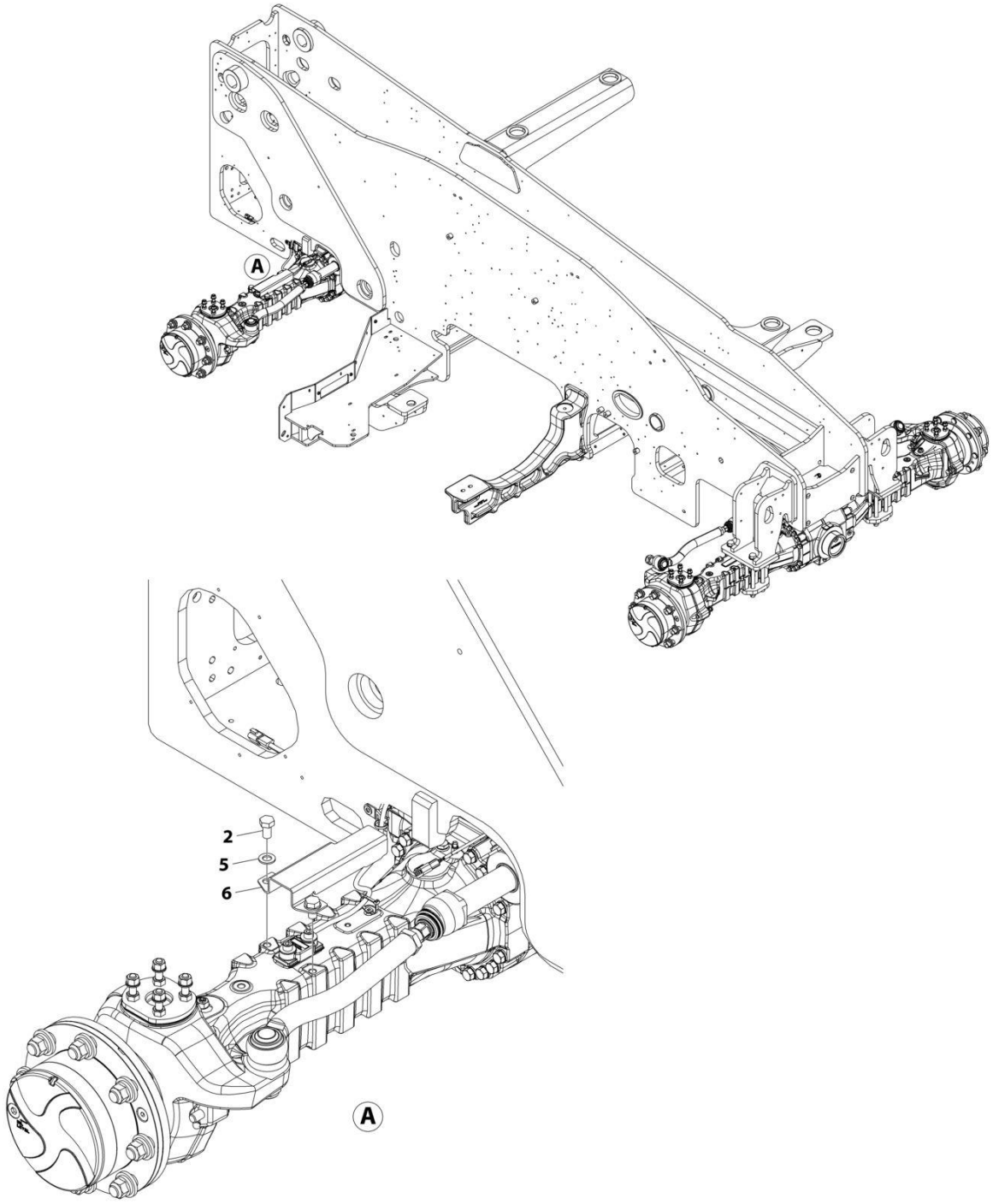
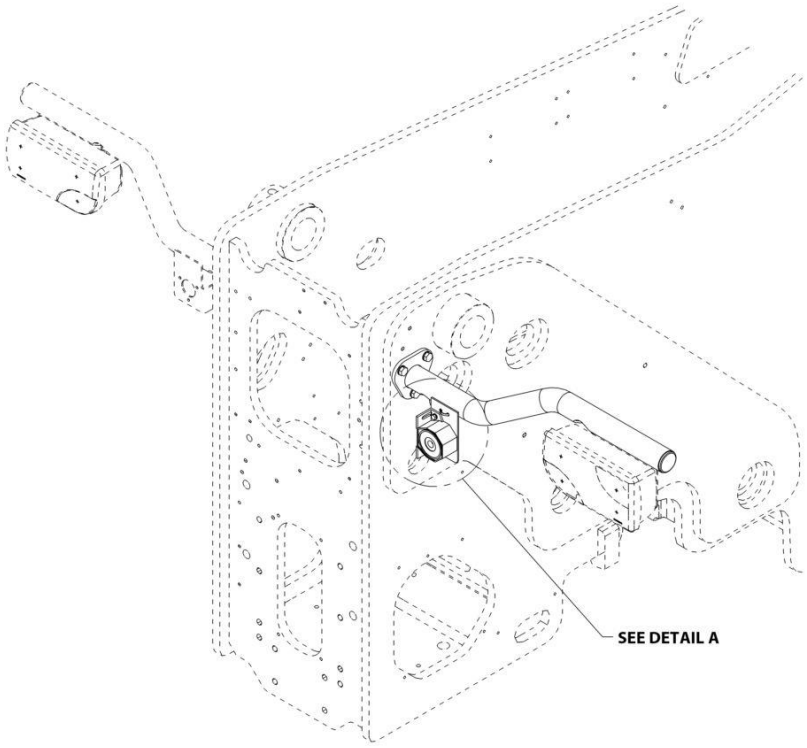
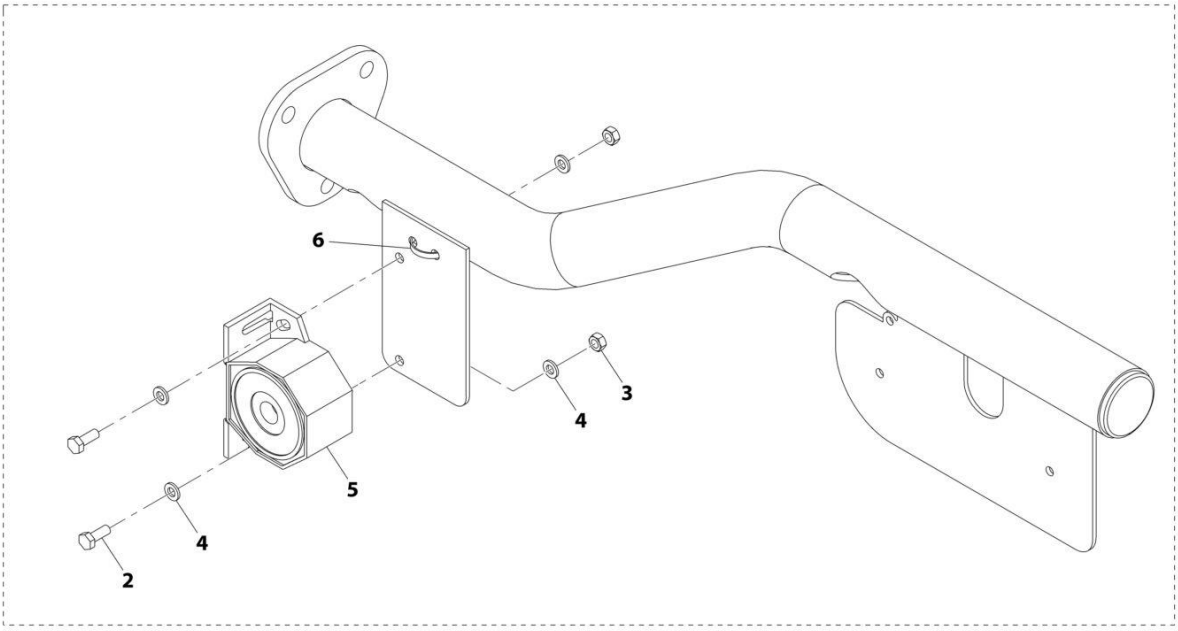


FIGURE 10-61. LSI SENSOR COVER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225414	Ref	LSI SENSOR COVER INSTALLATION	D
2	0761412	2	Bolt M14 x 25	
5	4812200	2	Washer M14	
6	1001290666	1	Shield, LSI Sensor	

FIGURE 10-62. REVERSE ALARM INSTALLATION





DETAIL A

ART_1001183596-D

FIGURE 10-62. REVERSE ALARM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183596	Ref	Reverse Alarm Installation	D
2	0760608	2	Bolt, M6X16	
3	3290601	2	Nut, M6X1	
4	4811700	4	Washer, M6	
5	1001147060	1	Alarm, Reverse	
6	1001008559	1	Strap, Cable	

FIGURE 10-63. REVERSE CAMERA INSTALLATION

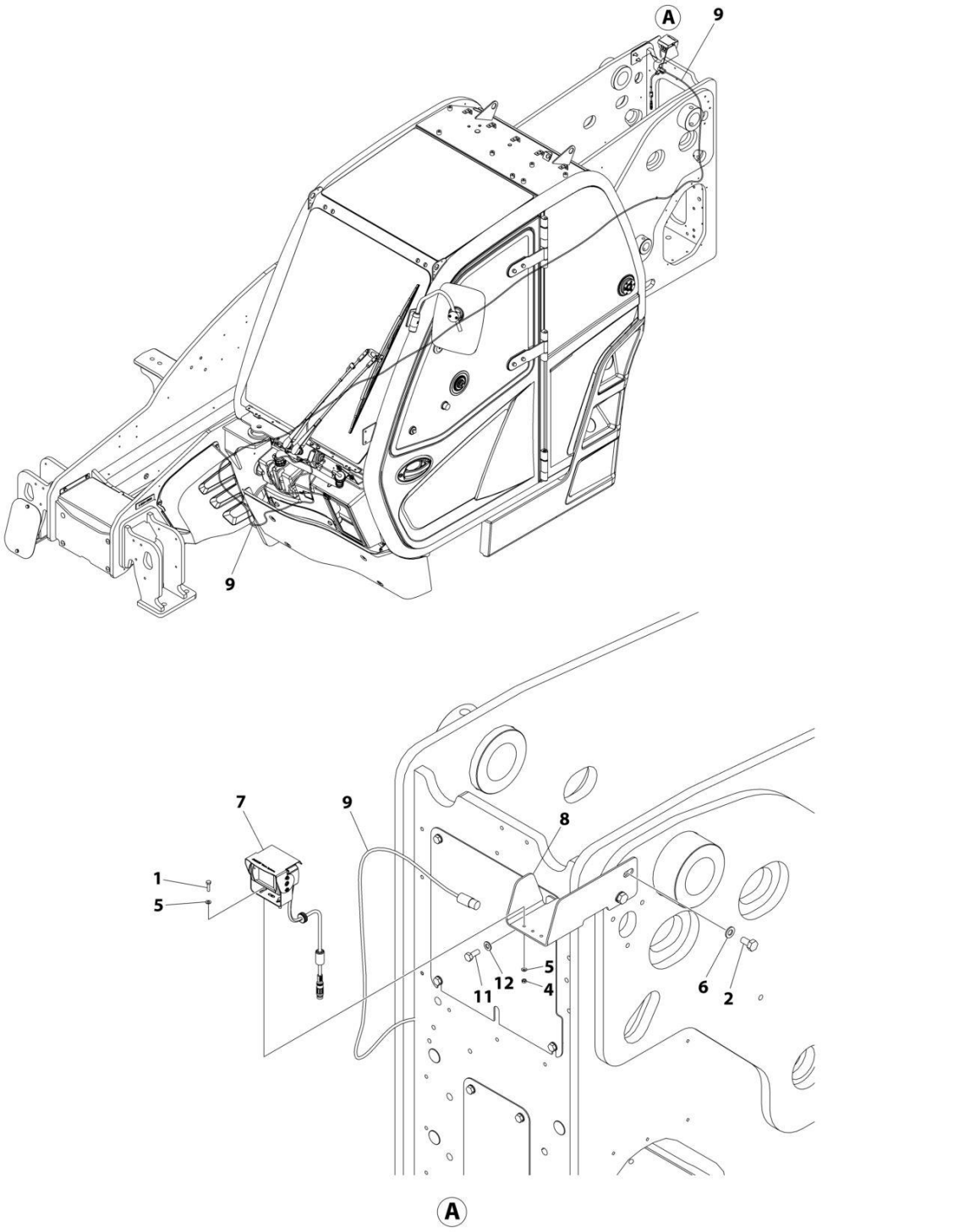


FIGURE 10-63. REVERSE CAMERA INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190225	Ref	REVERSE CAMERA INSTALLATION (TRAILER BRAKES)	D
1	0700408	2	Bolt M4 x 16	
2	0761010	2	Bolt M10 x 20	
4	3290401	2	Nut M4 x 0.7	
5	4811400	4	Washer M4	
6	4812000	2	Washer M10	
7	1001167017	1	Camera	
8	1001202293	1	Bracket	
9	1001265375	1	Cable, Reverse Camera	
11	0760810	1	Bolt M8 x 20	
12	4811900	1	Washer M8	

FIGURE 10-64. REVERSE CAMERA INSTALATION (WITHOUT HED)

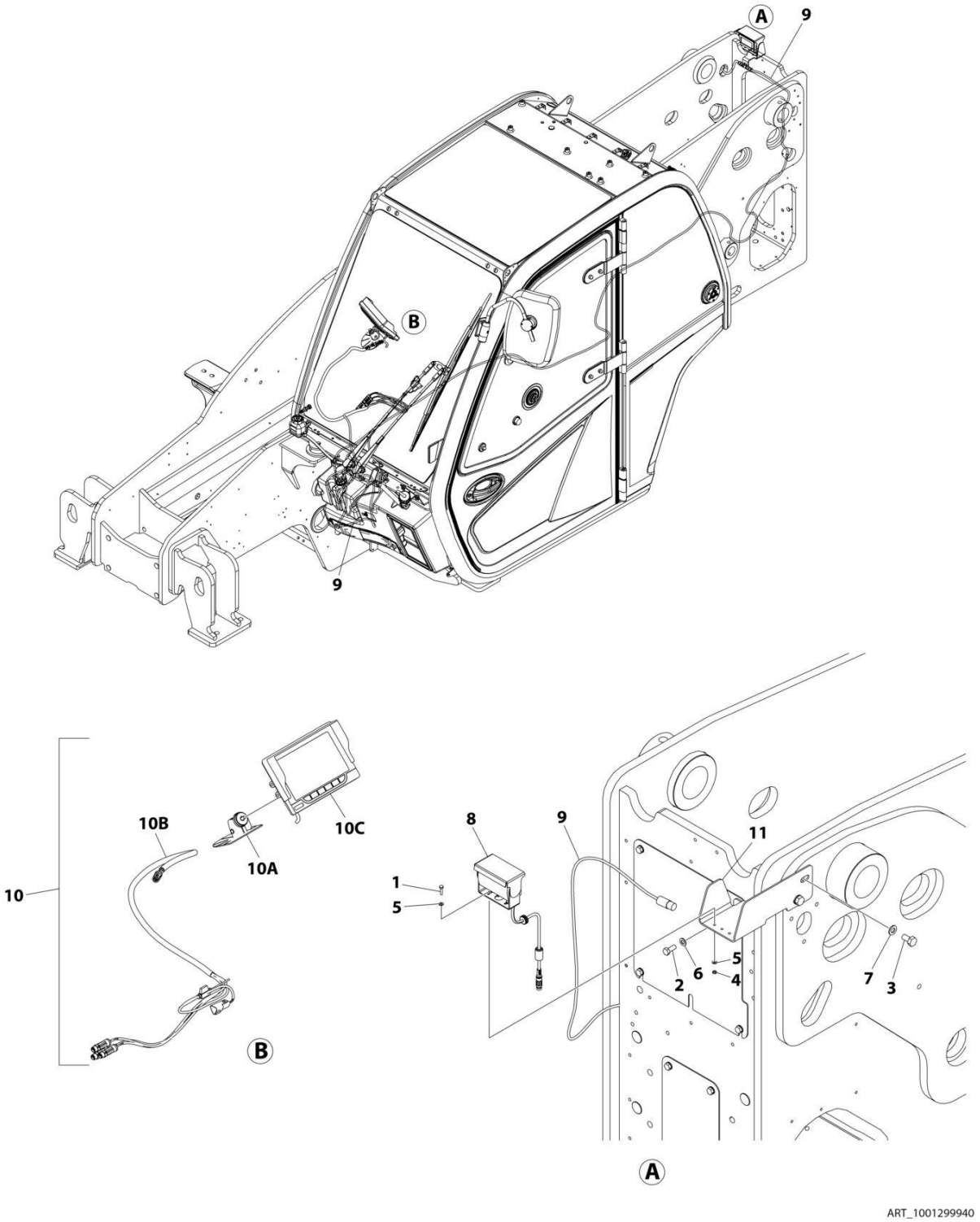


FIGURE 10-64. REVERSE CAMERA INSTALATION (WITHOUT HED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001299940	Ref	REVERSE CAMERA INSTALLATION	A
1	0700408	2	Bolt M4 x 16	
2	0760810	1	Bolt M8 x 20	
3	0761010	2	Bolt M10 x 20	
4	3290401	2	Nut M4	
5	4811400	4	Washer M4	
6	4811900	1	Washer M8	
7	4812000	2	Washer M10	
8	1001233174	1	Camera, Rear View	
9	1001233434	1	Extension Cable Camera Harness	
10	1001289479	1	Quad View Monitor Assembly	
10A	1001233217	1	Bracket	
10B	1001294608	1	Quad View Monitor Harness	
10C	1001302410	1	Monitor, LED Display	
11	1001300078	1	Bracket	

FIGURE 10-65. REVERSE SENSING INSTALLATION

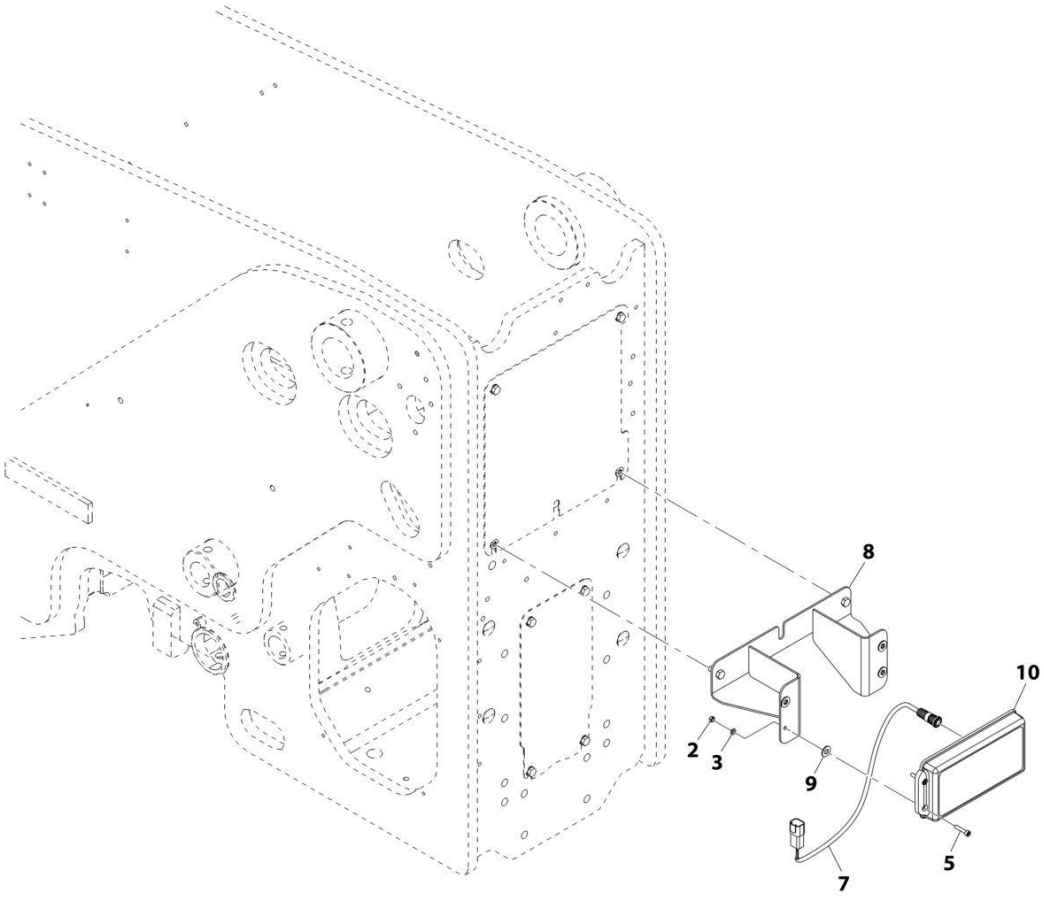


FIGURE 10-65. REVERSE SENSING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190227	Ref	Reverse Sensor Installation (No Hydraulic Hitch)	C
2	3290501	4	Nut, M5X0.8	
3	4811600	4	Washer, M5	
5	5271609	4	Screw, M5X25	
7	1001175776	1	Harness, Reverse Sensor (See Separate Breakdown in this Section)	
8	1001202288	1	Bracket	
9	1001181921	4	Washer, Rubber M8	
10	1001189997	1	Sensor, Reverse	

FIGURE 10-66. REVERSE SENSOR INSTALLATION (HYDRAULIC HITCH)

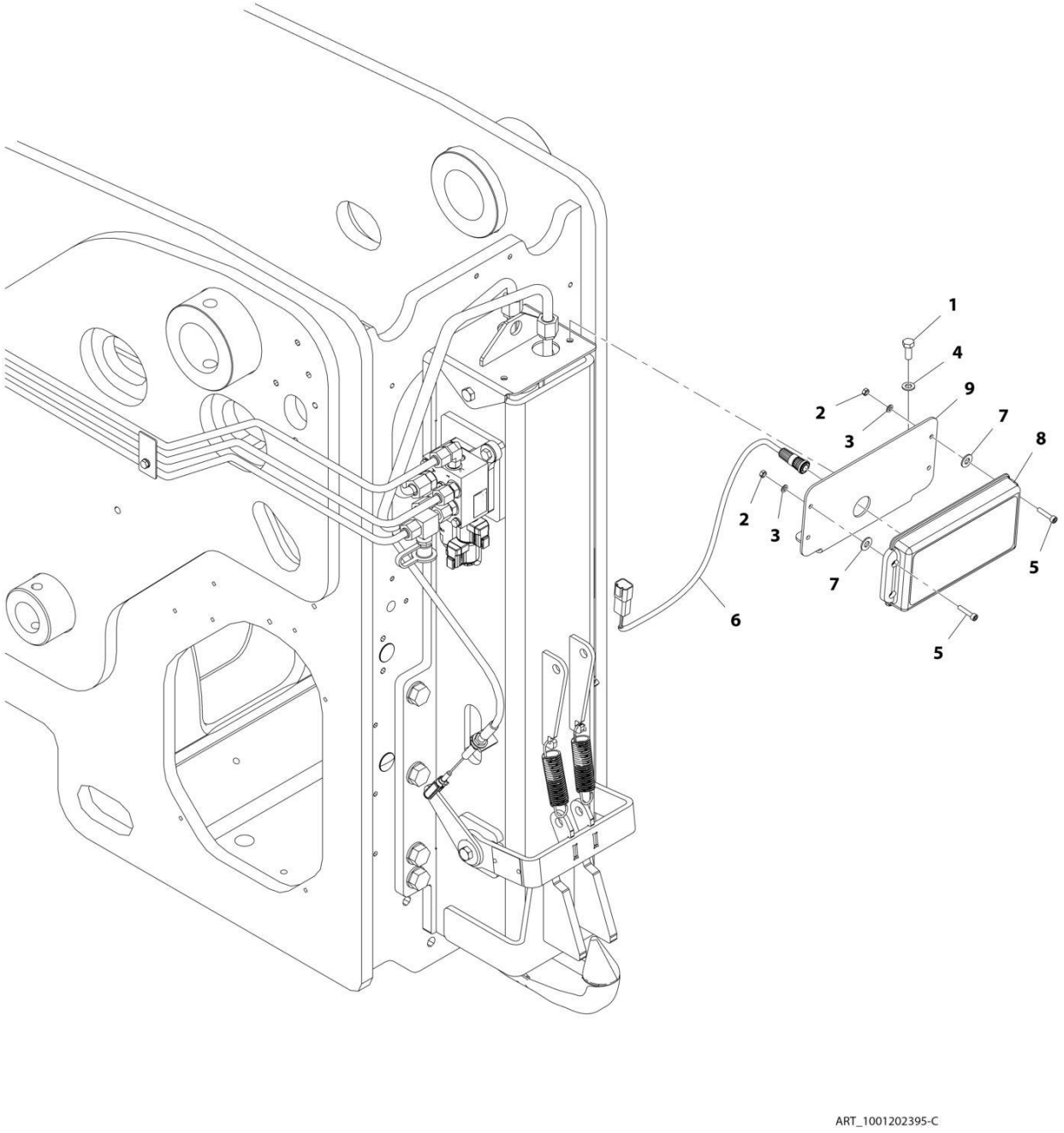
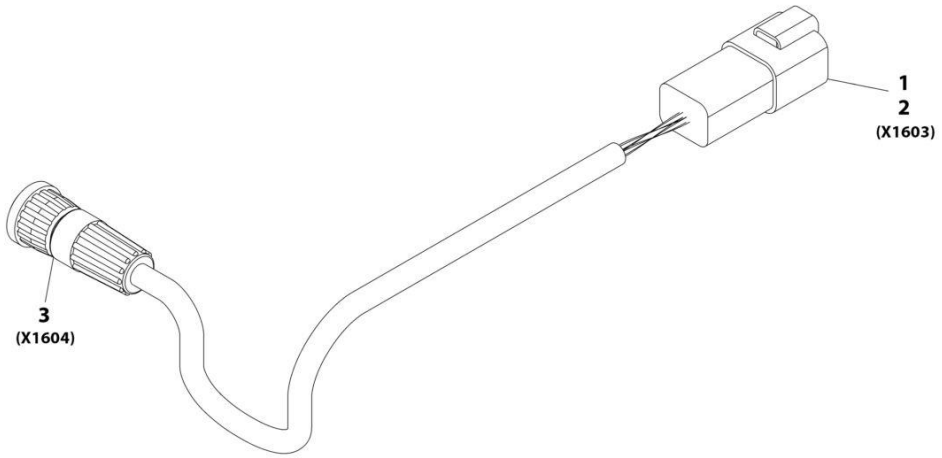


FIGURE 10-66. REVERSE SENSOR INSTALLATION (HYDRAULIC HITCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202395	Ref	Reverse Sensor Installation (Hydraulic Hitch)	C
1	0760810	2	Bolt, M8X20	
2	3290501	4	Nut, M5X0.8 Grade 8	
3	4811600	4	Washer, M5	
4	4811900	2	Washer, M8	
5	5271609	4	Screw, M12.9	
6	1001175776	1	Harness, Reverse Sensor (See Separate Breakdown in this Section)	
7	1001181921	4	Washer, Rubber M8	
8	1001189997	1	Sensor, Reverse	
9	1001202286	1	Bracket	

FIGURE 10-67. REVERSE SENSING HARNESS



ART_1001175776-C

FIGURE 10-67. REVERSE SENSING HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175776	Ref	Reverse Sensor Harness	C
1	4460932	1	Connector	
2	4460464	4	Terminal	
3	1001175733	1	Connector	

FIGURE 10-68. SEAT BELT ALARM HARNESS

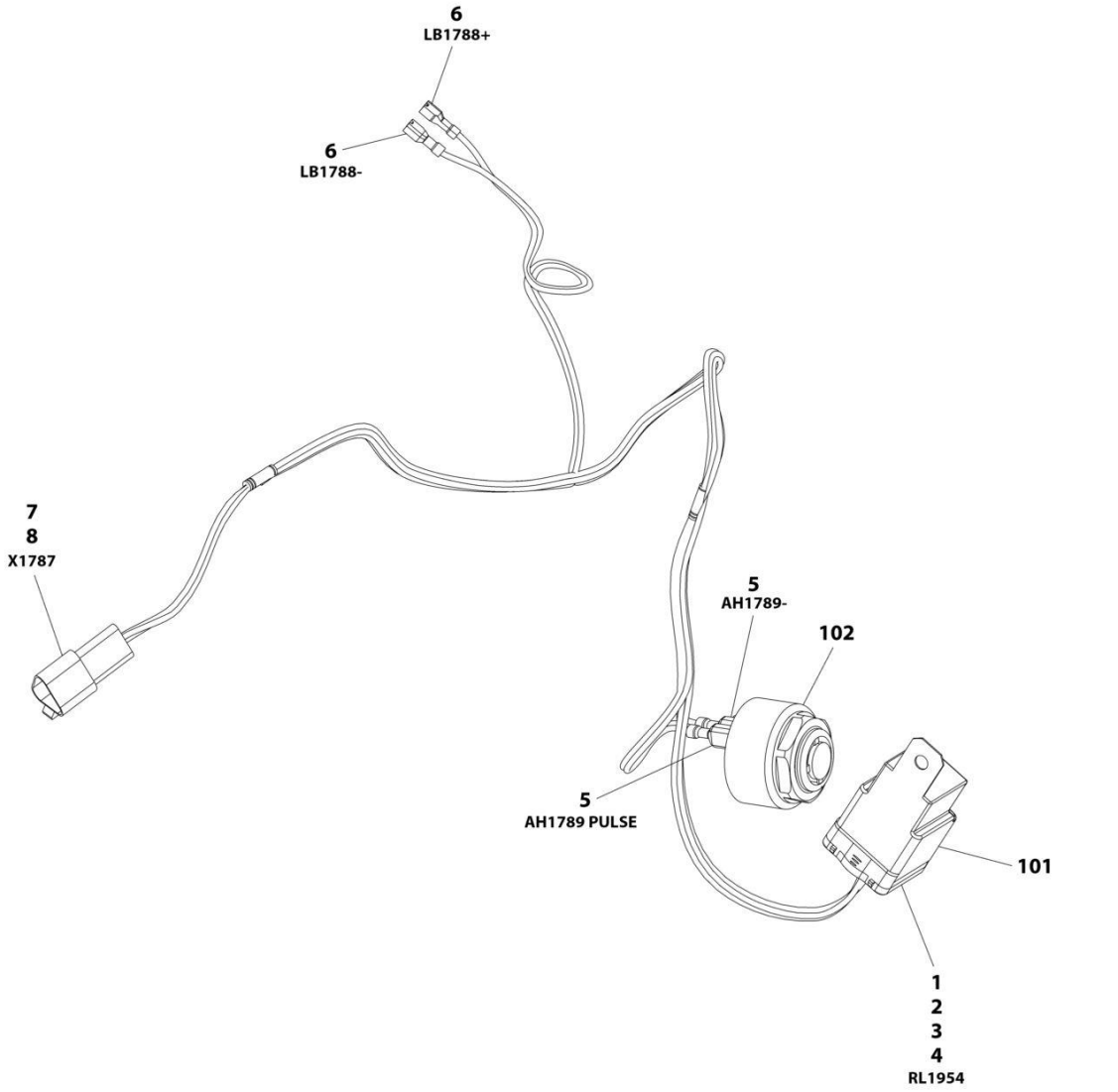


FIGURE 10-68. SEAT BELT ALARM HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001268744	Ref	SEAT BELT ALARAM HARNESS	B
1	1001231398	1	Connector	
2	1001231400	4	Terminal	
3	1001231406	1	Terminal	
4	1001231404	4	Plug	
5	1001194421	2	Terminal	
6	1001201885	2	Terminal	
7	4460536	1	Connector	
8	4460464	3	Terminal	
101	3740080	1	Relay, Weather Proof	
102	1001091751	1	Buzzer Alarm	

FIGURE 10-69. TELEMATICS READY INSTALLATION

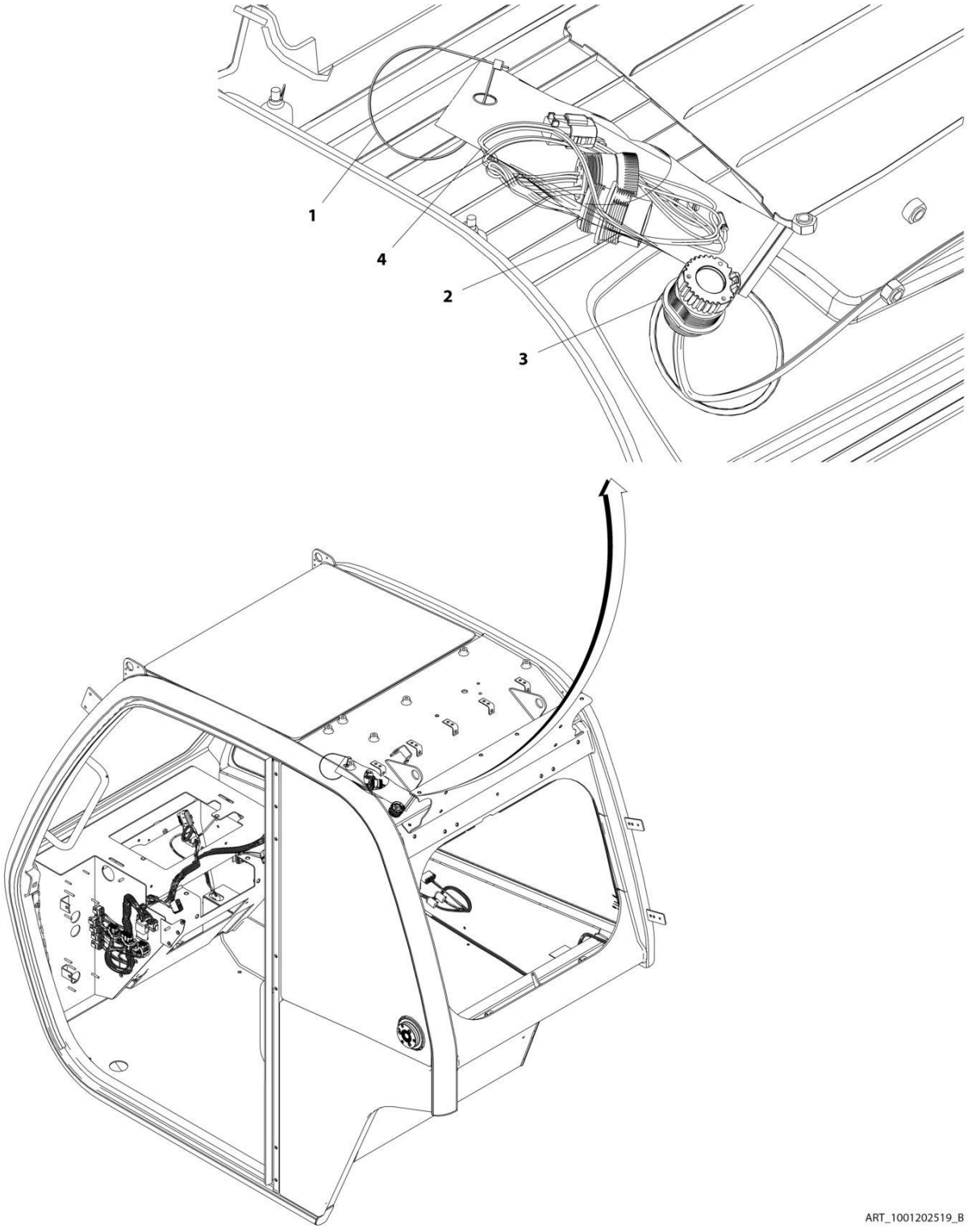
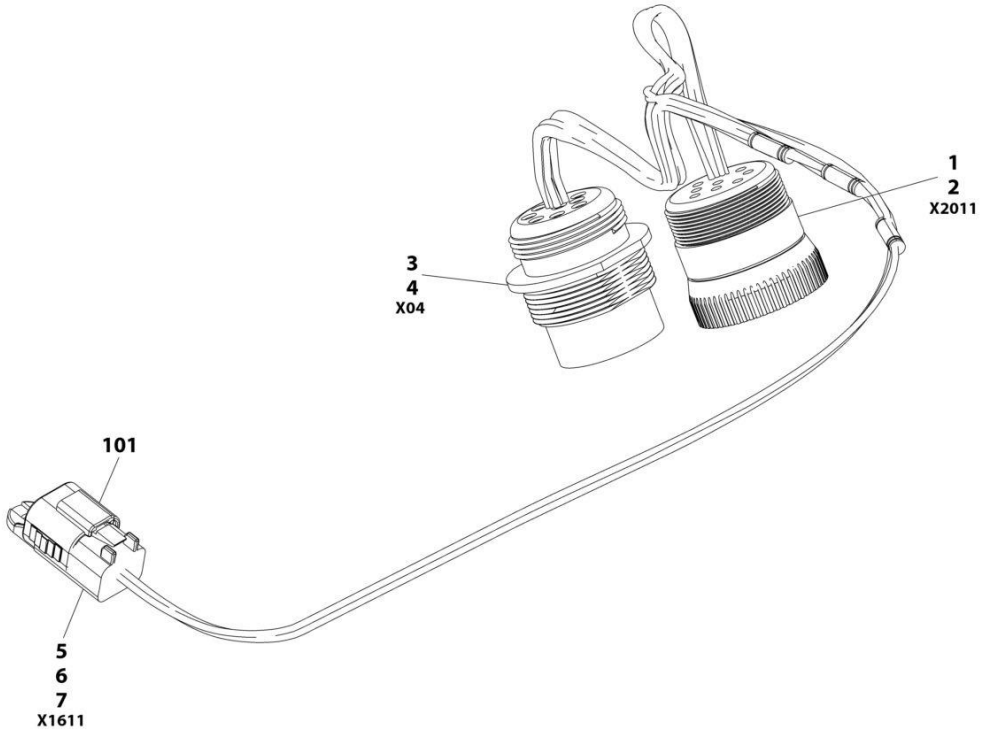


FIGURE 10-69. TELEMATICS READY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202519	Ref	TELEMATICS READY INSTALLATION	B
1	8584003	1	Strap, Tie	
2	1001291182	1	Harness, Telematics Ready (See Separate Breakdown in ELECTRICAL Section)	
3	1001201162	1	Cap	
4	1001202617	1	Bag	

FIGURE 10-70. TELEMATICS READY HARNESS



ART_1001291182

FIGURE 10-70. TELEMATICS READY HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291182	Ref	TELEMATICS READY HARNESS	A
1	1001112796	1	Connector	
2	4460465	9	Terminal	
3	1001112612	1	Connector	
4	4460464	9	Terminal	
5	4460884	1	Connector	
6	4460465	3	Terminal	
7	4460466	1	Plug	
101	1001192401	1	Dust Cap	

FIGURE 10-71. TRAILER ELECTRICS INSTALLATION

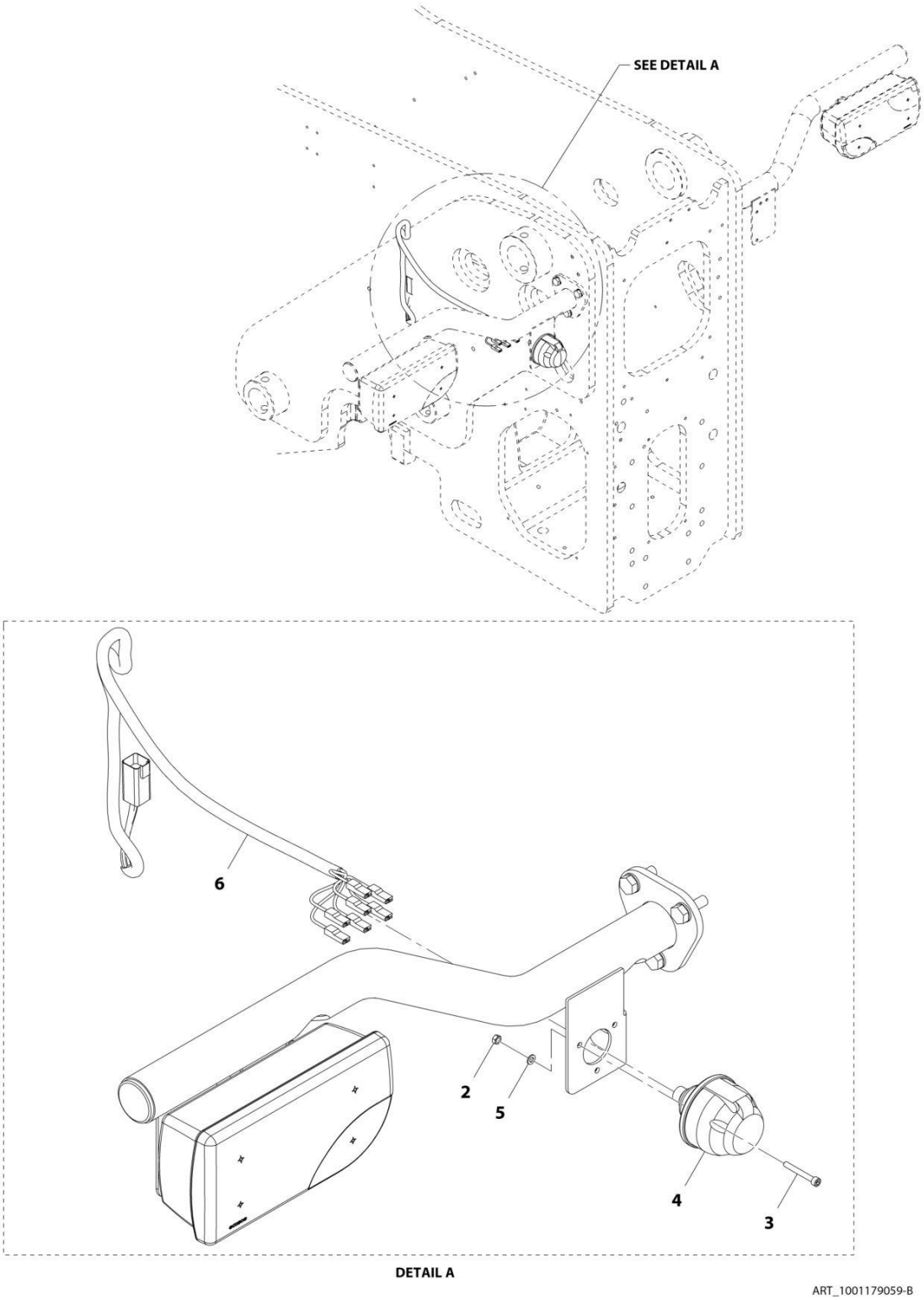


FIGURE 10-71. TRAILER ELECTRICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179059	Ref	TRAILER ELECTRICS INSTALLATION	B
2	3290501	3	Nut M5	
3	4031612	3	Bolt M5 X 40	
4	4461170	1	Connector	
5	4811600	3	Washer M5	
6	1001184839	1	Harness,Trailer Connector (See Separate Breakdown in this Section)	

FIGURE 10-72. TRAILER CONNECTOR HARNESS

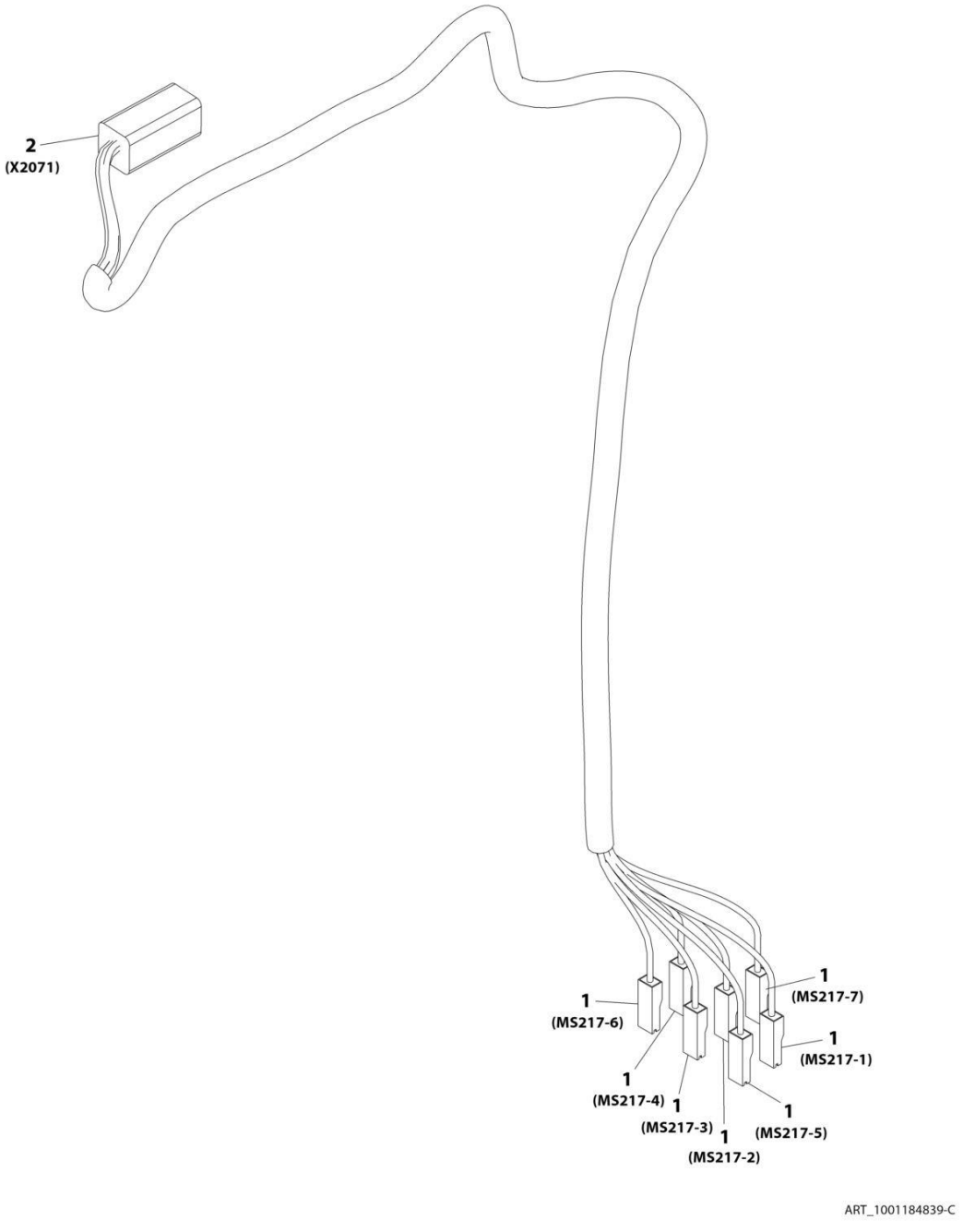


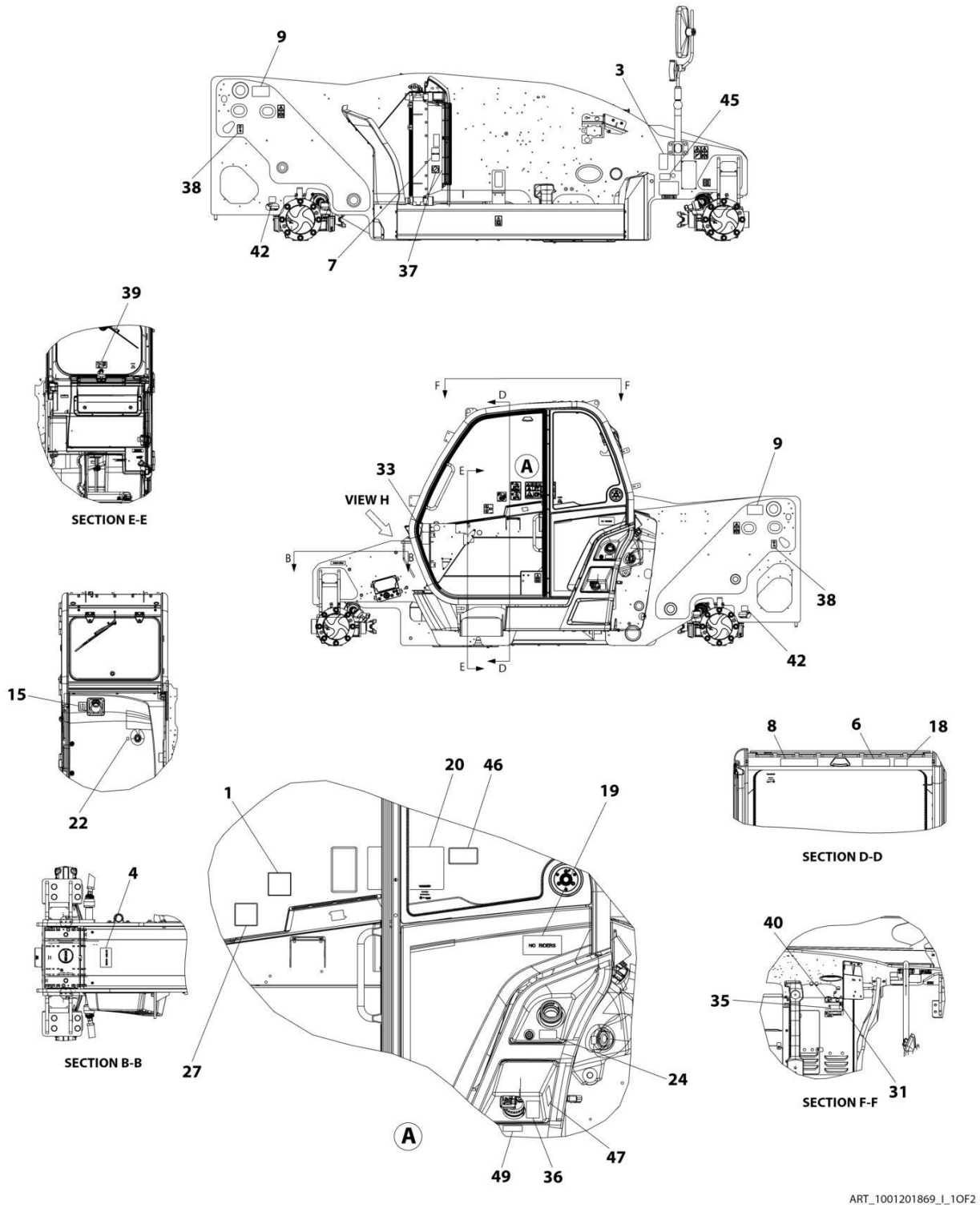
FIGURE 10-72. TRAILER CONNECTOR HARNESS

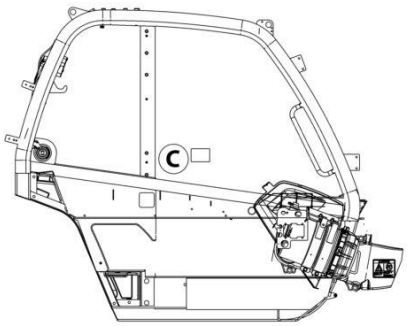
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184839	Ref	TRAILER CONNECTOR HARNESS	C
1	1001116995	7	Connector	
2	4460899	1	Connector	
2	4460941	6	Pin	

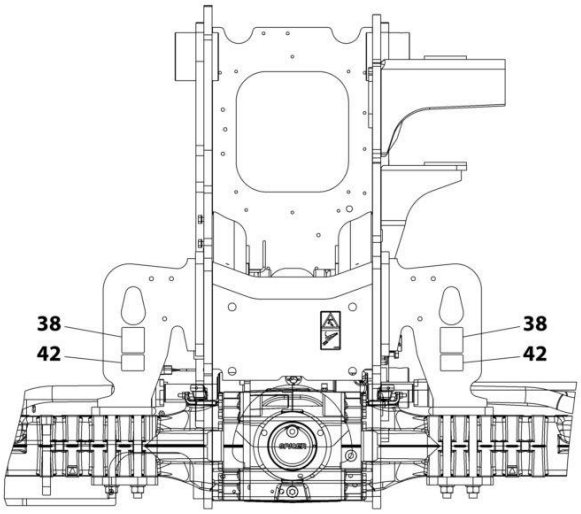
SECTION 11 - DECALS

SECTION 11 - DECALS

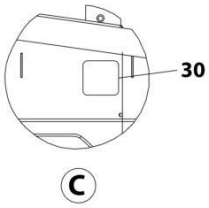
FIGURE 11-1. DECALS INSTALLATION (ANSI)

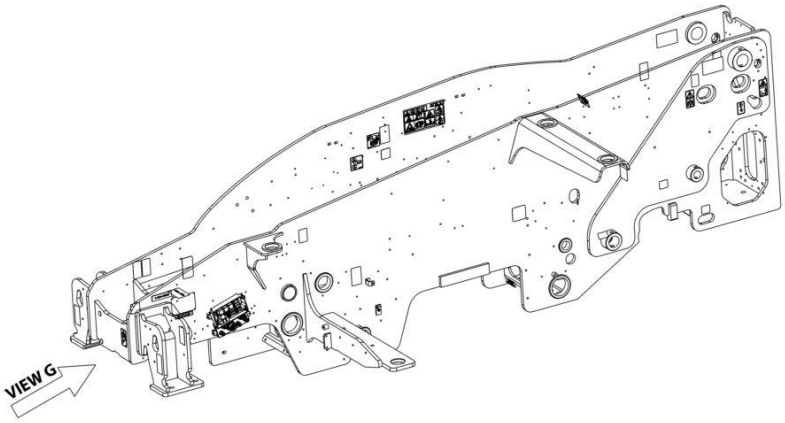


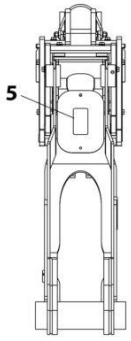




VIEW G









VIEW H

ART_1001201869_I_2OF2

SECTION 11 - DECALS

FIGURE 11-1. DECALS INSTALLATION (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201869	Ref	DECALS INSTALLATION (ANSI)	I
1	1001227287	1	Decal, Manual Location	
3	1706300	1	Decal, Ether Warning	
4	1706296	1	Decal, Battery Warning (ANSI)	
5	1001102750	1	Decal, No Standing On Forks	
6	1706299	1	Decal, Contacting Power Lines Warning	
7	1706301	1	Decal, Keep Clear Of Rotating Parts Warning	
8	1706306	1	Decal, Tip Over Warning	
9	1706302	2	Decal, Pinch Point Boom Holes	
15	1001094708	1	Decal, Hydraulic Oil	
18	1706850	1	Decal, Crush Hazard Warning	
19	1706768	1	Decal, Vehicle Roll Away	
20	1707078	1	Decal, Warning/Danger	
22	1001130323	1	Decal, Oil Level	
24	1001125387	1	Decal, Ultra Low Sulfur Diesel	
27	1001172035	1	Decal, No Weld or Drill	
30	1001236403	1	Decal, Park Brake	
31	1001184632	1	Decal, Battery Positive	
33	1001191229	1	Decal, Fuse Panel	
35	1001195855	1	Decal, Battery Disconnect	
36	1001196806	1	Decal, Diesel Exhaust Fluid	
37	AU2105	1	Decal, No Karcher	
38	1701500	1	Decal, Lift	
39	8005870	1	Decal, Emergency Exit	
40	1001008540	1	Plate, Battery	
42	4109801	4	Decal, Tie Down Point	
45	1001223453	1	Decal, ICES	
46	1001231801	1	Decal, Warning Prop 65	
47	1001247646	1	Decal, Def Min Refill Volume	
49	1001219212	1	Decal, Def Fluid Only	
51	1001218659	1	Decal, Brake Fluid Spec	

FIGURE 11-2. DECALS INSTALLATION - JLG

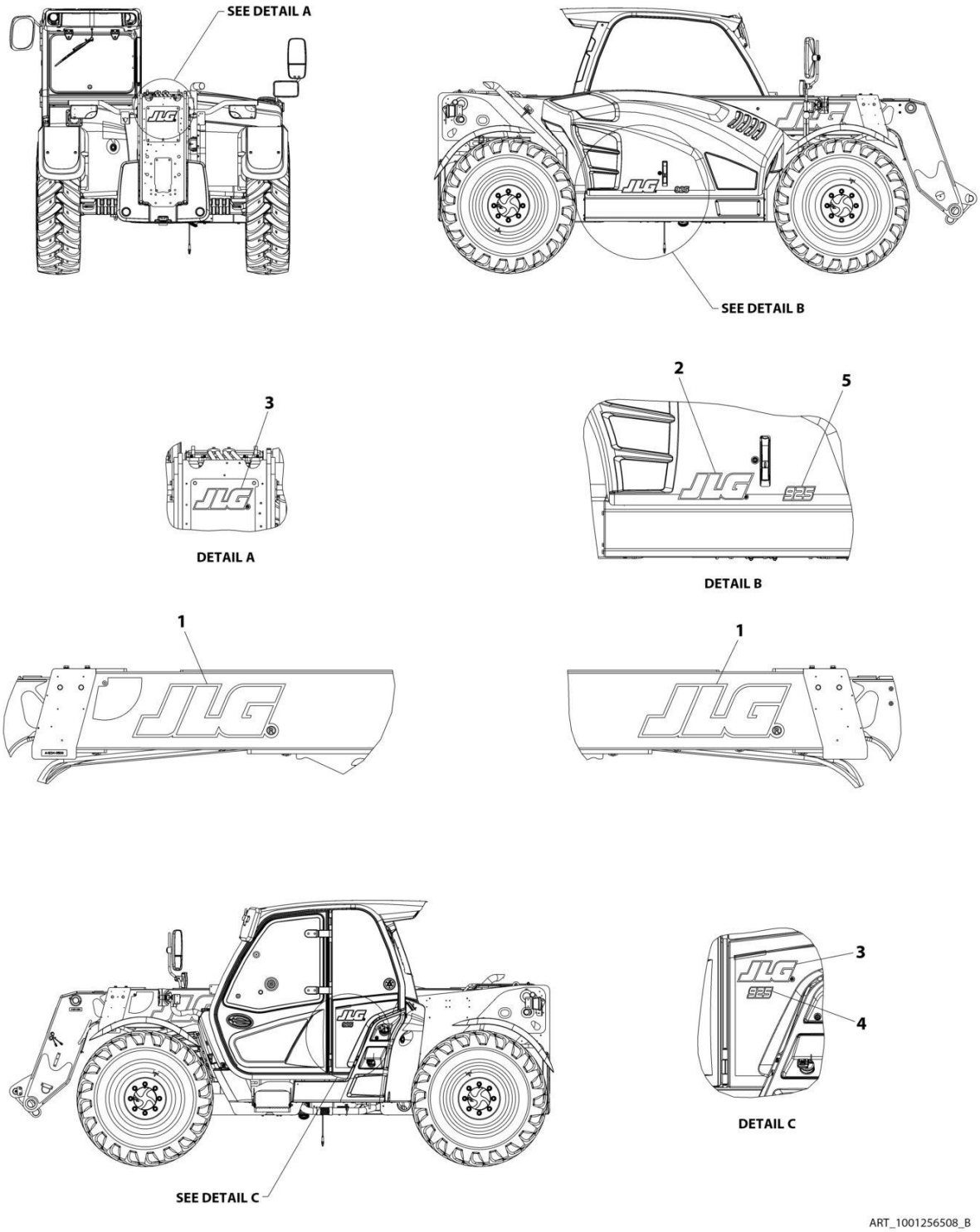


FIGURE 11-2. DECALS INSTALLATION - JLG

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256508	Ref	DECALS INSTALLATION	B
1	1001159728	2	Decal, JLG Logo	
2	1001160775	1	Decal, JLG - 5" Black	
3	1001169674	2	Decal, JLG M100X285	
4	1001276755	1	Decal, JLG 925 Cab	
5	1001276756	1	Decal, JLG 925 Hood	

FIGURE 11-3. DECALS INSTALLATION - JLG AG

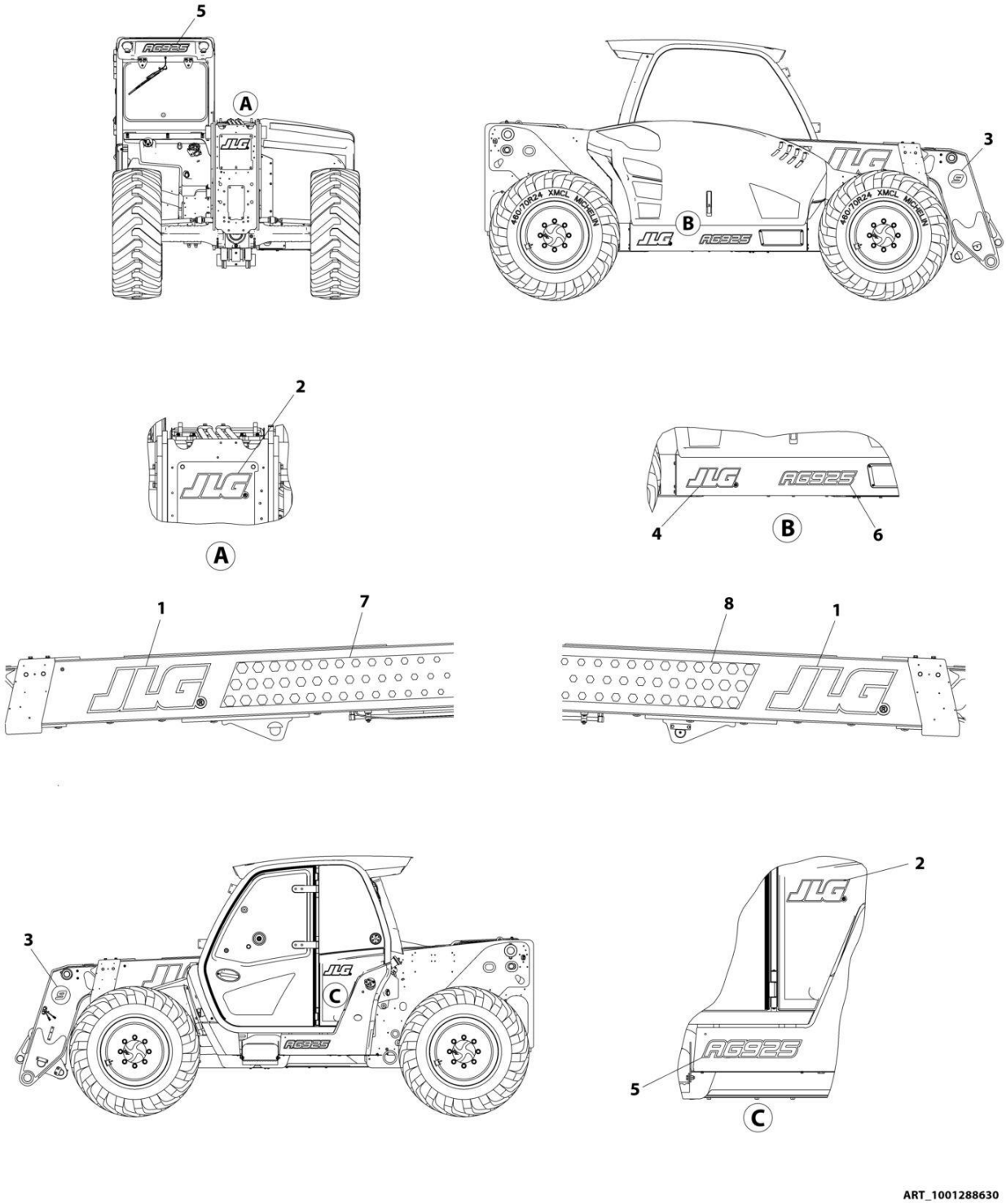
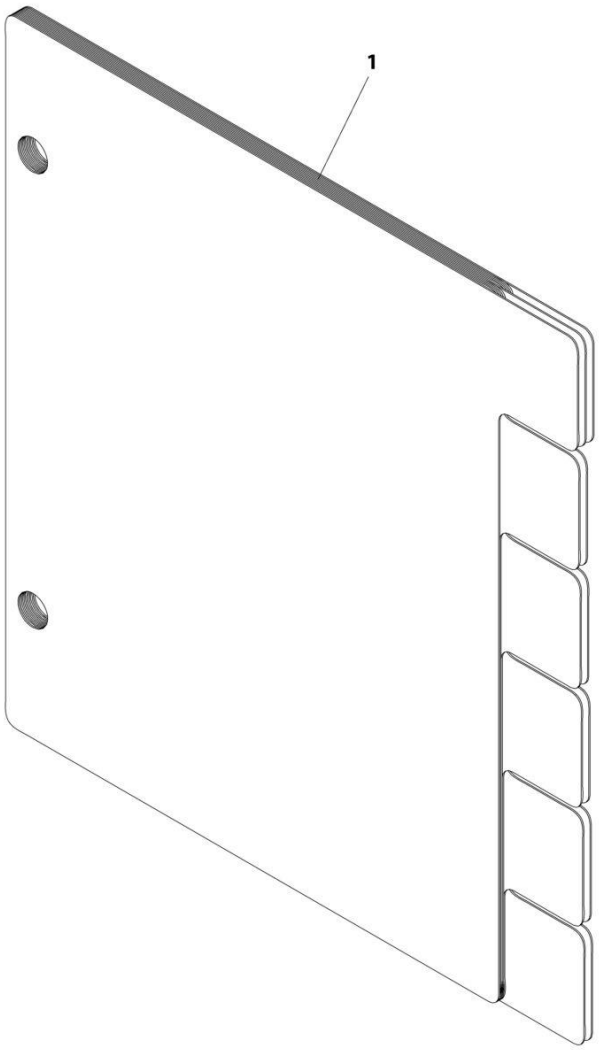


FIGURE 11-3. DECALS INSTALLATION - JLG AG

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001288630	Ref	DECALS INSTALLATION	A
1	1001159728	2	Decal - JLG (725mm)	
2	1001169674	2	Decal - JLG (286mm)	
3	1001279166	2	Decal - Boom Head 9	
4	1001288631	1	Decal - JLG (355mm)	
5	1001288632	2	Decal - AG925 (453mm)	
6	1001288633	1	Decal - AG925 (511mm)	
7	1001288634	1	Decal - Hex Pattern (Cab Side)	
8	1001288635	1	Decal - Hex Pattern (Engine Side)	

FIGURE 11-4. CAPACITY CHART (ANSI)



ART_1001257002_E

FIGURE 11-4. CAPACITY CHART (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001257002	Ref	CAPACITY CHART (ANSI)	

FIGURE 11-5. CAPACITY CHART HOLDER INSTALLATION

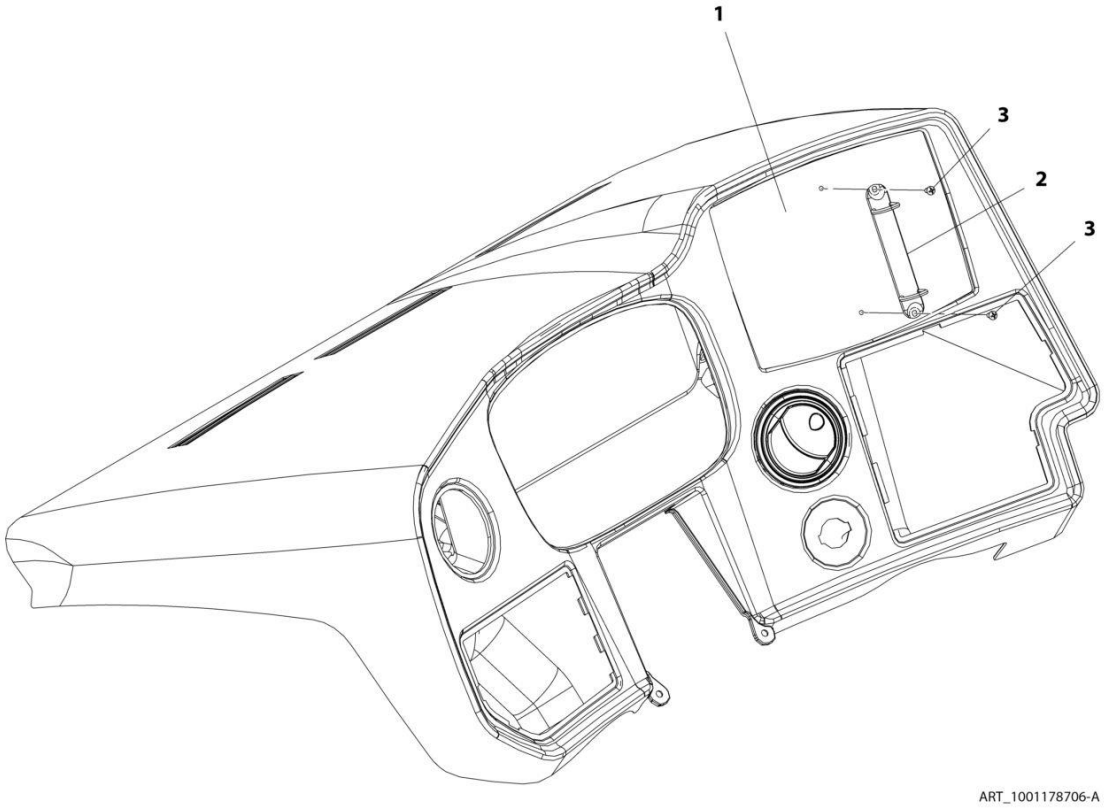


FIGURE 11-5. CAPACITY CHART HOLDER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178706	Ref	Capacity Chart Holder Installation	A
1	1001179297	1	Load Chart, Bezel	
2	1001005960	1	Holder	
3	7029486	2	Screw	

FIGURE 11-6. CLEARSKY DECAL INSTALLATION

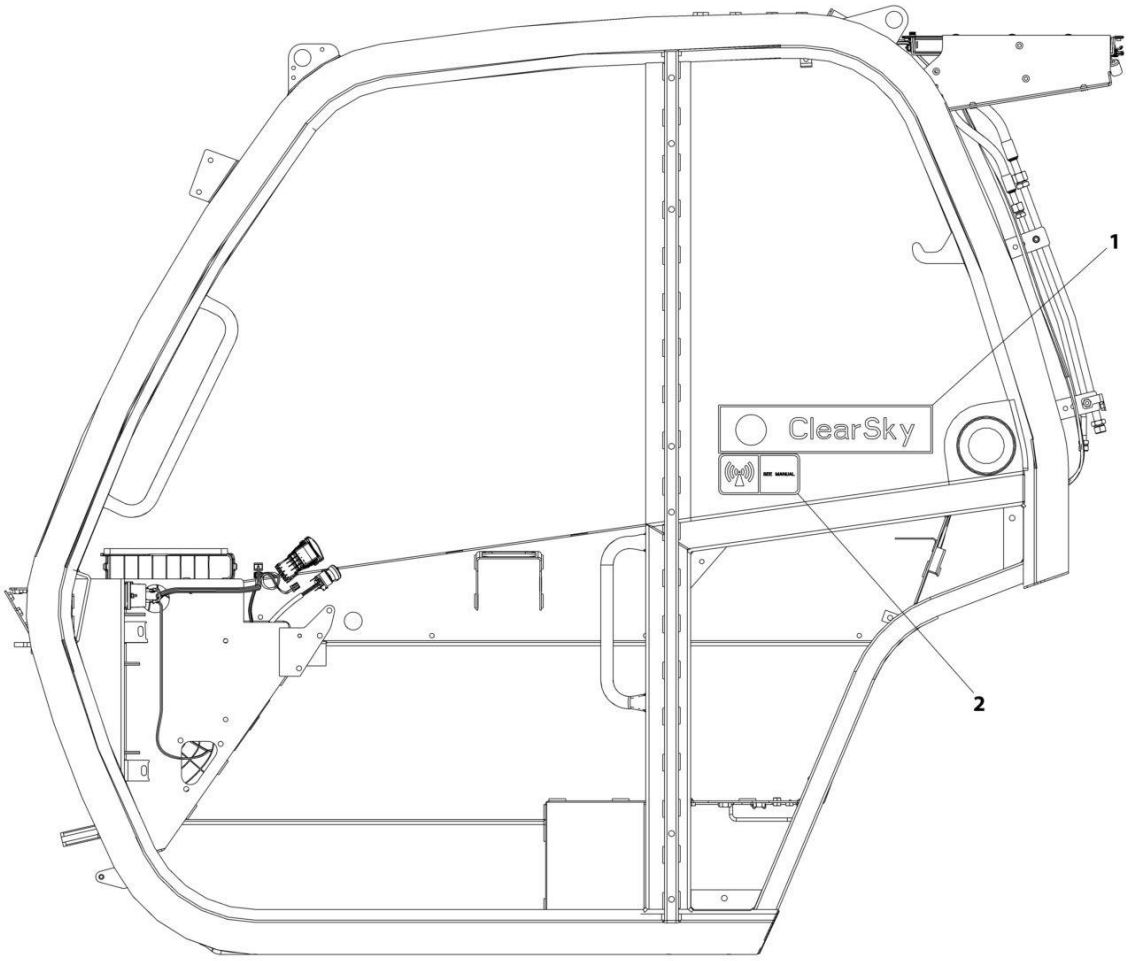


FIGURE 11-6. CLEARSKY DECAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229707	Ref	Clearsky Decal Installation	C
1	1001294815	1	Decal - ClearSky	
2	1001120989	1	Radio Frequency Decal	

FIGURE 11-7. TRIANGLE INSTALLATION - SLOW MOVING VEHICLE

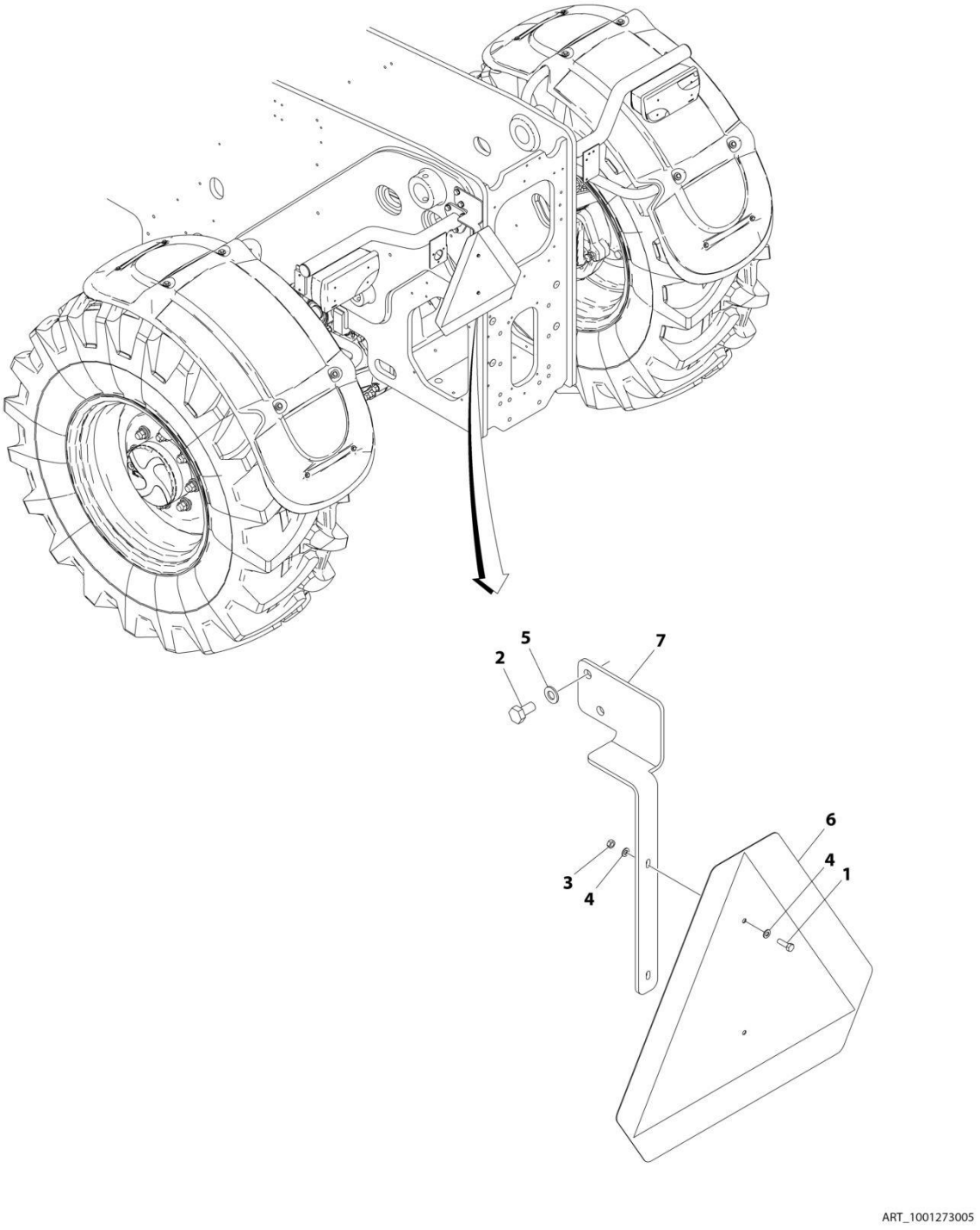


FIGURE 11-7. TRIANGLE INSTALLATION - SLOW MOVING VEHICLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001273005	Ref	TRIANGLE INSTALLATION - SLOW MOVING VEHICLE	A
1	0760508	2	Bolt M5 x 16	
2	0761010	2	Bolt M10 x 20	
3	3290501	2	Nut M5	
4	4811600	4	Washer M5	
5	4812000	2	Washer M10	
6	1001272882	1	Reflector, Red Triangle	
7	1001273004	1	Bracket	

FIGURE 11-8. TRIANGLE INSTALLATION (WITH HITCH)

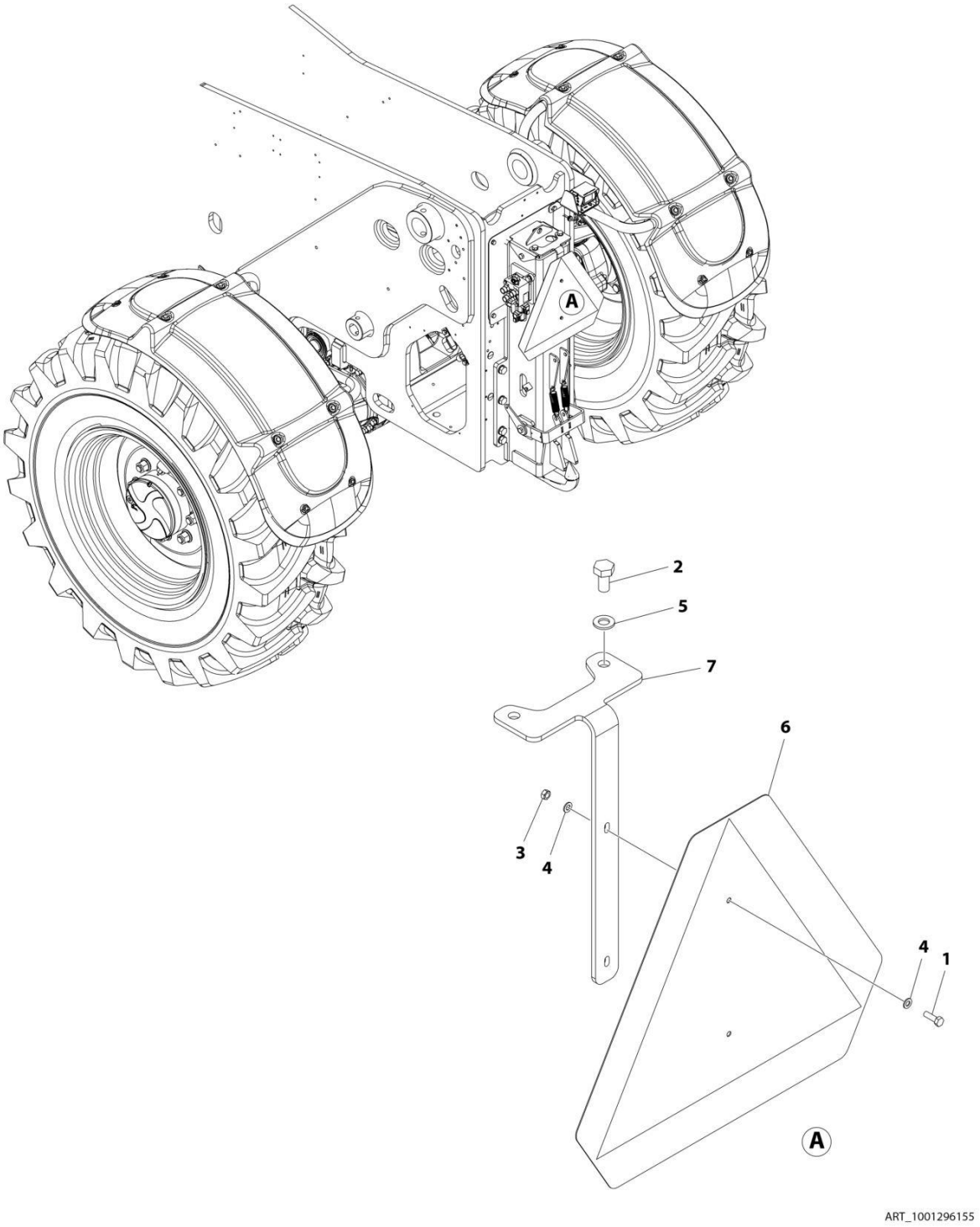


FIGURE 11-8. TRIANGLE INSTALLATION (WITH HITCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296155	Ref	TRIANGLE INSTALLATION - SLOW MOVING VEHICLE (WITH HTICH)	A
1	0760508	2	Bolt M5 x 16	
2	0761010	2	Bolt M10 x 20	
3	3290501	2	Nut M5	
4	4811600	4	Washer M5	
5	4812000	2	Washer M10	
6	1001272882	1	Reflector, Red Triangle	
7	1001296156	1	Bracket	

SECTION 12 - RECOMMENDED SERVICE PARTS STOCK

SECTION 12 - RECOMMENDED SERVICE PARTS STOCK

FIGURE 12-1. RECOMMENDED SERVICE PARTS STOCK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: The following list will service one machine (built to current production per date on the front cover) with emergency repair parts which can be installed in the field. Parts from the list should be replaced when inventory is depleted to keep service parts stock supplied. For further information, contact your JLG dealer or the JLG Industries Parts Department.	
	70024455	1	Coil (Concrete Bucket)	
	70027269	1	Coil (Divertor Valve)	
	70020764	1	Coil (Divertor Valve)	
	70002971	1	Coil (Fan Motor Control)	
	70003788	1	Coil (Fan Motor Control)	
	70026967	1	Coil (Hydraulic Hitch Control)	
	70002386	1	Coil (Priority Flow Manifold)	
	70026582	1	Coil (Steering Select Valve)	
	70028870	1	Coil (Trailer Brake Valve)	
	70025456	1	Coil, Solenoid (Solenoid Valve)	
	1001270467	1	Control, TMH Front Frame Module LBP	
	1001270468	1	Control, TMH Rear Frame Module LBP	
	1001159028	1	Controller, Accelerator Pedal	
	70024859	1	Controller, Backrest Actuator (Seat Assembly Air Suspension - Premium)	
	1001187413	1	Controller, Brake Pedal	
	1001222603	1	Controller, Joystick 3R4B	
	1001242098	1	Controller, Joystick Fingertip Control	
	1001201951	1	Controller, Parking Brake (Mechanical)	
		Ref	Engine (90KW ULS)	
	70004511	12	Filter, Fuel	
	70025153	12	Filter, Fuel Prefilter	
	7016331	12	Filter, Oil	
	70025850	12	Filter, Primary Air	
	70025851	12	Filter, Secondary Air	
		Ref	Engine (100KW ULS)	
	70027417	12	Filter, Fuel	
	70025153	12	Filter, Fuel Prefilter	
	7016331	12	Filter, Oil	
	70025850	12	Filter, Primary Air	
	70025851	12	Filter, Secondary Air	
	1001162662	12	Filter, Breather Hydraulic (Hydraulic Tank)	
	1001162659	12	Filter, Hydraulic (Hydraulic Tank)	
	8229242	2	Fuse, 5A (Electrical & OPT 1 Board, Engine Harness)	
	80983191	2	Fuse, 10A (Electrical, OPT 1 & OPT 2 Board)	
	8229234	2	Fuse, 10A (Cab Harness)	
	8229244	2	Fuse, 15A (OPT 2 Board, Power Distribution Box & Engine Harness)	
	8229247	2	Fuse, 25A (OPT 1 Board, Power Distribution Box & Engine Harness)	
	8229245	2	Fuse, 30A (Electrical Board, Power Distribution Box & Engine Harness)	
	1001205172	2	Fuse, 35A (Engine Harness)	
	70026297	2	Fuse, 80A (Power Distribution Box)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001095336	2	Fuse, 150A (Power Distribution Box)	
	70026296	2	Fuse, 200A (Power Distribution Box)	
	1001177597	2	Fuse, Mini Diode 6A (Engine Harness)	
	70022765	1	Key, Ignition	
	2940074	1	Latch (Fork Mounted Platform)	
	1001270466	1	Module, Cab Control	
	1001262322	1	Module, ClearSky Telematics CANBUS	
	70026292	1	Relay, 35Amp (Electrical Board)	
	70026295	1	Relay, 35Amp (Power Distribution Box)	
	70026293	1	Relay, 50Amp (OPT 1 Board)	
	70026294	1	Relay, 70Amp (Power Distribution Box)	
	1001117308	1	Relay, 200Amp (Electrical Relay Installation)	
	4000015	1	Sensor, Angle (Boom Angle Sensor)	
	1001149376	1	Sensor, Coolant Level (Expansion Tank)	
	70025539	1	Sensor, Pad (Upper Seat Assembly)	
	1001160730	1	Sensor, Rear Axle LSI	
	1001189997	1	Sensor, Reverse	
	70026808	1	Sensor, Steering (Rear Axle)	
	1001128478	1	Sensor, Temperature (CAC & Hydraulic Tank)	
	1001269578	1	Sensor, Temperature (Heat & A/C)	
	1001102502	1	Switch, 4 Position Key (Ignition Switch)	
	1001104654	1	Switch, AUX Decomp (Dash Electrical)	
	1001159738	1	Switch, Beacon (Beacon Install)	
	1001159745	1	Switch, Boom Ride (Boom Raise Hoses Install (With Ride Control)	
	1001159739	1	Switch, Boom Worklights	
	4360658	1	Switch, Brake Light (Switch Plate)	
	1001159748	1	Switch, Bucket Mode (Dash Electrical)	
	1001159741	1	Switch, Constant AUX (Dash Electrical)	
	1001202421	1	Switch, Declutch (Declutch Switch Installation)	
	1001192142	1	Switch, Disconnect (Electrical Components)	
	1001163639	1	Switch, Driving Lights (Dash Electrical)	
	1001198932	1	Switch, Engine Speed Set (Engine Speed Set Installation)	
	1001159737	1	Switch, Fog Lights (Dash Electrical)	
	1001189898	1	Switch, Framer/Loader (Dash Electrical)	
	1001159845	1	Switch, Front Worklights (Cab Worklights)	
	1001159734	1	Switch, Hazard (Dash Electrical)	
	70024107	1	Switch, Heater (Premium Air Suspension Seat)	
	1001198836	1	Switch, Hitch (Hitch Installation)	
	1001169268	1	Switch, Horn (Horn Button Installation)	
	1001160326	1	Switch, HVAC On/Off (Heater & AC)	
	1001159925	1	Switch, HVAC Recycle (Heater & AC)	
	1001172547	1	Switch, HVAC Rotary 3 Speed (Heater & AC)	
	1001159742	1	Switch, LSI Override	
	1001200633	1	Switch, Pushbutton (Brake Installation - Trailer)	
	1001080375	1	Switch, Quick Switch (Hydraulic Coupler)	
	1001159735	1	Switch, Rear Wiper (Dash Electrical)	
	1001159846	1	Switch, Rear Worklights (Cab Worklights)	
	1001145204	1	Switch, Reversing Fan (Cooling Package)	
	1001159736	1	Switch, Roof Wiper	
	1001159849	1	Switch, Steer Mode (Dash Electrical)	
	1001214280	1	Switch, Turn-Wiper (Wiper - Turn Switch (0 Speed -FNR) & (No Speed)	

SECTION 12 - RECOMMENDED SERVICE PARTS STOCK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174712	1	Switch, USB Charger (Dash Electrical)	
	1001257348	1	Switch, Zero Speed (Wiper - Turn Switch (0 Speed -FNR)	

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

FIGURE 13-1. SPECIAL OPTIONS/ACCESSORIES/KITS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	See Note	Ref	Note: This list is to accommodate machines ordered with special equipment. Options may not be applicable to all models. For more specific parts information contact JLG Parts Department.	
		Ref	SPECIAL OPTIONS/ACCESSORIES/KITS	
	1001264937	Ref	Boom Assembly Kit	
	1001264916	Ref	Boom Brush Kit	
	1001264918	Ref	Boom Kit	
	1001199382	Ref	Cab Guard Front & Top Kit	
	1001199381	Ref	Cab Guard Front Kit	
	1001199380	Ref	Cab Guard Top Kit	
	1001268341	Ref	Camera (Rear View) Add-on Kit(Dealer Installed)	
	1001264727	Ref	ClearSky Kit	
	1001291402	Ref	Silicone Installation (No ClearSky)	
	70024168	Ref	Coupler Locking Cylinder Seal Kit	
	1001264873	Ref	Filter Kit - Without HVAC (Level 1)	
	1001264874	Ref	Filter Kit - With HVAC (Level 2)	
	1001274892	Ref	Forward/Reverse Lever Kit - 0 Speed	
	1001265291	Ref	Service Kits	C
	1001293558	Ref	Seat (SEAOP) Kit	
	1001264921	Ref	Wear Pad Kit	

PART NUMBER INDEX

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

0100011.....797
0240063.....243
0240117.....137
0240118.....141
0400075.....757
0498748.....477
0630576.....29, 31, 313
0641405.....149
0641510.....239
0642032.....197, 201, 205
0700408.....629, 903, 905
0700510.....347
0700608.....329
0700610..23, 29, 31, 313, 317, 323, 353, 511, 633, 811, 883, 885, 887, 889
0700612....313, 457, 459, 461, 463, 595
0700614 81, 83, 239, 281, 317, 568, 811, 869
0700615.....101
0700618.....770
0700620.....75
0700810.....675
0700812.....851
0700814.....53
0700815.....701
0700816.....293, 295
0700817.....339, 675
0700818.....811
0700819.....665
0700820....319, 585, 587, 589
0700821.....313
0700823.....327
0700824.....641
0700826.....329
0701011.....675
0701012....289, 319, 675, 689
0701014.....23, 283, 353, 605, 689
0701015.....869
0701016....293, 295, 297, 355, 661, 663
0701018.....319, 353
0701020.....341, 345
0701021.....661, 663
0701024.....51
0701029.....213
0701030.....353
0701214.....281, 283, 289
0701229.....115, 117
0701232.....115, 117
0701616.....59, 61, 67
0701617.....71
0701626.....261
0701628.....261
0701630.....105, 261
0711216.....93, 95
0711228.....91
0711616.....75
0711631.....109
0712027.....467
0712030.....373
0712040.....361
0750804..... 475
0760410..... 871
0760507... 117, 337, 817, 819
0760508..... 939, 941
0760512..... 533
0760605... 305, 477, 621, 627
0760607... 281, 327, 335, 477
0760608... 111, 309, 511, 527, 533, 595, 603, 621, 627, 641, 851, 901
0760610..... 879, 893
0760612..... 29, 31, 281
0760614.... 101, 271, 843
0760619..... 273
0760805..... 895
0760807.... 669, 671, 677
0760808... 115, 117, 271, 273, 497, 597, 817, 819, 843
0760810... 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 75, 79, 91, 281, 283, 323, 327, 329, 335, 499, 537, 545, 551, 553, 563, 568, 585, 589, 597, 621, 645, 675, 685, 695, 817, 819, 883, 903, 905, 909
076081251, 95, 105, 107, 287, 289, 309, 313, 317, 327, 341, 345, 457, 459, 461, 463, 479, 645, 669, 671
0760814..... 327
0760815.... 281, 479, 665
0760816.... 347, 669, 671
0760817..... 665
0760823..... 47, 331
0761008..... 699
0761009..... 757, 759
0761010... 23, 25, 27, 75, 87, 283, 297, 317, 347, 391, 393, 631, 673, 767, 875, 903, 905, 939, 941
0761011..... 327
0761012... 23, 29, 31, 47, 79, 277, 279, 281, 283, 335, 341, 343, 345, 349, 355, 641, 661, 663, 723, 757, 759, 817, 819, 851, 869
0761014... 281, 283, 675, 705
0761015..... 391, 393
0761210..... 317
0761214..... 23, 385, 817, 819
0761215..... 47, 261, 691
0761216..... 261
0761217..... 23
0761228..... 107
0761412..... 899
0761619..... 261
0770810 ..... 287, 313
0770814 625
0771212 95
0771618 57
0860520 149
0930003 167
0930004 157
0930006 161
1001001556 663
1001002946 479
1001002947 479
1001002953 479
1001002957 479
1001003043 491
1001003064 191
1001003301 53
1001003305 ..... 277, 279, 335, 675, 699, 817, 819, 851
1001003427 49
1001003439 19
1001003474 247
1001003475 247
1001003590 75, 313, 327, 689, 697
1001003596 645
1001003809 631
1001003934 289
1001004143 289
1001004617 191
1001004618 191
1001004619 191
1001004620 191
1001004640 641
1001004723 851
1001005038 ..... 523, 525
1001005193 523
1001005262 ..... 679, 681, 683
1001005368 493
1001005904 ..... 661, 679, 681, 683
1001005960 935
1001005980 ..... 81, 83
1001005981 81
1001006730 557
1001006731 559
1001006954 525
1001006955 525
1001008436 ..... 83, 85
1001008450 691
1001008462 ..... 361, 373
1001008469 633
1001008475 85
1001008540 926
1001008559 87, 341, 343, 345, 347, 349, 355, 387, 817, 819, 851, 895, 901
1001008573 ..... 341, 345
1001008574 335
1001008575 51
1001008580 317
1001008586 675
1001008593 ..... 335, 355, 817, 819
1001008626 ..... 289, 675
1001008657.....289
1001008665.....191
1001008720 75, 289, 341, 343, 345, 349, 817, 819
1001008742.....521
1001008761 75, 313, 327, 689, 697
1001008773.....673
1001008804.....319, 673, 677
1001008805 75, 665, 679, 681, 683, 685
1001008857.....479
1001008863.....665, 669, 671
1001008922.....319, 661, 663, 665, 669, 671
1001008923.....101, 763, 877, 879
1001008926.....811
1001008988.....477
1001009062.....85
1001009105.....191
1001009163 53, 321, 391, 393
1001009207.....75
1001009375.....817, 819
1001009384.....289
1001010240.....319
1001010646.....557, 559
1001010647.....557, 559
1001010648.....557, 559
1001010649.....557, 559
1001010650.....557, 559
1001010838.....85
1001010938.....319
1001025750.....817, 819, 895
1001026104.....277, 279, 355
1001028291.....19
1001028308.....19
1001032853.....75
1001033119.....75
1001033120.....289
1001047062.....477
1001080375.....679, 681, 945
1001090150.....93, 95
1001090343.....491, 521, 579
1001091126.....19
1001091313.....215
1001091715.....869
1001091716.....869
1001091751.....913
1001092008.....443, 445
1001092009.....449, 451
1001092122.....341, 345
1001092298.....99
1001092481.....145
1001092482.....145
1001092771.....301
1001093171.....237
1001093277.....313
1001093401.....287, 313

1001093826 ..... 121, 161, 215, 241
1001093827 ..... 121, 161, 215, 241
1001094555 ..... 157, 161, 167, 207, 209, 211, 215
1001094556 ..... 157, 161, 167, 207, 209, 211, 215
1001094708 926
1001095301 ..... 661, 663, 723
1001095336 ..... 813, 945
1001095401 355
1001095650 ..... 457, 459, 461, 463, 513, 515
1001095804 ..... 789, 791
1001095810 149
1001096019 147
1001096020 147
1001096024 147
1001096365 479
1001096726 97
1001096870 ..... 91, 97
1001096913 869
1001097051 787
1001097205 237
1001097244 511
1001097287 ..... 161, 167
1001097540 . 29, 31, 599, 601
1001097586 491
1001098146 ..... 115, 117
1001098147 ..... 115, 117
1001098150 504
1001098457 91, 115, 117
1001098629 .... 59, 61, 63
1001098630 ..... 67, 69
1001100284 453
1001100442 97
1001100845 ..... 457, 459
1001101041 ..... 121, 151, 241, 661, 663, 679, 681, 683, 685
1001101042 ..... 121, 151, 241, 661, 663, 679, 681, 683, 685
1001101063 671
1001101064 ..... 669, 671
1001101563 387
1001102502 ..... 867, 945
1001102750 926
1001103012 776
1001103156 767
1001103201 152
1001103300 767
1001103530 215
1001103531 151
1001103533 215
1001103640 685
1001104435 197
1001104437 645
1001104477 ..... 679, 727
1001104498 ..... 776, 857
1001104519 778
1001104646 ..... 661, 663
1001104654 ..... 789, 791, 945
1001104685..... 341, 343, 345, 349
1001104934..... 701
1001104958..... 151
1001105639..... 673
1001105643..... 673
1001106570..... 57
1001106930..... 151
1001107192..... 477
1001107336..... 195
1001107338..... 195, 199, 203
1001107581..... 195
1001107854..... 776, 777, 779, 803, 853, 857, 858, 861
1001108918..... 679, 681, 683
1001110023..... 661, 679, 681, 683, 729
1001110115..... 679
1001110544..... 869
1001110849..... 71, 73
1001111076..... 603
1001111147..... 583, 603
1001111317..... 475, 485
1001111424..... 815
1001112612..... 779, 917
1001112796..... 799, 917
1001112923..... 453
1001114787..... 115, 711
1001114802..... 359
1001116128..... 583, 895
1001116686..... 854, 862
1001116696..... 831, 858
1001116697..... 776
1001116700..... 779, 807
1001116701..... 825
1001116710..... 834
1001116716..... 778
1001116720..... 865
1001116723..... 776, 777, 778
1001116725..... 824, 840
1001116726..... 824, 840
1001116728..... 776, 832, 881
1001116732..... 823, 832, 840
1001116734..... 823, 831, 832, 840
1001116735..... 831
1001116747..... 803, 832
1001116748..... 776
1001116753..... 775
1001116754..... 779
1001116763..... 803
1001116810..... 853, 861
1001116811..... 823, 832, 839
1001116812..... 776, 779, 822, 823, 824, 831, 832, 839, 853, 861, 862
1001116815..... 779, 826, 834
1001116950..... 822, 825, 831, 833, 839, 854, 862
1001116983..... 834
1001116984..... 776
1001116985..... 776
1001116986..... 776, 778
1001116991..... 776, 779, 865
1001116995..... 776, 854, 857, 862, 921
1001116996..... 858
1001116997..... 778
1001116998..... 776
1001116999..... 779, 865
1001117011..... 807
1001117018..... 831, 832
1001117021..... 803
1001117064..... 776
1001117079..... 776
1001117081..... 777, 778
1001117108..... 857, 862
1001117109..... 823, 833, 862
1001117110..... 823, 832, 833, 853, 857, 861
1001117308..... 811, 815, 945
1001118282..... 823, 832, 840
1001118323..... 854, 862
1001118379..... 776, 854, 857, 862
1001118384..... 776, 777, 778, 779
1001118386..... 776
1001118387..... 776
1001118390..... 839
1001118392..... 858
1001118684..... 779
1001119109..... 854
1001119220..... 353
1001119467..... 551, 553
1001120501..... 675
1001120989..... 937
1001121021..... 101
1001121127..... 699
1001125117..... 93, 95
1001125387..... 926
1001125466..... 287, 313
1001125677..... 779, 826, 841
1001126008..... 779, 824, 840, 853, 857, 861
1001126011..... 779
1001126245..... 824, 840
1001126349..... 831, 840
1001126351..... 831, 840
1001126352..... 831, 840
1001126353..... 825, 831, 840
1001126356..... 831
1001126357..... 831
1001126360..... 831, 840
1001126362..... 824, 831, 840
1001126384..... 831, 840
1001126391..... 824, 825, 831
1001126393..... 824, 825, 831, 840
1001126485..... 823, 824, 825, 839, 840
1001126487..... 823, 824, 839
1001126837..... 767, 893
1001127728..... 447
1001128127..... 853, 861
1001128128..... 823, 832
1001128478 53, 321, 391, 393, 945
1001130198..... 277, 279, 817, 819
1001130323..... 926
1001132564..... 504
1001133690..... 293, 295
1001133714..... 822, 825, 831, 833, 839
1001133715..... 822, 824, 825, 831, 834, 839
1001133793..... 293, 295
1001134274..... 767
1001135245..... 339
1001135250..... 839
1001135650..... 822, 824, 825, 831, 834
1001135651..... 822, 824, 825, 831, 834
1001136999..... 779
1001137000..... 779
1001137512..... 235
1001137548..... 840
1001137578..... 825
1001138116..... 824
1001138645..... 271, 273, 817, 819, 843
1001139034..... 287, 313
1001139551..... 579
1001139552..... 493
1001139568..... 493
1001140296..... 317
1001141246..... 479
1001141281..... 499
1001141311..... 579
1001141312..... 493
1001141313..... 579
1001141596..... 757
1001142285..... 441
1001142286..... 441, 443
1001142287..... 441, 445
1001142288..... 447
1001142289..... 447, 449
1001142290..... 447, 451
1001142658..... 55
1001142659..... 55
1001143200..... 495
1001143857..... 641
1001144147..... 787, 823, 832, 839
1001144296..... 779
1001144629J..... 149
1001145204..... 285, 945
1001145300..... 757, 759
1001145444..... 711
1001145539..... 568

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001146588 75, 101, 277, 279, 317, 339, 679, 681, 683, 770, 797, 817, 819, 851, 877, 879, 895
1001146901 583
1001146949 653
1001147060 901
1001147449 ..... 504, 507
1001147657 ..... 93, 95
1001147731 ..... 93, 95
1001148841 ..... 824, 840
1001148842 ..... 824, 840
1001149278 ..... 504, 507
1001149308 325
1001149375 ..... 323, 325
1001149376 ..... 325, 945
1001149923 117
1001150611 ..... 853, 861
1001150735 778
1001150737 778
1001151257 675
1001152378 275
1001152729 289
1001152915 475
1001152940 ..... 287, 313
1001152947 475
1001153748 ..... 703, 741
1001153860 ..... 91, 93
1001153861 ..... 91, 95
1001154174 ..... 93, 95
1001154688 23
1001155228 ..... 473, 477
1001155408 91
1001155441 99
1001155446 467
1001155447 ..... 471, 499
1001155486 579
1001155823 ..... 341, 345
1001155958 91
1001155959 91
1001155960 91
1001156265 641
1001157890 ..... 854, 862
1001157891 857
1001158146 789
1001158596 537
1001158736C 545
1001158738C 551
1001159028 ..... 617, 619, 944
1001159728 ..... 929, 931
1001159734 ..... 789, 791, 945
1001159735 ..... 789, 791, 945
1001159736 ..... 579, 945
1001159737 ..... 789, 791, 945
1001159738 ..... 761, 945
1001159739 ..... 877, 879, 945
1001159741 ..... 789, 791, 945
1001159742 ..... 791, 897, 945
1001159743 791
1001159745 ..... 671, 945
1001159748 ..... 789, 791, 945
1001159845 ..... 883, 885, 887, 889, 945
1001159846 ..... 883, 885, 887, 889, 945
1001159849 ..... 789, 791, 945
1001159925 ..... 563, 568, 945
1001160326 ..... 568, 945
1001160496 585
1001160498 775
1001160499 857
1001160500 ..... 853, 861
1001160502 775
1001160503 ..... 585, 589
1001160506 587
1001160509 ..... 853, 857, 861
1001160510 ..... 853, 857, 861
1001160730 945
1001160775 929
1001161067 509
1001161068 504
1001161078 607
1001161080 607
1001161095 ..... 775, 853, 857, 861
1001161097 775
1001161098 ..... 775, 853, 861
1001161099 ..... 775, 853, 857, 861
1001161100 ..... 853, 857, 861
1001161101 ..... 853, 857, 861
1001161252 593
1001161253 591
1001161499 ..... 471, 617
1001161672 641
1001161769 ..... 770, 781
1001161770 ..... 770, 783
1001161771 ..... 770, 785
1001161851 507
1001161855 504
1001161896 641
1001161897 641
1001161898 641
1001161957 ..... 853, 861
1001161958 857
1001161959 775
1001161963 ..... 853, 861
1001161964 857
1001162636 117
1001162659 ..... 53, 944
1001162662 ..... 53, 944
1001162767 53
1001162886 775
1001162887 775
1001162920 621
1001162922 621
1001162953 ..... 568, 571
1001162979 641
1001163103 ..... 93, 95
1001163387 261
1001163639 ..... 789, 791, 945
1001164053 387
1001164402 ..... 811, 813
1001164655 497
1001164726 477
1001165194 ..... 825, 840
1001165269 ..... 533, 535
1001165270 533
1001165273 535
1001165275 479
1001165276 485
1001165309 ..... 853, 861
1001165310 ..... 854, 862
1001165311 857
1001165327 535
1001165351 521
1001165416 521
1001165455 521
1001165458 ..... 511, 521
1001165637 499
1001165789 ..... 293, 295, 337
1001166385 603
1001166541 824
1001166543 ..... 824, 831, 840
1001166551 825
1001166555 825
1001166556 ..... 824, 825, 831, 840
1001166565 ..... 297, 299
1001166634 ..... 479, 485
1001166701 ..... 824, 831
1001166704 ..... 825, 840
1001166707 ..... 822, 839
1001166715 297
1001166754 467
1001166755 467
1001166774 ..... 824, 825, 831, 840
1001167004 649
1001167015 ..... 581, 583
1001167017 903
1001167212 759
1001167266 ..... 571, 573
1001167356 353
1001167408 347
1001167528 ..... 825, 840
1001167615 825
1001167616 ..... 824, 840
1001167620 ..... 825, 840
1001167621 825
1001167622 825
1001167623 825
1001167624 825
1001167625 825
1001167629 ..... 825, 840
1001167630 ..... 824, 825, 840
1001167631 ..... 824, 840
1001167634 823
1001167635 ..... 824, 839
1001167636 ..... 822, 839
1001167773 347
1001167822 883
1001167823 887
1001167937 483
1001167958 ..... 477, 483
1001167981 ..... 471, 504
1001168030 289
1001168142 641
1001168151 641
1001168152 ..... 471, 473
1001168272 331
1001168327 568
1001168330 568
1001168331 568
1001168456 568
1001168531 ..... 545, 807
1001168727 317
1001168758 29
1001169048 109
1001169049 109
1001169135 547
1001169146 ..... 335, 817, 819
1001169151 ..... 568, 803
1001169216 261
1001169268 ..... 647, 945
1001169354 ..... 637, 639
1001169355 639
1001169367 639
1001169424 261
1001169454 47
1001169603 504
1001169604 ..... 504, 507
1001169674 ..... 929, 931
1001169751 637
1001169763 647
1001169825 811
1001169880 485
1001169883 487
1001169885 487
1001169918 281
1001170106 49
1001170113 487
1001170113J 485
1001170114 ..... 477, 485
1001170231 621
1001170325 601
1001170326 531
1001170366 ..... 469, 527
1001170504 504
1001170514 509
1001170518 504
1001170519 ..... 504, 509
1001170601J 477
1001170603 ..... 473, 495
1001170716 581
1001170718 581
1001170944 479
1001170984 115
1001170993 529
1001171000 353
1001171037 487
1001171390 ..... 115, 117
1001171392 115
1001171635 487
1001171756 533
1001171767 529
1001171782 ..... 29, 31

1001171874 621
1001171913 281
1001171959 281
1001172035 926
1001172088 621
1001172094 621
1001172146 51
1001172147 51
1001172193 ..... 475, 485
1001172401 ..... 471, 501
1001172547 ..... 563, 568, 945
1001172550 ..... 563, 568
1001172551 801
1001172553 ..... 563, 568
1001172693 49
1001172774 589
1001172829 31
1001172886 ..... 115, 117
1001172894 ..... 658, 703
1001172900 ..... 658, 689
1001172909 ..... 658, 673
1001173013 ..... 658, 667
1001173257 587
1001173298 477
1001173411 778
1001173418 677
1001173425 583
1001173641 ..... 473, 475
1001173771 ..... 723, 725
1001173789J 93
1001173829 871
1001173965 504
1001174295 ..... 477, 489
1001174320 475
1001174321 479
1001174328 ..... 29, 31
1001174557 95
1001174567 ..... 631, 633
1001174652 507
1001174653 507
1001174655 507
1001174712 ..... 789, 791, 946
1001174741 595
1001174795 333
1001174800 595
1001174801 595
1001174879 385
1001174880 385
1001174881 385
1001175201 331
1001175225 109
1001175265 ..... 824, 832, 840
1001175266 ..... 853, 857, 861
1001175309 255
1001175315 259
1001175320 ..... 309, 311
1001175325 283
1001175470 531
1001175471 ..... 527, 529
1001175477 477
1001175553 ..... 255, 263
1001175661 95
1001175733 911
1001175746 91
1001175747 91
1001175749 91
1001175754 107
1001175762 95
1001175776 ..... 907, 909, 911
1001175853 93
1001175896 91
1001175897 91
1001175898 105
1001175900 91
1001175903 504
1001176002 ..... 825, 841
1001176004 ..... 825, 841
1001176121 ..... 527, 531
1001176140 595
1001176257 595
1001176272 495
1001176273 495
1001176313 705
1001176318 595
1001176323 77
1001176333 775
1001176338 805
1001176407 ..... 91, 99
1001176626 495
1001176691 91
1001176882 99
1001176942 107
1001176964 45
1001176965 ..... 45, 47
1001176966 ..... 45, 51
1001177048 635
1001177049 635
1001177050 635
1001177051 635
1001177052 635
1001177053 ..... 631, 635
1001177054 95
1001177060 51
1001177062 51
1001177073 95
1001177082 51
1001177464 593
1001177597 ..... 779, 826, 834, 841, 945
1001177638 ..... 359, 385
1001177851 ..... 391, 395
1001177863 ..... 255, 257, 259, 691
1001177870 385
1001178053 ..... 871, 873
1001178123 521
1001178159 475
1001178160 475
1001178170 568
1001178439 ..... 255, 391
1001178474 47
1001178526 117
1001178622 257
1001178678 ..... 473, 491
1001178679 ..... 491, 493
1001178680 493
1001178681 493
1001178693 47
1001178706 935
1001178725 353
1001178729 87
1001178749 ..... 353, 355
1001178783 805
1001178791 331
1001178826 611
1001179008 ..... 609, 611, 613
1001179009 ..... 609, 611, 613
1001179041 669
1001179054 685
1001179056 681
1001179058 679
1001179059 919
1001179080 571
1001179081 571
1001179130 ..... 571, 575
1001179197 759
1001179221J 757, 759
1001179297 935
1001179482 603
1001179483 603
1001179484 513
1001179585 759
1001179586 ..... 757, 759
1001179592 601
1001179861 347
1001179864 ..... 285, 323
1001179895 599
1001179898 599
1001179907 ..... 271, 273, 843
1001179910 ..... 347, 351
1001179937 767
1001180045 521
1001180134 ..... 658, 701
1001180196 59
1001180198 67
1001180202 61
1001180206 71
1001180207 57
1001180226 283
1001180227 283
1001180263 ..... 587, 589
1001180267 757
1001180328 335
1001180418 645
1001180472 631
1001180529 877
1001180574J 33
1001180593 355
1001180682 805
1001180683 805
1001180809 701
1001180810 701
1001180811 701
1001180850 695
1001180855 695
1001181008 673
1001181016 673
1001181017 677
1001181019 673
1001181161 ..... 679, 681, 683, 685
1001181170 673
1001181411 493
1001181413 349
1001181531 867
1001181559 ..... 393, 397
1001181562 667
1001181563 667
1001181564 667
1001181565 667
1001181568 667
1001181569 667
1001181726 ..... 504, 511
1001181784 667
1001181920 495
1001181921 ..... 495, 907, 909
1001181927 651
1001181928 653
1001181951 ..... 255, 257, 293
1001181952 ..... 259, 295
1001182037 ..... 255, 257, 305
1001182039 ..... 259, 307
1001182111 287
1001182112 ..... 285, 287
1001182123 495
1001182139 495
1001182193 287
1001182210 ..... 29, 31
1001182213 ..... 313, 731
1001182217 ..... 817, 819
1001182218 ..... 817, 819
1001182219 ..... 817, 819
1001182231 689
1001182235 ..... 255, 257, 259, 275
1001182330 597
1001182450 285
1001182452 327
1001182453 327
1001182529 ..... 545, 547
1001182582 ..... 255, 257, 259, 261
1001182647 ..... 257, 259, 393
1001182650 ..... 817, 819
1001182651 ..... 817, 819
1001182652 ..... 817, 819
1001182654 ..... 817, 819
1001182735 ..... 255, 273
1001182763 75
1001182793 665
1001182824 ..... 281, 283
1001182834 504
1001182839 893
1001182881 ..... 305, 307
1001182885 ..... 305, 307
1001182886 305
1001182888 307
1001182929 ..... 817, 819, 845
1001182930 ..... 817, 819, 847
1001182935 339
1001182949 ..... 287, 291
1001182950 ..... 313, 315
1001182994 309
1001182995 309

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001183076.....285, 319
1001183125.....341, 345
1001183149.....341, 345
1001183274.....59, 61, 67
1001183297.....877, 879, 881
1001183347.....273
1001183357.....341, 345
1001183460.....105
1001183461.....107
1001183550.....509
1001183590.....29
1001183591.....31
1001183596.....901
1001183597.....515
1001183745.....261
1001183831.....297
1001183838.....811
1001183888.....883
1001183890.....883
1001183908J.....37
1001183909J.....43
1001183910J.....43
1001183956.....313
1001183958.....327
1001183983.....691, 693
1001184041.....207
1001184043.....209
1001184045.....211
1001184062.....285, 309
1001184099.....317
1001184120.....285, 317
1001184128.....317
1001184129.....317
1001184280.....577
1001184296.....565, 577
1001184297.....565, 577
1001184306.....801
1001184307.....801
1001184309.....801
1001184310.....801
1001184403.....575
1001184404.....575
1001184405.....575
1001184406.....575
1001184421.....763, 765
1001184423.....111
1001184425.....111
1001184426.....111
1001184427.....577
1001184439.....477
1001184445.....327
1001184473.....778, 865
1001184479.....778, 865
1001184503.....831
1001184514.....27
1001184517.....675
1001184518.....675
1001184524.....23
1001184530.....705
1001184531.....658, 705
1001184551.....832
1001184609.....311, 327
1001184610.....115
1001184632.....926
1001184710.....283
1001184800.....327
1001184839..... 919, 921
1001184955..... 285, 327
1001184975..... 591
1001185023J..... 23
1001185061..... 23
1001185189..... 259, 279
1001185210..... 313
1001185248..... 61, 65
1001185282..... 313
1001185337..... 285, 313
1001185351..... 658, 699
1001185364..... 91, 763
1001185375..... 255, 257, 817
1001185633..... 597
1001185809..... 789
1001185845..... 597
1001185848..... 597
1001185864..... 285, 339
1001185870..... 504
1001185871..... 319
1001185936..... 29, 31
1001186359..... 75
1001186370..... 327
1001186392..... 75
1001186395..... 81
1001186439..... 83
1001186565..... 883, 887
1001186567..... 883, 887
1001186574..... 389
1001186693..... 811
1001186698..... 111
1001186849..... 285, 321
1001187070..... 847
1001187076..... 839
1001187077..... 847
1001187078..... 839
1001187080..... 839
1001187276..... 285, 289
1001187277..... 289
1001187355..... 689
1001187413..... 621, 623, 944
1001187712..... 289
1001187717..... 29, 31
1001187851..... 767
1001187852..... 767
1001187853..... 767
1001188204..... 261
1001188262..... 471, 621
1001188407..... 323
1001188413..... 75
1001188548..... 661, 663
1001188590..... 563, 568
1001188592..... 577
1001188594..... 565, 577
1001188602..... 565, 577
1001188603..... 565, 577
1001188604..... 565, 577
1001188610..... 565, 577
1001188612..... 565, 577
1001188614..... 565, 577
1001188618..... 577
1001188619..... 577
1001188720..... 565, 577
1001188722..... 75
1001188725..... 565, 577
1001188729..... 565, 577
1001188733..... 565
1001188808..... 665
1001188817..... 577
1001188818..... 577
1001188855..... 353
1001188856..... 353
1001189023..... 577
1001189024..... 577
1001189025..... 565, 577
1001189048..... 577
1001189054..... 577
1001189099..... 115, 117
1001189182..... 504
1001189338..... 759
1001189339..... 759
1001189475..... 113
1001189476..... 113
1001189480..... 99
1001189569..... 869, 871
1001189586..... 261
1001189877..... 834
1001189884..... 317
1001189888..... 719
1001189898..... 789, 791, 945
1001189980..... 801
1001189984J..... 29, 31
1001189997..... 907, 909, 945
1001190225..... 903
1001190227..... 907
1001190396..... 873
1001190408..... 29, 31
1001190541..... 389
1001190542..... 361
1001190589..... 789
1001190921..... 826, 841
1001191091..... 489
1001191229..... 926
1001191281..... 511, 513
1001191282..... 513
1001191283..... 511, 515
1001191284..... 511, 517
1001191310..... 515
1001191311..... 517
1001191312..... 517
1001191313..... 517
1001191370..... 511
1001191508..... 287, 313
1001191521..... 51, 53
1001191533..... 53
1001191621..... 91, 105
1001191635..... 79
1001191808..... 29, 31
1001191959..... 517
1001192124..... 49
1001192125..... 47, 49
1001192142..... 811, 945
1001192240..... 513
1001192309..... 477
1001192392..... 49
1001192401..... 917
1001192411..... 339
1001192643..... 481
1001192644..... 483
1001192646..... 477
1001192711.....239
1001192720.....239
1001192766.....477, 481
1001192836.....87
1001192875.....239
1001192876.....239
1001192877.....239
1001193210.....485
1001193421.....705
1001193513.....701
1001193514.....701
1001193515.....701
1001193540.....239
1001193551.....281
1001193729.....239
1001193735.....353
1001193993.....811
1001194421.....779, 913
1001195004.....633
1001195207.....631
1001195210J.....23
1001195240J.....23
1001195252J.....23
1001195254.....633
1001195342.....573
1001195343.....573
1001195345.....573
1001195346.....573
1001195385.....573
1001195386.....573
1001195437.....573
1001195438.....573
1001195443.....317
1001195518.....261
1001195559.....249
1001195587.....25, 27
1001195741.....701
1001195742.....701
1001195829.....21, 23
1001195855.....926
1001195878.....475
1001196002.....695
1001196076.....551
1001196385.....453
1001196418.....27
1001196531.....469, 471
1001196587.....273
1001196661.....699
1001196723.....695
1001196751.....193
1001196787.....699
1001196806.....926
1001196876J.....23
1001197090.....661
1001197093.....663
1001197130.....361, 373
1001197135.....23
1001197139.....621, 625
1001197259.....607
1001197266.....23
1001197275.....55
1001197360.....47
1001197430.....313
1001197479.....115, 117
1001197598.....219
1001197638.....321
1001197639.....849

1001197641 321
1001197653 321
1001197654 321
1001197719 834
1001197821 ..... 255, 257, 277
1001197945 155
1001198331 ..... 669, 671
1001198355 239
1001198836 ..... 75, 945
1001198924 605
1001198932 ..... 849, 945
1001198958 605
1001199380 948
1001199381 948
1001199382 948
1001199403 289
1001199670 329
1001199935 ..... 891, 895
1001200218 ..... 679, 681
1001200538 885
1001200539 889
1001200633 ..... 675, 945
1001200688 761
1001200694 591
1001200815 ..... 693, 721
1001200908 327
1001200968 583
1001201027 ..... 469, 533
1001201070 779
1001201161 471
1001201162 ..... 471, 915
1001201205 683
1001201207 593
1001201245 ..... 669, 715
1001201296 349
1001201331 521
1001201336 563
1001201338 568
1001201340 ..... 471, 793
1001201499 627
1001201500 629
1001201501 ..... 627, 629
1001201504J 29, 31
1001201520 ..... 471, 521
1001201766 281
1001201805J 23
1001201811 ..... 281, 283
1001201823 ..... 281, 283
1001201869 926
1001201885 913
1001201929 281
1001201930 281
1001201933 281
1001201943 699
1001201951 ..... 631, 944
1001202086 469
1001202120 309
1001202135 705
1001202177 685
1001202249 319
1001202286 909
1001202288 907
1001202293 903
1001202328 319
1001202329 319
1001202376 319
1001202395 909
1001202421 ..... 809, 945
1001202430 809
1001202445 319
1001202454 791
1001202473 ..... 341, 345
1001202474 ..... 341, 345
1001202476 341
1001202477 ..... 341, 345
1001202478 ..... 341, 345
1001202480 ..... 341, 345
1001202519 915
1001202617 915
1001202643 339
1001202653 319
1001202654 319
1001202772 349
1001202921 ..... 341, 345, 349
1001202922 289
1001203005 ..... 343, 349
1001203009 317
1001203012 339
1001203014 319
1001203015 ..... 817, 819
1001203025 289
1001203027 317
1001203028 317
1001203039 319
1001203173 319
1001203178 289
1001203291 43
1001203374 37
1001203386 33
1001203402 39
1001203406 35
1001203408J 39
1001203410 35
1001203503 239
1001203640 ..... 885, 889
1001203825 355
1001203826 355
1001203882 ..... 817, 819
1001203922 ..... 669, 671
1001204060 889
1001204066 479
1001204115 479
1001204120 479
1001204128 123
1001204129 125
1001204130 127
1001204131 129
1001204132 131
1001204133 133
1001204134 135
1001204301 347
1001204302 347
1001204373 347
1001204374 75
1001204375 75
1001204420 ..... 661, 663, 723
1001204421 ..... 661, 663
1001204427 ..... 661, 663
1001204428 ..... 661, 663
1001204437 ..... 661, 663
1001204518 75
1001204528 885
1001204530 885
1001204535 113
1001204709 611
1001204731 675
1001204841 ..... 277, 279
1001204842 279
1001205041 ..... 277, 279
1001205061 ..... 621, 627
1001205080 ..... 25, 27
1001205172 ..... 826, 841, 944
1001205514 553
1001205532 ..... 477, 479
1001205551 317
1001205648 545
1001205782 553
1001206120 273
1001206173 121
1001206557 75
1001206558 75
1001206669 247
1001206671 241
1001207486 335
1001207522 677
1001207523 677
1001207525 695
1001207594 ..... 891, 893
1001207963 591
1001208035 671
1001208037 ..... 757, 759
1001208308 504
1001208518 ..... 471, 867
1001209097 ..... 823, 839
1001209463 603
1001209899 495
1001210022 ..... 281, 283
1001210417 387
1001210431 387
1001210432 387
1001210628 ..... 471, 523
1001210961 879
1001210962 879
1001211357 805
1001211452 671
1001211556 265
1001211693 770
1001211897 233
1001211907 504
1001212011 489
1001212047 609
1001212048 613
1001212049 609
1001212050 613
1001212369 499
1001212468 511
1001212590 443
1001212591 445
1001212598 449
1001212599 451
1001212906 297
1001212948 317
1001212949 317
1001212956 ..... 341, 345
1001213006 275
1001213031 677
1001213331 479
1001213471 791
1001213748 723
1001213752 893
1001213771 ..... 661, 663
1001213772 ..... 661, 663
1001213791 477
1001213829 663
1001213871 661
1001213883 665
1001213925 665
1001213988 770
1001214036J 41
1001214092 499
1001214280 ..... 651, 653, 945
1001214281 770
1001214297 111
1001214312 111
1001214399 663
1001214401 893
1001214492 41
1001214572 77
1001214686 775
1001214687 775
1001215022 321
1001215023 321
1001215024 321
1001215319 333
1001215531 479
1001215804 523
1001215988 163
1001215990 169
1001215992 173
1001215994 177
1001215996 181
1001216001 159
1001216003 231
1001216163 ..... 661, 663
1001216232 ..... 661, 663
1001216237 665
1001216275 665
1001216276 665
1001216277 665
1001216278 665
1001216279 665
1001216280 665
1001216312 ..... 91, 665
1001216813 297
1001216854 ..... 277, 279
1001216855 ..... 277, 279
1001216867 327
1001216923J 29, 31
1001216974 ..... 537, 545, 553
1001217179 757
1001217333 317
1001217550 19
1001217623 761
1001218542 ..... 563, 568
1001218659 926
1001218856 ..... 471, 519
1001218996 ..... 563, 568
1001219076 504
1001219182 ..... 391, 393
1001219212 926
1001219220 495
1001219810 313

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001219857.....453
1001219865.....591
1001220540.....467
1001220639.....697, 737
1001221020.....695
1001221027.....695
1001221057.....577
1001221058.....577
1001221059.....563, 568
1001221242.....91, 101
1001221249.....101
1001221255.....633
1001221257.....101
1001221259.....568
1001221293.....101
1001221295.....563
1001221318.....893
1001221319.....893
1001221577.....95
1001221659.....669, 671
1001221660.....669
1001221665.....669, 671
1001221952.....673
1001221953.....673
1001222187.....281, 283
1001222188.....49
1001222190.....49
1001222573.....287, 313
1001222603.....649, 944
1001222741.....479
1001223265.....591
1001223453.....926
1001223455.....777
1001223968.....867
1001224143.....699
1001224144.....699
1001224447.....699
1001224476.....701
1001225177.....475
1001225213.....281
1001225382.....875
1001225386.....875
1001225414.....899
1001225423.....701
1001225430.....265
1001225432.....263, 265
1001225619.....87
1001225658.....875
1001226096.....321
1001226101.....661, 663
1001226481.....809
1001226722.....75, 733
1001226776.....661, 663
1001226777.....661, 663
1001226778.....661, 663
1001226779.....661, 663
1001227090.....353
1001227186.....475
1001227187.....485
1001227188.....485
1001227229.....95
1001227287.....926
1001227357.....497
1001227653.....387
1001227802.....477
1001227974.....699
1001228929.....289
1001228930..... 289
1001228931..... 289
1001228989..... 879, 885, 889
1001229063..... 289
1001229068..... 289
1001229087..... 641
1001229093..... 319
1001229223..... 669, 671
1001229314..... 671
1001229319..... 475
1001229534..... 471, 641
1001229543..... 477
1001229562..... 671
1001229640..... 671
1001229707..... 937
1001230163..... 489
1001230194..... 675, 743
1001230411..... 327
1001230435..... 471, 497
1001230622..... 759
1001231388..... 297
1001231389..... 297
1001231390..... 297
1001231397..... 775
1001231398..... 913
1001231399..... 775
1001231400..... 775, 913
1001231404..... 775, 913
1001231406..... 913
1001231731..... 301
1001231732..... 303
1001231750..... 303
1001231801..... 926
1001232651..... 675
1001233174..... 905
1001233217..... 905
1001233434..... 905
1001235451..... 675
1001236402..... 651
1001236403..... 926
1001236404..... 649
1001236622..... 776
1001237054..... 677
1001238460..... 57
1001238470..... 341, 345
1001238560..... 149, 239
1001238565..... 145, 147, 149
1001238566..... 239
1001238570..... 239
1001238653..... 145
1001238655..... 147
1001239878..... 335
1001239879..... 335
1001241308..... 481
1001241674..... 57, 59, 61, 67, 71
1001241883..... 689, 735
1001241950..... 649
1001242098..... 661, 663, 944
1001242219..... 95
1001242650..... 869
1001243343..... 583
1001243433..... 455, 457
1001243434..... 457
1001243435..... 455, 459
1001243436..... 459
1001244192..... 885, 889
1001244193..... 885, 889
1001244593..... 869
1001244594..... 869
1001247646..... 926
1001247708..... 671
1001247948..... 840
1001247955..... 840
1001247969..... 840
1001248161..... 455
1001248416..... 869
1001248760..... 461, 463
1001248891..... 851, 857
1001248892..... 861
1001248893..... 851
1001248899..... 869
1001248901..... 869
1001248902..... 869
1001250416..... 455, 461
1001250417..... 455, 463
1001250420..... 463
1001250421..... 461
1001254357..... 341, 345
1001256274..... 281
1001256277..... 281, 331
1001256278..... 281, 335
1001256335..... 103
1001256336..... 103, 105
1001256337..... 103, 107
1001256338..... 103, 109
1001256360..... 359
1001256366..... 359, 361
1001256367..... 359, 373
1001256369..... 869
1001256381..... 341, 345
1001256382..... 341, 345
1001256383..... 341, 345
1001256384..... 341, 345
1001256410..... 329
1001256433..... 19
1001256434..... 19
1001256508..... 929
1001256563..... 281, 329
1001256609..... 658
1001256644..... 277
1001256834..... 817, 822
1001257002..... 933
1001257142..... 255, 257, 259, 297
1001257263..... 223
1001257265..... 225
1001257317..... 221
1001257318..... 229
1001257327..... 227
1001257330..... 641, 643
1001257348..... 651, 946
1001257413..... 25
1001257414..... 21, 25
1001257415..... 21
1001257425..... 891
1001257426..... 891, 897
1001258244..... 561
1001258245..... 561
1001258342..... 583
1001259144..... 199
1001259146.....203
1001260972.....343
1001260974.....345
1001261091.....695
1001261092.....695
1001262322.....945
1001263039.....671, 739
1001263830.....297
1001264727.....948
1001264844.....776
1001264861.....776
1001264873.....948
1001264874.....948
1001264916.....948
1001264918.....948
1001264921.....948
1001264937.....948
1001264976.....795
1001265061.....319
1001265218.....217
1001265291.....948
1001265358.....770, 787
1001265375.....903
1001265395.....79
1001265815.....697
1001266488.....551
1001266775.....91, 715
1001267963.....687, 717
1001267977.....711, 713
1001268341.....948
1001268744.....551, 913
1001268828.....563, 565
1001268829.....795
1001268830.....795, 865
1001268832.....568, 577
1001268846.....591
1001268851.....851, 853
1001268889.....277, 289, 319, 343, 349
1001269021.....658, 697
1001269248.....621
1001269407.....658, 695
1001269410.....675
1001269411.....695
1001269555.....565, 577
1001269556.....565, 577
1001269558.....565, 577
1001269559.....565, 577
1001269560.....565, 577
1001269561.....565, 577
1001269563.....565, 577
1001269564.....565, 577
1001269578.....577, 945
1001269579.....577
1001269627.....79
1001269628.....79
1001269720.....675
1001269721.....675
1001269722.....675
1001269723.....675
1001269724.....675
1001270117.....531
1001270167.....361, 368
1001270170.....373, 381
1001270180.....770
1001270466.....770, 945
1001270467.....811, 944

1001270468 ..... 811, 944
1001270597 665
1001270857 ..... 669, 671
1001270976 ..... 563, 568
1001271129 ..... 669, 671
1001271338 ..... 25, 27
1001271363 ..... 471, 770
1001271803 ..... 793, 795
1001272882 ..... 939, 941
1001273004 939
1001273005 939
1001273635 879
1001273847 ..... 25, 27
1001274533 865
1001274534 865
1001274535 865
1001274536 865
1001274537 865
1001274538 865
1001274539 865
1001274540 865
1001274541 865
1001274543 865
1001274544 865
1001274553 865
1001274892 948
1001274913 ..... 687, 709
1001275933 561
1001276695 ..... 91, 719
1001276755 929
1001276756 929
1001277383 687
1001278028 767
1001278598 201
1001278600 205
1001279166 931
1001280471 ..... 537, 539
1001280661 797
1001281613 ..... 545, 549
1001282197 665
1001282247 665
1001283175 511
1001283711 ..... 817, 819
1001284540 ..... 257, 265
1001284544 ..... 343, 349
1001284581 ..... 343, 349
1001285715 ..... 789, 791
1001286009 ..... 257, 259, 271, 843
1001286598 ..... 271, 843
1001286599 797
1001286941 ..... 797, 799
1001288070 ..... 551, 553, 555
1001288098 551
1001288376 283
1001288630 931
1001288631 931
1001288632 931
1001288633 931
1001288634 931
1001288635 931
1001288945 ..... 259, 269
1001289060 797
1001289105 895
1001289296 895
1001289299 797
1001289300 797
1001289301 797
1001289479 905
1001289562 333
1001289563 ..... 331, 333
1001289647 797
1001289648 797
1001289949 797
1001290109 165
1001290111 171
1001290113 175
1001290115 179
1001290122 183
1001290440 189
1001290441 187
1001290442 185
1001290666 899
1001291056 797
1001291182 ..... 915, 917
1001291402 948
1001292201 ..... 819, 839
1001292995 245
1001292996 251
1001293066 265
1001293131 ..... 259, 819
1001293558 948
1001293727 675
1001293903 ..... 839, 841
1001294205 341
1001294206 345
1001294608 905
1001294690 819
1001294815 937
1001296155 941
1001296156 941
1001298301 283
1001299940 905
1001300078 905
1001301486 ..... 770, 775
1001302410 905
1001310831 677
1060379 149
1062255 ... 277, 279, 289, 317, 319, 335, 347, 355, 661, 663, 669, 671, 675, 679, 681, 695, 699, 817, 819
10732931 735
10837926 735
10837928 735
10837929 735
10837937 735
1170002 213
120034 770
1320239 289
1670836 667
1671326 583
1701500 926
1701509 149
1702773 ..... 145, 147
1704277 149
1704885 ..... 145, 147
1706296 926
1706299 926
1706300 926
1706301 926
1706302 ..... 239, 926
1706306 926
1706768 926
1706850 926
1706892 145
1707078 926
1784861 113
2080040 149
2080078 493
2080086 475
2080087 475
2080092 ..... 29, 31, 527
2110406 ..... 675, 679, 681
2110410 ..... 679, 681
2110604 723
2110606 ..... 675, 689
2110608 313
2110610 ..... 75, 693
2110806 ..... 75, 689
2110808 ..... 665, 667, 675, 701, 703
2110810 ..... 327, 671, 675, 679, 681, 683
2110812 675
2111010 ..... 661, 665, 689, 693
2111012 723
2111612 689
2111616 ..... 319, 697
2112016 319
2130404 641
2130604 ..... 75, 693
2130606 ..... 313, 689, 697
2130608 313
2130610 339
2130808 641
2130810 ..... 287, 327
2131010 ..... 327, 669
2131012 ..... 665, 671
2131212 ..... 319, 669, 671
2132016 689
2144602 675
2144605 673
2144606 ..... 293, 295
2150404 697
2150606 ..... 75, 697
2150808 703
2150810 327
2151012 75
2151210 ..... 391, 393
2160016 ..... 91, 95, 105, 107, 115, 117, 387
2160018 93
2170116 319
2170208 641
2170212 319
2170406 75
2170706 ..... 675, 693
2170708 675
2170908 665
2171008 665
2171110 663
2171208 701
2171310 663
2171832 705
2172104 675
2172106 ..... 75, 289
2172208 685
2220221 689
2220239 53
2220240 53
2220881 737
2220883 719
2220885 713
2220886 737
2221257 349
2400600 ..... 368, 381
2401043 ..... 369, 382
2401258 ..... 369, 382
2401736 369
24921332 ..... 281, 283
2600281 149
2902440 ..... 137, 139
2902441 ..... 141, 143
2902443 ..... 824, 832, 840
2903197 370
2920206 ..... 877, 883, 887
2940074 ..... 149, 945
2960243 ..... 369, 382
3020040 91
31010978 269
31020305 269
31020740 269
31022030 269
31022047 269
31023448 269
31200160 145
31200386 147
314689 91
3290305 869
3290401 ... 511, 793, 797, 871, 903, 905
3290405 ..... 481, 767
3290501 ... 770, 817, 819, 907, 909, 919, 939, 941
3290505 .... 347, 817, 819
3290601 ... 111, 239, 309, 313, 511, 568, 595, 621, 767, 770, 869, 883, 887, 901
3290605 29, 31, 281, 353, 457, 459, 461, 463, 504, 511, 517, 767
3290801 ... 309, 319, 477, 617
3290805 25, 27, 281, 289, 293, 295, 347, 391, 393, 625, 645, 679, 817, 819
3290806 493
3291001 25, 27, 275, 297, 319, 341, 343, 345, 349, 353, 635, 675, 869
3291005 .... 213, 353, 605
3291007 283
3291201 317
3291205 ..... 91, 107, 115, 117
3291605 .... 105, 109, 261
3300220 815
3300240 .... 197, 201, 205
3300449 797
3300479 359
3311405 149
3311502 239

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

3321001.....815
3332011.....361, 467
3391408.....631
3391410.....239
3421453.....149
3423242.....201
3423275.....197
3423276.....205
3520028.....633
3520072.....149
3520198.....149
3740080.....913
3760170.....149
3760348.....621
3790013.....675
3820020.....149
3900224.....23
3900349.....811
3900357....271, 273, 817, 819, 843
3900379.29, 31, 599, 601
3900381.....817, 819
3968141.....368, 381
3983720.....369, 382
3983731.....369, 382
3984425.....370, 382
3986405.....369
3986610.....547
3986643.....547
4000015.....945
4010310.....869
4010508002.....504
4010510.....649
4010608.....767
4010608002.....477, 504, 591, 593, 595, 603
4010610002.....504, 595, 633
4010612002.....485, 504, 511, 515, 517
4031504.....101
4031607.....49, 53, 651
4031608.....509, 811
4031608001.....504
4031612.....919
4031708001.....581, 583
4031709.....701
4031907.....797
4031908.....669, 671
4031910....587, 589, 669, 671, 703
4031918....661, 679, 681, 683
4031927.....287
4032010.....339
4032017.....723
4032109.....195
4109801.....926
4110422.....247
4240127.....277, 279
4360658.....629, 945
4360669.....77
443630.....113
4460225.....775
4460234.....347
4460247.....822, 833, 839
4460256.....823
4460265..... 775
4460267..... 775
4460268..... 775
4460343..... 775
4460434..... 775
4460458... 776, 824, 840, 881
4460464... 776, 779, 803, 823, 832, 839, 847, 853, 857, 861, 881, 911, 913, 917
4460465... 775, 776, 777, 779, 787, 799, 807, 822, 823, 824, 825, 831, 832, 833, 839, 840, 853, 854, 857, 858, 861, 862, 917
4460466... 787, 799, 822, 823, 824, 825, 831, 832, 833, 834, 841, 853, 854, 857, 858, 861, 862, 875, 881, 917
4460496..... 770
4460497..... 770
4460508... 823, 832, 839, 845
4460509... 822, 833, 839, 853, 861
4460536.... 847, 875, 913
4460539... 776, 779, 822, 823, 824, 831, 832, 839, 840, 854, 857, 862
4460608..... 823, 839
4460742..... 853
4460744..... 776
4460746..... 776
4460748..... 824
4460789..... 803, 824
4460836.... 777, 853, 861
4460884... 776, 777, 779, 858, 917
4460891... 765, 776, 779, 822, 823, 825, 831, 833, 839, 853, 854, 857, 861, 862
4460892..... 825, 841
4460894... 775, 776, 807, 823, 839, 853, 854, 857, 861, 862
4460897... 776, 787, 807, 825, 834, 841, 873
4460899.... 803, 875, 921
4460911.... 853, 857, 861
4460929..... 787
4460930.... 776, 779, 799
4460931..... 857
4460932.... 765, 881, 911
4460933... 776, 777, 823, 833, 839, 853, 854, 857, 861, 862
4460941... 787, 803, 873, 921
4460942... 777, 787, 825, 832, 839, 853, 854, 857, 861, 862
4460943.... 779, 787, 807
4460944... 775, 776, 779, 822, 823, 824, 825, 831, 832, 839, 853, 854, 862
4460945... 779, 825, 834, 841
4460950.... 823, 832, 839
4460970... 823, 832, 839, 853, 857, 861
4460984..... 779
4460994..... 778, 779
4461006... 822, 824, 834, 839
4461008..... 824, 875
4461015.... 787, 854, 862
4461017..... 845
4461018.... 822, 833, 839
4461054... 824, 831, 840, 858
4461070.... 779, 825, 841
4461071.... 824, 832, 840
4461072..... 832
4461073..... 832
4461074..... 832
4461095.... 779, 822, 839
4461115..... 776, 881
4461118... 776, 803, 834, 853, 857, 858, 861
4461170..... 919
4461174..... 519
4461262.... 777, 779, 857
4641237..... 697
4711400..... 149, 797
471678..... 335, 533
4740428..... 797
4740532..... 691
4740572..... 309, 327
4761000..... 815
4807718..... 493
4811400... 511, 629, 767, 793, 797, 903, 905
4811600... 337, 504, 817, 819, 907, 909, 919, 939, 941
4811602001..... 504
4811700... 29, 31, 75, 81, 83, 101, 111, 239, 271, 273, 281, 305, 309, 317, 323, 327, 329, 347, 353, 475, 477, 511, 533, 568, 581, 583, 593, 595, 603, 621, 627, 633, 770, 843, 869, 883, 885, 887, 889, 893, 901
4811700001..... 504, 591
4811702..... 23, 309, 313, 457, 459, 461, 463, 527, 595, 621, 627, 641, 811, 851
4811702001..... 477, 485, 504, 649
4811900... 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 47, 51, 53, 75, 79, 105, 107, 115, 117, 271, 273, 281, 283, 289, 293, 295, 309, 317, 319, 327, 329, 331, 335, 339, 341, 345, 347, 391, 393, 477, 479, 497, 499, 537, 545, 551, 553, 568, 585, 587, 589, 597, 617, 621, 641, 645, 665, 669, 671, 675, 677, 695, 701, 797, 811, 817, 819, 843, 851, 883, 895, 903, 905, 909
4811902..29, 31, 95, 309, 319, 323, 457, 459, 461, 463, 563, 568, 595, 597, 675, 817, 819
4812000....23, 25, 27, 29, 31, 47, 51, 75, 79, 87, 275, 277, 279, 281, 283, 289, 293, 295, 297, 313, 317, 327, 335, 339, 341, 343, 345, 347, 349, 353, 355, 391, 393, 605, 631, 635, 641, 661, 663, 673, 675, 689, 699, 767, 817, 819, 851, 869, 875, 879, 903, 905, 939, 941
4812002....281, 283, 287, 289, 297, 313, 319, 705, 723, 757, 759
4812100 23, 47, 107, 261, 281, 283, 289, 317, 385, 817, 819
4812102.....113
4812200.....899
4812300....59, 61, 67, 71, 75, 105, 261
4812500.....467
4831400....511, 793, 797, 871
4831600.....53, 811
4831700.....335, 595
4831900.....91, 563, 568, 679
5201215.....705
5220600.....887, 889
5220800.....757, 759
5240600.....811
5240800.....287, 313, 685
5241000.....353
5241600.....57
5242400.....239
5250608.....573
5251010.....23
5260800.....287, 313
5271609.....907, 909
5271808.....671
5271814.....669
5271922.....671
5272011.....895
5272022.....697
70002216.....715
70002386.....737, 944
70002410.....709

70002971 ..... 731, 944
70003788 ..... 731, 944
70003819 715
70004280 ..... 263, 266
70004505 265
70004506 265
70004507 265
70004508 265
70004509 265
70004510 265
70004511 944
70005191 263
70005492 265
70005497 265
70005504 263
70005505 263
70005507 263
70005515 263
70005522 265
70005524 265
70005549 266
70005550 266
70005556 ..... 263, 265
70005559 263
70005793 709
70005941 266
70007083 265
70007334 715
70007604 739
70008422 265
70008425 265
70008426 265
70008430 265
70008431 265
70011901 263
70020173 ..... 369, 382
70020421 243
70020422 243
70020506 .. 207, 209, 211
70020507 .. 207, 209, 211
70020508 .. 207, 209, 211
70020555 237
70020724 151
70020725 151
70020726 151
70020728 ..... 151, 152
70020730 . 207, 209, 211, 215
70020731 . 207, 209, 211, 215
70020764 .. 727, 729, 944
70020867 741
70021140 381
70021238 .. 207, 209, 211
70021239 .. 207, 209, 211
70021240 .. 207, 209, 211
70021241 . 207, 209, 211, 215
70021242 . 152, 153, 207, 209, 211
70021243 .. 207, 209, 211
70021244 .. 207, 209, 211
70021245 .. 207, 209, 211
70021246 .. 207, 209, 211
70021247 .. 207, 209, 211
70021248 ..... 207, 209
70021314 ..... 539, 541
70021316 ..... 539, 541
70021317 539
70021318 539
70021319 ..... 539, 543
70021320 539
70021321 ..... 539, 543
70021322 539
70021323 ..... 539, 543
70021324 ..... 539, 543
70021325 ..... 539, 543
70021326 ..... 539, 543
70021327 ..... 539, 543
70021328 ..... 539, 543
70021329 539
70021330 ..... 539, 543
70021342 247
70021349 ..... 241, 247
70021387 ..... 241, 247
70021415 ..... 241, 247
70021504 ..... 199, 203
70021531 ..... 727, 729
70021558 213
70021559 213
70021560 213
70021561 213
70021562 213
70021563 213
70021613 ..... 370, 383
70021835 215
70021836 215
70021838 215
70021839 215
70021840 215
70021841 215
70021842 215
70021843 215
70021921 ..... 241, 247
70021935 ..... 241, 247
70021977 247
70021978 ..... 241, 247
70021979 ..... 241, 247
70022010 735
70022028 ..... 241, 247
70022527 247
70022528 ..... 241, 247
70022529 ..... 241, 247
70022563 719
70022564 719
70022697 .. 207, 209, 211
70022765 ..... 867, 945
70022821 ..... 63, 69
70022822 63
70022823 ..... 63, 69
70022824 63
70022825 63
70022826 69
70022906 215
70022907 215
70022912 215
70022922 215
70022923 215
70022924 215
70022925 215
70022927 ..... 151, 215
70022928 215
70022929 215
70022930 215
70023179 547
70023181 547
70023182 547
70023184 547
70023186 547
70023189 547
70023276 215
70023277 215
70023278 215
70023369 709
70023370 709
70023371 709
70023372 719
70023380 719
70023484 157
70024059 ..... 241, 247
70024107 ..... 547, 945
70024168 948
70024186 721
70024189 721
70024201 735
70024306 235
70024307 235
70024436 ..... 151, 152
70024437 151
70024438 151
70024439 151
70024440 151
70024441 151
70024442 151
70024443 151
70024444 151
70024445 151
70024446 151
70024447 151
70024448 151
70024449 151
70024450 151
70024452 151
70024453 151
70024454 151
70024455 ..... 151, 944
70024456 151
70024459 547
70024475 266
70024480 263
70024481 266
70024483 266
70024485 ..... 263, 265
70024494 263
70024495 ..... 263, 266
70024504 ..... 263, 265
70024505 ..... 263, 265
70024507 265
70024509 263
70024513 265
70024522 ..... 368, 381
70024634 405
70024635 427
70024639 405
70024641 ..... 429, 437
70024642 405
70024644 405
70024645 405
70024646 ..... 429, 437
70024847 735
70024856 547
70024857 547
70024858 547
70024859 ..... 547, 944
70024861 547
70024881 382
70024918 263
70024920 ..... 263, 265
70024965 ..... 266, 339
70025140 265
70025144 265
70025145 265
70025152 265
70025153 ..... 263, 944
70025205 263
70025235 266
70025239 265
70025360 425
70025361 425
70025362 425
70025363 425
70025364 425
70025365 425
70025366 425
70025367 425
70025368 425
70025369 425
70025370 425
70025371 425
70025372 425
70025373 425
70025374 425
70025375 425
70025376 425
70025377 425
70025378 425
70025379 425
70025380 425
70025382 .. 401, 403, 425
70025383 ..... 401, 403
70025387 421
70025388 421
70025389 421
70025390 421
70025391 421
70025392 ..... 401, 403
70025393 ..... 401, 403
70025394 425
70025397 ..... 401, 403
70025398 ..... 401, 403
70025400 409
70025401 ..... 409, 413
70025402 411
70025403 411
70025404 411
70025406 411
70025407 ..... 411, 417
70025408 ..... 411, 425
70025409 411
70025410 411
70025411 411
70025412 411
70025413 411
70025414 411
70025415 411
70025416 411
70025417 411
70025418 411

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

70025419.....411
70025420.....411
70025421.....423
70025423.....413
70025424...409, 411, 413
70025425.....413
70025426.....413
70025427.....417
70025428.....417
70025429...409, 411, 413
70025430.....423, 439
70025431.....413
70025432...409, 411, 413
70025433...409, 411, 413
70025435.....411, 413
70025436.....411, 413
70025437...409, 411, 413
70025438...409, 411, 413
70025439...409, 411, 413
70025440...409, 411, 413
70025441.....413
70025442.....411, 413
70025443.....423
70025444.....423
70025445.....409
70025446.....409
70025447.....409, 411
70025448.....409, 411
70025449.....409
70025450.....411
70025451.....407
70025452.....415
70025453.....399
70025455.....433, 435
70025456...433, 435, 944
70025457.....433, 435
70025459.....415
70025460.....425
70025461.....425
70025462.....425
70025463.....415
70025464.....415
70025465.....425
70025466.....433, 435
70025467.....425, 437
70025468.....425
70025469.....407, 431
70025470.....407
70025471.....437
70025472.....425
70025476.....423
70025493.....405, 411
70025494...423, 427, 429
70025495.....427, 437
70025496...405, 413, 417
70025497..423, 425, 427, 429
70025498..405, 409, 411, 413
70025499.....423, 429
70025500.....423, 429
70025501.....423, 429
70025502.....423, 429
70025503.....405
70025504..405, 411, 413, 425
70025505.....425
70025506..... 427, 429
70025508..... 409, 425
70025509..... 423, 425
70025510..... 401, 403
70025511..... 399
70025512..... 399
70025513..... 425
70025514..... 399, 403
70025515..... 423
70025516..... 423
70025517..... 423
70025518..... 423
70025520..... 407, 425
70025522..... 415
70025523..... 425
70025524 . 399, 401, 403, 439
70025525 . 399, 401, 403, 439
70025526..... 399, 419
70025527..... 399
70025528..... 399
70025529..... 399, 439
70025535..... 263, 265
70025539..... 541, 945
70025555..... 368, 381
70025556..... 368, 381
70025562 . 368, 369, 381, 382
70025567..... 369, 382
70025569..... 381
70025570..... 381
70025602..... 717
70025613..... 717
70025614..... 717
70025644..... 311
70025707..... 266
70025737..... 266
70025743..... 266
70025755..... 266
70025775..... 266
70025780..... 265
70025816..... 619
70025817..... 619
70025819..... 369, 382
70025821..... 370, 382
70025822..... 370, 382
70025823..... 370, 382
70025850..... 299, 944
70025851..... 299, 944
70025859..... 623
70025860..... 623
70025884..... 383
70025961..... 715
70026011..... 263
70026018..... 215
70026210..... 263, 265
70026292..... 781, 945
70026293..... 783, 945
70026294..... 813, 945
70026295..... 813, 945
70026296..... 813, 945
70026297..... 813, 944
70026308..... 719
70026313..... 737
70026368..... 735
70026370..... 735
70026371..... 735
70026372..... 735
70026373..... 735
70026374..... 735
70026375..... 735
70026376..... 735
70026377..... 735
70026379..... 735
70026382..... 735
70026395..... 299
70026396..... 299
70026537..... 623
70026543..... 719
70026582..... 741, 944
70026630..... 383
70026631..... 368, 381
70026698..... 241, 247
70026702..... 241
70026719..... 351
70026720..... 351
70026721..... 351
70026722..... 351
70026723..... 351
70026724..... 351
70026725..... 351
70026726..... 351
70026749..... 368, 381
70026777..... 735
70026808..... 945
70026819..... 370, 383
70026820..... 370, 383
70026821..... 369, 382
70026827..... 369, 382
70026965..... 733
70026966..... 733
70026967..... 733, 944
70026968..... 733
70026969..... 733
70026970..... 733
70026971..... 733
70026972..... 733
70026973..... 733
70026975..... 733
70026976..... 733
70026997..... 325
70027000..... 737
70027001..... 737
70027002..... 737
70027004..... 731
70027008..... 291
70027009..... 241, 247
70027037..... 315
70027107..... 368, 381
70027108..... 381
70027114..... 369, 382
70027128..... 735
70027129..... 735
70027130..... 735
70027131..... 735
70027132..... 735
70027133..... 735
70027134..... 735
70027135..... 735
70027136..... 735
70027141..... 735
70027174..... 65
70027175..... 65
70027176.....73
70027177.....73
70027178.....73
70027180.....219
70027199.....311
70027200.....311
70027201.....311
70027202.....311
70027203.....311
70027204.....311
70027225.....719
70027267.....725
70027268.....725
70027269.....725, 944
70027270.....725
70027271.....725
70027291.....167, 213
70027293.....159, 231
70027294.....159, 231
70027295.....231
70027296.....159, 231
70027297.....159, 231
70027298.....159, 231
70027302.....159, 231
70027315.....369, 382
70027316.....383
70027317.....370, 382
70027318.....370
70027319.....370
70027320.....369, 382
70027324.....231
70027325.....159
70027326.....159
70027328...409, 413, 437
70027331.....399
70027332.....419
70027337.....437, 439
70027338.....437, 439
70027339...411, 437, 439
70027340.....425
70027341.....399
70027344.....411, 413
70027345.....401, 403
70027346.....425
70027347.....415
70027348.....409
70027349.....413
70027350.....423
70027352.....433, 435
70027353.....433, 435
70027354.....437
70027358.....411
70027359.....411
70027361.....433
70027362.....407, 433
70027363.....407, 435
70027364.....411
70027365.....411
70027366.....439
70027368.....405
70027369.....405
70027370.....405
70027371.....405
70027373.....405, 427
70027374.....429
70027375.....405, 429
70027376.....405, 425

70027382 401
70027383 403
70027387 .. 407, 427, 429
70027388 425
70027389 ..... 433, 435
70027392 541
70027393 541
70027394 ..... 539, 541
70027395 539
70027399 539
70027403 ..... 263, 266
70027404 263
70027405 263
70027410 266
70027417 ..... 263, 944
70027431 266
70027468 266
70027595 721
70027596 729
70027600 ..... 669, 739
70027604 ..... 207, 209
70027605 ..... 207, 209
70027606 .. 207, 209, 211
70027607 .. 207, 209, 211
70027608 211
70027631 233
70027657 ..... 263, 266
70027658 211
70027660 431
70027661 419
70027663 . 399, 401, 403, 439
70027664 425
70027665 425
70027666 ..... 401, 403
70027667 ..... 401, 403
70027668 425
70027669 437
70027670 401
70027671 407
70027672 405
70027673 405
70027674 405
70027675 405
70027676 ..... 401, 403
70027677 ..... 433, 435
70027678 431
70027679 431
70027680 407
70027681 .. 409, 411, 413
70027682 401
70027707 ..... 399, 421
70027711 ..... 399, 423
70027714 ..... 399, 425
70027715 .. 395, 397, 413
70027716 .. 395, 397, 417
70027717 .. 395, 397, 409
70027718 .. 395, 397, 411
70027719 .. 395, 397, 415
70027720 .. 395, 397, 407
70027721 ..... 395, 401
70027723 .. 395, 397, 399
70027724 ..... 397, 403
70027725 .. 395, 397, 405
70027744 719
70027745 719
70027773 121
70027774 121
70027775 121
70027776 121
70027777 121
70027778 121
70027779 121
70027780 121
70027781 121
70027782 121
70027783 121
70027784 121
70027785 121
70027786 121
70027787 121
70027788 121
70027789 121
70027790 241
70027791 121
70027792 121
70027793 121
70027794 121
70027990 151
70027991 151
70027992 151
70027993 151
70027994 151
70027995 ..... 151, 152
70027996 151
70027997 ..... 151, 152
70027998 151
70027999 151
70028000 151
70028001 151
70028002 ..... 151, 152
70028003 151
70028004 151
70028005 151
70028006 ..... 151, 152
70028007 ..... 151, 152
70028008 151
70028009 152
70028010 152
70028011 152
70028012 152
70028013 152
70028014 152
70028015 152
70028016 152
70028017 152
70028018 152
70028019 152
70028020 152
70028021 152
70028022 152
70028023 152
70028024 152
70028025 152
70028026 152
70028027 152
70028028 ..... 152, 215
70028029 152
70028030 152
70028031 ..... 152, 215
70028032 152
70028033 152
70028034 152
70028035 152
70028036 152
70028037 152
70028038 152
70028039 152
70028040 152
70028041 152
70028042 152
70028043 152
70028044 152
70028045 152
70028046 152
70028047 152
70028087 152
70028326 547
70028384 709
70028392 ..... 369, 382
70028436 231
70028468 ..... 370, 383
70028471 ..... 368, 381
70028473 ..... 369, 382
70028474 ..... 369, 382
70028476 ..... 370, 383
70028477 ..... 370, 383
70028536 ..... 369, 382
70028537 ..... 369, 382
70028542 265
70028546 803
70028733 ..... 369, 382
70028764 266
70028868 743
70028869 743
70028870 ..... 743, 944
70028871 743
70028872 743
70028873 743
70028874 743
70028875 743
70028900 737
70028906 368
70028907 ..... 370, 383
70028908 ..... 370, 383
70028940 368
70028978 215
70028979 215
70028980 215
70029011 ..... 167, 213
70029012 213
70029013 213
70029030 735
70029386 266
70029399 265
70029820 735
70029869 ..... 368, 381
70029879 265
70029992 735
70029993 735
70029994 735
70029995 735
70030247 370
70030248 370
70030249 370
70030250 369
70030251 ..... 369, 382
70030264 ..... 369, 382
70030273 265
70030274 ..... 369, 382
70030282 203
70030283 199
70030365 ..... 369, 382
70030933 ..... 369, 382
70030943 739
70030944 739
70030945 739
70030946 739
70030947 739
70030948 739
70030953 709
70030954 709
70030955 709
70030956 709
70030957 709
70030958 709
70030992 ..... 368, 381
70030994 ..... 369, 382
70030997 717
70030998 717
70030999 717
70031000 ..... 370, 383
70031001 ..... 370, 383
70031002 ..... 370, 383
70031003 ..... 370, 383
70031016 715
70031017 715
70031018 715
70031019 715
70031020 715
70031021 715
70031031 . 163, 169, 173, 177
70031032 181
70031044 719
70031045 719
70031050 539
70031051 539
70031052 539
70031053 539
70031054 539
70031087 265
70031215 266
70031293 713
70031294 713
70031295 713
70031296 713
70031297 713
70031385 265
70031474 266
70031697 265
70031706 265
70031712 265
70031714 265
70050472 735
70050475 735
70050481 735
7012903 731
7012998 731
7016331 .... 263, 266, 944
7020208 266
7020404 266
7020442 ..... 263, 266
7020465 ..... 263, 266
7022391 731
7022730 429
7024947 721
7028038 370

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

7028039.....370
7028043.....381
7028082.....383
7028115.....369, 382
7028125.....157
7028126.....157
7028127.....157, 159, 231
7028128.....157
7028129.....157
7028130.....157
7028131.....157, 159, 161, 167, 231
7028132.....157
7028133.....157
7028134.....157
7028135.....157
7028136.....213
7028137.....213
7028621.....547
7028706.....368, 369, 381, 382
7028733.....382
7028910.....157, 161, 167
7028911.....161, 167
7028912.....161, 167
7028913.....161, 167
7028914.....161
7028915.....161, 167
7028916.....161, 167
7028917.....161, 167
7028918.....159, 161, 167, 231
7028919.....161, 167
7028920.....161, 167
7028923.....161, 167
7028982.....161, 167
7028983.....161, 167
7028984.....157, 161, 167
7028985.....161
7028986.....157, 159
7028987.....157
7028988.....157, 159
7028989.....157
7028990.....161, 167
7028991.....161, 167
7028995.....167
7029124.....157
7029131.....368, 381
7029344.....137, 141
7029345.....137, 139
7029346.....137, 139
7029347.....137, 139
7029348.....137, 139
7029349.....137, 139
7029350.....137, 139
7029351.....137, 139
7029352.....137, 139
7029353..... 137, 141
7029354..... 137, 141
7029355..... 137, 141
7029356.... 137, 141, 157
7029357..... 141
7029427..... 368, 381
7029428..... 368, 381
7029430..... 369, 382
7029432..... 369, 382
7029486... 581, 583, 661, 663, 935
7029520..... 237
7029521..... 237
7029692..... 247
7029749..... 157
7029786..... 370, 382
7300435..... 261
7301893..... 757, 759
77133140.. 679, 681, 701
77133168..... 701
77133177..... 679, 681
8000759..... 493
8000803..... 477
8002798..... 369
8004398..... 493
8004468..... 369, 381
8005079..... 385
8005827..... 441
8005870..... 926
8005901..... 583
8006605..... 369, 382
8007749..... 368
8007755..... 368
8007771..... 368, 381
8007785..... 369
8007786..... 370
8007802..... 370
8008168..... 369
8008169..... 370
8008175..... 370, 383
80204005..... 368, 381
80204065..... 369, 382
80204071..... 368, 381
80204117.. 369, 382, 383
80233218..... 699
80264002..... 539, 541
80264004..... 539, 541
80333151..... 695
8034697..... 735
80363179..... 832
80363195..... 497
8036580..... 731
80604016..... 833
80604017..... 807
80604018.. 765, 831, 833
80963067..... 824, 840
80983191 . 781, 783, 785, 944
8220043..... 845
8220050..... 865
8220051..... 779
8220097..... 824, 840
8220098..... 824, 840
8220108.... 777, 824, 839
8220114..... 853, 861
8220115..... 823, 840
8220124.... 823, 834, 839
8220375..... 779
8229234..... 779, 944
8229242... 781, 783, 825, 834, 841, 944
8229244... 785, 813, 825, 841, 944
8229245... 781, 813, 826, 841, 944
8229247... 783, 813, 826, 841, 944
8270147..... 757, 759
8270148..... 757, 759
8275212..... 281, 283
8305919 . 23, 29, 31, 504, 527, 595
8310410..... 797
8310559..... 489
8405006... 277, 279, 661, 663, 695
8405007..... 347
8405009..... 331, 621
8405104..... 317
8405201.... 317, 504, 507
8405202..... 317
8405301..... 705
8405402..... 305, 307
8405502..... 669, 671
8406201..... 669, 671
8406202..... 695
8406302... 317, 319, 347, 817, 819
8410009... 341, 343, 345, 349, 563, 568, 699
8410011..... 305, 307
8410013... 277, 279, 289, 341, 345
8420231..... 317
8430032..... 693
8430033..... 693
8466306..... 501
8584003..... 915
8760550..... 75
8769124..... 679, 681
8770143..... 75
8770167..... 677
88662434..... 673
8881800.....817, 819
90200003...197, 201, 205
90554016.....241, 247
90554019.....121
90554020...121, 241, 247
90554042...121, 241, 247
90554054...121, 241, 247
90554067.....121
90554070.....121
90554080.....237
91013191.....839, 857
91013192.....854, 862
91043147.....391, 393
91403193.....359
91474507..368, 369, 381, 382
91474512.....368, 381
91474516.....383
91474522.....370, 383
91474529.....368, 381
91474531.....368, 381
91474533.....368, 381
91474539.....368, 381
91474547.....368, 381
91474549.....368
91474550.....368, 381
91474551.....368, 381
91474553.....368, 381
91474554.....368
91474555.....368
91474568.....370, 382
91474579.....369, 382
91474580.....369, 382
91474584.....369, 382
91474585.....369, 382
91474591.....368, 381
91474593.....381
91474595.....381
91504107.....807
91514082.....368, 381
91514098.....368, 381
91514099.....369, 383
91514117.....369
91514134.....368, 381
91514146.....368, 381
91514147.....368, 381
91514148.....368, 381
91514154.....370, 382
91514188..368, 369, 381, 382
91514189.....369, 382
91554019.....831, 832
91554022.....832
AU2105.....926
TP_REF.....266



Corporate Office
JLG Industries, Inc.
1 JLG Drive
McConnellsburg, PA 17233-9533 USA

(717) 485-5161 (Corporate)
(833) 554-3276 (Customer Support)
farm@jlg.com (Customer Support)

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