Illustrated Parts Manual

Model 742

PVC
2405

P/N
3122310700
May 1, 2024 - Rev A

An Oshkosh Corporation Company

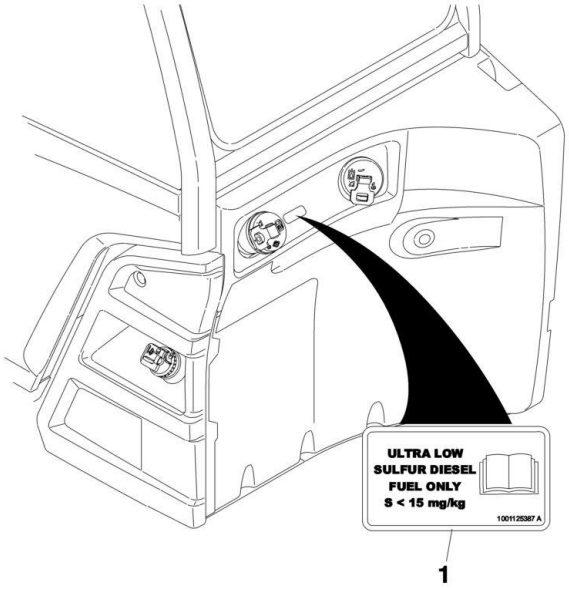
EFFECTIVITY PAGE

May 1, 2024 - A - Original Issue of Manual (Edited to B/M 1001226000 Revision BC)

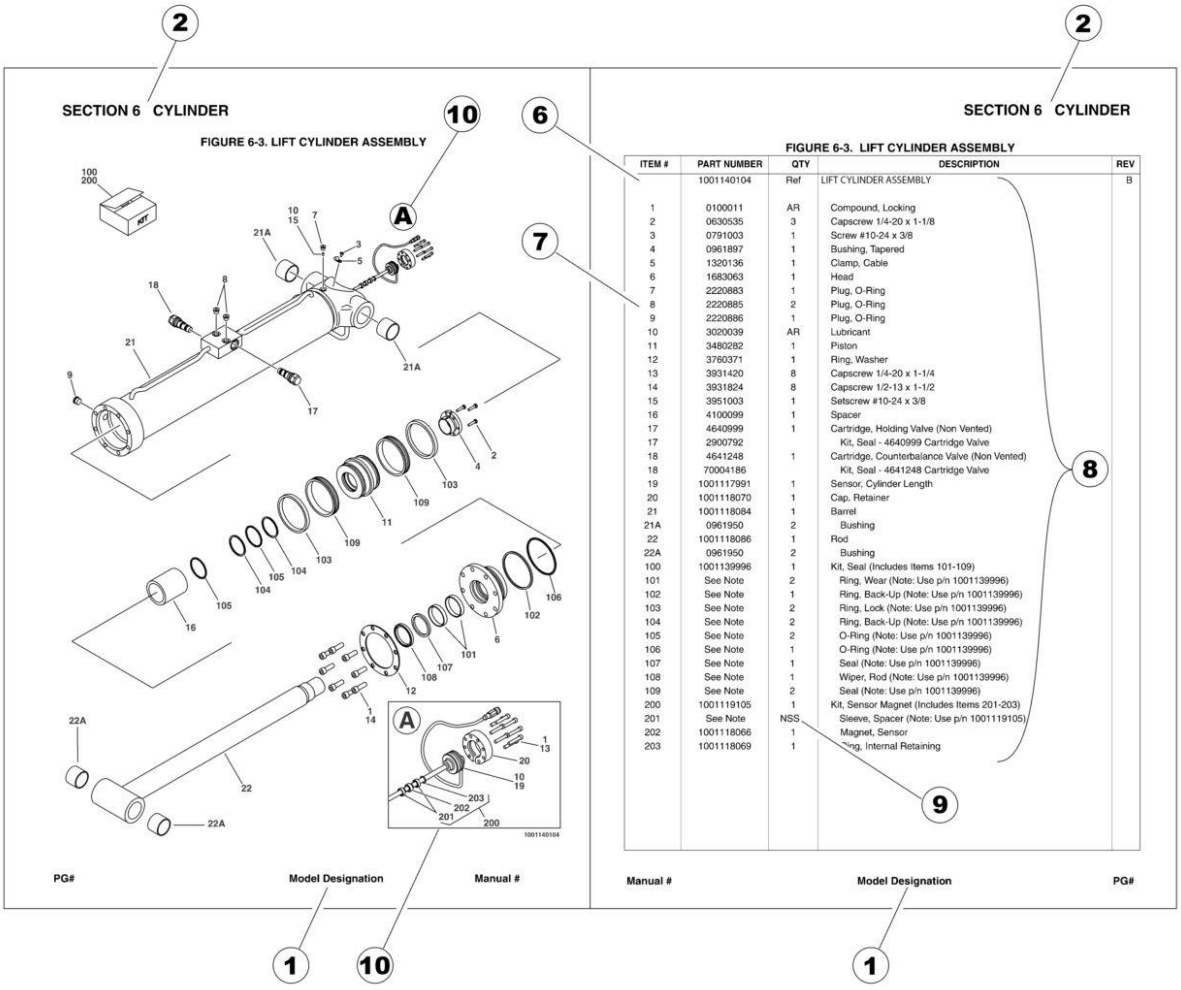
Machine Configuration

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 21

FIGURE 1-1. ENGINE ENCLOSURE INSTALLATION 22
FIGURE 1-2. ENGINE ENCLOSURE COVER INSTALLATION 24
FIGURE 1-3. HOOD ASSEMBLY 26
FIGURE 1-4. COVER INSTALLATION (NO OUTRIGGERS) (ULS) 28
FIGURE 1-5. COVER INSTALLATION (NO OUTRIGGERS) (LS) 30
FIGURE 1-6. TANK INSTALLATION 32
FIGURE 1-7. FUEL TANK INSTALLATION 34
FIGURE 1-8. HYDRAULIC TANK INSTALLATION 36
FIGURE 1-9. FUEL CAP ASSEMBLY 38
FIGURE 1-10. MIRROR INSTALLATION 40
FIGURE 1-11. BOOM PROP INSTALLATION (ANSI) 42
FIGURE 1-12. BOOM PROP INSTALLATION (CANADA) 44
FIGURE 1-13. BOOM PROP BRACKET 46
FIGURE 1-14. COUNTERWEIGHT INSTALLATION 48

SECTION 2 - BOOM 51

FIGURE 2-1. BOOM ASSEMBLY 52
FIGURE 2-2. FIRST BOOM SECTION ASSEMBLY 54
FIGURE 2-3. SECOND BOOM SECTION ASSEMBLY 56
FIGURE 2-4. THIRD BOOM SECTION ASSEMBLY 58
FIGURE 2-5. RETRACT CHAIN INSTALLATION 60
FIGURE 2-6. EXTEND CHAIN INSTALLATION 62
FIGURE 2-7. PINS INSTALLATION 64
FIGURE 2-8. RETRACT CHAIN SHEAVE 66
FIGURE 2-9. CHAIN SHEAVE ASSEMBLY 68
FIGURE 2-10. HOSE BRACKET INSTALLATION 70
FIGURE 2-11. BOOM PINNING INSTALLATION 72
FIGURE 2-12. LIFT CYLINDER PINS INSTALLATION 74
FIGURE 2-13. COMPENSATION CYLINDER PINS INSTALLATION 76
FIGURE 2-14. BOOM PIVOT PIN INSTALLATION 78
FIGURE 2-15. MANUAL QUICK COUPLER INSTALLATION 80
FIGURE 2-16. HYDRAULIC QUICK COUPLER INSTALLATION 82
FIGURE 2-17. BOOM PIN INSTALLATION 84
FIGURE 2-18. TILT CYLINDER PIN INSTALLATION 86
FIGURE 2-19. BOOM ANGLE INDICATOR INSTALLATION 88
FIGURE 2-20. BOOM BRUSHES INSTALLATION 90
FIGURE 2-21. QUICK COUPLER ASSEMBLY 92

SECTION 3 - ATTACHMENTS 95

FIGURE 3-1. BASKET, PERSONNEL - 4FT X 8FT (ASME) 96
FIGURE 3-2. BASKET, PERSONNEL - 4FT X 8FT (DOMESTIC) 98
FIGURE 3-3. BASKET, PERSONNEL - 4FT X 8FT (ISO) 100
FIGURE 3-4. BASKET, FORK MOUNTED 102
FIGURE 3-5. BOOM - ADJUSTABLE (CARRIAGE MOUNTED) 104

TABLE OF CONTENTS

FIGURE 3-6. BOOM - ADJUSTABLE (FORK MOUNTED) 106
FIGURE 3-7. BOOM - 3FT WITH WINCH 108
FIGURE 3-8. BOOM - 12FT WITH WINCH 110
FIGURE 3-9. BOOM - 12FT WITHOUT WINCH 112
FIGURE 3-10. BOOM - 15FT WITHOUT WINCH 114
FIGURE 3-11. BUCKET - 60IN (1.3 CU YD) (FORK MOUNTED) 116
FIGURE 3-12. BUCKET - 72IN (1.0 CU YD) 118
FIGURE 3-13. BUCKET - 96IN (1.5 CU YD) 120
FIGURE 3-14. BUCKET - 96IN GRAPPLE 122
FIGURE 3-15. BUCKET - 102IN (2.0 CU YD) 124
FIGURE 3-16. CARRIAGE ASSEMBLY - 48IN/12000# CAPACITY SIDE SHIFT 126
FIGURE 3-17. CARRIAGE ASSEMBLY - 50IN/1270MM 128
FIGURE 3-18. FORK POSITIONING CARRIAGE WITH FORKS (4.5 TON) 130
FIGURE 3-19. CARRIAGE ASSEMBLY - 50IN/12000# CAPACITY SIDE TILT 132
FIGURE 3-20. CARRIAGE ASSEMBLY - 60IN/1524MM 134
FIGURE 3-21. CARRIAGE ASSEMBLY - 60IN/12000# CAPACITY SIDE TILT 136
FIGURE 3-22. CARRIAGE ASSEMBLY - 72IN/1829MM 138
FIGURE 3-23. CARRIAGE ASSEMBLY - 72IN - 90 DEGREE SWING 140
FIGURE 3-24. CARRIAGE ASSEMBLY - 72IN/12000# CAPACITY SIDE TILT 142
FIGURE 3-25. CARRIAGE ASSEMBLY - DRYWALL (SWING) 144
FIGURE 3-26. CARRIAGE ASSEMBLY - DRYWALL SWING CARRIAGE 146
FIGURE 3-27. CARRIAGE ASSEMBLY - DRYWALL BOARD HANDLER 148
FIGURE 3-28. CARRIAGE ASSEMBLY - DRYWALL PIVOT FRAME 150
FIGURE 3-29. CARRIAGE ASSEMBLY - DRYWALL CYLINDER 152
FIGURE 3-30. CARRIAGE ASSEMBLY - DRYWALL HYDRAULICS 154
FIGURE 3-31. CARRIAGE ASSEMBLY - DRYWALL VALVE ASSEMBLY 156
FIGURE 3-32. CARRIAGE ASSEMBLY - DRYWALL CYLINDER 158
FIGURE 3-33. CARRIAGE ASSEMBLY - DRYWALL FORKS 160
FIGURE 3-34. FORK 2X2X48 / 1940# CAPACITY 162
FIGURE 3-35. FORK 2.36X4X48 / 5000# CAPACITY 164
FIGURE 3-36. FORK 2.36X4X48 / 5475# CAPACITY 166
FIGURE 3-37. FORK 2.00X6X48 / 6005# CAPACITY 168
FIGURE 3-38. FORK 2.36X5X48 / 6850# CAPACITY 170
FIGURE 3-39. FORK 2.36X4X60 / 5000# CAPACITY 172
FIGURE 3-40. FORK 2.36X5X60 / 6850# CAPACITY 174
FIGURE 3-41. FORK 2.36X6X60 / 8150# CAPACITY 176
FIGURE 3-42. FORK 2.00X6X72 / 6610# CAPACITY 178
FIGURE 3-43. FORK 2.36X5X72 / 6850# CAPACITY 180
FIGURE 3-44. FORK 40X150X1540 182
FIGURE 3-45. FORK 50X180X1540 184
FIGURE 3-46. FORK EXTENSION - 90IN 186
FIGURE 3-47. FORK CLAMPS INSTALLATION 188
FIGURE 3-48. PLATFORM (FORK MOUNTED) (4X9.8) 190
FIGURE 3-49. PLATFORM (FORK MOUNTED) (4X8 WITH DOORS) 192
FIGURE 3-50. HOOK, COUPLING 194

FIGURE 3-51. HOOK, CRANE 196
FIGURE 3-52. LIFTING HOOK (6K) 198
FIGURE 3-53. MAST, VERTICAL - 8FT (STANDARD) 200
FIGURE 3-54. MAST, VERTICAL - 8FT (SIDE TILT ELECTRIC MAST) 204
FIGURE 3-55. MAST, VERTICAL - DECAL KIT 210
FIGURE 3-56. MAST, VERTICAL - CYLINDER 212
FIGURE 3-57. SWEEPER ASSEMBLY 214
FIGURE 3-58. SWEEPER ASSEMBLY - BODY 216
FIGURE 3-59. SWEEPER ASSEMBLY - CORE 218
FIGURE 3-60. SWEEPER ASSEMBLY - HYDRAULIC SINGLE MOTOR ASSEMBLY 220
FIGURE 3-61. SWEEPER ASSEMBLY - HOPPER 222
FIGURE 3-62. SWEEPER ASSEMBLY - IDLER 224
FIGURE 3-63. SWEEPER ASSEMBLY - MOTOR 226
FIGURE 3-64. TRASH HOPPER 228

SECTION 4 - ENGINE AND ATTACHING PARTS 231

FIGURE 4-1. ENGINE INSTALLATION, 74HP (ULS) 232
FIGURE 4-2. ENGINE COMPONENTS, 74HP (ULS) 234
FIGURE 4-3. ENGINE INSTALLATION, 110HP (ULS) 236
FIGURE 4-4. ENGINE COMPONENTS, 110HP (ULS) 238
FIGURE 4-5. ENGINE INSTALLATION, 110HP (LS) 240
FIGURE 4-6. ENGINE COMPONENTS, 110HP (LS) 242
FIGURE 4-7. ENGINE MOUNTING INSTALLATION 244
FIGURE 4-8. ENGINE PARTS INSTALLATION (NO HEATER) 246
FIGURE 4-9. ENGINE PARTS INSTALLATION (HEATER) 248
FIGURE 4-10. AIR CLEANER INSTALLATION (ULS) 250
FIGURE 4-11. AIR CLEANER INSTALLATION (LS) 252
FIGURE 4-12. AIR CLEANER ASSEMBLY, 74HP 254
FIGURE 4-13. AIR CLEANER ASSEMBLY, 110HP 256
FIGURE 4-14. AIR INTAKE DUCT INSTALLATION 258
FIGURE 4-15. AIR CLEANER LINES INSTALLATION (ULS) 260
FIGURE 4-16. AIR CLEANER LINES INSTALLATION (LS) 262
FIGURE 4-17. AIR INTAKE SHUT OFF VALVE INSTALLATION 264
FIGURE 4-18. HEATER BREATHER - 74 HP 266
FIGURE 4-19. EXHAUST INSTALLATION, 74HP (ULS) 268
FIGURE 4-20. EXHAUST INSTALLATION, 110HP (ULS) 270
FIGURE 4-21. EXHAUST INSTALLATION, 110HP (LS) 272
FIGURE 4-22. MUFFLER INSTALLATION (LS) 274
FIGURE 4-23. DEF TANK INSTALLATION 276
FIGURE 4-24. DEF TANK ASSEMBLY 278
FIGURE 4-25. DEF BREATHER VALVE 280
FIGURE 4-26. DEF PUMP AND CONTROL INSTALLATION 282
FIGURE 4-27. UREA PUMP 284
FIGURE 4-28. DEF PUMP LINES INSTALLATION 286
FIGURE 4-29. DEF TANK LINES INSTALLATION 288
FIGURE 4-30. FUEL LINES INSTALLATION (ULS) 290

TABLE OF CONTENTS

FIGURE 4-31. FUEL LINES INSTALLATION (LS) 294
FIGURE 4-32. PRIMARY FUEL FILTER INSTALLATION (ULS) 298
FIGURE 4-33. PRIMARY FUEL FILTER INSTALLATION (LS) 300
FIGURE 4-34. FUEL TANK ASSEMBLY 302
FIGURE 4-35. FAN INSTALLATION, 74HP 304
FIGURE 4-36. FAN INSTALLATION, 110HP 306
FIGURE 4-37. FAN GUARD INSTALLATION 308
FIGURE 4-38. COOLING PACKAGE INSTALLATION (ULS) 310
FIGURE 4-39. COOLING PACKAGE INSTALLATION (LS) 312
FIGURE 4-40. COOLANT LINES INSTALLATION (ULS) 314
FIGURE 4-41. COOLANT LINES INSTALLATION (LS) 316
FIGURE 4-42. RADIATOR COOLING PACKAGE 318
FIGURE 4-43. SURGE TANK INSTALLATION 320
FIGURE 4-44. A/C PUMP INSTALLATION (ULS) 322
FIGURE 4-45. A/C PUMP INSTALLATION (LS) 324
FIGURE 4-46. A/C LINES INSTALLATION 326
FIGURE 4-47. ENGINE OIL QUICK DRAIN INSTALLATION 328
FIGURE 4-48. CAC LINES INSTALLATION (ULS) 330
FIGURE 4-49. CAC LINES INSTALLATION (LS) 332
FIGURE 4-50. HOC LINES INSTALLATION 334
FIGURE 4-51. TOC LINES INSTALLATION 336

SECTION 5 - DRIVE TRAIN 339

FIGURE 5-1. TRANSMISSION INSTALLATION, 74 HP 340
FIGURE 5-2. TRANSMISSION INSTALLATION, 110 HP 342
FIGURE 5-3. POWERSHIFT TRANSMISSION 344
FIGURE 5-4. TRANSMISION, ENGINE CONNECTION 346
FIGURE 5-5. TRANSMISSION, CONVERTER 348
FIGURE 5-6. TRANSMISSION, INPUT 350
FIGURE 5-7. TRANSMISSION, HOUSING GROUP 1 352
FIGURE 5-8. TRANSMISSION, HOUSING GROUP 2 354
FIGURE 5-9. TRANSMISSION, CLUTCH GROUP 1 356
FIGURE 5-10. TRANSMISSION, CLUTCH GROUP 2 358
FIGURE 5-11. TRANSMISSION, COUPLING GROUP 1 360
FIGURE 5-12. TRANSMISSION, COUPLING GROUP 2 362
FIGURE 5-13. TRANSMISSION, COUPLING GROUP 3 364
FIGURE 5-14. TRANSMISSION, COUPLING GROUP 4 366
FIGURE 5-15. TRANSMISSION, OUTPUT 368
FIGURE 5-16. TRANSMISSION, POWER TAKE-OFF 370
FIGURE 5-17. TRANSMISSION, CONTROL UNIT 372
FIGURE 5-18. TRANSMISSION, SHIFT SYSTEM 374
FIGURE 5-19. TRANSMISSION, PRESSURE REGULATOR 376
FIGURE 5-20. TRANSMISSION, PRESSURE OIL PUMP 378
FIGURE 5-21. TRANSMISSION, INDUCTIVE TRANSMITTER 380
FIGURE 5-22. TRANSMISSION, FILTER 382
FIGURE 5-23. TRANSMISSION, OIL DIPSTICK 384

FIGURE 5-24. TRANSMISSION, ACCESSORIES 386
FIGURE 5-25. TRANSMISSION, TRANSFER BOX HOUSING 1 388
FIGURE 5-26. TRANSMISSION, TRANSFER BOX HOUSING 2 390
FIGURE 5-27. TRANSMISSION, TRANSFER BOX HOUSING INPUT 392
FIGURE 5-28. TRANSMISSION, TRANSFER BOX HOUSING OUTPUT 1 394
FIGURE 5-29. TRANSMISSION, TRANSFER BOX HOUSING OUTPUT 2 396
FIGURE 5-30. DRIVE SHAFTS INSTALLATION 398
FIGURE 5-31. FRONT DRIVE SHAFT INSTALLATION 400
FIGURE 5-32. REAR DRIVE SHAFT INSTALLATION 402
FIGURE 5-33. DRIVETRAIN INSTALLATION, 74HP 404
FIGURE 5-34. DRIVETRAIN INSTALLATION, 110HP 406
FIGURE 5-35. FRONT AXLE INSTALLATION, 74HP 408
FIGURE 5-36. FRONT AXLE INSTALLATION, 110HP 410
FIGURE 5-37. FONT AXLE LINES INSTALLATION 412
FIGURE 5-38. FRONT AXLE MOUNTING INSTALLATION, 74HP 414
FIGURE 5-39. FRONT AXLE MOUNTING INSTALLATION, 110HP 416
FIGURE 5-40. FRONT AXLE, 74HP 418
FIGURE 5-41. FRONT AXLE, 74HP - CENTRAL HOUSING 420
FIGURE 5-42. FRONT AXLE, 74HP - DIFFERENTIAL 422
FIGURE 5-43. FRONT AXLE, 74HP - HUB REDUCTION 424
FIGURE 5-44. FRONT AXLE, 74HP - BRAKES 428
FIGURE 5-45. FRONT AXLE, 74HP - STEERING 430
FIGURE 5-46. FRONT AXLE, 74HP - TRUNION 432
FIGURE 5-47. FRONT AXLE, 74HP - PLANET GEAR CARRIER 434
FIGURE 5-48. FRONT AXLE, 110HP 436
FIGURE 5-49. FRONT AXLE, 110HP - CENTRAL HOUSING 438
FIGURE 5-50. FRONT AXLE, 110HP - DIFFERENTIAL 440
FIGURE 5-51. FRONT AXLE, 110HP - HUB REDUCTION 442
FIGURE 5-52. FRONT AXLE, 110HP - BRAKES 444
FIGURE 5-53. FRONT AXLE, 110HP -STEERING 446
FIGURE 5-54. FRONT AXLE, 110HP - TRUNION 448
FIGURE 5-55. FRONT AXLE, 110HP - DIFFERENTIAL 450
FIGURE 5-56. FRONT AXLE, 110HP - REDUCTION BUSHING 452
FIGURE 5-57. FRONT AXLE, 110HP - PLANET GEAR CARRIER 454
FIGURE 5-58. FRONT AXLE, 110HP - RING GEAR SUPPORT 456
FIGURE 5-59. FRONT AXLE, 110HP - PLANET GEAR 458
FIGURE 5-60. FRONT AXLE, 110HP - TRUNION KIT 460
FIGURE 5-61. REAR AXLE INSTALLATION, 74HP 462
FIGURE 5-62. REAR AXLE INSTALLATION, 110HP 464
FIGURE 5-63. REAR AXLE LINES INSTALLATION 466
FIGURE 5-64. REAR AXLE MOUNTING INSTALLATION, 74HP 468
FIGURE 5-65. REAR AXLE MOUNTING INSTALLATION, 110HP 470
FIGURE 5-66. REAR AXLE, 74HP 472
FIGURE 5-67. REAR AXLE, 74HP - CENTRAL HOUSING 474
FIGURE 5-68. REAR AXLE, 74HP - DIFFERENTIAL 476

TABLE OF CONTENTS

FIGURE 5-69. REAR AXLE, 74HP - HUB REDUCTION....478
FIGURE 5-70. REAR AXLE, 74HP - BRAKES....480
FIGURE 5-71. REAR AXLE, 74HP - STEERING....482
FIGURE 5-72. REAR AXLE, 74HP- TRUNION....484
FIGURE 5-73. REAR AXLE, 110HP....486
FIGURE 5-74. REAR AXLE, LSI SENSOR INSTALLATION....496
FIGURE 5-75. TIRE/WHEEL SET 315/95-28 SOLID CONTINENTAL....498
FIGURE 5-76. TIRE/WHEEL SET 370/75-28 PNEUMATIC....500
FIGURE 5-77. TIRE/WHEEL SET 370/75-28 PNEUMATIC NON-MARKING....502
FIGURE 5-78. TIRE/WHEEL SET 370/75-28 FOAM-FILLED....504
FIGURE 5-79. TIRE/WHEEL SET 370/75-28 FOAM-FILLED NON-MARKING....506
FIGURE 5-80. TIRE/WHEEL SET 13-24/16PR PNEUMATIC....508
FIGURE 5-81. TIRE/WHEEL SET 13-24/16PR FOAM-FILLED....510
FIGURE 5-82. TIRE/WHEEL SET 13-24 SOLIDBOSS (DIRECTIONAL)....512
FIGURE 5-83. TIRE/WHEEL SET 13-24 SOLIDEAL (DIRECTIONAL)....514
FIGURE 5-84. TIRE/WHEEL SET 13-28 SOLIDBOSS (DIRECTIONAL)....516
FIGURE 5-85. TIRE/WHEEL SET 13-28 SOLIDBOSS (NON-DIRECTIONAL)....518
FIGURE 5-86. TIRE/WHEEL SET 18 X 625 (PNEUMATIC TURF)....520
FIGURE 5-87. FENDER INSTALLATION....522
FIGURE 5-88. CAB FENDER INSTALLATION....524
FIGURE 5-89. CAB FENDER INSTALLATION REAR (LH)....526
FIGURE 5-90. WHEEL CHOCK INSTALLATION....528
FIGURE 5-91. TOOLBOX INSTALLATION....530

SECTION 6 - CAB....533

FIGURE 6-1. BEACON BRACKET INSTALLATION - WITHOUT CLEARSKY....534
FIGURE 6-2. CAB MOUNTING....536
FIGURE 6-3. CAB MOUNTS INSTALLATION....538
FIGURE 6-4. FRONT CAB OUTRIGGER INSTALLATION....540
FIGURE 6-5. OROPS CAB INSTALLATION....542
FIGURE 6-6. EROPS CAB INSTALLATION....544
FIGURE 6-7. CAB, TRIM KIT....546
FIGURE 6-8. CAB, TRIM KIT....548
FIGURE 6-9. OPEN CAB ASSEMBLY....550
FIGURE 6-10. OPEN CAB, LSI INSTALLATION....552
FIGURE 6-11. OPEN CAB PLUG GROUP....554
FIGURE 6-12. LSI DISPLAY INSTALLATION (OPEN CAB)....556
FIGURE 6-13. CAB, EPD CAULK....558
FIGURE 6-14. ENCLOSED CAB ASSEMBLY....560
FIGURE 6-15. ENCLOSED CAB, LSI INSTALLATION....562
FIGURE 6-16. REAR WINDOW INSTALLATION....564
FIGURE 6-17. REAR WINDOW INSTALLATION (WO/WIPER) (ANSI)....566
FIGURE 6-18. REAR WINDOW INSTALLATION (WO/WIPER) (ISO)....568
FIGURE 6-19. REAR WINDOW INSTALLATION (WO/WIPER) (ENG/SPAN)....570
FIGURE 6-20. REAR WINDOW ASSEMBLY....572
FIGURE 6-21. DOOR INSTALLATION....574

FIGURE 6-22. DOOR UPPER GLASS ASSEMBLY 576
FIGURE 6-23. CAB LATCH ASSEMBLY 578
FIGURE 6-24. CAB DOOR TRIGGER ASSEMBLY 580
FIGURE 6-25. DOOR ASSEMBLY 582
FIGURE 6-26. CAB DOOR 584
FIGURE 6-27. DOOR STRAP INSTALLATION 586
FIGURE 6-28. ENCLOSED CAB PLUG GROUP 588
FIGURE 6-29. ENCLOSED CAB, LSI DISPLAY INSTALLATION 590
FIGURE 6-30. BASIC MIRROR INSTALLATION 592
FIGURE 6-31. FRONT COVER INSTALLATION (OPEN CAB) 594
FIGURE 6-32. FRONT COVER INSTALLATION (ENCLOSED CAB) 596
FIGURE 6-33. FIRE EXTINGUISHER INSTALLATION 598
FIGURE 6-34. FILTER TRAY PANEL 600
FIGURE 6-35. FRONT DUCT COVER 602
FIGURE 6-36. LEVEL INDICATOR INSTALLATION 604
FIGURE 6-37. SEAT INSTALLATION - CLOTH (ORANGE SEAT BELT) 606
FIGURE 6-38. SEAT INSTALLATION - VINYL 608
FIGURE 6-39. SEAT ASSEMBLY - CLOTH (ORANGE SEAT BELT) 610
FIGURE 6-40. SEAT ASSEMBLY - VINYL 612
FIGURE 6-41. SEAT BELT INSTALLATION (3 INCH) 614
FIGURE 6-42. HEATER INSTALLATION 616
FIGURE 6-43. HEATER AND A/C INSTALLATION 618
FIGURE 6-44. HEATER ASSEMBLY 622
FIGURE 6-45. HEATER 624
FIGURE 6-46. HEATER AND A/C ASSEMBLY 626
FIGURE 6-47. HEATER AND A/C 628
FIGURE 6-48. CAB CONDENSER ASSEMBLY 630
FIGURE 6-49. A/C RECEIVER DRIER 632
FIGURE 6-50. CONDENSER 634
FIGURE 6-51. FRONT WIPER INSTALLATION 636
FIGURE 6-52. REAR WIPER INSTALLATION 638
FIGURE 6-53. ROOF WIPER INSTALLATION 640
FIGURE 6-54. HEADLINER INSTALLATION 642
FIGURE 6-55. TRIM INSTALLATION - OPEN CAB 644
FIGURE 6-56. TRIM INSTALLATION - ENCLOSED CAB 648
FIGURE 6-57. ARMREST 652
FIGURE 6-58. OPEN CAB FRONT COVER 654
FIGURE 6-59. ENCLOSED CAB FRONT COVER 656
FIGURE 6-60. ROOF CAP INSTALLATION (A/C) 658
FIGURE 6-61. ROOF CAP INSTALLATION (NO A/C) 660
FIGURE 6-62. NON SKID TAPE INSTALLATION 662
FIGURE 6-63. EXTERNAL WINDOW RELEASE INSTALLATION (CAN & ISO) 664
FIGURE 6-64. WASHER TANK INSTALLATION 666
FIGURE 6-65. WASHER BOTTLE 668
FIGURE 6-66. CAB GUARD INSTALLATION (TOP AND FRONT) 670

TABLE OF CONTENTS

FIGURE 6-67. CAB GUARD INSTALLATION (TOP) 672
FIGURE 6-68. CAB GUARD INSTALLATION (FRONT) 674
FIGURE 6-69. ROOF PIGTAIL CAP INSTALLATION 676
FIGURE 6-70. ROOF PIGTAIL INSTALLATION 678
FIGURE 6-71. NO SUNSCREEN INSTALLATION 680
FIGURE 6-72. RETRACTABLE SUNSCREEN INSTALLATION 682

SECTION 7 - CONTROLS 685

FIGURE 7-1. ACCELERATOR PEDAL INSTALLATION 686
FIGURE 7-2. ACCELERATOR PEDAL 688
FIGURE 7-3. BRAKE PEDAL INSTALLATION 690
FIGURE 7-4. BRAKE PEDAL 692
FIGURE 7-5. BRAKE PEDAL PLATE 694
FIGURE 7-6. COLUMN CLAMP INSTALLATION 696
FIGURE 7-7. HORN BUTTON INSTALLATION 698
FIGURE 7-8. JOYSTICK INSTALLATION (ELOBAU BRAND) 700
FIGURE 7-9. JOYSTICK INSTALLATION (BOSCH/REXROTH BRAND) 702
FIGURE 7-10. JOYSTICK ASSEMBLY (ELOBAU BRAND) 704
FIGURE 7-11. JOYSTICK ASSEMBLY (BOSCH/REXROTH BRAND) 706
FIGURE 7-12. STEERING COLUMN INSTALLATION 708
FIGURE 7-13. STEERING COLUMN INSTALLATION (EMERGENCY STEERING) 710
FIGURE 7-14. STEERING WHEEL INSTALLATION 712
FIGURE 7-15. STEERING WHEEL 714
FIGURE 7-16. WIPER-TURN SWITCH INSTALLATION 716

SECTION 8 - HYDRAULIC CIRCUITS 719

FIGURE 8-1. MAIN HYDRAULIC INSTALLATION - 74HP 720
FIGURE 8-2. MAIN HYDRAULIC INSTALLATION - 74HP (EMERGENCY STEERING) 722
FIGURE 8-3. MAIN HYDRAULIC INSTALLATION - 110HP 724
FIGURE 8-4. MAIN HYDRAULIC INSTALLATION - 110HP (EMERGENCY STEERING) 726
FIGURE 8-5. BOOM HYDRAULICS INSTALLATION - 74HP 728
FIGURE 8-6. BOOM HYDRAULICS INSTALLATION - 110HP 730
FIGURE 8-7. BOOM AUXILIARY HYDRAULICS INSTALLATION 732
FIGURE 8-8. BOOM AUXILIARY HYDRAULICS INSTALLATION (SIDE MOUNTED) 734
FIGURE 8-9. BOOM AUXILIARY HYDRAULICS INSTALLATION (HYDRAULIC COUPLER) 736
FIGURE 8-10. BOOM AUXILIARY VALVE & FITTINGS ASSEMBLY (HYDRAULIC COUPLER) 738
FIGURE 8-11. BOOM TUBES INSTALLATION 740
FIGURE 8-12. CAB HYDRAULICS INSTALLATION - 74HP 742
FIGURE 8-13. CAB HYDRAULICS INSTALLATION - 74HP (EMERGENCY STEERING) 744
FIGURE 8-14. CAB HYDRAULICS INSTALLATION - 110HP 746
FIGURE 8-15. CAB HYDRAULICS INSTALLATION - 110HP (EMERGENCY STEERING) 748
FIGURE 8-16. COUNTERBALANCE VALVE INSTALLATION (LIFT - NO RIDE CONTROL) (74HP) 750
FIGURE 8-17. COUNTERBALANCE VALVE INSTALLATION (LIFT - NO RIDE CONTROL) (110HP) 752
FIGURE 8-18. COUNTERBALANCE VALVE HYDRAULIC LINES (LIFT - RIDE CONTROL) (74HP) 754
FIGURE 8-19. COUNTERBALANCE VALVE HYDRAULIC LINES (LIFT - RIDE CONTROL) (110HP) 756
FIGURE 8-20. EMERGENCY STEERING MANIFOLD & FITTINGS ASSEMBLY 758

FIGURE 8-21. FRAME HYDRAULICS INSTALLATION - 74HP 760
FIGURE 8-22. FRAME HYDRAULICS INSTALLATION 110HP 764
FIGURE 8-23. FRAME LEVEL INSTALLATION 768
FIGURE 8-24. FRAME LEVEL HYDRAULICS INSTALLATION (NO OUTRIGGERS) 770
FIGURE 8-25. FRAME LEVEL HYDRAULICS INSTALLATION (NO OUTRIGGERS) (EMERGENCY STEERING) 772
FIGURE 8-26. PISTON PUMP INSTALLATION - 74HP 774
FIGURE 8-27. PISTON PUMP INSTALLATION - 110HP 776
FIGURE 8-28. PISTON PUMP ASSEMBLY - 74HP 778
FIGURE 8-29. PISTON PUMP ASSEMBLY - 110HP 780
FIGURE 8-30. REAR AXLE STABILIZER INSTALLATION 782
FIGURE 8-31. VALVES INSTALLATION - 74HP 784
FIGURE 8-32. VALVES INSTALLATION - 110HP 786
FIGURE 8-33. VALVES INSTALLATION - FRAME LEVEL 788
FIGURE 8-34. VALVE & FITTINGS ASSEMBLY- FRAME LEVEL 790
FIGURE 8-35. VALVES INSTALLATION - MAIN & PRIORITY- 74HP 792
FIGURE 8-36. VALVES INSTALLATION - MAIN & PRIORITY- 110HP 794
FIGURE 8-37. VALVE INSTALLATION - MAIN - 74HP 796
FIGURE 8-38. VALVE INSTALLATION - MAIN - 110HP 798
FIGURE 8-39. VALVE & FITTINGS ASSEMBLY- MAIN - 74HP 800
FIGURE 8-40. VALVE INSTALLATION - PRIORITY - 74HP 802
FIGURE 8-41. VALVE ASSEMBLY - PRIORITY FUNCTION MANIFOLD 804
FIGURE 8-42. PARK BRAKE INSTALLATION 806
FIGURE 8-43. VALVE INSTALLATION - PARKING BRAKE 808
FIGURE 8-44. VALVE INSTALLATION - SAHR BRAKE 810
FIGURE 8-45. VALVE ASSEMBLY - SAHR BRAKE 812
FIGURE 8-46. VALVES INSTALLATION - STEER SELECT 814
FIGURE 8-47. VALVE MOUNTING INSTALLATION - STEER SELECT 816
FIGURE 8-48. VALVE INSTALLATION - STEER SELECT 818
FIGURE 8-49. VALVE & FITTINGS ASSEMBLY- STEER SELECT 820

SECTION 9 - HYDRAULIC COMPONENTS 823

FIGURE 9-1. COUPLER - HYDRAULIC COUPLER 824
FIGURE 9-2. CYLINDER GROUP INSTALLATION (74HP) 826
FIGURE 9-3. CYLINDER GROUP INSTALLATION (110HP) 828
FIGURE 9-4. CYLINDER - CARRIAGE SIDE TILT 830
FIGURE 9-5. CYLINDER - CARRIAGE SWING 832
FIGURE 9-6. CYLINDER - COMPENSATION (74HP) 834
FIGURE 9-7. CYLINDER - COMPENSATION (110HP) 836
FIGURE 9-8. CYLINDER & VALVE SUB-ASSEMBLY - EXTEND/RETRACT (74HP) 838
FIGURE 9-9. CYLINDER & VALVE SUB-ASSEMBLY - EXTEND/RETRACT (110HP) 840
FIGURE 9-10. CYLINDER ASSEMBLY - EXTEND/RETRACT 842
FIGURE 9-11. CYLINDER - FORK POSITIONING 844
FIGURE 9-12. CYLINDER - FORK POSITIONING 846
FIGURE 9-13. CYLINDER INSTALLATION - FRAME LEVEL 848
FIGURE 9-14. CYLINDER - FRAME LEVEL 850
FIGURE 9-15. CYLINDER ASSEMBLY - GRAPPLE BUCKET 852

TABLE OF CONTENTS

FIGURE 9-16. CYLINDER ASSEMBLY - LIFT....854
FIGURE 9-17. CYLINDER SUB-ASSEMBLY - QUICK COUPLER....856
FIGURE 9-18. CYLINDER - QUICK COUPLER....858
FIGURE 9-19. CYLINDER & VALVE INSTALLATION - STABILIZER (REAR AXLE)....860
FIGURE 9-20. CYLINDER - STABILIZER (REAR AXLE)....862
FIGURE 9-21. CYLINDER & FITTINGS SUB-ASSEMBLY - TILT....864
FIGURE 9-22. CYLINDER ASSEMBLY - TILT....866
FIGURE 9-23. PUMP - GEAR....868
FIGURE 9-24. PUMP - PISTON....870
FIGURE 9-25. TANK - HYDRAULIC....872
FIGURE 9-26. TANK - HYDRAULIC FILTER ASSEMBLY....874
FIGURE 9-27. VALVE - AIR SHUT OFF....876
FIGURE 9-28. VALVE & FITTINGS - CARRIAGE (DUAL FORK)....878
FIGURE 9-29. VALVE - CARRIAGE DUAL FORK FLOW DIVIDER....880
FIGURE 9-30. VALVE ASSEMBLY - FRAME LEVEL....882
FIGURE 9-31. VALVE ASSEMBLY - MAIN CONTROL (74HP)....884
FIGURE 9-32. VALVE ASSEMBLY - MAIN CONTROL (110HP)....886
FIGURE 9-33. VALVE - PARKING BRAKE....888
FIGURE 9-34. VALVE ASSEMBLY - PRIORITY....890
FIGURE 9-35. VALVE ASSEMBLY - PRIORITY....892
FIGURE 9-36. VALVE - QUICK COUPLER....894
FIGURE 9-37. VALVE ASSEMBLY - SAHR BRAKE....896
FIGURE 9-38. VALVE ASSEMBLY - STABILIZER (REAR AXLE)....898
FIGURE 9-39. VALVE ASSEMBLY - STEERING ORBITAL....900
FIGURE 9-40. VALVE ASSEMBLY - STEERING SELECT....902

SECTION 10 - ELECTRICAL....905

FIGURE 10-1. MAIN ELECTRICAL INSTALLATION - 74HP (ULS)....906
FIGURE 10-2. MAIN ELECTRICAL INSTALLATION - 110HP (ULS)....908
FIGURE 10-3. MAIN ELECTRICAL INSTALLATION - 110HP (LS)....910
FIGURE 10-4. A/C OPTION HARNESS....912
FIGURE 10-5. AIR SHUT OFF VALVE HARNESS - CAB....914
FIGURE 10-6. AIR SHUT OFF VALVE HARNESS - ENGINE....916
FIGURE 10-7. ALARM INSTALLATION - BACK UP (97DB)....920
FIGURE 10-8. ALARM INSTALLATION - BACK UP (120DB)....922
FIGURE 10-9. ALARM INSTALLATION - BACK UP (WHITE NOISE)....924
FIGURE 10-10. ARCTIC COLD WEATHER PACKAGE INSTALLATION (74HP) (ULS)....926
FIGURE 10-11. ARCTIC COLD WEATHER PACKAGE INSTALLATION (110HP) (ULS)....928
FIGURE 10-12. ARCTIC COLD WEATHER PACKAGE INSTALLATION (110HP) (LS)....930
FIGURE 10-13. BATTERY INSTALLATION....932
FIGURE 10-14. BATTERY INSTALLATION....934
FIGURE 10-15. BATTERY INSTALLATION - ARCTIC PACKAGE....936
FIGURE 10-16. BOOM ANGLE SENSOR INSTALLATION (LSI)....938
FIGURE 10-17. BOOM ELECTRIC HARNESS INSTALLATION....940
FIGURE 10-18. BOOM ELECTRIC HARNESS....942
FIGURE 10-19. BOOM AUXILIARY ELECTRIC INSTALLATION....944

FIGURE 10-20. BOOM AUXILIARY ELECTRIC HARNESS INSTALLATION 946
FIGURE 10-21. CAB DASH ELECTRICAL (ULS) 948
FIGURE 10-22. CAB DASH ELECTRICAL (LS) 950
FIGURE 10-23. CAB ELECTRICAL INSTALLATION 952
FIGURE 10-24. CAB ELECTRICAL BOARD ASSEMBLY 954
FIGURE 10-25. CAB ELECTRICAL COMMUNICATION CABLE 956
FIGURE 10-26. CAB HARNESS 958
FIGURE 10-27. CAB ELECTRICAL INSTALLATION - ENCLOSED 962
FIGURE 10-28. CAB ELECTRICAL INSTALLATION - OPEN 964
FIGURE 10-29. CAB OPTION 1 ELECTRICAL BOARD 966
FIGURE 10-30. CAB OPTION 2 ELECTRICAL BOARD 968
FIGURE 10-31. CAB OPTION HARNESS 970
FIGURE 10-32. CAB OPTION 1 HARNESS 972
FIGURE 10-33. CAB OPTION 2 HARNESS 976
FIGURE 10-34. CAB - KEY HARNESS 978
FIGURE 10-35. CAB MULTIFUNCTION DISPLAY INSTALLATION 980
FIGURE 10-36. CAB SEAT BELT ALARM HARNESS 982
FIGURE 10-37. CLEARSKY CS550 INSTALLATION 984
FIGURE 10-38. CLEARSKY CS550 WITH BEACON INSTALLATION 986
FIGURE 10-39. CLEARSKY HARNESS 988
FIGURE 10-40. CLEARSKY TELEMATICS READY INSTALLATION 990
FIGURE 10-41. CLEARSKY TELEMATICS READY HARNESS 992
FIGURE 10-42. CLEARSKY TELEMATICS READY HARNESS 994
FIGURE 10-43. DEF PURGE LIGHT HARNESS (110HP) (ULS) 996
FIGURE 10-44. ENGINE - WIRING INSTALLATION (74HP) (ULS) 998
FIGURE 10-45. ENGINE - WIRING INSTALLATION (110HP) (ULS) 1000
FIGURE 10-46. ENGINE - WIRING INSTALLATION (110HP) (LS) 1004
FIGURE 10-47. ENGINE HARNESS (74HP) (ULS) 1008
FIGURE 10-48. ENGINE HARNESS (110HP) (ULS) 1012
FIGURE 10-49. ENGINE HARNESS (110HP) (LS) 1016
FIGURE 10-50. ENGINE BAY - ELECTRICAL INSTALLATION (74HP) (ULS) 1020
FIGURE 10-51. ENGINE BAY - ELECTRICAL INSTALLATION (110HP) (ULS) 1022
FIGURE 10-52. ENGINE BAY - ELECTRICAL INSTALLATION (110HP) (LS) 1024
FIGURE 10-53. ENGINE BAY - WIRING INSTALLATION (74HP) (ULS) 1026
FIGURE 10-54. ENGINE BAY - WIRING INSTALLATION (110HP) (ULS) 1028
FIGURE 10-55. ENGINE BAY - WIRING INSTALLATION (110HP) (LS) 1030
FIGURE 10-56. ENGINE/CHASSIS HARNESS (110HP) (ULS) 1032
FIGURE 10-57. ENGINE - ECU INSTALLATION (ULS) 1036
FIGURE 10-58. ENGINE - ECU INSTALLATION (LS) 1038
FIGURE 10-59. ENGINE TBAP HARNESS 1040
FIGURE 10-60. FRAME - ELECTRICAL INSTALLATION 1042
FIGURE 10-61. FRAME - POWER DISTRIBUTION BOX 1044
FIGURE 10-62. FRAME - WIRING INSTALLATION (74HP) (ULS) 1046
FIGURE 10-63. FRAME - WIRING INSTALLATION (110HP) (ULS) 1048
FIGURE 10-64. FRAME - WIRING INSTALLATION (110HP) (LS) 1050

TABLE OF CONTENTS

FIGURE 10-65. FRAME HARNESS - FRONT 1052
FIGURE 10-66. FRAME HARNESS - REAR (74HP) 1058
FIGURE 10-67. FRAME HARNESS - REAR (110HP) 1062
FIGURE 10-68. HEATER HARNESS - CUMMINS BREATHER (74HP) (ULS) 1066
FIGURE 10-69. HEATER HARNESS - CUMMINS BREATHER (110HP) (ULS) 1068
FIGURE 10-70. HEATER HARNESS - FUEL FILTER 1070
FIGURE 10-71. HEATER HARNESS - HYDRAULIC TANK 1072
FIGURE 10-72. HVAC ACTUATOR HARNESS 1074
FIGURE 10-73. JOYSTICK HARNESS 1076
FIGURE 10-74. LIGHTS - BOOM WORK LIGHTS SWITCH/HARNESS INSTALLATION (LED) 1078
FIGURE 10-75. LIGHTS - BOOM WORK LIGHTS INSTALLATION (LED) 1080
FIGURE 10-76. LIGHTS - BOOM WORK LIGHTS HARNESS 1082
FIGURE 10-77. LIGHTS - CAB WORK LIGHTS INSTALLATION (NO A/C) (LED) 1084
FIGURE 10-78. LIGHTS - CAB WORK LIGHTS INSTALLATION (A/C) (LED) 1086
FIGURE 10-79. LIGHTS - ROADLIGHTS INSTALLATION 1088
FIGURE 10-80. LIGHTS - ROADLIGHTS HEADLIGHT HARNESS 1090
FIGURE 10-81. LIGHTS - ROADLIGHTS TAILLIGHTS HARNESS 1092
FIGURE 10-82. LIGHTS - SWITCH INSTALLATION 1094
FIGURE 10-83. LSI HARNESS - BOOM RETRACT 1096
FIGURE 10-84. PLATFORM HARNESS 1098
FIGURE 10-85. REVERSE CAMERA INSTALLATION 1100
FIGURE 10-86. MULTI VIEW CAMERA INSTALLATION 1102
FIGURE 10-87. REVERSE SENSOR INSTALLATION 1104
FIGURE 10-88. REVERSE SENSOR HARNESS 1106
FIGURE 10-89. RIDE CONTROL VALVE HARNESS INSTALLATION 1108
FIGURE 10-90. RIDE CONTROL VALVE HARNESS 1110
FIGURE 10-91. ROOF PIGTAIL HARNESS 1112
FIGURE 10-92. USB CHARGER INSTALLATION 1114

SECTION 11 - DECALS 1117

FIGURE 11-1. DECAL INSTALLATION (ANSI) (74 HP) 1118
FIGURE 11-2. DECAL INSTALLATION (ANSI) (110 HP) 1122
FIGURE 11-3. DECAL INSTALLATION (CSA ENGLISH/FRENCH) (74 HP) 1126
FIGURE 11-4. DECAL INSTALLATION (CSA ENGLISH/FRENCH) (110 HP) 1130
FIGURE 11-5. DECAL INSTALLATION (ISO) (74 HP) 1134
FIGURE 11-6. DECAL INSTALLATION (ISO) (110 HP) 1138
FIGURE 11-7. DECAL INSTALLATION (HRC)(110HP) 1142
FIGURE 11-8. DECAL INSTALLATION (HRC)(74HP) 1146
FIGURE 11-9. DECAL INSTALLATION (LATIN AMERICAN ENGLISH/SPANISH) (74HP) 1150
FIGURE 11-10. DECAL INSTALLATION (LATIN AMERICAN ENGLISH/SPANISH) (110HP) 1154
FIGURE 11-11. BRAND AND MODEL DECAL INSTALLATION 1158
FIGURE 11-12. CAPACITY CHART BOOKLET (ANSI) 1160
FIGURE 11-13. CAPACITY CHART BOOKLET (ISO) 1162
FIGURE 11-14. CAPACITY CHART HOLDER INSTALLATION 1164
FIGURE 11-15. CLEARSKY DECAL INSTALLATION 1166
FIGURE 11-16. REVERSE SENSING SYSTEM DECAL (ANSI) 1168

FIGURE 11-17. REVERSE SENSING SYSTEM DECAL (CSA) 1170
FIGURE 11-18. REVERSE SENSOR SYSTEM DECAL (ENGLISH/SPANISH) 1172
FIGURE 11-19. REVERSE SENSING SYSTEM DECAL (ISO) 1174
SECTION 12 - RECOMMENDED SERVICE PARTS STOCK 1177
FIGURE 12-1. RECOMMENDED SERVICE PARTS STOCK 1178
SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS 1181
FIGURE 13-1. SPECIAL OPTIONS/ACCESSORIES/KITS 1182
PART NUMBER INDEX 1185

SECTION 1 - FRAME AND ATTACHING PARTS

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-1. ENGINE ENCLOSURE INSTALLATION

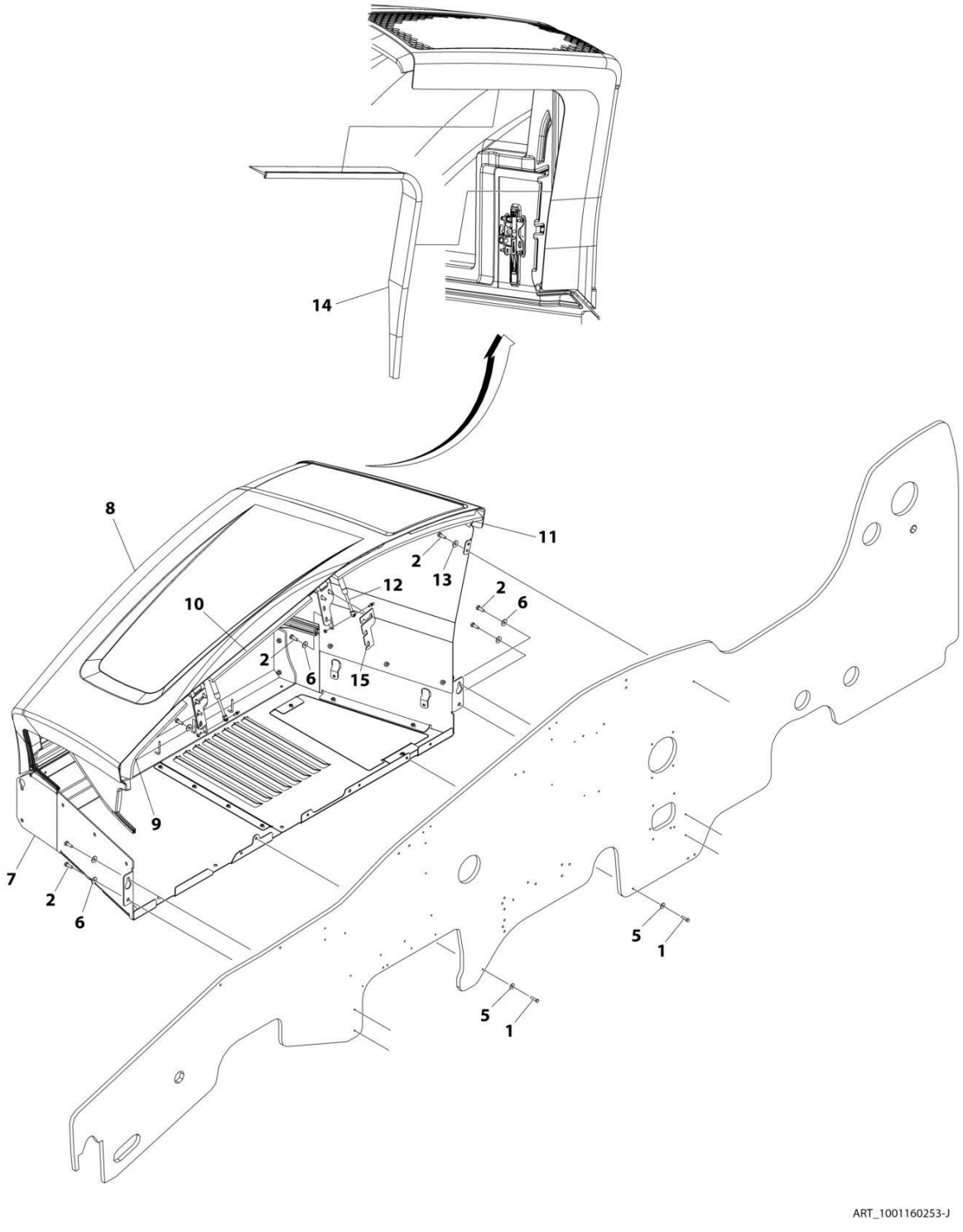


FIGURE 1-1. ENGINE ENCLOSURE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160253	Ref	Engine Enclosure Installation	J
1	0760815	2	Bolt, M8X35	
2	0701014	11	Bolt, M10X30	
5	4811902	2	Washer, M8	
6	4812002	10	Washer, M10	
7	1001162239	Ref	Installation, Engine Enclosure Cover (See Separate Breakdown in this Section)	
8	1001235963	Ref	Assembly, Hood (See Separate Breakdown in this Section)	
9	1001203932	1	Seal	
10	1001203933	1	Seal	
11	1001203934	1	Seal	
12	1001171885	2	Spring, Gas	
13	4812000	1	Washer, M10	
14	1001197339	1	Trim, Lock Seal	
15	1001241836	AR	Shim	

FIGURE 1-2. ENGINE ENCLOSURE COVER INSTALLATION

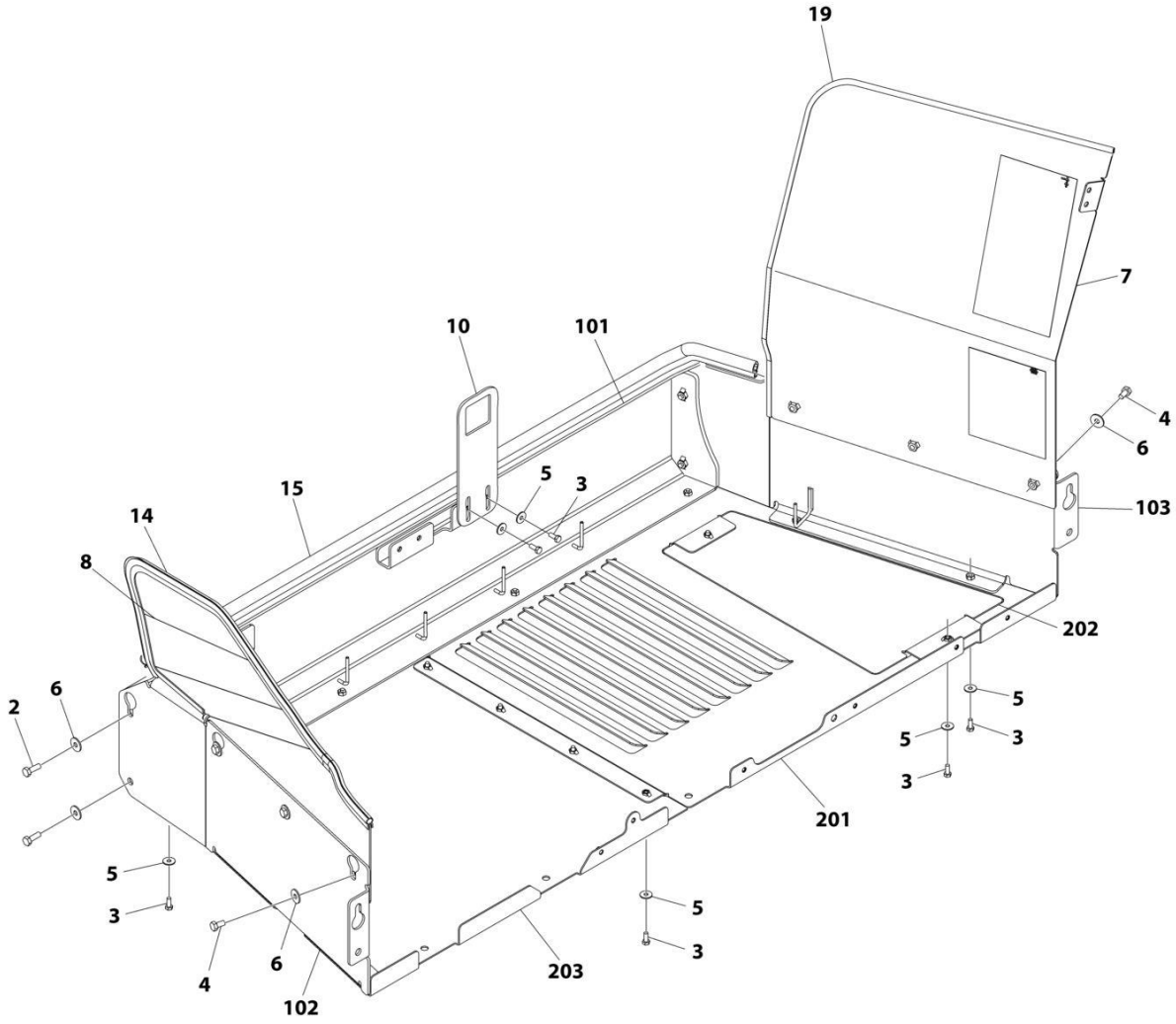


FIGURE 1-2. ENGINE ENCLOSURE COVER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162239	Ref	Engine Enclosure Cover Installation	N
2	0701014	4	Bolt, M10X30	
3	0760810	16	Bolt, M8X20	
4	0761010	6	Bolt, M10X20	
5	4811902	16	Washer, M8	
6	4812002	10	Washer, M10	
7	1001204086	1	Plate, Rear Cover	
8	1001184076	1	Panel, Front Cover	
10	1001209388	1	Latch, Hood	
14	1001003227	1375 mm	Seal	
15	1001204486	1795 mm	Seal	
19	90206198	1345 mm	Trim, Edge	
101	1001162240J	1	Panel, Side Skirt	
102	1001213126J	1	Panel, Front Skirt	
103	1001196426J	1	Panel, Rear Skirt	
201	1001196422	1	Panel, Bottom Cover	
202	1001169265	1	Panel, Access	
203	1001196404	1	Panel, Engine Pod	

FIGURE 1-3. HOOD ASSEMBLY

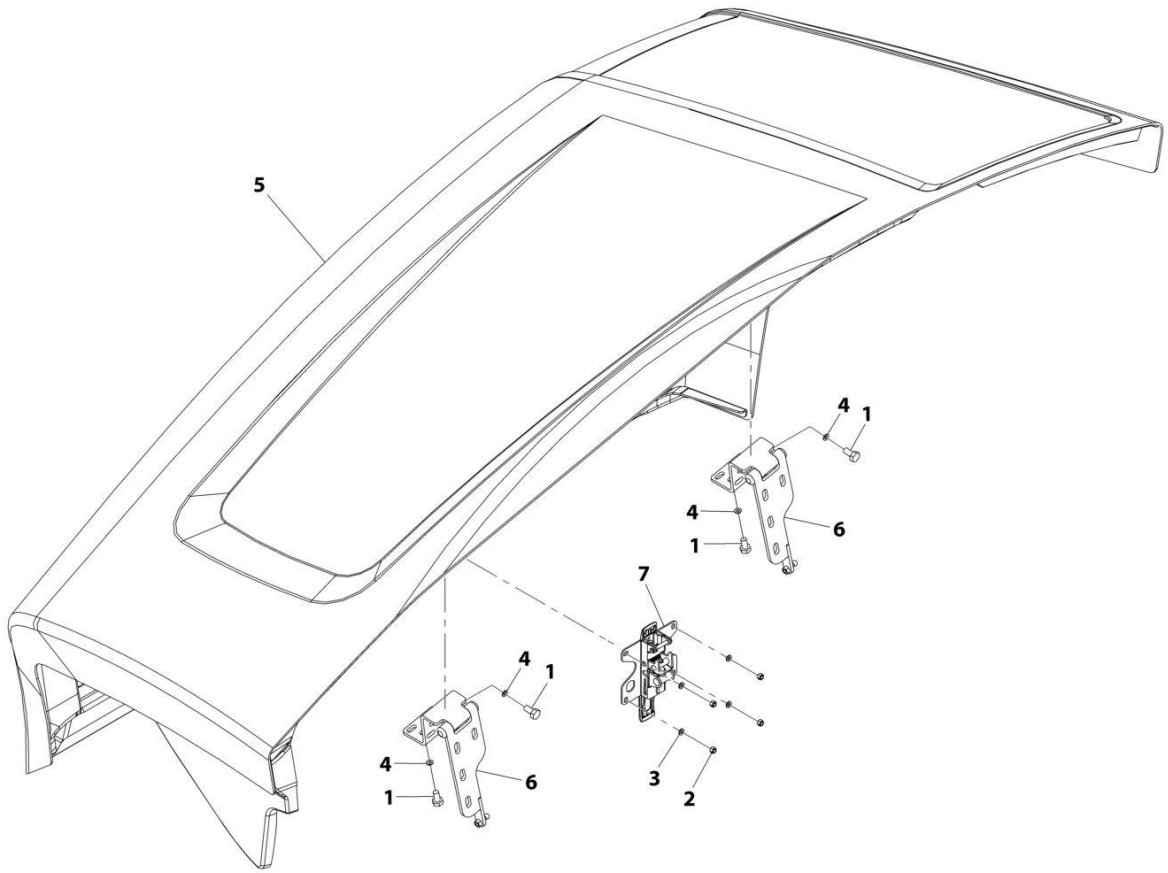


FIGURE 1-3. HOOD ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235963	Ref	Hood Assembly	B
1	0761010	8	Bolt, M10X20	
2	3290605	4	Nut, Lock M6X1	
3	4811700	4	Washer, M6	
4	4812000	8	Washer, M10	
5	1001234455	1	Hood	
6	1001209387	2	Hinge, Hood	
7	1001132168	1	Latch, Hood	

FIGURE 1-4. COVER INSTALLATION (NO OUTRIGGERS) (ULS)

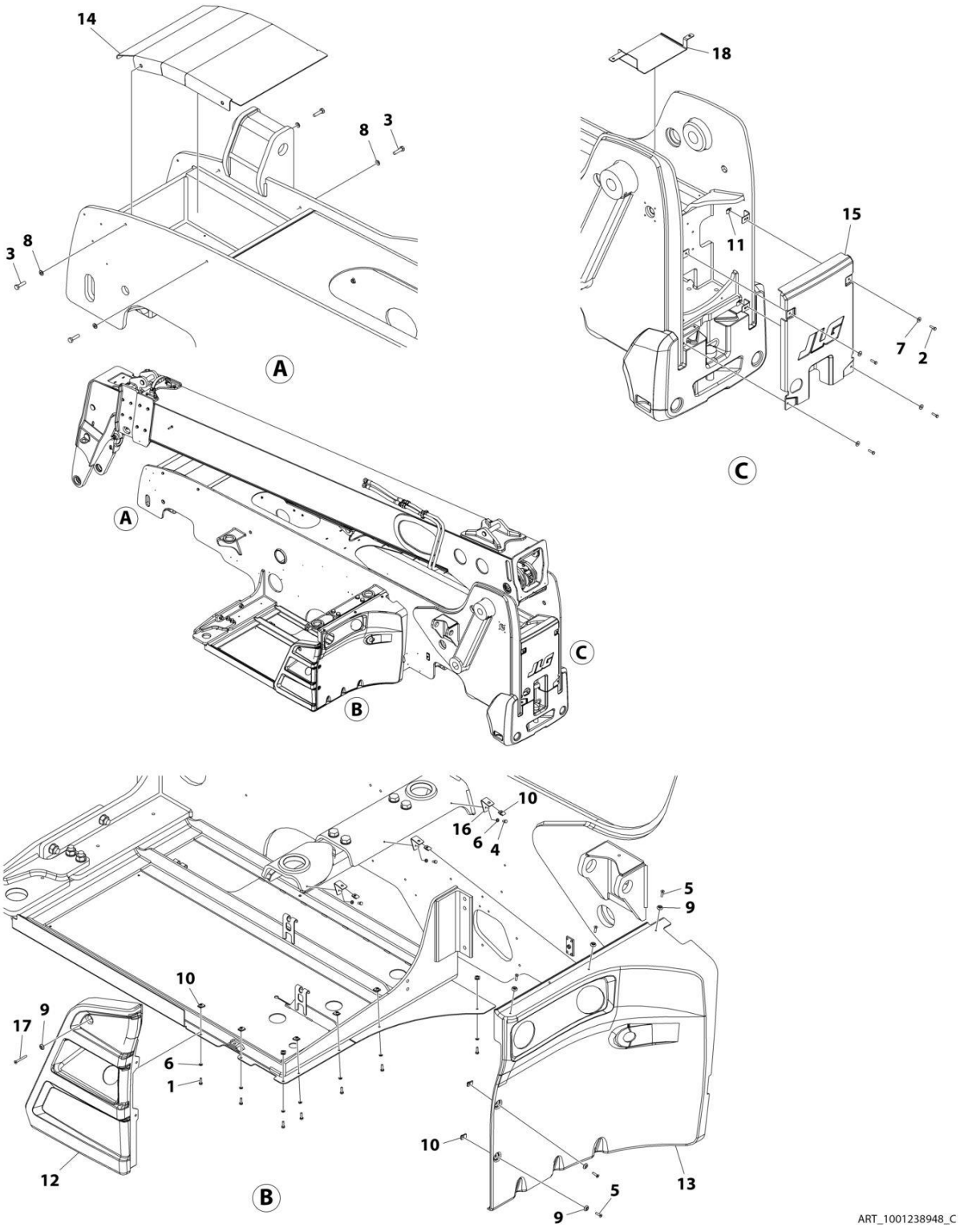


FIGURE 1-4. COVER INSTALLATION (NO OUTRIGGERS) (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238948	Ref	COVER INSTALLATION (NO OUTRIGGERS) (ULS)	C
1	0700610	7	Bolt M6 x 20	
2	0700814	4	Bolt M8 x 30	
3	0701016	4	Bolt M10 x 40	
4	0760606	3	Bolt M6 x 12	
5	3900379	5	Screw M6-1 x 25	
6	4811700	10	Washer M6	
7	4811902	4	Washer M8	
8	4812000	4	Washer M10	
9	1001097540	6	Washer M6	
10	1001130220	12	Nut M6	
11	1001149160	4	Nut M8	
12	1001168760	1	Cover, Side Tank	
13	1001168761	1	Cover, Rear Tank	
14	1001207343	1	Shield, Battery	
15	1001170645	1	Cover	
16	1001171772	3	Bracket	
17	1001112902	1	Screw M6	
18	1001204488	1	Cover, Rear Frame Module	

FIGURE 1-5. COVER INSTALLATION (NO OUTRIGGERS) (LS)

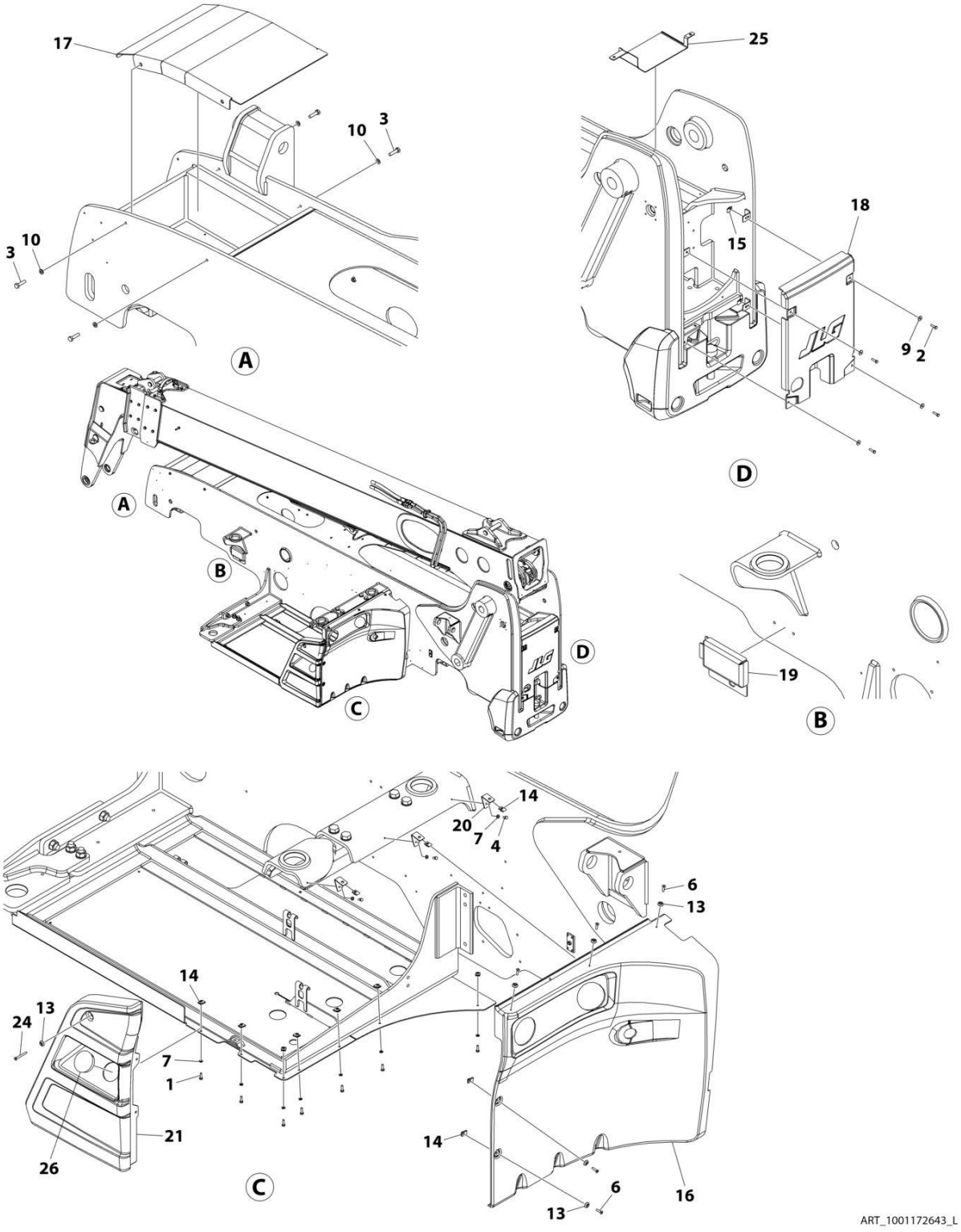


FIGURE 1-5. COVER INSTALLATION (NO OUTRIGGERS) (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172643	Ref	COVER INSTALLATION (NO OUTRIGGERS), 74HP (LS)	L
1	0700610	7	Bolt M6 x 20	
2	0700814	4	Bolt M8 x 30	
3	0701016	4	Bolt M10 x 40	
4	0760606	3	Bolt M6 x 12	
6	3900379	5	Screw M6-1 x 25	
7	4811700	10	Washer M6	
9	4811902	4	Washer M8	
10	4812000	4	Washer M10	
13	1001097540	6	Washer M6	
14	1001130220	12	Nut M6	
15	1001149160	4	Nut M8	
16	1001168761	1	Cover, Rear Tank	
17	1001207343	1	Shield, Battery	
18	1001170645	1	Cover	
19	1001201646	1	Shield, Inspection Port	
20	1001171772	3	Bracket	
21	1001168760	1	Cover, Side Tank	
24	1001112902	1	Screw M6	
25	1001204488	1	Cover, Rear Frame Module	
26	1001206746	1	Cap, Side Tank Cover	

FIGURE 1-6. TANK INSTALLATION

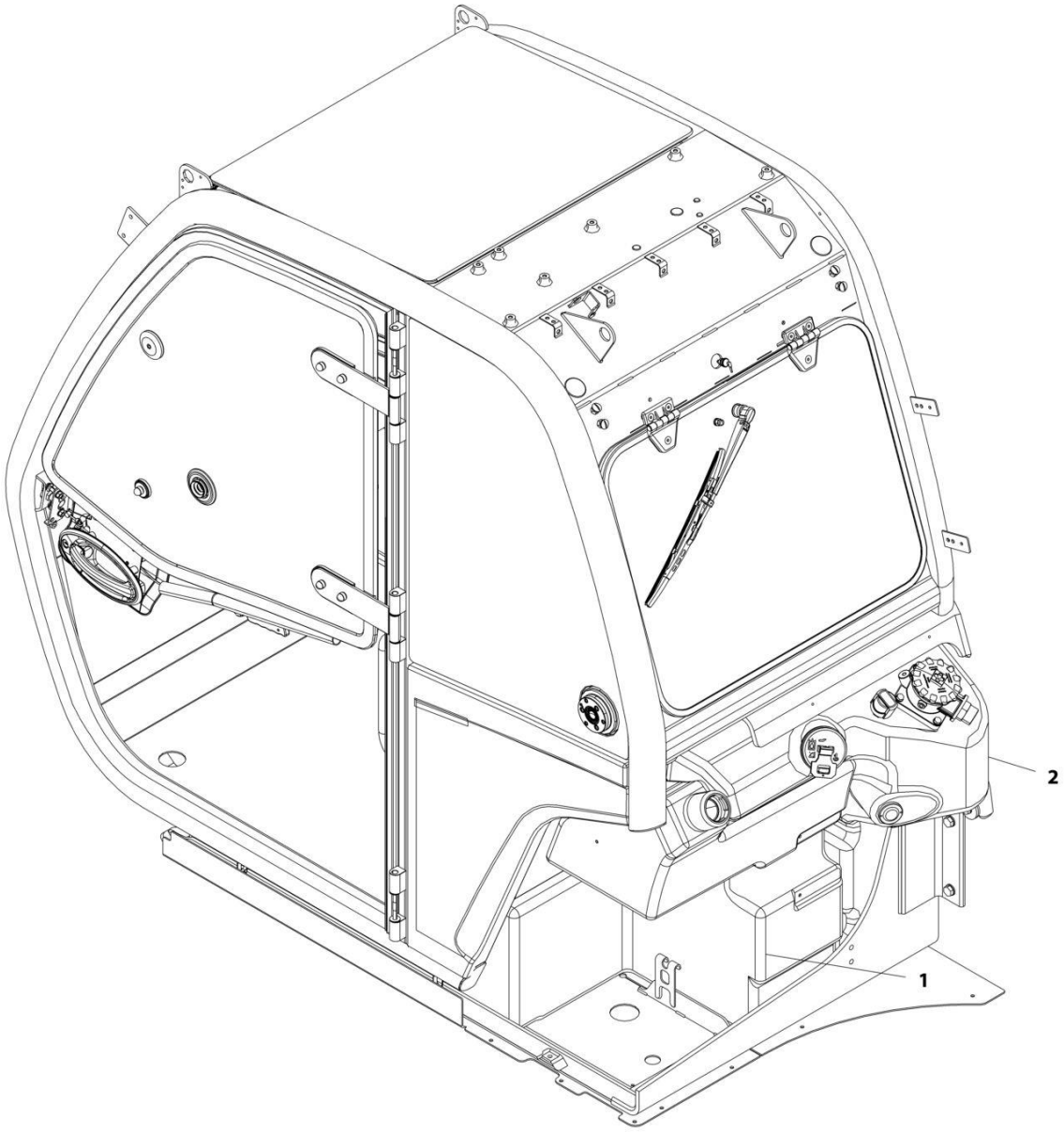


FIGURE 1-6. TANK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160735	Ref	Tank Installation	A
1	1001171153	1	Installation, Fuel Tank (See Separate Breakdown in this Section)	
2	1001171154	1	Installation, Hydraulic Tank (See Separate Breakdown in this Section)	

FIGURE 1-7. FUEL TANK INSTALLATION

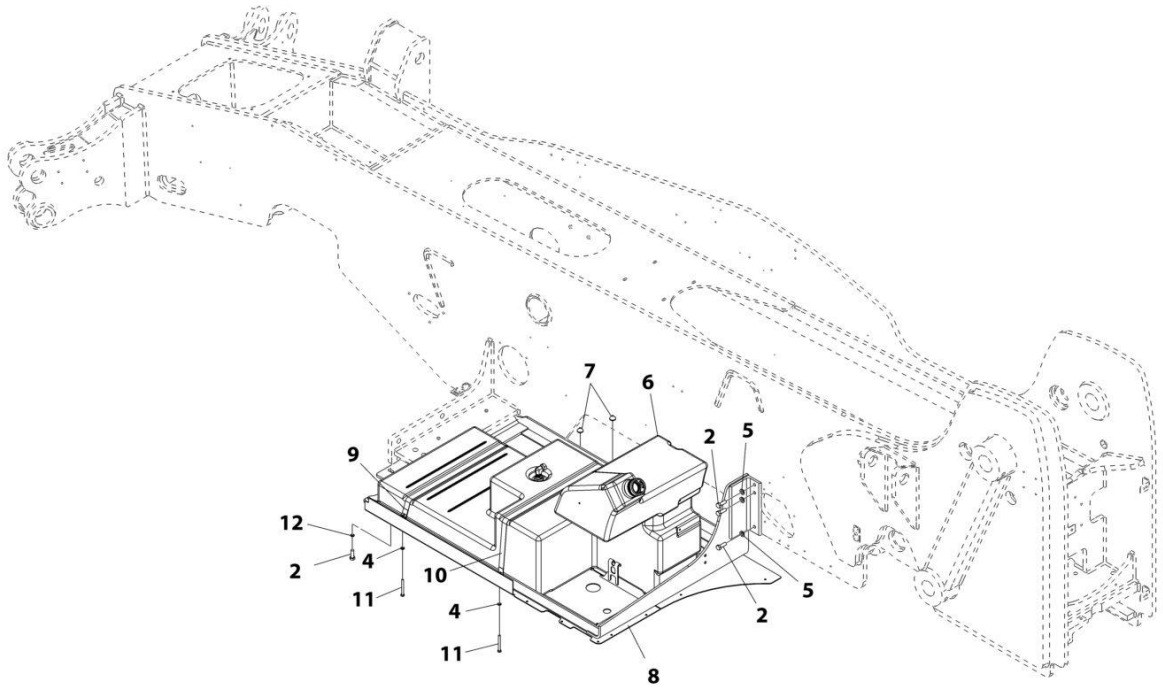


FIGURE 1-7. FUEL TANK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171153	Ref	Fuel Tank Installation	H
2	0761215	6	Bolt, M12X35	
4	4811900	2	Washer, M8	
5	4812100	3	Washer, M12	
6	1001211432	1	Tank, Fuel (See Separate Breakdown in ENGINE AND ATTACHING PARTS Section)	
7	1001169454	4	Mount, Buffer	
8	1001169602	1	Support, Tank Plate	
9	1001170071	1	Strap, Tank	
10	1001170072	1	Strap, Tank	
11	0760823	2	Bolt, M8X75	
12	4812102	3	Washer, M12	

FIGURE 1-8. HYDRAULIC TANK INSTALLATION

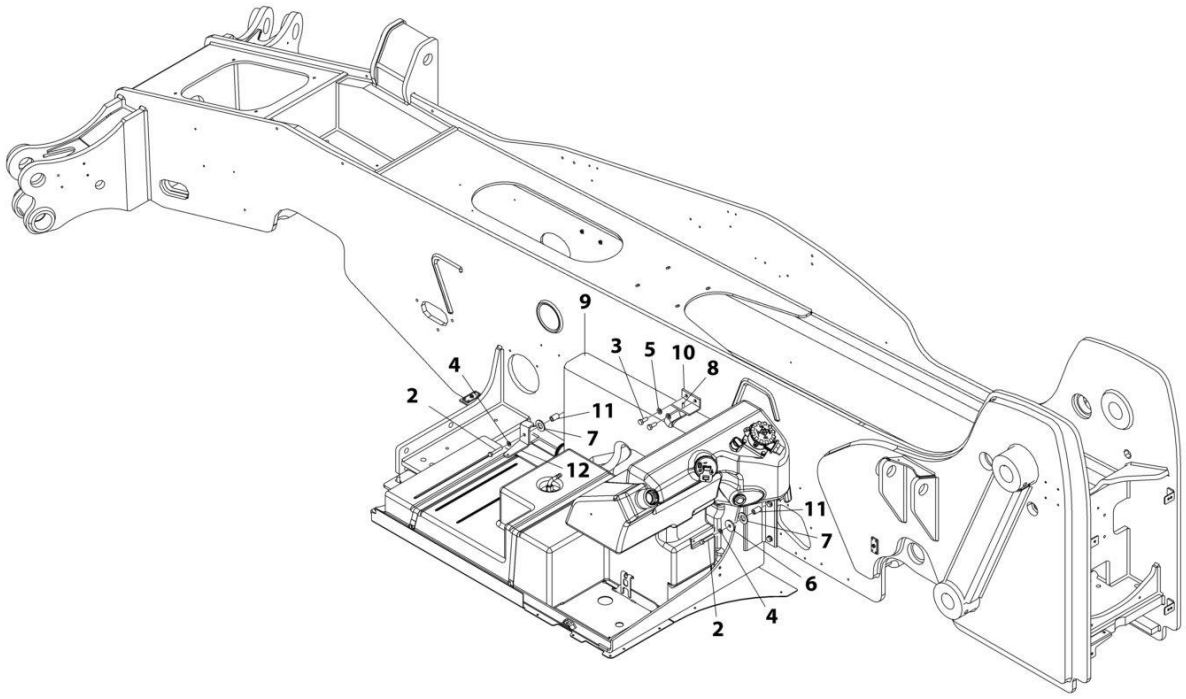
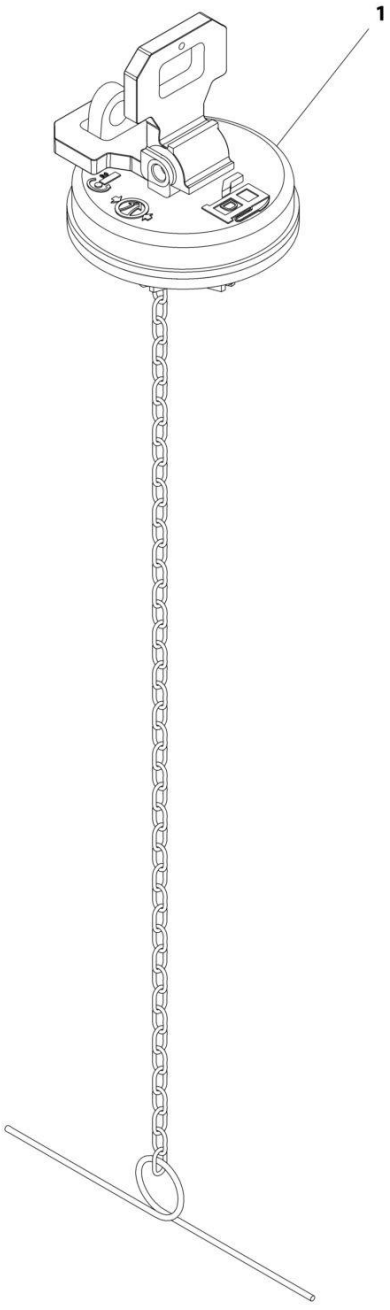


FIGURE 1-8. HYDRAULIC TANK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171154	Ref	Hydraulic Tank Installation	E
2	0701020	2	Bolt, M10X60	
3	0761214	2	Bolt, M12X30	
4	4812000	2	Washer, M10	
5	4812100	2	Washer, M12	
6	1001172147	1	Washer, M10	
7	1001172146	2	Washer, Rubber	
8	1001008575	1	Bumper, Conical	
9	1001163067	1	Tank, Hydraulic (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
10	1001169461	1	Bracket	
11	1001171179	2	Spacer	
12	1001210707	1	Bracket	

FIGURE 1-9. FUEL CAP ASSEMBLY



ART_1001194978-A

FIGURE 1-9. FUEL CAP ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001194978	1	Fuel Cap Assembly	A

FIGURE 1-10. MIRROR INSTALLATION

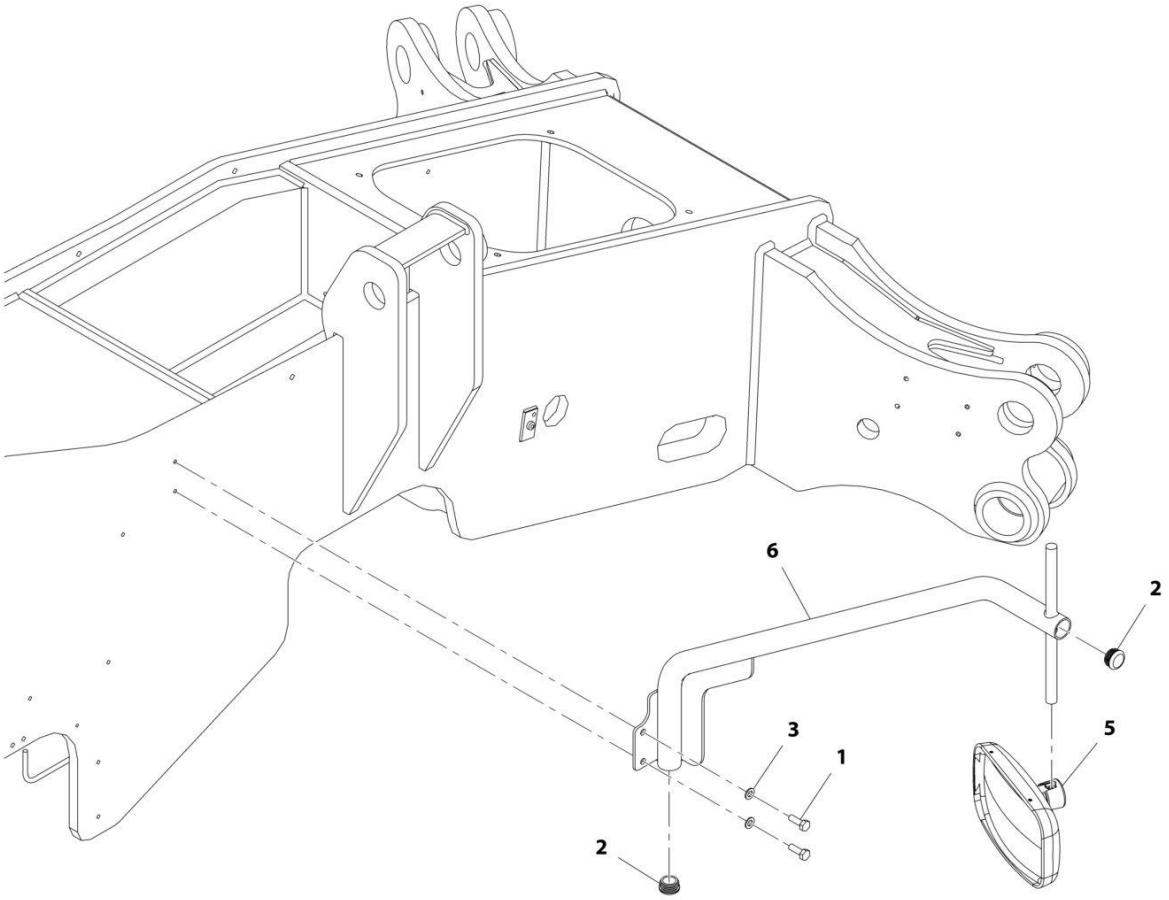


FIGURE 1-10. MIRROR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160255	Ref	Mirror Installation	D
1	0701014	2	Bolt, M10X30 Grade 8	
2	3520186	2	Plug	
3	4812000	2	Washer, M10	
5	1001191635	1	Mirror, Convex	
6	1001191603	1	Bracket	

FIGURE 1-11. BOOM PROP INSTALLATION (ANSI)

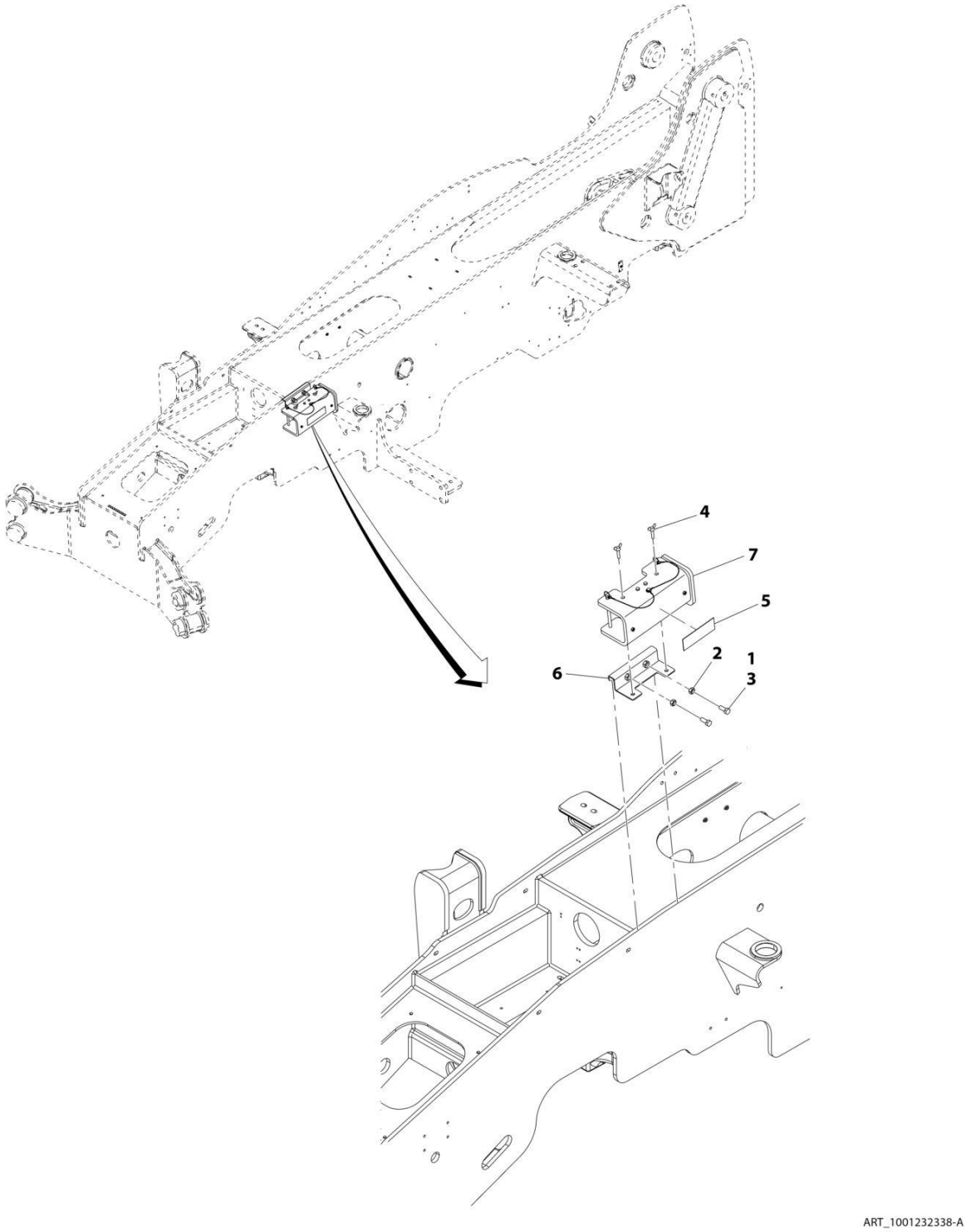


FIGURE 1-11. BOOM PROP INSTALLATION (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232338	Ref	Boom Prop Installation (ANSI)	A
1	0761214	2	Bolt, M12X30	
2	3291201	2	Nut, M12X1.75	
3	1001095650	AR	Compound, Locking	
4	1001101458	2	Wing Bolt, M8X40	
5	1001232147	1	Decal, Warning	
6	1001232299	1	Bracket, Mount	
7	1001232336	Ref	Bracket, Boom Prop (See Separate Breakdown in this Section)	

FIGURE 1-12. BOOM PROP INSTALLATION (CANADA)

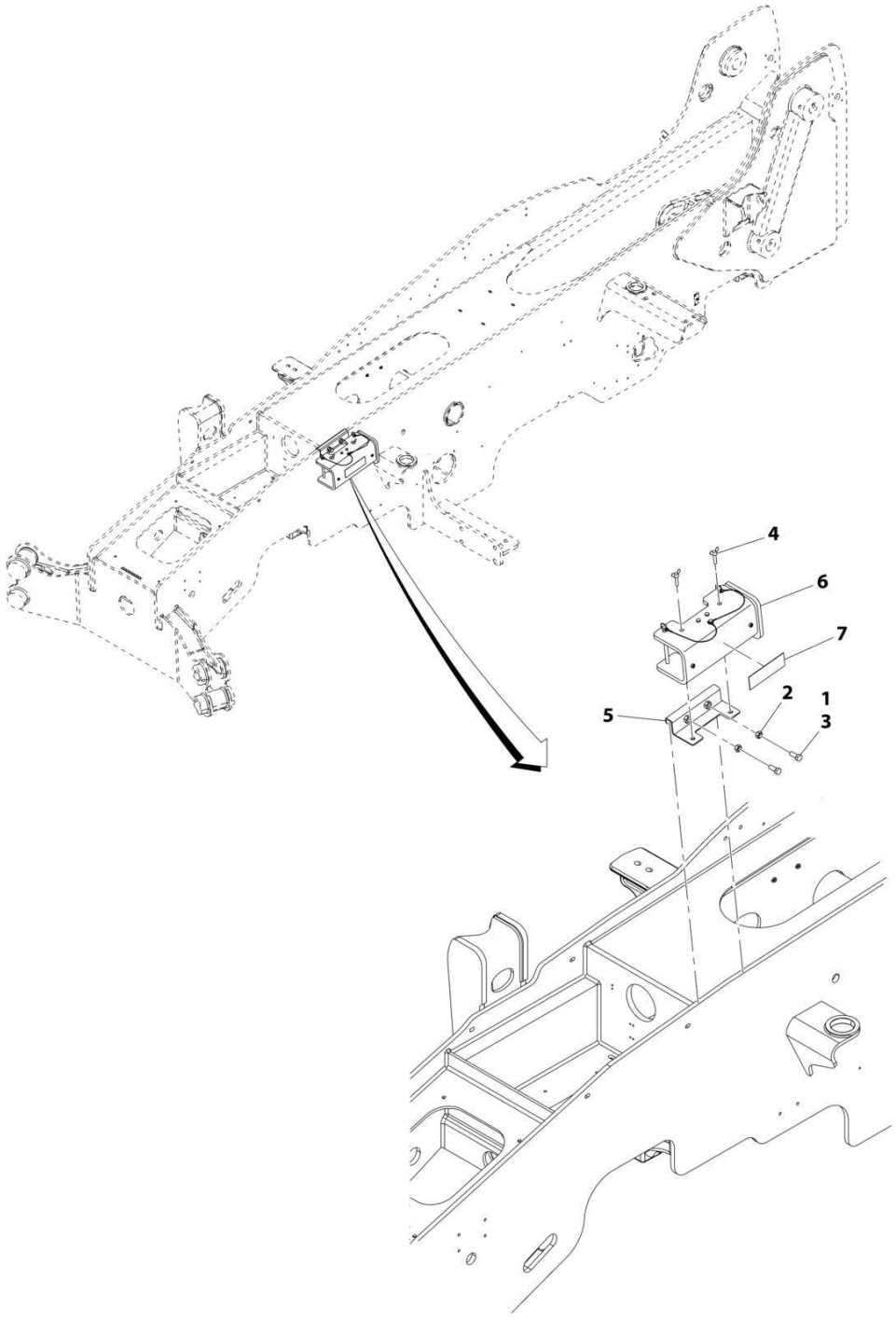


FIGURE 1-12. BOOM PROP INSTALLATION (CANADA)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001234139	Ref	Boom Prop Installation (Canada)	A
1	0761214	2	Bolt, M12X30	
2	3291201	2	Nut, M12X1.75	
3	1001095650	AR	Compound, Locking	
4	1001101458	2	Wing Bolt, M8X40	
5	1001232299	1	Bracket, Mount	
6	1001232336	Ref	Bracket, Boom Prop (See Separate Breakdown in this Section)	
7	1001234253	1	Decal, Warning	

FIGURE 1-13. BOOM PROP BRACKET

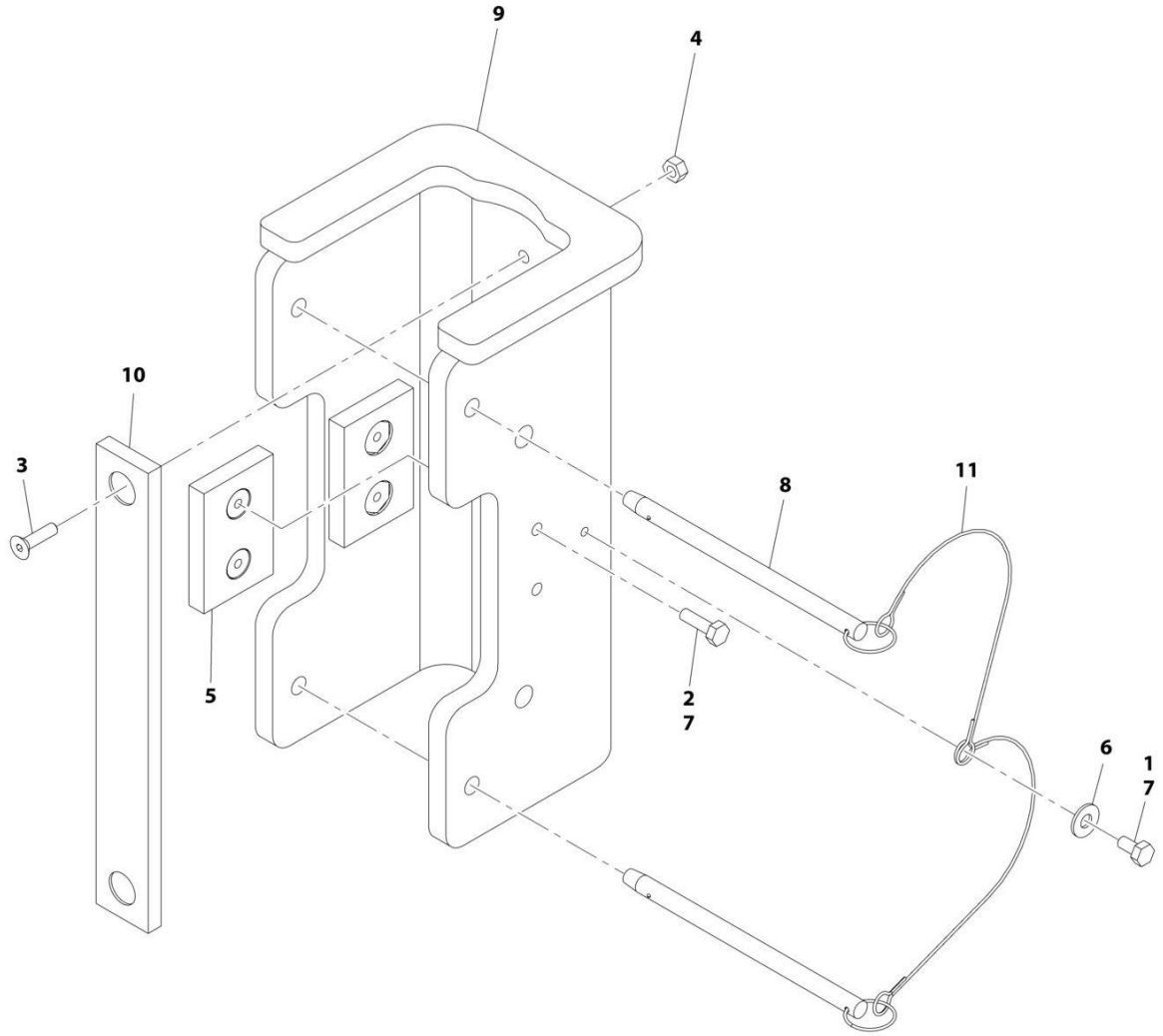


FIGURE 1-13. BOOM PROP BRACKET

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232336	Ref	Boom Prop Bracket	A
1	0641404	1	Bolt, 1/4-20X1/2	
2	0641407	4	Bolt, 1/4-20X7/8	
3	0741408	2	Bolt, 1/4-20	
4	3311405	2	Nut, Lock 1/4-20	
5	3340829	2	Pad, Wear	
6	4751400	1	Washer	
7	1001095650	AR	Compound, Locking	
8	1001164019	2	Pin, Ball Locking	
9	1001232588	1	Bracket	
10	4679000268	1	Pad, Wear	
11	1001164183	2	Lanyard, Boom Prop	

FIGURE 1-14. COUNTERWEIGHT INSTALLATION

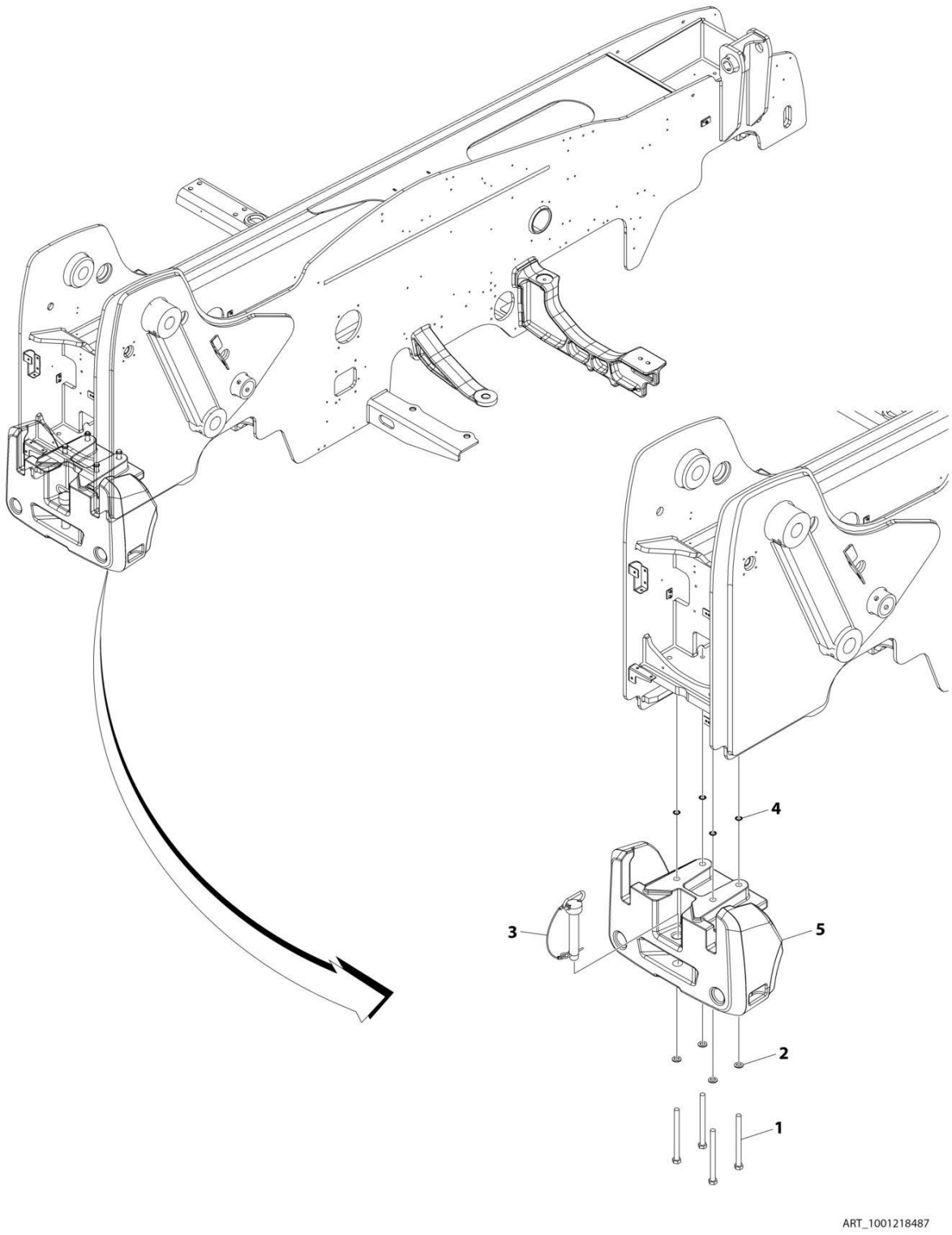


FIGURE 1-14. COUNTERWEIGHT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001218487	Ref	Counterweight Installation	B
1	0712042	4	Bolt, M20X250 Grade 10.9	
2	8310620	4	Washer, M20	
3	1001160250	1	Pin, Hitch	
4	1001218341	4	Washer	
5	1001177653J	1	Counterweight	

SECTION 2 - BOOM

FIGURE 2-1. BOOM ASSEMBLY

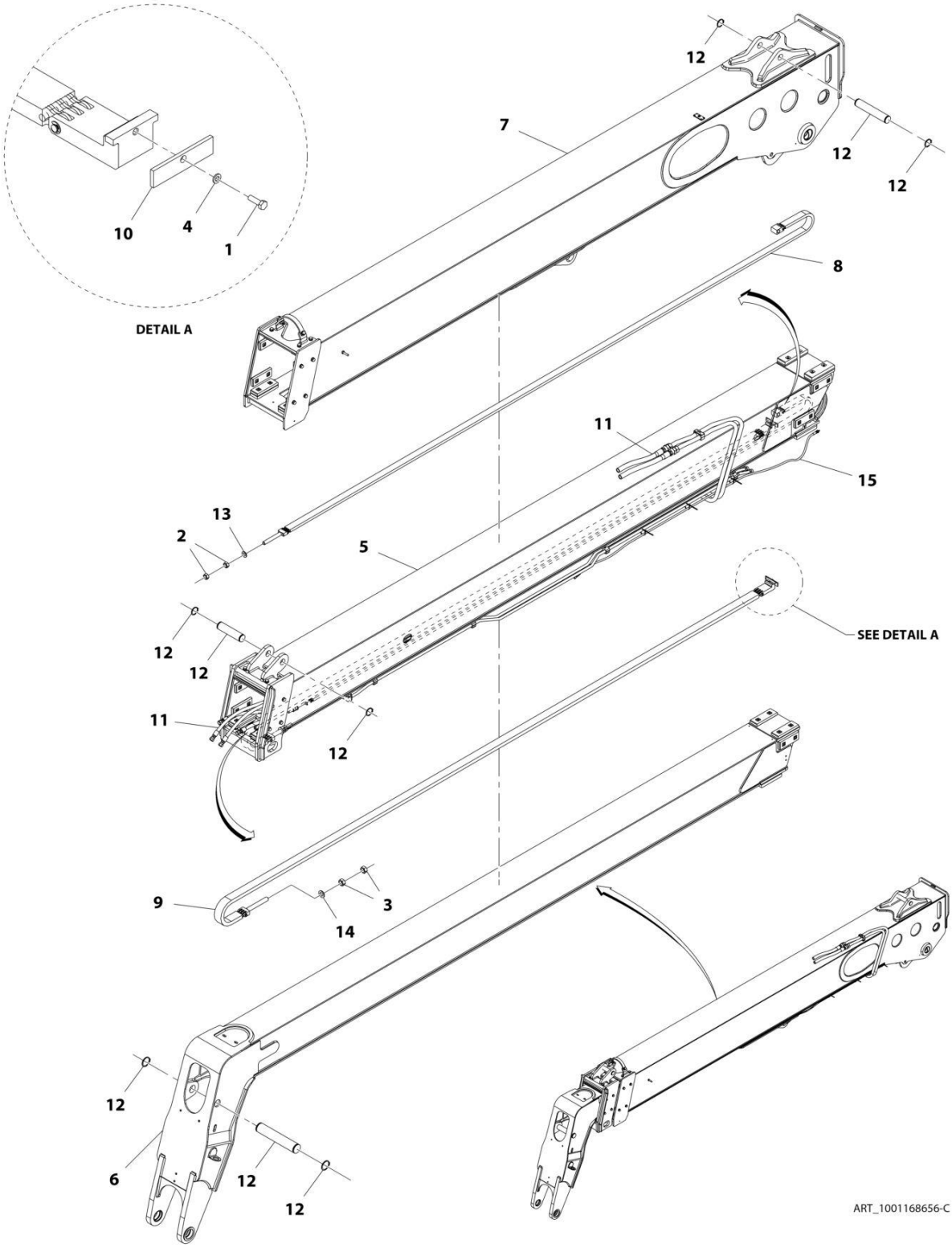


FIGURE 2-1. BOOM ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168656	1	Boom Assembly	C
1	0700610	1	Bolt, M6X20	
2	3332011	2	Nut, M20X2.5	
3	3332411	2	Nut, M24X3	
4	4811700	1	Washer, M6	
5	1001168574	1	Assembly, Second Boom Section (See Separate Breakdown in this Section)	
6	1001168735	1	Assembly, Third Boom Section (See Separate Breakdown in this Section)	
7	1001168963	1	Assembly, First Boom Section (See Separate Breakdown in this Section)	
8	1001169278	Ref	Installation, Retract Chain (See Separate Breakdown in this Section)	
9	1001169326	Ref	Installation, Extend Chain (See Separate Breakdown in this Section)	
10	1001171451	1	Plate	
11	1001173470	Ref	Installation, Boom Hydraulic Tubes (See Separate Breakdown in Hydraulic Circuits Section)	
12	1001173542	Ref	Installation Pins (See Separate Breakdown in this Section)	
13	4812500	1	Washer, M20	
14	4812700	1	Washer, M24	
15	1001186859	1	Hose	

FIGURE 2-2. FIRST BOOM SECTION ASSEMBLY

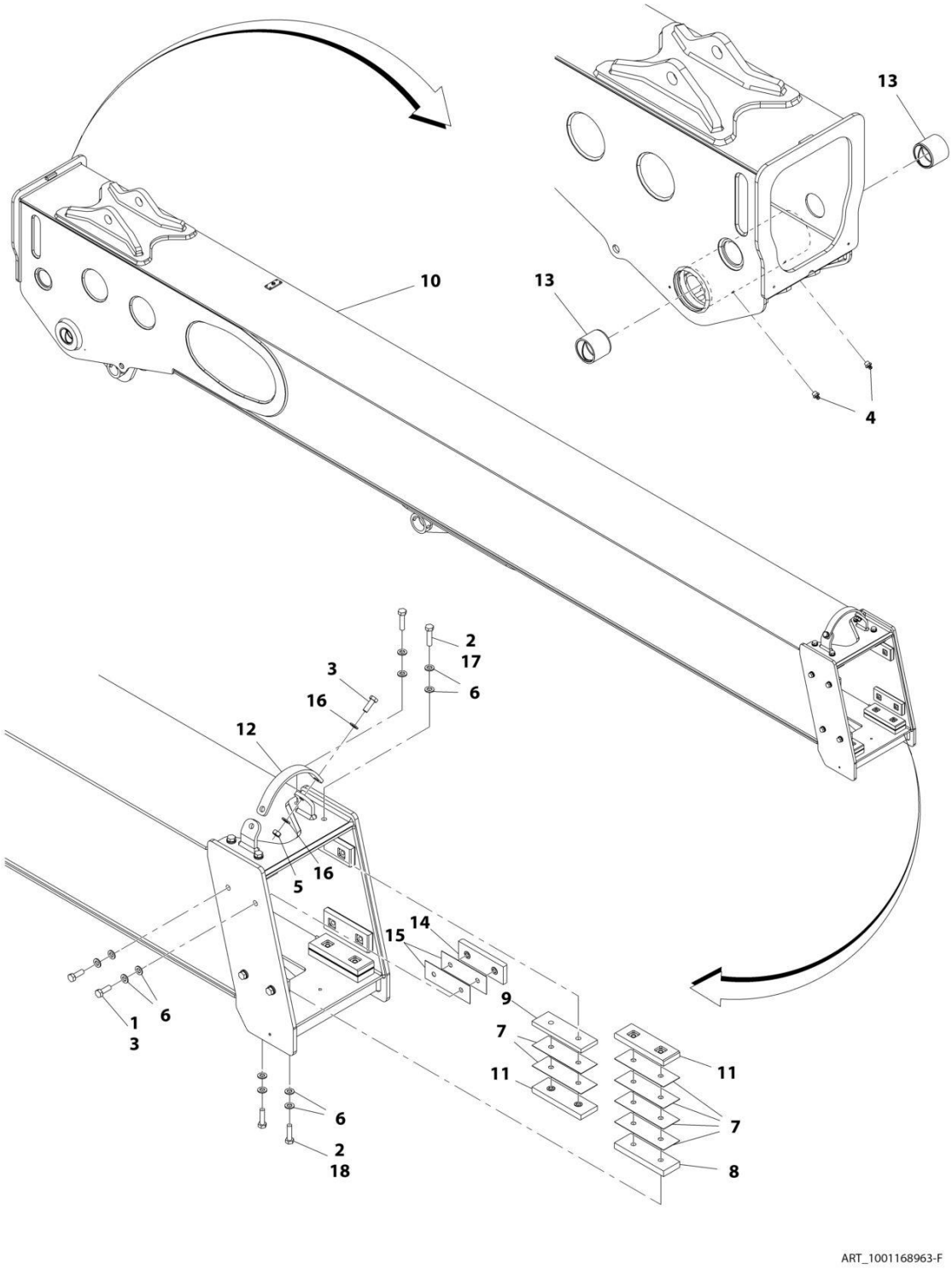


FIGURE 2-2. FIRST BOOM SECTION ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168963	Ref	First Boom Section Assembly	F
1	0711214	AR	Bolt, M12X30	
2	0711217	4	Bolt, M12X45	
3	0711215	10	Bolt, M12X35	
4	2160016	2	Fitting, Grease	
5	3291201	2	Nut, M12X1.75 Grade 8	
6	1001125117	AR	Washer, M12	
7	1001163034	AR	Plate	
8	1001163038	2	Plate	
9	1001163136	2	Plate	
10	1001168964J	1	Boom, First	
11	1001165171	4	Pad	
12	1001168987	1	Strap	
13	1001188246	2	Bearing, Boom Pivot	
14	1001165172	4	Pad	
15	1001165367	AR	Plate	
16	4812100	4	Washer, M12	
17	0711218	4	Bolt, 12X50 Grade 10.9	
18	0711216	AR	Bolt, M12X40 Grade 10.9	

FIGURE 2-3. SECOND BOOM SECTION ASSEMBLY

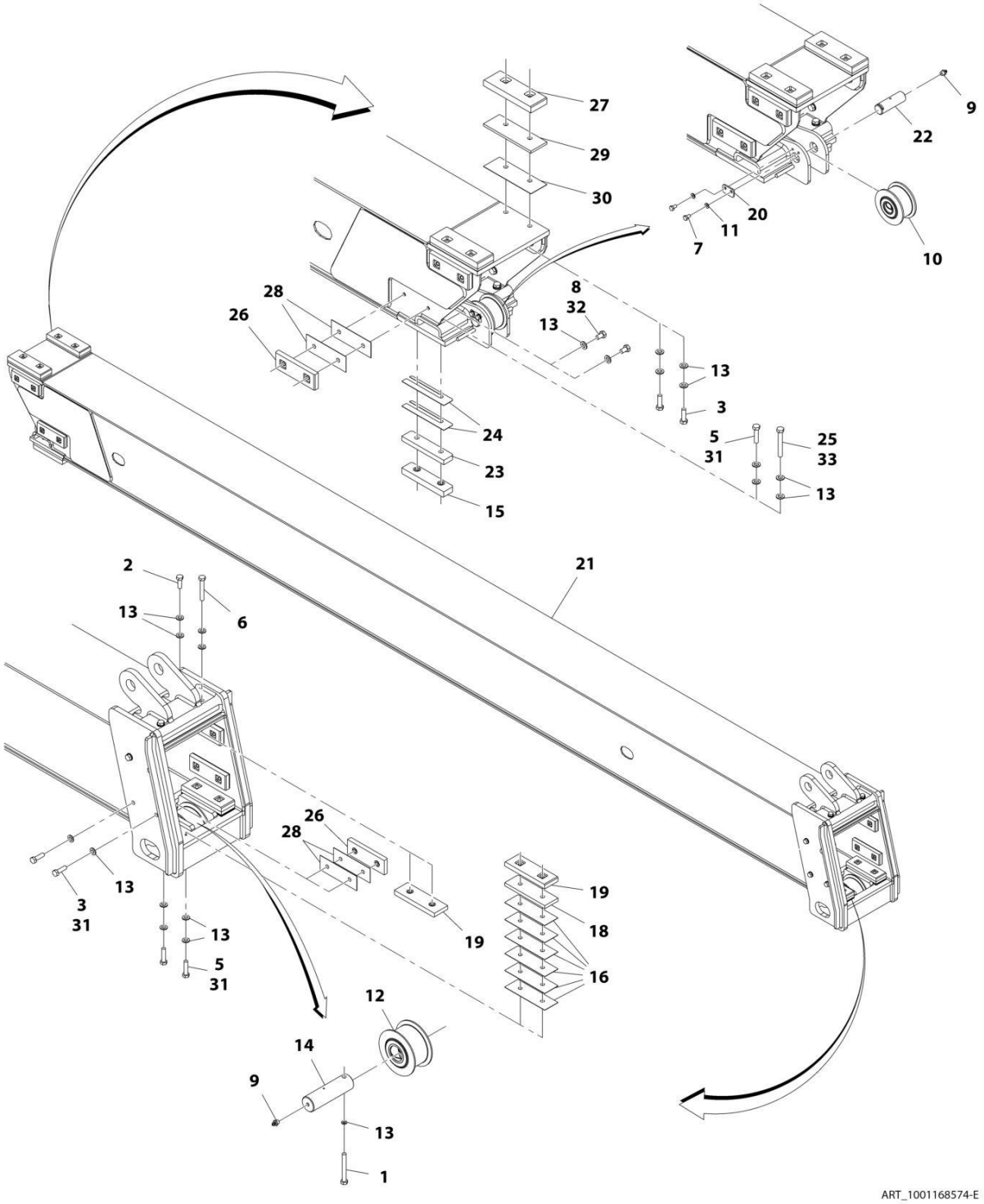


FIGURE 2-3. SECOND BOOM SECTION ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168574	Ref	Second Boom Section Assembly	E
1	0701227	1	Bolt, M12X100	
2	0711215	2	Bolt, M12X35 Grade 10.9	
3	0711216	12	Bolt, M12X40 Grade 10.9	
5	0711218	6	Bolt, M12X50 Grade 10.9	
6	0711224	2	Bolt, M12X80 Grade 10.9	
7	0760807	2	Bolt, M8X14	
8	0771210	8	Bolt, M12X20 Grade 10.9	
9	2160016	2	Fitting, Grease	
10	7138986	1	Sheave, Retract Chain (See Separate Breakdown in this Section)	
11	4811900	2	Washer, M8	
12	1001101867	1	Assembly, Chain Sheave (See Separate Breakdown in this Section)	
13	1001125117	AR	Washer, M12	
14	1001161055	1	Pin	
15	1001163029	2	Pad	
16	1001163034	AR	Plate	
18	1001163136	2	Plate	
19	1001165171	4	Pad	
20	1001168561	1	Bracket	
21	1001168575	1	Boom, Second	
22	1001168587	1	Pin, Boom Chain Pulley	
23	1001189492	2	Plate	
24	1001189793	AR	Shim	
25	0711226	2	Bolt, M12X90 Grade 10.9	
26	1001165172	8	Pad	
27	1001165173	2	Pad	
28	1001165367	AR	Plate	
29	1001190187	2	Plate	
30	1001163108	AR	Plate	
31	0711217	AR	Bolt, M12X45	
32	0771212	AR	Bolt, M12X25	
33	0711225	AR	Bolt, M12X85	

FIGURE 2-4. THIRD BOOM SECTION ASSEMBLY

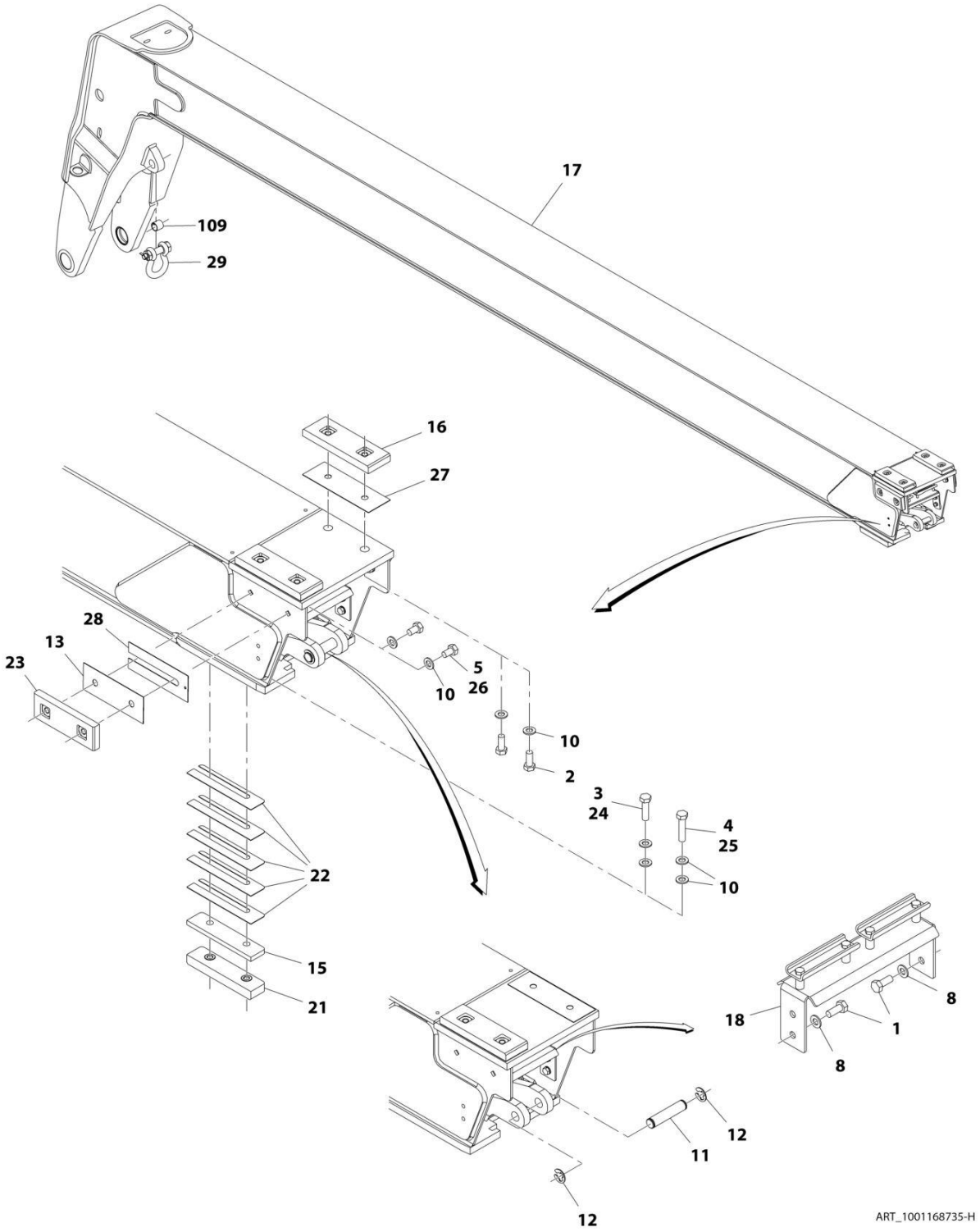


FIGURE 2-4. THIRD BOOM SECTION ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168735	Ref	Third Boom Section Assembly	H
1	0760810	4	Bolt, M8X20	
2	0711214	4	Bolt, M12X30 Grade 10.9	
3	0711217	2	Bolt, M12X45	
4	0711219	2	Bolt, M12X55 Grade 10.9	
5	0771210	4	Bolt, M12X20 Grade 10.9	
8	4811900	4	Washer, M8	
10	1001125117	AR	Washer, M12	
11	1001163712	1	Pin	
12	1001163704	2	Ring, M15	
13	1001165367	AR	Plate	
15	1001168589	2	Plate	
16	1001165171	2	Pad	
17	1001168736	1	Boom, Third Section	
18	1001168755	Ref	Installation, Hose Bracket (See Separate Breakdown in this Section)	
21	1001163029	2	Pad	
22	1001189793	AR	Shim	
23	1001165172	2	Pad	
24	0711216	AR	Bolt, M12X40 Grade 10.9	
25	0711218	AR	Bolt, M12X50 Grade 10.9	
26	0771212	AR	Bolt, M12X25 Grade 10.9	
27	1001163034	AR	Plate	
28	1001200989	AR	Plate	
29	1001204045	1	Clevis	
109	1001204047	1	Sleeve	

FIGURE 2-5. RETRACT CHAIN INSTALLATION

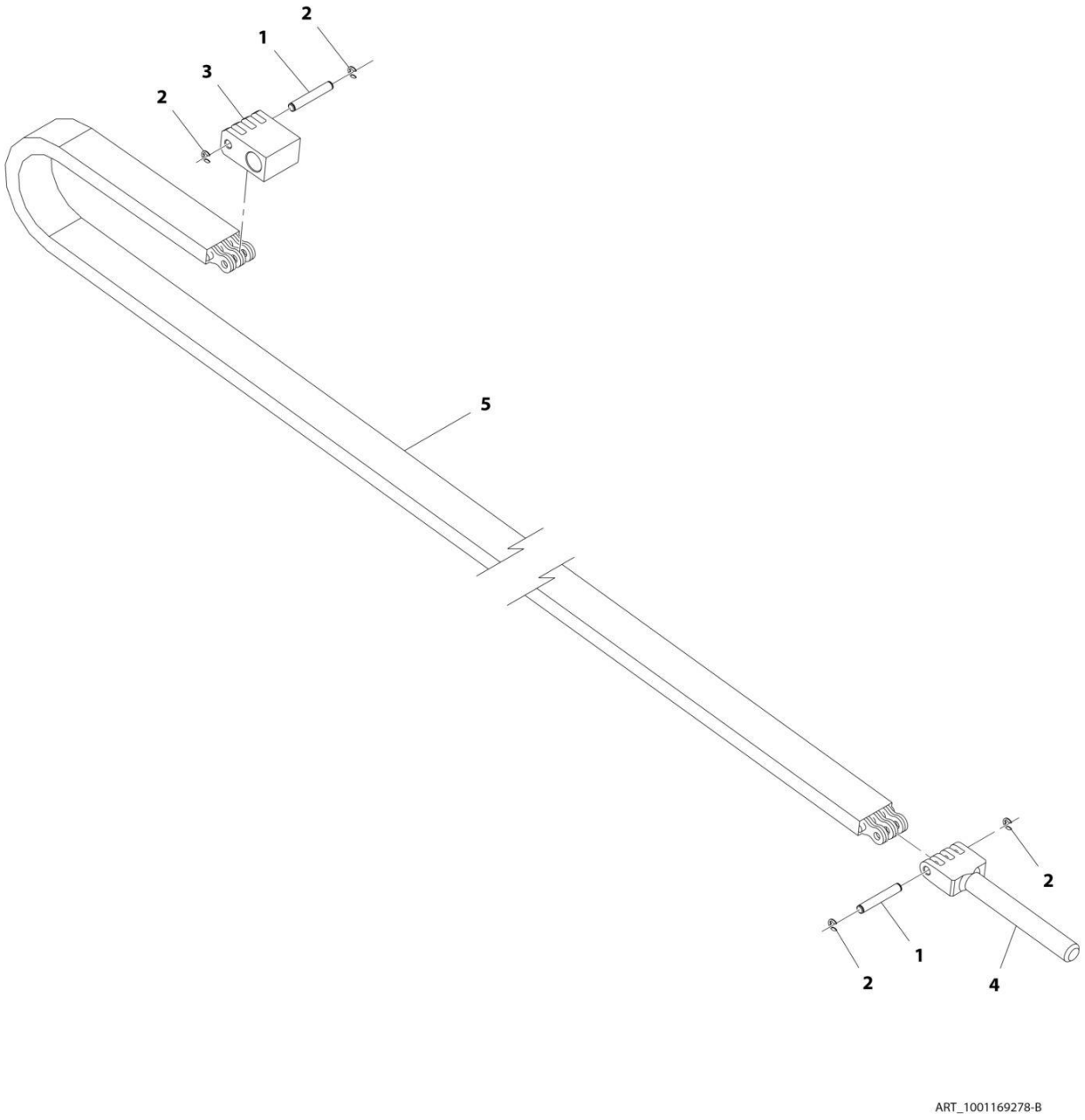


FIGURE 2-5. RETRACT CHAIN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169278	Ref	Retract Chain Installation	B
1	1001187785	2	Pin, Clevis	
2	1001166163	4	Ring, External M6	
3	1001166233	1	Clevis, Chain	
4	1001166235	1	Clevis, Chain	
5	1001169279	1	Chain, Retract	

FIGURE 2-6. EXTEND CHAIN INSTALLATION

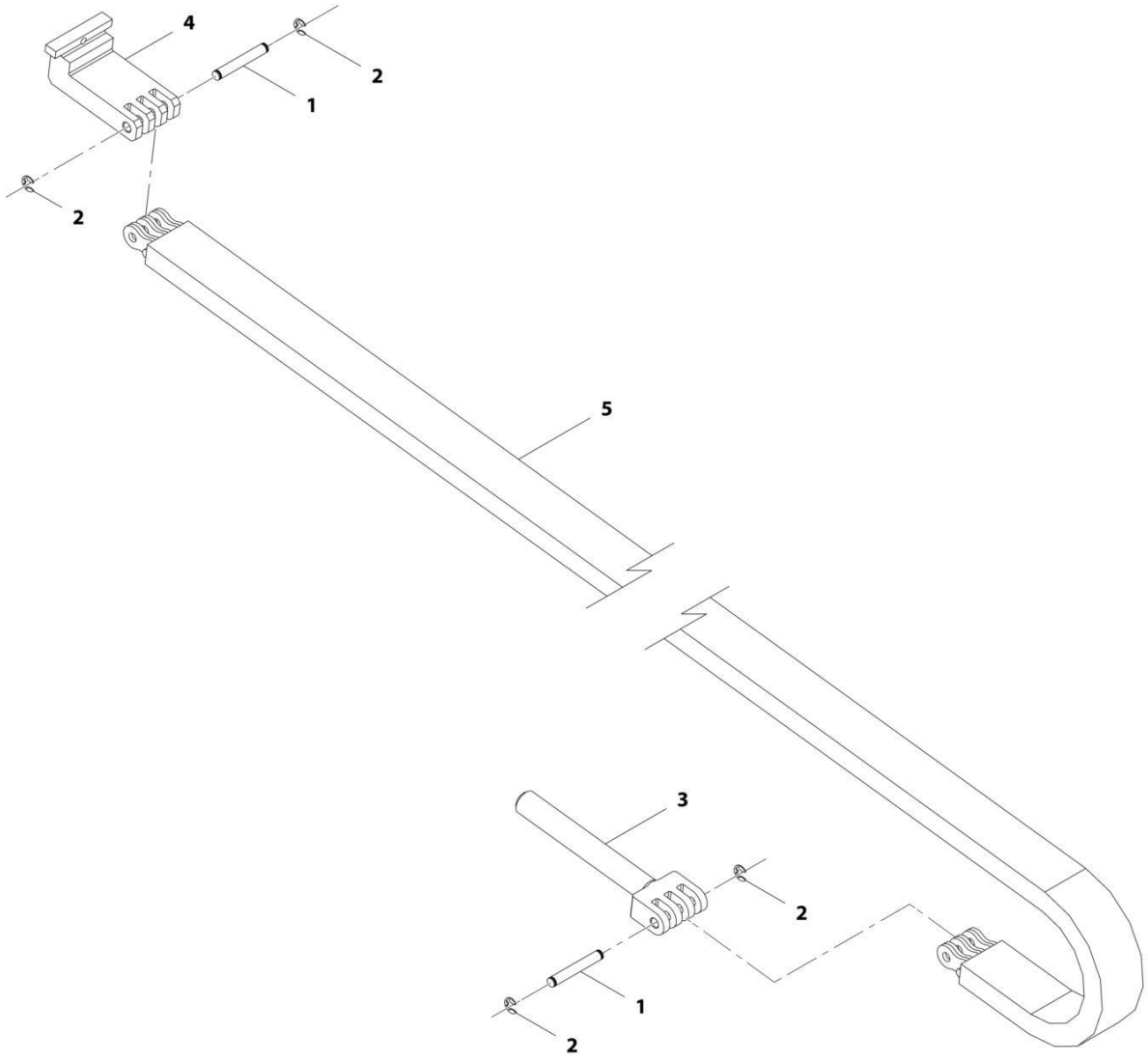


FIGURE 2-6. EXTEND CHAIN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169326	Ref	Extend Chain Installation	A
1	1001163841	2	Pin, Clevis	
2	1001164039	4	Ring, External M8	
3	1001165590	1	Clevis, Chain	
4	1001165739	1	Clevis, Chain	
5	1001169327	1	Chain, Extend	

FIGURE 2-7. PINS INSTALLATION

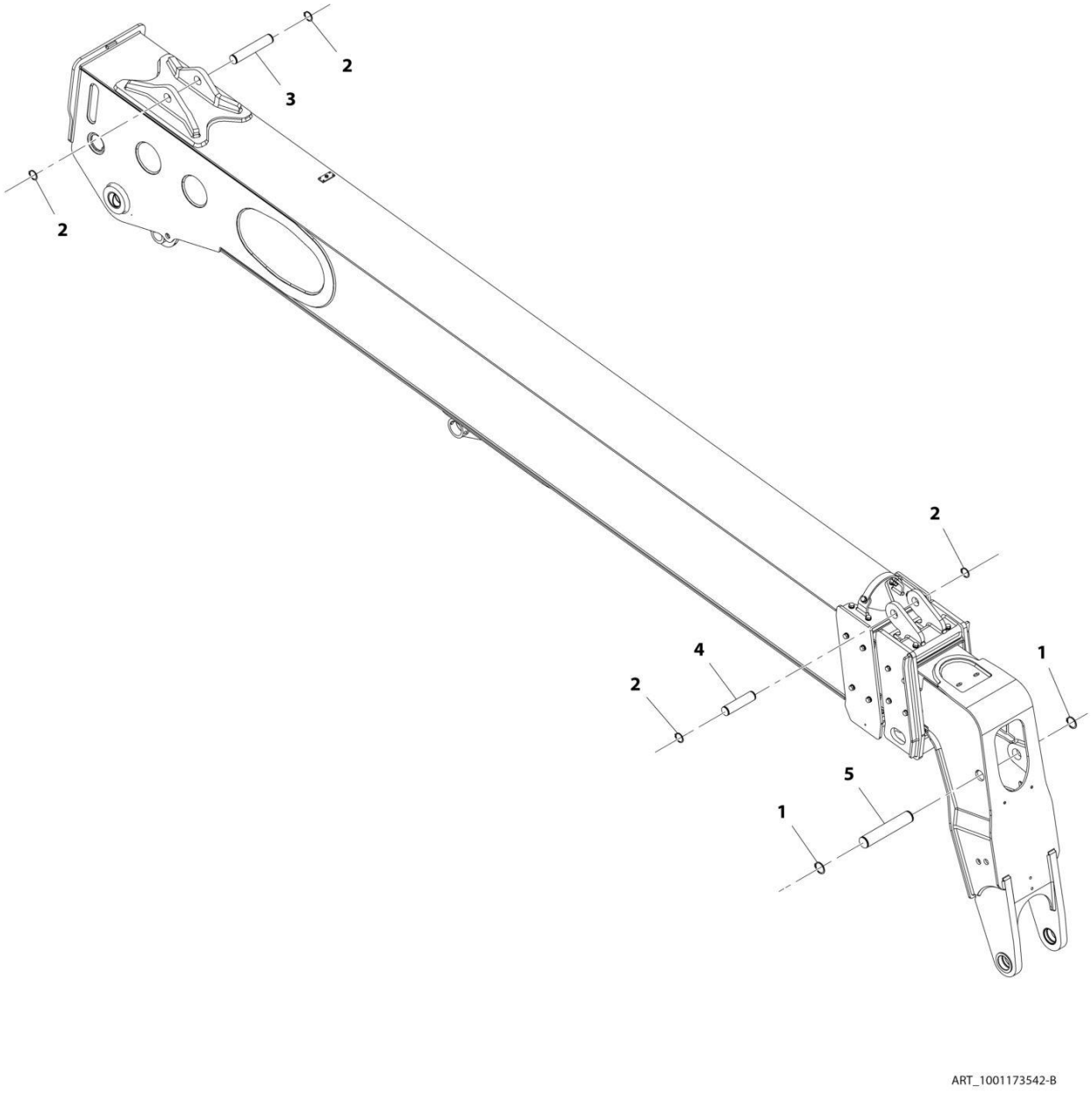


FIGURE 2-7. PINS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173542	Ref	Pins Installation	B
1	3760493	2	Ring, Retaining M5	
2	3760491	4	Ring, Retaining M40	
3	1001173543	1	Pin	
4	1001173544	1	Pin	
5	1001174726	1	Pin, Tilt Cylinder	

FIGURE 2-8. RETRACT CHAIN SHEAVE

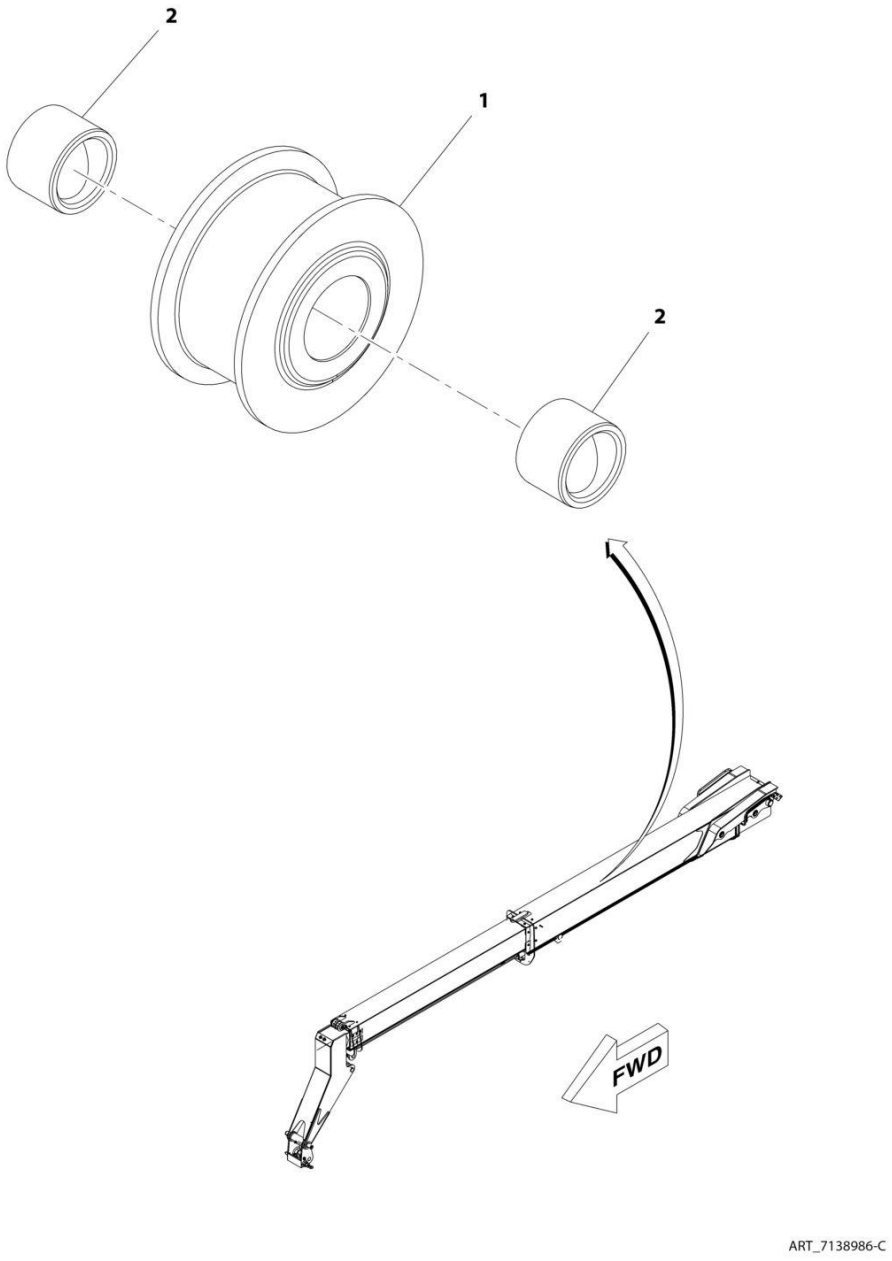


FIGURE 2-8. RETRACT CHAIN SHEAVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7138986	Ref	Retract Chain Sheave	C
1	7138978	NSS	Sheave, Retract Chain (Use PN 713898)	
2	7138979	2	Bushing, Sheave Retract Chain	

FIGURE 2-9. CHAIN SHEAVE ASSEMBLY

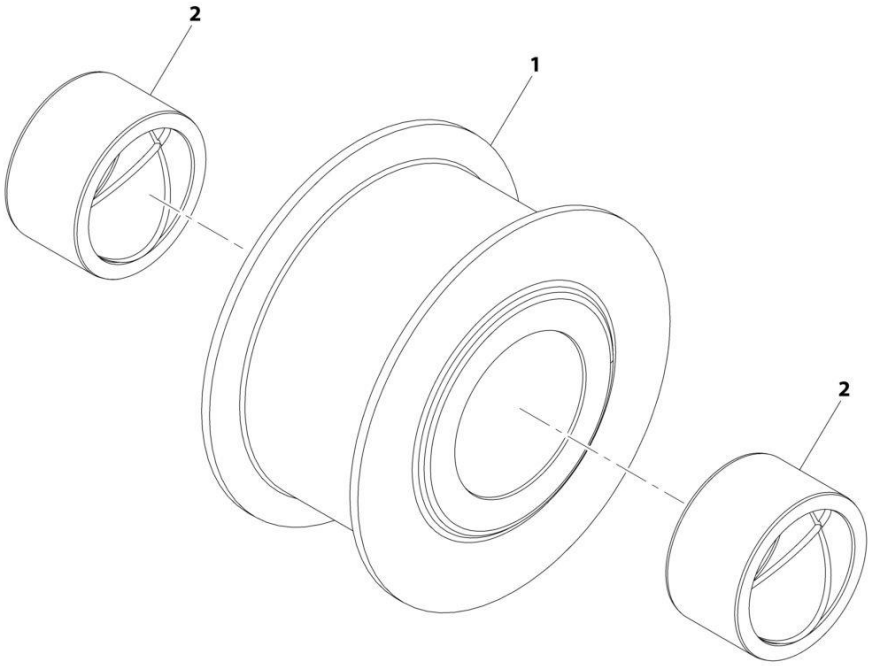


FIGURE 2-9. CHAIN SHEAVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001101867	Ref	Chain Sheave Assembly	B
1	7114032	1	Sheave, Chain	
2	7117502	2	Bushing, Sheave Chain	

FIGURE 2-10. HOSE BRACKET INSTALLATION

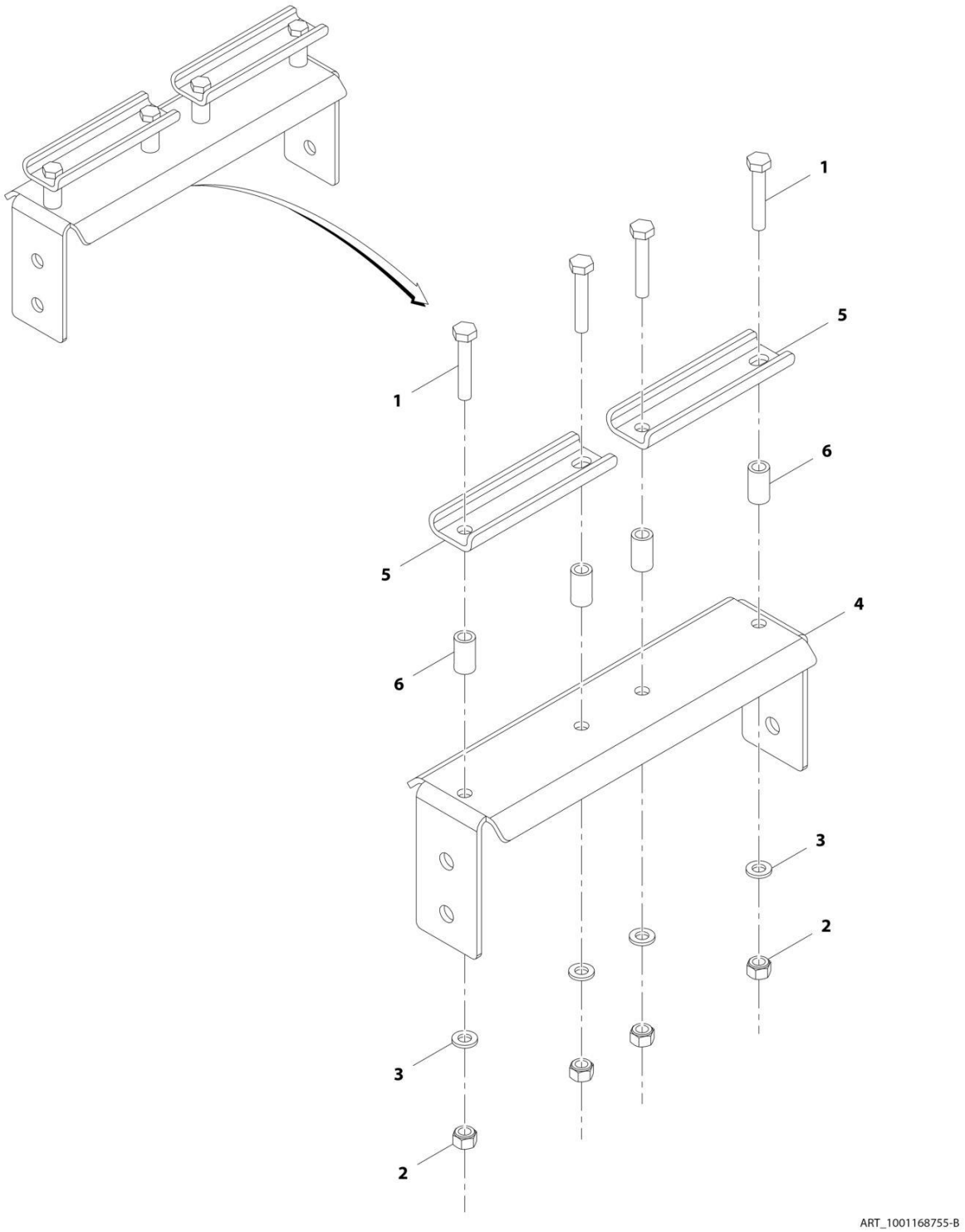


FIGURE 2-10. HOSE BRACKET INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168755	Ref	Hose Bracket Installation	B
1	0760615	4	Bolt, M6X35	
2	3290605	4	Nut, Lock M6X1 Grade 8	
3	4811700	4	Washer, M6	
4	1001168757	1	Bracket	
5	1001169209	2	Plate	
6	1001169214	4	Spacer	

FIGURE 2-11. BOOM PINNING INSTALLATION

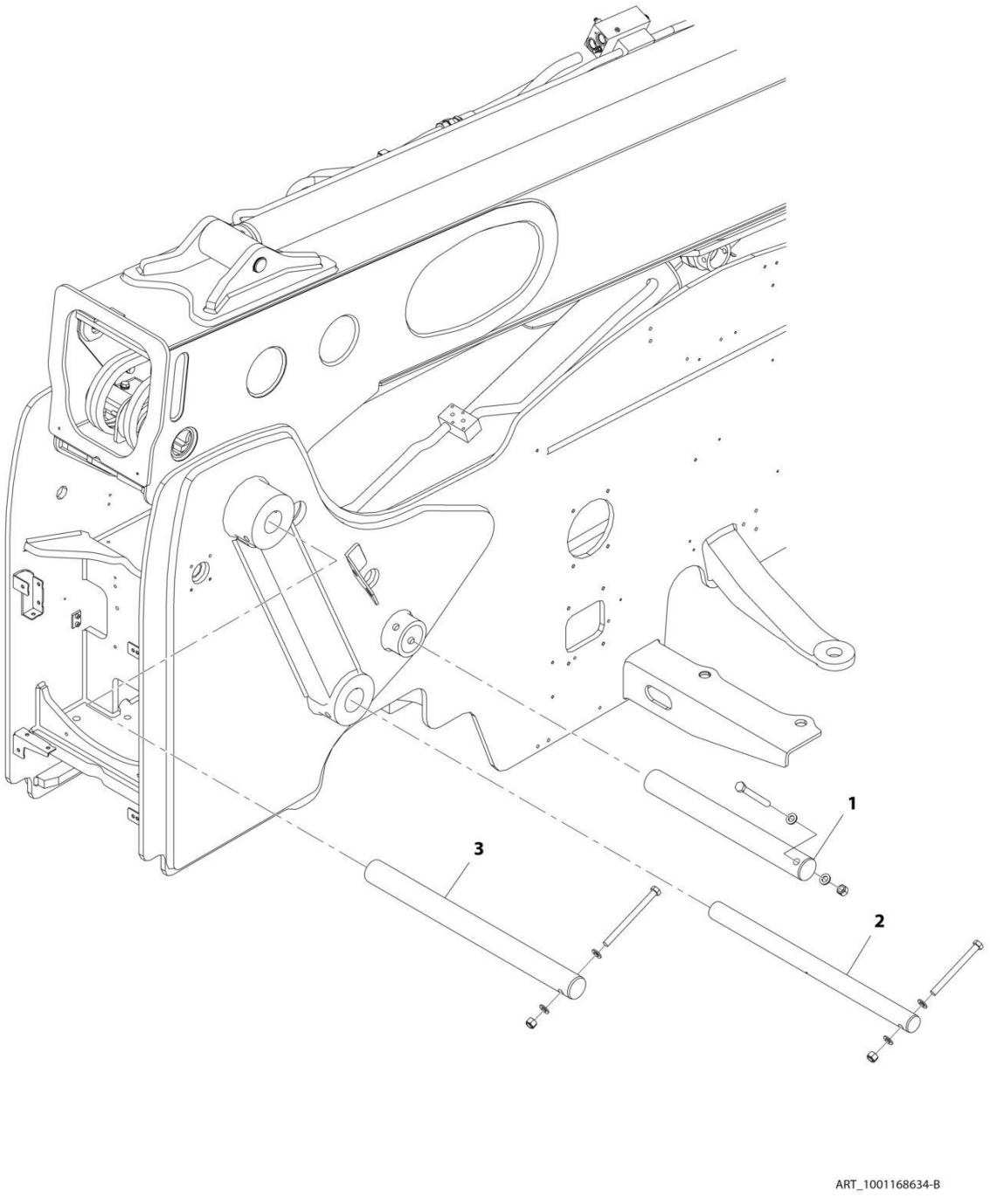


FIGURE 2-11. BOOM PINNING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168634	Ref	Boom Pinning Installation	C
1	1001173111	Ref	Installation, Lift Cylinder Pins (See Separate Breakdown in this Section)	
2	1001173114	Ref	Installation, Compensation Cylinder Pins (See Separate Breakdown in this Section)	
3	1001173117	Ref	Installation, Boom Pivot Pin (See Separate Breakdown in this Section)	

FIGURE 2-12. LIFT CYLINDER PINS INSTALLATION

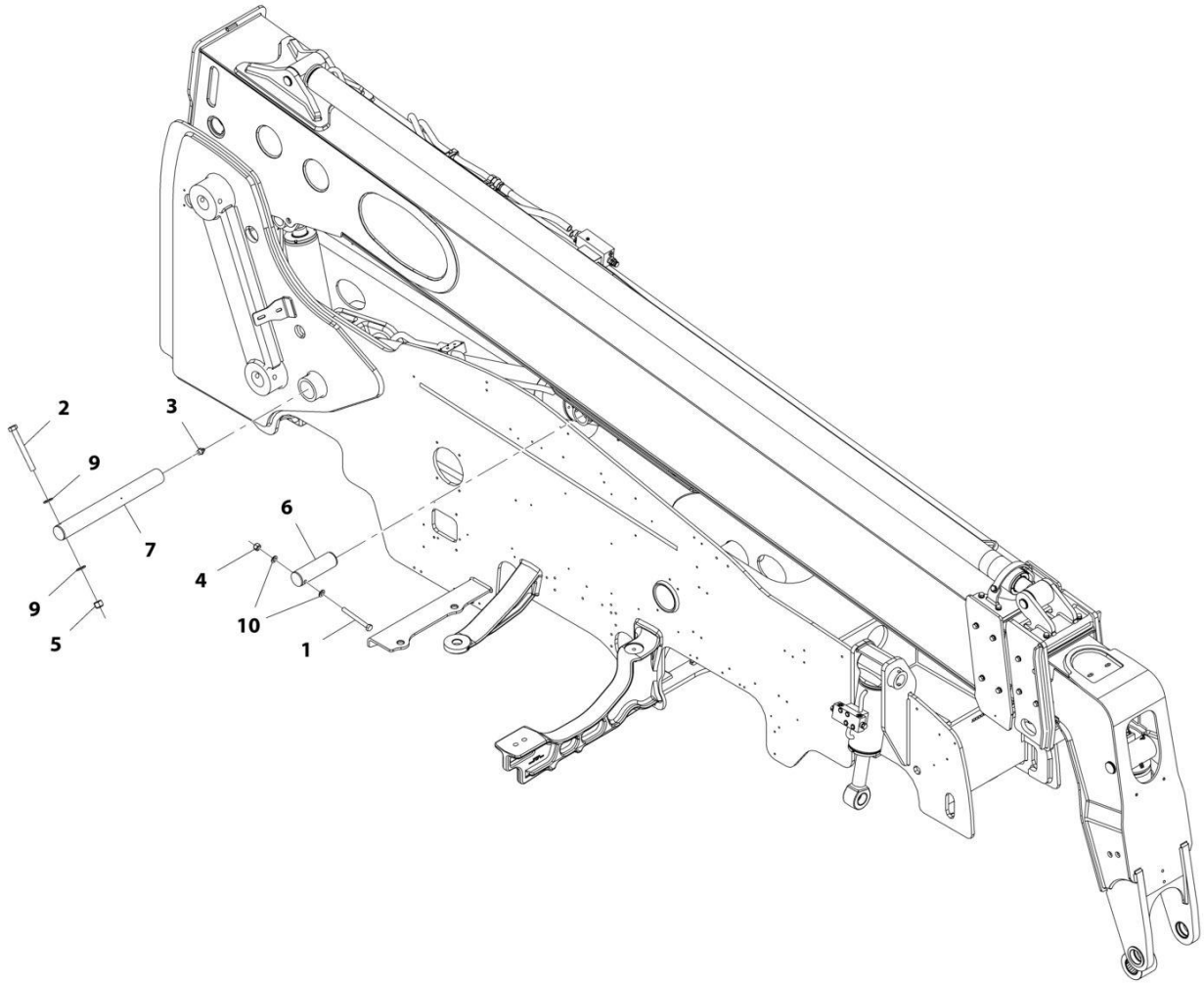


FIGURE 2-12. LIFT CYLINDER PINS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173111	Ref	Lift Cylinder Pins Installation	F
1	0711228	1	Bolt, M12X110	
2	0711631	1	Bolt, M16X140	
3	2160016	1	Fitting, Grease	
4	3291205	1	Nut, Lock M12X1.75 Grade 8	
5	3291605	1	Nut, Lock M16X2 Grade 8	
6	1001205336	1	Pin, Cylinder	
7	1001173113	1	Pin, Cylinder	
9	4812300	2	Washer, M16	
10	4812100	2	Washer, M12	

FIGURE 2-13. COMPENSATION CYLINDER PINS INSTALLATION

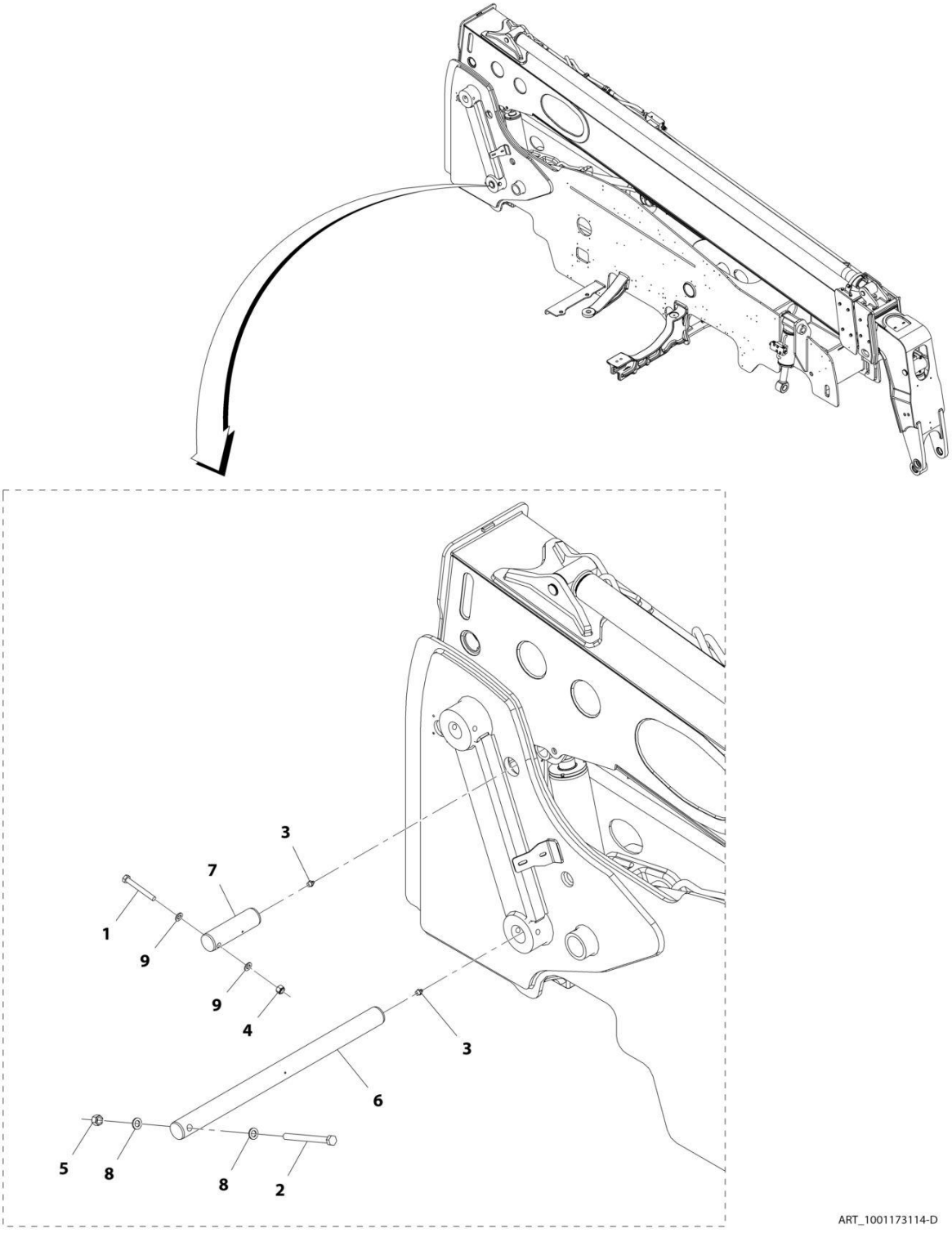


FIGURE 2-13. COMPENSATION CYLINDER PINS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173114	Ref	Compensation Cylinder Pins Installation	D
1	0711227	1	Bolt, M12X100 Grade 10.9	
2	0711635	1	Bolt, M16X180 Grade 10.9	
3	2160016	2	Fitting, Grease	
4	3291205	1	Nut, Lock M12X1.75 Grade 8	
5	3291605	1	Nut, Lock M16X2 Grade 8	
6	1001173115	1	Pin, Cylinder Base	
7	1001173116	1	Pin, Cylinder End	
8	4812300	2	Washer, M16	
9	4812100	2	Washer, M12	

FIGURE 2-14. BOOM PIVOT PIN INSTALLATION

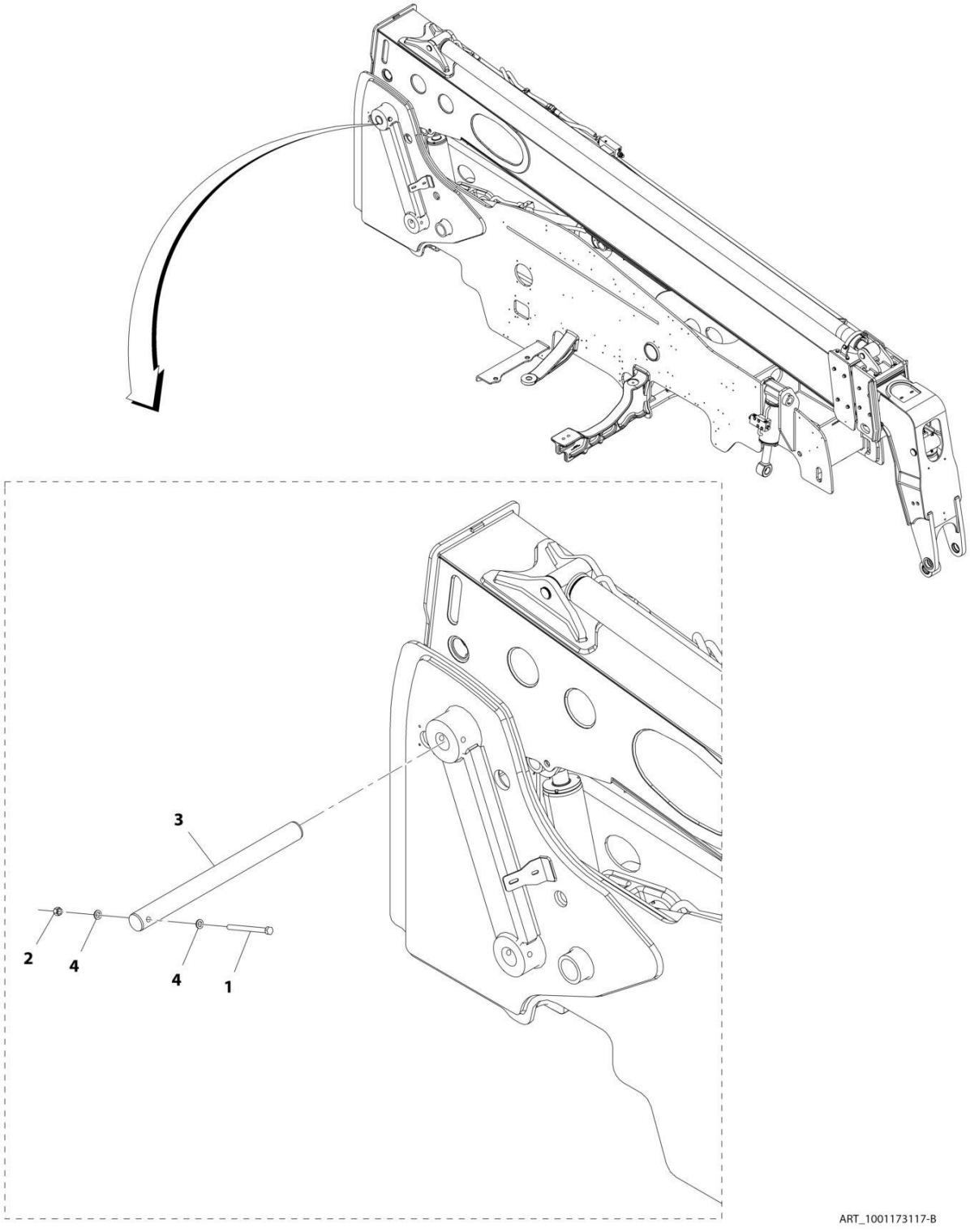
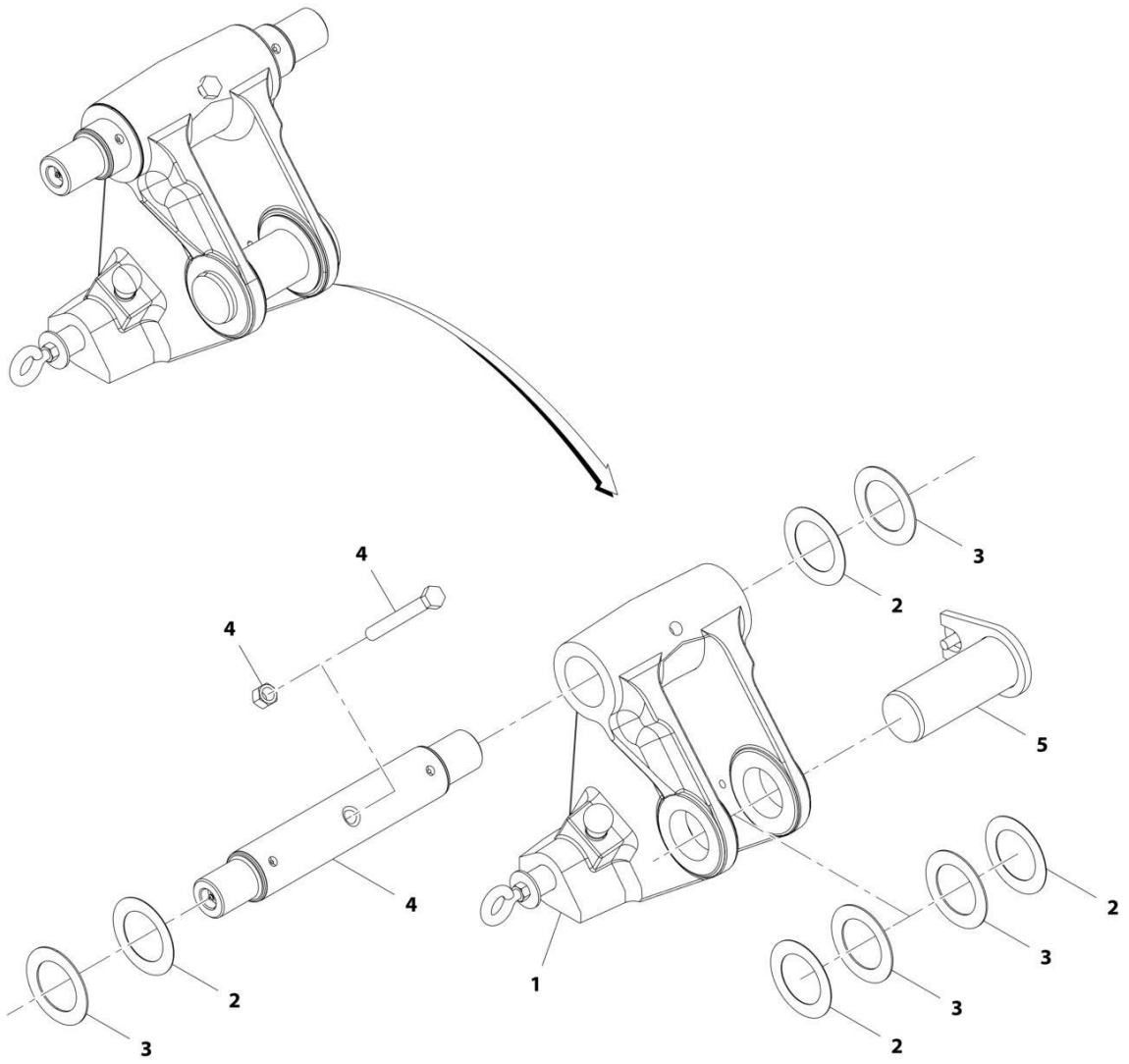


FIGURE 2-14. BOOM PIVOT PIN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173117	Ref	Boom Pivot Pin Installation	C
1	1001091951	1	Bolt, M16X200	
2	3291605	1	Nut, Lock M16X2 Grade 8	
3	1001173118	1	Pin	
4	4812300	2	Washer, M16	

FIGURE 2-15. MANUAL QUICK COUPLER INSTALLATION



ART_1001170628-A

FIGURE 2-15. MANUAL QUICK COUPLER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170628	Ref	Manual Quick Coupler Installation	A
1	1001171764	1	Coupling, Quick Connect (See Separate Breakdown in this Section)	
2	1001164884	AR	Shim	
3	1001164885	AR	Shim	
4	1001167761	Ref	Installation, Boom Pin (See Separate Breakdown in this Section)	
5	1001167762	Ref	Installation, Tilt Cylinder Pin (See Separate Breakdown in this Section)	

FIGURE 2-16. HYDRAULIC QUICK COUPLER INSTALLATION

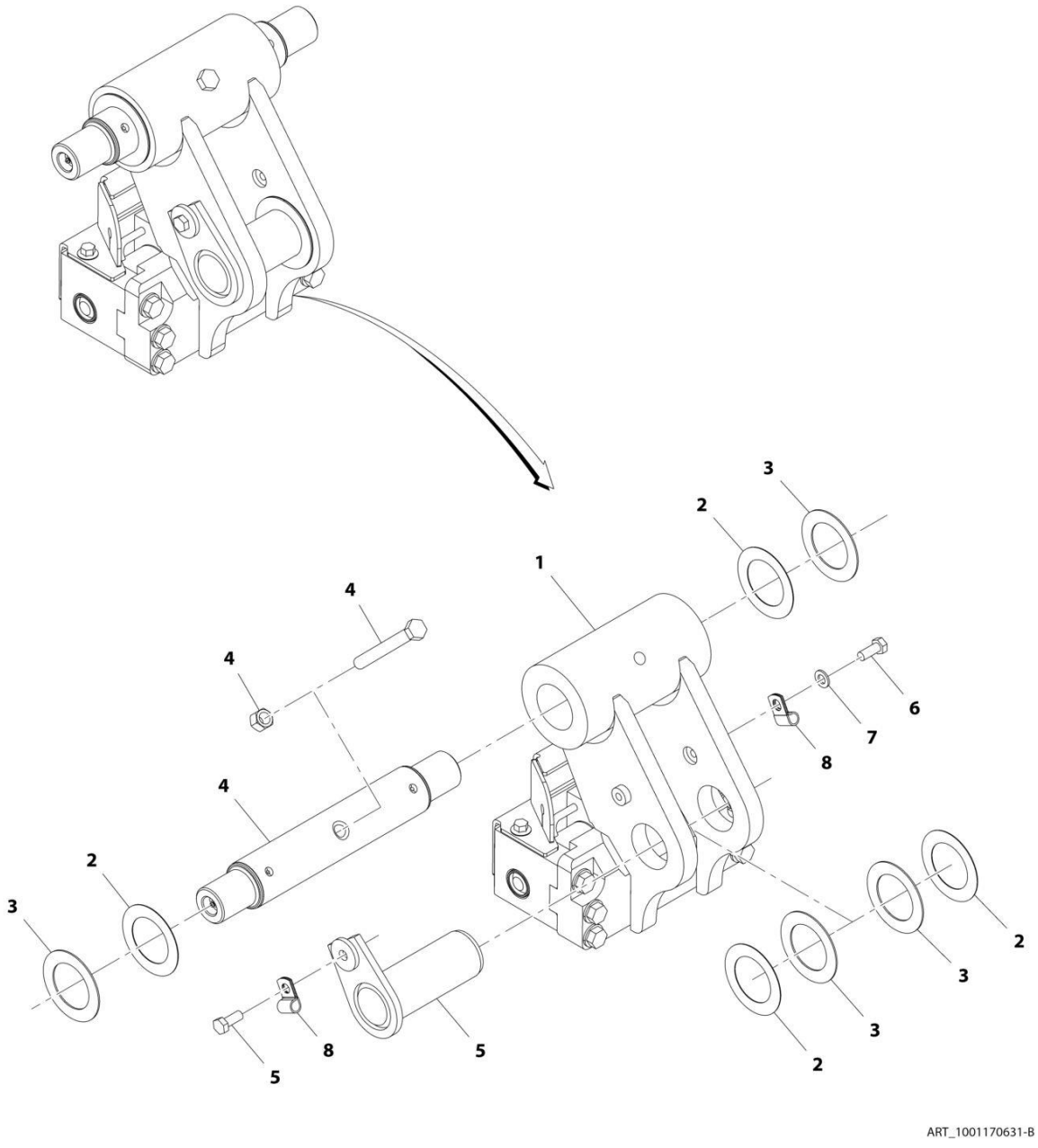


FIGURE 2-16. HYDRAULIC QUICK COUPLER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170631	Ref	Hydraulic Quick Coupler Installation	B
1	1001172134	1	Assembly, Hydraulic Quick Coupler (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
2	1001164884	AR	Shim	
3	1001164885	AR	Shim	
4	1001167761	Ref	Installation, Boom Pin (See Separate Breakdown in this Section)	
5	1001167762	Ref	Installation, Tilt Cylinder Pin (See Separate Breakdown in this Section)	
6	0761214	1	Capscrew, M12X30	
7	4812100	1	Washer, M12	
8	1001080996	2	Clamp	

FIGURE 2-17. BOOM PIN INSTALLATION

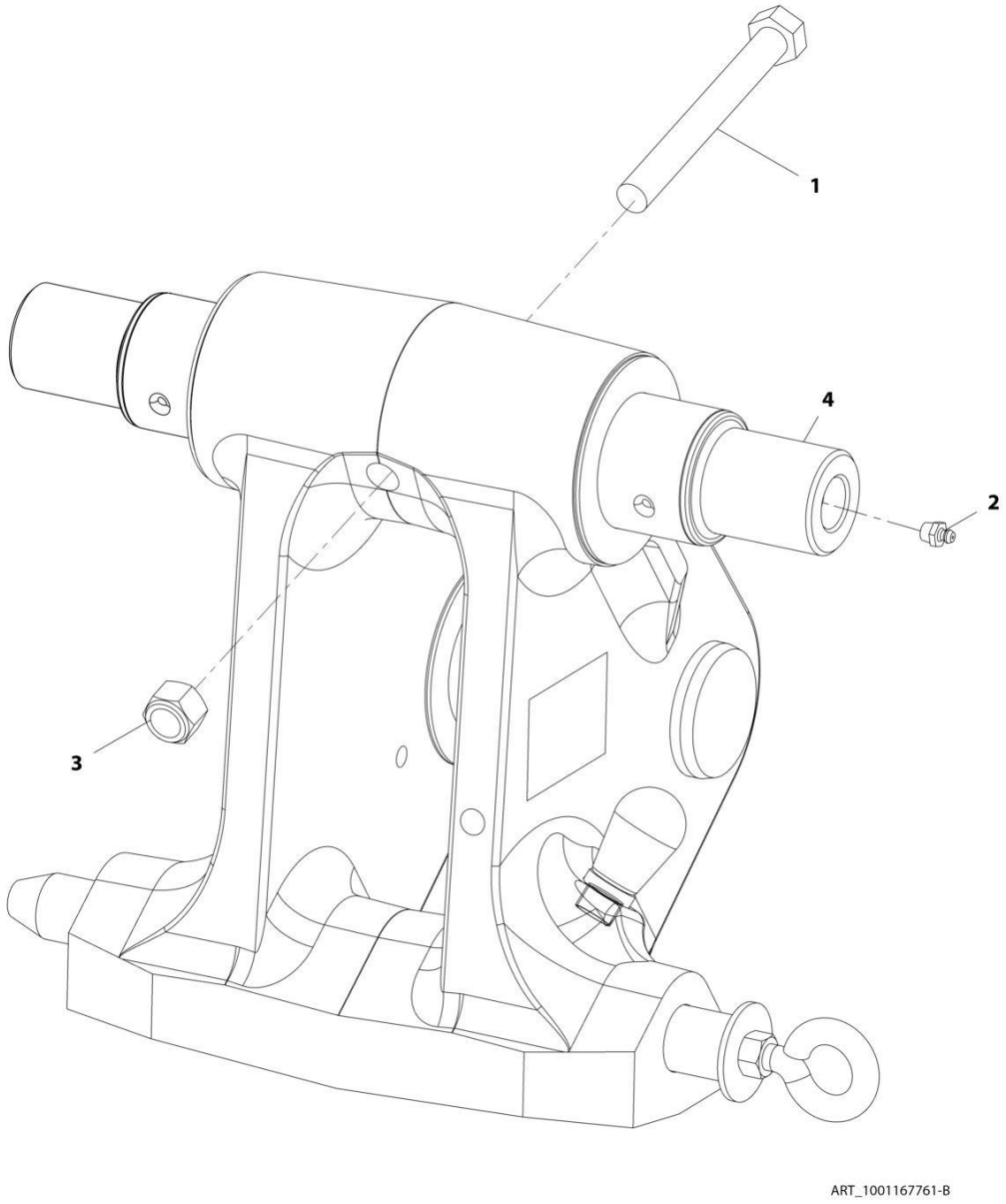


FIGURE 2-17. BOOM PIN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167761	Ref	Boom Pin Installation	B
1	0711631	1	Bolt, M16X140	
2	2160016	2	Fitting, Straight	
3	3291605	1	Nut, Lock M16X2	
4	1001164871	1	Pin	

FIGURE 2-18. TILT CYLINDER PIN INSTALLATION

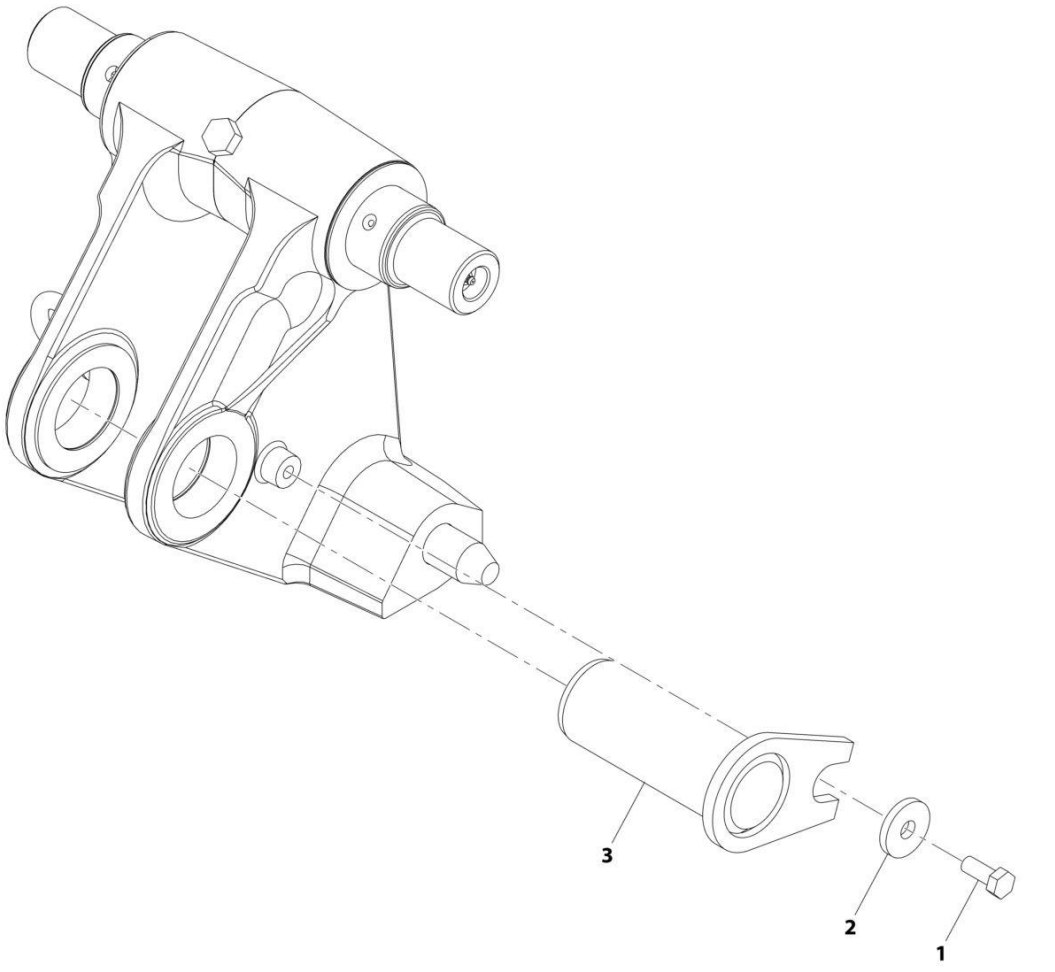


FIGURE 2-18. TILT CYLINDER PIN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167762	Ref	Tilt Cylinder Pin Installation	A
1	0761214	1	Bolt, M12X30	
2	4740003	1	Washer	
3	1001164881	1	Pin	

FIGURE 2-19. BOOM ANGLE INDICATOR INSTALLATION

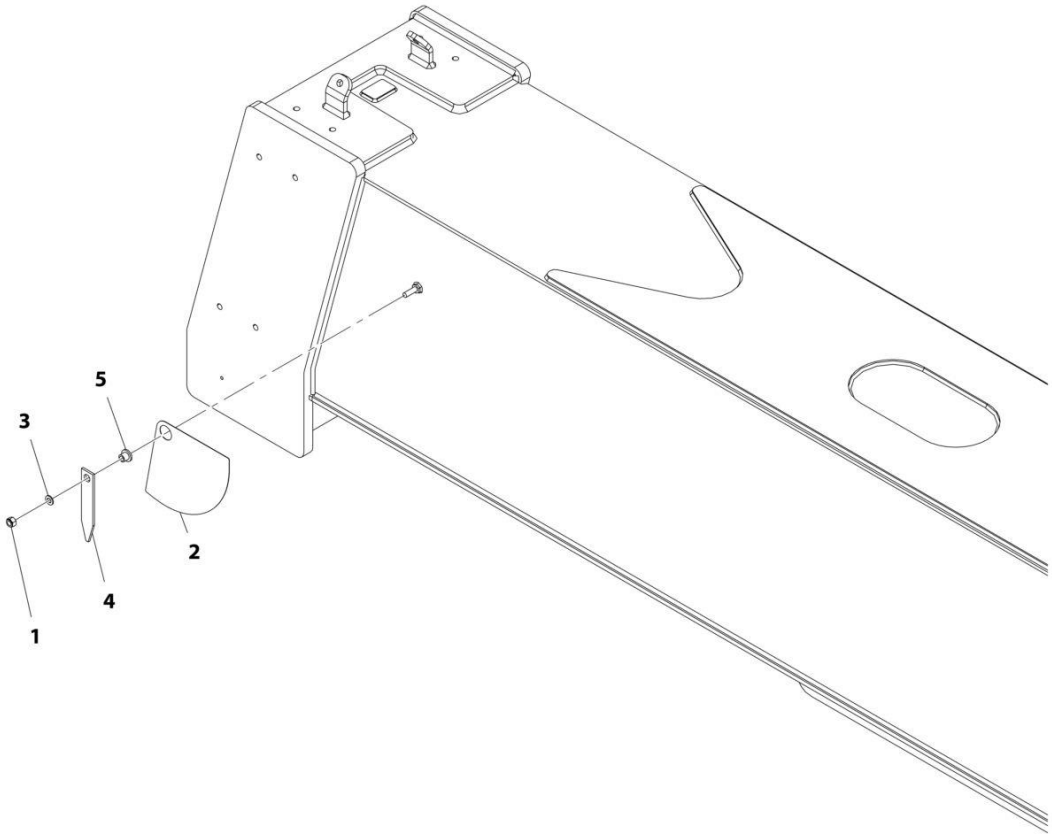


FIGURE 2-19. BOOM ANGLE INDICATOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167806	Ref	Boom Angle Indicator Installation	B
1	3291005	1	Nut, Lock M10X1.5 Grade 8	
2	4105262	1	Decal, Boom Angle Indicator	
3	4812000	1	Washer, M10	
4	1001098769	1	Plate	
5	1001171808	1	Spacer	

FIGURE 2-20. BOOM BRUSHES INSTALLATION

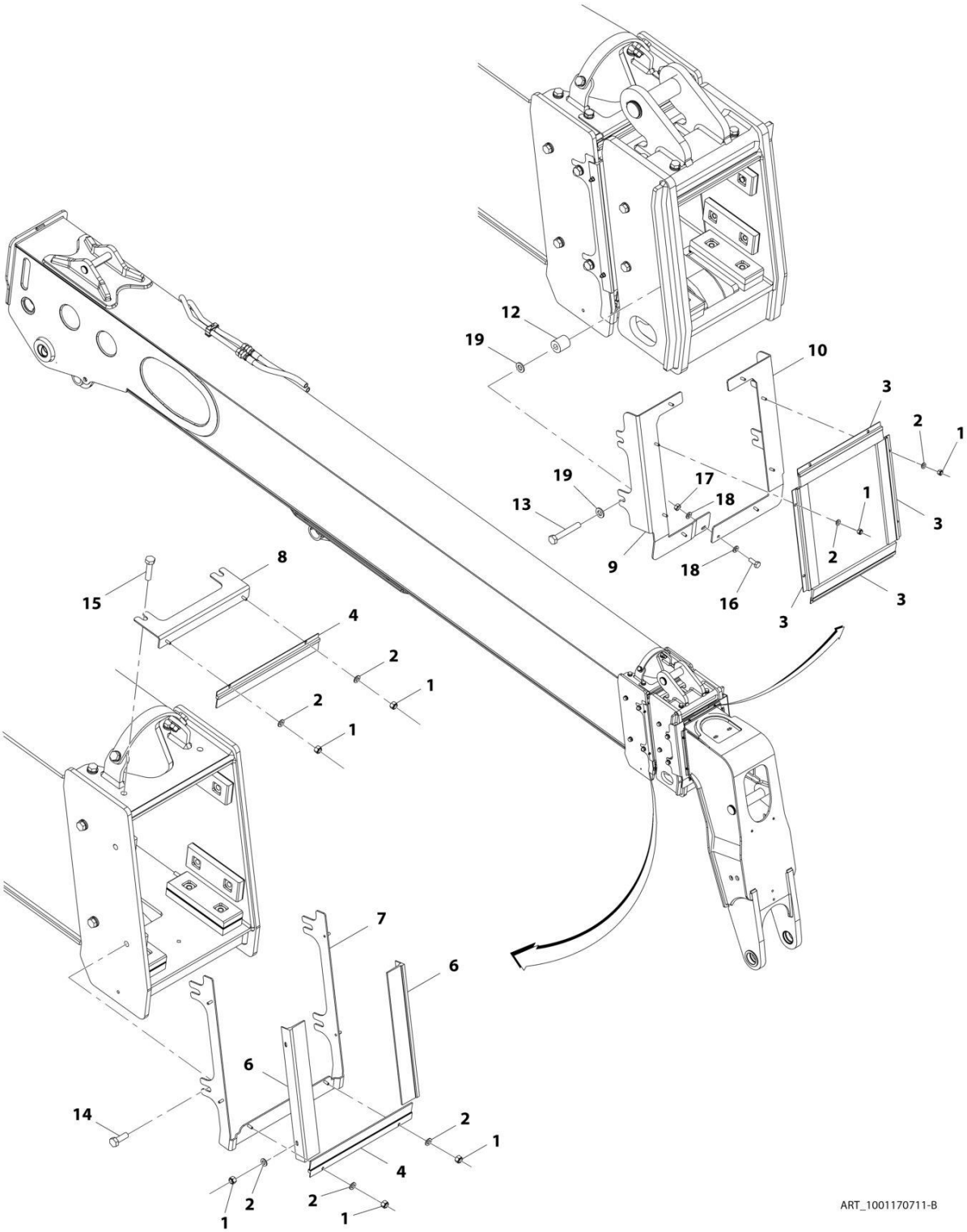


FIGURE 2-20. BOOM BRUSHES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170711	Ref	Boom Brushes Installation	B
1	3290505	16	Nut, Lock M5X0.8 Grade 8	
2	4811600	16	Washer, M5	
3	1001172995	4	Brush, Boom	
4	1001172997	2	Brush, Boom	
6	1001172999	2	Brush, Boom	
7	1001175485	1	Bracket, Boom Brush	
8	1001175486	1	Bracket, Boom Brush	
9	1001196931	1	Bracket, Boom Brush	
10	1001196929	1	Bracket, Boom Brush	
12	1001193577	4	Spacer	
13	0701224	4	Bolt, M12X80	
14	0711215	4	Bolt, M12X35 Grade 10.9	
15	0711218	2	Bolt, M12X50 Grade 10.9	
16	0760608	1	Bolt, M6X16	
17	3290601	1	Nut, M6X1	
18	4811700	2	Washer, M6	
19	1001125117	4	Washer, M12	

FIGURE 2-21. QUICK COUPLER ASSEMBLY

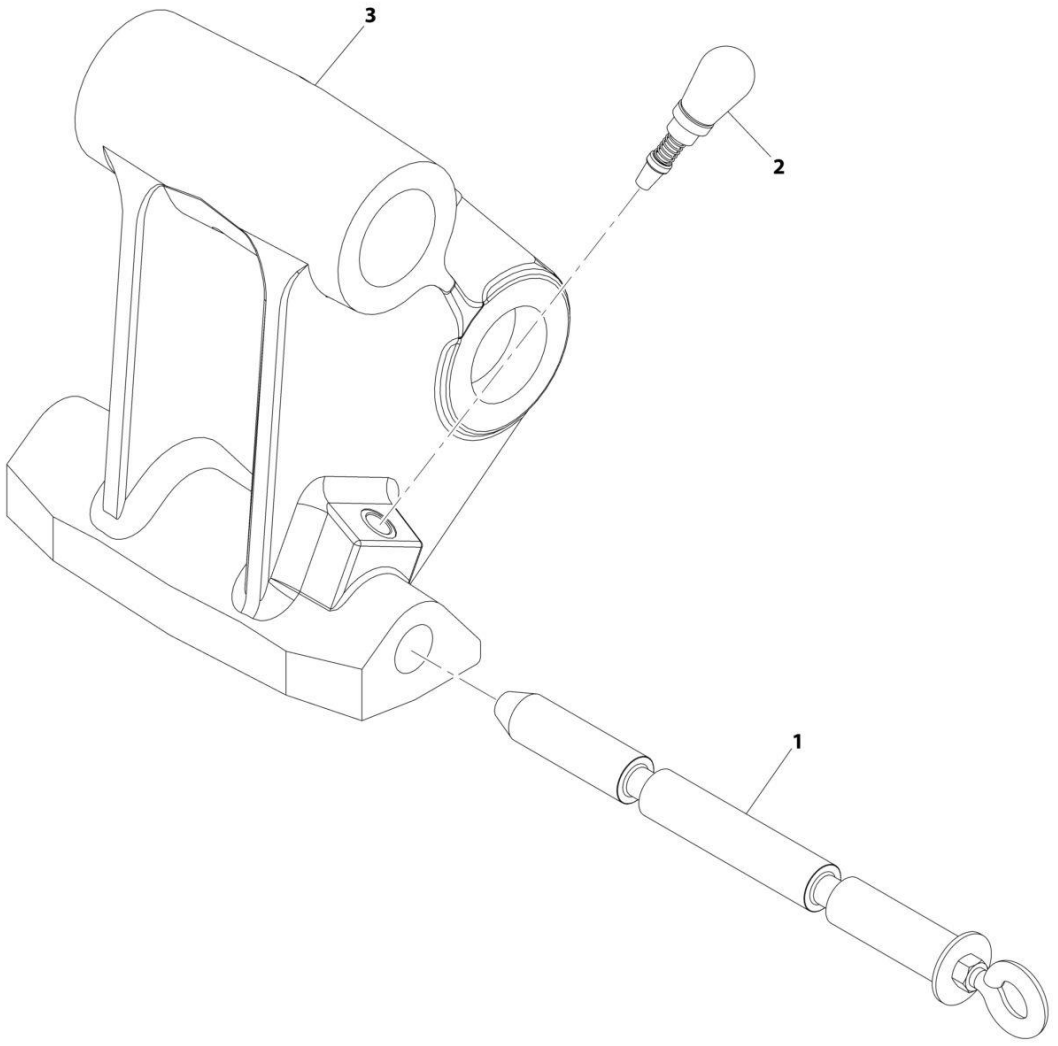


FIGURE 2-21. QUICK COUPLER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171764	Ref	Quick Coupler Assembly	A
1	1001105441	1	Pin	
2	1001143692	1	Pin, Poppin	
3	1001164567	1	Coupling, Quick Connect	

SECTION 3 - ATTACHMENTS

FIGURE 3-1. BASKET, PERSONNEL - 4FT X 8FT (ASME)

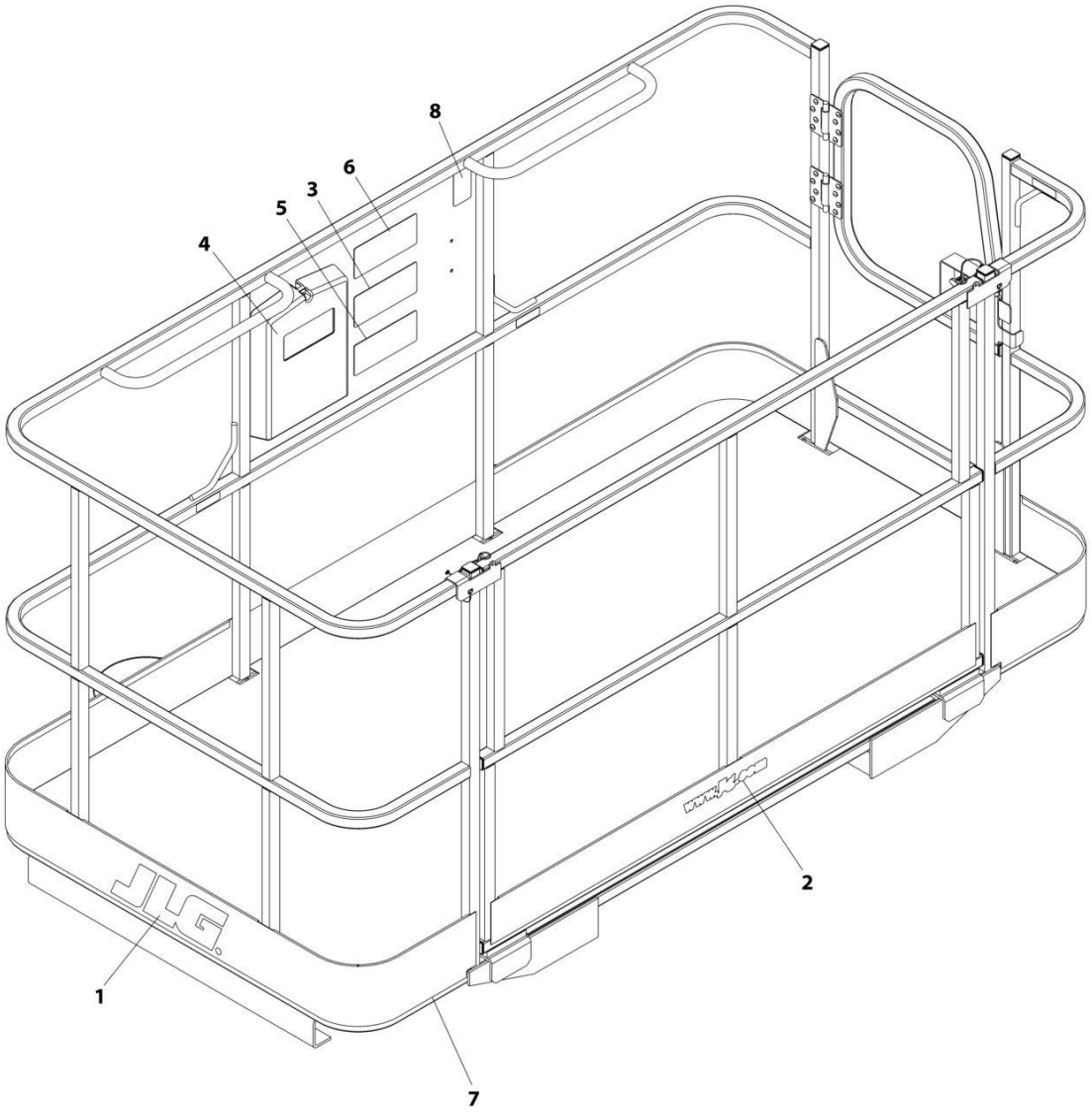


FIGURE 3-1. BASKET, PERSONNEL - 4FT X 8FT (ASME)

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 3-2. BASKET, PERSONNEL - 4FT X 8FT (DOMESTIC)

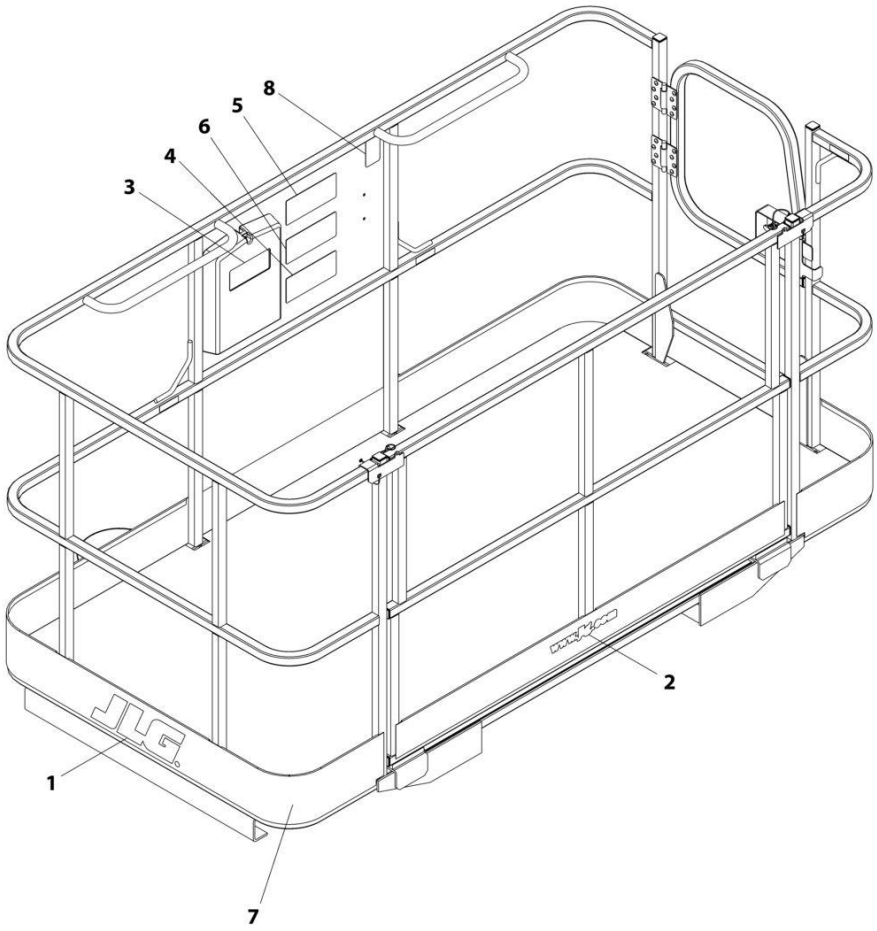


FIGURE 3-2. BASKET, PERSONNEL - 4FT X 8FT (DOMESTIC)

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 3-3. BASKET, PERSONNEL - 4FT X 8FT (ISO)

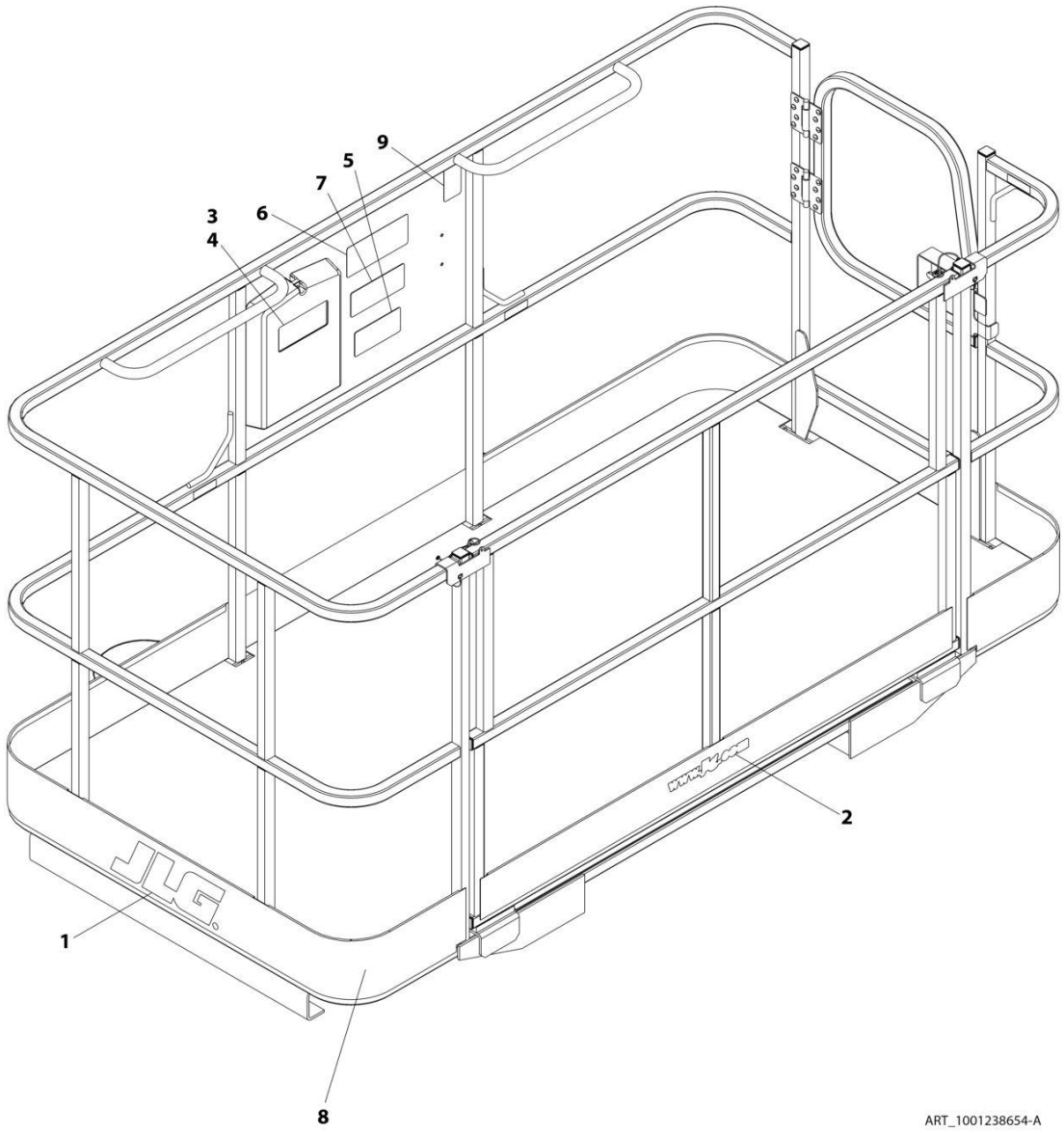


FIGURE 3-3. BASKET, PERSONNEL - 4FT X 8FT (ISO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238654	Ref	BASKET, PERSONNEL	B
1	1702773	2	Decal, JLG	
2	1704885	1	Decal, Website	
3	31200387	1	Manual, Operation and Safety, Spanish	
4	31200388	1	Manual, Operation and Safety, Portuguese	
5	1001096021	1	Decal, Warning Attachment	
6	1001096023	1	Decal, Platform Capacity	
7	1001096025	1	Decal, Platform Warning	
8	1001238565	1	Platform, Fork Mounted (ANSI) (See Separate Breakdown in this Section)	
9	See Note	NSS	SN Plate (Note: Stamped Part - Not Available for Purchase)	

FIGURE 3-4. BASKET, FORK MOUNTED

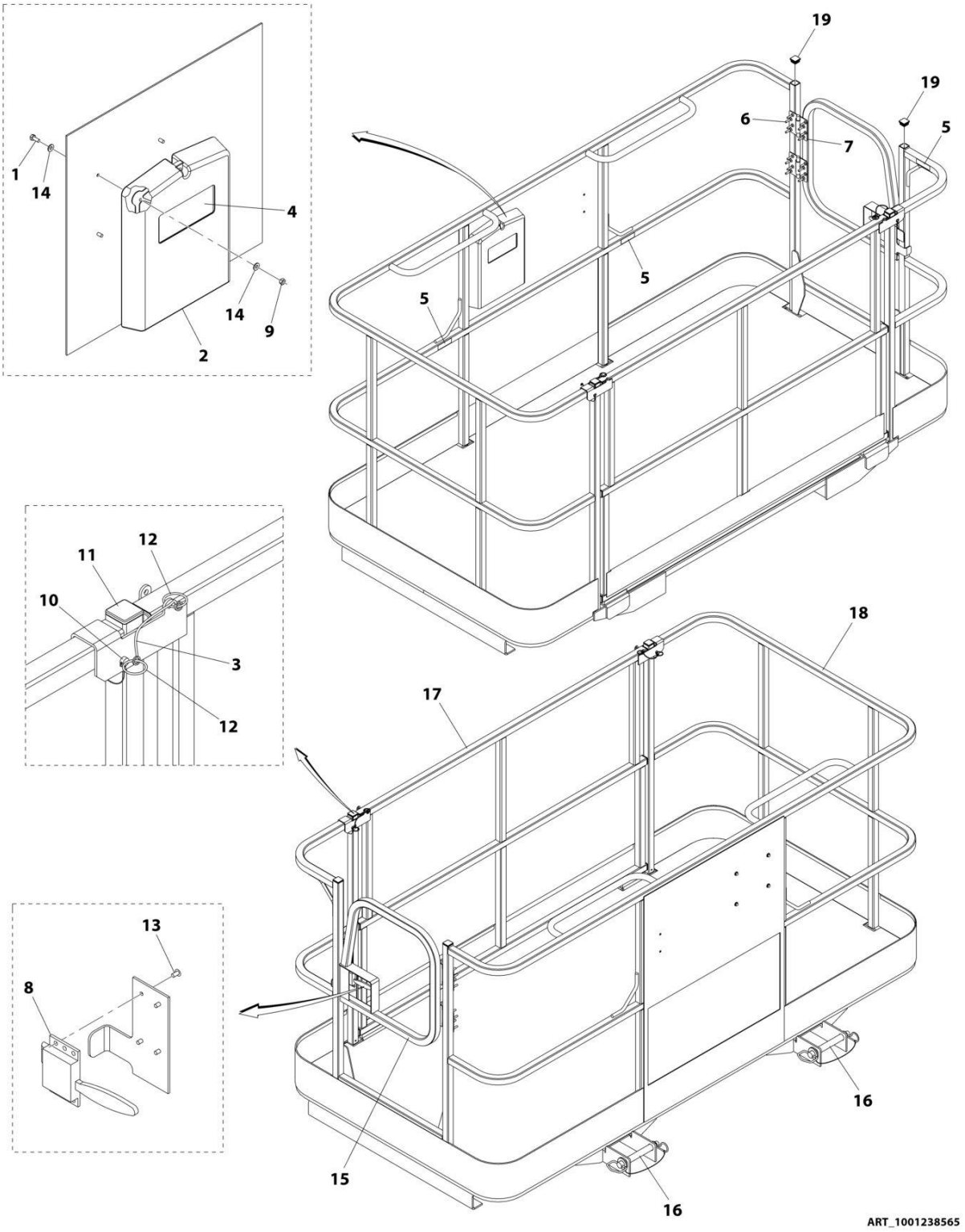


FIGURE 3-4. BASKET, FORK MOUNTED

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 3-5. BOOM - ADJUSTABLE (CARRIAGE MOUNTED)

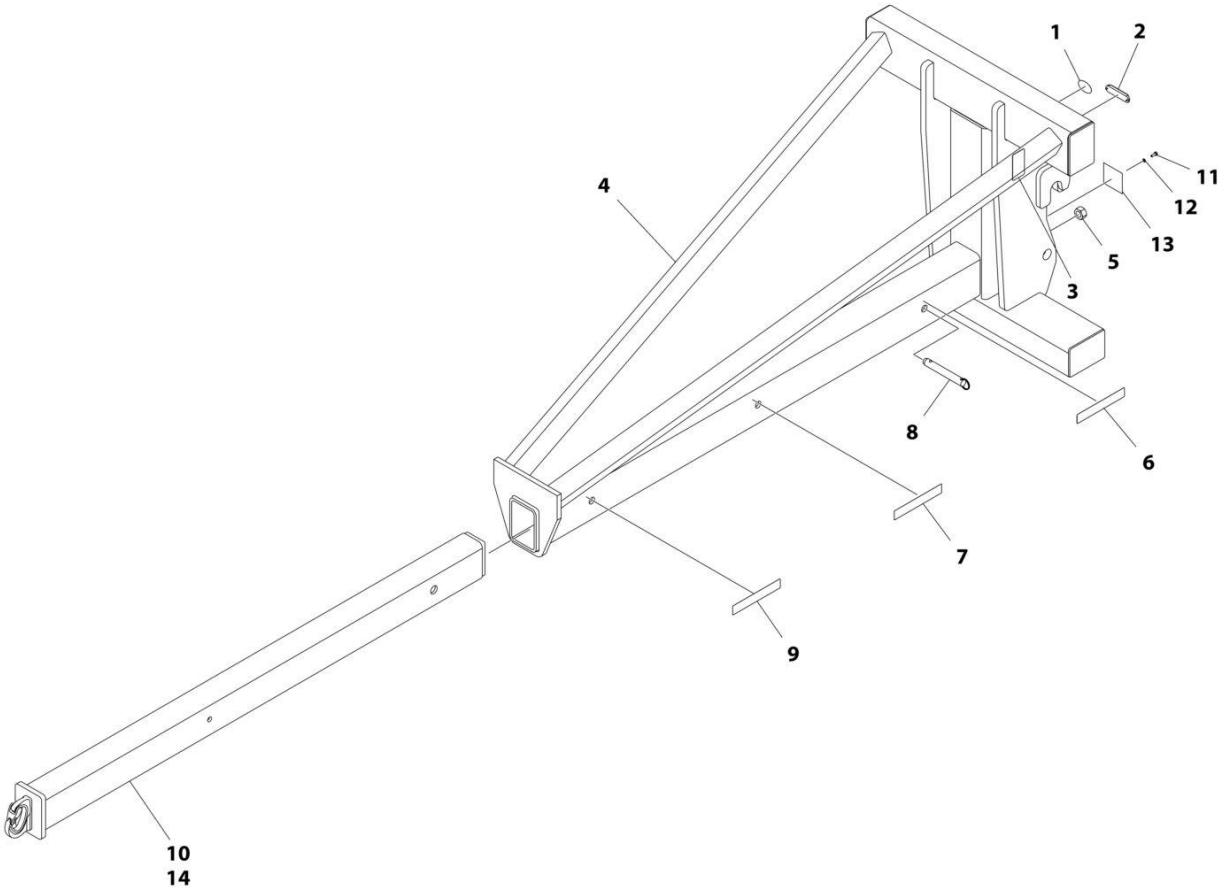


FIGURE 3-5. BOOM - ADJUSTABLE (CARRIAGE MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176515	Ref	ADJUSTABLE TRUSS BOOM	E
1	90554016	1	Decal, Made in USA	
2	1001227670	1	Tag, RFID	
3	See Note	NSS	SN Plate (Note: Stamped Part - Not Available for Purchase)	
4	See Note	NSS	Truss Boom, Adjustable (Note: Purchase Complete Assembly)	
5	70021440	1	Nut, Lock	
6	70024062	2	Decal, 4000 lbs cap	
7	70026944	2	Decal, 3000 lbs cap	
8	70026946	1	Pin	
9	70026699	2	Decal, 2000 lbs cap	
10	70026747	1	Seal	
11	90554033	1	Bolt 3/4 x 1/4	
12	90554034	1	Washer 1/4	
13	70026948	1	Plate, Stop	
14	70026949	1	Boom, Telescopic	

FIGURE 3-6. BOOM - ADJUSTABLE (FORK MOUNTED)

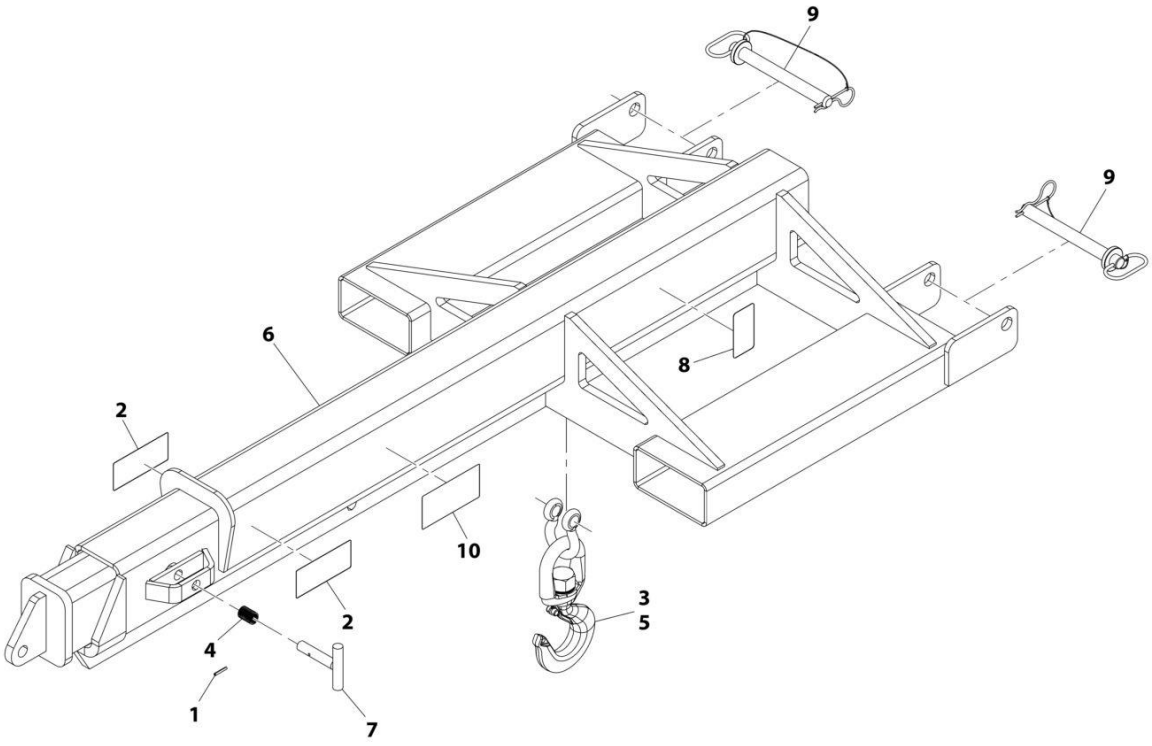


FIGURE 3-6. BOOM - ADJUSTABLE (FORK MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230241	Ref	Adjustable Truss Boom Installation (Fork Mounted)	J
1	3440620	1	Pin	
2	4110422	2	Decal, Danger Swinging Loads	
3	91403448	1	Hook, Swivel	
4	1001128890	1	Spring	
5	1001146160	1	Shackle	
6	See Note	NSS	Boom, Truss - Adjustable (Note: Purchase Complete Assembly)	
7	1001230239	1	Pin	
8	See Note	NSS	SN Plate (Note:Stamped Part - Not Available for Purchase)	
9	1001231692	2	Pin	
10	1001232500	1	Decal, Load Capacities	

FIGURE 3-7. BOOM - 3FT WITH WINCH

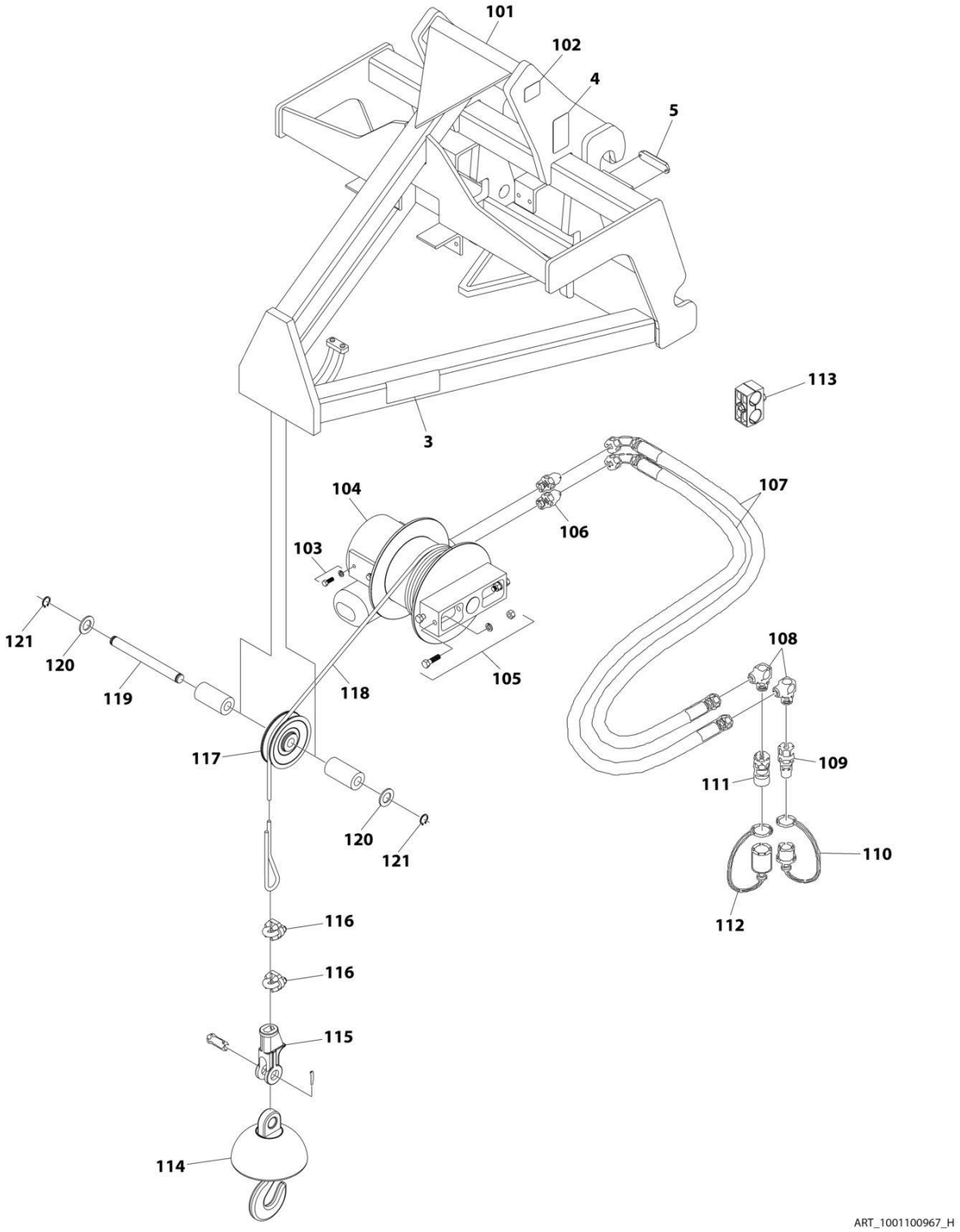


FIGURE 3-7. BOOM - 3FT WITH WINCH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001100967	Ref	TRUSS BOOM ASSEMBLY (3 FOOT WITH WINCH) (INCLUDES ITEMS 3, 4, 5 & 101 THRU 121)	H
3	4110422	2	Decal, Danger, Swinging Loads	
4	See Note	NSS	S/N Plate (Note: Stamped Part - Not Available for Purchase)	
5	1001227670	1	Tag, RFID	
101	See Note	NSS	Truss Boom Frame (Note: Purchase Complete Assembly)	
102	90554016	1	Decal	
103	70021349	4	Bolt	
103	90554042	4	Washer	
104	70021921	1	Winch, Truss Boom	
105	70024059	4	Bolt	
105	90554054	4	Nut	
105	90554020	4	Washer	
106	70021415	2	Fitting	
107	70021977	2	Hose 32in (Boom Front Disconnect)	
107	70031445	2	Hose 48in (Boom Side Disconnect)	
108	70022527	2	Fitting, 90	
109	91403414	1	Fitting, Straight	
110	8420053	1	Cap	
111	91403413	1	Fitting, Straight	
112	8420055	1	Plug	
113	70021387	1	Clamp	
114	70021978	1	Ball Swivel Safety Hook	
115	70021979	1	Assembly, Socket	
116	70022528	2	Clamp	
117	70021935	1	Pulley	
118	70022028	1	Cable	
119	70022529	1	Pin	
120	70027009	2	Washer	
121	70026698	2	Ring, Snap	

FIGURE 3-8. BOOM - 12FT WITH WINCH

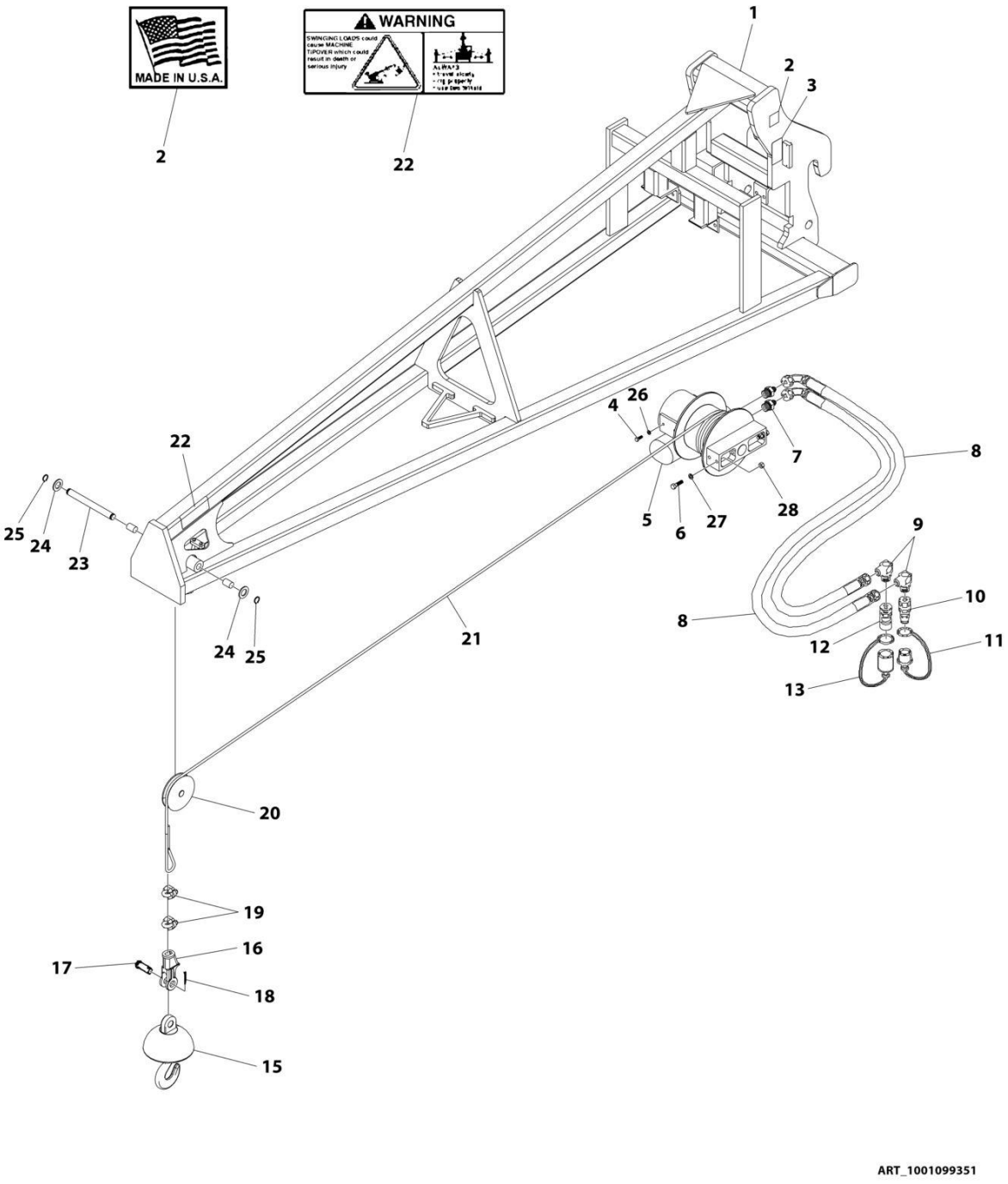


FIGURE 3-8. BOOM - 12FT WITH WINCH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001099351	Ref	TRUSS BOOM (0.9 TON - 3.7M WITH WINCH)	L
1	See Note	NSS	Frame, Truss Boom (Note: Purchase Complete Assembly)	
2	90554016	1	Decal, Made in USA	
	See Note	NSS	S/N Plate (Note: Stamped Part - Not Available for Purchase)	
4	70021349	4	Bolt 3/8 x 1	
5	70021921	1	Motor, Truss Boom Winch	
6	70024059	2	Bolt 1/2 x 1-3/4	
7	70021415	2	Connector	
8	70021977	2	Hose 32in (Boom Front Disconnect)	
8	70031445	2	Hose 48in (Boom Side Disconnect)	
9	70022527	2	Fitting, 90	
10	7029692	1	Fitting, Straight	
11	90554062	1	Cap, Dust	
12	70021342	1	Fitting, Straight	
13	90554076	1	Cap, Dust	
15	70021978	1	Ball Swivel with Safety Hook	
16	70021979	1	Assembly, Socket (includes items 17 thru 18)	
17	See Note	NSS	Pin (Note: Use Item 16)	
18	See Note	NSS	Pin, Cotter (Note: Use Item 16)	
19	70022528	2	Clamp	
20	70021935	1	Pulley	
21	70022028	1	Cable	
22	4110422	2	Decal, Warning Swinging Loads	
23	70022529	1	Pin	
24	70024060	2	Washer	
25	70026698	2	Ring, Snap	
26	90554042	4	Washer 3/8	
27	90554020	2	Washer 1/2	
28	90554054	2	Nut 1/2	

FIGURE 3-9. BOOM - 12FT WITHOUT WINCH

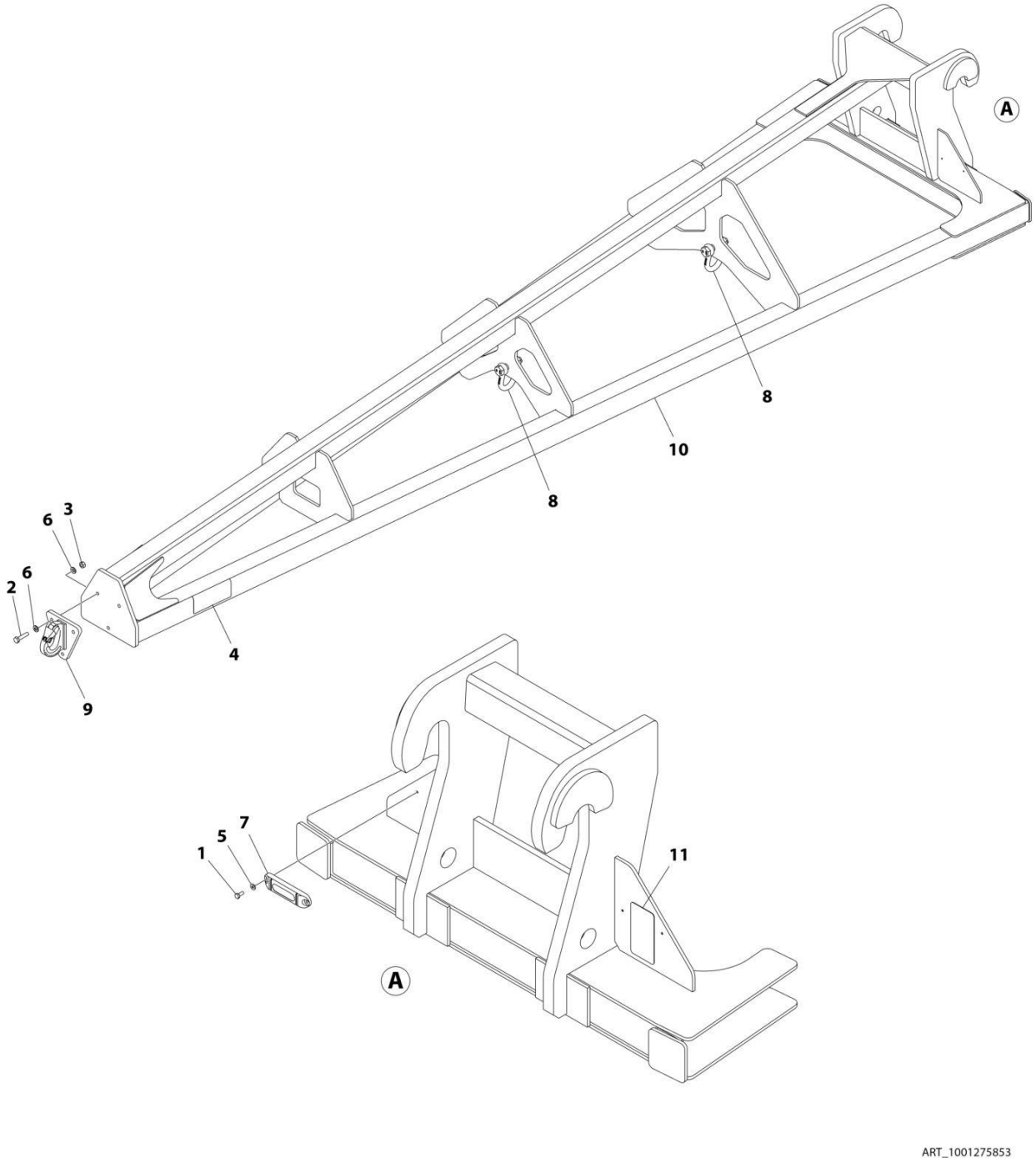


FIGURE 3-9. BOOM - 12FT WITHOUT WINCH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275853	Ref	BOOM - 12FT WITHOUT WINCH	D
1	0760405	2	Bolt M4 x 10	
2	0761017	3	Bolt M10 x 45	
3	3291007	3	Nut M10	
4	4110422	2	Decal, Danger Swinging Loads	
5	4811400	2	Washer M4	
6	5241000	6	Washer M10	
7	1001227670	1	Tag, RFID	
8	1001287742	2	Clevis	
9	1001275841	1	Hook	
10	See Note	NSS	Boom, Truss (Note: Purchase Complete Assembly)	
11	See Note	NSS	SN Plate (Note: Stamped Part - Not Available for Purchase)	

FIGURE 3-10. BOOM - 15FT WITHOUT WINCH

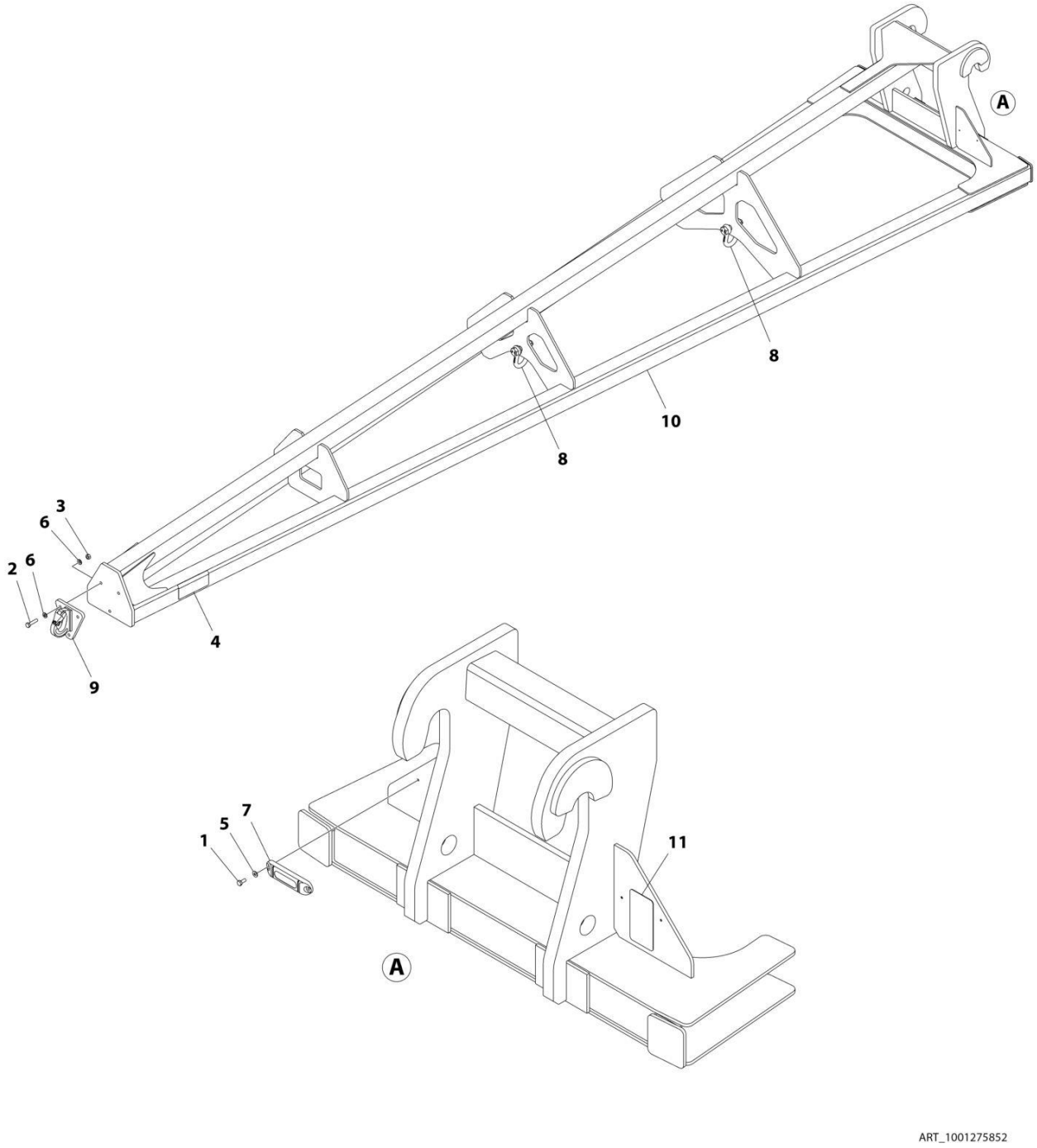


FIGURE 3-10. BOOM - 15FT WITHOUT WINCH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275852	Ref	BOOM - 15FT WITHOUT WINCH	D
1	0760405	2	Bolt M4 x 10	
2	0761017	3	Bolt M10 x 45	
3	3291007	3	Nut M10	
4	4110422	2	Decal, Danger Swinging Loads	
5	4811400	2	Washer M4	
6	5241000	6	Washer M10	
7	1001227670	1	Tag, RFID	
8	1001287742	2	Clevis	
9	1001275841	1	Hook	
10	See Note	NSS	Boom, Truss (Note: Purchase Complete Assembly)	
11	See Note	NSS	SN Plate (Note: Stamped Part - Not Available for Purchase)	

FIGURE 3-11. BUCKET - 60IN (1.3 CU YD) (FORK MOUNTED)

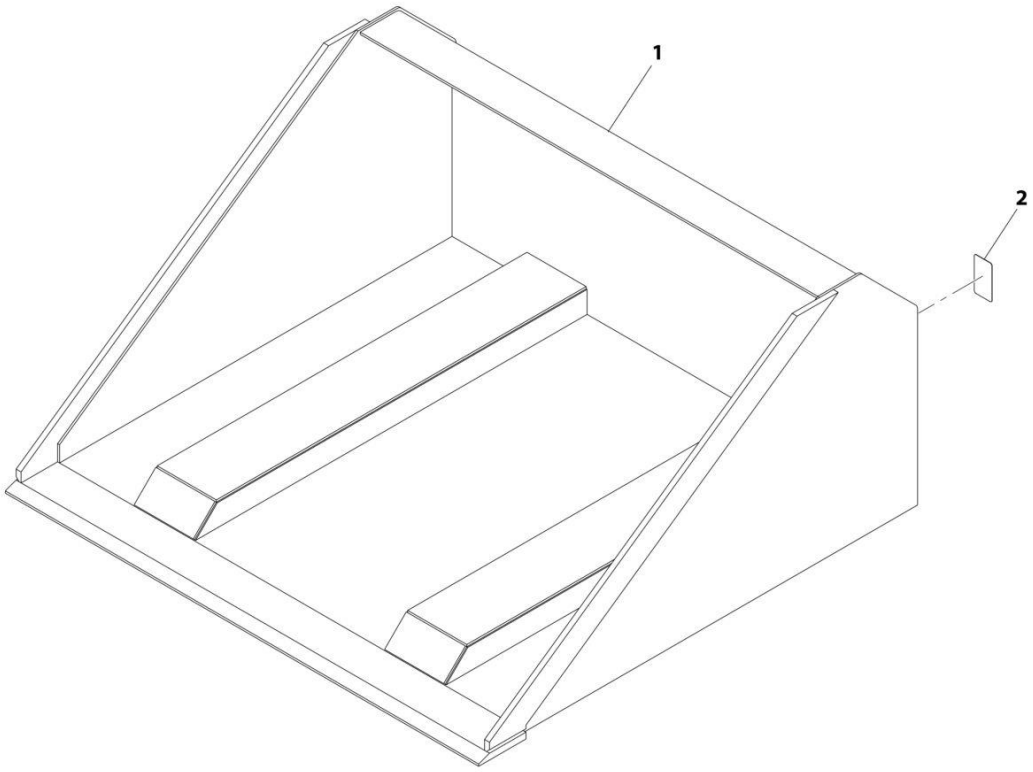


FIGURE 3-11. BUCKET - 60IN (1.3 CU YD) (FORK MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001195970	Ref	Bucket 1.0 m³ (Fork Mounted)	E
2	See Note	NSS	S/N Plate (Note: Stamped Part - Not Available for Purchase)	

FIGURE 3-12. BUCKET - 72IN (1.0 CU YD)

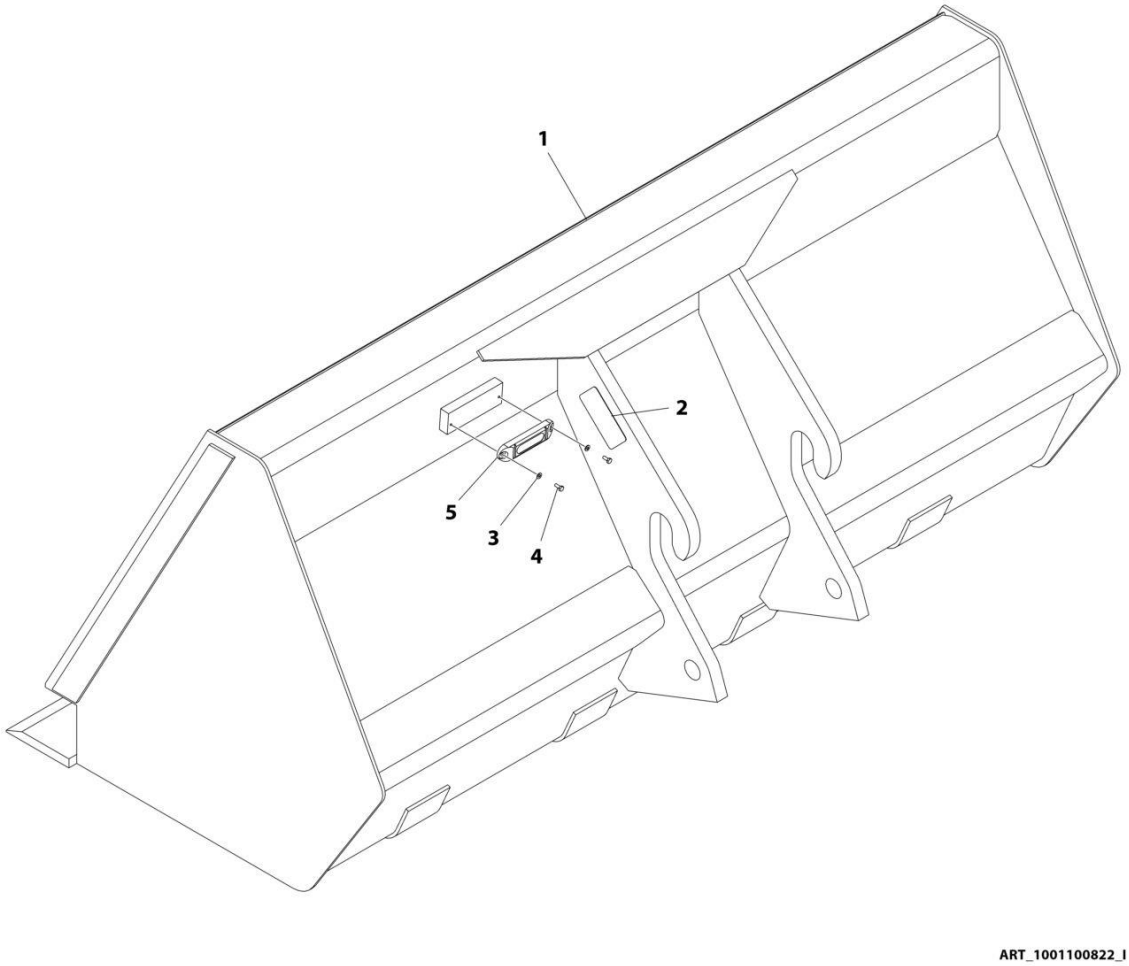


FIGURE 3-12. BUCKET - 72IN (1.0 CU YD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001100822	Ref	BUCKET 1.0 YD³ (ANSI - JLG)	I
1	1001100265	1	Bucket Weldment	
2	See Note	NSS	SN Plate (Note:Stamped Part - Not Available for Purchase)	
3	4811400	2	Washer M4	
4	0760405	2	Bolt M4 x 10	
5	1001227670	1	Tag, RFID	

FIGURE 3-13. BUCKET - 96IN (1.5 CU YD)

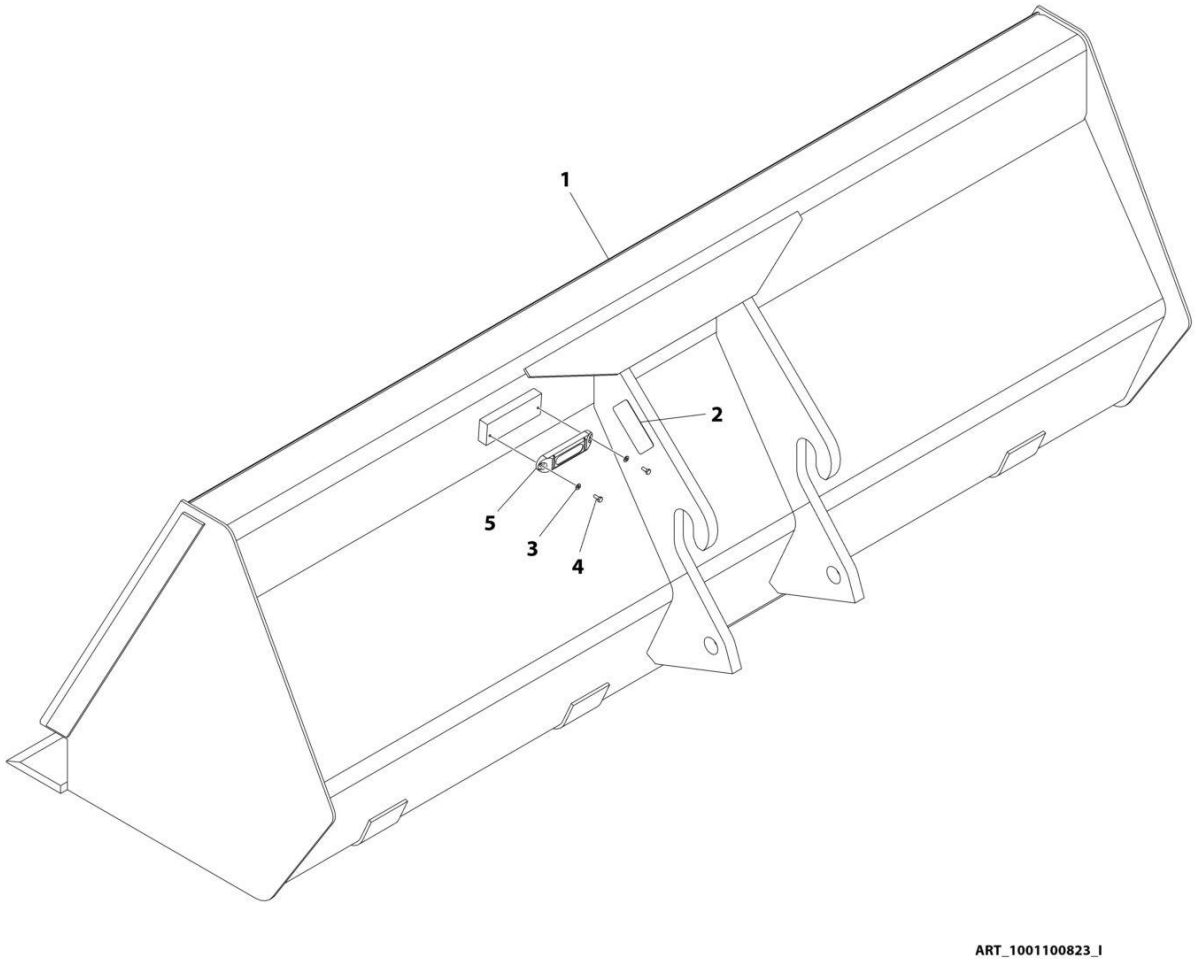


FIGURE 3-13. BUCKET - 96IN (1.5 CU YD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001100823	Ref	BUCKET (1.15 M^3)	I
1	1001100266	1	Bucket	
2	See Note	NSS	SN Plate (Note:Stamped Part - Not Available for Purchase)	
3	4811400	2	Washer M4	
4	0760405	2	Bolt M4 x 10	
5	1001227670	1	Tag, RFID	

FIGURE 3-14. BUCKET - 96IN GRAPPLE

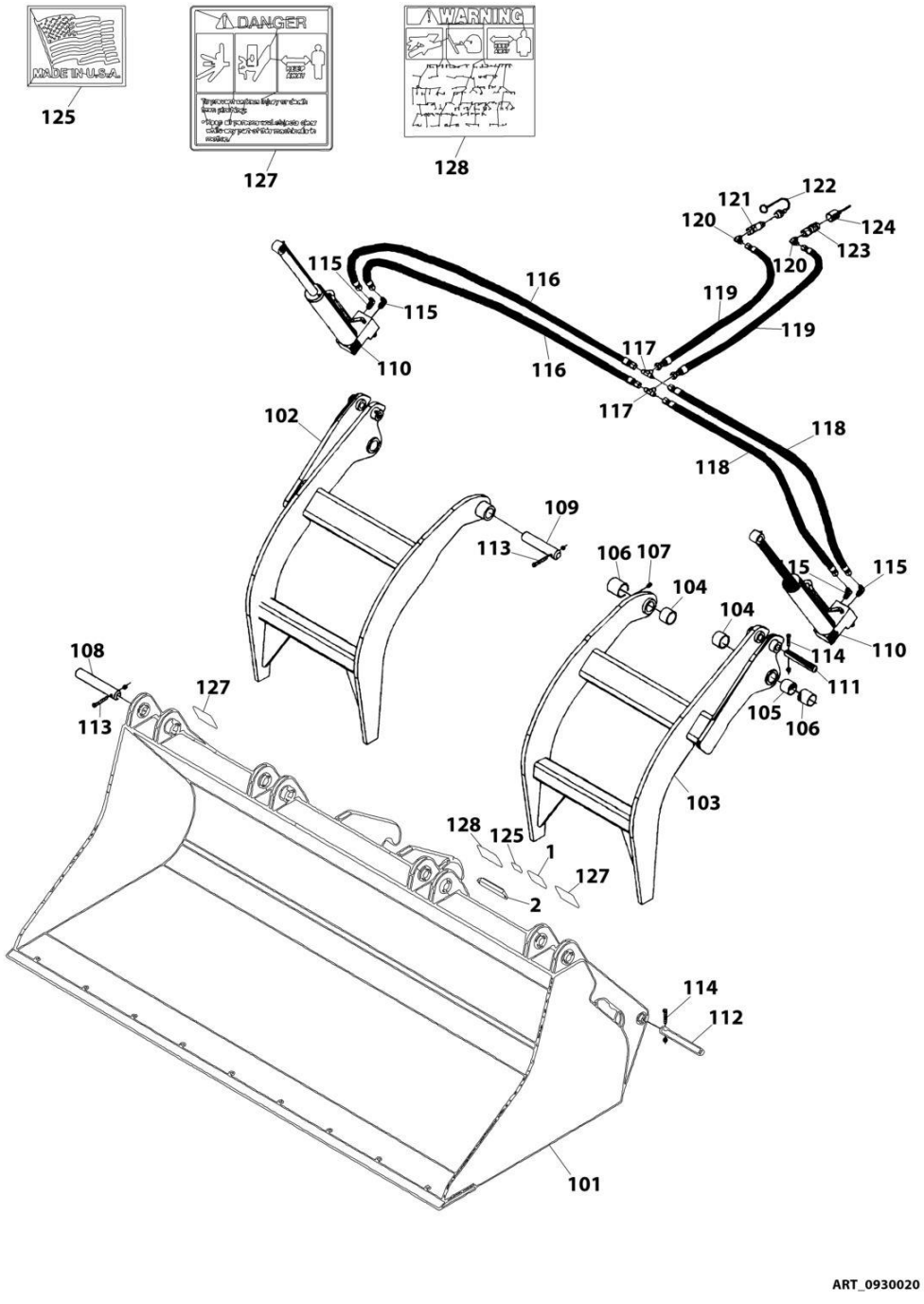


FIGURE 3-14. BUCKET - 96IN GRAPPLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0930020	Ref	Multi-Purpose Grapple Bucket (2450 MM)	L
1	See Note	NSS	S/N Plate (Note: Stamped Part - Not Available for Purchase)	
2	1001227670	1	Tag, RFID	
101	N.S.S.	1	Bucket	
101	70021387	4	Clamp, Hose	
102	70021391	1	Hook, RH Grapple	
103	70021392	1	Hook, LH Grapple	
104	70021358	4	Bushing	
105	70021359	2	Spacer	
106	70021360	4	Bushing	
107	7029714	4	Fitting, Grease	
108	70021361	2	Pin	
109	70021362	2	Pin	
110	70021393	2	Cylinder, Grapple Bucket (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
111	70021364	2	Pin	
112	70021365	2	Pin	
113	70021366	4	Bolt, 3/8X2-3/4	
113	70021367	4	Nut 3/8	
114	70021399	4	Bolt, 3/8X2-1/4	
114	70021367	4	Nut, Lock 3/8	
115	90554065	4	Fitting, 90	
116	70021980	2	Hose	
117	70020562	2	Fitting, Tee	
118	70021981	2	Hose	
119	70021982	2	Hose 34in (Boom Front Disconnect)	
119	70031446	2	Hose 45in (Boom Side Disconnect)	
120	70022527	2	Fitting, 90	
121	7029692	1	Coupler	
122	90554062	1	Cover	
123	70021342	1	Coupler	
124	90554076	1	Cover	
125	90554016	1	Decal, Made in USA	
127	90554017	2	Decal, Danger Pinch Point	
128	90554018	1	Decal, Warning High Pressure	

FIGURE 3-15. BUCKET - 102IN (2.0 CU YD)

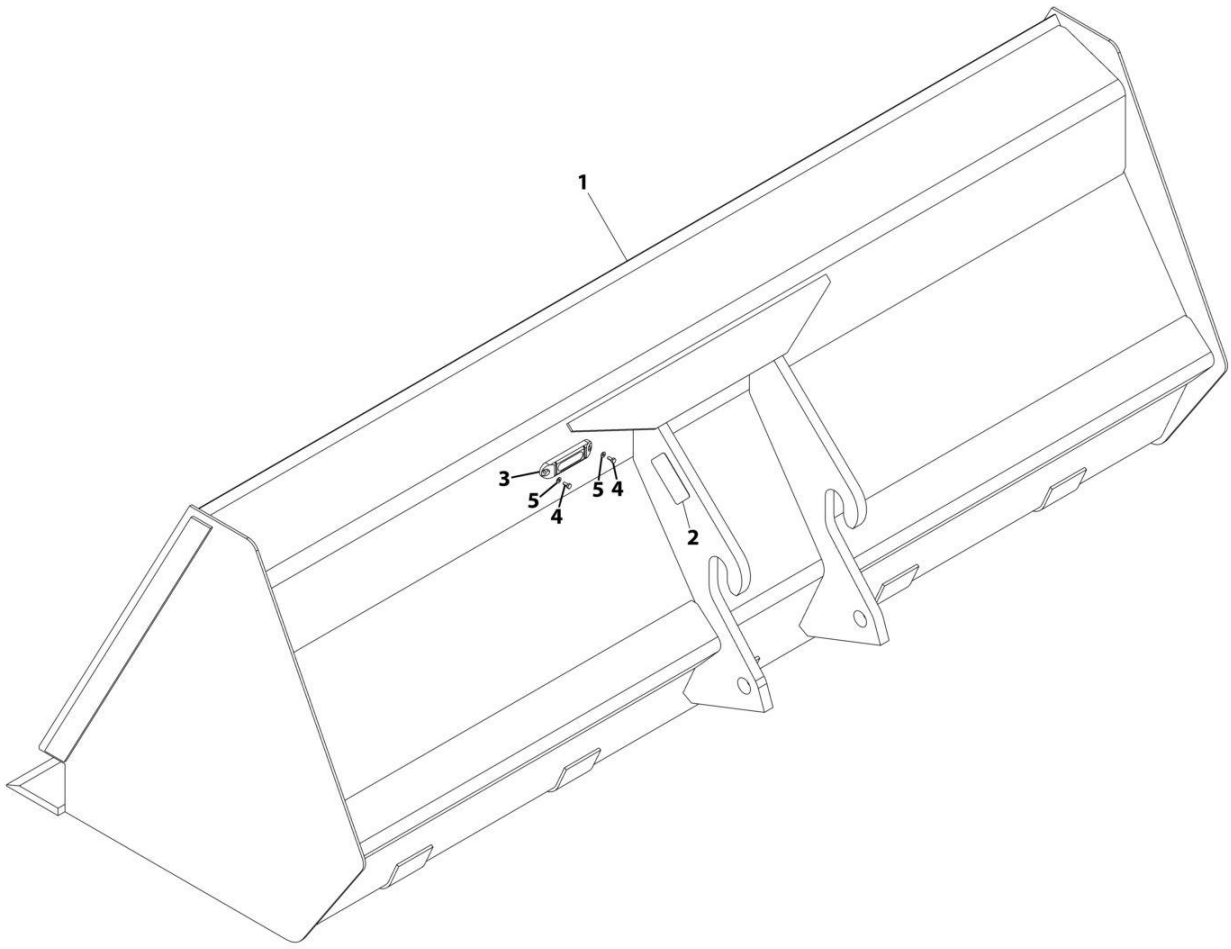


FIGURE 3-15. BUCKET - 102IN (2.0 CU YD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001100824	Ref	Bucket (102 Inch)	H
1	1001100267	NLA	Bucket (Note: Purchase PN 1001100824)	
2	See Note	NSS	S/N Plate (Note: Stamped Part - Not Available for Purchase)	
3	1001227670	1	Tag, RFID	
4	0760405	2	Bolt M4 x 10	
5	4811400	2	Washer M4	

FIGURE 3-16. CARRIAGE ASSEMBLY - 48IN/12000# CAPACITY SIDE SHIFT

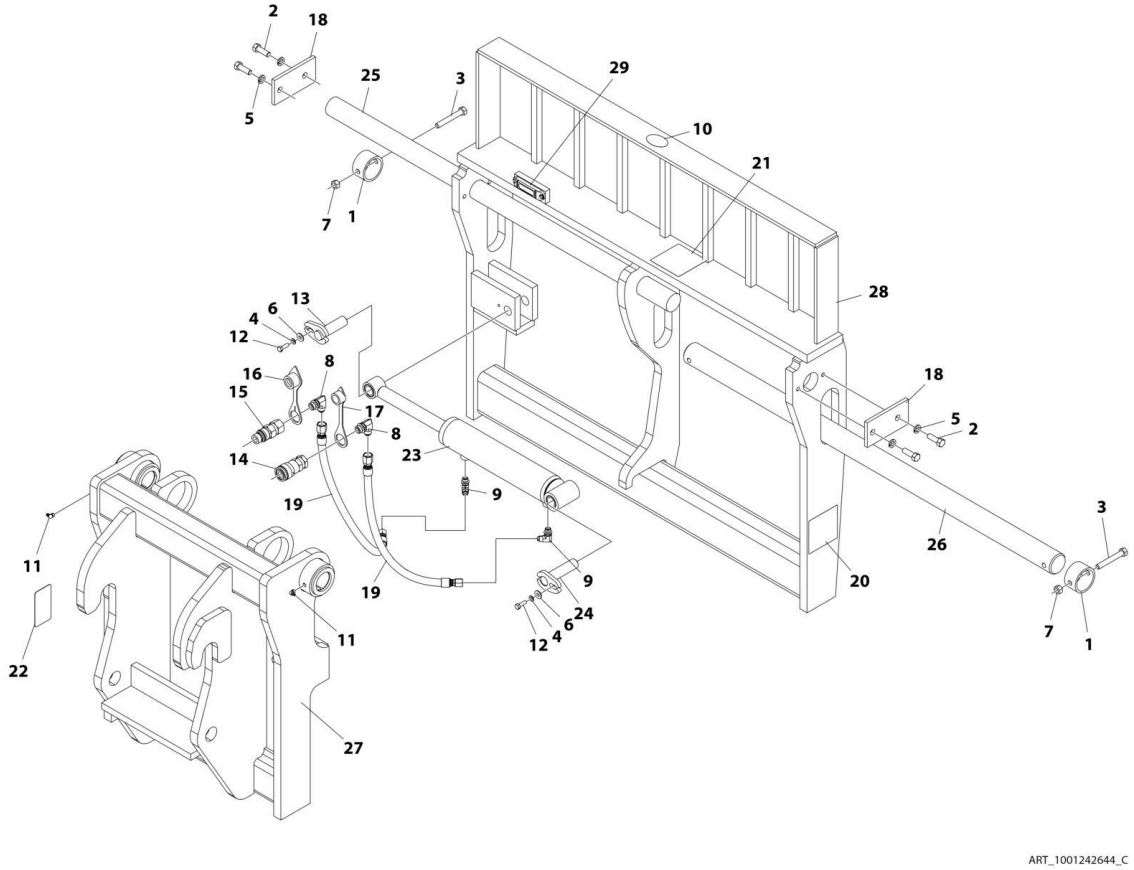


FIGURE 3-16. CARRIAGE ASSEMBLY - 48IN/12000# CAPACITY SIDE SHIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242644	Ref	SIDE SHIFT CARRIAGE ASSEMBLY (48 INCH)	C
1	70020028	2	Bushing	
2	70021382	4	Bolt 1/2 x 1-1/2	
3	70020002	2	Bolt 1/2 x 4	
4	90554067	2	Washer 5/16	
5	90554020	4	Washer 1/2	
6	70021379	2	Washer	
7	70027642	2	Washer	
8	70030141	2	Elbow	
9	90554065	2	Elbow 90	
10	90554016	1	Decal - Made in USA	
11	70021389	2	Fitting 90	
12	70021378	2	Capscrew	
13	70021351	1	Pin	
14	91403413	1	Adapter	
15	91403414	1	Adapter	
16	8420053	1	Cap, Dust	
17	8420055	1	Plug, Dust	
18	70030142	2	Plate	
19	70030143	2	Hose 30in (Boom Front Disconnect)	
19	70031444	2	Hose 55in (Boom Side Disconnect)	
20	90554017	2	Decal - Danger Pinch Point	
21	7029711	1	Decal - High Pressure	
22	See Note	NSS	SN Plate (Note: Stamped Part - Not Available for Purchase)	
23	70021376	1	Cylinder Assembly (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
24	70021377	1	Pin	
25	70030144	1	Pin	
26	70030145	1	Pin	
27	See Note	NSS	Frame - Rear (Note: Purchase Complete Assembly)	
28	See Note	NSS	Frame - Front (Note: Purchase Complete Assembly)	
29	1001227670	1	Tag, RFID	

FIGURE 3-17. CARRIAGE ASSEMBLY - 50IN/1270MM

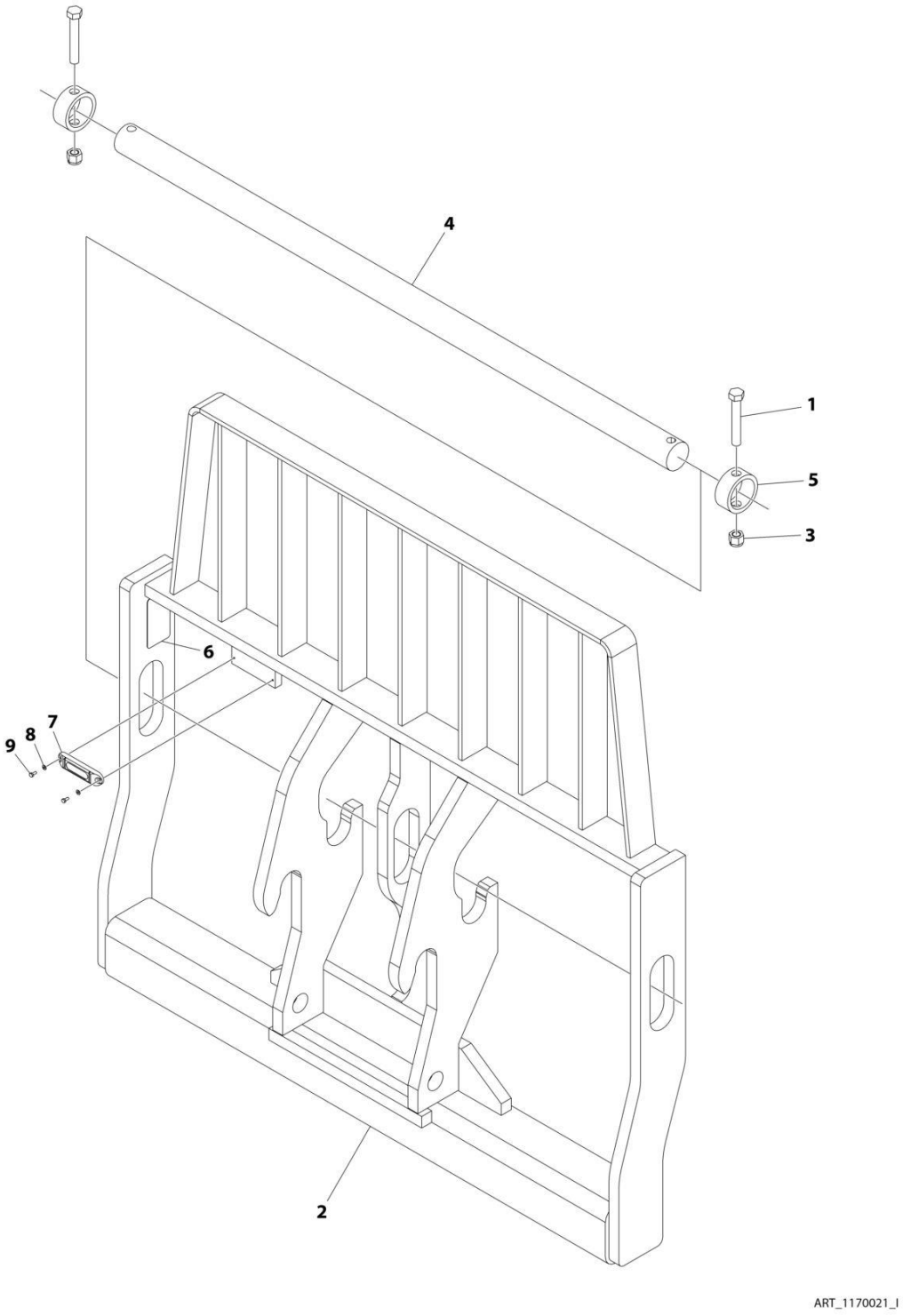


FIGURE 3-17. CARRIAGE ASSEMBLY - 50IN/1270MM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1170021	Ref	CARRIAGE ASSEMBLY (50 INCH)	I
1	0642032	2	Bolt 5/8-11 x 4	
2	See Note	NSS	Carriage (Note: Purchase Complete Assembly)	
3	3300240	2	Nut 5/8-11	
4	3423275	1	Pin, Fork	
5	90200003	2	Collar, Fork Pin	
6	See Note	NSS	SN Plate (Note: Stamped Part - Not Available for Purchase)	
7	1001227670	1	Tag, RFID	
8	4811400	2	Washer M4	
9	0760405	2	Bolt M4 x 10	

FIGURE 3-18. FORK POSITIONING CARRIAGE WITH FORKS (4.5 TON)

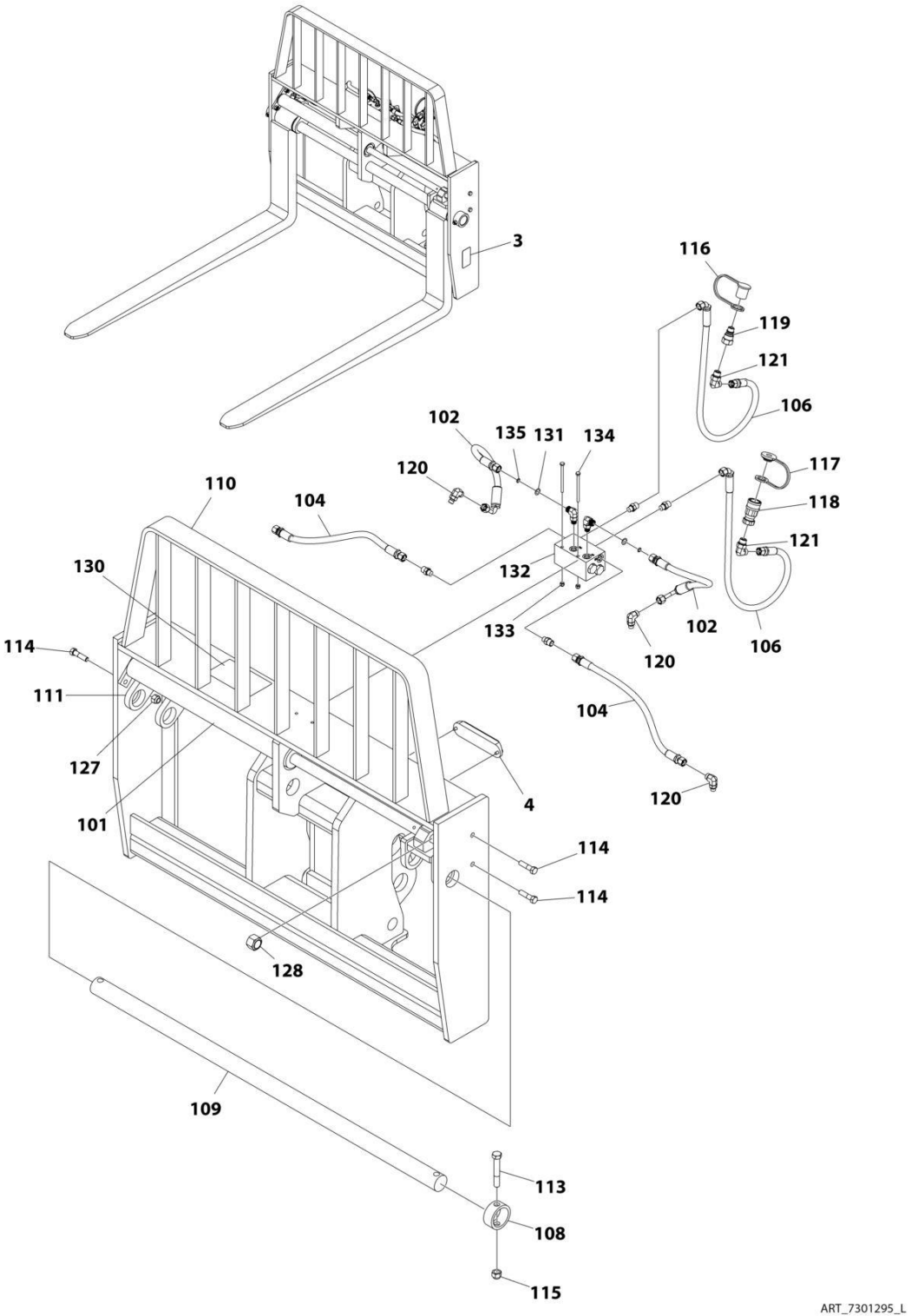


FIGURE 3-18. FORK POSITIONING CARRIAGE WITH FORKS (4.5 TON)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7301295	Ref	FORK POSITIONING CARRIAGE WITH FORKS (4.5 TON)	L
3	N.S.S.	1	S/N Plate	
4	1001227670	1	Tag, RFID	
101	2717283	2	Cylinder, Fork Positioning (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
102	2717160	2	Hose	
104	2717161	2	Hose	
106	2717162	2	Hose 36in (Boom Front Disconnect)	
106	70031443	2	Hose 44in (Boom Side Disconnect)	
108	90200003	2	Collar, Fork Pin	
109	90451058	1	Shaft, Fork	
110	N.S.S.	1	Weldment, Carriage	
111	N.S.S.	1	Weldment, Fork Adapter	
113	8303634	2	Bolt 5/8 x 4	
114	8303658	4	Bolt 1/2 x 2	
115	8305643	2	Nut 5/8	
116	8420053	1	Cap, Dust	
117	8420055	1	Plug, Dust	
118	91403413	1	Adapter, Quick Disconnect	
119	91403414	1	Adapter, Quick Disconnect	
120	2130606	4	Adapter, 90 Straight	
121	2130608	2	Adapter, 90 Straight	
127	8310302	4	Nut 1/2	
128	10705034	2	Nut 1	
130	4110473	1	Decal, Warning Route Hoses	
131	7139918	2	Disk, Orifice	
132	4641502	1	Assembly, Dual Fork Carriage Valve (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
133	8305624	2	Nut 1/4	
134	8310435	2	Bolt 1/4 x 3-3/4	
135	8630003	2	O-Ring	

FIGURE 3-19. CARRIAGE ASSEMBLY - 50IN/12000# CAPACITY SIDE TILT

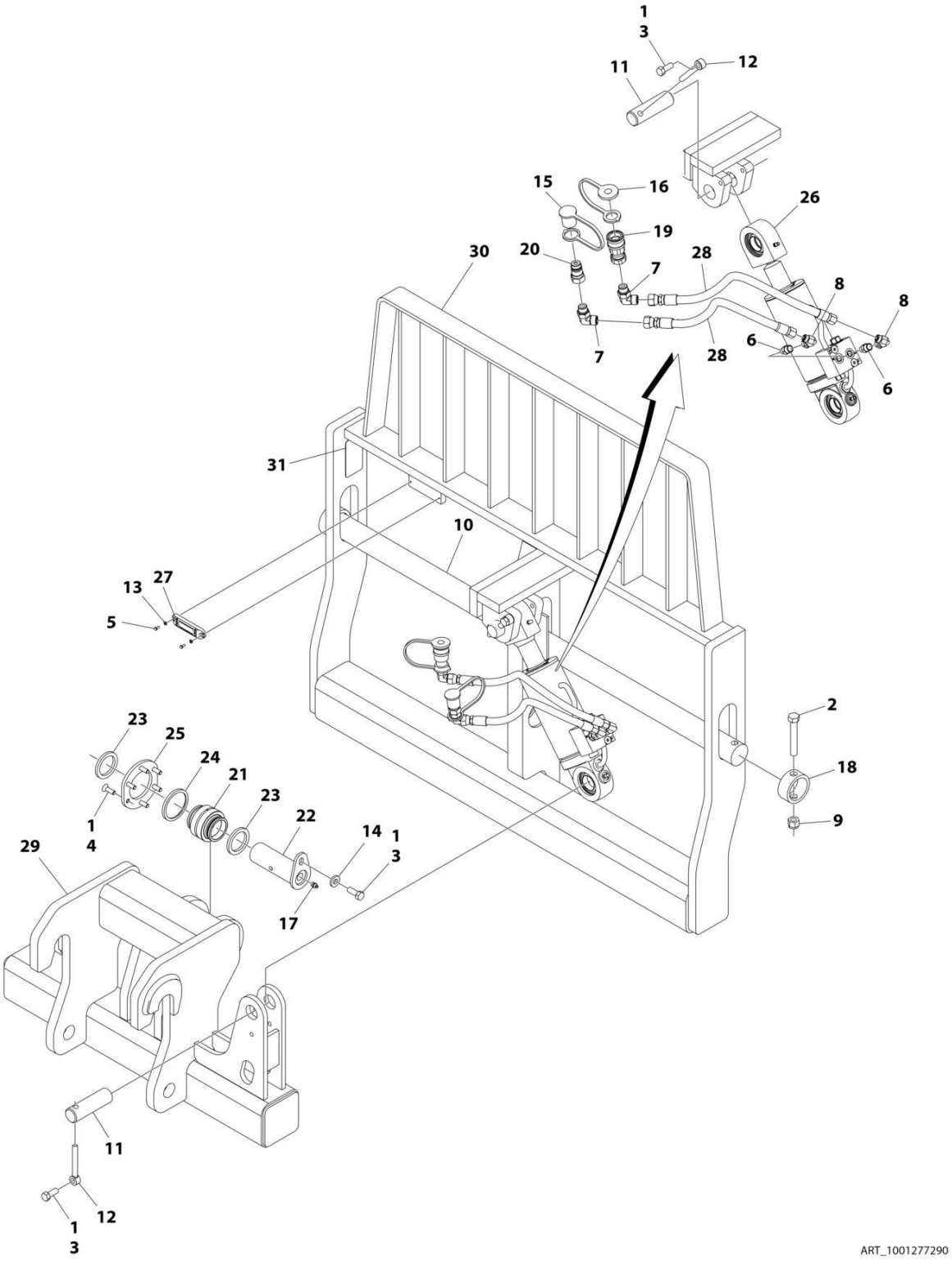


FIGURE 3-19. CARRIAGE ASSEMBLY - 50IN/12000# CAPACITY SIDE TILT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001277290	Ref	SIDE TILT CARRIAGE ASSEMBLY (50 INCH)	A
1	0100011	AR	Compound, Locking	
2	0642032	2	Bolt 5/8 x 4	
3	0681810	3	Bolt 1/2 x 1-1/4	
4	0741610	6	Screw 3/8 x 1-1/4	
5	0760405	2	Bolt M4 x 10	
6	2110606	2	Fitting, Straight ORFS	
7	2130808	2	Fitting, 90 ORFS	
8	2172106	2	Fitting, 90 ORFS	
9	3300240	2	Nut 5/8	
10	3423275	1	Pin	
11	3423307	2	Pin	
12	3841203	2	Keeper	
13	4811400	2	Washer M4	
14	4891800	1	Washer	
15	8420053	1	Cap	
16	8420055	1	Plug	
17	88671001	1	Fitting, Grease	
18	90200003	2	Collar	
19	91403413	1	Fitting, Straight	
20	91403414	1	Fitting, Straight	
21	1001090140	1	Bearing	
22	1001099113	1	Pin	
23	1001099115	2	Sleeve	
24	1001120914	1	Shim	
25	1001120915	1	Plate	
26	1001163414	1	Cylinder, Side Tilt (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
27	1001227670	1	Tag, RFID	
28	1001239734	2	Hose	
29	See Note	NSS	Carriage, Base Plate (Note: Purchase Complete Assembly)	
30	See Note	NSS	Carriage (Note: Purchase Complete Assembly)	
31	See Note	NSS	SN Plate (Note: Stamped Part - Not Available for Purchase)	

FIGURE 3-20. CARRIAGE ASSEMBLY - 60IN/1524MM

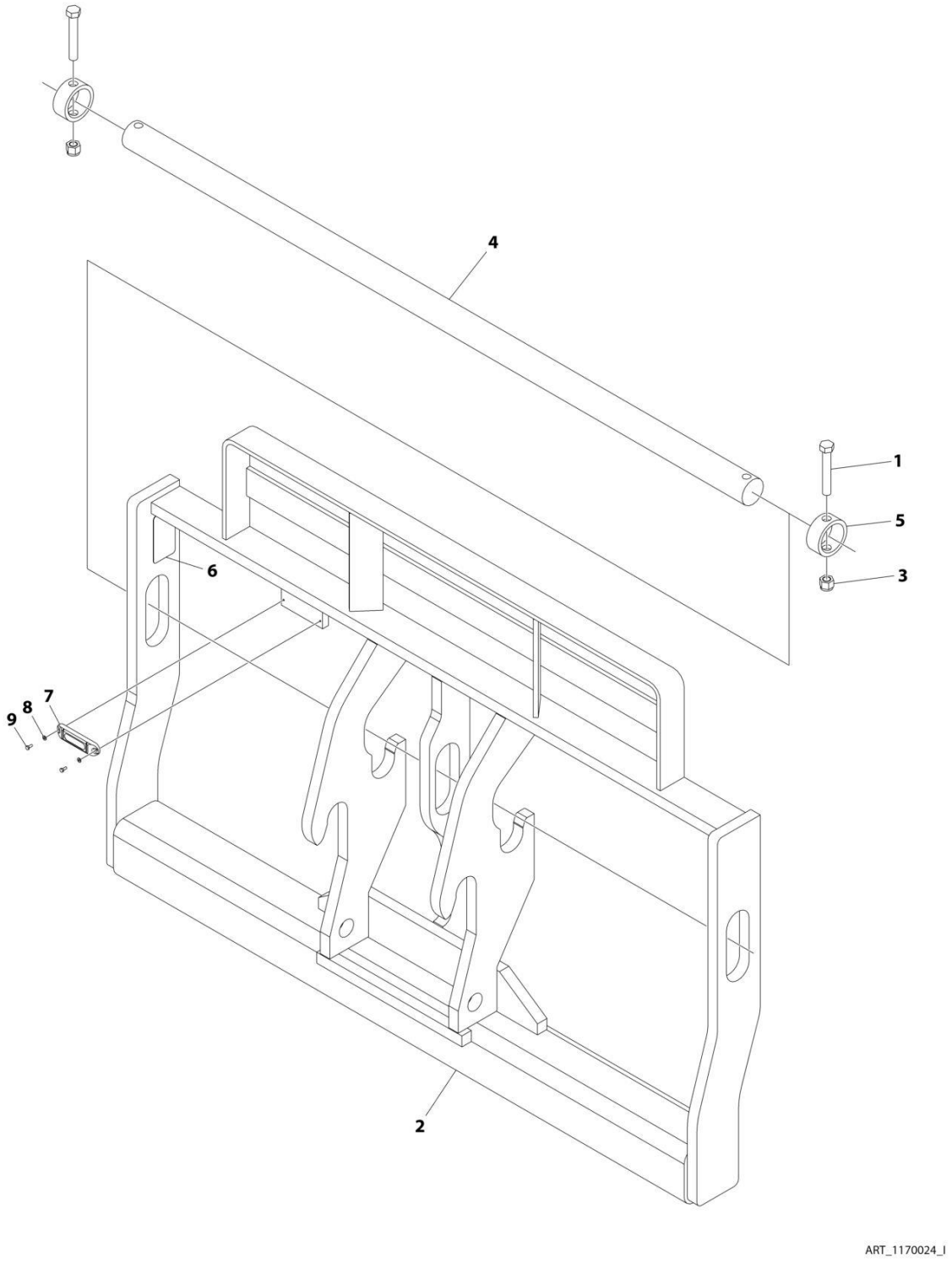


FIGURE 3-20. CARRIAGE ASSEMBLY - 60IN/1524MM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1170024	Ref	CARRIAGE ASSEMBLY (1524 MM)	I
1	0642032	2	Bolt 5/8 x 4	
2	See Note	NSS	Carriage (Note: Purchase Complete Assembly)	
3	3300240	2	Nut 5/8	
4	3423242	1	Pin	
5	90200003	2	Sleeve	
6	See Note	NSS	SN Plate (Note:Stamped Part - Not Available for Purchase)	
7	1001227670	1	Tag, RFID	
8	4811400	2	Washer M4	
9	0760405	2	Bolt M4 x 10	

FIGURE 3-21. CARRIAGE ASSEMBLY - 60IN/12000# CAPACITY SIDE TILT

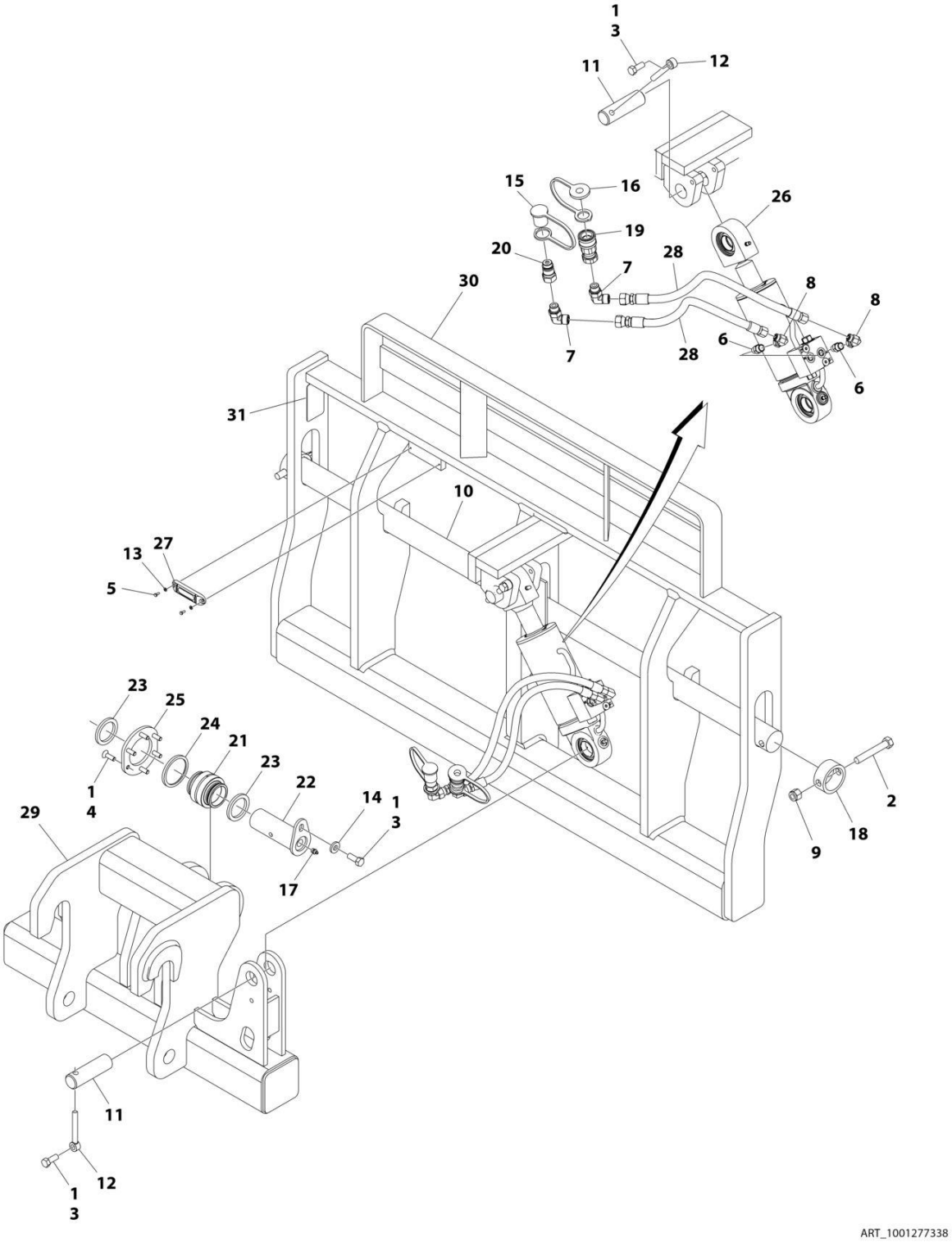


FIGURE 3-21. CARRIAGE ASSEMBLY - 60IN/12000# CAPACITY SIDE TILT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001277338	Ref	SIDE TILT CARRIAGE ASSEMBLY (60 INCH)	A
1	0100011	AR	Compound, Locking	
2	0642032	2	Bolt 5/8 x 4	
3	0681810	3	Bolt 1/2 x 1-1/4	
4	0741610	6	Screw 3/8 x 1-1/4	
5	0760405	2	Bolt M4 x 10	
6	2110606	2	Fitting, Straight	
7	2130808	2	Fitting, 90 ORFS	
8	2172106	2	Fitting, 90 ORFS	
9	3300240	2	Nut 5/8	
10	3423242	1	Pin	
11	3423307	2	Pin	
12	3841203	2	Keeper	
13	4811400	2	Washer M4	
14	4891800	1	Washer	
15	8420053	1	Cap	
16	8420055	1	Plug	
17	88671001	1	Fitting, Grease	
18	90200003	2	Collar	
19	91403413	1	Fitting, Straight	
20	91403414	1	Fitting, Straight	
21	1001090140	1	Bearing	
22	1001099113	1	Pin	
23	1001099115	2	Sleeve	
24	1001120914	1	Shim	
25	1001120915	1	Plate	
26	1001163414	1	Cylinder, Side Tilt (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
27	1001227670	1	Tag, RFID	
28	1001239734	2	Hose	
29	See Note	NSS	Carriage, Base Plate (Note: Purchase Complete Assembly)	
30	See Note	NSS	Carriage, Side Tilt (Note: Purchase Complete Assembly)	
31	See Note	NSS	SN Plate (Note: Stamped Part - Not Available for Purchase)	

FIGURE 3-22. CARRIAGE ASSEMBLY - 72IN/1829MM

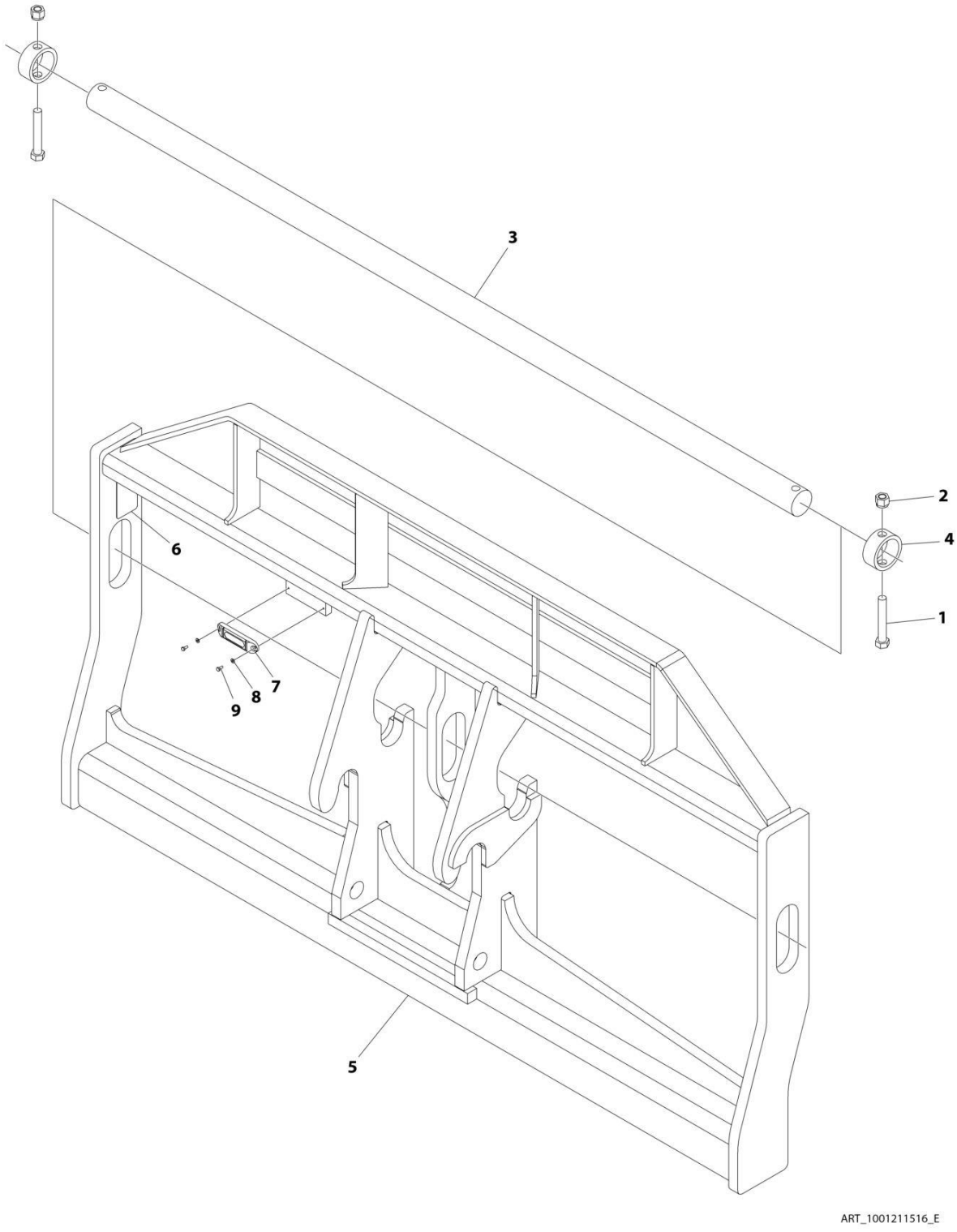


FIGURE 3-22. CARRIAGE ASSEMBLY - 72IN/1829MM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001211516	Ref	CARRIAGE ASSEMBLY (72 INCH)	F
1	0642032	2	Bolt 5/8 x 4	
2	3300240	2	Nut 5/8	
3	3423276	1	Pin	
4	90200003	2	Sleeve	
5	See Note	NSS	Carriage (Note: Purchase Complete Assembly)	
6	See Note	NSS	SN Plate (Note:Stamped Part - Not Available for Purchase)	
7	1001227670	1	Tag, RFID	
8	4811400	2	Washer M4	
9	0760405	2	Bolt M4 x 10	

FIGURE 3-23. CARRIAGE ASSEMBLY - 72IN - 90 DEGREE SWING

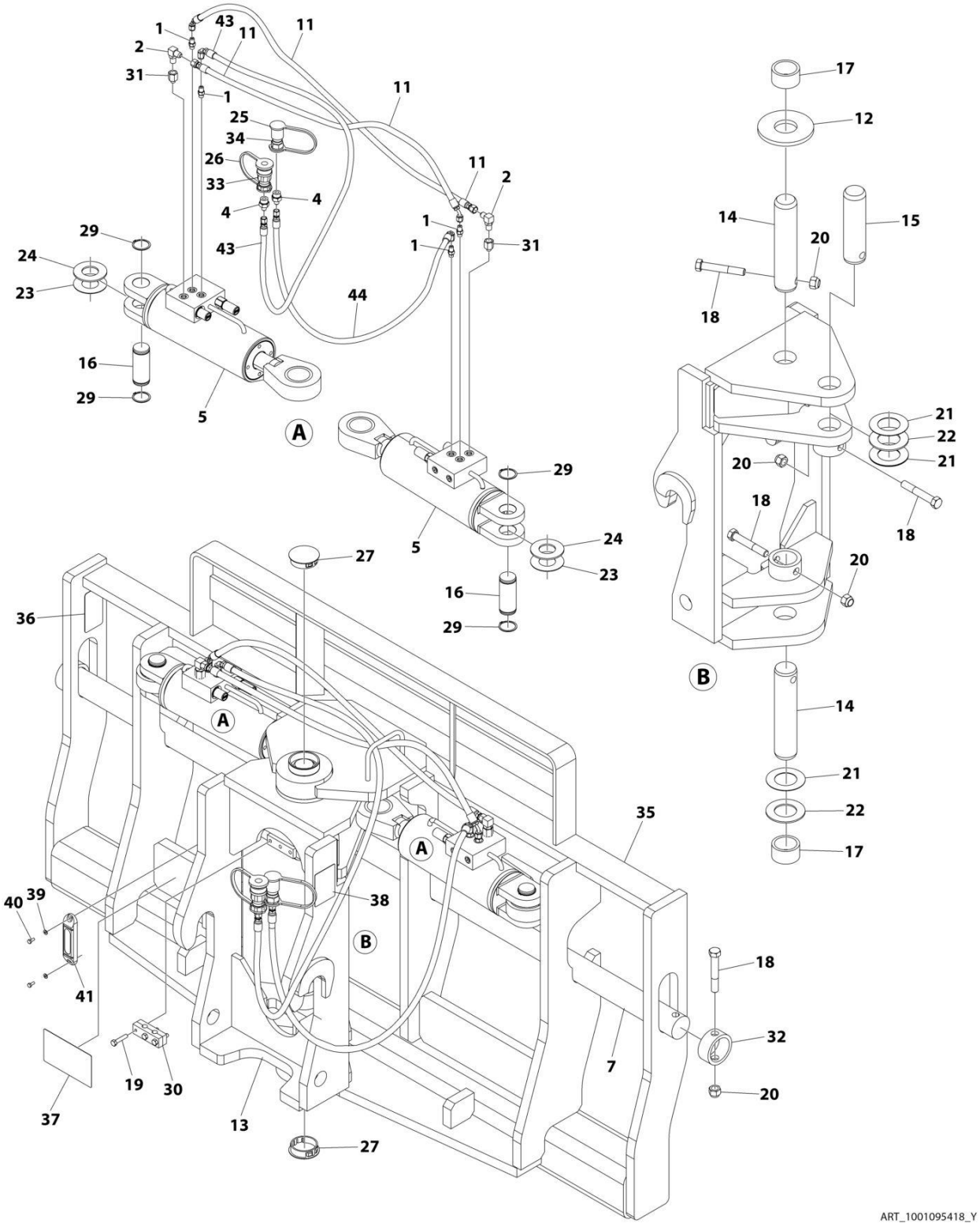


FIGURE 3-23. CARRIAGE ASSEMBLY - 72IN - 90 DEGREE SWING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001095418	Ref	CARRIAGE ASSEMBLY - SWING (72 INCH)	Y
1	2220415	4	Fitting, Straight ORFS	
2	2220473	2	Fitting, 90 ORFS	
4	2220468	2	Fitting, Straight JIC/ORB	
5	1001293182	2	Swing Carriage Cylinder (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
7	3423276	1	Pin	
11	1001286534	2	Hose	
12	7062922	1	Washer	
13	See Note	NSS	Pivot (Note: Purchase Complete Assembly)	
14	7110702	2	Pin	
15	7110712	1	Pin	
16	7110722	2	Pin	
17	8065062	2	Bushing	
18	8303634	5	Bolt 5/8 x 4	
19	8303715	3	Bolt 5/16 x 1-1/2	
20	8305643	5	Nut 5/8	
21	8307904	AR	Washer	
22	8307918	AR	Washer	
23	8310160	AR	Washer	
24	8310161	AR	Washer	
25	8420053	1	Cap	
26	8420055	1	Plug	
27	8580315	2	Plug	
29	8642207	4	Ring, Retaining	
30	8769132	2	Clamp	
31	8770016	2	Fitting, Straight ORFS	
32	90200003	2	Collar	
33	91403413	1	Fitting, Straight ORFS	
34	91403414	1	Fitting, Straight	
35	See Note	NSS	Carriage (Note: Purchase Complete Assembly)	
36	See Note	NSS	SN Plate (Note: Stamped Part - Not Available for Purchase)	
37	1001110704	1	Decal, Warning Crushing Hazard	
38	1001111190	2	Decal, Warning	
39	4811400	2	Washer M4	
40	0760405	2	Bolt M4 x 10	
41	1001227670	1	Tag - RFID	
42	1062255	AR	Tie-Strap (Not Shown)	
43	1001301599	1	Hose	
44	1001301600	1	Hose	

FIGURE 3-24. CARRIAGE ASSEMBLY - 72IN/12000# CAPACITY SIDE TILT

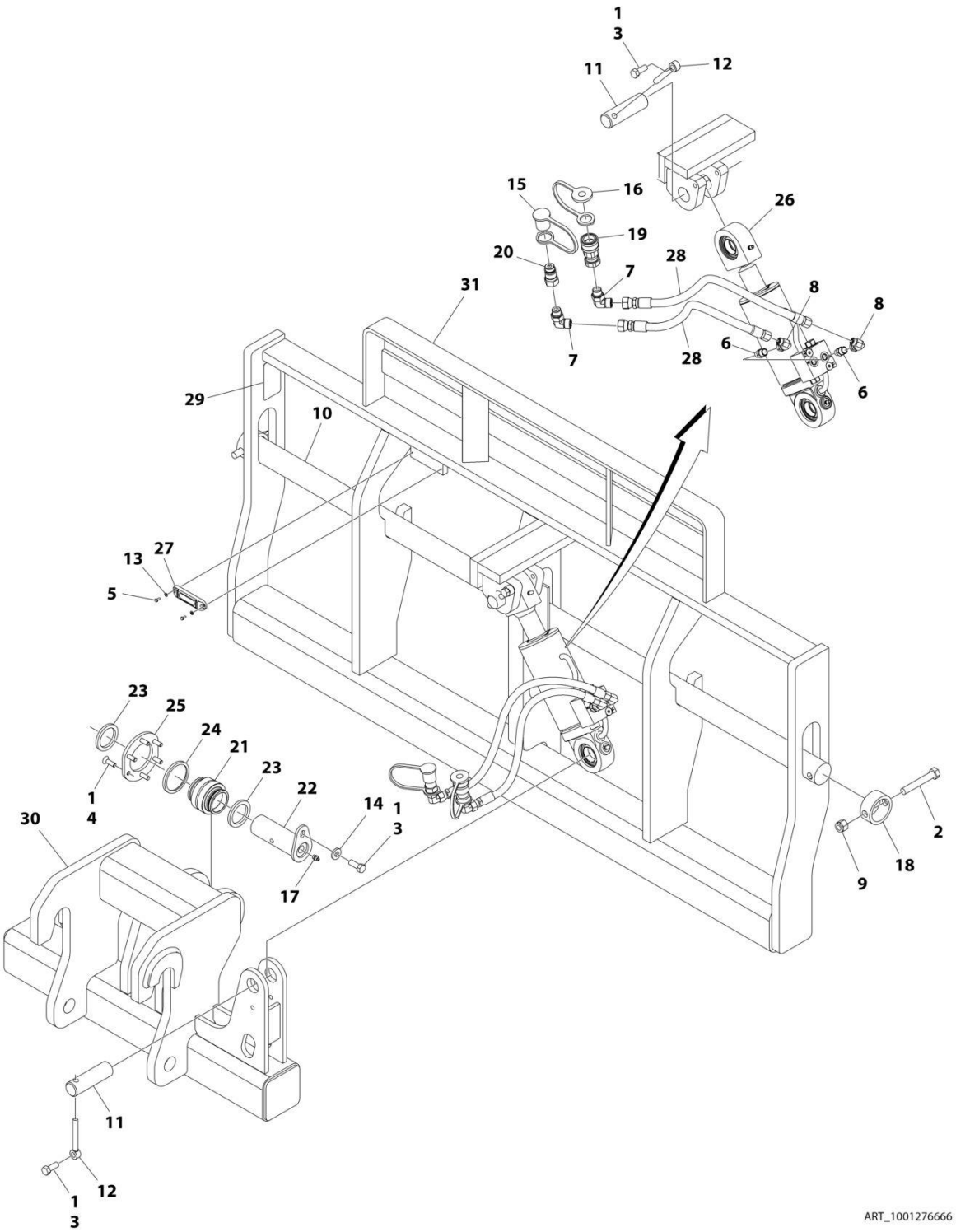


FIGURE 3-24. CARRIAGE ASSEMBLY - 72IN/12000# CAPACITY SIDE TILT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276666	Ref	SIDE TILT CARRIAGE ASSEMBLY (72 INCH)	A
1	0100011	AR	Compound, Locking	
2	0642032	2	Bolt 5/8 x 4	
3	0681810	3	Bolt 1/2 x 1-1/4	
4	0741610	6	Screw 3/8 x 1-1/4	
5	0760405	2	Bolt M4 x 10	
6	2110606	2	Fitting, Straight	
7	2130808	2	Fitting, 90 ORFS	
8	2172106	2	Fitting, 90 ORFS	
9	3300240	2	Nut 5/8	
10	3423276	1	Pin, Fork	
11	3423307	2	Pin, Side Tilt Cylinder	
12	3841203	2	Keeper, Rod	
13	4811400	2	Washer M4	
14	4891800	1	Washer 1/2	
15	8420053	1	Cap, Dust	
16	8420055	1	Plug, Dust	
17	88671001	1	Fitting, Grease	
18	90200003	2	Collar, Fork Pin	
19	91403413	1	Fitting, Straight	
20	91403414	1	Fitting, Straight	
21	1001090140	1	Bearing, Side Tilt Spherical	
22	1001099113	1	Pin, Side Tilt Frame Pivot	
23	1001099115	2	Sleeve, Tilt Bearing Spacer	
24	1001120914	1	Shim, Bearing Retainer	
25	1001120915	1	Plate, Bearing Retainer	
26	1001163414	1	Cylinder, Side Tilt (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
27	1001227670	1	Tag, RFID	
28	1001239734	2	Hose	
29	See Note	NSS	SN Plate (Note: Stamped Part - Not Available for Purchase)	
30	See Note	NSS	Carriage, Base Plate (Note: Purchase Complete Assembly)	
31	See Note	NSS	Carriage, Side Tilt (Note: Purchase Complete Assembly)	

FIGURE 3-25. CARRIAGE ASSEMBLY - DRYWALL (SWING)

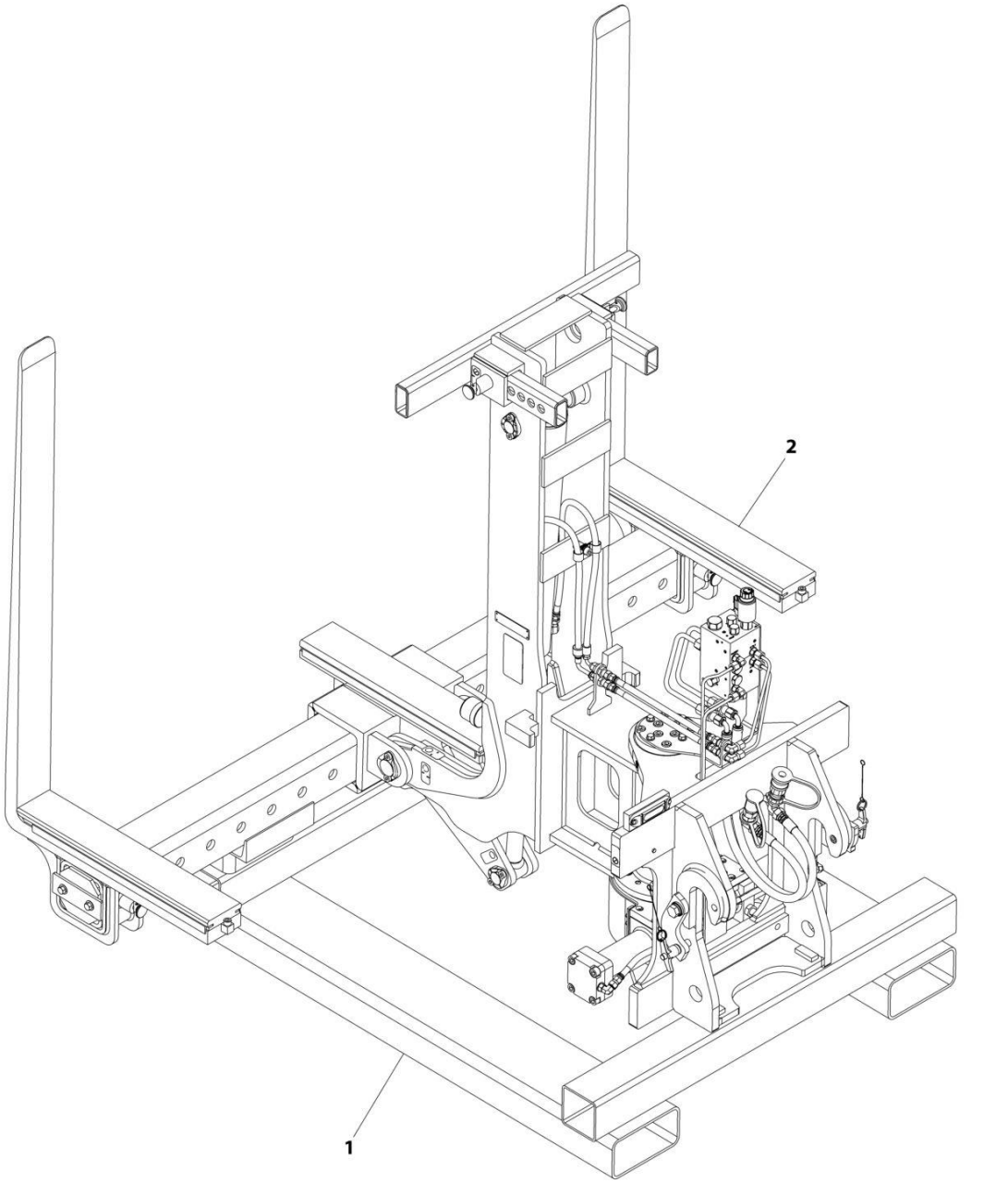


FIGURE 3-25. CARRIAGE ASSEMBLY - DRYWALL (SWING)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001246022	Ref	DRYWALL SWING CARRIAGE INSTALLATION	B
1	1001243214	1	Drywall Cradle	
2	1001230765	1	Rotating Drywall Carriage (See Separate Breakdown in this Section)	

FIGURE 3-26. CARRIAGE ASSEMBLY - DRYWALL SWING CARRIAGE

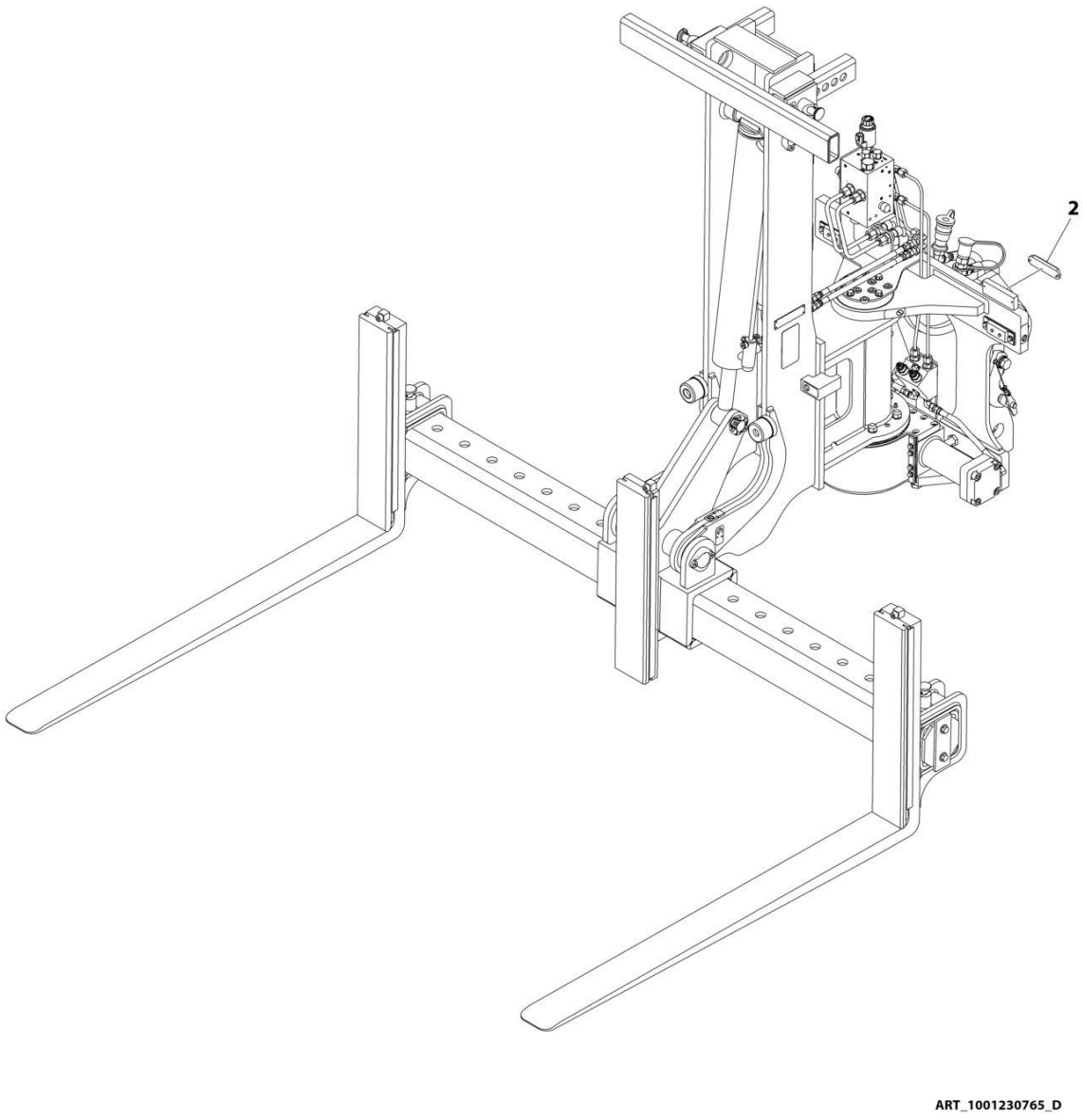


FIGURE 3-26. CARRIAGE ASSEMBLY - DRYWALL SWING CARRIAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230765	Ref	ROTATING DRYWALL CARRIAGE	D
		Ref	Drywall Board Handler (See Separate Breakdown in this Section)	
		Ref	Drywall Pivot Frame Group (See Separate Breakdown in this Section)	
		Ref	Drywall Cylinder (See Separate Breakdown in this Section)	
		Ref	Drywall Hydraulic Group (See Separate Breakdown in this Section)	
		Ref	Drywall Valve Assembly (See Separate Breakdown in this Section)	
		Ref	Drywall Cylinder (See Separate Breakdown in this Section)	
		Ref	Drywall Fork Group (See Separate Breakdown in this Section)	
2	1001227670	1	Tag, RFID	

FIGURE 3-27. CARRIAGE ASSEMBLY - DRYWALL BOARD HANDLER

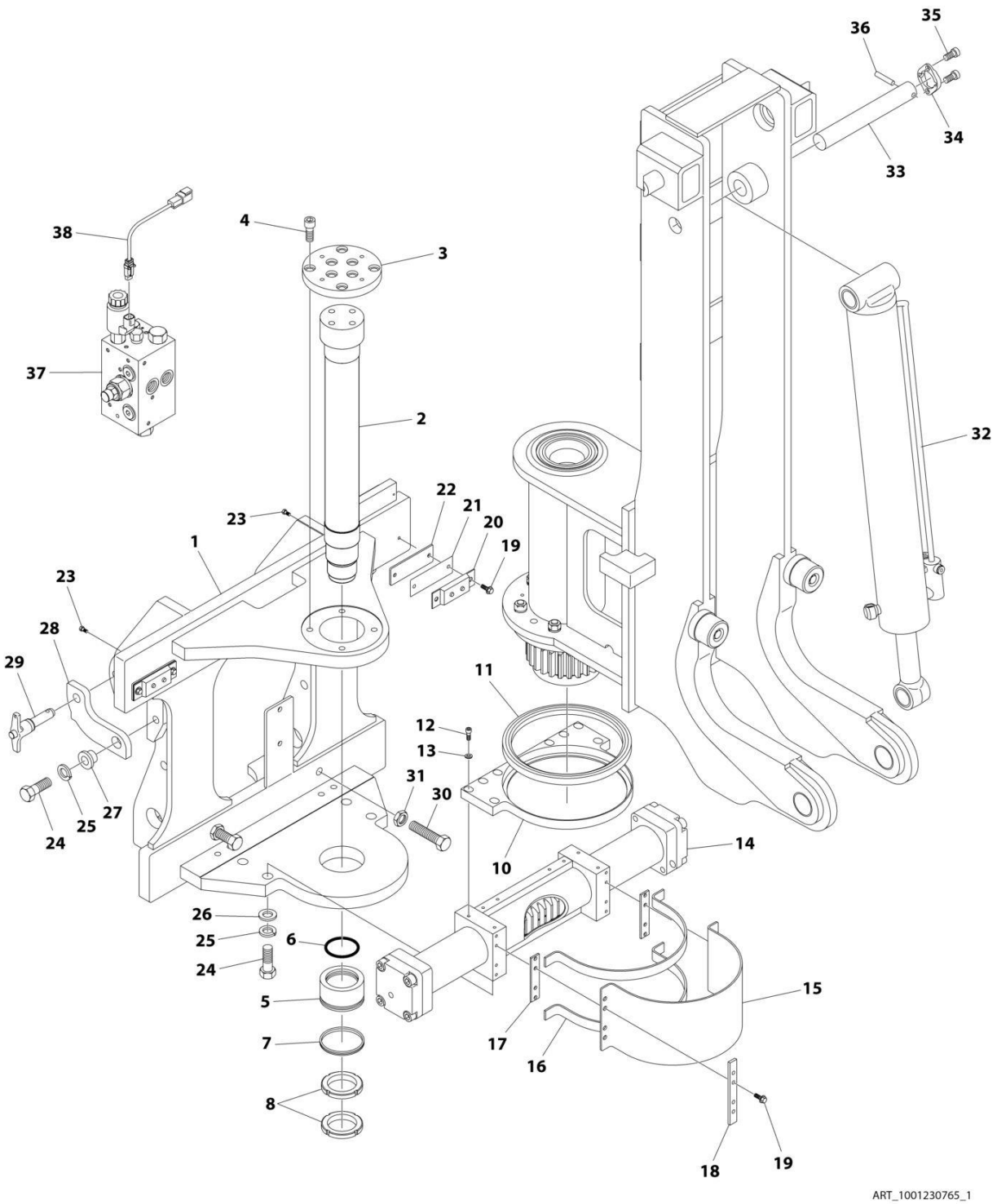


FIGURE 3-27. CARRIAGE ASSEMBLY - DRYWALL BOARD HANDLER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230765	Ref	Drywall - Board Handler	
1	70029608	1	Carriage, Hook Mount	
2	70029609	1	Pivot Shaft	
3	70029610	1	Cap	
4	70029611	8	Screw	
5	70029612	1	Spacer	
6	70029613	1	O-Ring	
7	70029614	1	Dual Seal	
8	70029615	2	Locknut	
10	70029616	1	Upper Housing Assembly	
11	70029648	1	Shaft Seal	
12	70029617	8	Screw	
13	70026480	8	Washer	
14	70029586	1	Cylinder Assembly	
15	70029618	1	Cover Assembly (includes Items 16 & 17)	
16	N.S.S.	2	Gasket	
17	N.S.S.	2	Gasket	
18	70029619	2	Plate	
19	70029620	12	Screw	
20	70029621	2	Cushion	
21	70029622	AR	Shim	
22	70029623	AR	Shim	
23	70029624	2	Screw	
24	70024552	6	Screw	
25	70024551	6	Lockwasher	
26	70029625	4	Washer	
27	70029626	2	Shoulder Boss	
28	70029627	2	Lock Plate	
29	70029628	2	Ball Lock Pin	
30	70029629	2	Screw	
31	70029630	2	Jam Nut	
32	70029587	1	Cylinder Assembly	
33	70029631	1	Pin	
34	70028702	1	Pin Retainer	
35	70028701	2	Screw	
36	70028703	1	Grooved Pin	
37	70029595	1	Valve Assembly	
38	70029588	1	Cable Assembly	

FIGURE 3-28. CARRIAGE ASSEMBLY - DRYWALL PIVOT FRAME

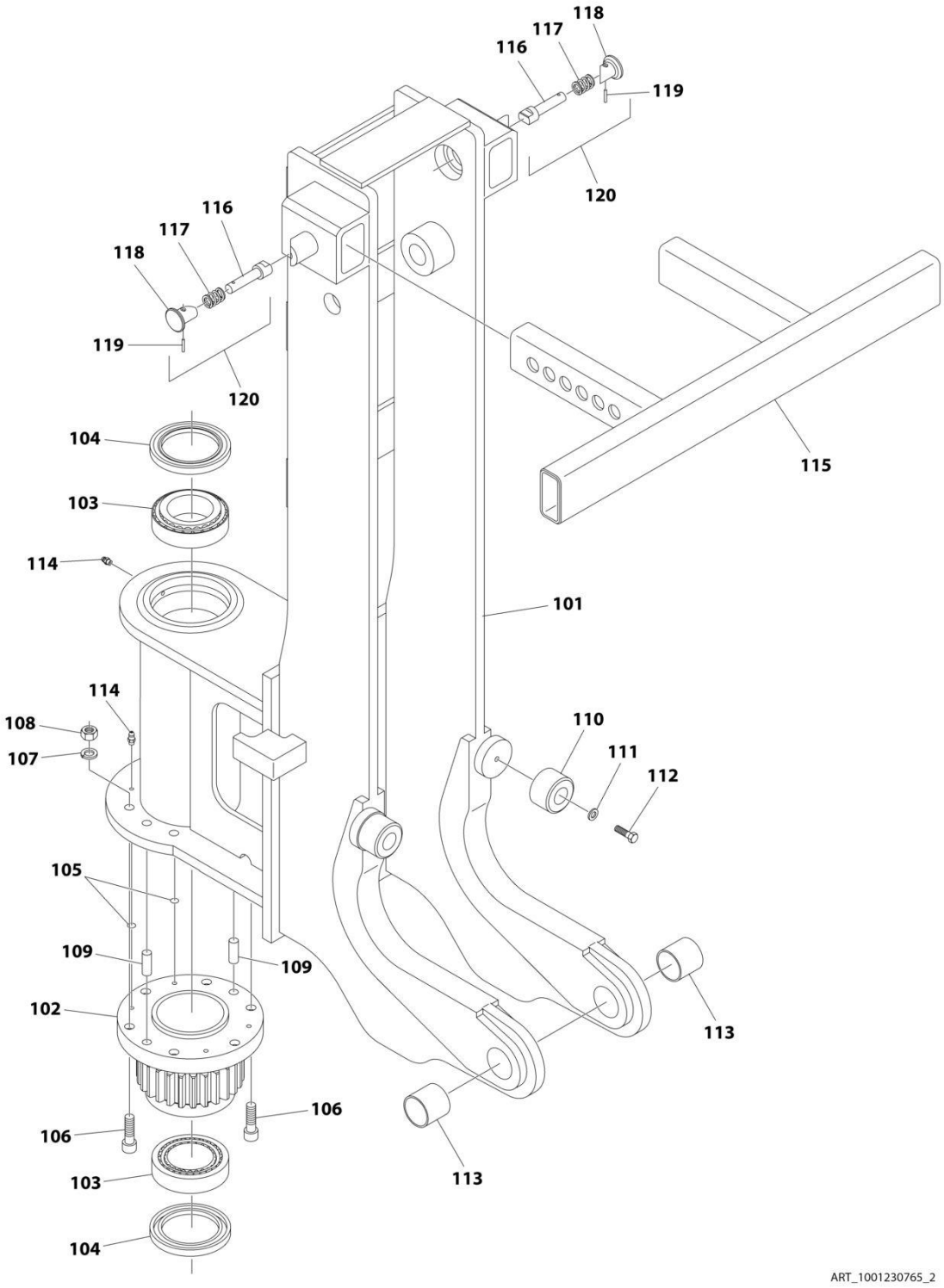


FIGURE 3-28. CARRIAGE ASSEMBLY - DRYWALL PIVOT FRAME

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230765	Ref	Drywall - Pivot Frame Group	
101	70029632	1	Pivot Frame	
102	70029633	1	Pinion Gear	
103	70029634	2	Bearing	
104	70029635	2	Shaft Seal	
105	70029636	2	O-Ring	
106	70024684	6	Screw	
107	70029637	6	Lockwasher	
108	70029638	6	Nut	
109	70029639	2	Dowel Pin	
110	70029640	2	Bumper	
111	70024721	2	Washer, M8	
112	70029641	2	Screw	
113	70029642	2	Bearing	
114	70024679	3	Grease Fitting	
115	70029643	1	Load Support	
116	70028154	1	Pin	
117	70028155	1	Spring	
118	70024759	1	Knob	
119	70024761	1	Spring Pin	
120	70028153	2	Pin Kit (includes Items 116 thru 119)	

FIGURE 3-29. CARRIAGE ASSEMBLY - DRYWALL CYLINDER

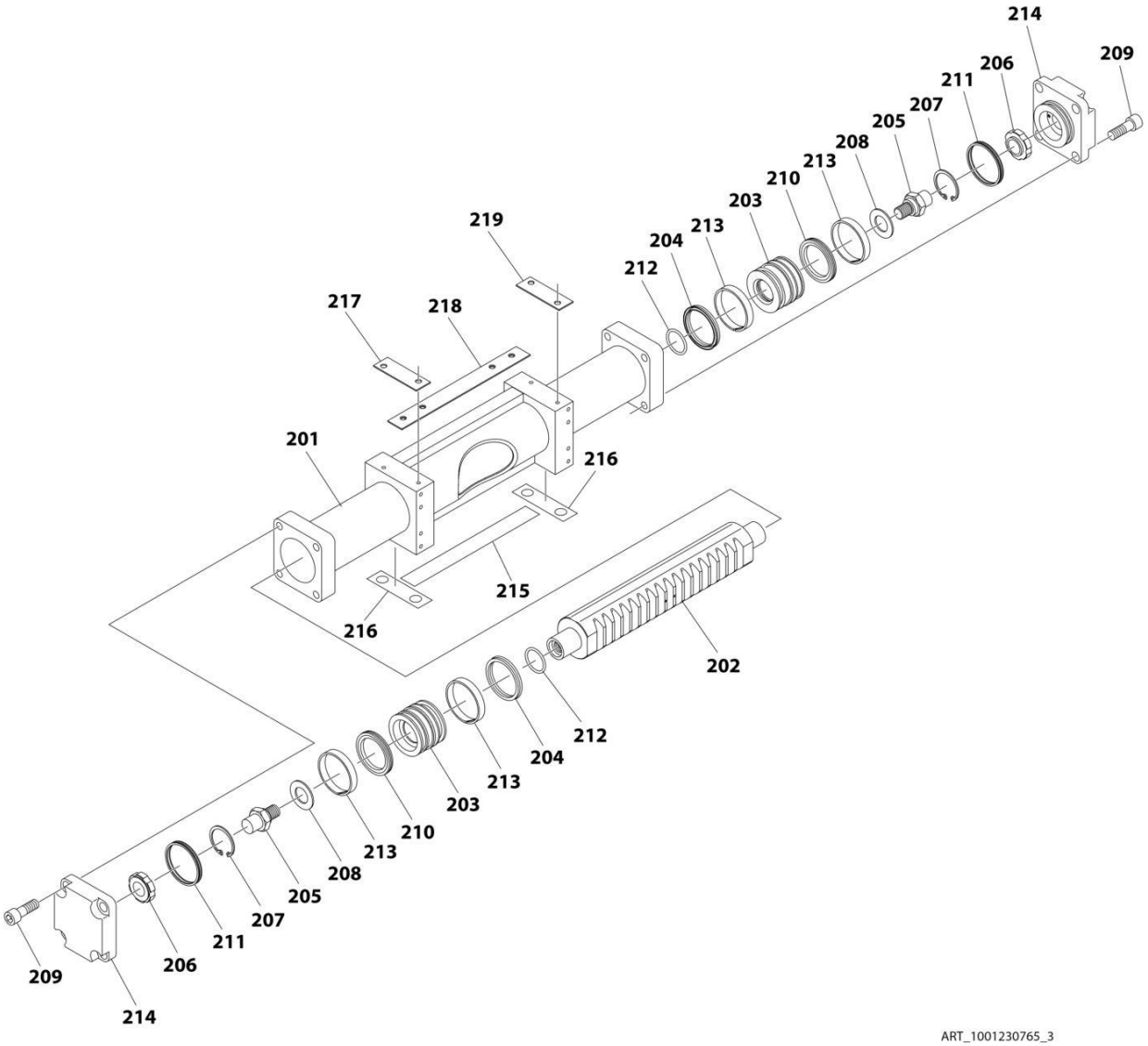


FIGURE 3-29. CARRIAGE ASSEMBLY - DRYWALL CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230765	Ref	Drywall - Cylinder	
201	N.S.S.	1	Barrel	
		Ref	**Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.**	
202	70029644	1	Rod	
203	70029645	3	Piston	
204	70029646	2	Wiper	
205	70029681	2	Cushion Spear	
206	70029682	2	Cushion	
207	70029683	2	Retaining Ring	
208	70029684	2	Washer	
209	70029685	8	Screw	
210	70029686	2	Piston Seal	
211	70029687	2	Dual Seal	
212	70029688	2	O-Ring	
213	70029689	4	Wear Ring	
214	70029690	2	End Cap	
215	70029691	1	Gasket Tape	
216	70029692	2	Gasket Tape	
217	70029693	1	Gasket, RH	
218	70029694	1	Gasket, Rear	
219	70029695	1	Gasket, LH	

FIGURE 3-30. CARRIAGE ASSEMBLY - DRYWALL HYDRAULICS

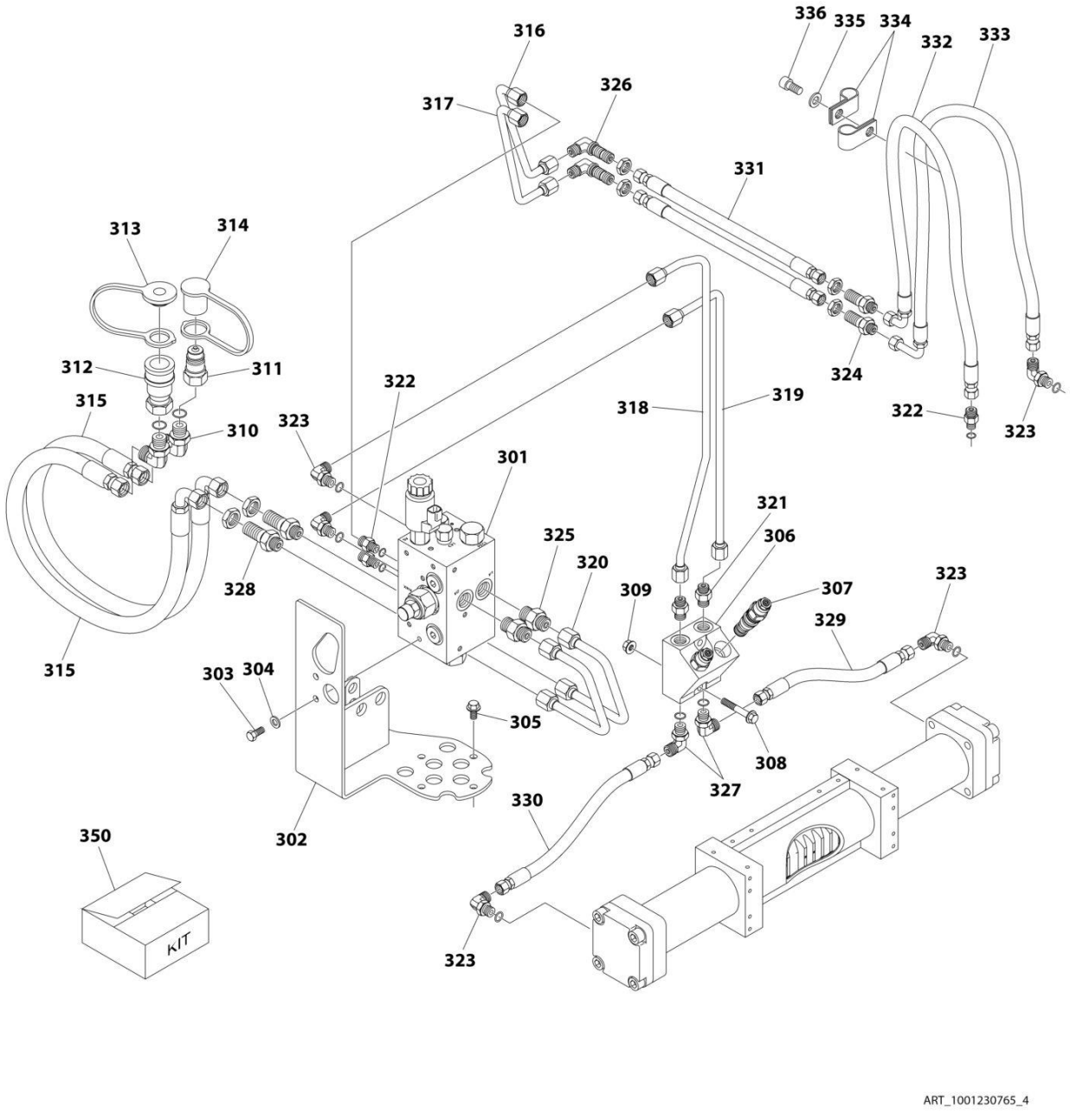


FIGURE 3-30. CARRIAGE ASSEMBLY - DRYWALL HYDRAULICS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230765	Ref	Drywall - Hydraulic Group	
301	70029595	1	Valve Assembly	
302	70029659	1	Valve Mounting Bracket	
303	70028130	2	Screw	
304	70024721	2	Washer	
305	70029660	4	Bolt	
306	70029661	1	Inline Valve Body	
307	70029662	2	Cartridge, Counterbalance	
308	70029663	2	Screw	
309	70029664	2	Nut	
310	70024127	2	Adapter	
311	91403414	1	Quick Disconnect, Male	
312	91403413	1	Quick Disconnect, Female	
313	8420055	1	Dust Cap	
314	8420053	1	Dust Plug	
315	70029665	2	Hose 30in (Boom Front Disconnect)	
315	70031447	2	Hose 42in (Boom Side Disconnect)	
316	70029666	1	Tube	
317	70029667	1	Tube	
318	70029668	1	Tube	
319	70029669	1	Tube	
320	70029670	2	Tube	
321	70029671	2	Fitting	
322	70029672	3	Fitting	
323	70029673	5	Fitting	
324	70028768	2	Fitting	
325	70029674	2	Fitting	
326	70029675	2	Fitting	
327	70028661	2	Fitting	
328	70023000	2	Bulkhead Union Elbow	
329	70029676	1	Hose, 310 mm	
330	70029677	1	Hose, 255 mm	
331	70029678	2	Hose, 340 mm	
332	70029679	1	Hose, 800 mm	
333	70029680	1	Hose, 805 mm	
334	70026481	2	Hose Clamp	
335	70026482	1	Washer	
336	70028672	1	Screw	
350	70031440	1	Disconnect Hose Kit (Boom Front Disconnect) (Includes Items 310-315)	
350	70031441	1	Disconnect Hose Kit (Boom Side Disconnect) (Includes Items 310-315)	

FIGURE 3-31. CARRIAGE ASSEMBLY - DRYWALL VALVE ASSEMBLY

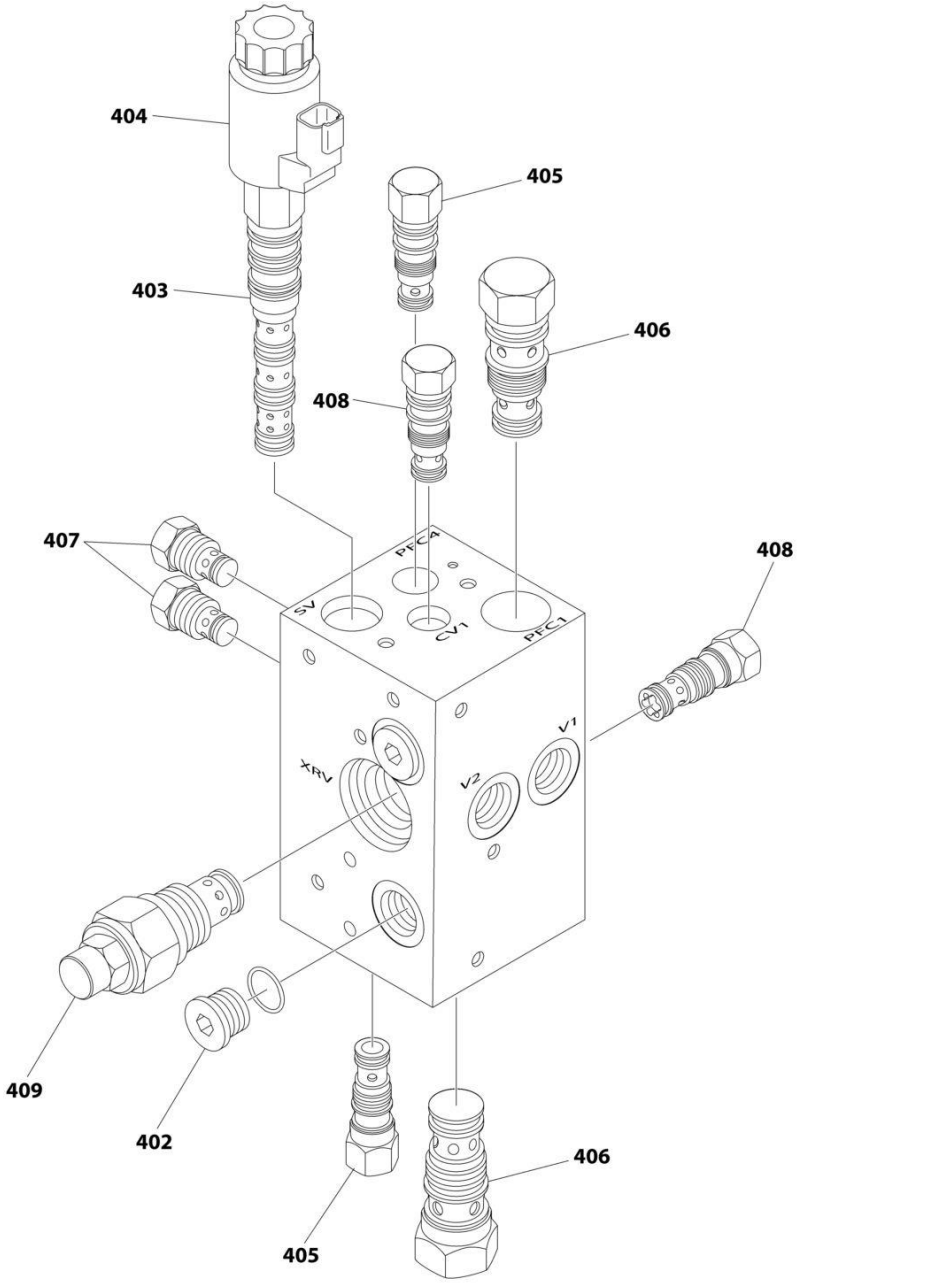


FIGURE 3-31. CARRIAGE ASSEMBLY - DRYWALL VALVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230765	Ref	Drywall - Valve Assembly	
402	70028119	2	Plug	
403	70029596	1	Cartridge, Directional Control	
404	70029597	1	Coil, 12V	
405	70029598	2	Cartridge, Flow Control	
406	70029599	2	Cartridge, Flow Control	
407	70029600	2	Cartridge, Check	
408	70029601	2	Cartridge, Check	
409	70029602	1	Cartridge, Pressure Control	

FIGURE 3-32. CARRIAGE ASSEMBLY - DRYWALL CYLINDER

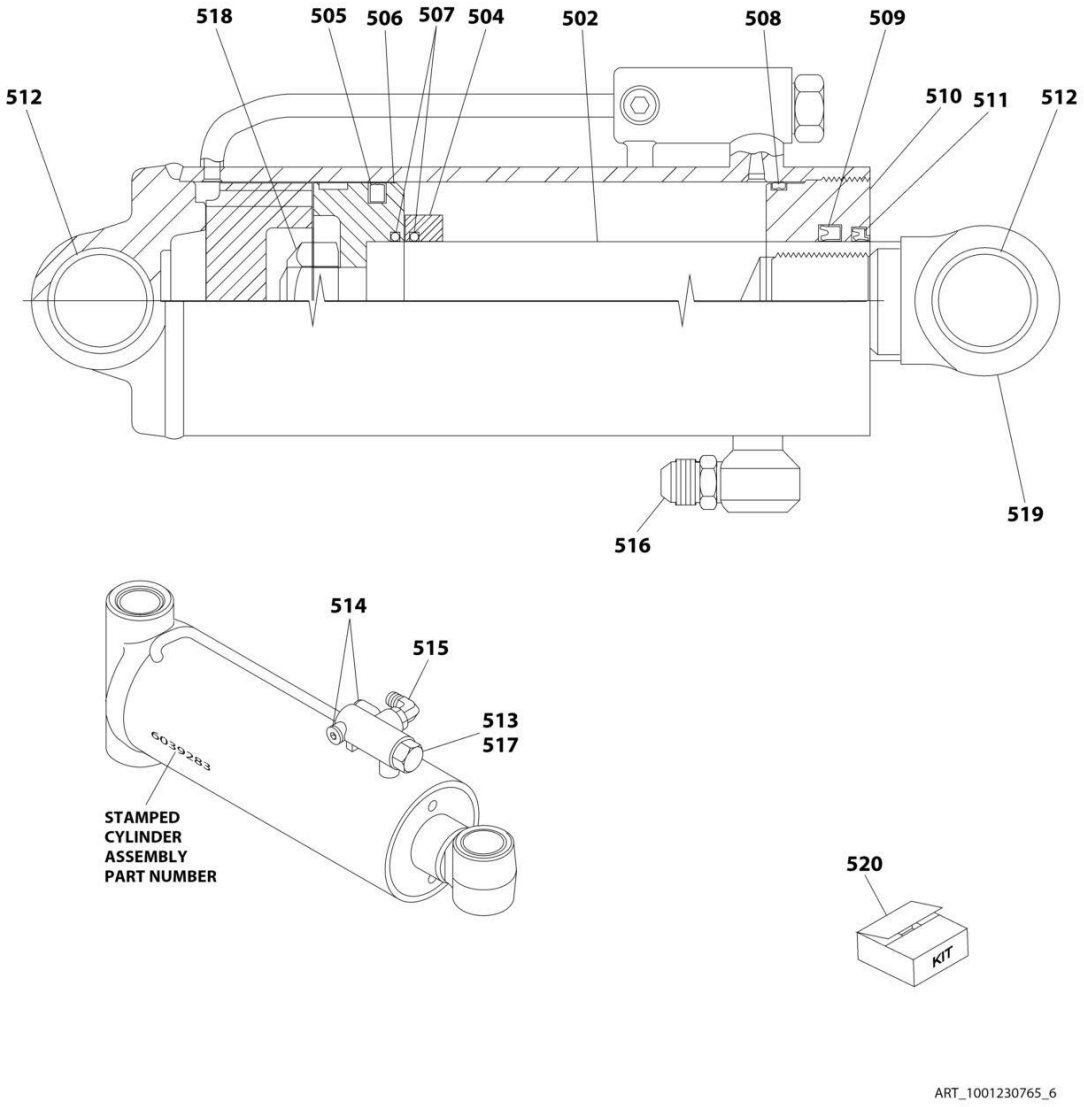


FIGURE 3-32. CARRIAGE ASSEMBLY - DRYWALL CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230765	Ref	Drywall - Cylinder	
502	70029593	1	Rod Assembly (Includes Item 512 & 519)	
		Ref	**Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.**	
504	70029603	1	Spacer, Piston	
505	N.S.S.	1	Piston Seal	
506	70029594	1	Piston	
507	N.S.S.	2	O-Ring	
508	N.S.S.	1	Dual Seal	
509	N.S.S.	1	Rod Seal	
510	70029604	1	Retainer	
511	N.S.S.	1	Rod Wiper	
512	70029605	2	Bushing	
513	70024733	1	Valve, Check	
514	70024129	2	Fitting	
515	70029606	1	Fitting	
516	70029607	1	Fitting	
517	70024734	1	Check Valve Service Kit	
518	70026503	1	Nut	
519	70029647	1	Rod End	
520	70029592	1	Service Kit, Cylinder (Includes Items 505, 507 thru 511)	

FIGURE 3-33. CARRIAGE ASSEMBLY - DRYWALL FORKS

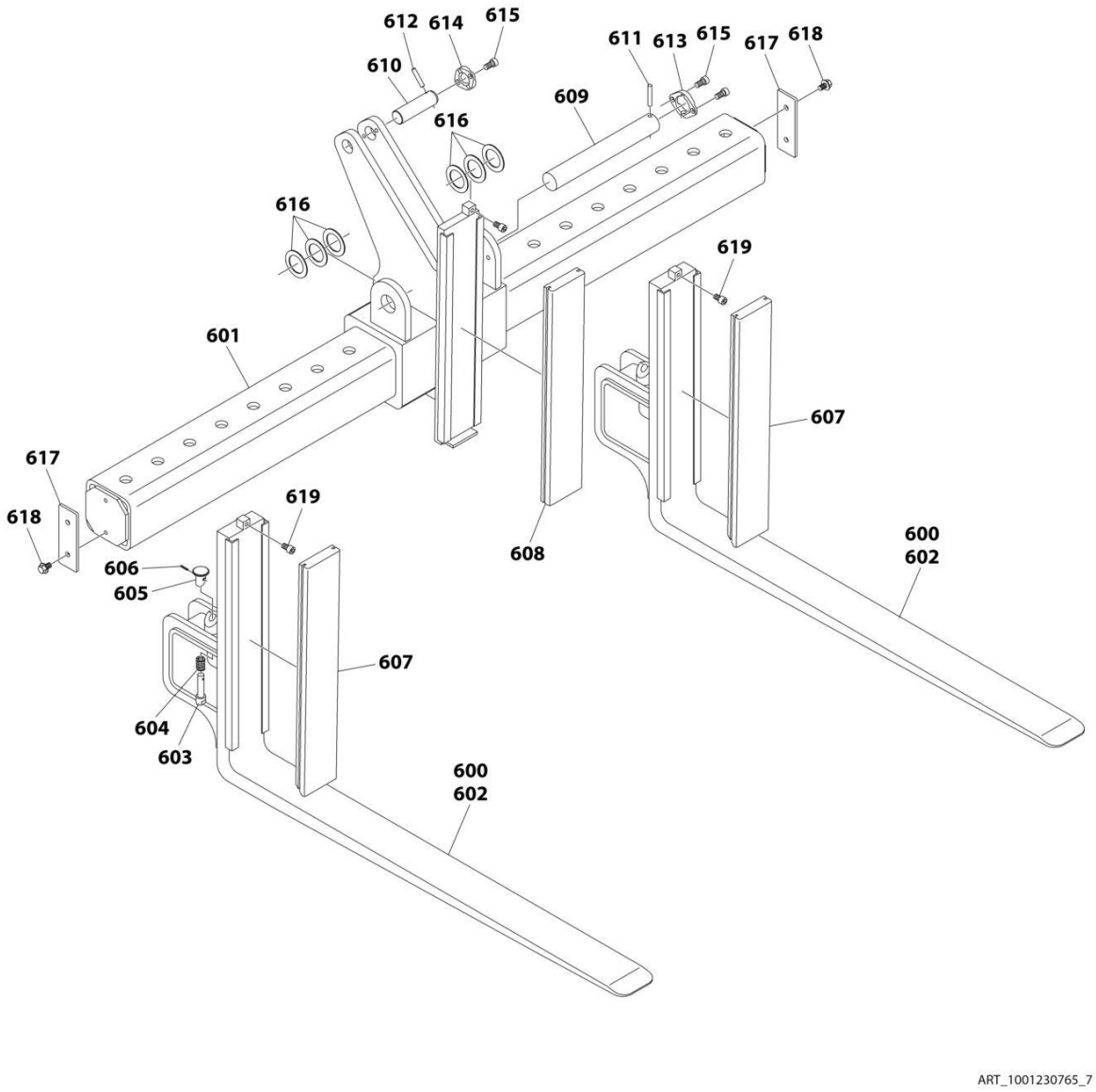


FIGURE 3-33. CARRIAGE ASSEMBLY - DRYWALL FORKS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230765	Ref	Drywall - Fork Group	
600	70029649	2	Fork Assembly	
601	70029650	1	Fork Mount Assembly	
602	70029651	1	Fork	
	70028153	1	Pin Kit (includes Items 603 thru 606)	
603	70028154	1	Pin	
604	70028155	1	Spring	
605	70024759	1	Knob	
606	70024761	1	Spring Pin	
607	70029652	2	Bumper	
608	70029653	1	Bumper	
609	70029654	1	Pin	
610	70029655	1	Pin	
611	70028706	1	Pin	
612	70028703	1	Pin	
613	70028707	1	Retainer	
614	70028702	1	Retainer	
615	70028701	4	Bolt	
616	70028708	6	Shim	
617	70029656	2	Retainer	
618	70029657	4	Screw	
619	70029658	3	Screw	

FIGURE 3-34. FORK 2X2X48 / 1940# CAPACITY

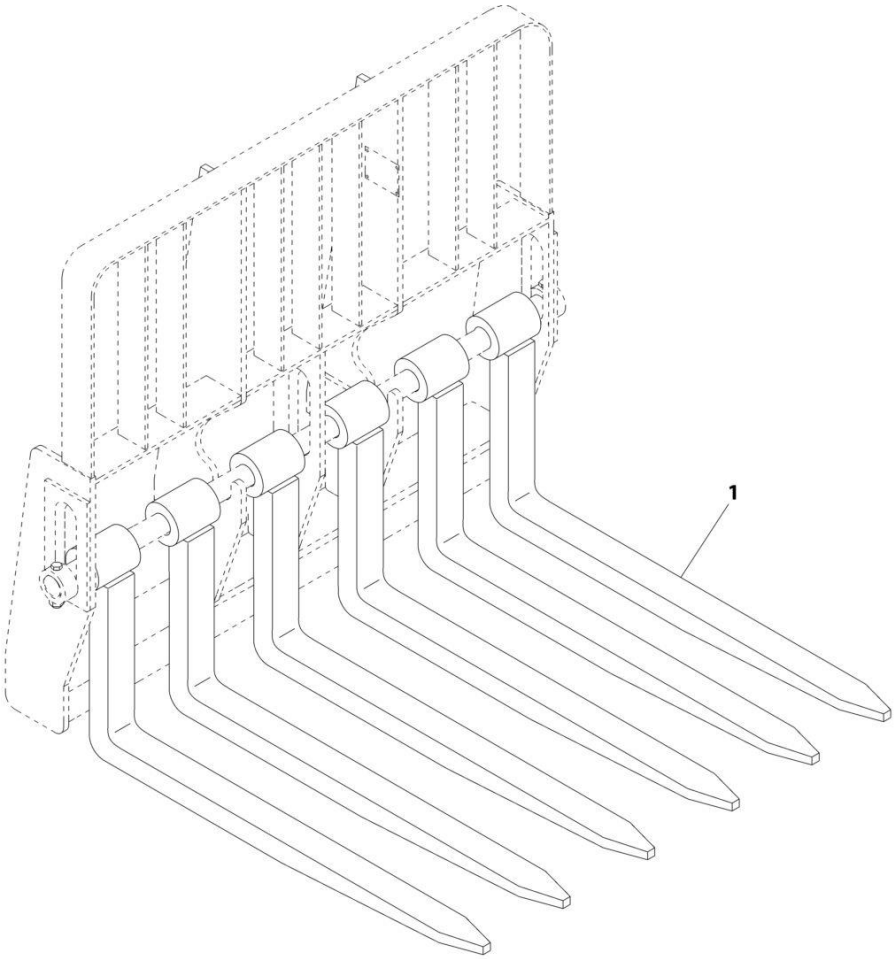


FIGURE 3-34. FORK 2X2X48 / 1940# CAPACITY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	2340037	1	Cubing Fork (2.00X2X48)	A
	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 3-35. FORK 2.36X4X48 / 5000# CAPACITY

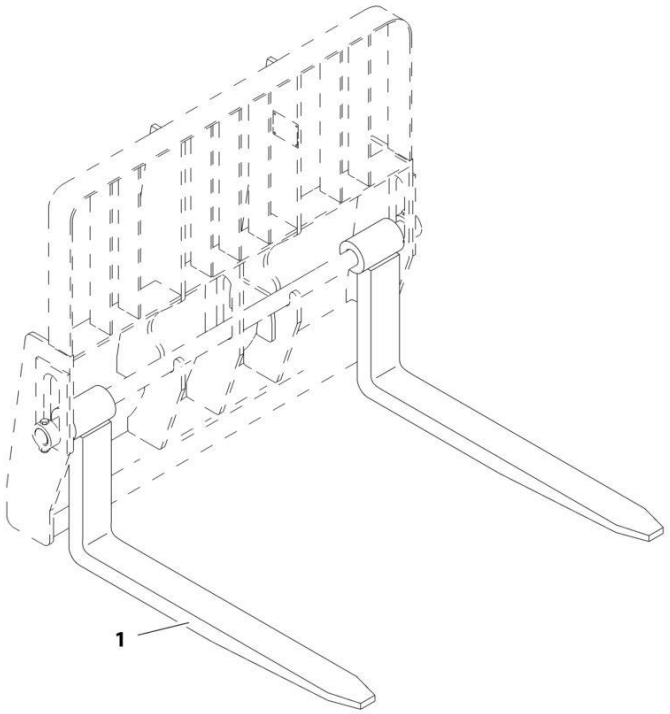


FIGURE 3-35. FORK 2.36X4X48 / 5000# CAPACITY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	2340045	2	Pallet Fork (2.36X4X48)	
	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 3-36. FORK 2.36X4X48 / 5475# CAPACITY

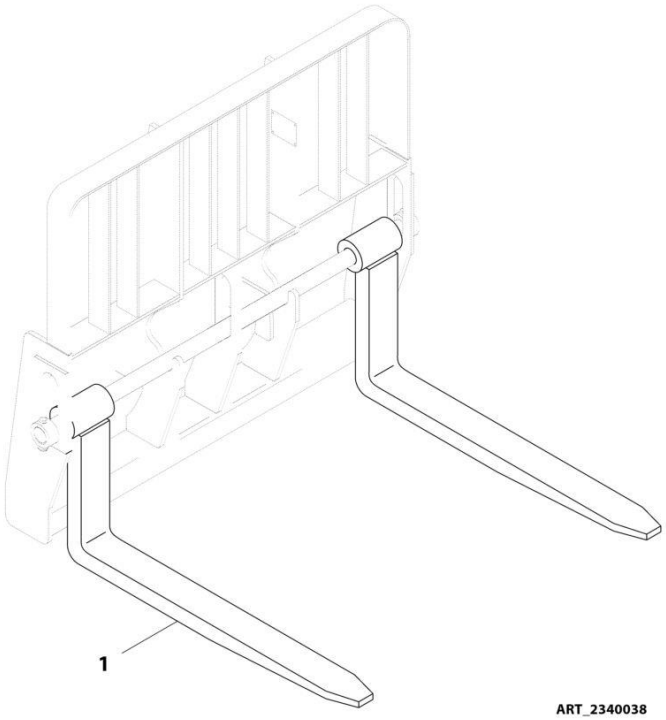
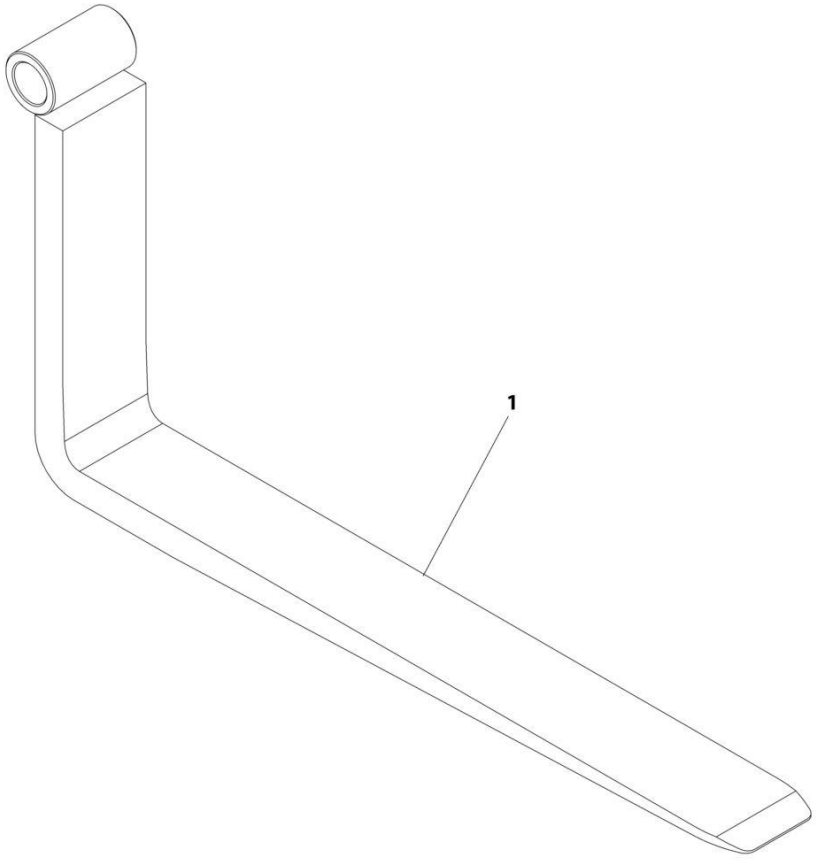


FIGURE 3-36. FORK 2.36X4X48 / 5475# CAPACITY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	2340038	2	Pallet Fork (2.36X5X48)	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 3-37. FORK 2.00X6X48 / 6005# CAPACITY



ART_1001258605

FIGURE 3-37. FORK 2.00X6X48 / 6005# CAPACITY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001258605	2	Fork - Pallet (2.00X6X48)	A
N1	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.	
N2	Note	Ref	PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.	

FIGURE 3-38. FORK 2.36X5X48 / 6850# CAPACITY

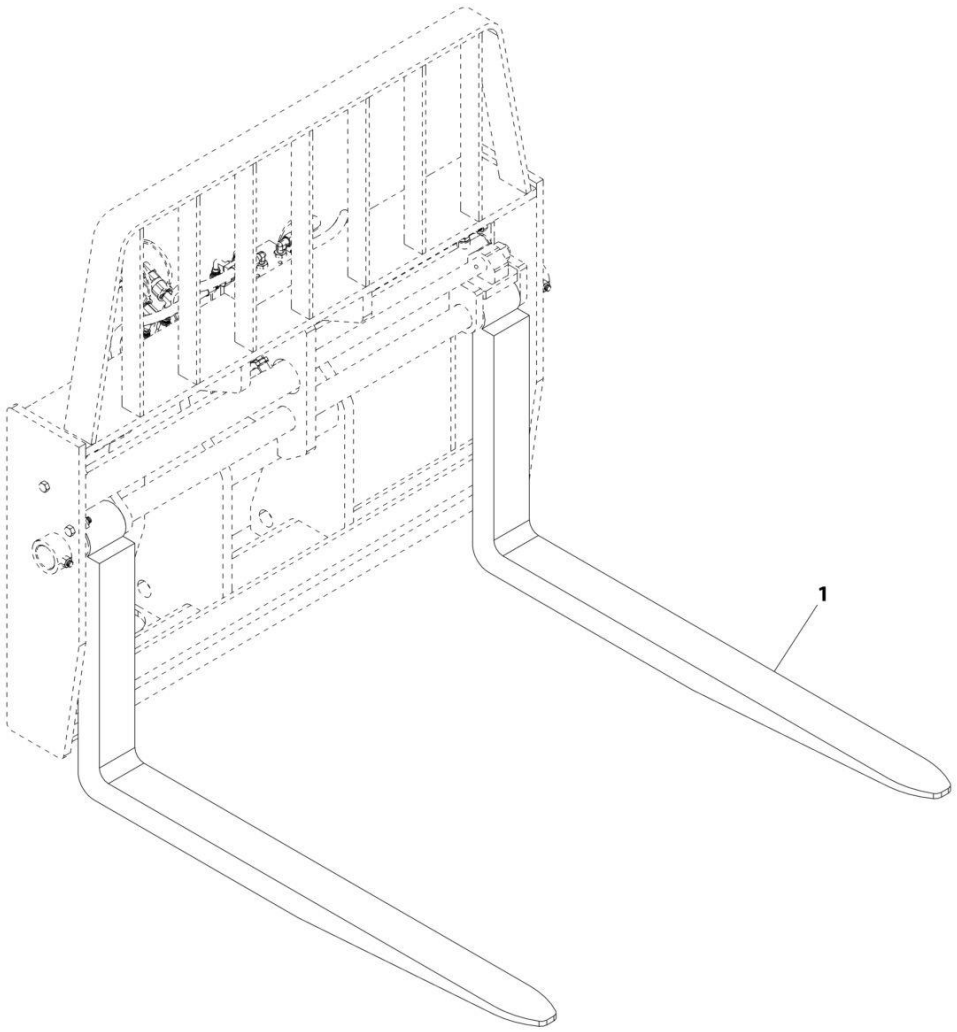


FIGURE 3-38. FORK 2.36X5X48 / 6850# CAPACITY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	7301408	2	Pallet Fork (2.36X4X48)	D
N1	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.**	
N2	Note	Ref	**PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.**	

FIGURE 3-39. FORK 2.36X4X60 / 5000# CAPACITY

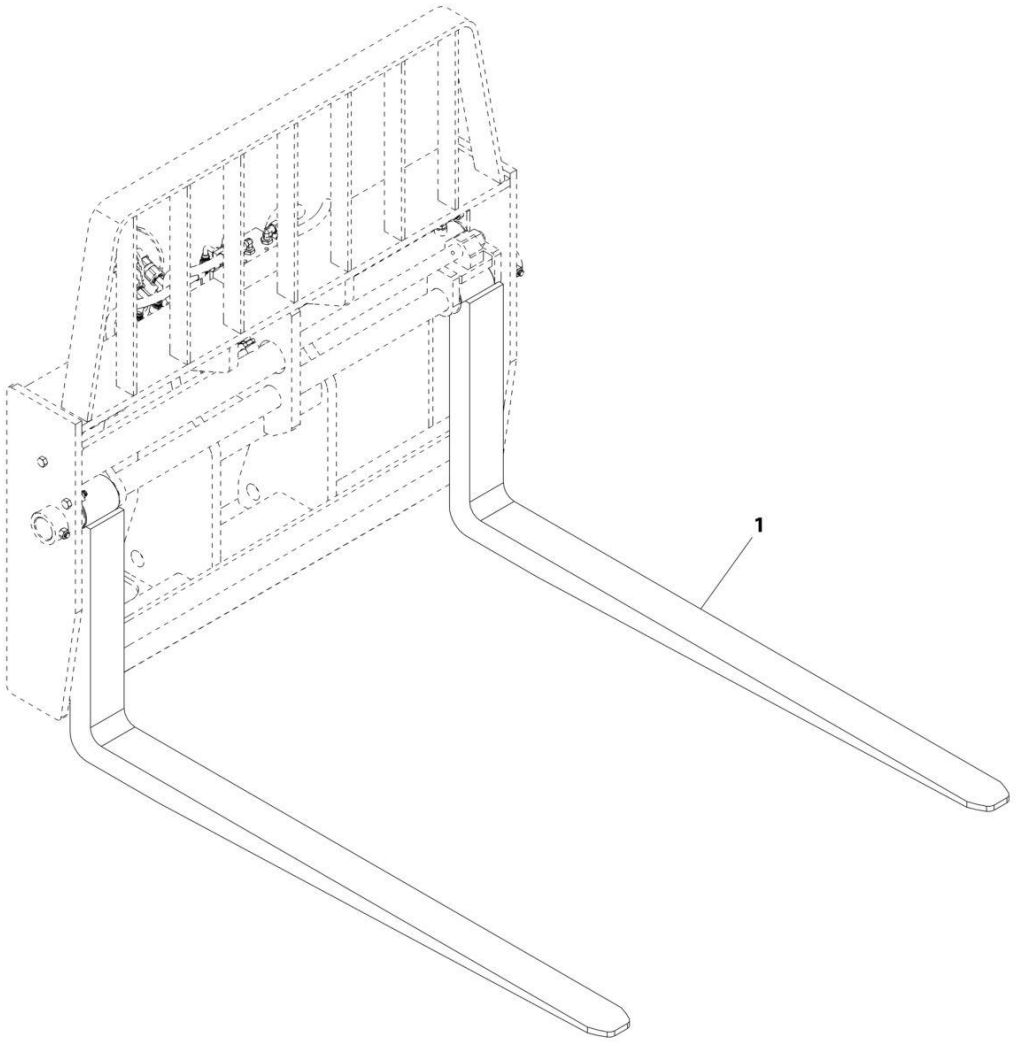


FIGURE 3-39. FORK 2.36X4X60 / 5000# CAPACITY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001227379	2	Pallet Fork (2.36X4X60)	A
N1	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.**	
N2	Note	Ref	**PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.**	

FIGURE 3-40. FORK 2.36X5X60 / 6850# CAPACITY

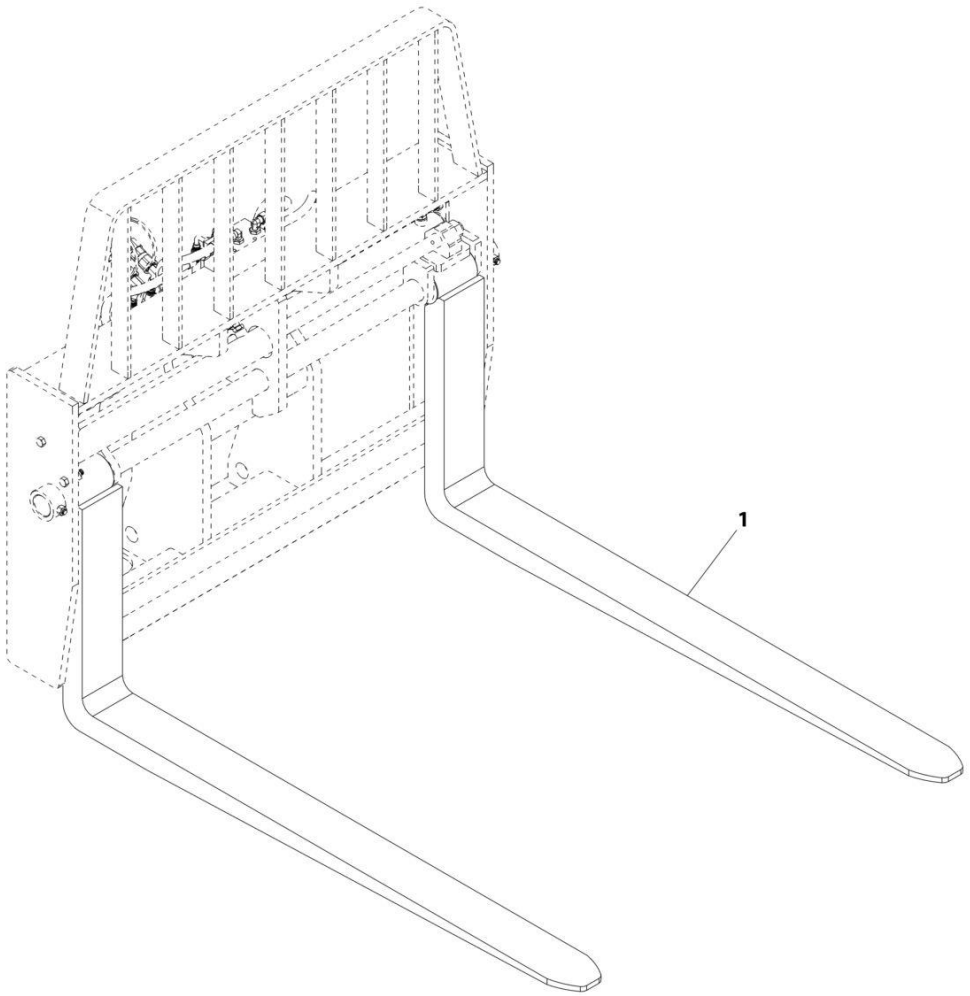


FIGURE 3-40. FORK 2.36X5X60 / 6850# CAPACITY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001227382	1	Pallet Fork (2.36X5X60)	A
N1	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.**	
N2	Note	Ref	**PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.**	

FIGURE 3-41. FORK 2.36X6X60 / 8150# CAPACITY

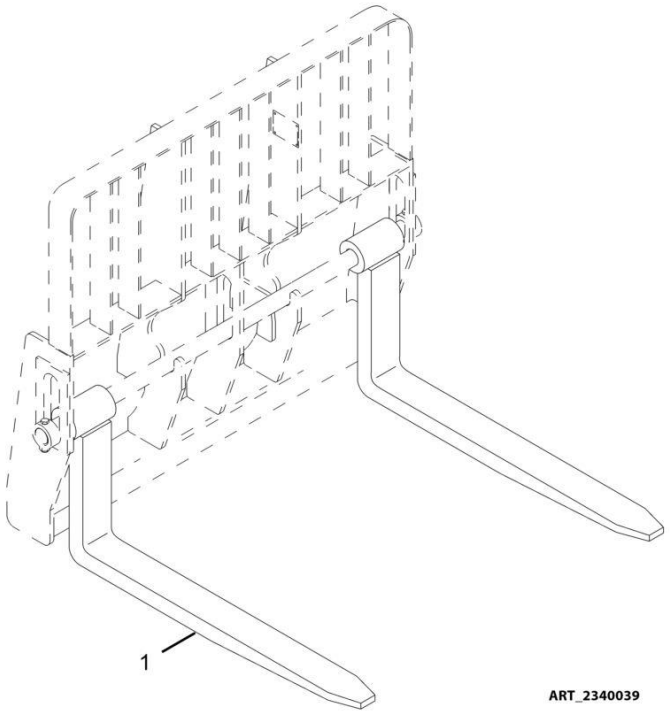


FIGURE 3-41. FORK 2.36X6X60 / 8150# CAPACITY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	2340039	2	Lumber Fork (60X150X1524)	
	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 3-42. FORK 2.00X6X72 / 6610# CAPACITY

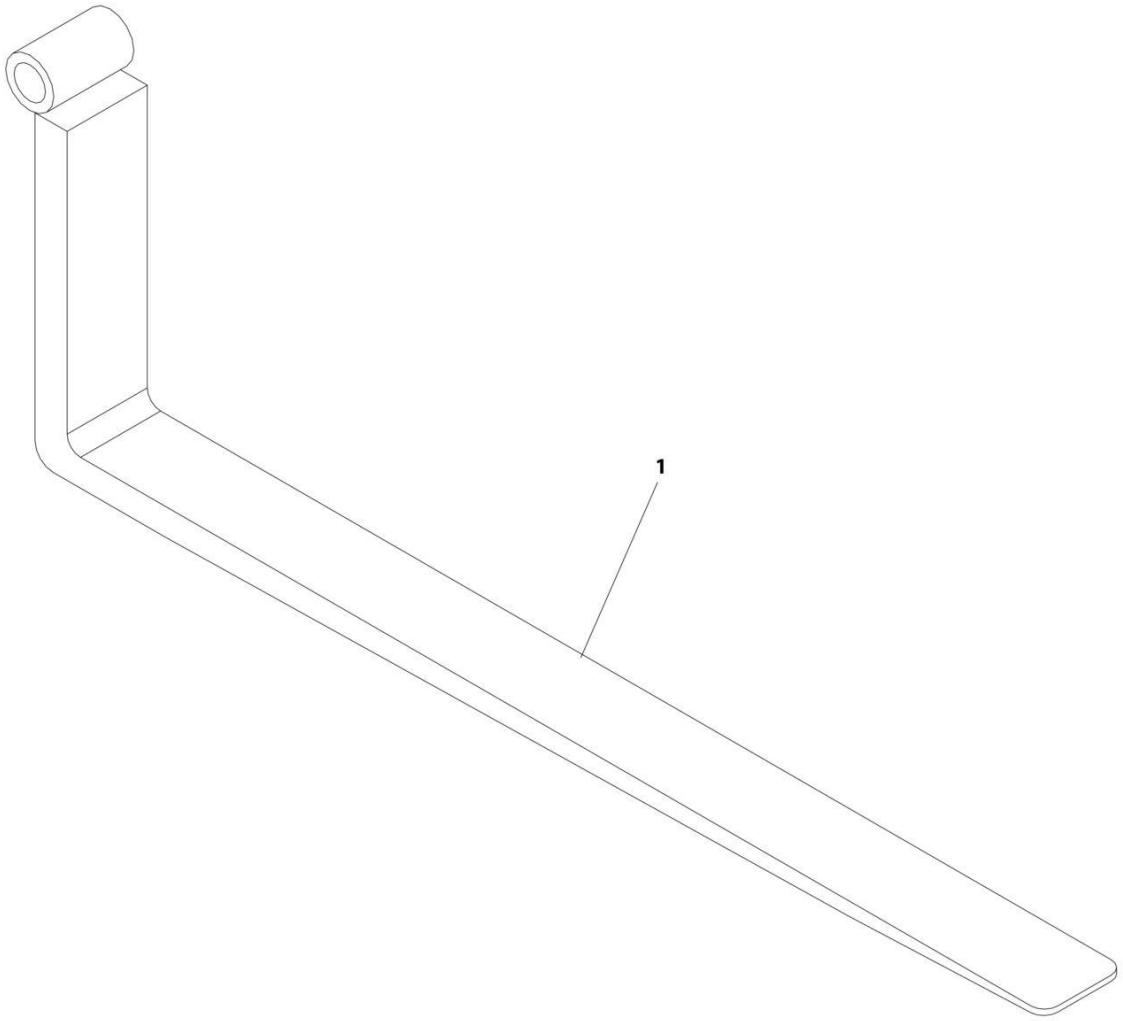
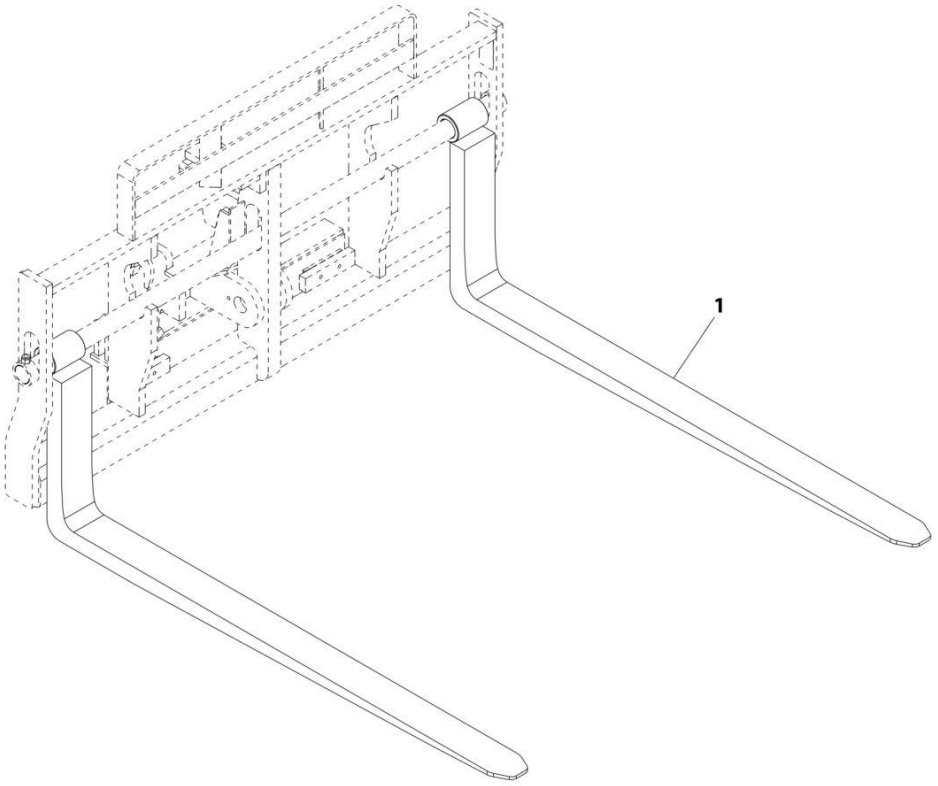


FIGURE 3-42. FORK 2.00X6X72 / 6610# CAPACITY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001259206	2	Dual Taper Fork (2.00X6X72)	A
	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 3-43. FORK 2.36X5X72 / 6850# CAPACITY



ART_1001232355

FIGURE 3-43. FORK 2.36X5X72 / 6850# CAPACITY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232355	1 pr	Pallet Fork (2.36X5X72)	A
	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 3-44. FORK 40X150X1540

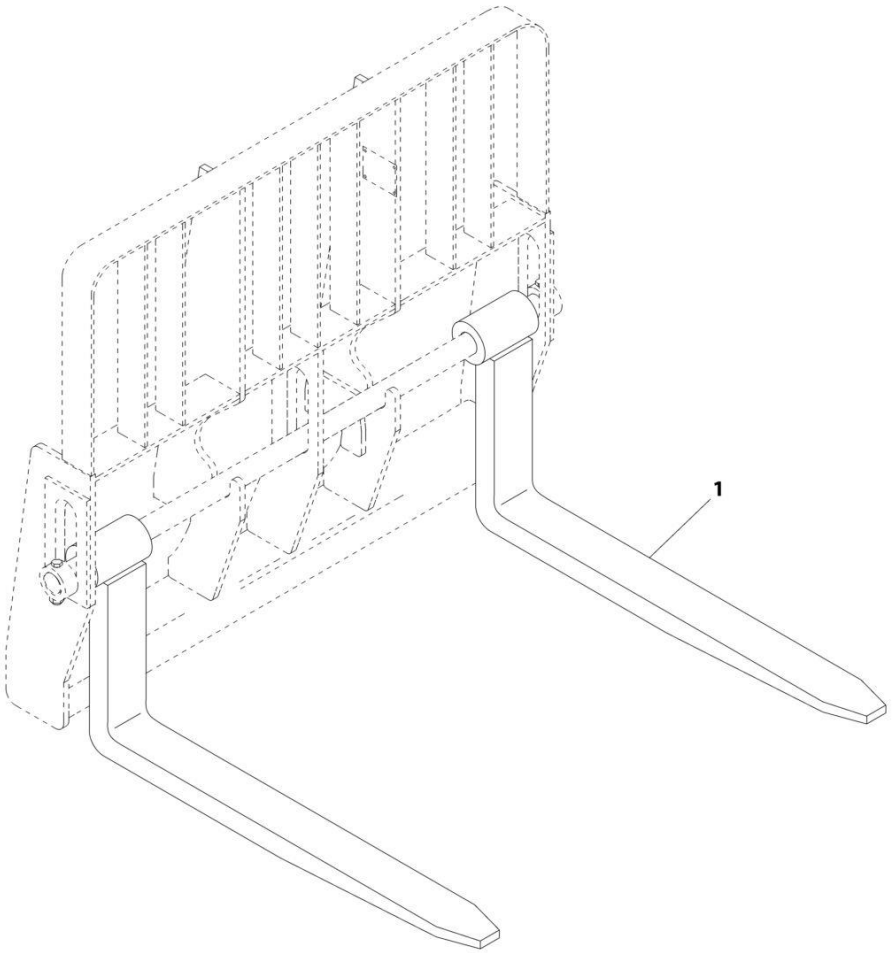


FIGURE 3-44. FORK 40X150X1540

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001099457	2	Lumber Fork (1.5X6X60)	C
	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 3-45. FORK 50X180X1540

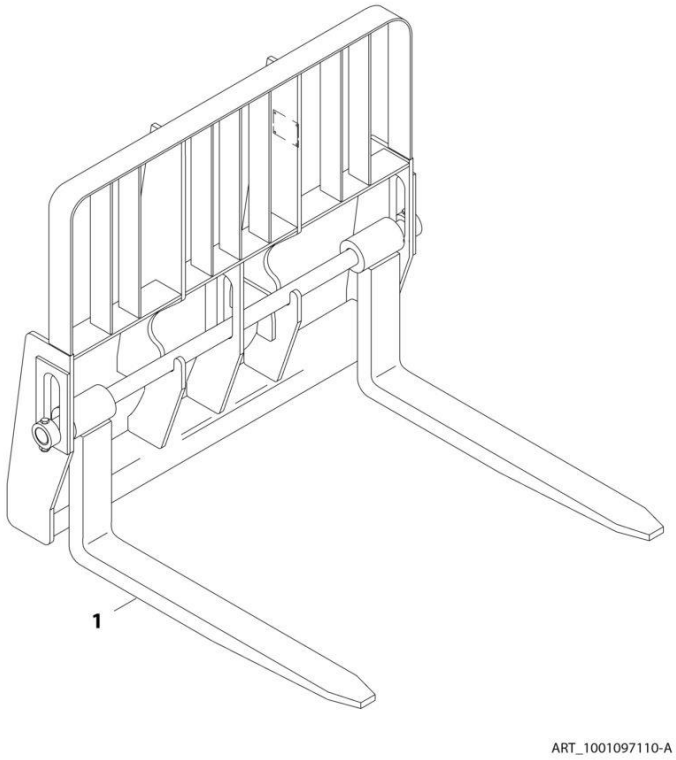


FIGURE 3-45. FORK 50X180X1540

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001097110	2	Lumber Fork (2.00X7X60)	A
	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 3-46. FORK EXTENSION - 90IN

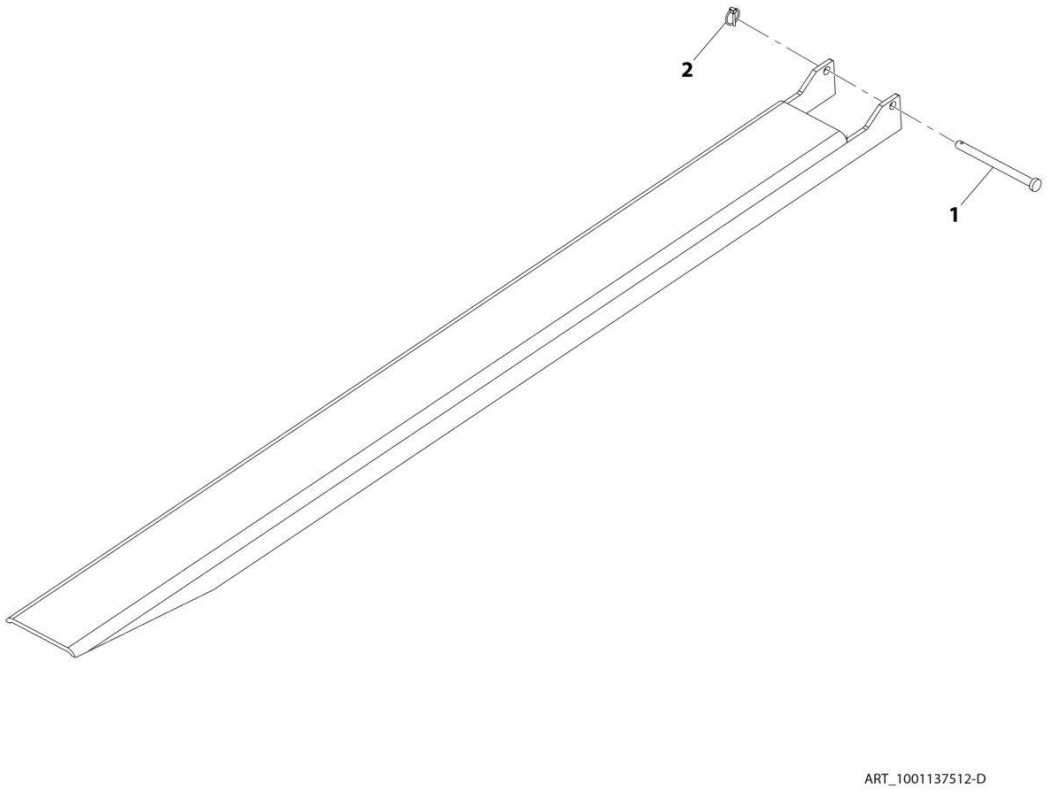


FIGURE 3-46. FORK EXTENSION - 90IN

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

FIGURE 3-47. FORK CLAMPS INSTALLATION

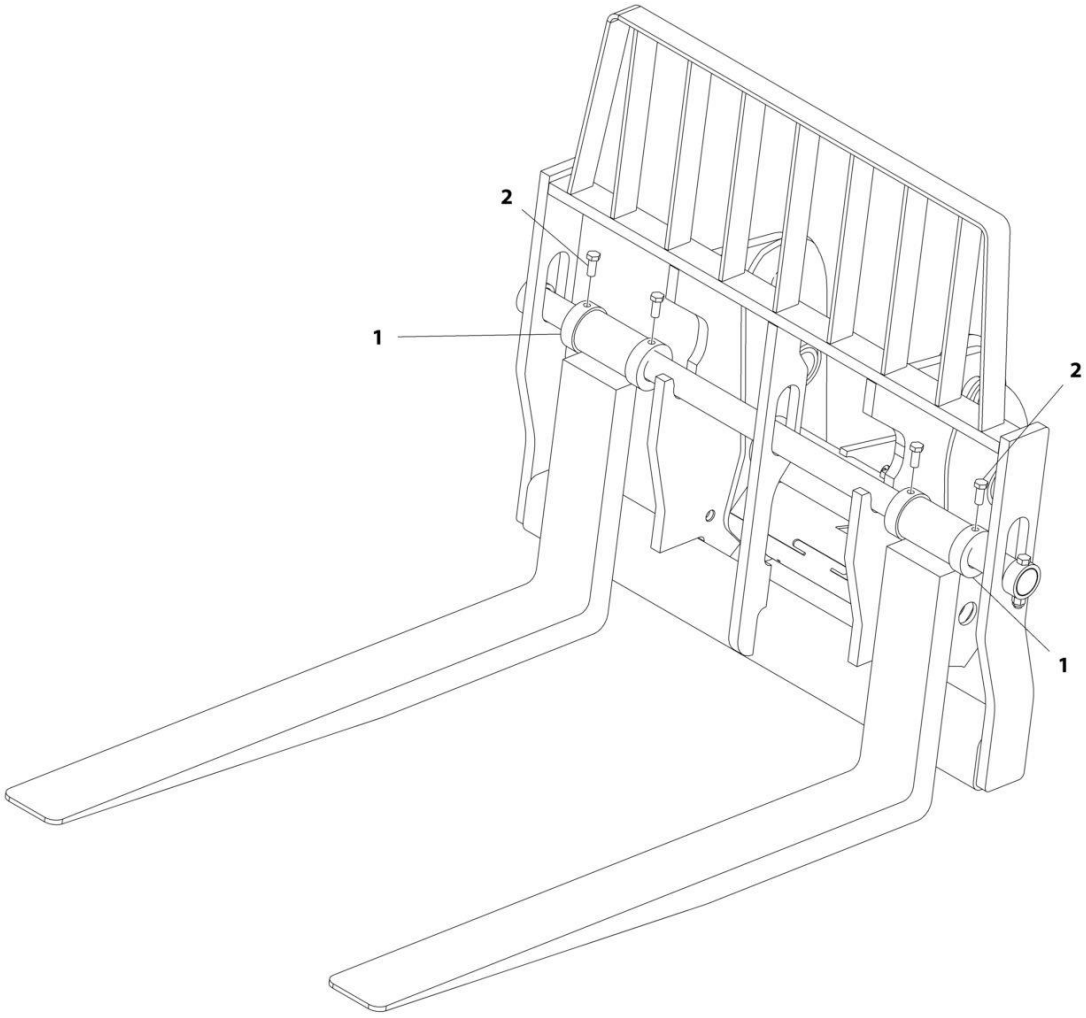


FIGURE 3-47. FORK CLAMPS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001094134	Ref	Fork Clamps Installation	A
1	1001094136	4	Clamp, Fork	
2	10700681	4	Bolt, 0.625-18X1.5	

FIGURE 3-48. PLATFORM (FORK MOUNTED) (4X9.8)

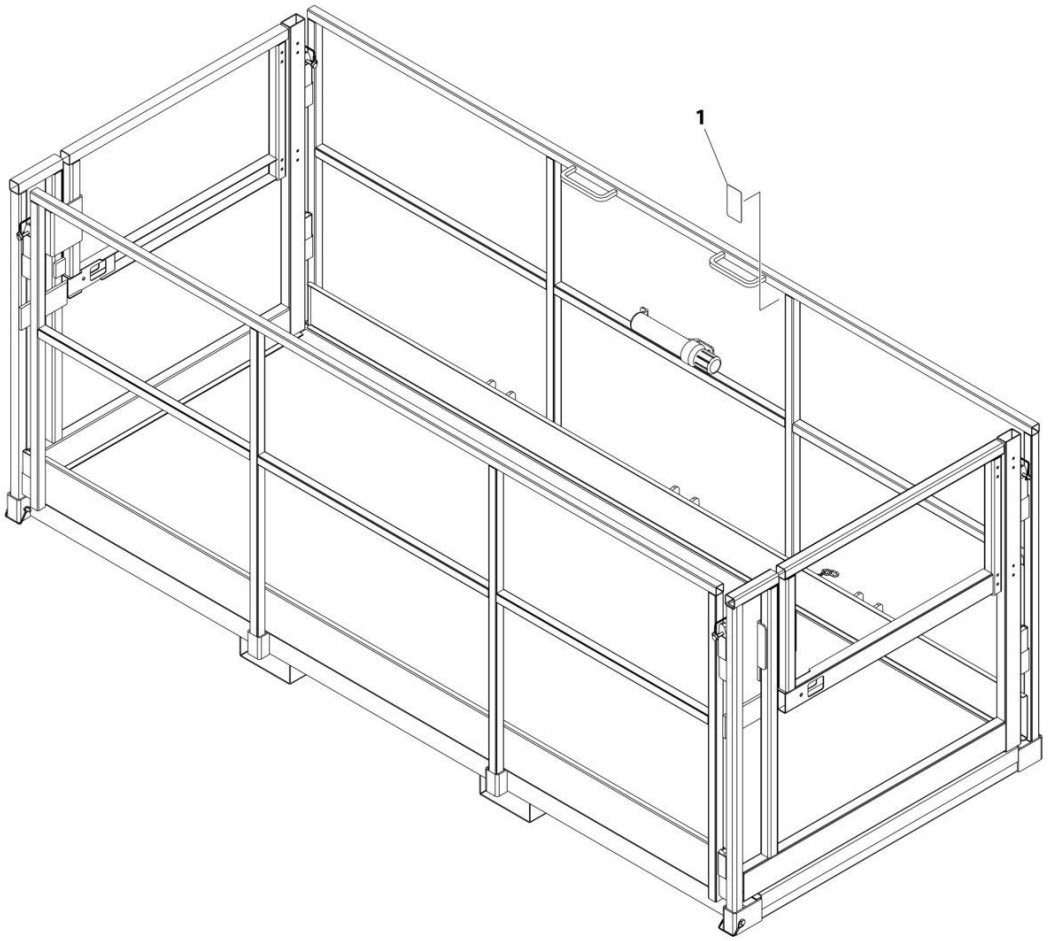


FIGURE 3-48. PLATFORM (FORK MOUNTED) (4X9.8)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001301393	Ref	PLATFORM (FORK MOUNTED) (4X9.8)	A
1	See Note	NSS	SN Plate (Note: Not Available for Purchase)	

FIGURE 3-49. PLATFORM (FORK MOUNTED) (4X8 WITH DOORS)

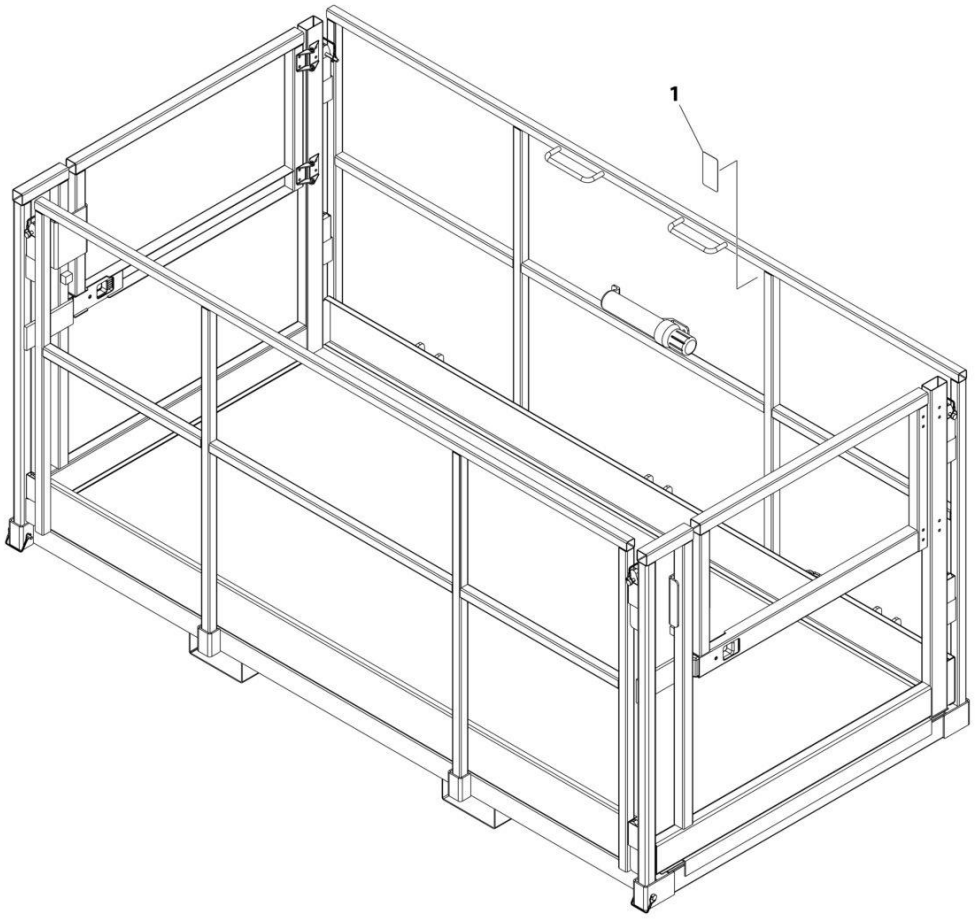


FIGURE 3-49. PLATFORM (FORK MOUNTED) (4X8 WITH DOORS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001303246	Ref	PLATFORM (FORK MOUNTED) (4X8 WITH DOORS)	A
1	See Note	NSS	SN Plate (Note: Not Available for Purchase)	

FIGURE 3-50. HOOK, COUPLING

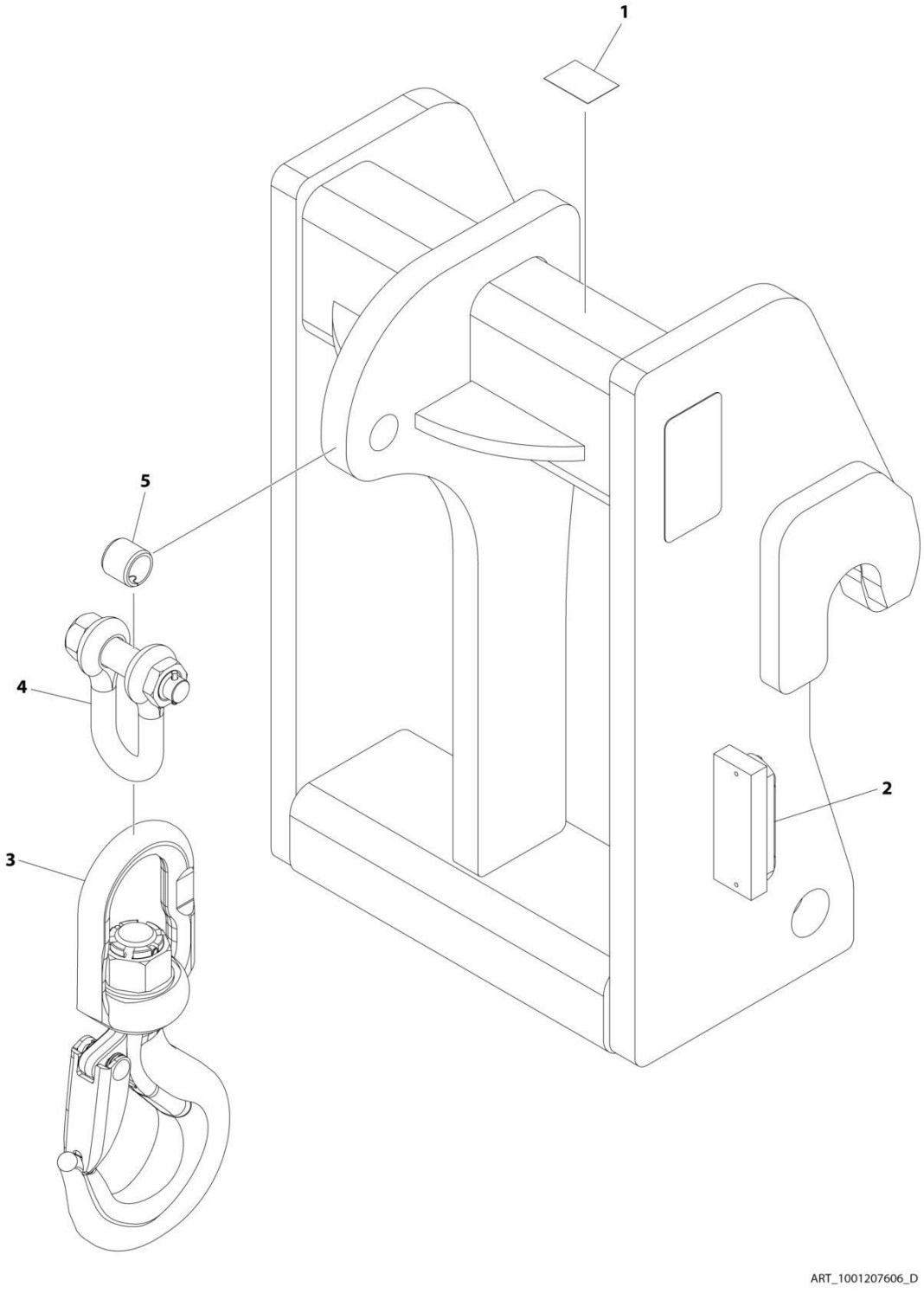


FIGURE 3-50. HOOK, COUPLING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207606	Ref	COUPLER MOUNTED HOOK	E
1	90554016	1	Decal	
2	1001227670	1	Tag, RFID	
3	70026745	1	Hook Swivel	
4	70026746	1	Shackle Chain	
5	70020555	1	Bushing	

FIGURE 3-51. HOOK, CRANE

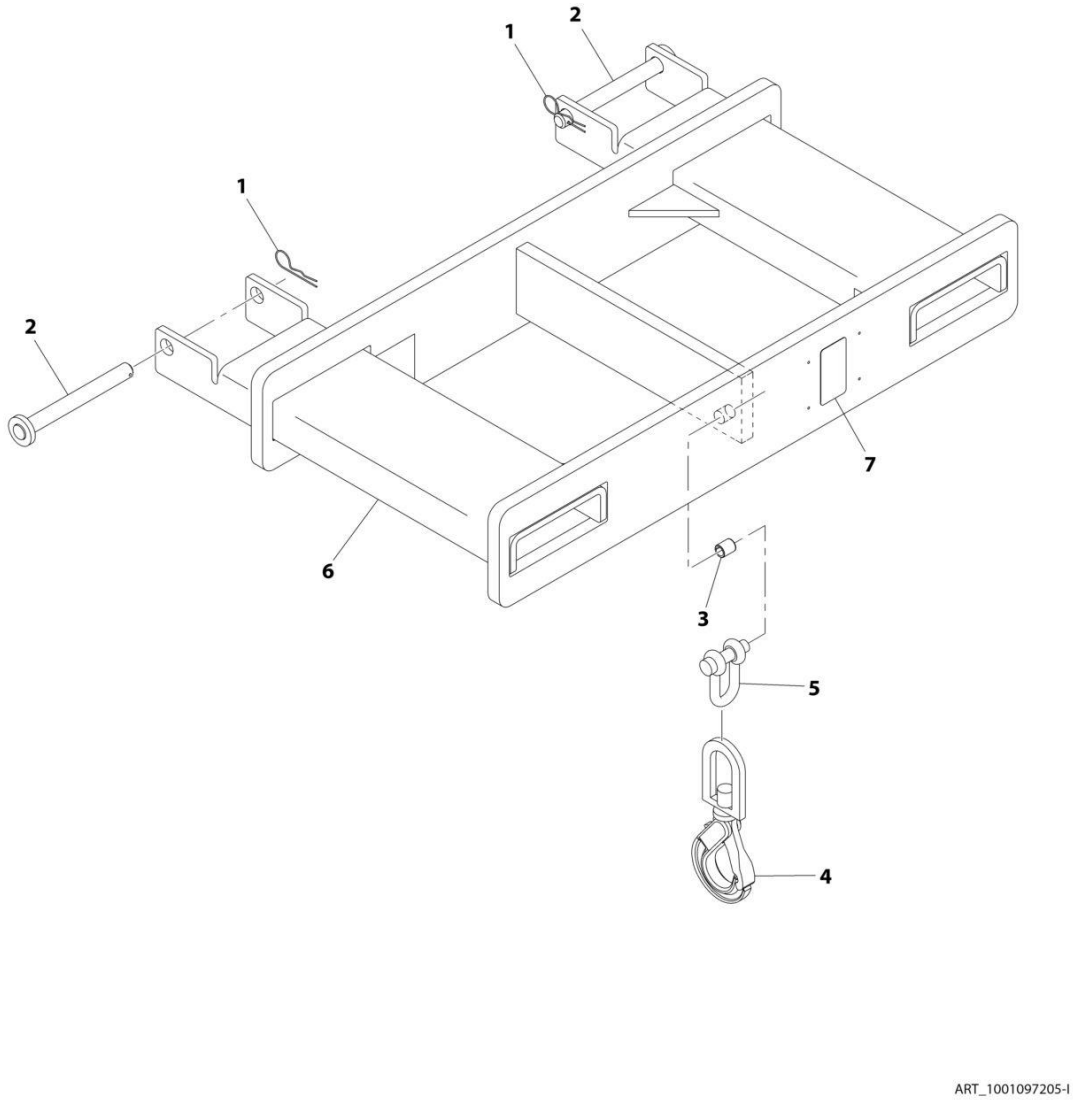
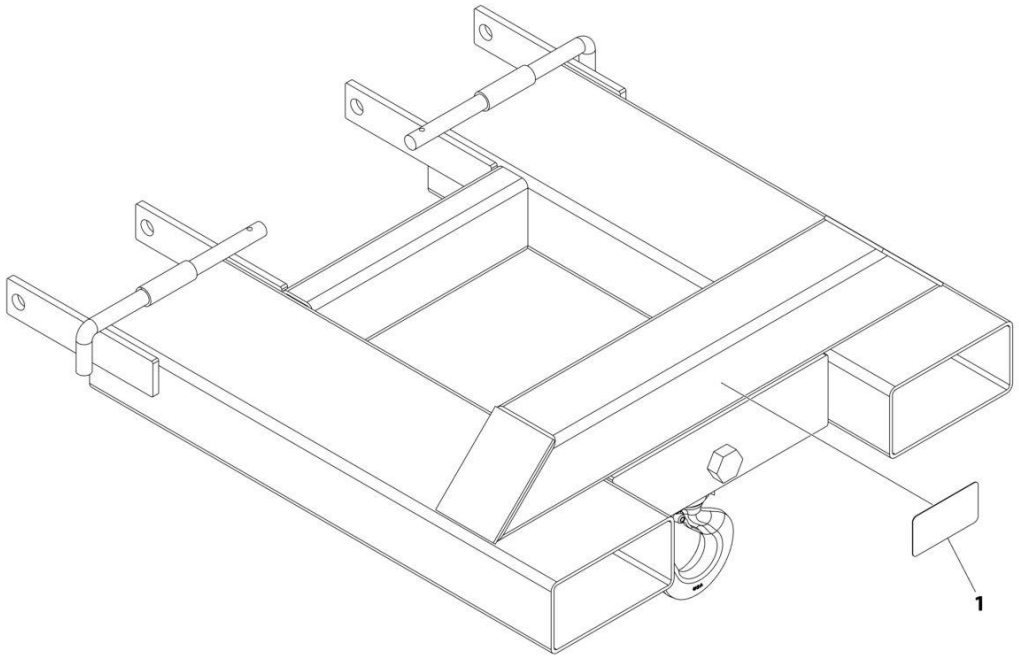


FIGURE 3-51. HOOK, CRANE

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 3-52. LIFTING HOOK (6K)

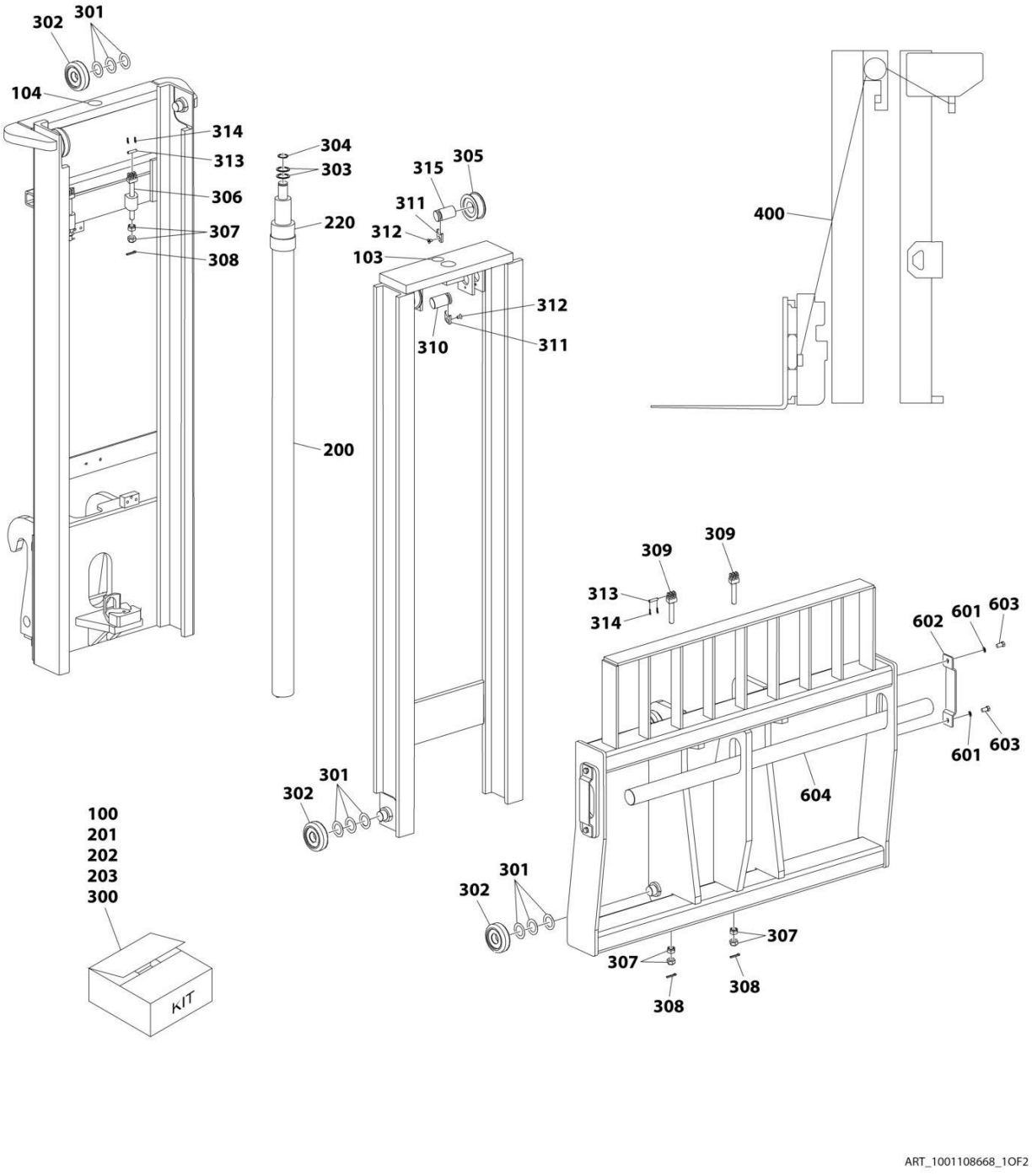


ART_1001305476

FIGURE 3-52. LIFTING HOOK (6K)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001305476	Ref	LIFTING HOOK (6K)	A
1	See Note	NSS	SN Plate (Note: Not Available for Purchase)	

FIGURE 3-53. MAST, VERTICAL - 8FT (STANDARD)



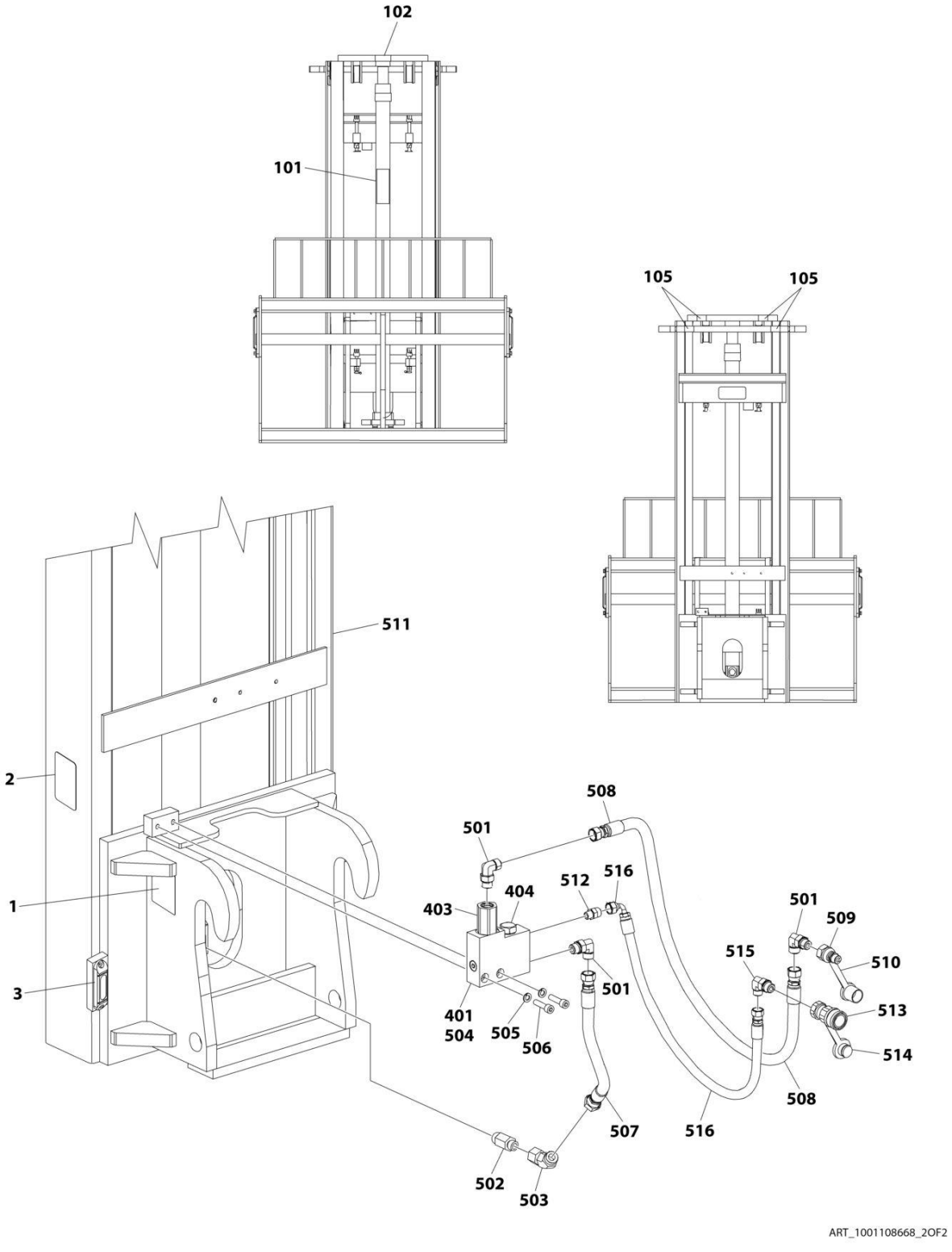
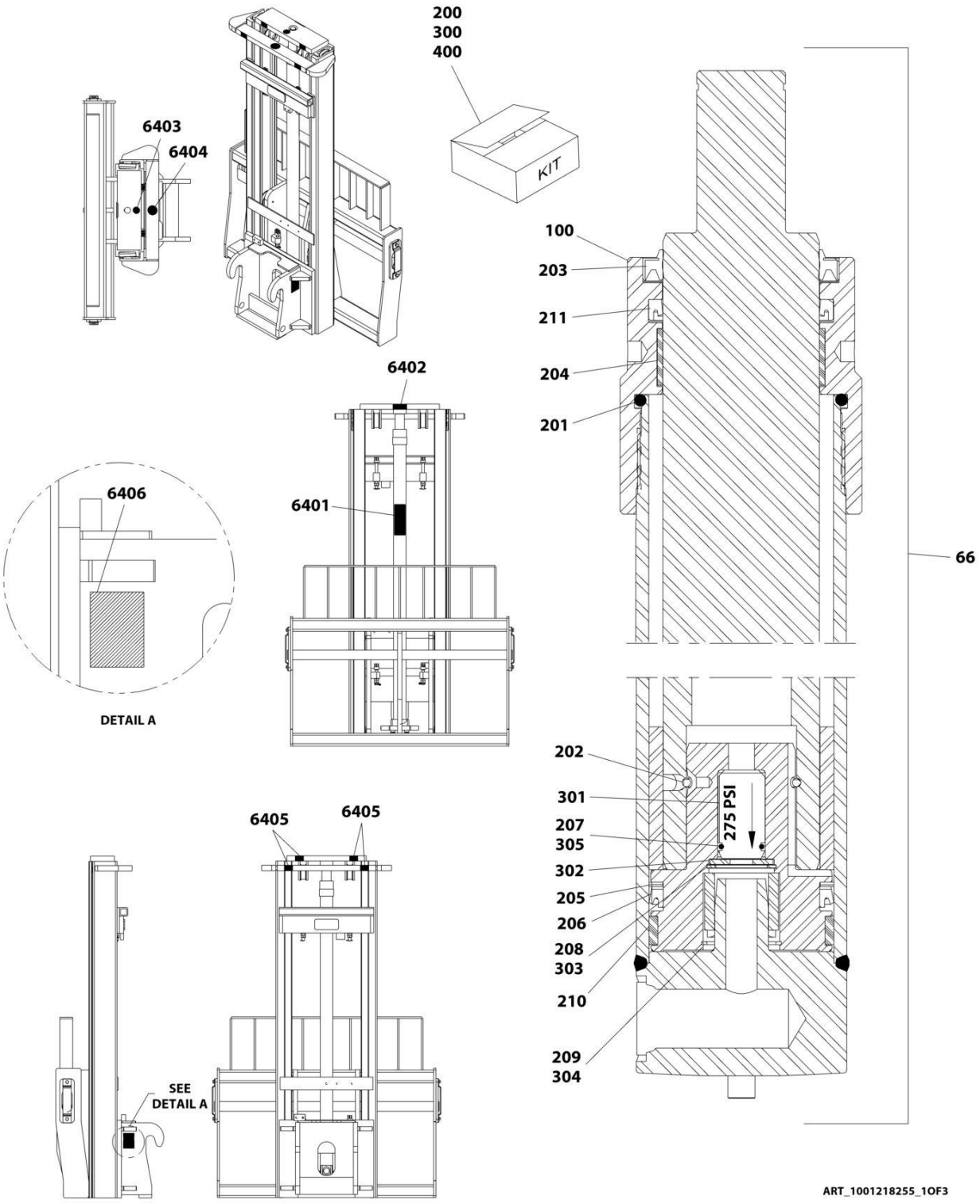

102
101
105
105
511
2
1
3
508
501
404
403
512
516
501
509
515
510
501
513
401
504
505
506
514
508
507
516
502
503
ART_1001108668_2OF2

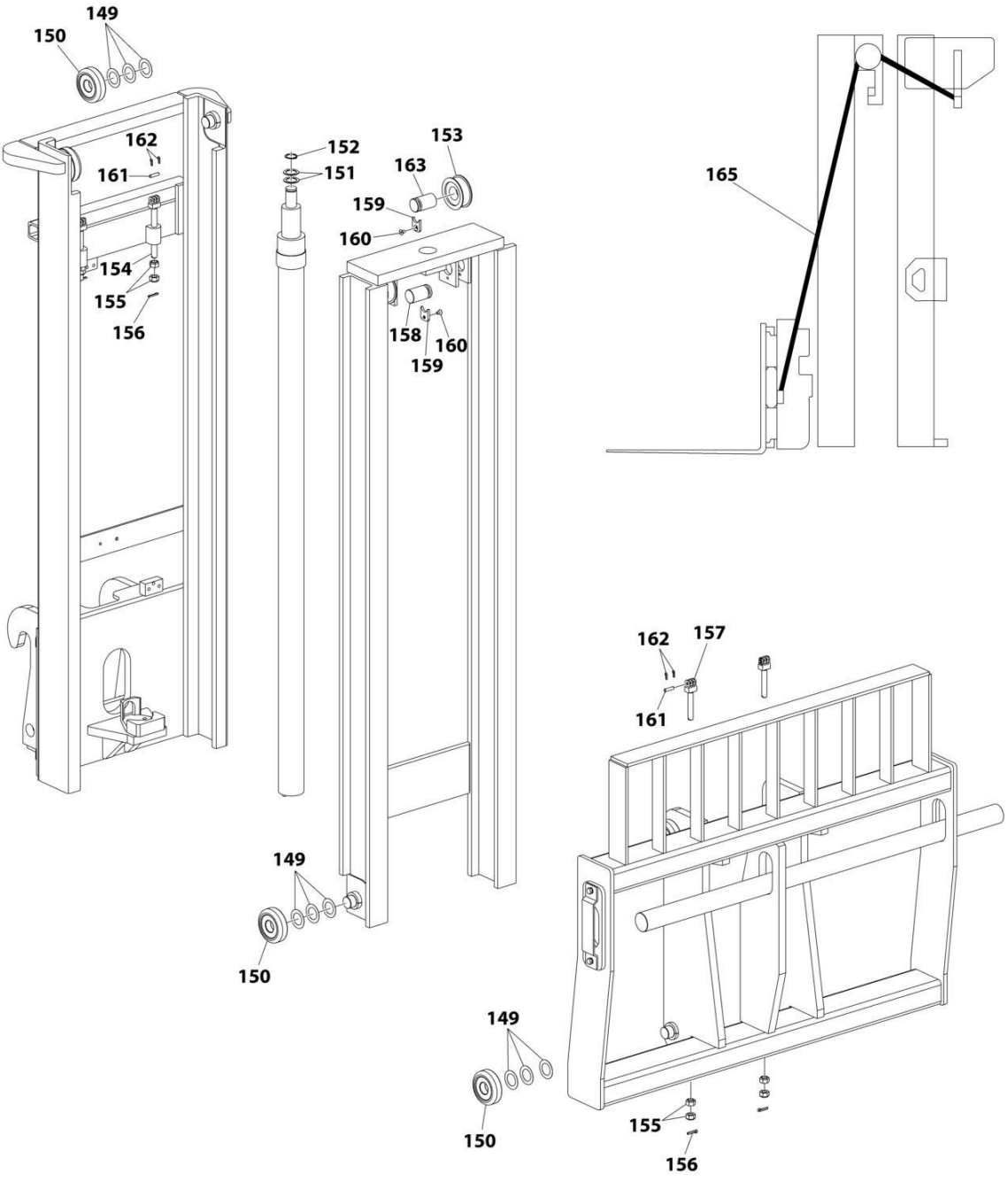
FIGURE 3-53. MAST, VERTICAL - 8FT (STANDARD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001108668	Ref	MAST ASSEMBALY - 8FT	G
1	See Note	NSS	Nameplate, Serial Number (Note: Not Available for Purchase)	
2	1001111190	2	Decal - Warning	
3	1001227670	1	RFID Tag	
100	70023925	1	Decal Kit (includes items 1, Warning, No Step & Hose Routing Decals)	
101	See Note	NSS	Decal, Warning (Use Item 100)	
102	See Note	NSS	Decal, Warning (Use Item 100)	
103	See Note	NSS	Decal, No Step (Use Item 100)	
104	See Note	NSS	Decal, No Step (Use Item 100)	
105	See Note	NSS	Decal, Hands Off (Use Item 100)	
200	70023008	1	Cylinder Assembly - Lift (includes items 201-203 & 220. No Other Service Parts Available)	
201	70023005	1	Seal Kit - 70023008 Cylinder (includes Seals & Seal Retaining Hardware)	
202	70023006	1	Check Valve Kit (includes Mounting O-Rings & Hardware)	
203	70023007	1	Shim Kit (Includes items 303)	
220	70023004	1	Head/Retainer	
300	70023015	1	Mast Kit (includes items 100 & 301-315)	
301	70023014	24	Shim	
302	70022987	8	Bearing, Ball	
303	See Note	NLA	Shim (Note: Use item 203)	
304	70023016	1	Ring, Retaining	
305	70022969	2	Sheave	
306	70022960	2	Anchor, Chain	
307	70022957	8	Nut 5/8	
308	70022993	4	Pin, Cotter	
309	70022995	2	Anchor, Chain	
310	70022984	1	Shaft, Sheave	
311	70022970	2	Bar	
312	70023003	2	Screw	
313	70022994	4	Pin	
314	70022992	8	Pin, Cotter	
315	70022985	1	Shaft, Sheave	
400	70023009	2	Chain, Hoist	
401	70022932	1	Valve Assembly - Lowering Control	
403	70022931	1	Cartridge, Valve	
404	70023010	1	Cartridge, Vavle	
501	70022934	3	Fitting, 90	
502	70022936	1	Fitting, Flow Limiter	
503	70022937	1	Fitting, 45	
504	70022932	1	Valve Assembly - Lowering Control (Note: Duplicate of Item 401 - Only Qty 1 Used)	
505	70022949	2	Washer, M10	
506	70022950	2	Bolt M10	
507	70022942	1	Hose	
508	70022952	1	Hose	
509	91403414	1	Fitting, Quick Disconnect Coupling (Male)	
510	91043126	1	Cap, Dust	
511	70023015	1	Mast Kit (Note: Duplicate of Item 300 - Only Qty 1 Used)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
512	70022939	1	Fitting, Straight	
513	91403413	1	Fitting, Quick Disconnect Coupling (Female)	
514	91043125	1	Cap, Dust	
515	70022935	1	Fitting, 90	
516	70022946	1	Hose	
601	70022949	4	Washer M10	
602	70022980	2	Keeper, Pin	
603	70022998	4	Bolt M10 x 20	
604	70022990	1	Pin, Fork	

FIGURE 3-54. MAST, VERTICAL - 8FT (SIDE TILT ELECTRIC MAST)





ART_1001218255_2OF3

SECTION 3 - ATTACHMENTS

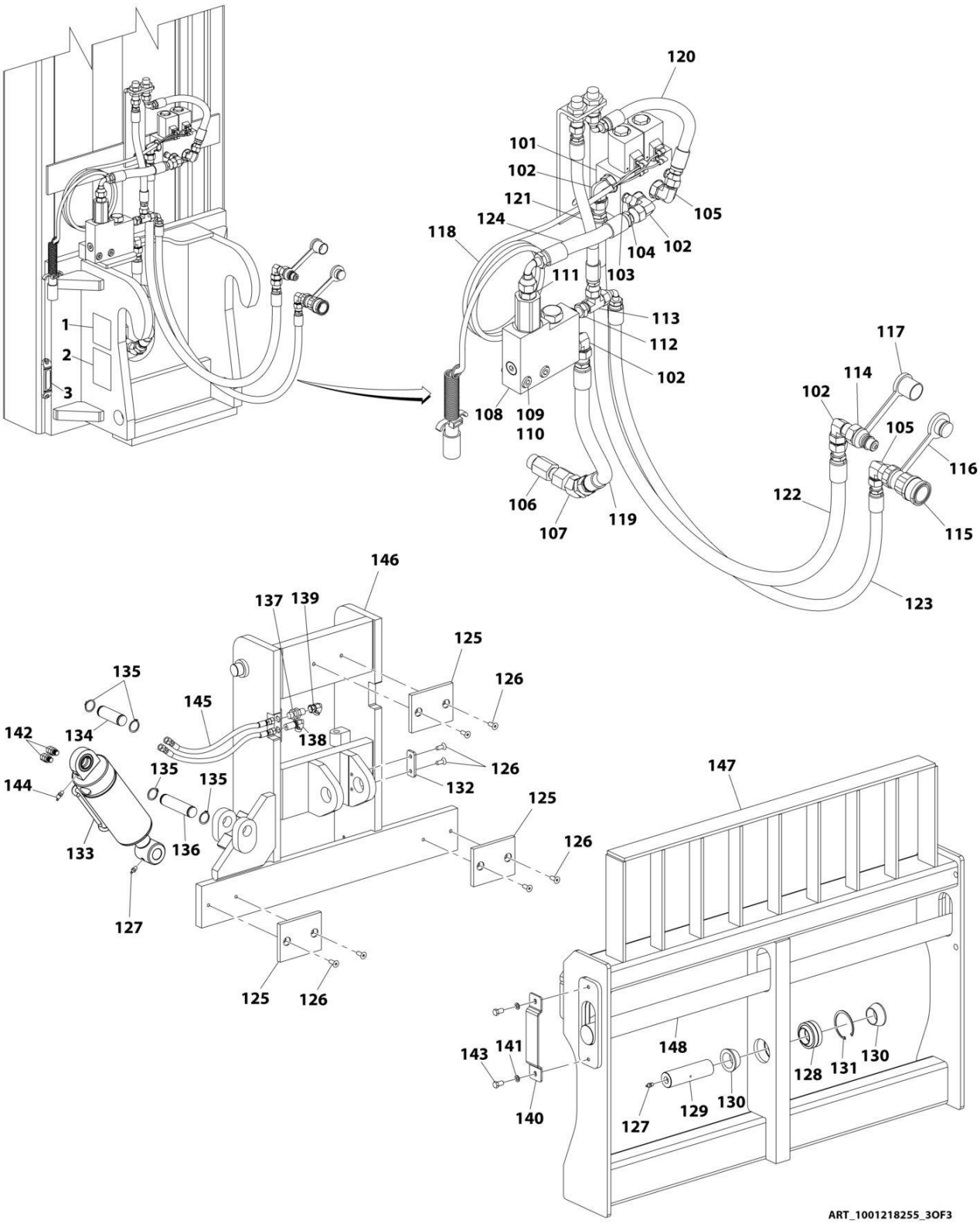


FIGURE 3-54. MAST, VERTICAL - 8FT (SIDE TILT ELECTRIC MAST)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001218255	Ref	Side Tilt Electric Mast (8 Foot)	F
1	1001111190	2	Decal, Hose Routing	
2	See Note	NSS	S/N Plate (Note: Stamped Part - Not Available for Purchase)	
3	1001227670	1	Tag, RFID	
101	70022933	1	Solenoid Valve Bank	
102	70022934	4	Fitting, 90	
103	70022948	2	Washer, Lock M8	
104	70022951	2	Screw, M8X60	
105	70022935	2	Elbow, Straight Thread	
106	70022936	1	Limiter, Flow	
107	70022937	1	Fitting, 45	
108	70022932	1	Assembly, PO Check Valve	
108	N.S.S.	1	Manifold	
108	70022931	1	Cartridge, PO Check Valve	
108	70023010	1	Check, PO	
109	70022949	2	Washer, Lock M10	
110	70022950	2	Bolt	
111	70022938	1	Fitting, Straight	
112	70022939	1	Fitting, Straight	
113	70022940	1	Tee Fitting	
114	91403414	1	Adapter, Male Quick Disconnect	
115	91403413	1	Adapter, Female Quick Disconnect	
116	8420055	1	Cover, Dust	
117	8420053	1	Cover, Dust	
118	70022941	1	Harness	
119	70022942	1	Hose	
120	70022943	1	Hose	
121	70022944	1	Hose	
122	70022945	1	Hose	
123	70022946	1	Hose	
124	70022947	1	Hose	
125	70022972	3	Wear Pad	
126	70022971	8	Capscrew, Flat Head	
127	70023001	2	Grease Fitting	
128	70022975	1	Spherical Bearing	
129	70022973	1	Pivot Shaft	
130	70022974	2	Beveled Spacer	
131	70022988	1	Ring, Retaining	
132	70022976	1	Retainer Plate	
133	2716143	1	Tilt Cylinder	
134	70022977	1	Pin	
135	70023016	4	Ring, Snap	
136	70022978	1	Pin	
137	70023000	1	Fitting	
138	70022999	1	Elbow	
139	70022982	1	Elbow, Straight Thread	
140	70022980	2	Keeper, Fork Pin	
141	70022949	4	Washer, Lock M10	
142	70022939	2	Fitting, Straight	
143	70022998	4	Screw, M10X20	

SECTION 3 - ATTACHMENTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
144	70022966	1	Grease Fitting 30	
145	70022979	2	Hose	
146	70025353	1	Spine Weldment	
147	N.S.S.	1	Front Frame Weldment	
148	70022990	1	Pin, Fork	
149	70023014	24	Shim	
150	70022987	8	Bearing, Ball	
151	70027951	2	Washer, Shim	
152	70023016	1	Ring, Snap	
153	70022969	2	Assembly, Sheave	
154	70022960	2	Anchor, Chain	
155	70022957	8	Nut, 5/8-18	
156	70022993	4	Pin, Cotter	
157	70022995	2	Anchor, Chain	
158	70022984	1	Shaft, Sheave	
159	70022970	2	Bar, Retainer	
160	70023003	2	Capscrew	
161	70022994	4	Pin, Chain Anchor	
162	70022992	8	Pin, Cotter	
163	70022985	1	Shaft, Sheave	
164	70023925	1	Kit, Decal (Not Shown) (See Separate Breakdown in this Section)	
165	70023009	2	Chain, Lift	
166	70023008	1	Cylinder, Main Lift (Not Shown) (See Separate Breakdown in this Section)	

FIGURE 3-55. MAST, VERTICAL - DECAL KIT

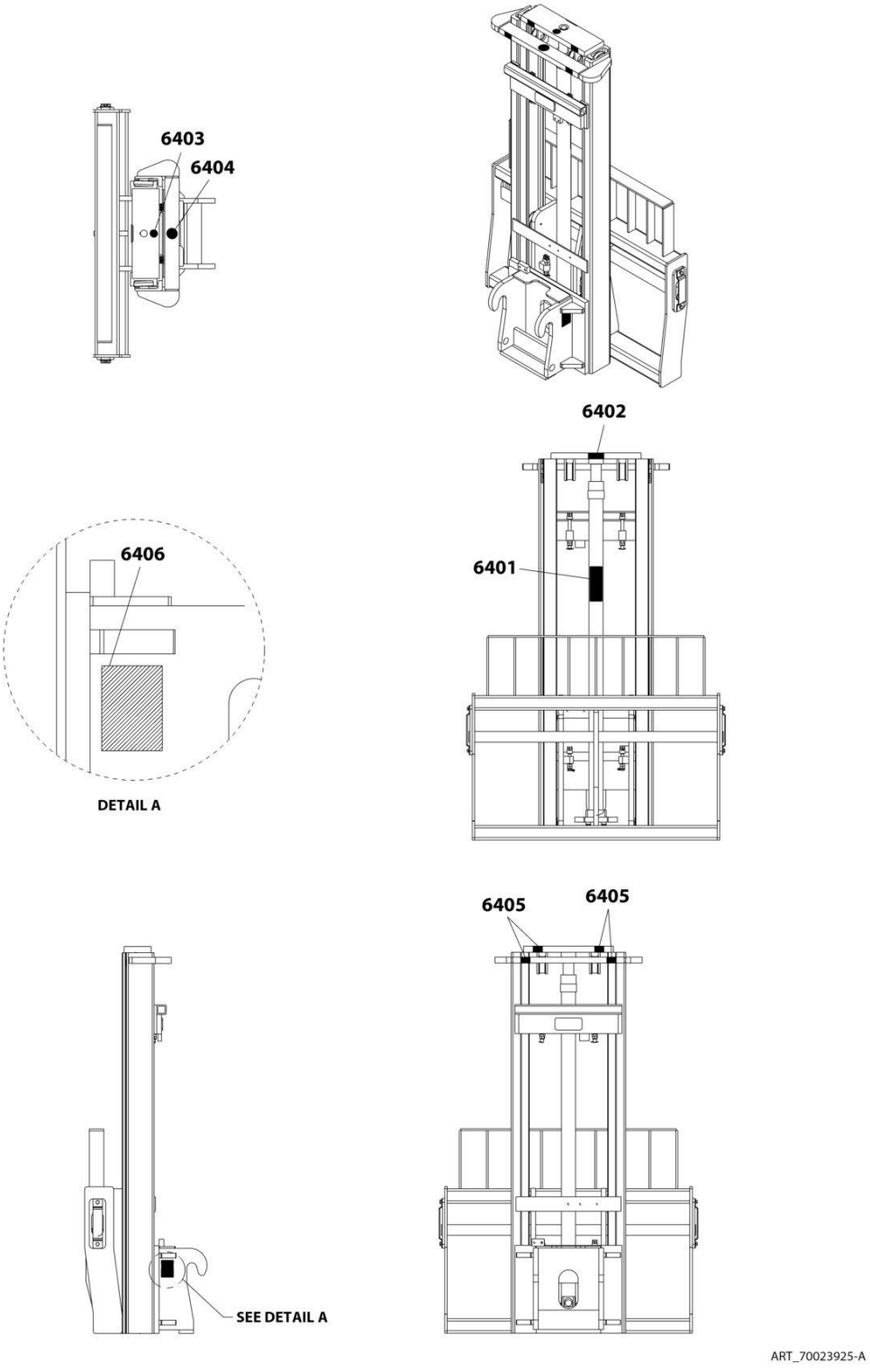


FIGURE 3-55. MAST, VERTICAL - DECAL KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70023925	Ref	Kit, Decal	A
6401	Kit	1	Decal, Warning	
6402	Kit	1	Decal, Warning	
6403	Kit	1	Decal, No Step	
6404	Kit	1	Decal, No Step	
6405	Kit	4	Decal, Hands Off	
6406	Kit	2	Decal, Hose Routing	

FIGURE 3-56. MAST, VERTICAL - CYLINDER

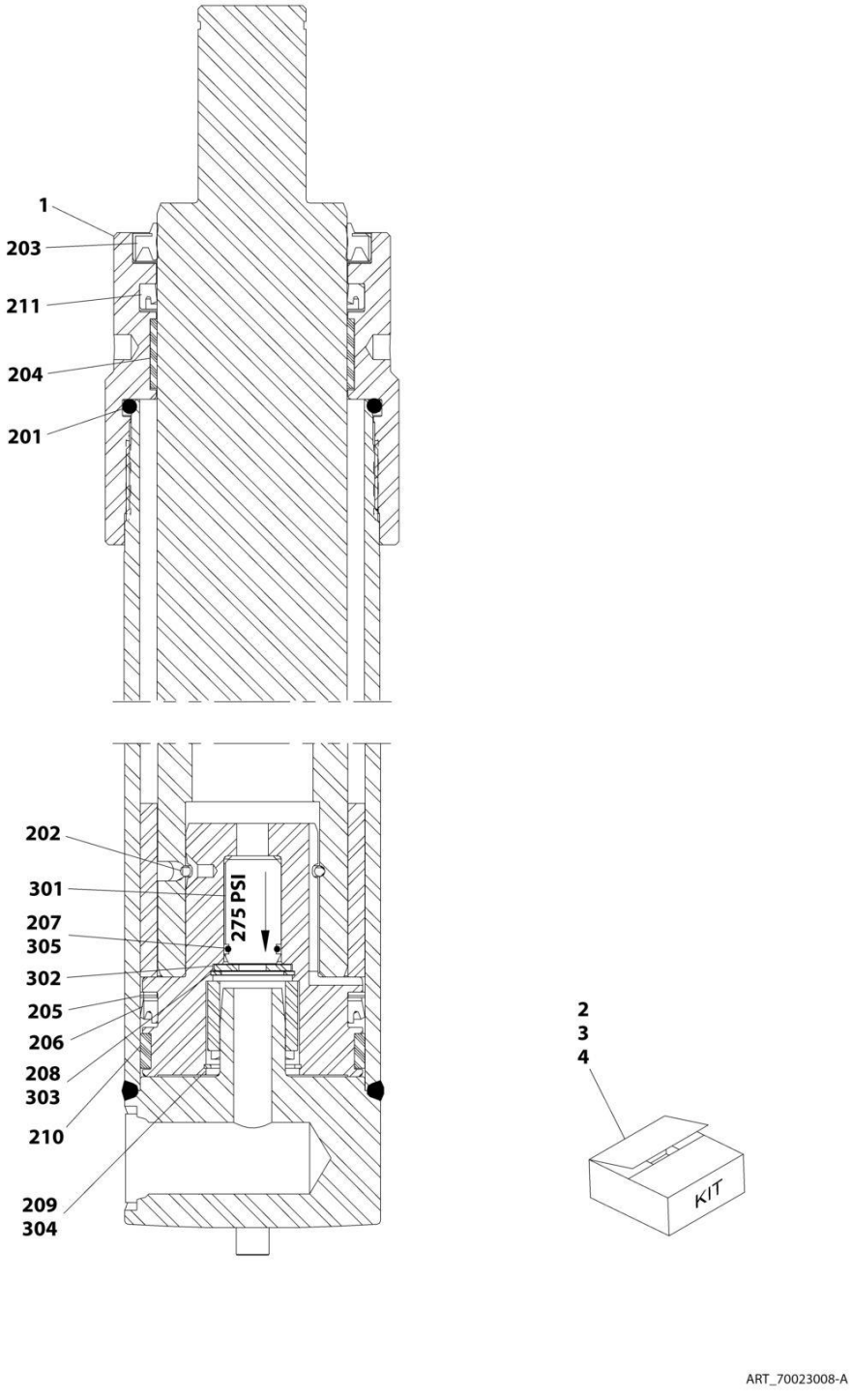


FIGURE 3-56. MAST, VERTICAL - CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70023008	Ref	Main Lift Cylinder	A
1	70023004	1	Retainer/Gland	
2	70023005	1	Seal Kit, Main Lift Cylinder	
201	Kit	1	O-Ring	
202	Kit	1	Wire, Pull	
203	Kit	1	Wiper	
204	Kit	1	Bushing	
205	Kit	1	Ring, Nylon	
206	Kit	1	Seal, Piston	
207	Kit	1	O-Ring	
208	Kit	1	Circlip	
209	Kit	1	Ring, Retaining	
210	Kit	1	Ring, Wear	
211	Kit	1	Seal, Rod	
3	70023006	1	Kit, Check Valve	
301	Kit	1	Valve, Check	
302	Kit	1	Washer	
303	Kit	1	Circlip	
304	Kit	1	Ring, Retaining	
304	Kit	1	O-Ring	
4	70023007	1	Kit, Shim	

FIGURE 3-57. SWEEPER ASSEMBLY

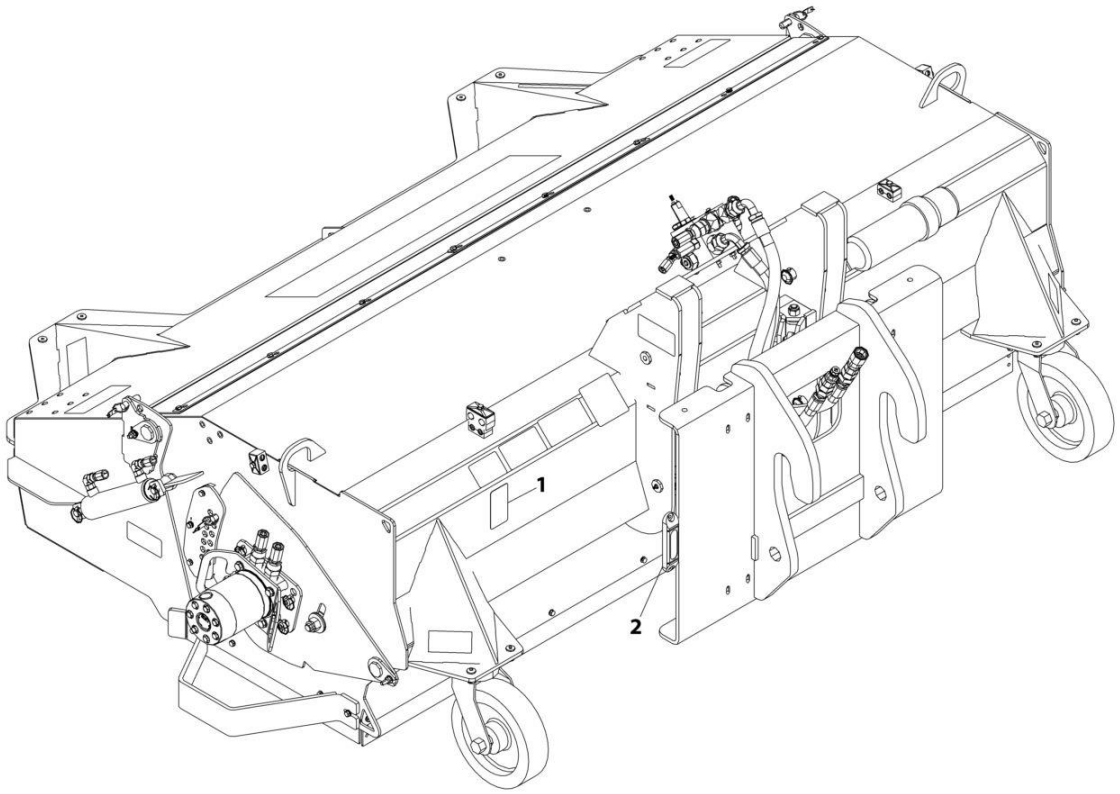


FIGURE 3-57. SWEEPER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202904	Ref	Sweeper Assembly	D
1	See Note	NSS	S/N Plate (Note: Stamped Part - Not Available for Purchase)	
2	1001227670	1	Tag, RFID	
		Ref	Sweeper Assembly- Hopper (See Separate Breakdown in this Section)	
		Ref	Sweeper Assembly - Body (See Separate Breakdown in this Section)	
		Ref	Sweeper Assembly - Motor (See Separate Breakdown in this Section)	
		Ref	Sweeper Assembly - Idler (See Separate Breakdown in this Section)	
		Ref	Sweeper Assembly - Core (See Separate Breakdown in this Section)	
		Ref	Sweeper Assembly - Hydraulic Single Motor (See Separate Breakdown in this Section)	

FIGURE 3-58. SWEEPER ASSEMBLY - BODY

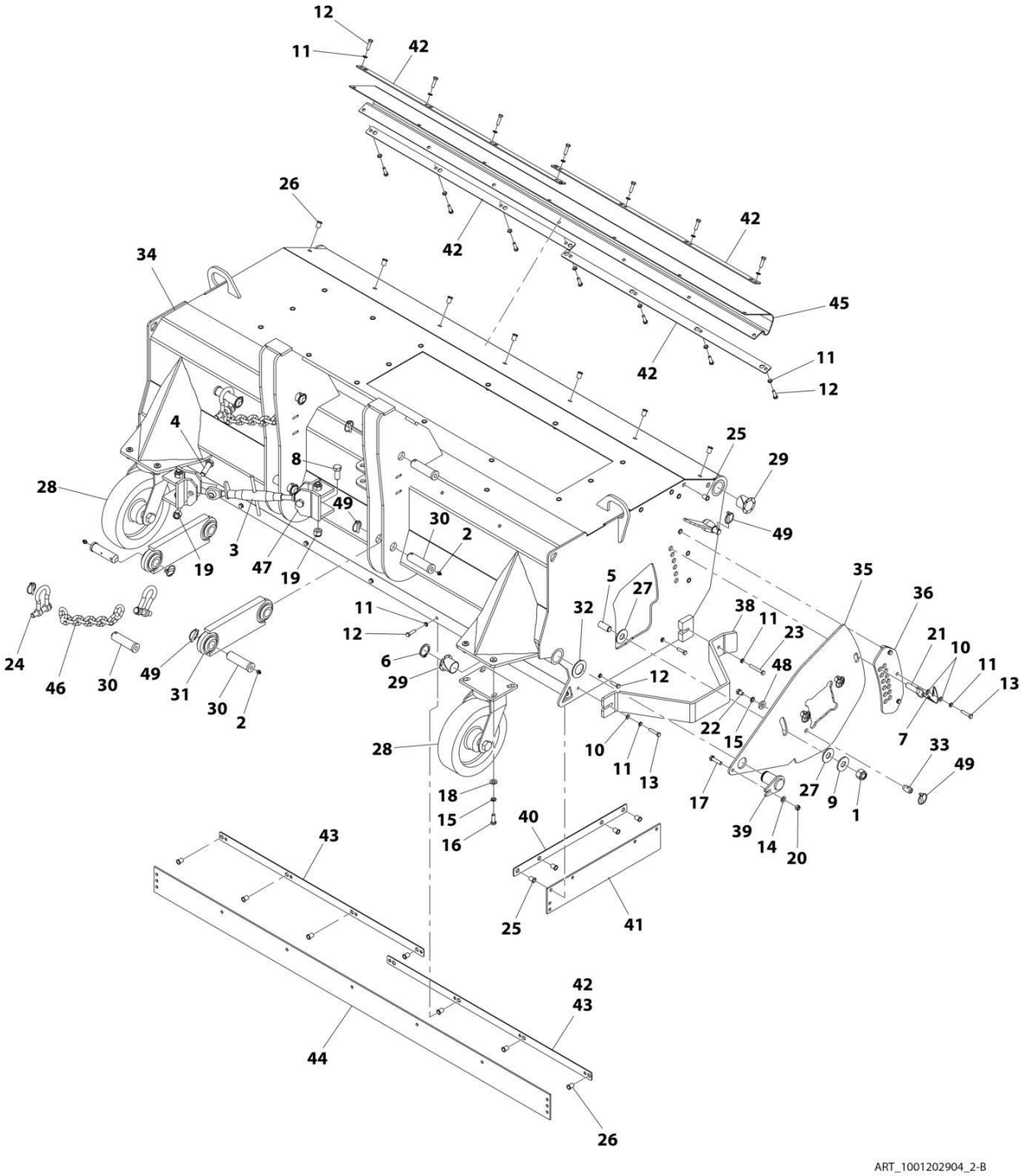


FIGURE 3-58. SWEEPER ASSEMBLY - BODY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202904	Ref	SWEEPER ASSEMBLY - BODY	
1	70029720	2	Nut	
2	70029721	4	Fitting, Grease	
3	70029722	1	Toplink	
4	70029723	2	Screw	
5	70020004	2	Screw	
6	70029724	2	Ring, Snap	
7	70029725	2	Lanyard	
8	70029726	4	Screw	
9	70029728	2	Washer	
10	70029732	6	Washer	
11	70029734	38	Washer	
12	70029735	32	Screw	
13	70029736	4	Screw	
14	70029738	2	Washer	
15	70029739	14	Washer	
16	70029741	8	Screw	
17	70029742	2	Screw	
18	70029743	8	Washer	
19	70029745	6	Nut	
20	70029747	2	Nut	
21	70029729	2	Pin	
22	70029751	6	Screw	
23	70029752	2	Screw	
24	70029755	4	Shackle	
25	70029756	45	Nut	
26	70029757	25	Nut	
27	70029760	4	Washer	
28	70029762	2	Assembly, Caster	
29	70029764	4	Bearing	
30	70029765	8	Pin	
31	70029766	2	Link	
32	70029767	2	Washer	
33	70029768	6	Stud	
34	See Note	NSS	Body, Sweeper (Note: Purchase Complete Assembly)	
35	70029773	2	Plate	
36	70029774	2	Plate	
37	70029775	2	Plate	
38	70029776	2	Plate	
39	70029777	2	Pin	
40	70029778	2	Plate	
41	70029779	2	Flap	
42	70029780	6	Plate	
43	70029781	3	Plate	
44	70029784	1	Flap	
45	70029786	1	Flap	
46	70029788	2	Chain	
47	70029790	2	Toplink	
48	70029793	6	Washer	
49	70029794	16	Pin, Lynch	

FIGURE 3-59. SWEEPER ASSEMBLY - CORE

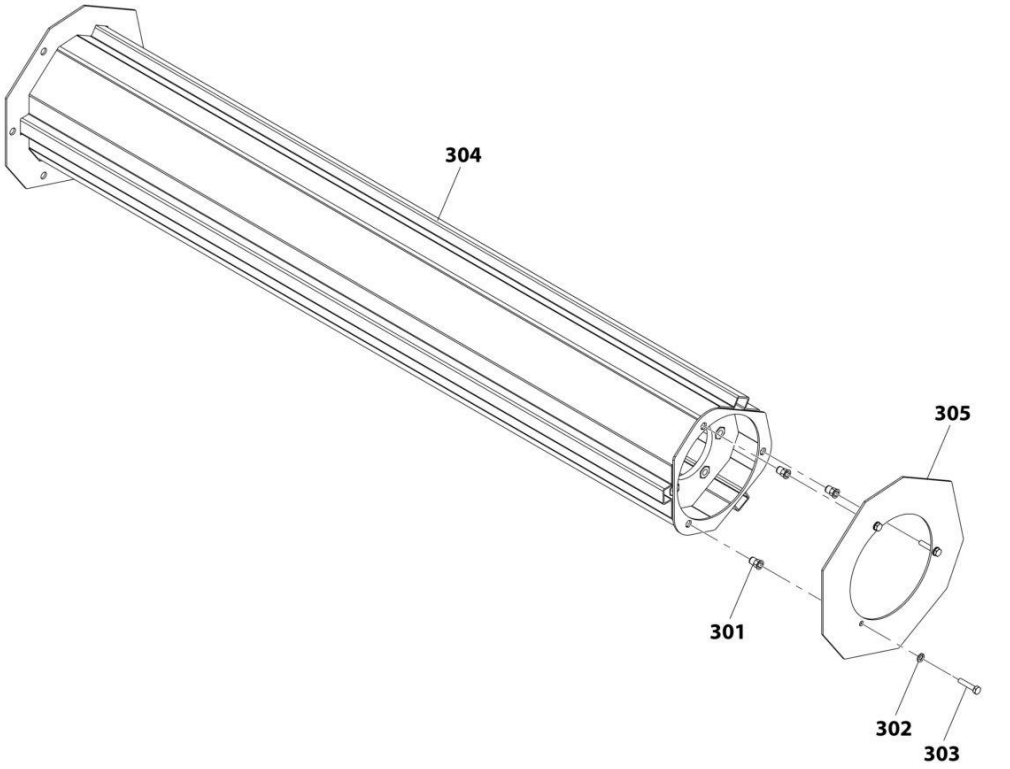


FIGURE 3-59. SWEEPER ASSEMBLY - CORE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202904	1	SWEEPER ASSEMBLY - CORE	
301	70029727	3	Nut	
302	70029730	3	Washer	
303	70029731	3	Screw	
304	70029782	1	Core	
305	70029783	1	Plate	

FIGURE 3-60. SWEEPER ASSEMBLY - HYDRAULIC SINGLE MOTOR ASSEMBLY

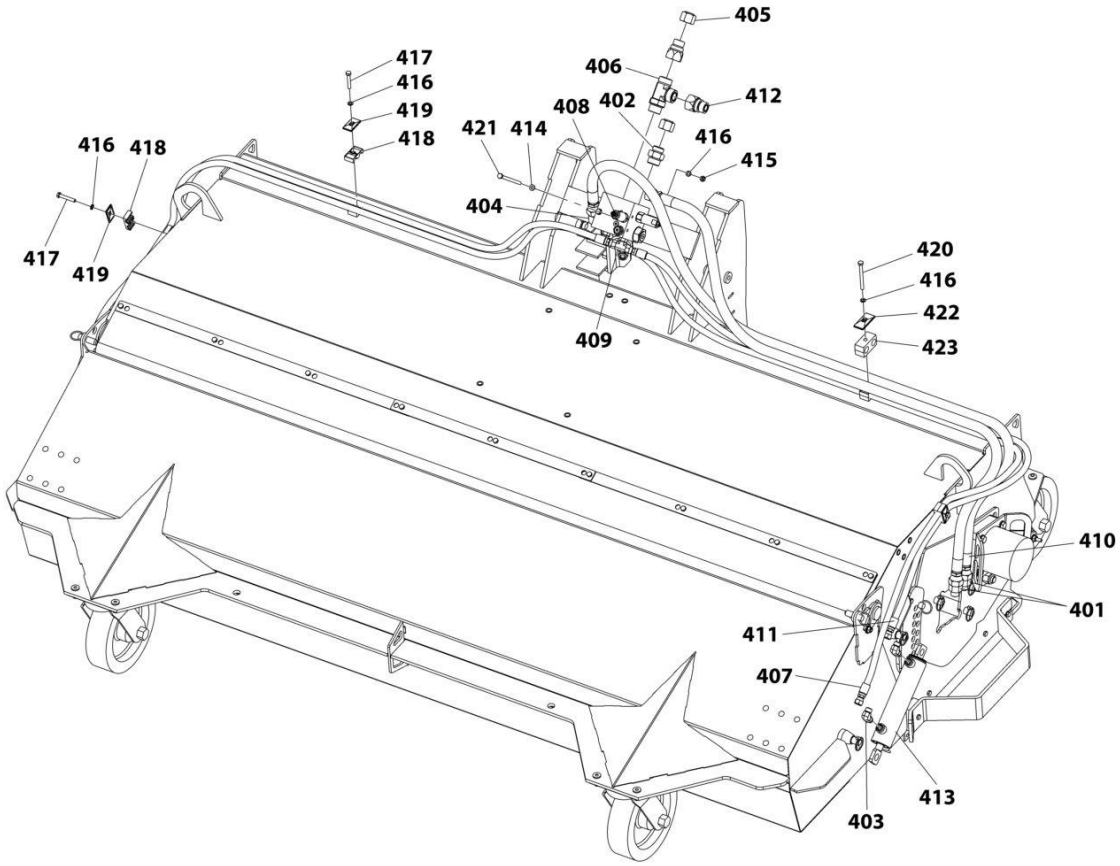


FIGURE 3-60. SWEEPER ASSEMBLY - HYDRAULIC SINGLE MOTOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202904	Ref	SWEEPER ASSEMBLY - HYDRAULICS	
401	70029704	2	Fitting	
402	70029705	1	Fitting	
403	70029706	4	Fitting, 90	
404	70029707	1	Fitting, 90	
405	70029708	2	Cap	
406	70029709	1	Fitting, Tee	
407	70029710	2	Hose	
408	70029711	1	Manifold	
409	70029712	2	Fitting, Tee	
410	70029713	2	Hose	
411	70029714	2	Hose	
412	70029715	2	Fitting	
413	70029716	2	Cylinder	
413	70029791	1	Kit, Seal	
414	70029732	2	Washer	
415	70029733	2	Nut	
416	70029734	6	Washer	
417	70029737	3	Screw	
418	70029753	8	Hose	
419	70029754	3	Cover	
420	70029758	1	Screw	
421	70029759	2	Screw	
422	70029795	1	Cover	
423	70029796	1	Cradle, Hose	

FIGURE 3-61. SWEEPER ASSEMBLY - HOPPER

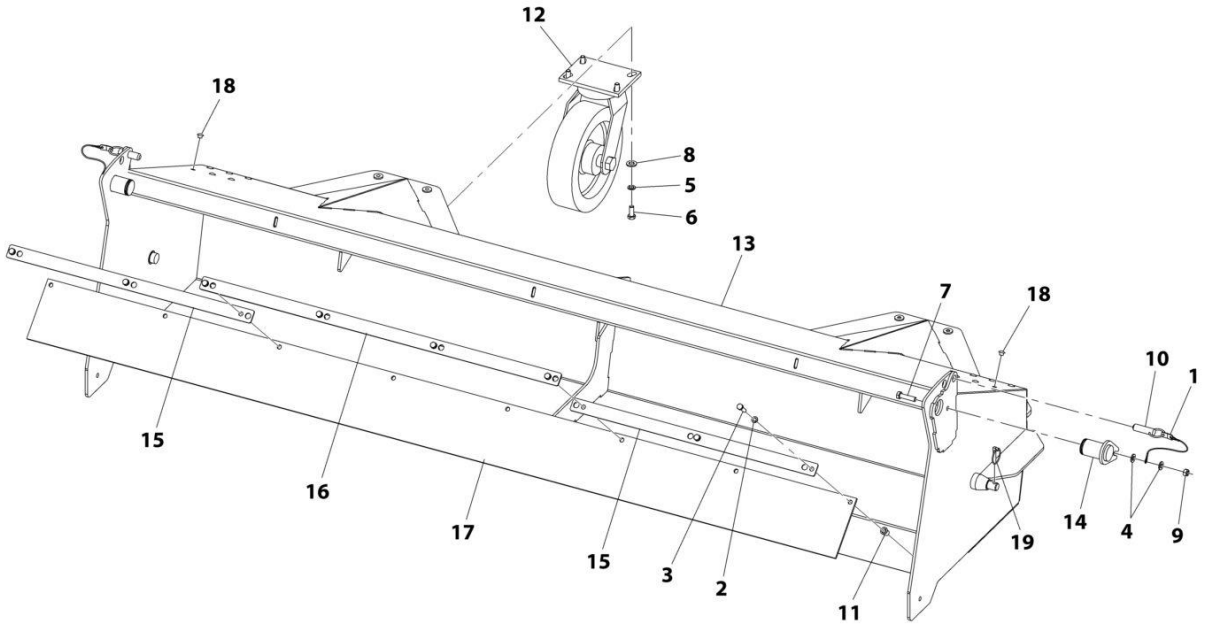


FIGURE 3-61. SWEEPER ASSEMBLY - HOPPER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202904	Ref	SWEEPER ASSEMBLY - HOPPER	
1	70029725	2	Lanyard	
2	70029734	8	Washer	
3	70029735	8	Screw	
4	70029738	4	Washer	
5	70029739	8	Washer	
6	70029740	8	Screw	
7	70029742	2	Screw	
8	70029743	8	Washer	
9	70029747	2	Nut	
10	70029750	2	Pin	
11	70029756	8	Nut	
12	70029762	2	Assembly, Caster	
13	See Note	NSS	Hopper (Note: Purchase Complete Assembly)	
14	70029777	2	Pin	
15	70029780	2	Plate	
16	70029781	1	Plate	
17	70029785	1	Flap	
18	70029792	12	Plug	
19	70029794	2	Pin, Lynch	

FIGURE 3-62. SWEEPER ASSEMBLY - IDLER

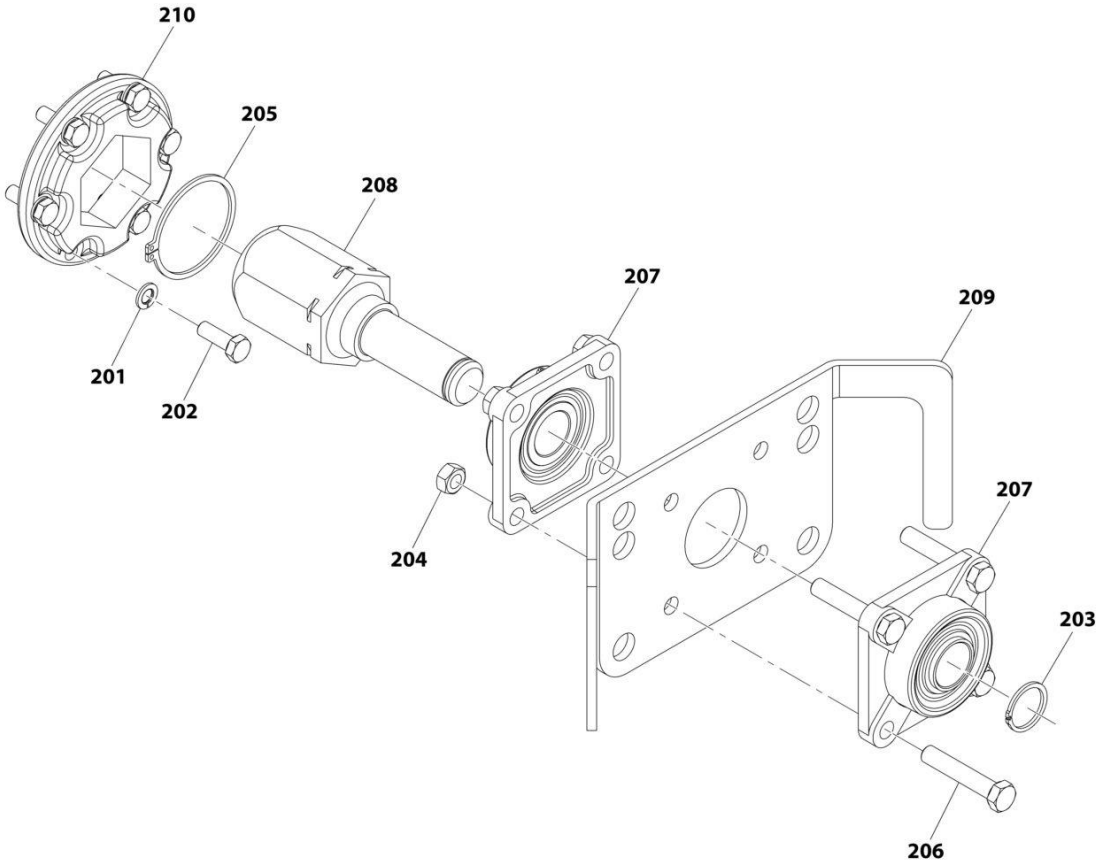


FIGURE 3-62. SWEEPER ASSEMBLY - IDLER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202904	Ref	SWEEPER ASSEMBLY - IDLER	
201	70029739	6	Washer	
202	70029741	6	Screw	
203	70029744	1	Ring, Snap	
204	70029746	4	Nut	
205	70029748	1	Ring, Snap	
206	70029749	4	Screw	
207	70029763	2	Bearing	
208	70029770	1	Hub	
209	70029787	1	Plate	
210	70029789	1	Plate	

FIGURE 3-63. SWEEPER ASSEMBLY - MOTOR

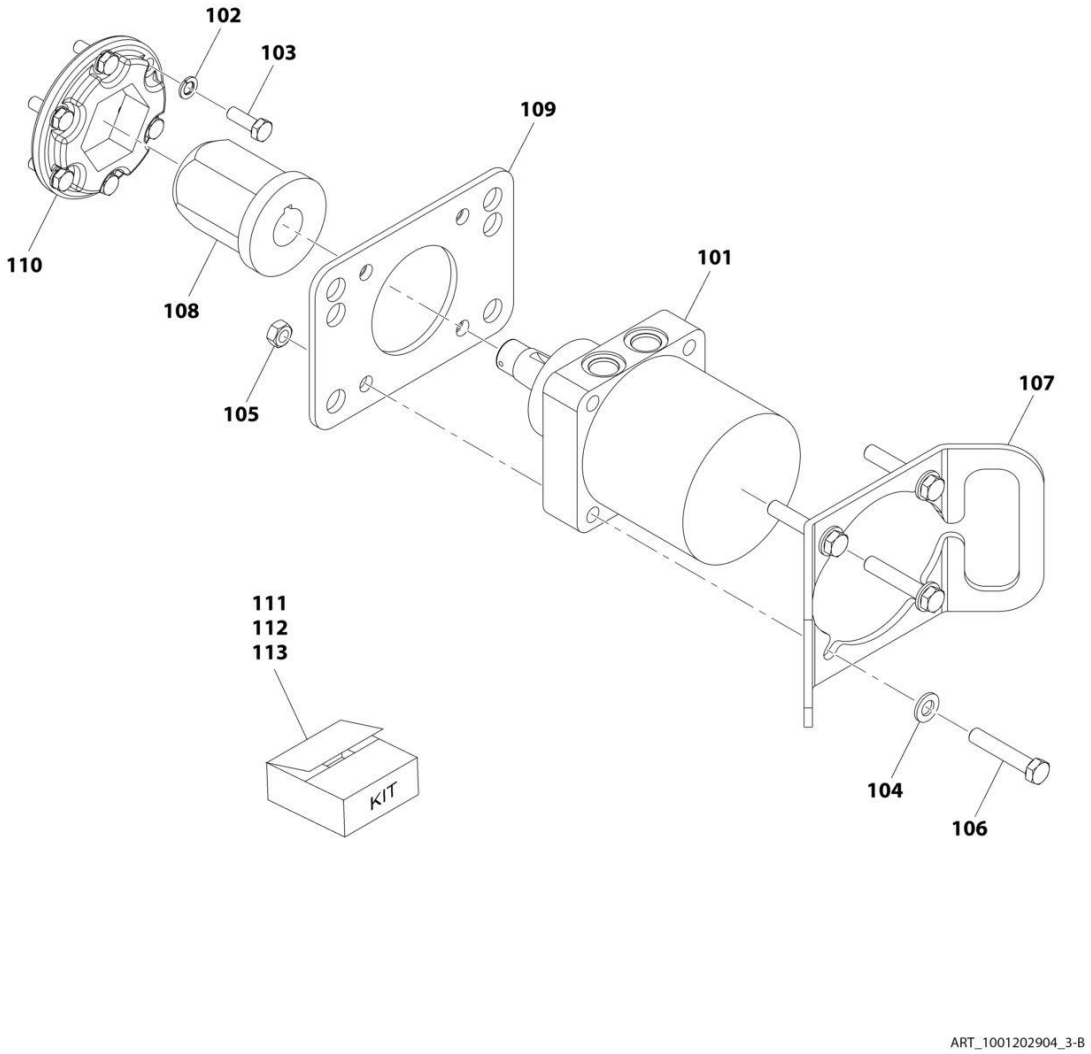


FIGURE 3-63. SWEEPER ASSEMBLY - MOTOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202904	Ref	SWEEPER ASSEMBLY - MOTOR	
101	70029717	1	Motor	
102	70029739	6	Washer	
103	70029741	6	Screw	
104	70029743	4	Washer	
105	70029746	4	Nut	
106	70029749	4	Screw	
107	70029769	1	Plate	
108	70029771	1	Hub	
109	70029772	1	Plate	
110	70029789	1	Plate	
111	70029719	1	Nut, Motor Shaft Lock	
112	70029718	1	Kit, Seal	
113	70029761	1	Key	

FIGURE 3-64. TRASH HOPPER

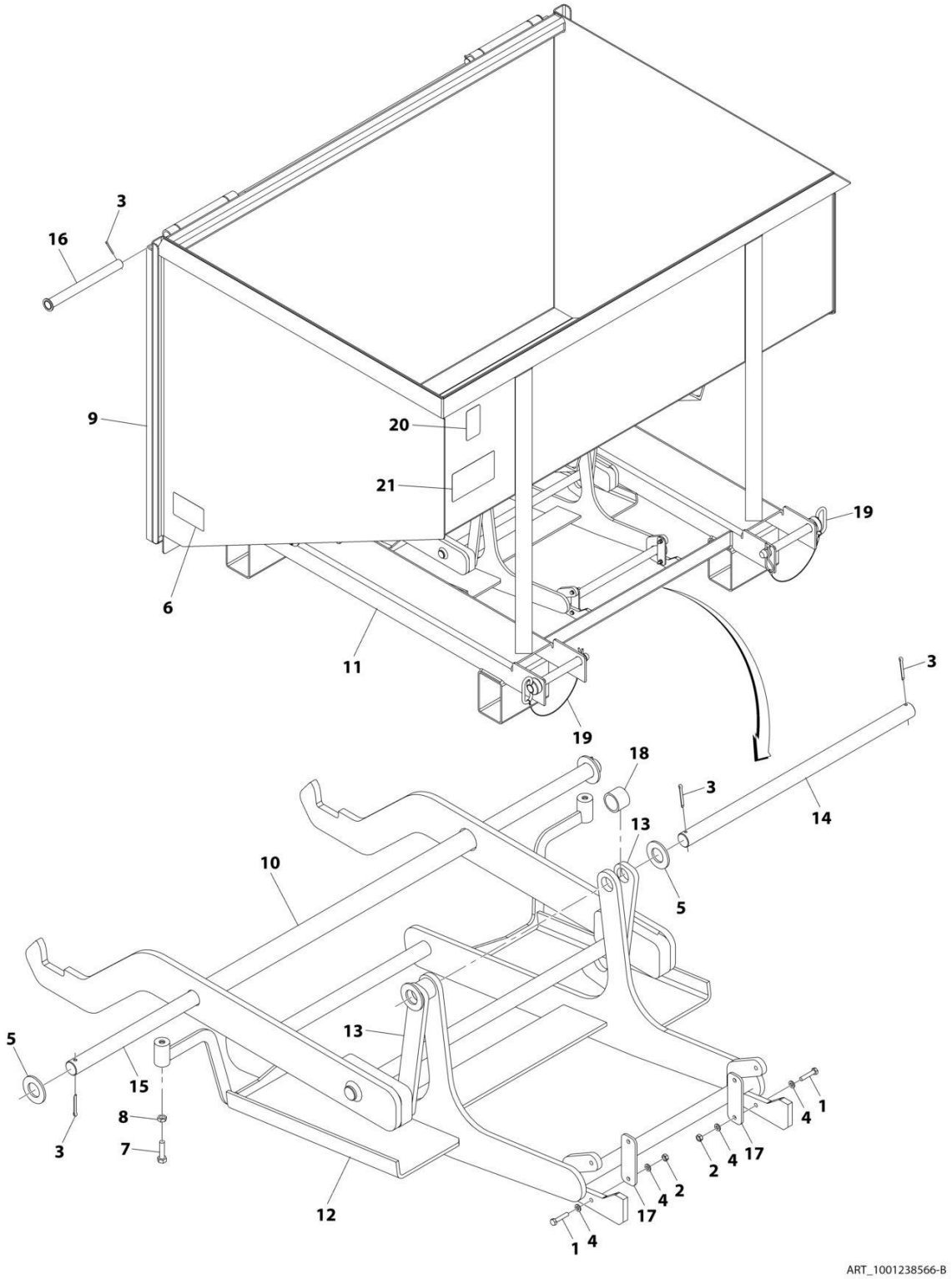


FIGURE 3-64. TRASH HOPPER

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	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-1. ENGINE INSTALLATION, 74HP (ULS)

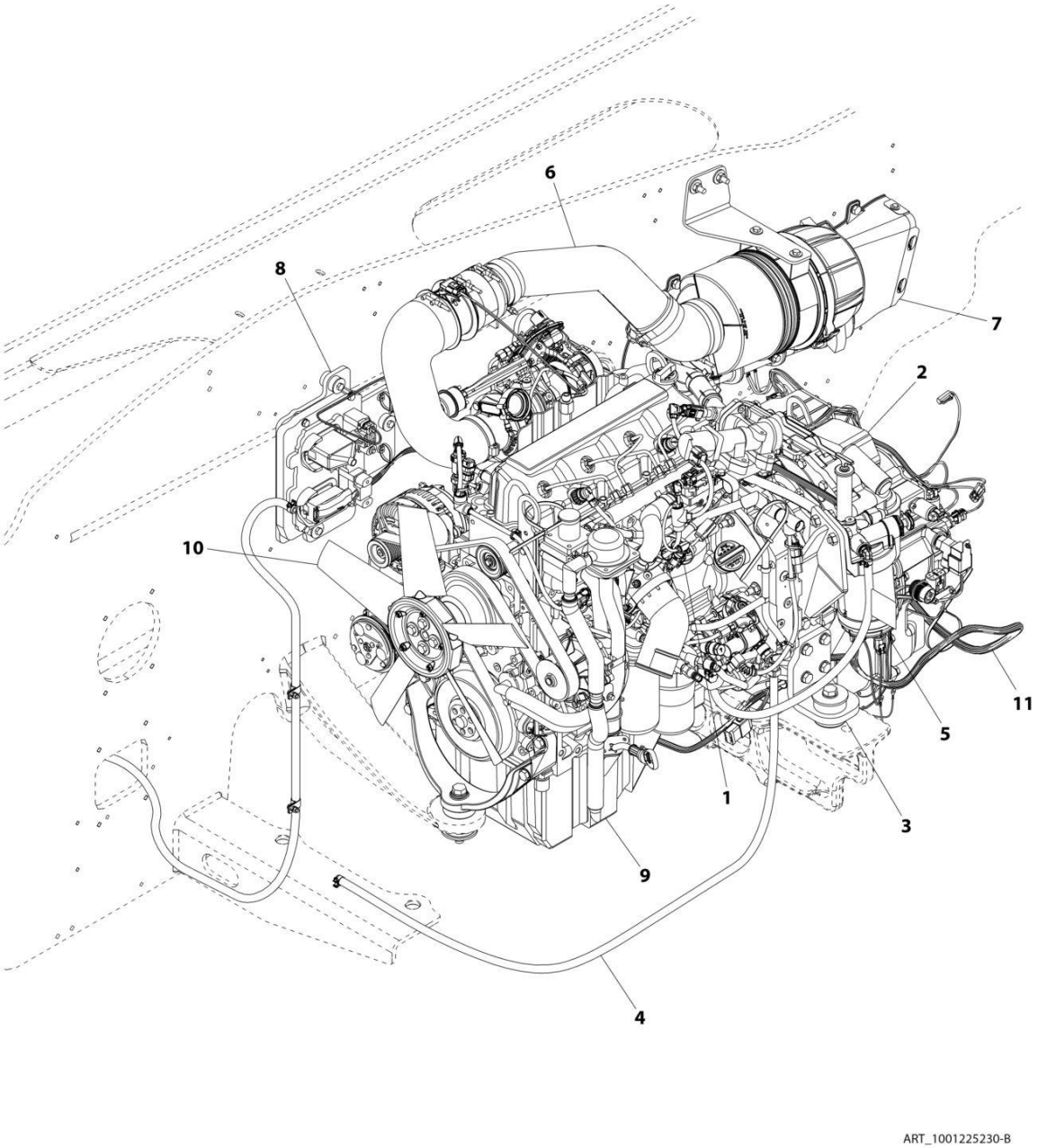


FIGURE 4-1. ENGINE INSTALLATION, 74HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225230	Ref	Engine Installation, 74HP (ULS)	B
1	1062255	1	Strap, Tie	
2	1001227962	Ref	Installation, Transmission (See Separate Breakdown in DRIVETRAIN Section)	
3	1001163227	Ref	Installation, Engine Mounting (See Separate Breakdown in this Section)	
4	1001163231	Ref	Installation, Fuel Lines (See Separate Breakdown in this Section)	
5	1001163235	Ref	Installation, Primary Fuel Filter (See Separate Breakdown in this Section)	
6	1001169011	Ref	Installation, Air Cleaner Lines (See Separate Breakdown in this Section)	
7	1001169012	Ref	Installation, Air Cleaner (See Separate Breakdown in this Section)	
8	1001194286	Ref	Installation, Engine ECU (See Separate Breakdown in ELECTRICAL Section)	
9	1001196665	Ref	Engine, 74HP (See Separate Breakdown in this Section)	
10	1001225231	Ref	Installation, Fan (See Separate Breakdown in this Section)	
11	1001225232	Ref	Installation, Engine Wiring (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 4-2. ENGINE COMPONENTS, 74HP (ULS)

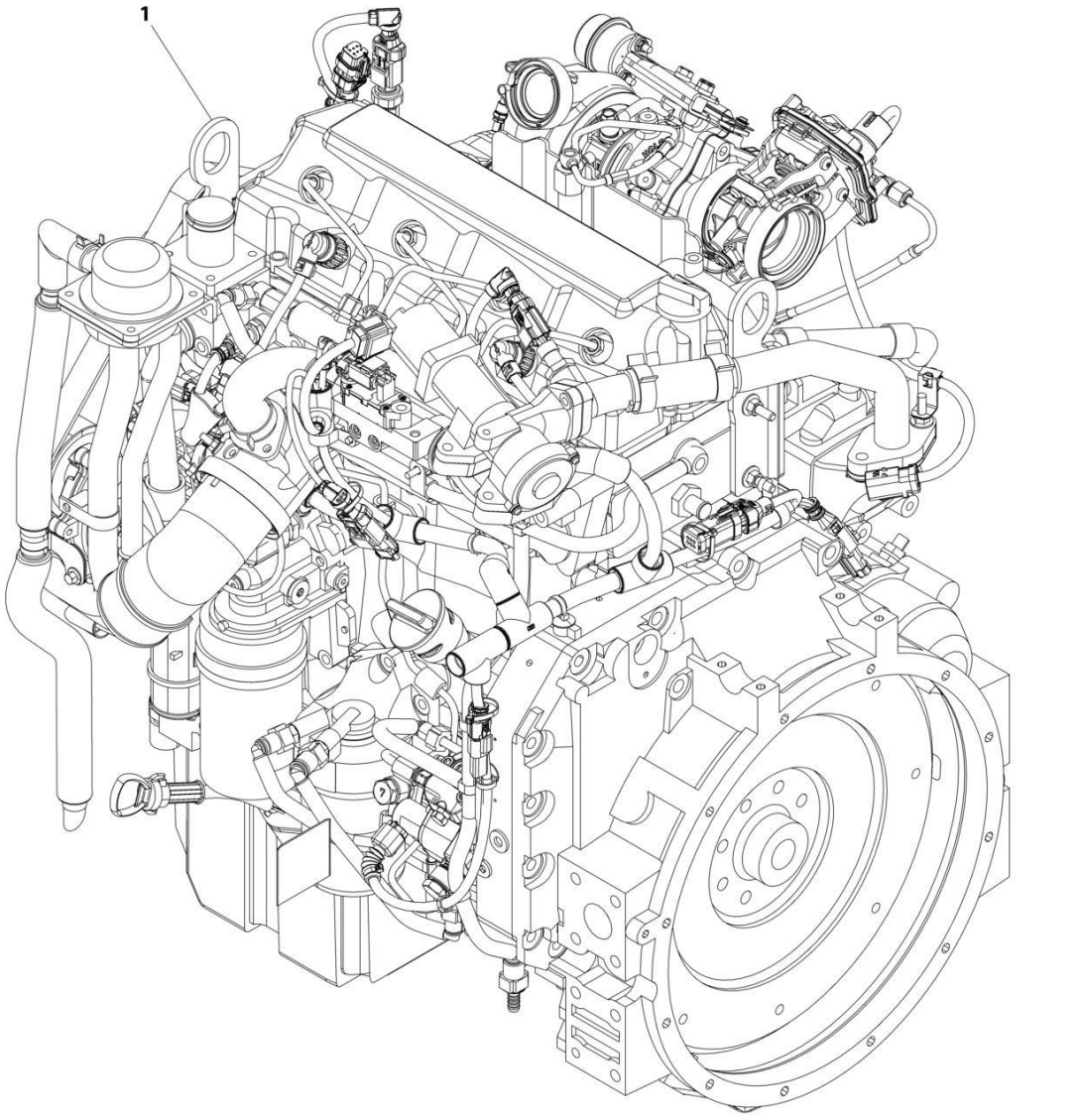


FIGURE 4-2. ENGINE COMPONENTS, 74HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001196665	Ref	Engine, 74HP (if equipped for ULS)	O
	70026220	1	Assembly, Secondary Fuel Filter (includes filter head, seal and element)	
	70026453	1	Element, Fuel Filter	
	70026221	1	Head, Fuel Filter	
	70026222	1	Assembly, Flywheel Housing	
	70027281	1	Pan, Oil	
	70026224	1	Seal, Oil Pan	
	70026225	1	Plug, Oil Pan	
	70026226	1	Seal, Oil Pan Plug	
	1001128594	1	Starter	
	70026228	1	Filler Cap, Valve Cover	
	70026229	1	Fan Belt, V-Ribbed	
	70026230	1	Support, Fan	
	70026231	1	Pulley, Fan	
	70026232	1	Alternator	
	70028450	1	Assembly, Primary Fuel Filter	
	70026234	1	Element, Fuel Filter	
	70026235	1	Assembly, Dipstick Oil Level	
	70026241	1	Assembly, Fuel Filter Plug	
	70026237	1	Filter, Oil	
	70023933	1	O-Ring, Oil Pressure Switch	
	70041620	2	Ring, Retaining	
	70041616	1	Bolt	
	70041617	1	Bearing, Ball	
	70041619	1	Retainer, Fan Hub	
	1322039	1	Spacer, Fan Pilot	
	1321094	19	Screw	
	70024016	1	Cap, Side Oil Fill	
	70022634	1	Flywheel w/Ring Gear	
	70023736	1	Ring Gear, Flywheel	
	1322040	1	Plug, Flywheel	
	70031148	1	Sensor, Speed	

FIGURE 4-3. ENGINE INSTALLATION, 110HP (ULS)

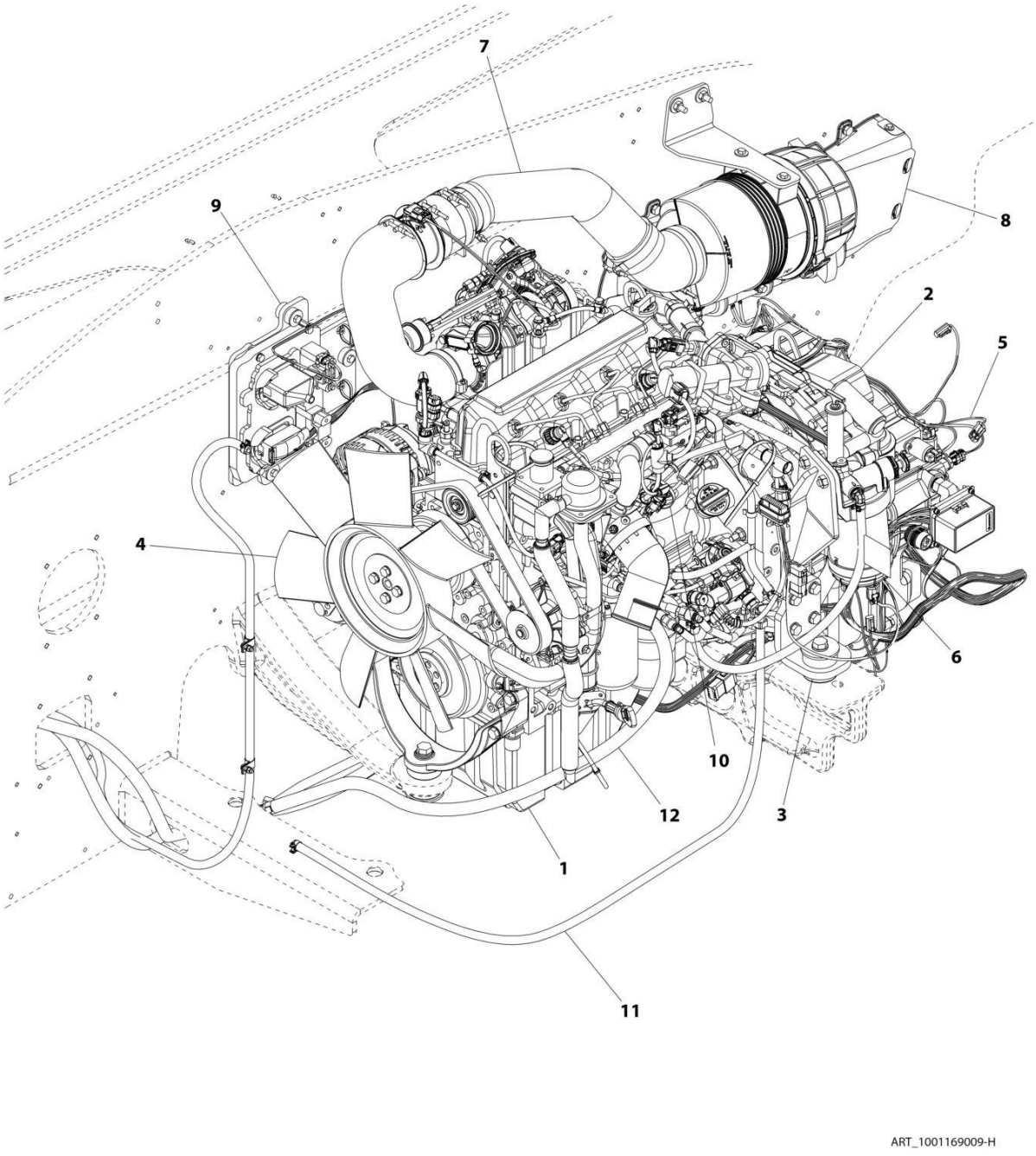


FIGURE 4-3. ENGINE INSTALLATION, 110HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169009	Ref	Engine Installation, 110HP (ULS)	H
1	1001154511	Ref	Engine, 110HP (ULS) (See Separate Breakdown in this Section)	
2	1001161664	Ref	Installation, Transmission (See Separate Breakdown in DRIVETRAIN Section)	
3	1001163227	Ref	Installation, Engine Mounting (See Separate Breakdown in this Section)	
4	1001163230	Ref	Installation, Fan (See Separate Breakdown in this Section)	
5	1001163233	Ref	Installation, Engine Wiring (ULS) (See Separate Breakdown in ELECTRICAL Section)	
6	1001163235	Ref	Installation, Primary Fuel Filter (See Separate Breakdown in this Section)	
7	1001169011	Ref	Installation, Air Cleaner Lines (See Separate Breakdown in this Section)	
8	1001169012	Ref	Installation, Air Cleaner (See Separate Breakdown in this Section)	
9	1001194286	Ref	Installation, Engine ECU (See Separate Breakdown in ELECTRICAL Section)	
10	1062255	1	Strap, Tie	
11	1001163231	Ref	Installation, Fuel Lines (See Separate Breakdown in this Section)	
12	1001163232	Ref	Installation, DEF Lines (See Separate Breakdown in this Section)	

FIGURE 4-4. ENGINE COMPONENTS, 110HP (ULS)

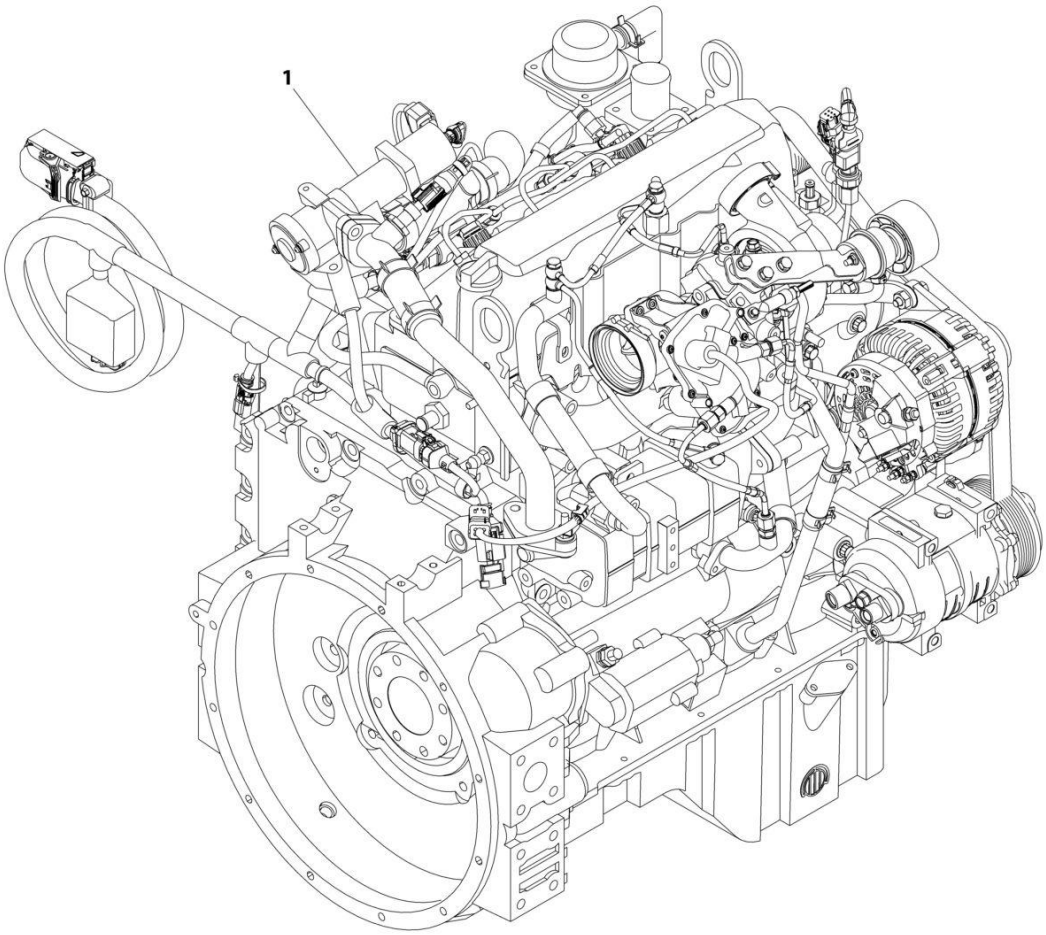


FIGURE 4-4. ENGINE COMPONENTS, 110HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001154511	Ref	Engine, QSF 3.8L (if equipped for ULS)	W
	70026220	1	Assembly, Secondary Fuel Filter (includes shell, seal and cartridge)	
	70026453	1	Cartridge, Fuel Filter	
	70031350	1	Rail, Fuel	
	70031351	1	Sensor, Fuel Pressure	
	70031352	1	Valve, Fuel Pressure Relief Valve	
	70026223	1	Pan, Oil	
	70026224	1	Seal, Oil Pan	
	70026225	1	Plug, Oil Pan	
	70026226	1	Seal, Oil Pan Plug	
	1001128594	1	Starter	
	70026228	1	Filler Cap, Valve Cover	
	70026229	1	Fan Belt, V-Ribbed	
	70026230	1	Support, Fan	
	70026231	1	Pulley, Fan	
	70026232	1	Alternator	
	70028450	1	Assembly, Primary Fuel Filter, (includes filter head, seal and element)	
	70026235	1	Assembly, Dipstick Oil Level	
	70026236	1	Assembly, Block Heater	
	70026241	1	Assembly, Fuel Filter Plug	
	70026237	1	Filter, Oil	
	70023933	1	O-Ring, Oil Pressure Switch	
	70041620	2	Ring, Retaining	
	70041616	1	Bolt, Fan Drive	
	70041617	1	Bearing, Ball	
	70041619	1	Retainer, Fan Hub	
	1322039	1	Spacer, Fan Pilot	
	1321094	16	Bolt, Oil Pan	
	70024016	1	Cap, Side Oil Fill	
	70022634	1	Flywheel w/Ring Gear	
	70023736	1	Ring Gear, Flywheel	
	1322040	1	Plug, Flywheel	
	70030317	1	Connection, Fuel Actuator	
	70030347	1	Valve, Exhaust Throttle	
	70031380	1	Harness, ECM	

FIGURE 4-5. ENGINE INSTALLATION, 110HP (LS)

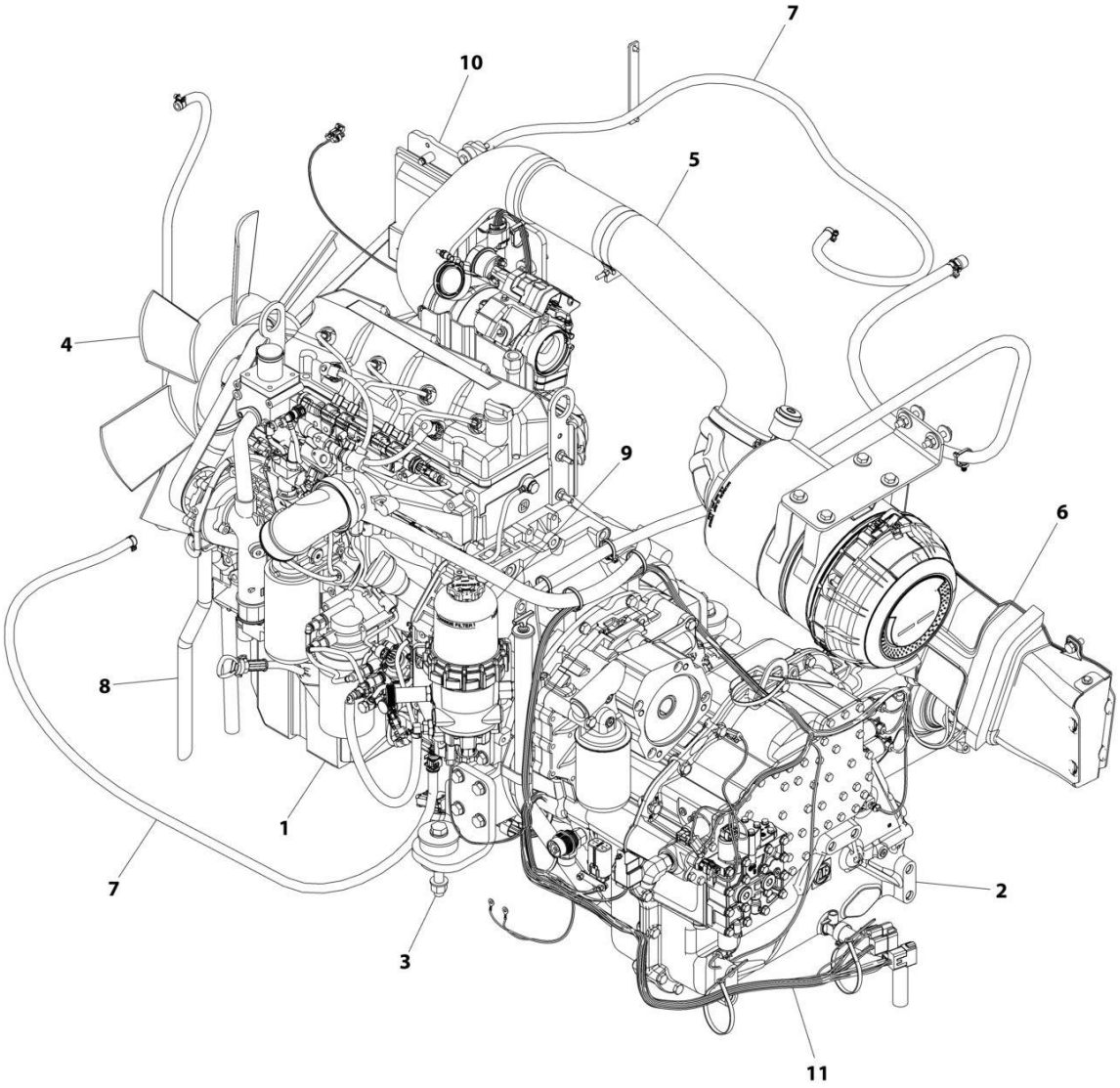


FIGURE 4-5. ENGINE INSTALLATION, 110HP (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160396	Ref	Engine Installation, 110HP (LS)	D
1	1001154790	Ref	Engine, 110HP (LS) (See Separate Breakdown in this Section)	
2	1001161664	Ref	Installation, Transmission (See Separate Breakdown in DRIVETRAIN Section)	
3	1001163227	Ref	Installation, Engine Mounting (See Separate Breakdown in this Section)	
4	1001163230	Ref	Installation, Fan (See Separate Breakdown in this Section)	
5	1001163238	Ref	Installation, Air Intake Lines (LS) (See Separate Breakdown in this Section)	
6	1001163239	Ref	Installation, Air Cleaner (LS) (See Separate Breakdown in this Section)	
7	1001163241	Ref	Installation, Fuel Lines (LS) (See Separate Breakdown in this Section)	
8	1001176228	1	Hose, 3.8L	
9	1001180076	Ref	Installation, Primary Fuel Filter (LS) (See Separate Breakdown in this Section)	
10	1001180242	Ref	Installation, Engine ECM (LS) (See Separate Breakdown in ELECTRICAL Section)	
11	1001163242	Ref	Installation, Engine Wiring (LS) (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 4-6. ENGINE COMPONENTS, 110HP (LS)

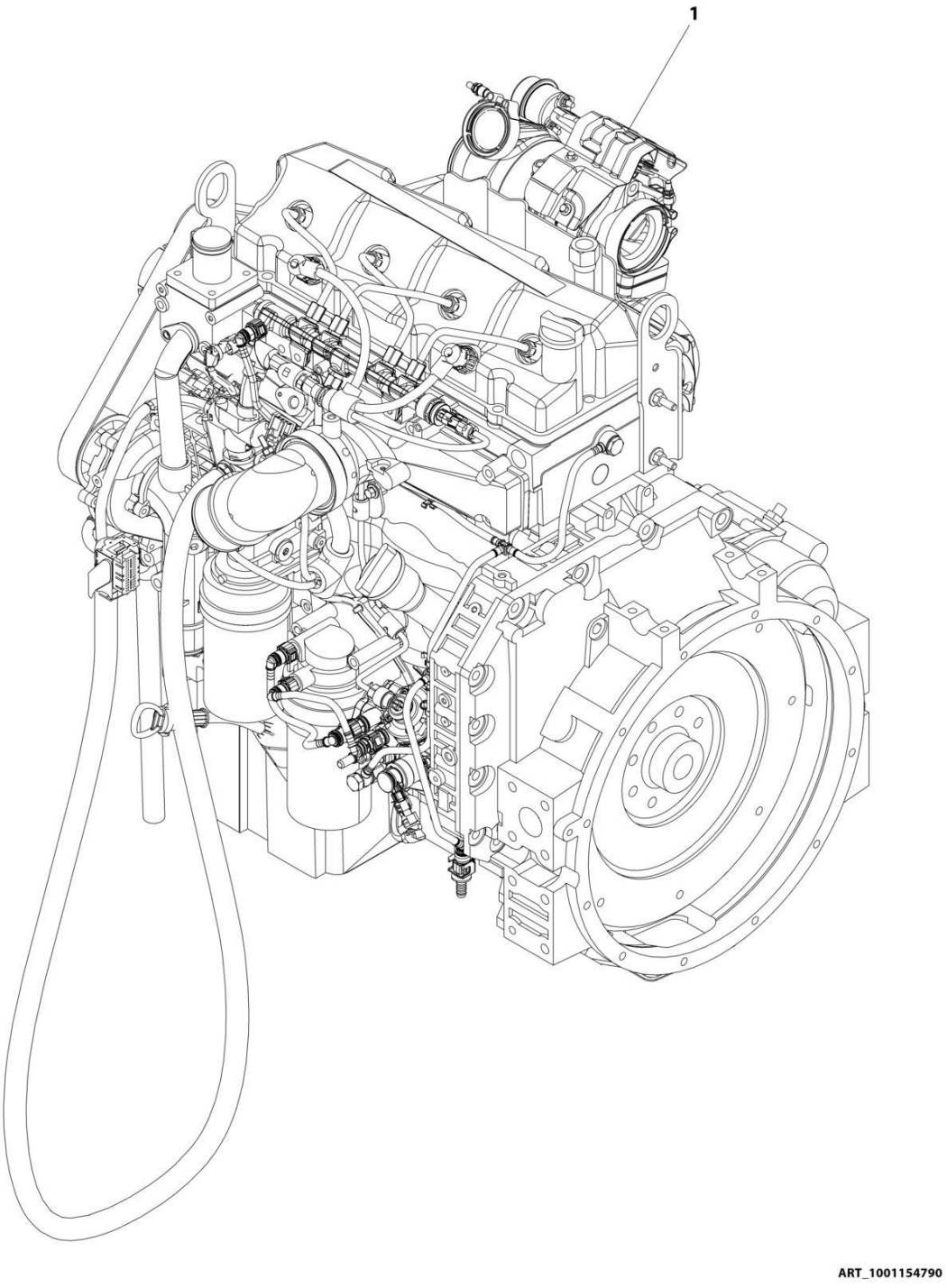


FIGURE 4-6. ENGINE COMPONENTS, 110HP (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001154790	Ref	3.8L Engine (LS)	L
	70026800	1	Fuel Filter Assembly	
	70026801	1	Fuel Filter Element	
	70026222	1	Assembly, Flywheel Housing	
	70027281	1	Pan, Oil	
	70026224	1	Seal, Oil Pan	
	70026225	1	Plug, Oil Pan	
	70026226	1	Seal, Oil Pan Plug	
	1001128594	1	Starter	
	70026228	1	Filler Cap, Valve Cover	
	70026229	1	Fan Belt, V-Ribbed	
	70026230	1	Support, Fan	
	70026231	1	Pulley, Fan	
	70026232	1	Alternator	
	70026233	1	Assembly, Primary Fuel Filter	
	70026234	1	Element, Fuel Filter	
	70026235	1	Assembly, Dipstick Oil Level	
	70026241	1	Assembly, Fuel Filter Plug	
	70026237	1	Filter, Oil	
	70041620	2	Ring, Retaining	
	70041616	1	Bolt	
	70041617	1	Bearing, Ball	
	70041619	1	Retainer, Fan Hub	
	1322039	1	Spacer, Fan Pilot	
	1321094	17	Screw	
	70024016	1	Cap, Side Oil Fill	
	70022634	1	Flywheel w/Ring Gear	
	70023736	1	Ring Gear, Flywheel	
	1322040	1	Plug, Flywheel	

FIGURE 4-7. ENGINE MOUNTING INSTALLATION

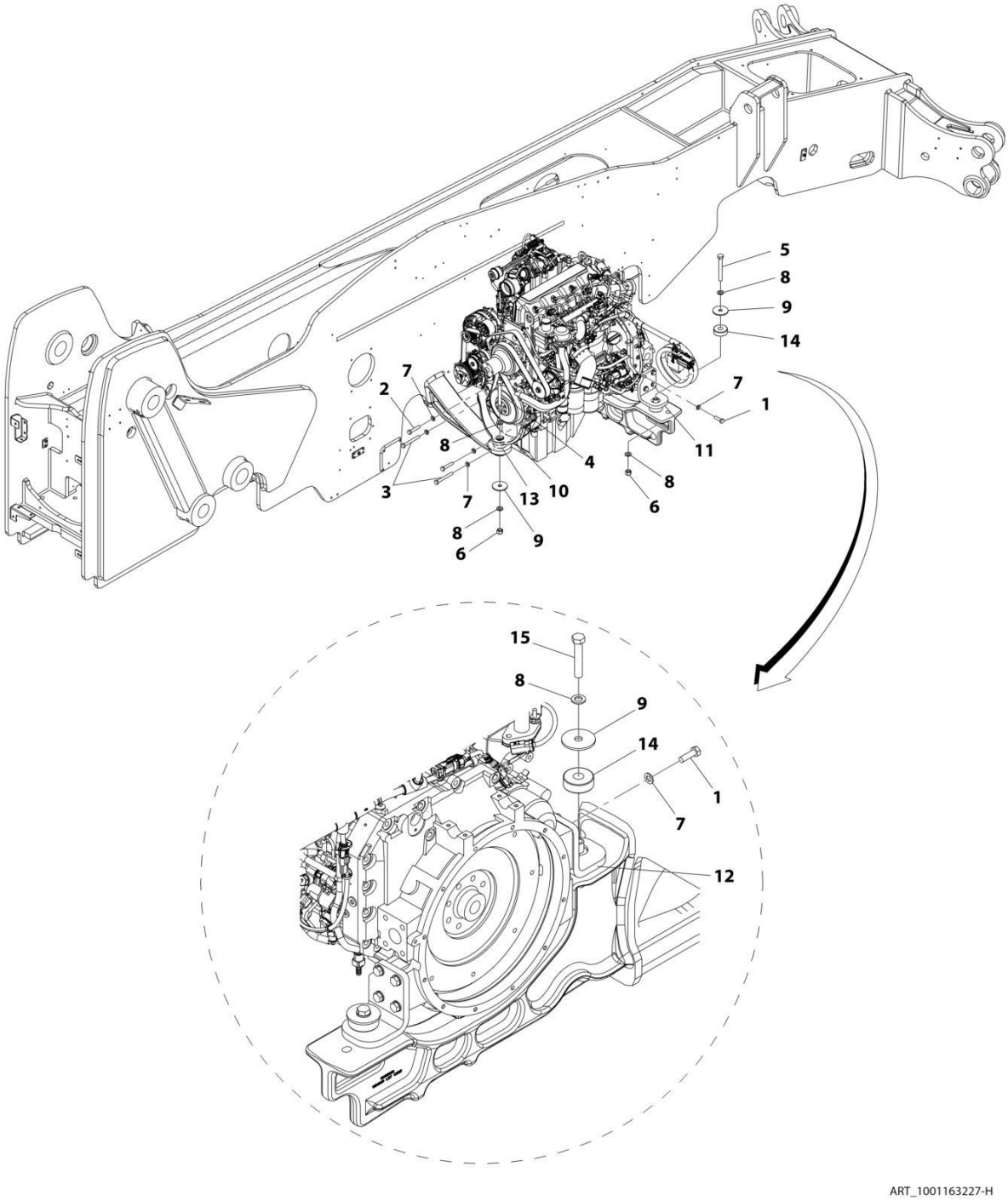
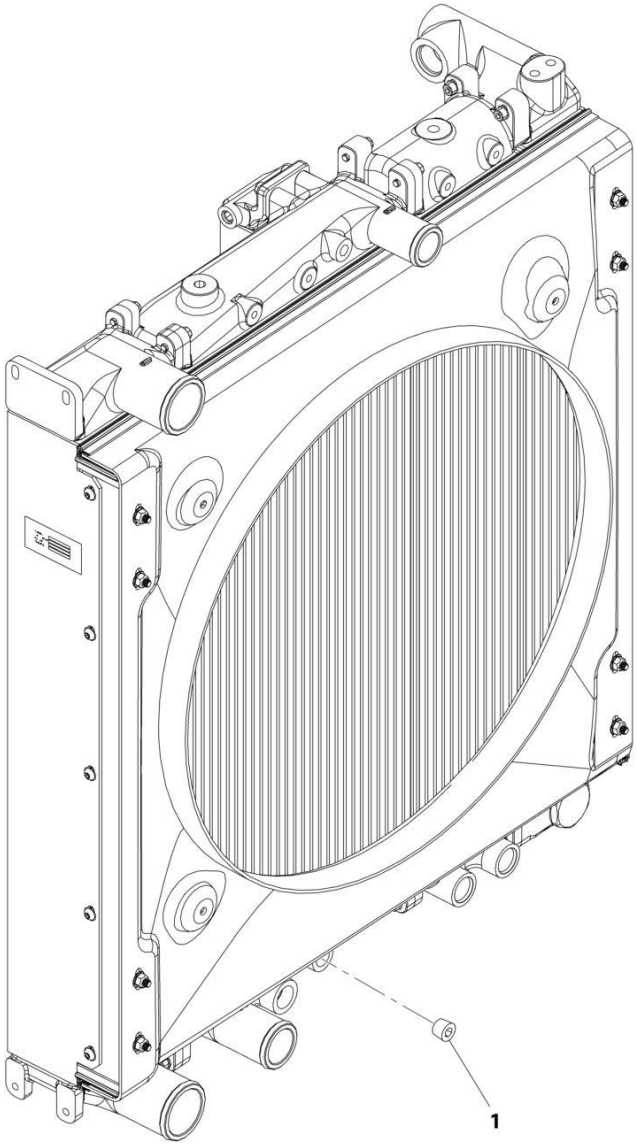


FIGURE 4-7. ENGINE MOUNTING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163227	Ref	Engine Mounting Installation	H
1	0701216	8	Bolt, M12X40	
2	0701220	2	Bolt, M12X60	
3	0701227	2	Bolt, M12X100	
4	0711629	1	Bolt, M16x120	
5	0711630	1	Bolt, M16X130	
6	3331615	2	Nut, M16	
7	4812100	12	Washer, M12	
8	4812300	5	Washer, M16	
9	7300435	3	Washer	
10	1001160116	1	Bracket, Engine	
11	1001168795	1	Plate, Engine Mount	
12	1001168797	1	Plate, Engine Mount	
13	1001160888	1	Mount, Isolator Engine	
14	1001195518	2	Mount, Isolator Engine	
15	0711626	1	Bolt, M16X90	

FIGURE 4-8. ENGINE PARTS INSTALLATION (NO HEATER)



ART_1001163133-D

FIGURE 4-8. ENGINE PARTS INSTALLATION (NO HEATER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163133	Ref	Engine Parts Installation (No Heater)	D
1	2200223	1	Plug	

FIGURE 4-9. ENGINE PARTS INSTALLATION (HEATER)

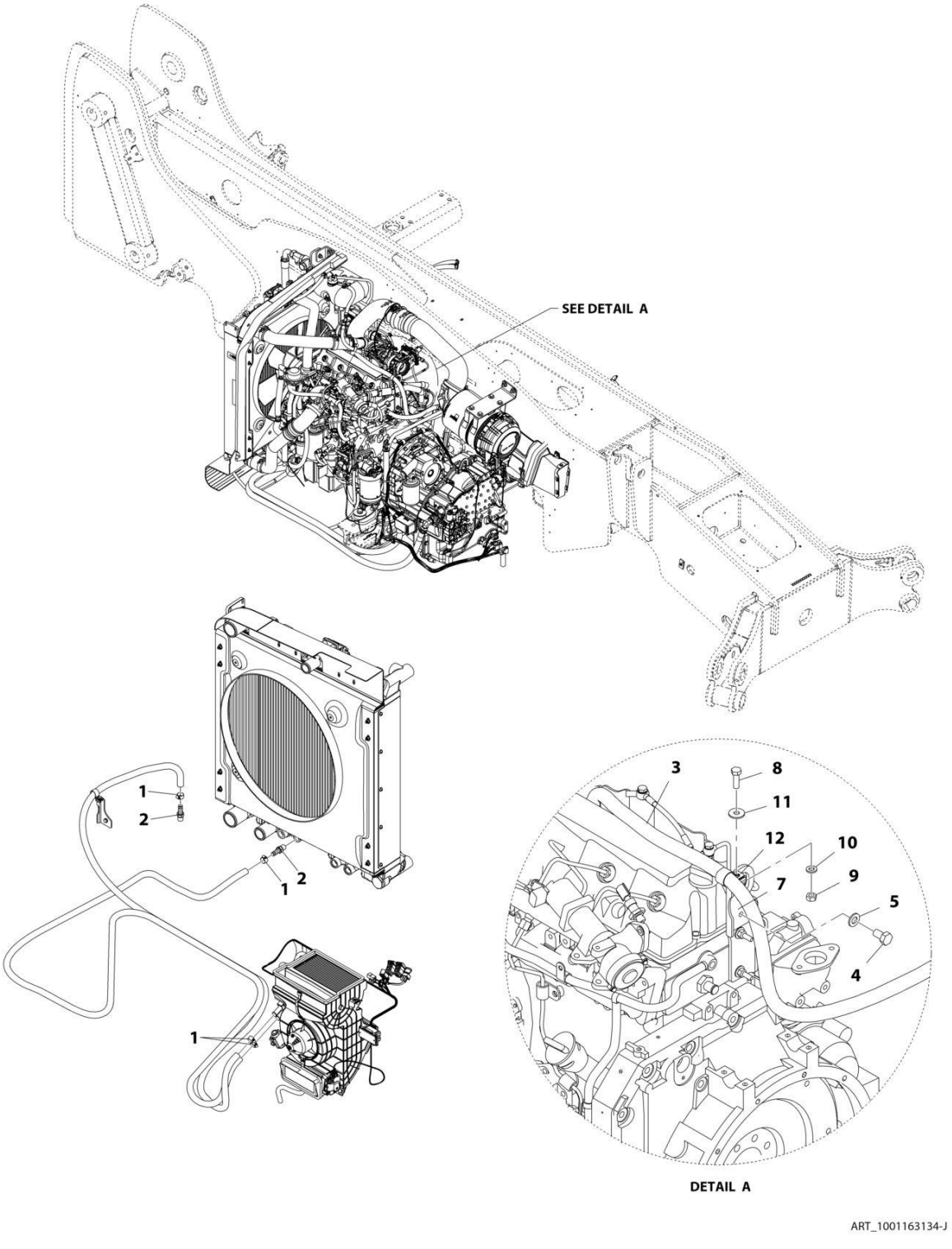


FIGURE 4-9. ENGINE PARTS INSTALLATION (HEATER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163134	Ref	Engine Parts Installation (Heater)	J
1	8410009	4	Clamp, Gear	
2	1001104685	2	Pipe	
3	82033995	7 m	Hose	
4	0760807	1	Bolt, M8X14	
5	4811900	1	Washer, M8	
7	1001200555	1	Bracket	
8	0700610	1	Bolt, M6X20	
9	3290601	1	Nut, M6X1	
10	4811700	1	Washer, M6	
11	4811702	1	Washer, M6	
12	8406201	1	Clip	

FIGURE 4-10. AIR CLEANER INSTALLATION (ULS)

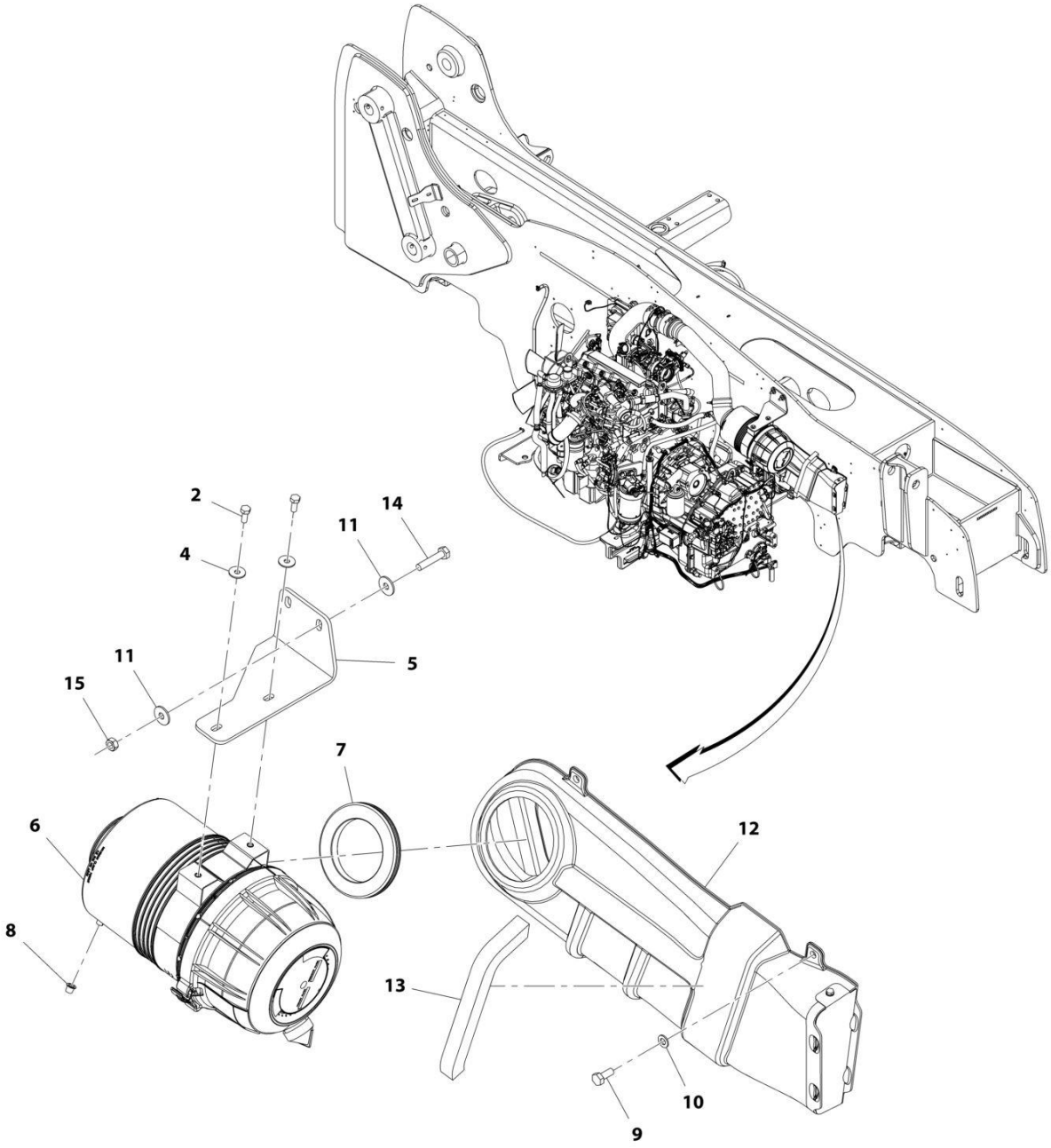


FIGURE 4-10. AIR CLEANER INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169012	Ref	Air Cleaner Installation	F
2	0760810	2	Bolt, M8X20	
4	4811902	2	Washer, M8	
5	1001185278	1	Bracket	
6	1001166566	1	Filter, Air Cleaner (See Separate Breakdown in this Section)	
7	1001183830	1	Grommet, Intake	
8	1001183177	1	Cap, Air Cleaner	
9	0761012	4	Bolt, M10X25	
10	4812000	4	Washer, M10	
11	4812002	4	Washer, M10	
12	1001183835	1	Installation, Air Intake Duct (See Separate Breakdown in this Section)	
13	1001186898	1	Seal	
14	0701018	2	Bolt, M8X50	
15	3291001	1	Nut, M10X1.5 Grade 8	

FIGURE 4-11. AIR CLEANER INSTALLATION (LS)

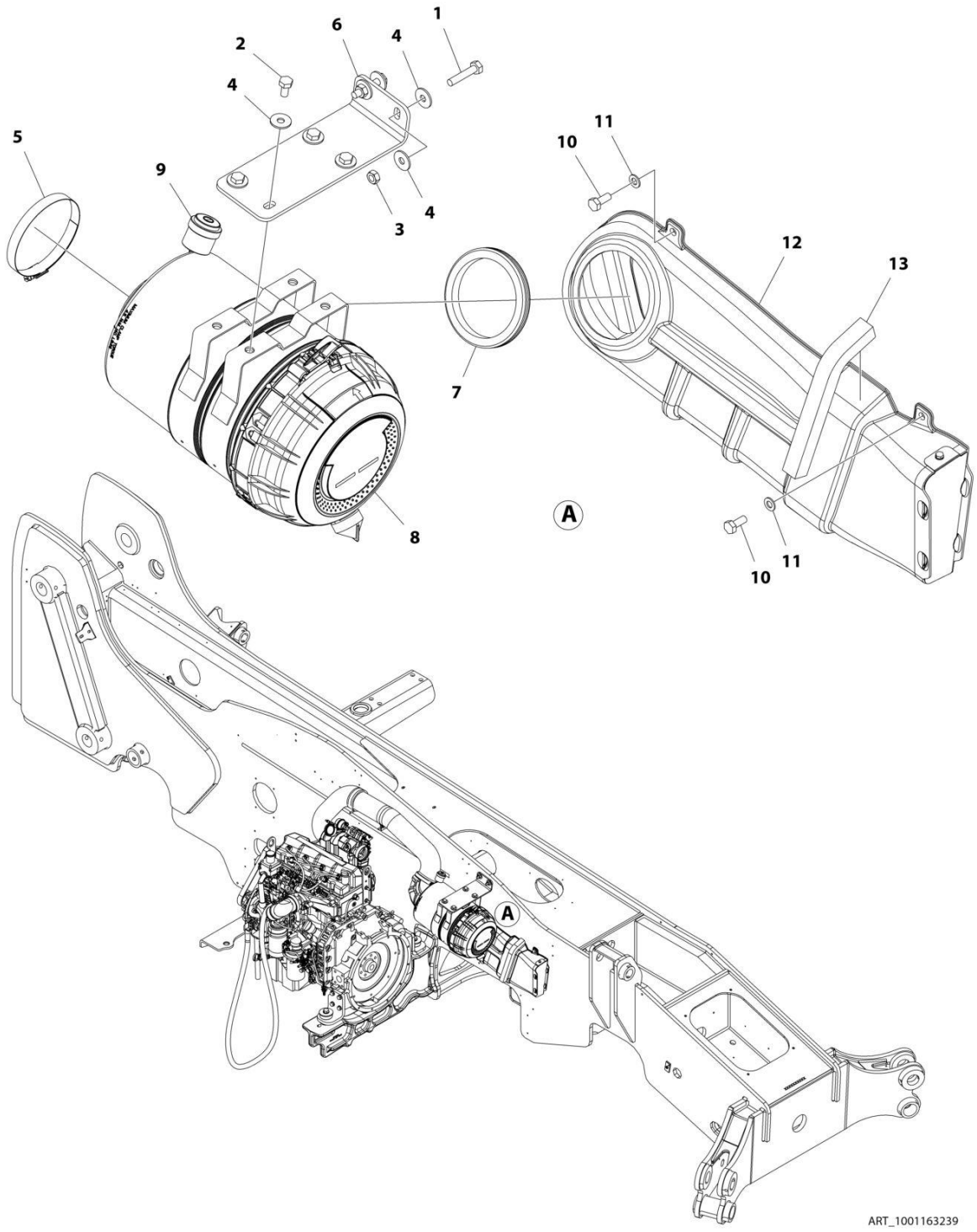


FIGURE 4-11. AIR CLEANER INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163239	Ref	AIR CLEANER INSTALLATION (LS)	F
1	0701018	2	Bolt M10 x 50	
2	0761010	4	Bolt M10 x 20	
3	3291001	2	Nut M10 x 1.5 Grade 8	
4	4812002	8	Washer M10	
5	8405402	1	Clamp	
6	1001194534	1	Bracket, Air Cleaner Mount	
7	1001183831	1	Grommet	
8	1001166565	1	Filter, Air Cleaner (See Separate Breakdown in this Section)	
9	1001166716	1	Indicator	
10	0761012	4	Bolt M10 x 25	
11	4812000	4	Washer M10	
12	1001183835	1	Installation, Duct Air Intake (See Separate Breakdown in this Section)	
13	1001186898	1	Seal	

FIGURE 4-12. AIR CLEANER ASSEMBLY, 74HP

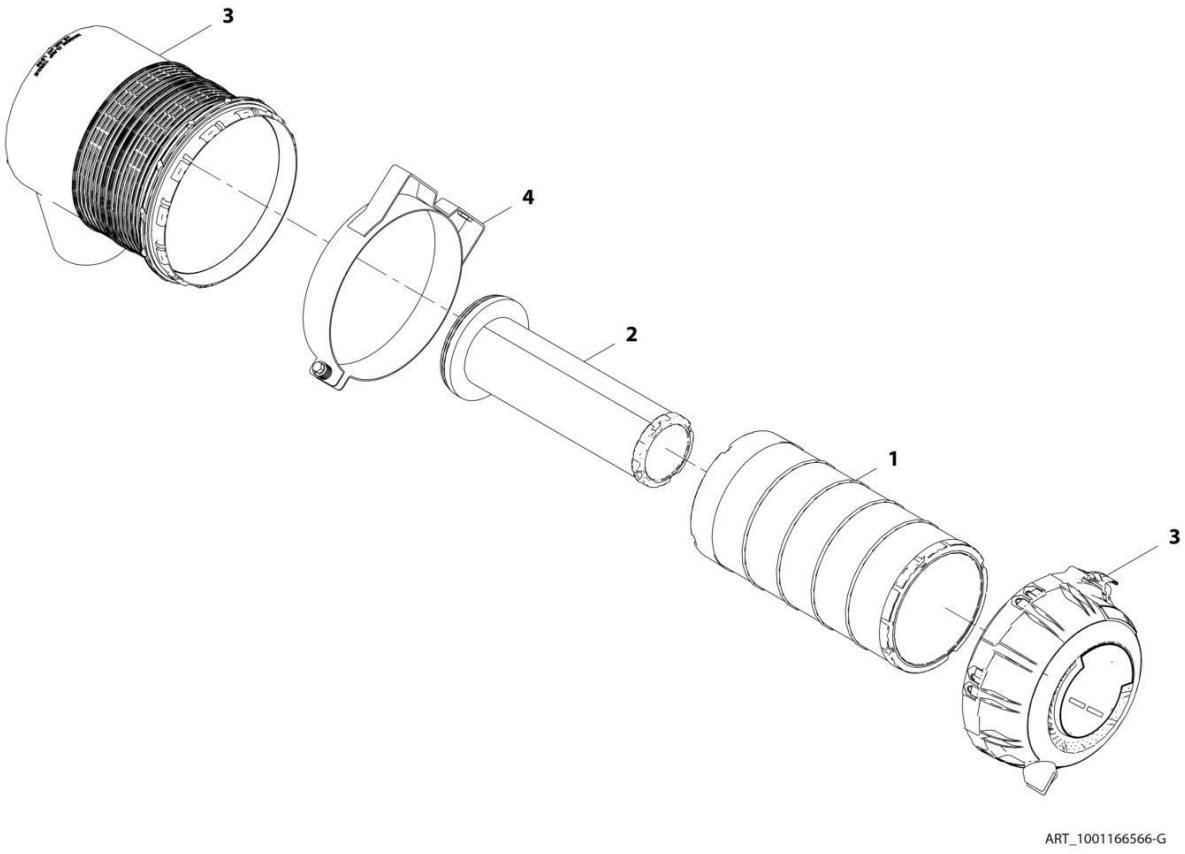


FIGURE 4-12. AIR CLEANER ASSEMBLY, 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166566	Ref	Air Cleaner Assembly (74.4KW)	G
1	70025852	1	Filter, Air Cylindrical Primary	
2	70025853	1	Filter, Air Cylindrical Secondary	
3	70026393	1	Cover, Air Cleaner	
4	70026394	1	Bracket, Mounting Band	

FIGURE 4-13. AIR CLEANER ASSEMBLY, 110HP

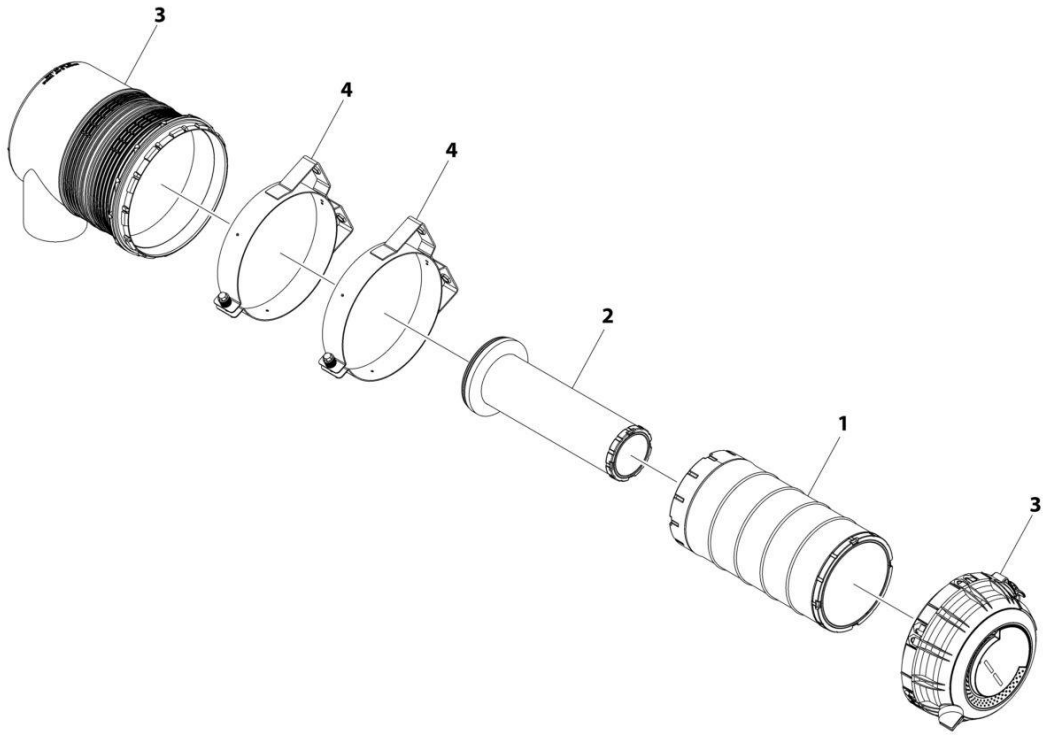


FIGURE 4-13. AIR CLEANER ASSEMBLY, 110HP

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 4-14. AIR INTAKE DUCT INSTALLATION

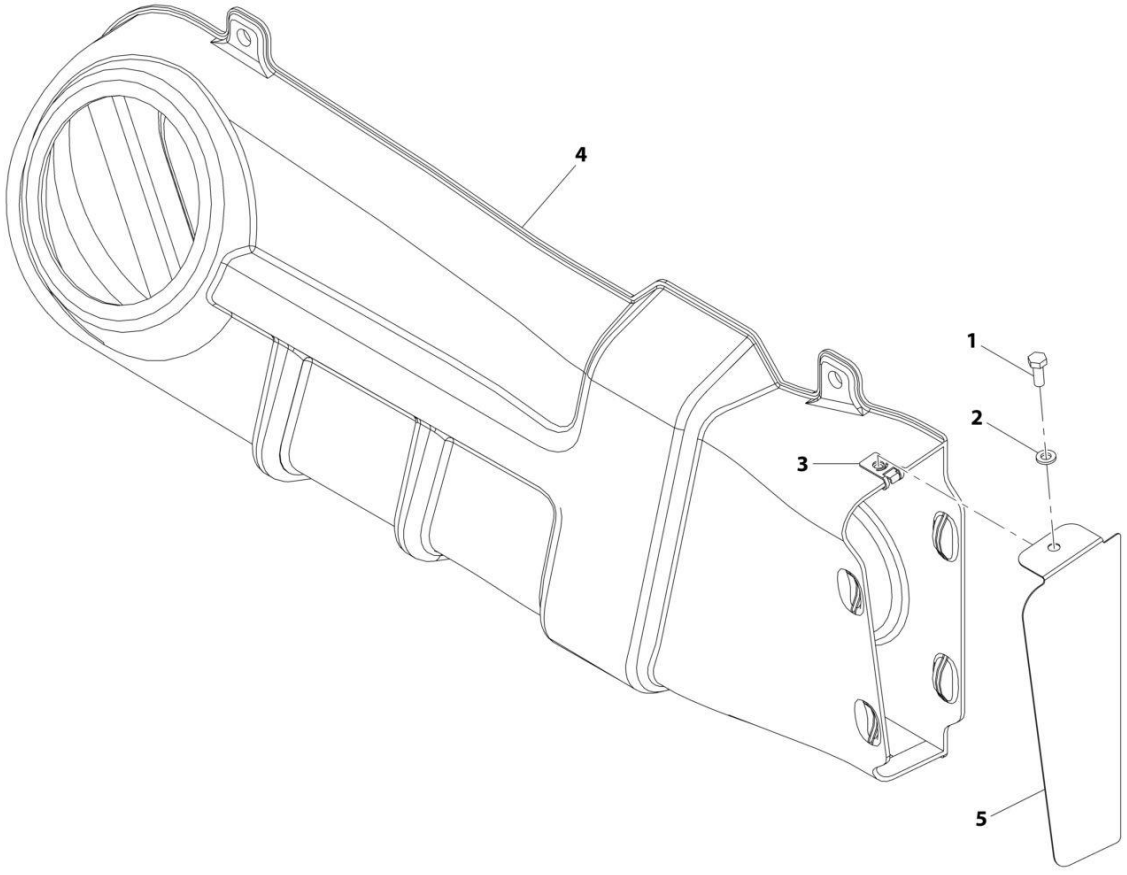


FIGURE 4-14. AIR INTAKE DUCT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183835	Ref	Air Intake Duct Installation	C
1	0760608	1	Bolt, M6X16	
2	4811702	1	Washer, M6	
3	8305919	1	Nut	
4	1001183827	1	Duct	
5	1001183829	1	Plate	

FIGURE 4-15. AIR CLEANER LINES INSTALLATION (ULS)

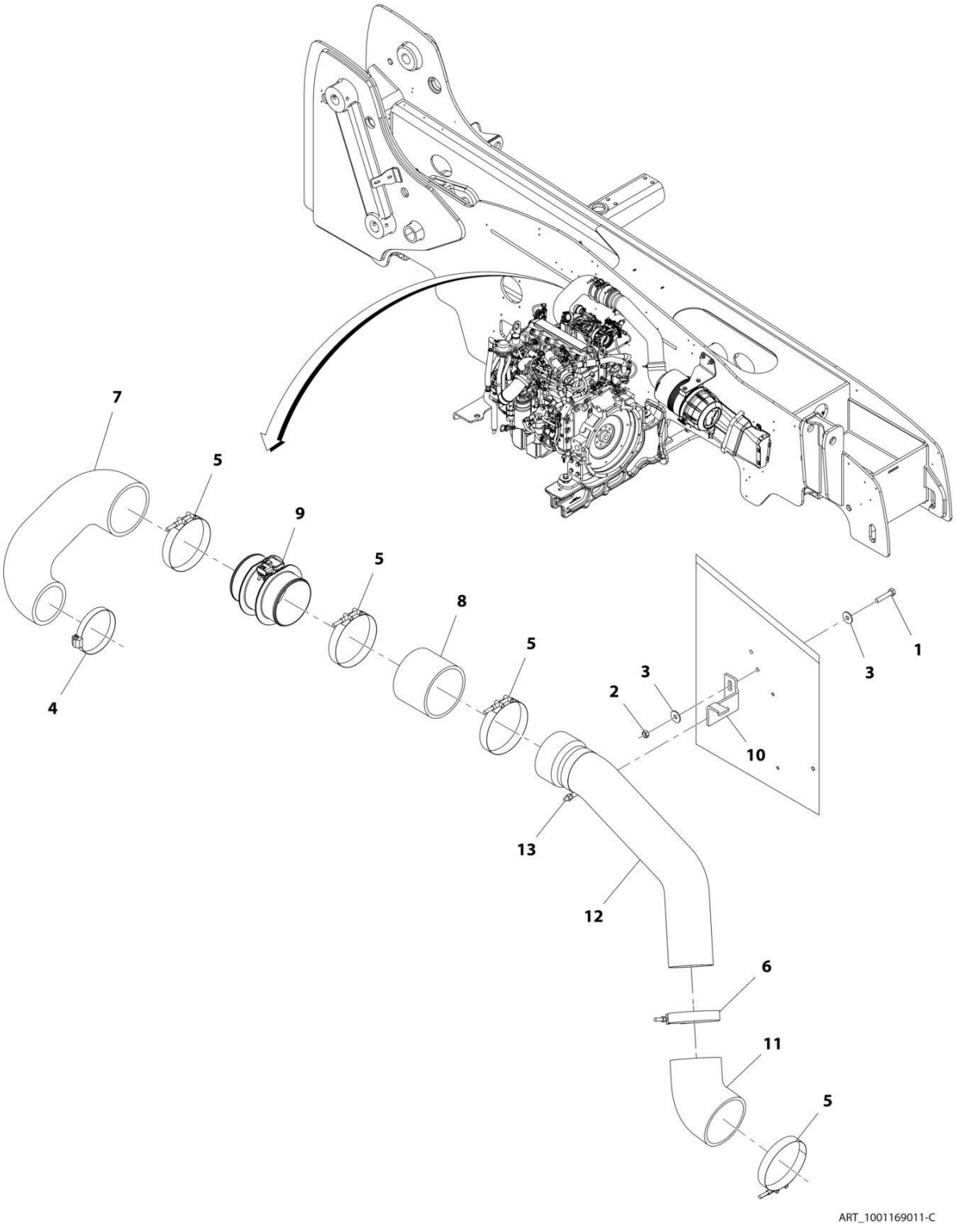


FIGURE 4-15. AIR CLEANER LINES INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169011	Ref	Air Cleaner Lines Installation	C
1	0700816	1	Bolt, M8X40	
2	3290801	1	Nut, M8X1.25 Grade 8	
3	4811902	2	Washer, M8	
4	8410011	1	Clamp	
5	80933367	4	Clamp	
6	91413025	1	Clamp	
7	1001166449	1	Hose	
8	1001166450	1	Hose	
9	1001168771	1	Tube	
10	1001169155	1	Bracket	
11	1001185505	1	Elbow	
12	1001185497	1	Tube	
13	8410007	1	Clamp, T-Bolt	

FIGURE 4-16. AIR CLEANER LINES INSTALLATION (LS)

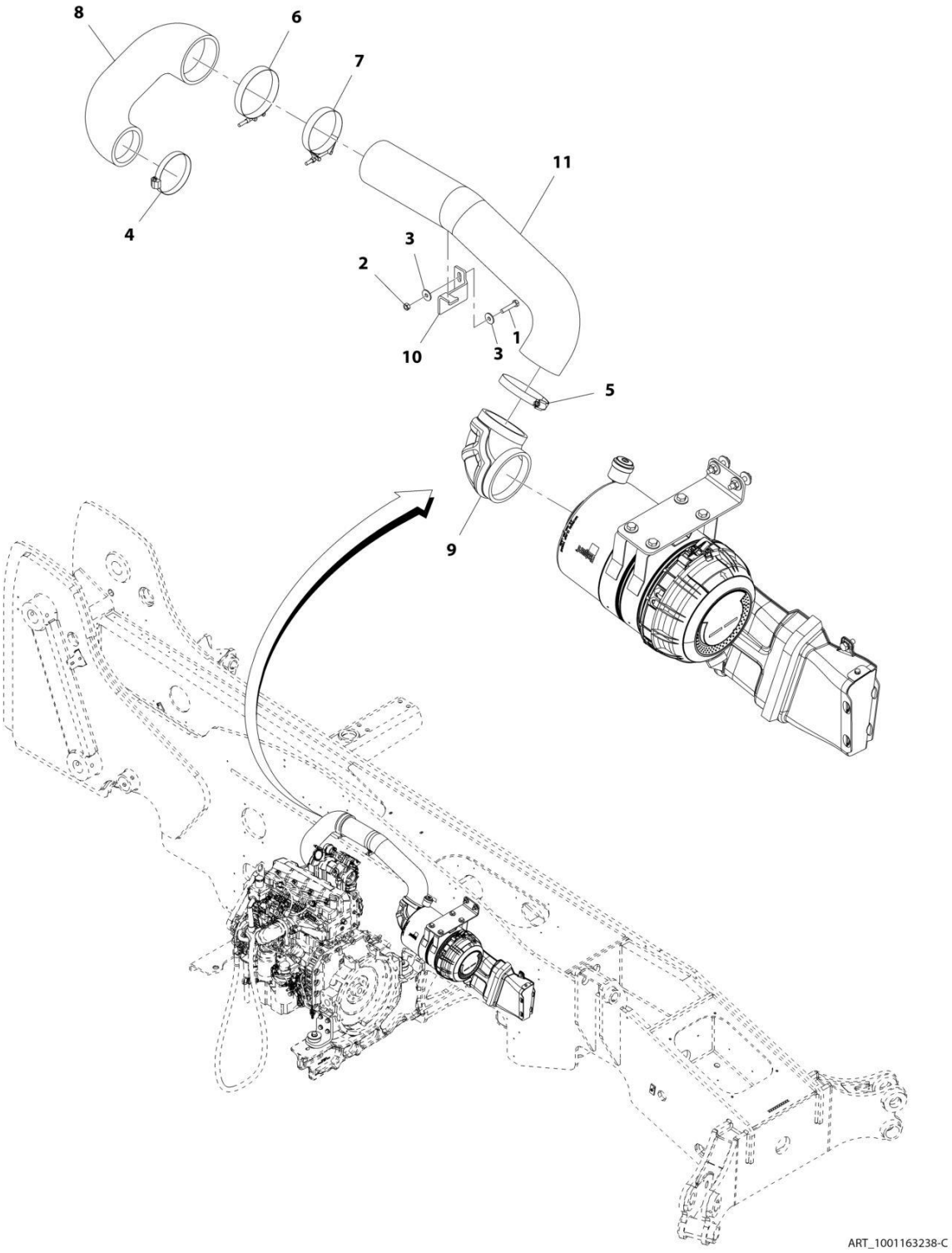


FIGURE 4-16. AIR CLEANER LINES INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163238	Ref	Air Intake Lines Installation (LS)	C
1	0700816	1	Bolt, M8X40	
2	3290801	1	Nut, M8X1.25 Grade 8	
3	4811902	2	Washer, M8	
4	8410011	1	Clamp	
5	10719267	1	Clamp	
6	80933367	1	Clamp	
7	91413025	1	Clamp	
8	1001166449	1	Hose	
9	1001166451	1	Elbow	
10	1001169155	1	Bracket	
11	1001185498	1	Tube	

FIGURE 4-17. AIR INTAKE SHUT OFF VALVE INSTALLATION

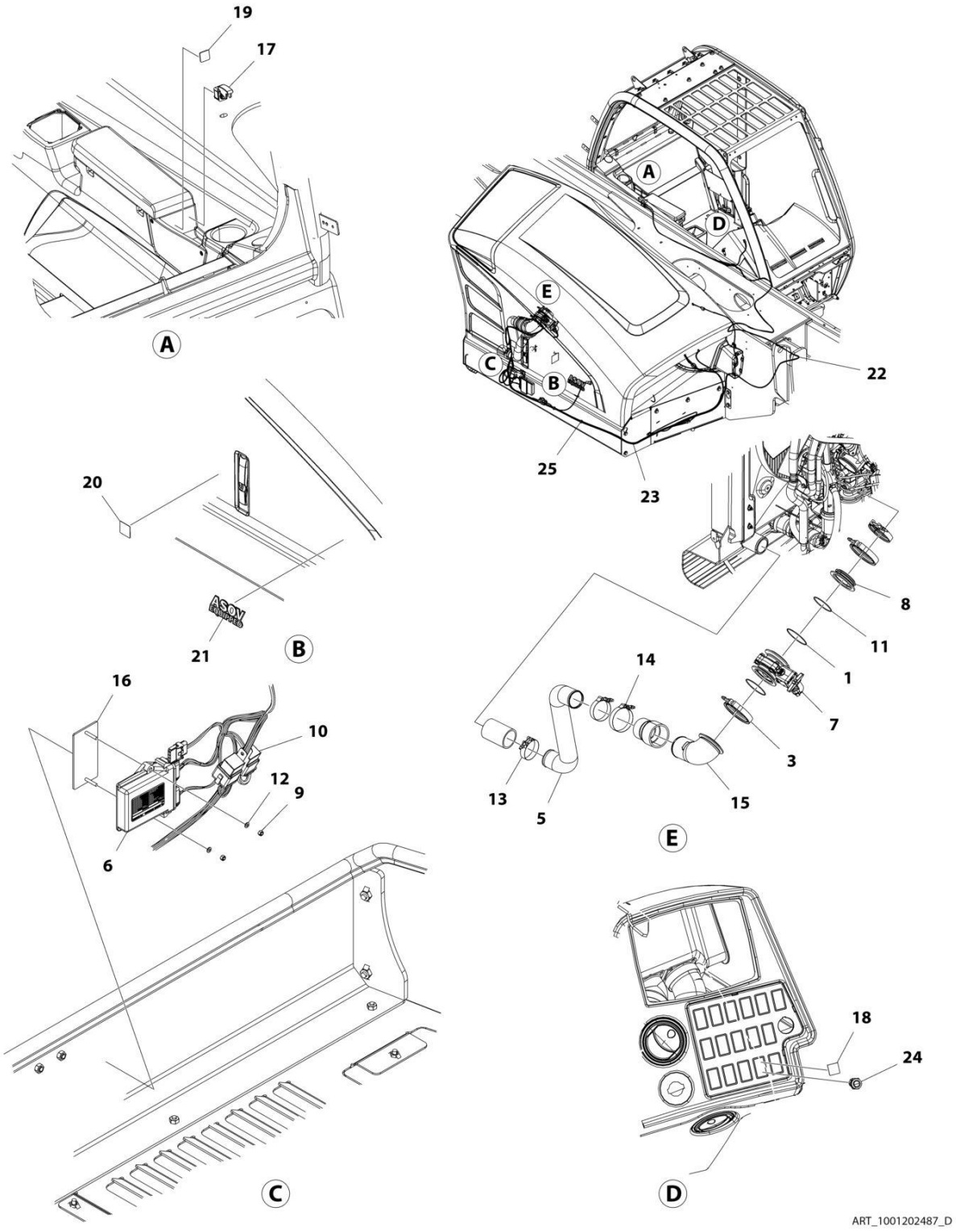


FIGURE 4-17. AIR INTAKE SHUT OFF VALVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202487	Ref	Air Intake Shut Off Valve Installation	D
1	3790152	2	Ring	
3	1001202247	2	Clamp	
5	1001202491	1	Pipe	
6	1001203181	1	Accessory, Control	
7	1001204032	1	Valve, Air Shut Off (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
8	1001206980	1	Plate	
9	3290505	2	Nut, Lock M5X0.8 Grade 8	
10	3740080	2	Relay	
11	3790151	1	O-Ring	
12	4811600	2	Washer, M5	
13	8405212	2	Clamp	
14	8405305	1	Clamp	
15	1001215476	1	Pipe	
16	1001219082	1	Bracket	
17	1001215941	1	Switch	
18	1001227077	1	Decal, Air Shut Off	
19	1001227964	1	Decal, ASOV Test	
20	1001228273	1	Decal, Air Shut Off	
21	1001228643	1	Decal, ASOV Equipped	
22	1001231407	1	Harness, Cab Air Shut Off Valve (See Separate Breakdown in ELECTRICAL Section)	
23	1001231483	1	Harness, Engine Air Shut Off Valve (See Separate Breakdown in ELECTRICAL Section)	
24	1001239539	1	Lamp	
25	91053419	AR	Strap, Cable	

FIGURE 4-18. HEATER BREATHER - 74 HP

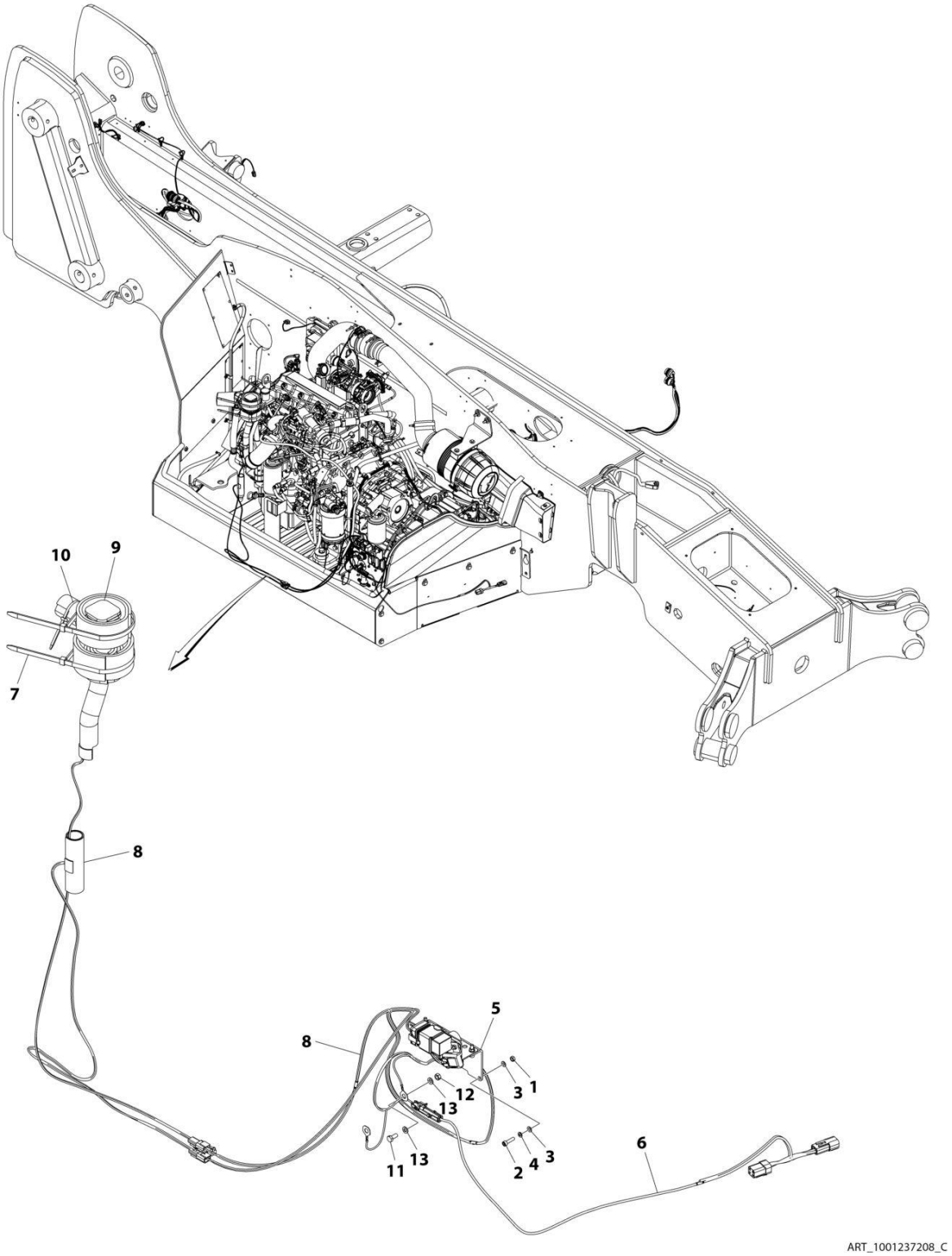


FIGURE 4-18. HEATER BREATHER - 74 HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237208	Ref	Heater Breather - 74 HP	C
1	3290501	4	Nut, M5X0.8	
2	4031608	4	Screw, M5X20	
3	4811600	8	Washer, M5	
4	4831600	4	Washer, Lock M5	
5	1001253331	1	Bracket	
6	1001237171	1	Harness, Cummins Breather Heater (See Separate Breakdown in Electrical Section)	
7	01043892	2	Strap, Tie	
8	1001232439	1	Engine, Cummins Breather Kit	
9	1001232624	1	Insulate, Cummins Insulation	
10	86683122	1	Strap, Tie	
11	0760607	1	Bolt, M6X1	
12	3290601	1	Nut, M6X1	
13	4811700	2	Washer, M6	

FIGURE 4-19. EXHAUST INSTALLATION, 74HP (ULS)

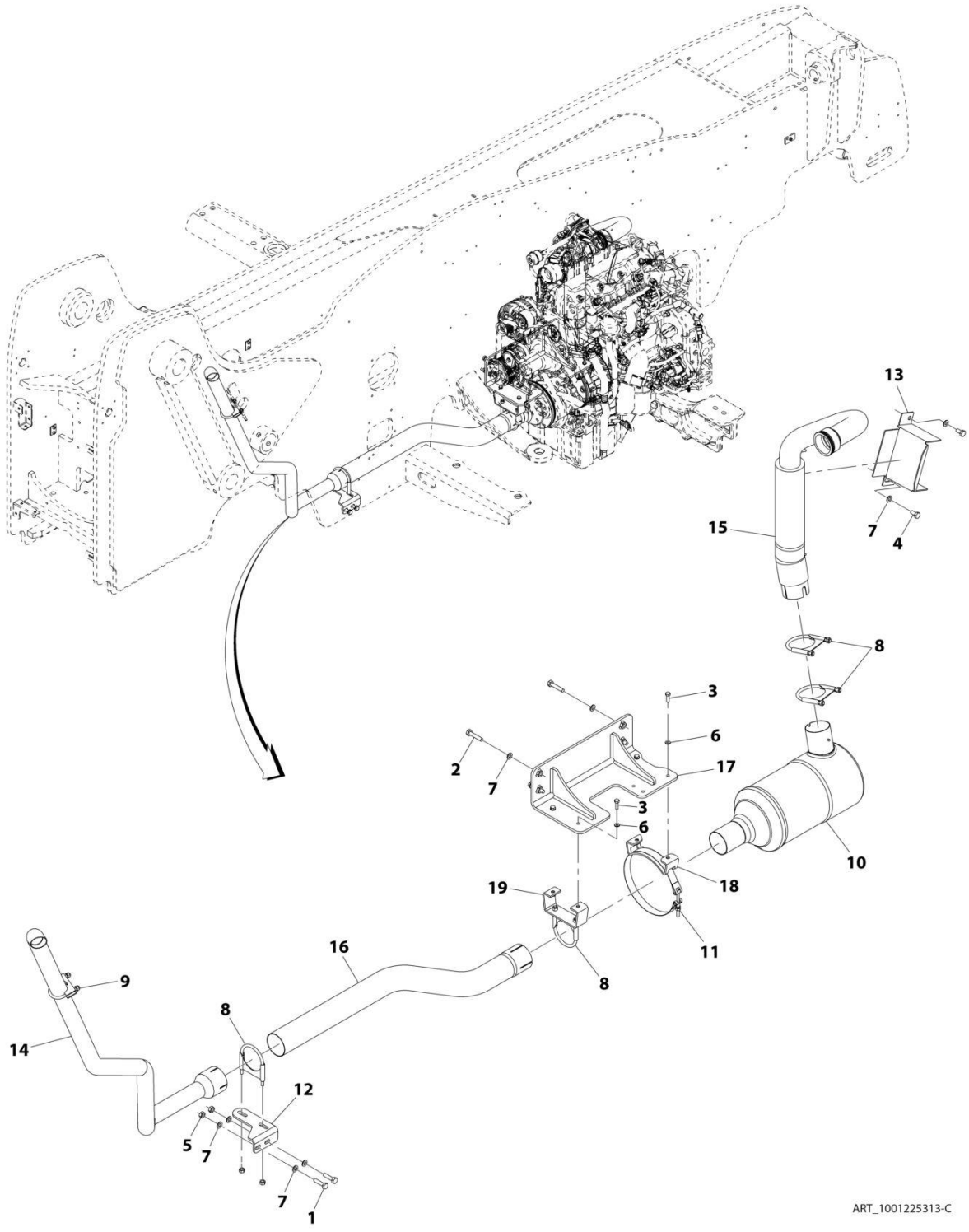


FIGURE 4-19. EXHAUST INSTALLATION, 74HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225313	Ref	Exhaust Installation (74HP) (ULS)	C
1	0701016	2	Bolt, M10X40	
2	0701018	4	Bolt, M10X50	
3	0760812	4	Bolt, M8X25	
4	0761010	2	Screw, M10X20	
5	3291001	2	Nut, M10X1.5	
6	4811900	4	Washer, M8	
7	4812000	10	Washer, M10	
8	24921332	4	Clamp	
9	86683211	1	Clamp	
10	1001128714	1	Muffler	
11	1001128901	1	Strap	
12	1001162281	1	Support	
13	1001228516	1	Bracket	
14	1001204144	1	Pipe	
15	1001224030	1	Pipe	
16	1001224031	1	Pipe	
17	1001227234	1	Bracket	
18	1001225126	1	Bracket	
19	1001225402	1	Bracket	

FIGURE 4-20. EXHAUST INSTALLATION, 110HP (ULS)

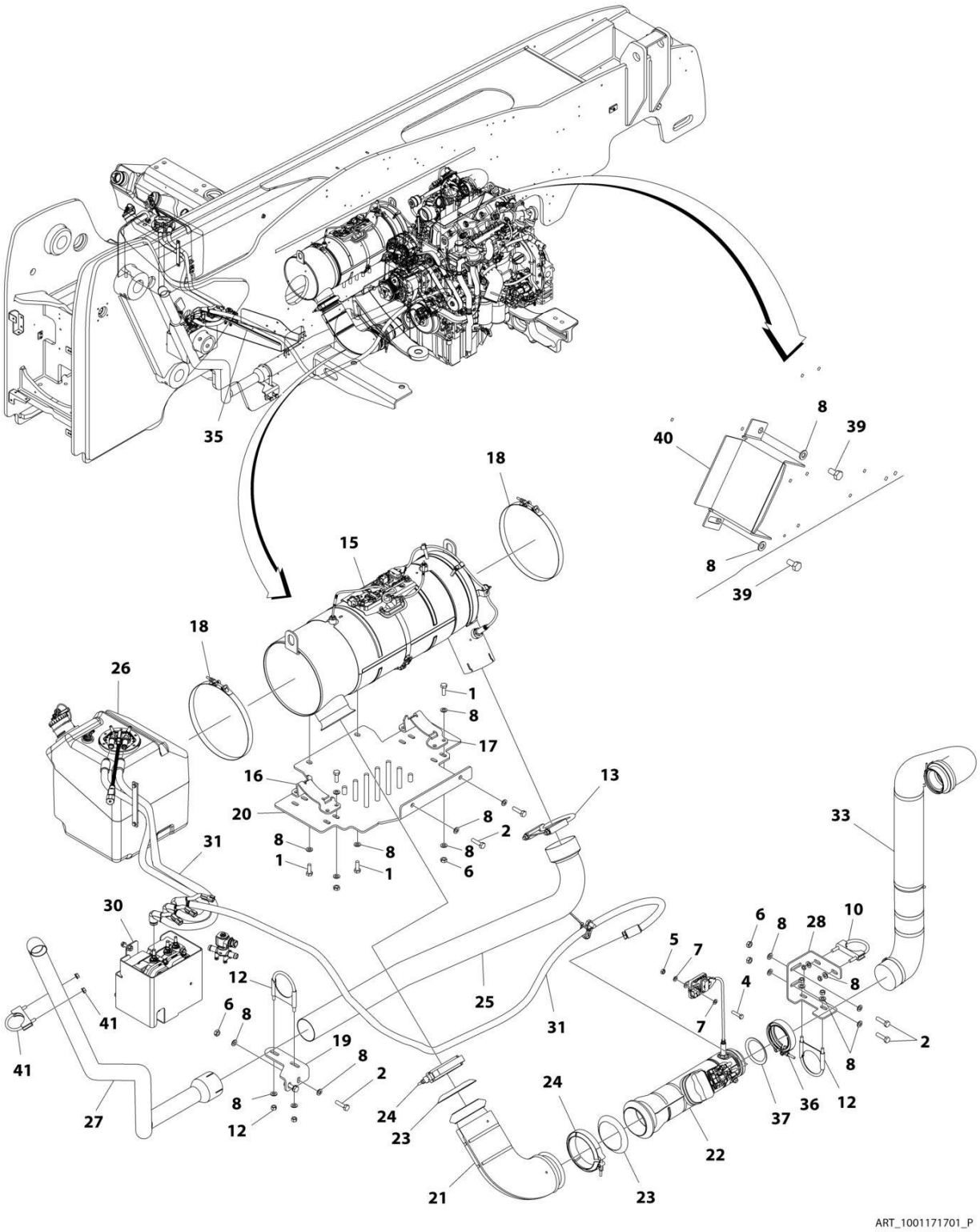


FIGURE 4-20. EXHAUST INSTALLATION, 110HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171701	Ref	EXHAUST INSTALLATION (ULS)	P
1	0701014	10	Bolt M10 x 30	
2	0701016	6	Bolt M10 x 40	
4	0760815	2	Bolt M8 x 35	
5	3290801	2	Nut M8 x 1.25	
6	3291001	12	Nut M10 x 1.5	
7	4811900	4	Washer M8	
8	4812000	36	Washer M10	
10	8275212	1	Clamp	
12	24921332	2	Clamp	
13	86883127	1	Clamp	
15	1001155261	1	Muffler	
16	1001159881	1	Bracket	
17	1001159882	1	Bracket	
18	1001176945	2	Strap	
19	1001162281	1	Support	
20	1001162597	1	Bracket	
21	1001163546	1	Pipe	
22	1001164404	1	Tube, Decomposition Reactor	
23	1001241318	2	Gasket	
24	1001241482	2	Clamp	
25	1001168560	1	Pipe	
26	1001168638	Ref	Installation, DEF Tank (See Separate Breakdown in this Section)	
27	1001204144	1	Pipe	
28	1001183836	1	Bracket	
30	1001174271	Ref	Installation, DEF Pump and Control (See Separate Breakdown in this Section)	
31	1001163253	Ref	Installation, DEF Pump Lines (See Separate Breakdown in this Section)	
33	1001183759	1	Pipe	
35	90206195	490 mm	Trim-Lock	
36	1001167167	1	Clamp	
37	1001167168	1	Seal	
39	0761010	2	Bolt M10 x 20	
40	1001179206	1	Bracket	
41	86683211	1	Clamp	

FIGURE 4-21. EXHAUST INSTALLATION, 110HP (LS)

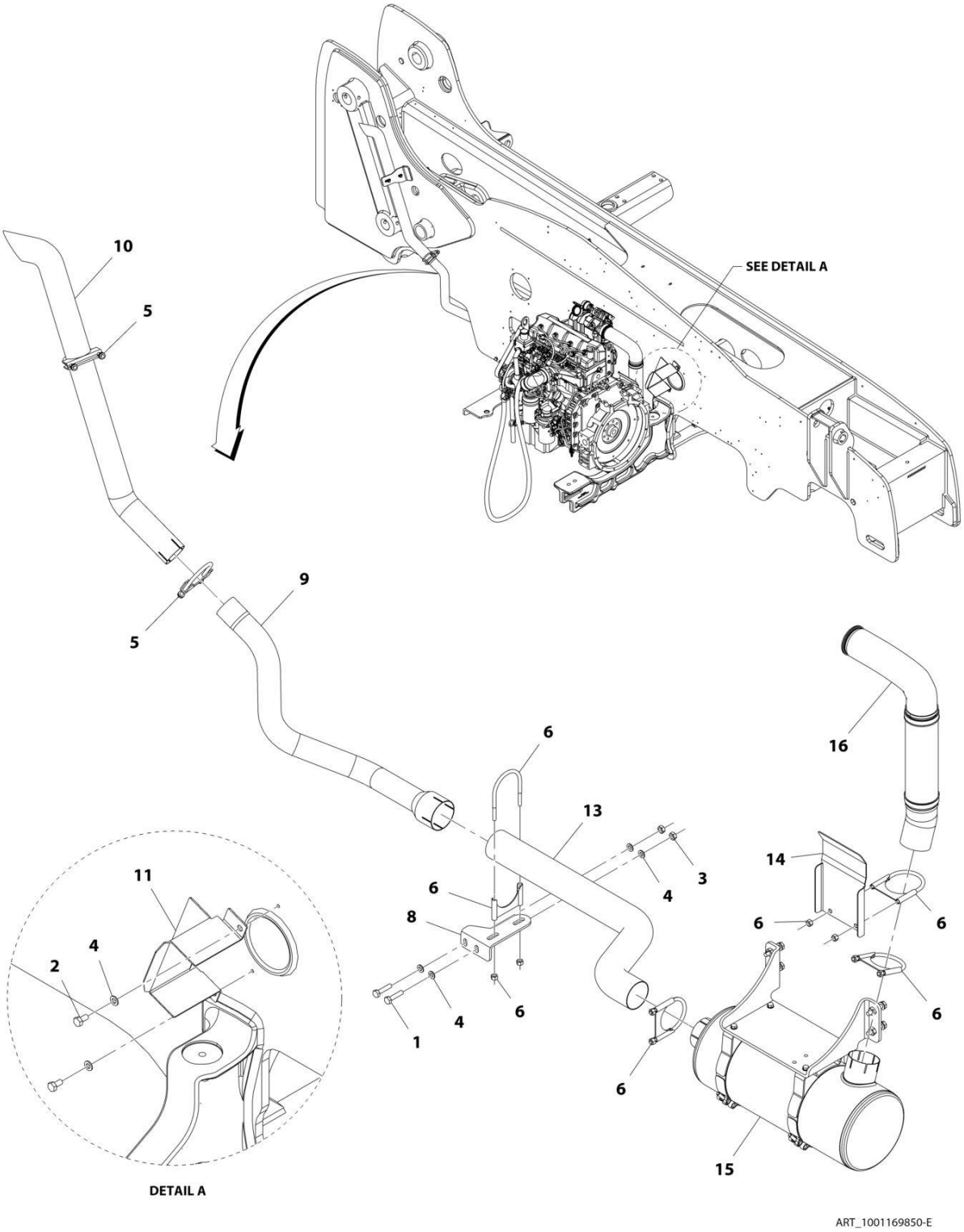


FIGURE 4-21. EXHAUST INSTALLATION, 110HP (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169850	Ref	Exhaust Installation (LS)	E
1	0701017	2	Bolt, M10X45	
2	0761010	2	Bolt, M10X20	
3	3291001	2	Nut, M10X1.5	
4	4812000	6	Washer, M10	
5	8275212	2	Clamp, Exhaust	
6	24921332	4	Clamp, Exhaust	
8	1001162281	1	Bracket, Exhaust	
9	1001208186	1	Pipe, Exhaust	
10	1001173626	1	Pipe, Exhaust	
11	1001179206	1	Bracket, Heat Shield	
13	1001179972	1	Pipe, Exhaust	
14	1001181815	1	Plate, Heat Shield	
15	1001179968	1	Installation, Muffler (LS) (See Separate Breakdown in this Section)	
16	1001191348	1	Pipe, Exhaust Flex	

FIGURE 4-22. MUFFLER INSTALLATION (LS)

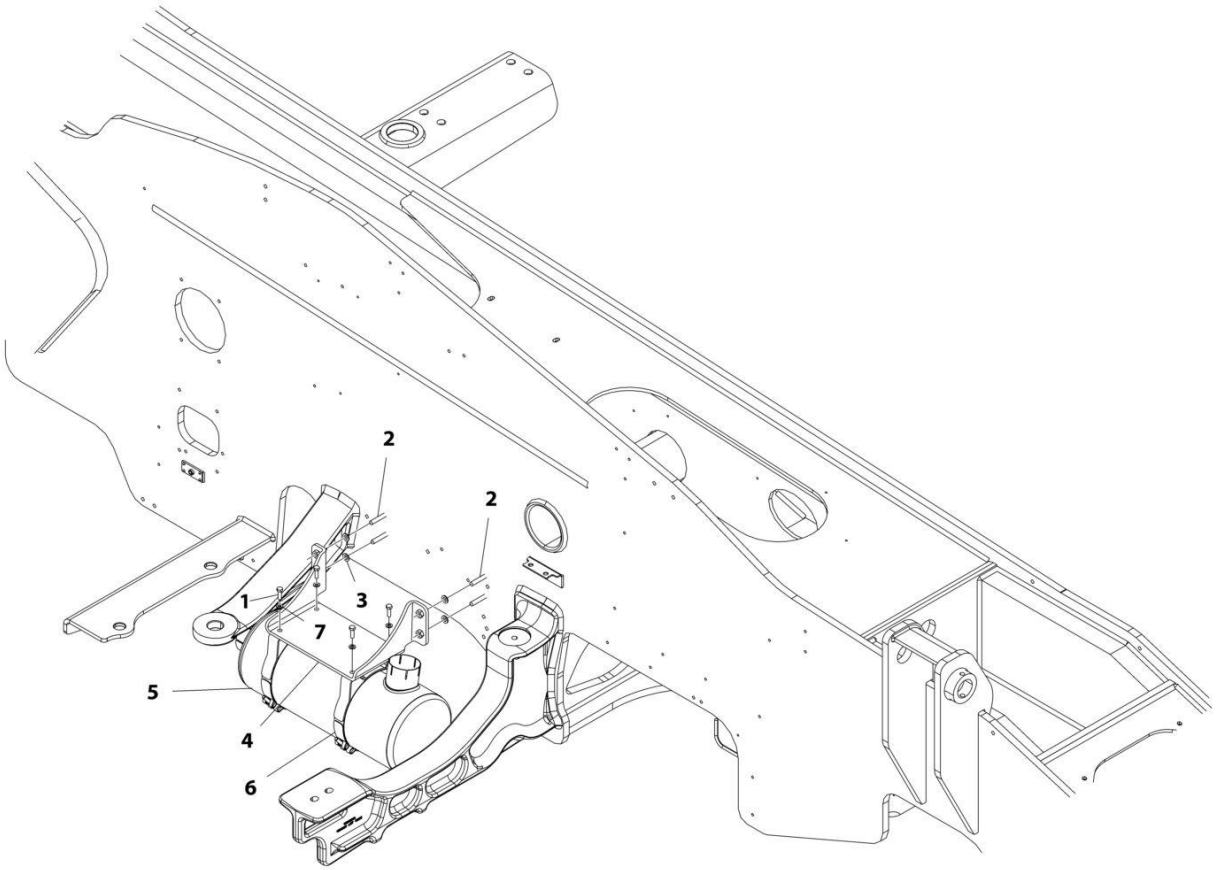


FIGURE 4-22. MUFFLER INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179968	Ref	Muffler Installation (LS)	D
1	0760812	4	Bolt, M8X25	
2	0701017	4	Bolt, M10X45	
3	4812000	4	Washer, M10	
4	1001179973	1	Bracket	
5	1001180226	1	Muffler	
6	1001180227	2	Clamp, Muffler	
7	4811900	4	Washer, M8	

FIGURE 4-23. DEF TANK INSTALLATION

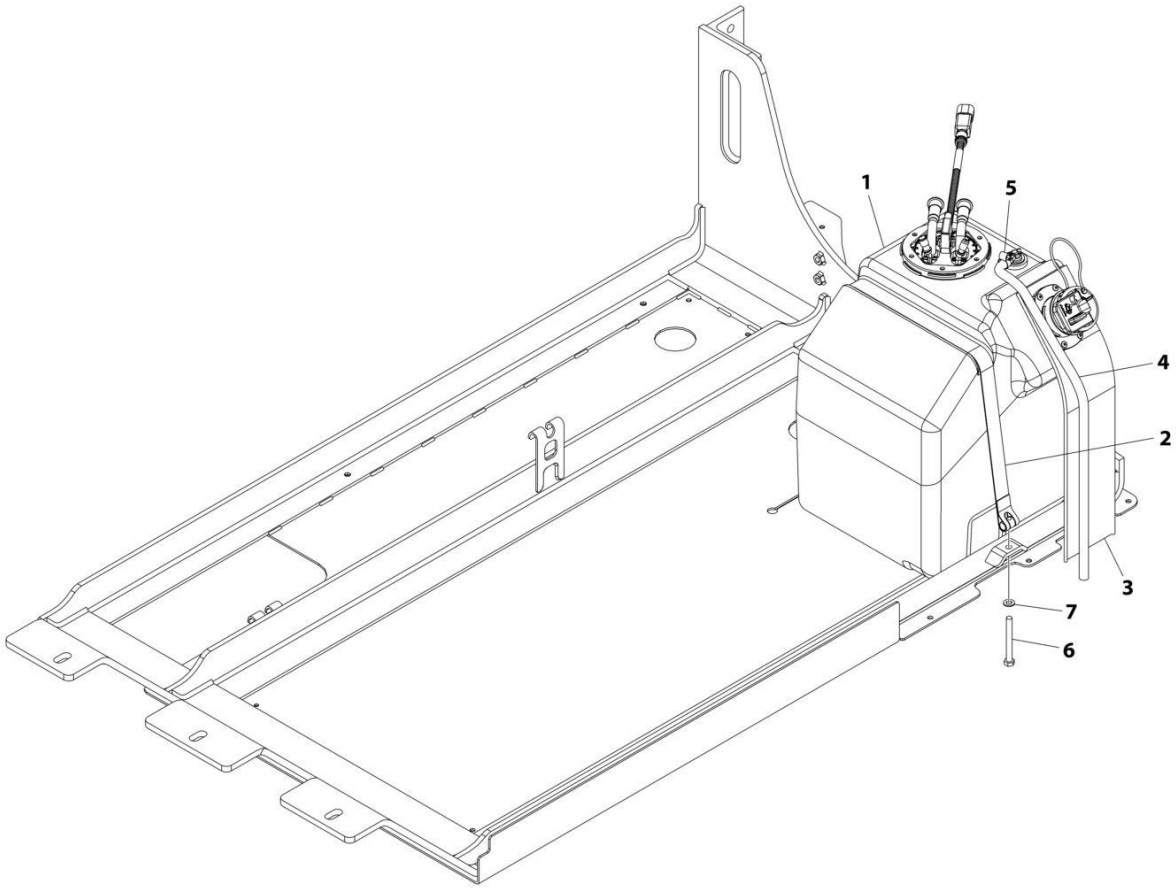


FIGURE 4-23. DEF TANK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168638	Ref	DEF TANK INSTALLATION	L
1	1001289561	1	Tank, DEF (See Separate Breakdown in this Section)	
2	1001178791	1	Strap, Tank	
3	1001168272	1	Sleeve	
4	1001175201	0.6 m	Hose	
5	8405009	1	Clamp, Gear	
6	0760823	1	Bolt M8 x 75	
7	4811900	1	Washer M8	

FIGURE 4-24. DEF TANK ASSEMBLY

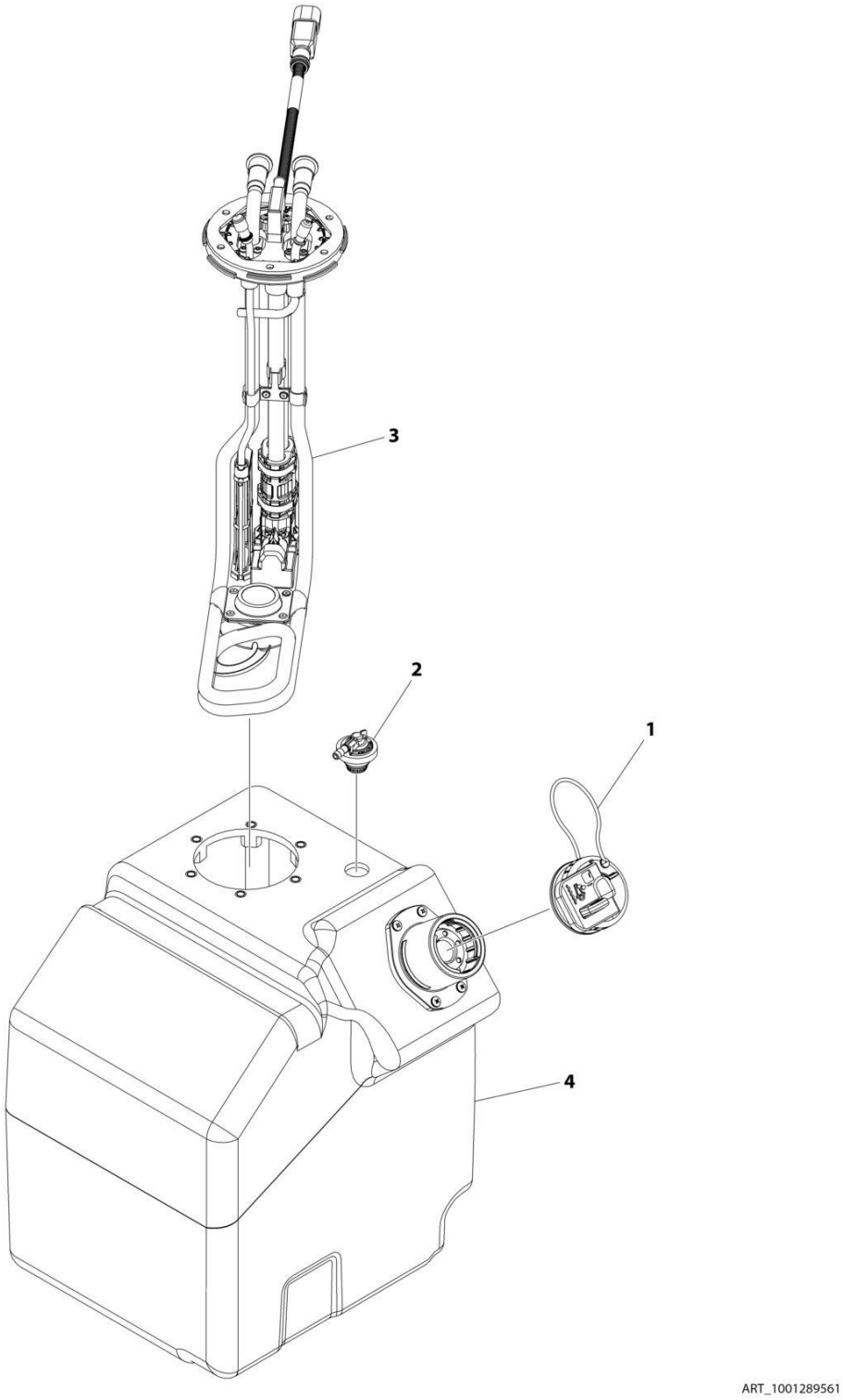


FIGURE 4-24. DEF TANK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289561	Ref	DEF TANK ASSEMBLY	A
1	1001174795	1	Cap	
2	1001215319	1	Valve (See Separate Breakdown in this Section)	
3	1001278919	1	Assembly, DEF Electrical	
4	1001289559	1	Tank	

FIGURE 4-25. DEF BREATHER VALVE

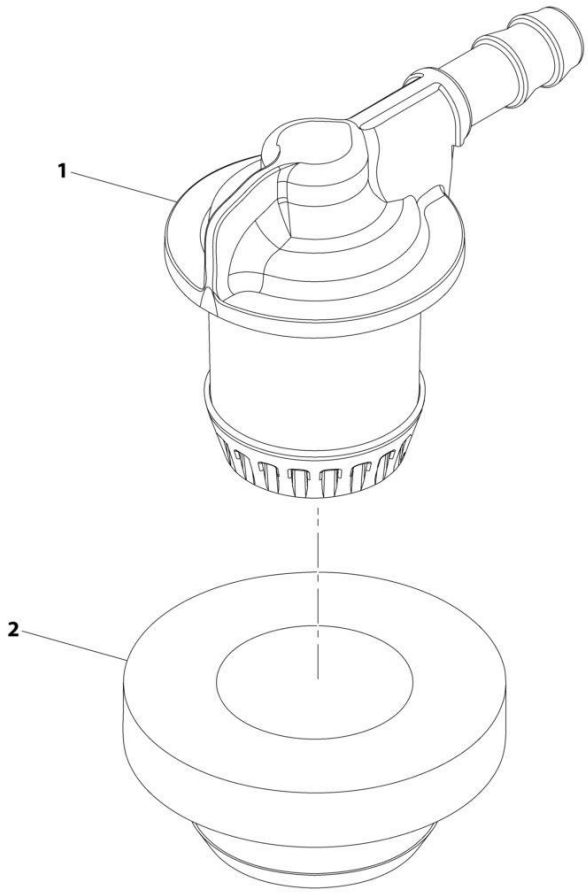


FIGURE 4-25. DEF BREATHER VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215319	Ref	DEF Breather Valve	B
1	1001239510	1	Valve, DEF Breather	
2	1001239511	1	Grommet, DEF Breather	

FIGURE 4-26. DEF PUMP AND CONTROL INSTALLATION

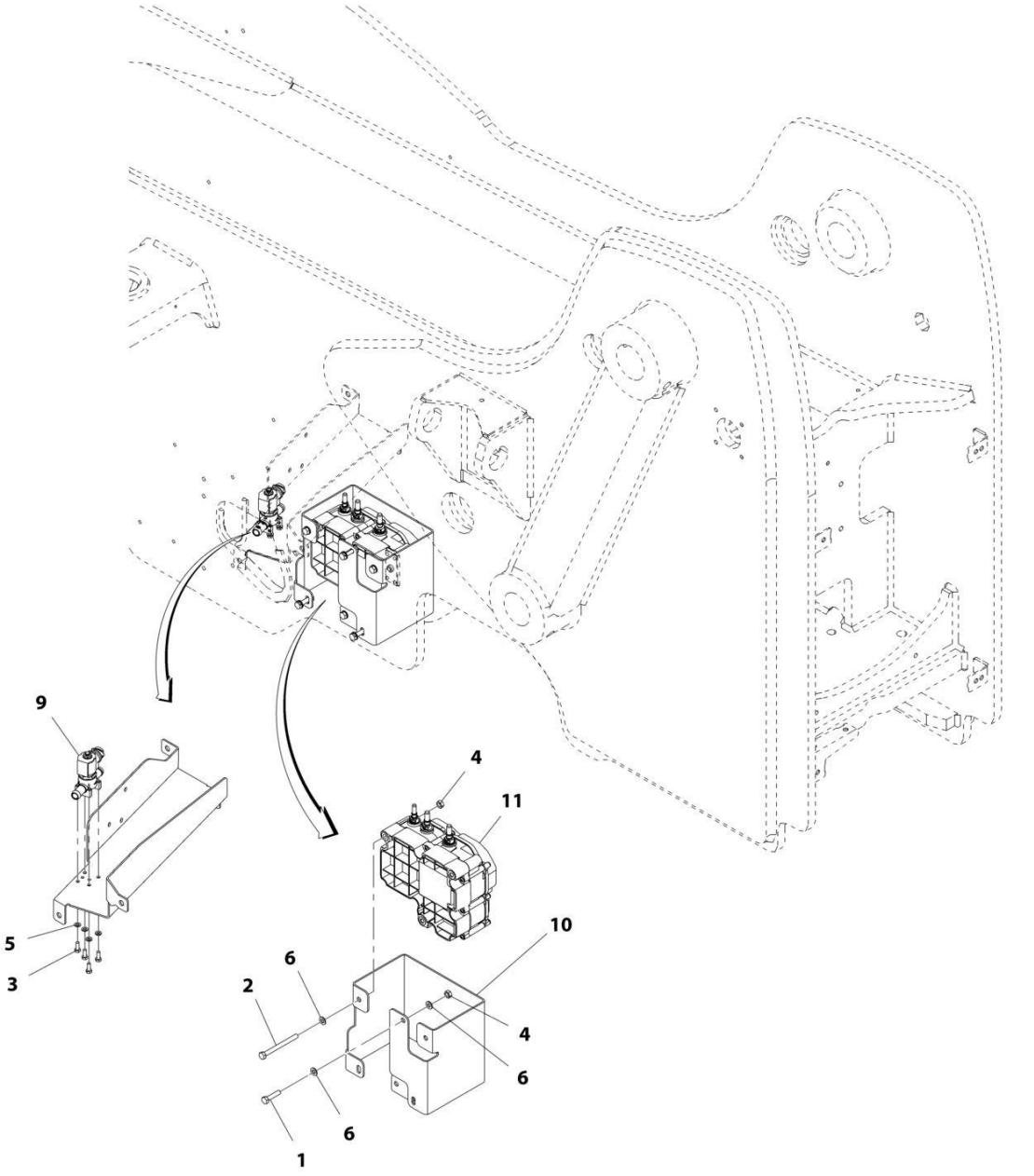


FIGURE 4-26. DEF PUMP AND CONTROL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174271	Ref	DEF Pump and Control Installation	I
1	0700815	3	Bolt, M8X35	
2	0700826	3	Bolt, M8X90	
3	0760608	4	Bolt, M6X16	
4	3290801	5	Nut, M8X1.25	
5	4811700	4	Washer, M6	
6	4811900	8	Washer, M8	
9	1001199670	1	Valve, DEF Tank Coolant Flow	
10	1001191168	1	Bracket	
11	1001213210	1	Pump, Urea (See Separate Breakdown in this Section)	

FIGURE 4-27. UREA PUMP

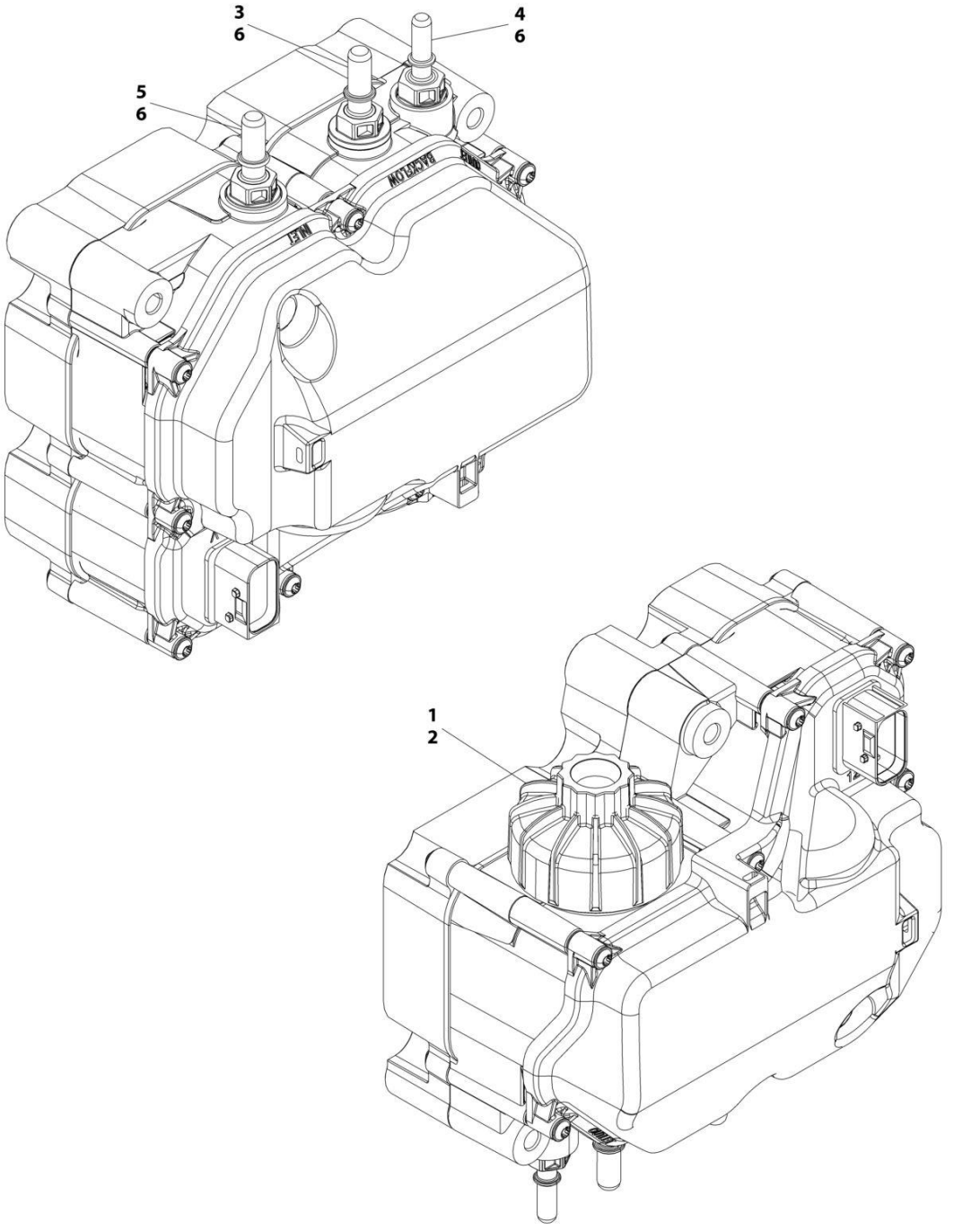


FIGURE 4-27. UREA PUMP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213210	Ref	DEF Module Pump	B
1	70026248	1	Kit, Filter	
2	70026247	1	Cap, Filter	
3	70027705	1	Connector, Male (Backflow)	
4	70026245	1	Connector, Male (Outlet)	
5	70026244	1	Connector, Male (Inlet)	
6	70027706	3	Gasket, Circular (O-Ring)	

FIGURE 4-28. DEF PUMP LINES INSTALLATION

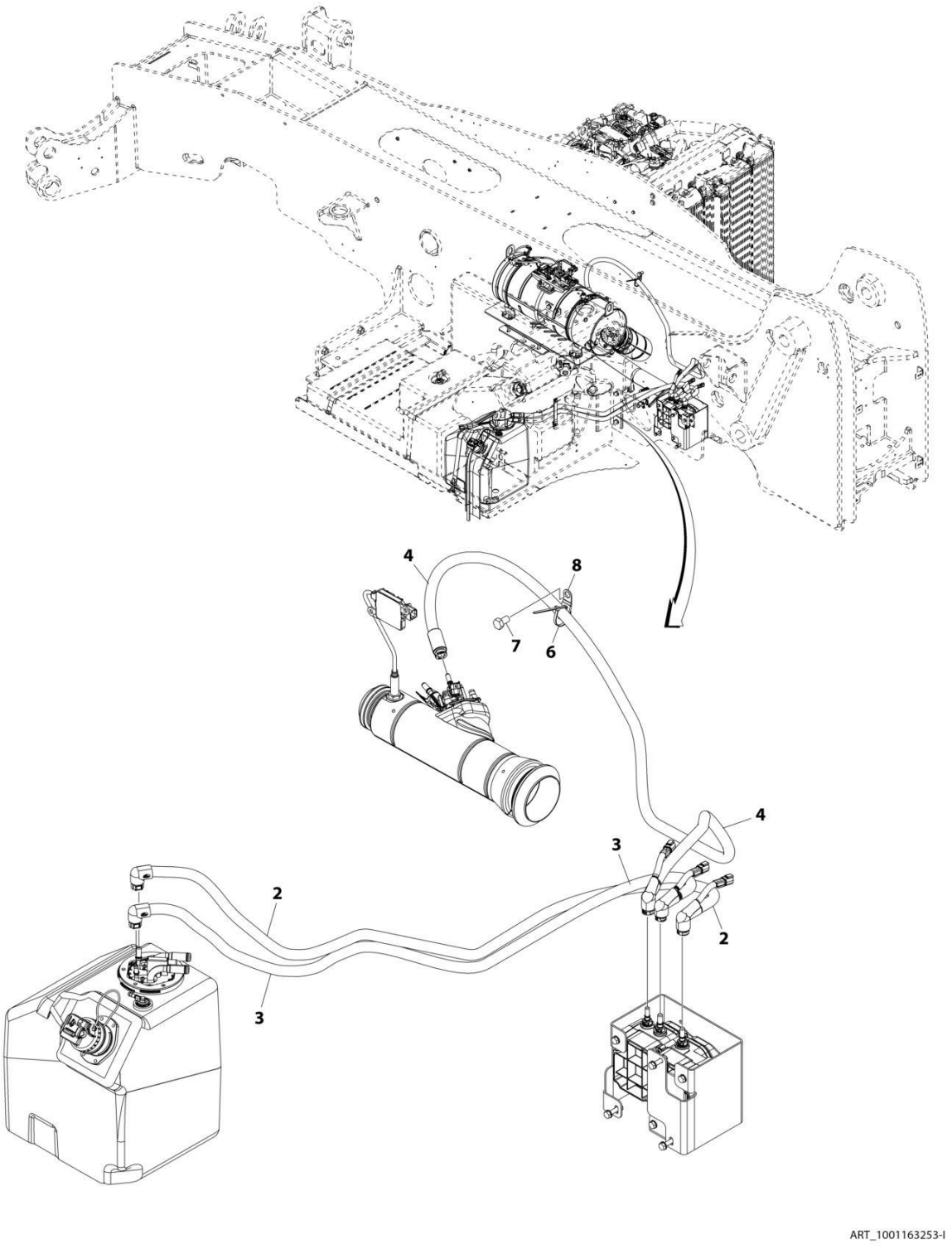


FIGURE 4-28. DEF PUMP LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163253	Ref	DEF Pump Lines Installation	I
1	0760607	AR	Bolt, M6X14	
2	1001231002	1	Hose	
3	1001231003	1	Hose	
4	1001167971	1	Hose	
5	1001196440	AR	Plate, Retainer	
6	8881802	1	Strap, Tie	
7	0761210	1	Bolt, M12X20	
8	1001025750	1	Clip	
9	4831700	AR	Washer, Lock M6	

FIGURE 4-29. DEF TANK LINES INSTALLATION

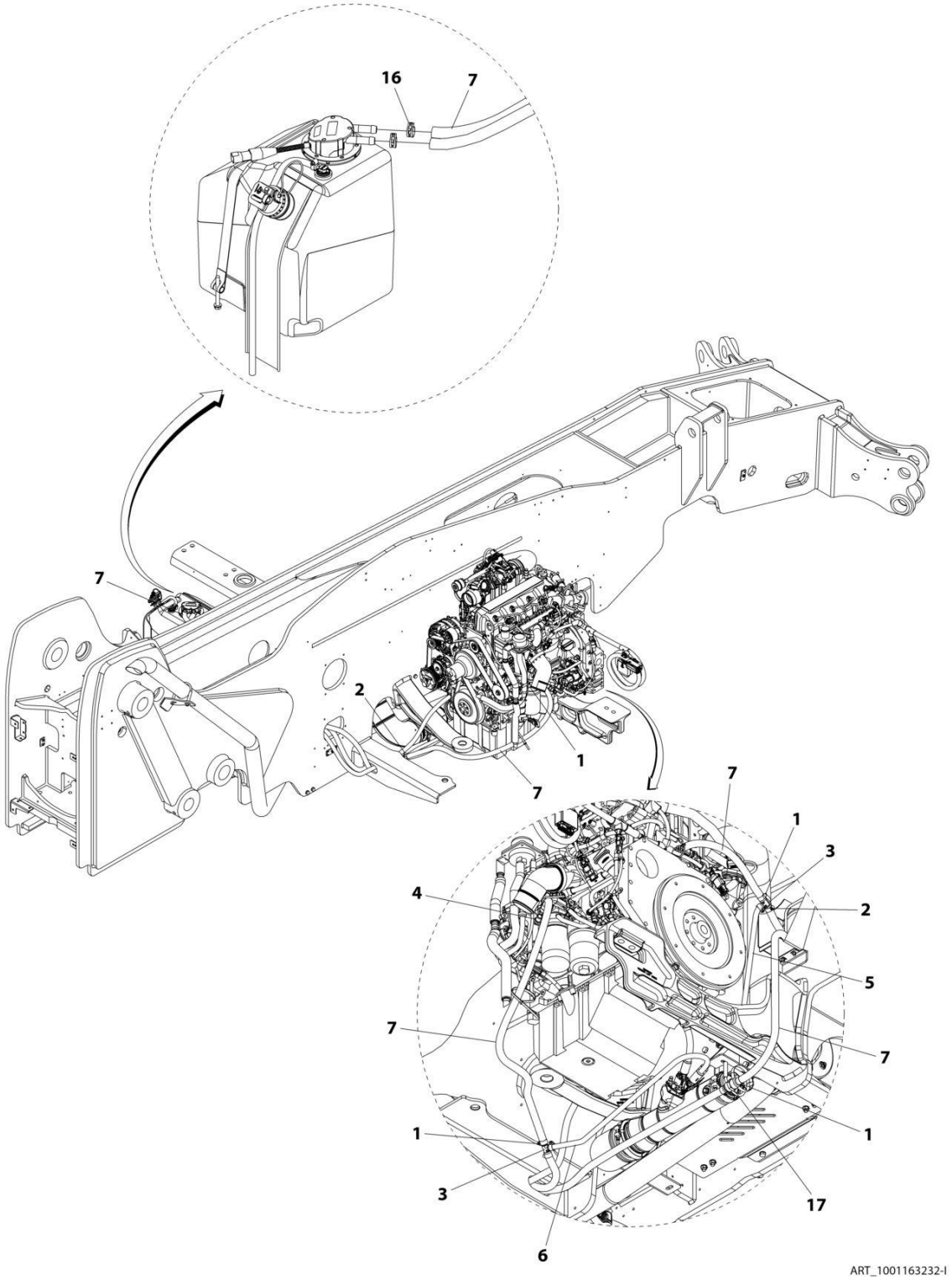
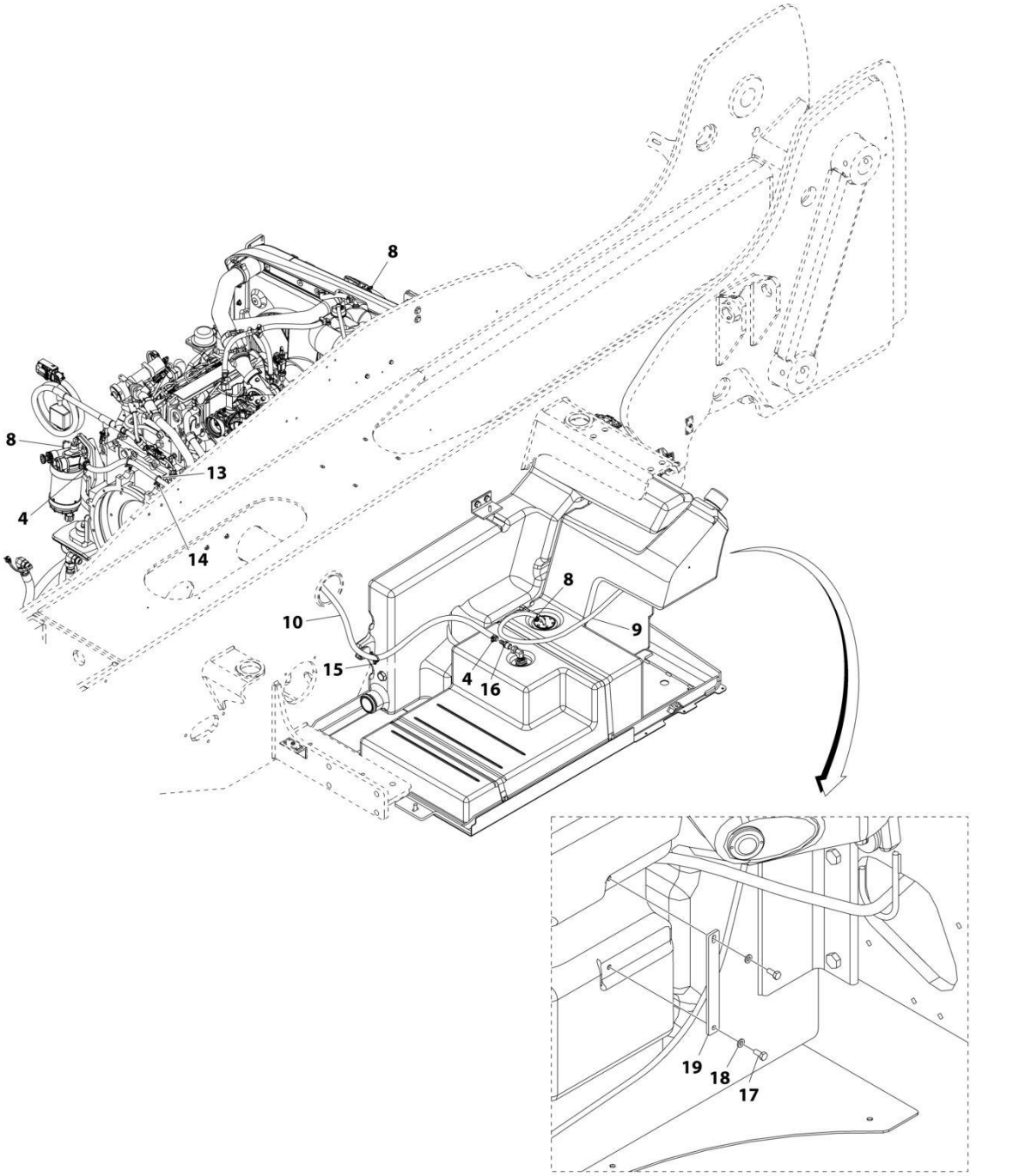
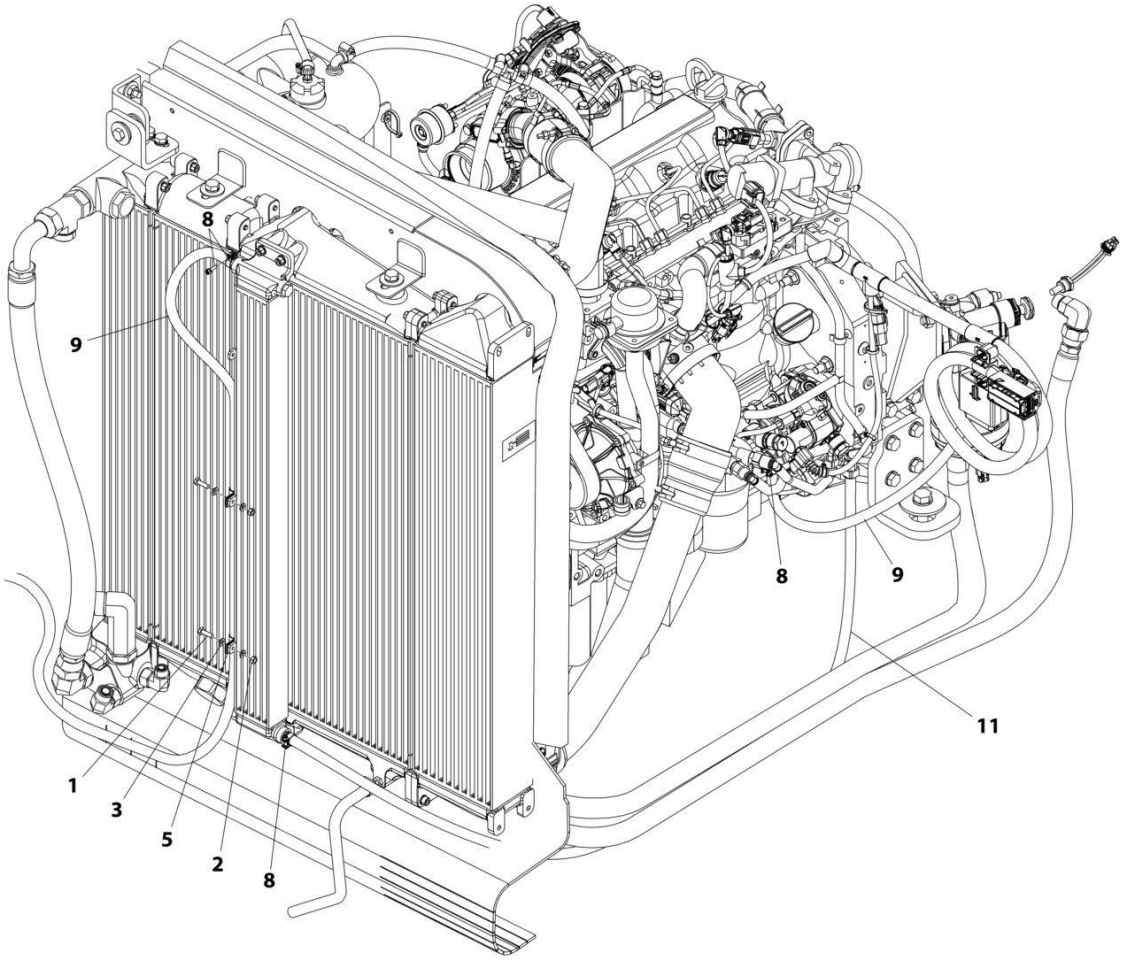


FIGURE 4-29. DEF TANK LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163232	Ref	DEF Lines Installation	I
1	8410009	10	Gear Clamp	
2	8410013	2	Gear Clamp	
3	1001162212	2	Pipe	
4	1001168822	1	Pipe	
5	1001169409	1	Hose	
6	1001169410	1	Hose	
7	82033995	6.9 m	Hose	
16	1001202526	2	Clamp	
17	1001228872	1	Filter	

FIGURE 4-30. FUEL LINES INSTALLATION (ULS)



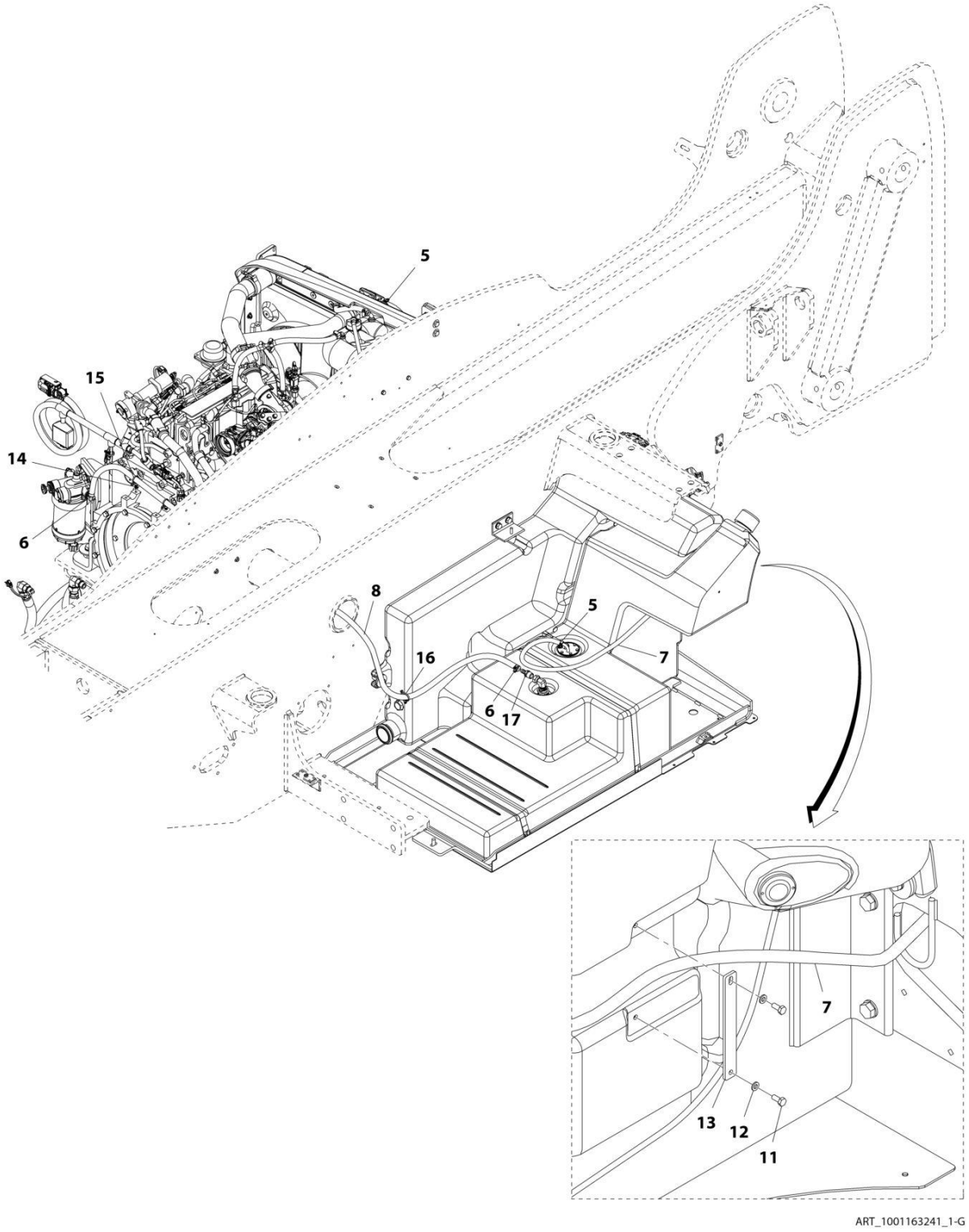


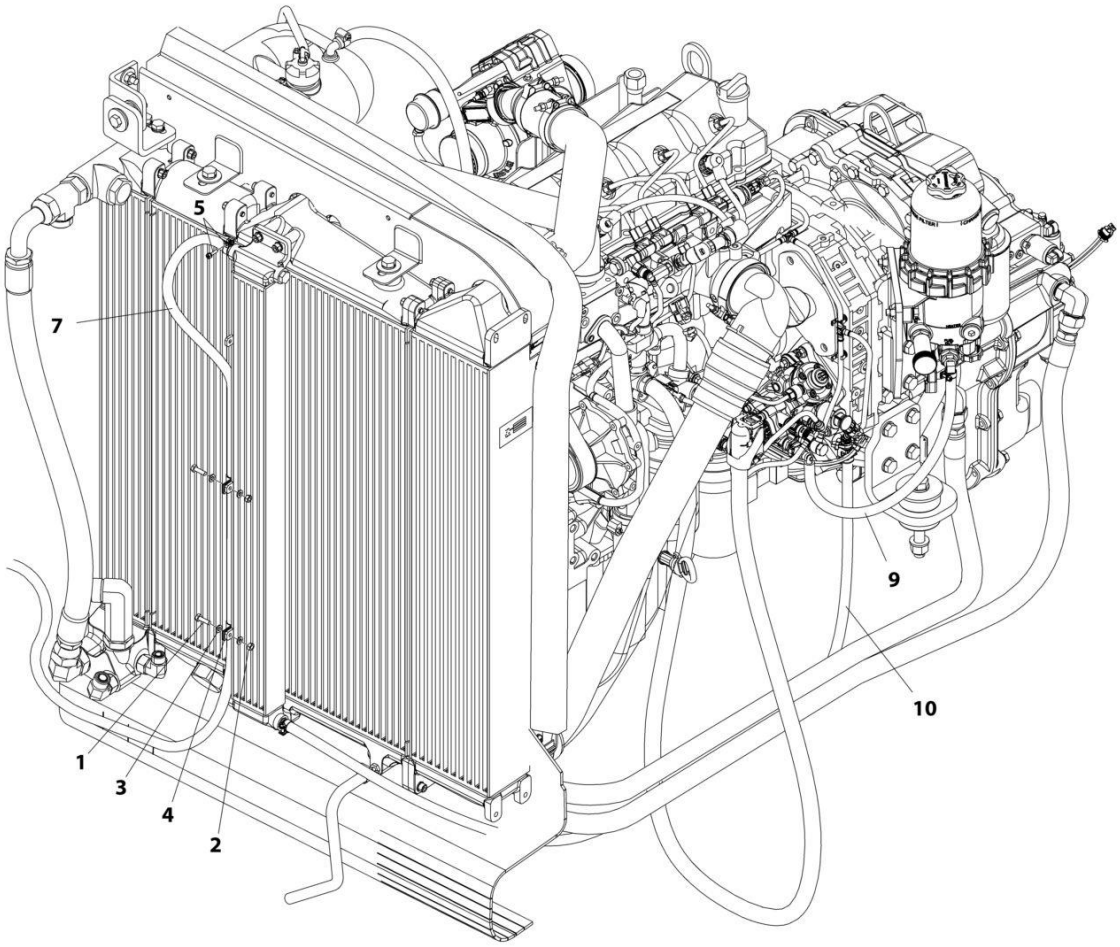
ART_1001163231_2-J

FIGURE 4-30. FUEL LINES INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163231	Ref	Fuel Lines Installation	J
1	0700610	2	Bolt, M6X20	
2	3290601	2	Nut, M6X1 Grade 8	
3	4811700	4	Washer, M6	
4	1001186342	2	Clip, Hose	
5	8406112	2	Clip, Tube	
8	1001136975	5	Clamp	
9	1001141400	4.3 m	Hose	
10	1001172755	2.4 m	Hose	
11	1001197299	1	Hose	
13	1001008559	2	Strap	
14	1001202986	2	Strap, Fir Tree Push Mount	
15	1001146588	1	Strap	
16	1001206588	1	Fitting	
17	0760607	2	Nut, M6X14	
18	4831700	2	Washer, Lock M6	
19	1001196440	1	Plate, Retainer	

FIGURE 4-31. FUEL LINES INSTALLATION (LS)





ART_1001163241_2-G

FIGURE 4-31. FUEL LINES INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163241	Ref	Fuel Lines Installation (LS)	G
1	0700610	2	Bolt, M6X20	
2	3290601	2	Nut, M6X1 Grade 8	
3	4811700	4	Washer, M6	
4	8406112	2	Clip	
5	1001136975	4	Clamp	
6	1001186342	2	Clip	
7	1001141400	3.7 m	Hose	
8	1001172755	2.4 m	Hose	
9	1001190980	1	Hose	
10	1001197299	1	Hose	
11	0760607	2	Bolt, M6X14	
12	4831700	2	Washer, Lock M6	
13	1001196440	1	Plate, Retainer	
14	1001202986	2	Strap, Fir Tree Push Mount	
15	1001008559	2	Strap	
16	1001146588	1	Strap	
17	1001206588	1	Fitting	

FIGURE 4-32. PRIMARY FUEL FILTER INSTALLATION (ULS)

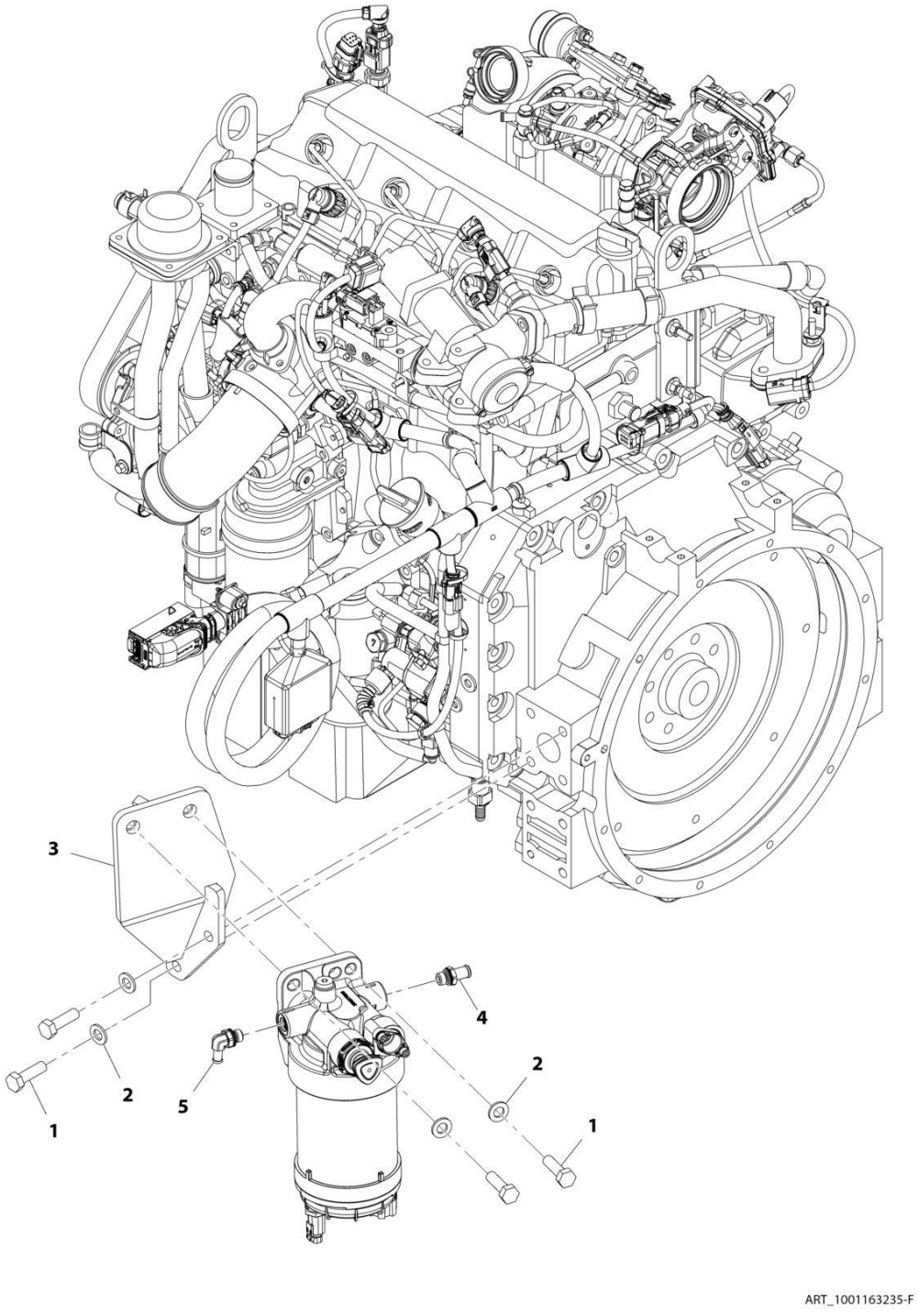


FIGURE 4-32. PRIMARY FUEL FILTER INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163235	Ref	Primary Fuel Filter Installation	F
1	0701216	4	Bolt, M12X40	
2	4812100	4	Washer, M12	
3	1001206019	1	Bracket, Fuel Filter Mount	
4	1001217467	1	Barb, Hose	
5	1001182094	1	Hose	

FIGURE 4-33. PRIMARY FUEL FILTER INSTALLATION (LS)

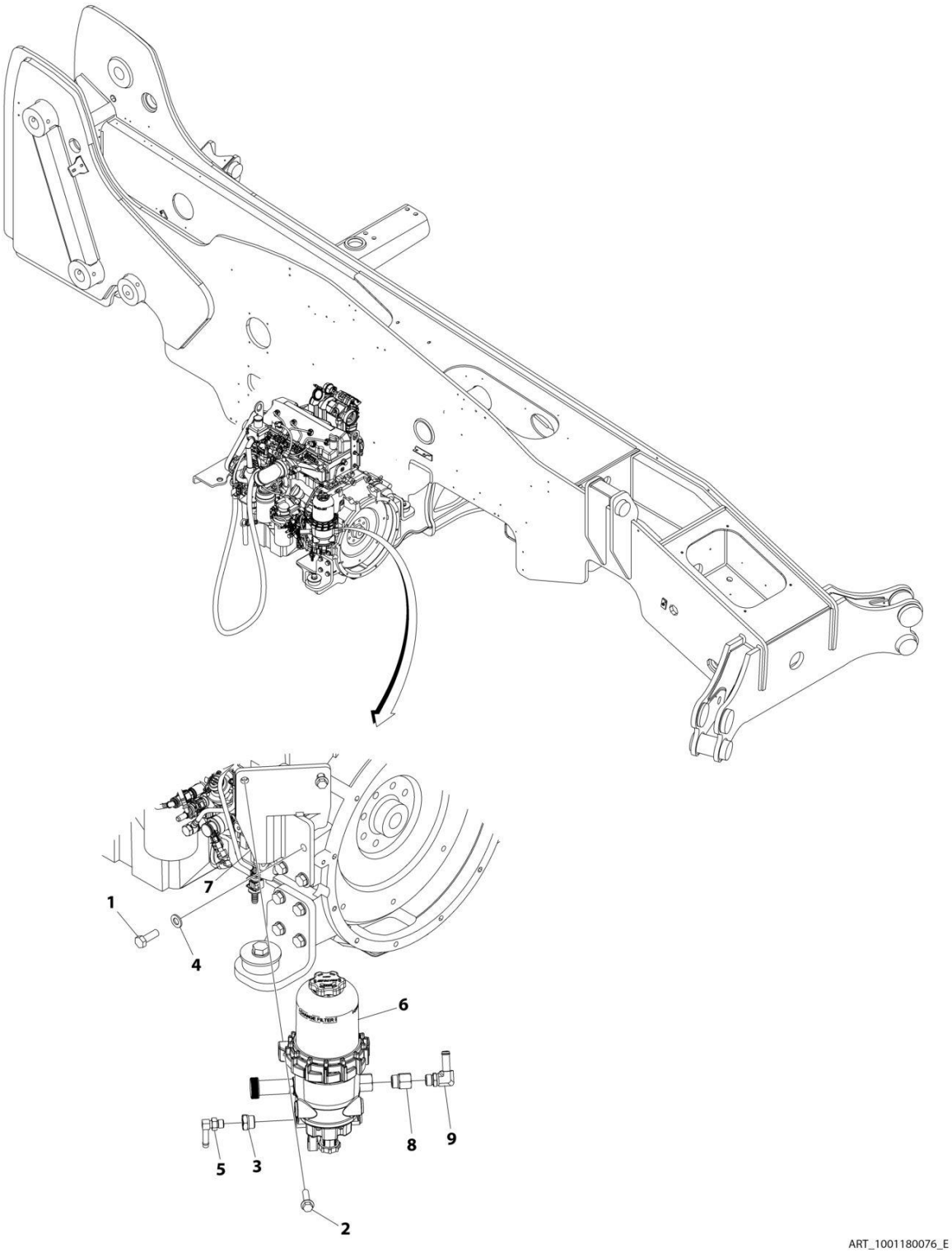
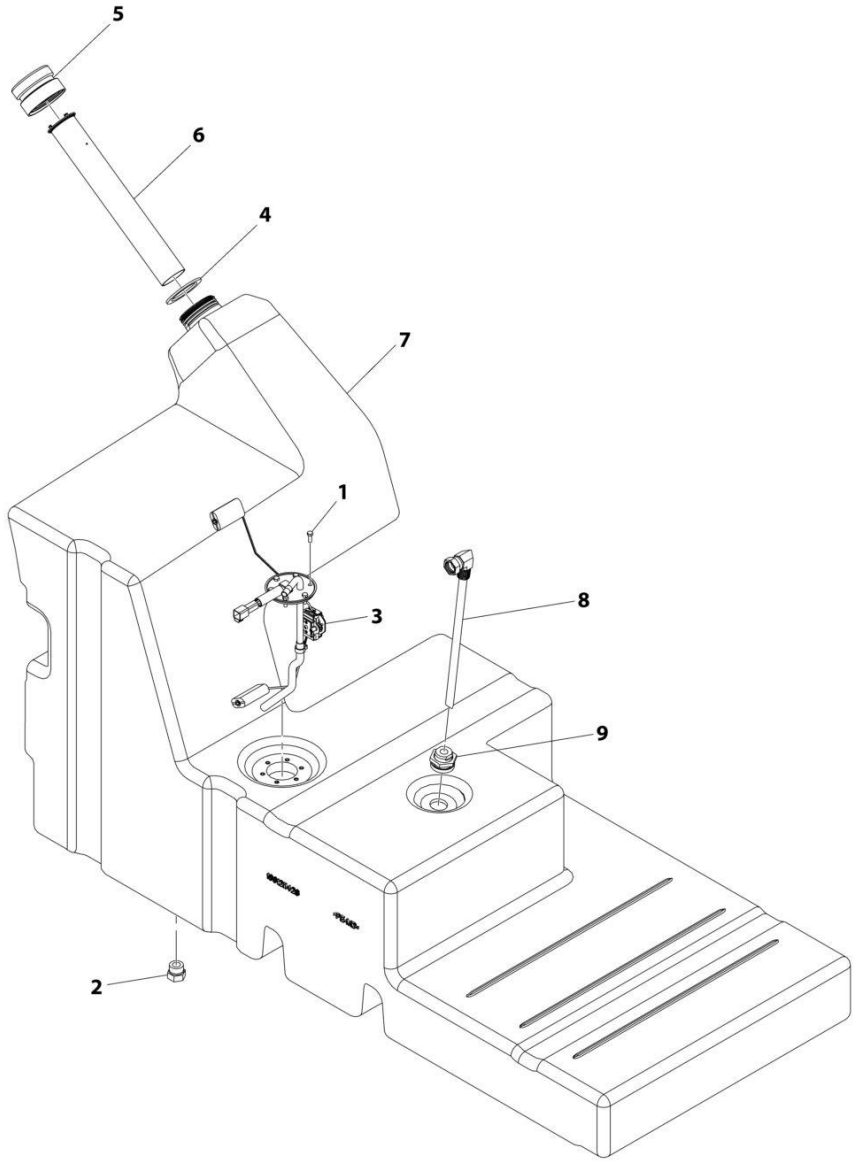


FIGURE 4-33. PRIMARY FUEL FILTER INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180076	Ref	Primary Fuel Filter Installation (LS)	E
1	0701215	3	Bolt, M12X35	
2	0781016	2	Bolt, M10X40	
3	2220218	1	Fitting, Straight ORFS	
4	4812100	3	Washer, M12	
5	8430034	1	Elbow, 90	
6	1001133534	1	Filter, Fuel	
7	1001180078	1	Bracket, Fuel Filter Mount	
8	2220810	1	Fitting, Straight	
9	1001200239	1	Fitting, 90 ORFS	

FIGURE 4-34. FUEL TANK ASSEMBLY

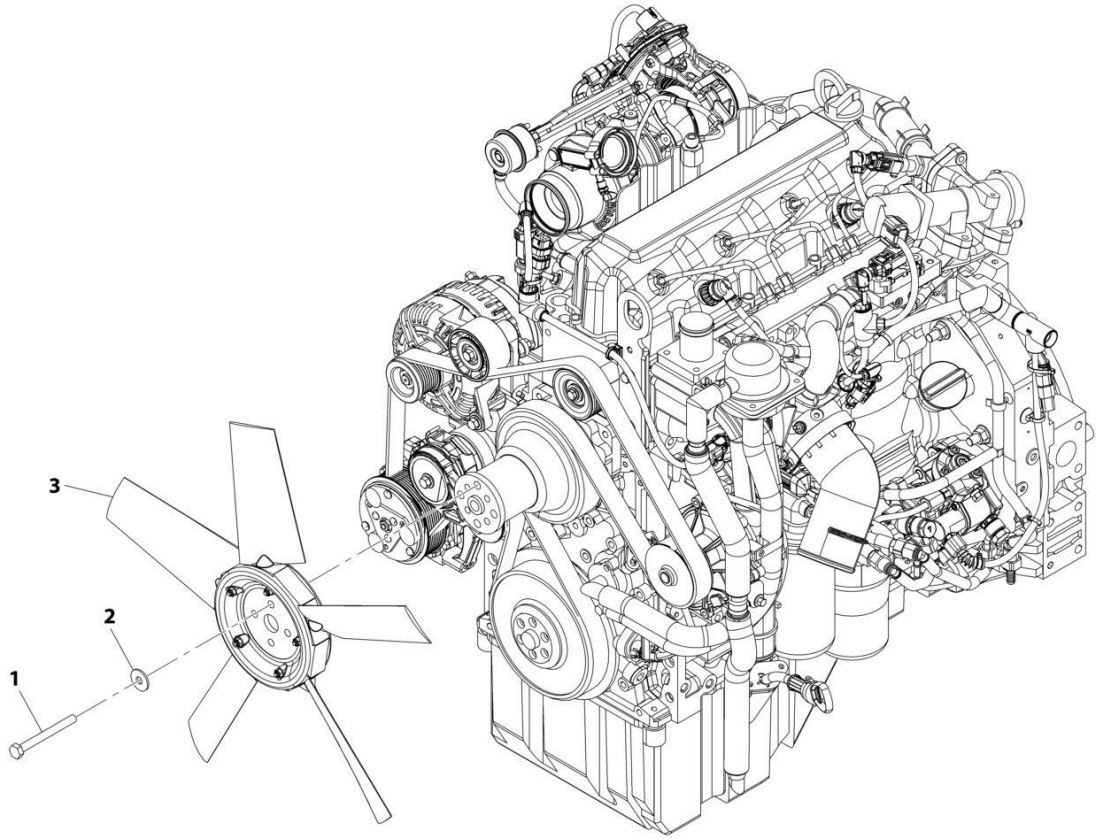


ART_1001211432-F

FIGURE 4-34. FUEL TANK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001211432	Ref	Fuel Tank Assembly	F
1	0760507	6	Bolt, M5X14	
2	1001003427	1	Plug	
3	1001235100	1	Gauge, Fuel Level	
4	1001172178	1	Gasket	
5	1001207282	1	Adapter, Tank Cap	
6	1001207557	1	Pipe, Fuel Tank Drop	
7	1001211428	1	Tank, Fuel	
8	1001211429	1	Coupling, ORFS	
9	1001211747	1	Pipe, Fuel Supply	

FIGURE 4-35. FAN INSTALLATION, 74HP



ART_1001225231-A

FIGURE 4-35. FAN INSTALLATION, 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225231	Ref	Fan Installation (ULS)	A
1	0701027	4	Bolt, M10X100	
2	4812002	4	Washer, M10	
3	1001225982	1	Fan, Cooling	

FIGURE 4-36. FAN INSTALLATION, 110HP

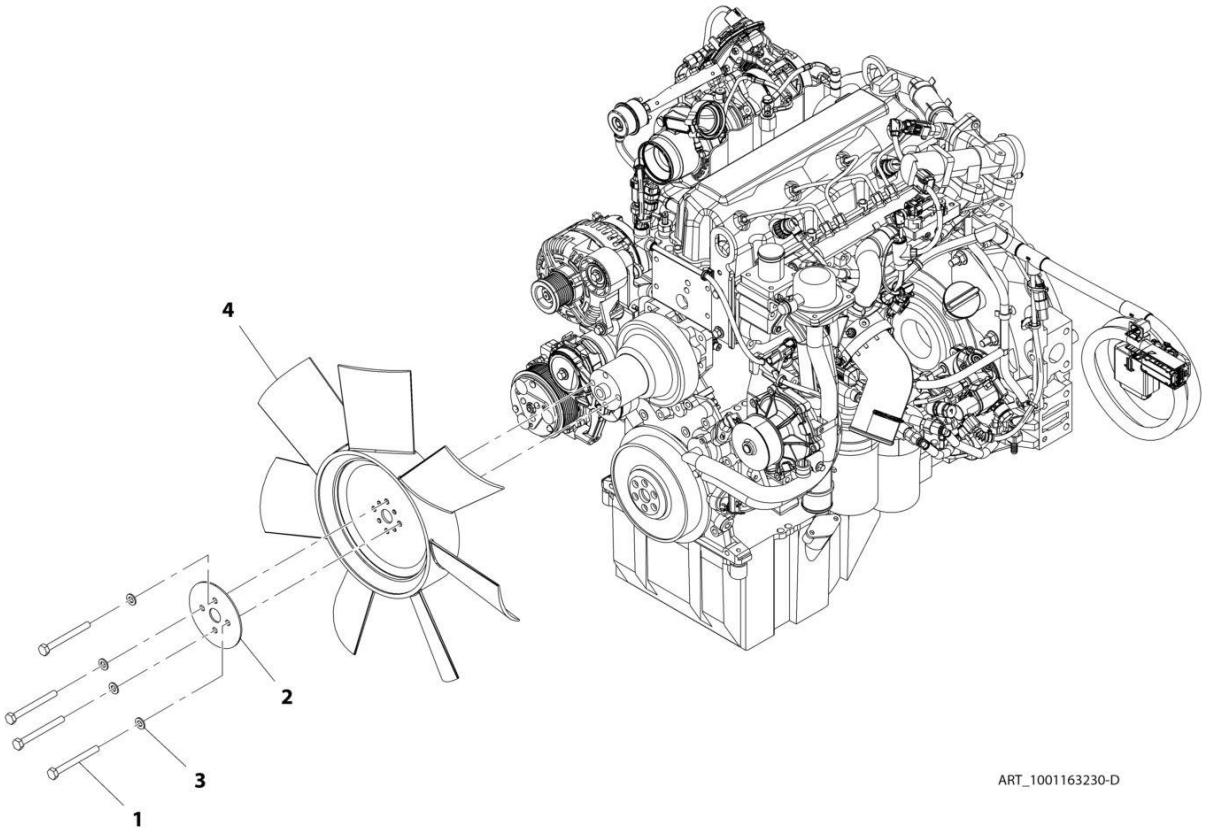


FIGURE 4-36. FAN INSTALLATION, 110HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163230	Ref	Fan Installation	D
1	0701027	4	Bolt, M10X100	
2	3575947	1	Plate	
3	4812000	4	Washer, M10	
4	1001175269	1	Fan, Cooling	

FIGURE 4-37. FAN GUARD INSTALLATION

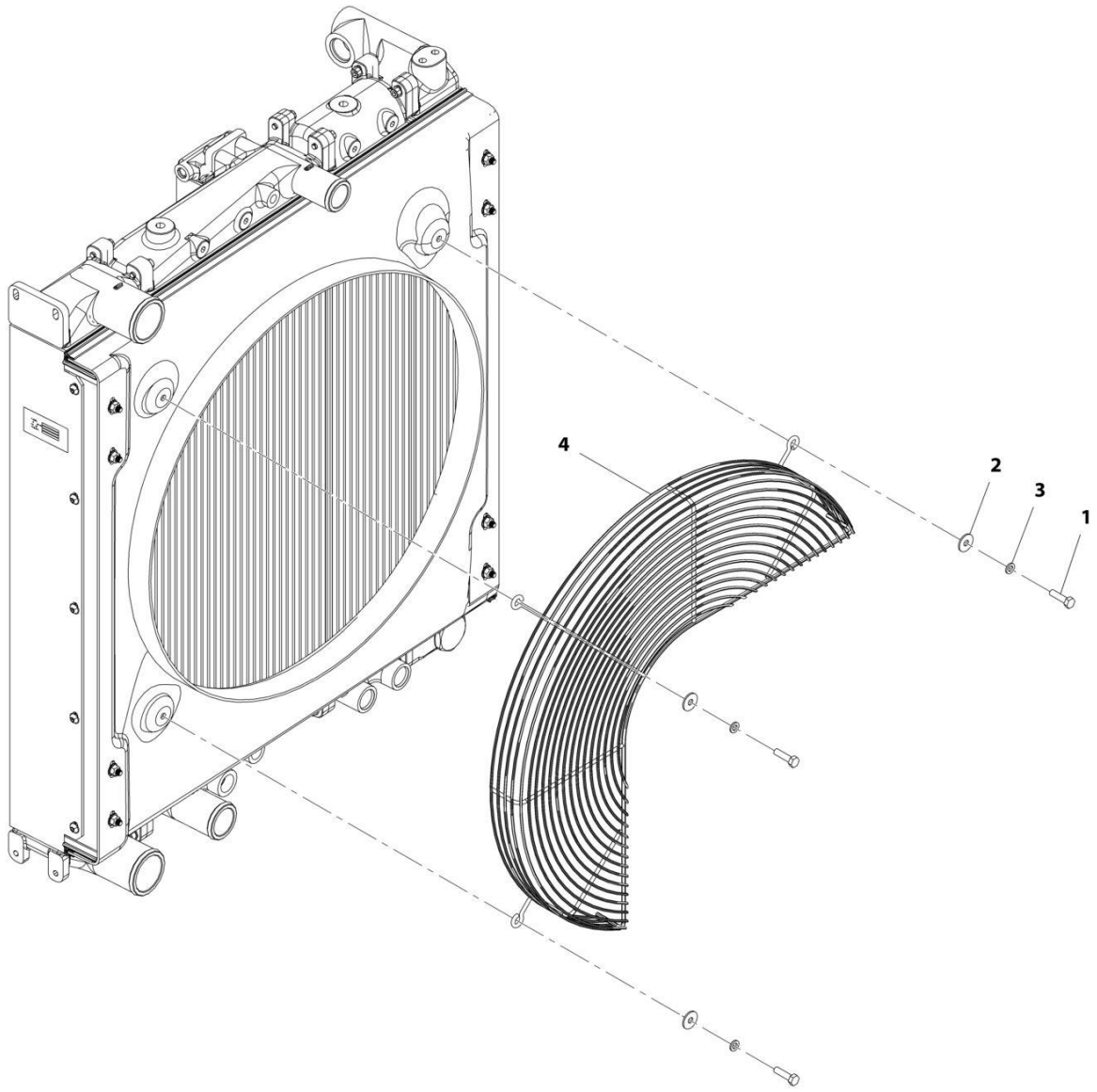


FIGURE 4-37. FAN GUARD INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160420	Ref	Fan Guard Installation	D
1	0700814	3	Bolt, M8X30	
2	4811902	3	Washer, M8	
3	4831900	3	Washer, Lock M8	
4	1001167186	1	Grill	

FIGURE 4-38. COOLING PACKAGE INSTALLATION (ULS)

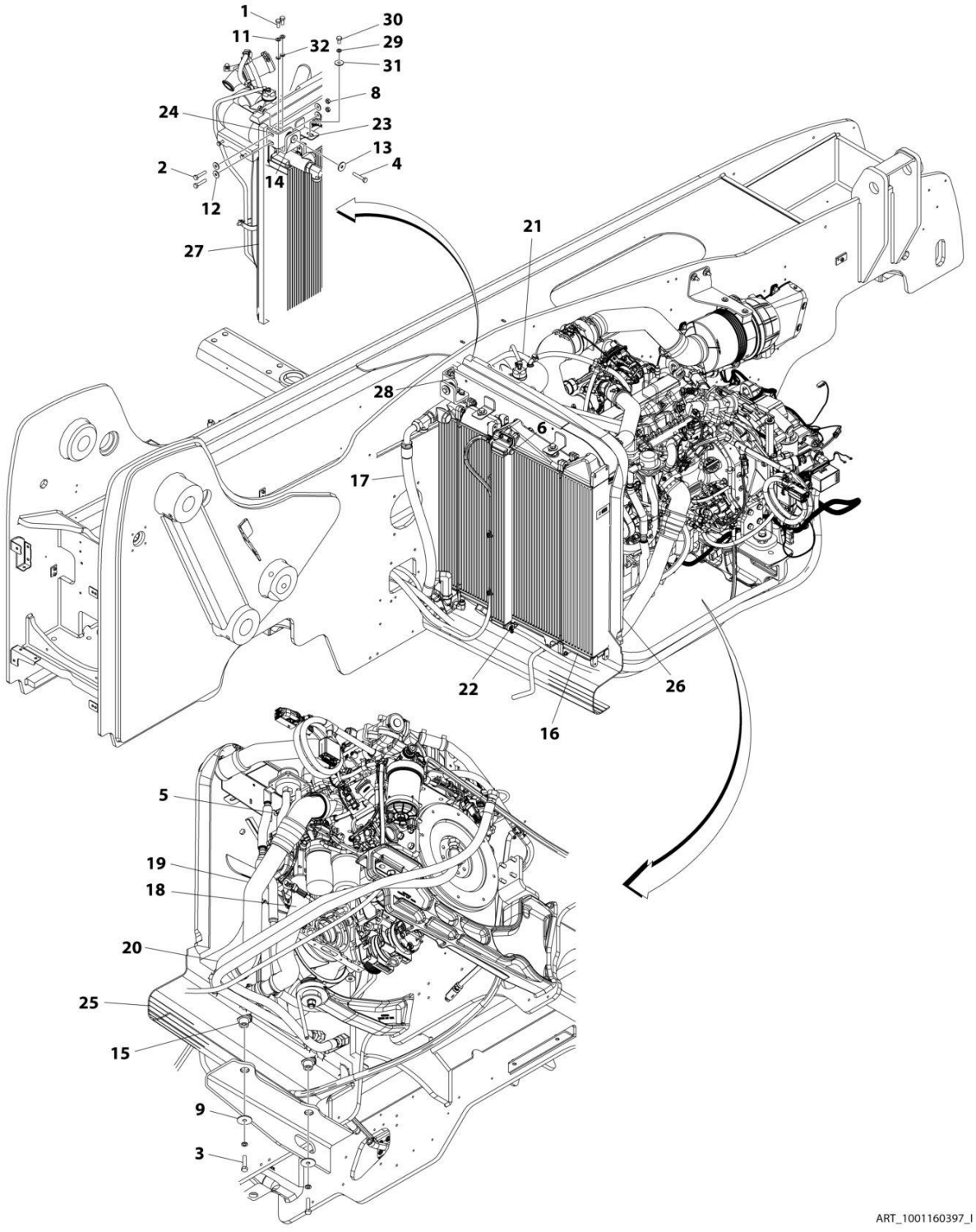


FIGURE 4-38. COOLING PACKAGE INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160397	Ref	Cooling Package Installation (ULS)	I
1	0761012	2	Bolt, M10X25	
2	0701018	2	Bolt, M10X50	
3	0761218	2	Bolt, M12X50	
4	0701020	1	Bolt, M10X60	
5	1001174356	1	Barb, Hose	
6	2220237	2	Plug	
8	3291001	3	Nut, M10X1.5 Grade 8	
9	4740274	4	Washer	
11	4812000	3	Washer, M10	
12	4812002	4	Washer, M10	
13	1001155540	2	Washer	
14	8278020	1	Mount	
15	1001114803	2	Mount	
16	1001159347	1	Radiator Cooling Package (See Separate Breakdown in this Section)	
17	1001163082	1	Installation, HOC Lines (See Separate Breakdown in this Section)	
18	1001163245	1	Installation, Coolant Lines (ULS) (See Separate Breakdown in this Section)	
19	1001163246	1	Installation, CAC Lines (ULS) (See Separate Breakdown in this Section)	
20	1001163247	1	Installation, TOC Lines (See Separate Breakdown in this Section)	
21	1001167078	1	Installation, Surge Tank (See Separate Breakdown in this Section)	
22	1001168030	2	Barb, Hose	
23	1001169173	1	Bracket	
24	1001169174	1	Bracket	
25	1001169965	1	Panel	
26	1001173452	1	Seal, Foam Gasket	
27	1001173457	1	Seal, Foam Gasket	
28	1001173546	1	Bracket	
29	4832100	4	Washer, Lock M12	
30	0761210	2	Bolt, M12X20	
31	4812102	2	Washer, M12	
32	4832000	2	Washer, Lock M10	

FIGURE 4-39. COOLING PACKAGE INSTALLATION (LS)

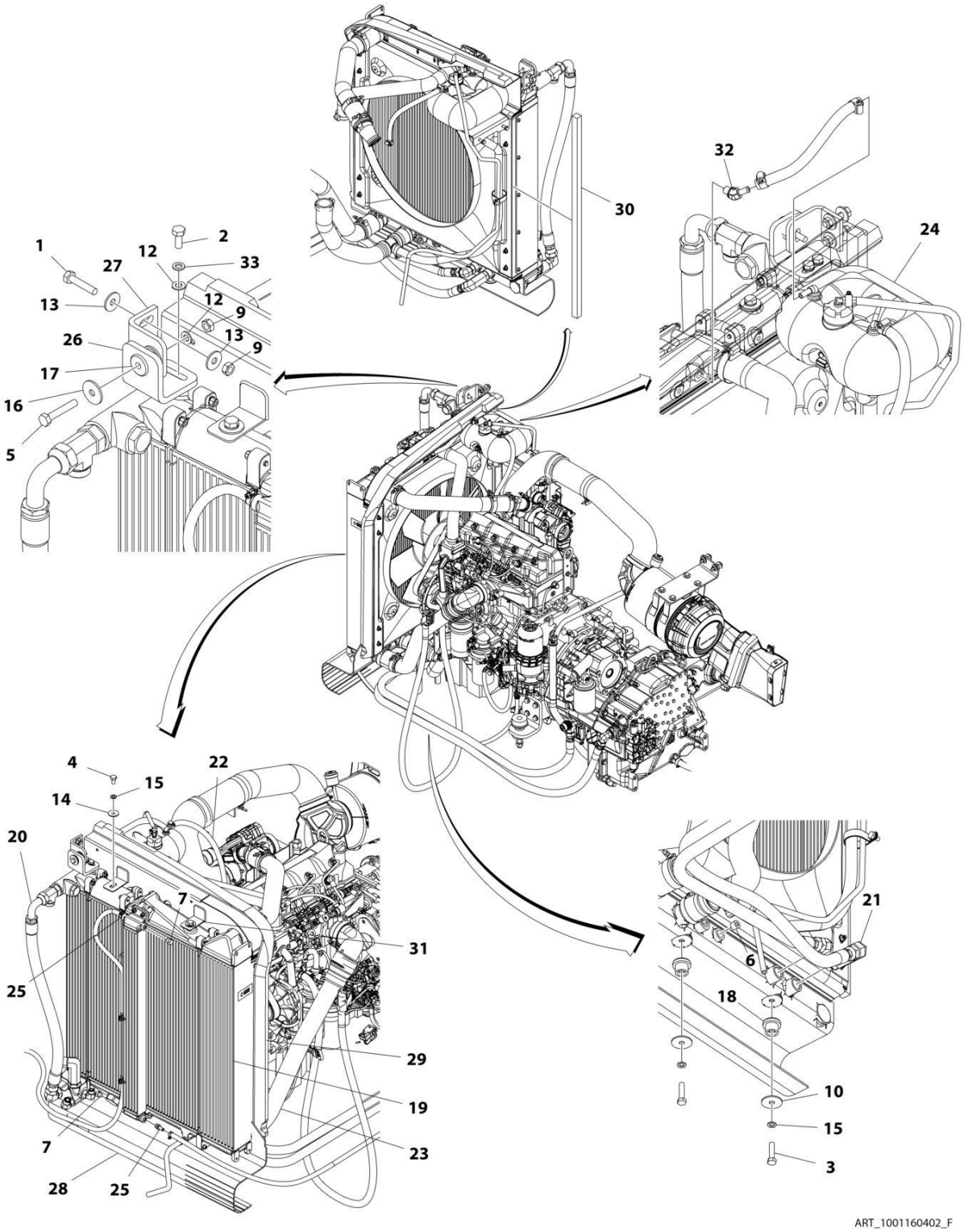


FIGURE 4-39. COOLING PACKAGE INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160402	Ref	Cooling Package Installation (LS)	F
1	0701018	2	Bolt, M10X50	
2	0761012	2	Bolt, M10X25	
3	0761218	2	Bolt, M12X50	
4	0771210	2	Bolt, M12X20 Grade 10.9	
5	0701020	1	Bolt, M10X60	
6	2200223	1	Plug	
7	2220237	2	Plug	
9	3291001	3	Nut, M10X1.5 Grade 8	
10	4740274	4	Washer	
12	4812000	3	Washer, M10	
13	4812002	4	Washer, M10	
14	4812102	2	Washer, M12	
15	4832100	4	Washer, Lock M12	
16	1001155540	2	Washer	
17	8278020	1	Mount	
18	1001114803	2	Mount	
19	1001159347	1	Radiator Cooling Package (See Separate Breakdown in this Section)	
20	1001163082	1	Installation, HOC Lines (See Separate Breakdown in this Section)	
21	1001163247	1	Installation, TOC Lines (See Separate Breakdown in this Section)	
22	1001163248	1	Installation, Coolant Lines (LS) (See Separate Breakdown in this Section)	
23	1001163249	1	Installation, CAC Lines (LS) (See Separate Breakdown in this Section)	
24	1001167078	1	Installation, Surge Tank (See Separate Breakdown in this Section)	
25	1001168030	2	Barb, Hose	
26	1001169173	1	Bracket	
27	1001169174	1	Bracket	
28	1001169965	1	Panel, Air Dam	
29	1001173452	1	Gasket	
30	1001173457	1	Gasket	
31	1001173546	1	Bracket, Air Baffle	
32	1001174356	1	Barb, Hose	
33	4832000	2	Washer, Lock M10	

FIGURE 4-40. COOLANT LINES INSTALLATION (ULS)

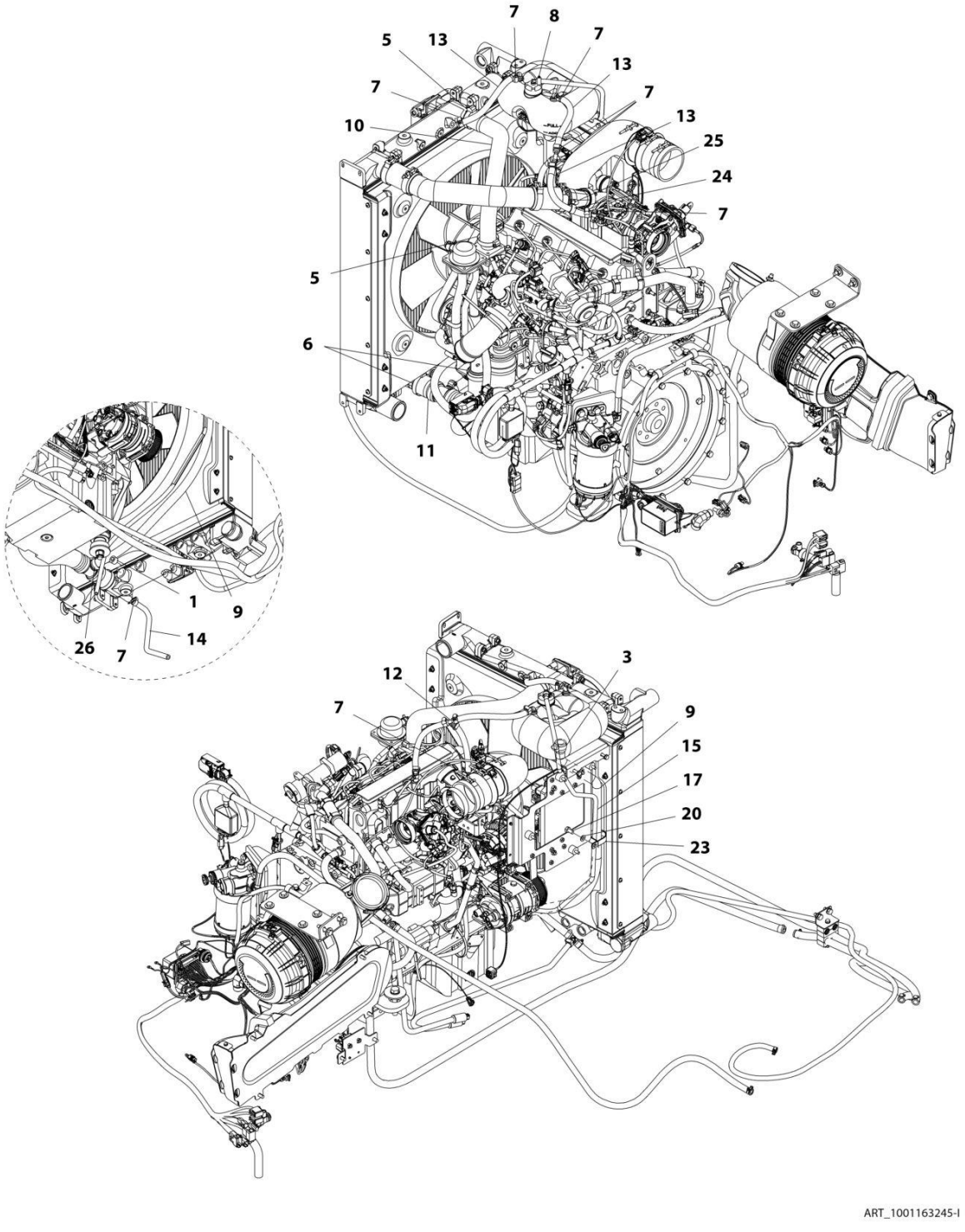


FIGURE 4-40. COOLANT LINES INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163245	Ref	Coolant Lines Installation (ULS)	I
1	2200224	1	Plug	
3	8405101	AR	Clamp, Gear	
5	8405201	2	Clamp, Gear	
6	8405202	2	Clamp, Gear	
7	8410013	9	Clamp, Gear	
8	8405009	1	Clamp, Gear	
9	1001182011	1	Hose	
10	1001166430	1	Pipe	
11	1001182012	1	Hose	
12	1001172953	1	Pipe, Tee	
13	1001181625	1042 mm	Hose	
14	1001180553	370 mm	Hose	
15	1001180542	1680 mm	Hose	
17	0761010	1	Bolt, M10X20	
20	4812000	1	Washer, M10	
23	1001097588	1	Clamp	
24	8410019	1	Clamp, 7/8	
25	0760605	1	Bolt, 6X10	
26	8405007	1	Clamp	

FIGURE 4-41. COOLANT LINES INSTALLATION (LS)

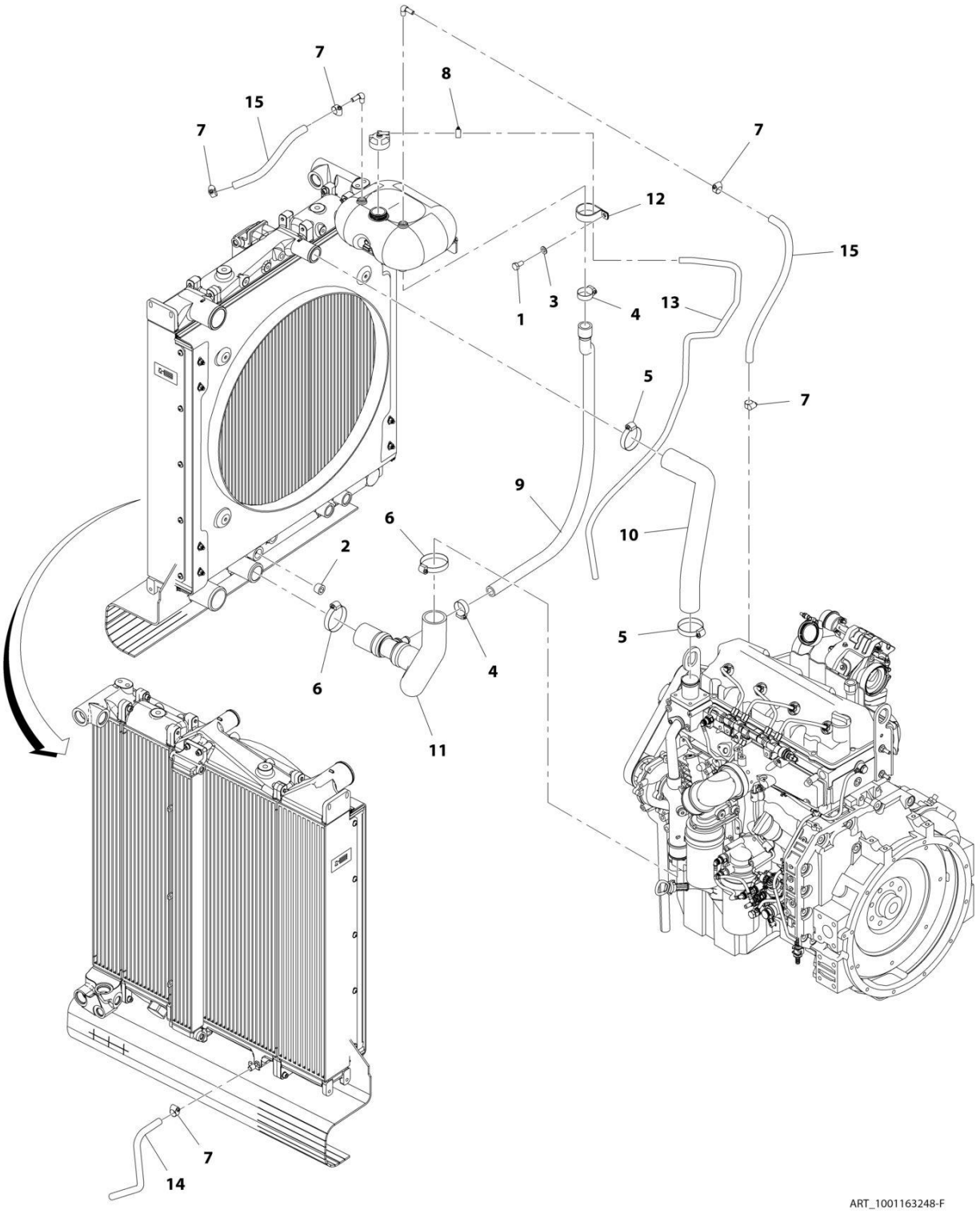


FIGURE 4-41. COOLANT LINES INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163248	Ref	Coolant Lines Installation (LS)	F
1	0761010	1	Bolt, M10X20	
2	2200224	1	Plug	
3	4812000	1	Washer, M10	
4	8405101	2	Clamp, Gear	
5	8405201	2	Clamp, Gear	
6	8405202	2	Clamp, Gear	
7	8410013	5	Clamp, Gear	
8	8405009	1	Clamp, Gear	
9	1001182011	1	Hose	
10	1001166430	1	Pipe	
11	1001182012	1	Hose	
12	1001097588	1	Clamp	
13	1001180542	1680 mm	Hose	
14	1001180553	369 mm	Hose	
15	1001181625	711 mm	Hose	

FIGURE 4-42. RADIATOR COOLING PACKAGE

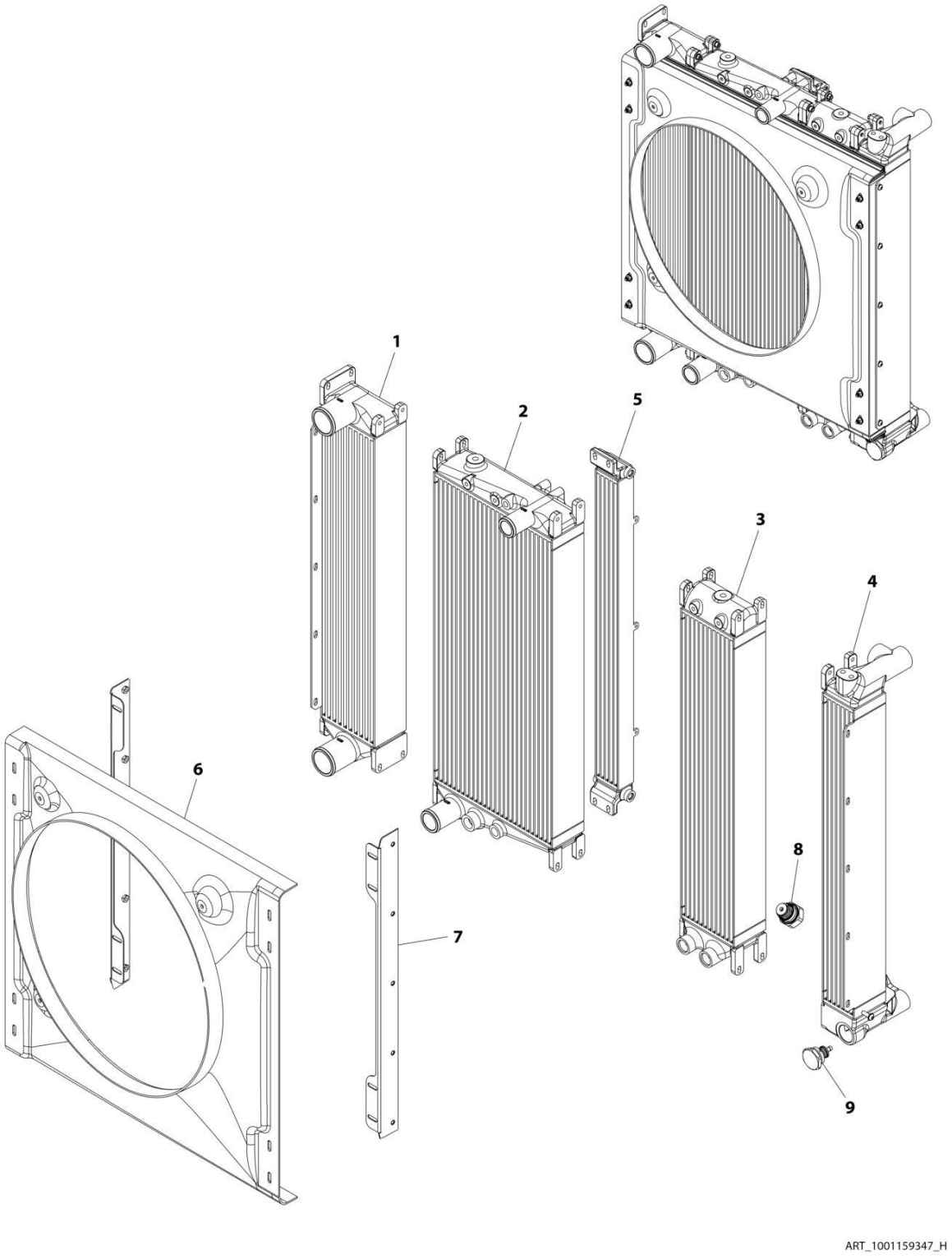


FIGURE 4-42. RADIATOR COOLING PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001159347	Ref	RADIATOR COOLING PACKAGE	H
1	70026353	1	Cooler, Air Charge	
2	70026354	1	Radiator	
3	70026355	1	Cooler, Transmission Oil	
4	70026356	1	Cooler, Hydraulic Oil	
5	70026357	1	Cooler, Fuel	
6	70026358	1	Shroud	
7	70026359	2	Bracket, Shroud Mounting	
8	70026082	1	Valve, Bypass	
9	70026360	1	Valve, Bypass	
10	70026081	1	Petcock	

FIGURE 4-43. SURGE TANK INSTALLATION

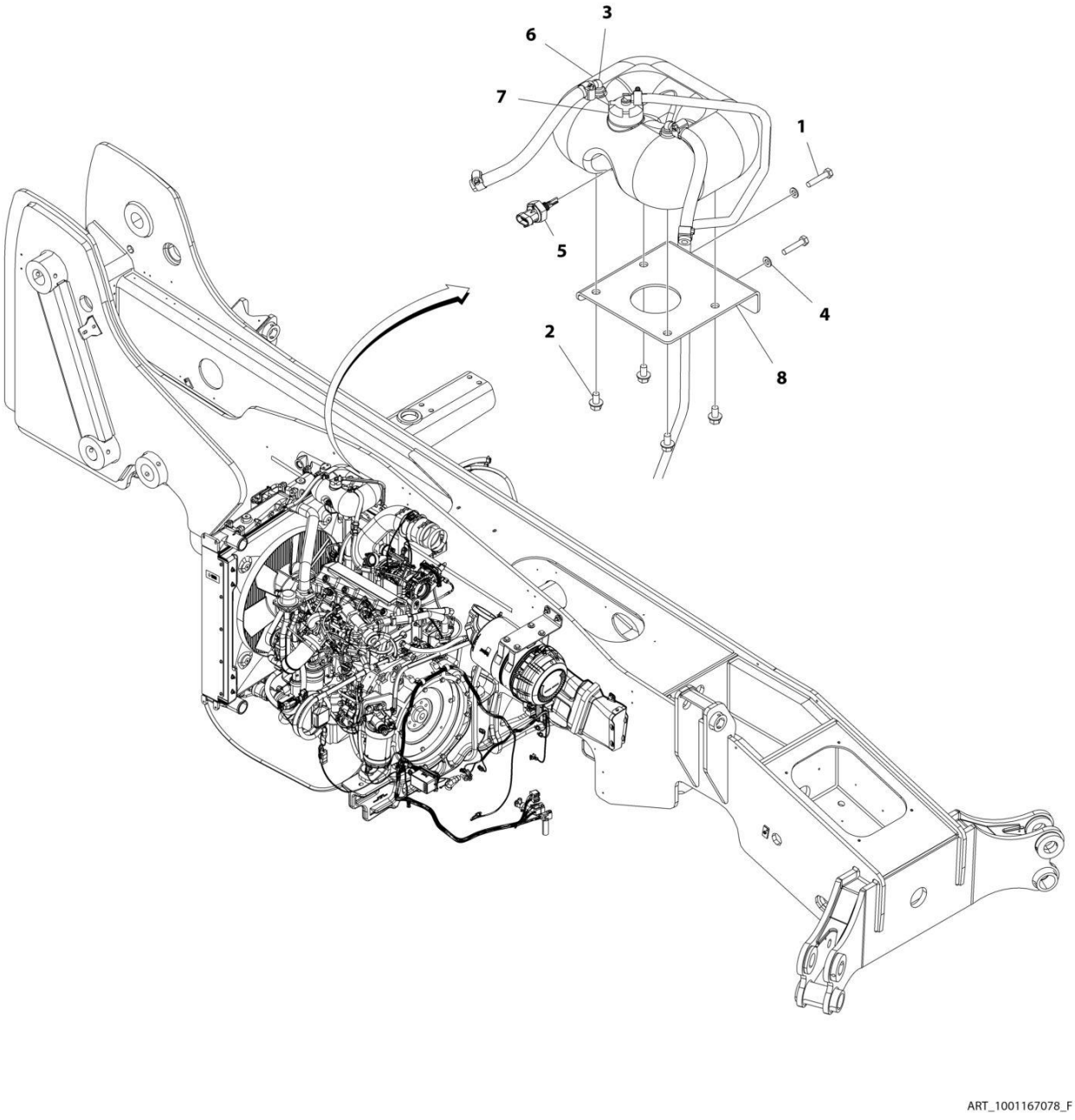


FIGURE 4-43. SURGE TANK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167078	Ref	SURGE TANK INSTALLATION	F
1	0700816	2	Bolt M8 x 40	
2	0791605	4	Bolt M3/8-16 x 5/8	
3	2180467	2	Fitting	
4	4811900	2	Washer M8	
5	1001286175	1	Sensor, Coolant Level	
6	1001128144	1	Tank, Coolant	
7	1001128341	1	Cap	
8	1001163637	1	Bracket, Coolant Tank	

FIGURE 4-44. A/C PUMP INSTALLATION (ULS)

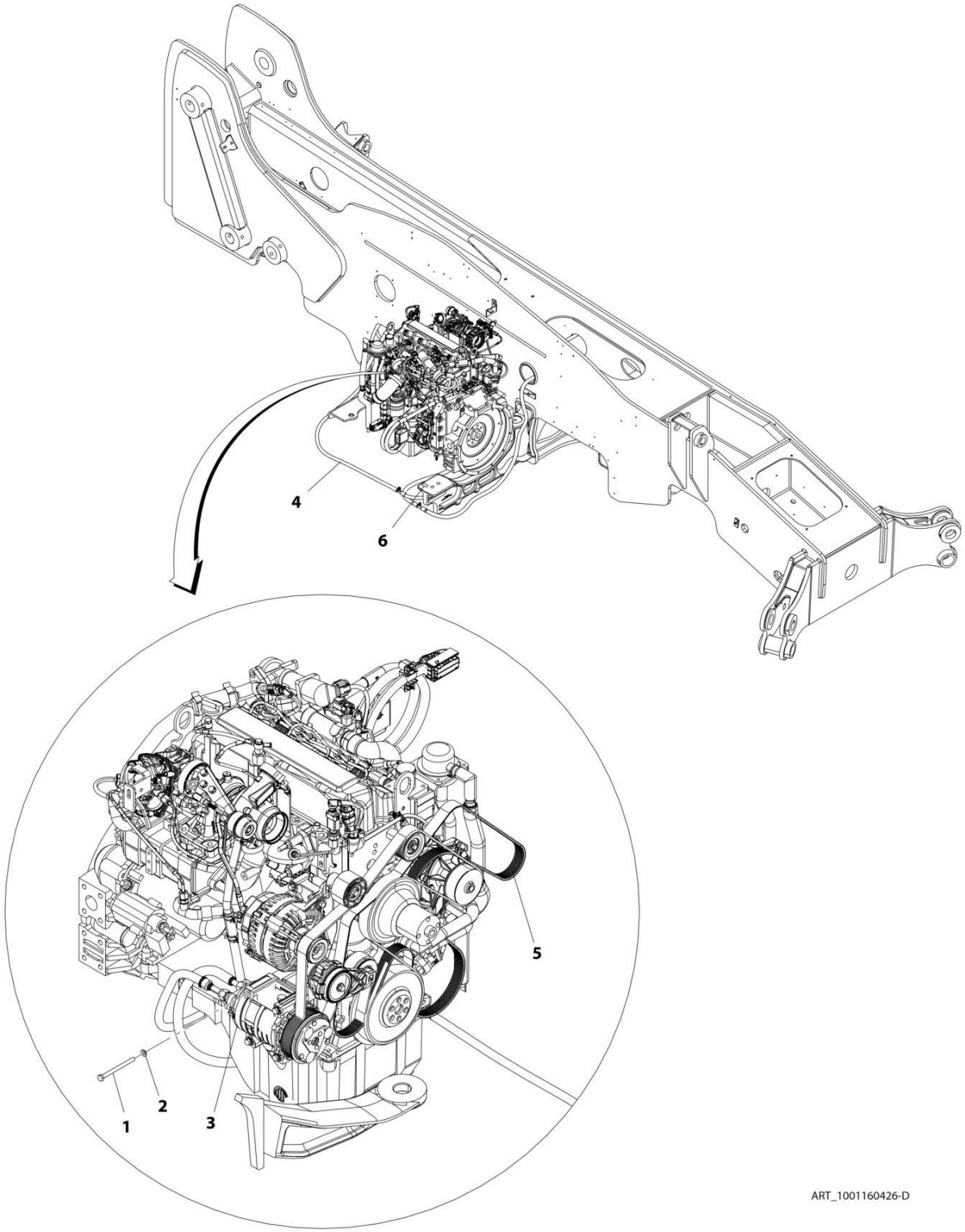


FIGURE 4-44. A/C PUMP INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160426	Ref	A/C Pump Installation (ULS)	D
1	0700827	4	Bolt, M8X100	
2	4811900	4	Washer, M8	
3	1001157663	1	Compressor, A/C	
4	1001163254	1	Installation, A/C Lines (See Separate Breakdown in this Section)	
5	1001167357	1	Belt	
6	1001193026	1	Decal, A/C Refrigerant	

FIGURE 4-45. A/C PUMP INSTALLATION (LS)

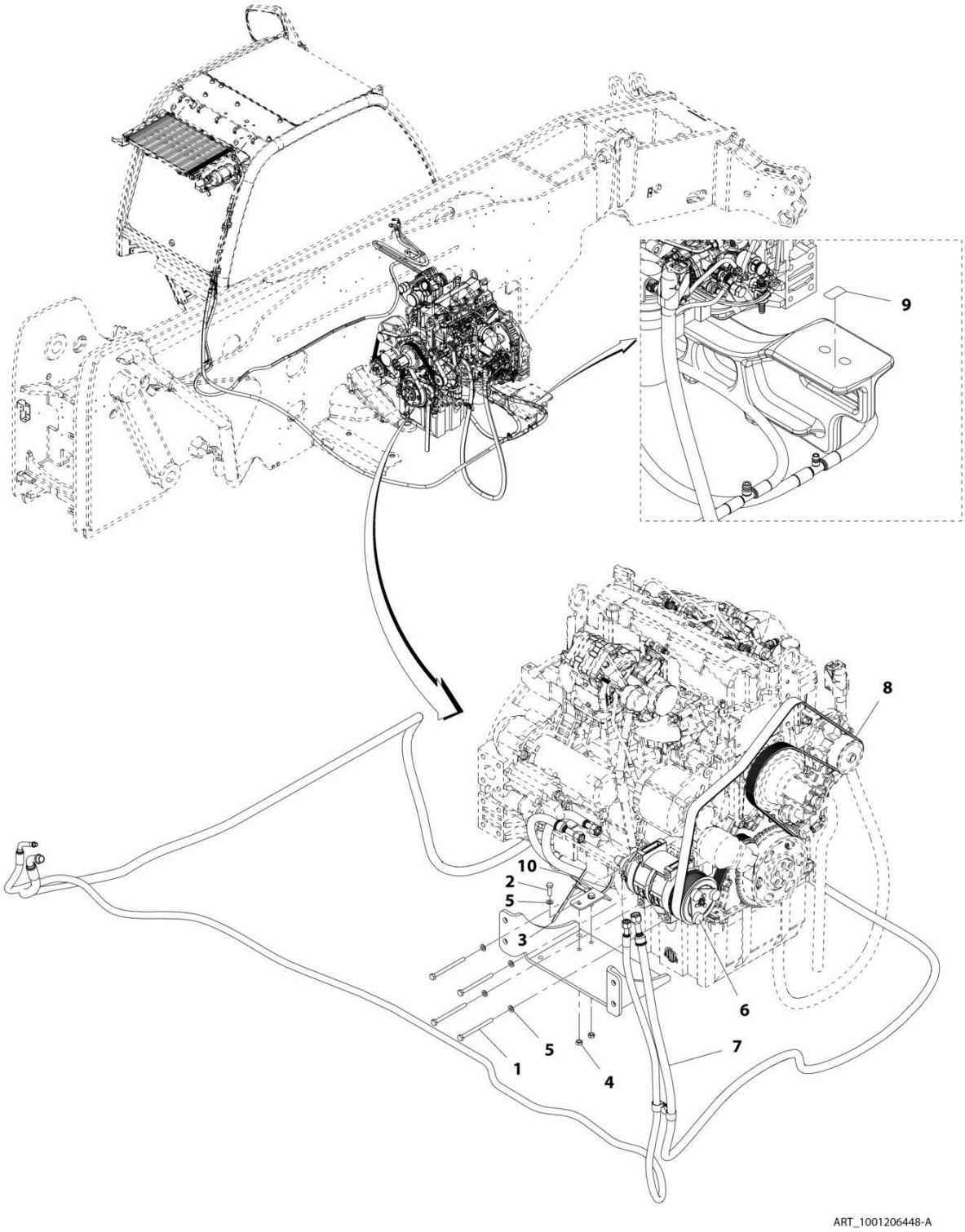


FIGURE 4-45. A/C PUMP INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206448	Ref	A/C Pump Installation (LS)	A
1	0700827	4	Bolt, M8X100	
2	0760812	2	Bolt, M8X25	
3	1062255	1	Strap, Tie	
4	3290801	2	Nut, M8X1.25 Grade 8	
5	4811900	6	Washer, M8	
6	1001157663	1	Compressor, A/C	
7	1001163254	1	Installation, A/C Lines (See Separate Breakdown in this Section)	
8	1001167357	1	Belt	
9	1001193026	1	Decal, A/C Refrigerant	
10	1001206332	1	Bracket	

FIGURE 4-46. A/C LINES INSTALLATION

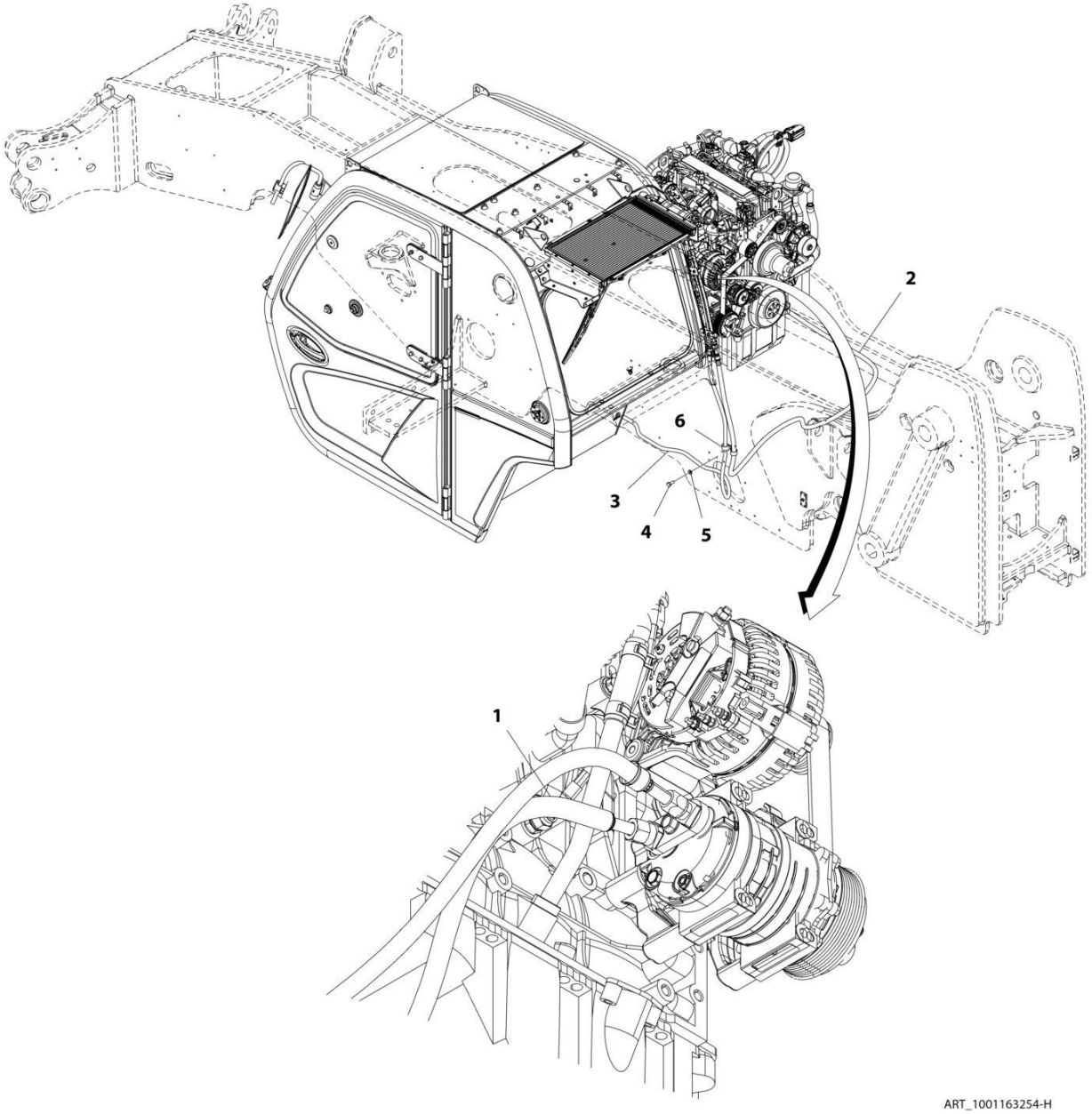


FIGURE 4-46. A/C LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163254	Ref	A/C Lines Installation	H
1	1001196491	1	Hose	
2	1001184017	1	Hose	
3	1001186705	1	Hose	
4	0761012	1	Bolt, M10X25	
5	4812000	1	Washer, M10	
6	8406102	2	Clip	

FIGURE 4-47. ENGINE OIL QUICK DRAIN INSTALLATION

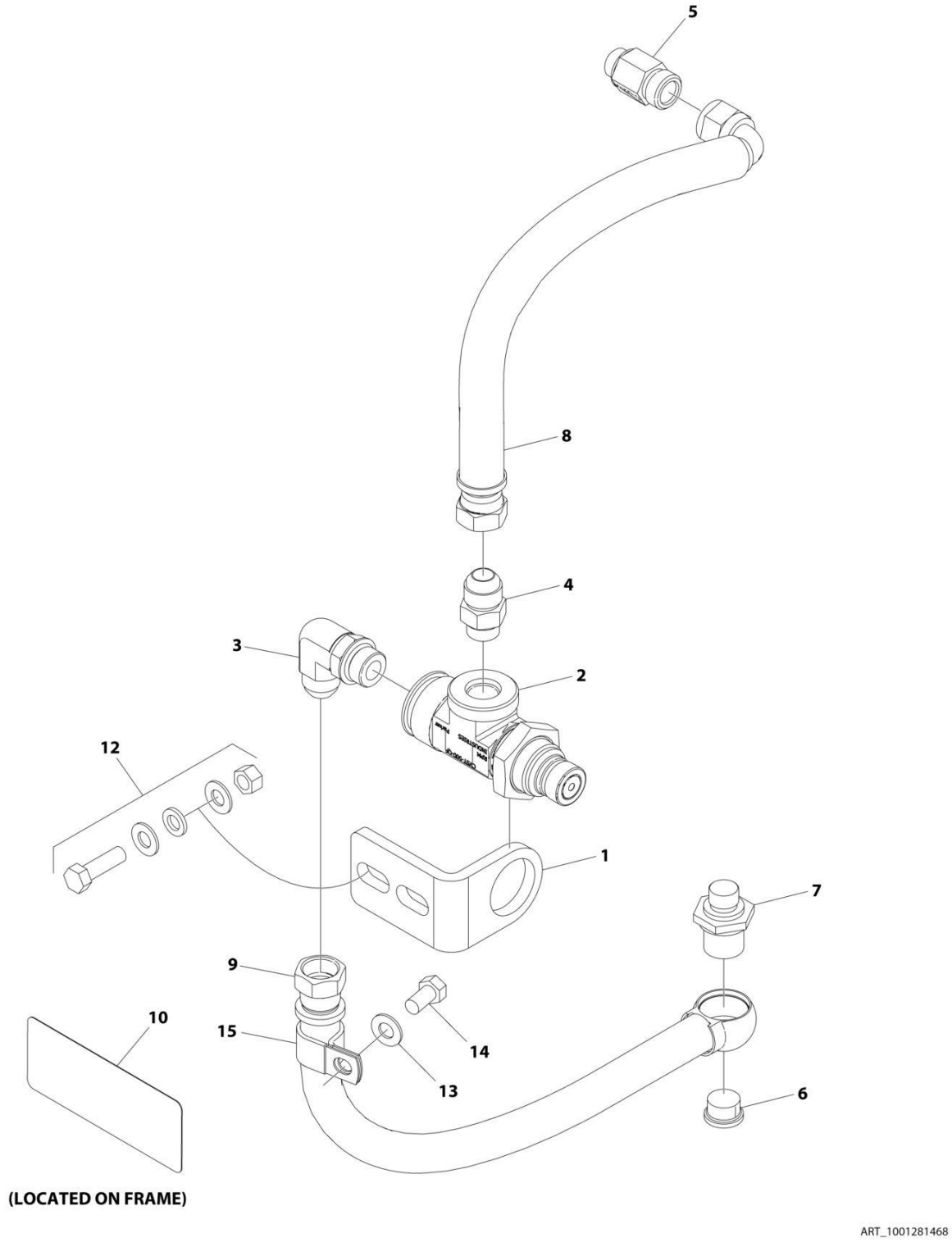


FIGURE 4-47. ENGINE OIL QUICK DRAIN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281468	Ref	QUICK DRAIN OIL VALVE INSTALLATION	A
1	1001281297	1	Bracket	
2	1001281298	1	Valve, Small Quickfit	
3	1001281301	1	Fitting, 90	
4	1001281302	1	Fitting, Straight	
5	1001281303	1	Valve, Check Quickfit	
6	1001281304	1	Plug, Quickfit	
7	1001281305	1	Fitting, Straight Quickfit	
8	1001283990	1	Hose	
9	1001281354	1	Hose	
10	1001281360	1	Decal - RPM Quickfit	
11	1001281656	AR	Tie-Strap (Not Shown)	
12	1001281888	2	Bolt 3/8 x 1-1/4	
13	1001282009	1	Washer M8	
14	1001282010	1	Bolt M8 x 18	
15	1001282011	1	Clip	

FIGURE 4-48. CAC LINES INSTALLATION (ULS)

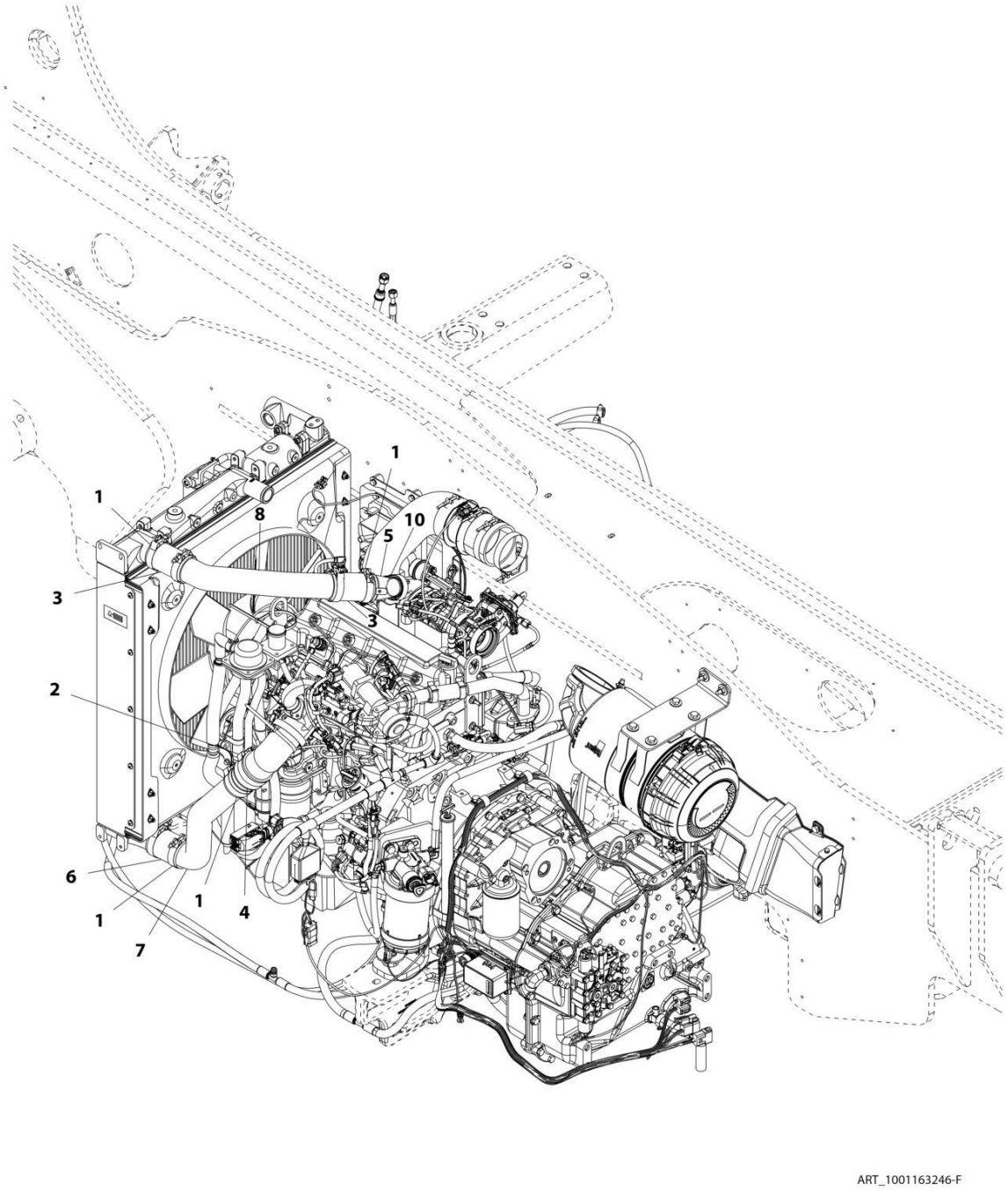


FIGURE 4-48. CAC LINES INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163246	Ref	CAC Lines Installation (ULS)	F
1	8405212	7	Clamp, T-Bolt	
2	8405305	1	Clamp, T-Bolt	
3	1001114495	2	Hose	
4	1001138348	1	Hose	
5	1001161920	1	Adapter Mech	
6	1001166416	1	Hose	
7	1001166925	1	Pipe	
8	1001166993	1	Pipe	
10	1001172591	1	O-Ring	

FIGURE 4-49. CAC LINES INSTALLATION (LS)

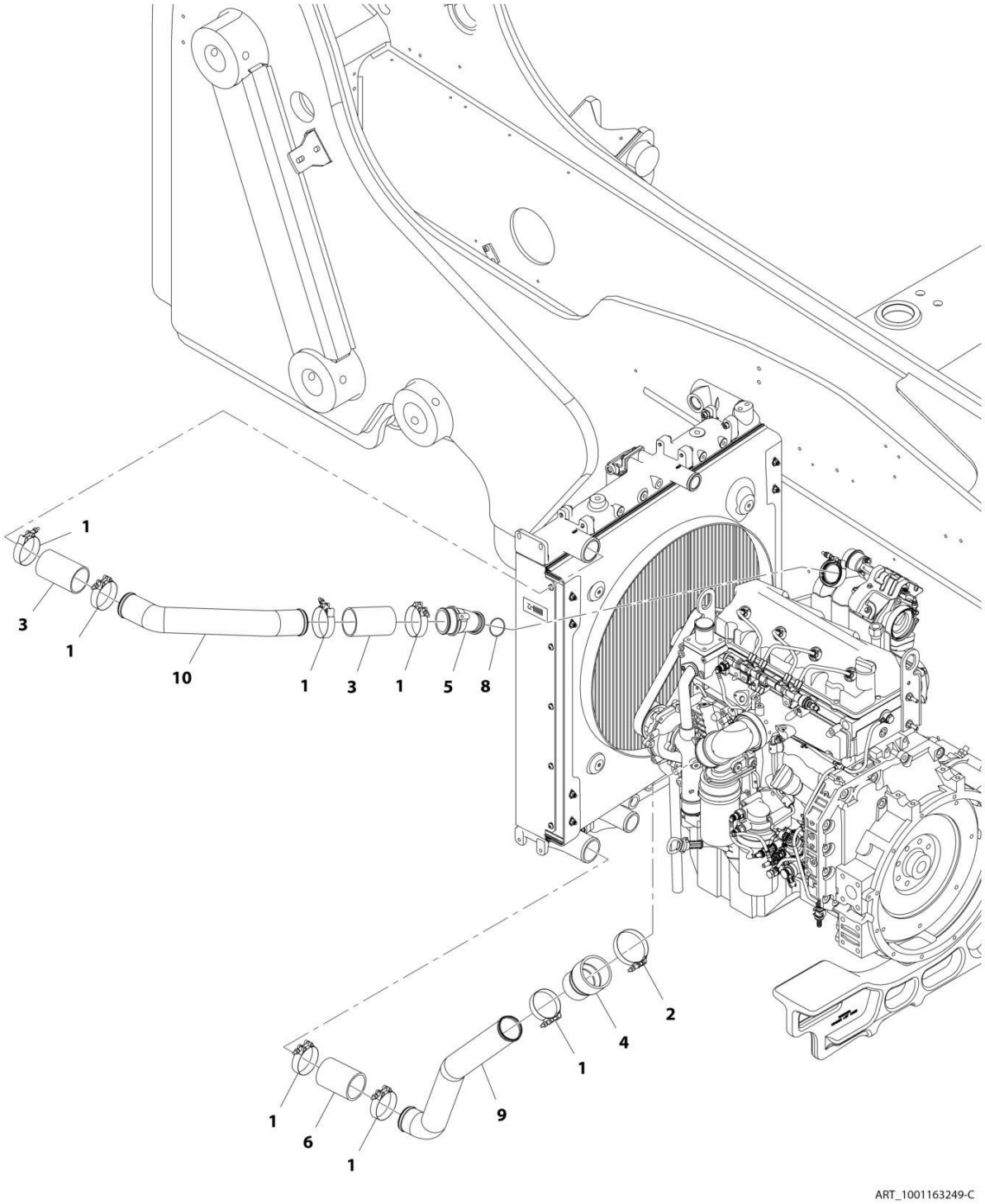


FIGURE 4-49. CAC LINES INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163249	Ref	CAC Lines Installation (LS)	C
1	8405212	7	Clamp, T-Bolt	
2	8405305	1	Clamp, T-Bolt	
3	1001114495	2	Hose	
4	1001138348	1	Hose	
5	1001161920	1	Adapter Mech	
6	1001166416	1	Hose	
8	1001172591	1	O-Ring	
9	1001174832	1	Pipe	
10	1001179376	1	Pipe	

FIGURE 4-50. HOC LINES INSTALLATION

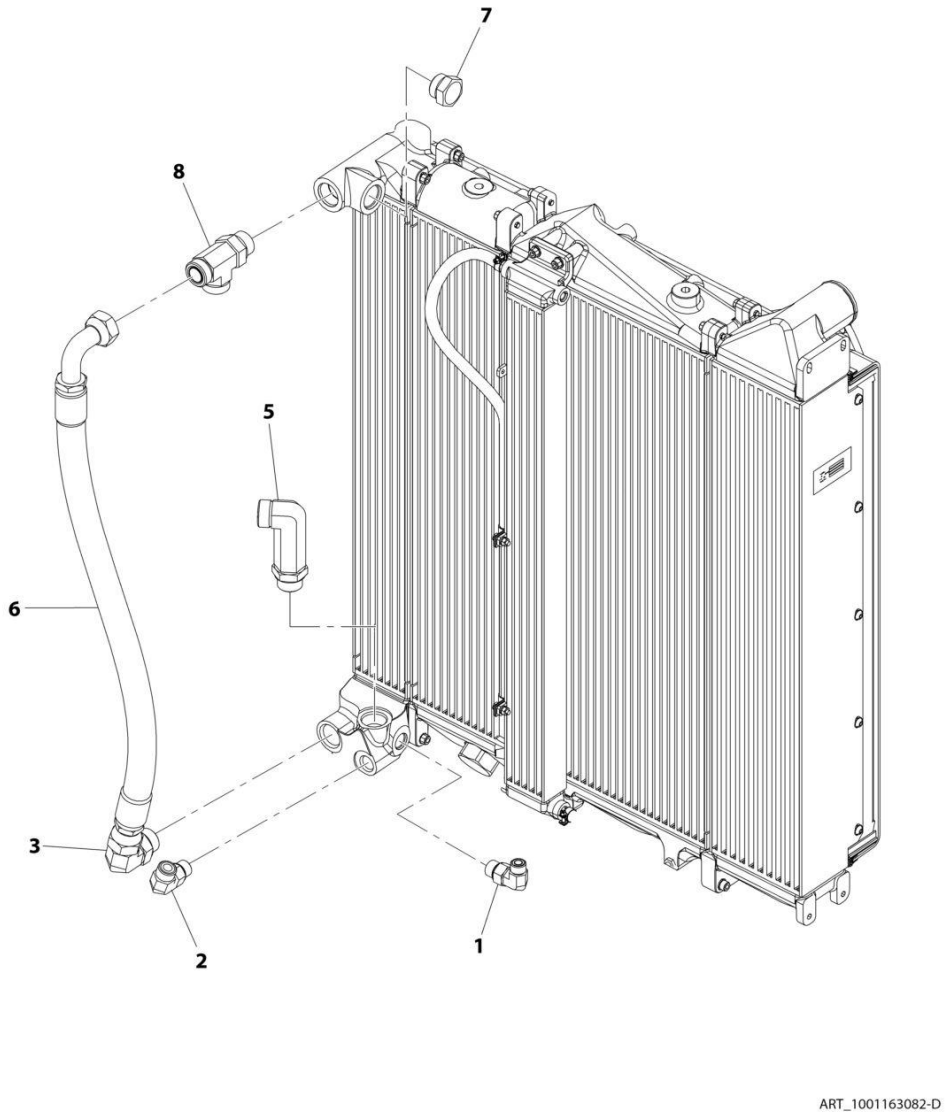


FIGURE 4-50. HOC LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163082	Ref	HOC Lines Installation	D
1	2130810	1	Fitting, ORFS	
2	2131010	1	Fitting, ORFS	
3	2131616	1	Fitting, ORFS	
5	2170216	1	Fitting, ORFS	
6	1001163723	1	Hose	
7	2220242	1	Fitting	
8	2170316	1	Fitting, Tee ORFS	

FIGURE 4-51. TOC LINES INSTALLATION

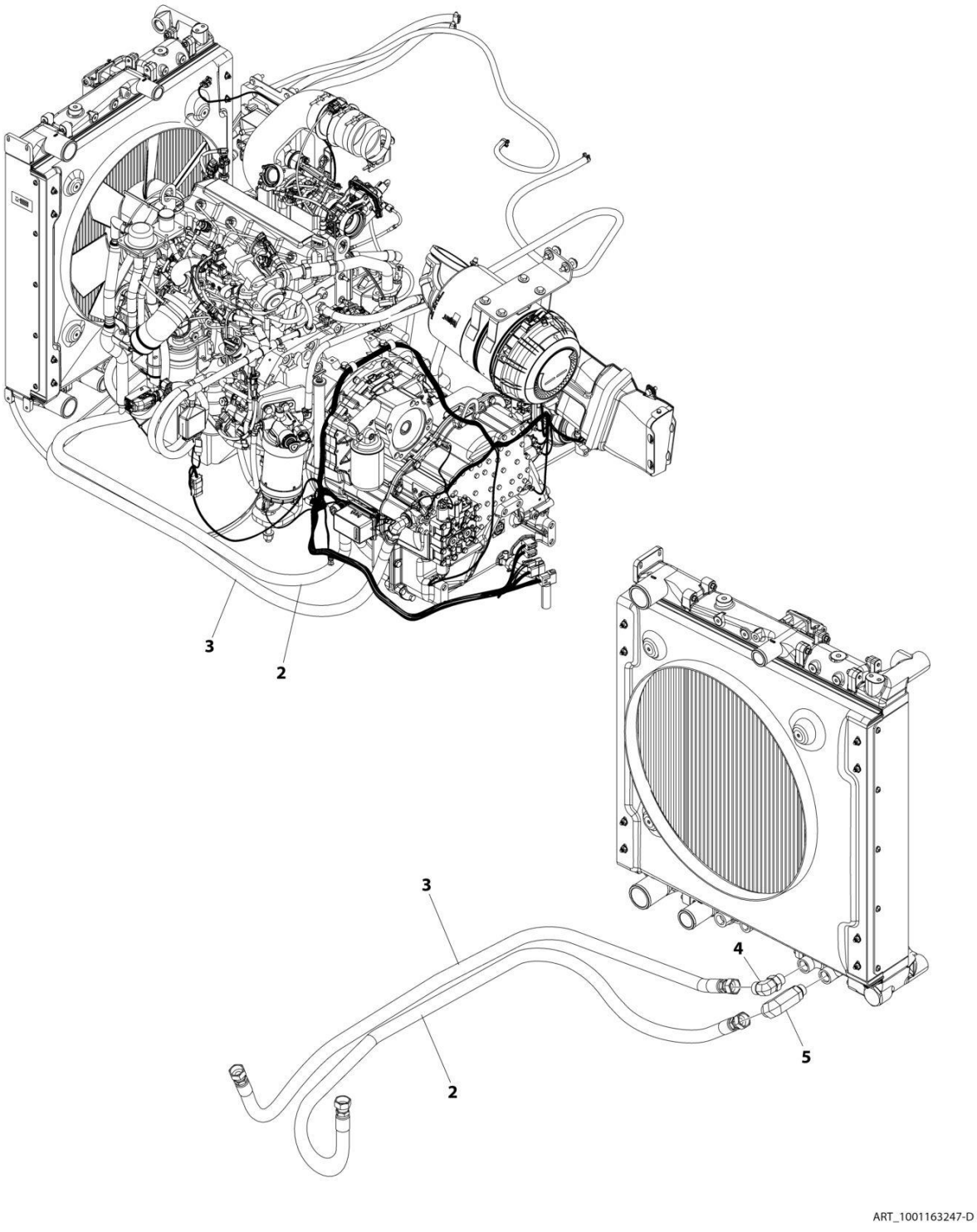


FIGURE 4-51. TOC LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163247	Ref	TOC Lines Installation	D
2	1001169207	1	Hose	
3	1001169393	1	Hose	
4	2131212	1	Fitting, 90 ORFS	
5	2170212	1	Fitting, 90 ORFS	

SECTION 5 - DRIVE TRAIN

FIGURE 5-1. TRANSMISSION INSTALLATION, 74 HP

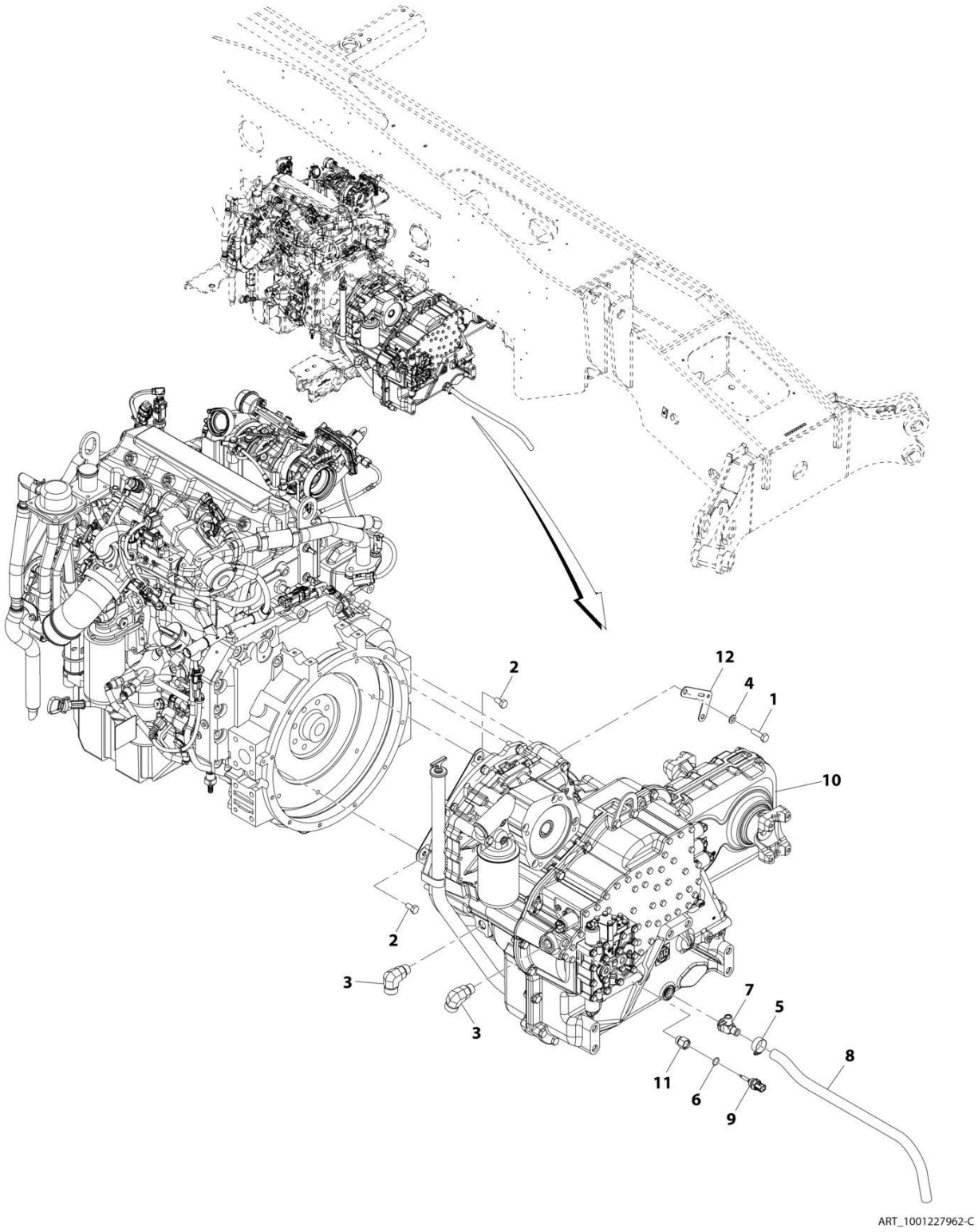


FIGURE 5-1. TRANSMISSION INSTALLATION, 74 HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227962	Ref	Transmission Installation, 74HP (ULS)	C
1	0711015	12	Screw, M10X35	
2	0761010	4	Screw, M10X20	
3	2131210	2	Fitting, 90 ORFS	
4	4812000	12	Washer, M10	
5	8405007	1	Clamp, Hose	
6	1001009163	1	Seal	
7	1001097053	1	Valve, Oil Drain	
8	1001186225	1	Hose, Drain	
9	1001128478	1	Sensor	
10	1001260171	1	Transmission, Powershift (See Separate Breakdown in this Section)	
11	1001220760	1	Adapter	
12	1001227286	2	Bracket	

FIGURE 5-2. TRANSMISSION INSTALLATION, 110 HP

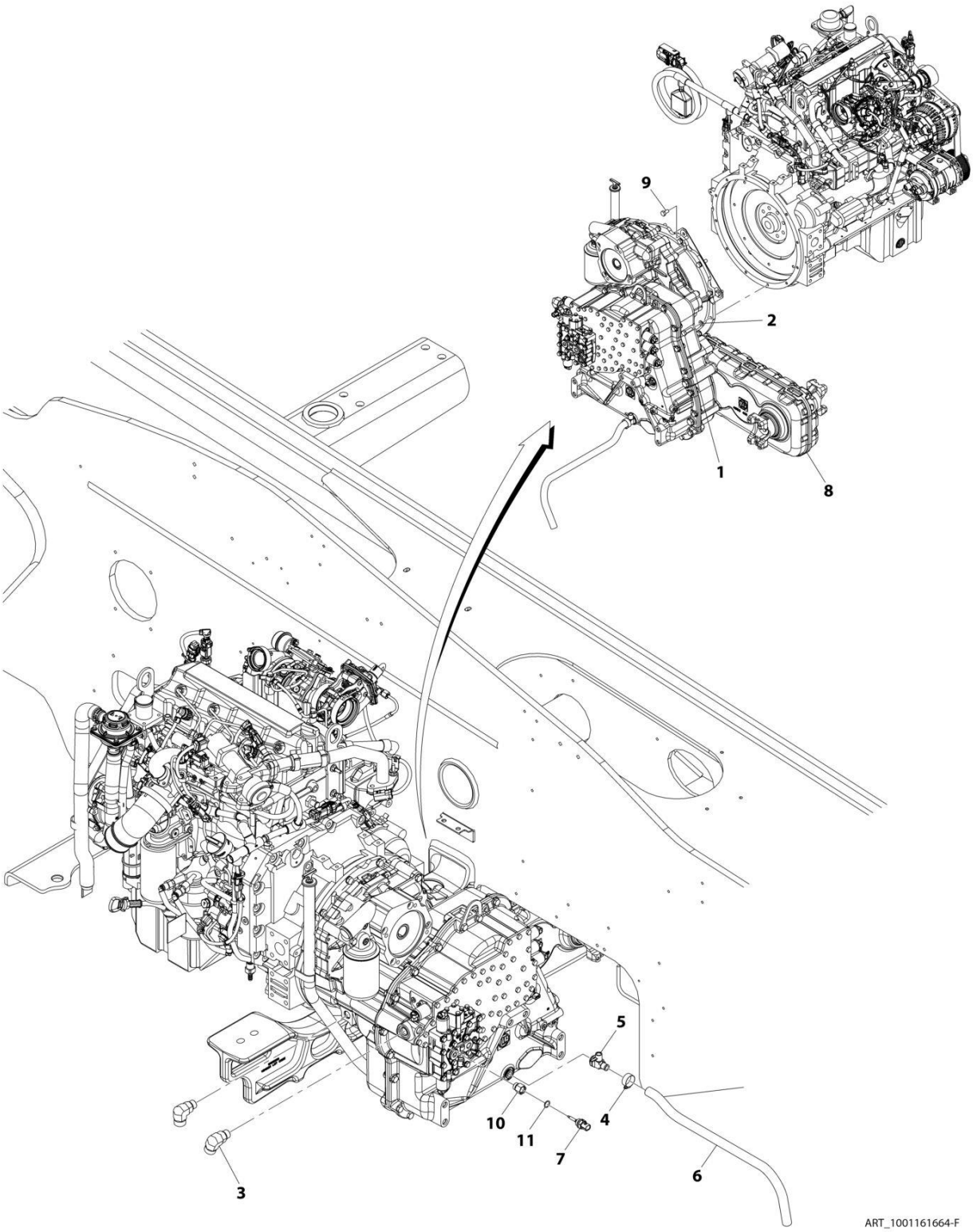
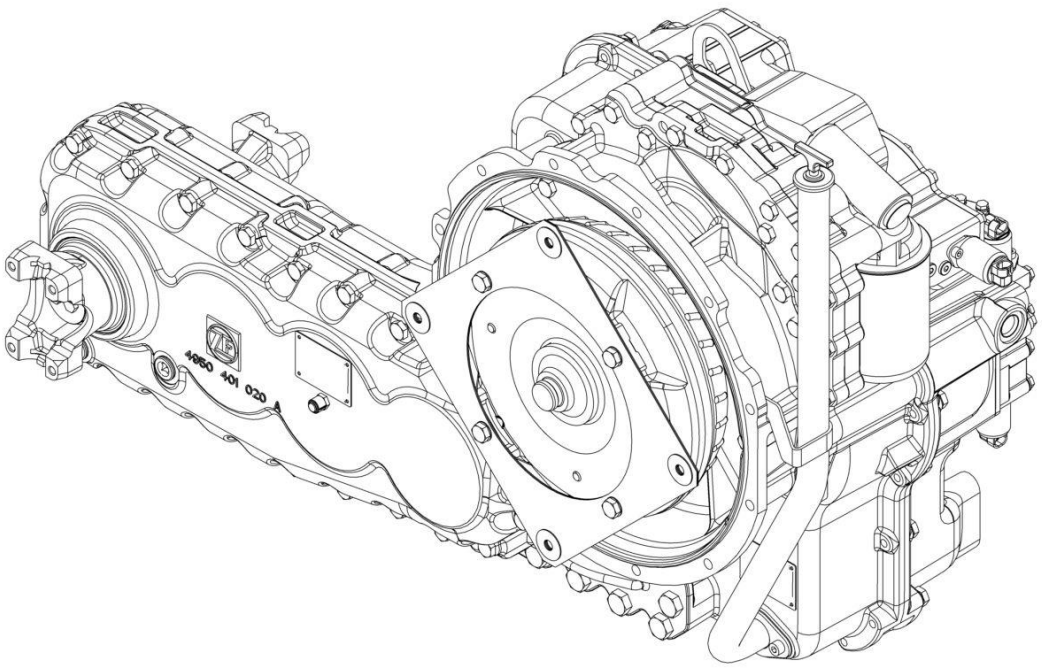


FIGURE 5-2. TRANSMISSION INSTALLATION, 110 HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161664	Ref	Transmission Installation	F
1	0711015	12	Screw, M10X35	
2	4812000	12	Washer, M10	
3	2131210	2	Fitting, 90 ORFS	
4	8405007	1	Clamp, Hose	
5	1001097053	1	Valve, Oil Drain	
6	1001186225	1	Hose, Drain	
7	1001128478	1	Switch, Oil Temperature	
8	1001260171	1	Transmission, Powershift (See Separate Breakdown in this Section)	
9	0761010	4	Screw, M10X20	
10	1001220760	1	Adapter	
11	1001009163	1	Seal	

FIGURE 5-3. POWERSHIFT TRANSMISSION



ART_1001260171-A

FIGURE 5-3. POWERSHIFT TRANSMISSION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	Powershift Transmission	A
		Ref	Transmission, Engine Connection (See Separate Breakdown in this Section)	
		Ref	Transmission, Converter (See Separate Breakdown in this Section)	
		Ref	Transmission, Input (See Separate Breakdown in this Section)	
		Ref	Transmission, Housing Group 1 (See Separate Breakdown in this Section)	
		Ref	Transmission, Housing Group 2 (See Separate Breakdown in this Section)	
		Ref	Transmission, Clutch Group 1 (See Separate Breakdown in this Section)	
		Ref	Transmission, Clutch Group 2 (See Separate Breakdown in this Section)	
		Ref	Transmission, Coupling Group 1 (See Separate Breakdown in this Section)	
		Ref	Transmission, Coupling Group 2 (See Separate Breakdown in this Section)	
		Ref	Transmission, Coupling Group 3 (See Separate Breakdown in this Section)	
		Ref	Transmission, Coupling Group 4 (See Separate Breakdown in this Section)	
		Ref	Transmission, Output (See Separate Breakdown in this Section)	
		Ref	Transmission, Power Take-Off (See Separate Breakdown in this Section)	
		Ref	Transmission, Control Unit (See Separate Breakdown in this Section)	
		Ref	Transmission, Shift System (See Separate Breakdown in this Section)	
		Ref	Transmission, Pressure Regulator (See Separate Breakdown in this Section)	
		Ref	Transmission, Pressure Oil Pump (See Separate Breakdown in this Section)	
		Ref	Transmission, Inductive Transmitter (See Separate Breakdown in this Section)	
		Ref	Transmission, Filter (See Separate Breakdown in this Section)	
		Ref	Transmission, Oil Dipstick (See Separate Breakdown in this Section)	
		Ref	Transmission, Accessories (See Separate Breakdown in this Section)	

FIGURE 5-4. TRANSMISION, ENGINE CONNECTION

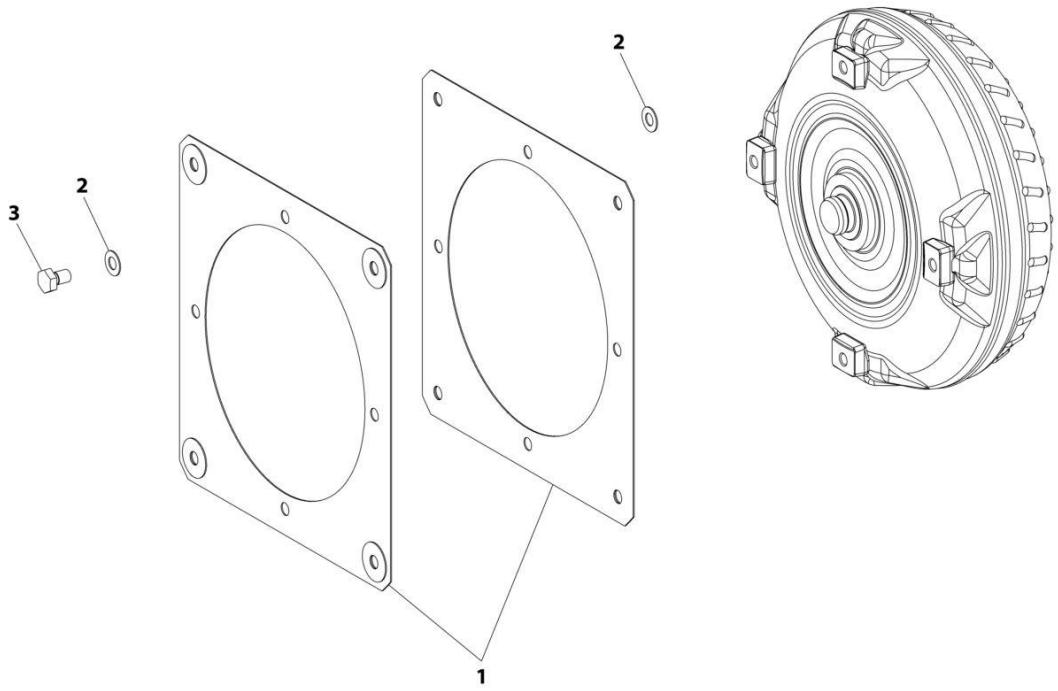
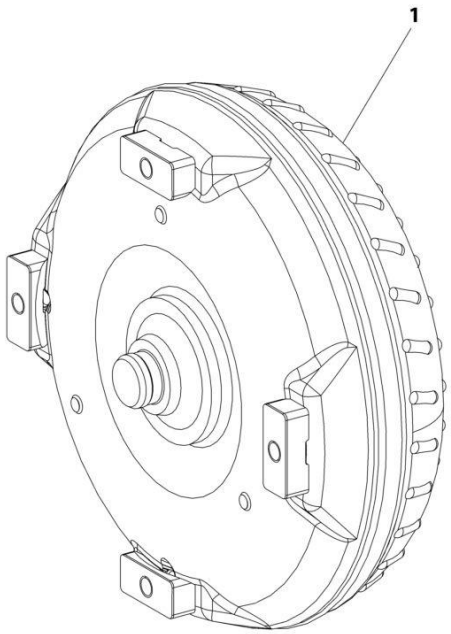


FIGURE 5-4. TRANSMISION, ENGINE CONNECTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSMISSION, ENGINE CONNECTION	A
1	1319229	2	Diaphragm	
2	7026745	8	Washer	
3	7026744	4	Screw	

FIGURE 5-5. TRANSMISSION, CONVERTER



ART_1001260171_2-A

FIGURE 5-5. TRANSMISSION, CONVERTER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSMISSION, CONVERTER	A
1	7026746	1	Converter	

FIGURE 5-6. TRANSMISSION, INPUT

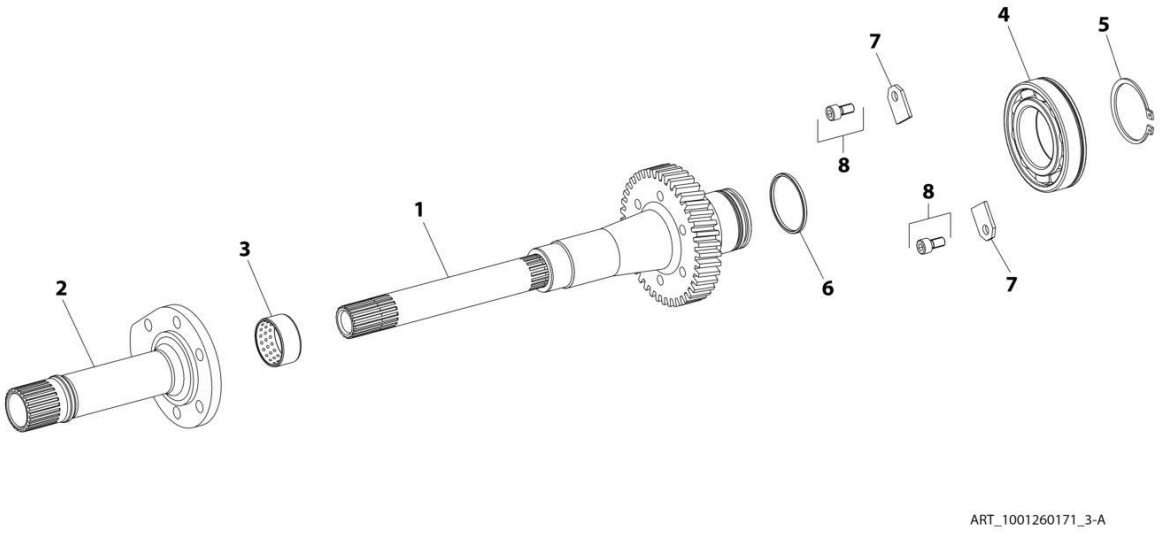


FIGURE 5-6. TRANSMISSION, INPUT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSMISSION, INPUT	A
1	7026747	1	Shaft, Turbine	
2	7026748	1	Shaft, Stator	
3	1319558	1	Bushing, Bearing	
4	1319563	1	Bearing, Ball	
5	80304405	1	Ring, Retaining	
6	7026749	1	Ring, Piston	
7	70026515	2	Strap	
8	70026516	2	Bolt	

FIGURE 5-7. TRANSMISSION, HOUSING GROUP 1

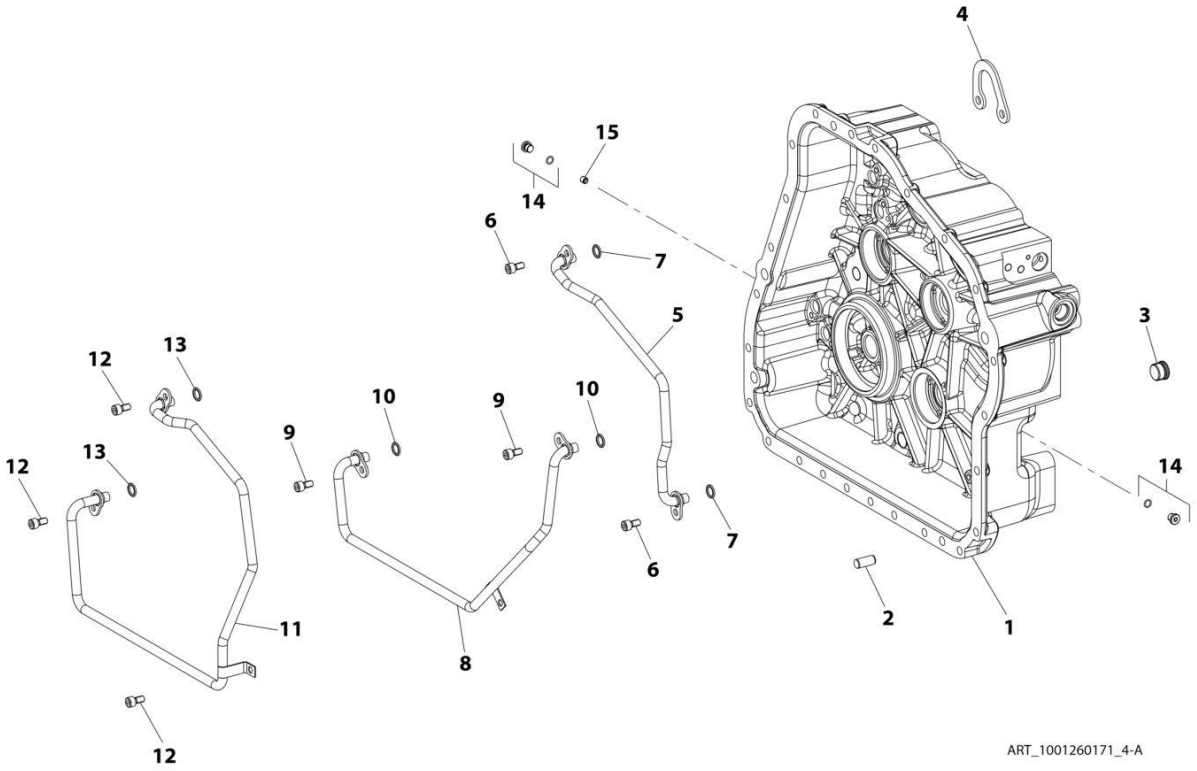


FIGURE 5-7. TRANSMISSION, HOUSING GROUP 1

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSMISSION, HOUSING GROUP 1	A
1	7029973	1	Housing	
2	1319571	2	Pin, Cylndrical	
3	70029525	1	Plug, Screw	
4	1319590	1	Bracket	
5	7026750	1	Tube	
6	70026516	2	Screw	
7	8036847	2	O-Ring	
8	7026751	1	Pipe, Gearbox Housing	
9	70026516	2	Screw	
10	8036847	2	O-Ring	
11	7026752	1	Pipe, Gearbox Housing	
12	70026516	3	Bolt	
13	8036847	2	O-Ring	
14	70026517	7	Screw Plug	
15	70026518	1	Nozzle	

FIGURE 5-8. TRANSMISSION, HOUSING GROUP 2

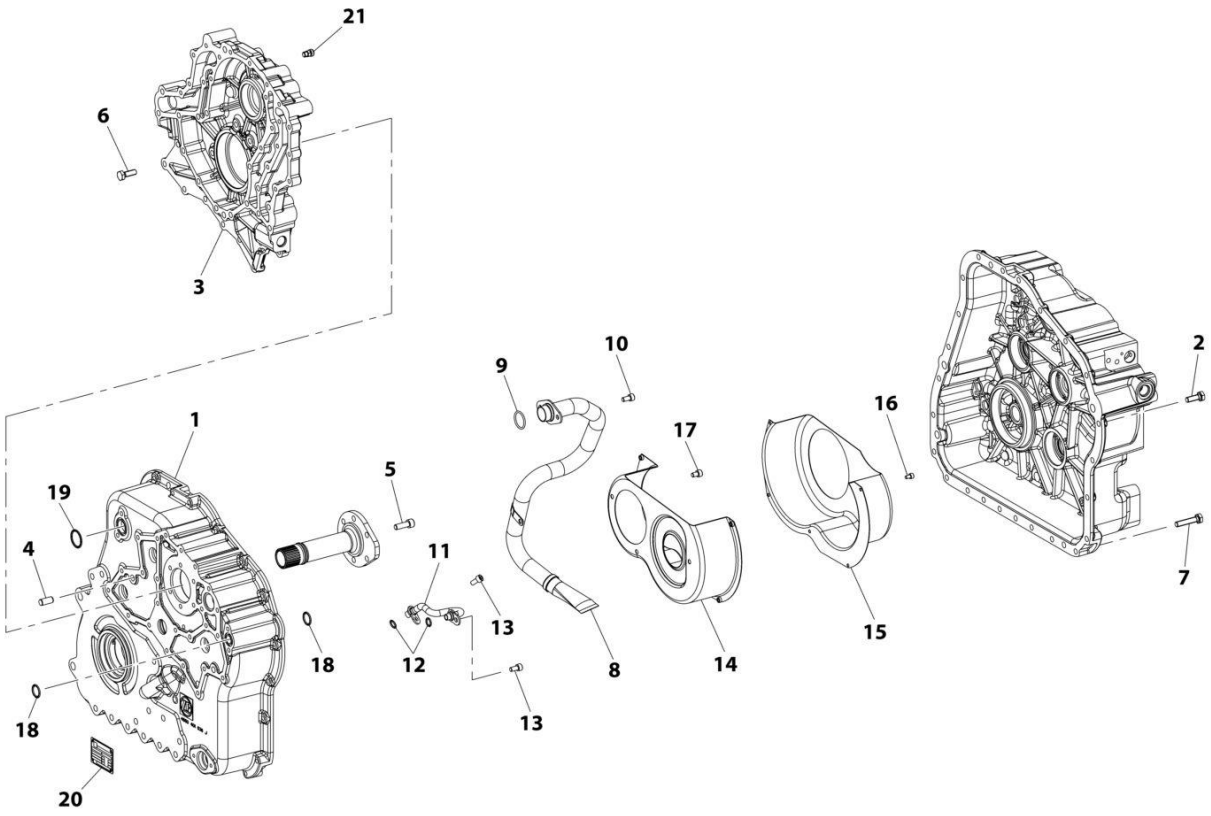


FIGURE 5-8. TRANSMISSION, HOUSING GROUP 2

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSMISSION, HOUSING GROUP 2	A
1	70028854	1	Housing	
2	70027651	18	Bolt	
3	70021920	1	Housing	
4	1319571	2	Pin, Cylindrical	
5	70026519	6	Bolt	
6	70027651	13	Bolt	
7	7026794	7	Screw	
8	70028853	1	Suction Tube	
9	70023885	1	O-Ring	
10	70026516	2	Bolt	
11	7026754	1	Pipe, Gearbox Housing	
12	8036847	2	O-Ring	
13	70026516	2	Bolt	
14	7026755	1	Screen Sheet, Gearbox Housing	
15	7026756	1	Screen Sheet, Gearbox Housing	
16	7029031	5	Screw	
17	70028855	3	Screw	
18	7026792	2	O-Ring	
19	70023885	1	O-Ring	
20	10731744	1	Breather	

FIGURE 5-9. TRANSMISSION, CLUTCH GROUP 1

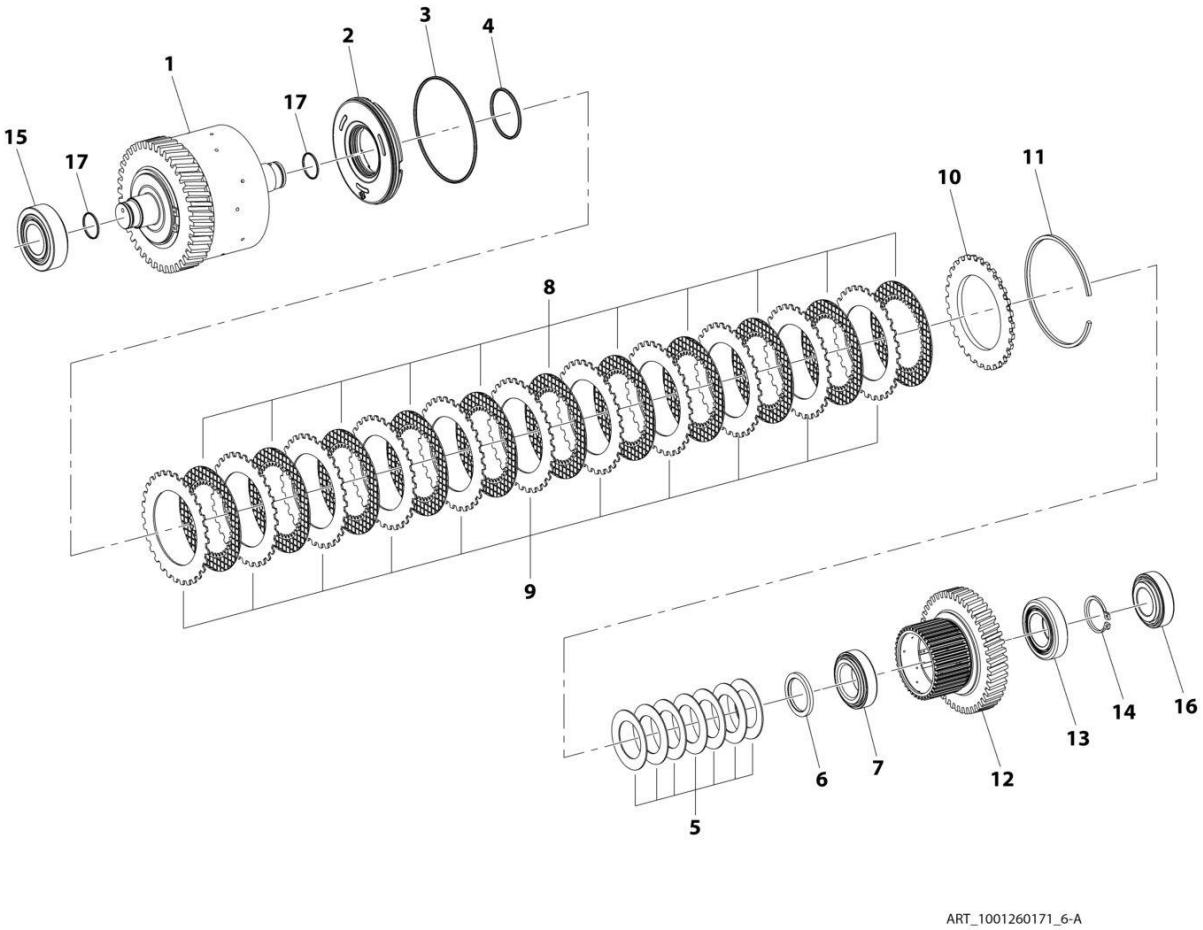


FIGURE 5-9. TRANSMISSION, CLUTCH GROUP 1

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSMISSION, CLUTCH GROUP 1	A
1	7026757	1	Coupling	
2	70022075	1	Piston	
3	1319594	1	O-Ring, 115X3	
4	1319593	1	O-Ring, 52X3	
5	1319595	7	Spring, Cup	
6	1319617	1	Shim, Support	
7	1319618	1	Bearing, Roller	
8	7026758	11	Inner Clutch Disk	
9	7026759	11	Outer Clutch Disk	
10	7026760	1	End Shim	
11	70026529	1	Snap Ring, 2.50	
12	7029852	1	Snap Ring, 2.75	
13	1319602	1	Snap Ring, 3.0	
14	7029849	1	Snap Ring, 3.25	
15	1319601	1	Snap Ring, 3.5	
16	7029850	1	Snap Ring, 3.75	
17	1319600	1	Snap Ring, 4.00	
18	1319638	1	Carrier, Disc	
19	1319620	1	Bearing, Taper Roller	
20	1319632	1	Ring, Retaining 38 X 2.1	
21	1319631	1	Ring, Retaining 38 X 2.2	
22	1319630	1	Ring, Retaining 38 X 2.3	
23	1319628	1	Ring, Retaining 38 X 2.4	
24	1319628	1	Ring, Retaining 38 X 2.5	
25	1319627	1	Ring, Retaining 2.60	
26	1319626	1	Ring, Retaining 2.70	
27	1319625	1	Ring, Retaining 2.80	
28	1319624	1	Ring, Retaining 2.90	
29	1319623	1	Ring, Retaining 3.00	
30	1319622	1	Ring, Retaining 3.10	
31	1319621	1	Ring, Retaining 3.20	
32	1319615	1	Bearing, Roller	
33	1319636	1	Bearing, Tapered Roller	
34	7026761	2	Ring, Piston	

FIGURE 5-10. TRANSMISSION, CLUTCH GROUP 2

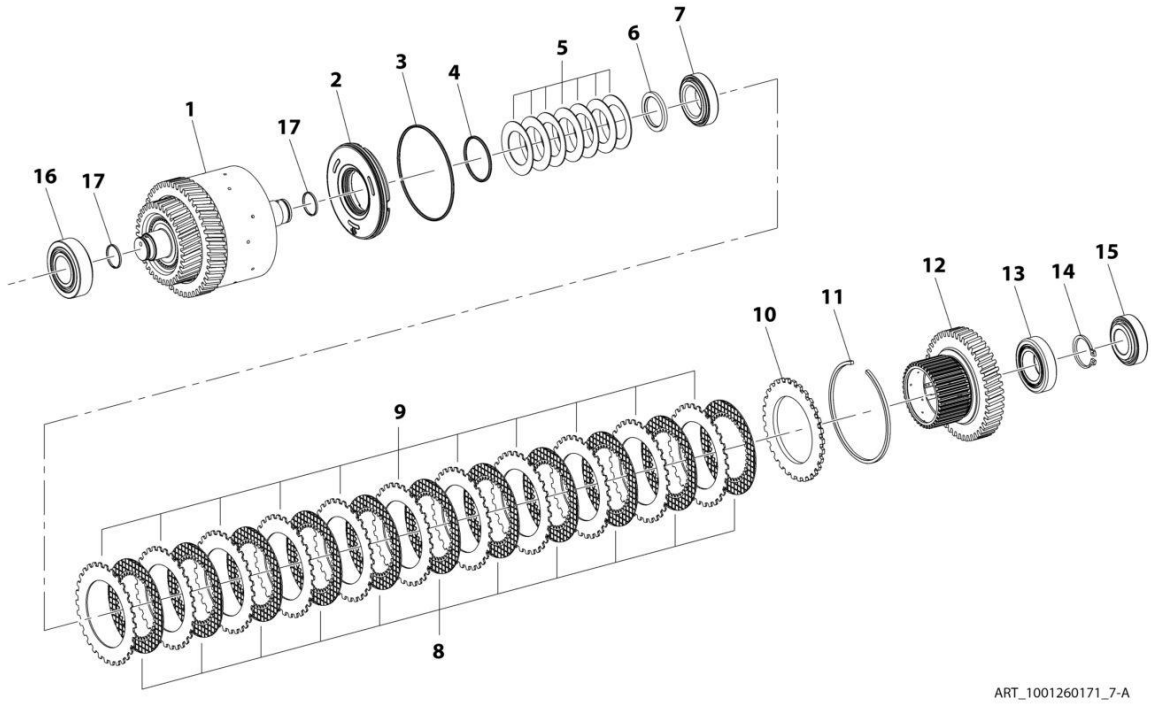


FIGURE 5-10. TRANSMISSION, CLUTCH GROUP 2

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSMISSION, CLUTCH GROUP 2	A
1	7026762	1	Coupling	
2	70022075	1	Piston	
3	1319594	1	O-Ring, 115X3	
4	1319593	1	O-Ring, 52X3	
5	1319595	7	Cup Spring	
6	1319617	1	Shim, Support	
7	1319618	1	Bearing, Roller	
8	7026758	11	Clutch Disk, Inner	
9	7026759	11	Clutch Disk, Outer	
10	7026760	1	End Shim	
11	70026529	1	Snap Ring, 2.50	
	7029852	1	Snap Ring, 2.75	
	1319602	1	Snap Ring, 3.0	
	7029849	1	Snap Ring, 3.25	
	1319601	1	Snap Ring, 3.5	
	7029850	1	Snap Ring, 3.75	
	1319600	1	Snap Ring, 4.00	
12	1319638	1	Carrier, Disc	
13	1319620	1	Bearing, Taper Roller	
14	1319632	1	Ring, Retaining 38 X 2.1	
	1319631	1	Ring, Retaining 38 X 2.2	
	1319630	1	Ring, Retaining 38 X 2.3	
	1319628	1	Ring, Retaining 38 X 2.5	
	1319628	1	Ring, Retaining 38 X 2.4	
	1319627	1	Ring, Retaining 2.60	
	1319626	1	Ring, Retaining 2.70	
	1319625	1	Ring, Retaining 2.80	
	1319624	1	Ring, Retaining 2.90	
	1319623	1	Ring, Retaining 3.00	
	1319622	1	Ring, Retaining 3.10	
	1319621	1	Ring, Retaining 3.20	
15	1319615	1	Bearing, Roller	
16	1319636	1	Bearing, Tapered Roller	
17	7026761	2	Ring, Piston	

FIGURE 5-11. TRANSMISSION, COUPLING GROUP 1

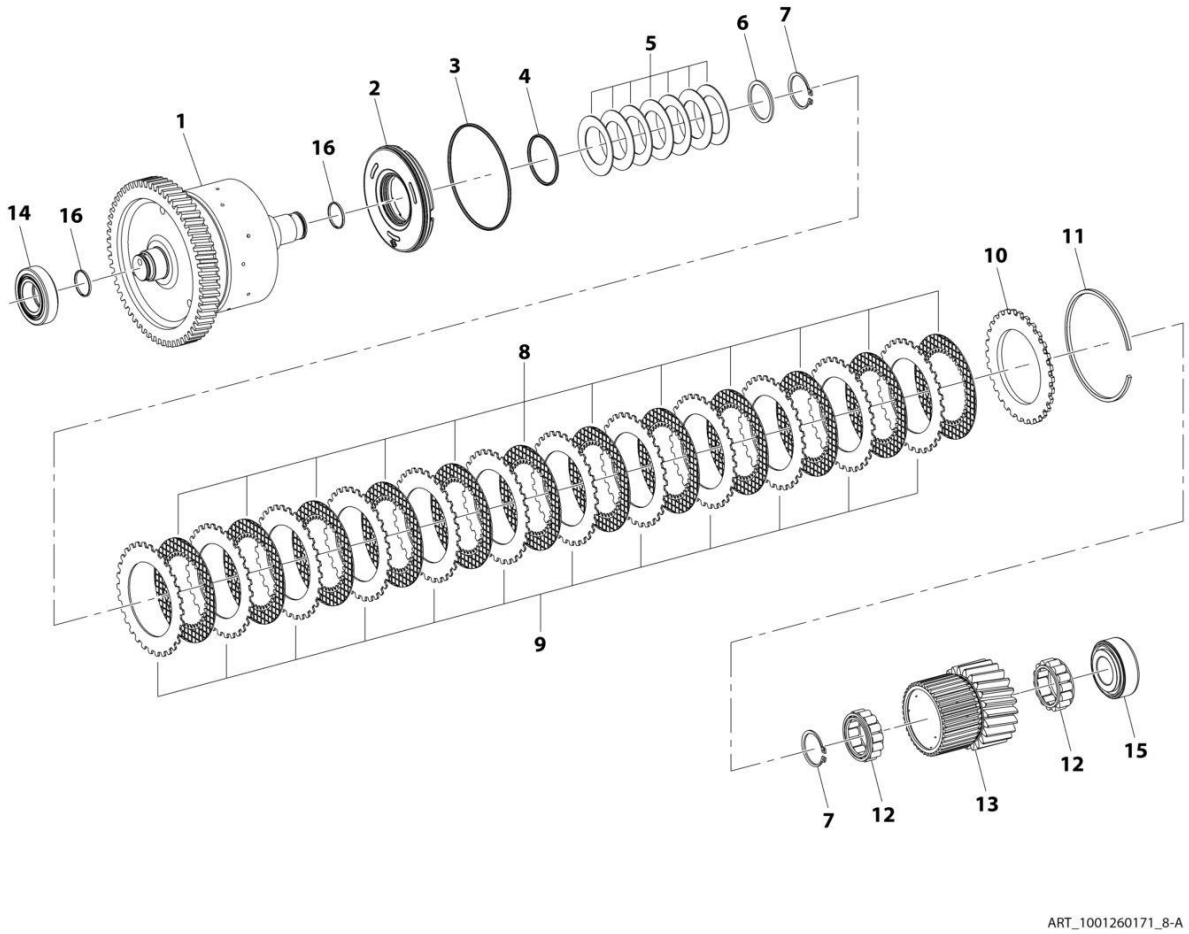


FIGURE 5-11. TRANSMISSION, COUPLING GROUP 1

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSMISSION, COUPLING GROUP 1	A
1	70026530	1	Coupling	
2	1319613	1	Coupling	
3	1319594	1	O-Ring, 115 X 3	
4	1319593	1	O-Ring, 52 X 3	
5	1319595	7	Cup Spring	
6	70029526	1	Shim	
7	10731845	2	Retaining Ring	
8	7026758	12	Inner Clutch Disk	
9	7026759	12	Static Disc	
10	7026760	1	End Shim	
11	70026529	1	Snap Ring, 2.50	
	7029852	1	Snap Ring, 2.75	
	1319602	1	Snap Ring, 3.00	
	70026529	1	Snap Ring, 3.25	
	1319601	1	Snap Ring, 3.50	
	7029850	2	Snap Ring, 3.75	
	1319600	1	Snap Ring, 4.00	
17	7027265	1	Roller Cage	
	70024902	1	Washer, Roller Cage	
18	7027265	1	Roller Gage Assembly	
19	1319608	1	Bearing, Tapered Roller	
20	8036190	1	Roller Bearing Assembly	
21	7026761	2	Ring, Piston	

FIGURE 5-12. TRANSMISSION, COUPLING GROUP 2

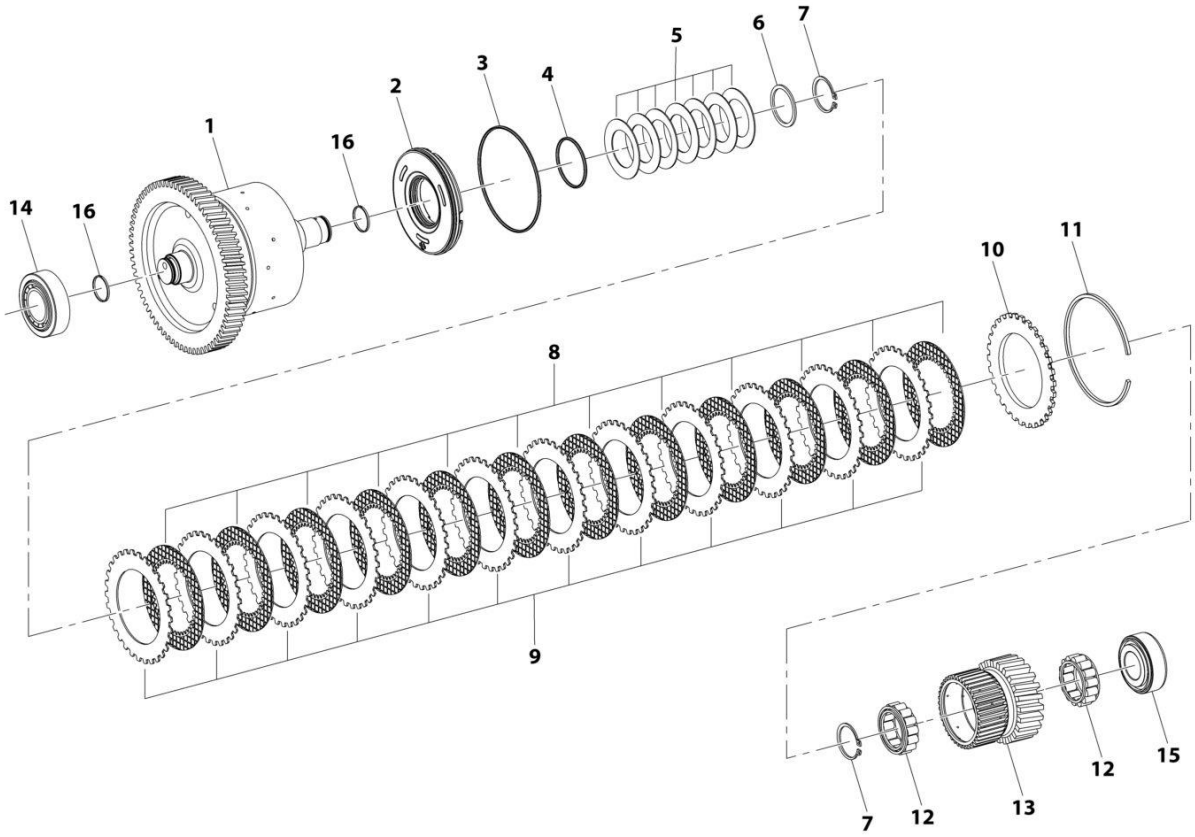


FIGURE 5-12. TRANSMISSION, COUPLING GROUP 2

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSMISSION, COUPLING GROUP 2	A
1	70026535	1	Coupling	
2	70022075	1	Piston	
3	1319594	1	O-Ring, 115 X 3	
4	1319593	1	O-Ring, 52 X 3	
5	1319595	7	Spring, Cup	
6	70029526	1	Shim	
7	10731845	2	Retaining Ring	
8	7026758	8	Inner Clutch Disk	
9	7026759	8	Outer Clutch Disk	
10	7026760	1	End Shim	
11	70026529	1	Snap Ring, 2.50	
	7029852	1	Snap Ring, 2.75	
	1319602	1	Snap Ring, 3.00	
	7029849	1	Snap Ring, 3.25	
	1319601	1	Snap Ring, 3.50	
	7029850	1	Snap Ring, 3.75	
	1319600	1	Snap Ring, 4.00	
12	1319606	1	Roller Cage	
	7027265	1	Roller Cage	
13	1319614	1	Carrier, Disc	
14	1319615	1	Roller Bearing	
15	8036190	1	Bearing, Tapered Roller	
16	7026761	2	Piston Ring	

FIGURE 5-13. TRANSMISSION, COUPLING GROUP 3

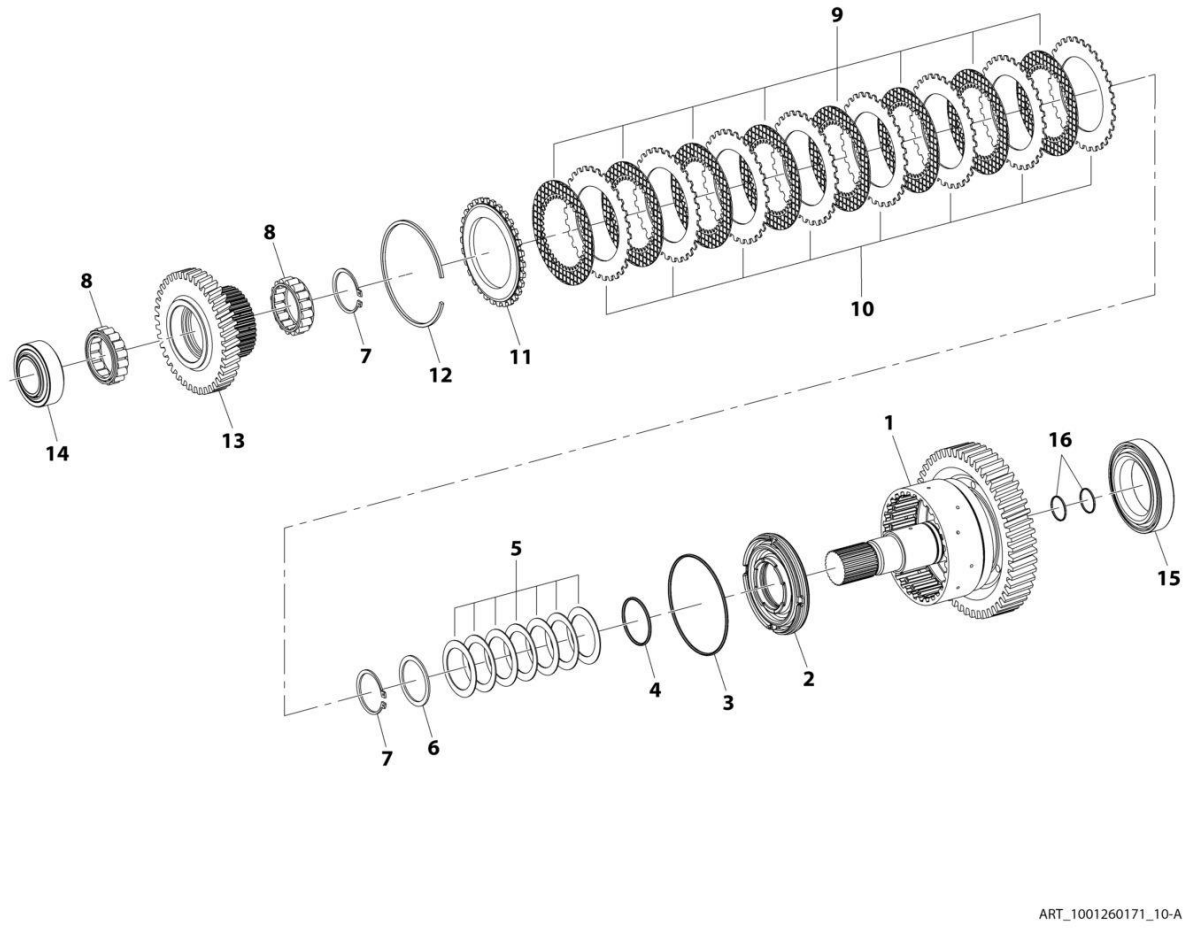


FIGURE 5-13. TRANSMISSION, COUPLING GROUP 3

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSMISSION, COUPLING GROUP 3	A
1	70026532	1	Coupling	
2	70022075	1	Piston	
3	1319594	1	O-Ring, 115 X 3	
4	1319593	1	O-Ring, 52 X 3	
5	7026765	7	Spring, Cup	
6	7026766	1	Washer	
7	80304227	2	Retaining Ring	
8	70021227	1	Ring	
	70021228	1	Roller Cage	
9	7026758	8	Inner Clutch Disk	
10	7026759	8	Outer Clutch Disk	
11	7026760	1	End Shim	
12	70026529	1	Snap Ring, 2.50	
	7029852	1	Snap Ring, 2.75	
	1319602	1	Snap Ring, 3.00	
	7029849	1	Snap Ring, 3.25	
	1319601	1	Snap Ring, 3.50	
	7029850	1	Snap Ring, 3.75	
	1319600	1	Snap Ring, 4.00	
13	7027267	1	Carrier, Disc	
14	70021268	1	Outer Bearing Ring	
	70021269	1	Inner Bearing Ring	
15	7026769	1	Bearing, Roller	
16	7026761	2	Ring, Piston	

FIGURE 5-14. TRANSMISSION, COUPLING GROUP 4

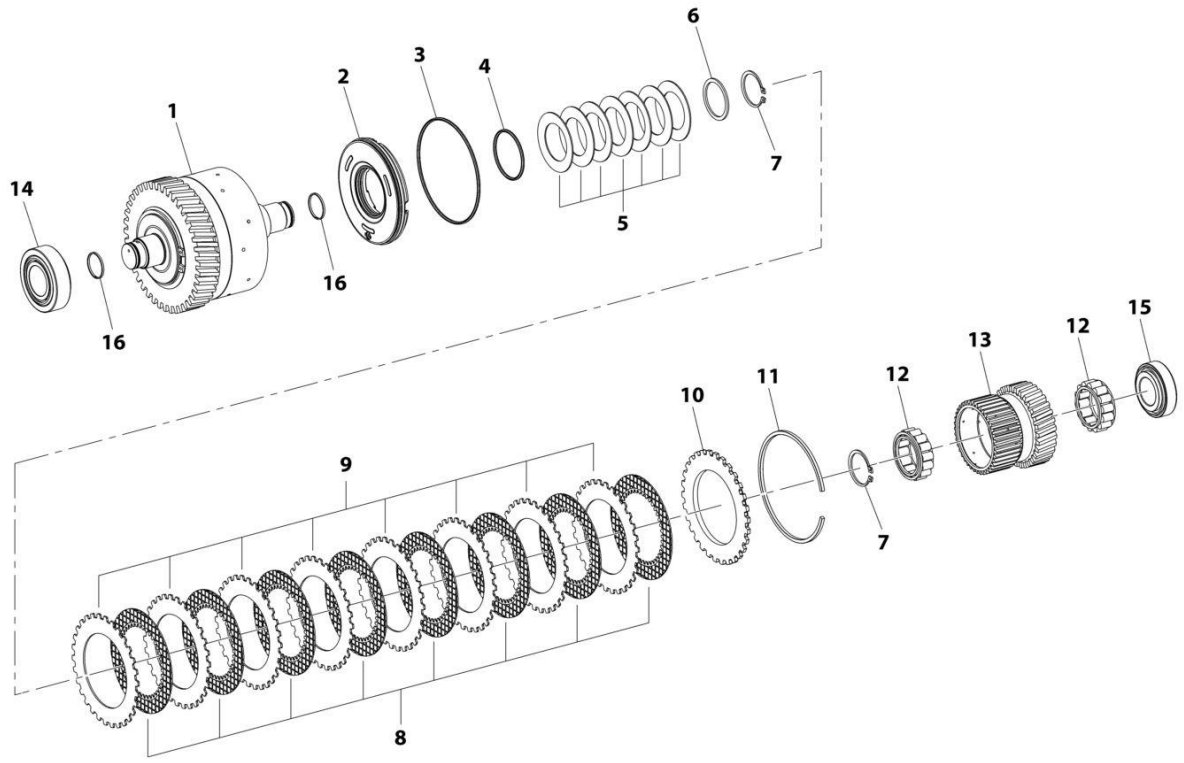
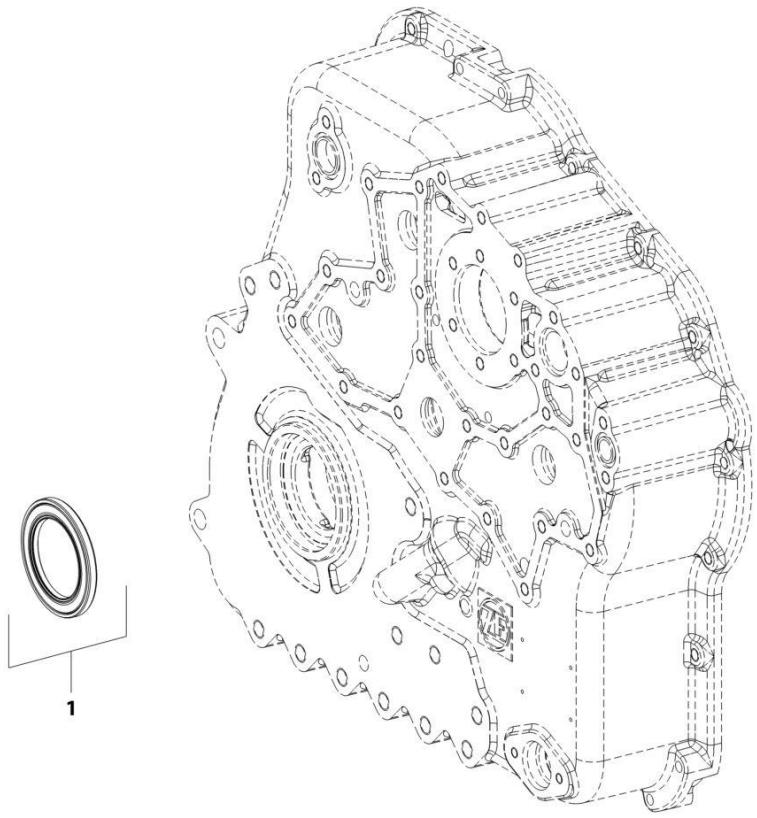


FIGURE 5-14. TRANSMISSION, COUPLING GROUP 4

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSMISSION, COUPLING GROUP 4	A
1	70026535	1	Coupling	
2	70022075	1	Piston	
3	1319594	1	O-Ring, 115 X 3	
4	1319593	1	O-Ring, 52 X 3	
5	1319595	7	Spring, Cup	
6	70029526	1	Shim	
7	10731845	2	Ring, Retaining	
8	7026758	8	Inner Clutch Disk	
9	7026759	8	Outer Clutch Disk	
10	7026760	1	End Shim	
11	70026529	1	Snap Ring, 2.50	
	7029852	1	Snap Ring, 2.75	
	1319602	1	Snap Ring, 3.00	
	7029849	1	Snap Ring, 3.25	
	1319601	1	Snap Ring, 3.50	
	7029850	1	Snap Ring, 3.75	
	1319600	1	Snap Ring, 4.00	
12	1319606	1	Cage, Roller	
	70024902	1	Washer, Roller Cage	
13	1319635	1	Carrier, Disc	
14	1319615	1	Bearing, Roller	
15	1319636	1	Bearing, Roller	
16	7026761	2	Ring, Piston	

FIGURE 5-15. TRANSMISSION, OUTPUT



ART_1001260171_12-A

FIGURE 5-15. TRANSMISSION, OUTPUT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSMISSION, OUTPUT	A
1	70026536	1	Shaft Seal	

FIGURE 5-16. TRANSMISSION, POWER TAKE-OFF

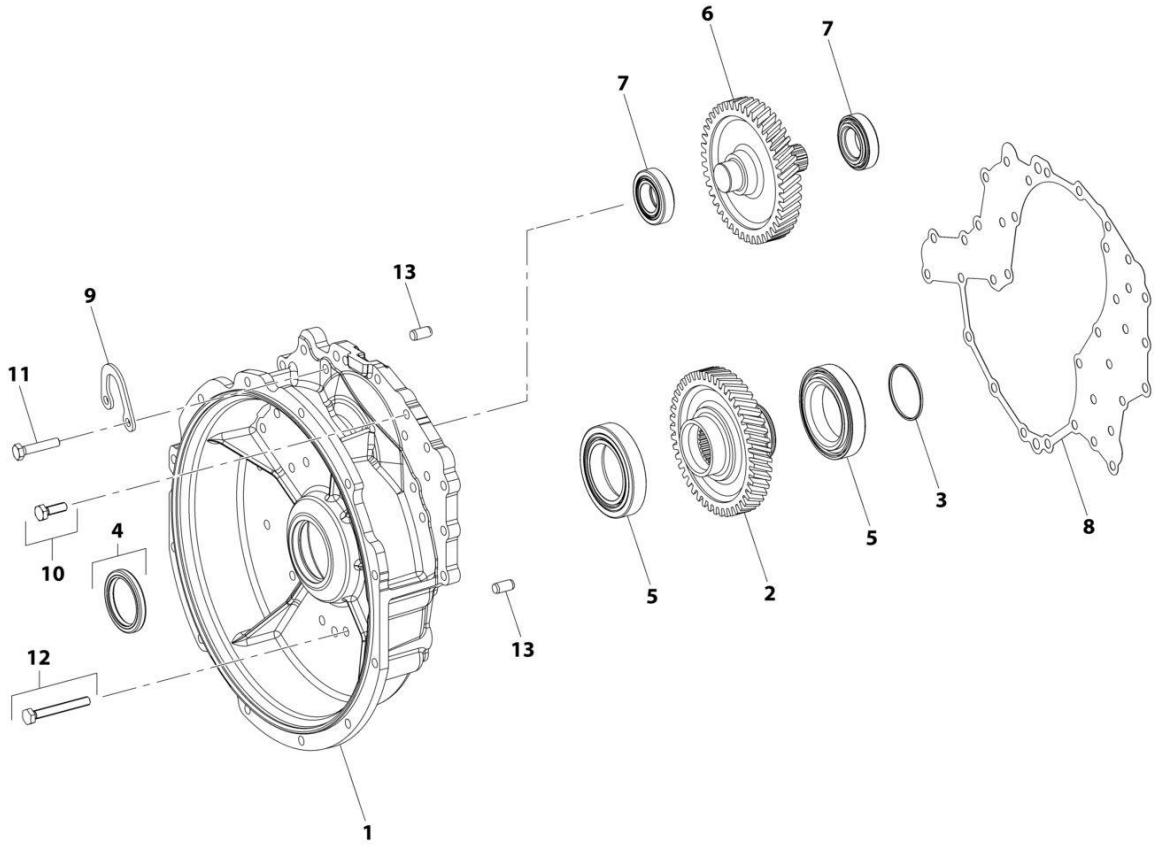
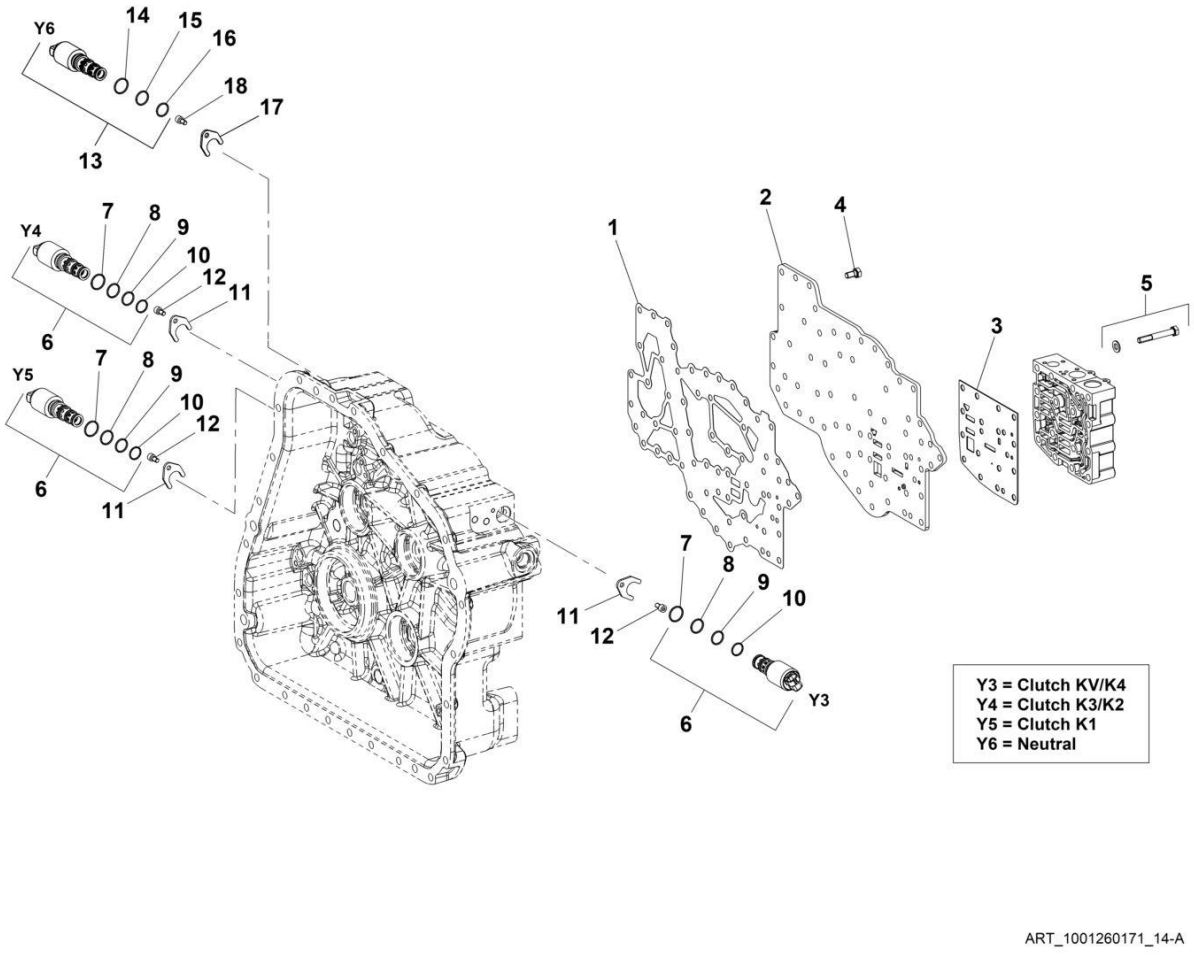


FIGURE 5-16. TRANSMISSION, POWER TAKE-OFF

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSMISSION, POWER TAKE-OFF	A
1	70021526	1	PTO Housing	
2	7026771	1	Shaft	
3	7026772	1	Ring, Piston	
4	1319576	1	Shaft Seal	
5	7026769	2	Roller Bearing	
6	7026773	1	Shaft	
7	1319608	2	Bearing, Roller	
8	7026774	1	Gasket	
9	1319590	1	Bracket	
10	70027651	19	Bolt	
11	70029527	2	Bolt	
12	7026775	15	Screw	
13	1319571	2	Pin, Cylindrical	

FIGURE 5-17. TRANSMISSION, CONTROL UNIT



ART_1001260171_14-A

FIGURE 5-17. TRANSMISSION, CONTROL UNIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSMISSION, CONTROL UNIT	A
1	7026776	1	Gasket	
2	70029528	1	Plate	
3	70026539	1	Intermediate Sheet	
4	7026780	46	Screw	
5	7026781	16	Screw	
5	10732095	16	Washer	
6	8036529	3	Valve, Solenoid	
7	70029540	1	O-Ring	
8	70029541	1	O-Ring	
9	70029542	1	O-Ring	
10	70029543	1	O-Ring	
11	7029267	3	Bracket	
12	70026544	3	Bolt	
13	8036528	1	Valve, Solenoid	
14	70029540	1	O-Ring	
15	70029541	1	O-Ring	
16	70029530	1	O-Ring	
17	7029267	1	Bracket	
18	70026544	1	Bolt	

FIGURE 5-18. TRANSMISSION, SHIFT SYSTEM

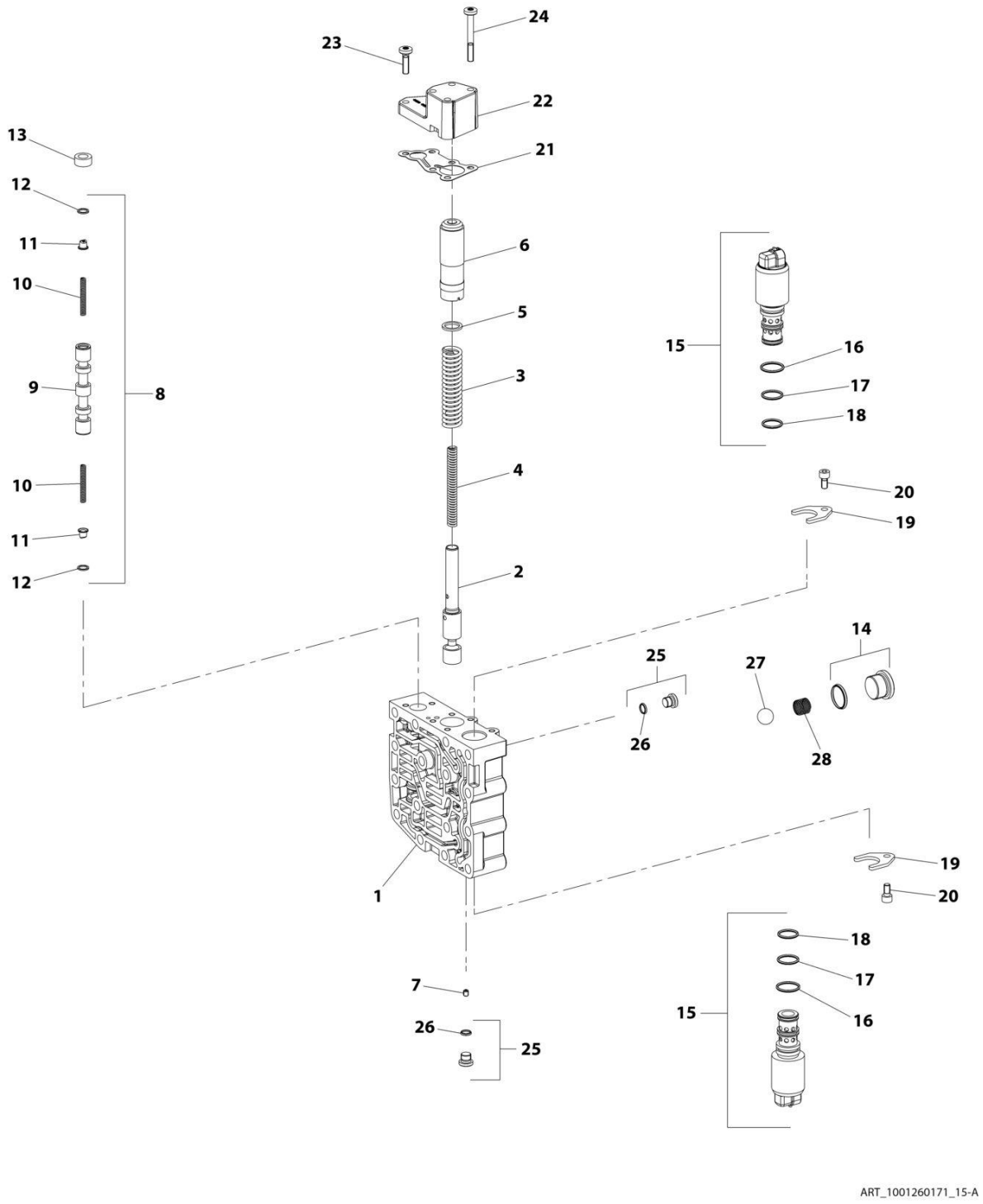


FIGURE 5-18. TRANSMISSION, SHIFT SYSTEM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSMISSION, SHIFT SYSTEM	A
1	70029531	1	Valve Housing	
2	70026547	1	Control Piston	
3	1319683	1	Spring, Compression	
4	1319684	1	Spring, Compression	
5	1319689	1	Washer, 0.20	
	1319688	1	Washer, 0.30	
	1319687	1	Washer, 0.50	
	1319685	1	Washer, 2.00	
	1319686	1	Washer, 1.00	
6	70026548	1	Piston	
7	70029532	1	Nozzle	
8	1319694	1	Valve	
9	70029533	1	Piston	
10	70029534	2	Compression Spring	
11	70029535	2	Spring Sleeve	
12	70029536	2	Snap Ring	
13	7026787	1	Spacer	
14	70026554	1	Screw Plug	
	70000656	1	O-Ring	
15	8036528	2	Valve, Solenoid	
16	70029540	1	O-Ring	
17	70029541	1	O-Ring	
18	70029530	1	O-Ring	
19	7029267	2	Bracket	
20	70026544	2	Bolt	
21	7026788	1	Gasket	
22	7026789	1	Cover	
23	70026555	2	Torx Screw	
24	70026556	4	Torx Screw	
25	70026517	2	Screw Plug	
26	10731709	1	O-Ring	
27	70029537	1	Ball	
28	10732072	1	Spring, Compression	

FIGURE 5-19. TRANSMISSION, PRESSURE REGULATOR

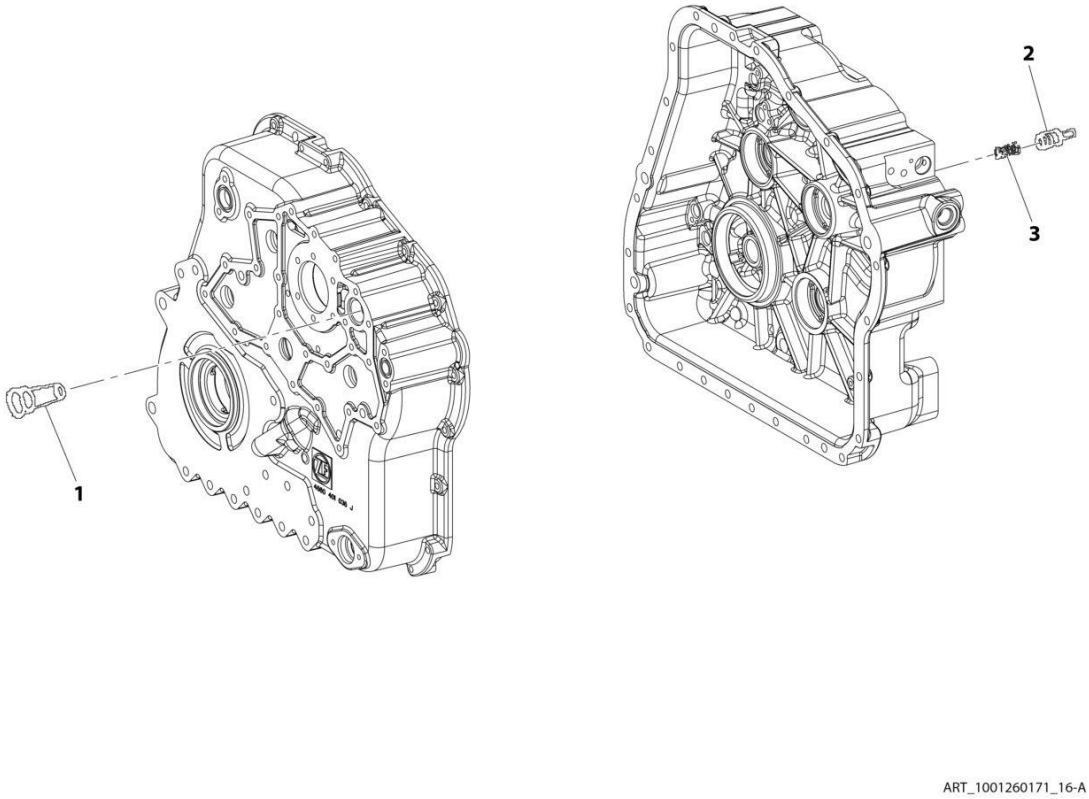


FIGURE 5-19. TRANSMISSION, PRESSURE REGULATOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSMISSION, PRESSURE REGULATOR	A
1	7026782	1	Valve	
2	7026783	1	Piston	
3	7026784	1	Spring, Compression	

FIGURE 5-20. TRANSMISSION, PRESSURE OIL PUMP

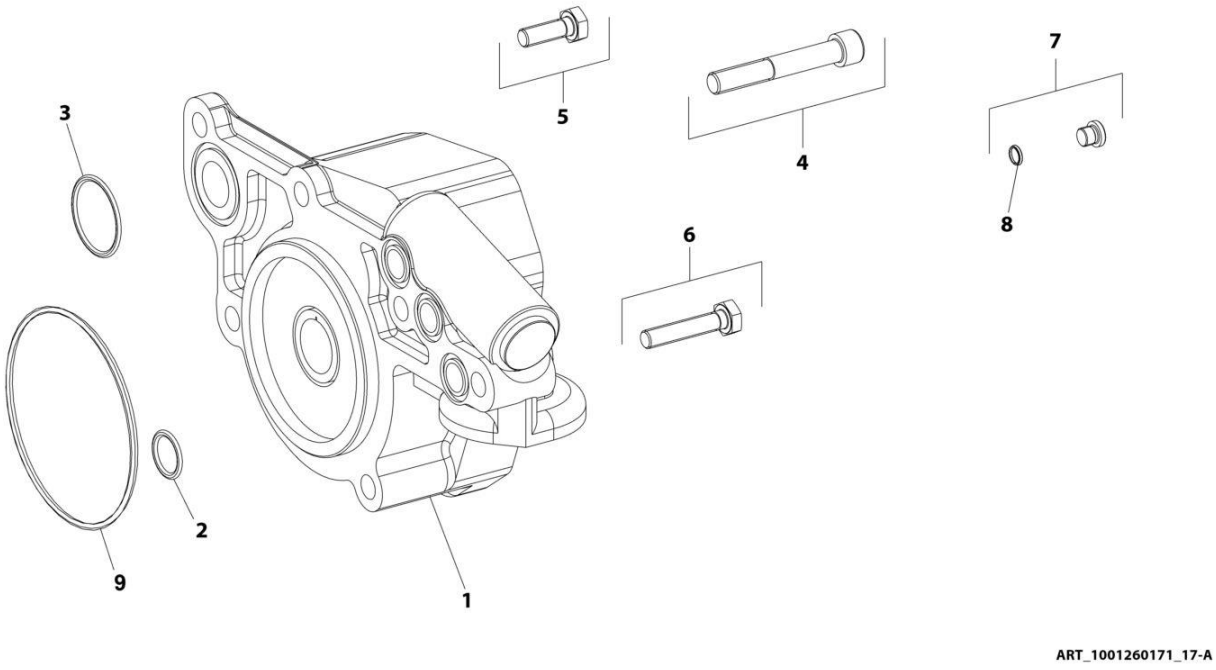
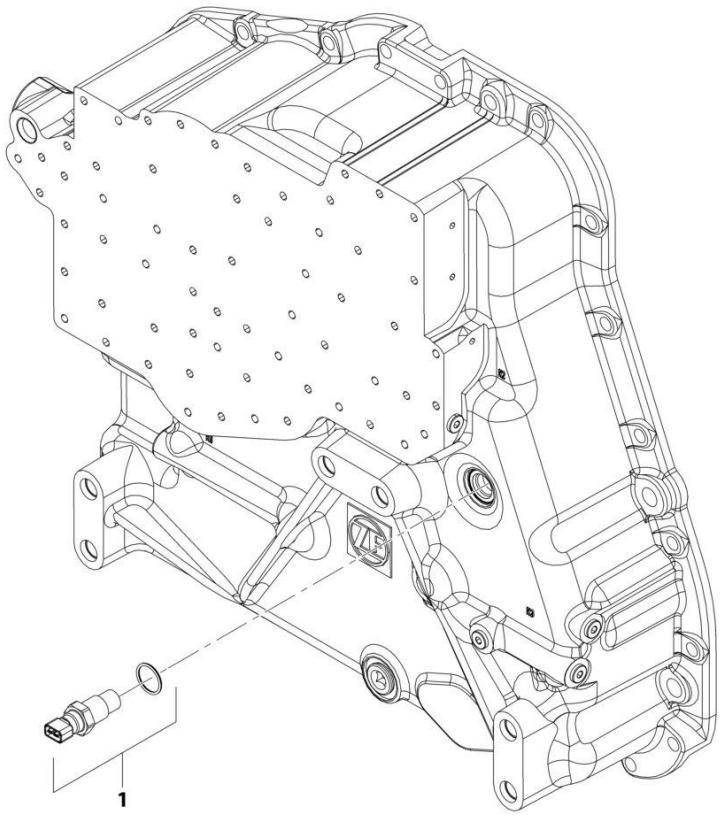


FIGURE 5-20. TRANSMISSION, PRESSURE OIL PUMP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSMISSION, PRESSURE OIL PUMP	A
1	7026791	1	Pump	
2	7026792	3	O-Ring	
3	70029538	1	O-Ring	
4	7026793	4	Screw	
5	70027651	1	Screw	
6	7026794	1	Screw	
7	70026517	2	Screw Plug	
8	10731709	2	O-Ring	
9	8036250	1	O-Ring (located between oil pump and transmission)	

FIGURE 5-21. TRANSMISSION, INDUCTIVE TRANSMITTER

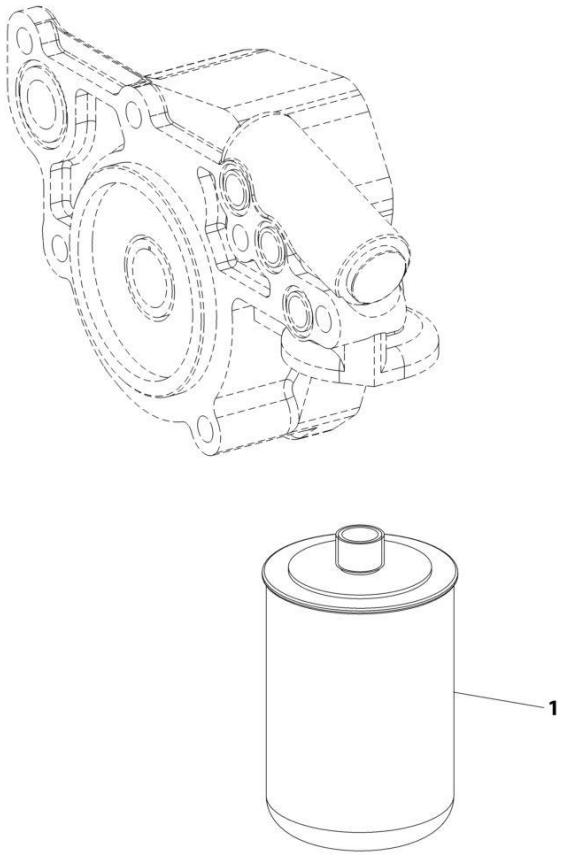


ART_1001260171_18-A

FIGURE 5-21. TRANSMISSION, INDUCTIVE TRANSMITTER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSMISSION, INDUCTIVE TRANSMITTER	A
1	1001190881	1	Inductive Sensor	
1	70029539	1	O-Ring	

FIGURE 5-22. TRANSMISSION, FILTER

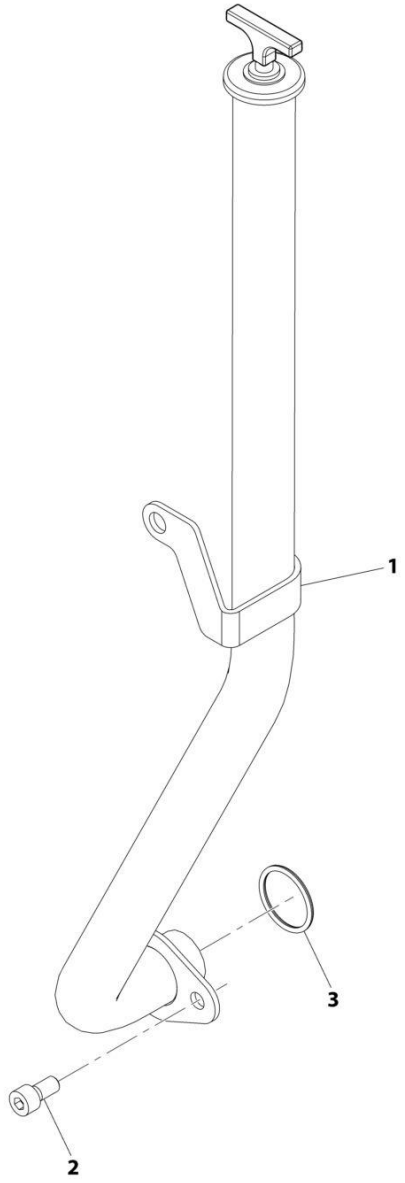


ART_1001260171_19-A

FIGURE 5-22. TRANSMISSION, FILTER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSMISSION, FILTER	A
1	1319726	1	Filter	

FIGURE 5-23. TRANSMISSION, OIL DIPSTICK

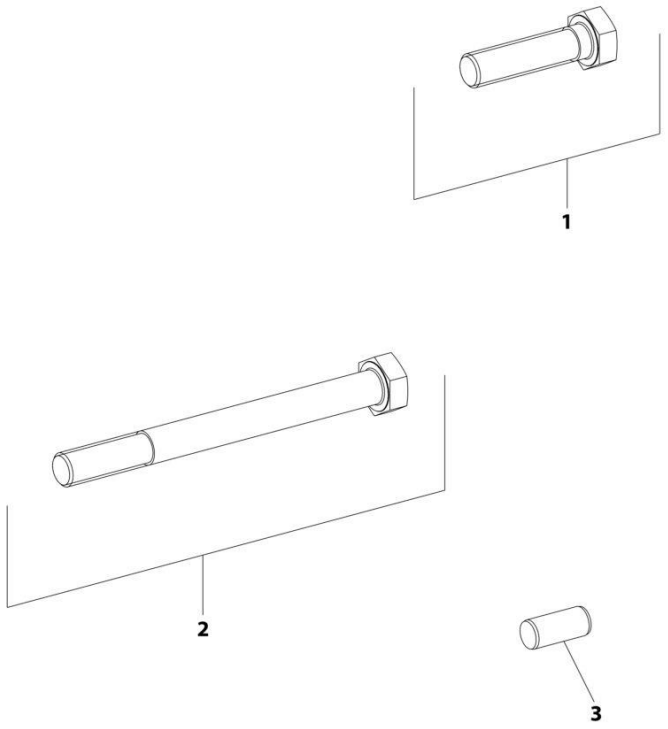


ART_1001260171_20-A

FIGURE 5-23. TRANSMISSION, OIL DIPSTICK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSMISSION, OIL DIPSTICK	A
1	1001095738	1	Oil Tube & Dipstick	
2	70026516	2	Bolt	
3	70023885	1	O-Ring	

FIGURE 5-24. TRANSMISSION, ACCESSORIES



ART_1001260171_21-A

FIGURE 5-24. TRANSMISSION, ACCESSORIES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSMISSION, ACCESSORIES	A
1	7027254	12	Screw	
2	7027255	2	Screw	
3	1319571	1	Pin, Cylindrical	

FIGURE 5-25. TRANSMISSION, TRANSFER BOX HOUSING 1

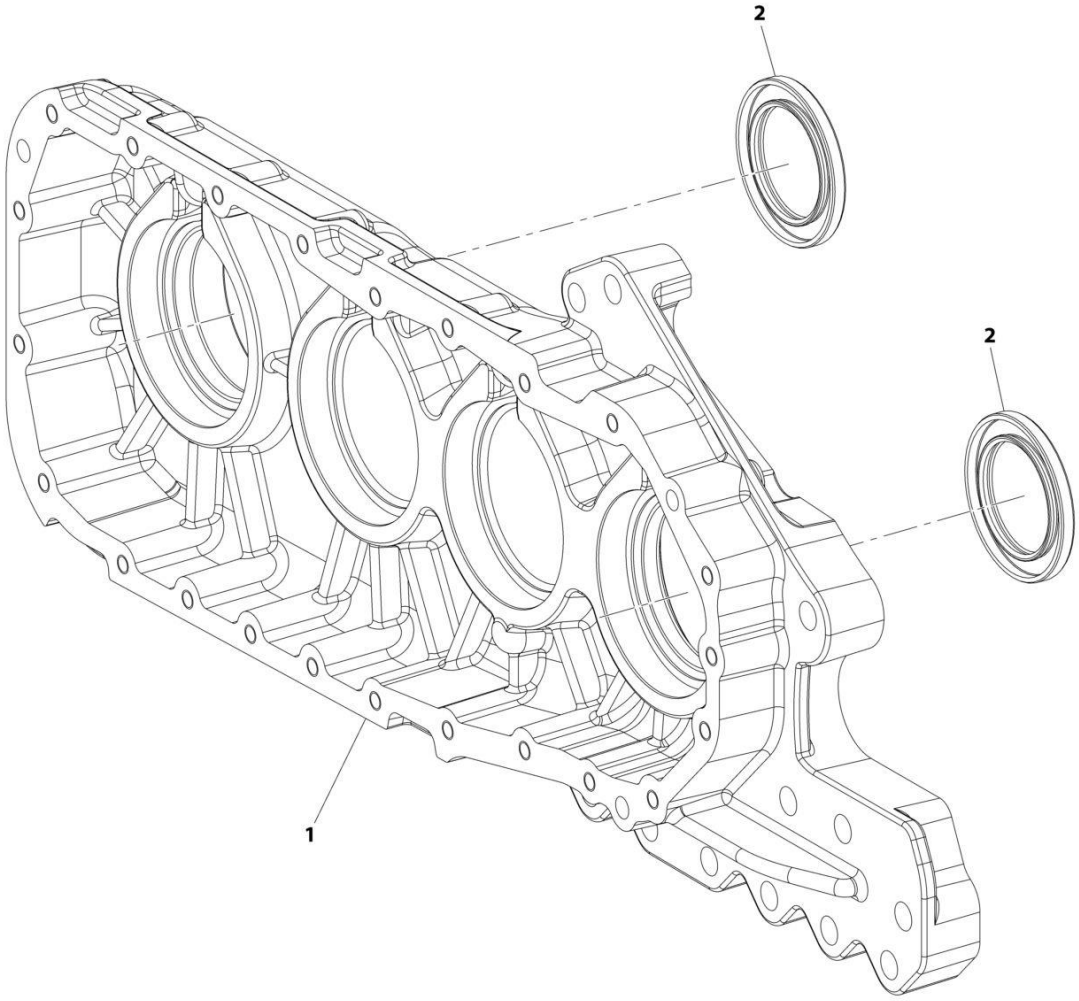


FIGURE 5-25. TRANSMISSION, TRANSFER BOX HOUSING 1

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSMISSION, TRANSFER BOX HOUSING 1	A
1	70023474	1	Housing, Transfer Box	
2	70026536	2	Shaft Seal	

FIGURE 5-26. TRANSMISSION, TRANSFER BOX HOUSING 2

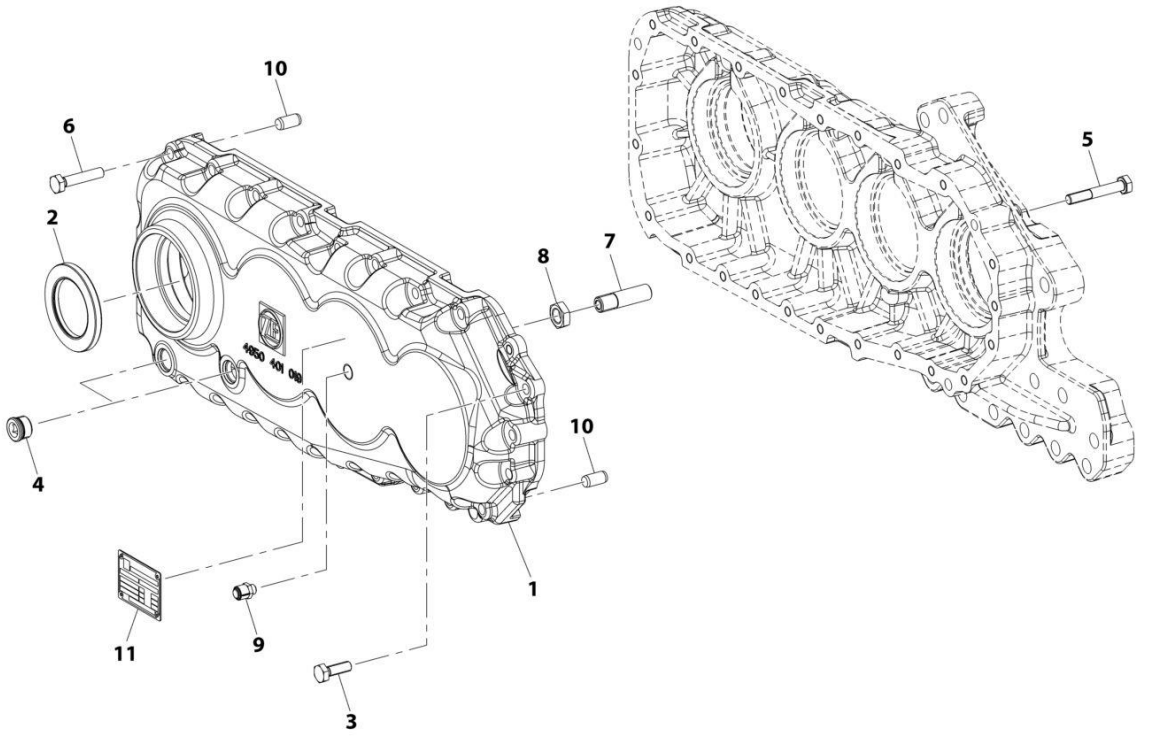
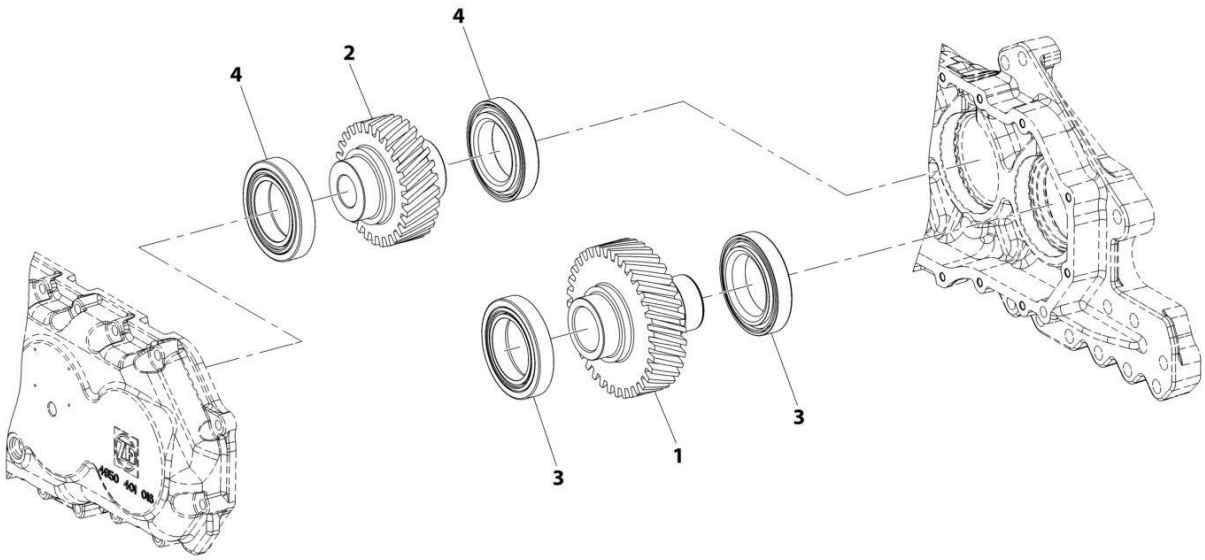


FIGURE 5-26. TRANSMISSION, TRANSFER BOX HOUSING 2

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSMISSION, TRANSFER BOX HOUSING 2	A
1	70028163	1	Housing, Transfer Box	
2	70026536	1	Shaft Seal	
3	70023800	1	Bolt	
4	70029525	2	Plug, Screw	
5	70023476	1	Bolt	
6	70023801	22	Bolt	
7	7026577	1	Sleeve	
8	7026578	1	Nut	
9	1319436	1	Breather	
10	1319571	2	Pin	
11	N.S.S.	1	S/N Plate	

FIGURE 5-27. TRANSMISSION, TRANSFER BOX HOUSING INPUT

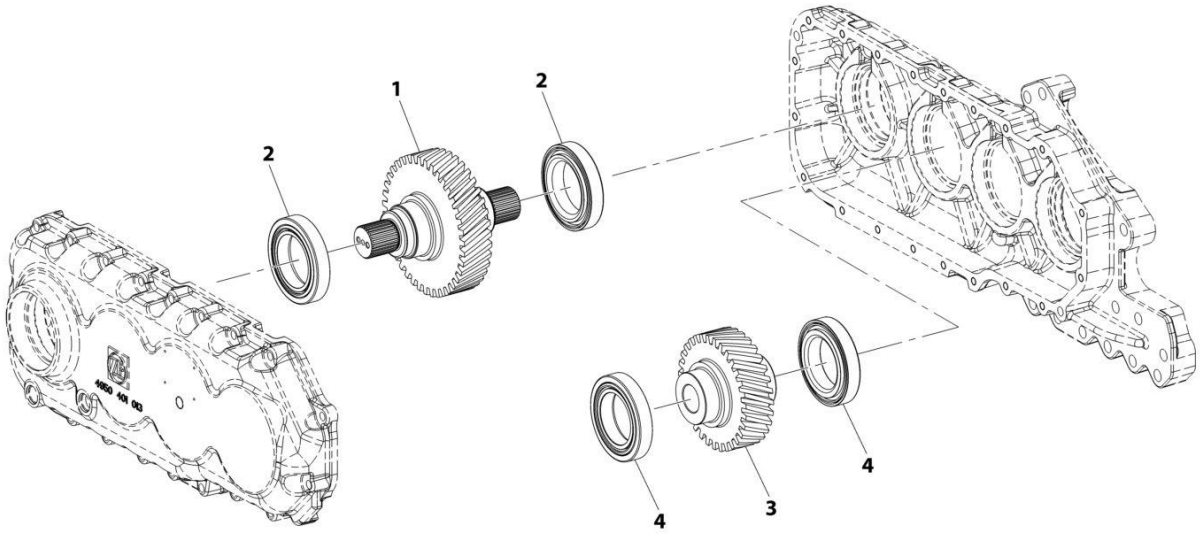


ART_1001260171_24-A

FIGURE 5-27. TRANSMISSION, TRANSFER BOX HOUSING INPUT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSMISSION, TRANSFER BOX INPUT	A
1	7027269	1	Input Gear	
2	7027270	1	Idler Gear	
3	7026769	2	Bearing	
4	7026796	2	Taper Roller Bearing Assembly	

FIGURE 5-28. TRANSMISSION, TRANSFER BOX HOUSING OUTPUT 1

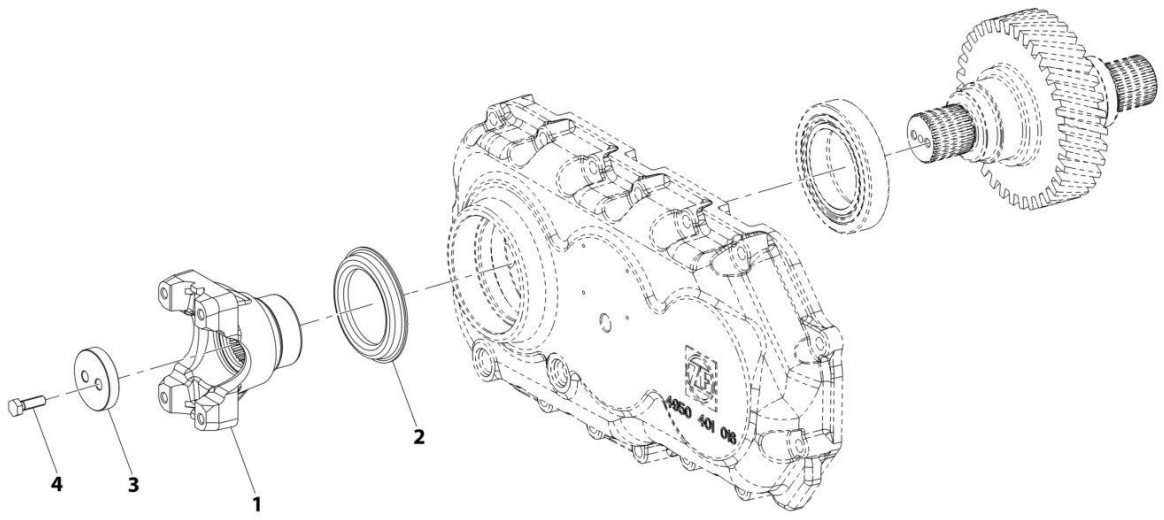


ART_1001260171_25-A

FIGURE 5-28. TRANSMISSION, TRANSFER BOX HOUSING OUTPUT 1

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSFER BOX HOUSING OUTPUT 1	A
1	7027271	1	Gear, Output	
2	7026769	2	Roller Bearing	
3	7027272	1	Gear, Idler	
4	1320748	2	Cup, Tapered Roller Bearing	
4	1320754	2	Cone, Tapered Roller Bearing	

FIGURE 5-29. TRANSMISSION, TRANSFER BOX HOUSING OUTPUT 2



ART_1001260171_26-A

FIGURE 5-29. TRANSMISSION, TRANSFER BOX HOUSING OUTPUT 2

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260171	Ref	TRANSMISSION, TRANSFER BOX HOUSING OUTPUT 2	A
1	7027273	2	Flange, Output (One Per Side)	
2	1319647	2	Sheet, Screen (One Per Side)	
3	1319648	2	Washer (One Per Side)	
4	10731959	4	Screw (Two Per Side)	

FIGURE 5-30. DRIVE SHAFTS INSTALLATION

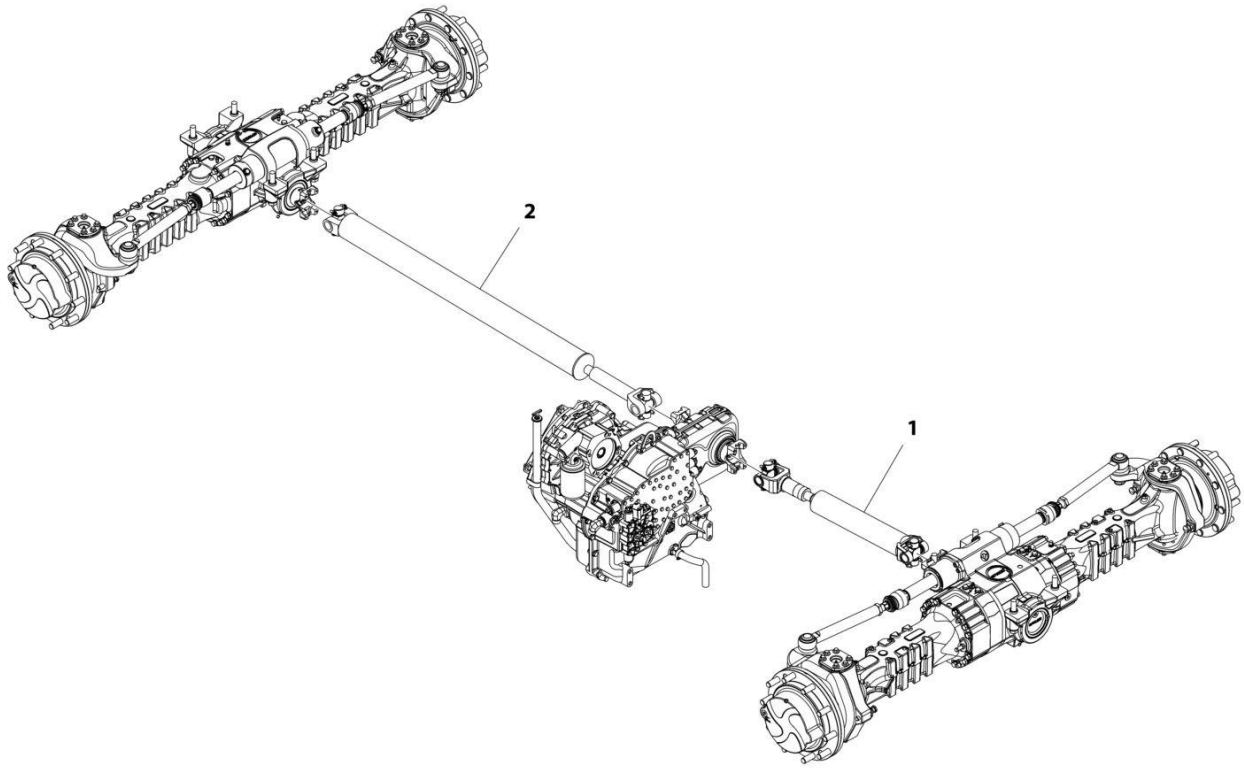


FIGURE 5-30. DRIVE SHAFTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169348	Ref	Drive Shafts Installation	A
1	1001172836	Ref	Installation, Front Drive Shaft (See Separate Breakdown in this Section)	
2	1001169351	Ref	Installation, Rear Drive Shaft (See Separate Breakdown in this Section)	

FIGURE 5-31. FRONT DRIVE SHAFT INSTALLATION

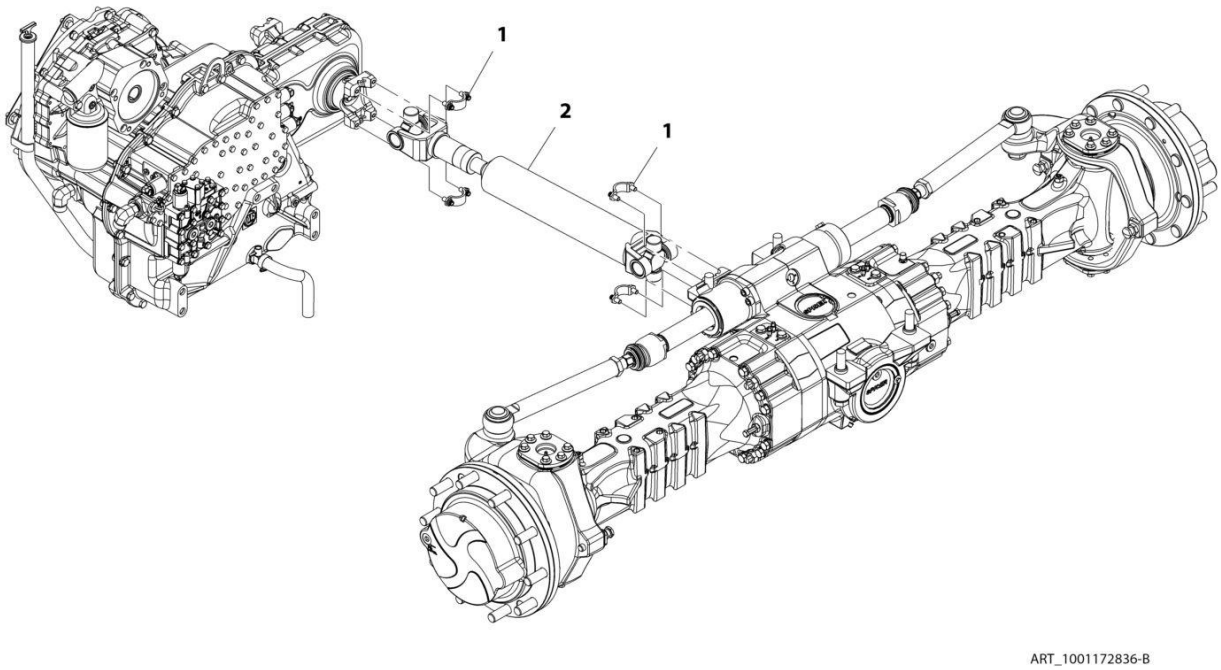


FIGURE 5-31. FRONT DRIVE SHAFT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172836	Ref	Front Drive Shaft Installation	B
1	8880218-OM	2	Kit, Strap	
2	91473151	1	Drive Shaft, Front	

FIGURE 5-32. REAR DRIVE SHAFT INSTALLATION

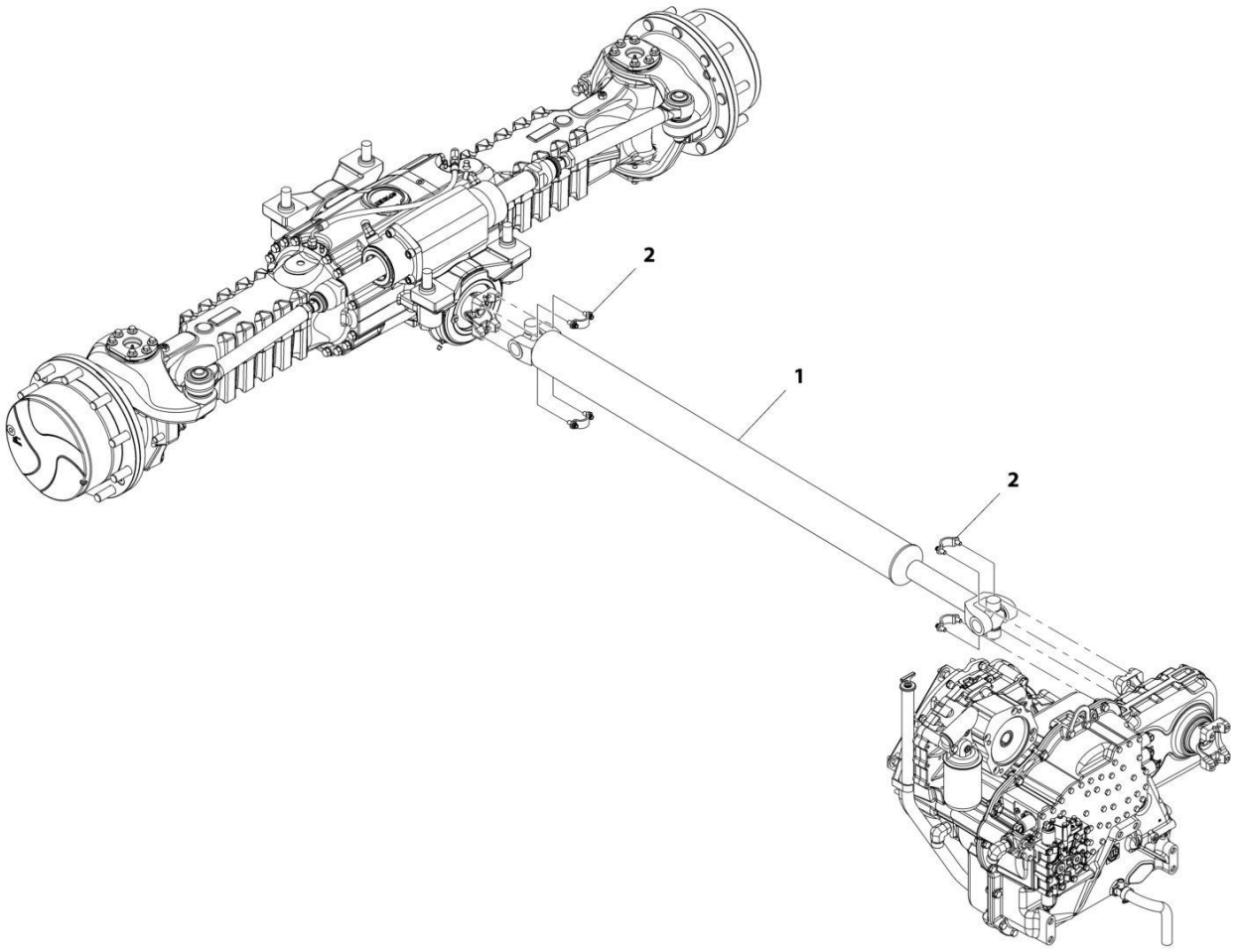


FIGURE 5-32. REAR DRIVE SHAFT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169351	Ref	Rear Drive Shaft Installation	A
1	1001170616	1	Drive Shaft, Rear	
2	8880218-OM	2	Kit, Strap	

FIGURE 5-33. DRIVETRAIN INSTALLATION, 74HP

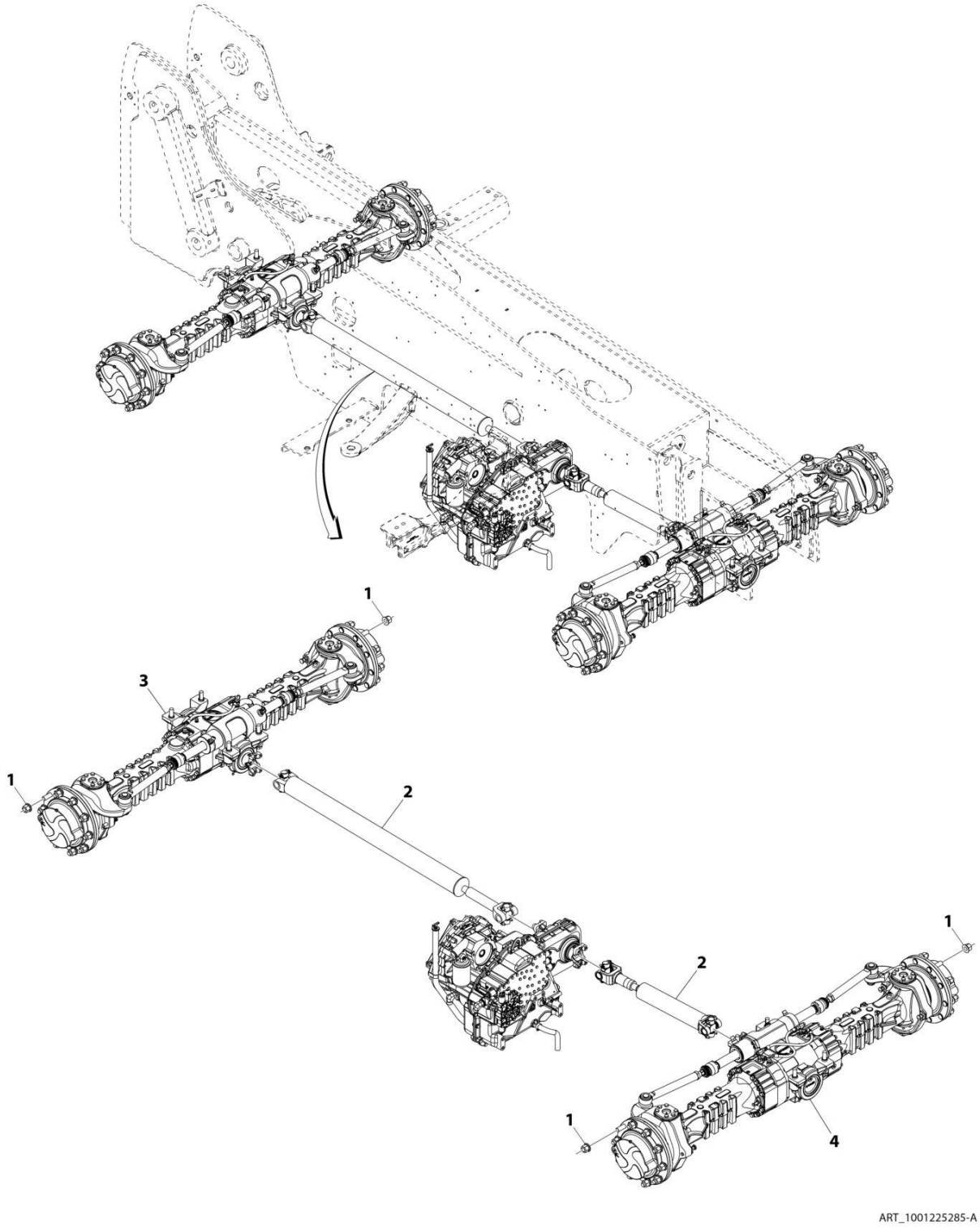


FIGURE 5-33. DRIVETRAIN INSTALLATION, 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225285	Ref	Drivetrain Installation, 74HP	A
1	91403193	40	Nut, Lug M22X1.5	
2	1001169348	Ref	Installation, Drive Shafts (See Separate Breakdown in this Section)	
3	1001225282	Ref	Installation, Rear Axle (See Separate Breakdown in this Section)	
4	1001225284	Ref	Installation, Front Axle (See Separate Breakdown in this Section)	

FIGURE 5-34. DRIVETRAIN INSTALLATION, 110HP

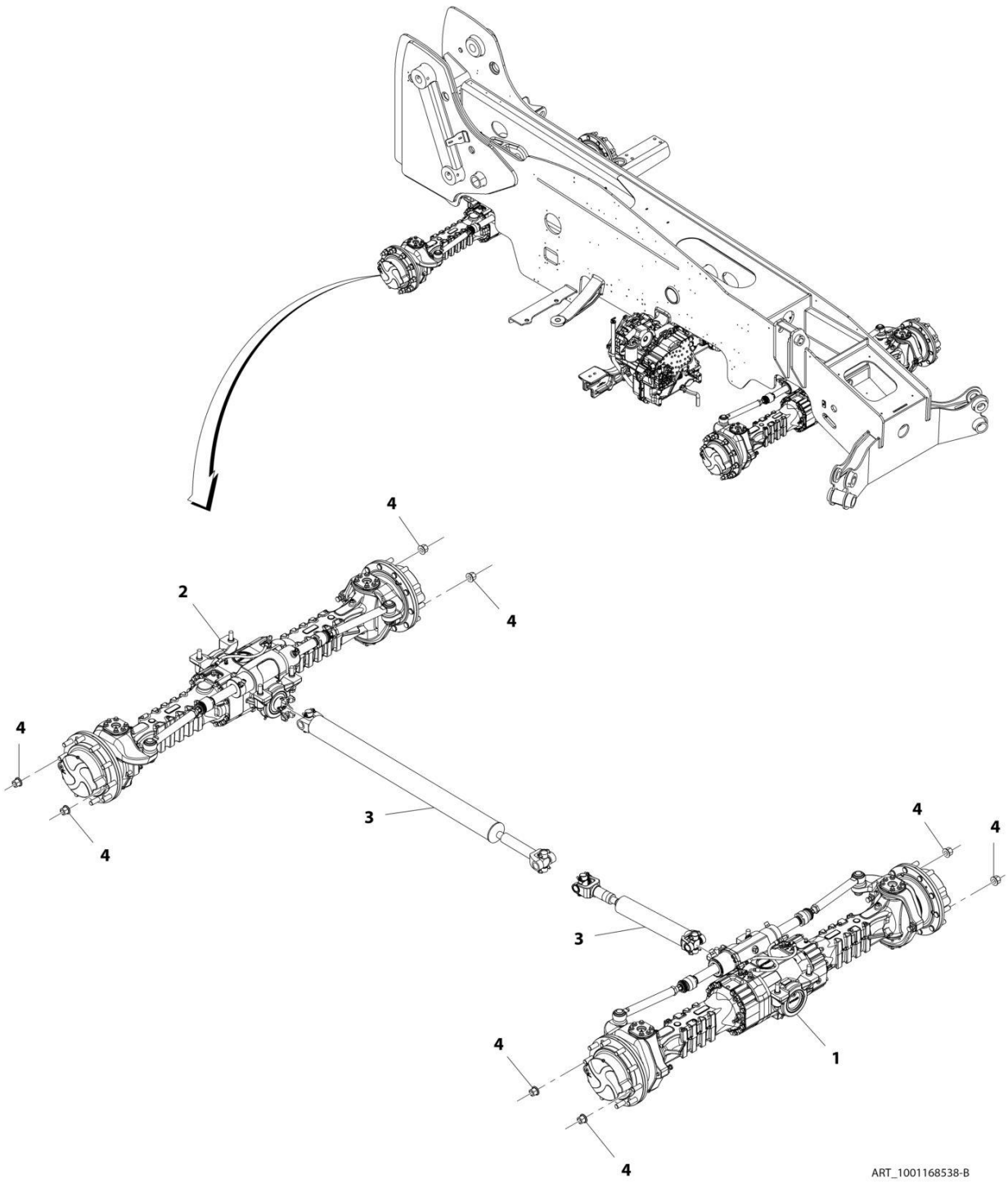
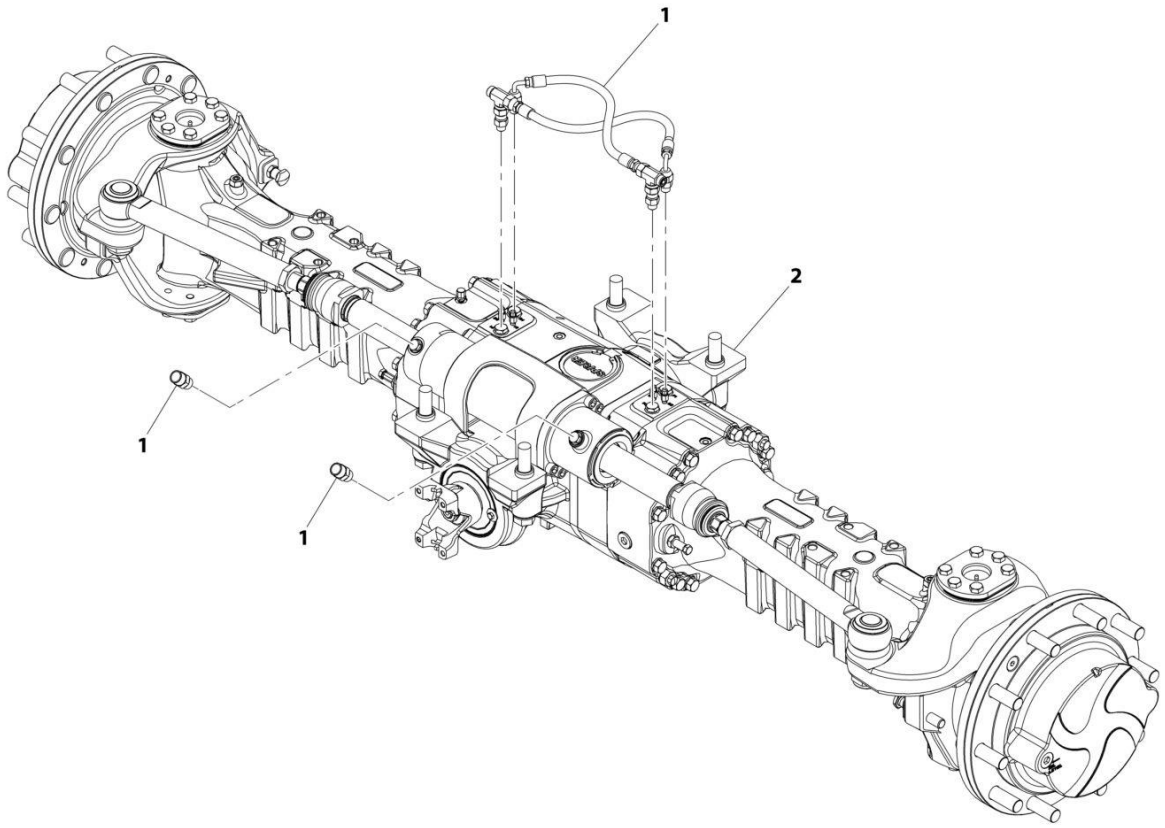


FIGURE 5-34. DRIVETRAIN INSTALLATION, 110HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168538	Ref	Drivetrain Installation	B
1	1001168530	Ref	Installation, Front Axle (See Separate Breakdown in this Section)	
2	1001168537	Ref	Installation, Rear Axle (See Separate Breakdown in this Section)	
3	1001169348	Ref	Installation, Drive Shafts (See Separate Breakdown in this Section)	
4	91403193	40	Nut, Lug M22X1.5	

FIGURE 5-35. FRONT AXLE INSTALLATION, 74HP



ART_1001225284-A

FIGURE 5-35. FRONT AXLE INSTALLATION, 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225284	Ref	Front Axle Installation, 74HP	A
1	1001171860	Ref	Installation, Front Axle Lines (See Separate Breakdown in this Section)	
2	1001225283	Ref	Installation, Front Axle Mounting (See Separate Breakdown in this Section)	

FIGURE 5-36. FRONT AXLE INSTALLATION, 110HP

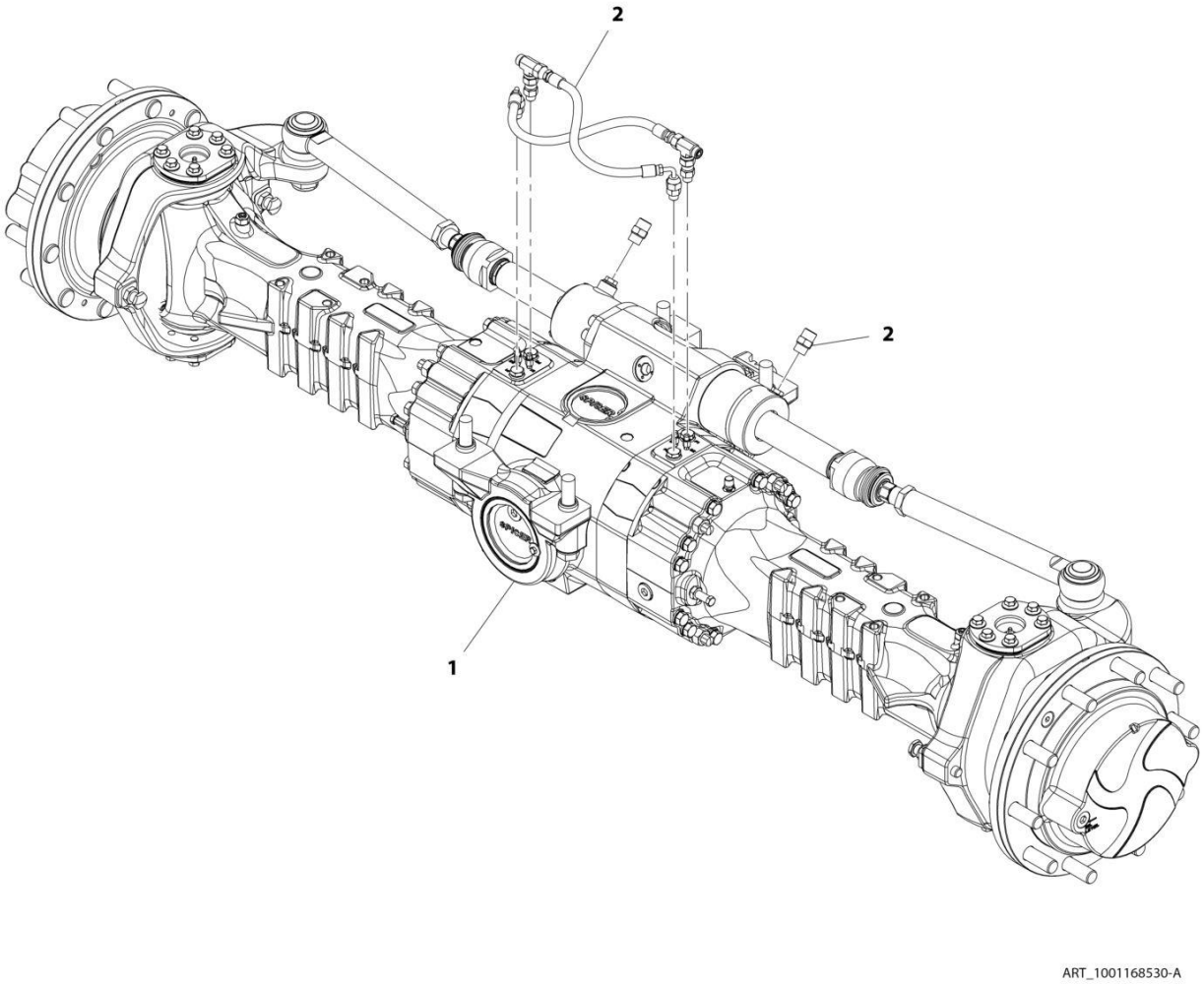


FIGURE 5-36. FRONT AXLE INSTALLATION, 110HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168530	Ref	Front Axle Installation	A
1	1001168529	Ref	Installation, Front Axle Mounting (See Separate Breakdown in this Section)	
2	1001171860	Ref	Installation, Front Axle Lines (See Separate Breakdown in this Section)	

FIGURE 5-37. FONT AXLE LINES INSTALLATION

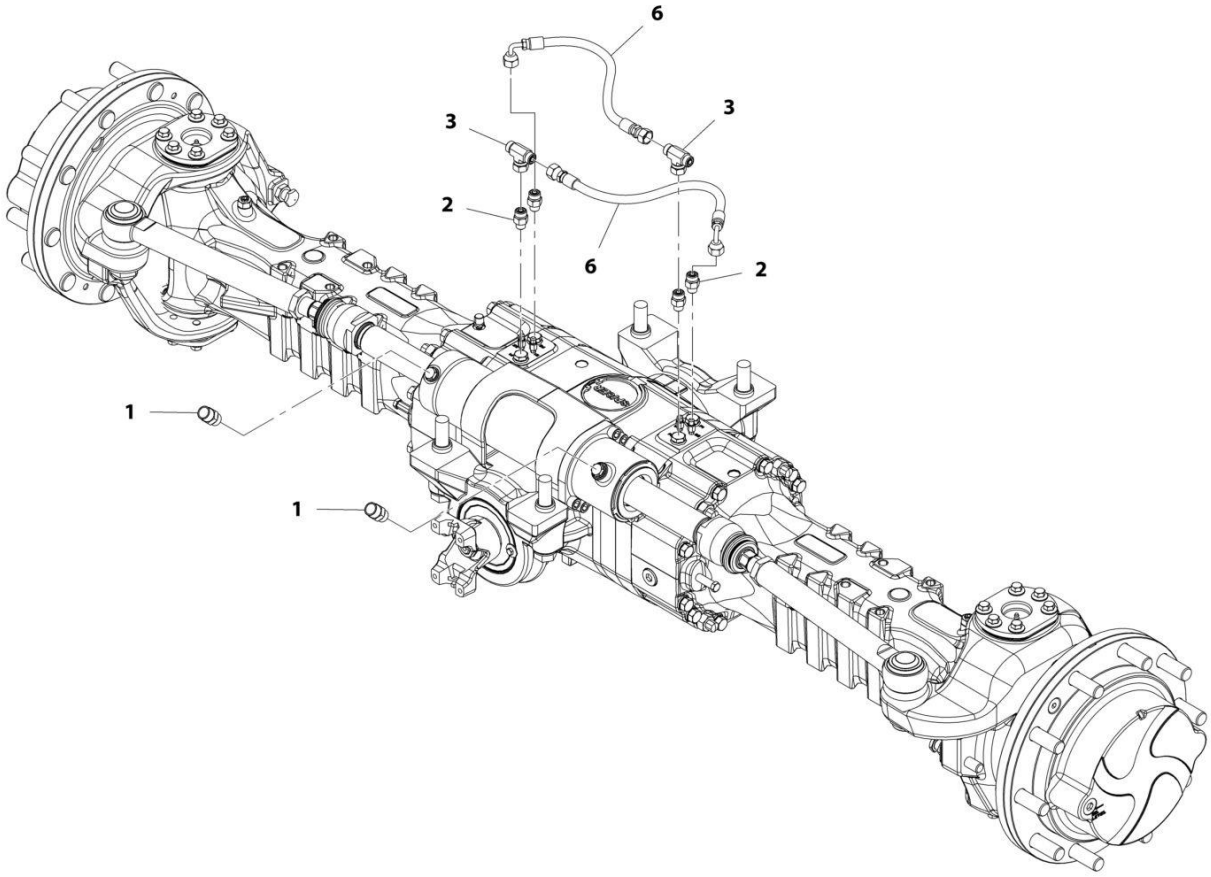


FIGURE 5-37. FONT AXLE LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171860	Ref	Font Axle Lines Installation	D
1	2110808	2	Fitting, Straight ORFS	
2	2144605	4	Fitting, Straight ORFS	
3	2170806	2	Fitting, Tee ORFS	
6	1001139375	2	Hose	

FIGURE 5-38. FRONT AXLE MOUNTING INSTALLATION, 74HP

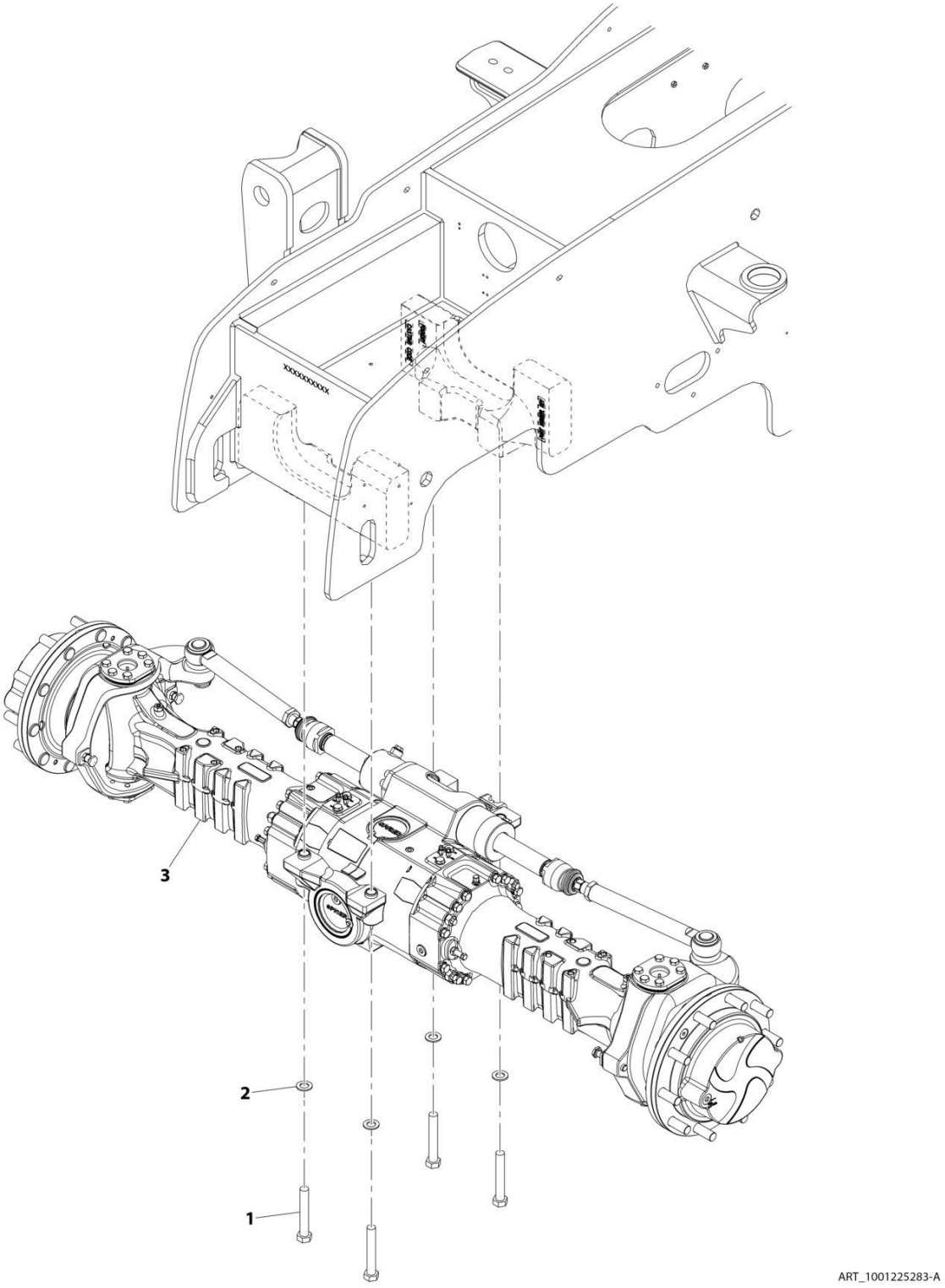


FIGURE 5-38. FRONT AXLE MOUNTING INSTALLATION, 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225283	Ref	Front Axle Mounting Installation, 74HP	A
1	0712030	4	Bolt, M20X130	
2	8310620	4	Washer	
3	1005182600	1	Axle, Front 74HP (See Separate Breakdown in this Section)	

FIGURE 5-39. FRONT AXLE MOUNTING INSTALLATION, 110HP

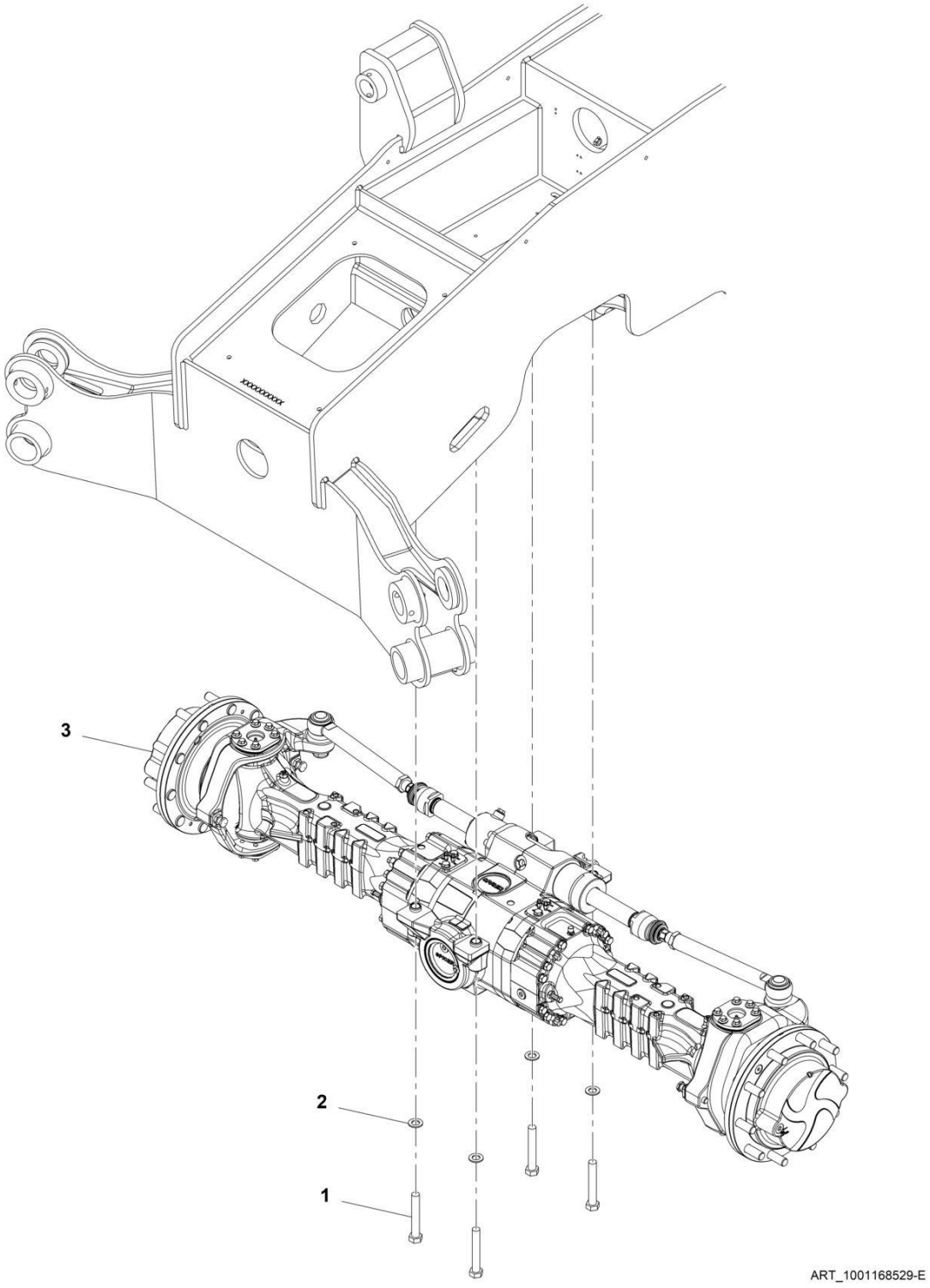
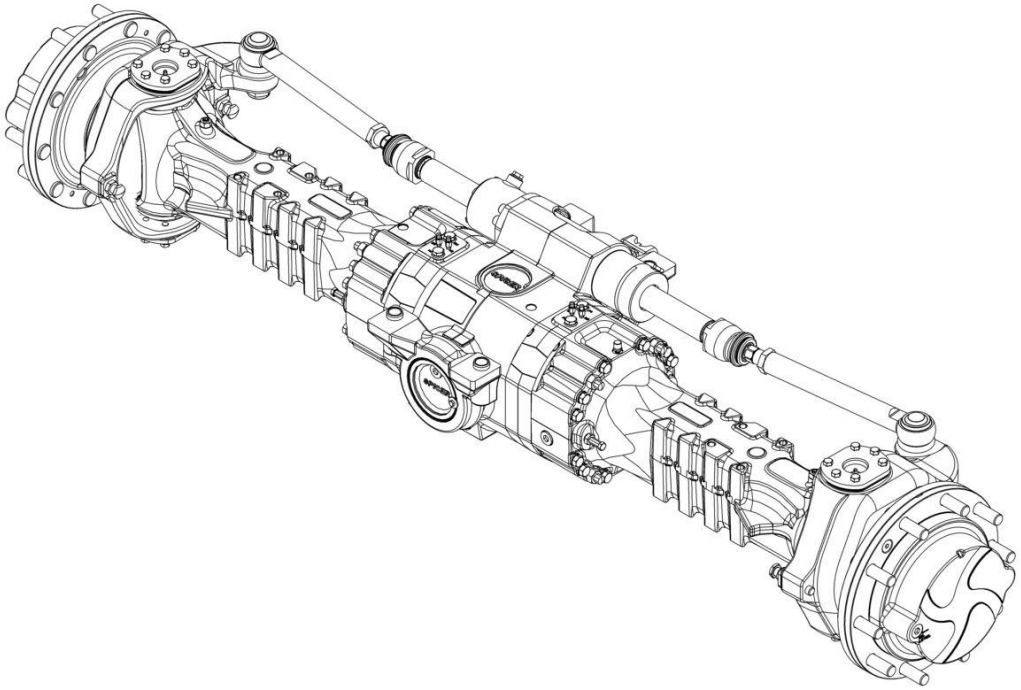


FIGURE 5-39. FRONT AXLE MOUNTING INSTALLATION, 110HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168529	Ref	Front Axle Mounting Installation	E
1	0712030	4	Bolt, M20X130	
2	8310620	4	Washer, M20	
3	1001165833	1	Axle, Front (See Separate Breakdown in this Section)	

FIGURE 5-40. FRONT AXLE, 74HP



ART_1005182600_C

FIGURE 5-40. FRONT AXLE, 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005182600	Ref	Front Axle, 74HP	C
		Ref	Front Axle, Central Housing (See Separate Breakdown in this Section)	
		Ref	Front Axle, Differential (See Separate Breakdown in this Section)	
		Ref	Front Axle, Hub Reduction (See Separate Breakdown in this Section)	
		Ref	Front Axle, Brakes (See Separate Breakdown in this Section)	
		Ref	Front Axle, Steering (See Separate Breakdown in this Section)	
		Ref	Front Axle, Trunion (See Separate Breakdown in this Section)	

FIGURE 5-41. FRONT AXLE, 74HP - CENTRAL HOUSING

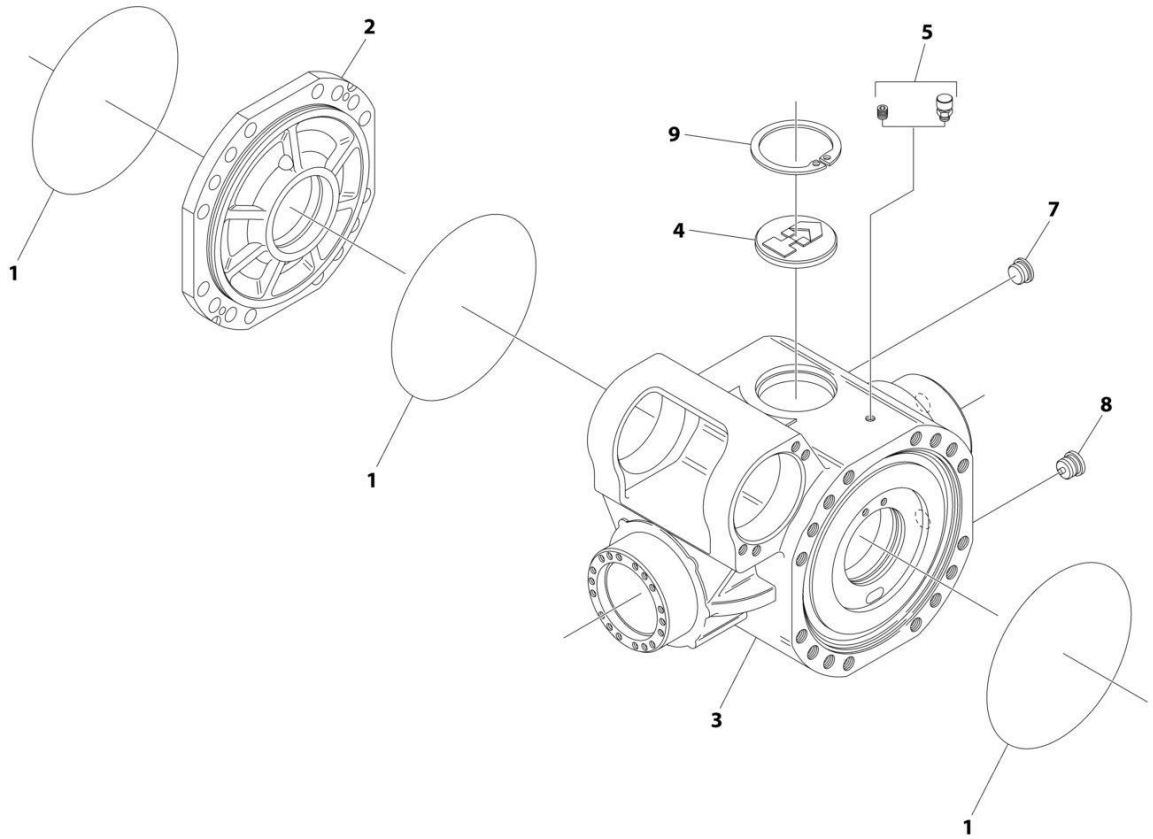
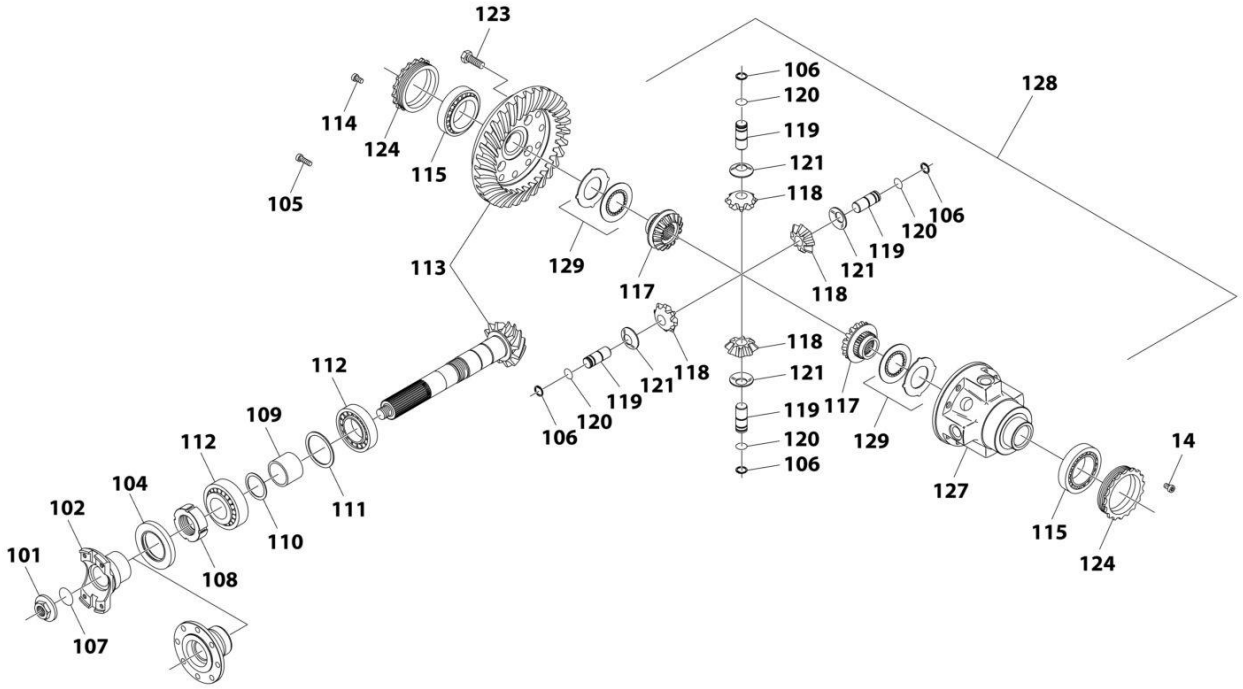


FIGURE 5-41. FRONT AXLE, 74HP - CENTRAL HOUSING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005182600	Ref	FRONT AXLE, CENTRAL HOUSING	C
1	91474507	3	O-Ring	
2	70024872	1	Cover	
3	70026749	1	Housing	
4	91514098	1	Plug	
5	91474512	1	Vent	
7	70028387	1	Plug	
8	70028469	1	Plug	
9	80204005	1	Circlip	

FIGURE 5-42. FRONT AXLE, 74HP - DIFFERENTIAL



ART_1005182600_C_2

FIGURE 5-42. FRONT AXLE, 74HP - DIFFERENTIAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005182600	Ref	FRONT AXLE, DIFFERENTIAL	C
101	70026631	1	Nut	
102	70022797	1	Flange	
104	70024522	1	Seal	
105	91474591	4	Bolt	
106	91474550	4	Circlip	
107	91474529	1	O-Ring	
108	91474533	1	Nut, Ring	
109	91474539	1	Spacer	
110	70025556	1	Kit, Shim	
111	70025555	1	Kit, Shim	
112	3968141	2	Bearing, Taper Roller	
113	91474592	1	Bevel Gear Set	
114	91514134	2	Bolt	
115	70028471	2	Bearing, Taper Roller	
117	91474549	2	Gear, Differential Side	
118	7029129	4	Pinion, Differential	
119	7029131	4	Pin	
120	91474551	4	Circlip	
121	91474553	4	Washer, Friction	
123	91514123	12	Bolt	
124	91474547	2	Nut, Ring	
127	8007751	1	Carrier, Differential	
128	7028710	1	Differential (includes items 106, 117 thru 121, 126 & 127)	
129	8007755	1	Disc	

FIGURE 5-43. FRONT AXLE, 74HP - HUB REDUCTION

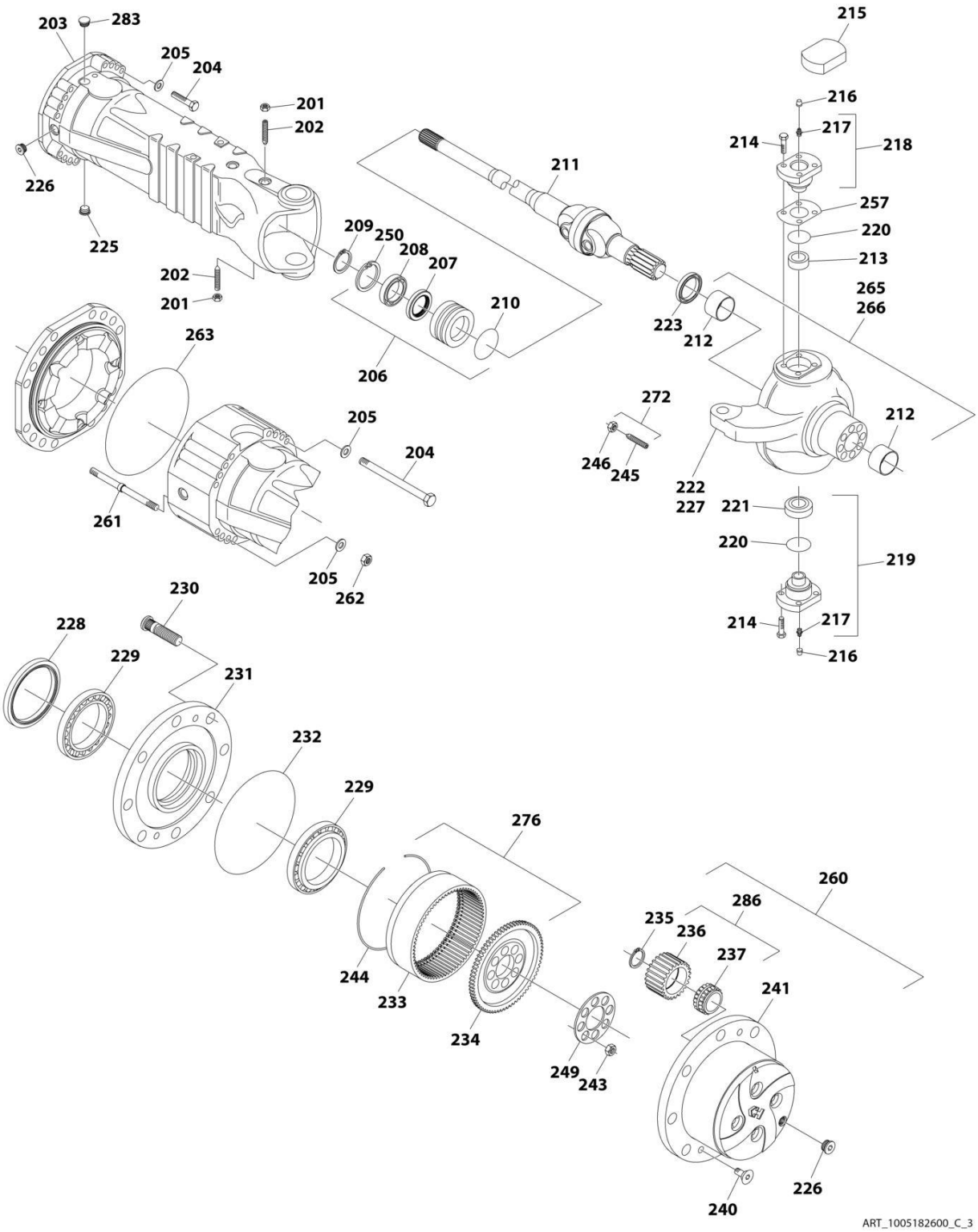


FIGURE 5-43. FRONT AXLE, 74HP - HUB REDUCTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005182600	Ref	FRONT AXLE, HUB REDUCTION	C
201	91514082	2	Nut	
202	91514081	2	Bolt	
203	70025011	2	Case, Axle	
204	70025012	24	Bolt	
205	91514084	8	Washer	
206	91514149	2	Reduction Bushing (includes items 207, 208, 210, 250)	
207	91514147	2	Seal	
208	91514146	2	Ball Bearing	
209	80204071	2	Circlip	
210	91514148	2	O-Ring	
211	70026624	2	Joint, Double Universal	
212	91514111	2	Bushing, Thrust	
213	7028714	2	Bushing	
214	70025562	24	Bolt	
215	70028392	2	Cover	
216	80204117	2	Plug	
217	70024881	4	Fitting, Grease	
218	91514112	2	Pivot Pin	
219	7028715	2	Pivot Pin	
220	7028716	4	Seal, Dust	
221	91514095	2	Bearing	
222	N.S.S.	Ref	Steering Case	
223	70026238	2	Seal	
225	70028469	2	Plug	
226	70028387	4	Plug	
227	N.S.S.	Ref	Steering Case	
228	7028721	2	Seal	
229	91474576	4	Bearing	
230	91514183	20	Wheel Stud	
231	7029737	2	Wheel Hub	
232	91474507	2	O-Ring	
233	91474580	2	Gear, Ring	
234	70026798	2	Support, Ring Gear	
235	91474585	4	Circlip	
236	70028473	8	Planet Gear	
237	70028474	8	Bearing	
240	91514189	4	Bolt, Countersunk	
241	7029286	1	Carrier, Planet Gear	
242	70027315	16	Stud	
243	91474584	16	Nut	
244	91474579	2	Circlip	
245	91514117	4	Bolt	
246	80204065	4	Nut	
249	70026622	2	Plate, Locking	
250	80204005	2	Circlip	
257	70025561	1	Kit, Shim	
260	7029431	2	Planet Gear Carrier Assembly	
261	70025014	8	Stud	
262	91514083	8	Nut	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
263	91514181	2	O-Ring	
265	70026626	1	Case, Steering (includes items 212 & 222)	
266	70026627	1	Case, Steering (includes items 212 & 227)	
272	7028733	1	Bolt, Steering Adjust (includes items 245 & 246)	
276	70026625	2	Kit, Ring Gear Support	
283	80204012	2	Plug	
286	70027114	8	Kit, Planet Gear	

FIGURE 5-44. FRONT AXLE, 74HP - BRAKES

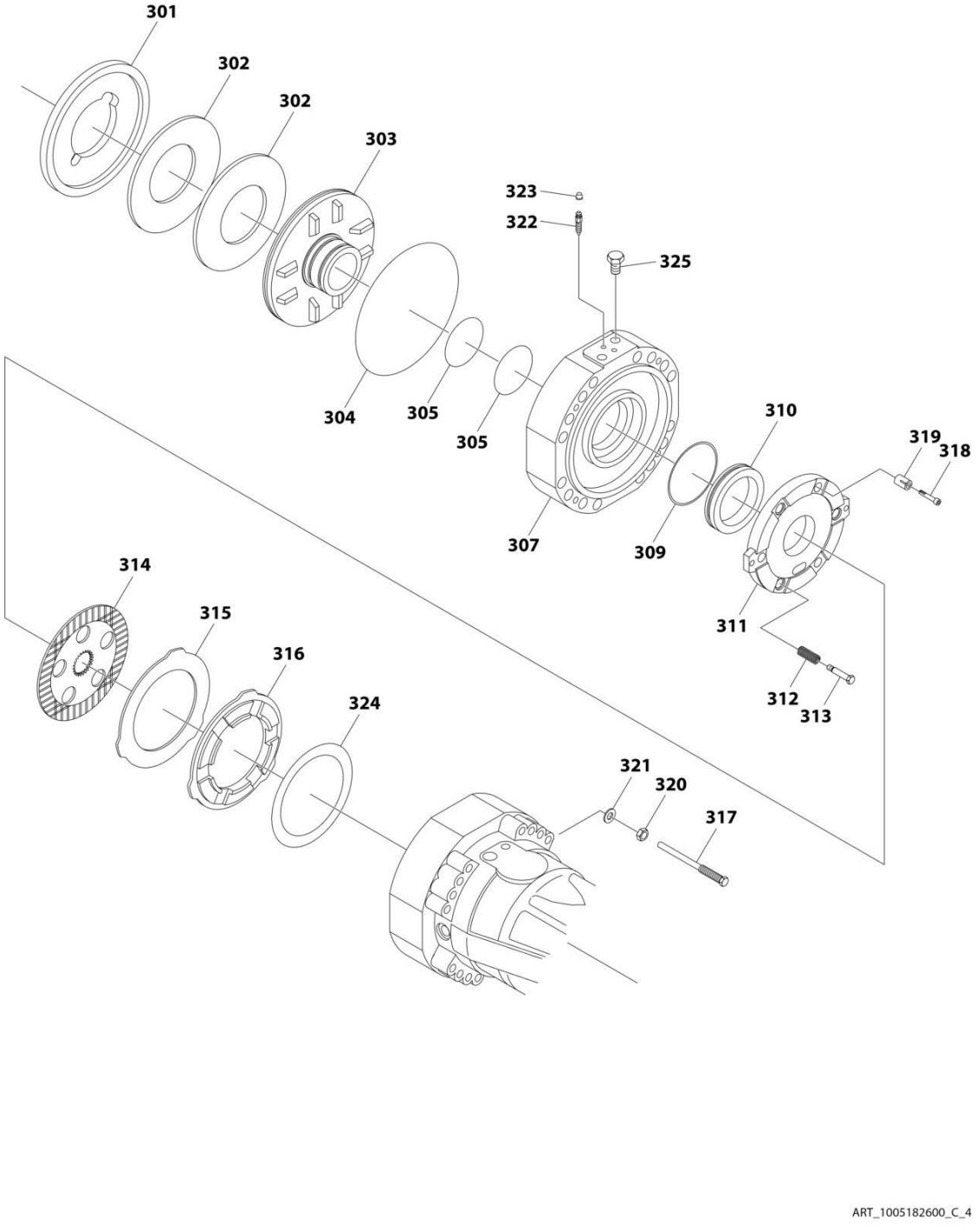


FIGURE 5-44. FRONT AXLE, 74HP - BRAKES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005182600	Ref	FRONT AXLE, BRAKES	C
301	7028734	1	Spacer	
302	91474559	4	Spring	
303	91474560	2	Piston	
304	91474561	2	O-Ring	
305	70026262	4	Seal	
307	7028735	2	Cover	
309	70026623	2	Seal	
310	91474564	2	Piston	
311	91474565	2	Disc, Intermediate Brake	
312	91514159	6	Spring	
313	70024210	6	Adjusting Bolt	
314	91474568	8	Disc	
315	70025823	8	Disc, Intermediate Brake	
316	91474570	2	Spacer	
317	70024213	4	Bolt	
318	7029788	6	Bolt	
319	70027317	6	Spring	
320	80204060	4	Nut	
321	80204108	4	Washer, Lock	
322	80204281	4	Bolt	
323	80204117	4	Plug	
324	70025981	1	Shim Kit	
325	91514154	4	Bolt	

FIGURE 5-45. FRONT AXLE, 74HP - STEERING

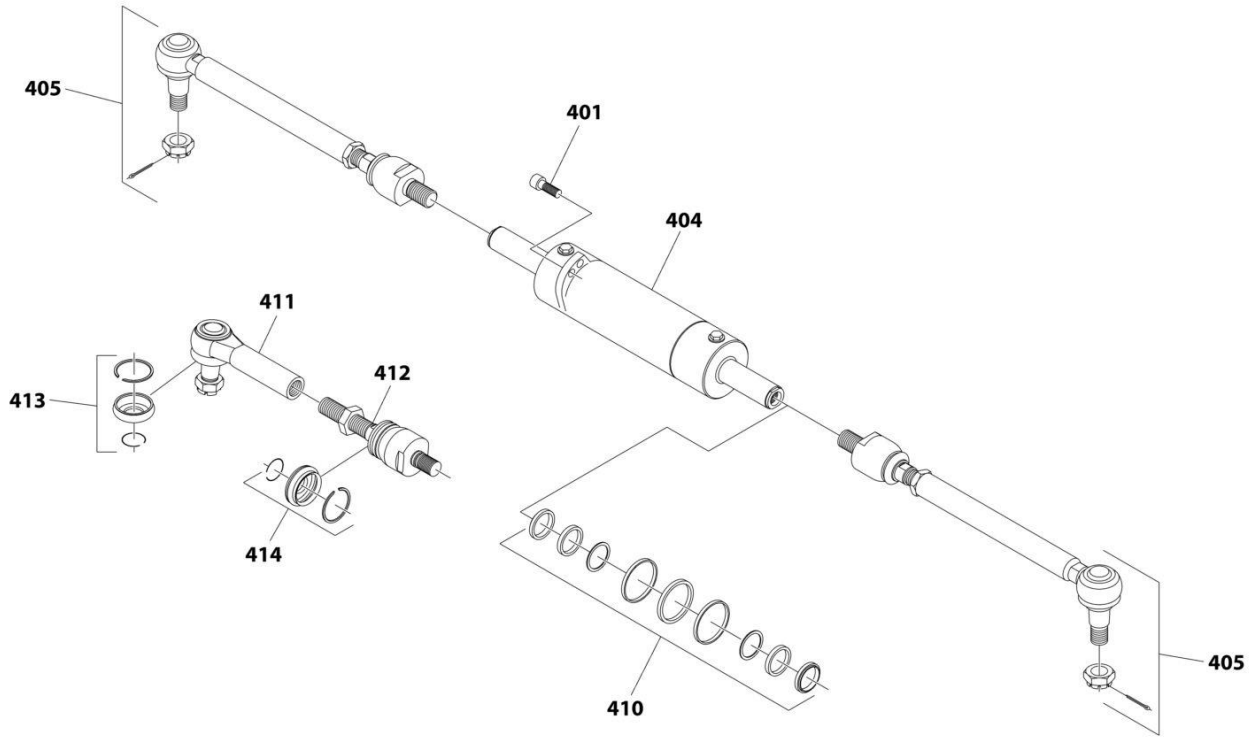
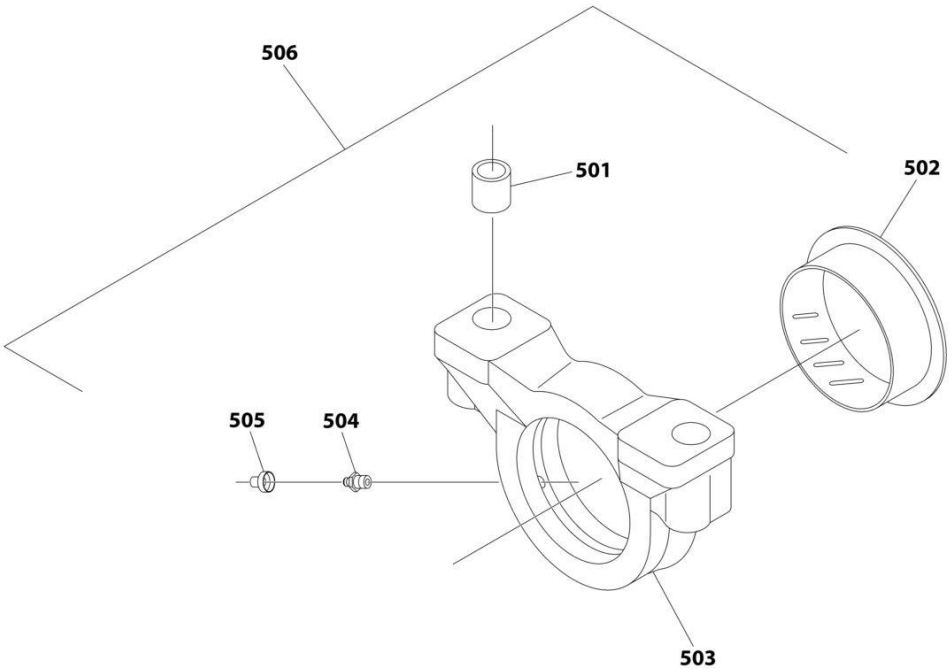


FIGURE 5-45. FRONT AXLE, 74HP - STEERING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005182600	Ref	FRONT AXLE, STEERING	C
401	91474522	4	Bolt	
404	7029528	1	Cylinder	
405	70026799	2	Bar	
410	7029529	1	Kit, Seal	
411	70028475	1	Joint, 90	
412	70028476	1	Axial Joint	
413	70028477	1	Rubber Boot and Locking Ring Kit	
414	70028468	1	Rubber Boot and Locking Ring Kit	

FIGURE 5-46. FRONT AXLE, 74HP - TRUNION



ART_1005182600_C_6

FIGURE 5-46. FRONT AXLE, 74HP - TRUNION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005182600	Ref	FRONT AXLE, TRUNION	C
501	91474516	4	Bushing, Reduction	
502	91474515	2	Bushing, Thrust	
503	N.S.S.	2	Support	
504	70024881	2	Fitting, Grease	
505	80204117	2	Plug	
506	70026630	2	Kit, Support (includes items 501 thru 505)	

FIGURE 5-47. FRONT AXLE, 74HP - PLANET GEAR CARRIER

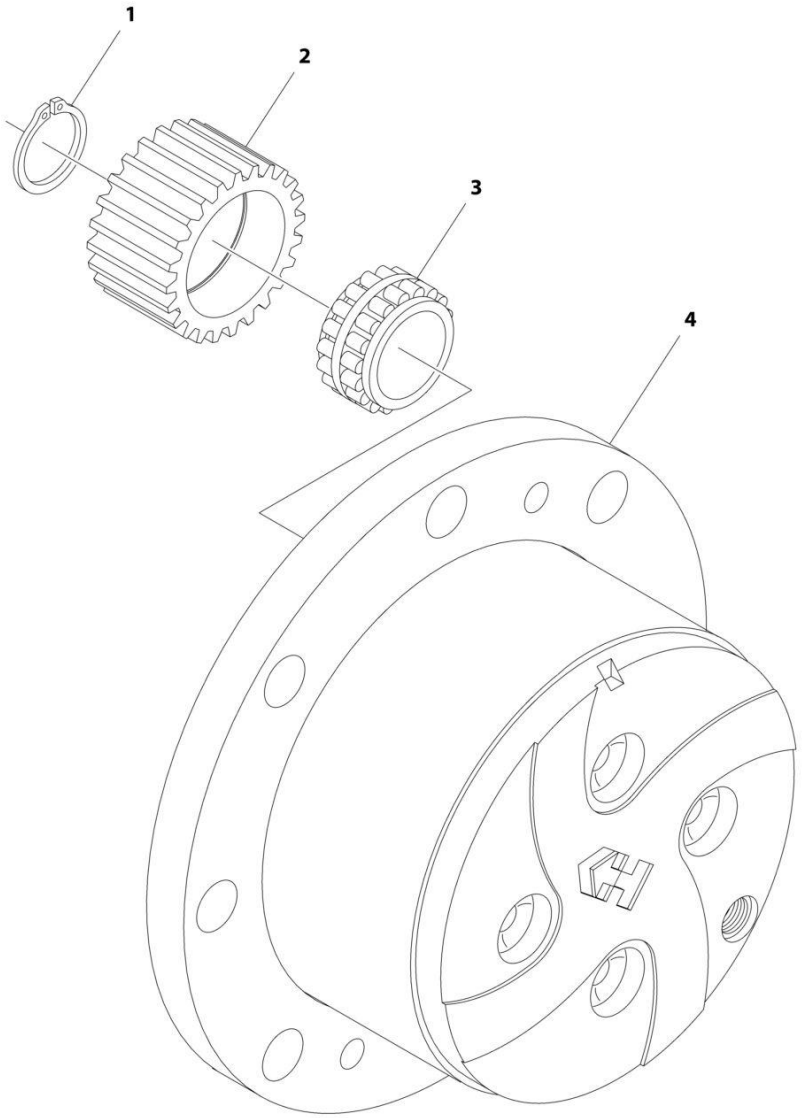


FIGURE 5-47. FRONT AXLE, 74HP - PLANET GEAR CARRIER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005182600	Ref	FRONT AXLE, PLANET GEAR CARRIER	C
	7029431	Ref	Planet Gear Carrier	
1	91474585	2	Circlip	
2	91474586	4	Gear, Planet	
3	91474587	4	Bearing	
4	7029286	1	Carrier, Planet Gear	

FIGURE 5-48. FRONT AXLE, 110HP

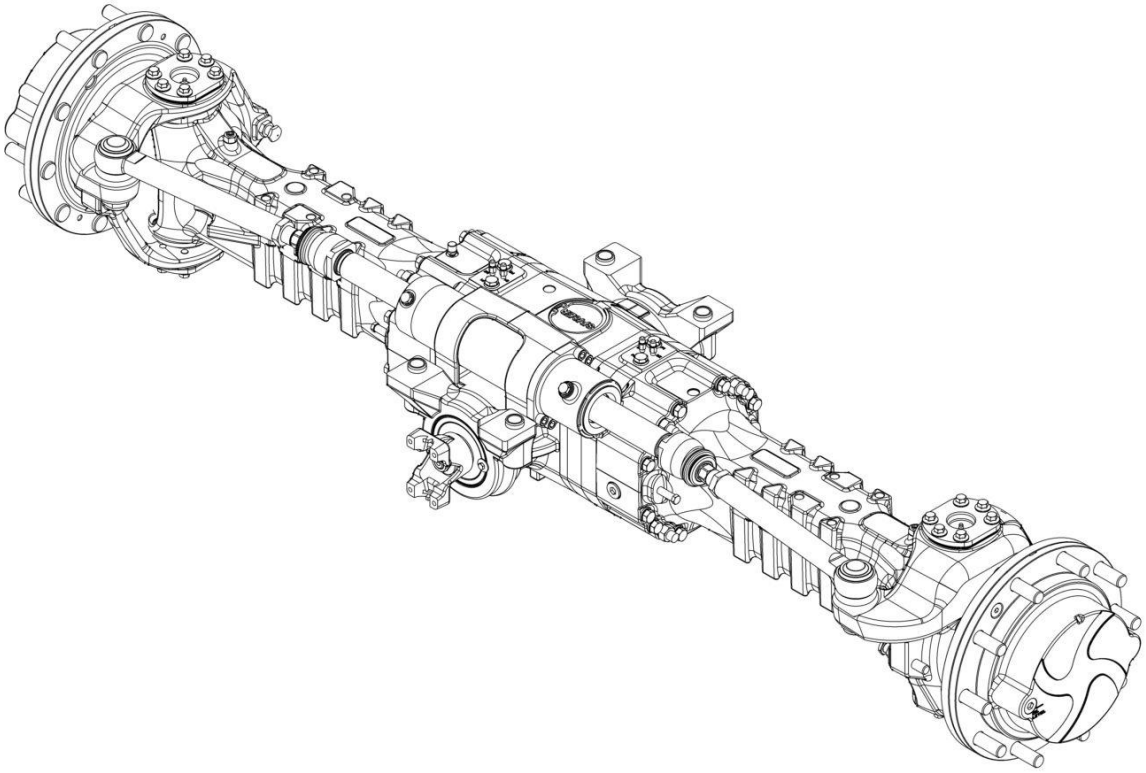


FIGURE 5-48. FRONT AXLE, 110HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165833	Ref	Front Axle	H
		Ref	Front Axle, Central Housing (See Separate Breakdown in this Section)	
		Ref	Front Axle, Differential (See Separate Breakdown in this Section)	
		Ref	Front Axle, Hub Reduction (See Separate Breakdown in this Section)	
		Ref	Front Axle, Brakes (See Separate Breakdown in this Section)	
		Ref	Front Axle, Steering (See Separate Breakdown in this Section)	
		Ref	Front Axle, Trunion (See Separate Breakdown in this Section)	

FIGURE 5-49. FRONT AXLE, 110HP - CENTRAL HOUSING

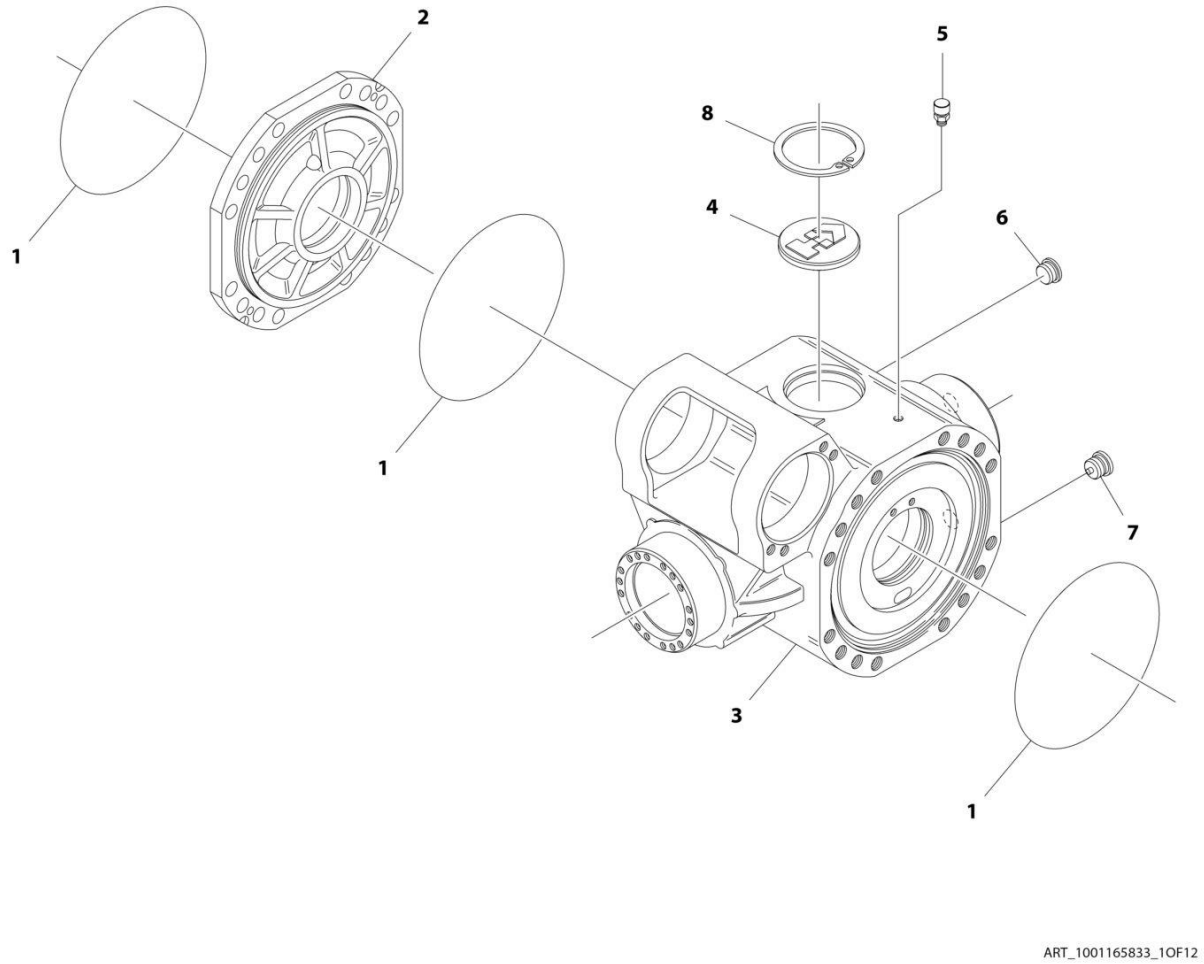


FIGURE 5-49. FRONT AXLE, 110HP - CENTRAL HOUSING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165833	Ref	FRONT AXLE, CENTRAL HOUSING	H
1	91474507	3	O-Ring	
2	70024872	1	Cover	
3	70026749	1	Housing	
4	91514098	1	Plug	
5	91474512	1	Vent	
6	91514188	1	Plug	
7	91474513	1	Plug, Magnet	
8	80204005	1	Circlip	

FIGURE 5-50. FRONT AXLE, 110HP - DIFFERENTIAL

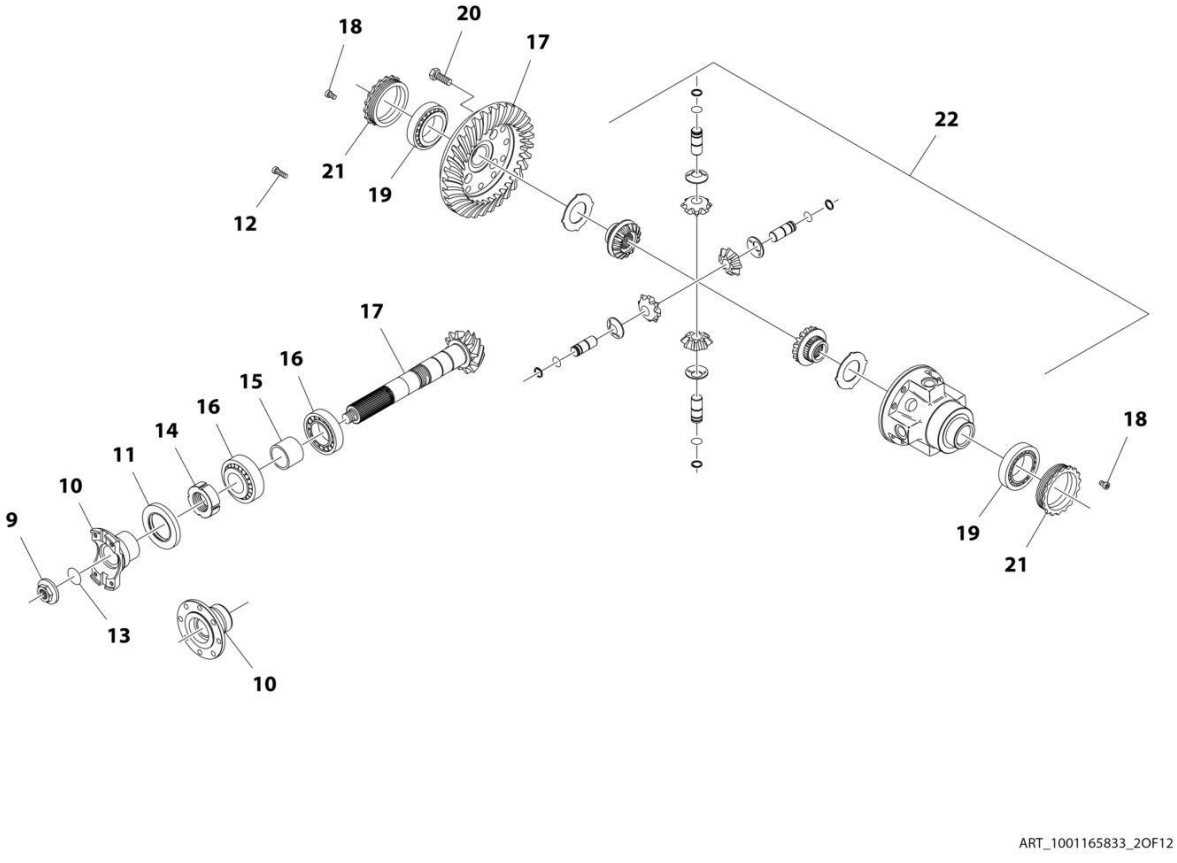


FIGURE 5-50. FRONT AXLE, 110HP - DIFFERENTIAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165833	Ref	FRONT AXLE, DIFFERENTIAL	H
9	70026631	1	Nut	
10	70022797	1	Flange	
11	70024522	1	Seal	
12	91474591	4	Bolt	
13	91474529	1	O-Ring	
14	91474533	1	Nut, Ring	
15	91474539	1	Spacer	
16	3968141	2	Bearing, Taper Roller	
17	8007749	1	Bevel Gear Set	
18	91514134	2	Bolt	
19	70026031	2	Bearing, Taper Roller	
20	91514123	12	Bolt	
21	91474547	2	Nut, Ring	
22	7028710	1	Differential (See Separate Breakdown in this Section)	

FIGURE 5-51. FRONT AXLE, 110HP - HUB REDUCTION

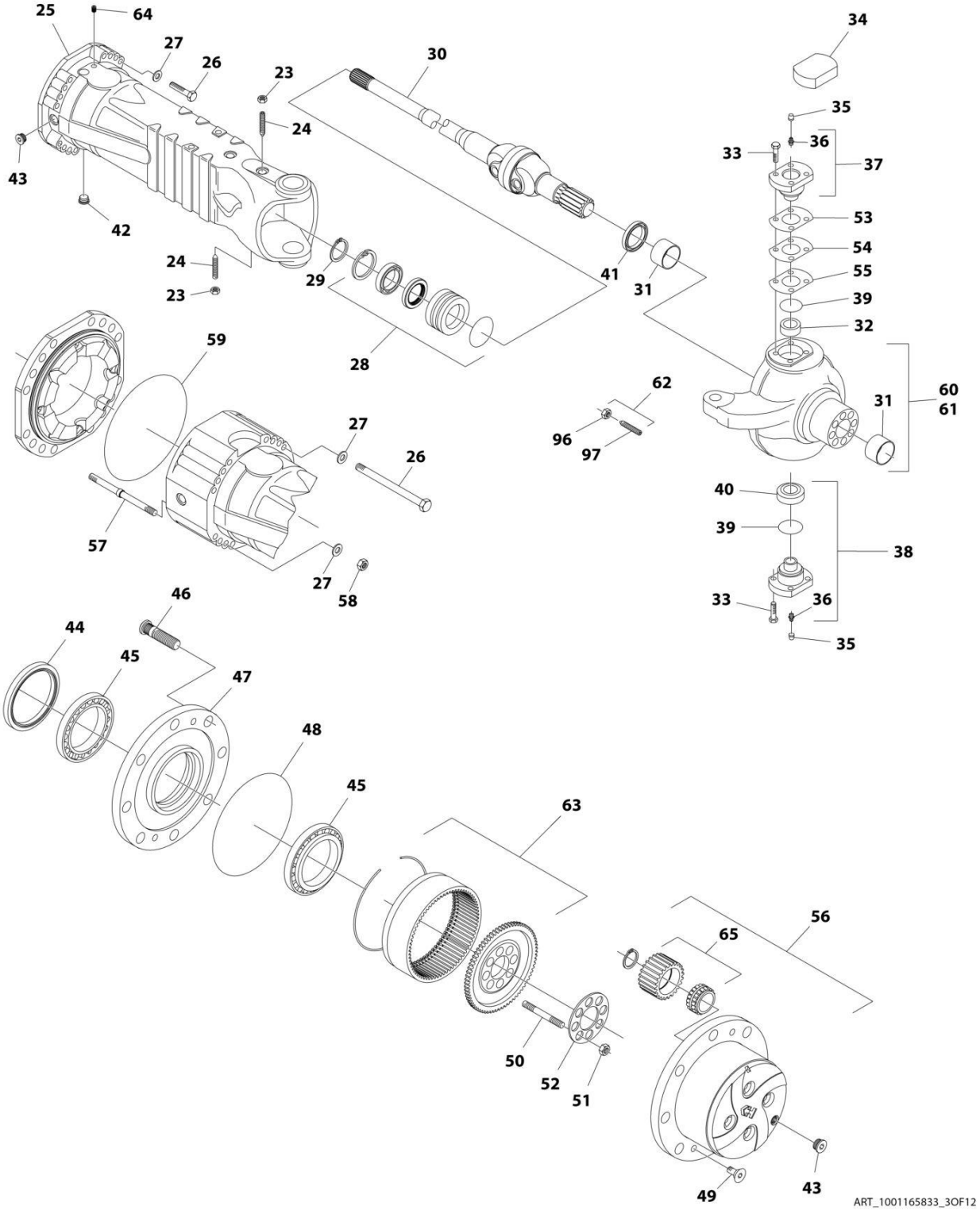


FIGURE 5-51. FRONT AXLE, 110HP - HUB REDUCTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165833	Ref	FRONT AXLE, HUB REDUCTION	H
23	91514082	2	Nut	
24	91514081	2	Bolt	
25	70025011	2	Case, Axle	
26	70025012	24	Bolt	
27	91514084	8	Washer	
28	91514149	2	Bushing, Reduction (See Separate Breakdown in this Section)	
29	80204071	2	Circlip	
30	70026624	2	Joint, Double Universal	
31	91514111	2	Bushing, Thrust	
32	7028714	2	Bushing	
33	70025562	24	Bolt	
34	91474524	2	Cover	
35	80204117	2	Plug	
36	91514099	4	Fitting, Grease	
37	91514112	2	Pin, Pivot	
38	7028715	2	Pin, Pivot	
39	7028716	4	Seal, Dust	
40	91514095	2	Bearing	
41	70026238	2	Seal	
42	91474513	2	Plug	
43	91514188	4	Plug	
44	7028721	2	Seal	
45	91474576	4	Bearing	
46	91514183	20	Stud, Wheel	
47	7029737	2	Hub, Wheel	
48	91474507	2	O-Ring	
49	91514189	4	Bolt	
50	91474583	16	Stud	
51	91474584	16	Nut	
52	70026622	2	Plate, Locking	
53	91514113	2	Shim	
54	91514114	2	Shim	
55	91514115	2	Shim	
56	7029431	2	Planet Gear Carrier (See Separate Breakdown in this Section)	
57	70025014	8	Stud	
58	91514083	8	Nut	
59	91514181	2	O-Ring	
60	70026626	1	Case, Steering	
61	70026627	1	Case, Steering	
62	7028733	4	Bolt, Steering Adjust (includes items 45 & 46)	
63	70026625	2	Kit, Ring Gear Support (See Separate Breakdown in this Section)	
64	80204012	2	Plug	
65	70023900	8	Kit, Planet Gear	
96	91514117	4	Bolt	
97	80204065	4	Nut	

FIGURE 5-52. FRONT AXLE, 110HP - BRAKES

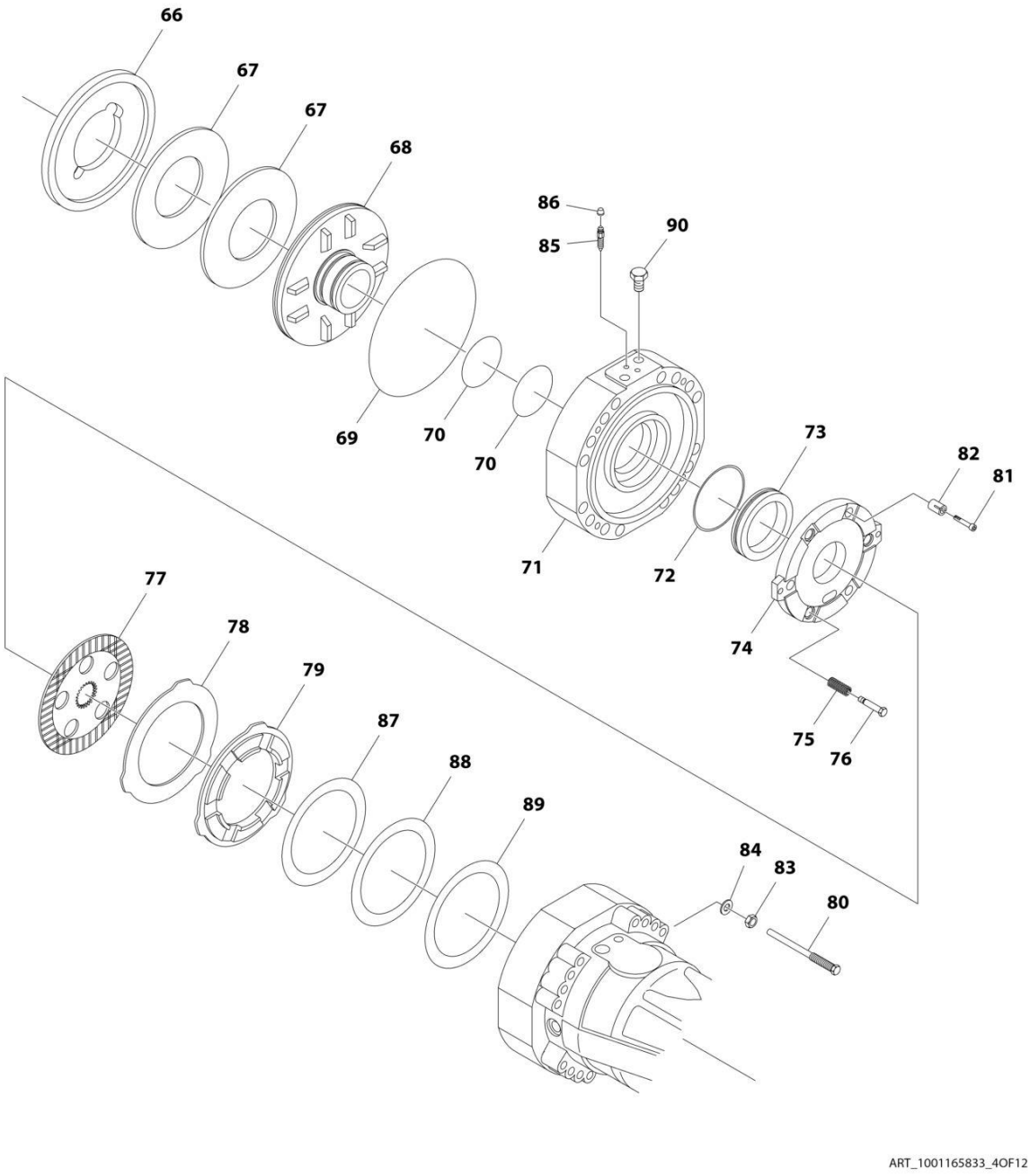


FIGURE 5-52. FRONT AXLE, 110HP - BRAKES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165833	Ref	FRONT AXLE, BRAKES	H
66	7028734	1	Spacer	
67	91474559	4	Spring	
68	91474560	2	Piston	
69	91474561	2	O-Ring	
70	70026262	4	Seal	
71	7028735	2	Cover	
72	70026623	2	Seal	
73	91474564	2	Piston	
74	91474565	2	Disc, Intermediate Brake	
75	91514159	6	Spring	
76	70024210	6	Bolt	
77	91474568	8	Disc	
78	70025823	8	Disc, Intermediate Brake	
79	91474570	2	Spacer	
80	70024213	4	Bolt, M12X122.5	
81	7029788	6	Bolt	
82	91514165	6	Spring	
83	80204060	4	Nut	
84	80204108	4	Washer, Lock	
85	80204281	4	Bolt	
86	80204117	4	Plug	
87	91474571	2	Shim	
88	91474572	2	Shim	
89	91474573	2	Shim	
90	91514154	4	Bolt	

FIGURE 5-53. FRONT AXLE, 110HP -STEERING

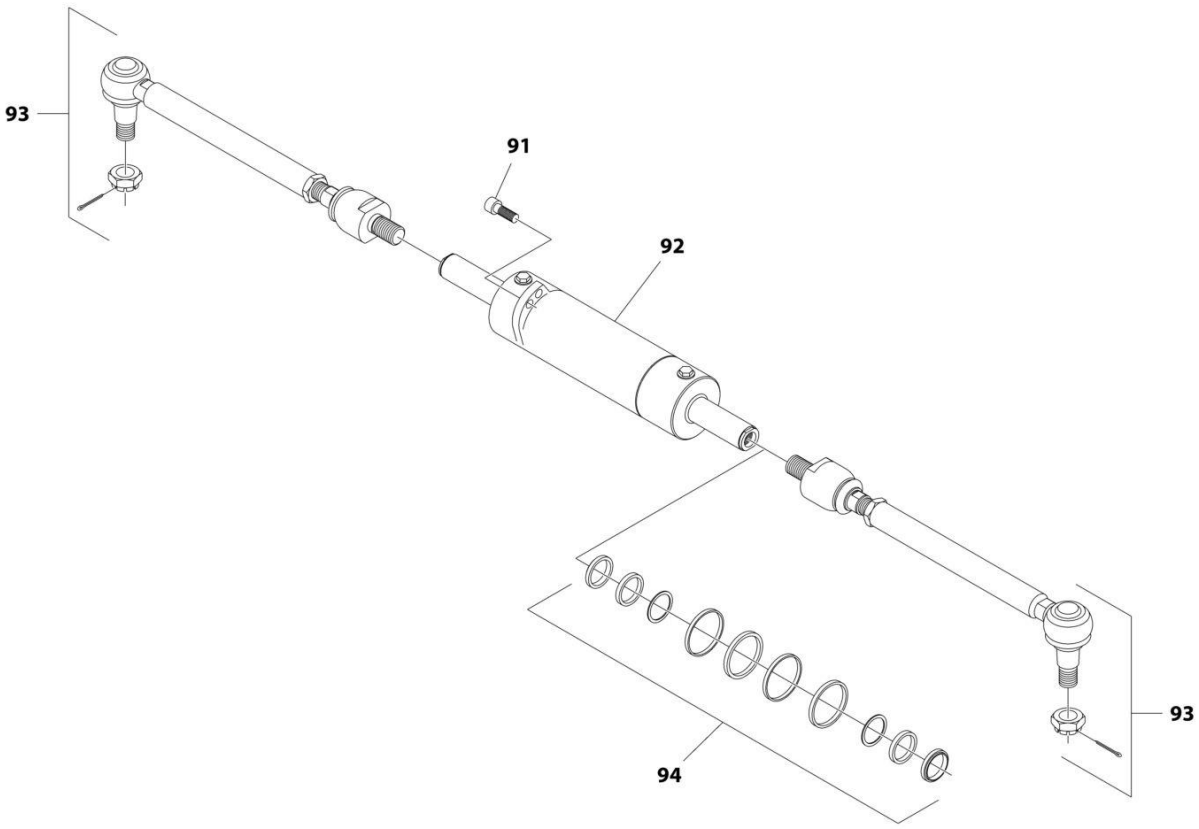


FIGURE 5-53. FRONT AXLE, 110HP -STEERING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165833	Ref	FRONT AXLE, STEERING	H
91	91474522	4	Bolt	
92	7029528	1	Cylinder	
93	70026799	2	Rod, Tie	
94	7029529	1	Kit, Seal	

FIGURE 5-54. FRONT AXLE, 110HP - TRUNION

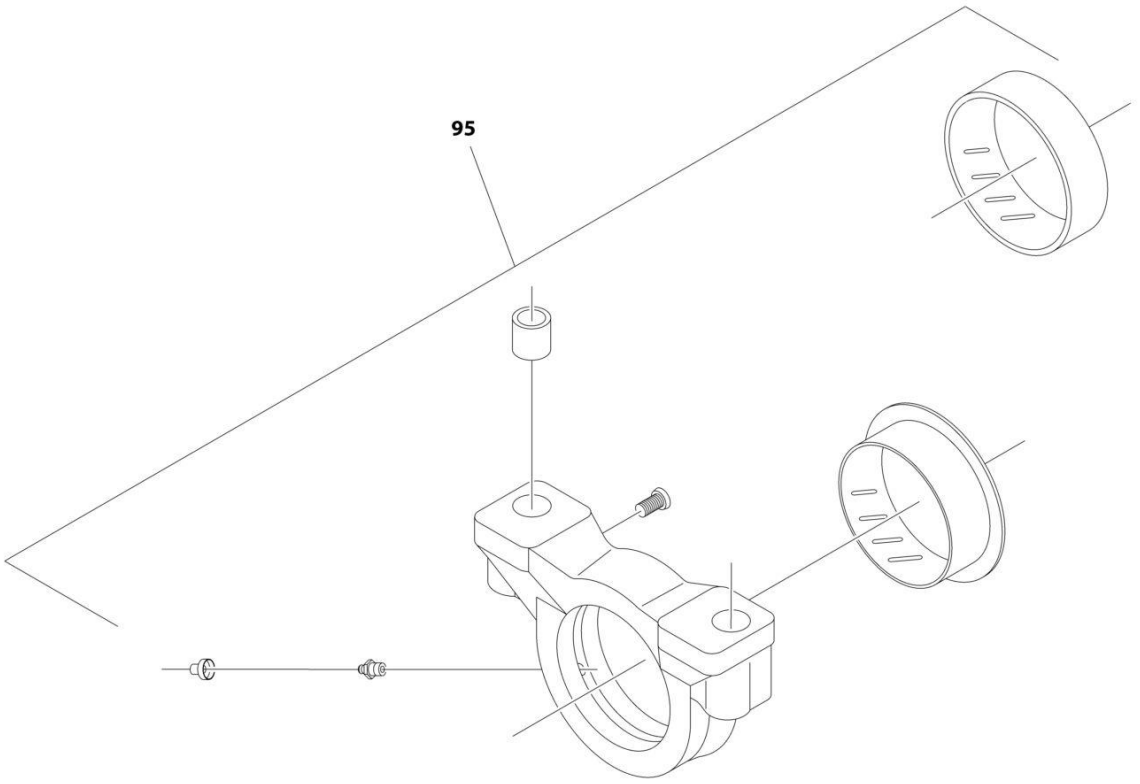


FIGURE 5-54. FRONT AXLE, 110HP - TRUNION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165833	Ref	FRONT AXLE, TRUNION	H
95	70026630	2	Trunion (See Separate Breakdown in this Section)	

FIGURE 5-55. FRONT AXLE, 110HP - DIFFERENTIAL

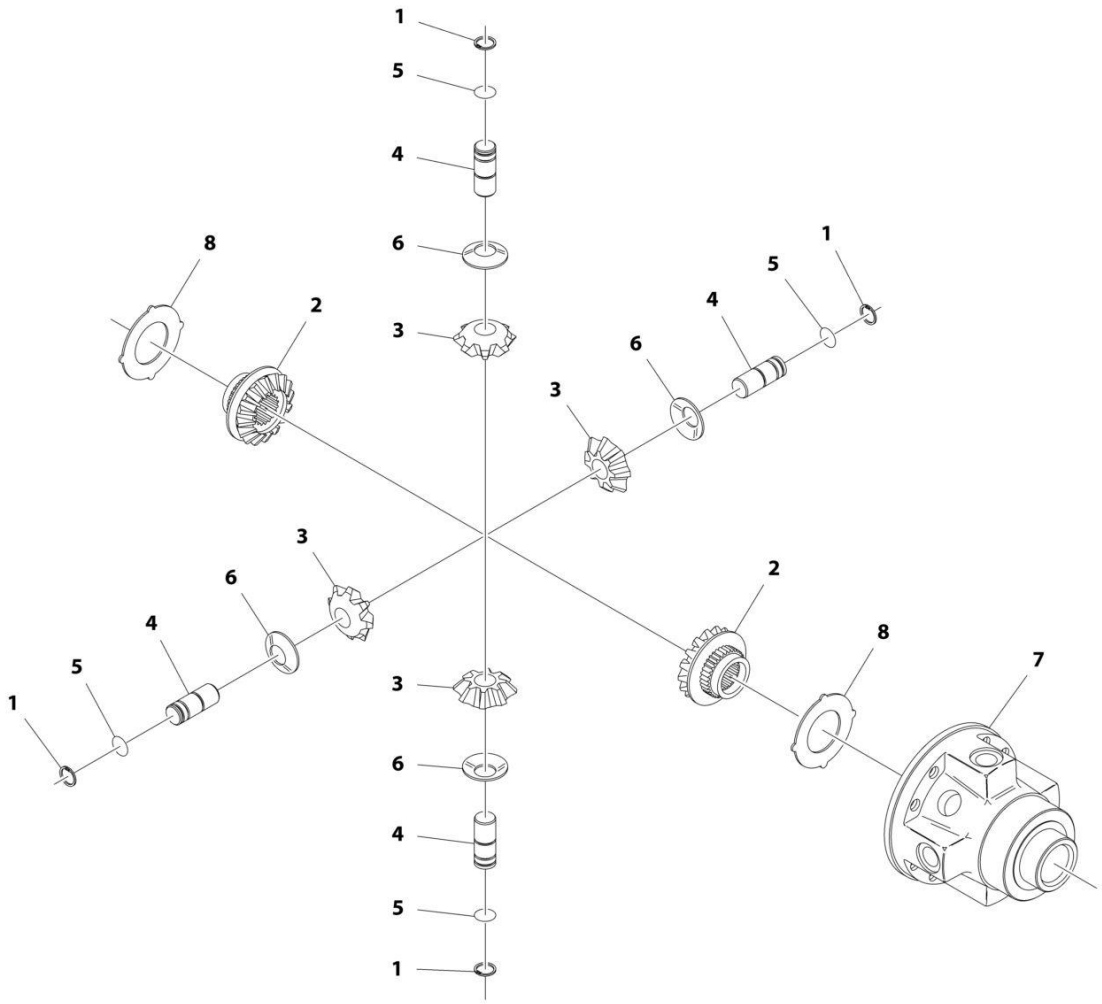


FIGURE 5-55. FRONT AXLE, 110HP - DIFFERENTIAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165833	Ref	FRONT AXLE, DIFFERENTIAL	H
	7028710	Ref	Differential	
1	91474550	4	Circlip	
2	91474549	2	Gear, Differential Side	
3	7029129	4	Pinion, Differential	
4	7029131	4	Pin	
5	91474551	4	Circlip	
6	91474553	4	Washer, Friction	
7	8007751	1	Carrier, Differential	
8	8007755	1	Disc	

FIGURE 5-56. FRONT AXLE, 110HP - REDUCTION BUSHING

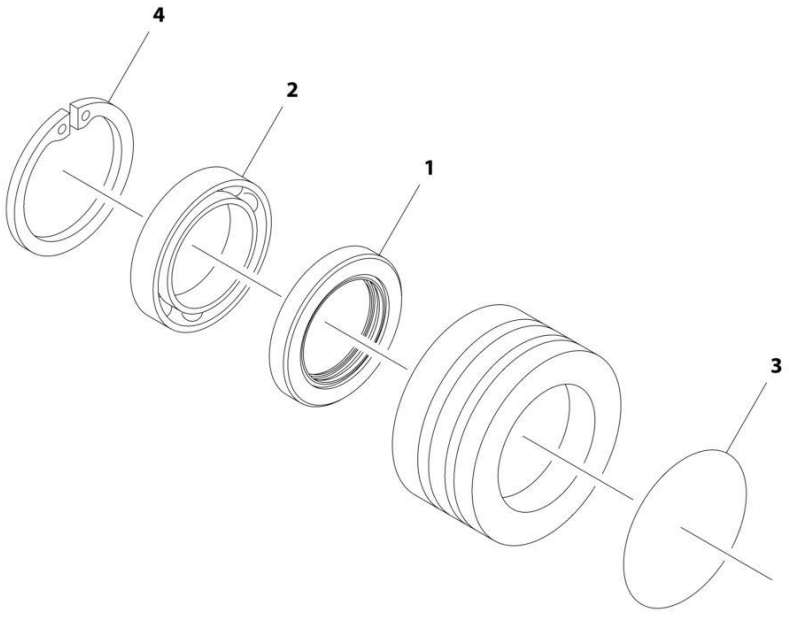


FIGURE 5-56. FRONT AXLE, 110HP - REDUCTION BUSHING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165833	Ref	FRONT AXLE, REDUCTION BUSHING	H
	91514149	Ref	Reduction Bushing	
1	91514147	1	Seal	
2	91514146	1	Bearing, Ball	
3	91514148	1	O-Ring	
4	80204005	1	Circlip	

FIGURE 5-57. FRONT AXLE, 110HP - PLANET GEAR CARRIER

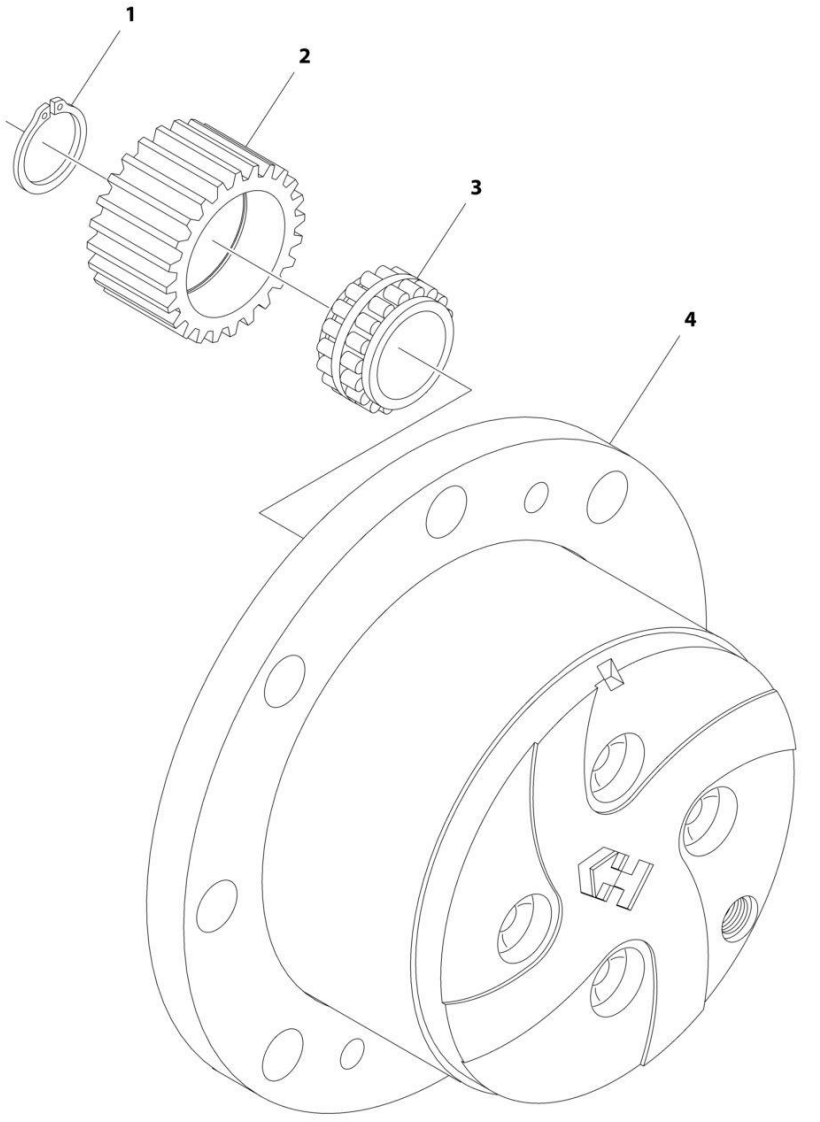
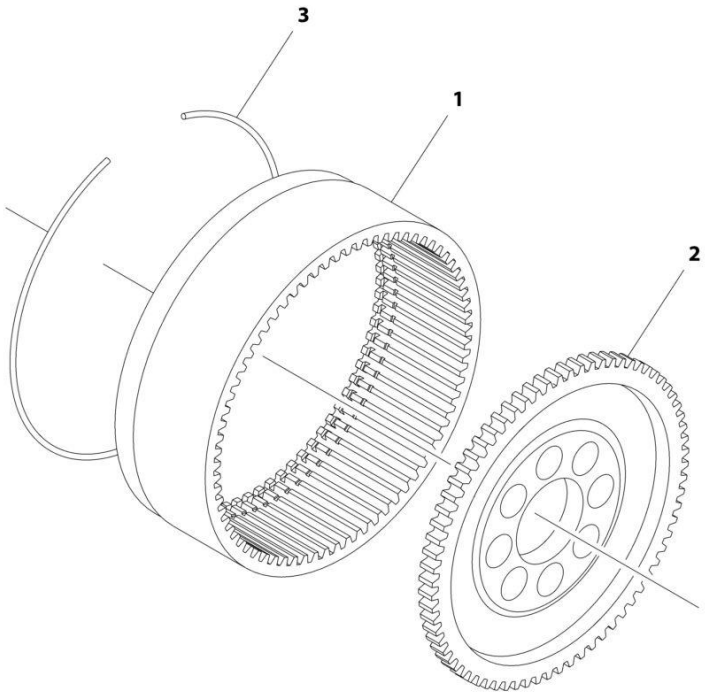


FIGURE 5-57. FRONT AXLE, 110HP - PLANET GEAR CARRIER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165833	Ref	FRONT AXLE, PLANET GEAR CARRIER	H
	7029431	Ref	Planet Gear Carrier	
1	91474585	2	Circlip	
2	91474586	4	Gear, Planet	
3	91474587	4	Bearing	
4	7029286	1	Carrier, Planet Gear	

FIGURE 5-58. FRONT AXLE, 110HP - RING GEAR SUPPORT



ART_1001165833_10OF12

FIGURE 5-58. FRONT AXLE, 110HP - RING GEAR SUPPORT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165833	Ref	FRONT AXLE, RING GEAR SUPPORT	H
	70026625	Ref	Ring Gear Support	
1	91474580	1	Gear, Ring	
2	70026798	1	Support, Ring Gear	
3	91474579	1	Circlip	

FIGURE 5-59. FRONT AXLE, 110HP - PLANET GEAR

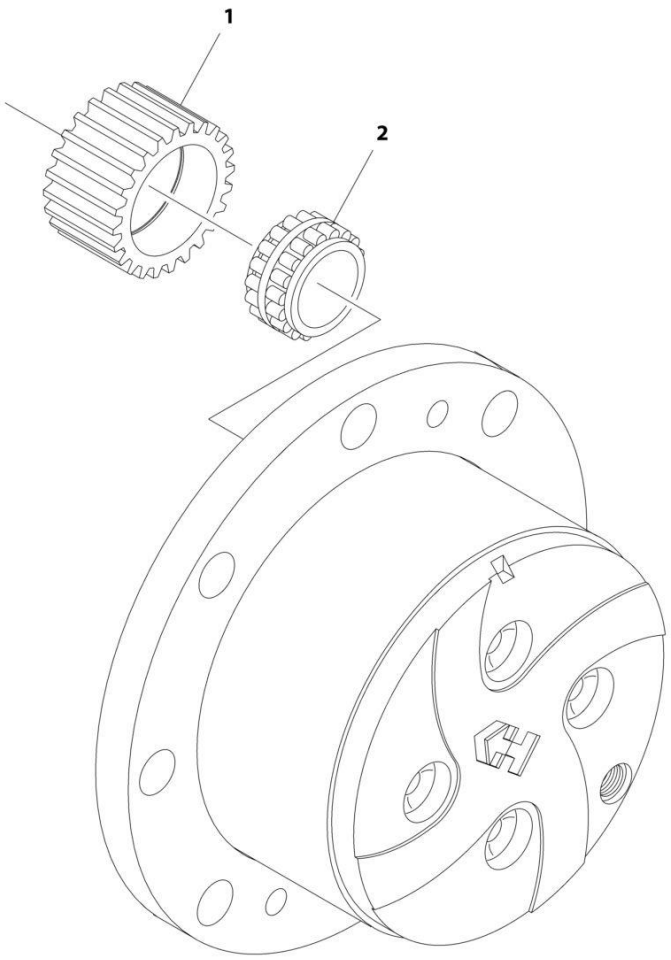


FIGURE 5-59. FRONT AXLE, 110HP - PLANET GEAR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165833	Ref	FRONT AXLE, PLANET GEAR	H
	70023900	Ref	Planet Gear	
1	91474586	4	Gear, Planet	
2	91474587	4	Bearing	

FIGURE 5-60. FRONT AXLE, 110HP - TRUNION KIT

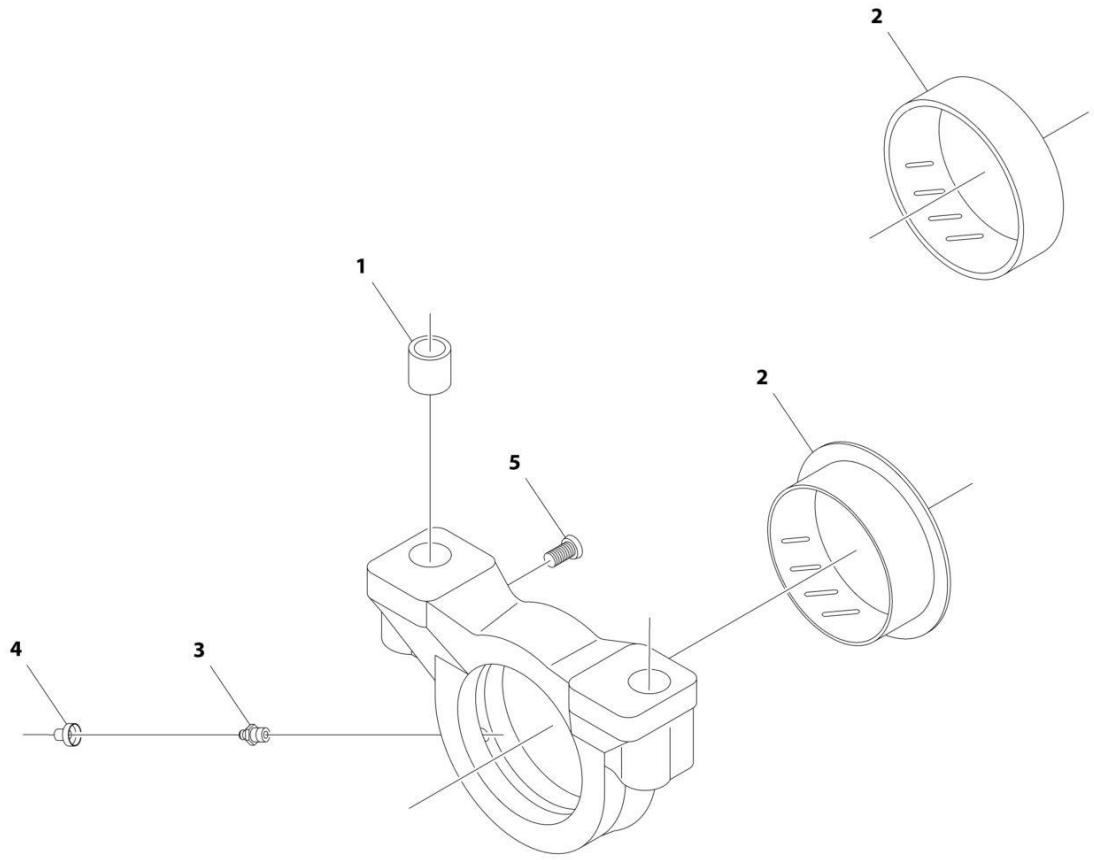


FIGURE 5-60. FRONT AXLE, 110HP - TRUNION KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165833	Ref	FRONT AXLE, TRUNION KIT	H
	70026630	Ref	Trunion Kit	
1	91474516	2	Bushing, Reduction	
2	91474515	1	Bushing, Thrust	
3	91514099	1	Fitting, Grease	
4	80204117	1	Plug	
5	70025884	1	Bolt	

FIGURE 5-61. REAR AXLE INSTALLATION, 74HP

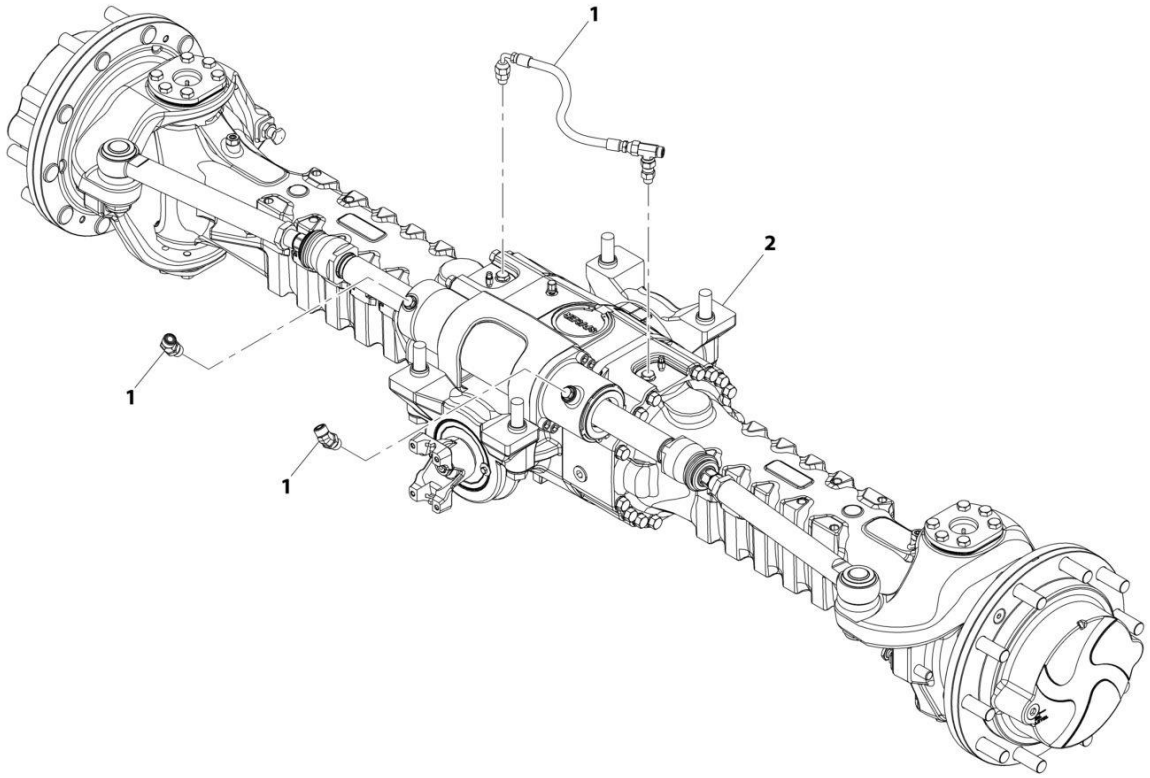


FIGURE 5-61. REAR AXLE INSTALLATION, 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225282	Ref	Rear Axle Installation, 74HP	A
1	1001171863	Ref	Installation, Rear Axle Lines (See Separate Breakdown in this section)	
2	1001225281	Ref	Installation, Rear Axle Mounting (See Separate Breakdown in this section)	

FIGURE 5-62. REAR AXLE INSTALLATION, 110HP

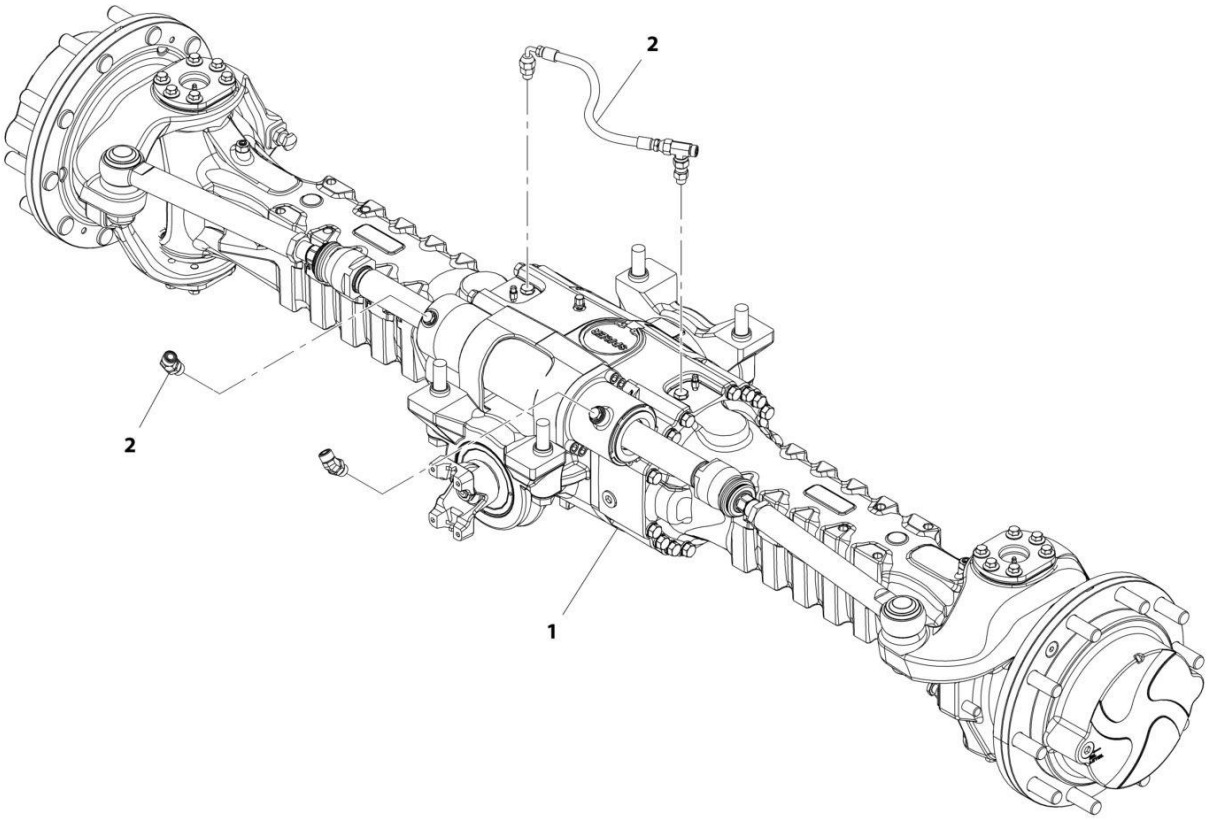


FIGURE 5-62. REAR AXLE INSTALLATION, 110HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168537	Ref	Rear Axle Installation	A
1	1001168536	Ref	Installation, Rear Axle Mounting (See Separate Breakdown in this Section)	
2	1001171863	Ref	Installation, Rear Axle Lines (See Separate Breakdown in this Section)	

FIGURE 5-63. REAR AXLE LINES INSTALLATION

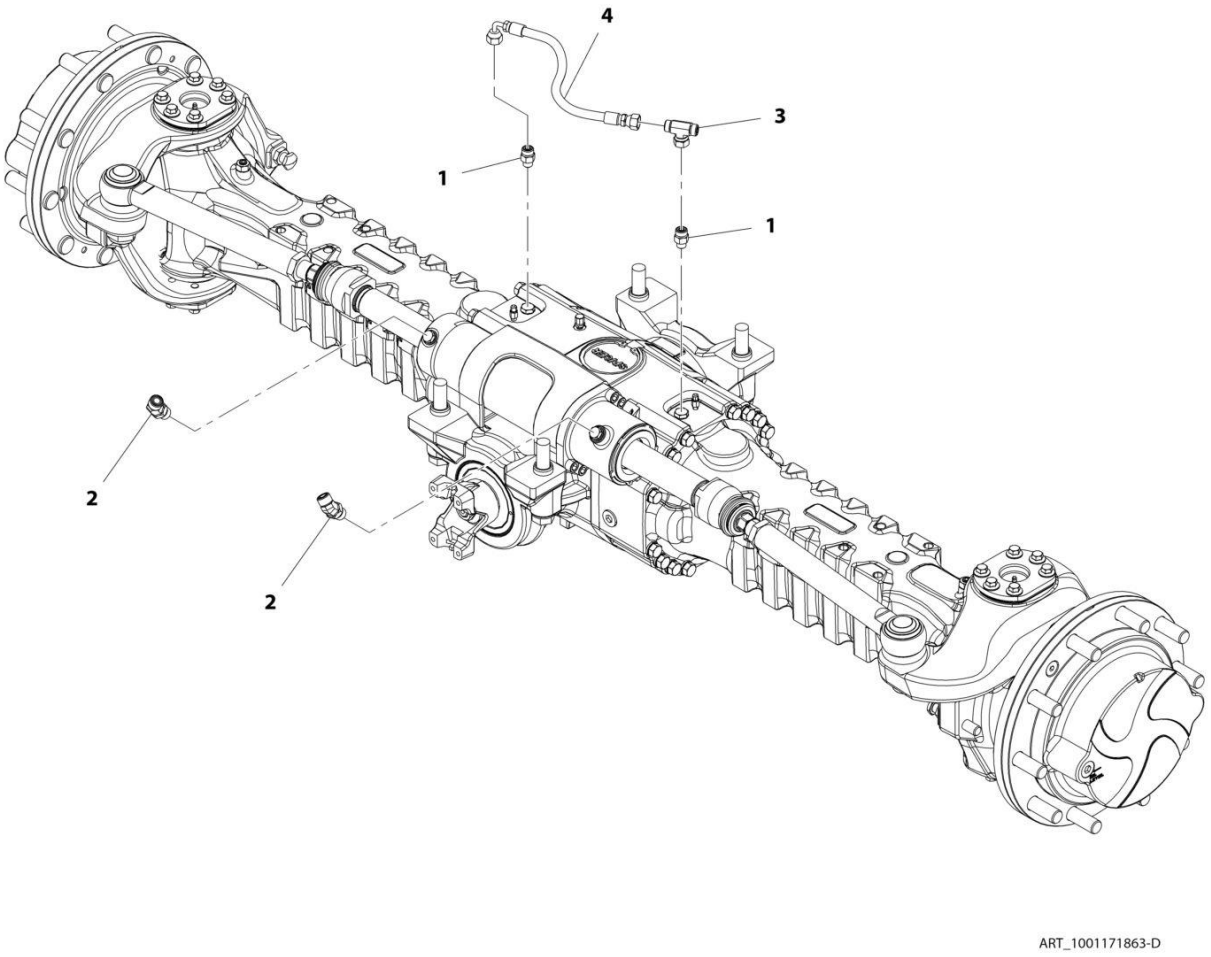


FIGURE 5-63. REAR AXLE LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171863	Ref	Rear Axle Lines Installation	D
1	2144605	2	Fitting, Straight ORFS	
2	1250808	2	Fitting, 45 ORFS	
3	2170806	1	Fitting, Tee ORFS	
4	1001139375	1	Hose	

FIGURE 5-64. REAR AXLE MOUNTING INSTALLATION, 74HP

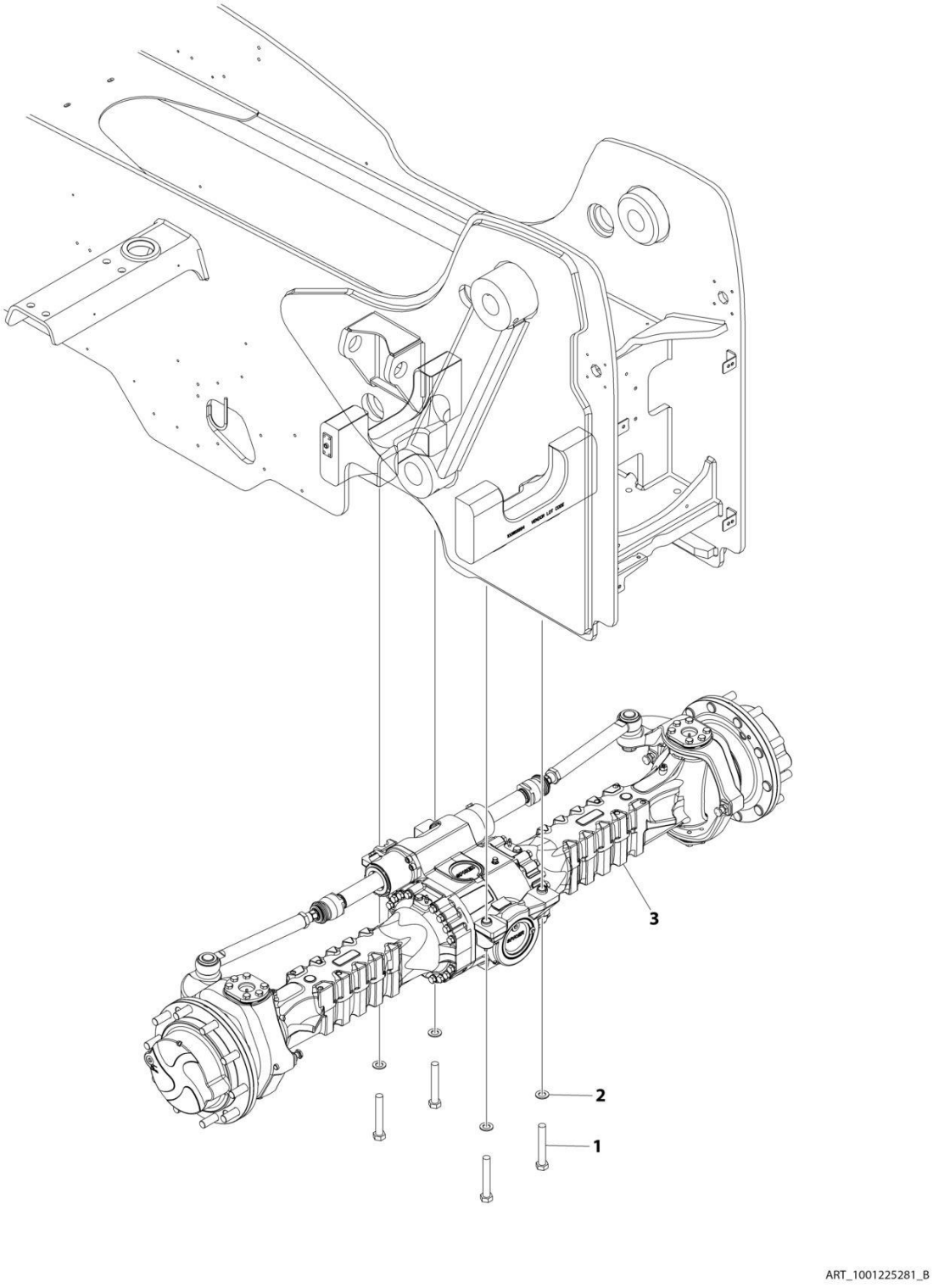


FIGURE 5-64. REAR AXLE MOUNTING INSTALLATION, 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225281	Ref	REAR AXLE MOUNTING INSTALLATION, 74HP	B
1	0712030	4	Bolt, M20X130	
2	8310620	4	Washer	
3	1001262334	1	Axle, Rear (See Separate Breakdown in this Section)	

FIGURE 5-65. REAR AXLE MOUNTING INSTALLATION, 110HP

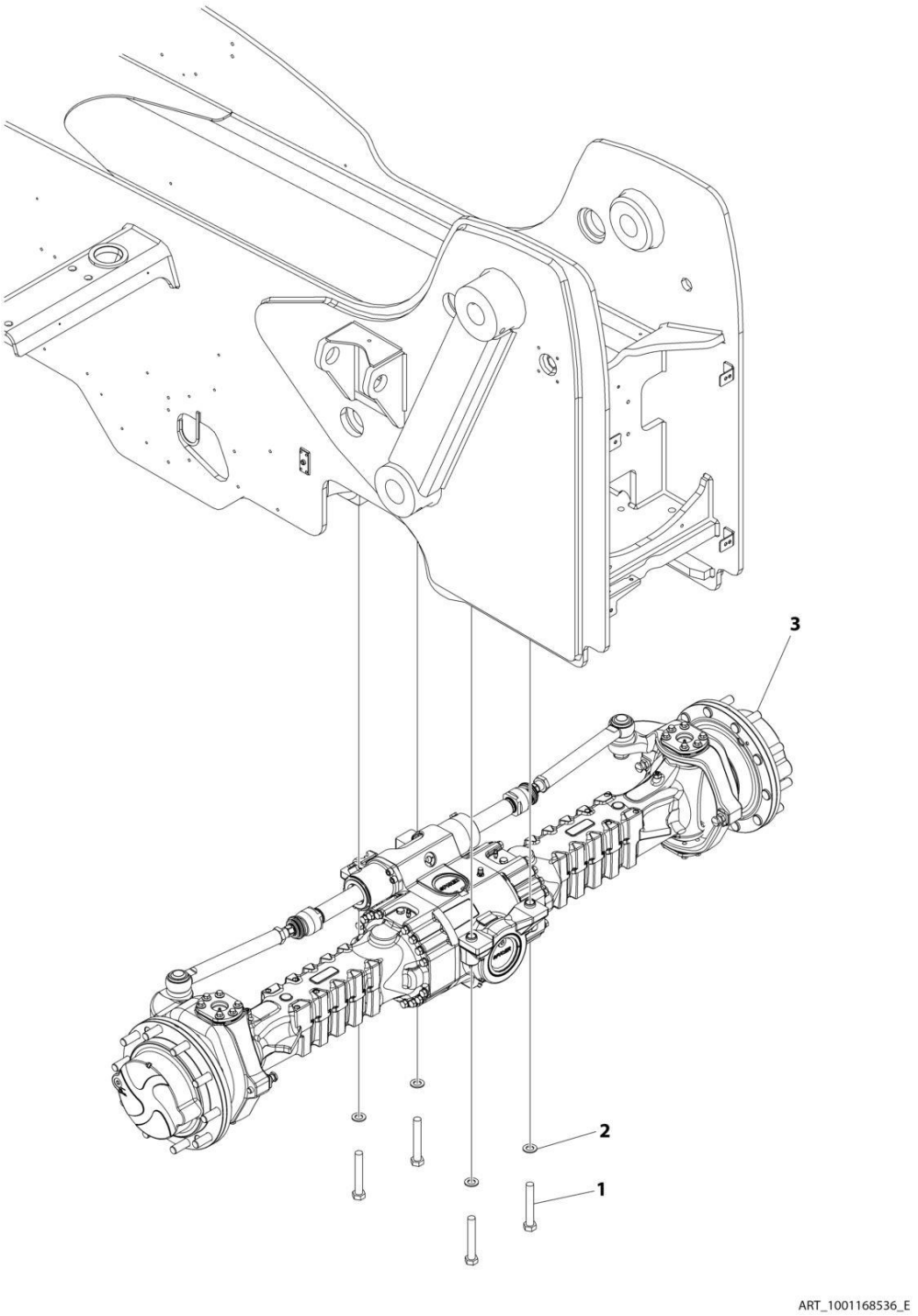
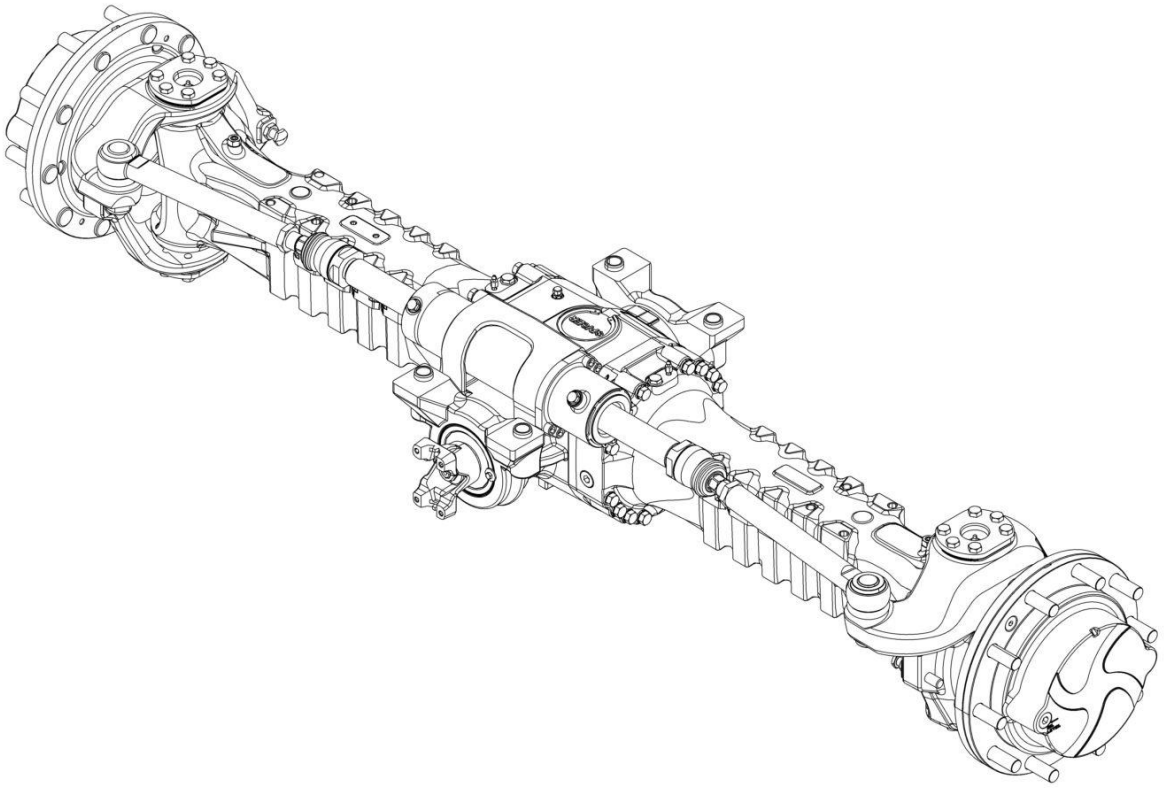


FIGURE 5-65. REAR AXLE MOUNTING INSTALLATION, 110HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168536	Ref	REAR AXLE MOUNTING INSTALLATION	E
1	0712030	4	Bolt, M20X130	
2	8310620	4	Washer, M20	
3	1001262333	1	Axle, Rear (See Separate Breakdown in this Section)	

FIGURE 5-66. REAR AXLE, 74HP



ART_1001262334

FIGURE 5-66. REAR AXLE, 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001262334	Ref	REAR AXLE	A
		Ref	Rear Axle, Central Housing (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Differential (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Hub Reduction (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Brakes (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Steering (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Trunion (See Separate Breakdown in this Section)	

FIGURE 5-67. REAR AXLE, 74HP - CENTRAL HOUSING

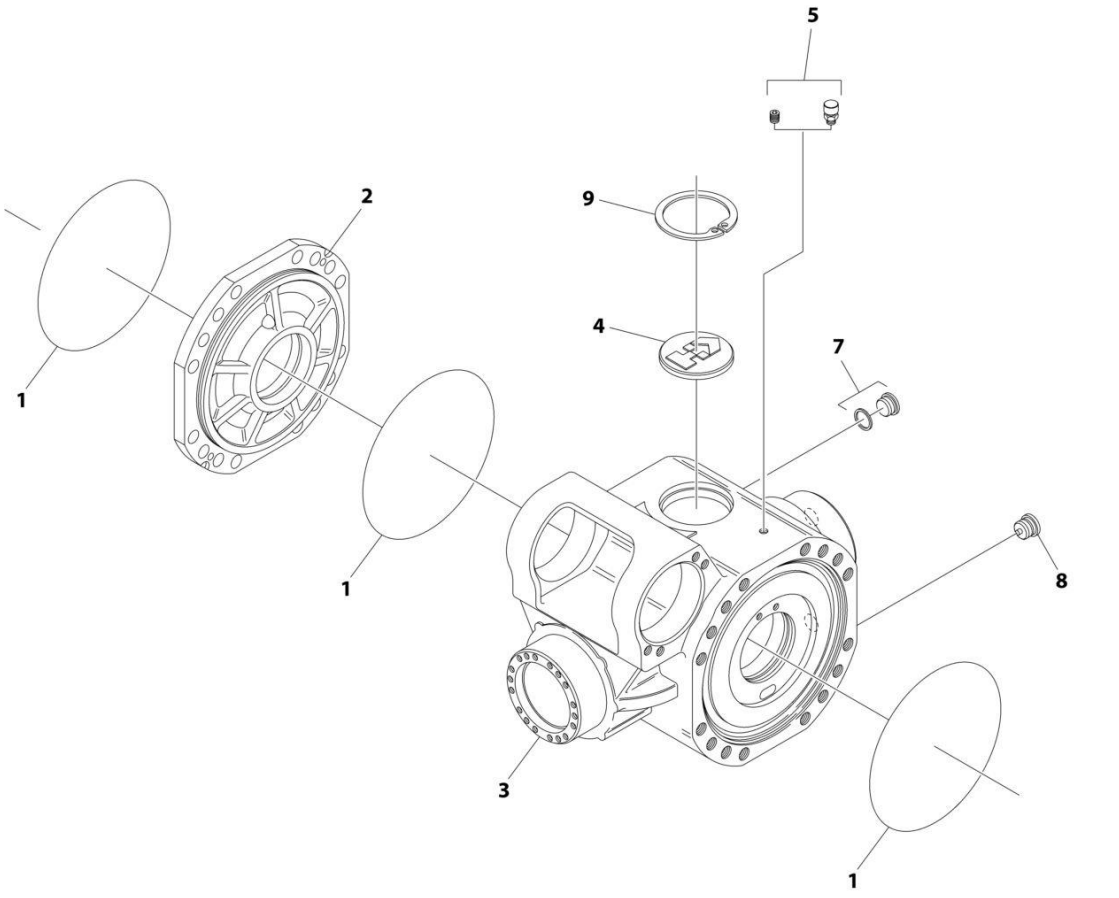


FIGURE 5-67. REAR AXLE, 74HP - CENTRAL HOUSING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001262334	Ref	REAR AXLE, CENTRAL HOUSING	A
1	91474507	3	O-Ring	
2	70024519	1	Cover	
3	70026749	1	Housing	
4	91514098	1	Plug	
5	91474512	1	Vent	
7	91514188	1	Plug	
8	7028706	1	Plug, Magnet	
9	80204005	1	Circlip	

FIGURE 5-68. REAR AXLE, 74HP - DIFFERENTIAL

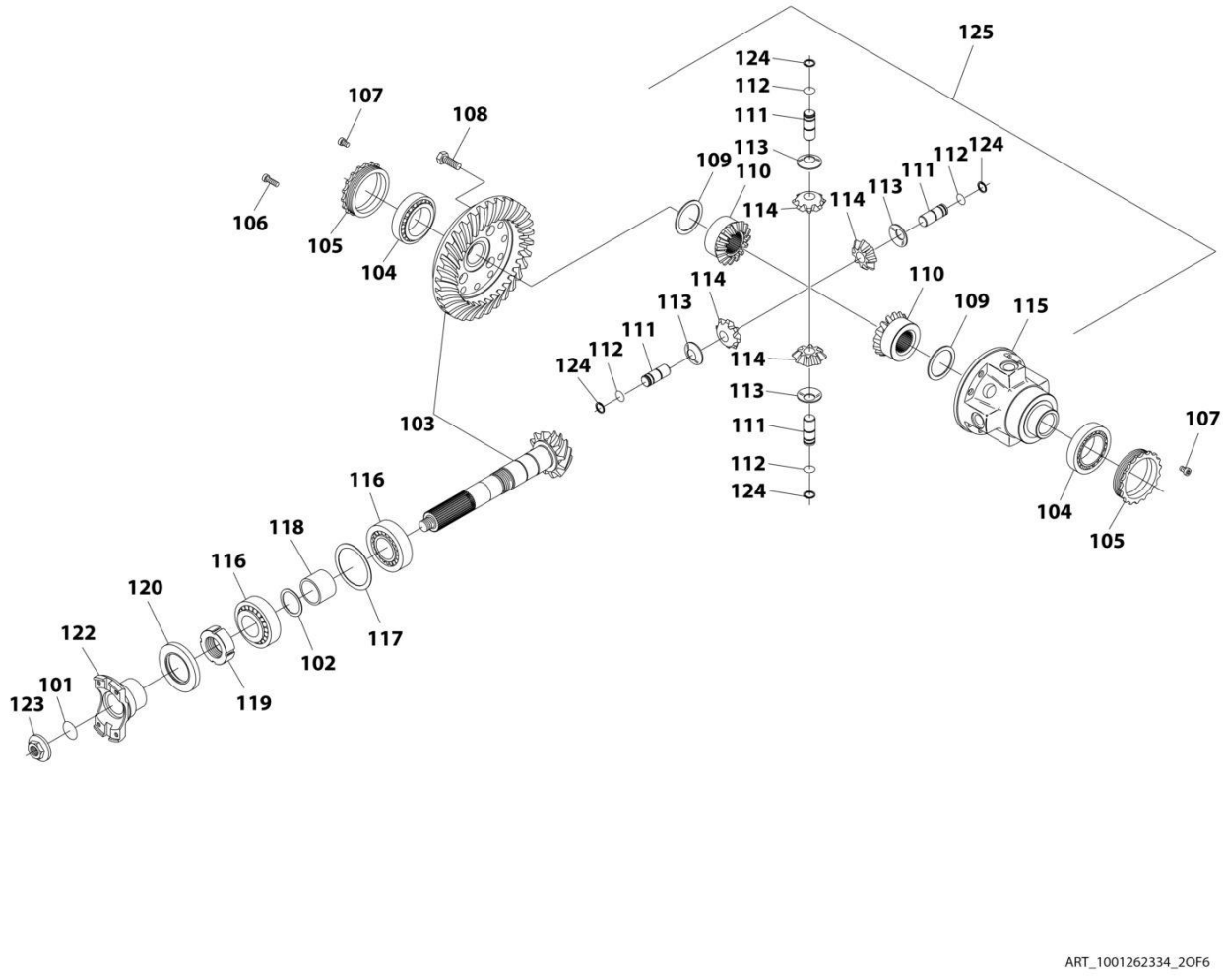


FIGURE 5-68. REAR AXLE, 74HP - DIFFERENTIAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001262334	Ref	REAR AXLE, DIFFERENTIAL	A
101	91474529	1	O-Ring	
102	70025556	1	Kit, Shim	
103	70028470	1	Bevel Gear Set	
104	70028471	2	Bearing, Taper Roller	
105	91474547	2	Nut, Ring	
106	91474591	4	Bolt	
107	91514134	2	Bolt	
108	70025562	12	Bolt	
109	91474593	2	Washer, Friction	
110	70025569	2	Gear, Differential Side	
111	7029131	4	Pin	
112	91474551	4	Circlip	
113	91474553	4	Washer, Friction	
114	70025570	4	Pinion, Differential	
115	91474595	1	Carrier, Differential	
116	3968141	2	Bearing, Taper Roller	
117	70025555	1	Kit, Shim	
118	91474539	1	Spacer	
119	91474533	1	Nut, Ring	
120	70024522	1	Seal	
122	70022797	1	Flange	
123	70026631	1	Nut	
124	91474550	4	Circlip	
125	70021140	1	Differential (includes items 109 thru 115 & 124)	

FIGURE 5-69. REAR AXLE, 74HP - HUB REDUCTION

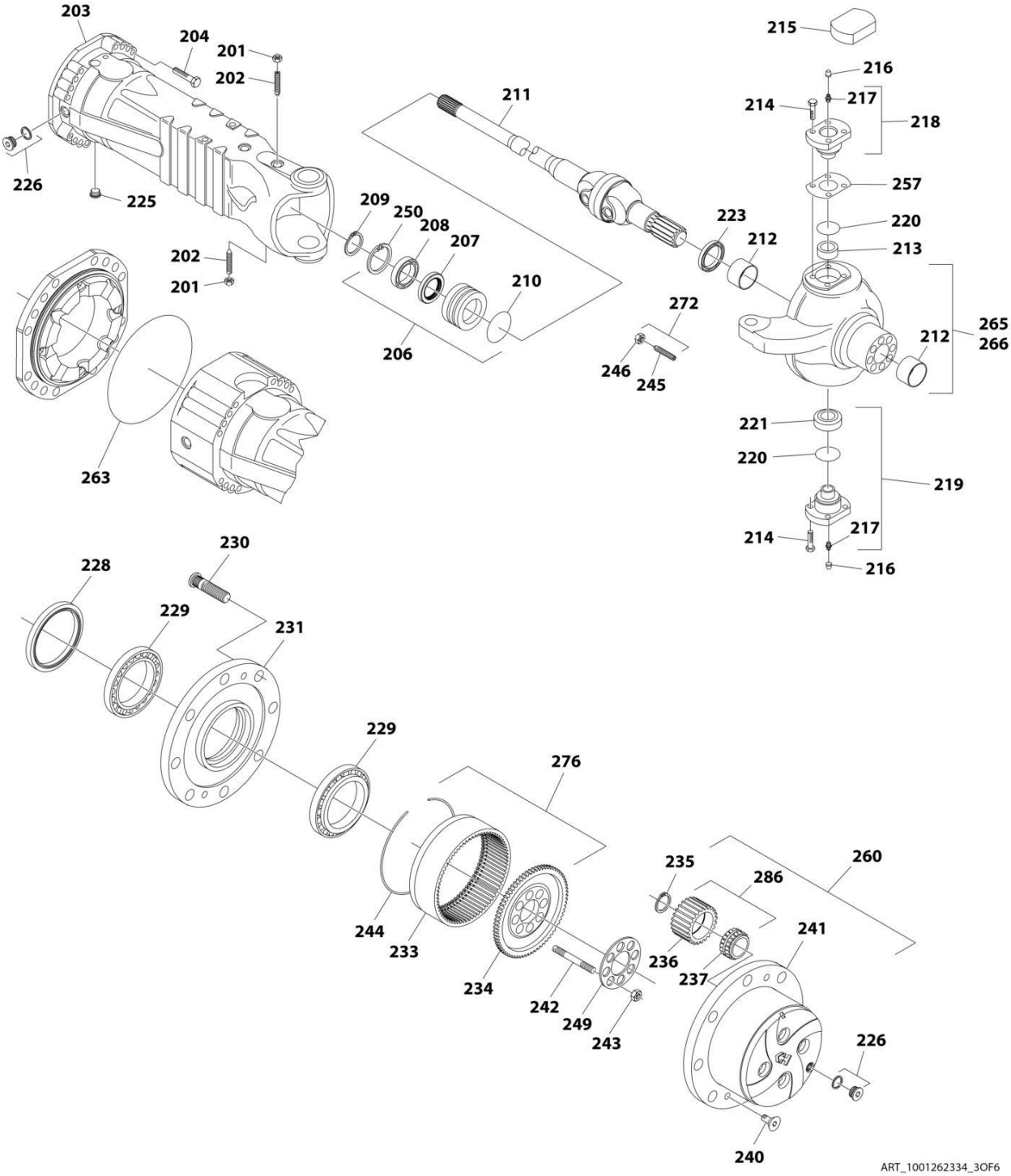


FIGURE 5-69. REAR AXLE, 74HP - HUB REDUCTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001262334	Ref	REAR AXLE, HUB REDUCTION	A
201	91514082	2	Nut	
202	91514081	2	Bolt	
203	70022798	2	Axle Case	
204	70022799	32	Bolt	
206	91514149	2	Bushing, Reduction (See Separate Breakdown in this Section)	
207	91514147	2	Seal	
208	91514146	2	Bearing, Ball	
209	80204071	2	Circlip	
210	91514148	2	O-Ring	
211	70026624	2	Joint, Double Universal	
212	91514111	2	Bushing, Thrust	
213	7028714	2	Bushing	
214	70025562	24	Bolt	
215	70028392	2	Cover	
216	80204117	2	Plug	
217	70024881	4	Fitting, Grease	
218	91514112	2	Pin, Pivot	
219	7028715	2	Pin, Pivot	
220	7028716	4	Dust Excluder	
221	91514095	2	Bearing	
223	70026238	2	Seal	
225	7028706	2	Magnet Plug	
226	91514188	4	Plug	
228	7028721	2	Seal	
229	91474576	4	Bearing	
230	91514183	20	Wheel Stud	
231	7029737	2	Wheel Hub	
233	91474580	2	Gear, Ring	
234	70026798	2	Support, Ring Gear	
235	91474585	4	Circlip	
236	70028473	8	Planet Gear	
237	70028474	8	Bearing	
240	91514189	4	Bolt, Countersunk	
241	7029286	1	Planet Gear Carrier	
242	70027315	16	Stud	
243	91474584	16	Nut	
244	91474579	2	Circlip	
245	91514117	4	Bolt	
246	80204065	4	Nut	
249	70026622	2	Plate, Locking	
250	80204005	2	Circlip	
257	91514113	1	Shim	
260	7029431	2	Kit, Planet Gear Carrier includes items (235, 236, 237 & 241)	
263	91514181	2	O-Ring	
265	70026626	1	Case, Steering (includes item 212)	
266	70026627	1	Case, Steering (includes item 212)	
272	7028733	4	Bolt, Steering Adjust (includes items 245 & 246)	
276	70026625	2	Kit, Ring Gear Support (includes items 233, 234 & 244)	
286	70027114	8	Kit, Planet Gear (includes items 236 & 237)	

FIGURE 5-70. REAR AXLE, 74HP - BRAKES

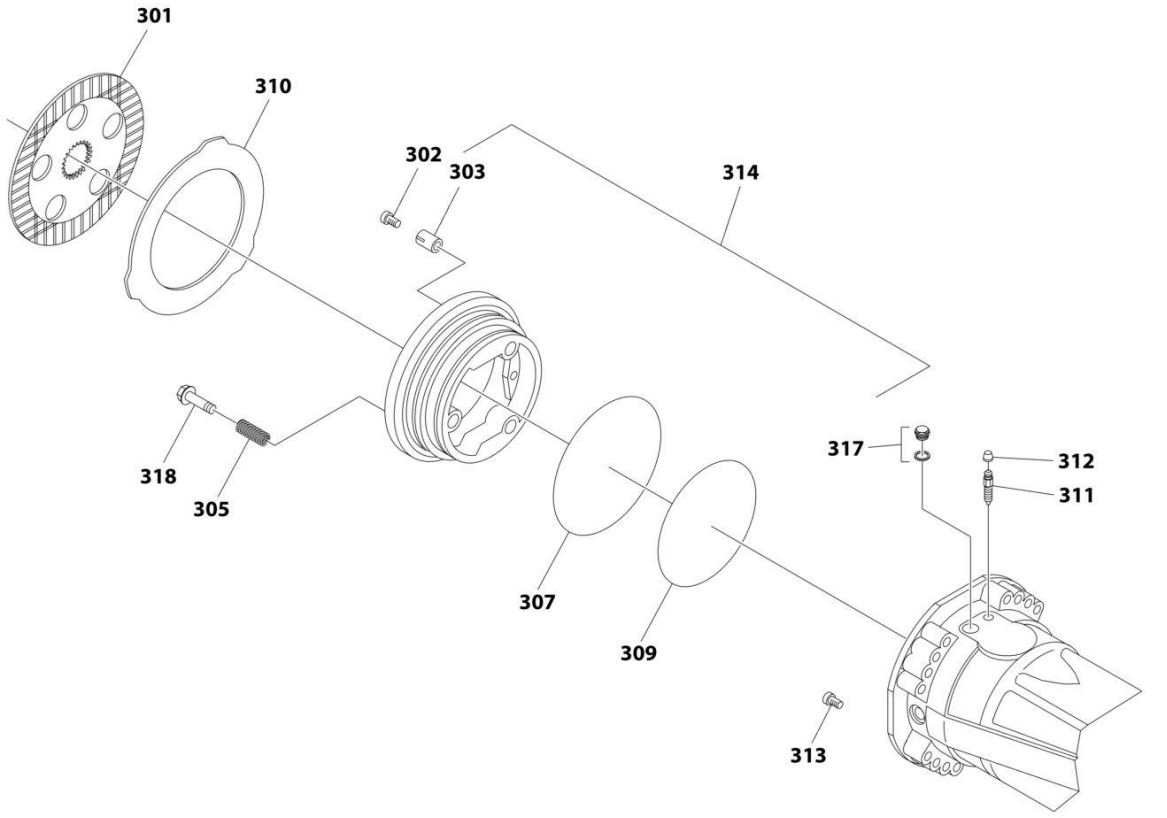
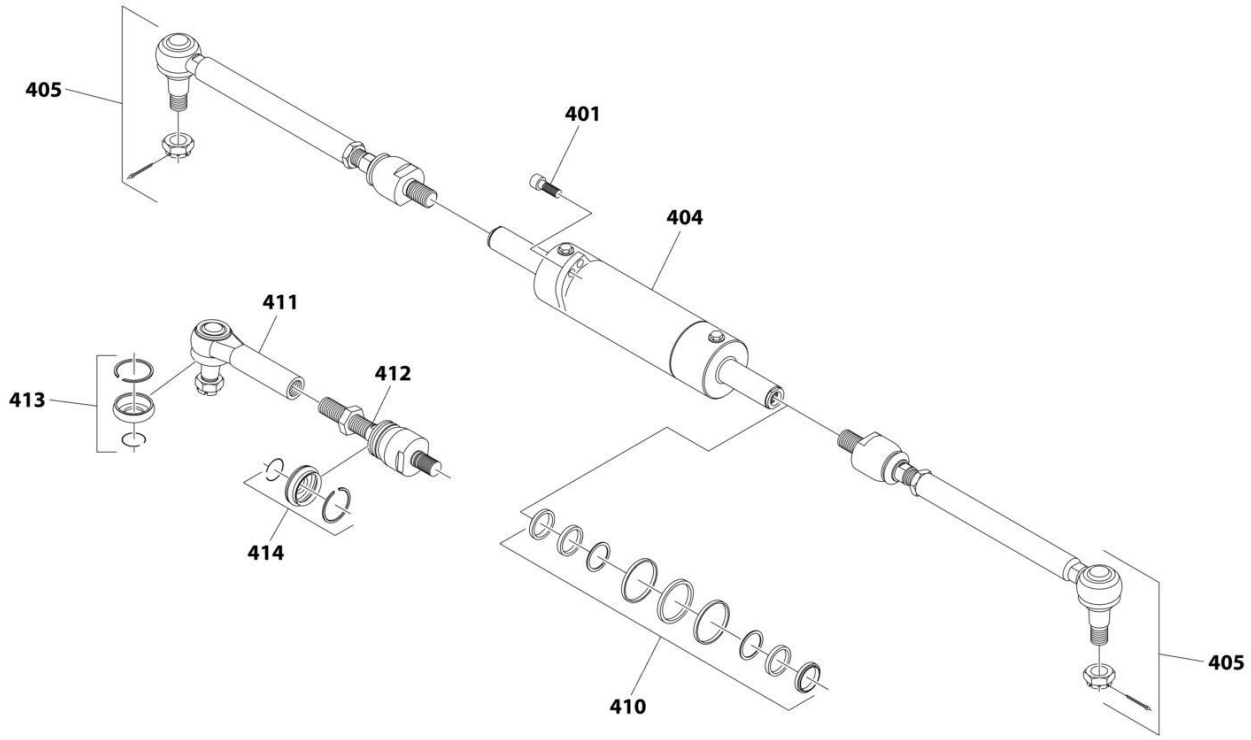


FIGURE 5-70. REAR AXLE, 74HP - BRAKES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001262334	Ref	REAR AXLE, BRAKES	A
301	91474568	6	Disc	
302	7029786	6	Bolt, Adjusting	
303	70027317	6	Spring	
305	91514159	6	Spring	
307	70025821	2	O-Ring	
309	70025822	2	O-Ring	
310	70025823	8	Disc, Intermediate Brake	
311	10725627	2	Bolt, Bleeding	
312	80204117	2	Plug	
313	70021613	2	Bolt, Pilot	
314	70027772	2	Piston (includes items 302, 303, 307 & 309)	
317	91514154	2	Bolt	
318	70024210	6	Bolt, Adjusting	

FIGURE 5-71. REAR AXLE, 74HP - STEERING



ART_1001262334_5OF6

FIGURE 5-71. REAR AXLE, 74HP - STEERING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001262334	Ref	REAR AXLE, STEERING	A
401	91474522	4	Bolt	
404	7029528	1	Cylinder	
405	70026799	2	Rod, Tie	
410	7029529	1	Kit, Seal	
411	70028475	1	Joint, 90	
412	70028476	1	Axial Joint	
413	70028477	1	Rubber Boot and Locking Ring	
414	70028468	1	Rubber Boot and Locking Ring	

FIGURE 5-72. REAR AXLE, 74HP- TRUNION

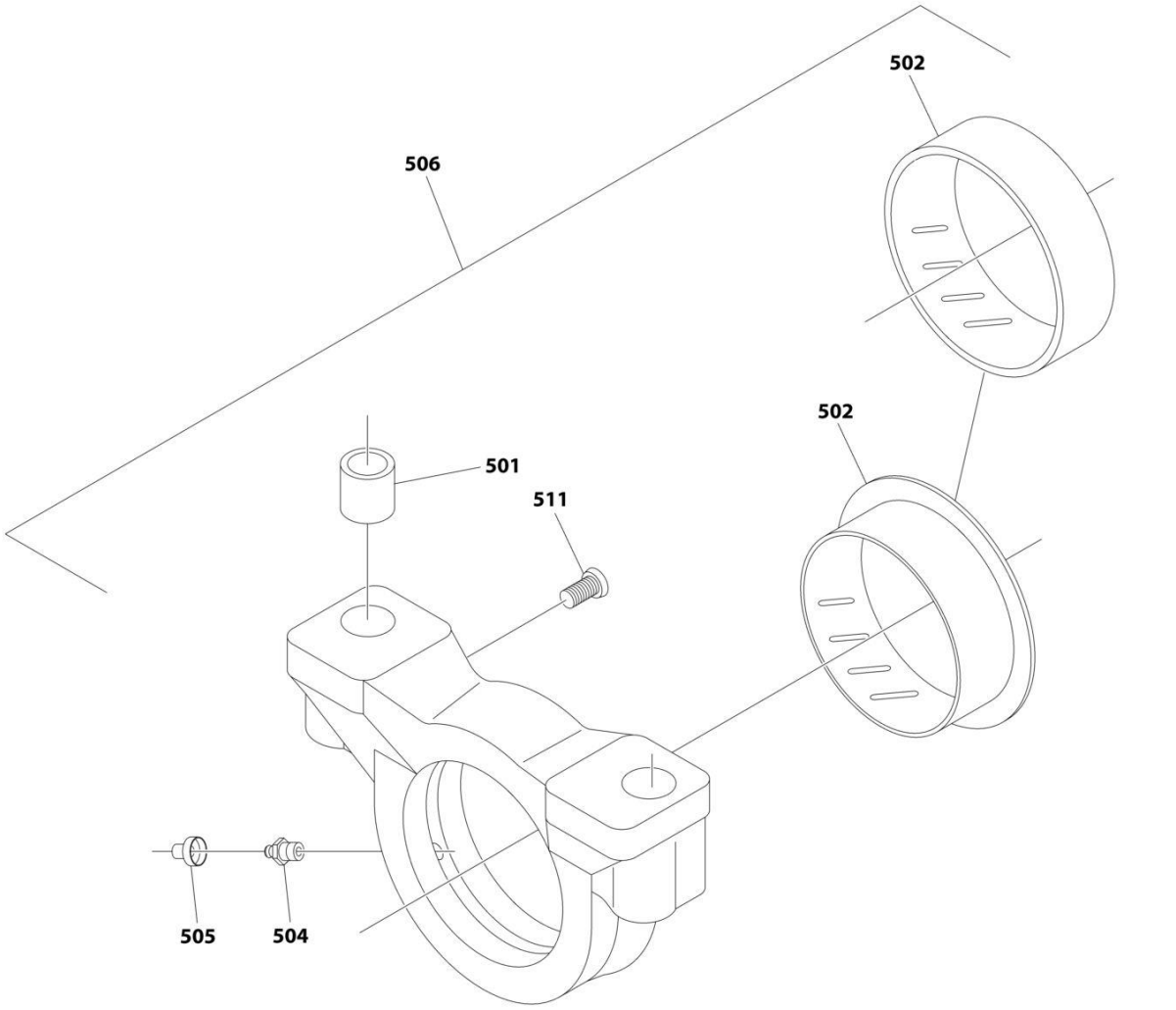
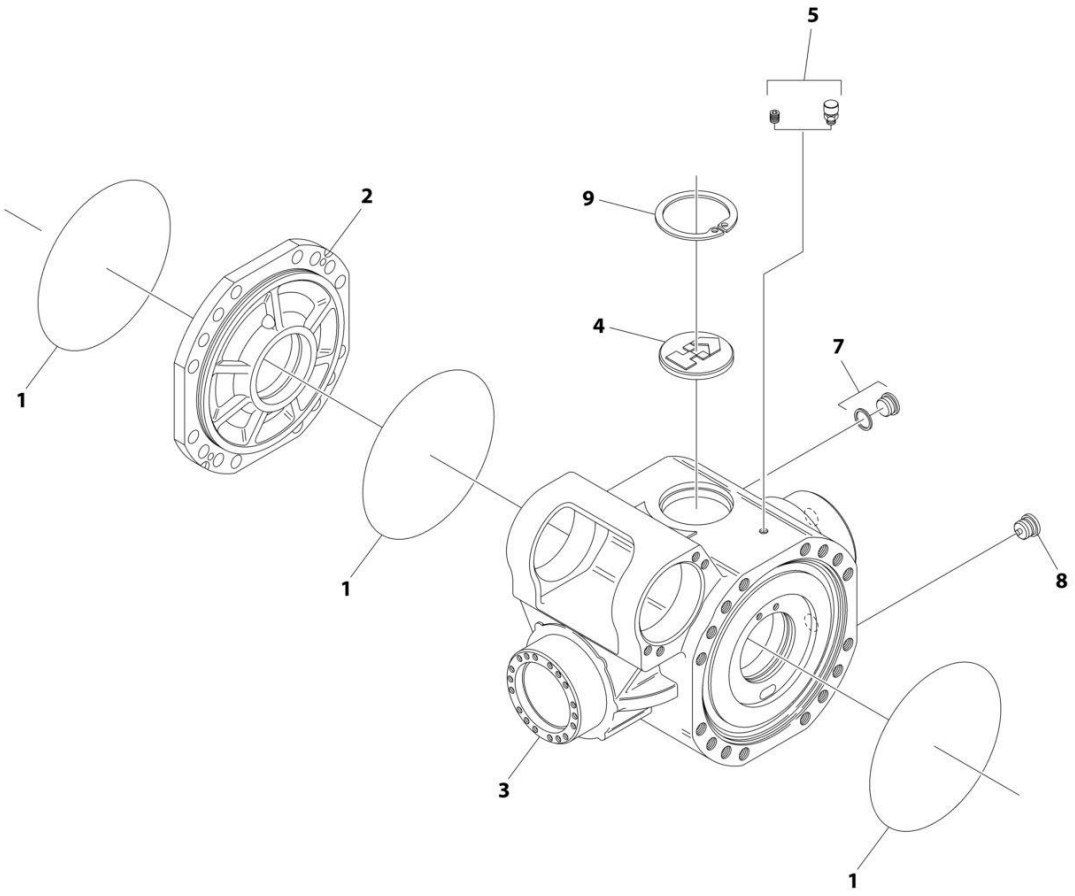
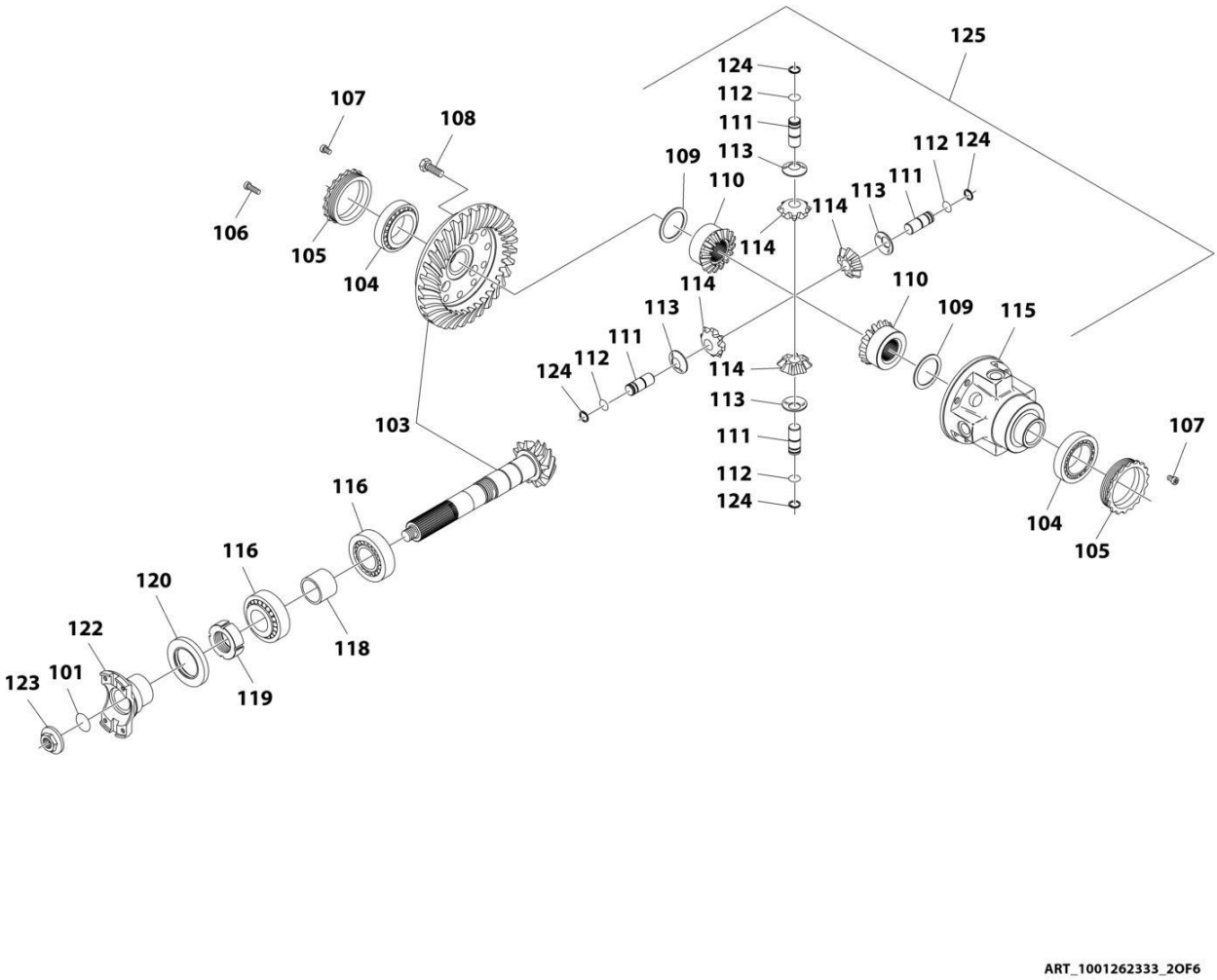


FIGURE 5-72. REAR AXLE, 74HP- TRUNION

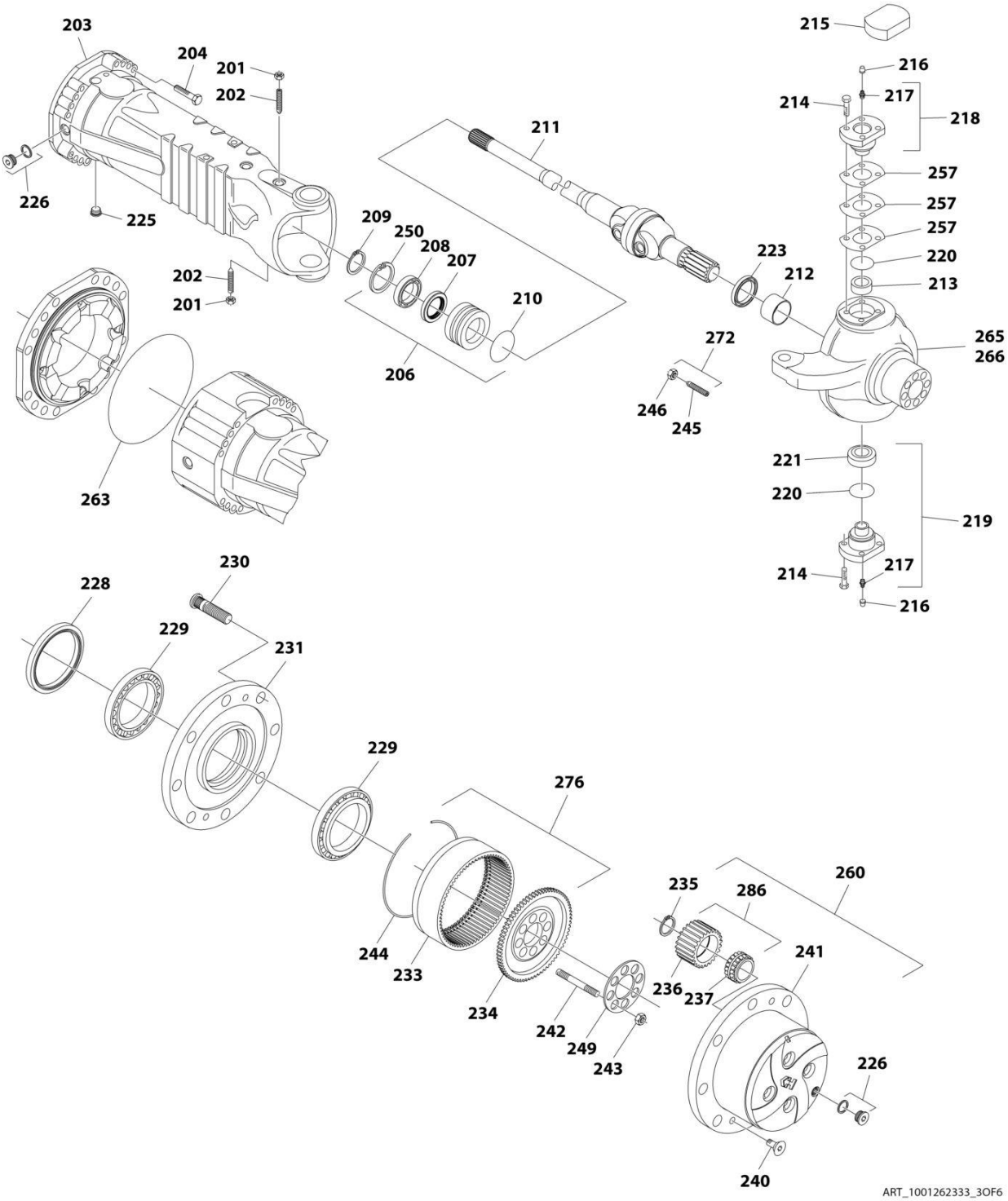
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001262334	Ref	REAR AXLE, TRUNION	A
501	91474516	4	Bushing, Reduction	
502	91474515	2	Bushing, Thrust	
504	70024881	2	Fitting, Grease	
505	80204117	2	Plug	
506	70026630	2	Kit, Support (includes items 501, 502, 504, 505 & 511)	
511	70025884	2	Bolt	

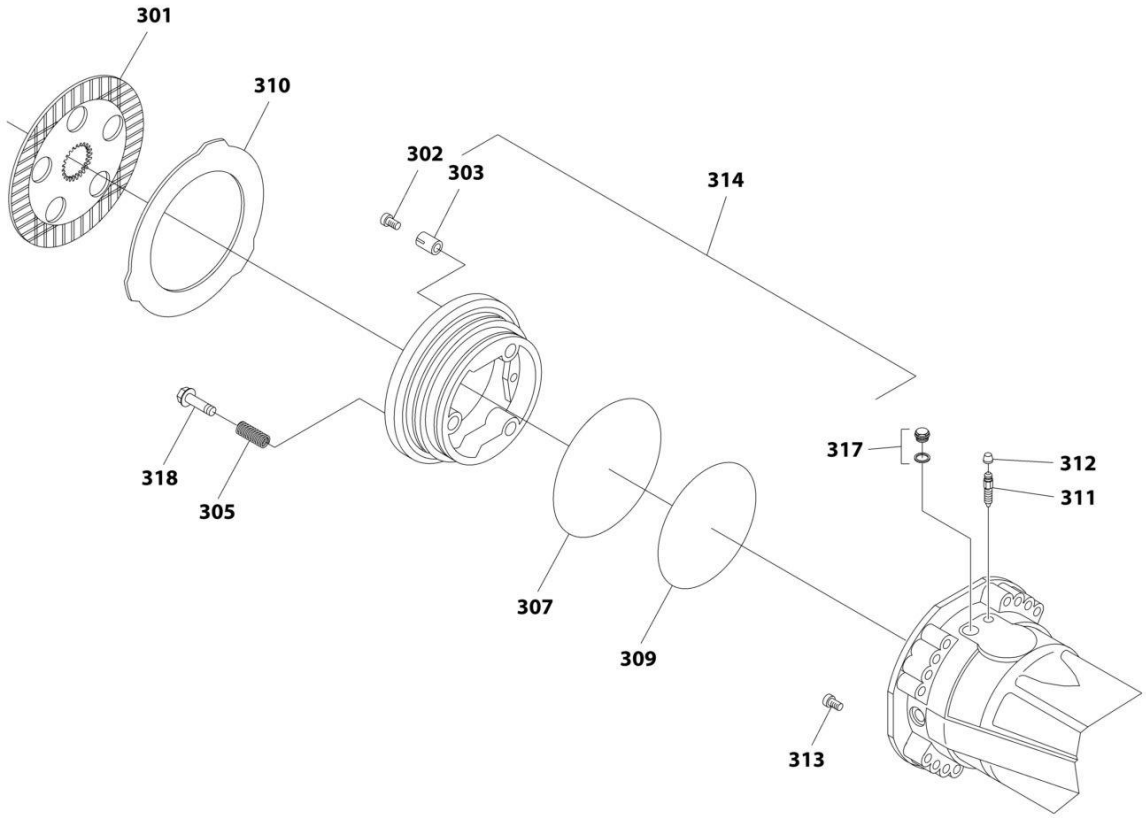
FIGURE 5-73. REAR AXLE, 110HP



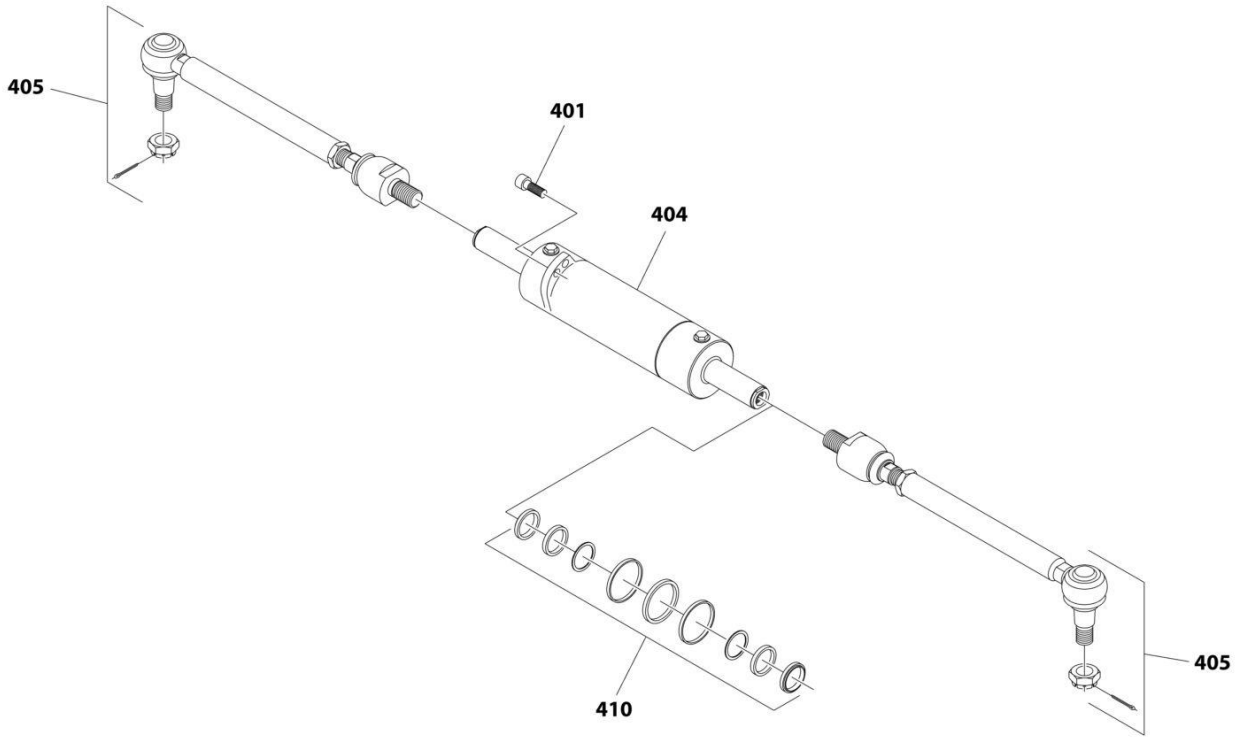

125
124
112
111
113
109
110
114
112
124
111
113
106
107
108
105
104
103
116
120
122
123
101
119
118
ART_1001262333_2OF6

SECTION 5 - DRIVE TRAIN

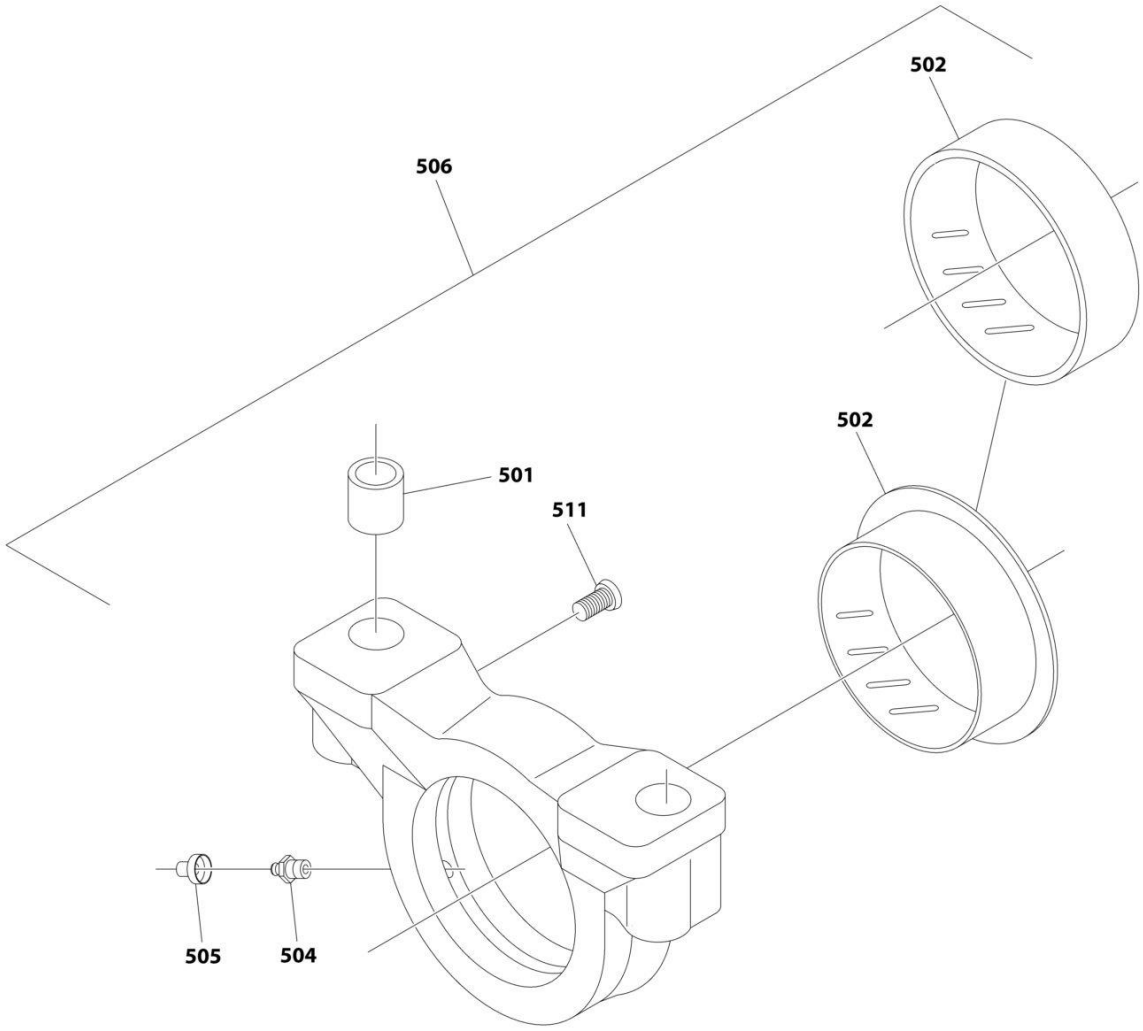




ART_1001262333_4OF6



ART_1001262333_5OF6



ART_1001262333_6OF6

FIGURE 5-73. REAR AXLE, 110HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001262333	Ref	REAR AXLE ASSEMBLY	A
		Ref	CENTRAL HOUSING ASSEMBLY	
1	91474507	3	O-Ring	
2	70024519	1	Cover	
3	70026749	1	Housing	
4	91514098	1	Plug	
5	91474512	1	Vent	
7	91514188	1	Plug	
8	7028706	1	Plug, Magnetic	
9	80204005	1	Circlip	
		Ref	DIFFERENTIAL ASSEMBLY	
101	91474529	1	O-Ring	
103	70026634	1	Bevel Gear Set	
104	70028471	2	Bearing, Taper Roller	
105	91474547	2	Nut, Ring	
106	91474591	4	Bolt	
107	91514134	2	Bolt	
108	70025562	12	Bolt	
109	91474593	2	Washer, Friction	
110	70025569	2	Differential Side Gear	
111	7029131	4	Pin	
112	91474551	4	Circlip	
113	91474553	4	Washer, Friction	
114	70025570	4	Pinion, Differential	
115	91474595	1	Carrier, Differential	
116	3968141	2	Bearing, Taper Roller	
118	91474539	1	Spacer	
119	91474533	1	Nut, Ring	
120	70024522	1	Seal	
122	70022797	1	Flange	
123	70026631	1	Nut	
124	91474550	4	Circlip	
125	70021140	1	Differential (includes items 109-115 & 124)	
		Ref	HUB REDUCTION ASSEMBLY	
201	91514082	2	Nut	
202	91514081	2	Bolt	
203	70022798	2	Axle Case	
204	70022799	32	Bolt	
206	91514149	2	Reduction Bushing (includes items 207, 208, 210 & 250)	
207	91514147	2	Seal	
208	91514146	2	Bearing, Ball	
209	80204071	2	Circlip	
210	91514148	2	O-Ring	
211	70026624	2	Joint, Double Universal	
212	91514111	2	Bushing, Thrust	
213	7028714	2	Bushing	
214	70025562	24	Bolt	
215	70028392	2	Cover	
216	80204117	2	Plug	
217	70024881	4	Fitting, Grease	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
218	91514112	2	Pin, Pivot (Includes Item 217)	
219	7028715	2	Pin, Pivot (Includes Item 217, 220 & 221)	
220	7028716	4	Seal, Dust	
221	91514095	2	Bearing	
223	70026238	2	Seal	
225	7028706	2	Plug, Magnetic	
226	91514188	4	Plug	
228	7028721	2	Seal	
229	91474576	4	Bearing	
230	91514183	20	Wheel Stud	
231	7029737	2	Wheel Hub	
233	91474580	2	Ring Gear	
234	70026798	2	Support, Ring Gear	
235	91474585	4	Circlip	
236	91474586	8	Planet Gear	
237	91474587	8	Bearing	
240	91514189	4	Bolt, Countersunk	
241	7029286	1	Carrier, Planet Gear	
242	70027315	16	Stud	
243	91474584	16	Nut	
244	91474579	2	Circlip	
245	7028733	4	Bolt	
246	80204065	4	Nut	
249	70026622	2	Plate, Locking	
250	80204005	2	Circlip	
257	91514113	2	Shim	
257	91514114	2	Shim	
257	91514115	2	Shim	
260	7029431	2	Planet Gear Carrier (includes items 235-237 & 241)	
263	91514181	2	O-Ring	
265	70026626	1	Case, Steering (includes item 212)	
266	70026627	1	Case, Steering (includes item 212)	
272	7028733	4	Bolt, Steering Adjust (includes items 245 & 246)	
276	70026625	2	Kit, Ring Gear Support (includes items 233, 234 & 244)	
286	70027114	8	Kit, Planet Gear (includes items 236 & 237)	
		Ref	BRAKE ASSEMBLY	
301	91474568	6	Disc	
302	7029786	6	Bolt, Adjusting	
303	70027317	6	Spring	
305	91514159	6	Spring	
307	70025821	2	O-Ring	
309	70025822	2	O-Ring	
310	70025823	8	Disc, Intermediate Brake	
311	10725627	2	Bolt, Bleeding	
312	80204117	2	Plug	
313	70021613	2	Bolt	
314	70027772	2	Piston (includes items 302, 303, 307 & 309)	
317	91514154	2	Bolt	
318	70024210	6	Bolt	
		Ref	STEERING ASSEMBLY	
401	91474522	4	Bolt	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
404	7029528	1	Cylinder	
405	70026799	2	Rod, Tie	
410	7029529	1	Kit, Seal	
		Ref	TRUNION ASSEMBLY	
501	91474516	4	Bushing, Reduction	
502	91474515	2	Bushing, Thrust	
504	70024881	2	Fitting, Grease	
505	80204117	2	Plug	
506	70026630	2	Kit, Support (includes items 501, 502, 504, 505 & 511)	
511	70025884	2	Bolt	

FIGURE 5-74. REAR AXLE, LSI SENSOR INSTALLATION

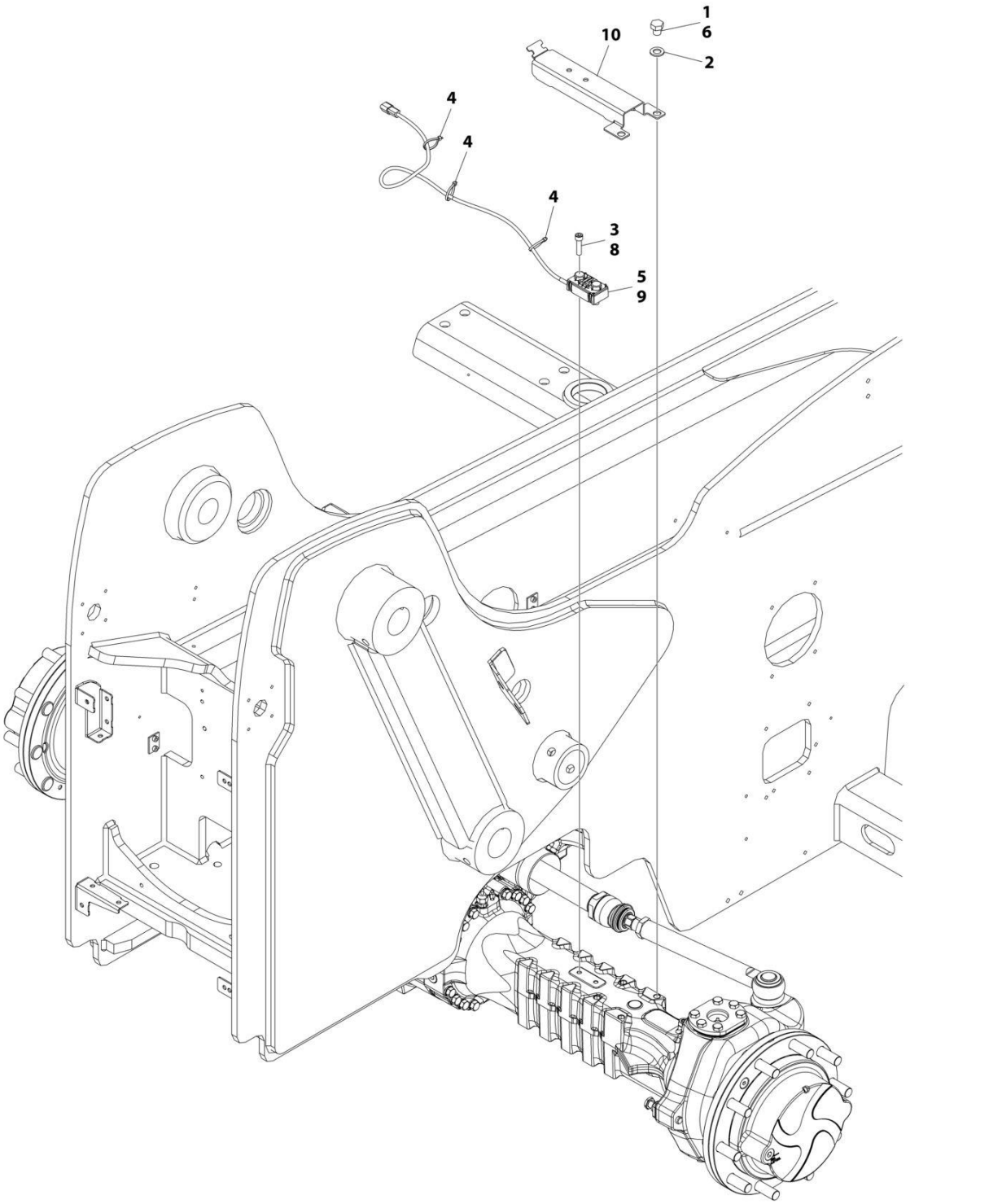


FIGURE 5-74. REAR AXLE, LSI SENSOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258798	Ref	LSI AXLE SENSOR INSTALLATION	B
1	0761608	2	Bolt M16 x 16	
2	4812300	2	Washer M16	
3	5272012	2	Bolt M10 x 40	
4	1001008559	3	Strap, Cable	
5	1001116128	AR	Seal	
6	1001125465	AR	Locking, Compound	
8	1001289296	AR	Adhesive	
9	1001289105	1	Sensor, Rear Axle	
10	1001290670	1	Bracket	

FIGURE 5-75. TIRE/WHEEL SET 315/95-28 SOLID CONTINENTAL

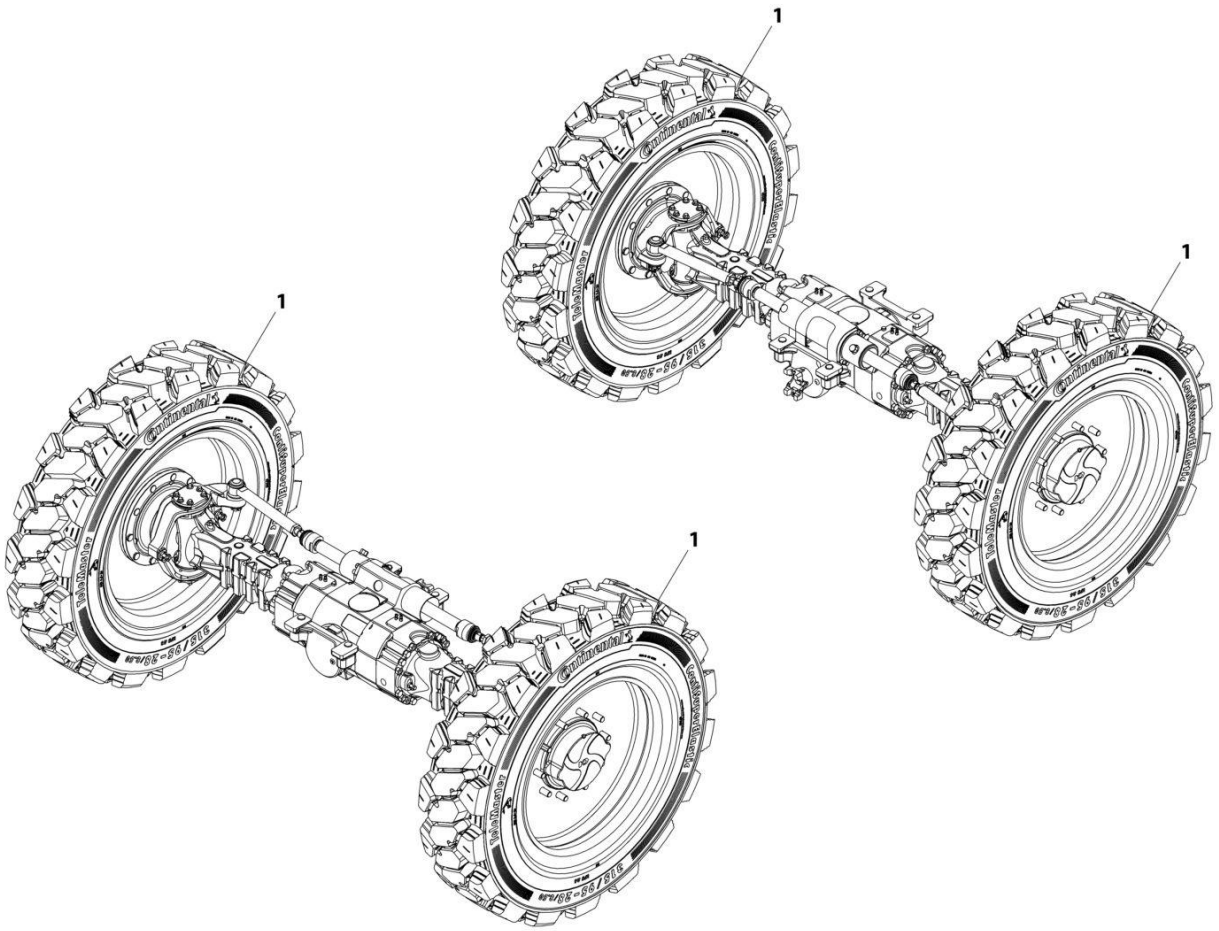


FIGURE 5-75. TIRE/WHEEL SET 315/95-28 SOLID CONTINENTAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221503	1	Tire/Wheel Set 315/95-28 - Solid	A
1	1001213199J	4	Tire/Wheel Solid 315/95-28/8.50 - 8M Offset	

FIGURE 5-76. TIRE/WHEEL SET 370/75-28 PNEUMATIC

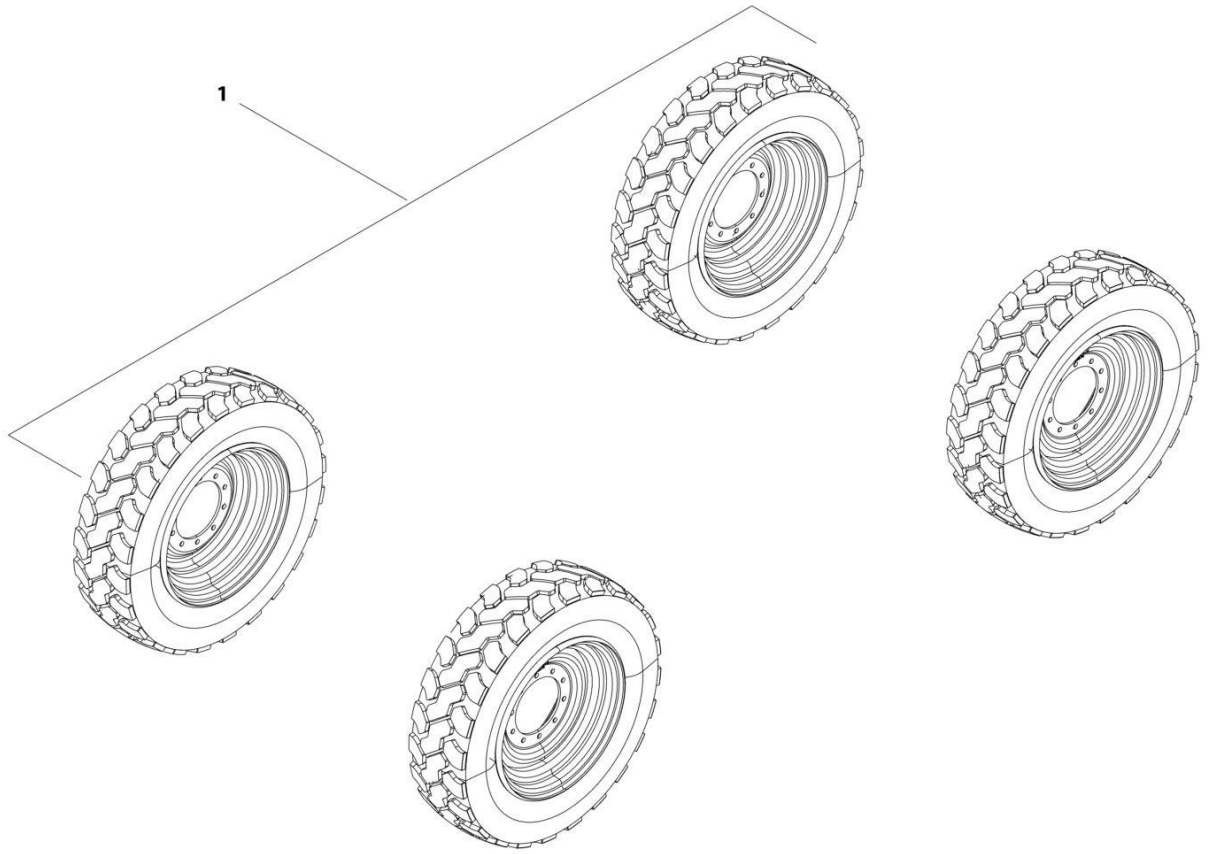


FIGURE 5-76. TIRE/WHEEL SET 370/75-28 PNEUMATIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001120963	Ref	Tire/Wheel Set 370/75-28 - Air	B
1	1001100323	4	Assembly, Tire/Wheel 370/75-28 - Air	
1	8786514	4	Valve, Air (1 per assembly)	
1	1001099976	4	Wheel (1 per assembly)	
1	1001100284	4	Tire (1 per assembly)	

FIGURE 5-77. TIRE/WHEEL SET 370/75-28 PNEUMATIC NON-MARKING

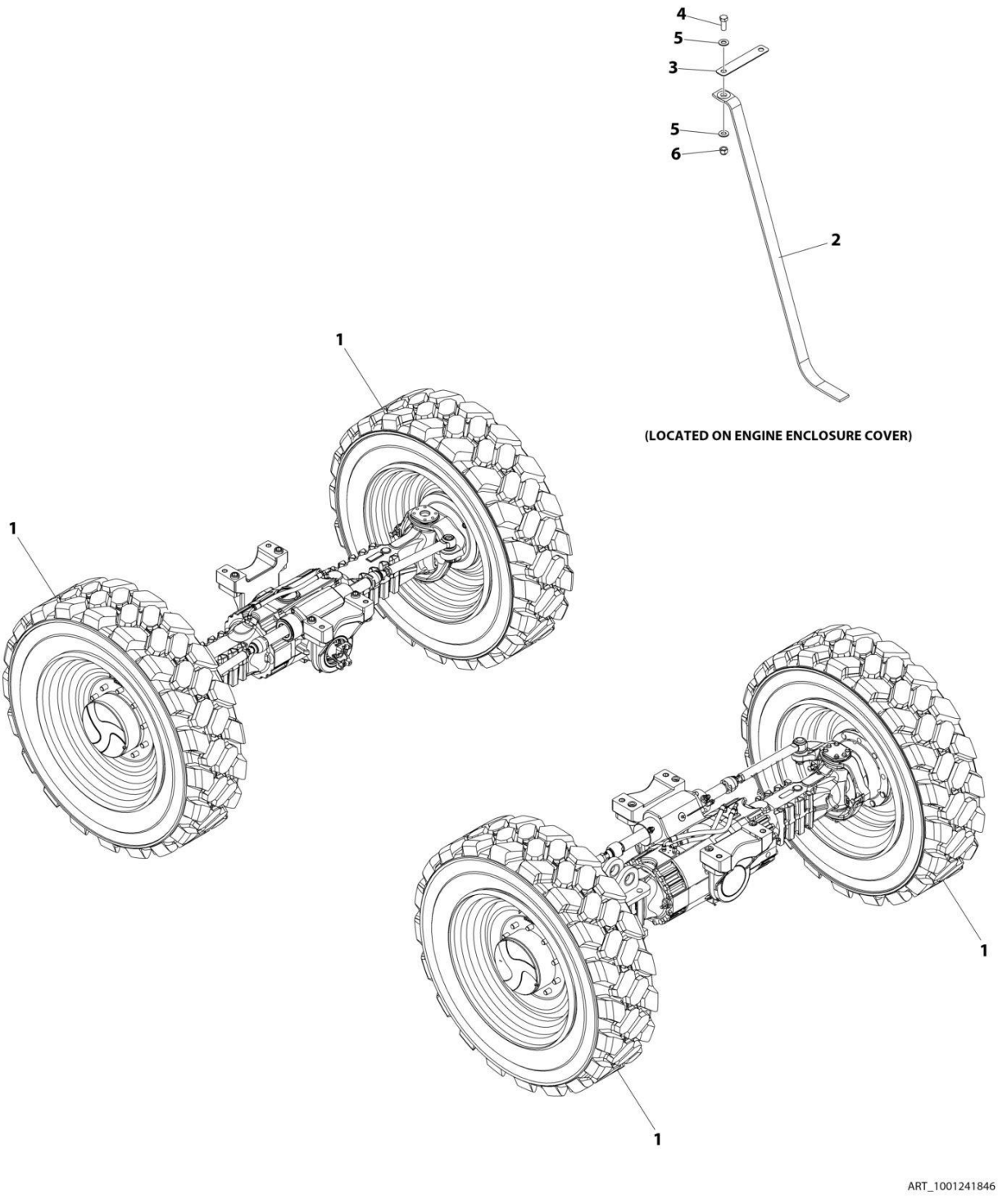


FIGURE 5-77. TIRE/WHEEL SET 370/75-28 PNEUMATIC NON-MARKING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241846	Ref	TIRE SET, 370/75-28 - PNEUMATIC NON-MARKING	B
1	1001241839	4	Tire and Wheel Assembly	
1	8786514	4	Valve, Air (1 per assembly)	
1	1001099976	4	Wheel (1 per assembly)	
1	1001241838	4	Tire 370/75-28 Non-Marking (1 per assembly)	
2	1001275637	1	Strap, Anti-Static	
3	1001275638	1	Bracket, Anti-Static Strap	
4	8303620	1	Bolt 3/8 x 1	
5	8307110	2	Washer 3/8	
6	8305645	1	Nut 3/8	

FIGURE 5-78. TIRE/WHEEL SET 370/75-28 FOAM-FILLED

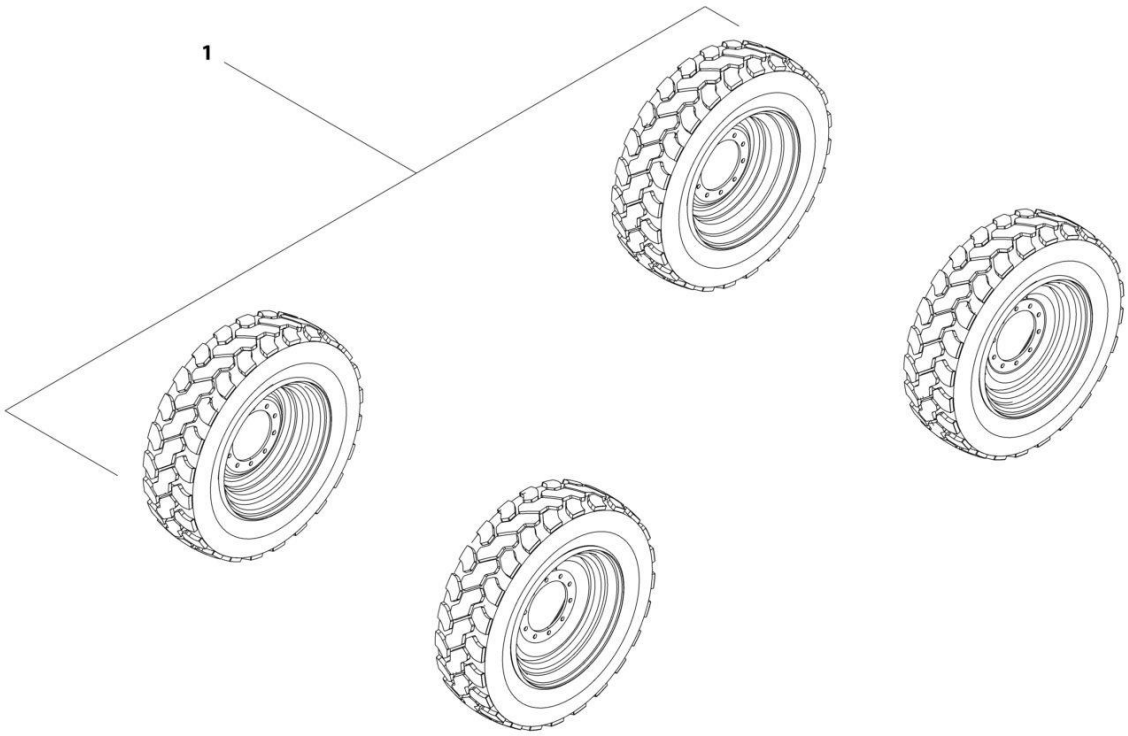


FIGURE 5-78. TIRE/WHEEL SET 370/75-28 FOAM-FILLED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001121519	Ref	Tire/Wheel Set 370/75-28 - Foam	B
		Ref	Note: Assemblies require ballast/foam filling to manufacture's specifications prior to installing on machine. Refer to Operation & Safety or Service & Maintenance Manuals.	
		Ref	Purchase individual tire and/or wheel only if able to foam fill tire & wheel assembly, otherwise purchase complete assembly.	
1	1001121101	4	Tire/Wheel Assembly 370/75-28 Foam	
1	8786514	4	Valve, Air (1 per assembly)	
1	1001099976	4	Wheel (1 per assembly)	
1	1001100284	4	Tire 370/75-28 Non-Marking (1 per assembly)	

FIGURE 5-79. TIRE/WHEEL SET 370/75-28 FOAM-FILLED NON-MARKING

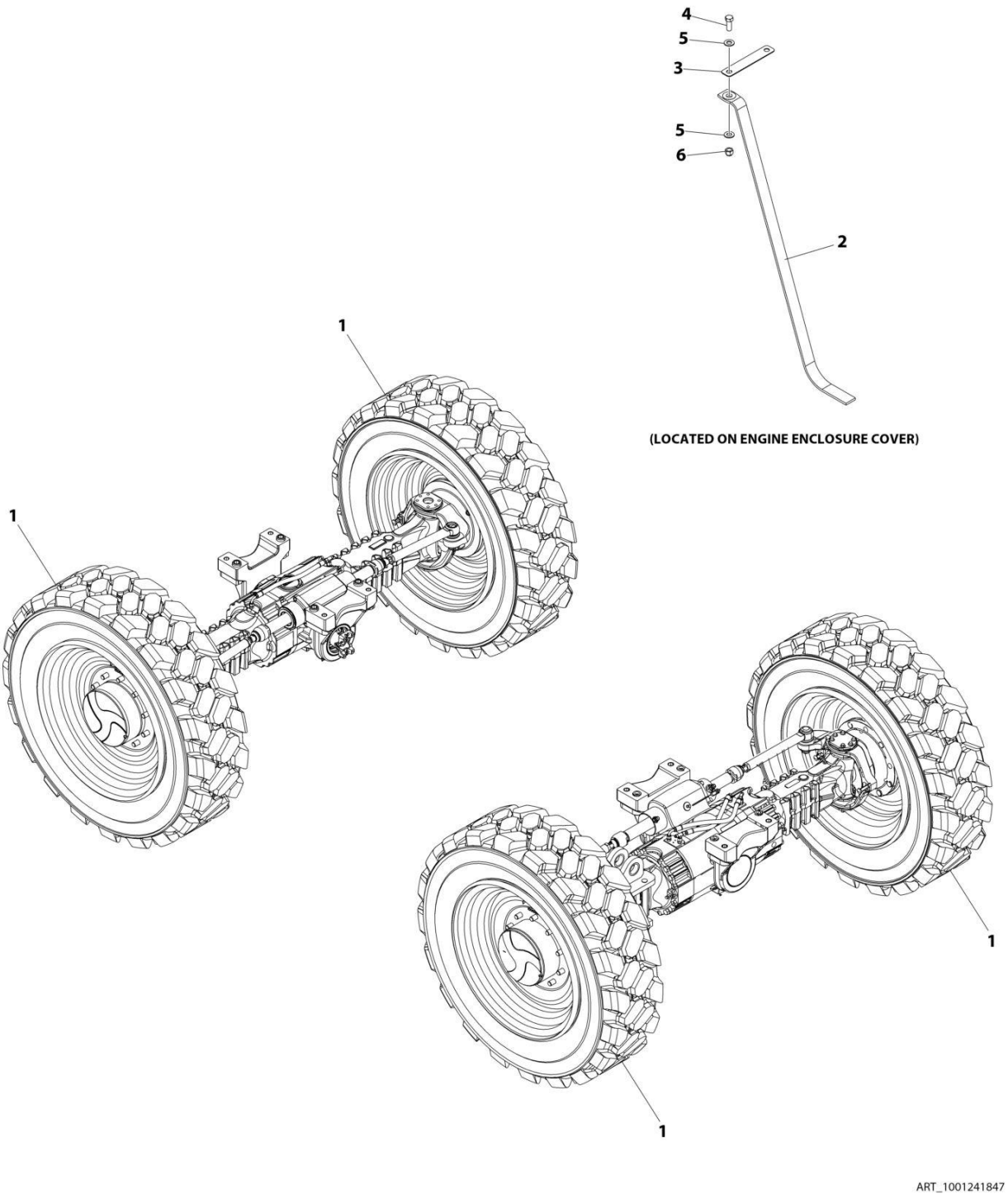


FIGURE 5-79. TIRE/WHEEL SET 370/75-28 FOAM-FILLED NON-MARKING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241847	Ref	TIRE/WHEEL SET, 370/75-28 - FOAM NON-MARKING	B
		Ref	Note: Assemblies require ballast/foam filling to manufacture's specifications prior to installing on machine. Refer to Operation & Safety or Service & Maintenance Manuals.	
		Ref	Purchase individual tire and/or wheel only if able to foam fill tire & wheel assembly, otherwise purchase complete assembly.	
1	1001241840	4	Tire and Wheel, 370/75-28 - Foam Non-Marking	
1	8786514	4	Valve, Air (1 per assembly)	
1	1001099976	4	Wheel (1 per assembly)	
1	1001241838	4	Tire 370/75-28 Non-Marking (1 per assembly)	
2	1001275637	1	Strap, Anti-Static	
3	1001275638	1	Bracket, Anti-Static Strap	
4	8303620	1	Bolt 3/8 x 1	
5	8307110	2	Washer 3/8	
6	8305645	1	Nut 3/8	

FIGURE 5-80. TIRE/WHEEL SET 13-24/16PR PNEUMATIC

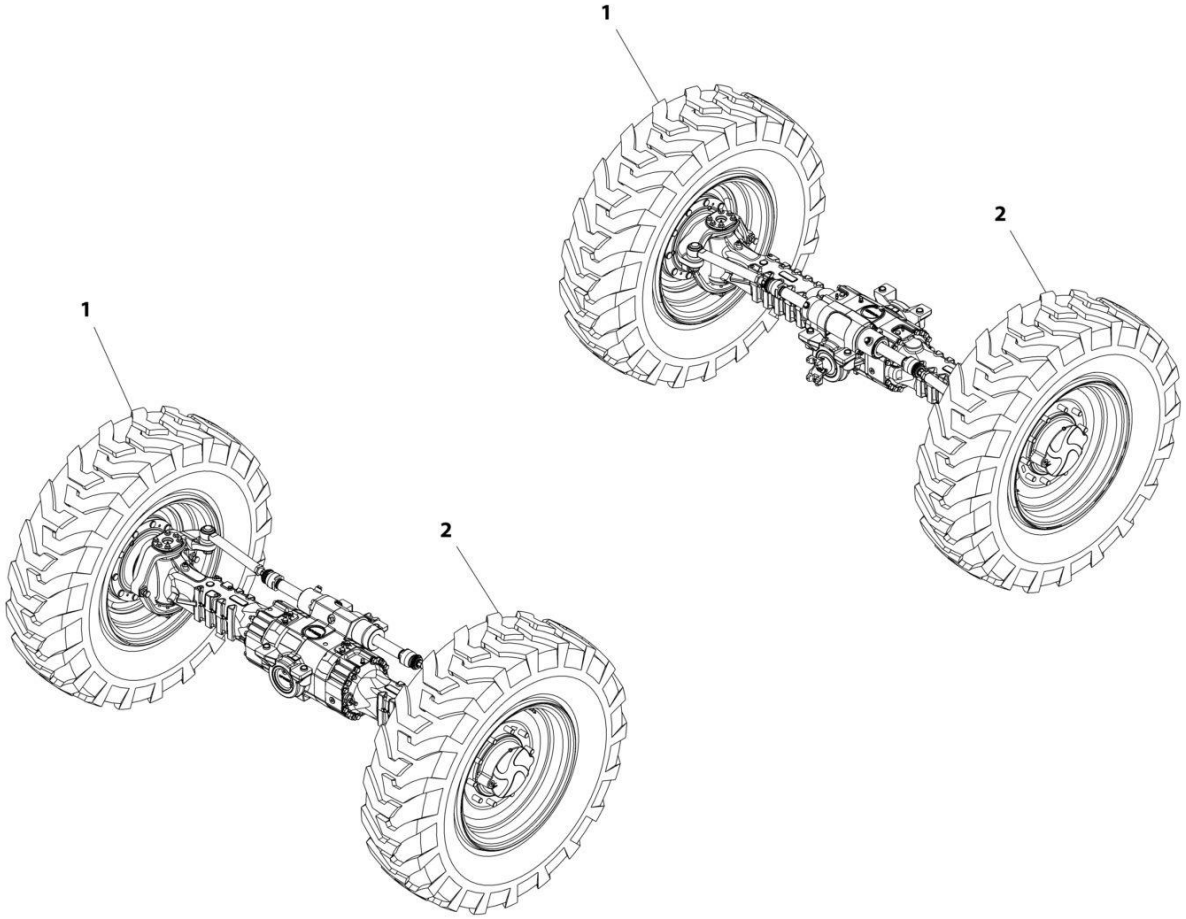


FIGURE 5-80. TIRE/WHEEL SET 13-24/16PR PNEUMATIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200151	1	Tire/Wheel Set 13-24 16PR - Air	A
1	1001199808	2	Assembly, Tire/Wheel Right 13-24 16PR - Air	
1	8786514	1	Valve, Stem	
1	91473206	1	Wheel, 24x9.00 GR	
1	1001199807	1	Tire, 13.00x24 TG 16 PLY G2, BIAS	
2	1001199810	2	Assembly, Tire/Wheel Left 13-24 16PR - Air	
2	8786514	1	Valve, Stem	
2	91473206	1	Wheel, 24x9.00 GR	
2	1001199807	1	Tire, 13.00x24 TG 16 PLY G2, BIAS	

FIGURE 5-81. TIRE/WHEEL SET 13-24/16PR FOAM-FILLED

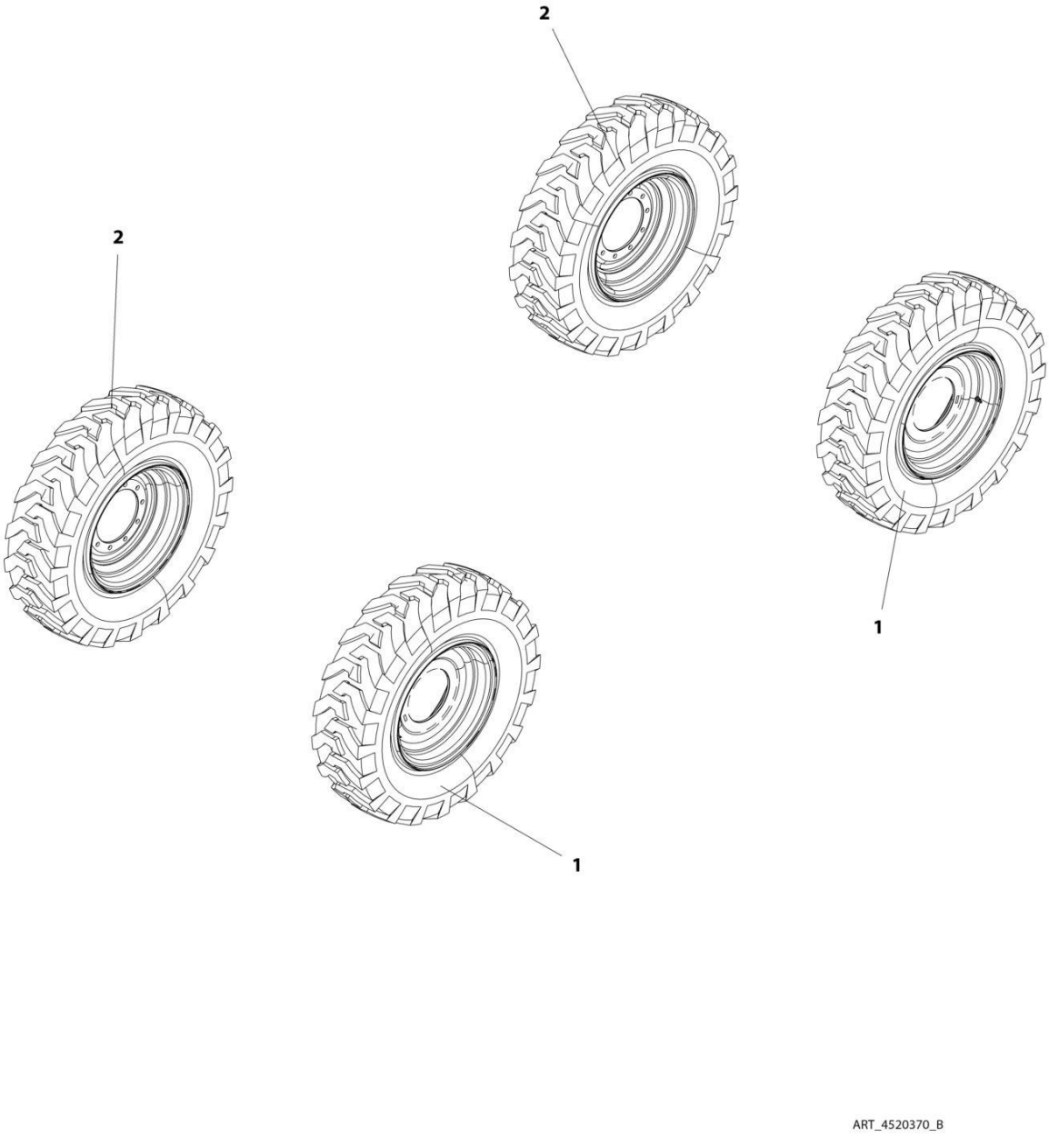


FIGURE 5-81. TIRE/WHEEL SET 13-24/16PR FOAM-FILLED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4520370	Ref	Tire/Wheel Set 13-24 12PR - Foam	B
		Ref	Note: Assemblies require ballast/foam filling to manufacture's specifications prior to installing on machine. Refer to Operation & Safety or Service & Maintenance Manuals.	
		Ref	Purchase individual tire and/or wheel only if able to foam fill tire & wheel assembly, otherwise purchase complete assembly.	
1	91475054	2	Tire/Wheel Assembly - RH 13-24 G-2 - Foam	
1	8780031	2	Tire, 13.00x24 TG 16 PLY G2, BIAS (1 Per Assembly)	
1	8786514	2	Valve, Stem (1 Per Assembly)	
1	91473206	2	Wheel, 24x9.00 GR (1 Per Assembly)	
2	91475055	2	Tire/Wheel Assembly - LH 13-24 G-2 - Foam	
2	8780031	2	Tire, 13.00x24 TG 16 PLY G2, BIAS (1 Per Assembly)	
2	8786514	2	Valve, Stem (1 Per Assembly)	
2	91473206	2	Wheel, 24x9.00 GR (1 Per Assembly)	

FIGURE 5-82. TIRE/WHEEL SET 13-24 SOLIDBOSS (DIRECTIONAL)

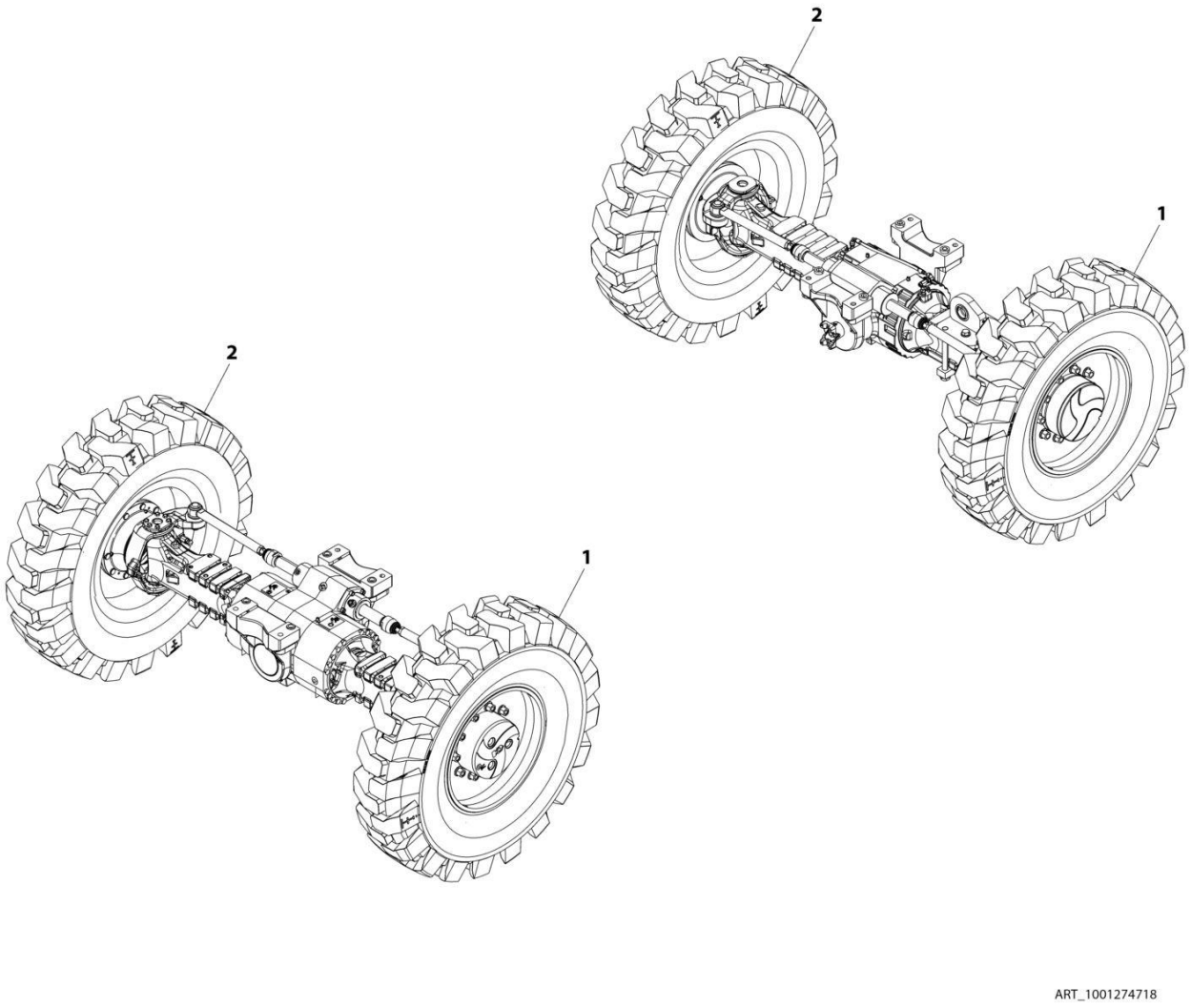


FIGURE 5-82. TIRE/WHEEL SET 13-24 SOLIDBOSS (DIRECTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274718	Ref	TIRE/WHEEL SET 13-24 SOLIDBOSS (DIRECTIONAL)	A
1	1001274715	2	Tire/Wheel Left 13X24 - Solid	
2	1001274717	2	Tire/Wheel Right 13X24 - Solid	

FIGURE 5-83. TIRE/WHEEL SET 13-24 SOLIDEAL (DIRECTIONAL)

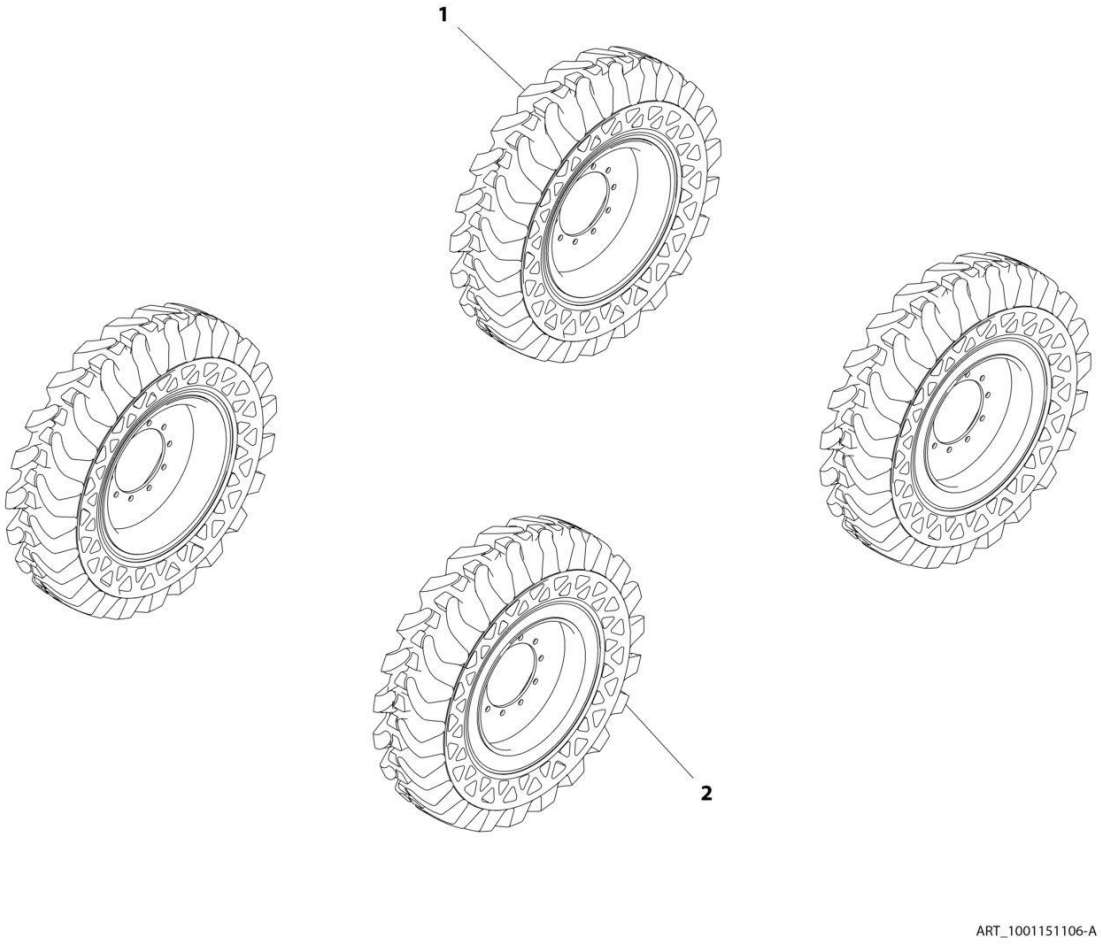


FIGURE 5-83. TIRE/WHEEL SET 13-24 SOLIDEAL (DIRECTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001151106	1	Tire/Wheel Set 13-24 - Solid	A
1	1001151097	2	Tire/Wheel Left 13-24 .219 - Offset	
2	1001151098	2	Tire/Wheel Right 13-24 .219 - Offset	

FIGURE 5-84. TIRE/WHEEL SET 13-28 SOLIDBOSS (DIRECTIONAL)

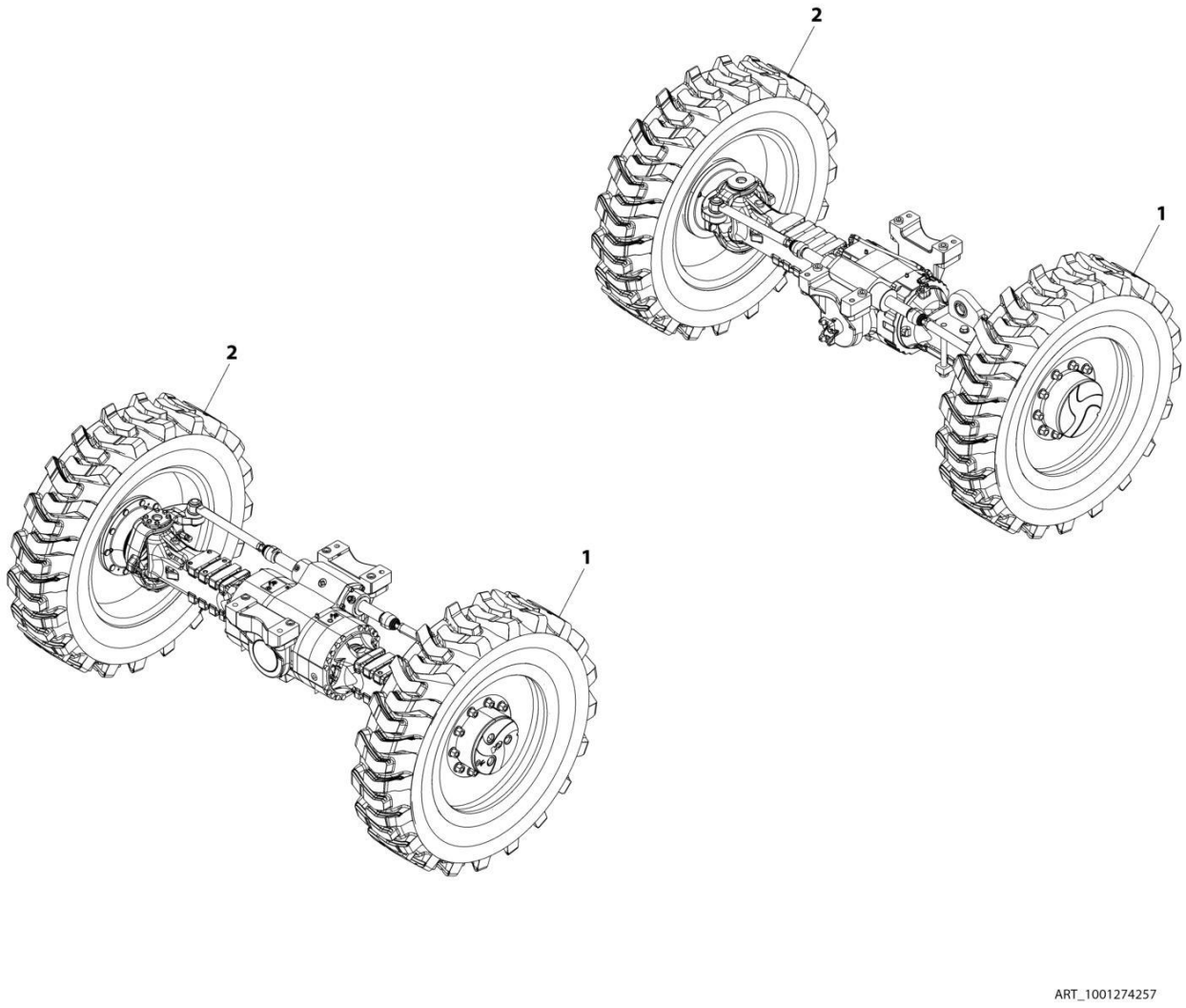


FIGURE 5-84. TIRE/WHEEL SET 13-28 SOLIDBOSS (DIRECTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274257	Ref	TIRE/WHEEL SET 13-28 SOLIDBOSS (DIRECTIONAL)	A
1	1001274255	2	Tire/Wheel Left 13X28 - Solid	
2	1001274256	2	Tire/Wheel Right 13X28 - Solid	

FIGURE 5-85. TIRE/WHEEL SET 13-28 SOLIDBOSS (NON-DIRECTIONAL)

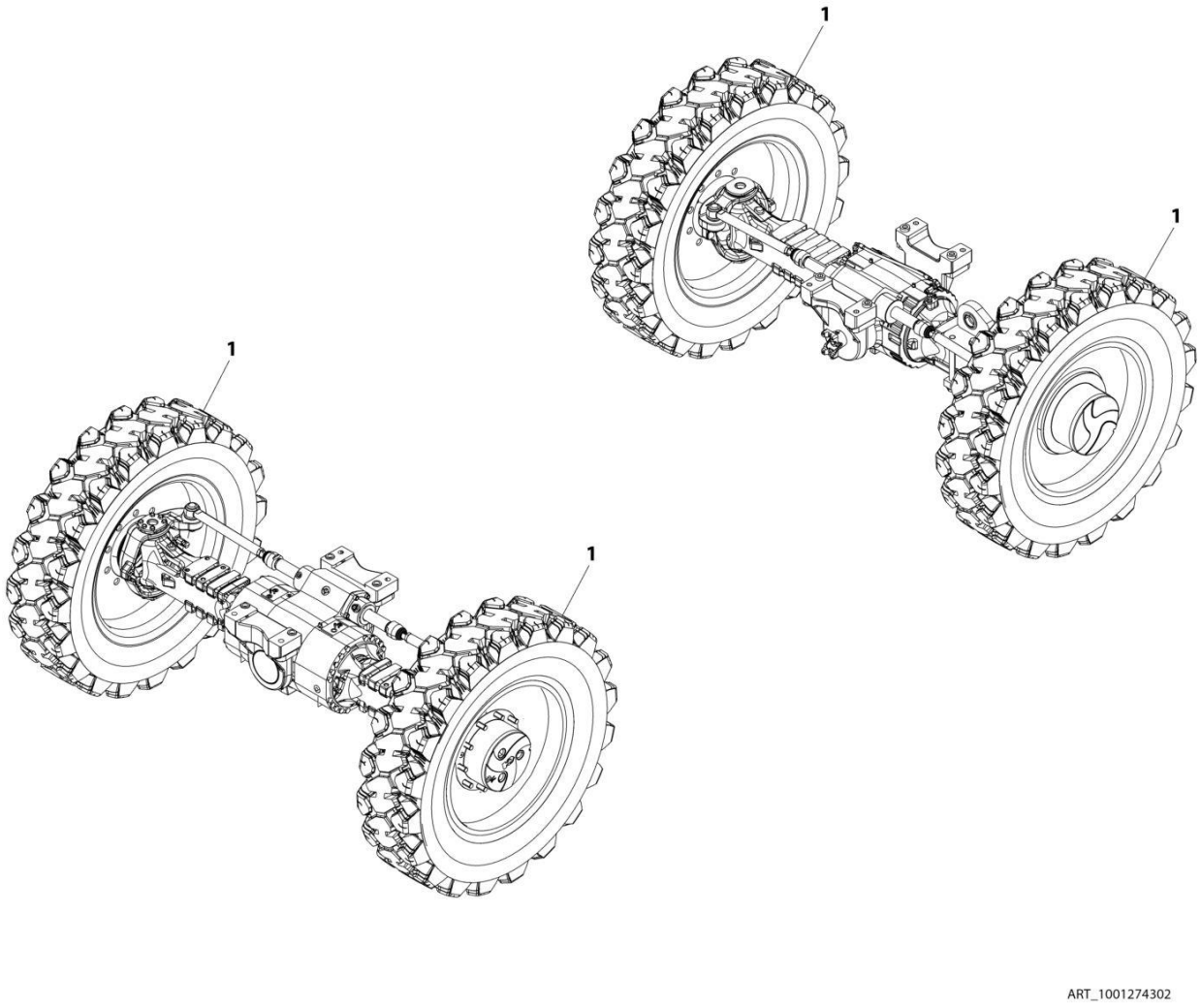


FIGURE 5-85. TIRE/WHEEL SET 13-28 SOLIDBOSS (NON-DIRECTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274302	Ref	TIRE/WHEEL SET 13-28 SOLIDBOSS (NON-DIRECTIONAL)	A
1	1001274301	4	Tire/Wheel 13X28 - Solid	

FIGURE 5-86. TIRE/WHEEL SET 18 X 625 (PNEUMATIC TURF)

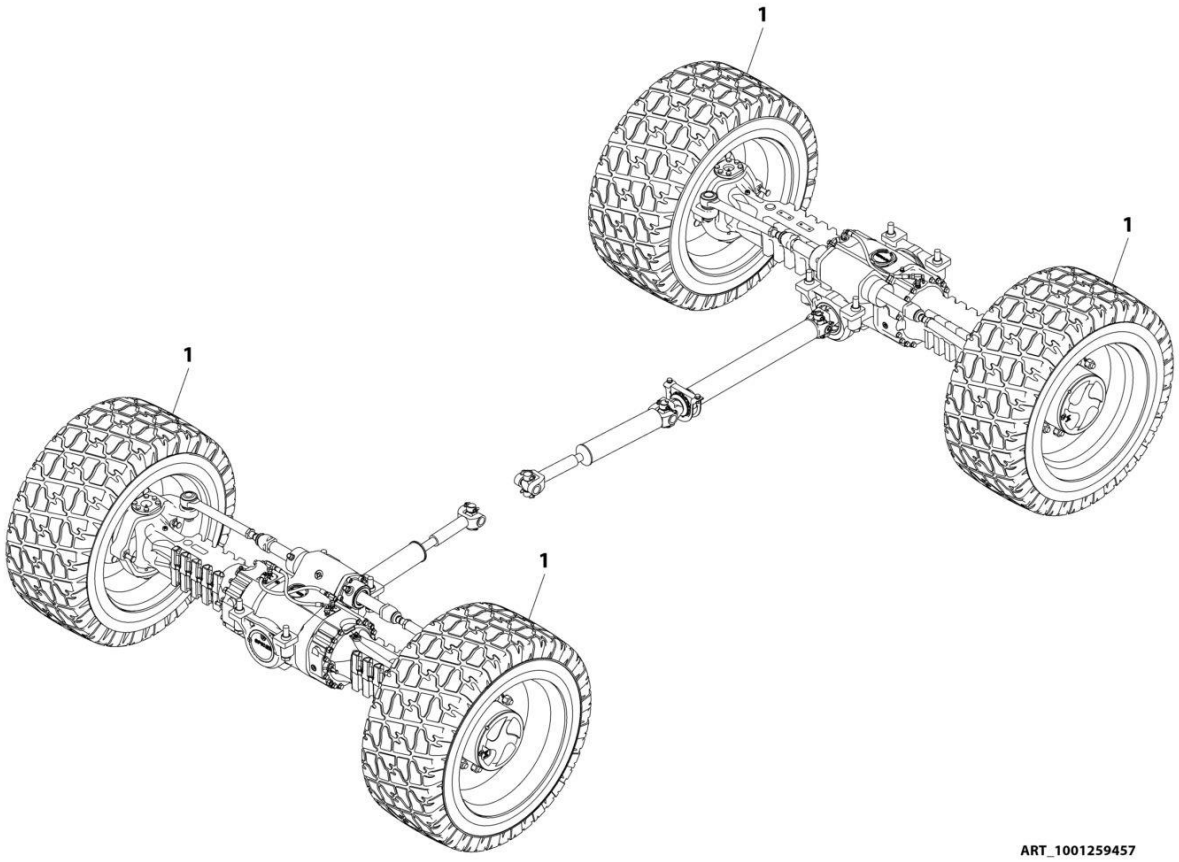


FIGURE 5-86. TIRE/WHEEL SET 18 X 625 (PNEUMATIC TURF)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001259457	Ref	TIRE SET - 18 X 625 (TURF PNEUMATIC)	A
1	1001259635	4	Tire and Wheel Assembly	
1	4520356	4	Tire - 18 x 625 Turf/Sand (1 Per Assembly)	
1	4641122	4	Valve, Air (1 Per Assembly)	
1	1001246001	4	Wheel (1 Per Assembly)	

FIGURE 5-87. FENDER INSTALLATION

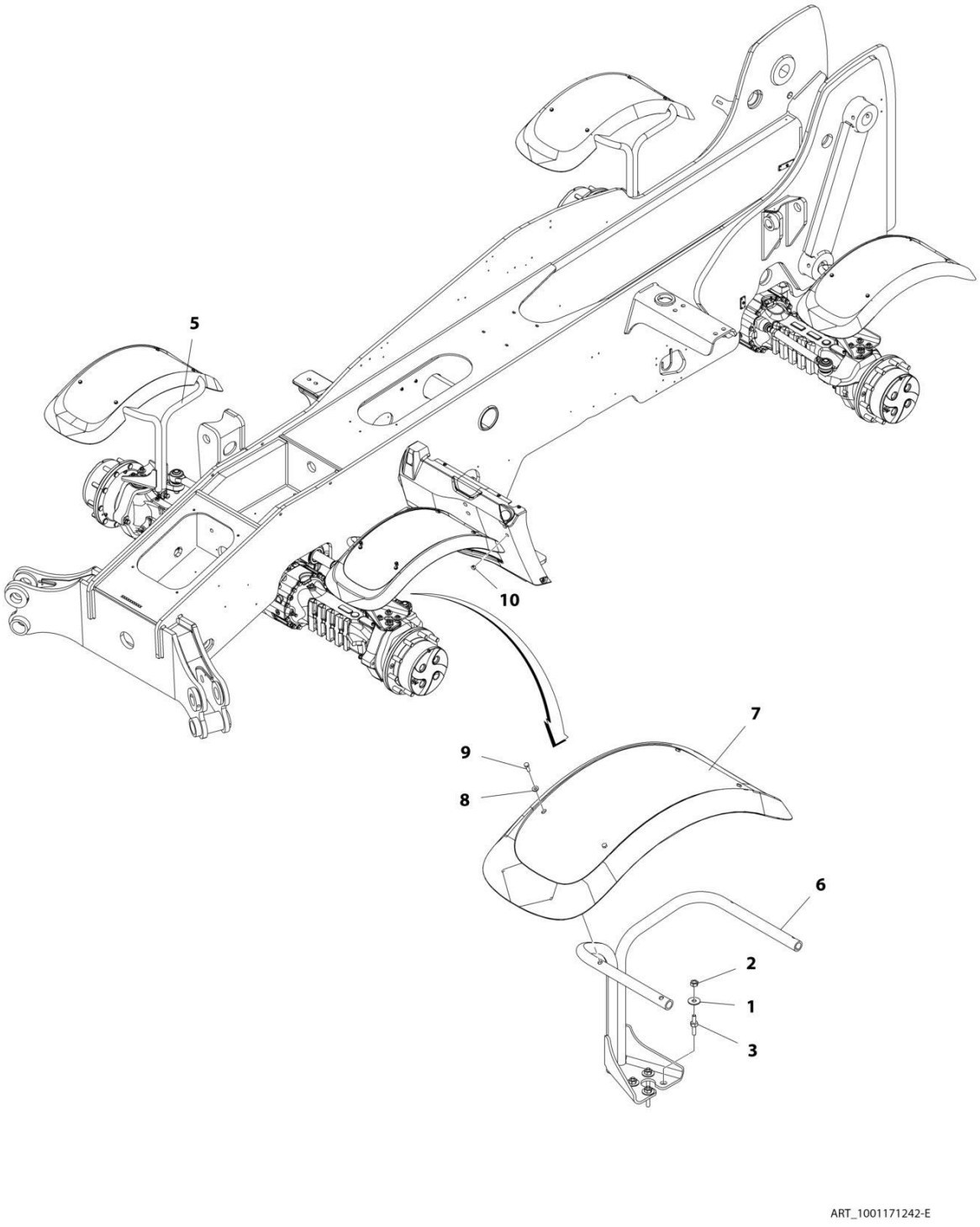


FIGURE 5-87. FENDER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171242	Ref	Fender Installation	E
1	4812102	16	Washer, M12	
2	91513266	16	Nut, M12X1.25	
3	91514118	16	Stud, Fender	
5	1001202513	2	RH Bracket	
6	1001202512	2	LH Bracket	
7	1001168264	4	Fender	
8	1001202786	16	Washer	
9	0760812	16	Screw, M8X25	
10	1001208338	4	Plug	

FIGURE 5-88. CAB FENDER INSTALLATION

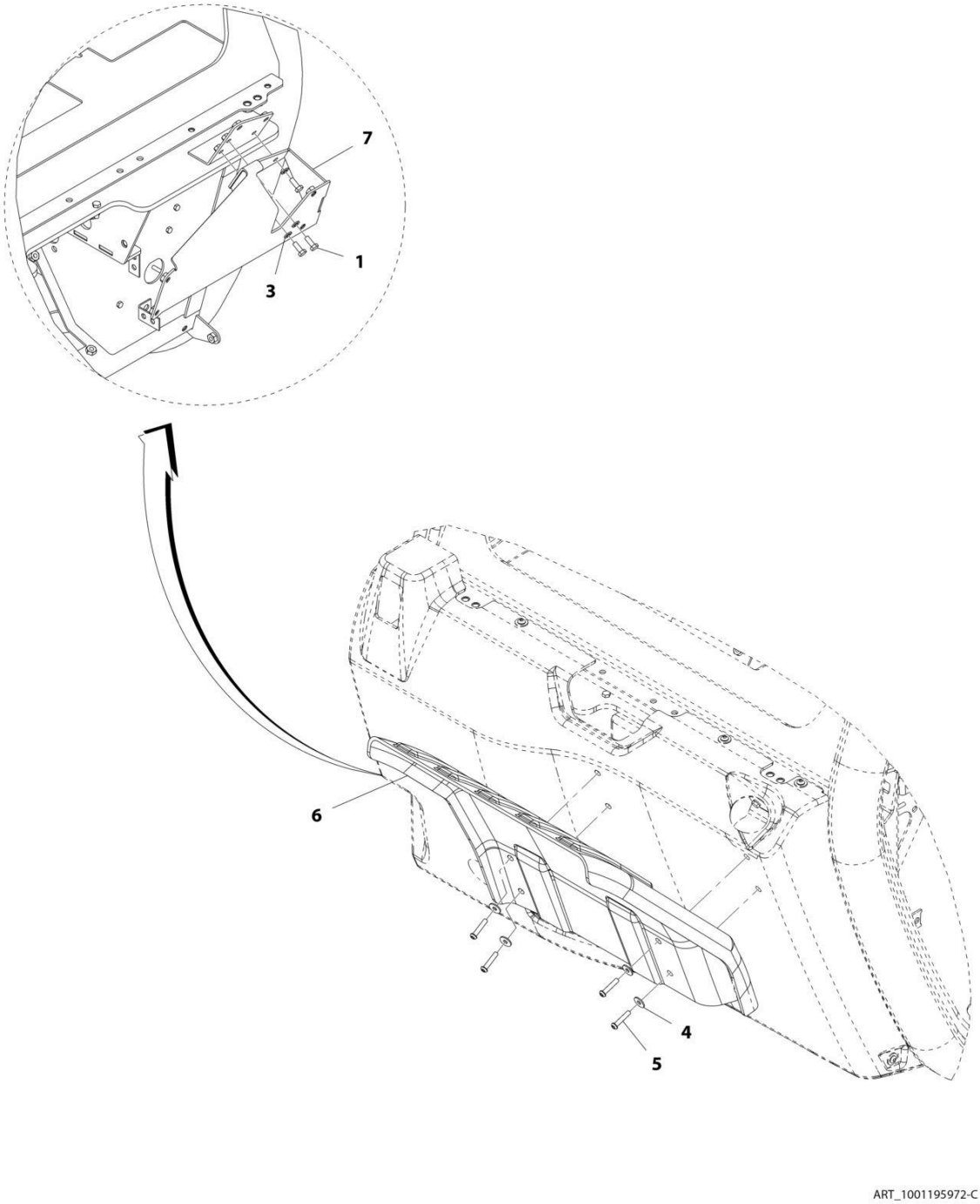


FIGURE 5-88. CAB FENDER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001195972	Ref	Cab Fender Installation	C
1	0760608	3	Bolt, M6X16	
3	4811700	3	Washer, M6	
4	4811702	4	Washer, M6	
5	1001097202	4	Screw, M6X30	
6	1001187335	1	Fender, Front	
7	1001188048	1	Plate	

FIGURE 5-89. CAB FENDER INSTALLATION REAR (LH)

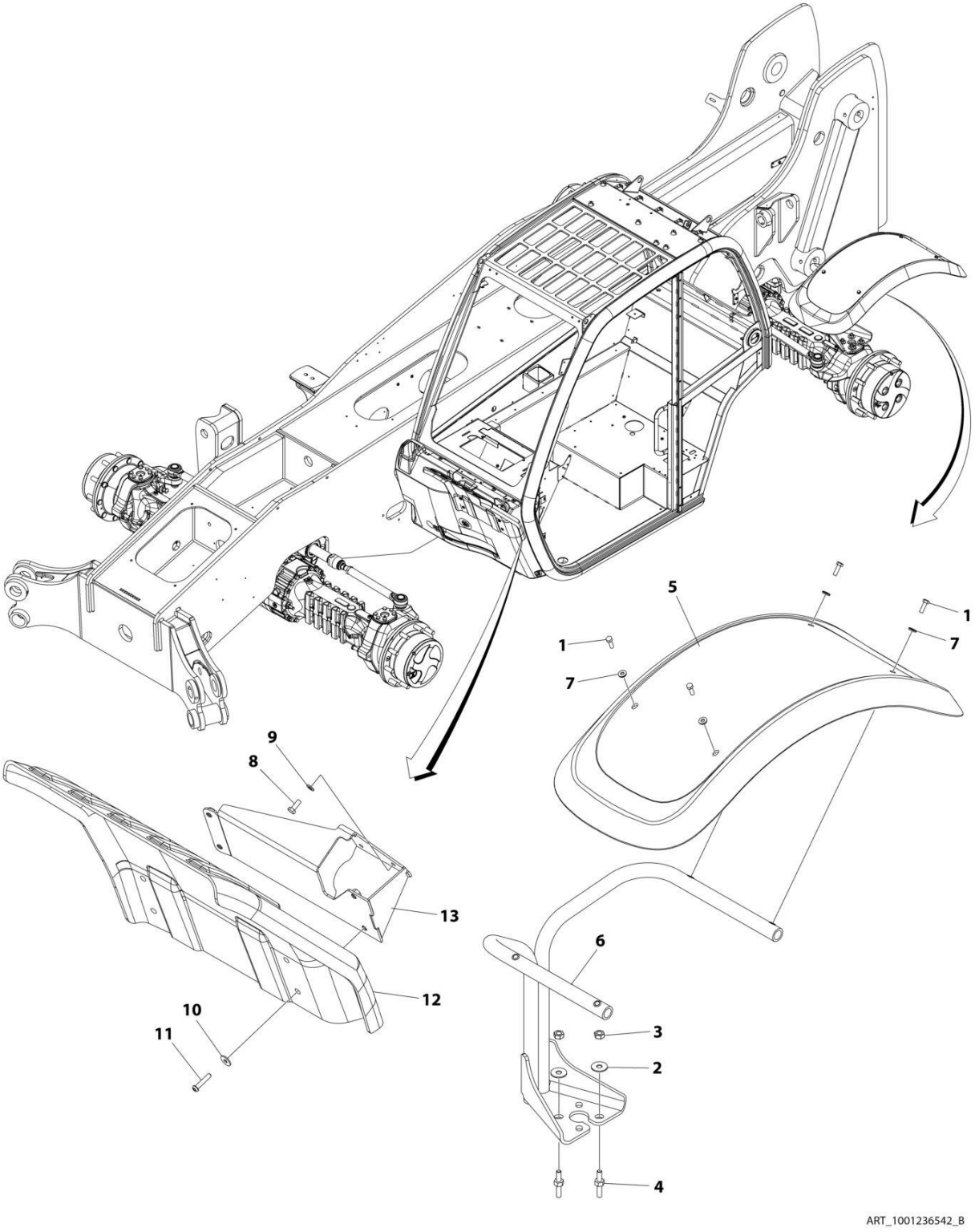


FIGURE 5-89. CAB FENDER INSTALLATION REAR (LH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236542	Ref	Cab Fender Installation Rear (LH)	B
1	0760812	4	Bolt, M8X25	
2	4812102	4	Washer, M12	
3	91513266	4	Nut, M12X1.25	
4	91514118	4	Stud	
5	1001168264	1	Fender	
6	1001202512	1	Bracket	
7	1001202786	4	Washer	
8	0760608	3	Bolt M6 x 16	
9	4811700	3	Washer M6	
10	4811702	4	Washer M6	
11	1001097202	4	Bolt M6 x 30	
12	1001187335	1	Fender, Front	
13	1001188048	1	Plate	

FIGURE 5-90. WHEEL CHOCK INSTALLATION

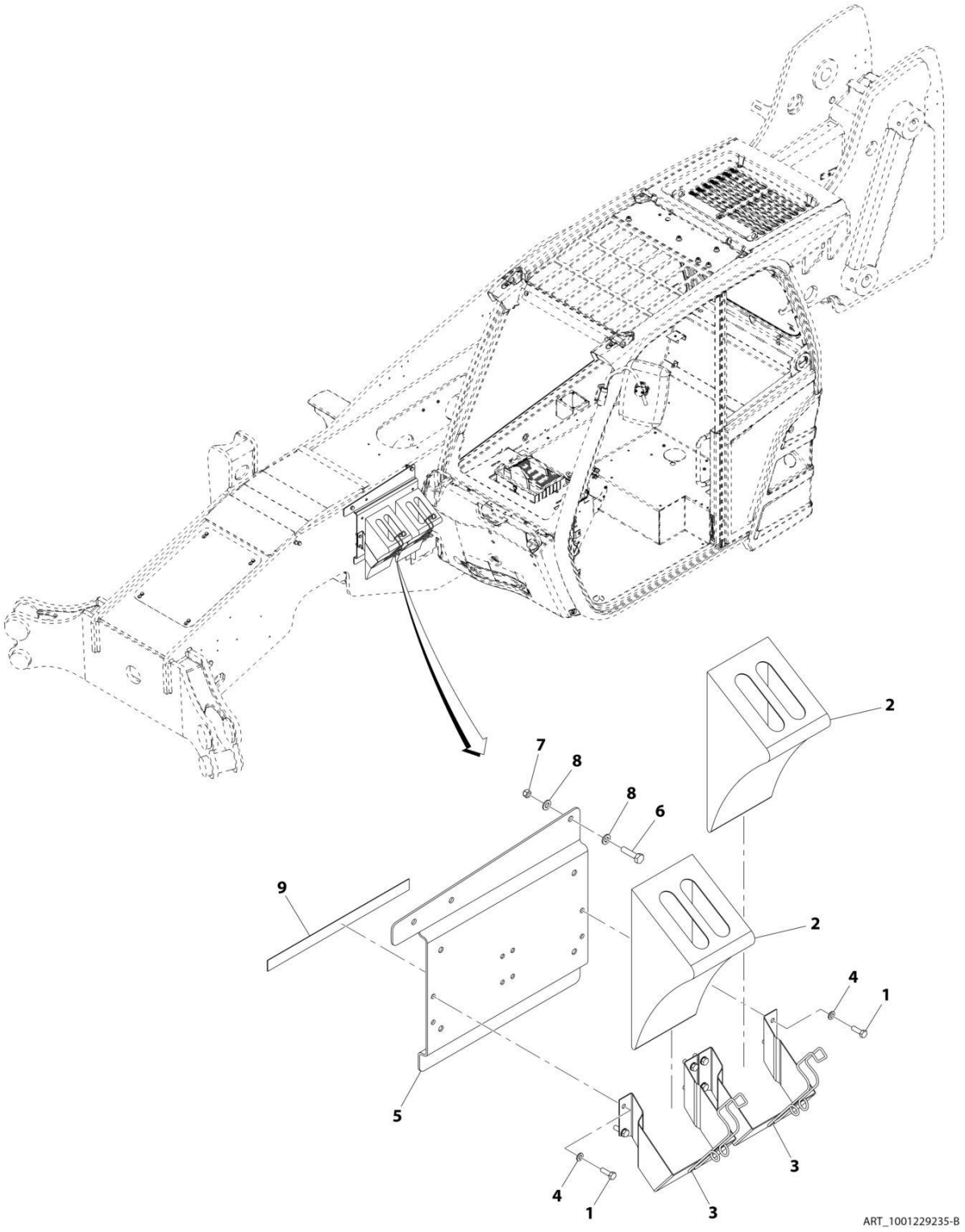


FIGURE 5-90. WHEEL CHOCK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229235	Ref	Wheel Chock Installation (If equipped)	B
1	0700812	8	Screw, 8X25 LG	
2	806253	2	Wedge	
3	806264	2	Holder	
4	4811900	8	Washer, 8mm	
5	1001230713J	1	Bracket	
6	0701016	1	Bolt, M10X40	
7	3290805	1	Nut, Lock M8X1.25	
8	4812000	2	Washer, M10	
9	1001165978	380 mm	Adhesive	

FIGURE 5-91. TOOLBOX INSTALLATION

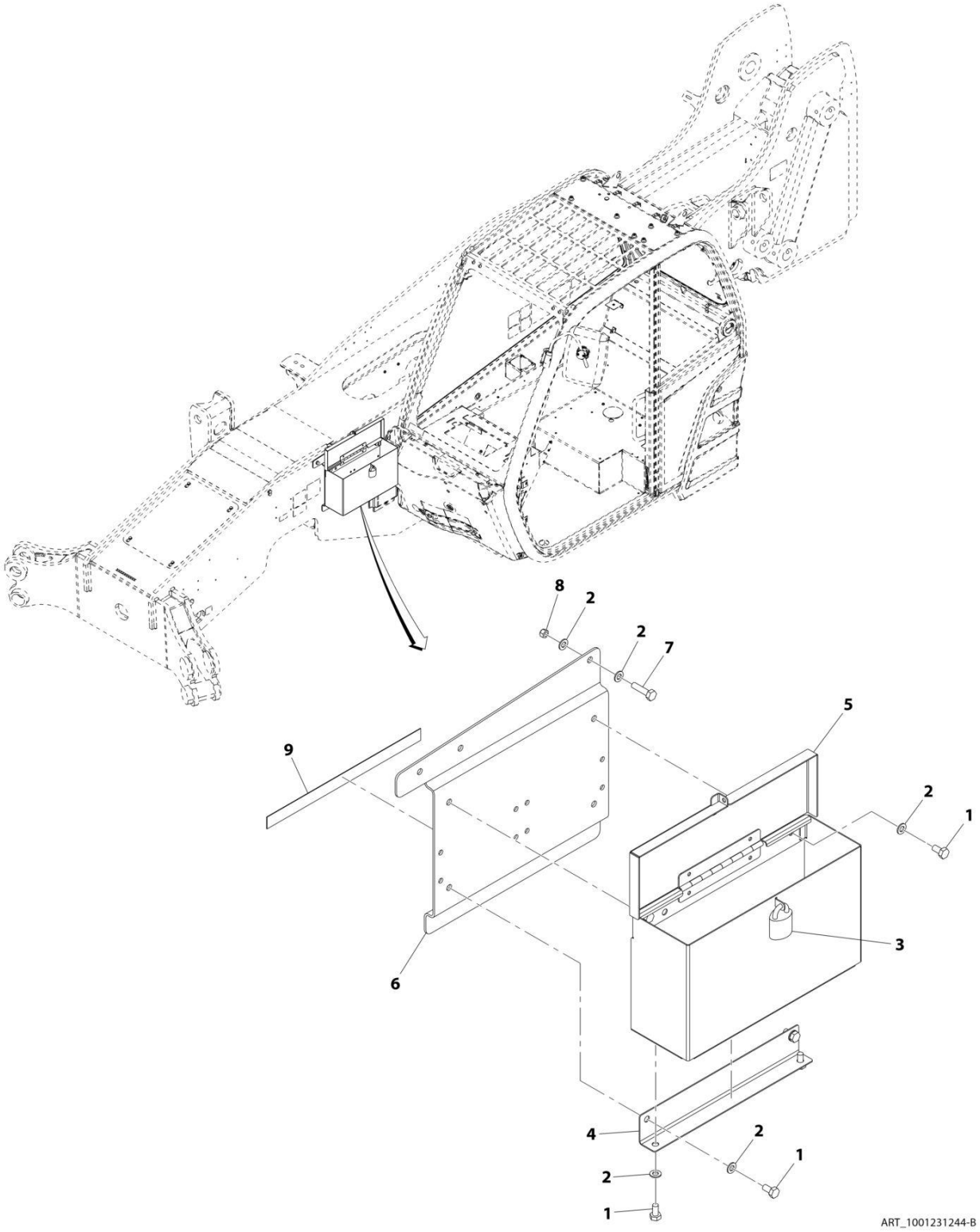
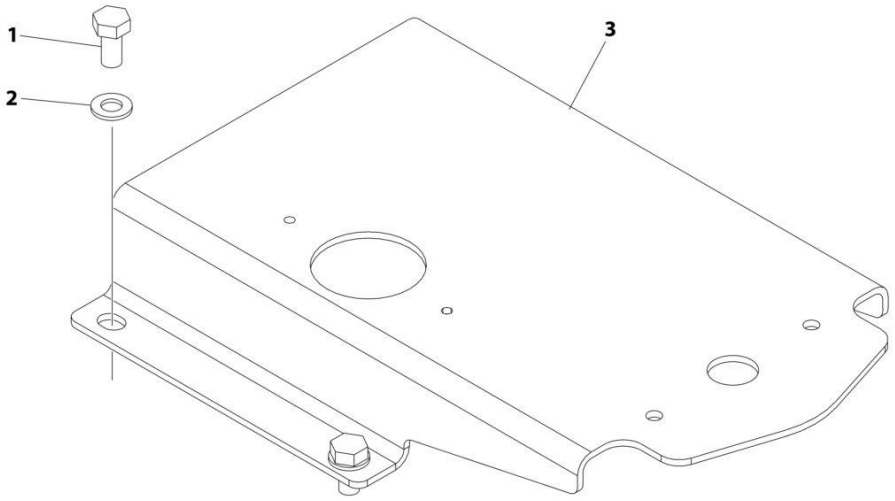


FIGURE 5-91. TOOLBOX INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231244	Ref	ToolBox Installation (If equipped)	B
1	0761010	6	Bolt, M10X20	
2	4812000	8	Washer, M10	
3	1001008687	1	Padlock	
4	1001178729	1	Bracket	
5	1001192836	1	Box	
6	1001230713J	1	Bracket	
7	0701016	1	Bolt, M10X40	
8	3290805	1	Nut, Lock M8X1.25	
9	1001165978	380 mm	Adhesive	

SECTION 6 - CAB

FIGURE 6-1. BEACON BRACKET INSTALLATION - WITHOUT CLEARSKY



ART_1001291379

FIGURE 6-1. BEACON BRACKET INSTALLATION - WITHOUT CLEARSKY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291379	Ref	CLEARSKY INSTALLATION	A
1	0760808	3	Bolt M8 x 16	
2	4811900	3	Washer M8	
3	1001289198	1	Bracket, Beacon Mounting	

FIGURE 6-2. CAB MOUNTING

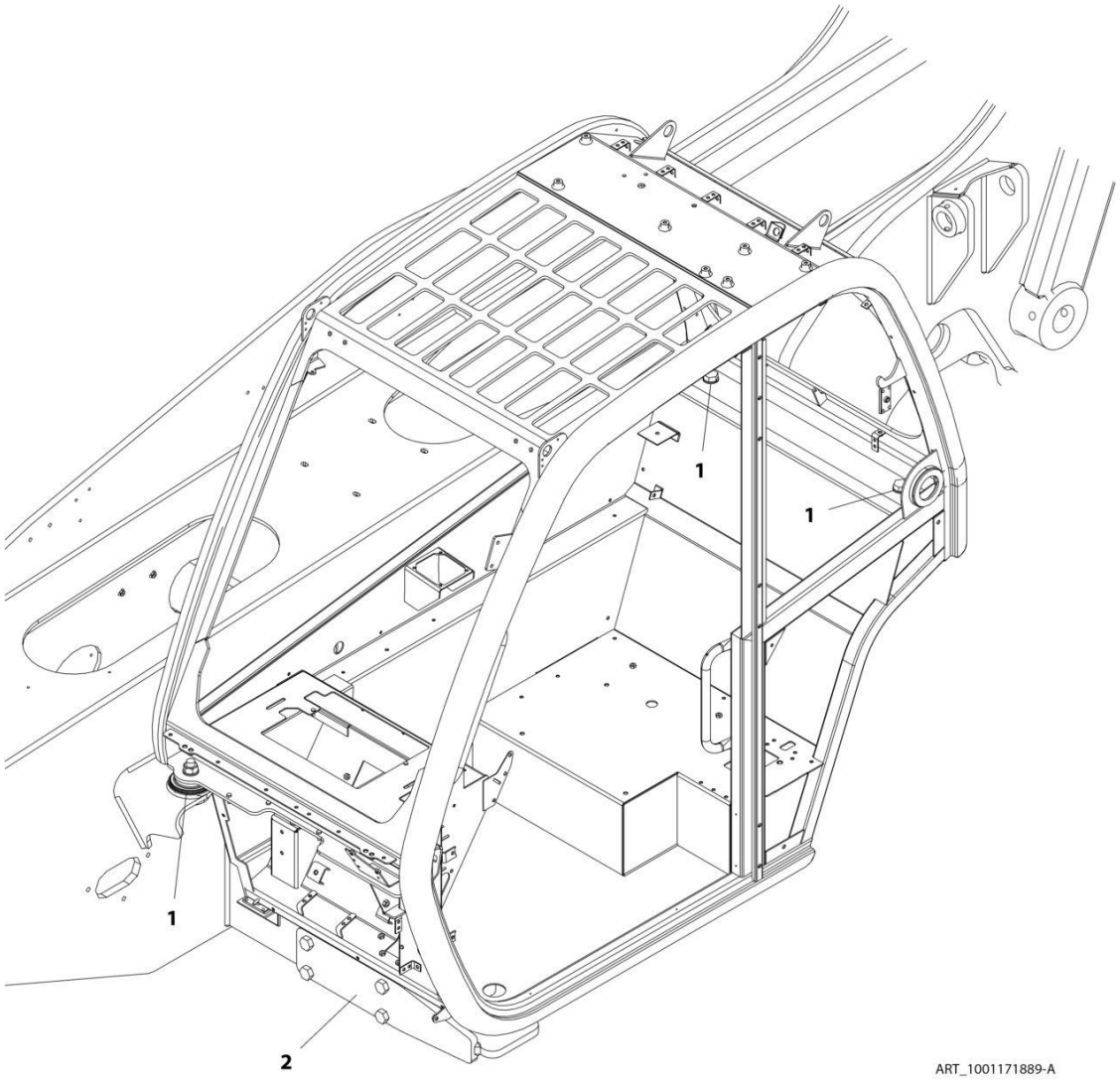


FIGURE 6-2. CAB MOUNTING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171889	Ref	Cab Mounting	A
1	1001155446	1	Installation, Cab Mounts (See Separate Breakdown in this Section)	
2	1001171890	1	Installation, Front Cab Outrigger (See Separate Breakdown in this Section)	

FIGURE 6-3. CAB MOUNTS INSTALLATION

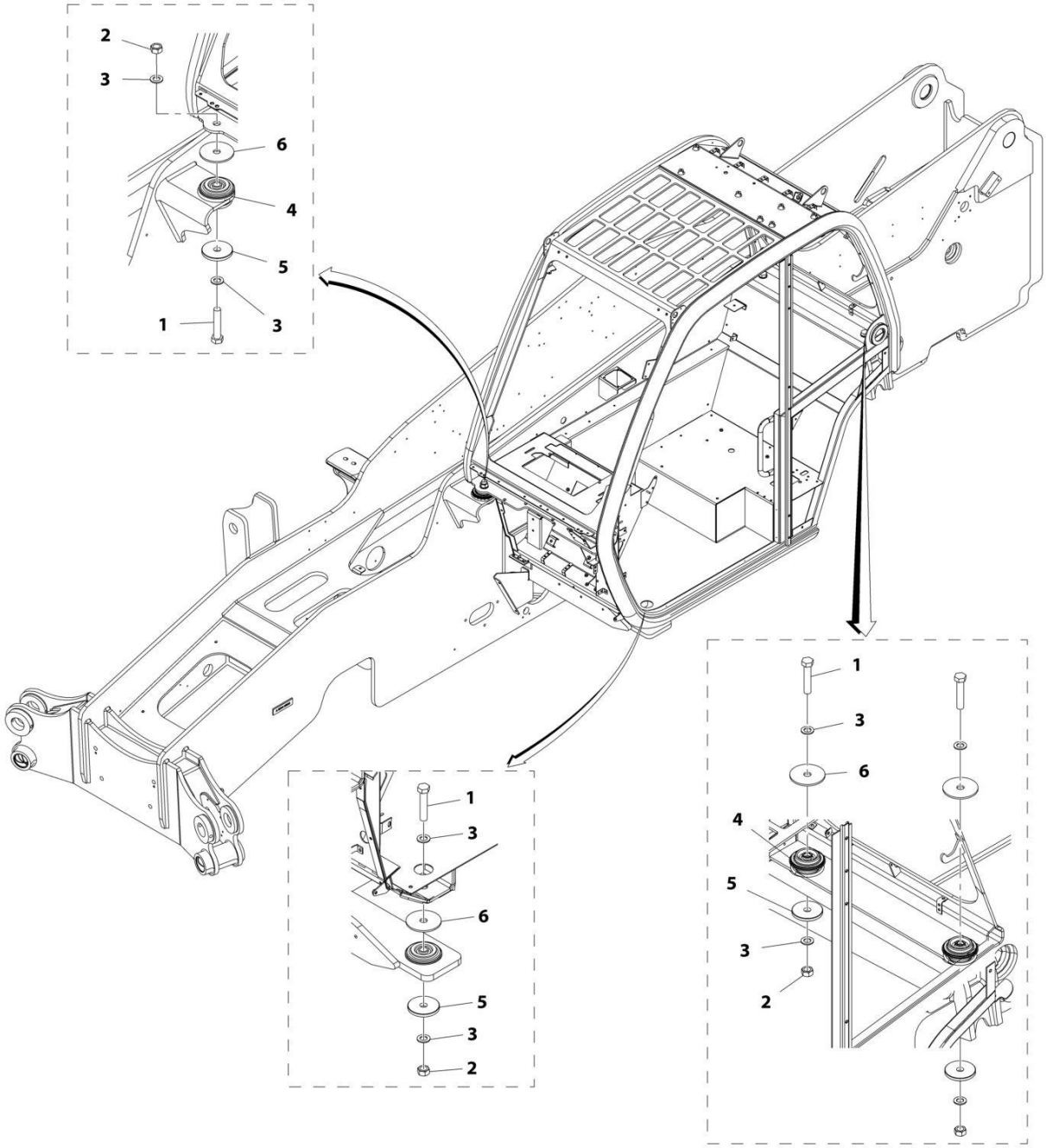


FIGURE 6-3. CAB MOUNTS INSTALLATION

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 6-4. FRONT CAB OUTRIGGER INSTALLATION

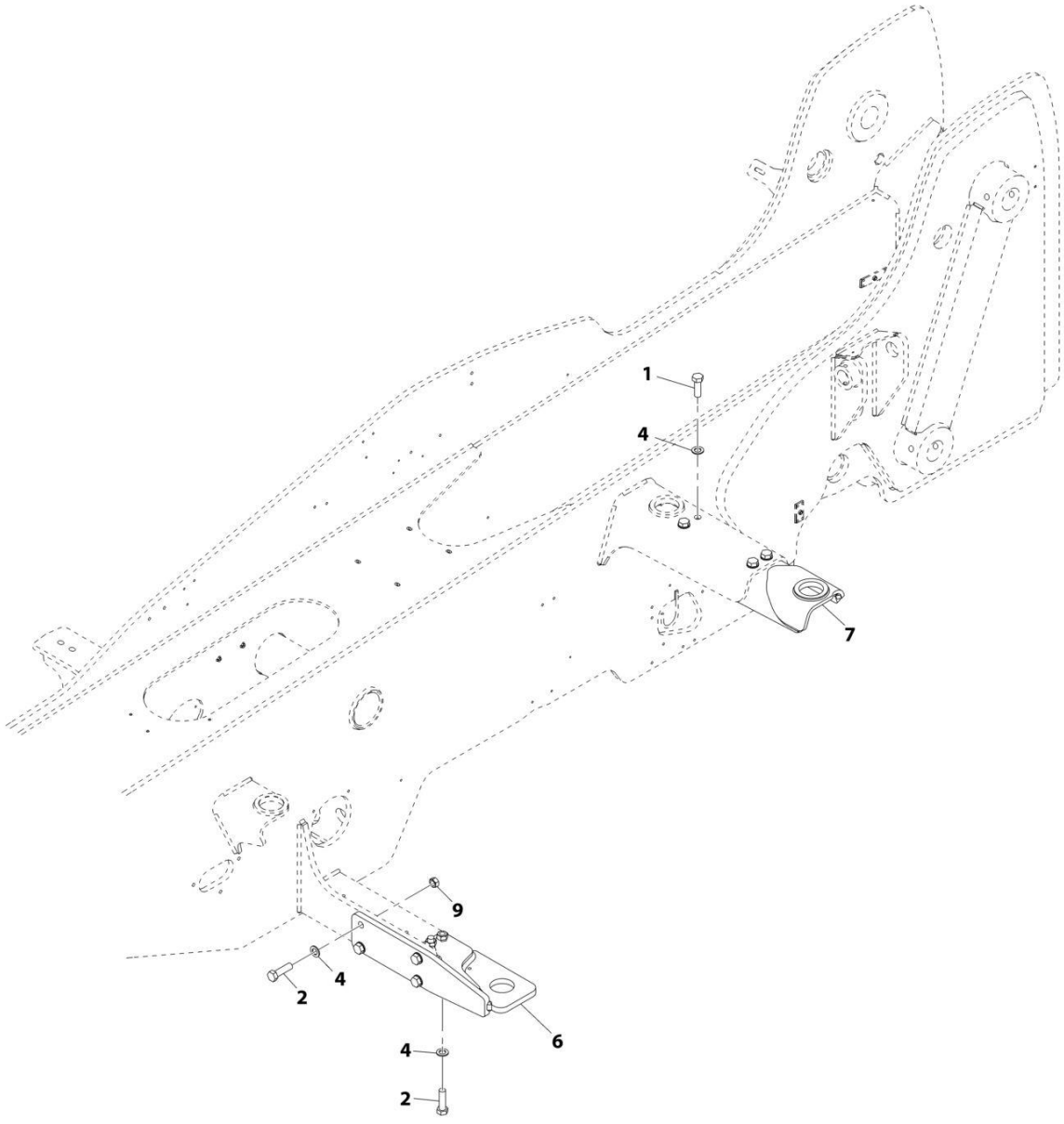


FIGURE 6-4. FRONT CAB OUTRIGGER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171890	Ref	Front Cab Outrigger Installation	E
1	0712020	4	Bolt, M20X60	
2	0712022	6	Bolt, M20X70	
4	4812500	10	Washer, M20	
6	1001208106	1	Bracket, Front Lower Cab	
7	1001210782	1	Bracket, Rear Cab Mount	
9	3292001	4	Hex Nut, M20X2.5	

FIGURE 6-5. OROPS CAB INSTALLATION

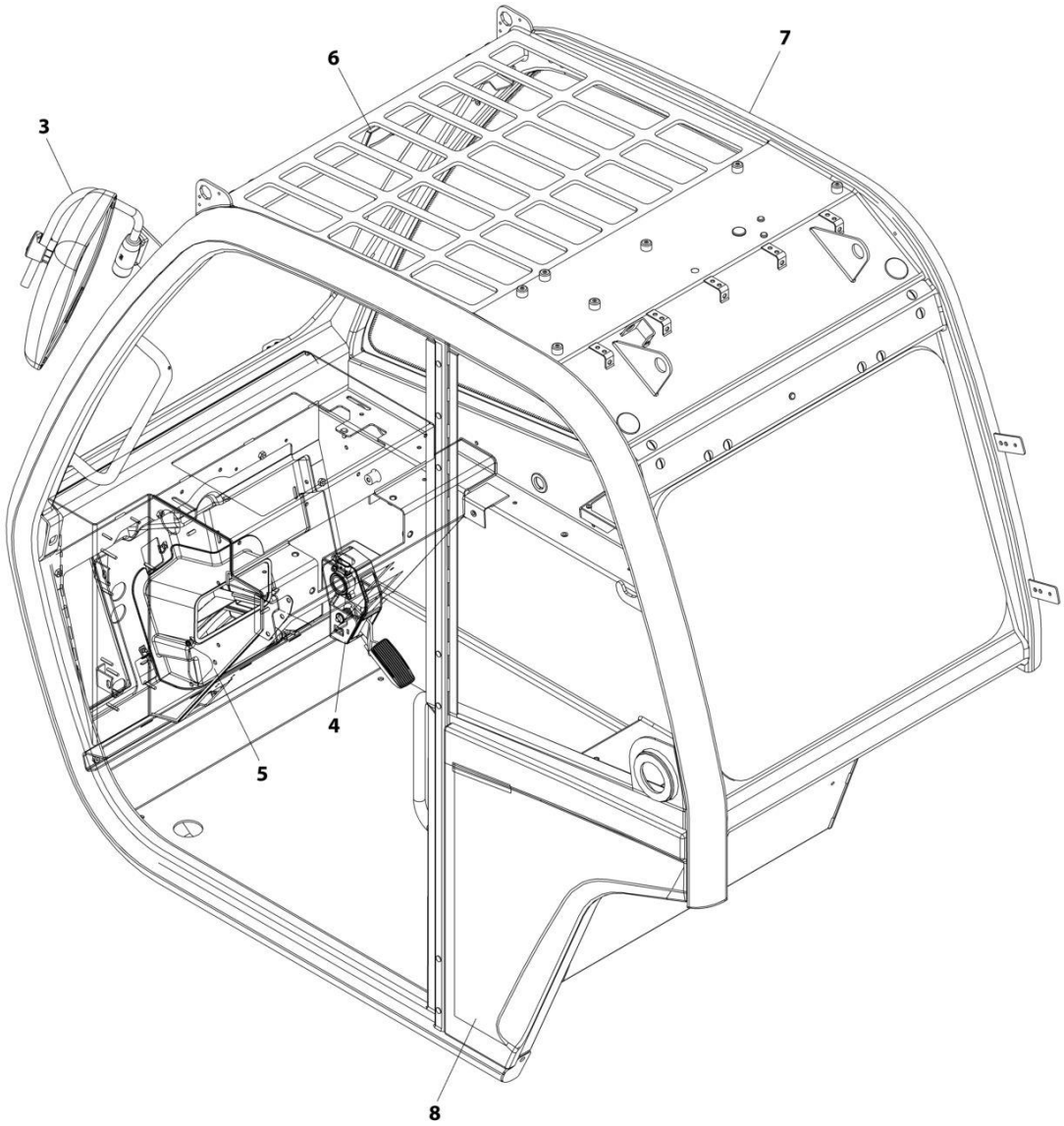


FIGURE 6-5. OROPS CAB INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001154984	Ref	OROPS Cab Installation	J
3	1001160508	Ref	Installation, Mirror (See Separate Breakdown in this Section)	
4	1001161499	Ref	Installation, Accelerator Pedal (See Separate Breakdown in Controls Section)	
5	1001293104	Ref	Installation, Front Cover (See Separate Breakdown in this Section)	
6	1001172401	Ref	Installation, Level Indicator (See Separate Breakdown in this Section)	
7	1001214326	Ref	Cab (See Separate Breakdown in this Section)	
8	1001214331	Ref	Installation, Open Cab (See Separate Breakdown in this Section)	

FIGURE 6-6. EROPS CAB INSTALLATION

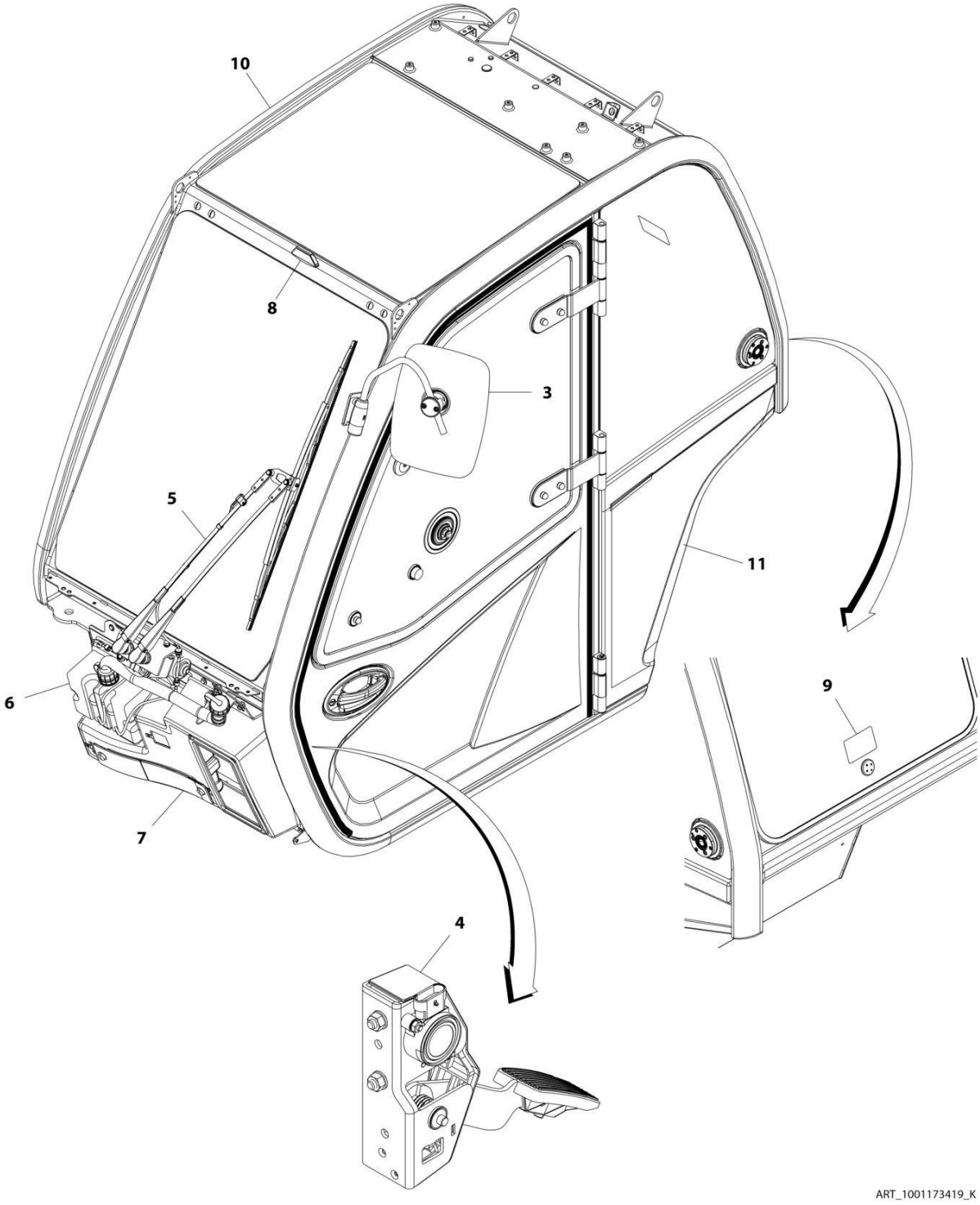
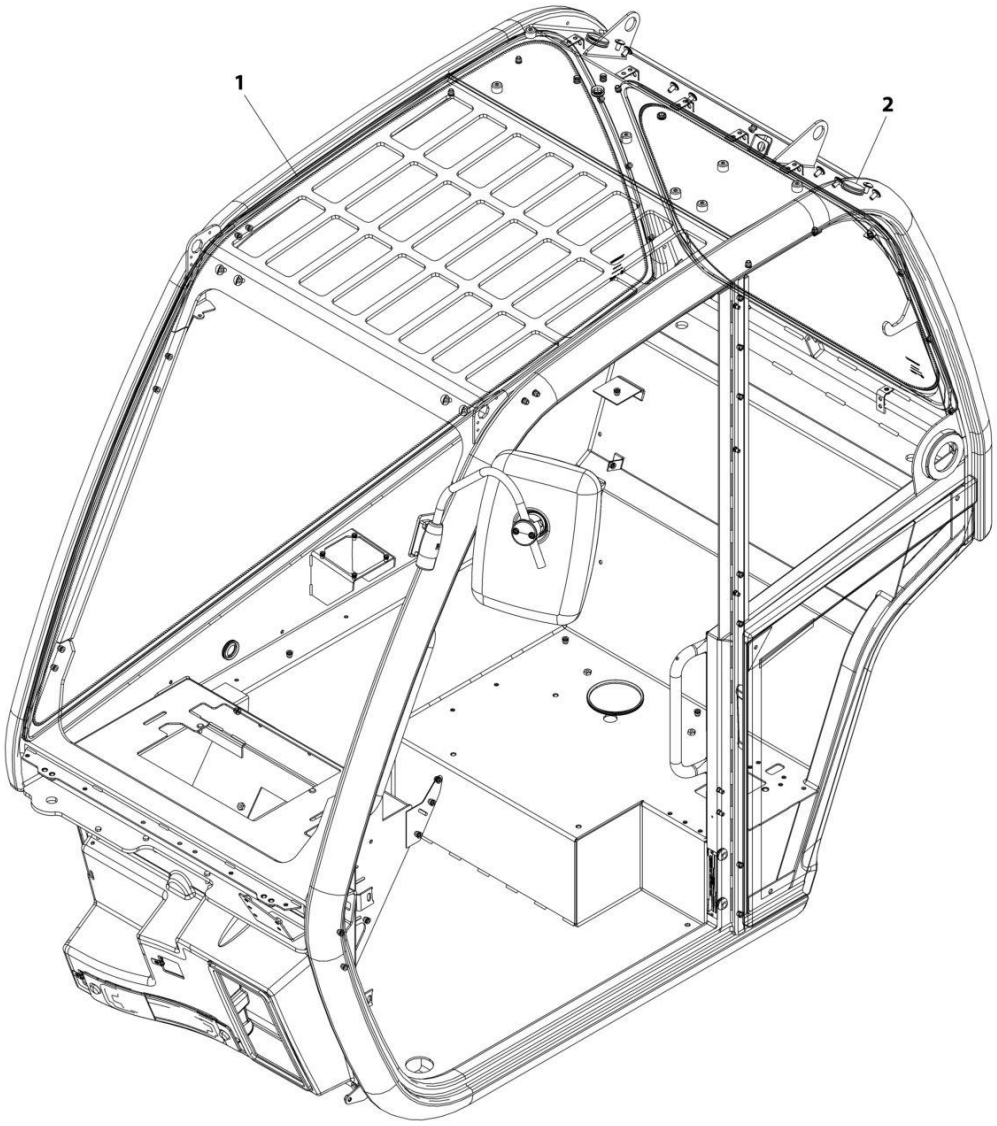


FIGURE 6-6. EROPS CAB INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173419	Ref	EROPS CAB INSTALLATION	K
3	1001160508	Ref	Installation, 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	1001162789	Ref	Installation, Washer Tank (See Separate Breakdown in this Section)	
7	1001170366	Ref	Installation, Front Cover (See Separate Breakdown in this Section)	
8	1001172401	Ref	Installation, Level Indicator (See Separate Breakdown in this Section)	
9	1001204598	1	Decal, Emergency Exit	
10	1001214326	Ref	Cab (See Separate Breakdown in this Section)	
11	1001214332	Ref	Installation, Enclosed Cab (See Separate Breakdown in this Section)	

FIGURE 6-7. CAB, TRIM KIT



ART_1001214331_E

FIGURE 6-7. CAB, TRIM KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214331	Ref	Open Cab Installation	E
1	1001154721	1	Assembly, Open Cab (See Separate Breakdown in this Section)	
2	1001170495	1	Group, Open Cab Plug (See Separate Breakdown in this Section)	

FIGURE 6-8. CAB, TRIM KIT

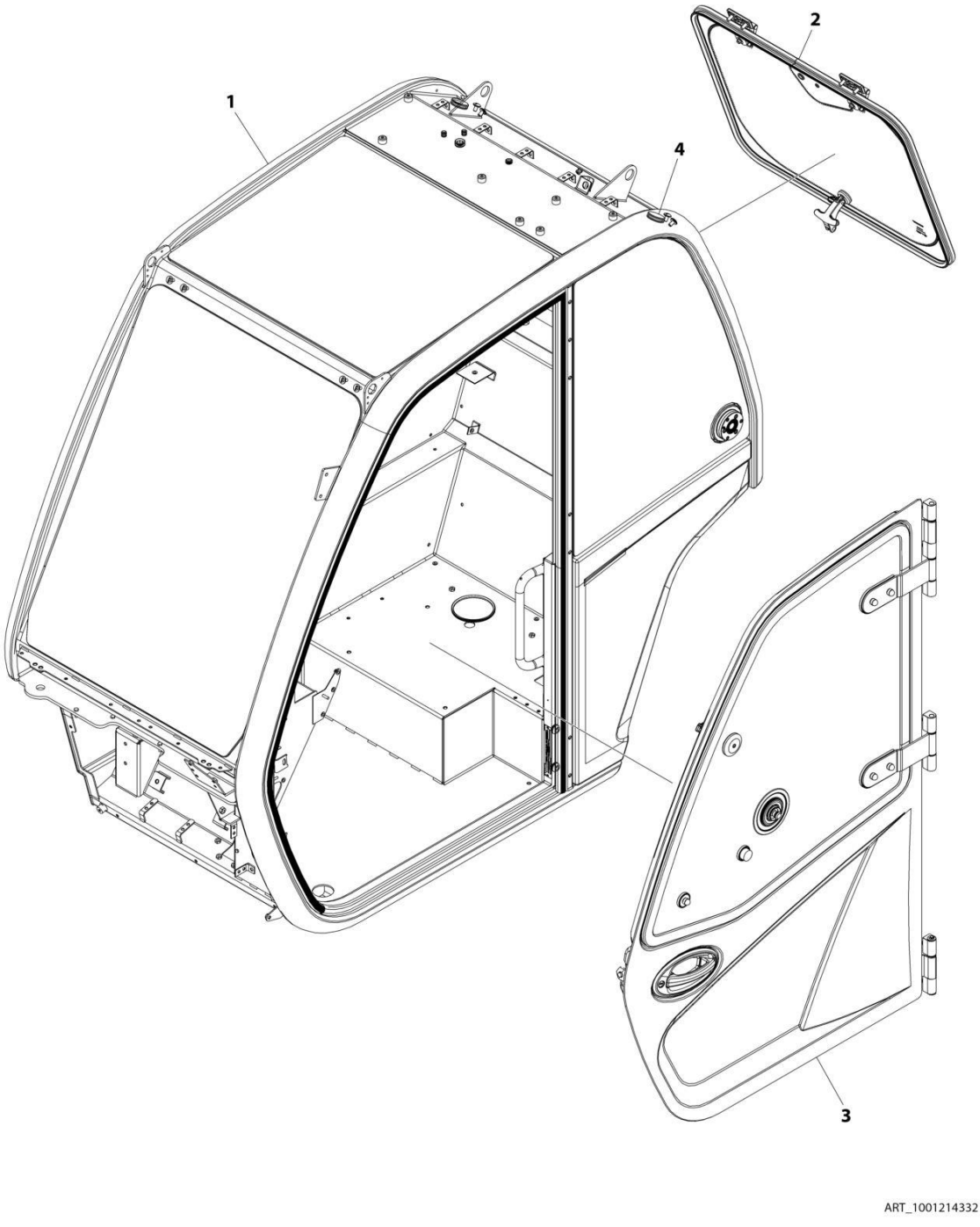


FIGURE 6-8. CAB, TRIM KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214332	Ref	Enclosed Cab Installation	I
1	1001154365	1	Assembly, Enclosed Cab (See Separate Breakdown in this Section)	
2	1001170500	1	Installation, Rear Window (See Separate Breakdown in this Section)	
3	1001165080	1	Installation, Door (See Separate Breakdown in this Section)	
4	1001170603	1	Group, Enclosed Cab Plug (See Separate Breakdown in this Section)	

FIGURE 6-9. OPEN CAB ASSEMBLY

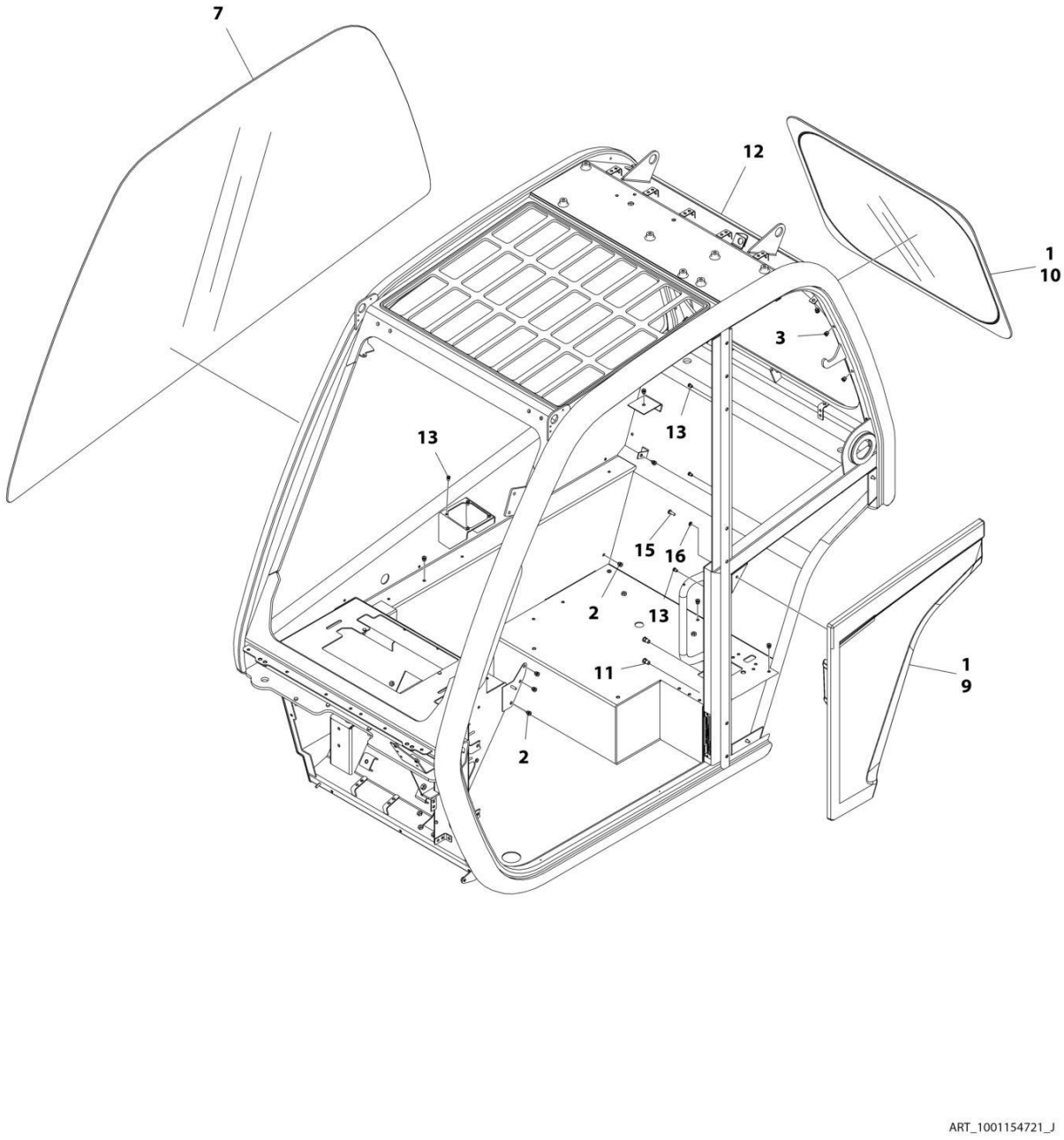


FIGURE 6-9. OPEN CAB ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001154721	Ref	Open Cab Assembly	J
1	1001111317	AR	Compound, Locking	
2	2080086	17	Rivnut, M6X1	
3	2080087	16	Rivnut, M8X1.25	
7	1001152947	1	Glass, RH Screen	
9	1001256073	1	Panel, Cab Quarter	
10	1001161538	1	Glass, Rear Window	
11	1001172193	2	Rivnut, M5X0.8	
12	See Note	NSS	Weldment, Cab (Note: Not available for purchase)	
13	1001195878	7	Rivnut, M5X0.8	
15	N.S.S.	3	Screw	
16	4811700	3	Washer, M6	

FIGURE 6-10. OPEN CAB, LSI INSTALLATION

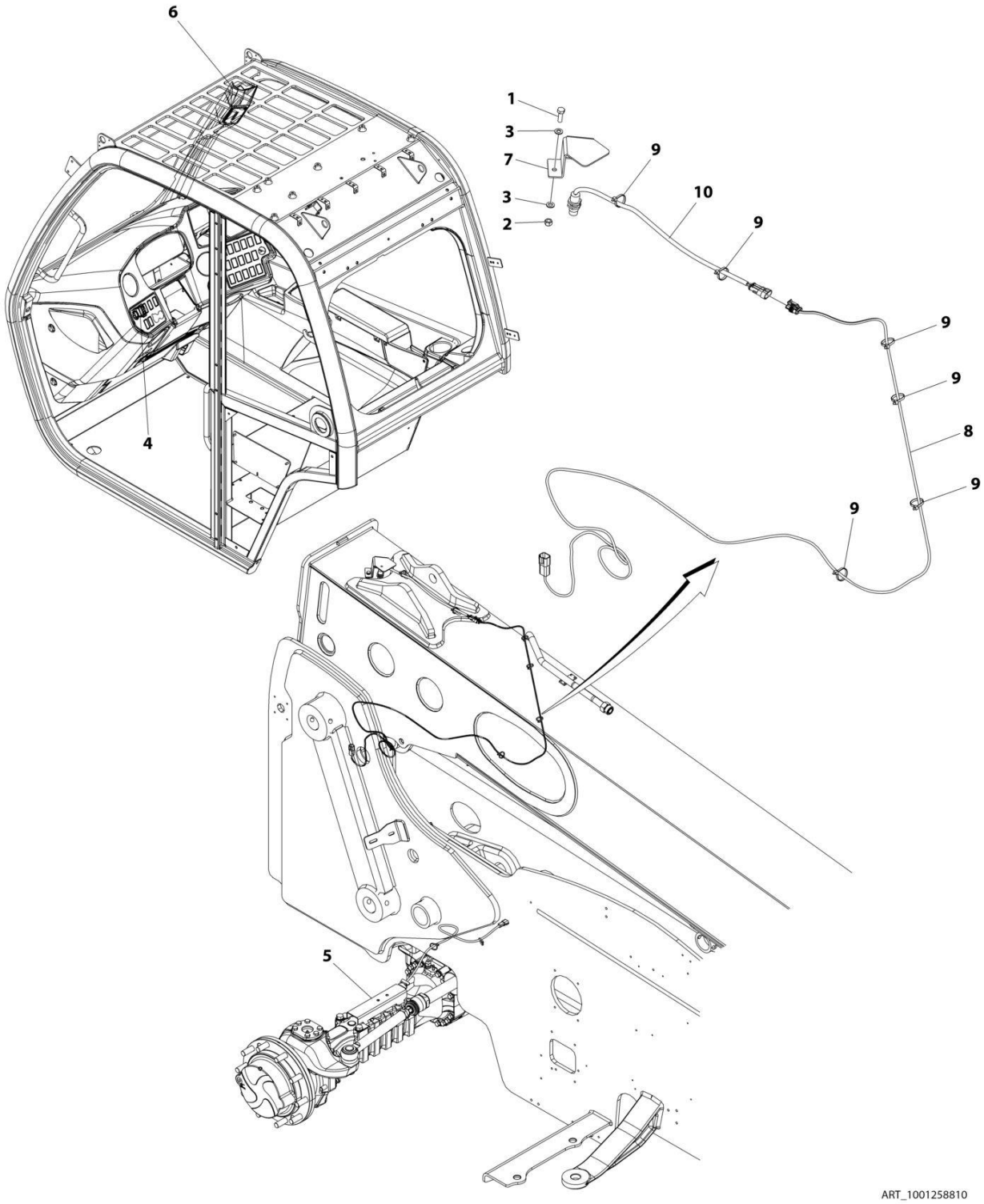


FIGURE 6-10. OPEN CAB, LSI INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258810	Ref	LSI OPEN CAB INSTALLATION	A
1	0760812	2	Bolt M8 x 25	
2	3290805	2	Nut M8	
3	4811900	4	Washer M8	
4	1001159742	1	Switch, LSI Override	
5	1001258798	1	LSI Axle Sensor Installation (See Separate Breakdown in Drivetrain Section)	
6	1001258563	1	LSI Display Installation (See Separate Breakdown in this Section)	
7	1001258862	1	Plate	
8	1001259062	1	Harness, Boom Retract (See Separate Breakdown in Electrical Section)	
9	1001008559	AR	Strap, Cable	
10	1001183024	1	Sensor, Proximity	

FIGURE 6-11. OPEN CAB PLUG GROUP

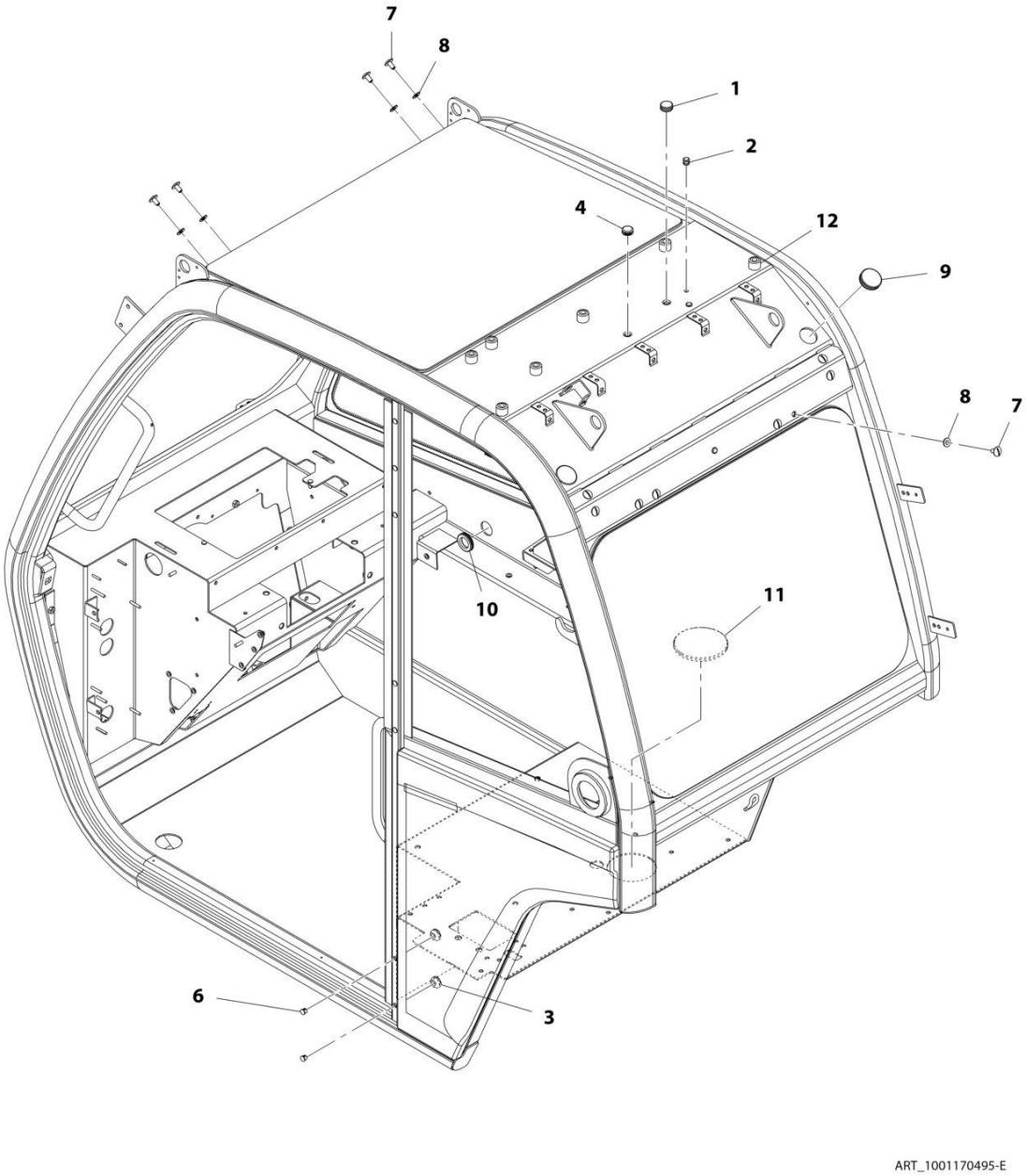


FIGURE 6-11. OPEN CAB PLUG GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170495	Ref	Open Cab Plug Group	E
1	1001176273	1	Plug	
2	1001176272	3	Plug	
3	1001143200	2	Plug	
4	1001176626	1	Plug	
6	1001170374	7	Plug	
7	1001181920	12	Screw, M8X16	
8	1001181921	12	Washer, M8 Rubber	
9	1001182123	2	Plug	
10	1001182139	1	Plug	
11	1001209899	1	Plug	
12	1001219220	1	Cap, Vinyl Round	

FIGURE 6-12. LSI DISPLAY INSTALLATION (OPEN CAB)

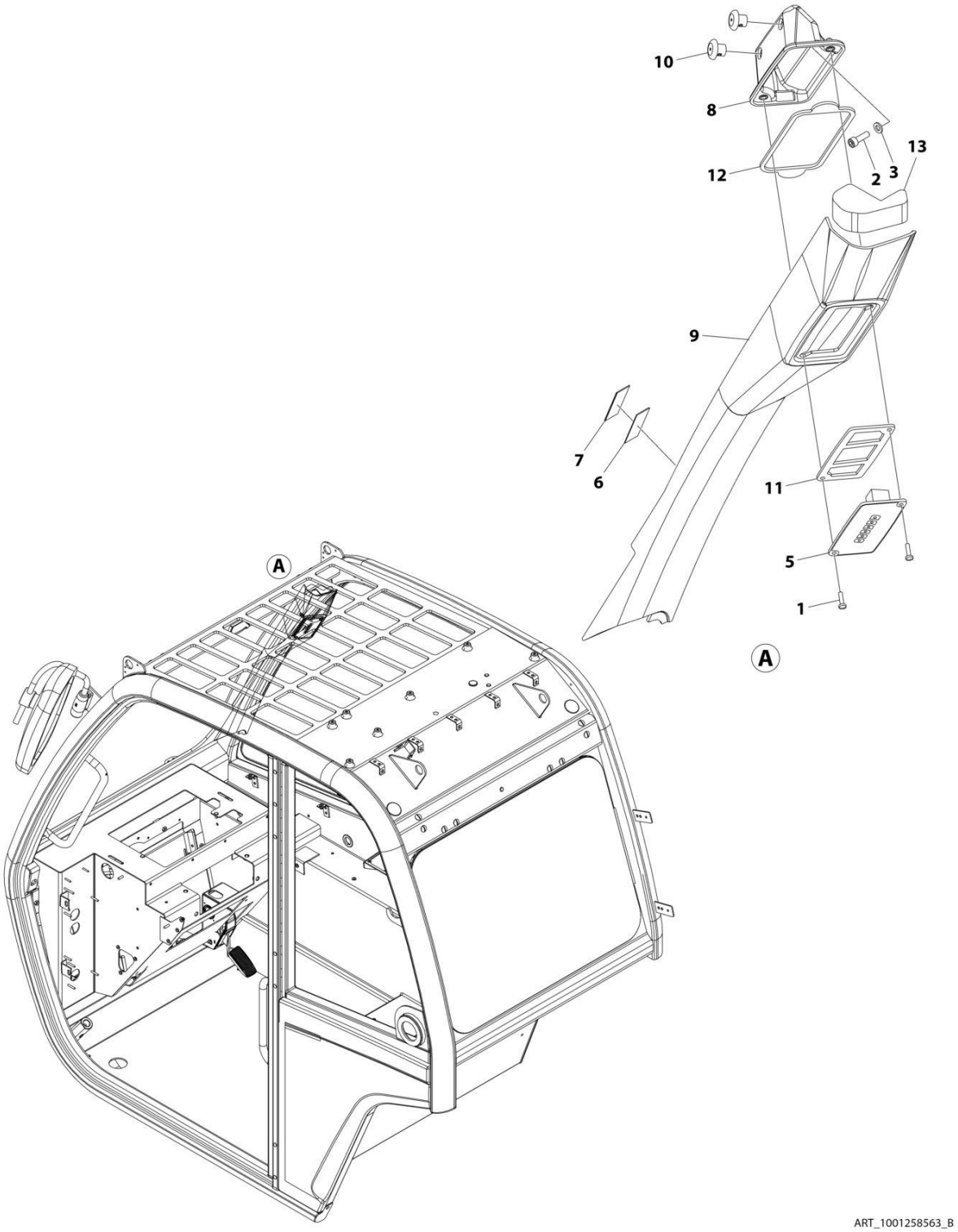


FIGURE 6-12. LSI DISPLAY INSTALLATION (OPEN CAB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258563	Ref	LSI DISPLAY INSTALLATION	B
1	1001126837	2	Screw M4 x 16	
2	4031708	2	Bolt M6 x 20	
3	4811700	2	Washer M6	
5	1001213752	1	LSI Display Electrical Assembly	
5	1001205976	1	Decal - LSI Display	
5	1001209028	1	Gauge	
6	1001221318	1	Tape, Hook Fastener	
7	1001221319	1	Tape, Loop Fastener	
8	1001257058	1	Box	
9	1001257059	1	Panel	
10	1001257067	2	Grommet	
11	1001257069	1	Seal	
12	1001257087	1	Seal	
13	1001264415	1	Seal	

FIGURE 6-13. CAB, EPD CAULK

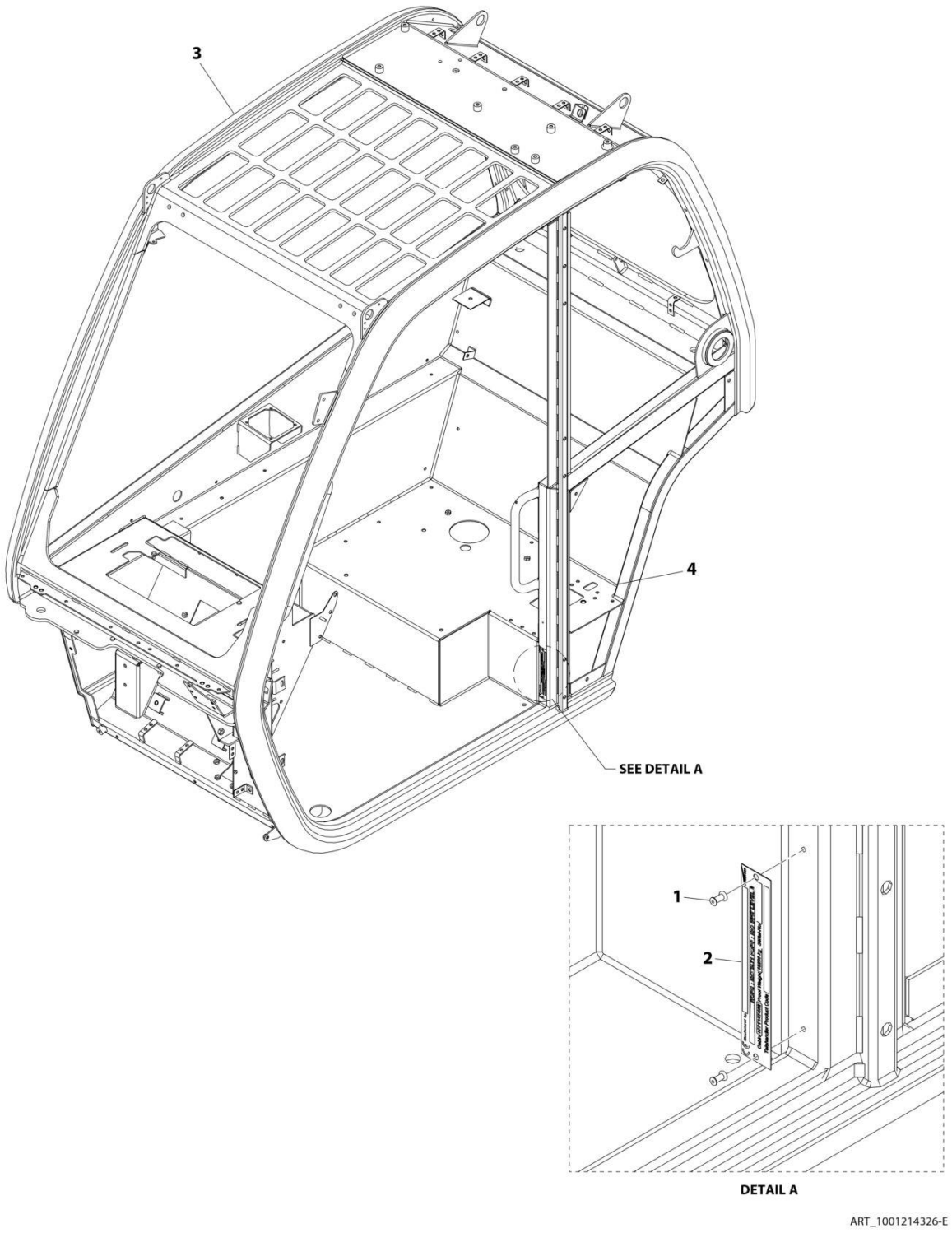


FIGURE 6-13. CAB, EPD CAULK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214326	Ref	Cab	E
1	1001099170	2	Rivet, 4	
2	N.S.S.	1	Plate, Serial Number	
3	N.S.S.	1	Weldment	
4	1001205402	AR	Sealant	

FIGURE 6-14. ENCLOSED CAB ASSEMBLY

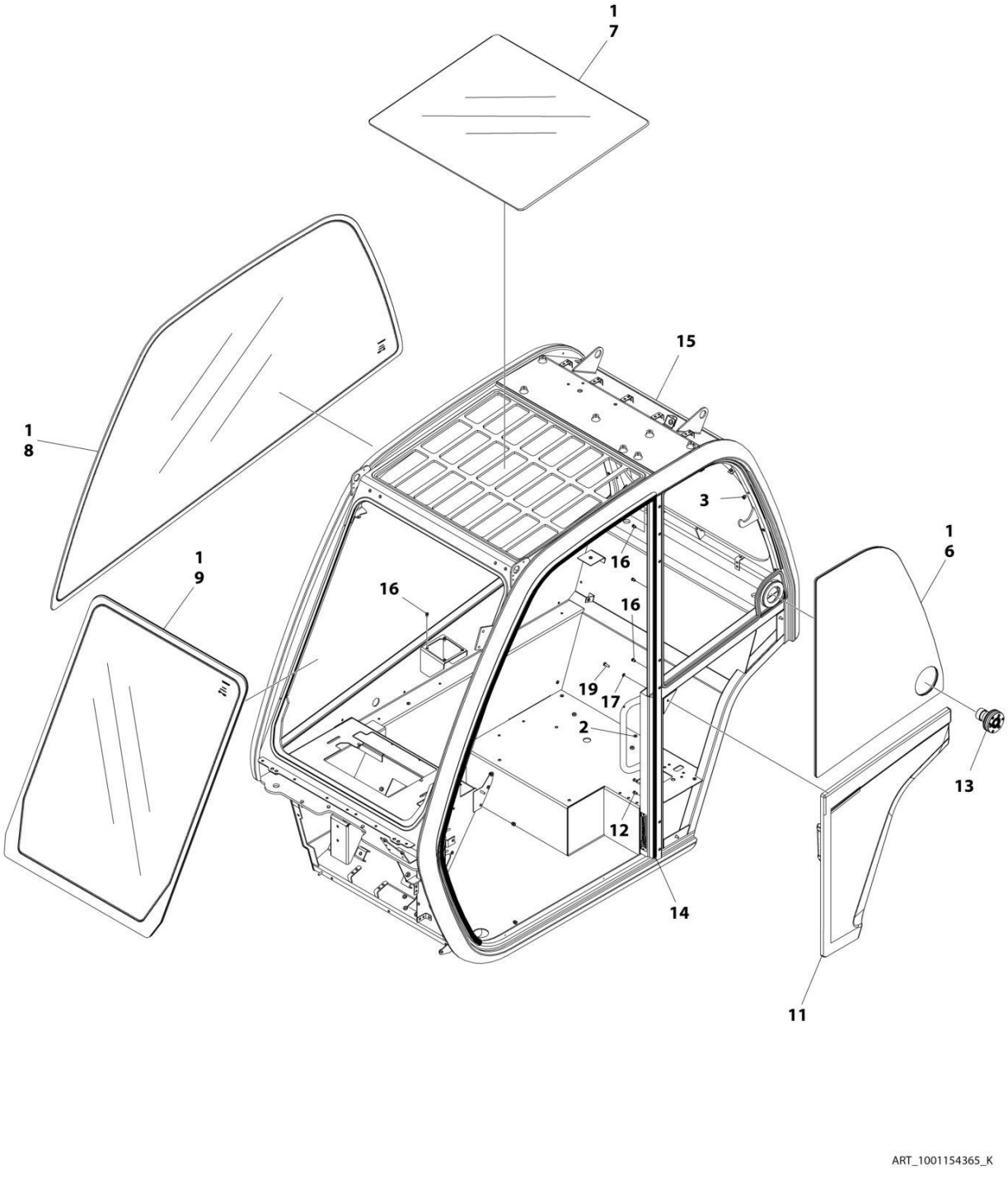


FIGURE 6-14. ENCLOSED CAB ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001154365	Ref	Enclosed Cab Assembly	K
1	1001111317	AR	Compound, Locking	
2	2080086	17	Rivnut, M6X1	
3	2080087	16	Rivnut, M8X1.25	
6	1001152915	1	Glass, LH Screen	
7	1001152934	1	Glass, Roof	
8	1001152947	1	Glass, RH Screen	
9	1001154419	1	Glass, Front	
11	1001256073	1	Panel, Cab Quarter	
12	1001172193	2	Rivnut, M5X0.8	
13	1001174320	1	Latch, Top Window	
14	1001227186	1	Seal, Cab Door	
15	See Note	NSS	Weldment, Cab (Note: Not available for purchase)	
16	1001195878	7	Rivnut, M5X0.8	
17	4811700	3	Washer, M6	
19	N.S.S.	3	Screw	

FIGURE 6-15. ENCLOSED CAB, LSI INSTALLATION

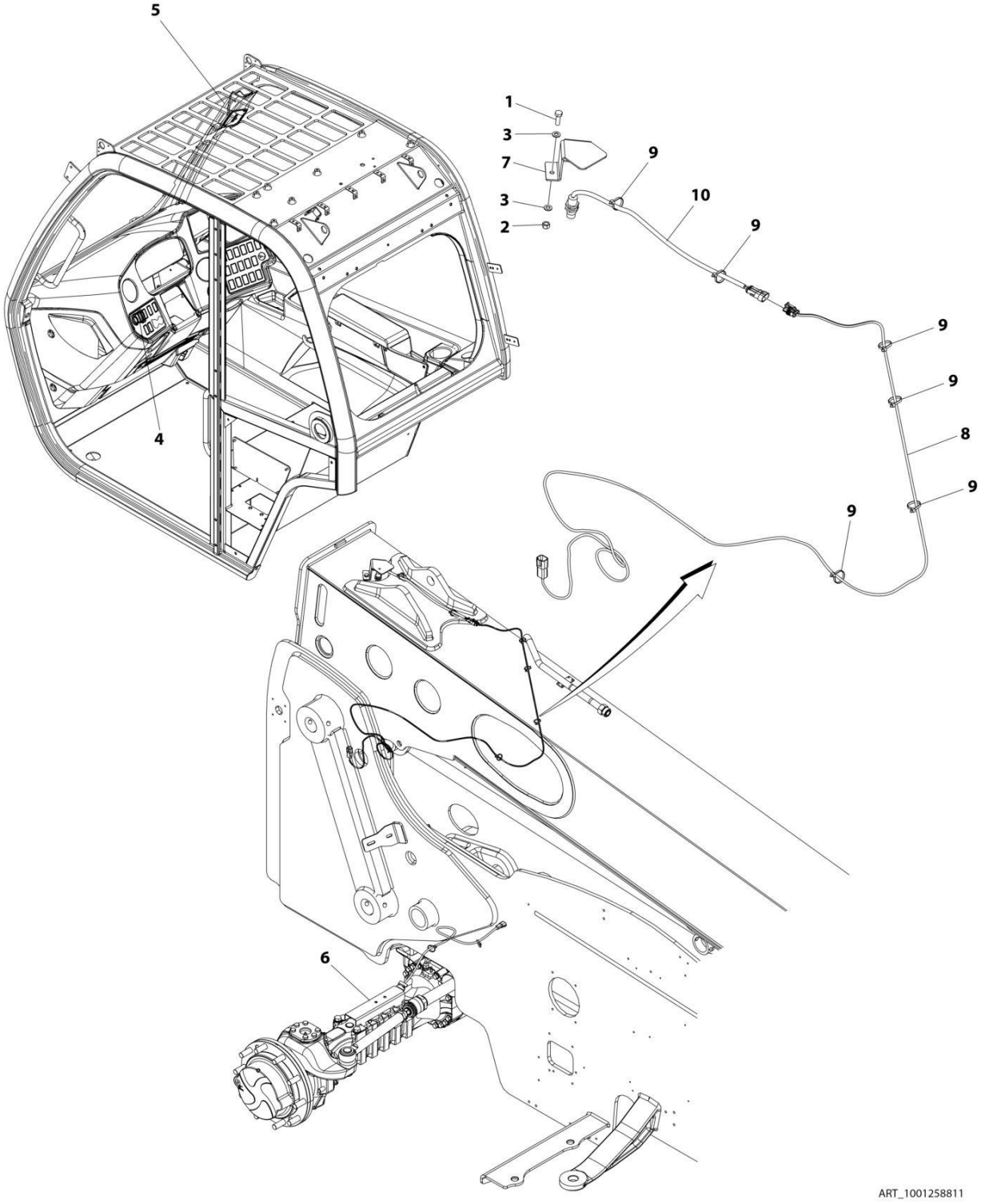


FIGURE 6-15. ENCLOSED CAB, LSI INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258811	Ref	LSI ENCLOSED CAB INSTALLATION	A
1	0760812	2	Bolt M8X25	
2	3290805	2	Nut M8	
3	4811900	4	Washer M8	
4	1001159742	1	Switch, LSI Override	
5	1001207594	1	LSI Display Installation (See Separate Breakdown in this Section)	
6	1001258798	1	LSI Axle Sensor Installation (See Separate Breakdown in Drivetrain Section)	
7	1001258862	1	Plate	
8	1001259062	1	Harness, Boom Retract (See Separate Breakdown in Electrical Section)	
9	1001008559	AR	Strap, Cable	
10	1001183024	1	Sensor, Proximity	

FIGURE 6-16. REAR WINDOW INSTALLATION

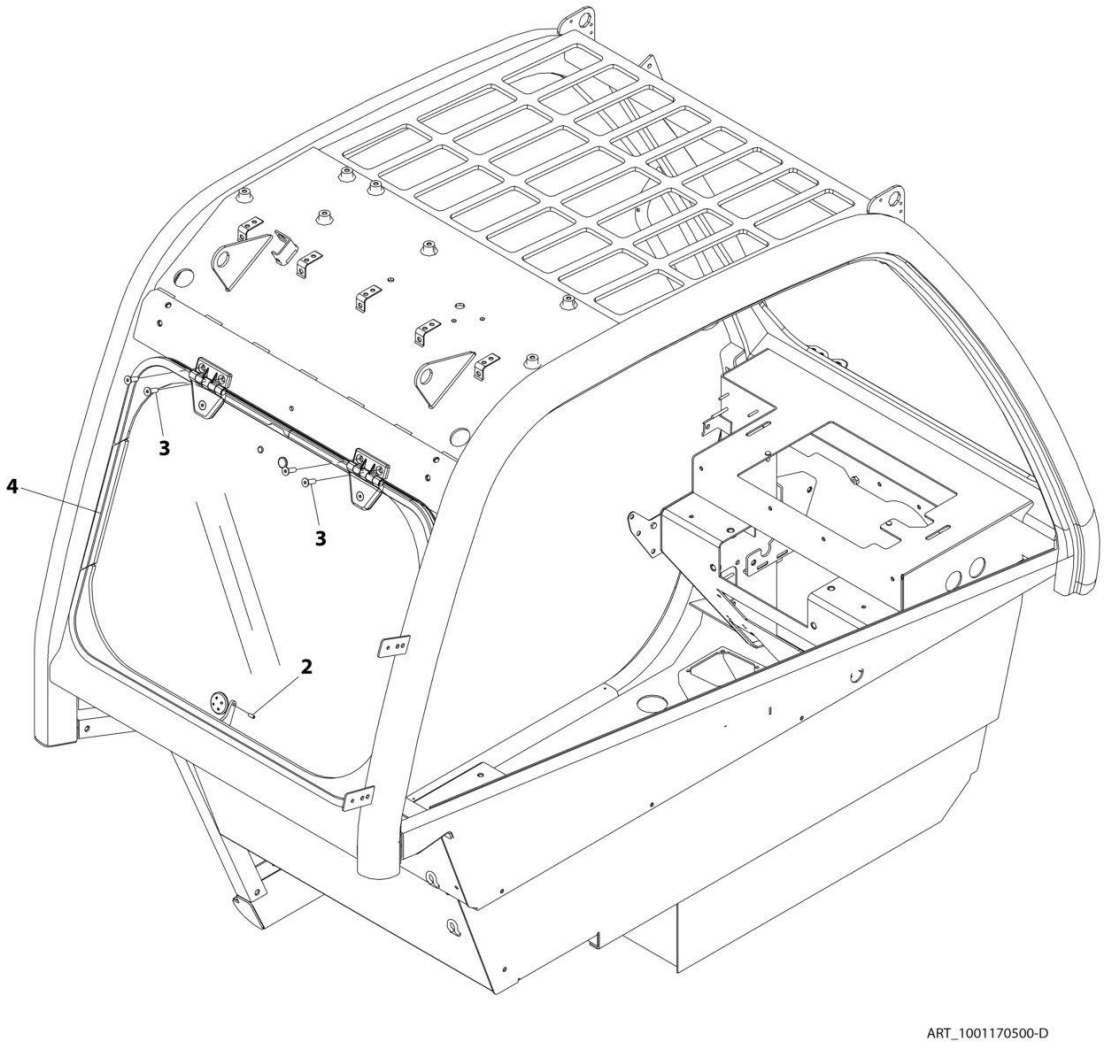
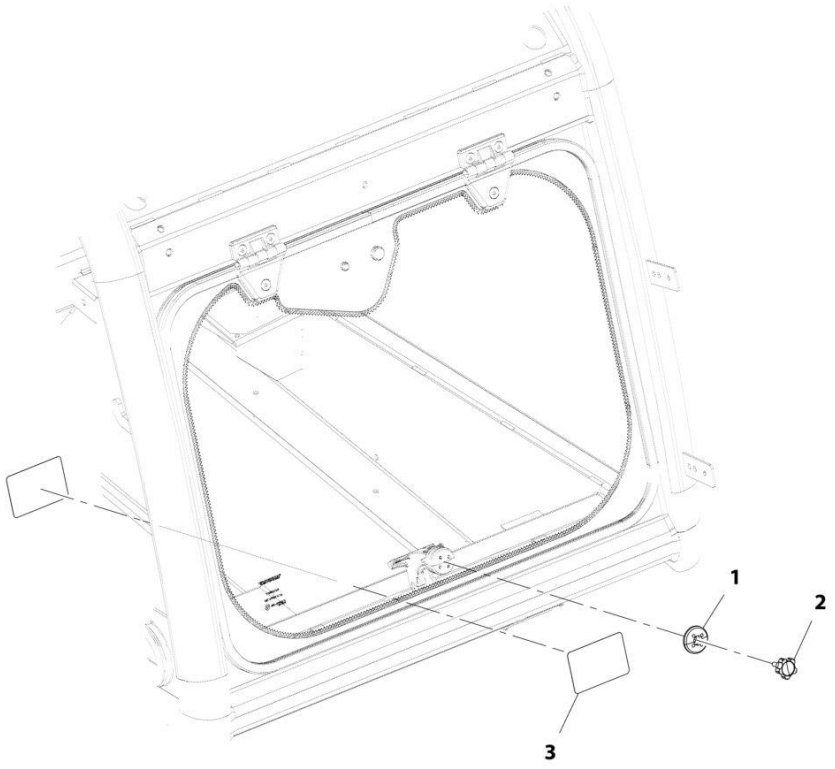


FIGURE 6-16. REAR WINDOW INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170500	Ref	Rear Window Installation	D
2	1001003043	1	Pin, Spring	
3	1001097586	4	Bolt, M8-1.25X25	
4	1001170502	1	Window, Rear (See Separate Breakdown in this Section)	

FIGURE 6-17. REAR WINDOW INSTALLATION (WO/WIPER) (ANSI)

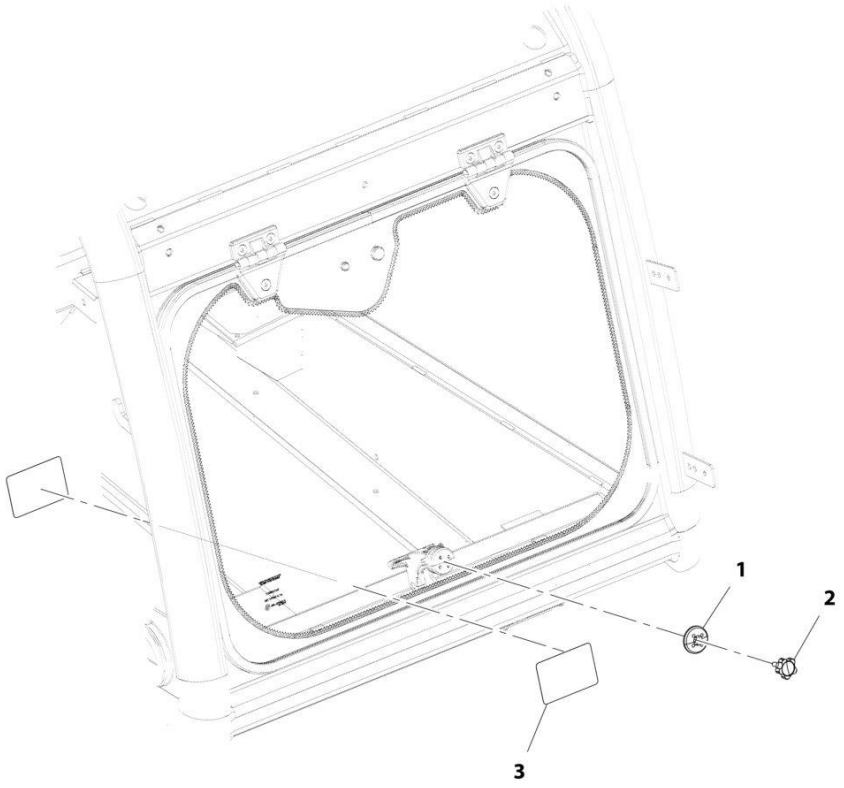


ART_1001212047-A

FIGURE 6-17. REAR WINDOW INSTALLATION (WO/WIPER) (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 6-18. REAR WINDOW INSTALLATION (WO/WIPER) (ISO)

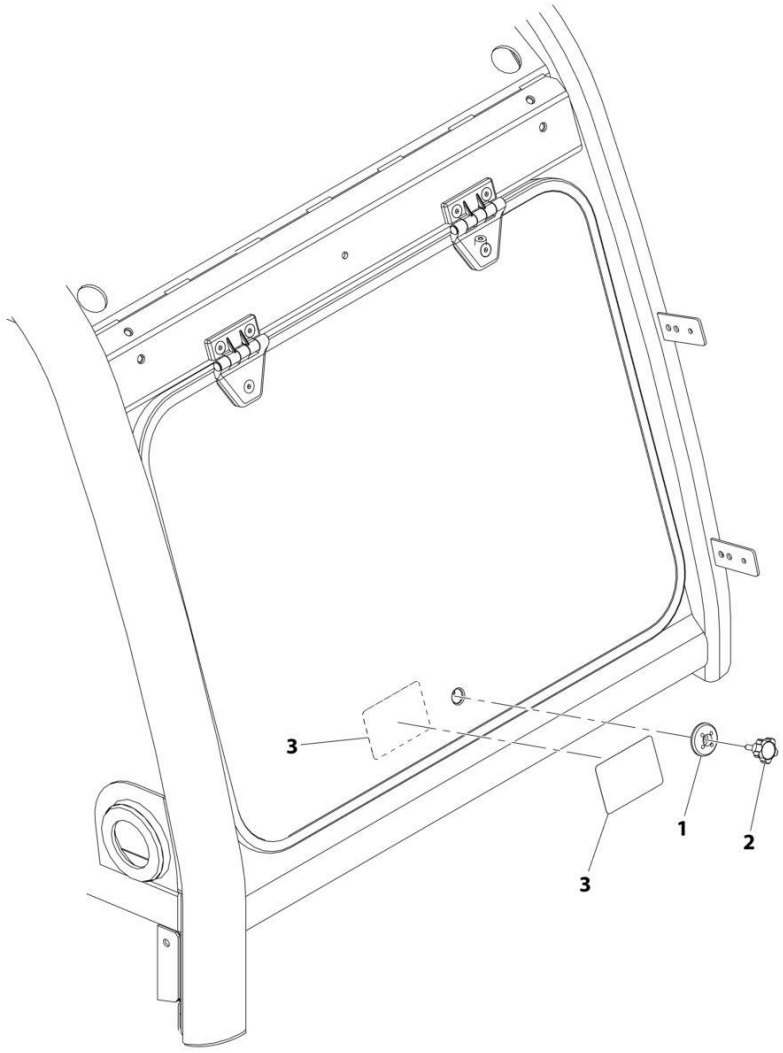


ART_1001212048-A

FIGURE 6-18. REAR WINDOW INSTALLATION (WO/WIPER) (ISO)

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	

FIGURE 6-19. REAR WINDOW INSTALLATION (WO/WIPER) (ENG/SPAN)



ART_1001237852-A

FIGURE 6-19. REAR WINDOW INSTALLATION (WO/WIPER) (ENG/SPAN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237852	Ref	Rear Window Installation (WO/Wiper) (ENG/SPAN)	A
1	1001179008	1	Cap, Latch Window	
2	1001179009	1	Cap, Knob M6	
3	1001237845	2	Decal, Emergency Exit	

FIGURE 6-20. REAR WINDOW ASSEMBLY

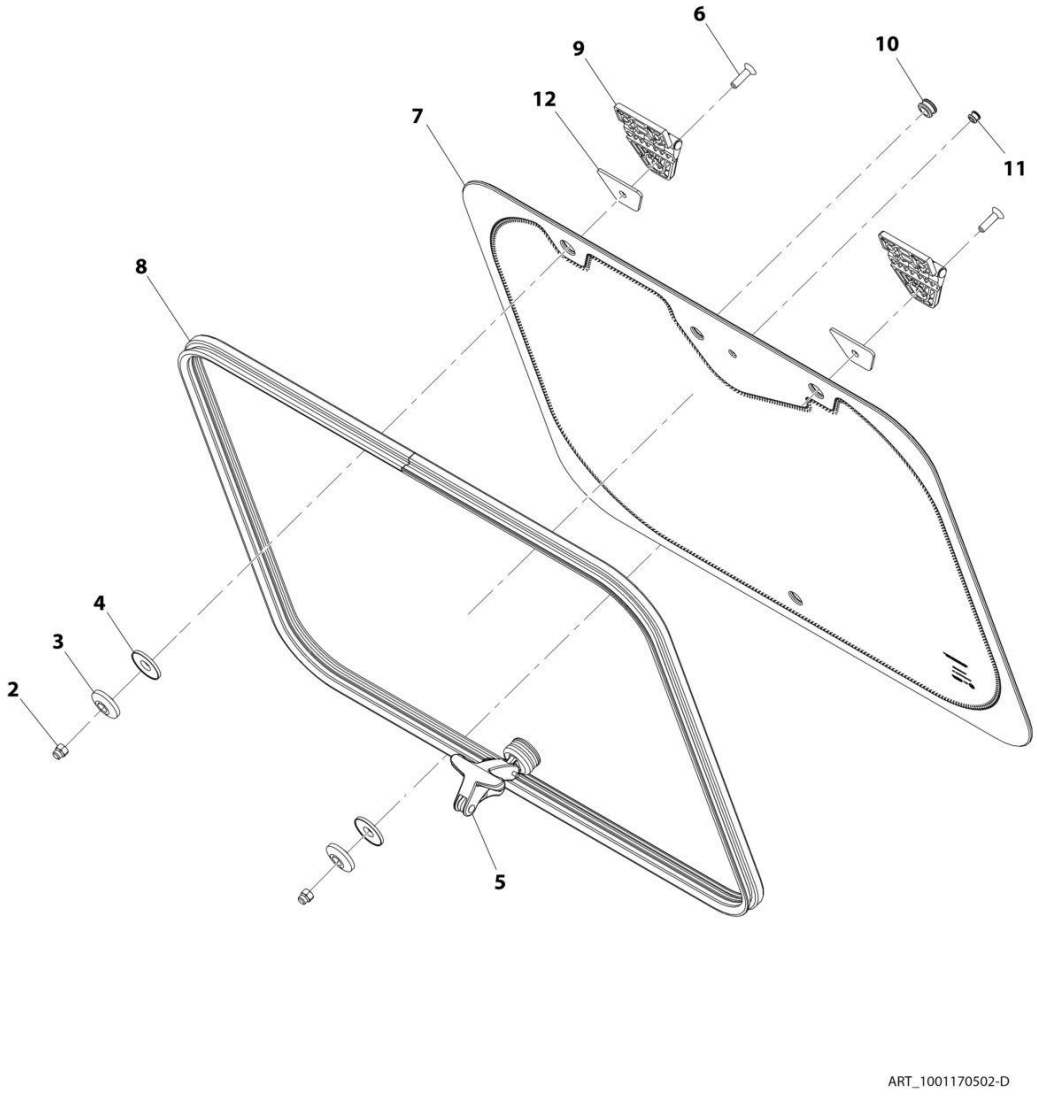


FIGURE 6-20. REAR WINDOW ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170502	Ref	Rear Window Assembly	D
2	3290806	2	Nut, M8X1.25 Grade 8	
3	8000759	2	Spacer	
4	8004398	2	Washer	
5	1001005368	1	Latch, Window	
6	2080078	2	Fastener, M8X30	
7	1001157481	1	Glass, Rear Window	
8	1001157487	1	Seal	
9	1001139568	2	Hinge	
10	1001171182	1	Grommet	
11	1001171183	1	Grommet	
12	1001181411	2	Gasket, Rear Window Hinge	

FIGURE 6-21. DOOR INSTALLATION

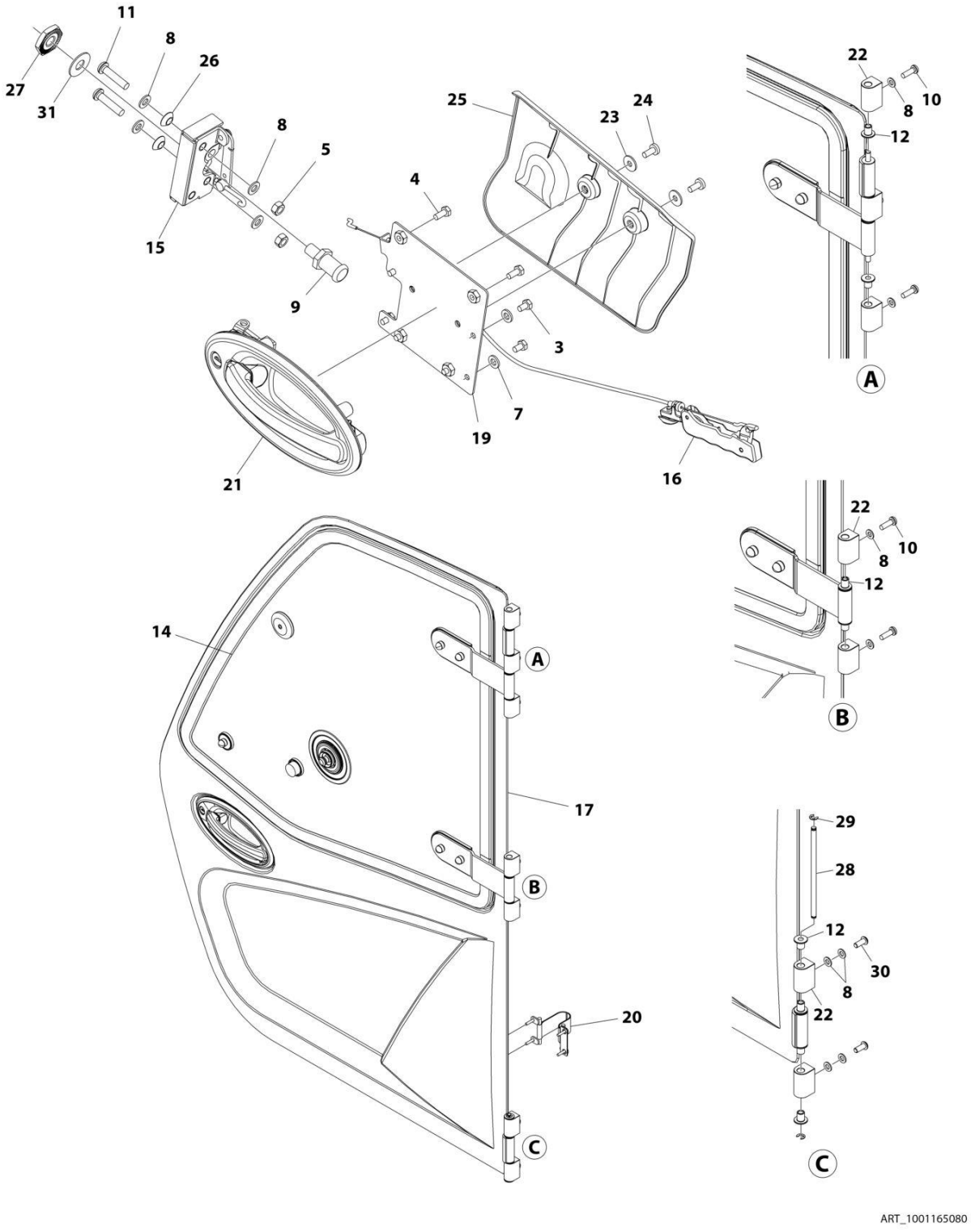


FIGURE 6-21. DOOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165080	Ref	Door Installation	P
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	1001169881	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	1001170601J	7	Lug, Hinge	
23	4811702001	2	Washer, M6	
24	4010608002	2	Screw, M6X16	
25	1001175477	1	Cover, Cab Door Interior	
26	1001184439	2	Bushing	
27	1001192309	1	Nut, M12X1	
28	1001213791	1	Pin, Hinge	
29	0498748	2	Clip, Snap Ring	
30	1001164726	2	Bolt, M8X20	
31	1001227802	1	Washer	

FIGURE 6-22. DOOR UPPER GLASS ASSEMBLY

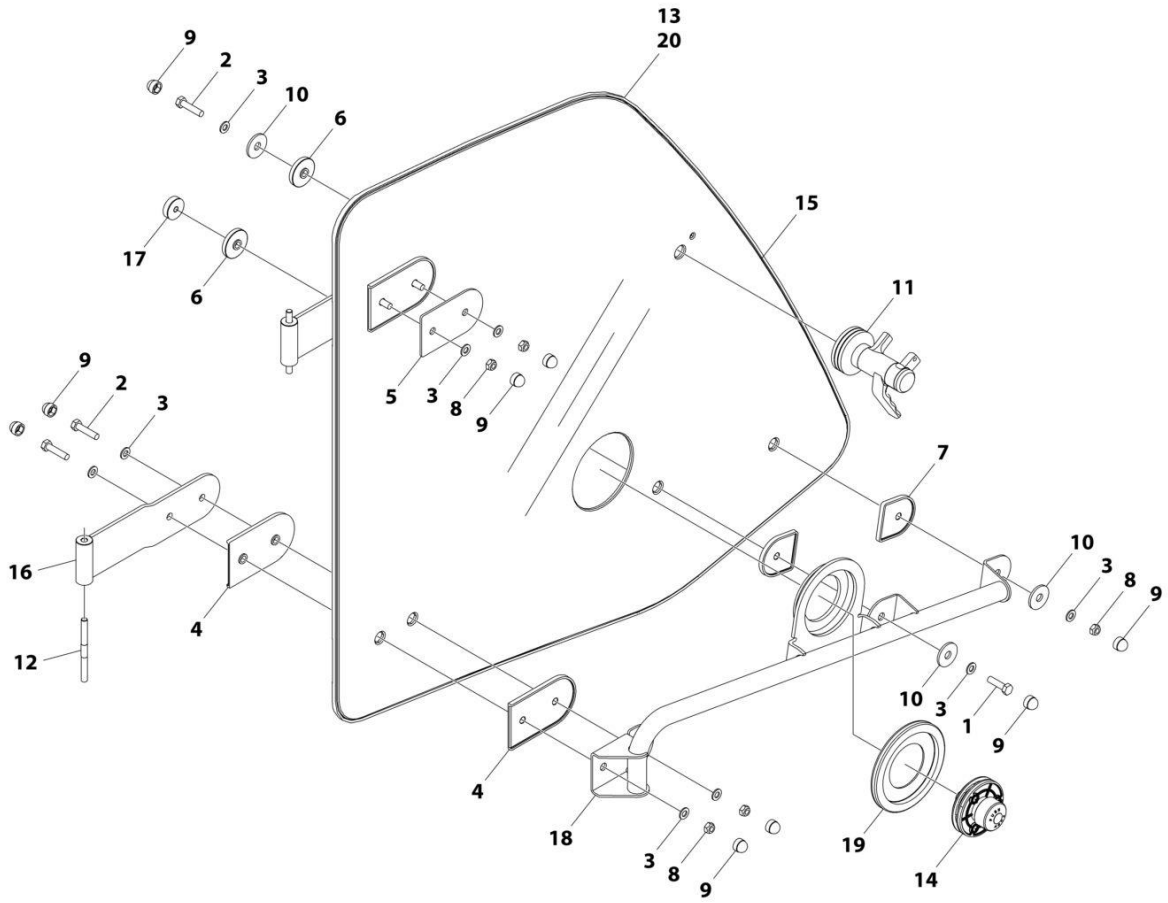


FIGURE 6-22. DOOR UPPER GLASS ASSEMBLY

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 6-23. CAB LATCH ASSEMBLY

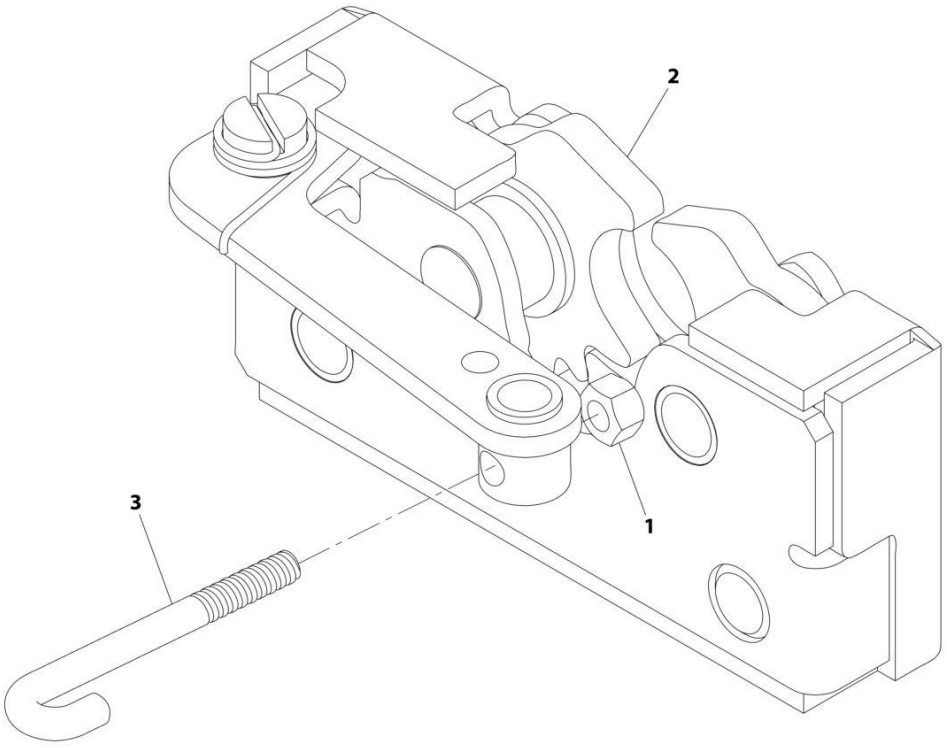


FIGURE 6-23. CAB LATCH ASSEMBLY

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

FIGURE 6-24. CAB DOOR TRIGGER ASSEMBLY

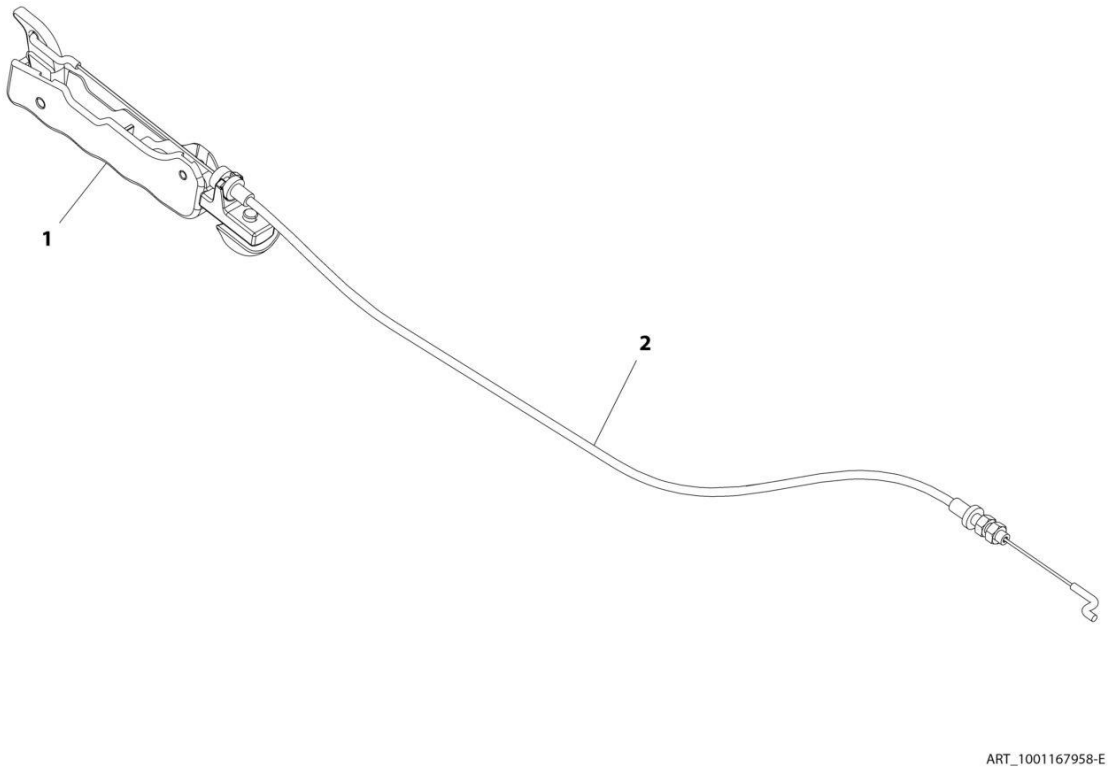


FIGURE 6-24. CAB DOOR TRIGGER ASSEMBLY

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 6-25. DOOR ASSEMBLY

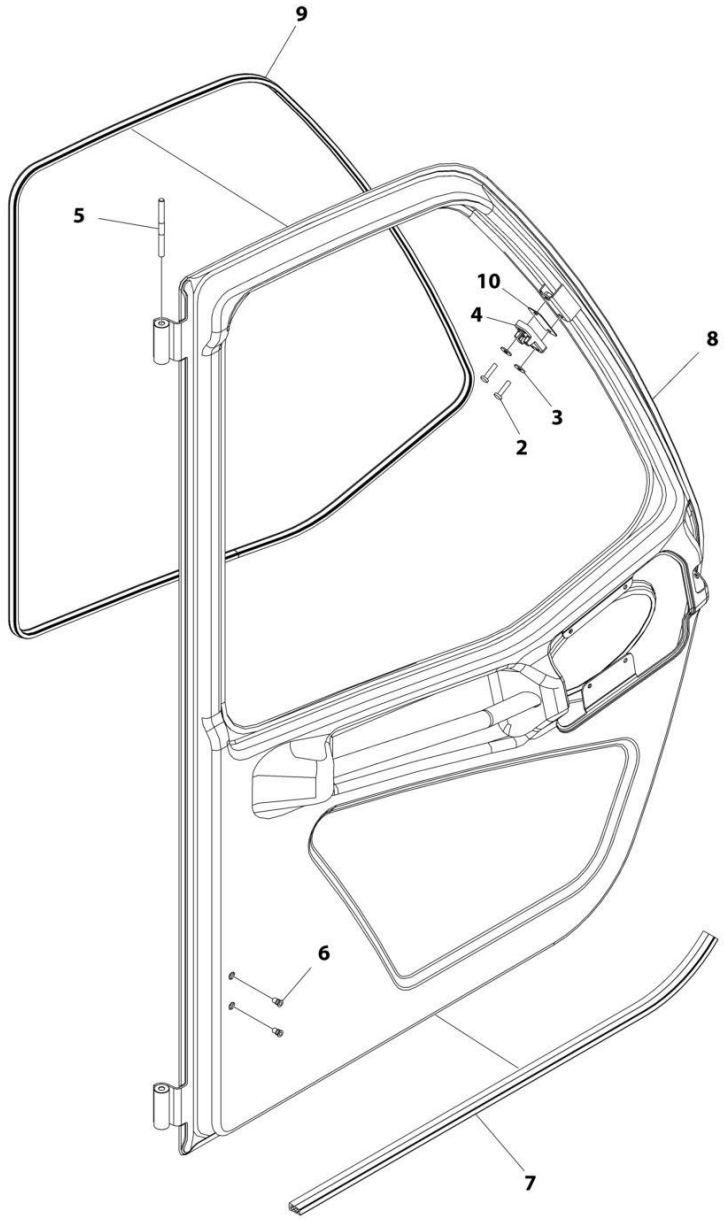


FIGURE 6-25. DOOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169881	Ref	Door Assembly	K
2	4010612002	2	Screw, Posi-Drive, M6X25	
3	4811702001	2	Washer, M6	
4	1001165276	1	Plate, Window Latch Striker	
5	1001166634	1	Pin, Hinge	
6	1001172193	2	Rivnut, M5X0.8	
7	1001227188	1	Seal, Cab Door	
8	1001165022J	1	Door, Cab (See Separate Breakdown in this Section)	
9	1001227187	1	Seal, Cab Door Window	
10	1001193210	AR	Shim, Window Latch	

FIGURE 6-26. CAB DOOR

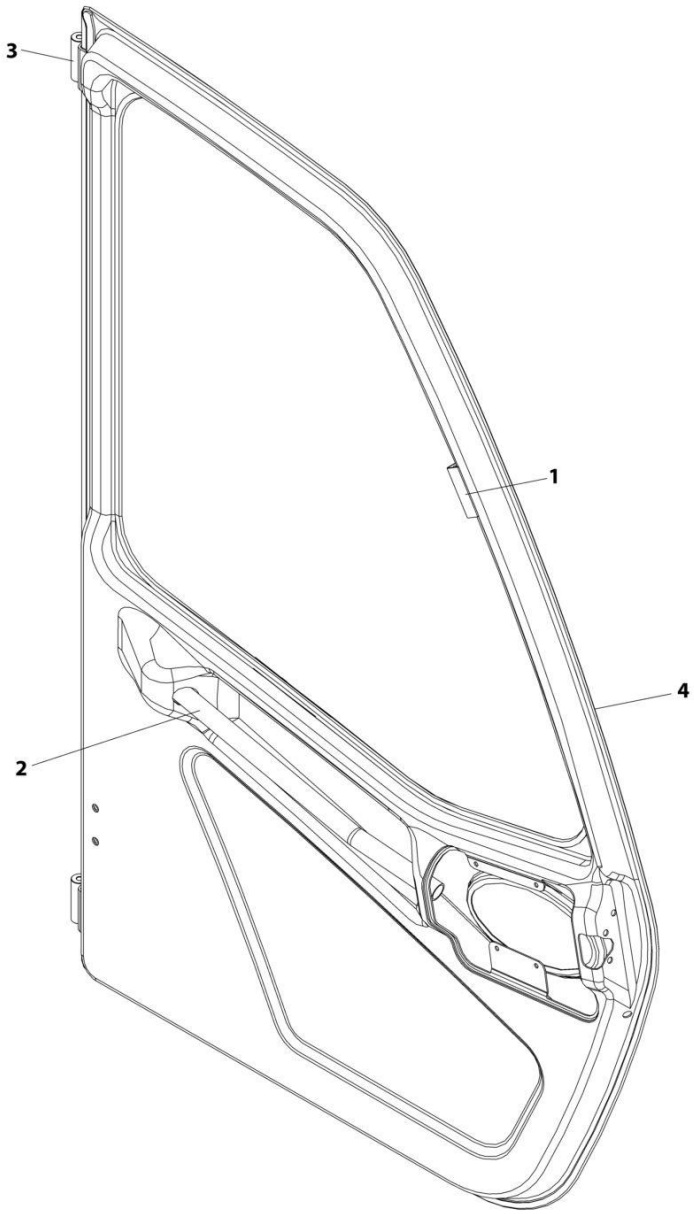


FIGURE 6-26. CAB DOOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165022	Ref	Cab Door	E
1	1001169883	1	Bracket, Window Latch	
2	1001169885	1	Handle, Interior Door	
3	1001171037	1	Plate, Hinge	
4	1001171634	1	Frame, Door	

FIGURE 6-27. DOOR STRAP INSTALLATION

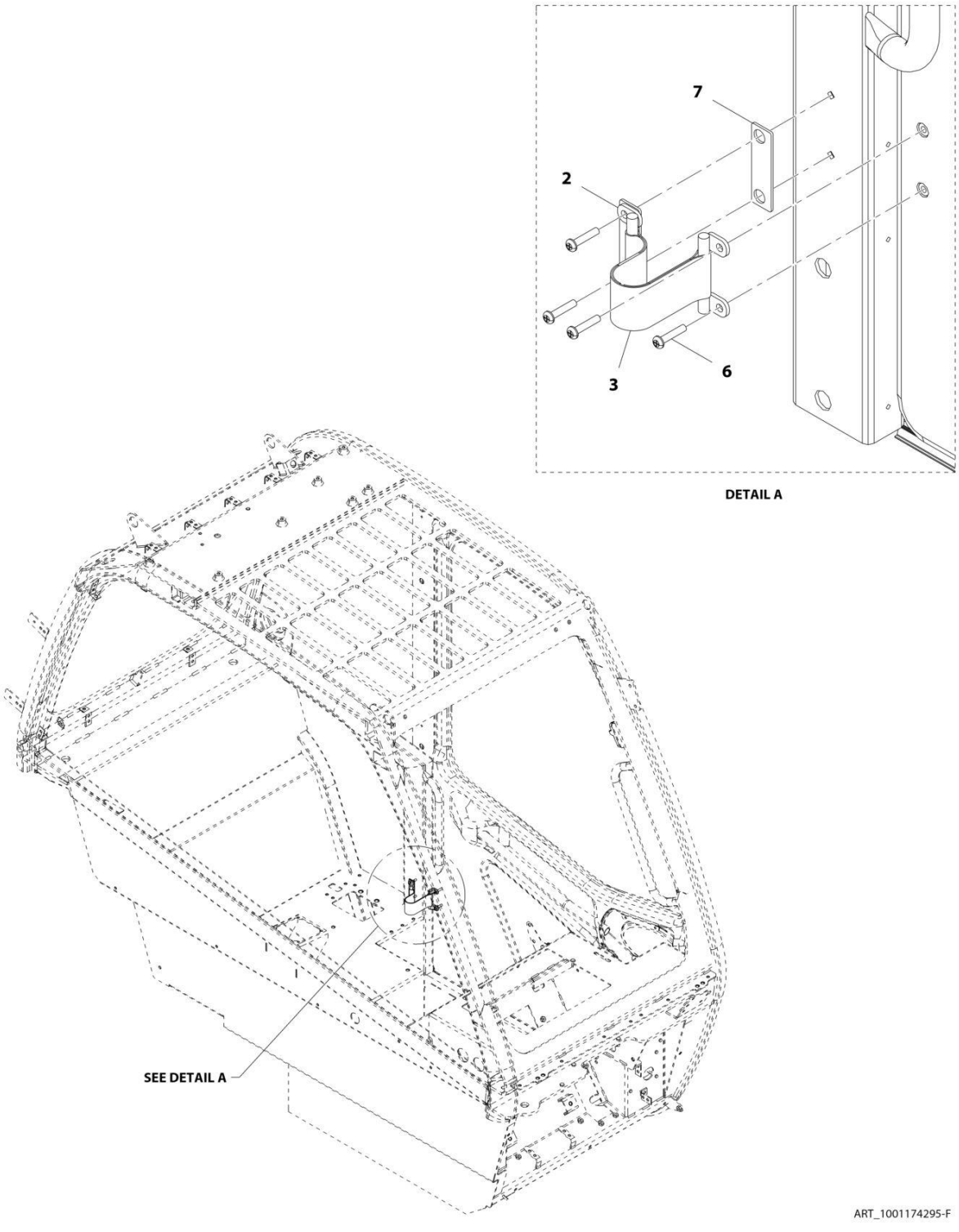


FIGURE 6-27. DOOR STRAP INSTALLATION

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 6-28. ENCLOSED CAB PLUG GROUP

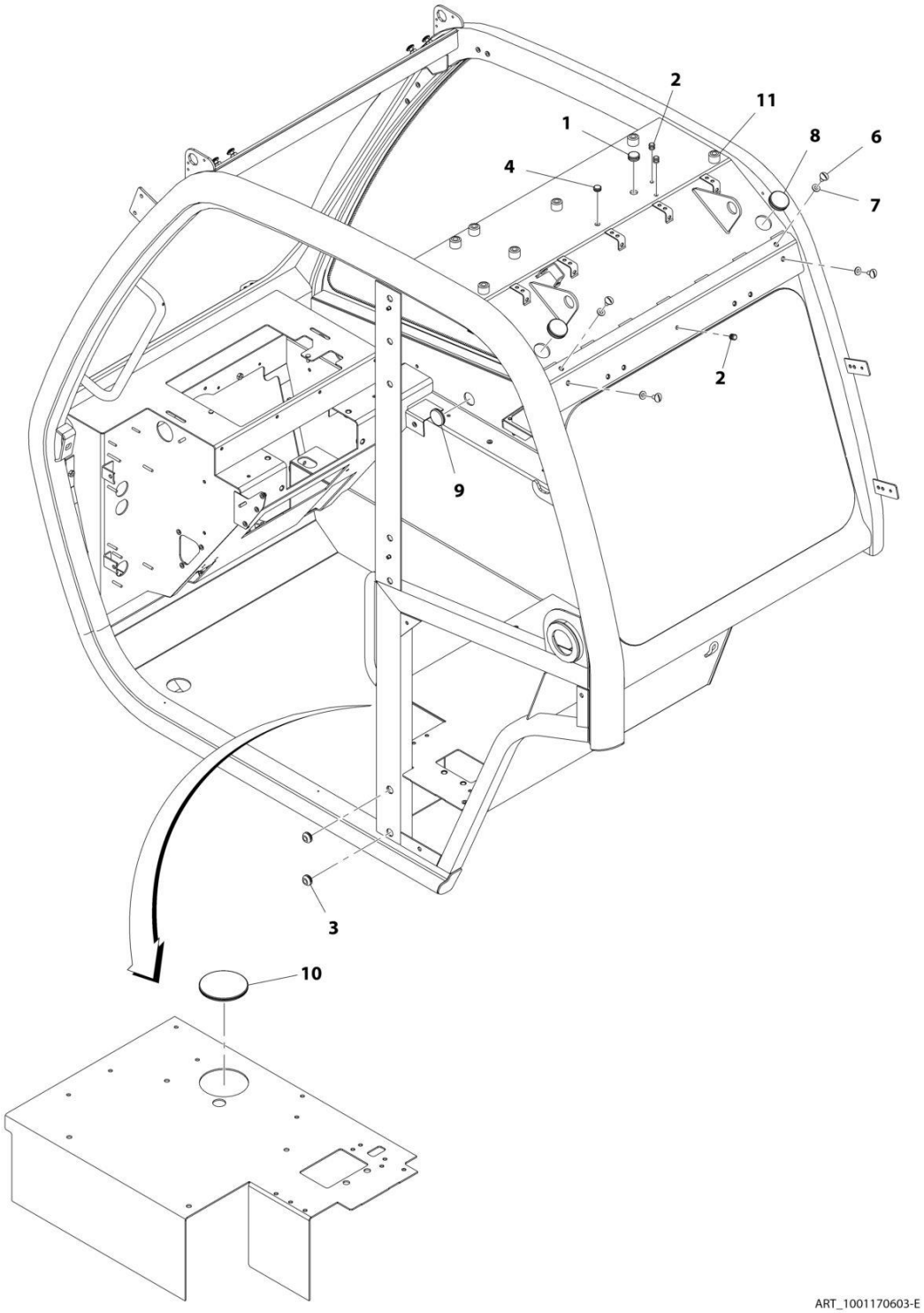


FIGURE 6-28. ENCLOSED CAB PLUG GROUP

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 6-29. ENCLOSED CAB, LSI DISPLAY INSTALLATION

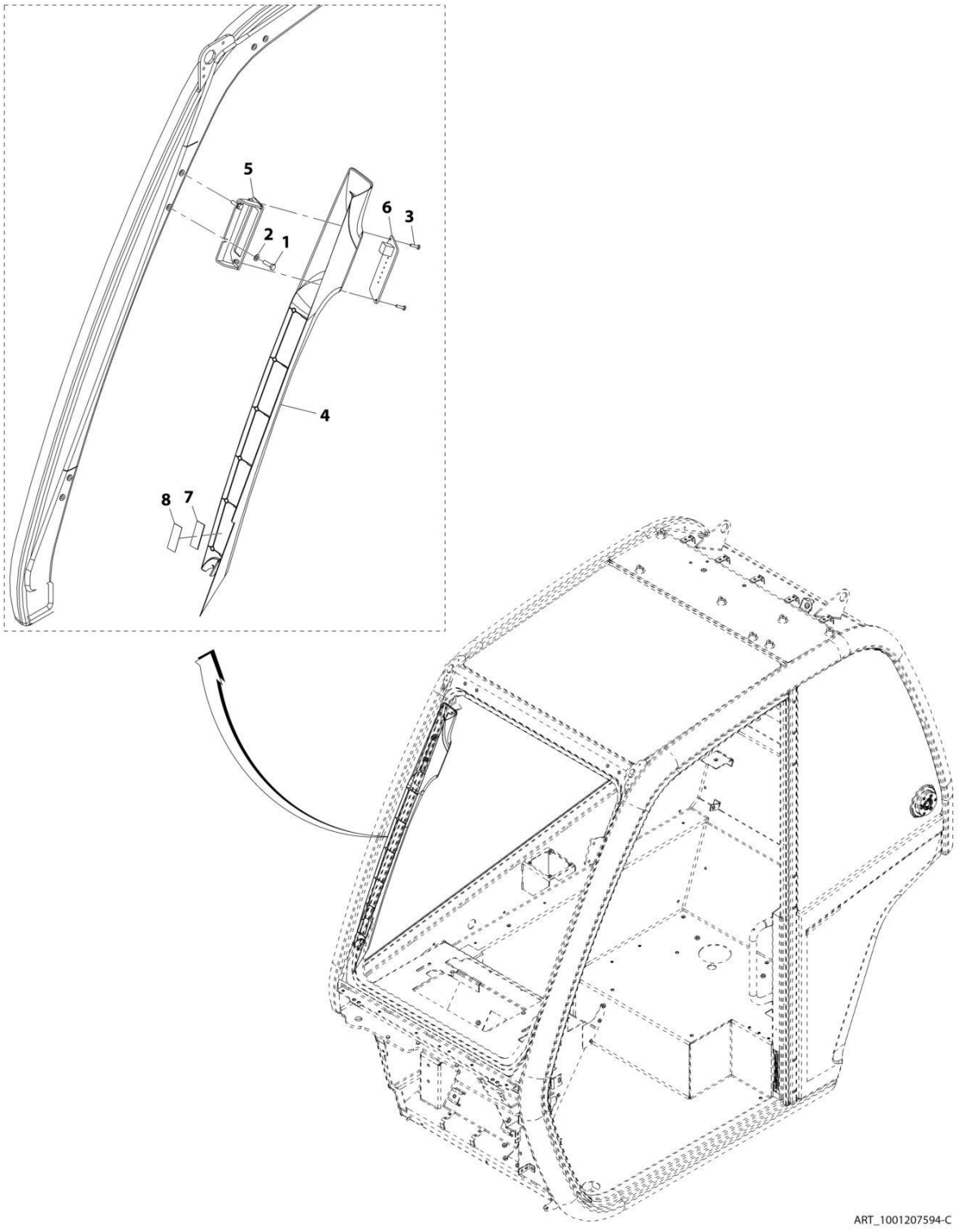


FIGURE 6-29. ENCLOSED CAB, LSI DISPLAY INSTALLATION

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 6-30. BASIC MIRROR INSTALLATION

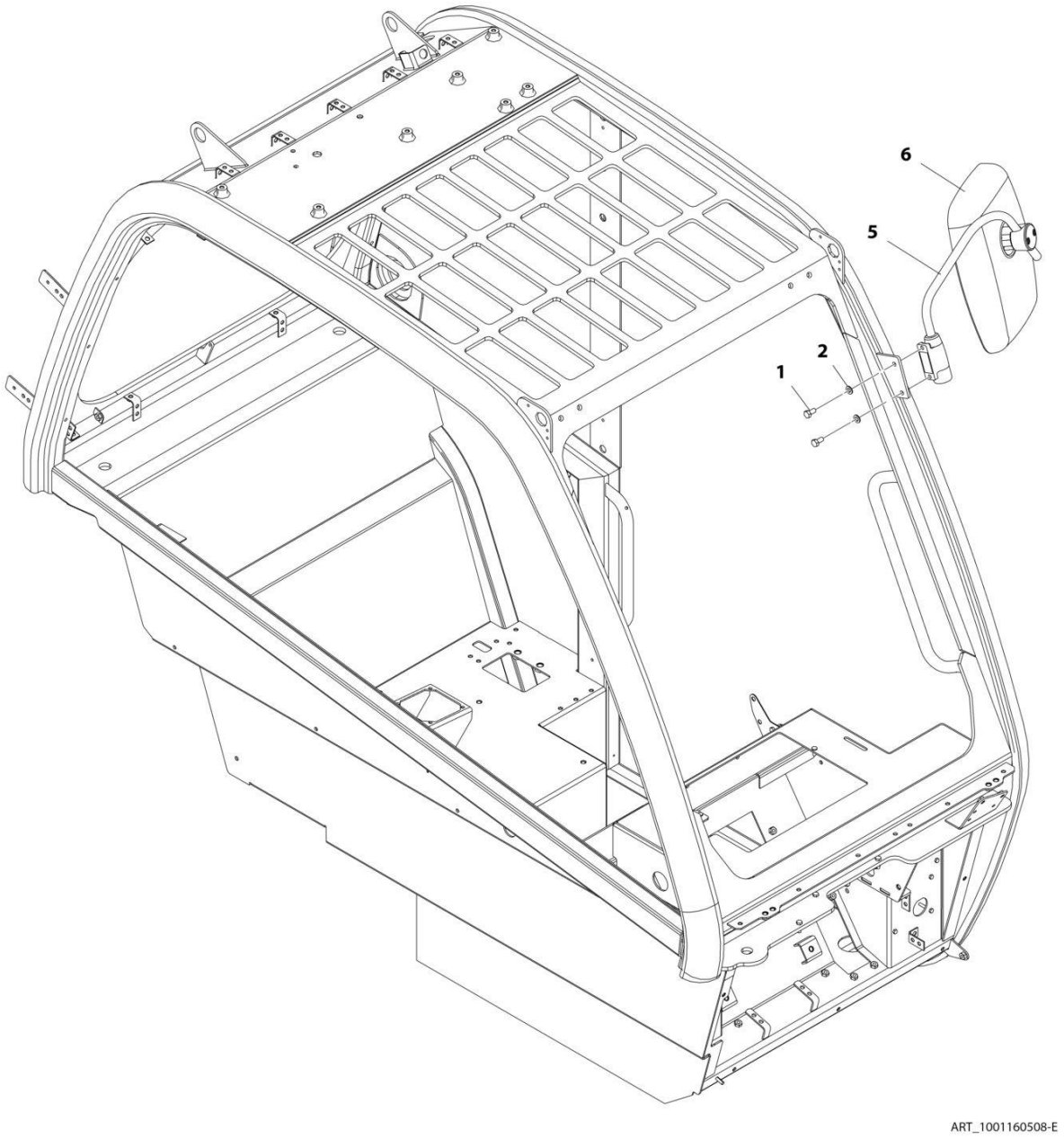


FIGURE 6-30. BASIC MIRROR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160508	Ref	Basic Mirror Installation	E
1	0760808	2	Bolt, M8X16	
2	4811900	2	Washer, M8	
5	1001164655	1	Bracket	
6	80363195	1	Mirror	

FIGURE 6-31. FRONT COVER INSTALLATION (OPEN CAB)

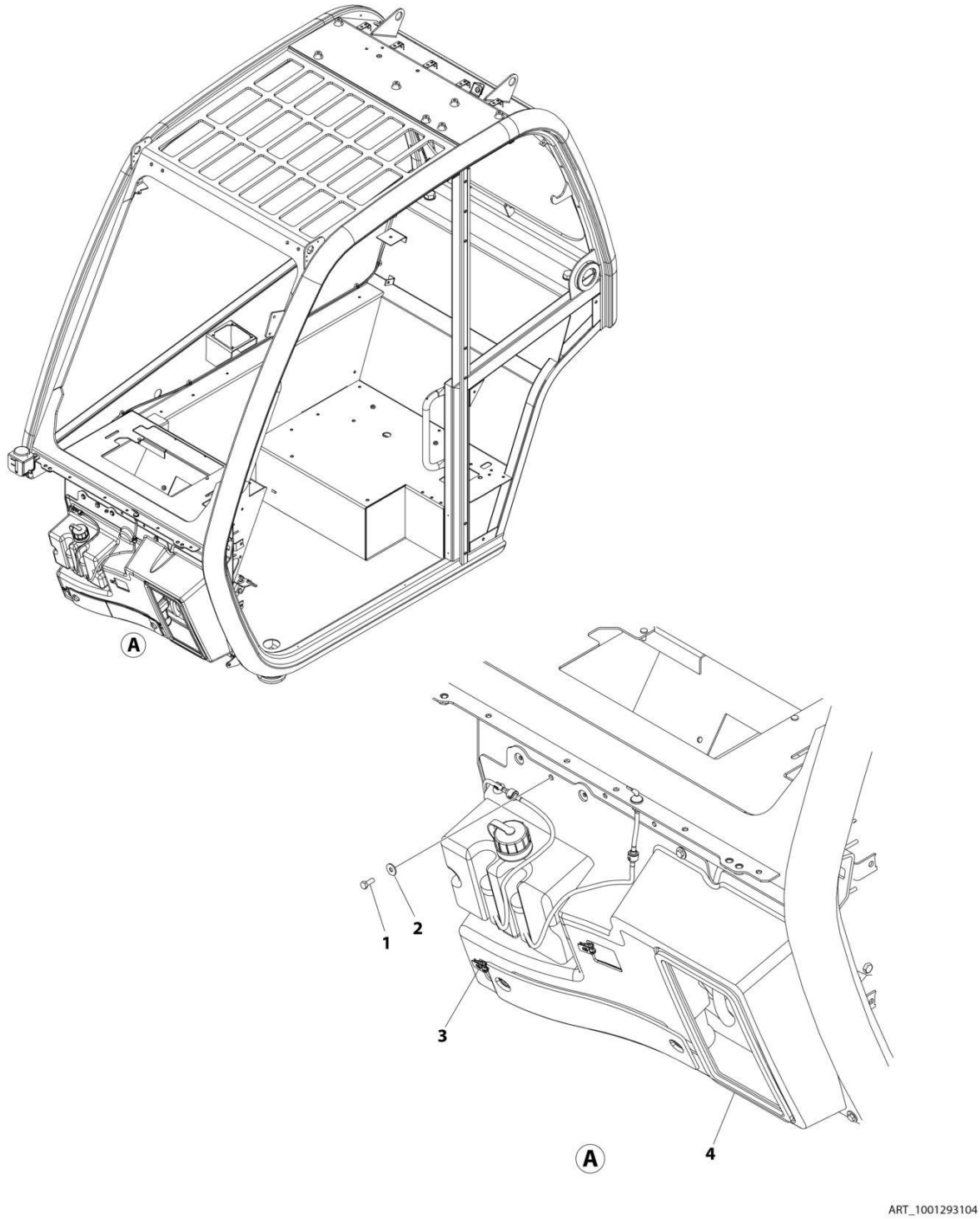


FIGURE 6-31. FRONT COVER INSTALLATION (OPEN CAB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001293104	Ref	FRONT COVER INSTALLATION	A
1	0760608	7	Bolt M6 x 16	
2	4811702	7	Washer M6	
3	8305919	2	Nut M6	
4	1001176121	1	Cover, Front Duct (See Separate Breakdown in this Section)	

FIGURE 6-32. FRONT COVER INSTALLATION (ENCLOSED CAB)

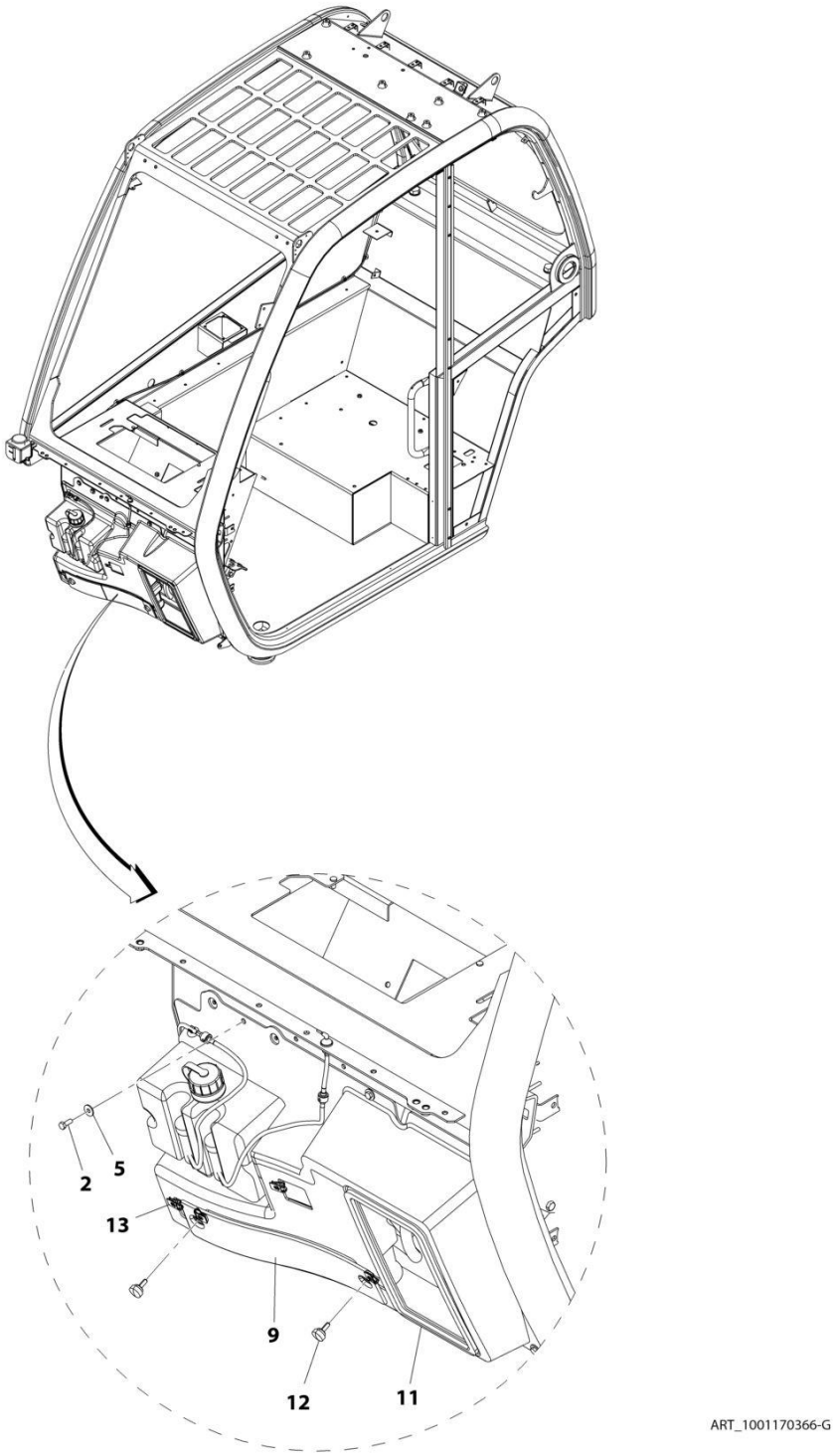


FIGURE 6-32. FRONT COVER INSTALLATION (ENCLOSED CAB)

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 6-33. FIRE EXTINGUISHER INSTALLATION

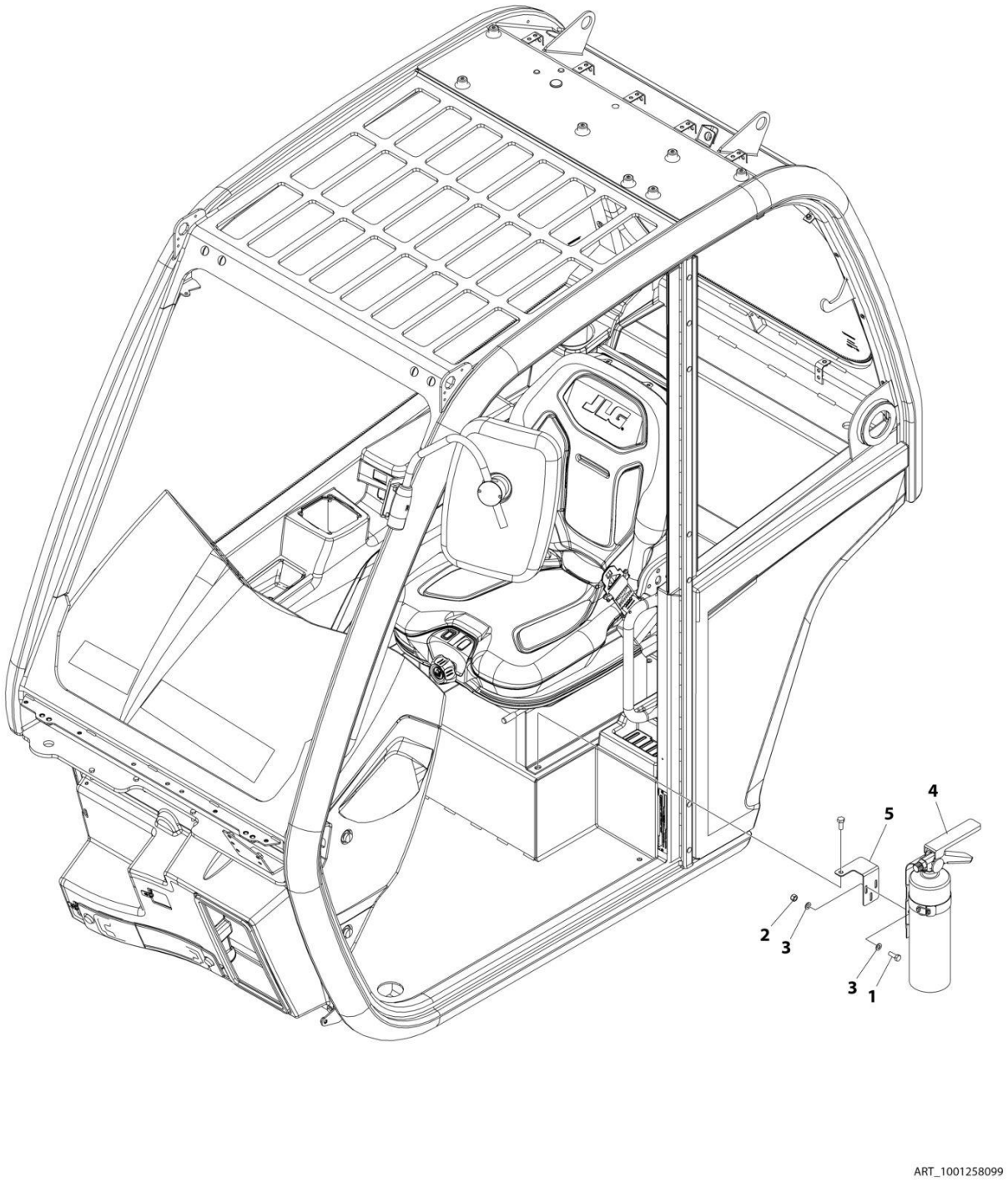
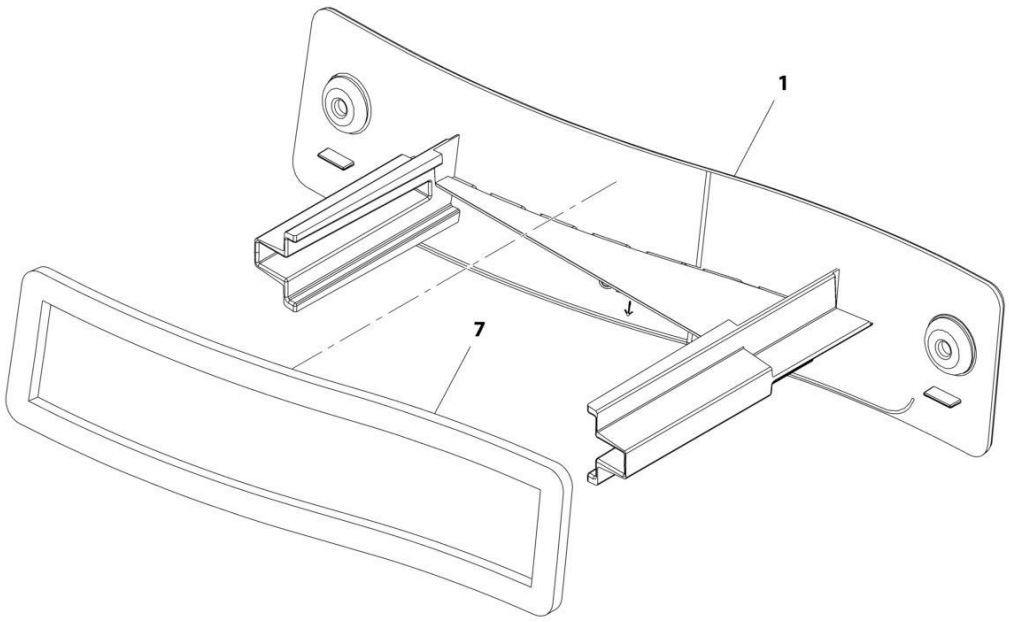


FIGURE 6-33. FIRE EXTINGUISHER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258099	Ref	FIRE EXTINGUISHER INSTALLATION	A
1	0760507	3	Bolt M5X14	
2	3290505	3	Nut M5	
3	4811600	6	Washer M5	
4	1001099699	1	Fire Extinguisher Assy	
5	1001241337	1	Bracket	

FIGURE 6-34. FILTER TRAY PANEL



ART_1001175471-D

FIGURE 6-34. 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 6-35. FRONT DUCT COVER

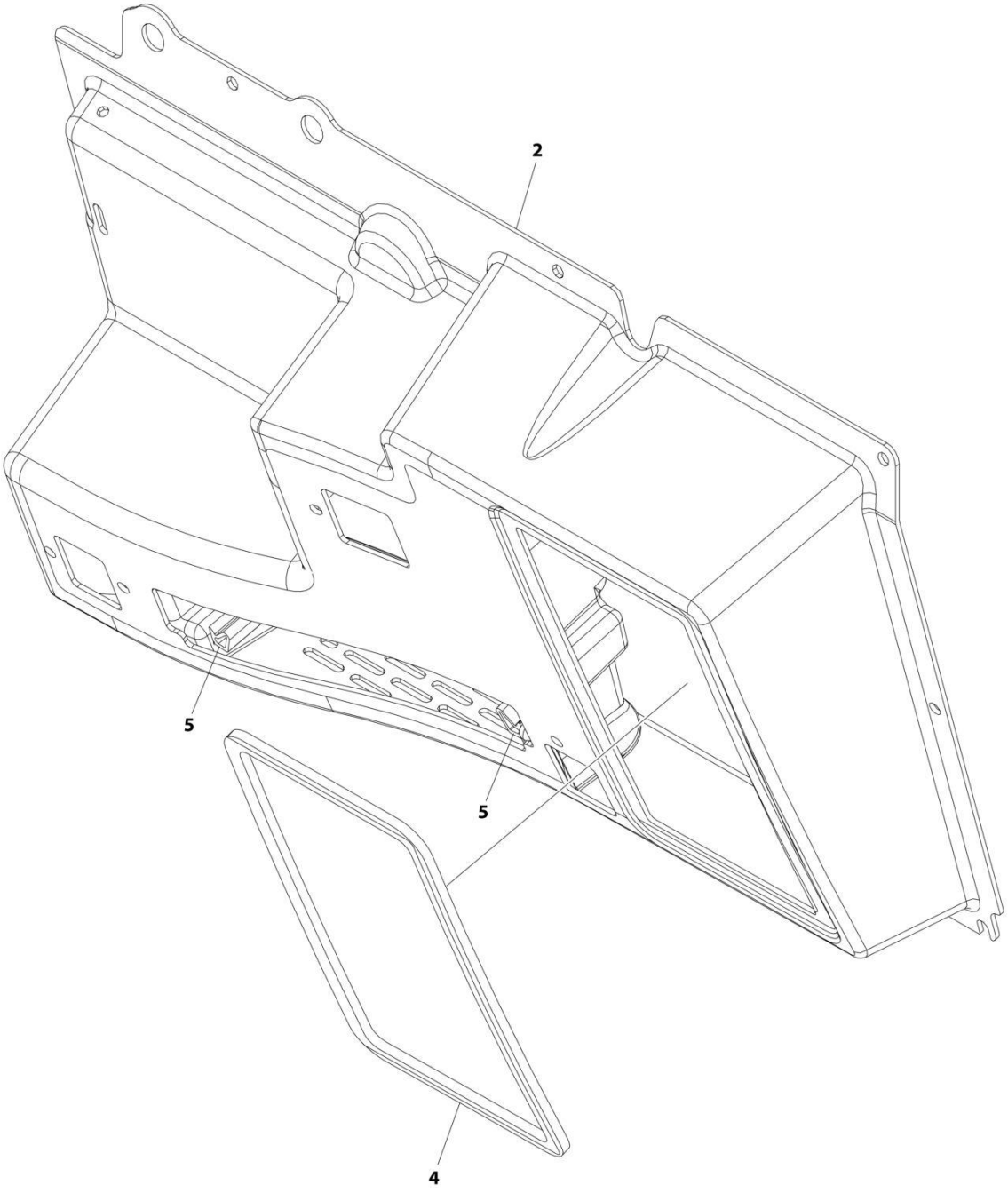


FIGURE 6-35. FRONT DUCT COVER

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 6-36. LEVEL INDICATOR INSTALLATION

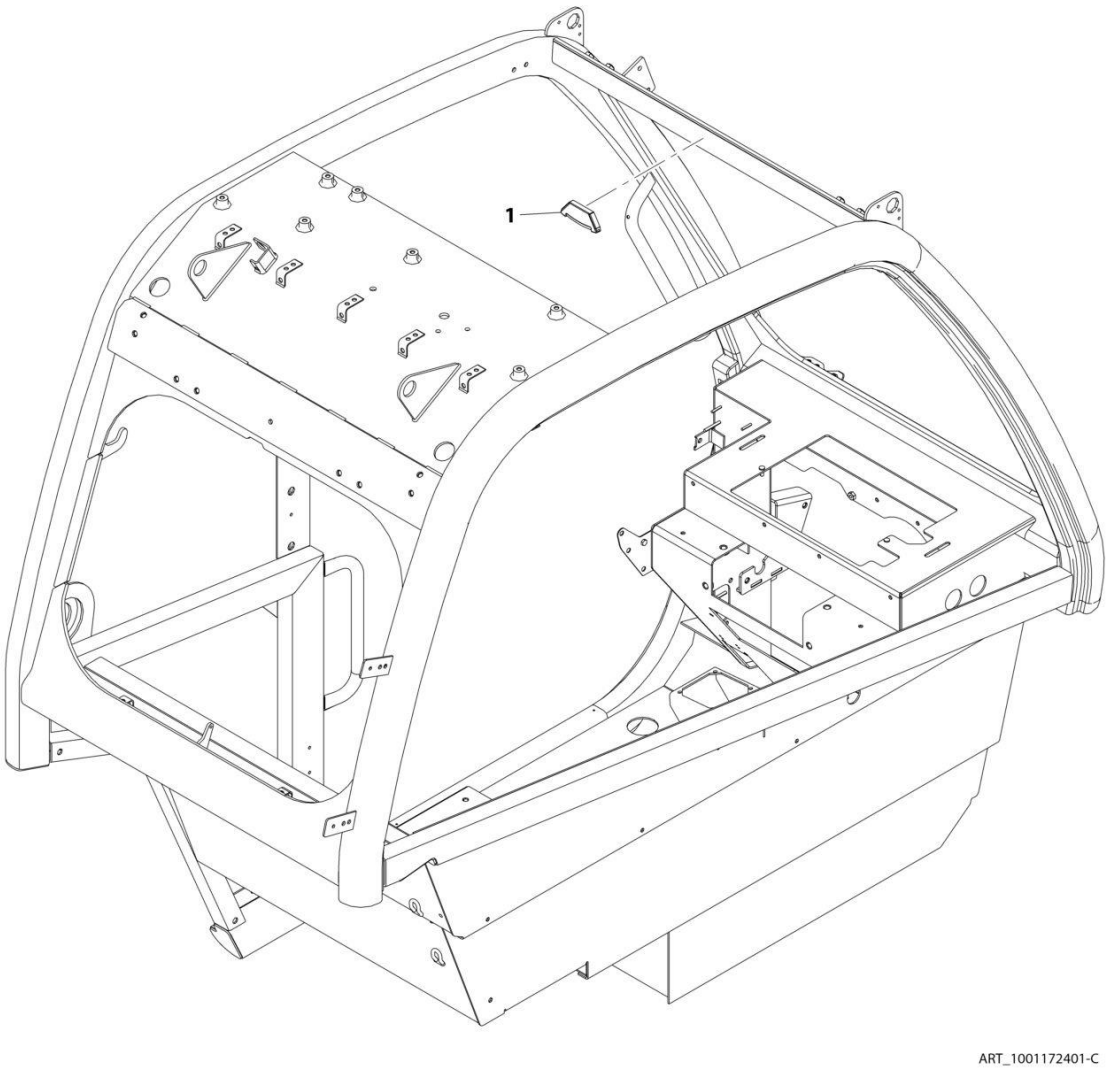


FIGURE 6-36. LEVEL INDICATOR INSTALLATION

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

FIGURE 6-37. SEAT INSTALLATION - CLOTH (ORANGE SEAT BELT)

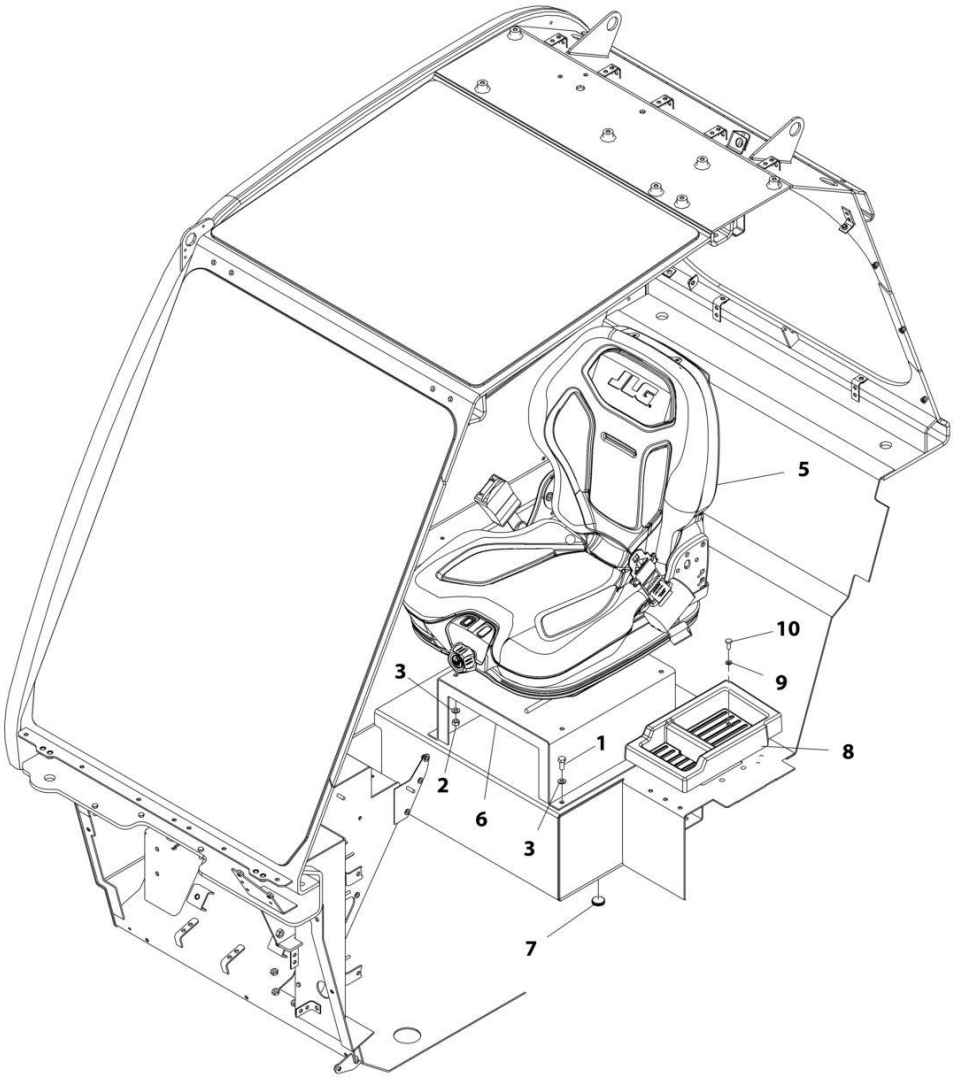


FIGURE 6-37. SEAT INSTALLATION - CLOTH (ORANGE SEAT BELT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001164615	Ref	Seat Installation	I
1	0760810	4	Bolt, M8X20	
2	3311505	4	Nut, Lock 5/16-18	
3	4811900	8	Washer, M8	
5	1001275929	1	Seat (See Separate Breakdown in this Section)	
6	1001164498	1	Plinth, Seat	
7	1001196076	1	Plug	
8	1001170515	1	Insert, Storage Tray	
9	4811700	1	Washer, M6	
10	4010608002	1	Screw, Posi-Drive, M6X16	

FIGURE 6-38. SEAT INSTALLATION - VINYL

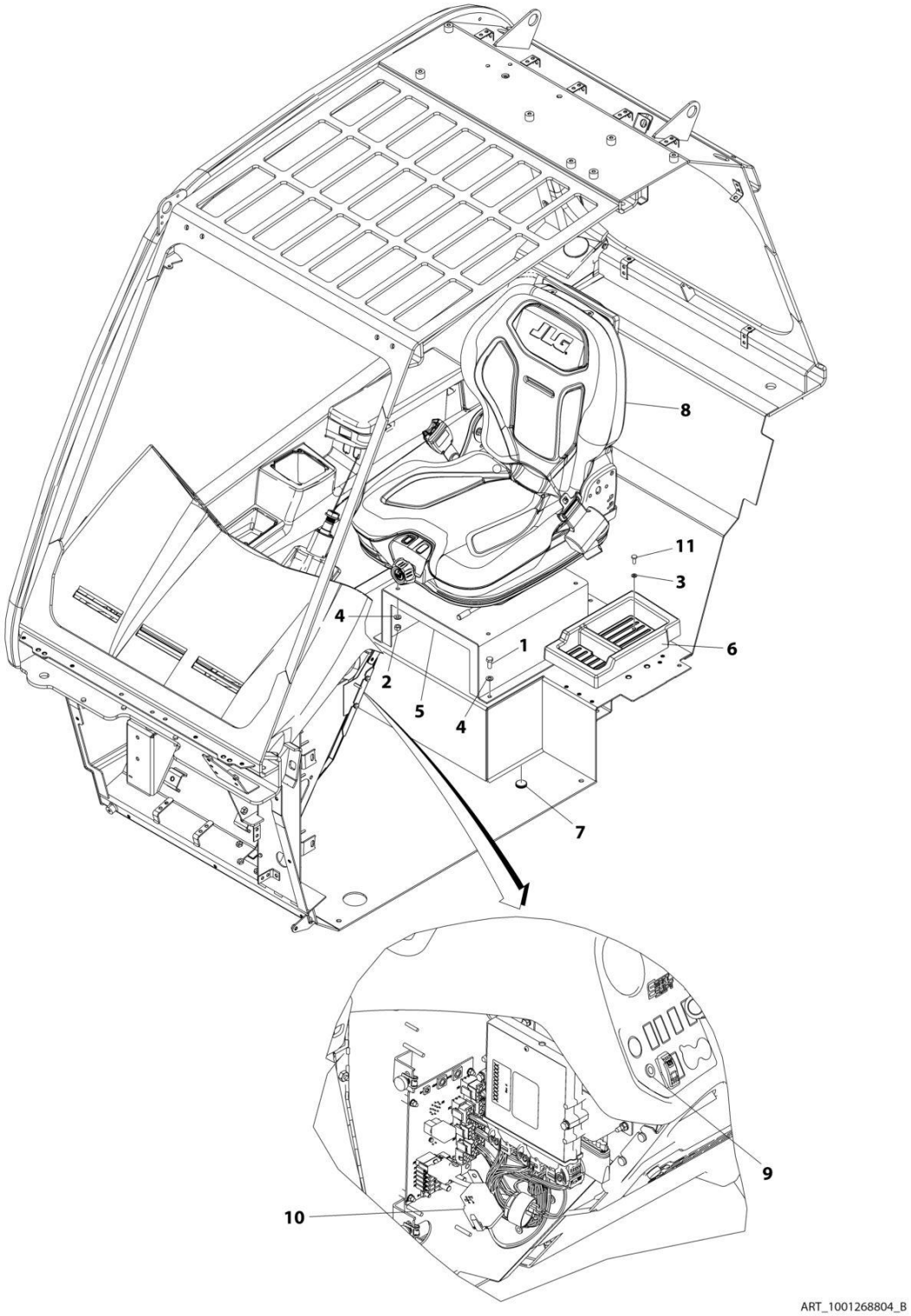


FIGURE 6-38. SEAT INSTALLATION - VINYL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001268804	Ref	SEAT INSTALLATION - VINYL	B
1	0760810	1	Bolt M8 x 20	
2	3311505	1	Nut 5/16	
3	4811700	1	Washer M6	
4	4811900	1	Washer M8	
5	1001164498	1	Plinth, Seat	
6	1001170515	1	Insert, Storage Tray	
7	1001196076	1	Plug	
8	1001275931	1	Seat Assembly (See Separate Breakdown in this Section)	
9	1001266488	1	Light, Indicator - Red	
10	1001268744	1	Harness, Seat Belt Alarm (See Separate Breakdown in ELECTRICAL Section)	
11	4010608002	1	Screw M6 x 16	

FIGURE 6-39. SEAT ASSEMBLY - CLOTH (ORANGE SEAT BELT)

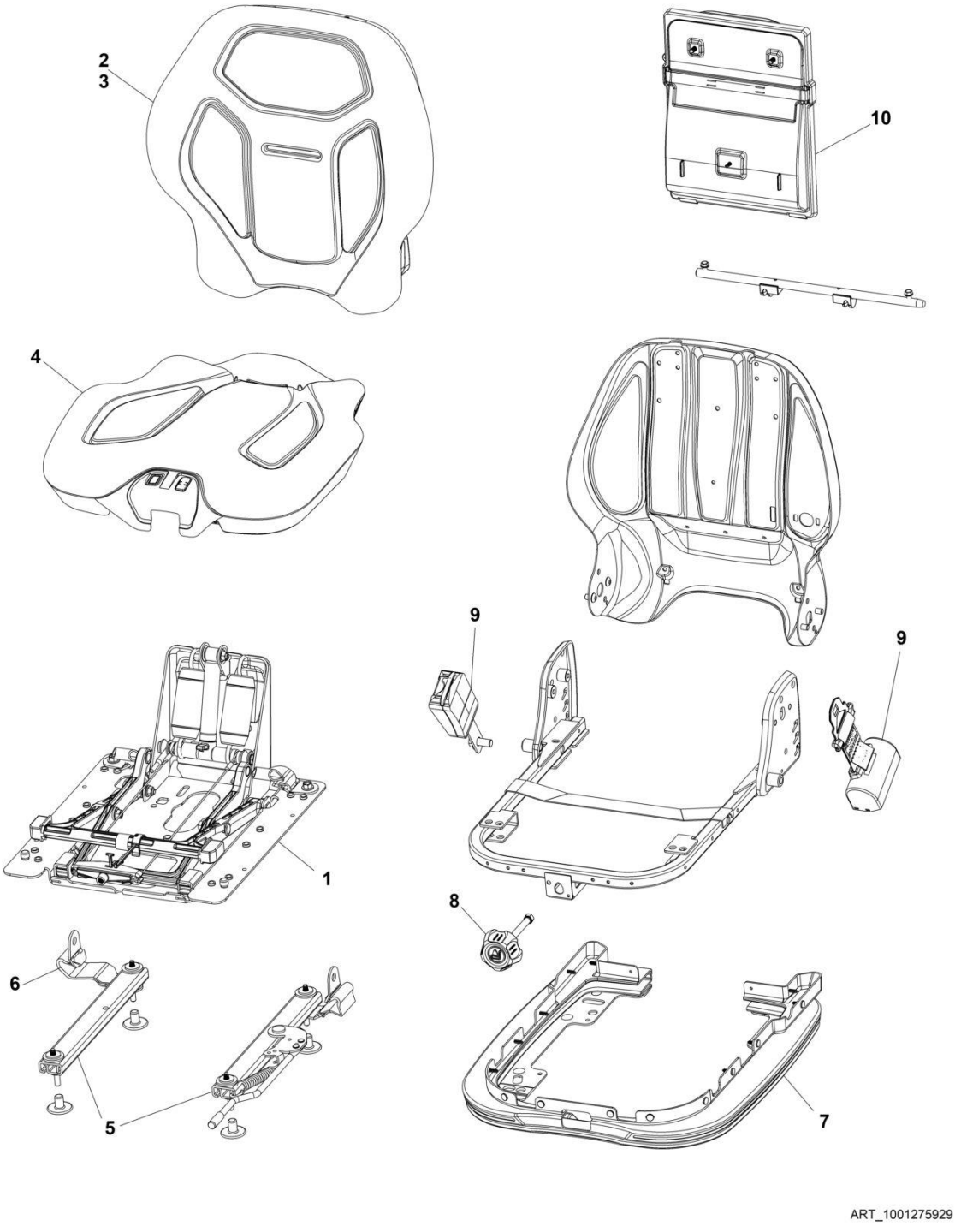


FIGURE 6-39. SEAT ASSEMBLY - CLOTH (ORANGE SEAT BELT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275929	Ref	Seat Assembly	A
1	70027024	1	Suspension Kit	
2	70027026	1	Back Cushion Kit (JLG)	
3	70027027	1	Back Cushion Kit (CAT)	
4	70027028	1	Seat Cushion Kit	
5	7026798	1	Adjuster Kit	
6	70027032	1	Tether strap	
7	70027030	1	Boot Kit	
8	70027033	1	Weight Adjust Knob Kit	
9	1001275933	1	Seat Belt	
10	70027035	1	Document box Kit	

FIGURE 6-40. SEAT ASSEMBLY - VINYL



FIGURE 6-40. SEAT ASSEMBLY - VINYL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275931	Ref	SEAT ASSEMBLY - VINYL	A
		Ref	Note: No Service Parts Available at Time of Printing	

FIGURE 6-41. SEAT BELT INSTALLATION (3 INCH)

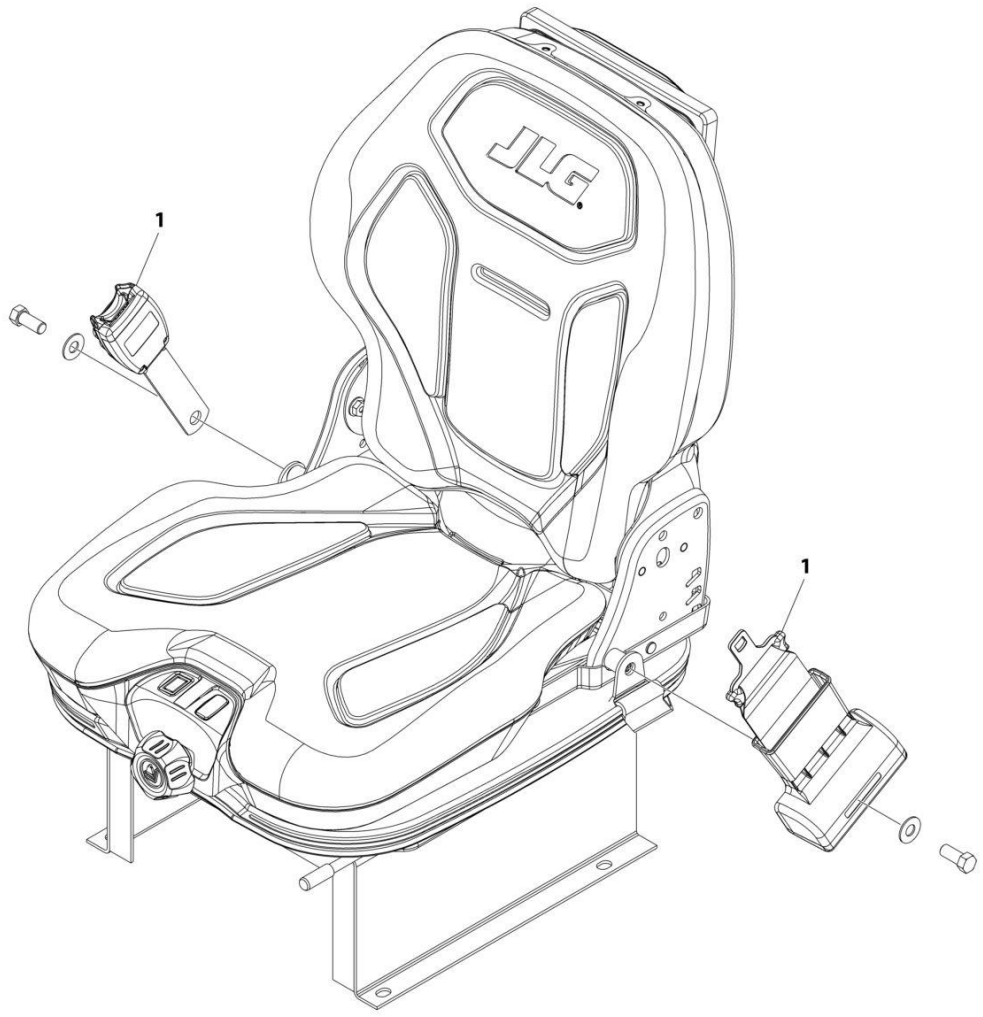


FIGURE 6-41. SEAT BELT INSTALLATION (3 INCH)

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 6-42. HEATER INSTALLATION

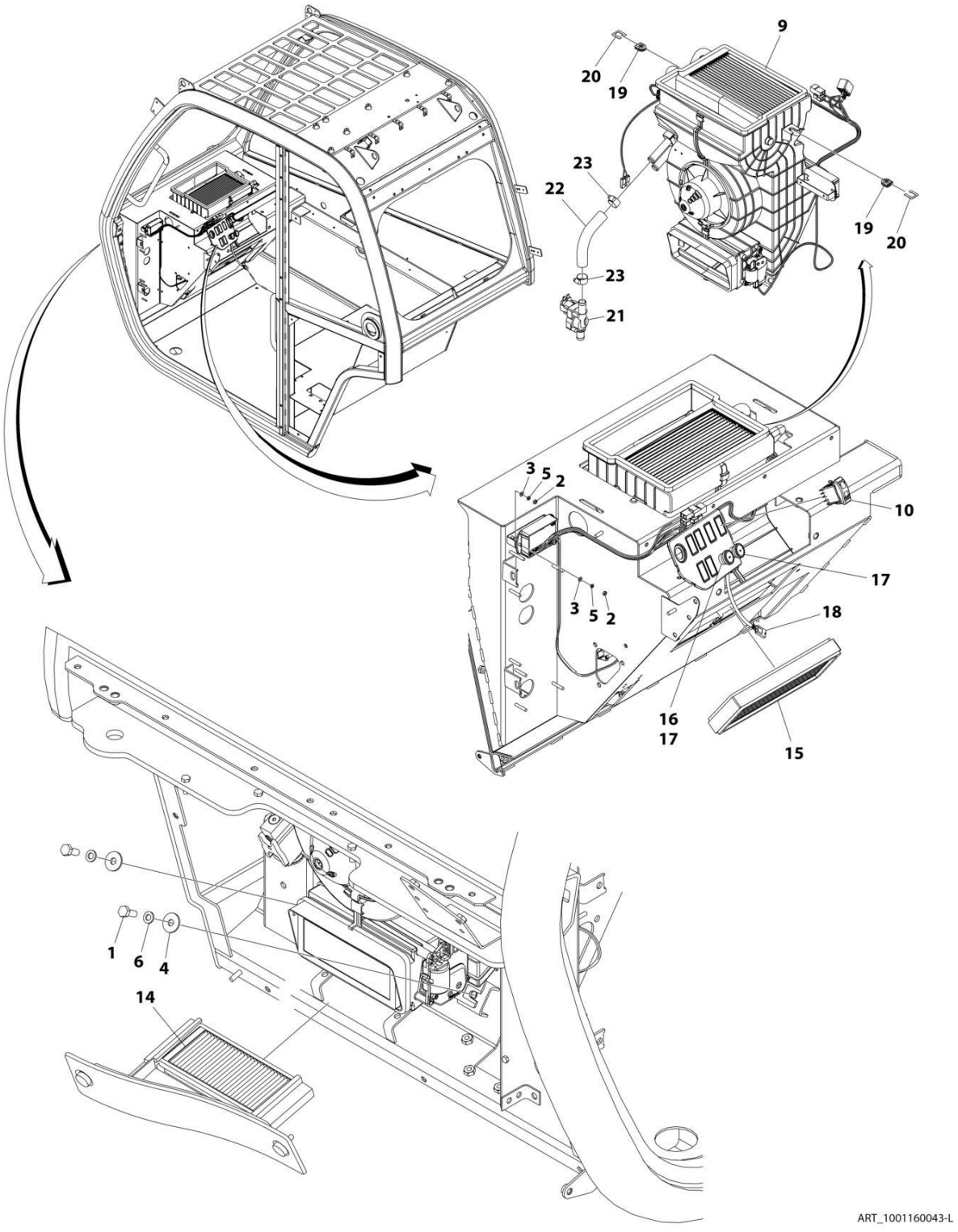
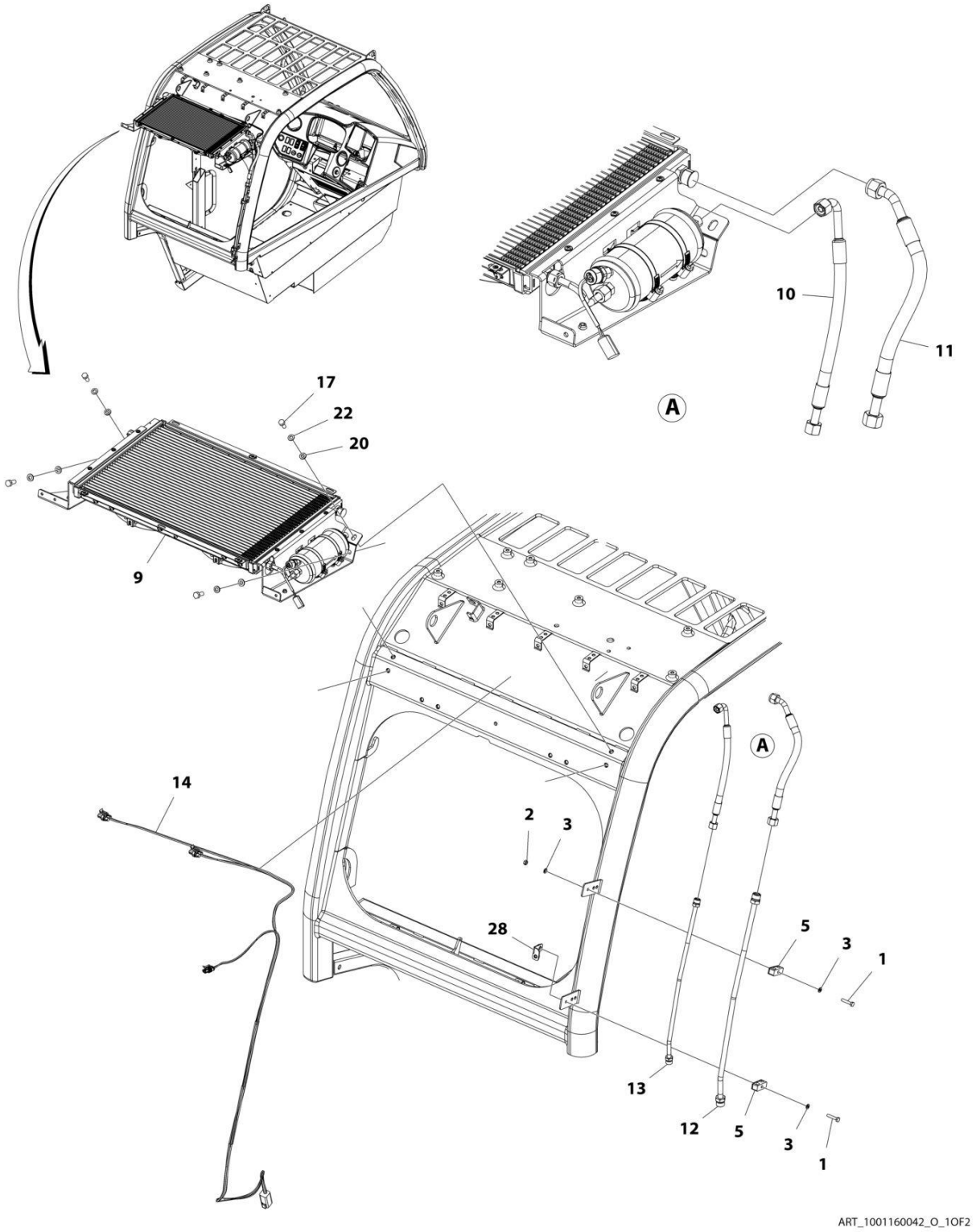


FIGURE 6-42. HEATER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160043	Ref	HEATER INSTALLATION	L
1	0760810	2	Bolt M8 x 20	
2	3290401	4	Nut M4	
3	4811400	4	Washer M4	
4	4811902	2	Washer M8	
5	4831400	4	Washer M4	
6	4831900	2	Washer M8	
9	1001268827	1	Assembly, Heater (See Separate Breakdown in this Section)	
10	1001159925	1	Switch, HVAC Recycle	
14	1001218996	1	Filter, HVAC Air	
15	1001172553	1	Filter, HVAC Recirculation Air	
16	1001172547	1	Switch, HVAC Rotary 3 Speed	
17	1001172550	2	Knob, HVAC Control	
18	1001270976	1	Cable, HVAC	
19	1001188590	2	Grommet	
20	1001218542	2	Shim	
21	1001221059	1	Valve, Water	
22	1001221295	1	House	
23	8410009	2	Clamp	

FIGURE 6-43. HEATER AND A/C INSTALLATION



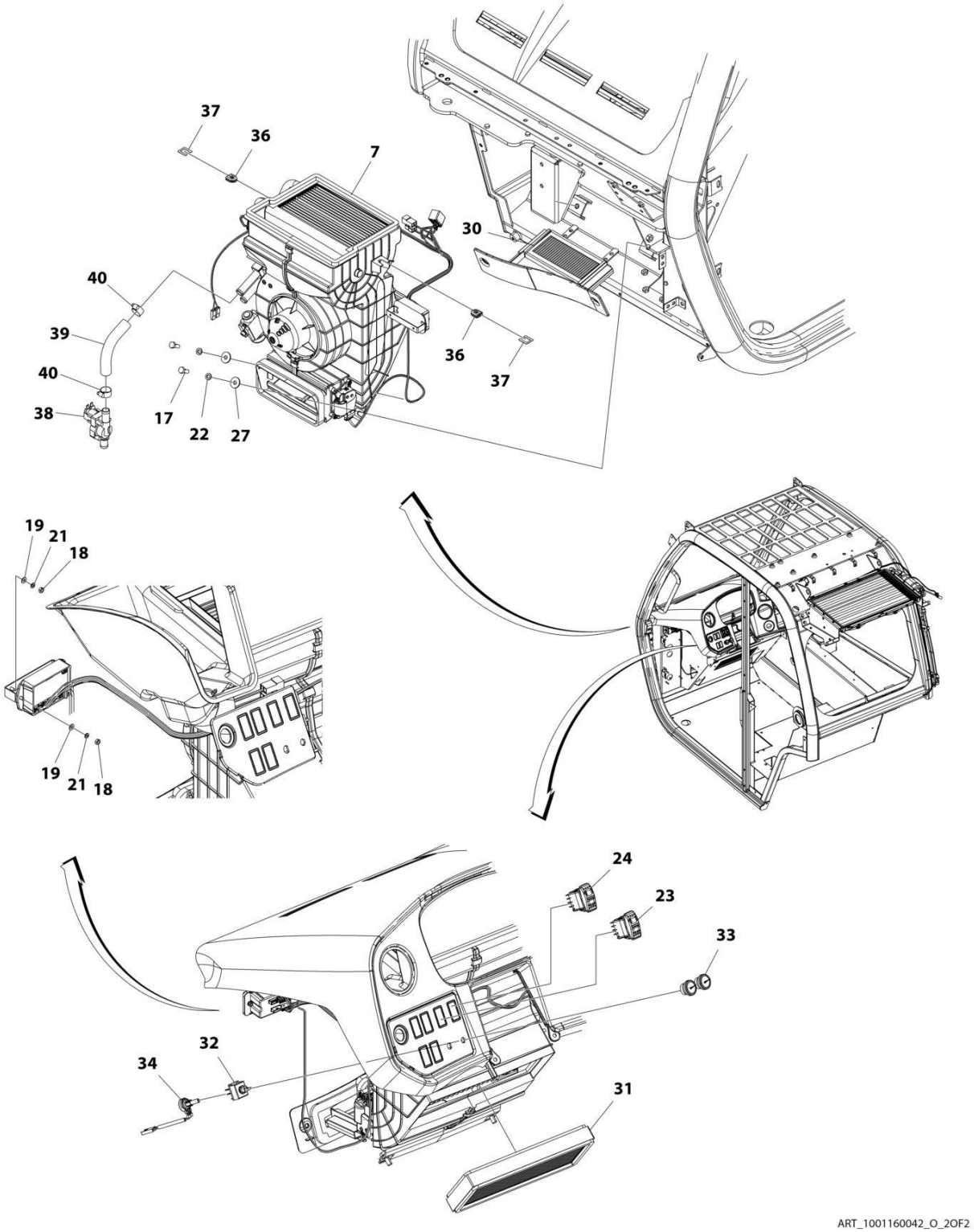

37
36
7
30
40
39
40
38
17
22
27
36
37
19
21
18
19
21
18
24
23
33
32
34
31
ART_1001160042_O_2OF2

FIGURE 6-43. HEATER AND A/C INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160042	Ref	HEATER AND A/C INSTALLATION (CAB PARTS)	O
1	0700614	2	Bolt M6 x 30	
2	3290601	1	Nut M6	
3	4811700	3	Washer M6	
5	1001145539	2	Support, Pipe	
7	1001268831	1	Assembly, Heater and A/C (See Separate Breakdown in this Section)	
9	1001162953	1	Assembly, Cab Condenser (See Separate Breakdown in this Section)	
10	1001168327	1	Hose	
11	1001168330	1	Hose	
12	1001168331	1	Tube	
13	1001168456	1	Tube	
14	1001169151	1	Harness, A/C Option (See Separate Breakdown in ELECTRICAL Section)	
17	0760810	6	Bolt M8 x 20 GR8.8	
18	3290401	4	Nut M4	
19	4811400	4	Washer M4	
20	4811900	4	Washer M8	
21	4831400	4	Washer M4	
22	4831900	6	Washer M8	
23	1001159925	1	Switch, HVAC Recycle	
24	1001160326	1	Switch, HVAC On/Off	
27	4811902	2	Washer M8	
28	1001178170	1	Bracket	
30	1001218996	1	Filter, HVAC Fresh Air	
31	1001172553	1	Filter, HVAC Air Recirculation	
32	1001172547	1	Switch, HVAC Rotary 3 Speed	
33	1001172550	2	Knob, HVAC Control	
34	1001270976	1	Cable, HVAC	
35	1320022	1	Clamp	
36	1001188590	2	Grommet	
37	1001218542	2	Shim	
38	1001221059	1	Valve, Water	
39	1001221295	1	Hose	
40	8410009	2	Clamp	

FIGURE 6-44. HEATER ASSEMBLY

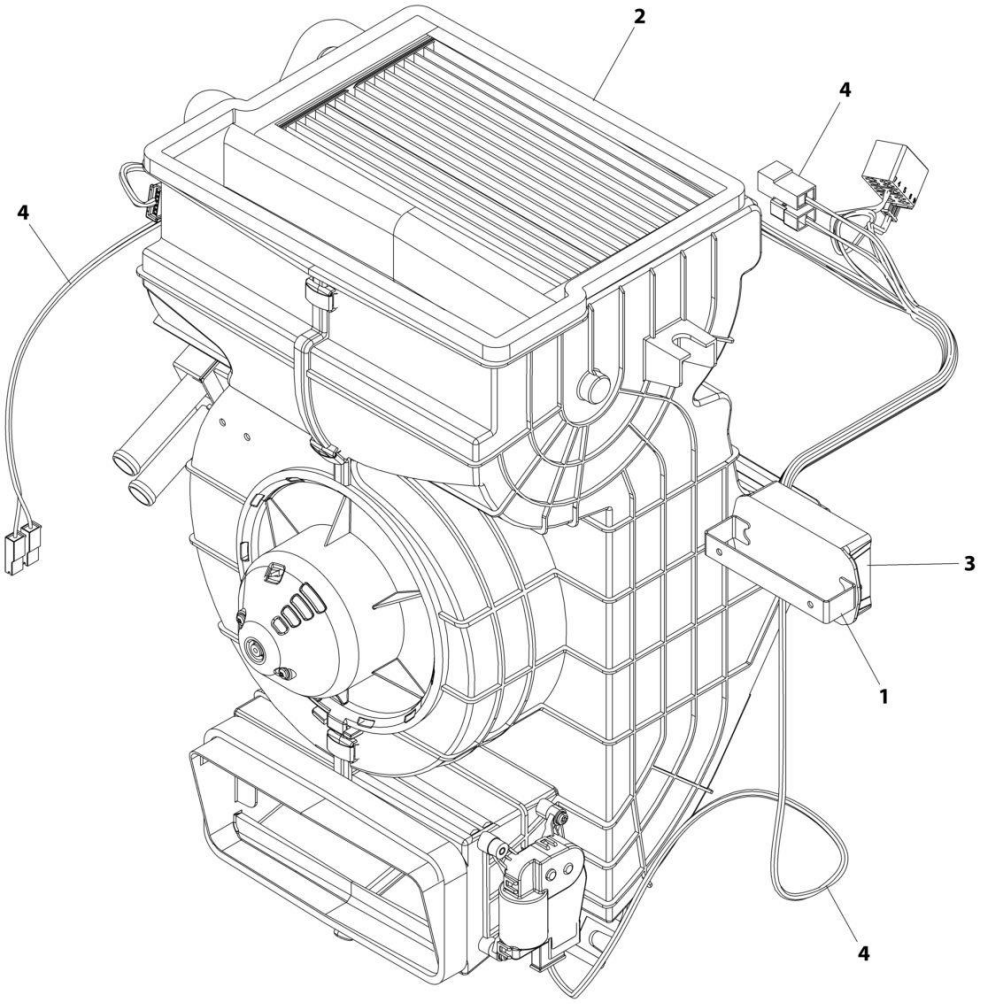


FIGURE 6-44. HEATER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001268827	Ref	HEATER ASSEMBLY	B
1	1001264976	1	Bracket	
2	1001268828	1	Heater, Cab (See Separate Breakdown in this Section)	
3	1001268829	1	Actuator, HVAC Cab	
4	1001268830	1	Harness, HVAC Actuator (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 6-45. HEATER

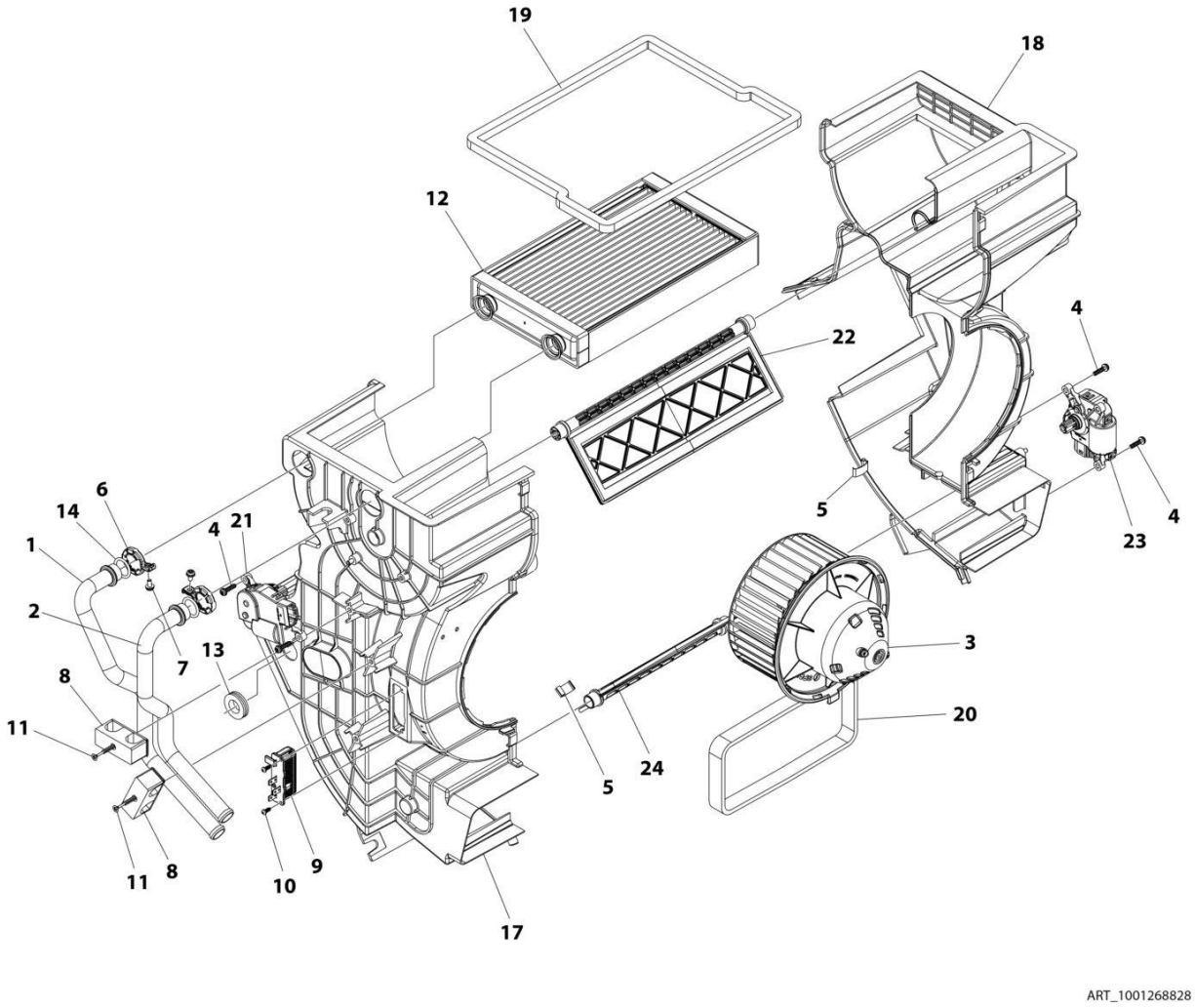


FIGURE 6-45. HEATER

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 6-46. HEATER AND A/C ASSEMBLY

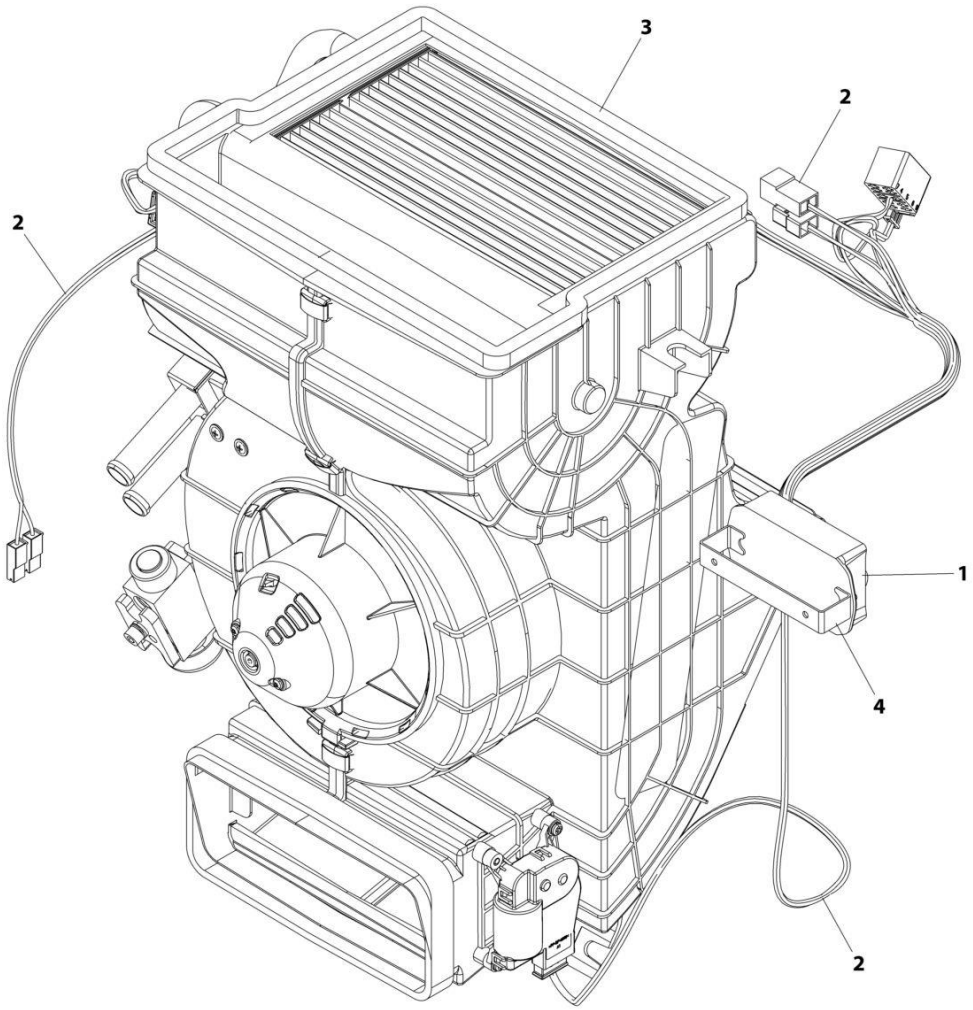


FIGURE 6-46. HEATER AND A/C ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001268831	Ref	HEATER AND A/C ASSEMBLY	B
1	1001268829	1	Actuator, HVAC Cab	
2	1001268830	1	Harness, HVAC Actuator (See Separate Breakdown in this Section)	
3	1001268832	1	Heater and A/C (See Separate Breakdown in this Section)	
4	1001264976	1	Bracket	

FIGURE 6-47. HEATER AND A/C

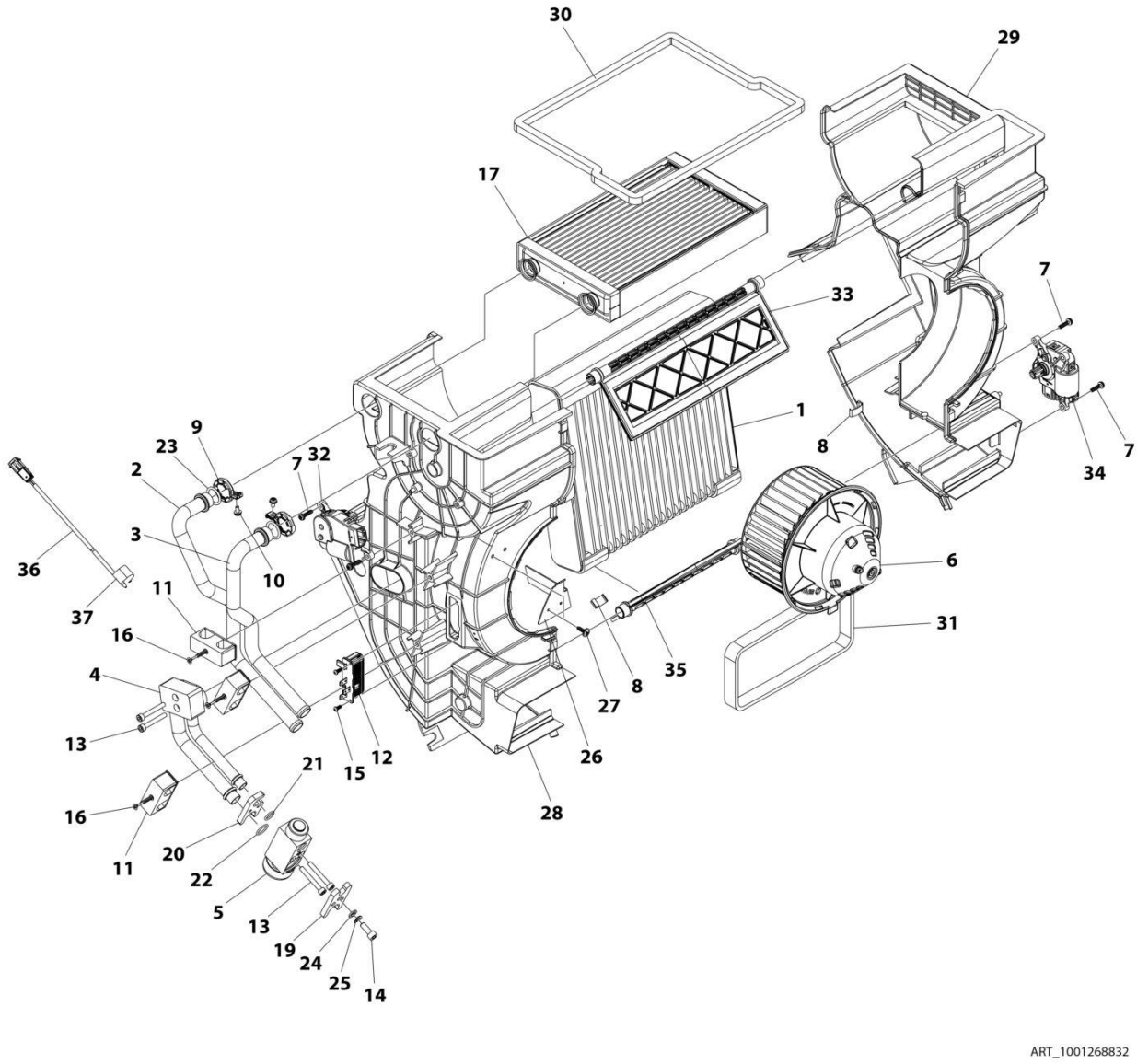


FIGURE 6-47. HEATER AND A/C

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 6-48. CAB CONDENSER ASSEMBLY

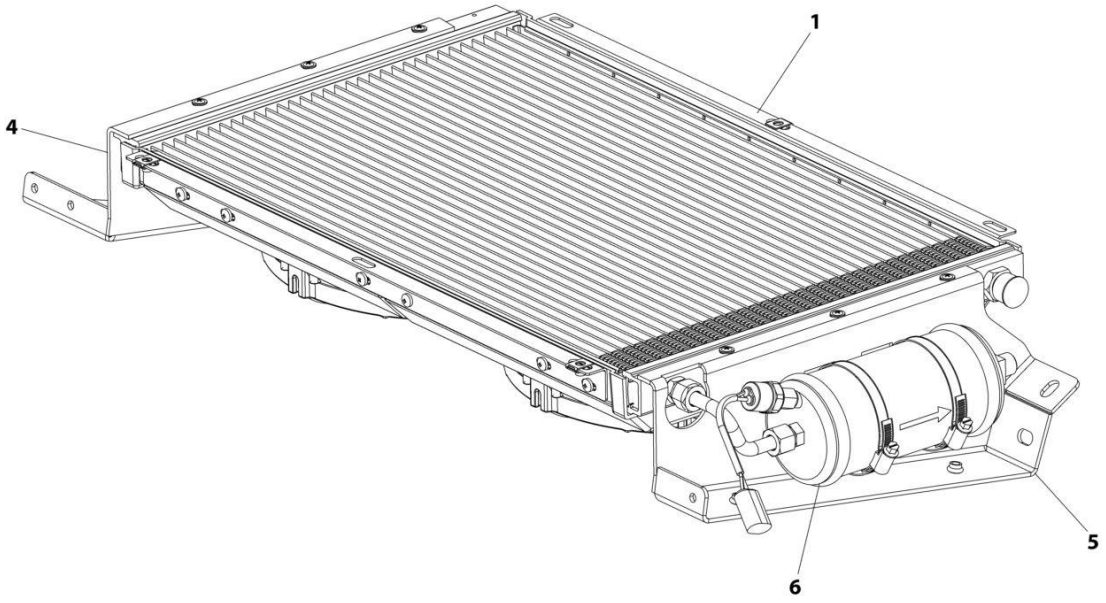


FIGURE 6-48. CAB CONDENSER ASSEMBLY

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 6-49. A/C RECEIVER DRIER

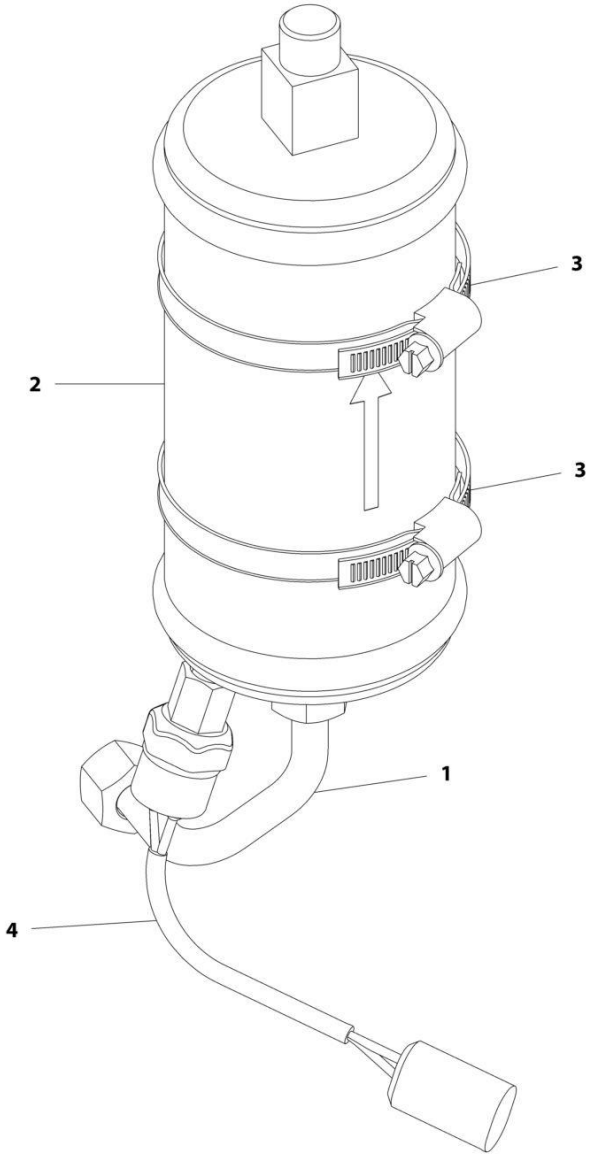


FIGURE 6-49. A/C RECEIVER DRIER

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 6-50. CONDENSER

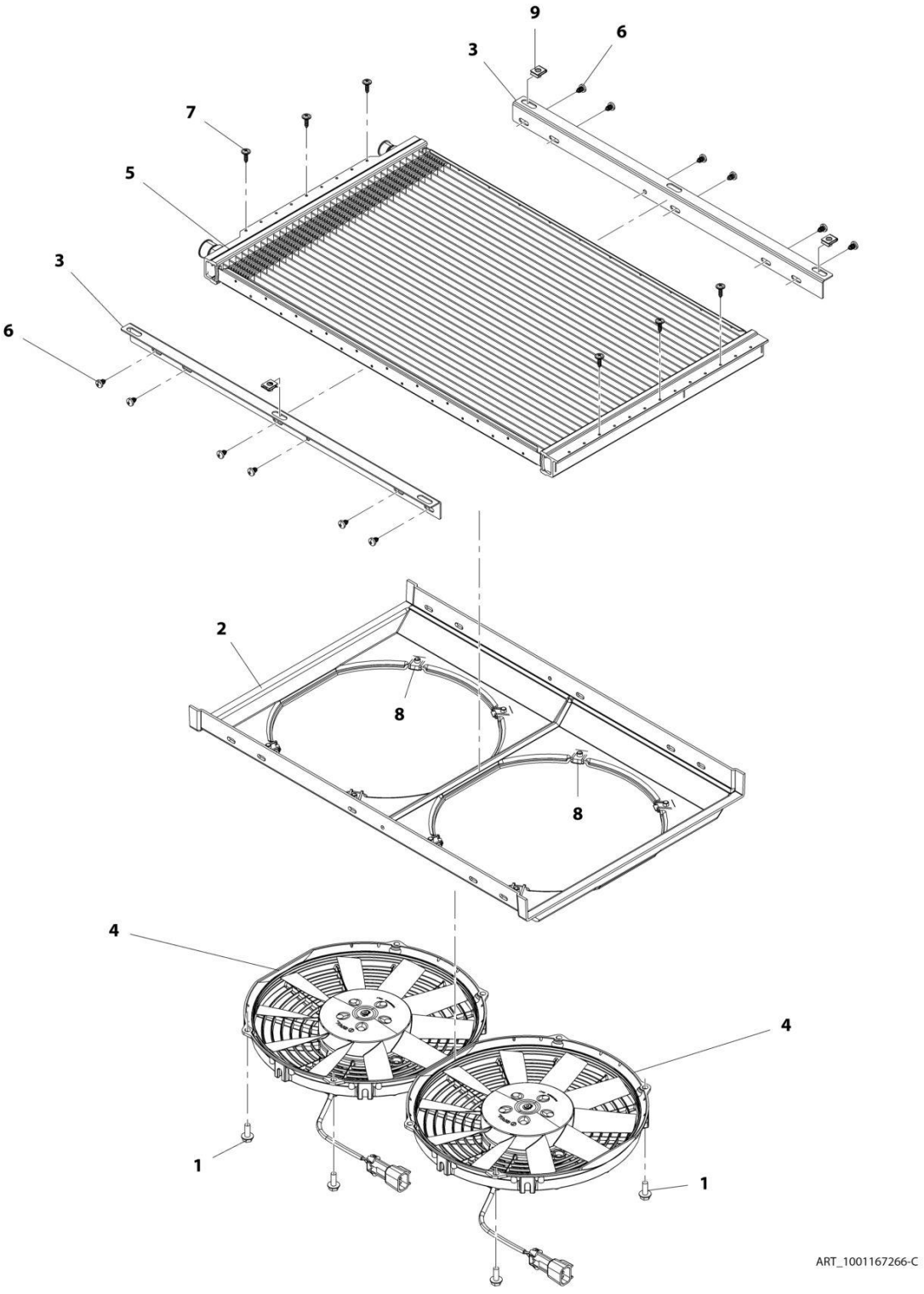


FIGURE 6-50. CONDENSER

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 6-51. FRONT WIPER INSTALLATION

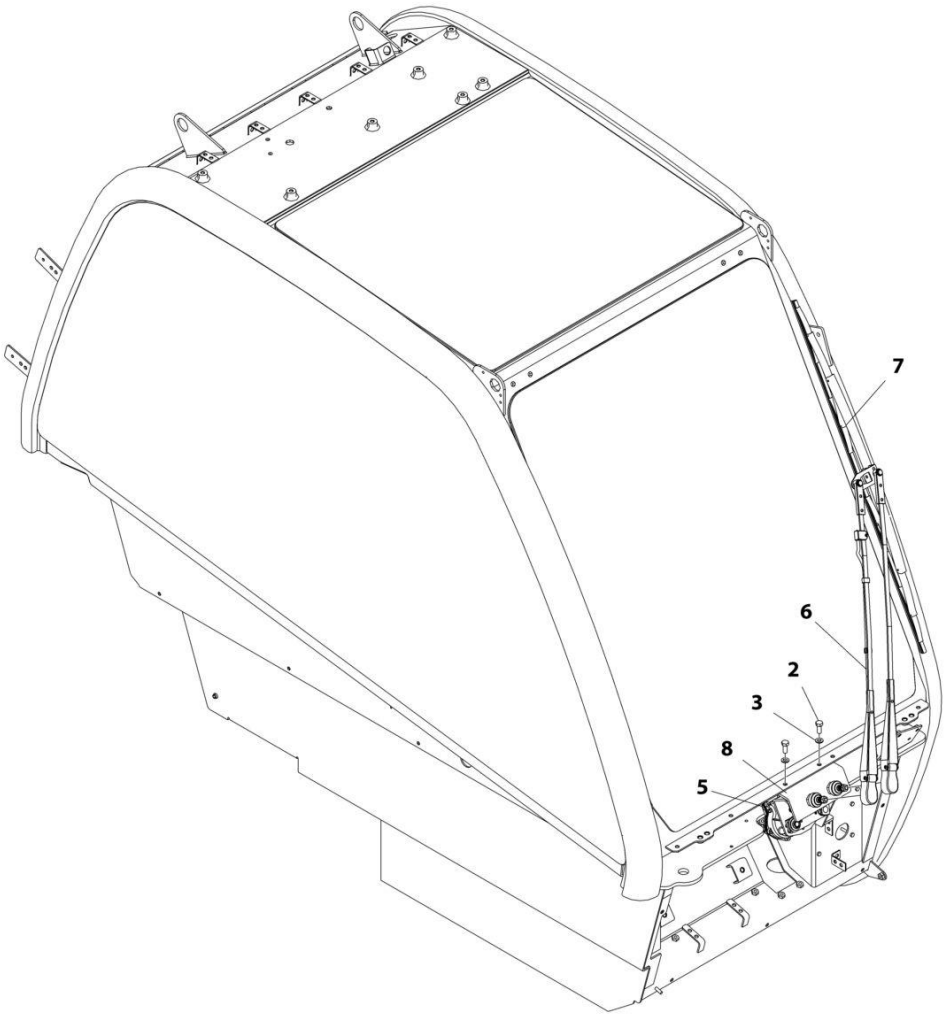


FIGURE 6-51. FRONT WIPER INSTALLATION

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 6-52. REAR WIPER INSTALLATION

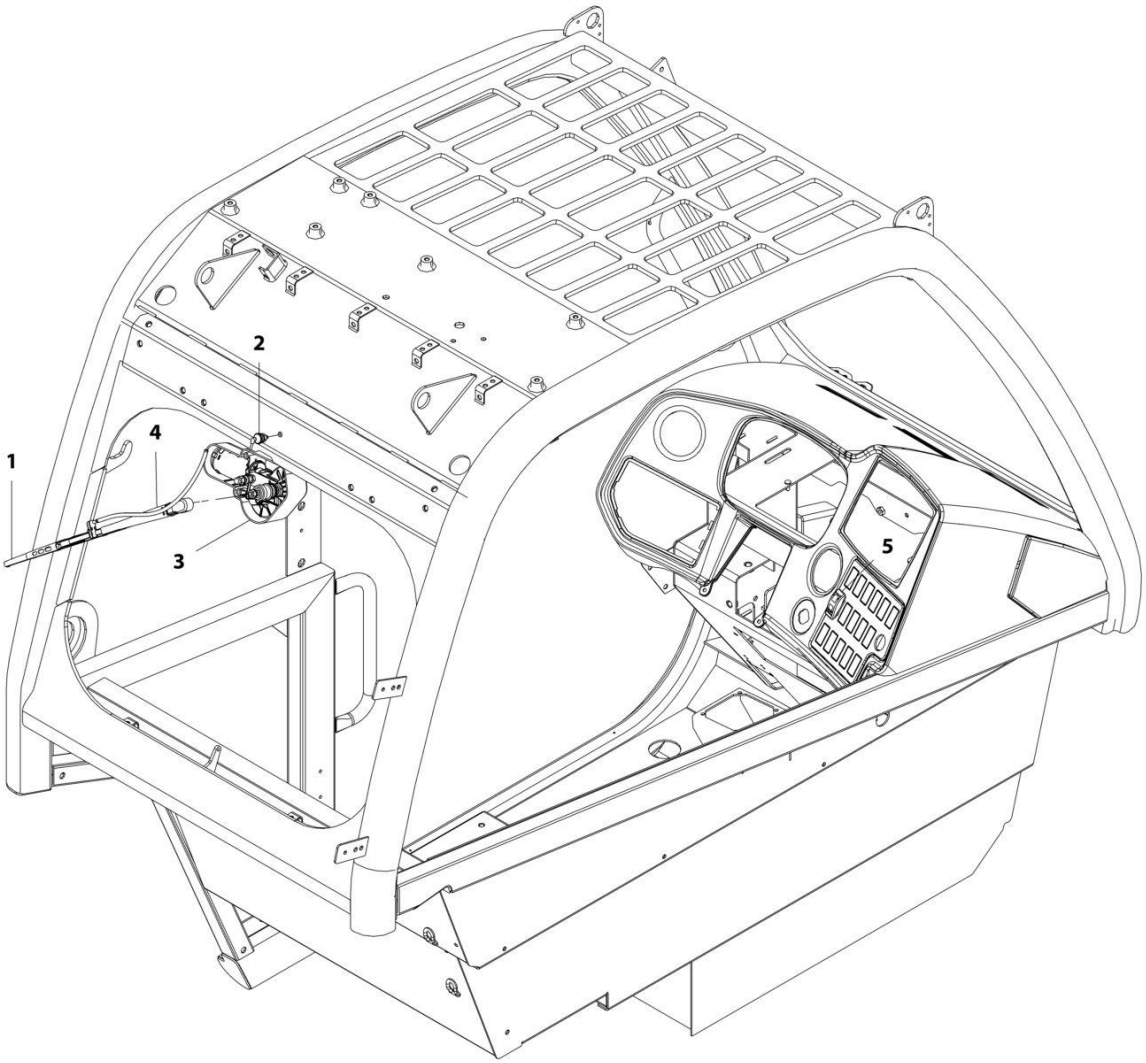


FIGURE 6-52. REAR WIPER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176164	Ref	Rear Wiper Installation	C
1	4807718	1	Blade, Wiper	
3	1001139552	1	Motor, Rear Wiper Window	
4	1001141312	1	Arm, Rear Window Wiper Blade	
5	1001159735	1	Switch, Rear Wiper	

FIGURE 6-53. ROOF WIPER INSTALLATION

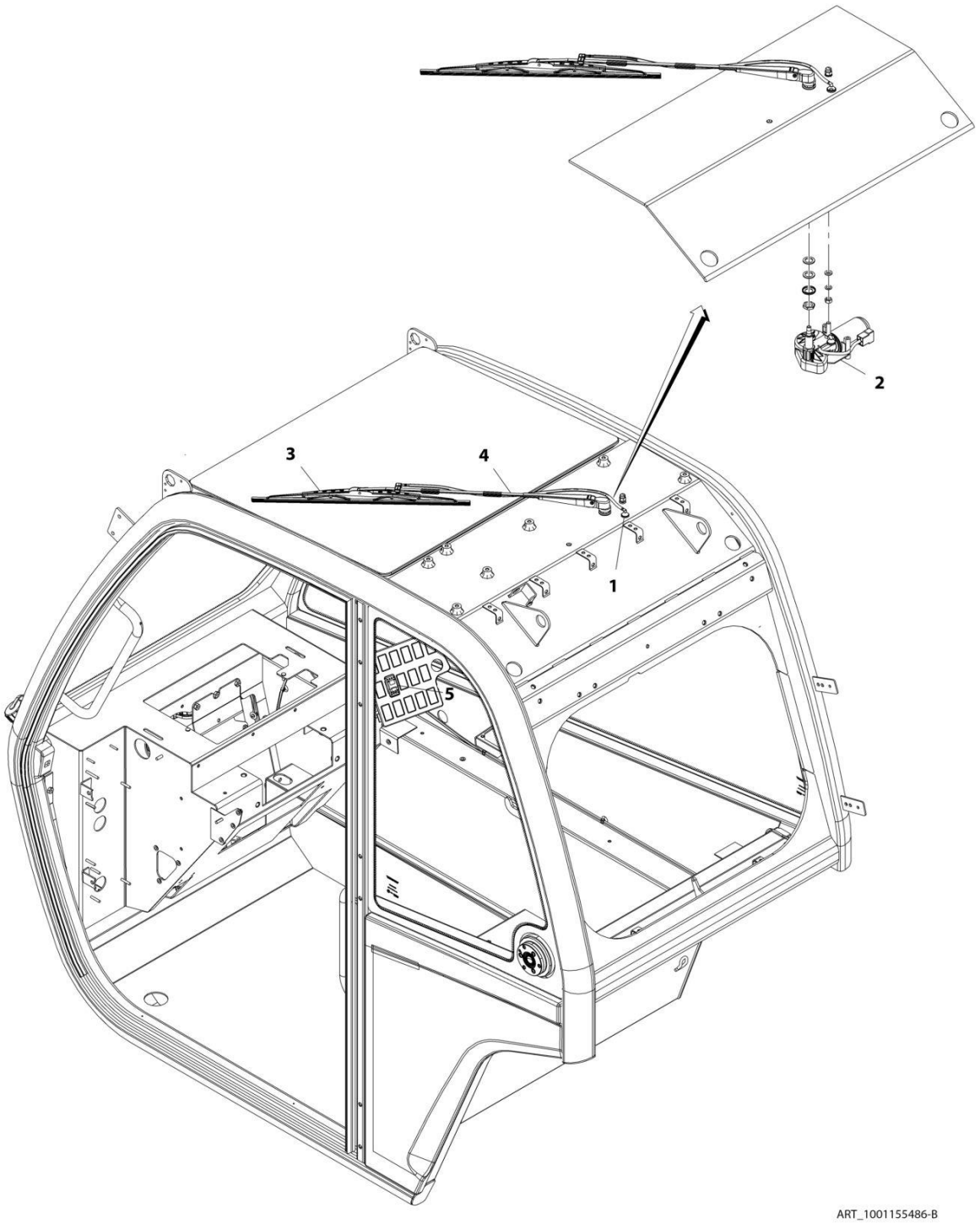


FIGURE 6-53. ROOF WIPER INSTALLATION

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 6-54. HEADLINER INSTALLATION

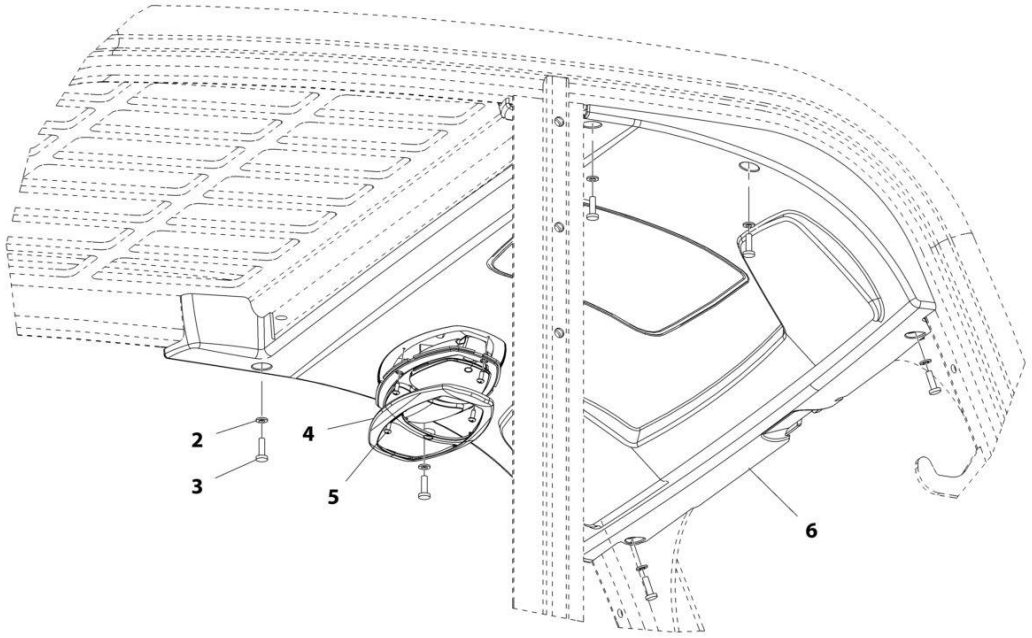
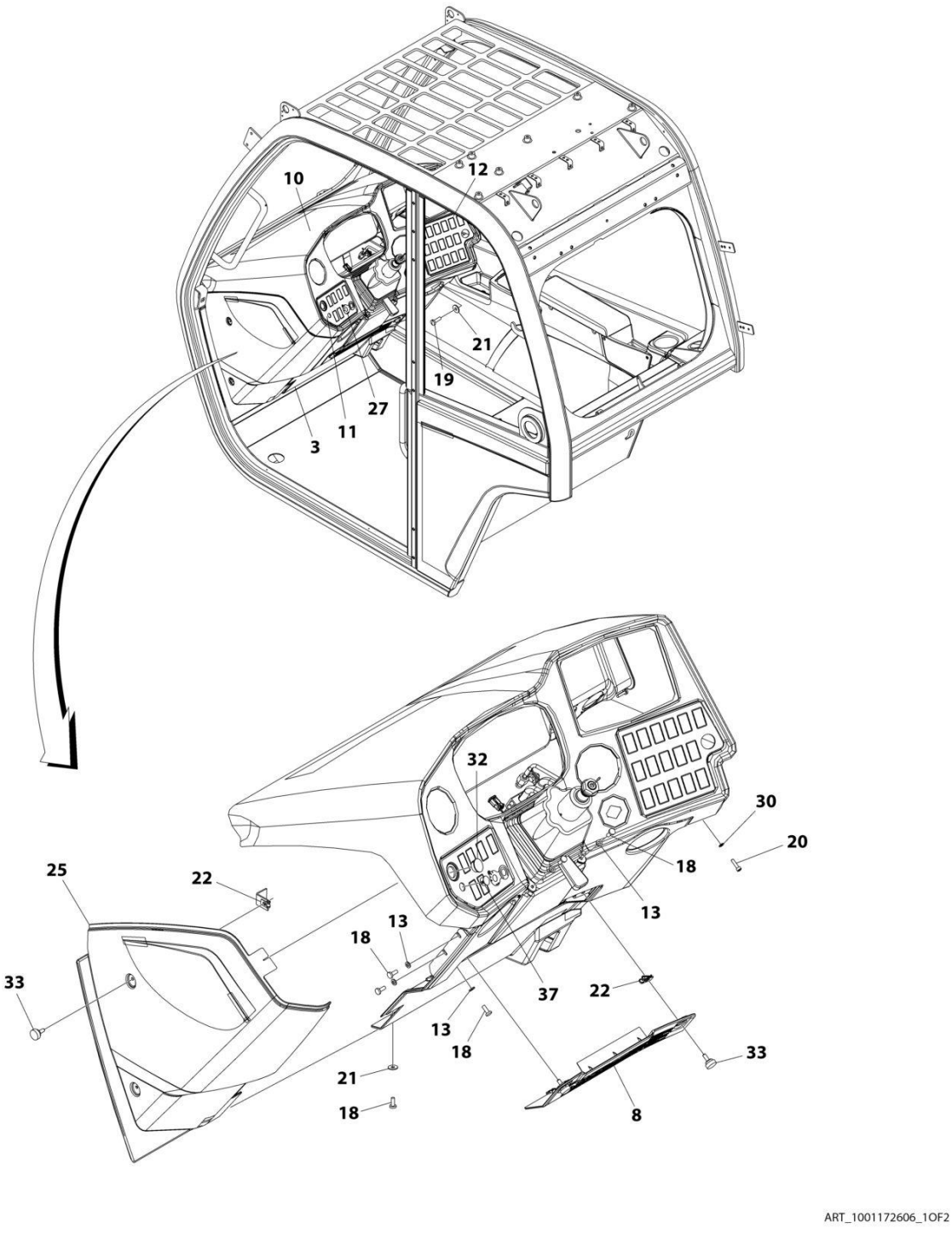


FIGURE 6-54. HEADLINER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170717	Ref	Headliner Installation	E
2	4811700	6	Washer, M6	
3	4031708001	6	Screw, M6X20	
4	1001167015	1	Lamp	
5	7029486	4	Screw	
6	1001161069	1	Panel, Headliner	

FIGURE 6-55. TRIM INSTALLATION - OPEN CAB



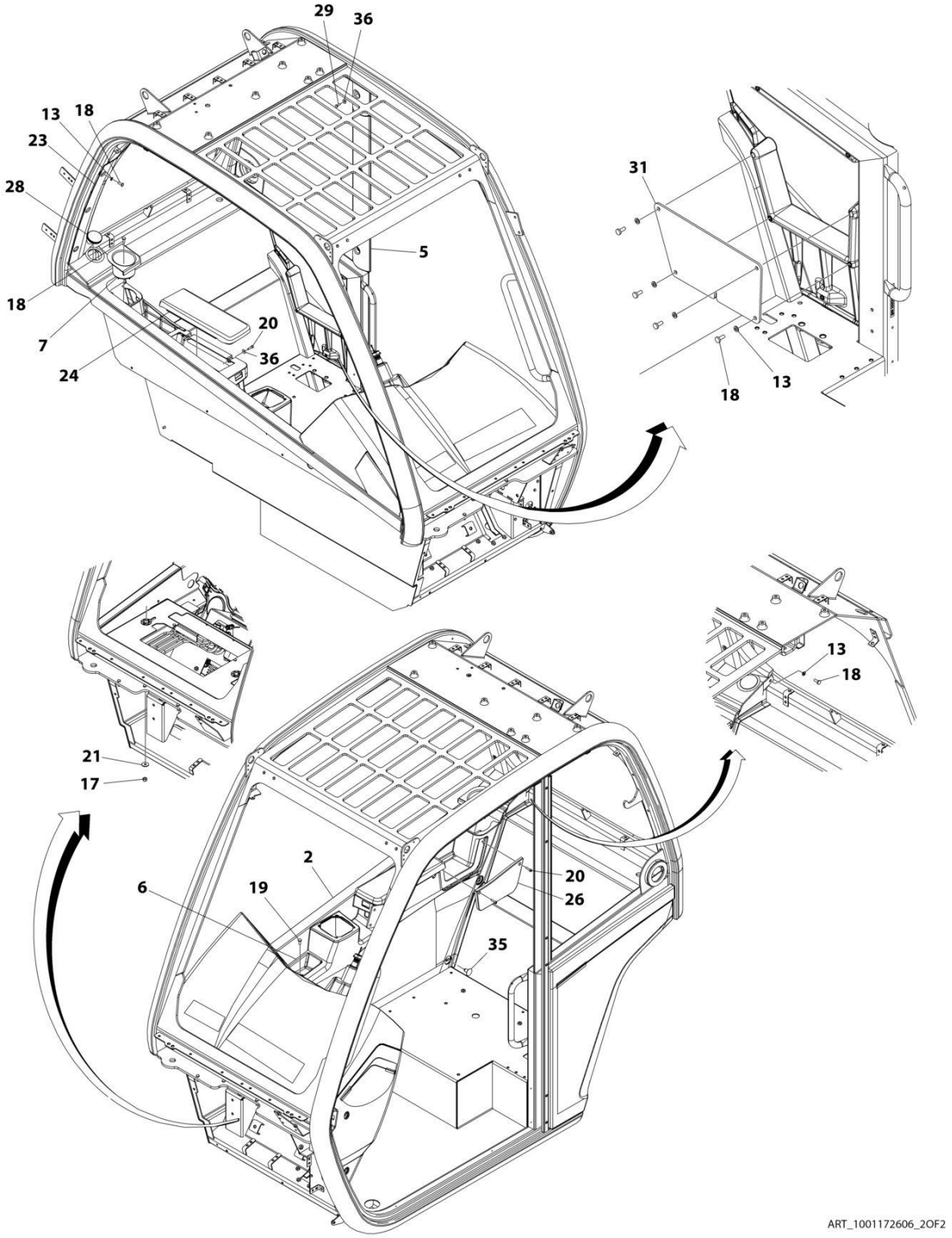
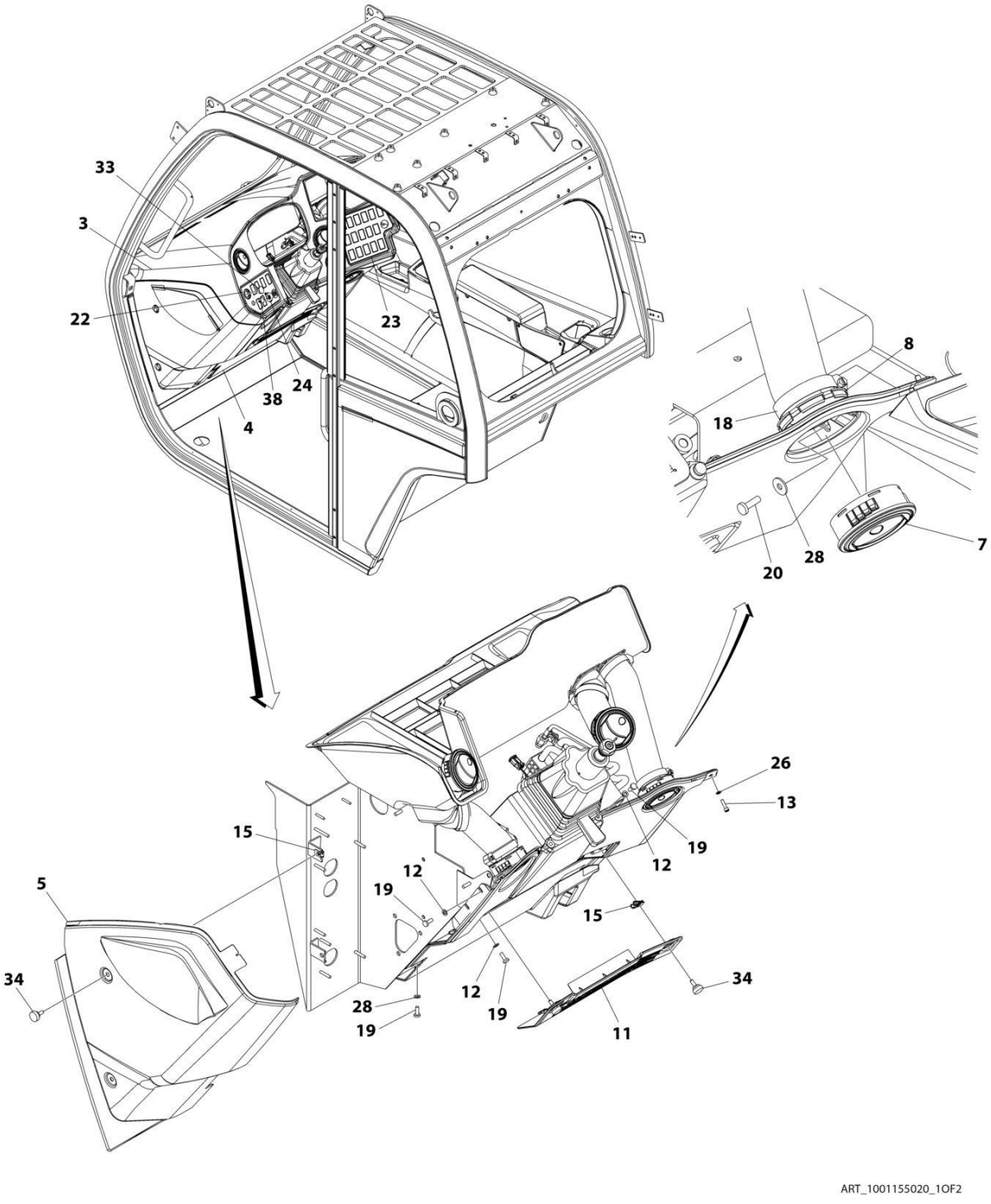

29
36
13
18
23
28
18
7
24
20
36
5
31
18
13
21
17
13
18
2
6
19
20
26
35
ART_1001172606_2OF2

FIGURE 6-55. TRIM INSTALLATION - OPEN CAB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172606	Ref	Open Cab Trim Installation	K
2	1001169605	1	Cover, Side	
3	1001175904	1	Panel, Lower Dash	
5	1001219076	1	Panel, Cover	
6	1001169603	1	Panel, Trinket Tray	
7	1001170518	1	Holder, Cup	
8	1001170504	1	Panel, Recirculation Grille Cover	
10	1001172608	1	Panel, Dash	
11	1001268846	1	Plate, LH Switch	
12	1001219865	1	Plate, RH Switch	
13	4811700001	14	Washer, M6	
17	3290605	2	Nut, Lock M6X1 Grade 8	
18	4010608002	18	Screw, Posi-Drive M6X16 GR4.8	
19	4010610002	2	Screw, Posi-Drive M6X20 GR4.8	
20	4031608001	5	Screw, M5X20	
21	4811702001	6	Washer, M6	
22	8305919	4	Nut, M6	
23	1001191617	1	Panel, Cover	
24	1001161854	1	Armrest (See Separate Breakdown in this Section)	
25	1001161855	1	Panel, LH Dash	
26	1001173965	1	Bezel, RH	
27	1001190347	1	Decal, No HVAC	
28	1001223265	1	Plug	
29	4010508002	3	Screw, Posi-Drive M5X16	
30	4811600	1	Washer, M5	
31	1001185179	1	Cover, LH Rear Panel	
32	1001190589	1	Blanking Plug	
33	1001208308	4	Screw, M6X15	
35	1001211907	1	Screw	
36	4811602001	5	Washer, M5	
37	1001207963	1	PLUG,5/8 PUSH IN	

FIGURE 6-56. TRIM INSTALLATION - ENCLOSED CAB



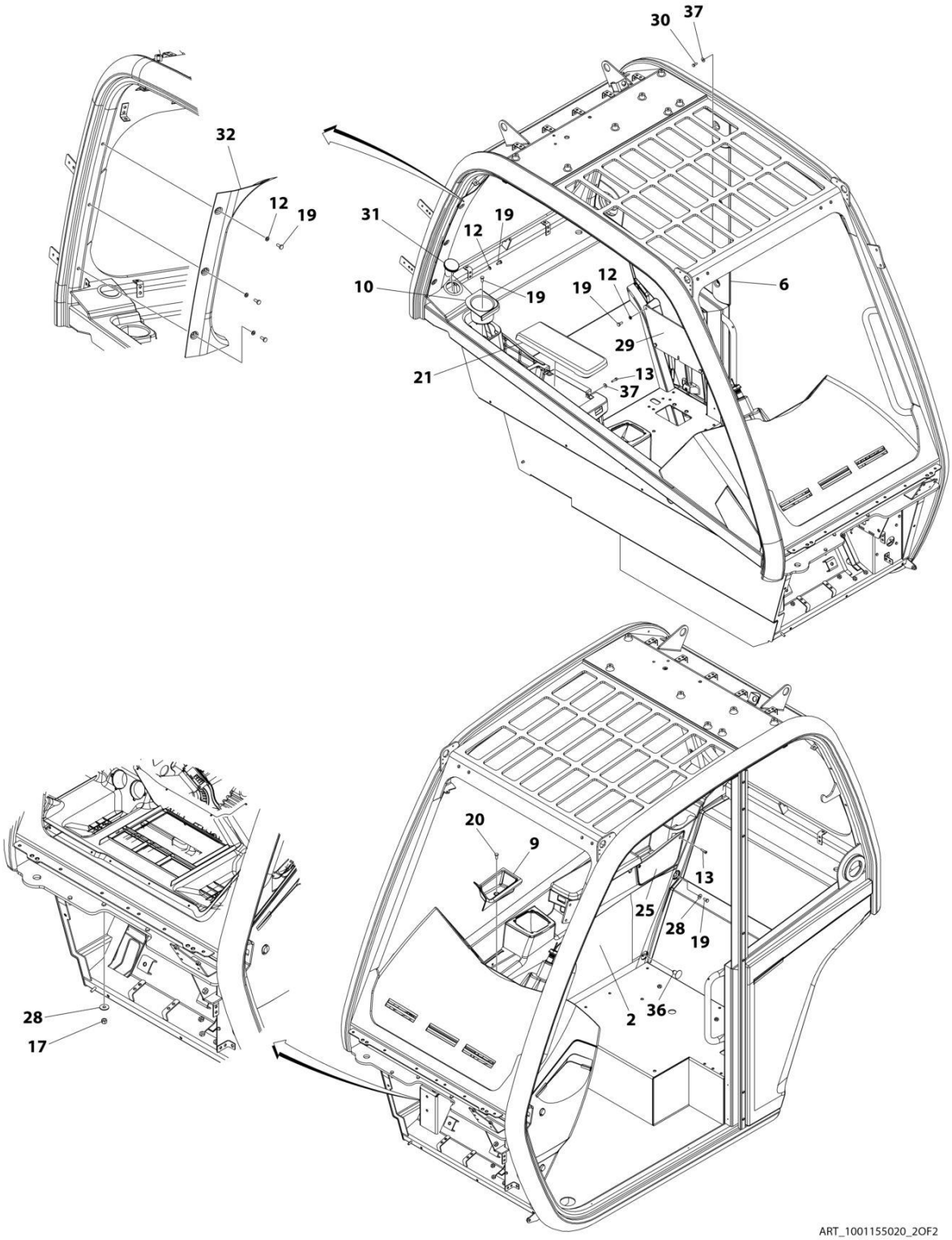

30
37
32
12
19
31
12
19
10
19
19
12
6
29
21
13
37
20
9
13
25
28
19
2
36
28
17
ART_1001155020_2OF2

FIGURE 6-56. TRIM INSTALLATION - ENCLOSED CAB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155020	Ref	Enclosed Cab Trim Installation	N
2	1001169605	1	Cover, Side	
3	1001169604	1	Cover, Dash	
4	1001175903	1	Panel, Lower Dash	
5	1001161855	1	Panel, Cover	
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	4811700001	14	Washer, M6	
13	4031608001	5	Bolt, M5X20	
15	8305919	4	Nut, M6	
17	3290605	2	Nut, Lock M6X1 Grade 8	
18	8405201	2	Clamp, Gear	
19	4010608002	18	Screw, Posi-Drive, M6X16	
20	4010610002	1	Screw, M6X20	
21	1001161854	1	Armrest (See Separate Breakdown in this Section)	
22	1001268846	1	Plate, LH Switch	
23	1001219865	1	Plate, RH Switch	
24	1001184975	1	Decal, HVAC	
25	1001173965	1	Bezel, RH	
26	4811600	1	Washer, M5	
28	4811702001	6	Washer, M6	
29	1001185179	1	Panel, LH Rear Cover	
30	4010508002	3	Screw, Posi-Drive M5X16	
31	1001223265	1	Plug	
32	1001191617	1	Panel, RH C Post	
33	1001190589	1	Blanking Plug	
34	1001208308	4	Thumb Screw, M6X15	
36	1001211907	1	Screw	
37	4811602001	5	Washer, Flat	
38	1001207963	1	Plug	

FIGURE 6-57. ARMREST

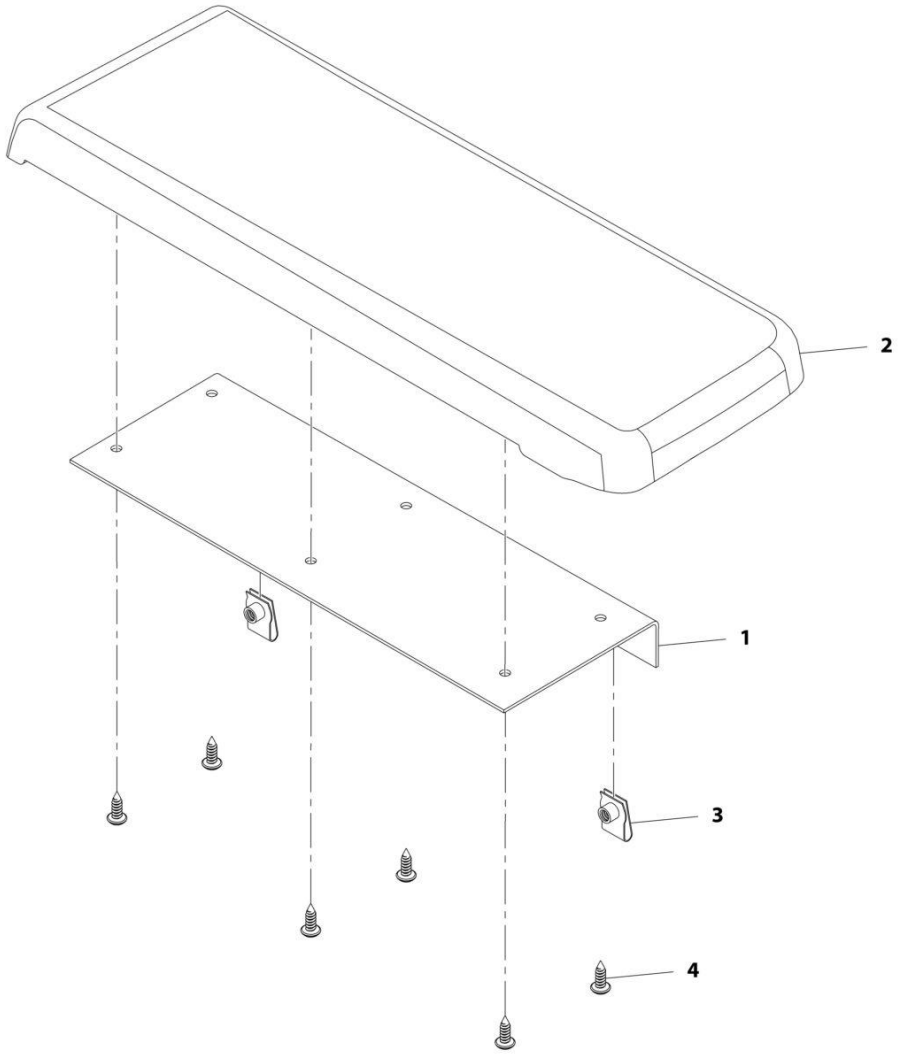


FIGURE 6-57. ARMREST

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161854	Ref	Armrest Assembly	E
1	1001174581	1	Bracket	
2	1001179484	1	Arm Rest	
3	1001183550	2	Nut, Cage M5	
4	1001192240	6	Screw	

FIGURE 6-58. OPEN CAB FRONT COVER

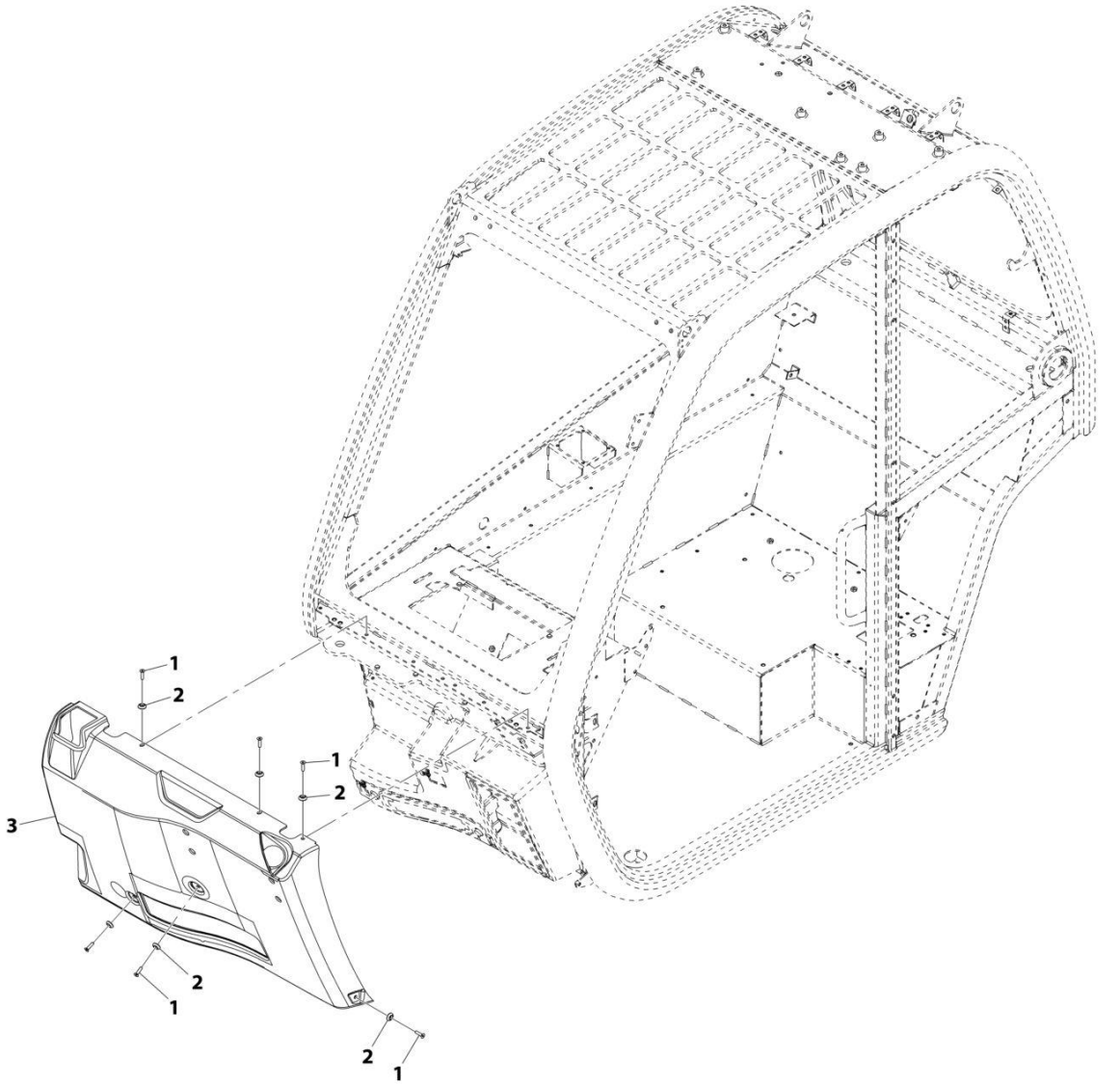


FIGURE 6-58. OPEN CAB FRONT COVER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229550	Ref	Open Cab Front Cover Installation	A
1	3900379	6	Screw, Socket HD M6-1X25	
2	1001097540	6	Washer, M6	
3	1001229540	1	Cover, Front	

FIGURE 6-59. ENCLOSED CAB FRONT COVER

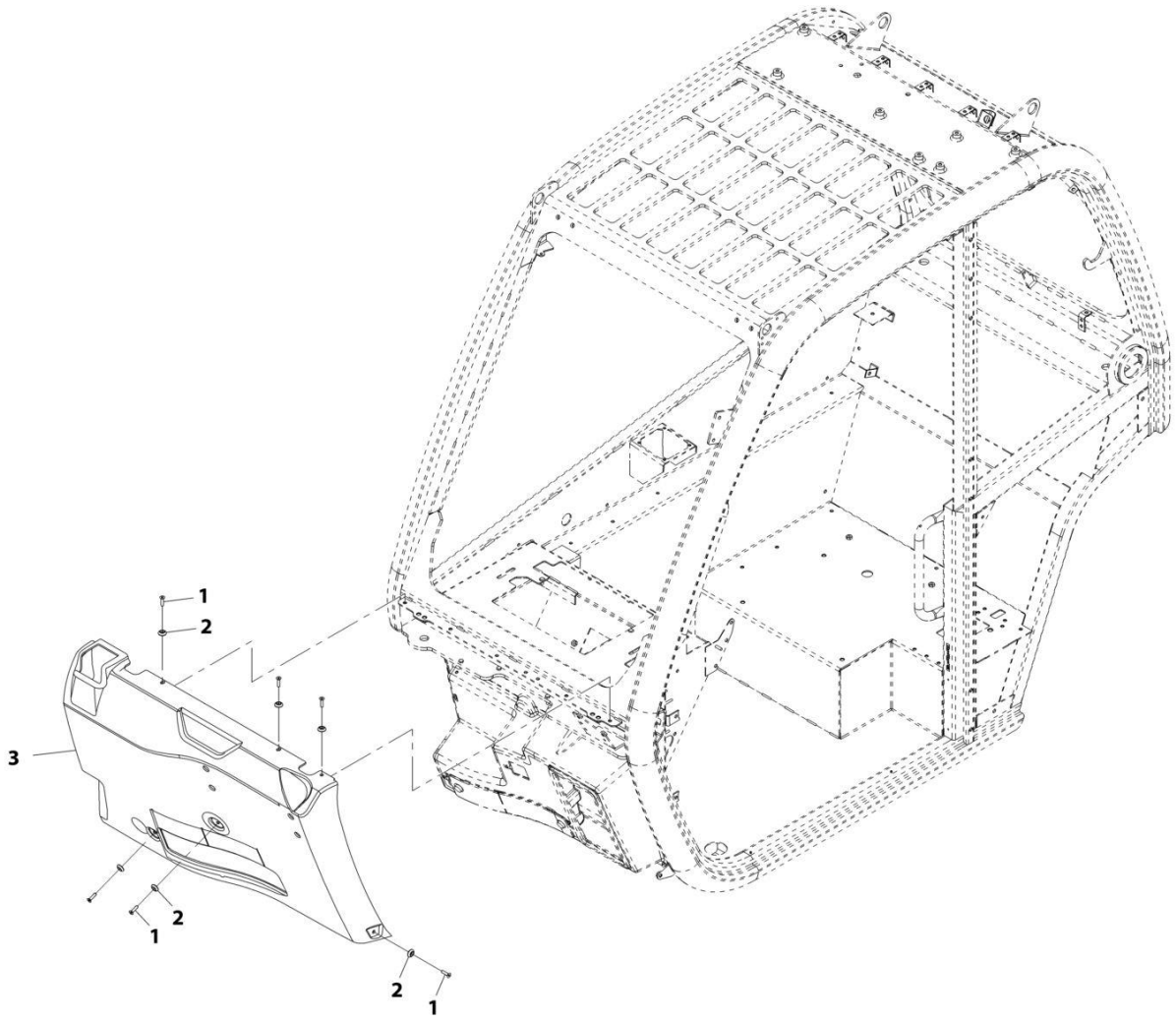


FIGURE 6-59. ENCLOSED CAB FRONT COVER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229551	Ref	Enclosed Cab Front Cover Installation	A
1	3900379	6	Screw, Socket Hd M6-1x100	
2	1001097540	6	Washer, M6	
3	1001229541	1	Cover, Front Cab	

FIGURE 6-60. ROOF CAP INSTALLATION (A/C)

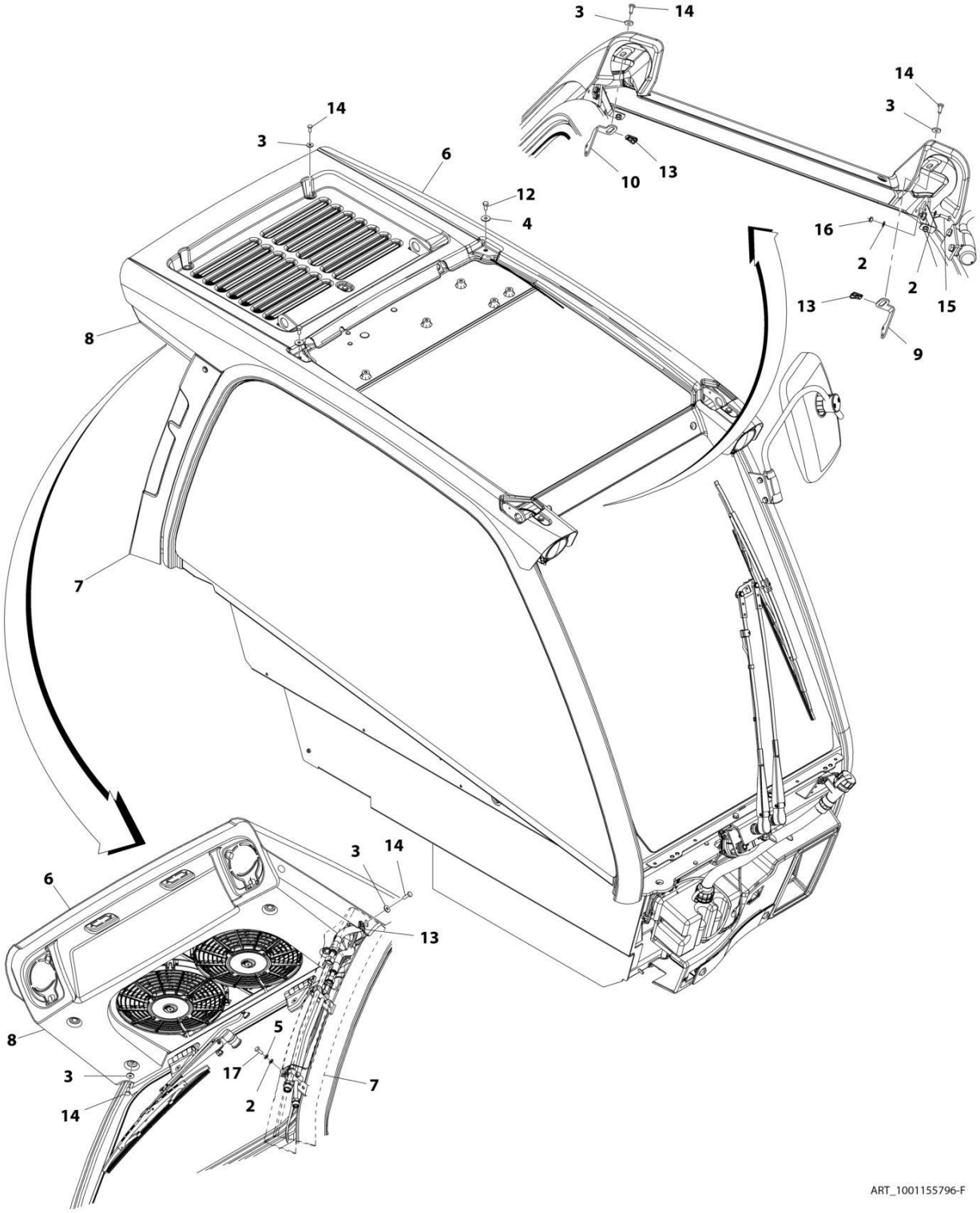


FIGURE 6-60. ROOF CAP INSTALLATION (A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155796	Ref	Roof Cap Installation (A/C) (Construction)	F
2	4811700	9	Washer, M6	
3	4811702	10	Washer, M6	
4	4811902	2	Washer, M8	
5	4831700	1	Washer, Lock M6	
6	1001155800	1	Cover, Upper Roof Cap	
7	1001174741	1	Cover	
8	1001214156	1	Cover, Lower Roof Cap	
9	1001174800	1	Bracket, Roof Cap	
10	1001174801	1	Bracket, Roof Cap	
12	0760808	2	Bolt, M8X16	
13	8305919	3	Nut, M6	
14	4010610002	10	Screw, Posi-Drive M6X20	
15	0700610	4	Bolt, M6X20	
16	3290601	4	Nut, M6X1	
17	4010608002	1	Screw, Posi-Drive, M6X16	

FIGURE 6-61. ROOF CAP INSTALLATION (NO A/C)

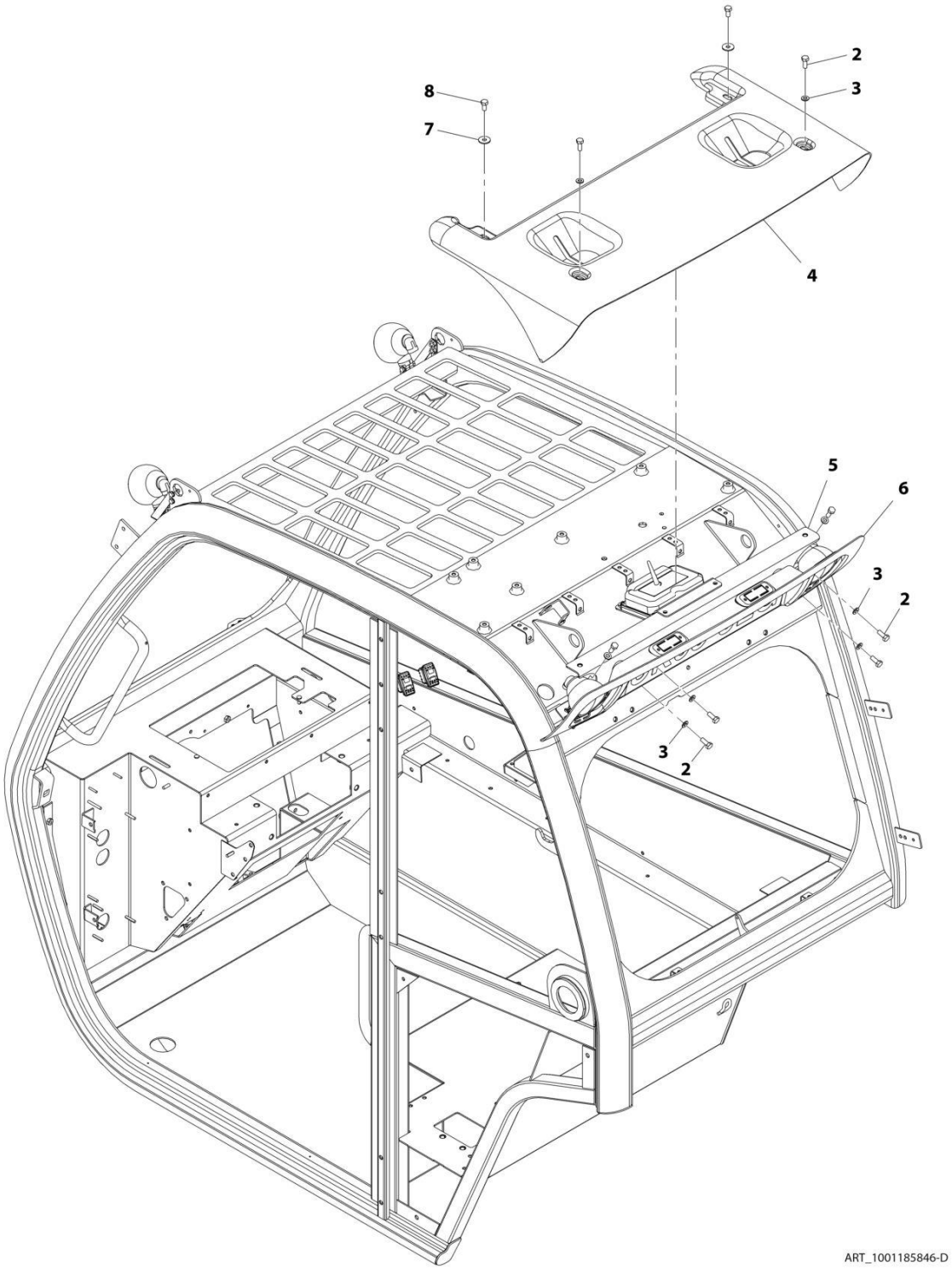
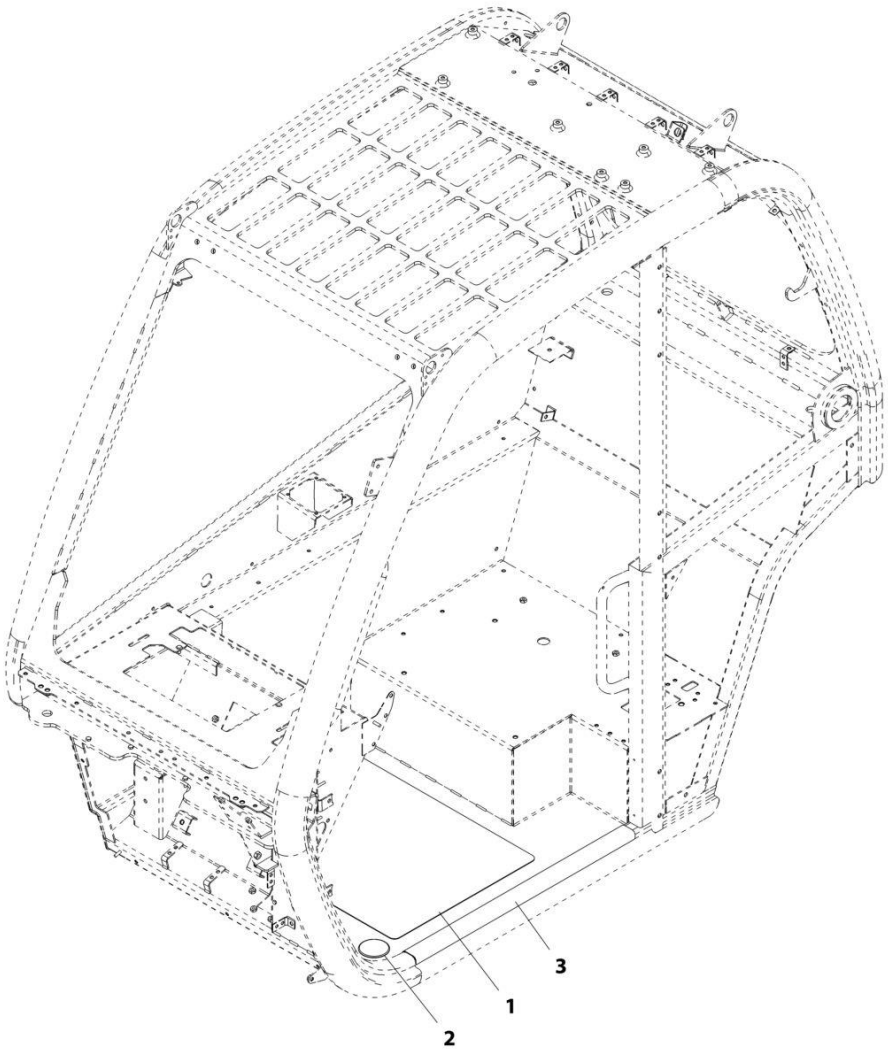


FIGURE 6-61. ROOF CAP INSTALLATION (NO A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185846	Ref	Roof Cap Installation (No A/C)	D
2	0760810	8	Bolt, M8X20	
3	4811900	8	Washer, M8	
4	1001182328	1	Cover, Short Upper Roof Cap	
5	1001185633	1	Bracket	
6	1001214535	2	Cover, Short Lower Roof Cap	
7	4811902	2	Washer, M8	
8	0760808	2	Bolt, M8X16	

FIGURE 6-62. NON SKID TAPE INSTALLATION



ART_1001197219-B

FIGURE 6-62. NON SKID TAPE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197219	Ref	Non Skid Tape Installation	B
1	1001197217	1	Tape, Non Skid Floor	
2	1001197218	1	Grommet	
3	1001197259	1	Tape, Non Skid Frame	

FIGURE 6-63. EXTERNAL WINDOW RELEASE INSTALLATION (CAN & ISO)

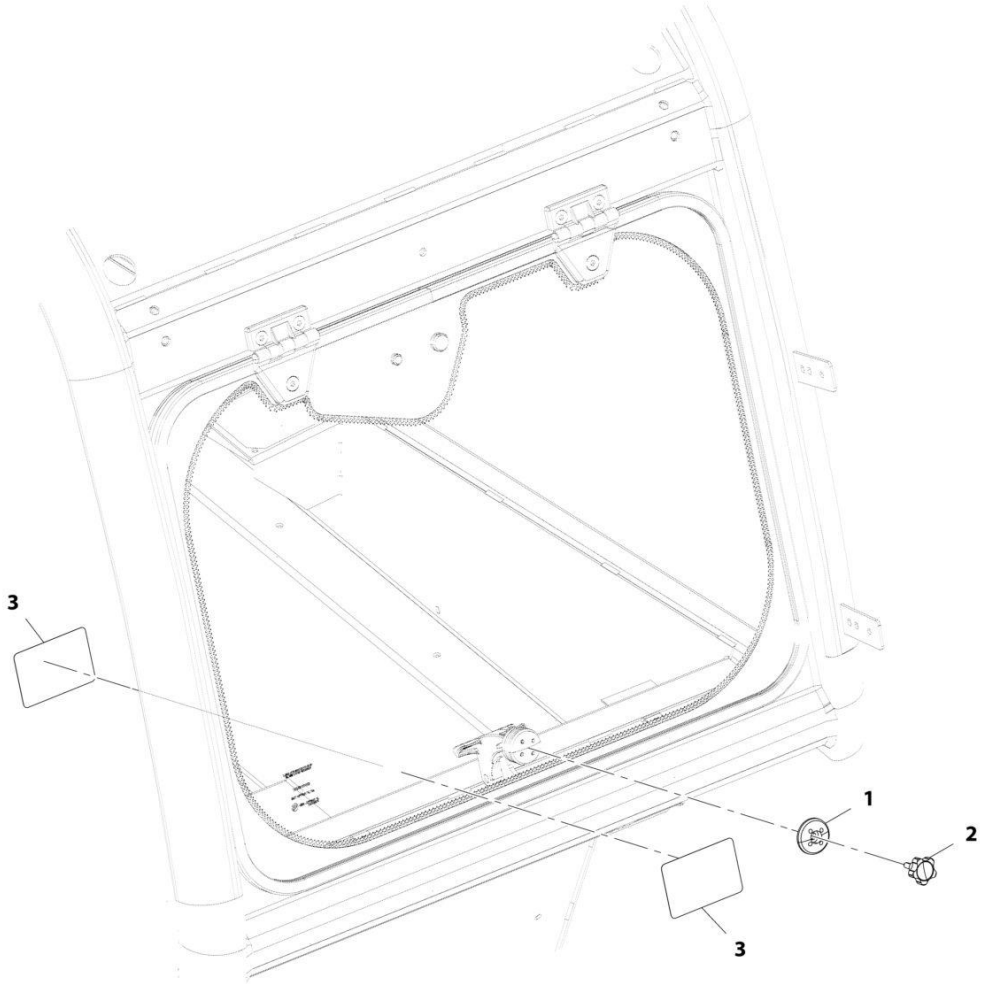


FIGURE 6-63. EXTERNAL WINDOW RELEASE INSTALLATION (CAN & ISO)

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 6-64. WASHER TANK INSTALLATION

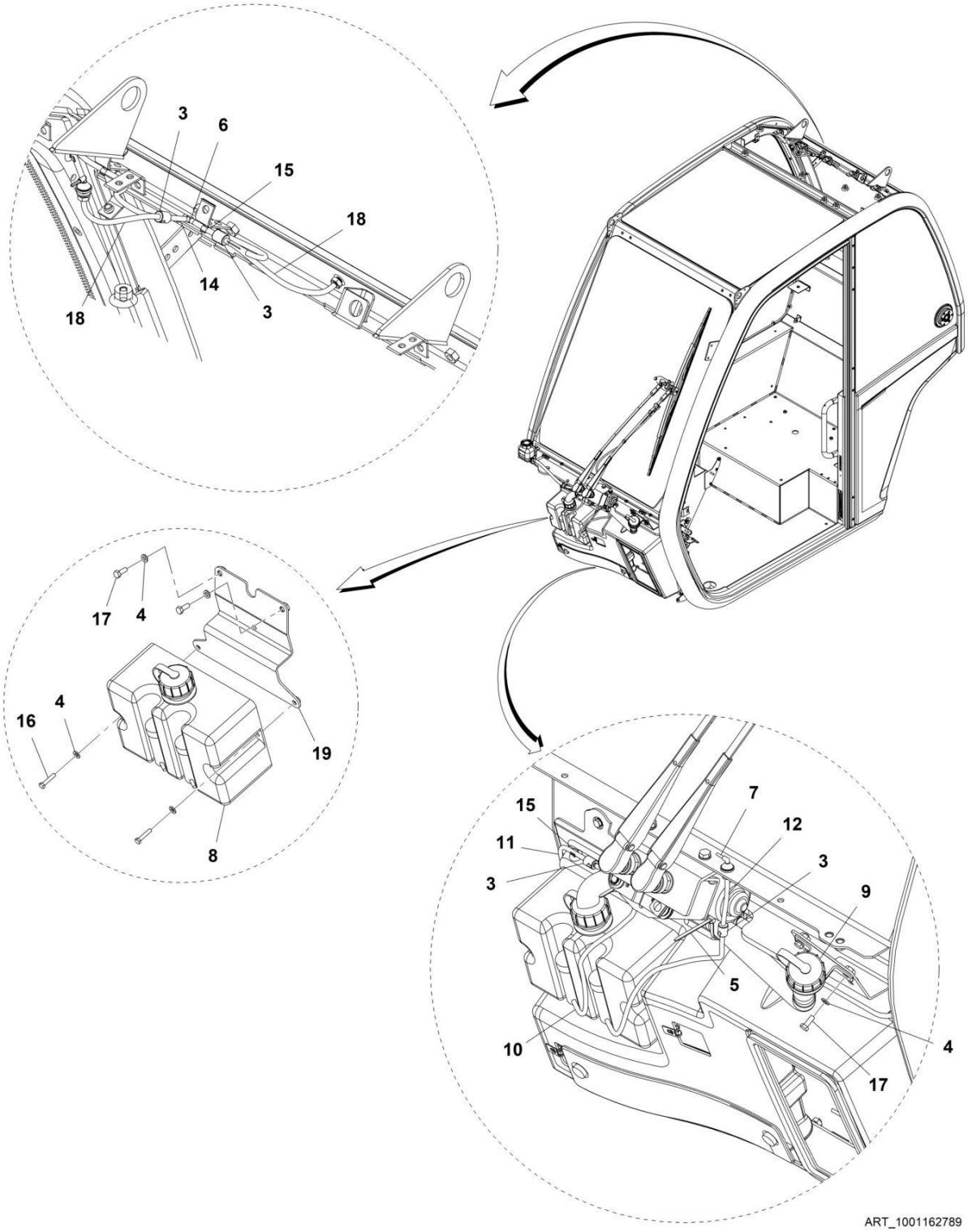
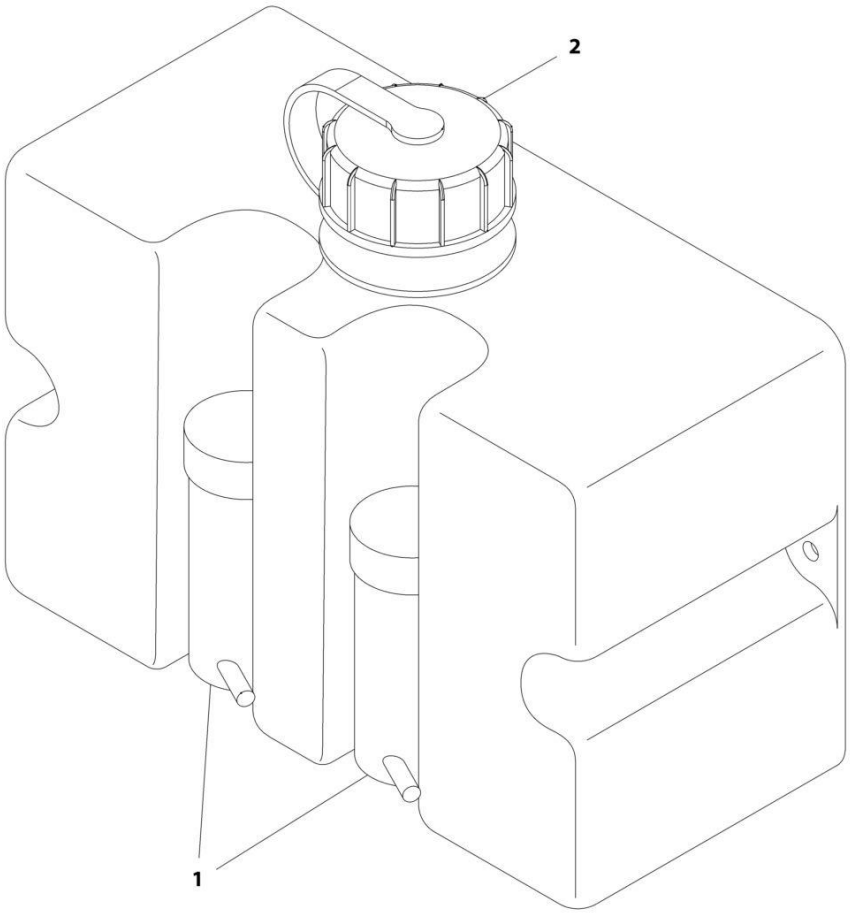


FIGURE 6-64. WASHER TANK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162789	Ref	Washer Tank Installation	M
3	1001201331	4	Valve, Check	
4	4811700	6	Washer, M6	
5	471678	2	Strap, Tie	
6	1001008742	1	Coupling, Tee	
8	1001165269	1	Bottle, Washer (See Separate Breakdown in this Section)	
9	1001165270	1	Hose, Washer Filler	
10	1001165351	2	Hose	
11	1001165407	1	Hose	
12	1001165416	1	Hose	
14	1001165455	2	Hose	
15	1001165458	16	Hose	
16	0760512	2	Bolt M5X25	
17	0760608	4	Bolt, M6X16	
18	1001178123	2	Hose	
19	1001171756	1	Bracket	

FIGURE 6-65. WASHER BOTTLE



ART_1001165269-B

FIGURE 6-65. WASHER BOTTLE

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

FIGURE 6-66. CAB GUARD INSTALLATION (TOP AND FRONT)

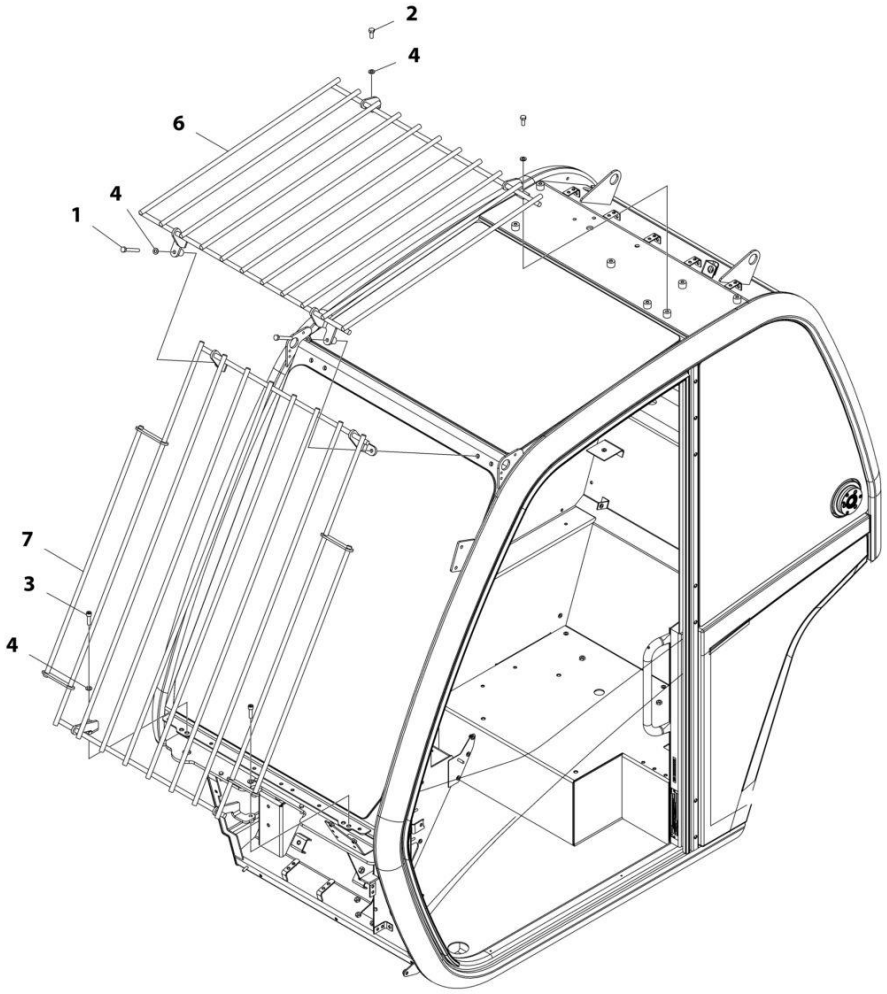


FIGURE 6-66. CAB GUARD INSTALLATION (TOP AND FRONT)

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 6-67. CAB GUARD INSTALLATION (TOP)

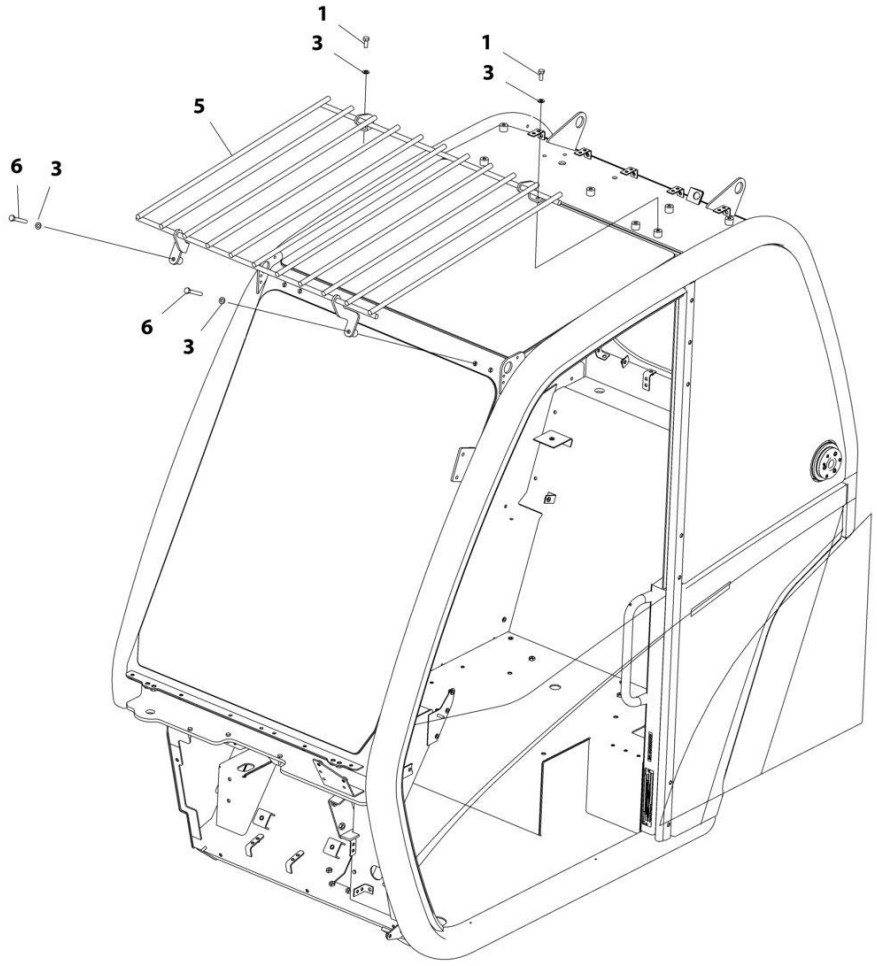


FIGURE 6-67. CAB GUARD INSTALLATION (TOP)

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 6-68. CAB GUARD INSTALLATION (FRONT)

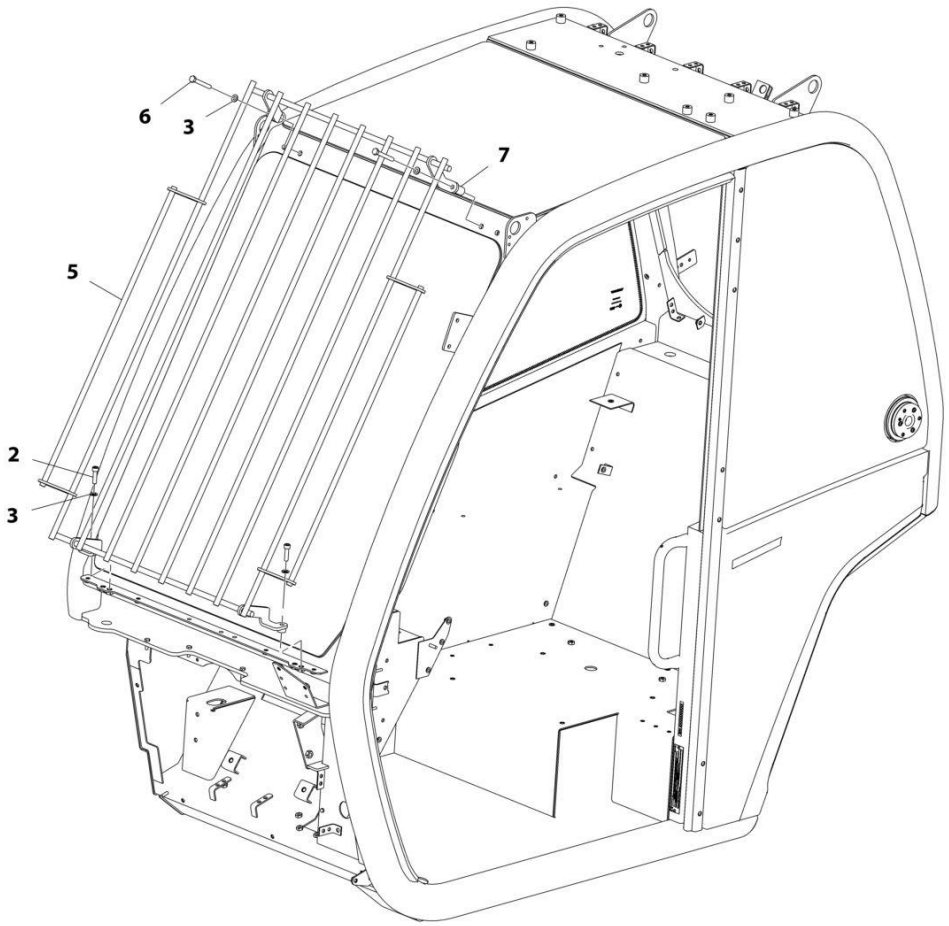


FIGURE 6-68. CAB GUARD INSTALLATION (FRONT)

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 6-69. ROOF PIGTAIL CAP INSTALLATION

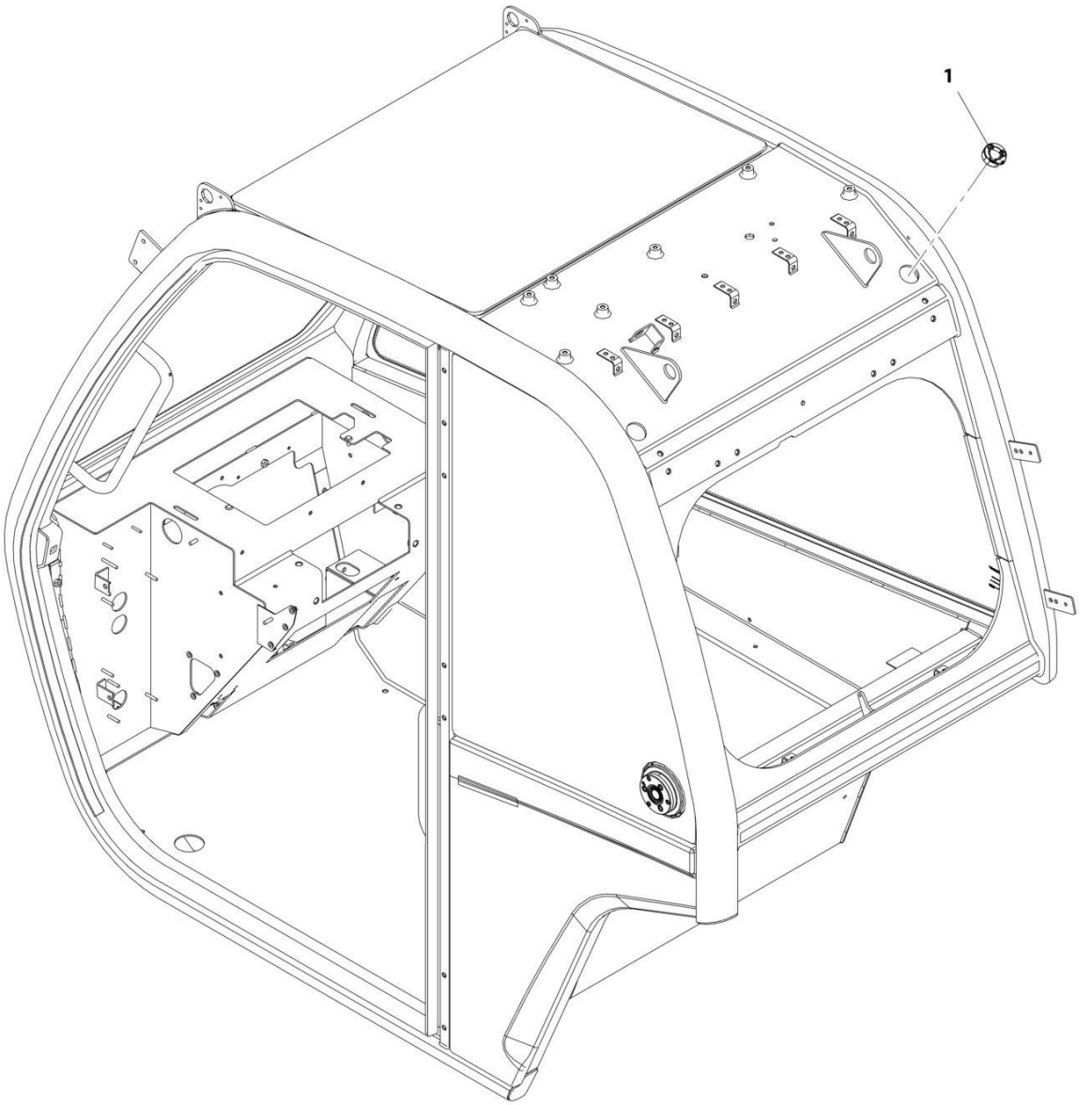


FIGURE 6-69. ROOF PIGTAIL CAP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202138	Ref	Roof Pigtail Cap Installation	A
1	1001202134	1	Cap, Deutsch Dust	

FIGURE 6-70. ROOF PIGTAIL INSTALLATION

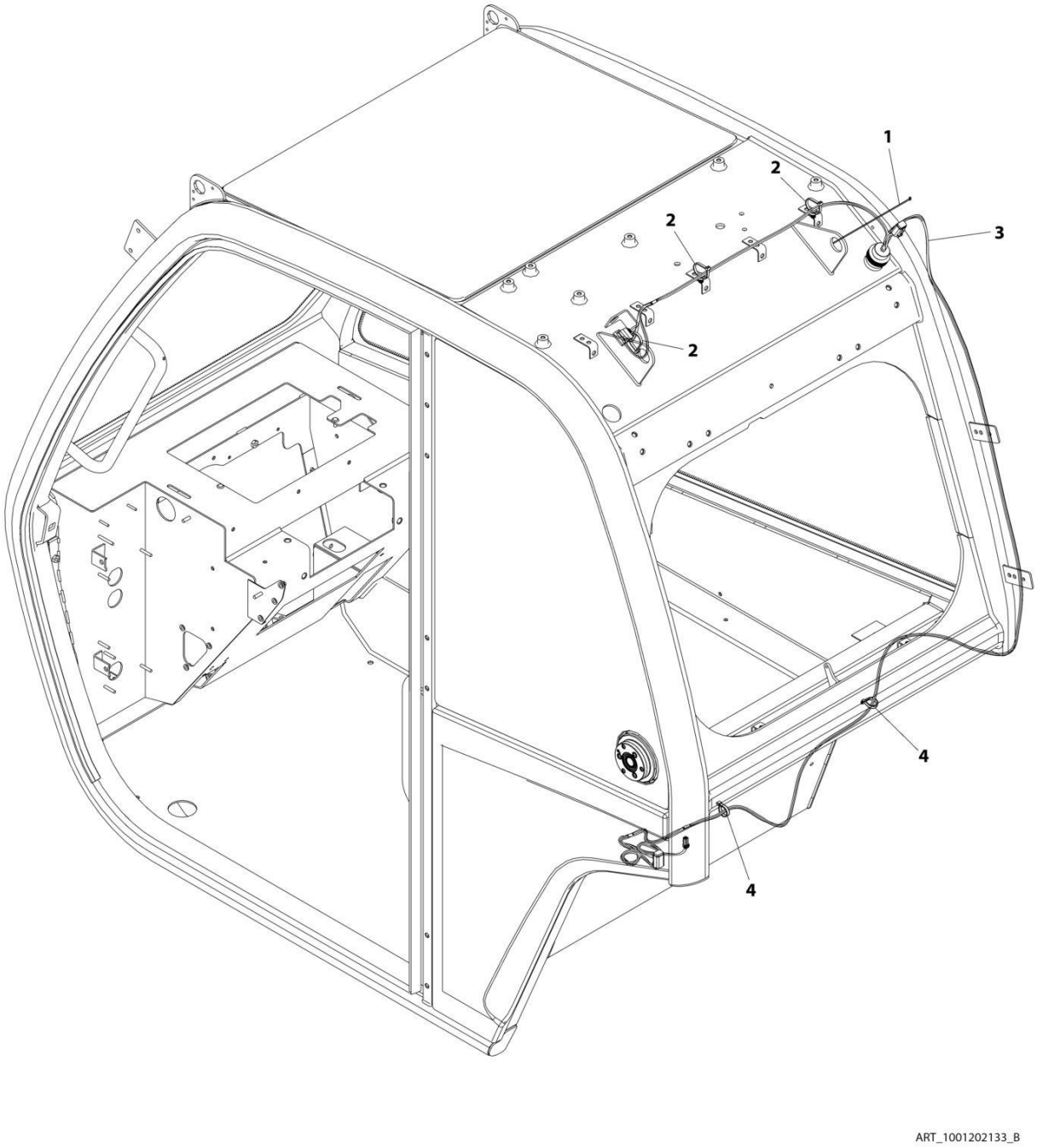
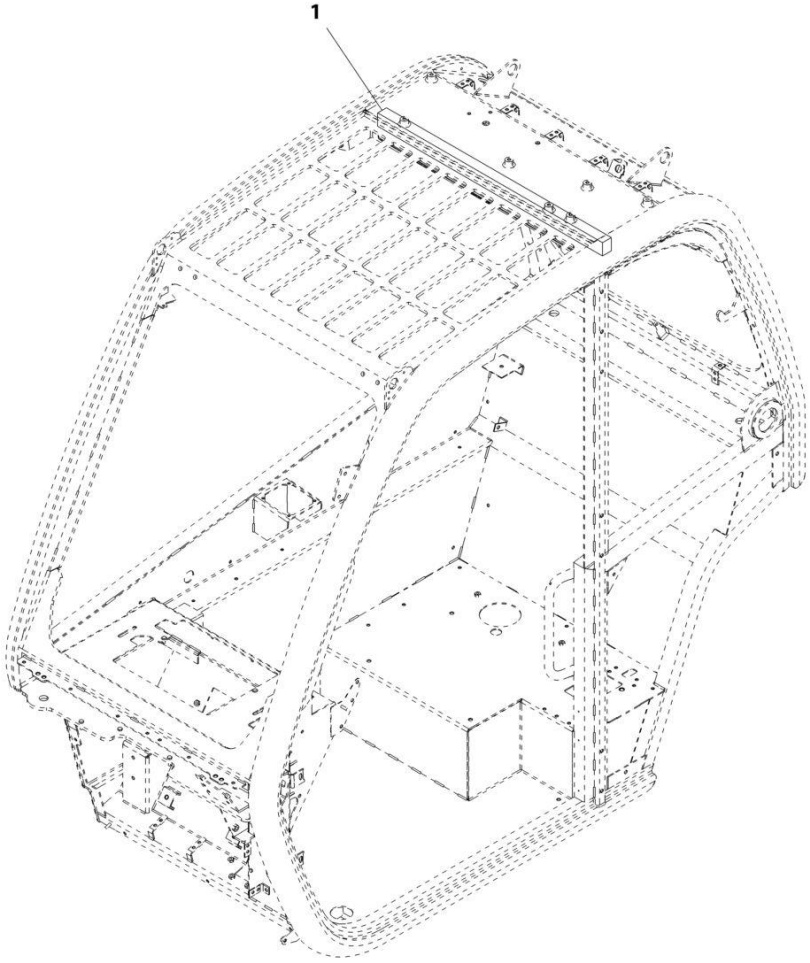


FIGURE 6-70. ROOF PIGTAIL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202133	Ref	Roof Pigtail Installation	B
1	4240033	1	Cable Tie	
2	1001146588	3	Strap	
3	1001265200	1	Harness, Roof Pigtail (See Separate Breakdown in ELECTRICAL Section)	
4	1001008559	2	Strap	

FIGURE 6-71. NO SUNSCREEN INSTALLATION



ART_1001211041-A

FIGURE 6-71. NO SUNSCREEN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001211041	Ref	No Sunscreen Installation	A
1	1001208192	1	Seal, Foam	

FIGURE 6-72. RETRACTABLE SUNSCREEN INSTALLATION

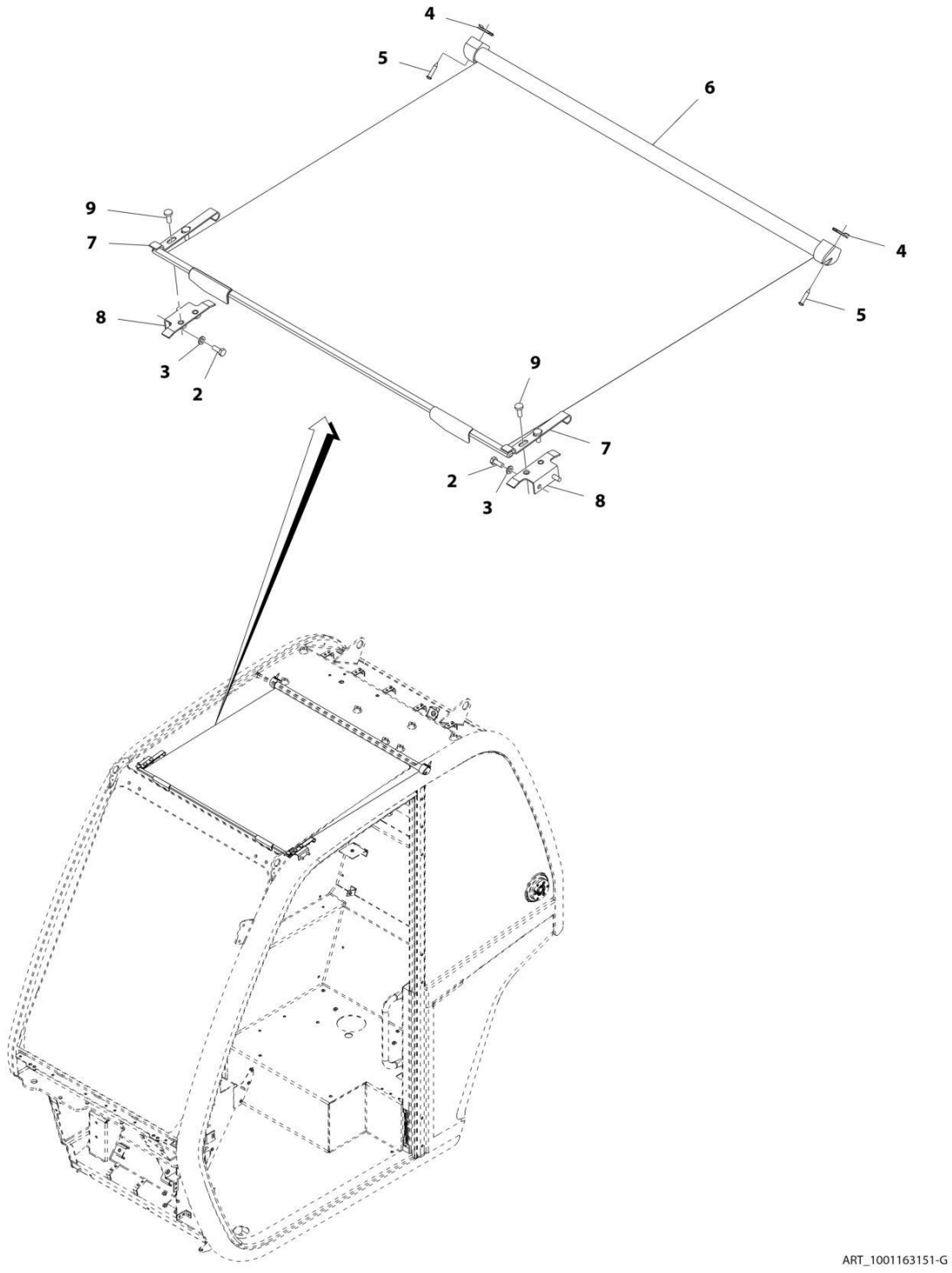


FIGURE 6-72. RETRACTABLE SUNSCREEN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163151	Ref	Retractable Sunscreen Installation	G
2	0760608	4	Bolt, M6X16	
3	4811700	4	Washer, M6	
4	1001111076	2	Nut	
5	1001111147	2	Screw	
6	1001163170	1	Cab, Screen Blind	
7	1001209463	2	Bracket, Sunscreen Mount	
8	1001166385	2	Bracket	
9	4010608002	4	Screw, M6X16	

SECTION 7 - CONTROLS

FIGURE 7-1. ACCELERATOR PEDAL INSTALLATION

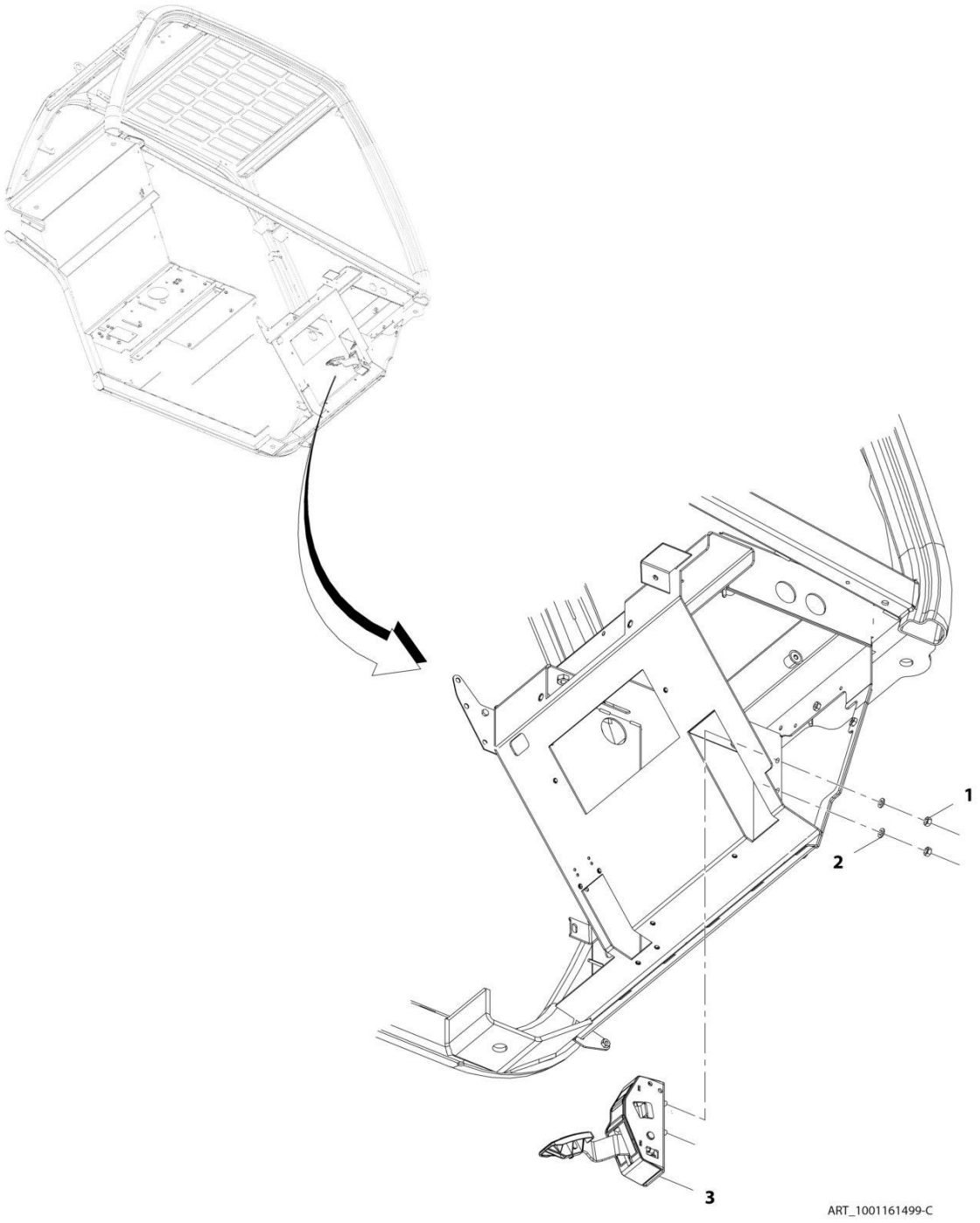


FIGURE 7-1. ACCELERATOR PEDAL INSTALLATION

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

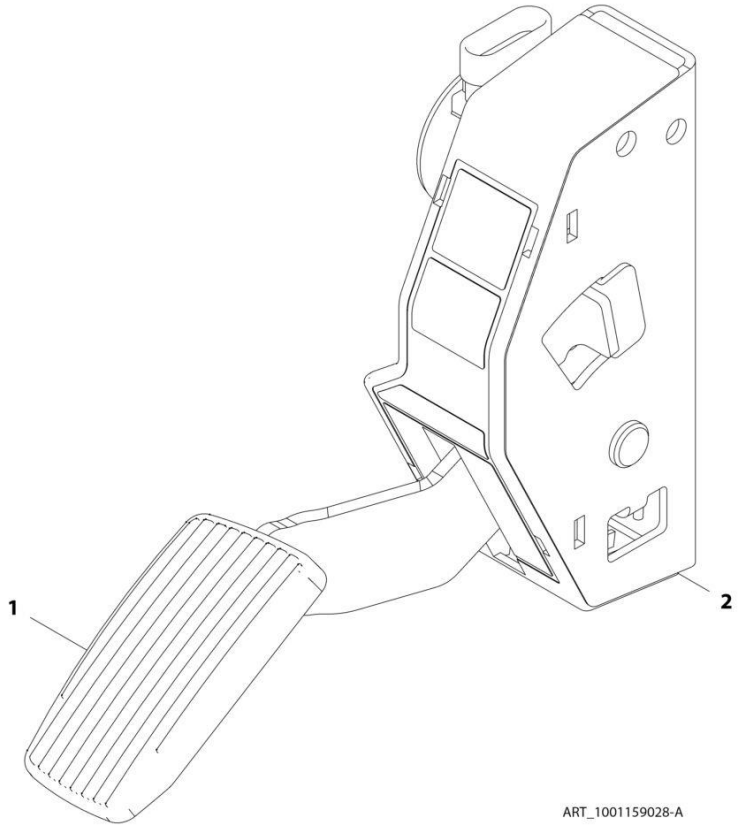


FIGURE 7-2. ACCELERATOR PEDAL

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

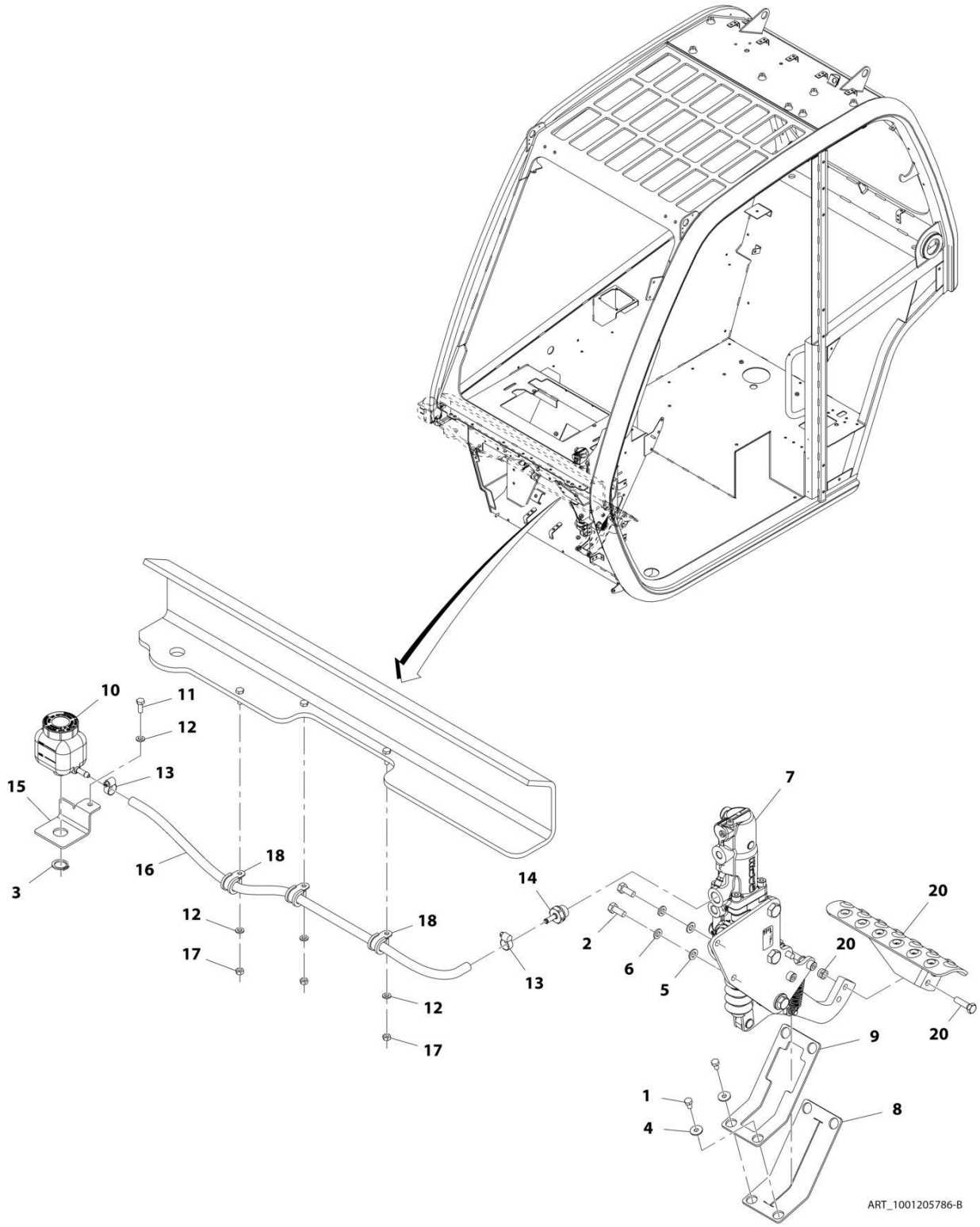
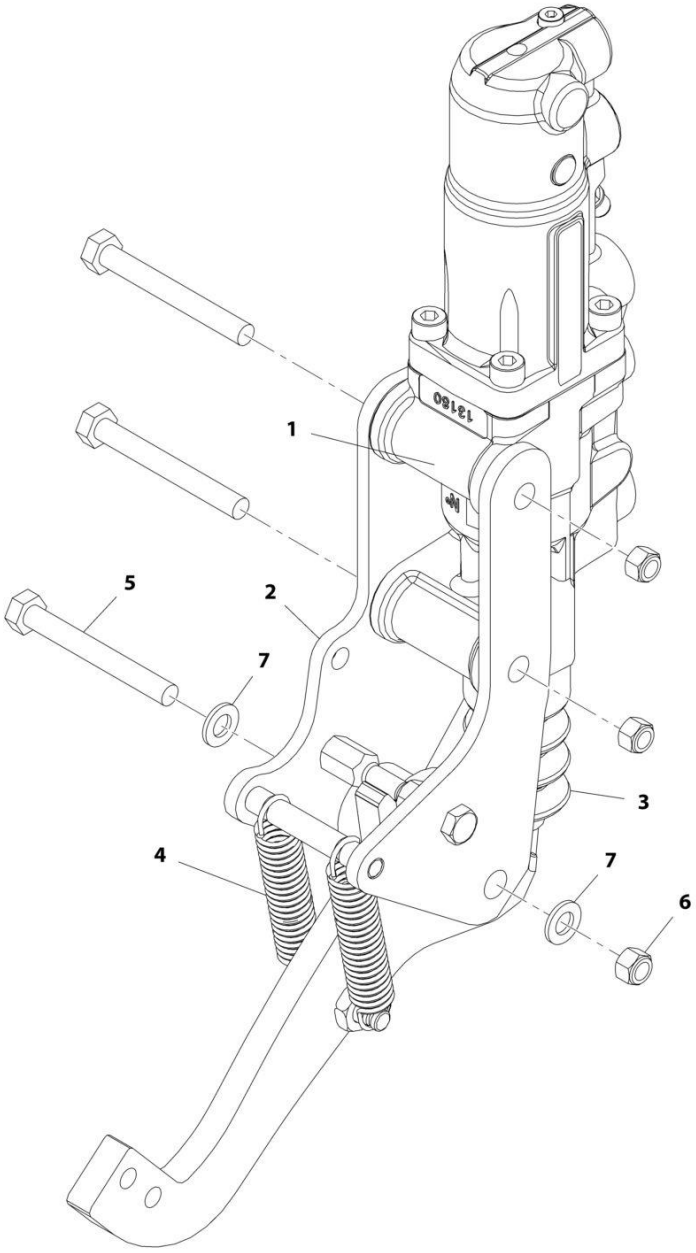


FIGURE 7-3. BRAKE PEDAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205786	Ref	Brake Pedal Installation	B
1	0760605	4	Bolt, M6X10	
2	0760810	3	Bolt, M8X20	
3	3760348	1	Ring, Retaining	
4	4811702	4	Washer, M6	
5	4811900	3	Washer, M8	
6	4831900	3	Washer, Lock M8	
7	1001197137	1	Pedal, Brake (See Separate Breakdown in this Section)	
8	1001162920	1	Gasket, Brake Pedal	
9	1001162922	1	Plate	
10	1001214220	1	Reservoir, Brake	
11	0760608	1	Bolt, M6X16	
12	4811700	4	Washer, M6	
13	8405009	2	Clamp, Gear	
14	1001171874	1	Fitting, Straight	
15	1001172088	1	Bracket, Brake Reservoir	
16	1001172094	1	Hose, Brake Reservoir	
17	3290601	3	Nut, M6X1	
18	1001170231	3	Clip, M6X15	
20	1001197139	1	Plate, Brake Pedal (See Separate Breakdown in this Section)	

FIGURE 7-4. BRAKE PEDAL



ART_1001197137-B

FIGURE 7-4. BRAKE PEDAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197137	Ref	Brake Pedal	B
1	70026537	1	Cylinder, Master	
2	70026433	1	Support	
3	70025859	1	Cover, Dust	
4	70025860	2	Spring, Return	
5	0701226	3	Bolt, M12X90	
6	3291205	3	Nut, Lock M12X1.75	
7	4812100	2	Washer, M12	

FIGURE 7-5. BRAKE PEDAL PLATE

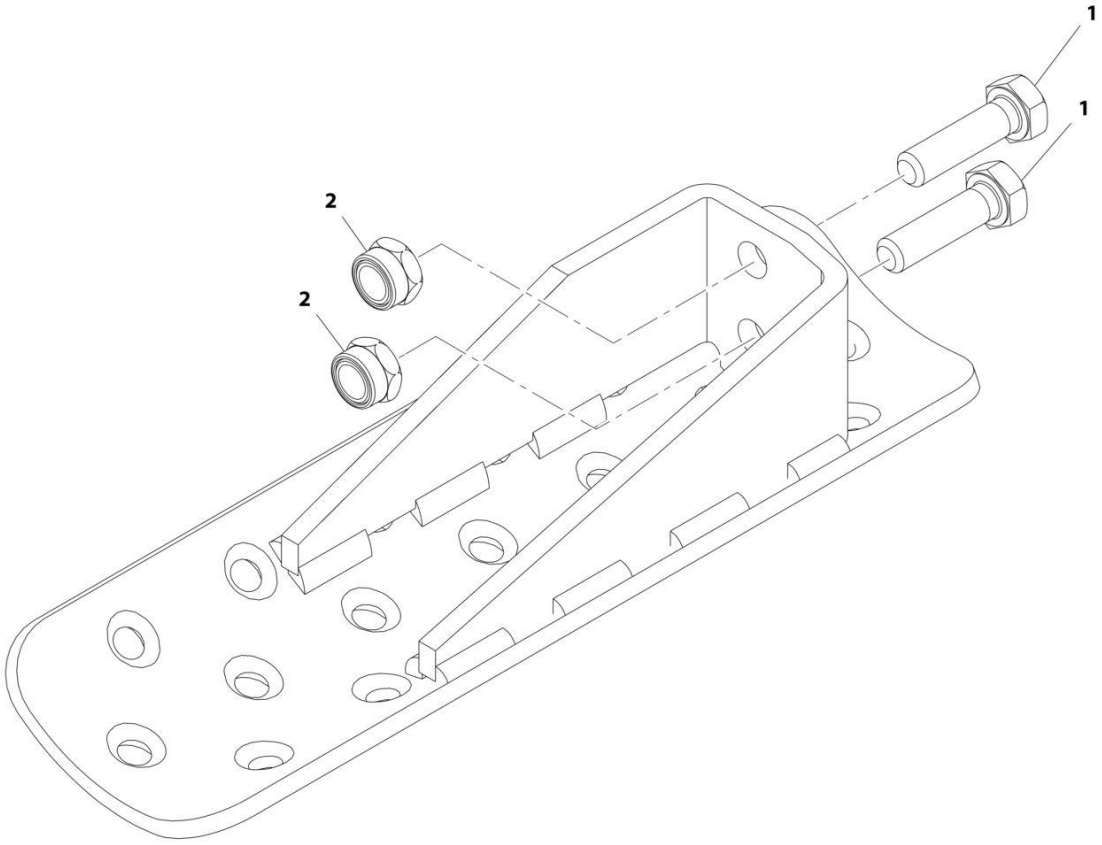


FIGURE 7-5. BRAKE PEDAL PLATE

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. COLUMN CLAMP INSTALLATION

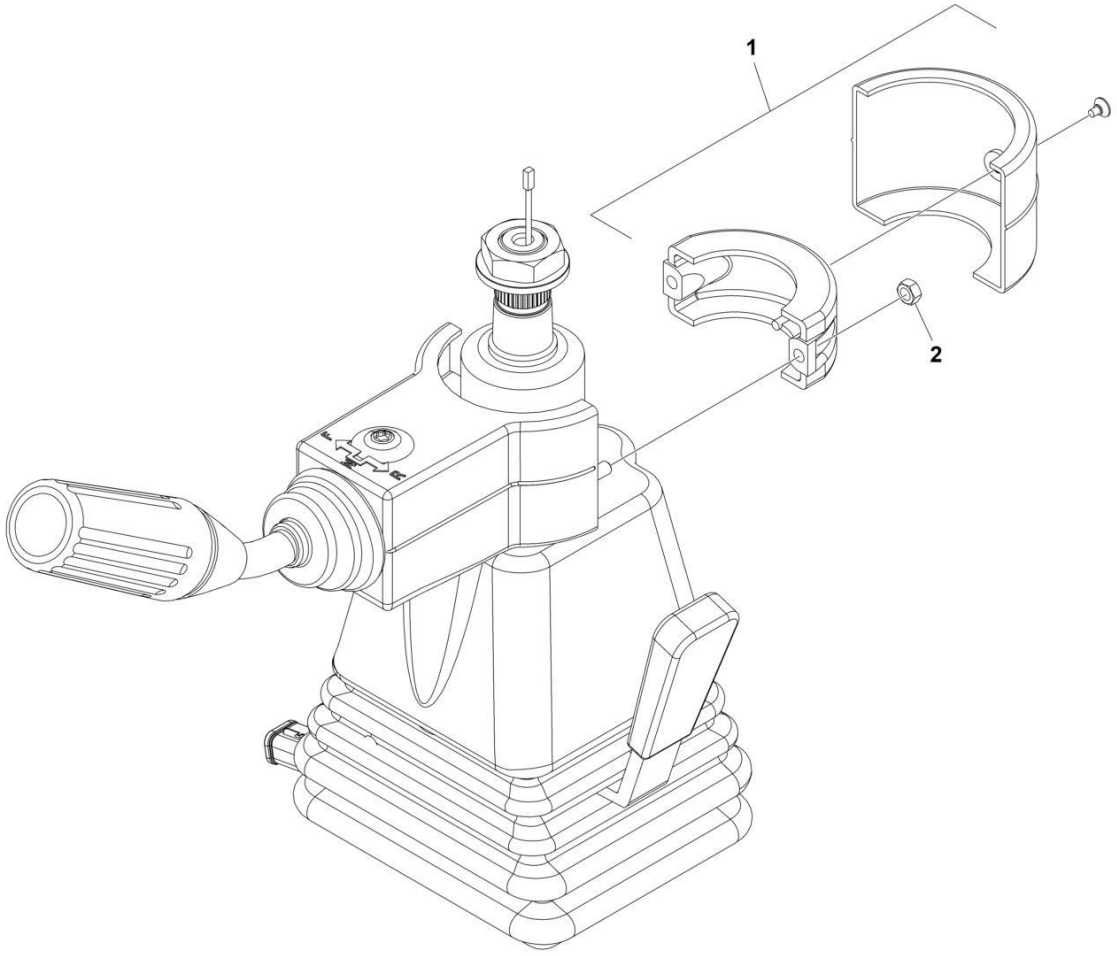
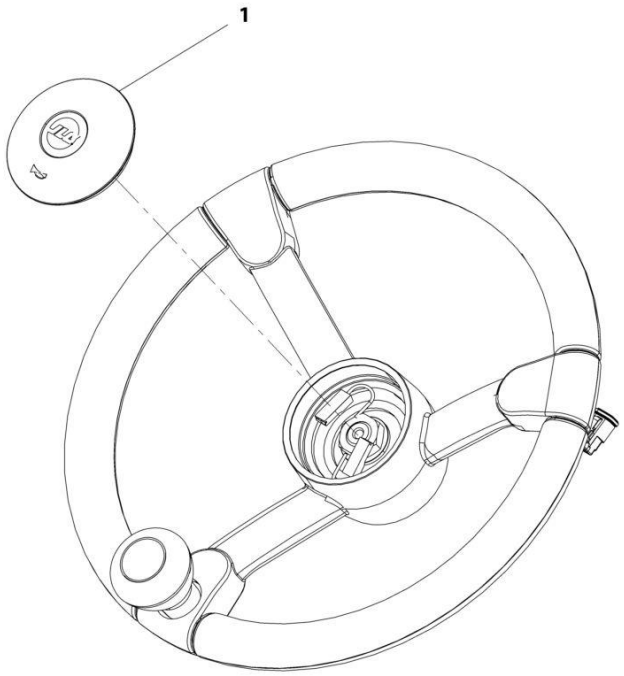


FIGURE 7-6. COLUMN CLAMP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182671	Ref	Column Clamp Installation	E
1	1001146949	1	Clamp	
2	3290505	2	Nut, Lock M5	

FIGURE 7-7. HORN BUTTON INSTALLATION



ART_1001169763-A

FIGURE 7-7. HORN BUTTON INSTALLATION

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

FIGURE 7-8. JOYSTICK INSTALLATION (ELOBAU BRAND)

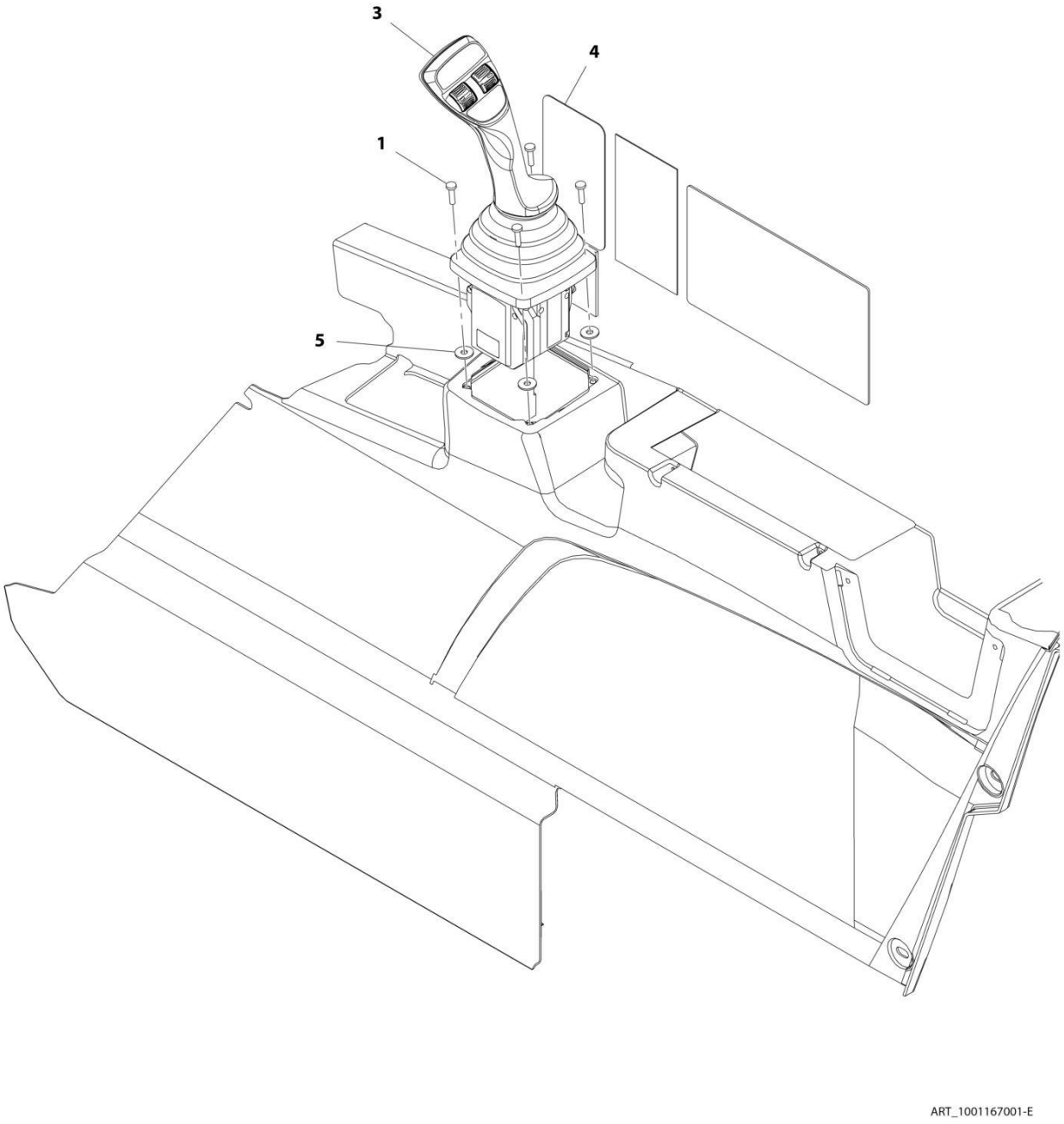


FIGURE 7-8. JOYSTICK INSTALLATION (ELOBAU BRAND)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167001	Ref	Joystick Installation (2 Roller, 0 Button)	E
1	4010510	4	Screw, M5X20	
3	1001222609	1	Joystick (See Separate Breakdown in this Section)	
4	1001181543	1	Decal, Joystick	
5	4811702001	AR	Washer	

FIGURE 7-9. JOYSTICK INSTALLATION (BOSCH/REXROTH BRAND)

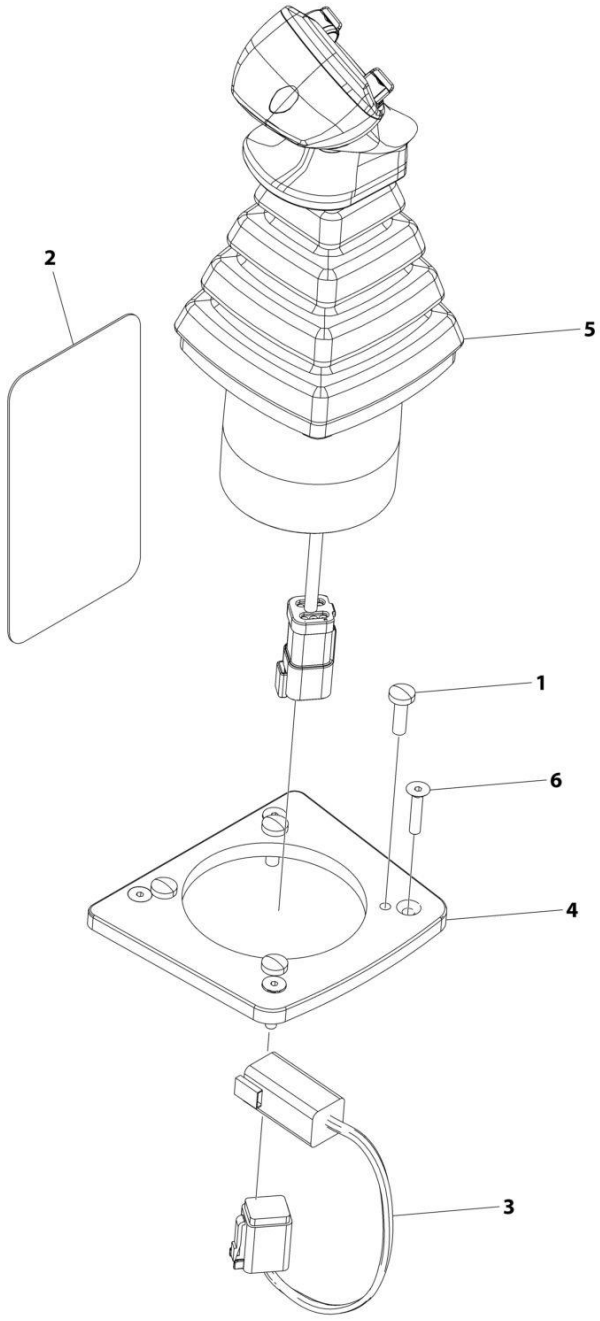


FIGURE 7-9. JOYSTICK INSTALLATION (BOSCH/REXROTH BRAND)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001298454	Ref	JOYSTICK INSTALLATION	A
1	4010610	4	Bolt M6 x 20	
2	1001181543	1	Decal – Joystick	
3	1001297247	1	Joystick Harness (See Separate Breakdown in ELECTRICAL Section)	
4	1001297803	1	Plate	
5	1001298306	1	Joystick Assembly (See Separate Breakdown in this Section)	
6	1001298623	4	Bolt M5 x 25	

FIGURE 7-10. JOYSTICK ASSEMBLY (ELOBAU BRAND)

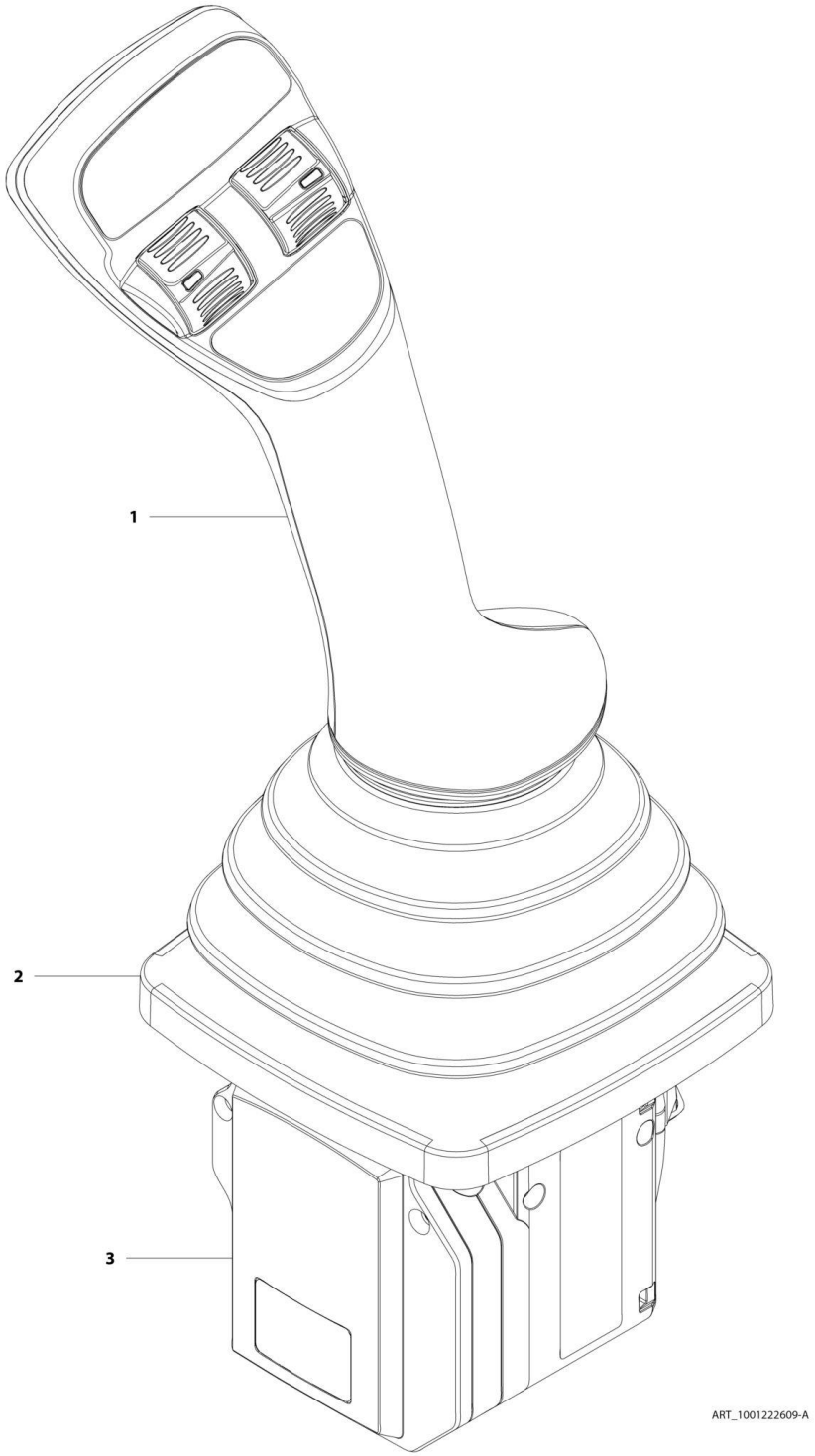


FIGURE 7-10. JOYSTICK ASSEMBLY (ELOBAU BRAND)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222609	Ref	Joystick	A
1	70026257	1	Handle, Joystick	
2	70025844	1	Gaiter	
3	70026258	1	Base, Joystick	

FIGURE 7-11. JOYSTICK ASSEMBLY (BOSCH/REXROTH BRAND)

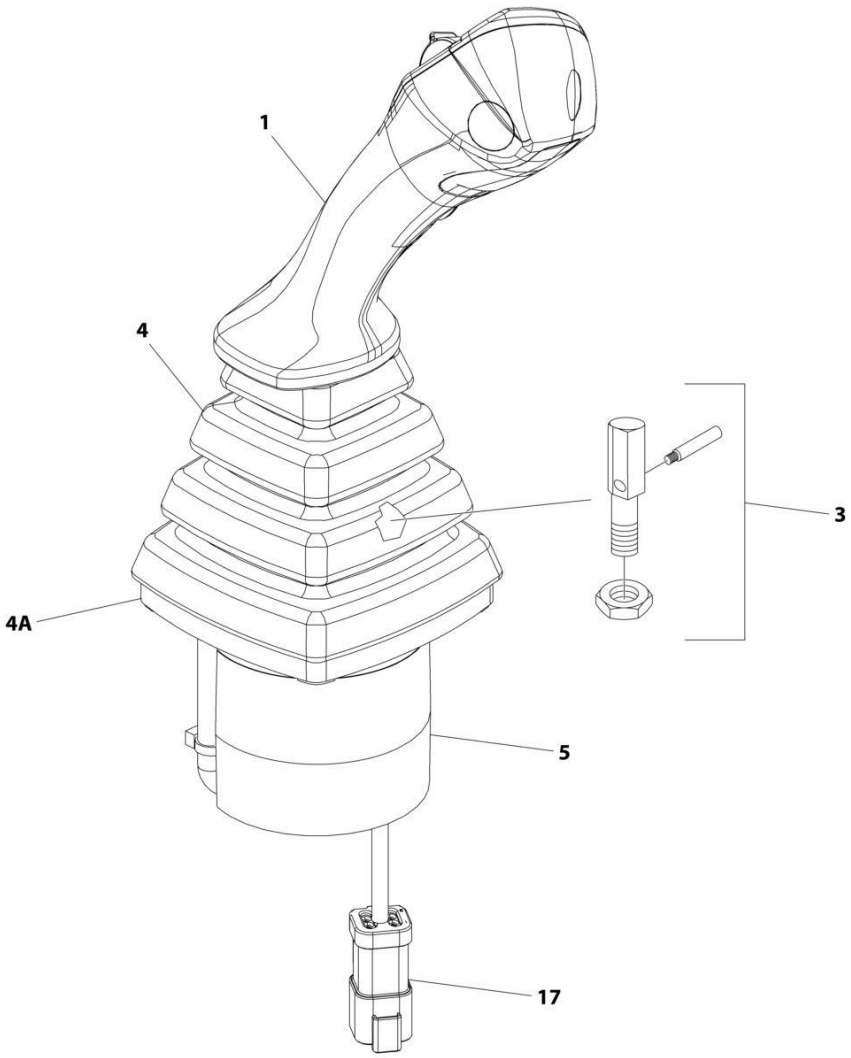


FIGURE 7-11. JOYSTICK ASSEMBLY (BOSCH/REXROTH BRAND)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001298306	Ref	JOYSTICK ASSEMBLY	B
1	70031450	1	Grip	
3	70020770	1	Lever Kit	
4	70031451	1	Boot	
4A	70031452	1	Base, Boot	
5	See Note	NSS	Base (Note: Purchase PN 1001298306)	
17	70031453	1	Connector Kit	

FIGURE 7-12. STEERING COLUMN INSTALLATION

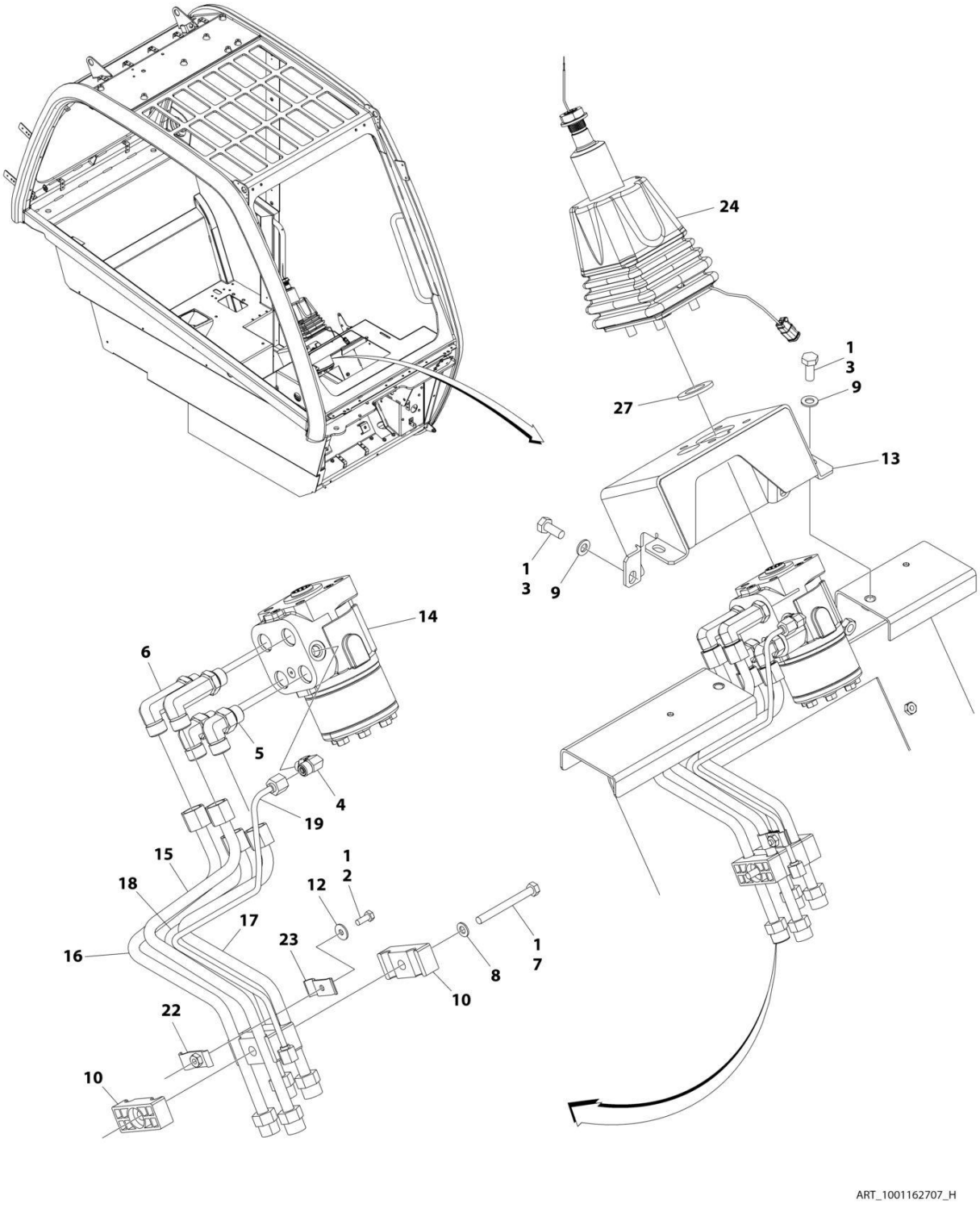


FIGURE 7-12. STEERING COLUMN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162707	Ref	Steering Column Installation	H
1	1001095650	AR	Compound, Locking	
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	0700824	1	Bolt, M8X80	
8	4811900	1	Washer, M8	
9	4812000	8	Washer, M10	
10	1001004640	4	Clamp	
12	4811702	1	Washer, M6	
13	1001156265	1	Plate	
14	1001160599	1	Valve, Steering Unit (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
15	1001161672	1	Pipe	
16	1001161896	1	Pipe	
17	1001161897	1	Pipe	
18	1001161898	1	Pipe	
19	1001162979	1	Pipe	
22	1001168142	1	Bracket	
23	1001168151	1	Bracket	
24	1001256952	1	Column, Steering	
27	1001214480	1	Washer	

FIGURE 7-13. STEERING COLUMN INSTALLATION (EMERGENCY STEERING)

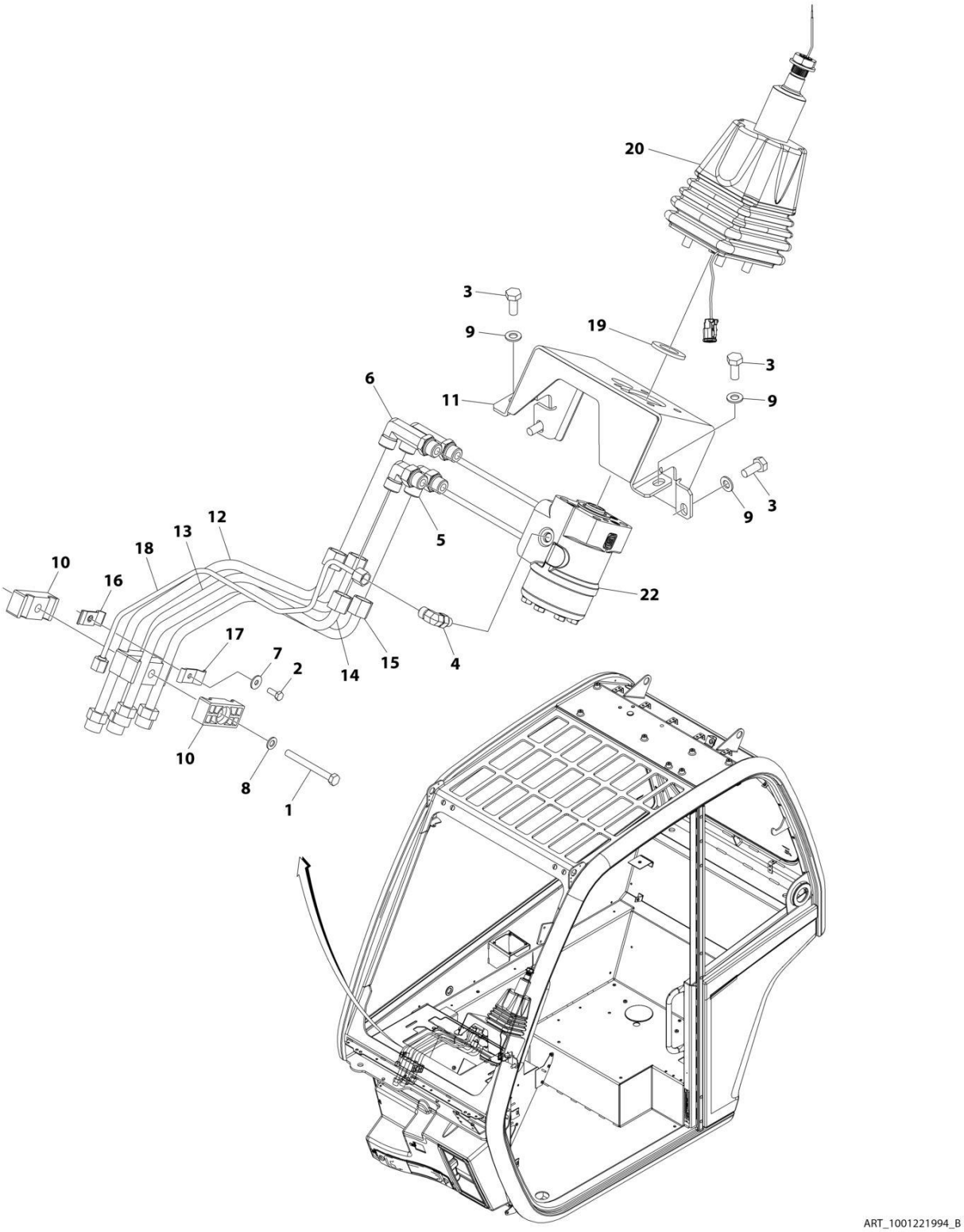


FIGURE 7-13. STEERING COLUMN INSTALLATION (EMERGENCY STEERING)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221994	Ref	Steering Column Installation (Emergency Steering)	B
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	1001156265	1	Cab, Steering Column Support	
12	1001161672	1	Pipe	
13	1001161896	1	Pipe	
14	1001161897	1	Pipe	
15	1001161898	1	Pipe	
16	1001168142	1	Bracket	
17	1001168151	1	Bracket	
18	1001194282	1	Pipe	
19	1001214480	1	Washer	
20	1001256952	1	Column, Steering	
22	1001219396	1	Valve, Steering Unit	

FIGURE 7-14. STEERING WHEEL INSTALLATION

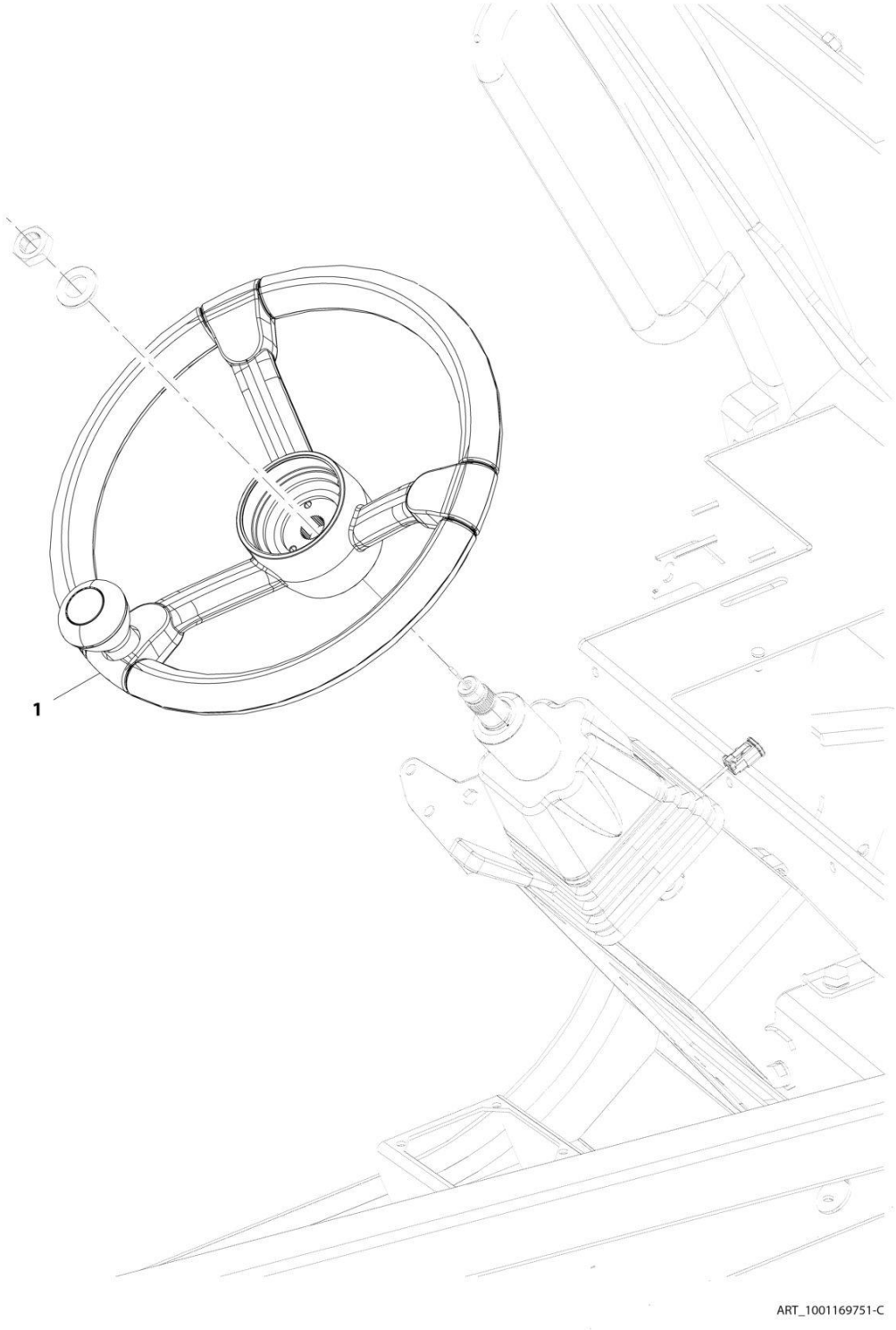
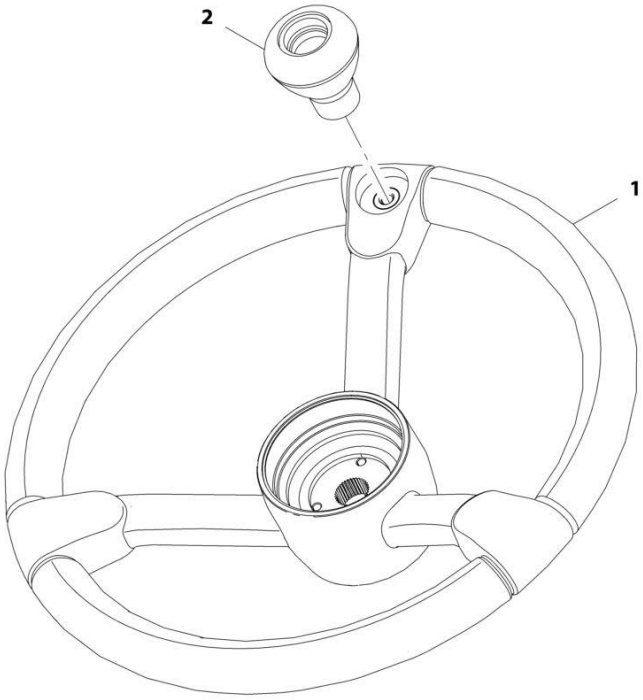


FIGURE 7-14. STEERING WHEEL INSTALLATION

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

FIGURE 7-15. STEERING WHEEL



ART_1001169354-D

FIGURE 7-15. 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 7-16. WIPER-TURN SWITCH INSTALLATION

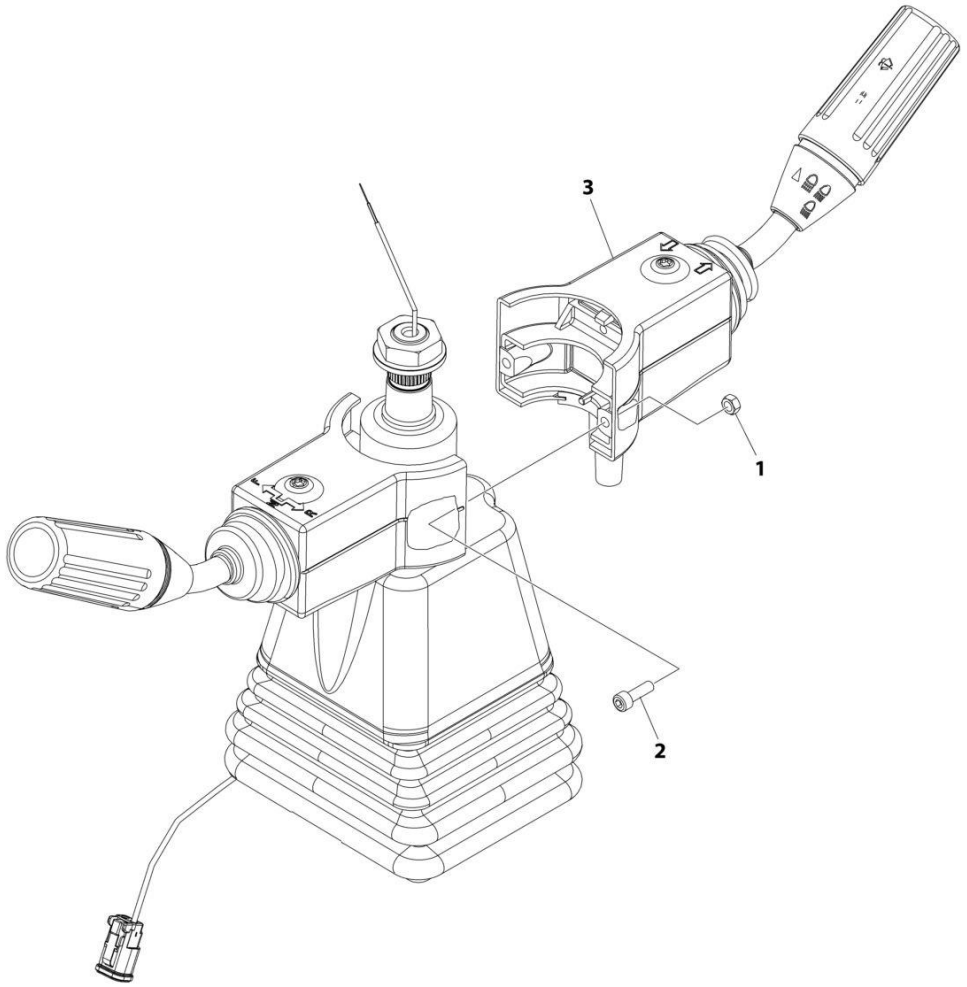


FIGURE 7-16. WIPER-TURN SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257071	Ref	Wiper-Turn Switch Installation	B
1	3290505	2	Nut, Lock M5	
2	4031607	2	Capscrew M5 x 16	
3	1001256974	1	Switch, Turn-Wiper	

SECTION 8 - HYDRAULIC CIRCUITS

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-1. MAIN HYDRAULIC INSTALLATION - 74HP

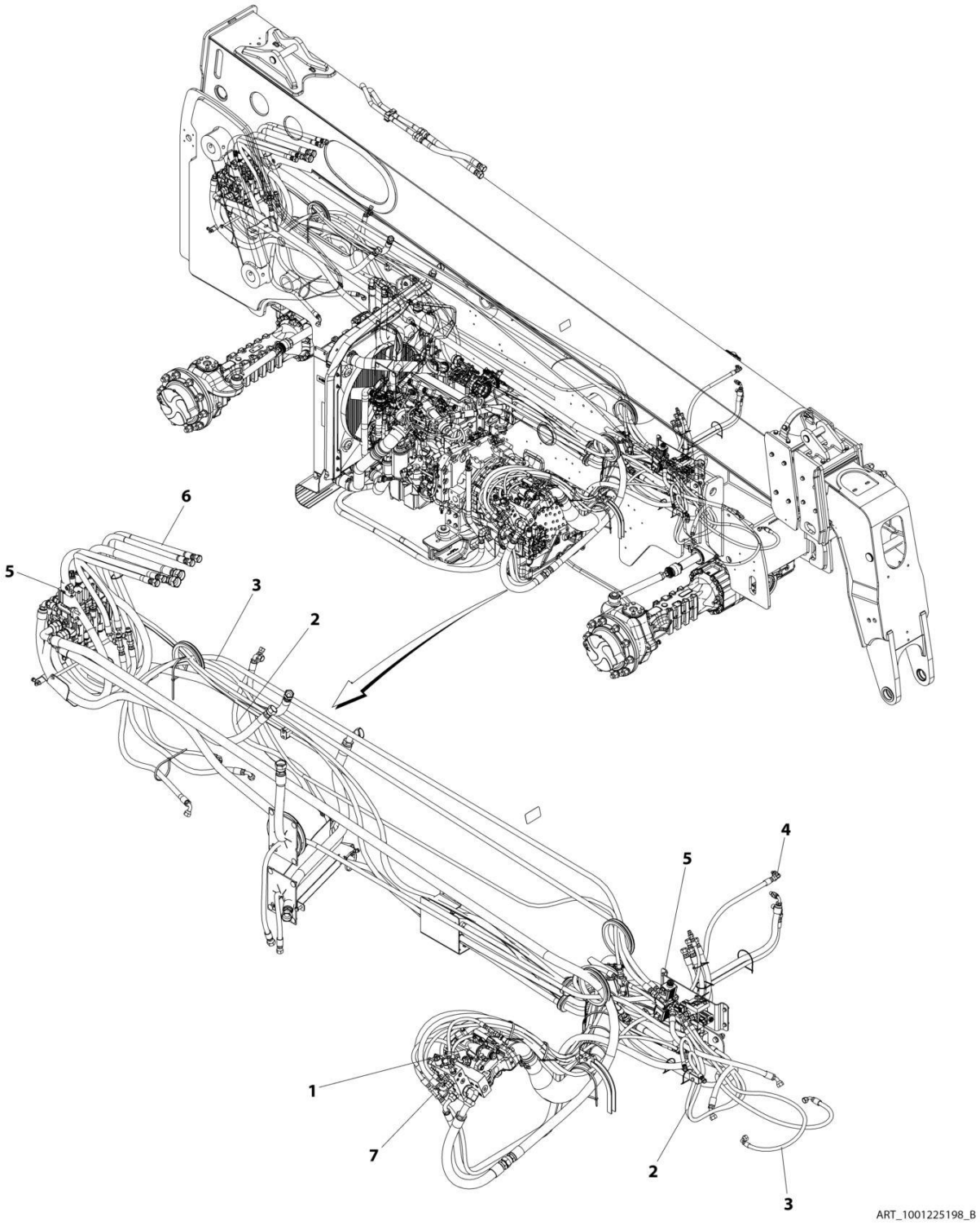


FIGURE 8-1. MAIN HYDRAULIC INSTALLATION - 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225198	Ref	Main Hydraulic Installation (Outriggers 74HP)	B
1	1001162670	Ref	Installation, Piston Pump (See Separate Breakdown in this Section)	
2	1001168468	Ref	Installation, Frame Level Hydraulics (See Separate Breakdown in this Section)	
3	1001225200	Ref	Installation, Hydraulic Lines (74HP) (See Separate Breakdown in this Section)	
4	1001225202	Ref	Installation, Cab Hydraulics (See Separate Breakdown in this Section)	
5	1001225748	Ref	Installation, Valve (See Separate Breakdown in this Section)	
6	1001170100	Ref	Installation, Boom Hydraulic (See Separate Breakdown in this Section)	
7	1001161308	Ref	Installation, Priority Manifold Valve (See Separate Breakdown in this Section)	

FIGURE 8-2. MAIN HYDRAULIC INSTALLATION - 74HP (EMERGENCY STEERING)

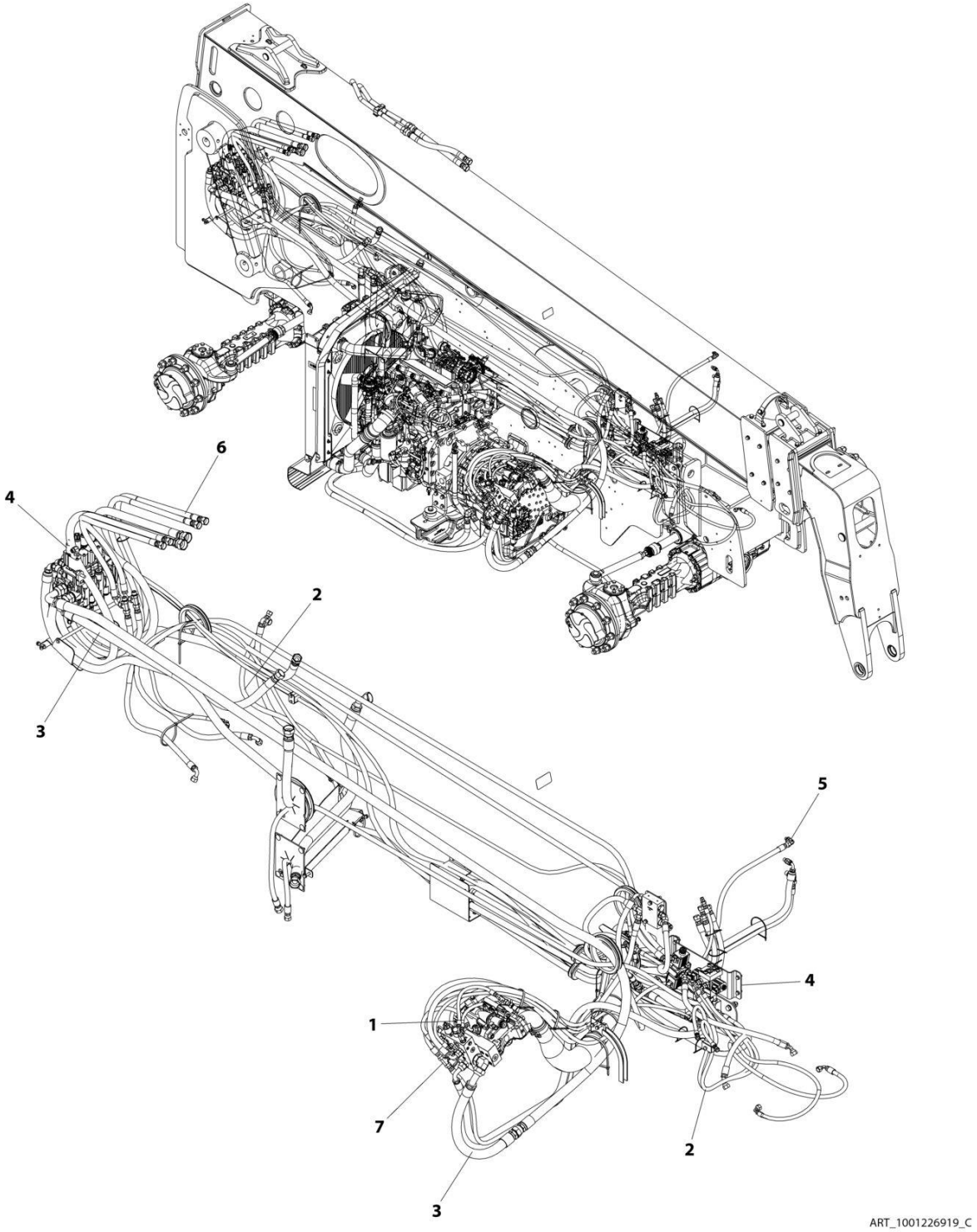


FIGURE 8-2. MAIN HYDRAULIC INSTALLATION - 74HP (EMERGENCY STEERING)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226919	Ref	Main Hydraulic Installation - 74HP (Emergency Steering No Outriggers)	C
1	1001162670	Ref	Installation, Piston Pump (See Separate Breakdown in this Section)	
2	1001168468	Ref	Installation, Frame Level Hydraulics (See Separate Breakdown in this Section)	
3	1001225200	Ref	Installation, Hydraulic Lines (74HP) (See Separate Breakdown in this Section)	
4	1001225748	Ref	Installation, Valve (See Separate Breakdown in this Section)	
5	1001226920	Ref	Installation, Hoses Cab Hydraulics (See Separate Breakdown in this Section)	
6	1001170100	Ref	Installation, Boom Hydraulic (See Separate Breakdown in this Section)	
7	1001161308	Ref	Installation, Priority Manifold Valve (See Separate Breakdown in this Section)	

FIGURE 8-3. MAIN HYDRAULIC INSTALLATION - 110HP

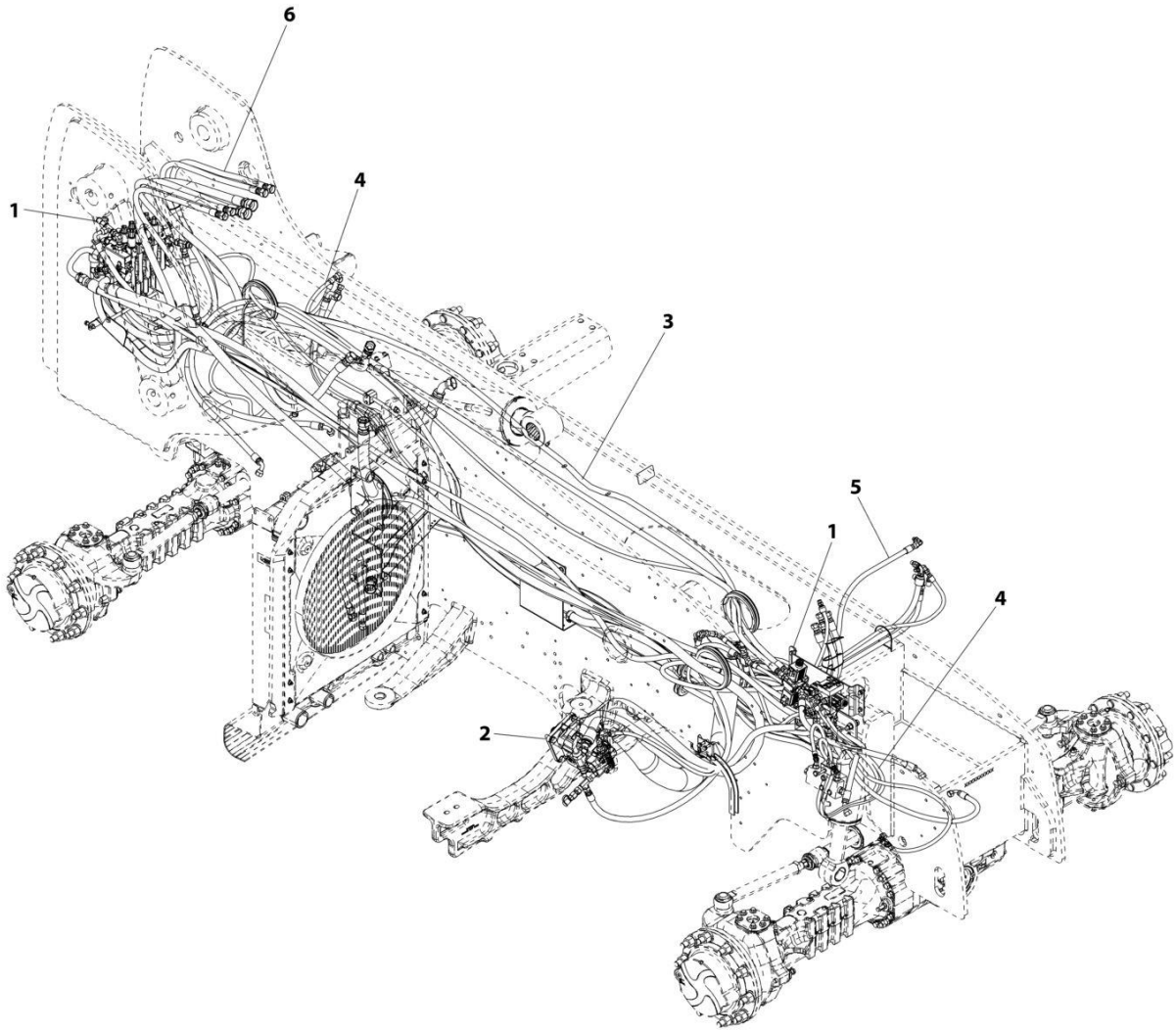


FIGURE 8-3. MAIN HYDRAULIC INSTALLATION - 110HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232290	Ref	Main Hydraulic Installation (No Outriggers) (110HP)	B
1	1001169910	Ref	Installation, Valve (No Outriggers) (See Separate Breakdown in this Section)	
2	1001169915	Ref	Installation, Pump (See Separate Breakdown in this Section)	
3	1001171208	Ref	Installation, Hydraulic Lines (110HP) (See Separate Breakdown in this Section)	
4	1001171209	Ref	Installation, Frame Level Hydraulics (No Outriggers) (See Separate Breakdown in this Section)	
5	1001175933	Ref	Installation, Cab Hydraulic (See Separate Breakdown in this Section)	
6	1001189995	Ref	Installation, Boom Hydraulic (See Separate Breakdown in this Section)	

FIGURE 8-4. MAIN HYDRAULIC INSTALLATION - 110HP (EMERGENCY STEERING)

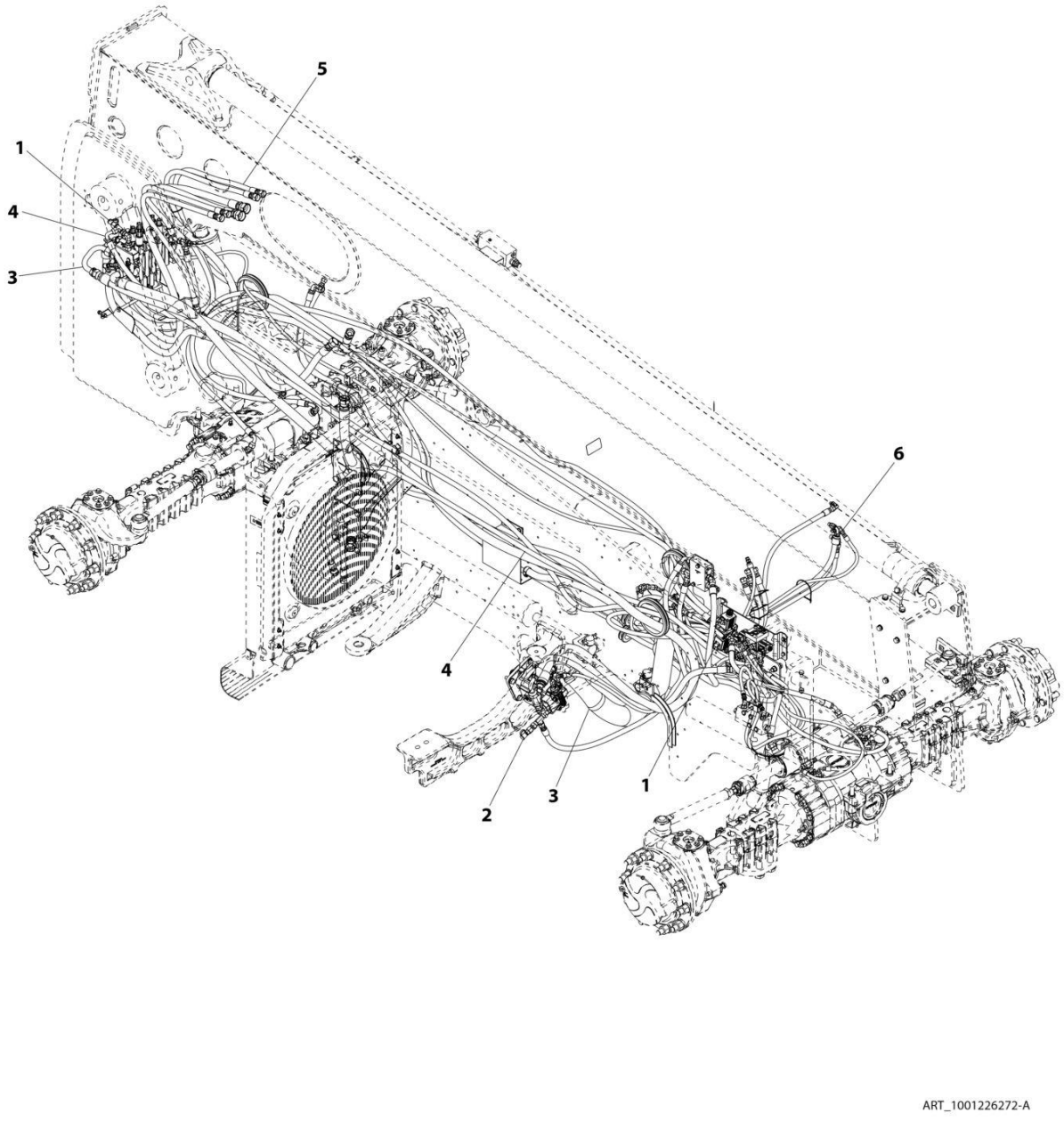


FIGURE 8-4. MAIN HYDRAULIC INSTALLATION - 110HP (EMERGENCY STEERING)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226272	Ref	Main Hydraulic Installation (Emergency Steering No Outriggers)	A
1	1001169910	Ref	Installation, Valve (No Outriggers) (See Separate Breakdown in this Section)	
2	1001169915	Ref	Installation, Pump (See Separate Breakdown in this Section)	
3	1001171208	Ref	Installation, Hydraulic Lines (110HP) (See Separate Breakdown in this Section)	
4	1001171209	Ref	Installation, Frame Level Hydraulics (No Outriggers) (See Separate Breakdown in this Section)	
5	1001189995	Ref	Installation, Boom Hydraulic (See Separate Breakdown in this Section)	
6	1001226271	Ref	Installation, Cab Hydraulic (Emergency Steering) (See Separate Breakdown in this Section)	

FIGURE 8-5. BOOM HYDRAULICS INSTALLATION - 74HP

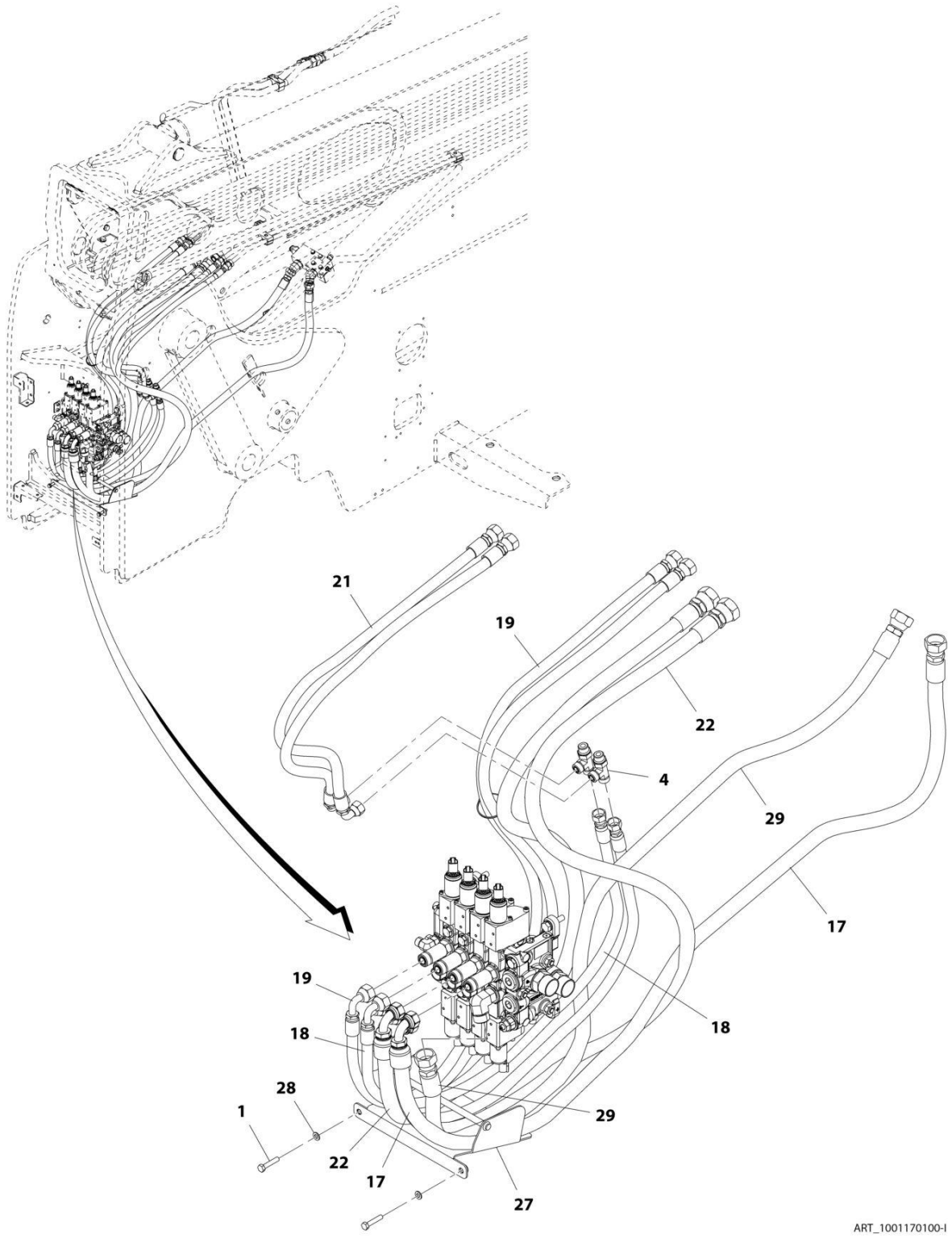


FIGURE 8-5. BOOM HYDRAULICS INSTALLATION - 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170100	Ref	Boom Hydraulic Installation, Emergency Steering	I
1	0700816	2	Bolt, M8X40	
4	2170308	2	Fitting, Tee ORFS	
17	1001169375	1	Hose	
18	1001188637	2	Hose	
19	1001169378	2	Hose	
21	1001175718	1	Hose	
22	1001169376	2	Hose	
27	1001193771	1	Channel, Boom Hose	
28	4811900	2	Washer, M8	
29	1001195217	1	Hose	

FIGURE 8-6. BOOM HYDRAULICS INSTALLATION - 110HP

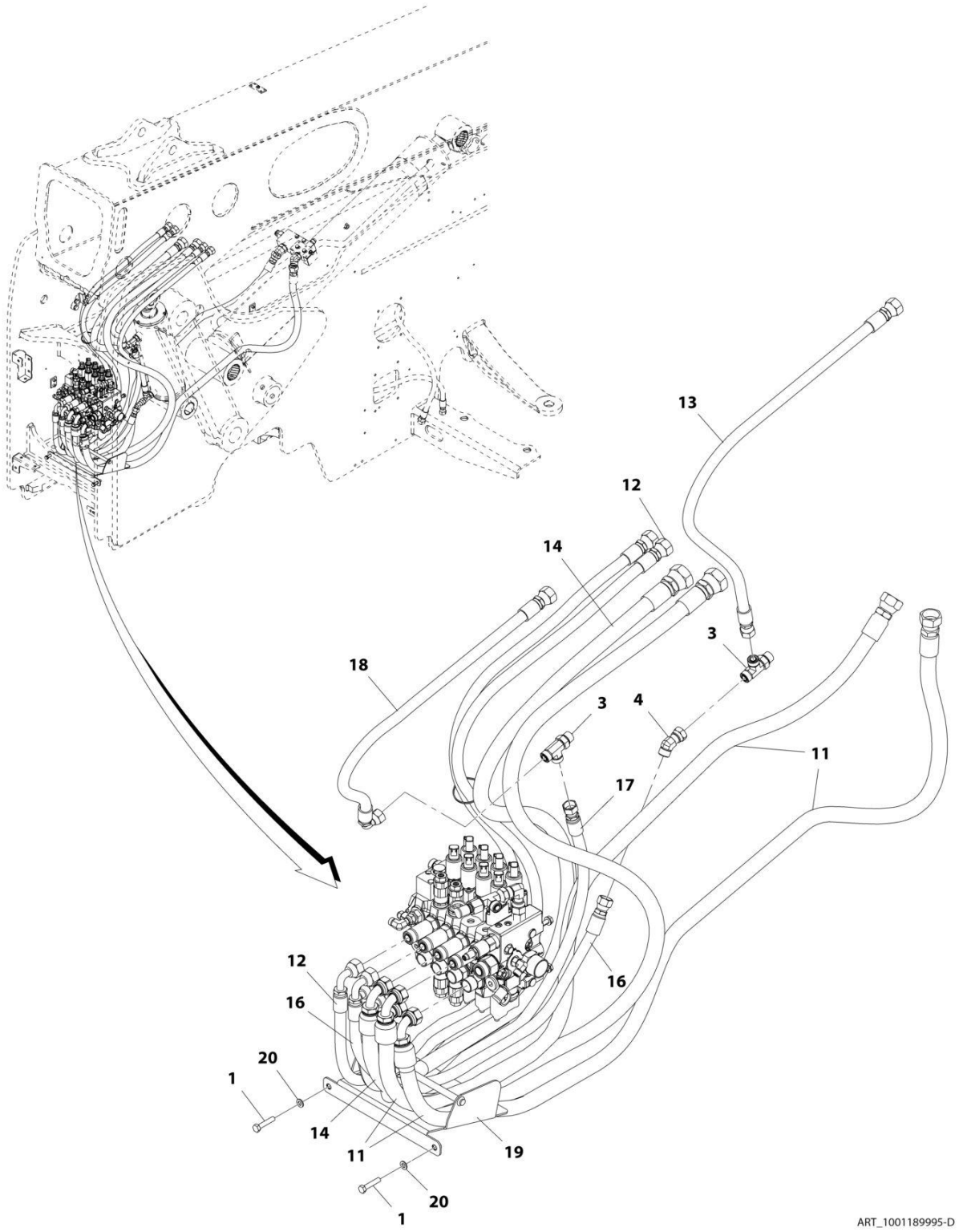


FIGURE 8-6. BOOM HYDRAULICS INSTALLATION - 110HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001189995	Ref	Boom Hydraulic Installation	D
1	0700816	2	Bolt, M8X40	
3	2170308	2	Fitting, Tee ORFS	
4	2221231	1	Fitting, 45 ORFS	
11	1001169375	2	Hose	
12	1001169378	2	Hose	
13	1001203963	1	Hose	
14	1001169376	2	Hose	
16	1001203944	1	Hose	
17	1001203954	1	Hose	
18	1001203967	1	Hose	
19	1001193771	1	Channel, Boom Hose	
20	4811900	2	Washer, M8	

FIGURE 8-7. BOOM AUXILIARY HYDRAULICS INSTALLATION

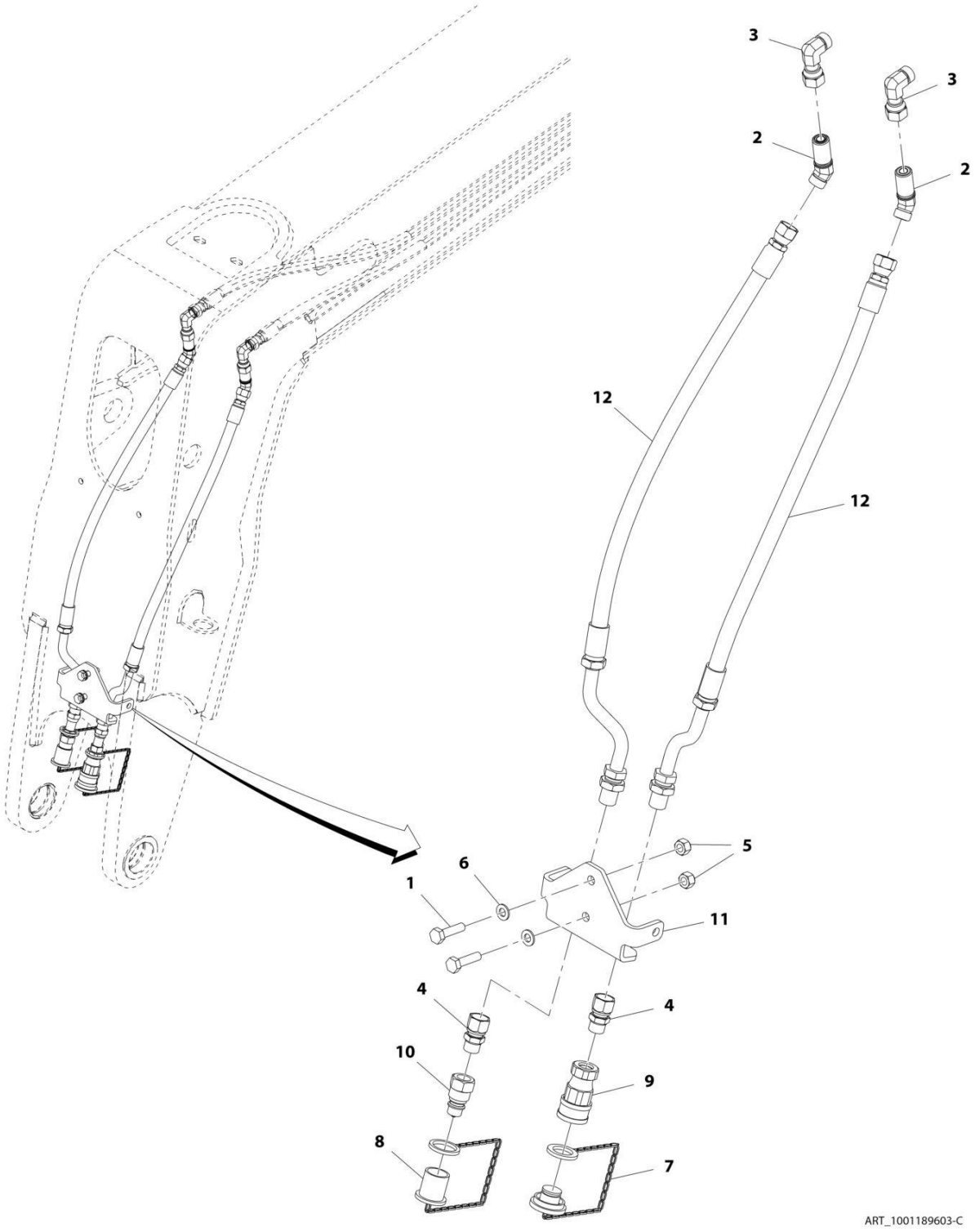


FIGURE 8-7. BOOM AUXILIARY HYDRAULICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001189603	Ref	Boom Auxiliary Hydraulics Installation	C
1	0701016	2	Bolt, M10X40	
2	2171308	2	Fitting, 45 ORFS	
3	2172108	2	Fitting, 90 ORFS	
4	1001210775	2	Fitting, Straight	
5	3291005	2	Bolt, M10X1.5	
6	4812000	2	Washer, M10	
7	91043125	1	Plug	
8	91043126	1	Cap	
9	91403413	1	Fitting, Straight	
10	91403414	1	Fitting, Straight	
11	1001164948	1	Bracket	
12	1001189217	2	Hose	

FIGURE 8-8. BOOM AUXILIARY HYDRAULICS INSTALLATION (SIDE MOUNTED)

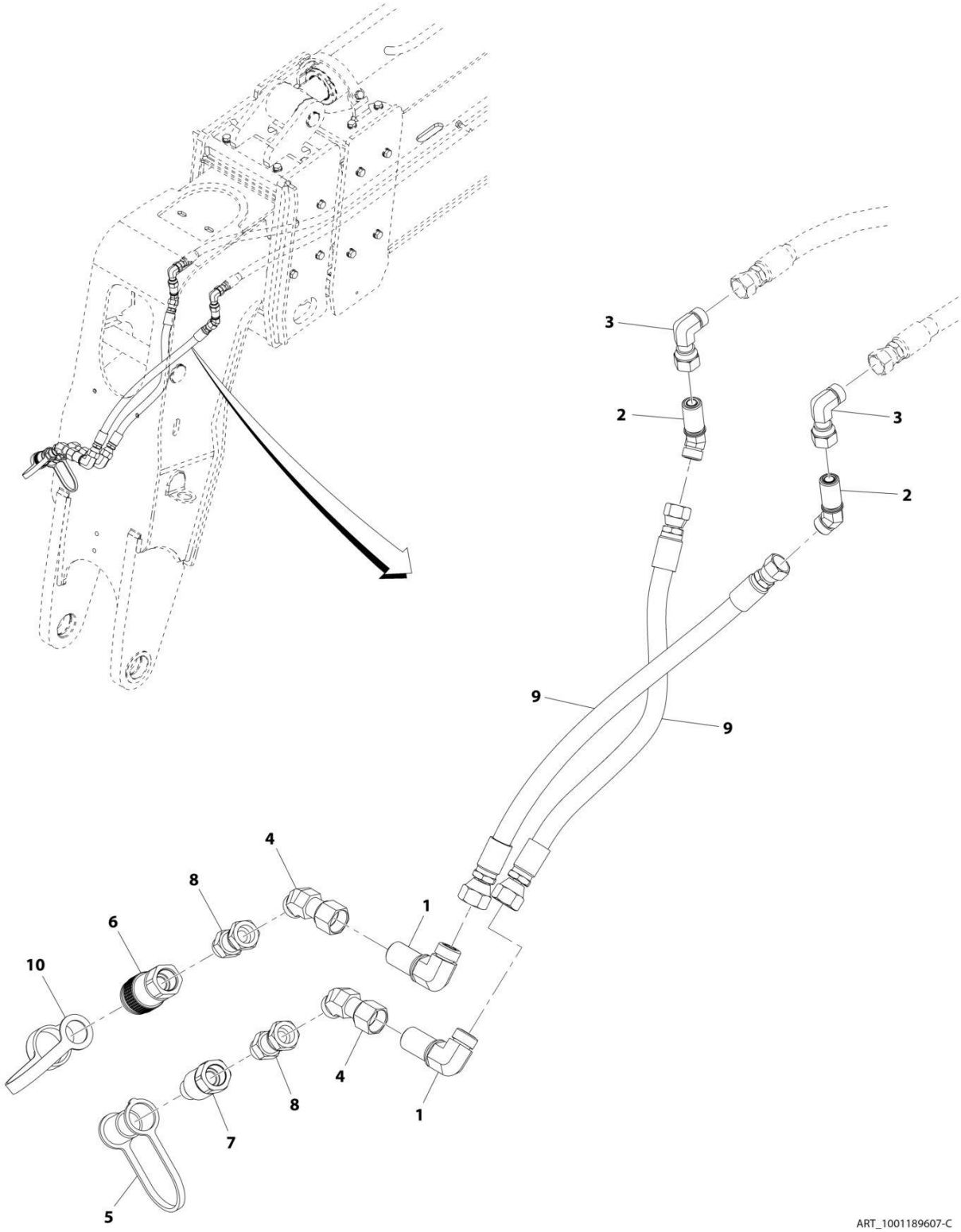


FIGURE 8-8. BOOM AUXILIARY HYDRAULICS INSTALLATION (SIDE MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001189607	Ref	Boom Auxiliary Hydraulics (Side Mounted)	C
1	2171210	2	Fitting, 90	
2	2171308	2	Fitting, 45 ORFS	
3	2172108	2	Fitting, 90 ORFS	
4	2172310	2	Fitting, 45 ORFS	
5	8420053	1	Cap, Dust	
6	1001001240	1	Fitting, Straight	
7	1001001241	1	Fitting, Straight	
8	1001001556	2	Fitting, Straight ORFS	
9	1001189310	2	Hose	
10	1001001557	1	Plug, Dust	

FIGURE 8-9. BOOM AUXILIARY HYDRAULICS INSTALLATION (HYDRAULIC COUPLER)

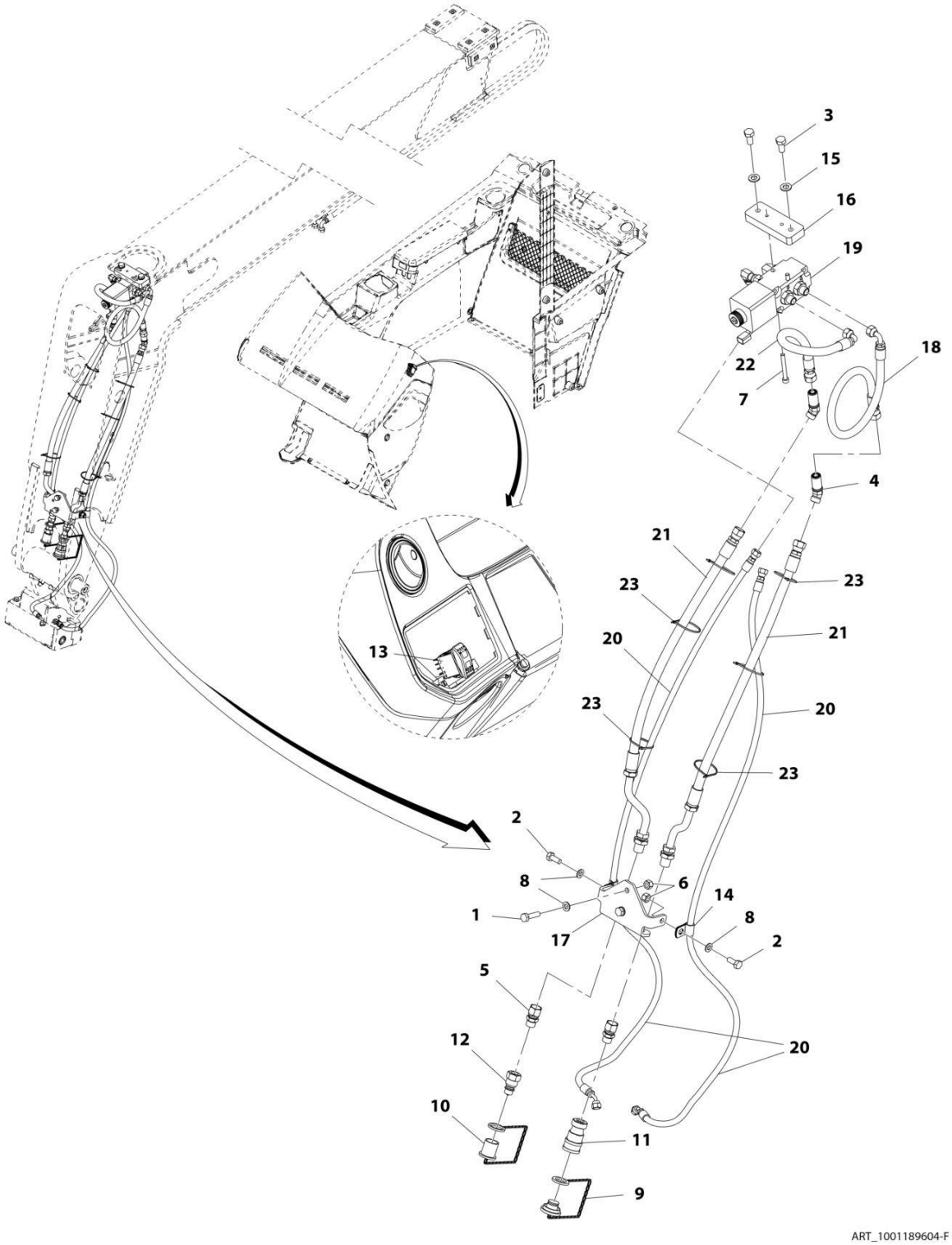


FIGURE 8-9. BOOM AUXILIARY HYDRAULICS INSTALLATION (HYDRAULIC COUPLER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001189604	Ref	Boom Auxiliary Hydraulics (Hydraulic Coupler)	F
1	0701016	2	Bolt, M10X40	
2	0761012	2	Bolt, M10X25	
3	0761212	2	Bolt, M12X25	
4	2171308	2	Fitting, 45 ORFS	
5	1001210775	2	Fitting, Straight	
6	3291005	4	Nut, Lock M10X1.5	
7	4031918	2	Bolt, M8X70	
8	4812000	4	Washer, M10	
9	91043125	1	Plug	
10	91043126	1	Cap	
11	91403413	1	Fitting, Straight	
12	91403414	1	Fitting, Straight	
13	1001080375	1	Switch, Quick Coupler	
14	1001080996	2	Clamp	
15	1001125117	2	Washer, M12	
16	1001164870	1	Plate, Valve Attachment	
17	1001164948	1	Bracket	
18	1001189308	1	Hose	
19	1001197182	1	Assembly, Valve Quick Coupler (See Separate Breakdown in this Section)	
20	1001210348	2	Hose	
21	1001189217	2	Hose	
22	1001189299	1	Hose	
23	4240099	6	Strap, Tie	

FIGURE 8-10. BOOM AUXILIARY VALVE & FITTINGS ASSEMBLY (HYDRAULIC COUPLER)

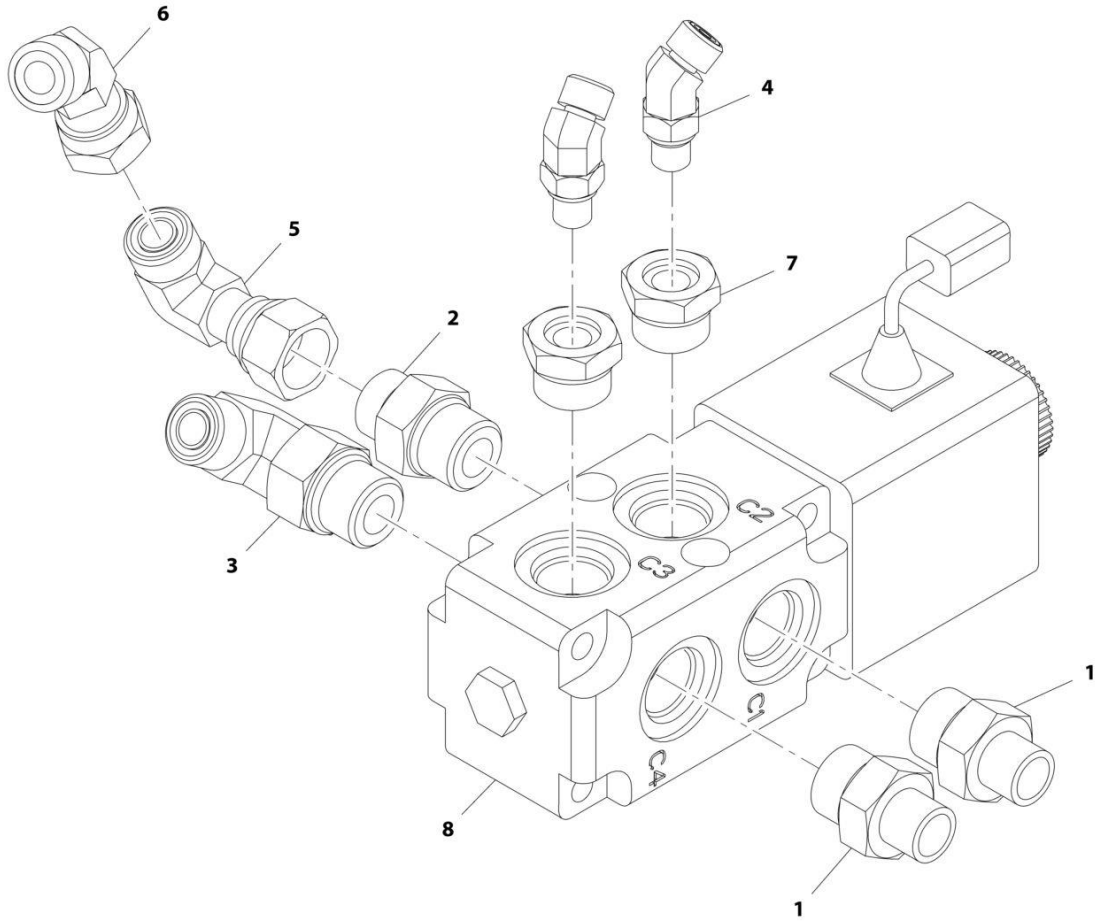


FIGURE 8-10. BOOM AUXILIARY VALVE & FITTINGS ASSEMBLY (HYDRAULIC COUPLER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197182	Ref	Quick Coupler Valve Assembly	B
1	2110610	2	Fitting, Straight	
2	2110810	1	Fitting, Straight	
3	2130810	1	Fitting, 90 ORFS	
4	2150404	2	Fitting, 45 ORFS	
5	2172108	1	Fitting, 90 ORFS	
6	2221231	1	Fitting, 45 ORFS	
7	1001001568	2	Reducer	
8	1001104477	1	Valve, Quick Coupler (See Separate Breakdown in Hydraulic Components Section)	

FIGURE 8-11. BOOM TUBES INSTALLATION

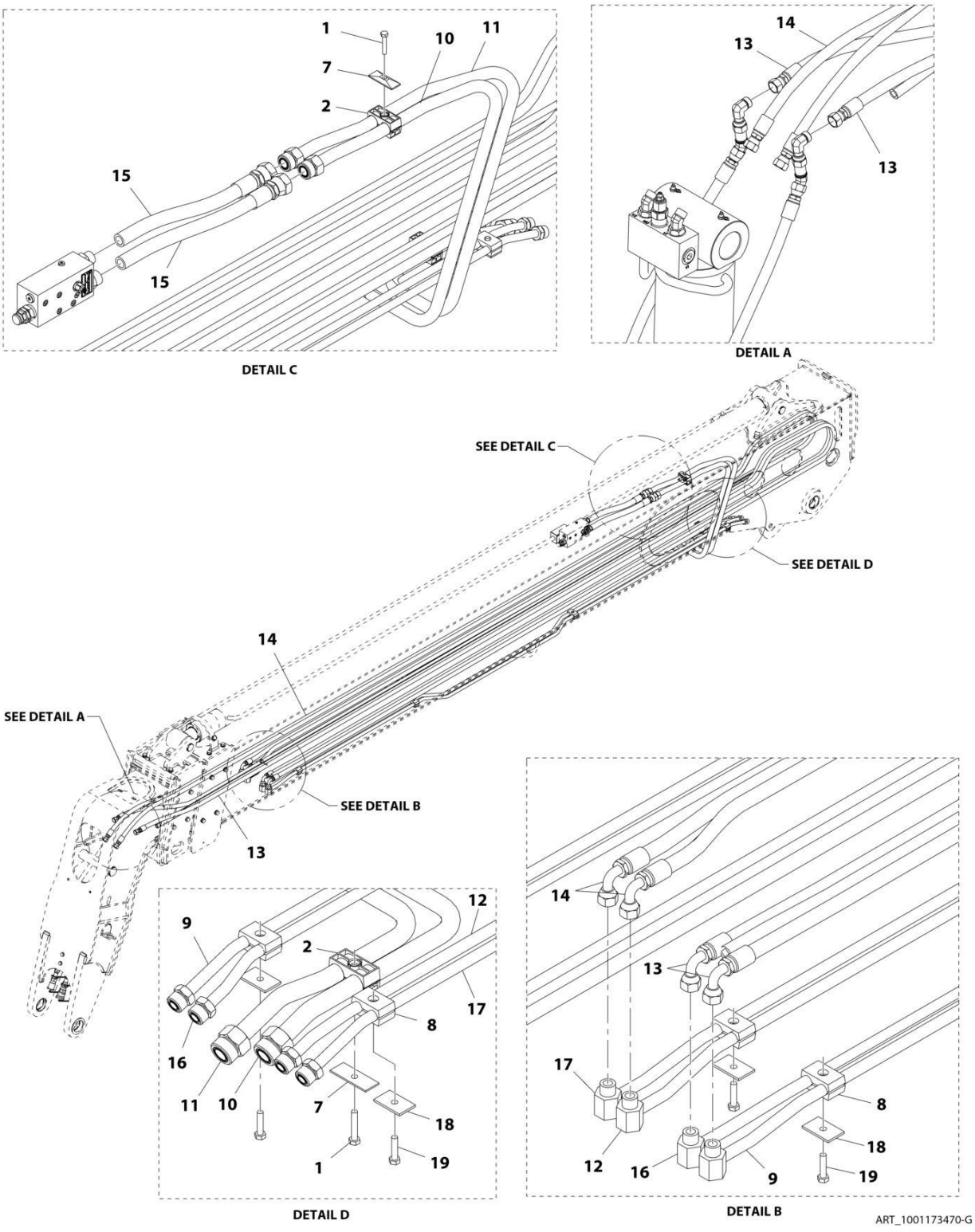


FIGURE 8-11. BOOM TUBES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173470	Ref	Boom Hydraulic Tubes Installation	G
1	0700817	2	Bolt, M8X45	
2	1321329	2	Clamp	
7	77133137	2	Plate, Cover	
8	77133139	8	Clamp	
9	1001162339	1	Tube	
10	1001162343	1	Tube	
11	1001162344	1	Tube	
12	1001162346	1	Tube	
13	1001163072	1	Hose	
14	1001163073	1	Hose	
15	1001170549	2	Hose	
16	1001173956	1	Tube	
17	1001173957	1	Tube	
18	77133140	8	Plate, Cover	
19	0760815	8	Bolt, M8X35	

FIGURE 8-12. CAB HYDRAULICS INSTALLATION - 74HP

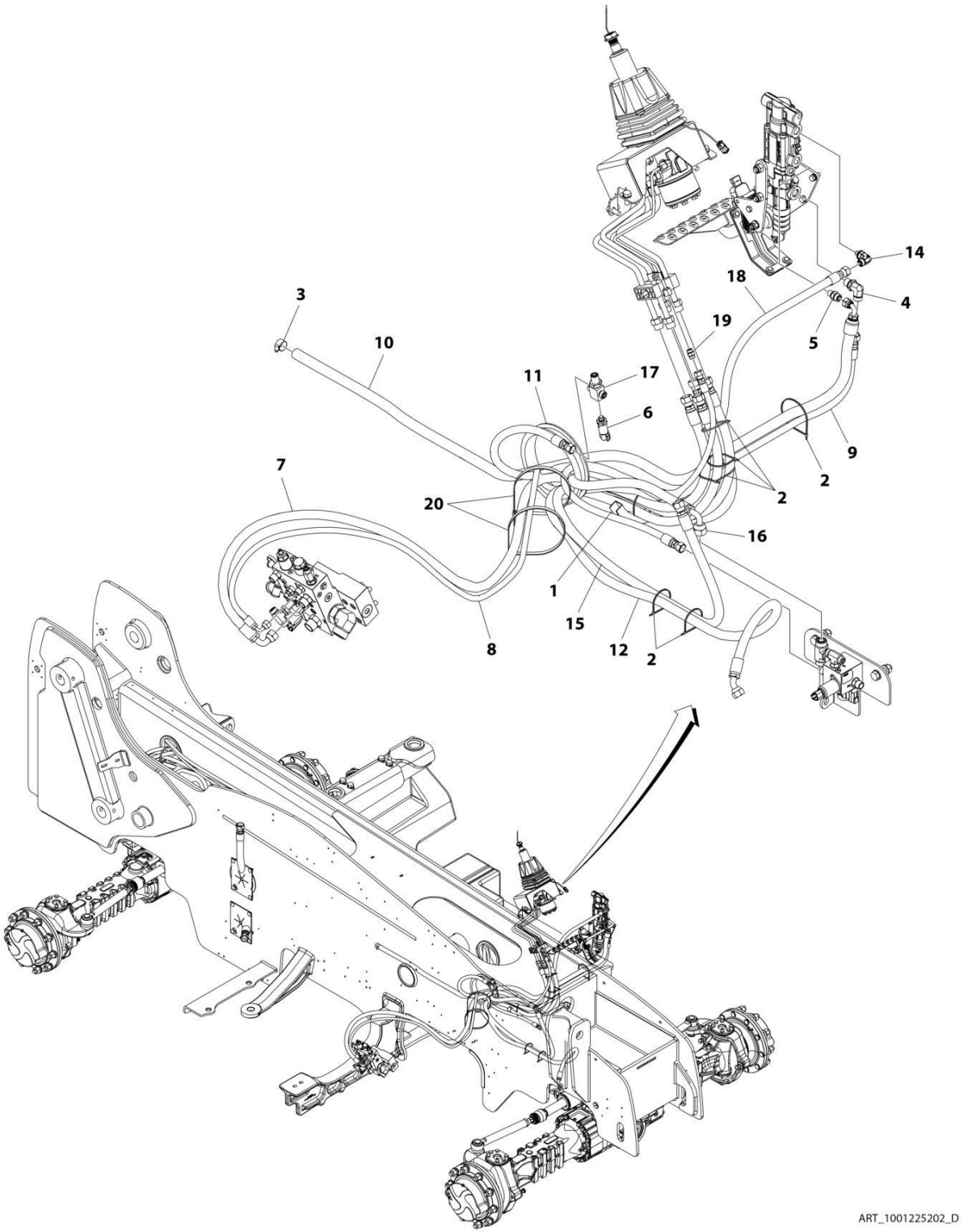


FIGURE 8-12. CAB HYDRAULICS INSTALLATION - 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225202	Ref	Cab Hydraulic Installation	D
1	4060919	230 mm	Trim, Hose Protection	
2	4240099	AR	Strap, Tie	
3	8405006	1	Clamp, Gear	
4	8770120	1	Fitting, 90 ORFS	
5	80233218	1	Fitting, Straight ORFS	
6	1001147340	1	Sensor, Pressure Transducer	
7	1001253154	1	Hose	
8	1001253097	1	Hose	
9	1001253103	1	Hose	
10	1001161528	1	Hose	
11	1001169830	1	Grommet	
12	1001177256	1	Hose	
14	1001202962	1	Fitting, 90 ORFS	
15	1001204152	1	Hose	
16	1001253156	1	Hose	
17	1001205756	1	Fitting, Tee	
18	1001222088	1	Hose	
19	1001143857	1	Fitting, Straight ORFS	
20	1001158298	2	Strap, Tie	

FIGURE 8-13. CAB HYDRAULICS INSTALLATION - 74HP (EMERGENCY STEERING)

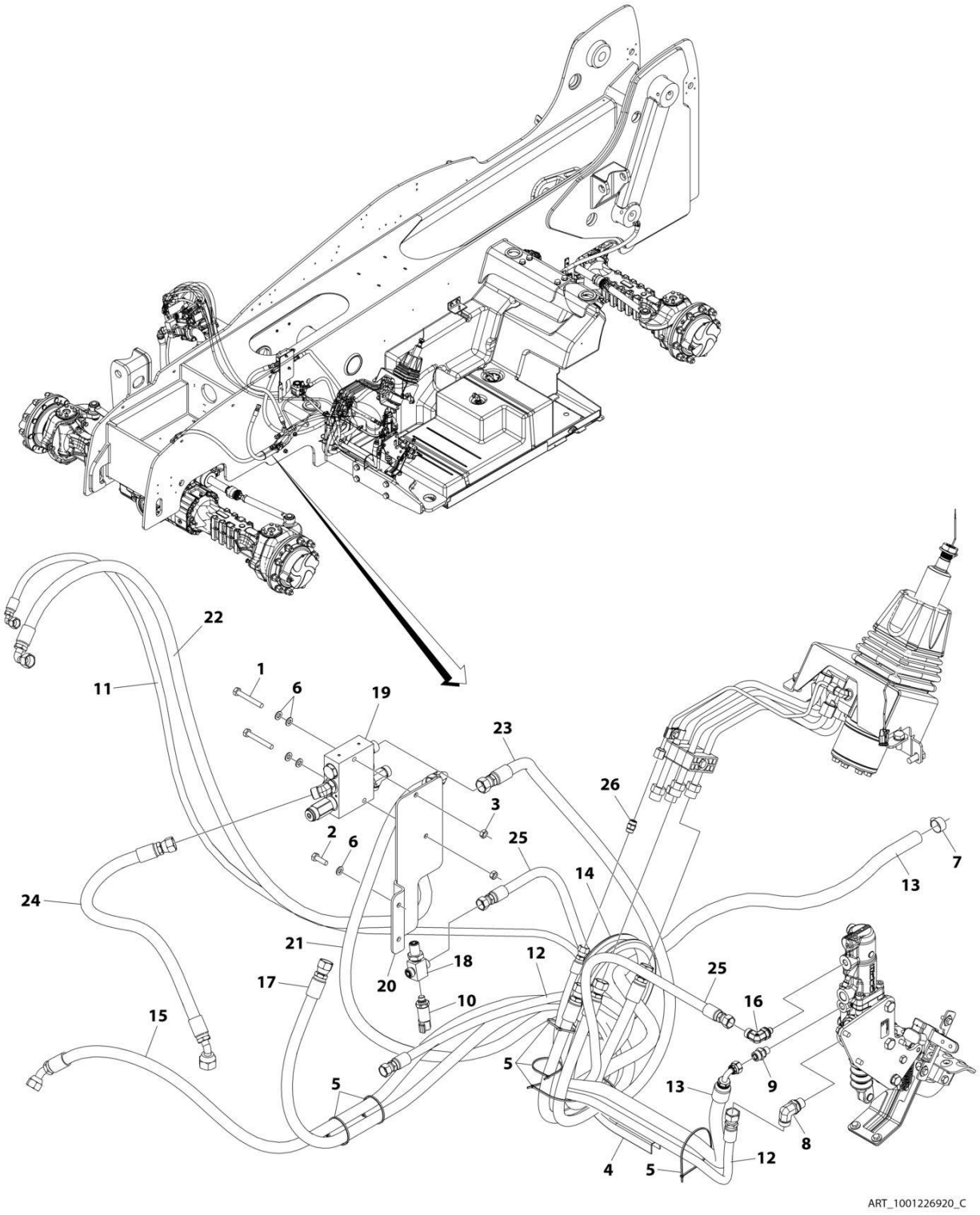


FIGURE 8-13. CAB HYDRAULICS INSTALLATION - 74HP (EMERGENCY STEERING)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226920	Ref	Cab Hydraulic Installation Emergency Steering	C
1	0700820	2	Bolt, M8X60	
2	0760812	2	Bolt, M8X25	
3	3290801	2	Nut, M8X1.25	
4	4060919	230 mm	Trim, Hose Protection	
5	4240099	AR	Tie, Wire	
6	4811900	6	Washer, M8	
7	8405006	1	Clamp, Gear	
8	8770120	1	Fitting, 90 ORFS	
9	80233218	1	Fitting, Straight ORFS	
10	1001147340	1	Sensor, Pressure Transducer	
11	1001253097	1	Hose	
12	1001253103	1	Hose	
13	1001161528	1	Hose	
14	1001169830	1	Grommet	
15	1001177256	1	Hose	
16	1001202962	1	Fitting, 90 ORFS	
17	1001204152	1	Hose	
18	1001205756	1	Adapter	
19	1001219191	1	Installation, Emergency Steering Manifold (See Separate Breakdown in this Section)	
20	1001221520	1	Bracket	
21	1001221527	1	Hose	
22	1001253158	1	Hose	
23	1001221742	1	Hose	
24	1001253155	1	Hose	
25	1001222088	1	Hose	
26	1001143857	1	Fitting, Straight ORFS	

FIGURE 8-14. CAB HYDRAULICS INSTALLATION - 110HP

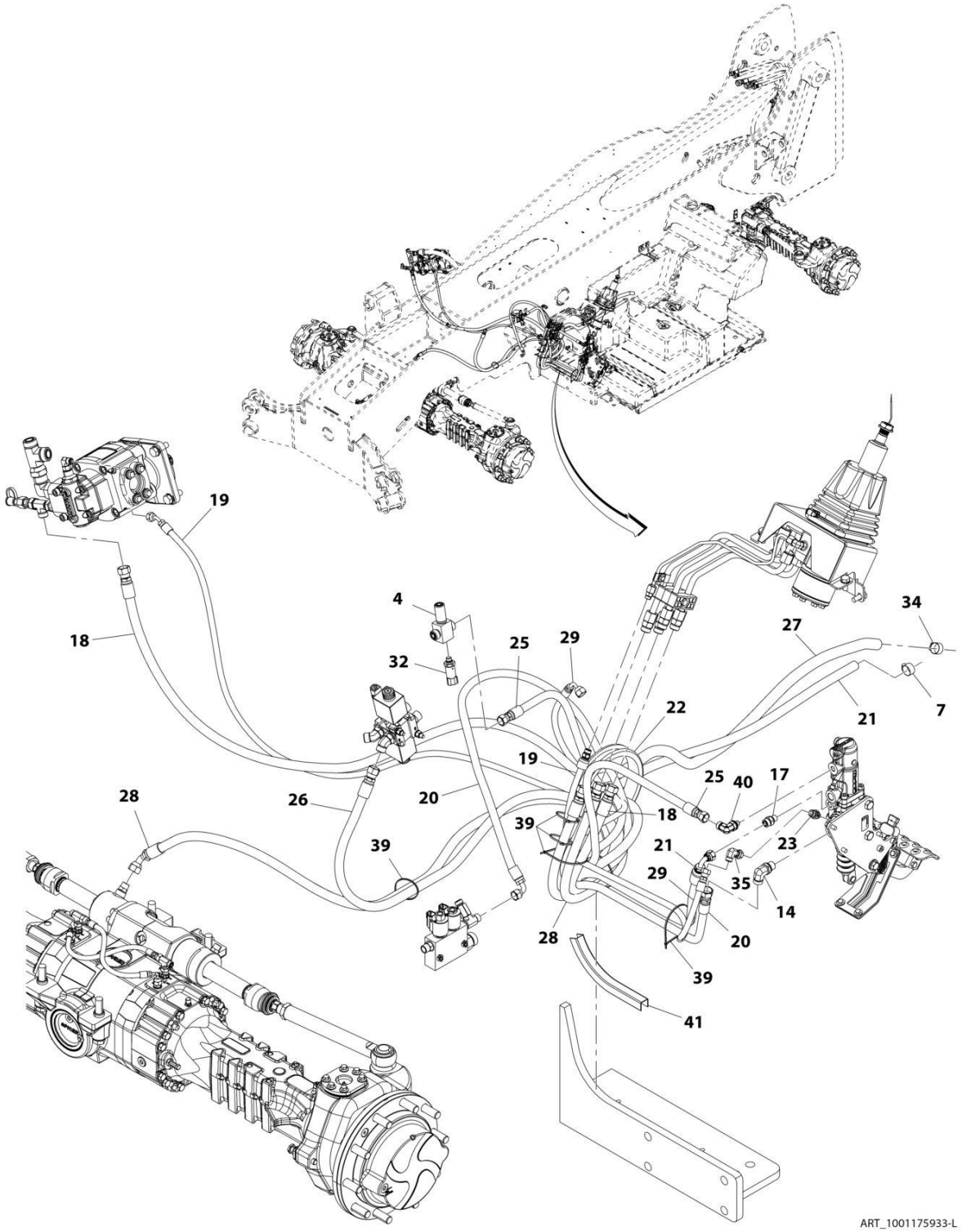


FIGURE 8-14. CAB HYDRAULICS INSTALLATION - 110HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175933	Ref	Cab Hydraulic Installation	L
4	1001205756	1	Fitting, Tee	
7	8405006	1	Clamp, Gear	
14	8770120	1	Fitting, 90 ORFS	
17	80233218	1	Fitting, Straight ORFS	
18	1001188438	1	Hose	
19	1001209710	1	Hose	
20	1001186912	1	Hose	
21	1001161528	1	Hose	
22	1001169830	1	Grommet	
23	1001184418	1	Valve, Check	
25	1001222088	1	Hose	
26	1001204152	1	Hose	
27	1001187850	1	Hose	
28	1001177256	1	Hose	
29	1001175934	1	Hose	
32	1001147340	1	Sensor, Pressure Transducer	
34	8410009	1	Clamp, Gear	
35	2172104	1	Fitting, 90 ORFS	
39	4240099	AR	Strap, Tie	
40	1001202962	1	Fitting, 90 ORFS	
41	4060919	230 mm	Trim, Hose Protection	

FIGURE 8-15. CAB HYDRAULICS INSTALLATION - 110HP (EMERGENCY STEERING)

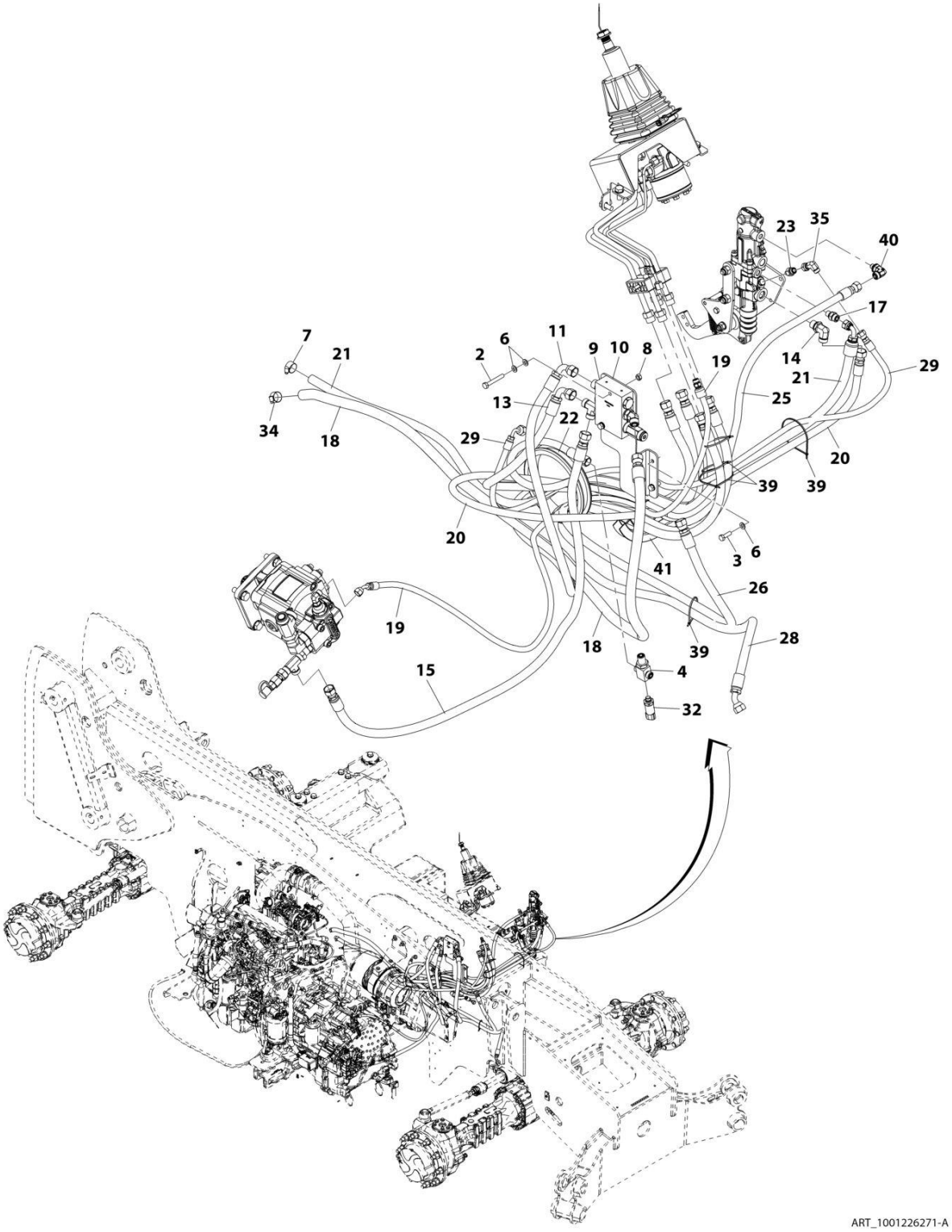


FIGURE 8-15. CAB HYDRAULICS INSTALLATION - 110HP (EMERGENCY STEERING)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226271	Ref	Cab Hydraulic Installation (Emergency Steering)	A
2	0700819	2	Bolt, M8X55	
3	0760812	2	Bolt, M8X25	
4	1001205756	1	Adapter	
6	4811900	6	Washer, M8	
7	8405006	1	Clamp, Gear	
8	3290801	2	Nut, M8X1.25	
9	1001219191	1	Install, Emergency Steering Manifold (See Separate Breakdown in this Section)	
10	1001221520	1	Bracket	
11	1001221527	1	Hose	
13	1001222090	1	Hose	
14	8770120	1	Fitting, 90 ORFS	
15	1001222132	1	Hose	
17	80233218	1	Fitting, Straight ORFS	
18	1001222158	1	Hose	
19	1001209710	1	Hose	
20	1001186912	1	Hose	
21	1001161528	1	Hose	
22	1001169830	1	Grommet	
23	1001184418	1	Valve, Check	
25	1001222088	1	Hose	
26	1001204152	1	Hose	
28	1001177256	1	Hose	
29	1001175934	1	Hose	
32	1001147340	1	Sensor, Pressure Transducer	
34	8410009	1	Gear Clamp	
35	2172104	1	Fitting, 90 ORFS	
39	4240099	AR	Tie, Wire	
40	1001202962	1	Fitting, 90 ORFS	
41	4060919	230 mm	Trim, Hose Protection	

FIGURE 8-16. COUNTERBALANCE VALVE INSTALLATION (LIFT - NO RIDE CONTROL) (74HP)

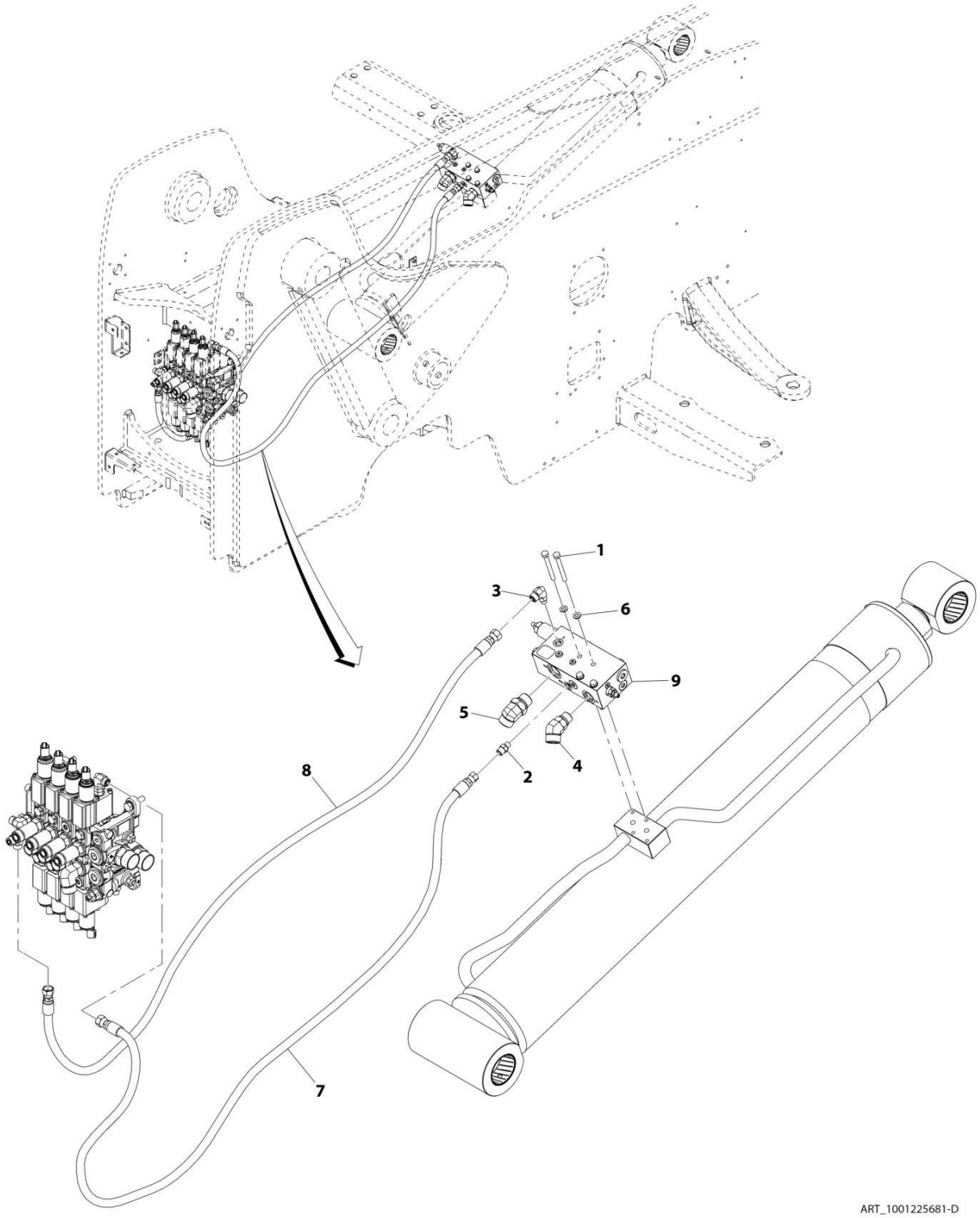


FIGURE 8-16. COUNTERBALANCE VALVE INSTALLATION (LIFT - NO RIDE CONTROL) (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225681	Ref	Counterbalance Valve Installation (Lift - PGLS No Ride Control)	D
1	0700823	4	Bolt, M8X75	
2	2110404	1	Fitting, Straight ORFS	
3	2130604	1	Fitting, 90 ORFS	
4	2151210	1	Fitting, 45 ORFS	
5	2151212	1	Fitting, 45 ORFS	
6	4811900	4	Washer, M8	
7	1001225462	1	Hose	
8	1001225464	1	Hose	
9	1001226035	1	Valve, Counterbalance (Note: Sold as Complete Assembly Only)	
9A	70028453	2	O-Ring (Between Valve & Cylinder) (Not Shown)	

FIGURE 8-17. COUNTERBALANCE VALVE INSTALLATION (LIFT - NO RIDE CONTROL) (110HP)

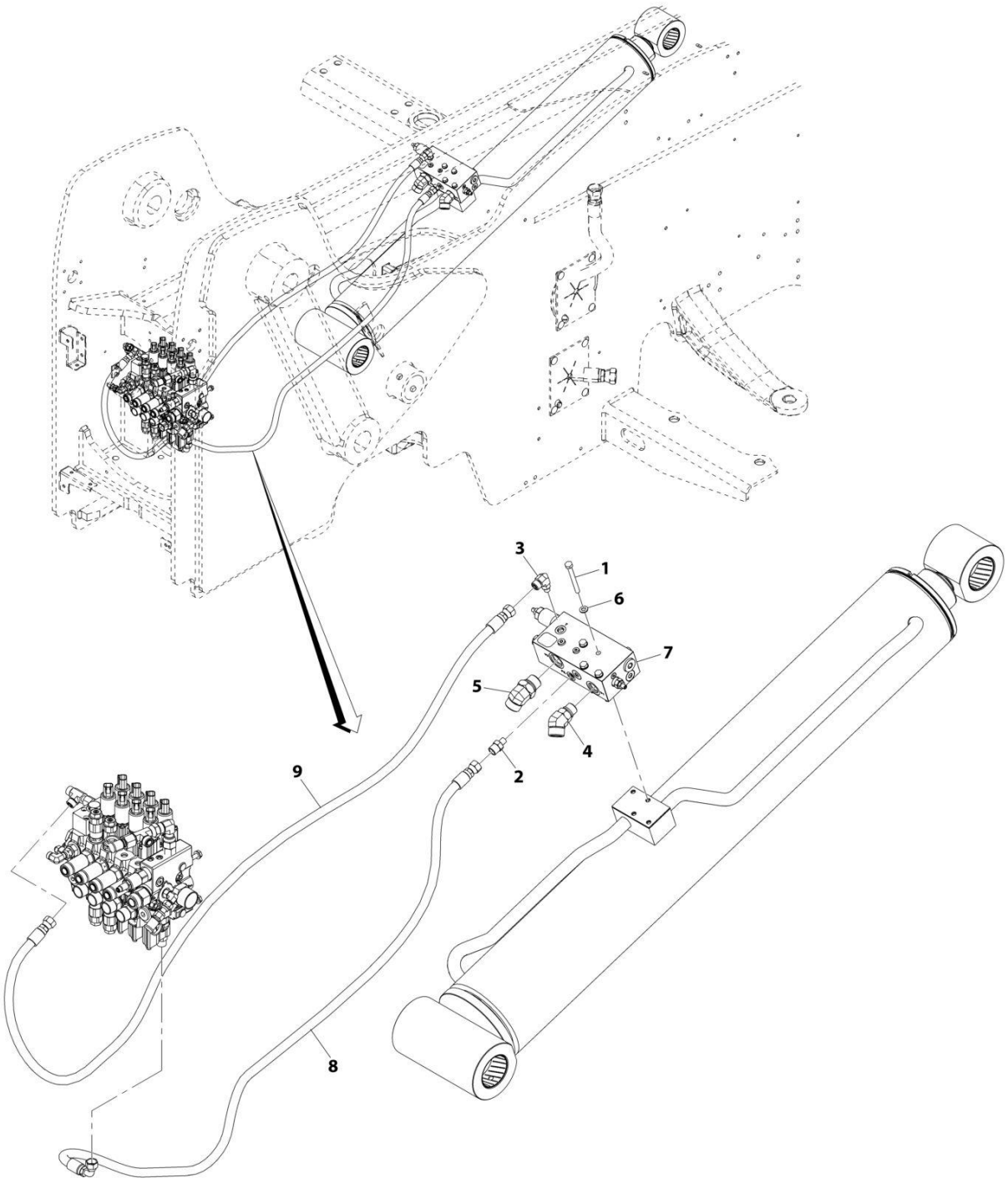


FIGURE 8-17. COUNTERBALANCE VALVE INSTALLATION (LIFT - NO RIDE CONTROL) (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232296	Ref	Counterbalance Valve Installation (Lift - PGLS No Ride Control 110HP)	A
1	0700823	4	Bolt, M8X75	
2	2110604	1	Fitting, Straight ORFS	
3	2130604	1	Fitting, 90 ORFS	
4	2151210	1	Fitting, 45 ORFS	
5	2151212	1	Fitting, 45 ORFS	
6	4811900	4	Washer, M8	
7	1001226035	1	Valve, Counterbalance (PGLS)	
8	1001232294	1	Hose	
9	1001232295	1	Hose	

FIGURE 8-18. COUNTERBALANCE VALVE HYDRAULIC LINES (LIFT - RIDE CONTROL) (74HP)

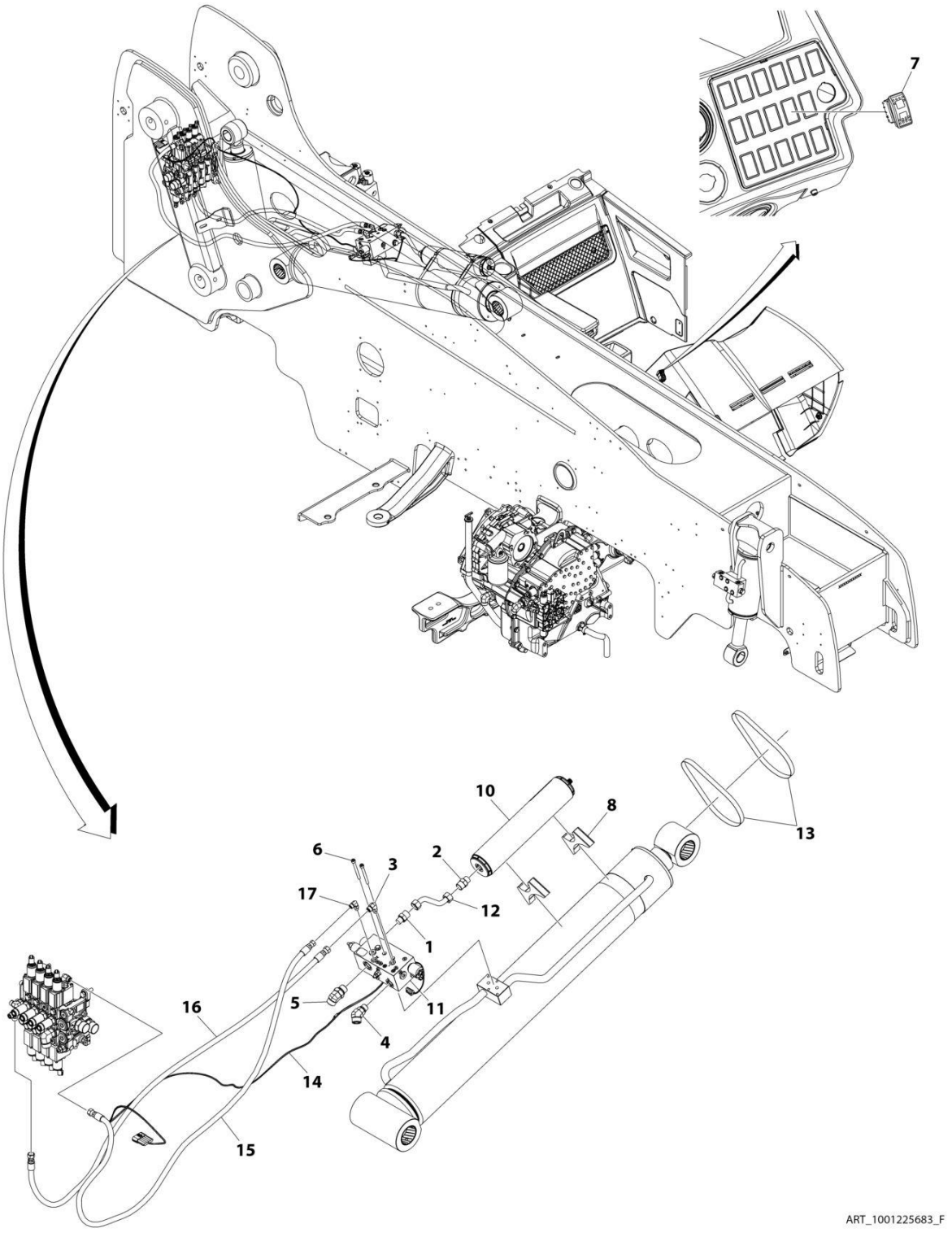


FIGURE 8-18. COUNTERBALANCE VALVE HYDRAULIC LINES (LIFT - RIDE CONTROL) (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225683	Ref	Counterbalance Valve Installation (Lift - PGLS Ride Control)	F
1	2111008	1	Fitting, Straight ORFS	
2	2111010	1	Fitting, Straight ORFS	
3	2130604	1	Fitting, 90 ORFS	
4	2151210	1	Fitting, 45 ORFS	
5	2151212	1	Fitting, 45 ORFS	
6	4031921	4	Bolt, M8X85	
7	1001159745	1	Switch, Boom Ride	
8	1001175740	2	Bumper, Cylinder Saddle	
10	1001192435	1	Cylinder, Piston	
11	1001227056	1	Line, Counterbalance Valve (Lift - Ride Control)	
11	7022390	2	Nut (Attaches Coil to Cartridge)	
11	70028281	2	Coil	
11	70028453	2	O-Ring	
12	1001227137	1	Pipe, Ride Control	
13	1001095396	2	Clamp	
14	1001175676	Ref	Installation, Ride Control CB Valve Harness (Lift) (See Separate Breakdown in Electrical Section)	
15	1001225462	1	Hose	
16	1001225464	1	Hose	
17	2130404	1	Fitting, 90 ORFS	

FIGURE 8-19. COUNTERBALANCE VALVE HYDRAULIC LINES (LIFT - RIDE CONTROL) (110HP)

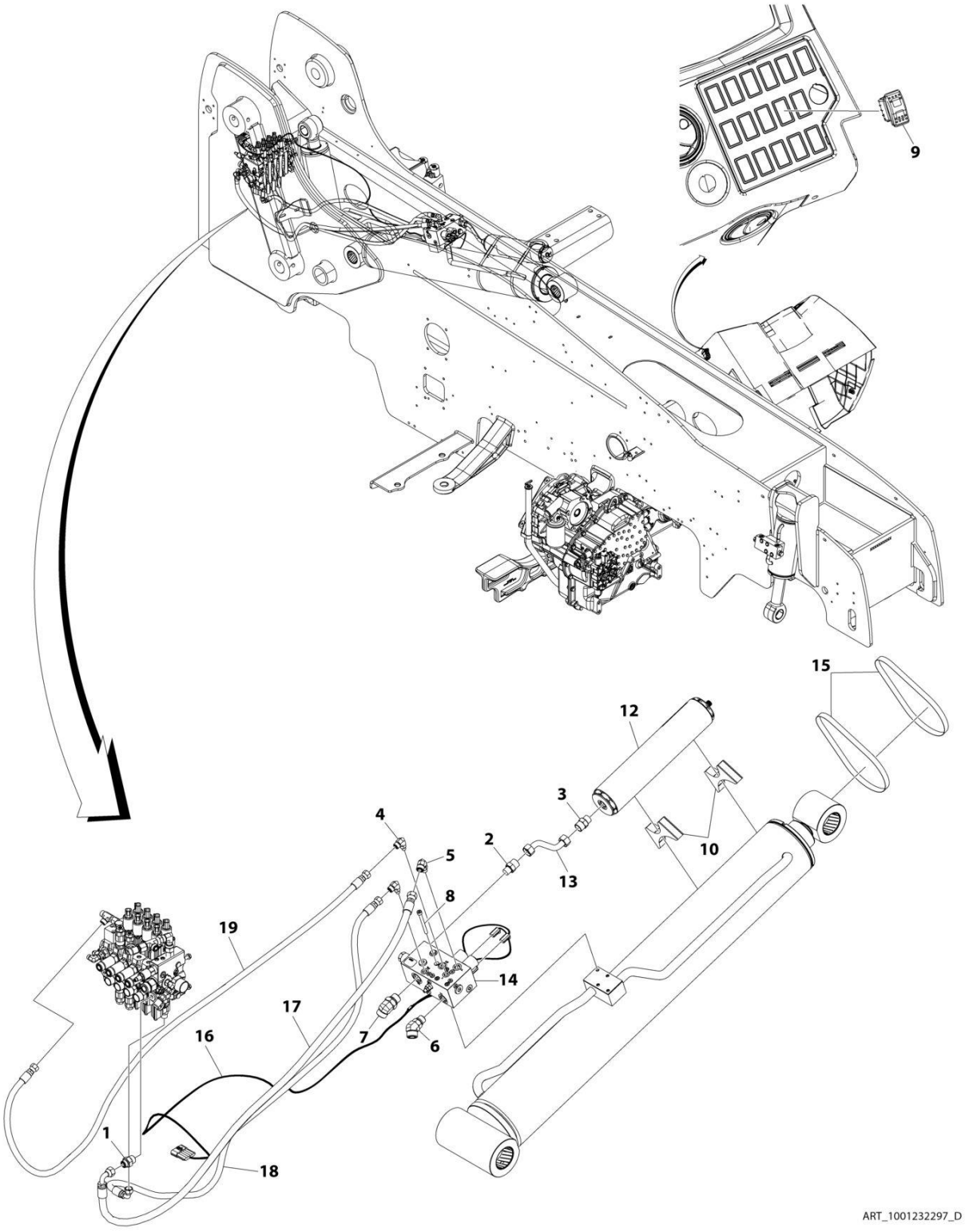
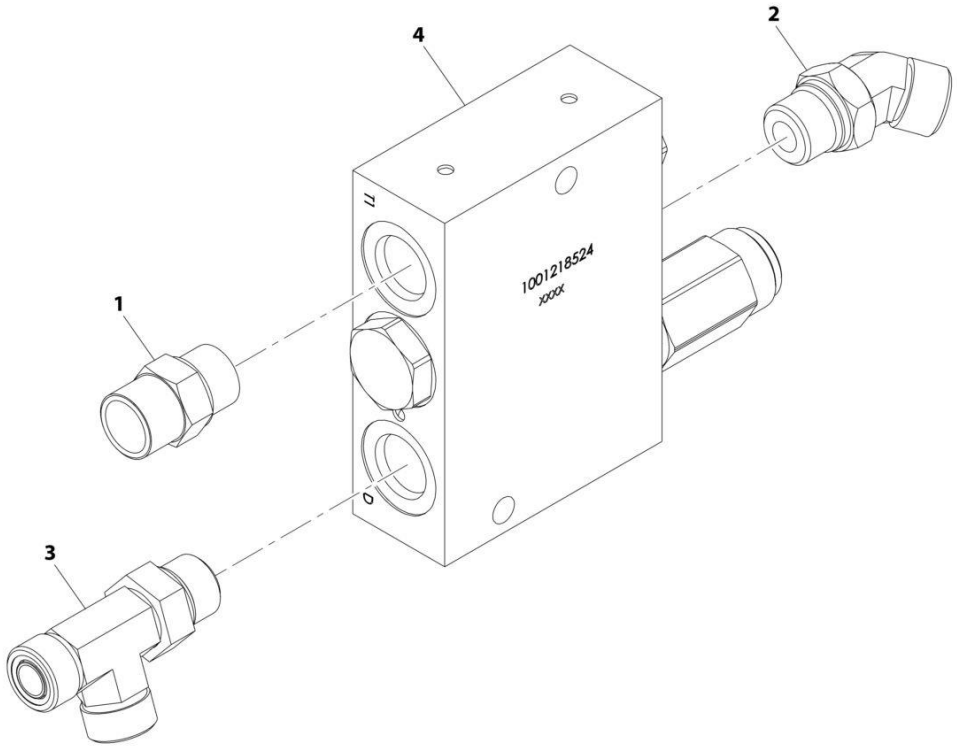


FIGURE 8-19. COUNTERBALANCE VALVE HYDRAULIC LINES (LIFT - RIDE CONTROL) (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232297	Ref	Counterbalance Valve Installation (Lift - PGLS Ride Control 110HP)	D
1	2110810	1	Fitting, Straight ORFS	
2	2111008	1	Fitting, Straight ORFS	
3	2111010	1	Fitting, Straight ORFS	
4	2130604	2	Fitting, 90 ORFS	
5	2130806	1	Fitting, 90 ORFS	
6	2151210	1	Fitting, 45 ORFS	
7	2151212	1	Fitting, 45 ORFS	
8	4031921	4	Bolt, M8X85	
9	1001159745	1	Switch, Boom Ride	
10	1001175740	2	Bumper, Cylinder Saddle	
12	1001192435	1	Cylinder, Piston	
13	1001227137	1	Pipe, Ride Control	
14	1001229685	1	Valve, PGLS W/Intgrated Recovery (Lift - Ride Control)	
14	70028453	2	O-Ring	
14	7022390	2	Nut (Attaches Coil to Cartridge)	
14	70028281	2	Coil	
15	1001095396	2	Clamp	
16	1001175676	Ref	Installation, Ride Control CB Valve Harness (Lift) (See Separate Breakdown in Electrical Section)	
17	1001207283	1	Hose	
18	1001232294	1	Hose	
19	1001232295	1	Hose	

FIGURE 8-20. EMERGENCY STEERING MANIFOLD & FITTINGS ASSEMBLY

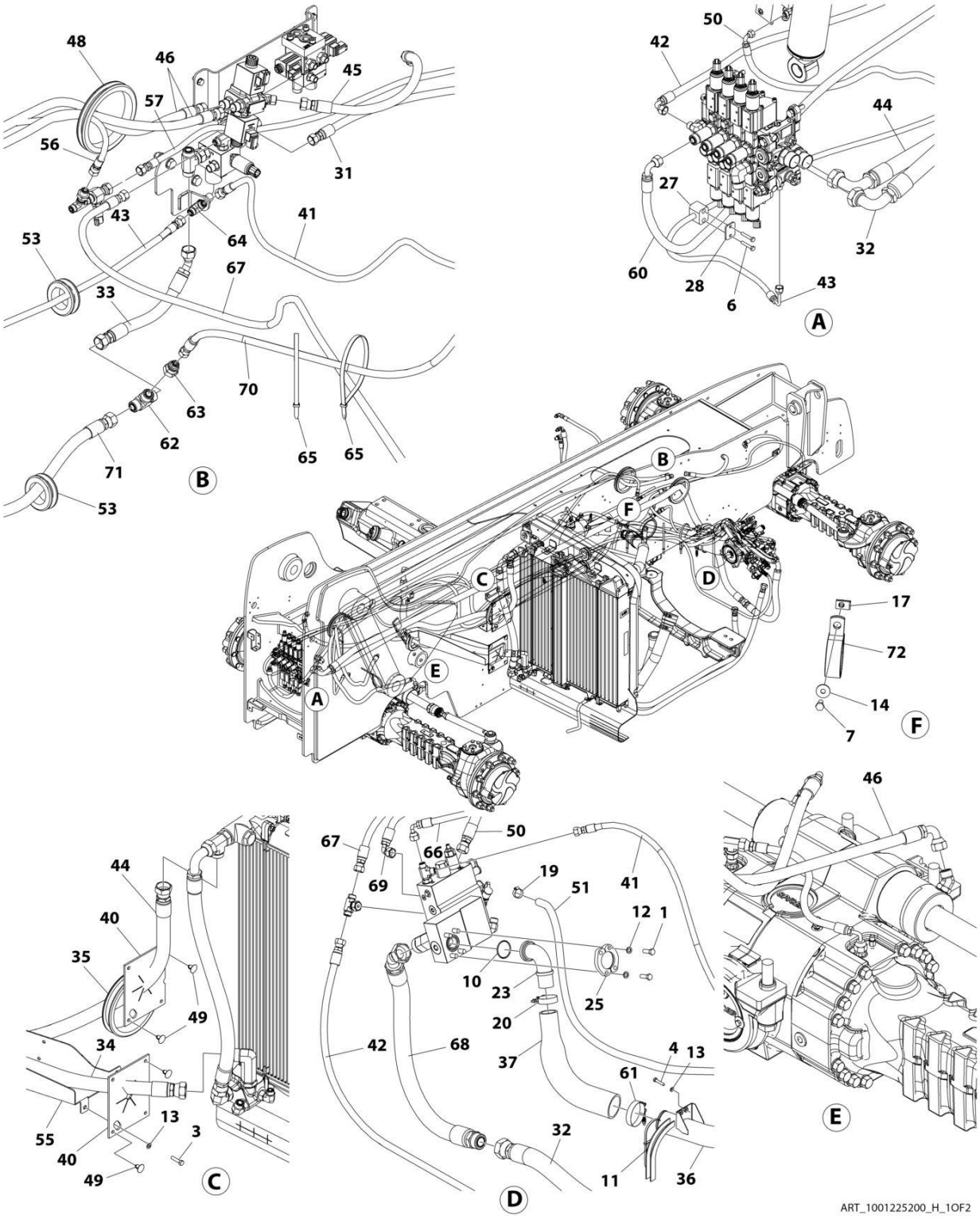


ART_1001219191-A

FIGURE 8-20. EMERGENCY STEERING MANIFOLD & FITTINGS ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219191	Ref	Emergency Steering Manifold	A
1	2110808	1	Fitting, Straight ORFS	
2	2150808	1	Fitting, 45 ORFS	
3	2170308	1	Fitting, Tee ORFS	
4	1001218524	1	Manifold	

FIGURE 8-21. FRAME HYDRAULICS INSTALLATION - 74HP



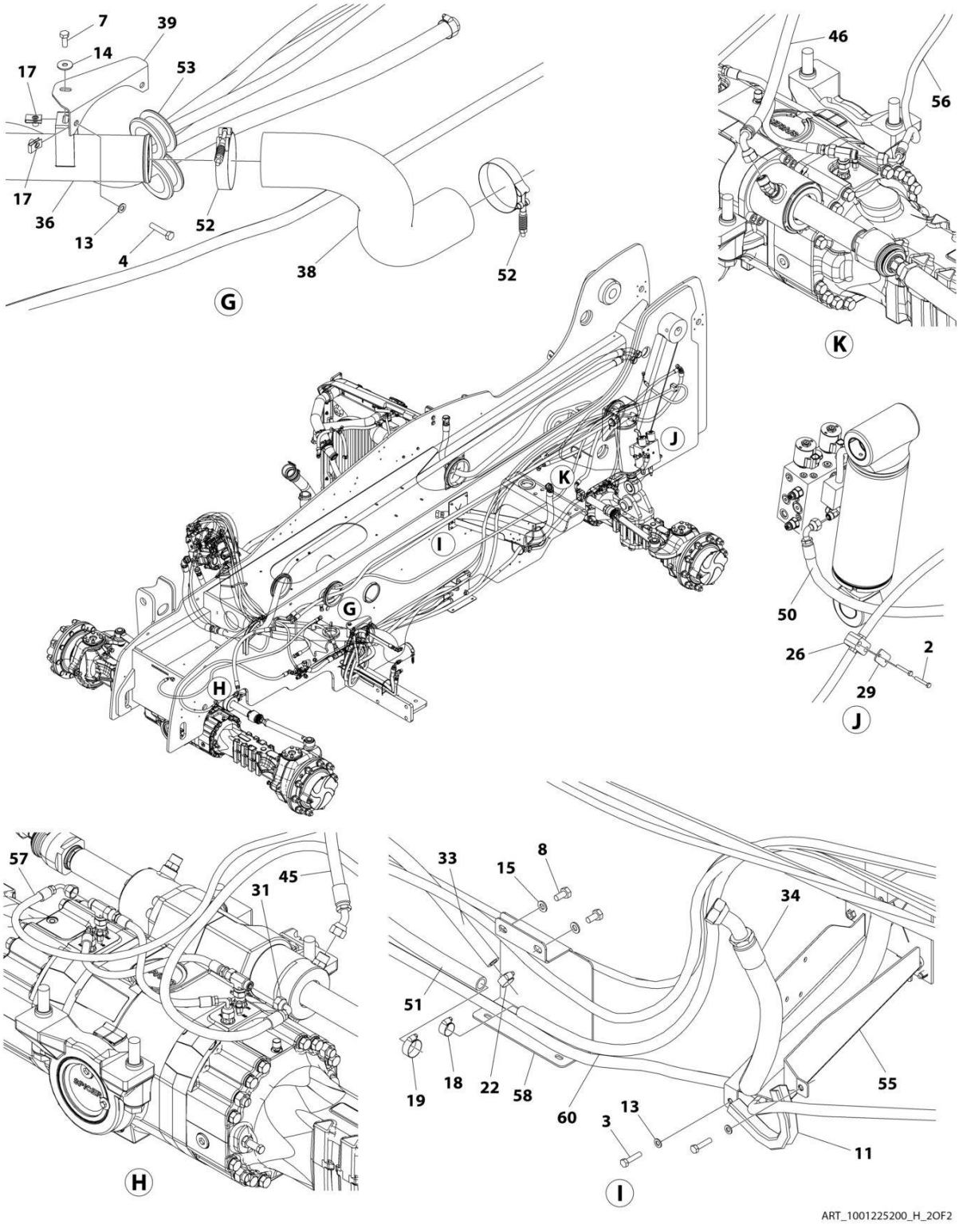
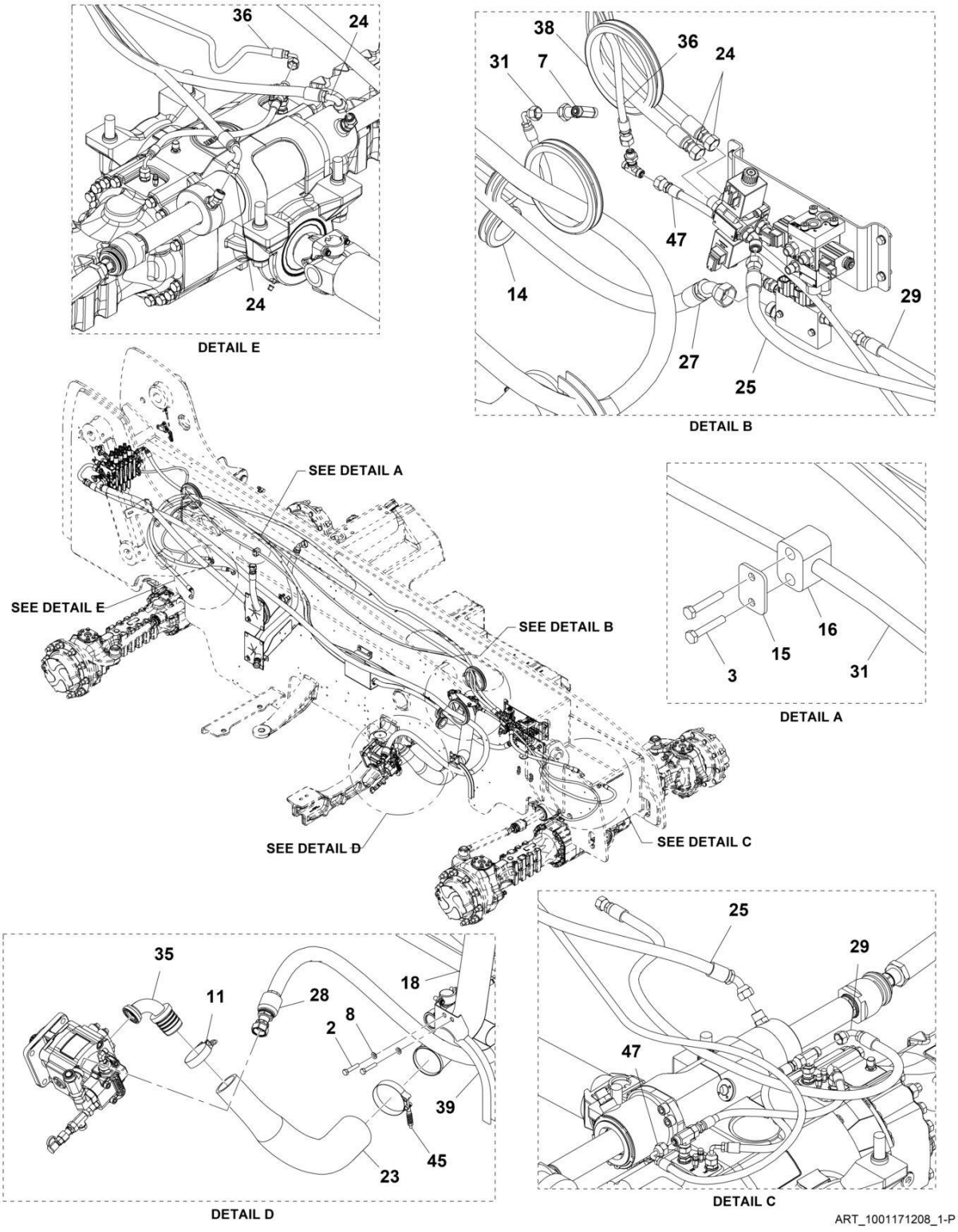

7
39
14
17
53
17
36
13
4
52
38
52
G
46
56
K
J
K
I
G
H
50
26
2
29
J
57
45
31
H
33
15
8
34
51
19
18
22
58
60
3
13
55
11
I
ART_1001225200_H_2OF2

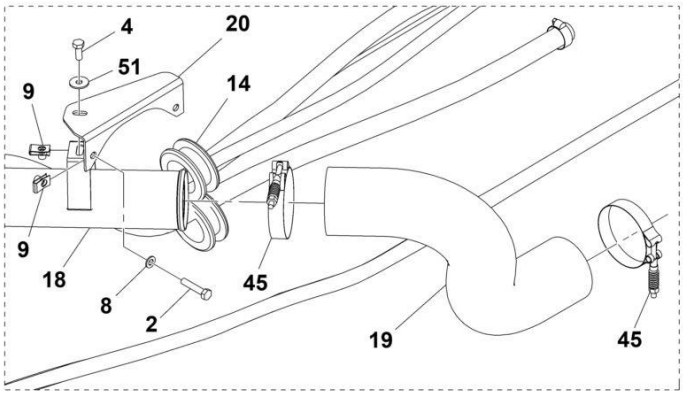
FIGURE 8-21. FRAME HYDRAULICS INSTALLATION - 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225200	Ref	HYDRAULIC LINES INSTALLATION (74HP)	H
1	0641812	4	Bolt 1/2 x 1	
2	0700616	2	Bolt M6 x 40	
3	0700815	4	Bolt M8 x 35	
4	0700816	4	Bolt M8 x 40	
6	0760615	4	Bolt M6 x 35	
7	0760810	2	Bolt M8 x 20	
8	0761010	2	Bolt M10 x 20	
10	3790228	1	O-Ring	
11	4060919	467 mm	Trim	
12	4761800	4	Washer 1/2	
13	4811900	8	Washer M8	
14	4811902	2	Washer M8	
15	4812000	2	Washer M10	
17	8310686	4	Nut, Retainer M8 x 12-1/2	
18	8405006	1	Clamp, Gear	
19	8405007	2	Clamp, Gear	
20	8405209	1	Clamp, T-Bolt	
22	8410009	1	Clamp, Gear	
23	8424233	1	Elbow, 90	
25	8546407	2	Flange, Half	
26	8750029	1	Clamp, Hose	
27	8750030	2	Clamp, Hose	
28	8769146	2	Plate, Cover	
29	8769153	1	Plate, Cover	
31	1001253102	1	Hose	
32	1001253079	1	Hose	
33	1001253078	1	Hose	
34	1001161978	1	Hose	
35	1001169830	1	Grommet	
36	1001173446	1	Pipe	
37	1001173450	1	Hose	
38	1001173451	1	Hose	
39	1001174338	1	Bracket	
40	1001175347	2	Grommet	
41	1001253089	1	Hose	
42	1001253112	1	Hose	
43	1001253099	1	Hose	
44	1001175699	1	Hose	
45	1001177248	1	Hose	
46	1001177273	2	Hose	
48	1001177704	2	Grommet	
49	1001180306	8	Screw	
50	1001253160	1	Hose	
51	1001186418	1	Hose	
52	1001186843	2	Clamp, T-Bolt	
53	1001188971	2	Grommet	
55	1001257763	1	Channel	
56	1001202847	1	Hose	
57	1001203502	1	Hose	

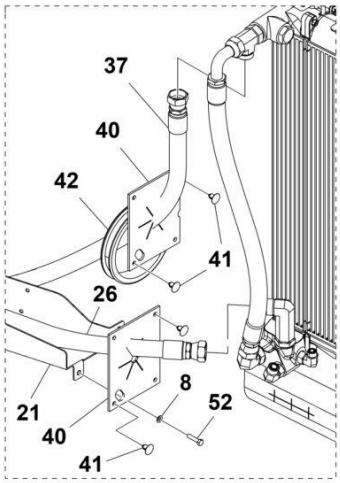
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
58	1001208881	1	Bracket	
60	1001225467	1	Hose	
61	1001232377	1	Clamp	
62	2170510	1	Fitting, Tee ORFS/ORFS/ORFS	
63	2221244	1	Fitting, Straight ORFS/FSORFS	
64	88662434	1	Fitting, Tee ORFS/ORFS/ORFS	
65	1001158298	4	Strap, Tie	
66	1001253086	1	Hose	
67	1001253107	1	Hose	
68	1001259141	1	Hose	
69	1001260572	1	Hose	
70	1001260573	1	Hose	
71	1001260599	1	Hose	
72	1320219	1	Clamp	
73	4060807	1	SHIELD,FLEX TRIM	

FIGURE 8-22. FRAME HYDRAULICS INSTALLATION 110HP

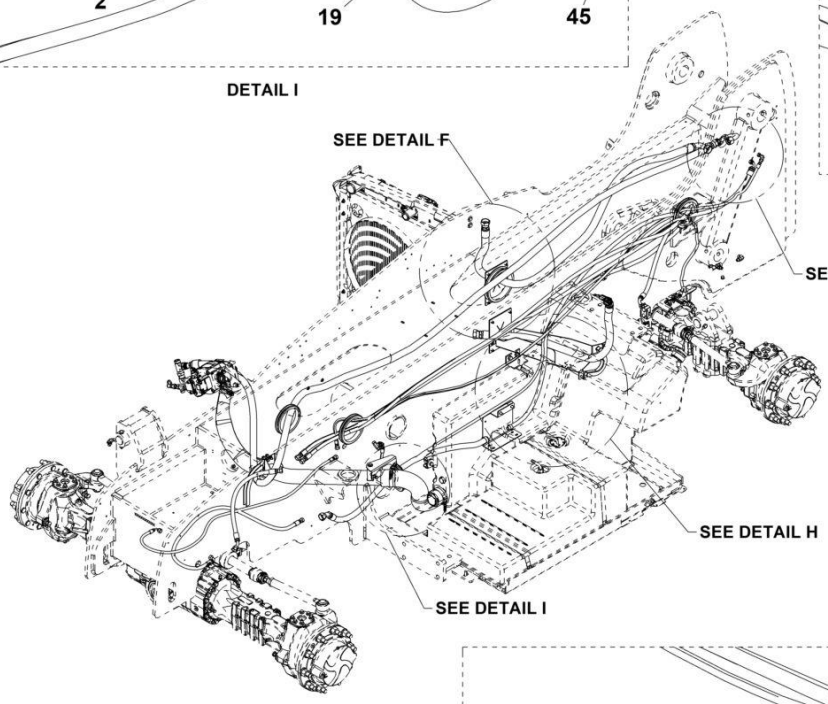


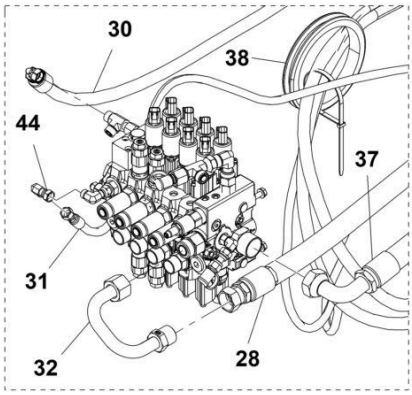


DETAIL I

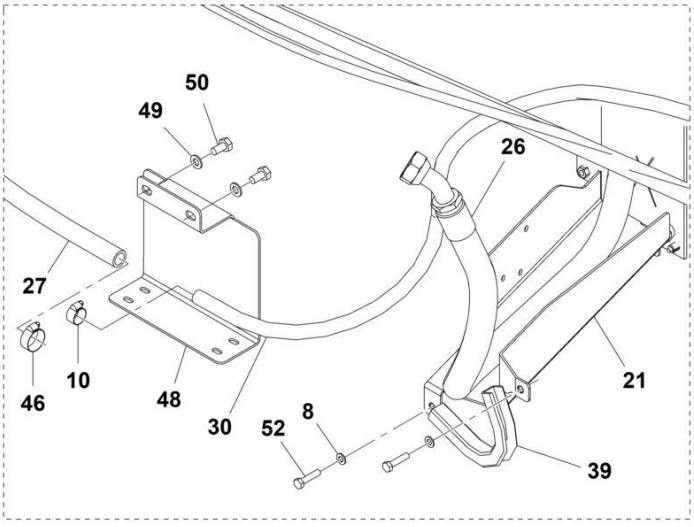


DETAIL F





DETAIL G



DETAIL H

ART_1001171208_2-P

FIGURE 8-22. FRAME HYDRAULICS INSTALLATION 110HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171208	Ref	Hydraulic Lines Installation (110HP)	P
2	0700816	4	Bolt, M8X40	
3	0760615	2	Bolt, M6X35	
4	0760810	1	Bolt, M8X20	
7	2221225	1	Fitting, Tee	
8	4811900	8	Washer	
9	8310686	3	Nut, M8X12.5	
10	8405006	1	Clamp, Gear	
11	8405209	1	Clamp, T-Bolt	
14	1001188971	2	Grommet	
15	8769146	1	Cover, Plate	
16	8750030	1	Clamp, Set	
18	1001173446	1	Pipe	
19	1001173451	1	Hose	
20	1001174338	1	Bracket	
21	1001257763	1	Channel	
23	1001175057	1	Hose	
24	1001177273	2	Hose	
25	1001177248	1	Hose	
26	1001161978	1	Hose	
27	1001295569	1	Hose	
28	1001175997	1	Hose	
29	1001176043	1	Hose	
30	1001231874	1	Hose	
31	1001176124	1	Hose	
32	1001176139	1	Pipe	
35	1001176548	1	Fitting, 90	
36	1001202847	1	Hose	
37	1001175699	1	Hose	
38	1001177704	2	Grommet	
39	4060918	467 mm	Trim	
40	1001175347	2	Grommet	
41	1001180306	8	Screw	
42	1001169830	1	Grommet	
44	2172104	1	Fitting, 90 ORFS	
45	1001186843	3	Clamp, T-Bolt	
46	8405007	1	Clamp, Gear	
47	1001203502	1	Hose	
48	1001208881	1	Bracket	
49	4812000	2	Washer, M10	
50	0761010	2	Bolt, M10X20	
51	4811902	1	Washer, M8	
52	0700815	4	Bolt, M8X35	
54	4060807	482 mm	Flex Trim	

FIGURE 8-23. FRAME LEVEL INSTALLATION

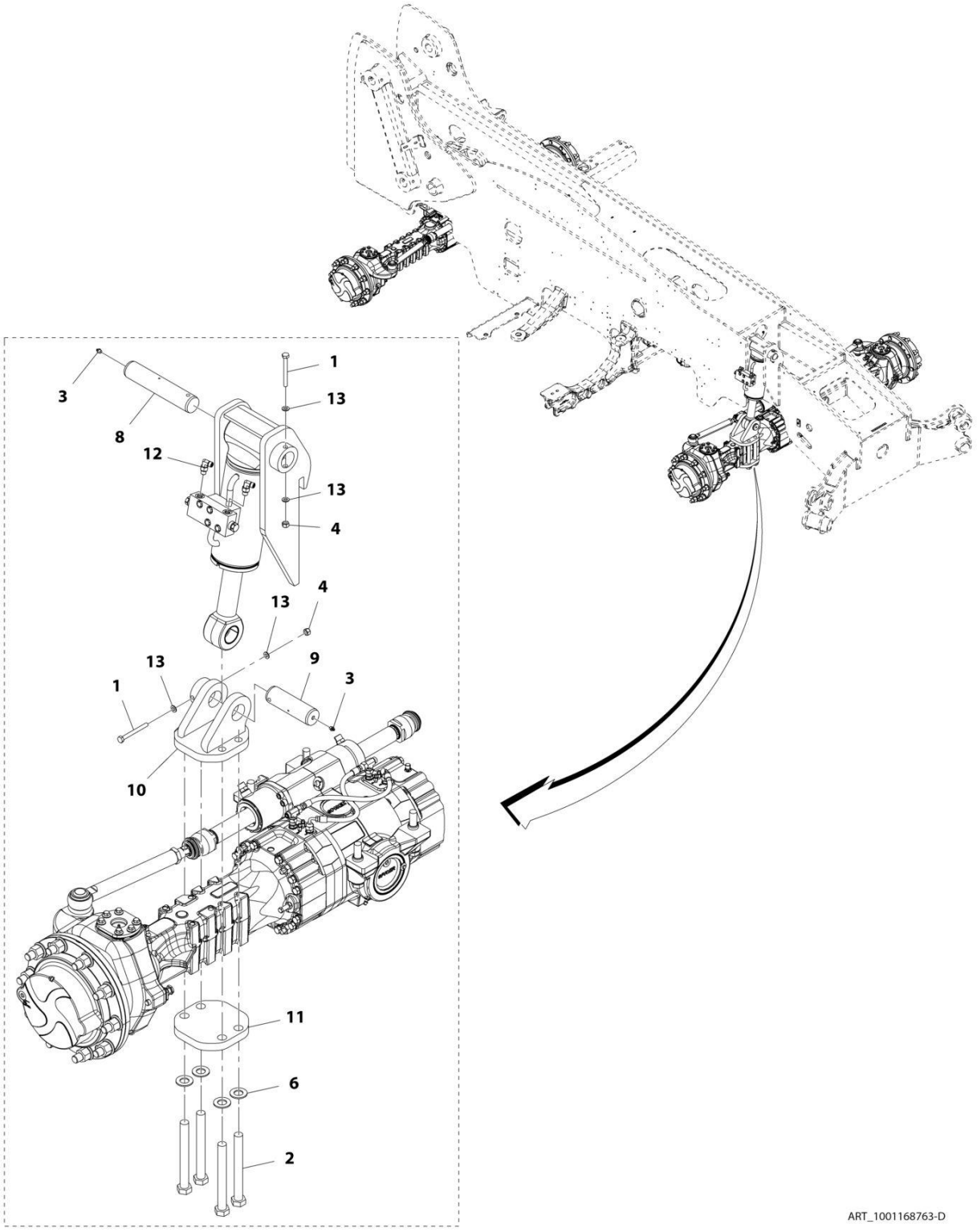


FIGURE 8-23. FRAME LEVEL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168763	Ref	Frame Level Installation	D
1	0711027	2	Bolt, M10X100	
2	0712439	4	Bolt, M24X220	
3	2160016	2	Fitting, Grease	
4	3291005	2	Nut, Lock M10X1.5	
6	5242400	4	Washer, M24	
8	1001164971	1	Pin	
9	1001164972	1	Pin	
10	1001182545	1	Bracket	
11	1001182908	1	Plate	
12	2130406	2	Fitting, 90 ORFS	
13	4812000	4	Washer, M10	

FIGURE 8-24. FRAME LEVEL HYDRAULICS INSTALLATION (NO OUTRIGGERS)

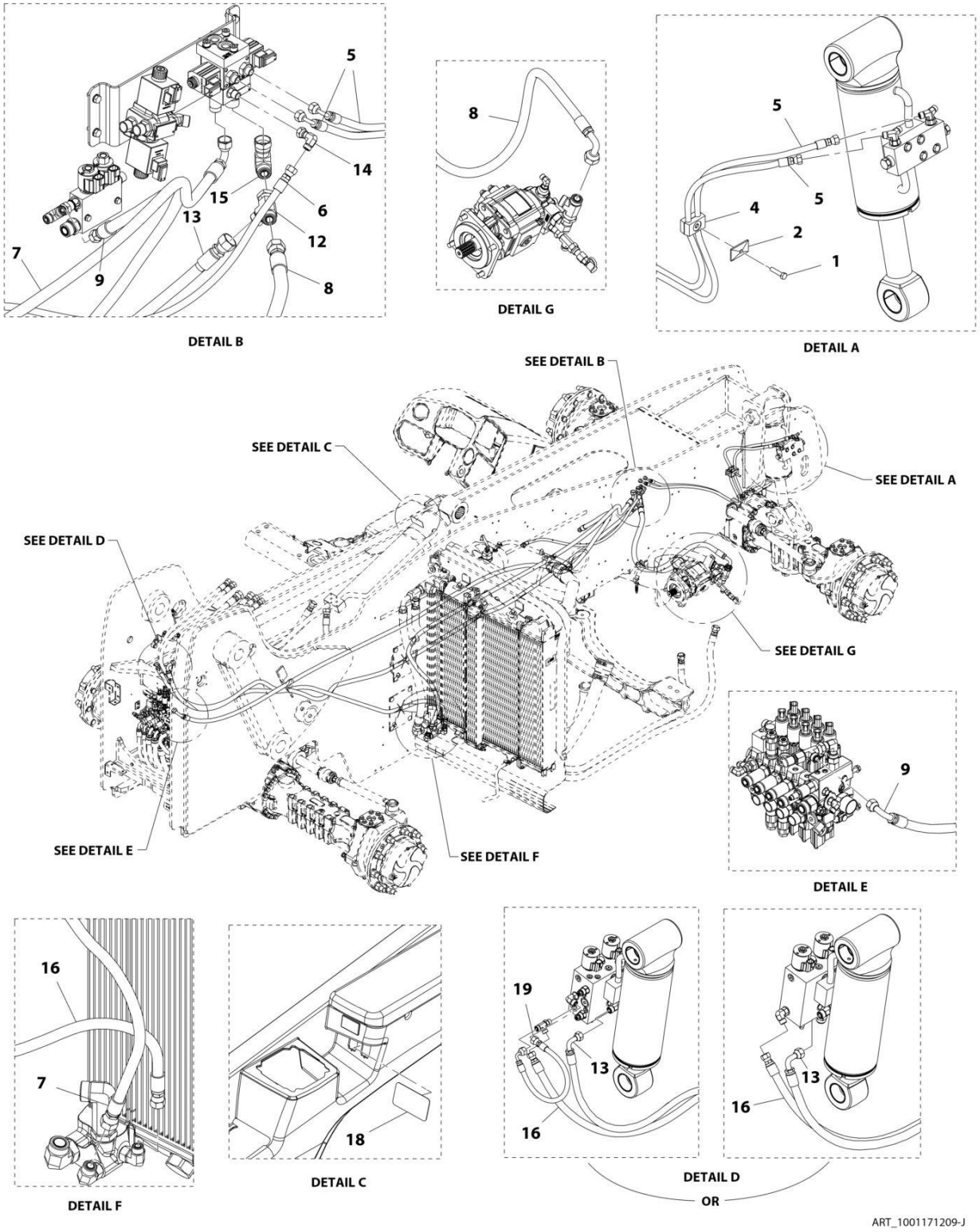


FIGURE 8-24. FRAME LEVEL HYDRAULICS INSTALLATION (NO OUTRIGGERS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171209	Ref	Frame Level Hydraulics Installation (No Outriggers)	K
1	0760815	1	Bolt, M8X35	
2	1321752	1	Clamp	
4	77133168	1	Clamp	
5	1001162069	2	Hose	
6	1001176145	1	Hose	
7	1001175704	1	Hose	
8	1001176150	1	Hose	
9	1001188281	1	Hose	
12	2170710	1	Fitting, Tee ORFS	
13	1001185357	1	Hose	
14	2172104	1	Fitting, 90 ORFS	
15	2172110	1	Fitting, 90 ORFS	
16	1001192042	1	Hose	
18	1670836	1	Cover, Boom	
19	1001097810	AR	Hose	

FIGURE 8-25. FRAME LEVEL HYDRAULICS INSTALLATION (NO OUTRIGGERS) (EMERGENCY STEERING)

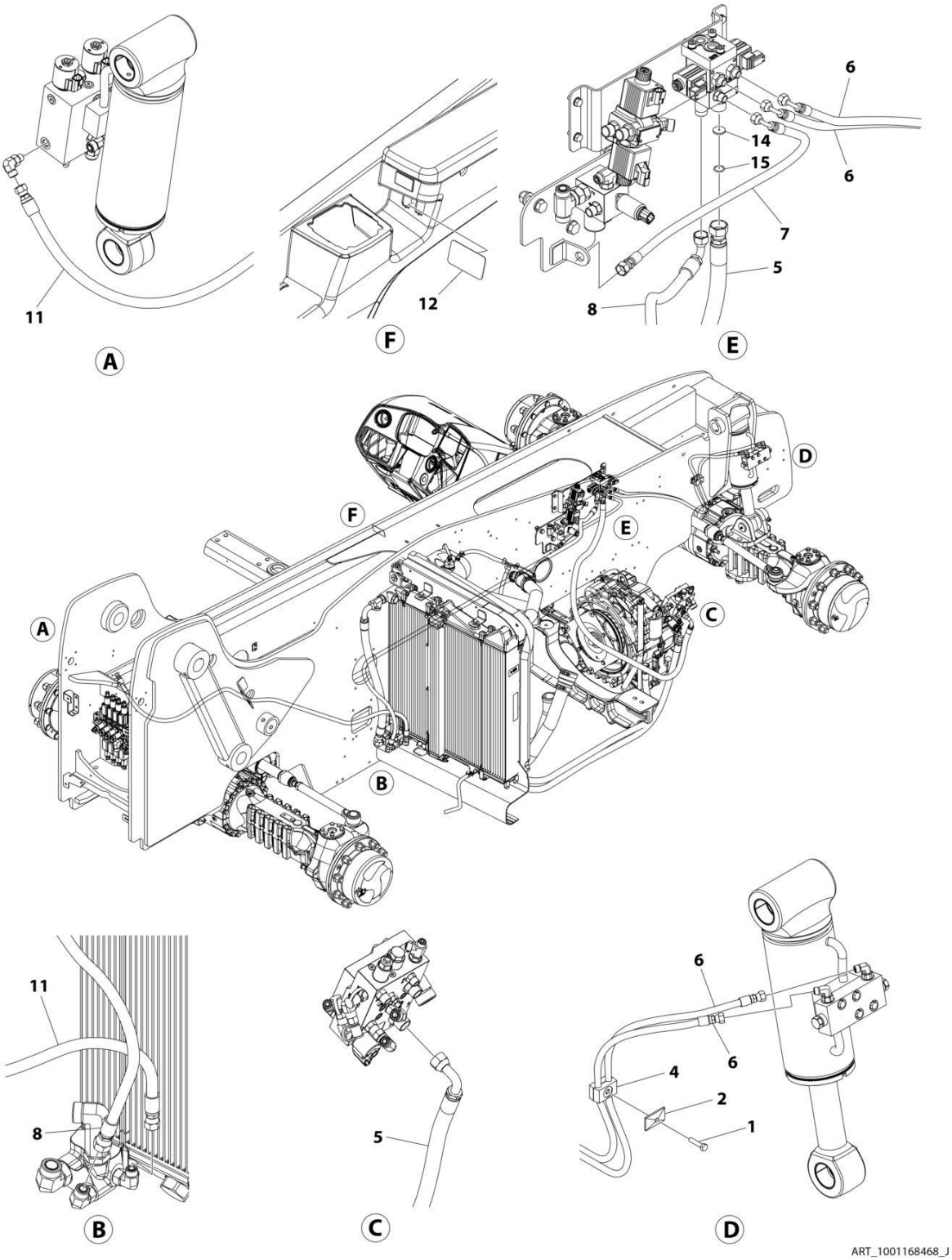
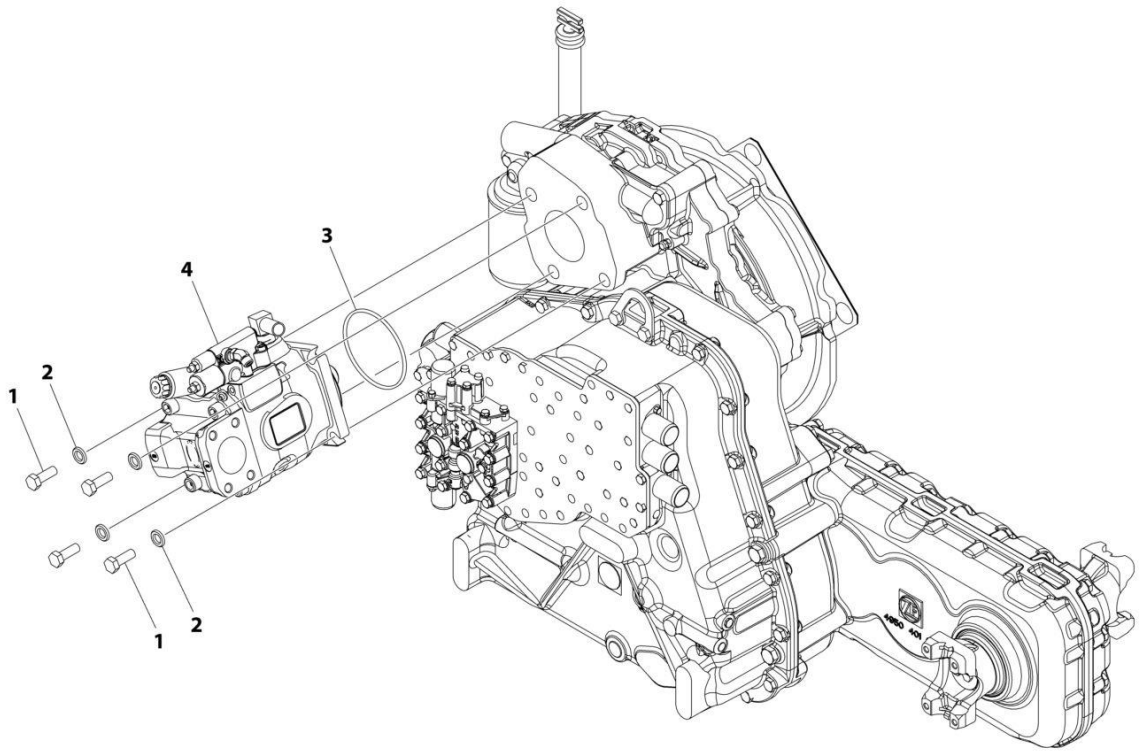


FIGURE 8-25. FRAME LEVEL HYDRAULICS INSTALLATION (NO OUTRIGGERS) (EMERGENCY STEERING)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168468	Ref	Frame Level Hydraulics Installation (No Outriggers)	J
1	0760815	1	Bolt, M8X35	
2	1321752	1	Clamp	
4	77133168	1	Clamp	
5	1001253085	1	Hose	
6	1001162069	2	Hose	
7	1001253157	1	Hose	
8	1001175704	1	Hose	
11	1001192042	1	Hose	
12	1670836	1	Cover, Boom	
13	1001097810	AR	Hose	
14	1001207296	1	Disc, Orifice	
15	8630005	1	O-Ring	

FIGURE 8-26. PISTON PUMP INSTALLATION - 74HP



ART_1001162670_D

FIGURE 8-26. PISTON PUMP INSTALLATION - 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162670	Ref	Piston Pump Installation	D
1	0761215	4	Bolt, M12X35	
2	4740532	4	Washer	
3	80933113	1	O-Ring	
4	1001162674	1	Assembly, Piston Pump (See Separate Breakdown in this Section)	

FIGURE 8-27. PISTON PUMP INSTALLATION - 110HP

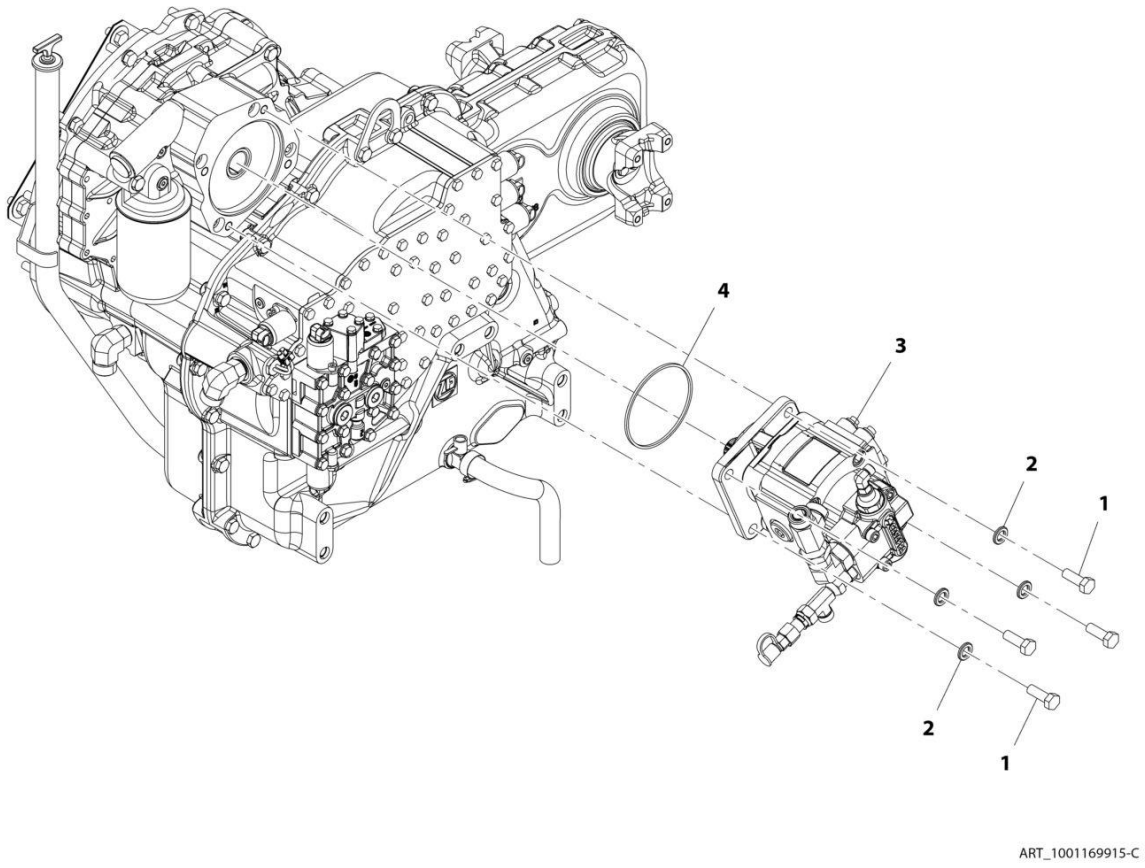


FIGURE 8-27. PISTON PUMP INSTALLATION - 110HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169915	Ref	Piston Pump Installation	C
1	0761215	4	Bolt, M12X35	
2	4740532	4	Washer	
3	1001171097	1	Assembly, Piston Pump (See Separate Breakdown in this Section)	
4	80933113	1	O-Ring	

FIGURE 8-28. PISTON PUMP ASSEMBLY - 74HP

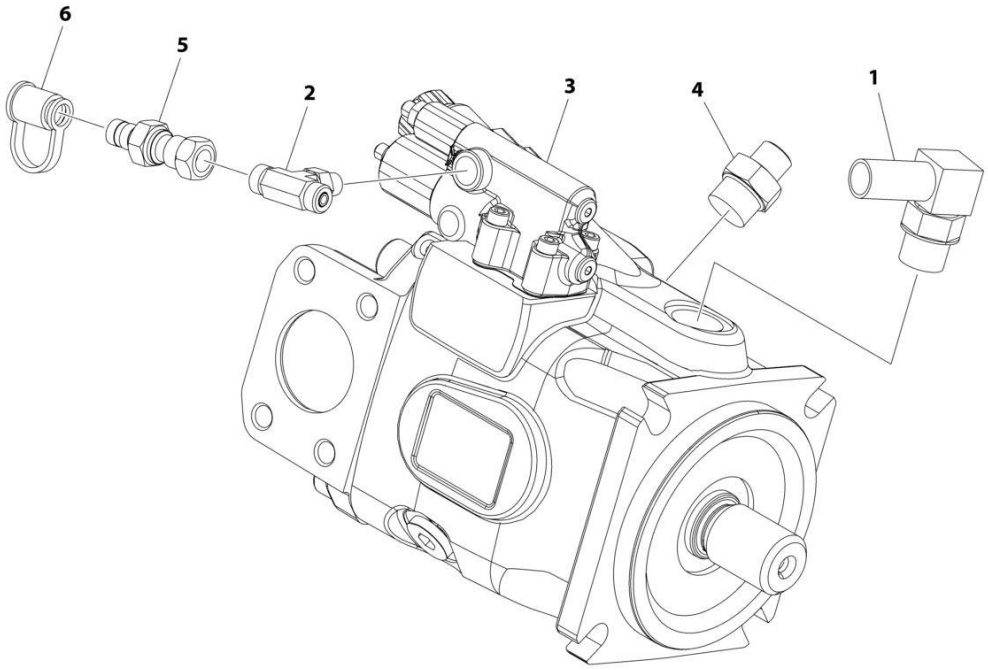


FIGURE 8-28. PISTON PUMP ASSEMBLY - 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162674	Ref	PISTON PUMP ASSEMBLY	E
1	8424217	1	Fitting, 90	
2	2170404	1	Fitting, Tee ORFS/ORB/ORFS	
3	1001182279	1	Piston Pump (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
4	2110610	1	Fitting, Straight ORFS/ORB	
5	2221229	1	Fitting, Straight ORFS	
6	8430032	1	Plug	

FIGURE 8-29. PISTON PUMP ASSEMBLY - 110HP

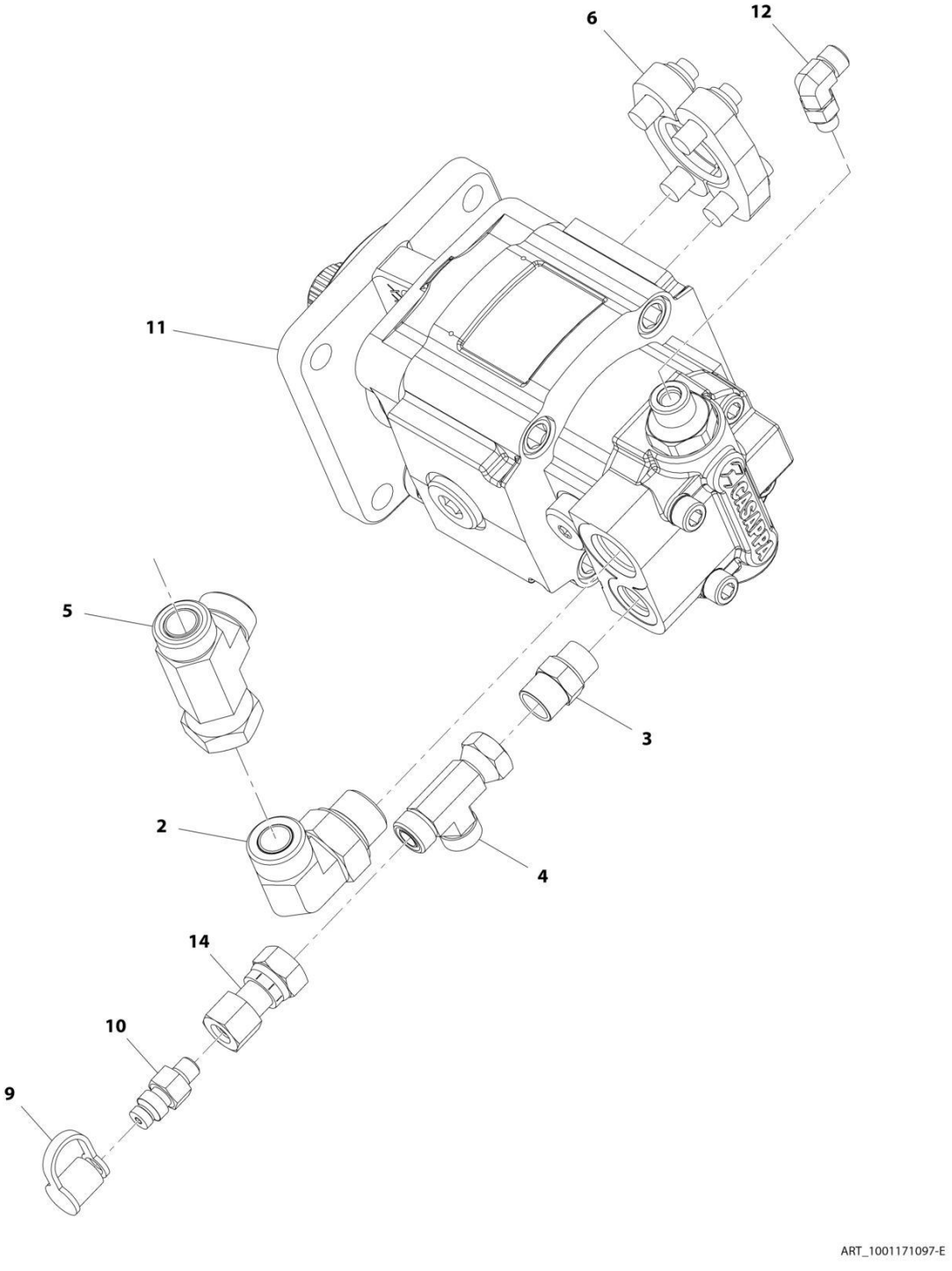


FIGURE 8-29. PISTON PUMP ASSEMBLY - 110HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171097	Ref	Piston Pump Assembly	E
2	2131212	1	Fitting, 90 ORFS	
3	2110808	1	Fitting, Straight ORFS	
4	2170708	1	Fitting, Tee ORFS	
5	2170712	1	Fitting, Tee ORFS	
6	2171820	1	Flange	
9	8430032	1	Plug	
10	8430033	1	Fitting, Straight	
11	1001163746	1	Assembly, Pump (See Separate Breakdown in Hydraulic Components Section)	
12	2130404	1	Fitting, 90 ORFS	
14	1001176529	1	Fitting, Straight ORFS	

FIGURE 8-30. REAR AXLE STABILIZER INSTALLATION

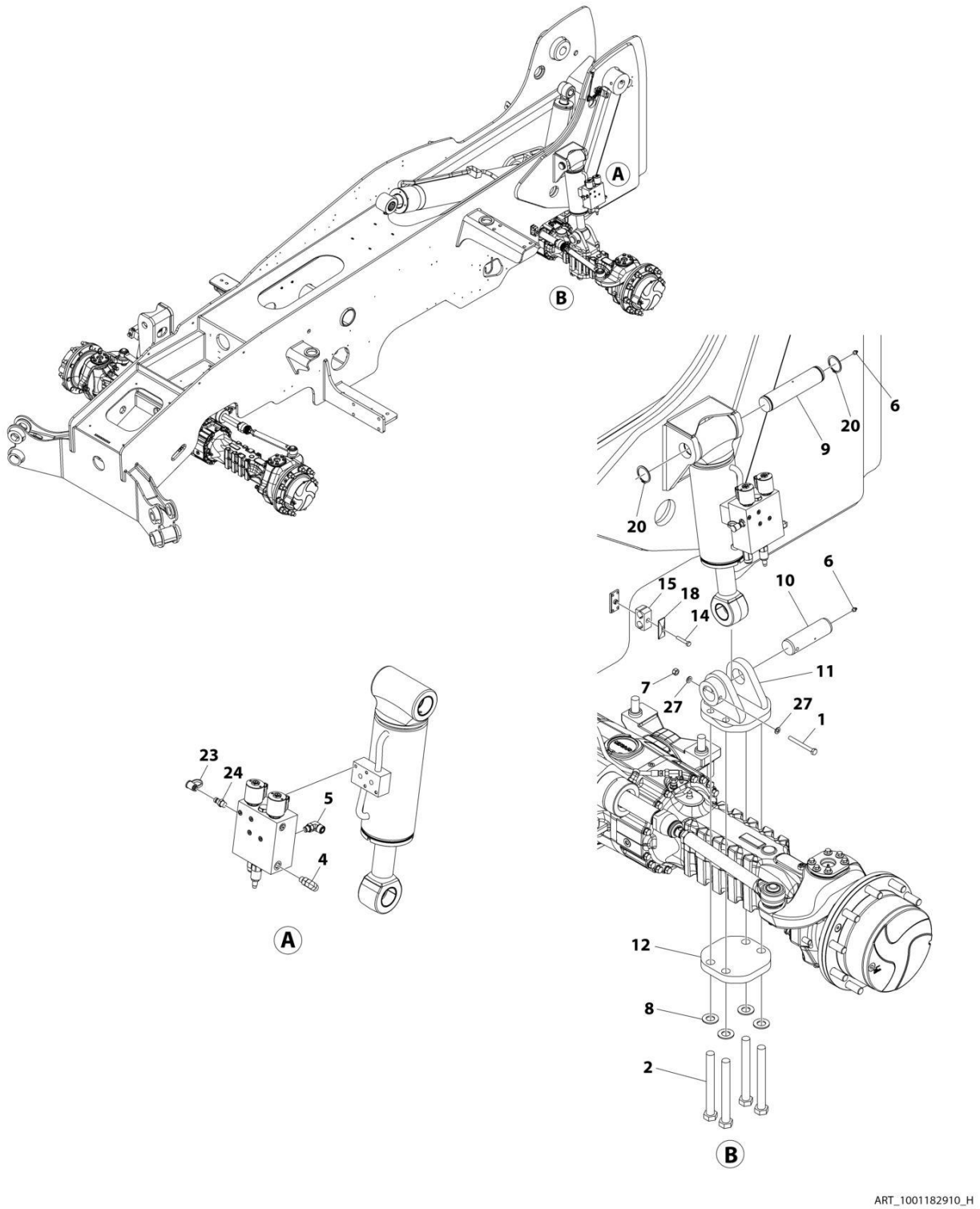


FIGURE 8-30. REAR AXLE STABILIZER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182910	Ref	Rear Axle Stabilizer Installation	H
1	0711027	1	Bolt, M10X100	
2	0712439	4	Bolt, M10.9X24	
4	2130606	1	Fitting, 90 ORFS	
5	2130806	1	Fitting, 90 ORFS	
6	2160016	2	Fitting, Grease	
7	3291005	1	Bolt, M10X1.5	
8	5242400	4	Washer, M24	
9	1001192341	1	Pin	
10	1001164972	1	Pin	
11	1001182903	1	Bracket	
12	1001182908	1	Plate	
14	0760817	1	Bolt, M8X45	
15	8750016	1	Clamp	
18	77133137	1	Plate	
20	3760493	2	Ring, Retaining	
23	8430032	1	Plug	
24	1001003590	1	Fitting, Straight	
27	4812000	2	Washer, M10	

FIGURE 8-31. VALVES INSTALLATION - 74HP

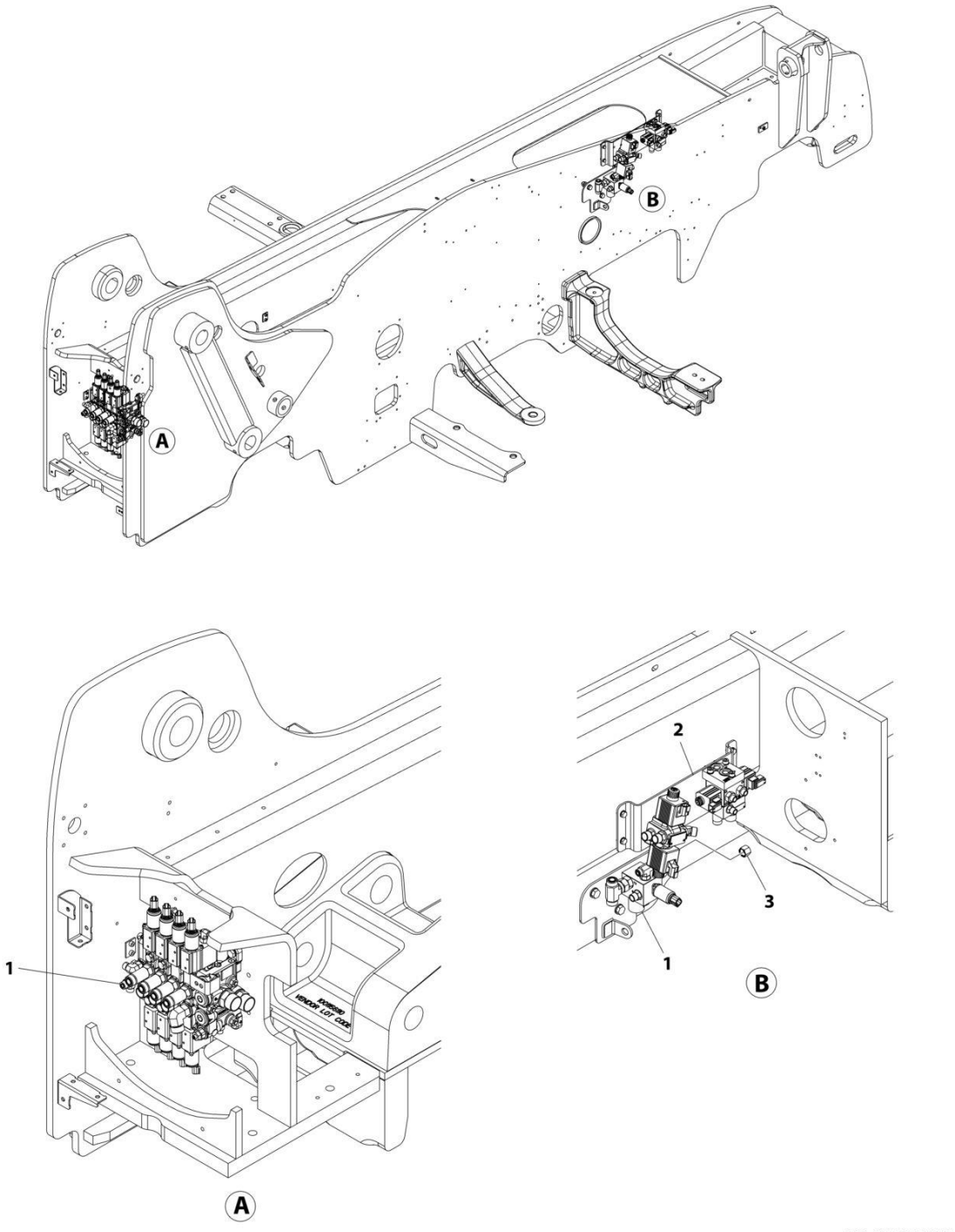


FIGURE 8-31. VALVES INSTALLATION - 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225748	Ref	Valve Installation	B
1	1001225750	Ref	Installation, Main Control Valve (See Separate Breakdown in this Section)	
2	1001168465	Ref	Installation, Steering Select and Frame Level Valve (See Separate Breakdown in this Section)	
3	2170906	1	Fitting, ORFS	

FIGURE 8-32. VALVES INSTALLATION - 110HP

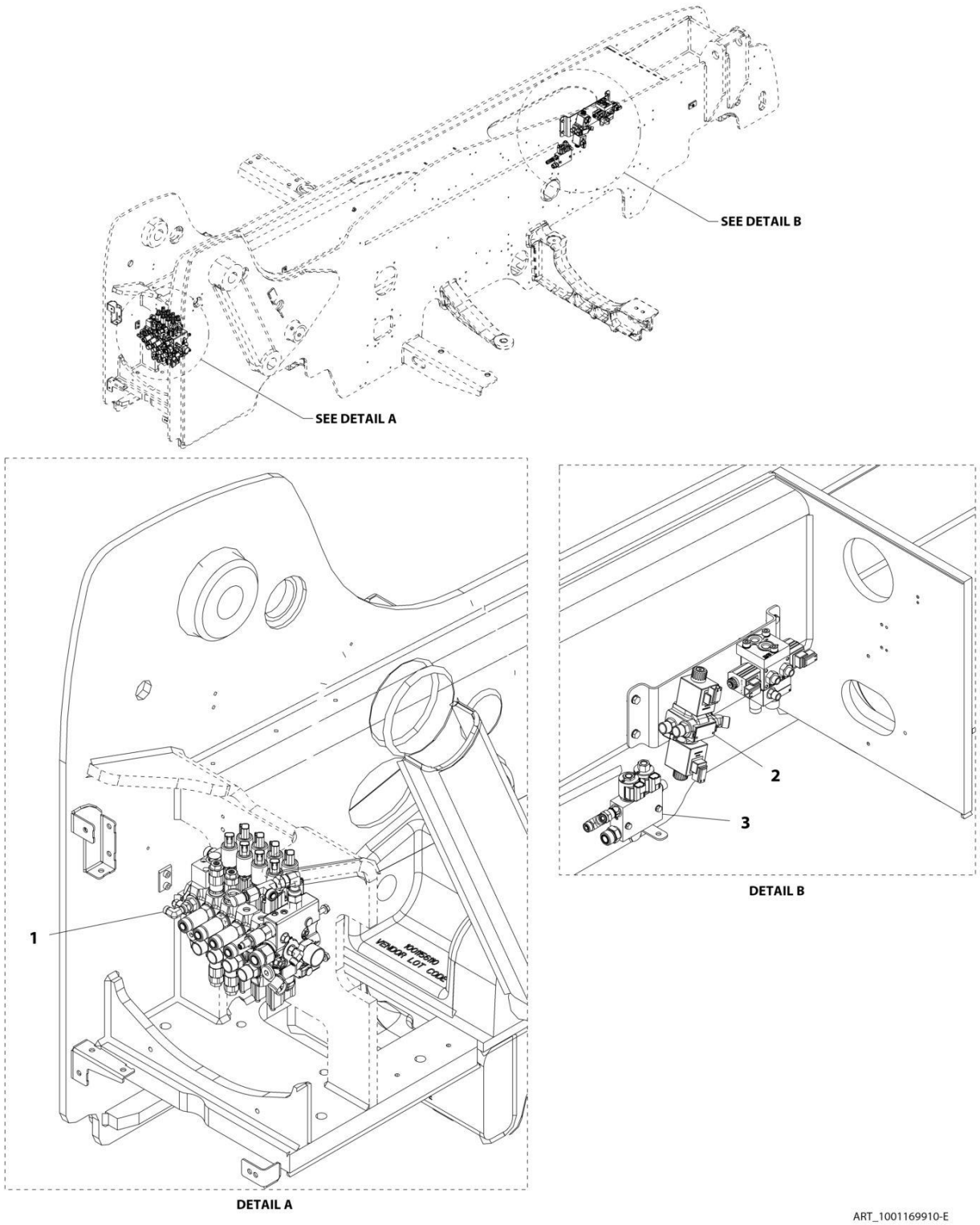


FIGURE 8-32. VALVES INSTALLATION - 110HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169910	Ref	Valve Installation (No Outriggers)	F
1	1001169346	Ref	Installation, Main Control Valve (See Separate Breakdown in this Section)	
2	1001168465	Ref	Installation, Steering Select and Frame Level Valve (See Separate Breakdown in this Section)	
3	1001295557	Ref	Installation, Park Brake (See Separate Breakdown in this Section)	

FIGURE 8-33. VALVES INSTALLATION - FRAME LEVEL

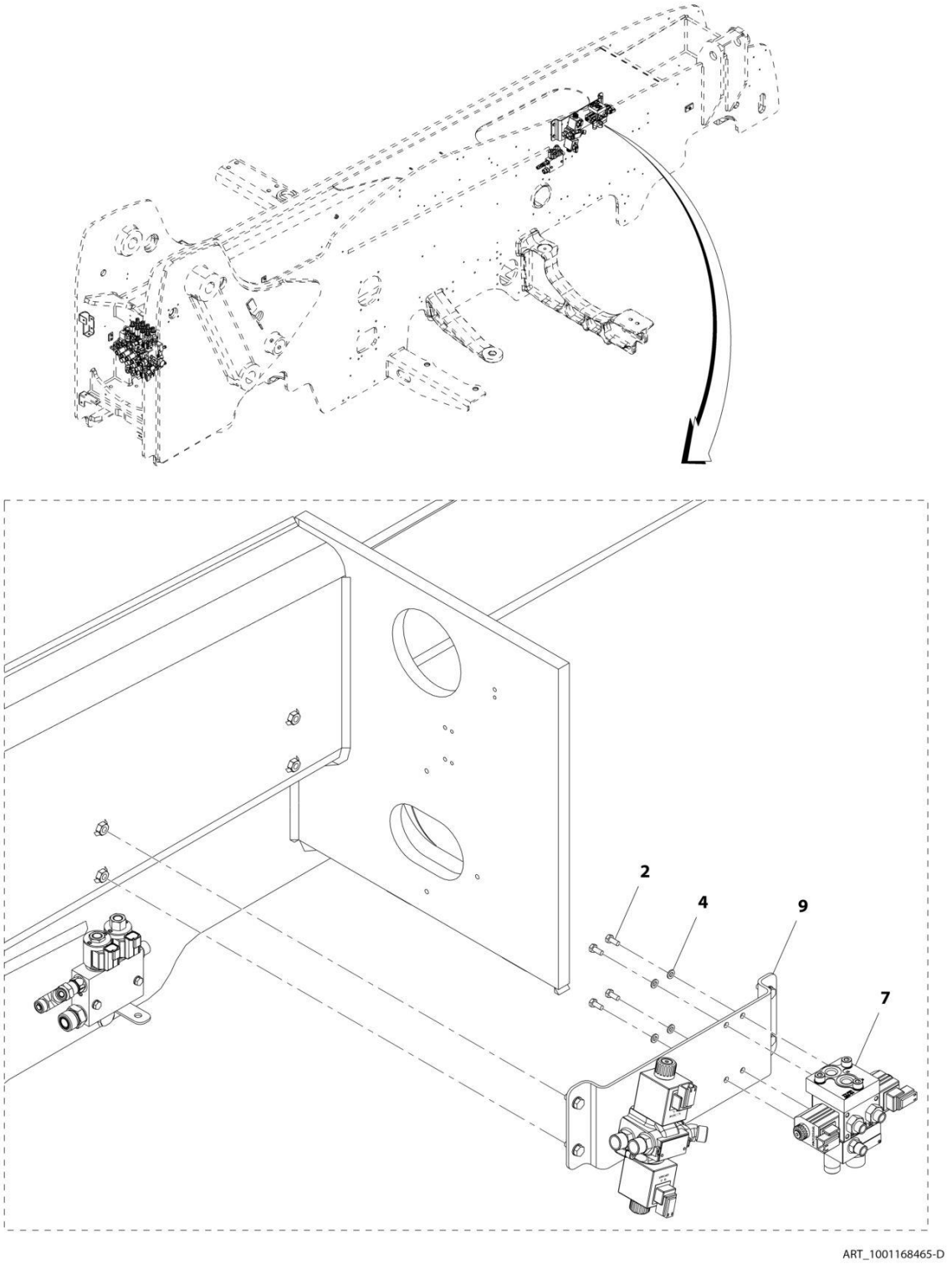


FIGURE 8-33. VALVES INSTALLATION - FRAME LEVEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168465	Ref	Steering Select and Frame Level Valve Installation	D
2	0760607	4	Bolt, M6X14	
4	4811700	4	Washer, M6	
7	1001169087	1	Assembly, Frame Level Valve (See Separate Breakdown in this Section)	
9	1001168464	Ref	Installation, Steering Select Valve Mounting (See Separate Breakdown in this Section)	

FIGURE 8-34. VALVE & FITTINGS ASSEMBLY- FRAME LEVEL

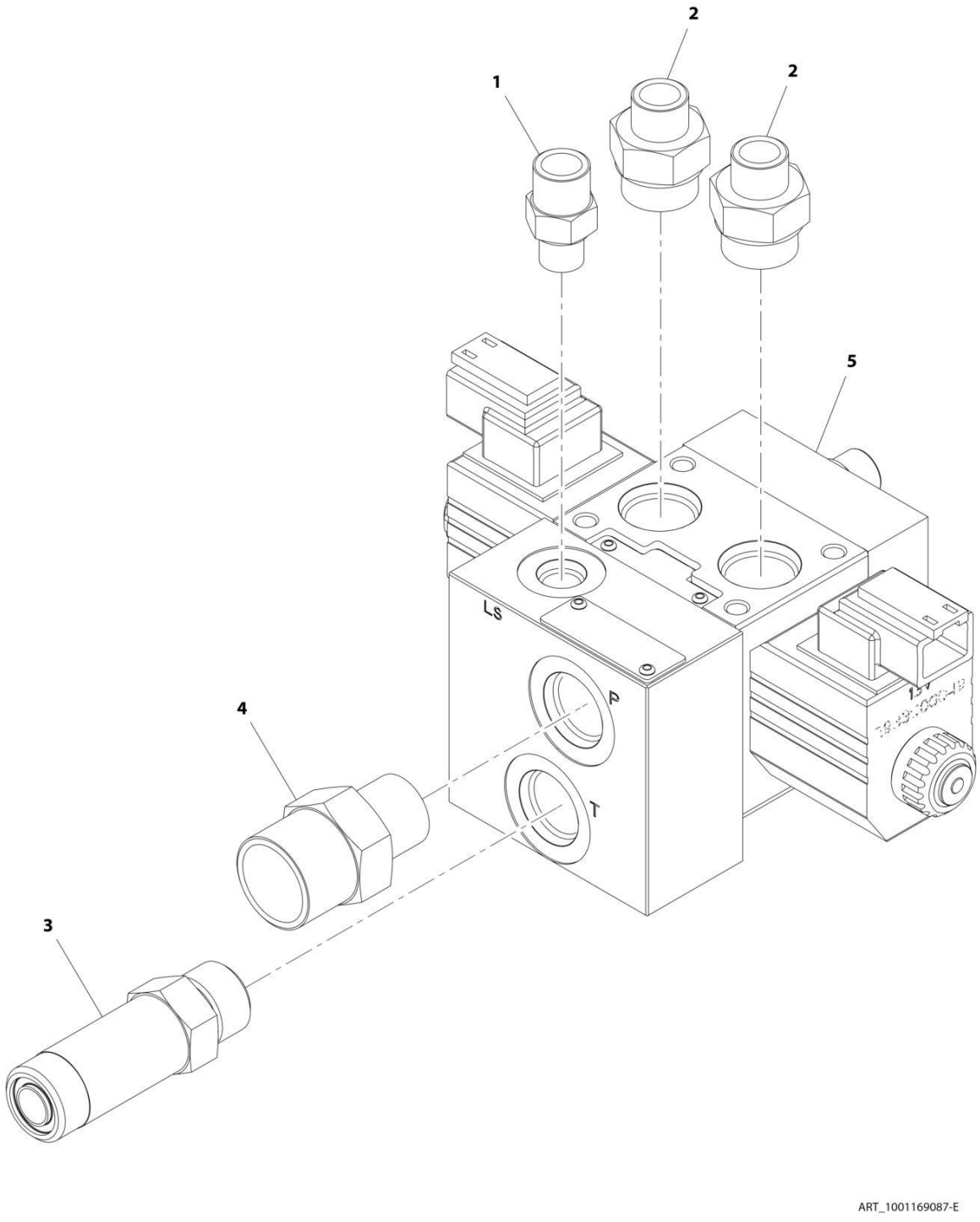


FIGURE 8-34. VALVE & FITTINGS ASSEMBLY- FRAME LEVEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169087	1	Frame Level Valve Assembly	E
1	2110404	1	Fitting, Straight ORFS	
2	2110408	2	Fitting, Straight ORFS	
3	2170108	1	Fitting, Straight ORFS	
4	2111008	1	Fitting, Straight ORFS	
5	1001162959	1	Valve, Frame Level (See Separate Breakdown in Hydraulic Components Section)	

FIGURE 8-35. VALVES INSTALLATION - MAIN & PRIORITY- 74HP

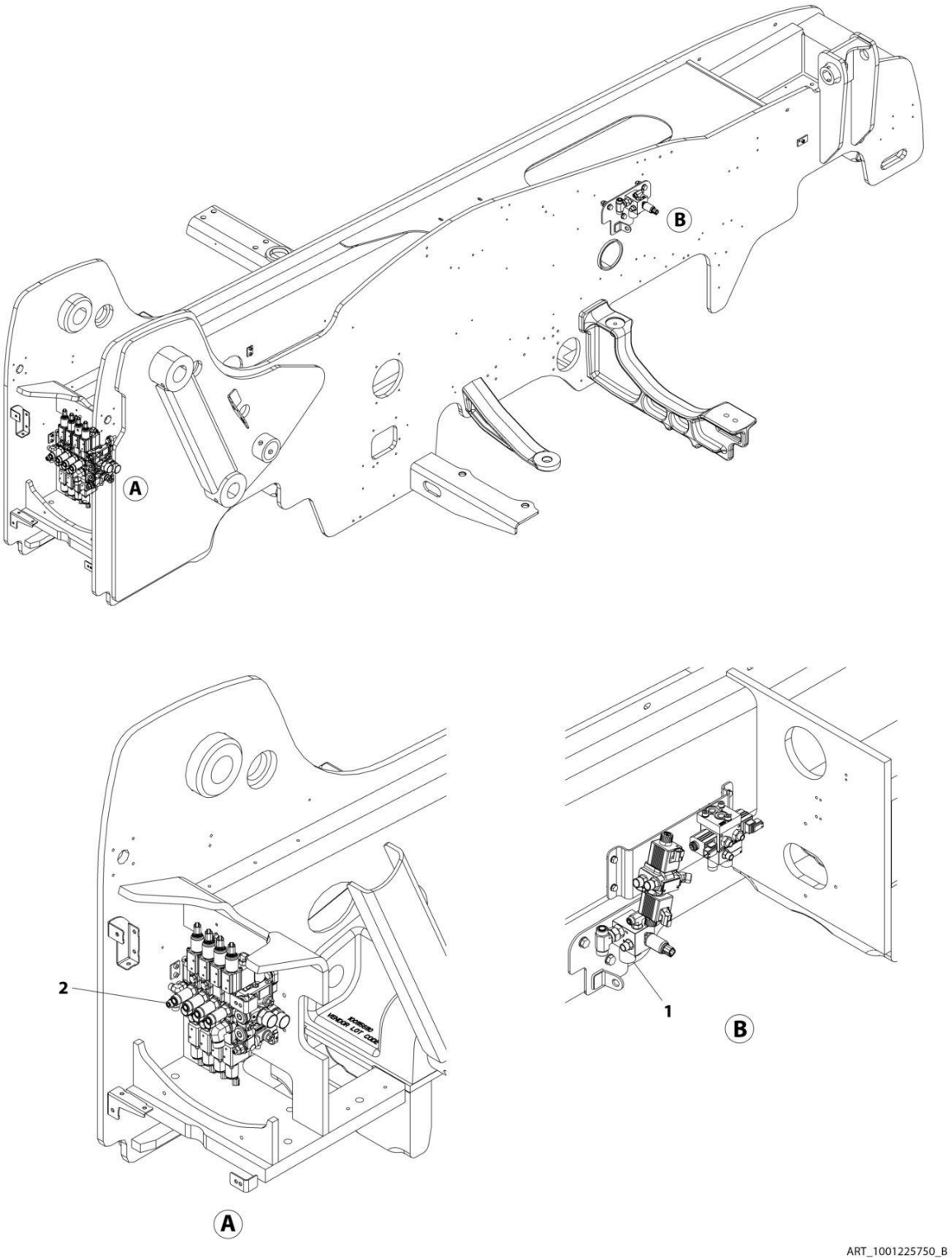


FIGURE 8-35. VALVES INSTALLATION - MAIN & PRIORITY- 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225750	Ref	Main Hydraulic Valves Installation	B
1	1001253371	Ref	Installation, Sahr Brake Valve (See Separate Breakdown in this Section)	
2	1001225751	Ref	Installation, Main Control Valve (See Separate Breakdown in this Section)	

FIGURE 8-36. VALVES INSTALLATION - MAIN & PRIORITY- 110HP

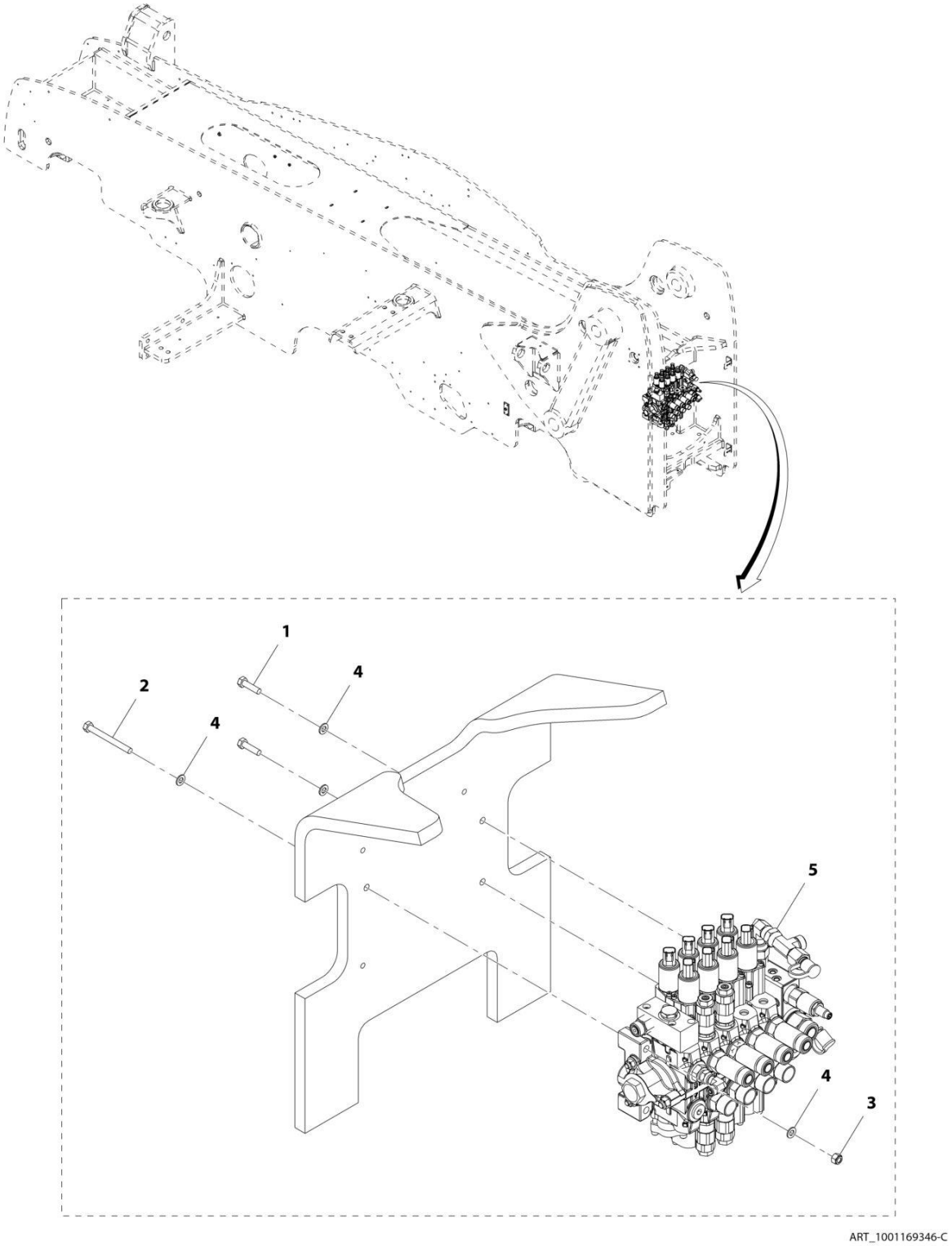


FIGURE 8-36. VALVES INSTALLATION - MAIN & PRIORITY- 110HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169346	Ref	Main Control Valve Installation	C
1	0700814	2	Bolt, M8X30	
2	0700824	1	Bolt, M8X80	
3	3290805	1	Nut, Lock M8X1.25 Grade 8	
4	4811900	4	Washer, M8	
5	1001169349	1	Assembly, Main Control Valve (See Separate Breakdown in this Section)	

FIGURE 8-37. VALVE INSTALLATION - MAIN - 74HP

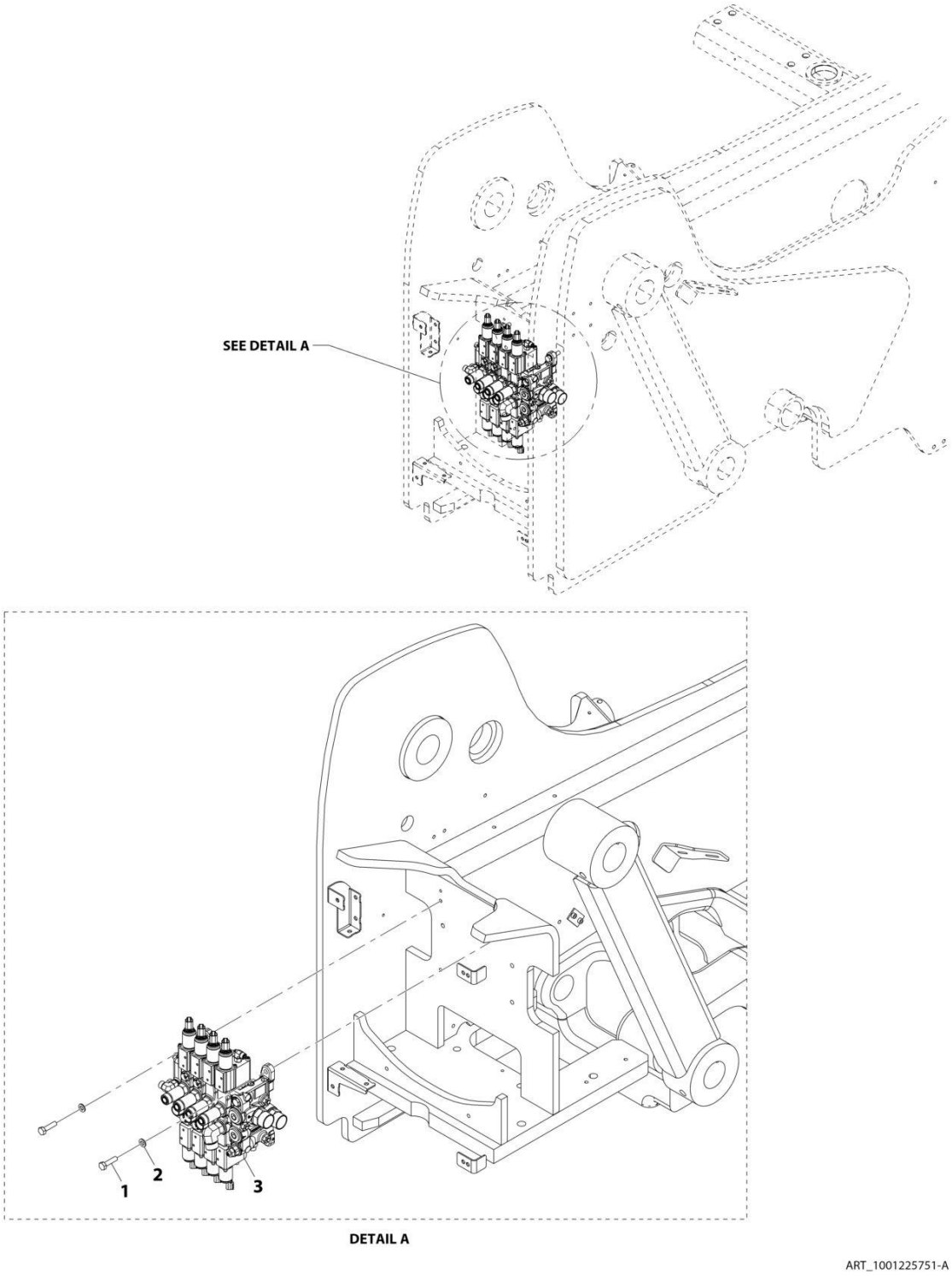


FIGURE 8-37. VALVE INSTALLATION - MAIN - 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225751	Ref	Main Control Valve Installation	A
1	0701016	3	Bolt, M10X40	
2	4812000	3	Washer, M10	
3	1001225752	1	Assembly, Main Control Valve Assembly (See Separate Breakdown in this Section)	

FIGURE 8-38. VALVE INSTALLATION - MAIN - 110HP

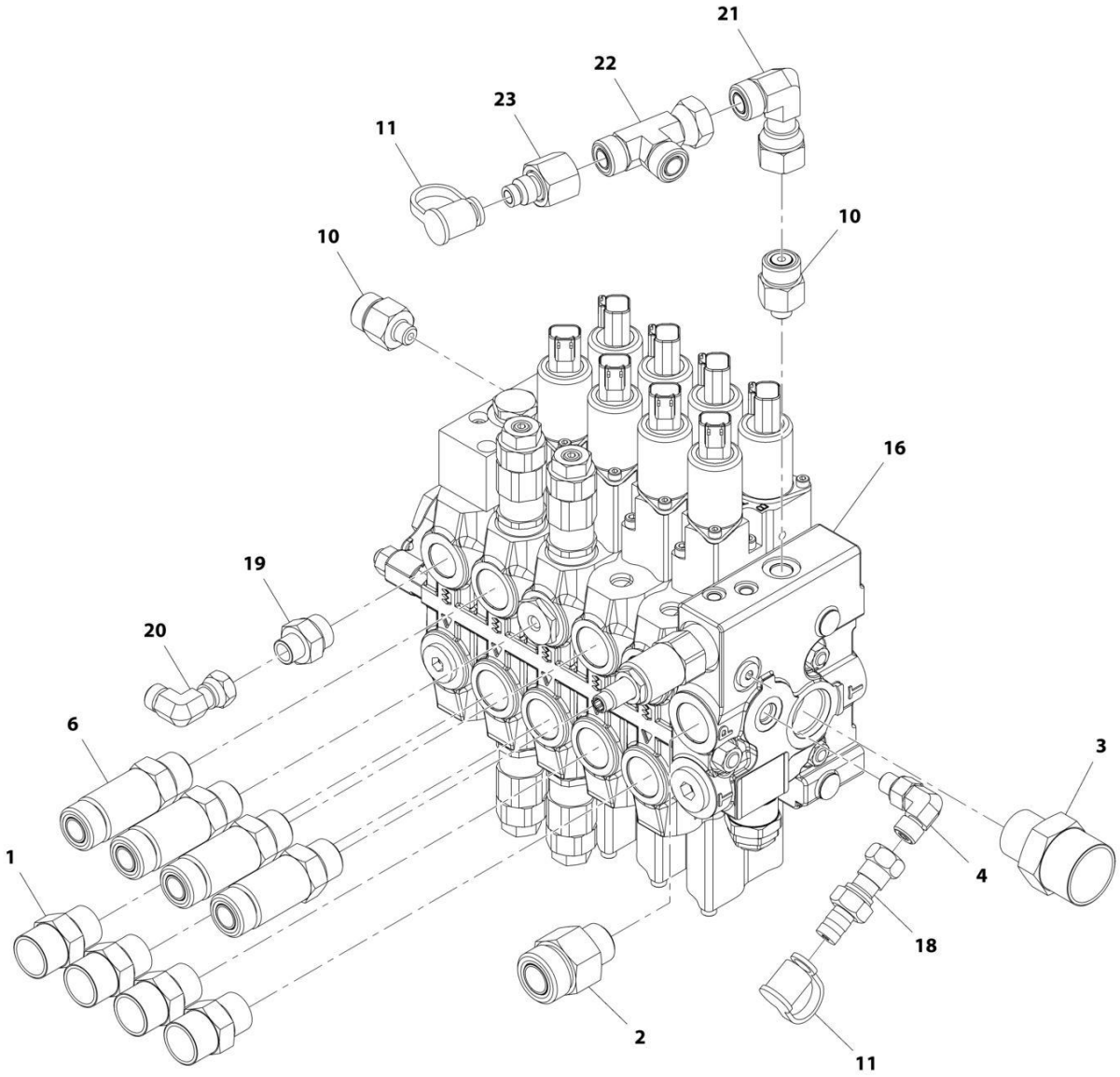


FIGURE 8-38. VALVE INSTALLATION - MAIN - 110HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169349	Ref	Main Control Valve Assembly	G
1	2111010	4	Fitting, Straight ORFS	
2	2111210	1	Fitting, Straight ORFS	
3	2111612	1	Fitting, Straight ORFS	
4	2130404	1	Fitting, 90 ORFS	
6	2170110	4	Fitting, Straight ORFS	
10	2221233	2	Fitting, Straight ORFS	
11	8430032	2	Plug	
16	1001166765	1	Valve, Main Control (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
18	2221229	1	Fitting, Straight ORFS	
19	2110408	1	Fitting, Straight ORFS	
20	2172104	1	Fitting, 90 ORFS	
21	2172108	1	Fitting, 90 ORFS	
22	2170708	1	Fitting, Tee ORFS	
23	8430082	1	Fitting, Straight ORFS	

FIGURE 8-39. VALVE & FITTINGS ASSEMBLY- MAIN - 74HP

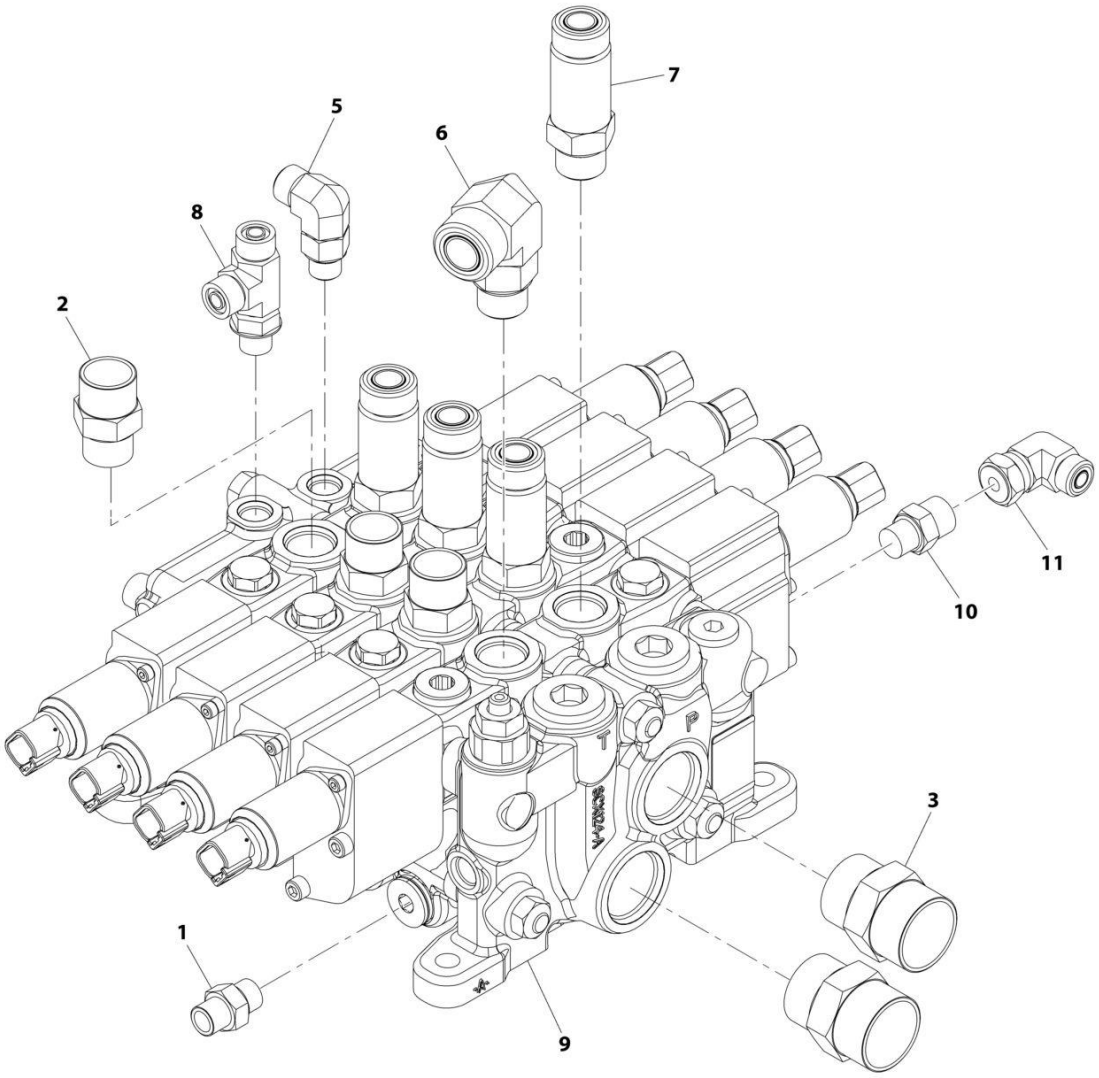


FIGURE 8-39. VALVE & FITTINGS ASSEMBLY- MAIN - 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225752	Ref	Main Control Valve Assembly	D
1	2110406	1	Fitting, Straight ORFS	
2	2111010	3	Fitting, Straight ORFS	
3	2111616	2	Fitting, Straight ORFS	
5	2130606	1	Fitting, 90 ORFS	
6	2131210	1	Fitting, 90 ORFS	
7	2170110	4	Fitting, Straight ORFS	
8	2170306	1	Fitting, Tee ORFS	
9	1001241879	Ref	Valve, Main Control (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
10	2110606	1	Fitting, Straight ORFS	
11	2172106	1	Adapter, 90	

FIGURE 8-40. VALVE INSTALLATION - PRIORITY - 74HP

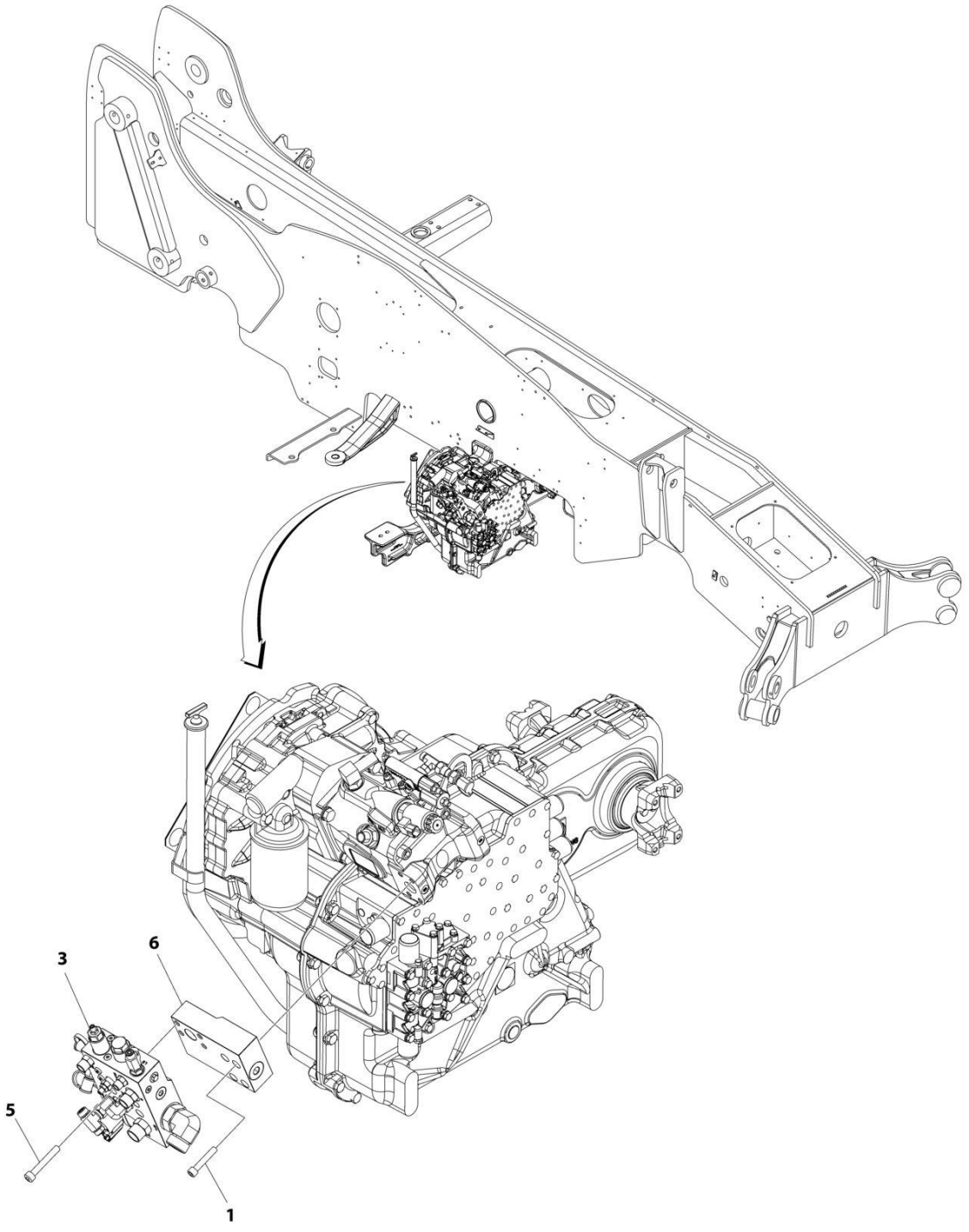


FIGURE 8-40. VALVE INSTALLATION - PRIORITY - 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161308	Ref	Priority Function Manifold Installation	D
1	3931632	4	Bolt 3/8X2	
3	1001253252	1	Assembly, Priority Manifold Valve (See Separate Breakdown in this Section)	
5	4032017	4	Bolt M10X65	
6	1001252571	1	Valve, Spacer	

FIGURE 8-41. VALVE ASSEMBLY - PRIORITY FUNCTION MANIFOLD

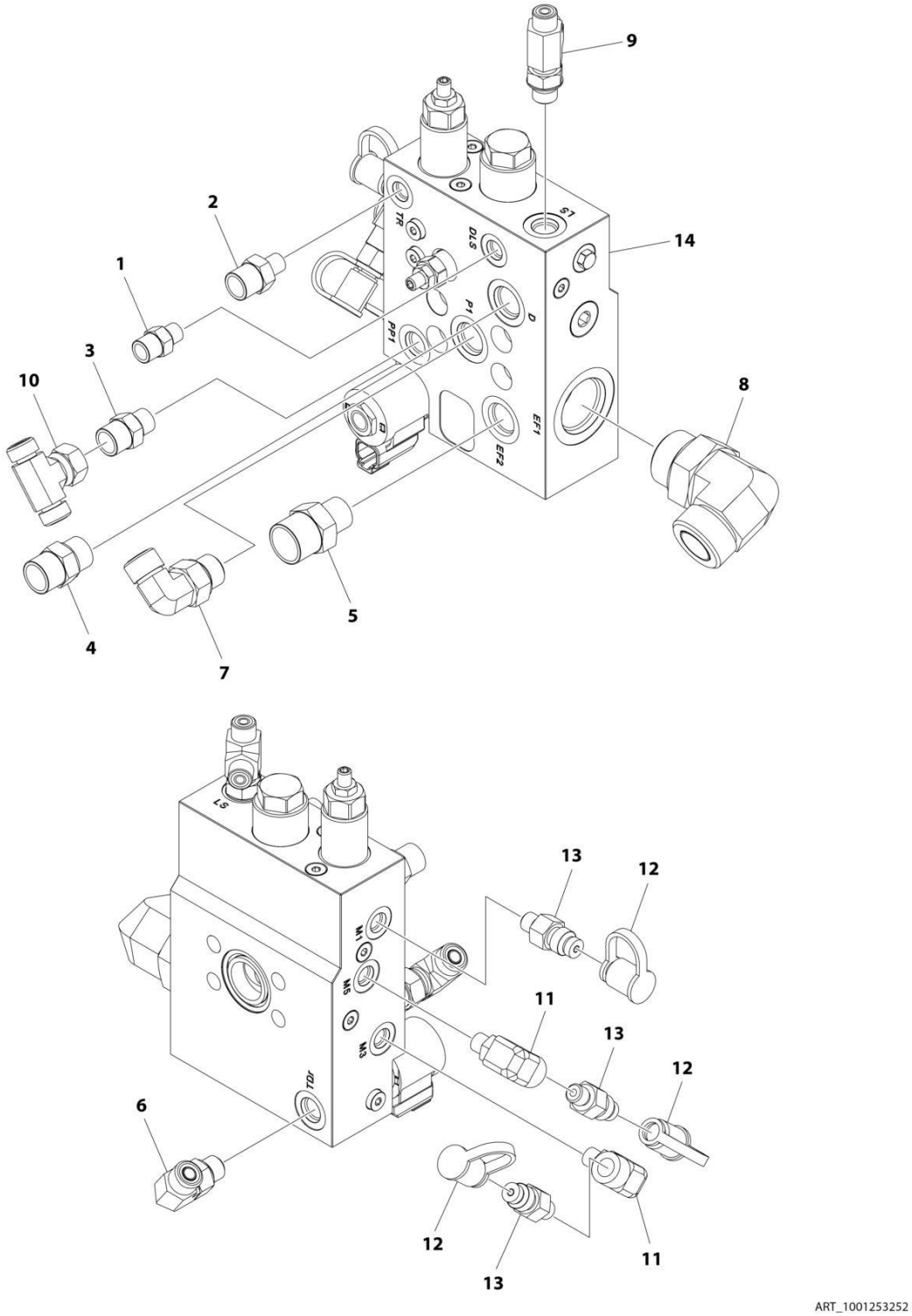


FIGURE 8-41. VALVE ASSEMBLY - PRIORITY FUNCTION MANIFOLD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001253252	Ref	Priority Function Manifold Valve Assembly	B
1	2110406	1	Fitting, Straight ORFS	
2	2110604	1	Fitting, Straight ORFS	
3	2110606	1	Fitting, Straight ORFS	
4	2110808	1	Fitting, Straight ORFS	
5	2111008	1	Fitting, Straight ORFS	
6	2130606	1	Fitting, 90 ORFS	
7	2130808	1	Fitting, 90 ORFS	
8	2131616	1	Fitting, 90 ORFS	
9	2170350	1	Fitting, Tee ORFS/ORB/ORFS	
10	2170806	1	Fitting, Tee ORFS	
11	2221116	2	Fitting, 90 ORB	
12	8430032	3	Plug	
13	8430033	3	Fitting, Straight	
14	1001252567	1	Valve, Priority Manifold (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

FIGURE 8-42. PARK BRAKE INSTALLATION

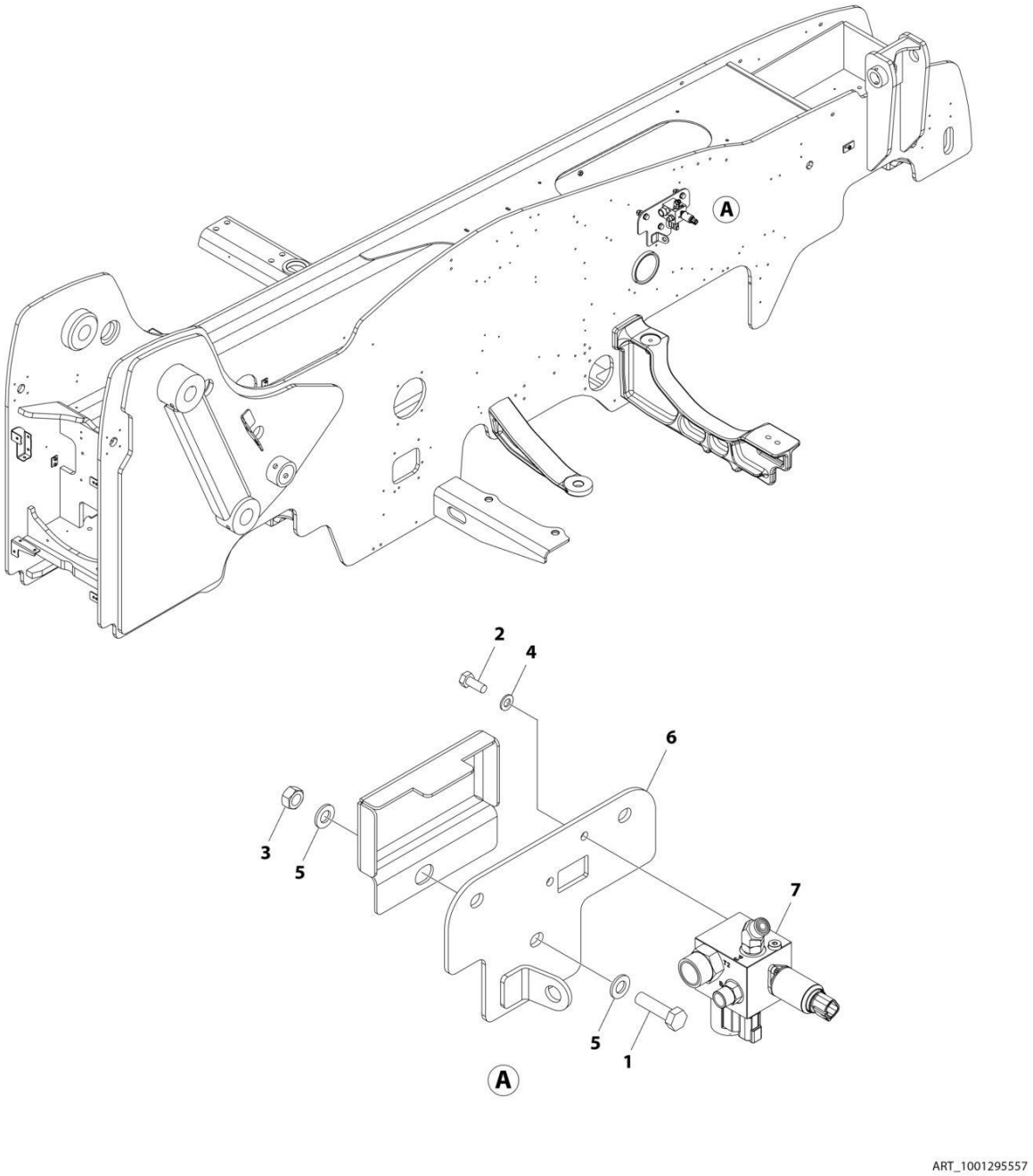
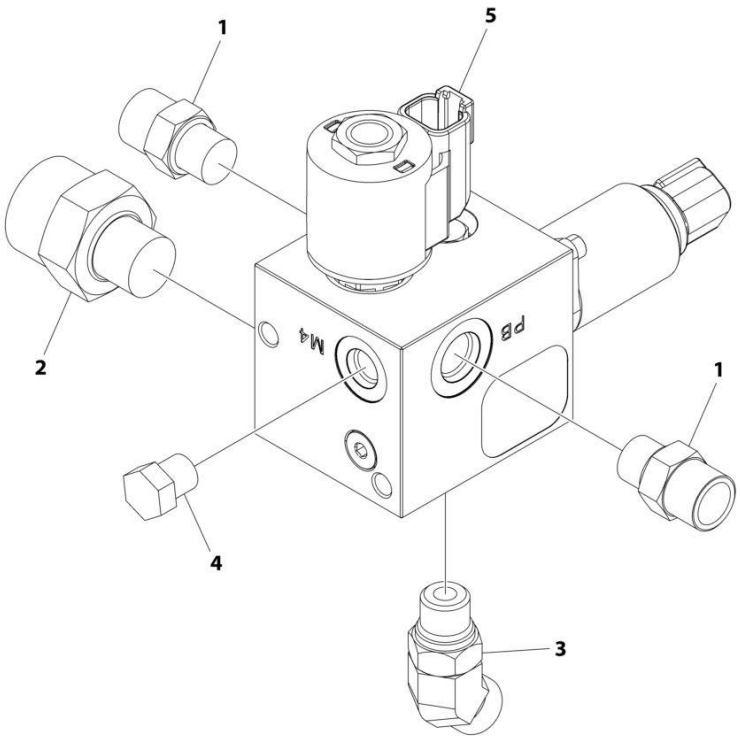


FIGURE 8-42. PARK BRAKE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001295557	Ref	PARK BRAKE INSTALLATION	A
1	0701217	3	Bolt M12 x 45	
2	0760810	2	Bolt M8 x 20	
3	3291201	3	Nut M12	
4	4811900	2	Washer M8	
5	4812100	6	Washer M12	
6	1001234277	1	Plate	
7	1001295556	1	Installation, Park Brake Valve (See Separate Breakdown in this Section)	

FIGURE 8-43. VALVE INSTALLATION - PARKING BRAKE



ART_1001295556

FIGURE 8-43. VALVE INSTALLATION - PARKING BRAKE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001295556	Ref	VALVE INSTALLATION - PARKING BRAKE	A
1	2110606	2	Fitting, Straight ORFS/ORB	
2	2111208	1	Fitting, Straight ORFS/ORB	
3	2150606	1	Fitting, 45 ORFS/ORB	
4	2220235	1	Fitting, Plug ORB	
5	1001234127	1	Valve, SAHR Brake (See Separate Breakdown in HYDRULIC COMPONENTS Section)	

FIGURE 8-44. VALVE INSTALLATION - SAHR BRAKE

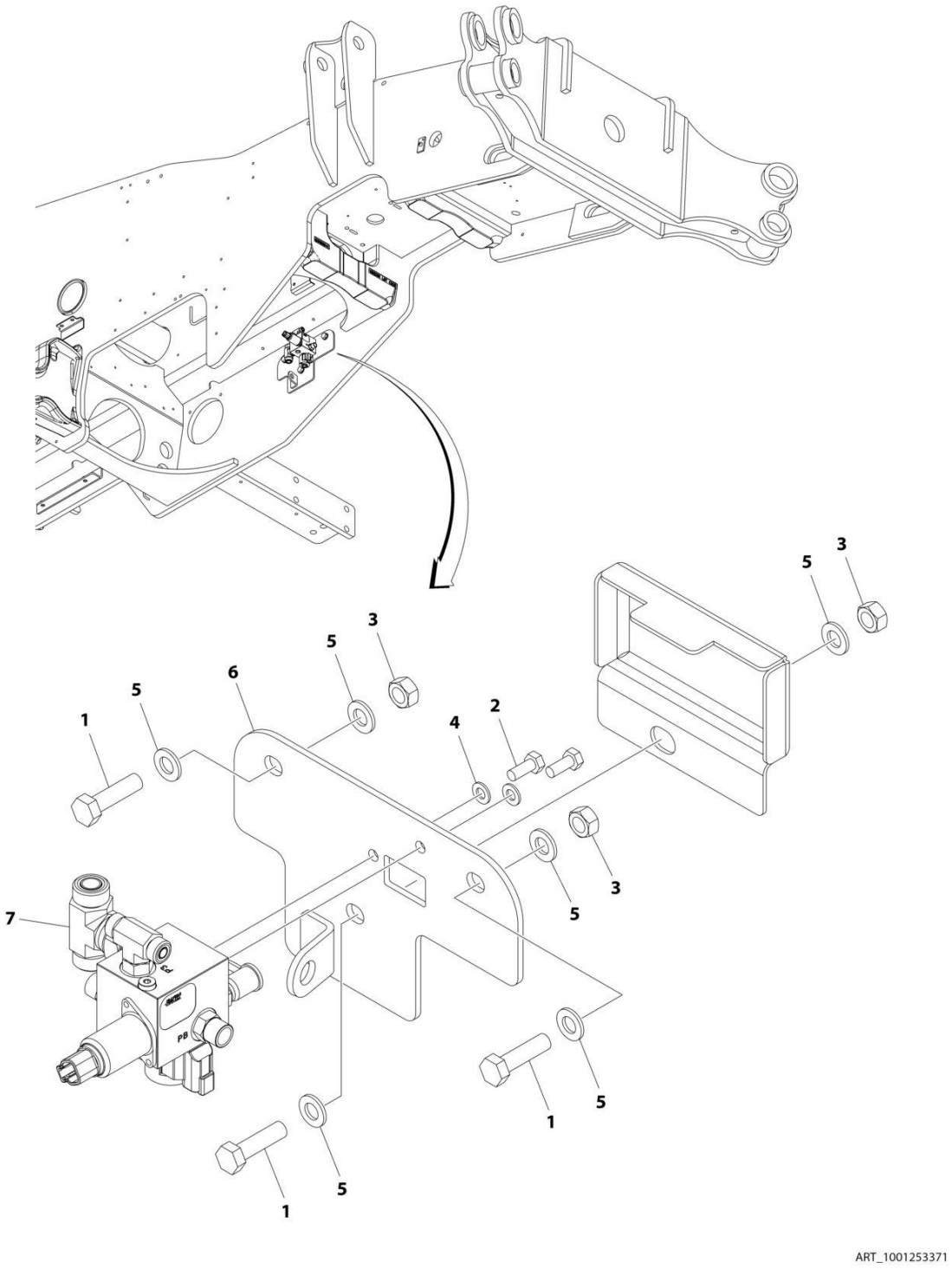
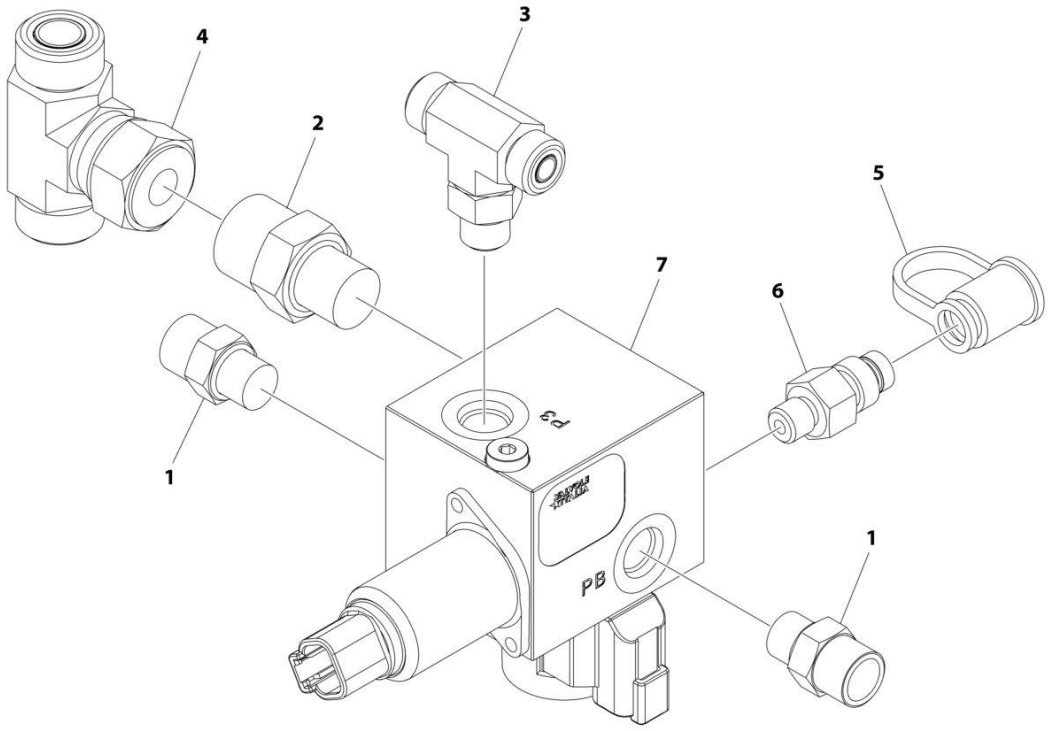


FIGURE 8-44. VALVE INSTALLATION - SAHR BRAKE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001253371	Ref	Valve Installation - Sahr Brake	A
1	0701217	3	Bolt, M12X45	
2	0760810	2	Bolt M8X20	
3	3291201	3	Nut M12	
4	4811900	2	Washer M8	
5	4812100	6	Washer M12	
6	1001234277	1	Plate, Mounting	
7	1001253253	1	Valve, Sahr Brake (See Separate Breakdown in this Section)	

FIGURE 8-45. VALVE ASSEMBLY - SAHR BRAKE



ART_1001253253

FIGURE 8-45. VALVE ASSEMBLY - SAHR BRAKE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001253253	Ref	Valve Assembly - Sahr Brake	B
1	2110606	2	Fitting, Straight ORFS/ORB	
2	2111008	1	Fitting, Straight ORFS/ORB	
3	2170406	1	Fitting, Tee ORFS/ORB/ORFS	
4	2170810	1	Fitting, Tee ORFS/FSORFS/ORFS	
5	8430032	1	Plug	
6	8430033	1	Fitting, Straight ORB	
7	1001234127	1	Valve, Sahr Brake (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

FIGURE 8-46. VALVES INSTALLATION - STEER SELECT

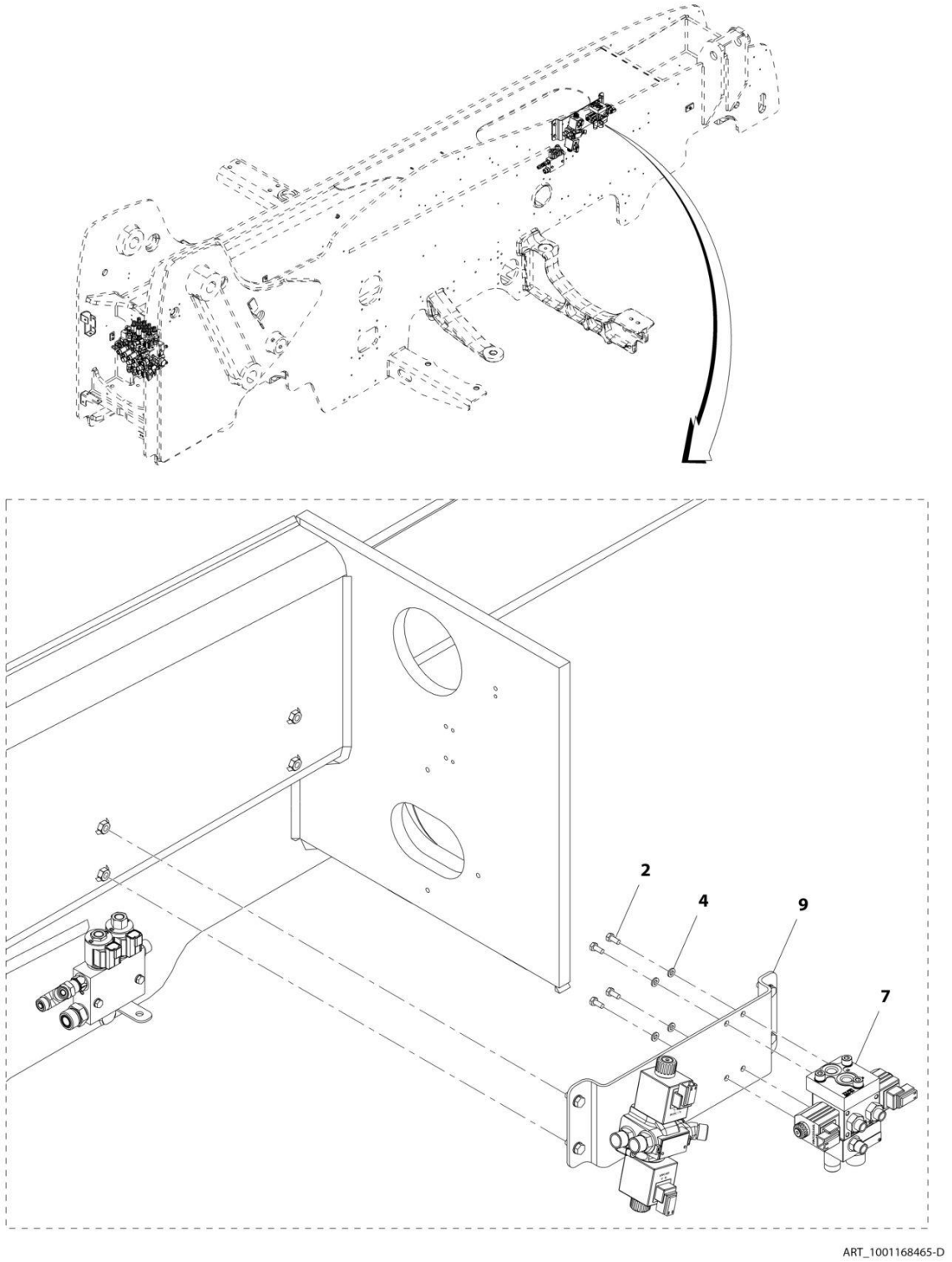


FIGURE 8-46. VALVES INSTALLATION - STEER SELECT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168465	Ref	Steering Select and Frame Level Valve Installation	D
2	0760607	4	Bolt, M6X14	
4	4811700	4	Washer, M6	
7	1001169087	1	Assembly, Frame Level Valve (See Separate Breakdown in this Section)	
9	1001168464	Ref	Installation, Steering Select Valve Mounting (See Separate Breakdown in this Section)	

FIGURE 8-47. VALVE MOUNTING INSTALLATION - STEER SELECT

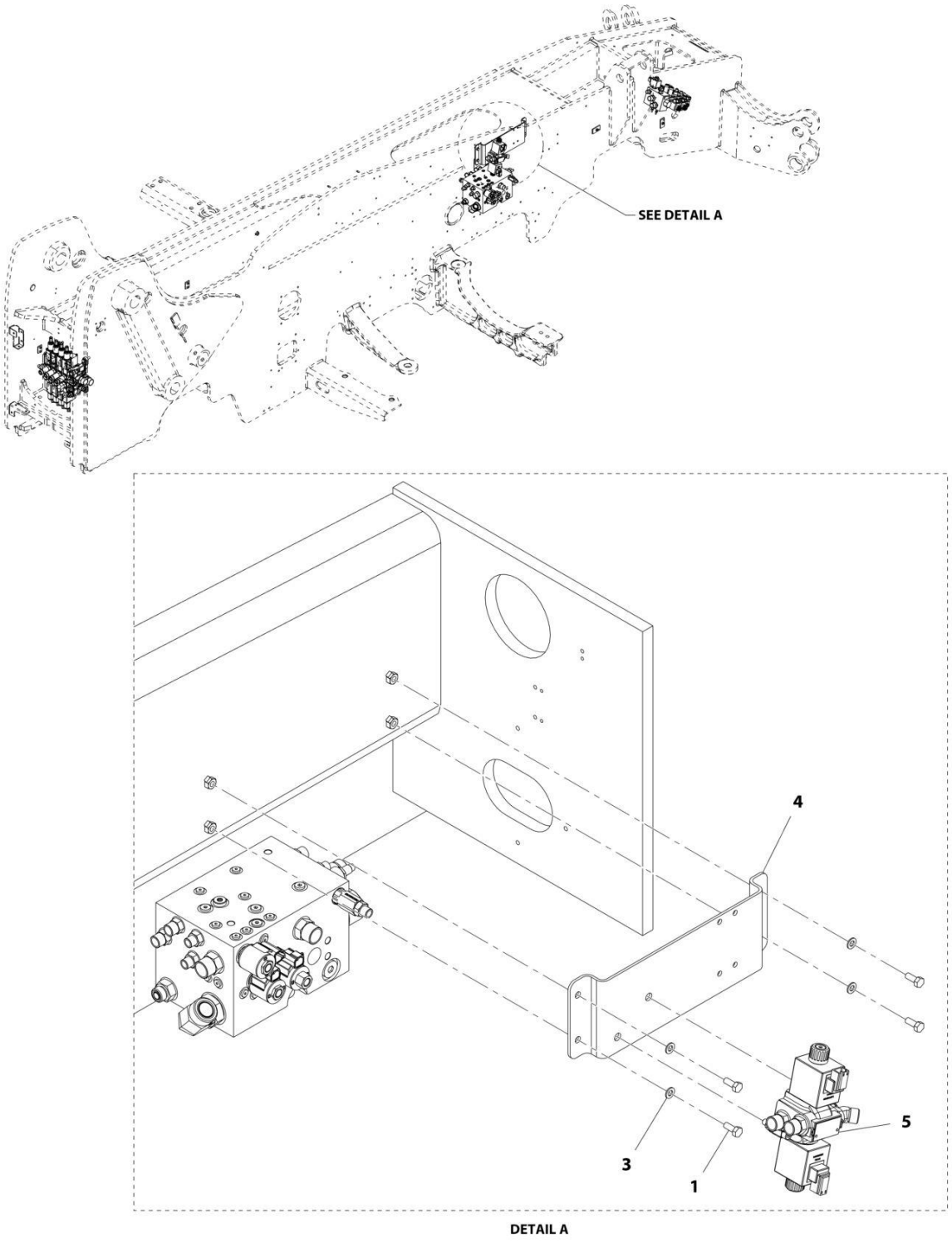


FIGURE 8-47. VALVE MOUNTING INSTALLATION - STEER SELECT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168464	Ref	Steering Select Valve Mounting Installation	E
1	0760810	4	Bolt, M8X20	
3	4811900	4	Washer, M8	
4	1001167437	1	Bracket	
5	1001173702	Ref	Installation, Steering Select Valve (See Separate Breakdown in this Section)	

FIGURE 8-48. VALVE INSTALLATION - STEER SELECT

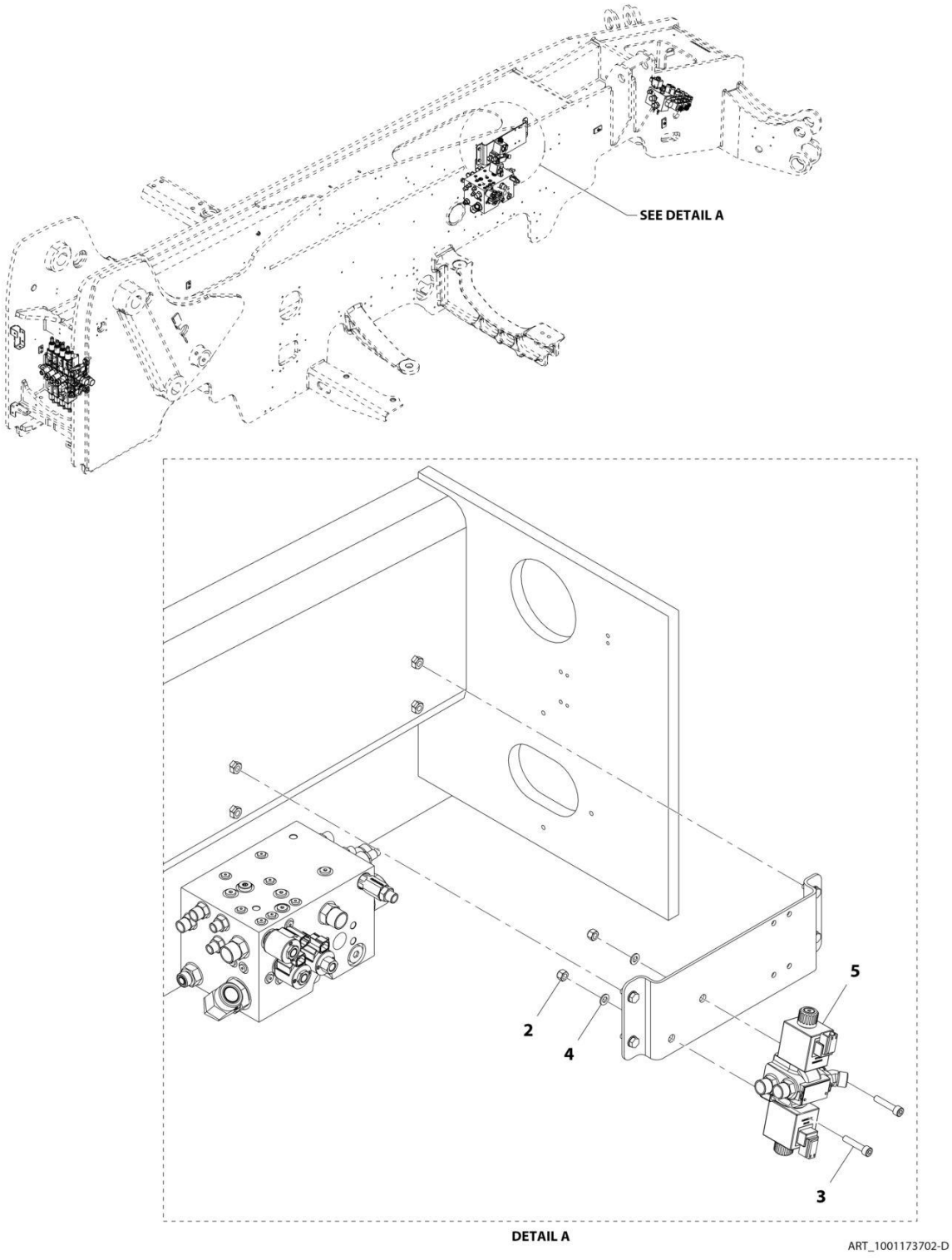


FIGURE 8-48. VALVE INSTALLATION - STEER SELECT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173702	Ref	Steering Select Valve Installation	D
2	3290805	2	Nut, Lock M8X1.25	
3	4031912	2	Bolt, M8X40	
4	4811900	2	Washer, M8	
5	1001161304	1	Assembly, Valve (See Separate Breakdown in this Section)	

FIGURE 8-49. VALVE & FITTINGS ASSEMBLY- STEER SELECT

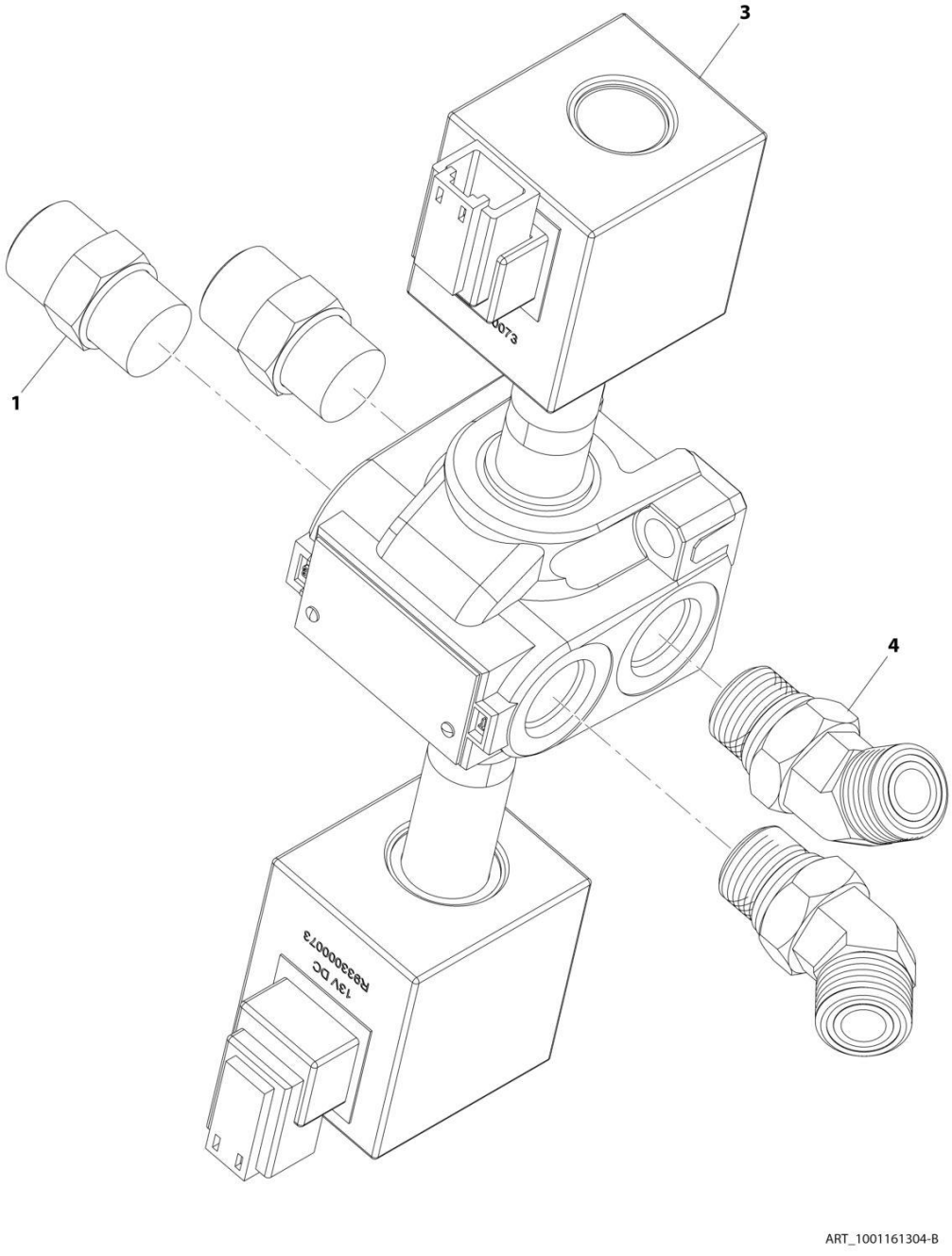


FIGURE 8-49. VALVE & FITTINGS ASSEMBLY- STEER SELECT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161304	Ref	Steering Select Valve Assembly	B
1	2110808	2	Fitting, Straight ORFS	
3	1001153748	1	Assembly, Valve (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
4	2150808	2	Fitting, 45 ORFS	

SECTION 9 - HYDRAULIC COMPONENTS

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-1. COUPLER - HYDRAULIC COUPLER

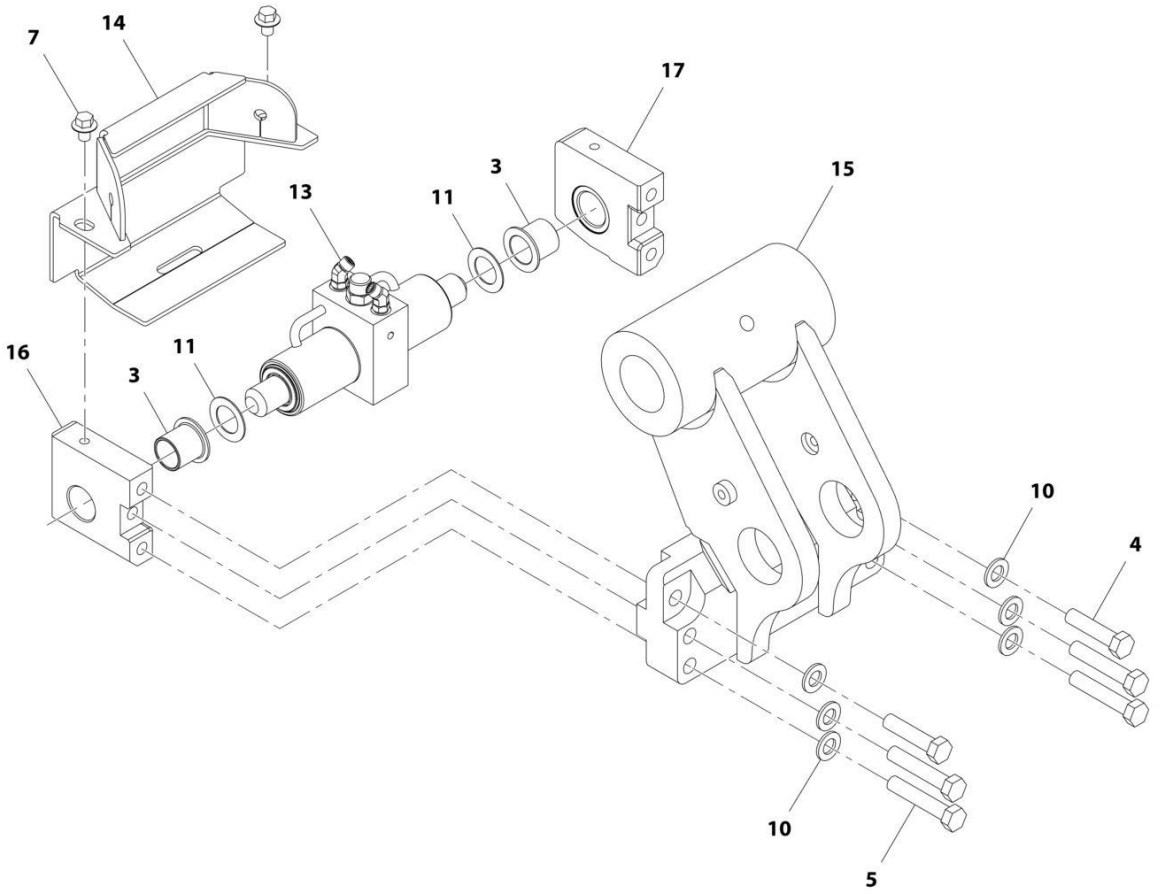


FIGURE 9-1. COUPLER - HYDRAULIC COUPLER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172134	Ref	Hydraulic Quick Coupler Assembly	E
3	0440321	2	Bearing, Flange 1.5 Length	
3	1001263046	2	Bearing, Flange 1.375 Length	
4	1001191503	2	Bolt, M16X1.5X17 GR10.9	
5	1001191505	4	Bolt, M16X1.5X85 GR10.9	
7	0781208	2	Bolt, M12X16	
10	5241600	6	Washer, M16	
11	91561240	AR	Shim	
13	1001210390	1	Assembly, Quick Coupler Cylinder (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
14	1001164860	1	Cover	
15	1001172075	1	Fitting, Straight	
16	1001172077	1	Plate	
17	1001172078	1	Plate	

FIGURE 9-2. CYLINDER GROUP INSTALLATION (74HP)

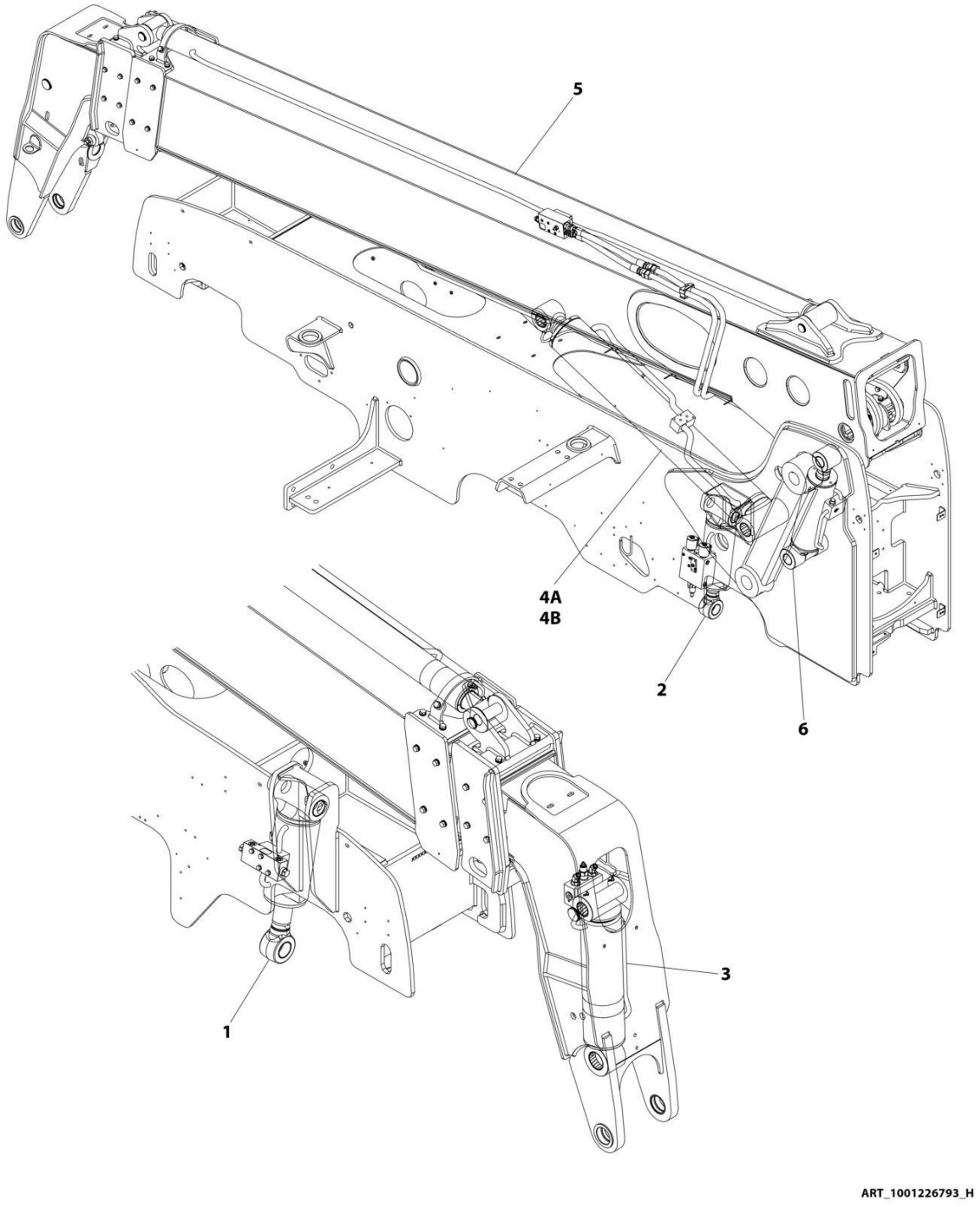


FIGURE 9-2. CYLINDER GROUP INSTALLATION (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226793	Ref	CYLINDER GROUP INSTALLATION - 74HP	G
1	1001162076	1	Cylinder, Frame Level (See Separate Breakdown in this Section)	
2	1001164036	1	Cylinder, Rear Axle Stabilizer (See Separate Breakdown in this Section)	
3	1001184714	1	Cylinder, Tilt (See Separate Breakdown in this Section)	
4	1001264885	1	Lift Cylinder Installation	
4A	8770215	1	Adapter, 90	
4B	1001251096	1	Cylinder, Lift (See Separate Breakdown in this Section)	
5	1001226849	1	Cylinder, Extend/Retract (See Separate Breakdown in this Section)	
6	1001267978	1	Cylinder, Compensation (See Separate Breakdown in this Section)	

FIGURE 9-3. CYLINDER GROUP INSTALLATION (110HP)

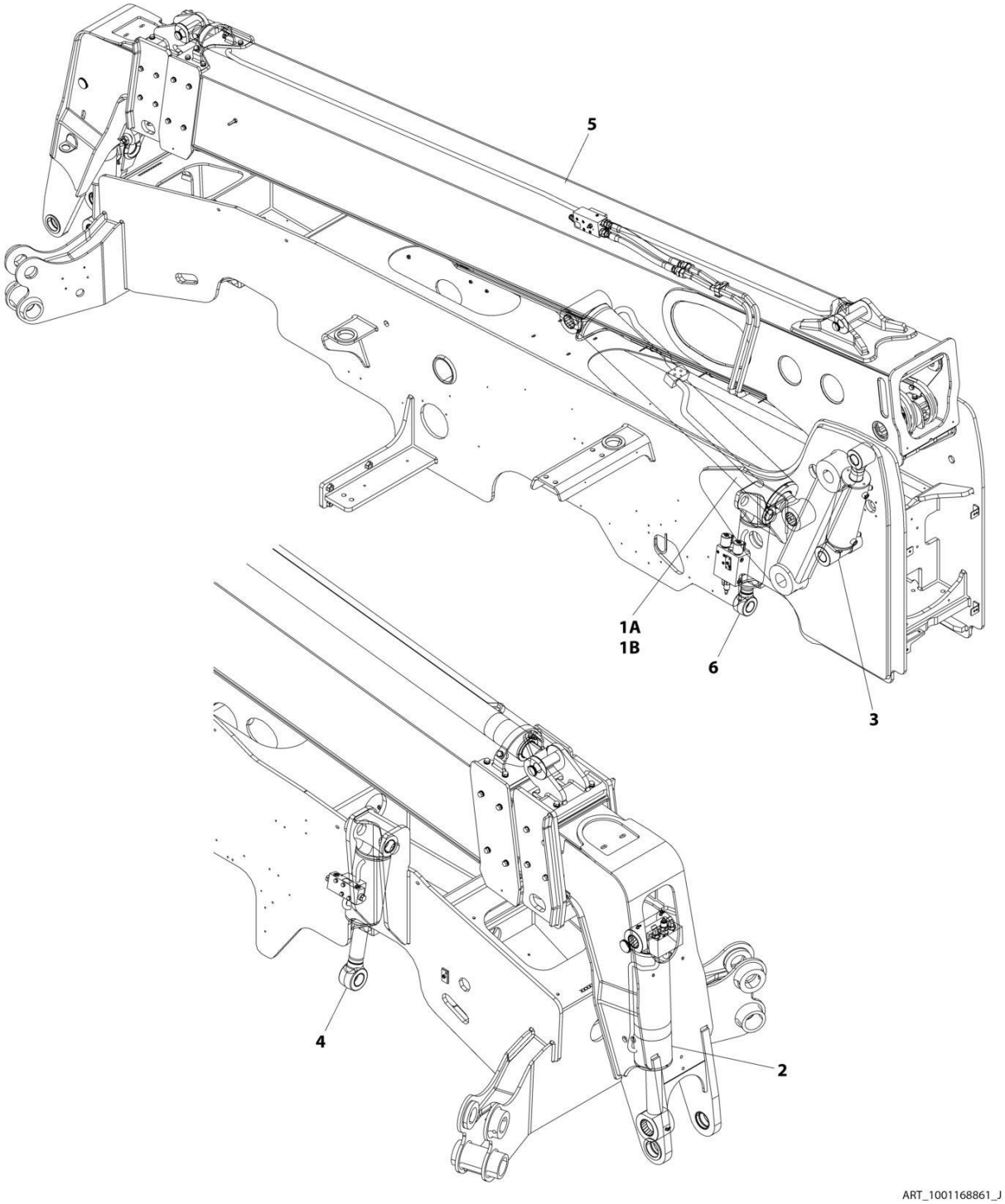


FIGURE 9-3. CYLINDER GROUP INSTALLATION (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168861	Ref	CYLINDER GROUP INSTALLATION - 110HP	J
1	1001264885	1	Lift Cylinder Installation	
1A	8770215	1	Adapter, 90	
1B	1001251096	1	Cylinder, Lift (See Separate Breakdown in this Section)	
2	1001184714	1	Cylinder, Tilt (See Separate Breakdown in this Section)	
3	1001267972	1	Cylinder, Compensation (See Separate Breakdown in this Section)	
4	1001162076	1	Cylinder, Frame Level (See Separate Breakdown in this Section)	
5	1001218577	1	Cylinder, Extend/Retract (See Separate Breakdown in this Section)	
6	1001164036	1	Cylinder, Rear Axle Stabilizer (See Separate Breakdown in this Section)	

FIGURE 9-4. CYLINDER - CARRIAGE SIDE TILT

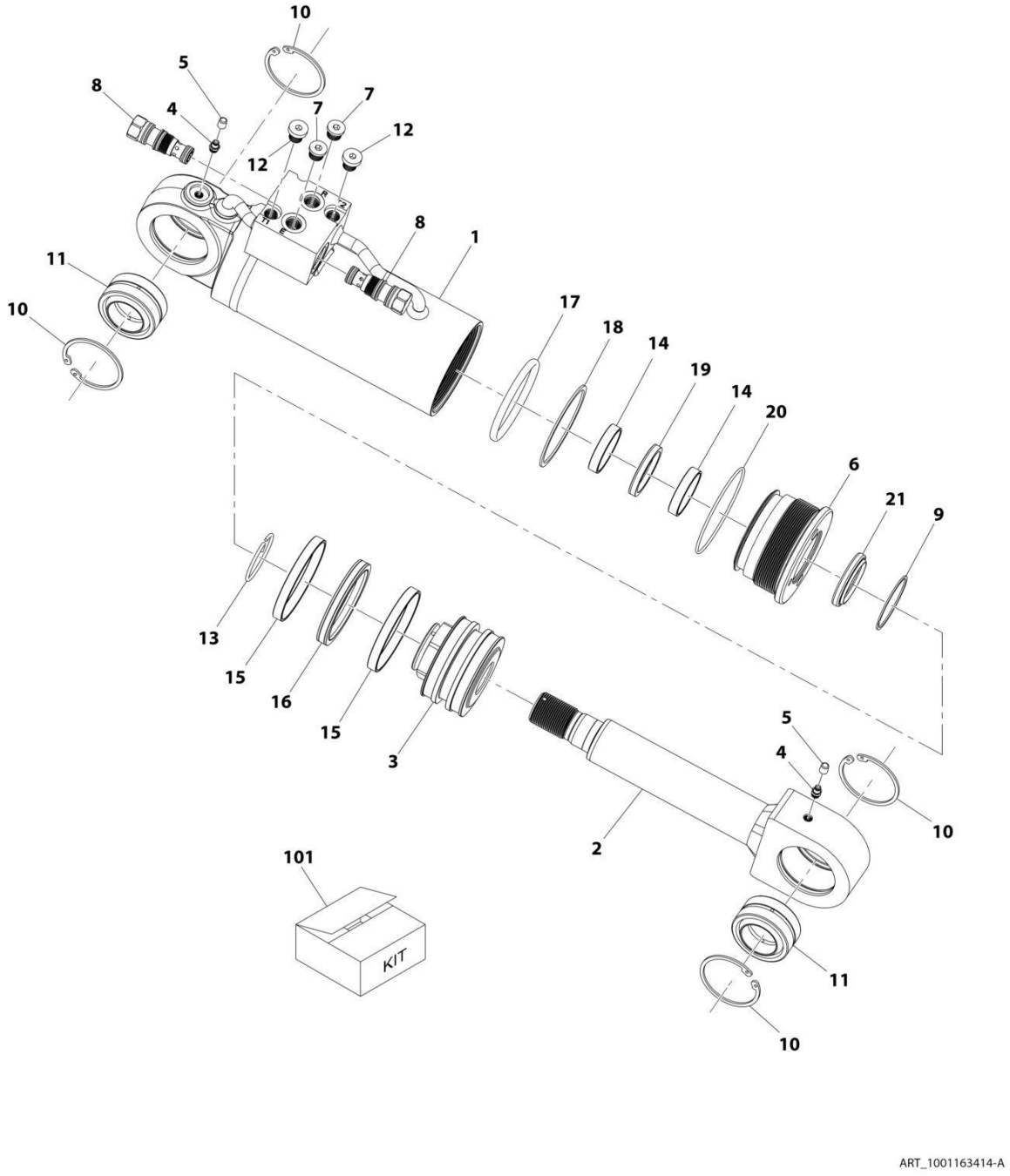


FIGURE 9-4. CYLINDER - CARRIAGE SIDE TILT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163414	Ref	Side Tilt Cylinder	A
		Ref	**Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.**	
1	70026056	1	Barrel	
2	70026057	1	Rod	
3	70026058	1	Piston	
4	70025606	2	Nipple, Grease	
5	70024020	2	Fitting, Grease	
6	70003849	1	Head	
7	70025959	2	Plug	
8	70026059	2	Valve, Check	
9	70002219	1	Ring, Retaining	
10	70026060	4	Ring, Retaining	
11	70026061	2	Bearing	
12	70024262	2	Plug	
13	70002224	1	Ring, Lock	
14	Kit	NSS	Ring, Rod Bearing (Note: Use Item 101)	
15	Kit	NSS	Ring, Piston Bearing (Note: Use Item 101)	
16	Kit	NSS	Seal, Piston (Note: Use Item 101)	
17	Kit	NSS	O-Ring (Note: Use Item 101)	
18	Kit	NSS	Ring, Back-Up (Note: Use Item 101)	
19	Kit	NSS	Seal, Rod (Note: Use Item 101)	
20	Kit	NSS	O-Ring (Note: Use Item 101)	
21	Kit	NSS	Seal, Wiper (Note: Use Item 101)	
101	70026062	1	Kit, Seal (includes items 14 thru 21)	

FIGURE 9-5. CYLINDER - CARRIAGE SWING

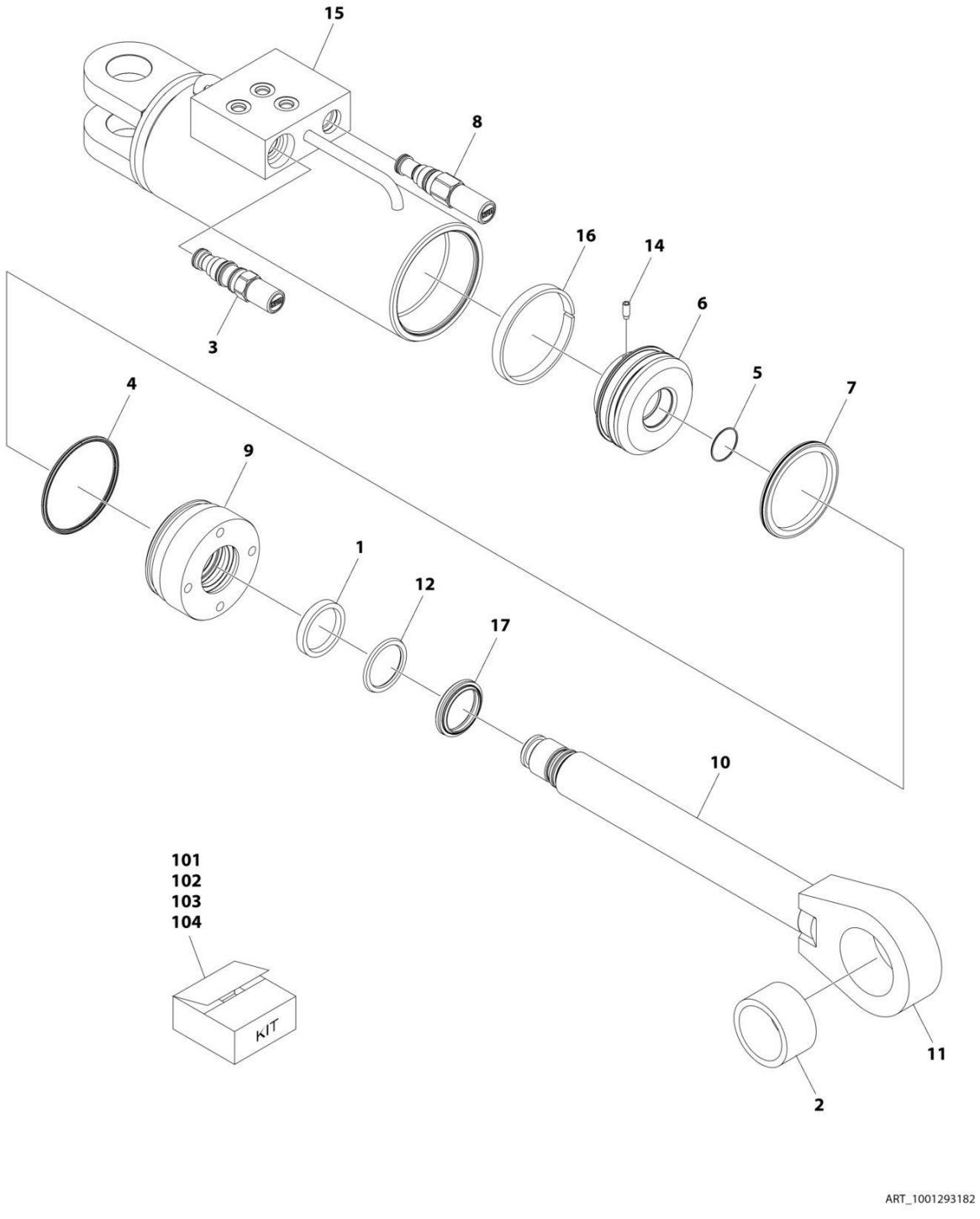


FIGURE 9-5. CYLINDER - CARRIAGE SWING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001293182	Ref	SWING CARRIAGR CYLINDER	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Ring, Buffer (Note: Use Item 101 or 102)	
2	70031329	1	Bushing (Note: Use Item 104)	
3	8033786	1	Valve, Counterbalance	
4	See Note	NSS	Seal, Head (Note: Use Item 101 or 102)	
5	See Note	NSS	O-Ring (Note: Use Item 101)	
6	See Note	NSS	Piston (Note: Use Item 103)	
7	See Note	NSS	Seal, Piston (Note: Use Item 101 or 103)	
8	8902842	1	Valve, Relief	
9	See Note	NSS	Retainer (Note: Use Item 102)	
10	See Note	NSS	Rod (Note: Use Item 104)	
11	See Note	NSS	Rod End (Note: Use Item 104)	
12	See Note	NSS	Seal, Rod (Note: Use Item 101 or 102)	
14	See Note	NSS	Setscrew (Note: Use Item 103)	
15	See Note	NSS	Shell Assembly (Note: No Service Parts Available)	
16	See Note	NSS	Ring, Wear (Note: Use Items 101 or 103)	
17	See Note	NSS	Wiper (Note: Use Items 101 or 102)	
101	70031325	1	Seal Kit (Includes Items # 1, 4-5, 7, 12, 16 & 17)	
102	70031326	1	Retainer Kit (Includes Items # 1, 4, 9, 12 & 17)	
103	70031327	1	Piston Kit (Includes Items # 6-7, 14 & 16)	
104	70031328	1	Rod Service Kit (Includes Items # 2 & 10-11)	

FIGURE 9-6. CYLINDER - COMPENSATION (74HP)

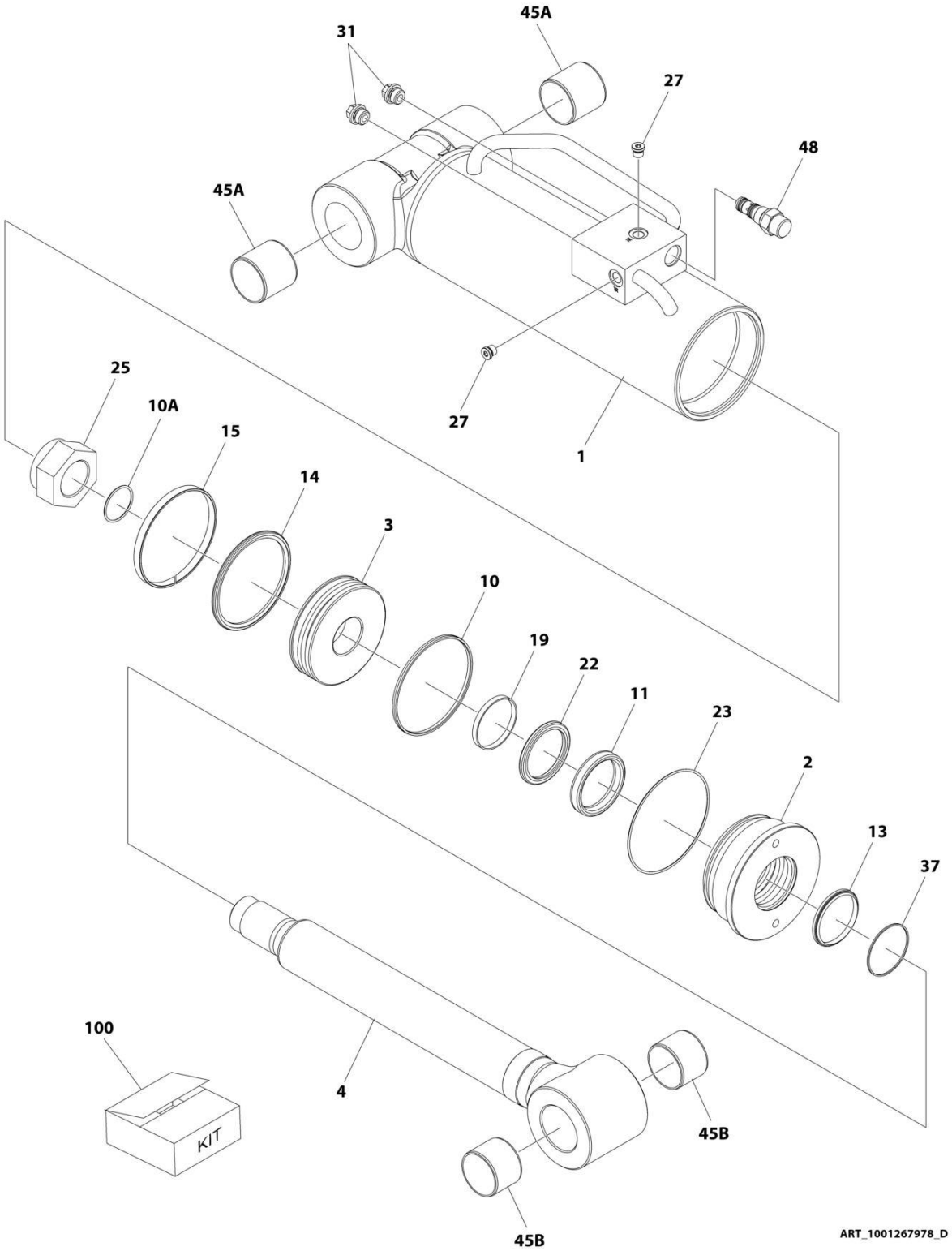


FIGURE 9-6. CYLINDER - COMPENSATION (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267978	Ref	CYLINDER ASSEMBLY	D
		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 1001267978)	
2	70030396	1	Head	
3	70030397	1	Piston	
4	70030405	1	Rod	
10	See Note	NSS	Seal, Dual (Note: Use Item 100)	
10A	See Note	NSS	O-Ring (Note: Use Item 100)	
11	See Note	NSS	Seal, Rod (Note: Use Item 100)	
13	See Note	NSS	Wiper (Note: Use Item 100)	
14	See Note	NSS	Seal, Piston (Note: Use Item 100)	
15	See Note	NSS	Ring, Wear (Note: Use Item 100)	
19	See Note	NSS	Ring, Wear (Note: Use Item 100)	
22	See Note	NSS	Seal, Buffer (Note: Use Item 100)	
23	See Note	NSS	Seal, Environmental (Note: Use Item 100)	
25	70030391	1	Nut 1-3/4	
27	2220883	2	Plug	
31		Ref	Cap, Protective	
37	70030399	1	Mask, Wiper	
45A	70030400	2	Bushing	
45B	70030401	2	Bushing	
48	1001198366	1	Cartridge, Counterbalance Valve	
100	70030402	1	Seal Kit (Includes Items 10, 10A, 11, 13, 14, 15, 19, 22 & 23)	

FIGURE 9-7. CYLINDER - COMPENSATION (110HP)

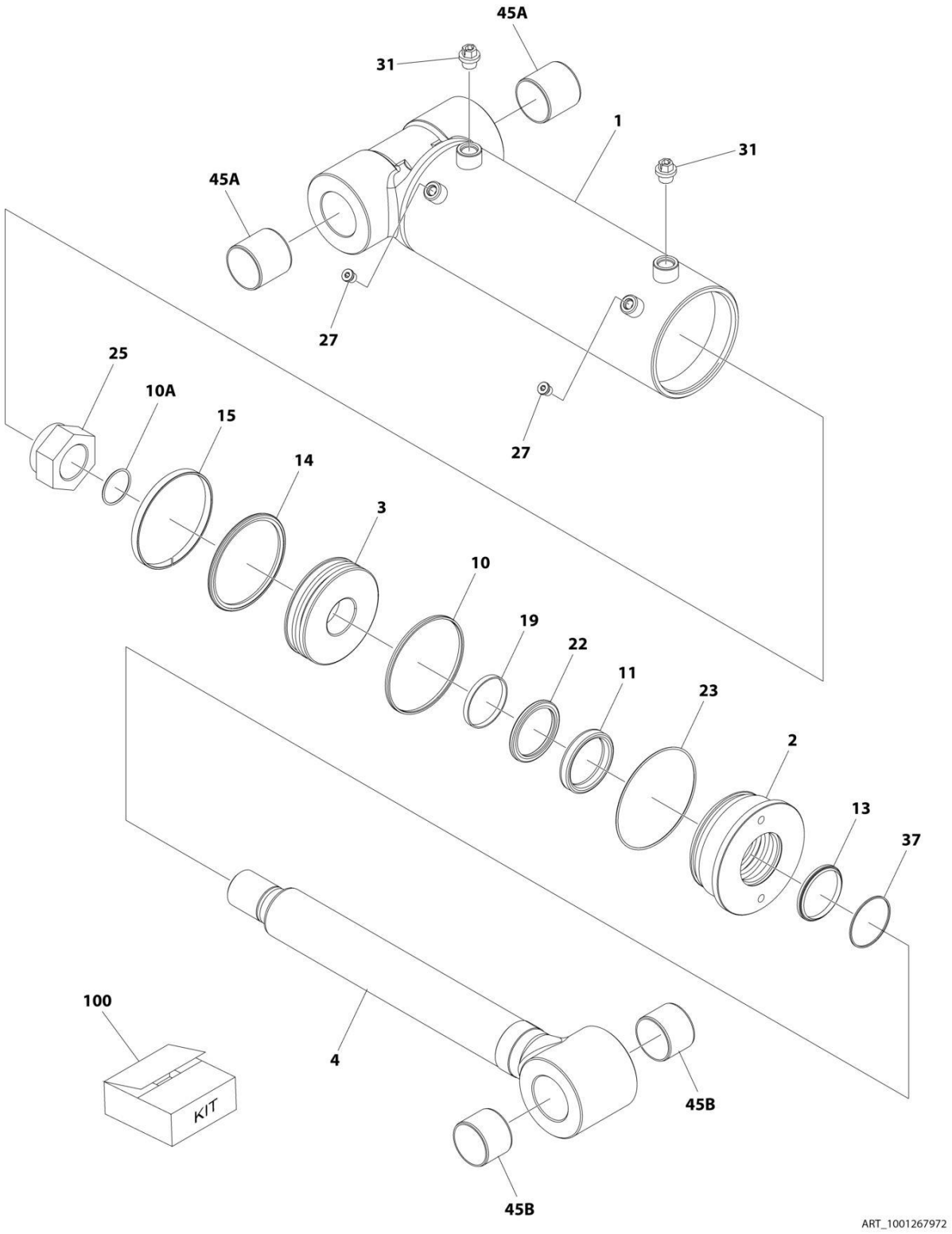
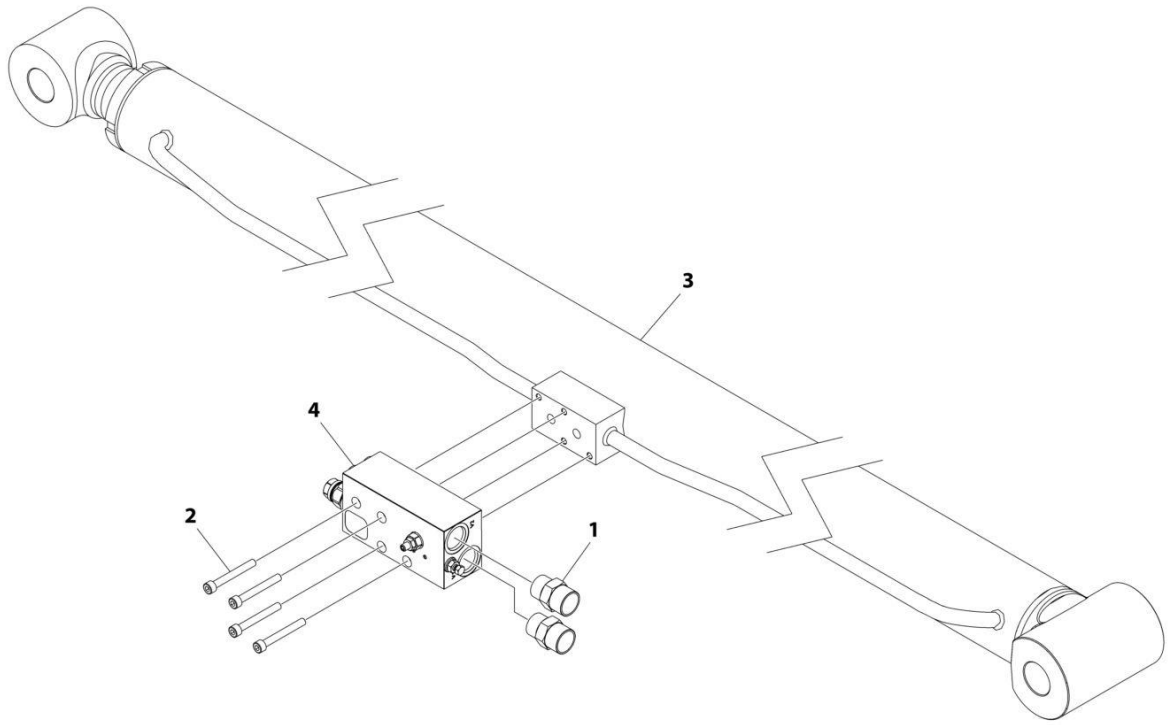


FIGURE 9-7. CYLINDER - COMPENSATION (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267972	Ref	CYLINDER ASSEMBLY	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 1001267972)	
2	70030396	1	Head	
3	70030397	1	Piston	
4	70030398	1	Rod	
10	See Note	NSS	Seal, Dual (Note: Use Item 100)	
10A	See Note	NSS	O-Ring (Note: Use Item 100)	
11	See Note	NSS	Seal, Rod (Note: Use Item 100)	
13	See Note	NSS	Wiper (Note: Use Item 100)	
14	See Note	NSS	Seal, Piston (Note: Use Item 100)	
15	See Note	NSS	Ring, Wear (Note: Use Item 100)	
19	See Note	NSS	Ring, Wear (Note: Use Item 100)	
22	See Note	NSS	Seal, Buffer (Note: Use Item 100)	
23	See Note	NSS	Seal, Environmental (Note: Use Item 100)	
25	70030391	1	Nut 1-3/4	
27	2220883	2	Plug	
31		Ref	Cap, Protective	
37	70030399	1	Mask, Wiper	
45A	70030400	2	Bushing	
45B	70030401	2	Bushing	
100	70030402	1	Seal Kit (Includes Items 10, 10A, 11, 13, 14, 15, 19, 22 & 23)	

FIGURE 9-8. CYLINDER & VALVE SUB-ASSEMBLY - EXTEND/RETRACT (74HP)

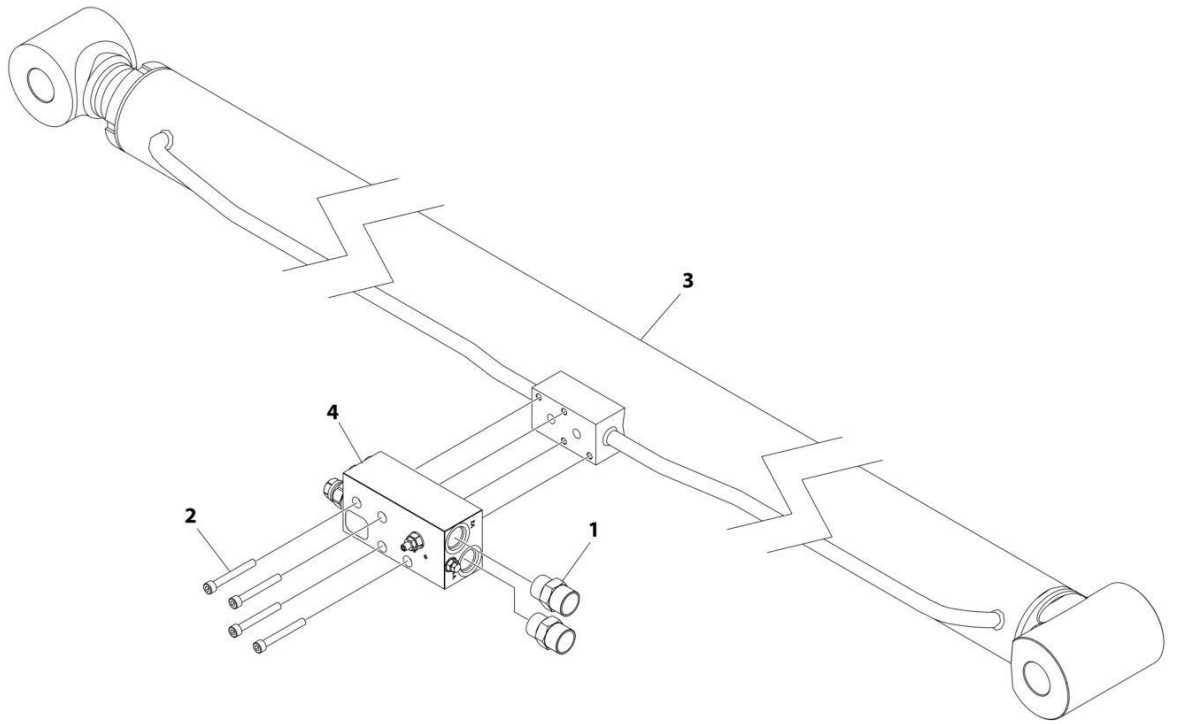


ART_1001226849_D

FIGURE 9-8. CYLINDER & VALVE SUB-ASSEMBLY - EXTEND/RETRACT (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226849	Ref	CYLINDER AND VALVE SUB-ASSEMBLY - EXTEND/RETRACT (74HP)	D
1	2111212	2	Fitting, Straight ORFS	
2	4031917	4	Bolt M8 x 65	
3	1001251074	1	Extend/Retract Cylinder (See Separate Breakdown in this Section)	
4	1001226876	1	Valve, Counterbalance	

FIGURE 9-9. CYLINDER & VALVE SUB-ASSEMBLY - EXTEND/RETRACT (110HP)



ART_1001218577_D

FIGURE 9-9. CYLINDER & VALVE SUB-ASSEMBLY - EXTEND/RETRACT (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001218577	Ref	CYLINDER AND VALVE SUB-ASSEMBLY - EXTEND/RETRACT (110HP)	D
1	2111212	2	Fitting, Straight ORFS	
2	4031917	4	Bolt M8 x 65	
3	1001251074	1	Extend/Retract Cylinder (See Separate Breakdown in this Section)	
4	1001231065	1	Valve, Counterbalance (includes 2 O-Ring)	

FIGURE 9-10. CYLINDER ASSEMBLY - EXTEND/RETRACT

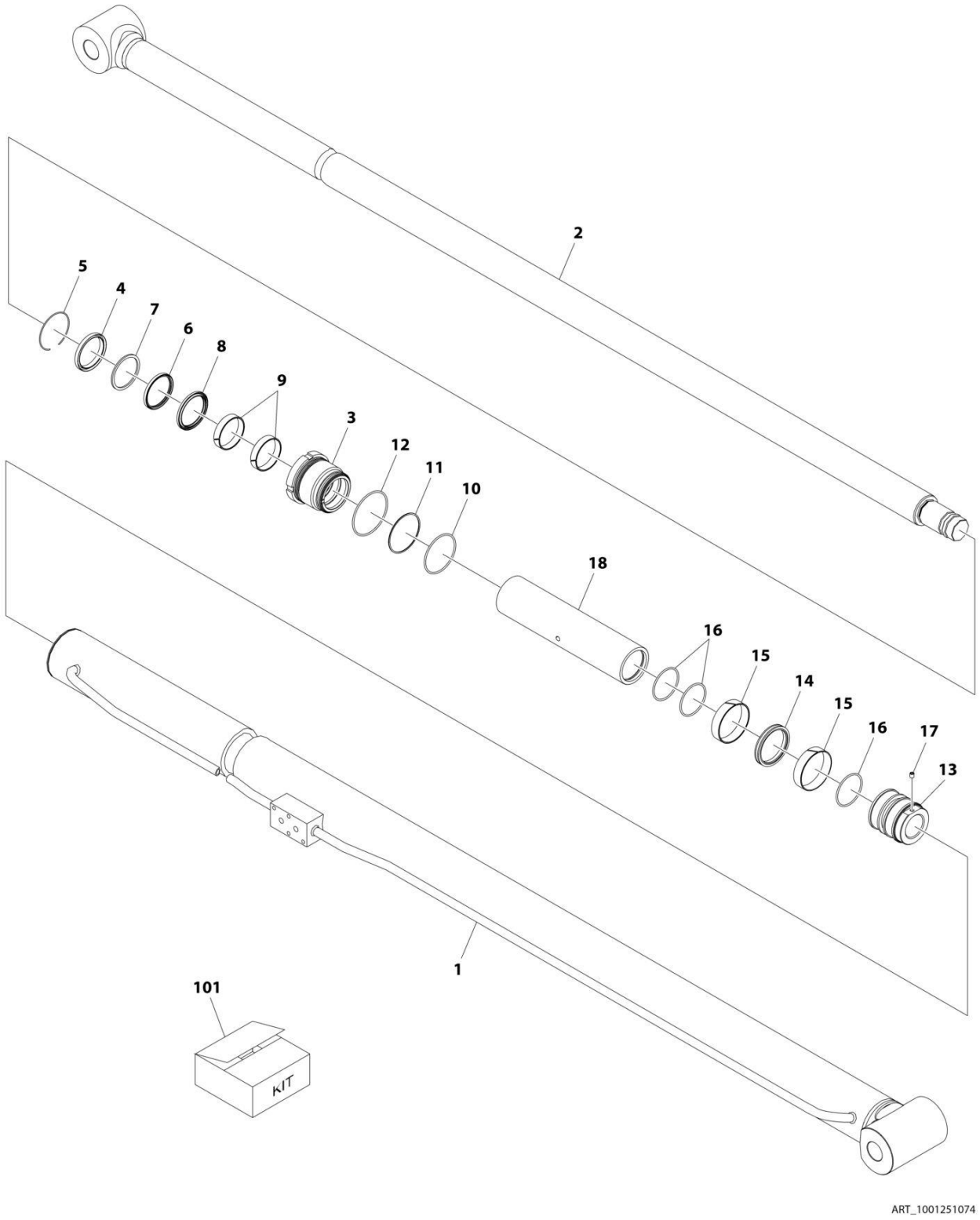


FIGURE 9-10. CYLINDER ASSEMBLY - EXTEND/RETRACT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251074	Ref	CYLINDER ASSEMBLY - EXTEND/RETRACT	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	N.S.S.	1	Barrel	
2	70031334	1	Rod	
3	70031335	1	Head	
4	N.S.S.	1	Wiper, Dust (Note: Use Item 101)	
5	70050795	1	Ring, Retaining	
6	N.S.S.	1	Seal, Rod (Note: Use Item 101)	
7	N.S.S.	1	Ring, Backup (Note: Use Item 101)	
8	N.S.S.	1	Ring, Buffer (Note: Use Item 101)	
9	N.S.S.	2	Ring, Wear (Note: Use Item 101)	
10	N.S.S.	1	O-Ring (Note: Use Item 101)	
11	N.S.S.	1	Ring, Backup (Note: Use Item 101)	
12	70050801	1	O-Ring	
13	70031336	1	Piston	
14	N.S.S.	1	Seal, Piston (Note: Use Item 101)	
15	N.S.S.	2	Ring, Wear (Note: Use Item 101)	
16	N.S.S.	3	O-Ring (Note: Use Item 101)	
17	70023369	1	Set-Screw	
18	70031337	1	Spacer	
101	70031338	1	Seal Kit (Includes Items 4, 6-11 & 14-16)	

FIGURE 9-11. CYLINDER - FORK POSITIONING

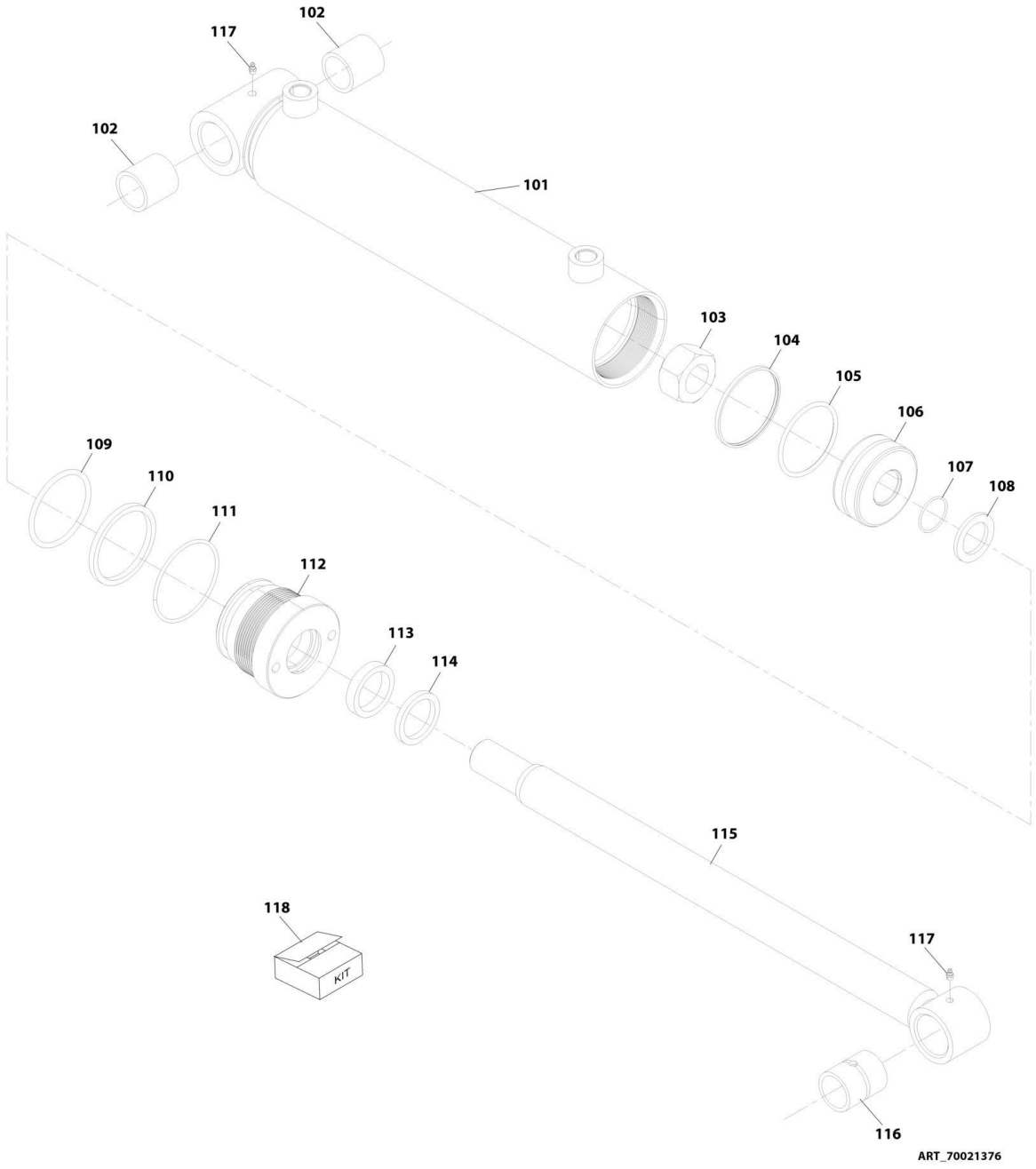


FIGURE 9-11. CYLINDER - FORK POSITIONING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70021376	1	Cylinder Assembly, Side Shift Carriage 12K	
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
101	See Note	NSS	Barrel (Note: Use PN 70021376)	
102	70021448	2	Bushing	
103	70021440	1	Nut	
104	See Note	NSS	Ring, Piston (Note Use Item 118)	
105	See Note	NSS	O-Ring (Note: Use Item 118)	
106	70021451	1	Piston	
107	See Note	NSS	O-Ring (Note: Use Item 118)	
108	70021444	1	Spacer, Sheave	
109	See Note	NSS	O-Ring (Note: Use Item 118)	
110	See Note	NSS	Washer, Back-Up (Note: Use Item 118)	
111	See Note	NSS	O-Ring (Note: Use Item 118)	
112	70021446	1	Head	
113	See Note	NSS	Seal (Note: Use Item 118)	
114	See Note	NSS	Wiper, Rod (Note: Use Item 118)	
115	70021445	1	Rod	
116	70021447	1	Bushing	
117	90554045	2	Grease Fitting	
118	70021452	1	Seal Kit, (includes items 104, 105, 107, 109, 110, 111, 113 & 114)	

FIGURE 9-12. CYLINDER - FORK POSITIONING

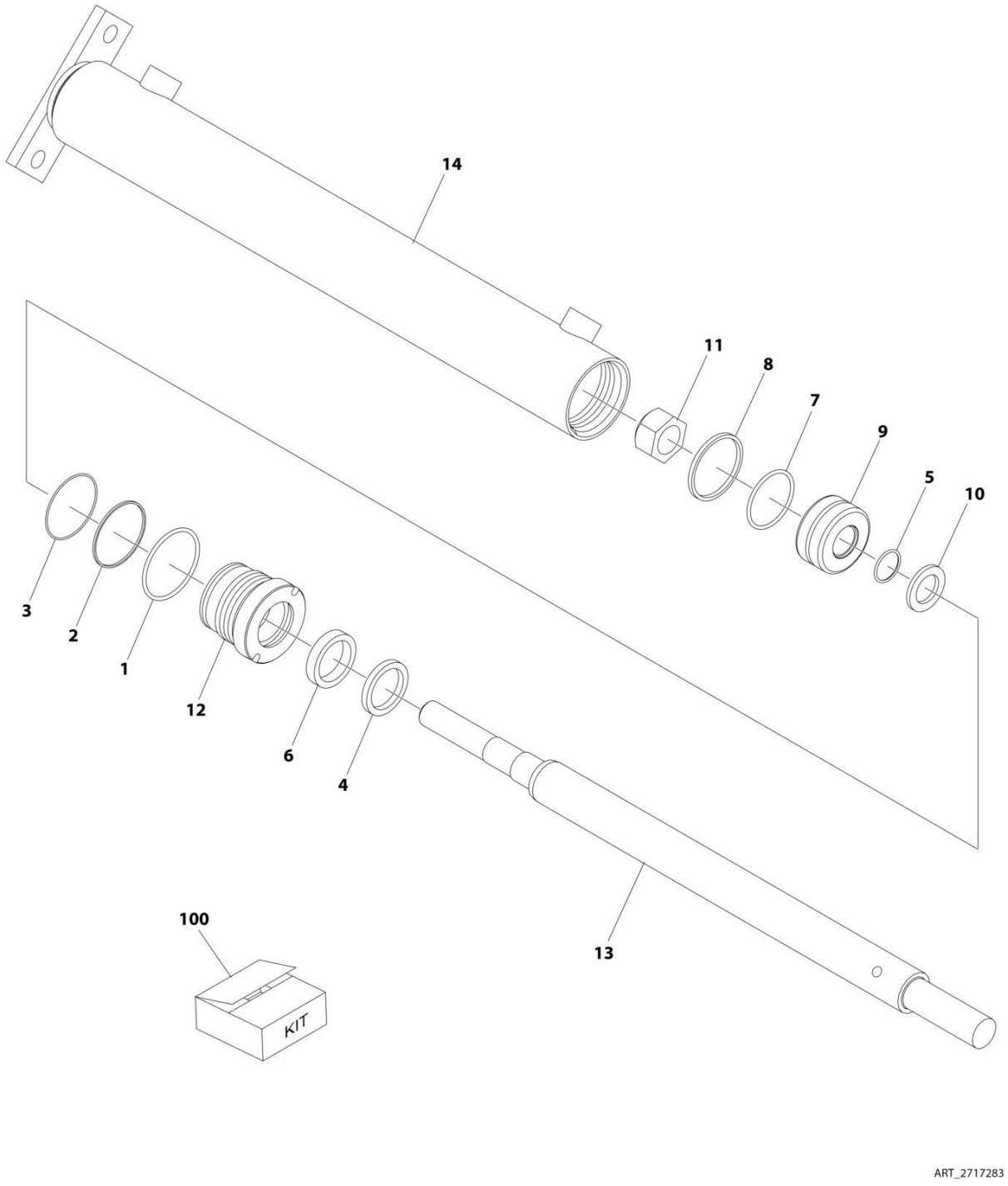


FIGURE 9-12. CYLINDER - FORK POSITIONING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2717283	Ref	FORK POSITIONING CYLINDER	B
		Ref	**Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.**	
1	See Note	NSS	O-Ring (Use Item 100)	
2	See Note	NSS	Ring, Back-up (Use Item 100)	
3	See Note	NSS	O-Ring (Use Item 100)	
4	See Note	NSS	Seal (Use Item 100)	
5	See Note	NSS	O-Ring (Use Item 100)	
6	See Note	NSS	Seal (Use Item 100)	
7	See Note	NSS	O-Ring (Use Item 100)	
8	See Note	NSS	Seal (Use Item 100)	
9	70026771	1	Piston	
10	70026775	1	Washer	
11	70026770	1	Nut	
12	70026774	1	Head	
13	70026773	1	Rod	
14	See Note	NSS	Barrel (Note: Use PN 2717283)	
100	8036733	1	Seal Kit (includes items 1 thru 8)	

FIGURE 9-13. CYLINDER INSTALLATION - FRAME LEVEL

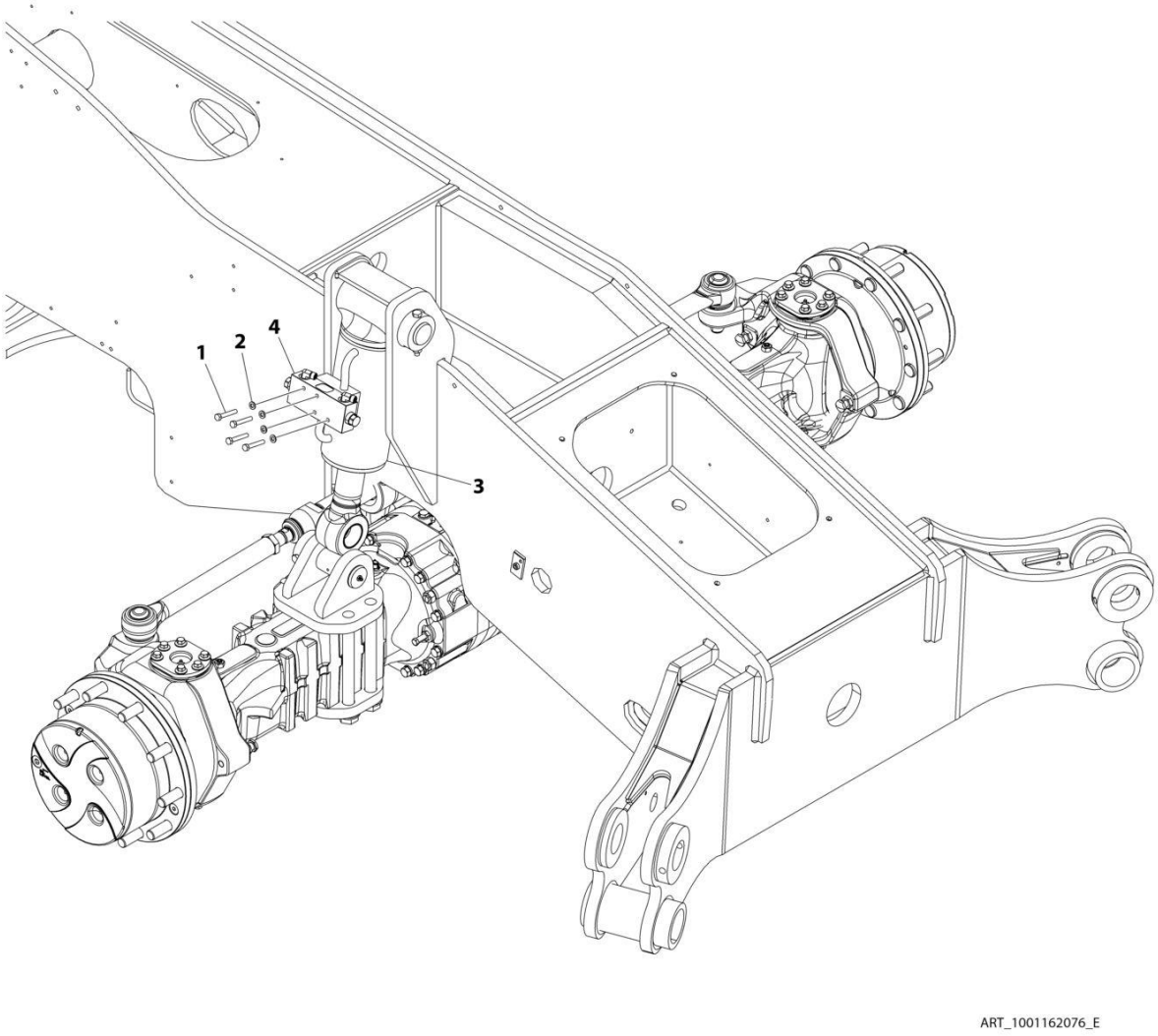


FIGURE 9-13. CYLINDER INSTALLATION - FRAME LEVEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162076	Ref	FRAME LEVEL CYLINDER INSTALLATION	E
1	0700818	4	Bolt M8 x 50	
2	4811900	4	Washer M8	
3	1001267970	1	Cylinder, Frame Stability (See Separate Breakdown in this Section)	
4	1001252522	1	Valve, Counterbalance	

FIGURE 9-14. CYLINDER - FRAME LEVEL

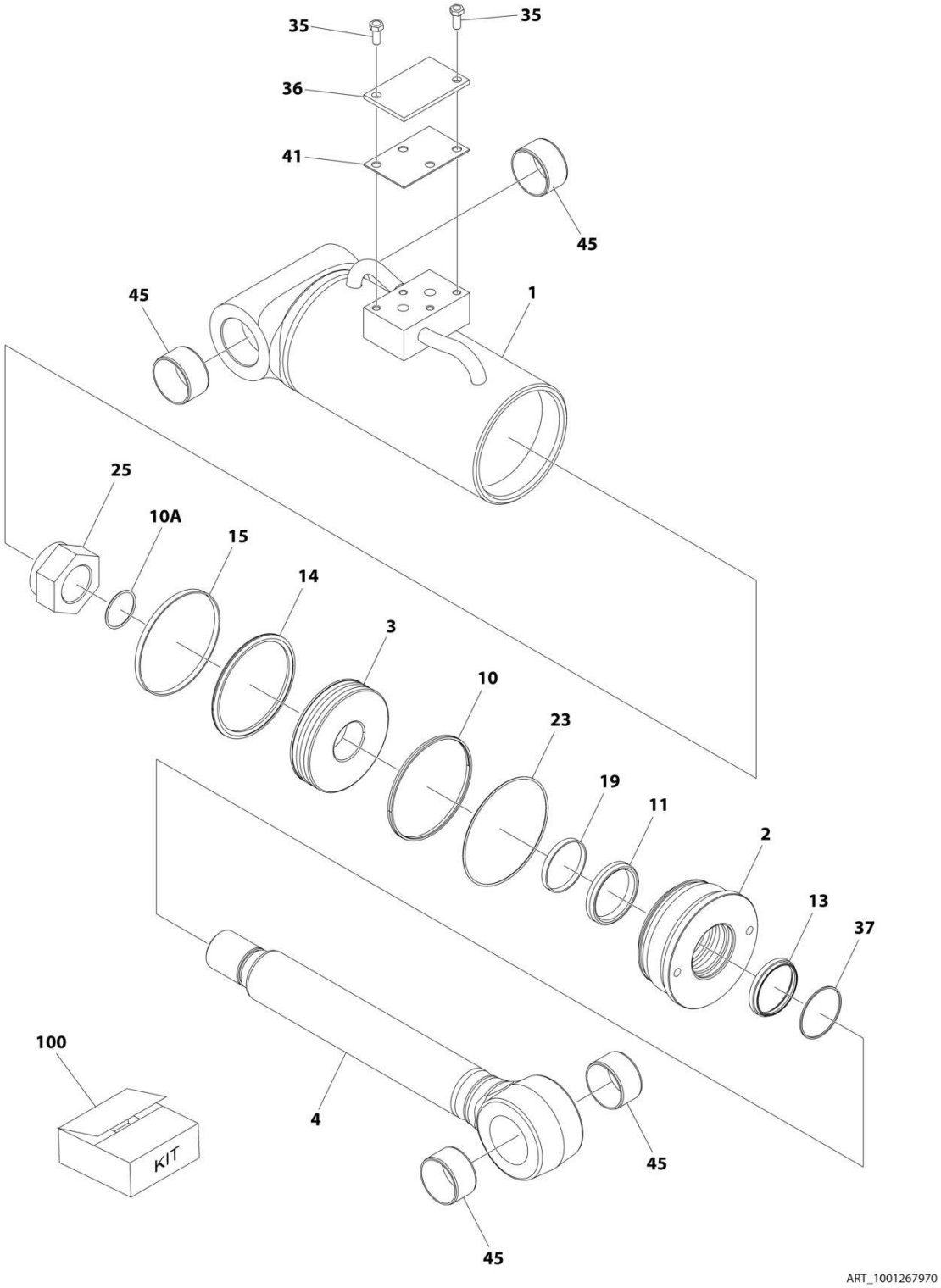


FIGURE 9-14. CYLINDER - FRAME LEVEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267970	Ref	CYLINDER ASSEMBLY	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 1001267970)	
2	70030388	1	Head	
3	70030389	1	Piston	
4	70030395	1	Rod	
10	See Note	NSS	Seal, Dual (Note: Use Item 100)	
10A	See Note	NSS	O-Ring (Note: Use Item 100)	
11	See Note	NSS	Seal, Rod (Note: Use Item 100)	
13	See Note	NSS	Wiper (Note: Use Item 100)	
14	See Note	NSS	Seal, Piston (Note: Use Item 100)	
15	See Note	NSS	Ring, Wear (Note: Use Item 100)	
19	See Note	NSS	Ring, Wear (Note: Use Item 100)	
23	See Note	NSS	Seal, Environmental (Note: Use Item 100)	
25	70030391	1	Nut 1-3/4	
35		Ref	Bolt M8 x 1-1/4	
36		Ref	Plate, Shipping	
37	70030392	1	Mask, Wiper	
41		Ref	Gasket, Shipping	
45	70030393	4	Bushing	
100	70030394	1	Seal Kit (Includes Items 10, 10A, 11, 13, 14, 15, 19 & 23)	

FIGURE 9-15. CYLINDER ASSEMBLY - GRAPPLE BUCKET

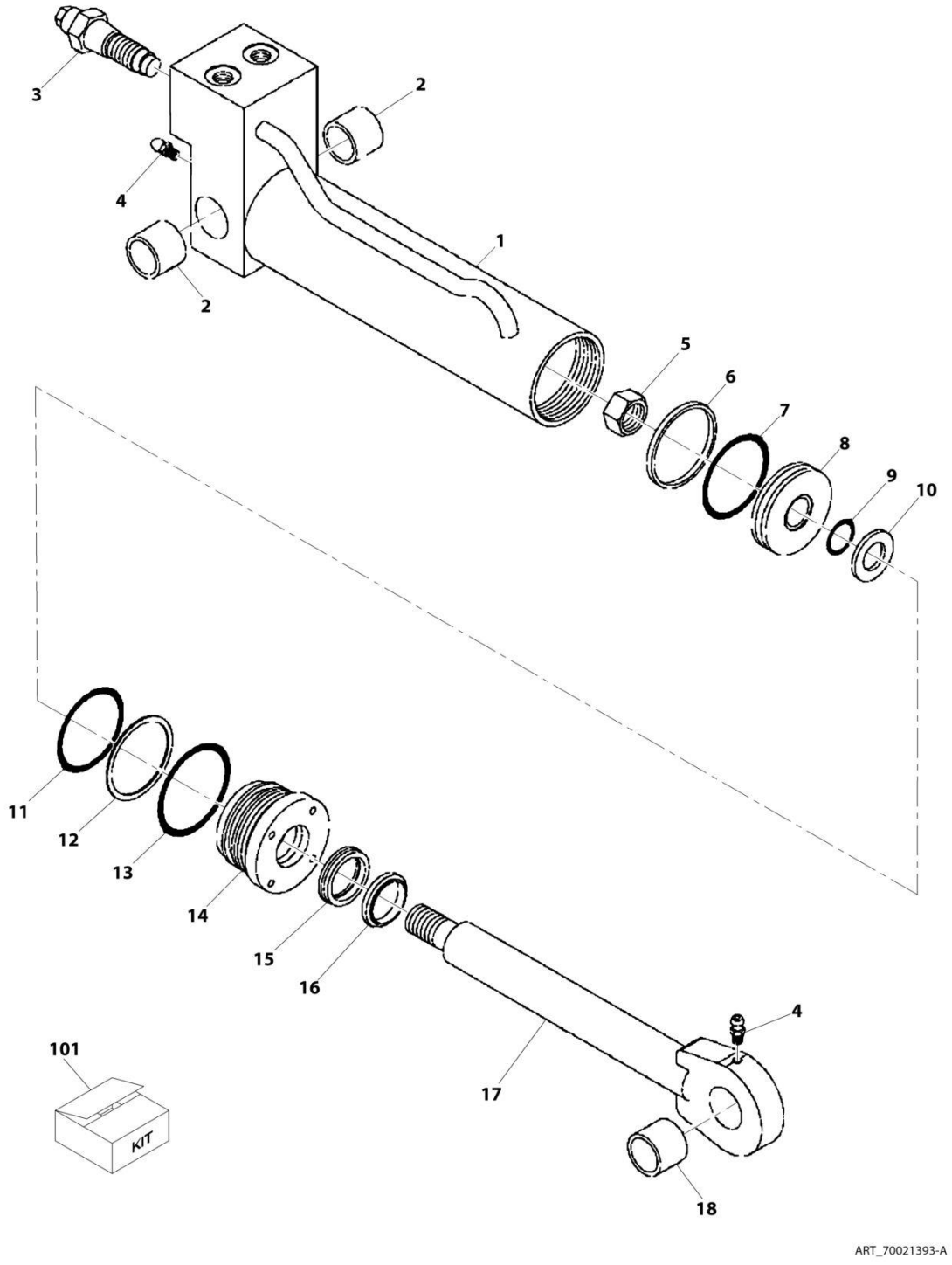


FIGURE 9-15. CYLINDER ASSEMBLY - GRAPPLE BUCKET

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70021393	Ref	Grapple Bucket Cylinder	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70021465	1	Barrel	
2	70021448	2	Bushing	
3	70021464	2	Cartridge, Valve	
4	90554045	2	Fitting, Grease	
5	70021440	1	Nut	
6	Kit	NSS	Ring, Piston (Note: Use Item 101)	
7	Kit	NSS	O-Ring (Note: Use Item 101)	
8	70021451	1	Piston	
9	Kit	NSS	O-Ring (Note: Use Item 101)	
10	70021444	1	Washer	
11	Kit	NSS	O-Ring (Note: Use Item 101)	
12	Kit	NSS	Washer, Back-Up (Note: Use Item 101)	
13	Kit	NSS	O-Ring (Note: Use Item 101)	
14	70021446	1	Head	
15	Kit	NSS	Seal, Poly-Pak (Note: Use Item 101)	
16	Kit	NSS	Wiper, Rod (Note: Use Item 101)	
17	70021466	1	Rod	
18	70021447	1	Bushing	
101	70021452	1	Kit, Seal (includes items 6, 7, 9, 11 thru 13, 15 & 16)	

FIGURE 9-16. CYLINDER ASSEMBLY - LIFT

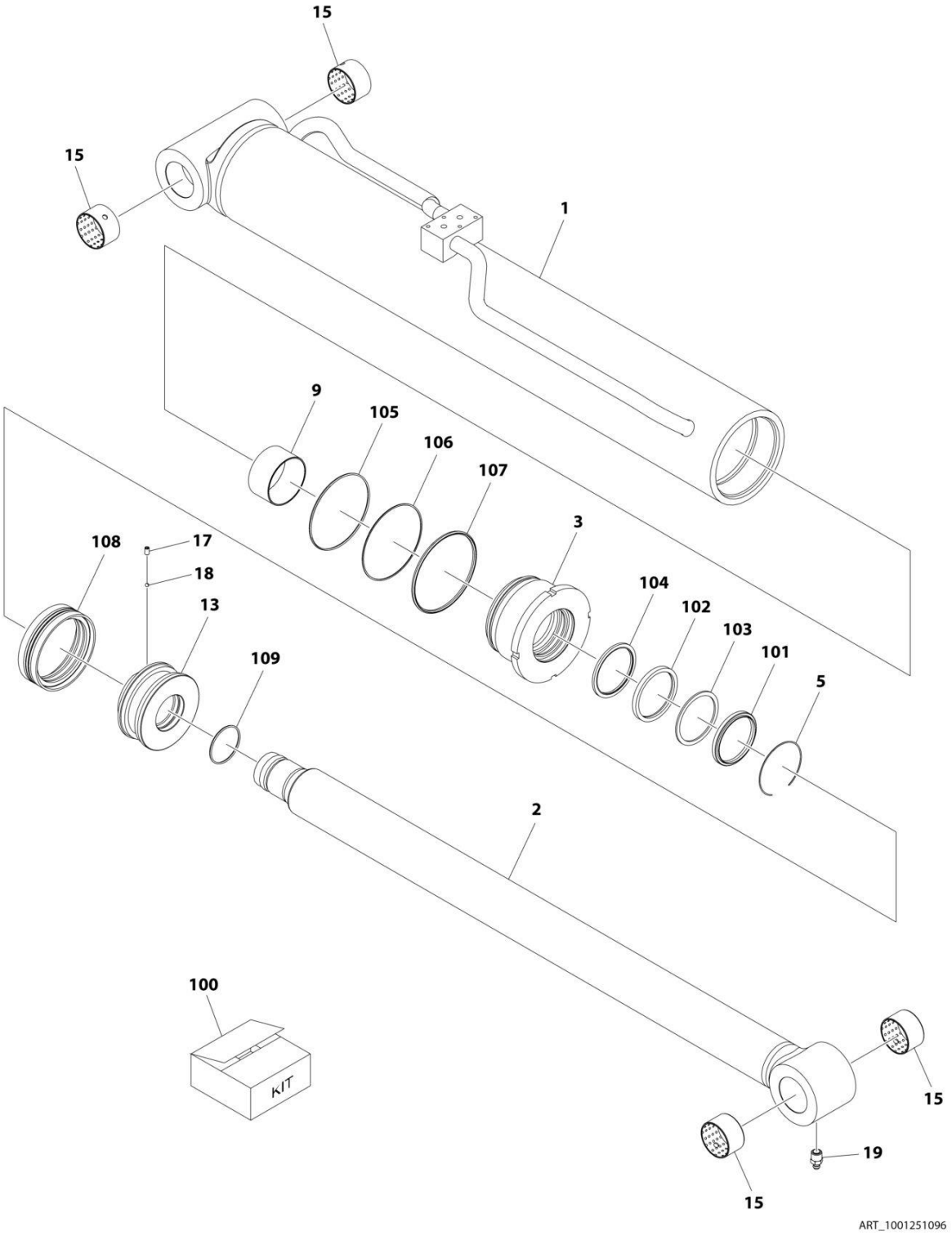


FIGURE 9-16. CYLINDER ASSEMBLY - LIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251096	Ref	Lift Cylinder	C
		Ref	**Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.**	
1	N.S.S.	1	Barrel	
2	70029806	1	Rod	
3	70029807	1	Head	
5	70023380	1	Ring, Retaining	
7	1001170138	4	Bush Bearing (Not Shown)	
9	70029802	1	Bearing	
13	70029808	1	Piston	
15	70027753	4	Bearing	
17	70029468	1	Setscrew	
18	70022564	1	Steel Ball	
19	70023376	1	Fitting, Grease	
100	70029809	1	Kit, Seal (includes items 101 thru 111)	
101	Kit	1	Wiper	
102	Kit	1	Rod Seal	
103	Kit	1	Ring, Backup	
104	Kit	1	Buffer	
105	Kit	1	O-Ring	
106	Kit	1	Ring, Backup	
107	Kit	1	O-Ring	
108	Kit	1	Piston Seal	
109	Kit	1	O-Ring	

FIGURE 9-17. CYLINDER SUB-ASSEMBLY - QUICK COUPLER

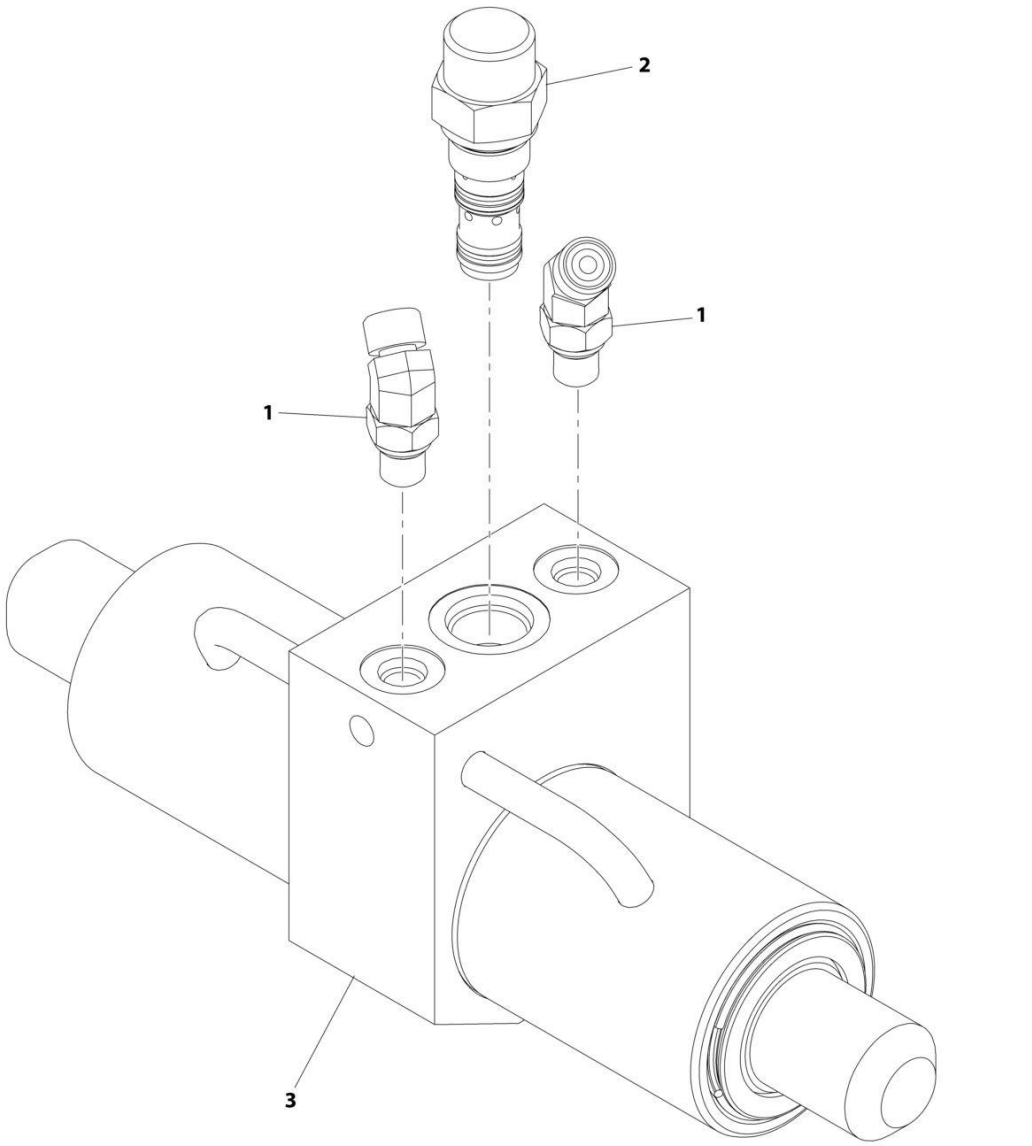


FIGURE 9-17. CYLINDER SUB-ASSEMBLY - QUICK COUPLER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210390	Ref	Quick Coupler Cylinder Assembly	A
1	2150404	2	Fitting, 45 ORFS	
2	1001007056	1	Valve, Check	
3	1001120163	1	Cylinder, Quick Coupler (See Separate Breakdown in this Section)	

FIGURE 9-18. CYLINDER - QUICK COUPLER

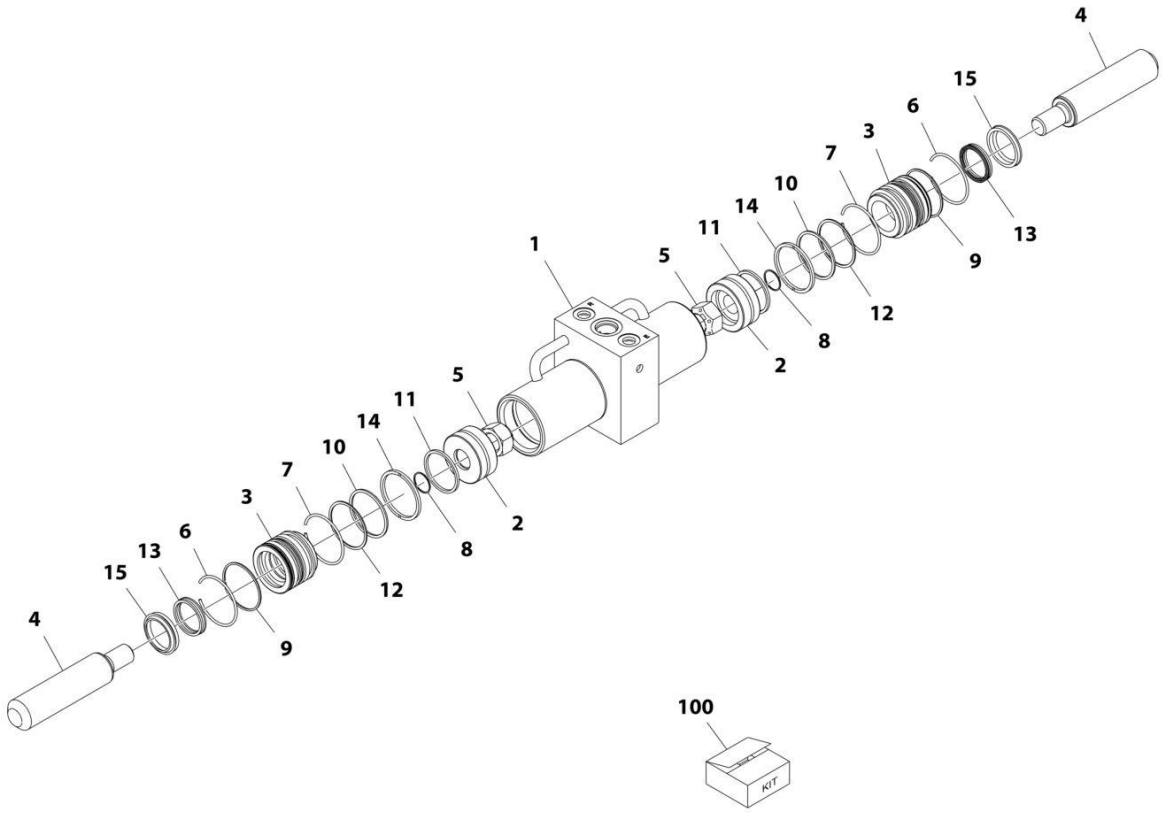
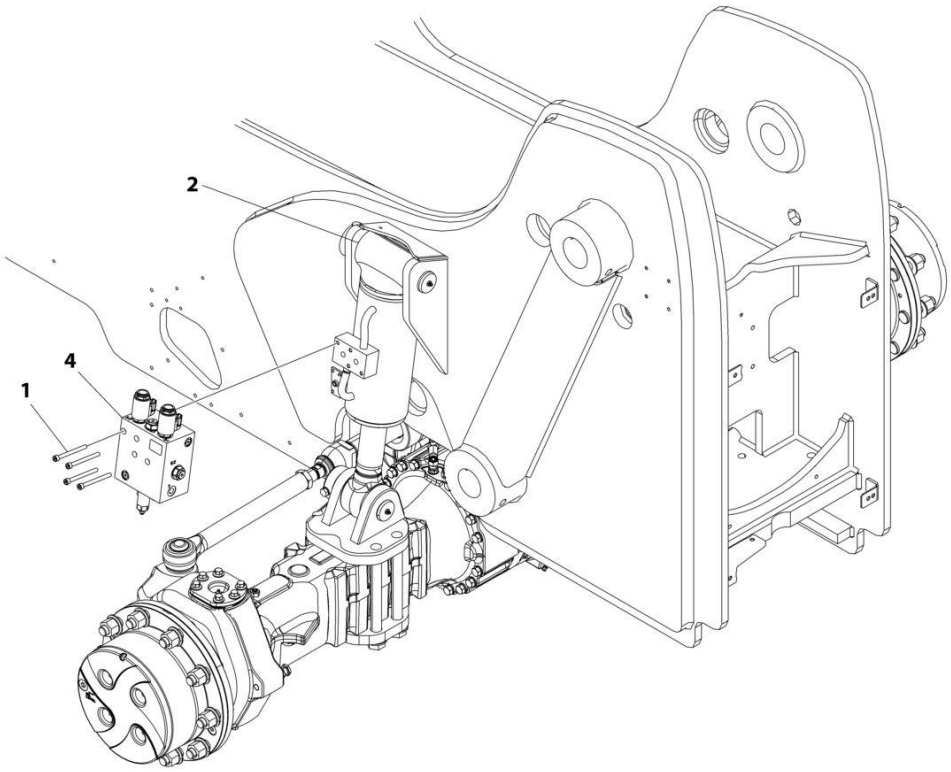


FIGURE 9-18. CYLINDER - QUICK COUPLER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001120163	Ref	Quick Coupler Cylinder	D
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70026211	1	Barrel	
2	70026212	2	Piston	
3	70026213	2	Head Gland	
4	70026214	2	Cylinder Rod	
5	8037140	2	Locknut	
6	Kit	2	Round Retaining Ring	
7	Kit	2	Round Retaining Ring	
8	Kit	2	O-Ring	
9	Kit	2	O-Ring	
10	Kit	2	O-Ring	
11	Kit	2	Square Ring	
12	Kit	2	Backup Ring	
13	Kit	2	Rod Seal	
14	Kit	2	Piston Seal	
15	Kit	2	Rod Wiper	
100	70026215	1	Seal Kit (includes items 6 thru 15)	

FIGURE 9-19. CYLINDER & VALVE INSTALLATION - STABILIZER (REAR AXLE)



ART_1001164036_G

FIGURE 9-19. CYLINDER & VALVE INSTALLATION - STABILIZER (REAR AXLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001164036	Ref	REAR AXLE STABILIZER CYLINDER INSTALLATION	G
1	4031922	4	Screw M8 x 90	
2	1001267969	1	Cylinder, Frame Stability (See Separate Breakdown in this Section)	
4	1001293251	1	Valve	

FIGURE 9-20. CYLINDER - STABILIZER (REAR AXLE)

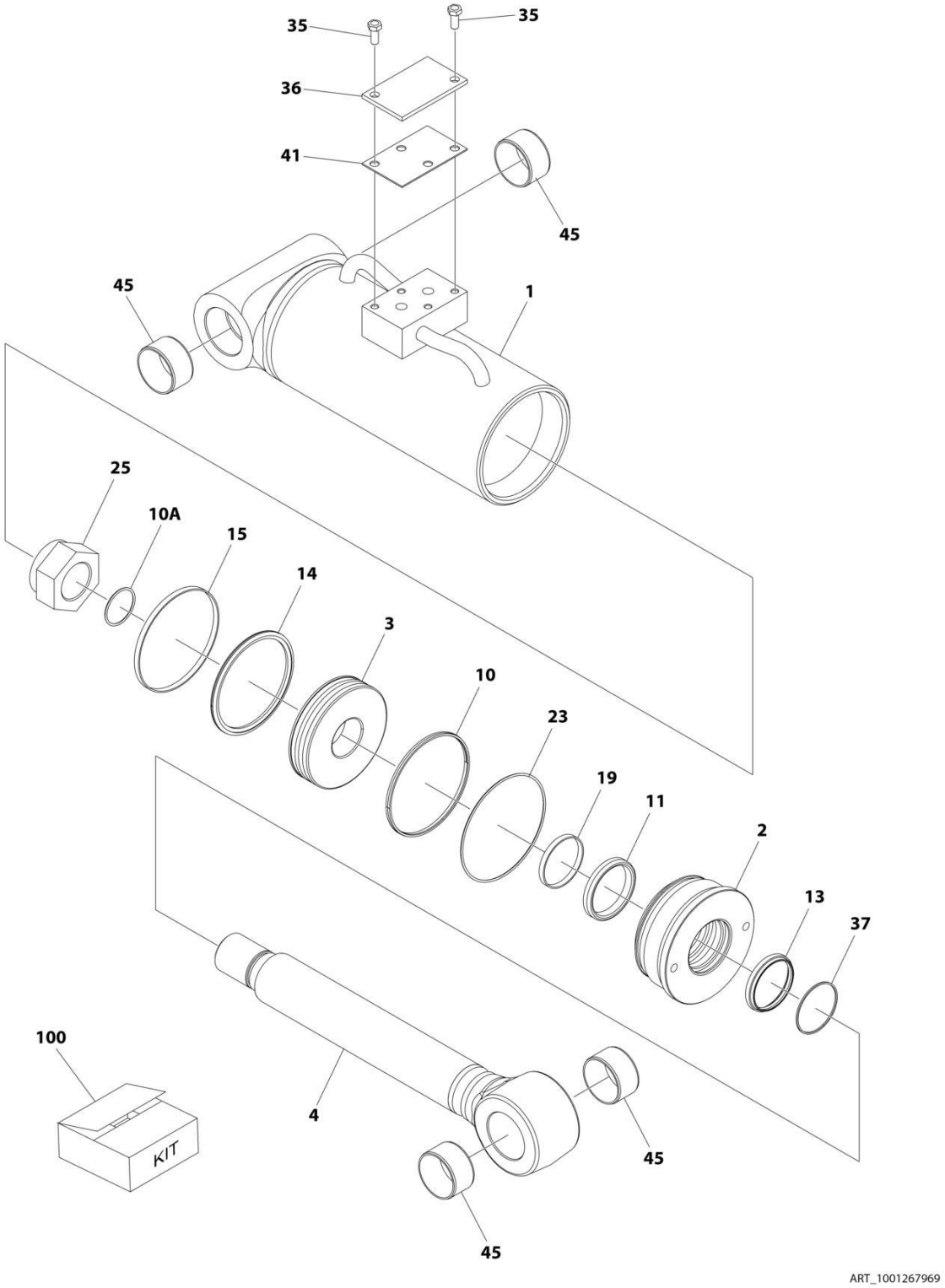


FIGURE 9-20. CYLINDER - STABILIZER (REAR AXLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267969	Ref	CYLINDER ASSEMBLY	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 1001267969)	
2	70030388	1	Head	
3	70030389	1	Piston	
4	70030390	1	Rod	
10	See Note	NSS	Seal, Dual (Note: Use Item 100)	
10A	See Note	NSS	O-Ring (Note: Use Item 100)	
11	See Note	NSS	Seal, Rod (Note: Use Item 100)	
13	See Note	NSS	Wiper (Note: Use Item 100)	
14	See Note	NSS	Seal, Piston (Note: Use Item 100)	
15	See Note	NSS	Ring, Wear (Note: Use Item 100)	
19	See Note	NSS	Ring, Wear (Note: Use Item 100)	
23	See Note	NSS	Seal, Environmental (Note: Use Item 100)	
25	70030391	1	Nut 1-3/4	
35		Ref	Bolt M8 x 1-1/4	
36		Ref	Plate, Shipping	
37	70030392	1	Mask, Wiper	
41		Ref	Gasket, Shipping	
45	70030393	4	Bushing	
100	70030394	1	Seal Kit (Includes Items 10, 10A, 11, 13, 14, 15, 19 & 23)	

FIGURE 9-21. CYLINDER & FITTINGS SUB-ASSEMBLY - TILT

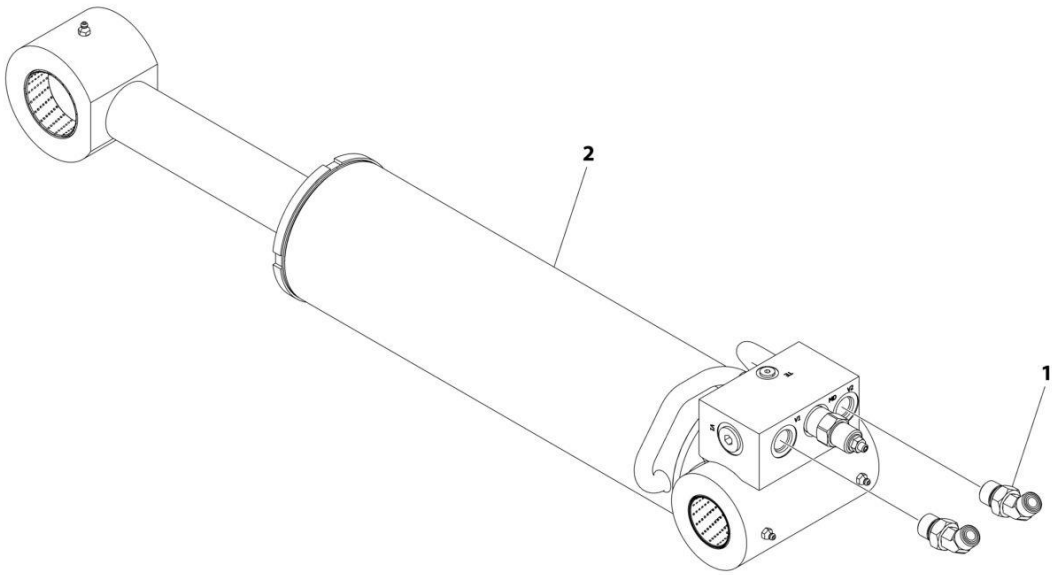


FIGURE 9-21. CYLINDER & FITTINGS SUB-ASSEMBLY - TILT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184714	Ref	CYLINDER AND FITTINGS SUB-ASSEMBLY - TILT	F
1	2150810	2	Fitting, 45 ORFS	
2	1001251089	1	Tilt Cylinder (See Separate Breakdown in this Section)	

FIGURE 9-22. CYLINDER ASSEMBLY - TILT

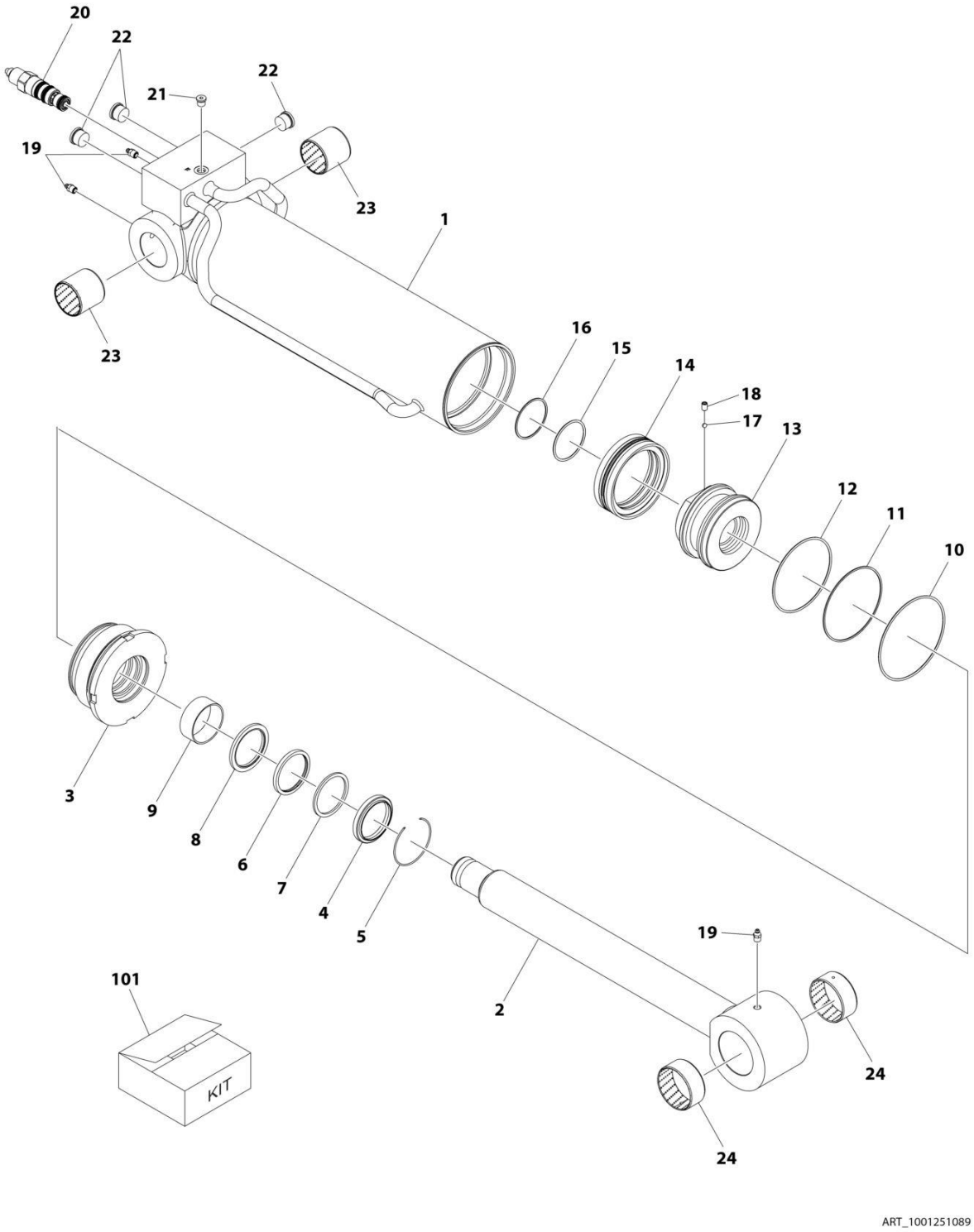


FIGURE 9-22. CYLINDER ASSEMBLY - TILT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251089	Ref	CYLINDER ASSEMBLY - TILT	B
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Tube (No Service Parts Available)	
2	70031330	1	Rod	
3	70031331	1	Glad	
4	See Note	NSS	Dust Wiper (Use Item 101)	
5	70027244	NSS	Ring, Retaining	
6	See Note	NSS	Seal, Rod (Use Item 101)	
7	See Note	NSS	Ring, Back-Up (Use Item 101)	
8	See Note	NSS	Ring, Buffer (Use Item 101)	
9	7007103	1	Dry Bearing	
10	See Note	NSS	O-Ring (Use Item 101)	
11	See Note	NSS	Ring, Back-Up (Use Item 101)	
12	See Note	NSS	O-Ring (Use Item 101)	
13	70031332	1	Piston	
14	See Note	NSS	Seal, Piston (Use Item 101)	
15	See Note	NSS	O-Ring (Use Item 101)	
16	See Note	NSS	Ring, Back-Up (Use Item 101)	
17	70022564	1	Steel Ball	
18	70006569	1	Set Screw	
19	70029469	3	Grease Nipple	
20	1001189888	1	Counterbalance Valve	
21	2220883	1	Plug	
22	70005433	3	Plug	
23	1001168307	2	Bushing	
24	1001168038	2	Bushing	
101	70031333	1	Seal Kit (Includes Items # 4, 6-8, 10-12, & 14-16)	

FIGURE 9-23. PUMP - GEAR

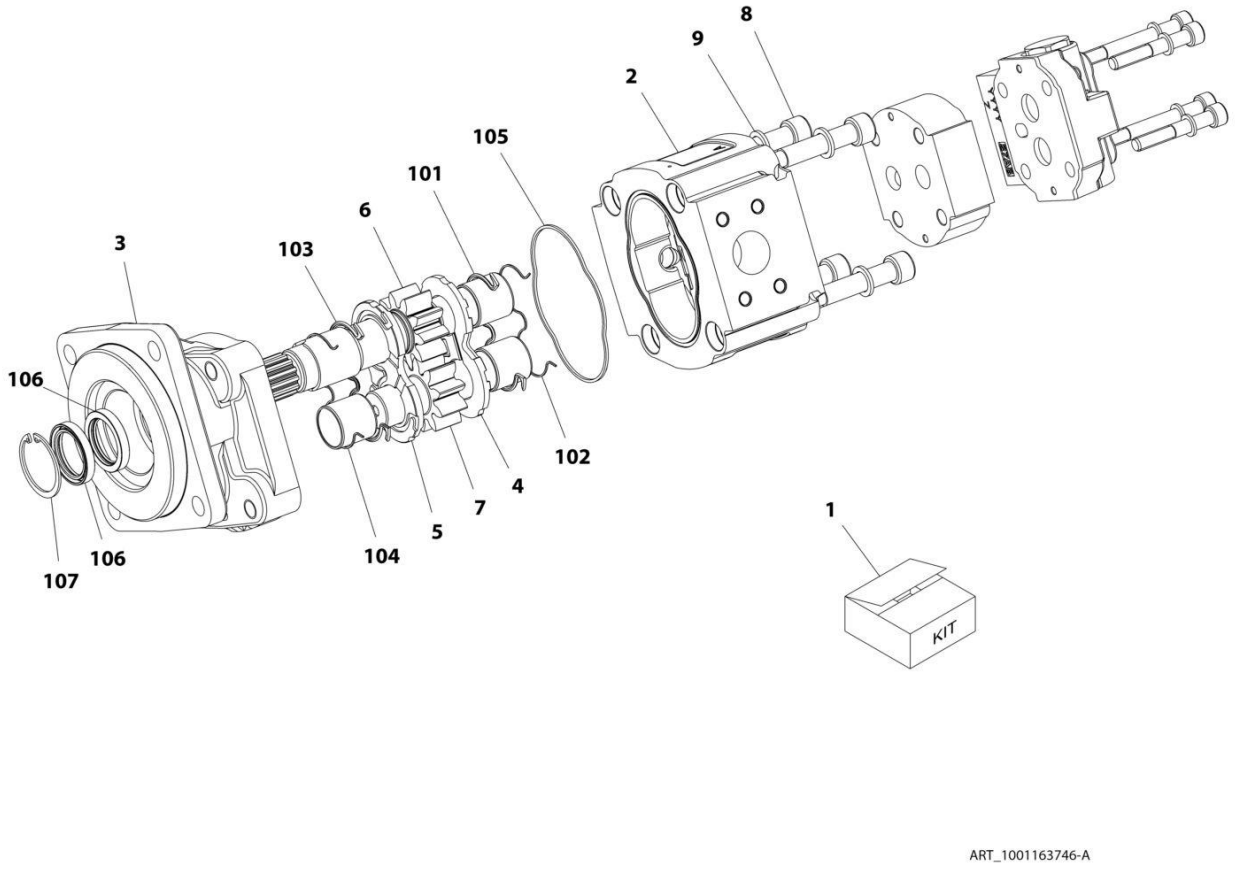


FIGURE 9-23. PUMP - GEAR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163746	Ref	Gear Pump	A
1	70026567	1	Kit, Seal (includes items 101 thru 107)	
2	70026507	1	Housing, Pump	
3	70026508	1	Cover, Front	
4	70026509	1	Plate, Thrust	
5	70026566	1	Plate, Thrust Upper	
6	70026511	1	Shaft, Drive	
7	70026512	1	Shaft, Driven	
8	70026513	4	Bolt M14X100	
9	70026493	4	Washer	
101	Kit	1	Seal	
102	Kit	1	Ring	
103	Kit	1	Seal, Upper	
104	Kit	1	Ring	
105	Kit	1	Seal	
106	Kit	2	Seal	
107	Kit	1	Ring	

FIGURE 9-24. PUMP - PISTON

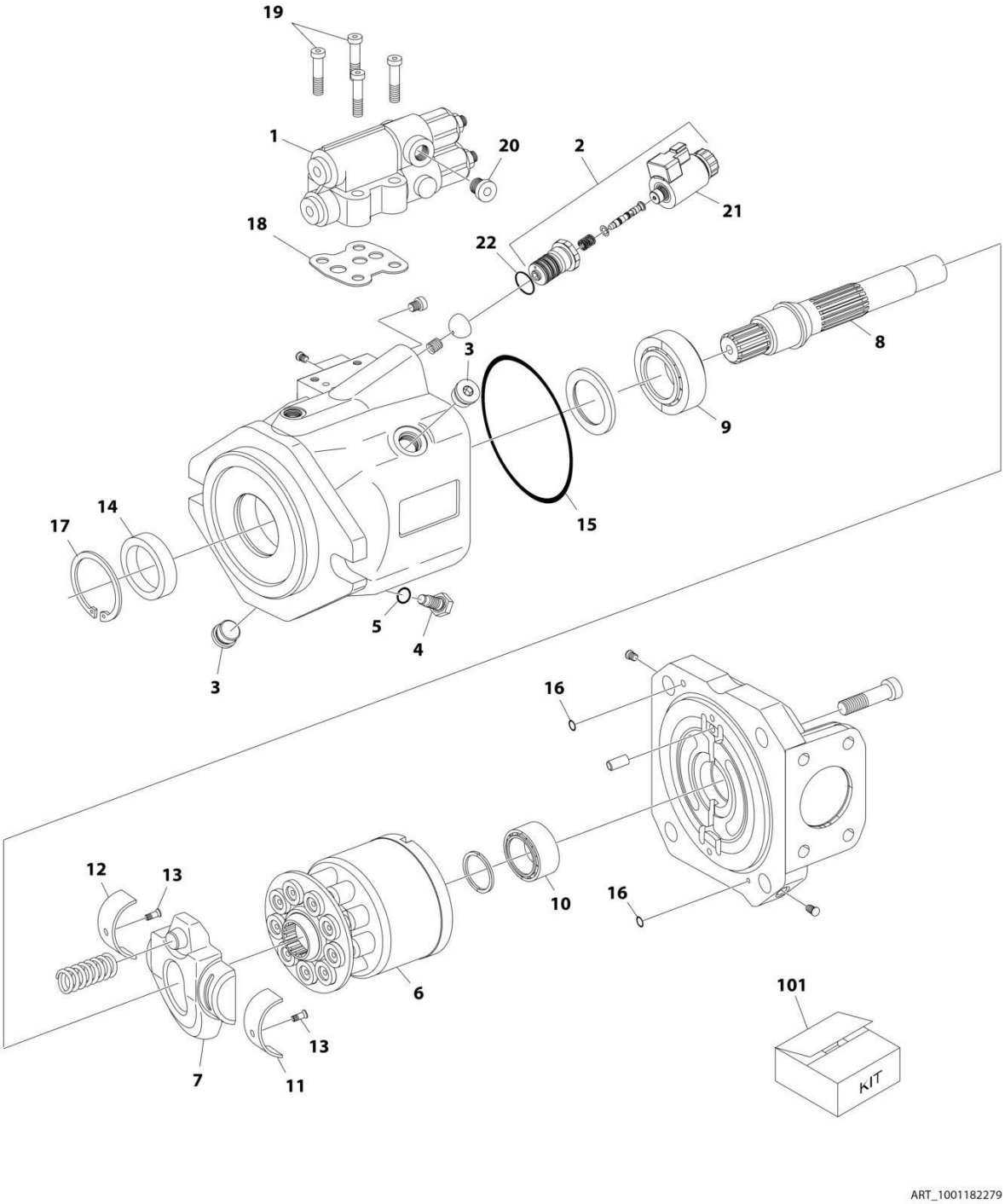


FIGURE 9-24. PUMP - PISTON

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182279	Ref	Piston Pump Assembly	B
1	70026572	1	Valve, Control	
2	70024186	1	Valve, Control (Includes Item 21)	
3	70024407	2	Plug	
4	70024408	1	Screw, Stop	
5	Kit	1	O-Ring	
6	70024188	1	Group, Rotary	
7	70026583	1	Plate, Swash	
8	7024939	1	Shaft, Drive	
9	7024943	1	Bearing, Front	
10	7024944	1	Bearing, Rear	
11	70024414	1	Liner, Bearing	
12	70024415	1	Liner, Bearing	
13	7024953	2	Screw, M5X16	
14	80634004	1	Seal, Shaft	
15	Kit	1	O-Ring	
16	Kit	2	Sing, Seal	
17	80334277	1	Ring, Safety	
18	70021867	1	Gasket	
19	7024954	4	Screw, M6X30	
20	70024416	1	Plug	
21	70025897	1	Coil (Part of Item 2)	
22	Kit	1	O-Ring	
101	70024189	1	Kit, Seal (includes items 5, 15 thru 16 & 22)	

FIGURE 9-25. TANK - HYDRAULIC

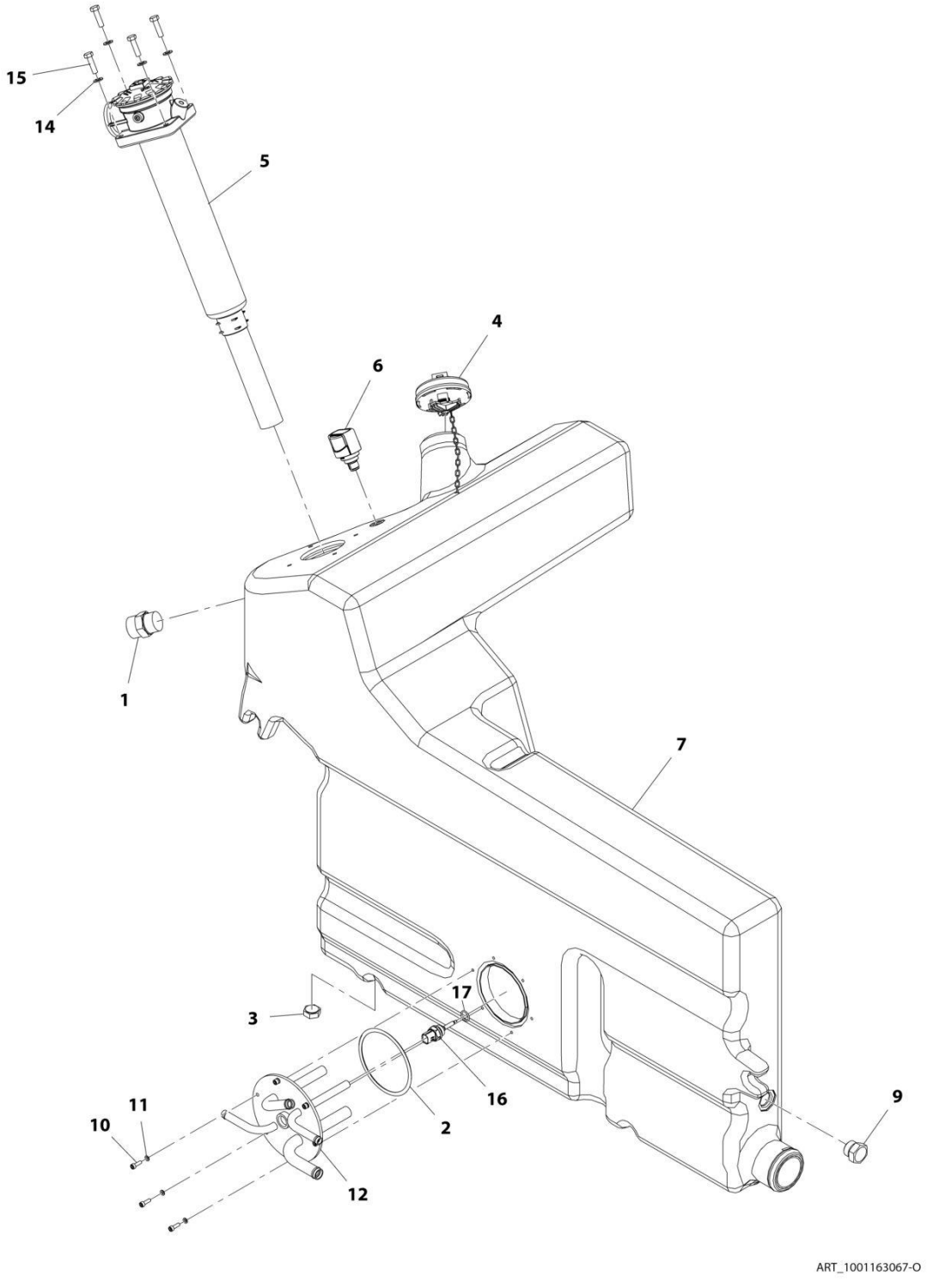


FIGURE 9-25. TANK - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163067	Ref	Hydraulic Tank	O
1	2111616	1	Fitting, Straight ORFS	
2	1001003301	1	Seal O-Ring	
3	2220239	1	Plug	
4	1001194981	1	Cap	
5	1001162660	1	Filter Assembly (See Separate Breakdown in this Section)	
6	1001162662	1	Filter, Breather	
7	1001162765	1	Tank	
9	2220240	1	Adapter	
10	4031607	6	Screw, M5-0.8X16	
11	4831600	6	Washer, Lock M5	
12	1001167281	1	Manifold, Hydraulic Return	
14	4811900	4	Washer, M8	
15	0700814	4	Bolt, M8X30	
16	1001128478	1	Sensor	
17	1001009163	1	Seal	

FIGURE 9-26. TANK - HYDRAULIC FILTER ASSEMBLY

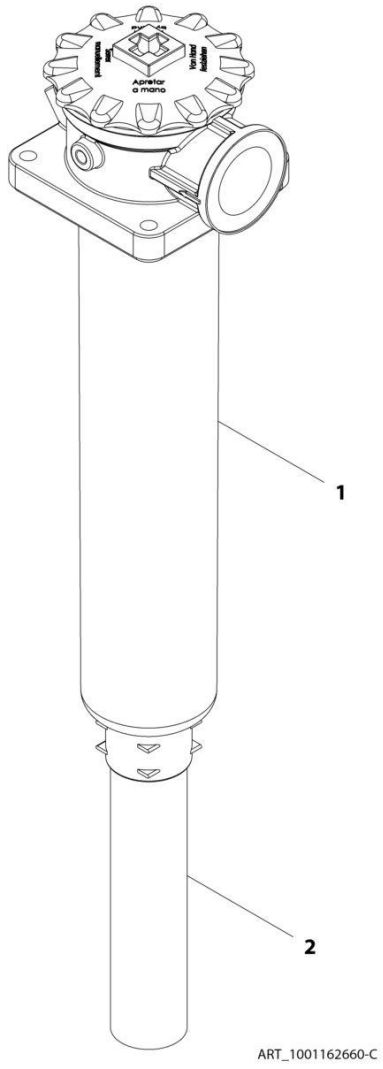
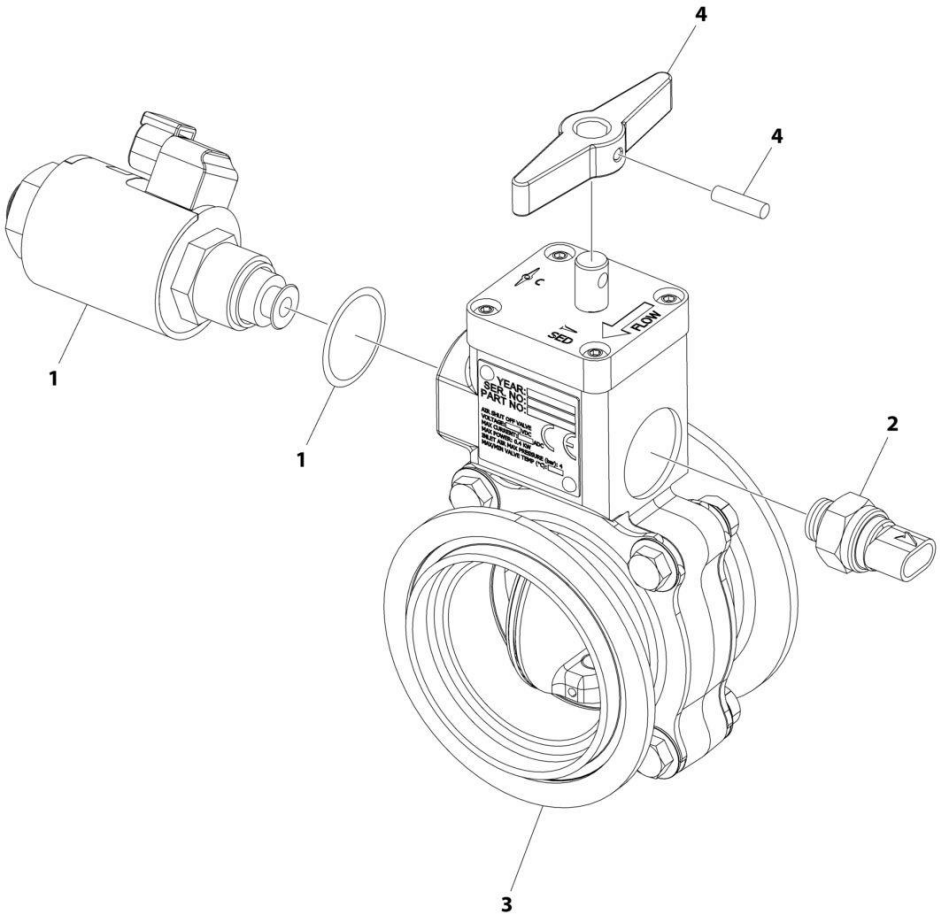


FIGURE 9-26. TANK - HYDRAULIC FILTER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162660	Ref	Hydraulic Filter	C
1	1001162661	1	Filter	
	1001162663	1	Element, Filter	
2	1001162667	1	Pipe, Filter Return	

FIGURE 9-27. VALVE - AIR SHUT OFF



ART_1001204032_C

FIGURE 9-27. VALVE - AIR SHUT OFF

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204032	Ref	Air Shut Off Valve	C
1	70028514	1	Kit, Solenoid 12V (Includes Solenoid, Coil, O-Ring)	
2	70028515	1	Kit, Switch (Includes Ball Switch & O-Ring)	
3	70028516	1	Kit, Flange and Hardware (Includes Flanges (Male & Female) & Mounting Hardware)	
4	70028517	1	Kit, Handle (Includes Handle & Pin)	

FIGURE 9-28. VALVE & FITTINGS - CARRIAGE (DUAL FORK)

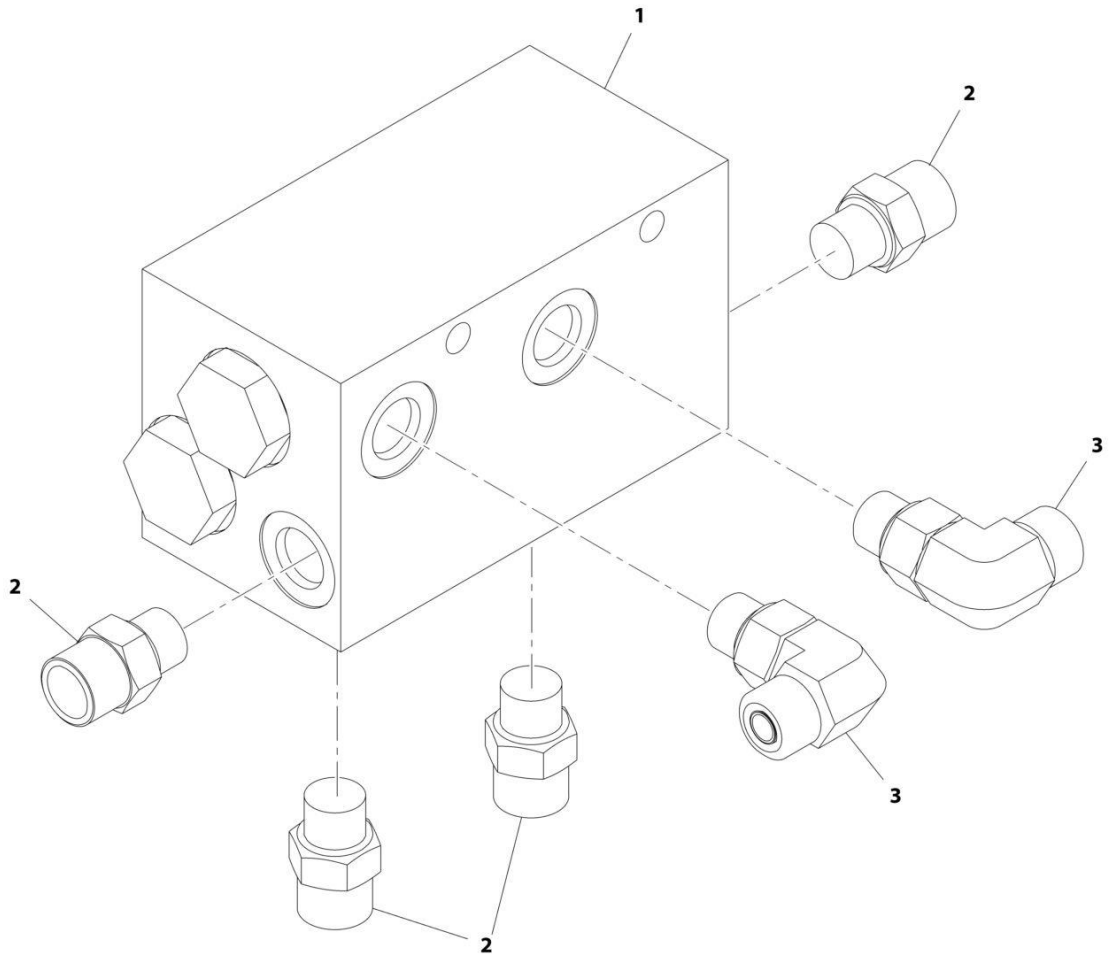


FIGURE 9-28. VALVE & FITTINGS - CARRIAGE (DUAL FORK)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4641502	Ref	Dual Fork Carriage Valve Assembly	B
1	4641501	1	Valve, Flow Divider (See Separate Breakdown in this Section)	
2	2110606	4	Fitting, Straight ORFS	
3	2130606	2	Fitting, 90	

FIGURE 9-29. VALVE - CARRIAGE DUAL FORK FLOW DIVIDER

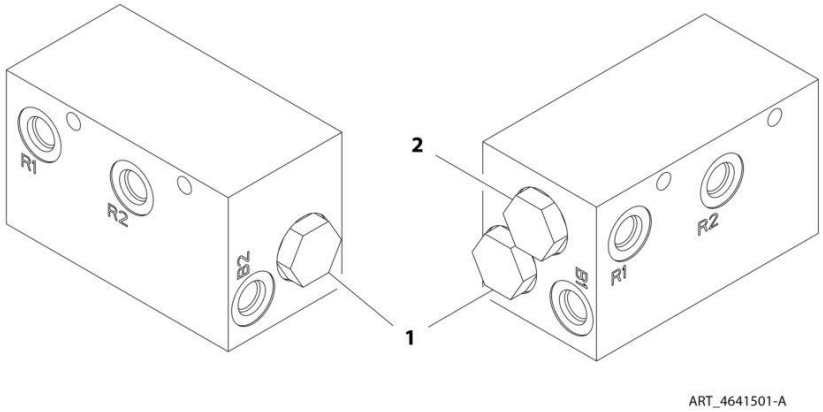


FIGURE 9-29. VALVE - CARRIAGE DUAL FORK FLOW DIVIDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4641501	Ref	Flow Divider Valve	A
1	70023928	2	Valve, Check	
2	70023929	1	Valve, Cartridge	

FIGURE 9-30. VALVE ASSEMBLY - FRAME LEVEL

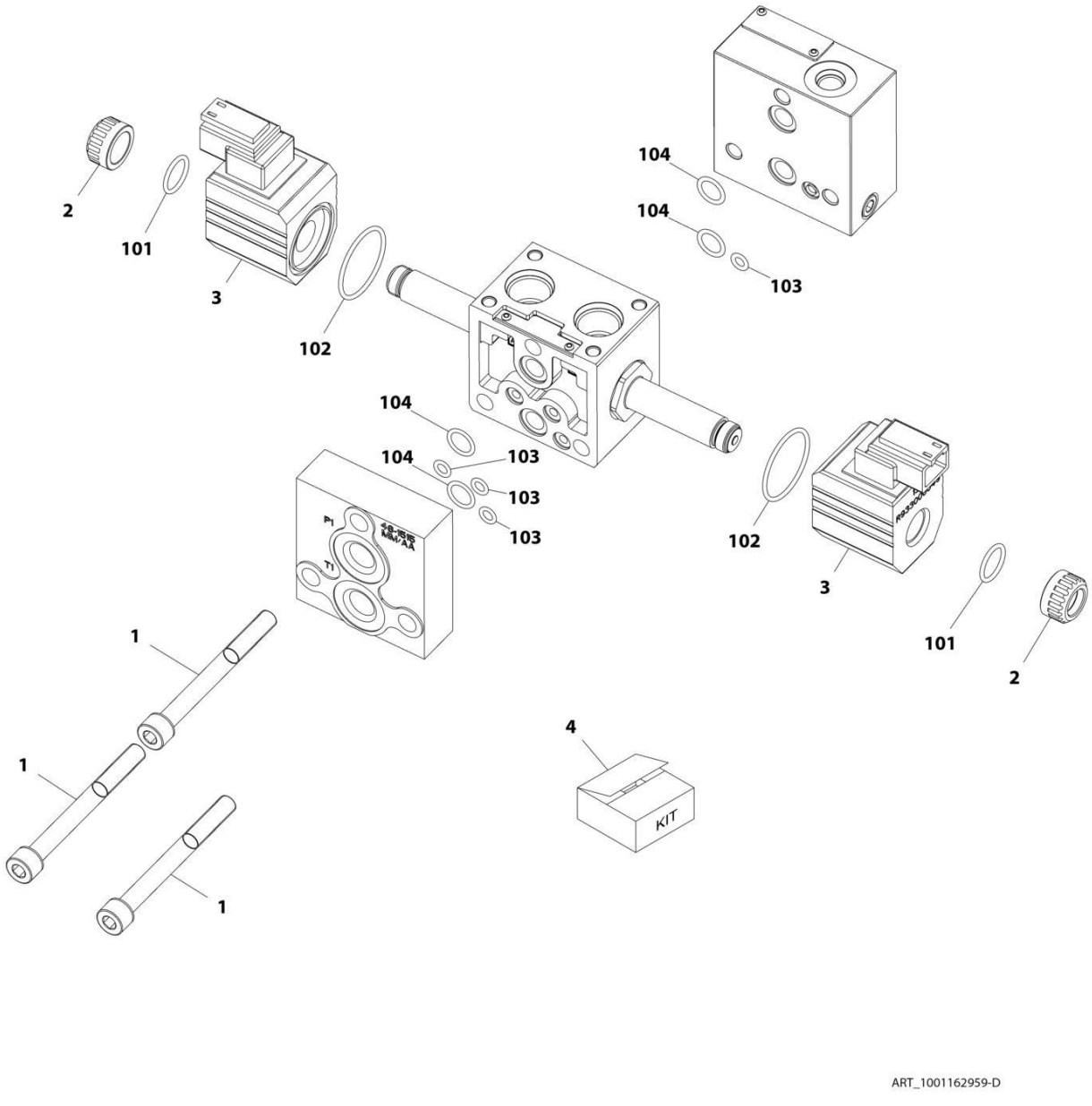


FIGURE 9-30. VALVE ASSEMBLY - FRAME LEVEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162959	Ref	Frame Level Valve	D
1	70026685	3	Screw	
2	70021209	2	Retainer	
3	70021208	2	Coil	
4	70026686	1	Kit, Seal (includes items 101 thru 104)	
101	Kit	2	O-Ring	
102	Kit	2	O-Ring	
103	Kit	4	O-Ring	
104	Kit	4	O-Ring	

FIGURE 9-31. VALVE ASSEMBLY - MAIN CONTROL (74HP)

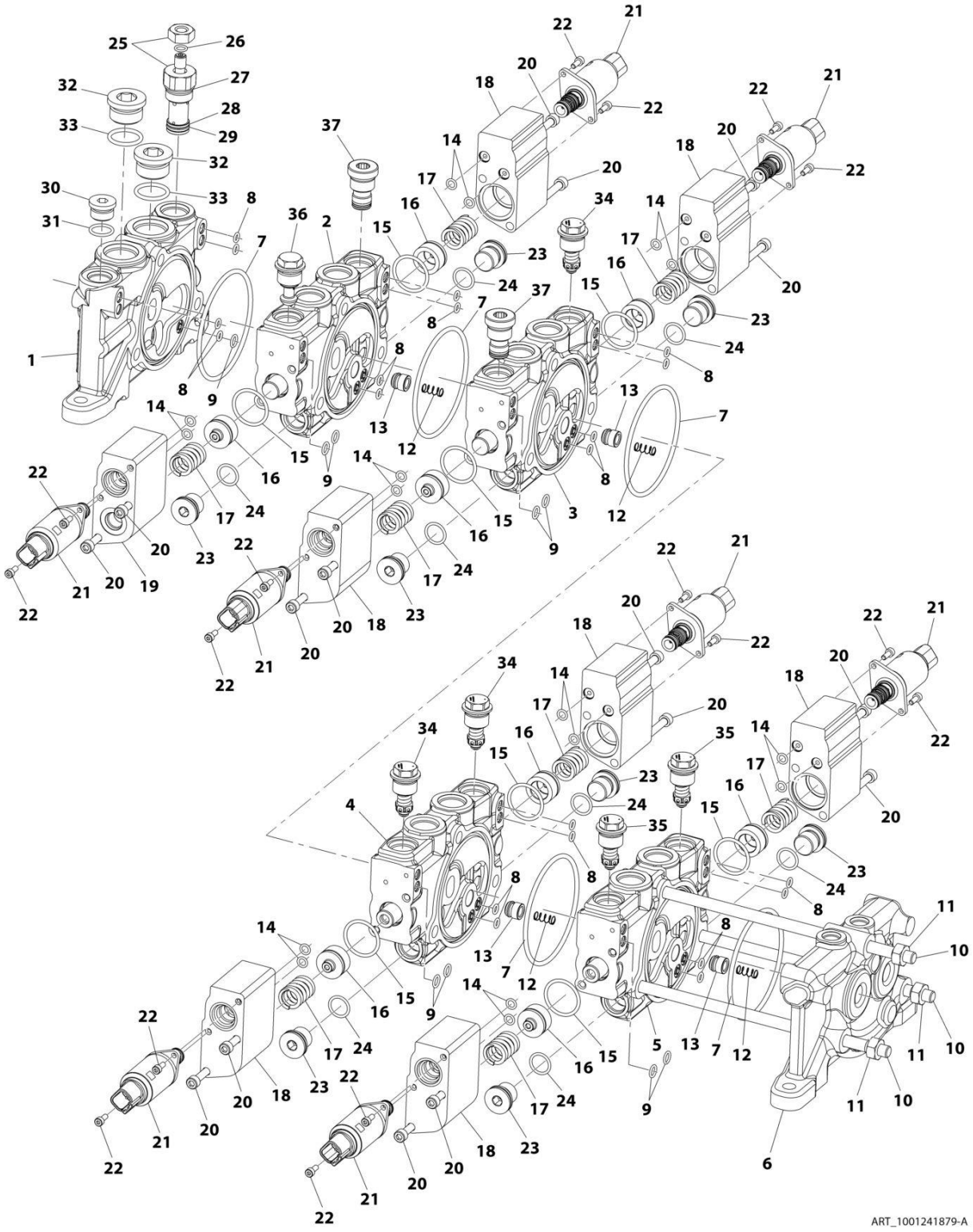


FIGURE 9-31. VALVE ASSEMBLY - MAIN CONTROL (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241879	Ref	Main Control Valve	A
1	70028478	1	Inlet Section Assembly	
2	70029816	1	Lift Section Assembly	
3	70029817	1	Extend/Retract Section Assembly	
4	70029818	1	Tilt Section Assembly	
5	70029819	1	Aux Section Assembly	
6	70026389	1	Outlet Section Assembly	
7	8034697	5	O-Ring	
8	70050508	20	O-Ring	
9	70050507	9	O-Ring	
10	70026375	3	Tie Rod	
11	70050481	6	Nut-Metric	
12	10837937	4	Spring	
13	10837929	4	Poppet	
14	70026369	16	O-Ring	
15	70026380	8	O-Ring	
16	70026378	8	Spring Seat	
17	70026377	8	Spring	
18	70026381	7	Solenoid, End Cap	
19	70028482	1	Solenoid, End Cap	
20	70026383	16	Screw	
21	70029820	8	Solenoid, Cartridge Valve	
22	70022014	16	Screw	
23	70050504	8	Plug Assembly	
24	70027130	8	O-Ring	
25	70022012	1	Drain Regulator Assembly	
26	70026373	1	O-Ring	
27	10837928	1	O-Ring	
28	70026376	1	Back-Up Ring	
29	70026370	1	O-Ring	
30	8035382	1	Plug Assembly	
31	70024202	1	O-Ring	
32	70050472	2	Plug Assembly (With O-Ring)	
33	70026374	2	O-Ring	
34	70022010	3	Relief Valve Assembly, 280 Bar	
35	70027098	2	Relief Valve Assembly, 205 Bar	
36	70028484	1	Anti-Void Assembly	
37	70022008	2	Shut-Off Plug Assembly	

FIGURE 9-32. VALVE ASSEMBLY - MAIN CONTROL (110HP)

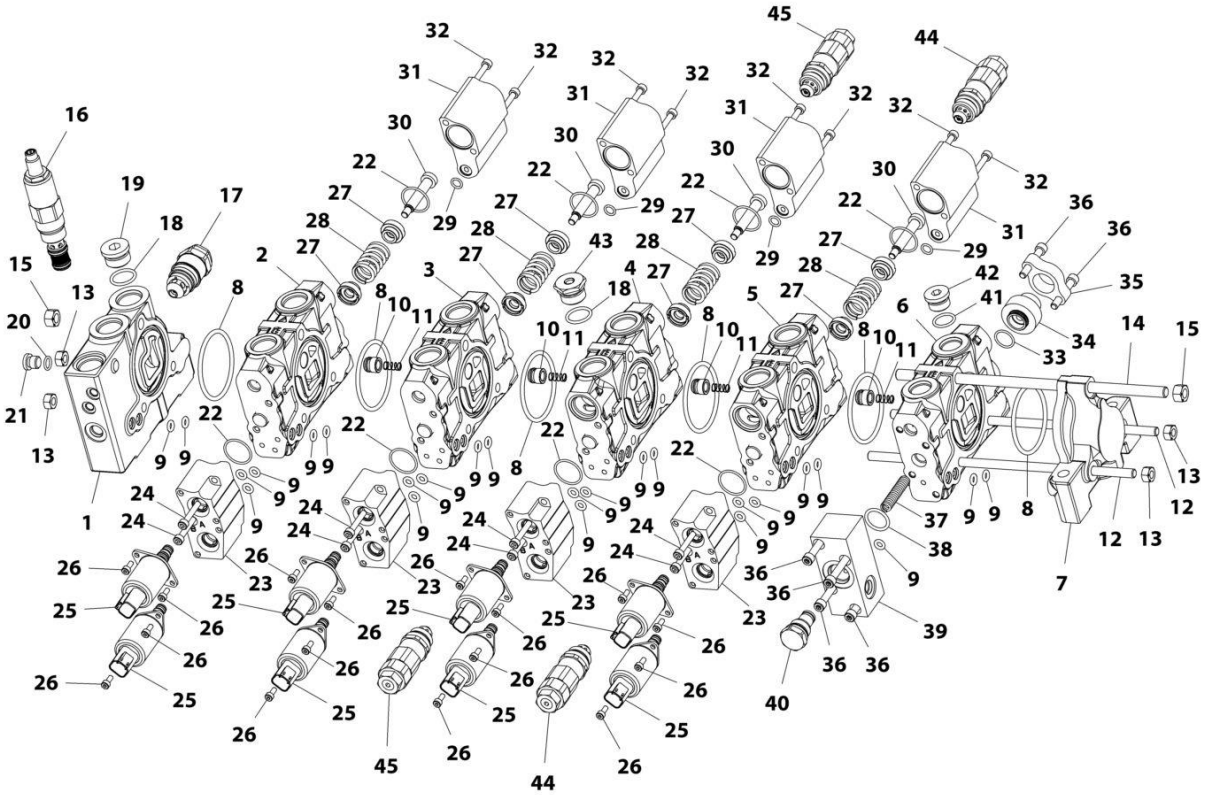


FIGURE 9-32. VALVE ASSEMBLY - MAIN CONTROL (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166765	1	Main Control Valve	C
1	70026640	1	Section, Inlet	
2	70026641	1	Section, Spool	
3	70026642	1	Section, Spool	
4	70026643	1	Section, Spool	
5	70026644	1	Section, Spool	
6	70026645	1	Section, Spool	
7	70026646	1	Section, Outlet	
8	10837923	6	O-Ring	
9	70026647	25	O-Ring	
10	10837929	4	Poppet	
11	10837937	4	Spring	
12	70026648	2	Rod, Tie	
13	8035348	4	Nut	
14	70026649	1	Rod, Tie	
15	8035346	2	Nut	
16	70026650	1	Valve	
17	70026651	1	Valve	
18	70026652	2	O-Ring	
19	70026653	1	Plug	
20	70026654	1	O-Ring	
21	70026655	1	Plug	
22	70026656	8	O-Ring	
23	70026657	4	Solenoid	
24	70026658	8	Screw	
25	70026659	8	Solenoid	
26	70022014	16	Bolt	
27	70026660	8	Spring, Seat	
28	70026661	4	Spring	
29	70026662	4	O-Ring	
30	70026663	4	Spool	
31	70026664	4	Cap, End	
32	70026665	8	Screw	
33	70026666	1	O-Ring	
34	70026667	1	Spool, Cap	
35	8035373	1	Plate, Seal	
36	8037088	6	Screw	
37	70026668	1	Spring	
38	70026669	1	O-Ring	
39	70026670	1	Cap, End	
40	70026671	1	Regulator, Drain	
41	70026672	1	O-Ring	
42	8035382	1	Plug	
43	70026673	1	Plug	
44	70026674	2	Valve	
45	70026675	2	Valve	

FIGURE 9-33. VALVE - PARKING BRAKE

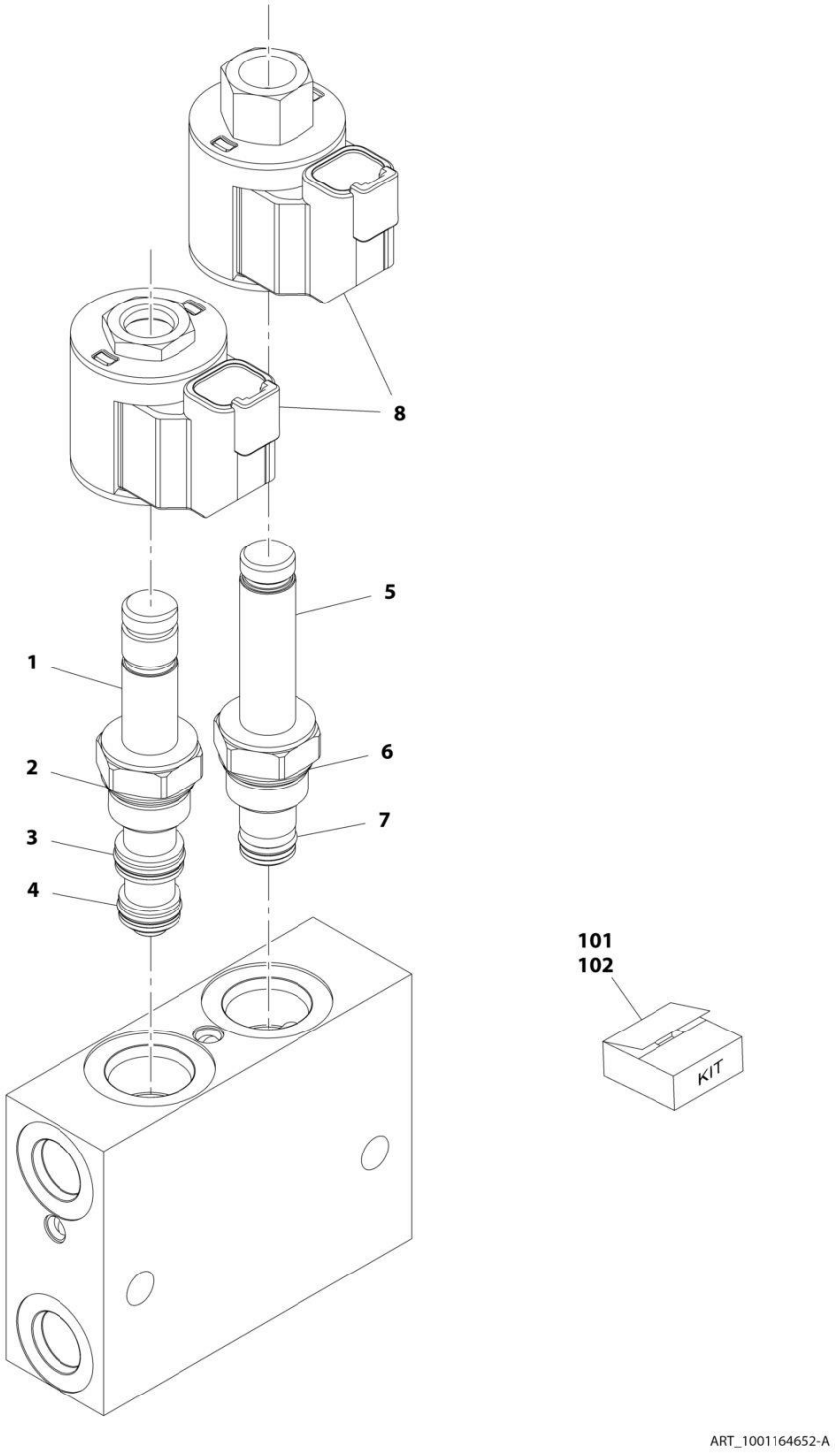


FIGURE 9-33. VALVE - PARKING BRAKE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001164652	1	Park Brake Valve	A
1	7012941	1	Valve	
2	Kit	1	O-Ring	
3	Kit	1	O-Ring	
4	Kit	1	O-Ring	
5	7017410	1	Valve	
6	Kit	1	O-Ring	
7	Kit	1	O-Ring	
8	70002386	2	Coil	
101	7010543	1	Kit, Seal (includes items 2 thru 4)	
102	7012967	1	Kit, Seal (includes items 6 thru 7)	

FIGURE 9-34. VALVE ASSEMBLY - PRIORITY

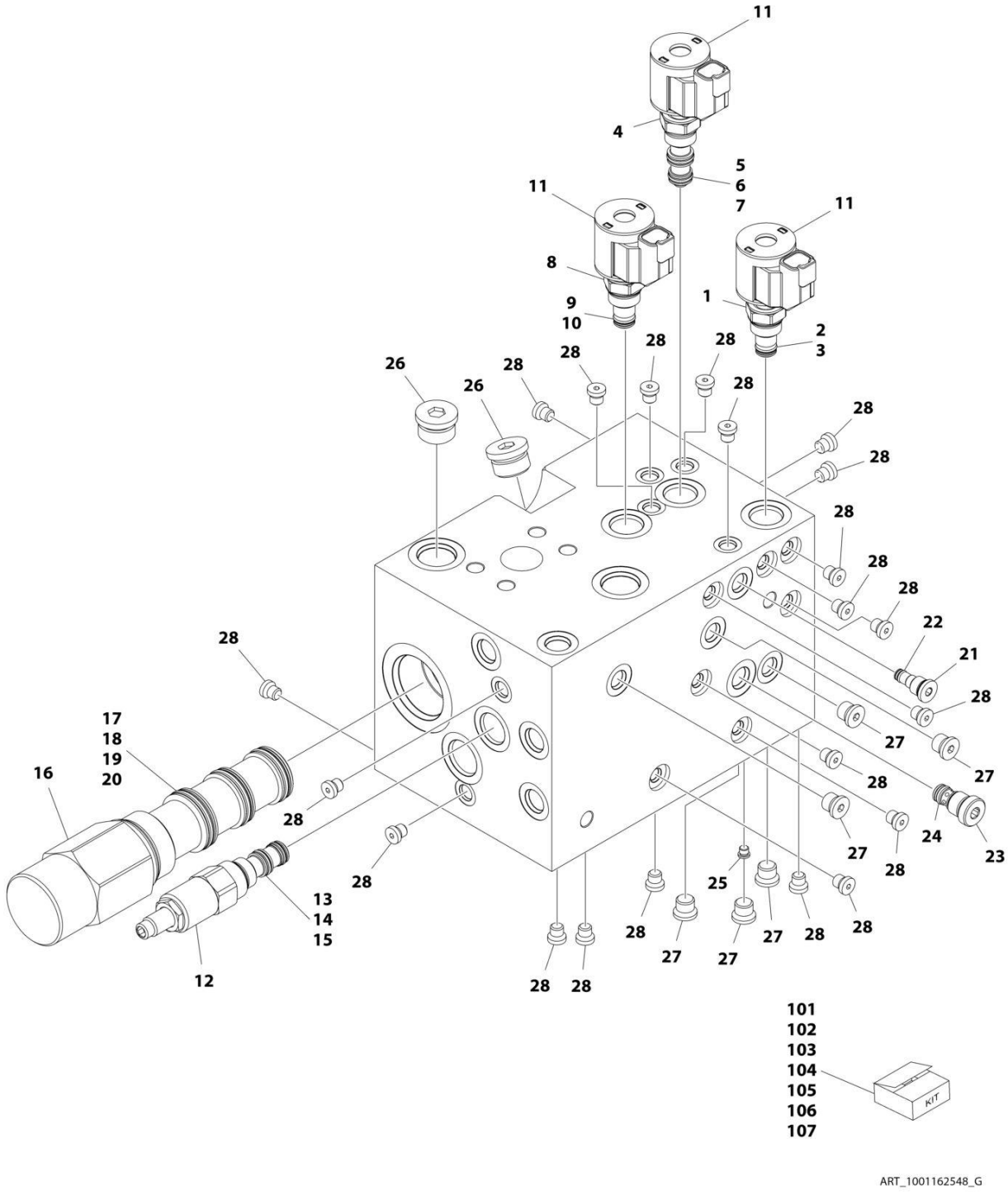
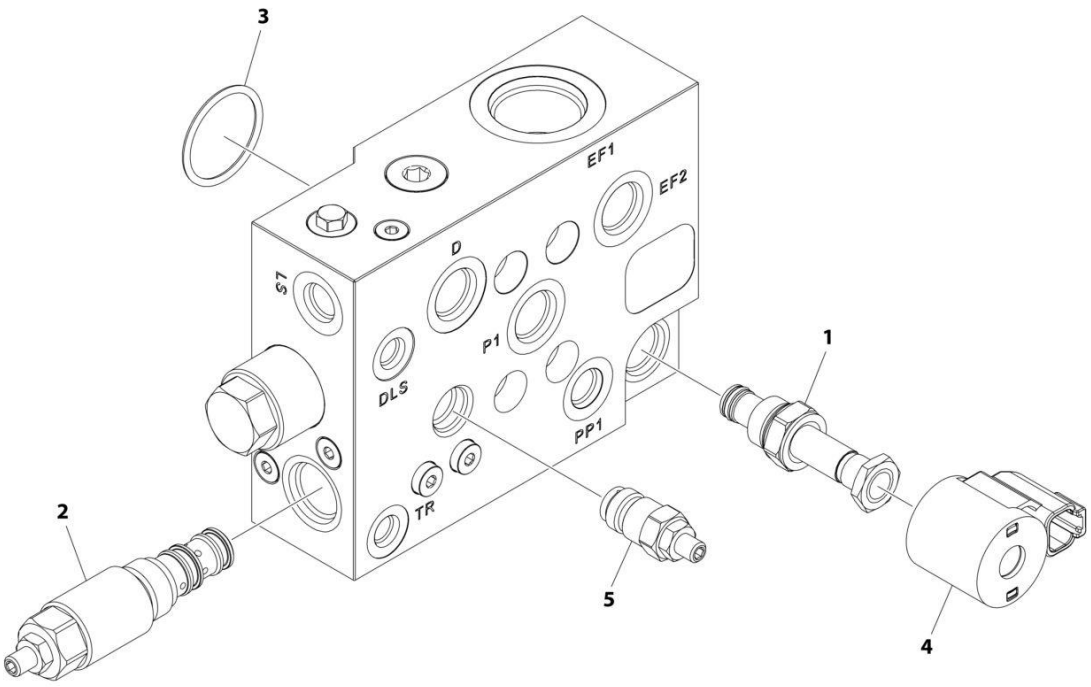


FIGURE 9-34. VALVE ASSEMBLY - PRIORITY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162548	Ref	Priority Manifold Valve	G
1	H000071	1	Cartridge	
2	Kit	1	Seal	
3	Kit	1	Seal	
4	7012941	1	Cartridge	
5	Kit	1	Seal	
6	Kit	1	Seal	
7	Kit	1	Seal	
8	7017410	1	Cartridge	
9	Kit	1	Seal	
10	Kit	1	Seal	
11	70002963	3	Coil	
12	70026310	1	Cartridge	
13	Kit	1	Seal	
14	Kit	1	Seal	
15	Kit	1	Seal	
16	70026311	1	Cartridge	
17	Kit	1	Seal	
18	Kit	1	Seal	
19	Kit	1	Seal	
20	Kit	1	Seal	
21	70002975	1	Cartridge	
22	Kit	1	Seal	
23	70026312	1	Cartridge	
24	Kit	1	Seal	
25	70026313	1	Plug	
26	70026314	2	Plug	
27	7017406	6	Plug	
28	70026315	21	Plug	
101	7012953	1	Kit, Seal (includes items 2 thru 3)	
102	7010543	1	Kit, Seal (includes items 5 thru 7)	
103	7012953	1	Kit, Seal (includes items 9 thru 10)	
104	7021653	1	Kit, Seal (includes items 13 thru 15)	
105	70026333	1	Kit, Seal (includes items 17 thru 20)	
106	70002976	1	Kit, Seal (includes items 22)	
107	70026334	1	Kit, Seal (includes items 24)	

FIGURE 9-35. VALVE ASSEMBLY - PRIORITY



ART_1001252567

FIGURE 9-35. VALVE ASSEMBLY - PRIORITY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001252567	Ref	PRIORITY MANIFOLD VALVE	D
1	70029976	1	Cartridge	
2	70029977	1	Valve, Check	
3	70030100	1	O-Ring	
4	70002963	1	Coil	
5	70030101	1	Valve, Check	

FIGURE 9-36. VALVE - QUICK COUPLER

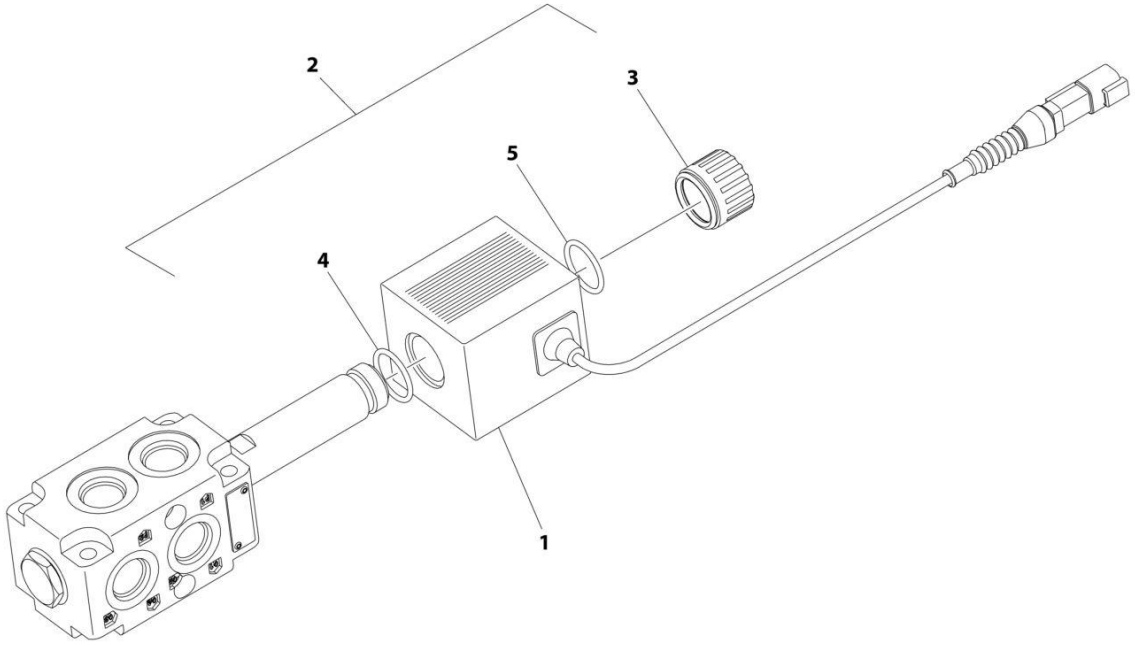


FIGURE 9-36. VALVE - QUICK COUPLER

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 9-37. VALVE ASSEMBLY - SAHR BRAKE

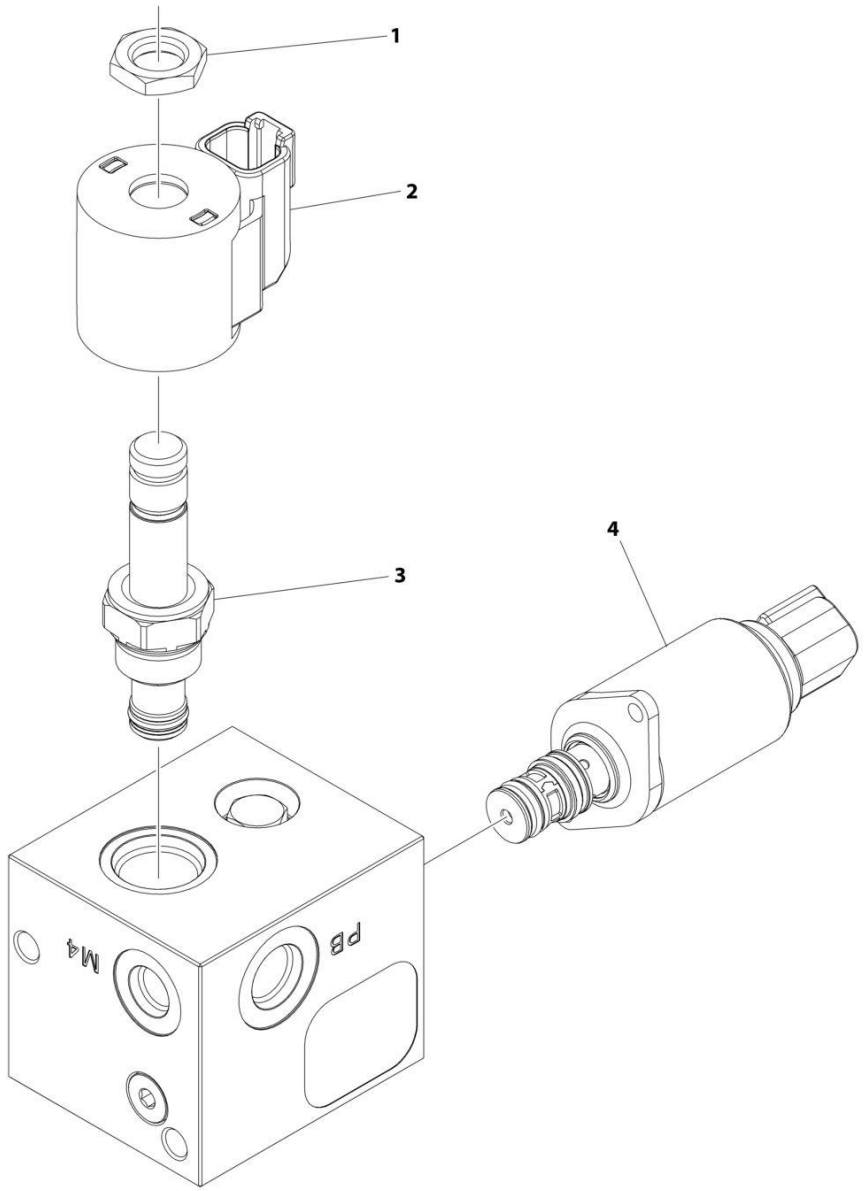


FIGURE 9-37. VALVE ASSEMBLY - SAHR BRAKE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001234127	Ref	Sahr Brake Valve	C
1	7022390	1	Nut	
2	70002963	1	Coil	
3	70002955	1	Cartridge	
4	70030036	1	Solenoid Valve	

FIGURE 9-38. VALVE ASSEMBLY - STABILIZER (REAR AXLE)

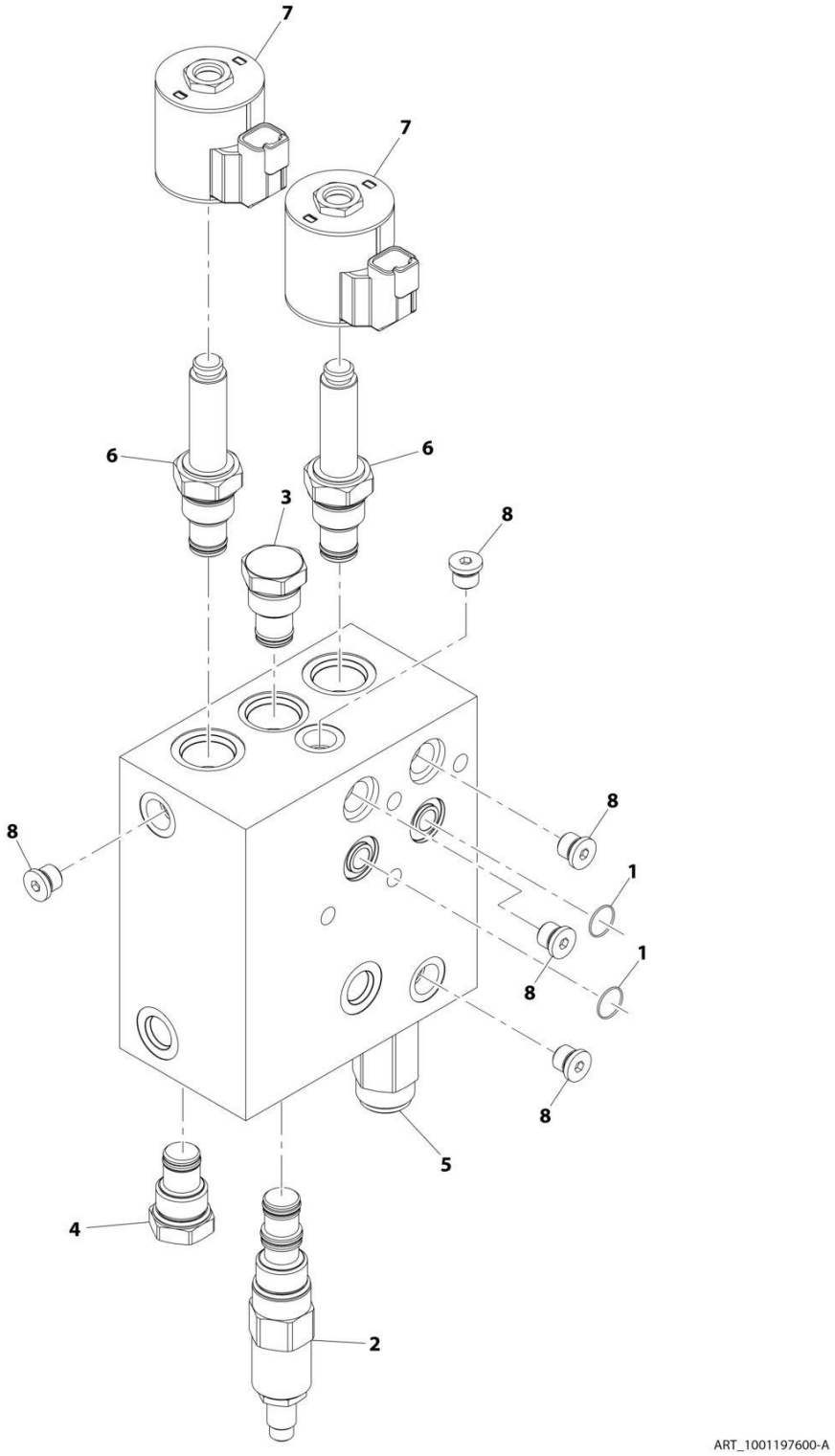


FIGURE 9-38. VALVE ASSEMBLY - STABILIZER (REAR AXLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197600	Ref	Rear Axle Stabilizer Valve	A
1	70026440	2	O-Ring	
2	70026442	1	Cartridge Valve	
2	7012510	1	Seal Kit	
2	Kit	1	O-Ring	
2	Kit	1	O-Ring	
2	Kit	1	O-Ring	
3	70026443	1	Cartridge Valve	
3	7024808	1	Seal Kit	
3	Kit	1	O-Ring	
3	Kit	1	O-Ring	
4	70026444	1	Cartridge Valve	
4	7022399	1	Seal Kit	
4	Kit	1	O-Ring	
4	Kit	1	O-Ring	
5	70028451	1	Cartridge Valve	
5	7024808	1	Seal Kit	
5	Kit	1	O-Ring	
5	Kit	1	O-Ring	
6	70026445	2	Cartridge Valve	
6	70026446	1	Seal Kit	
6	Kit	1	O-Ring	
7	70003788	2	Coil	
8	2220883	5	Plug	

FIGURE 9-39. VALVE ASSEMBLY - STEERING ORBITAL

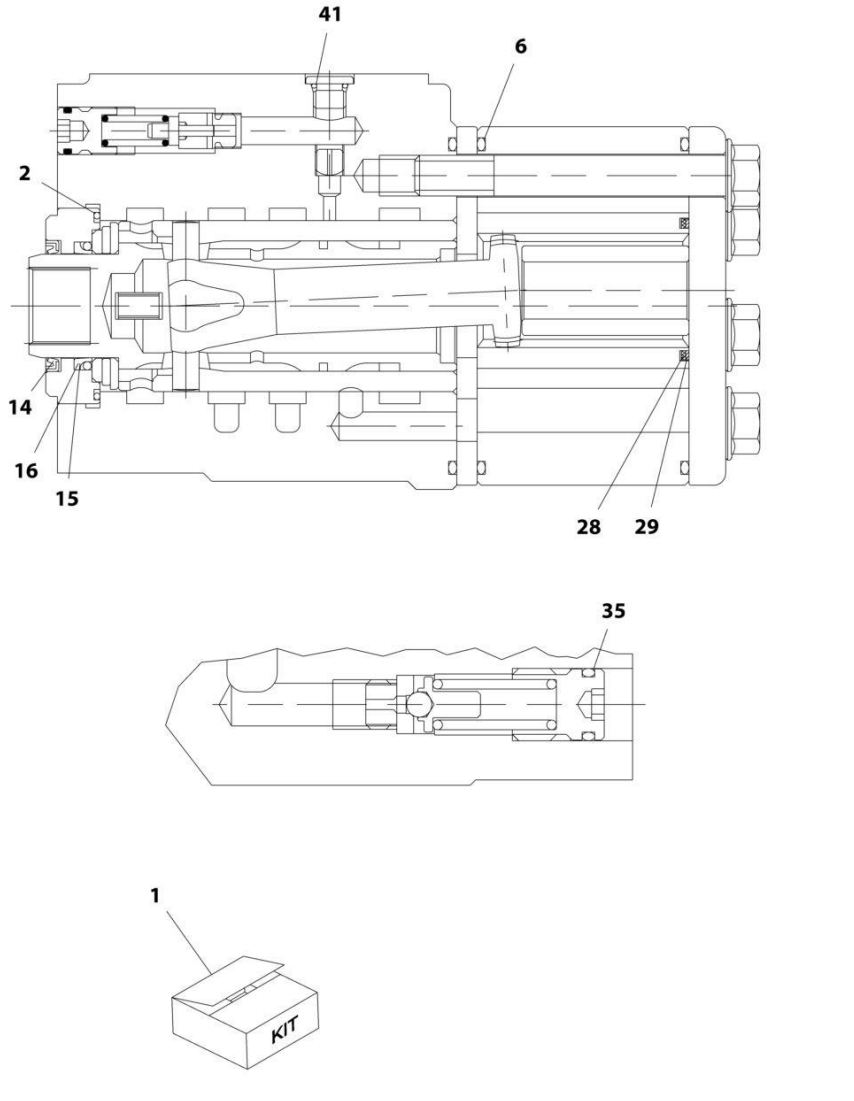
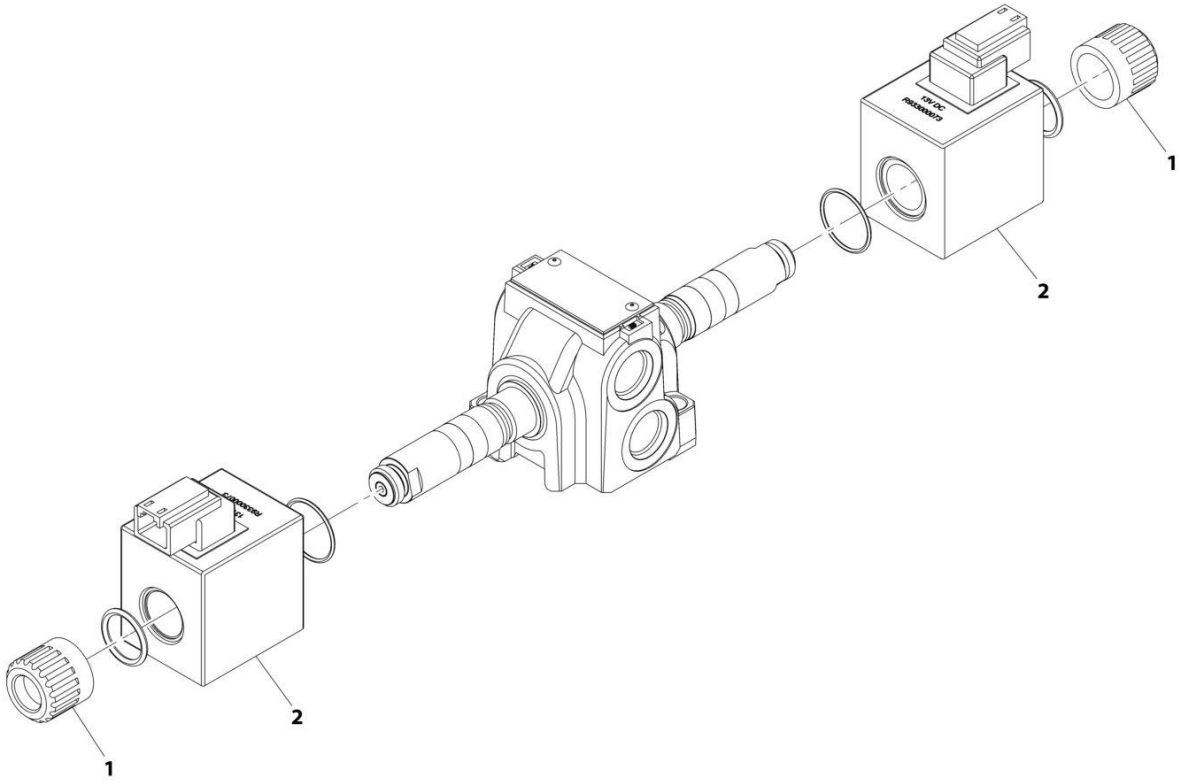


FIGURE 9-39. VALVE ASSEMBLY - STEERING ORBITAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160599	Ref	Steering Orbital Valve	C
1	70026401	1	Kit, Seal (includes items 2 thru 41)	
2	Kit	1	O-Ring	
6	Kit	3	O-Ring	
14	Kit	1	Seal, Dust	
15	Kit	1	O-Ring	
16	Kit	1	Seal, Shaft	
28	Kit	1	Washer, Back-Up	
29	Kit	1	Seal, Ring	
35	Kit	3	O-Ring	
41	Kit	2	O-Ring	

FIGURE 9-40. VALVE ASSEMBLY - STEERING SELECT



ART_1001153748-C

FIGURE 9-40. VALVE ASSEMBLY - STEERING SELECT

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

SECTION 10 - ELECTRICAL

FIGURE 10-1. MAIN ELECTRICAL INSTALLATION - 74HP (ULS)

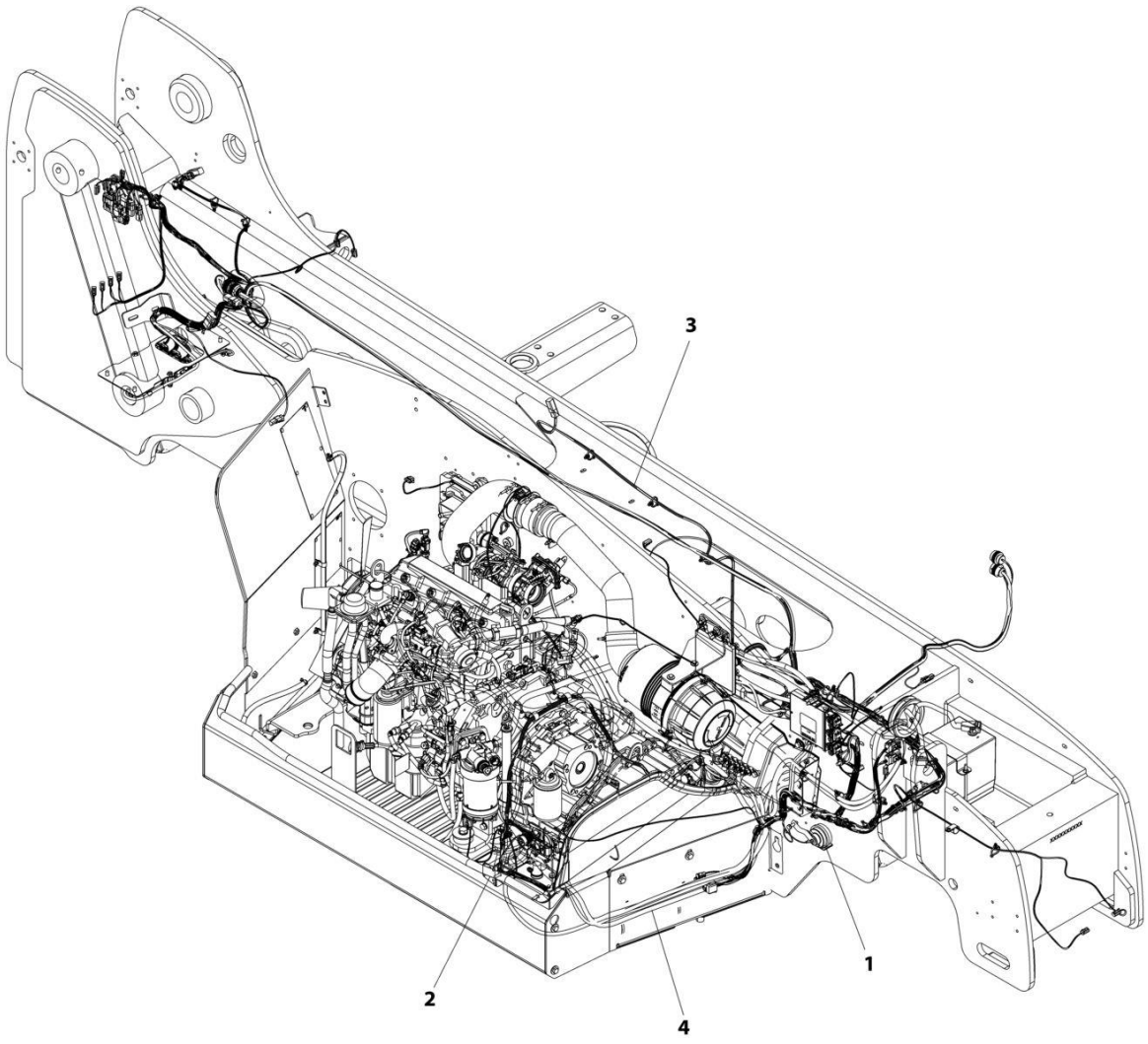


FIGURE 10-1. MAIN ELECTRICAL INSTALLATION - 74HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225986	Ref	Main Electrical Installation (ULS) (74 HP)	B
1	1001167051	Ref	Installation, Electrical Frame (See Separate Breakdown in this Section)	
2	1001173765	Ref	Installation, Engine Bay Electrical (See Separate Breakdown in this Section)	
3	1001225987	Ref	Installation, Wiring Frame (See Separate Breakdown in this Section)	
4	1001227963	Ref	Installation, Engine Bay Wiring (See Separate Breakdown in this Section)	

FIGURE 10-2. MAIN ELECTRICAL INSTALLATION - 110HP (ULS)

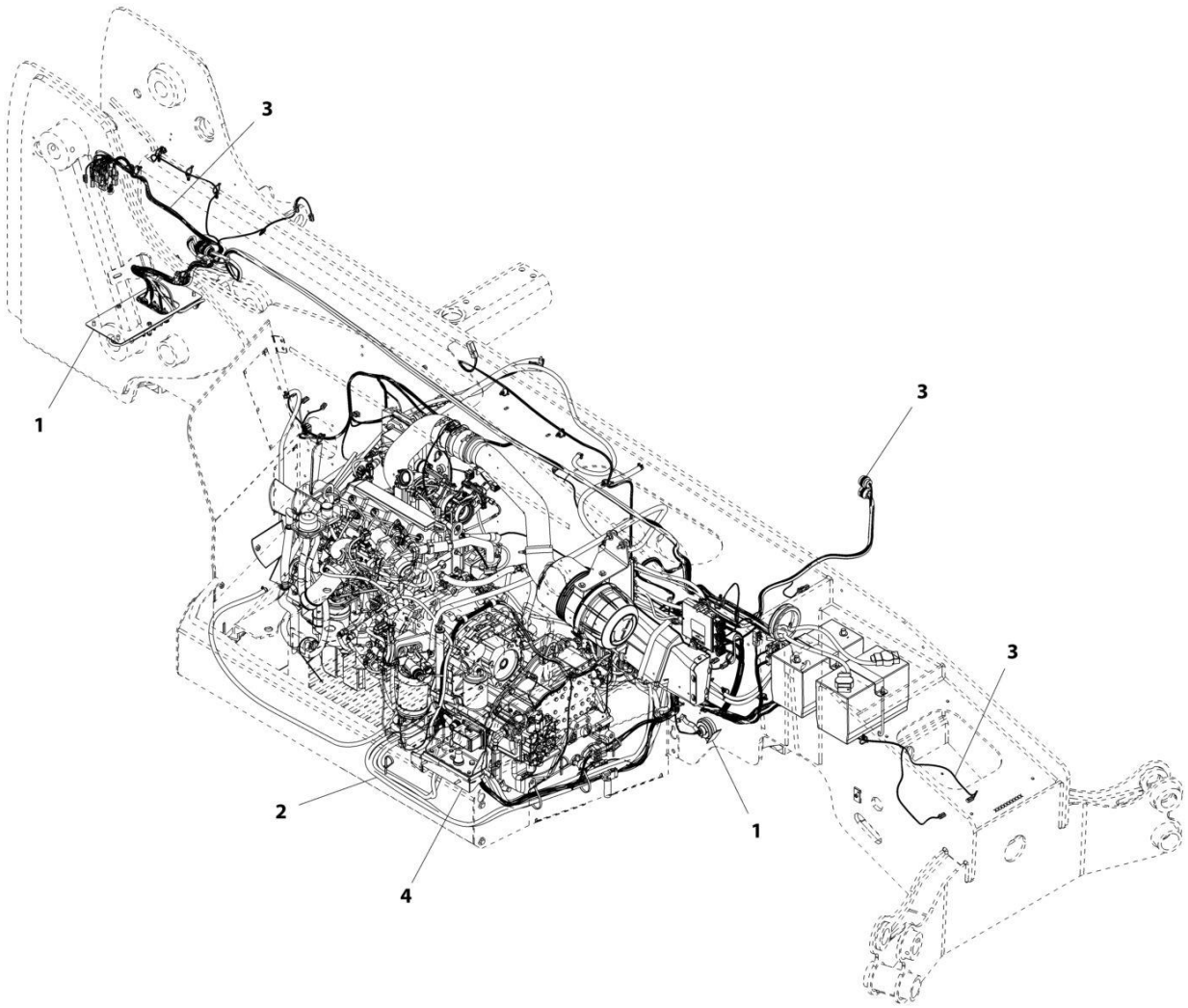


FIGURE 10-2. MAIN ELECTRICAL INSTALLATION - 110HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173622	Ref	Main Electrical Installation (ULS)	C
1	1001167051	Ref	Installation, Electrical Frame (See Separate Breakdown in this Section)	
2	1001173531	Ref	Installation, Engine Bay Wiring (ULS) (See Separate Breakdown in this Section)	
3	1001173618	Ref	Installation, Frame Wiring (ULS) (See Separate Breakdown in this Section)	
4	1001163127	Ref	Installation, Engine Bay Electrical (See Separate Breakdown in this Section)	

FIGURE 10-3. MAIN ELECTRICAL INSTALLATION - 110HP (LS)

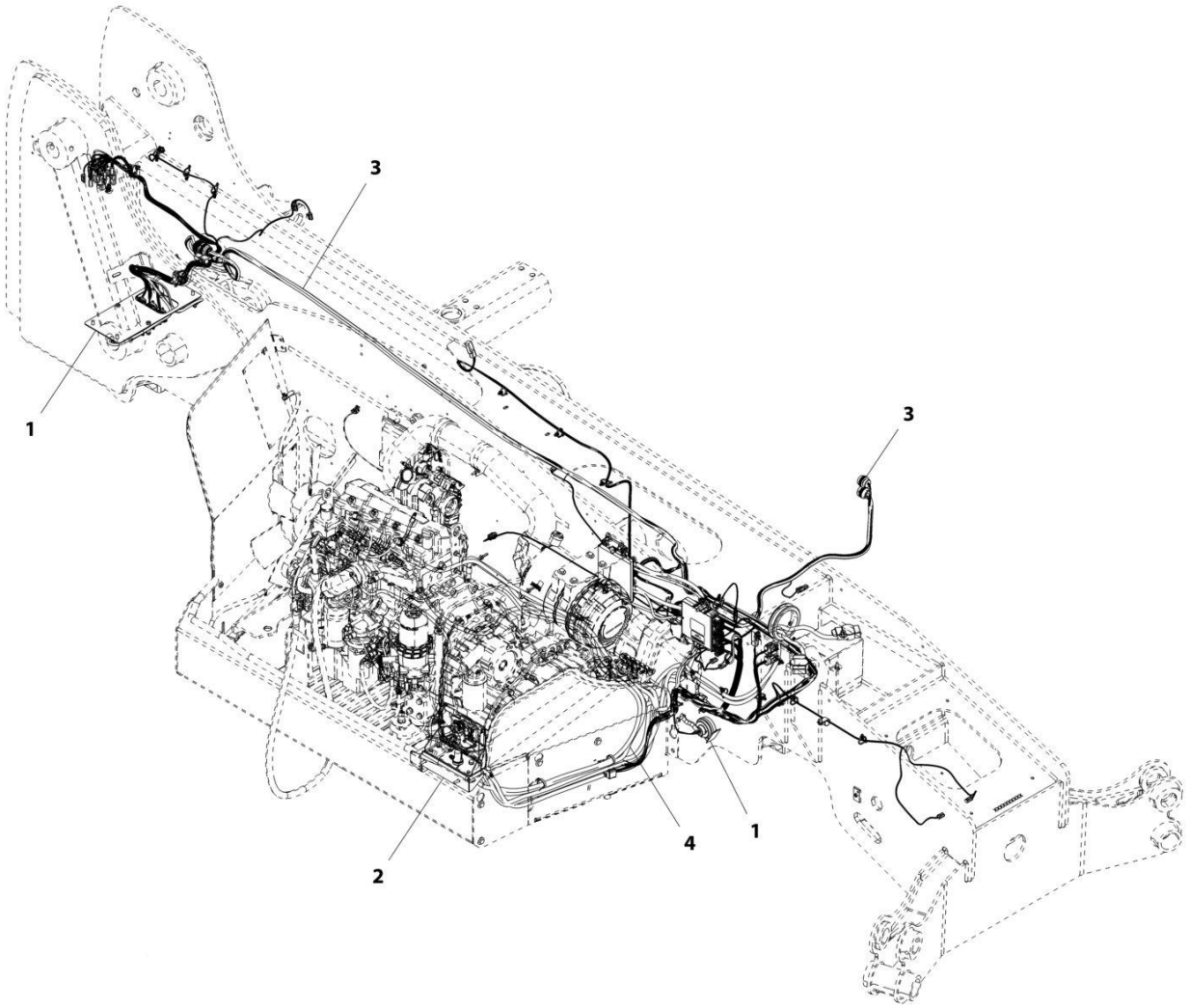


FIGURE 10-3. MAIN ELECTRICAL INSTALLATION - 110HP (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192302	Ref	Main Electrical Installation (LS)	A
1	1001167051	Ref	Installation, Electrical Frame (See Separate Breakdown in this Section)	
2	1001173765	Ref	Installation, Engine Bay Electrical (See Separate Breakdown in this Section)	
3	1001192304	Ref	Installation, Frame Wiring (LS) (See Separate Breakdown in this Section)	
4	1001193171	Ref	Installation, Engine Bay Wiring (See Separate Breakdown in this Section)	

FIGURE 10-4. A/C OPTION HARNESS

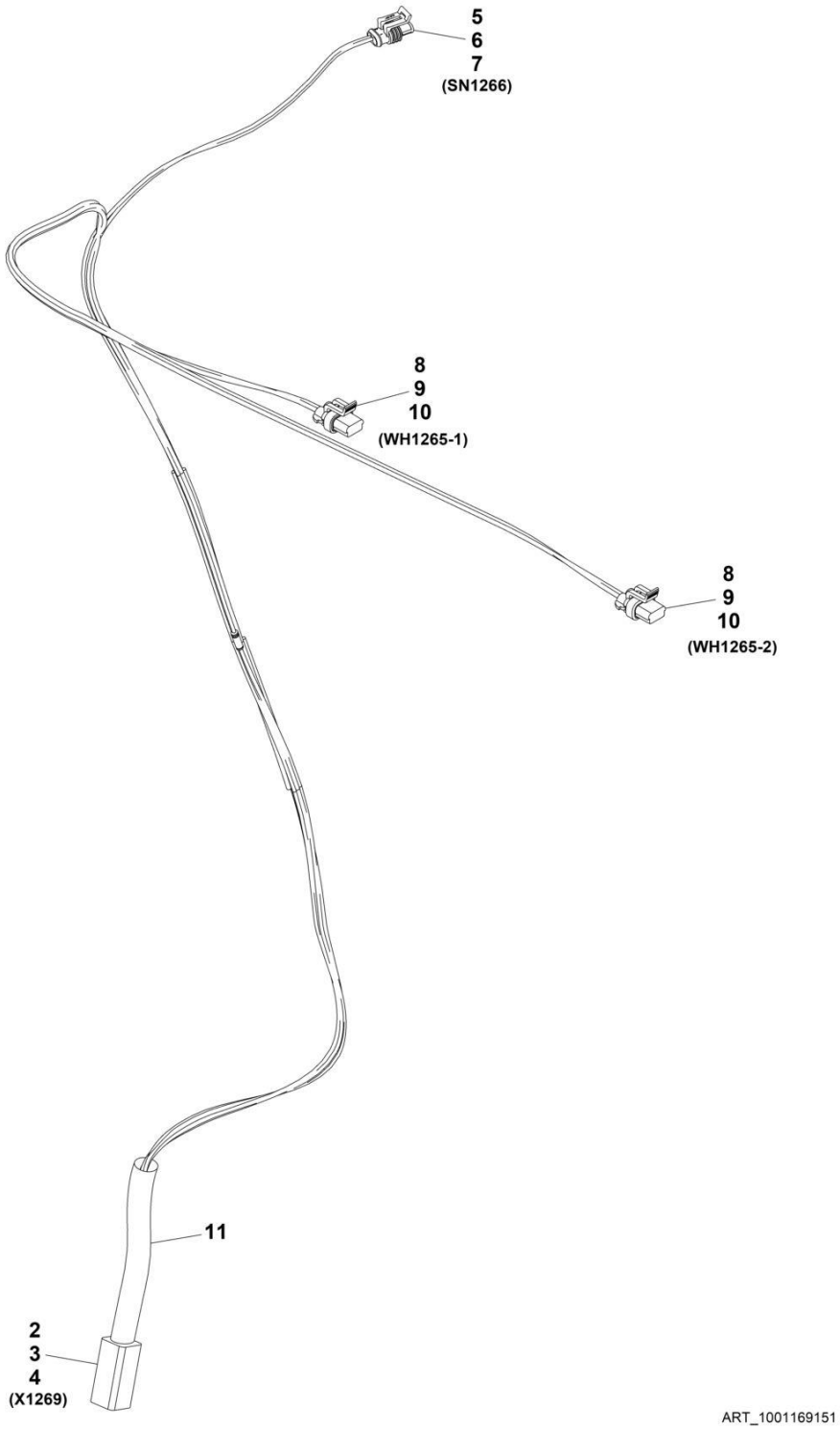


FIGURE 10-4. A/C OPTION HARNESS

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 10-5. AIR SHUT OFF VALVE HARNESS - CAB

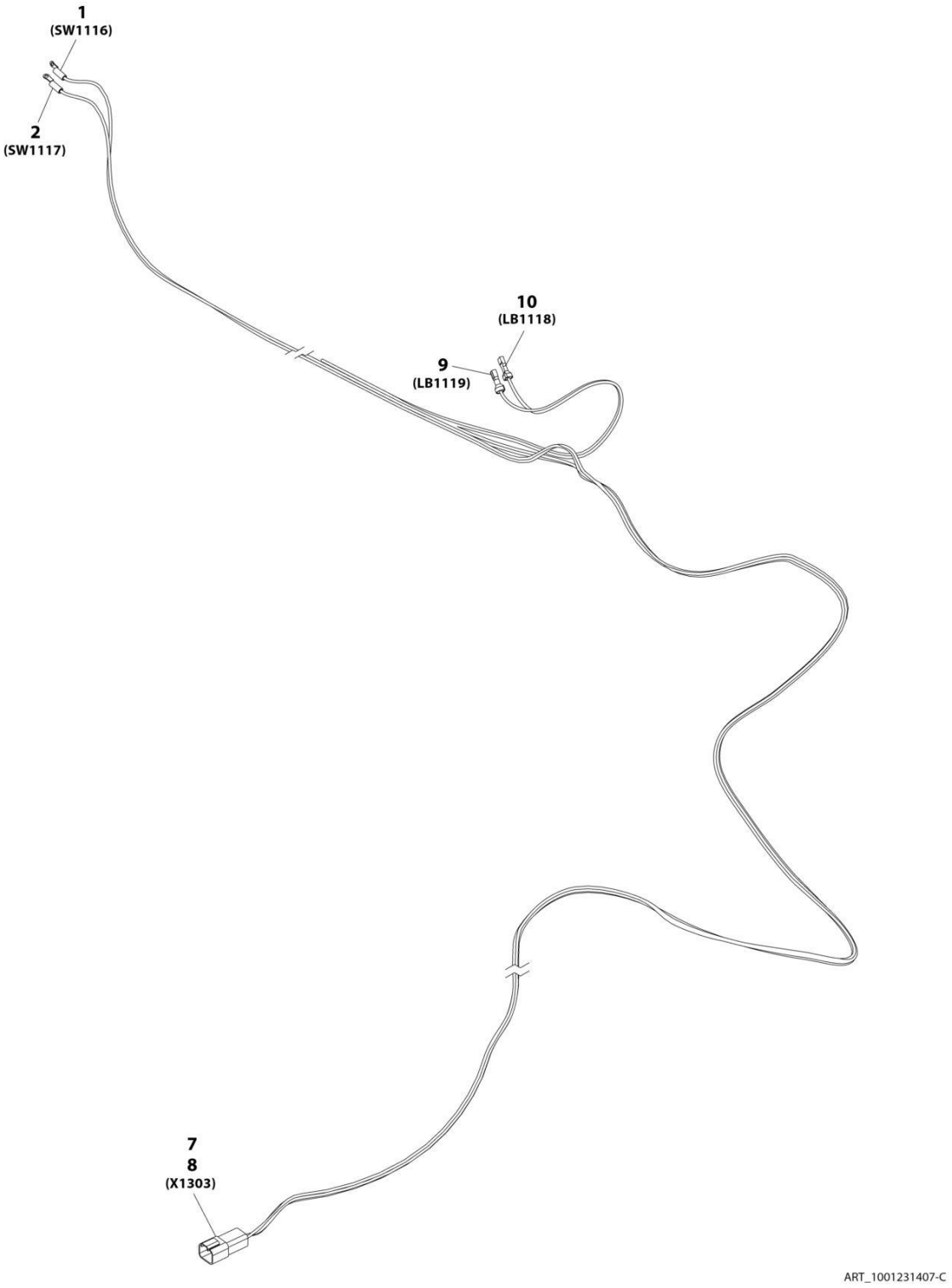


FIGURE 10-5. AIR SHUT OFF VALVE HARNESS - CAB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231407	1	Air Shutoff Valve Harness	C
1	8220035	1	Terminal, Ring	
2	8220035	1	Terminal, Ring	
7	4460932	1	Connector	
8	4460464	4	Pin	
9	8220108	1	Connector, Female	
10	8220108	1	Connector, Female	

FIGURE 10-6. AIR SHUT OFF VALVE HARNESS - ENGINE

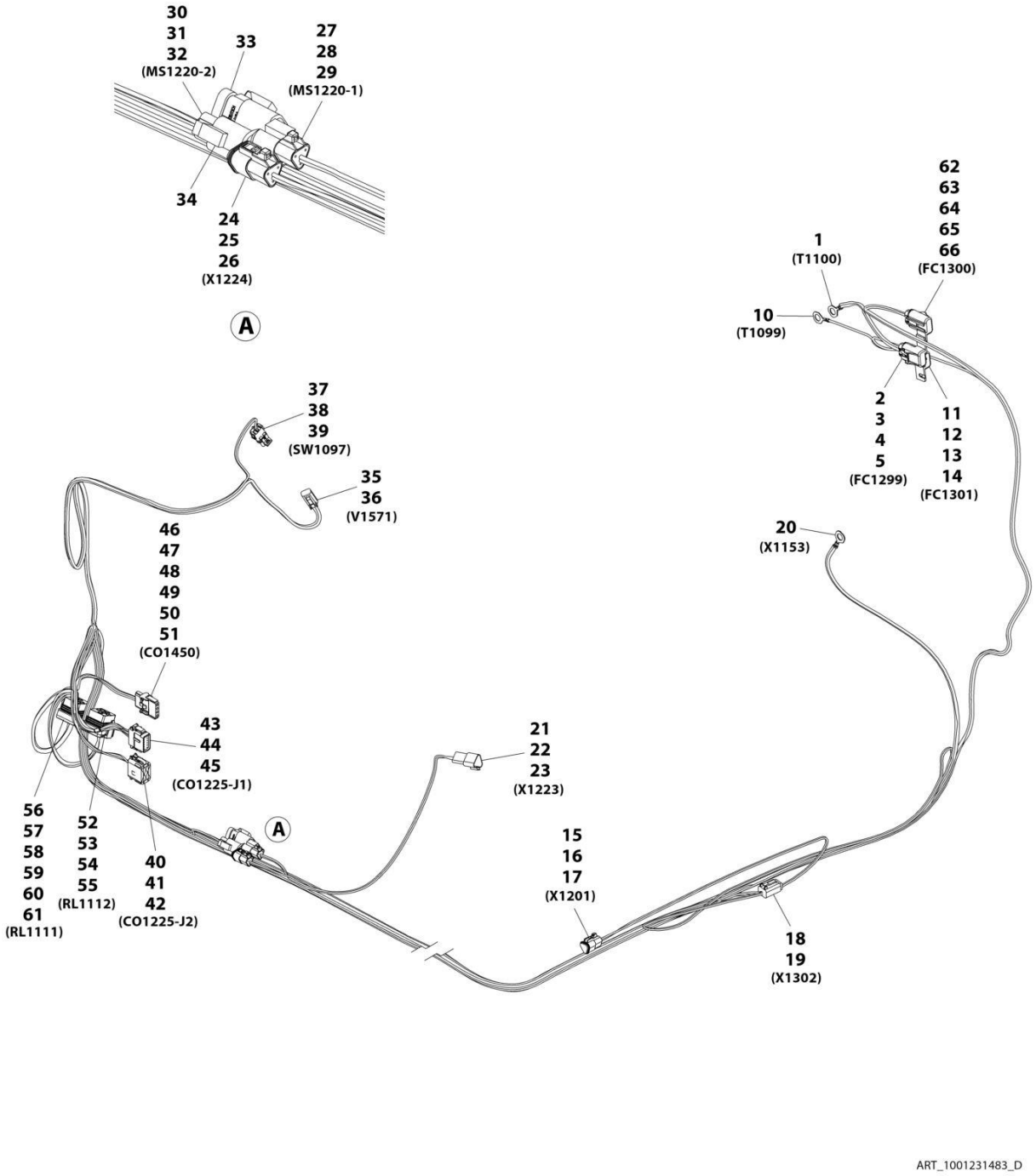


FIGURE 10-6. AIR SHUT OFF VALVE HARNESS - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231483	Ref	Air Shut Off Valve Harness (Engine)	D
1	1001187079	1	Terminal, Ring	
2	1001231397	1	Connector	
3	8229235	1	Fuse, 20amp	
4	1001231401	2	Terminal	
5	1001230402	2	Seal	
10	1001187078	1	Terminal, Ring	
11	1001231397	1	Connector	
12	8229261	1	Fuse, 5amp	
13	1001231400	2	Terminal	
14	1001230403	2	Seal	
15	1001116812	1	Connector	
16	4460465	2	Terminal	
17	4460466	1	Plug	
18	4460884	1	Connector	
19	4460465	4	Terminal	
20	1001187079	1	Terminal, Ring	
21	1001144147	1	Connector	
22	4460464	2	Terminal	
23	4460466	1	Plug	
24	1001116812	1	Connector	
25	4460465	2	Terminal	
26	4460466	1	Plug	
27	1001116812	1	Connector	
28	4460465	2	Terminal	
29	4460466	1	Plug	
30	4460539	1	Connector	
31	4460465	2	Terminal	
32	4460466	1	Plug	
33	1001116815	1	Connector, 3 Pin	
34	4460945	1	Terminal, 3 Way "T" Receptacle	
35	4460891	1	Connector	
36	1001157890	2	Terminal	
37	4460742	1	Connector	
38	4460475	2	Terminal	
39	4460458	2	Plug	
40	1001116774	1	Connector	
41	4460518	8	Plug	
42	1001126008	4	Terminal	
43	1001116808	1	Connector	
44	1001126008	9	Terminal	
45	4460518	3	Plug	
46	4460761	1	Connector	
47	4460321	1	Terminal	
48	1001118378	4	Terminal	
49	4460809	4	Plug	
50	1001143551	1	Seal	
51	1001218358	1	Lanyard Rope	
52	1001231398	1	Connector	
53	1001231400	4	Terminal	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
54	1001231404	4	Seal	
55	1001231406	1	Plug	
56	1001231398	1	Connector	
57	1001231401	2	Terminal	
58	1001231402	2	Seal	
59	1001231400	2	Terminal	
60	1001231404	2	Seal	
61	1001231406	1	Plug	
62	1001231397	1	Connector	
63	8229234	1	Fuse, 10amp	
64	1001231400	2	Terminal	
65	1001230403	1	Seal	
66	1001230404	1	Seal	

FIGURE 10-7. ALARM INSTALLATION - BACK UP (97DB)

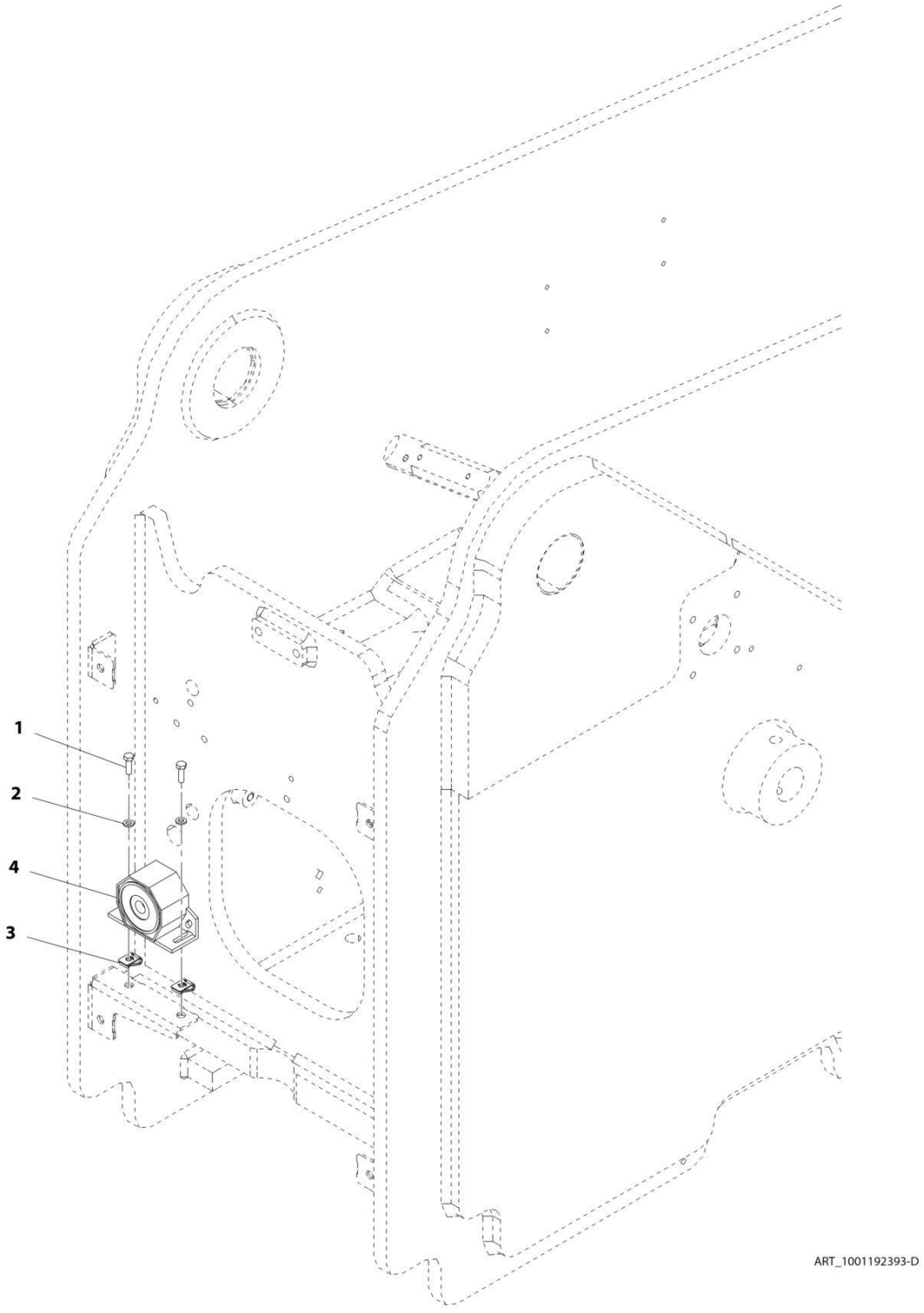


FIGURE 10-7. ALARM INSTALLATION - BACK UP (97DB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192393	Ref	Backup Alarm Installation (97 dB)	D
1	0700610	2	Bolt, M6X20	
2	4811702	2	Washer, M6	
3	8305919	2	Nut, M6	
4	1001101808	1	Alarm, Backup	

FIGURE 10-8. ALARM INSTALLATION - BACK UP (120DB)

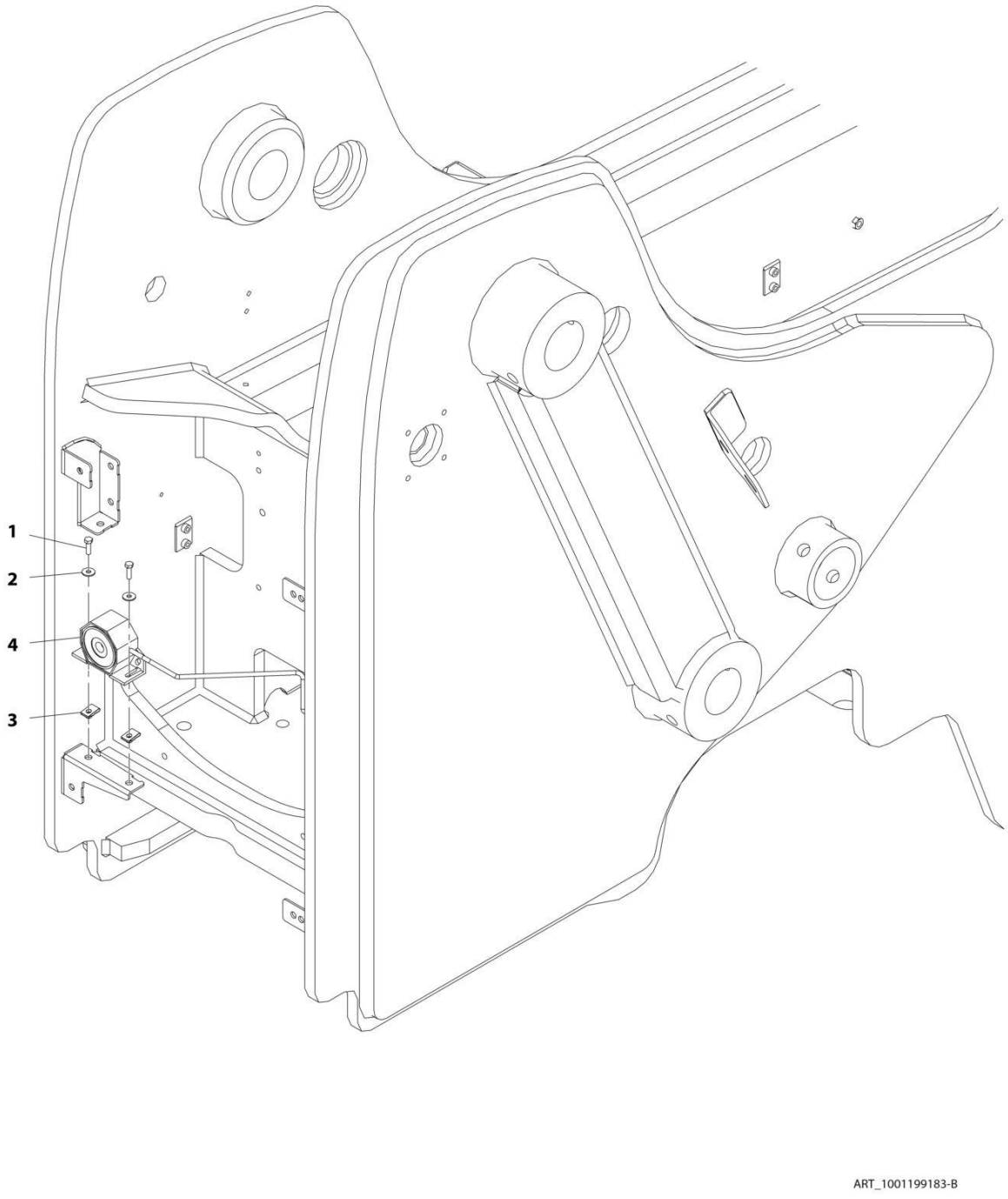


FIGURE 10-8. ALARM INSTALLATION - BACK UP (120DB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199183	Ref	Backup Alarm Installation (120 dB)	B
1	0700610	2	Bolt, M6X20	
2	4811702	2	Washer, M6	
3	1001130220	2	Nut, M6	
4	1001147060	1	Alarm, Backup	

FIGURE 10-9. ALARM INSTALLATION - BACK UP (WHITE NOISE)

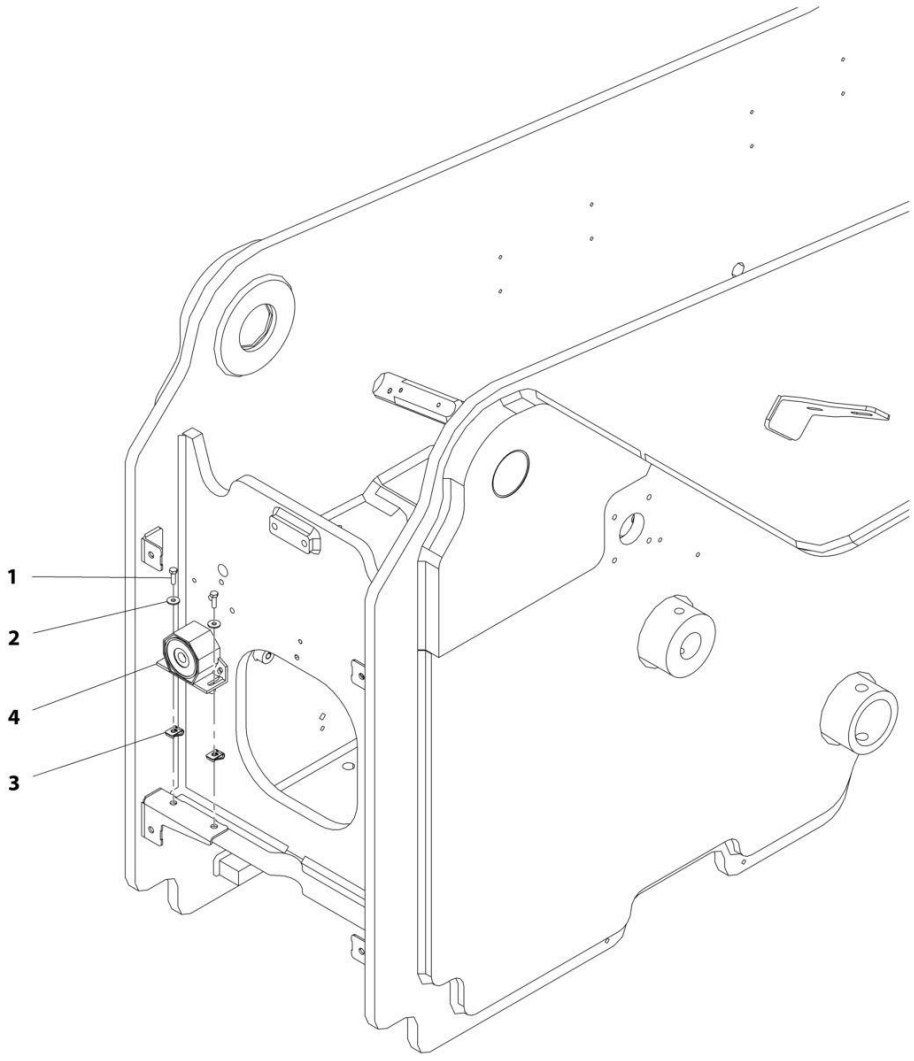


FIGURE 10-9. ALARM INSTALLATION - BACK UP (WHITE NOISE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192394	Ref	White Noise Backup Alarm Installation	D
1	0700610	2	Bolt, M6X20	
2	4811702	2	Washer, M6	
3	8305919	2	Nut, M6	
4	1001165827	1	Alarm, White Noise Backup	

FIGURE 10-10. ARCTIC COLD WEATHER PACKAGE INSTALLATION (74HP) (ULS)

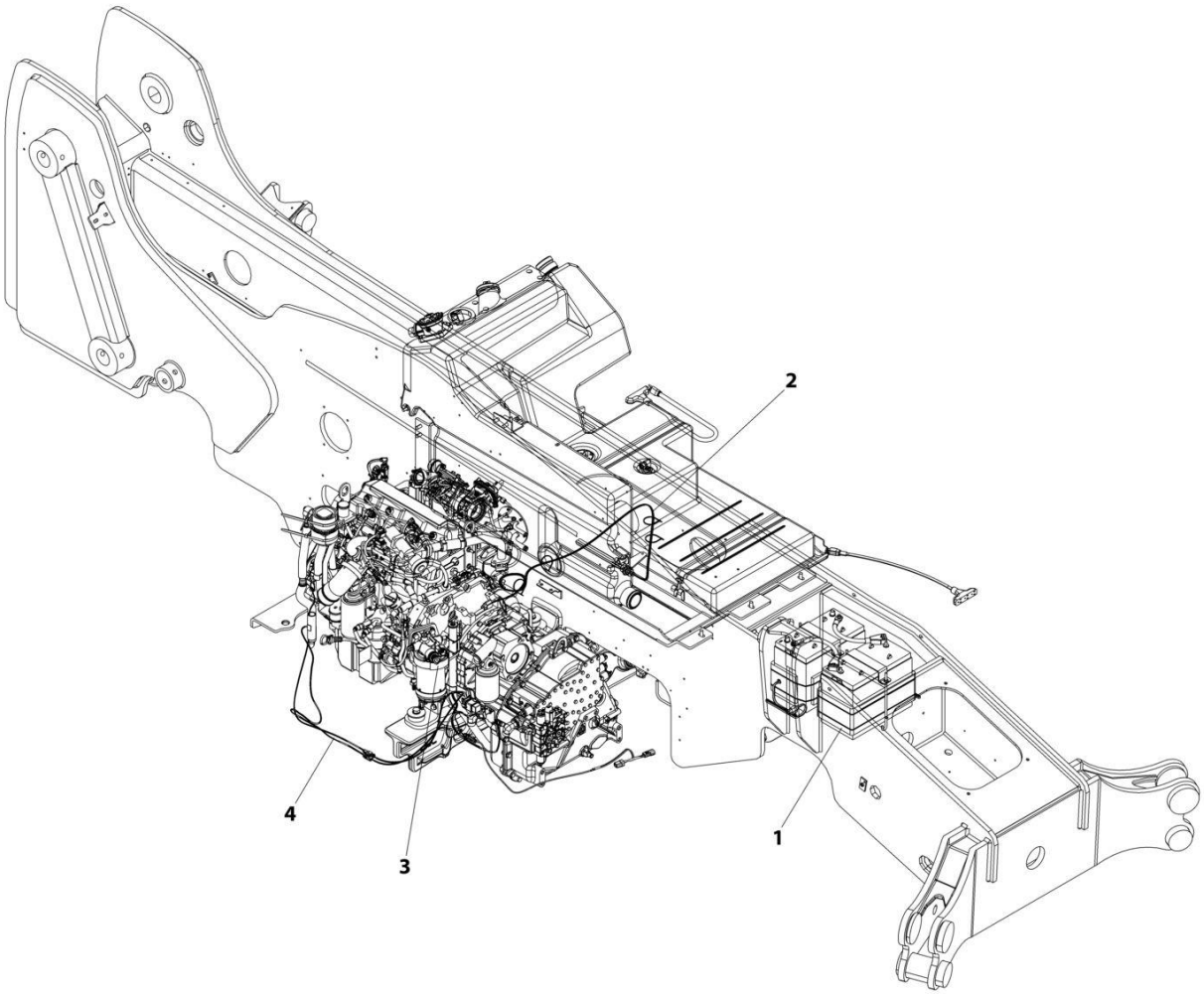


FIGURE 10-10. ARCTIC COLD WEATHER PACKAGE INSTALLATION (74HP) (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237209	Ref	Arctic Weather Package Installation - 74 HP (ULS)	B
1	1001190670	Ref	Installation, Arctic Batteries (See Separate Breakdown in this Section)	
2	1001190671	Ref	Installation, Hydraulic Tank Heater (See Separate Breakdown in this Section)	
3	1001204095	Ref	Installation, Fuel Filter Heater (See Separate Breakdown in this Section)	
4	1001237208	Ref	Heater, Breather - 74 HP (See Engine And Attaching Parts for Breakdown)	

FIGURE 10-11. ARCTIC COLD WEATHER PACKAGE INSTALLATION (110HP) (ULS)

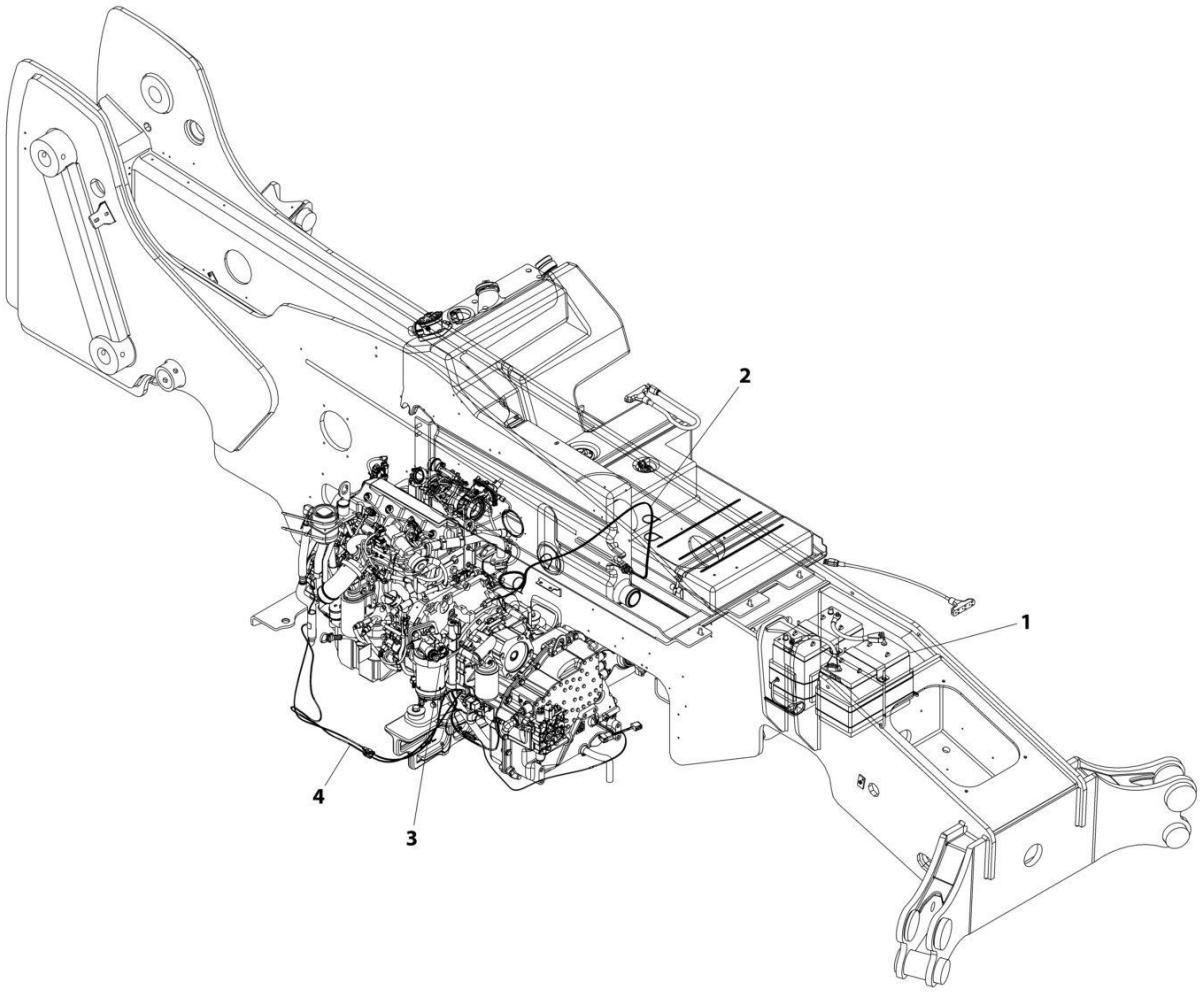


FIGURE 10-11. ARCTIC COLD WEATHER PACKAGE INSTALLATION (110HP) (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190179	Ref	Arctic Weather Package Installation - 110 HP (ULS)	E
1	1001190670	Ref	Installation, Arctic Batteries (See Separate Breakdown in this Section)	
2	1001190671	Ref	Installation, Tank Heater (See Separate Breakdown in this Section)	
3	1001204095	Ref	Installation, Fuel Filter Heater (See Separate Breakdown in this Section)	
4	1001232751	Ref	Heater, Breather - 110 HP (See Separate Breakdown in this Section)	

FIGURE 10-12. ARCTIC COLD WEATHER PACKAGE INSTALLATION (110HP) (LS)

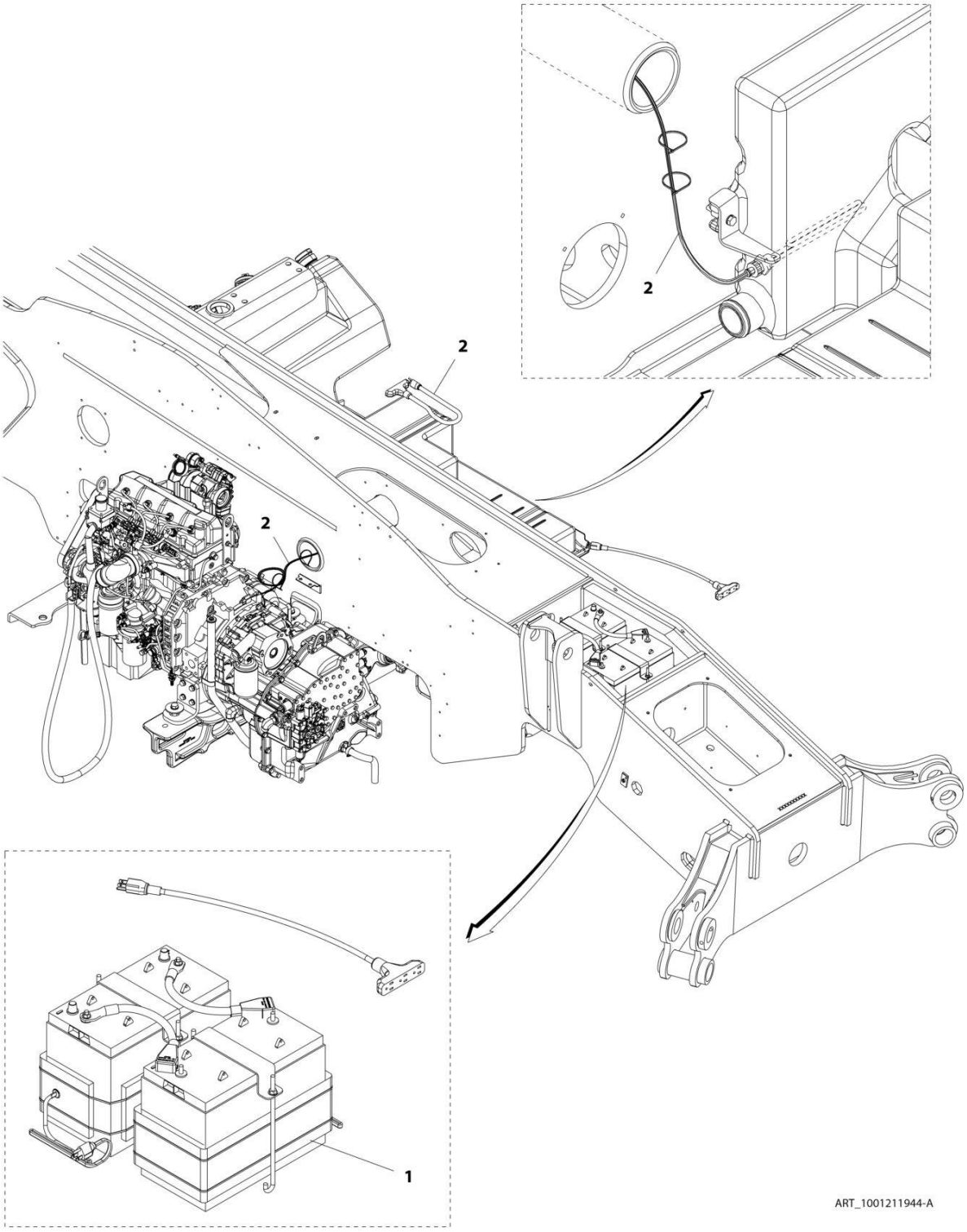


FIGURE 10-12. ARCTIC COLD WEATHER PACKAGE INSTALLATION (110HP) (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001211944	Ref	Arctic Weather Package Installation (LS)	A
1	1001190670	Ref	Installation, Arctic Batteries (See Separate Breakdown in this Section)	
2	1001190671	Ref	Installation, Tank Heater (See Separate Breakdown in this Section)	

FIGURE 10-13. BATTERY INSTALLATION

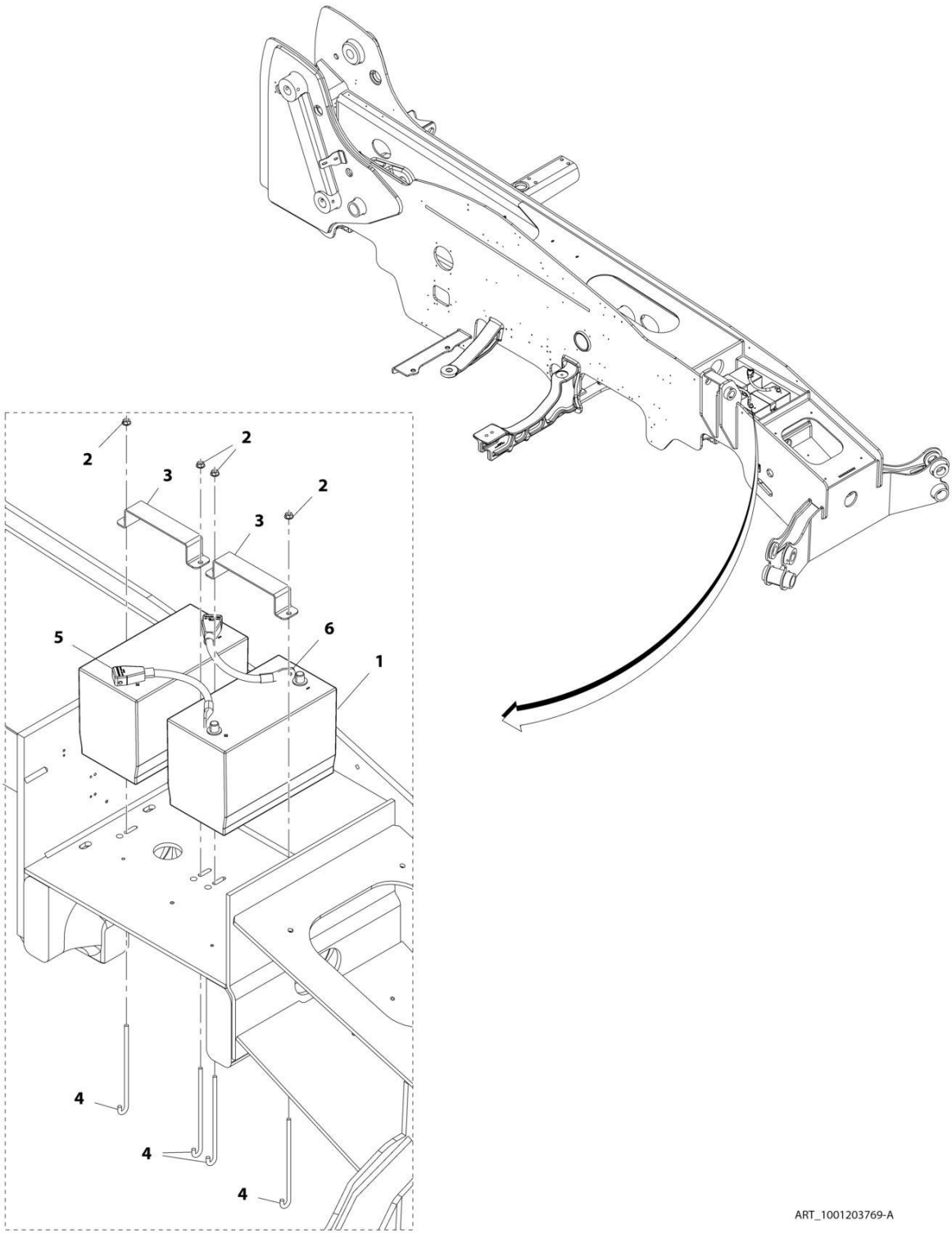


FIGURE 10-13. BATTERY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203769	Ref	Battery Installation	A
1	0400075	2	Battery, 12V	
2	5220800	4	Nut, M8	
3	1001160927	2	Plate	
4	1001181961	4	J-Bolt	
5	1001203557	1	Cable	
6	1001203558	1	Cable	

FIGURE 10-14. BATTERY INSTALLATION

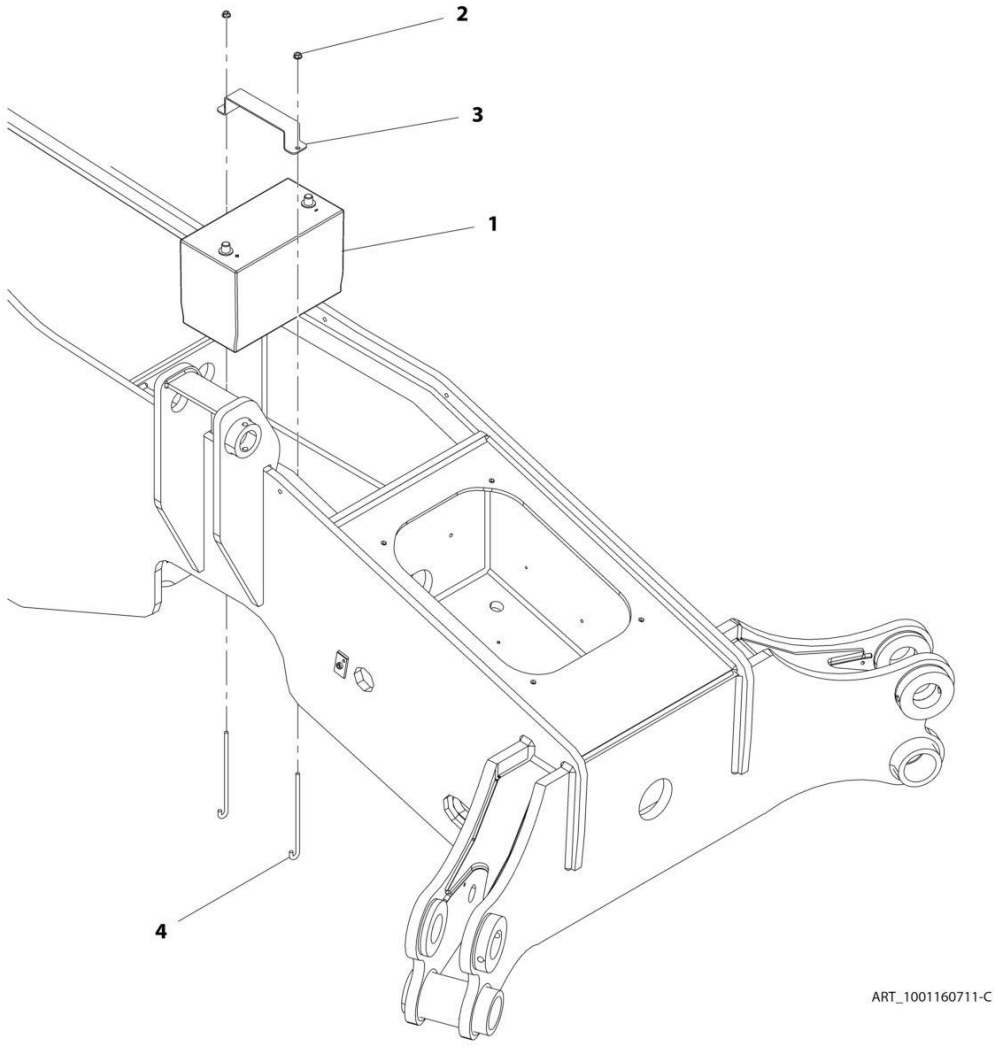


FIGURE 10-14. BATTERY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160711	Ref	Battery Installation	C
1	0400075	1	Battery, 12V	
2	5220800	2	Nut, M8	
3	1001160927	1	Plate	
4	1001181961	2	J-Bolt	

FIGURE 10-15. BATTERY INSTALLATION - ARCTIC PACKAGE

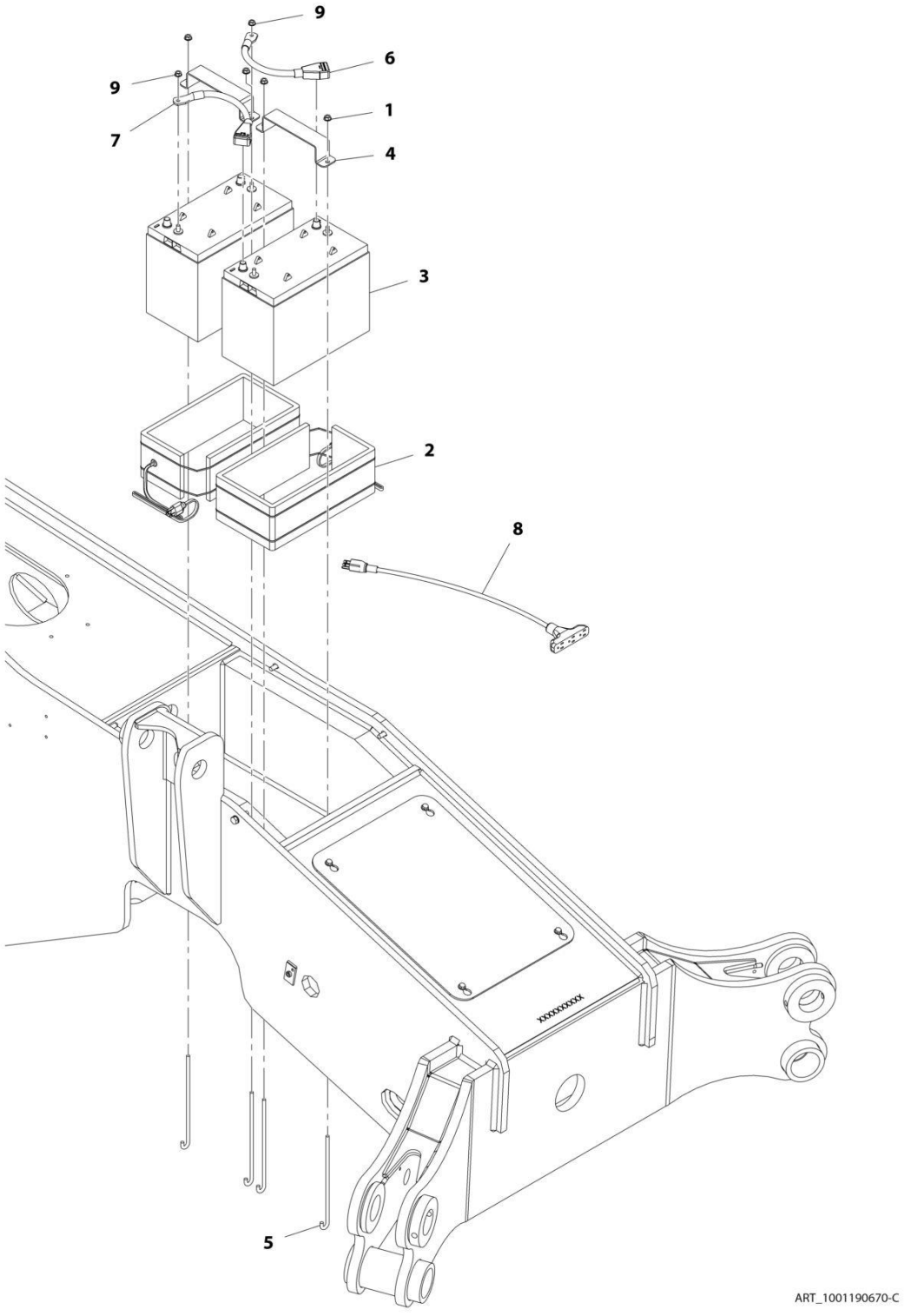


FIGURE 10-15. BATTERY INSTALLATION - ARCTIC PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190670	Ref	Artic Batteries Installation	C
1	5220800	4	Nut, M8	
2	1001093564	2	Heater, Battery	
3	1001098762	2	Battery, 12V	
4	1001160927	2	Plate	
5	1001160928	4	J-Bolt	
6	1001172495	1	Cable	
7	1001172496	1	Cable	
8	1060626	1	Cord, 3-Way Extension	
9	3311508	2	Nut	

FIGURE 10-16. BOOM ANGLE SENSOR INSTALLATION (LSI)

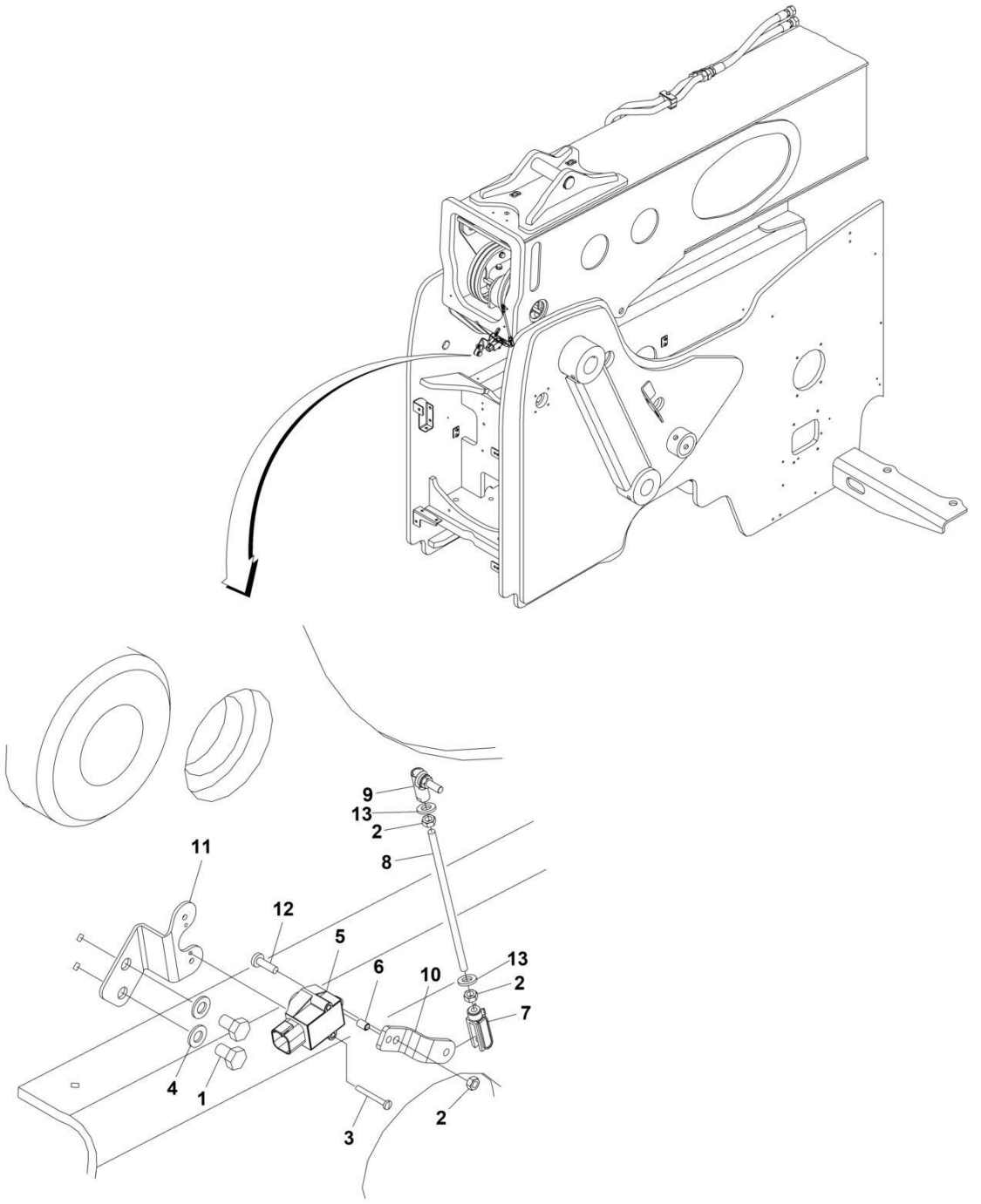


FIGURE 10-16. BOOM ANGLE SENSOR INSTALLATION (LSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001259082	Ref	BOOM ANGLE SENSOR INSTALLATION	B
1	0761008	2	Bolt M10 X 16	
2	3290601	3	Nut M6	
3	4010415	2	Screw M4 x 35	
4	4812000	2	Washer M10	
5	1001099717	1	Sensor, Angle	
6	1001103156	1	Pin	
7	1001134274	1	Clevis	
8	1001168482	1	Rod	
9	1001184484	1	Joint, Ball	
10	1001188787	1	Link, Boom Angle Sensor	
11	1001211059	1	Bracket, Boom Angle Sensor	
12	4010610002	1	Screw M6 X 20	
13	4761400	1	Washer 1/4	

FIGURE 10-17. BOOM ELECTRIC HARNESS INSTALLATION

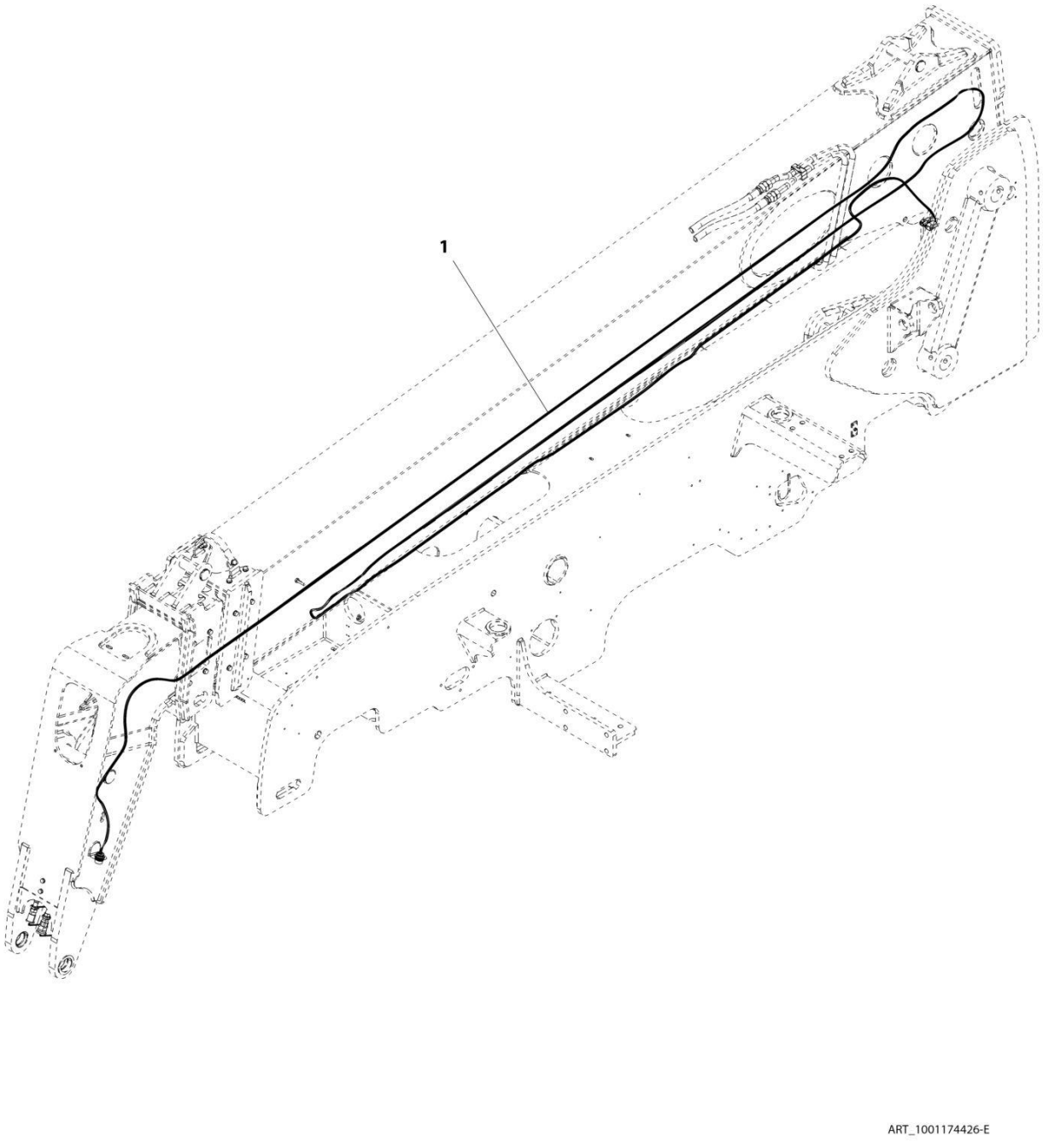


FIGURE 10-17. BOOM ELECTRIC HARNESS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174426	Ref	Boom Electrical Harness Installation	E
1	1001172728	1	Harness, Boom (See Separate Breakdown in this Section)	

FIGURE 10-18. BOOM ELECTRIC HARNESS

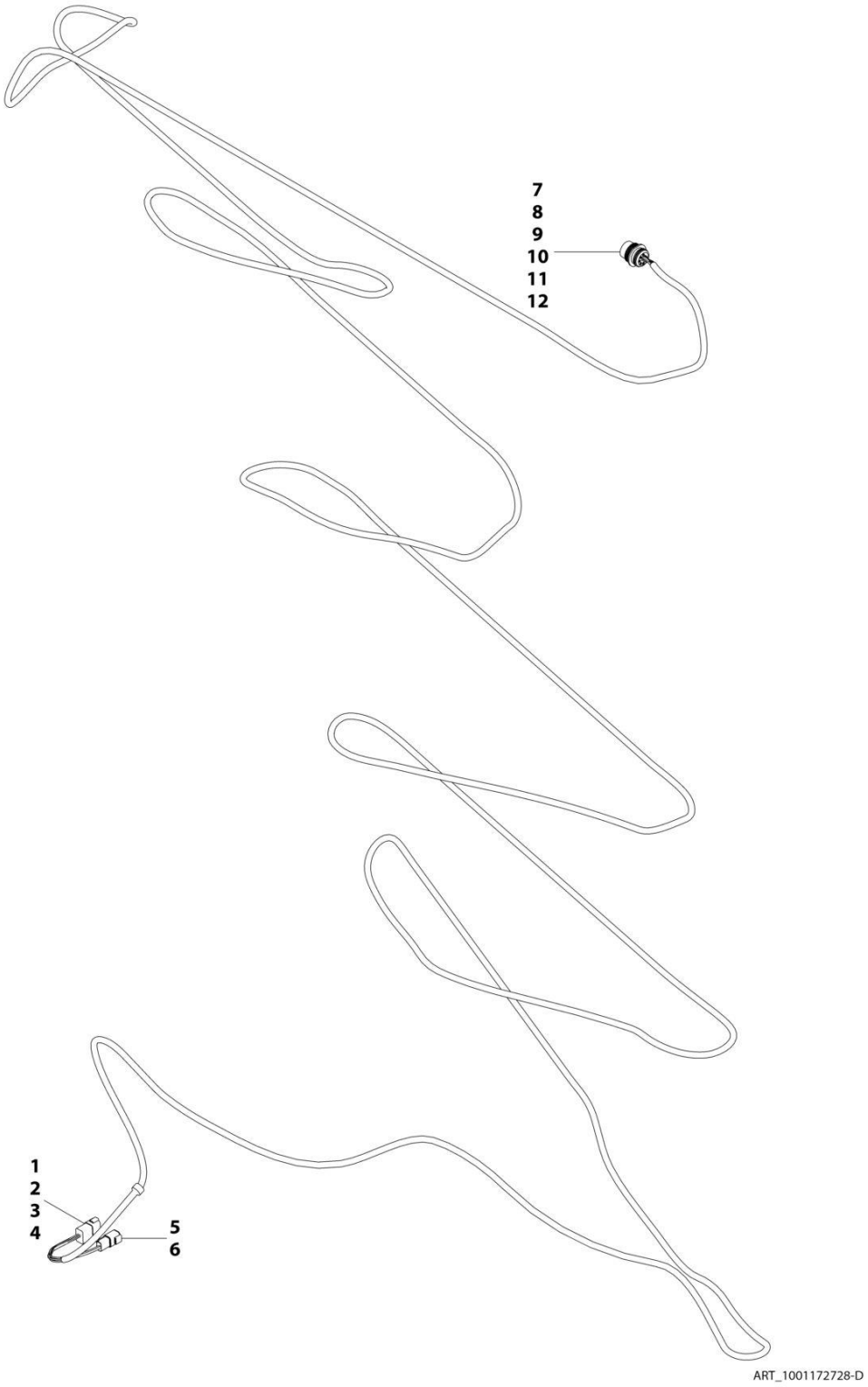


FIGURE 10-18. BOOM ELECTRIC HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172728	Ref	Boom Harness	D
1	4460931	1	Connector	
2	4460943	2	Terminal	
3	4460464	4	Terminal	
4	4460466	2	Plug	
5	4461017	1	Connector	
6	4460508	2	Terminal	
7	1001112612	1	Connector	
8	1001183221	1	Boot	
9	1001157891	1	Terminal	
10	4460464	4	Terminal	
11	4460943	2	Terminal	
12	4460466	1	Plug	

FIGURE 10-19. BOOM AUXILIARY ELECTRIC INSTALLATION

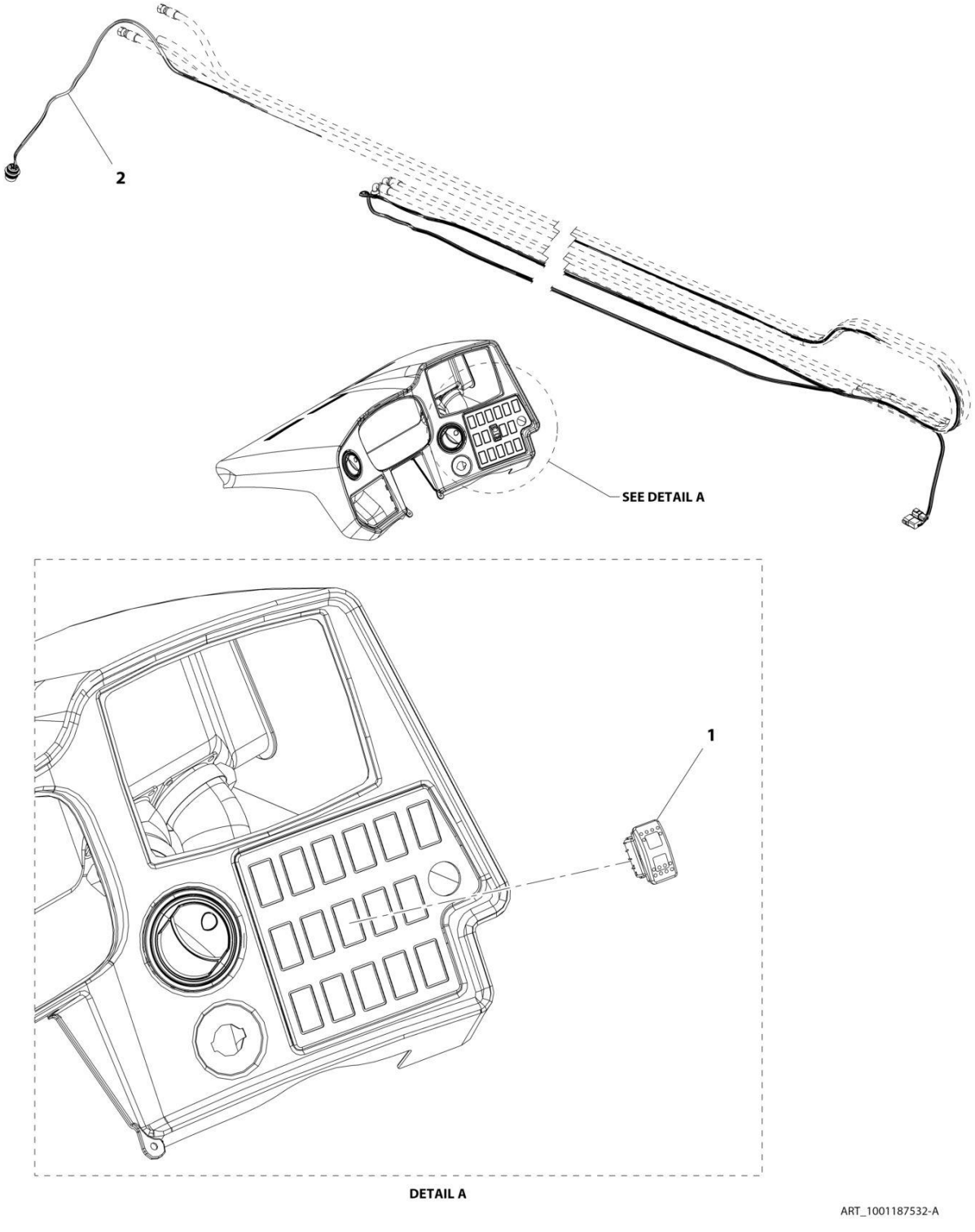


FIGURE 10-19. BOOM AUXILIARY ELECTRIC INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187532	Ref	Boom Auxiliary Electric Installation	A
1	1001159746	1	Switch, Auxiliary Electric	
2	1001174426	1	Installation, Boom Electrical Harness (See Separate Breakdown in this Section)	

FIGURE 10-20. BOOM AUXILIARY ELECTRIC HARNESS INSTALLATION

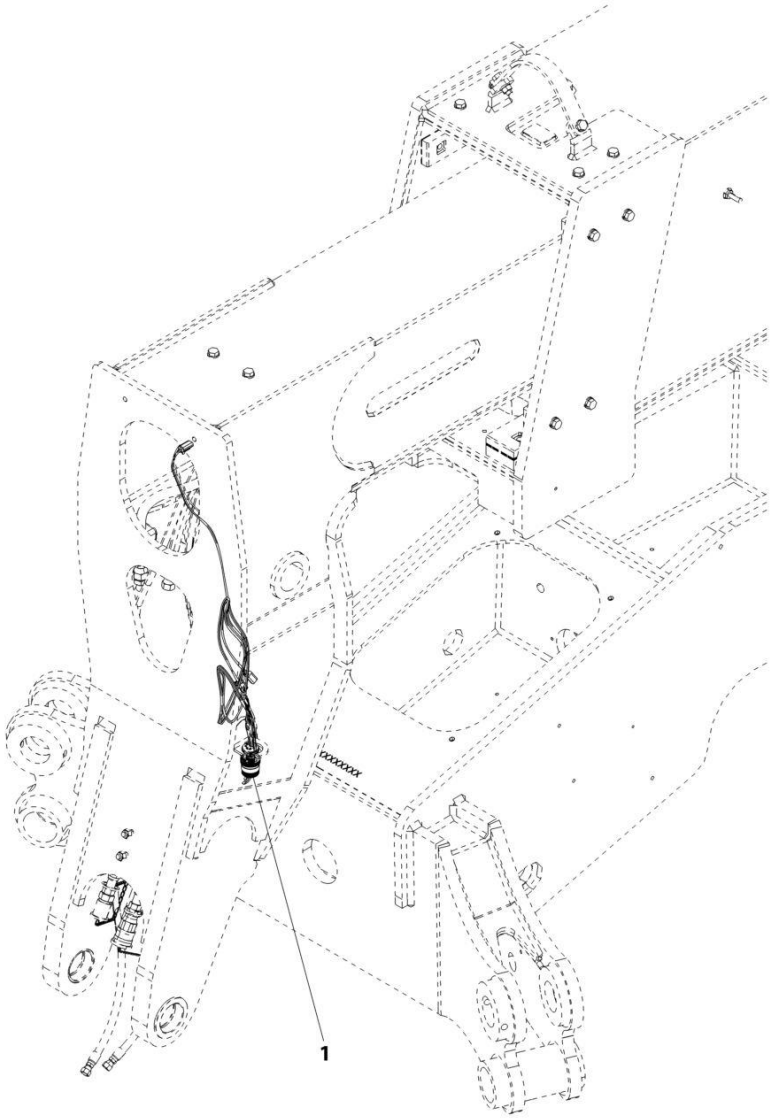


FIGURE 10-20. BOOM AUXILIARY ELECTRIC HARNESS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167799	Ref	Boom Auxiliary Electric Harness Installation	B
1	1001167695	1	Harness, Platform (See Separate Breakdown in this Section)	

FIGURE 10-21. CAB DASH ELECTRICAL (ULS)

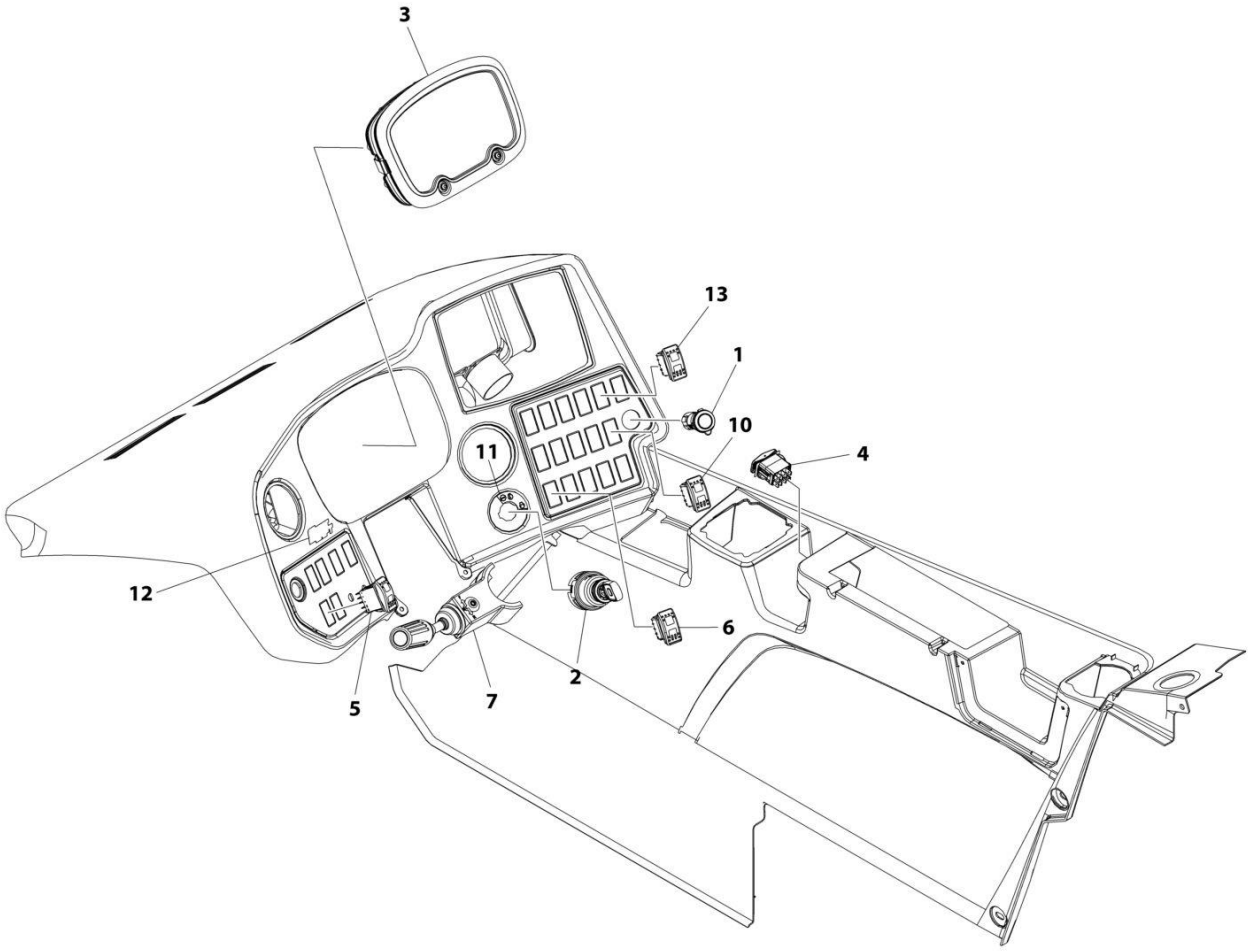


FIGURE 10-21. CAB DASH ELECTRICAL (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173849	Ref	DASH ELECTRICAL INSTALLATION (IF EQUIPPED FOR ULS)	J
1	1001095804	1	Connector, 12V Power Socket	
2	1001102502	1	Switch, 4 Position Key	
2	70022765	1	Key, Ignition	
3	1001158146	1	Cluster, Electrical Gauge	
4	1001212470	1	Switch, Frame Level	
5	1001159753	1	Switch, Park Brake	
6	1001159849	1	Switch, Steer Mode	
7	1001239793	1	Switch, FNR 4 Speed	
10	1001104654	1	Switch, AUX	
11	1001181531	1	Decal, Ignition Switch	
12	1001262072	1	Decal, Smart Shift Logo	
13	1001285715	1	Switch, Beacon	

FIGURE 10-22. CAB DASH ELECTRICAL (LS)

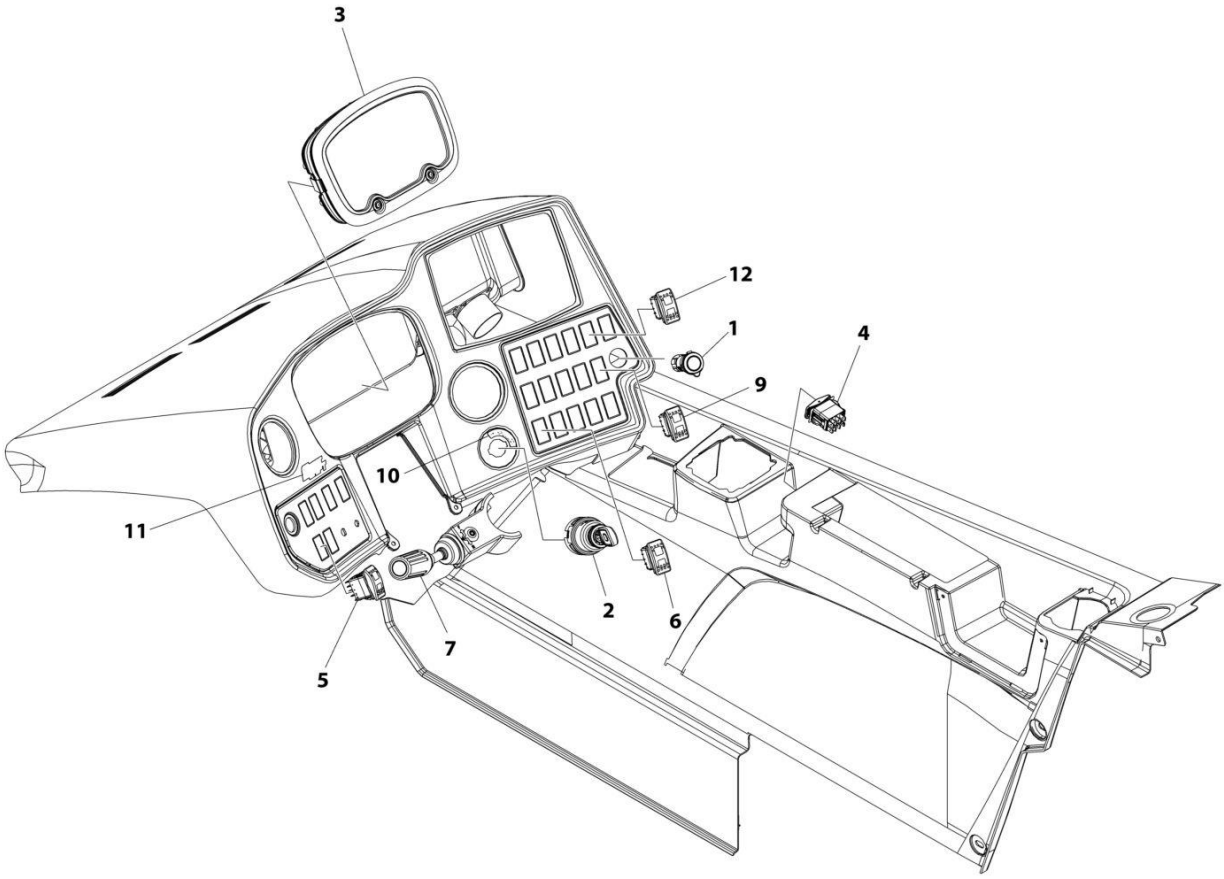


FIGURE 10-22. CAB DASH ELECTRICAL (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203225	Ref	DASH ELECTRICAL INSTALLATION (LS)	F
1	1001095804	1	Connector, 12V Power Socket	
2	1001102502	1	Switch, 4 Position Key	
2	70022765	1	Key, Ignition	
3	1001202454	1	Cluster, Electrical Gauge	
4	1001212470	1	Switch, Frame Level	
5	1001159753	1	Switch, Park Brake	
6	1001159849	1	Switch, Steer Mode	
7	1001239793	1	Switch, FNR 4 Speed	
9	1001104654	1	Switch, AUX	
10	1001181531	1	Decal, Ignition Switch	
11	1001262072	1	Decal, Smart Shift Logo	
12	1001285715	1	Switch, Beacon	

FIGURE 10-23. CAB ELECTRICAL INSTALLATION

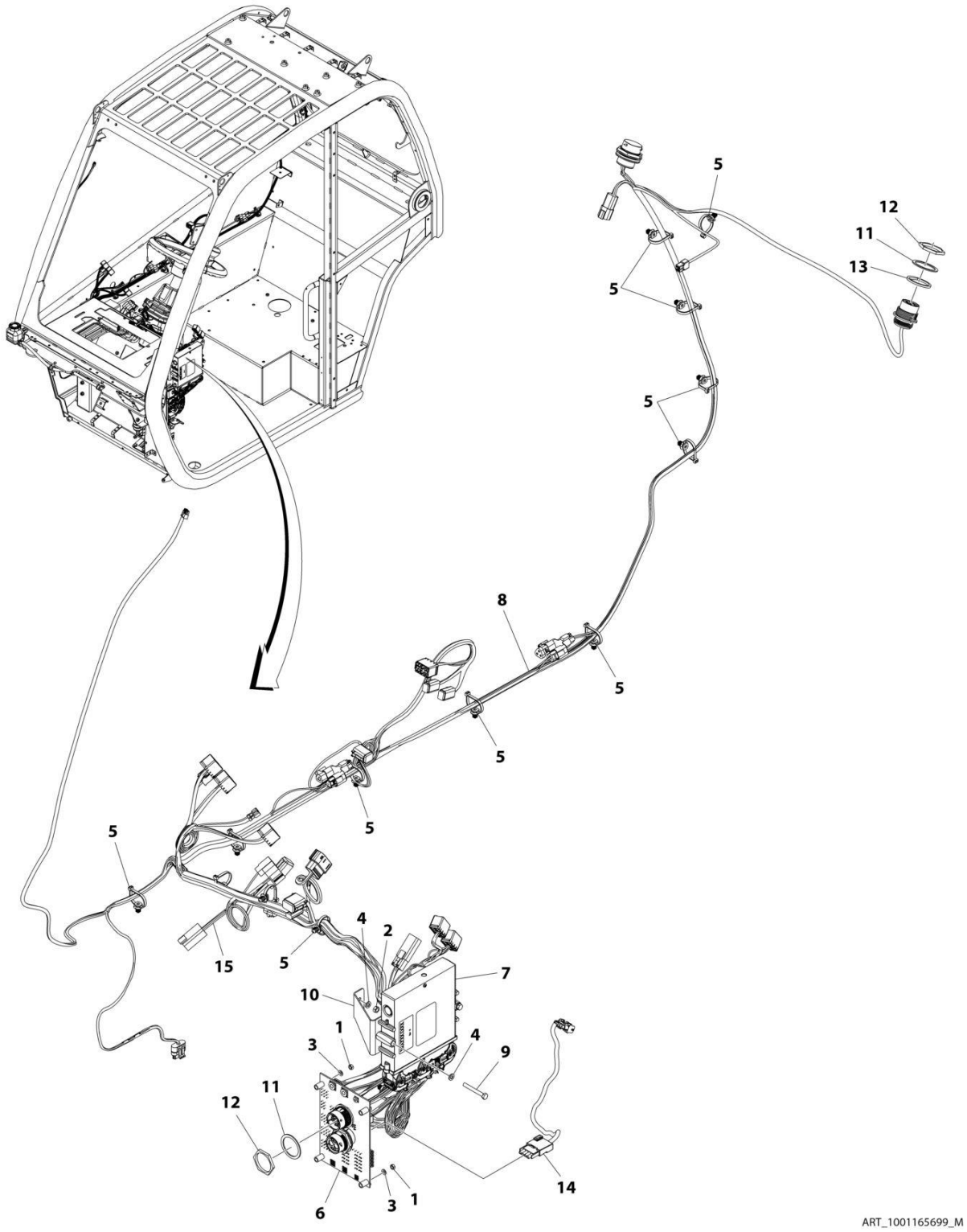


FIGURE 10-23. CAB ELECTRICAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165699	Ref	CAB ELECTRICAL INSTALLATION	M
1	3290501	3	Nut M5 x 0.8	
2	3290601	2	Nut M6 x 1	
3	120034	3	Washer, Plastic	
4	4811700	4	Washer M6	
5	1001146588	16	Tie Strap	
6	1001161769	1	Assembly, Standard Electrical Board (See Separate Breakdown in this Section)	
7	1001270466	1	Module	
8	1001282322	1	Harness, Cab (See Separate Breakdown in this Section)	
9	0700618	2	Bolt M6 x 50	
10	1001178933	1	Bracket	
11	4460496	4	Washer, Terminal Lock	
12	4460497	4	Nut, Terminal	
13	1001211693	2	Seal	
14	1001213988	1	Cable (See Separate Breakdown in this Section)	
15	1001241610	1	Key Harness (See Separate Breakdown in this Section)	

FIGURE 10-24. CAB ELECTRICAL BOARD ASSEMBLY

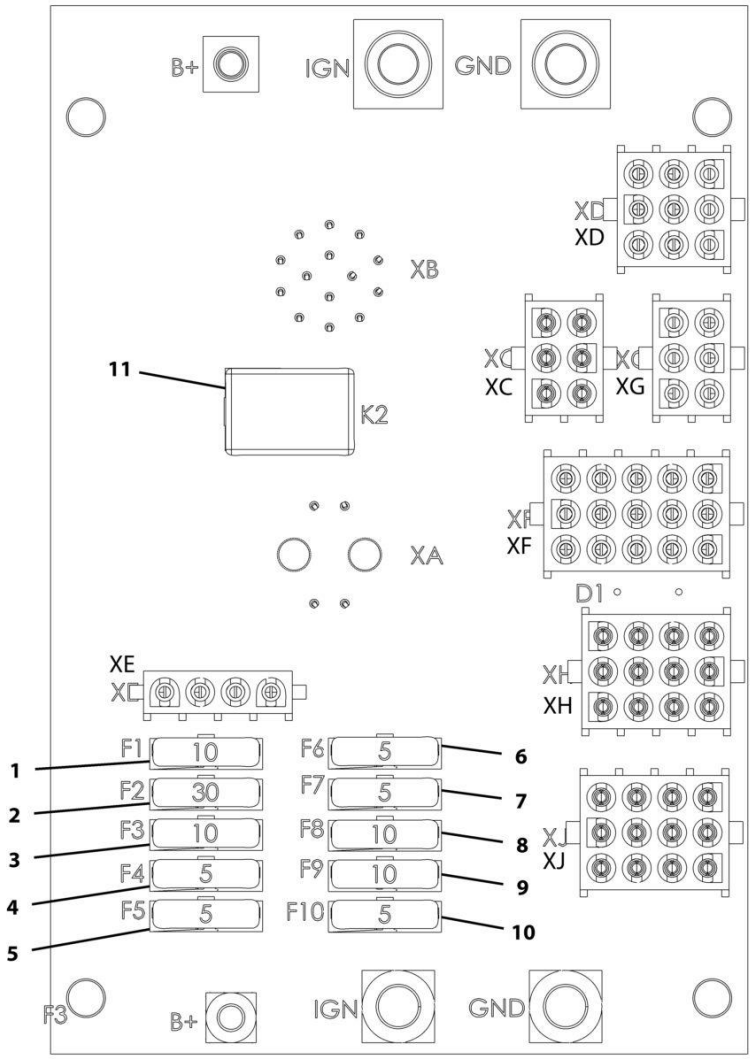


FIGURE 10-24. CAB ELECTRICAL BOARD ASSEMBLY

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 10-25. CAB ELECTRICAL COMMUNICATION CABLE

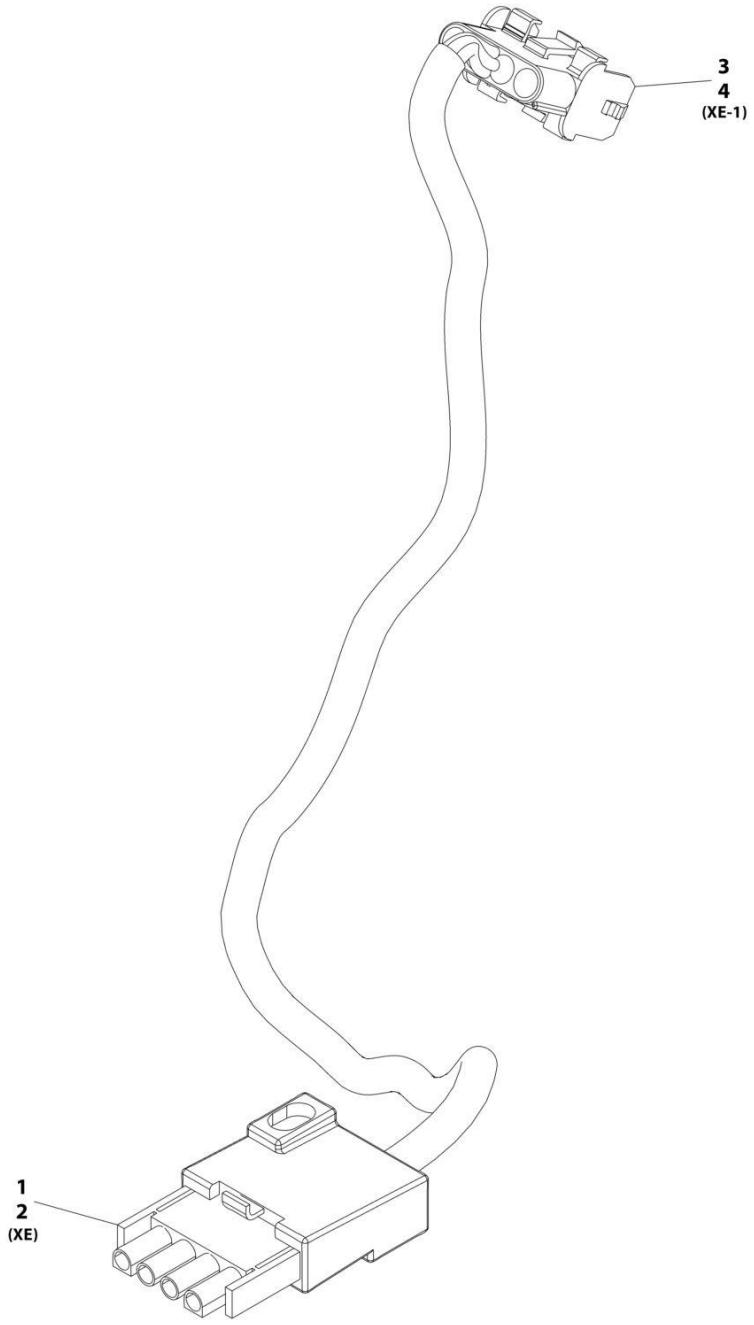


FIGURE 10-25. CAB ELECTRICAL COMMUNICATION CABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213988	Ref	Communication Analyzer Cable	A
1	4460321	1	Connector	
2	4460268	4	Terminal	
3	4460761	1	Connector	
4	4460267	4	Terminal	

FIGURE 10-26. CAB HARNESS

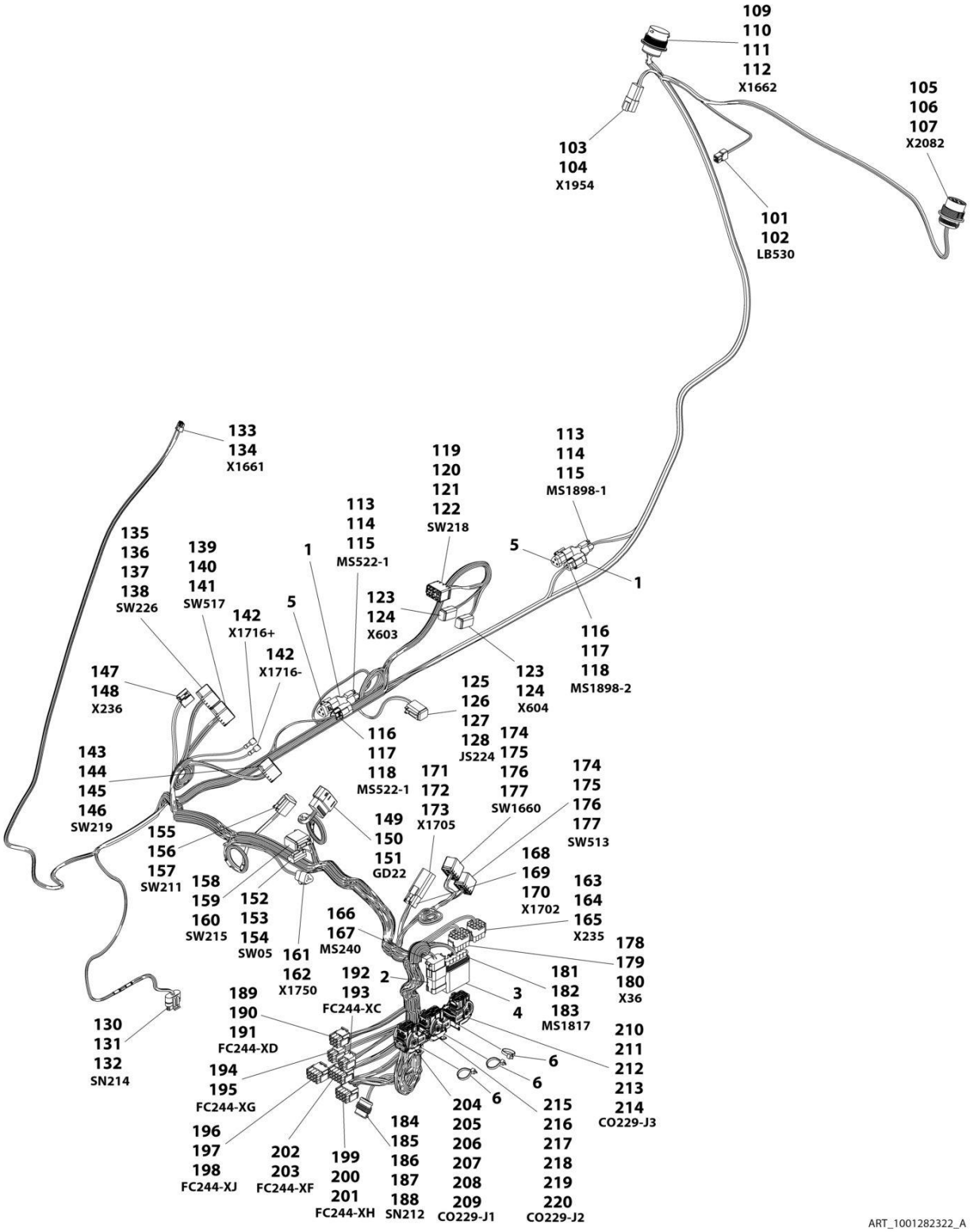


FIGURE 10-26. CAB HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001282322	Ref	CAB HARNESS	B
1	4460945	2	Terminal, 3 Way "T" Receptacle	
2	4460984	1	Plug, 8 Pin	
3	8220375	1	Cap	
4	1001177597	2	Diode, 6amp	
5	1001116815	1	Connector, 3 Pin	
6	1001008559	3	Tie-Strap	
101	1001116991	1	Connector	
102	1001118384	2	Terminal	
103	4460932	1	Connector	
104	4460941	4	Terminal	
105	1001112612	1	Connector	
106	4460464	5	Terminal	
107	4460943	4	Terminal	
109	4461016	1	Connector	
110	4460941	6	Terminal	
111	4460464	5	Terminal	
112	4460466	3	Plug	
113	1001116812	2	Connector	
114	4460944	4	Terminal	
115	4460466	2	Plug	
116	4460539	2	Connector	
117	4460944	4	Terminal	
118	4460466	2	Plug	
119	1001117081	1	Connector	
120	1001223455	2	Terminal	
121	1001118384	2	Terminal	
122	1001116723	2	Terminal	
123	4460884	2	Connector	
124	4460465	8	Terminal	
125	4460894	1	Connector	
126	4460465	3	Terminal	
127	4460944	2	Terminal	
128	4460466	1	Plug	
130	1001230931	1	Connector	
131	1001116748	4	Terminal	
132	1001273991	2	Terminal	
133	1001150735	1	Connector	
134	1001150737	7	Terminal	
135	1001117081	1	Connector	
136	1001118384	3	Terminal	
137	1001223455	1	Terminal	
138	1001116723	4	Terminal	
139	1001117081	1	Connector	
140	1001116723	6	Terminal	
141	1001223455	1	Terminal	
142	1001194421	1	Connector	
143	1001117081	1	Connector	
144	1001223455	3	Terminal	
145	1001118384	2	Terminal	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
146	1001116723	6	Terminal	
147	1001118684	1	Connector	
148	1001116754	2	Terminal	
149	1001162886	1	Connector	
150	1001162887	7	Terminal	
151	1001163340	13	Plug	
152	4460897	1	Connector	
153	4460464	1	Terminal	
154	4460466	1	Plug	
155	4460894	1	Connector	
156	4460465	4	Terminal	
157	4460466	2	Plug	
158	4460933	1	Connector	
159	4460465	9	Terminal	
160	4460466	3	Plug	
161	4460539	1	Connector	
162	4460465	3	Terminal	
163	4460343	1	Connector	
164	4460268	6	Terminal	
165	1001223457	15	Terminal	
166	4460930	1	Connector	
167	4460465	8	Terminal	
168	4460894	1	Connector	
169	4460465	5	Terminal	
170	4460466	1	Plug	
171	4460899	1	Connector	
172	4460464	1	Terminal	
173	4460466	5	Plug	
174	1001117081	2	Connector	
175	1001118384	2	Terminal	
176	1001223455	2	Terminal	
177	1001116723	8	Terminal	
178	4460434	1	Connector	
179	4460268	6	Terminal	
180	1001223457	7	Terminal	
181	4460744	1	Connector	
182	4460746	6	Terminal	
183	1001175265	6	Seal	
184	1001103012	1	Connector	
185	1001116698	2	Plug	
186	1001116697	1	Terminal	
187	1001237212	1	Terminal	
188	1001116763	2	Seal	
189	4460265	1	Connector	
190	4460268	7	Terminal	
191	1001223457	2	Terminal	
192	4460225	1	Connector	
193	4460267	6	Terminal	
194	4460225	1	Connector	
195	4460268	5	Terminal	
196	4460343	1	Connector	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
197	4460267	11	Terminal	
198	1001223456	1	Terminal	
199	4460343	1	Connector	
200	4460268	8	Terminal	
201	1001223457	1	Terminal	
202	4460434	1	Connector	
203	4460268	12	Terminal	
204	1001160498	1	Connector	
205	1001161097	22	Terminal	
206	1001161098	6	Terminal	
207	1001161099	1	Terminal	
208	1001161100	2	Plug	
209	1001161101	1	Plug	
210	1001161959	1	Connector	
211	1001161097	12	Terminal	
212	1001161098	1	Terminal	
213	1001161100	10	Plug	
214	1001161101	7	Plug	
215	1001160502	1	Connector	
216	1001161097	21	Terminal	
217	1001161098	5	Terminal	
218	1001161099	1	Terminal	
219	1001161100	19	Plug	
220	1001161101	2	Plug	

FIGURE 10-27. CAB ELECTRICAL INSTALLATION - ENCLOSED

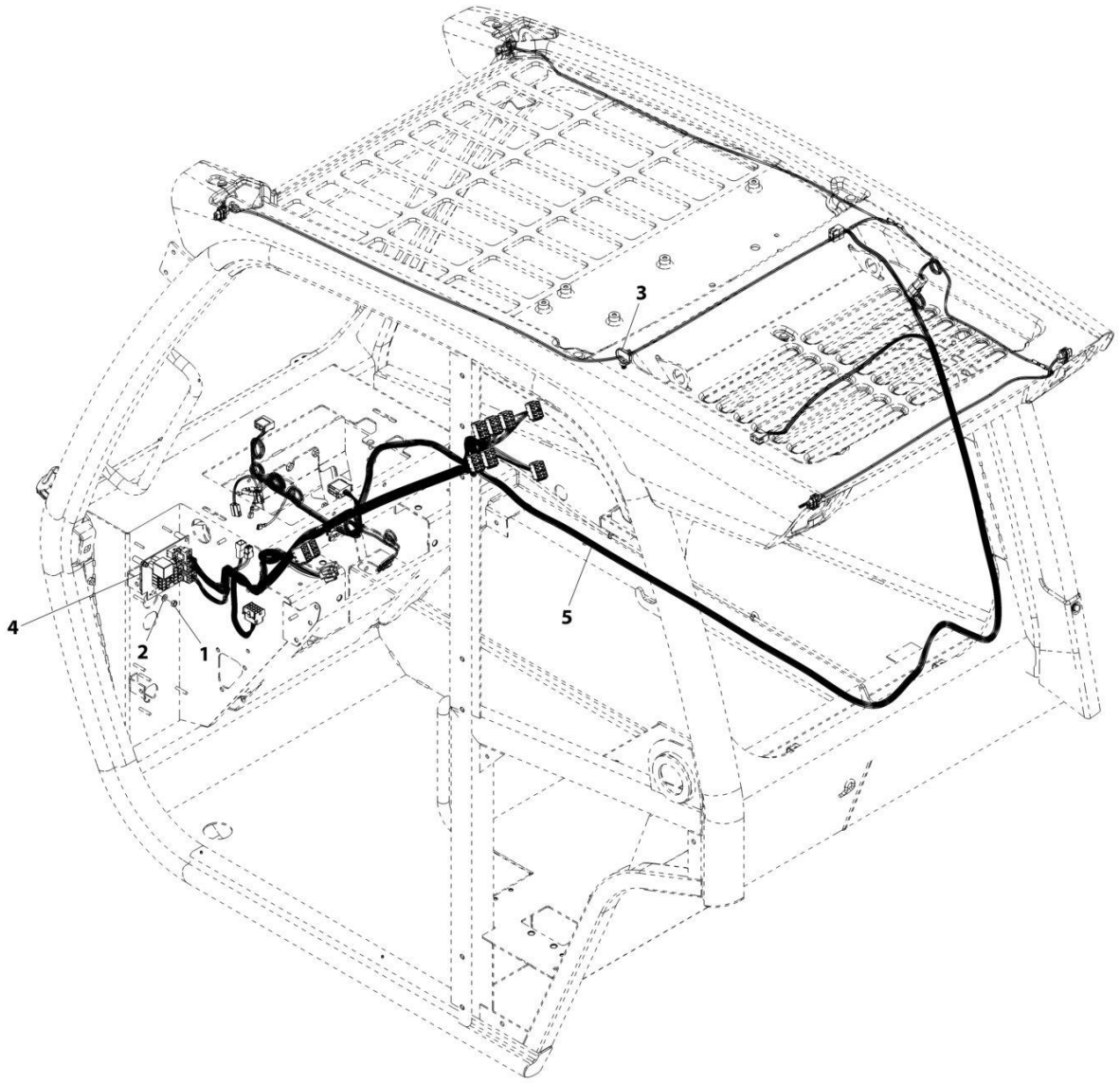


FIGURE 10-27. CAB ELECTRICAL INSTALLATION - ENCLOSED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166763	Ref	Enclosed Cab Electrical Installation with Options	E
1	3290501	1	Nut, M5X0.8	
2	120034	1	Washer, Plastic	
3	1001146588	1	Strap, Tie	
4	1001161770	1	Assembly, Option 1 Electrical Board (See Separate Breakdown in this Section)	
5	1001163371	1	Harness, Option 1 Cab (See Separate Breakdown in this Section)	

FIGURE 10-28. CAB ELECTRICAL INSTALLATION - OPEN

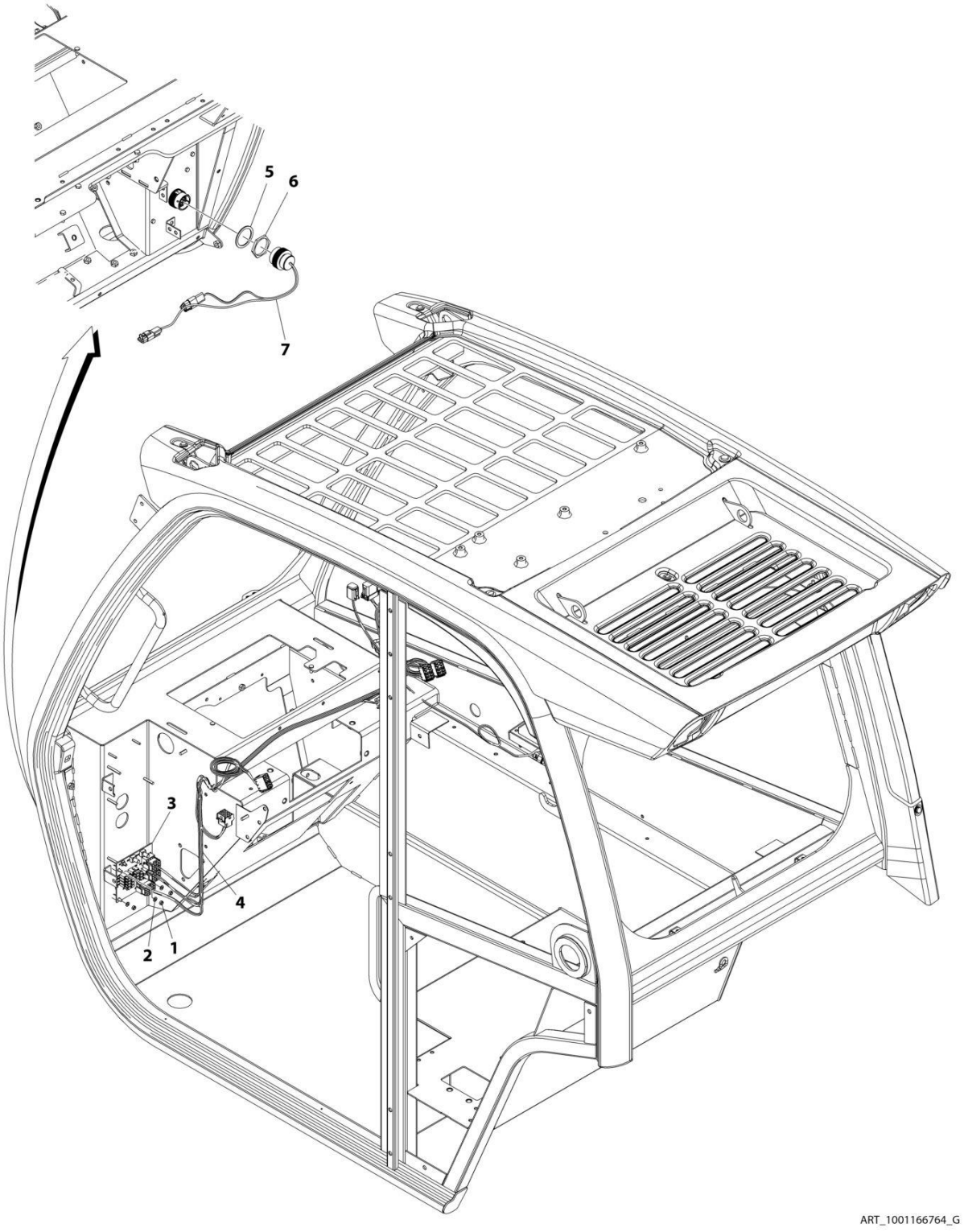


FIGURE 10-28. CAB ELECTRICAL INSTALLATION - OPEN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166764	Ref	CAB ELECTRICAL INSTALLATION - OPEN	G
1	3290501	3	Nut M5 x 51/64	
2	120034	3	Washer, Plastic	
3	1001161771	1	Assembly, Option 2 Electrical Board (See Separate Breakdown in this Section)	
4	1001283420	1	Harness, Option 2 Cab (See Separate Breakdown in this Section)	
5	4460496	1	Washer, Terminal Lock	
6	4460497	1	Nut, Terminal	
7	1001271436	1	Harness, Cab Option (See Separate Breakdown in this Section)	

FIGURE 10-29. CAB OPTION 1 ELECTRICAL BOARD

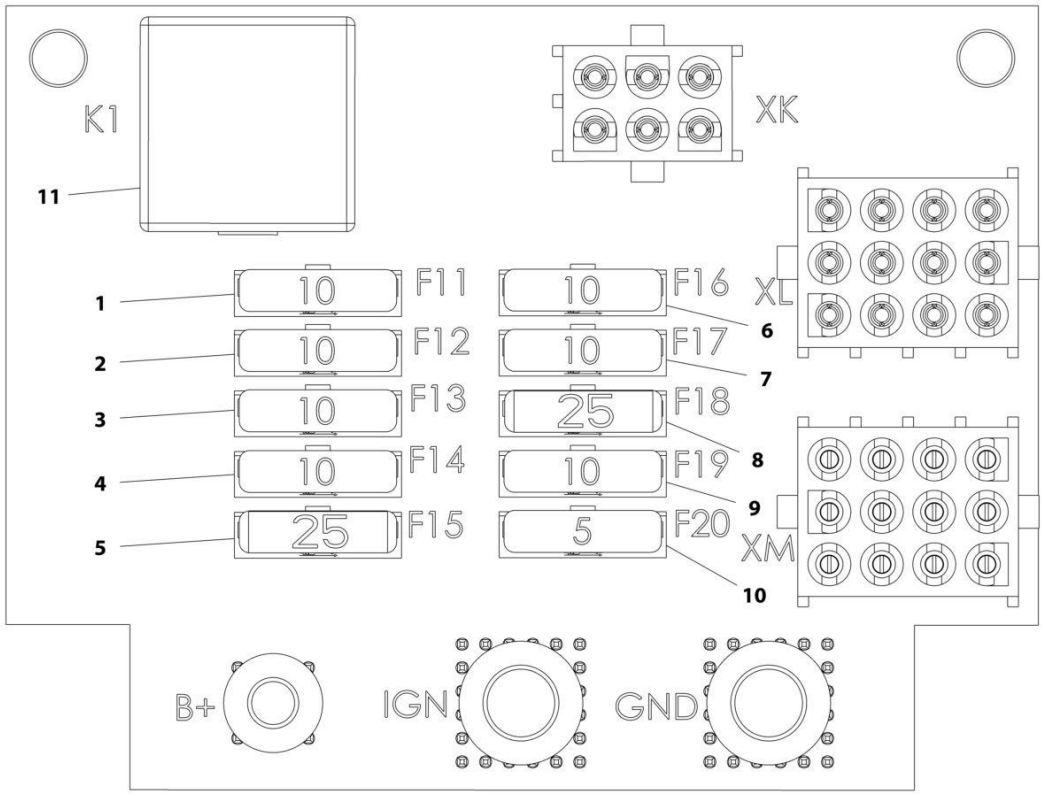
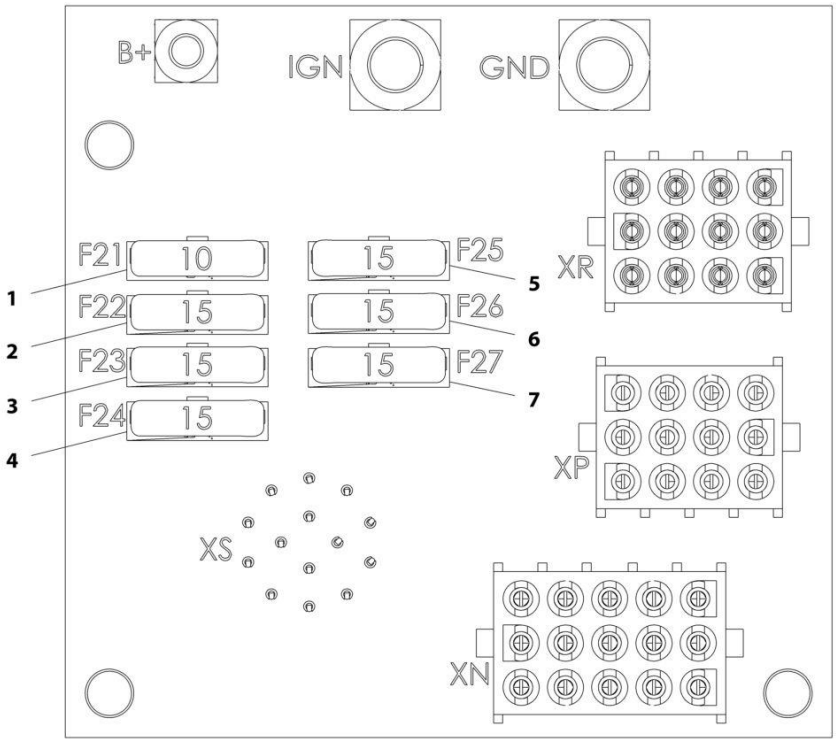


FIGURE 10-29. CAB OPTION 1 ELECTRICAL BOARD

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 10-30. CAB OPTION 2 ELECTRICAL BOARD

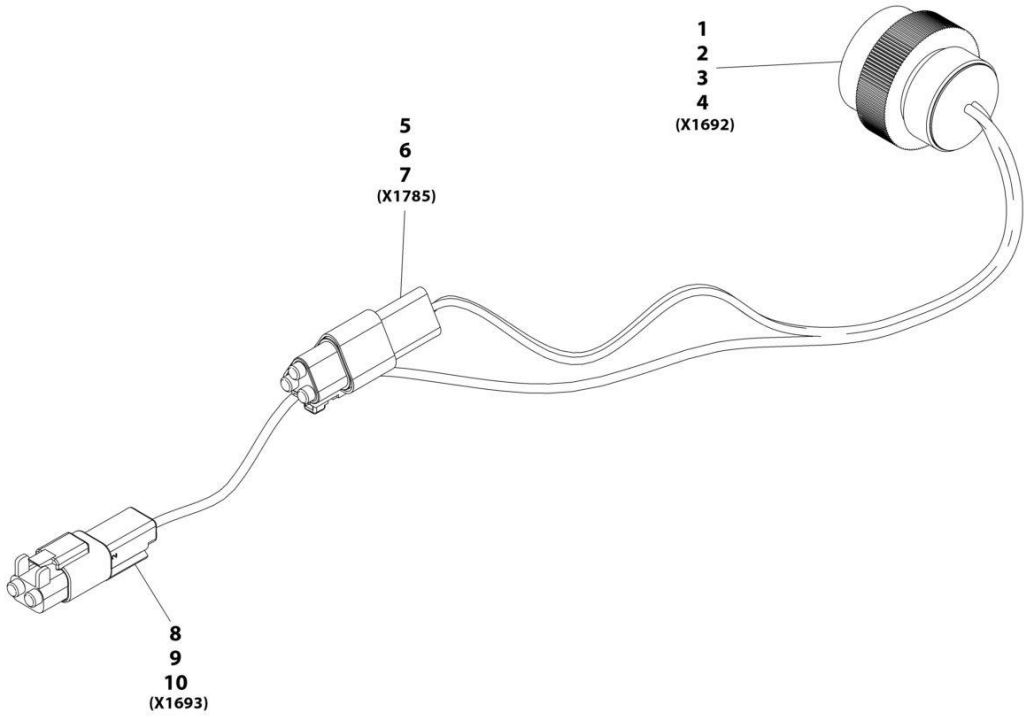


ART_1001161771-B

FIGURE 10-30. CAB OPTION 2 ELECTRICAL BOARD

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 10-31. CAB OPTION HARNESS



ART_1001271436-A

FIGURE 10-31. CAB OPTION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001271436	Ref	CAB OPTION HARNESS	A
1	4461015	1	Connector	
2	4460465	2	Terminal	
3	4460942	1	Terminal	
4	4460466	11	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	

FIGURE 10-32. CAB OPTION 1 HARNESS

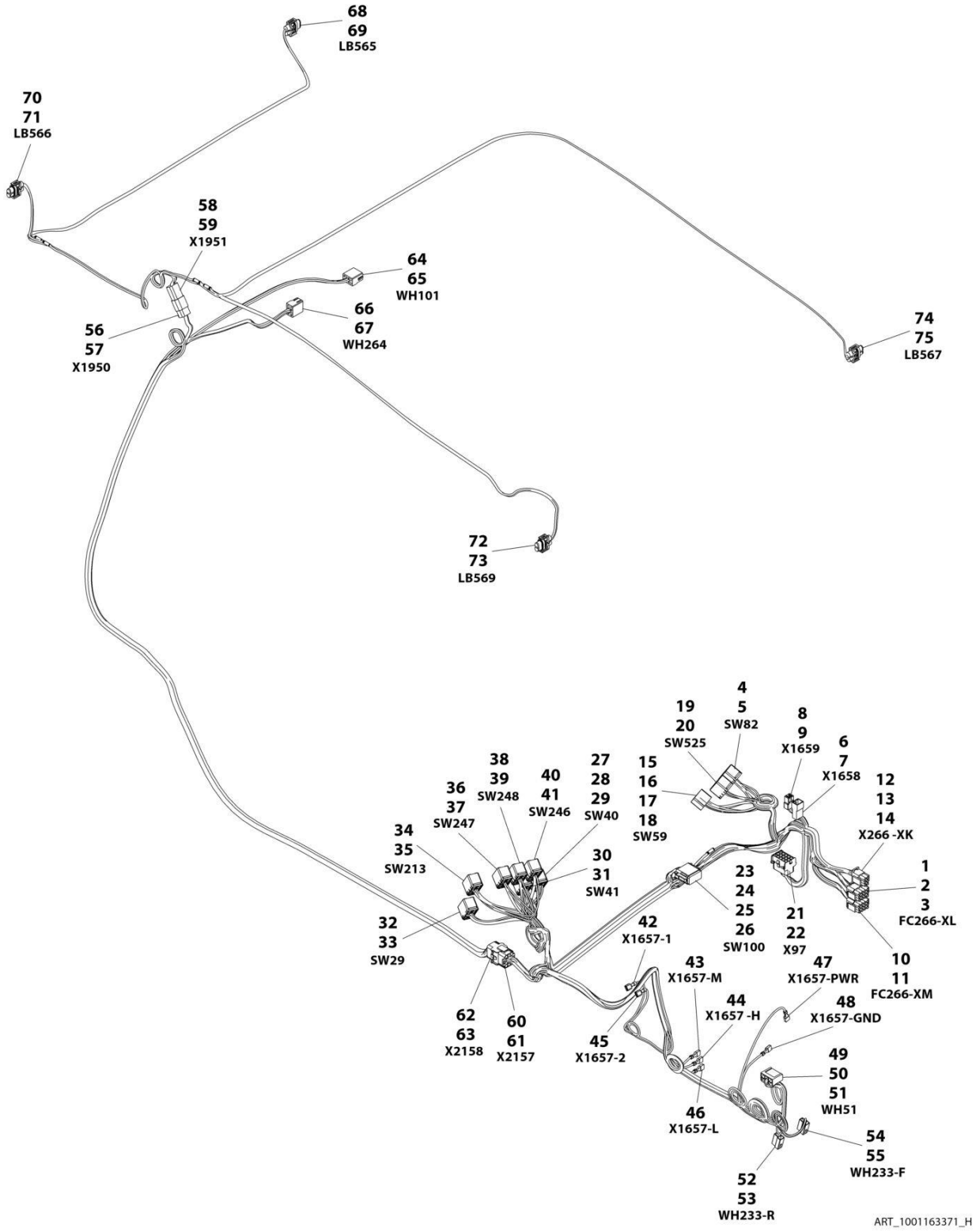


FIGURE 10-32. CAB OPTION 1 HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163371	Ref	CAB OPTION 1 HARNESS	H
1	4460343	1	Connector	
2	4460268	10	Terminal	
3	4460906	1	Terminal	
4	1001117081	1	Connector	
5	1001118384	7	Terminal	
6	1001116999	1	Connector	
7	1001116700	4	Terminal	
8	1001116991	1	Connector	
9	1001118384	2	Terminal	
10	4460343	1	Connector	
11	4460267	6	Terminal	
12	4460225	1	Connector	
13	4460267	5	Terminal	
14	4460705	1	Terminal	
15	1001173411	1	Connector	
16	1001265008	2	Terminal	
17	1001104519	3	Terminal	
18	1001116716	2	Terminal	
19	1001117081	1	Connector	
20	1001118384	6	Terminal	
21	4460708	1	Connector	
22	4460267	14	Terminal	
23	4460836	1	Connector	
24	4460942	3	Terminal	
25	4460465	8	Terminal	
26	1001157890	1	Terminal	
27	1001117081	1	Connector	
28	1001118384	8	Terminal	
29	1001116723	2	Terminal	
30	1001117081	1	Connector	
31	1001118384	7	Terminal	
32	1001117081	1	Connector	
33	1001118384	10	Terminal	
34	1001274300	1	Connector	
35	1001118384	8	Terminal	
36	1001117081	1	Connector	
37	1001118384	4	Terminal	
38	1001117081	1	Connector	
39	1001118384	6	Terminal	
40	1001117081	1	Connector	
41	1001118384	6	Terminal	
42	8220051	1	Female Blade Coupler	
43	8220051	1	Female Blade Coupler	
44	8220051	1	Female Blade Coupler	
45	8220051	1	Female Blade Coupler	
46	8220051	1	Female Blade Coupler	
47	8220051	1	Female Blade Coupler	
48	8220051	1	Female Blade Coupler	
49	1001116997	1	Connector	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	1001118384	4	Terminal	
51	1001116723	1	Terminal	
52	4460994	1	Connector	
53	1001118384	2	Terminal	
54	4460994	1	Connector	
55	1001118384	3	Terminal	
56	4460884	1	Connector	
57	4460942	4	Terminal	
58	4460932	1	Connector	
59	4460941	4	Terminal	
60	4460343	1	Connector	
61	4460268	12	Terminal	
62	4460367	1	Connector	
63	4460267	12	Terminal	
64	1001116986	1	Connector	
65	1001118384	4	Terminal	
66	1001116986	1	Connector	
67	1001118384	4	Terminal	
68	4461115	1	Connector	
69	1001116747	2	Terminal	
70	4461115	1	Connector	
71	1001116747	2	Terminal	
72	4461115	1	Connector	
73	1001116747	2	Terminal	
74	4461115	1	Connector	
75	1001116747	2	Terminal	

FIGURE 10-33. CAB OPTION 2 HARNESS

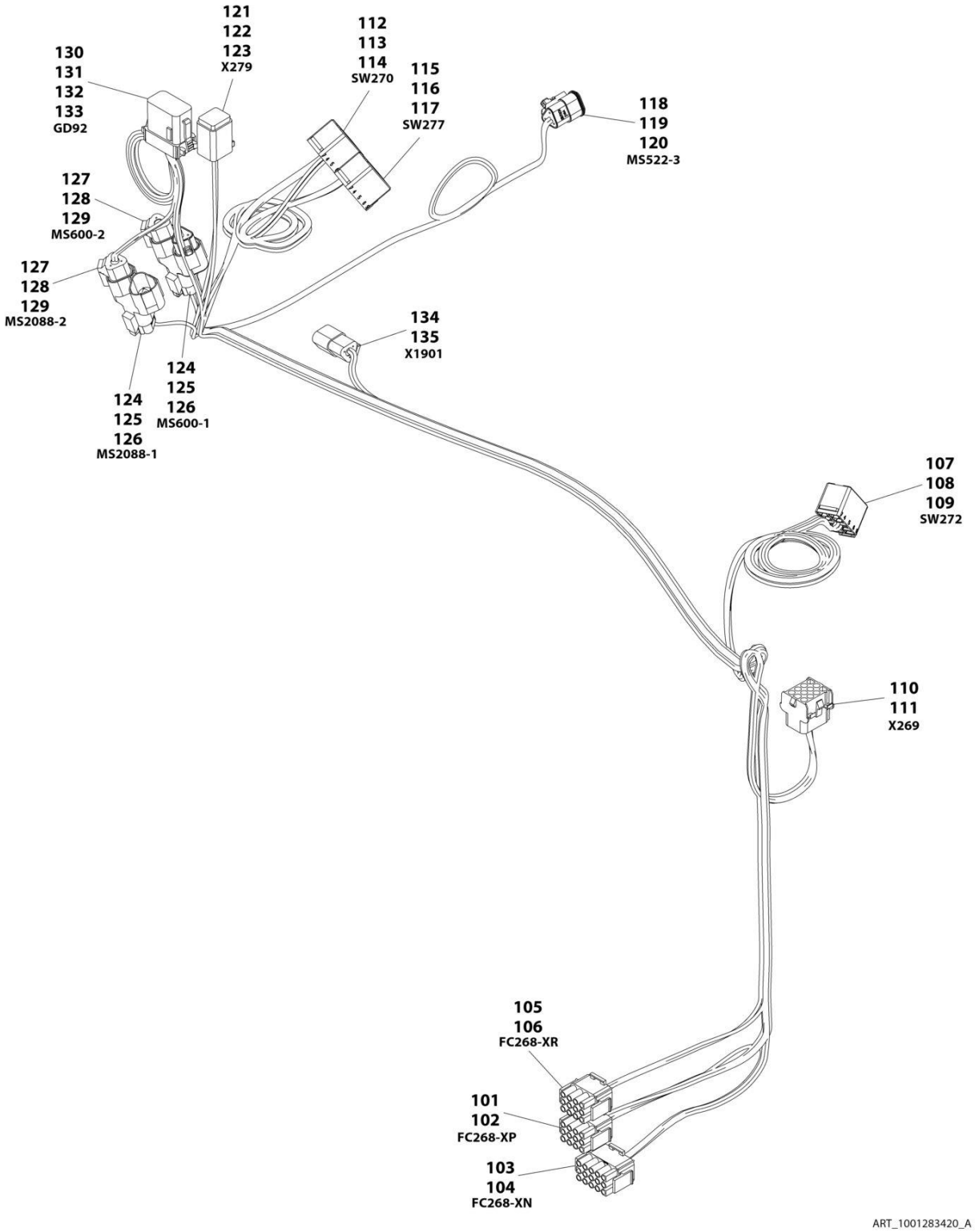


FIGURE 10-33. CAB OPTION 2 HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001283420	Ref	CAB OPTION 2 HARNESS	A
101	4460343	1	Connector	
102	4460268	6	Terminal	
103	4460434	1	Connector	
104	4460268	8	Terminal	
105	4460343	1	Connector	
106	4460267	3	Terminal	
107	1001117081	1	Connector	
108	1001118384	1	Terminal	
109	1001116723	6	Terminal	
110	4460367	1	Connector	
111	4460267	7	Terminal	
112	1001117081	1	Connector	
113	1001118384	2	Terminal	
114	1001116723	4	Terminal	
115	1001117081	1	Connector	
116	1001118384	3	Terminal	
117	1001116723	2	Terminal	
118	1001116812	1	Connector	
119	4460944	2	Terminal	
120	4460466	1	Plug	
121	4460930	1	Connector	
122	4460466	6	Plug	
123	4460465	2	Terminal	
124	1001116812	2	Connector	
125	4460944	4	Terminal	
126	4460466	2	Plug	
127	4460539	2	Connector	
128	4460944	4	Terminal	
129	4460466	2	Plug	
130	1001176333	1	Connector	
131	4460466	11	Plug	
132	4460465	3	Terminal	
133	4460944	4	Terminal	
134	4460539	1	Connector	
135	4460465	3	Terminal	

FIGURE 10-34. CAB - KEY HARNESS

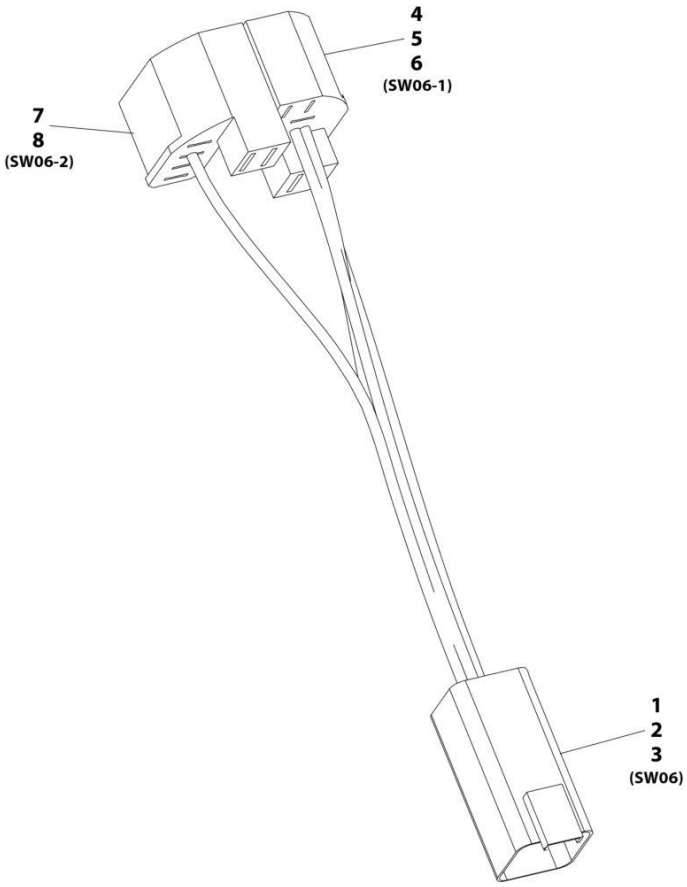


FIGURE 10-34. CAB - KEY HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241610	Ref	Key Harness	A
1	4460899	1	Connector	
2	4460464	4	Terminal	
3	4460466	2	Plug	
4	1001118685	1	Connector	
5	1001104519	2	Terminal	
6	1001118383	1	Terminal	
7	1001117121	1	Connector	
8	1001104519	1	Terminal	

FIGURE 10-35. CAB MULTIFUNCTION DISPLAY INSTALLATION

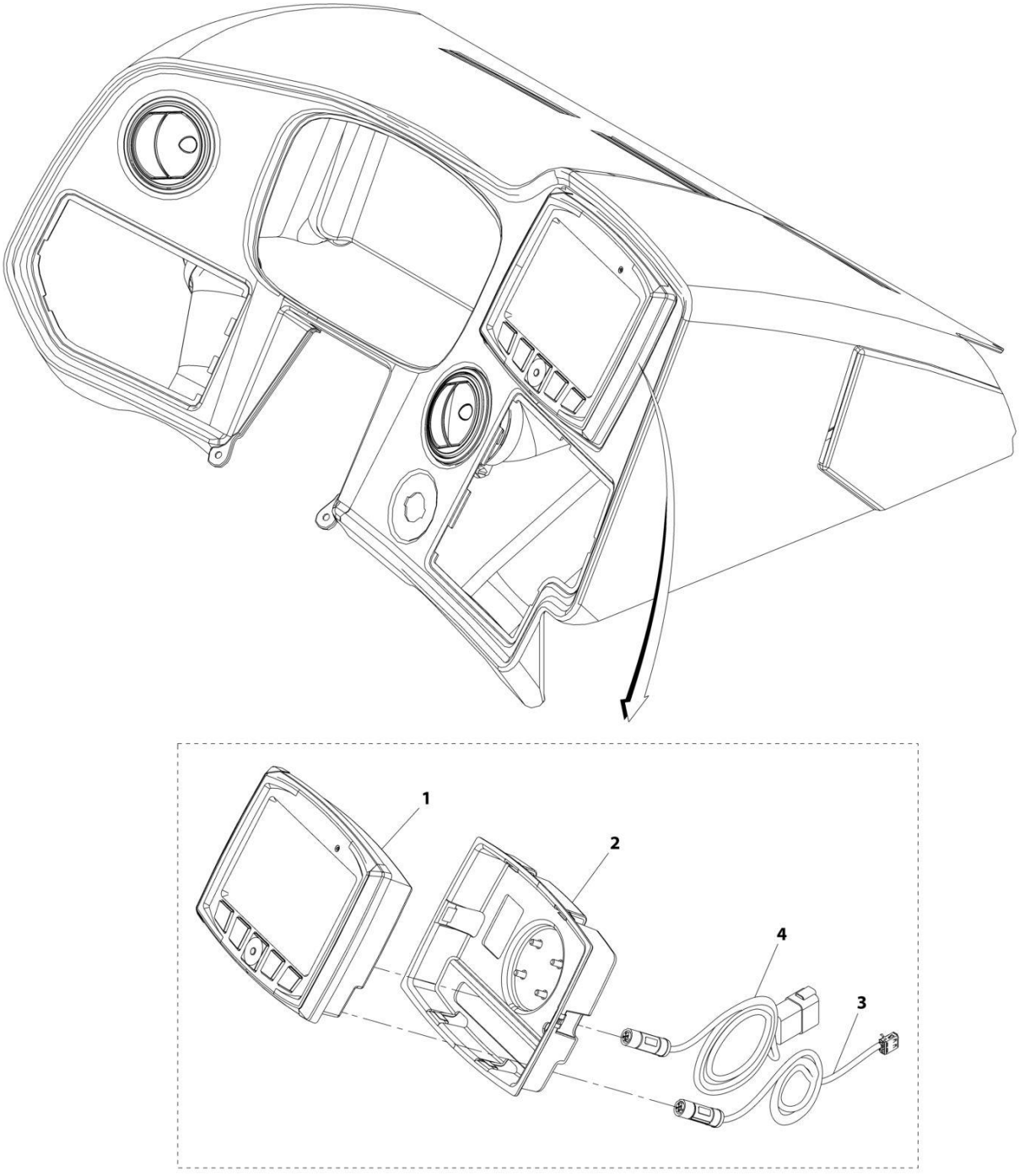


FIGURE 10-35. CAB MULTIFUNCTION DISPLAY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176338	Ref	Multifunction Display Installation	C
1	1001250161	1	Display	
2	1001178783	1	Bezel	
3	1001180682	1	Cable	
4	1001180683	1	Cable, Video	

FIGURE 10-36. CAB SEAT BELT ALARM HARNESS

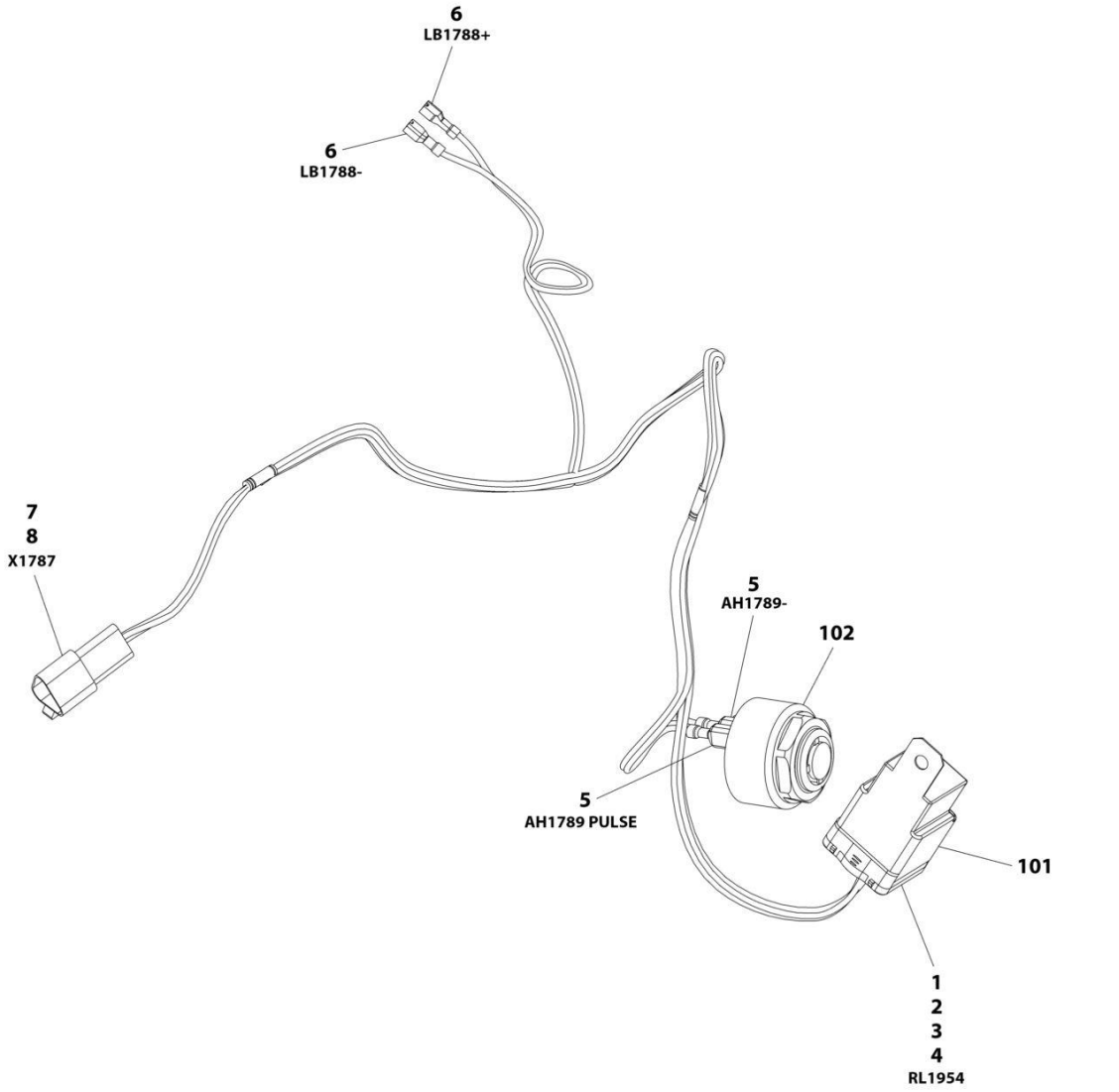


FIGURE 10-36. CAB SEAT BELT ALARM HARNESS

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 10-37. CLEARSKY CS550 INSTALLATION

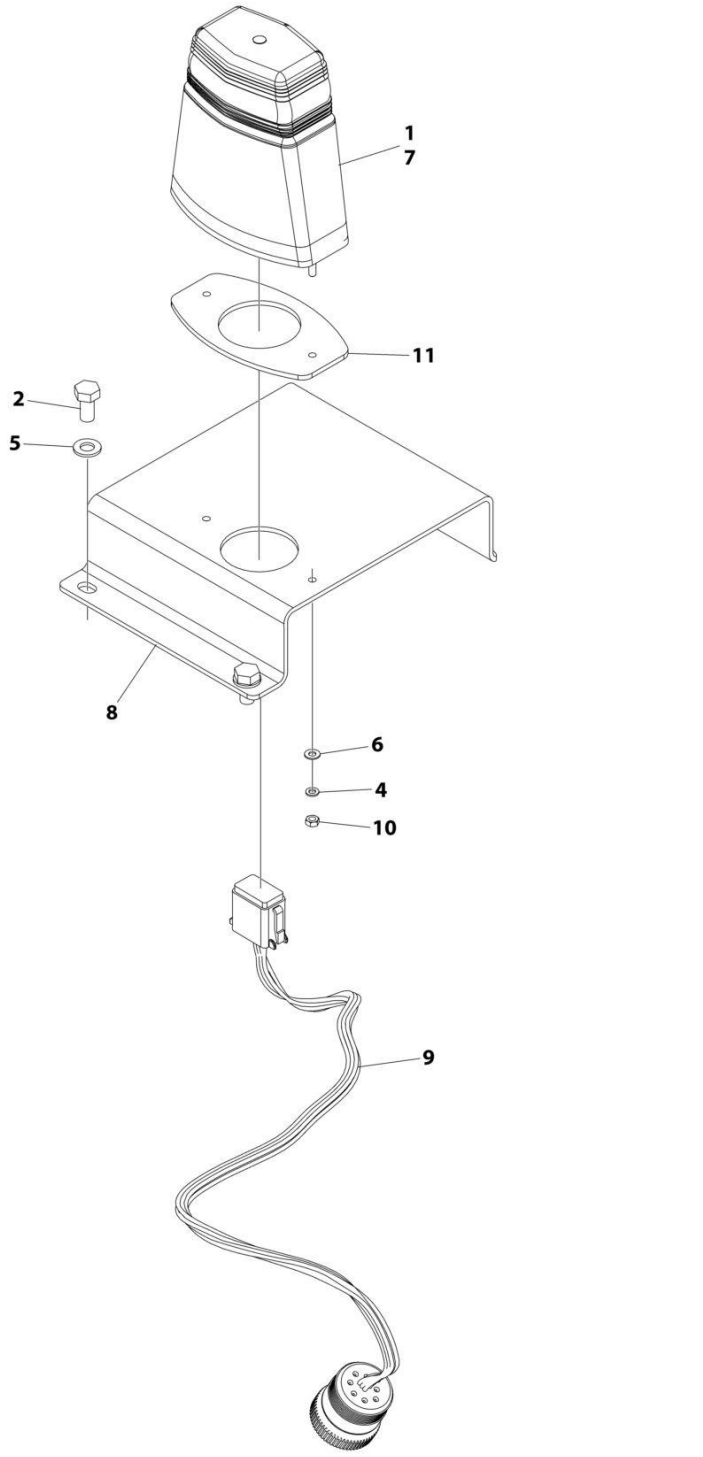


FIGURE 10-37. CLEARSKY CS550 INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289792	Ref	CLEARSKY INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0760808	3	Bolt M8 x 16	
4	4811400	2	Washer M4	
5	4811900	3	Washer M8	
6	4831400	2	Washer, Lock M4	
7	1001280661	1	Module, ClearSky	
8	1001287012	1	Bracket, ClearSky Mounting	
9	1001286941	1	Harness, ClearSky (See Separate Breakdown in this Section)	
10	3290401	2	Nut M4	
11	1001291056	1	Gasket	

FIGURE 10-38. CLEARSKY CS550 WITH BEACON INSTALLATION

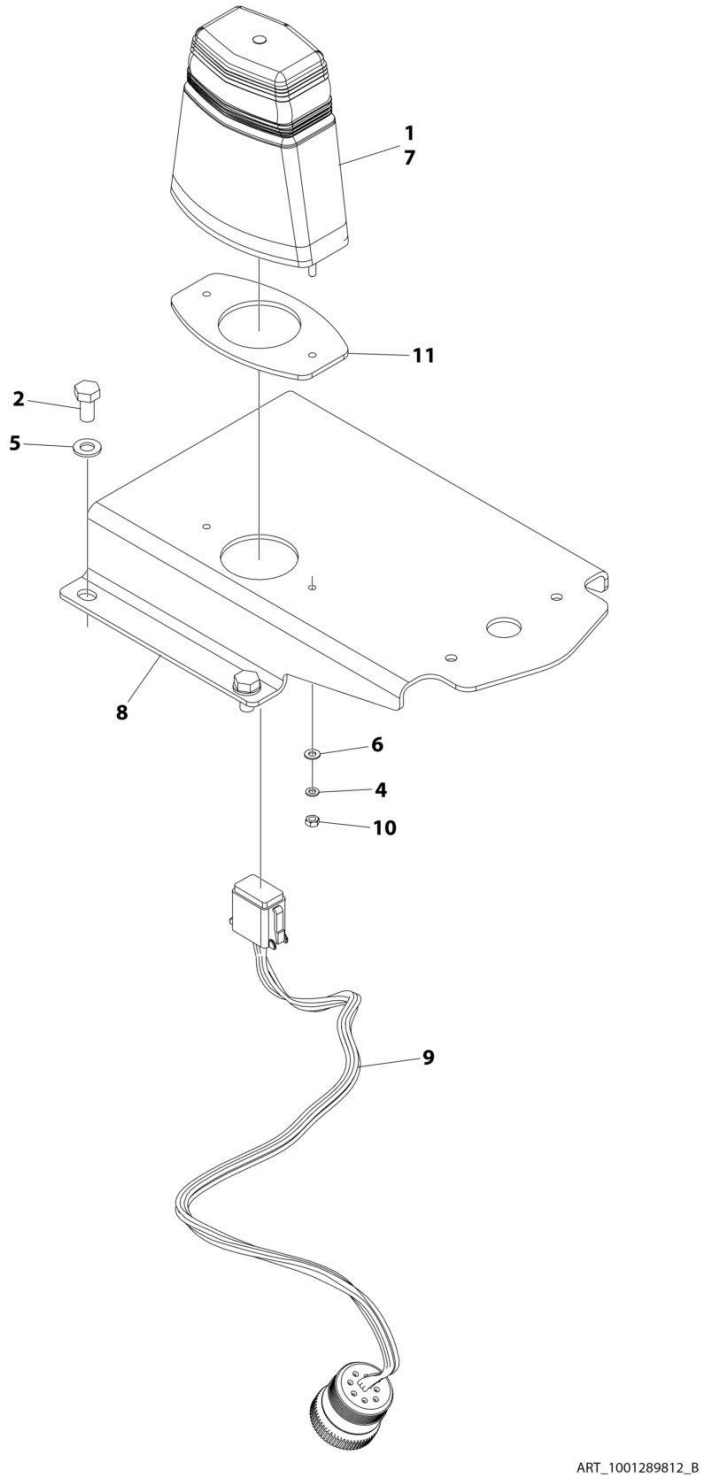
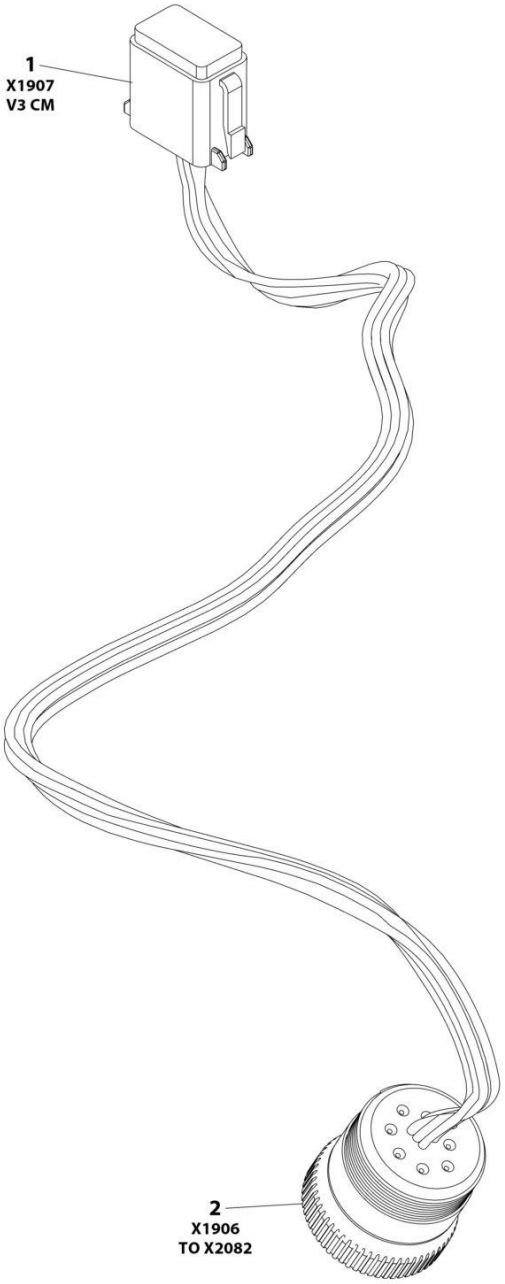


FIGURE 10-38. CLEARSKY CS550 WITH BEACON INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289812	Ref	CLEARSKY WITH BEACON INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0760808	3	Bolt M8 x 16	
4	4811400	2	Washer M4	
5	4811900	3	Washer M8	
6	4831400	2	Washer M4	
7	1001280661	1	Module, ClearSky	
8	1001287012	1	Bracket, ClearSky Mounting	
9	1001286941	1	Harness, ClearSky (See Separate Breakdown in this Section)	
10	3290401	2	Nut M4	
11	1001291056	1	Gasket	

FIGURE 10-39. CLEARSKY HARNESS



ART_1001286941

FIGURE 10-39. 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 10-40. CLEARSKY TELEMATICS READY INSTALLATION

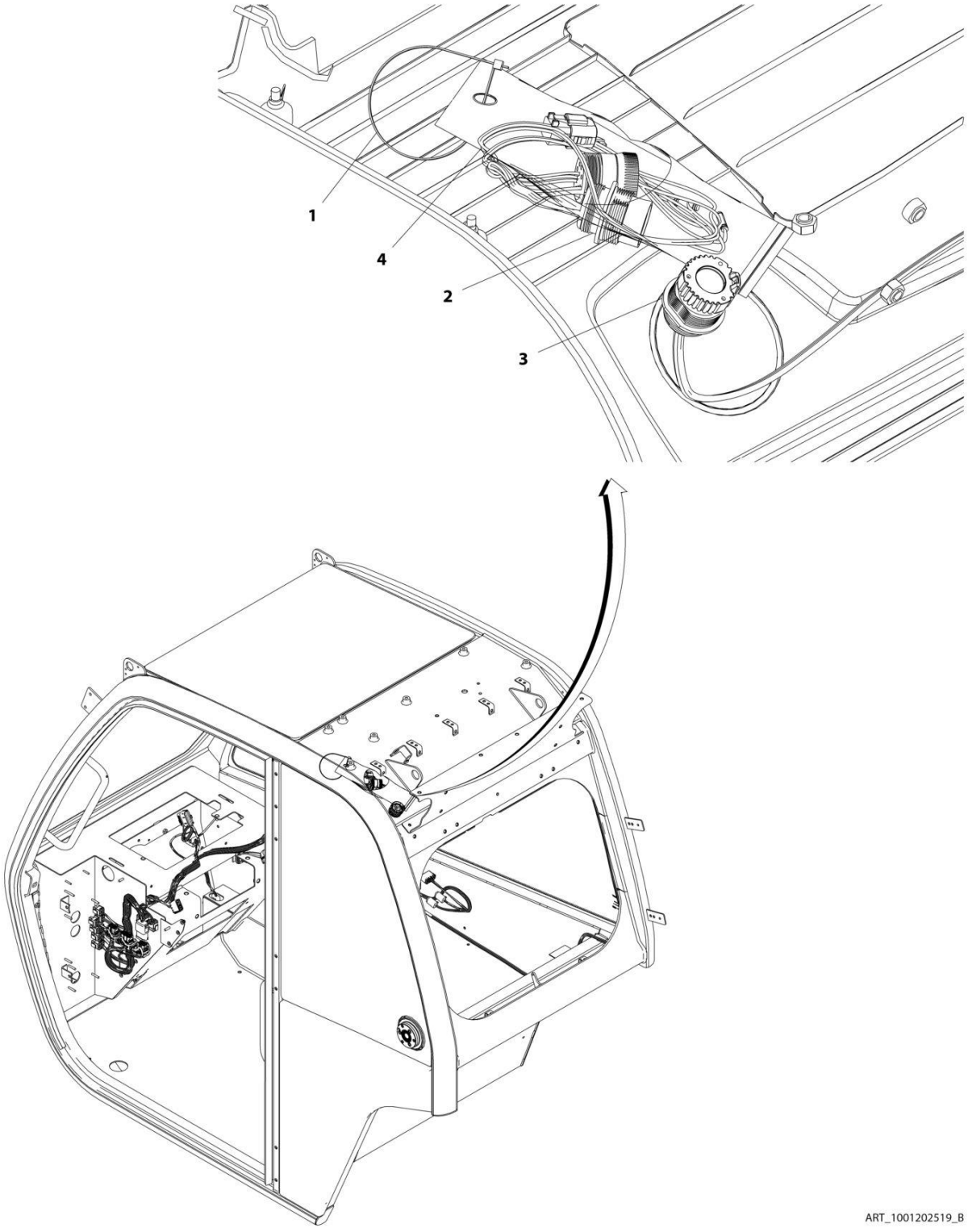
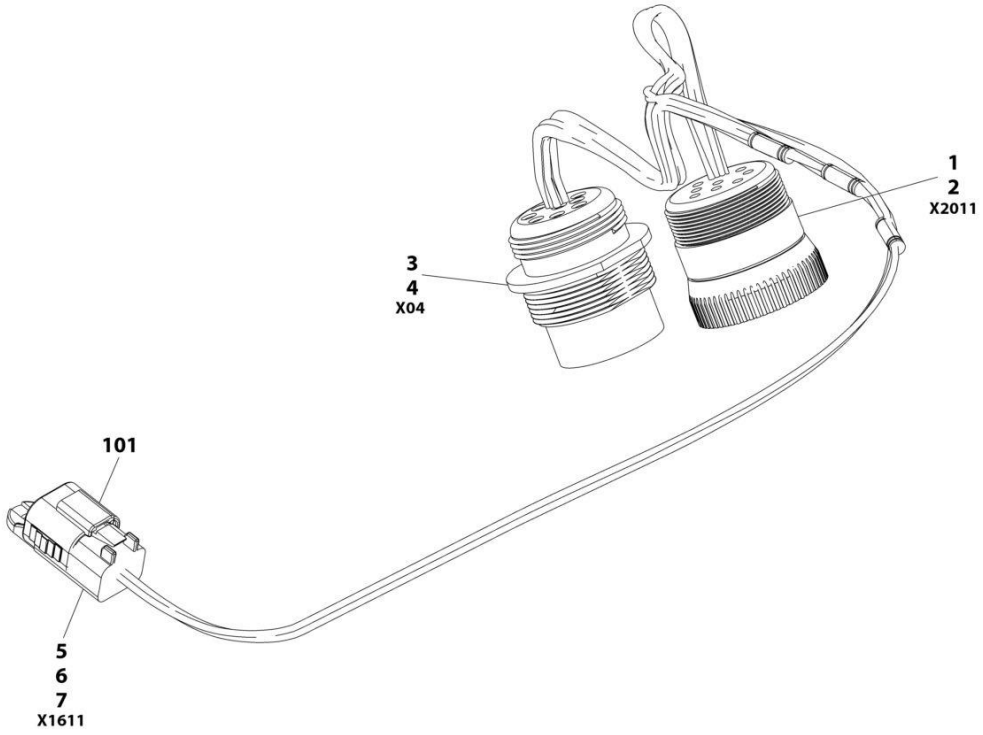


FIGURE 10-40. CLEARSKY TELEMATICS READY INSTALLATION

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 10-41. CLEARSKY TELEMATICS READY HARNESS



ART_1001291182

FIGURE 10-41. CLEARSKY 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 10-42. CLEARSKY TELEMATICS READY HARNESS

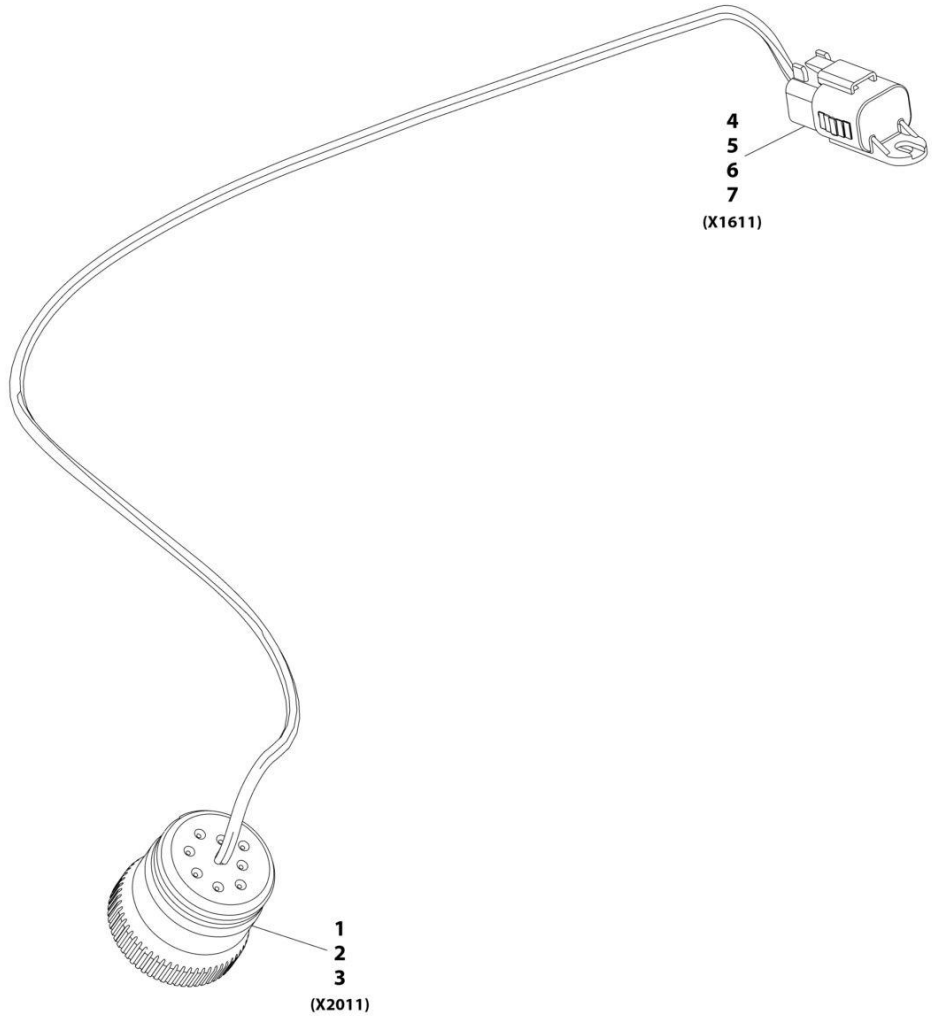


FIGURE 10-42. CLEARSKY TELEMATICS READY HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196289	Ref	Telematics Ready Harness	A
1	1001112796	1	Connector	
2	4460465	3	Terminal	
3	4460466	6	Plug	
4	4460884	1	Connector	
5	80604021	1	Lock, Connector	
6	4460465	3	Terminal	
7	4460466	1	Terminal	

FIGURE 10-43. DEF PURGE LIGHT HARNESS (110HP) (ULS)

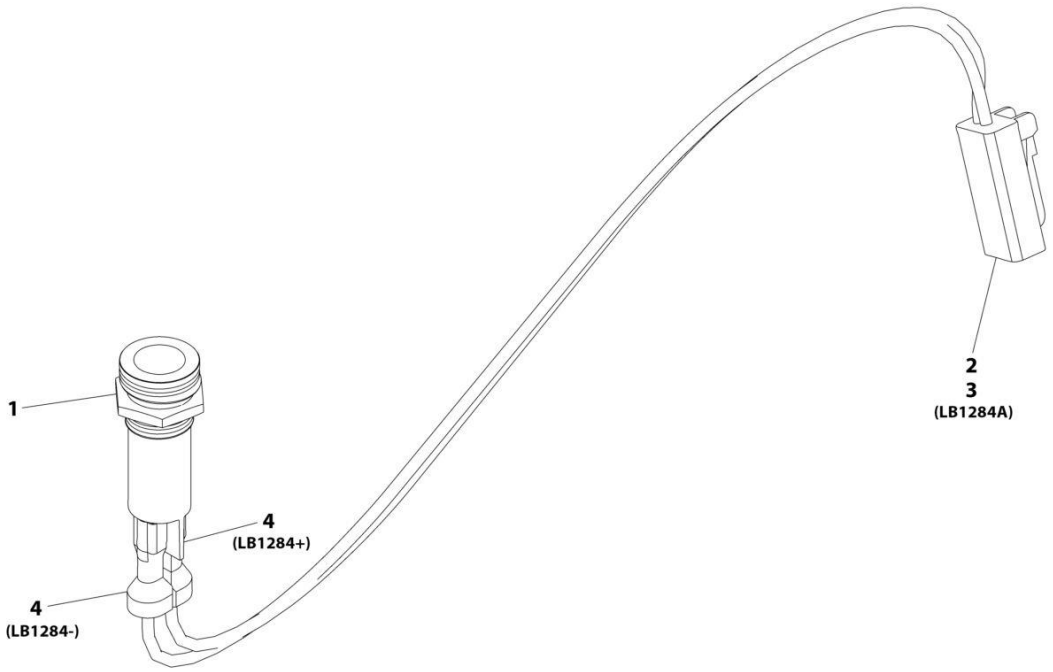


FIGURE 10-43. DEF PURGE LIGHT HARNESS (110HP) (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232288	Ref	DEF Purge Light Harness	A
1	1001169825	1	LED Lamp 12V	
2	4461290	1	Connector	
3	1001126008	2	Terminal	
4	8220108	2	Connector	

FIGURE 10-44. ENGINE - WIRING INSTALLATION (74HP) (ULS)

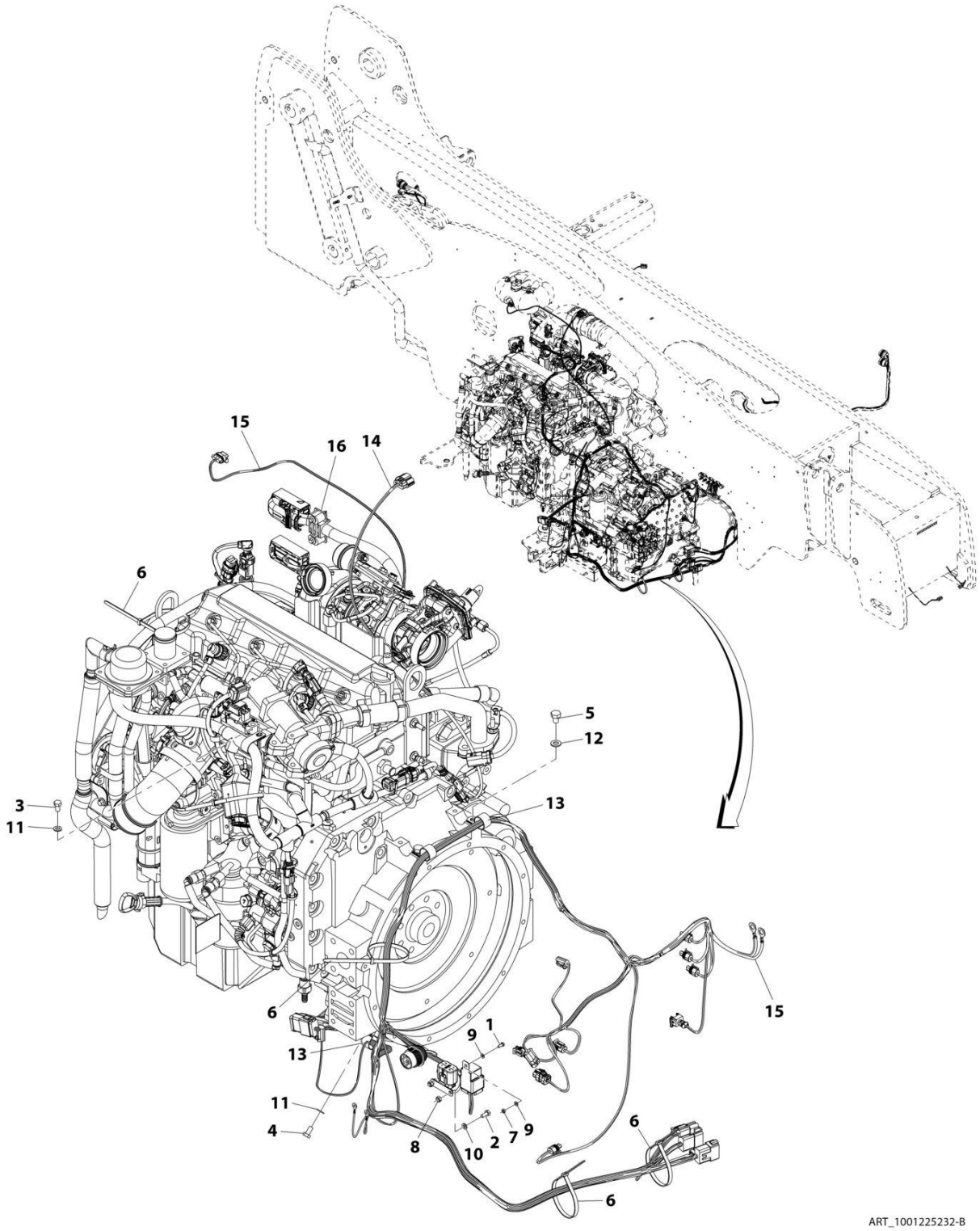
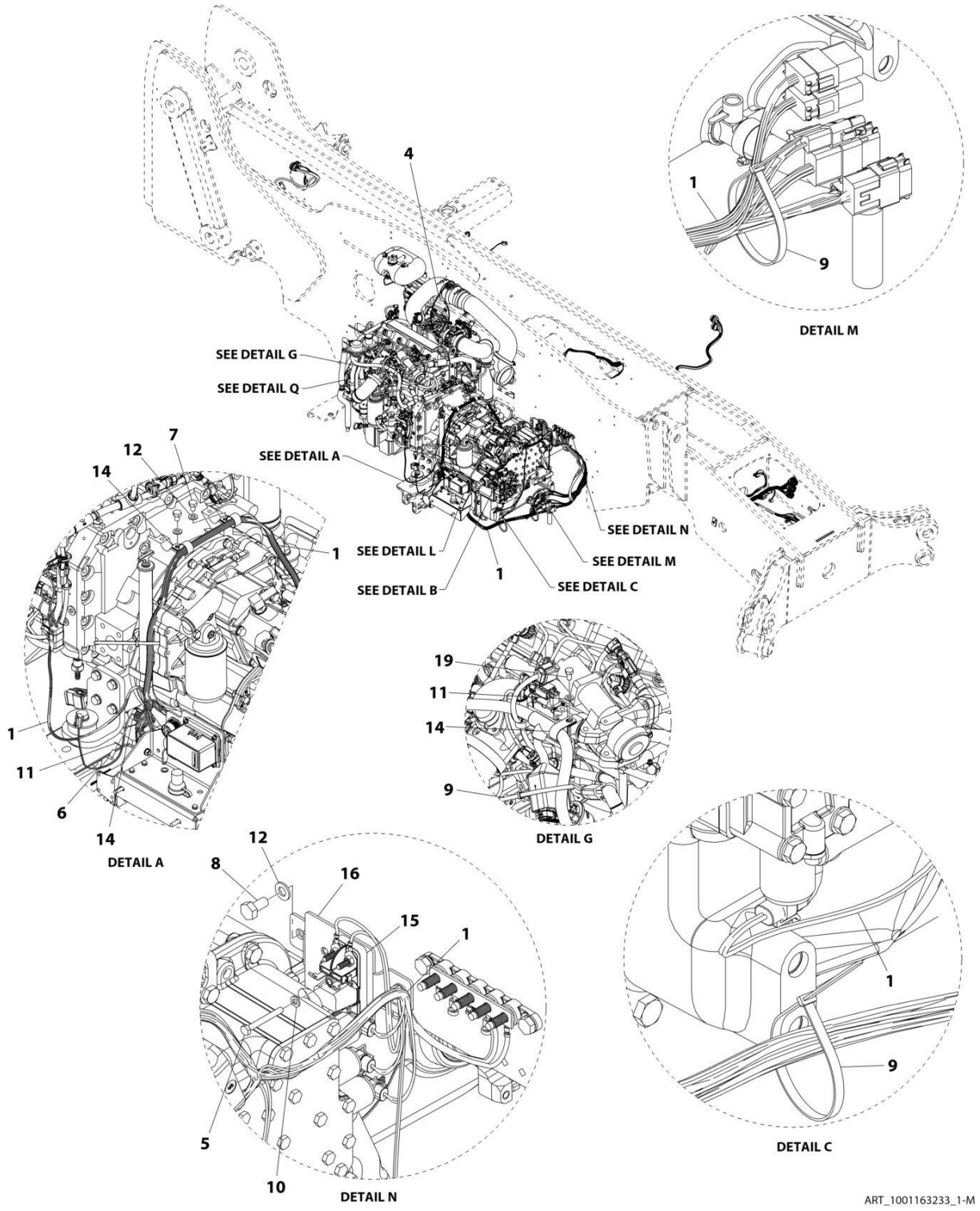
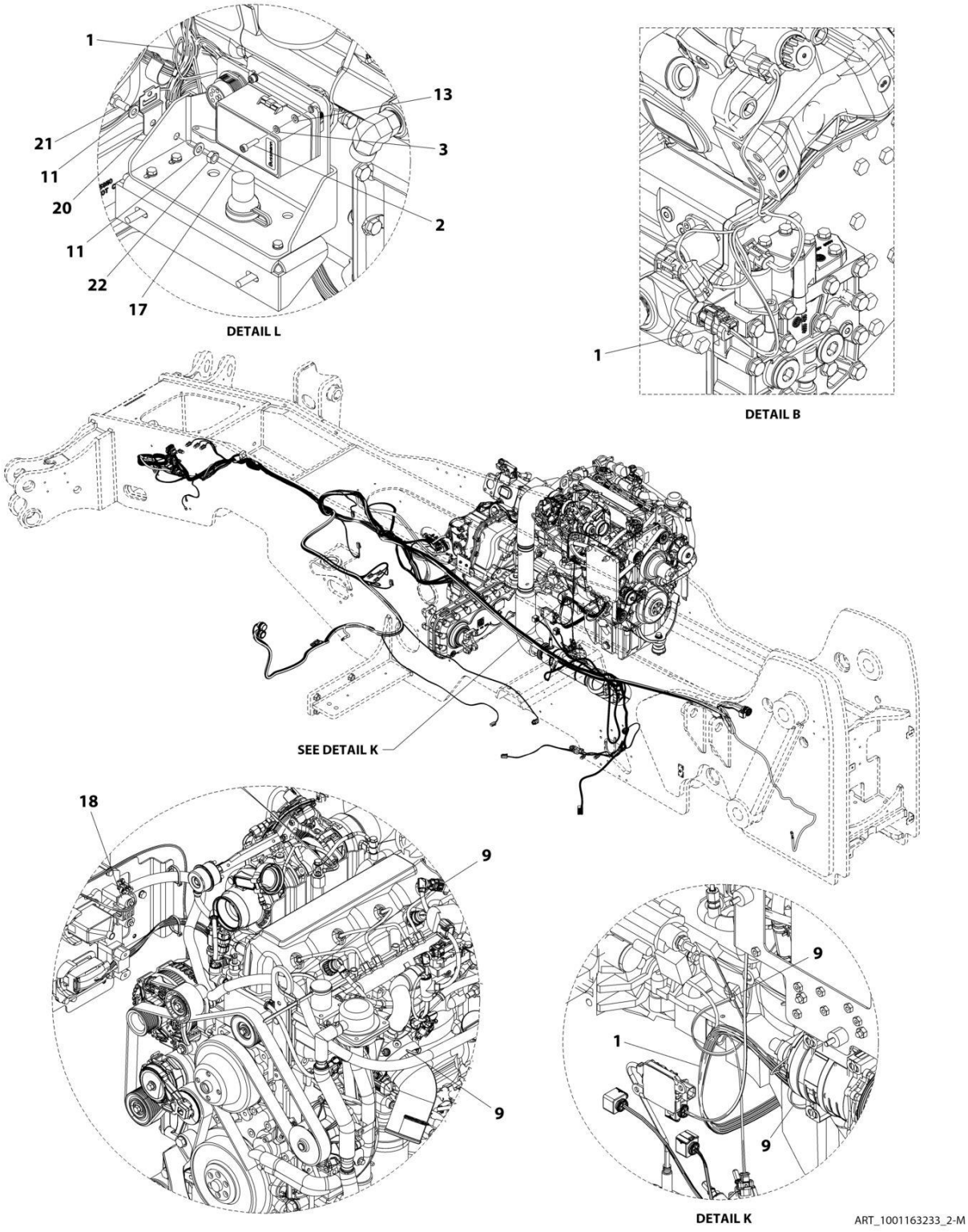


FIGURE 10-44. ENGINE - WIRING INSTALLATION (74HP) (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225232	Ref	Engine Wiring Installation, 74HP (ULS)	B
1	0760405	1	Bolt, M4X10	
2	0760607	2	Bolt, M6X14	
3	0760807	1	Bolt, M8X14	
4	0760808	1	Bolt, M8X16	
5	0761007	2	Bolt, M10X14	
6	1062255	8	Strap, Tie	
7	3290401	1	Nut, M4X0.7	
8	3290601	2	Nut, M6X1 Grade 8	
9	4811400	2	Washer, M4	
10	4811700	2	Washer, M6	
11	4811900	2	Washer, M8	
12	4812000	2	Washer, M10	
13	8406201	4	Clip	
14	1001184835	1	Harness, TBAP (See Separate Breakdown in this Section)	
15	1001225067	1	Harness, Engine, Cummins 74HP (See Separate Breakdown in this Section)	
16	1001167646	1	Connector, Strain Relief	

FIGURE 10-45. ENGINE - WIRING INSTALLATION (110HP) (ULS)




1
13
21
3
11
20
2
11
22
17
DETAIL L
1
DETAIL B
SEE DETAIL K
18
9
9
9
1
9
DETAIL K
ART_1001163233_2-M

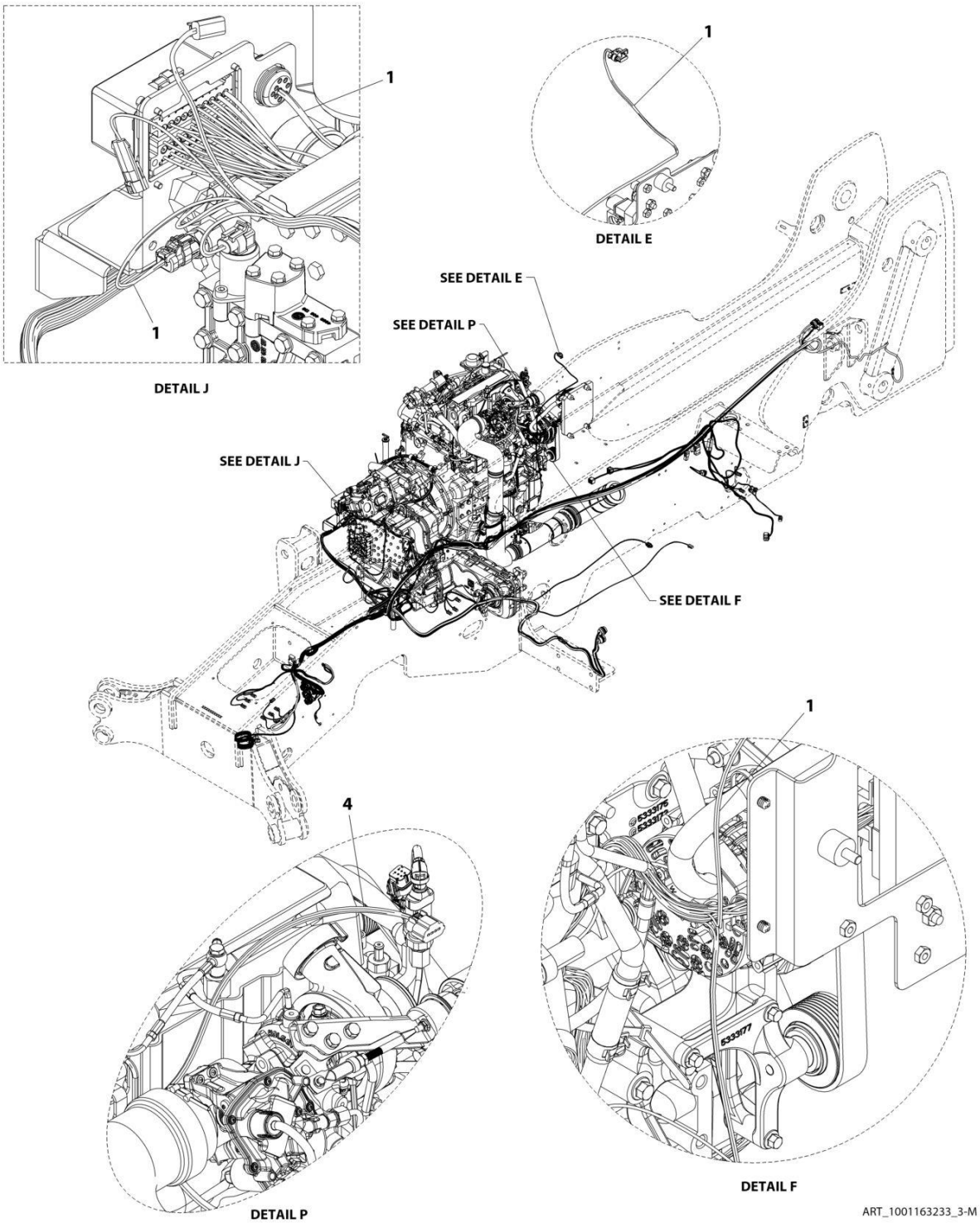
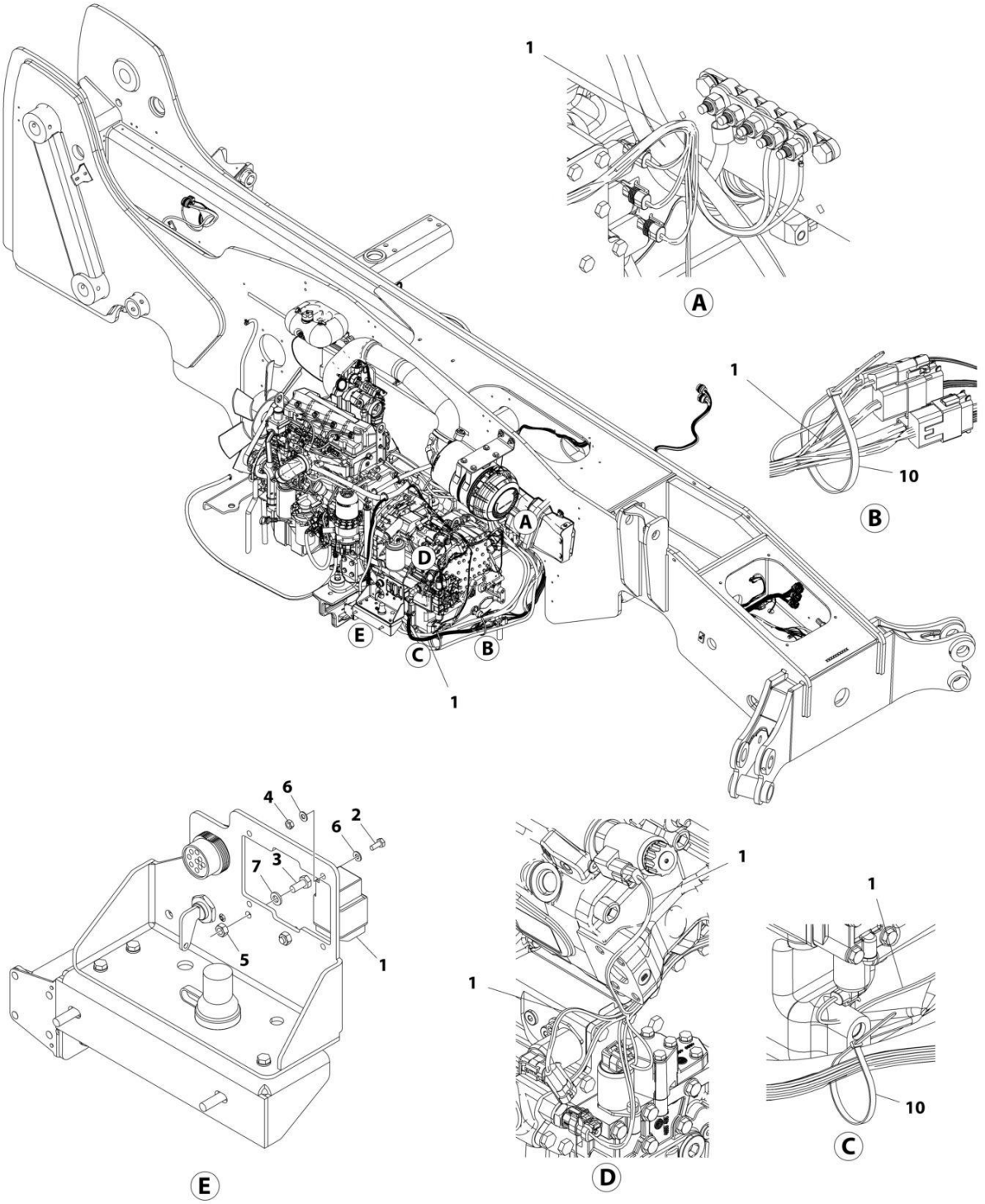
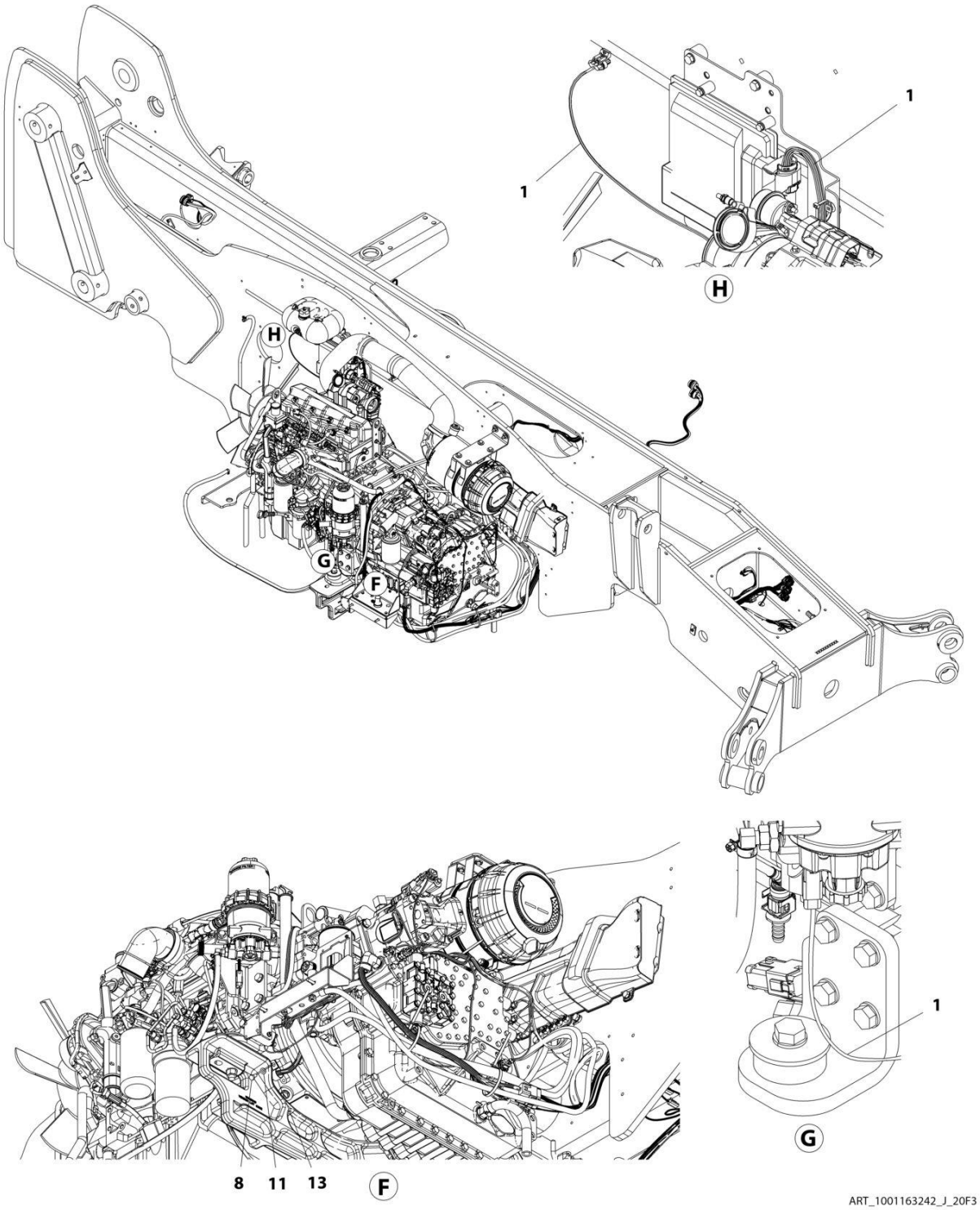

1
1
DETAIL J
1
DETAIL E
SEE DETAIL E
SEE DETAIL P
SEE DETAIL J
SEE DETAIL F
4
DETAIL P
1
DETAIL F
ART_1001163233_3-M

FIGURE 10-45. ENGINE - WIRING INSTALLATION (110HP) (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163233	Ref	Engine Wiring Installation (ULS)	M
1	1001235696	1	Harness, Engine (ULS) (See Separate Breakdown in this Section)	
2	4031608	4	Screw, M5X20	
3	4811600	4	Washer, M5	
4	1001184835	1	Harness, TBAP (See Separate Breakdown in this Section)	
5	0700618	1	Bolt, M6X50	
6	0760808	1	Bolt, M8X16	
7	0761007	2	Bolt, M10X14	
8	0761010	2	Bolt, M10X20	
9	1062255	8	Strap, Tie	
10	4811700	1	Washer, M6	
11	4811900	4	Washer, M8	
12	4812000	4	Washer, M10	
13	4831600	4	Washer, Lock M5	
14	8406201	4	Clip, Tube	
15	1001131177	1	Fuse, Power Module	
16	1001189046	1	Bracket	
17	1001191486	1	Decal	
18	1001167646	1	Connector, Strain Relief	
19	0760807	1	Bolt, M8X14	
20	1001153749	1	Clip	
21	0700808	1	Bolt, M8X16	
22	3290801	1	Hex Nut, M8X1.25	

FIGURE 10-46. ENGINE - WIRING INSTALLATION (110HP) (LS)




1
1
H
H
G
F
8
11
13
F
1
G
ART_1001163242_J_20F3

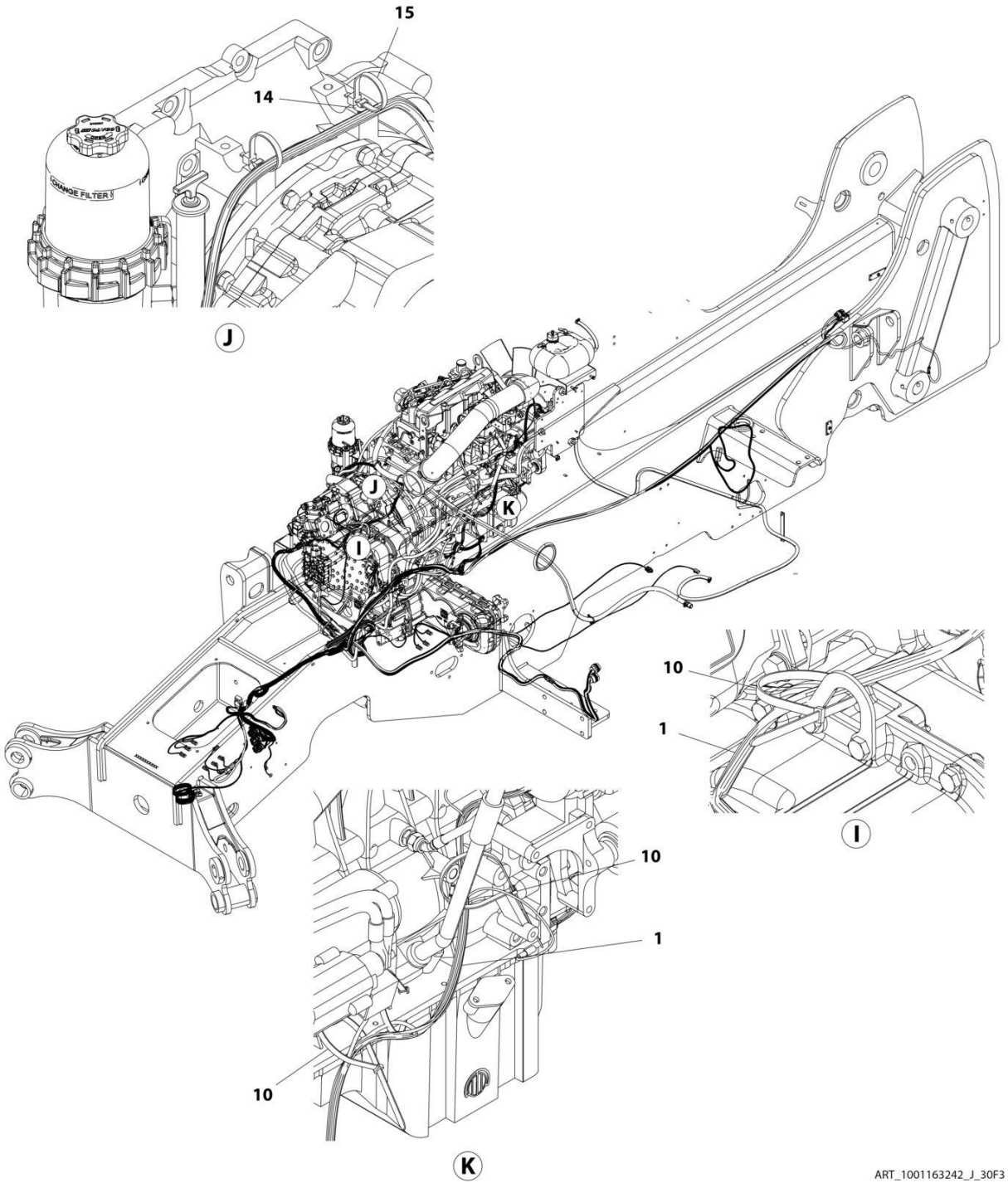

15
14
CHANGE FILTER
J
J
K
I
10
1
I
10
1
10
K
ART_1001163242_J_30F3

FIGURE 10-46. ENGINE - WIRING INSTALLATION (110HP) (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163242	Ref	Engine Wiring Installation (LS)	J
1	1001222715	1	Harness, Engine (LS) (See Separate Breakdown in this Section)	
2	0760405	1	Bolt, M4X10	
3	0760607	2	Bolt, M6X14	
4	3290401	1	Nut, M4X0.7	
5	3290601	2	Nut, M6X1 Grade 8	
6	4811400	2	Washer, M4	
7	4811700	2	Washer, M6	
8	0760808	1	Bolt, M8X16	
10	1062255	5	Strap, Tie	
11	4811900	1	Washer, M8	
13	8406201	1	Clip	
14	1001202986	2	Strap, Tie	
15	1001008559	2	Strap, Tie	

FIGURE 10-47. ENGINE HARNESS (74HP) (ULS)

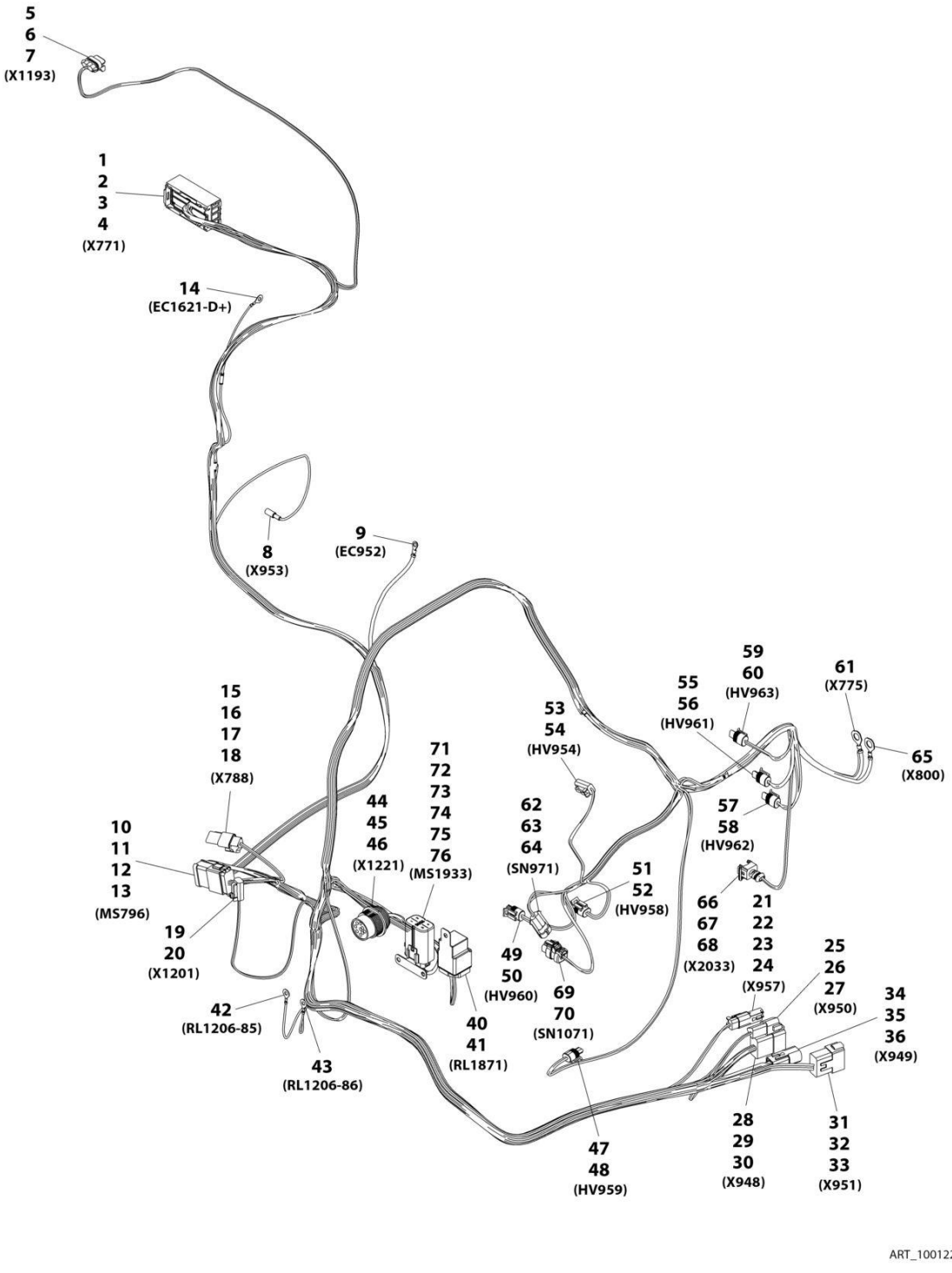


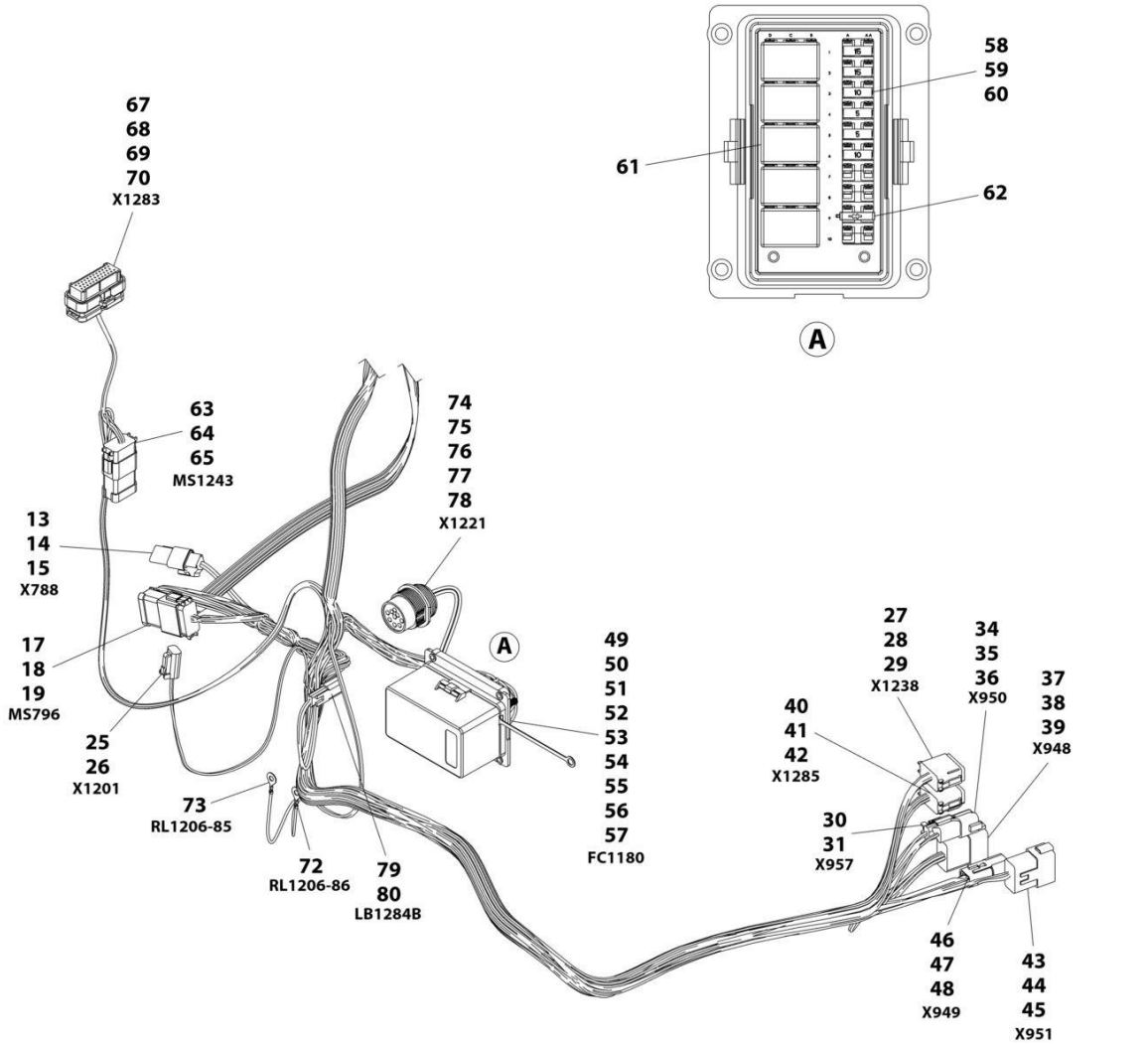
FIGURE 10-47. ENGINE HARNESS (74HP) (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225067	Ref	Engine Harness, 74HP (ULS)	B
1	1001167641	1	Connector	
2	1001167648	10	Terminal	
3	1001167650	76	Plug	
4	1001167649	10	Terminal	
5	1001125027	1	Connector	
6	8220124	3	Terminal	
7	4460608	3	Seal	
8	1001246391	1	Terminal, Snap Plug	
9	1001197407	1	Ring, Terminal	
10	4460933	1	Connector	
11	1001125677	1	Terminal	
12	4460465	8	Terminal	
13	4460466	4	Plug	
14	1001187070	1	Ring, Terminal	
15	4461095	1	Connector	
16	4461070	1	Terminal	
17	4460944	2	Terminal	
18	4460466	1	Plug	
19	4460891	1	Connector	
20	4460465	2	Terminal	
21	4460891	1	Connector	
22	4460897	1	Terminal	
23	4460466	1	Plug	
24	4460465	2	Terminal	
25	1001144147	1	Connector	
26	4460464	2	Terminal	
27	4460466	1	Plug	
28	4460950	1	Connector	
29	4460464	9	Terminal	
30	4460466	3	Plug	
31	4460970	1	Connector	
32	4460464	8	Terminal	
33	4460466	4	Plug	
34	1001116811	1	Connector	
35	4460508	3	Terminal	
36	1001150610	1	Terminal	
40	1001145707	1	Connector	
41	1001116732	4	Terminal	
42	1001187070	1	Ring, Terminal	
43	1001187070	1	Ring, Terminal	
44	1001112612	1	Connector	
45	4460464	4	Terminal	
46	4460466	5	Plug	
47	4460955	1	Connector	
48	1001116748	2	Terminal	
49	4460955	1	Connector	
50	1001116748	2	Terminal	
51	4460955	1	Connector	
52	1001116748	2	Terminal	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
53	4460891	1	Connector	
54	4460465	2	Terminal	
55	4460955	1	Connector	
56	1001116748	2	Terminal	
57	4460955	1	Connector	
58	1001116748	2	Terminal	
59	4460955	1	Connector	
60	1001116748	2	Terminal	
61	1001187080	1	Ring, Terminal	
62	1001117073	1	Connector	
63	1001116749	2	Terminal	
64	4460608	2	Seal	
65	1001187079	1	Ring, Terminal	
66	1001190322	1	Connector	
67	4461005	2	Terminal	
68	4461054	2	Seal	
69	1001116950	1	Connector	
70	4460465	2	Terminal	
71	80484081	1	Connector	
72	1001129286	1	Cap	
73	1001184548	1	Bracket	
74	1001234800	4	Terminal	
75	4460746	4	Terminal	
76	4460458	8	Seal	

FIGURE 10-48. ENGINE HARNESS (110HP) (ULS)



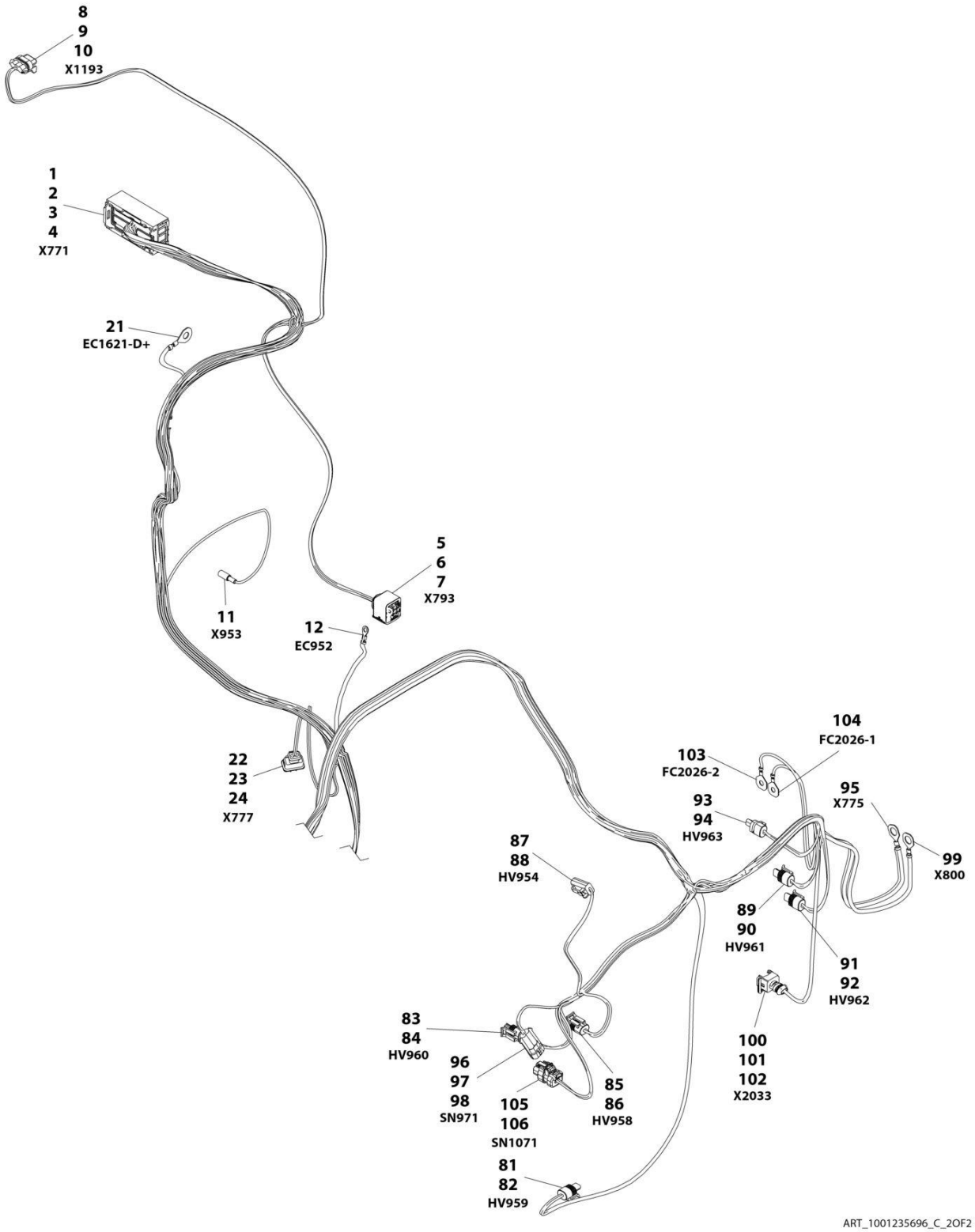

8
9
10
X1193
1
2
3
4
X771
21
EC1621-D+
5
6
7
X793
11
X953
12
EC952
22
23
24
X777
104
FC2026-1
103
FC2026-2
95
X775
93
94
HV963
99
X800
87
88
HV954
89
90
HV961
91
92
HV962
83
84
HV960
96
97
98
SN971
105
106
SN1071
85
86
HV958
100
101
102
X2033
81
82
HV959
ART_1001235696_C_2OF2

FIGURE 10-48. ENGINE HARNESS (110HP) (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235696	Ref	Engine Harness (if equipped for ULS)	D
1	1001167641	1	Connector	
2	1001167648	10	Terminal	
3	1001167649	27	Terminal	
4	1001167650	59	Plug	
5	1001176935	1	Connector	
6	1001166704	4	Terminal	
7	4461006	4	Seal	
8	1001125027	1	Connector	
9	8220124	3	Terminal	
10	4460608	3	Seal	
11	1001246391	1	Terminal, Snap Plug	
12	1001197407	1	Ring, Terminal	
13	4461095	1	Connector	
14	4460944	2	Terminal	
15	4460466	1	Plug	
17	4460933	1	Connector	
18	4460465	8	Terminal	
19	4460466	4	Plug	
21	1001187070	1	Ring, Terminal	
22	1001126487	1	Connector	
23	1001167656	2	Terminal	
24	1001167657	2	Seal	
25	4460891	1	Connector	
26	4460465	2	Terminal	
27	4460934	1	Connector	
28	4460465	10	Terminal	
29	4460466	2	Plug	
30	4460891	1	Connector	
31	4460465	2	Terminal	
34	1001144147	1	Connector	
35	4460464	2	Terminal	
36	4460466	1	Plug	
37	4460950	1	Connector	
38	4460464	9	Terminal	
39	4460466	3	Plug	
40	4460935	1	Connector	
41	4460465	11	Terminal	
42	4460466	1	Plug	
43	4460970	1	Connector	
44	4460464	8	Terminal	
45	4460466	4	Plug	
46	1001116811	1	Connector	
47	4460508	3	Terminal	
48	1001150610	1	Terminal	
49	1001167616	1	Connector	
50	1001190921	1	Seal, Foam Fuse Box	
51	8220098	3	Terminal	
52	4460789	9	Seal	
53	8220097	29	Terminal	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
54	4460458	23	Seal	
55	4460748	11	Plug	
56	1001116725	2	Terminal	
57	80963067	2	Plug	
58	8229244	2	Fuse, 15amp	
59	80983191	2	Fuse, 10amp	
60	8229242	2	Fuse, 5amp	
61	1001205172	5	Relay, 35amp	
62	1001177597	1	Diode, 6amp	
63	4460930	1	Connector	
64	4460465	6	Terminal	
65	4460466	2	Plug	
67	1001125083	1	Connector	
68	1001195782	7	Plug	
69	1001195781	14	Plug	
70	1001125085	3	Terminal	
72	1001187070	1	Ring, Terminal	
73	1001187070	1	Ring, Terminal	
74	1001112612	1	Connector	
75	4469464	4	Terminal	
76	4460466	5	Plug	
77	4460497	1	Nut	
78	4460496	1	Lockwasher	
79	1001153612	1	Connector	
80	1001126011	1	Terminal	
81	4460955	1	Connector	
82	1001116748	2	Terminal	
83	4460955	1	Connector	
84	1001116748	2	Terminal	
85	4460955	1	Connector	
86	1001116748	2	Terminal	
87	4460891	1	Connector	
88	4460465	2	Terminal	
89	4460955	1	Connector	
90	1001116748	2	Terminal	
91	4460955	1	Connector	
92	1001116748	2	Terminal	
93	4460955	1	Connector	
94	1001116748	2	Terminal	
95	1001187080	1	Ring, Terminal	
96	1001117073	1	Connector	
97	1001116749	2	Terminal	
98	4460608	2	Seal	
99	1001187079	1	Ring, Terminal	
100	1001190322	1	Connector	
101	4461005	2	Terminal	
102	4461054	2	Seal	
103	1001207171	1	Ring, Terminal	
104	1001207171	1	Ring, Terminal	
105	1001116950	1	Connector	
106	4460465	2	Terminal	

FIGURE 10-49. ENGINE HARNESS (110HP) (LS)

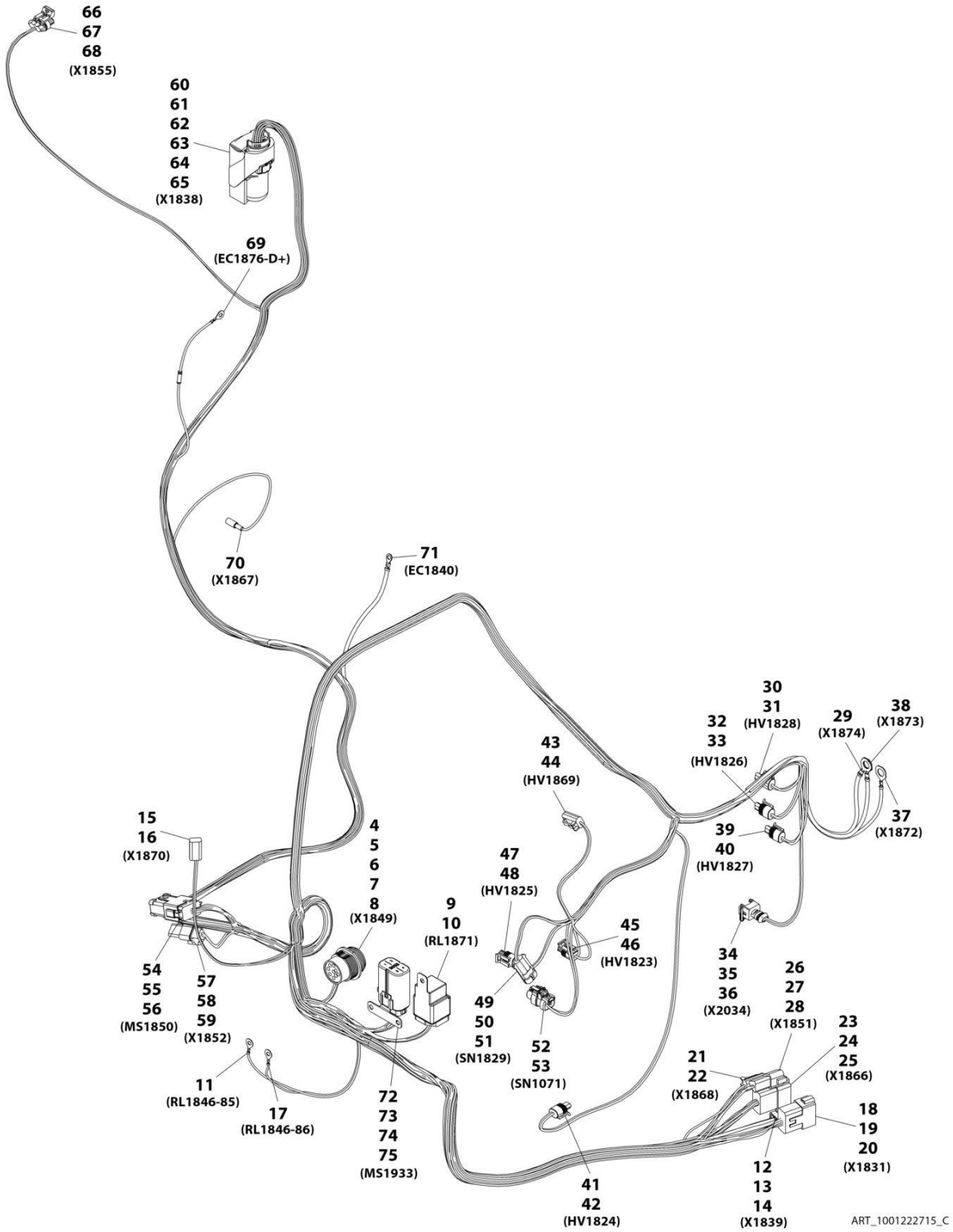


FIGURE 10-49. ENGINE HARNESS (110HP) (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222715	Ref	Engine Harness (LS)	C
4	1001112612	1	Connector	
5	4460464	4	Terminal	
6	4460466	5	Plug	
7	4460497	1	Nut	
8	4460496	1	Washer	
9	1001145707	1	Connector	
10	1001116732	4	Terminal	
11	1001187070	1	Ring, Terminal	
12	1001116811	1	Connector	
13	4460508	3	Terminal	
14	1001150610	1	Terminal	
15	4460891	1	Connector	
16	4460465	2	Terminal	
17	1001187070	1	Ring, Terminal	
18	4460970	1	Connector	
19	4460464	8	Terminal	
20	4460466	4	Plug	
21	4460891	1	Connector	
22	4460465	2	Terminal	
23	4460950	1	Connector	
24	4460464	9	Terminal	
25	4460466	3	Plug	
26	1001144147	1	Connector	
27	4460464	2	Terminal	
28	4460466	1	Plug	
29	1001187079	1	Ring, Terminal	
30	4460955	1	Connector	
31	1001116748	2	Terminal	
32	4460955	1	Connector	
33	1001116748	2	Terminal	
34	1001190322	1	Connector	
35	4461005	2	Terminal	
36	4461006	2	Seal	
37	1001187078	1	Ring, Terminal	
38	1001187079	1	Ring, Terminal	
39	4460955	1	Connector	
40	1001116748	2	Terminal	
41	4460955	1	Connector	
42	1001116748	2	Terminal	
43	4460891	1	Connector	
44	4460465	2	Terminal	
45	4460955	1	Connector	
46	1001116748	2	Terminal	
47	4460955	1	Connector	
48	1001116748	2	Terminal	
49	1001117073	1	Connector	
50	1001116749	2	Terminal	
51	4460608	2	Seal	
52	1001116950	1	Connector	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
53	4460465	2	Terminal	
54	4460933	1	Connector	
55	4460465	8	Terminal	
56	4460466	4	Plug	
57	4461095	1	Connector	
58	4460943	2	Terminal	
59	4460466	1	Plug	
60	1001126349	1	Connector	
61	1001185824	6	Terminal	
62	1001185823	11	Terminal	
63	1001126353	6	Seal	
64	1001126357	4	Plug	
65	1001126356	73	Plug	
66	1001125027	1	Connector	
67	8220124	3	Terminal	
68	4460608	3	Seal	
69	1001187070	1	Ring, Terminal	
70	1001246391	1	Terminal, Snap Plug	
71	1001197407	1	Ring, Terminal	
72	1001184551	1	Connector	
73	1001234800	1	Terminal	
74	4460746	7	Terminal	
75	4460458	8	Seal	

FIGURE 10-50. ENGINE BAY - ELECTRICAL INSTALLATION (74HP) (ULS)

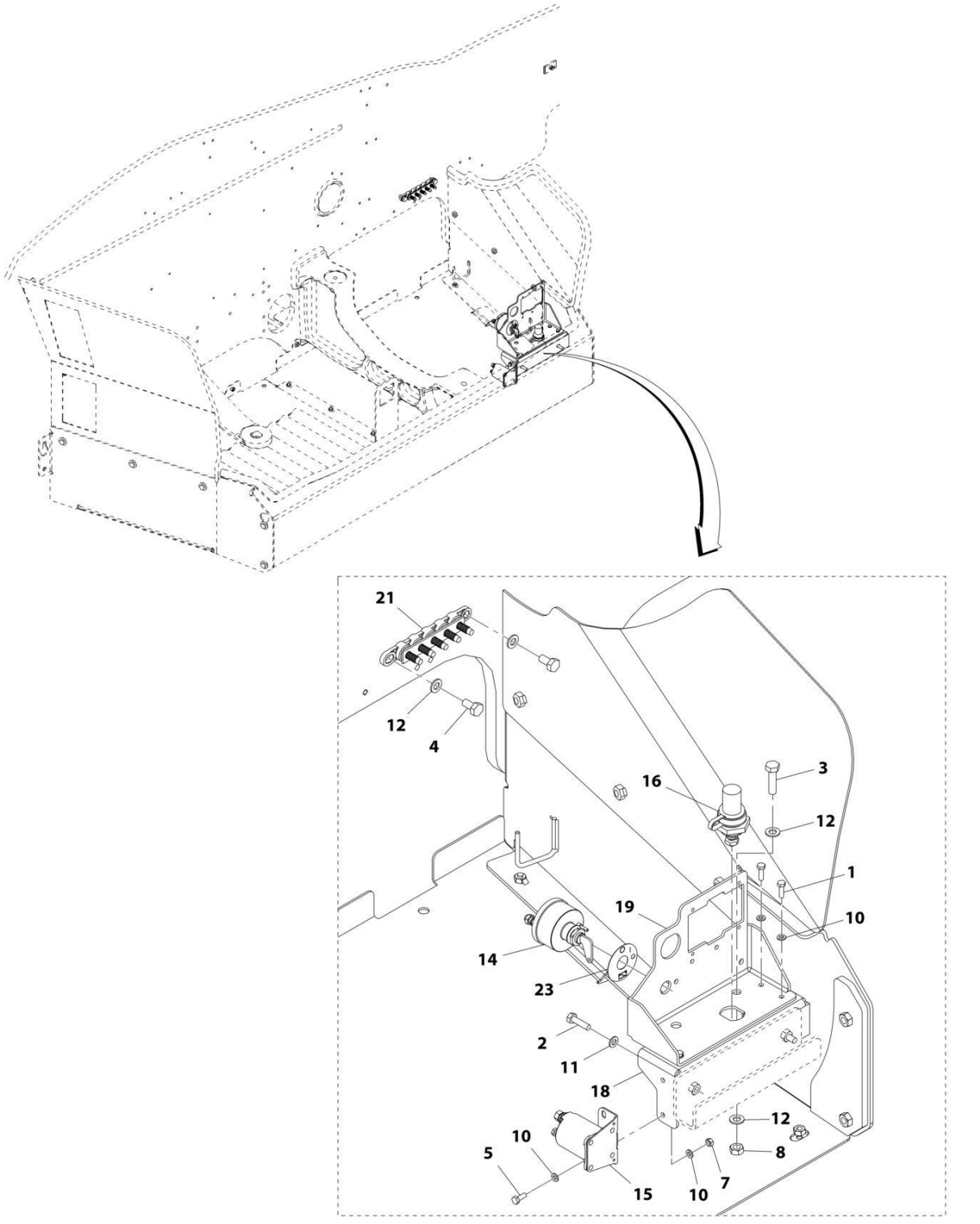


FIGURE 10-50. ENGINE BAY - ELECTRICAL INSTALLATION (74HP) (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173765	Ref	Engine Bay Electrical Installation	J
1	0700610	4	Bolt, M6X20	
2	0700814	2	Bolt, M8X30	
3	0701016	1	Bolt, M10X40	
4	0761010	2	Bolt, M10X20	
5	0760608	2	Bolt, M6X16	
7	3290601	2	Nut, M6X1	
8	3291001	1	Nut, M10X1.5	
10	4811700	8	Washer, M6	
11	4811900	2	Washer, M8	
12	4812000	4	Washer, M10	
14	1001192142	1	Switch, Disconnect	
15	1001117308	1	Relay	
16	1001193993	1	Terminal	
18	1001199099	1	Bracket	
19	1001198321	1	Bracket	
21	1001181128	1	Bussbar	
23	1001008540	1	Plate	

FIGURE 10-51. ENGINE BAY - ELECTRICAL INSTALLATION (110HP) (ULS)

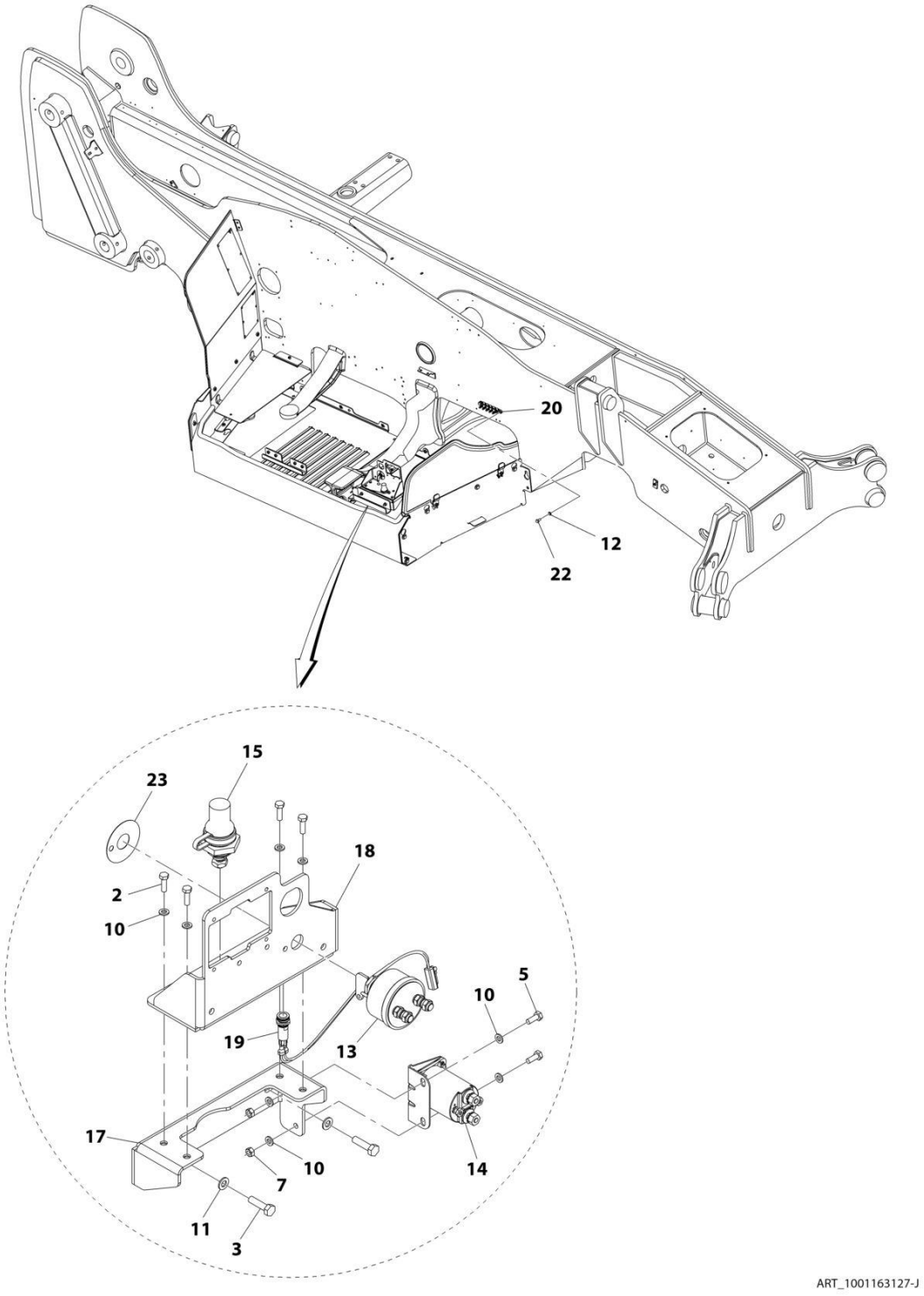


FIGURE 10-51. ENGINE BAY - ELECTRICAL INSTALLATION (110HP) (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163127	Ref	Engine Bay Electrical Installation (if equipped for ULS)	J
2	0700610	4	Bolt, M6X20	
3	0700814	2	Bolt, M8X30	
5	0760608	2	Bolt, M6X16	
7	3290601	2	Nut, M6X1 Grade 8	
10	4811700	8	Washer, M6	
11	4811900	2	Washer, M8	
12	4812000	2	Washer, M10	
13	1001192142	1	Switch, Disconnect	
14	1001117308	1	Relay	
15	1001193993	1	Terminal	
17	1001199099	1	Bracket	
18	1001198321	1	Bracket	
19	1001232288	Ref	Harness, DEF Purge Light, (See Separate Breakdown in this Section)	
20	1001181128	1	Bussbar	
22	0761010	2	Bolt, M10X20	
23	1001008540	1	Plate	

FIGURE 10-52. ENGINE BAY - ELECTRICAL INSTALLATION (110HP) (LS)

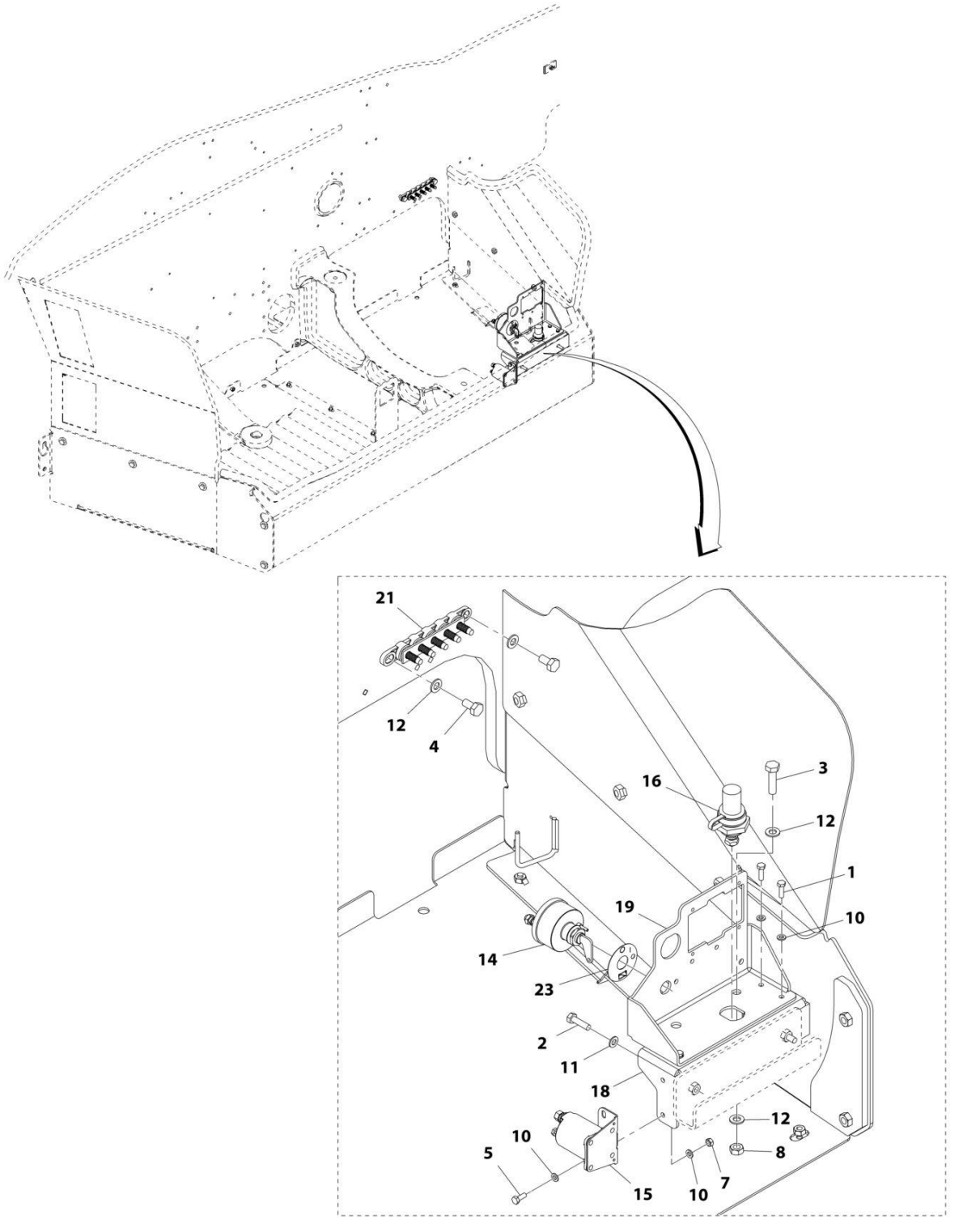


FIGURE 10-52. ENGINE BAY - ELECTRICAL INSTALLATION (110HP) (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173765	Ref	Engine Bay Electrical Installation	J
1	0700610	4	Bolt, M6X20	
2	0700814	2	Bolt, M8X30	
3	0701016	1	Bolt, M10X40	
4	0761010	2	Bolt, M10X20	
5	0760608	2	Bolt, M6X16	
7	3290601	2	Nut, M6X1	
8	3291001	1	Nut, M10X1.5	
10	4811700	8	Washer, M6	
11	4811900	2	Washer, M8	
12	4812000	4	Washer, M10	
14	1001192142	1	Switch, Disconnect	
15	1001117308	1	Relay	
16	1001193993	1	Terminal	
18	1001199099	1	Bracket	
19	1001198321	1	Bracket	
21	1001181128	1	Bussbar	
23	1001008540	1	Plate	

FIGURE 10-53. ENGINE BAY - WIRING INSTALLATION (74HP) (ULS)

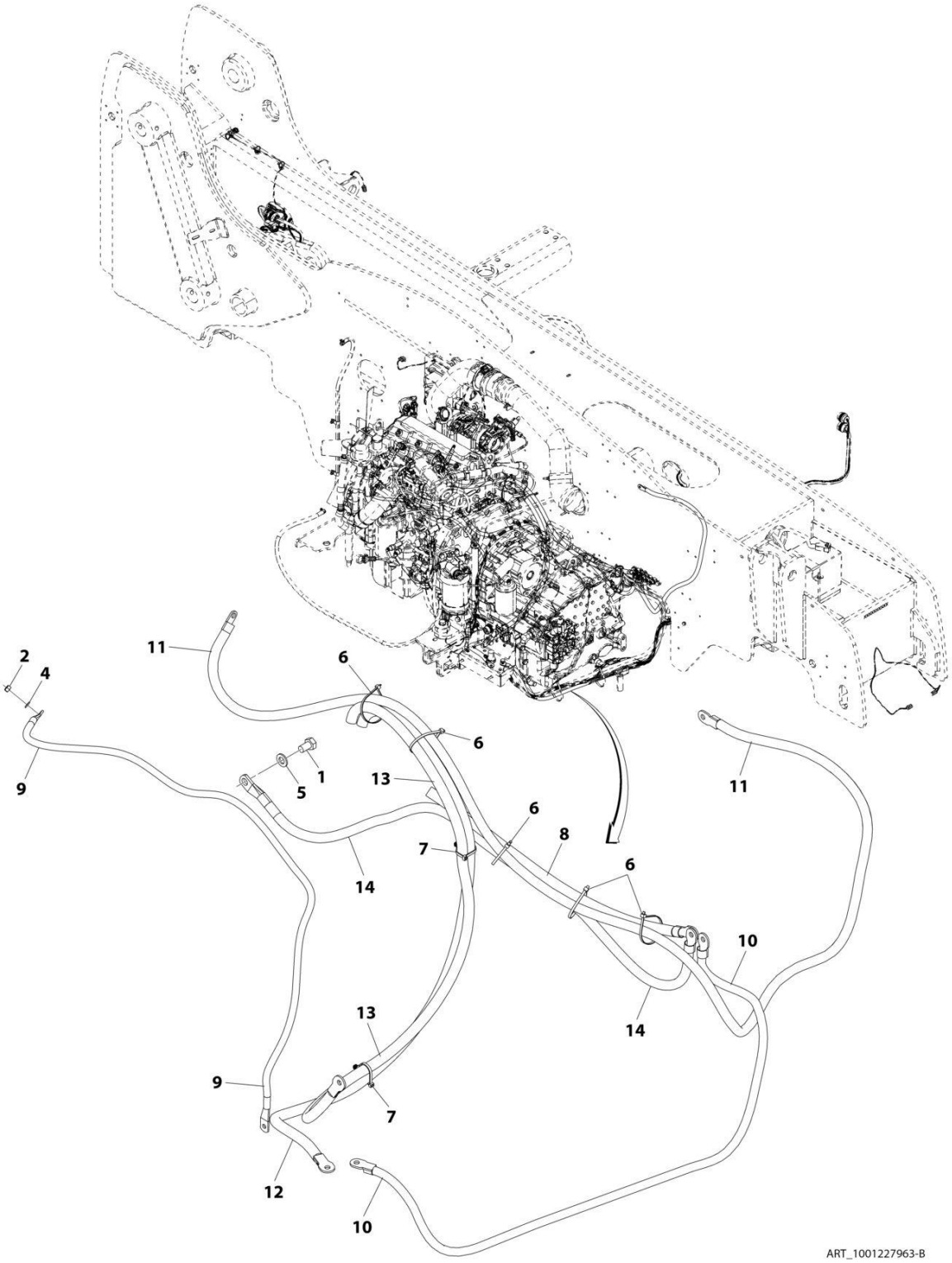


FIGURE 10-53. ENGINE BAY - WIRING INSTALLATION (74HP) (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227963	Ref	Engine Bay Wiring Installation, 74HP (ULS)	B
1	0761210	1	Bolt, M12X20	
2	3290605	1	Nut, Lock M6X1	
4	4811700	1	Washer, M6	
5	4812100	1	Washer, M12	
6	1001008559	5	Strap, Cable	
7	1001146588	2	Strap, Cable Tie	
8	1001170320	1	Cable, Starter Ground	
9	1001170816	1	Cable, Grid Heater	
10	1001200102	1	Cable, Ground Buss to Remote Ground	
11	1001205254	1	Cable	
12	1001228118	1	Cable, Starter to Remote	
13	1001228119	1	Cable, Starter to Battery Disconnect	
14	1001228490	1	Cable, Engine Ground	

FIGURE 10-54. ENGINE BAY - WIRING INSTALLATION (110HP) (ULS)

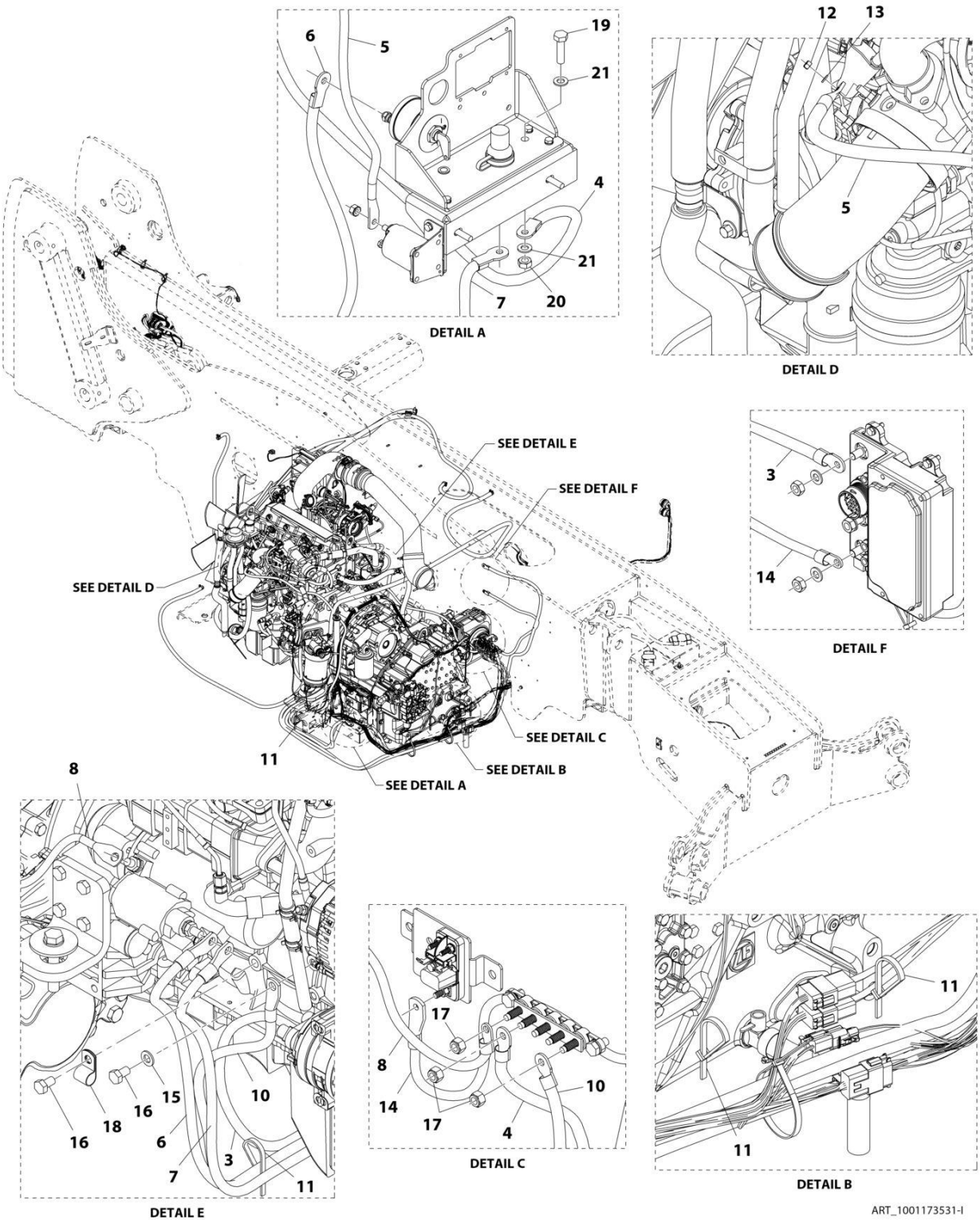


FIGURE 10-54. ENGINE BAY - WIRING INSTALLATION (110HP) (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173531	Ref	Engine Bay Wiring Installation (ULS)	I
3	1001170215	1	Cable, PDM to ALT+	
4	1001200102	1	Cable, Ground Buss to Remote Ground	
5	1001170816	1	Cable, Grid Heater	
6	1001170740	1	Cable, Starter to Battery Disconnect	
7	1001170741	1	Cable, Starter to Remote B+	
8	1001170320	1	Cable, Starter Ground	
10	1001170749	1	Cable, Engine Ground	
11	1001008559	5	Strap, Cable	
12	3290605	1	Nut, Lock M6X1	
13	4811700	1	Washer, M6	
14	1001190585	1	Cable, Glow Plug	
15	4812100	1	Washer, M12	
16	0761210	2	Bolt, M12X20	
17	3291005	3	Nut, Lock M10X1.5	
18	8406105	1	Clip, Tube	
19	0701016	1	Bolt, M10X40	
20	3291001	1	Nut, M10X1.5	
21	4812000	2	Washer, M10	

FIGURE 10-55. ENGINE BAY - WIRING INSTALLATION (110HP) (LS)

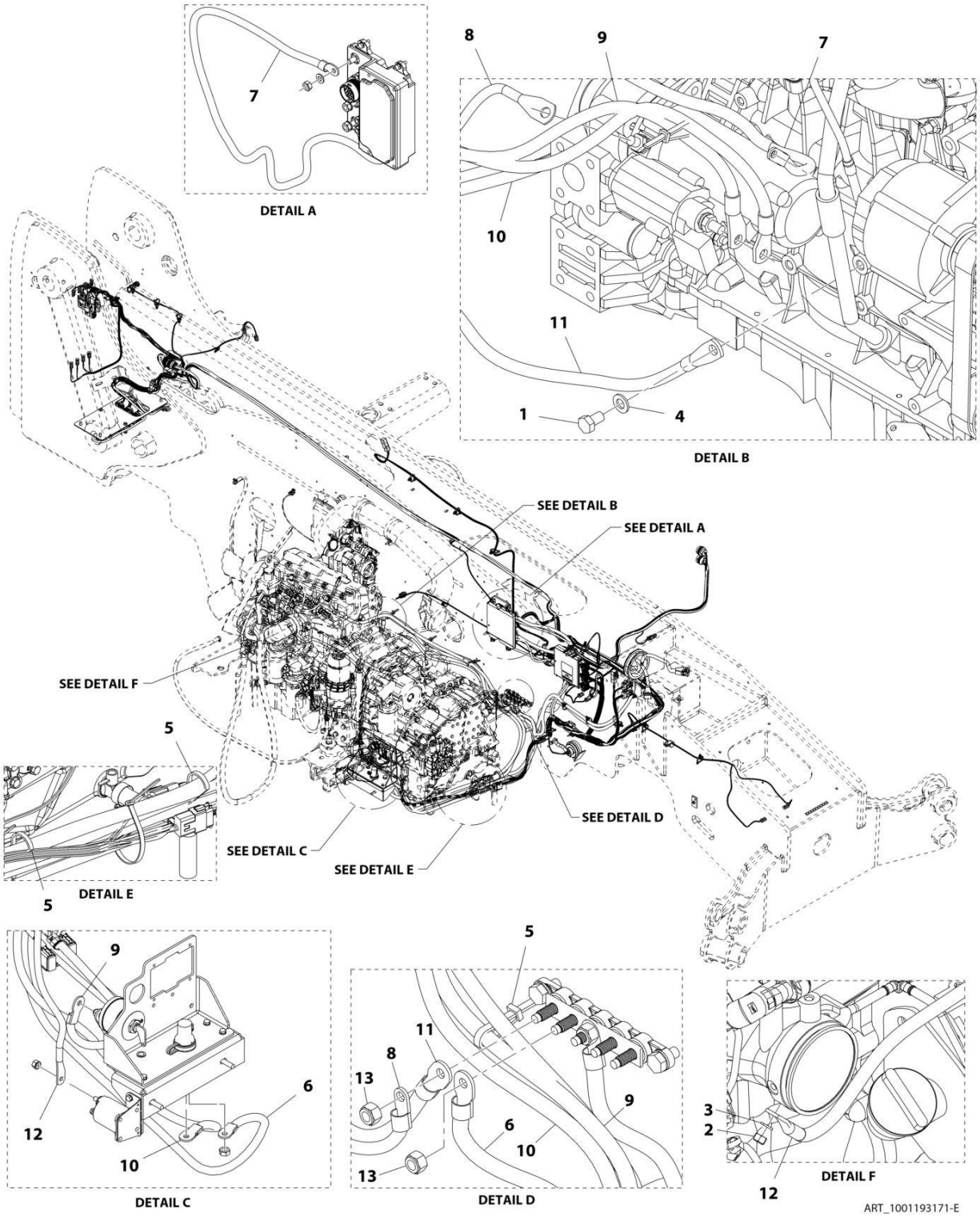


FIGURE 10-55. ENGINE BAY - WIRING INSTALLATION (110HP) (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001193171	Ref	Engine Bay Wiring Installation (LS)	E
1	0761210	1	Bolt, M12X20	
2	3290605	1	Nut, Lock M6X1	
3	4811700	1	Washer, M6	
4	4812100	1	Washer, M12	
5	1001008559	6	Strap, Cable	
6	1001200102	1	Cable, Ground Buss to Remote Ground	
7	1001205254	1	Cable, PDM to Alt+	
8	1001170320	1	Cable, Starter Ground	
9	1001187623	1	Cable, Starter to Battery Disconnect	
10	1001187624	1	Cable, Starter to Remote B+	
11	1001205255	1	Cable, Engine Ground	
12	1001170816	1	Cable, Grid Heater	
13	3291005	2	Nut, Lock M10X1.5	

FIGURE 10-56. ENGINE/CHASSIS HARNESS (110HP) (ULS)

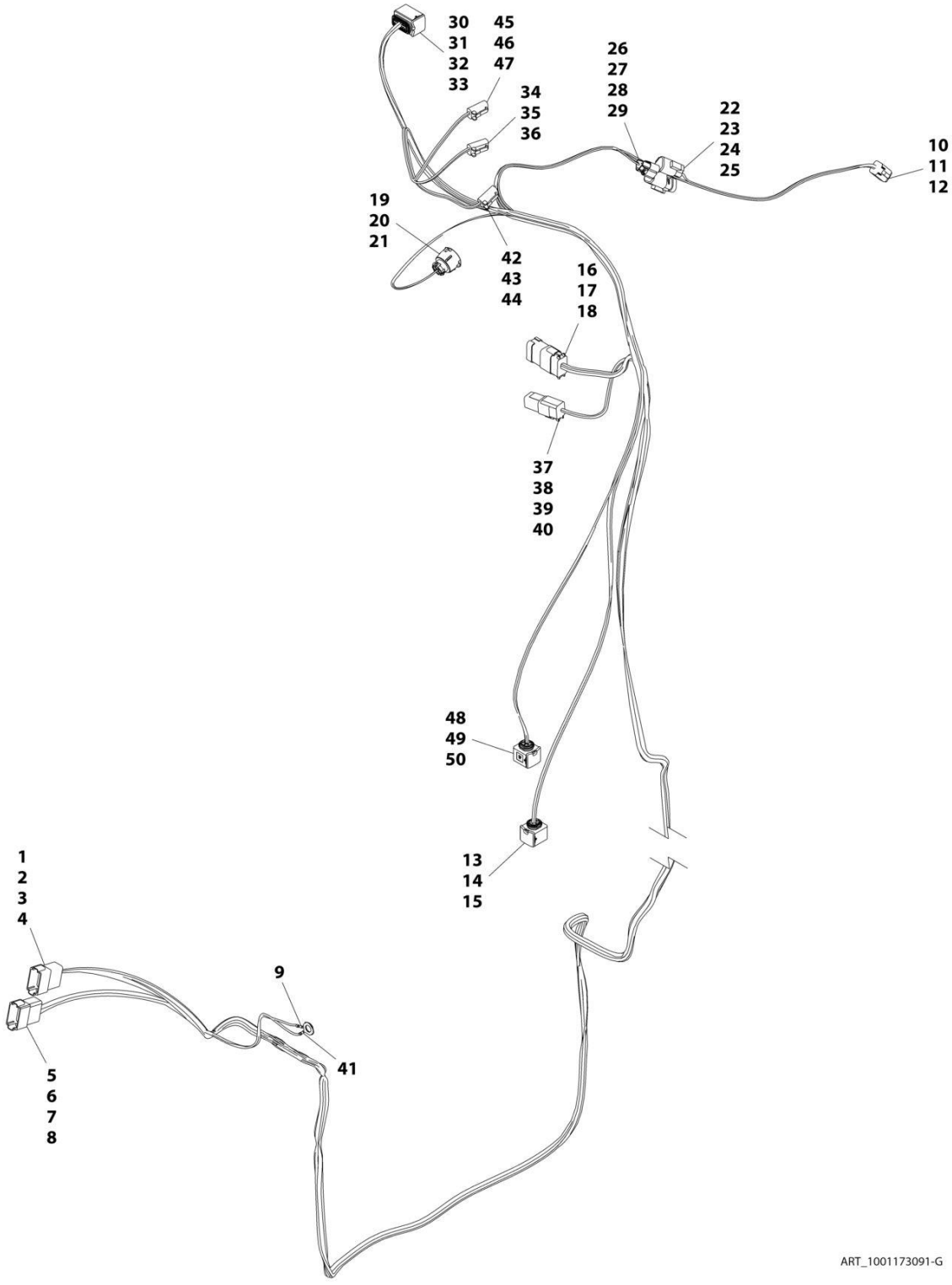


FIGURE 10-56. ENGINE/CHASSIS HARNESS (110HP) (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173091	Ref	Engine Chassis Harness (ULS)	G
1	4460982	1	Connector	
2	80363179	1	Lock, Connector	
3	4460464	11	Terminal	
4	4460466	1	Plug	
5	1001152742	1	Connector	
6	80363179	1	Lock, Connector	
7	4460464	10	Terminal	
8	4460466	2	Plug	
9	1001187077	1	Terminal, Ring	
10	4460884	1	Connector	
11	80604021	1	Lock, Connector	
12	4460465	4	Terminal	
13	1001167528	1	Connector	
14	1001166704	4	Terminal	
15	1001137578	4	Seal, Terminal	
16	4460930	1	Connector	
17	80604025	1	Lock, Connector	
18	4460465	8	Terminal	
19	1001167620	1	Connector	
20	1001176004	2	Terminal	
21	1001167624	2	Plug	
22	4460539	1	Connector	
23	77363244	1	Lock, Connector	
24	4460944	2	Terminal	
25	4460466	1	Plug	
26	1001116812	1	Connector	
27	91554019	1	Lock, Connector	
28	4460944	2	Terminal	
29	4460466	1	Plug	
30	1001165194	1	Connector	
31	1001166703	10	Terminal	
32	1001126393	10	Seal, Terminal	
33	1001126391	2	Plug	
34	4460891	1	Connector	
35	80604018	1	Lock, Connector	
36	4460465	2	Terminal	
37	4460894	1	Connector	
38	91504107	1	Lock, Connector	
39	4460465	4	Terminal	
40	4460466	2	Plug	
41	1001187077	1	Terminal, Ring	
42	4460891	1	Connector	
43	80604018	1	Lock, Connector	
44	4460465	2	Terminal	
45	4460891	1	Connector	
46	80604018	1	Lock, Connector	
47	4460465	2	Terminal	
48	1001176935	1	Connector	
49	1001166704	4	Terminal	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	1001137578	4	Seal, Terminal	

FIGURE 10-57. ENGINE - ECU INSTALLATION (ULS)

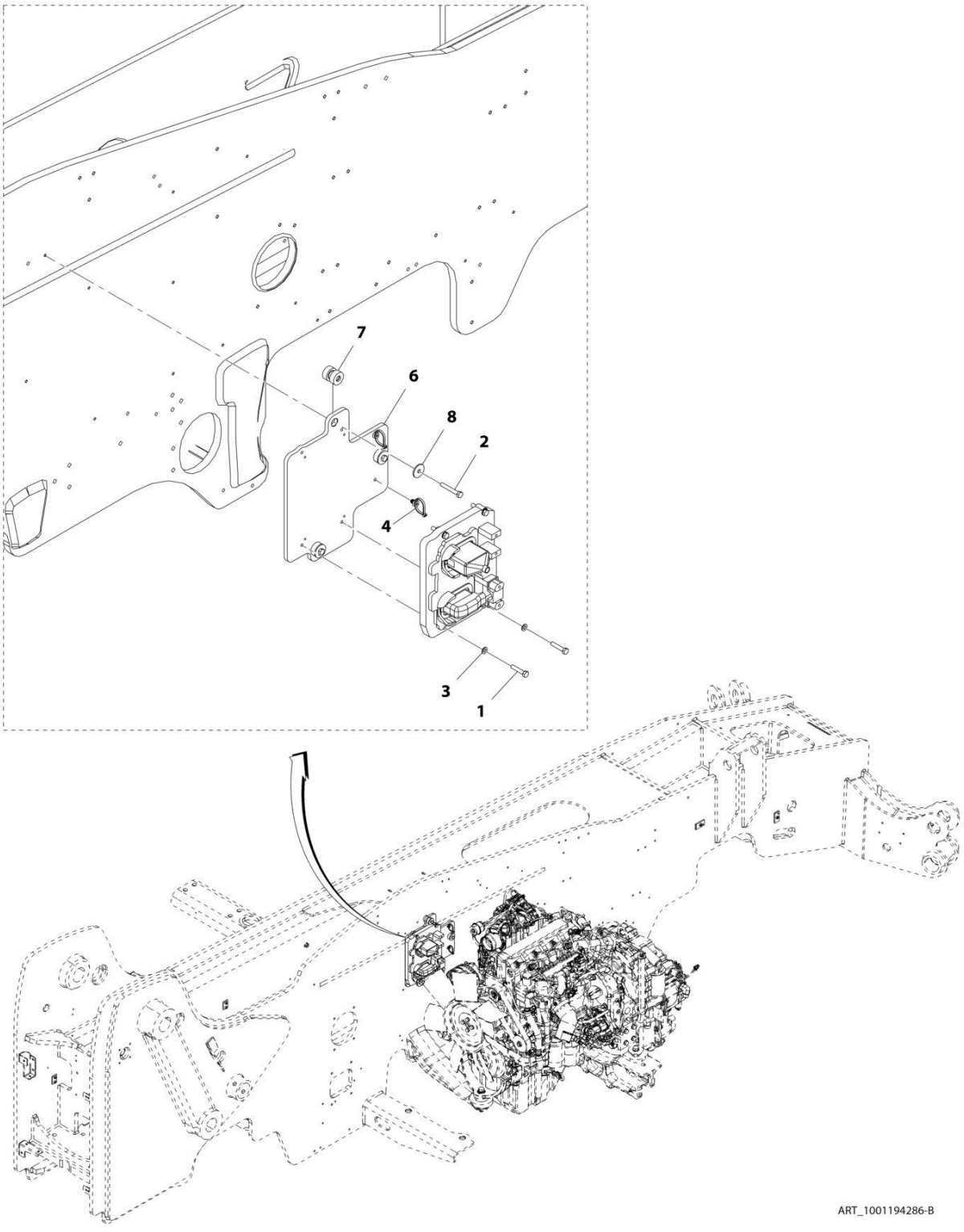


FIGURE 10-57. ENGINE - ECU INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194286	Ref	Engine ECU Installation	B
1	0700816	4	Bolt, M8X40	
2	0700819	3	Bolt, M8X55	
3	4811900	4	Washer, M8	
4	1001146588	2	Strap, Tie	
6	1001192468	1	Bracket	
7	1001192471	3	Mount	
8	1001195089	3	Washer	

FIGURE 10-58. ENGINE - ECU INSTALLATION (LS)

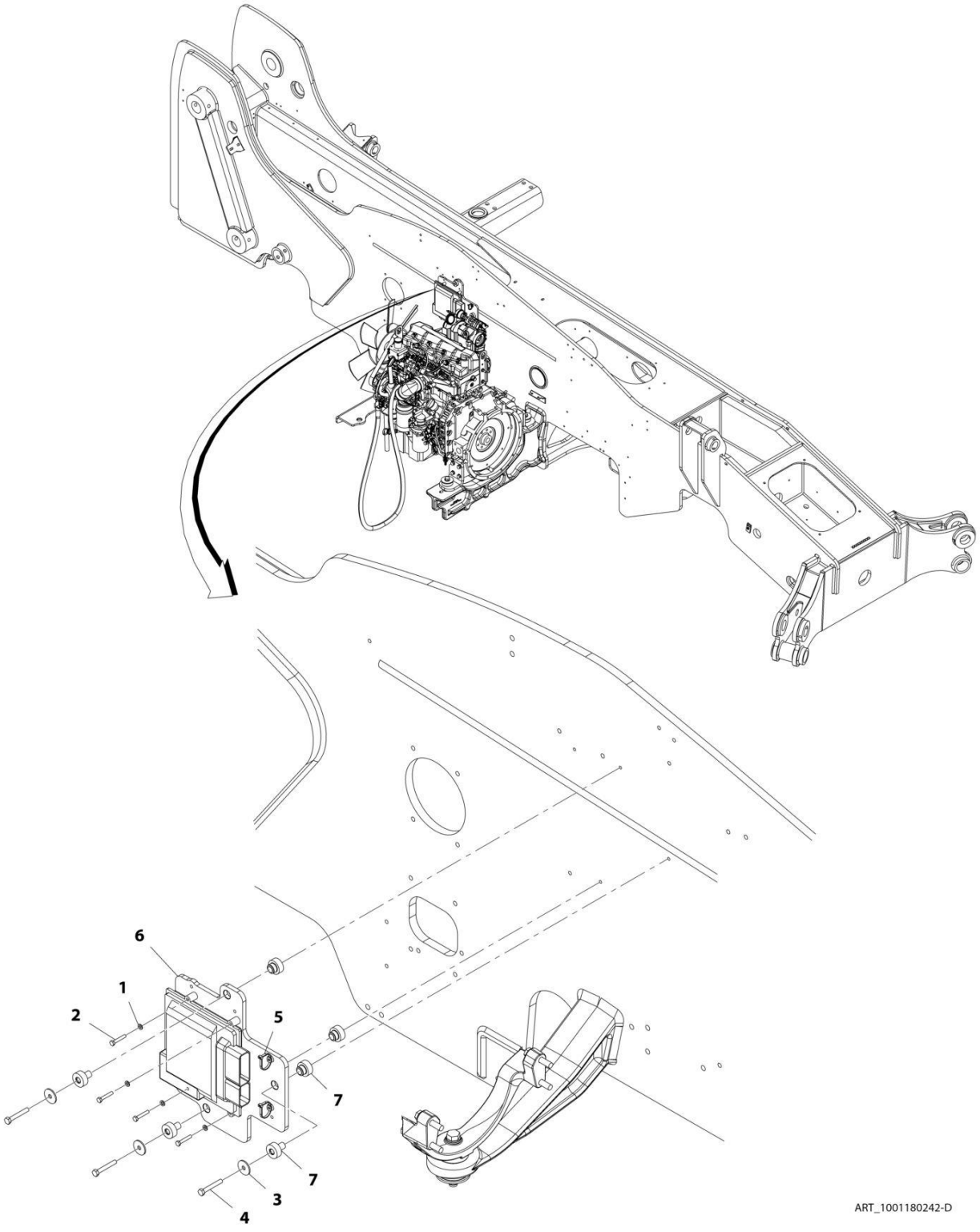


FIGURE 10-58. ENGINE - ECU INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180242	Ref	Engine ECM Installation (LS)	D
1	4811700	4	Washer, M6	
2	0760615	4	Bolt, M6X35	
3	1001195089	3	Washer	
4	0700819	3	Bolt, Grade 8	
5	1001146588	2	Strap, Tie	
6	1001192468	1	Bracket	
7	1001192471	3	Mount, Isolator	

FIGURE 10-59. ENGINE TBAP HARNESS

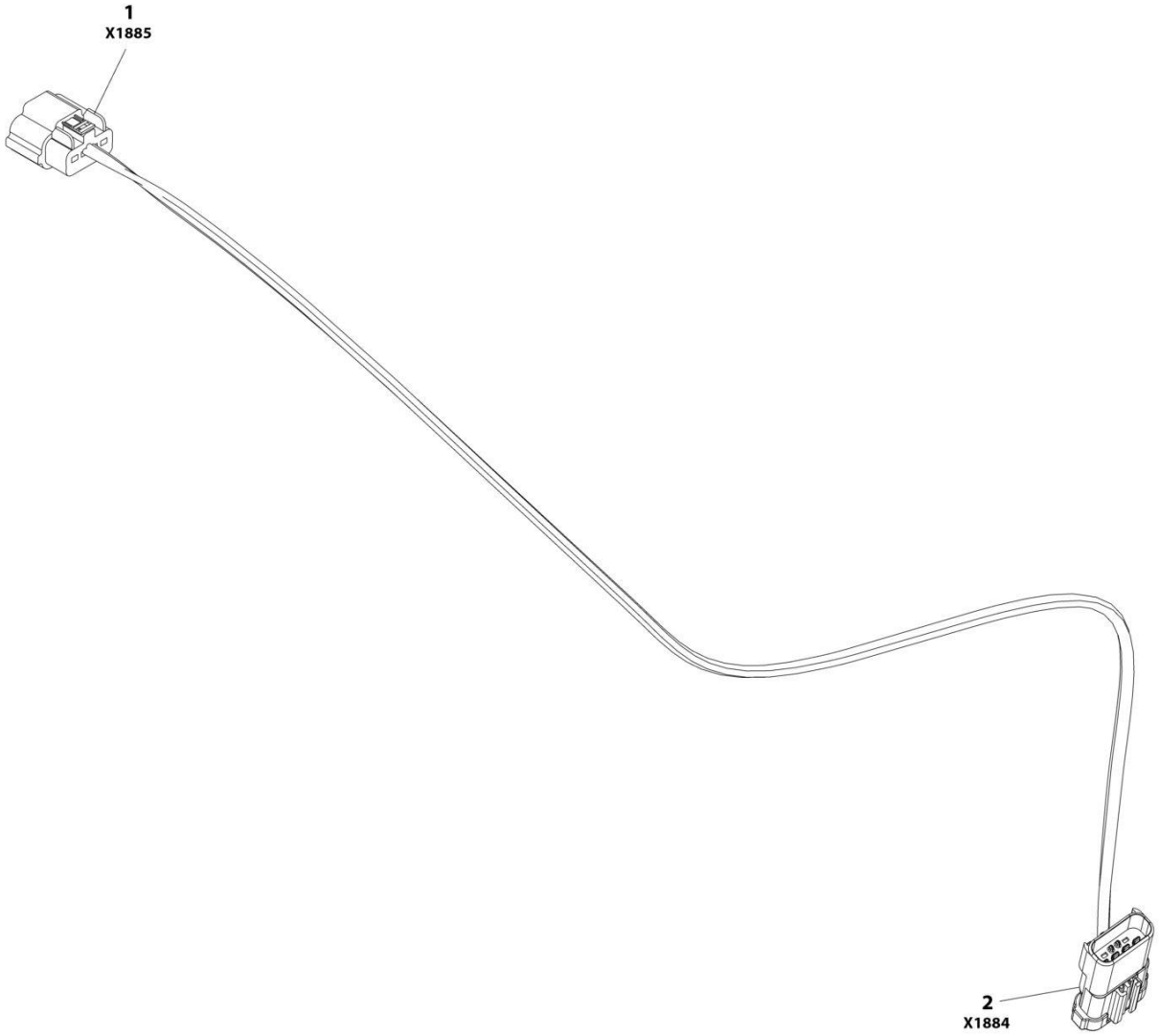


FIGURE 10-59. ENGINE TBAP HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184835	Ref	TBAP Harness	C
1	10011184495	1	Connector	
	1001260509	4	Terminal	
	1001184496	4	Seal	
2	1001184491	1	Connector	
	1001184493	4	Terminal	

FIGURE 10-60. FRAME - ELECTRICAL INSTALLATION

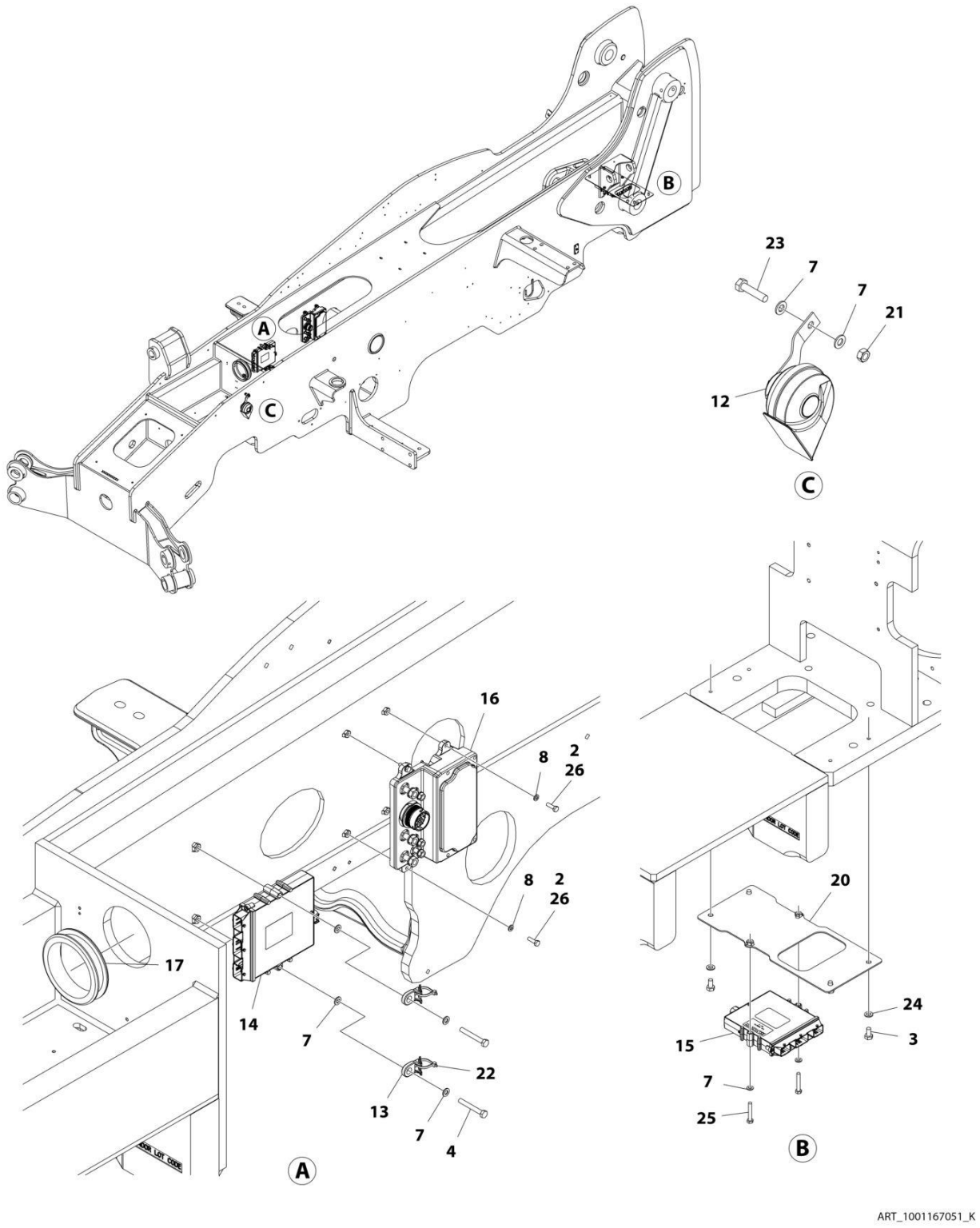


FIGURE 10-60. FRAME - ELECTRICAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167051	Ref	ELECTRICAL FRAME INSTALLATION	K
2	0700610	4	Bolt M6 x 20	
3	0761010	4	Bolt M10 x 20	
4	0700820	2	Bolt M8 x 60	
7	4811900	8	Washer M8	
8	4811700	4	Washer M6	
12	10713707	1	Horn	
13	1001169146	2	Mount	
14	1001270467	1	Module, Front Frame Control	
15	1001270468	1	Module, Rear Frame Control	
16	1001164402	1	Box, Power Distribution Electrical (See Separate Breakdown in this Section)	
17	1001166397	1	Grommet	
20	1001210450	1	Plate, Mounting	
21	3290801	1	Nut M8 x 1-1/4	
22	1001008559	2	Strap, Cable	
23	0760815	1	Bolt M8 x 35	
24	4812000	4	Washer M10	
25	0700818	2	Bolt M8 x 50	
26	1001180620	AR	Locking, Compound	

FIGURE 10-61. FRAME - POWER DISTRIBUTION BOX

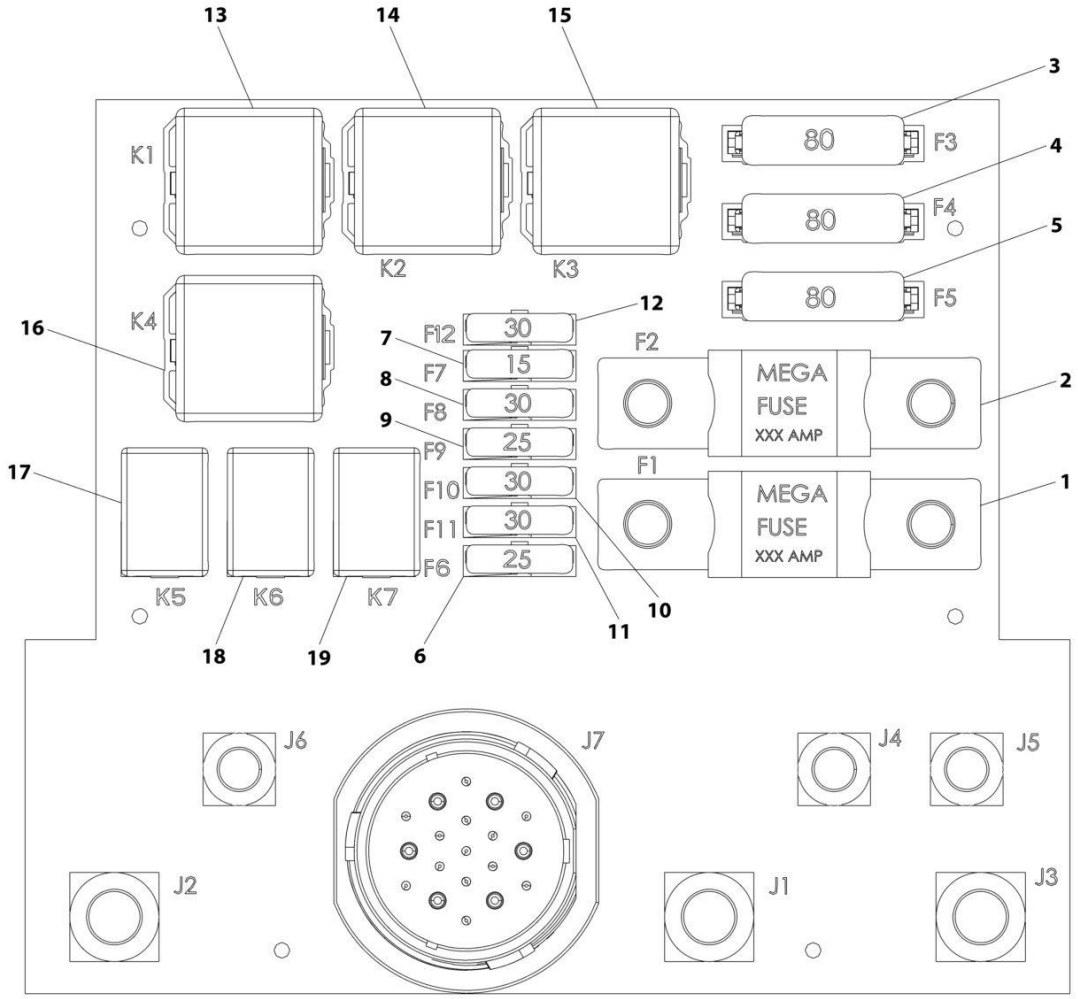


FIGURE 10-61. FRAME - POWER DISTRIBUTION BOX

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 10-62. FRAME - WIRING INSTALLATION (74HP) (ULS)

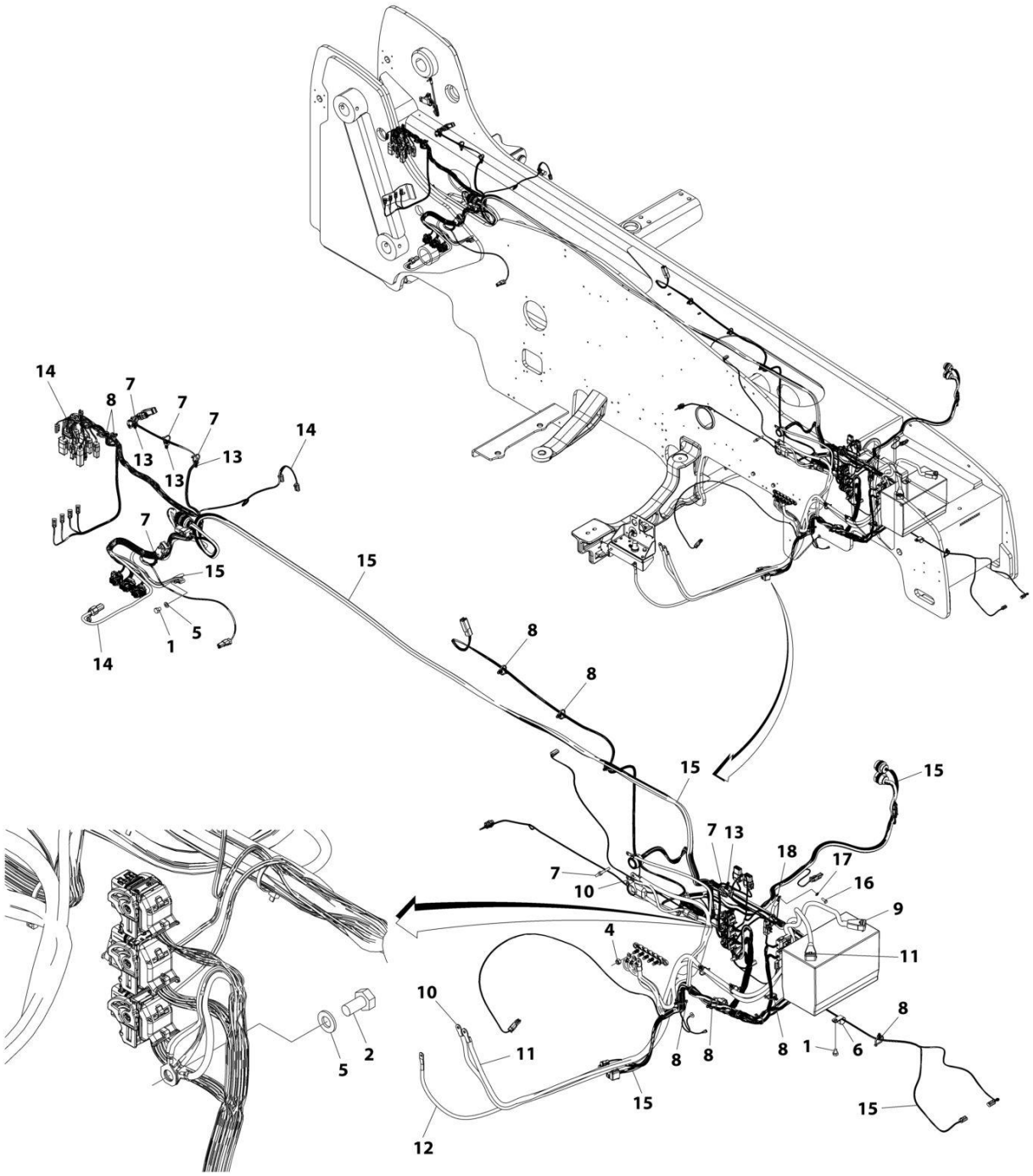


FIGURE 10-62. FRAME - WIRING INSTALLATION (74HP) (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225987	Ref	FRAME - WIRING INSTALLATION (74HP) (ULS)	G
1	0761007	2	Bolt M10 x 14	
2	0761010	1	Bolt M10 x 20	
4	3291005	5	Nut M10 x 1-1/2	
5	4812000	2	Washer M10	
6	8406201	1	Clip, Wire and Tube	
7	1001008559	19	Strap, Tie	
8	1001146588	13	Strap, Tie	
9	1001169365	1	Cable, Battery Negative	
10	1001170566	1	Cable, Battery Disconnect to PDM	
11	1001170624	1	Cable, Battery + to Battery Disconnect	
12	1001200082	1	Cable, PDM to Grid Heater	
13	1001202986	8	Strap	
14	1001266971	1	Harness, Rear Frame (See Separate Breakdown in this Section)	
15	1001281268	1	Harness, Front Frame (See Separate Breakdown in this Section)	
16	0760608	1	Bolt M6 x 16	
17	4811700	1	Washer M6	
18	4871700	1	Washer M6	

FIGURE 10-63. FRAME - WIRING INSTALLATION (110HP) (ULS)

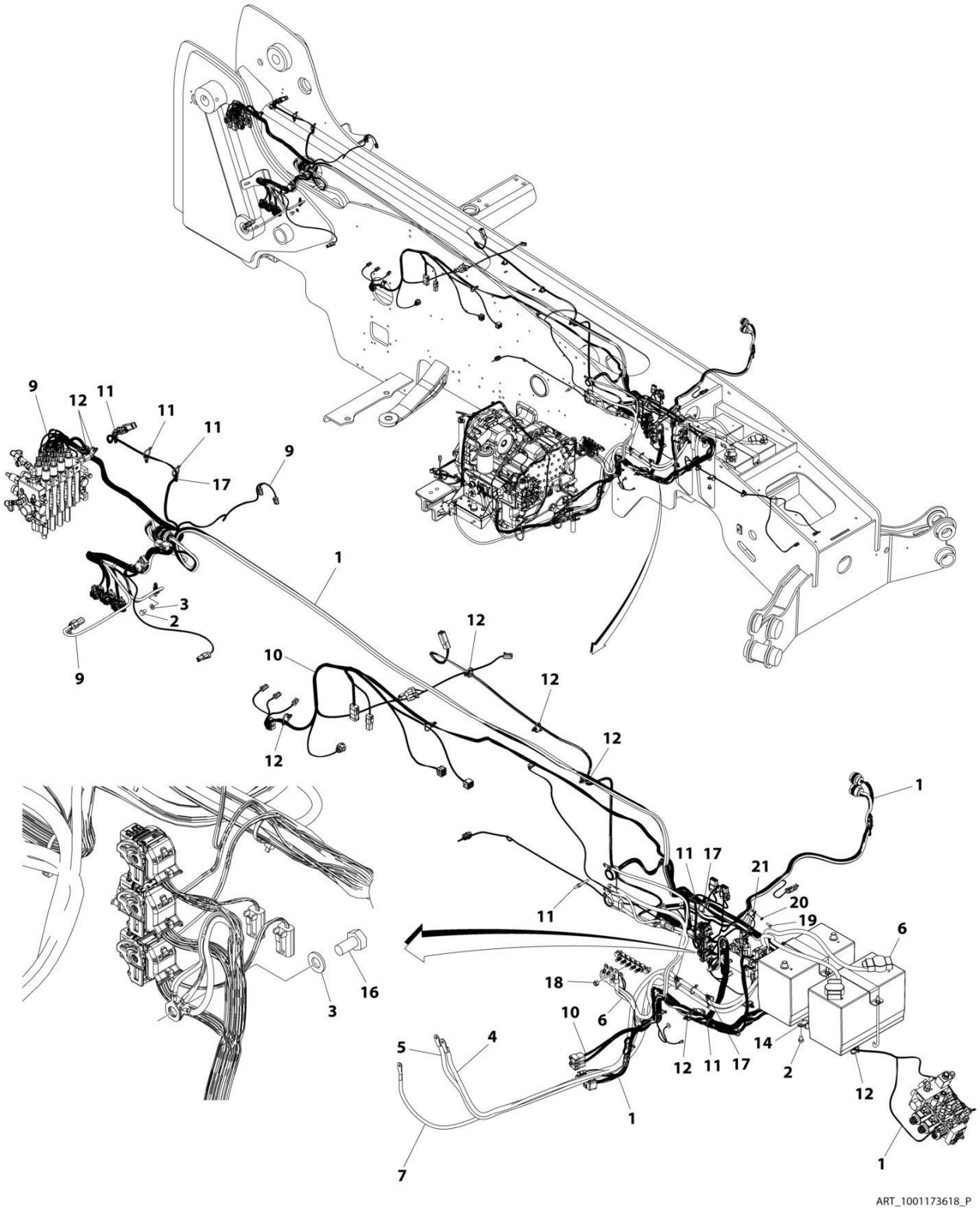


FIGURE 10-63. FRAME - WIRING INSTALLATION (110HP) (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173618	Ref	FRAME WIRING INSTALLATION (110HP) (ULS)	P
1	1001281268	1	Harness, Front Frame (See Separate Breakdown in this Section)	
2	0761007	2	Bolt M10 x 14	
3	4812000	2	Washer M10	
4	1001203052	1	Cable, Battery + to Battery Disconnect	
5	1001170566	1	Cable, Battery Disconnect to PDM	
6	1001203053	1	Cable, Battery Negative	
7	1001200082	1	Cable, PDM to Grid Heater	
8	4460891	1	Connector (Not Shown)	
9	1001266970	1	Harness, Rear Frame (See Separate Breakdown in this Section)	
10	1001173091	1	Harness, Engine Chassis Harness (ULS) (See Separate Breakdown in this Section)	
11	1001008559	20	Strap, Cable	
12	1001146588	14	Strap, Cable Tie	
14	8406201	1	Clip, Wire and Tube	
16	0761010	1	Bolt M10 x 20	
17	1001202986	9	Strap, Tie	
18	3291005	2	Nut M10 x 1.5	
19	0760608	1	Bolt M6 x 16	
20	4811700	1	Washer M6	
21	4871700	1	Washer M6	

FIGURE 10-64. FRAME - WIRING INSTALLATION (110HP) (LS)

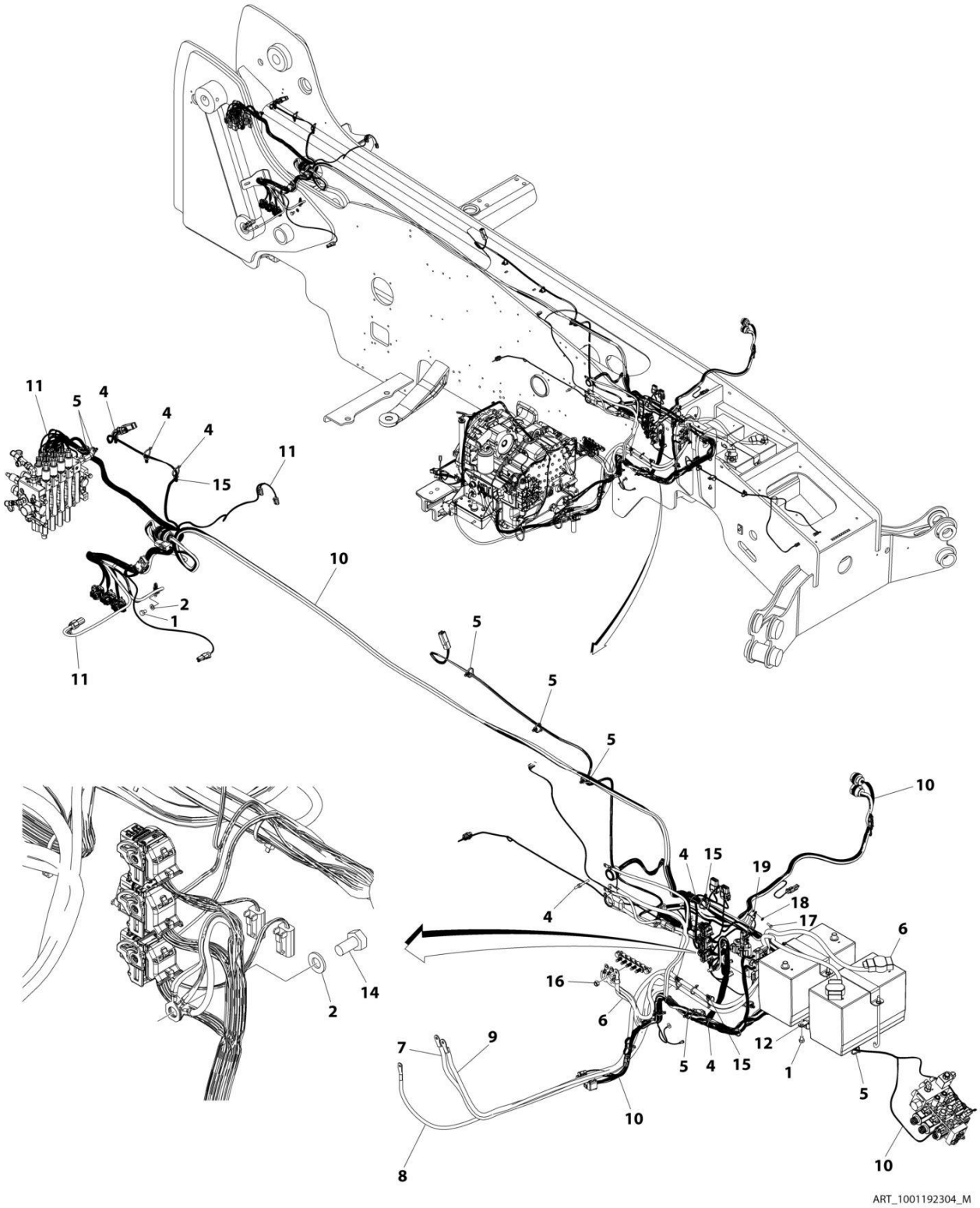
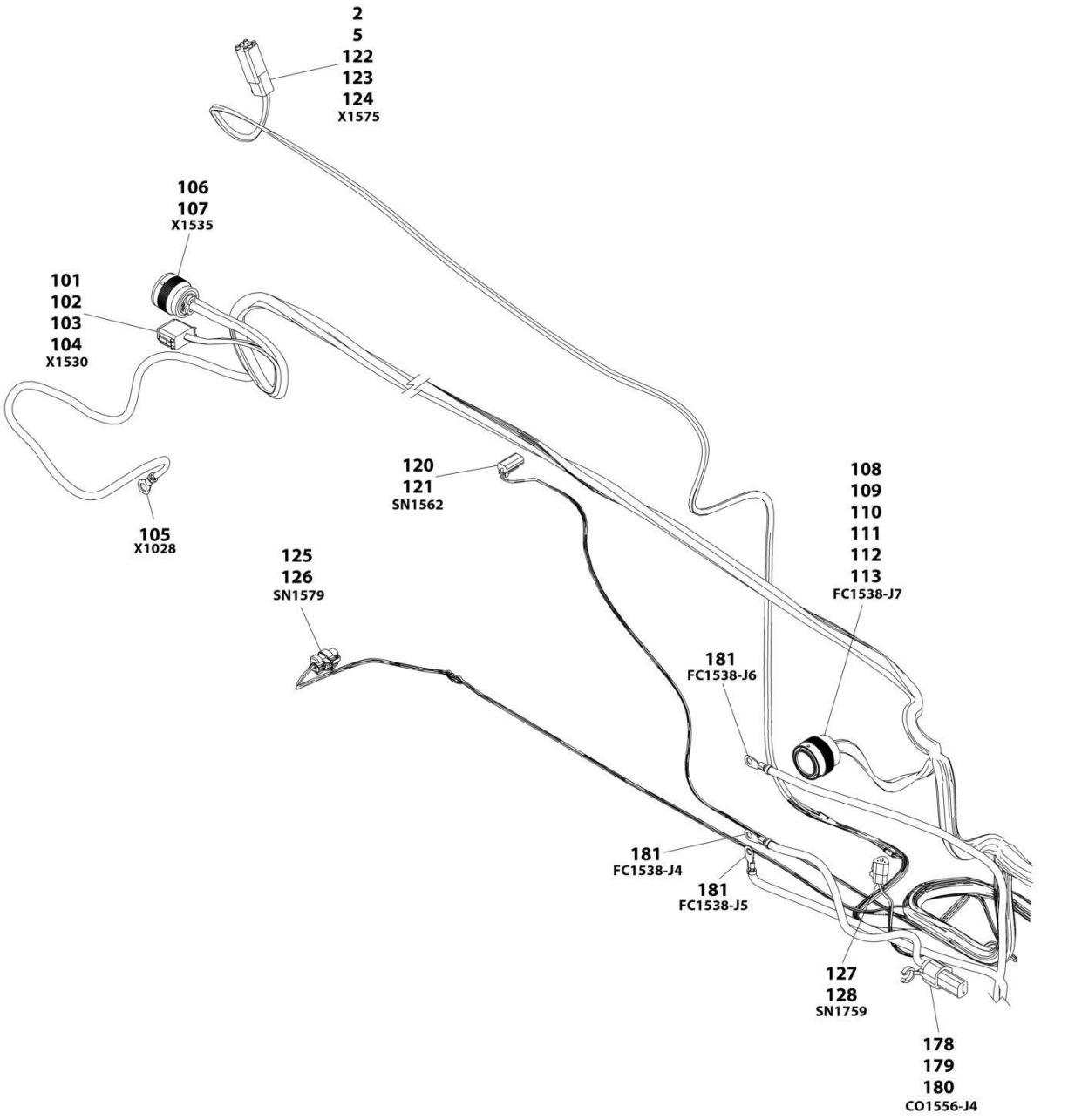
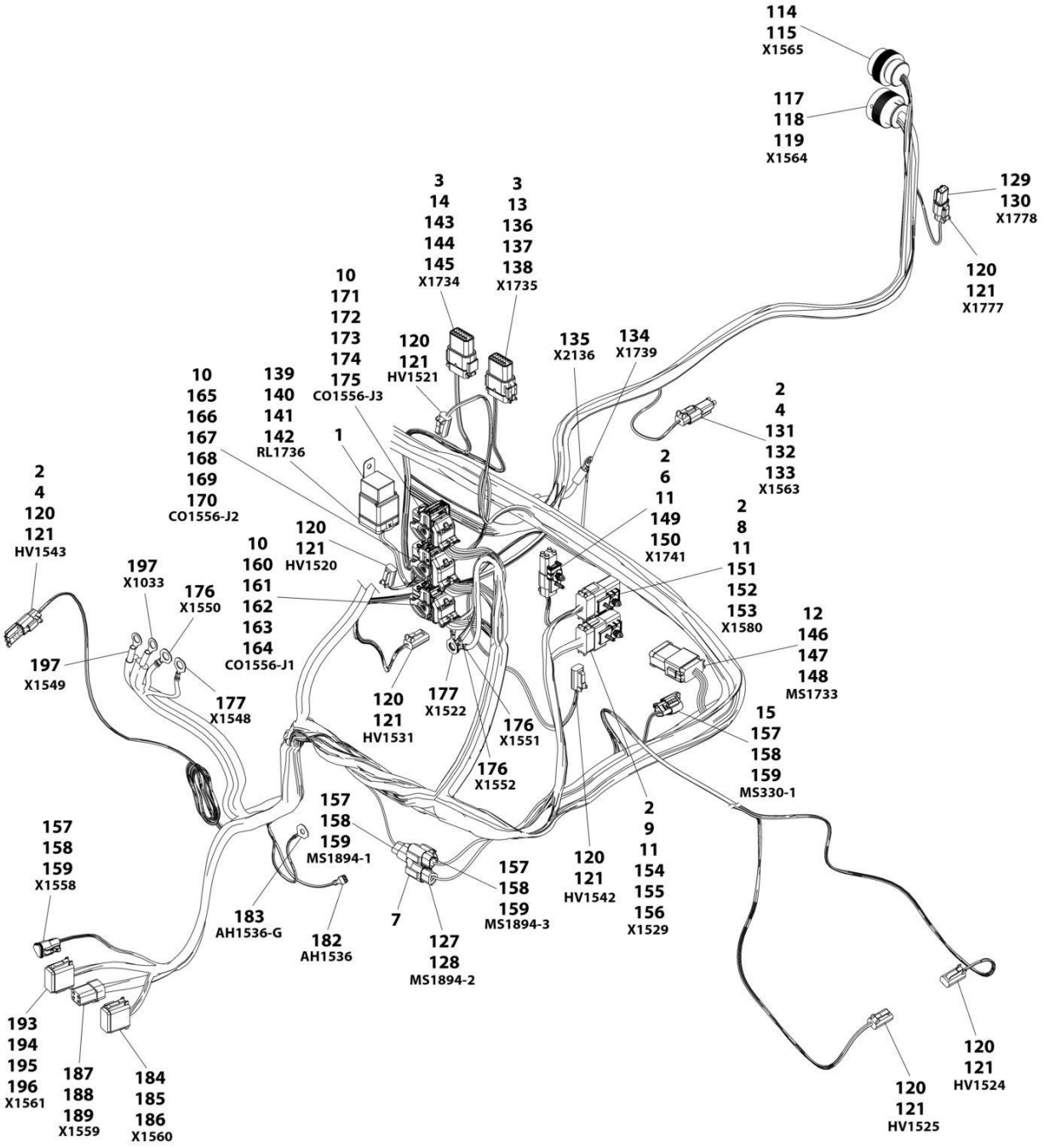


FIGURE 10-64. FRAME - WIRING INSTALLATION (110HP) (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192304	Ref	FRAME WIRING INSTALLATION (110HP) (LS)	M
1	0761007	2	Bolt M10 x 14	
2	4812000	2	Washer M10	
4	1001008559	20	Strap, Tie	
5	1001146588	13	Strap, Tie	
6	1001203053	1	Cable, Battery Negative	
7	1001170566	1	Cable, Battery Disconnect to PDM	
8	1001200082	1	Cable, PDM to Grid Heater	
9	1001203052	1	Cable, Battery + to Battery Disconnect	
10	1001281268	1	Harness, Frame (See Separate Breakdown in this Section)	
11	1001266970	1	Harness, Rear Frame (See Separate Breakdown in this Section)	
12	8406201	1	Clip, Wire and Tube	
14	0761010	1	Bolt M10 x 20	
15	1001202986	8	Strap, Tie	
16	3291005	1	Nut M10 x 1.5	
17	0760608	1	Bolt M6 x 16	
18	4811700	1	Washer M6	
19	4871700	1	Washer M6	

FIGURE 10-65. FRAME HARNESS - FRONT





ART_1001281268_A_2OF2

FIGURE 10-65. FRAME HARNESS - FRONT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281268	Ref	FRONT FRAME HARNESS	A
1	3740080	1	Relay	
3	4460518	34	Terminal	
4	4460897	2	Connector	
4	1001144295	2	Connector	
5	4460899	1	Connector	
5	1001213448	1	Connector	
6	4460932	1	Connector	
6	1001192401	1	Connector	
7	4460945	1	Receptacle, 3 - Way	
8	4460950	1	Connector	
8	1001215898	1	Connector	
10	1001008559	3	Tie-Strap	
11	1001121172	3	Bracket, Mounting	
11	1001306315	1	Bracket, Mounting	
12	1001125677	1	Bus Bar	
13	1001132169	1	Connector	
14	1001132170	1	Connector	
15	1001144296	1	Cap	
101	4460933	1	Connector	
102	4460465	4	Terminal	
103	4460942	2	Terminal	
104	4460466	6	Plug	
105	1001187076	1	Connector	
106	1001165310	1	Connector	
107	91013192	2	Terminal	
108	1001165309	1	Connector	
109	4460466	2	Plug	
110	4460465	8	Terminal	
111	4460942	3	Terminal	
112	4460509	3	Terminal	
113	1001150611	3	Terminal	
114	4461015	1	Connector	
114	1001201080	1	Connector	
115	4460465	14	Terminal	
117	1001118323	1	Connector	
118	4460942	4	Terminal	
119	91013192	2	Terminal	
120	4460891	8	Connector	
121	4460465	16	Terminal	
122	4460894	1	Connector	
123	4460465	2	Terminal	
124	4460942	4	Terminal	
125	1001116950	1	Connector	
126	4460465	2	Terminal	
127	4460539	2	Connector	
128	4460465	6	Plug	
129	4460897	1	Connector	
130	4460464	2	Terminal	
131	4460891	1	Connector	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
132	4460942	1	Terminal	
133	4460465	1	Terminal	
134	1001207173	1	Connector	
135	8220116	1	Connector	
136	1001116774	1	Connector	
137	4460518	10	Plug	
138	1001126008	2	Terminal	
139	1001231398	1	Connector	
140	1001231400	4	Terminal	
140	1001231399	4	Terminal	
141	1001231406	1	Plug	
142	1001231404	4	Seal	
143	1001116808	1	Connector	
144	4460518	9	Plug	
145	1001126008	3	Terminal	
146	4460933	1	Connector	
147	4460465	10	Terminal	
148	4460466	2	Terminal	
149	4460884	1	Connector	
150	4460465	4	Terminal	
151	4460836	1	Connector	
152	4460465	7	Terminal	
153	4460466	5	Plug	
154	4460933	1	Connector	
155	4460942	10	Terminal	
156	4460466	2	Terminal	
157	1001116812	4	Connector	
158	4460944	8	Terminal	
159	4460466	4	Terminal	
160	1001161957	1	Connector	
161	1001161097	19	Terminal	
162	1001161100	5	Plug	
163	1001161101	7	Plug	
164	1001161098	1	Terminal	
165	1001161963	1	Connector	
166	1001161097	17	Terminal	
167	1001161100	23	Plug	
168	1001161098	1	Terminal	
169	1001161099	5	Terminal	
170	1001161101	2	Plug	
171	1001160500	1	Connector	
172	1001161100	15	Plug	
173	1001161097	9	Terminal	
174	1001161099	7	Terminal	
175	1001161101	1	Plug	
176	1001187080	3	Connector	
177	1001187079	2	Connector	
178	1001160509	1	Connector	
179	1001160510	1	Terminal	
180	1001175267	1	Seal	
181	1001187075	3	Connector	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
182	8220051	1	Connector	
183	1001211775	1	Connector	
184	4460933	1	Connector	
185	4460465	8	Terminal	
186	4460466	4	Plug	
187	1001116810	1	Connector	
188	4460509	1	Terminal	
189	1001150611	3	Terminal	
193	4460836	1	Connector	
194	4460942	1	Terminal	
195	4460465	10	Terminal	
196	4460466	1	Terminal	
197	1001128127	2	Connector	

FIGURE 10-66. FRAME HARNESS - REAR (74HP)

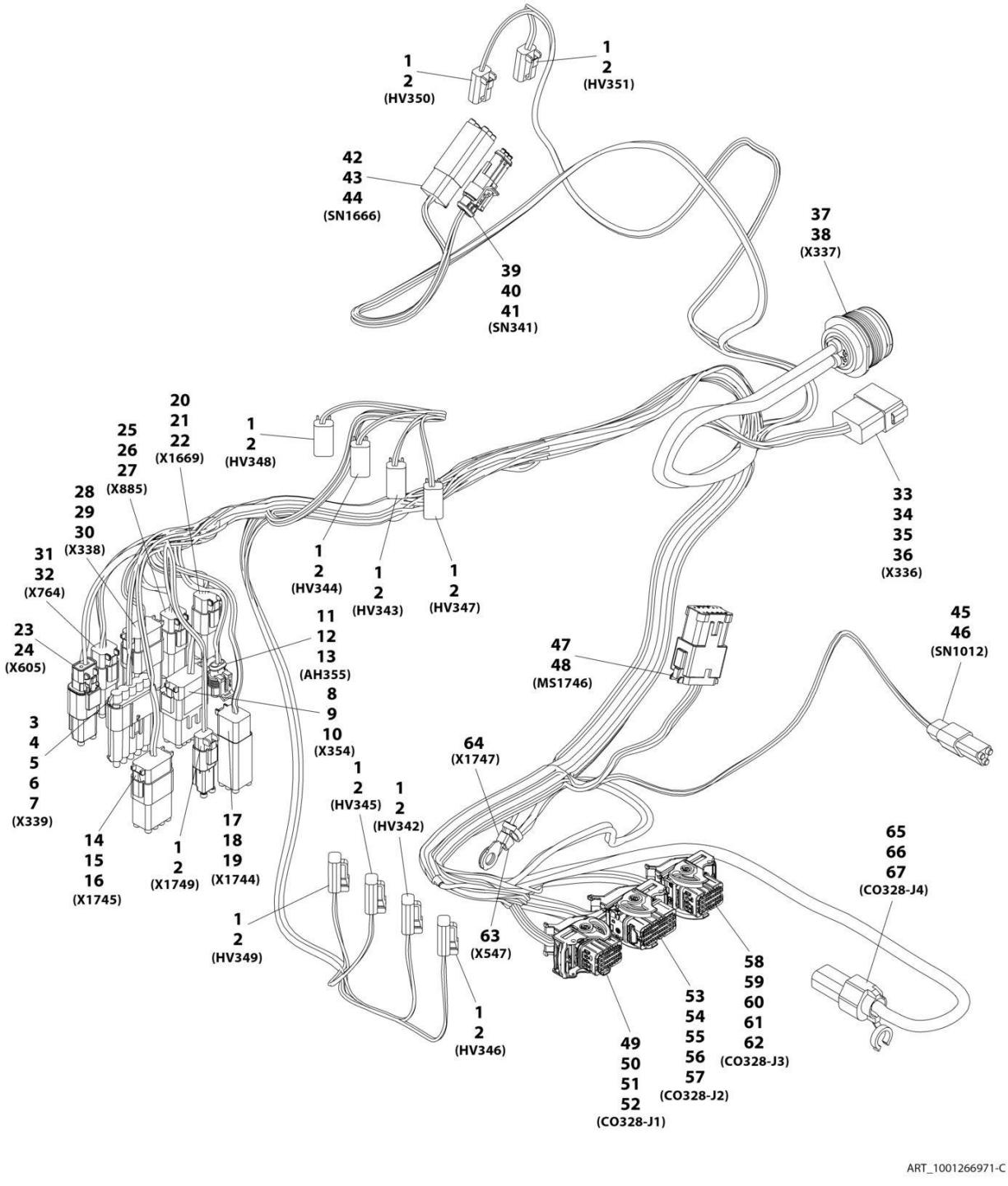


FIGURE 10-66. FRAME HARNESS - REAR (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266971	Ref	REAR FRAME HARNESS (9/10)	C
1	4460891	1	Connector	
2	4460465	2	Terminal	
3	1001121726	1	Connector	
4	1001116728	3	Terminal	
5	1001116727	2	Plug	
6	1001175265	2	Seal	
7	4460458	1	Seal	
8	4460933	1	Connector	
9	4460942	10	Terminal	
10	4460466	2	Plug	
11	4461118	1	Connector	
12	1001107854	2	Terminal	
13	1001116763	2	Seal	
14	4460930	1	Connector	
15	4460465	6	Terminal	
16	4460466	2	Plug	
17	4460894	1	Connector	
18	4460465	3	Terminal	
19	4460466	3	Plug	
20	4460884	1	Connector	
21	4460465	3	Terminal	
22	4460466	1	Plug	
23	4461018	1	Connector	
24	4460509	2	Terminal	
25	4460884	1	Connector	
26	4460465	2	Terminal	
27	4460466	2	Plug	
28	4460930	1	Connector	
29	4460466	6	Plug	
30	4460465	2	Terminal	
31	4460884	1	Connector	
32	4460465	4	Terminal	
33	4460970	1	Connector	
34	4460464	5	Terminal	
35	4460941	1	Terminal	
36	4460466	6	Plug	
37	1001165311	1	Connector	
38	91013191	2	Terminal	
39	4461262	1	Connector	
40	1001107854	3	Terminal	
41	1001114498	3	Seal	
42	4460894	1	Connector	
43	4460465	4	Terminal	
44	4460466	2	Plug	
45	4460539	1	Connector	
46	4460465	3	Terminal	
47	4460933	1	Connector	
48	4460465	12	Terminal	
49	1001161957	1	Connector	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	1001161097	7	Terminal	
51	1001161100	17	Plug	
52	1001161101	8	Plug	
53	1001161963	1	Connector	
54	1001161097	27	Terminal	
55	1001161100	13	Plug	
56	1001161099	5	Terminal	
57	1001161101	3	Plug	
58	1001160500	1	Connector	
59	1001161100	20	Plug	
60	1001161097	4	Terminal	
61	1001161099	7	Terminal	
62	1001161101	1	Plug	
63	1001187076	1	Connector	
64	1001187078	1	Terminal Ring	
65	1001160509	1	Connector	
66	1001160510	1	Terminal	
67	1001175267	1	Seal	

FIGURE 10-67. FRAME HARNESS - REAR (110HP)

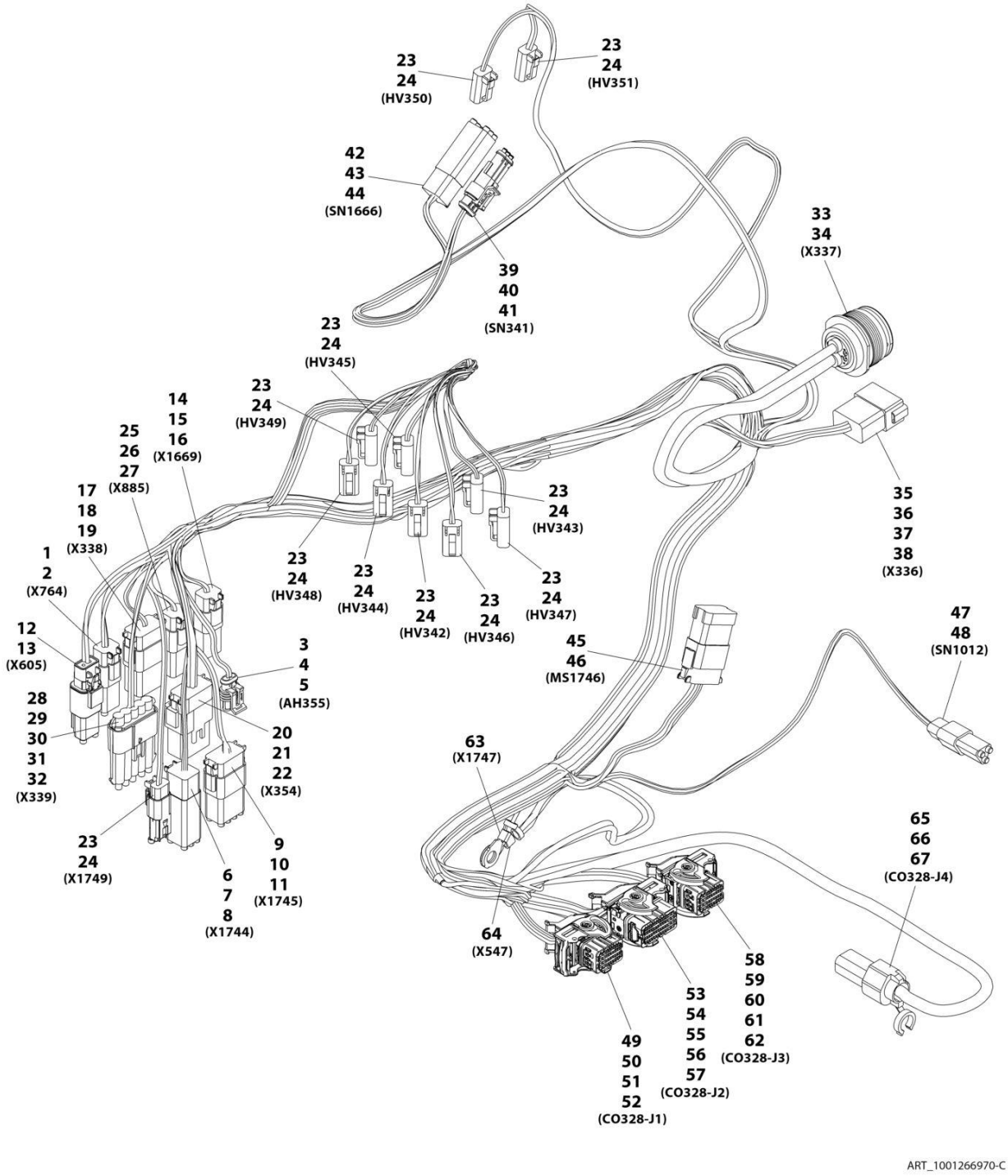


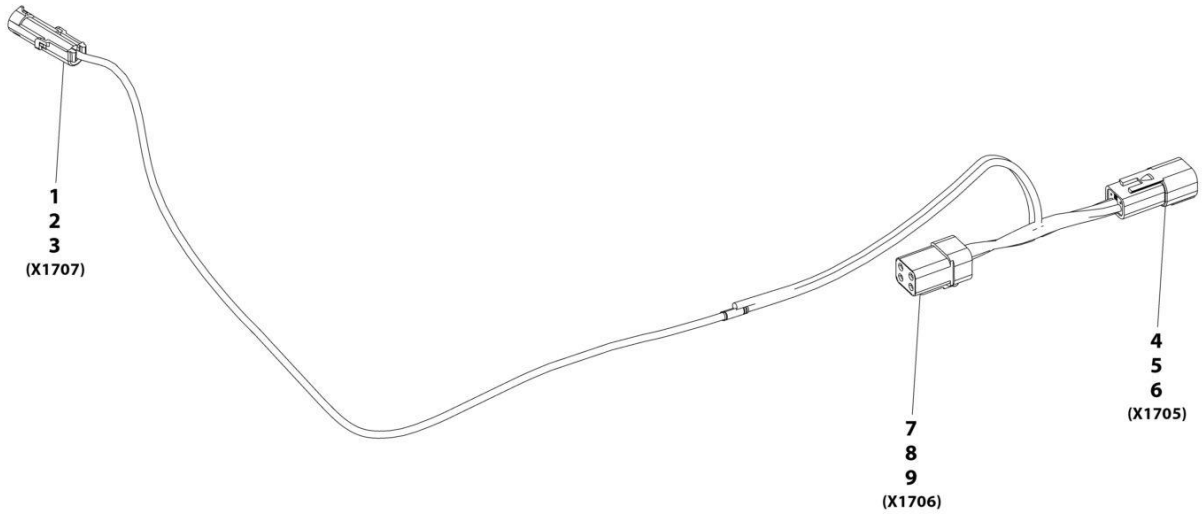
FIGURE 10-67. FRAME HARNESS - REAR (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266970	Ref	REAR FRAME HARNESS (6)	C
1	4460884	1	Connector	
2	4460465	4	Terminal	
3	4461118	1	Connector	
4	1001107854	2	Terminal	
5	1001116763	2	Seal	
6	4460894	1	Connector	
7	4460465	3	Terminal	
8	4460466	3	Plug	
9	4460930	1	Connector	
10	4460465	6	Terminal	
11	4460466	2	Plug	
12	4461018	1	Connector	
13	4460509	2	Terminal	
14	4460884	1	Connector	
15	4460465	3	Terminal	
16	4460466	1	Plug	
17	4460930	1	Connector	
18	4460466	6	Plug	
19	4460465	2	Terminal	
20	4460933	1	Connector	
21	4460942	10	Terminal	
22	4460466	2	Plug	
23	4460891	1	Connector	
24	4460465	2	Terminal	
25	4460884	1	Connector	
26	4460465	2	Terminal	
27	4460466	2	Plug	
28	1001121726	1	Connector	
29	1001116728	3	Terminal	
30	1001116727	2	Plug	
31	1001175265	2	Seal	
32	4460458	1	Seal	
33	1001165311	1	Connector	
34	91013191	2	Terminal	
35	4460970	1	Connector	
36	4460464	5	Terminal	
37	4460941	1	Terminal	
38	4460466	6	Plug	
39	4461262	1	Connector	
40	1001107854	3	Terminal	
41	1001114498	3	Seal	
42	4460894	1	Connector	
43	4460465	4	Terminal	
44	4460466	2	Plug	
45	4460933	1	Connector	
46	4460465	12	Terminal	
47	4460539	1	Connector	
48	4460465	3	Terminal	
49	1001161957	1	Connector	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	1001161097	7	Terminal	
51	1001161100	17	Plug	
52	1001161101	8	Plug	
53	1001161963	1	Connector	
54	1001161097	27	Terminal	
55	1001161100	13	Plug	
56	1001161099	5	Terminal	
57	1001161101	3	Plug	
58	1001160500	1	Connector	
59	1001161100	20	Plug	
60	1001161097	4	Terminal	
61	1001161099	7	Terminal	
62	1001161101	1	Plug	
63	1001187078	1	Terminal Ring	
64	1001187076	1	Connector	
65	1001160509	1	Connector	
66	1001160510	1	Terminal	
67	1001175267	1	Seal	

FIGURE 10-68. HEATER HARNESS - CUMMINS BREATHER (74HP) (ULS)



ART_1001237171-A

FIGURE 10-68. HEATER HARNESS - CUMMINS BREATHER (74HP) (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237171	Ref	Cummins Breather Heater Harness	A
1	80963056	1	Connector	
2	4460850	1	Terminal	
3	80963067	1	Seal	
4	1001116811	1	Connector	
5	4460508	3	Terminal	
6	1001150610	1	Terminal	
7	1001116810	1	Connector	
8	4460509	3	Terminal	
9	1001150611	1	Terminal	

FIGURE 10-69. HEATER HARNESS - CUMMINS BREATHER (110HP) (ULS)

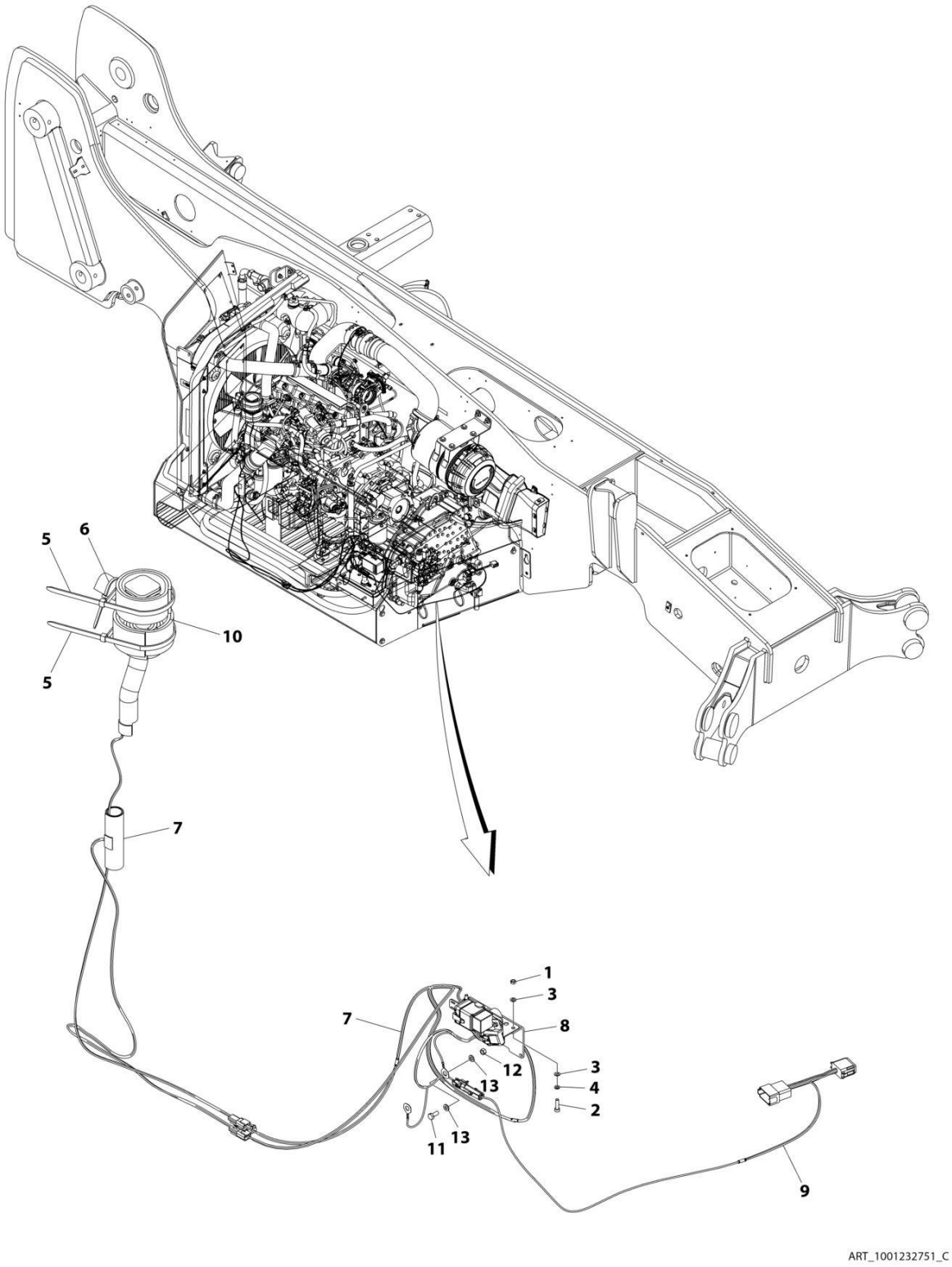


FIGURE 10-69. HEATER HARNESS - CUMMINS BREATHER (110HP) (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232751	Ref	Heater Breather - 110 HP	C
1	3290501	2	Nut, M5X0.8	
2	4031608	2	Screw, M5X20	
3	4811600	4	Washer, M5	
4	4831600	2	Washer, Lock M5	
5	01043892	2	Strap, Tie	
6	86683122	1	Strap, Tie	
7	1001232439	1	Engine, Cummins Breather Kit	
8	1001253331	1	Bracket	
9	1001232556	1	Harness, Cummins Heater Jump	
10	1001232624	1	Insulate, Cummins Insulation	
11	0760607	1	Bolt, M6X1	
12	3290601	1	Nut, M6X1	
13	4811700	2	Washer, M6	

FIGURE 10-70. HEATER HARNESS - FUEL FILTER

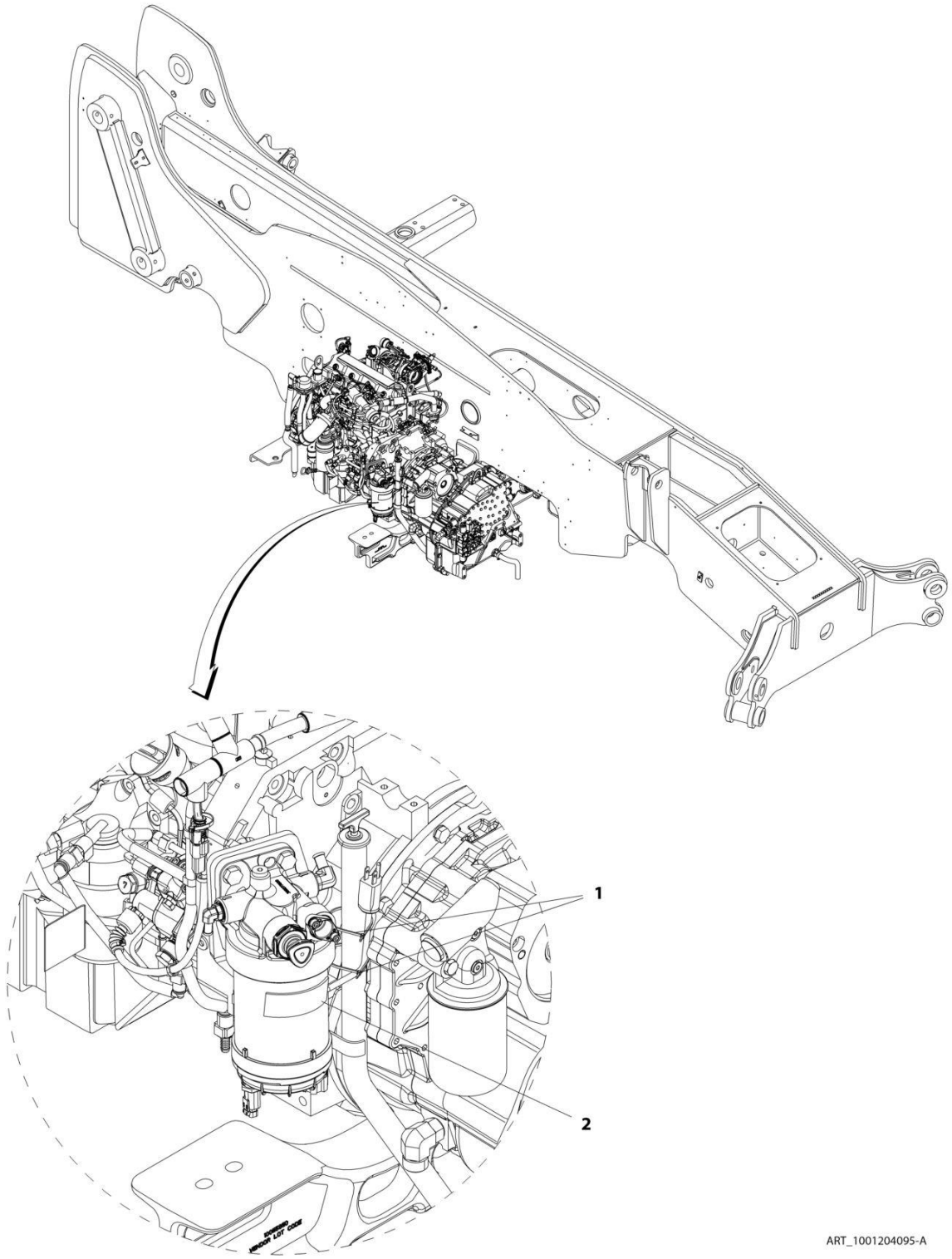


FIGURE 10-70. HEATER HARNESS - FUEL FILTER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204095	Ref	Fuel Filter Heater Installation	A
1	4240099	2	Strap, Tie	
2	1001202498	1	Pad	

FIGURE 10-71. HEATER HARNESS - HYDRAULIC TANK

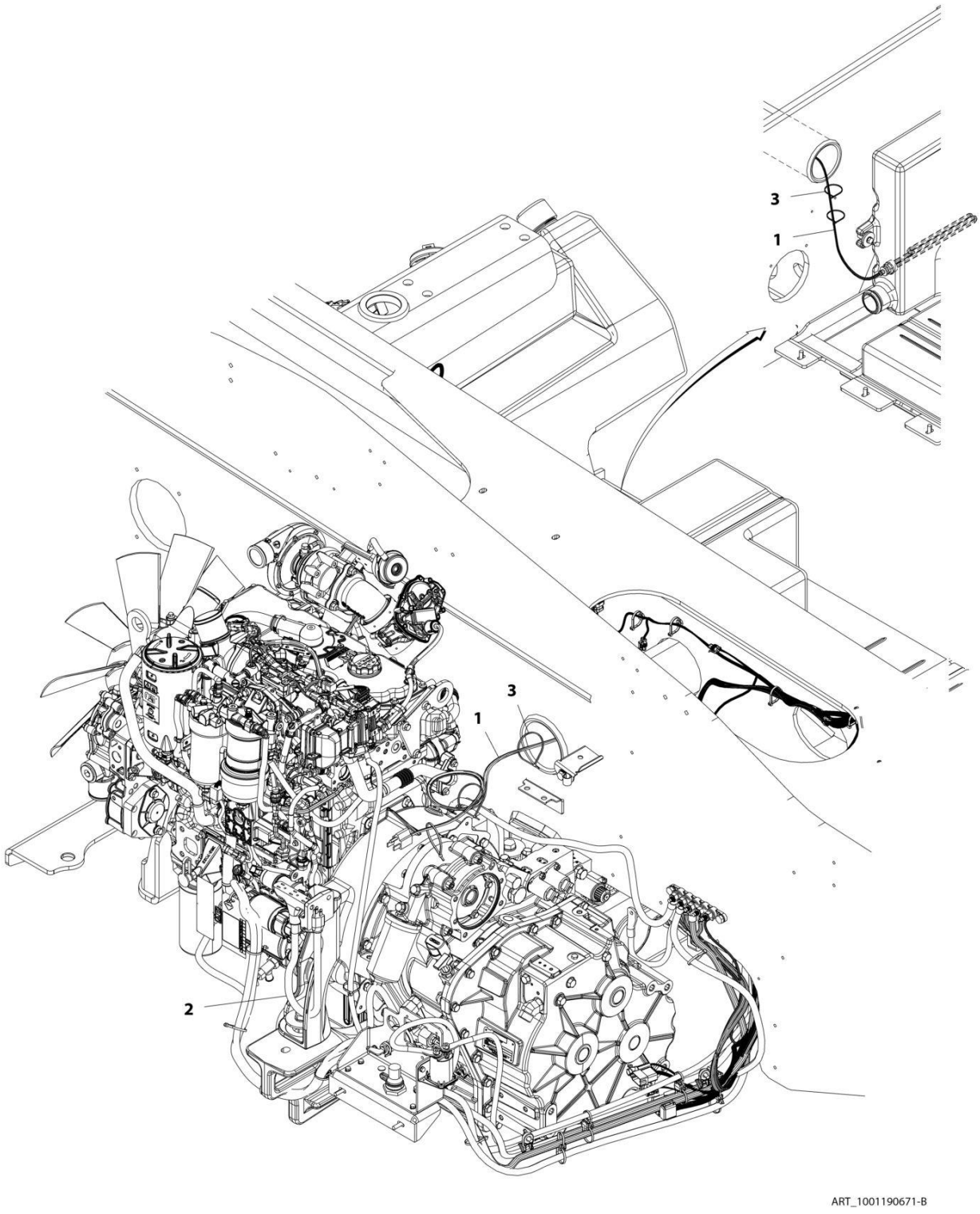


FIGURE 10-71. HEATER HARNESS - HYDRAULIC TANK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190671	Ref	Hydraulic Tank Heater Installation	B
1	1001105886	1	Heater, Immersion	
2	1060626	1	Cord, 3-Way Extension	
3	4240099	5	Strap, Tie	

FIGURE 10-72. HVAC ACTUATOR HARNESS

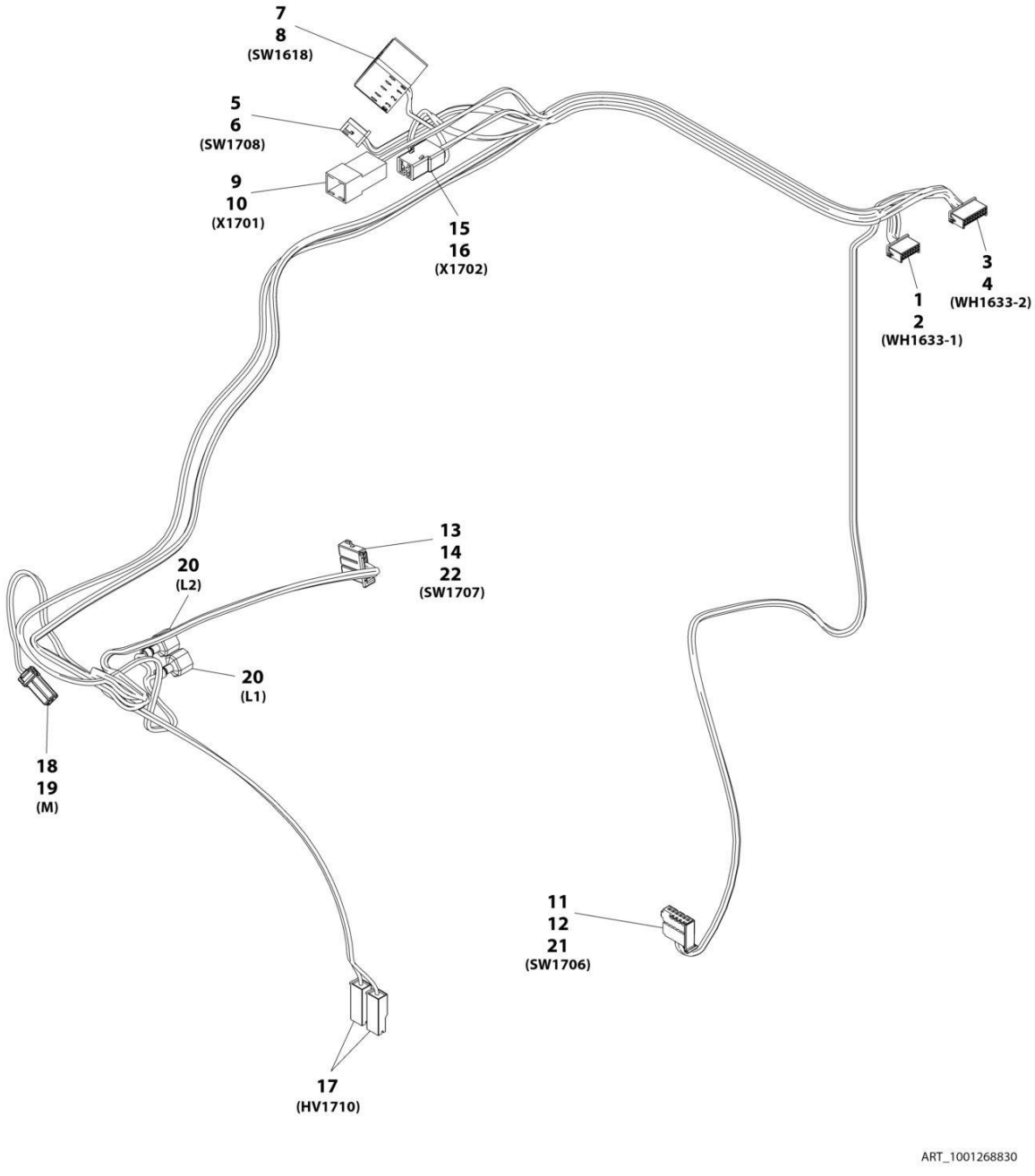


FIGURE 10-72. HVAC ACTUATOR HARNESS

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 10-73. JOYSTICK HARNESS

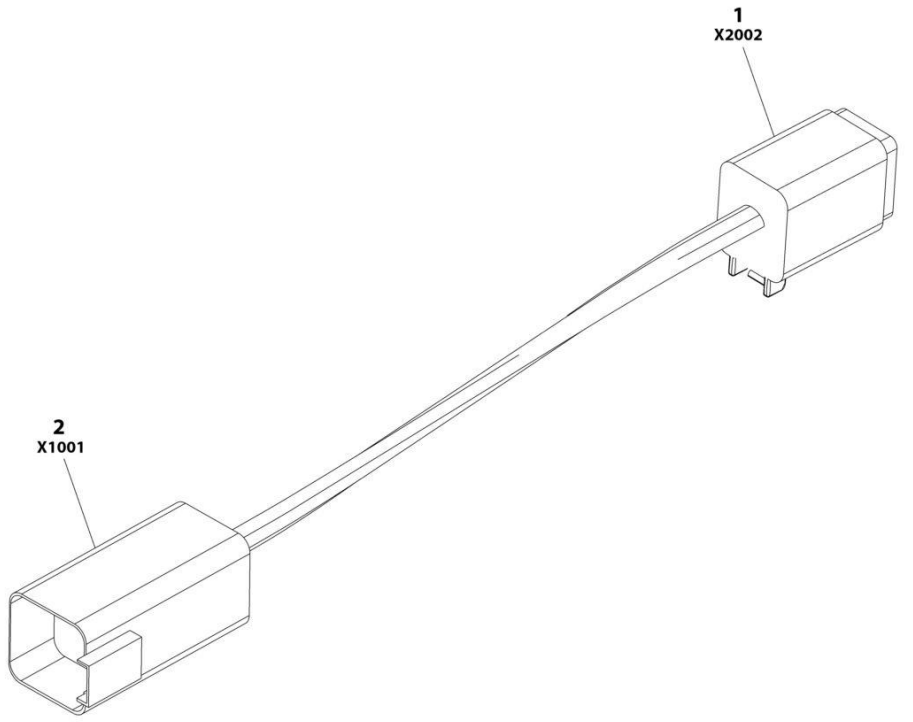


FIGURE 10-73. JOYSTICK HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001297247	Ref	BOSCH JOYSTICK HARNESS	A
1	4460894	1	Connector	
2	4460899	2	Connector	

FIGURE 10-74. LIGHTS - BOOM WORK LIGHTS SWITCH/HARNESS INSTALLATION (LED)

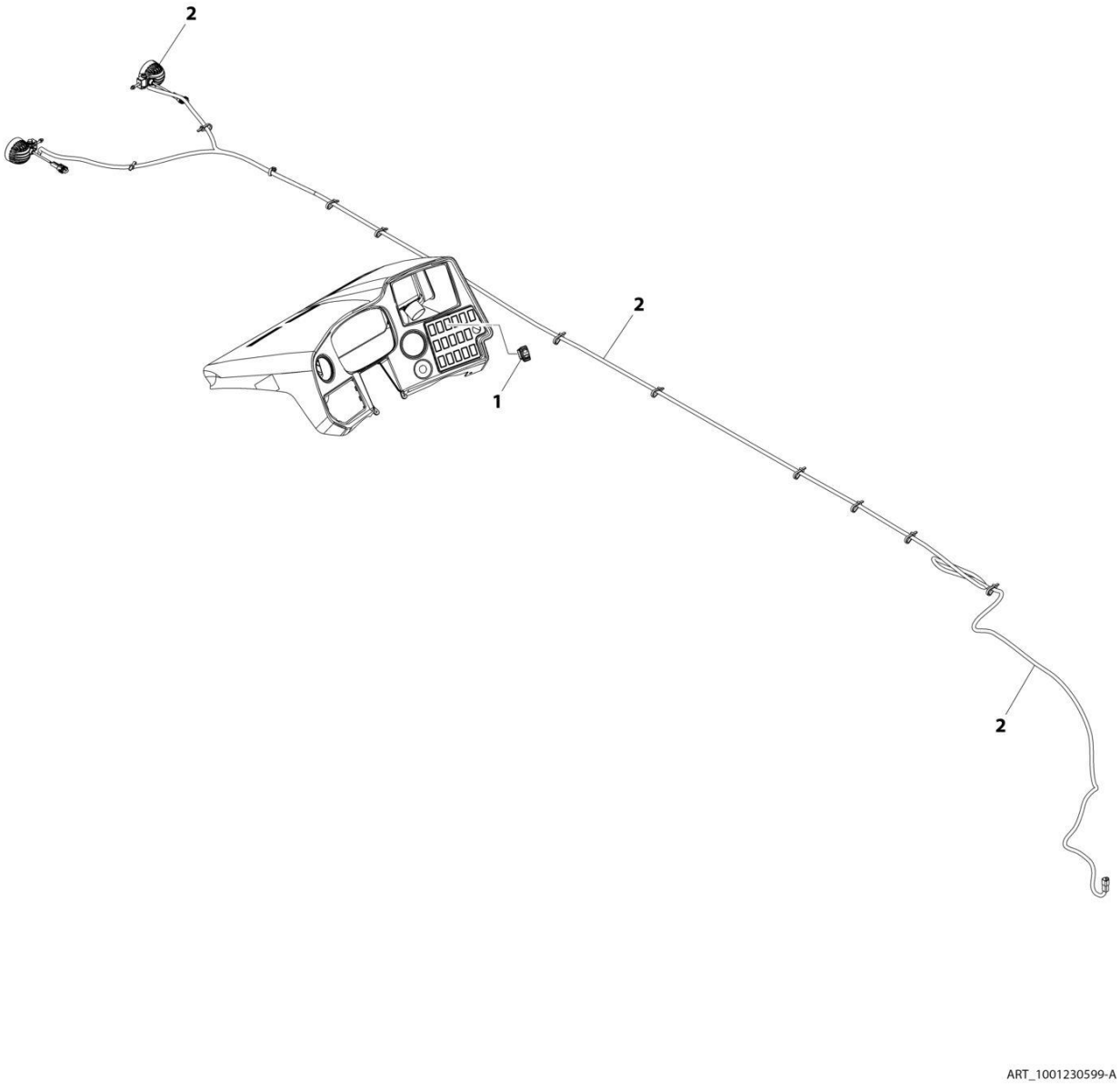


FIGURE 10-74. LIGHTS - BOOM WORK LIGHTS SWITCH/HARNESS INSTALLATION (LED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230599	Ref	Boom Work Lights Installation	A
1	1001159739	1	Switch, Boom Work Lights	
2	1001230623	1	Installation, Boom LED Work Lights (See Separate Breakdown in this Section)	

FIGURE 10-75. LIGHTS - BOOM WORK LIGHTS INSTALLATION (LED)

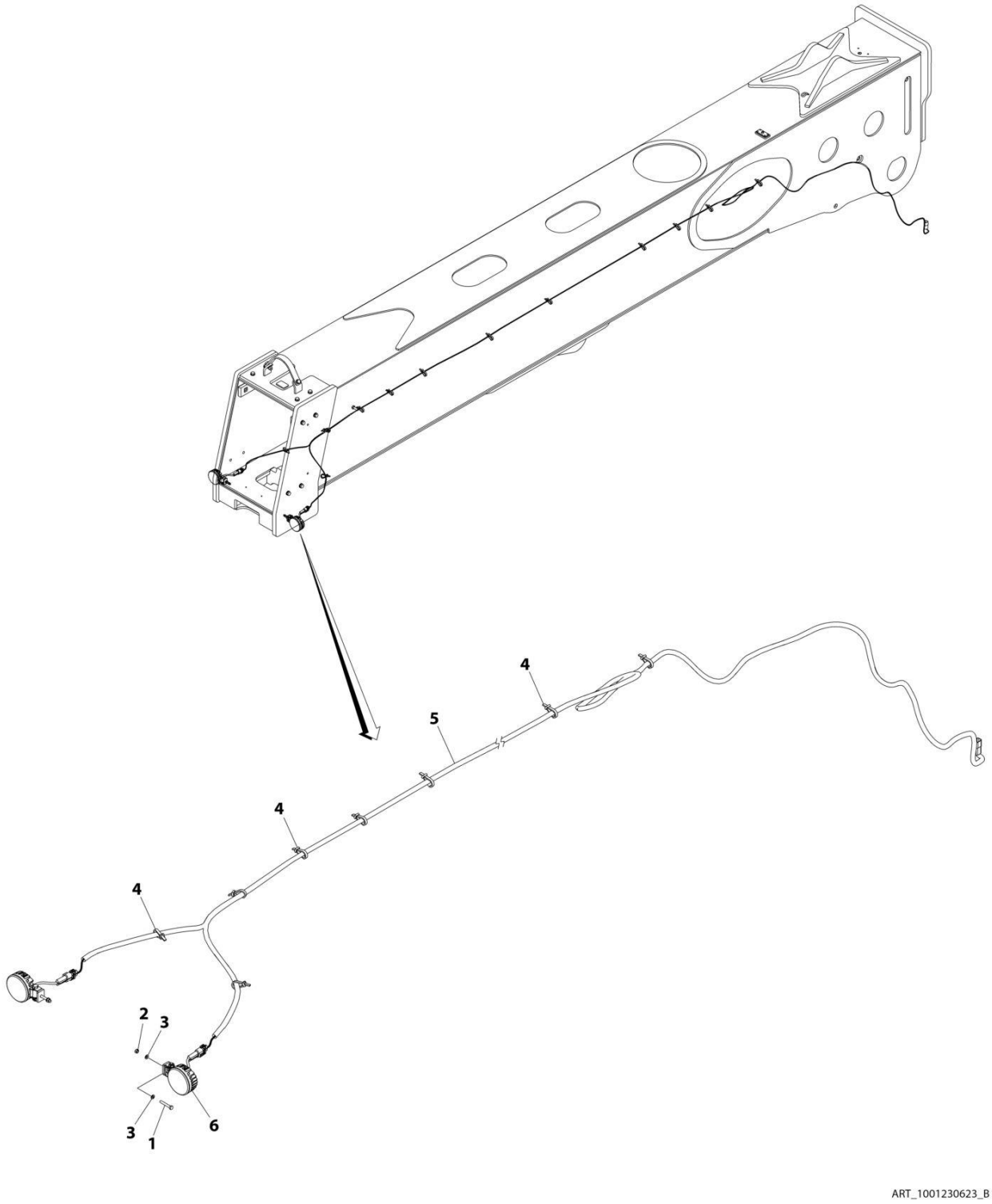


FIGURE 10-75. LIGHTS - BOOM WORK LIGHTS INSTALLATION (LED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230623	Ref	BOOM WORK LIGHTS HARNESS INSTALLATION (LED)	B
1	0700616	2	Bolt M6 x 40	
2	3290601	2	Nut M6	
3	4811700	4	Washer M6	
4	1001008923	AR	Strap, Cable	
5	1001167608	1	Harness, Boom Worklights (See Separate Breakdown in this Section)	
6	1001273635	2	Lamp, LED Work light	

FIGURE 10-76. LIGHTS - BOOM WORK LIGHTS HARNESS

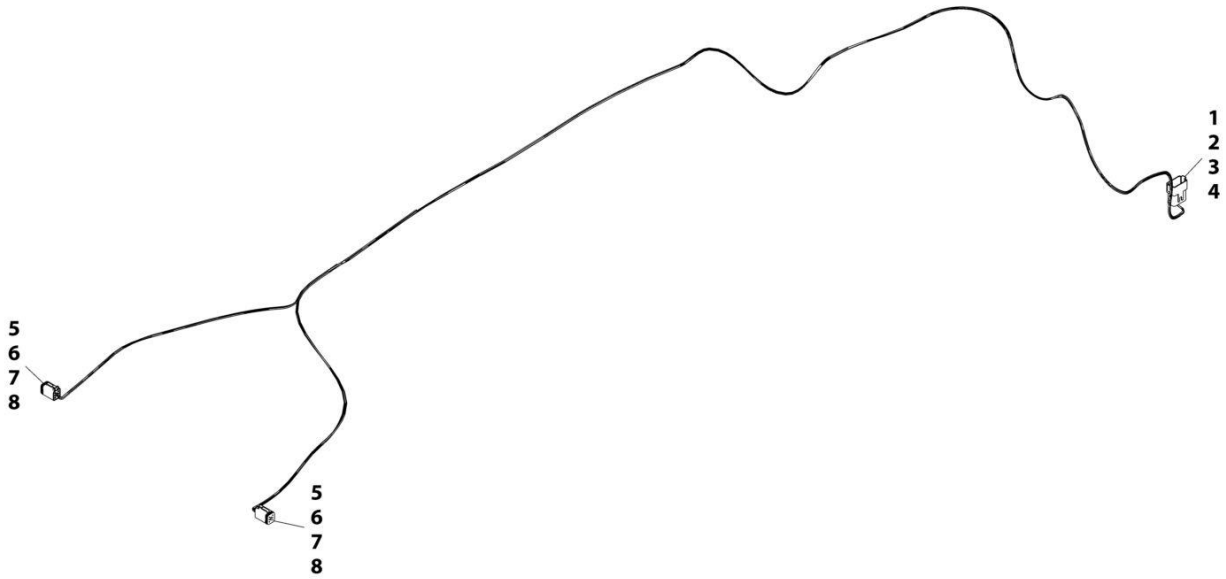


FIGURE 10-76. LIGHTS - BOOM WORK LIGHTS HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167608	Ref	Boom Worklights Harness	E
1	4460932	1	Connector	
2	80604020	1	Lock, Connector	
3	4460464	2	Terminal	
4	4460466	2	Plug	
5	4461115	2	Connector	
6	1001103564	2	Lock, Terminal	
7	1001116728	2	Terminal	
8	4460458	2	Seal	

FIGURE 10-77. LIGHTS - CAB WORK LIGHTS INSTALLATION (NO A/C) (LED)

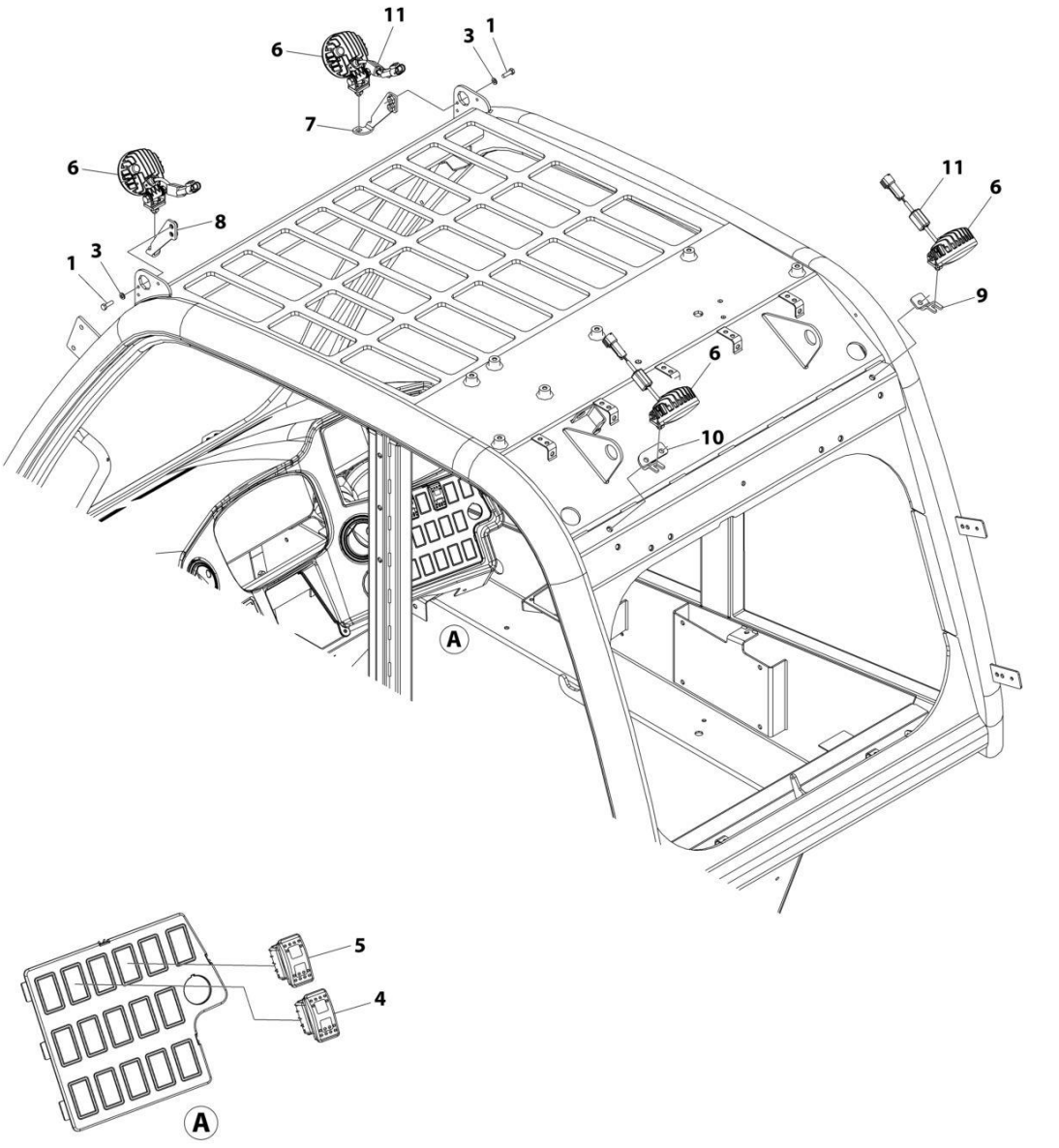


FIGURE 10-77. LIGHTS - CAB WORK LIGHTS INSTALLATION (NO A/C) (LED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200538	Ref	LIGHTS - CAB WORK LIGHTS INSTALLATION (NO A/C) (LED)	E
1	0700610	4	Bolt M6 x 20	
3	4811700	4	Washer M6	
4	1001159845	1	Switch, Front Worklights	
5	1001159846	1	Switch, Rear Worklights	
6	1001273635	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 10-78. LIGHTS - CAB WORK LIGHTS INSTALLATION (A/C) (LED)

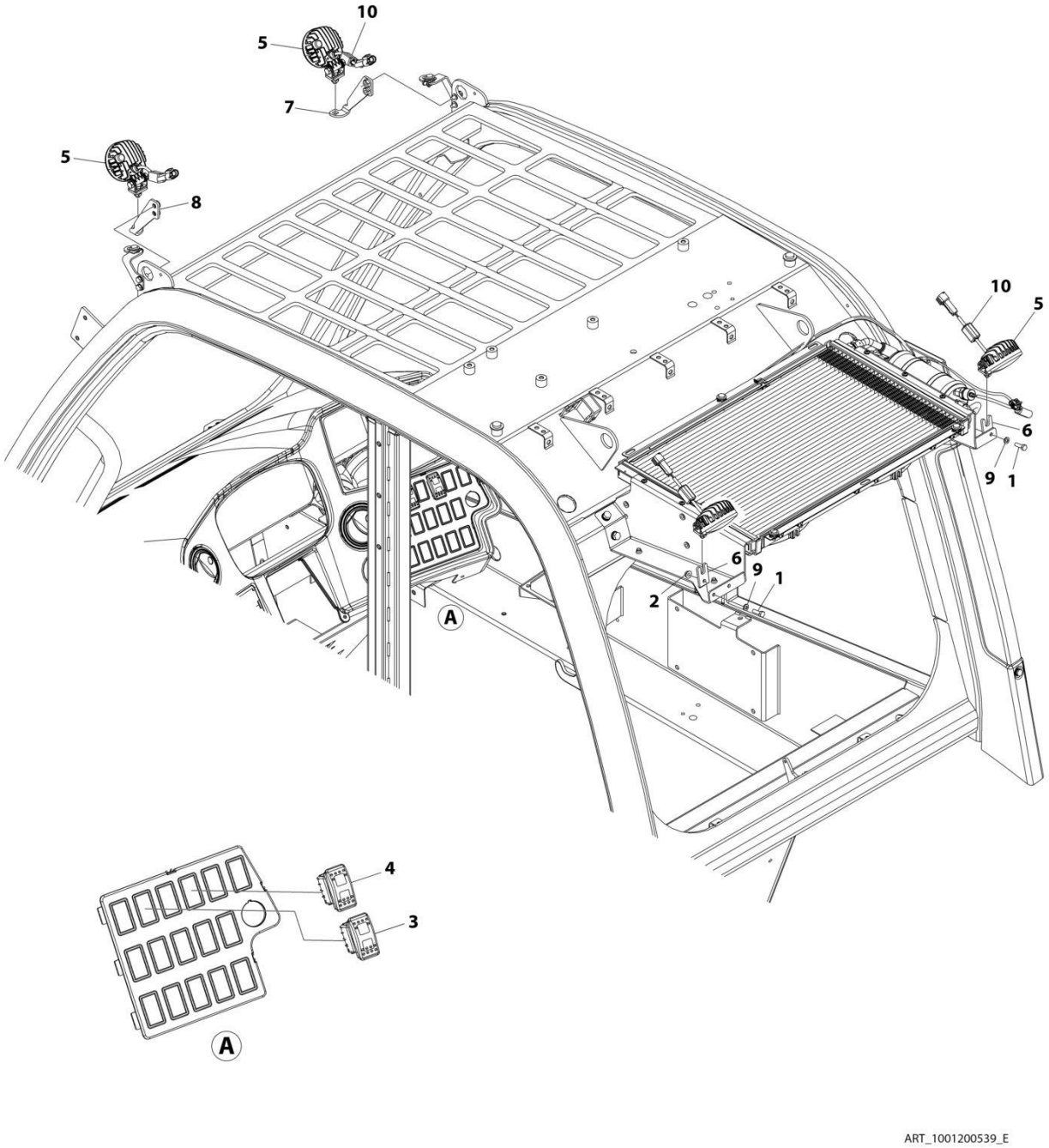


FIGURE 10-78. LIGHTS - CAB WORK LIGHTS INSTALLATION (A/C) (LED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200539	Ref	LIGHTS - CAB WORK LIGHTS INSTALLATION (A/C) (LED)	E
1	0700610	2	Bolt M6 x 20	
2	5220600	2	Nut M6	
3	1001159845	1	Switch, Front Worklights	
4	1001159846	1	Switch, Rear Worklights	
5	1001273635	4	Lamp, LED Worklights	
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 10-79. LIGHTS - ROADLIGHTS INSTALLATION

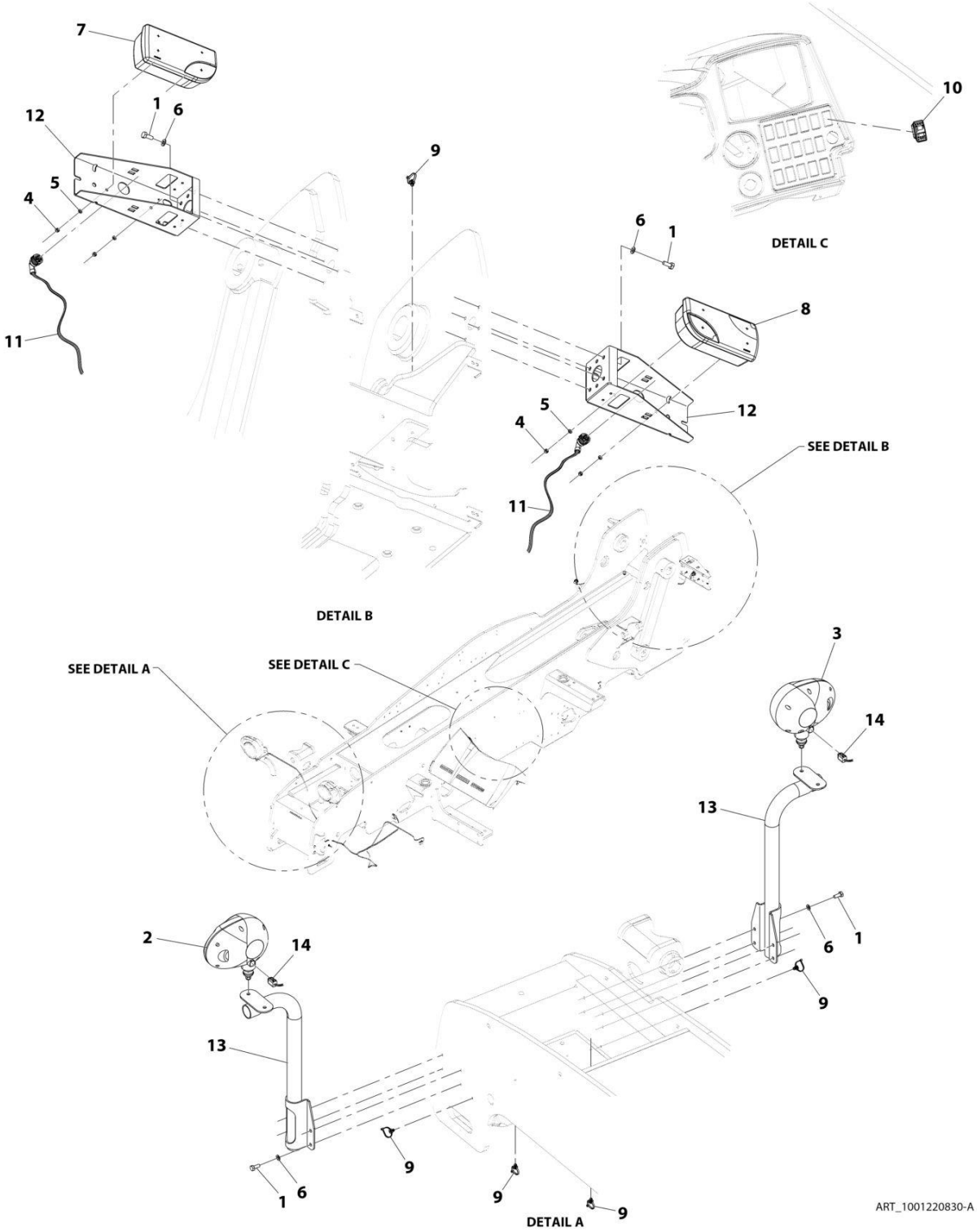


FIGURE 10-79. LIGHTS - ROADLIGHTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220830	Ref	Road Lights Installation	A
1	0761010	16	Bolt, M10X20	
2	2920207	1	Driving Light, LH	
2	7029969	1	Bulb, 4W	
2	7029970	1	Bulb, 55W	
2	7029971	1	Bulb, 21W	
3	2920208	1	Driving Light, RH	
3	7029969	1	Bulb, 4W	
3	7029970	1	Bulb, 55W	
3	7029971	1	Bulb, 21W	
4	3290607	4	Nut, M6X1	
5	4811700	4	Washer, M6	
6	4812000	16	Washer, M10	
7	1001091715	1	Lamp, Rear LH	
7	70021341	1	Bulb, 5W	
7	70021340	1	Bulb, 21W	
7	7029971	1	Bulb, 21W	
8	1001091716	1	Lamp, Rear RH	
8	70021341	1	Bulb, 5W	
8	70021340	1	Bulb, 21W	
8	7029971	1	Bulb, 21W	
9	1001146588	5	Strap, Tie	
10	1001159734	1	Switch, Hazard	
11	1001173092	1	Harness, HBP Tail Lights (See Separate Breakdown in this Section)	
12	1001196100	2	Bracket	
13	1001220817	2	Bracket	
14	1001165360	1	Harness, Front Frame Headlight (See Separate Breakdown in this Section)	

FIGURE 10-80. LIGHTS - ROADLIGHTS HEADLIGHT HARNESS

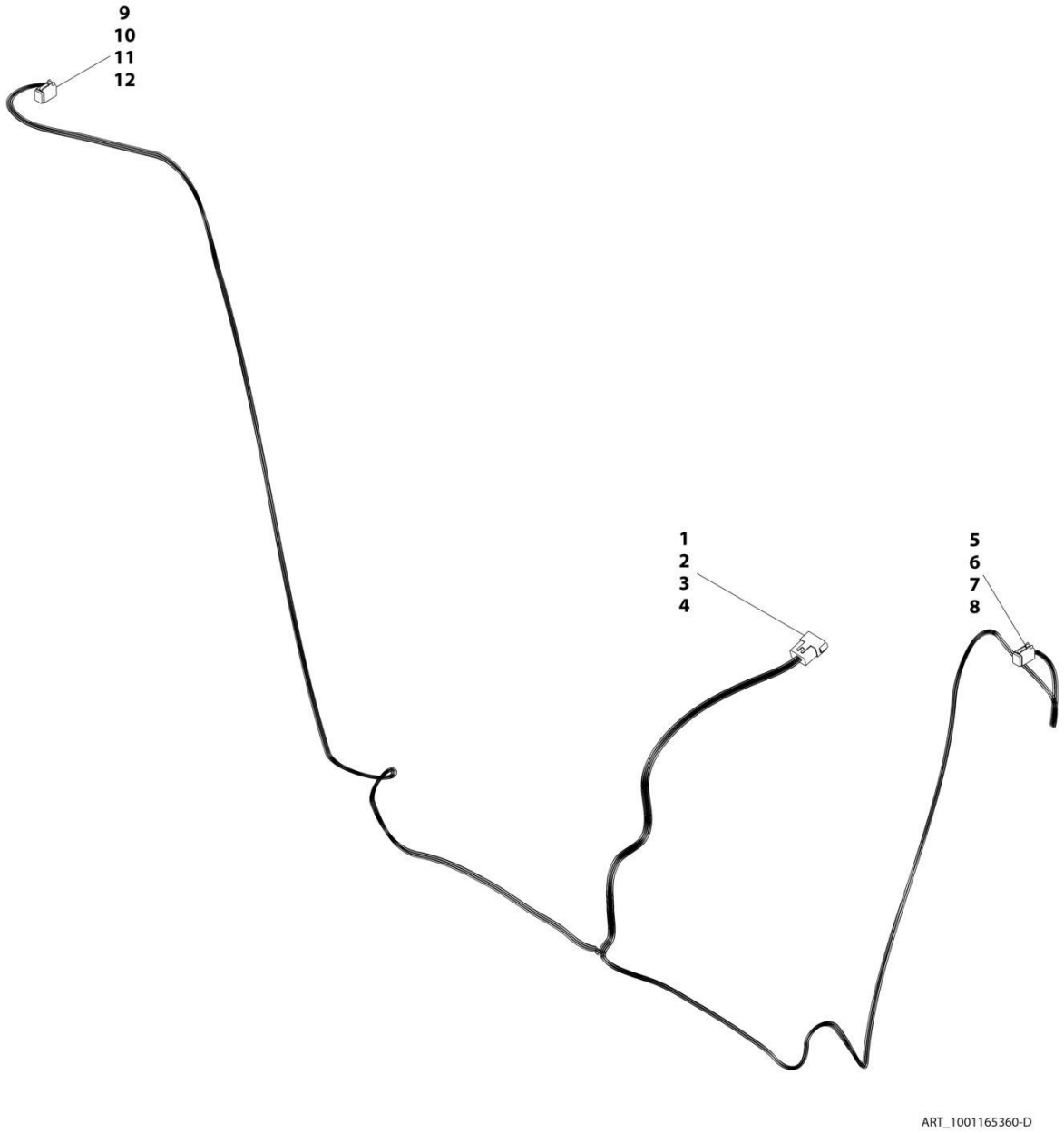


FIGURE 10-80. LIGHTS - ROADLIGHTS HEADLIGHT HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165360	Ref	Front Frame Headlight Harness	D
1	4460970	1	Connector	
2	80363179	1	Lock, Connector	
3	4460941	10	Terminal	
4	4460466	2	Plug	
5	4460894	1	Connector	
6	91504107	1	Lock, Connector	
7	4460942	5	Terminal	
8	4460466	1	Plug	
9	4460894	1	Connector	
10	91504107	1	Lock, Connector	
11	4460942	5	Terminal	
12	4460466	1	Plug	

FIGURE 10-81. LIGHTS - ROADLIGHTS TAILLIGHTS HARNESS

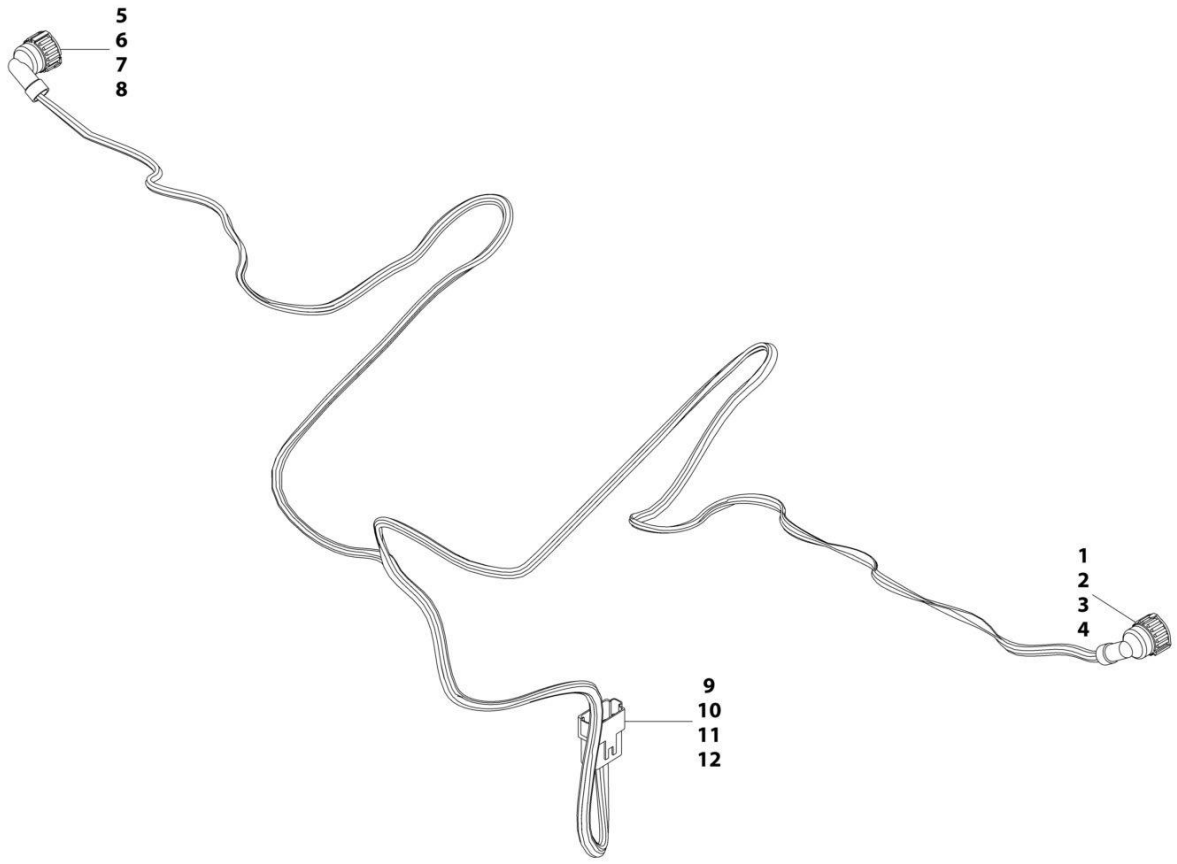


FIGURE 10-81. LIGHTS - ROADLIGHTS TAILLIGHTS HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173092	Ref	HBP Tail Lights Harness	D
1	1001116996	1	Connector	
2	1001118392	5	Terminal	
3	4461054	5	Seal	
4	1001116696	2	Plug	
5	1001116996	1	Connector	
6	1001118392	5	Terminal	
7	4461054	5	Seal	
8	1001116696	2	Plug	
9	4460970	1	Connector	
10	80363179	1	Lock, Connector	
11	4460941	10	Terminal	
12	4460466	2	Plug	

FIGURE 10-82. LIGHTS - SWITCH INSTALLATION

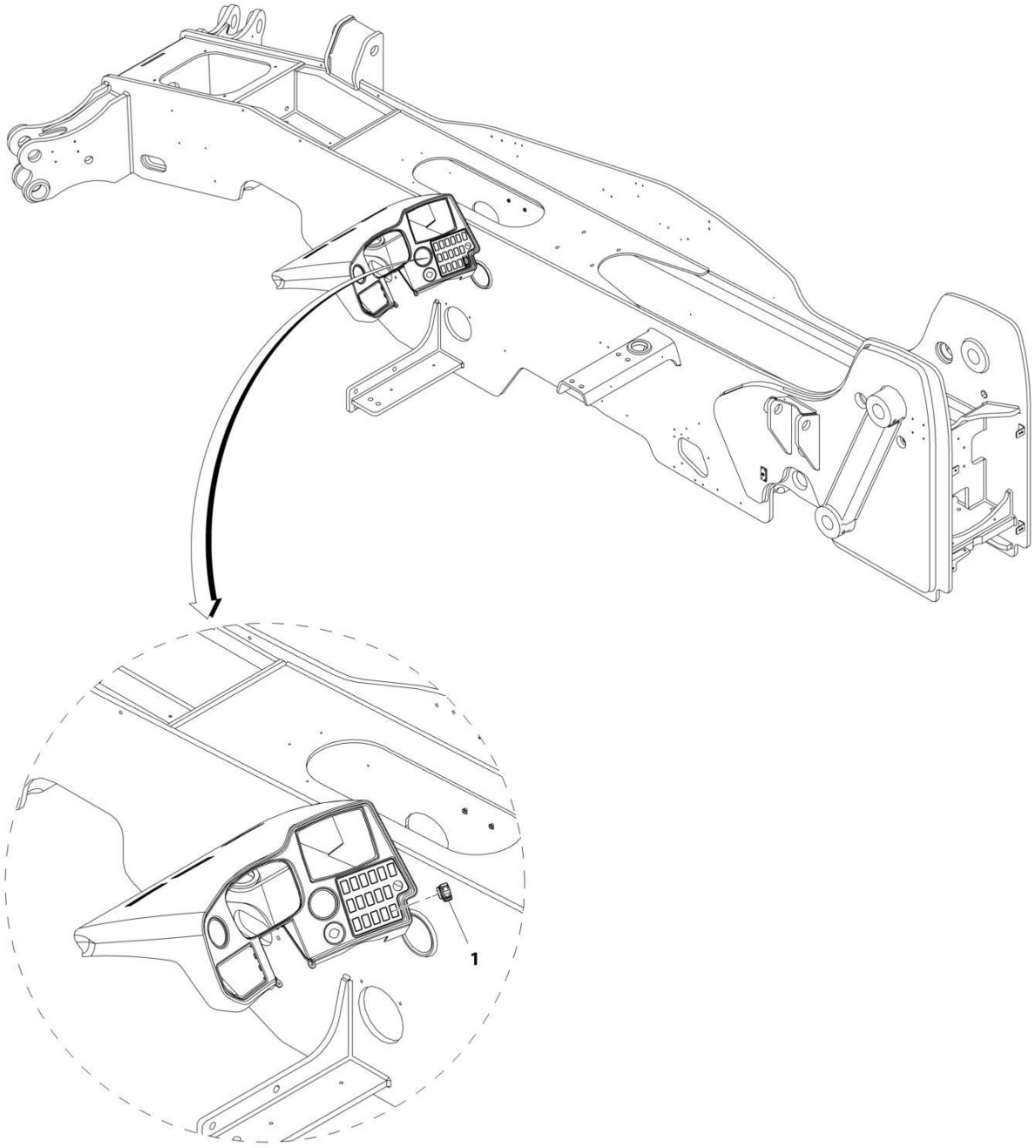


FIGURE 10-82. LIGHTS - SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197282	Ref	Switch Light Installation	A
1	1001163639	1	Switch, Driving Lights	

FIGURE 10-83. LSI HARNESS - BOOM RETRACT

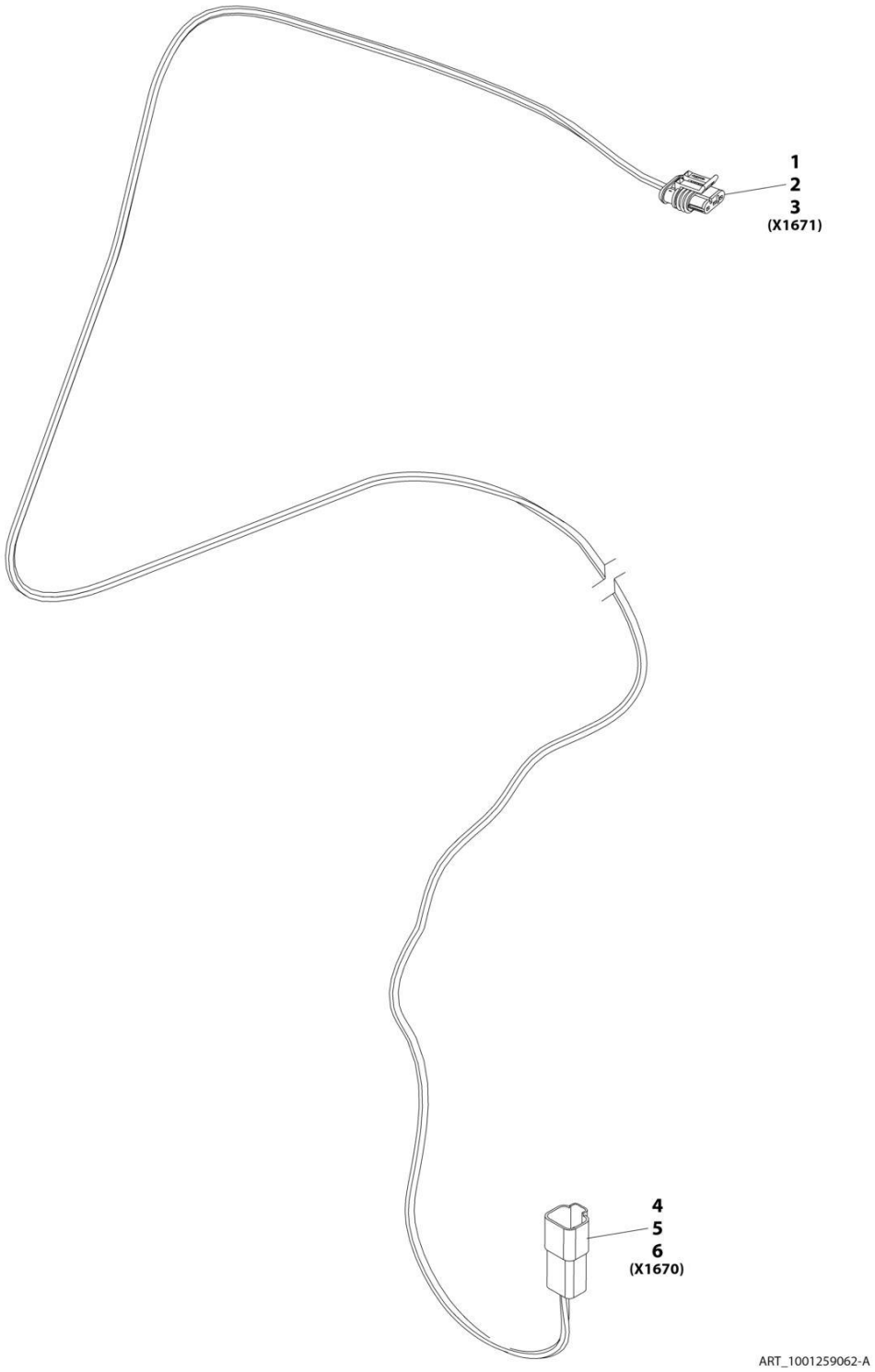


FIGURE 10-83. LSI HARNESS - BOOM RETRACT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001259062	Ref	Boom Retract Harness	B
1	4461262	1	Connector	
2	1001107854	3	Terminal	
3	1001104498	3	Seal	
4	4460932	1	Connector	
5	4460464	3	Terminal	
6	4460466	1	Plug	

FIGURE 10-84. PLATFORM HARNESS

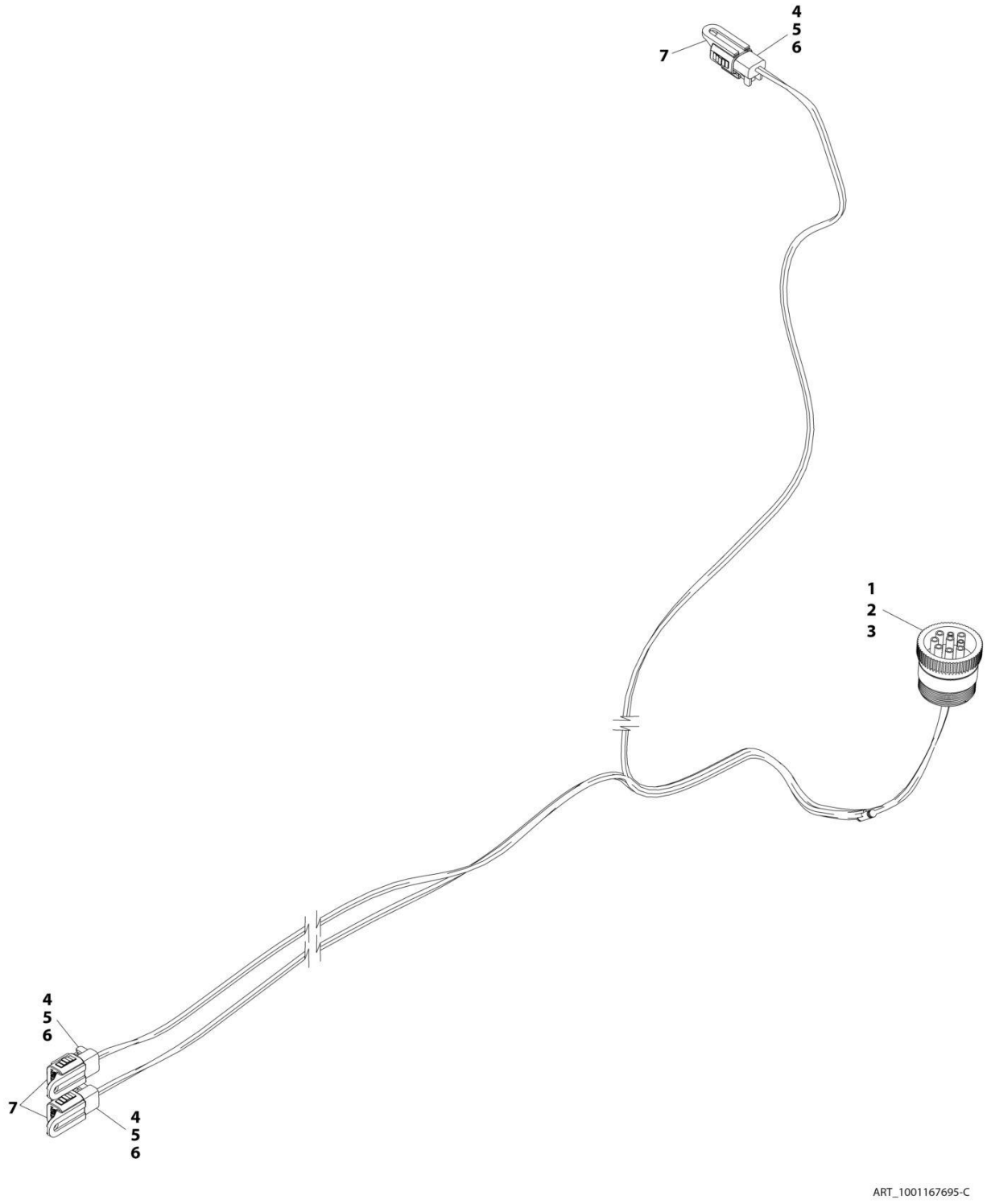


FIGURE 10-84. PLATFORM HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167695	Ref	Platform Harness	C
1	1001112796	1	Connector	
2	4460466	5	Terminal	
3	4460465	4	Terminal	
4	4460891	3	Connector, (includes rear seal)	
5	80604018	2	Lock, Connector	
6	4460465	2	Terminal	
7	1001155806	3	Cap, Dust	

FIGURE 10-85. REVERSE CAMERA INSTALLATION

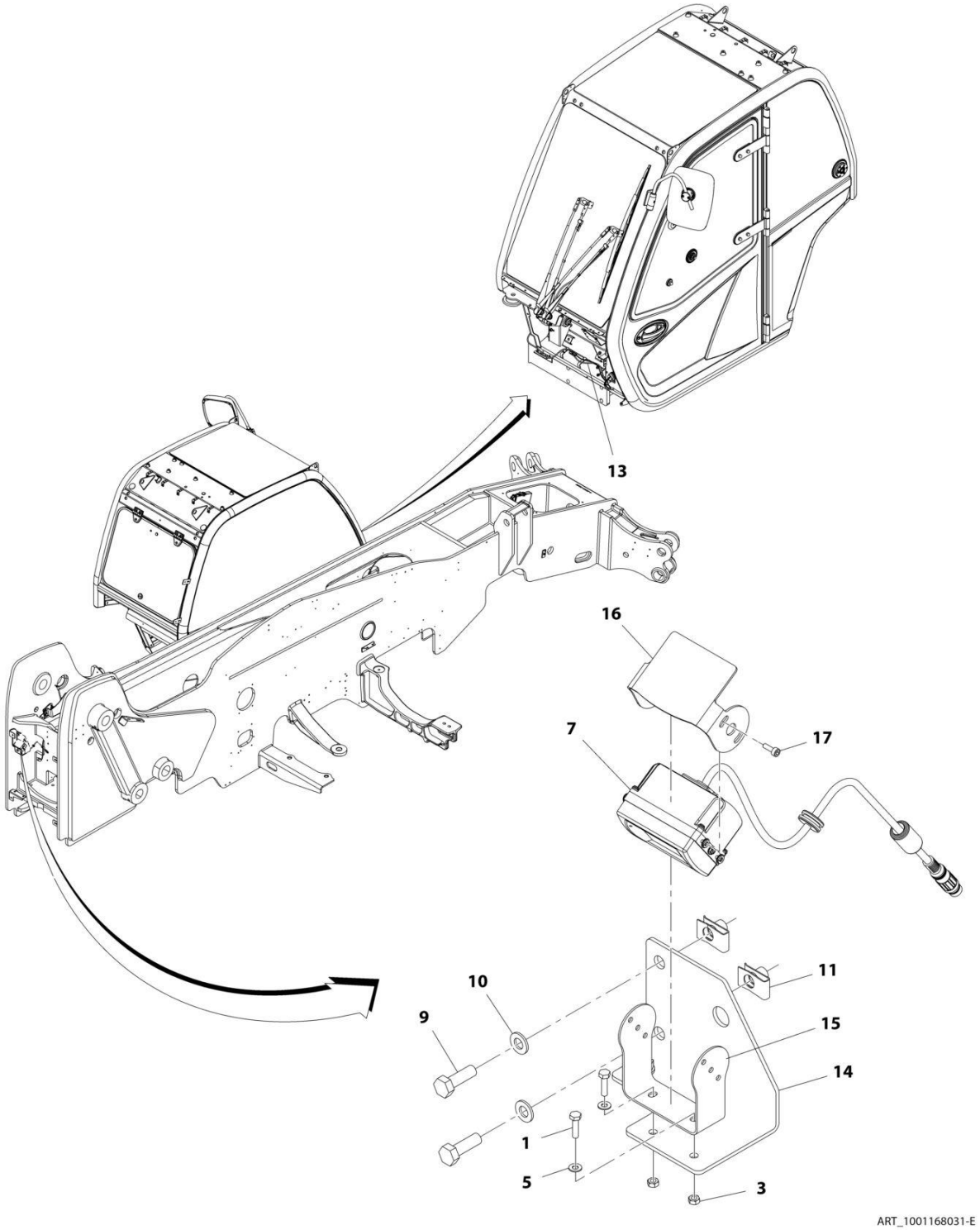


FIGURE 10-85. REVERSE CAMERA INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168031	Ref	Reverse Camera Installation	E
1	0700408	2	Bolt, M4X16	
3	3290401	2	Nut, M4X0.7	
5	4811400	2	Washer, M4	
7	1001167017	1	Camera	
9	0760812	3	Bolt, M8X25	
10	4811900	3	Washer, M8	
11	8310686	3	Nut, Retainer M8X12.5	
13	1001171962	1	Cable, Reverse Camera	
14	1001202620	1	Bracket, Reverse Camera Mount	
15	1001202621	1	Bracket, Reverse Camera Mount	
16	1001202622	1	Bracket, Reverse Sun Shield	
17	4031205	4	Bolt, M3X10	

FIGURE 10-86. MULTI VIEW CAMERA INSTALLATION

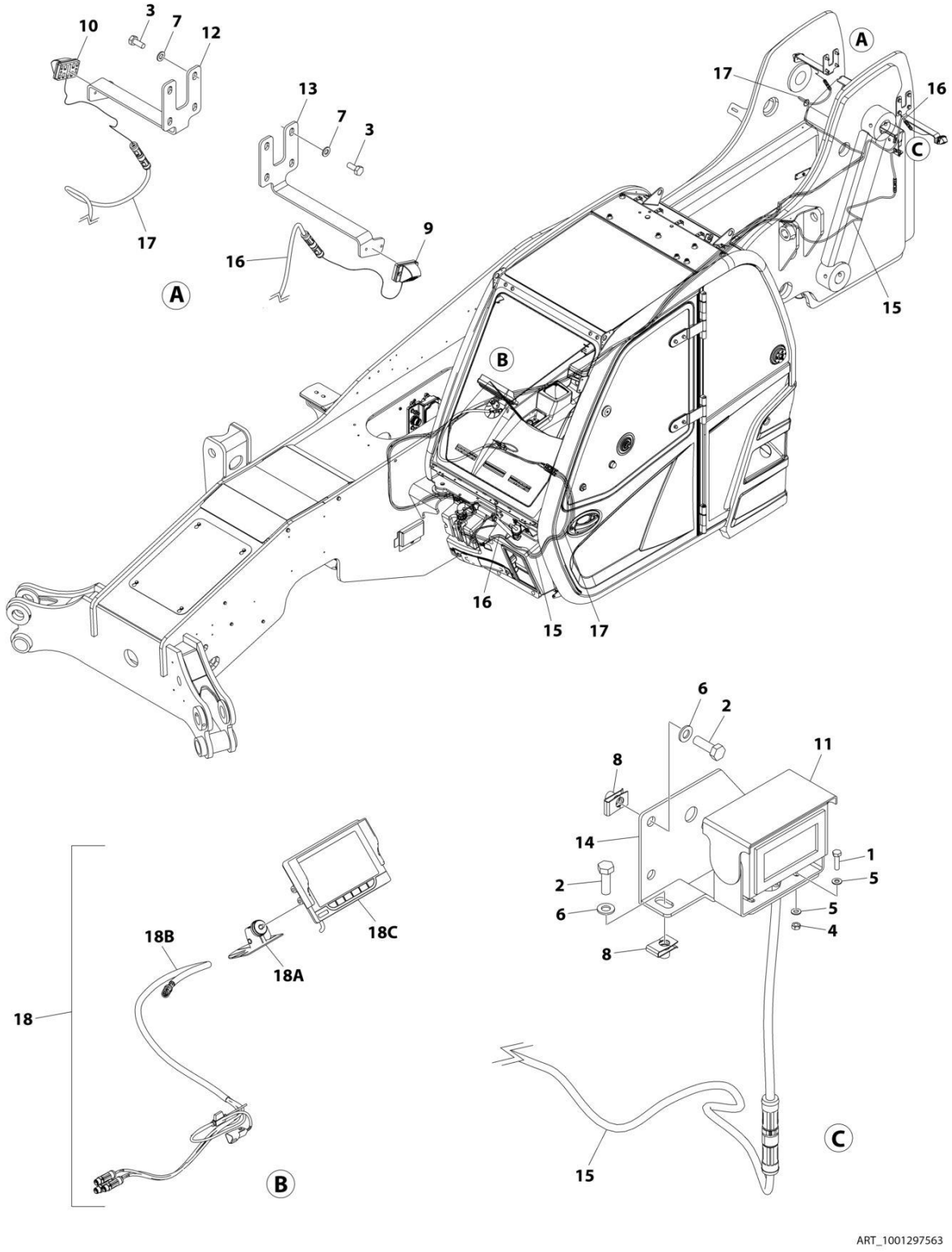


FIGURE 10-86. MULTI VIEW CAMERA INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001297563	Ref	MULTI VIEW CAMERA INSTALLATION	A
1	0700408	2	Bolt M4 x 16	
2	0760812	3	Bolt M8 x 25	
3	0761012	8	Bolt M10 x 25	
4	3290401	2	Nut M4	
5	4811400	4	Washer M4	
6	4811900	3	Washer M8	
7	4812000	8	Washer M10	
8	8310686	3	Nut, Retainer M8	
9	1001264534	1	Camera, Side View (LH)	
10	1001264536	1	Camera, Side View (RH)	
11	1001233174	1	Camera, Rear View	
12	1001280434	1	Bracket, Camera (RH)	
13	1001280435	1	Bracket, Camera (LH)	
14	1001291685	1	Bracket, Rear Camera	
15	1001233434	1	Extension Cable Camera Harness	
16	1001265979	1	Extension Cable Camera Harness (LH)	
17	1001265980	1	Extension Cable Camera Harness (RH)	
18	1001289479	1	Quad View Monitor Assembly	C
18A	1001233217	1	Bracket	
18B	1001294608	1	Quad View Monitor Harness	
18C	1001302410	1	Monitor LED Display	

FIGURE 10-87. REVERSE SENSOR INSTALLATION

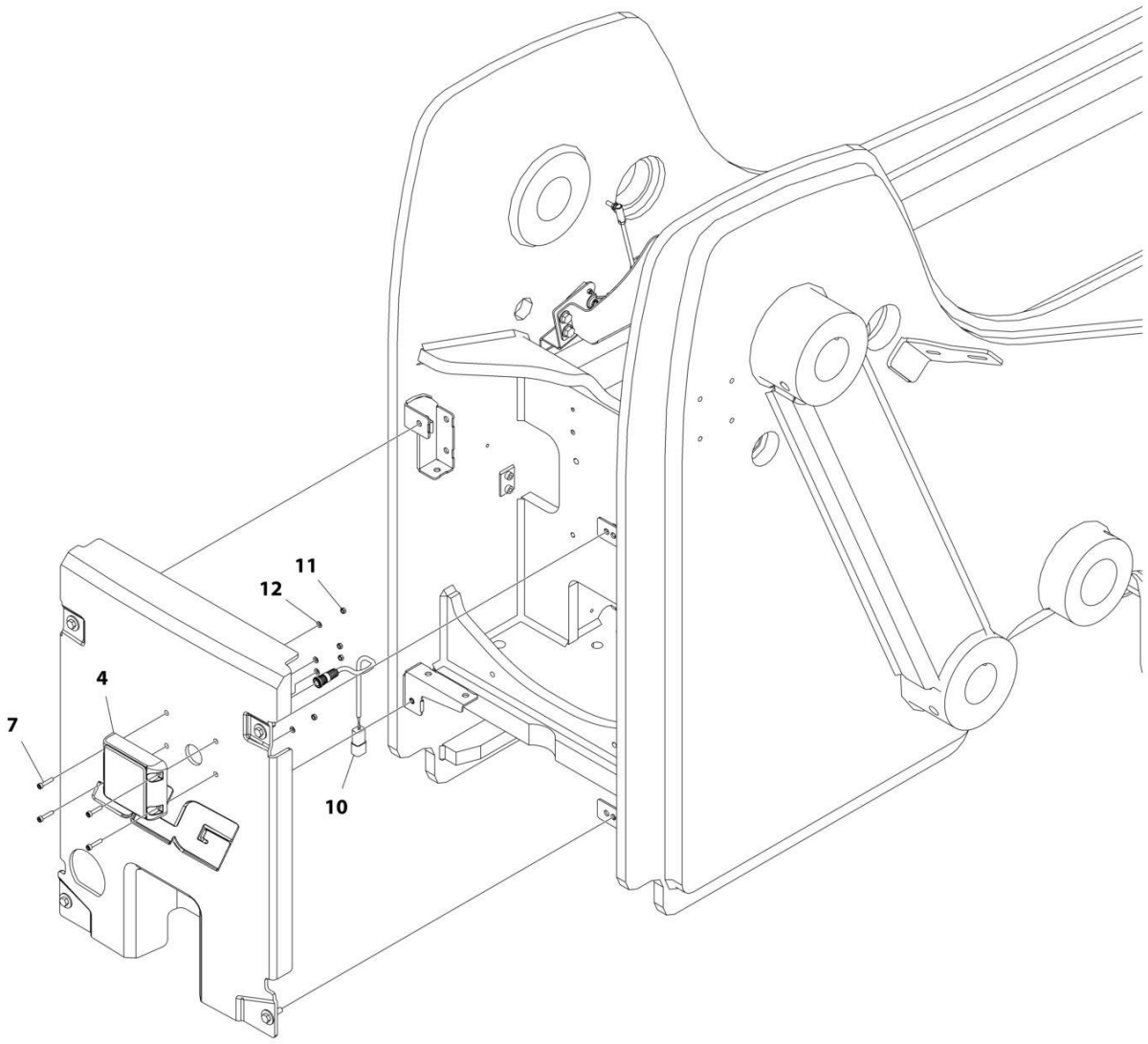
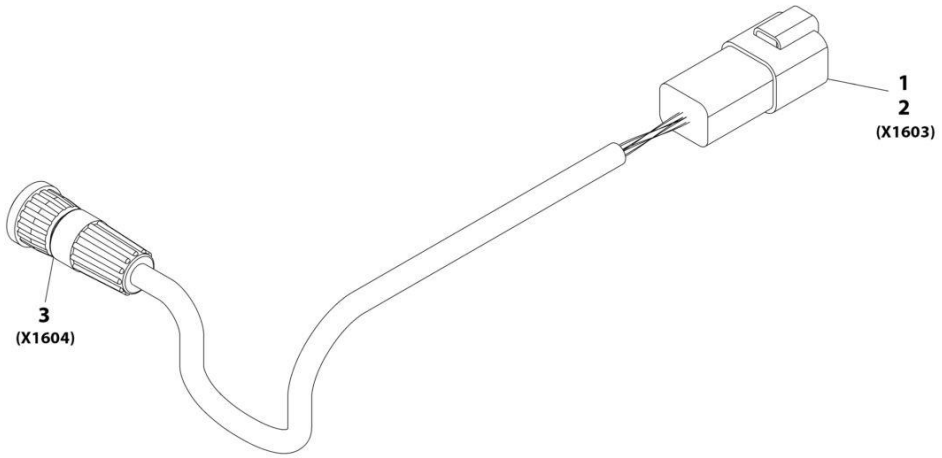


FIGURE 10-87. REVERSE SENSOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172536	Ref	Reverse Sensor Installation	I
4	1001247421	1	Sensor, Reverse	
7	5271609	4	Screw, M5X25	
10	1001175776	1	Harness, Reverse Sensor (See Separate Breakdown in this Section)	
11	3290501	4	Nut, M5X0.8	
12	4811600	4	Washer, M5	

FIGURE 10-88. REVERSE SENSOR HARNESS



ART_1001175776-C

FIGURE 10-88. REVERSE SENSOR 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 10-89. RIDE CONTROL VALVE HARNESS INSTALLATION

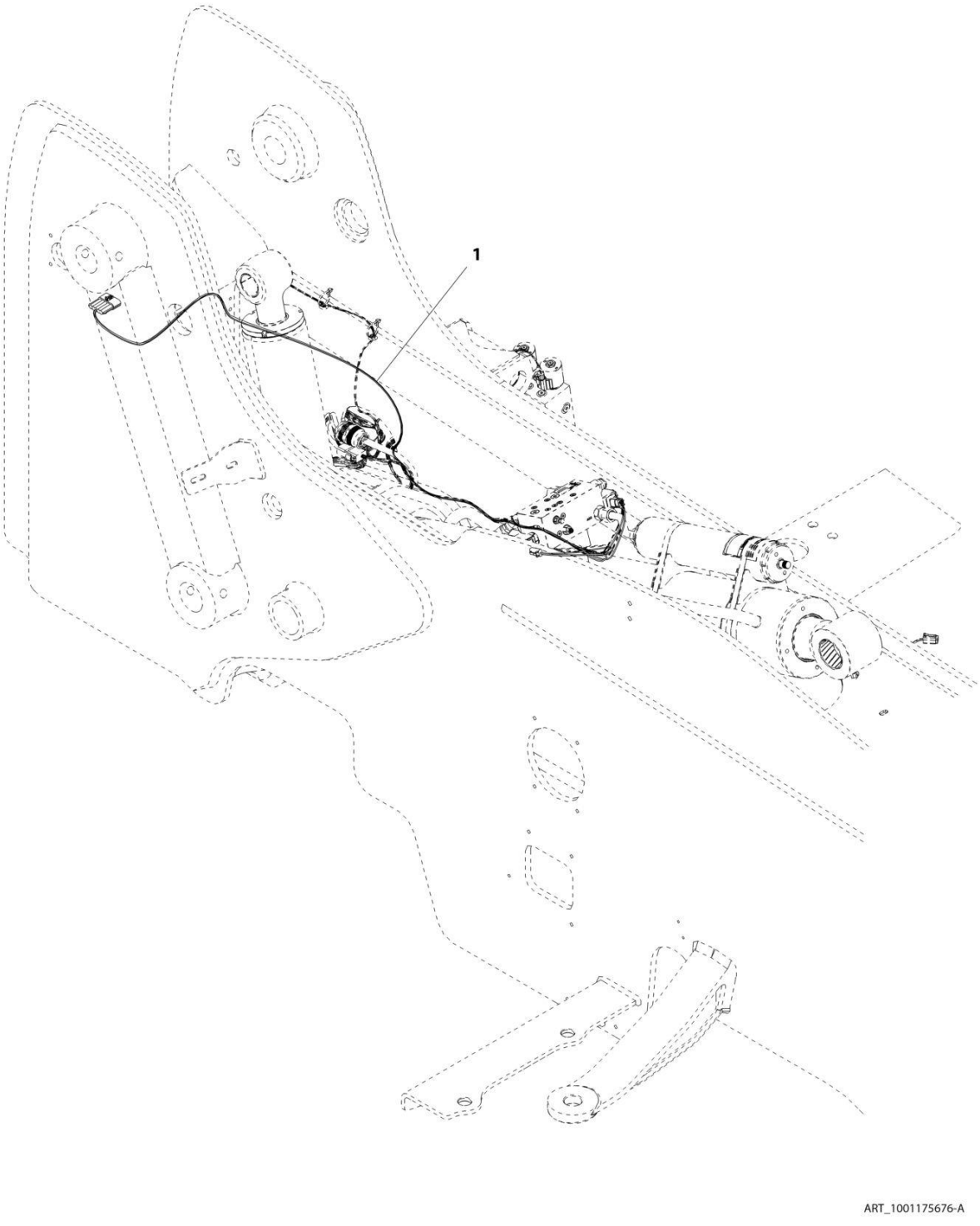


FIGURE 10-89. RIDE CONTROL VALVE HARNESS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175676	Ref	Ride Control CB Valve Harness Installation (Lift)	A
1	1001173527	1	Harness, Ride Control CB Valve (Lift) (See Separate Breakdown in this Section)	

FIGURE 10-90. RIDE CONTROL VALVE HARNESS

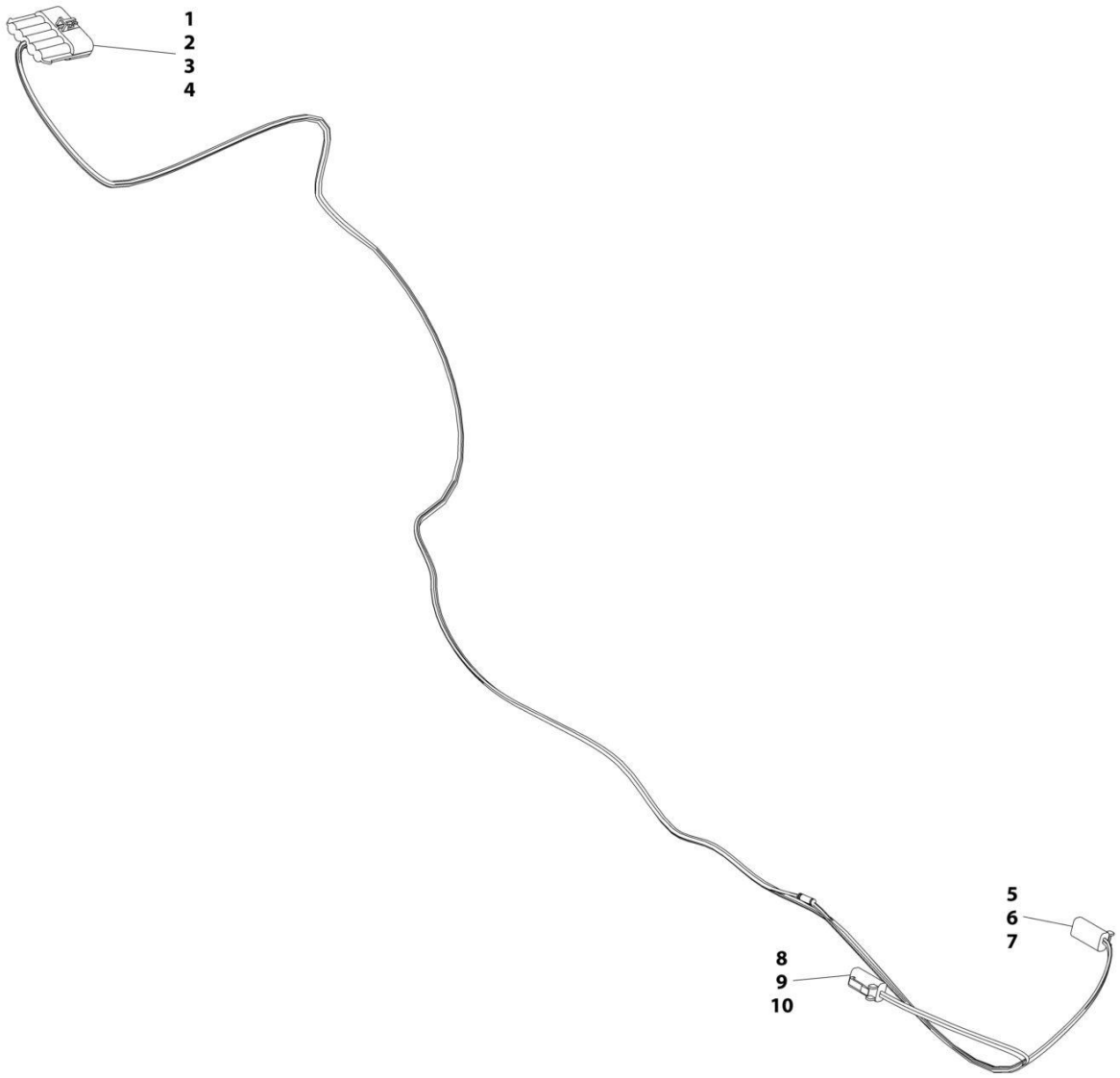


FIGURE 10-90. RIDE CONTROL VALVE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173527	Ref	Ride Control CB Valve Harness	B
1	1001121727	1	Connector	
2	1001166727	2	Plug	
3	1001116745	2	Terminal	
4	1001116729	1	Terminal	
5	4460891	1	Connector	
6	80604018	1	Lock, Secondary	
7	4460465	2	Terminal	
8	4460891	1	Connector	
9	80604018	1	Lock, Secondary	
10	4460465	2	Terminal	

FIGURE 10-91. ROOF PIGTAIL HARNESS

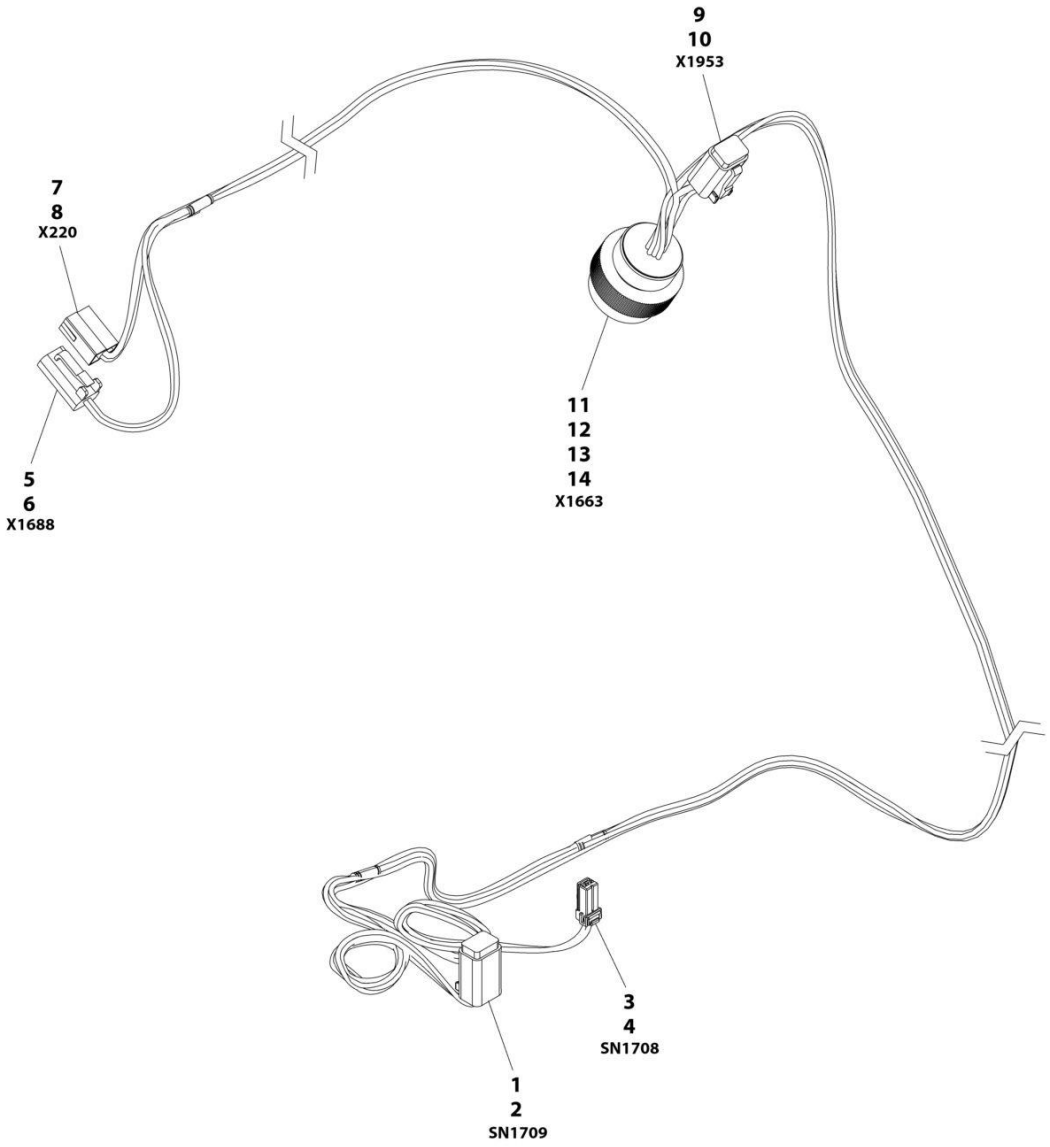
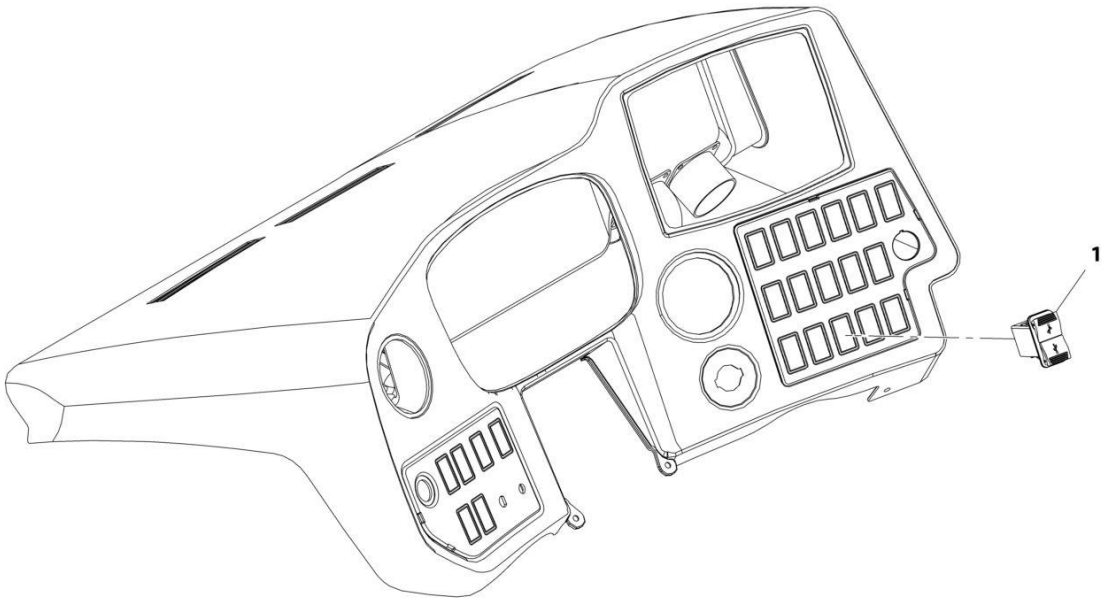


FIGURE 10-91. ROOF PIGTAIL HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001265200	Ref	Roof Pigtail Harness	A
1	4460884	1	Connector	
2	4460465	4	Terminal	
3	1001264844	1	Connector	
4	1001264861	2	Terminal	
5	4460891	1	Connector	
6	4460465	2	Terminal	
7	4460994	1	Connector	
8	1001118384	2	Terminal	
9	4460884	1	Connector	
10	4460942	4	Terminal	
11	4461015	1	Connector	
12	4460942	6	Terminal	
13	4460465	5	Terminal	
14	4460466	3	Plug	

FIGURE 10-92. USB CHARGER INSTALLATION



ART_1001200152-A

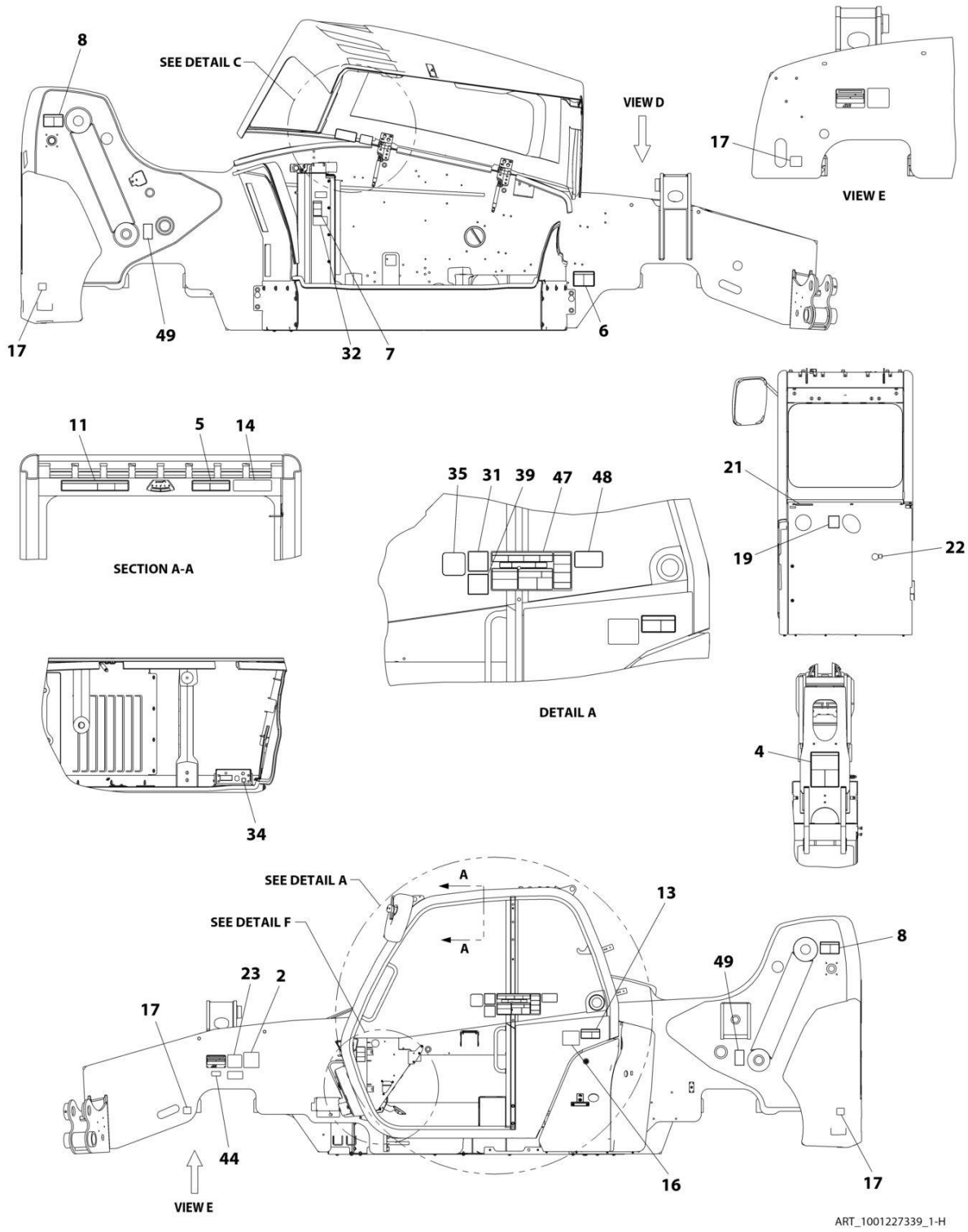
FIGURE 10-92. USB CHARGER INSTALLATION

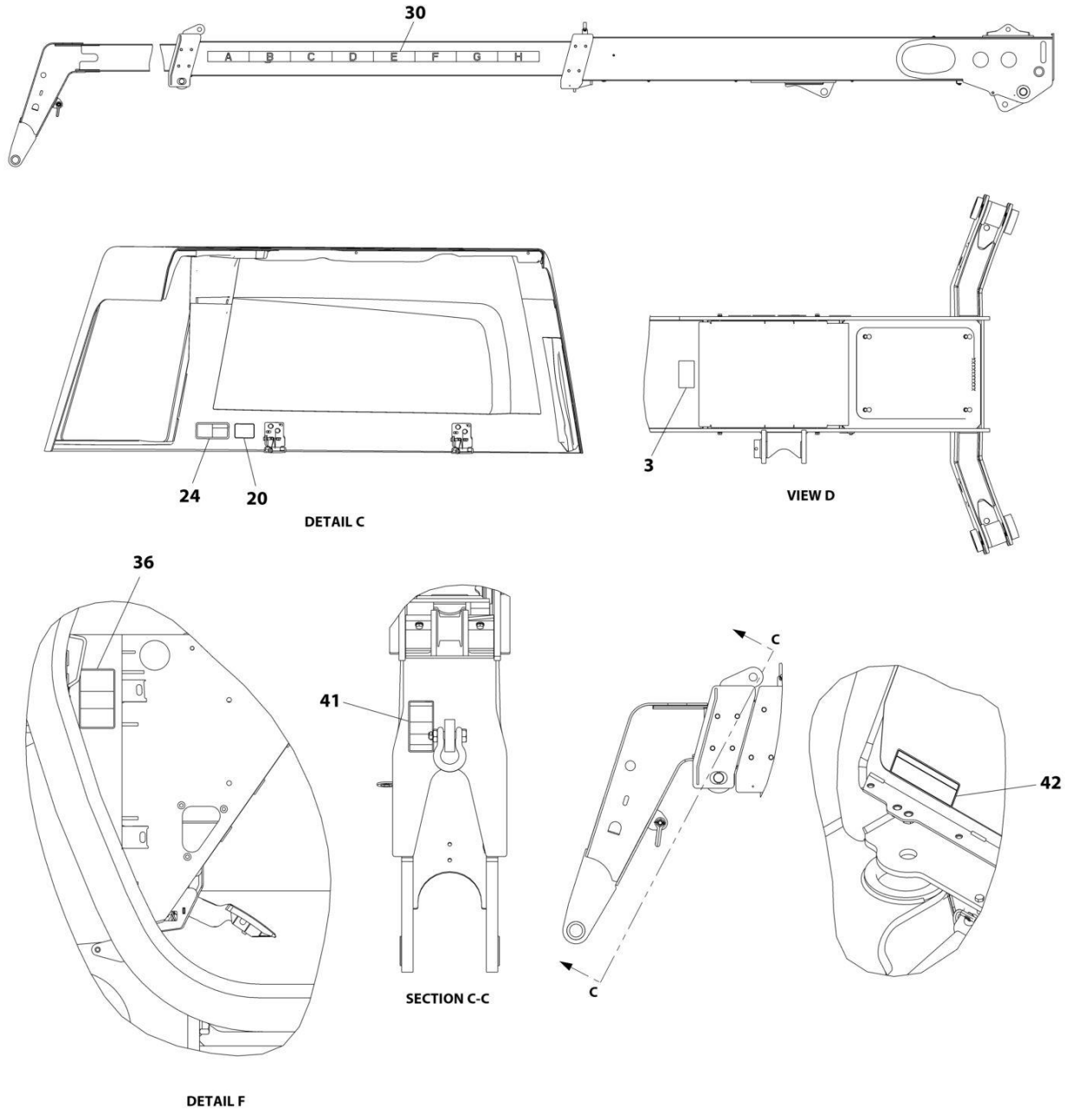
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200152	Ref	USB Charger Installation	A
1	1001174712	1	USB Charger Assembly	

SECTION 11 - DECALS

SECTION 11 - DECALS

FIGURE 11-1. DECAL INSTALLATION (ANSI) (74 HP)




30
A
B
C
D
E
F
G
H
24
20
DETAIL C
3
VIEW D
36
41
SECTION C-C
C
C
42
DETAIL F
ART_1001227339_2-H

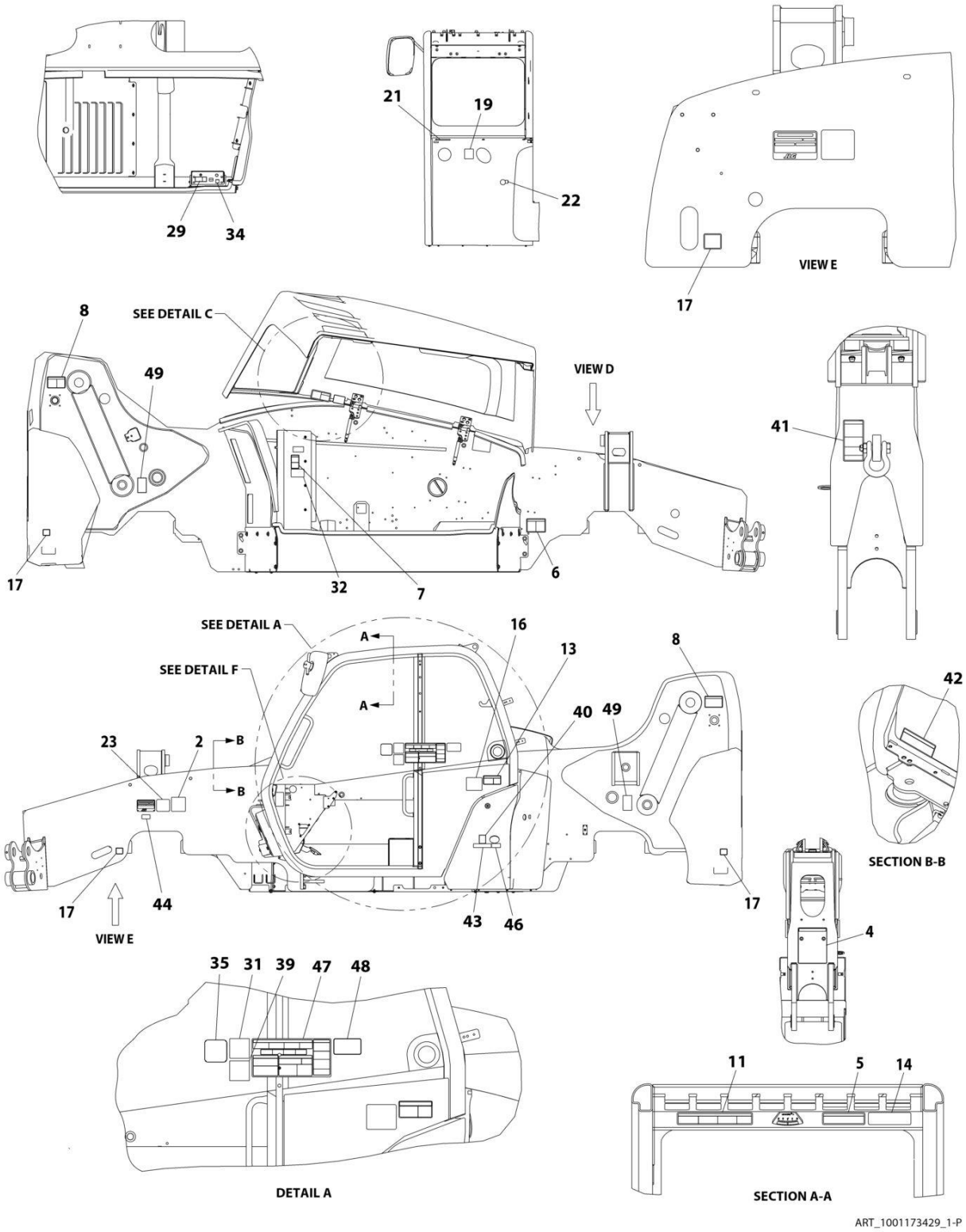
SECTION 11 - DECALS

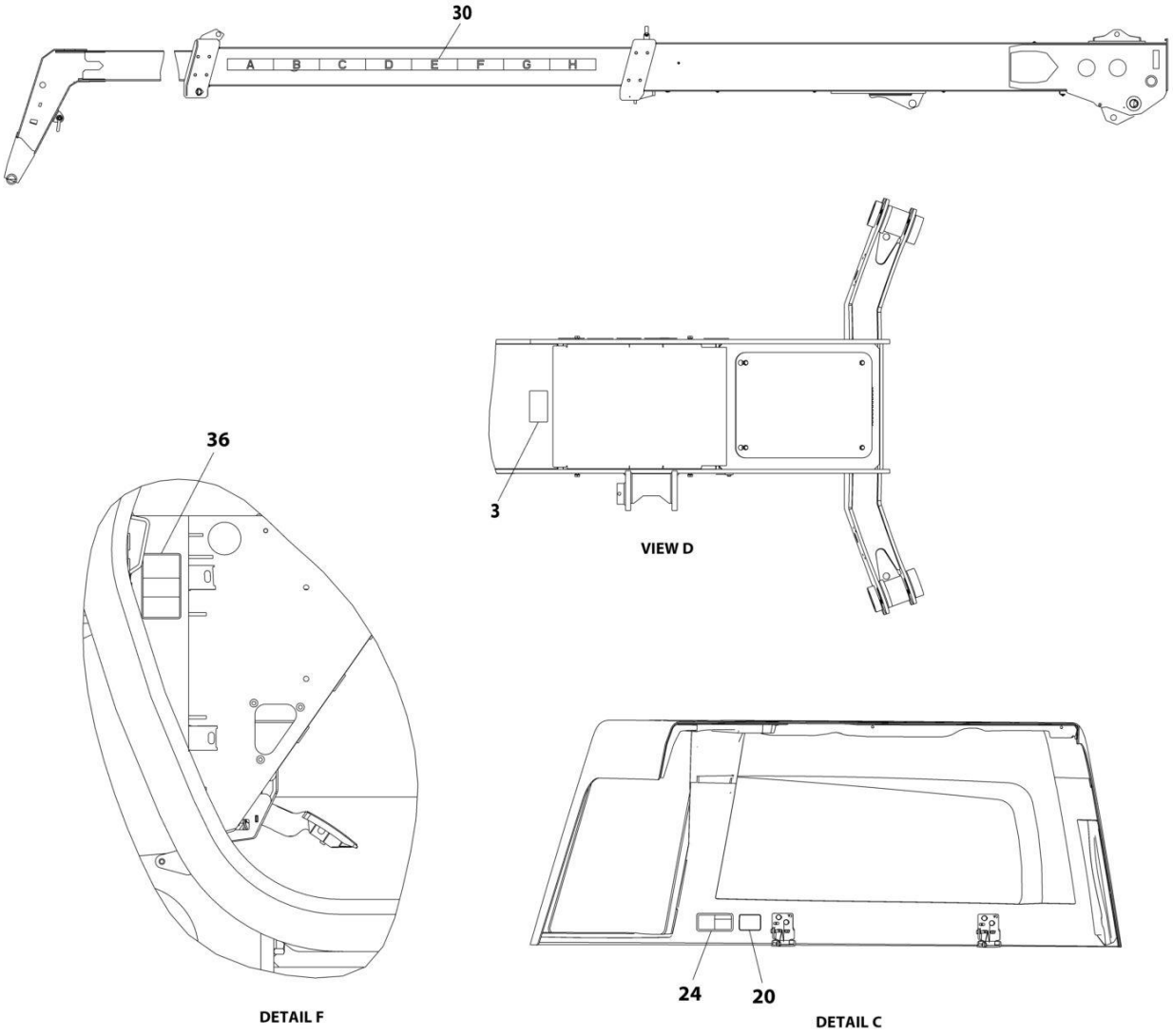
FIGURE 11-1. DECAL INSTALLATION (ANSI) (74 HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227339	Ref	Decal Installation (ANSI)	H
2	1702631	1	Decal, Bar Code	
3	1706296	1	Decal, Battery Warning	
4	1001195849	1	Decal, Carry Personnel	
5	1706299	1	Decal, Contacting Power Lines Warning	
6	1706300	1	Decal, Ether Warning	
7	1706301	1	Decal, Keep Clear Of Rotating Parts Warning	
8	1706302	2	Decal, Pinch Point Boom Holes	
11	1706306	1	Decal, Tip Over Warning	
13	1706768	1	Decal, Vehicle Roll Away	
14	1706850	1	Decal, Crush Hazard Warning	
16	3251813	1	Decal, USA	
17	4109801	4	Decal, Tie Down Point	
19	1001094708	1	Decal, Hydraulic Oil	
20	1001109053	1	Decal, Coolant Fill	
21	1001218704	1	Decal, Ultra Low Sulfur Diesel	
22	1001130323	1	Decal, Oil Level	
23	1001131271	1	Decal, Patent	
24	1001139578	1	Decal, Hot Fluid Warning	
30	1001171277	1	Decal, Boom Extend	
31	1001172035	1	Decal, No Weld or Drill	
32	1001202626	1	Decal, 74HP	
34	1001184632	1	Decal, Battery Positive	
35	1001188372	1	Decal, Sway	
36	1001191229	1	Decal, Fuse Panel	
39	1001200101	1	Decal, Manual	
41	1001207217	1	Decal, Danger Swinging Loads	
42	1001218659	1	Decal, Brake Fluid	
44	1001223453	1	Decal, ICES	
47	1707078	1	Decal, Warning/Danger Cab	
48	1001231801	1	Decal, Warning Prop 65 Diesel	
49	1001222650	2	Decal, Axle Lift	

SECTION 11 - DECALS

FIGURE 11-2. DECAL INSTALLATION (ANSI) (110 HP)




30
A
B
C
D
E
F
G
H
3
VIEW D
36
DETAIL F
24
20
DETAIL C
ART_1001173429_2-P

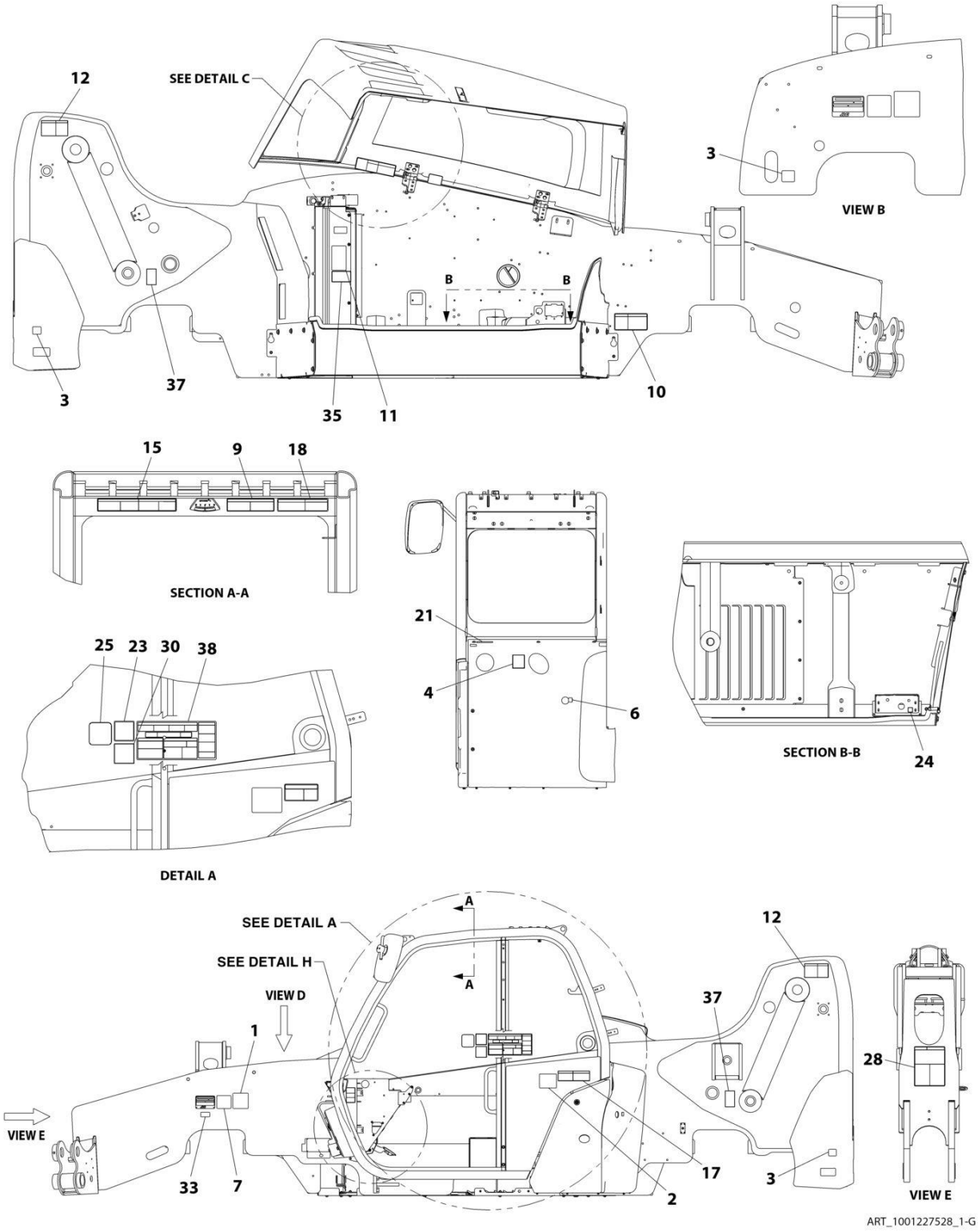
SECTION 11 - DECALS

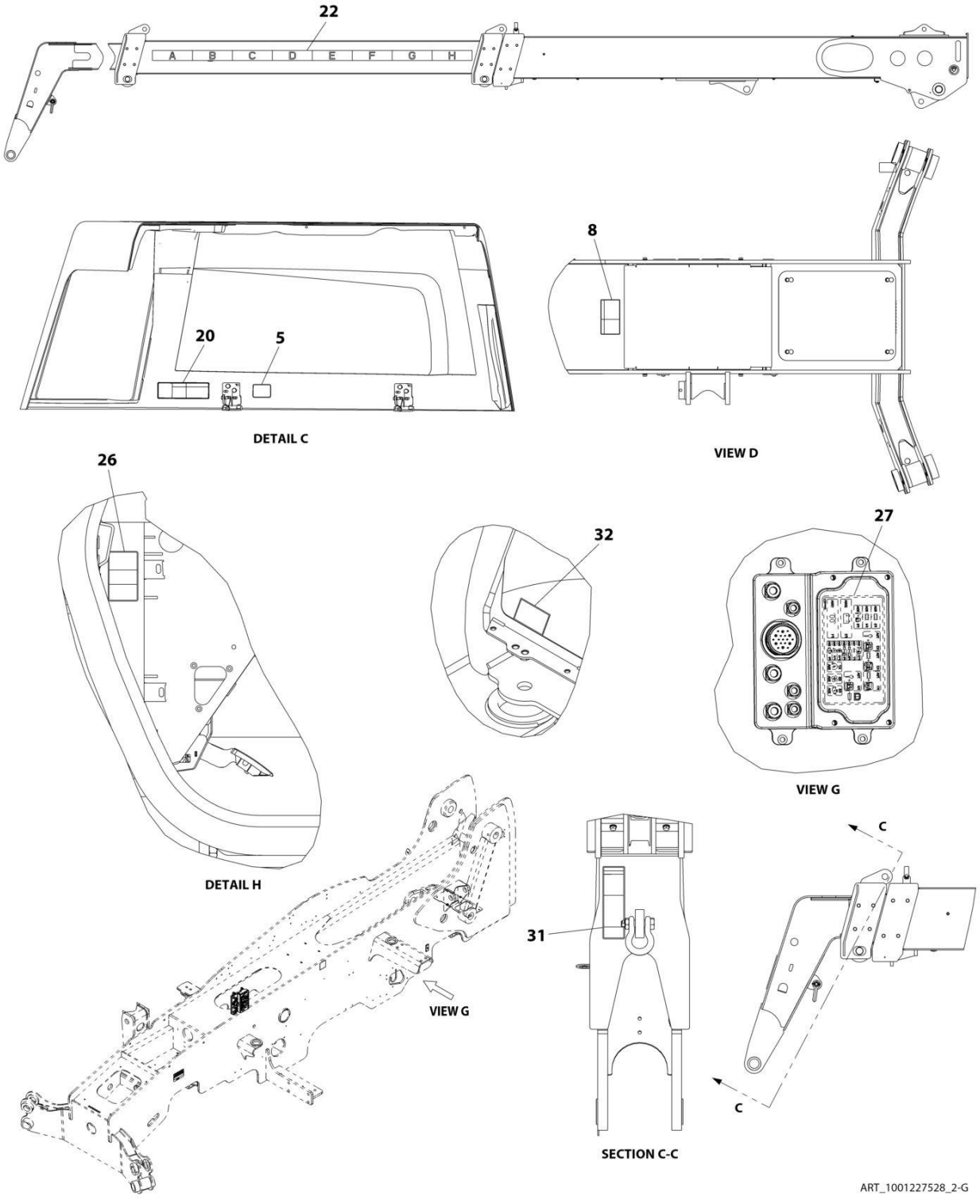
FIGURE 11-2. DECAL INSTALLATION (ANSI) (110 HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173429	Ref	Decal Installation	P
2	1702631	1	Decal, Bar Code	
3	1706296	1	Decal, Battery Warning	
4	1001195849	1	Decal, Carry Personnel	
5	1706299	1	Decal, Contacting Power Lines Warning	
6	1706300	1	Decal, Ether Warning	
7	1706301	1	Decal, Keep Clear Of Rotating Parts Warning	
8	1706302	2	Decal, Pinch Point Boom Holes	
11	1706306	1	Decal, Tip Over Warning	
13	1706768	1	Decal, Vehicle Roll Away	
14	1706850	1	Decal, Crush Hazard Warning	
16	3251813	1	Decal, USA	
17	4109801	4	Decal, Tie Down Point	
19	1001094708	1	Decal, Hydraulic Oil	
20	1001109053	1	Decal, Coolant Fill	
21	1001218704	1	Decal, Ultra Low Sulfur Diesel	
22	1001130323	1	Decal, Oil Level	
23	1001131271	1	Decal, Patent	
24	1001139578	1	Decal, Hot Fluid Warning	
26	1001229575	1	Decal, Nameplate	
29	1001195855	1	Decal, Battery Disconnect	
30	1001171277	1	Decal, Boom Extend	
31	1001172035	1	Decal, No Weld or Drill	
32	1001173422	1	Decal, MCO 110HP	
34	1001184632	1	Decal, Battery Positive	
35	1001188372	1	Decal, Sway	
36	1001191229	1	Decal, Fuse Panel	
39	1001200101	1	Decal, Manual	
40	1001196806	1	Decal, Diesel Exhaust Fluid	
41	1001207217	1	Decal, Danger Swinging Loads	
42	1001218659	1	Decal, Brake Fluid	
43	1001219212	1	Decal, DEF Fluid	
44	1001223453	1	Decal, ICES	
45	1001009178	4	Decal, Track Metal	
46	1001230310	1	Decal, JLG DEF Tank Service	
47	1707078	1	Decal, Warning/Danger Cab	

SECTION 11 - DECALS

FIGURE 11-3. DECAL INSTALLATION (CSA ENGLISH/FRENCH) (74 HP)




22
A
B
C
D
E
F
G
H
20
5
DETAIL C
8
VIEW D
26
DETAIL H
32
27
VIEW G
VIEW G
31
C
C
SECTION C-C
ART_1001227528_2-G

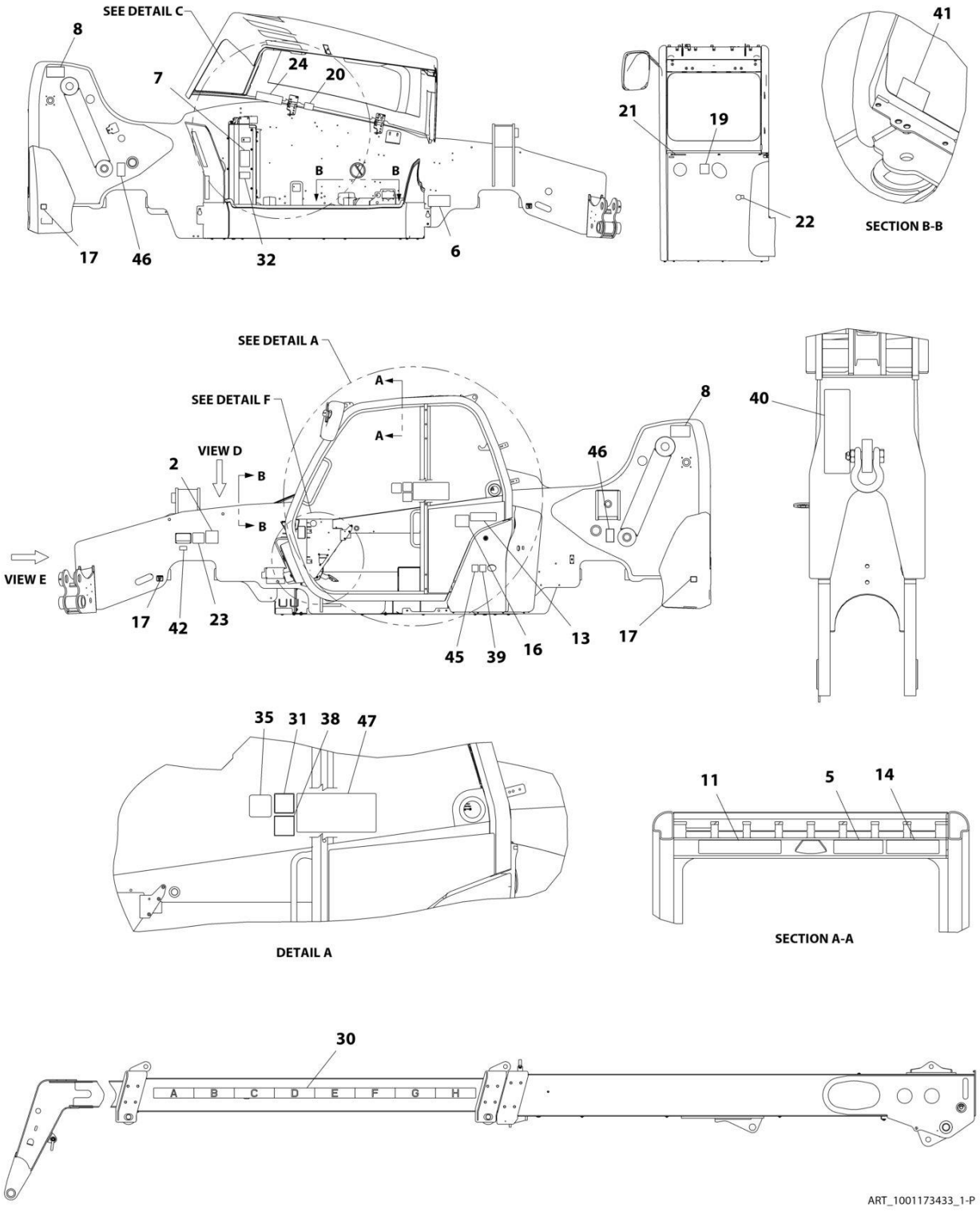
SECTION 11 - DECALS

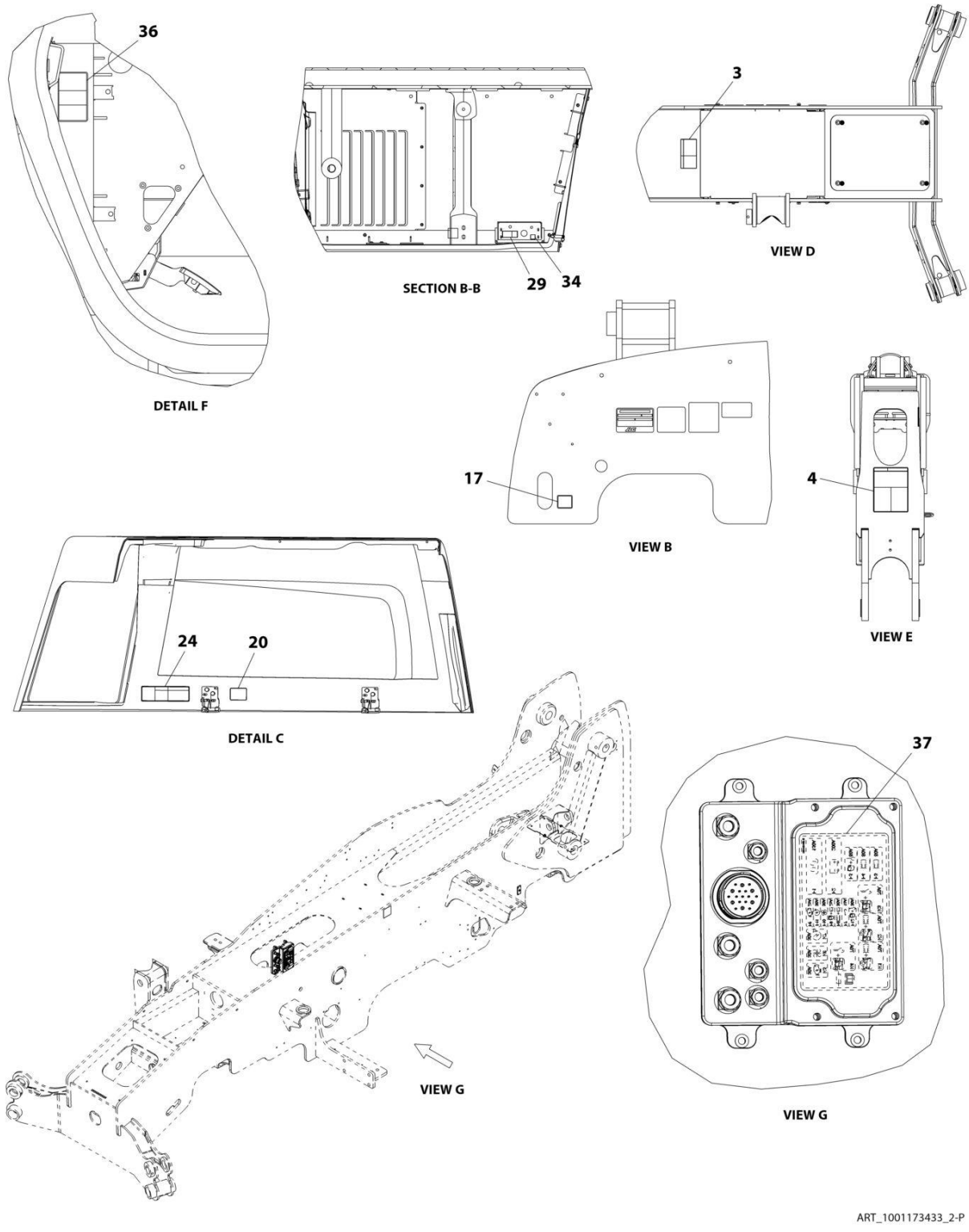
FIGURE 11-3. DECAL INSTALLATION (CSA ENGLISH/FRENCH) (74 HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227528	Ref	Decal Installation (CSA English/French)	G
1	1702631	1	Decal, Bar Code	
2	3251813	1	Decal, USA	
3	4109801	4	Decal, Tie Down Point	
4	1001094708	1	Decal, Hydraulic Oil	
5	1001109053	1	Decal, Coolant Fill	
6	1001130323	1	Decal, Oil Level	
7	1001131271	1	Decal, Patent	
8	1001163174	1	Decal, Battery Warning	
9	1001163210	1	Decal, Electrocution Hazard	
10	1001163212	1	Decal, Warning No Either	
11	1001163222	1	Decal, Moving Parts	
12	1001163223	2	Decal, Pinch Point	
15	1001163285	1	Decal, Warning Tip Over	
17	1001163300	1	Decal, No Riders	
18	1001163304	1	Decal, Warning Crushing Hazard	
20	1001163323	1	Decal, Warning Hot Fluid	
21	1001163355	1	Decal, Ultra Low Sulfur Diesel	
22	1001171277	1	Decal, Boom Extend	
23	1001172035	1	Decal, No Weld or Drill	
24	1001184632	1	Decal, Battery Positive	
25	1001188372	1	Decal, Sway	
26	1001191229	1	Decal, Fuse Panel	
27	1001191487	1	Decal, Fuse Panel (Note: Supply with power distribution box)	
28	1001195851	1	Decal, Carry Personnel	
30	1001200101	1	Decal, Manual	
31	1001209625	1	Decal, Danger Swinging Loads	
32	1001219211	1	Decal, Brake Fluid	
33	1001223453	1	Decal, ICES	
35	1001202626	1	Decal, 74HP	
37	1001222650	2	Decal, Axle Lift	
38	1001233558	1	Decal, Warning/Danger Cab	

SECTION 11 - DECALS

FIGURE 11-4. DECAL INSTALLATION (CSA ENGLISH/FRENCH) (110 HP)



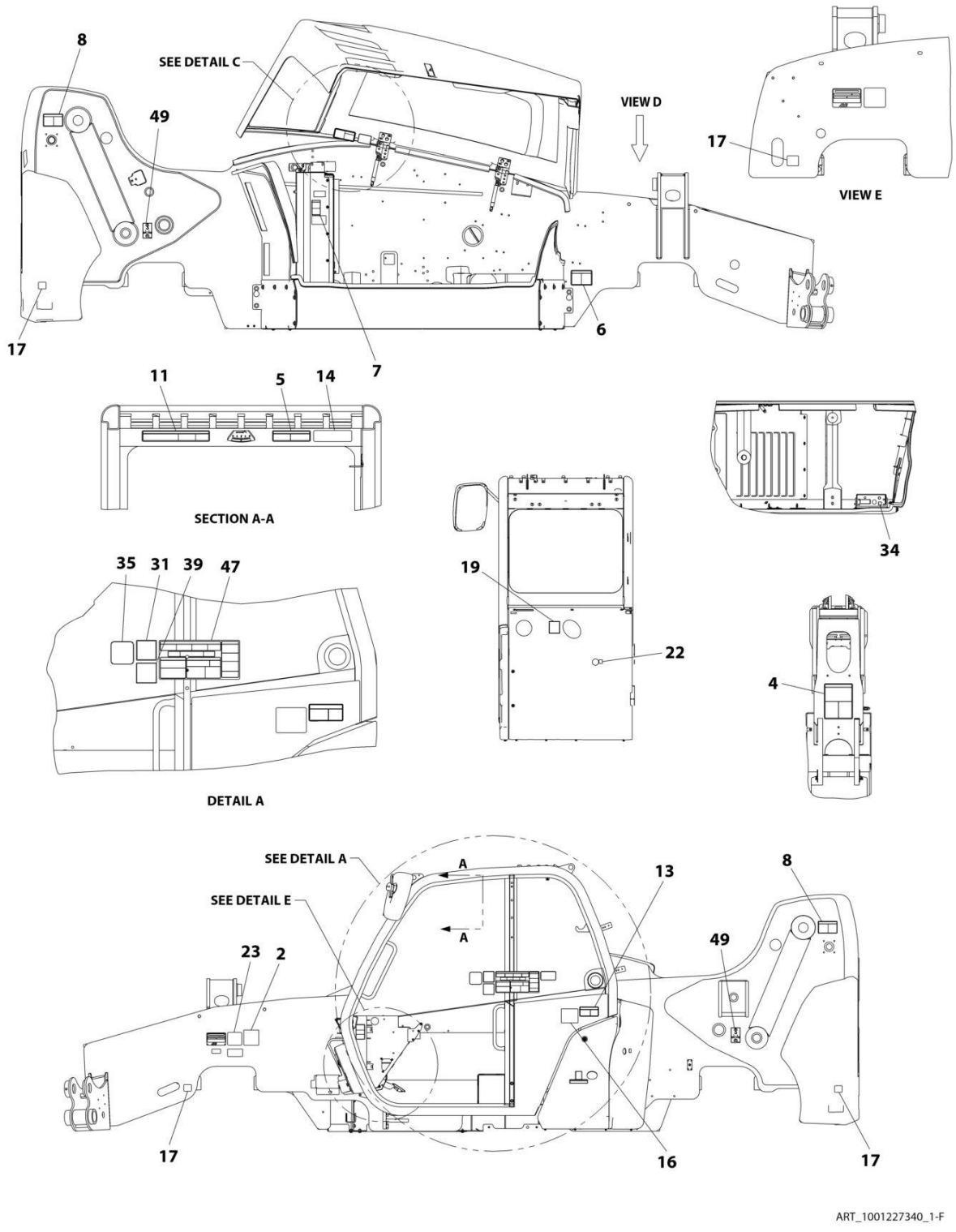

36
DETAIL F
SECTION B-B
29
34
3
VIEW D
17
VIEW B
4
VIEW E
24
20
DETAIL C
VIEW G
37
VIEW G
ART_1001173433_2-P

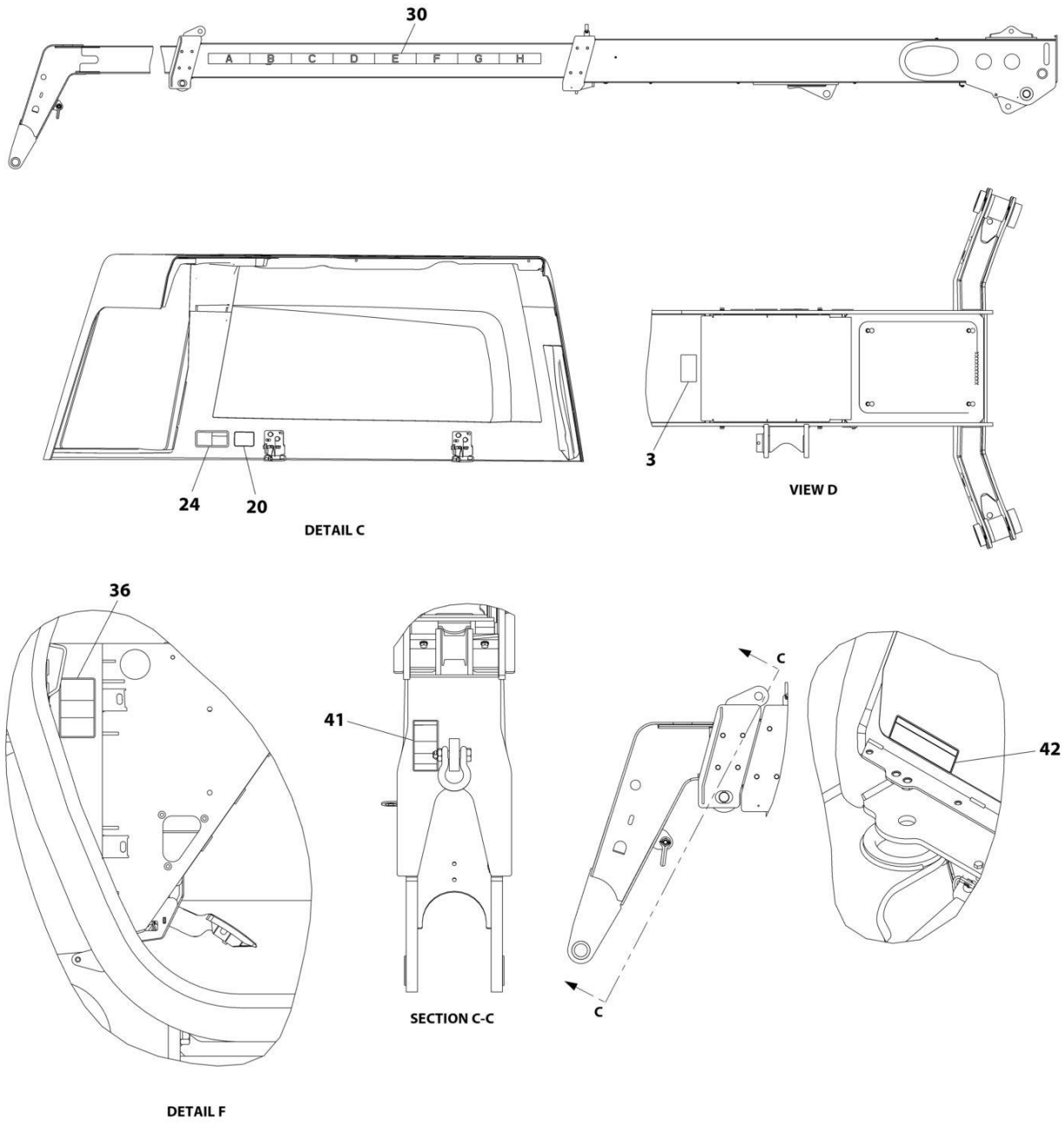
SECTION 11 - DECALS

FIGURE 11-4. DECAL INSTALLATION (CSA ENGLISH/FRENCH) (110 HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173433	Ref	Decal Installation (CSA English/French)	P
2	1702631	1	Decal, Bar Code	
3	1001163174	1	Decal, Battery Warning	
4	1001195851	1	Decal, Carry Personnel	
5	1001163210	1	Decal, Electrocution Hazard	
6	1001163212	1	Decal, Warning No Either	
7	1001163222	1	Decal, Moving Parts	
8	1001163223	2	Decal, Pinch Point	
11	1001163285	1	Decal, Warning Tip Over	
13	1001163300	1	Decal, No Riders	
14	1001163304	1	Decal, Warning Crushing Hazard	
16	3251813	1	Decal, USA	
17	4109801	1	Decal, Tie Down Point	
19	1001094708	1	Decal, Hydraulic Oil	
20	1001109053	1	Decal, Coolant Fill	
21	1001163355	1	Decal, Ultra Low Sulfur Diesel	
22	1001130323	1	Decal, Oil Level	
23	1001131271	1	Decal, Patent	
24	1001163323	1	Decal, Warning Hot Fluid	
26	1001229575	1	Decal, Nameplate	
29	1001195855	1	Decal, Battery Disconnect	
30	1001171277	1	Decal, Boom Extend	
31	1001172035	1	Decal, No Weld Or Drill	
32	1001173422	1	Decal, MCO, 130HP	
34	1001184632	1	Decal, Battery Positive	
35	1001188372	1	Decal, Sway	
36	1001191229	1	Decal, Fuse Panel	
37	1001191487	1	Decal, Fuse Panel (Note: Supply with power distribution box)	
38	1001200101	1	Decal, Manual	
39	1001196806	1	Decal, Diesel Exhaust Fluid	
40	1001209625	1	Decal, Danger Swinging Loads	
41	1001219211	1	Decal, Brake Fluid	
42	1001223453	1	Decal, ICES	
44	1001009178	4	Decal, Track Metal	
45	1001230311	1	Decal DEF Tank	
46	1001222650	2	Decal, Axle Lift	
47	1001233558	1	Decal, Warning/Danger Cab	

FIGURE 11-5. DECAL INSTALLATION (ISO) (74 HP)




30
A
B
C
D
E
F
G
H
24
20
DETAIL C
3
VIEW D
36
DETAIL F
41
SECTION C-C
C
C
42
ART_1001227340_2-F

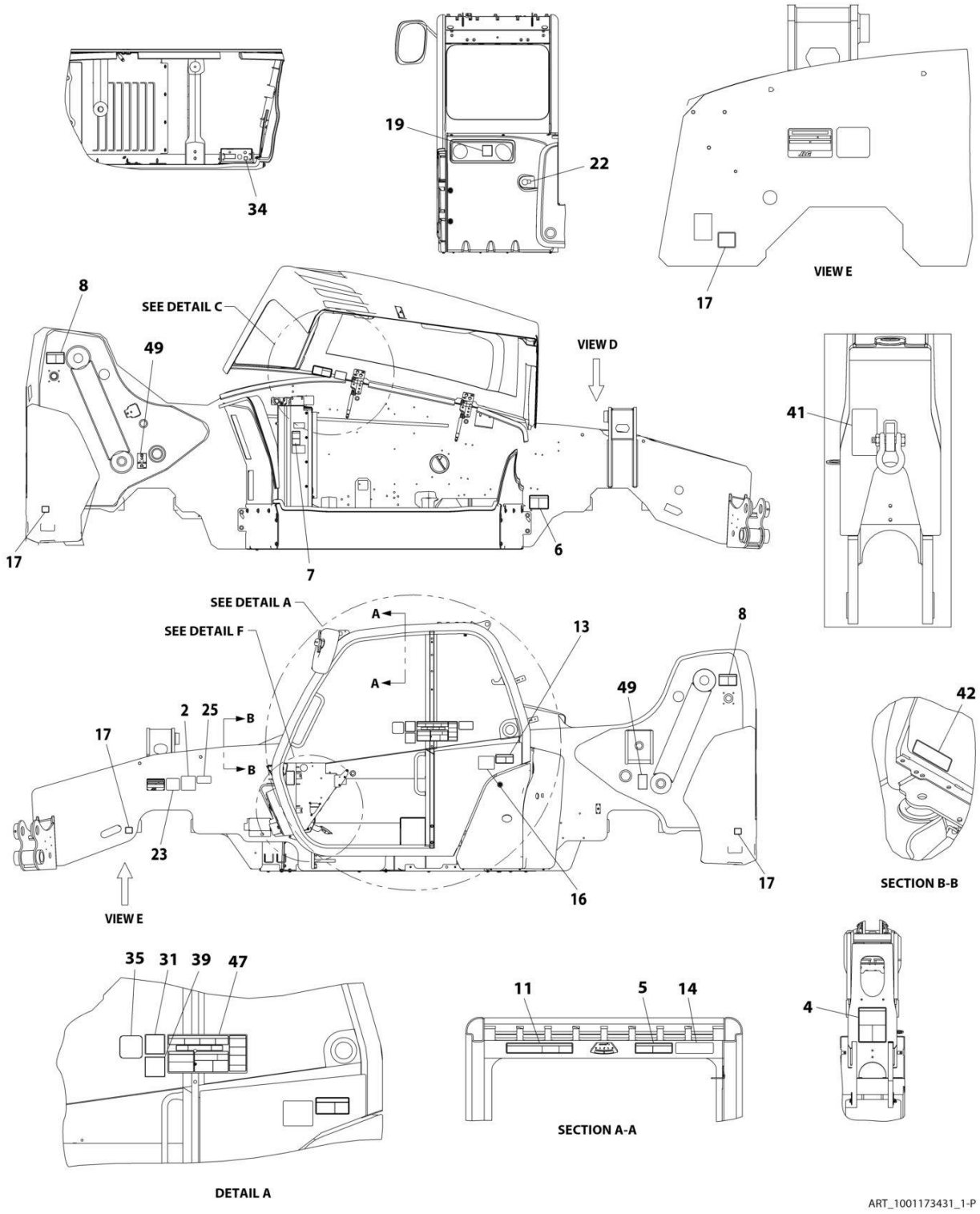
SECTION 11 - DECALS

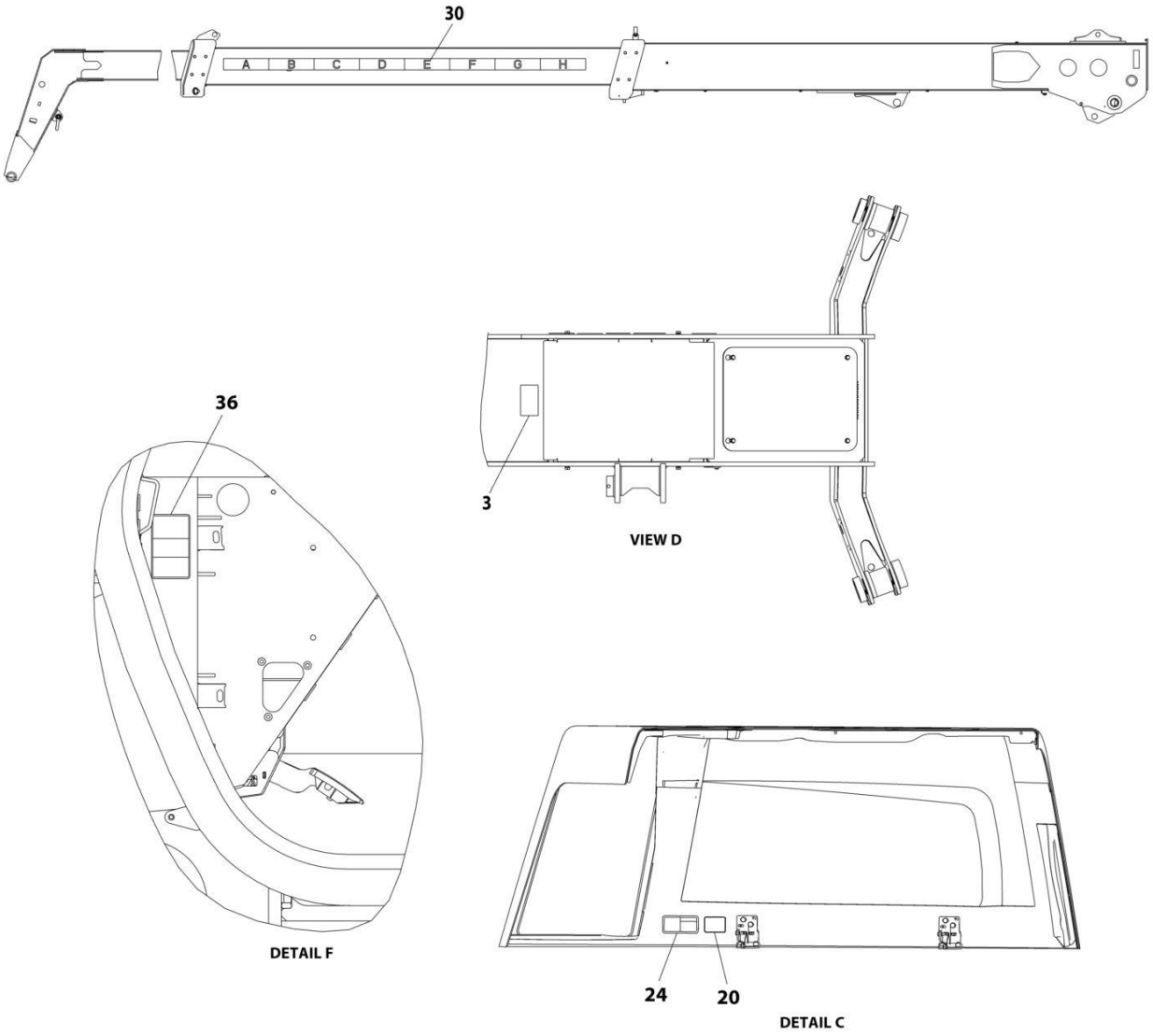
FIGURE 11-5. DECAL INSTALLATION (ISO) (74 HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227340	Ref	Decal Installation (ISO)	F
2	1702631	1	Decal, Bar Code	
3	1706281	1	Decal, Battery Warning	
4	1706282	1	Decal, Carry Personnel	
5	1706284	1	Decal, Electrocution Hazard	
6	1706098	1	Decal, Ether Warning	
7	1706285	1	Decal, Keep Clear of Rotating Parts Warning	
8	1706292	2	Decal, Pinch Point Boom Holes	
11	1706288	1	Decal, Tip Over Warning	
13	1001092878	1	Decal, No Riders	
14	1001092877	1	Decal, Crush Hazard Warning	
16	3251813	1	Decal, USA	
17	4109801	4	Decal, Tie Down Point	
19	1001094708	1	Decal, Hydraulic Oil	
20	1001109053	1	Decal, Coolant Fill	
22	1001130323	1	Decal, Oil Level	
23	1001131271	1	Decal, Patent	
24	1001139942	1	Decal, Hot Fluid Warning	
30	1001171277	1	Decal, Boom Extend	
31	1001172035	1	Decal, No Weld or Drill	
34	1001184632	1	Decal, Battery Positive	
35	1001188372	1	Decal, Sway	
36	1001191229	1	Decal, Fuse Panel	
39	1001200101	1	Decal, Manual	
41	1001207218	1	Decal, Danger Swinging Loads	
42	1001219211	1	Decal, Brake Fluid	
47	1001101895	1	Decal, Warning	
49	1001222650	2	Decal, Axle Lift	

SECTION 11 - DECALS

FIGURE 11-6. DECAL INSTALLATION (ISO) (110 HP)





ART_1001173431_2-P

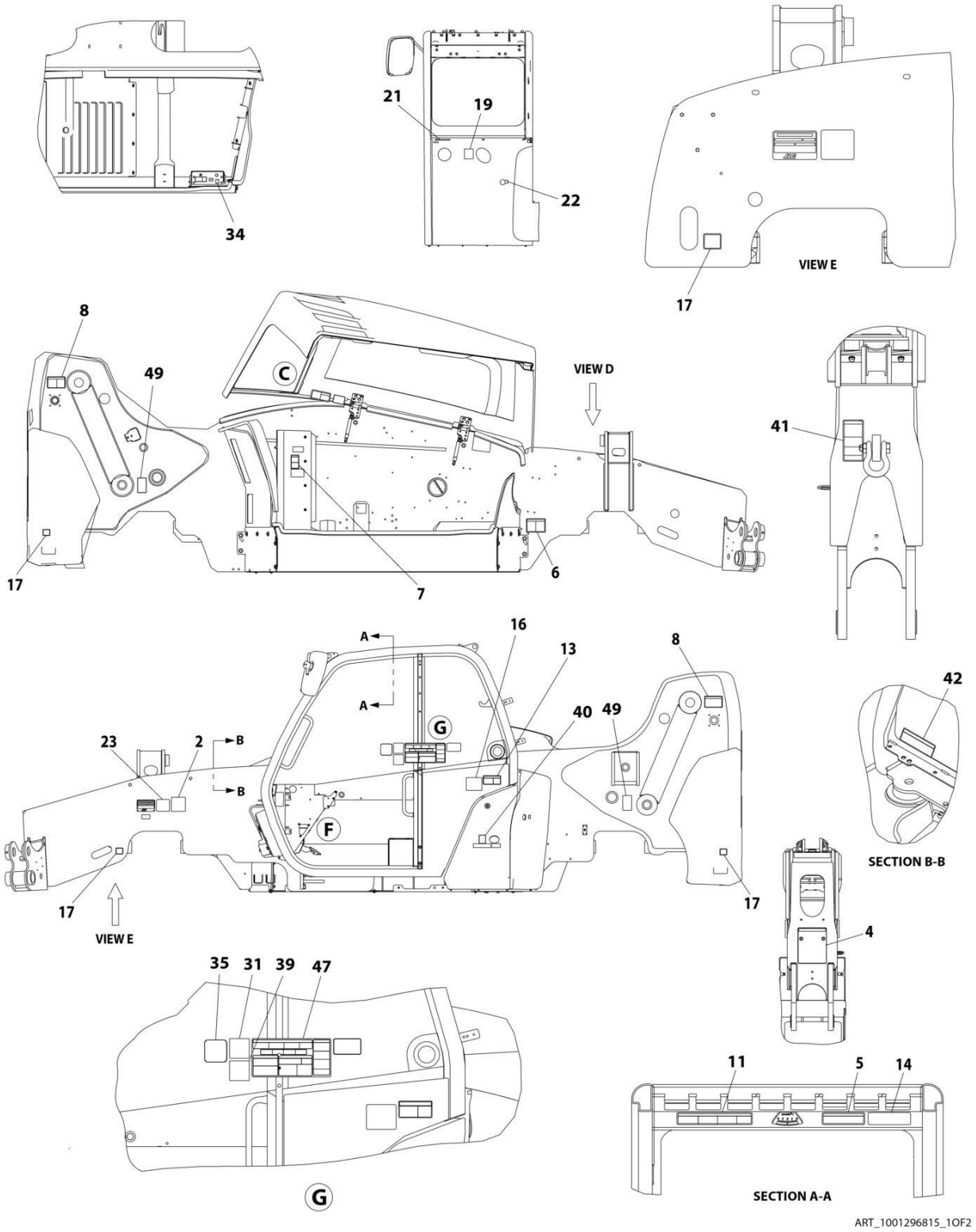
SECTION 11 - DECALS

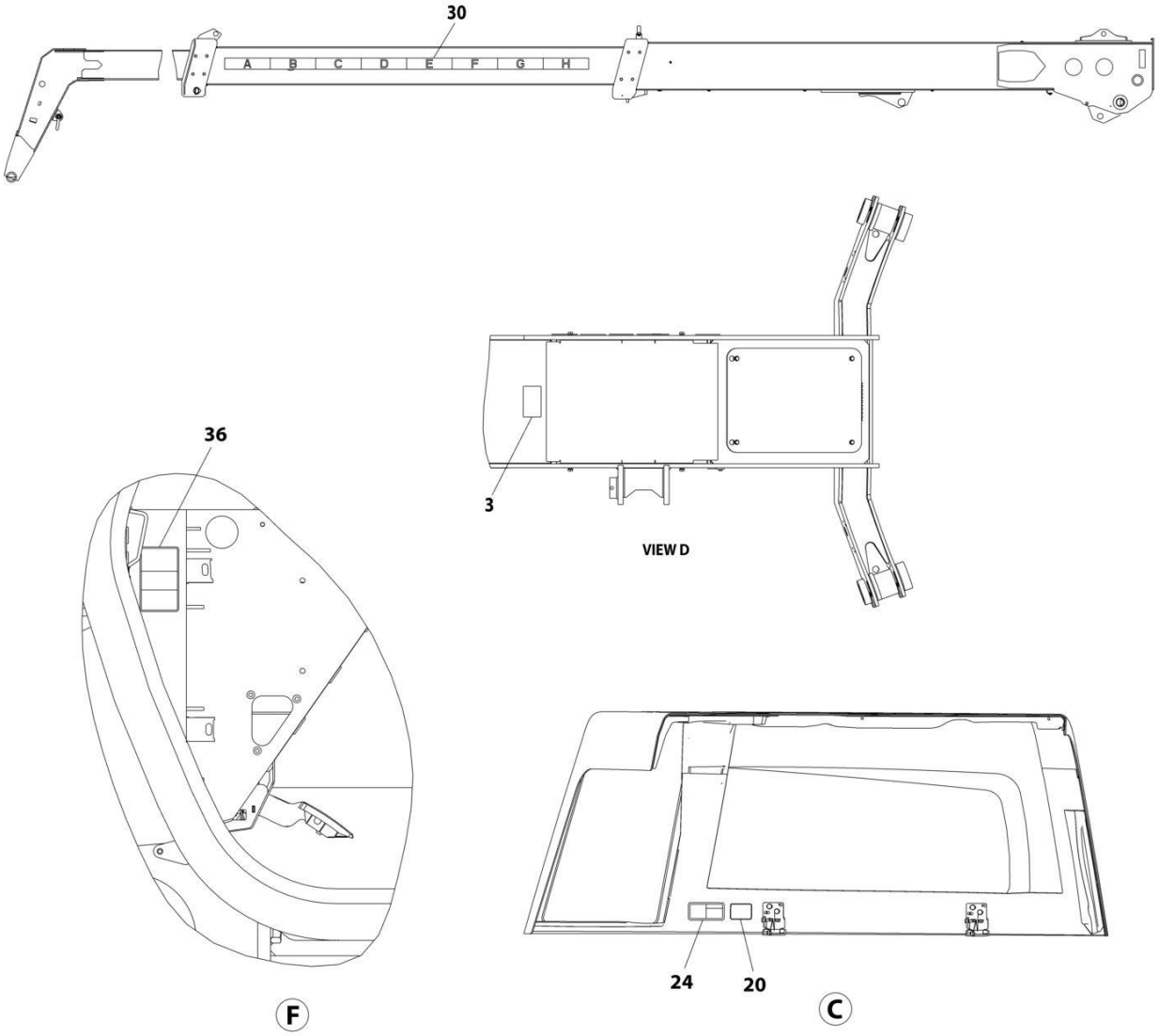
FIGURE 11-6. DECAL INSTALLATION (ISO) (110 HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173431	1	Decal Installation (ISO)	P
2	1702631	1	Decal, Bar Code	
3	1706281	1	Decal, Battery Warning	
4	1706282	1	Decal, Carry Personnel	
5	1706284	1	Decal, Electrocution Hazard	
6	1706098	1	Decal, Ether Warning	
7	1706285	1	Decal, Keep Clear of Rotating Parts Warning	
8	1706292	2	Decal, Pinch Point Boom Holes	
11	1706288	1	Decal, Tip Over Warning	
13	1001092878	1	Decal, No Riders	
14	1001092877	1	Decal, Crush Hazard Warning	
16	3251813	1	Decal, USA	
17	4109801	4	Decal, Tie Down Point	
19	1001094708	1	Decal, Hydraulic Oil	
20	1001109053	1	Decal, Coolant Fill	
22	1001130323	1	Decal, Oil Level	
23	1001131271	1	Decal, Patent	
24	1001139942	1	Decal, Hot Fluid Warning	
25	1001143852	1	Decal, EPA (LS)	
26	1001229575	1	Decal, Nameplate	
30	1001171277	1	Decal, Boom Extend	
31	1001172035	1	Decal, No Weld or Drill	
32	1001173422	1	Decal, MCO 110HP	
34	1001184632	1	Decal, Battery Positive	
35	1001188372	1	Decal, Sway	
36	1001191229	1	Decal, Fuse Panel	
39	1001200101	1	Decal, Manual	
41	1001207218	1	Decal, Danger Swinging Loads	
42	1001219211	1	Decal, Brake Fluid	
45	1001009178	4	Decal, Track Metal	
47	1001101895	1	Decal, Warning	

SECTION 11 - DECALS

FIGURE 11-7. DECAL INSTALLATION (HRC)(110HP)





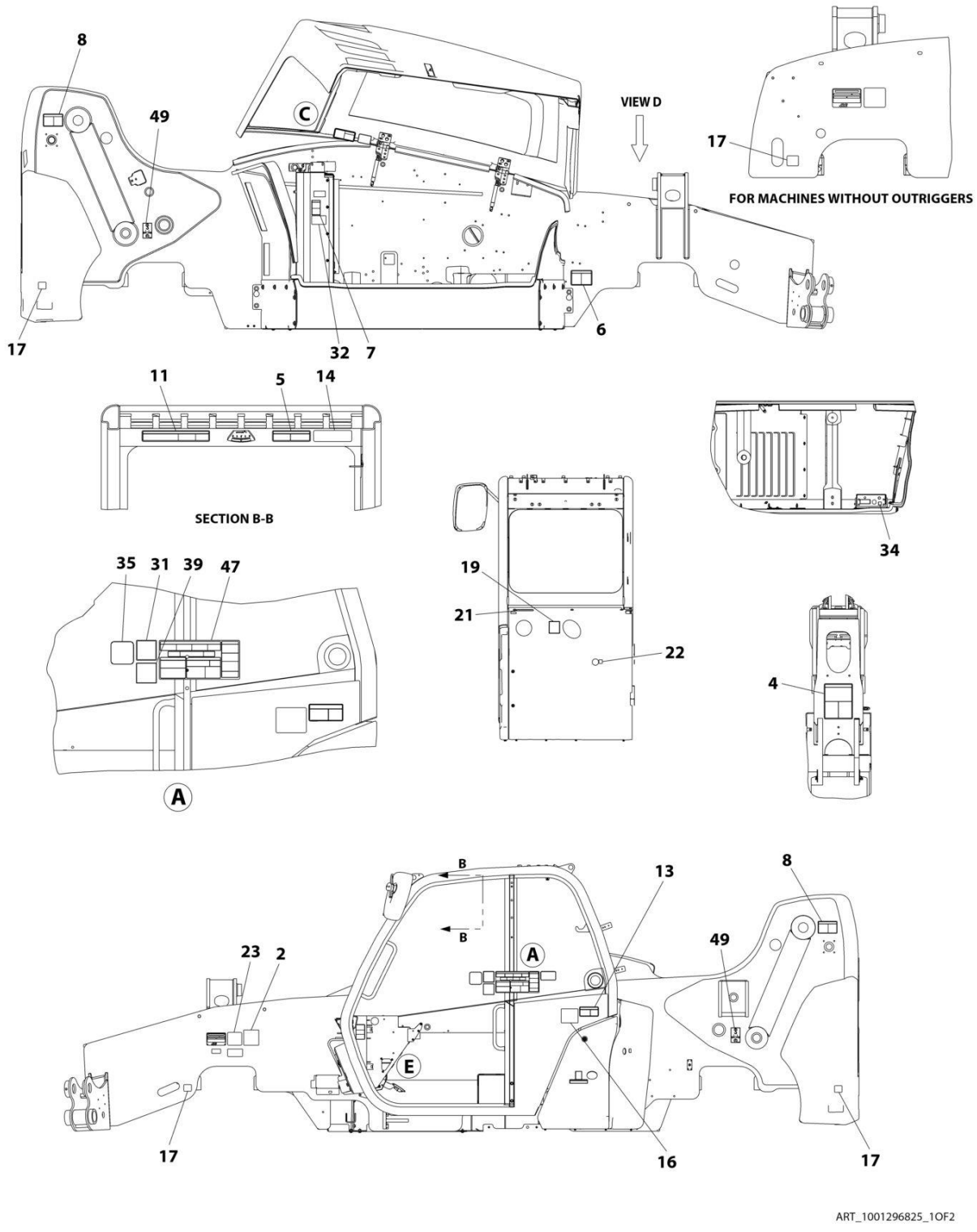
ART_1001296815_2OF2

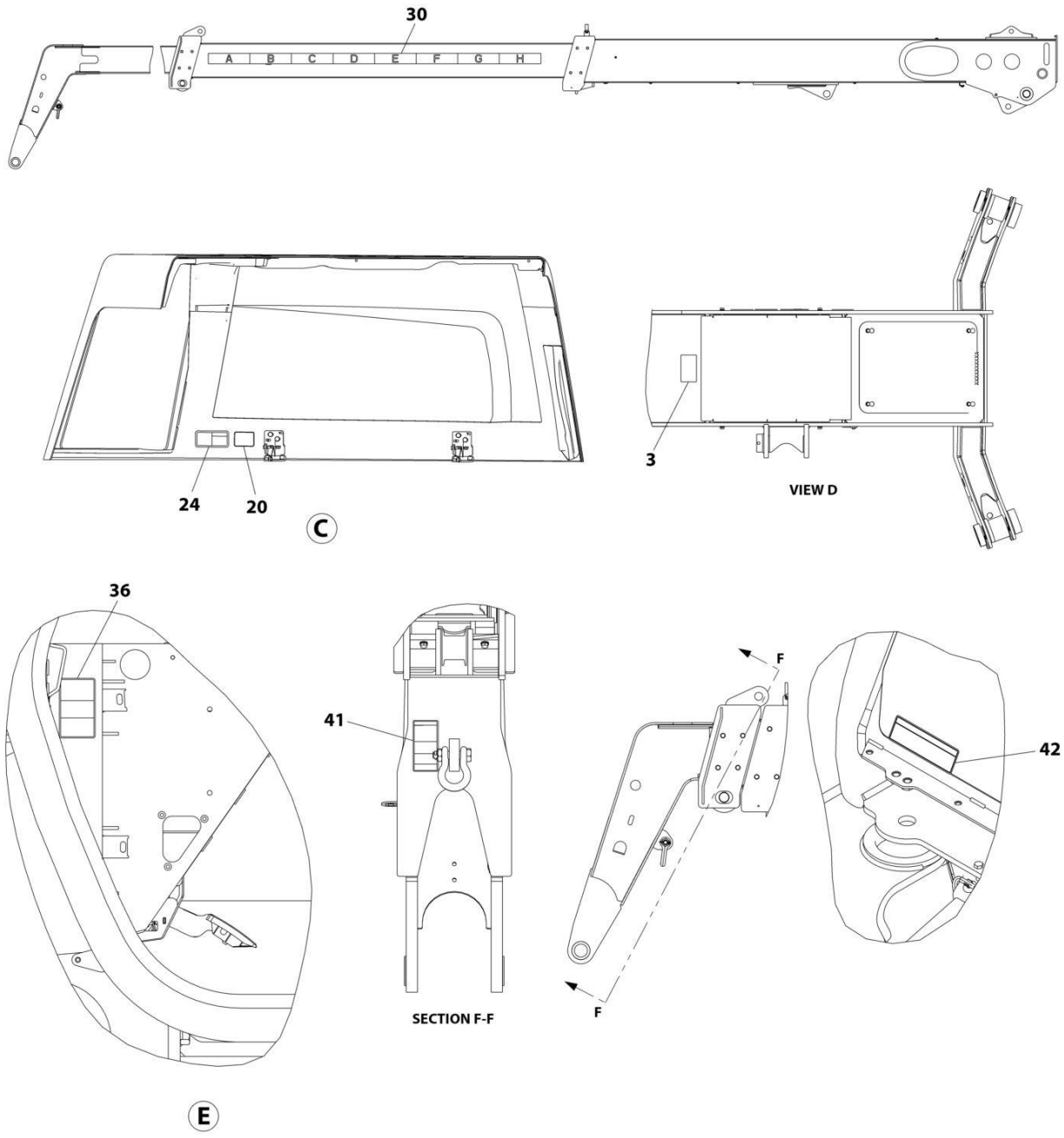
SECTION 11 - DECALS

FIGURE 11-7. DECAL INSTALLATION (HRC)(110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296815	Ref	DECAL INSTALLATION HRC 110HP	A
2	See Note	1	Decal - Bar Code (Note: Not Available for Purchase)	
3	1706281	1	Decal - Battery Warning (ISO)	
4	1706282	1	Decal - Carry Personnel	
5	1706284	1	Decal - Electrocution Hazard (ISO)	
6	1706098	1	Decal - Warning Ether Start	
7	1706285	1	Decal - Moving Parts (ISO)	
8	1706292	2	Decal - Pinch Point	
11	1706288	1	Decal - Tip Over Warning	
13	1001092878	1	Decal - No Riders	
14	1001092877	1	Decal - Crush Hazard Warning	
16	3251813	1	Decal - USA	
17	4109801	4	Decal - Tie Down	
19	1001094708	1	Decal - Hydraulic Oil	
20	1001109053	1	Decal - Coolant Fill	
21	1001218704	1	Decal - Ultra Low Sulfur Diesel	
22	1001130323	1	Decal - Oil Level	
23	1001131271	1	Decal - Patent Telehandlers	
24	1001139942	1	Decal - Hot Fluid Warning	
30	1001171277	1	Decal - Boom Extend	
31	1001172035	1	Decal - No Weld or Drill	
34	1001184632	1	Decal - Battery Positive	
35	1001188372	1	Decal - Sway	
36	1001191229	1	Decal - Fuse Panel	
39	1001200101	1	Decal - Manual Location	
40	1001196806	1	Decal - Diesel Exhaust Fluid	
41	1001207218	1	Decal - Danger Swinging Loads	
42	1001219211	1	Decal - Brake Fluid Spec	
46	1001230310	1	Decal - JLG DEF Tank	
47	1001101895	1	Decal - Warning-Cab	
49	1001222650	2	Decal - Axle Lift	

FIGURE 11-8. DECAL INSTALLATION (HRC)(74HP)





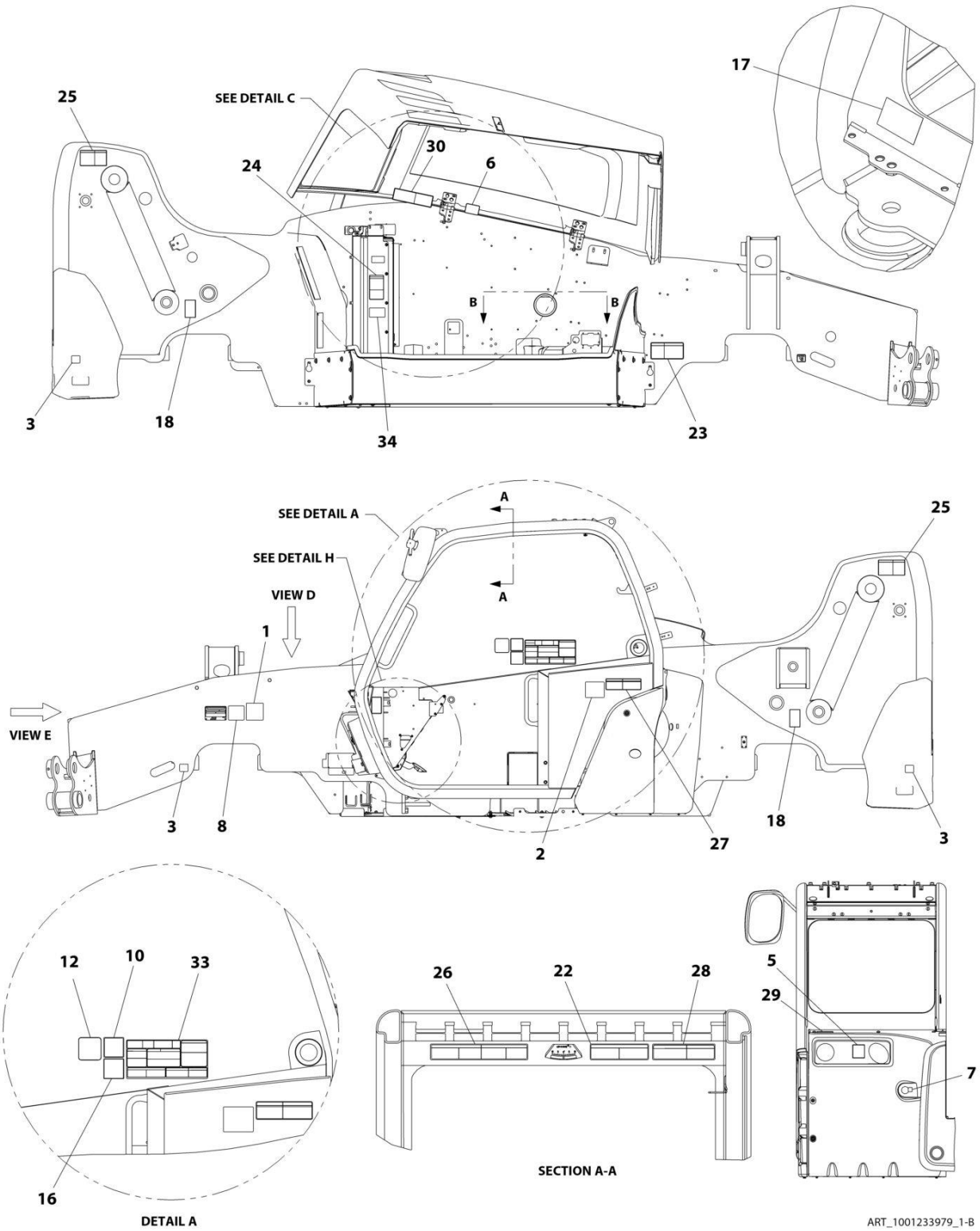
ART_1001296825_2OF2

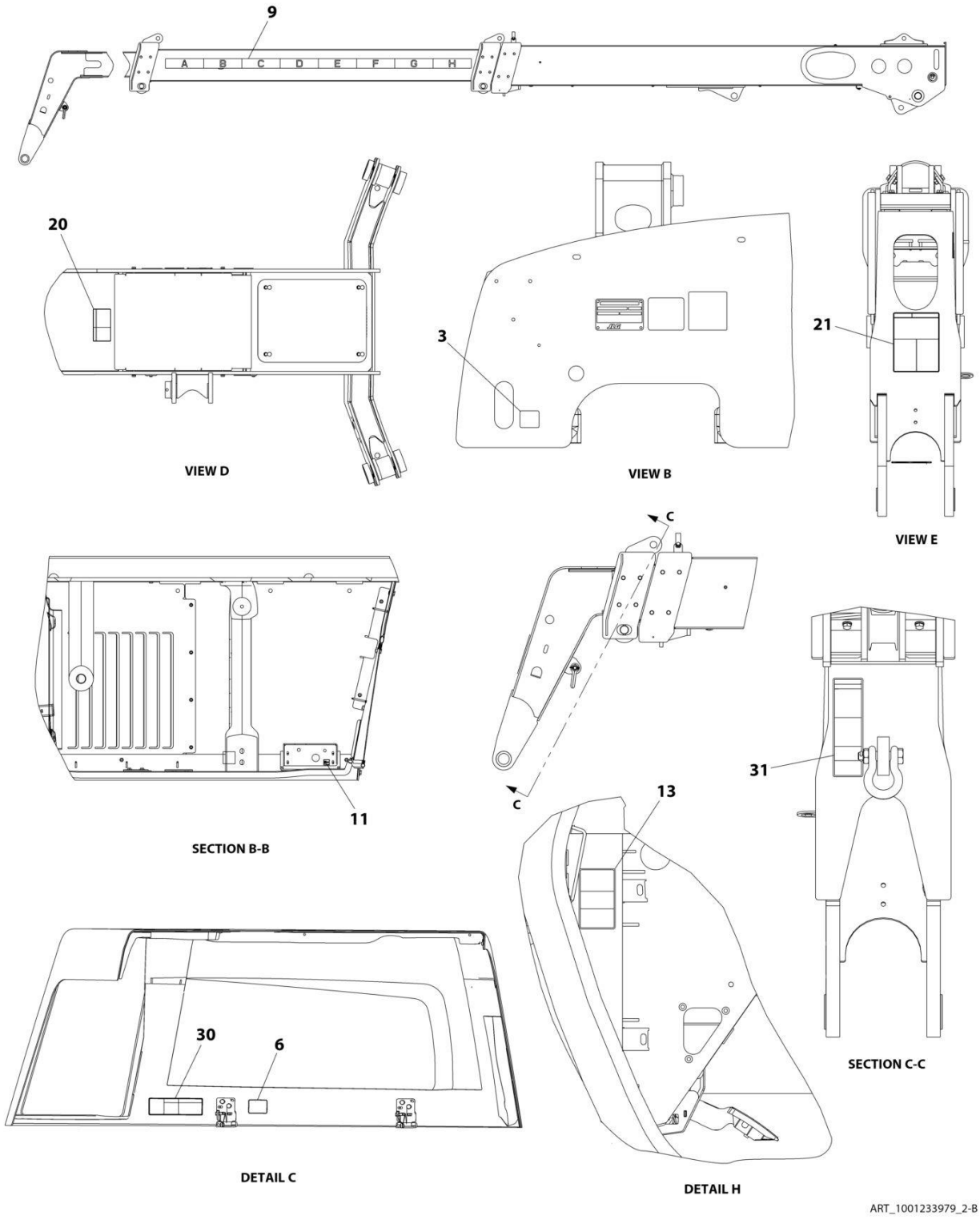
SECTION 11 - DECALS

FIGURE 11-8. DECAL INSTALLATION (HRC)(74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296825	Ref	DECAL INSTALLATION HRC 74HP	A
2	See Note	1	Decal - Bar Code (Note: Not Available for Purchase)	
3	1706281	1	Decal - Battery Warning (ISO)	
4	1706282	1	Decal - Carry Personnel	
5	1706284	1	Decal - Electrocution Hazard (ISO)	
6	1706098	1	Decal - Warning Ether Start	
7	1706285	1	Decal - Moving Parts (ISO)	
8	1706292	2	Decal - Pinch Point	
11	1706288	1	Decal - Tip Over Warning	
13	1001092878	1	Decal - No Riders	
14	1001092877	1	Decal - Crush Hazard Warning	
16	3251813	1	Decal - USA	
17	4109801	4	Decal - Tie Down	
19	1001094708	1	Decal - Hydraulic Oil	
20	1001109053	1	Decal - Coolant Fill	
21	1001218704	1	Decal - Ultra Low Sulfur Diesel	
22	1001130323	1	Decal - Oil Level	
23	1001131271	1	Decal - Patent Telehandlers	
24	1001139942	1	Decal - Hot Fluid Warning	
30	1001171277	1	Decal - Boom Extend	
31	1001172035	1	Decal - No Weld or Drill	
32	1001202626	1	Decal - 74HP SkyTrak	
34	1001184632	1	Decal - Battery Positive	
35	1001188372	1	Decal - Sway	
36	1001191229	1	Decal - Fuse Panel	
39	1001200101	1	Decal - Manual Location	
41	1001207218	1	Decal - Danger Swinging Loads	
42	1001219211	1	Decal - Brake Fluid Spec	
47	1001101895	1	Decal - Warning-Cab	
49	1001222650	2	Decal - Axle Lift	

FIGURE 11-9. DECAL INSTALLATION (LATIN AMERICAN ENGLISH/SPANISH) (74HP)




9
A B C D E F G H
20
VIEW D
3
VIEW B
21
VIEW E
C
C
11
SECTION B-B
31
SECTION C-C
13
30
6
DETAIL C
DETAIL H
ART_1001233979_2-B

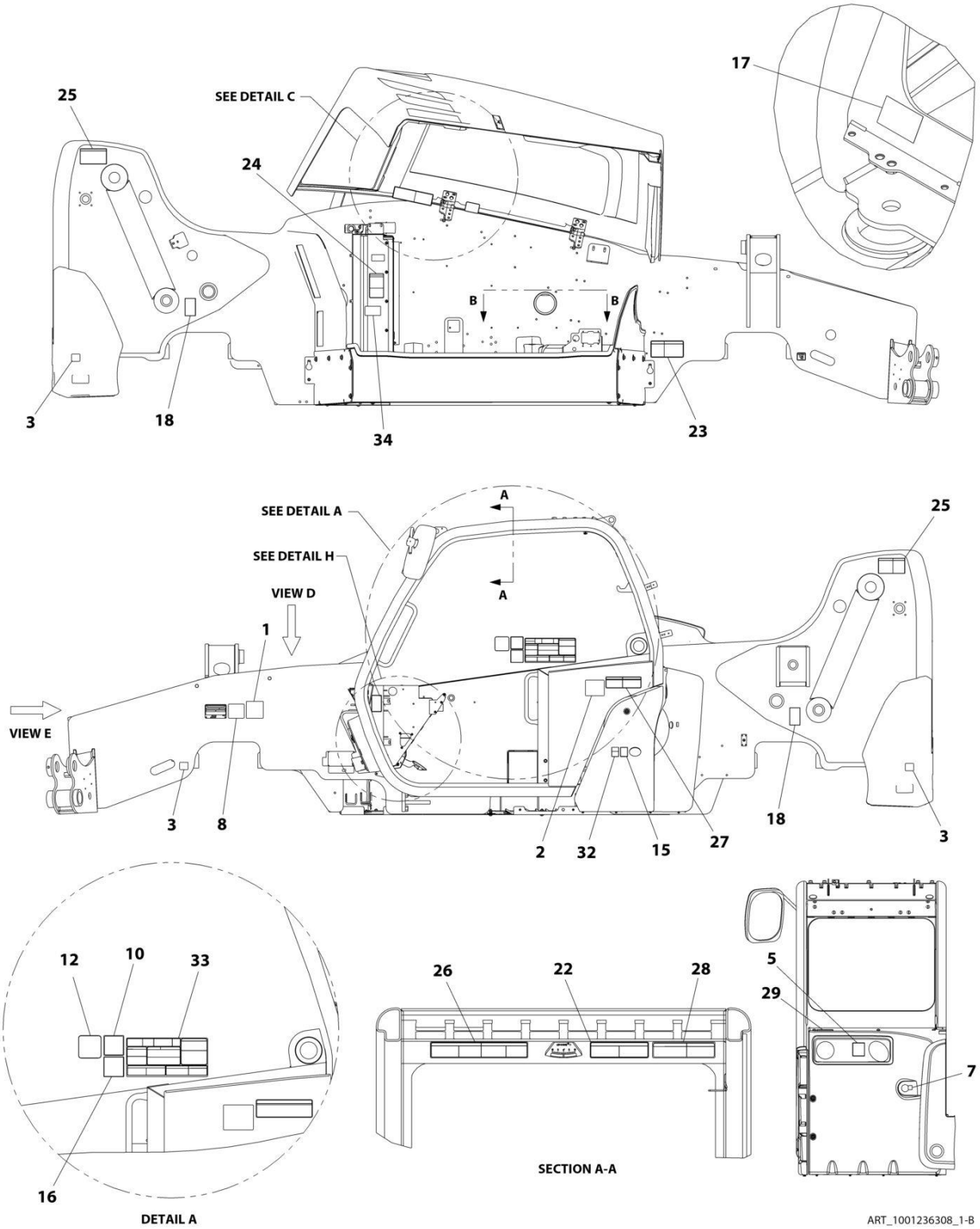
SECTION 11 - DECALS

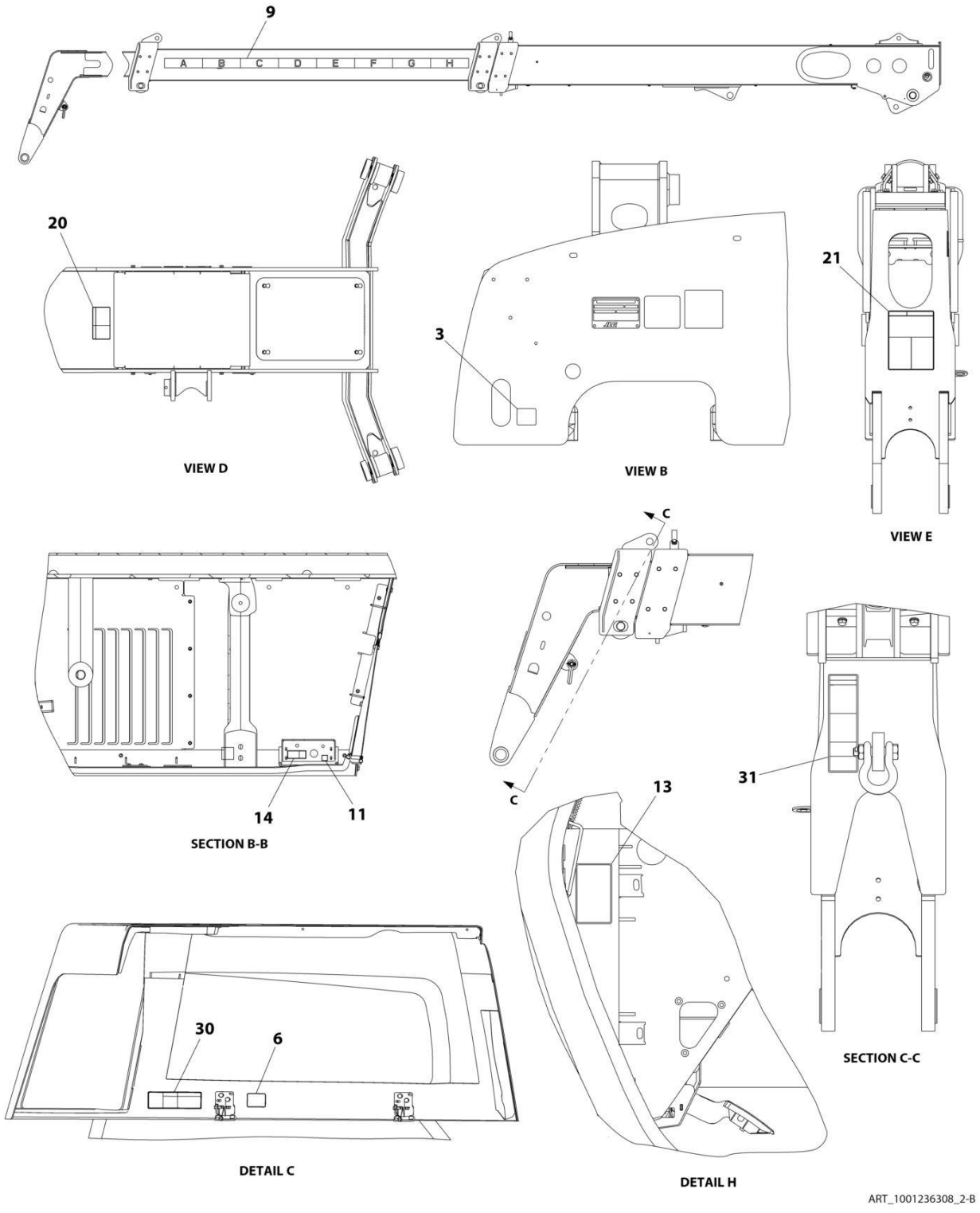
FIGURE 11-9. DECAL INSTALLATION (LATIN AMERICAN ENGLISH/SPANISH) (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233979	Ref	Decal Installation	B
1	1702631	1	Decal, Bar Code	
2	3251813	1	Decal, USA	
3	4109801	4	Decal, Tie Down Point	
5	1001094708	1	Decal, Hydraulic Oil	
6	1001109053	1	Decal, Coolant Fill	
7	1001130323	1	Decal, Oil Level	
8	1001131271	1	Decal, Patent	
9	1001171277	1	Decal, Boom Extend	
10	1001172035	1	Decal, No Weld or Drill	
11	1001184632	1	Decal, Battery Positive	
12	1001188372	1	Decal, Sway	
13	1001191229	1	Decal, Fuse Panel	
16	1001200101	1	Decal, Manual	
17	1001219211	1	Decal, Brake Fluid	
18	1001222650	2	Decal, Axle Lift	
20	1001235794	1	Decal, Battery Warning	
21	1001235796	1	Decal, Carry Personnel	
22	1001235797	1	Decal, Electrocution Hazard	
23	1001235798	1	Decal, Warning No Either	
24	1001235799	1	Decal, Moving Parts	
25	1001235800	2	Decal, Pinch Point	
26	1001235801	1	Decal, Warning Tip Over	
27	1001235802	1	Decal, No Riders	
28	1001235803	1	Decal, Warning Crushing Hazard	
29	1001235804	1	Decal, Ultra Low Sulfur Diesel	
30	1001235805	1	Decal, Warning Hot Fluid	
31	1001235807	1	Decal, Danger Swinging Loads	
33	1001235809	1	Decal, Warning/Danger Cab	
34	1001236313	1	Decal, MCO 74HP	

SECTION 11 - DECALS

FIGURE 11-10. DECAL INSTALLATION (LATIN AMERICAN ENGLISH/SPANISH) (110HP)




9
A
B
C
D
E
F
G
H
20
VIEW D
3
VIEW B
21
VIEW E
C
C
14
11
SECTION B-B
31
SECTION C-C
13
30
6
DETAIL C
DETAIL H
ART_1001236308_2-B

SECTION 11 - DECALS

FIGURE 11-10. DECAL INSTALLATION (LATIN AMERICAN ENGLISH/SPANISH) (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236308	Ref	Decal Installation	B
1	1702631	1	Decal, Bar Code	
2	3251813	1	Decal, USA	
3	4109801	4	Decal, Tie Down Point	
5	1001094708	1	Decal, Hydraulic Oil	
6	1001109053	1	Decal, Coolant Fill	
7	1001130323	1	Decal, Oil Level	
8	1001131271	1	Decal, Patent	
9	1001171277	1	Decal, Boom Extend	
10	1001172035	1	Decal, No Weld or Drill	
11	1001184632	1	Decal, Battery Positive	
12	1001188372	1	Decal, Sway	
13	1001191229	1	Decal, Fuse Panel	
14	1001195855	1	Decal, Battery Disconnect	
15	1001196806	1	Decal, Diesel Exhaust Fluid	
16	1001200101	1	Decal, Manual	
17	1001219211	1	Decal, Brake Fluid	
18	1001222650	2	Decal, Axle Lift	
20	1001235794	1	Decal, Battery Warning	
21	1001235796	1	Decal, Carry Personnel	
22	1001235797	1	Decal, Electrocution Hazard	
23	1001235798	1	Decal, Warning No Either	
24	1001235799	1	Decal, Moving Parts	
25	1001235800	2	Decal, Pinch Point	
26	1001235801	1	Decal, Warning Tip Over	
27	1001235802	1	Decal, No Riders	
28	1001235803	1	Decal, Warning Crushing Hazard	
29	1001235804	1	Decal, Ultra Low Sulfur Diesel	
30	1001235805	1	Decal, Warning Hot Fluid	
31	1001235807	1	Decal, Danger Swinging Loads	
32	1001235808	1	Decal, JLG DEF Tank Service	
33	1001235809	1	Decal, Warning/Danger Cab	
34	1001236312	1	Decal, MCO 130HP	

FIGURE 11-11. BRAND AND MODEL DECAL INSTALLATION

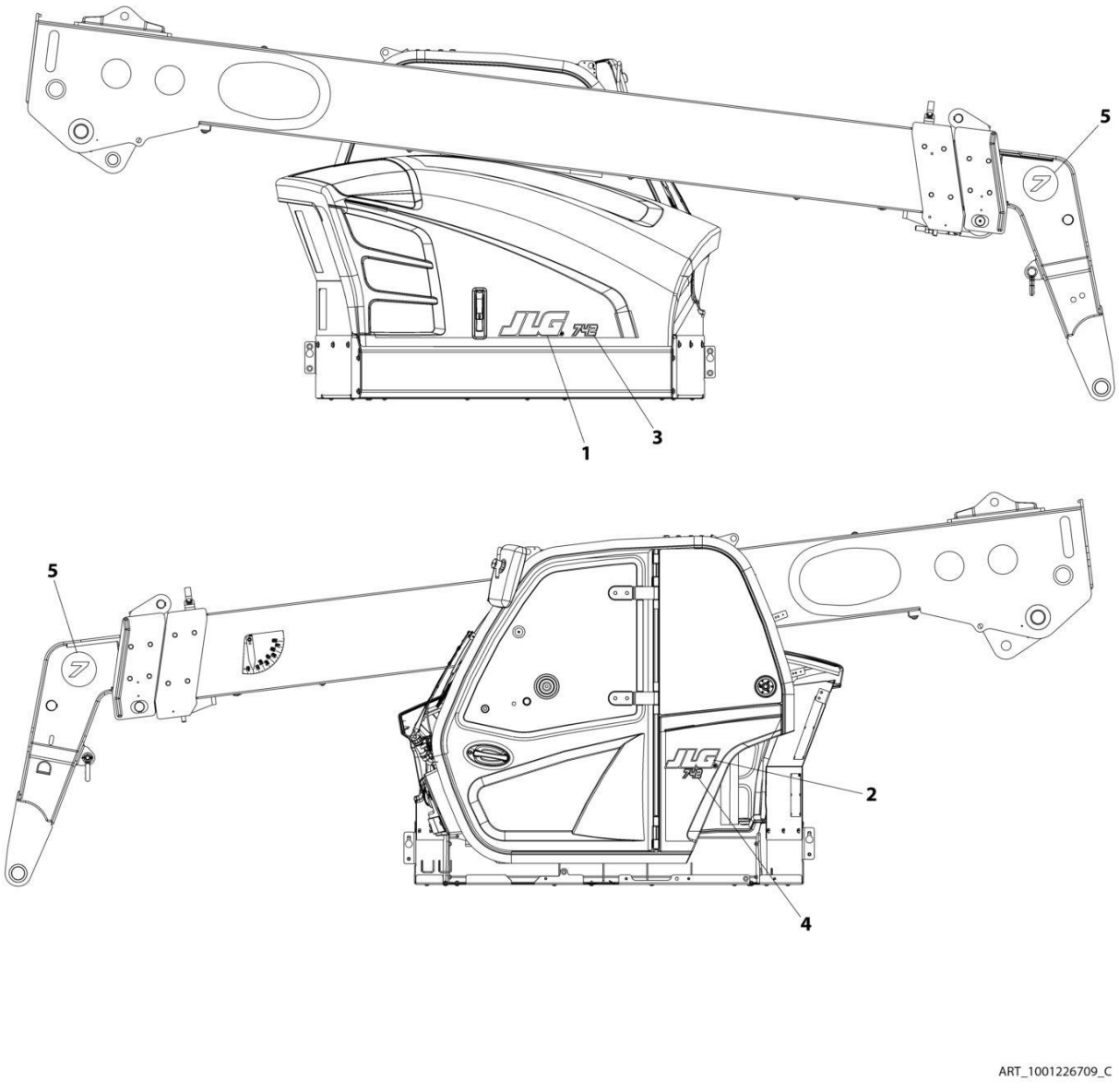
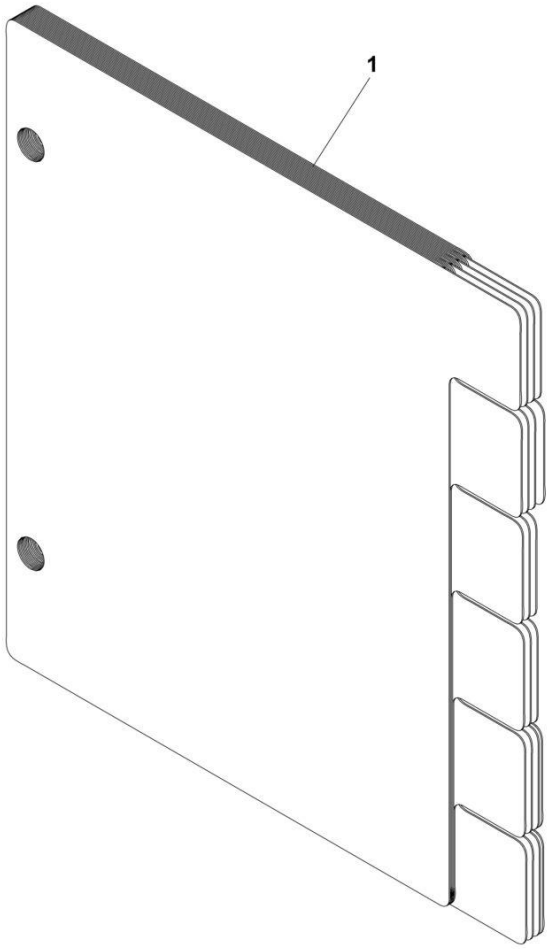


FIGURE 11-11. BRAND AND MODEL DECAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226709	Ref	BRAND AND MODEL DECAL INSTALLATION	C
1	1001160775	1	Decal, JLG 5 Black	
2	1001169674	1	Decal, JLG	
3	1001276749	1	Decal, JLG 742	
4	1001276750	1	Decal, JLG 742 Cab	
5	1001279164	2	Decal, Boom Head 7K	

FIGURE 11-12. CAPACITY CHART BOOKLET (ANSI)

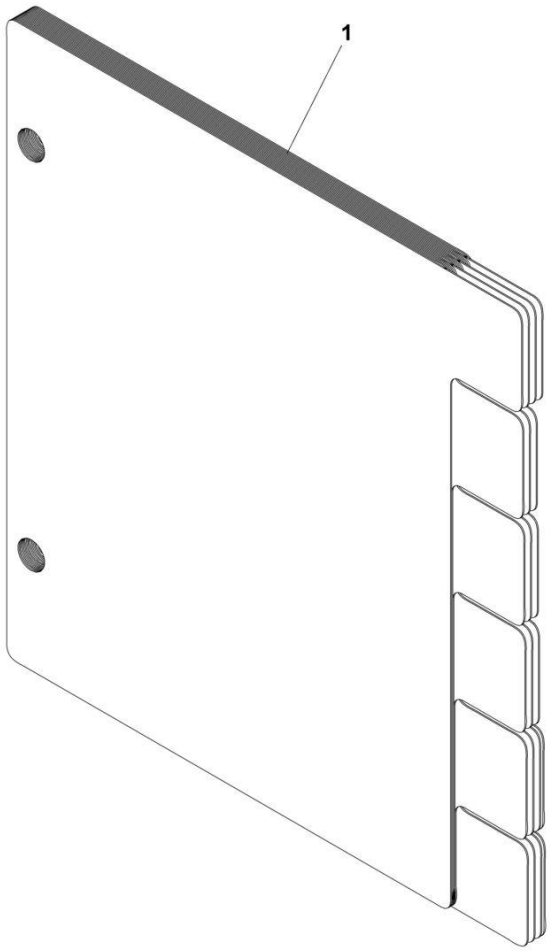


ART_1001226012_G

FIGURE 11-12. CAPACITY CHART BOOKLET (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001226012	1	Capacity Chart Booklet (ANSI) - 742	G

FIGURE 11-13. CAPACITY CHART BOOKLET (ISO)



ART_1001226013-F

FIGURE 11-13. CAPACITY CHART BOOKLET (ISO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001226013	1	Capacity Chart Booklet (ISO) - 742	F

FIGURE 11-14. CAPACITY CHART HOLDER INSTALLATION

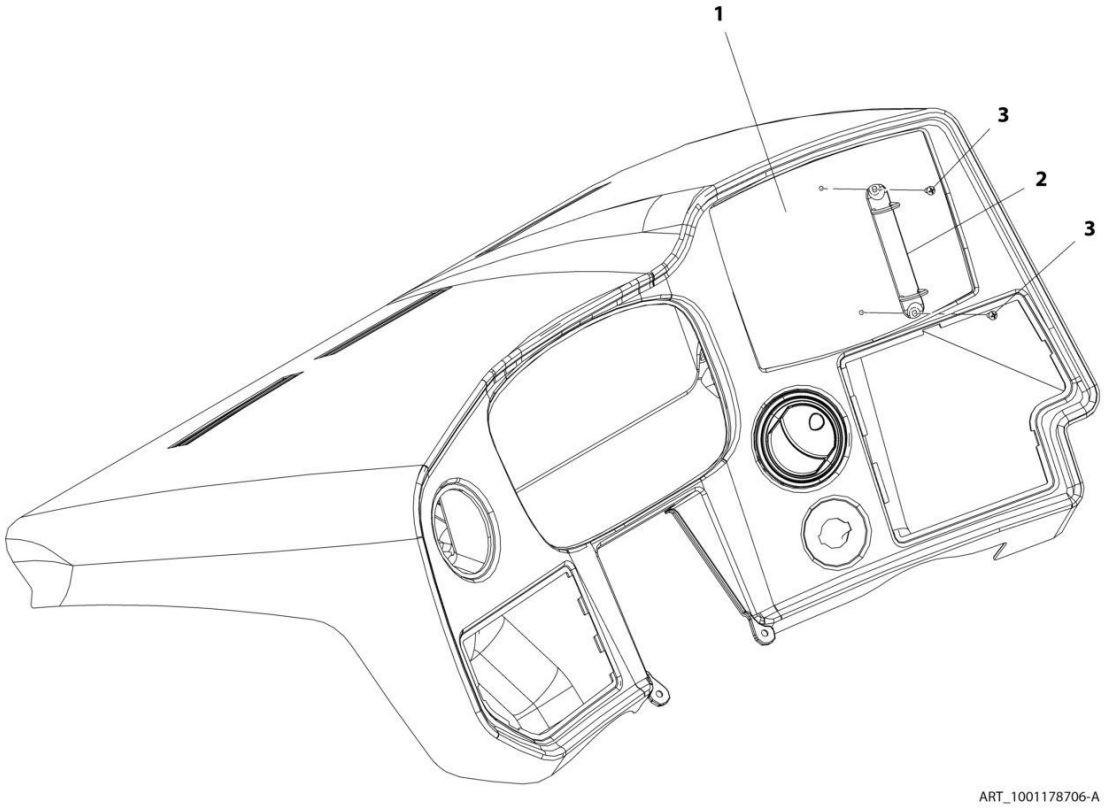


FIGURE 11-14. CAPACITY CHART HOLDER INSTALLATION

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 11-15. CLEARSKY DECAL INSTALLATION

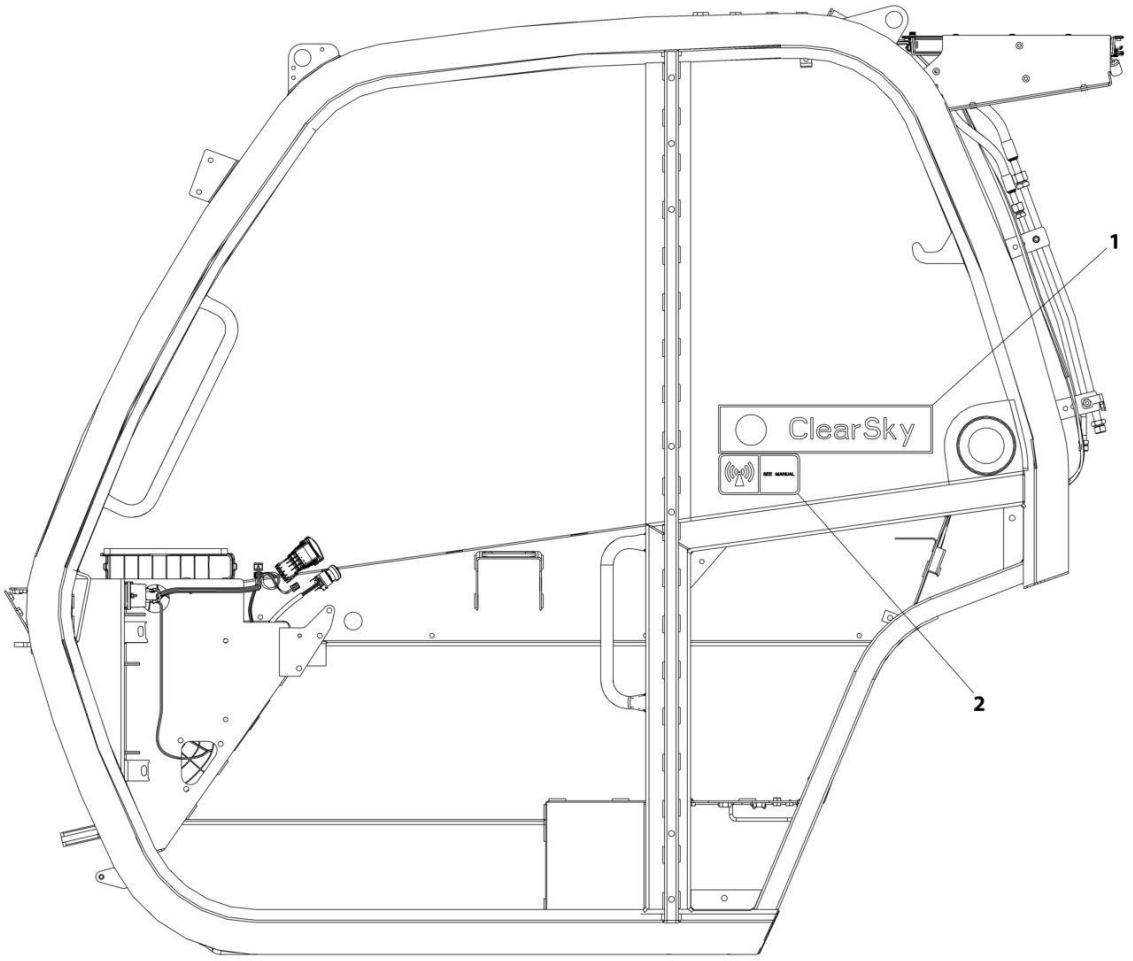


FIGURE 11-15. CLEARSKY DECAL INSTALLATION

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

FIGURE 11-16. REVERSE SENSING SYSTEM DECAL (ANSI)

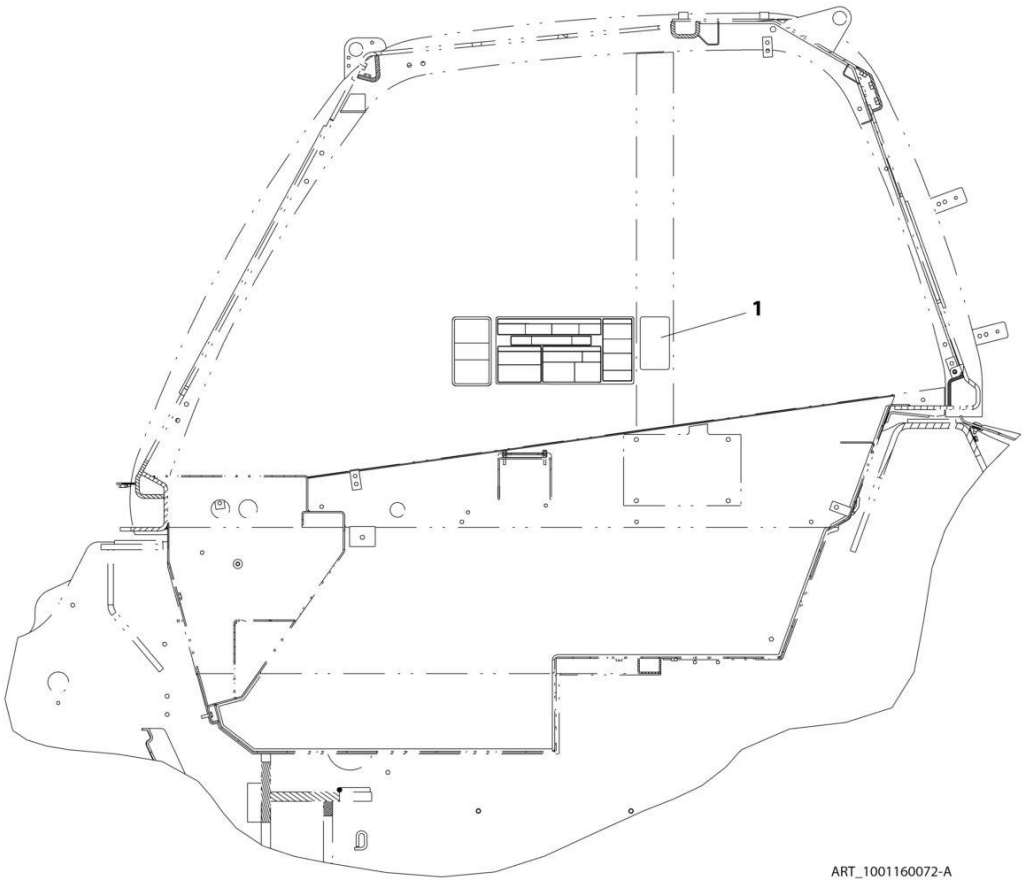


FIGURE 11-16. REVERSE SENSING SYSTEM DECAL (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001160072	1	Reverse Sensor System Decal (English)	A

FIGURE 11-17. REVERSE SENSING SYSTEM DECAL (CSA)

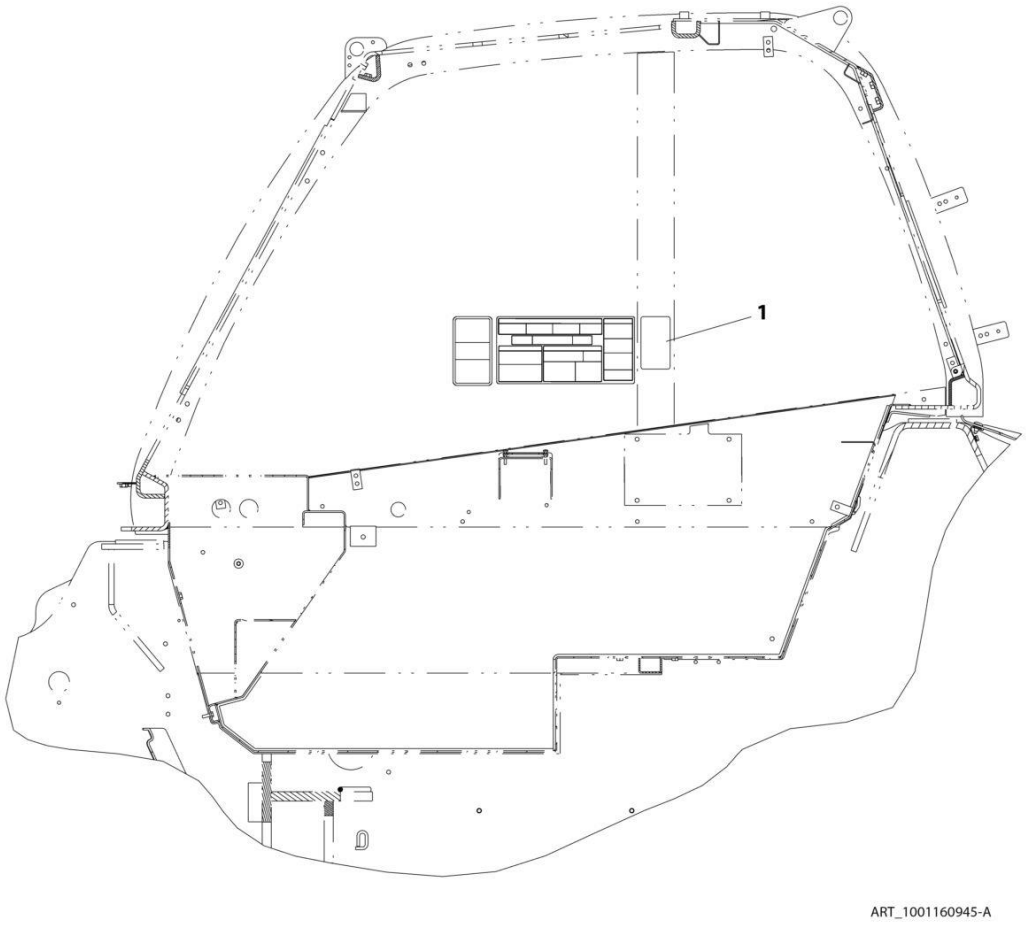


FIGURE 11-17. REVERSE SENSING SYSTEM DECAL (CSA)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001160945	1	Reverse Sensor System Decal (ENGLISH/FRENCH)	A

FIGURE 11-18. REVERSE SENSOR SYSTEM DECAL (ENGLISH/SPANISH)

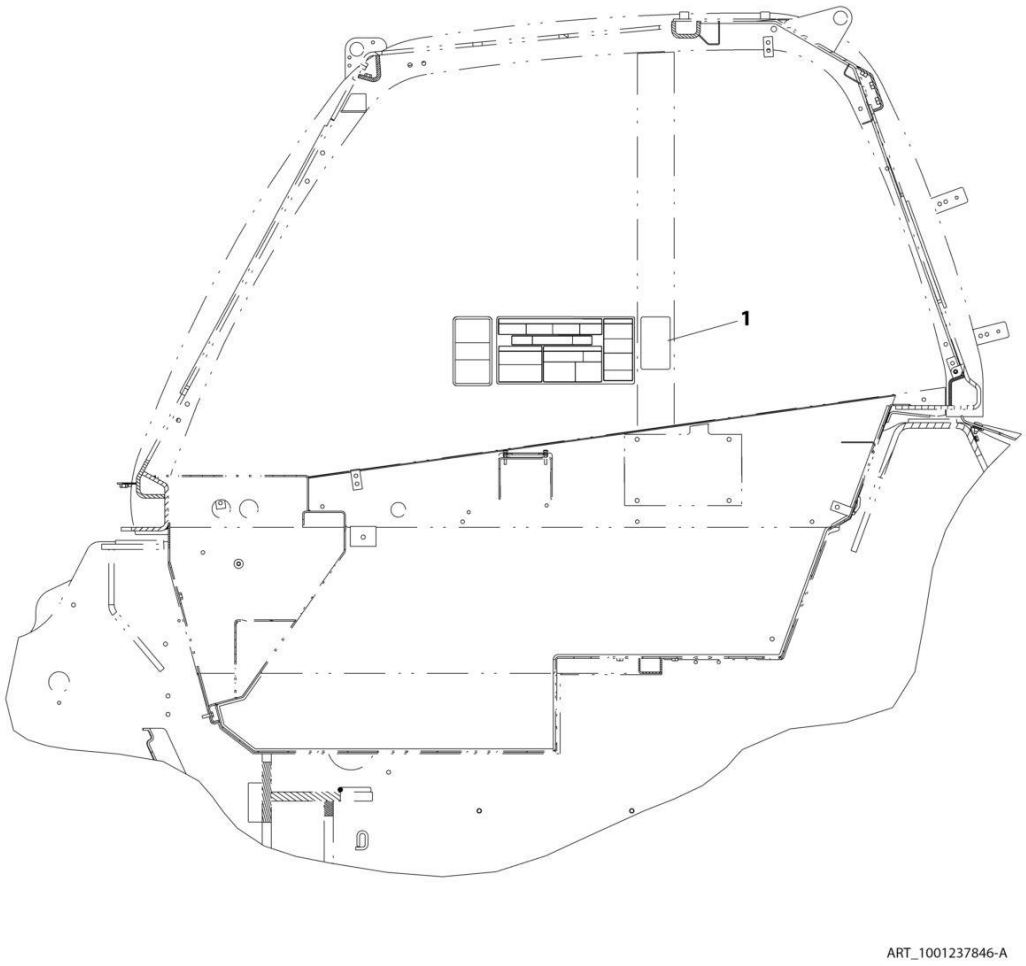


FIGURE 11-18. REVERSE SENSOR SYSTEM DECAL (ENGLISH/SPANISH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001237846	Ref	REVERSE SENSOR SYSTEM DECAL (ENGLISH/SPANISH LANGUAGES)	A

FIGURE 11-19. REVERSE SENSING SYSTEM DECAL (ISO)

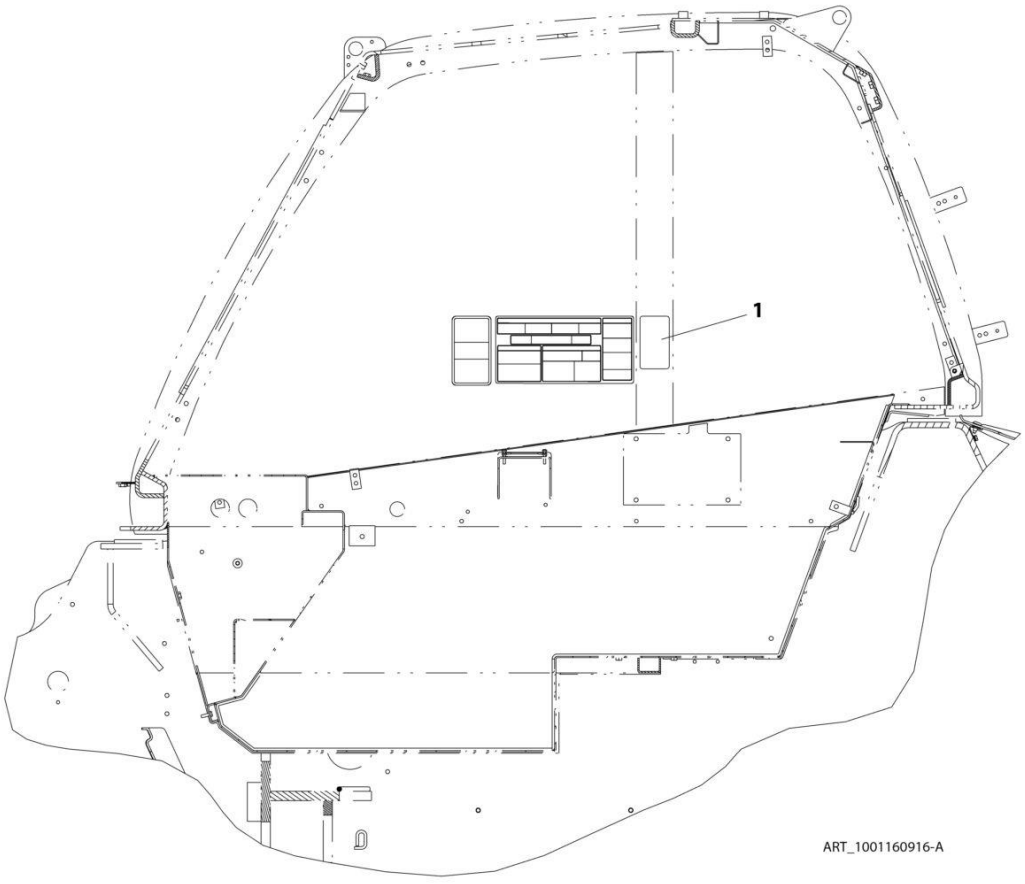


FIGURE 11-19. REVERSE SENSING SYSTEM DECAL (ISO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001160916	1	Reverse Sensor System Decal (ISO)	A

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.	
	70029597	1	Coil, 12V (Drywall Carriage Assembly)	
	70028281	1	Coil (Ride Control)	
	70021208	1	Coil (Frame Level Valve)	
	70002386	1	Coil (Parking Brake Valve)	
	70002963	1	Coil (Priority Valve & Sahr Brake Valve)	
	70003788	1	Coil (Stabilizer Valve)	
	70026582	1	Coil (Steering Select Valve)	
	70020764	1	Coil (Quick Coupler)	
	1001159028	1	Controller, Accelerator	
	1001197137	1	Controller, Brake	
	1001222609	1	Controller, Joystick (Elobau Brand)	
	1001298306	1	Controller, Joystick (Bosch/Rexroth Brand)	
	1001177597	2	Diode, 6amp (Cab Harness & Engine Harness 110HP ULS)	
		Ref	Engine - Cummins 74HP ULS	
	70026453	12	Element, Secondary Fuel	
	70026234	12	Element, Primary Fuel	
	70026237	12	Filter, Oil	
	70025852	12	Filter, Primary Air	
	70025853	12	Filter, Secondary Air	
		Ref	Engine - Cummins 110HP ULS	
	70026237	12	Filter, Oil	
	70025850	12	Filter, Primary Air	
	70025851	12	Filter, Secondary Air	
	8229242	2	Fuse, 5A	
	80983191	2	Fuse, 10A	
	8229244	2	Fuse, 15A	
	1001131177	2	Fuse, Power Module	
	1001205172	1	Relay, 35A	
		Ref	Engine - Cummins 110HP LS	
	70026234	12	Element, Primary Fuel	
	70026801	12	Element, Secondary Fuel	
	1001133534	12	Filter, Fuel	
	70026237	12	Filter, Oil	
	70025850	12	Filter, Primary Air	
	70025851	12	Filter, Secondary Air	
	1001162662	12	Filter, Breather	
	8229261	2	Fuse, 5A (ASOV)	
	8229242	2	Fuse, 5A (Cab Electrical Board, Cab Option 1 Board & Clearsky Canbus Harness)	
	8229234	2	Fuse, 10A (ASOV)	
	80983191	2	Fuse, 10A (Cab Electrical Board, Cab Option 1 Board & Cab Option 2 Board)	
	8229244	2	Fuse, 15A (Cab Option 2 Board & Frame - Power Distribution Box)	
	8229235	2	Fuse, 20A (ASOV)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8229247	2	Fuse, 25A (Cab Option 1 Board & Frame - Power Distribution Box)	
	8229245	2	Fuse, 30A (Cab Electrical Board & Frame - Power Distribution Box)	
	70026297	2	Fuse, 80A (Frame - Power Distribution Box)	
	1001095336	2	Fuse, 150A (Frame - Power Distribution Box)	
	70026296	2	Fuse, 200A (Frame - Power Distribution Box)	
	70022765	1	Key, Ignition	
	2940074	1	Latch (Fork Mounted Basket)	
	1001203181	1	Module, Accessory (ASOV)	
	1001270466	1	Module, Cab	
	1001229955	1	Module (ClearSky 2 ANSI)	
	1001239194	1	Module (ClearSky 2 CE)	
	1001270467	1	Module, Front Frame Control	
	1001270468	1	Module, Rear Frame Control	
	1001272659	1	Module, 3W GT1030 (ClearSky 3 WireI)	
	3740080	1	Relay (ASOV & Cab Seat Belt Alarm Harness)	
	1001117308	1	Relay (Engine Bay Electrical Installation)	
	70026292	1	Relay, 35A (Cab Electrical Board)	
	70026295	1	Relay, 35A (Frame-Power Distribution Box)	
	70026293	1	Relay, 50A (Cab Option 1 Board)	
	70026294	1	Relay, 70A (Frame-Power Distribution Box)	
	4000015	1	Sensor, Angle (Boom Angle Sensor Installation-LSI)	
	1001121955	1	Sensor, Coolant Level	
	1001147340	1	Sensor, Pressure Transducer Cab Hydraulics)	
	1001183024	1	Sensor, Proximity (Cab LSI Installation)	
	1001247421	1	Sensor, Reverse	
	1001269578	1	Sensor, Temperature (Heater & A/C Assembly)	
	1001128478	1	Sensor, Temperature (Hydraulic Tank)	
	1001104654	1	Switch, AUX (Cab Dash)	
	1001159746	1	Switch, Auxiliary Electric (Boom Aux Electric Installation)	
	1001159738	1	Switch, Beacon	
	1001159745	1	Switch, Boom Ride (Ride Control)	
	1001159739	1	Switch, Boom Work Lights	
	1001192142	1	Switch, Disconnect (Engine Bay Electrical Installation)	
	1001163639	1	Switch, Driving Lights (Lights-Switch Installation)	
	1001239793	1	Switch, FNR 4 Speed (Cab Dash)	
	1001212470	1	Switch, Frame Level (Cab Dash)	
	1001159845	1	Switch, Front Worklights (Cab Worklights)	
	1001159734	1	Switch, Hazard (Roadlights)	
	1001169268	1	Switch, Horn	
	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	
	1001159753	1	Switch, Park Brake	
	1001080375	1	Switch, Quick Coupler (Boom Aux Hydraulics)	
	1001159735	1	Switch, Rear Wiper (Enclosed Cab)	
	1001159846	1	Switch, Rear Worklights (Cab Worklights)	
	1001159736	1	Switch, Roof Wiper (Enclosed Cab)	
	1001159849	1	Switch, Steer Mode (Cab Dash)	
	1001215941	1	Switch, Toggle (ASOV)	
	1001256974	1	Switch, Turn-Wiper (Wiper-Turn Switch Installation)	

SECTION 12 - RECOMMENDED SERVICE PARTS STOCK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001102502	1	Switch, 4 Position Key	

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	
	1001254401	Ref	Access Control Kit	
	1001202371	Ref	Aftermarket Kits	T
	1001249695	Ref	Analyzer and Cable Kit	
	1001249941	Ref	Battery Powered Analyzer Cable Kit	
	1001199376	Ref	Beacon Kit	
	1001211988	Ref	Boom Kit	
	1001208645	Ref	Boom Wear Pads Kit	
	1001211986	Ref	Boom Wiper Kit	
	1001237761	Ref	Breather Heater Kit (74HP)	
	1001213286	Ref	Cab Display Kit	
	1001210341	Ref	Cab Electrical Option 1	
	1001210342	Ref	Cab Electrical Option 2	
	1001290616	1	Cab Electrical Prep Installation - Open	
	1001199381	Ref	Cab Guard Kit (Front)	
	1001199380	Ref	Cab Guard Kit (Top)	
	1001199382	Ref	Cab Guard Kit (Front and Top)	
	1001213334	Ref	Cab Enclosure Kit	
	1001213342	Ref	Cab Enclosure Kit with Heater (ULS /LS)	
	1001213343	Ref	Cab Enclosure Kit with Heater and A/C (ULS) (ANSI, ANSI Export and Canada)	
	1001213344	Ref	Cab Enclosure Kit with Heater and A/C (LS) (ANSI Export and Latin America)	
	1001213336	Ref	Cab Heater Kit (ULS /LS)	
	1001213339	Ref	Cab Heater and A/C Kit (ULS) (ANSI, ANSI Export and Canada)	
	1001213340	Ref	Cab Heater and A/C Kit (LS) (ANSI Export and Latin America)	
	1001213349	Ref	Cab Heater - Upgrader from Heater Only to Heater and A/C Kit (ULS) (ANSI, ANSI Export and Canada)	
	1001213350	Ref	Cab Heater - Upgrader from Heater Only to Heater and A/C Kit (LS) (ANSI Export and Latin America)	
	1001268341	Ref	Camera (Rear View) Add-on Kit (Dealer Installed)	
	1001243187	Ref	ClearSky Telematics Kit - Canbus (North America) (ANSI, ANSI Export and Canada)	
	1001243188	Ref	ClearSky Telematics Kit - Canbus (CE) (ANSI Export and CE)	
	1001254389	Ref	ClearSky Telematics Kit - Canbus (North America) (ANSI and Canada)	
	1001254390	Ref	ClearSky Telematics Kit - Canbus (CE) (ANSI Export and CE)	
	1001276923	Ref	ClearSky Telematics Add-on Kit (Contact JLG for Approved Countries)	
	1001254400	Ref	ClearSky Telematics Extension Kit - Canbus	
	1001291382	1	ClearSky Prep Installation	
	1001211991	Ref	Cold Weather Kit (ULS) (ANSI, ANSI Export and Canada)	
	1001211992	Ref	Cold Weather Kit (LS) (ANSI Export and Latin America)	
	1001242264	Ref	Cold Weather Kit (74HP) (ANSI, ANSI Export and Canada)	
	1001211917	Ref	Decal Kit - Replacement 642/742	
	1001238953	Ref	DEF Sensor Upgrade Kit (ANSI, ANSI Export and Canada)	
	1001148902	Ref	Electrical Connector Kit - Amp/Tyco Electrical Connectors	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001148903	Ref	Electrical Connector Kit - Deutsch DT Electrical Connectors	
	1001148904	Ref	Electrical Connector Kit - Deutsch HD Electrical Connectors	
	1001148905	Ref	Electrical Connector Kit - Packard Electrical Connectors	
	1001148906	Ref	Electrical Connector Kit - Various Electrical Connectors	
	1001272892	Ref	EROPS Service Kit	
	1001214167	Ref	External Rear Window Release Kit	
	1001199378	Ref	Fender Kit	
	1001208643	Ref	Filter Kit - 250Hour (ANSI, ANSI Export and Canada)	
	1001208644	Ref	Filter Kit - 1000Hour (ANSI, ANSI Export and Canada)	
	1001239961	Ref	Fire Extinguisher Kit	
	1001278325	Ref	Fuel Cap Cover Kit	
	1001302426	Ref	Joystick Kit	
	1001209981	Ref	Lights – Boom Worklight Kit	
	1001230106	Ref	Lights - Roadlights Kit (No Outriggers)	
	1001208847	Ref	Lights - Worklight Kit	
	1001235921	Ref	Lights - Worklight Kit (LED)	
	1001272890	Ref	OROPS Service Kit	
	1001199362	Ref	Rear Wiper Kit	
	1001199366	Ref	Reverse Camera Kit	
	1001245914	Ref	Reverse Camera Kit (4WARD)	
	1001252086	Ref	Reverse Sensing System Kit	
	1001199328	Ref	Roof Wiper Kit	
	1001213289	Ref	Short Roof Cap Kit	
	1001260947	Ref	Smart Shift Kit	
	1001274892	Ref	Steering Column Service Kit - 0 Speed FNR (with Worklights)	
	1001275150	Ref	Steering Column Service Kit - 2 Speed FNR (with Worklights)	
	1001274891	Ref	Steering Column Service Kit - 2 Speed FNR (with Clamp)	
	1001274890	Ref	Steering Column Service Kit - 4 Speed FNR (with Worklights)	
	1001274889	Ref	Steering Column Service Kit - 4 Speed FNR (with Clamp)	
	1001229799	Ref	Strainer Kit	
	1001274257	Ref	Tire Set - Solid 13 x 28 Dir	
	1001274302	Ref	Tire Set - Solid 13 x 28 Non-Dir	
	1001274305	Ref	Tire Set - Solid 14 x 28 Dir	
	1001274307	Ref	Tire Set - Solid 14 x 28 Non-Dir	
	1001274718	Ref	Tire Set - Solid 13 x 24 Dir	
	1001274721	Ref	Tire Set - Solid 14 x 24 Dir	
		Ref	Tools for Service:	
	1001249695	Ref	Analyzaer and Cable Kit	
	1001249941	Ref	Analyzaer and Cable Kit (Battery Powered)	
	7002821	Ref	Crimper, Wire	
	7002823	Ref	Pin Extractor - Universal (For Electrical Connectors with Pins and Sockets)	
	4460510	Ref	Pin Extractor - 12-14 Gauge (For Removal of Pin/Sockets from Deutsch Connectors)	
	4460467	Ref	Pin Extractor - 16-18 Gauge (For Removal of Pin/Sockets from Deutsch Connectors)	
	7016654	Ref	Screwdriver, Magnetic	
	7002822	Ref	Screwdriver, Potentiometer	
	7004275	Ref	Seal Tool 1in (For Cylinders)	
	7004276	Ref	Seal Tool 1-1/2in (For Cylinders)	
	7002828	Ref	Stripper, Wire	
	1001262959	Ref	Voltage Regulator Relocation Kit	

PART NUMBER INDEX

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

0100011....133, 137, 143, 985, 987
01043892.....267, 1069
0400075.....933, 935
0440321.....825
0498748.....575
0641404.....47
0641405.....103
0641407.....47
0641510.....229
0641812.....762
0642032....129, 133, 135, 137, 139, 143
0681810.....133, 137, 143
0700408.....1101, 1103
0700610..29, 31, 53, 249, 292, 296, 659, 921, 923, 925, 1021, 1023, 1025, 1043, 1085, 1087
0700614.....229, 620
0700616.....762, 1081
0700618.....953, 1003
0700808.....1003
0700812.....529
0700814 29, 31, 309, 795, 873, 1021, 1023, 1025
0700815.....283, 762, 766
0700816....261, 263, 321, 729, 731, 762, 766, 1037
0700817.....741
0700818.....849, 1043
0700819 .749, 1037, 1039
0700820....671, 673, 675, 745, 1043
0700823.....751, 753
0700824.....709, 711, 795
0700826.....283
0700827.....323, 325
0701014...23, 25, 41, 271
0701016 29, 31, 269, 271, 529, 531, 733, 737, 797, 1021, 1025, 1029
0701017.....273, 275
0701018....251, 253, 269, 311, 313
0701020.....37, 311, 313
0701027.....305, 307
0701215.....301
0701216.....245, 299
0701217.....807, 811
0701220.....245
0701224.....91
0701226.....693
0701227.....57, 245
0711015.....341, 343
0711027.....769, 783
0711214.....55, 59
0711215.....55, 57, 91
0711216.....55, 57, 59
0711217.....55, 57, 59
0711218.....55, 57, 59, 91
0711219.....59
0711224.....57
0711225.....57
0711226.....57
0711227.....77
0711228..... 75
0711626..... 245
0711629..... 245
0711630..... 245
0711631..... 75, 85
0711635..... 77
0712020..... 541
0712022..... 541
0712027..... 539
0712030... 415, 417, 469, 471
0712042..... 49
0712439..... 769, 783
0741408..... 47
0741610.... 133, 137, 143
0760405... 113, 115, 119, 121, 125, 129, 133, 135, 137, 139, 141, 143, 999, 1007
0760507..... 303, 599
0760512..... 667
0760605.... 315, 575, 691
0760606..... 29, 31
0760607... 267, 287, 292, 296, 575, 789, 815, 999, 1007, 1069
0760608..... 91, 259, 283, 525, 527, 595, 597, 667, 683, 691, 709, 711, 1021, 1023, 1025, 1047, 1049, 1051
0760610..... 591
0760615..... 71, 762, 766, 1039
0760807..... 57, 249, 999, 1003
0760808... 535, 593, 659, 661, 985, 987, 999, 1003, 1007
076081025, 59, 251, 607, 609, 617, 620, 637, 661, 671, 673, 691, 762, 766, 807, 811, 817
0760812... 269, 275, 325, 523, 527, 553, 563, 577, 745, 749, 1101, 1103
0760815..... 23, 271, 577, 741, 771, 773, 1043
0760817..... 783
0760823..... 35, 277
0761007 999, 1003, 1047, 1049, 1051
0761008..... 939
076101025, 27, 253, 269, 271, 273, 315, 317, 341, 343, 531, 762, 766, 1003, 1021, 1023, 1025, 1043, 1047, 1049, 1051, 1089
0761012... 251, 253, 311, 313, 327, 709, 711, 737, 1103
0761017..... 113, 115
0761210. 287, 311, 1027, 1029, 1031
0761212..... 737
0761214 ... 37, 43, 45, 83, 87
0761215 ..... 35, 775, 777
0761218 ..... 311, 313
0761608 497
0770814 695
0771210 ..... 57, 59, 313
0771212 ..... 57, 59
0781016 301
0781208 825
0791605 321
0860520 103
0930020 123
1001001240 735
1001001241 735
1001001556 735
1001001557 735
1001001568 739
1001002946 577
1001002947 577
1001002953 577
1001002957 577
1001003043 565
1001003227 25
1001003301 873
1001003427 303
1001003590 783
1001004640 ..... 709, 711
1001005368 573
1001005960 1165
1001007056 857
1001008540 . 1021, 1023, 1025
1001008559 ..... 292, 296, 497, 553, 563, 679, 959, 1007, 1027, 1029, 1031, 1043, 1047, 1049, 1051, 1054
1001008575 37
1001008687 531
1001008742 667
1001008857 577
1001008923 1081
1001008988 575
1001009163 ..... 341, 343, 873
1001009178 . 1124, 1132, 1140
1001025750 287
1001047062 575
1001080375 .... 737, 1179
1001080996 ..... 83, 737
1001090140 ..... 133, 137, 143
1001090343 641
1001091715 1089
1001091716 1089
1001091751 983
1001091951 79
1001092481 97
1001092482 97
1001092877 . 1136, 1140, 1144, 1148
1001092878 . 1136, 1140, 1144, 1148
1001093171 197
1001093564 937
1001094134.....189
1001094136.....189
1001094708..1120, 1124, 1128, 1132, 1136, 1140, 1144, 1148, 1152, 1156
1001095336...1045, 1179
1001095396.....755, 757
1001095418.....141
1001095650....43, 45, 47, 709
1001095738.....385
1001095804.....949, 951
1001095810.....103
1001096019.....99
1001096020.....99
1001096021.....101
1001096023.....101
1001096024.....99
1001096025.....101
1001096365.....577
1001097053.....341, 343
1001097110.....185
1001097202.....525, 527
1001097205.....197
1001097540..29, 31, 655, 657
1001097586.....565
1001097588.....315, 317
1001097810.....771, 773
1001098762.....937
1001098769.....89
1001099113.....133, 137, 143
1001099115.....133, 137, 143
1001099170.....559
1001099351.....111
1001099457.....183
1001099699.....599
1001099717.....939
1001099976.....501, 503, 505, 507
1001100265.....119
1001100266.....121
1001100267.....125
1001100284.....501, 505
1001100323.....501
1001100822.....119
1001100823.....121
1001100824.....125
1001100967.....109
1001101458.....43, 45
1001101808.....921
1001101867.....57, 69
1001101895..1136, 1140, 1144, 1148
1001102502.....949, 951, 1180
1001103012.....960
1001103156.....939
1001103564.....1083
1001104477.....739, 895
1001104498.....1097
1001104519.....973, 979
1001104654.....949, 951, 1179

1001104685 249
1001105441 93
1001105886 1073
1001107192 575
1001107854 ... 913, 1059, 1063, 1097
1001108668 202
1001109053 . 1120, 1124, 1128, 1132, 1136, 1140, 1144, 1148, 1152, 1156
1001110704 141
1001111076 683
1001111147 683
1001111190 ..... 141, 202, 207
1001111317 ..... 551, 561
1001112612 ..... 943, 959, 993, 1009, 1015, 1017
1001112796 ..... 989, 993, 995, 1099
1001112902 ..... 29, 31
1001114495 ..... 331, 333
1001114498 .. 1059, 1063
1001114803 ..... 311, 313
1001116128 497
1001116696 1093
1001116697 960
1001116698 960
1001116700 973
1001116716 973
1001116720 1075
1001116723 ..... 959, 960, 973, 974, 977
1001116725 1015
1001116727 .. 1059, 1063
1001116728 . 1059, 1063, 1083
1001116729 1111
1001116732 .. 1009, 1017
1001116745 1111
1001116747 ..... 913, 974
1001116748 ... 959, 1009, 1010, 1015, 1017
1001116749 . 1010, 1015, 1017
1001116754 960
1001116763 ..... 913, 960, 1059, 1063
1001116774 .... 917, 1055
1001116808 .... 917, 1055
1001116810 .. 1056, 1067
1001116811 . 1009, 1014, 1017, 1067
1001116812 ..... 917, 959, 977, 1033, 1055
1001116815 ..... 917, 959
1001116950 . 1010, 1015, 1017, 1054
1001116986 974
1001116991 ..... 959, 973, 1075
1001116996 1093
1001116997 973
1001116999 .... 973, 1075
1001117021 913
1001117073.. 1010, 1015, 1017
1001117081..... 959, 960, 973, 977
1001117121..... 979
1001117308.. 1021, 1023, 1025, 1179
1001118323..... 1054
1001118378..... 917
1001118383..... 979
1001118384..... 959, 960, 973, 974, 977, 1113
1001118392..... 1093
10011184495..... 1041
1001118684..... 960
1001118685..... 979
1001120163..... 857, 859
1001120914..... 133, 137, 143
1001120915..... 133, 137, 143
1001120963..... 501
1001120989..... 1167
1001121101..... 505
1001121172..... 1054
1001121519..... 505
1001121726... 1059, 1063
1001121727..... 1111
1001121955..... 1179
1001125027.. 1009, 1014, 1018
1001125083..... 1015
1001125085..... 1015
1001125117.... 55, 57, 59, 91, 737
1001125465..... 497
1001125677... 1009, 1054
1001126008..... 917, 997, 1055
1001126011..... 1015
1001126349..... 1018
1001126353..... 1018
1001126356..... 1018
1001126357..... 1018
1001126391..... 1033
1001126393..... 1033
1001126487..... 1014
1001126837..... 557, 591
1001128127..... 1056
1001128144..... 321
1001128341..... 321
1001128478..... 341, 343, 873, 1179
1001128594..... 235, 239, 243
1001128714..... 269
1001128890..... 107
1001128901..... 269
1001129286..... 1010
1001130220... 29, 31, 923
1001130323.. 1120, 1124, 1128, 1132, 1136, 1140, 1144, 1148, 1152, 1156
1001131177... 1003, 1178
1001131271.. 1120, 1124, 1128, 1132, 1136, 1140, 1144, 1148, 1152, 1156
1001132168..... 27
1001132169..... 1054
1001132170..... 1054
1001133534..... 301, 1178
1001134274..... 939
1001136975..... 292, 296
1001137512..... 187
1001137578... 1033, 1034
1001138348..... 331, 333
1001139375..... 413, 467
1001139551..... 641
1001139552..... 639
1001139568..... 573
1001139578... 1120, 1124
1001139942.. 1136, 1140, 1144, 1148
1001141246..... 577
1001141281..... 637
1001141311..... 641
1001141312..... 639
1001141313..... 641
1001141400..... 292, 296
1001143200..... 555, 589
1001143551..... 917
1001143692..... 93
1001143852..... 1140
1001143857..... 743, 745
1001144147..... 917, 971, 1009, 1014, 1017
1001144295..... 1054
1001144296..... 1054
1001144629J..... 103
1001145539..... 620
1001145707... 1009, 1017
1001146160..... 107
1001146588..... 292, 296, 679, 953, 963, 1027, 1037, 1039, 1047, 1049, 1051, 1089
1001146949..... 697
1001147060..... 923
1001147340..... 743, 745, 747, 749, 1179
1001147449..... 650
1001148902..... 1182
1001148903..... 1183
1001148904..... 1183
1001148905..... 1183
1001148906..... 1183
1001149160..... 29, 31
1001149278..... 650
1001150610.. 1009, 1014, 1017, 1067
1001150611.. 1054, 1056, 1067
1001150735..... 959
1001150737..... 959
1001151097..... 515
1001151098..... 515
1001151106..... 515
1001152742..... 1033
1001152915..... 561
1001152934..... 561
1001152947..... 551, 561
1001153612..... 1015
1001153748..... 821, 903
1001153749..... 1003
1001154365..... 549, 561
1001154419..... 561
1001154511..... 237, 239
1001154721..... 547, 551
1001154790..... 241, 243
1001154984..... 543
1001155020..... 650
1001155261..... 271
1001155446..... 537, 539
1001155447..... 545, 637
1001155486..... 641
1001155540..... 311, 313
1001155796..... 659
1001155800..... 659
1001155806..... 1099
1001156265..... 709, 711
1001157481..... 573
1001157487..... 573
1001157663..... 323, 325
1001157890..... 917, 973
1001157891..... 943
1001158146..... 949
1001158298..... 743, 763
1001159028..... 687, 689, 1178
1001159347..... 311, 313, 319
1001159734.. 1089, 1179
1001159735.... 639, 1179
1001159736.... 641, 1179
1001159738..... 1179
1001159739.. 1079, 1179
1001159742..... 553, 563, 1179
1001159745..... 755, 757, 1179
1001159746.... 945, 1179
1001159753..... 949, 951, 1179
1001159845 . 1085, 1087, 1179
1001159846 . 1085, 1087, 1179
1001159849..... 949, 951, 1179
1001159881..... 271
1001159882..... 271
1001159925..... 617, 620, 1179
1001160042..... 620
1001160043..... 617
1001160072..... 1169
1001160116..... 245
1001160250..... 49
1001160253..... 23
1001160255..... 41
1001160326.... 620, 1179
1001160396..... 241
1001160397..... 311
1001160402..... 313
1001160420..... 309
1001160426..... 323
1001160496..... 673
1001160498..... 961

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001160500..1055, 1060, 1064
1001160502.....961
1001160503.....671, 673
1001160506.....675
1001160508.....543, 545, 593
1001160509..1055, 1060, 1064
1001160510..1055, 1060, 1064
1001160599.....709, 901
1001160711.....935
1001160735.....33
1001160775.....1159
1001160888.....245
1001160916.....1175
1001160927.....933, 935, 937
1001160928.....937
1001160945.....1171
1001161055.....57
1001161069.....643
1001161097....961, 1055, 1060, 1064
1001161098.....961, 1055
1001161099....961, 1055, 1060, 1064
1001161100....961, 1055, 1060, 1064
1001161101....961, 1055, 1060, 1064
1001161304.....819, 821
1001161308.....721, 723, 803
1001161499.....543, 545, 687
1001161528.....743, 745, 747, 749
1001161538.....551
1001161664.....237, 241, 343
1001161672.....709, 711
1001161769.....953, 955
1001161770.....963, 967
1001161771.....965, 969
1001161854.....646, 650, 653
1001161855.....646, 650
1001161896.....709, 711
1001161897.....709, 711
1001161898.....709, 711
1001161920.....331, 333
1001161957..1055, 1059, 1063
1001161959.....961
1001161963..1055, 1060, 1064
1001161978.....762, 766
1001162069.....771, 773
1001162076.....827, 829, 849
1001162212.....289
1001162239.....23, 25
1001162240J.....25
1001162281.....269, 271, 273
1001162339..... 741
1001162343..... 741
1001162344..... 741
1001162346..... 741
1001162548..... 891
1001162597..... 271
1001162660..... 873, 875
1001162661..... 875
1001162662.... 873, 1178
1001162663..... 875
1001162667..... 875
1001162670..... 721, 723, 775
1001162674..... 775, 779
1001162707..... 709
1001162765..... 873
1001162789..... 545, 667
1001162886..... 960
1001162887..... 960
1001162920..... 691
1001162922..... 691
1001162953..... 620, 631
1001162959..... 791, 883
1001162979..... 709
1001163029..... 57, 59
1001163034.... 55, 57, 59
1001163038..... 55
1001163067..... 37, 873
1001163072..... 741
1001163073..... 741
1001163082..... 311, 313, 335
1001163108..... 57
1001163127.... 909, 1023
1001163133..... 247
1001163134..... 249
1001163136..... 55, 57
1001163151..... 683
1001163170..... 683
1001163174.. 1128, 1132
1001163210.. 1128, 1132
1001163212.. 1128, 1132
1001163222.. 1128, 1132
1001163223.. 1128, 1132
1001163227..... 233, 237, 241, 245
1001163230..... 237, 241, 307
1001163231..... 233, 237, 292
1001163232..... 237, 289
1001163233.... 237, 1003
1001163235..... 233, 237, 299
1001163238..... 241, 263
1001163239..... 241, 253
1001163241..... 241, 296
1001163242.... 241, 1007
1001163245..... 311, 315
1001163246..... 311, 331
1001163247..... 311, 313, 337
1001163248..... 313, 317
1001163249..... 313, 333
1001163253..... 271, 287
1001163254..... 323, 325, 327
1001163285.. 1128, 1132
1001163300.. 1128, 1132
1001163304.. 1128, 1132
1001163323.. 1128, 1132
1001163340..... 960
1001163355.. 1128, 1132
1001163371..... 963, 973
1001163414..... 133, 137, 143, 831
1001163546..... 271
1001163637..... 321
1001163639.. 1095, 1179
1001163704..... 59
1001163712..... 59
1001163723..... 335
1001163746..... 781, 869
1001163841..... 63
1001164019..... 47
1001164036..... 827, 829, 861
1001164039..... 63
1001164183..... 47
1001164402.. 1043, 1045
1001164404..... 271
1001164498..... 607, 609
1001164567..... 93
1001164615..... 607
1001164652..... 889
1001164655..... 593
1001164726..... 575
1001164860..... 825
1001164870..... 737
1001164871..... 85
1001164881..... 87
1001164884..... 81, 83
1001164885..... 81, 83
1001164948..... 733, 737
1001164971..... 769
1001164972..... 769, 783
1001165022..... 585
1001165022J..... 583
1001165080..... 549, 575
1001165171.... 55, 57, 59
1001165172.... 55, 57, 59
1001165173..... 57
1001165194..... 1033
1001165269..... 667, 669
1001165270..... 667
1001165273..... 669
1001165275..... 577
1001165276..... 583
1001165309..... 1054
1001165310..... 1054
1001165311.. 1059, 1063
1001165327..... 669
1001165351..... 667
1001165360.. 1089, 1091
1001165367.... 55, 57, 59
1001165407..... 667
1001165416..... 667
1001165455..... 667
1001165458..... 667
1001165590..... 63
1001165637..... 637
1001165699..... 953
1001165739..... 63
1001165827..... 925
1001165833.....417, 437, 439, 441, 443, 445, 447, 449, 451, 453, 455, 457, 459, 461
1001165978.....529, 531
1001166163.....61
1001166233.....61
1001166235.....61
1001166385.....683
1001166397.....1043
1001166416.....331, 333
1001166430.....315, 317
1001166449.....261, 263
1001166450.....261
1001166451.....263
1001166565.....253, 257
1001166566.....251, 255
1001166634.....577, 583
1001166703.....1033
1001166704...1014, 1033
1001166716.....253
1001166727.....1111
1001166754.....539
1001166755.....539
1001166763.....963
1001166764.....965
1001166765.....799, 887
1001166925.....331
1001166993.....331
1001167001.....701
1001167015.....643
1001167017.....1101
1001167051.....907, 909, 911, 1043
1001167078.....311, 313, 321
1001167167.....271
1001167168.....271
1001167186.....309
1001167266.....631, 635
1001167281.....873
1001167357.....323, 325
1001167437.....817
1001167528.....1033
1001167608...1081, 1083
1001167616.....1014
1001167620.....1033
1001167624.....1033
1001167641...1009, 1014
1001167646.....999, 1003
1001167648...1009, 1014
1001167649...1009, 1014
1001167650...1009, 1014
1001167656.....1014
1001167657.....1014
1001167695.....947, 1099
1001167761.....81, 83, 85
1001167762.....81, 83, 87
1001167799.....947
1001167806.....89
1001167937.....581
1001167958.....575, 581
1001167971.....287
1001168030.....311, 313
1001168031.....1101
1001168038.....867
1001168142.....709, 711

1001168151 ..... 709, 711
1001168264 ..... 523, 527
1001168272 277
1001168307 867
1001168327 620
1001168330 620
1001168331 620
1001168456 620
1001168464 ..... 789, 815, 817
1001168465 ..... 785, 787, 789, 815
1001168468 ..... 721, 723, 773
1001168482 939
1001168529 ..... 411, 417
1001168530 ..... 407, 411
1001168536 ..... 465, 471
1001168537 ..... 407, 465
1001168538 407
1001168560 271
1001168561 57
1001168574 ..... 53, 57
1001168575 57
1001168587 57
1001168589 59
1001168634 73
1001168638 ..... 271, 277
1001168656 53
1001168735 ..... 53, 59
1001168736 59
1001168755 ..... 59, 71
1001168757 71
1001168760 ..... 29, 31
1001168761 ..... 29, 31
1001168763 769
1001168771 261
1001168795 245
1001168797 245
1001168822 289
1001168861 829
1001168963 ..... 53, 55
1001168964J 55
1001168987 55
1001169009 237
1001169011 ..... 233, 237, 261
1001169012 ..... 233, 237, 251
1001169087 ..... 789, 791, 815
1001169146 1043
1001169151 ..... 620, 913
1001169155 ..... 261, 263
1001169173 ..... 311, 313
1001169174 ..... 311, 313
1001169207 337
1001169209 71
1001169214 71
1001169265 25
1001169268 .... 699, 1179
1001169278 ..... 53, 61
1001169279 61
1001169326 ..... 53, 63
1001169327 63
1001169346 ..... 787, 795
1001169348 ..... 399, 405, 407
1001169349 ..... 795, 799
1001169351 ..... 399, 403
1001169354 ..... 713, 715
1001169355 715
1001169365 1047
1001169367 715
1001169375 ..... 729, 731
1001169376 ..... 729, 731
1001169378 ..... 729, 731
1001169393 337
1001169409 289
1001169410 289
1001169454 35
1001169461 37
1001169602 35
1001169603 ..... 646, 650
1001169604 650
1001169605 ..... 646, 650
1001169674 1159
1001169751 713
1001169763 699
1001169825 997
1001169830 ..... 743, 745, 747, 749, 762, 766
1001169850 273
1001169881 ..... 575, 583
1001169883 585
1001169885 585
1001169910 ..... 725, 727, 787
1001169915 ..... 725, 727, 777
1001169965 ..... 311, 313
1001170071 35
1001170072 35
1001170100 ..... 721, 723, 729
1001170138 855
1001170215 1029
1001170231 691
1001170320 .. 1027, 1029, 1031
1001170326 603
1001170366 ..... 545, 597
1001170374 555
1001170495 ..... 547, 555
1001170500 ..... 549, 565
1001170502 ..... 565, 573
1001170504 ..... 646, 650
1001170515 ..... 607, 609
1001170518 ..... 646, 650
1001170549 741
1001170566 .. 1047, 1049, 1051
1001170601J 575
1001170603 ..... 549, 589
1001170616 403
1001170624 1047
1001170628 81
1001170631 83
1001170645 ..... 29, 31
1001170711 91
1001170717 643
1001170740 1029
1001170741 1029
1001170749 1029
1001170816 .. 1027, 1029, 1031
1001170944 577
1001170993 601
1001171037 585
1001171097 ..... 777, 781
1001171153 ..... 33, 35
1001171154 ..... 33, 37
1001171179 37
1001171182 573
1001171183 573
1001171208 ..... 725, 727, 766
1001171209 ..... 725, 727, 771
1001171242 523
1001171277 .. 1120, 1124, 1128, 1132, 1136, 1140, 1144, 1148, 1152, 1156
1001171451 53
1001171634 585
1001171701 271
1001171756 667
1001171764 ..... 81, 93
1001171767 601
1001171772 ..... 29, 31
1001171808 89
1001171860 ..... 409, 411, 413
1001171863 ..... 463, 465, 467
1001171874 691
1001171885 23
1001171889 537
1001171890 ..... 537, 541
1001171962 1101
1001172035 .. 1120, 1124, 1128, 1132, 1136, 1140, 1144, 1148, 1152, 1156
1001172075 825
1001172077 825
1001172078 825
1001172088 691
1001172094 691
1001172134 ..... 83, 825
1001172146 37
1001172147 37
1001172178 303
1001172193 ..... 551, 561, 583
1001172401 ..... 543, 545, 605
1001172495 937
1001172496 937
1001172536 1105
1001172547 ..... 617, 620, 1179
1001172550 ..... 617, 620
1001172553 ..... 617, 620
1001172591 ..... 331, 333
1001172606 646
1001172608 646
1001172643 31
1001172728 ..... 941, 943
1001172755 ..... 292, 296
1001172774 671
1001172836 ..... 399, 401
1001172953 315
1001172995 91
1001172997 91
1001172999 91
1001173091 .. 1033, 1049
1001173092 .. 1089, 1093
1001173111 ..... 73, 75
1001173113 75
1001173114 ..... 73, 77
1001173115 77
1001173116 77
1001173117 ..... 73, 79
1001173118 79
1001173257 675
1001173298 575
1001173411 973
1001173419 545
1001173422 . 1124, 1132, 1140
1001173429 1124
1001173431 1140
1001173433 1132
1001173446 ..... 762, 766
1001173450 762
1001173451 ..... 762, 766
1001173452 ..... 311, 313
1001173457 ..... 311, 313
1001173470 ..... 53, 741
1001173527 .. 1109, 1111
1001173531 .... 909, 1029
1001173542 ..... 53, 65
1001173543 65
1001173544 65
1001173546 ..... 311, 313
1001173618 .... 909, 1049
1001173622 909
1001173626 273
1001173702 ..... 817, 819
1001173765 ..... 907, 911, 1021, 1025
1001173849 949
1001173956 741
1001173957 741
1001173965 ..... 646, 650
1001174271 ..... 271, 283
1001174295 ..... 575, 587
1001174320 561
1001174321 577
1001174338 ..... 762, 766
1001174356 ..... 311, 313
1001174426 ..... 941, 945
1001174581 653
1001174712 1115
1001174726 65
1001174741 659
1001174795 279
1001174800 659
1001174801 659
1001174832 333
1001175057 766
1001175201 277
1001175265 ... 960, 1059, 1063

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001175267..1055, 1060, 1064
1001175269.....307
1001175347.....762, 766
1001175470.....603
1001175471.....597, 601
1001175477.....575
1001175485.....91
1001175486.....91
1001175676.....755, 757, 1109
1001175699.....762, 766
1001175704.....771, 773
1001175718.....729
1001175733.....1107
1001175740.....755, 757
1001175776...1105, 1107
1001175903.....650
1001175904.....646
1001175933.....725, 747
1001175934.....747, 749
1001175997.....766
1001176004.....1033
1001176043.....766
1001176121.....595, 597, 603
1001176124.....766
1001176139.....766
1001176145.....771
1001176150.....771
1001176164.....639
1001176228.....241
1001176272.....555, 589
1001176273.....555, 589
1001176333.....977
1001176338.....981
1001176515.....105
1001176529.....781
1001176548.....766
1001176626.....555, 589
1001176935...1014, 1033
1001176945.....271
1001177248.....762, 766
1001177256.....743, 745, 747, 749
1001177273.....762, 766
1001177597....959, 1015, 1178
1001177653J.....49
1001177704.....762, 766
1001178123.....667
1001178170.....620
1001178706.....1165
1001178729.....531
1001178783.....981
1001178791.....277
1001178826.....665
1001178933.....953
1001179008.....567, 569, 571, 665
1001179009.....567, 569, 571, 665
1001179080.....631
1001179081.....631
1001179130.....631, 633
1001179206.....271, 273
1001179297.....1165
1001179376..... 333
1001179484..... 653
1001179968..... 273, 275
1001179972..... 273
1001179973..... 275
1001180076..... 241, 301
1001180078..... 301
1001180226..... 275
1001180227..... 275
1001180242.... 241, 1039
1001180263..... 671, 675
1001180306..... 762, 766
1001180542..... 315, 317
1001180553..... 315, 317
1001180620..... 1043
1001180682..... 981
1001180683..... 981
1001181128. 1021, 1023, 1025
1001181411..... 573
1001181531..... 949, 951
1001181543..... 701, 703
1001181625..... 315, 317
1001181815..... 273
1001181920..... 555, 589
1001181921..... 555, 589
1001181961..... 933, 935
1001182011..... 315, 317
1001182012..... 315, 317
1001182094..... 299
1001182123..... 555, 589
1001182139..... 555, 589
1001182279..... 779, 871
1001182328..... 661
1001182545..... 769
1001182671..... 697
1001182839..... 591
1001182903..... 783
1001182908..... 769, 783
1001182910..... 783
1001183024..... 553, 563, 1179
1001183177..... 251
1001183221..... 943
1001183550..... 653
1001183759..... 271
1001183827..... 259
1001183829..... 259
1001183830..... 251
1001183831..... 253
1001183835..... 251, 253, 259
1001183836..... 271
1001184017..... 327
1001184076..... 25
1001184280..... 629
1001184296..... 625, 629
1001184297..... 625, 629
1001184403..... 633
1001184404..... 633
1001184405..... 633
1001184406..... 633
1001184418..... 747, 749
1001184427..... 629
1001184439..... 575
1001184473..... 1075
1001184479..... 1075
1001184484..... 939
1001184491..... 1041
1001184493..... 1041
1001184496..... 1041
1001184548..... 1010
1001184551..... 1018
1001184632. 1120, 1124, 1128, 1132, 1136, 1140, 1144, 1148, 1152, 1156
1001184714..... 827, 829, 865
1001184835... 999, 1003, 1041
1001184975..... 650
1001185179..... 646, 650
1001185278..... 251
1001185357..... 771
1001185497..... 261
1001185498..... 263
1001185505..... 261
1001185633..... 661
1001185823..... 1018
1001185824..... 1018
1001185846..... 661
1001186225..... 341, 343
1001186342..... 292, 296
1001186418..... 762
1001186705..... 327
1001186843..... 762, 766
1001186859..... 53
1001186898..... 251, 253
1001186912..... 747, 749
1001187070. 1009, 1014, 1015, 1017, 1018
1001187075..... 1055
1001187076. 1054, 1060, 1064
1001187077..... 1033
1001187078... 917, 1017, 1060, 1064
1001187079... 917, 1010, 1015, 1017, 1055
1001187080. 1010, 1015, 1055
1001187335..... 525, 527
1001187532..... 945
1001187623..... 1031
1001187624..... 1031
1001187785..... 61
1001187850..... 747
1001188048..... 525, 527
1001188246..... 55
1001188281..... 771
1001188372. 1120, 1124, 1128, 1132, 1136, 1140, 1144, 1148, 1152, 1156
1001188438..... 747
1001188590..... 617, 620
1001188592..... 629
1001188594..... 625, 629
1001188602..... 625, 629
1001188603..... 625, 629
1001188604..... 625, 629
1001188610..... 625, 629
1001188612..... 625, 629
1001188614.....625, 629
1001188618.....629
1001188619.....629
1001188637.....729
1001188720.....625, 629
1001188725.....625, 629
1001188729.....625, 629
1001188733.....625
1001188787.....939
1001188817.....629
1001188818.....629
1001188971.....762, 766
1001189023.....629
1001189024.....629
1001189025.....625, 629
1001189046.....1003
1001189048.....629
1001189054.....629
1001189217.....733, 737
1001189299.....737
1001189308.....737
1001189310.....735
1001189492.....57
1001189603.....733
1001189604.....737
1001189607.....735
1001189793.....57, 59
1001189888.....867
1001189995.....725, 727, 731
1001190179.....929
1001190187.....57
1001190322..1010, 1015, 1017
1001190347.....646
1001190585.....1029
1001190589.....646, 650
1001190670.....927, 929, 931, 937
1001190671.....927, 929, 931, 1073
1001190881.....381
1001190921.....1014
1001190980.....296
1001191091.....587
1001191168.....283
1001191229..1120, 1124, 1128, 1132, 1136, 1140, 1144, 1148, 1152, 1156
1001191348.....273
1001191486.....1003
1001191487...1128, 1132
1001191503.....825
1001191505.....825
1001191603.....41
1001191617.....646, 650
1001191635.....41
1001192042.....771, 773
1001192142..1021, 1023, 1025, 1179
1001192240.....653
1001192302.....911
1001192304.....911, 1051
1001192309.....575
1001192341.....783
1001192393.....921

1001192394 925
1001192401 .... 993, 1054
1001192435 ..... 755, 757
1001192468 .. 1037, 1039
1001192471 .. 1037, 1039
1001192643 579
1001192644 581
1001192646 575
1001192711 229
1001192720 229
1001192766 ..... 575, 579
1001192836 531
1001192875 229
1001192876 229
1001192877 229
1001193026 ..... 323, 325
1001193171 .... 911, 1031
1001193210 583
1001193540 229
1001193577 91
1001193729 229
1001193771 ..... 729, 731
1001193993 . 1021, 1023, 1025
1001194282 711
1001194286 ..... 233, 237, 1037
1001194421 ..... 959, 983
1001194534 253
1001194978 39
1001194981 873
1001195089 .. 1037, 1039
1001195217 729
1001195342 635
1001195343 635
1001195345 635
1001195346 635
1001195385 635
1001195386 635
1001195437 635
1001195438 635
1001195518 245
1001195781 1015
1001195782 1015
1001195849 .. 1120, 1124
1001195851 .. 1128, 1132
1001195855 . 1124, 1132, 1156
1001195878 ..... 551, 561
1001195970 117
1001195972 525
1001196076 ..... 607, 609
1001196100 1089
1001196289 995
1001196404 25
1001196422 25
1001196426J 25
1001196440 ..... 287, 292, 296
1001196491 327
1001196665 ..... 233, 235
1001196806 . 1124, 1132, 1144, 1156
1001196929 91
1001196931 91
1001197137 ..... 691, 693, 1178
1001197139..... 691, 695
1001197182..... 737, 739
1001197217..... 663
1001197218..... 663
1001197219..... 663
1001197259..... 663
1001197282..... 1095
1001197299..... 292, 296
1001197339..... 23
1001197407.. 1009, 1014, 1018
1001197600..... 899
1001198321.. 1021, 1023, 1025
1001198355..... 229
1001198366..... 835
1001199099.. 1021, 1023, 1025
1001199183..... 923
1001199328..... 1183
1001199362..... 1183
1001199366..... 1183
1001199376..... 1182
1001199378..... 1183
1001199380..... 1182
1001199381..... 1182
1001199382..... 1182
1001199670..... 283
1001199807..... 509
1001199808..... 509
1001199810..... 509
1001200082.. 1047, 1049, 1051
1001200101.. 1120, 1124, 1128, 1132, 1136, 1140, 1144, 1148, 1152, 1156
1001200102.. 1027, 1029, 1031
1001200151..... 509
1001200152..... 1115
1001200239..... 301
1001200538..... 1085
1001200539..... 1087
1001200555..... 249
1001200989..... 59
1001201080..... 1054
1001201162..... 991
1001201331..... 667
1001201646..... 31
1001201885..... 983
1001202133..... 679
1001202134..... 677
1001202138..... 677
1001202247..... 265
1001202371..... 1182
1001202454..... 951
1001202487..... 265
1001202491..... 265
1001202498..... 1071
1001202512..... 523, 527
1001202513..... 523
1001202519..... 991
1001202526..... 289
1001202617..... 991
1001202620..... 1101
1001202621..... 1101
1001202622..... 1101
1001202626.. 1120, 1128, 1148
1001202786..... 523, 527
1001202847..... 762, 766
1001202904..... 215, 217, 219, 221, 223, 225, 227
1001202962..... 743, 745, 747, 749
1001202986..... 292, 296, 1007, 1047, 1049, 1051
1001203052... 1049, 1051
1001203053... 1049, 1051
1001203181..... 265, 1179
1001203225..... 951
1001203502..... 762, 766
1001203503..... 229
1001203557..... 933
1001203558..... 933
1001203769..... 933
1001203932..... 23
1001203933..... 23
1001203934..... 23
1001203944..... 731
1001203954..... 731
1001203963..... 731
1001203967..... 731
1001204032..... 265, 877
1001204045..... 59
1001204047..... 59
1001204060..... 1087
1001204066..... 577
1001204086..... 25
1001204095..... 927, 929, 1071
1001204115..... 577
1001204120..... 577
1001204144..... 269, 271
1001204152..... 743, 745, 747, 749
1001204486..... 25
1001204488..... 29, 31
1001204528..... 1085
1001204530..... 1085
1001204598..... 545
1001204709..... 665
1001205172... 1015, 1178
1001205254... 1027, 1031
1001205255..... 1031
1001205336..... 75
1001205402..... 559
1001205532..... 575, 577
1001205756..... 743, 745, 747, 749
1001205786..... 691
1001205976..... 557
1001206019..... 299
1001206332..... 325
1001206448..... 325
1001206588..... 292, 296
1001206746..... 31
1001206980..... 265
1001207171..... 1015
1001207173..... 1055
1001207217... 1120, 1124
1001207218.. 1136, 1140, 1144, 1148
1001207282 303
1001207283 757
1001207296 773
1001207343 ..... 29, 31
1001207557 303
1001207594 ..... 563, 591
1001207606 195
1001207963 ..... 646, 650
1001208106 541
1001208186 273
1001208192 681
1001208308 ..... 646, 650
1001208338 523
1001208643 1183
1001208644 1183
1001208645 1182
1001208847 1183
1001208881 ..... 763, 766
1001209028 557
1001209387 27
1001209388 25
1001209463 683
1001209625 .. 1128, 1132
1001209710 ..... 747, 749
1001209899 ..... 555, 589
1001209981 1183
1001210341 1182
1001210342 1182
1001210348 737
1001210390 ..... 825, 857
1001210450 1043
1001210707 37
1001210775 ..... 733, 737
1001210782 541
1001211041 681
1001211059 939
1001211428 303
1001211429 303
1001211432 ..... 35, 303
1001211516 139
1001211693 953
1001211747 303
1001211775 1056
1001211907 ..... 646, 650
1001211917 1182
1001211944 931
1001211986 1182
1001211988 1182
1001211991 1182
1001211992 1182
1001212011 587
1001212047 567
1001212048 569
1001212049 567
1001212050 569
1001212369 637
1001212470 ..... 949, 951, 1179
1001213126J 25
1001213199J 499
1001213210 ..... 283, 285
1001213286 1182
1001213289 1183
1001213331 577
1001213334 1182
1001213336 1182
1001213339 1182

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001213340.....1182
1001213342.....1182
1001213343.....1182
1001213344.....1182
1001213349.....1182
1001213350.....1182
1001213448.....1054
1001213752.....557, 591
1001213791.....575
1001213988.....953, 957
1001214092.....637
1001214156.....659
1001214167.....1183
1001214220.....691
1001214326.....543, 545, 559
1001214331.....543, 547
1001214332.....545, 549
1001214401.....591
1001214480.....709, 711
1001214535.....661
1001215319.....279, 281
1001215476.....265
1001215531.....577
1001215898.....1054
1001215941.....265, 1179
1001217467.....299
1001218255.....207
1001218341.....49
1001218358.....917
1001218487.....49
1001218524.....759
1001218542.....617, 620
1001218577.....829, 841
1001218659...1120, 1124
1001218704..1120, 1124, 1144, 1148
1001218996.....617, 620
1001219076.....646, 650
1001219082.....265
1001219191.....745, 749, 759
1001219211..1128, 1132, 1136, 1140, 1144, 1148, 1152, 1156
1001219212.....1124
1001219220.....555, 589
1001219396.....711
1001219865.....646, 650
1001220540.....539
1001220760.....341, 343
1001220817.....1089
1001220830.....1089
1001221057.....629
1001221058.....629
1001221059.....617, 620
1001221295.....617, 620
1001221318.....557, 591
1001221319.....557, 591
1001221503.....499
1001221520.....745, 749
1001221527.....745, 749
1001221742.....745
1001221994.....711
1001222088.....743, 745, 747, 749
1001222090.....749
1001222132..... 749
1001222158..... 749
1001222609..... 701, 705, 1178
1001222650. 1120, 1128, 1132, 1136, 1144, 1148, 1152, 1156
1001222715.. 1007, 1017
1001222741..... 577
1001223265..... 646, 650
1001223453. 1120, 1124, 1128, 1132
1001223455..... 959, 960
1001223456..... 961
1001223457..... 960, 961
1001224030..... 269
1001224031..... 269
1001225067.... 999, 1009
1001225126..... 269
1001225198..... 721
1001225200..... 721, 723, 762
1001225202..... 721, 743
1001225230..... 233
1001225231..... 233, 305
1001225232..... 233, 999
1001225281..... 463, 469
1001225282..... 405, 463
1001225283..... 409, 415
1001225284..... 405, 409
1001225285..... 405
1001225313..... 269
1001225402..... 269
1001225462..... 751, 755
1001225464..... 751, 755
1001225467..... 763
1001225681..... 751
1001225683..... 755
1001225748..... 721, 723, 785
1001225750..... 785, 793
1001225751..... 793, 797
1001225752..... 797, 801
1001225982..... 305
1001225986..... 907
1001225987.... 907, 1047
1001226012..... 1161
1001226013..... 1163
1001226035..... 751, 753
1001226271..... 727, 749
1001226272..... 727
1001226709..... 1159
1001226793..... 827
1001226849..... 827, 839
1001226876..... 839
1001226919..... 723
1001226920..... 723, 745
1001227056..... 755
1001227077..... 265
1001227137..... 755, 757
1001227186..... 561
1001227187..... 583
1001227188..... 583
1001227234..... 269
1001227286..... 341
1001227339..... 1120
1001227340..... 1136
1001227379..... 173
1001227382..... 175
1001227528..... 1128
1001227670..... 105, 109, 113, 115, 119, 121, 123, 125, 127, 129, 131, 133, 135, 137, 139, 141, 143, 147, 195, 202, 207, 215
1001227802..... 575
1001227962..... 233, 341
1001227963.... 907, 1027
1001227964..... 265
1001228118..... 1027
1001228119..... 1027
1001228273..... 265
1001228490..... 1027
1001228516..... 269
1001228643..... 265
1001228872..... 289
1001228989.. 1085, 1087
1001229235..... 529
1001229540..... 655
1001229541..... 657
1001229550..... 655
1001229551..... 657
1001229575. 1124, 1132, 1140
1001229685..... 757
1001229707..... 1167
1001229799..... 1183
1001229955..... 1179
1001230106..... 1183
1001230163..... 587
1001230239..... 107
1001230241..... 107
1001230310.. 1124, 1144
1001230311..... 1132
1001230402..... 917
1001230403..... 917, 918
1001230404..... 918
1001230599..... 1079
1001230623.. 1079, 1081
1001230713J..... 529, 531
1001230765..... 145, 147, 149, 151, 153, 155, 157, 159, 161
1001230931..... 959
1001231002..... 287
1001231003..... 287
1001231065..... 841
1001231244..... 531
1001231397..... 917, 918
1001231398..... 917, 918, 983, 1055
1001231399..... 1055
1001231400..... 917, 918, 983, 1055
1001231401..... 917, 918
1001231402..... 918
1001231404..... 918, 983, 1055
1001231406..... 918, 983, 1055
1001231407..... 265, 915
1001231483..... 265, 917
1001231692..... 107
1001231801.....1120
1001231874.....766
1001232147.....43
1001232288.....997, 1023
1001232290.....725
1001232294.....753, 757
1001232295.....753, 757
1001232296.....753
1001232297.....757
1001232299.....43, 45
1001232336.....43, 45, 47
1001232338.....43
1001232355.....181
1001232377.....763
1001232439.....267, 1069
1001232500.....107
1001232556.....1069
1001232588.....47
1001232624.....267, 1069
1001232751.....929, 1069
1001233174.....1103
1001233217.....1103
1001233434.....1103
1001233558...1128, 1132
1001233979.....1152
1001234127.....809, 813, 897
1001234139.....45
1001234253.....45
1001234277.....807, 811
1001234455.....27
1001234800...1010, 1018
1001235100.....303
1001235696...1003, 1014
1001235794...1152, 1156
1001235796...1152, 1156
1001235797...1152, 1156
1001235798...1152, 1156
1001235799...1152, 1156
1001235800...1152, 1156
1001235801...1152, 1156
1001235802...1152, 1156
1001235803...1152, 1156
1001235804...1152, 1156
1001235805...1152, 1156
1001235807...1152, 1156
1001235808.....1156
1001235809...1152, 1156
1001235921.....1183
1001235963.....23, 27
1001236308.....1156
1001236312.....1156
1001236313.....1152
1001236542.....527
1001237171.....267, 1067
1001237208.....267, 927
1001237209.....927
1001237212.....960
1001237761.....1182
1001237845.....571
1001237846.....1173
1001237852.....571
1001238560.....103, 229
1001238565..97, 99, 101, 103
1001238566.....229
1001238570.....229

1001238653 97
1001238654 101
1001238655 99
1001238948 29
1001238953 1182
1001239194 1179
1001239510 281
1001239511 281
1001239539 265
1001239734 ..... 133, 137, 143
1001239793 ..... 949, 951, 1179
1001239961 1183
1001241308 579
1001241318 271
1001241337 599
1001241482 271
1001241610 ..... 953, 979
1001241836 23
1001241838 ..... 503, 507
1001241839 503
1001241840 507
1001241846 503
1001241847 507
1001241879 ..... 801, 885
1001242264 1182
1001242644 127
1001243187 1182
1001243188 1182
1001243214 145
1001244192 .. 1085, 1087
1001244193 .. 1085, 1087
1001245914 1183
1001246001 521
1001246022 145
1001246391 . 1009, 1014, 1018
1001247421 .. 1105, 1179
1001249695 .. 1182, 1183
1001249941 .. 1182, 1183
1001250161 981
1001251074 ..... 839, 841, 843
1001251089 ..... 865, 867
1001251096 ..... 827, 829, 855
1001252086 1183
1001252522 849
1001252567 ..... 805, 893
1001252571 803
1001253078 762
1001253079 762
1001253085 773
1001253086 763
1001253089 762
1001253097 ..... 743, 745
1001253099 762
1001253102 762
1001253103 ..... 743, 745
1001253107 763
1001253112 762
1001253154 743
1001253155 745
1001253156 743
1001253157 773
1001253158 745
1001253160 762
1001253252 ..... 803, 805
1001253253 ..... 811, 813
1001253331 ..... 267, 1069
1001253371 ..... 793, 811
1001254389 1182
1001254390 1182
1001254400 1182
1001254401 1182
1001256073 ..... 551, 561
1001256952 ..... 709, 711
1001256974 ..... 717, 1179
1001257058 557
1001257059 557
1001257067 557
1001257069 557
1001257071 717
1001257087 557
1001257763 ..... 762, 766
1001258099 599
1001258244 615
1001258245 615
1001258563 ..... 553, 557
1001258605 169
1001258798 ..... 497, 553, 563
1001258810 553
1001258811 563
1001258862 ..... 553, 563
1001259062 ..... 553, 563, 1097
1001259082 939
1001259141 763
1001259206 179
1001259457 521
1001259635 521
1001260171 ..... 341, 343, 345, 347, 349, 351, 353, 355, 357, 359, 361, 363, 365, 367, 369, 371, 373, 375, 377, 379, 381, 383, 385, 387, 389, 391, 393, 395, 397
1001260509 1041
1001260572 763
1001260573 763
1001260599 763
1001260947 1183
1001262072 ..... 949, 951
1001262333 ..... 471, 492
1001262334 ..... 469, 473, 475, 477, 479, 481, 483, 485
1001262959 1183
1001263046 825
1001264415 557
1001264534 1103
1001264536 1103
1001264844 1113
1001264861 1113
1001264885 ..... 827, 829
1001264976 ..... 623, 627
1001265008 973
1001265200 ..... 679, 1113
1001265979 1103
1001265980 1103
1001266488 609
1001266970 .. 1049, 1051, 1063
1001266971 ... 1047, 1059
1001267969 ..... 861, 863
1001267970 ..... 849, 851
1001267972 ..... 829, 837
1001267978 ..... 827, 835
1001268341 1182
1001268744 ..... 609, 983
1001268804 609
1001268827 ..... 617, 623
1001268828 ..... 623, 625
1001268829 ..... 623, 627
1001268830 ..... 623, 627, 1075
1001268831 ..... 620, 627
1001268832 ..... 627, 629
1001268846 ..... 646, 650
1001269555 ..... 625, 629
1001269556 ..... 625, 629
1001269558 ..... 625, 629
1001269559 ..... 625, 629
1001269560 ..... 625, 629
1001269561 ..... 625, 629
1001269563 ..... 625, 629
1001269564 ..... 625, 629
1001269578 ..... 629, 1179
1001269579 629
1001270117 603
1001270466 ..... 953, 1179
1001270467 ... 1043, 1179
1001270468 ... 1043, 1179
1001270976 ..... 617, 620
1001271436 ..... 965, 971
1001272659 1179
1001272890 1183
1001272892 1183
1001273635 .. 1081, 1085, 1087
1001273991 959
1001274255 517
1001274256 517
1001274257 ..... 517, 1183
1001274300 973
1001274301 519
1001274302 ..... 519, 1183
1001274305 1183
1001274307 1183
1001274533 1075
1001274534 1075
1001274535 1075
1001274536 1075
1001274537 1075
1001274538 1075
1001274539 1075
1001274540 1075
1001274541 1075
1001274543 1075
1001274544 1075
1001274553 1075
1001274715 513
1001274717 513
1001274718 ..... 513, 1183
1001274721 1183
1001274889 1183
1001274890 1183
1001274891 1183
1001274892 1183
1001275150 1183
1001275637 ..... 503, 507
1001275638 ..... 503, 507
1001275841 ..... 113, 115
1001275852 115
1001275853 113
1001275929 ..... 607, 611
1001275931 ..... 609, 613
1001275933 ..... 611, 615
1001276666 143
1001276749 1159
1001276750 1159
1001276923 1182
1001277290 133
1001277338 137
1001278325 1183
1001278919 279
1001279164 1159
1001280434 1103
1001280435 1103
1001280661 ..... 985, 987
1001281268 . 1047, 1049, 1051, 1054
1001281297 329
1001281298 329
1001281301 329
1001281302 329
1001281303 329
1001281304 329
1001281305 329
1001281354 329
1001281360 329
1001281468 329
1001281656 329
1001281888 329
1001282009 329
1001282010 329
1001282011 329
1001282322 ..... 953, 959
1001283420 ..... 965, 977
1001283990 329
1001285715 ..... 949, 951
1001286175 321
1001286534 141
1001286941 ..... 985, 987, 989
1001287012 ..... 985, 987
1001287742 ..... 113, 115
1001289105 497
1001289198 535
1001289296 497
1001289479 1103
1001289559 279
1001289561 ..... 277, 279
1001289792 985
1001289812 987
1001290616 1182
1001290670 497
1001291056 ..... 985, 987
1001291182 ..... 991, 993
1001291379 535
1001291382 1182
1001291685 1103
1001293104 ..... 543, 595
1001293182 ..... 141, 833

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001293251.....861
1001294608.....1103
1001294815.....1167
1001295556.....807, 809
1001295557.....787, 807
1001295569.....766
1001296815.....1144
1001296825.....1148
1001297247.....703, 1077
1001297563.....1103
1001297803.....703
1001298306.....703, 707, 1178
1001298454.....703
1001298623.....703
1001301393.....191
1001301599.....141
1001301600.....141
1001302410.....1103
1001302426.....1183
1001303246.....193
1001305476.....199
1001306315.....1054
1005182600.....415, 419, 421, 423, 425, 429, 431, 433, 435
1060379.....103
1060626.....937, 1073
1062255.....141, 233, 237, 325, 999, 1003, 1007
10700681.....189
10705034.....131
10713707.....1043
10719267.....263
10725627.....481, 493
10731709.....375, 379
10731744.....355
10731845.....361, 363, 367
10731959.....397
10732072.....375
10732095.....373
10837923.....887
10837928.....885
10837929.....885, 887
10837937.....885, 887
1170021.....129
1170024.....135
120034.....953, 963, 965
1250808.....467
1319229.....347
1319436.....391
1319558.....351
1319563.....351
1319571.....353, 355, 371, 387, 391
1319576.....371
1319590.....353, 371
1319593.....357, 359, 361, 363, 365, 367
1319594.....357, 359, 361, 363, 365, 367
1319595.....357, 359, 361, 363, 367
1319600.....357, 359, 361, 363, 365, 367
1319601.....357, 359, 361, 363, 365, 367
1319602.....357, 359, 361, 363, 365, 367
1319606.....363, 367
1319608.....361, 371
1319613.....361
1319614.....363
1319615.....357, 359, 363, 367
1319617.....357, 359
1319618.....357, 359
1319620.....357, 359
1319621.....357, 359
1319622.....357, 359
1319623.....357, 359
1319624.....357, 359
1319625.....357, 359
1319626.....357, 359
1319627.....357, 359
1319628.....357, 359
1319630.....357, 359
1319631.....357, 359
1319632.....357, 359
1319635.....367
1319636.....357, 359, 367
1319638.....357, 359
1319647.....397
1319648.....397
1319683.....375
1319684.....375
1319685.....375
1319686.....375
1319687.....375
1319688.....375
1319689.....375
1319694.....375
1319726.....383
1320022.....620
1320219.....763
1320748.....395
1320754.....395
1321094.....235, 239, 243
1321329.....741
1321752.....771, 773
1322039.....235, 239, 243
1322040.....235, 239, 243
1670836.....771, 773
1701509.....103
1702631.....1120, 1124, 1128, 1132, 1136, 1140, 1152, 1156
1702773.....97, 99, 101
1704277.....103
1704885.....97, 99, 101
1706098.....1136, 1140, 1144, 1148
1706281.....1136, 1140, 1144, 1148
1706282.....1136, 1140, 1144, 1148
1706284.....1136, 1140, 1144, 1148
1706285.....1136, 1140, 1144, 1148
1706288.....1136, 1140, 1144, 1148
1706292.....1136, 1140, 1144, 1148
1706296.....1120, 1124
1706299.....1120, 1124
1706300.....1120, 1124
1706301.....1120, 1124
1706302 229, 1120, 1124
1706306.....1120, 1124
1706768.....1120, 1124
1706850.....1120, 1124
1706892.....97
1707078.....1120, 1124
2080040.....103
2080078.....573
2080086.....551, 561
2080087.....551, 561
2080092.....597
2110404.....751, 791
2110406.....801, 805
2110408.....791, 799
2110604.....753, 805
2110606.....133, 137, 143, 801, 805, 809, 813, 879
2110610.....739, 779
2110808.....413, 759, 781, 805, 821
2110810.....739, 757
2111008.....755, 757, 791, 805, 813
2111010.....755, 757, 799, 801
2111208.....809
2111210.....799
2111212.....839, 841
2111612.....799
2111616.....801, 873
2130404.....709, 711, 755, 781, 799
2130406.....769
2130604.....751, 753, 755, 757
2130606.....131, 783, 801, 805, 879
2130608.....131
2130806.....757, 783
2130808.....133, 137, 143, 709, 711, 805
2130810.....335, 739
2131010.....335
2131210.....341, 343, 801
2131212.....337, 781
2131616.....335, 805
2144605.....413, 467
2150404.....739, 857
2150606.....809
2150808.....759, 821
2150810.....865
2151210.....751, 753, 755, 757
2151212.....751, 753, 755, 757
2160016.....55, 57, 75, 77, 85, 769, 783
2170108.....791
2170110.....799, 801
2170208.....709, 711
2170212.....337
2170216.....335
2170306.....801
2170308.....729, 731, 759
2170316.....335
2170350.....805
2170404.....779
2170406.....813
2170510.....763
2170708.....781, 799
2170710.....771
2170712.....781
2170806.....413, 467, 805
2170810.....813
2170906.....785
2171210.....735
2171308.....733, 735, 737
2171820.....781
2172104.....747, 749, 766, 771, 799
2172106.....133, 137, 143, 801
2172108.....733, 735, 739, 799
2172110.....771
2172310.....735
2180467.....321
2200223.....247, 313
2200224.....315, 317
2220218.....301
2220235.....809
2220237.....311, 313
2220239.....873
2220240.....873
2220242.....335
2220415.....141
2220468.....141
2220473.....141
2220810.....301
2220883.....835, 837, 867, 899
2221116.....805
2221225.....766
2221229.....779, 799
2221231.....731, 739
2221233.....799
2221244.....763
2340037.....163
2340038.....167
2340039.....177
2340045.....165
24921332.....269, 271, 273
2600281.....103
2716143.....207
2717160.....131
2717161.....131
2717162.....131
2717283.....131, 847
2920207.....1089
2920208.....1089
2940074.....103, 1179
31200160.....97
31200386.....99
31200387.....101
31200388.....101
3251813.....1120, 1124, 1128, 1132, 1136, 1140, 1144, 1148, 1152, 1156

3290401 ... 617, 620, 985, 987, 999, 1007, 1101, 1103
3290405 579
3290501 ... 267, 953, 963, 965, 1069, 1105
3290505 ..... 91, 265, 599, 697, 717
3290601 ..... 91, 229, 249, 267, 292, 296, 620, 659, 691, 939, 953, 999, 1007, 1021, 1023, 1025, 1069, 1081
3290605 27, 71, 646, 650, 1027, 1029, 1031
3290607 1089
3290801 ... 261, 263, 271, 283, 325, 575, 687, 745, 749, 1003, 1043
3290805 ... 529, 531, 553, 563, 695, 795, 819
3290806 573
3291001 ... 251, 253, 269, 271, 273, 311, 313, 1021, 1025, 1029
3291005 ..... 89, 733, 737, 769, 783, 1029, 1031, 1047, 1049, 1051
3291007 ..... 113, 115
3291201 . 43, 45, 55, 807, 811
3291205 ..... 75, 77, 693
3291605 .... 75, 77, 79, 85
3292001 541
3300240 ... 129, 133, 135, 137, 139, 143
3311405 ..... 47, 103
3311502 229
3311505 ..... 607, 609
3311508 937
3331615 245
3332011 ..... 53, 539
3332411 53
3340829 47
3391410 229
3421453 103
3423242 ..... 135, 137
3423275 ..... 129, 133
3423276 .... 139, 141, 143
3423307 .... 133, 137, 143
3440620 107
3520072 103
3520186 41
3520198 103
3575947 307
3740080 . 265, 983, 1054, 1179
3760170 103
3760348 691
3760491 65
3760493 ..... 65, 783
3790151 265
3790152 265
3790228 762
3820020 103
3841203 .... 133, 137, 143
3900379 29, 31, 655, 657
3931632 803
3968141 ... 423, 441, 477, 492
4000015 1179
4010415 939
4010508002..... 646, 650
4010510 701
4010608002..... 575, 607, 609, 646, 650, 659, 683
4010610 703
4010610002..... 646, 650, 659, 939
4010612002..... 583
4031205 1101
4031607 ..... 717, 873
4031608 267, 1003, 1069
4031608001..... 646, 650
4031708 557
4031708001..... 643
4031910 ..... 671, 675
4031912 819
4031917 ..... 839, 841
4031918 737
4031921 ..... 755, 757
4031922 861
4032017 803
4060807 ..... 763, 766
4060918 766
4060919 ... 743, 745, 747, 749, 762
4105262 89
4109801 ..... 1120, 1124, 1128, 1132, 1136, 1140, 1144, 1148, 1152, 1156
4110422 ... 107, 109, 111, 113, 115
4110473 131
4240033 679
4240099 ... 737, 743, 745, 747, 749, 1071, 1073
4460225 ..... 960, 973
4460265 960
4460267 ... 957, 960, 961, 973, 974, 977
4460268 ... 957, 960, 961, 973, 974, 977
4460321 ..... 917, 957
4460343 ... 960, 961, 973, 974, 977
4460367 ..... 974, 977
4460434 .... 960, 961, 977
4460458 917, 1010, 1015, 1018, 1059, 1063, 1083
4460464 ... 913, 915, 917, 943, 959, 960, 979, 983, 993, 1009, 1014, 1017, 1033, 1054, 1059, 1063, 1083, 1097, 1107
4460465 ... 917, 959, 960, 971, 973, 977, 989, 993, 995, 1009, 1010, 1014, 1015, 1017, 1018, 1033, 1054, 1055, 1056, 1059, 1063, 1099, 1111, 1113
4460466 .... 917, 943, 959, 960, 971, 977, 979, 989, 993, 995, 1009, 1014, 1015, 1017, 1018, 1033, 1054, 1055, 1056, 1059, 1063, 1083, 1091, 1093, 1097, 1099, 1113
4460467 1183
4460475 917
4460496 .. 953, 965, 1015, 1017
4460497 .. 953, 965, 1015, 1017
4460508 943, 1009, 1014, 1017, 1067
4460509 ..... 1054, 1056, 1059, 1063, 1067
4460510 1183
4460518 . 917, 1054, 1055
4460536 983
4460539 .... 917, 959, 960, 977, 1033, 1054, 1059, 1063
4460608 ..... 1009, 1010, 1014, 1015, 1017, 1018
4460705 973
4460708 973
4460742 917
4460744 960
4460746 . 960, 1010, 1018
4460748 1015
4460761 ..... 917, 957
4460789 ..... 913, 1014
4460809 917
4460836 . 973, 1055, 1056
4460850 1067
4460884 .... 917, 959, 974, 993, 995, 1033, 1055, 1059, 1063, 1113
4460891 917, 1009, 1010, 1014, 1015, 1017, 1033, 1049, 1054, 1059, 1063, 1099, 1111, 1113
4460894 .. 959, 960, 1033, 1054, 1059, 1063, 1077, 1091
4460897 .. 960, 971, 1009, 1054
4460899 .... 913, 960, 979, 1054, 1077
4460906 973
4460930 .... 960, 977, 989, 1015, 1033, 1059, 1063
4460931 943
4460932 .... 915, 959, 974, 1054, 1083, 1097, 1107
4460933 960, 1009, 1014, 1018, 1054, 1055, 1056, 1059, 1063
4460934 1014
4460935 1014
4460941 .... 913, 959, 971, 974, 1059, 1063, 1091, 1093
4460942 ... 971, 973, 974, 1054, 1055, 1056, 1059, 1063, 1091, 1113
4460943 ... 943, 959, 971, 1018
4460944 . 959, 977, 1009, 1014, 1033, 1055
4460945 .. 917, 959, 1054
4460950 ..... 1009, 1014, 1017, 1054
4460955 ..... 1009, 1010, 1015, 1017
4460970 ..... 1009, 1014, 1017, 1059, 1063, 1091, 1093
4460982 1033
4460984 959
4460994 ..... 974, 1113
4461005 ..... 1010, 1015, 1017
4461006 ..... 1014, 1017
4461015 .971, 1054, 1113
4461016 959
4461017 943
4461018 ..... 1059, 1063
4461054 ..... 1010, 1015, 1093
4461070 1009
4461095 ..... 1009, 1014, 1018
4461115 ..... 974, 1083
4461118 .913, 1059, 1063
4461262 ..... 1059, 1063, 1097
4461290 997
4469464 1015
4520356 521
4520370 511
4641122 521
4641501 ..... 879, 881
4641502 ..... 131, 879
4679000268 47
4711400 103
471678 667
4740003 87
4740274 ..... 311, 313
4740532 ..... 775, 777
4751400 47
4761400 939
4761800 762
4807718 639
4811400 ... 113, 115, 119, 121, 125, 129, 133, 135, 137, 139, 141, 143, 617, 620, 985, 987, 999, 1007, 1101, 1103
4811600 ..... 91, 265, 267, 599, 646, 650, 1003, 1069, 1105
4811602001 ..... 646, 650
4811700 ... 27, 29, 31, 53, 71, 91, 229, 249, 267, 283, 292, 296, 525, 527, 551, 557, 561, 575, 591, 607, 609, 620, 643, 659, 667,

683, 691, 789, 815, 953, 999, 1003, 1007, 1021, 1023, 1025, 1027, 1029, 1031, 1039, 1043, 1047, 1049, 1051, 1069, 1081, 1085, 1087, 1089
4811700001.....646, 650
4811702....249, 259, 525, 527, 595, 597, 659, 691, 709, 711, 921, 923, 925
4811702001.....575, 583, 646, 650, 701
4811900..35, 57, 59, 249, 269, 271, 275, 277, 283, 321, 323, 325, 529, 535, 553, 563, 575, 577, 593, 607, 609, 620, 637, 661, 671, 673, 675, 687, 691, 709, 711, 729, 731, 745, 749, 751, 753, 762, 766, 795, 807, 811, 817, 819, 849, 873, 985, 987, 999, 1003, 1007, 1021, 1023, 1025, 1037, 1043, 1101, 1103
4811902....23, 25, 29, 31, 251, 261, 263, 309, 617, 620, 659, 661, 762, 766
4812000....23, 27, 29, 31, 37, 41, 89, 251, 253, 269, 271, 273, 275, 307, 311, 313, 315, 317, 327, 341, 343, 529, 531, 709, 711, 733, 737, 762, 766, 769, 783, 797, 939, 999, 1003, 1021, 1023, 1025, 1029, 1043, 1047, 1049, 1051, 1089, 1103
4812002 23, 25, 251, 253, 305, 311, 313
4812100....35, 37, 55, 75, 77, 83, 245, 299, 301, 693, 807, 811, 1027, 1029, 1031
4812102.....35, 311, 313, 523, 527
4812300..75, 77, 79, 245, 497
4812500.....53, 539, 541
4812700.....53
4831400....617, 620, 985, 987
4831600..267, 873, 1003, 1069
4831700....287, 292, 296, 659
4831900....309, 617, 620, 691
4832000.....311, 313
4832100.....311, 313
4871700..... 1047, 1049, 1051
4891800.... 133, 137, 143
5220600..... 1087
5220800.... 933, 935, 937
5241000..... 113, 115
5241600..... 825
5242400.... 229, 769, 783
5250608..... 635
5271609..... 1105
5272012..... 497
70000656..... 375
70002219..... 831
70002224..... 831
70002386..... 889, 1178
70002955..... 897
70002963 . 891, 893, 897, 1178
70002975..... 891
70002976..... 891
70003788..... 899, 1178
70003849..... 831
70005433..... 867
70006569..... 867
70020002..... 127
70020004..... 217
70020028..... 127
70020555..... 195, 197
70020562..... 123
70020764..... 895, 1178
70020770..... 707
70020867..... 903
70021140..... 477, 492
70021208..... 883, 1178
70021209..... 883
70021227..... 365
70021228..... 365
70021268..... 365
70021269..... 365
70021340..... 1089
70021341..... 1089
70021342..... 111, 123
70021349..... 109, 111
70021351..... 127
70021358..... 123
70021359..... 123
70021360..... 123
70021361..... 123
70021362..... 123
70021364..... 123
70021365..... 123
70021366..... 123
70021367..... 123
70021376..... 127, 845
70021377..... 127
70021378..... 127
70021379..... 127
70021382..... 127
70021387..... 109, 123
70021389..... 127
70021391..... 123
70021392..... 123
70021393..... 123, 853
70021399..... 123
70021415..... 109, 111
70021440 .. 105, 845, 853
70021444..... 845, 853
70021445..... 845
70021446..... 845, 853
70021447..... 845, 853
70021448..... 845, 853
70021451..... 845, 853
70021452..... 845, 853
70021464..... 853
70021465..... 853
70021466..... 853
70021526..... 371
70021531..... 895
70021613..... 481, 493
70021867..... 871
70021920..... 355
70021921..... 109, 111
70021935..... 109, 111
70021977..... 109, 111
70021978..... 109, 111
70021979..... 109, 111
70021980..... 123
70021981..... 123
70021982..... 123
70022008..... 885
70022010..... 885
70022012..... 885
70022014..... 885, 887
70022028..... 109, 111
70022075 . 357, 359, 363, 365, 367
70022527 .. 109, 111, 123
70022528..... 109, 111
70022529..... 109, 111
70022564..... 855, 867
70022634 .. 235, 239, 243
70022765 949, 951, 1179
70022797 . 423, 441, 477, 492
70022798..... 479, 492
70022799..... 479, 492
70022931..... 202, 207
70022932..... 202, 207
70022933..... 207
70022934..... 202, 207
70022935..... 203, 207
70022936..... 202, 207
70022937..... 202, 207
70022938..... 207
70022939..... 203, 207
70022940..... 207
70022941..... 207
70022942..... 202, 207
70022943..... 207
70022944..... 207
70022945..... 207
70022946..... 203, 207
70022947..... 207
70022948..... 207
70022949 .. 202, 203, 207
70022950..... 202, 207
70022951..... 207
70022952..... 202
70022957..... 202, 208
70022960..... 202, 208
70022966..... 208
70022969..... 202, 208
70022970..... 202, 208
70022971..... 207
70022972..... 207
70022973..... 207
70022974..... 207
70022975..... 207
70022976..... 207
70022977..... 207
70022978..... 207
70022979..... 208
70022980..... 203, 207
70022982..... 207
70022984..... 202, 208
70022985..... 202, 208
70022987..... 202, 208
70022988..... 207
70022990..... 203, 208
70022992..... 202, 208
70022993..... 202, 208
70022994..... 202, 208
70022995..... 202, 208
70022998..... 203, 207
70022999..... 207
70023000..... 155, 207
70023001..... 207
70023003..... 202, 208
70023004..... 202, 213
70023005..... 202, 213
70023006..... 202, 213
70023007..... 202, 213
70023008... 202, 208, 213
70023009..... 202, 208
70023010..... 202, 207
70023014..... 202, 208
70023015..... 202
70023016... 202, 207, 208
70023369..... 843
70023376..... 855
70023380..... 855
70023474..... 389
70023476..... 391
70023736... 235, 239, 243
70023800..... 391
70023801..... 391
70023885..... 355, 385
70023900..... 443, 459
70023925... 202, 208, 211
70023928..... 881
70023929..... 881
70023933..... 235, 239
70024016... 235, 239, 243
70024020..... 831
70024059..... 109, 111
70024060..... 111
70024062..... 105
70024127..... 155
70024129..... 159
70024186..... 871
70024188..... 871
70024189..... 871
70024202..... 885
70024210.. 429, 445, 481, 493
70024213..... 429, 445
70024262..... 831
70024306..... 187
70024307..... 187
70024407..... 871
70024408..... 871

70024414 871
70024415 871
70024416 871
70024519 ..... 475, 492
70024522 . 423, 441, 477, 492
70024551 149
70024552 149
70024679 151
70024684 151
70024721 ..... 151, 155
70024733 159
70024734 159
70024759 ..... 151, 161
70024761 ..... 151, 161
70024872 ..... 421, 439
70024881 . 425, 433, 479, 485, 492, 494
70024902 ..... 361, 367
70025011 ..... 425, 443
70025012 ..... 425, 443
70025014 ..... 425, 443
70025353 208
70025555 ..... 423, 477
70025556 ..... 423, 477
70025561 425
70025562 . 425, 443, 477, 479, 492
70025569 ..... 477, 492
70025570 ..... 477, 492
70025606 831
70025816 689
70025817 689
70025821 ..... 481, 493
70025822 ..... 481, 493
70025823 . 429, 445, 481, 493
70025844 705
70025850 ..... 257, 1178
70025851 ..... 257, 1178
70025852 ..... 255, 1178
70025853 ..... 255, 1178
70025859 693
70025860 693
70025884 .. 461, 485, 494
70025897 871
70025959 831
70025981 429
70026031 441
70026056 831
70026057 831
70026058 831
70026059 831
70026060 831
70026061 831
70026062 831
70026081 319
70026082 319
70026211 859
70026212 859
70026213 859
70026214 859
70026215 859
70026220 ..... 235, 239
70026221 235
70026222 ..... 235, 243
70026223 239
70026224 .. 235, 239, 243
70026225 .. 235, 239, 243
70026226 .. 235, 239, 243
70026228 .. 235, 239, 243
70026229 .. 235, 239, 243
70026230 .. 235, 239, 243
70026231 .. 235, 239, 243
70026232 .. 235, 239, 243
70026233 243
70026234 235, 243, 1178
70026235 .. 235, 239, 243
70026236 239
70026237 . 235, 239, 243, 1178
70026238 . 425, 443, 479, 493
70026241 .. 235, 239, 243
70026244 285
70026245 285
70026247 285
70026248 285
70026257 705
70026258 705
70026262 ..... 429, 445
70026292 ..... 955, 1179
70026293 ..... 967, 1179
70026294 ..... 1045, 1179
70026295 ..... 1045, 1179
70026296 ..... 1045, 1179
70026297 ..... 1045, 1179
70026310 891
70026311 891
70026312 891
70026313 891
70026314 891
70026315 891
70026333 891
70026334 891
70026353 319
70026354 319
70026355 319
70026356 319
70026357 319
70026358 319
70026359 319
70026360 319
70026369 885
70026370 885
70026373 885
70026374 885
70026375 885
70026376 885
70026377 885
70026378 885
70026380 885
70026381 885
70026383 885
70026389 885
70026393 255
70026394 255
70026395 257
70026396 257
70026401 901
70026433 693
70026440 899
70026442 899
70026443 899
70026444 899
70026445 899
70026446 899
70026453 . 235, 239, 1178
70026480 149
70026481 155
70026482 155
70026493 869
70026503 159
70026507 869
70026508 869
70026509 869
70026511 869
70026512 869
70026513 869
70026515 351
70026516 .. 351, 353, 355, 385
70026517 ... 353, 375, 379
70026518 353
70026519 355
70026529 .. 357, 359, 361, 363, 365, 367
70026530 361
70026532 365
70026535 ..... 363, 367
70026536 ... 369, 389, 391
70026537 693
70026539 373
70026544 ..... 373, 375
70026547 375
70026548 375
70026554 375
70026555 375
70026556 375
70026566 869
70026567 869
70026572 871
70026582 ..... 903, 1178
70026583 871
70026622 .. 425, 443, 479, 493
70026623 ..... 429, 445
70026624 .. 425, 443, 479, 492
70026625 .. 426, 443, 457, 479, 493
70026626 .. 426, 443, 479, 493
70026627 .. 426, 443, 479, 493
70026630 .. 433, 449, 461, 485, 494
70026631 .. 423, 441, 477, 492
70026634 492
70026640 887
70026641 887
70026642 887
70026643 887
70026644 887
70026645 887
70026646 887
70026647 887
70026648 887
70026649 887
70026650 887
70026651 887
70026652 887
70026653 887
70026654 887
70026655 887
70026656 887
70026657 887
70026658 887
70026659 887
70026660 887
70026661 887
70026662 887
70026663 887
70026664 887
70026665 887
70026666 887
70026667 887
70026668 887
70026669 887
70026670 887
70026671 887
70026672 887
70026673 887
70026674 887
70026675 887
70026685 883
70026686 883
70026698 ..... 109, 111
70026699 105
70026745 195
70026746 195
70026747 105
70026749 . 421, 439, 475, 492
70026770 847
70026771 847
70026773 847
70026774 847
70026775 847
70026798 . 425, 457, 479, 493
70026799 . 431, 447, 483, 494
70026800 243
70026801 ..... 243, 1178
70026944 105
70026946 105
70026948 105
70026949 105
70027009 109
70027024 611
70027026 611
70027027 611
70027028 611
70027030 611
70027032 611
70027033 611
70027035 611
70027098 885
70027114 .. 426, 479, 493
70027130 885
70027244 867
70027281 ..... 235, 243
70027315 .. 425, 479, 493
70027317 .. 429, 481, 493
70027642 127
70027651 .. 355, 371, 379

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

70027705.....285
70027706.....285
70027753.....855
70027772.....481, 493
70027951.....208
70028119.....157
70028130.....155
70028153.....151, 161
70028154.....151, 161
70028155.....151, 161
70028163.....391
7002821.....1183
7002822.....1183
7002823.....1183
7002828.....1183
70028281.755, 757, 1178
70028387.....421, 425
70028392...425, 479, 492
70028450.....235, 239
70028451.....899
70028453...751, 755, 757
70028468.....431, 483
70028469.....421, 425
70028470.....477
70028471...423, 477, 492
70028473.....425, 479
70028474.....425, 479
70028475.....431, 483
70028476.....431, 483
70028477.....431, 483
70028478.....885
70028482.....885
70028484.....885
70028514.....877
70028515.....877
70028516.....877
70028517.....877
70028546.....913
70028661.....155
70028672.....155
70028701.....149, 161
70028702.....149, 161
70028703.....149, 161
70028706.....161
70028707.....161
70028708.....161
70028768.....155
70028853.....355
70028854.....355
70028855.....355
70029468.....855
70029469.....867
70029525.....353, 391
70029526...361, 363, 367
70029527.....371
70029528.....373
70029530.....373, 375
70029531.....375
70029532.....375
70029533.....375
70029534.....375
70029535.....375
70029536.....375
70029537.....375
70029538.....379
70029539.....381
70029540.....373, 375
70029541..... 373, 375
70029542..... 373
70029543..... 373
70029586..... 149
70029587..... 149
70029588..... 149
70029592..... 159
70029593..... 159
70029594..... 159
70029595..... 149, 155
70029596..... 157
70029597..... 157, 1178
70029598..... 157
70029599..... 157
70029600..... 157
70029601..... 157
70029602..... 157
70029603..... 159
70029604..... 159
70029605..... 159
70029606..... 159
70029607..... 159
70029608..... 149
70029609..... 149
70029610..... 149
70029611..... 149
70029612..... 149
70029613..... 149
70029614..... 149
70029615..... 149
70029616..... 149
70029617..... 149
70029618..... 149
70029619..... 149
70029620..... 149
70029621..... 149
70029622..... 149
70029623..... 149
70029624..... 149
70029625..... 149
70029626..... 149
70029627..... 149
70029628..... 149
70029629..... 149
70029630..... 149
70029631..... 149
70029632..... 151
70029633..... 151
70029634..... 151
70029635..... 151
70029636..... 151
70029637..... 151
70029638..... 151
70029639..... 151
70029640..... 151
70029641..... 151
70029642..... 151
70029643..... 151
70029644..... 153
70029645..... 153
70029646..... 153
70029647..... 159
70029648..... 149
70029649..... 161
70029650..... 161
70029651..... 161
70029652..... 161
70029653..... 161
70029654..... 161
70029655..... 161
70029656..... 161
70029657..... 161
70029658..... 161
70029659..... 155
70029660..... 155
70029661..... 155
70029662..... 155
70029663..... 155
70029664..... 155
70029665..... 155
70029666..... 155
70029667..... 155
70029668..... 155
70029669..... 155
70029670..... 155
70029671..... 155
70029672..... 155
70029673..... 155
70029674..... 155
70029675..... 155
70029676..... 155
70029677..... 155
70029678..... 155
70029679..... 155
70029680..... 155
70029681..... 153
70029682..... 153
70029683..... 153
70029684..... 153
70029685..... 153
70029686..... 153
70029687..... 153
70029688..... 153
70029689..... 153
70029690..... 153
70029691..... 153
70029692..... 153
70029693..... 153
70029694..... 153
70029695..... 153
70029704..... 221
70029705..... 221
70029706..... 221
70029707..... 221
70029708..... 221
70029709..... 221
70029710..... 221
70029711..... 221
70029712..... 221
70029713..... 221
70029714..... 221
70029715..... 221
70029716..... 221
70029717..... 227
70029718..... 227
70029719..... 227
70029720..... 217
70029721..... 217
70029722..... 217
70029723..... 217
70029724..... 217
70029725..... 217, 223
70029726..... 217
70029727..... 219
70029728.....217
70029729.....217
70029730.....219
70029731.....219
70029732.....217, 221
70029733.....221
70029734...217, 221, 223
70029735.....217, 223
70029736.....217
70029737.....221
70029738.....217, 223
70029739..217, 223, 225, 227
70029740.....223
70029741...217, 225, 227
70029742.....217, 223
70029743...217, 223, 227
70029744.....225
70029745.....217
70029746.....225, 227
70029747.....217, 223
70029748.....225
70029749.....225, 227
70029750.....223
70029751.....217
70029752.....217
70029753.....221
70029754.....221
70029755.....217
70029756.....217, 223
70029757.....217
70029758.....221
70029759.....221
70029760.....217
70029761.....227
70029762.....217, 223
70029763.....225
70029764.....217
70029765.....217
70029766.....217
70029767.....217
70029768.....217
70029769.....227
70029770.....225
70029771.....227
70029772.....227
70029773.....217
70029774.....217
70029775.....217
70029776.....217
70029777.....217, 223
70029778.....217
70029779.....217
70029780.....217, 223
70029781.....217, 223
70029782.....219
70029783.....219
70029784.....217
70029785.....223
70029786.....217
70029787.....225
70029788.....217
70029789.....225, 227
70029790.....217
70029791.....221
70029792.....223
70029793.....217

70029794 ..... 217, 223
70029795 221
70029796 221
70029802 855
70029806 855
70029807 855
70029808 855
70029809 855
70029816 885
70029817 885
70029818 885
70029819 885
70029820 885
70029976 893
70029977 893
70030036 897
70030100 893
70030101 893
70030141 127
70030142 127
70030143 127
70030144 127
70030145 127
70030317 239
70030347 239
70030388 ..... 851, 863
70030389 ..... 851, 863
70030390 863
70030391 . 835, 837, 851, 863
70030392 ..... 851, 863
70030393 ..... 851, 863
70030394 ..... 851, 863
70030395 851
70030396 ..... 835, 837
70030397 ..... 835, 837
70030398 837
70030399 ..... 835, 837
70030400 ..... 835, 837
70030401 ..... 835, 837
70030402 ..... 835, 837
70030405 835
70031148 235
70031325 833
70031326 833
70031327 833
70031328 833
70031329 833
70031330 867
70031331 867
70031332 867
70031333 867
70031334 843
70031335 843
70031336 843
70031337 843
70031338 843
70031350 239
70031351 239
70031352 239
70031380 239
70031440 155
70031441 155
70031443 131
70031444 127
70031445 ..... 109, 111
70031446 123
70031447 155
70031450 707
70031451 707
70031452 707
70031453 707
70041616 .. 235, 239, 243
70041617 .. 235, 239, 243
70041619 .. 235, 239, 243
70041620 .. 235, 239, 243
7004275 1183
7004276 1183
70050472 885
70050481 885
70050504 885
70050507 885
70050508 885
70050795 843
70050801 843
7007103 867
7010543 ..... 889, 891
7012510 899
7012941 ..... 889, 891
7012953 891
7012967 889
7016654 1183
7017406 891
7017410 ..... 889, 891
7021653 891
7022390 .... 755, 757, 897
7022399 899
7024808 899
7024939 871
7024943 871
7024944 871
7024953 871
7024954 871
7026577 391
7026578 391
7026744 347
7026745 347
7026746 349
7026747 351
7026748 351
7026749 351
7026750 353
7026751 353
7026752 353
7026754 355
7026755 355
7026756 355
7026757 357
7026758 ... 357, 359, 361, 363, 365, 367
7026759 ... 357, 359, 361, 363, 365, 367
7026760 ... 357, 359, 361, 363, 365, 367
7026761 ... 357, 359, 361, 363, 365, 367
7026762 359
7026765 365
7026766 365
7026769 ... 365, 371, 393, 395
7026771 371
7026772 371
7026773 371
7026774 371
7026775 371
7026776 373
7026780 373
7026781 373
7026782 377
7026783 377
7026784 377
7026787 375
7026788 375
7026789 375
7026791 379
7026792 ..... 355, 379
7026793 379
7026794 ..... 355, 379
7026796 393
7026798 611
7027254 387
7027255 387
7027265 ..... 361, 363
7027267 365
7027269 393
7027270 393
7027271 395
7027272 395
7027273 397
7028706 .... 475, 479, 492, 493
7028710 ..... 423, 441, 451
7028714 .... 425, 443, 479, 492
7028715 .... 425, 443, 479, 493
7028716 .... 425, 443, 479, 493
7028721 .... 425, 443, 479, 493
7028733 .... 426, 443, 479, 493
7028734 ..... 429, 445
7028735 ..... 429, 445
7029031 355
7029129 ..... 423, 451
7029131 .... 423, 451, 477, 492
7029267 ..... 373, 375
7029286 .... 425, 435, 455, 479, 493
7029431 .... 425, 435, 443, 455, 479, 493
7029486 ..... 643, 1165
7029520 197
7029521 197
7029528 .... 431, 447, 483, 494
7029529 .... 431, 447, 483, 494
7029692 ..... 111, 123
7029711 127
7029714 123
7029737 .... 425, 443, 479, 493
7029786 ..... 481, 493
7029788 ..... 429, 445
7029849 .... 357, 359, 363, 365, 367
7029850 ... 357, 359, 361, 363, 365, 367
7029852 ... 357, 359, 361, 363, 365, 367
7029969 1089
7029970 1089
7029971 1089
7029973 353
7062922 141
7110702 141
7110712 141
7110722 141
7114032 69
7117502 69
7138978 67
7138979 67
7138986 ..... 57, 67
7139918 131
7300435 245
7301295 131
7301408 171
77133137 ..... 741, 783
77133139 741
77133140 741
77133168 ..... 771, 773
77363244 1033
8000759 573
8000803 575
8004398 573
8007749 441
8007751 ..... 423, 451
8007755 ..... 423, 451
80204005 . 421, 425, 439, 453, 475, 479, 492, 493
80204012 ..... 426, 443
80204060 ..... 429, 445
80204065 . 425, 443, 479, 493
80204071 . 425, 443, 479, 492
80204108 ..... 429, 445
80204117 . 425, 429, 433, 443, 445, 461, 479, 481, 485, 492, 493, 494
80204281 ..... 429, 445
80233218 . 743, 745, 747, 749
80304227 365
80304405 351
80334277 871
8033786 833
8034697 885
8035346 887
8035348 887
8035373 887
8035382 ..... 885, 887
8036190 ..... 361, 363
8036250 379
80363179 ..... 1033, 1091, 1093
80363195 593
8036528 ..... 373, 375
8036529 373
8036733 847
8036847 ..... 353, 355
8037088 887
8037140 859

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

80484081.....1010
80604018.....1033, 1099, 1111
80604020.....1083
80604021.....995, 1033
80604025.....1033
806253.....529
806264.....529
80634004.....871
8065062.....141
80933113.....775, 777
80933367.....261, 263
80963056.....1067
80963067.....1015, 1067
80983191..955, 967, 969, 1015, 1178
82033995.....249, 289
8220035.....915
8220050.....1075
8220051.....973, 1056
8220097.....1014
8220098.....1014
8220108.....915, 997
8220116.....1055
8220124.....1009, 1014, 1018
8220375.....959
8229234.....918, 1178
8229235.....917, 1178
8229242..955, 967, 1015, 1178
8229244 969, 1015, 1045, 1178
8229245 .955, 1045, 1179
8229247 .967, 1045, 1179
8229261.....917, 1178
8275212.....271, 273
8278020.....311, 313
8303620.....503, 507
8303634.....131, 141
8303658.....131
8303715.....141
8305624.....131
8305643.....131, 141
8305645.....503, 507
8305919....259, 595, 597, 646, 650, 659, 921, 925
8307110.....503, 507
8307904.....141
8307918.....141
8310160.....141
8310161.....141
8310302.....131
8310435.....131
8310559.....587
8310620.....49, 415, 417, 469, 471
8310686..762, 766, 1101, 1103
8405006....743, 745, 747, 749, 762, 766
8405007....315, 341, 343, 762, 766
8405009....277, 315, 317, 691
8405101.....315, 317
8405201.....315, 317, 650
8405202..... 315, 317
8405209..... 762, 766
8405212.... 265, 331, 333
8405305.... 265, 331, 333
8405402..... 253
8406102..... 327
8406105..... 1029
8406112..... 292, 296
8406201 . 249, 999, 1003, 1007, 1047, 1049, 1051
8410007..... 261
8410009... 249, 289, 617, 620, 747, 749, 762
8410011..... 261, 263
8410013.... 289, 315, 317
8410019..... 315
8420053... 109, 127, 131, 133, 137, 141, 143, 155, 207, 735
8420055... 109, 127, 131, 133, 137, 141, 143, 155, 207
8424217..... 779
8424233..... 762
8430032... 779, 781, 783, 799, 805, 813
8430033.... 781, 805, 813
8430034..... 301
8430082..... 799
8466306..... 605
8546407..... 762
8580315..... 141
8584003..... 991
8630003..... 131
8630005..... 773
8642207..... 141
86683122..... 267, 1069
86683211..... 269, 271
86883127..... 271
8750016..... 783
8750029..... 762
8750030..... 762, 766
8769132..... 141
8769146..... 762, 766
8769153..... 762
8770016..... 141
8770120... 743, 745, 747, 749
8770215..... 827, 829
8780031..... 511
8786514... 501, 503, 505, 507, 509, 511
88662434..... 763
88671001.. 133, 137, 143
8880218-OM..... 401, 403
8881802..... 287
8902842..... 833
90200003 . 129, 131, 133, 135, 137, 139, 141, 143
90206195..... 271
90206198..... 25
90451058..... 131
90554016 . 105, 109, 111, 123, 127, 195
90554017..... 123, 127
90554018..... 123
90554020.. 109, 111, 127
90554033..... 105
90554034..... 105
90554042..... 109, 111
90554045..... 845, 853
90554054..... 109, 111
90554062..... 111, 123
90554065..... 123, 127
90554067..... 127
90554076..... 111, 123
90554080..... 197
91013191..... 1059, 1063
91013192..... 1054
91043125 .. 203, 733, 737
91043126 .. 202, 733, 737
91053419..... 265
91403193..... 405, 407
91403413 . 109, 127, 131, 133, 137, 141, 143, 155, 203, 207, 733, 737
91403414 . 109, 127, 131, 133, 137, 141, 143, 155, 202, 207, 733, 737
91403448..... 107
91413025..... 261, 263
91473151..... 401
91473206..... 509, 511
91474507 . 421, 425, 439, 443, 475, 492
91474512 . 421, 439, 475, 492
91474513..... 439, 443
91474515 . 433, 461, 485, 494
91474516 . 433, 461, 485, 494
91474522 . 431, 447, 483, 493
91474524..... 443
91474529 . 423, 441, 477, 492
91474533 . 423, 441, 477, 492
91474539 . 423, 441, 477, 492
91474547 . 423, 441, 477, 492
91474549..... 423, 451
91474550 . 423, 451, 477, 492
91474551 . 423, 451, 477, 492
91474553 . 423, 451, 477, 492
91474559..... 429, 445
91474560..... 429, 445
91474561..... 429, 445
91474564..... 429, 445
91474565..... 429, 445
91474568 . 429, 445, 481, 493
91474570..... 429, 445
91474571..... 445
91474572..... 445
91474573..... 445
91474576 . 425, 443, 479, 493
91474579..425, 457, 479, 493
91474580..425, 457, 479, 493
91474583.....443
91474584..425, 443, 479, 493
91474585..425, 435, 455, 479, 493
91474586..435, 455, 459, 493
91474587..435, 455, 459, 493
91474591..423, 441, 477, 492
91474592.....423
91474593.....477, 492
91474595.....477, 492
91475054.....511
91475055.....511
91504107.....1033, 1091
91513266.....523, 527
91514081..425, 443, 479, 492
91514082..425, 443, 479, 492
91514083.....425, 443
91514084.....425, 443
91514095..425, 443, 479, 493
91514098..421, 439, 475, 492
91514099.....443, 461
91514111..425, 443, 479, 492
91514112..425, 443, 479, 493
91514113...443, 479, 493
91514114.....443, 493
91514115.....443, 493
91514117...425, 443, 479
91514118.....523, 527
91514123.....423, 441
91514134..423, 441, 477, 492
91514146..425, 453, 479, 492
91514147..425, 453, 479, 492
91514148..425, 453, 479, 492
91514149..425, 443, 453, 479, 492
91514154..429, 445, 481, 493
91514159..429, 445, 481, 493
91514165.....445
91514181..426, 443, 479, 493
91514183..425, 443, 479, 493
91514188..439, 443, 475, 479, 492, 493
91514189..425, 443, 479, 493
91554019.....1033

91561240 ..... 825 H000071 ..... 891 N.S.S. 425, 433



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

(717) 485-5161 (Corporate)
(877) 554-5438 (Customer Support)
(717) 485-6417

Visit our website for JLG Worldwide Locations.
www.jlg.com



OSHKOSH™