SKYTRAK®

Illustrated Parts Manual

Model 8042

PVC 2405

P/N 3122329100

May 1, 2024 - Rev A

JLG®

An Oshkosh Corporation Company

EFFECTIVITY PAGE

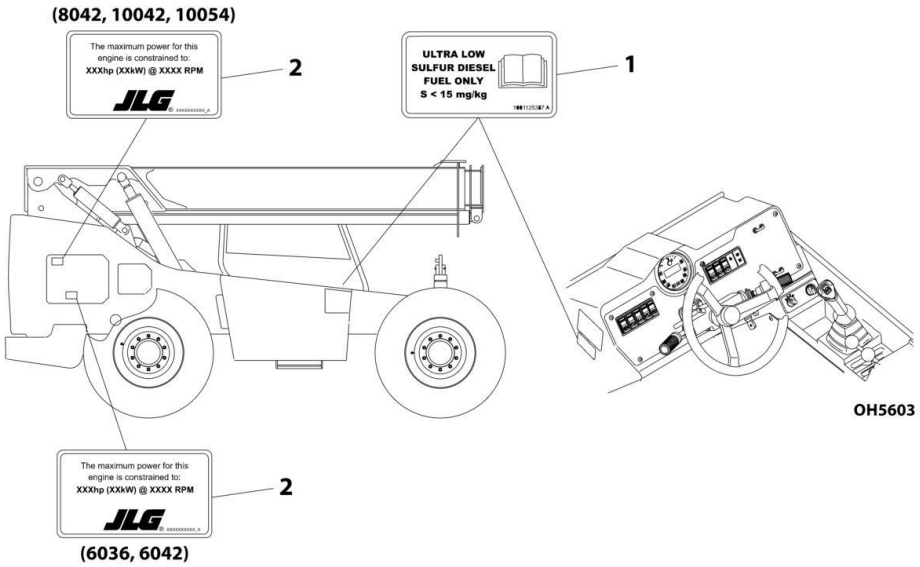
May 1, 2024 - A - Original Issue of Manual (Edited to B/M 1001169970 Revision BJ)

Machine Configuration

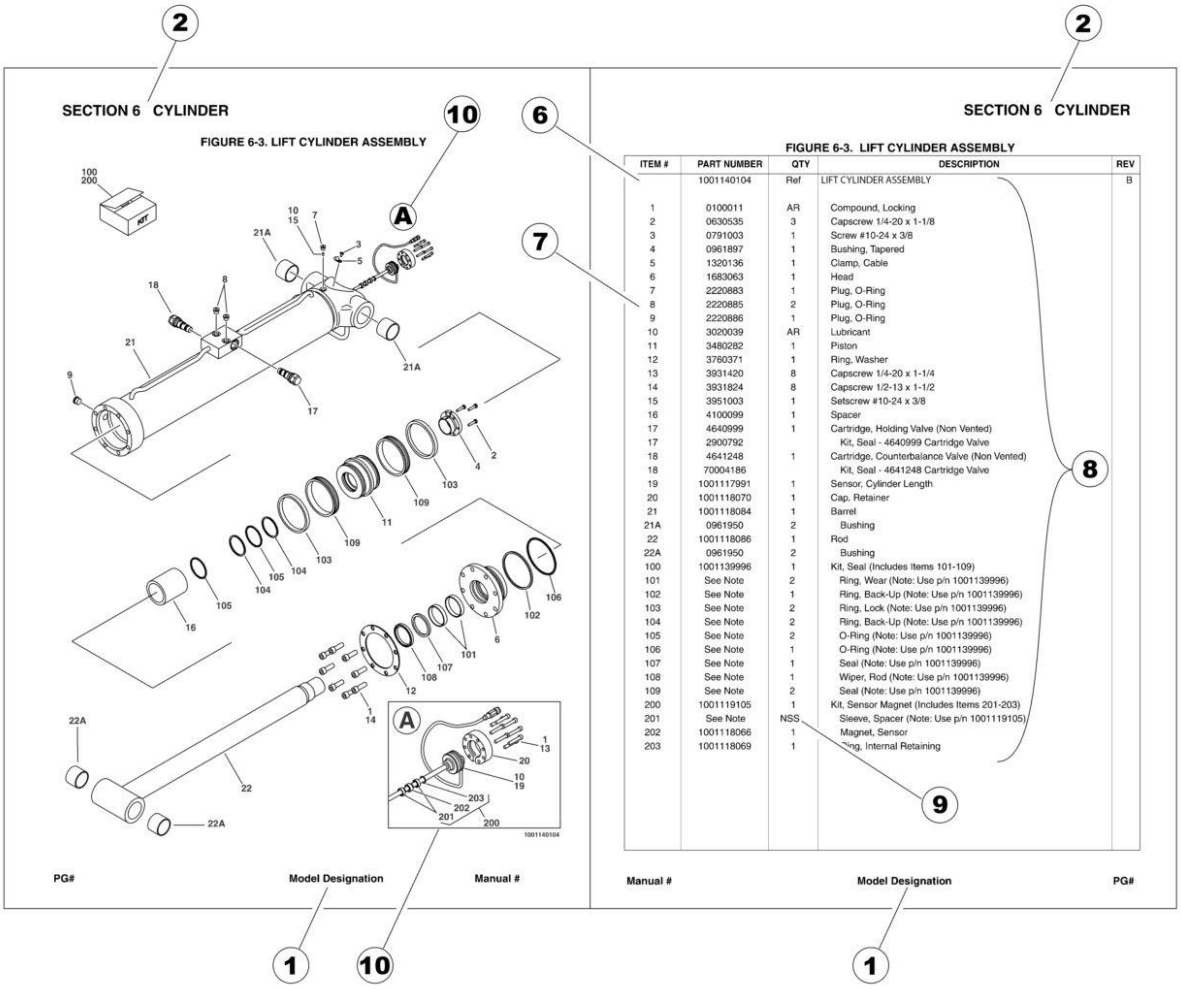
Two configurations of each machine are included in this manual. Determine if machine is equipped with Ultra Sulfer Fuel Decal (1) as indicated below.

- **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.**

Engine horsepower can be found on the decals (2) located inside the engine compartment doors.



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 15

FIGURE 1-1. FRAME COMPONENTS INSTALLATION (74HP ULS) 16
FIGURE 1-2. FRAME COMPONENTS INSTALLATION (110HP LS) 20
FIGURE 1-3. FRAME COMPONENTS INSTALLATION (110HP ULS) 24
FIGURE 1-4. DEF TANK ASSEMBLY (110HP ULS) 28
FIGURE 1-5. DUST SHIELD INSTALLATION 30
FIGURE 1-6. FRAME COVERS INSTALLATION (74HP ULS) 32
FIGURE 1-7. FRAME COVERS INSTALLATION (74HP ULS WITH AIR SHUT OFF VALVE) 34
FIGURE 1-8. FRAME COVERS INSTALLATION (110HP LS) 36
FIGURE 1-9. FRAME COVERS INSTALLATION (110HP ULS) 38
FIGURE 1-10. FRAME COVERS INSTALLATION (110HP ULS WITH AIR SHUT OFF VALVE) 40
FIGURE 1-11. TANKS ASSEMBLY - HYDRAULIC/FUEL/DEF (74HP ULS) 42
FIGURE 1-12. TANKS INSTALLATION - HYDRAULIC/FUEL/DEF (110HP ULS) 44
FIGURE 1-13. TANKS ASSEMBLY - HYDRAULIC/FUEL (110HP ULS & LS) 46

SECTION 2 - BOOM 49

FIGURE 2-1. BOOM INSTALLATION 50
FIGURE 2-2. BOOM AUXILIARY HYDRAULICS INSTALLATION (10042,6042,8042) 54
FIGURE 2-3. EXTEND CHAIN ASSEMBLY (10042,6042,8042) 56
FIGURE 2-4. HOSE PULLEY ASSEMBLY 58
FIGURE 2-5. LOCK PIN ASSEMBLY 60
FIGURE 2-6. QUICK COUPLING ASSEMBLY 62
FIGURE 2-7. RETRACT CHAIN AND CLEVIS ASSEMBLY 64
FIGURE 2-8. BOOM PROP INSTALLATION 66
FIGURE 2-9. BOOM PROP BRACKET INSTALLATION 68

SECTION 3 - ATTACHMENTS 71

FIGURE 3-1. BASKET, PERSONNEL - 4FT X 8FT DOMESTIC) 72
FIGURE 3-2. BASKET, PERSONNEL - 4FT X 8FT (ISO) 74
FIGURE 3-3. BASKET, PERSONNEL - 4FT X 8FT (FRENCH) 76
FIGURE 3-4. BASKET, FORK MOUNTED 78
FIGURE 3-5. BOOM - ADJUSTABLE (CARRIAGE MOUNTED) 80
FIGURE 3-6. BOOM - ADJUSTABLE (FORK MOUNTED) 82
FIGURE 3-7. BOOM - 3FT WITH WINCH 84
FIGURE 3-8. BOOM - 12FT WITH WINCH 86
FIGURE 3-9. BOOM - 12FT WITHOUT WINCH 88
FIGURE 3-10. BOOM - 15FT WITHOUT WINCH 90
FIGURE 3-11. BUCKET - 60IN (1.3 CU YD) (FORK MOUNTED) 92
FIGURE 3-12. BUCKET - 72IN (1.0 CU YD) 94
FIGURE 3-13. BUCKET - 96IN (1.5 CU YD) 96
FIGURE 3-14. BUCKET - 96IN GRAPPLE 98
FIGURE 3-15. BUCKET - 102IN (2.0 CU YD) 100
FIGURE 3-16. CARRIAGE ASSEMBLY - 48IN/12000# CAPACITY SIDE SHIFT 102
FIGURE 3-17. CARRIAGE ASSEMBLY - 50IN/10000# CAPACITY DUAL FORK POSITIONING 104
FIGURE 3-18. CARRIAGE ASSEMBLY - 50IN/12000# CAPACITY STANDARD 106

TABLE OF CONTENTS

FIGURE 3-19. CARRIAGE ASSEMBLY - 50IN/12000# CAPACITY SIDE TILT 108
FIGURE 3-20. CARRIAGE ASSEMBLY - 60IN/12000# CAPACITY STANDARD 110
FIGURE 3-21. CARRIAGE ASSEMBLY - 60IN/12000# CAPACITY SIDE TILT 112
FIGURE 3-22. CARRIAGE ASSEMBLY - 72IN/10000# CAPACITY 90 DEGREE SWING 114
FIGURE 3-23. CARRIAGE ASSEMBLY - 72IN/12000# CAPACITY SIDE TILT 116
FIGURE 3-24. CARRIAGE ASSEMBLY - 72IN/15000# CAPACITY STANDARD 118
FIGURE 3-25. FORK 1.75X7X60 / 5400# CAPACITY 120
FIGURE 3-26. FORK 2X2X48 / 1940# CAPACITY 122
FIGURE 3-27. FORK 2.00X6X72 / 6610# CAPACITY 124
FIGURE 3-28. FORK 2.36X4X48 / 5475# CAPACITY 126
FIGURE 3-29. FORK 2.36X4X48 / 6850# CAPACITY 128
FIGURE 3-30. FORK 2.36X4X60 / 5000# CAPACITY 130
FIGURE 3-31. FORK 2.36X5X48 / 5000# CAPACITY 132
FIGURE 3-32. FORK 2.36X5X60 / 6850# CAPACITY 134
FIGURE 3-33. FORK 2.36X5X72 / 6850# CAPACITY 136
FIGURE 3-34. FORK 2.36X6X60 / 8150# CAPACITY 138
FIGURE 3-35. FORK EXTENSION - 90IN 140
FIGURE 3-36. FORK PIN LOCK INSTALLATION 142
FIGURE 3-37. HOOK, COUPLING 144
FIGURE 3-38. HOOK, CRANE 146
FIGURE 3-39. MAST, VERTICAL - 8FT 148
FIGURE 3-40. SHEET MATERIAL HANDLER 152
FIGURE 3-41. SHEET MATERIAL HANDLER FORK SUPPORT (LH) 154
FIGURE 3-42. SHEET MATERIAL HANDLER FORK SUPPORT (RH) 156
FIGURE 3-43. SWEEPER ASSEMBLY 158
FIGURE 3-44. SWEEPER ASSEMBLY - BODY 160
FIGURE 3-45. SWEEPER ASSEMBLY - CORE 162
FIGURE 3-46. SWEEPER ASSEMBLY - HOPPER 164
FIGURE 3-47. SWEEPER ASSEMBLY - HYDRAULIC SINGLE MOTOR 166
FIGURE 3-48. SWEEPER ASSEMBLY - IDLER 168
FIGURE 3-49. SWEEPER ASSEMBLY - MOTOR 170
FIGURE 3-50. TRASHER HOPPER 172

SECTION 4 - ENGINE AND ATTACHING PARTS 175

FIGURE 4-1. ENGINE INSTALLATION - 74HP (ULS) 176
FIGURE 4-2. ENGINE COMPONENTS - 74HP (ULS) 178
FIGURE 4-3. ENGINE INSTALLATION - 110HP (LS) 180
FIGURE 4-4. ENGINE COMPONENTS - 110HP (LS) 182
FIGURE 4-5. ENGINE INSTALLATION - 110HP (ULS) 184
FIGURE 4-6. ENGINE COMPONENTS - 110HP (ULS) 186
FIGURE 4-7. A/C COMPONENTS INSTALLATION - 74HP 188
FIGURE 4-8. A/C COMPONENTS INSTALLATION - 110HP 190
FIGURE 4-9. AIR CLEANER ASSEMBLY - 74HP & 110HP (ULS) 192
FIGURE 4-10. AIR CLEANER ASSEMBLY - 110HP (LS) 194
FIGURE 4-11. AIR CLEANER INSTALLATION - 74HP & 110HP (ULS) 196
FIGURE 4-12. AIR CLEANER INSTALLATION - 110HP (LS) 198

FIGURE 4-13. AIR INTAKE SHUT OFF VALVE INSTALLATION 200
FIGURE 4-14. BREATHER HEATER INSTALLATION - 74HP 202
FIGURE 4-15. COOLING INSTALLATION - 74HP (ULS) 204
FIGURE 4-16. COOLING INSTALLATION - 110HP (ULS & LS) 206
FIGURE 4-17. COOLING LINES INSTALLATION - 74HP & 110HP (ULS) 208
FIGURE 4-18. COOLING LINES INSTALLATION - 110HP (LS) 210
FIGURE 4-19. DE-AERATION TANK ASSEMBLY - 74HP & 110HP (ULS) 212
FIGURE 4-20. DEF SYSTEM INSTALLATION 214
FIGURE 4-21. DEF COOLANT LINES INSTALLATION 216
FIGURE 4-22. DEF LINES INSTALLATION 218
FIGURE 4-23. DEF PUMP ASSEMBLY 220
FIGURE 4-24. EXHAUST INSTALLATION - 74HP (ULS) 222
FIGURE 4-25. EXHAUST INSTALLATION - 110HP (LS) 224
FIGURE 4-26. EXHAUST INSTALLATION - 110HP (ULS) 226
FIGURE 4-27. FAN INSTALLATION - 74HP (ULS) 228
FIGURE 4-28. FAN INSTALLATION - 110HP (ULS & LS) 230
FIGURE 4-29. FUEL LINES INSTALLATION - 74HP & 110HP (ULS) 232
FIGURE 4-30. FUEL LINES INSTALLATION - 110HP (LS) 234
FIGURE 4-31. ISOLATION COUPLER INSTALLATION - 74HP & 110HP (ULS & LS) 236
FIGURE 4-32. RADIATOR ASSEMBLY - 74HP (ULS) 238
FIGURE 4-33. RADIATOR ASSEMBLY - 110HP (ULS & LS) 240

SECTION 5 - DRIVE TRAIN 243

FIGURE 5-1. TRANSMISSION INSTALLATION 244
FIGURE 5-2. TRANSMISSION ASSEMBLY 246
FIGURE 5-3. TRANSMISSION, CONTROL UNIT 248
FIGURE 5-4. TRANSMISSION, COUPLING GROUP 1 250
FIGURE 5-5. TRANSMISSION, COUPLING GROUP 2 252
FIGURE 5-6. TRANSMISSION, COUPLING GROUP 3 254
FIGURE 5-7. TRANSMISSION, COUPLING GROUP 4 256
FIGURE 5-8. TRANSMISSION, ENGINE CONNECTION AND CONVERTER 258
FIGURE 5-9. TRANSMISSION, GEARBOX HOUSING 260
FIGURE 5-10. TRANSMISSION, INPUT SHAFTS 262
FIGURE 5-11. TRANSMISSION, OIL PUMP AND FILTER 264
FIGURE 5-12. TRANSMISSION, OUTPUT 266
FIGURE 5-13. TRANSMISSION, REVERSING GEAR GROUP 1 268
FIGURE 5-14. TRANSMISSION, REVERSING GEAR GROUP 2 270
FIGURE 5-15. TRANSMISSION, VALVE BLOCK ASSEMBLY 272
FIGURE 5-16. TRANSMISSION, VALVE HOUSING ASSEMBLY 274
FIGURE 5-17. DRIVE SHAFT INSTALLATION 278
FIGURE 5-18. DRIVE SHAFT ASSEMBLY (FRONT) 280
FIGURE 5-19. DRIVE SHAFT ASSEMBLY (INPUT) 282
FIGURE 5-20. DRIVE SHAFT ASSEMBLY (REAR) 284
FIGURE 5-21. AXLE INSTALLATION (74HP) 286
FIGURE 5-22. FRONT AXLE INSTALLATION (74HP) (8042) 288
FIGURE 5-23. FRONT AXLE - BRAKES (74HP) (8042) 290

TABLE OF CONTENTS

FIGURE 5-24. FRONT AXLE - CENTRAL HOUSING (74HP) (8042) 292
FIGURE 5-25. FRONT AXLE - DIFFERENTIAL (74HP) 294
FIGURE 5-26. FRONT AXLE - HUB REDUCTION (74HP) 296
FIGURE 5-27. FRONT AXLE - STEERING (74HP) (8042) 300
FIGURE 5-28. REAR AXLE INSTALLATION (74HP) (8042) 302
FIGURE 5-29. REAR AXLE - BRAKES (74HP) (8042) 304
FIGURE 5-30. REAR AXLE - CENTRAL HOUSING (74HP) (8042) 306
FIGURE 5-31. REAR AXLE - DIFFERENTIAL (74HP) 308
FIGURE 5-32. REAR AXLE - HUB REDUCTION (74HP) 310
FIGURE 5-33. REAR AXLE - STEERING (74HP) (8042) 314
FIGURE 5-34. AXLE INSTALLATION (110HP) 316
FIGURE 5-35. FRONT AXLE INSTALLATION (110HP) 318
FIGURE 5-36. FRONT AXLE - BRAKES (110HP) 320
FIGURE 5-37. FRONT AXLE - CENTRAL HOUSING (110HP) 322
FIGURE 5-38. FRONT AXLE - DIFFERENTIAL (110HP) 324
FIGURE 5-39. FRONT AXLE - HUB REDUCTION (110HP) 326
FIGURE 5-40. FRONT AXLE - STEERING (110HP) 330
FIGURE 5-41. REAR AXLE INSTALLATION (110HP) 332
FIGURE 5-42. REAR AXLE - BRAKES (110HP) 334
FIGURE 5-43. REAR AXLE - CENTRAL HOUSING (110HP) 336
FIGURE 5-44. REAR AXLE - DIFFERENTIAL (110HP) 338
FIGURE 5-45. REAR AXLE - HUB REDUCTION (110HP) 340
FIGURE 5-46. REAR AXLE - STEERING (110HP) 344
FIGURE 5-47. FENDER INSTALLATION 346
FIGURE 5-48. TIRE SET - 15.2-25 FOAM-FILLED 348
FIGURE 5-49. TIRE SET - 15.2-25 PNEUMATIC 350
FIGURE 5-50. TIRE SET - 18 X 625 (TURF AND SAND PNEUMATIC) 352
FIGURE 5-51. TIRE SET - 315/95-28 SOLID 354
FIGURE 5-52. TIRE SET - 370/75-28 FOAM-FILLED 356
FIGURE 5-53. TIRE SET - 370/75-28 FOAM-FILLED NON-MARKING 358
FIGURE 5-54. TIRE SET - 370/75-28 PNEUMATIC 360
FIGURE 5-55. TIRE SET - 370/75-28 PNEUMATIC NON-MARKING 362
FIGURE 5-56. TIRE SET, 13-28 SOLIDBOSS (NON-DIRECTIONAL) 364
FIGURE 5-57. TIRE SET, 13-28 SOLIDBOSS (DIRECTIONAL) 366
FIGURE 5-58. TIRE SET, 13-24 SOLID 368
FIGURE 5-59. TIRE SET, 13-24 SOLIDBOSS (DIRECTIONAL) 370
FIGURE 5-60. TIRE AND WHEEL ASSEMBLY 372

SECTION 6 - CAB 375

FIGURE 6-1. CAB INSTALLATION - OPEN CAB (ORANGE SEAT BELT) 376
FIGURE 6-2. OPEN CAB SEAT BELT ENG INSTALLATION 380
FIGURE 6-3. CAB ASSEMBLY - OPEN 384
FIGURE 6-4. OPEN CAB INSTALLATION WITH RED LED LIGHT ON DASHBOARD 386
FIGURE 6-5. CAB INSTALLATION - ENCLOSED CAB WITH HEATER (ORANGE SEAT BELT) 388
FIGURE 6-6. CLOSED CAB WITH HVAC INSTALLATION 392
FIGURE 6-7. CAB ASSEMBLY - ENCLOSED WITH HEATER & BREAK RESERVOIR 396

FIGURE 6-8. CAB ASSEMBLY - ENCLOSED WITH HEATER 398
FIGURE 6-9. CAB ENCLOSURE WITH HEATER 400
FIGURE 6-10. CAB INSTALLATION - ENCLOSED CAB WITH HEATER/AC (ORANGE SEAT BELT) 402
FIGURE 6-11. CLOSED CAB WITH HEAT INSTALLATION 406
FIGURE 6-12. CAB ASSEMBLY - ENCLOSED WITH HEATER & AC WITH BREAK RESEVOIR 410
FIGURE 6-13. CAB ASSEMBLY - ENCLOSED WITH HEATER & AC 412
FIGURE 6-14. CAB ENCLOSURE WITH HEATER & AC 414
FIGURE 6-15. CAB DOOR ASSEMBLY 416
FIGURE 6-16. CAB MOUNTING HARDWARE INSTALLATION 418
FIGURE 6-17. CAB HEATER LINES INSTALLATION - HEATER & AC 420
FIGURE 6-18. CAB HEATER LINES INSTALLATION - HEATER ONLY 422
FIGURE 6-19. CAB SEAT (ORANGE SEAT BELT) 424
FIGURE 6-20. SEAT ASSEMBLY - VINYL 426
FIGURE 6-21. HEATER ASSEMBLY - FLOOR 428
FIGURE 6-22. HEATER BOX ASSEMBLY - HEATER & AC 430
FIGURE 6-23. HEATER BOX ASSEMBLY - HEATER ONLY 434
FIGURE 6-24. HEATER VALVE ASSEMBLY 436
FIGURE 6-25. REAR WINDOW INSTALLATION (ANSI ENGLISH) 438
FIGURE 6-26. REAR WINDOW INSTALLATION (ENGLISH/SPANISH) 440
FIGURE 6-27. REAR WINDOW INSTALLATION (ENGLISH/SPANISH) 442
FIGURE 6-28. REAR WINDOW INSTALLATION (ISO) 444
FIGURE 6-29. SEAT BELT INSTALLATION (CALIFORNIA) 446
FIGURE 6-30. SLIDER WINDOW ASSEMBLY (RH) 448
FIGURE 6-31. SKYTRAK FIRE EXTINGUISHER INSTALLATION 450
FIGURE 6-32. WIPER INSTALLATION (FRONT) 452
FIGURE 6-33. WIPER INSTALLATION (SKYLIGHT) 454

SECTION 7 - CONTROLS 457

FIGURE 7-1. BRAKE ASSEMBLY 458
FIGURE 7-2. SECONDARY CONTROLS INSTALLATION 460

SECTION 8 - HYDRAULIC CIRCUITS 463

FIGURE 8-1. AUXILIARY CONTROLS HYDRAULICS INSTALLATION 464
FIGURE 8-2. AXLE HYDRAULICS INSTALLATION 466
FIGURE 8-3. AXLE HYDRAULICS INSTALLATION - FRONT 468
FIGURE 8-4. AXLE HYDRAULICS INSTALLATION - REAR 470
FIGURE 8-5. AXLE PIN LUBE HYDRAULICS INSTALLATION 472
FIGURE 8-6. BULKHEAD (REAR) INSTALLATION 474
FIGURE 8-7. CAB HYDRAULICS INSTALLATION 476
FIGURE 8-8. CAB TO BRAKE HYDRAULICS INSTALLATION 478
FIGURE 8-9. CAB PILOT CONTROLS HYDRAULICS INSTALLATION 480
FIGURE 8-10. CAB PILOT JOYSTICK & FITTING ASSEMBLY 482
FIGURE 8-11. CAB TO STEERING HYDRAULICS INSTALLATION 484
FIGURE 8-12. CAB STEERING VALVE & FITTING ASSEMBLY 486
FIGURE 8-13. COOLER HYDRAULICS INSTALLATION 488
FIGURE 8-14. COOLER (TRANSMISSION) HYDRAULICS INSTALLATION 490

TABLE OF CONTENTS

FIGURE 8-15. CYLINDER HYDRAULICS INSTALLATION - BOOM EXTEND 492
FIGURE 8-16. CYLINDER HYDRAULICS INSTALLATION - FRAME 494
FIGURE 8-17. FORK TILT HYDRAULICS INSTALLATION....496
FIGURE 8-18. FRAME HYDRAULICS INSTALLATION....498
FIGURE 8-19. MAIN CONTROL VALVE INSTALLATION 500
FIGURE 8-20. PUMP HYDRAULICS INSTALLATION....502
FIGURE 8-21. SECONDARY VALVE AND FITTING ASSEMBLY....504

SECTION 9 - HYDRAULIC COMPONENTS 507

FIGURE 9-1. CYLINDER ASSEMBLY - CARRIAGE SIDE SHIFT....508
FIGURE 9-2. CYLINDER ASSEMBLY - CARRIAGE SIDE TILT....510
FIGURE 9-3. CYLINDER ASSEMBLY - CARRIAGE SWING 512
FIGURE 9-4. CYLINDER ASSEMBLY - COMPENSATION....514
FIGURE 9-5. CYLINDER ASSEMBLY - EXTEND/RETRACT....516
FIGURE 9-6. CYLINDER ASSEMBLY - FORK POSITIONING....518
FIGURE 9-7. CYLINDER ASSEMBLY - FORK TILT....520
FIGURE 9-8. CYLINDER ASSEMBLY - FRAME LEVEL 522
FIGURE 9-9. CYLINDER ASSEMBLY - GRAPPLE BUCKET....524
FIGURE 9-10. CYLINDER ASSEMBLY - LIFT....526
FIGURE 9-11. CYLINDER ASSEMBLY - STABLI-TRAK....528
FIGURE 9-12. FLOW DIVIDER VALVE 530
FIGURE 9-13. JOYSTICK ASSEMBLY....532
FIGURE 9-14. VALVE ASSEMBLY - AIR SHUT OFF....534
FIGURE 9-15. VALVE SUB-ASSEMBLY - BRAKE....536
FIGURE 9-16. VALVE ASSEMBLY - BRAKE 538
FIGURE 9-17. VALVE ASSEMBLY - CARRIAGE FORK POSITIONING....540
FIGURE 9-18. VALVE ASSEMBLY - MAIN CONTROL 542
FIGURE 9-19. VALVE ASSEMBLY - SECONDARY 544

SECTION 10 - ELECTRICAL....547

FIGURE 10-1. ELECTRICAL INSTALLATION (74HP) (ULS) 548
FIGURE 10-2. ELECTRICAL INSTALLATION (110HP) (LS) 552
FIGURE 10-3. ELECTRICAL INSTALLATION (110HP) (ULS) 556
FIGURE 10-4. AIR SHUT-OFF VALVE HARNESS - CAB 560
FIGURE 10-5. AIR SHUT-OFF VALVE HARNESS - ENGINE....562
FIGURE 10-6. BACKUP ALARM INSTALLATION 564
FIGURE 10-7. BACKUP ALARM INSTALLATION (WHITE NOISE) 566
FIGURE 10-8. BACKUP CAMERA HARNESS 568
FIGURE 10-9. BATTERY BLANKET INSTALLATION 570
FIGURE 10-10. BATTERY INSTALLATION....572
FIGURE 10-11. BREATHER HEATER INSTALLATION 574
FIGURE 10-12. CAB POWER DISTRIBUTION HARNESS 576
FIGURE 10-13. CAB POWER DISTRIBUTION HARNESS 582
FIGURE 10-14. GAUGE CLUSTER JUMPER HARNESS....586
FIGURE 10-15. CLEARSKY HARNESS - 3-WIRE 588
FIGURE 10-16. CLEARSKY HARNESS - CANBUS 590

FIGURE 10-17. CLEARSKY HARNESS ... 592
FIGURE 10-18. CLEARSKY INSTALLATION - CANBUS ... 594
FIGURE 10-19. CLEARSKY INSTALLATION - CANBUS (CE) ... 596
FIGURE 10-20. CLEARSKY TELEMATICS 3-WIRE INSTALLATION ... 598
FIGURE 10-21. CLEARSKY TELEMATICS 3-WIRE HARNESS ... 600
FIGURE 10-22. CLEARSKY V3 INSTALLATION (CLOSED CAB) ... 602
FIGURE 10-23. CLEARSKY V3 INSTALLATION (OPEN CAB) ... 604
FIGURE 10-24. COLD WEATHER PACKAGE (LS) ... 606
FIGURE 10-25. COLD WEATHER PACKAGE (ULS) ... 608
FIGURE 10-26. ENGINE HARNESS (74HP) ... 610
FIGURE 10-27. ENGINE HARNESS (110HP LS) ... 616
FIGURE 10-28. ENGINE HARNESS (110HP ULS) ... 620
FIGURE 10-29. HVAC HARNESS ... 628
FIGURE 10-30. BEACON OPTION HARNESS ... 630
FIGURE 10-31. LIGHTS - BEACON LIGHT INSTALLATION (OPEN CAB) ... 632
FIGURE 10-32. LIGHTS - BEACON LIGHT INSTALLATION (ENCLOSED CAB) ... 634
FIGURE 10-33. LIGHTS - BOOM WORK LIGHT HARNESS ... 636
FIGURE 10-34. LIGHTS - LED WORK LIGHT PACKAGE INSTALLATION ... 638
FIGURE 10-35. LED ROAD LIGHT INSTALLATION ... 640
FIGURE 10-36. LIGHTS - ROAD LIGHT ASSEMBLY (LH) ... 642
FIGURE 10-37. LIGHTS - ROAD LIGHT ASSEMBLY (RH) ... 644
FIGURE 10-38. LIGHTS - ROAD LIGHT BRACKET ASSEMBLY (LH) ... 646
FIGURE 10-39. LIGHTS - ROAD LIGHT BRACKET ASSEMBLY (RH) ... 648
FIGURE 10-40. LIGHTS - ROADLIGHT PACKAGE INSTALLATION ... 650
FIGURE 10-41. LIGHTS - ROAD LIGHT WORK LIGHT HARNESS ... 652
FIGURE 10-42. LIGHTS - WORK LIGHT ASSEMBLY - LED (LH) ... 654
FIGURE 10-43. LIGHTS - WORK LIGHT ASSEMBLY - LED (RH) ... 656
FIGURE 10-44. LIGHTS - WORK LIGHT OPTIONS HARNESS ... 658
FIGURE 10-45. RELAY PANEL COVER INSTALLATION ... 660
FIGURE 10-46. RELAY PANEL INSTALLATION ... 662
FIGURE 10-47. REVERSE CAMERA ... 664
FIGURE 10-48. MULTI VIEW CAMERA INSTALLATION ... 666
FIGURE 10-49. REVERSE SENSOR SYSTEM INSTALLATION ... 668
FIGURE 10-50. REVERSE SENSING HARNESS ... 670
FIGURE 10-51. REVERSE SENSING SYSTEM INSTALLATION ... 672
FIGURE 10-52. ROAD LIGHT OPTION HARNESS ... 674
FIGURE 10-53. TANK BLANKET INSTALLATION ... 676
FIGURE 10-54. TBAP HARNESS ... 678
FIGURE 10-55. TELEMATICS GATEWAY PLUS ... 680
FIGURE 10-56. TELEMATICS GATEWAY HARNESS ... 682
FIGURE 10-57. WIPER HARNESS ... 684
FIGURE 10-58. SEAT BELT ALARM HARNESS ... 686

SECTION 11 - DECALS ... 689

FIGURE 11-1. DECALS INSTALLATION - 74HP (ANSI SPECS) ... 690
FIGURE 11-2. DECALS INSTALLATION - 74HP (ENGLISH/FRENCH SPECS) ... 694

TABLE OF CONTENTS

FIGURE 11-3. DECALS INSTALLATION - 74HP (ENGLISH/SPANISH SPECS) 698
FIGURE 11-4. DECALS INSTALLATION - 110HP LS (ISO DECALS) 702
FIGURE 11-5. DECALS INSTALLATION - 110HP ULS (ANSI SPECS) 706
FIGURE 11-6. DECALS INSTALLATION - 110HP ULS (ENGLISH/FRENCH SPECS) 710
FIGURE 11-7. DECALS INSTALLATION - 110HP ULS (ENGLISH/SPANISH SPECS) 714
FIGURE 11-8. DECAL INSTALLATION HRC 110HP 718
FIGURE 11-9. DECAL INSTALLATION HRC 74HP 722
FIGURE 11-10. BOOM DECALS INSTALLATION 726
FIGURE 11-11. CLEARSKY DECALS INSTALLATION 728
FIGURE 11-12. LOAD CHART BOOKLET (ANSI) 730
FIGURE 11-13. LOAD CHART BOOKLET (ISO) 732
FIGURE 11-14. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH) 734
FIGURE 11-15. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH/FRENCH) 736
FIGURE 11-16. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH/SPANISH) 738
FIGURE 11-17. REVERSE SENSING SYSTEM DECAL INSTALLATION (ISO) 740

SECTION 12 - RECOMMENDED SERVICE PARTS STOCK 743

FIGURE 12-1. RECOMMENDED SERVICE PARTS STOCK 744

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS 747

FIGURE 13-1. SPECIAL OPTIONS/ACCESSORIES/KITS 748

PART NUMBER INDEX 751

SECTION 1 - FRAME AND ATTACHING PARTS

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-1. FRAME COMPONENTS INSTALLATION (74HP ULS)

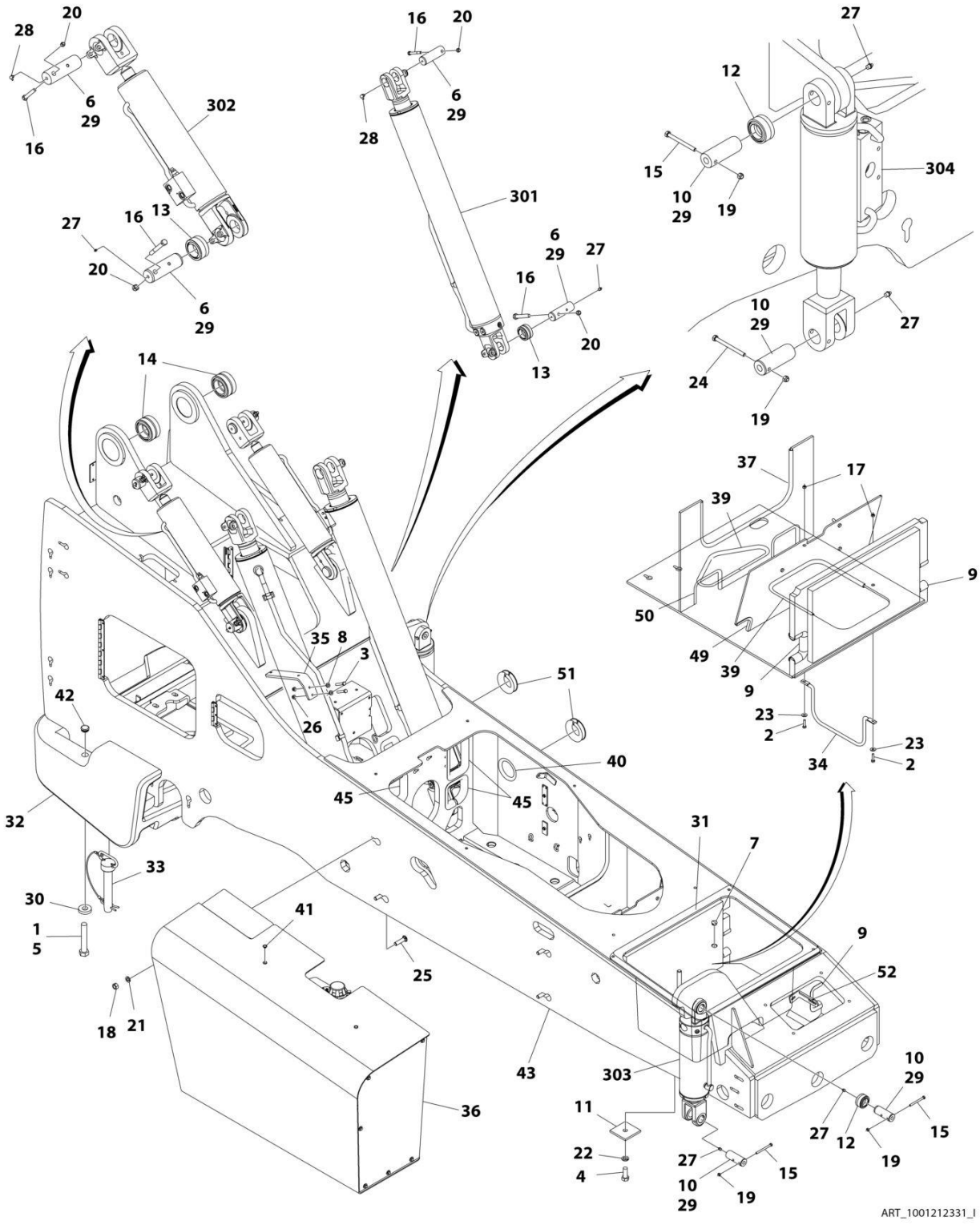


FIGURE 1-1. FRAME COMPONENTS INSTALLATION (74HP ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212331	Ref	FRAME COMPONENTS INSTALLATION (74HP ULS) (8042)	J
1	0100019	AR	Compound, Locking	
2	0641510	2	Bolt 5/16 x 1	
3	0641618	2	Bolt 3/8 x 2-1/4	
4	0642216	2	Bolt 3/4 x 2	
5	0682648	4	Bolt 1 x 6	
6	3423227	8	Pin, Cylinder	
7	3520030	1	Plug, Hole	
8	4891600	2	Washer 3/8	
9	7124451	4	Conduit 1 x 8	
10	7137142	4	Pin, Cylinder	
11	7139066	NLA	Plate, Counterweight Holddown	
12	8050001	2	Bearing, Self-Align	
13	8065640	4	Bearing, Self-Align	
14	8065641	2	Bearing, Self-Align	
15	8303752	3	Bolt 5/16 x 3-1/2	
16	8303782	8	Bolt 1/2 x 4	
17	8305006	2	Nut 5/16	
18	8305014	4	Nut 5/8	
19	8305626	4	Nut 5/16	
20	8305644	8	Nut 1/2	
21	8307009	4	Washer 5/8	
22	8307010	2	Washer 3/4	
23	8307203	2	Washer 5/16	
24	8310039	1	Bolt 5/16 x 3-3/4	
25	88411148	4	Nut	
26	8310522	2	Nut 3/8	
27	8520001	8	Fitting, Straight	
28	8520003	4	Fitting, 90	
29	8522012	AR	Lube, Anti-Seize	
30	80241137	4	Washer	
31	1001094787	NLA	Counterweight, Front	
32	1001208664	NLA	Counterweight, Rear	
33	1001160250	1	Pin, Hitch	
34	1001165057	1	Bracket, Cab Hose	
35	1001166238	1	Bracket, Air Filter	
36	1001227211	1	Fuel/Hydraulic Tank Assembly (See Separate Breakdown in this Section)	
37	1001172658	1	Conduit, 1/2X41	
39	1001177190	2	Conduit, 1/2X28	
40	1001177192	1	Conduit, 1/2X12-1/2	
41	1001195826	2	Plug	
42	1001195952	2	Plug, Tube	
43	1001201554	NLA	Weldment, Frame	
45	1001174227	7	Conduit, 1X21-1/2	
49	4060805	6 in	Flex-Trim	
50	7124301	2	Conduit, 1/2X15-1/2	
51	7124471	3	Conduit, 1X12-1/2	
52	4060804	4 in	Flex-Trim	
300	1001201691	Ref	Cylinder Kit (Not Shown)	D

SECTION 1 - FRAME AND ATTACHING PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
301	1001267968	2	Cylinder, Lift (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
302	1001189596	2	Cylinder, Compensation (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
303	1001180762	1	Cylinder, Frame Level (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
304	2717198	1	Cylinder, Stabil-Trak (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-2. FRAME COMPONENTS INSTALLATION (110HP LS)

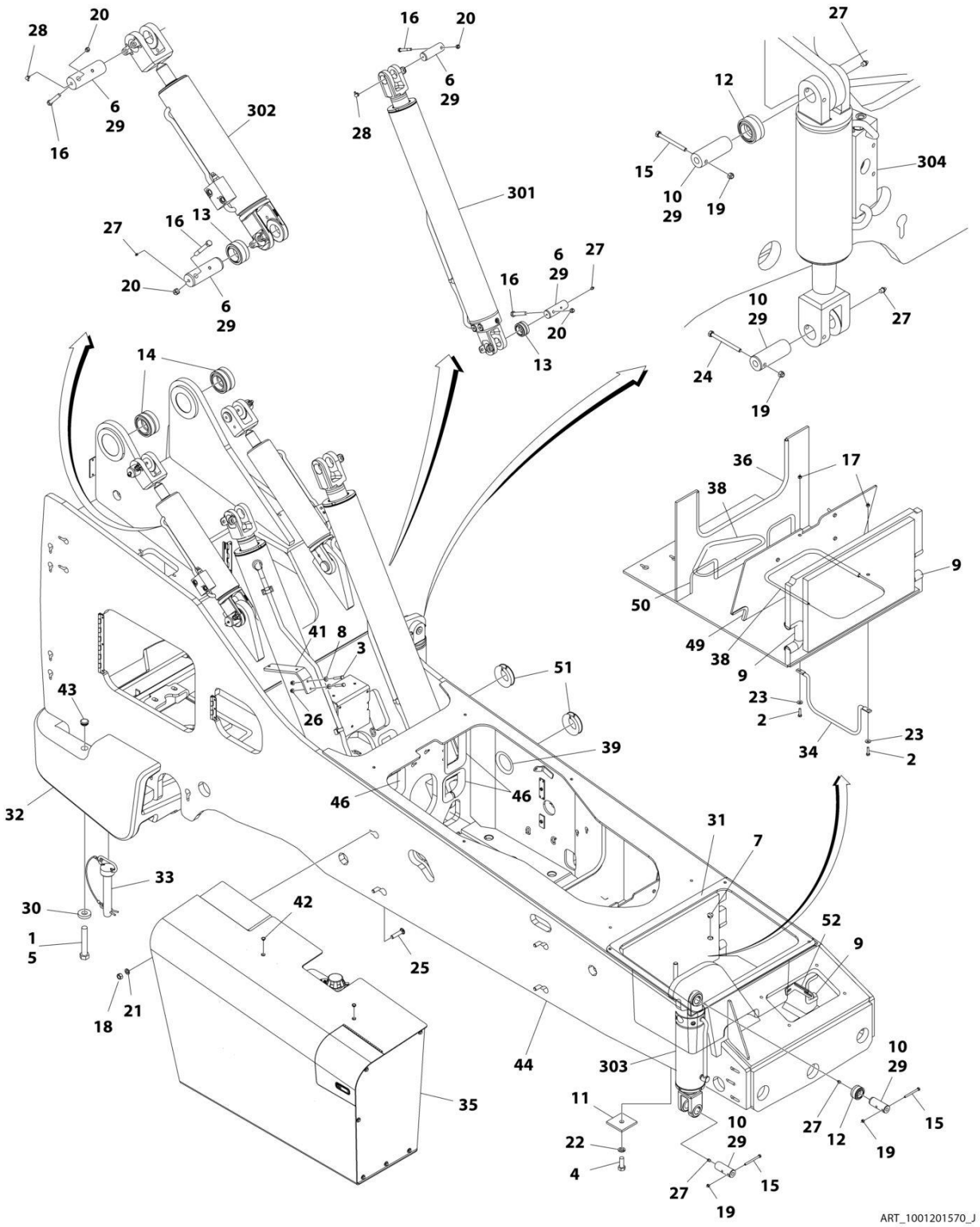


FIGURE 1-2. FRAME COMPONENTS INSTALLATION (110HP LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201570	Ref	FRAME COMPONENTS INSTALLATION (110HP LS) (8042,8042)	J
1	0100019	AR	Compound, Locking	
2	0641510	2	Bolt, 5/16 X 1	
3	0641618	2	Bolt, 3/8 X 2-1/4	
4	0642216	2	Bolt, 3/4 X 2	
5	0682648	4	Bolt, 1 X 6	
6	3423227	8	Pin, Cylinder	
7	3520030	1	Plug, Hole	
8	4891600	2	Washer, 3/8	
9	7124451	4	Conduit, 1X8	
10	7137142	4	Pin, Cylinder	
11	7139066	NLA	Plate, Counterweight Holddown	
12	8050001	2	Bearing, Self-Align	
13	8065640	4	Bearing, Self-Align	
14	8065641	2	Bearing, Self-Align	
15	8303752	3	Bolt, 5/16 X 3-1/2	
16	8303782	8	Bolt, 1/2 X 4	
17	8305006	2	Nut 5/16	
18	8305014	4	Nut 5/8	
19	8305626	4	Nut 5/16	
20	8305644	8	Nut 1/2	
21	8307009	4	Washer 5/8	
22	8307010	2	Washer 3/4	
23	8307203	2	Washer 5/16	
24	8310039	1	Bolt, 5/16 X 3-3/4	
25	88411148	4	Bolt 5/8 X 2-3/4	
26	8310522	2	Nut 3/8	
27	8520001	8	Fitting, Straight	
28	8520003	4	Fitting, 90	
29	8522012	AR	Lube, Anti-Seize	
30	80241137	4	Washer	
31	1001094787	1	Counterweight, Front	
32	1001208664	NLA	Counterweight, Rear	
33	1001160250	NLA	Pin, Hitch	
34	1001165057	1	Bracket, Cab Hose	
35	1001169466	1	Weldment, Fuel/Hydraulic/DEF Tank (See Separate Breakdown in this Section)	
36	1001172658	1	Conduit, 1/2X41	
38	1001177190	2	Conduit, 1/2X28	
39	1001177192	1	Conduit, 1/2X12-1/2	
41	1001190007	1	Bracket, Air Filter	
42	1001195826	2	Plug	
43	1001195952	2	Plug, Tube	
44	1001201554	NLA	Weldment, Frame	
46	1001174227	7	Conduit, 1X21-1/2	
49	4060805	6 in	Flex-Trim	
50	7124301	2	Conduit, 1/2X15-1/2	
51	7124471	3	Conduit, 1X12-1/2	
52	4060804	4 in	Flex-Trim	
300	1001201691	Ref	Cylinder Kit (Not Shown)	D

SECTION 1 - FRAME AND ATTACHING PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
301	1001267968	2	Cylinder, Lift (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
302	1001189596	2	Cylinder, Compensation (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
303	1001180762	1	Cylinder, Frame Level (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
304	2717198	1	Cylinder, Stabil-Trak (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-3. FRAME COMPONENTS INSTALLATION (110HP ULS)

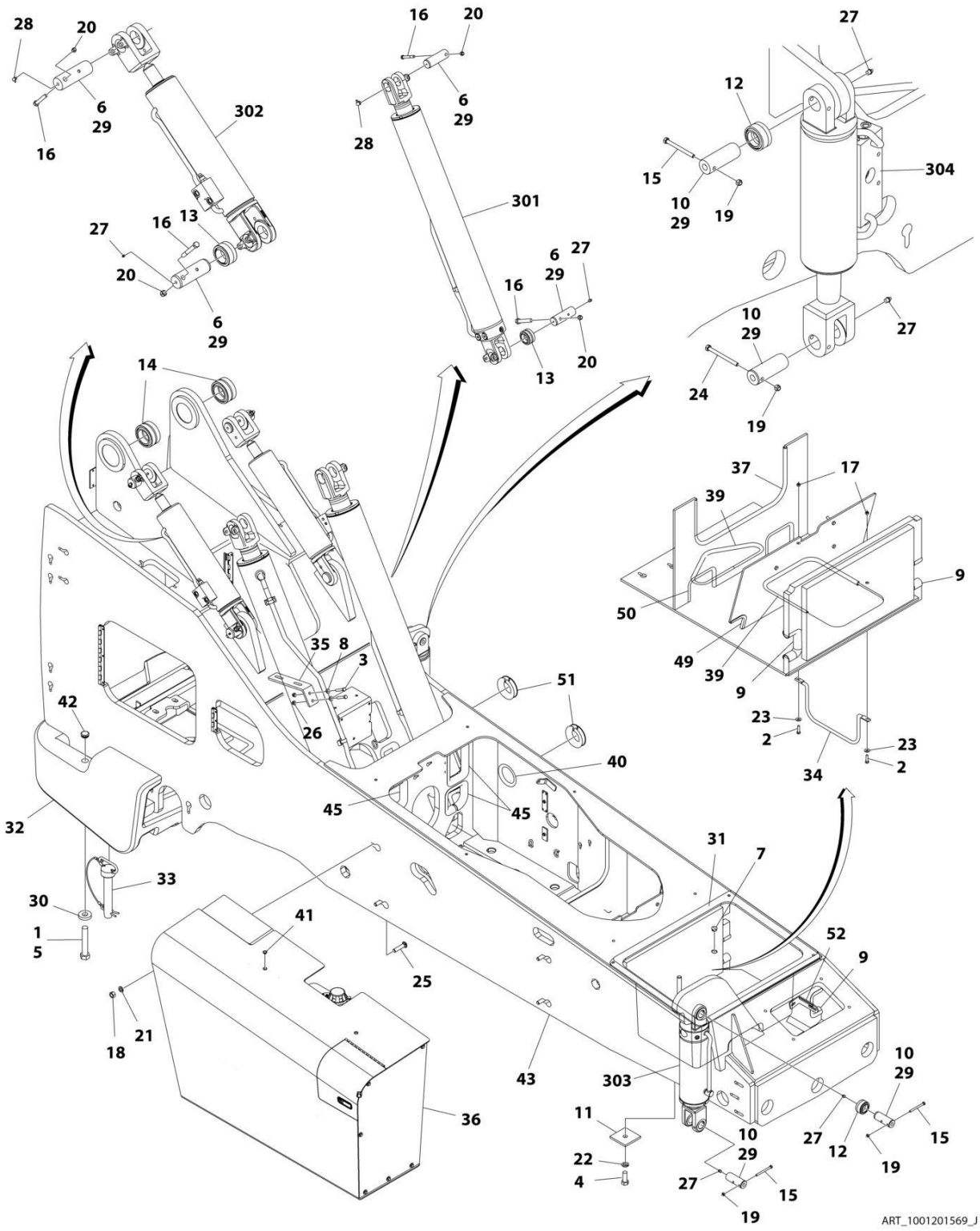


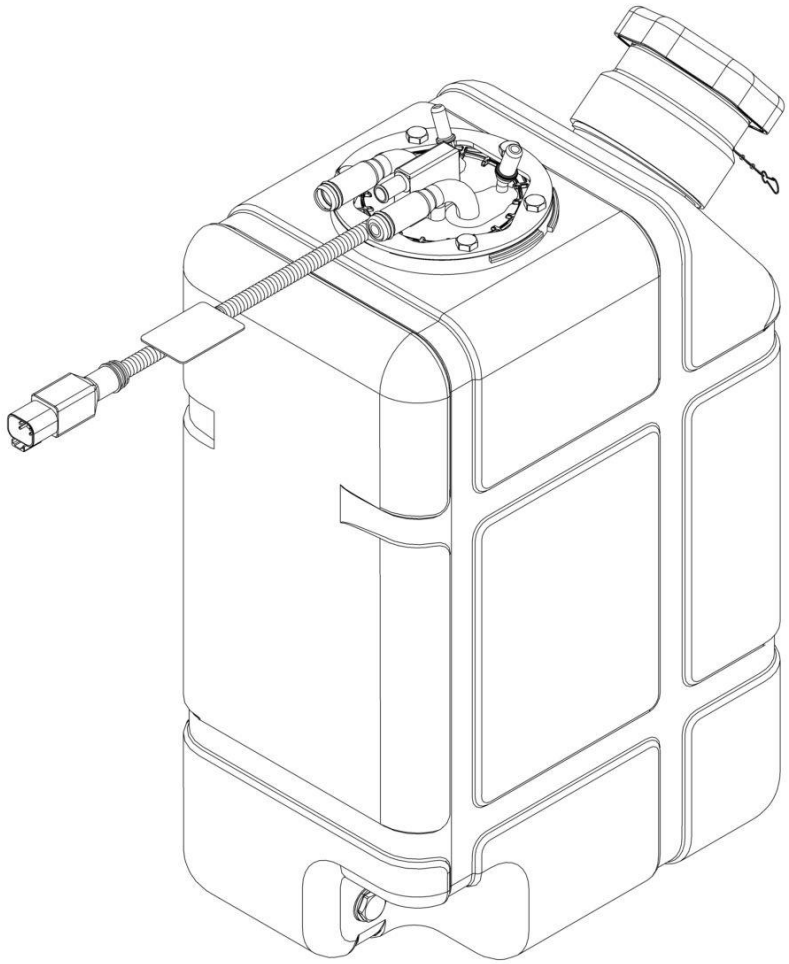
FIGURE 1-3. FRAME COMPONENTS INSTALLATION (110HP ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201569	Ref	FRAME COMPONENTS INSTALLATION (110HP ULS) (8042)	J
1	0100019	AR	Compound, Locking	
2	0641510	2	Bolt, 5/16 X 1	
3	0641618	2	Bolt, 3/8 X 2-1/4	
4	0642216	2	Bolt, 3/4 X 2	
5	0682648	4	Bolt, 1-8X6	
6	3423227	8	Pin, Cylinder	
7	3520030	1	Plug, Hole	
8	4891600	2	Washer, 3/8	
9	7124451	4	Conduit, 1X8	
10	7137142	4	Pin, Cylinder	
11	7139066	NLA	Plate, Counterweight Holddown	
12	8050001	2	Bearing, Self-Align	
13	8065640	4	Bearing, Self-Align	
14	8065641	2	Bearing, Self-Align	
15	8303752	3	Bolt, 5/16 X 3-1/2	
16	8303782	8	Bolt, 1/2 X 4	
17	8305006	2	Nut 5/16	
18	8305014	4	Nut 5/8	
19	8305626	4	Nut 5/16	
20	8305644	8	Nut 1/2	
21	8307009	4	Washer 5/8	
22	8307010	2	Washer 3/4	
23	8307203	2	Washer 5/16	
24	8310039	1	Bolt, 5/16 X 3-3/4	
25	88411148	4	Bolt 5/8 X 2-3/4	
26	8310522	2	Nut 3/8	
27	8520001	8	Fitting, Straight	
28	8520003	4	Fitting, 90	
29	8522012	AR	Lube, Anti-Seize	
30	80241137	4	Washer	
31	1001094787	NLA	Counterweight, Front	
32	1001208664	NLA	Counterweight, Rear	
33	1001160250	1	Pin, Hitch	
34	1001165057	1	Bracket, Cab Hose	
35	1001166238	1	Bracket, Air Filter	
36	1001169329	1	Installation, Hydraulic/Fuel/DEF Tank (See Separate Breakdown in this Section)	
37	1001172658	1	Conduit, 1/2X41	
39	1001177190	2	Conduit, 1/2X28	
40	1001177192	1	Conduit, 1/2X12-1/2	
41	1001195826	2	Plug	
42	1001195952	2	Plug, Tube	
43	1001201554	NLA	Weldment, Frame	
45	1001174227	7	Conduit, 1X21-1/2	
49	4060805	6 in	Flex-Trim	
50	7124301	2	Conduit, 1/2X15-1/2	
51	7124471	3	Conduit, 1X12-1/2	
52	4060804	4 in	Flex-Trim	
300	1001201691	Ref	Cylinder Kit (Not Shown)	D

SECTION 1 - FRAME AND ATTACHING PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
301	1001256320	2	Cylinder, Lift (Note: No Service Parts Available, Please Purchase Complete Cylinder) **(Prior to SN 0160110284)**	
301	1001267968	2	Cylinder, Lift (See Separate Breakdown in HYDRAULIC COMPONENTS Section) **(SN 0160110284 to Present)**	
302	1001189596	2	Cylinder, Compensation (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
303	1001180762	1	Cylinder, Frame Level (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
304	2717198	1	Cylinder, Stabil-Trak (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

FIGURE 1-4. DEF TANK ASSEMBLY (110HP ULS)



ART_1001228986-A

FIGURE 1-4. DEF TANK ASSEMBLY (110HP ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228986	1	DEF Tank Assembly, (Contact Cummins at 1-800-CUMMINS for all service if the DEF tank assembly is still within warranty. Warranty may be voided if service is conducted by anyone other than Cummins service personnel)	A

FIGURE 1-5. DUST SHIELD INSTALLATION

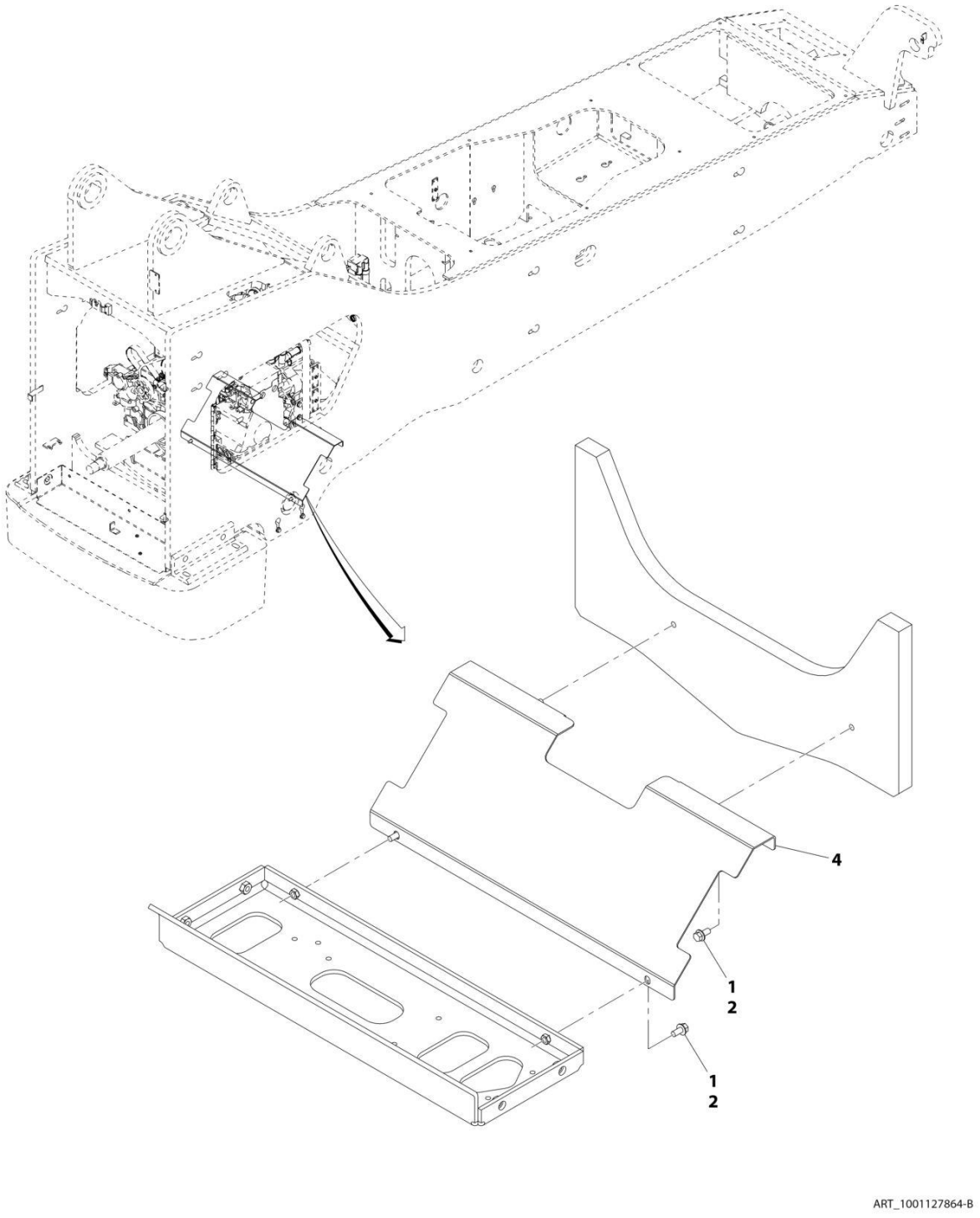


FIGURE 1-5. DUST SHIELD INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001127864	Ref	Dust Shield Installation	B
1	0100011	AR	Compound, Locking	
2	0791606	4	Bolt, 3/8-16X3/4	
4	1001127867	1	Panel, Dust Baffle Front	

FIGURE 1-6. FRAME COVERS INSTALLATION (74HP ULS)

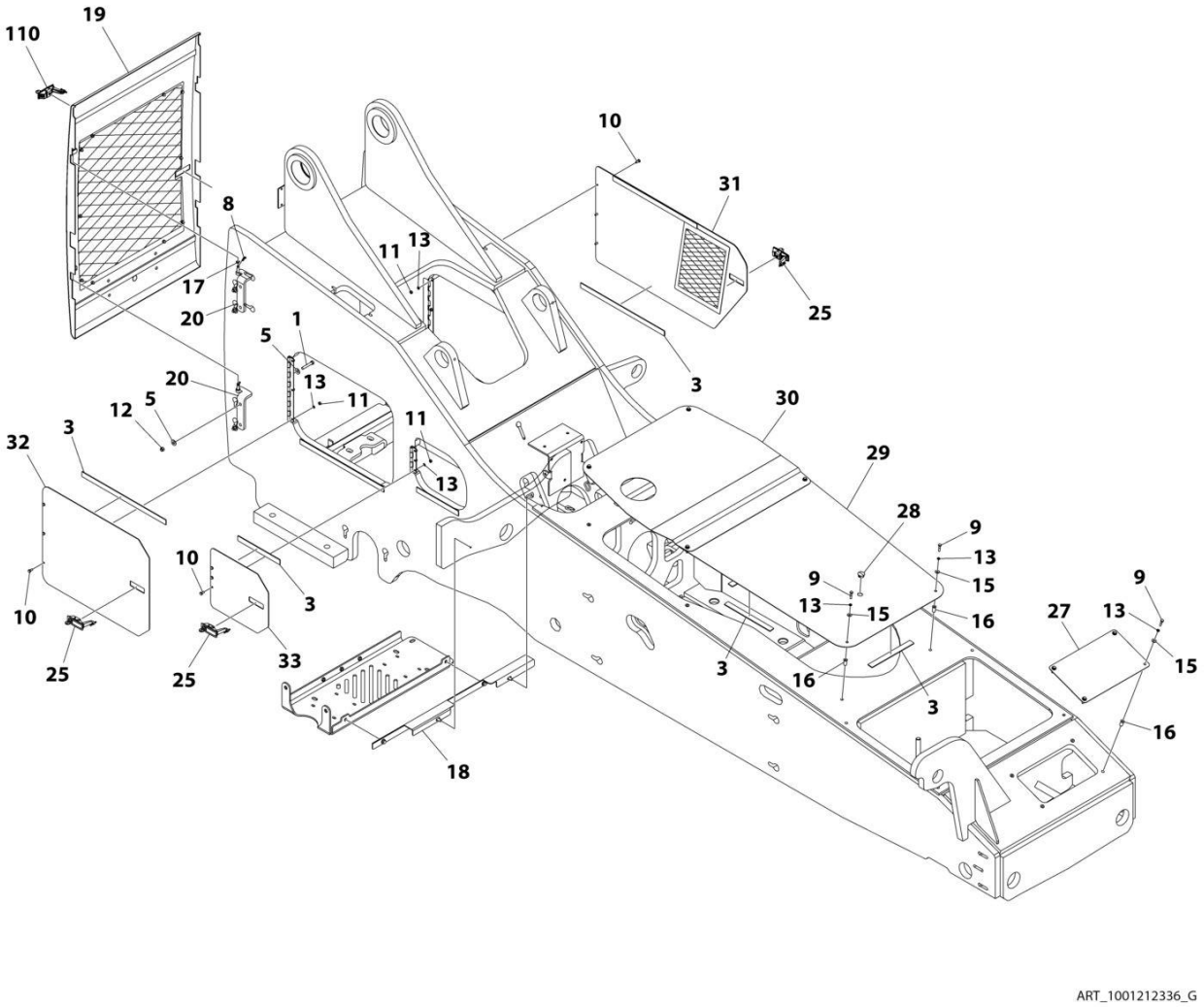


FIGURE 1-6. FRAME COVERS INSTALLATION (74HP ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212336	Ref	Frame Covers Installation	G
1	0641618	4	Bolt, 3/8 X 2-1/4	
3	4420037	150 in	Tape, Insulation	
5	8307204	8	Washer, 3/8	
8	8302470	2	Pin, Hair	
9	8303615	10	Bolt, 1/4 X 1-1/4	
10	8303729	9	Bolt, 1/4 X 5/8	
11	8305004	9	Nut 1/4	
12	8305645	4	Nut 5/16	
13	8307002	19	Washer 1/4	
15	8307202	10	Washer 1/4	
16	8580420	10	Nut, Well	
17	10732150	2	Washer M10	
18	1001127864	1	Installation, Dust Shield (See Separate Breakdown in this Section)	
19	1001156283	1	Door, Rear (Includes Item 110)	O
20	1001139319	2	Mount, Rear Door	
25	1001190341	3	Latch, Adjustable Trigger	
27	1001192390	1	Cover, Front	
28	3520030	1	Plug	
29	1001242035	1	Cover, Lower Transmission	
30	7139407	1	Cover, Upper Transmission	
31	1001169006	1	Panel, Left Side Access	
32	1001171384	1	Panel, Engine Access Right Side	
33	1001171385	1	Panel, Air Cleaner Access	
110	1001190341	1	Latch, Adjustable Trigger	

FIGURE 1-7. FRAME COVERS INSTALLATION (74HP ULS WITH AIR SHUT OFF VALVE)

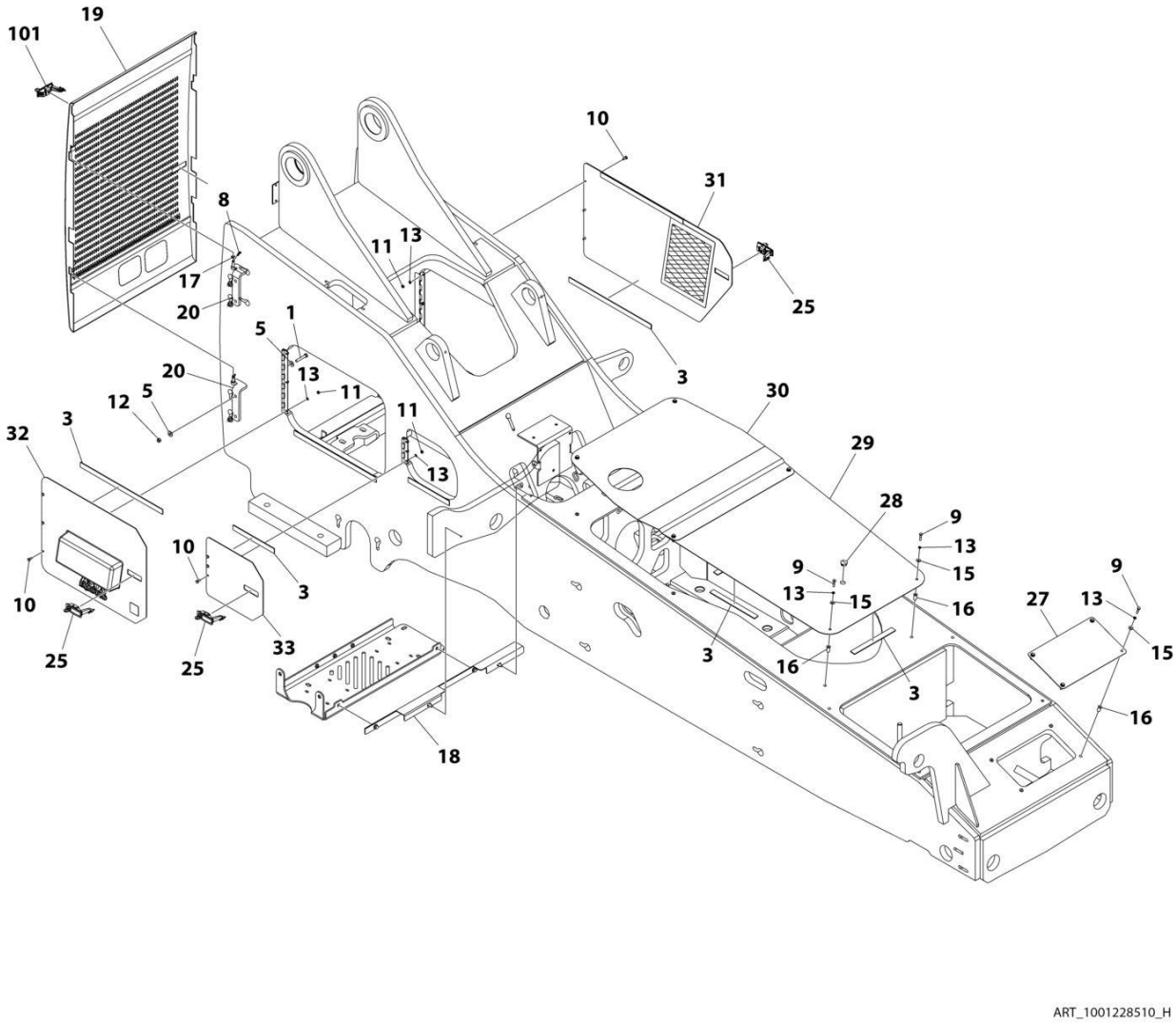


FIGURE 1-7. FRAME COVERS INSTALLATION (74HP ULS WITH AIR SHUT OFF VALVE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228510	Ref	FRAME COVERS INSTALLATION	H
1	0641618	4	Bolt 3/8 x 2-1/4	
3	4420037	150 in	Tape, Insulation	
5	8307204	8	Washer 3/8	
8	8302470	2	Pin, Hair	
9	8303615	10	Bolt 1/4 x 1-1/4	
10	8303729	9	Bolt 1/4 x 5/8	
11	8305004	9	Nut 1/4	
12	8305645	4	Nut 5/16	
13	8307002	19	Washer 1/4	
15	8307202	10	Washer 1/4	
16	8580420	10	Nut, Well	
17	10732150	2	Washer M10	
18	1001127864	1	Installation, Dust Shield (See Separate Breakdown in this Section)	
19	1001284877	1	Door, Rear (Includes Item 101)	B
20	1001159319	2	Mount, Rear Door	
25	1001190341	3	Latch, Adjustable Trigger	
27	1001192390	1	Cover, Front	
28	3520030	1	Plug	
29	1001242035	1	Cover, Lower Transmission	
30	7139407	1	Cover, Upper Transmission	
31	1001169006	1	Panel, Left Side Access	
32	1001216291	1	Panel, Right Side Engine Access	
33	1001171385	1	Panel, Air Cleaner Access	
101	1001190341	1	Latch, Adjustable Trigger	

FIGURE 1-8. FRAME COVERS INSTALLATION (110HP LS)

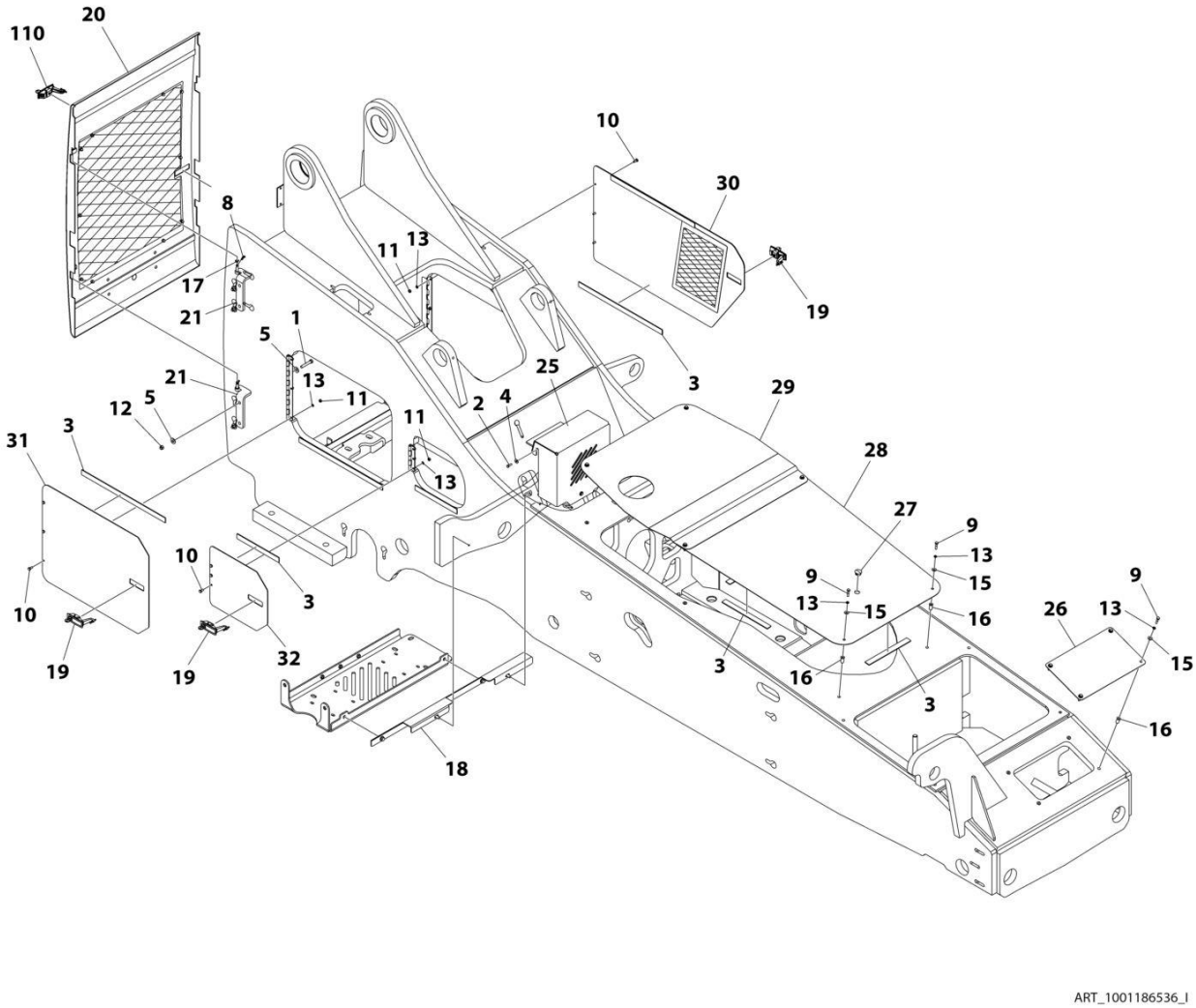


FIGURE 1-8. FRAME COVERS INSTALLATION (110HP LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186536	Ref	FRAME COVERS INSTALLATION	I
1	0641618	4	Bolt 3/8 x 2-1/4	
2	0760610	3	Bolt M6 x 20	
3	4420037	150 in	Tape, Insulation	
4	4811702	3	Washer M6	
5	8307204	8	Washer 5/16	
8	8302470	2	Pin, Hair	
9	8303615	10	Bolt 1/4 x 1-1/4	
10	8303729	9	Bolt 1/4 x 5/8	
11	8305004	9	Nut 1/4	
12	8305645	4	Nut 5/16	
13	8307002	19	Washer 1/4	
15	8307202	10	Washer 1/4	
16	8580420	10	Nut, Well	
17	10732150	2	Washer M10	
18	1001127864	1	Installation, Dust Shield (See Separate Breakdown in this Section)	
19	1001190341	3	Latch, Adjustable Trigger	
20	1001156283	1	Door, Rear (Includes Item 110)	O
21	1001159319	2	Mount, Rear Door	
25	1001211690	1	Bracket, ECM Cover	
26	1001192390	1	Cover, Front	
27	3520030	1	Plug	
28	1001242035	1	Cover, Lower Transmission	
29	7139407	1	Cover, Upper Transmission	
30	1001169006	1	Panel, Left Side Access	
31	1001171384	1	Panel, Engine Access Right Side	
32	1001171385	1	Panel, Air Cleaner Access	
110	1001190341	1	Latch, Adjustable Trigger	

FIGURE 1-9. FRAME COVERS INSTALLATION (110HP ULS)

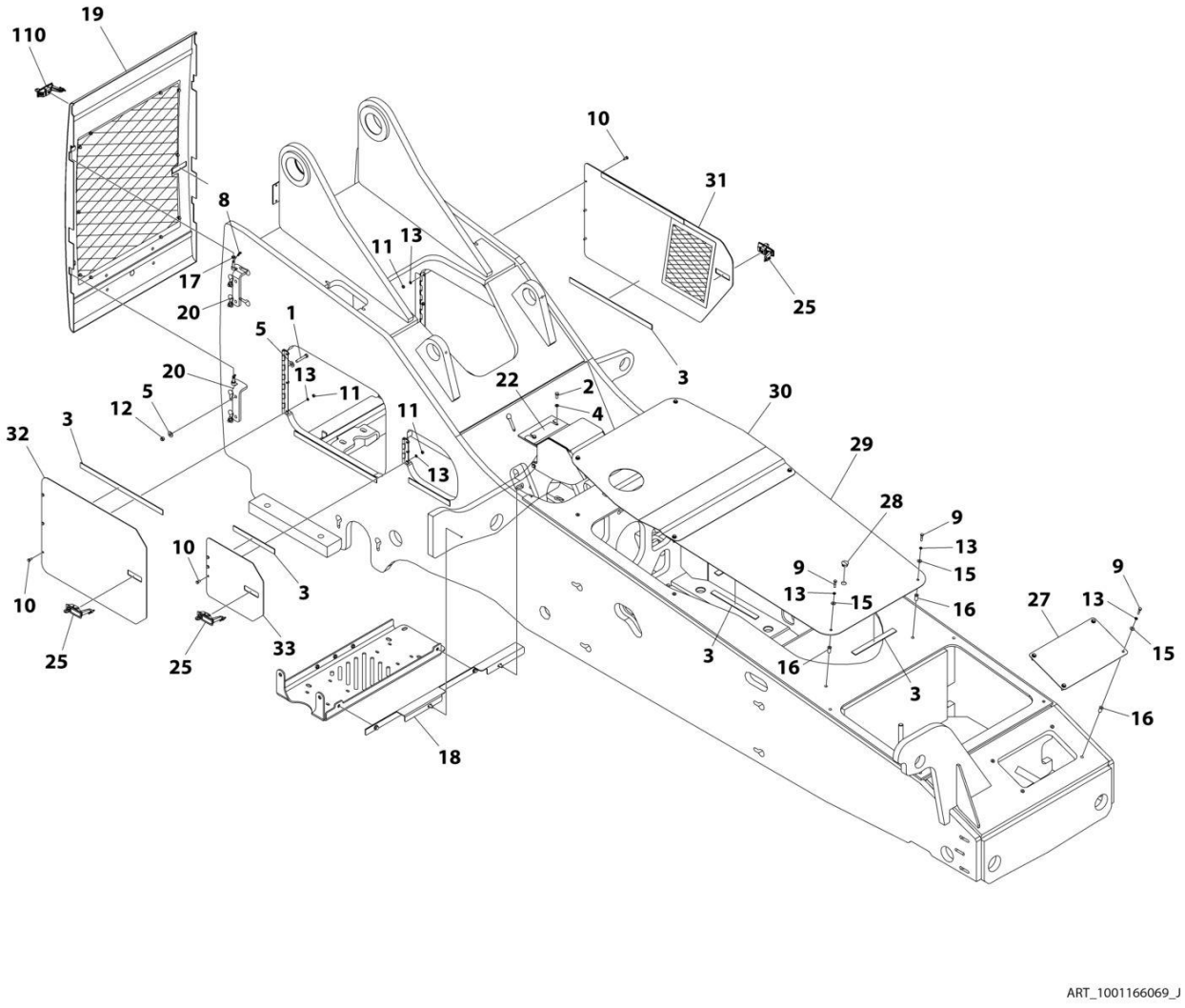


FIGURE 1-9. FRAME COVERS INSTALLATION (110HP ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166069	Ref	FRAME COVERS INSTALLATION	J
1	0641618	4	Bolt 3/8 x 2-1/4	
2	0760810	4	Bolt M8 x 20	
3	4420037	150 in	Tape, Insulation	
4	4811900	4	Washer M8	
5	8307204	8	Washer 3/8	
8	8302470	2	Pin, Hair	
9	8303615	10	Bolt 1/4 x 1-1/4	
10	8303729	9	Bolt 1/4 x 5/8	
11	8305004	9	Nut 1/4	
12	8305645	4	Nut 3/8	
13	8307002	19	Washer 1/4	
15	8307202	10	Washer 1/4	
16	8580420	10	Nut, Well	
17	10732150	2	Washer M10	
18	1001127864	1	Installation, Dust Shield (See Separate Breakdown in this Section)	
19	1001156283	1	Door, Rear (Includes Item 110)	O
20	1001159319	2	Mount, Rear Door	
22	1001169172	1	Cover, DEF Supply	
25	1001190341	3	Latch, Adjustable Trigger	
27	1001192390	1	Cover, Front	
28	3520030	1	Plug	
29	1001242035	1	Cover, Lower Transmission	
30	7139407	1	Cover, Upper Transmission	
31	1001169006	1	Panel, Left Side Access	
32	1001171384	1	Panel, Engine Access Right Side	
33	1001171385	1	Panel, Air Cleaner Access	
110	1001190341	1	Latch, Adjustable Trigger	

FIGURE 1-10. FRAME COVERS INSTALLATION (110HP ULS WITH AIR SHUT OFF VALVE)

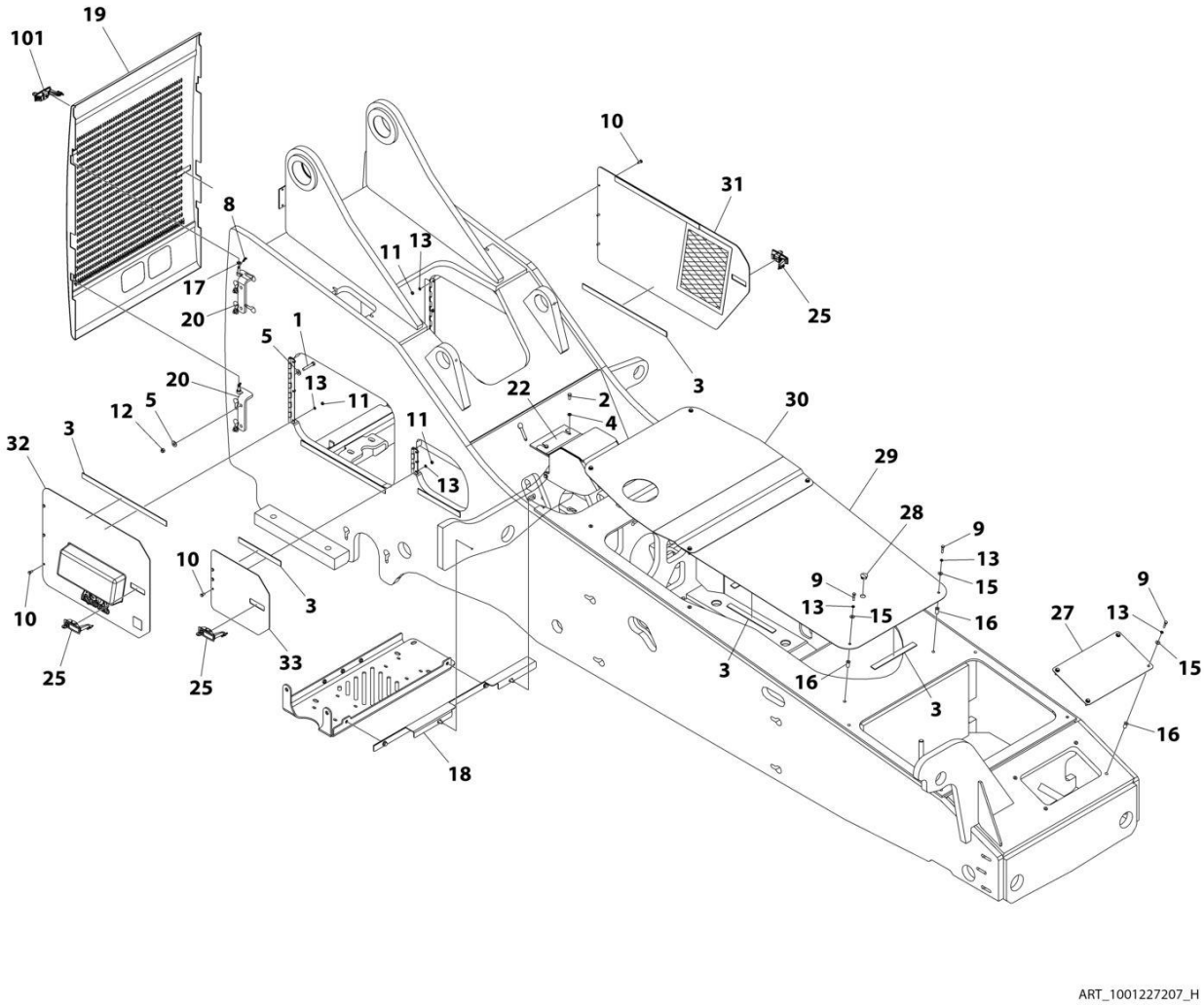


FIGURE 1-10. FRAME COVERS INSTALLATION (110HP ULS WITH AIR SHUT OFF VALVE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227207	Ref	FRAME COVERS INSTALLATION	H
1	0641618	4	Bolt 3/8 x 2-1/4	
2	0760810	4	Bolt M8 x 20	
3	4420037	150 in	Tape, Insulation	
4	4811900	4	Washer M8	
5	8307204	8	Washer 3/8	
8	8302470	2	Pin, Hair	
9	8303615	10	Bolt 1/4 x 1-1/4	
10	8303729	9	Bolt 1/4 x 5/8	
11	8305004	9	Nut 1/4	
12	8305645	4	Nut 3/8	
13	8307002	19	Washer 1/4	
15	8307202	10	Washer 1/4	
16	8580420	10	Nut, Well	
17	10732150	2	Washer M10	
18	1001127864	1	Installation, Dust Shield (See Separate Breakdown in this Section)	
19	1001284877	1	Door, Rear (Includes Item 101)	B
20	1001159319	2	Mount, Rear Door	
22	1001169172	1	Cover, DEF Supply	
25	1001190341	3	Latch, Adjustable Trigger	
27	1001192390	1	Cover, Front	
28	3520030	1	Plug	
29	1001242035	1	Cover, Lower Transmission	
30	7139407	1	Cover, Upper Transmission	
31	1001169006	1	Panel, Left Side Access	
32	1001216291	1	Panel, Right Side Engine Access	
33	1001171385	1	Panel, Air Cleaner Access	
101	1001190341	1	Latch, Adjustable Trigger	

FIGURE 1-11. TANKS ASSEMBLY - HYDRAULIC/FUEL/DEF (74HP ULS)

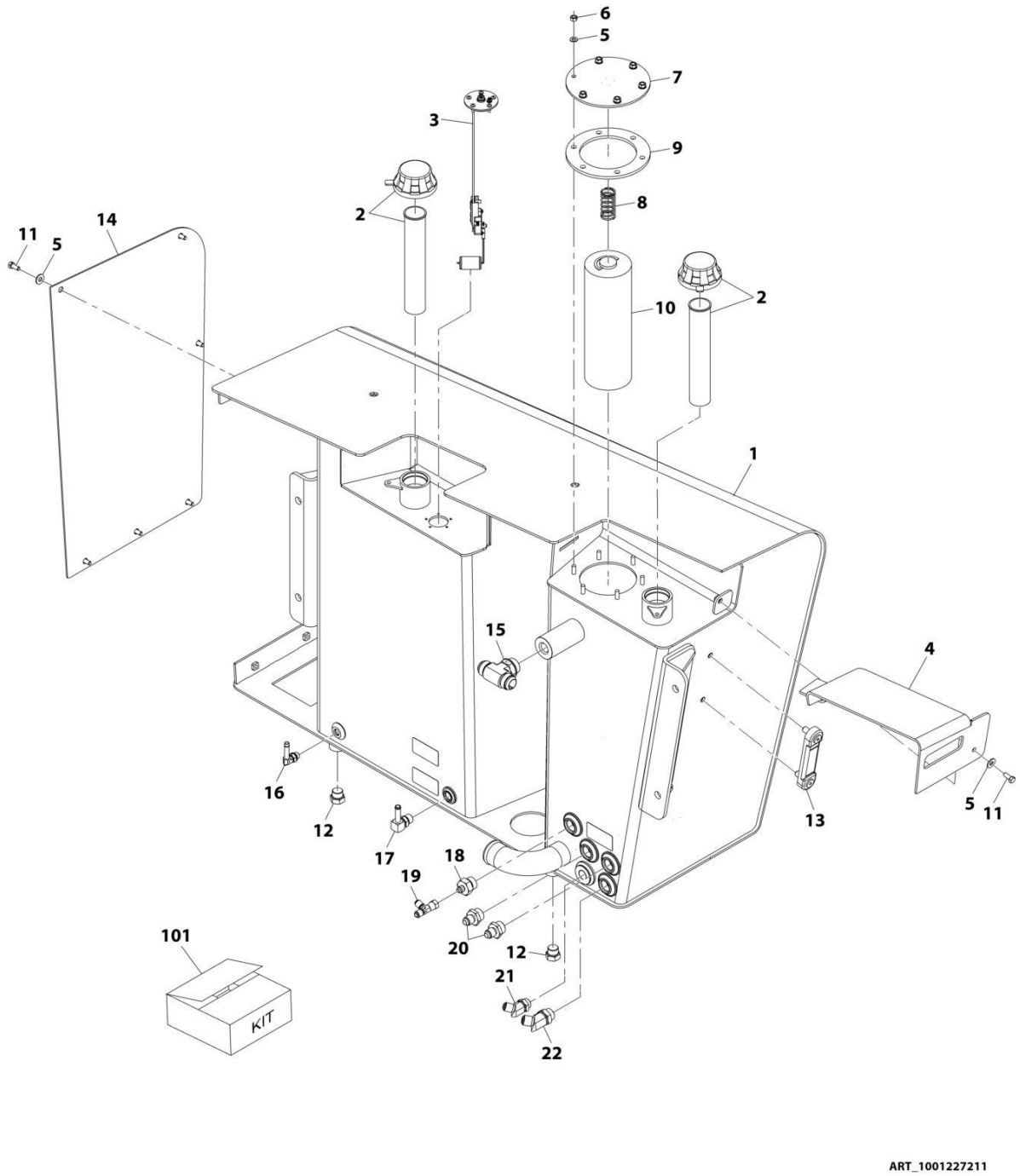


FIGURE 1-11. TANKS ASSEMBLY - HYDRAULIC/FUEL/DEF (74HP ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227211	Ref	Hydraulic/Fuel Tank Assembly (ULS)	B
1	N.S.S.	1	Tank, Hydraulic/Fuel	
2	7139077	2	Filler/Breather	
3	1001145026	1	Sensor, Fuel	
4	1001199116	1	Panel, Hydraulic Fill Cover	
5	1001170329	13	Washer, Flat M8	
6	3300429	6	Nut 5/16	
7	1001199135	1	Assembly, Cover	
8	1001199136	1	Spring	
9	1001199177	1	Seal	
10	1001199205	1	Element, Filter	
11	8303697	7	Bolt 5/16 X 3/4	
12	2220239	2	Plug	
13	7024441	1	Gauge, Sight	
14	1001199181	1	Cover, DEF Tank	
15	8760552	1	Tee, Branch	
16	1001178776	1	Elbow, 90	
17	1001199210	1	Elbow, 90	
18	2220577	1	Adapter	
19	2220635	1	Tee, Run	
20	2220375	2	Adapter	
21	2220499	1	Elbow, 45	
22	8770048	1	Elbow, 45	
101	70024152	1	Kit, Filter (Includes Items 9 & 10)	

FIGURE 1-12. TANKS INSTALLATION - HYDRAULIC/FUEL/DEF (110HP ULS)

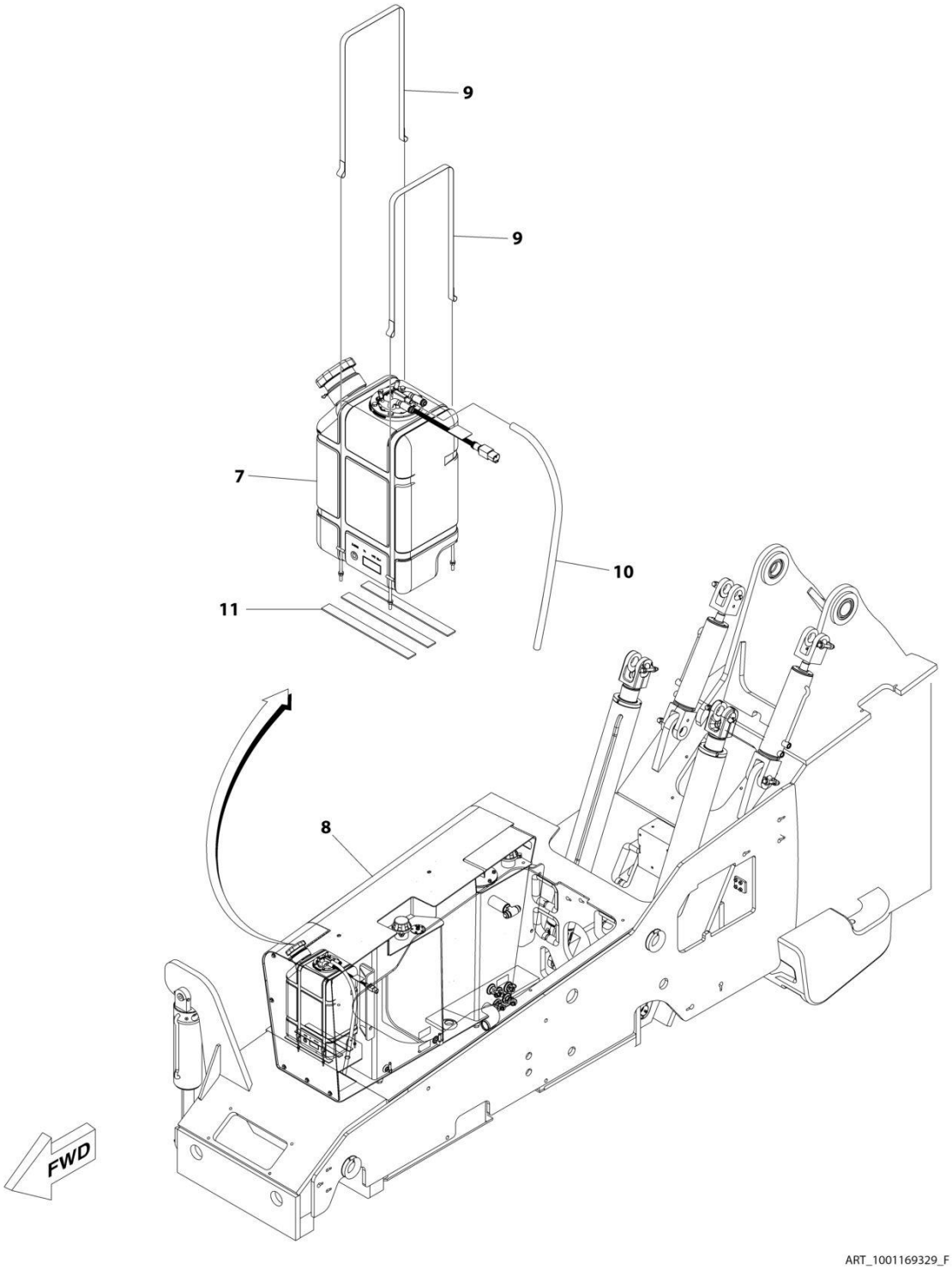


FIGURE 1-12. TANKS INSTALLATION - HYDRAULIC/FUEL/DEF (110HP ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169329	Ref	TANK INSTALLATION - HYDRAULIC/FUEL/DEF	F
7	1001228986	1	DEF Tank (See Separate Breakdown in this Section)	
8	1001169466	1	Weldment, Fuel/Hydraulic Tank (See Separate Breakdown in this Section)	
9	1001170856	2	Strap, DEF Tank	
10	1001229095	1	Hose, DEF Tank Vent	
11	4420037	AR	Tape, Insulation	

FIGURE 1-13. TANKS ASSEMBLY - HYDRAULIC/FUEL (110HP ULS & LS)

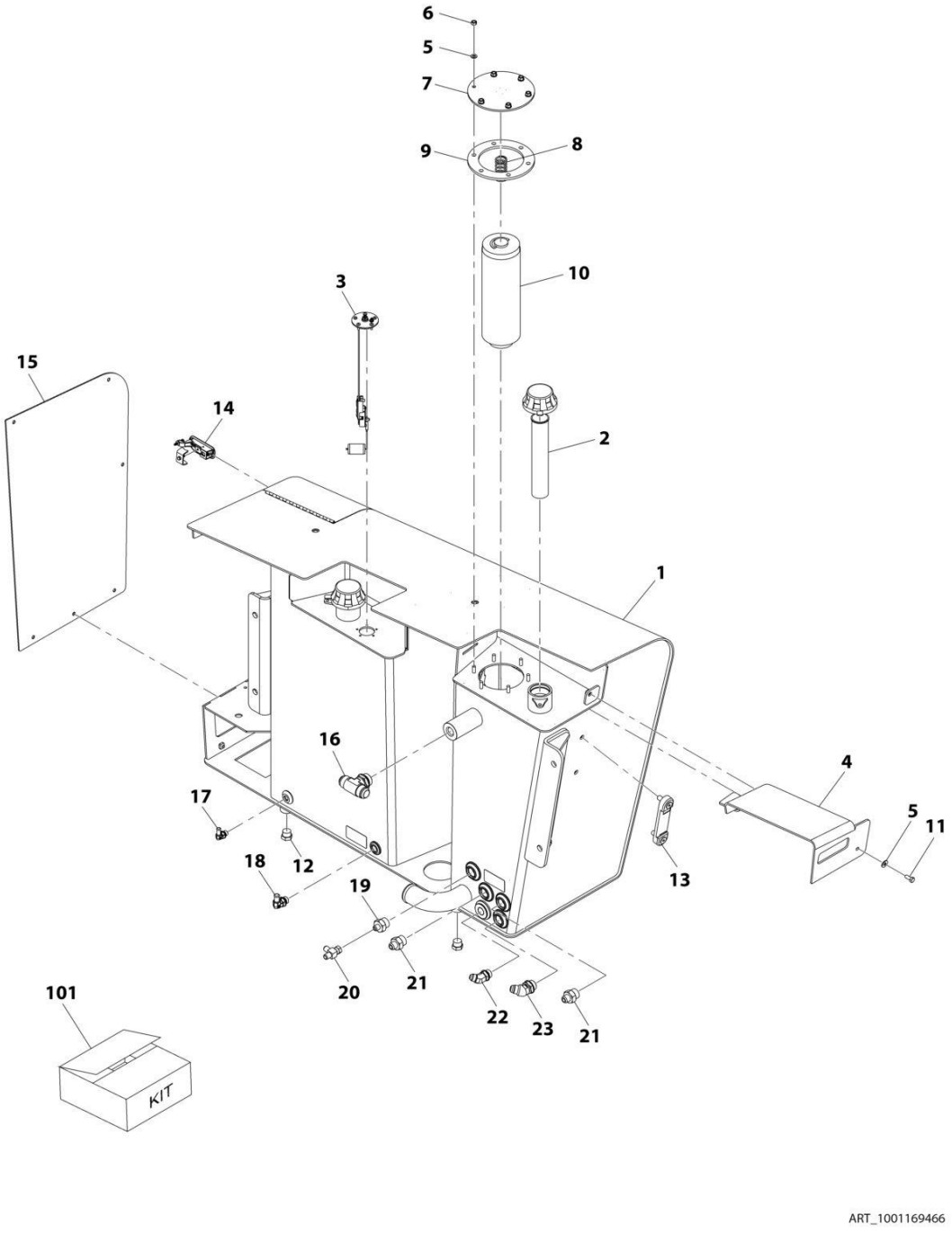


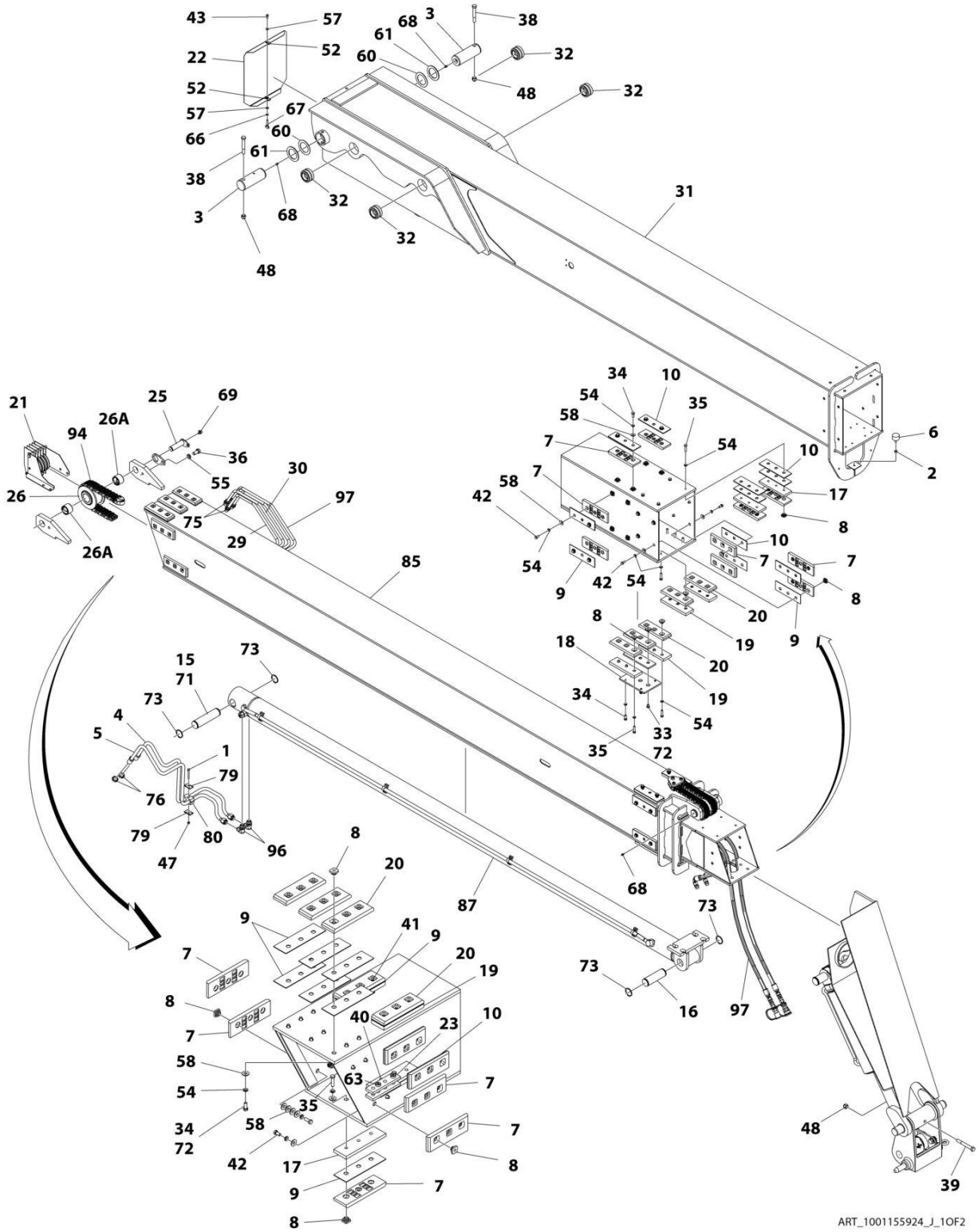
FIGURE 1-13. TANKS ASSEMBLY - HYDRAULIC/FUEL (110HP ULS & LS)

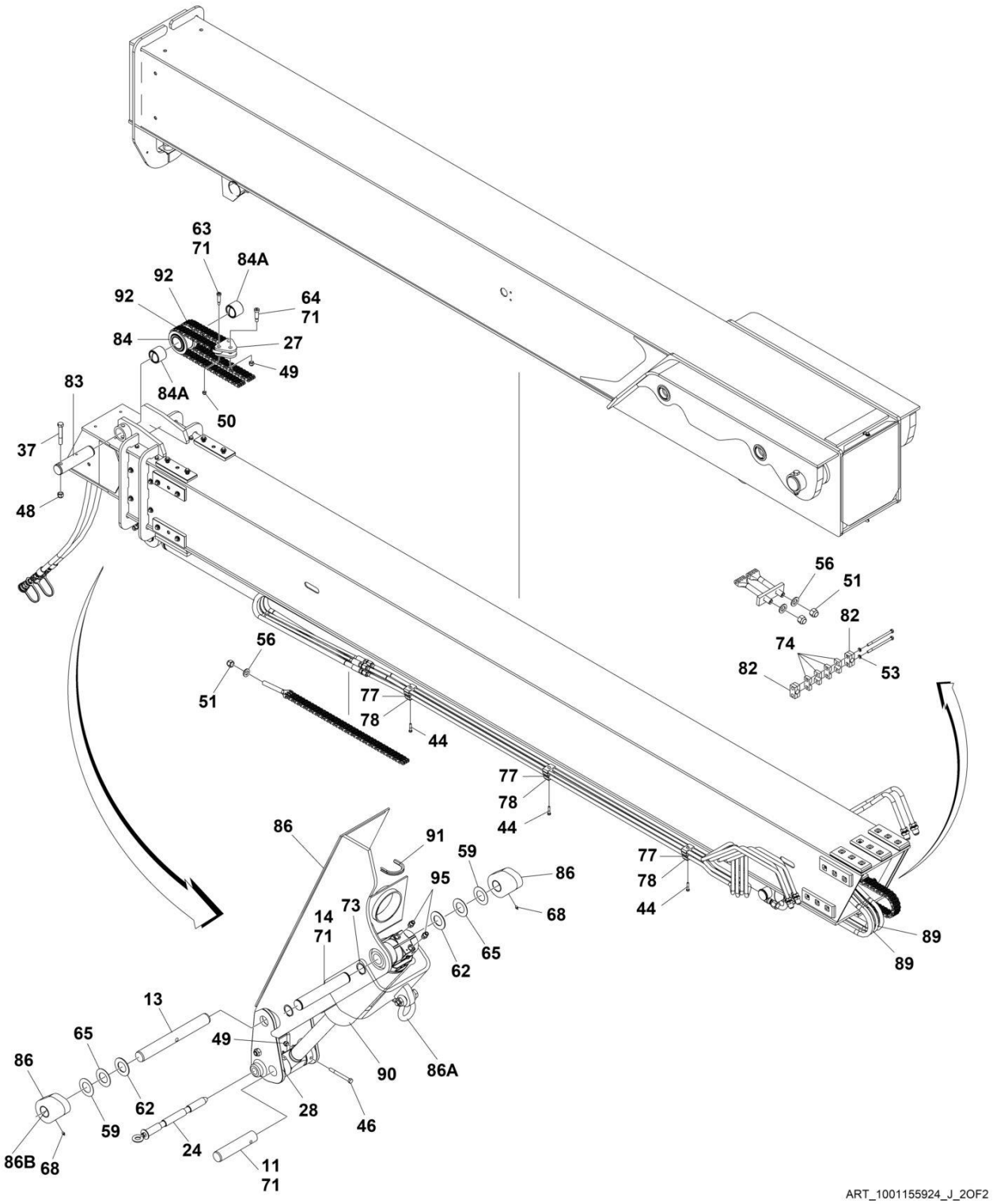
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169466	Ref	Hydraulic/Fuel/DEF Tank Assembly (LS)	M
1	N.S.S.	1	Weldment, Hydraulic/Fuel Tank	
2	7139077	2	Filler/Breather	
3	1001145026	1	Sensor, Fuel	
4	1001199116	1	Panel, Hydraulic Fill Cover	
5	1001170329	7	Washer, Flat M8	
6	3300429	6	Nut, Hex 31-18	
7	1001199135	1	Assembly, Cover	
8	1001199136	1	Spring	
9	1001199177	1	Seal	
10	1001199205	1	Element, Filter	
11	8303697	1	Bolt, Hex Hd 5/16-18X3/4	
12	2220239	2	Plug	
13	7024441	1	Gauge, Sight	
14	1001199199	1	Latch	
15	1001199181	1	Cover, DEF Tank	
16	8760552	1	Tee, Branch	
17	1001178776	1	Elbow, 90	
18	1001199210	1	Elbow, 90	
19	2220577	1	Adapter	
20	2220635	1	Tee, Run	
21	2220375	2	Adapter	
22	2220499	1	Elbow, 45	
23	8770048	1	Elbow, 45	
101	70024152	1	Kit, Filter (Includes Items 9 & 10)	

SECTION 2 - BOOM

SECTION 2 - BOOM

FIGURE 2-1. BOOM INSTALLATION




63
71
84A
92
92
64
71
84
27
49
84A
50
83
37
48
56
51
82
74
82
53
56
51
77
78
44
77
78
44
86
91
59
95
86
68
14
71
73
65
62
77
78
44
89
89
13
65
49
86
59
62
24
28
90
86A
46
86B
68
11
71
ART_1001155924_J_2OF2

SECTION 2 - BOOM

FIGURE 2-1. BOOM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155924	Ref	BOOM INSTALLATION - 8042 (8042)	J
1	0641520	1	Bolt 5/16 x 2-1/2	
2	3311601	1	Nut 3/8	
3	3423226	2	Pin, Boom Pivot	
4	3460383	1	Tube	
5	3460384	1	Tube	
6	5724622	1	Bumper, Rubber	
7	7079572	22	Pad, Wear	
8	7082311	73	Insert, Wear Pad	
9	7082342	AR	Shim, Wear Pad	
10	7082362	AR	Shim, Wear Pad	
11	7083992	1	Pin, Rod End	
13	7095352	1	Pin, Carriage Pivot	
14	7095522	1	Pin, Base End	
15	7096552	1	Pin, Base End	
16	7096562	1	Pin, Rod End	
17	7096702	4	Spacer, Wear Pad	
18	7096772	1	Spacer, Wear Pad	
19	7096882	6	Spacer, Wear Pad	
20	7111572	10	Pad, Wear	
21	7116733	1	Assembly, Hose Pulley (See Separate Breakdown in this Section)	
22	7116792	1	Cover	
23	7117031	2	Link	
24	7118892	1	Assembly, Lock Pin (See Separate Breakdown in this Section)	
25	7138977	1	Pin, Retract Chain Sheave	
26	7138986	1	Sheave, Retract Chain	
26A	7138979	2	Bushing	
27	7139180	2	Yoke, Extend Chain	
28	1001242996	1	Assembly, Quick Attach (See Separate Breakdown in this Section)	
29	7300672	1	Tube	
30	7300673	1	Tube	
31	7302010	1	Boom, First Section	
32	8065640	4	Bearing, Self-Align	
33	8303041	3	Bolt, 3/8X1/2	
34	8303620	18	Bolt, 3/8X1	
35	8303621	18	Bolt, 3/8X1-1/2	
36	8303624	1	Bolt, 1/2X1	
37	8303634	1	Bolt, 5/8X4	
38	8303655	2	Bolt, 5/8X4-1/2	
39	8303666	1	Bolt, 5/8X5	
40	8303675	2	Bolt, 3/8X1-1/4	
41	8303679	6	Bolt, 3/8X1-3/4	
42	8303681	30	Bolt, 3/8X3/4	
43	8303697	1	Bolt, 5/16X3/4	
44	8303715	3	Bolt, 5/16X1-1/2	
46	8303772	1	Bolt, 1/2X5	
47	8305626	1	Nut 5/16	
48	8305643	4	Nut 5/8	
49	8305644	2	Nut 1/2	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	8305645	4	Nut 3/8	
51	8305646	3	Nut 3/4	
52	8305906	2	Nut, Retainer 5/16	
53	8307004	2	Washer 5/16	
54	8307005	74	Washer 3/8	
55	8307007	1	Washer 1/2	
56	8307104	3	Washer 3/4	
57	8307106	2	Washer 5/16	
58	8307204	52	Washer 3/8	
59	8307904	AR	Washer, Shim	
60	8307910	AR	Washer, Shim	
61	8307911	AR	Washer, Shim	
62	8307918	2	Washer, Shim	
63	8310019	4	Screw 1/2X1-1/2	
64	8310020	1	Screw 5/8X1-1/2	
65	8310093	AR	Washer, Shim	
66	8310431	1	Washer 5/16	
67	8310497	1	Screw, Thumb 5/16X1-1/2	
68	8520001	5	Fitting, Straight Lube	
69	8520003	1	Fitting, 90 Lube	
71	8522012	AR	Lube, Anti-Seize	
72	8526007	AR	Compound, Thread Locking	
73	8642224	6	Ring, Retaining	
74	8750003	4	Clamp, Half	
75	8760465	2	Adapter, Bulkhead Nut	
76	8760468	2	Adapter, Bulkhead Nut	
77	8769122	3	Clamp Set, Twin	
78	8769123	3	Cover Plate, Twin	
79	8769128	2	Cover Plate, Twin	
80	8769139	1	Clamp Set, Twin	
82	8769161	2	Clamp, Half	
83	1001097735	1	Pin, Extend Chain Sheave	
84	1001101845	1	Sheave Assembly	
84A	7126662	2	Bushing	
85	1001155921	1	Boom, Second Section	
86	1001210819	1	Boom, Fly - 8042 & 10042 (10054,8042)	
86A	1001204045	1	Clevis	
86B	7095312	2	Bushing	
87	1001267966	1	Cylinder, Extend/Retract (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
89	2713452	2	Hose	
90	1001180763	1	Cylinder, Fork Tilt (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
91	7125811	1	Conduit	
92	7139690	2	Assembly, Extend Chain and Clevis (See Separate Breakdown in this Section)	
94	7139692	1	Assembly, Retract Chain and Clevis (See Separate Breakdown in this Section)	
95	2220373	2	Adapter, Straight	
96	2220578	2	Adapter, 90	
97	7300678	1	Installation, Boom Auxiliary Hydraulics (See Separate Breakdown in this Section)	

FIGURE 2-2. BOOM AUXILIARY HYDRAULICS INSTALLATION (10042,6042,8042)

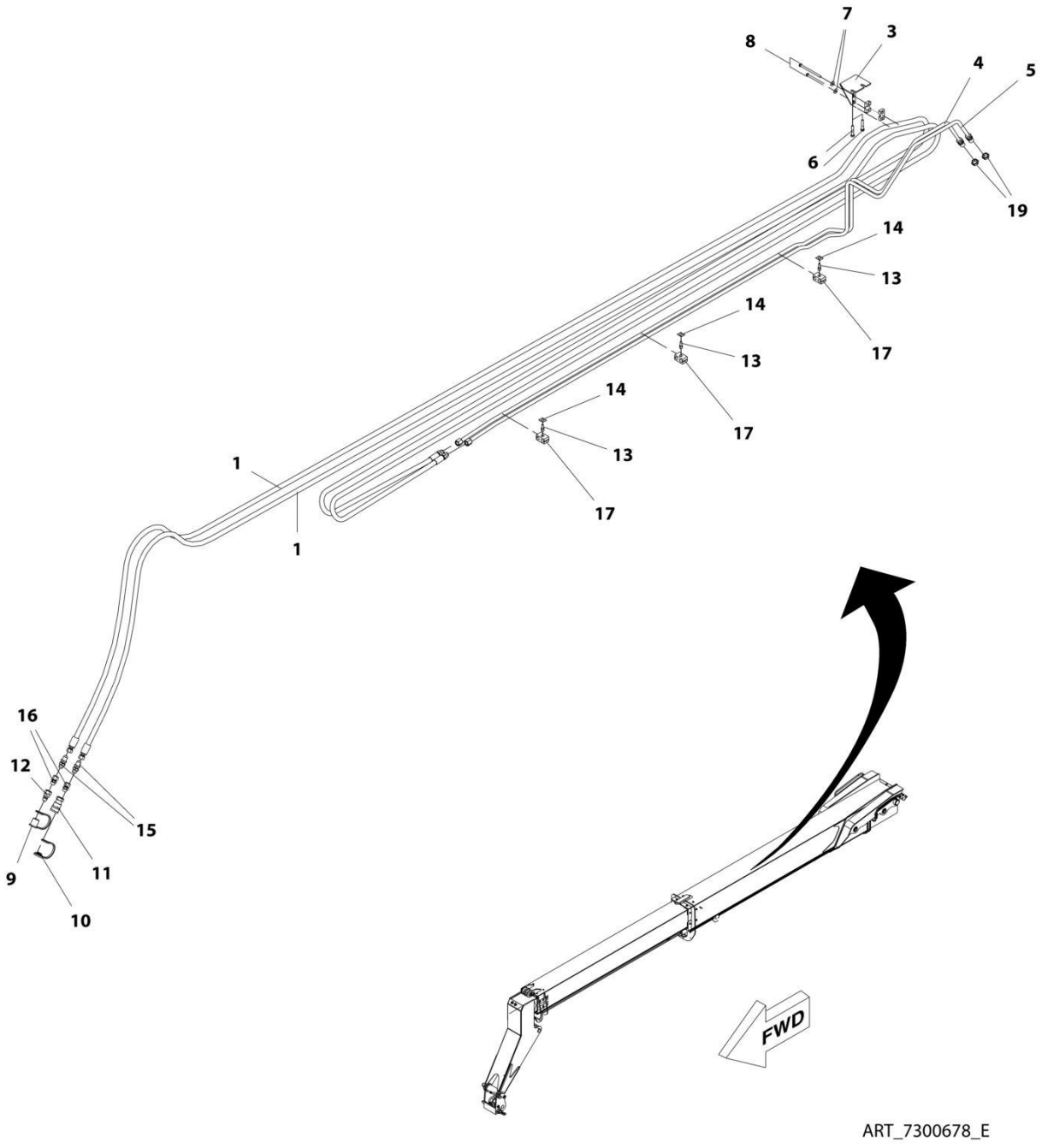


FIGURE 2-2. BOOM AUXILIARY HYDRAULICS INSTALLATION (10042,6042,8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7300678	Ref	Boom Auxiliary Hydraulics Installation	F
1	2713082	2	Hose	
3	7111402	1	Support, Hose Clamp	
4	7300674	1	Tube, Boom Auxiliary Inner	
5	7300675	1	Tube, Boom Auxiliary Outer	
6	8303622	2	Bolt, 3/8-16X2	
7	8307203	2	Washer, Plain 5/16	
8	8310081	2	Bolt, 5/16-18X5	
9	8420053	1	Cap, Dust	
10	8420055	1	Plug, Dust	
11	91403413	1	Adapter, Quick Disconnect	
12	91403414	1	Adapter, Quick Disconnect	
13	8750011	3	Bolt, Stacking 5/16	
14	8750017	3	Plate, Twin Clamp Locking	
15	2230025	2	Adapter, Bulkhead Straight	
16	2220651	2	Adapter, Straight	
17	8769122	3	Clamp Set, Twin 5/8	
18	8769161	2	Clamp, Half Single 3/4	
19	8760465	2	Adapter, Bulkhead Nut	
20	0761010	2	Bolt M10 x 20	
21	2221027	2	Fitting	
22	4812000	2	Washer M10	
23	1001272715	1	Plate	

FIGURE 2-3. EXTEND CHAIN ASSEMBLY (10042,6042,8042)

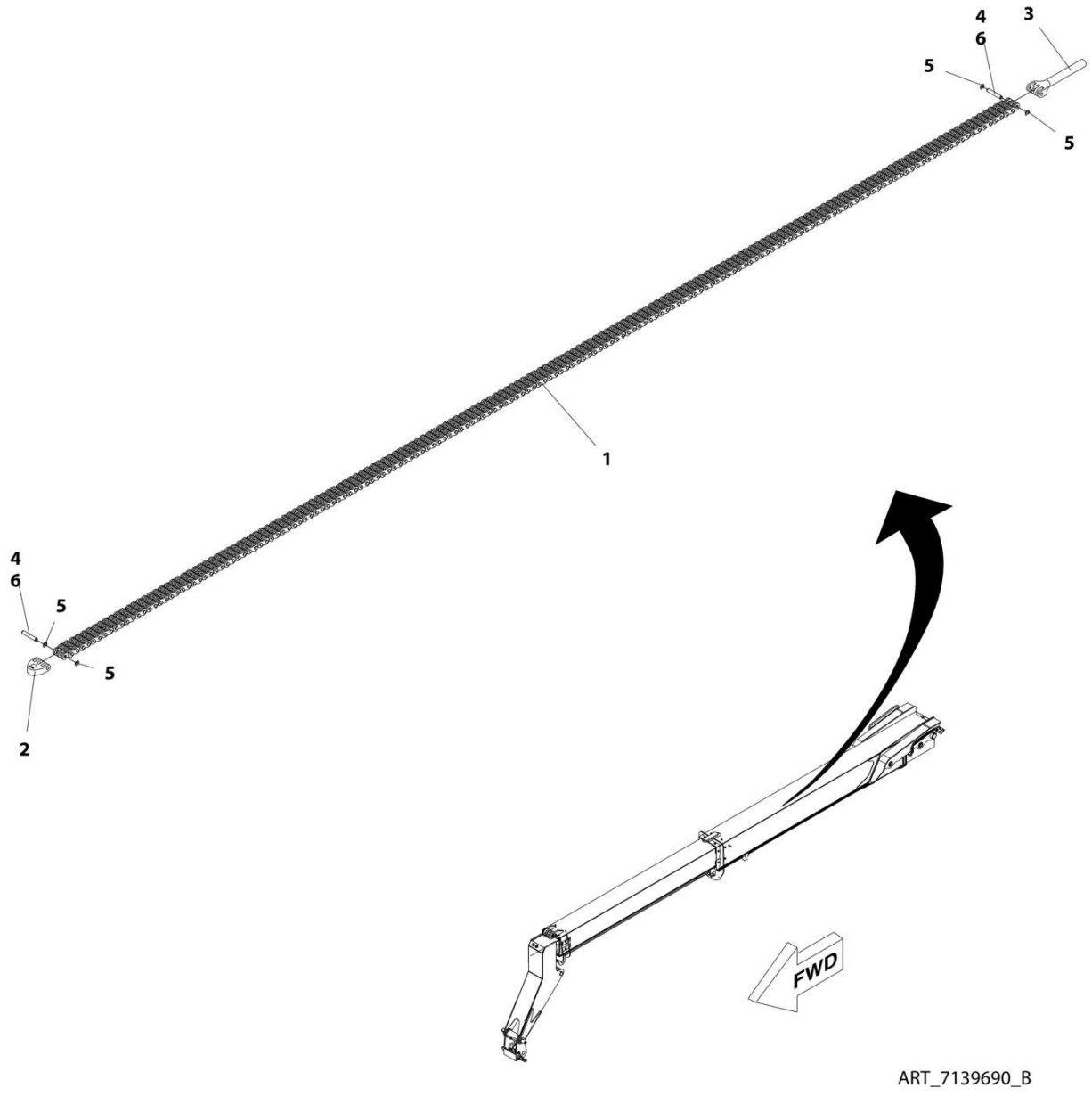


FIGURE 2-3. EXTEND CHAIN ASSEMBLY (10042,6042,8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7139690	Ref	Extend Chain Assembly	B
1	8127022	1	Chain, Leaf	
2	7139416	1	Clevis, Female Anchor	
3	7139032	1	Clevis, Female Anchor	
4	8124138	2	Pin, Chain Clevis	
5	8642237	4	Ring, Retaining	
6	8522012	AR	Lube, Anti-Seize	

FIGURE 2-4. HOSE PULLEY ASSEMBLY

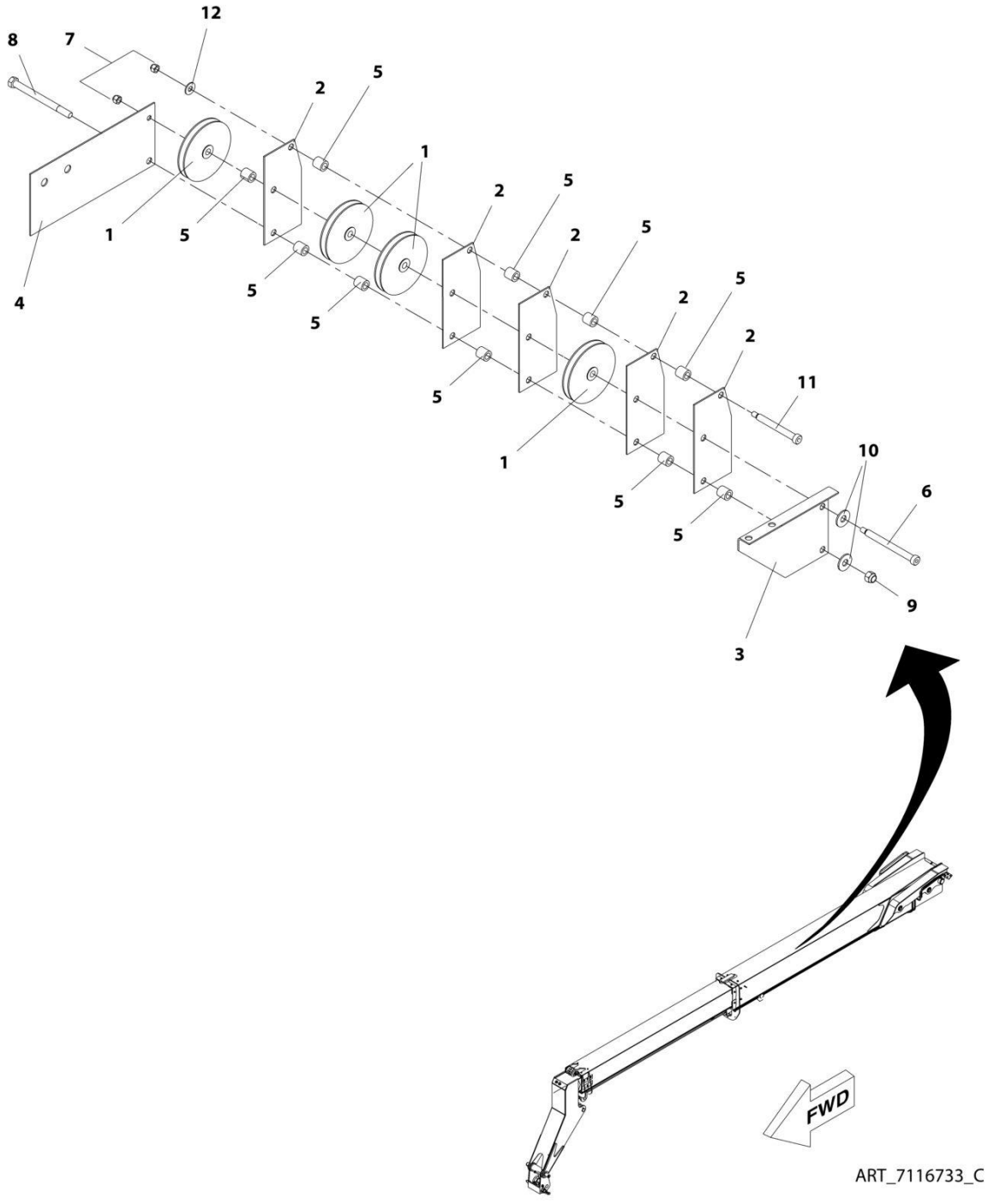


FIGURE 2-4. HOSE PULLEY ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7116733	Ref	Hose Pulley Assembly	C
1	7116812	4	Wheel, Roller	
2	7116642	5	Divider	
3	7116652	1	Bracket, RH	
4	7116662	1	Bracket, LH	
5	7116691	10	Spacer	
6	8310235	1	Screw, Shoulder 1/2X5	
7	8305645	2	Nut, Lock 3/8-16	
8	8310209	1	Bolt, 1/2-13X6	
9	8305644	1	Nut, Lock 1/2-13	
10	8307206	2	Washer, Plain 1/2	
11	8310245	1	Screw, Shoulder 1/2X4	
12	8307204	1	Washer, Plain 3/8	

FIGURE 2-5. LOCK PIN ASSEMBLY

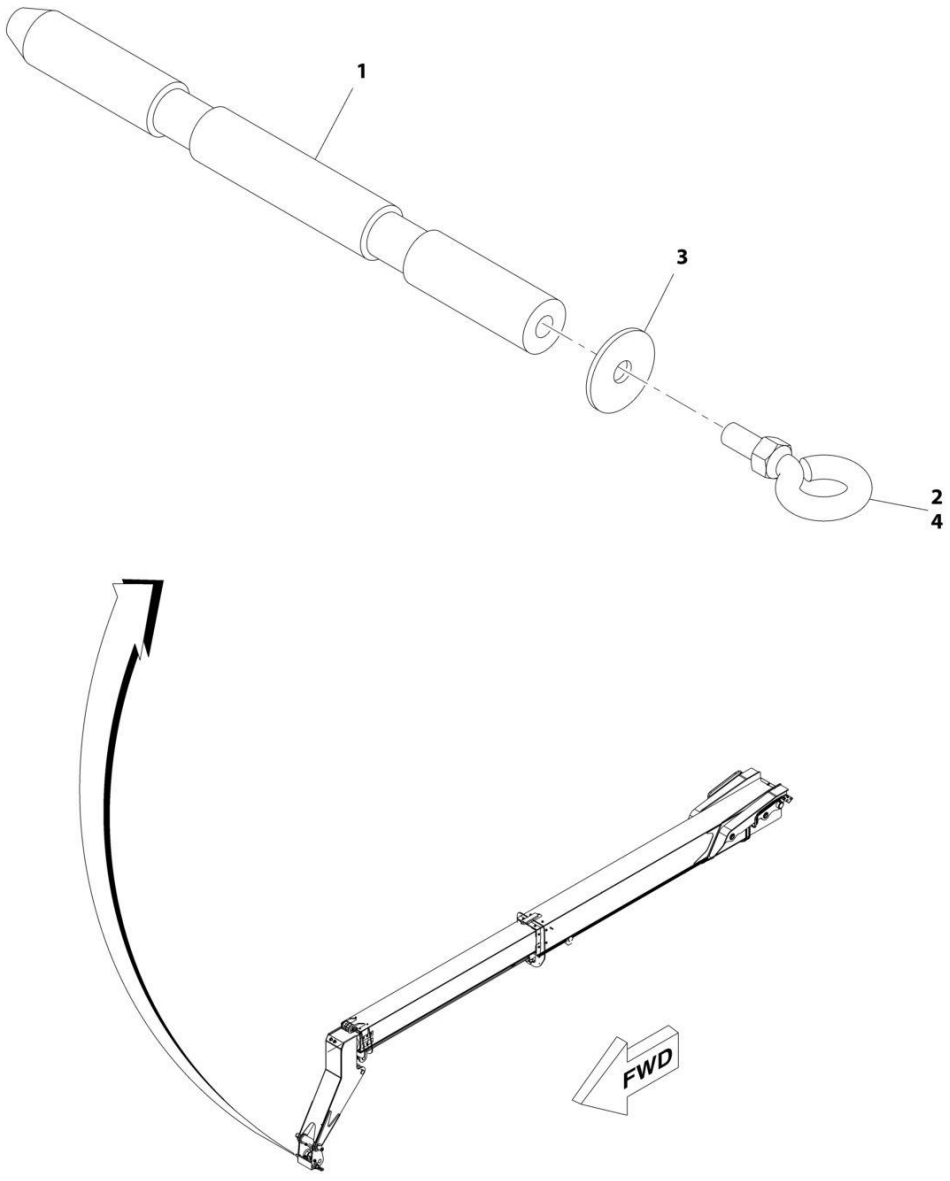
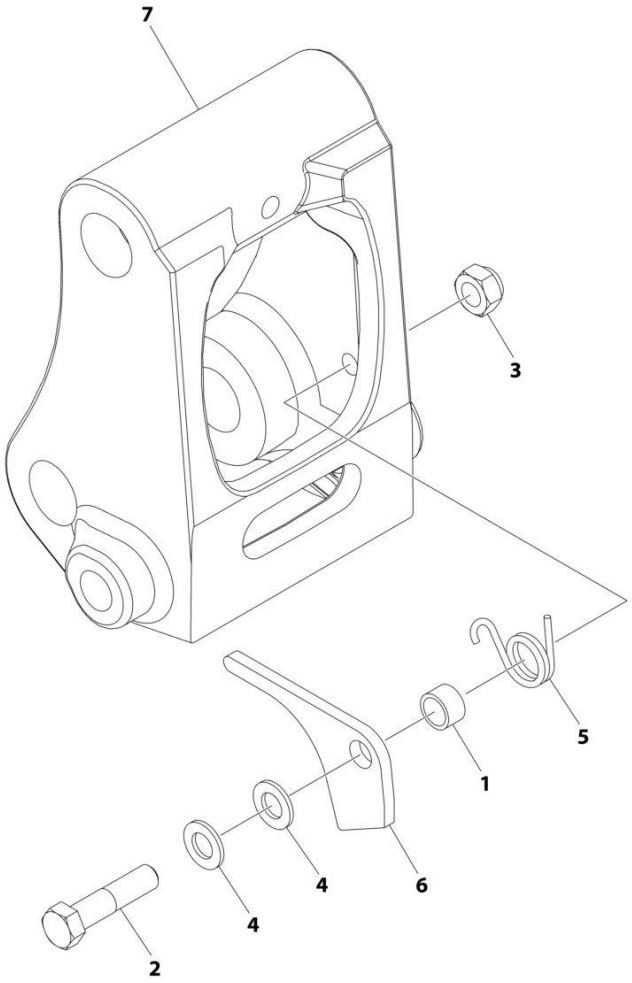


FIGURE 2-5. LOCK PIN ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7118892	Ref	Lock Pin Assembly	B
1	7118882	1	Pin	
2	8310266	2	Bolt, Eye 1/2-13X2	
3	8310276	3	Washer	
4	8526007	AR	Compound, Locking	

FIGURE 2-6. QUICK COUPLING ASSEMBLY



ART_1001242996_C

FIGURE 2-6. QUICK COUPLING ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242996	Ref	COUPLER ASSEMBLY	C
1	7085571	1	Spacer	
2	8303640	1	Bolt	
3	8305619	1	Nut 3/4	
4	8307104	2	Washer 3/4	
5	1001243025	1	Spring, Torsion	
6	1001243026	1	Plate, Pin Latch	
7	1001243219	1	Coupler, Link	

FIGURE 2-7. RETRACT CHAIN AND CLEVIS ASSEMBLY

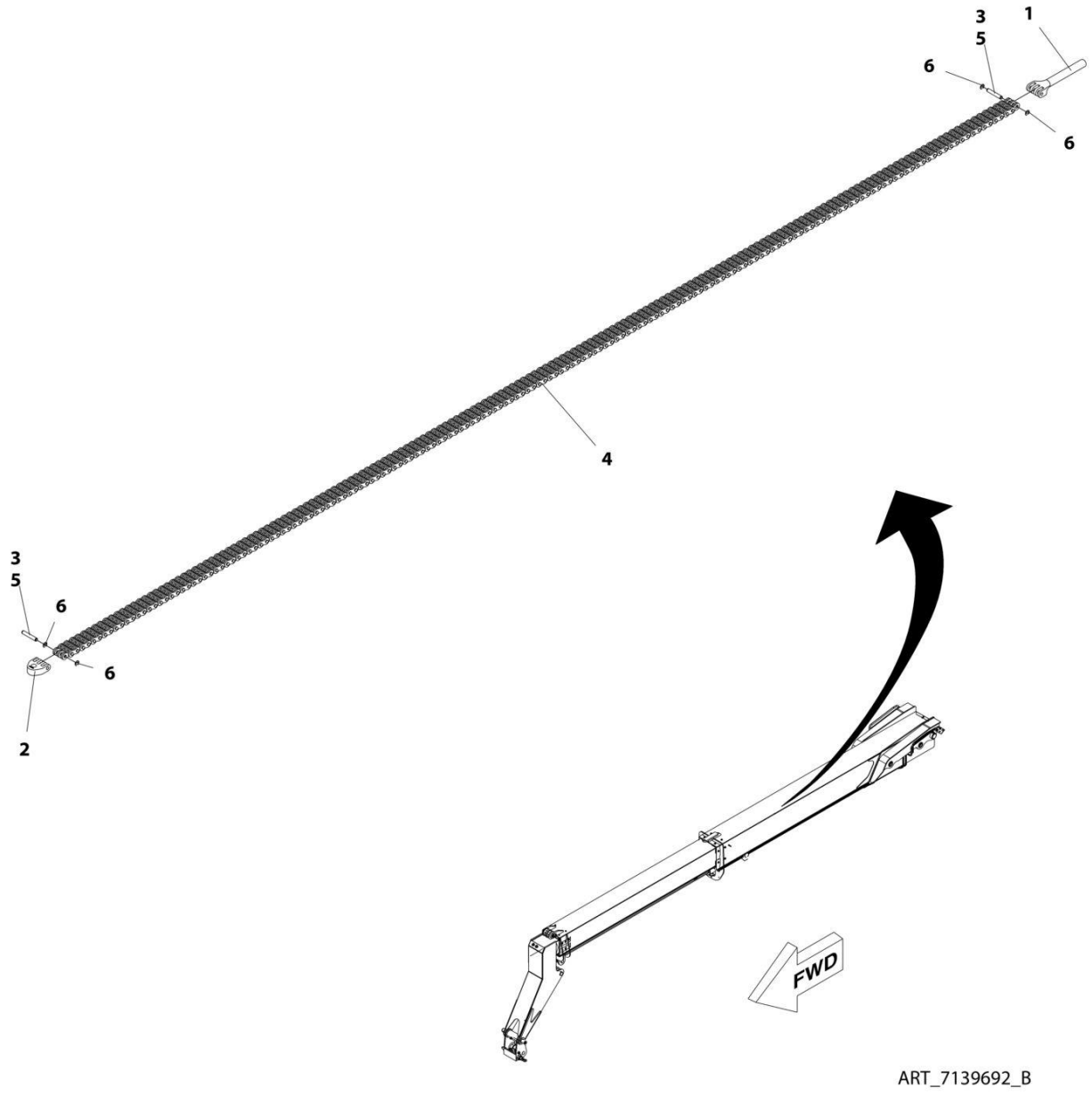


FIGURE 2-7. RETRACT CHAIN AND CLEVIS ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7139692	Ref	Chain and Clevis Assembly	B
1	7139032	1	Clevis, Female Anchor	
2	7139416	1	Clevis, Female Anchor	
3	8124138	2	Pin, Chain Clevis	
4	8127024	1	Chain, Leaf	
5	8522012	AR	Lube, Anti-Seize	
6	8642237	4	Ring, Retaining	

FIGURE 2-8. BOOM PROP INSTALLATION

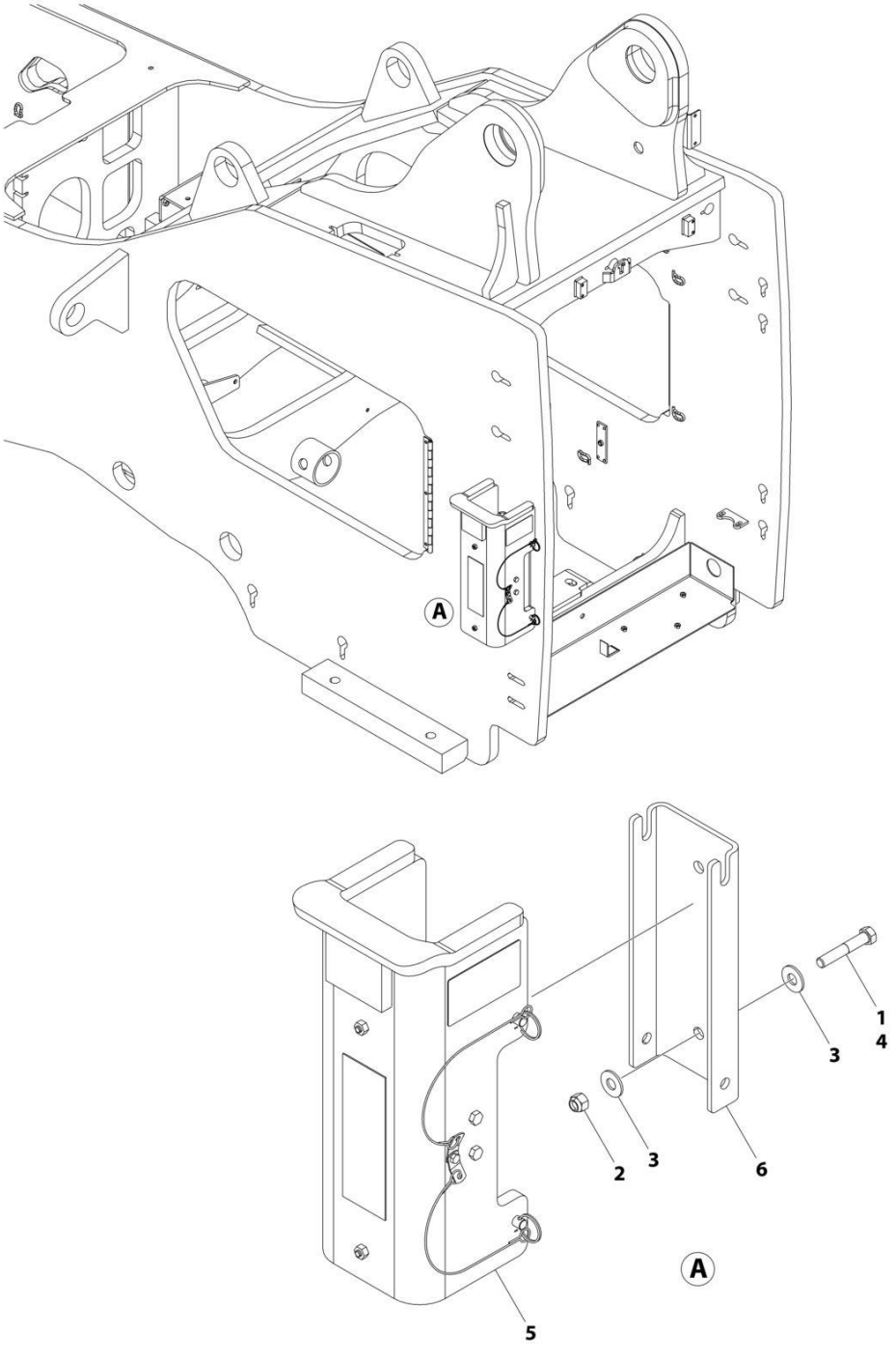


FIGURE 2-8. BOOM PROP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284067	Ref	BOOM PROP INSTALLATION	A
1	8303771	2	Bolt 3/8 x 2-1/4	
2	8305645	2	Nut 3/8	
3	8307204	4	Washer 3/8	
4	1001095650	AR	Adhesive	
5	1001284068	1	Bracket, Boom Prop (See Separate Breakdown in this Section)	
6	1001284436	1	Plate	

FIGURE 2-9. BOOM PROP BRACKET INSTALLATION

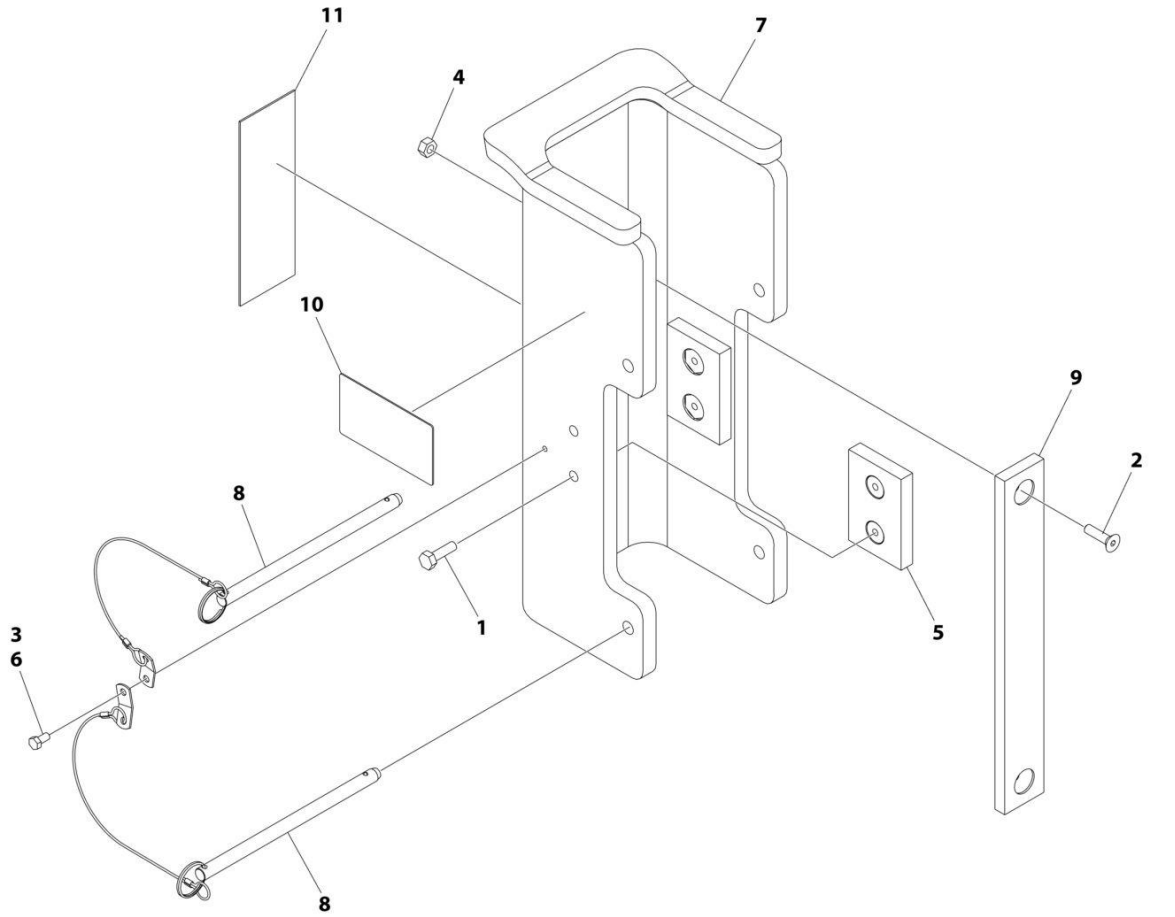
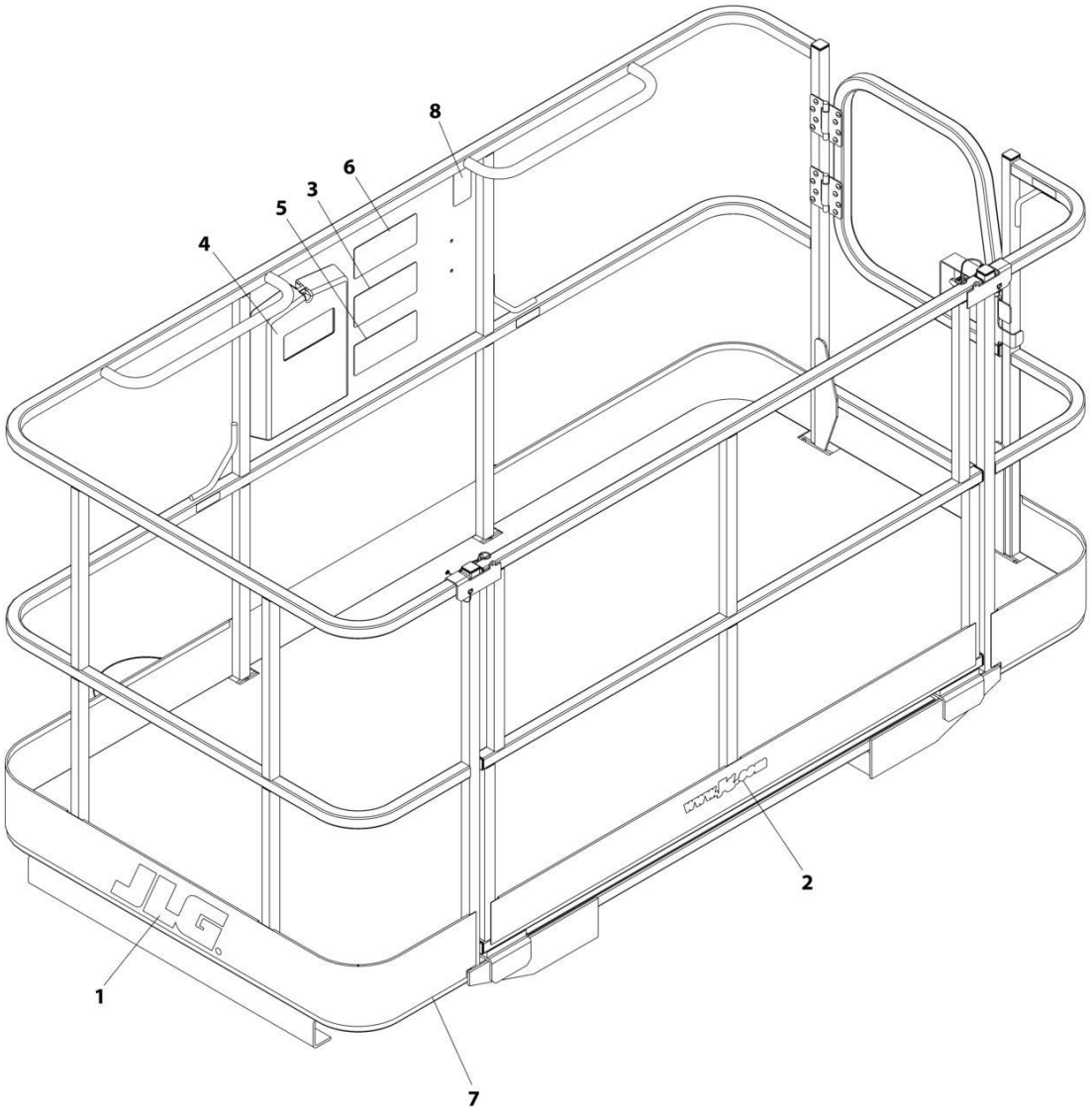


FIGURE 2-9. BOOM PROP BRACKET INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284068	Ref	BOOM PROP BRACKET INSTALLATION	A
1	0641407	4	Bolt 1/4 x 7/8	
2	0741408	2	Screw 1/4 x 1	
3	0760505	1	Bolt M5 x 10	
4	3311405	2	Nut 1/4	
5	3340829	2	Pad	
6	1001095650	AR	Adhesive	
7	1001284069	1	Bracket	
8	1001284433	2	Pin, Ball Locking	
9	1001284447	1	Pad	
10	1001288418	1	Decal - Boom Prop	
11	1001292606	1	Decal - Warning Boom Prop	

SECTION 3 - ATTACHMENTS

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



ART_1001238653-A

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

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

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

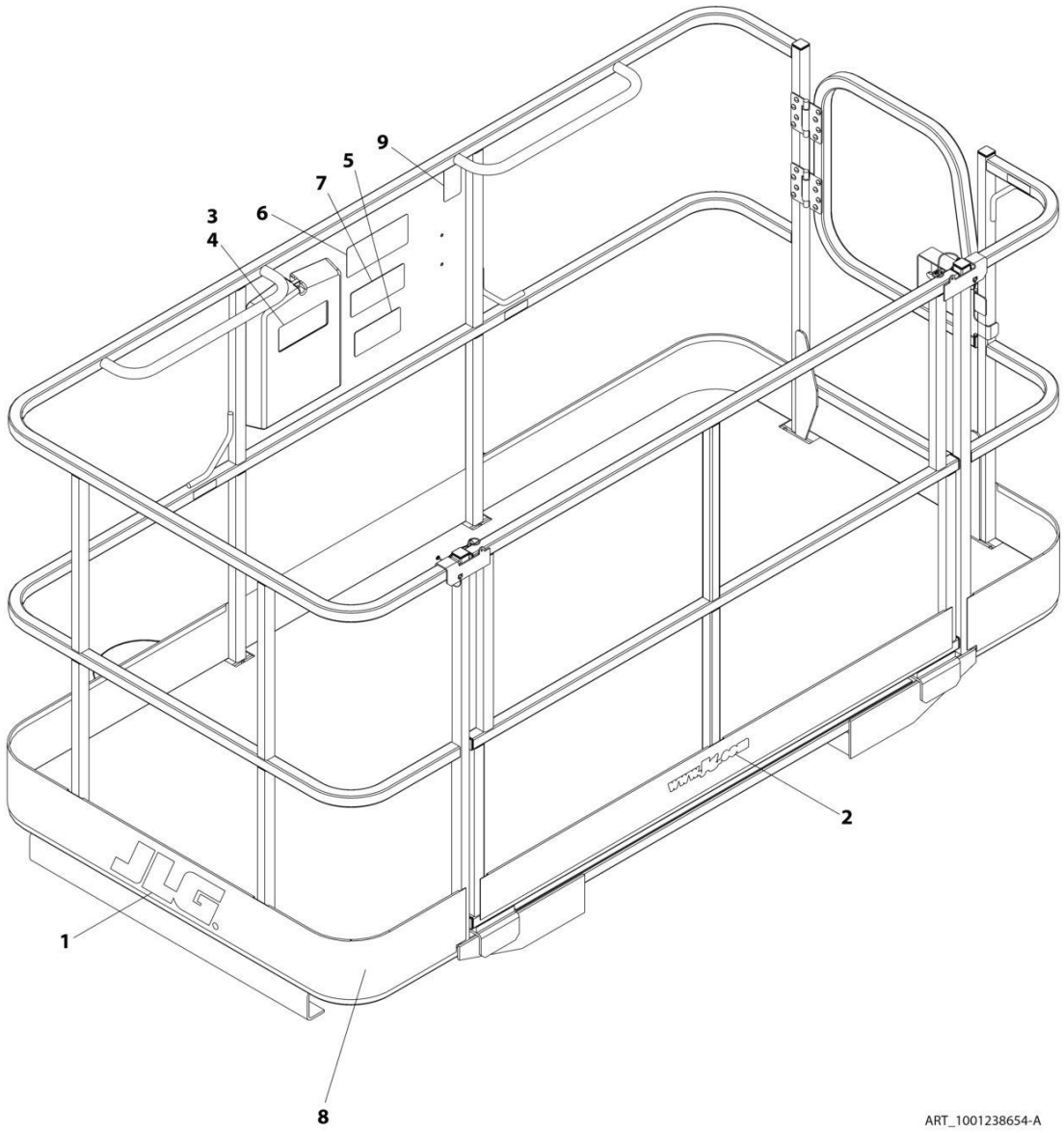


FIGURE 3-2. BASKET, PERSONNEL - 4FT X 8FT (ISO)

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

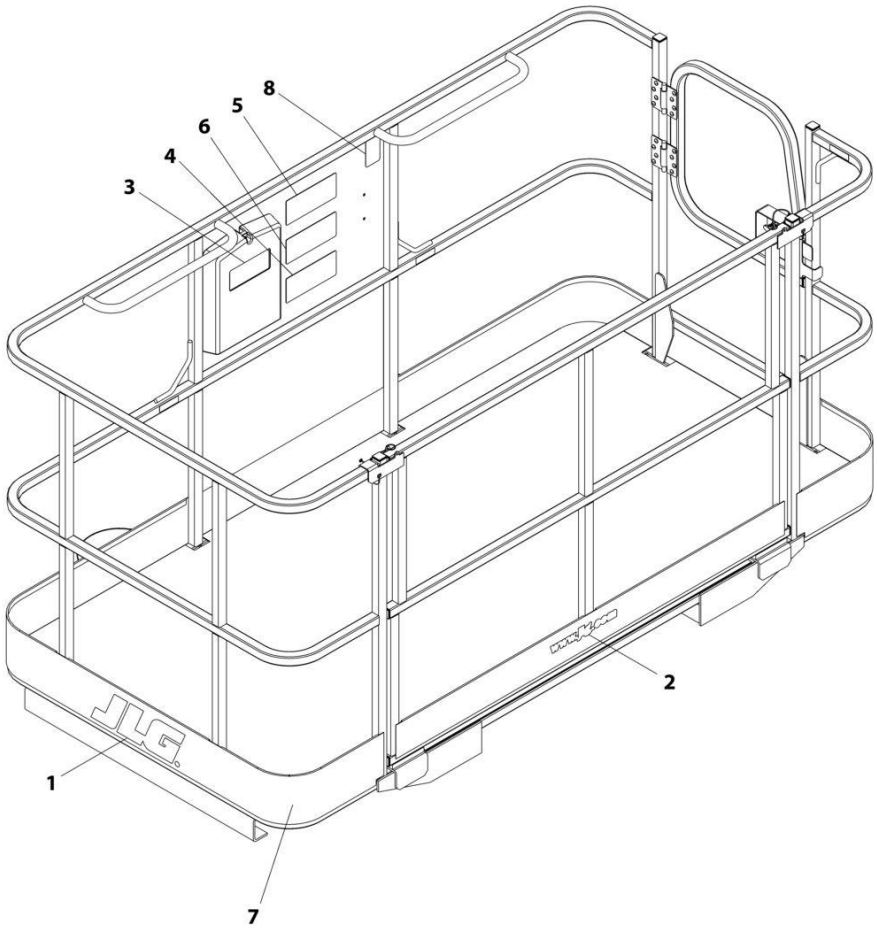


FIGURE 3-3. BASKET, PERSONNEL - 4FT X 8FT (FRENCH)

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 3-4. BASKET, FORK MOUNTED

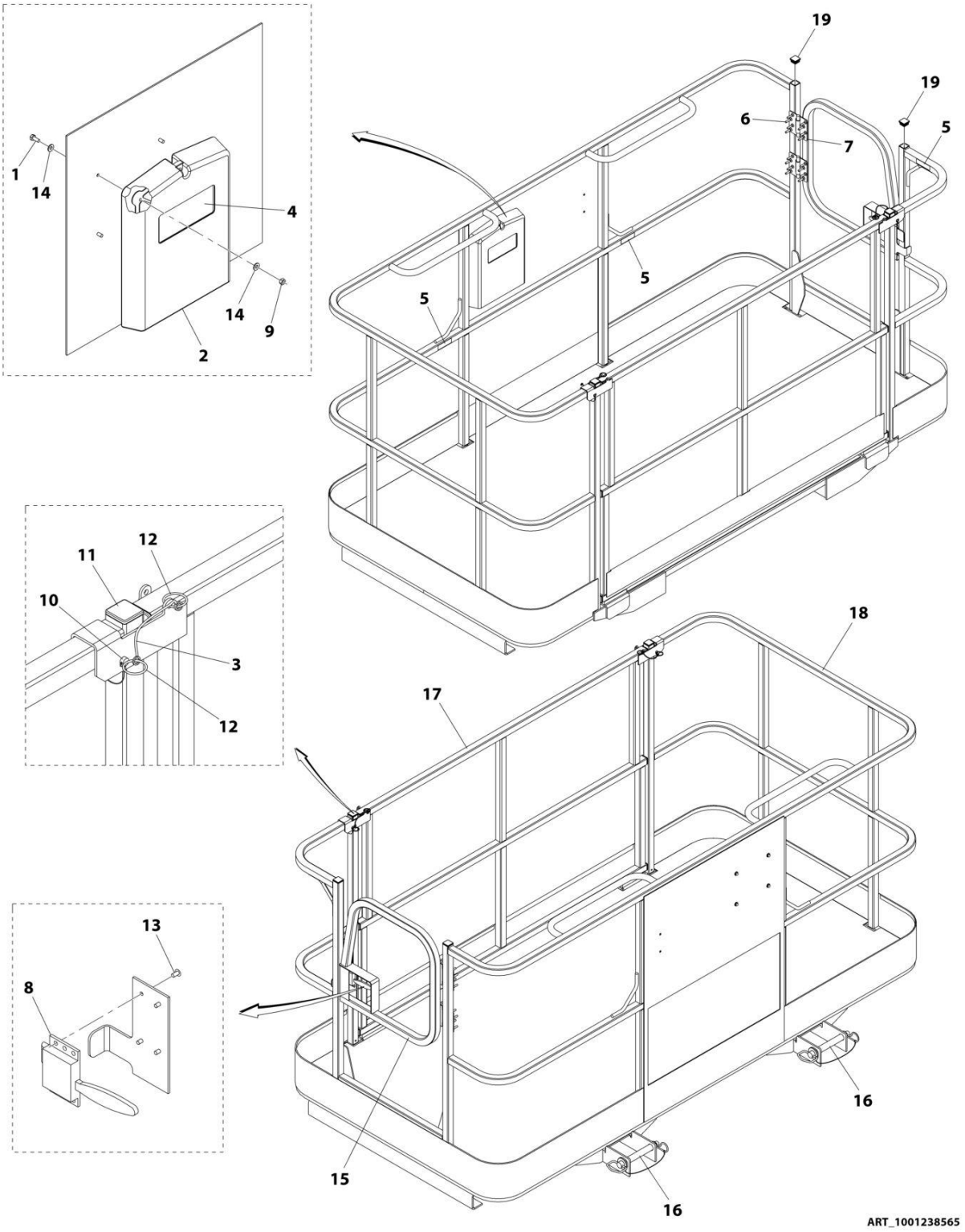


FIGURE 3-4. BASKET, FORK MOUNTED

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)

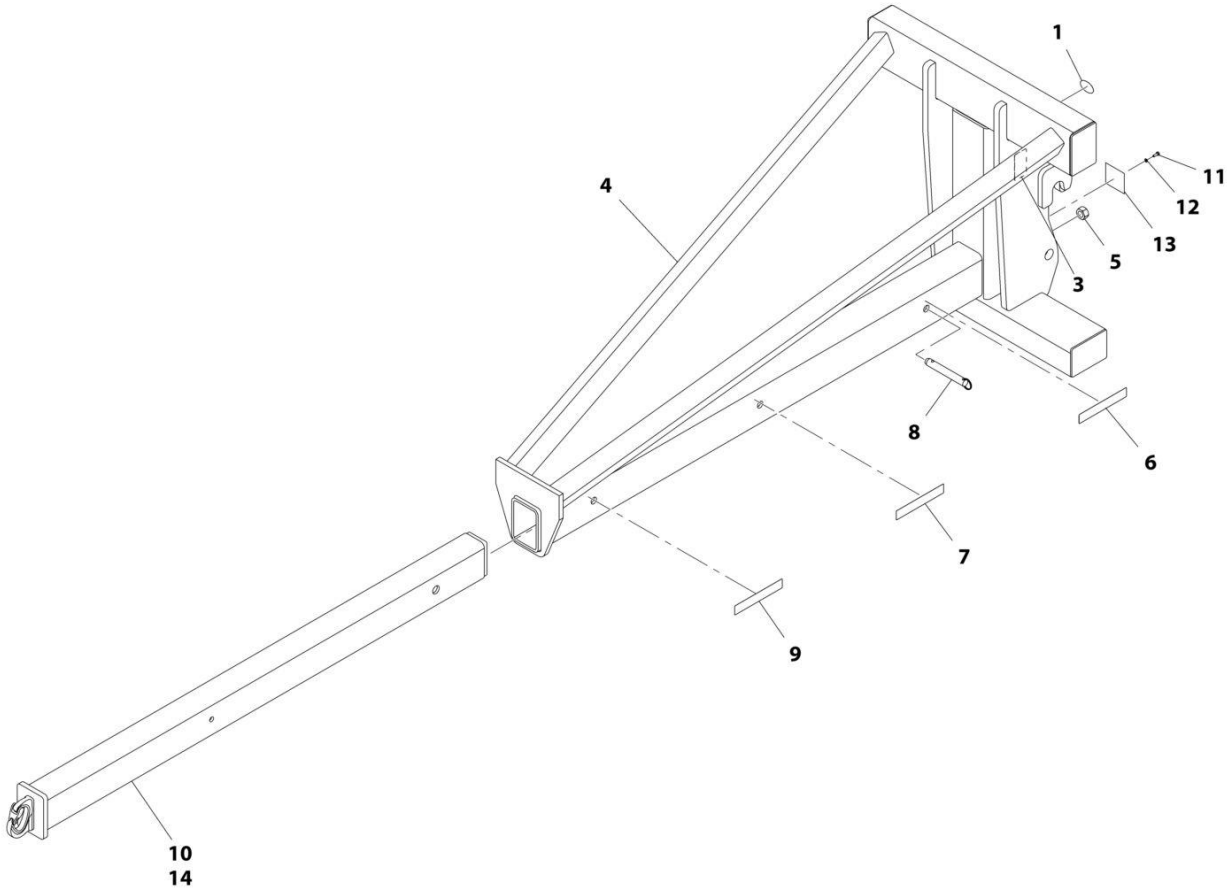


FIGURE 3-5. BOOM - ADJUSTABLE (CARRIAGE MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176515	Ref	ADJUSTABLE TRUSS BOOM	C
1	90554016	1	Decal, Made in USA	
3	See Note	NSS	S/N Plate (Note: Stamped Part - Not Available for Purchase)	
4	See Note	NSS	Truss Boom (Note: Purchase Complete Assembly)	
5	70021440	1	Nut	
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)

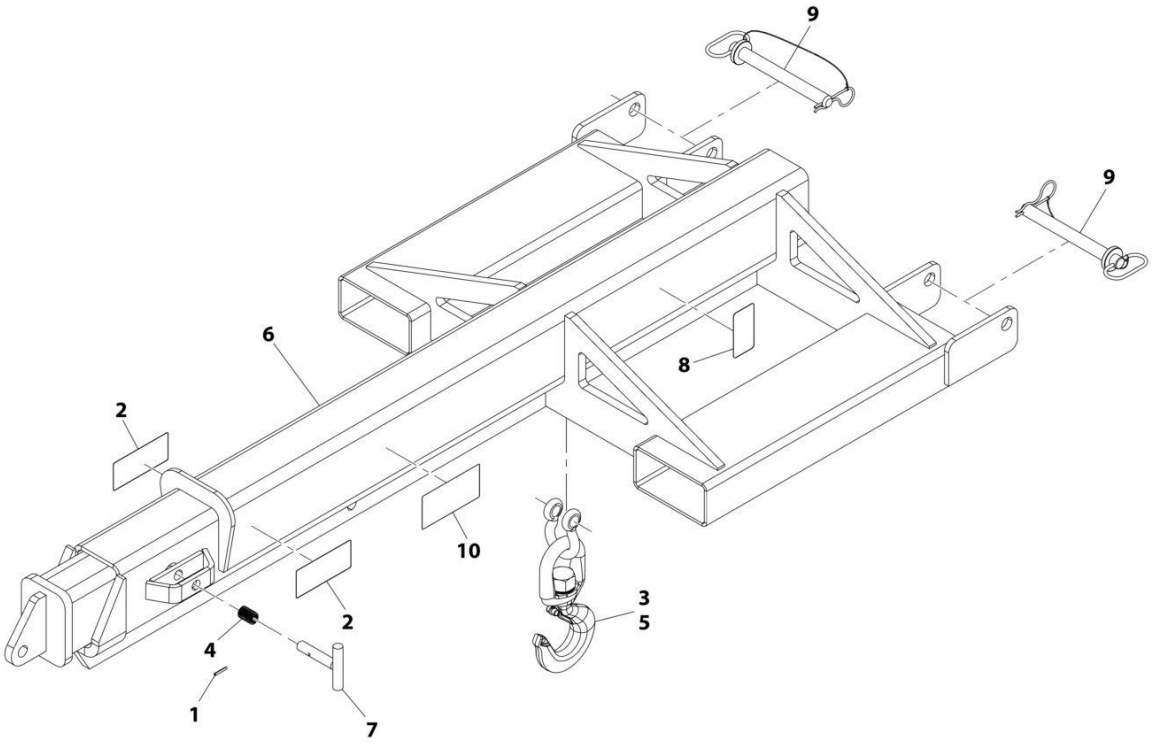


FIGURE 3-6. BOOM - ADJUSTABLE (FORK MOUNTED)

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

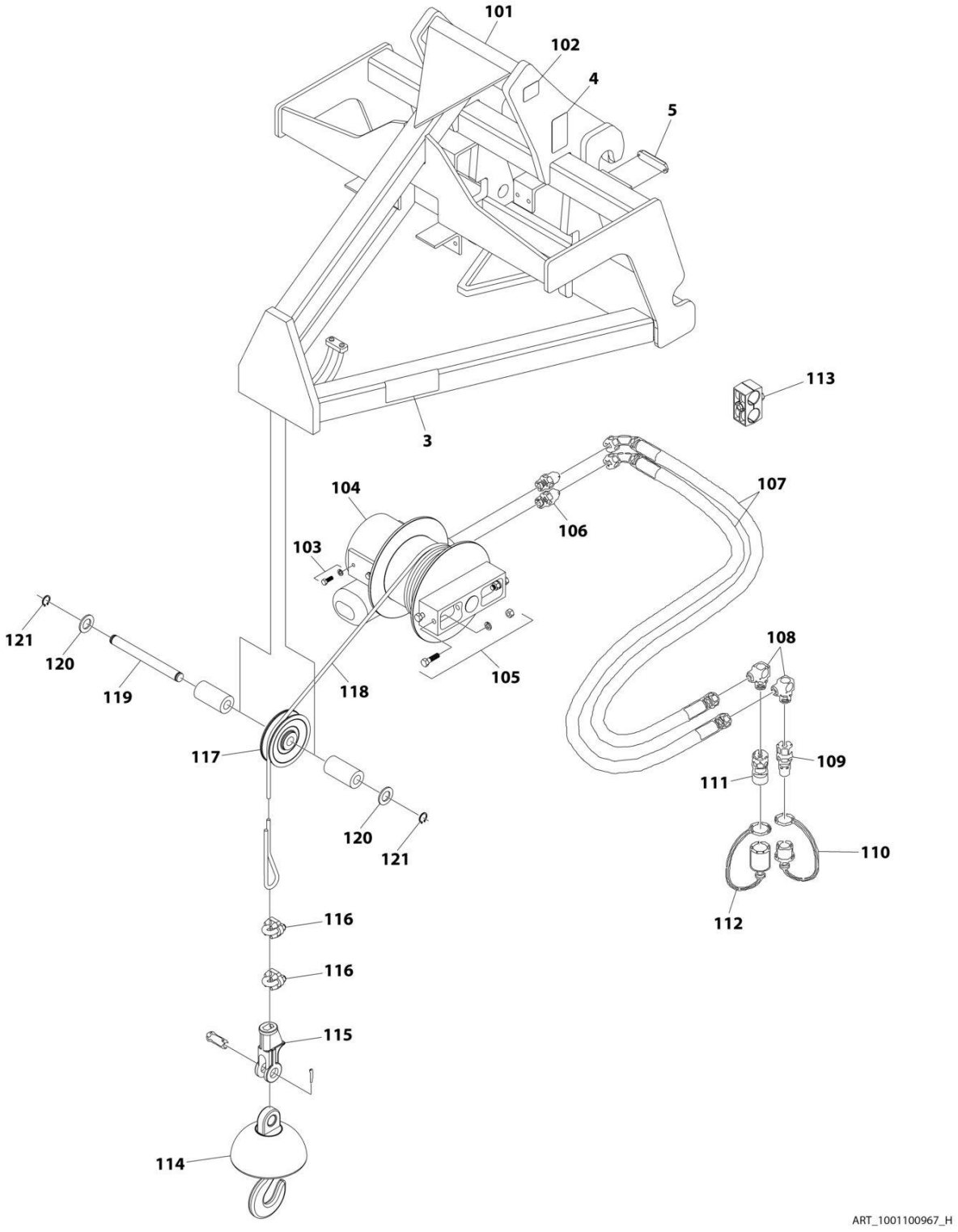


FIGURE 3-7. BOOM - 3FT WITH WINCH

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

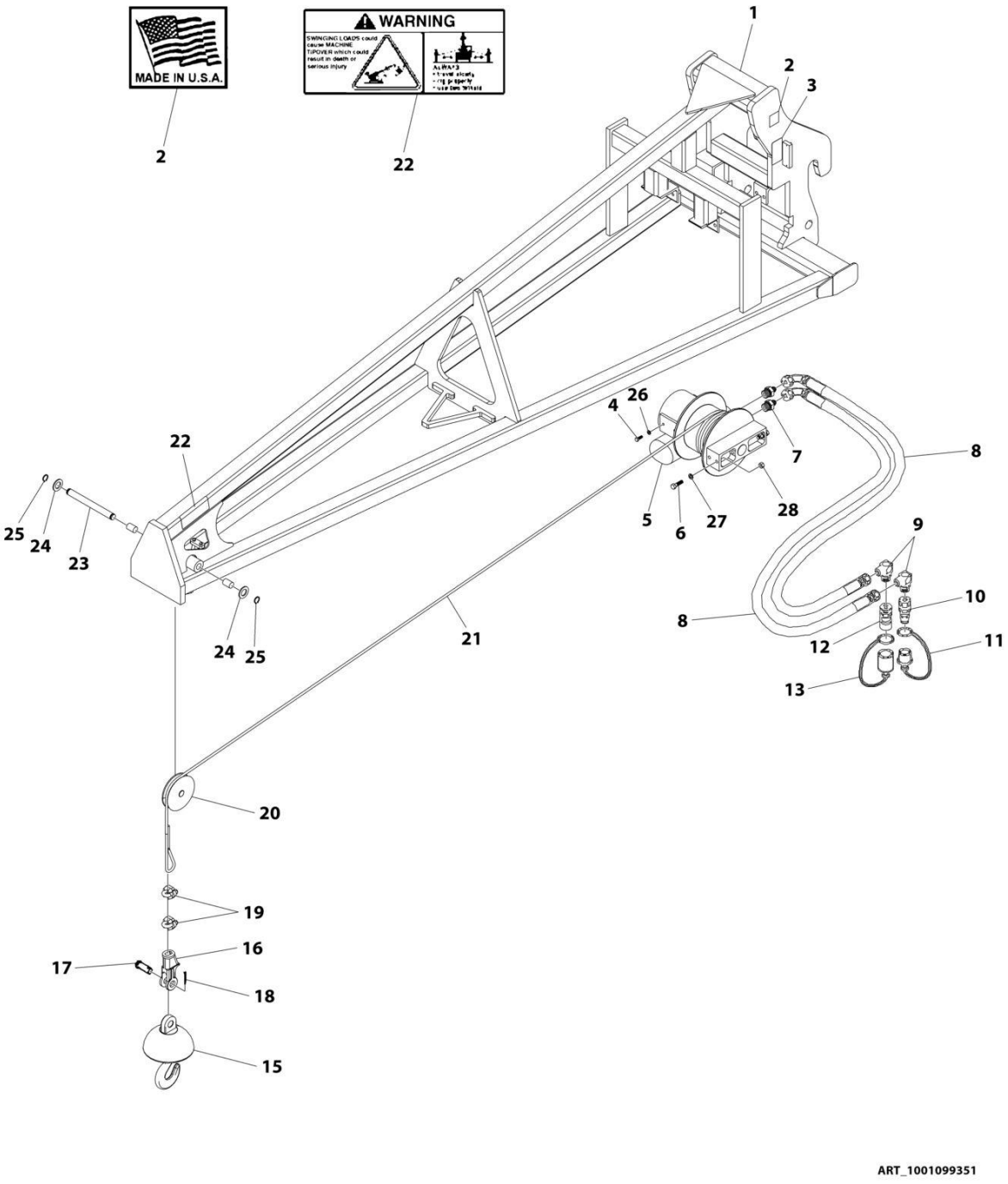


FIGURE 3-8. BOOM - 12FT WITH WINCH

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

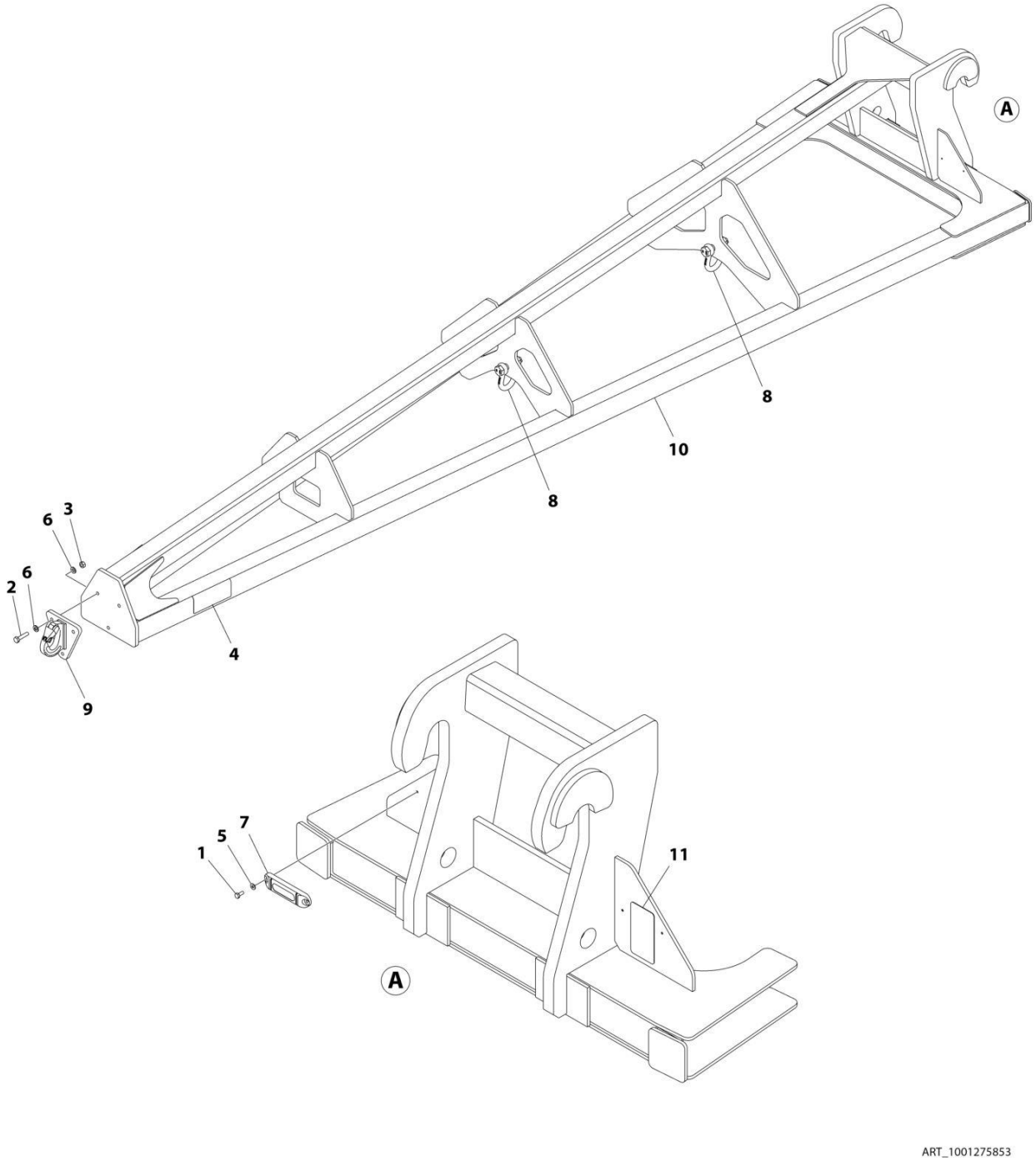


FIGURE 3-9. BOOM - 12FT WITHOUT WINCH

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

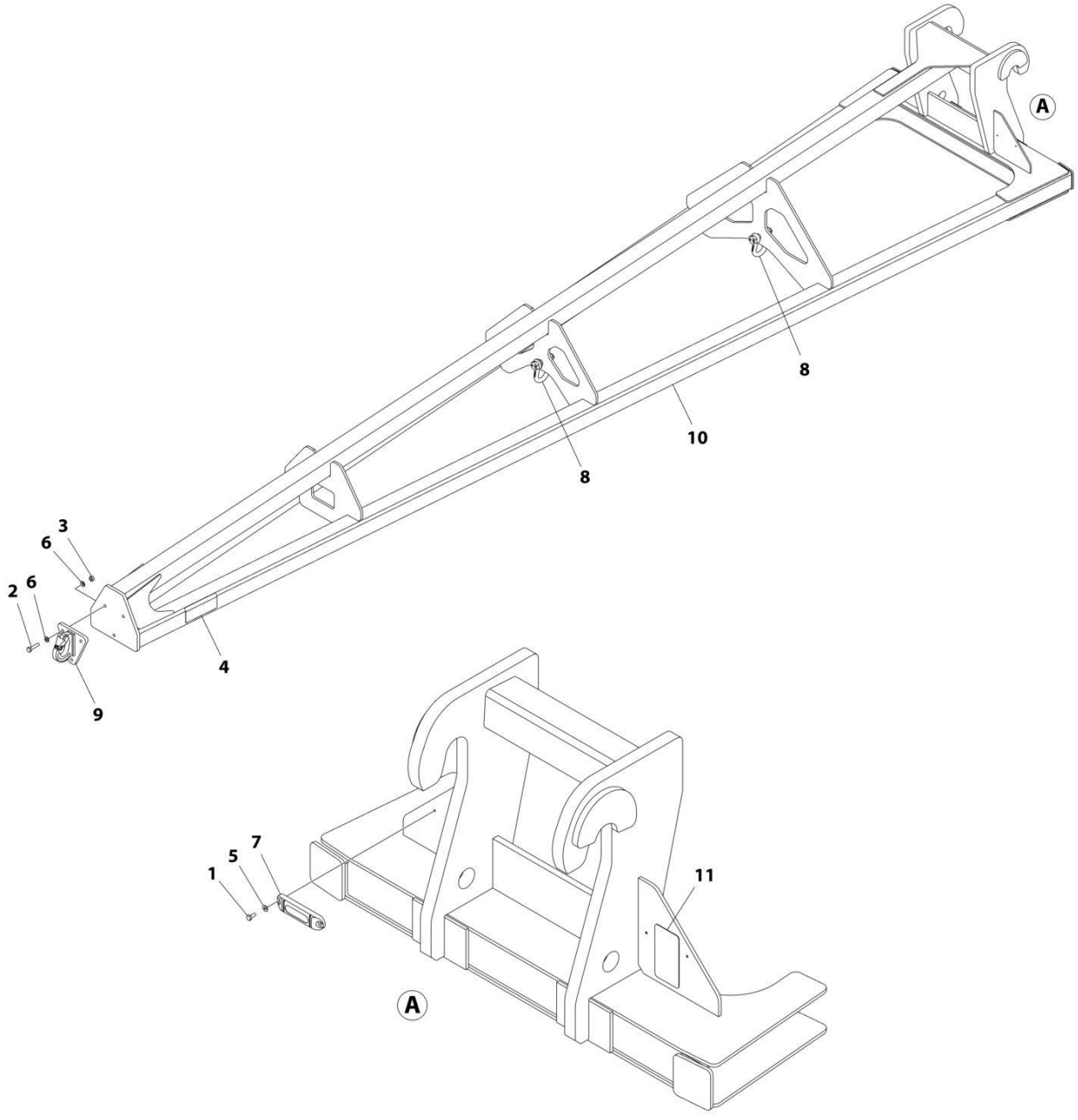


FIGURE 3-10. BOOM - 15FT WITHOUT WINCH

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)

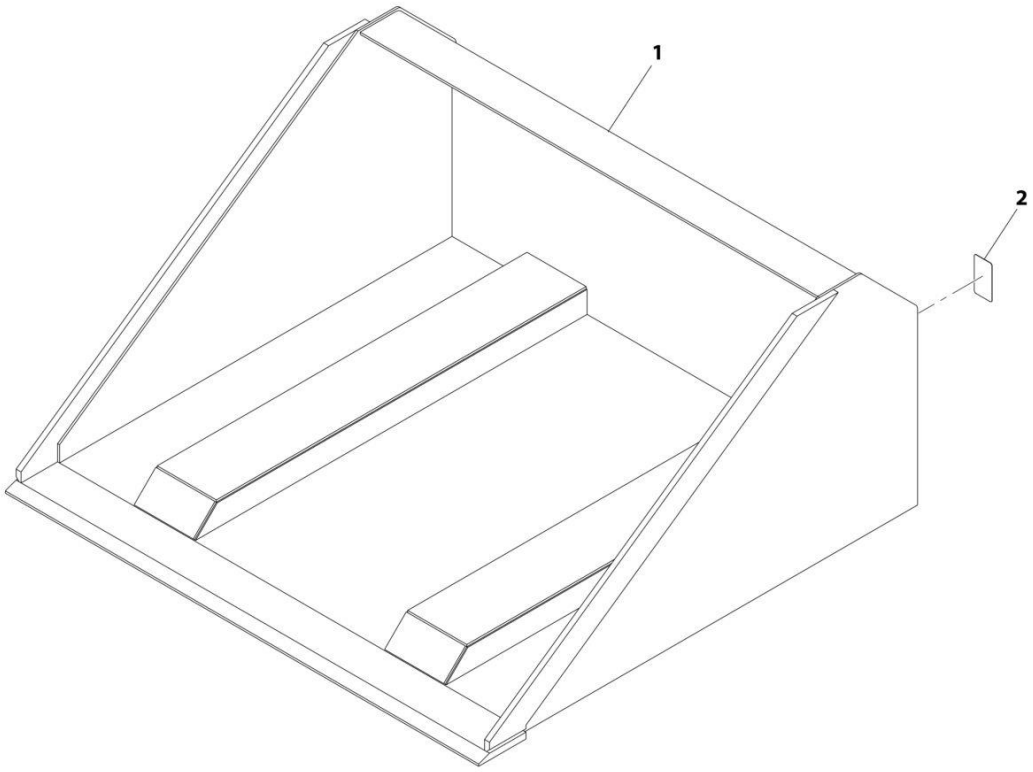


FIGURE 3-11. BUCKET - 60IN (1.3 CU YD) (FORK MOUNTED)

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)

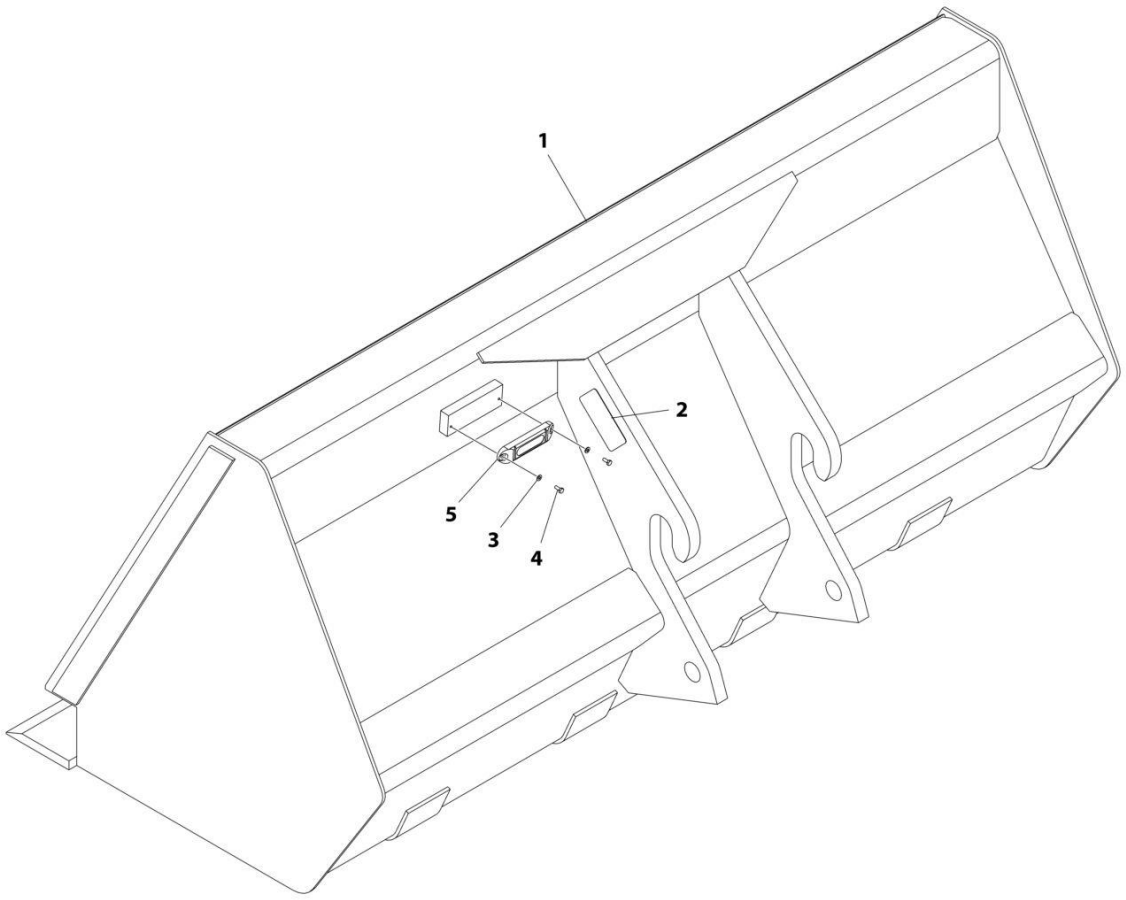


FIGURE 3-12. BUCKET - 72IN (1.0 CU YD)

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)

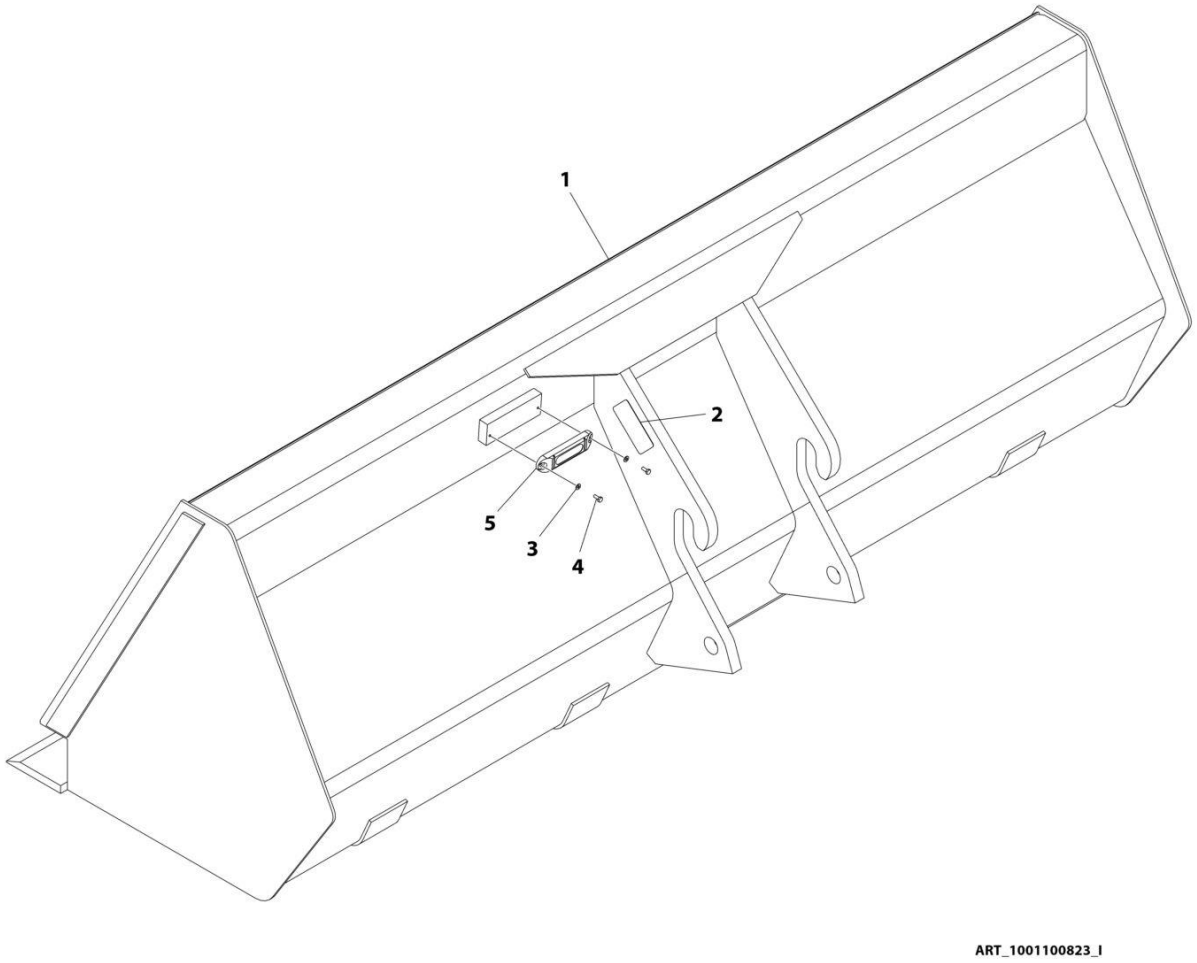


FIGURE 3-13. BUCKET - 96IN (1.5 CU YD)

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

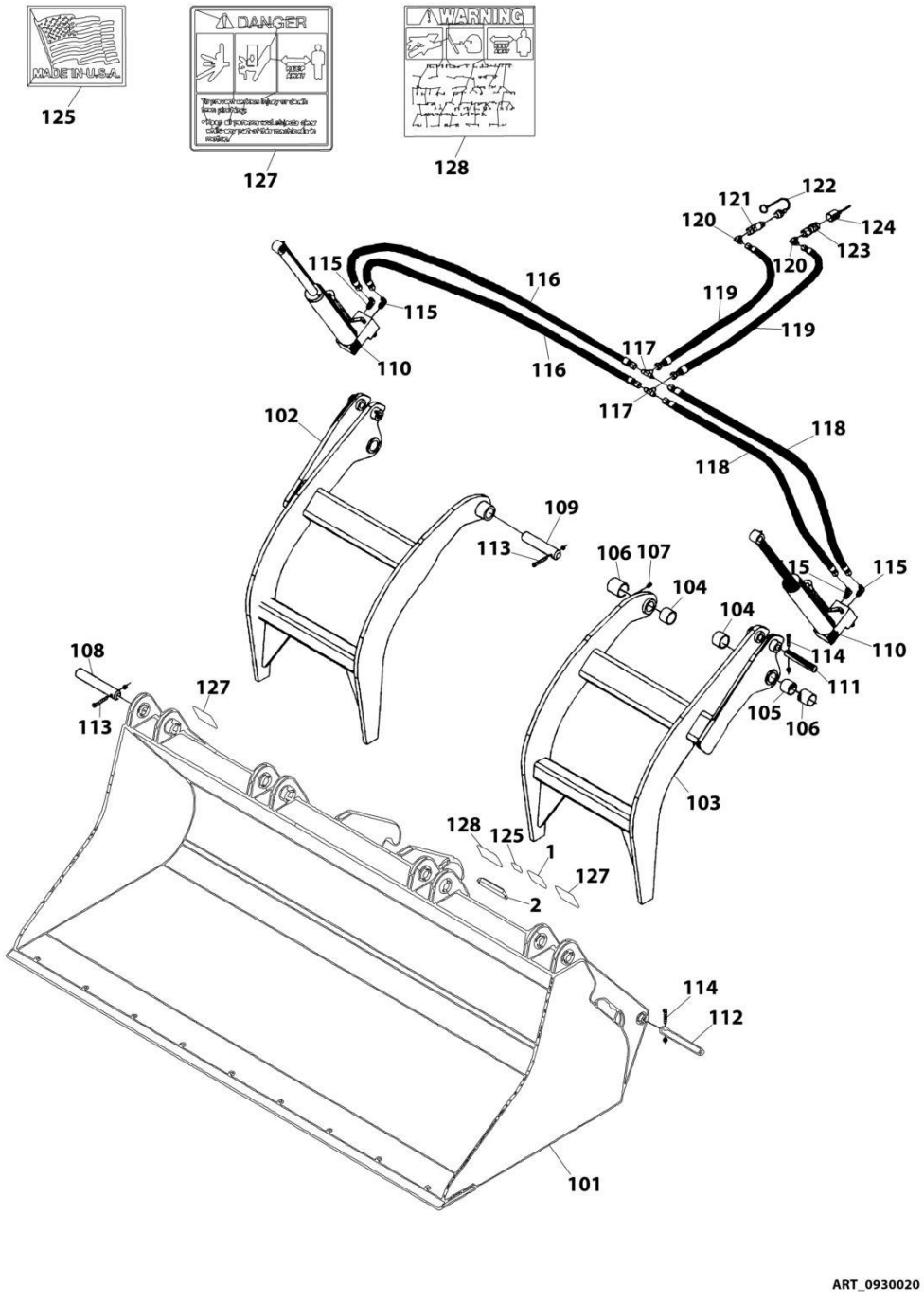


FIGURE 3-14. BUCKET - 96IN GRAPPLE

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)

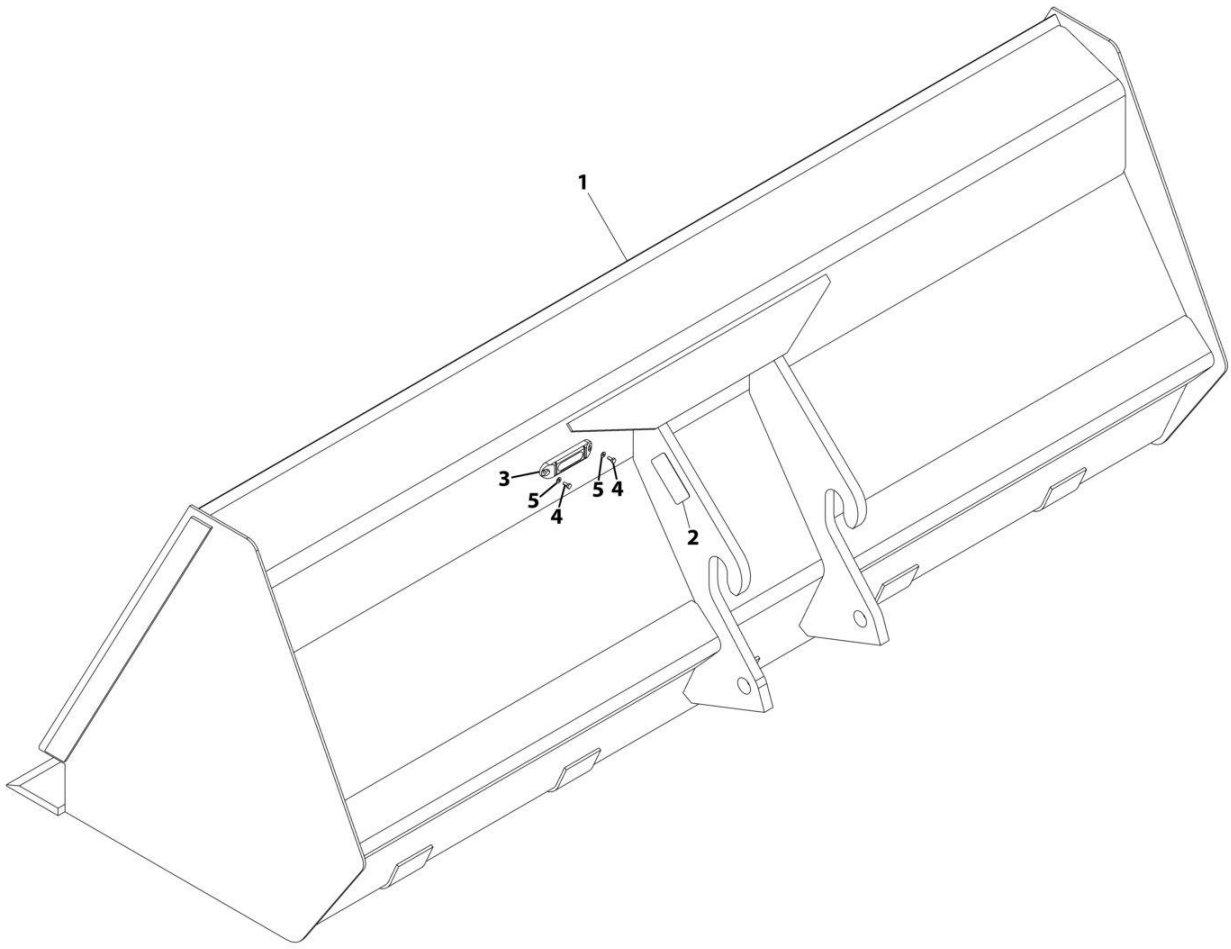


FIGURE 3-15. BUCKET - 102IN (2.0 CU YD)

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

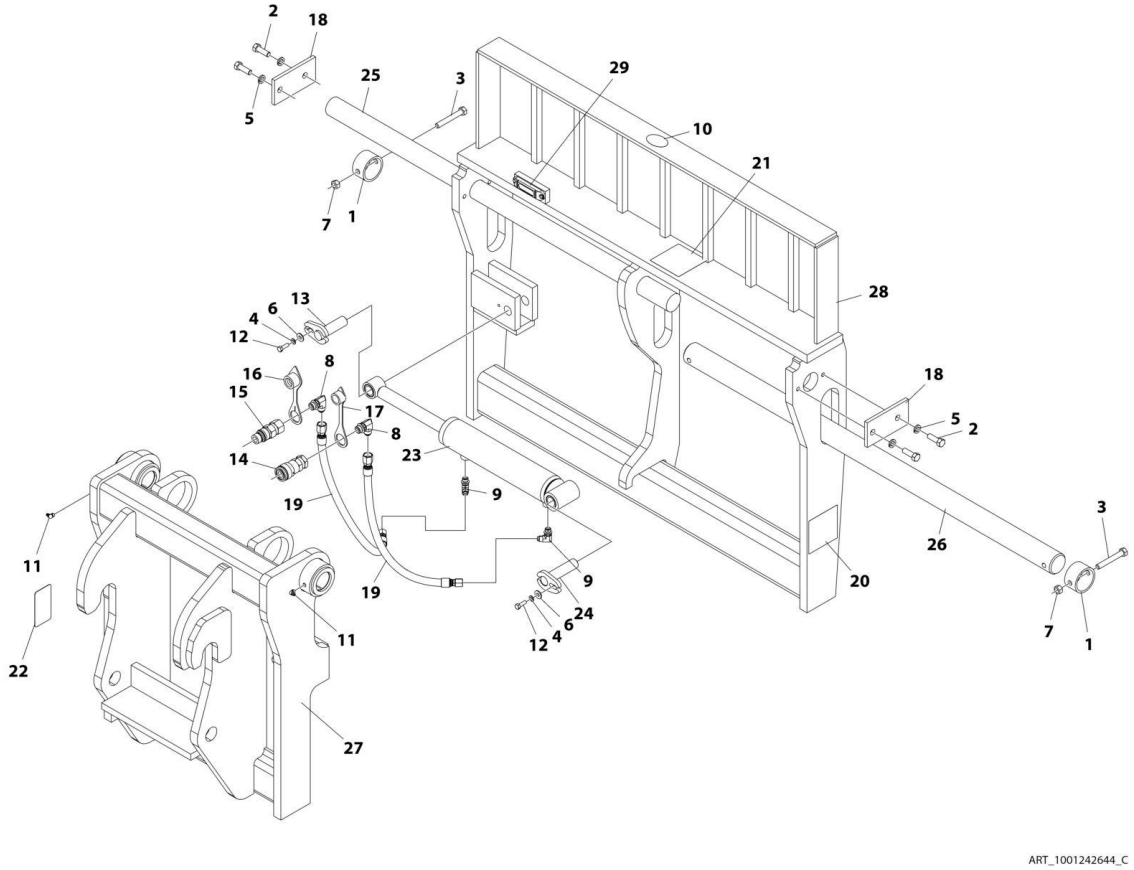


FIGURE 3-16. CARRIAGE ASSEMBLY - 48IN/12000# CAPACITY SIDE SHIFT

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/10000# CAPACITY DUAL FORK POSITIONING

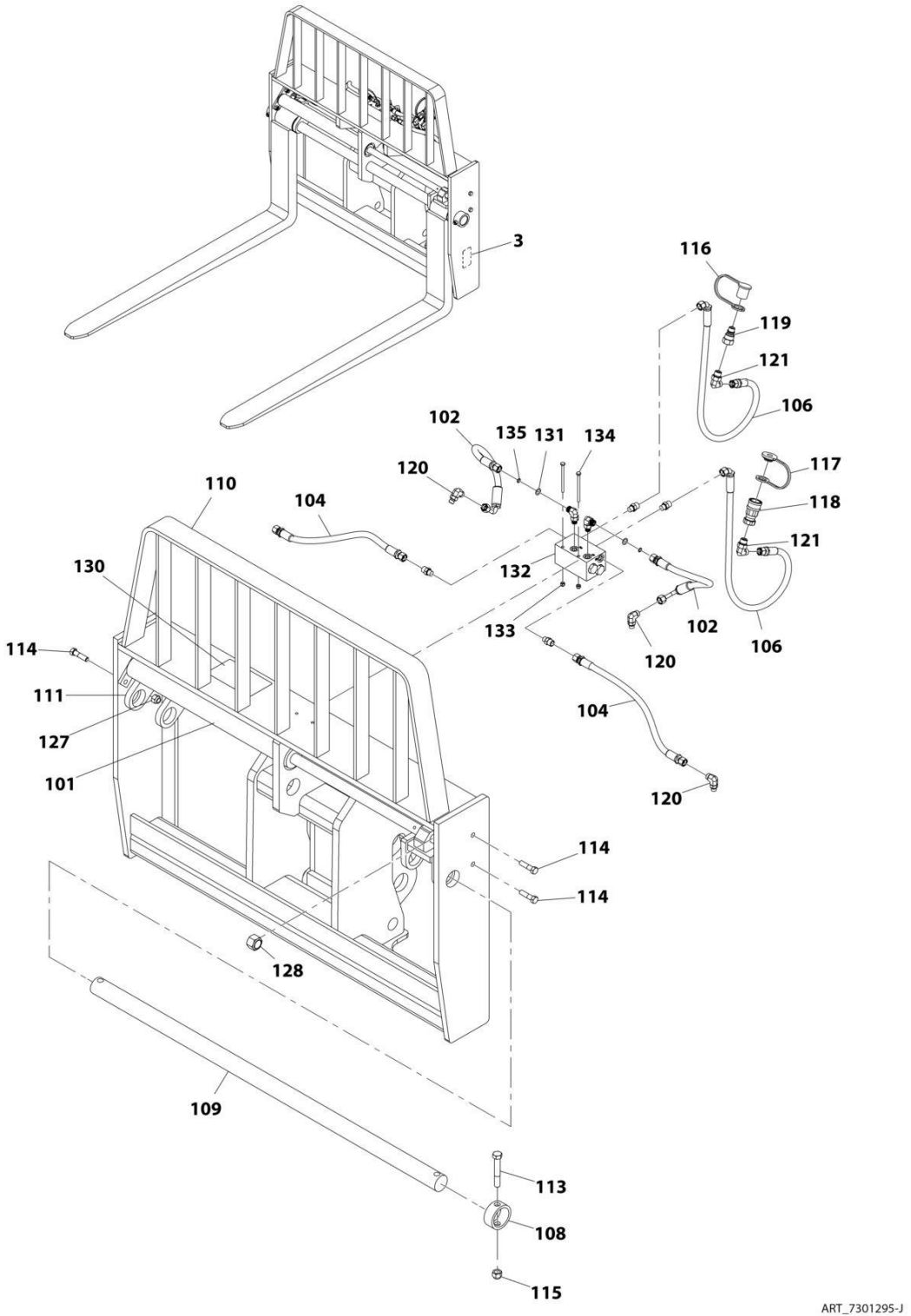


FIGURE 3-17. CARRIAGE ASSEMBLY - 50IN/10000# CAPACITY DUAL FORK POSITIONING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7301295	Ref	FORK POSITIONING CARRIAGE (4.5 TON)	J
3	N.S.S.	1	S/N Plate	
101	2717283	2	Cylinder, Fork Positioning (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
102	2717160	2	Hose	
104	2717161	2	Hose	
106	2717162	1	Hose 36in (Boom Front Disconnect)	
106	70031443	1	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 3-18. CARRIAGE ASSEMBLY - 50IN/12000# CAPACITY STANDARD

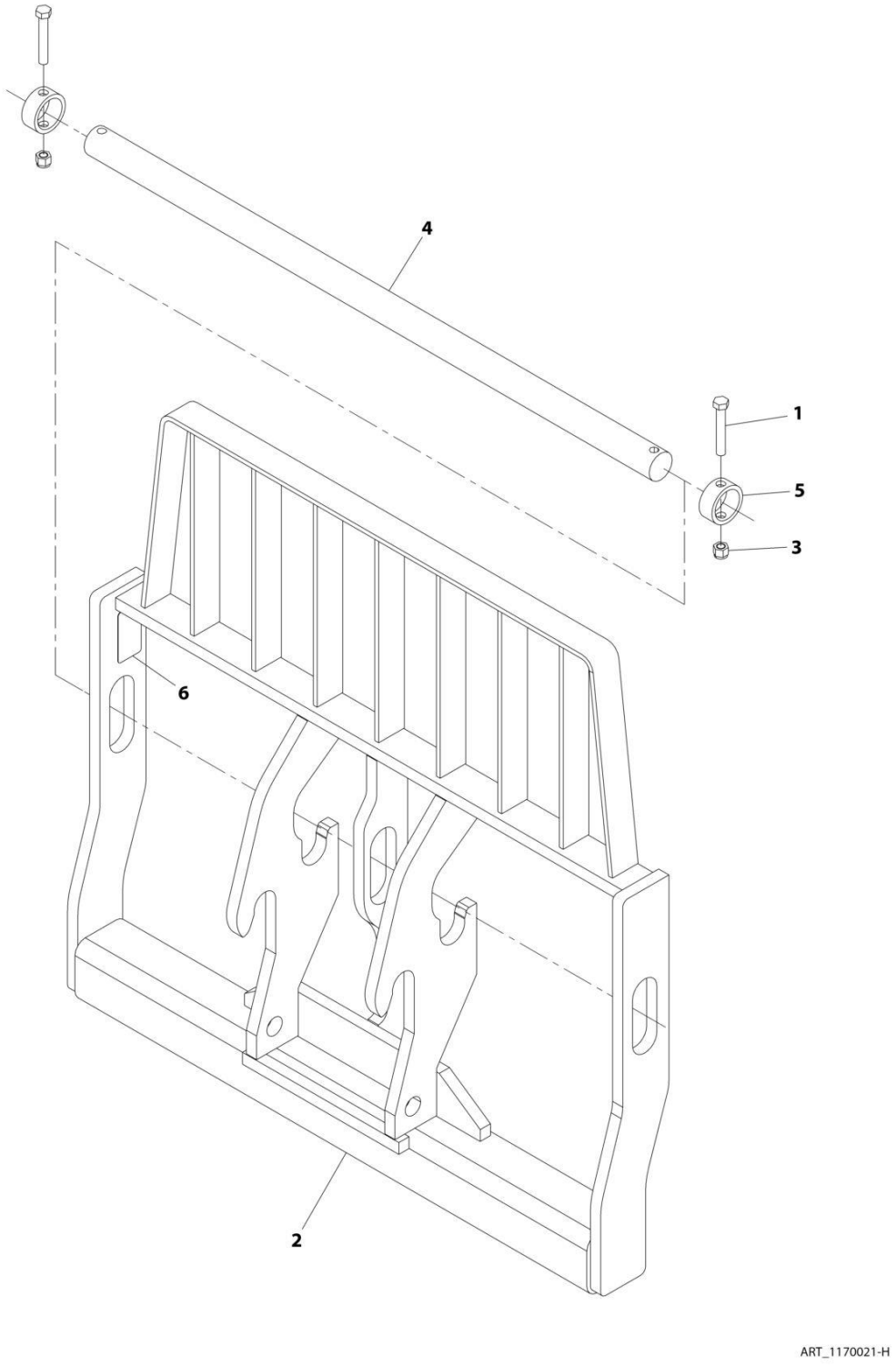


FIGURE 3-18. CARRIAGE ASSEMBLY - 50IN/12000# CAPACITY STANDARD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1170021	Ref	Carriage Assembly (50 INCH)	H
1	0642032	2	Bolt, 5/8-11X4	
2	1170012	1	Weldment, Carriage	
3	3300240	2	Nut, Lock 5/8-11	
4	3423275	1	Pin, Fork	
5	90200003	2	Collar, Fork Pin	
6	See Note	NSS	S/N Plate (Note: Stamped Part - Not Available for Purchase)	

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

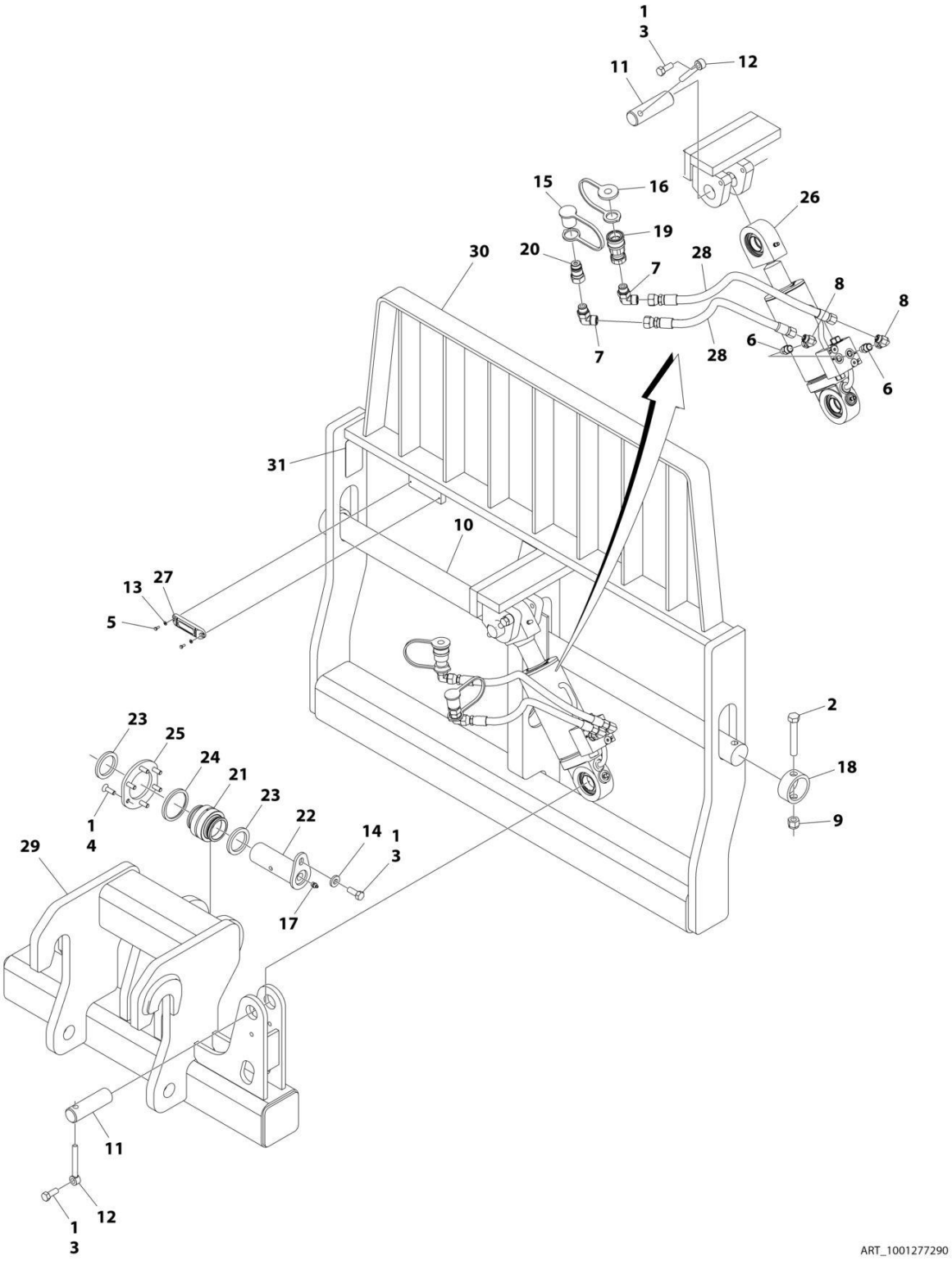


FIGURE 3-19. CARRIAGE ASSEMBLY - 50IN/12000# CAPACITY SIDE TILT

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/12000# CAPACITY STANDARD

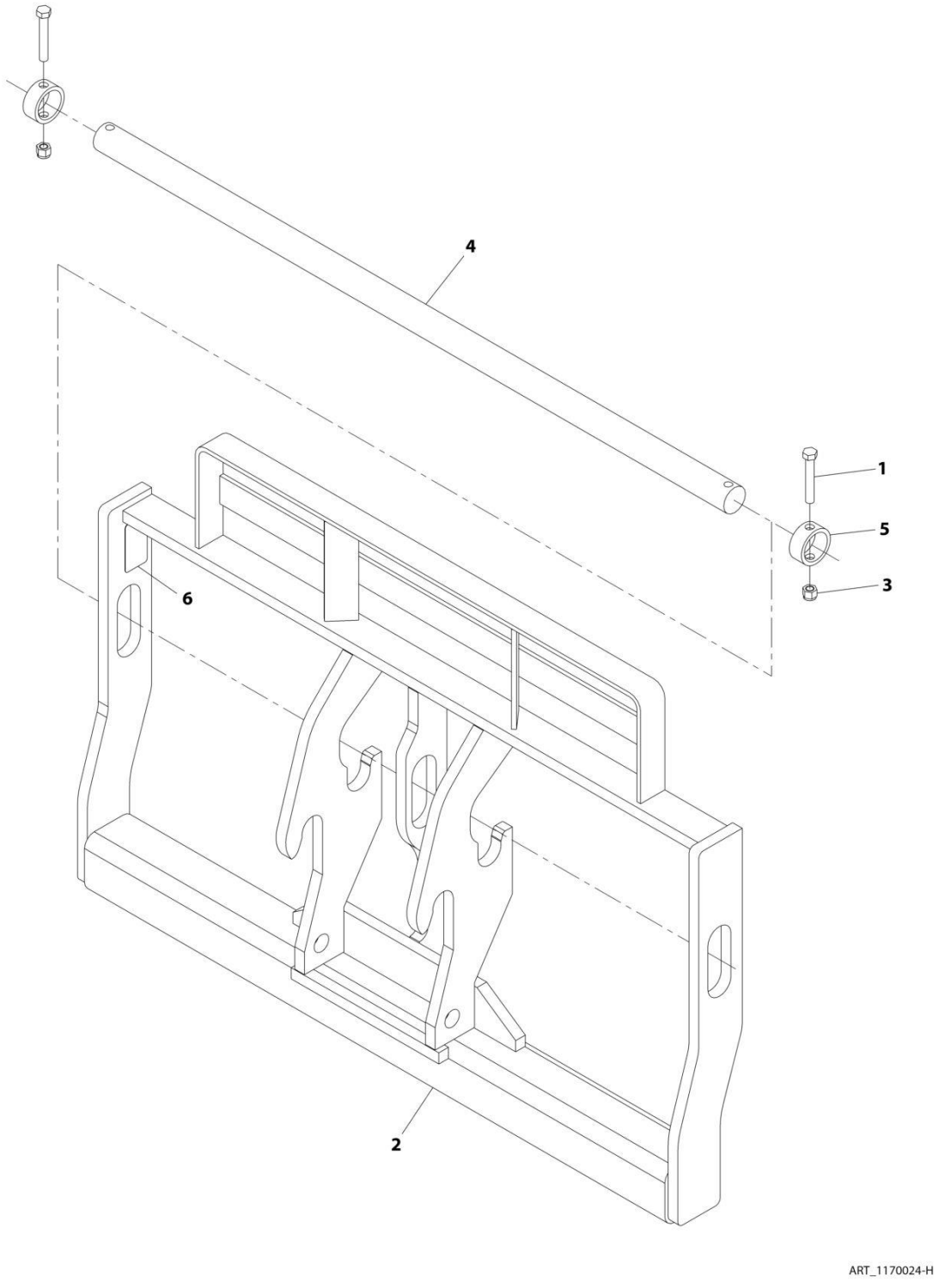


FIGURE 3-20. CARRIAGE ASSEMBLY - 60IN/12000# CAPACITY STANDARD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1170024	Ref	Carriage Assembly (1524 MM)	H
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	S/N Plate (Note: Stamped Part - Not Available for Purchase)	

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

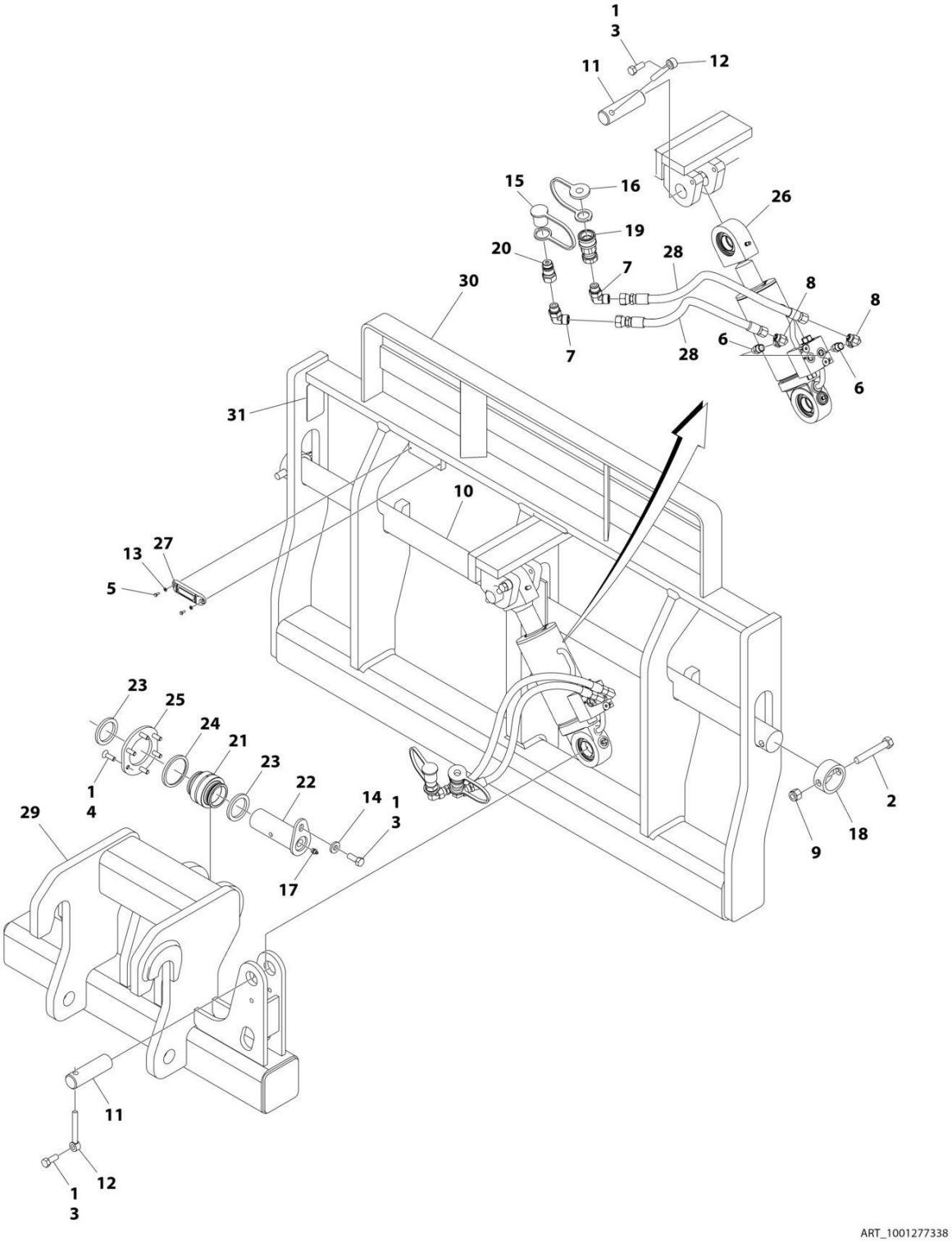


FIGURE 3-21. CARRIAGE ASSEMBLY - 60IN/12000# CAPACITY SIDE TILT

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/10000# CAPACITY 90 DEGREE SWING

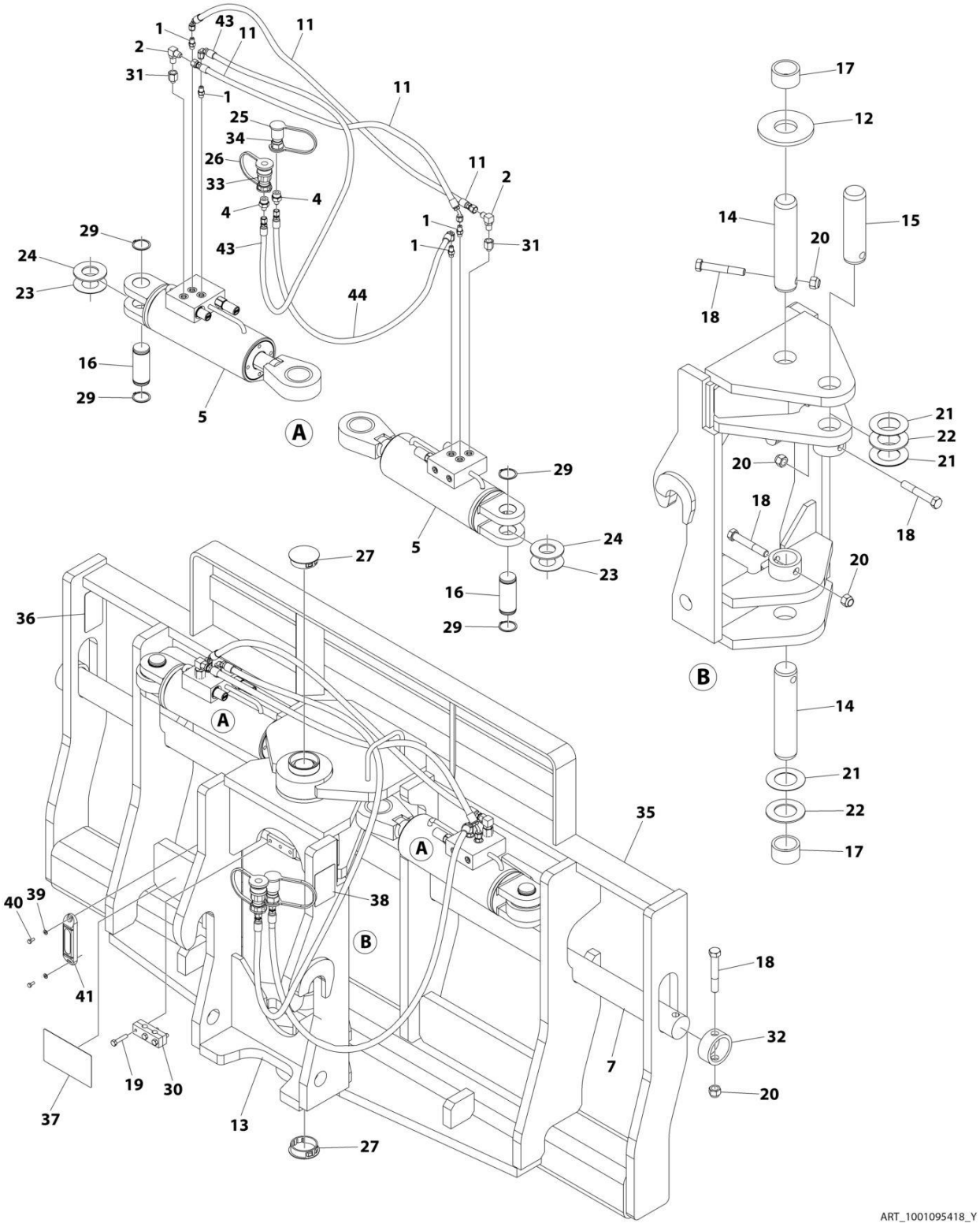


FIGURE 3-22. CARRIAGE ASSEMBLY - 72IN/10000# CAPACITY 90 DEGREE SWING

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 3-23. CARRIAGE ASSEMBLY - 72IN/12000# CAPACITY SIDE TILT

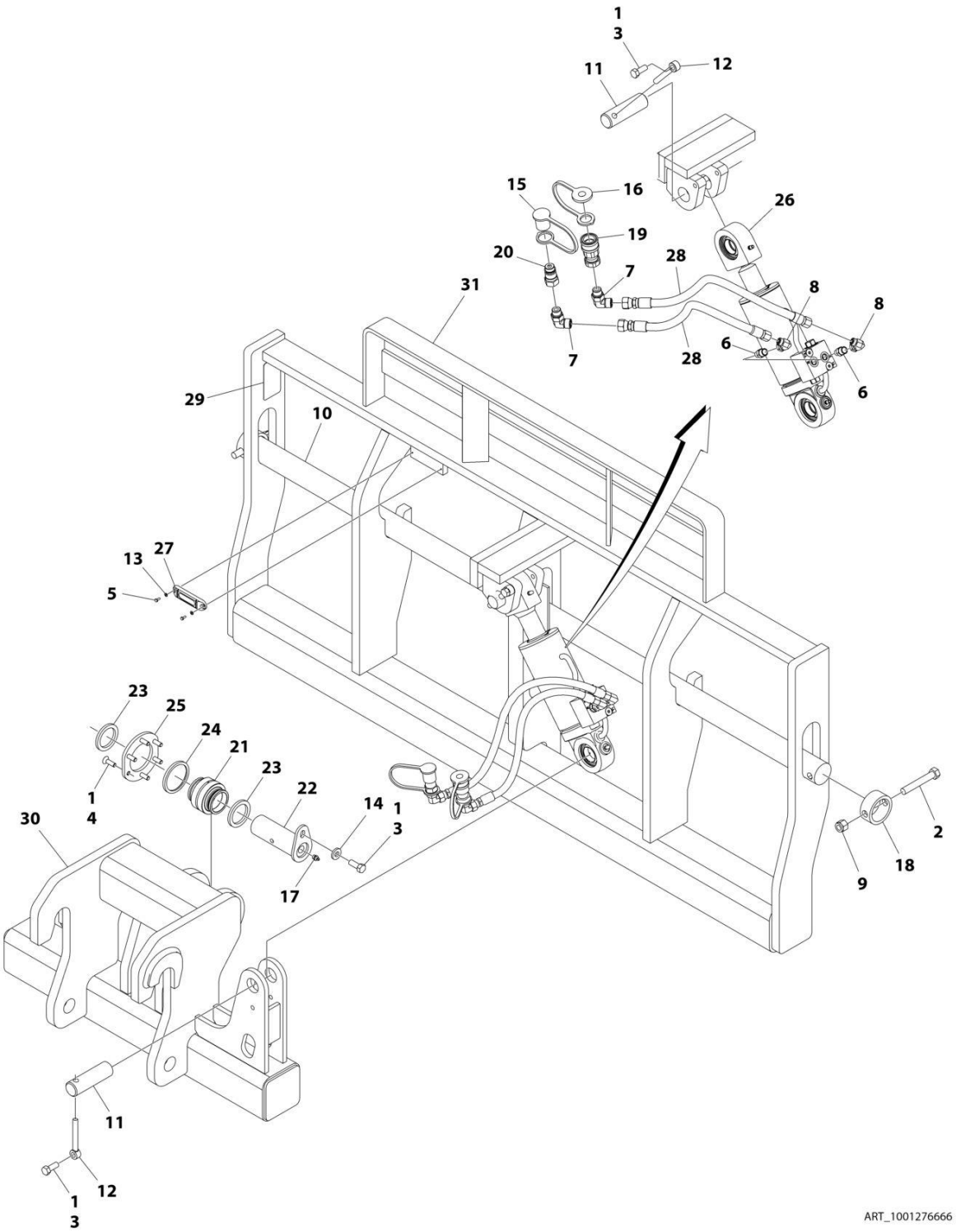


FIGURE 3-23. CARRIAGE ASSEMBLY - 72IN/12000# CAPACITY SIDE TILT

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 3-24. CARRIAGE ASSEMBLY - 72IN/15000# CAPACITY STANDARD

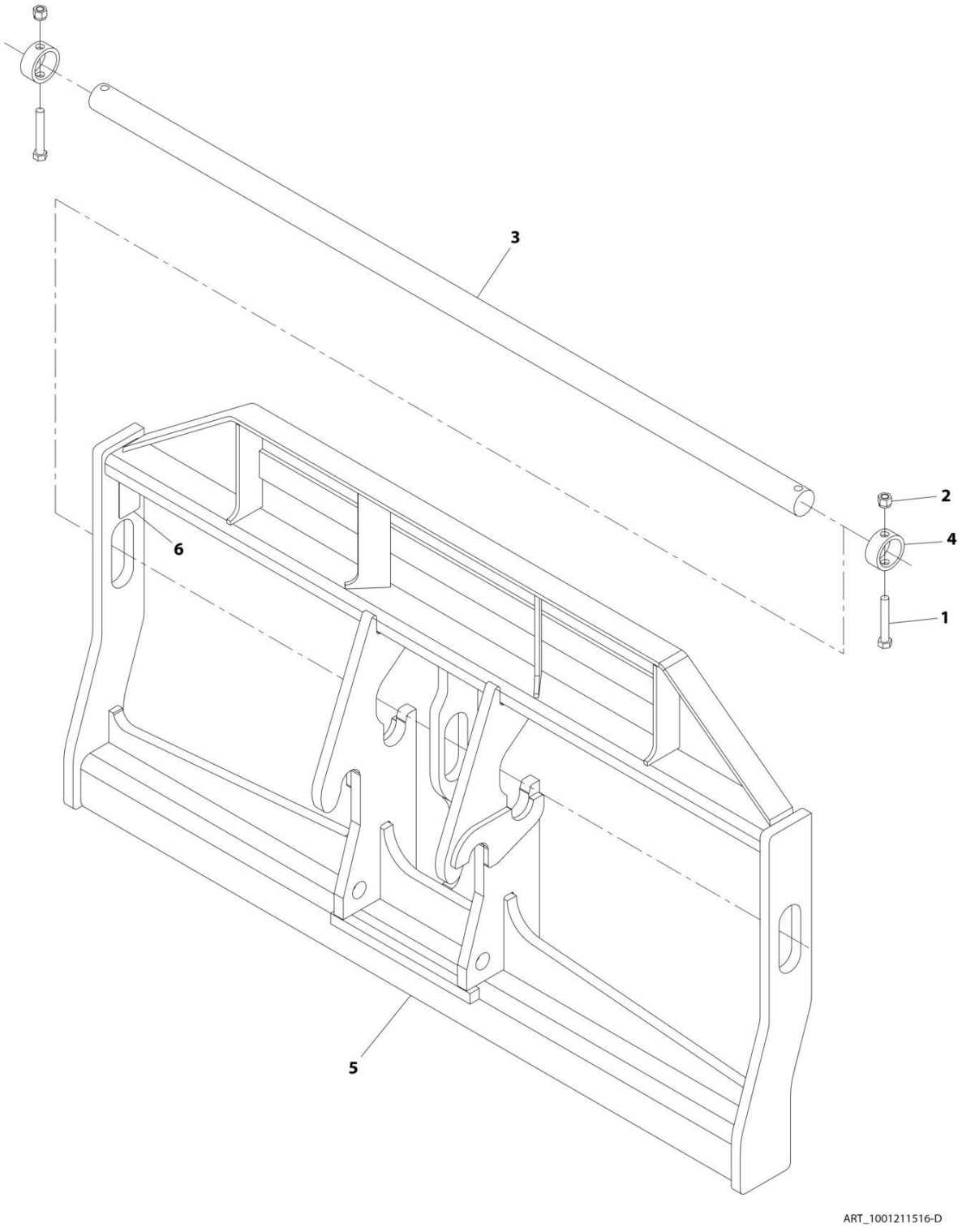


FIGURE 3-24. CARRIAGE ASSEMBLY - 72IN/15000# CAPACITY STANDARD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001211516	Ref	CARRIAGE ASSEMBLY (72 INCH)	D
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	S/N Plate (Note: Stamped Part - Not Available for Purchase)	

FIGURE 3-25. FORK 1.75X7X60 / 5400# CAPACITY

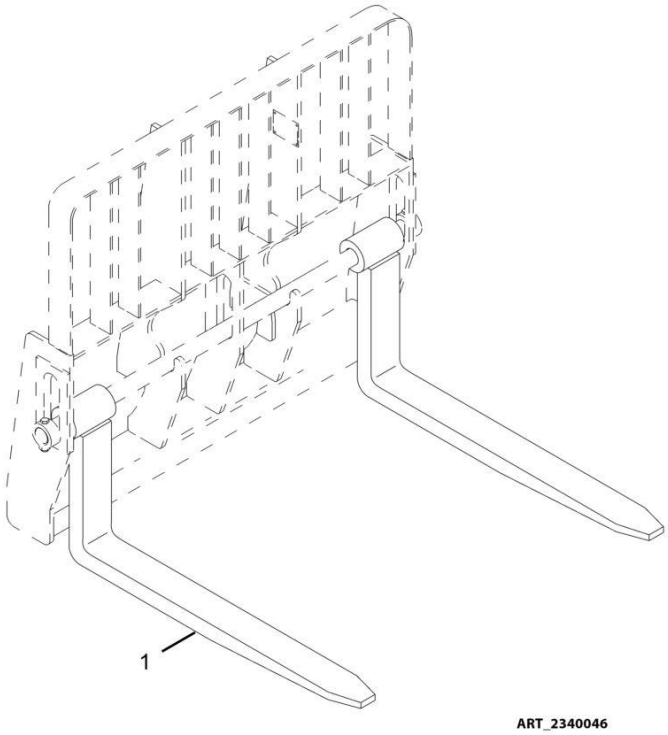


FIGURE 3-25. FORK 1.75X7X60 / 5400# CAPACITY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	2340046	2	Dual Taper Fork (60X7X1.75)	
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 3-26. FORK 2X2X48 / 1940# CAPACITY

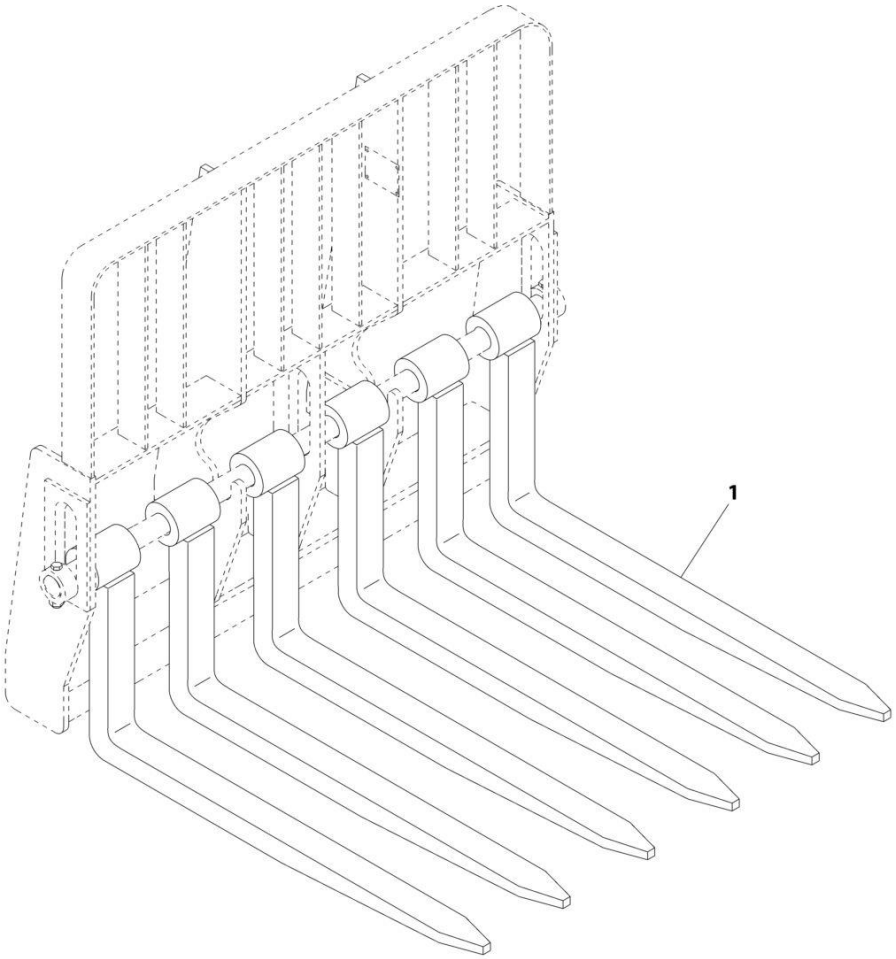


FIGURE 3-26. FORK 2X2X48 / 1940# CAPACITY

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 3-27. FORK 2.00X6X72 / 6610# CAPACITY

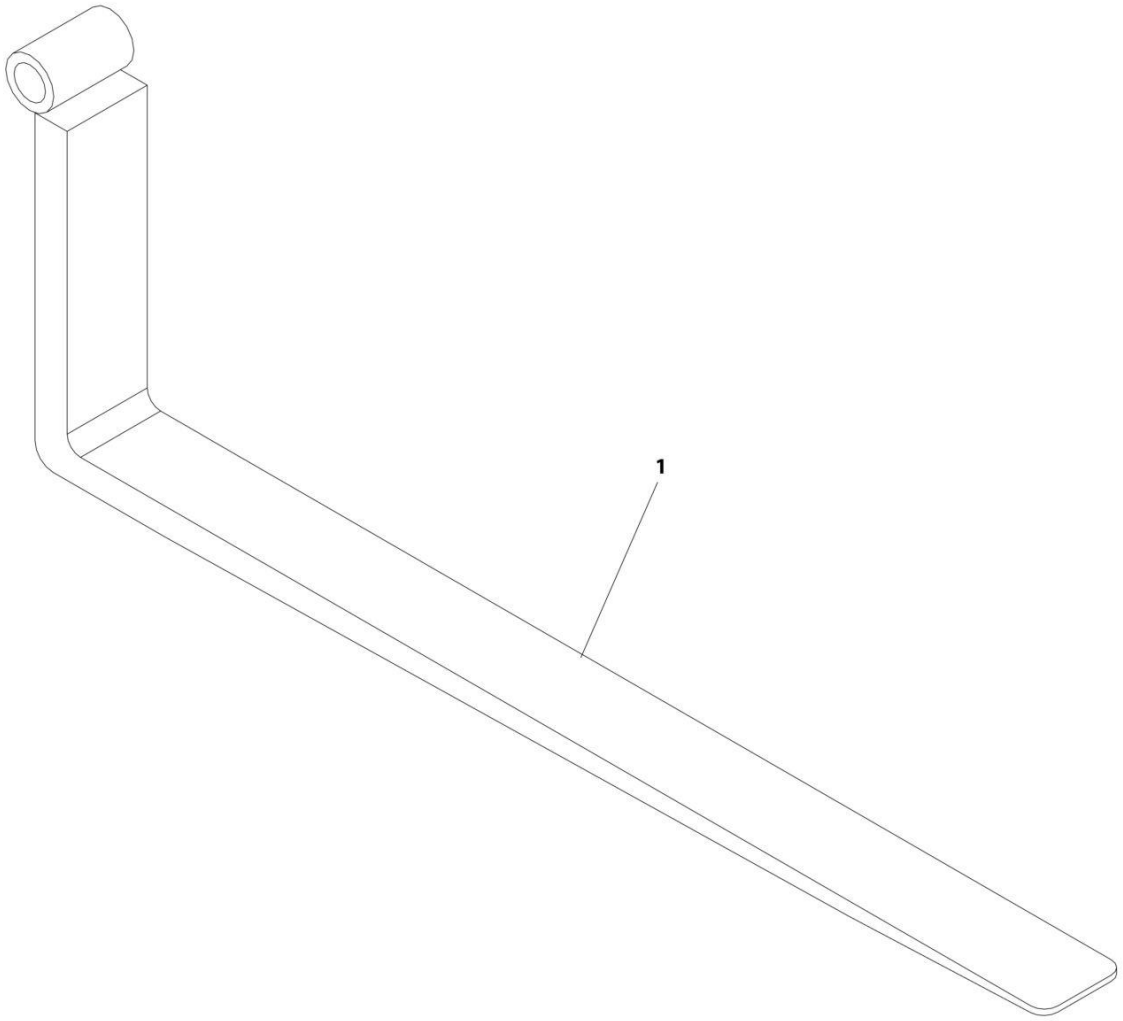


FIGURE 3-27. FORK 2.00X6X72 / 6610# CAPACITY

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 3-28. FORK 2.36X4X48 / 5475# CAPACITY

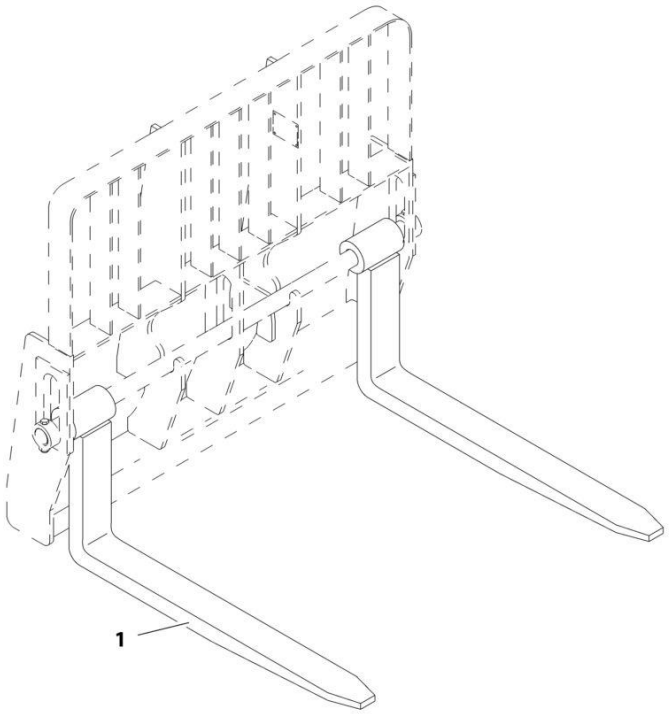


FIGURE 3-28. FORK 2.36X4X48 / 5475# CAPACITY

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 3-29. FORK 2.36X4X48 / 6850# CAPACITY

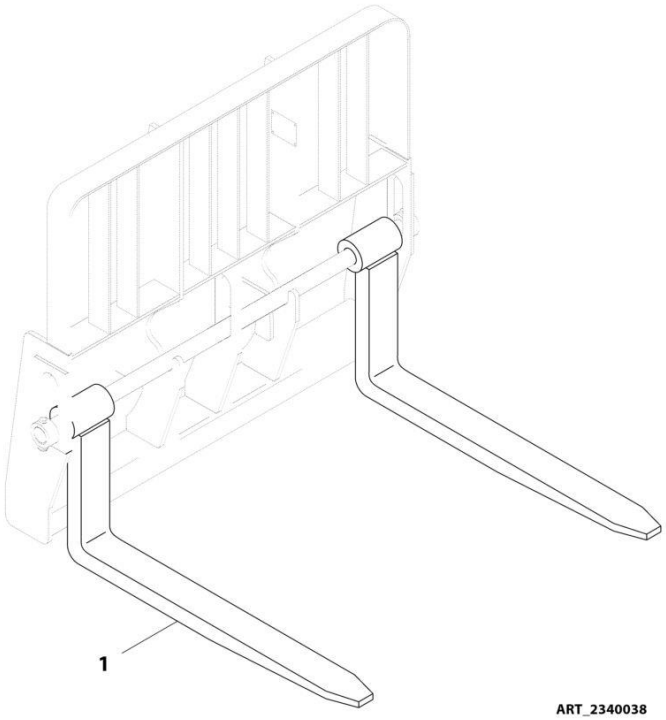


FIGURE 3-29. FORK 2.36X4X48 / 6850# CAPACITY

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 3-30. FORK 2.36X4X60 / 5000# CAPACITY

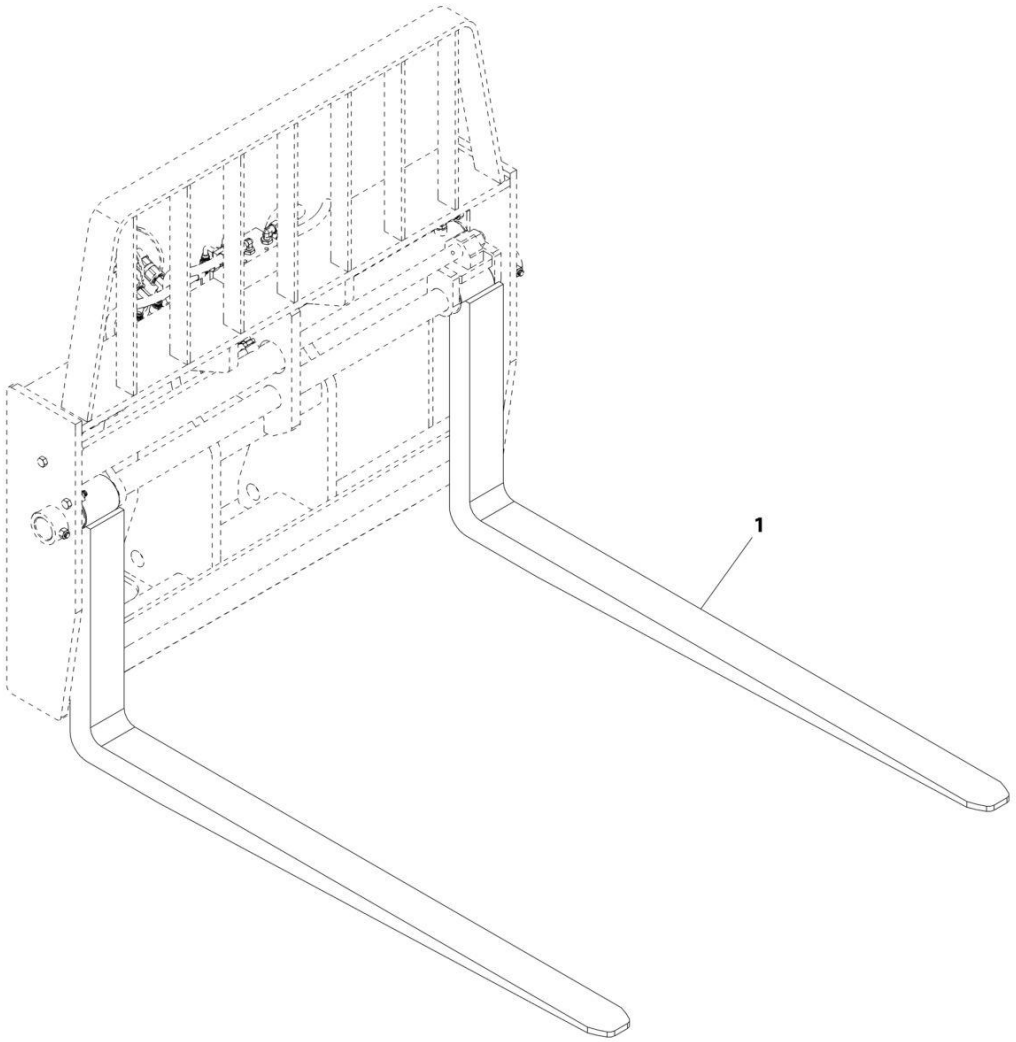


FIGURE 3-30. FORK 2.36X4X60 / 5000# CAPACITY

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 3-31. FORK 2.36X5X48 / 5000# CAPACITY

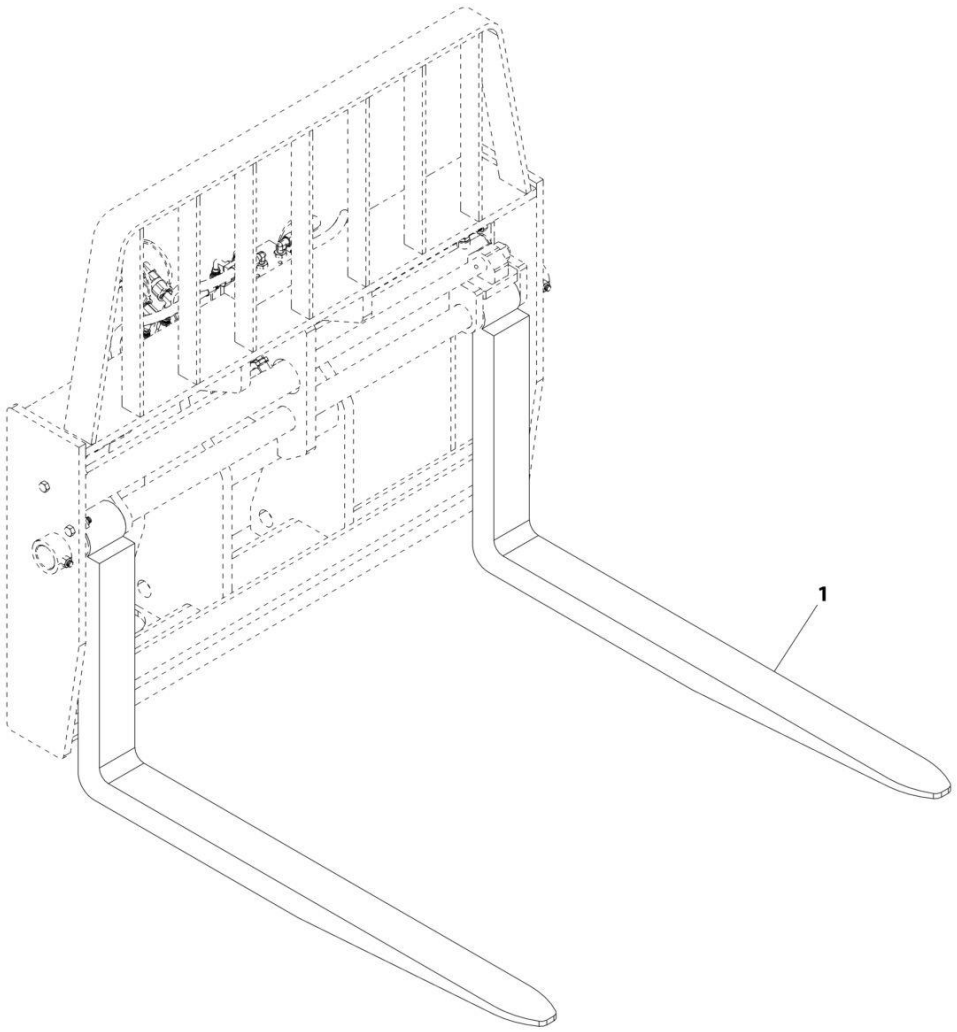


FIGURE 3-31. FORK 2.36X5X48 / 5000# CAPACITY

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 3-32. FORK 2.36X5X60 / 6850# CAPACITY

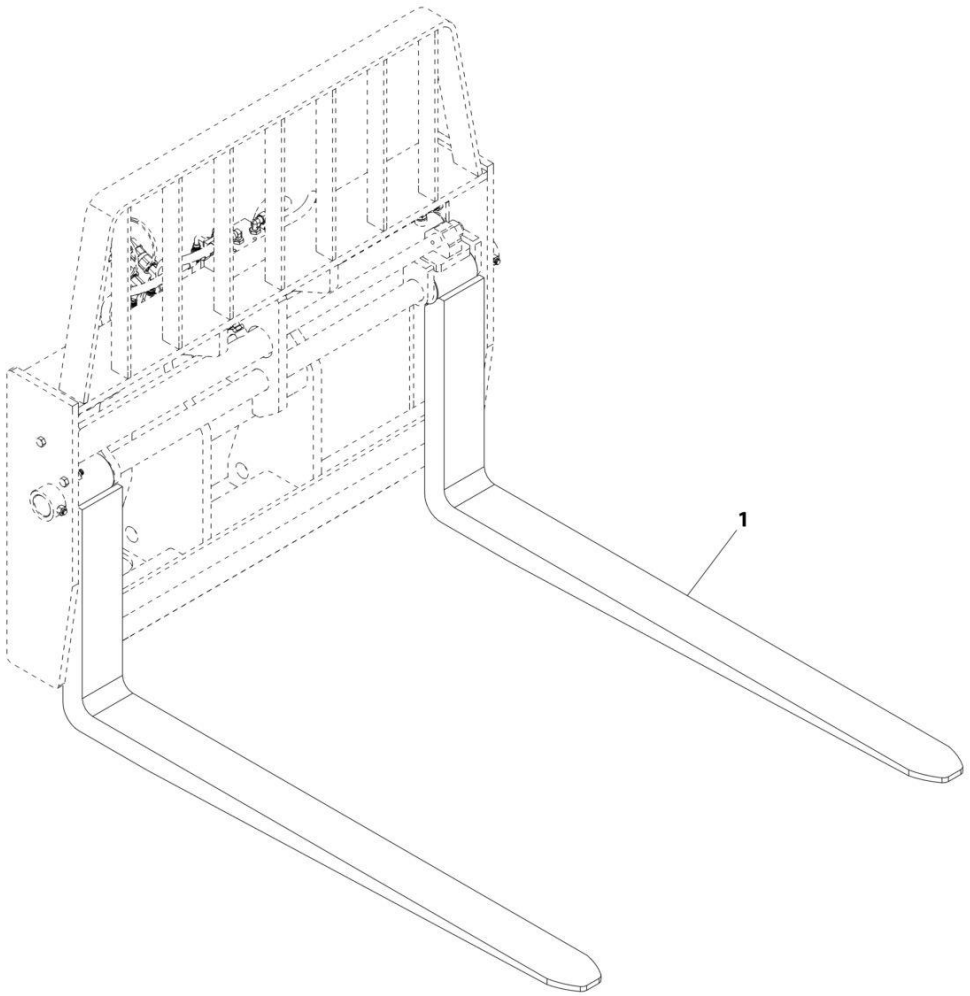
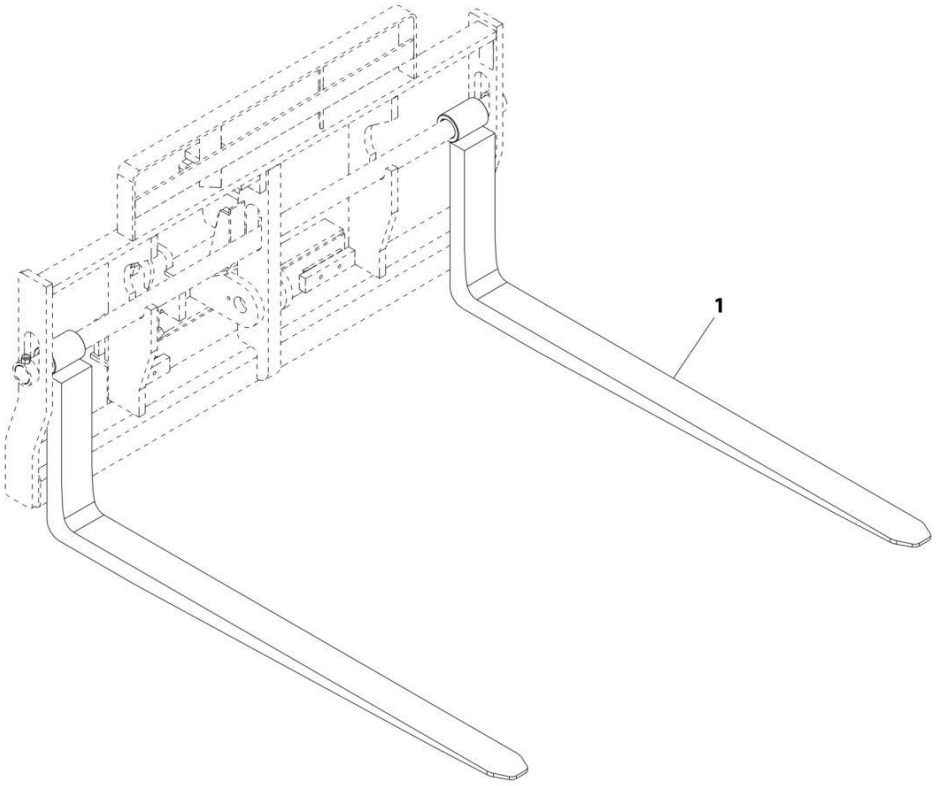


FIGURE 3-32. FORK 2.36X5X60 / 6850# CAPACITY

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 3-33. FORK 2.36X5X72 / 6850# CAPACITY



ART_1001232355

FIGURE 3-33. 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 3-34. FORK 2.36X6X60 / 8150# CAPACITY

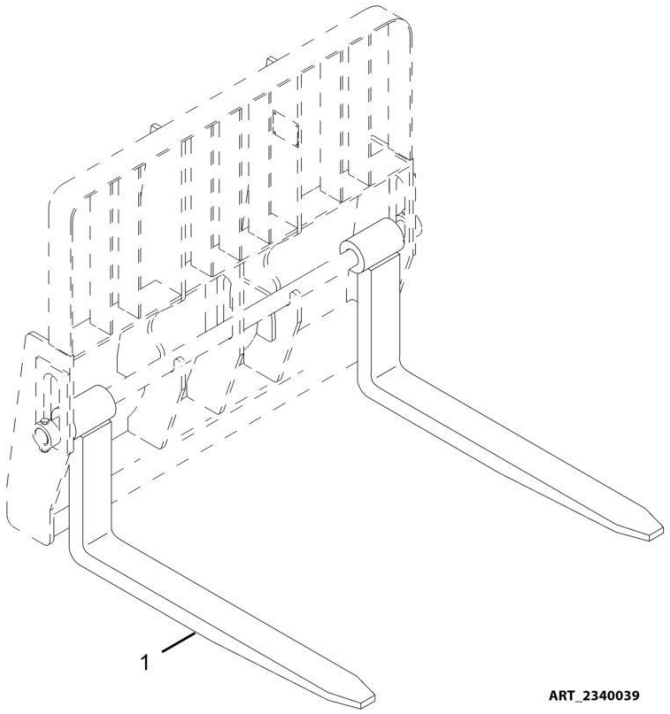


FIGURE 3-34. FORK 2.36X6X60 / 8150# CAPACITY

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 3-35. FORK EXTENSION - 90IN

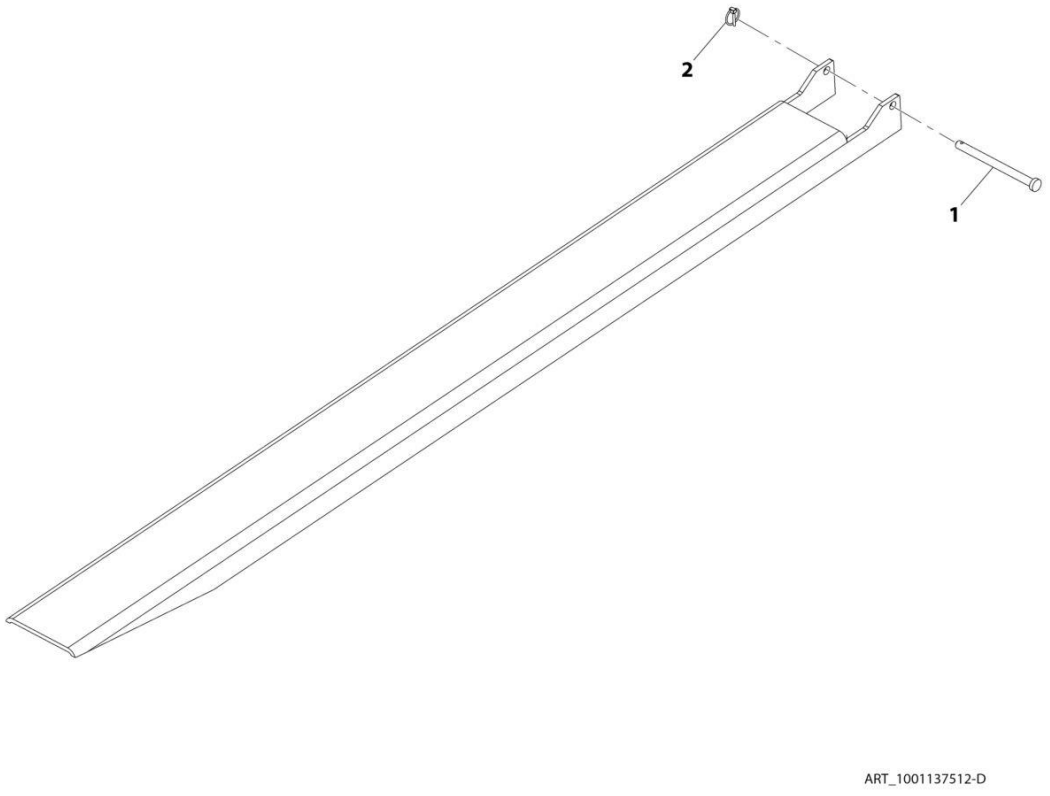
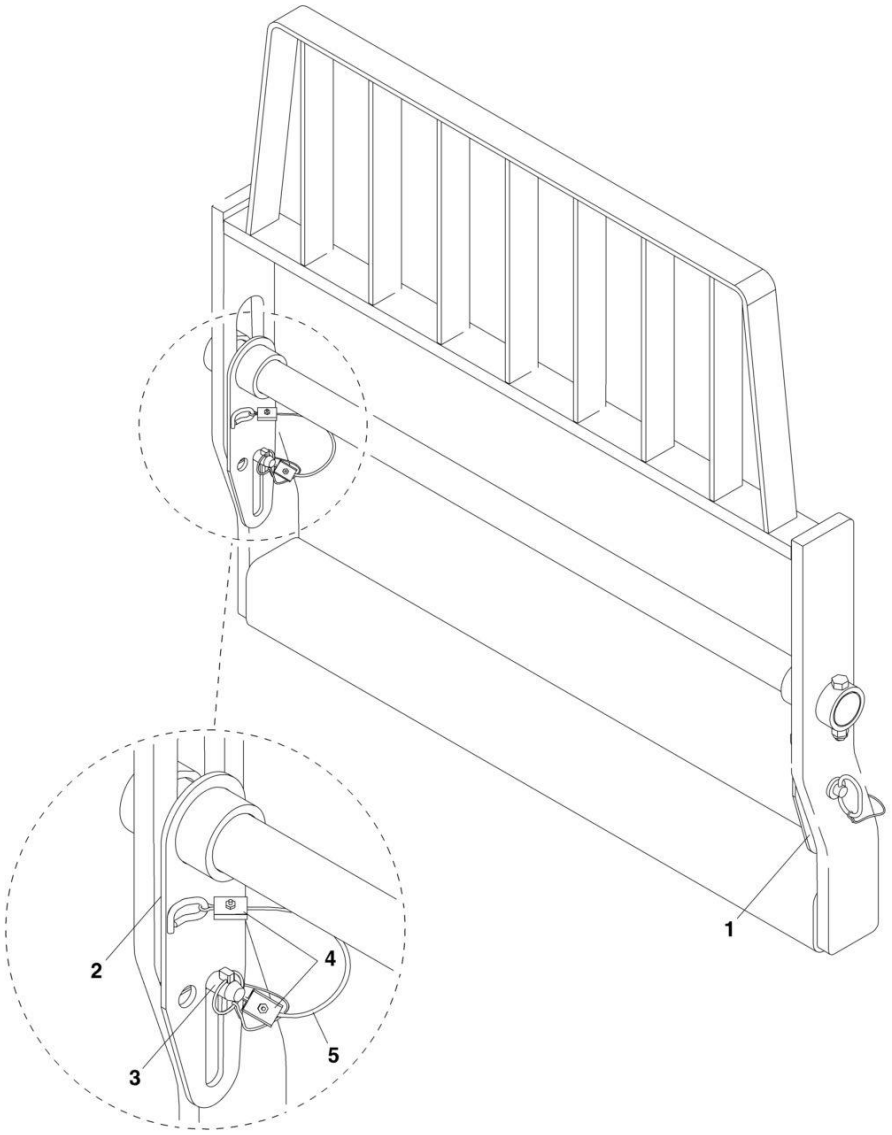


FIGURE 3-35. FORK EXTENSION - 90IN

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

FIGURE 3-36. FORK PIN LOCK INSTALLATION



ART_1001093465_B

FIGURE 3-36. FORK PIN LOCK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001093465	Ref	Fork Pin Lock Installation	B
1	0240156	1	Lock, LH Fork Pin	
2	1001093273	1	Lock, RH Fork Pin	
3	1001093377	2	Pin, Hitch	
4	1001094830	4	Clamp	
5	1001094330	2	Lanyard	

FIGURE 3-37. HOOK, COUPLING

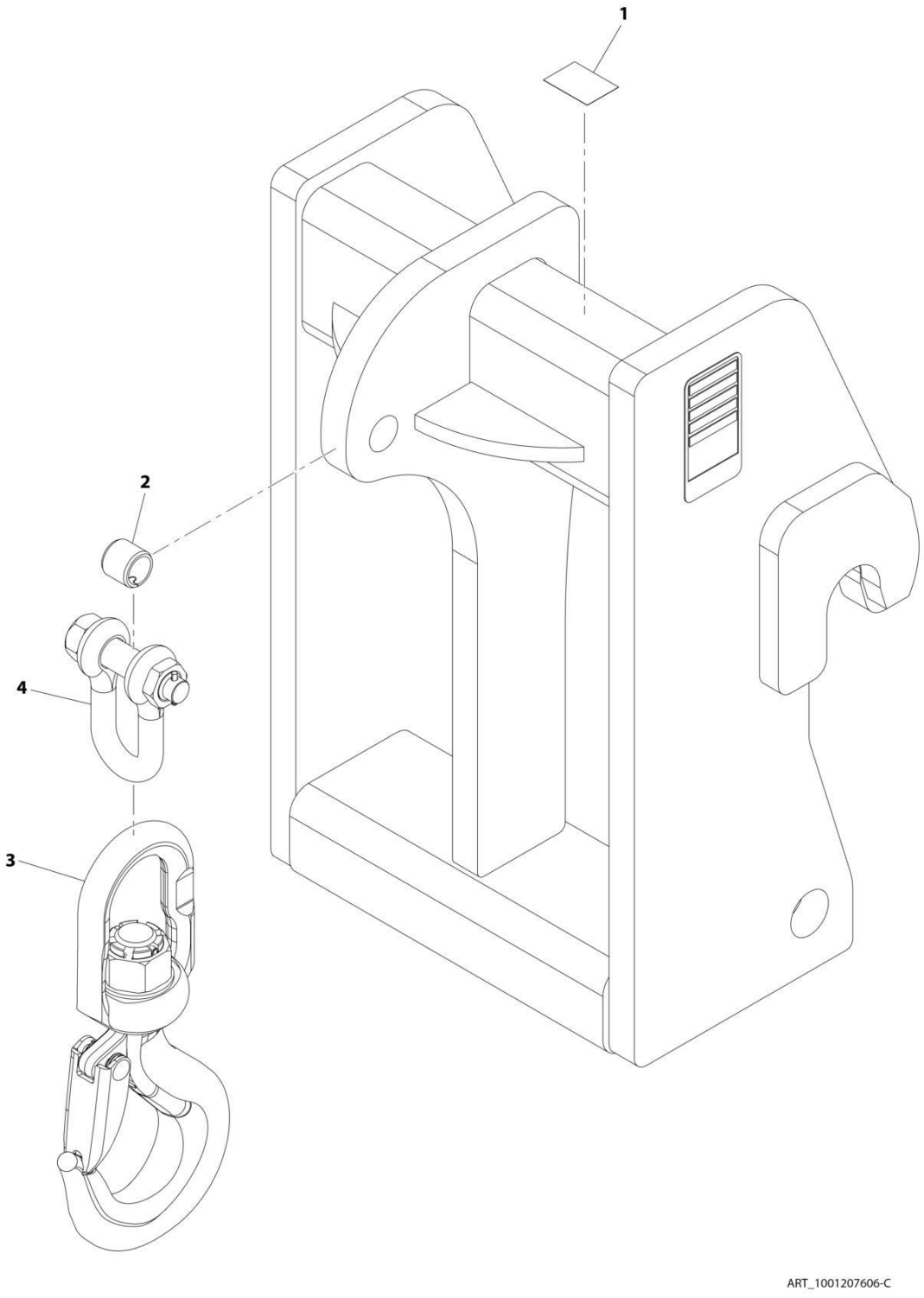


FIGURE 3-37. HOOK, COUPLING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207606	Ref	COUPLER MOUNTED HOOK	C
1	90554016	1	Decal	
2	70020555	1	Bushing	
3	70026745	1	Hook Swivel	
4	70026746	1	Shackle Chain	

FIGURE 3-38. HOOK, CRANE

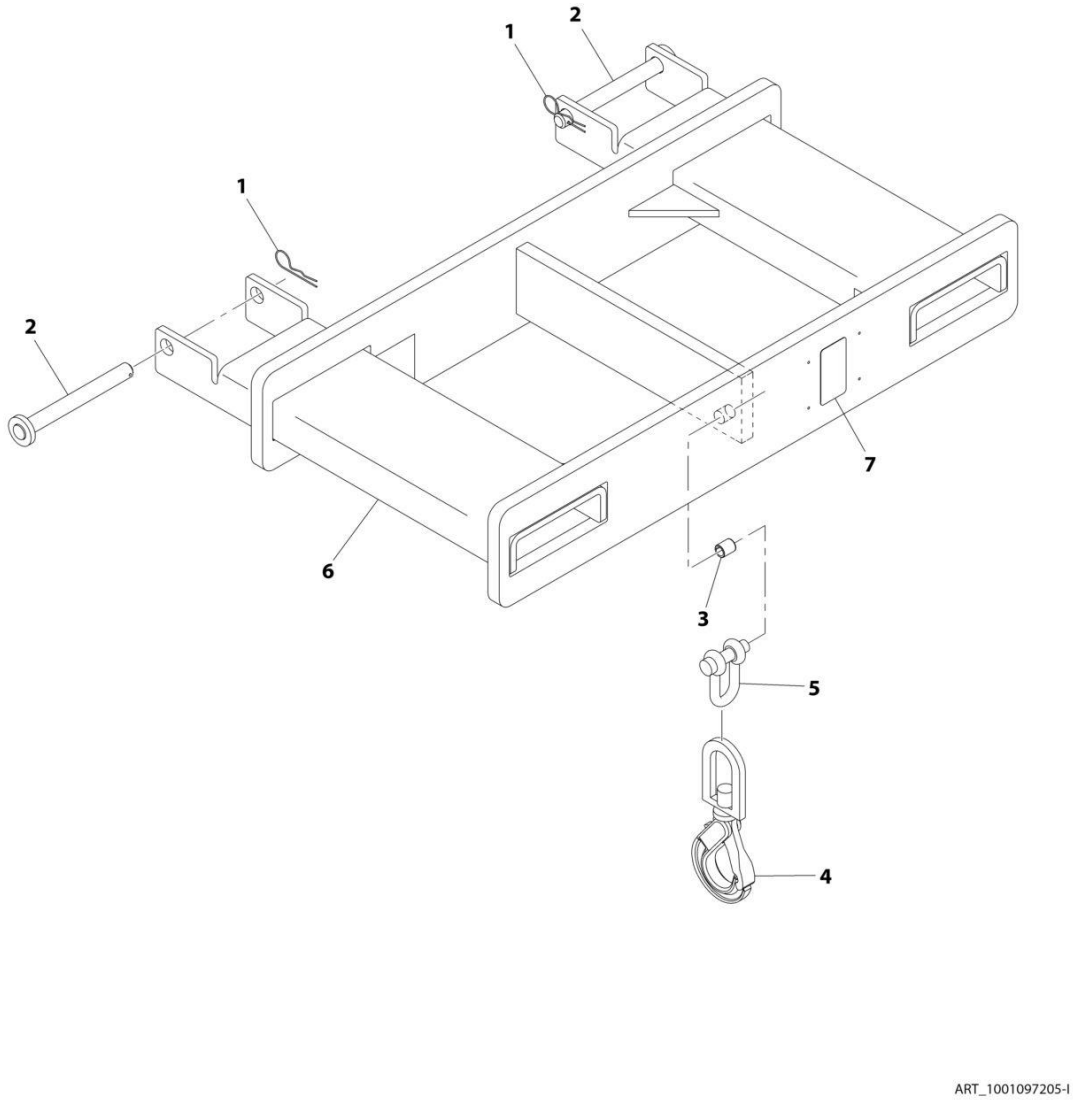
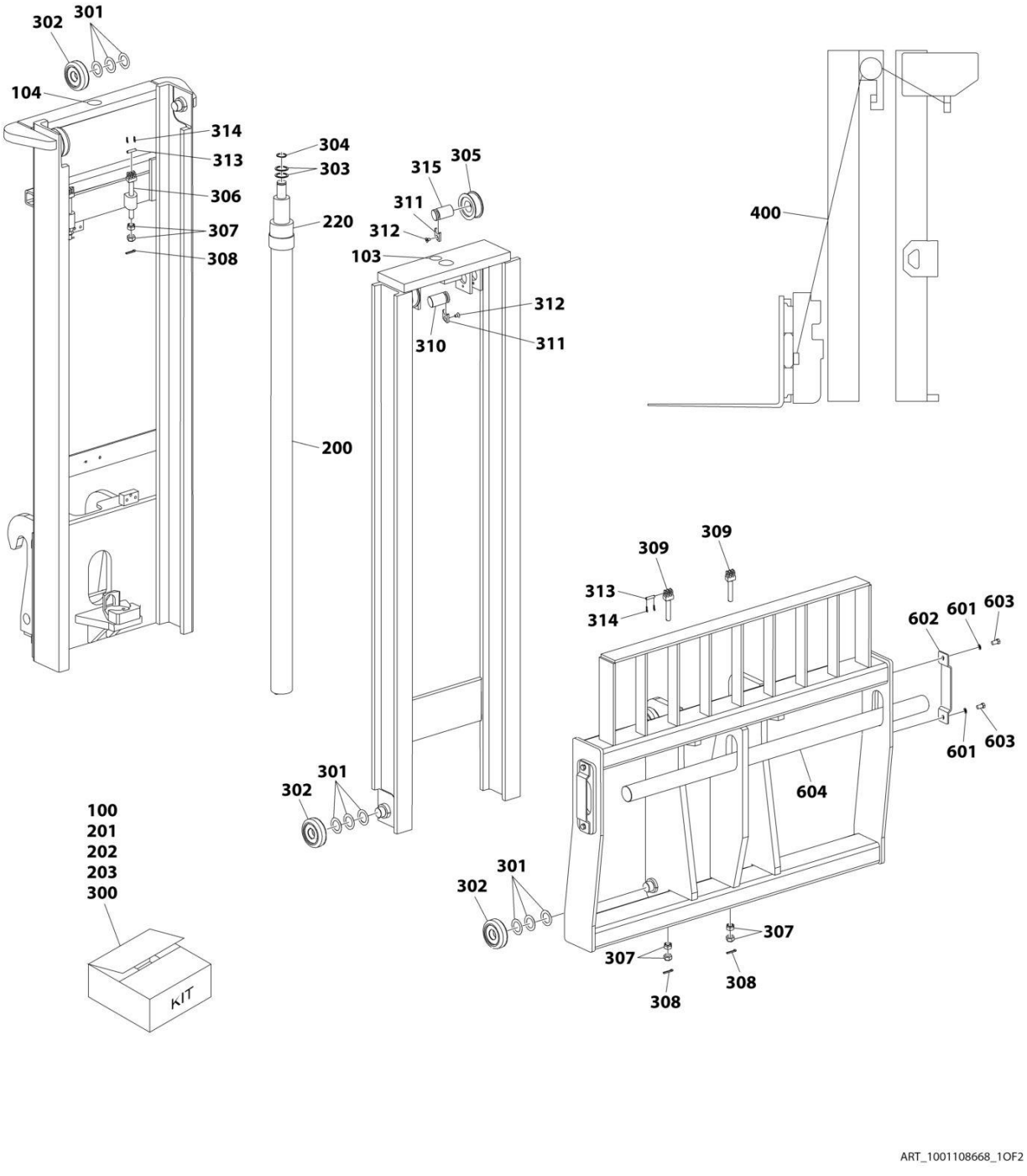


FIGURE 3-38. HOOK, CRANE

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 3-39. MAST, VERTICAL - 8FT



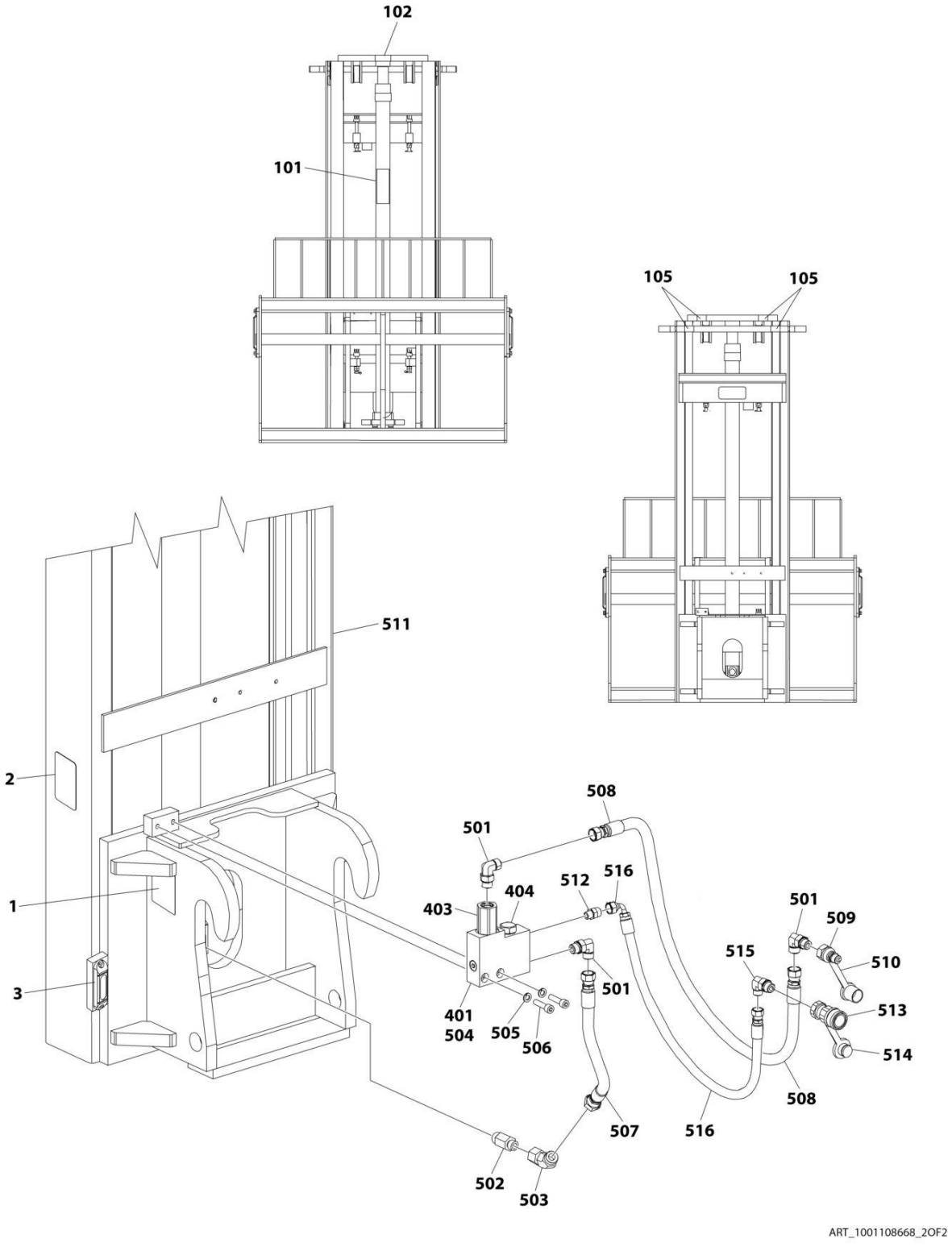

102
101
105
105
511
2
1
3
508
501
404
403
512
516
501
509
515
510
501
513
401
504
505
506
514
508
507
516
502
503
ART_1001108668_2OF2

FIGURE 3-39. MAST, VERTICAL - 8FT

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 3-40. SHEET MATERIAL HANDLER

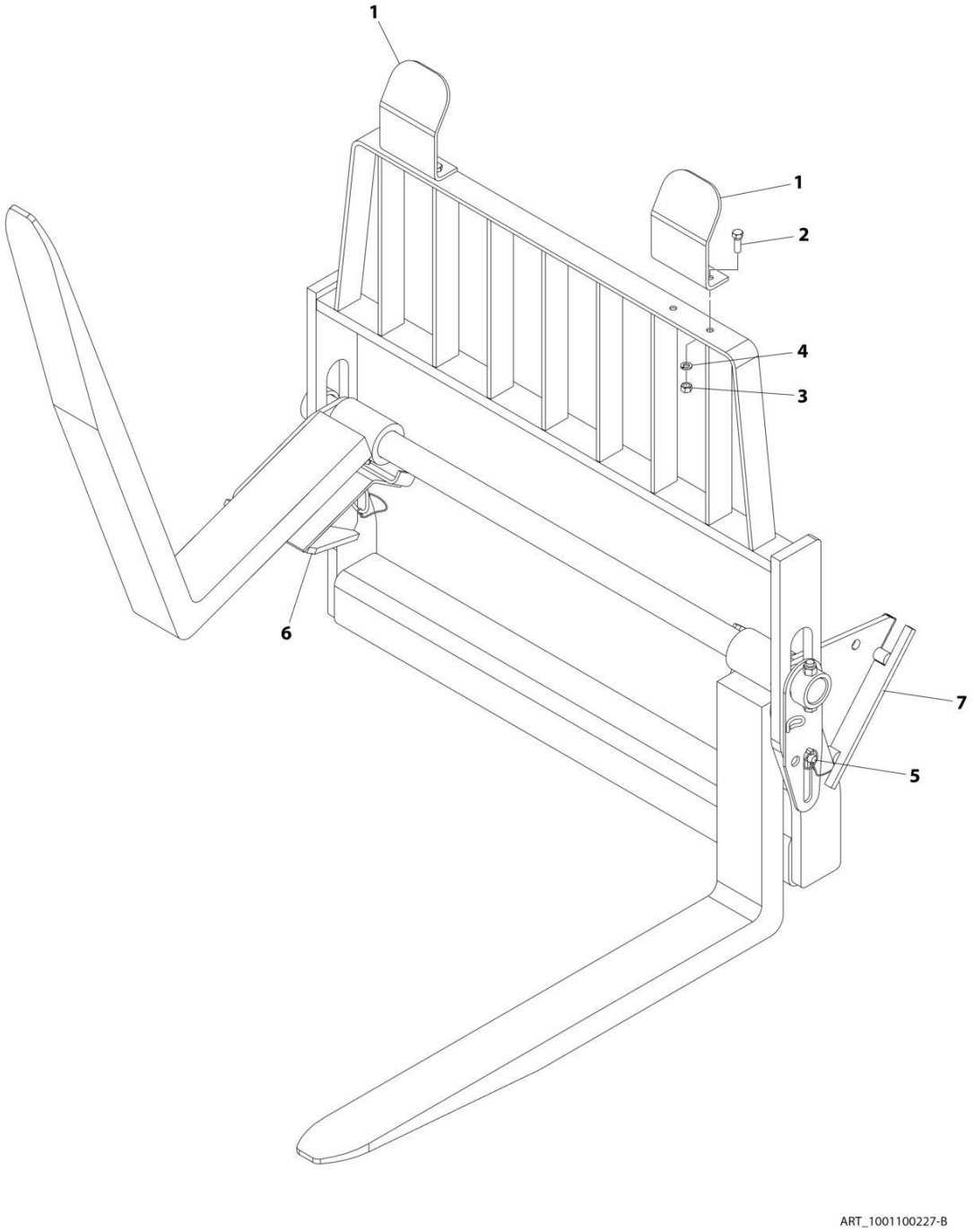
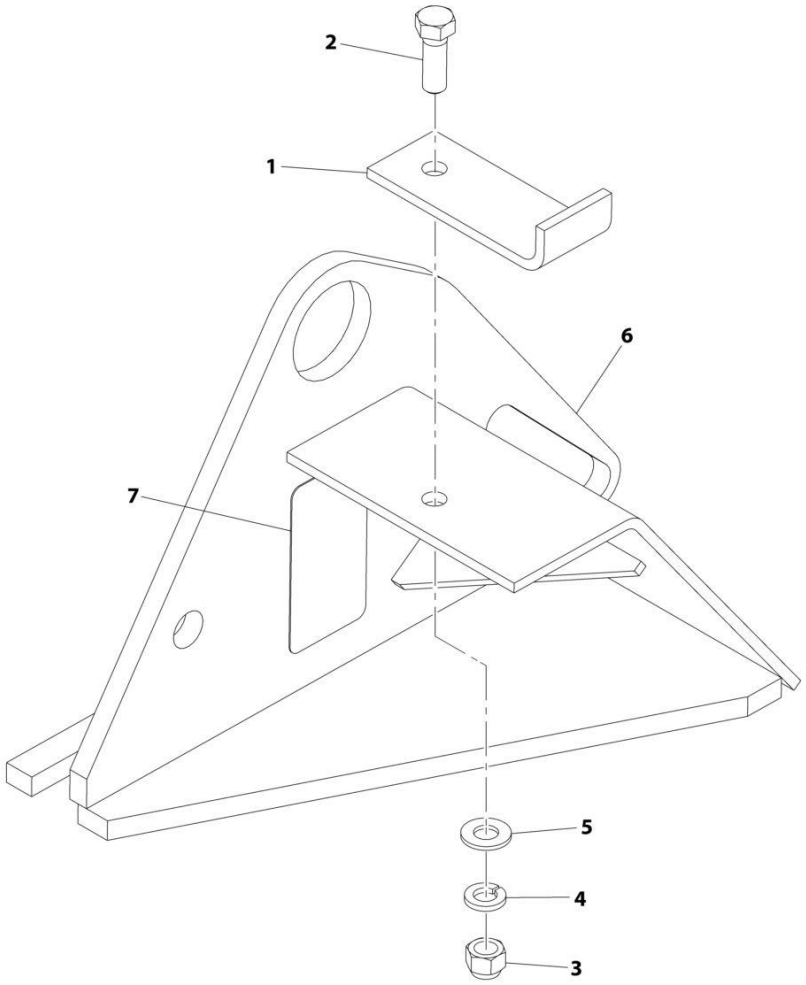


FIGURE 3-40. SHEET MATERIAL HANDLER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001100227	Ref	Sheet Material Handler Installation	B
1	7112642	2	Extension, Backrest	
2	8303626	4	Bolt, 1/2-13X1-1/2	
3	8305012	4	Nut, 1/2-13	
4	8307007	4	Washer, Lock 1/2	
5	1001093377	2	Pin, Hitch	
6	1001101115	1	Assembly, RH Fork Support (See Separate Breakdown in this Section)	
7	1001101116	1	Assembly, LH Fork Support (See Separate Breakdown in this Section)	

FIGURE 3-41. SHEET MATERIAL HANDLER FORK SUPPORT (LH)



ART_1001101116-E

FIGURE 3-41. SHEET MATERIAL HANDLER FORK SUPPORT (LH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001101116	Ref	LH Fork Support Assembly	E
1	7114941	1	Bar, Lock	
2	8303626	1	Bolt, 1/2-13X1-1/2	
3	8305644	1	Nut, Lock 1/2-13	
4	8307007	1	Washer, Lock 1/2	
5	8307112	1	Washer, 1/2	
6	1001100229	1	Support, LH Fork	
7	N.S.S.	1	S/N Plate	

FIGURE 3-42. SHEET MATERIAL HANDLER FORK SUPPORT (RH)

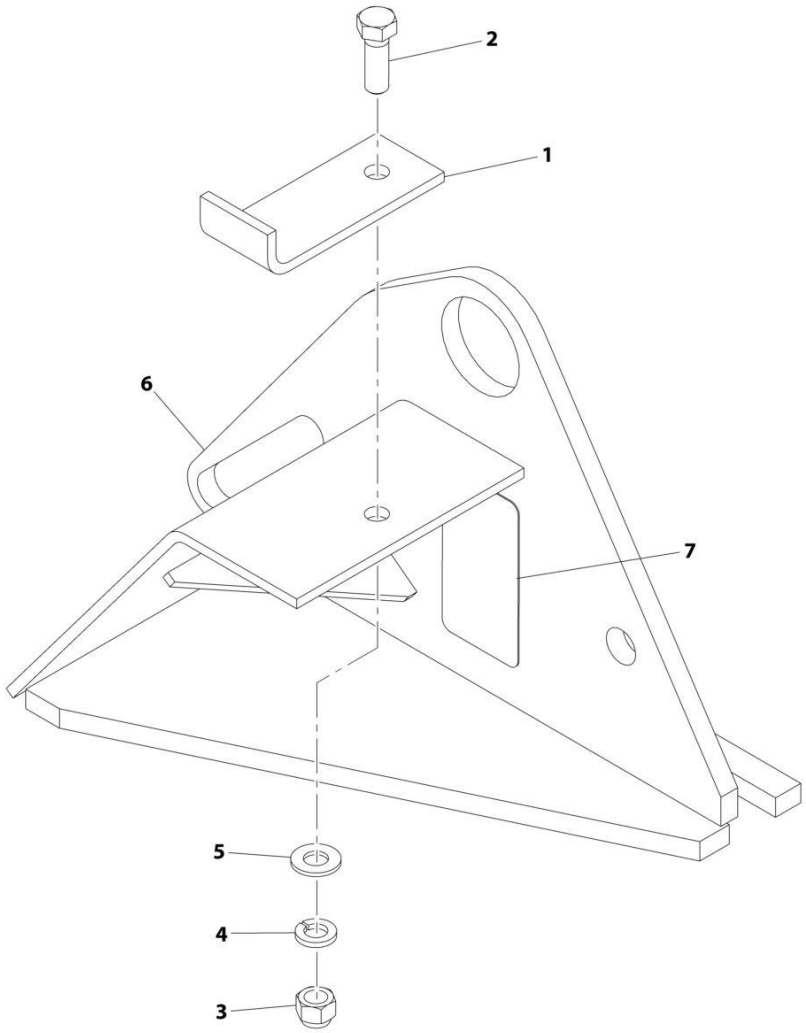


FIGURE 3-42. SHEET MATERIAL HANDLER FORK SUPPORT (RH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001101115	Ref	RH Fork Support Assembly	D
1	7114941	1	Bar, Lock	
2	8303626	1	Bolt, 1/2-13X1-1/2	
3	8305644	1	Nut, Lock 1/2-13	
4	8307007	1	Washer, Lock 1/2	
5	8307112	1	Washer, 1/2	
6	1001100228	1	Support, RH Fork	
7	N.S.S.	1	S/N Plate	

FIGURE 3-43. SWEEPER ASSEMBLY

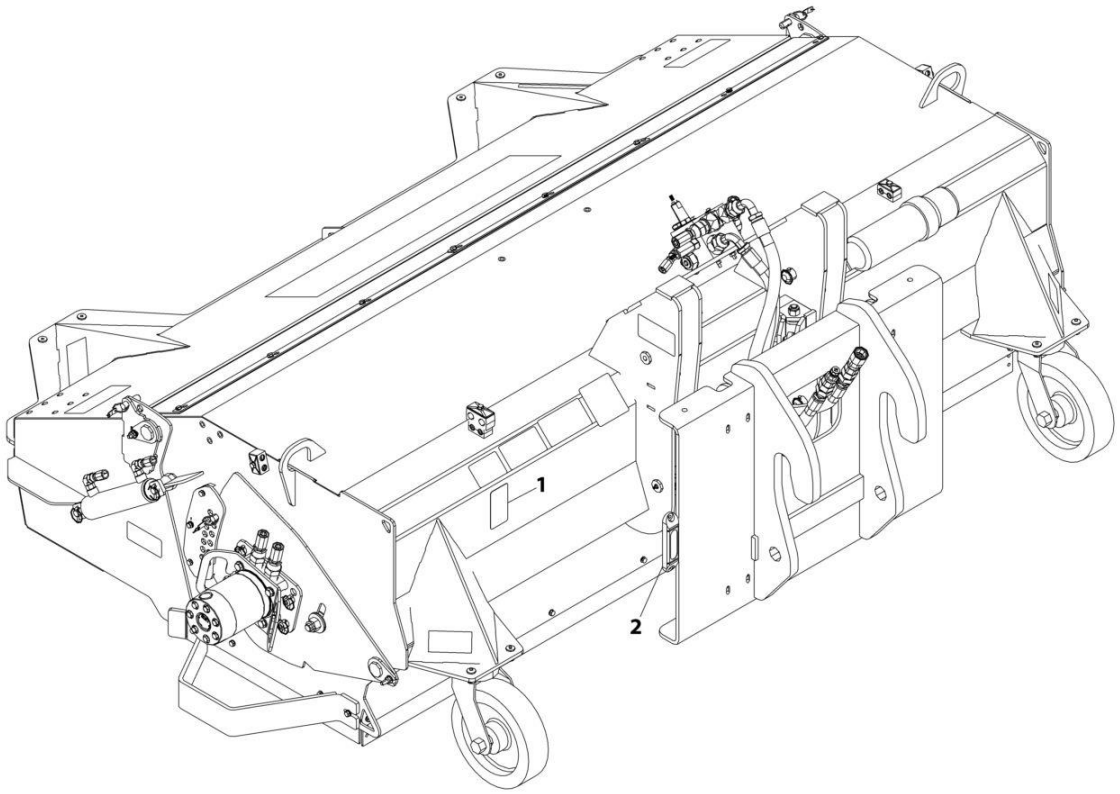


FIGURE 3-43. SWEEPER ASSEMBLY

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 3-44. SWEEPER ASSEMBLY - BODY

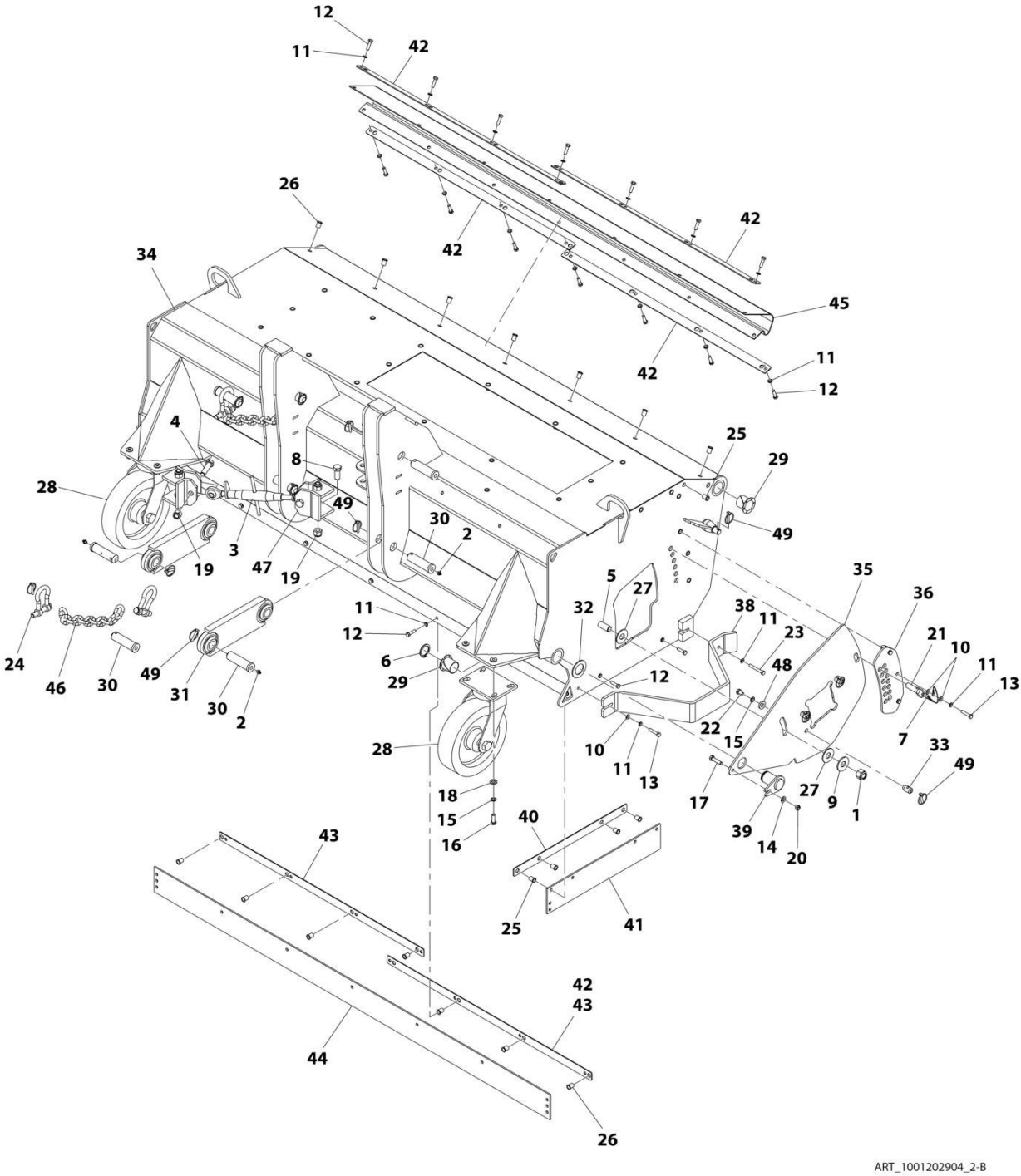


FIGURE 3-44. SWEEPER ASSEMBLY - BODY

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 3-45. SWEEPER ASSEMBLY - CORE

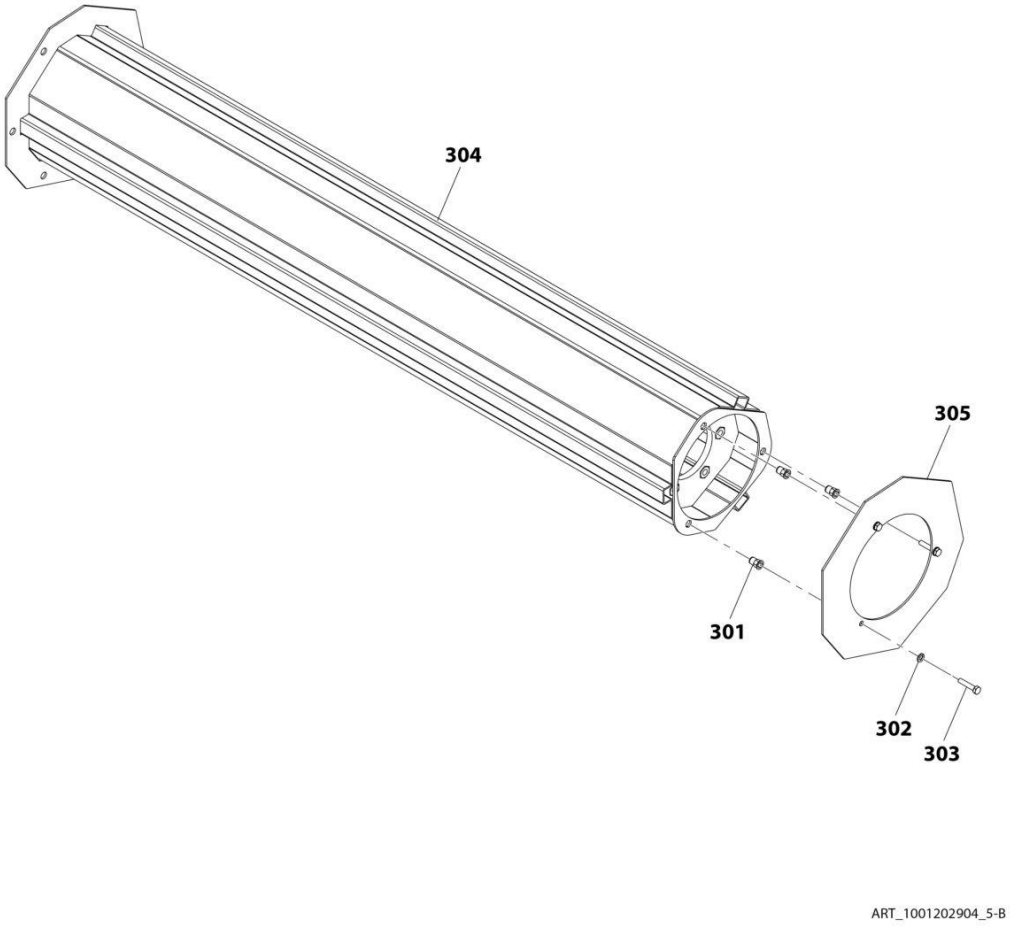


FIGURE 3-45. SWEEPER ASSEMBLY - CORE

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 3-46. SWEEPER ASSEMBLY - HOPPER

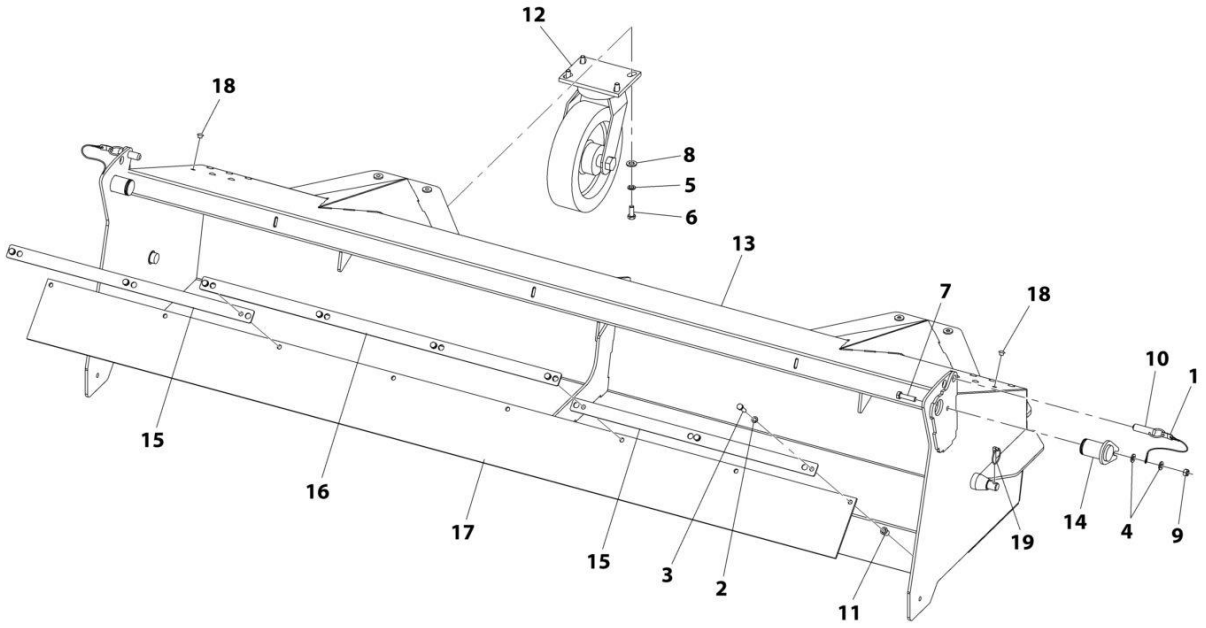


FIGURE 3-46. SWEEPER ASSEMBLY - HOPPER

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 3-47. SWEEPER ASSEMBLY - HYDRAULIC SINGLE MOTOR

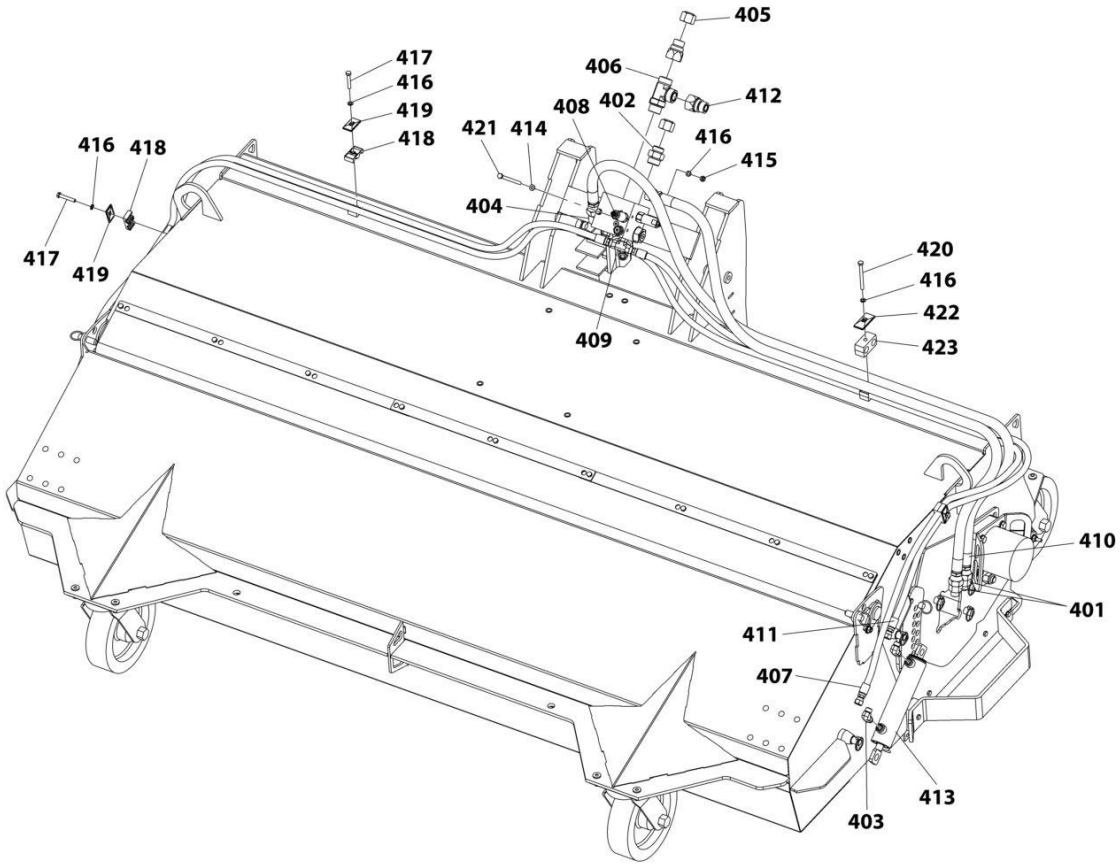


FIGURE 3-47. SWEEPER ASSEMBLY - HYDRAULIC SINGLE MOTOR

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 3-48. SWEEPER ASSEMBLY - IDLER

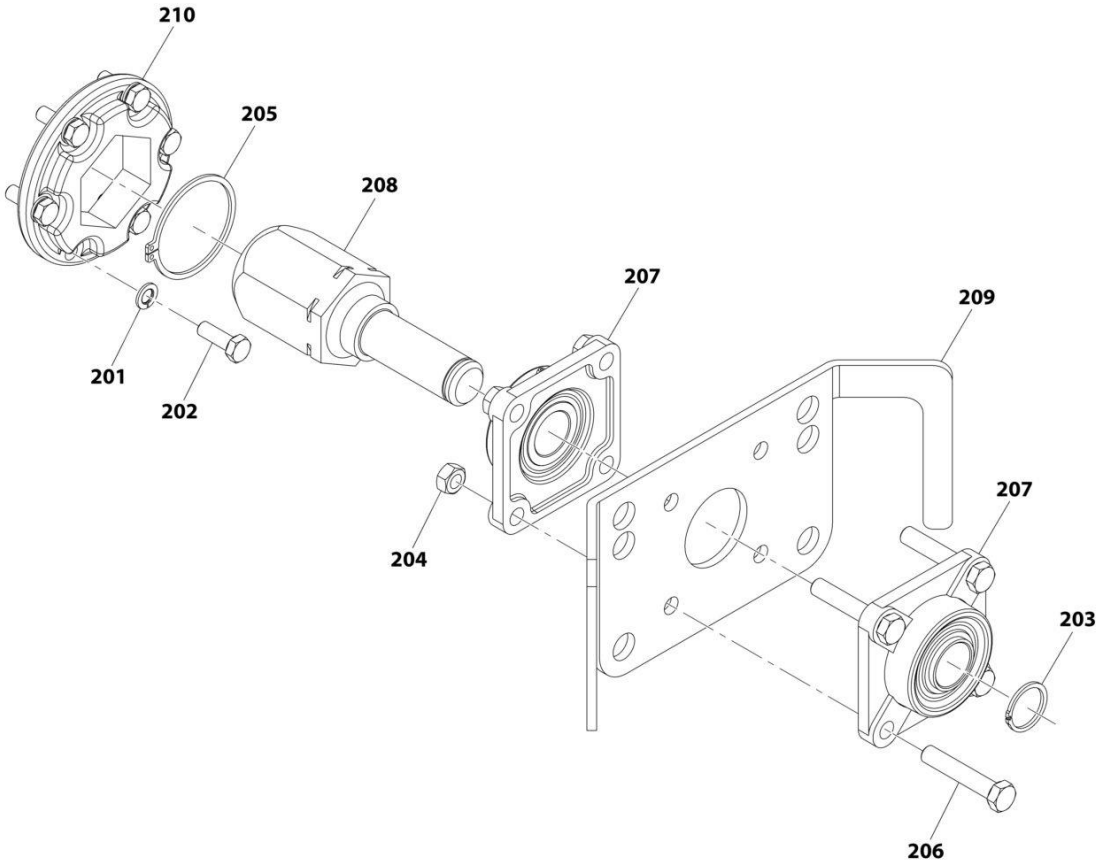


FIGURE 3-48. SWEEPER ASSEMBLY - IDLER

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 3-49. SWEEPER ASSEMBLY - MOTOR

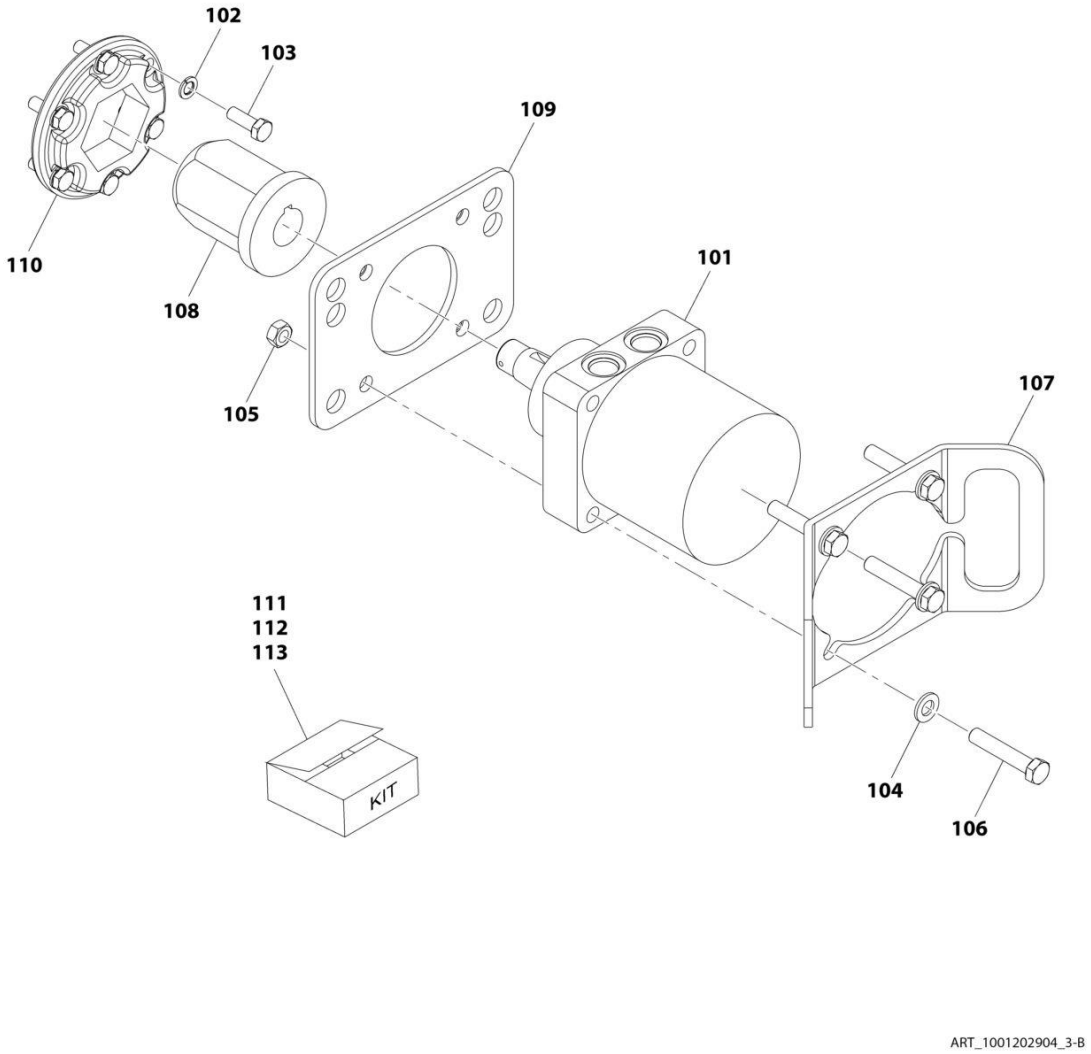


FIGURE 3-49. SWEEPER ASSEMBLY - MOTOR

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 3-50. TRASHER HOPPER

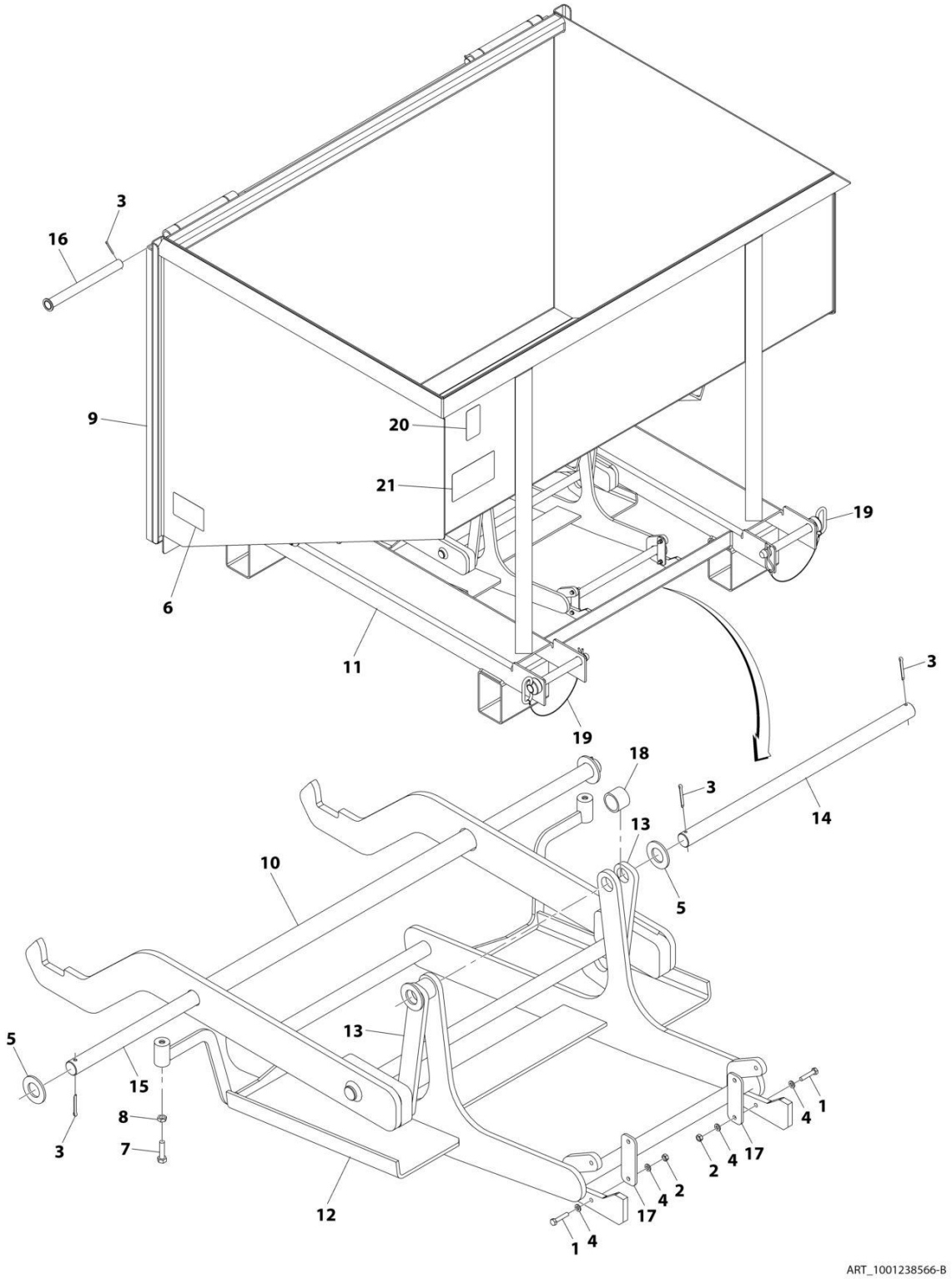


FIGURE 3-50. TRASHER HOPPER

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

SECTION 4 - ENGINE AND ATTACHING PARTS

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

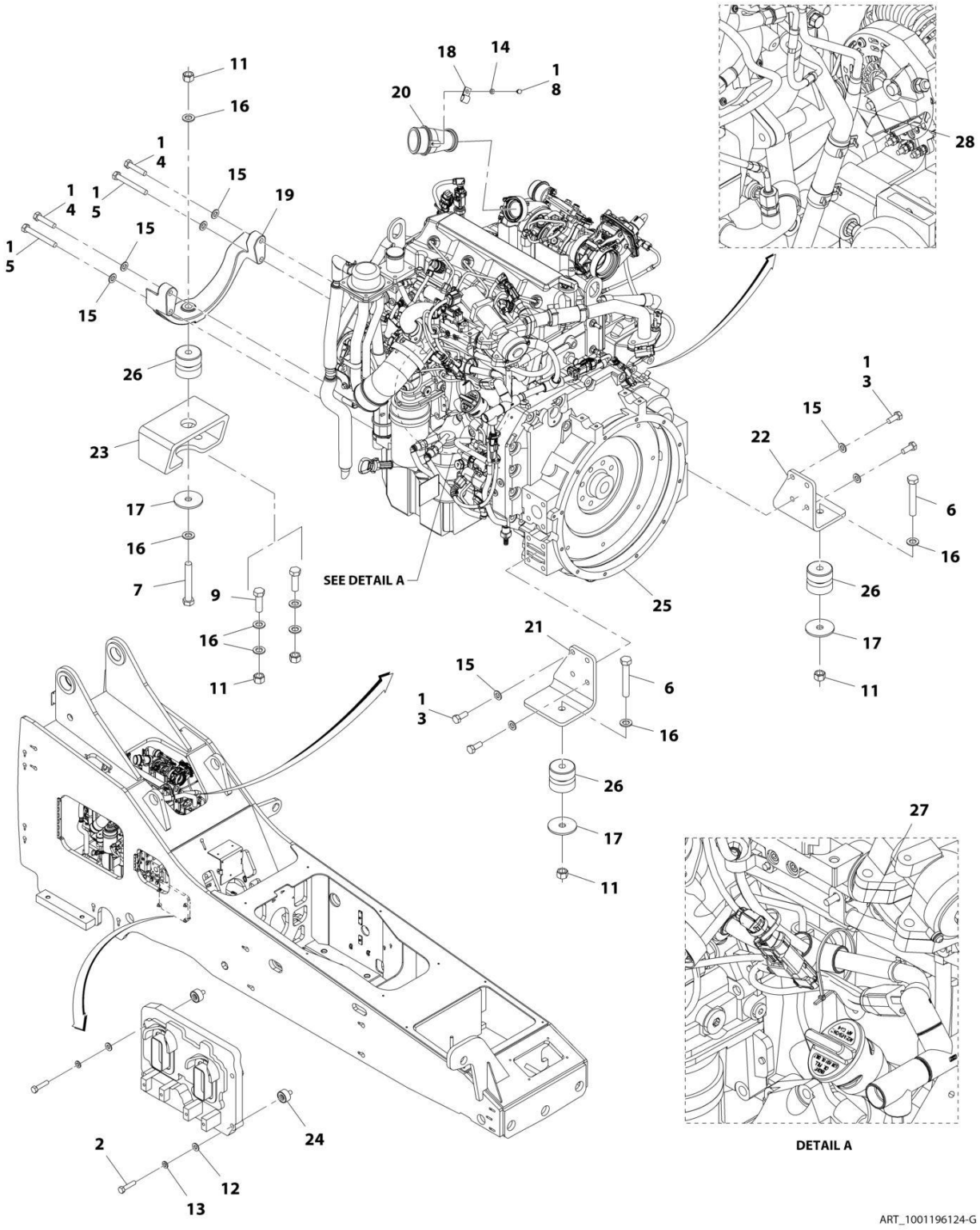


FIGURE 4-1. ENGINE INSTALLATION - 74HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196124	Ref	Engine Installation, 74HP (if equipped for ULS)	G
1	0100011	AR	Compound, Locking	
2	0641511	4	Bolt, 5/16-18X1-3/8	
3	0711214	8	Bolt, M12X30	
4	0711219	2	Bolt, M12X55	
5	0711227	2	Bolt, M12X100	
6	0711627	2	Bolt, M16X100	
7	0711628	1	Bolt, M16X110	
8	0760605	1	Bolt, M6X10	
9	0771618	2	Bolt, M16X50	
11	3331615	5	Nut, Lock M16X12	
12	4711500	4	Washer, 5/16	
13	4761500	4	Washer, Lock 5/16	
14	4811700	1	Washer, M6	
15	4812100	12	Washer, M12	
16	4812300	8	Washer, M16	
17	7300435	3	Washer, Rebound	
18	8406112	1	Clip, Tube 5/8	
19	1001160116	1	Bracket, Engine Mount Casting	
20	1001161920	1	Adapter	
21	1001165517	1	Bracket, Engine Mount	
22	1001165518	1	Bracket, Engine Mount	
23	1001180473	1	Bracket, Rear Engine Mount	
24	1001186373	4	Mount, Isolator ECM	
25	1001196665	1	Engine (See Separate Breakdown in this Section)	
26	1001165660	3	Mount, Isolator Engine	
27	4240099	1	Strap, Tie	
28	7125871	1	Conduit 0.5X8	

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

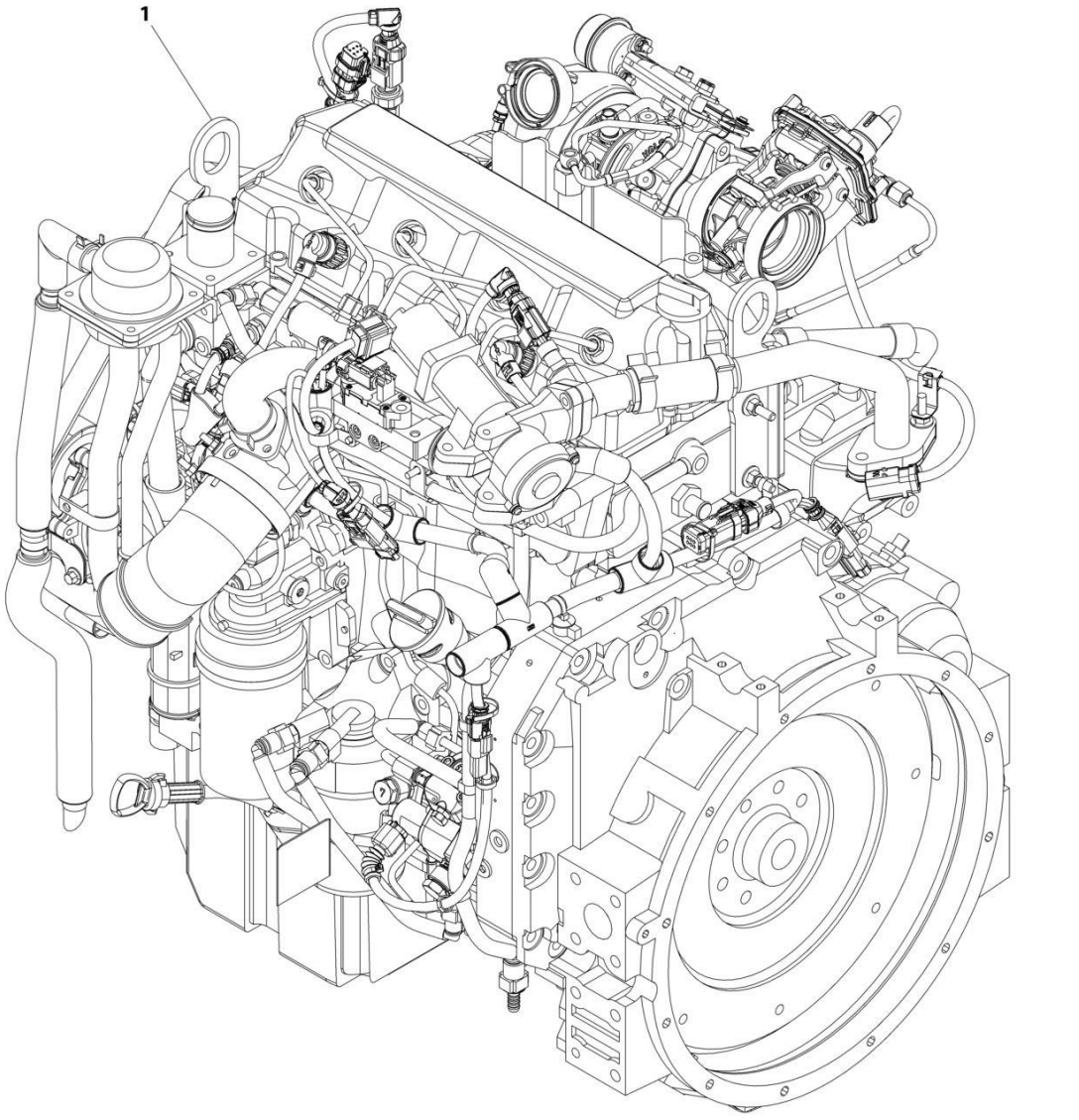


FIGURE 4-2. ENGINE COMPONENTS - 74HP (ULS)

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 (LS)

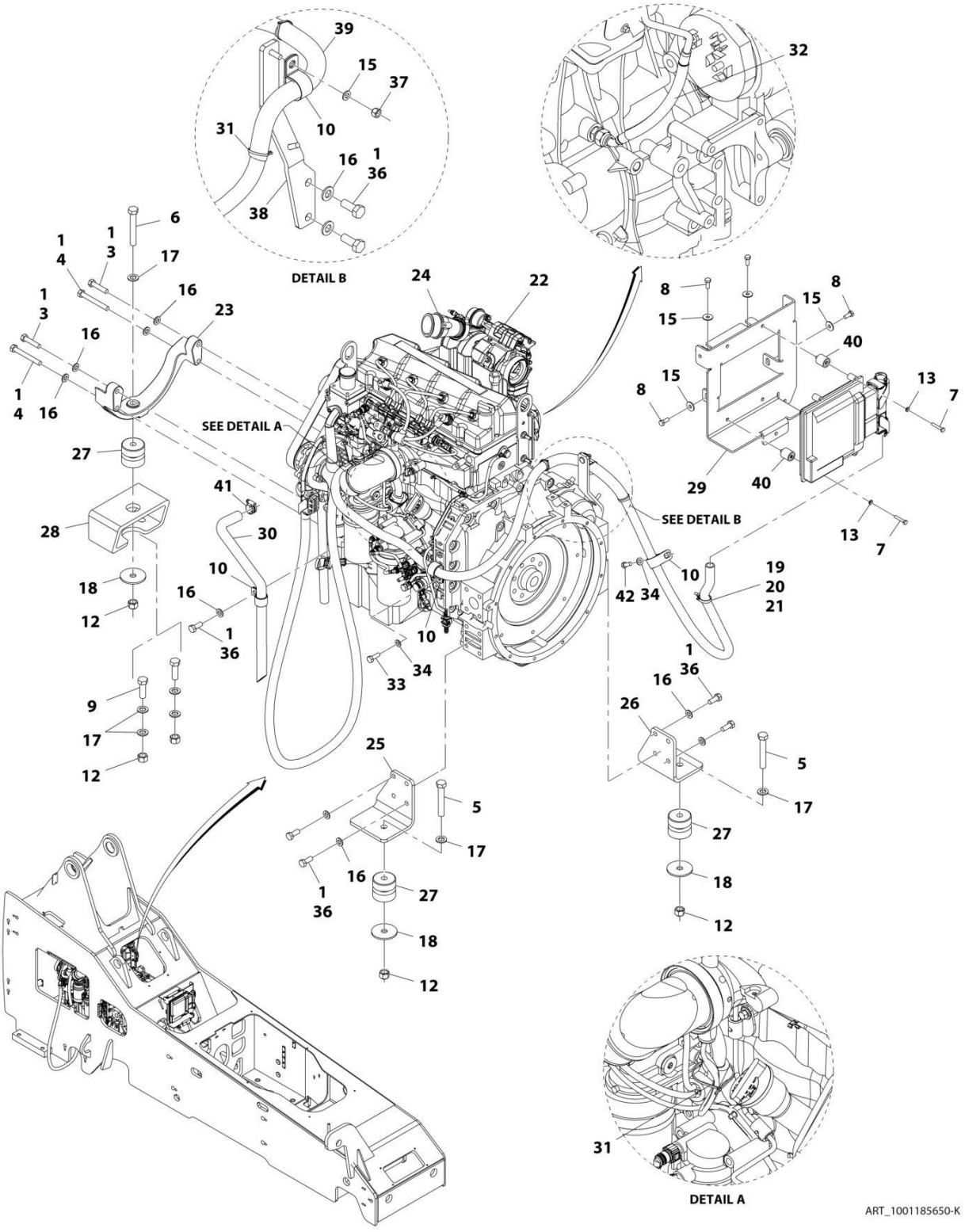


FIGURE 4-3. ENGINE INSTALLATION - 110HP (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185650	Ref	Engine Installation (if equipped for LS)	K
1	0100011	AR	Compound, Locking	
3	0711219	2	Bolt, M12X55	
4	0711227	2	Bolt, M12X100	
5	0711627	2	Bolt, M16X100	
6	0711628	1	Bolt, M16X110	
7	0760614	4	Bolt, M6X30	
8	0760810	4	Bolt, M8X20	
9	0771618	2	Bolt, M16X50	
10	8406303	4	Clip, Tube 1-3/16	
12	3331615	5	Nut, Lock M16X2	
13	4811700	4	Washer, M6	
15	4811902	5	Washer, M8	
16	4812100	15	Washer, M12	
17	4812300	7	Washer, M16	
18	7300435	3	Washer, Rebound	
19	8881800	1	Strap, Cable	
20	88261015	1	Bolt, 1/4-20X5/8	
21	1001138645	1	Mount, Cable Tie	
22	1001154790	1	Engine (See Separate Breakdown in this Section)	
23	1001160116	1	Bracket, Engine Mount Casting	
24	1001161920	1	Adapter	
25	1001165517	1	Bracket, Engine Mount	
26	1001165518	1	Bracket, Engine Mount	
27	1001165660	3	Mount, Isolator Engine	
28	1001180473	1	Bracket, Rear Engine Mount	
29	1001211688	1	Bracket, ECM Mount	
30	1001192134	1	Hose	
31	4240099	3	Strap, Tie	
32	7125871	1	Conduit	
33	0761014	1	Capscrew, 10X30	
34	4812000	2	Washer, M10	
36	0711214	11	Bolt, M12X30	
37	3290805	1	Nut, Lock M8X1-1/4	
38	1001197233	1	Bracket	
39	1001186718	1	Insulate, Heat Shield Tube	
40	1001211697	4	Mount, Isolator ECM	
41	1001173535	1	Clamp	
42	0641608	1	Bolt, 3/8-16X1	

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

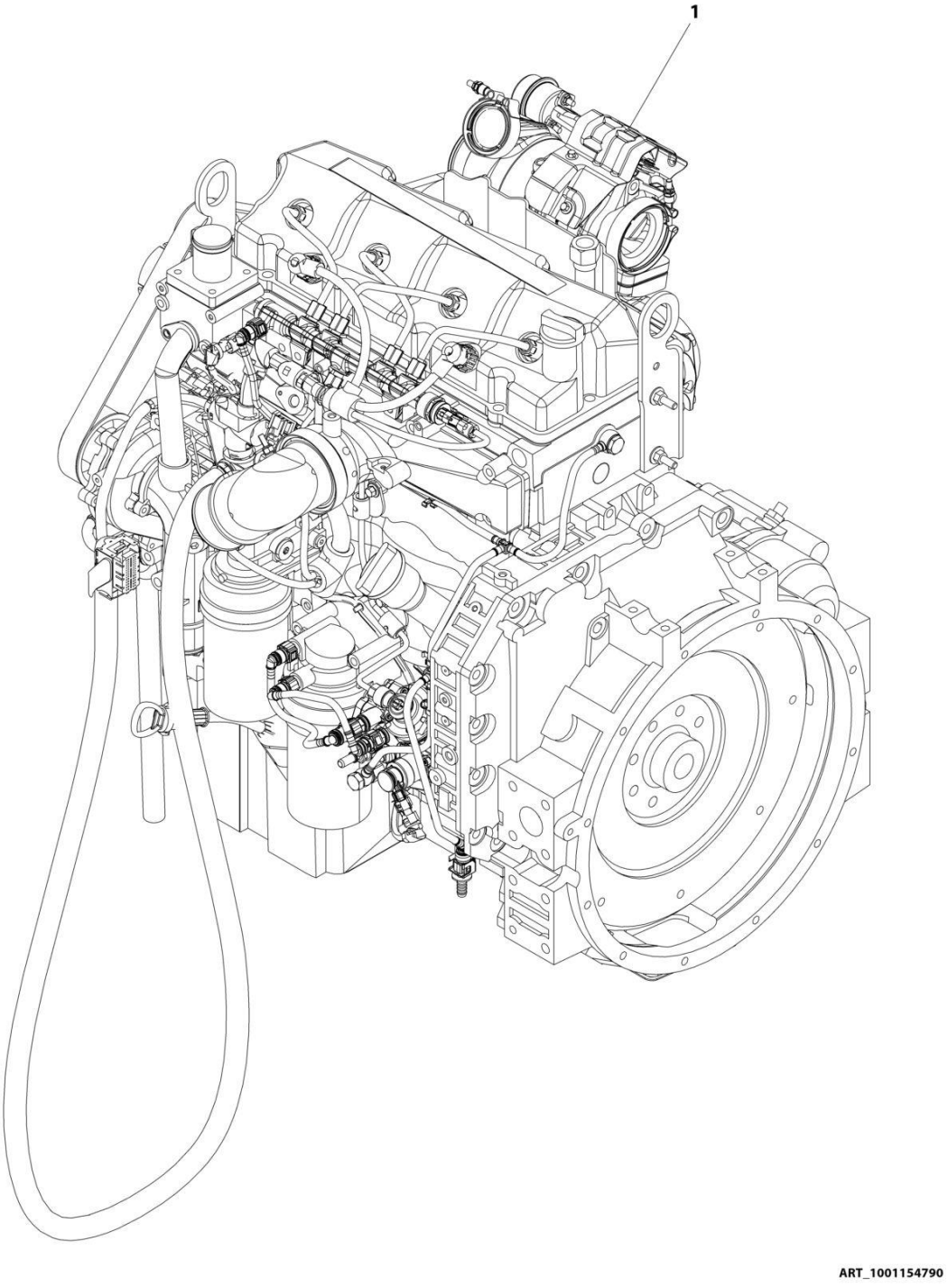


FIGURE 4-4. ENGINE COMPONENTS - 110HP (LS)

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 4-5. ENGINE INSTALLATION - 110HP (ULS)

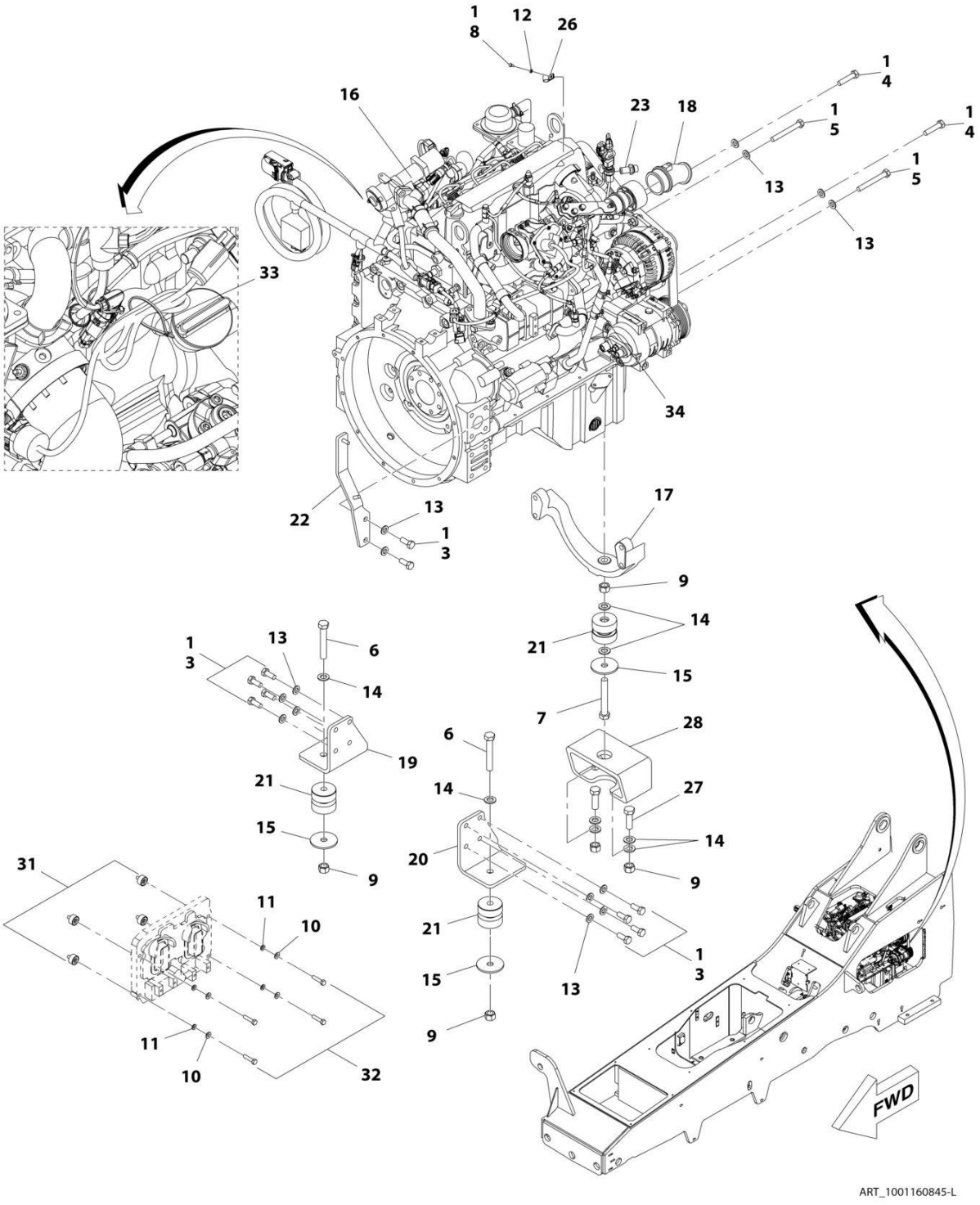
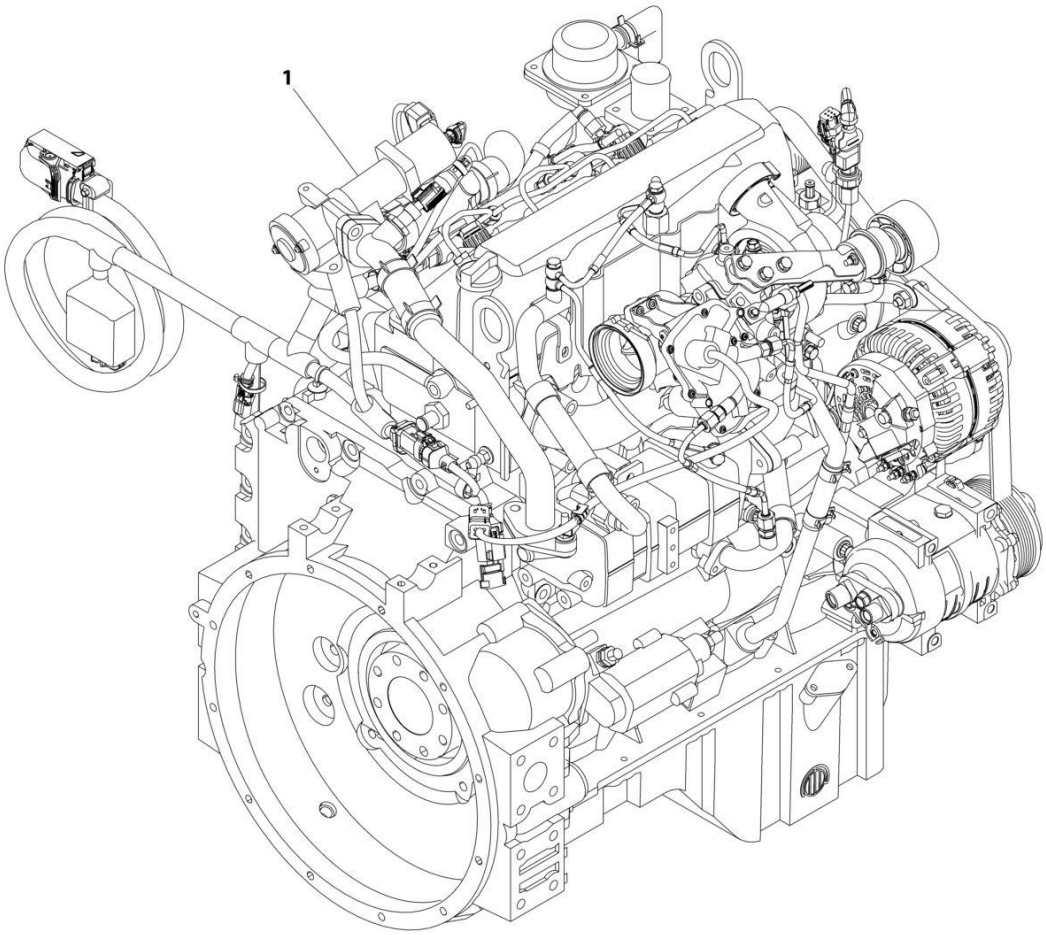


FIGURE 4-5. ENGINE INSTALLATION - 110HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160845	Ref	Engine Installation, 110HP (if equipped for ULS)	L
1	0100011	AR	Compound, Locking	
3	0711214	10	Bolt, M12X30	
4	0711219	2	Bolt, M12X55	
5	0711227	2	Bolt, M12X100	
6	0711627	2	Bolt, 16-2X100	
7	0711628	1	Bolt, 16-2X110	
8	0760605	1	Bolt, M6X10	
9	3331615	5	Nut, Lock M16X2	
10	4711500	4	Washer, Plain 5/16	
11	4761500	4	Washer, Lock 5/16	
12	4811700	1	Washer, M6	
13	4812100	14	Washer, M12	
14	4812300	8	Washer, M16	
15	7300435	3	Washer, Rebound	
16	1001154511	1	Engine (ULS) (See Separate Breakdown in this Section)	
17	1001160116	1	Bracket, Engine Mount Casting	
18	1001161920	1	Adapter	
19	1001165517	1	Bracket, Engine Mount	
20	1001165518	1	Bracket, Engine Mount	
21	1001165660	3	Mount, Isolator Engine	
22	1001197233	1	Bracket, Hose Support	
23	1001168822	1	Fitting, Hose Barb	
26	8406112	1	Clip, Tube 5/8	
27	0771618	2	Bolt, M16X50	
28	1001180473	1	Bracket, Rear Engine Mount	
31	1001186373	4	Mount, Isolator ECM	
32	0641511	4	Bolt, 5/16-18X1-3/8	
33	4240099	1	Strap, Tie	
34	7125871	1	Conduit, 1/2X8	

FIGURE 4-6. ENGINE COMPONENTS - 110HP (ULS)



ART_1001154511

FIGURE 4-6. 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 4-7. A/C COMPONENTS INSTALLATION - 74HP

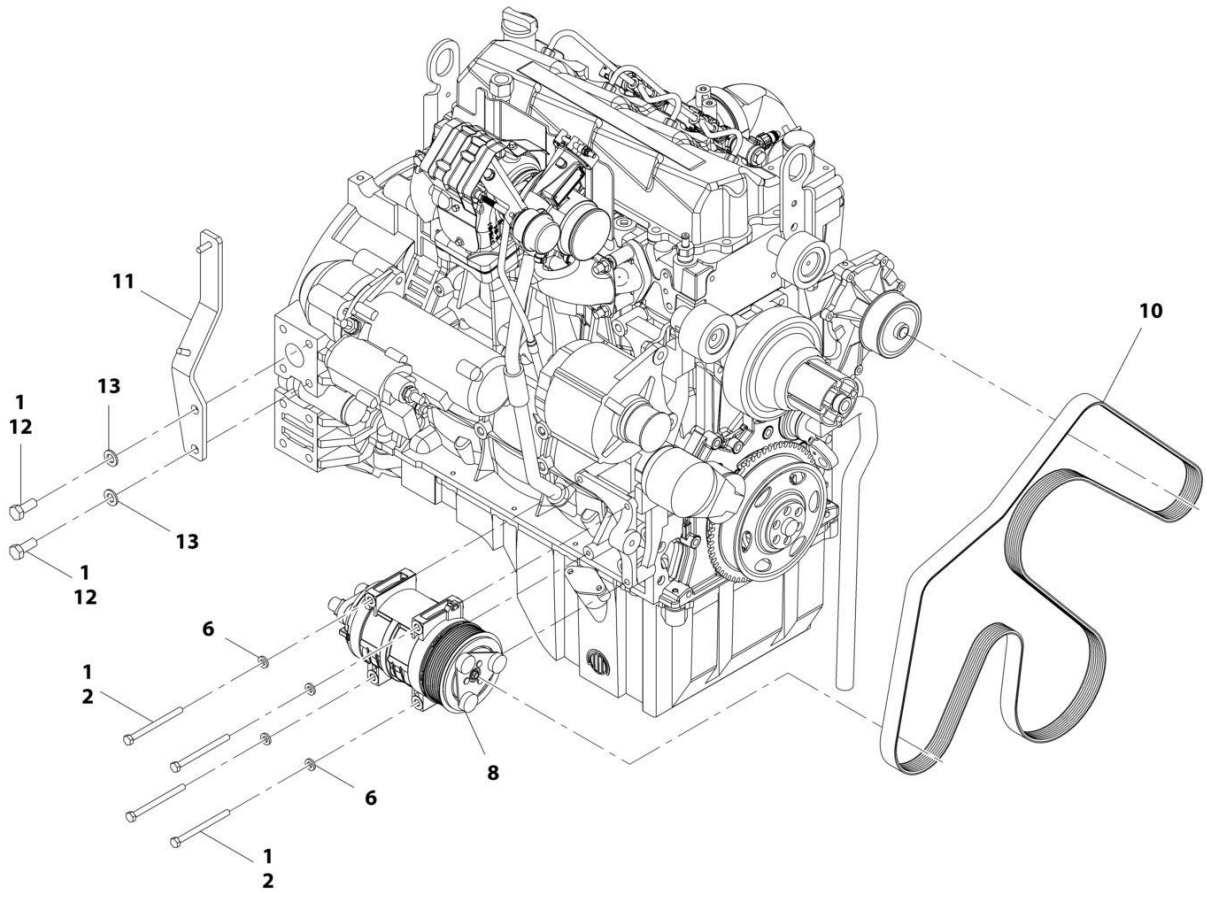


FIGURE 4-7. A/C COMPONENTS INSTALLATION - 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190295	Ref	A/C Components Installation (if equipped for LS)	B
1	0100011	AR	Compound, Locking	
2	0700827	4	Bolt, M8X100	
6	5240800	4	Washer, M8	
8	1001157663	1	Compressor, A/C	
10	1001167357	1	Belt	
11	1001197233	1	Bracket, AC Hose Support	
12	0711214	2	Bolt, M12X30	
13	4812100	2	Washer, M12	

FIGURE 4-8. A/C COMPONENTS INSTALLATION - 110HP

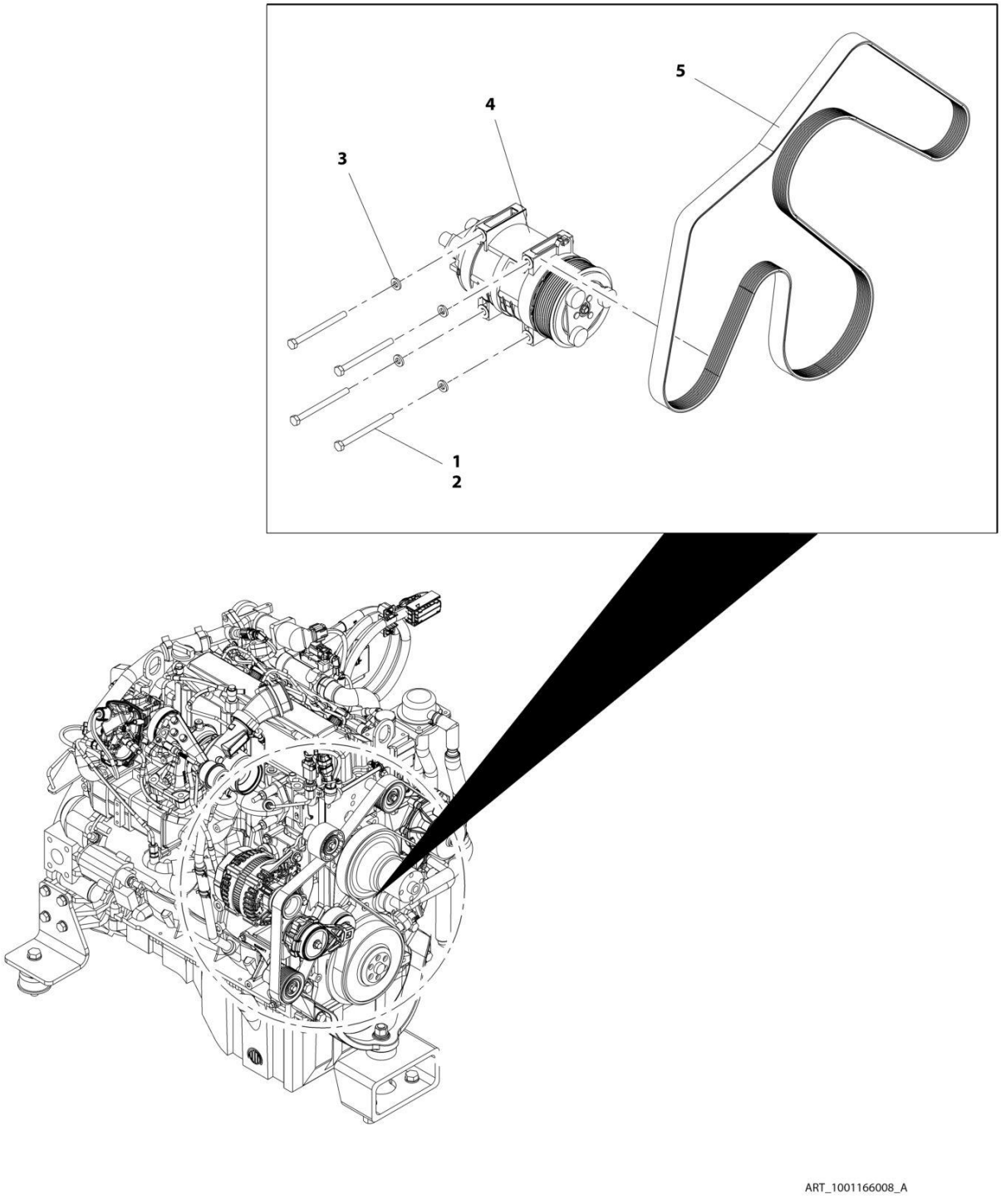


FIGURE 4-8. A/C COMPONENTS INSTALLATION - 110HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166008	Ref	A/C Components Installation	A
1	0100011	AR	Compound, Locking	
2	0700827	4	Bolt, M8X100	
3	5240800	4	Washer, M8	
4	1001157663	1	Compressor, A/C	
5	1001167357	1	Belt	

FIGURE 4-9. AIR CLEANER ASSEMBLY - 74HP & 110HP (ULS)

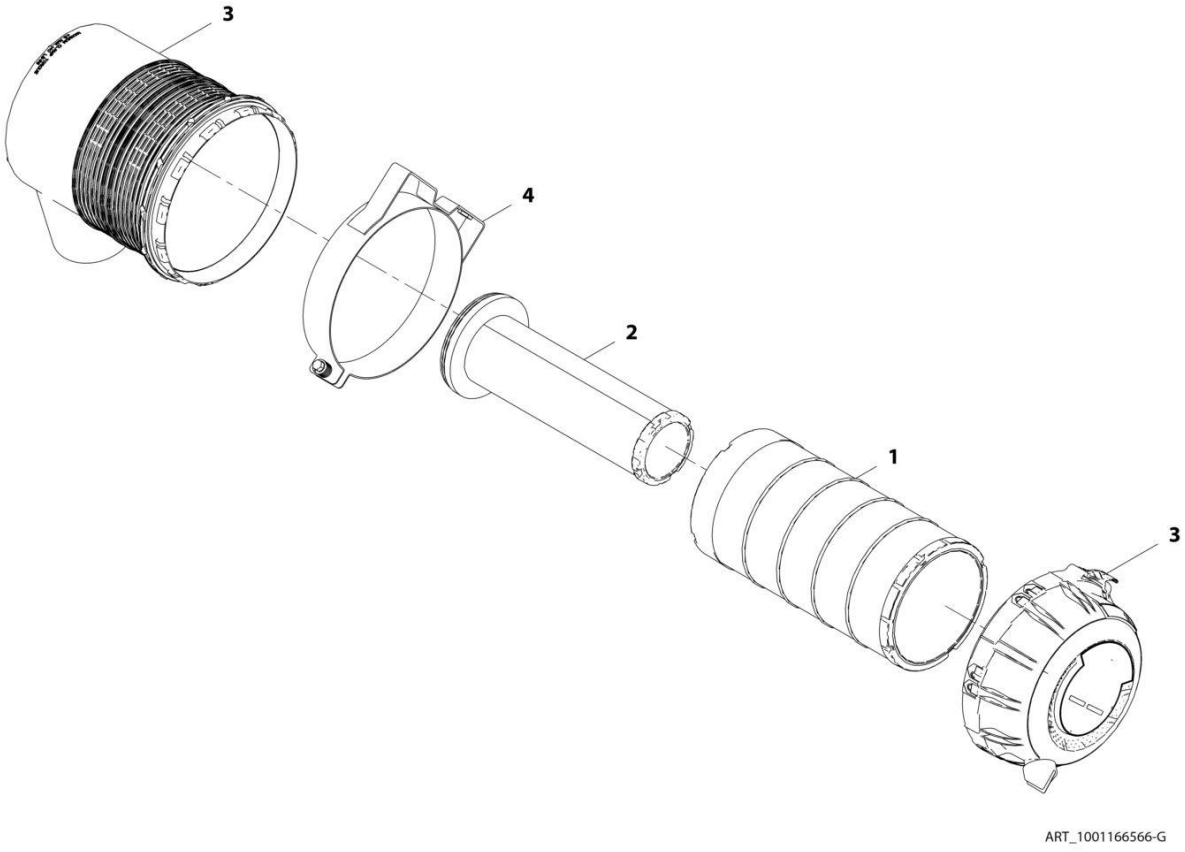


FIGURE 4-9. AIR CLEANER ASSEMBLY - 74HP & 110HP (ULS)

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 4-10. AIR CLEANER ASSEMBLY - 110HP (LS)

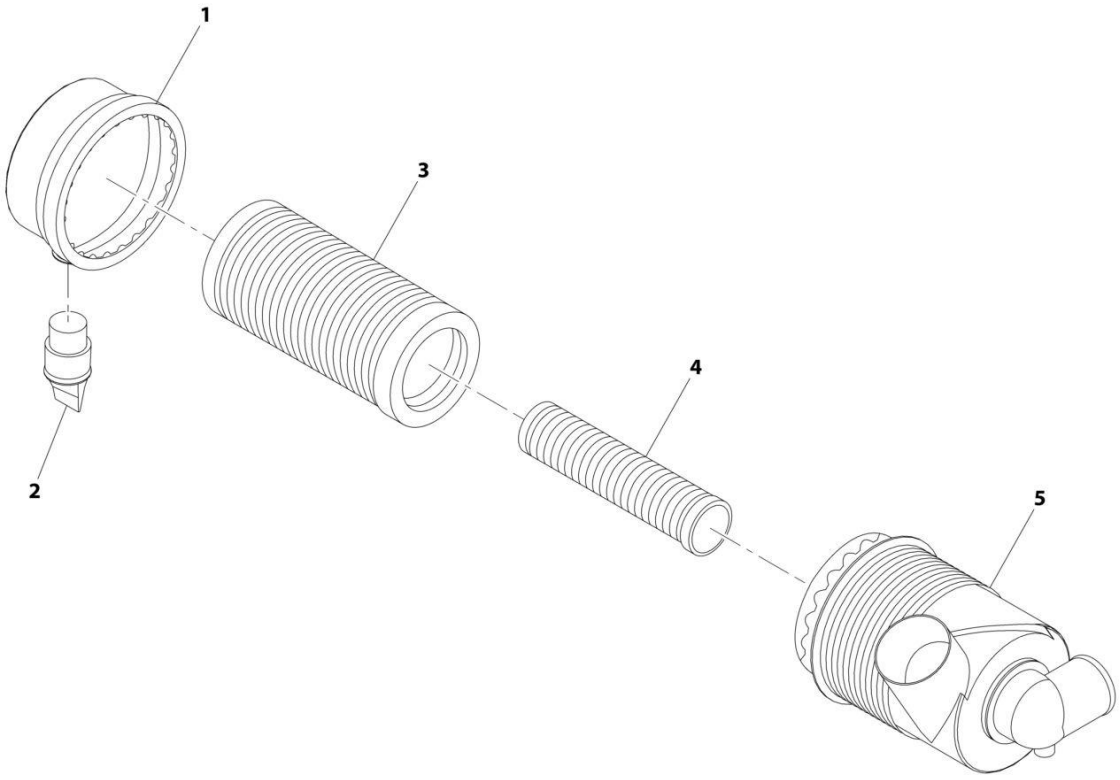


FIGURE 4-10. AIR CLEANER ASSEMBLY - 110HP (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	10268515	Ref	Air Cleaner Assembly (if equipped for LS)	D
1	91364023	1	Cover Assembly	
2	80373094	1	Vacuator Valve	
3	1101312	1	Primary Filter Element	
4	1101313	1	Secondary Filter Element	
5	See Note	NSS	Air Cleaner Body (Note; Purchase Complete Assembly)	

FIGURE 4-11. AIR CLEANER INSTALLATION - 74HP & 110HP (ULS)

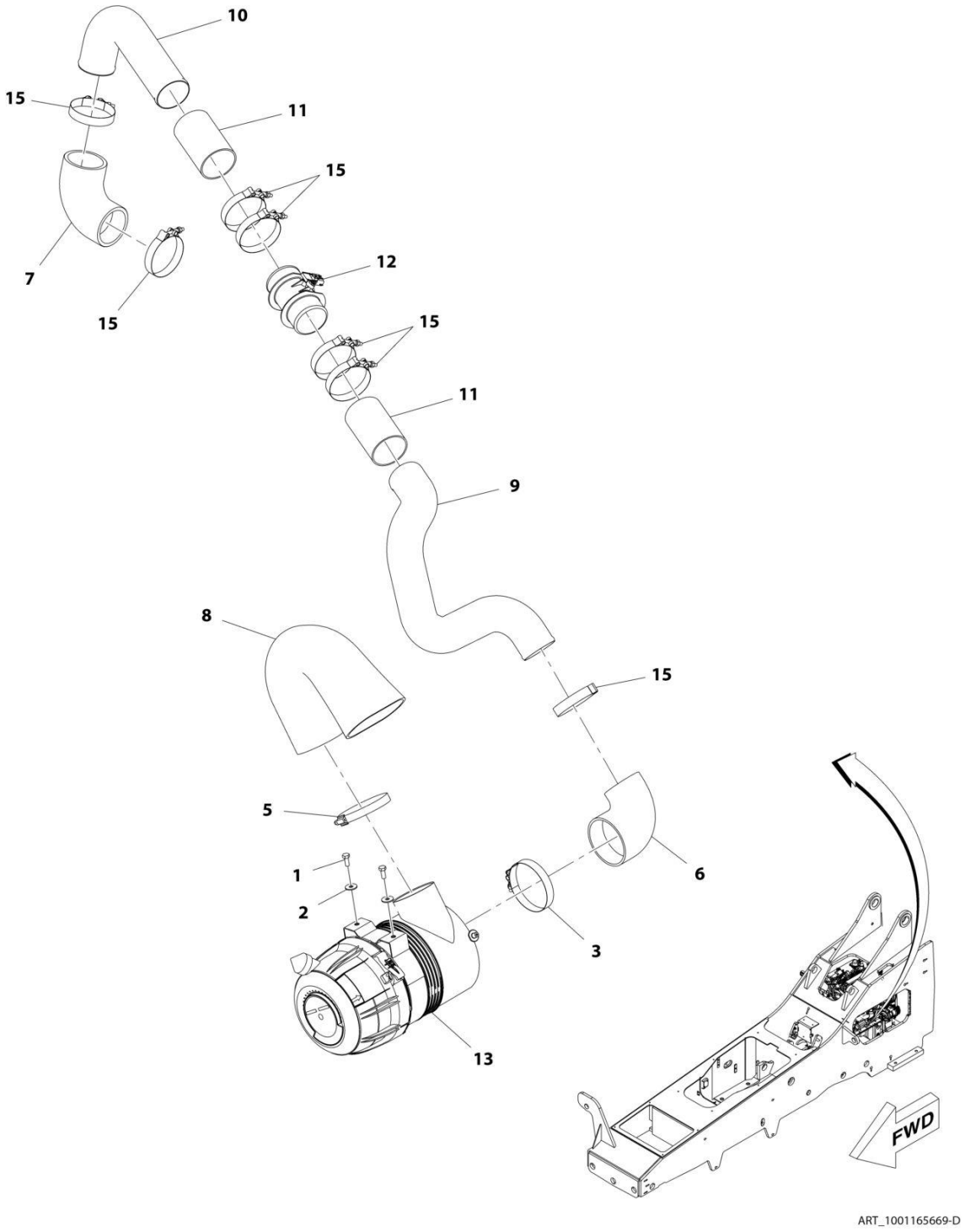


FIGURE 4-11. AIR CLEANER INSTALLATION - 74HP & 110HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165669	Ref	Air Cleaner Installation (if equipped for ULS)	D
1	0760810	2	Bolt, M8X20	
2	4811902	2	Washer, M8	
3	8405404	1	Clamp, T-Bolt	
5	10719267	1	Clamp, Hose	
6	1001201831	1	Hose, Air Intake	
7	1001120083	1	Hose, Air Intake	
8	1001165818	1	Hose, Air Intake	
9	1001168051	1	Pipe, Air Intake	
10	1001168052	1	Pipe, Air Intake	
11	1001168053	2	Hose, Sleeve	
12	1001169077	1	Sensor, PRS Temperature	
13	1001166566	1	Assembly, Air Cleaner (See Separate Breakdown in this Section)	
15	8410007	7	Clamp, T-Bolt	

FIGURE 4-12. AIR CLEANER INSTALLATION - 110HP (LS)

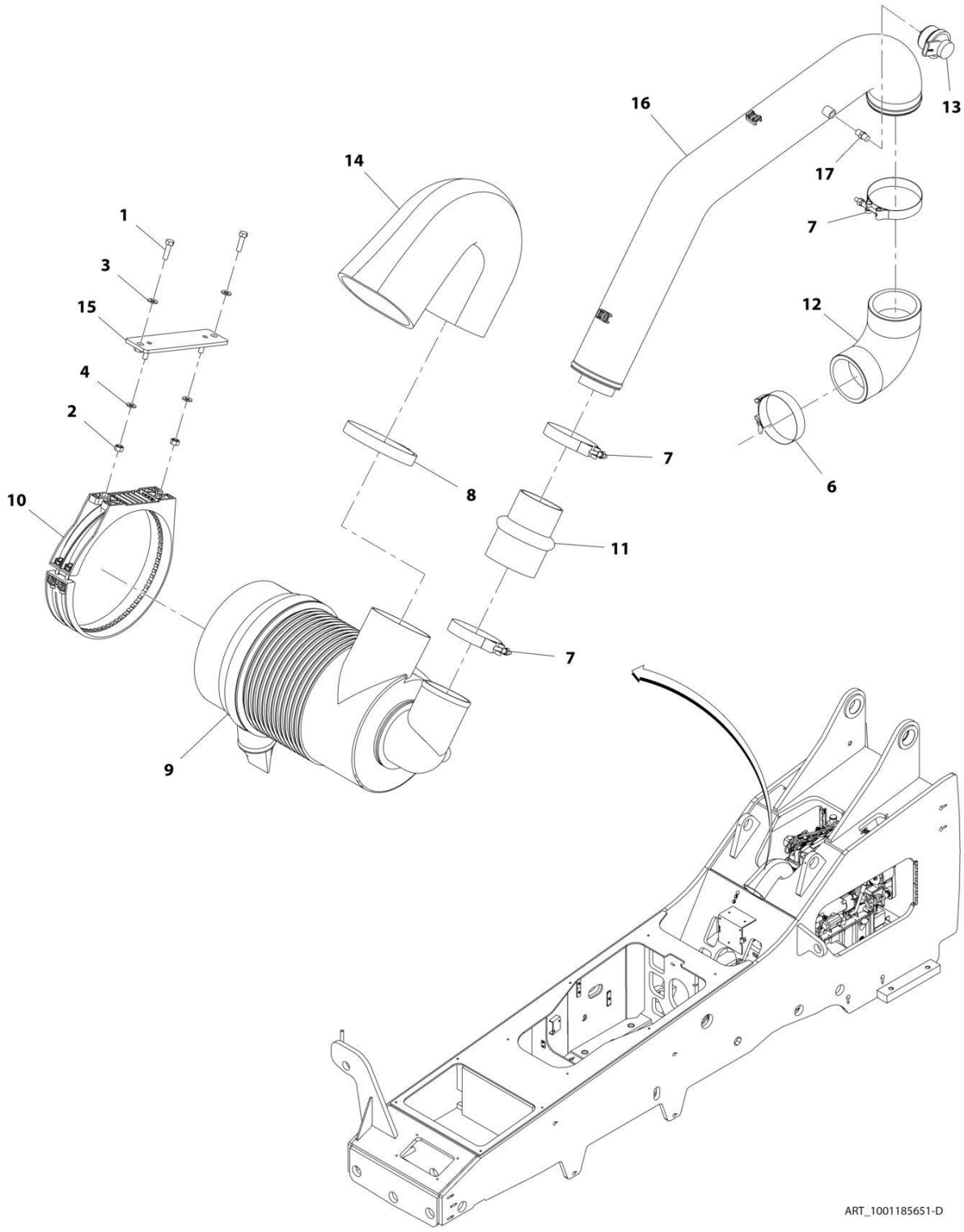


FIGURE 4-12. AIR CLEANER INSTALLATION - 110HP (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185651	Ref	Air Cleaner Installation (if equipped for LS)	D
1	0760815	2	Bolt, M8X35	
2	8305043	2	Nut, M8X1.25	
3	8307106	2	Washer, Plain 5/16	
4	8307222	2	Washer, Plain M8	
6	90028631	1	Clamp, T-Bolt	
7	8405307	3	Clamp, T-Bolt	
8	8410021	1	Clamp, T-Bolt	
9	10268515	1	Assembly, Air Cleaner (See Separate Breakdown in this Section)	
10	10268516	1	Band, Mounting	
11	91293003	1	Hose, Hump Reducer	
12	91083129	1	Elbow, Reducer	
13	1001166715	1	Restriction, Indicator	
14	1001190005	1	Hose, Air Intake	
15	1001190183	1	Bracket, Air Filter Band Mount	
16	1001212670	1	Pipe, Air Intake	
17	2180798	1	Fitting	

FIGURE 4-13. AIR INTAKE SHUT OFF VALVE INSTALLATION

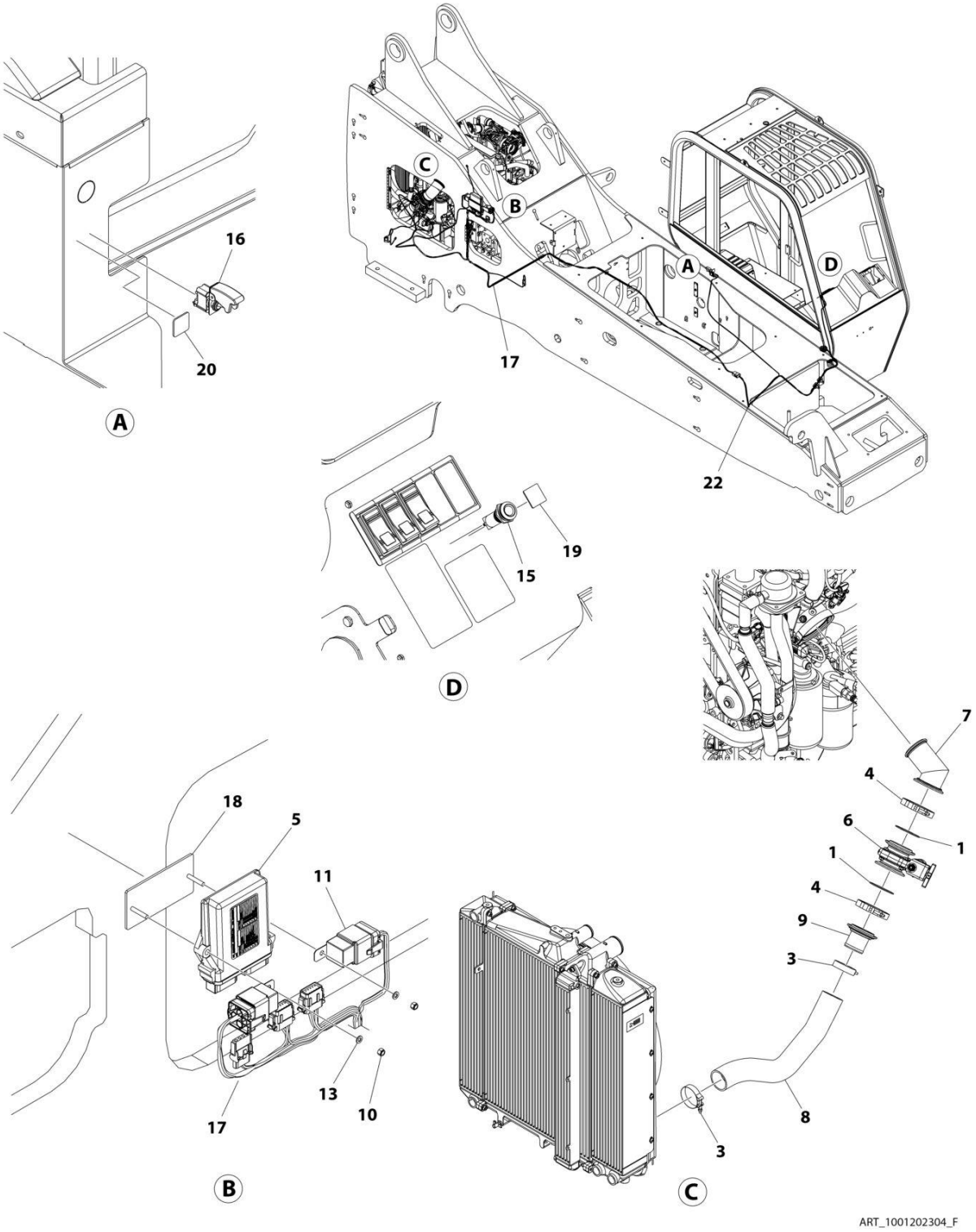


FIGURE 4-13. AIR INTAKE SHUT OFF VALVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202304	Ref	Air Intake Shut Off Valve Installation	F
1	3790152	2	Ring	
3	8405212	2	Clamp	
4	1001202247	2	Clamp	
5	1001203181	1	Accessory, Control	
6	1001204032	1	Valve, Air Shut Off (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
7	1001206956	1	Pipe	
8	1001206983	1	Hose	
9	1001206985	1	Adapter	
10	3290505	2	Nut M5 Grade 8	
11	3740080	2	Relay	
13	4811600	2	Washer, M5	
14	91053419	AR	Strap, Cable (not shown)	
15	1001239539	1	Lamp	
16	1001215941	1	Switch	
17	1001216455	1	Harness, POSI Air Shut Off Valve T4F (See Separate Breakdown in ELECTRICAL Section)	
18	1001219082	1	Bracket	
19	1001227077	1	Decal, Air Shut Off	
20	1001227964	1	Decal, ASOV Test	
22	1001231560	1	Harness, POSI Air Shut Off Valve Cab (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 4-14. BREATHER HEATER INSTALLATION - 74HP

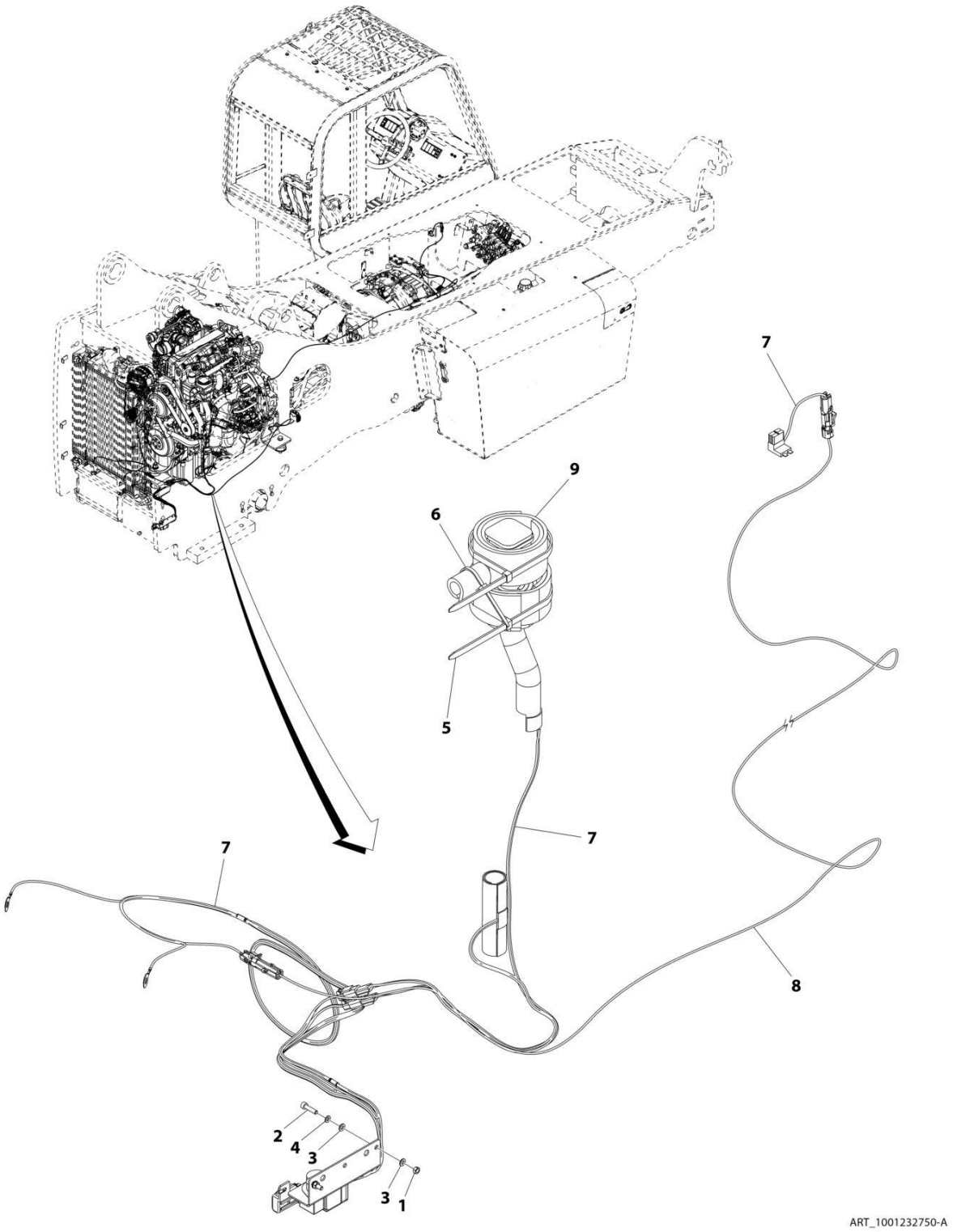


FIGURE 4-14. BREATHER HEATER INSTALLATION - 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232750	Ref	Heater Breather - 74 HP	A
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	1001232599	1	Harness, Cummins Breather Heater	
9	1001232624	1	Insulate, Cummins Insulation	

FIGURE 4-15. COOLING INSTALLATION - 74HP (ULS)

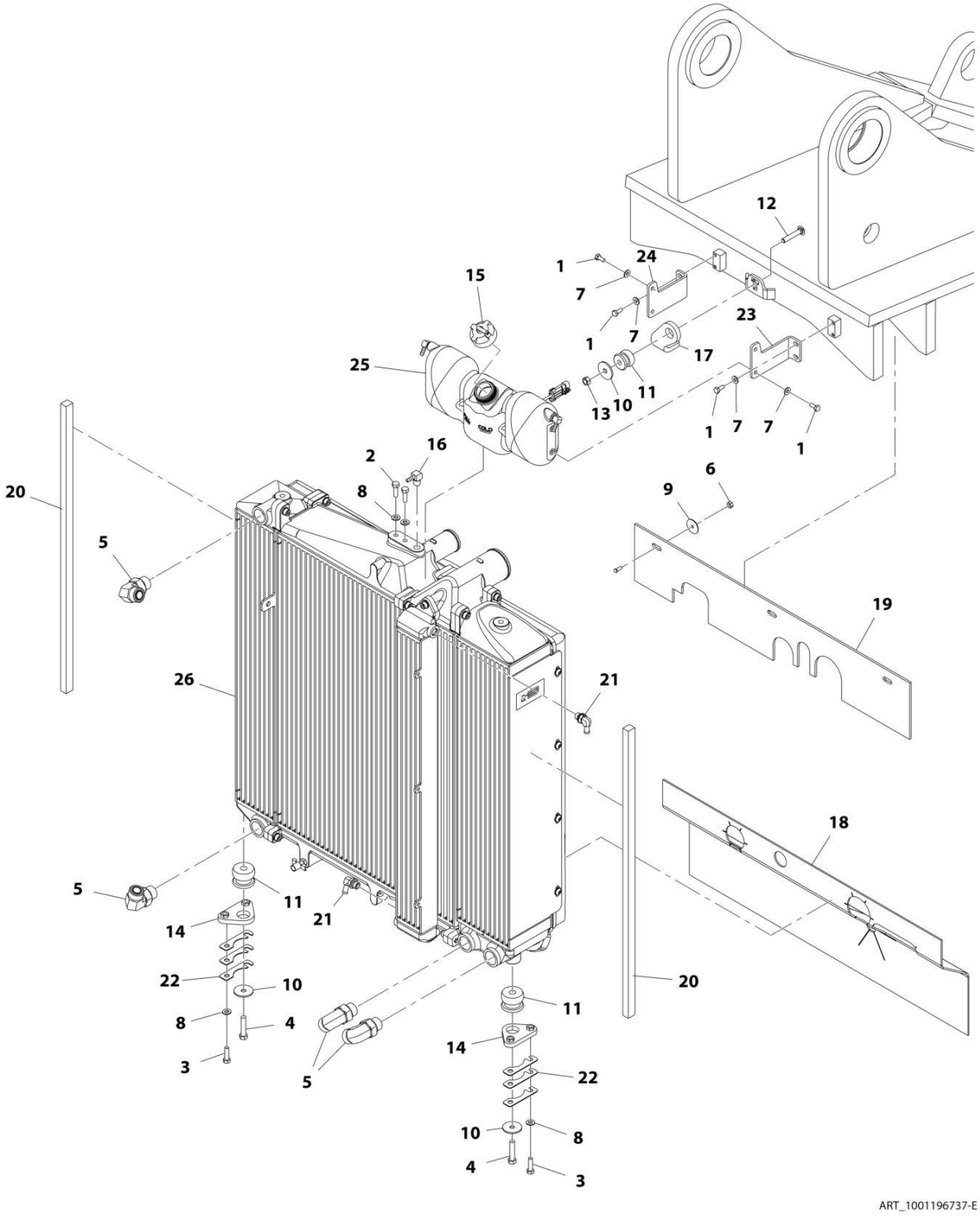


FIGURE 4-15. COOLING INSTALLATION - 74HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196737	Ref	Cooling Installation, 74HP	E
1	0641405	8	Bolt, 1/4-20X5/8	
2	0641508	2	Bolt, 5/16-18X1	
3	0641509	4	Bolt, 5/16-18X1-1/8	
4	0641614	2	Bolt, 3/8-16X1-3/4	
5	2131212	4	Adapter, 90	
6	3311401	3	Nut, 1/4-20	
7	4711400	8	Washer, 1/4	
8	4711500	6	Washer, 5/16	
9	4740362	3	Washer, Fender, 1/4	
10	7057141	3	Washer, Flat	
11	8278020	3	Mount, Rubber Isolator	
12	8310281	1	Bolt, Carriage 3/8-16X2-1/4	
13	8305008	1	Nut, 3/8-16	
14	1001120869	2	Bracket, Cooler Mount Lower	
15	1001128341	1	Cap, Deaeration Tank	
16	1001134488	1	Fitting, Barbed 90	
17	1001169059	1	Mount, Cooler Bracket	
18	1001170117	1	Panel, Air Dam	
19	1001170186	1	Panel, Air Dam Upper	
20	1001178582	2	Seal, Foam Gasket	
21	1001178776	2	Fitting, Hose Barb 90	
22	1001179845	6	Shim	
23	1001181584	1	Bracket, LH Tank	
24	1001181585	1	Bracket, RH Tank	
25	1001182255	1	Assembly, Deaeration Tank (See Separate Breakdown in this Section)	
26	1001197475	1	Assembly, Radiator (See Separate Breakdown in this Section)	

FIGURE 4-16. COOLING INSTALLATION - 110HP (ULS & LS)

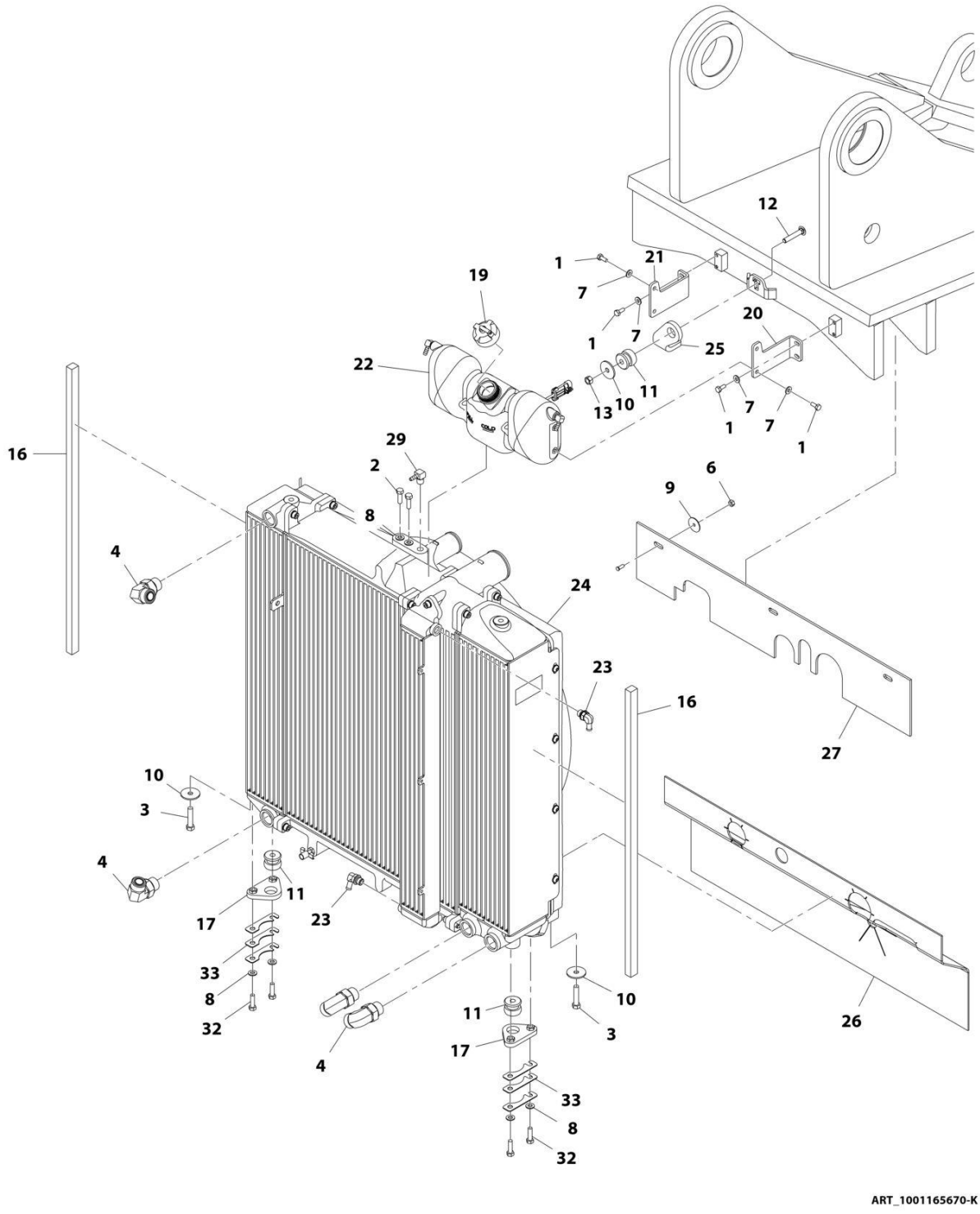


FIGURE 4-16. COOLING INSTALLATION - 110HP (ULS & LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165670	Ref	Cooling Installation, 85HP	K
1	0641405	8	Bolt, 1/4-20X5/8	
2	0641508	2	Bolt, 5/16-18X1	
3	0641614	2	Bolt, 3/8-16X1-3/4	
4	2131212	4	Adapter, 90	
6	3311401	3	Nut, 1/4-20	
7	4711400	8	Washer, 1/4	
8	4711500	6	Washer, 5/16	
9	4740362	3	Washer, Fender 1/4	
10	7057141	3	Washer, Flat	
11	8278020	3	Mount, Rubber Isolator	
12	8310281	1	Bolt, Carriage 3/8-16X2-1/4	
13	8305008	1	Nut, 3/8-16	
16	1001178582	2	Seal, Foam Gasket	
17	1001120869	2	Bracket, Cooler Mount Lower	
19	1001128341	1	Cap, Deaeration Tank	
20	1001181584	1	Bracket, LH Tank	
21	1001181585	1	Bracket, RH Tank	
22	1001182255	1	Assembly, Deaeration Tank (See Separate Breakdown in this Section)	
23	1001178776	2	Fitting, Hose Barb 90	
24	1001168478	1	Assembly, Radiator (See Separate Breakdown in this Section)	
25	1001169059	1	Mount, Cooler Bracket	
26	1001170117	1	Panel, Air Dam	
27	1001170186	1	Panel, Air Dam Upper	
29	1001134488	1	Fitting, Barbed 90	
32	0641509	4	Bolt, 5/16-18X1-1/8	
33	1001179845	6	Shim	

FIGURE 4-17. COOLING LINES INSTALLATION - 74HP & 110HP (ULS)

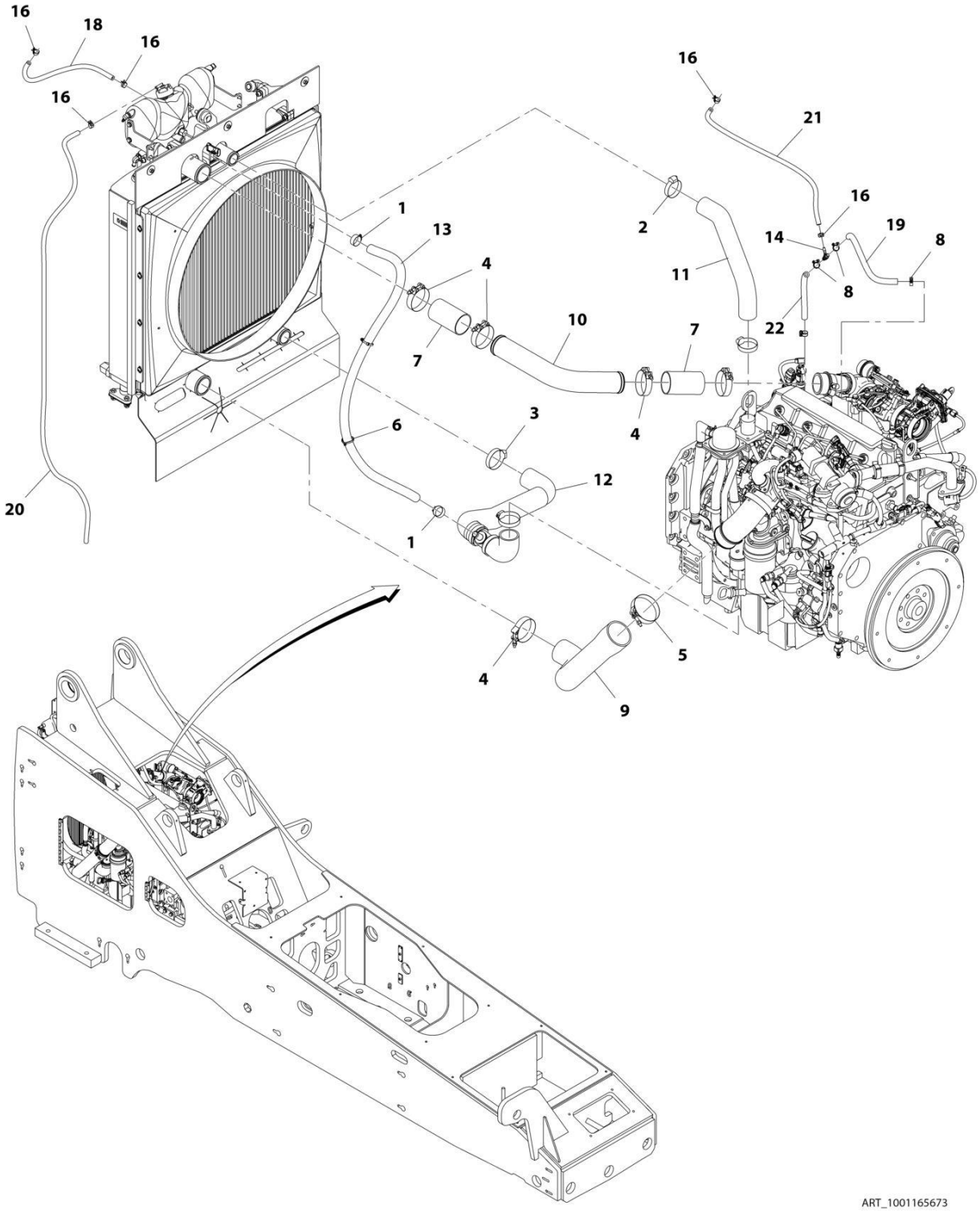


FIGURE 4-17. COOLING LINES INSTALLATION - 74HP & 110HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165673	Ref	Plumbing Cooling Installation (if equipped for ULS)	I
1	8405007	2	Clamp, Gear 1-1/4	
2	8405104	2	Clamp, Gear 2-1/4	
3	8405201	2	Clamp, Gear 2-1/2	
4	8405212	5	Clamp, T-Bolt	
5	8405305	1	Clamp, T-Bolt	
6	1001004720	2	Strap, Cable	
7	1001114495	2	Hose, CAC Straight	
8	1001136975	4	Clamp, Fuel Hose	
9	1001201983	1	Hose, CAC Outlet	
10	1001169271	1	Pipe, CAC Inlet	
11	1001169272	1	Hose, Upper Radiator	
12	1001201945	1	Hose, Lower Radiator	
13	1001169274	1	Hose, Draw Down	
14	1001235725	1	Fitting, Union Tee	
16	1001213938	5	Clamp, Fuel Line	
18	1001203969	1	Hose, Vent Line	
19	1001203970	1	Hose, Vent Line	
20	1001204097	1	Hose, Vent Line	
21	1001204098	1	Hose, Vent Line	
22	1001204099	1	Hose, Vent Line	

FIGURE 4-18. COOLING LINES INSTALLATION - 110HP (LS)

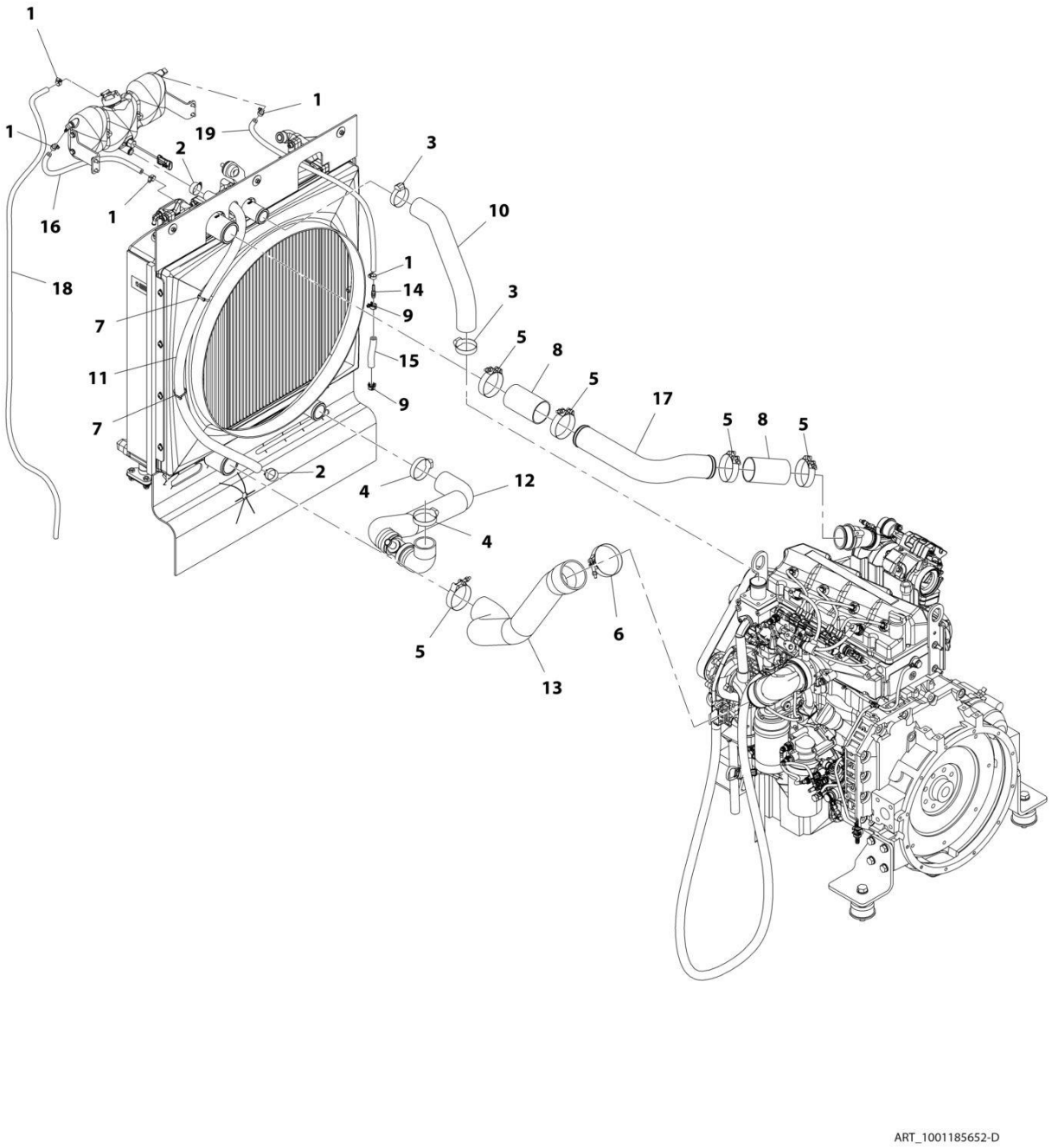
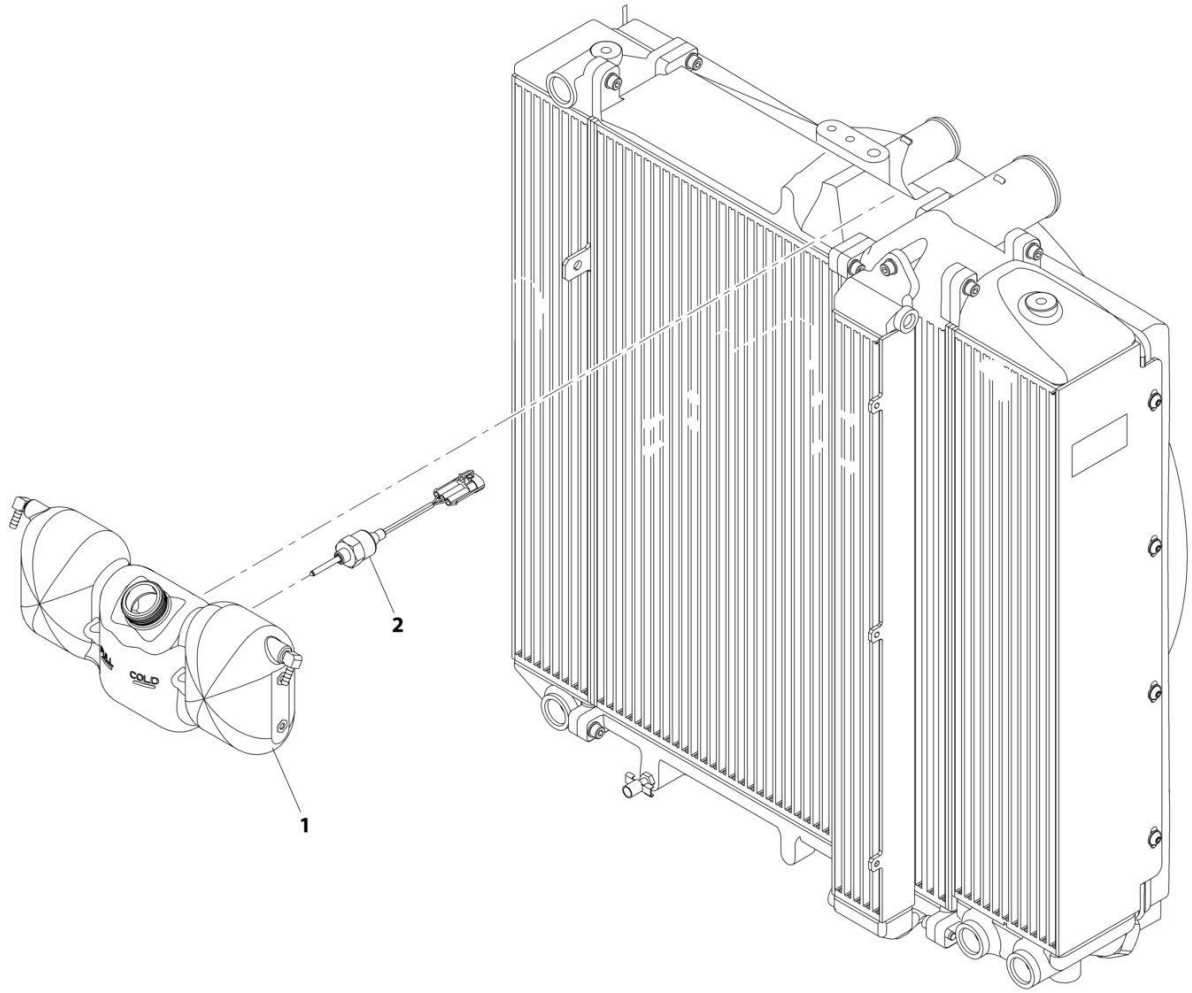


FIGURE 4-18. COOLING LINES INSTALLATION - 110HP (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185652	Ref	Plumbing Cooling Installation (if equipped for LS)	D
1	1320022	5	Clamp, Fuel Line	
2	8405007	2	Clamp, Gear 1-1/4	
3	8405104	2	Clamp, Gear 2-1/4	
4	8405201	2	Clamp, Gear 2-1/2	
5	8405212	5	Clamp, T-Bolt	
6	8405305	1	Clamp, T-Bolt	
7	1001004720	2	Strap, Cable	
8	1001114495	2	Hose, CAC Straight	
9	1001136975	2	Clamp, Fuel Hose	
10	1001169272	1	Hose, Upper Radiator	
11	1001169274	1	Hose, Draw Down	
12	1001201945	1	Hose, Lower Radiator	
13	1001189318	1	Hose, CAC Outlet	
14	1001189602	1	Fitting, Union Tee	
15	1001189712	1	Hose, Vent Line 3/8	
16	1001203969	1	Hose, Vent 1/4	
17	1001189715	1	Pipe, CAC Inlet	
18	1001204097	1	Hose, Vent 1/4	
19	1001204098	1	Hose, Vent 1/4	

FIGURE 4-19. DE-AERATION TANK ASSEMBLY - 74HP & 110HP (ULS)



ART_1001182255-K

FIGURE 4-19. DE-AERATION TANK ASSEMBLY - 74HP & 110HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182255	Ref	Deaeration Tank Assembly	K
1	1001153912	1	Tank, Deaeration	
2	1001245478	1	Sensor, Coolant Level	

FIGURE 4-20. DEF SYSTEM INSTALLATION

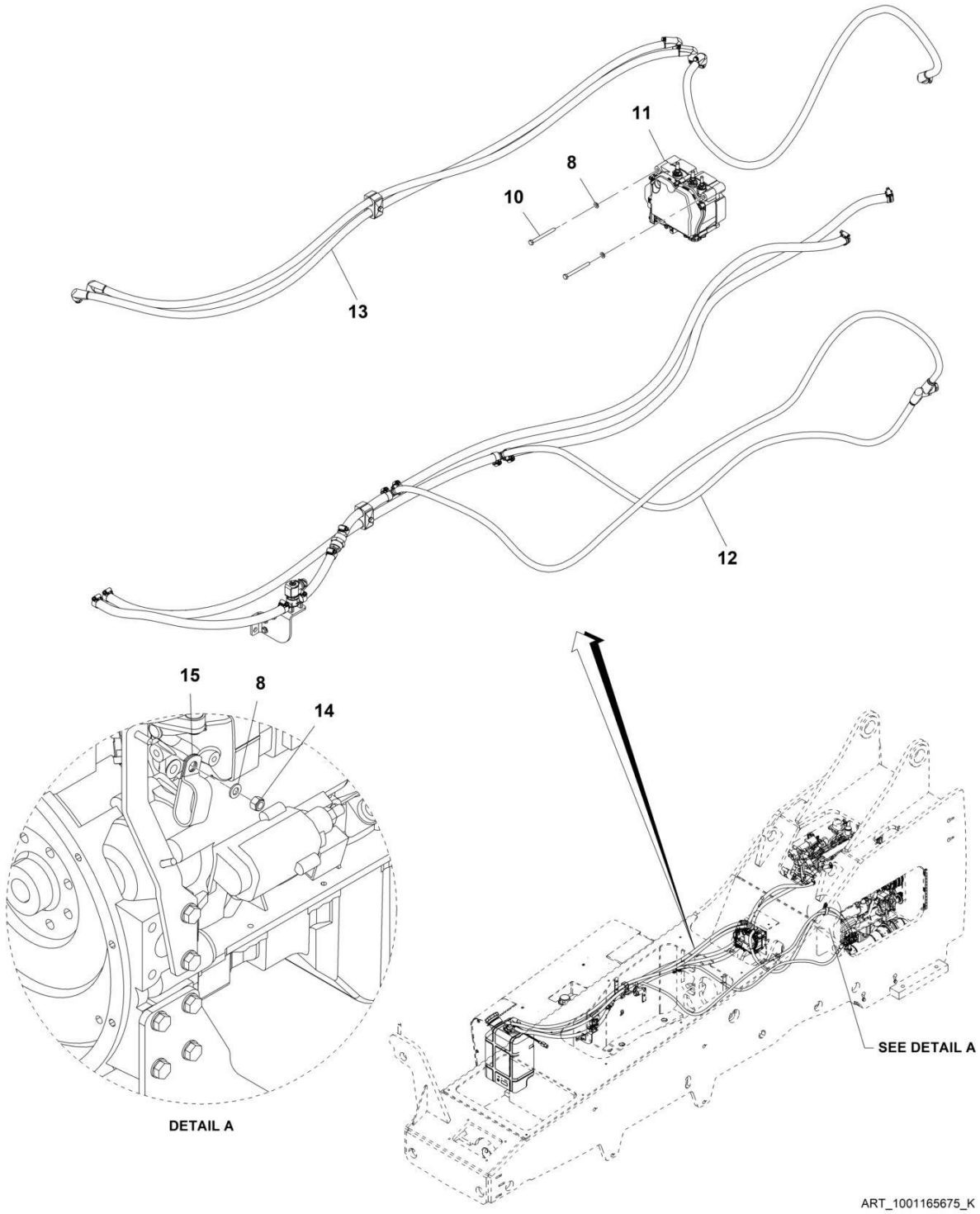


FIGURE 4-20. DEF SYSTEM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165675	Ref	DEF System Installation (if equipped for ULS)	K
8	4811900	4	Washer, M8	
10	8310424	3	Bolt, M8X90	
11	1001213210	Ref	DEF Pump Assembly (See Separate Breakdown in this Section)	
12	1001229117	Ref	DEF Coolant Lines Installation (Not Shown -See separate Breakdown in this Section)	
13	1001229025	Ref	DEF Lines Installation (Not Shown - See separate Breakdown in this Section)	
14	3290805	1	Nut, Lock M8X1-1/4	
15	1001181899	1	Clamp	

FIGURE 4-21. DEF COOLANT LINES INSTALLATION

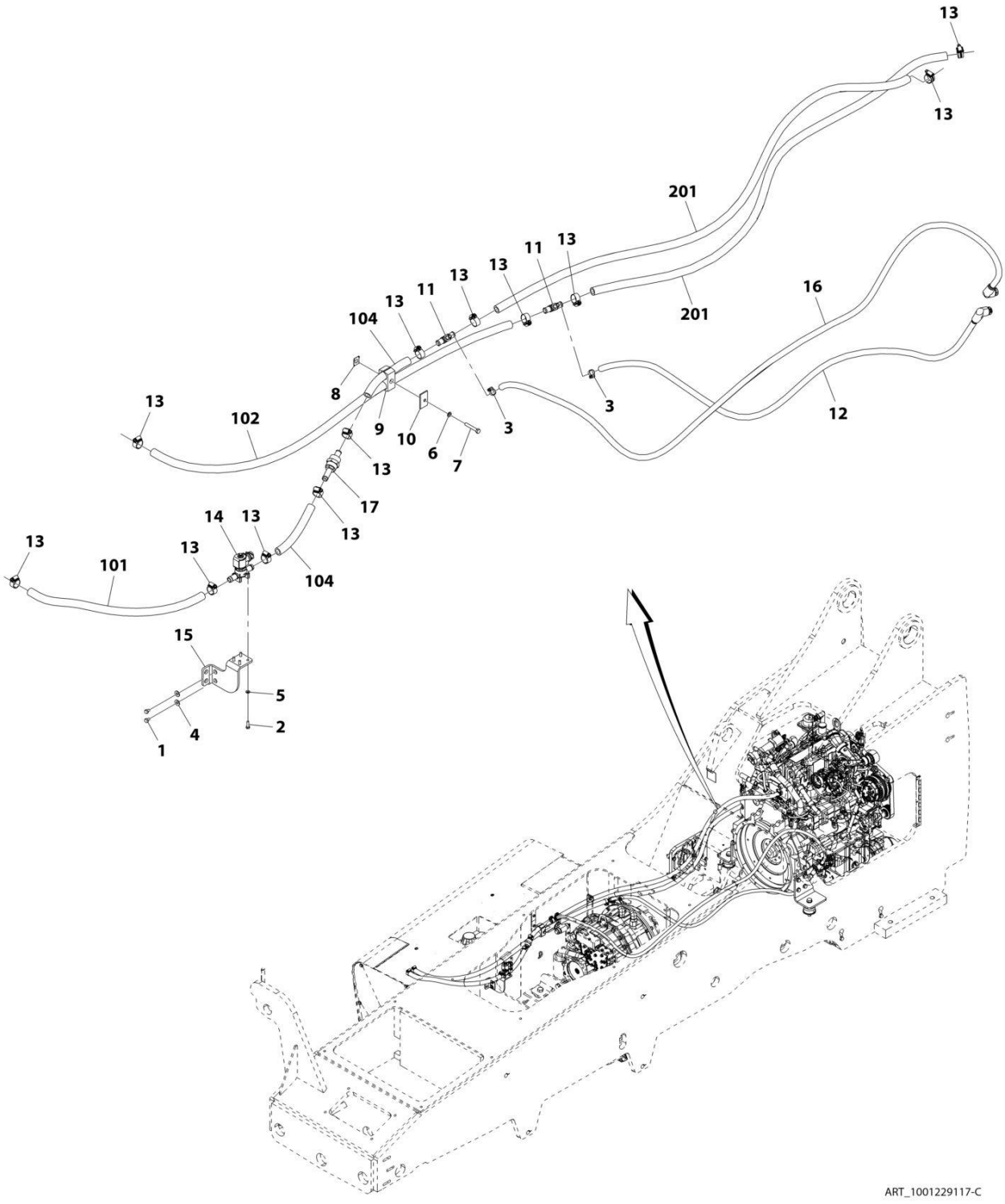


FIGURE 4-21. DEF COOLANT LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229117	Ref	DEF Coolant Lines Installation	C
1	0641403	2	Bolt, 1/4X3/8	
2	0760610	4	Bolt, M6X20	
3	1320032	2	Clamp, Fuel Line	
4	4751400	2	Washer, 1/4	
5	4811700	4	Washer, M6	
6	8307004	1	Washer 5/16	
7	8310009	1	Bolt, 5/16X2	
8	8750017	1	Plate, Locking	
9	8769127	1	Clamp Set, Twin	
10	8769128	1	Plate, Twin Cover	
11	1001162212	2	Fitting, Hose Barb Tee	
12	1001169001	1	Hose	
13	1001173535	12	Clamp	
14	1001199670	1	Valve, Coolant Control	
15	1001199951	1	Bracket, Valve Mount	
16	1001224096	1	Hose	
17	1001228872	1	Filter, Coolant Screen	
101	1001171472	1	Hose	
102	1001171473	1	Hose	
103	1001229210	2	Hose	
201	1001171474	2	Hose	

FIGURE 4-22. DEF LINES INSTALLATION

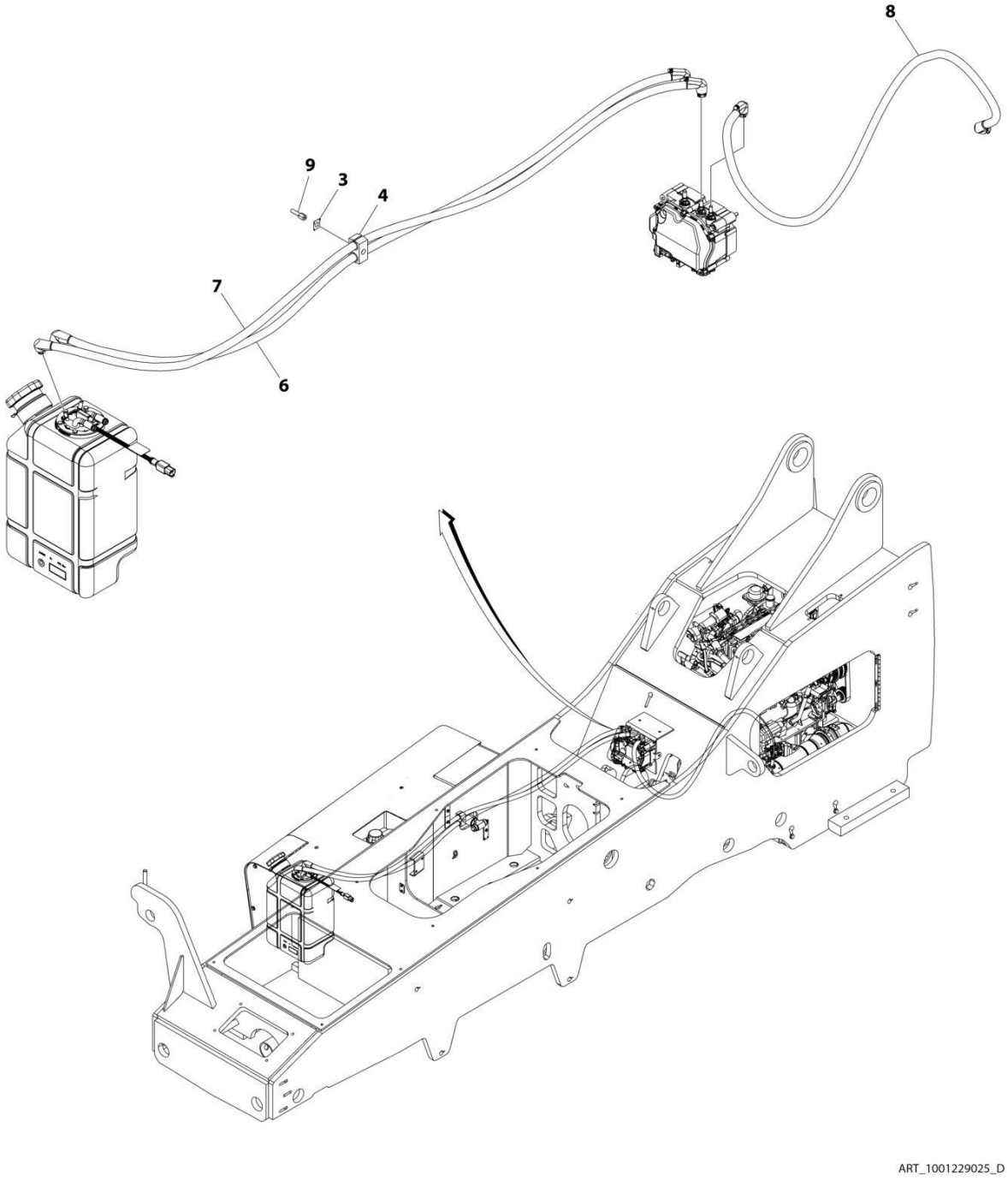


FIGURE 4-22. DEF LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229025	Ref	DEF Lines Installation	D
3	8750017	1	Plate, Locking	
4	8769127	1	Clamp Set, Twin	
6	1001229023	1	Hose	
7	1001229024	1	Hose	
8	1001168859	1	Hose	
9	8750012	1	Bolt, Stacking	

FIGURE 4-23. DEF PUMP ASSEMBLY

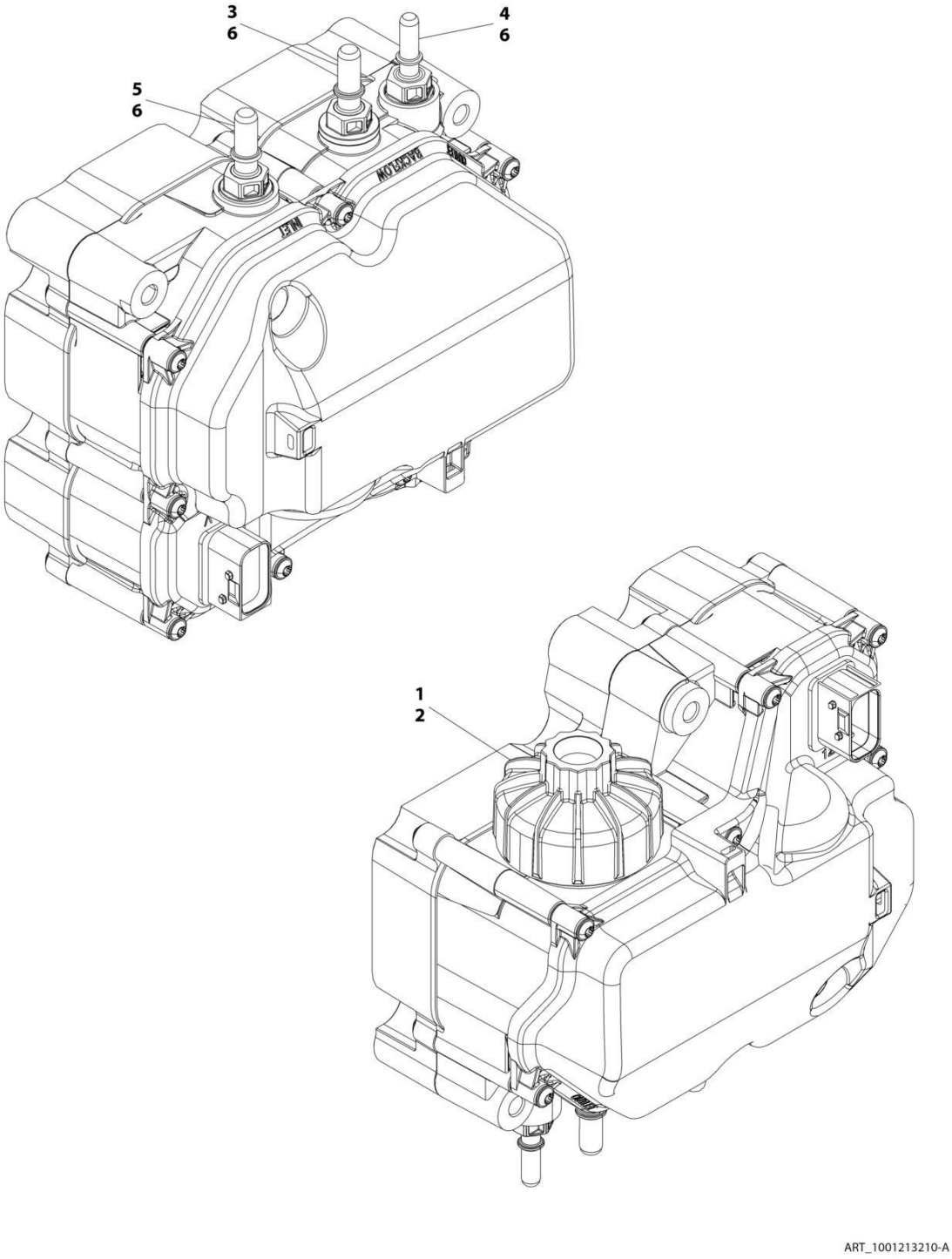


FIGURE 4-23. DEF PUMP ASSEMBLY

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 4-24. EXHAUST INSTALLATION - 74HP (ULS)

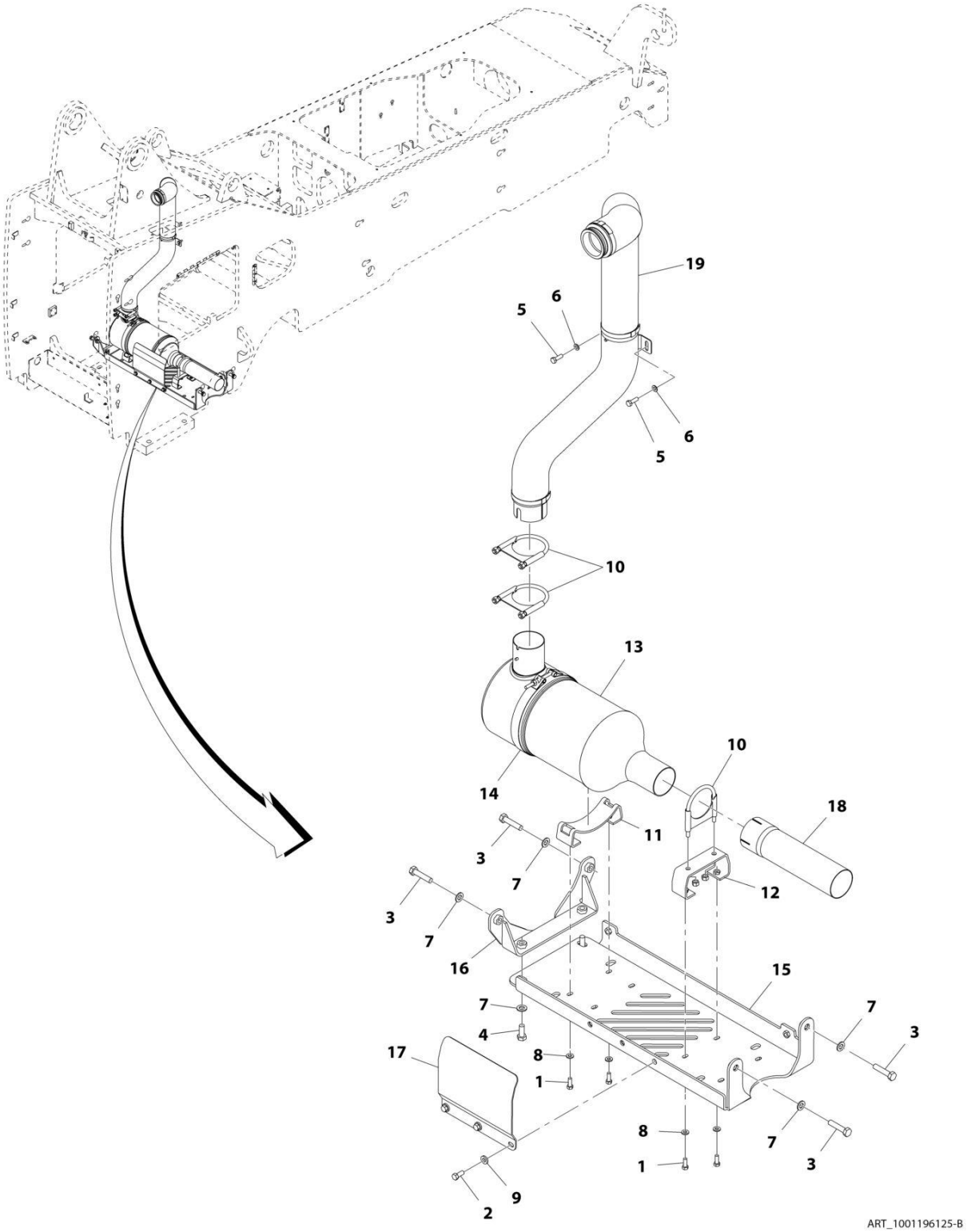


FIGURE 4-24. EXHAUST INSTALLATION - 74HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196125	Ref	Exhaust Installation, 74HP (if equipped for ULS)	B
1	0641507	4	Bolt, 5/16-18X7/8	
2	0641607	3	Bolt, 3/8-16X7/8	
3	0701219	4	Bolt, M12X55	
4	0711214	2	Bolt, M12X30	
5	0760812	2	Bolt, M8X25	
6	4811900	2	Washer, M8	
7	4812100	6	Washer, M12	
8	4891500	4	Washer, 5/16	
9	4891600	3	Washer, 3/8	
10	24921332	3	Clamp	
11	1001128363	1	Bracket	
12	1001128364	1	Bracket	
13	1001128714	1	Muffler	
14	1001128901	1	Strap	
15	1001166935	1	Bracket	
16	1001169057	1	Bracket	
17	1001174327	1	Shield	
18	1001196396	1	Pipe, Exhaust	
19	1001196397	1	Pipe, Exhaust	

FIGURE 4-25. EXHAUST INSTALLATION - 110HP (LS)

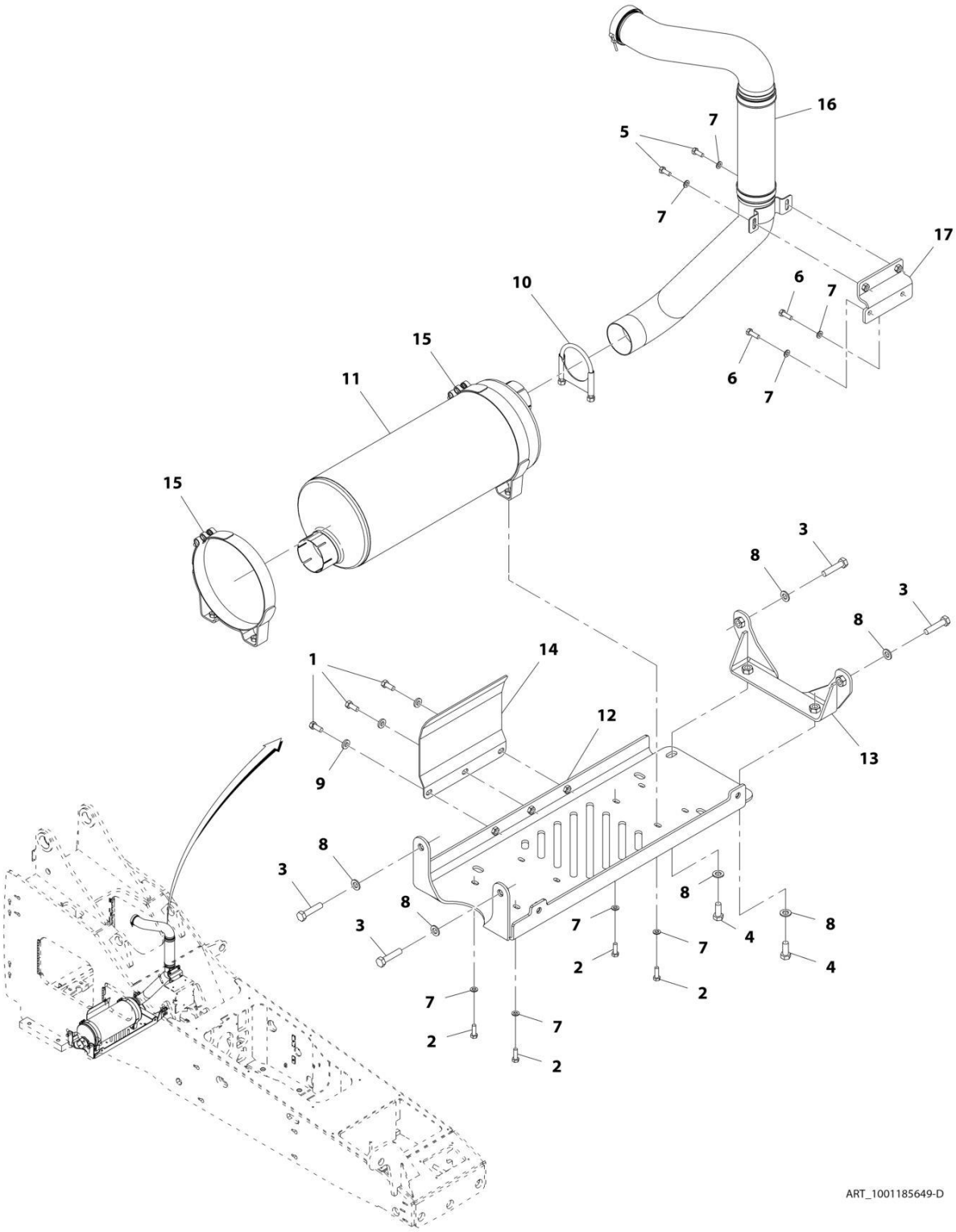


FIGURE 4-25. EXHAUST INSTALLATION - 110HP (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185649	Ref	Exhaust Installation, 85HP (if equipped for LS)	D
1	0641607	3	Bolt, 3/8-16X7/8	
2	0700812	4	Bolt, M8X25	
3	0701219	4	Bolt, M12X55	
4	0711214	2	Bolt, M12X30, Grade 10.9	
5	0760810	2	Bolt, M8X20	
6	0760812	2	Bolt, M8X25	
7	4811900	8	Washer, M8	
8	4812100	6	Washer, M12	
9	4891600	3	Washer, 3/8	
10	24921332	1	Clamp	
11	91163035	1	Muffler	
12	1001166935	1	Bracket	
13	1001169057	1	Bracket	
14	1001174327	1	Shield	
15	1001180227	2	Muffler, Band Clamp	
16	1001190962	1	Pipe, Exhaust	
17	1001190990	1	Bracket, Exhaust Support	

FIGURE 4-26. EXHAUST INSTALLATION - 110HP (ULS)

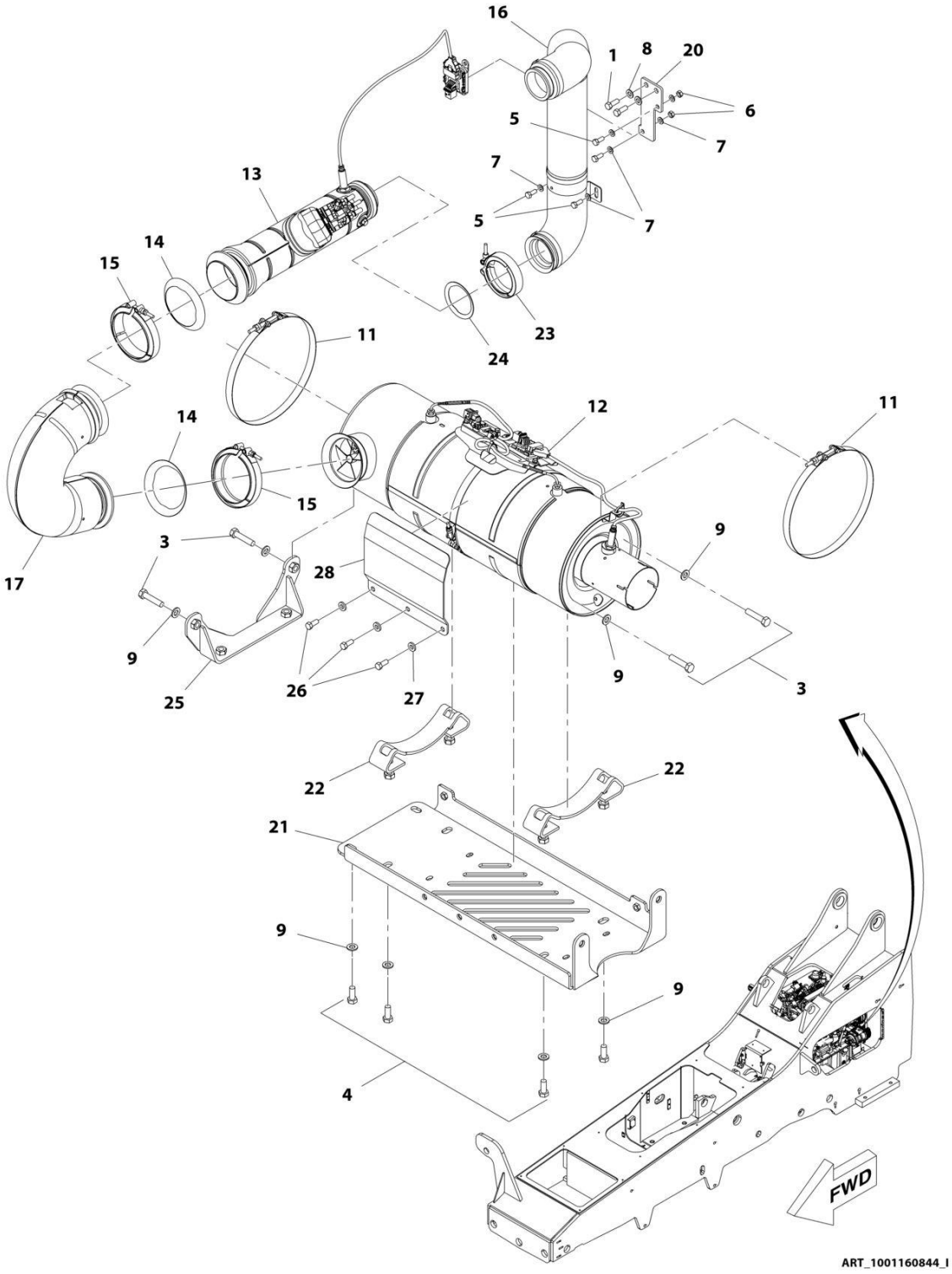


FIGURE 4-26. EXHAUST INSTALLATION - 110HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160844	Ref	EXHAUST INSTALLATION - 110HP (ULS)	H
1	0641608	2	Bolt 3/8-16 x 1	
3	0701219	4	Bolt M12 x 55	
4	0711214	6	Bolt M12 x 30, Grade 10.9	
5	0760810	4	Bolt M8 x 20	
6	3290801	2	Nut M8 x 1-1/4	
7	4811900	6	Washer M8	
8	4812000	2	Washer M10	
9	4812100	10	Washer M12	
11	1001159932	2	Strap, Clamp	
12	1001160782	1	Muffler, After-Treatment	
13	1001164404	1	Muffler, Decomposition Reactor Tube	
14	1001241318	2	Seal, Gasket	
15	1001241482	2	Clamp, V-Band	
16	1001183811	1	Pipe, Exhaust	
17	1001165609	1	Pipe, Exhaust	
20	1001166693	1	Bracket	
21	1001166935	1	Bracket	
22	1001166976	2	Bracket	
23	1001167167	1	Clamp, V-Band	
24	1001167168	1	Seal, Gasket	
25	1001169057	1	Bracket	
26	0641607	3	Bolt 3/8-16 x 7/8	
27	4891600	3	Washer 3/8	
28	1001174327	1	Shield	

FIGURE 4-27. FAN INSTALLATION - 74HP (ULS)

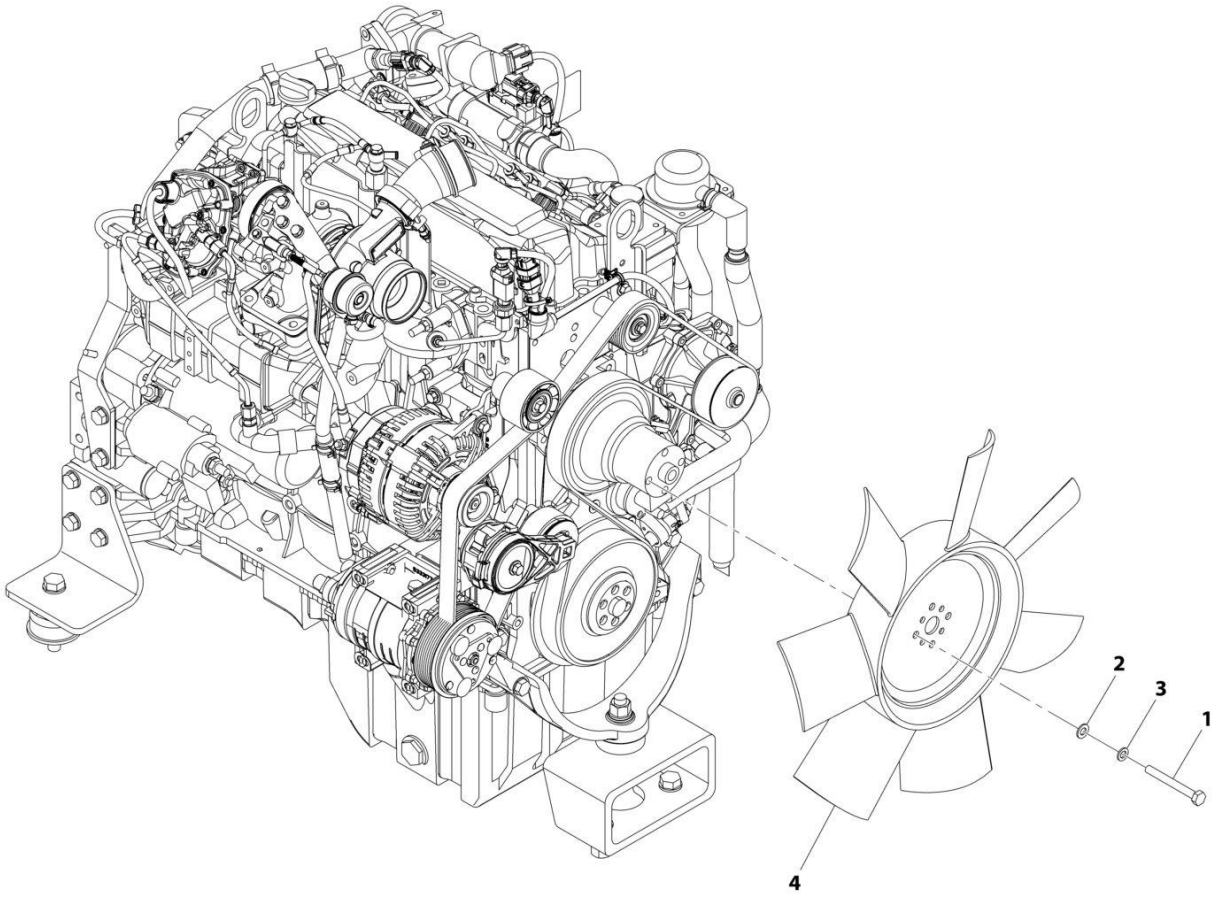
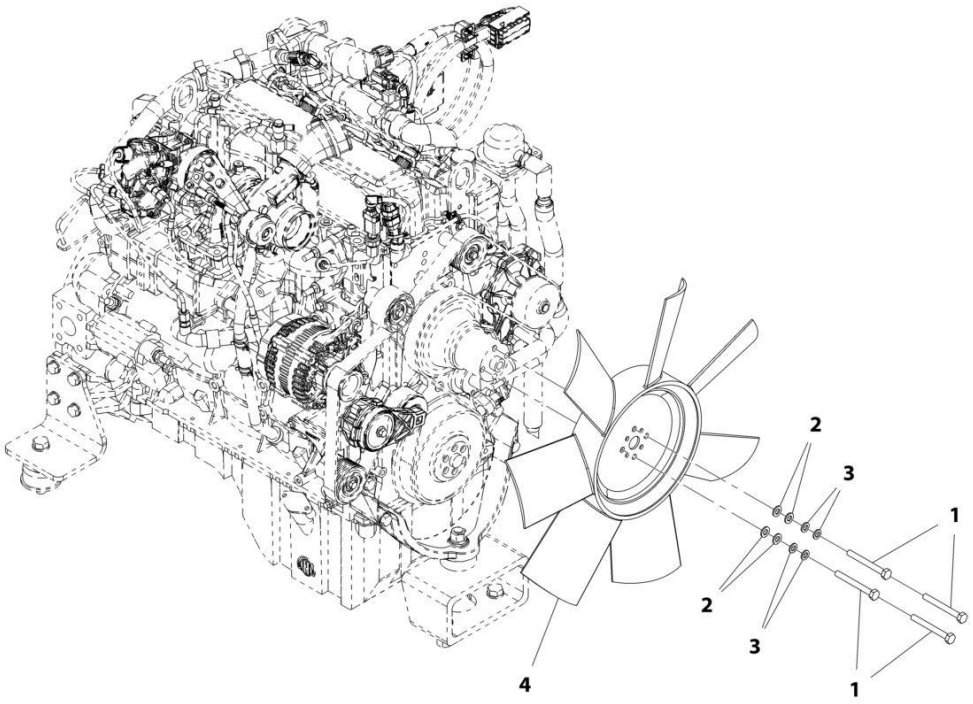


FIGURE 4-27. FAN INSTALLATION - 74HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196736	Ref	Fan Installation, 74HP	C
1	0701026	4	Bolt, M10X90	
2	4812000	4	Washer, M10	
3	4832000	4	Washer, Lock M10	
4	1001210351	1	Fan	

FIGURE 4-28. FAN INSTALLATION - 110HP (ULS & LS)



ART_1001165668-B

FIGURE 4-28. FAN INSTALLATION - 110HP (ULS & LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165668	Ref	Fan Installation, 85HP	B
1	0701026	4	Bolt, M10X90	
2	4812000	4	Washer, M10	
3	4832000	4	Washer, Lock M10	
4	1001174822	1	Fan	

FIGURE 4-29. FUEL LINES INSTALLATION - 74HP & 110HP (ULS)

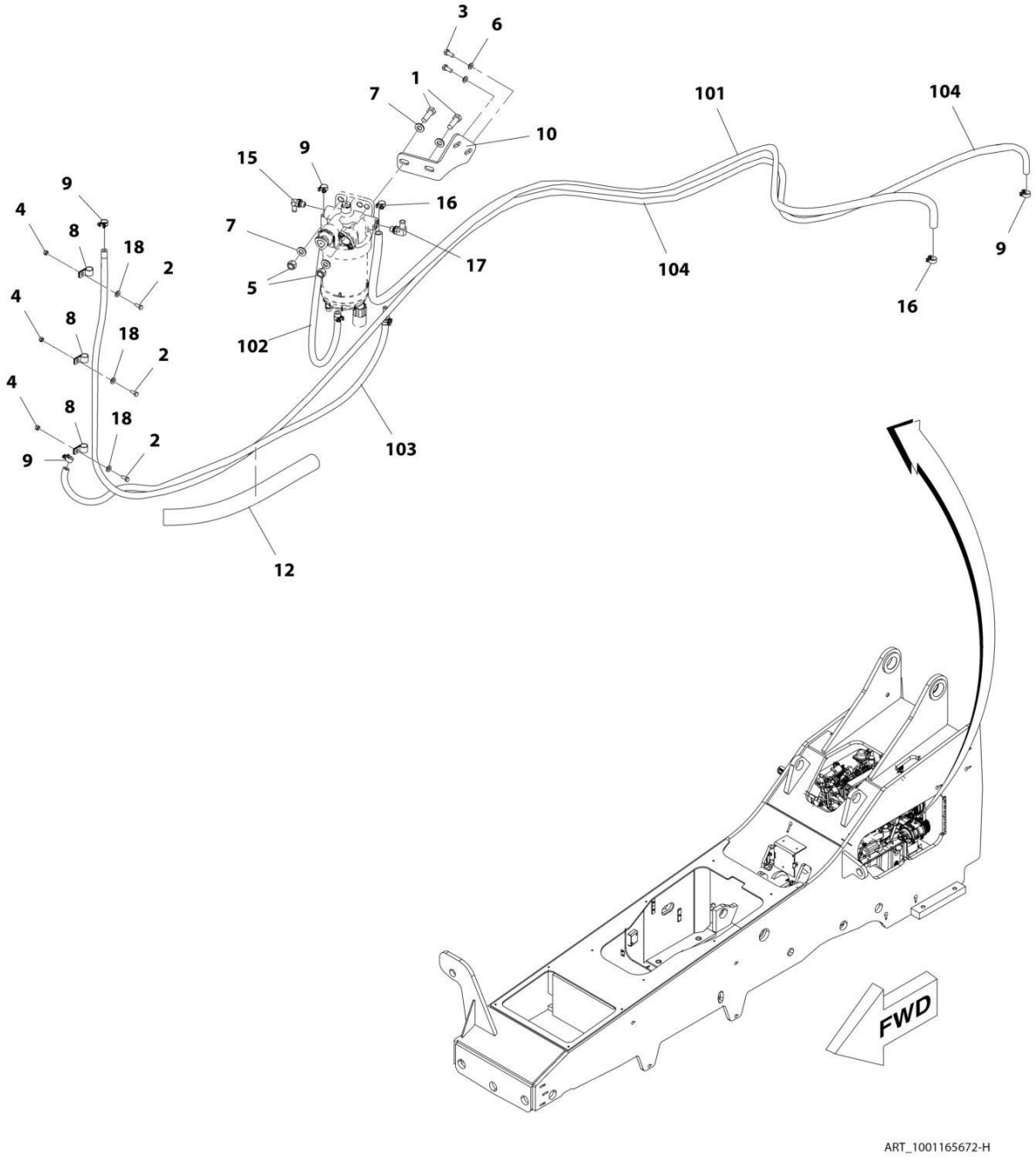


FIGURE 4-29. FUEL LINES INSTALLATION - 74HP & 110HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165672	Ref	Fuel Plumbing Installation (if equipped for ULS)	H
1	0701216	2	Bolt, M12X40	
2	0760608	3	Bolt, M6X16	
3	0761012	2	Bolt, M10X25	
4	3290605	3	Nut, Lock M6X1	
5	3291205	2	Nut, Lock M12X1-3/4	
6	4812000	2	Washer, M10	
7	4812100	4	Washer, M12	
8	8406112	3	Clip, Tube 5/8	
9	1001136975	5	Clamp, Fuel Hose	
10	1001182603	1	Bracket, Filter Mount	
12	1001136358	1	Sleeve, Abrasion	
15	1001182094	1	Adapter, Banjo M14X3/8	
16	1001175568	2	Clip, Hose	
17	1001179375	1	Adapter, Banjo M14X1/2	
18	4811700	3	Washer, M6	
101	1001171802	1	Hose	
102	1001171803	1	Hose	
103	1001201111	1	Hose	
104	1001171805	1	Hose	

FIGURE 4-30. FUEL LINES INSTALLATION - 110HP (LS)

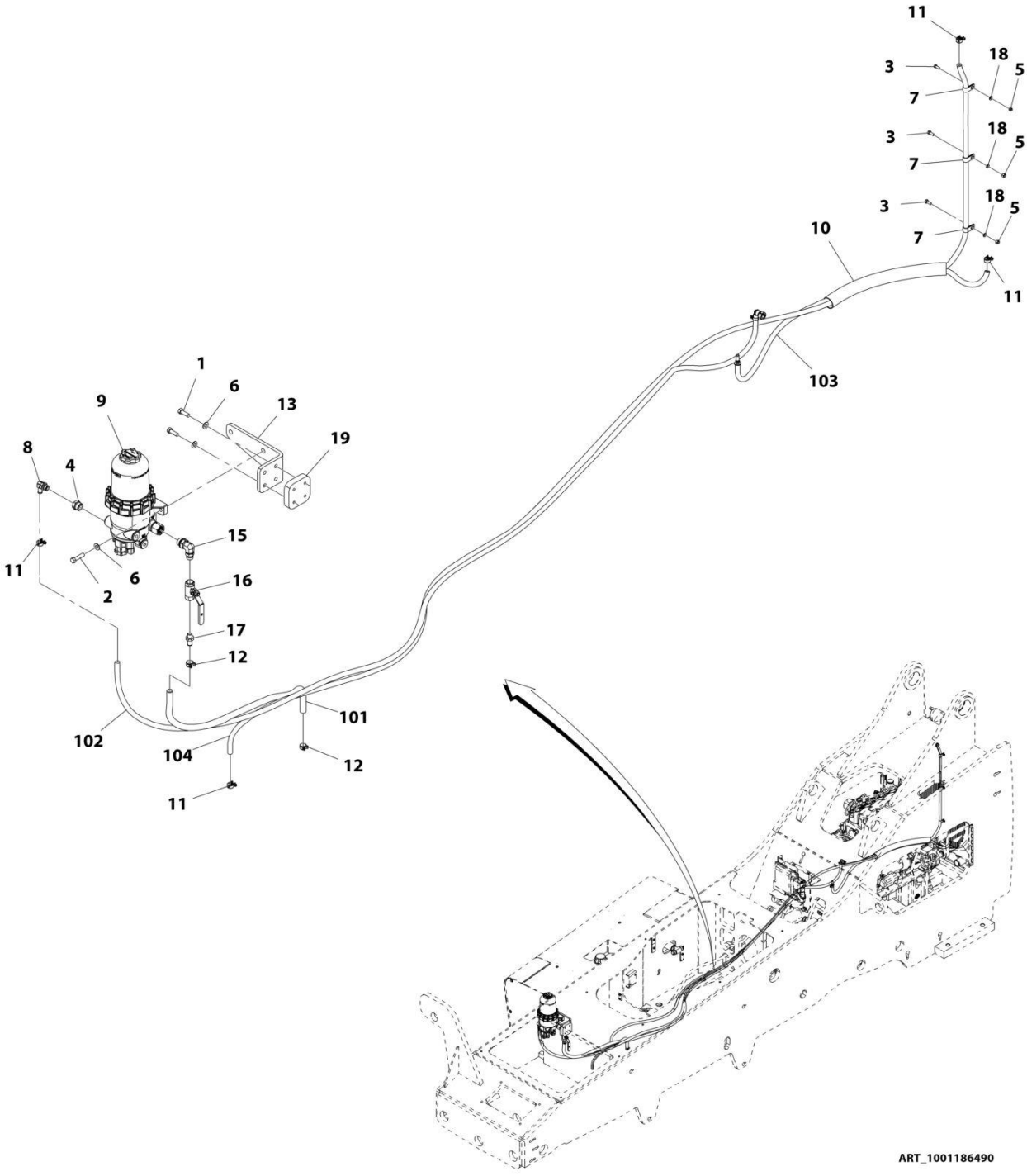


FIGURE 4-30. FUEL LINES INSTALLATION - 110HP (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186490	Ref	Fuel Plumbing Installation (if equipped for LS)	J
1	0641609	4	Bolt, 3/8-16X1-1/8	
2	0641612	2	Bolt, 3/8-16X1-1/2	
3	0760608	3	Bolt, M6X16	
4	2220218	1	Adapter, Straight	
5	3290605	3	Nut, Lock M6X1	
6	4711600	6	Washer, 3/8	
7	8406112	3	Clip, Tube 5/8	
8	1001178776	1	Elbow, 90	
9	1001133534	1	Filter, Fuel	
10	1001136358	1	Sleeve, Abrasion	
11	1001136975	4	Clamp, Fuel Hose	
12	1001175568	2	Clip, Hose	
13	1001190349	1	Bracket, Support	
15	1001190629	1	Adapter, 90	
16	1001190630	1	Valve Shutoff, Female	
17	1001190631	1	Fitting, Hose Barb	
18	4811600	3	Washer, M6	
19	1001190344	1	Bracket	
100	1001190372	1	Hose Kit (Not Shown)	
101	1001190370	1	Hose	
102	1001190371	1	Hose	
103	1001201111	1	Hose	
104	1001171805	1	Hose	

FIGURE 4-31. ISOLATION COUPLER INSTALLATION - 74HP & 110HP (ULS & LS)

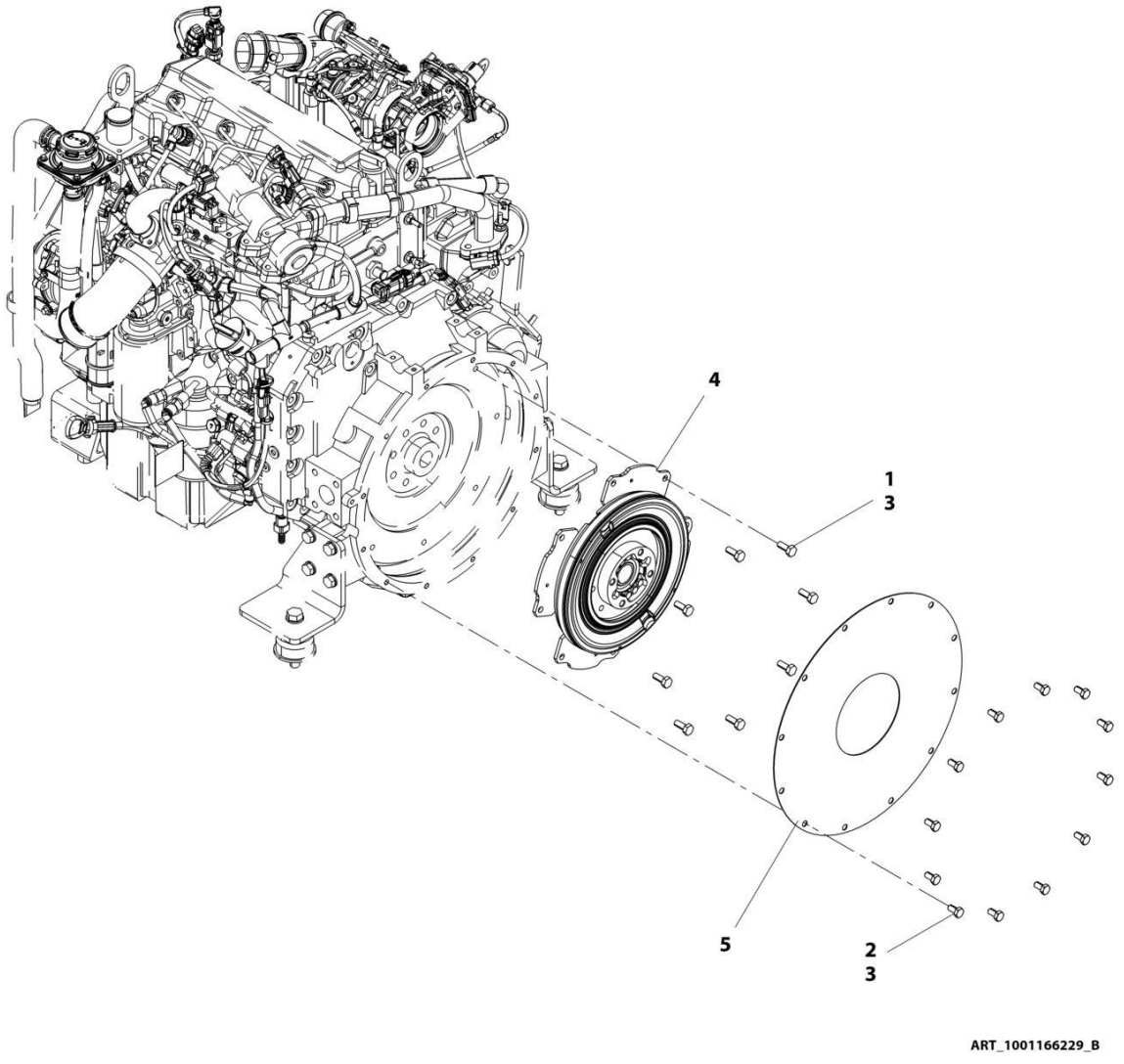


FIGURE 4-31. ISOLATION COUPLER INSTALLATION - 74HP & 110HP (ULS & LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166229	Ref	Isolation Coupler Installation	B
1	0761012	8	Bolt, M10X25	
2	8303784	12	Bolt, M10X20	
3	8526007	AR	Compound, Locking	
4	1001180244	1	Coupling, Torsion Damper	
5	1001185071	1	Panel, Isolation Coupler	

FIGURE 4-32. RADIATOR ASSEMBLY - 74HP (ULS)

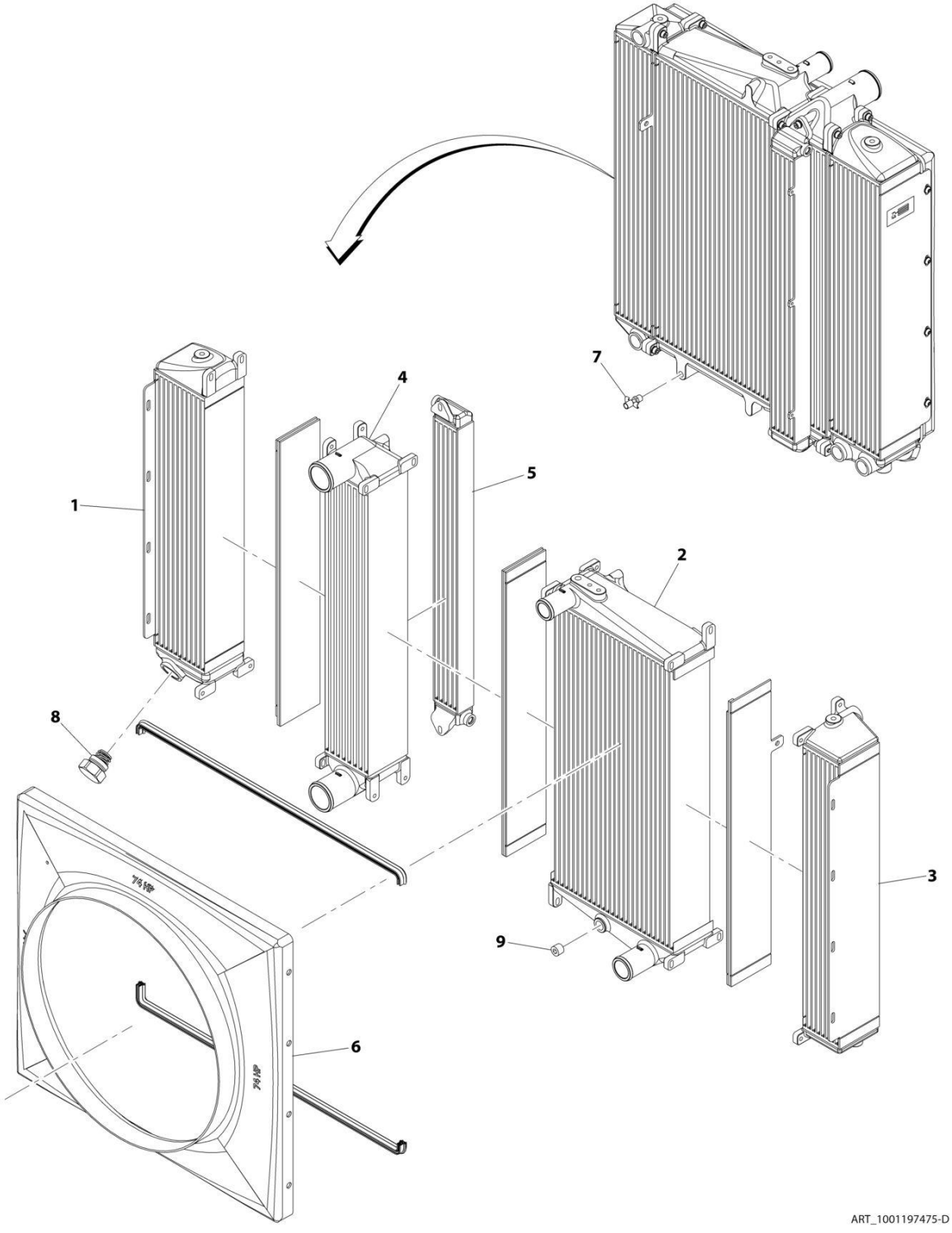


FIGURE 4-32. RADIATOR ASSEMBLY - 74HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197475	Ref	Radiator Assembly (74HP)	D
1	70026075	1	Transmission Oil Cooler	
2	70026076	1	Radiator	
3	70026077	1	Hydraulic Oil Cooler	
4	70026078	1	Charge Air Cooler	
5	70026079	1	Fuel Cooler	
6	70027094	1	Fan Shroud	
7	70026081	1	Petcock	
8	70026082	1	Valve, Bypass	
9	70026083	1	Plug, Hex	

FIGURE 4-33. RADIATOR ASSEMBLY - 110HP (ULS & LS)

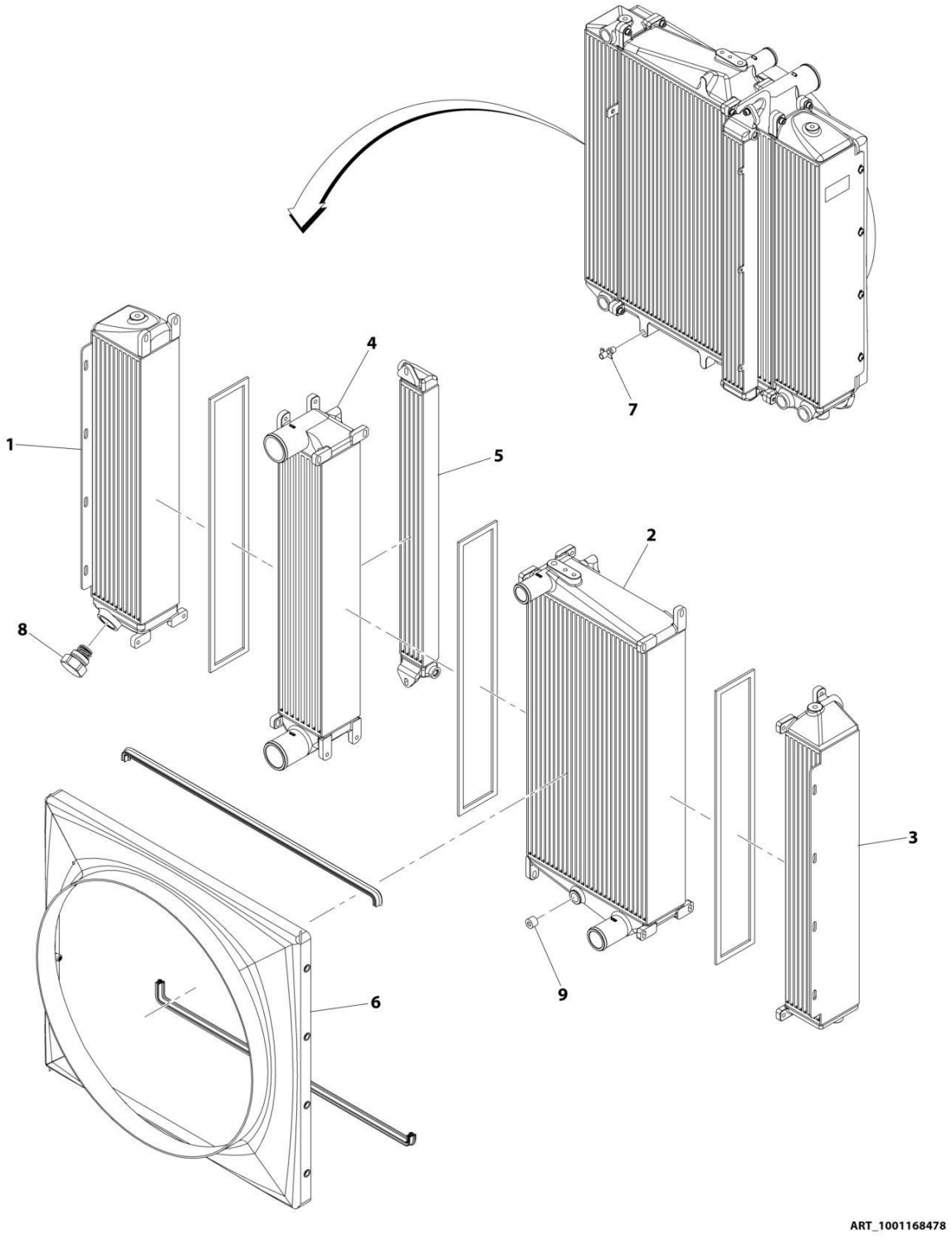


FIGURE 4-33. RADIATOR ASSEMBLY - 110HP (ULS & LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168478	Ref	Radiator Assembly	F
1	70026075	1	Transmission Oil Cooler	
2	70026076	1	Radiator	
3	70026077	1	Hydraulic Oil Cooler	
4	70026078	1	Charge Air Cooler	
5	70026079	1	Fuel Cooler	
6	70026080	1	Shroud, Fan	
7	70026081	1	Petcock	
8	70026082	1	Valve, Bypass	
9	70026083	1	Plug, Hex	

SECTION 5 - DRIVE TRAIN

FIGURE 5-1. TRANSMISSION INSTALLATION

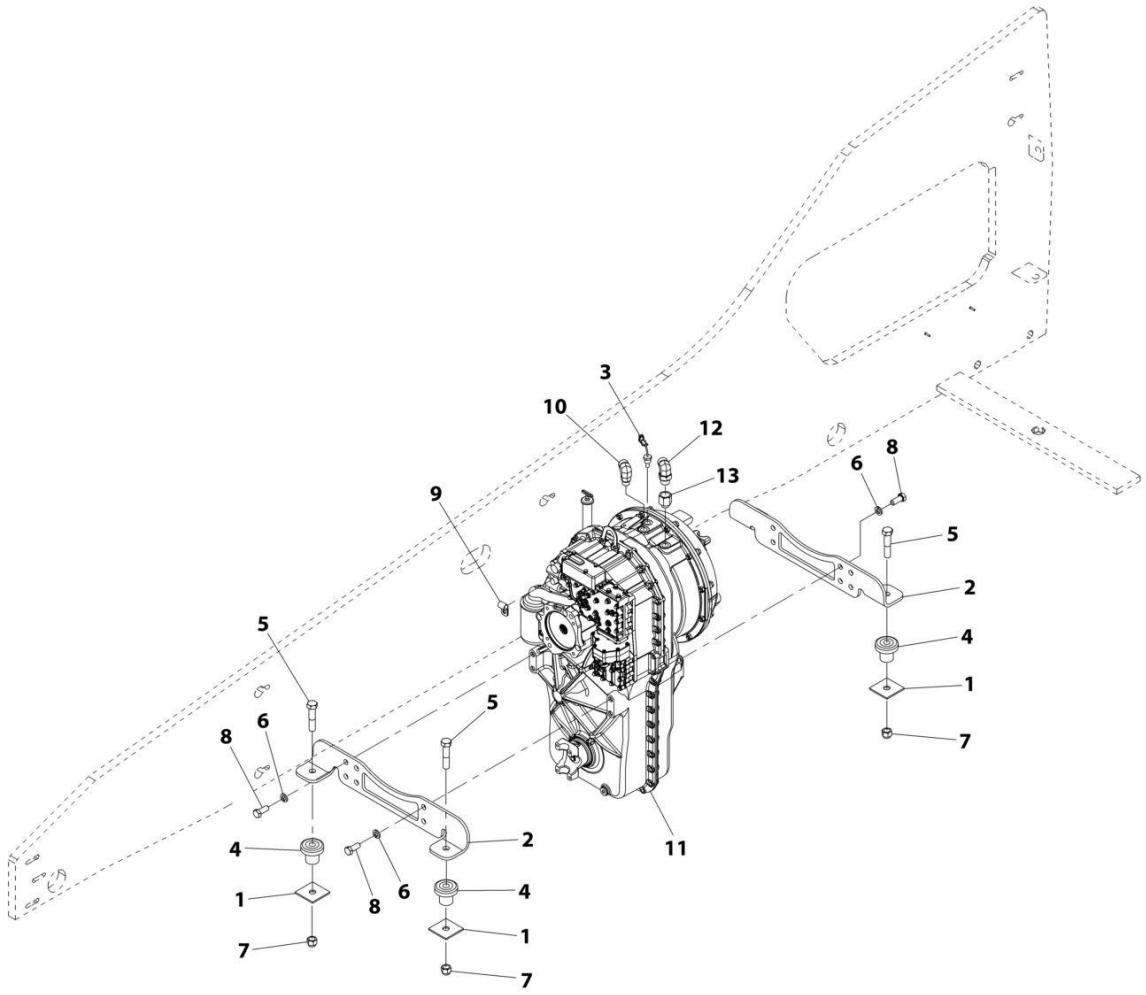
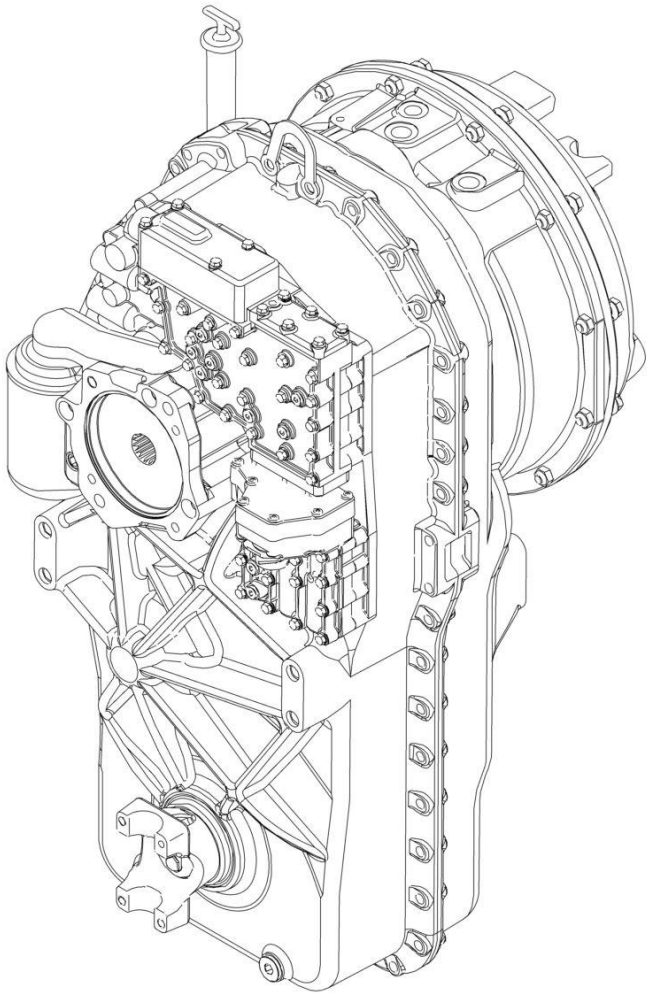


FIGURE 5-1. TRANSMISSION INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001108524	Ref	Transmission Installation	B
1	7054351	4	Washer, Rebound	
2	7138634	2	Bracket, Transmission Mount	
3	8223232	1	Switch, Transmission Temperature	
4	91403097	4	Mount, Rubber	
5	8303724	4	Bolt, 3/4-10X3-1/2	
6	8307049	8	Washer, Lock M16	
7	8310067	4	Nut, Lock 3/4-10	
8	8310215	8	Bolt, M16X40	
9	8406105	1	Clip, Tube	
10	2131210	1	Adapter, 90	
11	8841036	1	Transmission, 4-Speed (See Separate Breakdown in this Section)	
12	2131212	1	Adapter, 90	
13	8760548	1	Adapter, Straight	

FIGURE 5-2. TRANSMISSION ASSEMBLY



ART_8841036_1-C

FIGURE 5-2. TRANSMISSION ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION ASSEMBLY	C
		Ref	Transmission - Engine Connection and Converter (See Separate Breakdown in this Section)	
		Ref	Transmission - Input Shafts (See Separate Breakdown in this Section)	
		Ref	Transmission - Gearbox Housing (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 - Reversing Gear Group 1 (See Separate Breakdown in this Section)	
		Ref	Transmission - Reversing Gear Group 2 (See Separate Breakdown in this Section)	
		Ref	Transmission - Output (See Separate Breakdown in this Section)	
		Ref	Transmission - Control Unit (See Separate Breakdown in this Section)	
		Ref	Transmission - Valve Housing Assembly (See Separate Breakdown in this Section)	
		Ref	Transmission - Valve Block Assembly (See Separate Breakdown in this Section)	
		Ref	Transmission - Oil Pump and Filter (See Separate Breakdown in this Section)	

FIGURE 5-3. TRANSMISSION, CONTROL UNIT

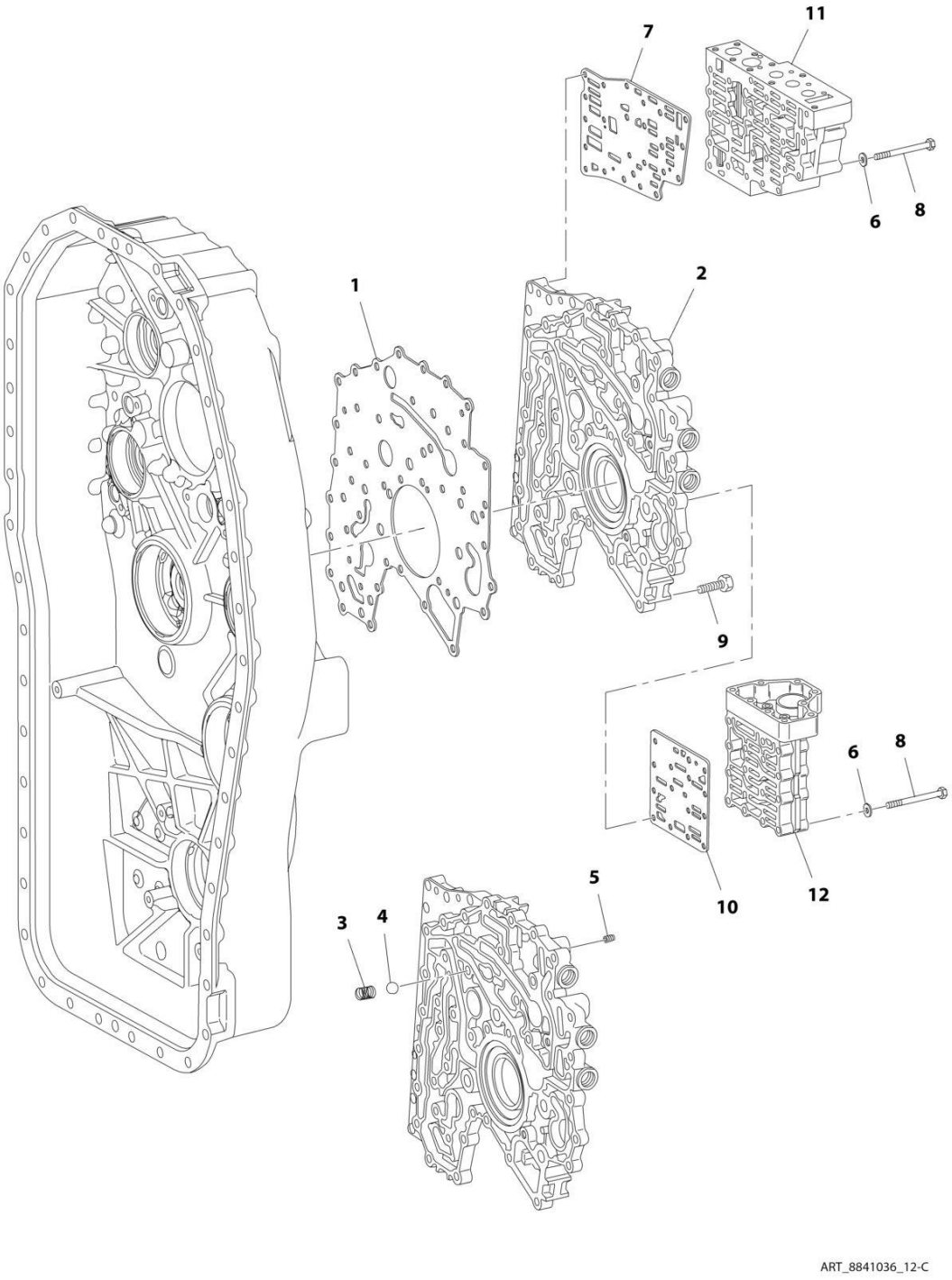


FIGURE 5-3. TRANSMISSION, CONTROL UNIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - CONTROL UNIT	
1	1319650	1	Gasket	
2	8036033	1	Plate, Duct	
3	10732072	1	Spring, Compression	
4	10732071	1	Ball	
5	1319652	1	Orifice	
6	1319661	19	Washer, 6.4	
7	70020425	1	Plate, Intermediate	
8	7029037	19	Bolt, M6X60	
9	1319659	43	Screw, Torx M8X30	
10	70020426	1	Plate, Intermediate	
11		Ref	Housing, Valve (See Separate Breakdown in this Section)	
12		Ref	Block, Valve (See Separate Breakdown in this Section)	

FIGURE 5-4. TRANSMISSION, COUPLING GROUP 1

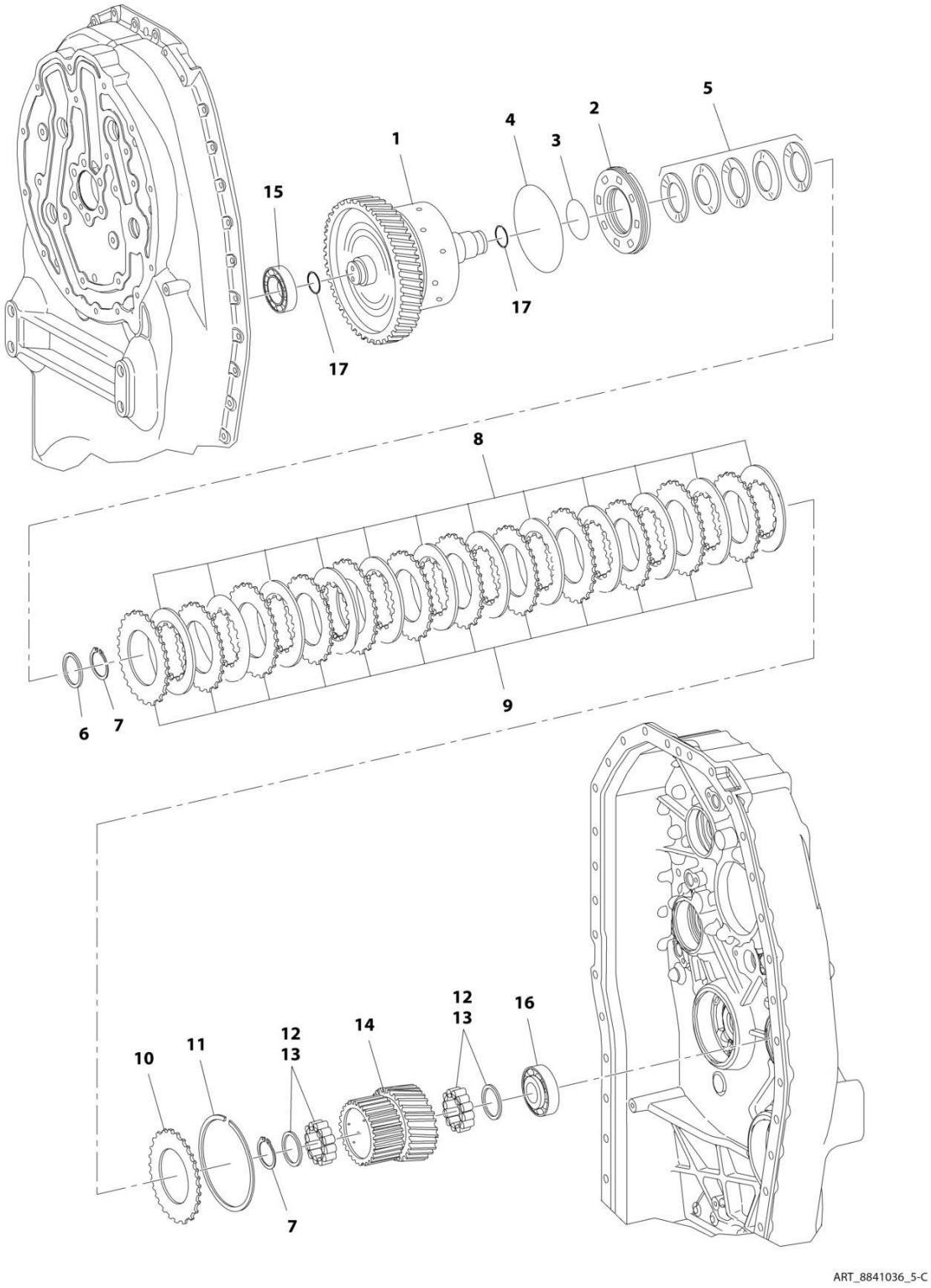


FIGURE 5-4. TRANSMISSION, COUPLING GROUP 1

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - COUPLING GROUP 1	
1	1319591	1	Coupling	
2	1319592	1	Piston	
3	1319593	1	O-Ring, 52X3	
4	1319594	1	O-Ring, 115X3	
5	1319595	5	Spring, Cup	
6	1319596	1	Shim	
7	10731845	2	Ring, Retaining	
8	7026758	12	Disc, Inner Clutch	
9	7026759	12	Disc, Outer Clutch	
10	7026760	1	Shim, End	
11	1319600	1	Ring, Snap 4	
11	1319601	1	Ring, Snap 3-1/2	
11	1319602	1	Ring, Snap 3	
11	1319603	1	Ring, Snap 2-1/2	
11	1319604	1	Ring, Snap 2	
12	1319605	2	Cage, Roller	
13	1319606	2	Cage, Roller	
14	1319607	1	Carrier, Disc	
15	1319608	1	Bearing, Roller	
16	1319609	1	Bearing, Roller	
16	1319610	1	Bearing, Roller	
16	1319611	1	Bearing, Roller	
17	1319612	2	Ring, Piston 30X2	

FIGURE 5-5. TRANSMISSION, COUPLING GROUP 2

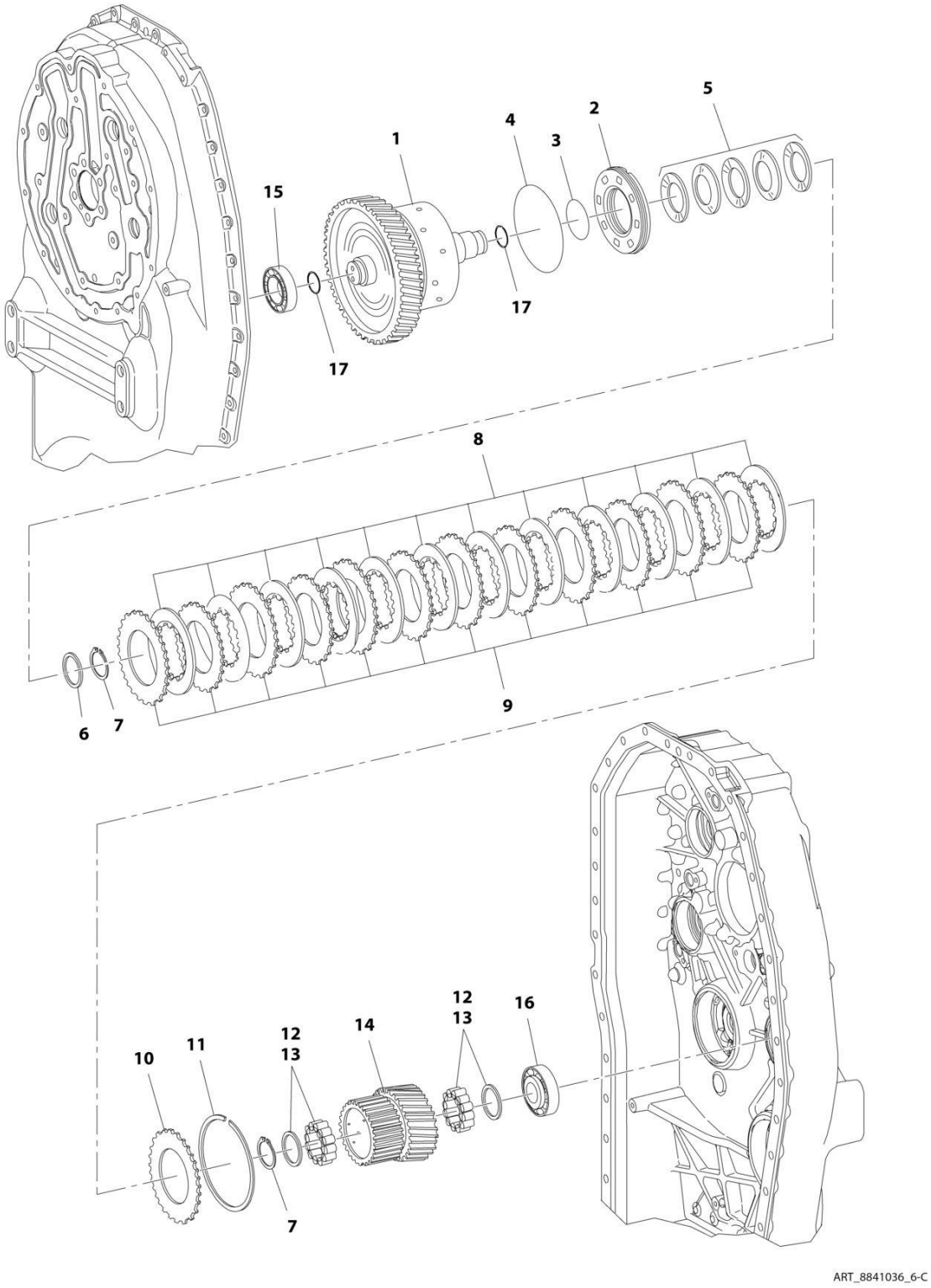


FIGURE 5-5. TRANSMISSION, COUPLING GROUP 2

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - COUPLING GROUP 2	
1	1319613	1	Coupling	
2	8036029	1	Piston	
3	1319593	1	O-Ring, 52X3	
4	1319594	1	O-Ring, 115X3	
5	1319595	5	Spring, Cup	
6	1319596	1	Shim	
7	10731845	2	Ring, Retaining	
8	7026758	8	Disc, Inner Clutch	
9	7026759	8	Disc, Outer Clutch	
10	7026760	1	Shim, End	
11	1319600	1	Ring, Snap 4	
11	1319601	1	Ring, Snap 3-1/2	
11	1319602	1	Ring, Snap 3	
11	1319603	1	Ring, Snap 2-1/2	
11	1319604	1	Ring, Snap 2	
12	1319605	2	Cage, Roller	
13	1319606	2	Cage, Roller	
14	1319614	1	Carrier, Disc	
15	1319615	1	Bearing, Roller	
16	8036190	1	Assembly, Roller Bearing	
16	7029532	1	Ring, Outer	
16	7029533	1	Ring, Inner	
17	1319612	2	Ring, Piston 30X2	

FIGURE 5-6. TRANSMISSION, COUPLING GROUP 3

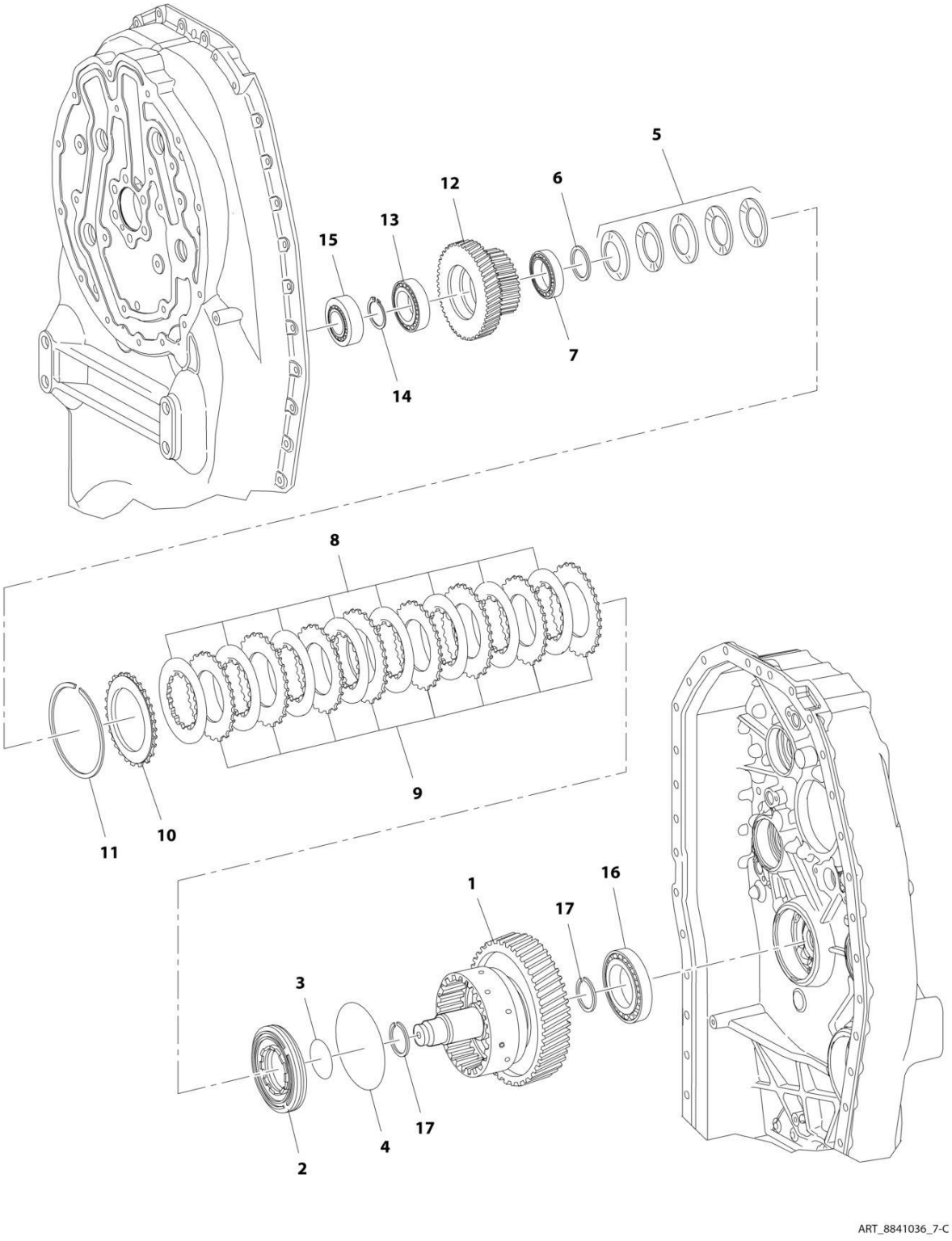


FIGURE 5-6. TRANSMISSION, COUPLING GROUP 3

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - COUPLING GROUP 3	
1	1319616	1	Coupling	
2	8036029	1	Piston	
3	1319593	1	O-Ring, 52X3	
4	1319594	1	O-Ring, 115X3	
5	1319595	5	Spring, Cup	
6	1319617	1	Shim, Support	
7	1319618	1	Bearing, Roller	
8	7026758	8	Disc, Inner Clutch	
9	7026759	8	Disc, Outer Clutch	
10	7026760	1	Shim, End	
11	1319600	1	Ring, Snap 4	
11	1319601	1	Ring, Snap 3-1/2	
11	1319602	1	Ring, Snap 3	
11	1319603	1	Ring, Snap 2-1/2	
11	1319604	1	Ring, Snap 2	
12	1319619	1	Carrier, Disc	
13	1319620	1	Bearing, Roller	
14	1319621	1	Ring, Retaining 3.2	
14	1319622	1	Ring, Retaining 3.1	
14	1319623	1	Ring, Retaining 3	
14	1319624	1	Ring, Retaining 2.9	
14	1319625	1	Ring, Retaining 2.8	
14	1319626	1	Ring, Retaining 2.7	
14	1319627	1	Ring, Retaining 2.6	
14	1319628	1	Ring, Retaining 2.5	
14	1319629	1	Ring, Retaining 2.4	
14	1319630	1	Ring, Retaining 2.3	
14	1319631	1	Ring, Retaining 2.2	
14	1319632	1	Ring, Retaining 2.1	
15	8036190	1	Assembly, Roller Bearing	
15	7029532	1	Ring, Outer	
15	7029533	1	Ring, Inner	
16	1319633	1	Bearing, Roller	
17	1319612	2	Ring, Piston 30X2	

FIGURE 5-7. TRANSMISSION, COUPLING GROUP 4

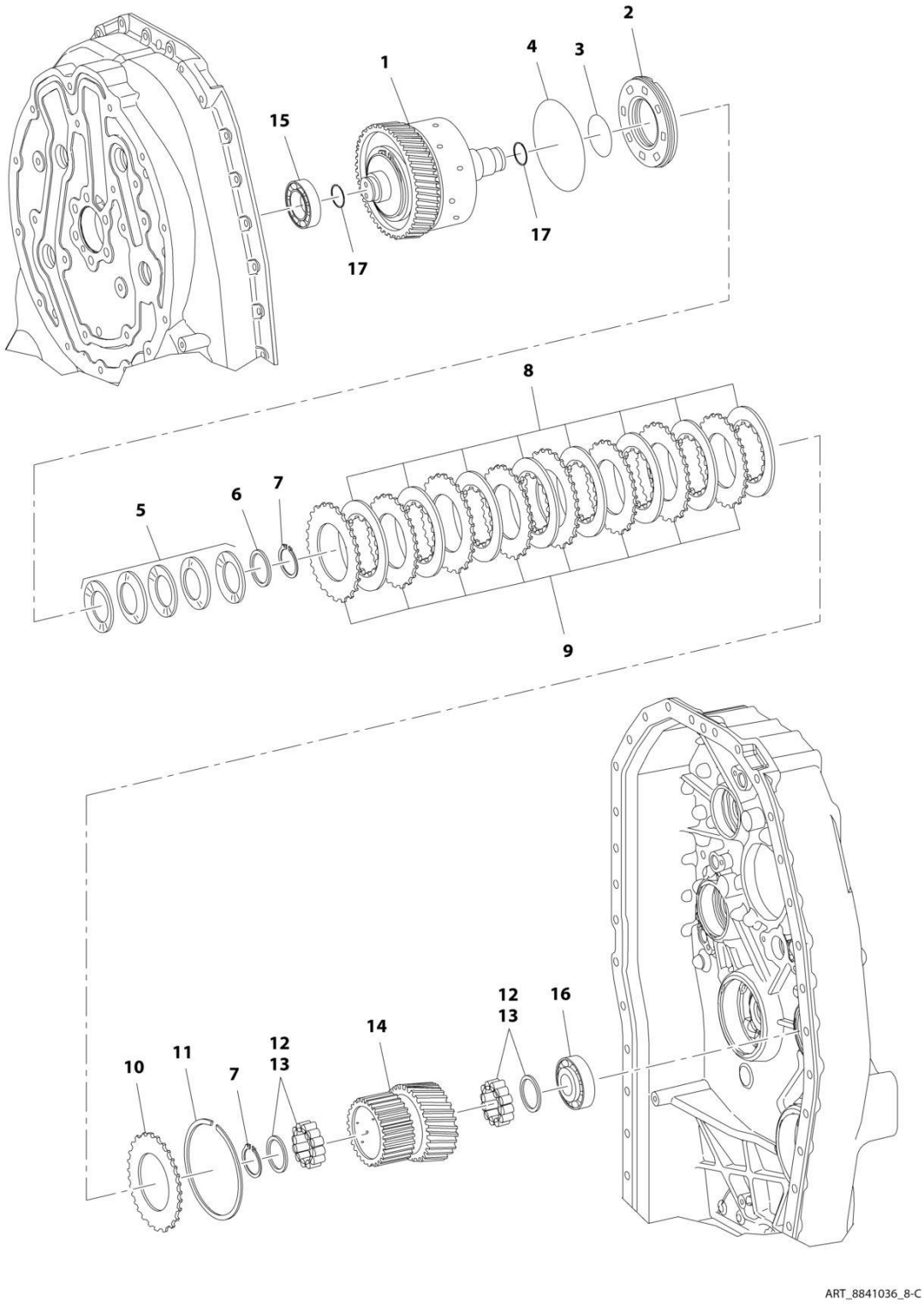


FIGURE 5-7. TRANSMISSION, COUPLING GROUP 4

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - COUPLING GROUP 4	
1	1319634	1	Coupling	
2	8036029	1	Piston	
3	1319593	1	O-Ring, 52X3	
4	1319594	1	O-Ring, 115X3	
5	1319595	5	Spring, Cup	
6	1319596	1	Shim	
7	10731845	2	Ring, Retaining	
8	7026758	8	Disc, Inner Clutch	
9	7026759	8	Disc, Outer Clutch	
10	7026760	1	Shim, End	
11	1319600	1	Ring, Snap 4	
11	1319601	1	Ring, Snap 3-1/2	
11	1319602	1	Ring, Snap 3	
11	1319603	1	Ring, Snap 2-1/2	
11	1319604	1	Ring, Snap 2	
12	1319605	2	Cage, Roller	
13	1319606	2	Cage, Roller	
14	1319635	1	Carrier, Disc	
15	1319615	1	Bearing, Roller	
16	1319636	1	Bearing, Roller	
17	1319612	2	Ring, Piston 30X2	

FIGURE 5-8. TRANSMISSION, ENGINE CONNECTION AND CONVERTER

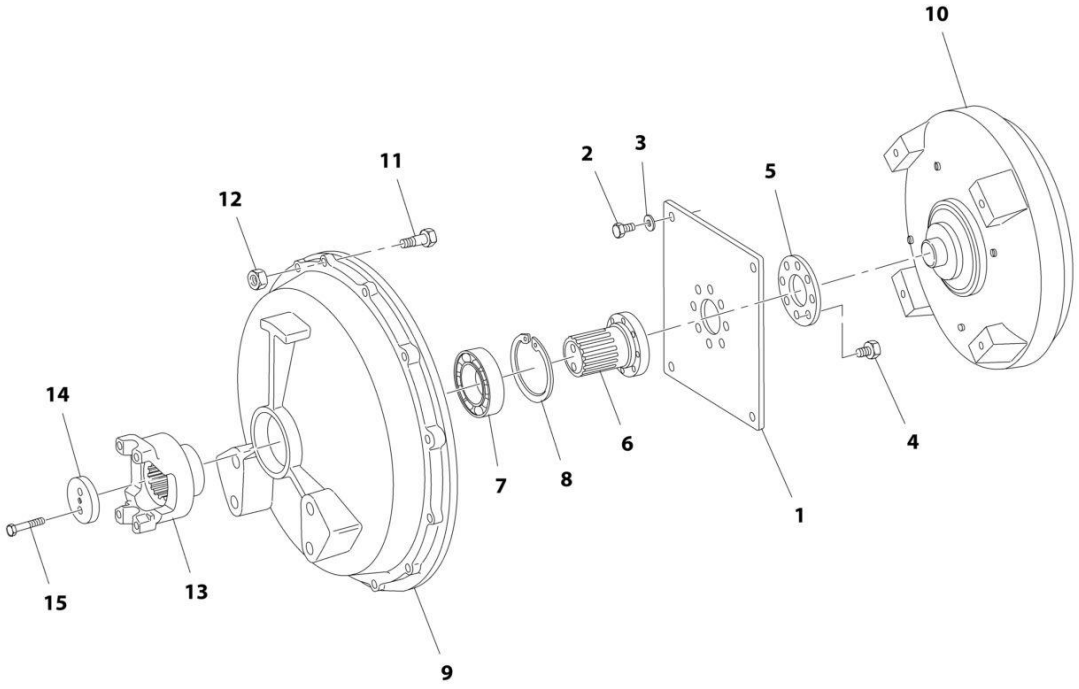


FIGURE 5-8. TRANSMISSION, ENGINE CONNECTION AND CONVERTER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - ENGINE CONNECTION AND CONVERTER	
1	1319203	1	Diaphragm	
2	1319204	4	Bolt, M10X18	
3	10732095	4	Washer	
4	10731702	8	Bolt, M10X16	
5	1319213	1	Washer	
6	70023482	1	Shaft, Input	
7	1319209	1	Bearing, Ball	
8	1319210	1	Ring, Retaining	
9	8036021	1	Cover	
10	8036022	1	Converter	
11	10731748	12	Bolt, M10X45	
12	10731751	12	Nut, M10	
13	1319211	1	Yoke, End	
14	1319205	1	Washer	
15	70023483	2	Bolt	

FIGURE 5-9. TRANSMISSION, GEARBOX HOUSING

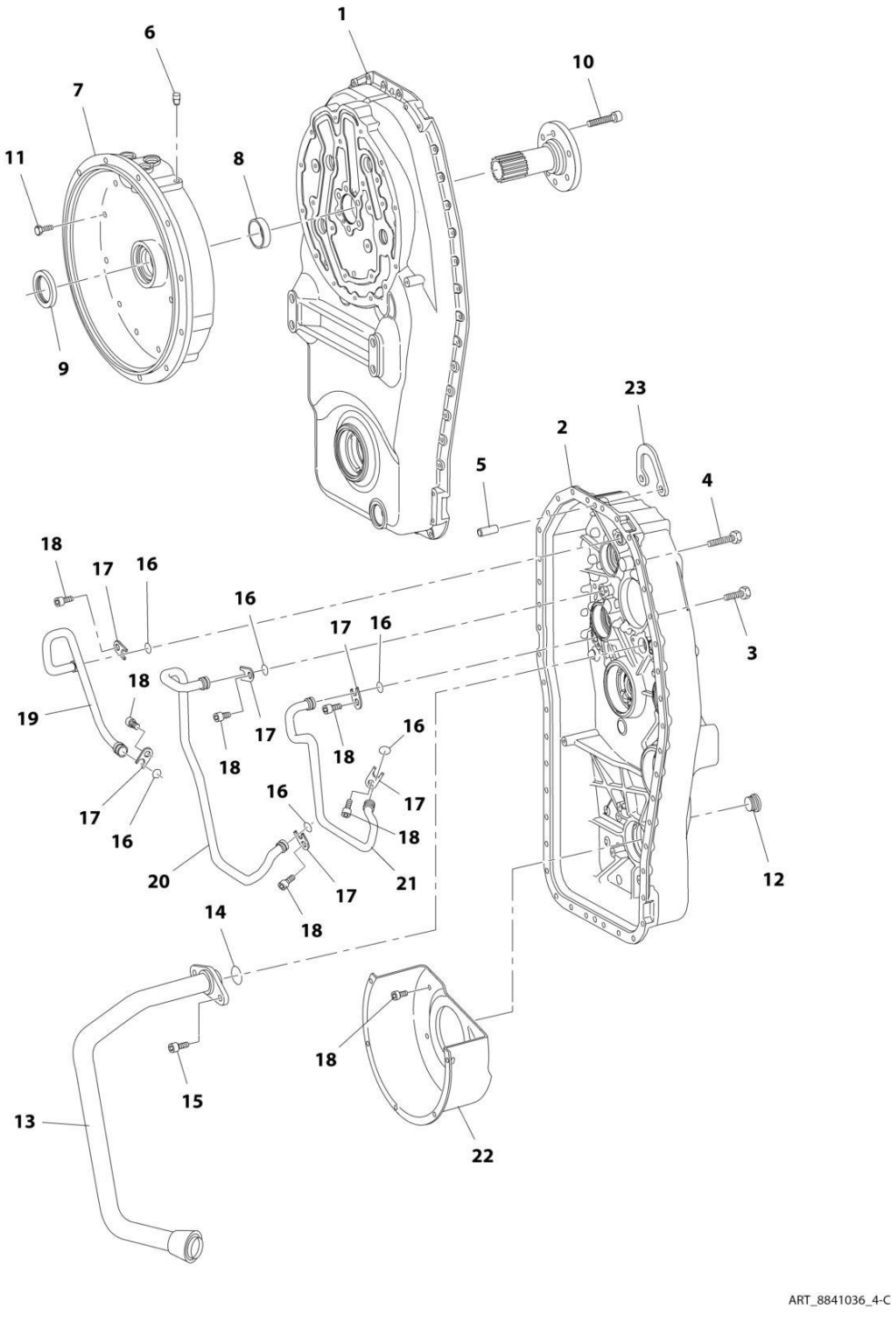


FIGURE 5-9. TRANSMISSION, GEARBOX HOUSING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - GEARBOX HOUSING	
1	8036024	1	Housing I	
2	8036025	1	Housing II	
3	1319569	36	Bolt, M10X30	
4	1319570	6	Bolt, M10X50	
5	1319571	2	Pin, Cylindrical M6X24	
6	10731744	1	Breather	
7	1319574	1	Bell, Converter	
8	1319575	1	Bushing, Bearing	
9	1319576	1	Seal, Shaft	
10	1319577	6	Screw, M10X50	
11	1319569	23	Bolt, M10X30	
12	70023404	1	Plug, Screw	
13	8036026	1	Pipe, Oil Suction	
14	70023885	1	O-Ring	
15	1319582	2	Screw, M8X20	
16	1319583	6	O-Ring	
17	1319584	6	Plate, Fixing	
18	1319585	11	Screw, M8X16	
19	1319586	1	Pipe	
20	1319587	1	Pipe	
21	8036027	1	Pipe	
22	8036028	1	Sheet, Screen	
23	1319590	1	Bracket	

FIGURE 5-10. TRANSMISSION, INPUT SHAFTS

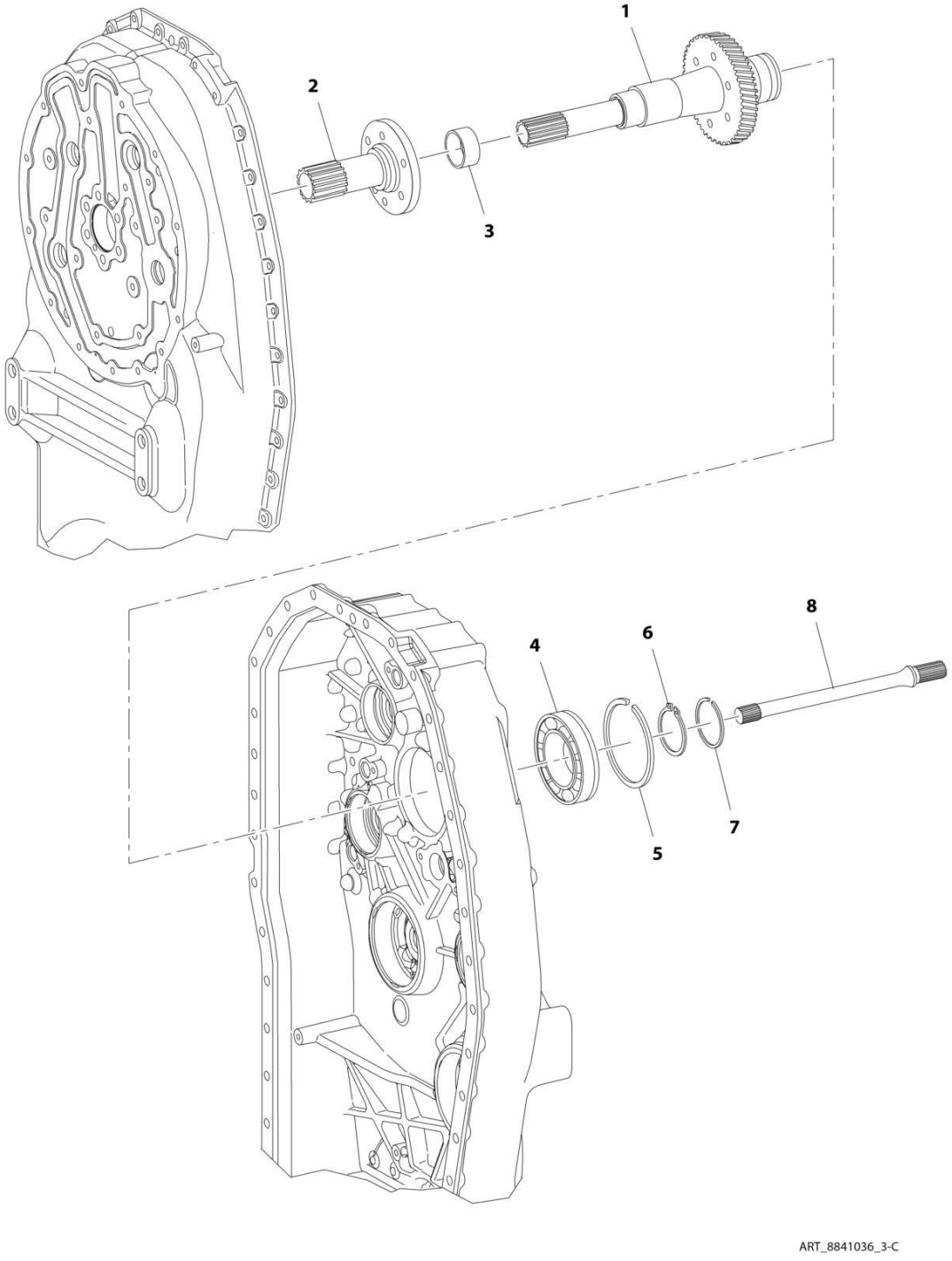


FIGURE 5-10. TRANSMISSION, INPUT SHAFTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - INPUT SHAFTS	
1	8036023	1	Shaft, Turbine	
2	1319557	1	Shaft, Stator	
3	1319558	1	Bushing, Bearing	
4	1319563	1	Bearing, Ball	
5	10731913	1	Ring, Snap	
6	80304405	1	Ring, Retaining	
7	1319565	1	Ring, Piston	
8	1319566	1	Shaft, Central	

FIGURE 5-11. TRANSMISSION, OIL PUMP AND FILTER

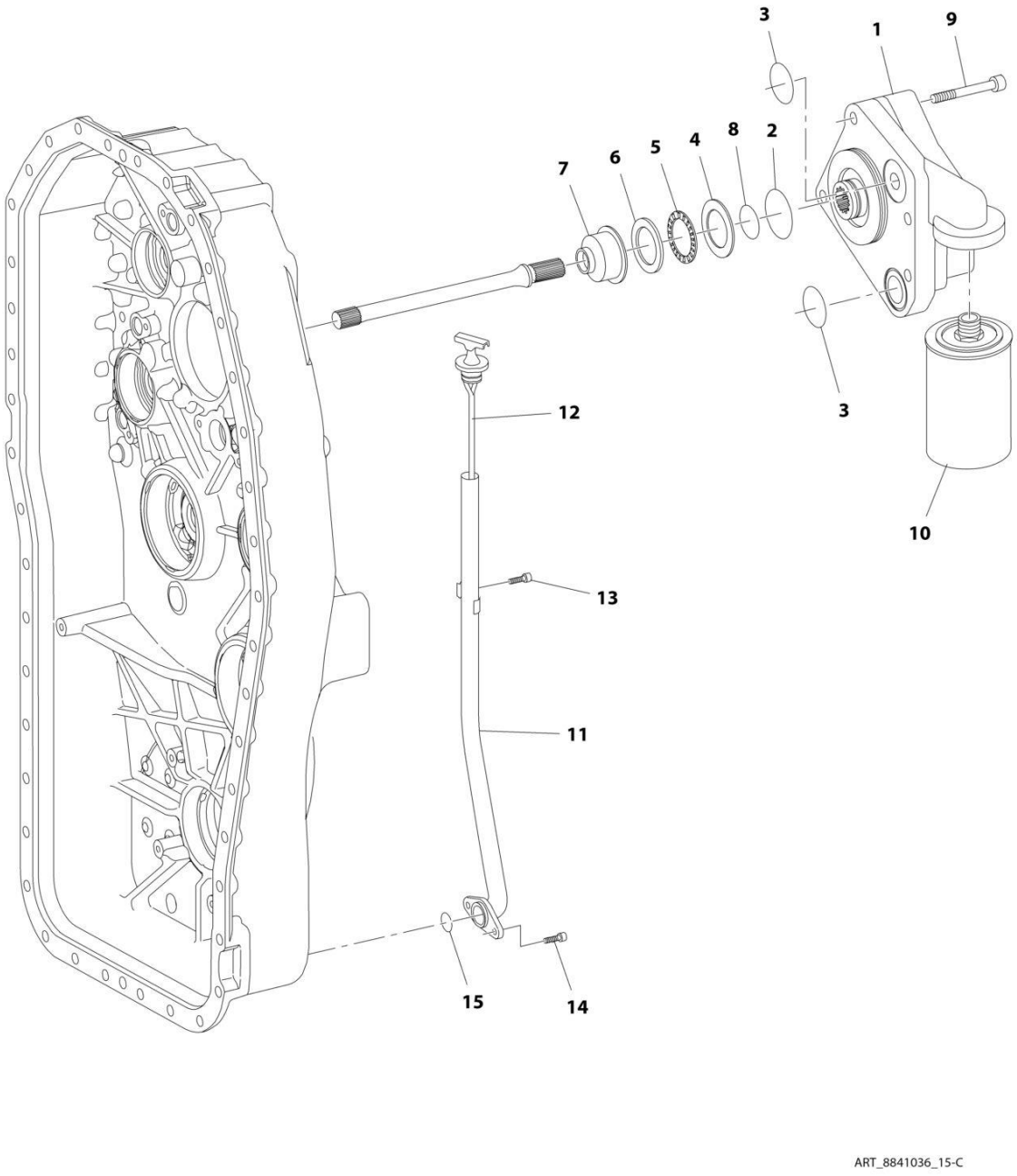


FIGURE 5-11. TRANSMISSION, OIL PUMP AND FILTER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - OIL PUMP AND FILTER	
1	1319718	1	Pump	
1	7029417	1	O-Ring, (between pump halves), (not shown)	
2	8036250	1	O-Ring	
3	1319719	2	O-Ring	
4	1319720	1	Washer, Axial 40X60X1	
5	1319721	1	Cage, Axial Needle	
6	1319722	1	Disc, Angle	
7	1319723	1	Sleeve, Stop	
8	1319724	1	O-Ring	
9	1319725	4	Bolt, M12X115	
10	1319726	1	Filter, Transmission Oil	
11	8036041	1	Tube, Dipstick	
12	8036042	1	Dipstick	
13	1319585	1	Screw, M8X16	
14	1319582	1	Screw, M8X20	
15	70023885	1	O-Ring	

FIGURE 5-12. TRANSMISSION, OUTPUT

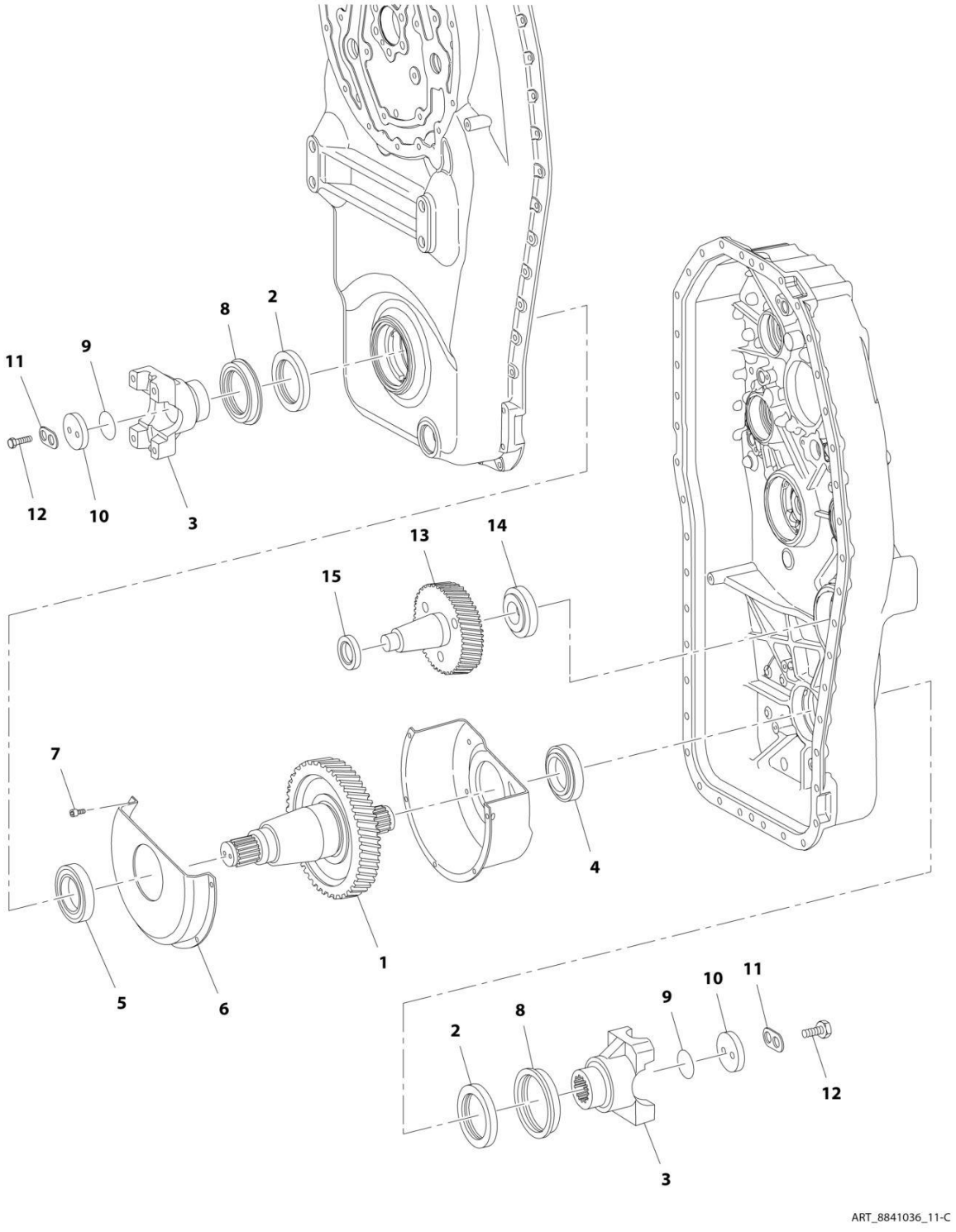


FIGURE 5-12. TRANSMISSION, OUTPUT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - OUTPUT	
1	8036030	1	Shaft, Output	
2	1319641	2	Seal, Shaft	
3	7027273	2	Flange, Output	
4	N.S.S.	1	Assembly, Roller Bearing	
4	70020430	1	Cup, Bearing	
4	70020431	1	Cone, Bearing	
5	1319643	1	Bearing, Roller	
6	8036031	1	Sheet, Screen	
7	1319646	5	Bolt, M6X10	
8	1319647	2	Sheet, Screen	
9	10839156	2	O-Ring	
10	1319648	2	Washer, M10	
11	1319649	2	Washer, Tab	
12	10731959	4	Bolt, M8X25	
13	8036032	1	Shaft, Intermediate	
14	1319633	1	Bearing, Roller	
15	8036190	1	Assembly, Roller Bearing	
15	7029532	1	Ring, Outer	
15	7029533	1	Ring, Inner	

FIGURE 5-13. TRANSMISSION, REVERSING GEAR GROUP 1

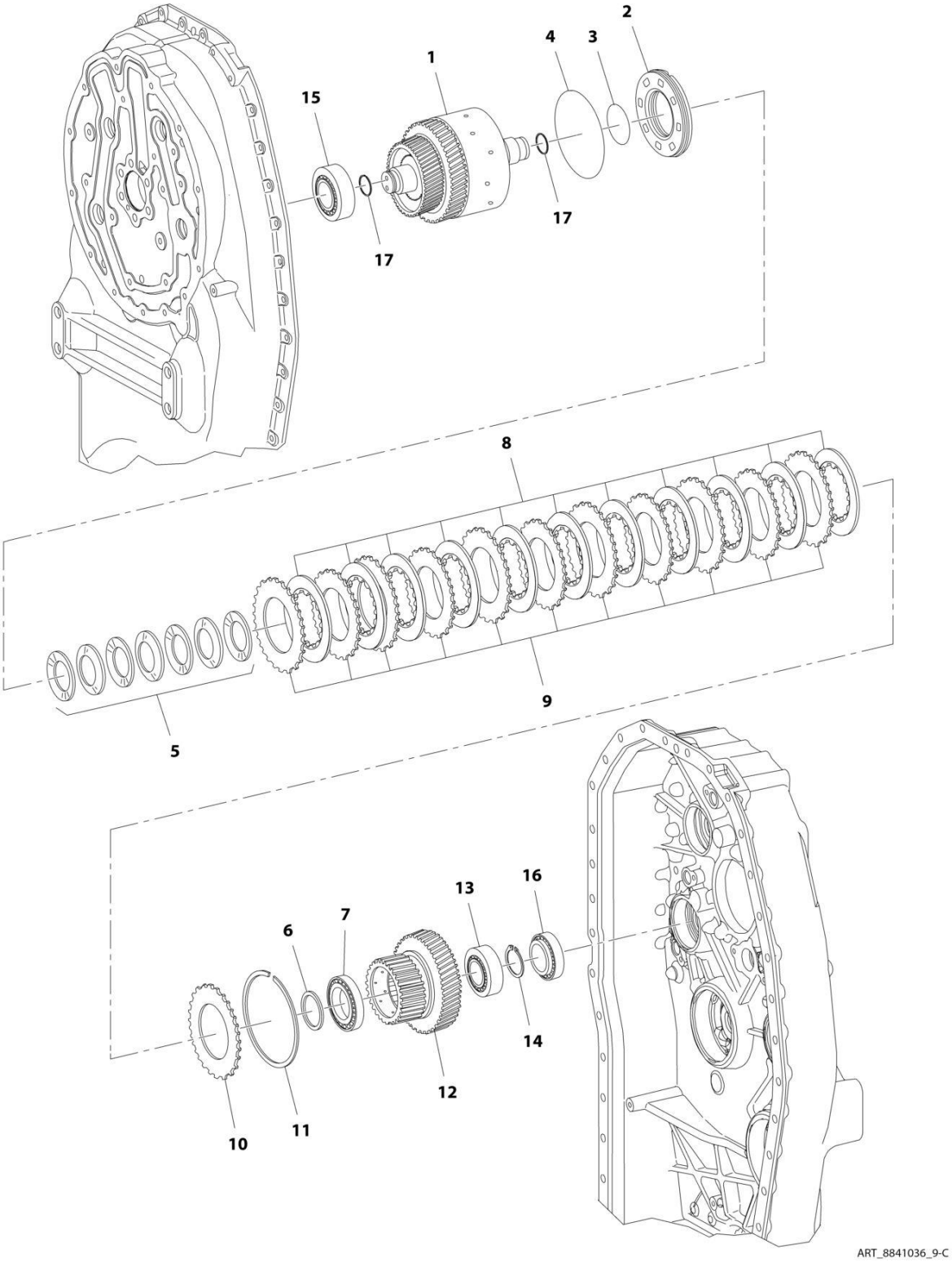


FIGURE 5-13. TRANSMISSION, REVERSING GEAR GROUP 1

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - REVERSE GEAR GROUP 1	
1	1319637	1	Coupling	
2	8036029	1	Piston	
3	1319593	1	O-Ring, 52X3	
4	1319594	1	O-Ring, 115X3	
5	1319595	7	Spring, Cup	
6	1319617	1	Shim, Support	
7	1319618	1	Bearing, Roller	
8	7026758	11	Disc, Inner Clutch	
9	7026759	11	Disc, Outer Clutch	
10	7026760	1	Shim, End	
11	1319600	1	Ring, Snap 4	
11	1319601	1	Ring, Snap 3-1/2	
11	1319602	1	Ring, Snap 3	
11	1319603	1	Ring, Snap 2-1/2	
11	1319604	1	Ring, Snap 2	
12	1319638	1	Disc, Carrier	
13	1319620	1	Bearing, Roller	
14	1319621	1	Ring, Retaining 3.2	
14	1319622	1	Ring, Retaining 3.1	
14	1319623	1	Ring, Retaining 3	
14	1319624	1	Ring, Retaining 2.9	
14	1319625	1	Ring, Retaining 2.8	
14	1319626	1	Ring, Retaining 2.7	
14	1319627	1	Ring, Retaining 2.6	
14	1319628	1	Ring, Retaining 2.5	
14	1319629	1	Ring, Retaining 2.4	
14	1319630	1	Ring, Retaining 2.3	
14	1319631	1	Ring, Retaining 2.2	
14	1319632	1	Ring, Retaining 2.1	
15	1319615	1	Bearing, Roller	
16	1319636	1	Bearing, Roller	
17	1319612	2	Ring, Piston 30X2	

FIGURE 5-14. TRANSMISSION, REVERSING GEAR GROUP 2

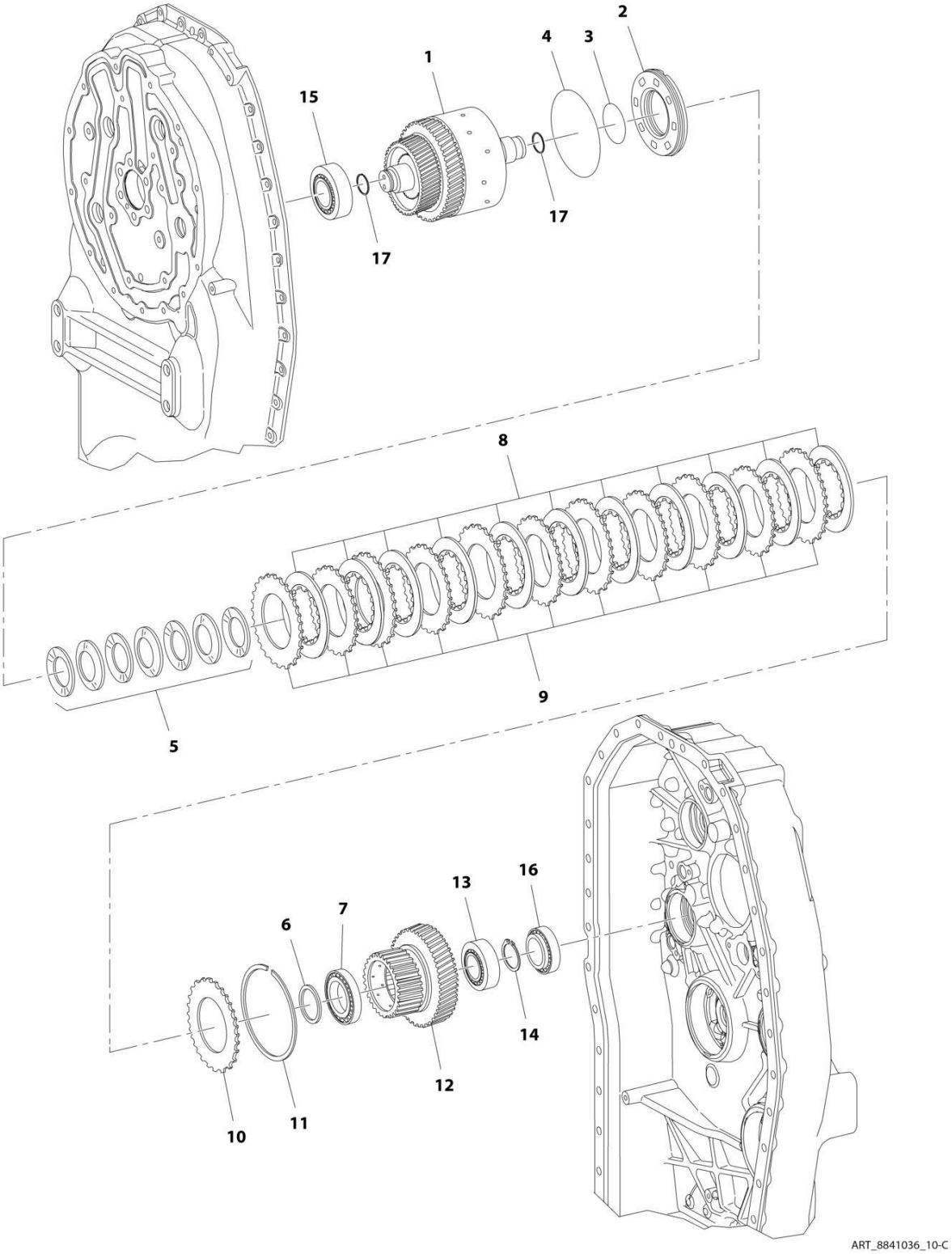


FIGURE 5-14. TRANSMISSION, REVERSING GEAR GROUP 2

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - REVERSING GEAR GROUP 2	
1	1319639	1	Coupling	
2	8036029	1	Piston	
3	1319593	1	O-Ring, 52X3	
4	1319594	1	O-Ring, 115X3	
5	1319595	7	Spring, Cup	
6	1319617	1	Shim, Support	
7	1319618	1	Bearing, Roller	
8	7026758	11	Disc, Inner Clutch	
9	7026759	11	Disc, Outer Clutch	
10	7026760	1	Shim, End	
11	1319600	1	Ring, Snap 4	
11	1319601	1	Ring, Snap 3-1/2	
11	1319602	1	Ring, Snap 3	
11	1319603	1	Ring, Snap 2-1/2	
11	1319604	1	Ring, Snap 2	
12	1319638	1	Disc, Carrier	
13	1319620	1	Bearing, Roller	
14	1319621	1	Ring, Retaining 3.2	
14	1319622	1	Ring, Retaining 3.1	
14	1319623	1	Ring, Retaining 3	
14	1319624	1	Ring, Retaining 2.9	
14	1319625	1	Ring, Retaining 2.8	
14	1319626	1	Ring, Retaining 2.7	
14	1319627	1	Ring, Retaining 2.6	
14	1319628	1	Ring, Retaining 2.5	
14	1319629	1	Ring, Retaining 2.4	
14	1319630	1	Ring, Retaining 2.3	
14	1319631	1	Ring, Retaining 2.2	
14	1319632	1	Ring, Retaining 2.1	
15	1319608	1	Bearing, Roller	
16	1319636	1	Bearing, Roller	
17	1319612	2	Ring, Piston 30X2	

FIGURE 5-15. TRANSMISSION, VALVE BLOCK ASSEMBLY

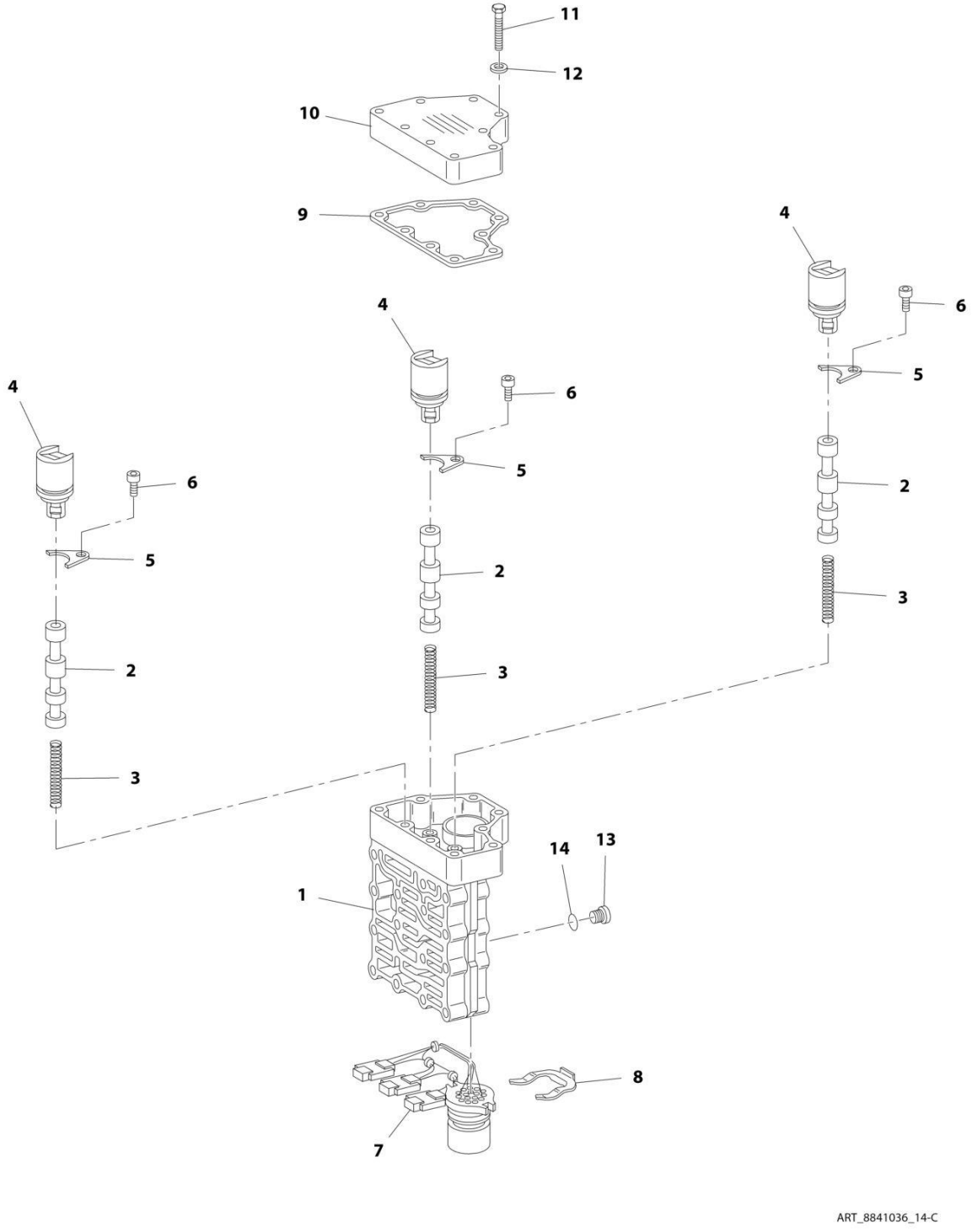


FIGURE 5-15. TRANSMISSION, VALVE BLOCK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - VALVE BLOCK ASSEMBLY	
	1319717	Ref	Valve Block Assembly	
1	70020427	1	Block, Valve	
2	1319710	3	Piston	
3	1319696	3	Spring, Compression	
4	1319702	3	Valve, Solenoid	
5	10732063	3	Plate, Fixing	
6	1319703	3	Bolt, M5X12	
7	1319711	1	Harness, Wiring	
8	1319707	1	Clamp, Retaining	
9	1319712	1	Gasket	
10	1319713	1	Cover	
11	1319714	9	Bolt, M5X32	
12	1319715	9	Washer, 5.3	
13	1319670	3	Plug, Screw M10X1	
14	10731709	3	O-Ring	

FIGURE 5-16. TRANSMISSION, VALVE HOUSING ASSEMBLY

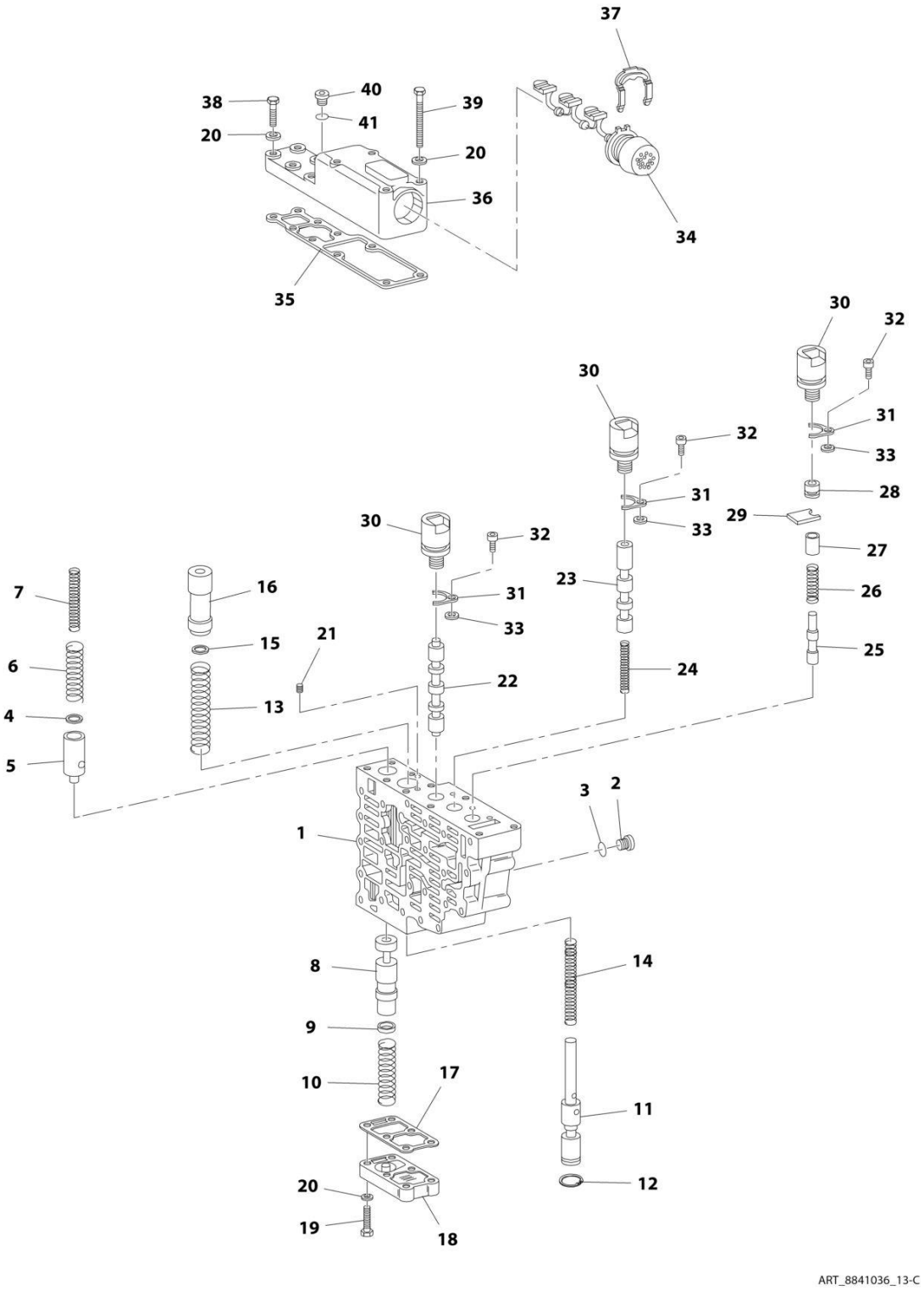


FIGURE 5-16. TRANSMISSION, VALVE HOUSING ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - VALVE HOUSING ASSEMBLY	
	8036040	Ref	Valve Housing Assembly	
1	1319671	1	Housing, Valve	
2	1319670	7	Plug, Screw M10X1	
3	10731709	7	O-Ring	
4	8036036	1	Washer, 1	
5	7029039	1	Piston	
6	1319673	1	Spring, Compression	
7	8036038	1	Spring, Compression	
8	1319674	1	Piston	
9	1319675	1	Washer, 3.6	
9	1319676	1	Washer, 3.2	
9	1319677	1	Washer, 2.8	
9	1319678	1	Washer, 2.4	
9	1319679	1	Washer, 2	
10	1319680	1	Spring, Compression	
11	1319681	1	Control, Piston	
12	1319682	1	Washer, Lock 12	
13	1319683	1	Spring, Compression	
14	1319684	1	Spring, Compression	
15	1319685	1	Washer, 2	
15	1319686	1	Washer, 1	
15	1319687	1	Washer, 0.5	
15	1319688	1	Washer, 0.3	
15	1319689	1	Washer, 0.2	
16	1319690	1	Piston	
17	1319691	1	Seal	
18	1319692	1	Cover	
19	1319693	6	Bolt, M6X25	
20	1319661	16	Washer, 6.4	
21	1319652	1	Orifice	
22	1319694	1	Valve	
23	1319695	1	Piston	
24	1319696	1	Spring, Compression	
25	1319697	1	Piston	
26	1319698	1	Spring, Compression	
27	1319699	1	Spacer, Sleeve	
28	1319700	1	Plug	
29	1319701	1	Plate, Fixing	
30	1319702	3	Valve, Solenoid	
31	10732063	3	Plate, Fixing	
32	1319703	3	Bolt, M5X12	
33	10732064	3	Washer, 2	
34	1319704	1	Harness, Wiring	
35	1319705	1	Seal	
36	8036039	1	Cover	
37	1319707	1	Clamp, Retaining	
38	1319693	6	Bolt, M6X25	
39	7029037	4	Bolt, M6X60	
40	1319670	1	Plug, Screw M10X1	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
41	10731709	1	O-Ring	

FIGURE 5-17. DRIVE SHAFT INSTALLATION

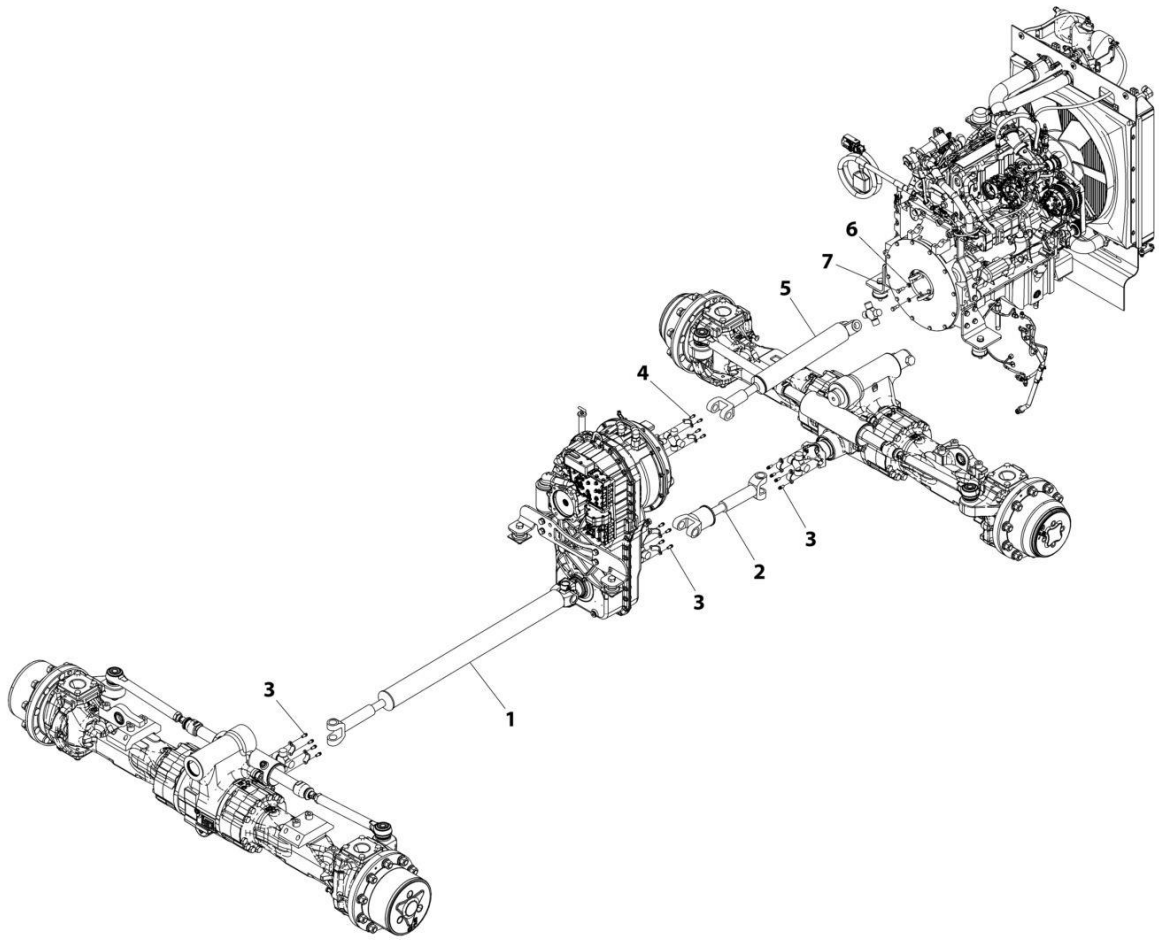


FIGURE 5-17. DRIVE SHAFT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166010	Ref	Drive Shaft Installation	C
1	7138638	1	Drive Shaft Assembly (Front) See Separate Breakdown in this Section)	
2	7138639	1	Drive Shaft Assembly (Rear) See Separate Breakdown in this Section)	
3	8880218-OM	4	Kit, Strap	
4	8880219-OM	1	Kit, Strap	
5	1001127784	1	Drive Shaft Assembly (Input) See Separate Breakdown in this Section)	
6	8307006	4	Washer 7/16	
7	8310425	4	Bolt 7/16X1-1/4, Grade 8	

FIGURE 5-18. DRIVE SHAFT ASSEMBLY (FRONT)

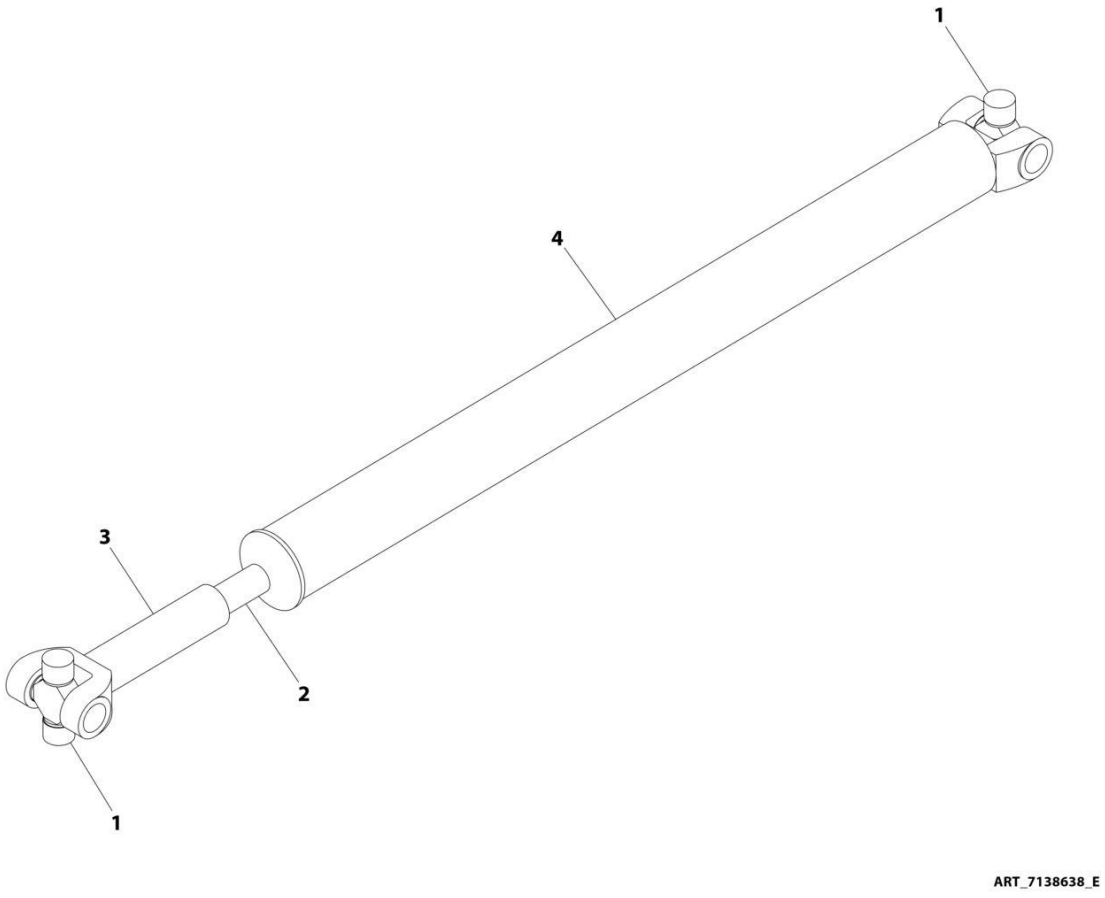
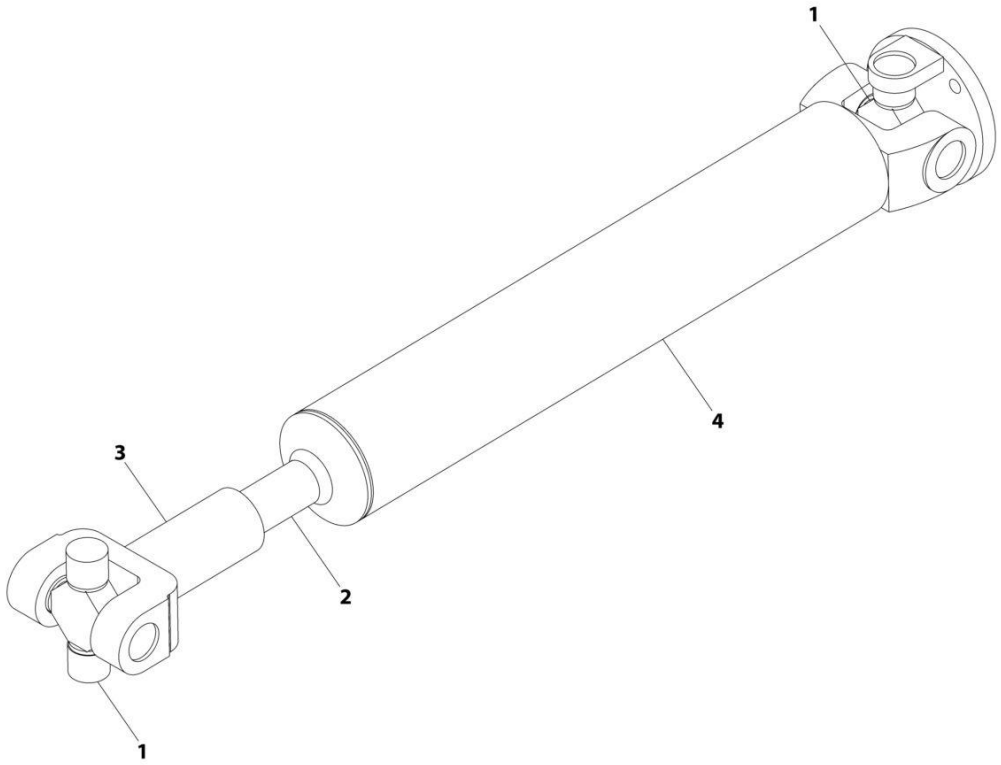


FIGURE 5-18. DRIVE SHAFT ASSEMBLY (FRONT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7138638	1	Front Drive Shaft Assembly	E
1	7026911	1	Kit, Cross and Bearing (two required per drive shaft)	
2	8035109	2	Kit, Dust Cap (one required per drive shaft)	
3	N.S.S.	2	Joint, Slip	
4	N.S.S.	2	Shaft, Yoke	

FIGURE 5-19. DRIVE SHAFT ASSEMBLY (INPUT)



ART_1001127784-C

FIGURE 5-19. DRIVE SHAFT ASSEMBLY (INPUT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001127784	Ref	Drive Shaft Input Assembly	C
1	1101841	2	Kit, Cross and Bearing	
2	8035109	1	Kit, Dust Cap	
3	See Note	NSS	Joint, Slip (Note: Purchase Complete Assembly)	
4	See Note	NSS	Shaft, Yoke (Note: Purchase Complete Assembly)	

FIGURE 5-20. DRIVE SHAFT ASSEMBLY (REAR)

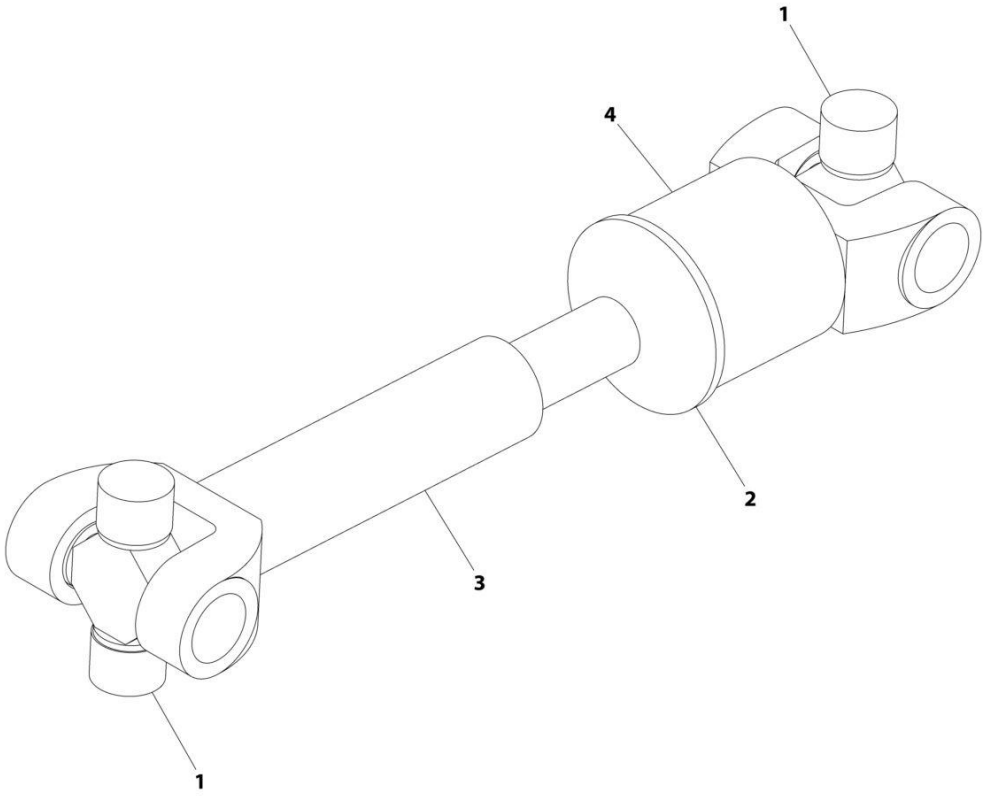


FIGURE 5-20. DRIVE SHAFT ASSEMBLY (REAR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7138639	Ref	Rear Drive Shaft Assembly	G
1	7026911	1	Kit, Cross and Bearing (two required per drive shaft)	
2	8035109	2	Kit, Dust Cap (one required per drive shaft)	
3	N.S.S.	2	Joint, Slip	
4	N.S.S.	2	Shaft, Yoke	

FIGURE 5-21. AXLE INSTALLATION (74HP)

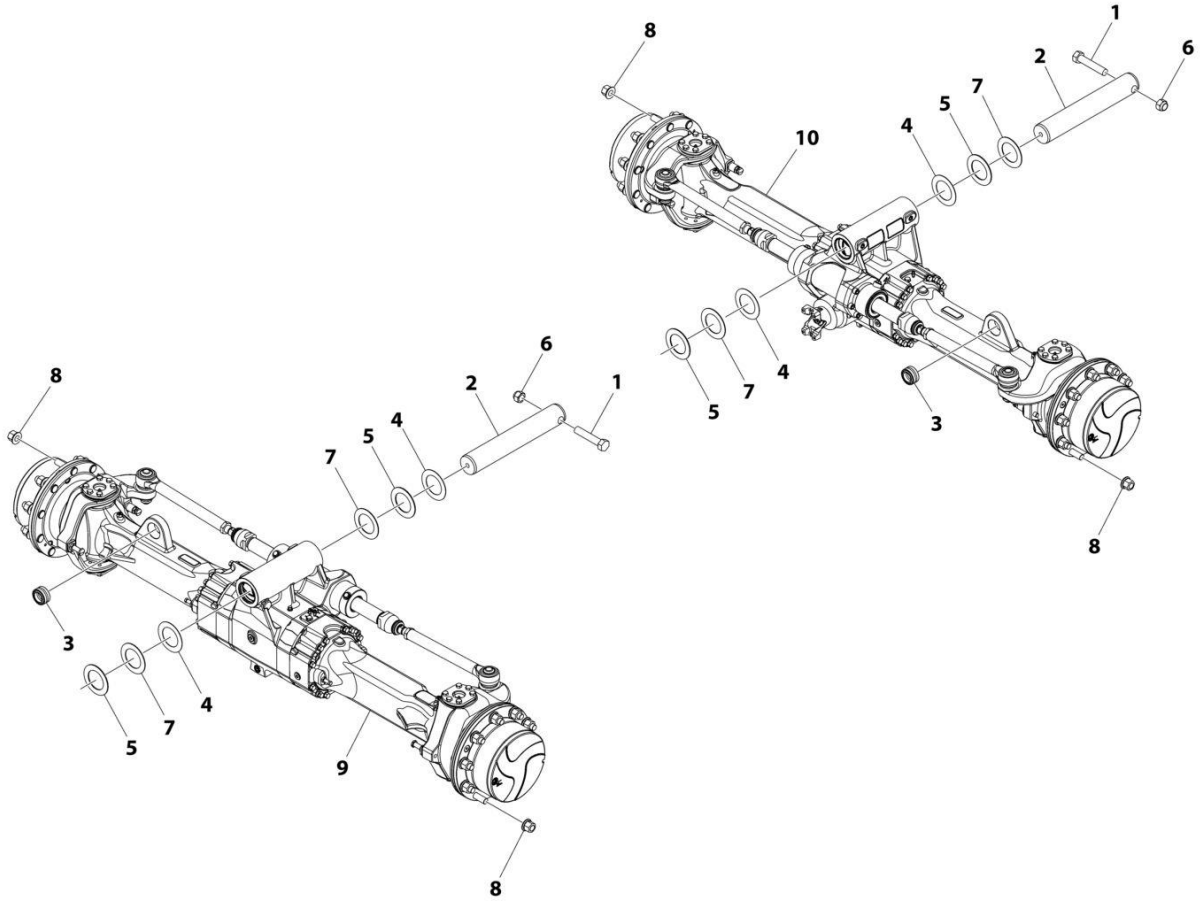
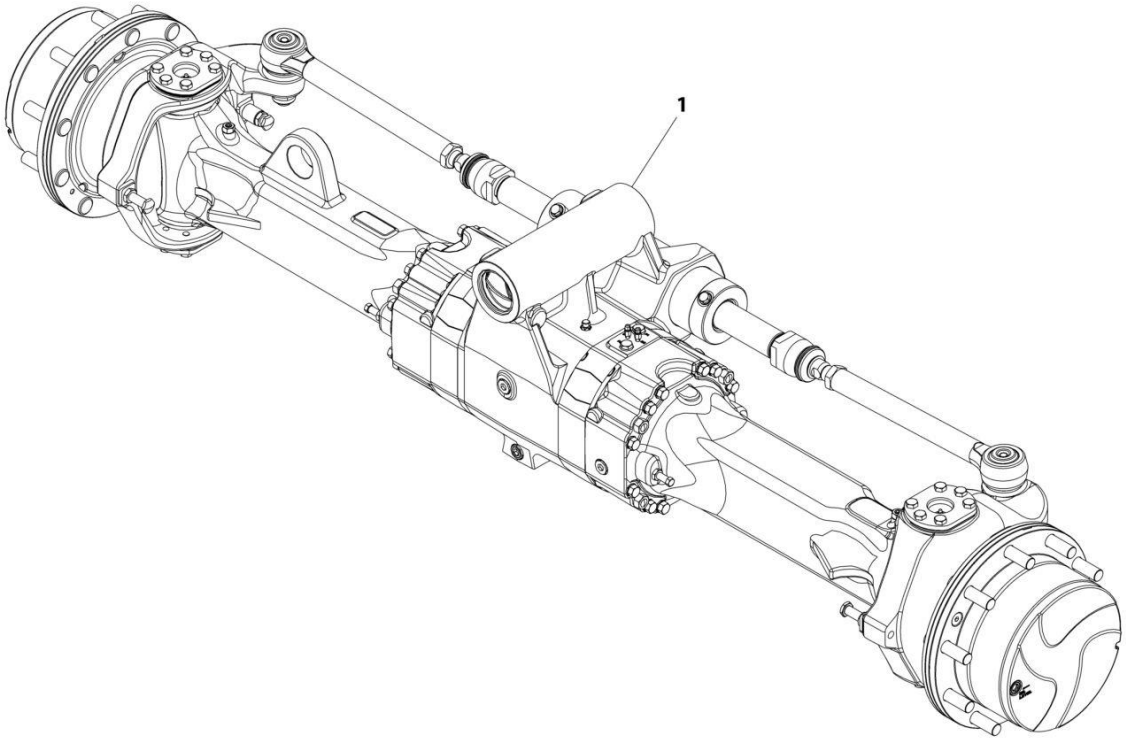


FIGURE 5-21. AXLE INSTALLATION (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229919	Ref	Axle Installation, 74HP	B
1	0642640	2	Bolt, 1-8X5	
2	3423254	2	Pin, Axle Pivot	
3	8050001	2	Bearing, Self-Align	
4	1001245213	AR	Washer, Shim 0.06	
5	1001245214	AR	Washer, Shim 0.09	
6	8310116	2	Nut, Lock 1-8	
7	1001245215	AR	Washer, Shim 0.12	
8	91403193	40	Nut, Lug M22X1-1/2	
9	1005798000	Ref	Installation, Front Axle, 74HP - 8042 (See Separate Breakdown in this Section)	
10	1005798100	Ref	Installation, Rear Axle, 74HP - 8042 (See Separate Breakdown in this Section)	

FIGURE 5-22. FRONT AXLE INSTALLATION (74HP) (8042)



ART_1005798000-C

FIGURE 5-22. FRONT AXLE INSTALLATION (74HP) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005798000	Ref	Front Axle Installation, 74HP	C
1		Ref	Front Axle - Central Housing (See Separate Breakdown in this Section)	
2		Ref	Front Axle - Differential (See Separate Breakdown in this Section)	
3		Ref	Front Axle - Hub Reduction (See Separate Breakdown in this Section)	
4		Ref	Front Axle - Brakes (See Separate Breakdown in this Section)	
5		Ref	Front Axle - Steering (See Separate Breakdown in this Section)	

FIGURE 5-23. FRONT AXLE - BRAKES (74HP) (8042)

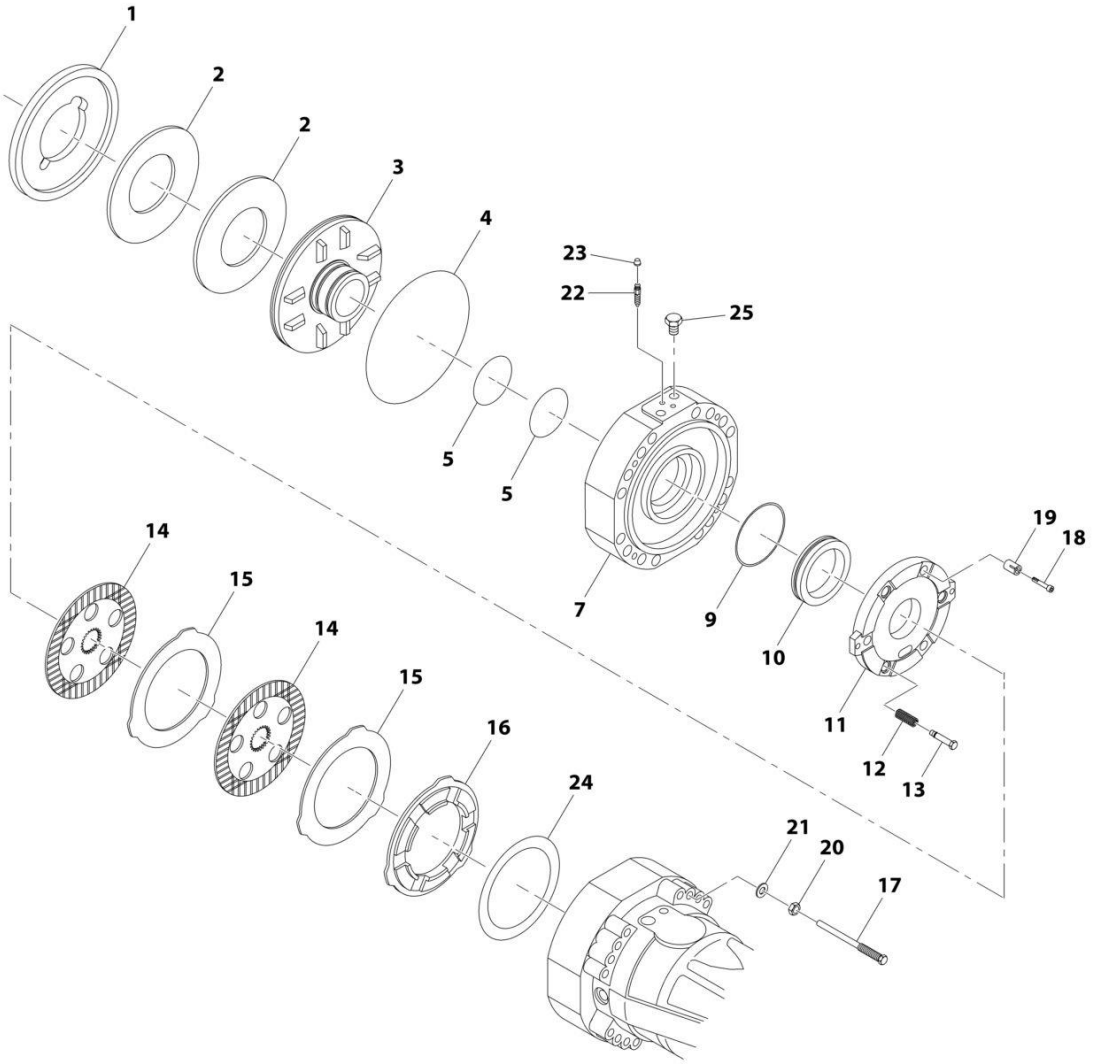


FIGURE 5-23. FRONT AXLE - BRAKES (74HP) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005798000	Ref	FRONT AXLE, BRAKES	C
1	7028734	1	Spacer	
2	91474559	4	Spring	
3	91474560	2	Piston	
4	91474561	2	O-Ring	
5	70026262	4	Seal	
7	7028735	2	Cover	
9	70026623	2	Seal	
10	70028946	2	Piston	
11	91474565	2	Disc, Intermediate Brake	
12	91514159	6	Spring	
13	70024210	6	Adjusting Bolt	
14	70028798	8	Disc	
15	70025823	8	Disc, Intermediate Brake	
16	91474570	2	Spacer	
17	7028736	4	Bolt	
18	7029787	6	Adjusting Bolt	
19	70027317	6	Spring	
20	80204060	4	Nut	
21	80204108	4	Washer, Lock	
22	80204281	4	Bolt	
23	80204117	4	Plug	
24	70025981	1	Shim Kit	
25	91514154	4	Bolt	

FIGURE 5-24. FRONT AXLE - CENTRAL HOUSING (74HP) (8042)

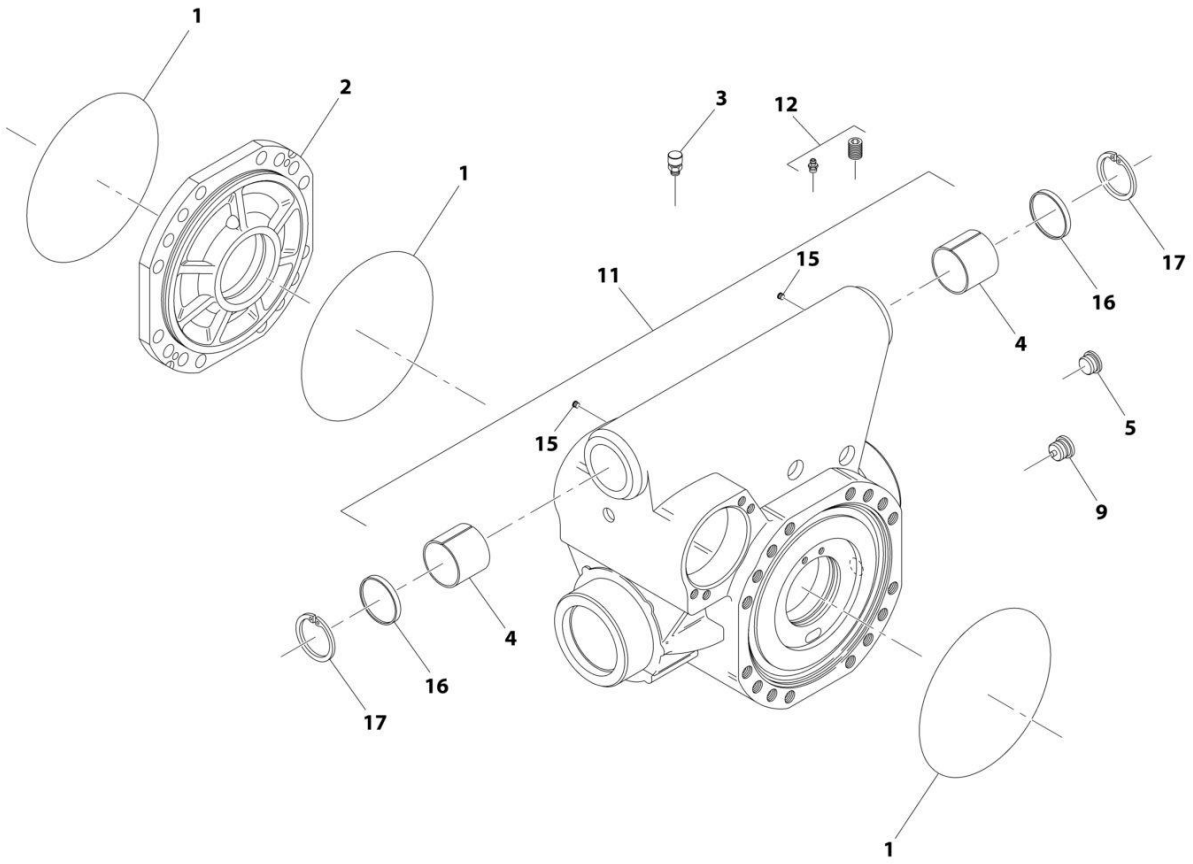


FIGURE 5-24. FRONT AXLE - CENTRAL HOUSING (74HP) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005798000	Ref	FRONT AXLE, CENTRAL HOUSING	C
1	91474507	3	O-Ring	
2	70024872	1	Cover	
3	91474512	1	Vent	
4	70028886	2	Thrust Bushing	
5	91514188	1	Plug	
9	7028706	1	Magnet Plug	
11	N.S.S.	1	Housing	
12	70024881	2	Fitting, Grease	
15	70028938	2	Plug	
16	70028974	2	Seal	
17	70028939	2	Ring	

FIGURE 5-25. FRONT AXLE - DIFFERENTIAL (74HP)

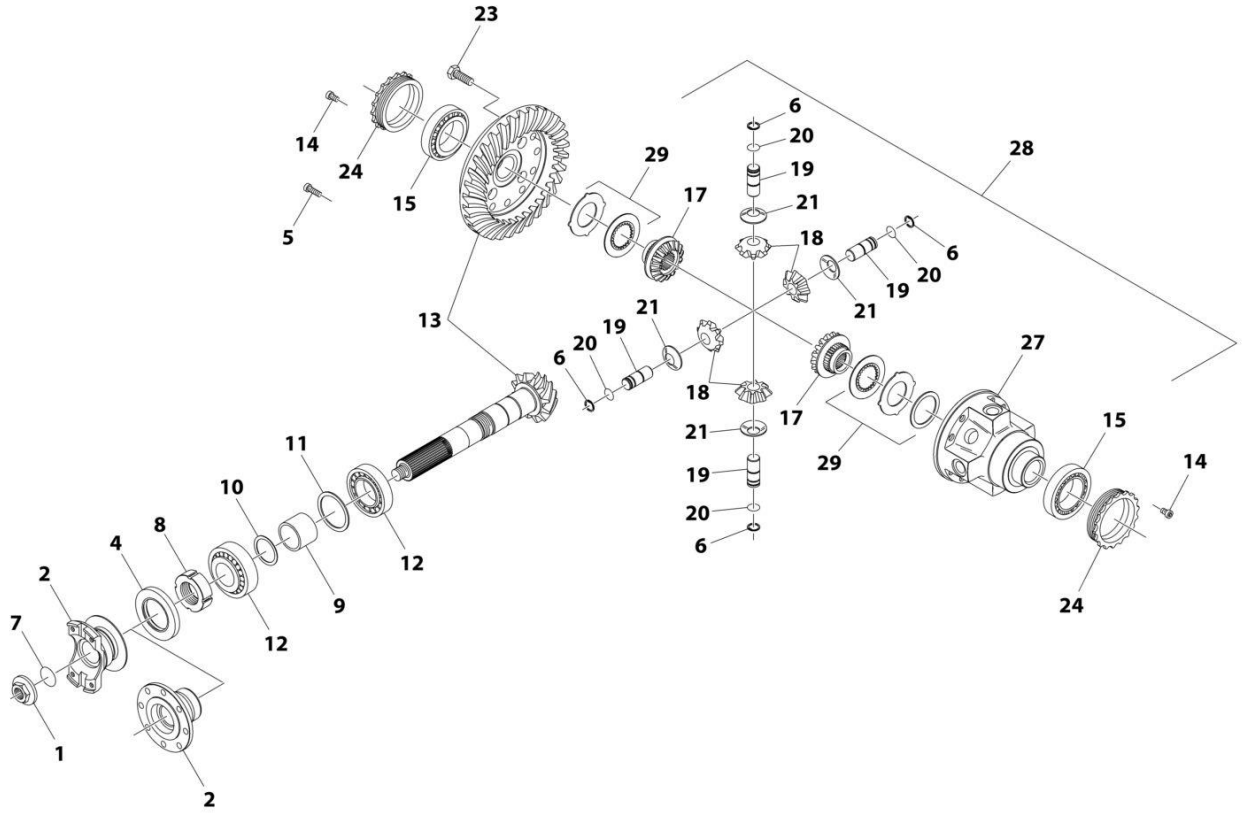


FIGURE 5-25. FRONT AXLE - DIFFERENTIAL (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005798000	Ref	FRONT AXLE, DIFFERENTIAL	C
1	70026631	1	Nut	
2	70022797	1	Flange	
4	70024522	1	Seal	
5	91474591	4	Bolt	
6	91474550	4	Circlip	
7	91474529	1	O-Ring	
8	91474533	1	Nut, Ring	
9	91474539	1	Spacer	
10	70025556	1	Kit, Shim	
11	70025555	1	Kit, Shim	
12	3968141	2	Bearing, Taper Roller	
13	8007749	1	Bevel Gear Set	
14	91514134	2	Bolt	
15	70028471	2	Bearing, Taper Roller	
17	91474549	2	Gear, Differential Side	
18	91474554	4	Pinion, Differential	
19	7029131	4	Pin	
20	91474551	4	Circlip	
21	91474553	4	Washer, Friction	
23	70025562	12	Bolt	
24	91474547	2	Nut, Ring	
27	8007751	1	Carrier, Differential	
28	70028940	1	Kit, Differential (Includes Items 6, 17-21, 27 & 29)	
29	8007755	2	Disc	

FIGURE 5-26. FRONT AXLE - HUB REDUCTION (74HP)

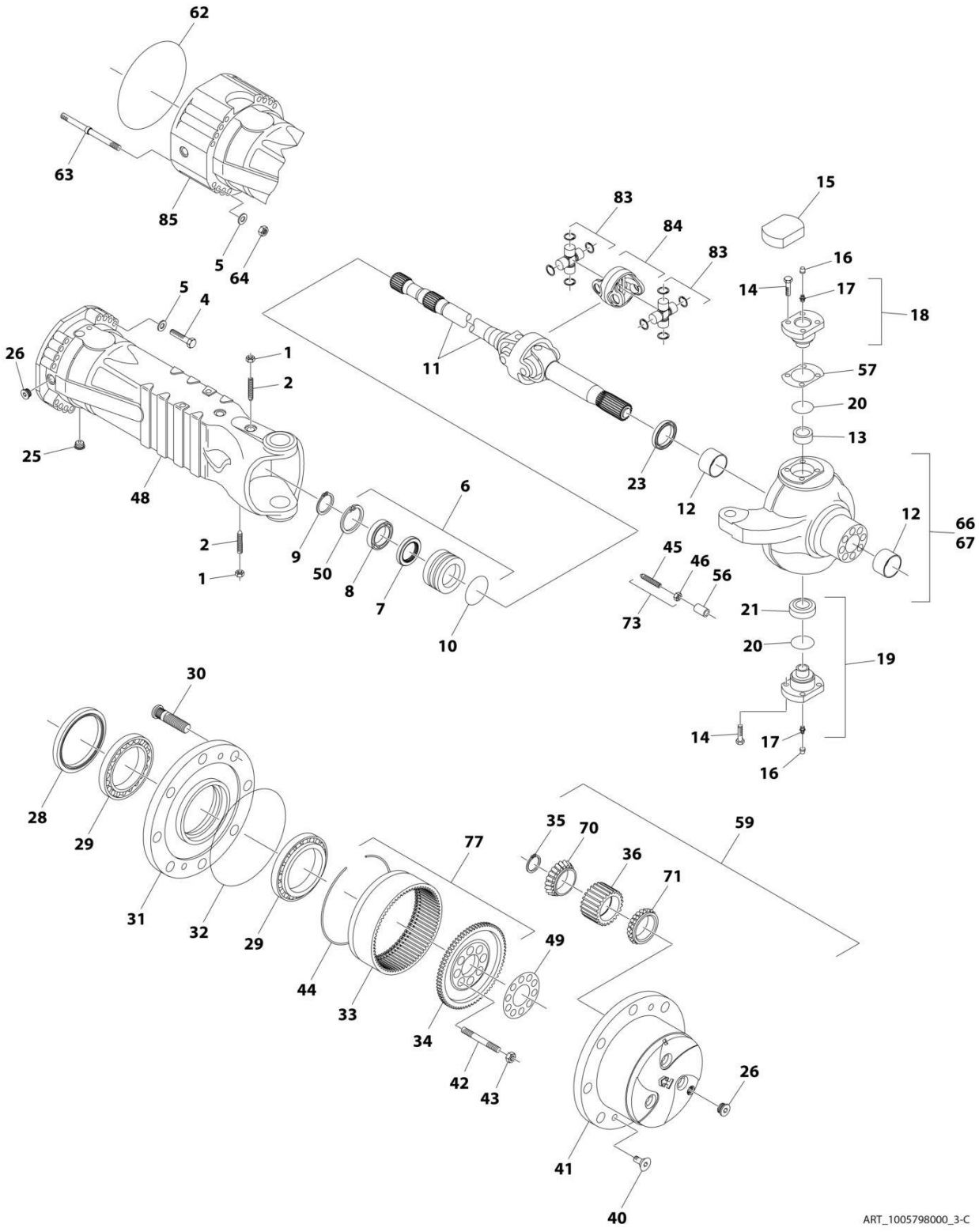


FIGURE 5-26. FRONT AXLE - HUB REDUCTION (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005798000	Ref	FRONT AXLE, HUB REDUCTION	C
1	91514082	2	Nut	
2	91514081	2	Bolt	
4	70025012	24	Bolt	
5	91514084	8	Washer	
6	91514149	2	Reduction Bushing (Includes Items 7, 8, 10 & 50)	
7	91514147	2	Seal	
8	91514146	2	Ball Bearing	
9	80204071	2	Circlip	
10	91514148	2	O-Ring	
11	70026803	2	Joint & Shaft, Double Universal	
12	91514111	2	Bushing, Thrust	
13	7028714	2	Bushing	
14	70025562	24	Bolt	
15	70028392	2	Cover	
16	80204117	2	Plug	
17	70024881	4	Fitting, Grease	
18	70028890	2	Pivot Pin	
19	70028891	2	Pivot Pin	
20	7028716	4	Seal, Dust	
21	91514095	2	Bearing	
23	70026238	2	Seal	
25	7028706	4	Plug, Magnet	
26	91514188	2	Plug	
28	7028721	2	Seal	
29	91474576	4	Bearing	
30	91514183	20	Wheel Stud	
31	7028722	2	Wheel Hub	
32	91514181	2	O-Ring	
33	70026811	2	Gear, Ring	
34	70026812	2	Support, Ring Gear	
35	70028925	3	Circlip	
36	70028941	6	Differential Pinion	
40	91514189	4	Bolt, Countersunk	
41	N.S.S.	1	Planet Gear Carrier	
42	70027315	16	Stud	
43	91474584	16	Nut	
44	91514175	2	Circlip	
45	91514117	4	Bolt	
46	80204065	4	Nut	
48	70028942	1	Case, Axle	
49	70026622	2	Plate, Locking	
50	80204005	2	Circlip	
56	7029311	2	Spacer	
57	70025561	1	Kit, Shim	
59	70028881	2	Kit, Planet Gear (Includes Items 35, 36, 41, 70 & 71)	
62	91474507	2	O-Ring	
63	70025014	8	Stud	
64	91514083	8	Nut	
66	70029471	1	Steering Case	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
67	70029472	1	Steering Case	
70	7028731	6	Bearing	
71	7028732	6	Bearing	
73	7028733	4	Bolt, Steering Adjust (Includes Items 45 & 46)	
77	70026806	2	Kit, Ring Gear Support (Includes Items 33, 34 & 44)	
83	70028943	2	Cross Joint	
84	70028944	1	Center Section Joint	
85	70028945	1	Case, Axle	

FIGURE 5-27. FRONT AXLE - STEERING (74HP) (8042)

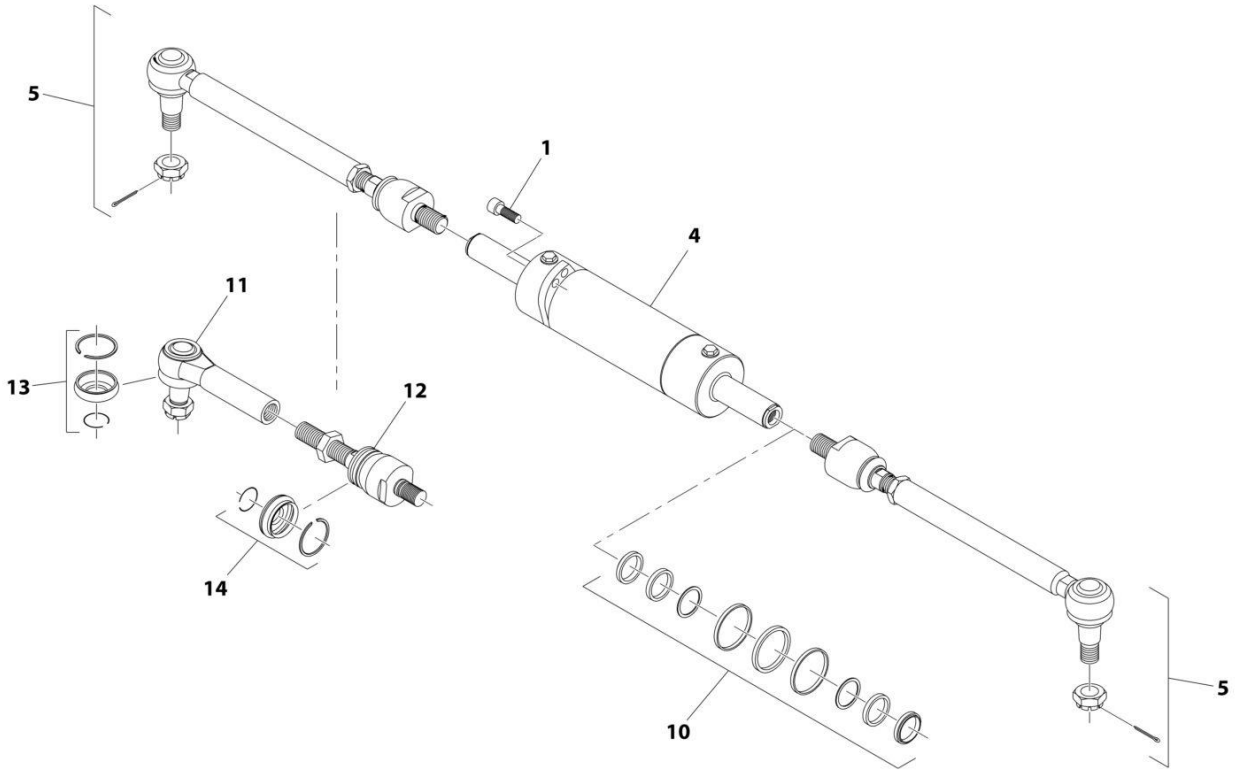
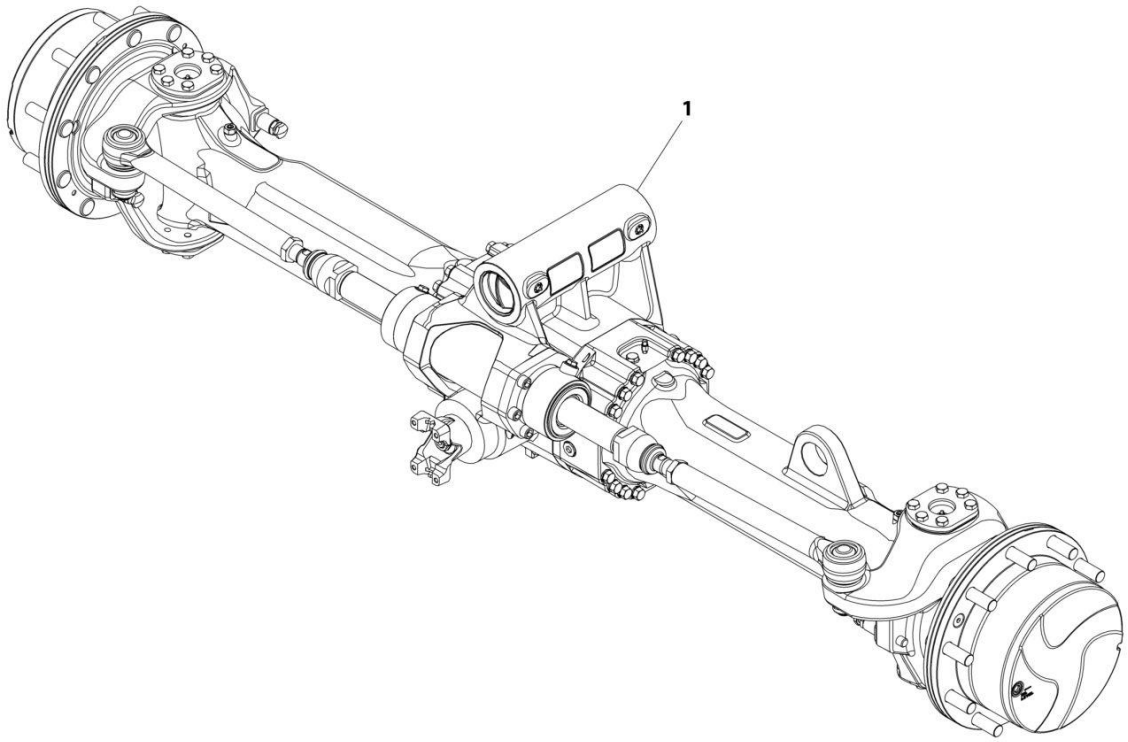


FIGURE 5-27. FRONT AXLE - STEERING (74HP) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005798000	Ref	FRONT AXLE, STEERING	C
1	80204144	5	Bolt	
4	70028947	1	Cylinder	
5	70028948	2	Tie Rod	
10	7029127	1	Kit, Seal	
11	70028949	1	Joint, 90	
12	70028950	1	Axial Joint Shaft	
13	70028951	1	Rubber Boot and Locking Ring Kit	
14	70028952	1	Rubber Boot and Locking Ring Kit	

FIGURE 5-28. REAR AXLE INSTALLATION (74HP) (8042)



ART_1005798100-C

FIGURE 5-28. REAR AXLE INSTALLATION (74HP) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005798100	Ref	Rear Axle Installation 74HP	C
		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)	

FIGURE 5-29. REAR AXLE - BRAKES (74HP) (8042)

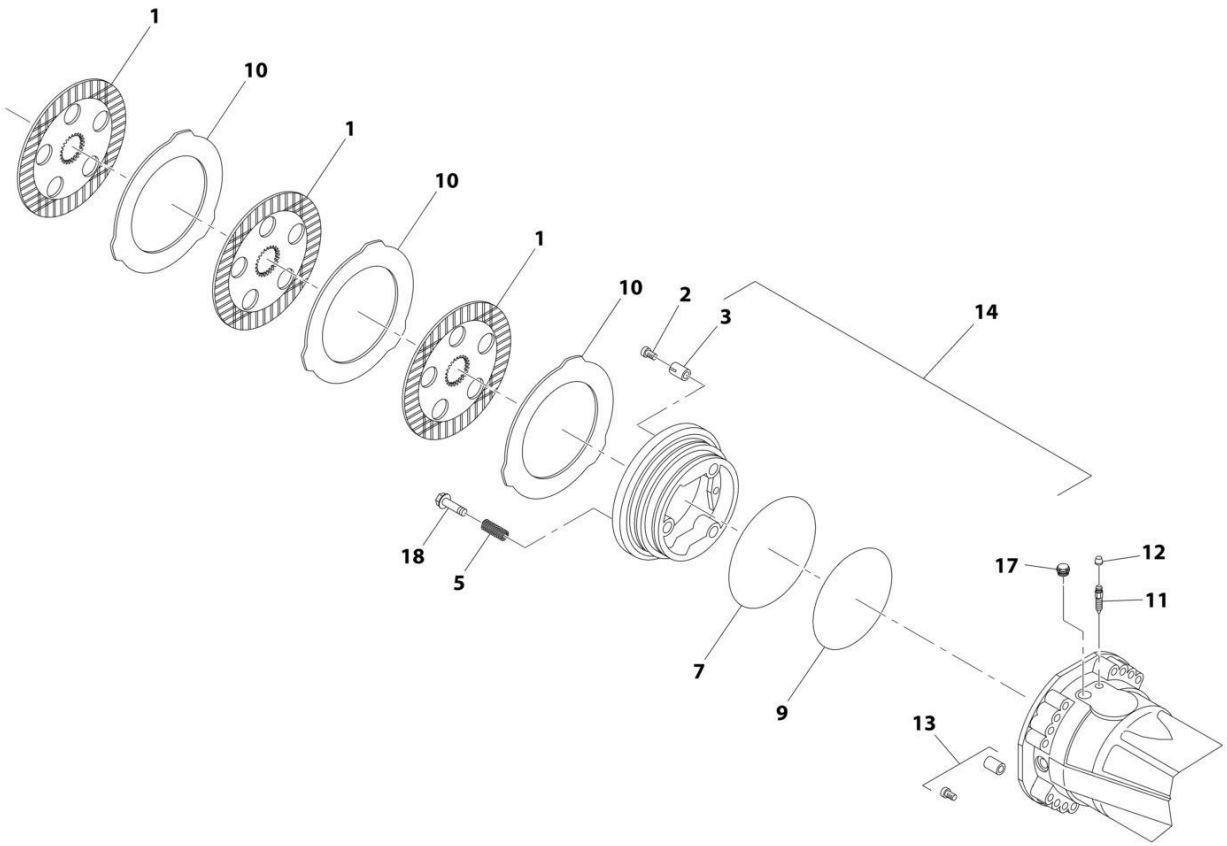


FIGURE 5-29. REAR AXLE - BRAKES (74HP) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005798100	Ref	REAR AXLES, BRAKES	C
1	70028798	8	Disc	
2	7029785	6	Adjusting Bolt	
3	70027317	6	Spring	
5	91514159	6	Spring	
7	70025821	2	O-Ring	
9	70025822	2	O-Ring	
10	70025823	10	Disc, Intermediate Brake	
11	80204281	2	Bolt, Bleeding	
12	80204117	2	Plug	
13	70021613	2	Bolt	
14	70028452	1	Piston Kit (Includes Piston & Seals)	
17	91514154	2	Bolt	
18	70024210	6	Bolt	

FIGURE 5-30. REAR AXLE - CENTRAL HOUSING (74HP) (8042)

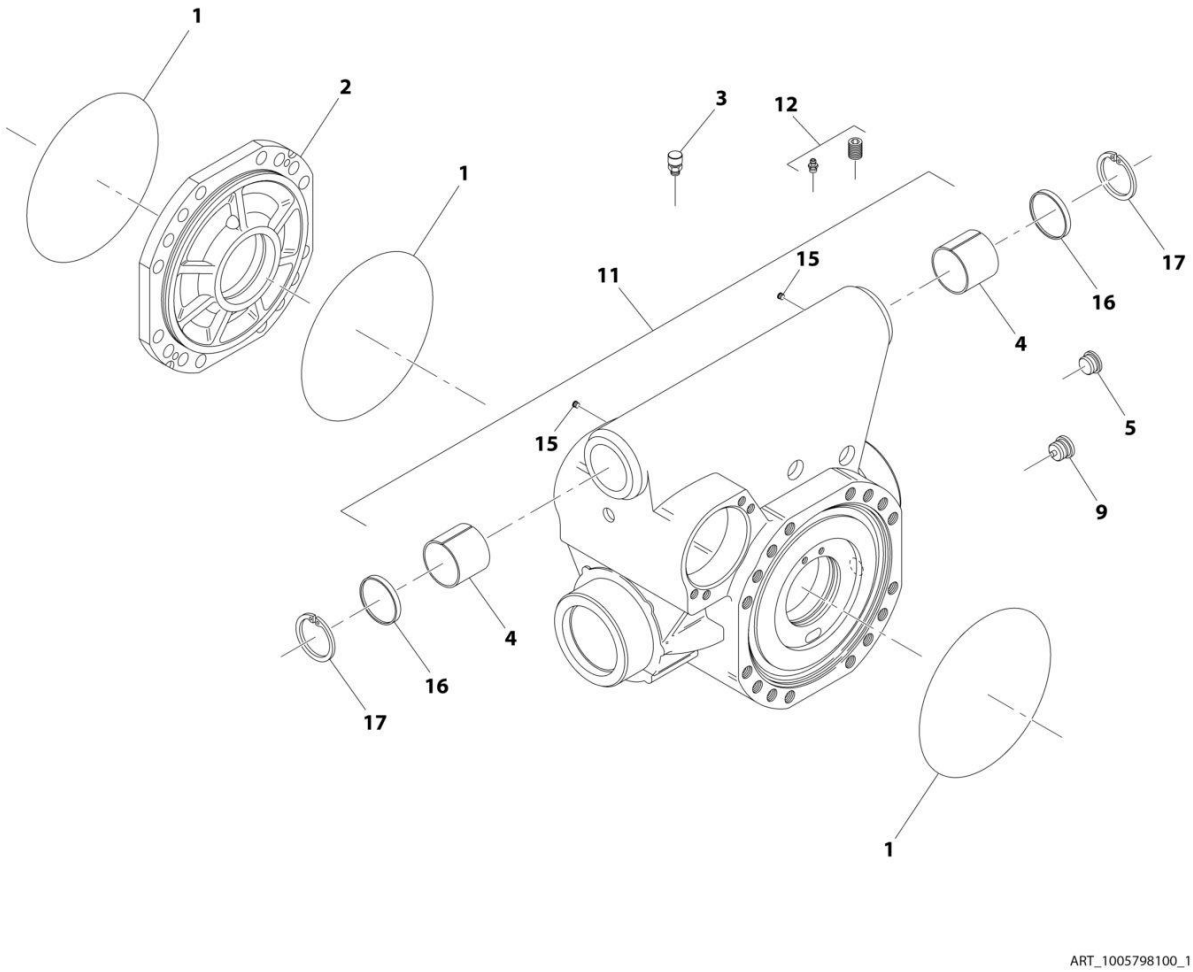


FIGURE 5-30. REAR AXLE - CENTRAL HOUSING (74HP) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005798100	Ref	REAR AXLE, CENTRAL HOUSING	C
1	91474507	3	O-Ring	
2	70024519	1	Cover	
3	91474512	1	Vent	
4	70028886	2	Thrust Bushing	
5	91514188	1	Plug	
9	7028706	1	Magnet Plug	
11	N.S.S.	1	Housing	
12	70024881	2	Fitting, Grease	
15	70028938	2	Plug	
16	70028974	2	Seal	
17	70028939	2	Ring	

FIGURE 5-31. REAR AXLE - DIFFERENTIAL (74HP)

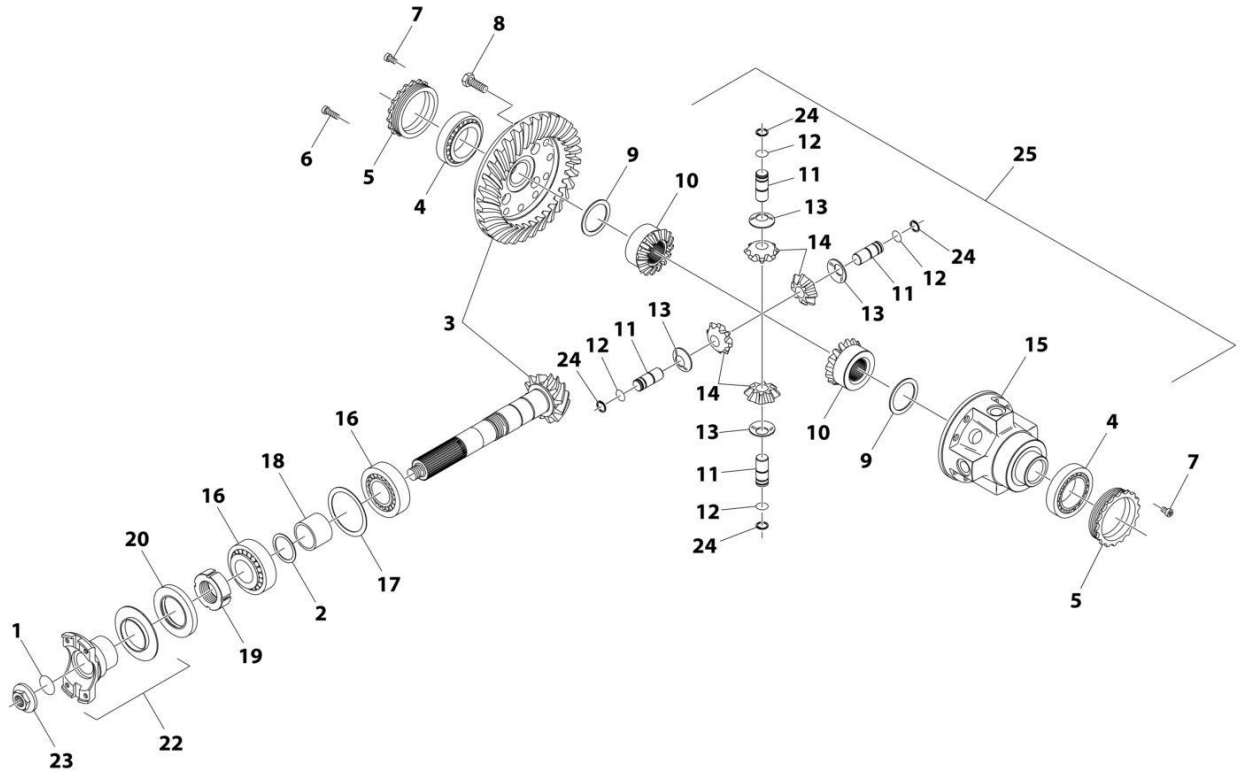


FIGURE 5-31. REAR AXLE - DIFFERENTIAL (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005798100	Ref	REAR AXLE, DIFFERENTIAL	C
1	91474529	1	O-Ring	
2	70025556	1	Shim Kit	
3	7028043	1	Bevel Gear Set	
4	70028471	2	Bearing, Taper Roller	
5	91474547	2	Nut, Ring	
6	91474591	4	Bolt	
7	91514134	2	Bolt	
8	70025562	12	Bolt	
9	91474593	2	Washer, Friction	
10	70025569	2	Gear, Differential Side	
11	7029131	4	Pin	
12	91474551	4	Circlip	
13	91474553	4	Washer, Friction	
14	70025570	4	Pinion, Differential	
15	91474595	1	Carrier, Differential	
16	3968141	2	Bearing, Taper Roller	
17	70025555	1	Shim Kit	
18	91474539	1	Spacer	
19	91474533	1	Nut, Ring	
20	70024522	1	Seal	
22	70022797	1	Flange	
23	70026631	1	Nut	
24	91474550	4	Circlip	
25	70021140	1	Kit, Differential (Includes Items 9-15 & 24)	

FIGURE 5-32. REAR AXLE - HUB REDUCTION (74HP)

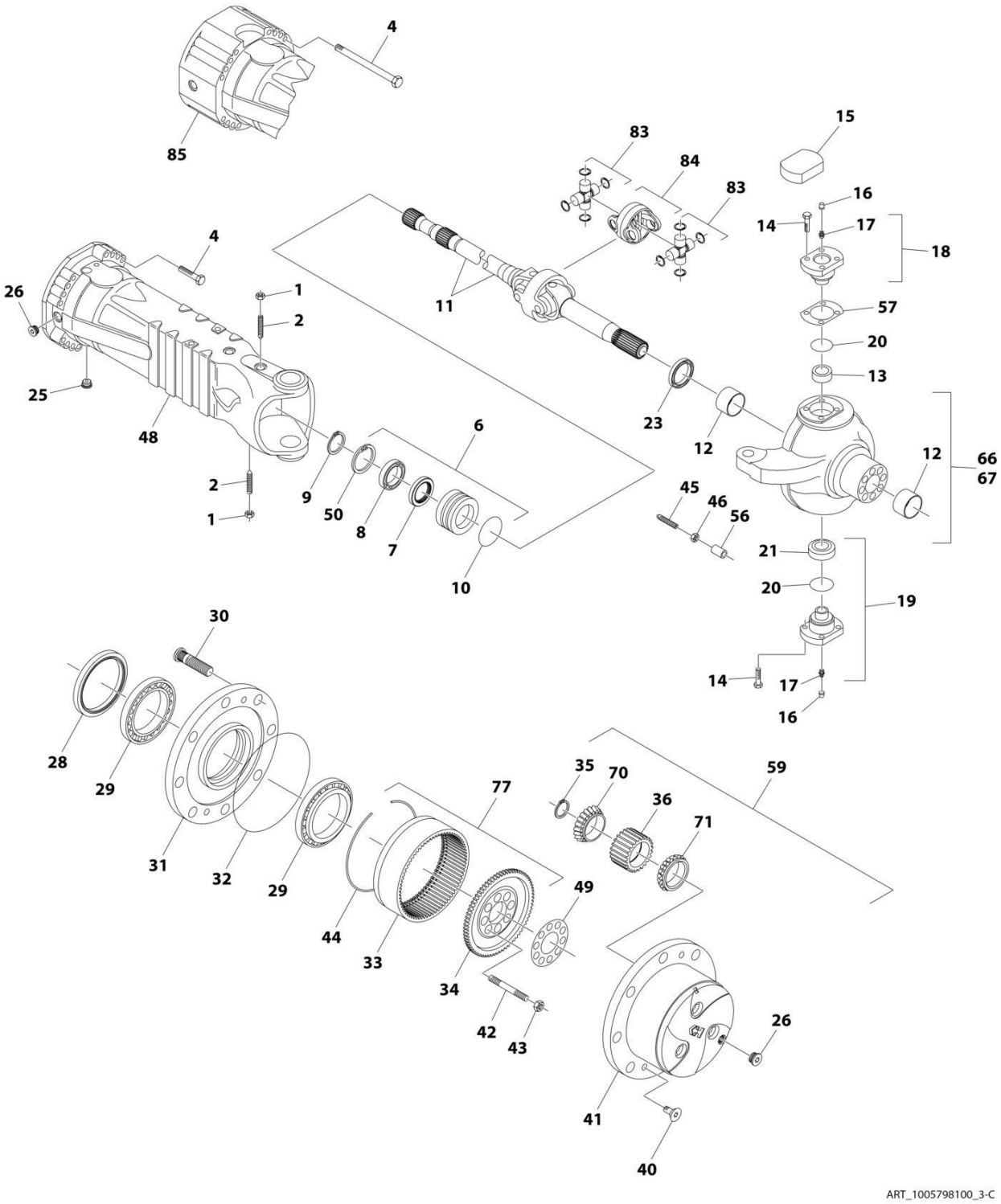


FIGURE 5-32. REAR AXLE - HUB REDUCTION (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005798100	Ref	REAR AXLE, HUB REDUCTION	C
1	91514082	2	Nut	
2	91514081	2	Bolt	
4	70022799	32	Bolt	
6	91514149	2	Reduction Bushing (Includes Items 7, 8, 10 & 50)	
7	91514147	2	Seal	
8	91514146	2	Ball Bearing	
9	80204071	2	Circlip	
10	91514148	2	O-Ring	
11	70026803	2	Joint & Shaft, Double Universal	
12	91514111	2	Bushing, Thrust	
13	7028714	2	Bushing	
14	70025562	24	Bolt	
15	70028392	2	Cover	
16	80204117	2	Plug	
17	70024881	4	Fitting, Grease	
18	70028890	2	Pivot Pin	
19	70028891	2	Pivot Pin	
20	7028716	4	Seal, Dust	
21	91514095	2	Bearing	
23	70026238	2	Seal	
25	7028706	4	Plug, Magnet	
26	91514188	2	Plug	
28	7028721	2	Seal	
29	91474576	4	Bearing	
30	91514183	20	Wheel Stud	
31	7028722	2	Wheel Hub	
32	91514181	2	O-Ring	
33	70026811	2	Gear, Ring	
34	70026812	2	Support, Ring Gear	
35	70028925	3	Circlip	
36	70028941	6	Differential Pinion	
40	91514189	4	Bolt, Countersunk	
41	N.S.S.	1	Planet Gear Carrier	
42	70027315	16	Stud	
43	91474584	16	Nut	
44	91514175	2	Circlip	
45	70028975	4	Bolt	
46	80204065	4	Nut	
48	70028976	1	Case, Axle	
49	70026622	2	Plate, Locking	
50	80204005	2	Circlip	
56	7029311	2	Spacer	
57	70025561	1	Kit, Shim	
59	70028881	2	Kit, Planet Gear (Includes Items 35, 36, 41, 70 & 71)	
66	70029471	1	Steering Case	
67	70029472	1	Steering Case	
70	7028731	6	Bearing	
71	7028732	6	Bearing	
77	70026806	2	Kit, Ring Gear Support (Includes Items 33, 34 & 44)	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
83	70028943	2	Cross Joint	
84	70028944	1	Center Section Joint	
85	70028977	1	Case, Axle	

FIGURE 5-33. REAR AXLE - STEERING (74HP) (8042)

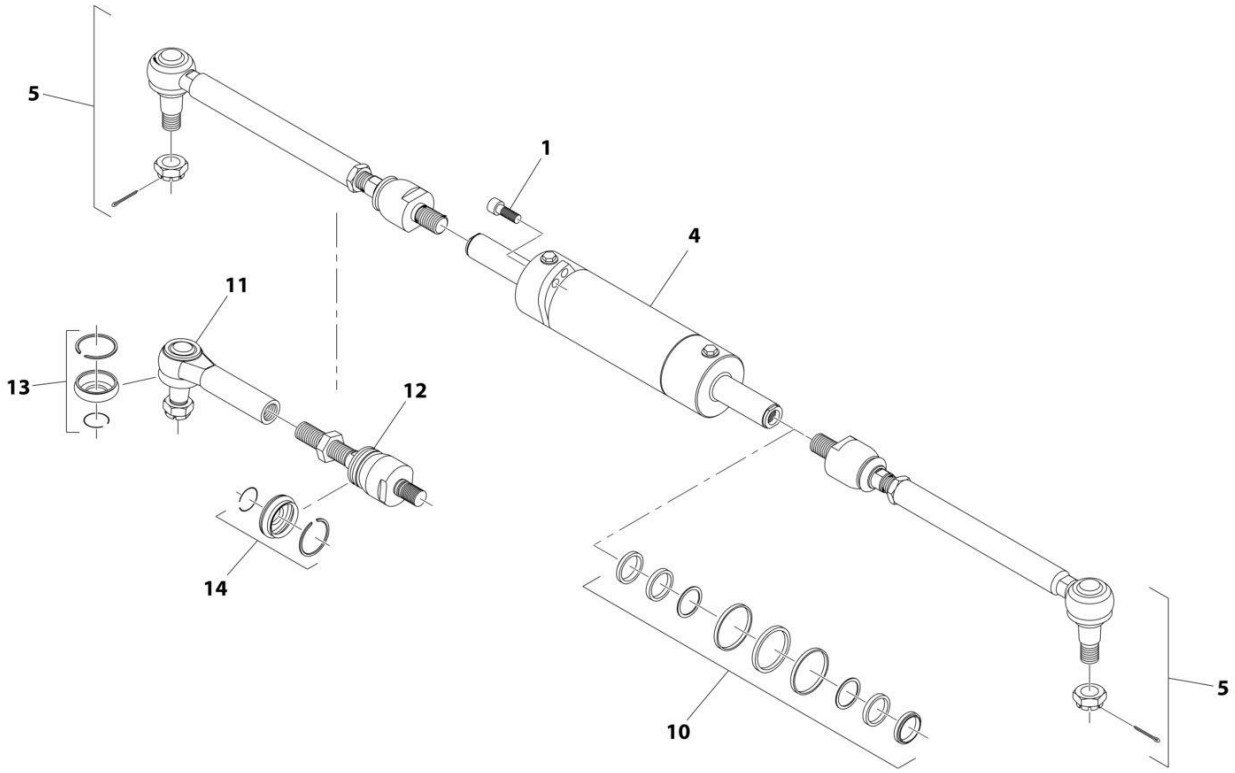


FIGURE 5-33. REAR AXLE - STEERING (74HP) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005798100	Ref	REAR AXLE, STEERING	C
1	80204144	5	Bolt	
4	70028947	1	Cylinder	
5	70028948	2	Tie Rod	
10	7029127	1	Kit, Seal	
11	70028949	1	Joint, 90	
12	70028950	1	Axial Joint Shaft	
13	70028951	1	Rubber Boot and Locking Ring Kit	
14	70028952	1	Rubber Boot and Locking Ring Kit	

FIGURE 5-34. AXLE INSTALLATION (110HP)

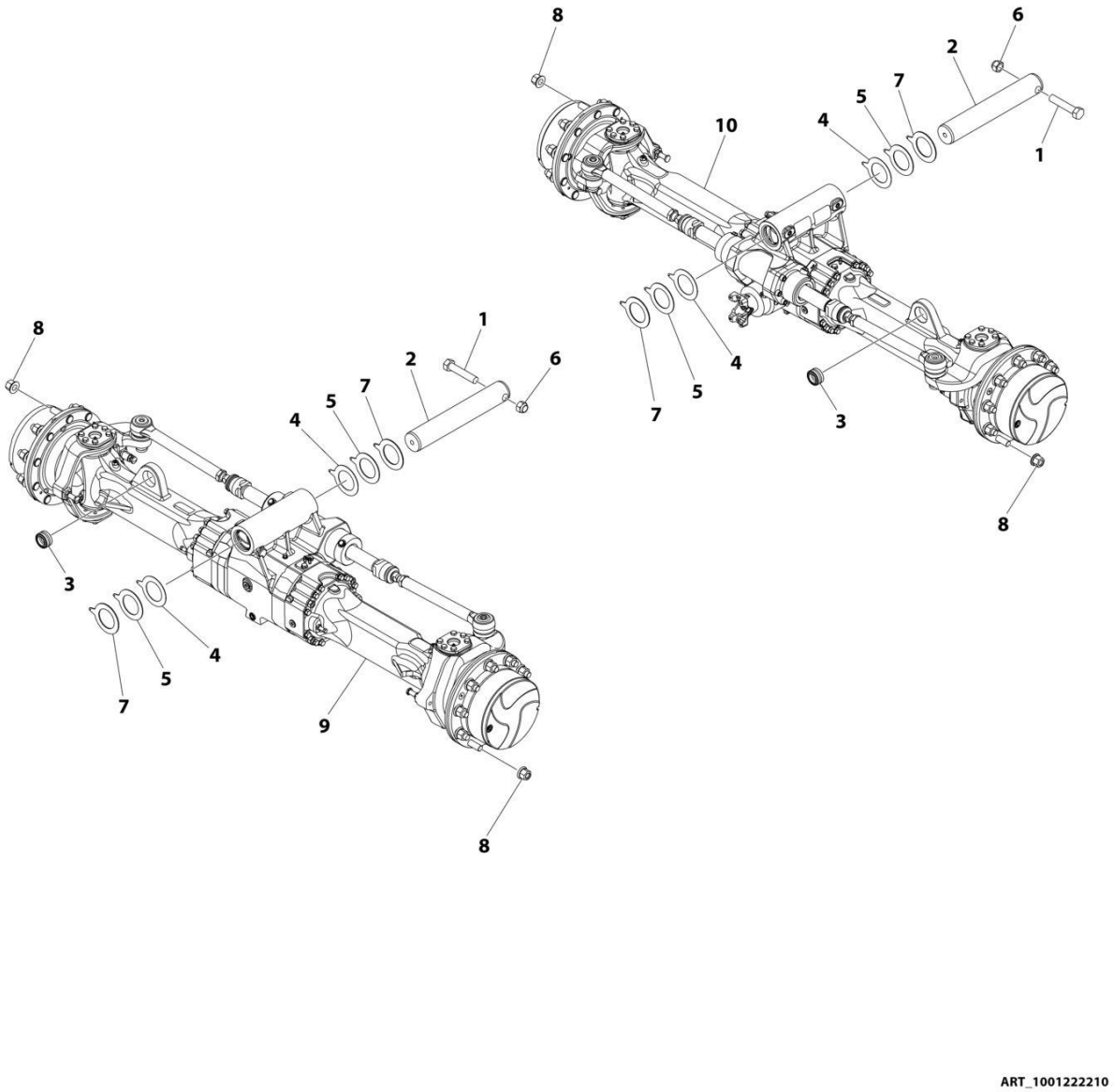
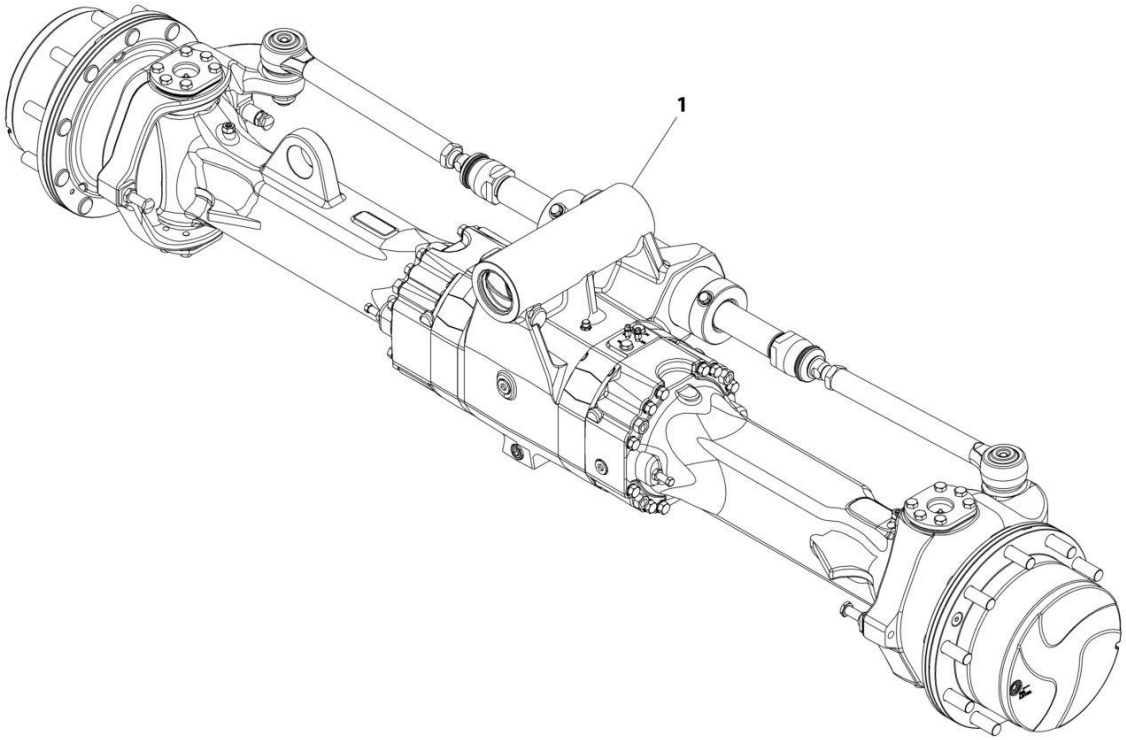


FIGURE 5-34. AXLE INSTALLATION (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222210	Ref	Axle Installation (110HP) (ULS) - 8042	C
1	0642640	2	Hex HD Capscrew, 1-8X5, GR5	
2	3423254	2	Axle Pivot Pin, (8042)	
3	8050001	2	Bearing	
4	1001245213	4	Shim Axle, 0.060	
5	1001245214	4	Shim Axle, 0.090	
6	8310116	2	Hex Locknut, 1-8, (8042)	
7	1001245215	4	Shim Axle, 0.120	
8	91403193	40	Lug Nut, M22X1-1/2	
9	1001220492	1	Front Axle (8042) (ULS) (See Separate Breakdown in this Section)	
10	1001220493	1	Rear Axle (8042) (ULS) (See Separate Breakdown in this Section)	

FIGURE 5-35. FRONT AXLE INSTALLATION (110HP)



ART_1001220492-D

FIGURE 5-35. FRONT AXLE INSTALLATION (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220492	Ref	Front Axle (110HP) (ULS)	D
		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)	

FIGURE 5-36. FRONT AXLE - BRAKES (110HP)

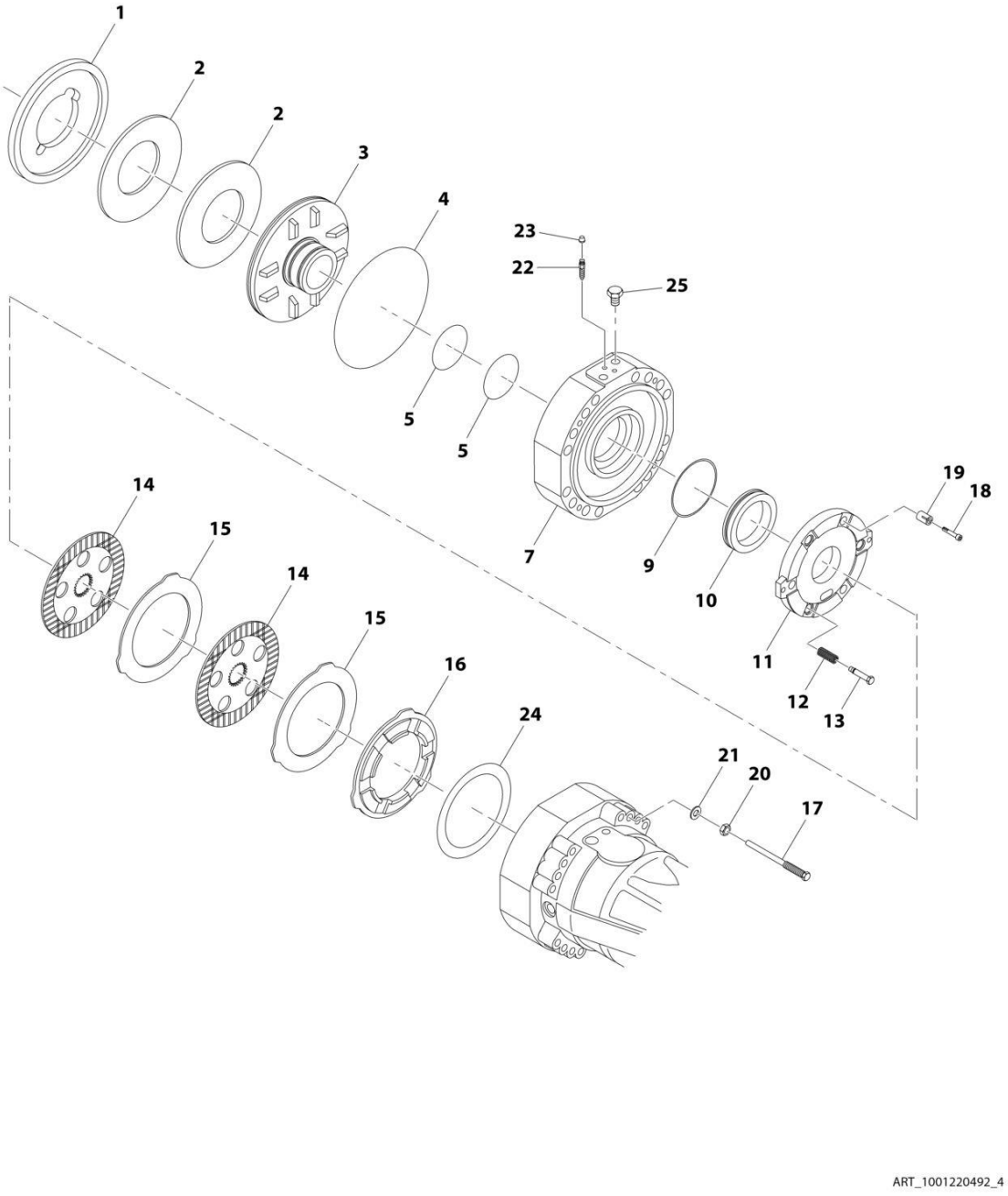


FIGURE 5-36. FRONT AXLE - BRAKES (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220492	Ref	FRONT AXLE, BRAKES	D
1	7028734	1	Spacer	
2	91474559	4	Spring	
3	91474560	2	Piston	
4	91474561	2	O-Ring	
5	70026262	4	O-Ring, Anti-Twist	
7	7028735	2	Cover	
9	70026623	2	O-Ring, Anti-Twist	
10	70028946	2	Piston	
11	91474565	2	Brake Disc	
12	91514159	6	Spring	
13	70024210	6	Adjusting Bolt	
14	70028798	8	Disc	
15	70025823	8	Intermediate Brake Disc	
16	91474570	2	Spacer	
17	7028736	4	Bolt	
18	7029787	6	Adjusting Bolt	
19	70027317	6	Spring	
20	80204060	4	Nut	
21	80204108	4	Lock Washer	
22	80204281	4	Bleeding Bolt	
23	80204117	4	Plug	
24	70025981	1	Shim Kit	
25	91514154	4	Plug With Seal Washer	

FIGURE 5-37. FRONT AXLE - CENTRAL HOUSING (110HP)

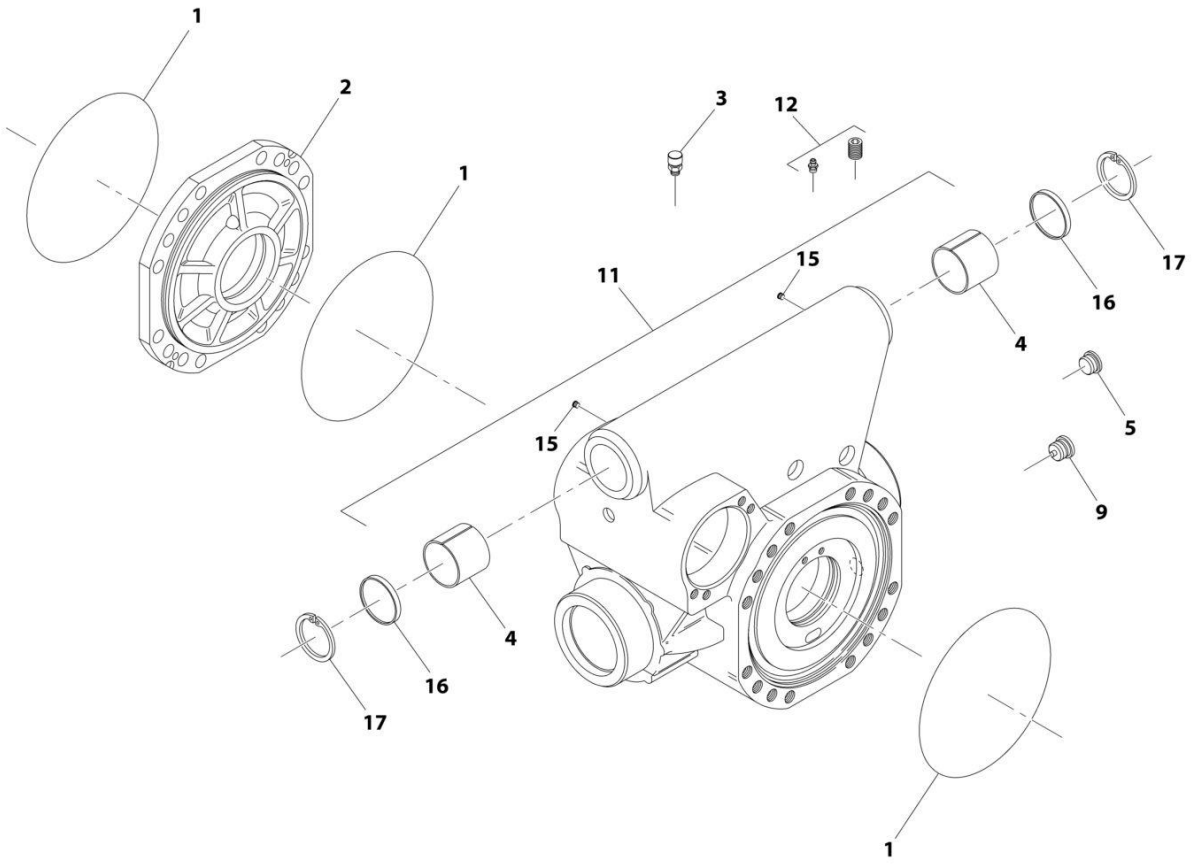


FIGURE 5-37. FRONT AXLE - CENTRAL HOUSING (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220492	Ref	FRONT AXLE, CENTRAL HOUSING	D
1	91474507	3	O-Ring	
2	70024872	1	Cover	
3	91474512	1	Plug	
4	70028886	2	Thrust Bushing	
5	91514188	1	Plug With Seal Washer	
9	7028706	1	Magnetic Plug	
11	N.S.S.	1	Housing	
12	70024881	2	Grease Fitting	
15	70028938	2	Plug	
16	70028974	2	Seal	
17	70028939	2	Ring	

FIGURE 5-38. FRONT AXLE - DIFFERENTIAL (110HP)

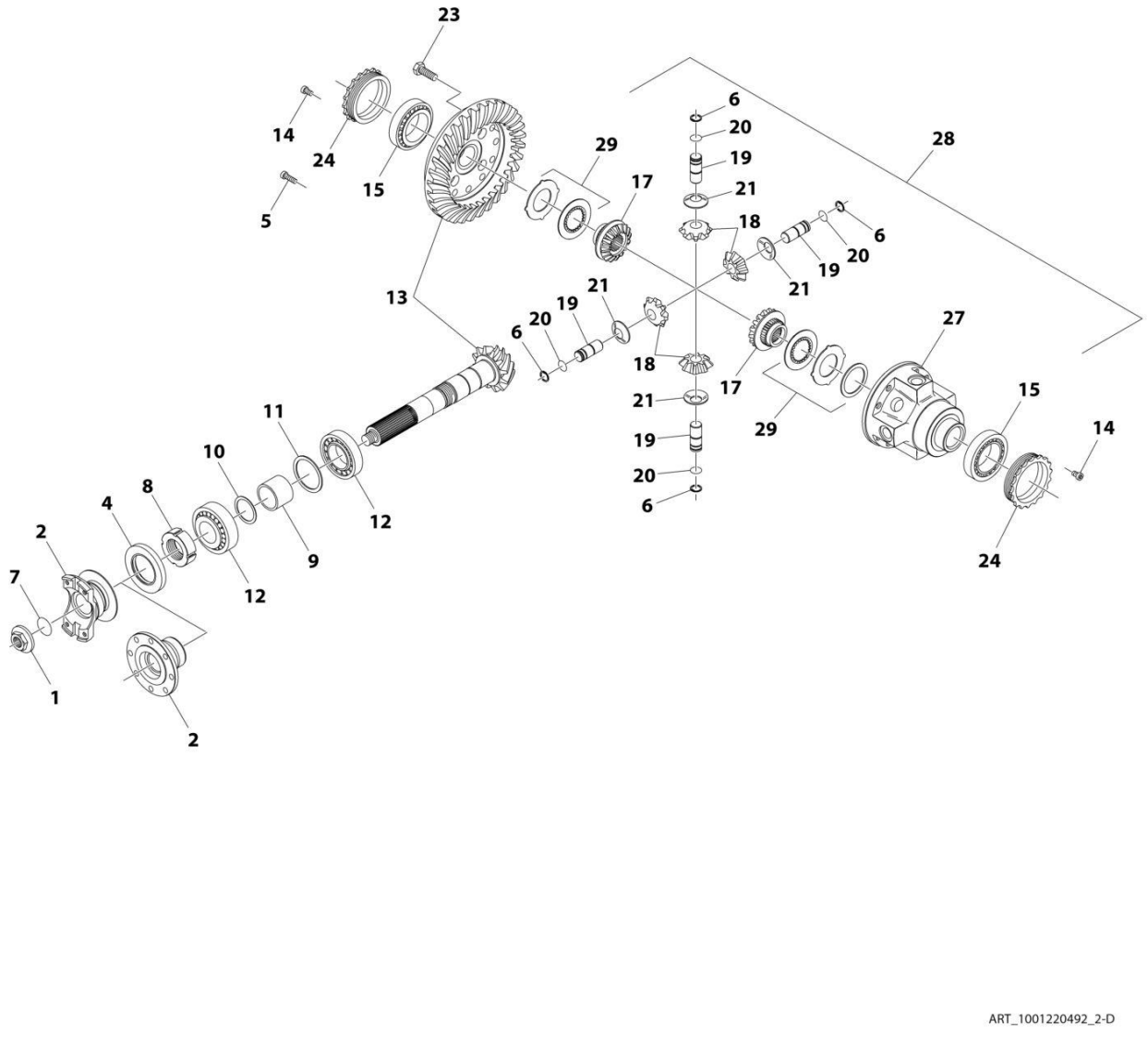


FIGURE 5-38. FRONT AXLE - DIFFERENTIAL (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220492	Ref	FRONT AXLE, DIFFERENTIAL	D
1	70026631	1	Nut	
2	70022797	1	Flange and Cover Kit	
4	70024522	1	Seal	
5	91474591	4	Bolt	
6	91474550	4	Circlip	
7	91474529	1	O-Ring	
8	91474533	1	Ring Nut	
9	91474539	1	Spacer	
10	70025556	1	Shim Kit	
11	70025555	1	Shim Kit	
12	3968141	2	Tapered Roller Bearing	
13	70025547	1	Bevel Gear Set	
14	91514134	2	Bolt	
15	70028471	2	Tapered Roller Bearing	
17	91474549	2	Differential Side Gear	
18	91474554	4	Differential Pinion	
19	7029131	4	Pin	
20	91474551	4	Circlip	
21	91474553	4	Friction Washer	
23	70025562	12	Bolt	
24	91474547	2	Ring Nut	
27	8007751	1	Differential Carrier	
28	70028940	1	Kit, Differential (Includes Items 6, 17-21, 27 & 29)	
29	8007755	2	Disc	

FIGURE 5-39. FRONT AXLE - HUB REDUCTION (110HP)

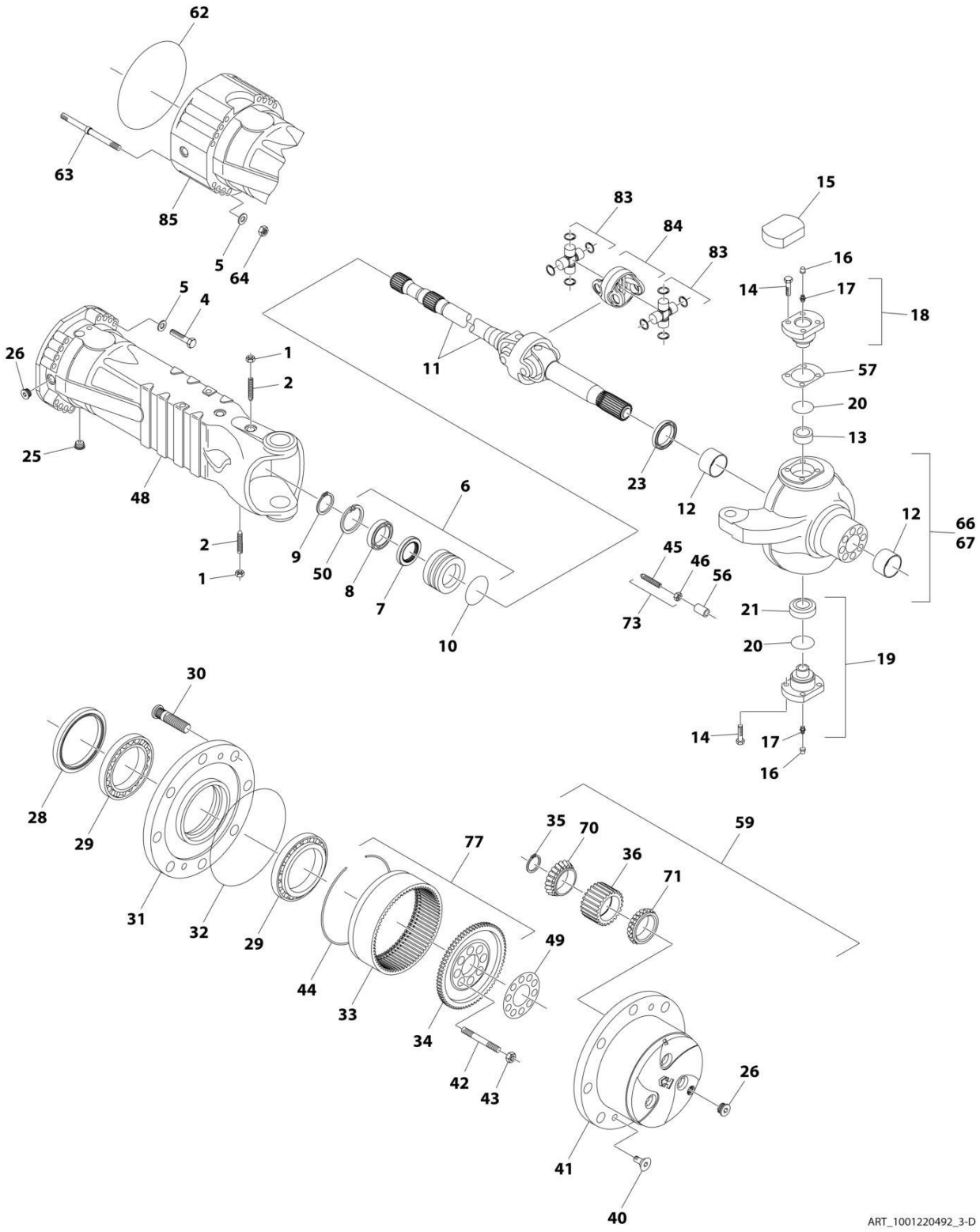


FIGURE 5-39. FRONT AXLE - HUB REDUCTION (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220492	Ref	FRONT AXLE, HUB REDUCTION	D
1	91514082	2	Nut	
2	91514081	2	Bolt	
4	70025012	24	Bolt	
5	91514084	8	Sealing Washer	
6	91514149	2	Reduction Bushing (Includes Items 7, 8, 10 & 50)	
7	91514147	2	Seal	
8	91514146	2	Ball Bearing	
9	80204071	2	Circlip	
10	91514148	2	O-Ring	
11	70026803	2	Double Universal Joint and Shaft	
12	91514111	2	Thrust Bushing	
13	7028714	2	Bushing	
14	70025562	24	Bolt	
15	70028392	2	Cover	
16	80204117	2	Plug	
17	70024881	4	Grease Fitting	
18	70028890	2	Pivot Pin	
19	70028891	2	Pivot Pin	
20	7028716	4	Dust Excluder	
21	91514095	2	Bearing	
23	70026238	2	Seal	
25	7028706	4	Magnetic Plug	
26	91514188	2	Plug With Seal Washer	
28	7028721	2	Seal	
29	91474576	4	Bearing	
30	91514183	20	Wheel Stud	
31	7028722	2	Wheel Hub	
32	91514181	2	O-Ring	
33	70026811	2	Ring Gear	
34	70026812	2	Ring Gear Support	
35	70028925	3	Circlip	
36	70028941	6	Differential Pinion	
40	91514189	4	Countersunk Bolt	
41	70028881	1	Planet Gear Carrier	
42	70027315	16	Stud	
43	91474584	16	Nut	
44	91514175	2	Circlip	
45	91514117	4	Bolt	
46	80204065	4	Nut	
48	70028942	1	Axle Case	
49	70026622	2	Locking Plate	
50	80204005	2	Circlip	
56	7029311	2	Spacer	
57	70025561	1	Shim Kit	
59	70028881	2	Kit, Planet Gear (Includes Items 35, 36, 41, 70 & 71)	
62	91474507	2	O-Ring	
63	70025014	8	Stud	
64	91514083	8	Nut	
66	N.S.S.	1	Steering Case	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
67	N.S.S.	1	Steering Case	
70	7028731	6	Bearing	
71	7028732	6	Bearing	
73	7028733	4	Bolt, Steering Adjust (Includes Items 45 & 46)	
77	70026806	2	Kit, Ring Gear Support (Includes Items 33, 34 & 44)	
83	70028943	2	Joint Cross	
84	70028944	1	Joint Center Section	
85	70028945	1	Axle Case	

FIGURE 5-40. FRONT AXLE - STEERING (110HP)

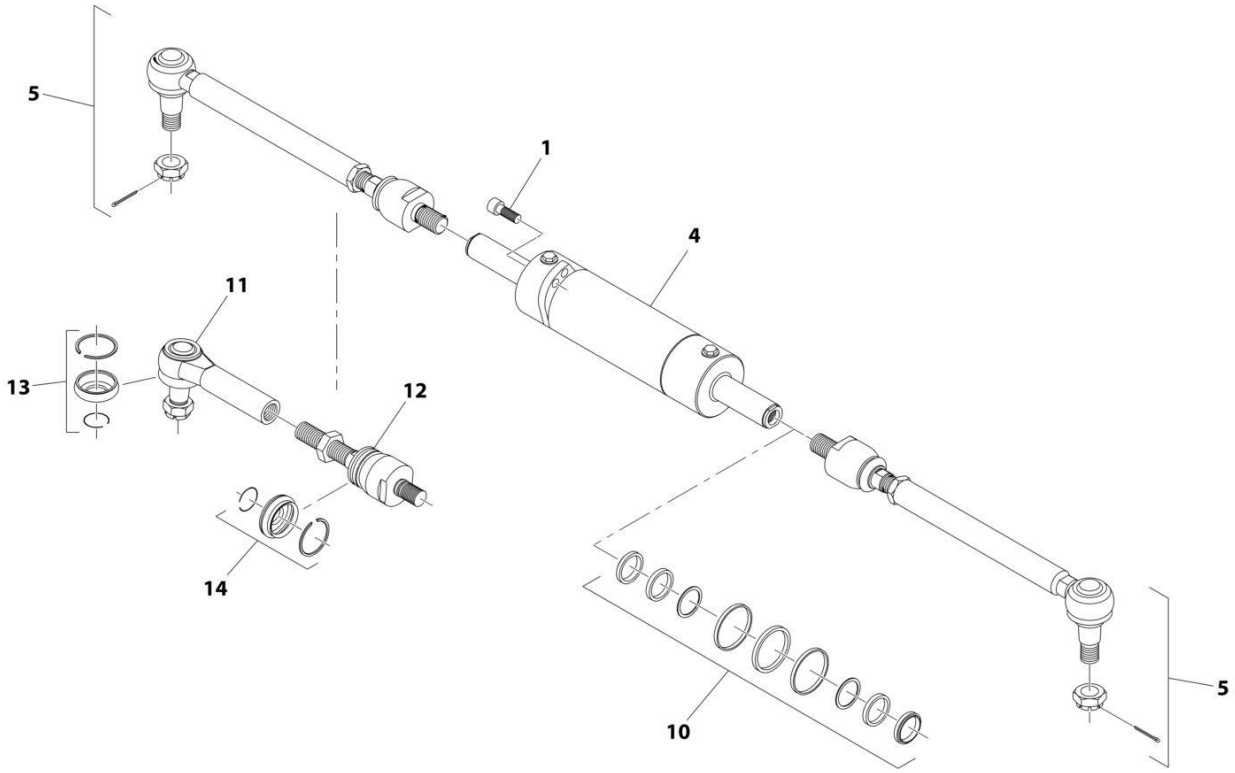
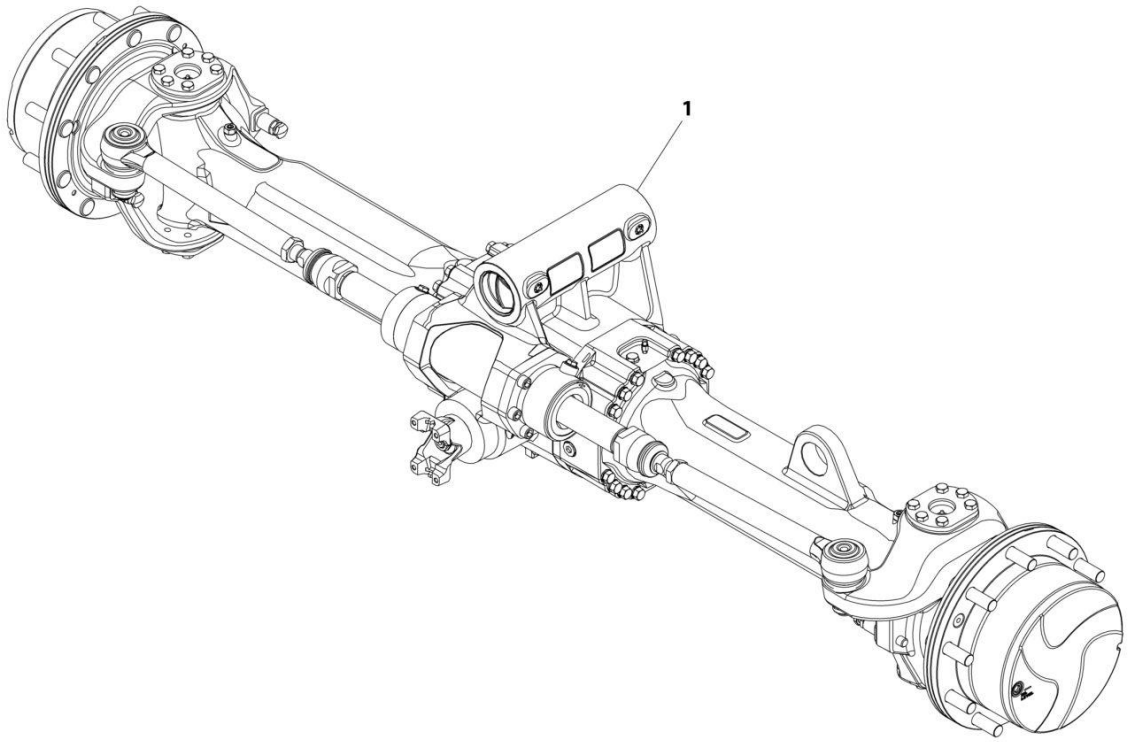


FIGURE 5-40. FRONT AXLE - STEERING (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220492	Ref	FRONT AXLE, STEERING	D
1	80204144	5	Bolt	
4	70028947	1	Cylinder, Steering	
5	70028948	2	Tie Rod	
10	7029127	1	Kit, Seal	
11	70028949	1	Joint	
12	70028950	1	Axial Joint Shaft	
13	70028951	1	Rubber Boot and Locking Ring Kit	
14	70028952	1	Rubber Boot and Locking Ring Kit	

FIGURE 5-41. REAR AXLE INSTALLATION (110HP)



ART_1001220493-D

FIGURE 5-41. REAR AXLE INSTALLATION (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220493	Ref	Rear Axle (110HP) (ULS)	D
		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)	

FIGURE 5-42. REAR AXLE - BRAKES (110HP)

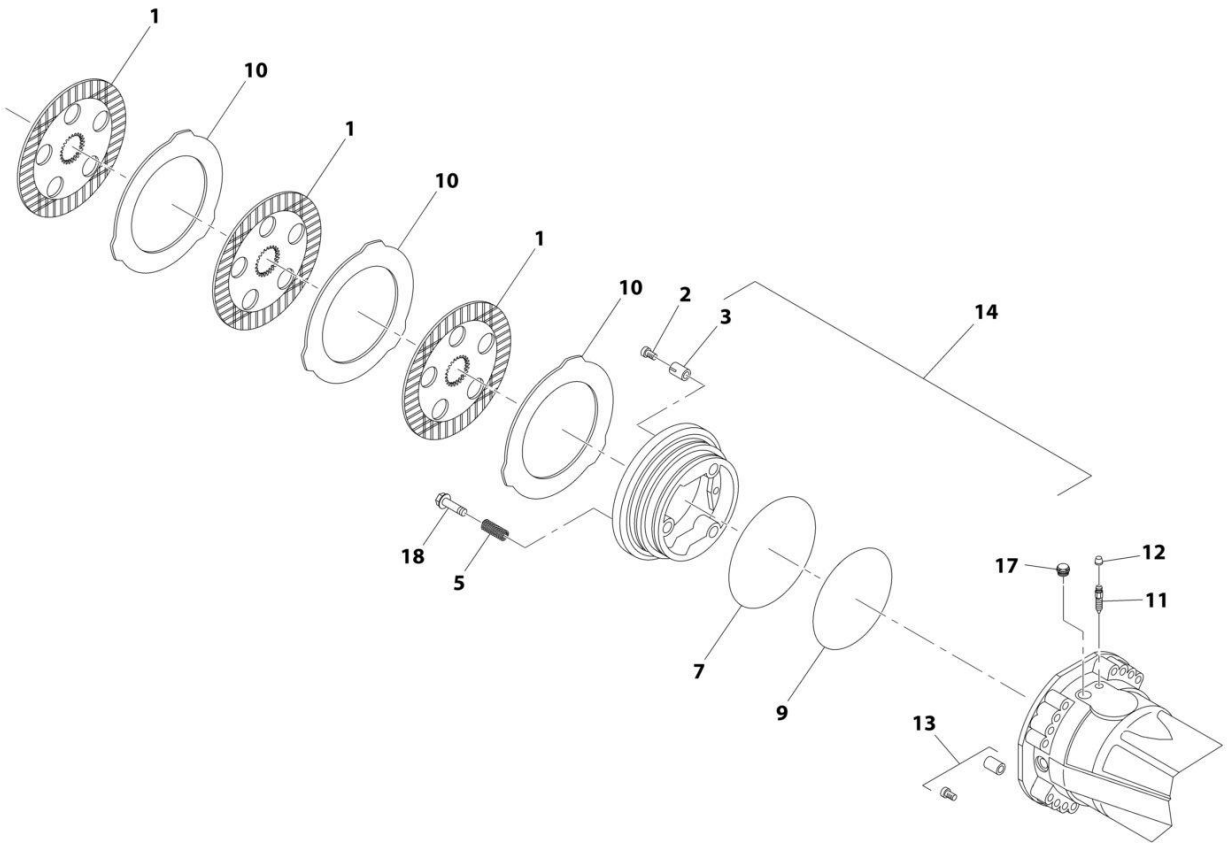


FIGURE 5-42. REAR AXLE - BRAKES (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220493	Ref	REAR AXLE, BRAKES	D
1	70028798	8	Disc	
2	7029785	6	Adjusting Bolt	
3	70027317	6	Spring	
5	91514159	6	Spring	
7	70025821	2	O-Ring, Anti-Twist	
9	70025822	2	O-Ring, Anti-Twist	
10	70025823	10	Intermediate Brake Disc	
11	80204281	2	Bleeding Bolt	
12	80204117	4	Plug	
13	70021613	2	Pilot Bolt	
14	70028452	1	Piston Kit (Includes Piston & Seals)	
17	91514154	2	Plug With Seal Washer	
18	70024210	6	Adjusting Bolt	

FIGURE 5-43. REAR AXLE - CENTRAL HOUSING (110HP)

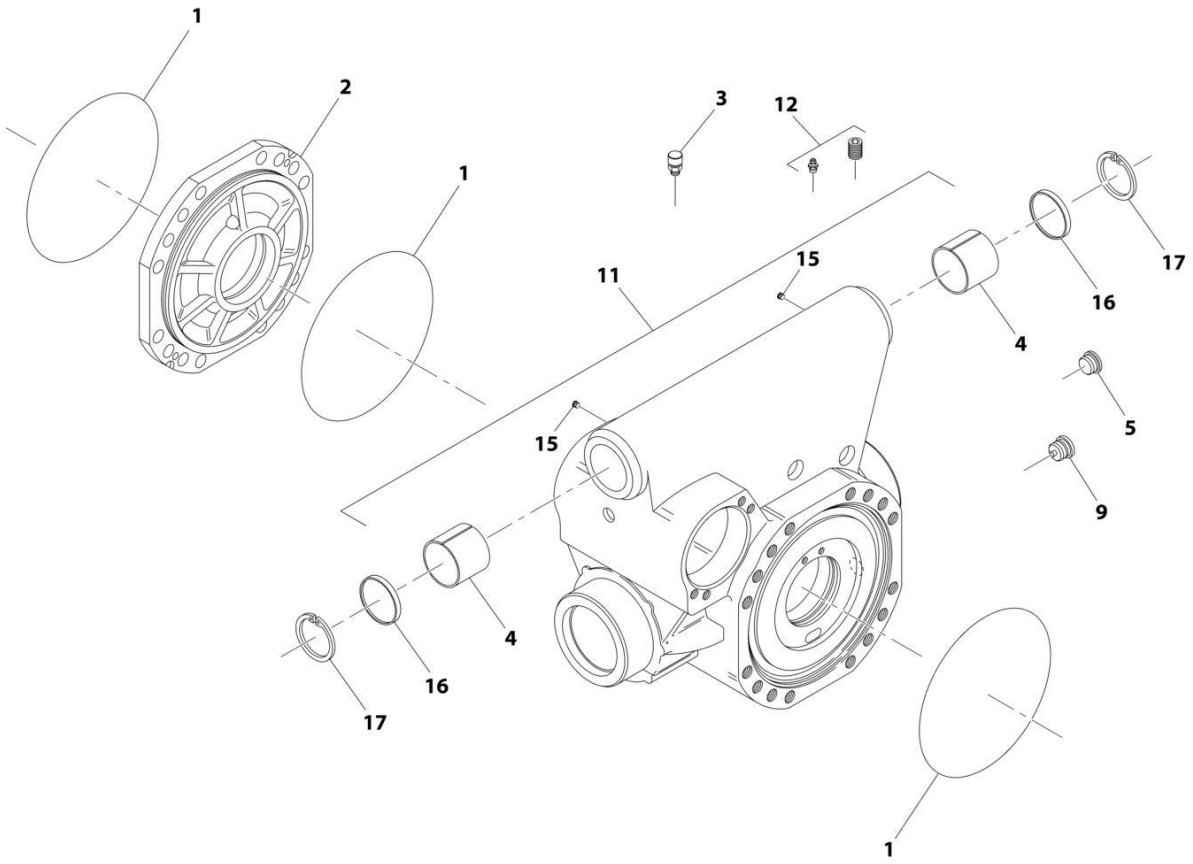
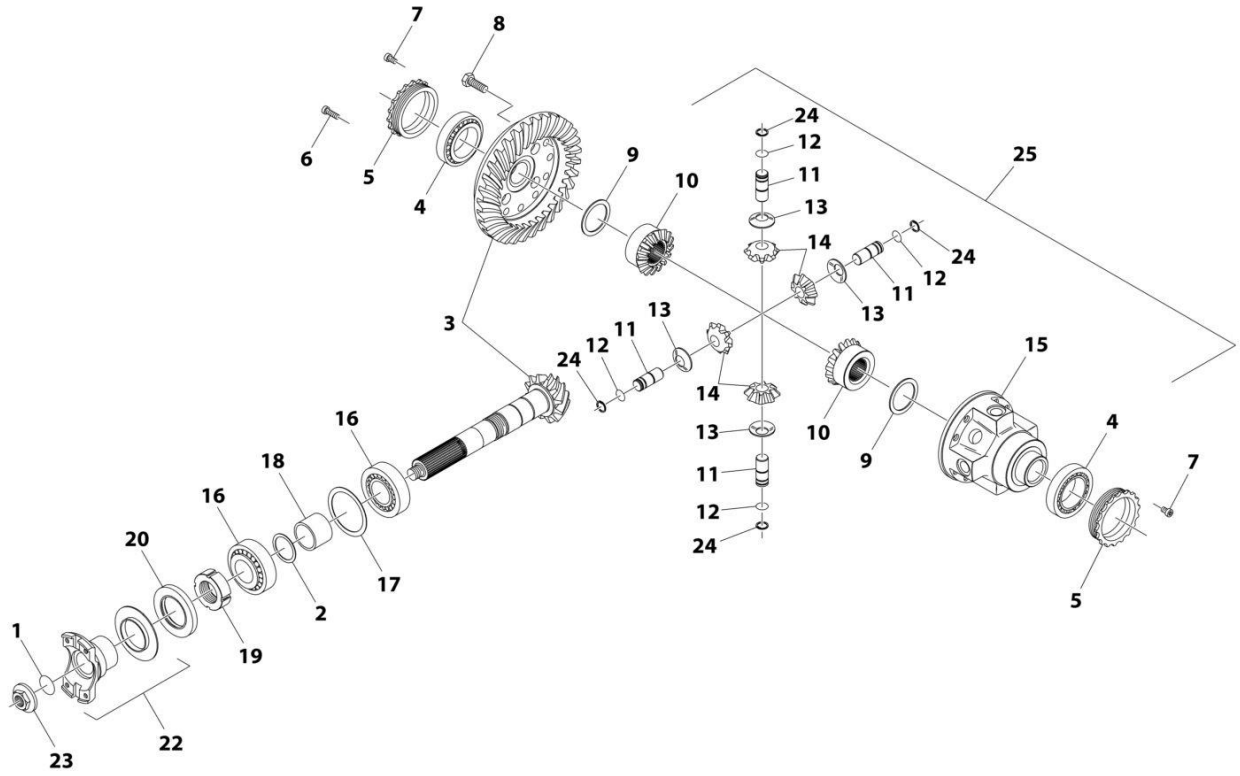


FIGURE 5-43. REAR AXLE - CENTRAL HOUSING (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220493	Ref	REAR AXLE, CENTRAL HOUSING	D
1	91474507	3	O-Ring	
2	70024519	1	Cover	
3	91474512	1	Plug	
4	70028886	2	Thrust Bushing	
5	91514188	1	Plug With Seal Washer	
9	7028706	1	Magnetic Plug	
11	N.S.S.	1	Housing	
12	70024881	2	Grease Fitting	
15	70028938	2	Plug	
16	70028974	2	Seal	
17	70028939	2	Ring	

FIGURE 5-44. REAR AXLE - DIFFERENTIAL (110HP)



ART_1001220493_2-D

FIGURE 5-44. REAR AXLE - DIFFERENTIAL (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220493	Ref	REAR AXLE, DIFFERENTIAL	D
1	91474529	1	O-Ring	
2	70025556	1	Shim Kit	
3	70028997	1	Bevel Gear Set	
4	70028471	2	Tapered Roller Bearing	
5	91474547	2	Ring Nut	
6	91474591	4	Bolt	
7	91514134	2	Bolt	
8	70025562	12	Bolt	
9	91474593	2	Friction Washer	
10	70025569	2	Differential Side Gear	
11	7029131	4	Pin and Circlip Kit	
12	91474551	4	Circlip	
13	91474553	4	Friction Washer	
14	70025570	4	Differential Pinion	
15	91474595	1	Differential Carrier	
16	3968141	2	Tapered Roller Bearing	
17	70025555	1	Shim Kit	
18	91474539	1	Spacer	
19	91474533	1	Ring Nut	
20	70024522	1	Seal	
22	70022797	1	Flange and Cover Kit	
23	70026631	1	Nut	
24	91474550	4	Circlip	
25	70021140	1	Kit, Differential (Includes Items 9-15 & 24)	

FIGURE 5-45. REAR AXLE - HUB REDUCTION (110HP)

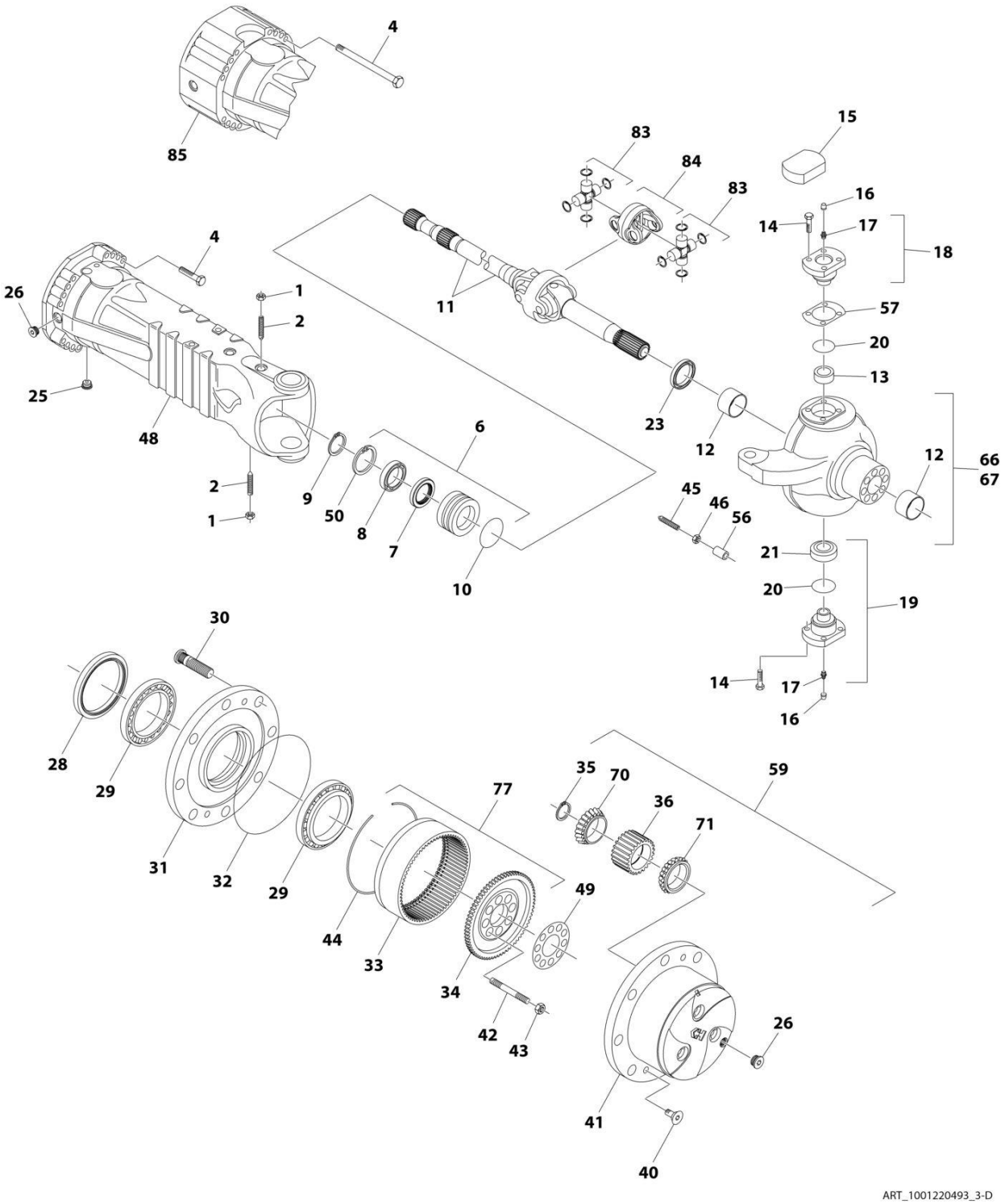


FIGURE 5-45. REAR AXLE - HUB REDUCTION (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220493	Ref	REAR AXLE, HUB REDUCTION	D
1	91514082	2	Nut	
2	91514081	2	Bolt	
4	70022799	32	Bolt	
6	91514149	2	Reduction Bushing (Includes Items 7, 8, 10 & 50)	
7	91514147	2	Seal	
8	91514146	2	Ball Bearing	
9	80204071	2	Circlip	
10	91514148	2	O-Ring	
11	70026803	2	Double Universal Joint and Shaft	
12	91514111	2	Thrust Bushing	
13	7028714	2	Bushing	
14	70025562	24	Bolt	
15	70028392	2	Cover	
16	80204117	2	Plug	
17	70024881	4	Grease Fitting	
18	70028890	2	Pivot Pin	
19	70028891	2	Pivot Pin	
20	7028716	4	Dust Excluder	
21	91514095	2	Bearing	
23	70026238	2	Seal	
25	7028706	4	Magnetic Plug	
26	91514188	2	Plug With Seal Washer	
28	7028721	2	Seal	
29	91474576	4	Bearing	
30	91514183	20	Wheel Stud	
31	7028722	2	Wheel Hub	
32	91514181	2	O-Ring	
33	70026811	2	Ring Gear	
34	70026812	2	Ring Gear Support	
35	70028925	3	Circlip	
36	70028941	6	Differential Pinion	
40	91514189	4	Countersunk Bolt	
41	70028881	1	Planet Gear Carrier	
42	70027315	16	Stud	
43	91474584	16	Nut	
44	91514175	2	Circlip	
45	70028975	4	Bolt, Steering Adjust	
46	80204065	4	Nut	
48	70028976	1	Axle Case	
49	70026622	2	Locking Plate	
50	80204005	2	Circlip	
56	7029311	4	Spacer	
57	70025561	1	Shim Kit	
59	70028881	2	Kit, Planet Gear (Includes Items 35, 36, 41, 70 & 71)	
66	N.S.S.	1	Steering Case	
67	N.S.S.	1	Steering Case	
70	7028731	6	Steering Case	
71	7028732	6	Steering Case	
77	70026806	2	Ring Gear Support Kit (Includes Items 33, 34 & 44)	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
83	70028943	2	Joint Cross	
84	70028944	1	Joint Center Section	
85	70028977	1	Axle Case	

FIGURE 5-46. REAR AXLE - STEERING (110HP)

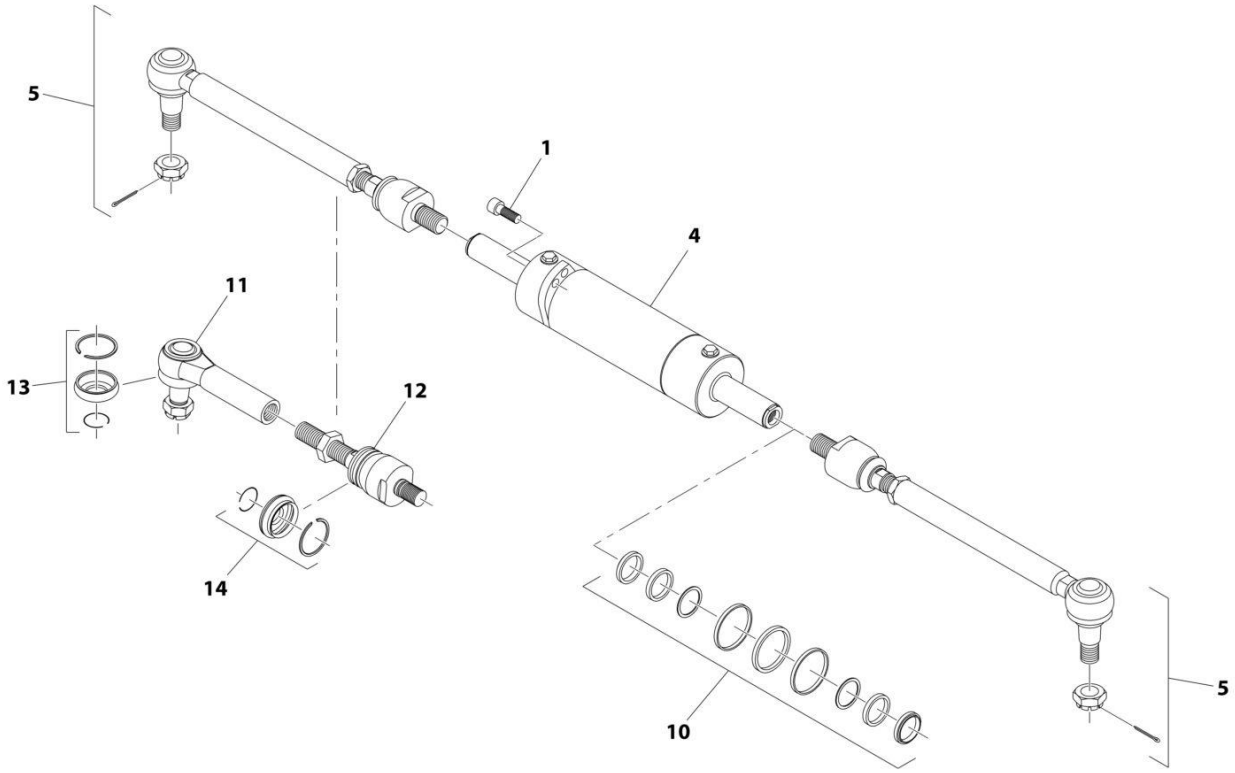


FIGURE 5-46. REAR AXLE - STEERING (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220493	Ref	REAR AXLE, STEERING	D
1	80204144	5	Bolt	
4	70028947	1	Cylinder, Steering	
5	70028948	2	Tie Rod	
10	7029127	1	Seal Kit	
11	70028949	1	Joint, 90 DEG	
12	70028950	1	Axial Joint Shaft	
13	70028951	1	Rubber Boot and Locking Ring Kit	
14	70028952	1	Rubber Boot and Locking Ring Kit	

FIGURE 5-47. FENDER INSTALLATION

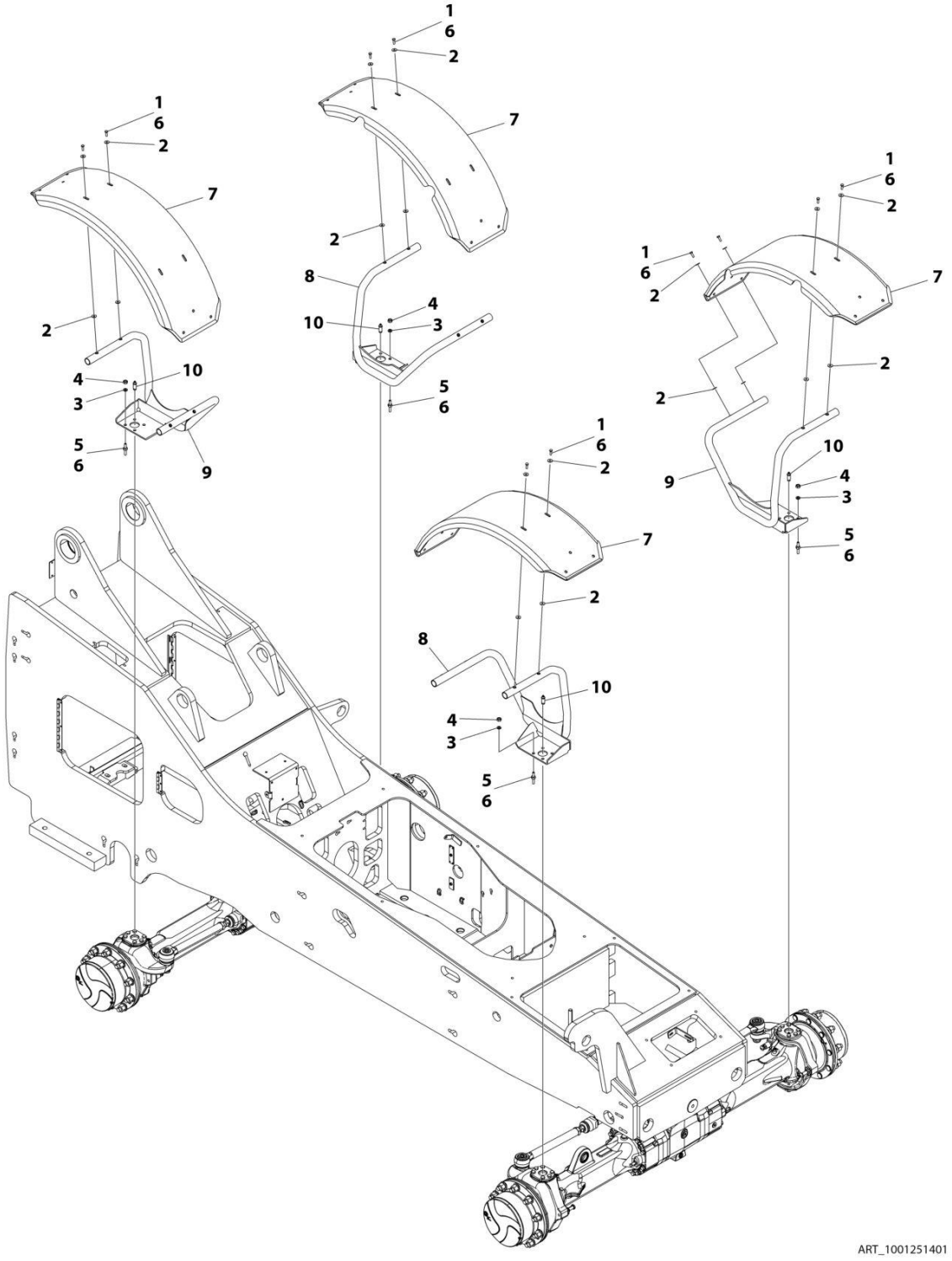
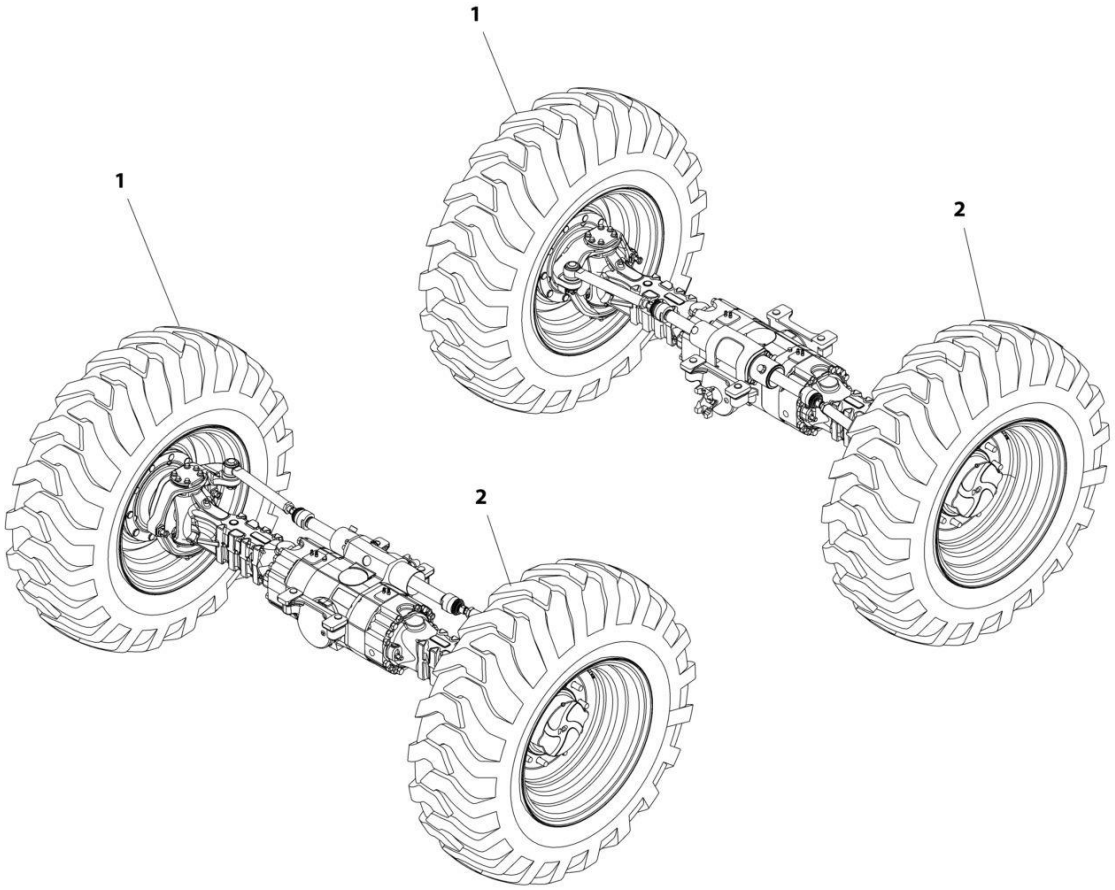


FIGURE 5-47. FENDER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251401	Ref	Fender Installation	C
1	0760812	16	Capscrew, M8X25	
2	4811902	32	Washer	
3	83191010	16	Washer, Lock M12	
4	91513266	16	Nut, M12	
5	91514118	16	Stud, Fender	
6	1001095650	AR	Adhesive	
7	1001154055	4	Fender	
8	1001251402	2	Bracket, Fender	
9	1001251403	2	Bracket, Fender	
10	1001225317	1	Fitting, Grease	

FIGURE 5-48. TIRE SET - 15.2-25 FOAM-FILLED



ART_1001247760

FIGURE 5-48. TIRE SET - 15.2-25 FOAM-FILLED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001247760	Ref	TIRE SET, 15.5-25 FOAM-FILLED	A
		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	1001247517	2	Tire & Wheel Assembly (RH)	
1	8780036	2	Tire 15.5-25 12 Bias Ply (1 per assembly)	
1	8786514	2	Valve, Air (1 per assembly)	
1	1001247465	2	Wheel (1 per assembly)	
2	1001247516	2	Tire & Wheel Assembly (LH)	
2	8780036	2	Tire 15.5-25 12 Bias Ply (1 per assembly)	
2	8786514	2	Valve, Air (1 per assembly)	
2	1001247465	2	Wheel (1 per assembly)	

FIGURE 5-49. TIRE SET - 15.2-25 PNEUMATIC

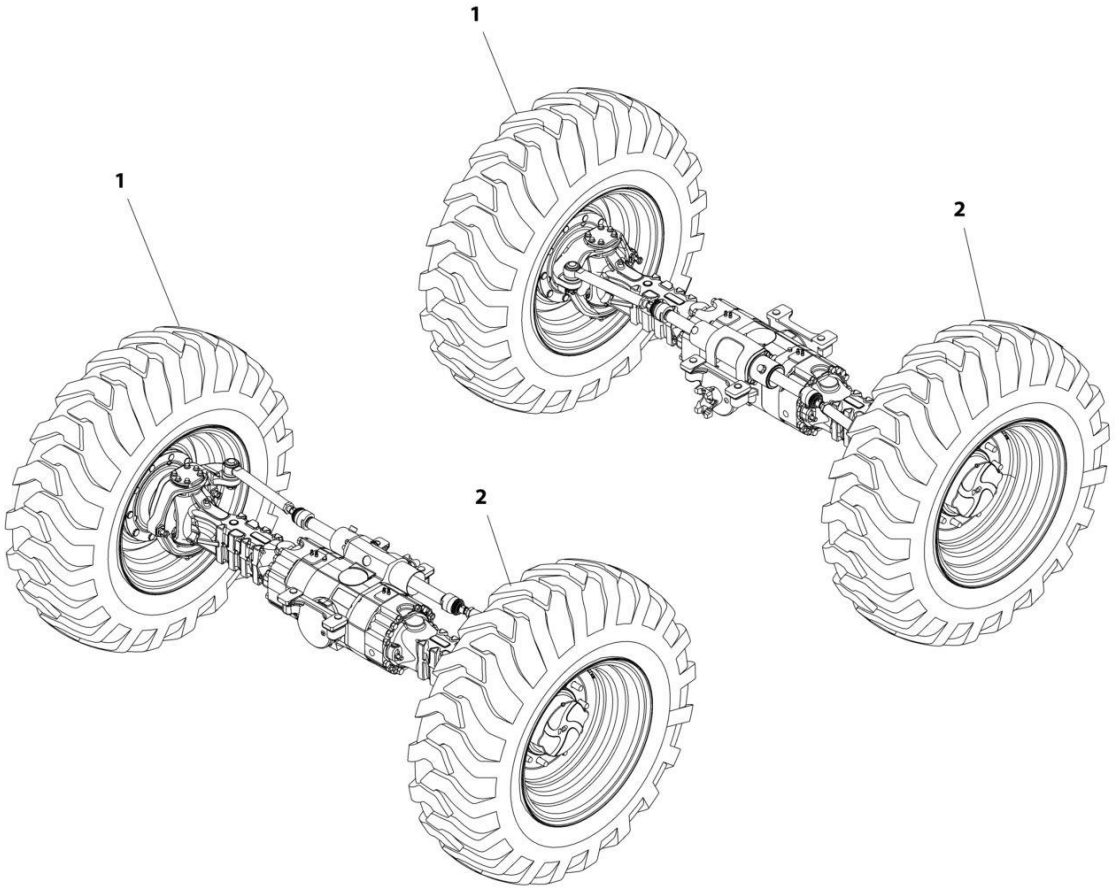


FIGURE 5-49. TIRE SET - 15.2-25 PNEUMATIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001247759	Ref	TIRE SET, 15.5-25 PNEUMATIC	A
1	1001247515	2	Tire & Wheel Assembly (RH)	
1	8780036	2	Tire 15.5-25 12 Bias Ply (1 per assembly)	
1	8786514	2	Valve, Air (1 per assembly)	
1	1001247465	2	Wheel (1 per assembly)	
2	1001247514	2	Tire & Wheel Assembly (LH)	
2	8780036	2	Tire 15.5-25 12 Bias Ply (1 per assembly)	
2	8786514	2	Valve, Air (1 per assembly)	
2	1001247465	2	Wheel (1 per assembly)	

FIGURE 5-50. TIRE SET - 18 X 625 (TURF AND SAND PNEUMATIC)

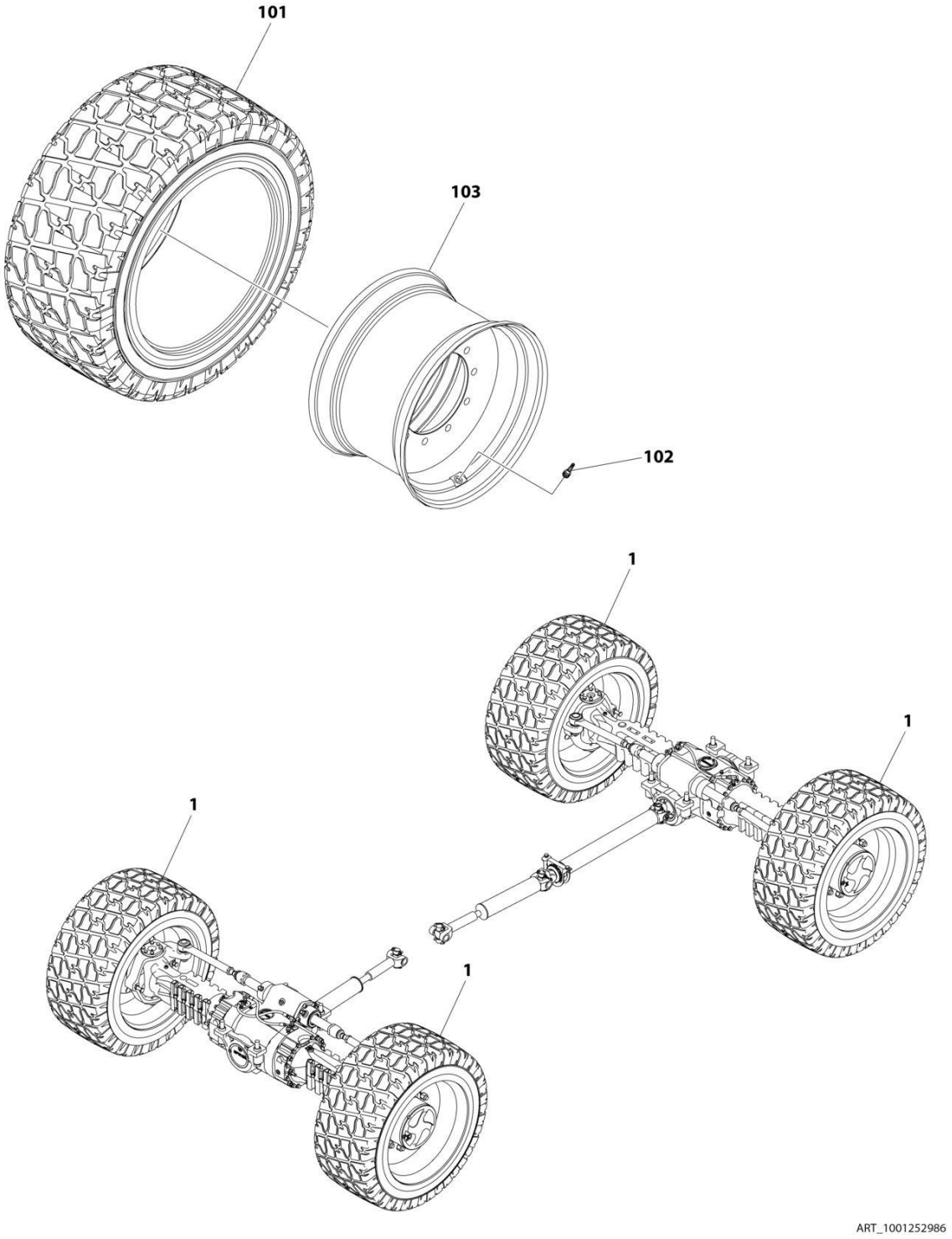


FIGURE 5-50. TIRE SET - 18 X 625 (TURF AND SAND PNEUMATIC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001252986	Ref	TIRE SET - 18 X 625 (TURF PNEUMATIC)	B
1	1001259635	4	Tire and Wheel Assembly	
101	4520356	4	Tire - 18 x 625 Turf/Sand (1 per assembly)	
102	4641122	4	Valve, Air (1 per assembly)	
103	1001246001	4	Wheel (1 per assembly)	

FIGURE 5-51. TIRE SET - 315/95-28 SOLID

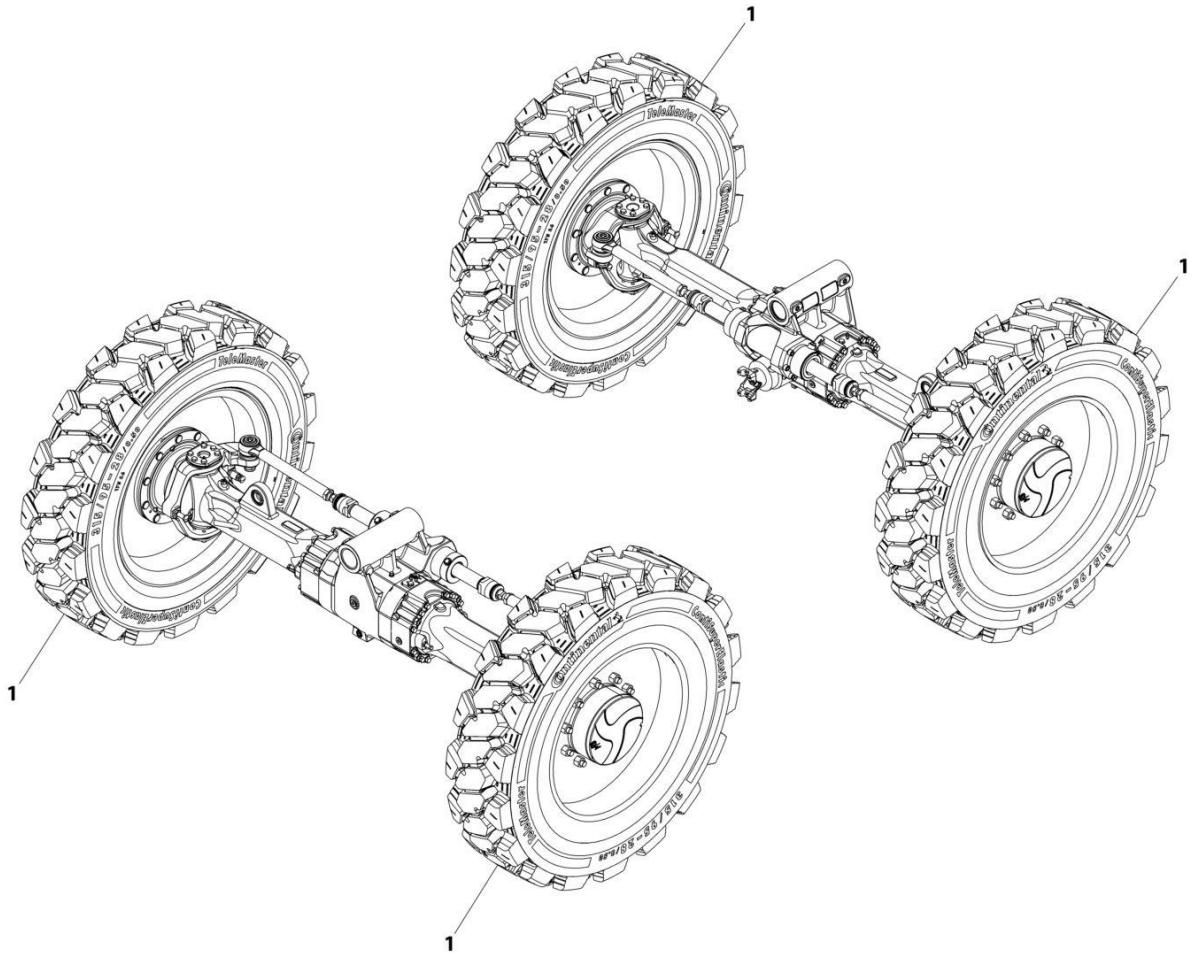


FIGURE 5-51. TIRE SET - 315/95-28 SOLID

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222216	Ref	Tire Set, 315/95-28/8.5 Solid	B
1	1001213199J	4	Tire, 315/95-28/8.5 Solid	

FIGURE 5-52. TIRE SET - 370/75-28 FOAM-FILLED

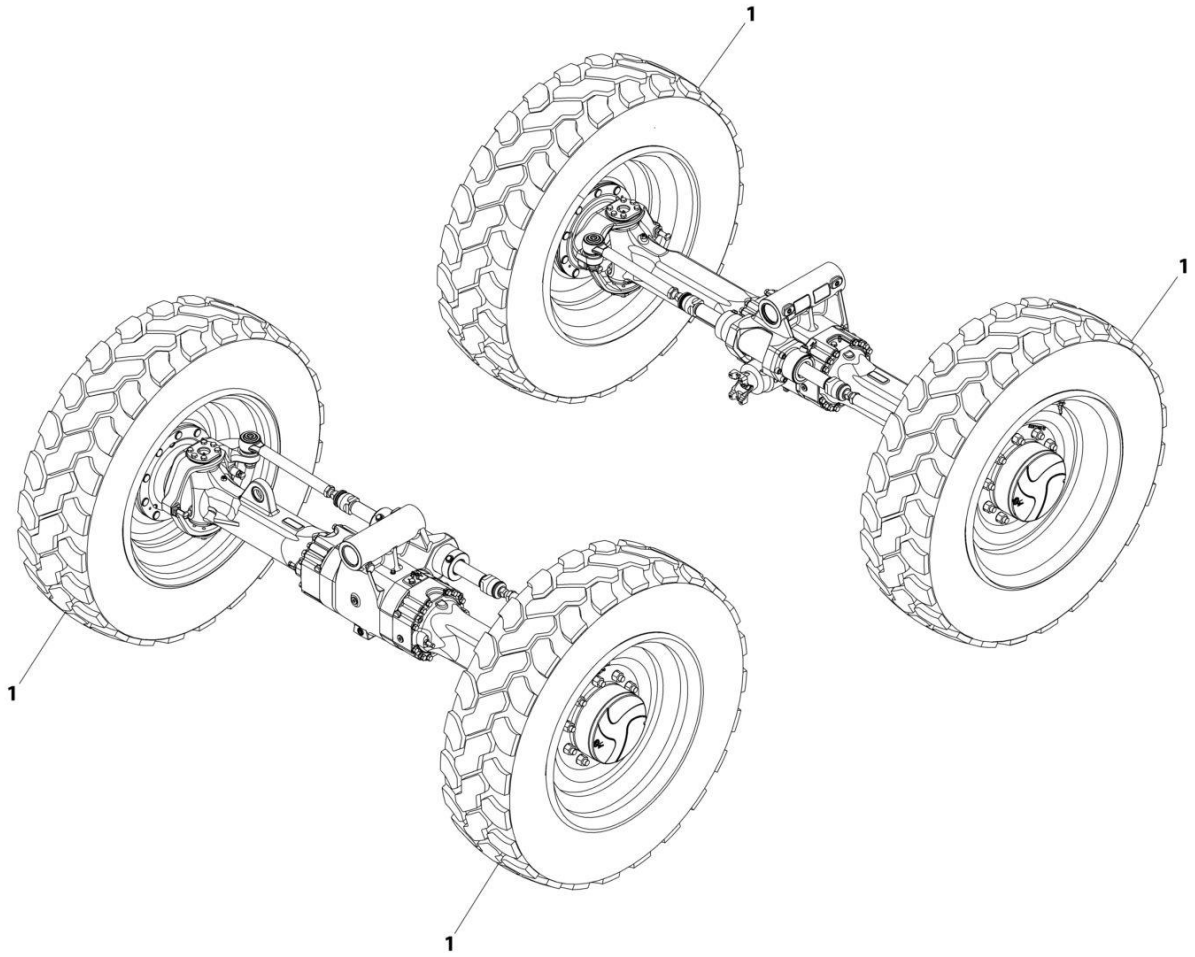


FIGURE 5-52. TIRE SET - 370/75-28 FOAM-FILLED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222215	Ref	Tire Set - 370/75-28 Foam	A
		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 and Wheel Assembly (See Separate Breakdown in this Section)	
1	8786514	1	Valve, Air (1 per assembly)	
1	1001099976	1	Wheel (1 per assembly)	
1	1001100284	1	Tire 370/75-28 (1 per assembly)	

FIGURE 5-53. TIRE SET - 370/75-28 FOAM-FILLED NON-MARKING

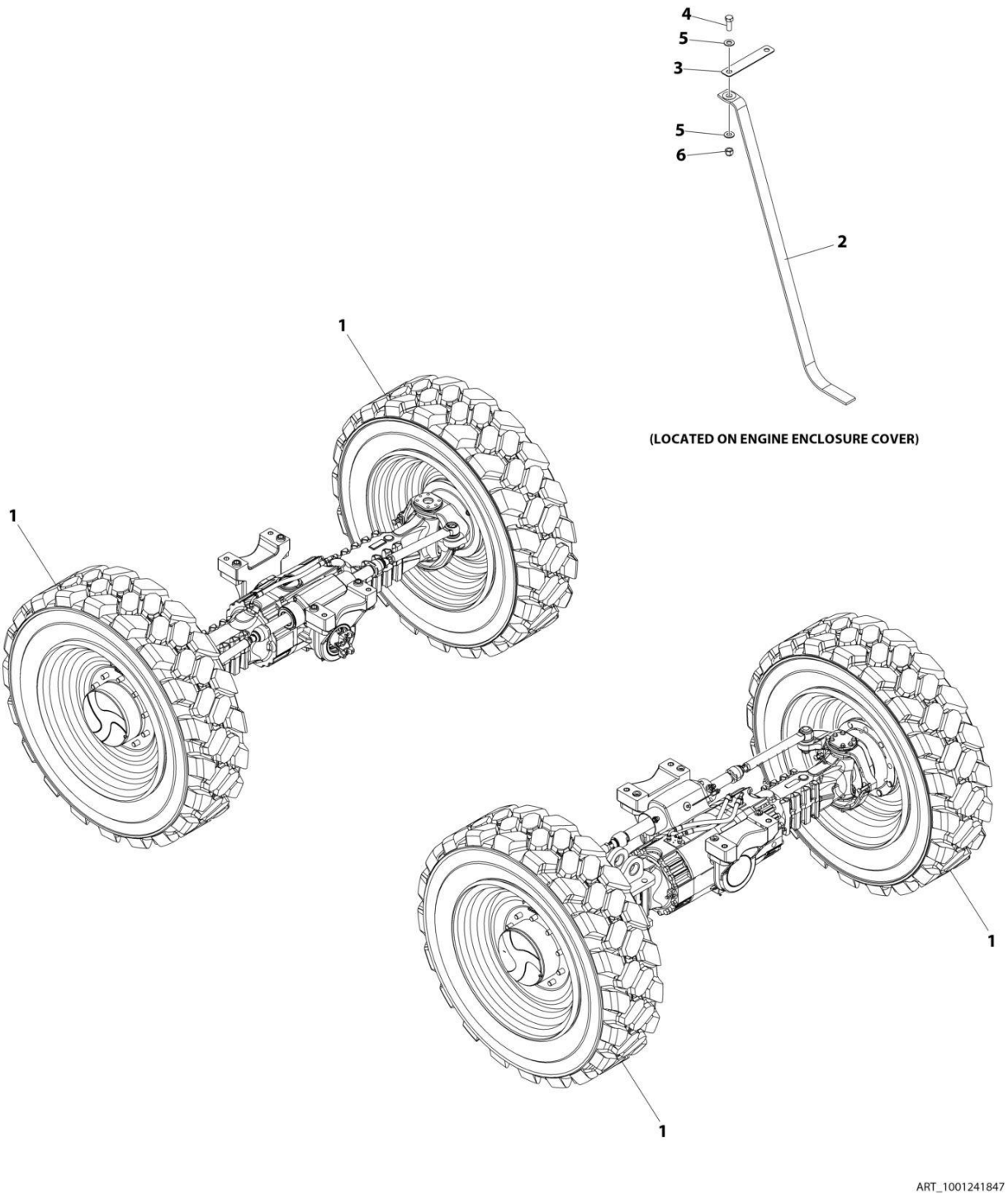


FIGURE 5-53. TIRE SET - 370/75-28 FOAM-FILLED NON-MARKING

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 5-54. TIRE SET - 370/75-28 PNEUMATIC

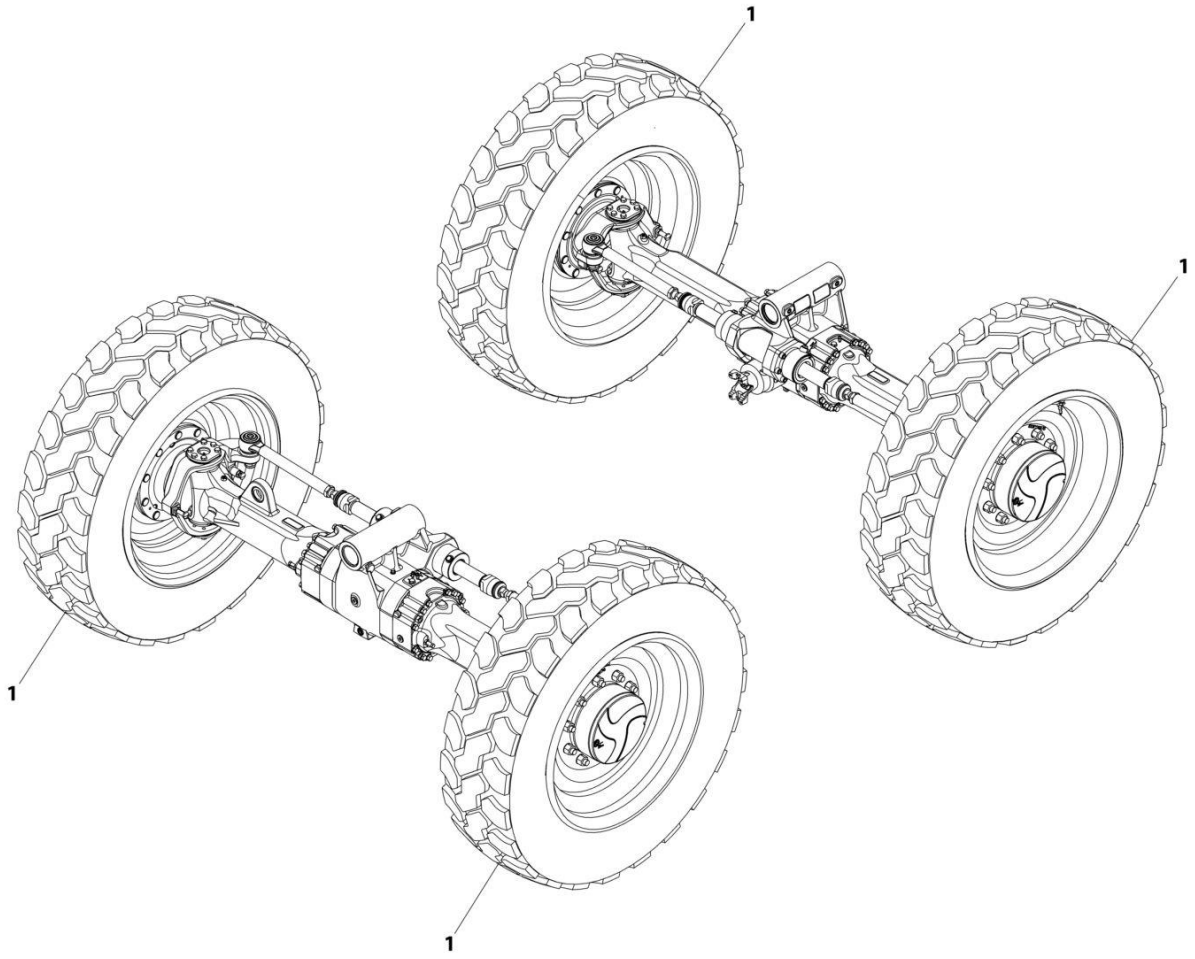


FIGURE 5-54. TIRE SET - 370/75-28 PNEUMATIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222214	Ref	Tire Set - 370/75-28 Pneumatic	A
1	1001100323	4	Assembly, Tire and Wheel	
1	8786514	4	Valve, Air (1 per assembly)	
1	1001099976	4	Wheel (1 per assembly)	
1	1001100284	4	Tire 370/75-28 (1 per assembly)	

FIGURE 5-55. TIRE SET - 370/75-28 PNEUMATIC NON-MARKING

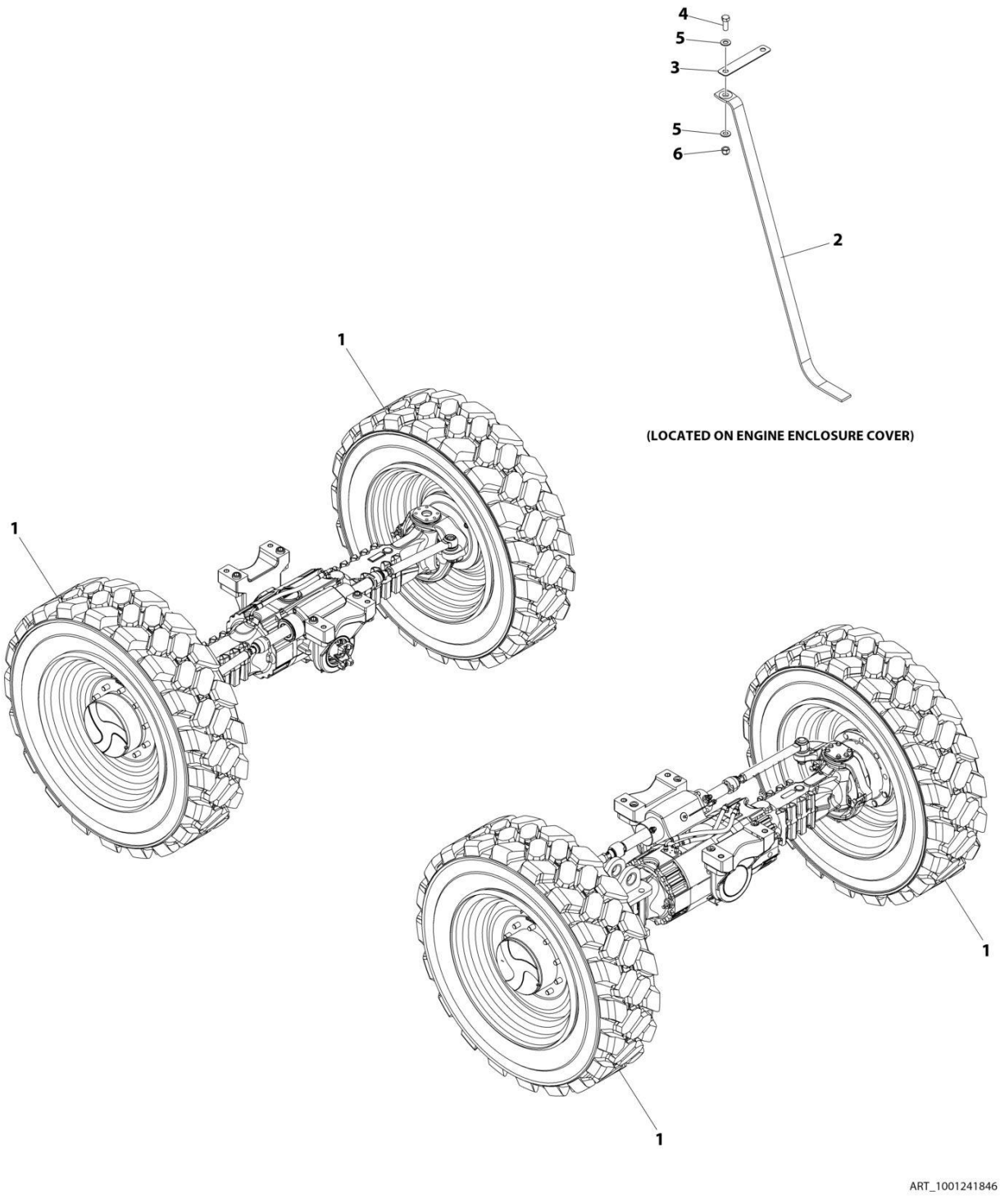


FIGURE 5-55. TIRE SET - 370/75-28 PNEUMATIC NON-MARKING

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 5-56. TIRE SET, 13-28 SOLIDBOSS (NON-DIRECTIONAL)

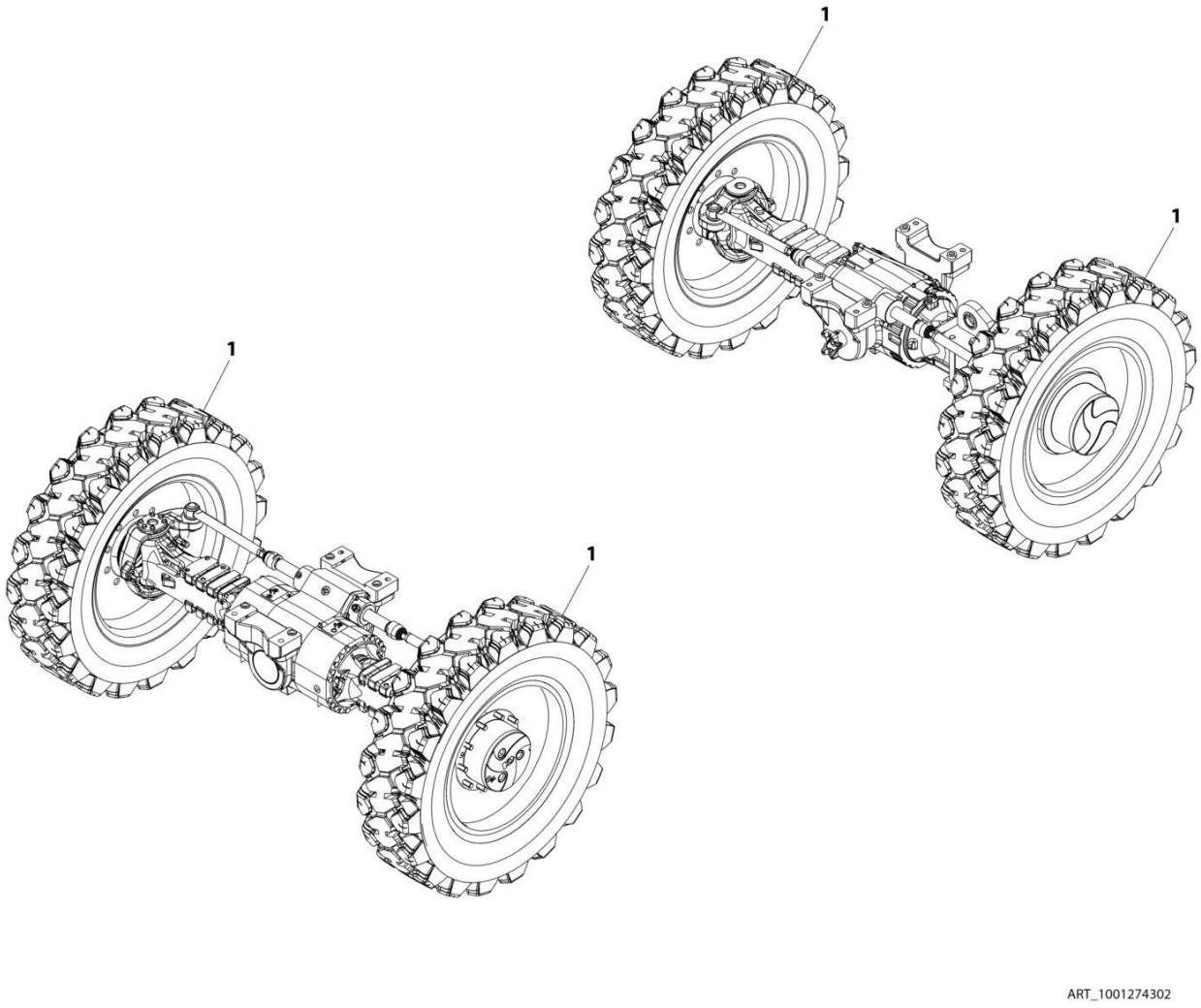


FIGURE 5-56. TIRE SET, 13-28 SOLIDBOSS (NON-DIRECTIONAL)

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 5-57. TIRE SET, 13-28 SOLIDBOSS (DIRECTIONAL)

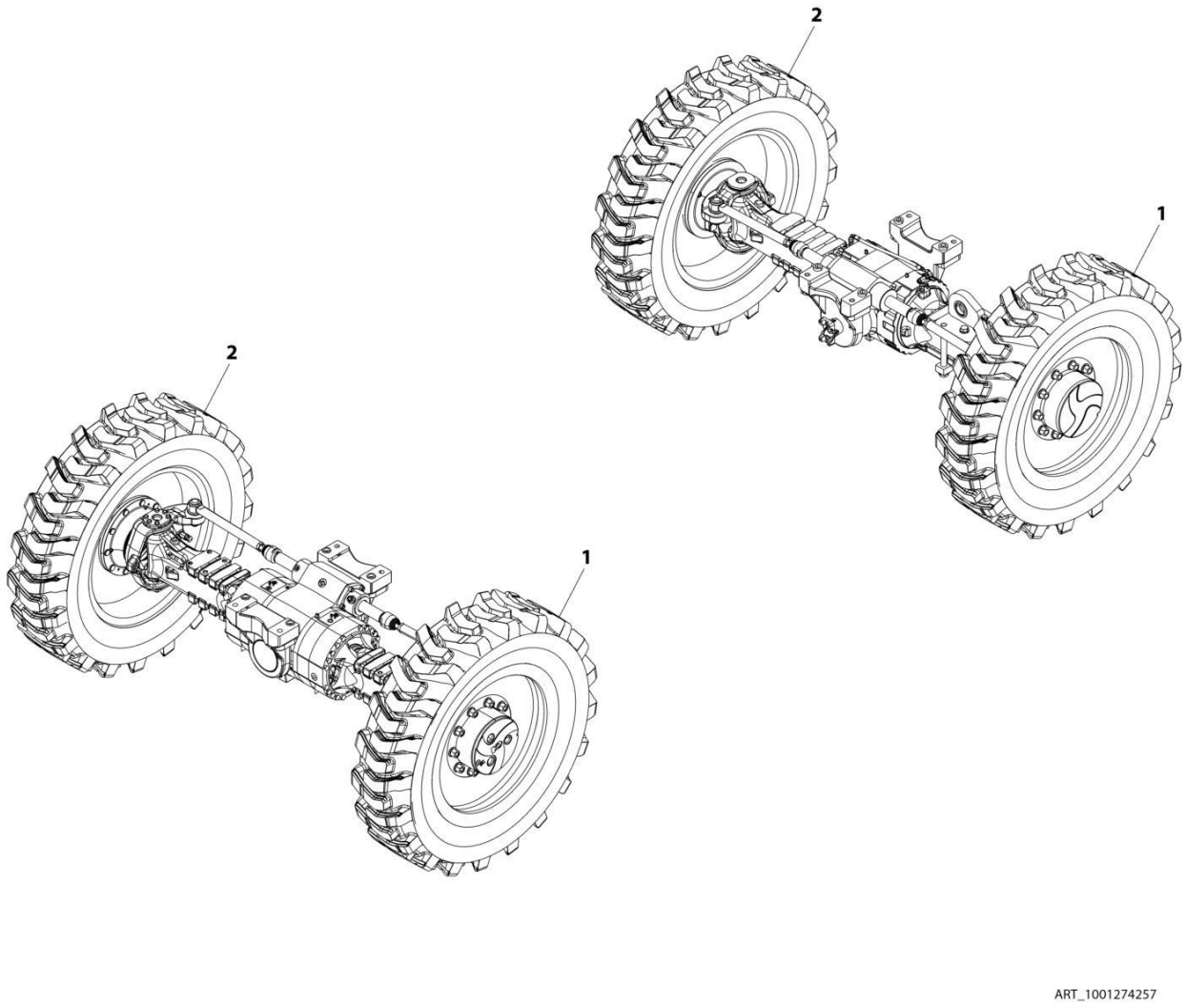


FIGURE 5-57. TIRE SET, 13-28 SOLIDBOSS (DIRECTIONAL)

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 5-58. TIRE SET, 13-24 SOLID

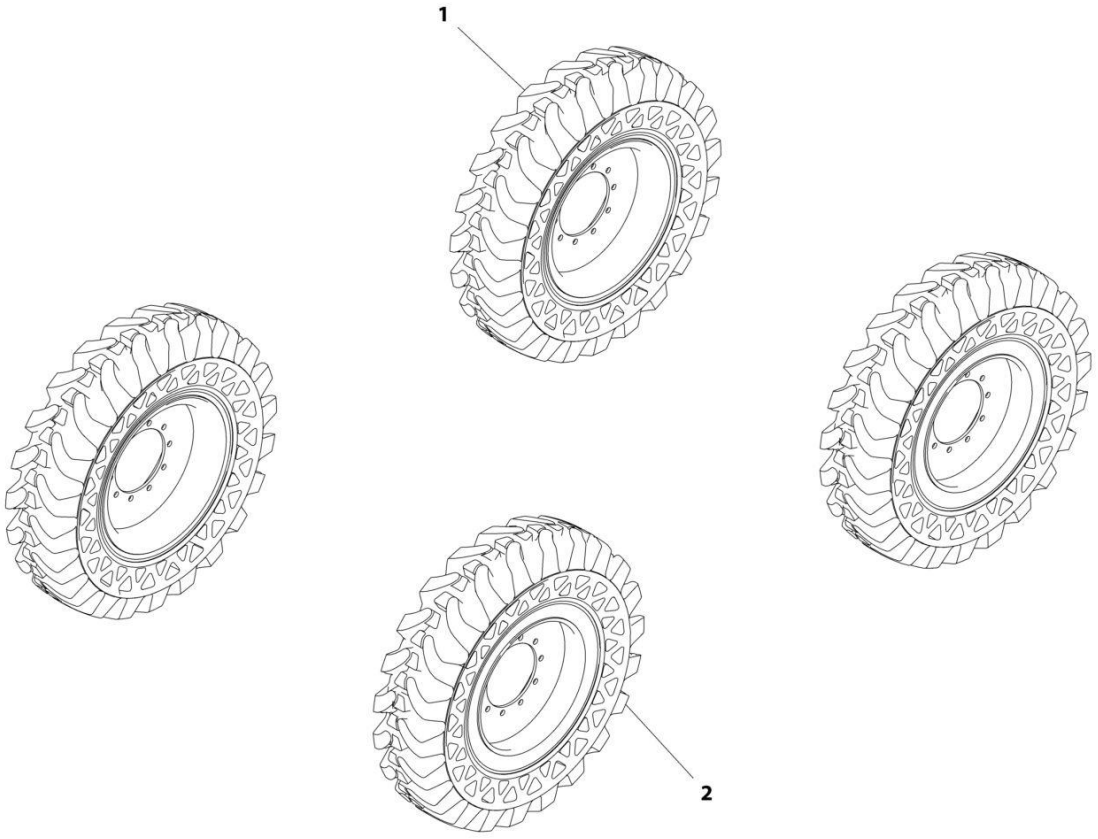


FIGURE 5-58. TIRE SET, 13-24 SOLID

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 5-59. TIRE SET, 13-24 SOLIDBOSS (DIRECTIONAL)

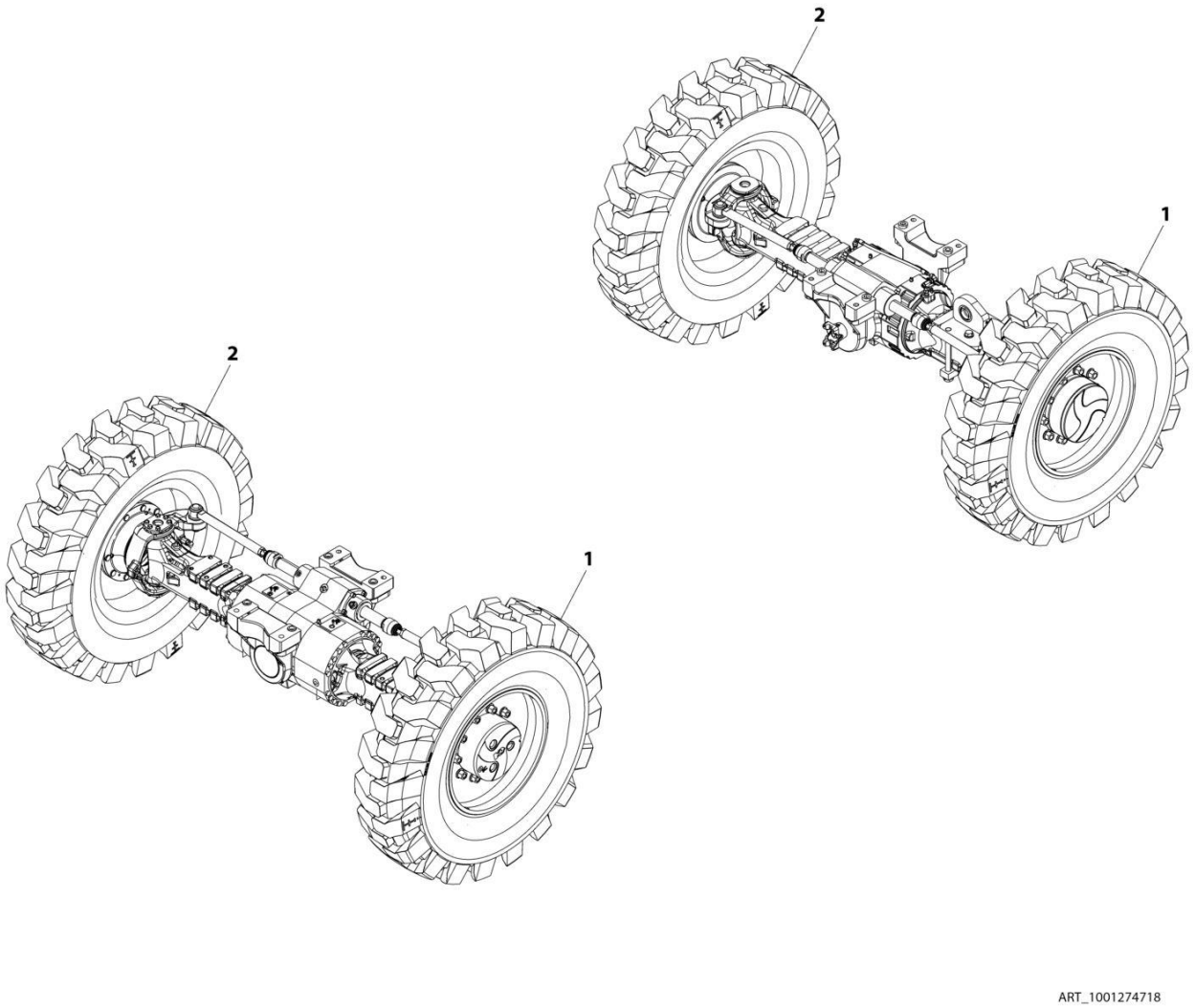


FIGURE 5-59. TIRE SET, 13-24 SOLIDBOSS (DIRECTIONAL)

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 5-60. TIRE AND WHEEL ASSEMBLY

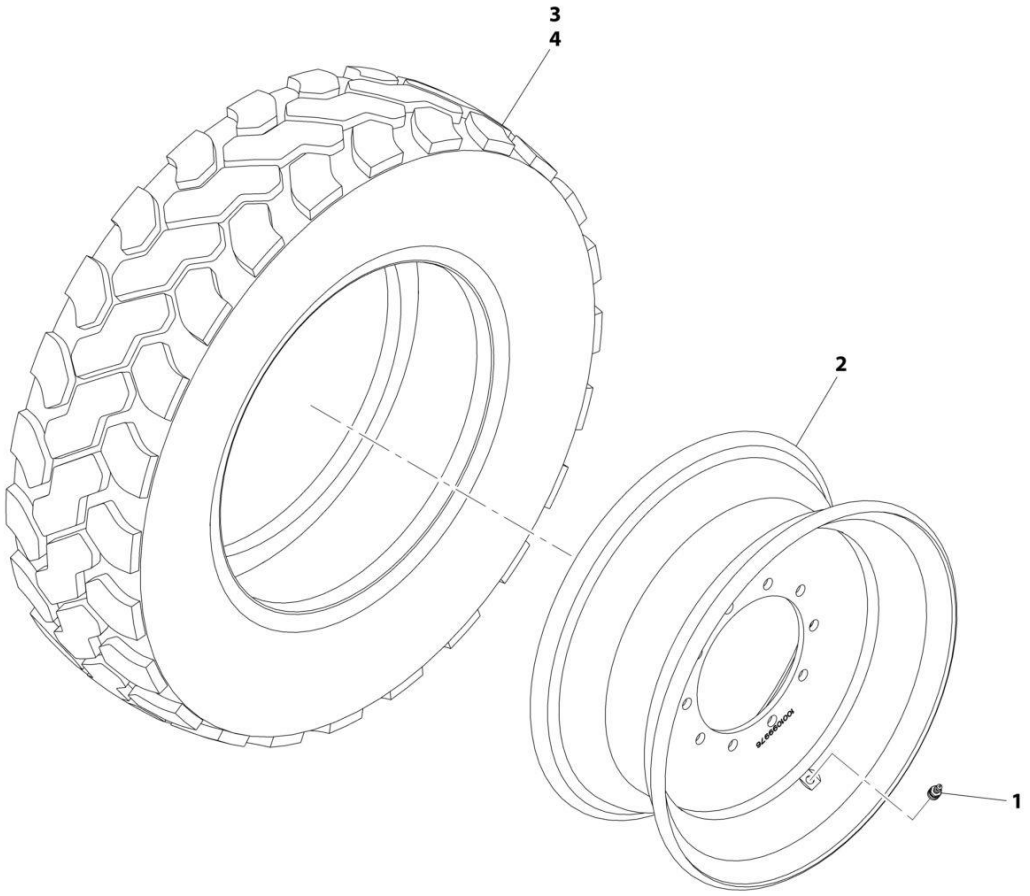
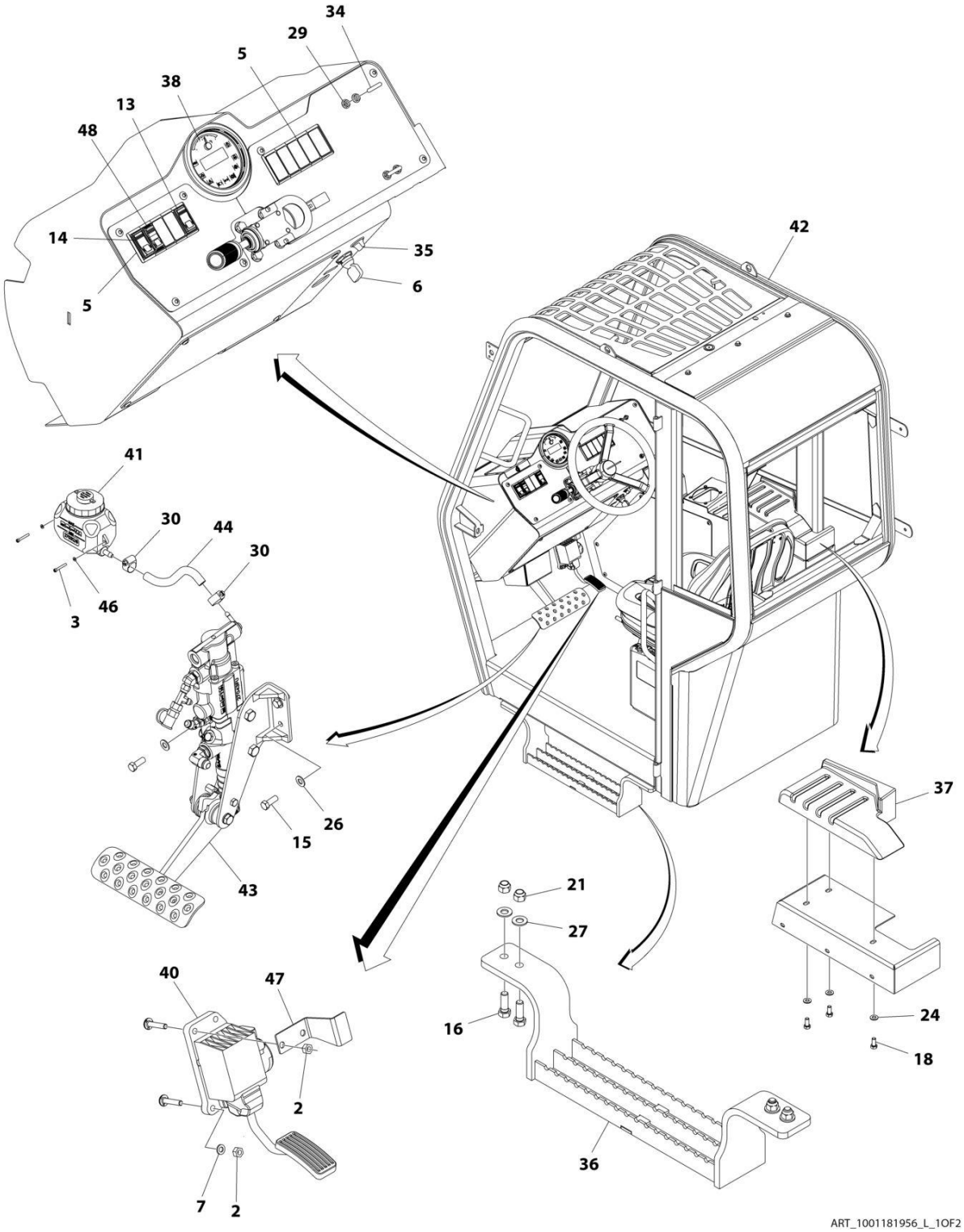


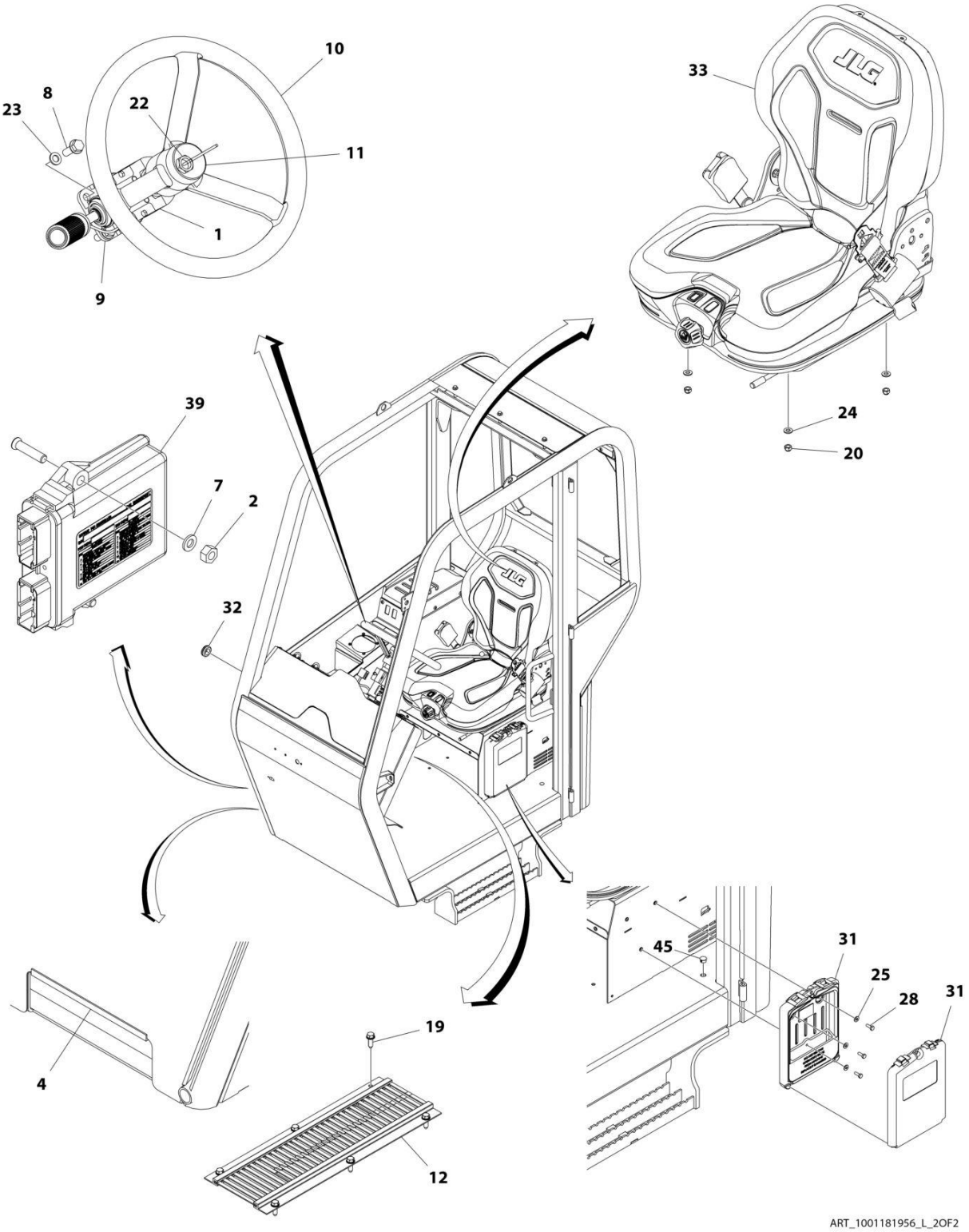
FIGURE 5-60. TIRE AND WHEEL ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001121101	Ref	Tire and Wheel Assembly, 370/75-28 Foam	C
1	8786514	1	Valve, Stem	
2	1001099976	1	Wheel, 28X11.00	
3	1001100284	1	Tire, 370/75-28	
4	8526203	464LB	Fill, Foam	

SECTION 6 - CAB

FIGURE 6-1. CAB INSTALLATION - OPEN CAB (ORANGE SEAT BELT)




10
8
23
22
11
1
9
33
24
20
39
7
2
32
4
19
12
45
31
25
28
31
ART_1001181956_L_2OF2

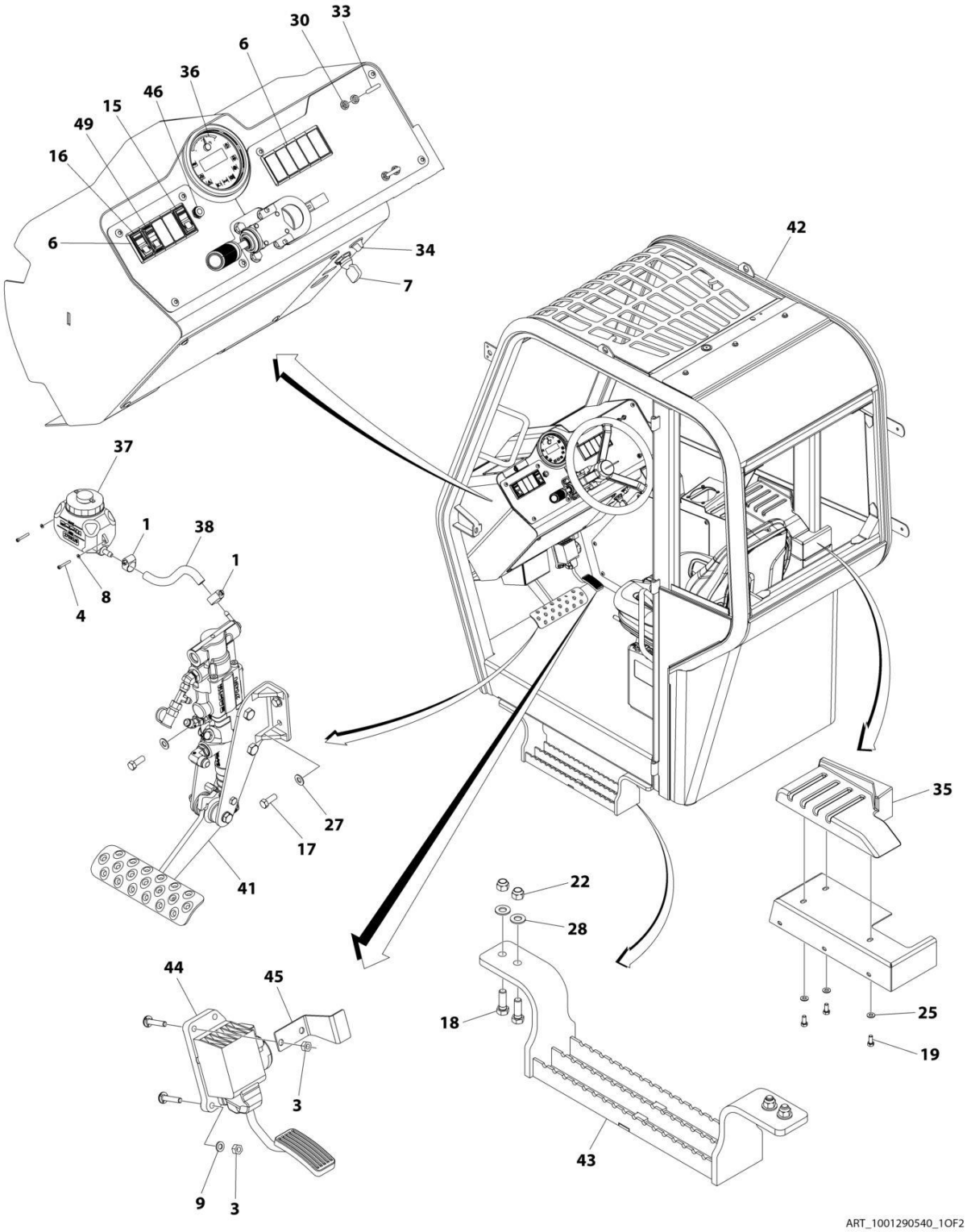
SECTION 6 - CAB

FIGURE 6-1. CAB INSTALLATION - OPEN CAB (ORANGE SEAT BELT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181956	Ref	OPEN CAB INSTALLATION	L
1	1600429	1	Selector, Transmission Control	
2	3311401	5	Nut 1/4	
3	3930610	2	Bolt #6 x 5/8	
4	4060806	11 in	Flex-Trim	
5	4360569	2	Switch, Bezel	
6	4360690	1	Switch, Ignition	
6	8035807	1	Key (with cover)	
7	4761400	3	Washer 1/4	
8	5251014	4	Bolt M10 x 30	
9	7138833	1	Column, Steering	
10	7138836	1	Wheel, Steering	
11	7138878	1	Button, Horn	
12	7138944	2	Strips, Brush	
13	8223037	1	Switch, Steer Select	
14	8223054	1	Switch, Park Brake	
15	8303620	4	Bolt 3/8 x 1	
16	8303626	4	Bolt 1/2 x 1-1/2	
18	8303697	3	Bolt 5/16 x 3/4	
19	8303982	6	Screw 1/4 x 3/4	
20	8305626	4	Nut 5/16	
21	8305644	4	Nut 1/2	
22	8305916	1	Nut, Steering Column	
23	8307023	4	Washer M10	
24	8307106	7	Washer 5/16	
25	8307109	3	Washer 1/4	
26	8307110	4	Washer 3/8	
27	8307112	4	Washer 1/2	
28	8310026	3	Bolt 1/4 x 3/4	
29	8310382	8	Nut 1/4	
30	1320022	2	Clamp, Fuel Line	
31	8990147	1	Holder, Manual	
32	1001081049	1	Grommet, Split	
33	1001275934	1	Seat, Cab (See Separate Breakdown in this Section)	
34	1001102844	2	U-Bolt 1/4 x 1-1/4	
35	1001114867	1	Socket, 12V Power Point	
36	1001256519	1	Mount, Cab Step	
37	1001159878	1	Support, Armrest	
38	1001170738	1	Gauge	
39	1001292279	1	Controller	
40	1001264554	1	Accelerator (Note: No Serviceable Parts - Purchase Complete Assembly)	
41	1001183164	1	Reservoir, Brake Valve	
42	1001246736	1	Cab, Open (See Separate Breakdown in this Section)	
43	1001223052	1	Assembly, Brake (See Separate Breakdown in CONTROLS Section)	
44	1001201658	1	Hose	
45	1001207963	1	Plug, 5/8	
46	4710600	2	Washer	
47	1001265914	1	Cover, Pedal	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
48	1001289539	1	Switch, Beacon	
49	1001284403	1	Harness, Beacon Option (Not Shown) (See Separate Breakdown in ELECTRICAL Section)	
50	1001182091	1	Duct, Wire (Not Shown)	

FIGURE 6-2. OPEN CAB SEAT BELT ENG INSTALLATION



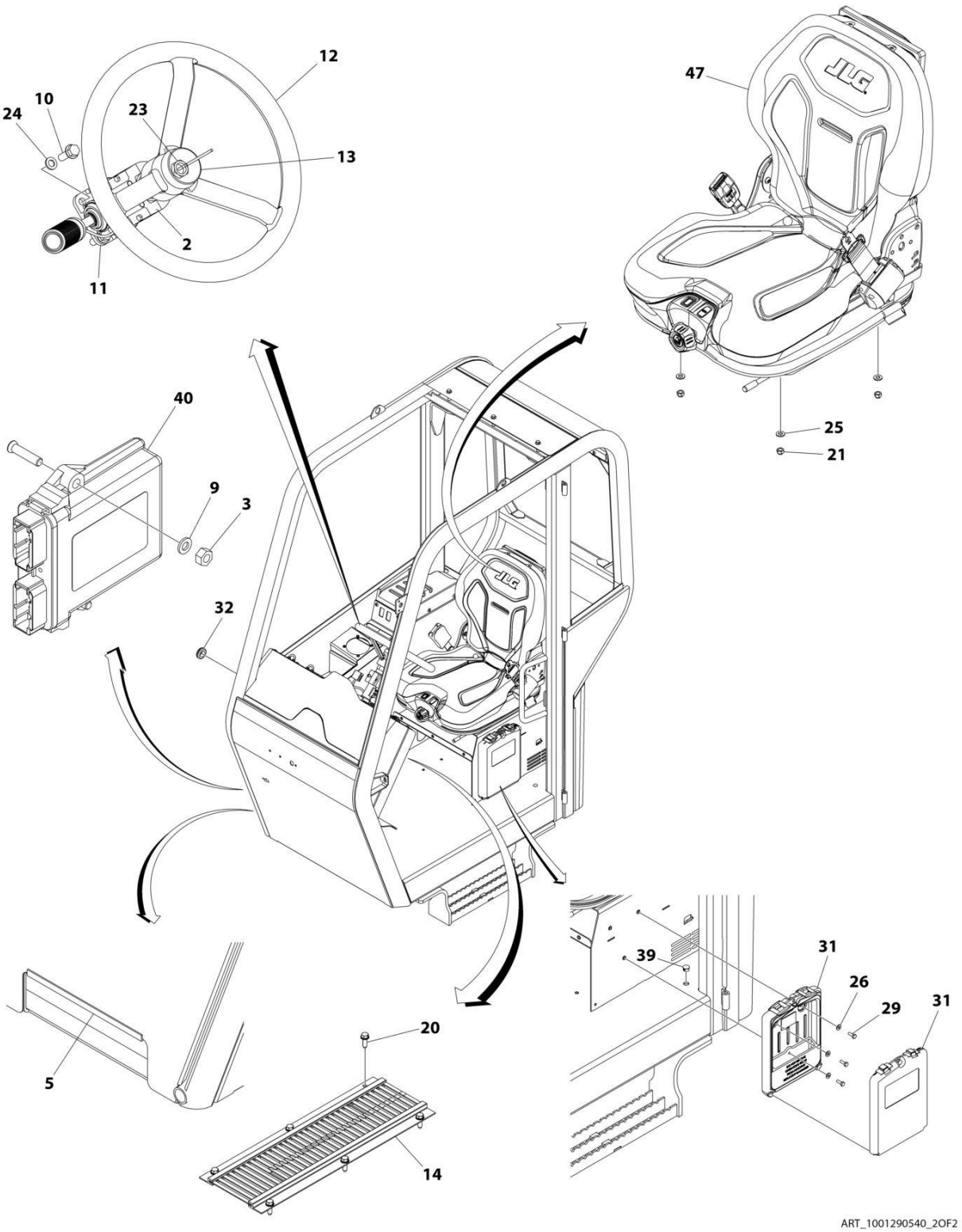

12
10
24
23
13
2
11
47
40
9
3
32
25
21
5
20
14
39
31
26
29
31
ART_1001290540_2OF2

FIGURE 6-2. OPEN CAB SEAT BELT ENG INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001290540	Ref	OPEN CAB SEAT BELT ENG INSTALLATION	B
1	1320022	2	Clamp, Fuel Line	
2	1600429	1	Selector, Transmission Control	
3	3311401	5	Nut 1/4	
4	3930610	2	Bolt #6 x 5/8	
5	4060806	11 in	Flex-Trim	
6	4360569	2	Switch, Bezel	
7	4360690	1	Switch, Ignition	
7	8035807	1	Key (with cover)	
8	4710600	2	Washer	
9	4761400	3	Washer 1/4	
10	5251014	4	Bolt M10 x 30	
11	7138833	1	Column, Steering	
12	7138836	1	Wheel, Steering	
13	7138878	1	Button, Horn	
14	7138944	2	Strips, Brush	
15	8223037	1	Switch, Steer Select	
16	8223054	1	Switch, Park Brake	
17	8303620	4	Bolt 3/8 x 1	
18	8303626	4	Bolt 1/2 x 1-1/2	
19	8303697	3	Bolt 5/16 x 3/4	
20	8303982	6	Screw 1/4 x 3/4	
21	8305626	4	Nut 5/16	
22	8305644	4	Nut 1/2	
23	8305916	1	Nut, Steering Column	
24	8307023	4	Washer M10	
25	8307106	7	Washer 5/16	
26	8307109	3	Washer 1/4	
27	8307110	4	Washer 3/8	
28	8307112	4	Washer 1/2	
29	8310026	3	Bolt 1/4 x 3/4	
30	8310382	8	Nut 1/4	
31	8990147	1	Holder, Manual	
32	1001081049	1	Grommet, Split	
33	1001102844	2	U-Bolt 1/4 x 1-1/4	
34	1001114867	1	Socket, 12V Power Point	
35	1001159878	1	Support, Armrest	
36	1001170738	1	Gauge	
37	1001183164	1	Reservoir, Brake Valve	
38	1001201658	1	Hose	
39	1001207963	1	Plug, 5/8	
40	1001292279	1	Controller	
41	1001223052	1	Assembly, Brake (See Separate Breakdown in CONTROLS Section)	
42	1001246736	1	Cab, Open	
43	1001256519	1	Mount, Cab Step	
44	1001264554	1	Accelerator (Note: No Serviceable Parts - Purchase Complete Assembly)	
45	1001265914	1	Cover, Pedal	
46	1001266488	1	Lamp, LED Indicator	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
47	1001275931	1	Seat, Suspension (See Separate Breakdown in this Section)	
48	1001288679	1	Harness, Seat Belt Alarm (Not Shown) (See Separate Breakdown in ELECTRICAL Section)	
49	1001289539	1	Beacon Switch	
50	1001284403	1	Harness, Beacon Option (Not Shown) (See Separate Breakdown in ELECTRICAL Section)	
51	1001182091	1	Duct, Wire (Not Shown)	

FIGURE 6-3. CAB ASSEMBLY - OPEN

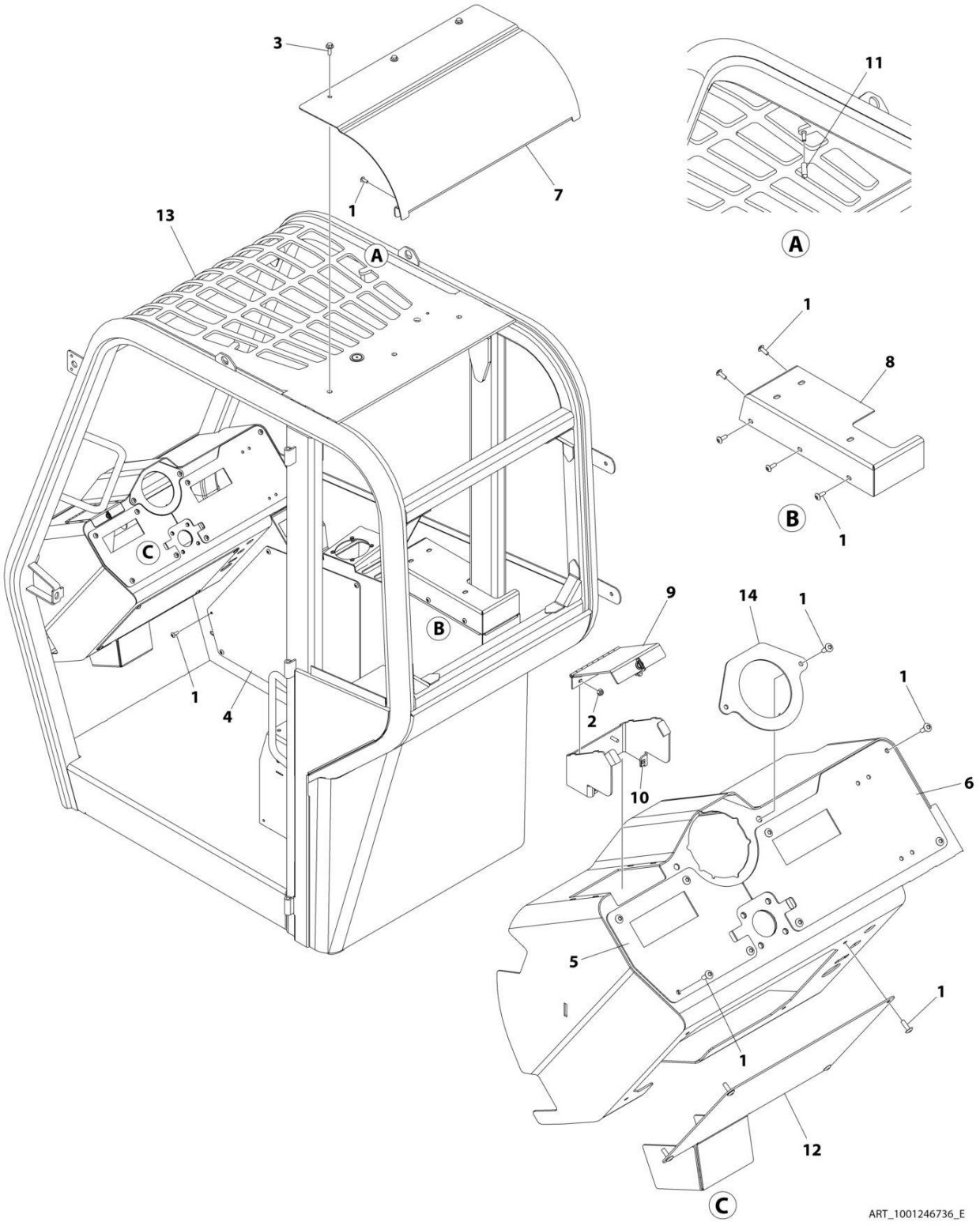


FIGURE 6-3. CAB ASSEMBLY - OPEN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001246736	Ref	CAB OPEN	E
1	8303034	27	Screw 1/4 x 3/4	
2	8310085	2	Nut M10	
3	1001149227	3	Screw 5/16 x 1	
4	1001160788	1	Panel, RH Console Access Plate	
5	1001160790	1	Panel, LH Dash Cover	
6	1001160791	1	Panel, RH Dash Cover	
7	1001160815	1	Panel, Roof Cover	
8	1001165617	1	Assembly, Side Console Access Panel	
9	1001202189	1	Door, Brake Reservoir	
10	1001202202	2	Nut	
11	1001202615	2	Cap, Silicon Stud Cover	
12	1001202746	1	Panel, Brake Access Plate	
13	1001246735	1	Cab Weldment	
14	1001301624	1	Panel, Dash Gauge	

FIGURE 6-4. OPEN CAB INSTALLATION WITH RED LED LIGHT ON DASHBOARD

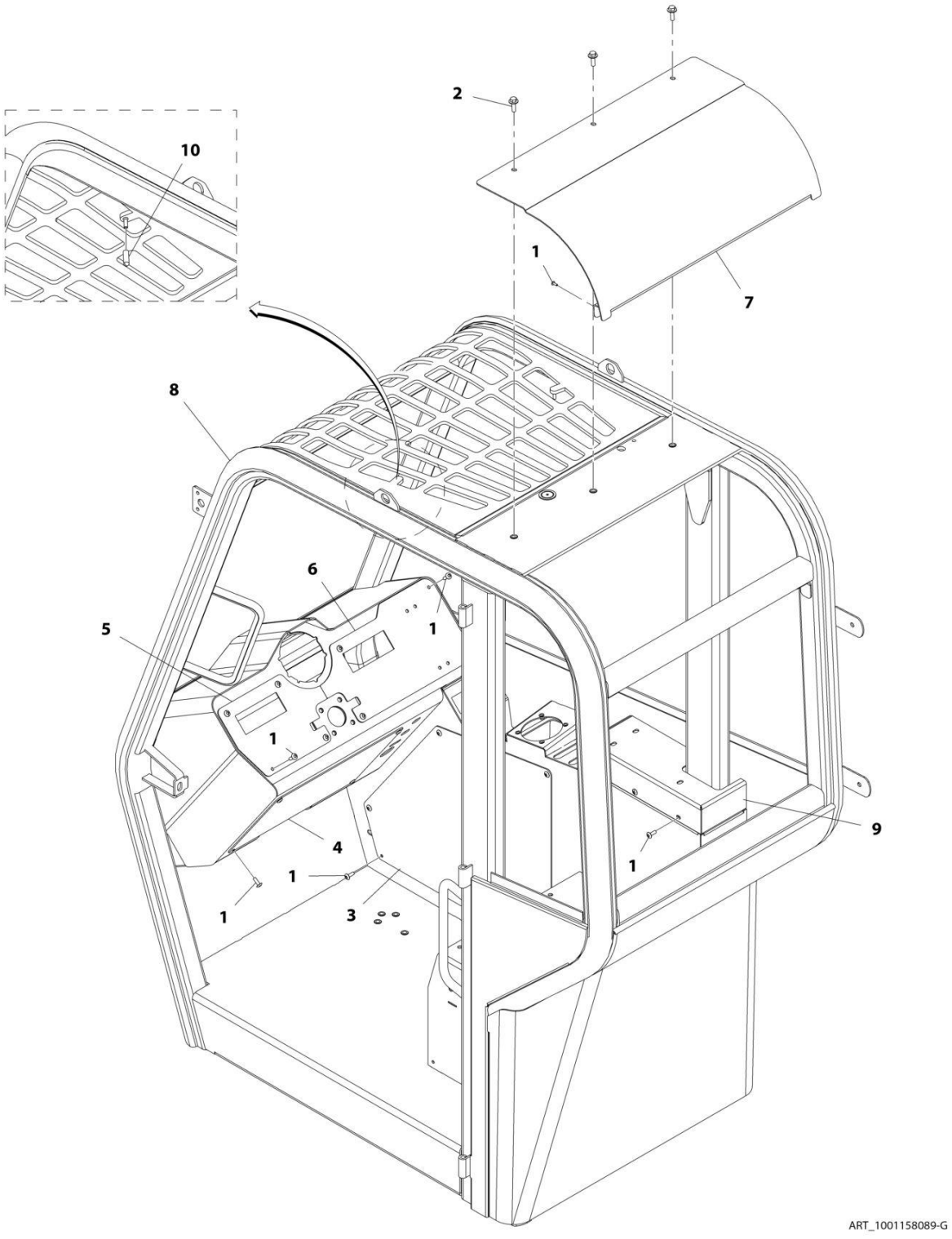
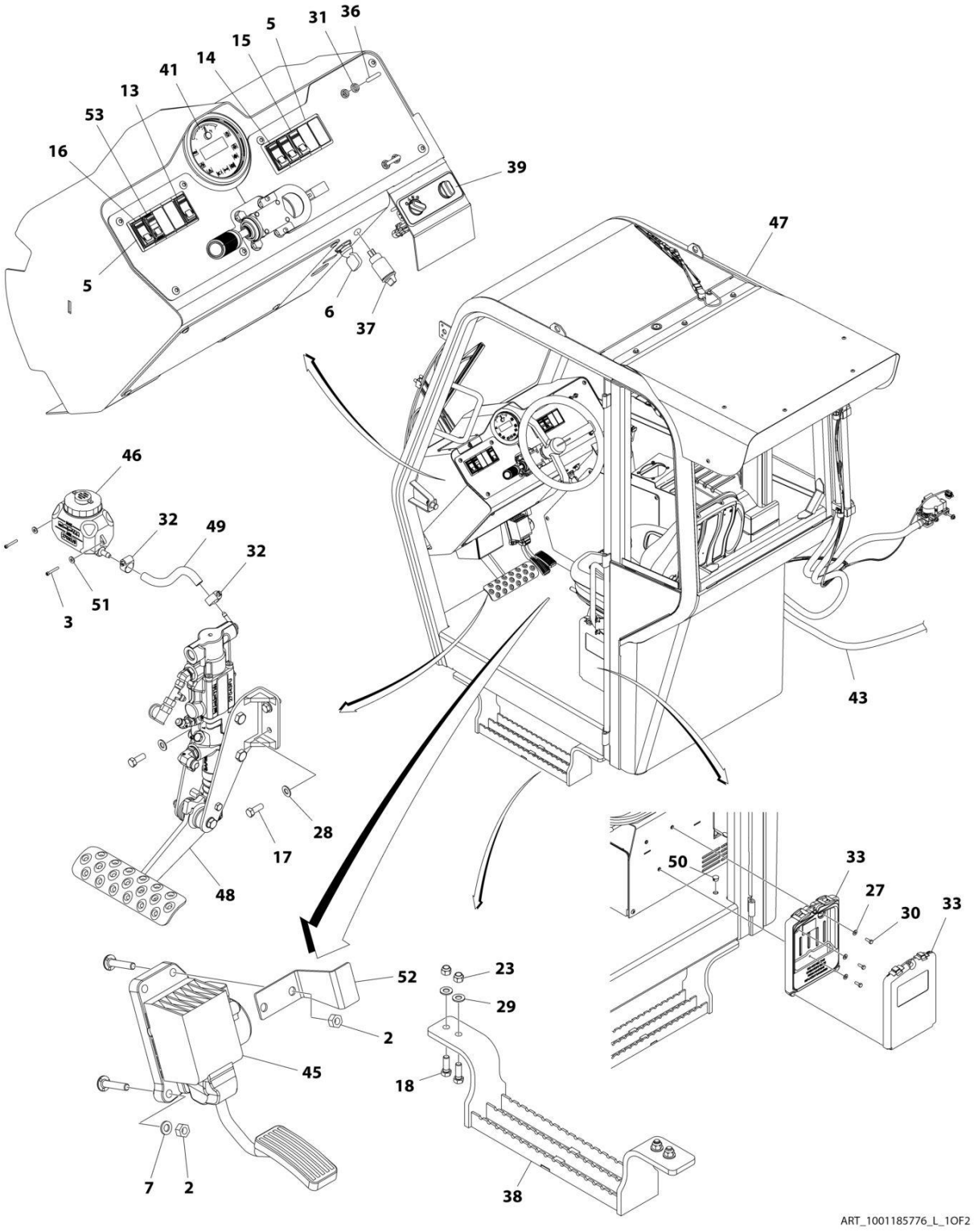


FIGURE 6-4. OPEN CAB INSTALLATION WITH RED LED LIGHT ON DASHBOARD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158089	Ref	Open Cab	H
1	8303034	25	Screw, 1/4-20X3/4	
2	1001149227	3	Screw, Hex Flange 5/16-18X1	
3	1001160788	1	Panel, RH Console Access Plate	
4	1001160789	1	Panel, Brake Access Plate	
5	1001160790	1	Panel, LH Dash Cover	
6	1001160791	1	Panel, RH Dash Cover	
7	1001160815	1	Panel, Roof Cover	
8	1001165583	1	Weldment, Cab	
9	1001165617	1	Assembly, Side Console Access Panel	
10	1001202615	2	Cap, Silicone Stud Cover	

FIGURE 6-5. CAB INSTALLATION - ENCLOSED CAB WITH HEATER (ORANGE SEAT BELT)



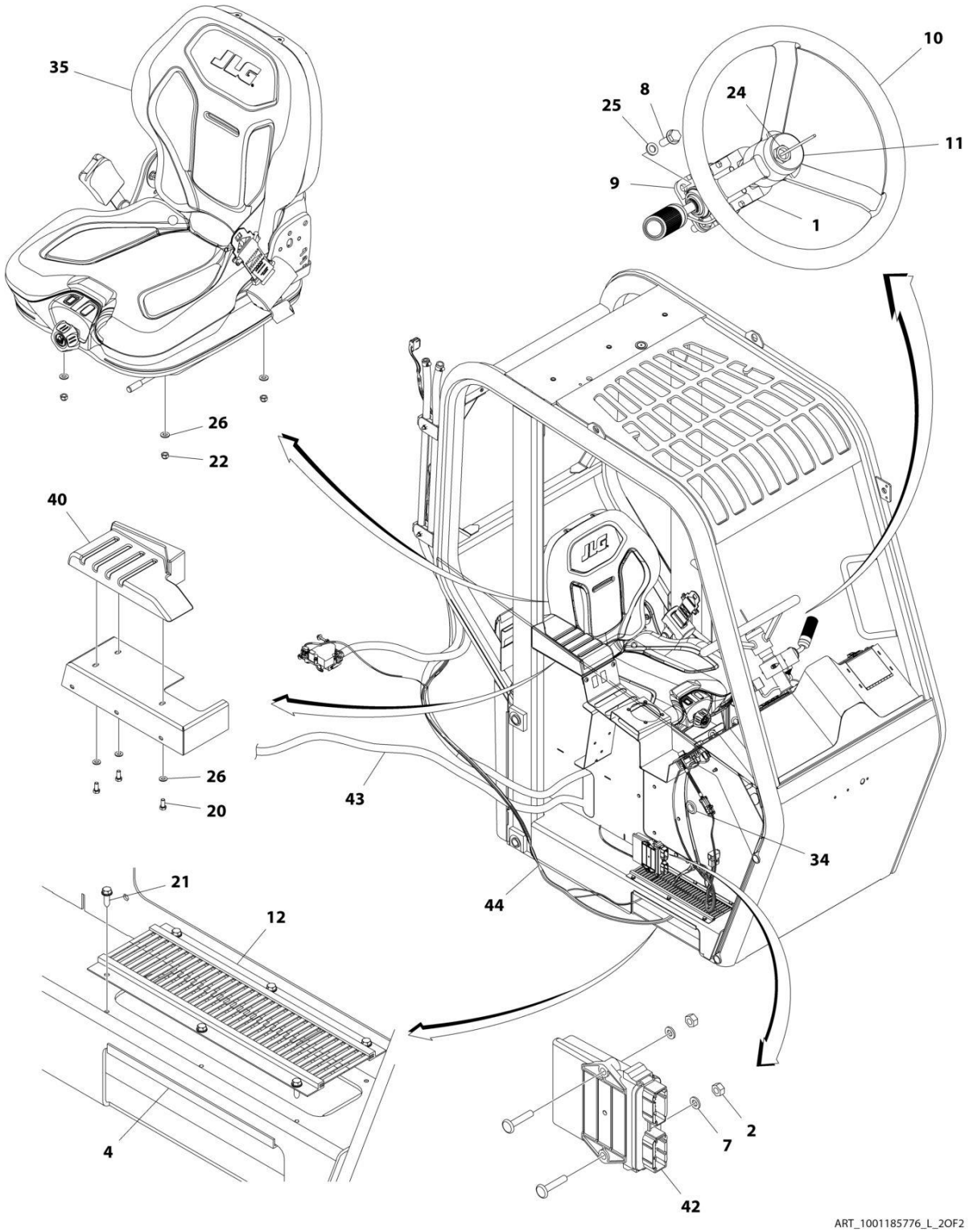
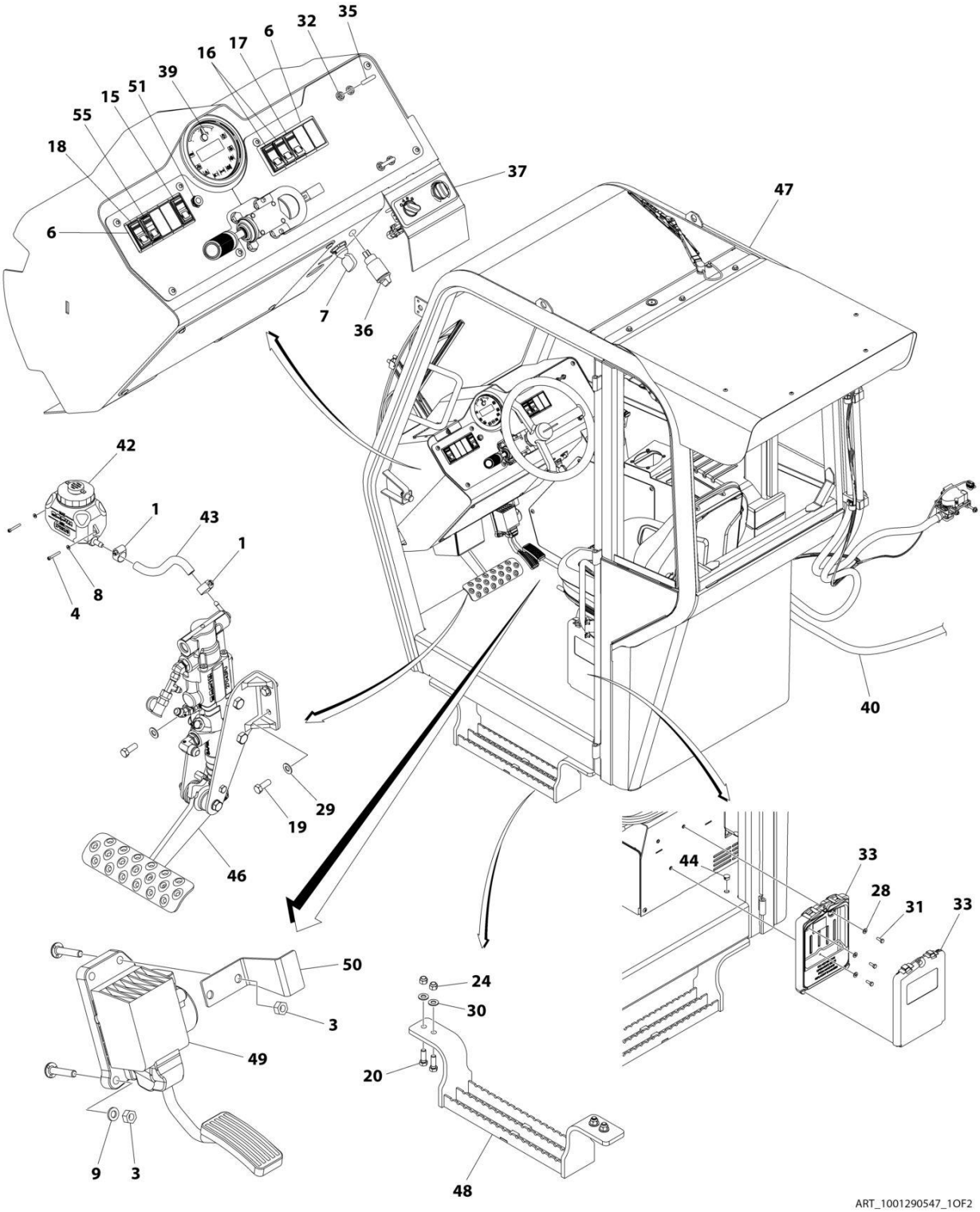

35
10
8
24
25
11
9
1
26
22
40
26
20
43
34
21
12
44
4
2
7
42
ART_1001185776_L_2OF2

FIGURE 6-5. CAB INSTALLATION - ENCLOSED CAB WITH HEATER (ORANGE SEAT BELT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185776	Ref	ENCLOSED CAB WITH HEATER INSTALLATION	L
1	1600429	1	Selector, Transmission Control	
2	3311401	5	Nut 1/4	
3	3930610	2	Bolt 6 x 5/8	
4	4060806	11 in	Shield, Flex Trim, 5/16	
5	4360569	2	Switch, Bezel	
6	4360690	1	Switch, Ignition	
6	8035807	1	Key (with cover)	
7	4761400	3	Washer 1/4	
8	5251014	4	Bolt M10 x 30	
9	7138833	1	Column, Steering	
10	7138836	1	Wheel, Steering	
11	7138878	1	Button, Horn	
12	7138944	2	Strips, Brush	
13	8223037	1	Switch, Steer Select	
14	8223043	2	Switch, Windscreen Wiper	
15	8223044	1	Switch, Windscreen Washer	
16	8223054	1	Switch, Park Brake	
17	8303620	4	Bolt 3/8 x 1	
18	8303626	4	Bolt 1/2 x 1-1/2	
20	8303697	3	Bolt 5/16 x 3/4	
21	8303982	6	Screw 1/4 x 3/4	
22	8305626	4	Nut 5/16	
23	8305644	4	Nut 1/2	
24	8305916	1	Nut, Steering Column	
25	8307023	4	Washer M10	
26	8307106	7	Washer 5/16	
27	8307109	3	Washer 1/4	
28	8307110	4	Washer 3/8	
29	8307112	4	Washer 1/2	
30	8310026	3	Bolt 1/4 x 3/4	
31	8310382	8	Nut 1/4	
32	1320022	2	Clamp, Fuel Line	
33	8990147	1	Holder, Manual	
34	1001081049	1	Grommet, Split	
35	1001275934	1	Seat, Cab (See Separate Breakdown in this Section)	
36	1001102844	2	Bolt 1/4 x 1-1/4	
37	1001114867	1	Socket, 12V Power Point	
38	1001256519	1	Mount, Cab Step	
39	1001159850	1	Panel, Heater Control	
40	1001159878	1	Support, Armrest	
41	1001170738	1	Gauge	
42	1001292279	1	Controller	
43	1001171807	1	Installation, Cab Heater Lines (See Separate Breakdown in this Section)	
44	1001178347	1	Harness, HVAC (See Separate Breakdown in ELECTRICAL Section)	
45	1001264554	1	Accelerator (Note: No Serviceable Parts - Purchase Complete Assembly)	
46	1001183164	1	Reservoir, Brake Valve	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
47	1001246737	1	Cab, Enclosed with Heater (See Separate Breakdown in this Section)	
48	1001223052	1	Assembly, Brake (See Separate Breakdown in CONTROLS Section)	
49	1001201658	1	Hose	
50	1001207963	1	Plug, 5/8	
51	4710600	2	Washer #6	
52	1001265914	1	Cover, Pedal	
53	1001289539	1	Switch, Beacon	
54	1001284403	1	Harness, Beacon Option (Not Shown) (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 6-6. CLOSED CAB WITH HVAC INSTALLATION



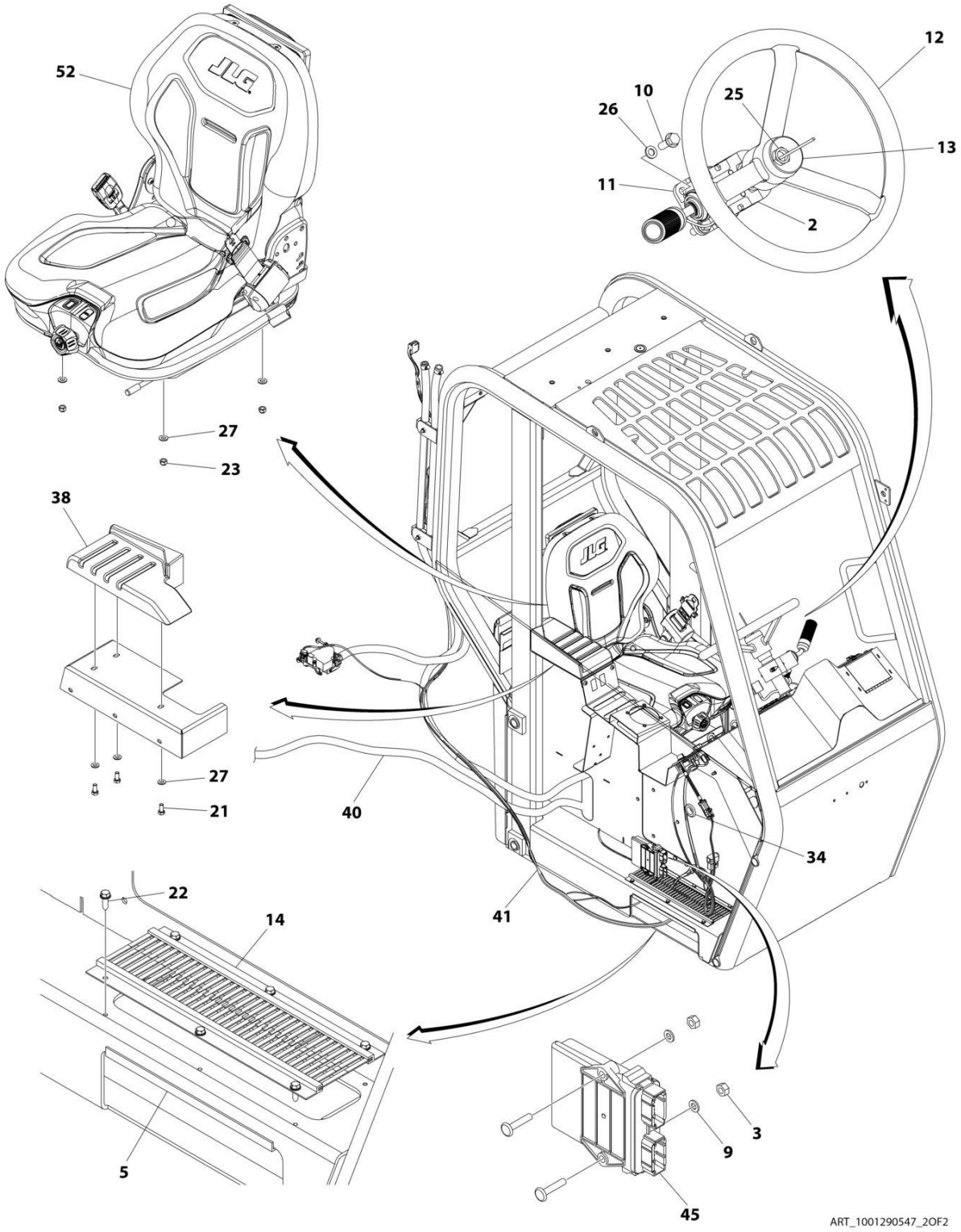

52
12
10
25
26
13
11
2
27
23
38
27
21
40
34
22
14
41
5
3
9
45
ART_1001290547_2OF2

FIGURE 6-6. CLOSED CAB WITH HVAC INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001290547	Ref	CLOSED CAB WITH HEAT INSTALLATION	B
1	1320022	2	Clamp, Fuel Line	
2	1600429	1	Selector, Transmission Control	
3	3311401	5	Nut 1/4	
4	3930610	2	Bolt #6 x 5/8	
5	4060806	11 in	Shield, Flex Trim 5/16	
6	4360569	2	Switch, Bezel	
7	4360690	1	Switch, Ignition	
7	8035807	1	Key (with cover)	
8	4710600	2	Washer #6	
9	4761400	3	Washer 1/4	
10	5251014	4	Bolt M10 x 30	
11	7138833	1	Column, Steering	
12	7138836	1	Wheel, Steering	
13	7138878	1	Button, Horn	
14	7138944	2	Strips, Brush	
15	8223037	1	Switch, Steer Select	
16	8223043	2	Switch, Windscreen Wiper	
17	8223044	1	Switch, Windscreen Washer	
18	8223054	1	Switch, Park Brake	
19	8303620	4	Bolt 3/8 x 1	
20	8303626	4	Bolt 1/2 x 1-1/2	
21	8303697	3	Bolt 5/16 x 3/4	
22	8303982	6	Screw 1/4 x 3/4	
23	8305626	4	Nut 5/16	
24	8305644	4	Nut 1/2	
25	8305916	1	Nut, Steering Column	
26	8307023	4	Washer M10	
27	8307106	7	Washer 5/16	
28	8307109	3	Washer 1/4	
29	8307110	4	Washer 3/8	
30	8307112	4	Washer 1/2	
31	8310026	3	Bolt 1/4 x 3/4	
32	8310382	8	Nut 1/4	
33	8990147	1	Holder, Manual	
34	1001081049	1	Grommet	
35	1001102844	2	U-Bolt 1/4 x 1-1/4	
36	1001114867	1	Socket, 12V Power Point	
37	1001159850	1	Panel, Heater Control	
38	1001159878	1	Support, Armrest	
39	1001170738	1	Gauge	
40	1001171807	1	Installation, Cab Heater Lines (See Separate Breakdown in this Section)	
41	1001178347	1	Harness, HVAC (See Separate Breakdown in ELECTRICAL Section)	
42	1001183164	1	Reservoir, Brake Valve	
43	1001201658	1	Hose	
44	1001207963	1	Plug, 5/8	
45	1001292279	1	Controller	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
46	1001223052	1	Assembly, Brake (See Separate Breakdown in CONTROLS Section)	
47	1001246737	1	Cab, Enclosed with Heater (See Separate Breakdown in this Section)	
48	1001256519	1	Mount, Cab Step	
49	1001264554	1	Accelerator (Note: No Serviceable Parts - Purchase Complete Assembly)	
50	1001265914	1	Cover, Pedal	
51	1001266488	1	Lamp, LED Indicator	
52	1001275931	1	Seat, Suspension (See Separate Breakdown in this Section)	
53	1001288679	1	Harness, Seat Belt Alarm (Not Shown) (See Separate Breakdown in ELECTRICAL Section)	
54	1001284403	1	Harness, Beacon Option (Not Shown) (See Separate Breakdown in ELECTRICAL Section)	
55	1001289539	1	Beacon Switch	

FIGURE 6-7. CAB ASSEMBLY - ENCLOSED WITH HEATER & BREAK RESERVOIR

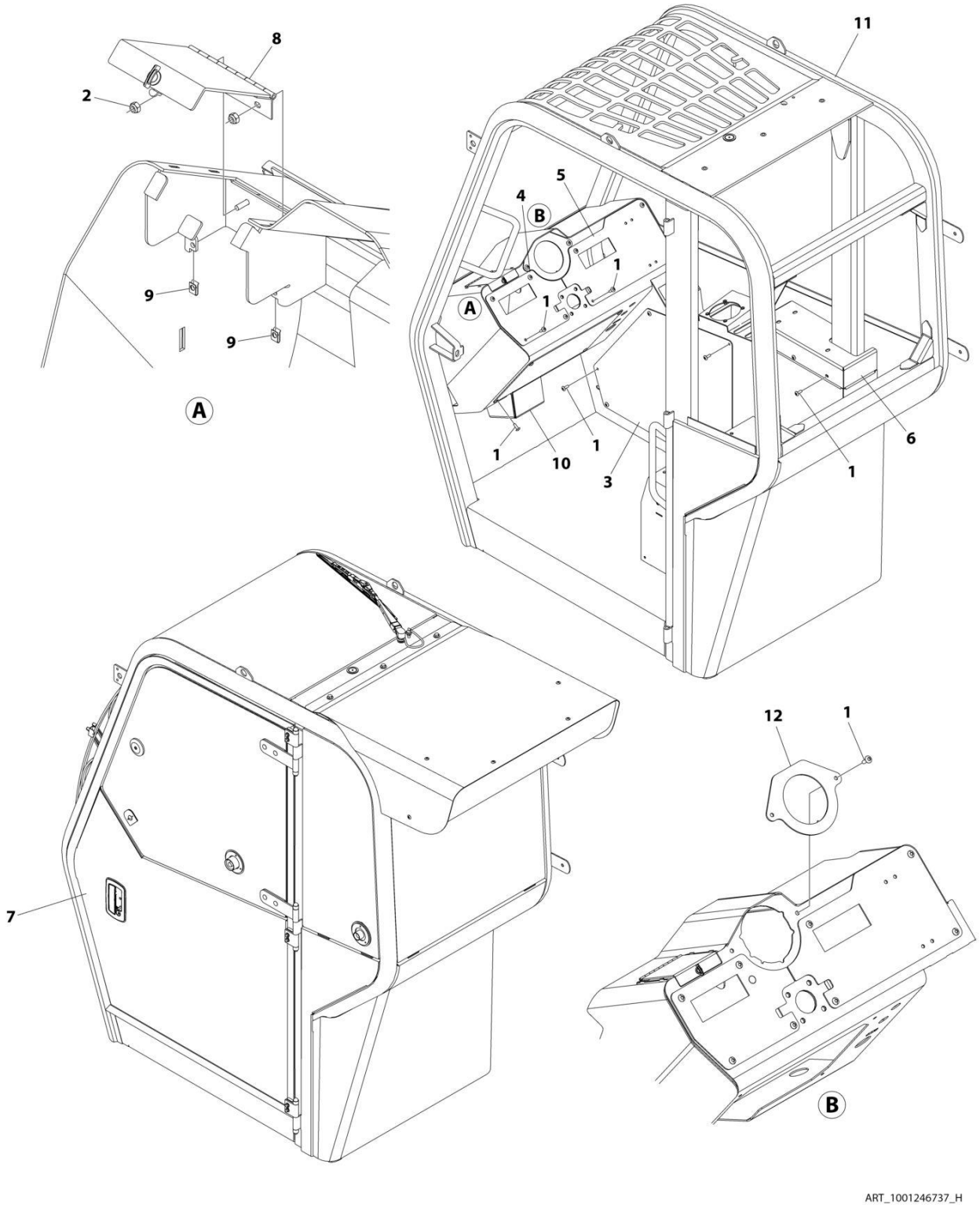


FIGURE 6-7. CAB ASSEMBLY - ENCLOSED WITH HEATER & BREAK RESERVOIR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001246737	Ref	CAB ENCLOSED WITH HEATER	H
1	8303034	24	Screw 1/4 x 3/4	
2	8310085	2	Nut	
3	1001160788	1	Panel, RH Console Access Plate	
4	1001160790	1	Panel, LH Dash Cover	
5	1001160791	1	Panel, RH Dash Cover	
6	1001165617	1	Assembly, Side Console Access Panel	
7	1001165823	1	Enclosure, Cab (See Separate Breakdown in this Section)	
8	1001202189	1	Door, Brake Reservoir	
9	1001202202	2	Nut	
10	1001202746	1	Panel, Brake Access Plate	
11	See Note	NSS	Cab (Purchase Complete Assembly)	
12	1001301624	1	Panel, Dash Gauge	

FIGURE 6-8. CAB ASSEMBLY - ENCLOSED WITH HEATER

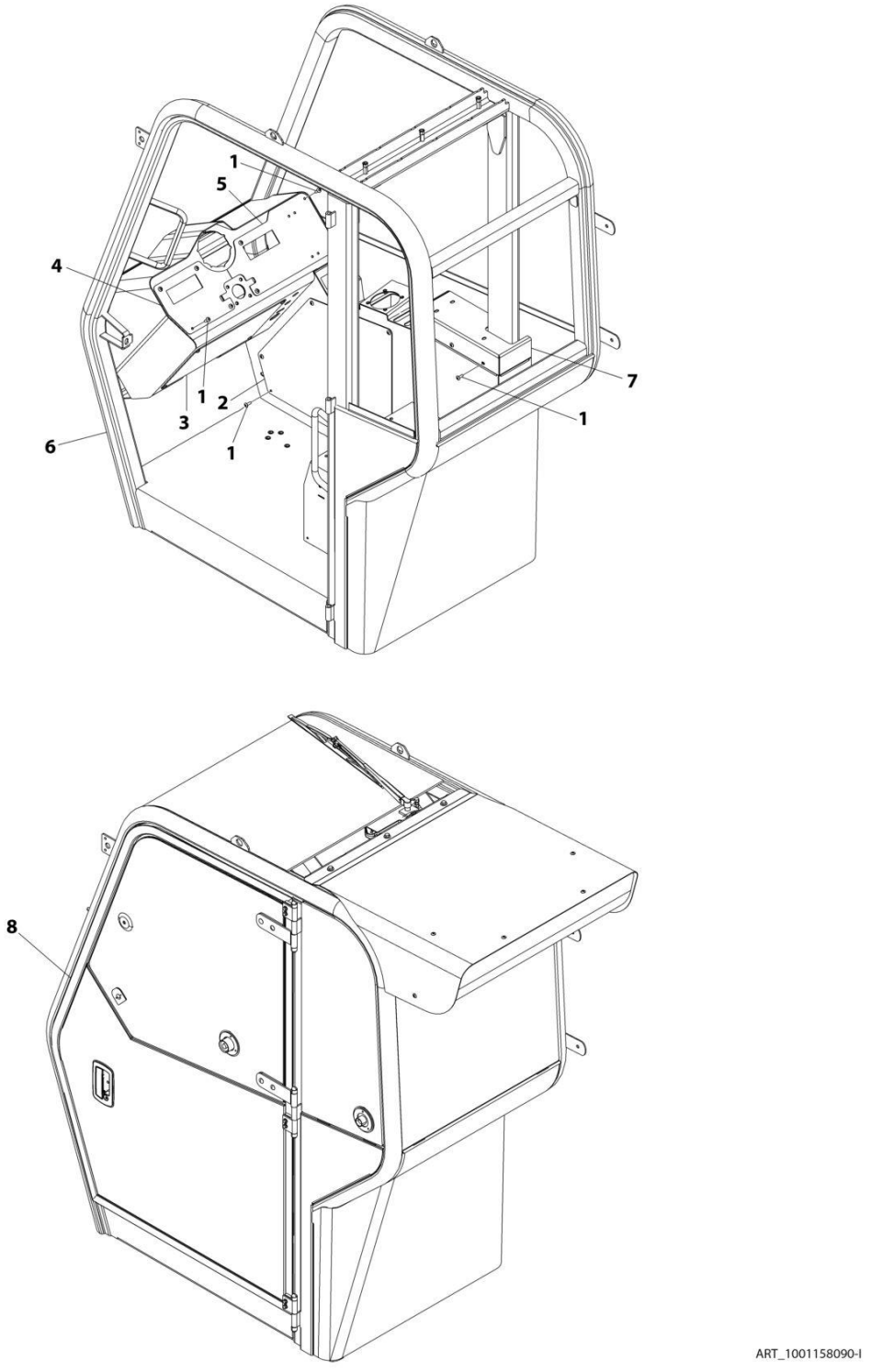


FIGURE 6-8. CAB ASSEMBLY - ENCLOSED WITH HEATER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158090	Ref	Enclosed Cab with Heater	K
1	8303034	22	Screw, 1/4-20X3/4	
2	1001160788	1	Panel, RH Console Access Plate	
3	1001160789	1	Panel, Brake Access Plate	
4	1001160790	1	Panel, LH Dash Cover	
5	1001160791	1	Panel, RH Dash Cover	
6	1001165583	1	Weldment, Cab	
7	1001165617	1	Assembly, Side Console Access Panel	
8	1001165823	1	Enclosure, Cab (See CAB ENCLOSURE for Breakdown)	

FIGURE 6-9. CAB ENCLOSURE WITH HEATER

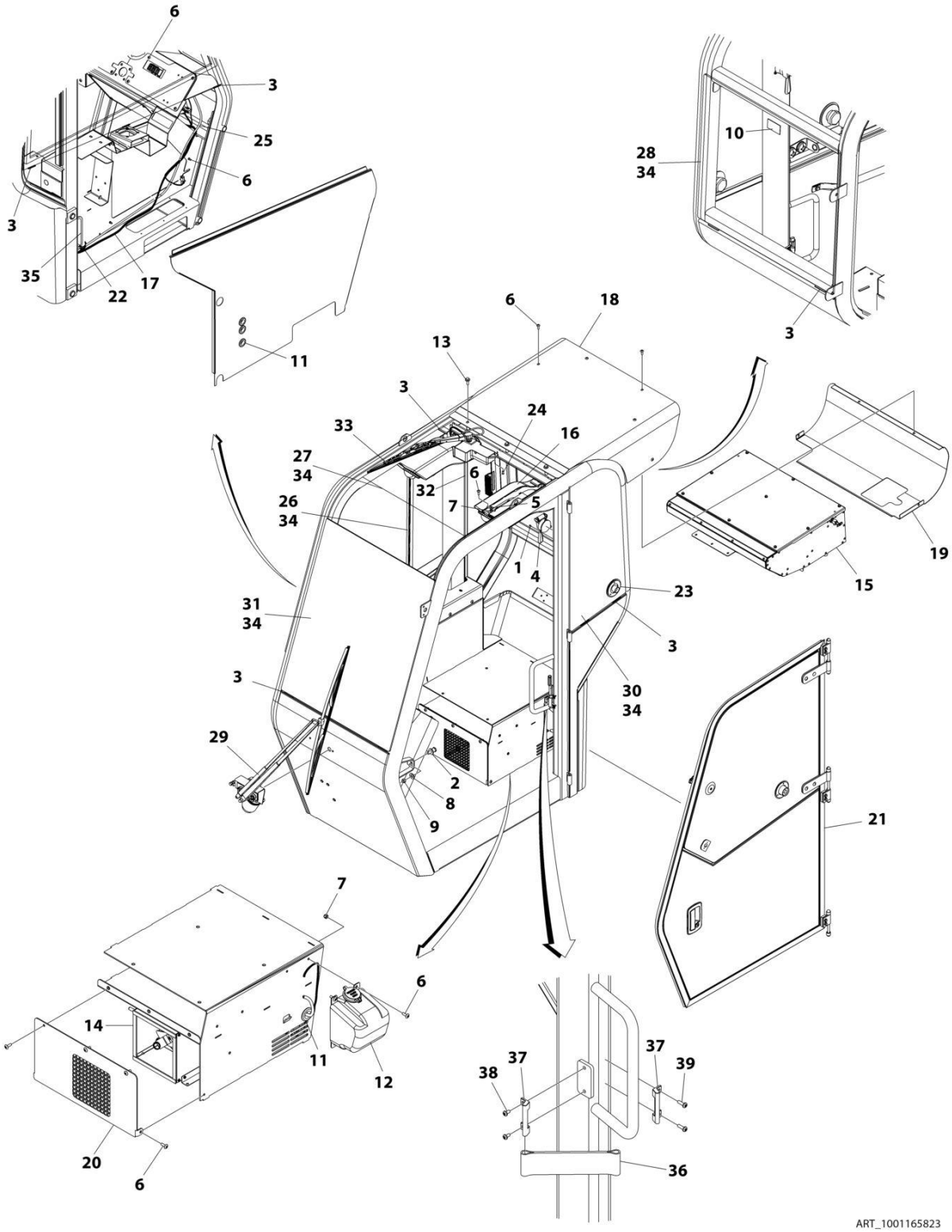
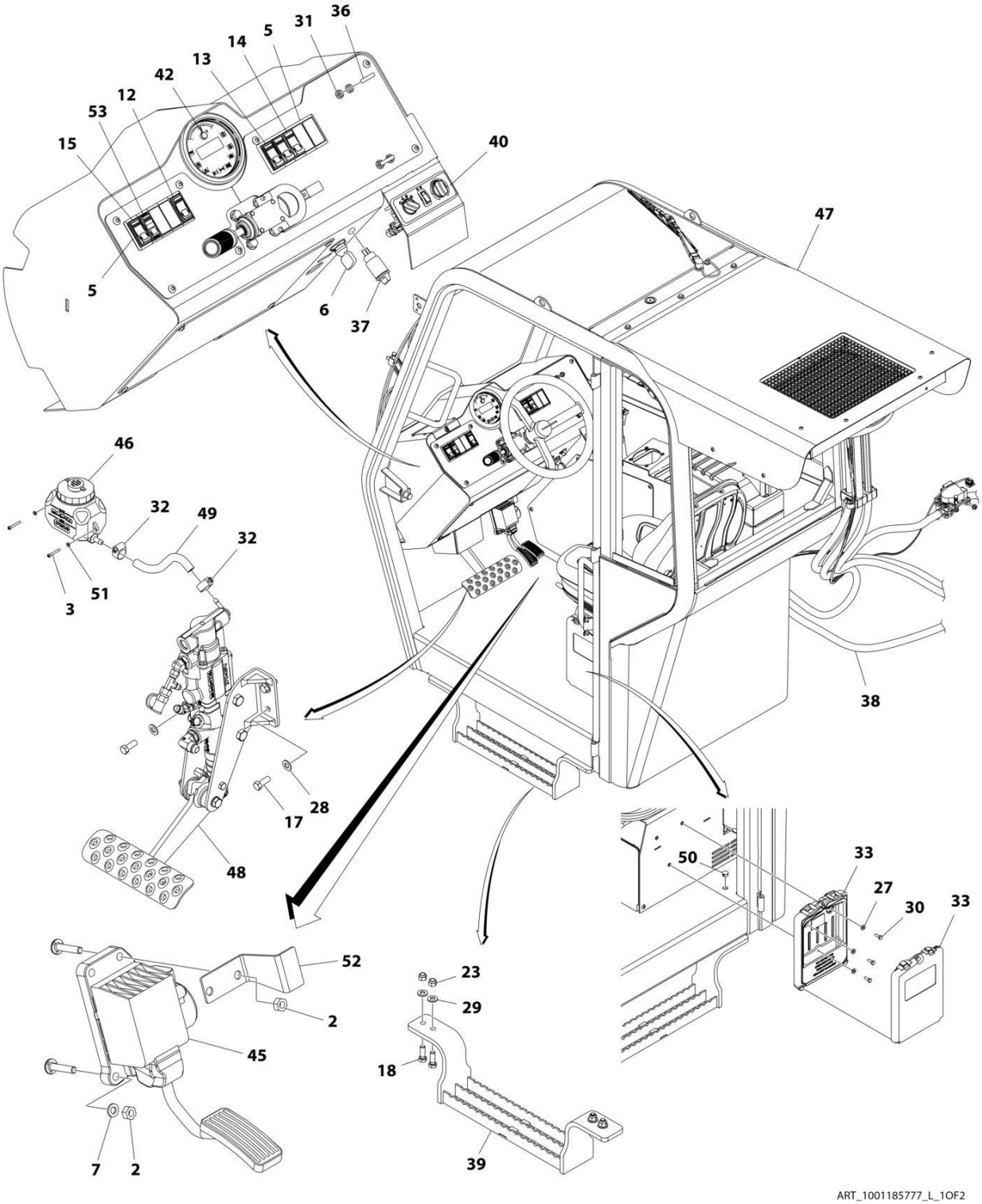


FIGURE 6-9. CAB ENCLOSURE WITH HEATER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165823	Ref	CAB ENCLOSURE	O
1	91404298	3	Rivet	
2	1001109478	1	Latch, Striker	
3	1001181968	13	Mould, Setting Block	
4	91404301	1	Hammer, Emergency	
5	4711400	2	Washer 1/4	
6	8303034	33	Screw 1/4 x 3/4	
7	8305624	4	Nut 1/4	
8	8307112	1	Washer 1/2	
9	8310109	1	Nut 7/164	
10	91404299	1	Decal, Escape	
11	1001081049	4	Grommet, Split	
12	1001111112	1	Tank, Window Washer Fluid	
12	70025480	1	Pump, Reservoir	
13	1001149227	3	Screw 5/16 x 1	
14	1001159856	1	Heater Assembly - Floor (See Separate Breakdown in this Section)	
15	1001159860	1	HVAC Assembly - Roof Top (See Separate Breakdown in this Section)	
16	1001160785	2	Duct, HVAC	
17	1001178349	1	Harness, Wiper (See Separate Breakdown in ELECTRICAL Section)	
18	1001164282	1	Hood, Top	
19	1001164284	1	Hood, Bottom	
20	1001164717	1	Panel, Floor Heater Access	
21	1001165806	1	Door, Cab (See Separate Breakdown in this Section)	
22	1001008742	1	Coupling, Tee	
23	1001081243	1	Retainer, Door Window Hold	
24	0630464	1	Screw #10 x 1/2	
25	82033997	168 in	Hose, Washer Fluid	
26	8036050	1	Window, RH Slider (See Separate Breakdown in this Section)	
27	7138958	1	Glass, Skylight	
28	1001181707	1	Window, Rear	
29	8036056	1	Assembly, Front Wiper (See Separate Breakdown in this Section)	
30	1001181893	1	Window, LH Rear	
31	1001181903	1	Window, Windshield	
32	1001182091	1	Duct, Wire	
33	1001182470	1	Wiper, Skylight (See Separate Breakdown in this Section)	
34	1001177746	AR	Compound, Locking	
35	4060803	16.5 in	Flex-Trim	
36	80384218	1	Strap, Door	
37	1001196128	2	Bracket, Strap Holder	
38	1001197098	2	Screw #10 x 3/8	
39	1001197099	2	Screw #10 x 5/8	

FIGURE 6-10. CAB INSTALLATION - ENCLOSED CAB WITH HEATER/AC (ORANGE SEAT BELT)



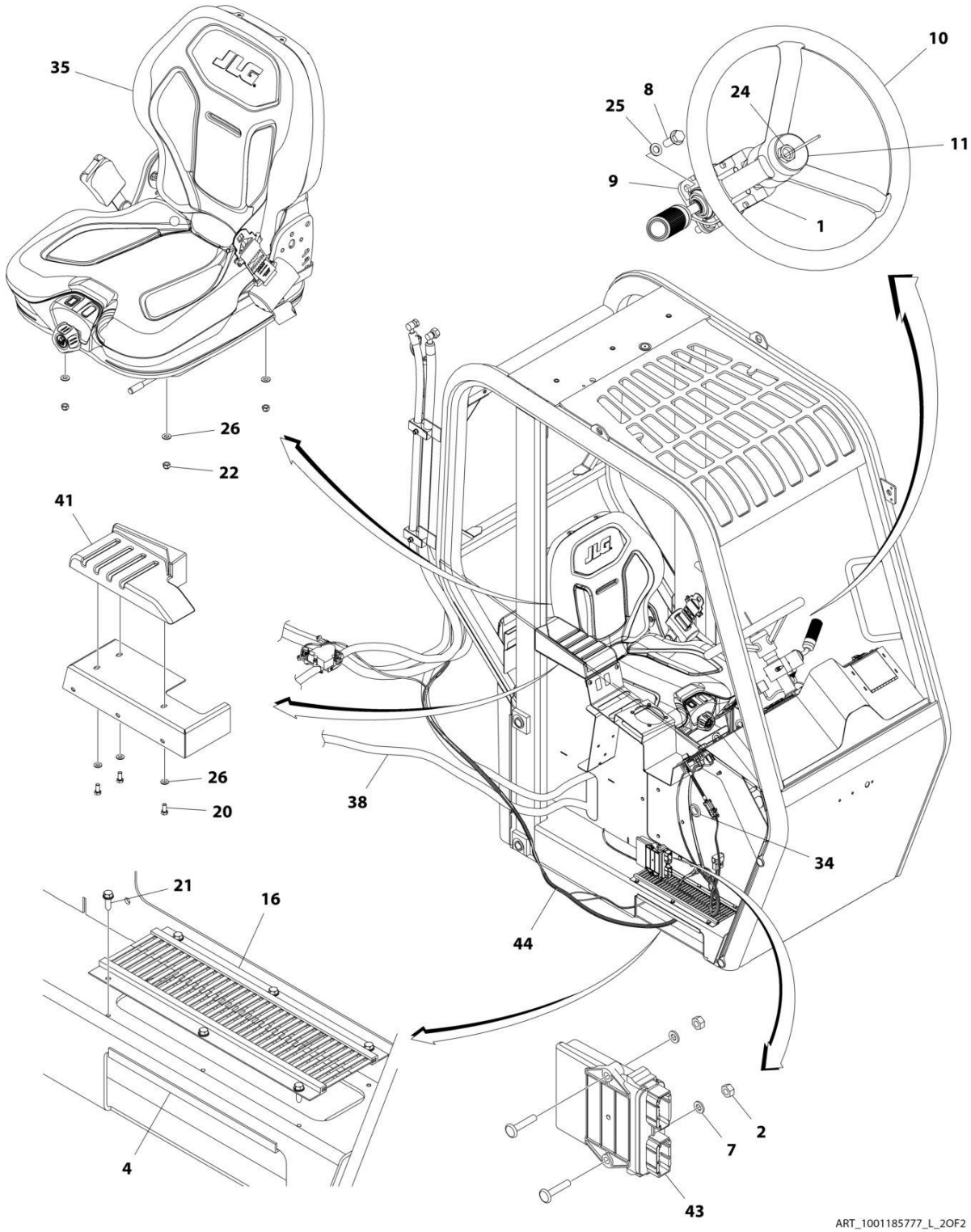
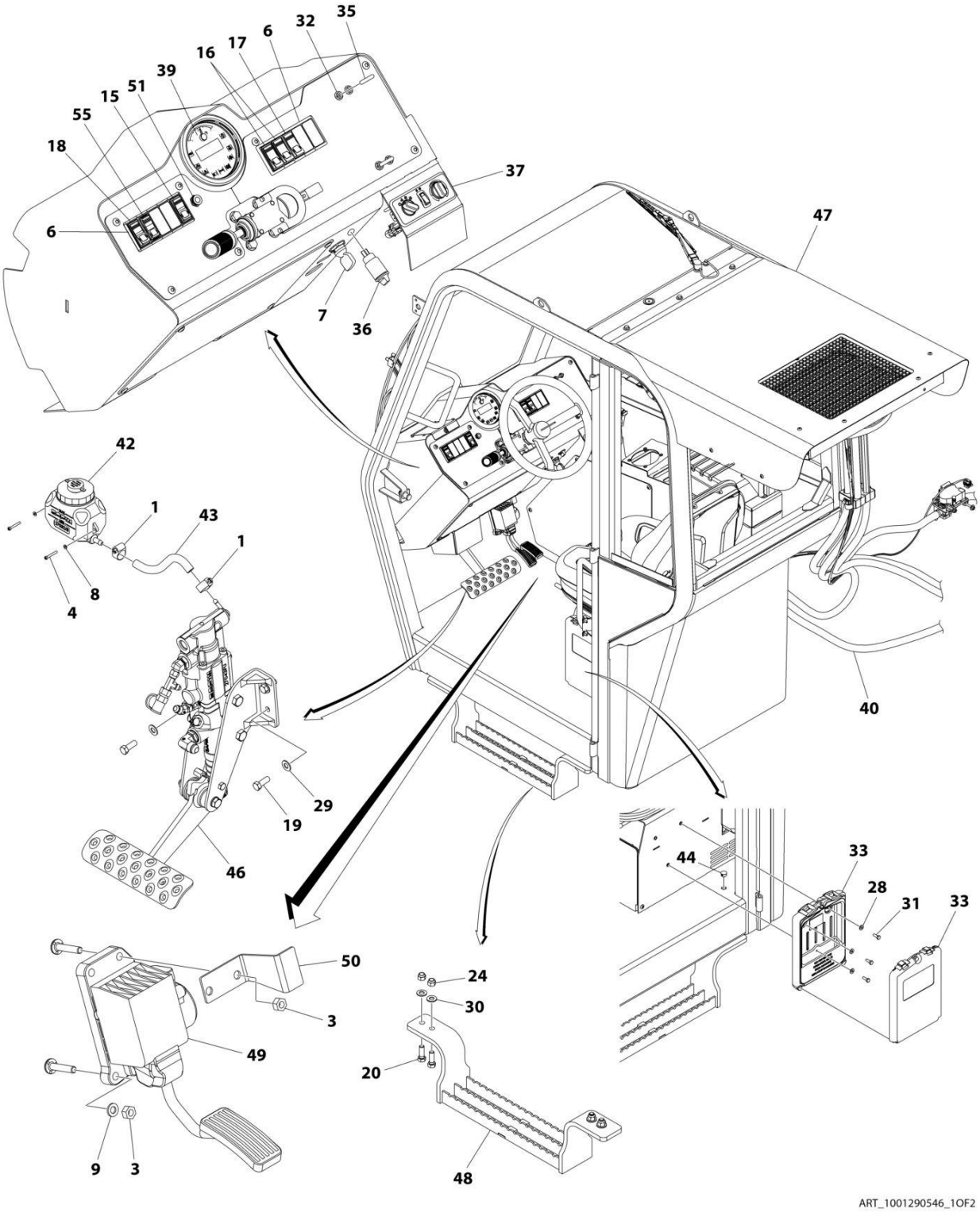

35
10
8
24
25
11
9
1
26
22
41
26
20
38
34
21
16
44
2
7
4
43
ART_1001185777_L_2OF2

FIGURE 6-10. CAB INSTALLATION - ENCLOSED CAB WITH HEATER/AC (ORANGE SEAT BELT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185777	Ref	ENCLOSED CAB WITH HEATER/AC INSTALLATION	L
1	1600429	1	Selector, Transmission Control	
2	3311401	5	Nut 1/4	
3	3930610	2	Bolt #6 x 5/8	
4	4060806	11 in	Shield, Flex Trim 5/16	
5	4360569	2	Switch, Bezel	
6	4360690	1	Switch, Ignition	
7	4761400	3	Washer 1/4	
8	5251014	4	Bolt M10 x 30	
9	7138833	1	Column, Steering	
10	7138836	1	Wheel, Steering	
11	7138878	1	Button, Horn	
12	8223037	1	Switch, Steer Select	
13	8223043	2	Switch, Windscreen Wiper	
14	8223044	1	Switch, Windscreen Washer	
15	8223054	1	Switch, Park Brake	
16	7138944	2	Strips, Brush	
17	8303620	4	Bolt 3/8 x 1	
18	8303626	4	Bolt 1/2 x 1-1/2	
20	8303697	3	Bolt 5/16 x 3/4	
21	8303982	6	Screw 1/4 x 3/4	
22	8305626	4	Nut 5/16	
23	8305644	4	Nut 1/2	
24	8305916	1	Nut, Steering Column	
25	8307023	4	Washer M10	
26	8307106	7	Washer 5/16	
27	8307109	3	Washer 1/4	
28	8307110	4	Washer 3/8	
29	8307112	4	Washer 1/2	
30	8310026	3	Bolt 1/4 x 3/4	
31	8310382	8	Nut 1/4	
32	1320022	2	Clamp, Fuel Line	
33	8990147	1	Holder, Manual	
34	1001081049	1	Grommet	
35	1001275934	1	Seat, Cab (See Separate Breakdown in this Section)	
36	1001102844	2	U-Bolt 1/4 x 1-1/4	
37	1001114867	1	Socket, 12V Power Point	
38	1001171806	1	Installation, Cab Heater/AC Lines (See Separate Breakdown in this Section)	
39	1001256519	1	Mount, Cab Step	
40	1001159851	1	Panel, HVAC Control	
40	1001204362	1	Switch, Fan	
40	7301265	1	Switch, A/C	
41	1001159878	1	Support, Armrest	
42	1001170738	1	Gauge	
43	1001292279	1	Controller	
44	1001178347	1	Harness, HVAC (See Separate Breakdown in ELECTRICAL Section)	
45	1001264554	1	Accelerator (Note: No Serviceable Parts - Purchase Complete Assembly)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
46	1001183164	1	Reservoir, Brake Valve	
47	1001246738	1	Cab, Enclosed with Heater/AC (See Separate Breakdown in this Section)	
48	1001223052	1	Assembly, Brake (See Separate Breakdown in CONTROLS Section)	
49	1001201658	1	Hose	
50	1001207963	1	Plug, 5/8	
51	4710600	2	Washer #6	
52	1001265914	1	Cover, Pedal	
53	1001289539	1	Switch, Beacon	
54	1001284403	1	Harness, Beacon Option (Not Shown) (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 6-11. CLOSED CAB WITH HEAT INSTALLATION



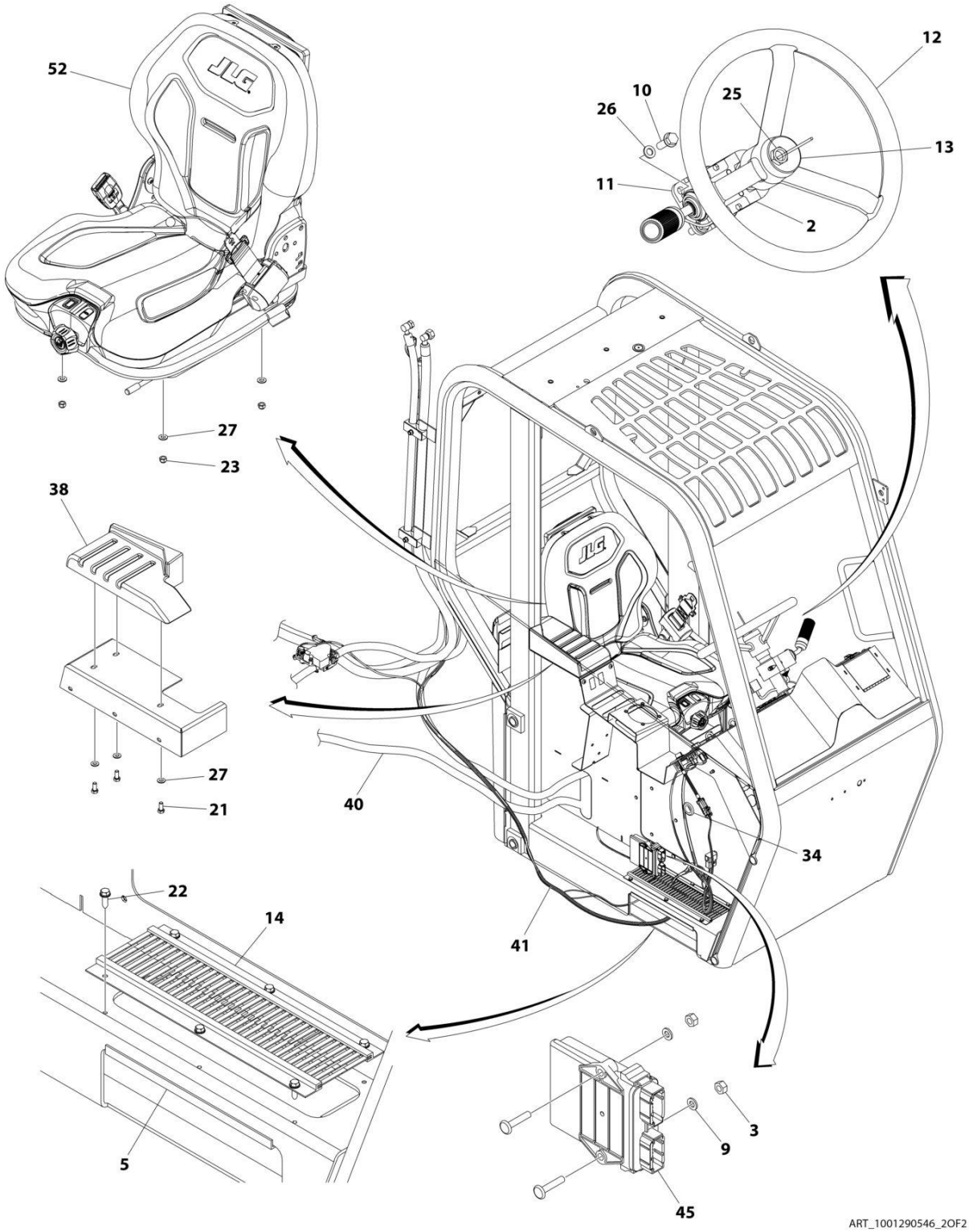

52
12
10
25
26
13
11
2
27
23
38
27
21
40
34
22
14
41
5
3
9
45
ART_1001290546_2OF2

FIGURE 6-11. CLOSED CAB WITH HEAT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001290546	Ref	CLOSED CAB WITH HVAC INSTALLATION	B
1	1320022	2	Clamp, Fuel Line	
2	1600429	1	Selector, Transmission Control	
3	3311401	5	Nut 1/4	
4	3930610	2	Bolt #6 x 5/8	
5	4060806	11 in	Shield, Flex Trim 5/16	
6	4360569	2	Switch, Bezel	
7	4360690	1	Switch, Ignition	
7	8035807	1	Key (with cover)	
8	4710600	2	Washer #6	
9	4761400	3	Washer 1/4	
10	5251014	4	Bolt M10 x 30	
11	7138833	1	Column, Steering	
12	7138836	1	Wheel, Steering	
13	7138878	1	Button, Horn	
14	7138944	2	Strips, Brush	
15	8223037	1	Switch, Steer Select	
16	8223043	2	Switch, Windscreen Wiper	
17	8223044	1	Switch, Windscreen Washer	
18	8223054	1	Switch, Park Brake	
19	8303620	4	Bolt 3/8 x 1	
20	8303626	4	Bolt 1/2 x 1-1/2	
21	8303697	3	Bolt 5/16 x 3/4	
22	8303982	6	Screw 1/4 x 3/4	
23	8305626	4	Nut 5/16	
24	8305644	4	Nut 1/2	
25	8305916	1	Nut, Steering Column	
26	8307023	4	Washer M10	
27	8307106	7	Washer 5/16	
28	8307109	3	Washer 1/4	
29	8307110	4	Washer 3/8	
30	8307112	4	Washer 1/2	
31	8310026	3	Bolt 1/4 x 3/4	
32	8310382	8	Nut 1/4	
33	8990147	1	Holder, Manual	
34	1001081049	1	Grommet	
35	1001102844	2	U-Bolt 1/4 x 1-1/4	
36	1001114867	1	Socket, 12V Power Point	
37	1001159851	1	Panel, HVAC Control	
37	1001204362	1	Switch, Fan	
37	7301265	1	Switch, A/C	
38	1001159878	1	Support, Armrest	
39	1001170738	1	Gauge	
40	1001171806	1	Installation, Cab Heater/AC Lines (See Separate Breakdown in this Section)	
41	1001178347	1	Harness, HVAC (See Separate Breakdown in ELECTRICAL Section)	
42	1001183164	1	Reservoir, Brake Valve	
43	1001201658	1	Hose	
44	1001207963	1	Plug, 5/8	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
45	1001292279	1	Controller	
46	1001223052	1	Assembly, Brake (See Separate Breakdown in CONTROLS Section)	
47	1001246738	1	Cab, Enclosed with Heater/AC (See Separate Breakdown in this Section)	
48	1001256519	1	Mount, Cab Step	
49	1001264554	1	Accelerator (Note: No Serviceable Parts - Purchase Complete Assembly)	
50	1001265914	1	Cover, Pedal	
51	1001266488	1	Lamp, LED Indicator	
52	1001275931	1	Seat, Suspension (See Separate Breakdown in this Section)	
53	1001288679	1	Harness, Seat Belt Alarm (Not Shown) (See Separate Breakdown in ELECTRICAL Section)	
54	1001284403	1	Harness, Beacon Option (Not Shown) (See Separate Breakdown in ELECTRICAL Section)	
55	1001289539	1	Beacon Switch	

FIGURE 6-12. CAB ASSEMBLY - ENCLOSED WITH HEATER & AC WITH BREAK RESEVOIR

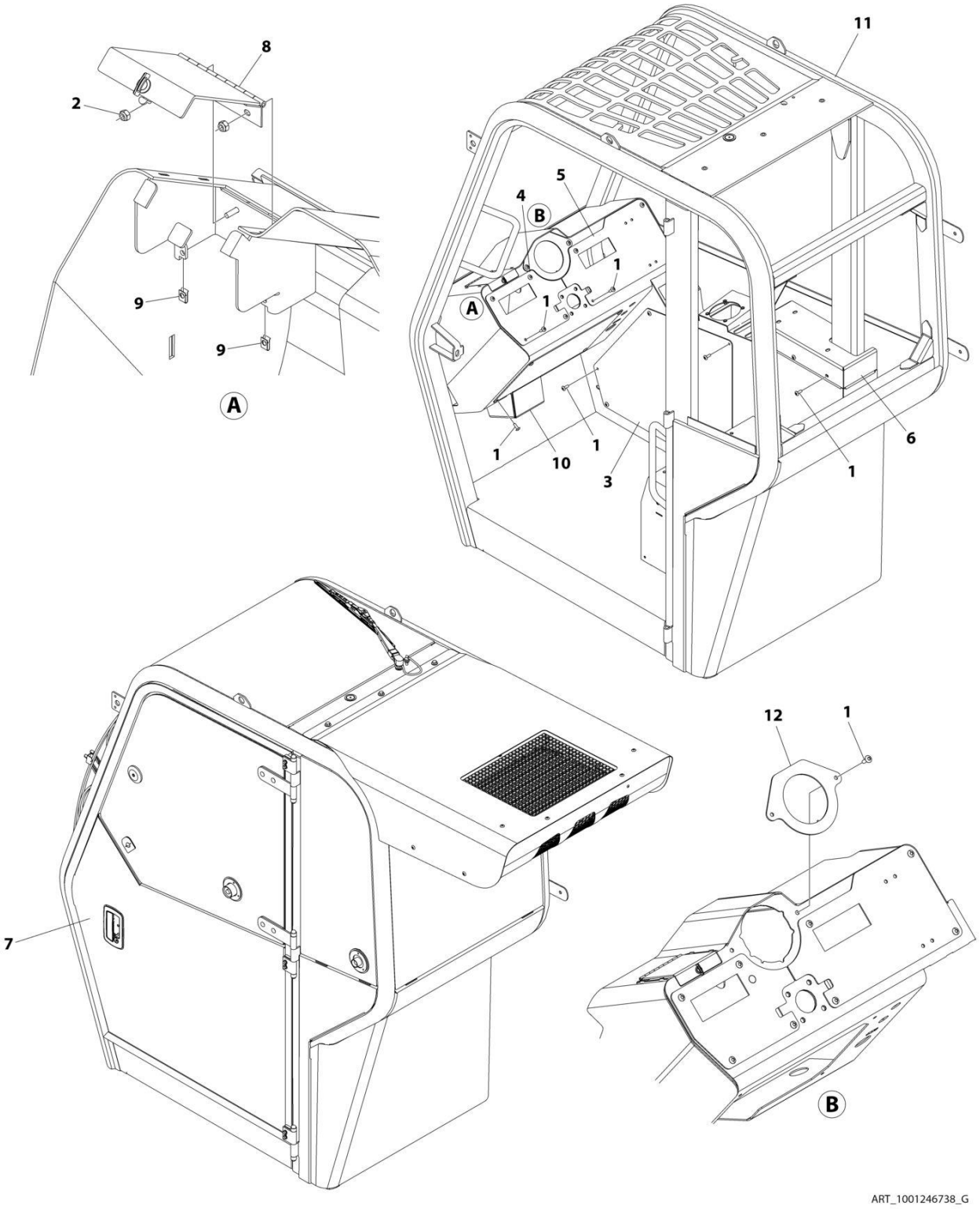


FIGURE 6-12. CAB ASSEMBLY - ENCLOSED WITH HEATER & AC WITH BREAK RESEVOIR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001246738	Ref	CAB ENCLOSED WITH HEATER/AC	G
1	8303034	24	Screw 1/4 x 3/4	
2	8310085	2	Nut	
3	1001160788	1	Panel, RH Console Access Plate	
4	1001160790	1	Panel, LH Dash Cover	
5	1001160791	1	Panel, RH Dash Cover	
6	1001165617	1	Assembly, Side Console Access Panel	
7	1001168066	1	Enclosure, Cab HVAC (See Separate Breakdown in this Section)	
8	1001202189	1	Door, Brake Reservoir	
9	1001202202	2	Nut M6	
10	1001202746	1	Panel, Brake Access Plate	
11	1001246735	1	Cab Weldment	
12	1001301624	1	Panel, Dash Gauge	

FIGURE 6-13. CAB ASSEMBLY - ENCLOSED WITH HEATER & AC

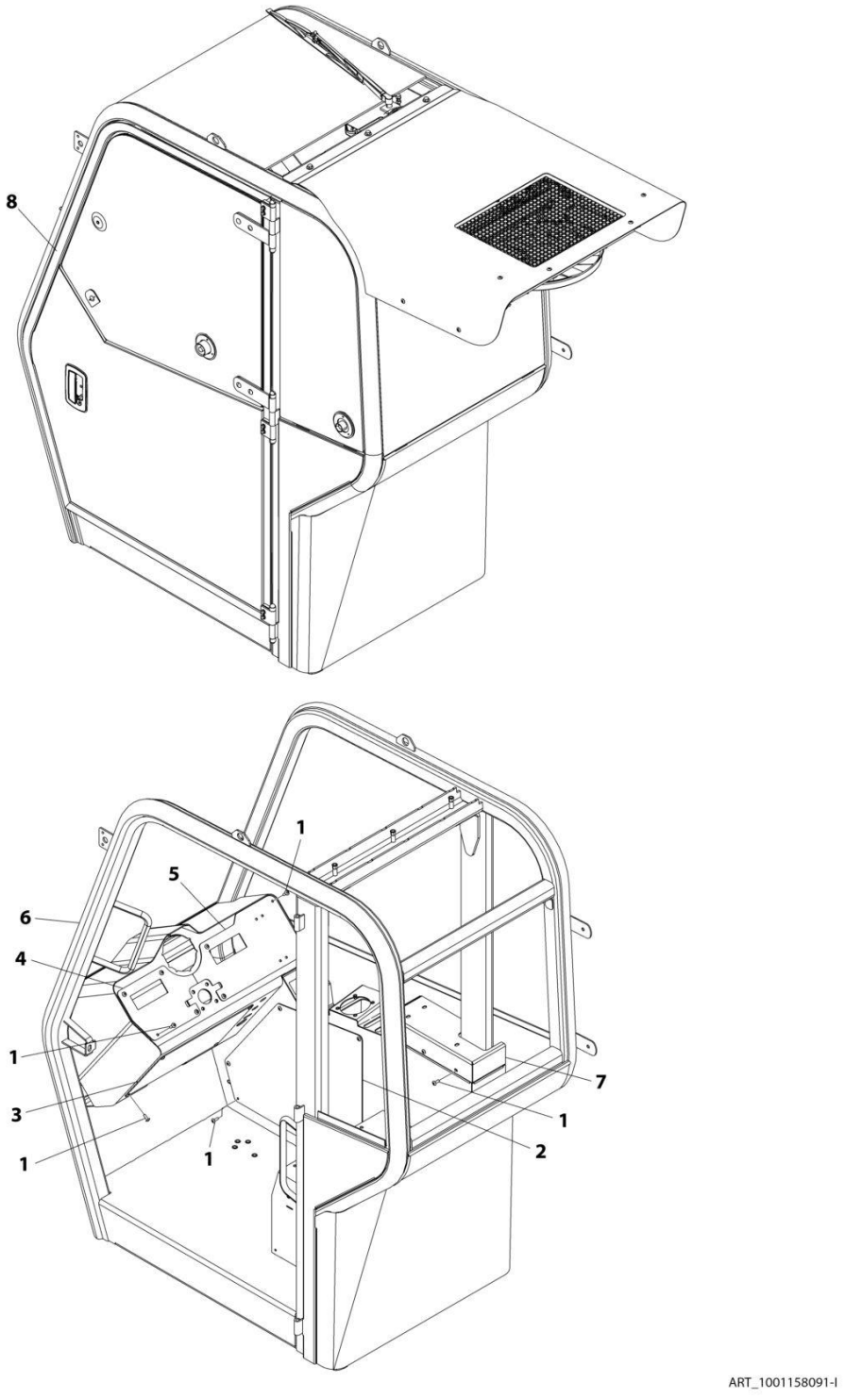


FIGURE 6-13. CAB ASSEMBLY - ENCLOSED WITH HEATER & AC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158091	Ref	Enclosed Cab with Heater/AC	I
1	8303034	22	Screw, 1/4-20X3/4	
2	1001160788	1	Panel, RH Console Access Plate	
3	1001160789	1	Panel, Brake Access Plate	
4	1001160790	1	Panel, LH Dash Cover	
5	1001160791	1	Panel, RH Dash Cover	
6	1001165583	1	Weldment, Cab	
7	1001165617	1	Assembly, Side Console Access Panel	
8	1001168066	1	Enclosure, Cab HVAC (See CAB HVAC ENCLOSURE for Breakdown)	

FIGURE 6-14. CAB ENCLOSURE WITH HEATER & AC

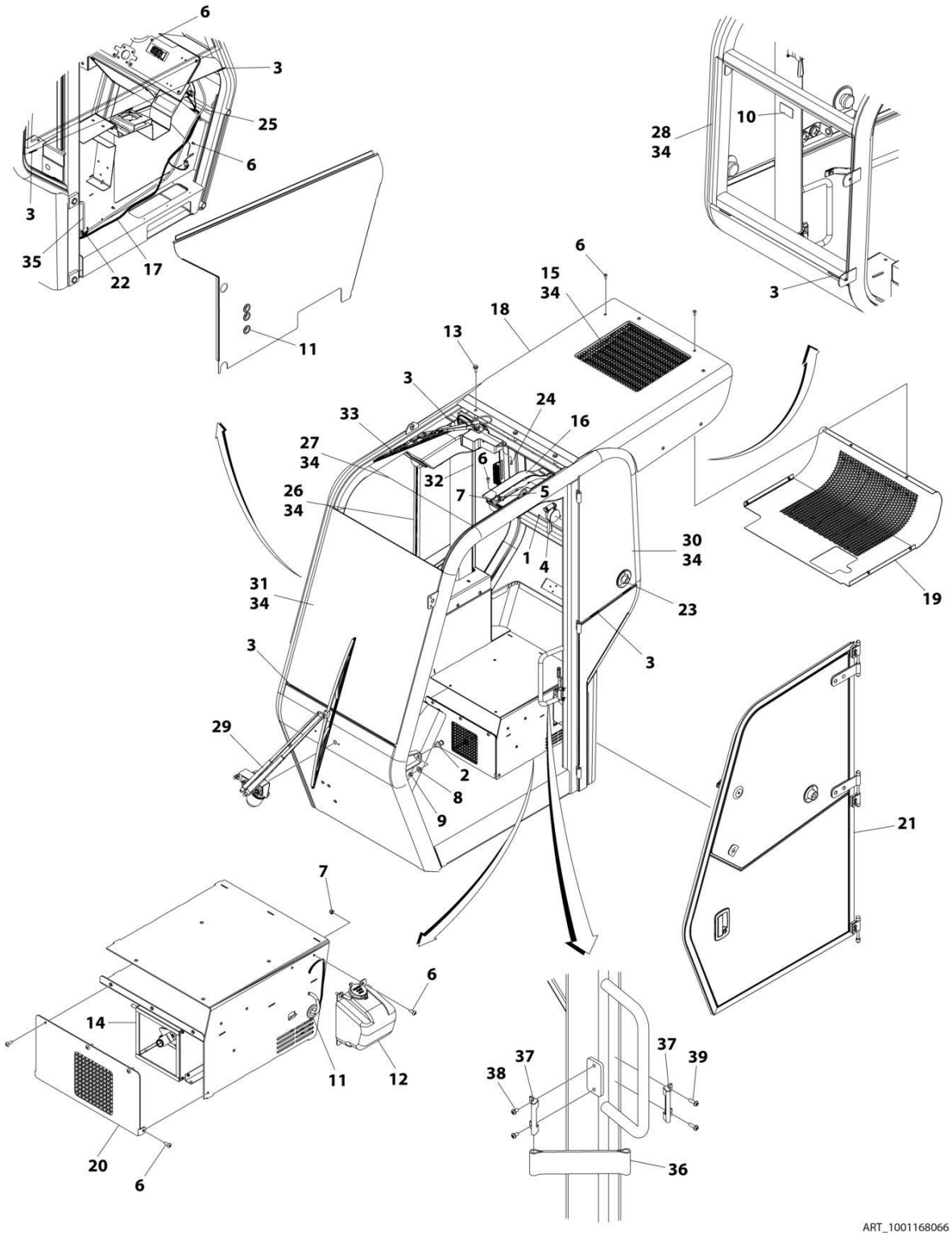


FIGURE 6-14. CAB ENCLOSURE WITH HEATER & AC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168066	Ref	CAB HVAC ENCLOSURE	O
1	91404298	3	Rivet	
2	1001109478	1	Latch, Striker	
3	1001181968	13	Mould, Setting Block	
4	91404301	1	Hammer, Emergency	
5	4711400	2	Washer 1/4	
6	8303034	35	Screw 1/4 x 3/4	
7	8305624	4	Nut 1/4	
8	8307112	1	Washer 1/2	
9	8310109	1	Nut 7/16	
10	91404299	1	Decal, Escape	
11	1001081049	4	Grommet, Split	
12	1001111112	1	Tank, Window Washer Fluid	
12	70025480	1	Pump, Reservoir	
13	1001149227	3	Screw 5/16 x 1	
14	1001159856	1	Heater, Floor (See Separate Breakdown in this Section)	
15	1001159861	1	Box, Roof (See Separate Breakdown in this Section)	
16	1001160785	2	Duct, HVAC	
17	1001178349	1	Harness, Wiper (See Separate Breakdown in ELECTRICAL Section)	
18	1001164096	1	Hood, Top	
19	1001164099	1	Hood, Bottom	
20	1001164717	1	Panel, Floor Heater Access	
21	1001165806	1	Door, Cab (See Separate Breakdown in this Section)	
22	1001008742	1	Coupling, Tee	
23	1001081243	1	Retainer, Door Window Hold	
24	0630464	1	Screw #10 x 1/2	
25	82033997	168 in	Hose, Washer Fluid	
26	8036050	1	Window, RH Slider (See Separate Breakdown in this Section)	
27	7138958	1	Glass, Skylight	
28	1001181707	1	Window, Rear	
29	8036056	1	Assembly, Front Wiper (See Separate Breakdown in this Section)	
30	1001181893	1	Window, LH Rear	
31	1001181903	1	Window, Windshield	
32	1001182091	1	Duct, Wire	
33	1001182470	1	Wiper, Skylight (See Separate Breakdown in this Section)	
34	1001177746	AR	Compound, Locking	
35	4060803	16.5 in	Flex-Trim	
36	80384218	1	Strap, Door	
37	1001196128	2	Bracket, strap Holder	
38	1001197098	2	Screw #10 x 3/8	
39	1001197099	2	Screw #10 x 5/8	

FIGURE 6-15. CAB DOOR ASSEMBLY

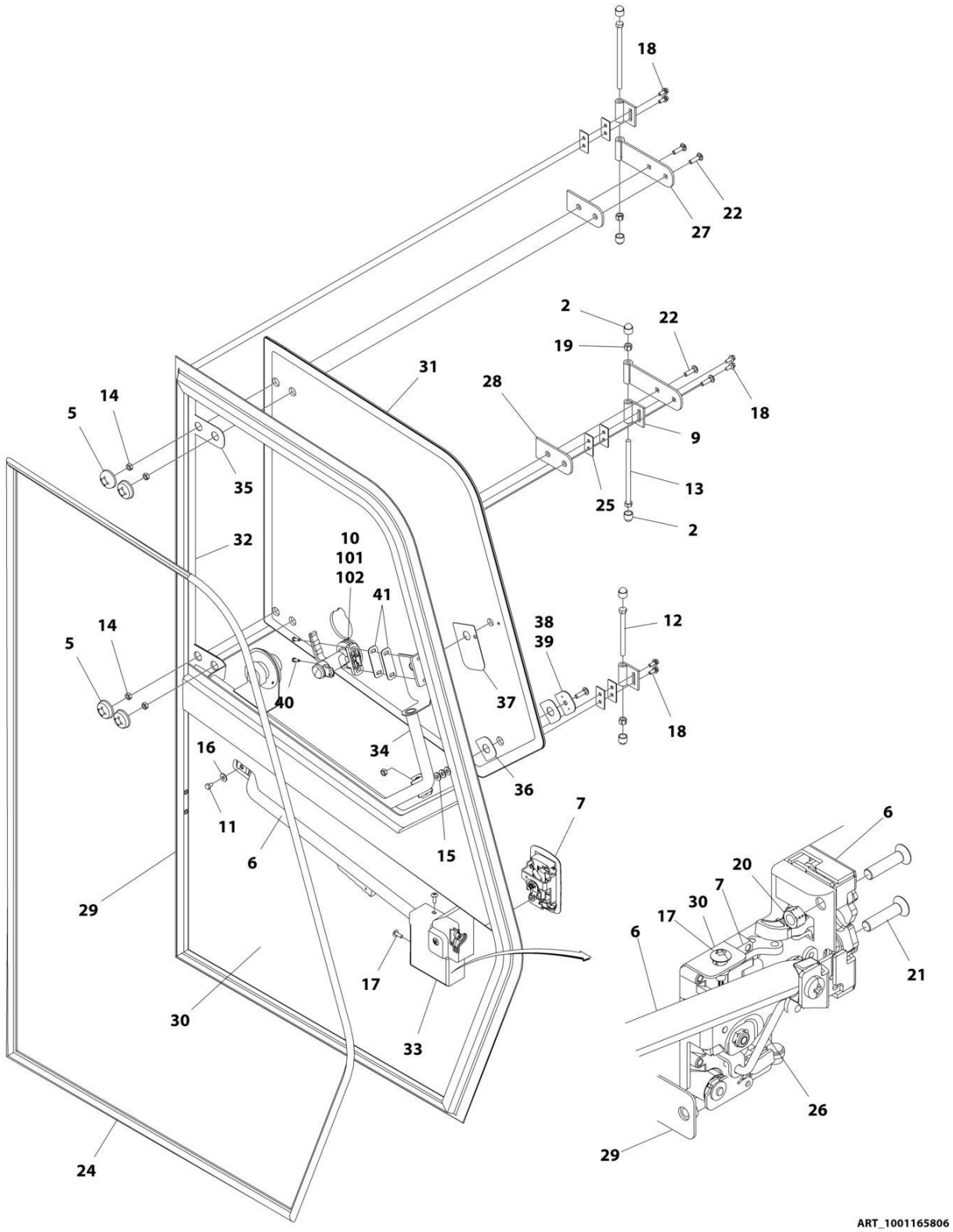


FIGURE 6-15. CAB DOOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165806	Ref	CAB DOOR	I
1	1001183104	2	Fastener, Latch	
2	1001182663	6	Cap, Hex Dome	
5	1001081246	5	Cap, Nut M6	
6	1001081247	1	Handle, Interior Cab Door	
7	1001081241	1	Handle, Exterior Cab Door	
7	70021948	1	Key, Cab Door	
9	1001183209	3	Hinge, Slotted	
10	1001220260	1	Handle, Window	
11	0641403	1	Bolt 1/4 x 3/8	
12	0641636	1	Bolt 3/8 x 4-1/2	
13	0641652	2	Bolt 3/8 x 6-1/2	
14	3290801	5	Nut M8	
15	4711500	3	Washer 5/16	
16	4751400	1	Washer 1/4	
17	8303034	2	Screw 1/4 x 3/4	
18	8303119	6	Screw 1/4 x 5/8	
19	8305603	3	Nut 3/8	
20	8305638	2	Nut M8	
21	1001094312	2	Screw M8 x 30	
22	1001108575	5	Screw M8 x 30	
24	1001182408	1	Seal, Door	
25	1001182135	6	Shim, Door Hinge	
26	1001182514	1	Linkage, Exterior Latch	
27	1001081242	2	Hinge, Door	
28	1001081266	2	Spacer, Hinge	
29	1001182842	1	Weldment, Door	
30	1001182800	1	Foam, Door	
31	1001182808	1	Glass, Door	
32	1001182810	1	Seal, Glass	
33	1001182865	1	Cover, Latch	
34	1001182871	1	Handle, Door Glass	
35	1001182882	2	Shim, Hinge	
36	1001182883	2	Shim, Handle	
37	1001182884	1	Shim, Handle Latch	
38	1001183084	1	Plate, Window	
39	1001177746	1	Compound, Locking	
40	1001197099	2	Screw 1/4 x 5/8	
41	1001265272	AR	Shim	
101	1001165276	1	Striker Plate	
102	1001165275	1	Window Latch	
103	1001169787	1	Latch Seal (not shown)	
201	1001280231	1	Door Window Kit (Includes Items 5, 10, 14, 15, 22, 27, 28, 31, 32, 34-41 & Window Lock)	

FIGURE 6-16. CAB MOUNTING HARDWARE INSTALLATION

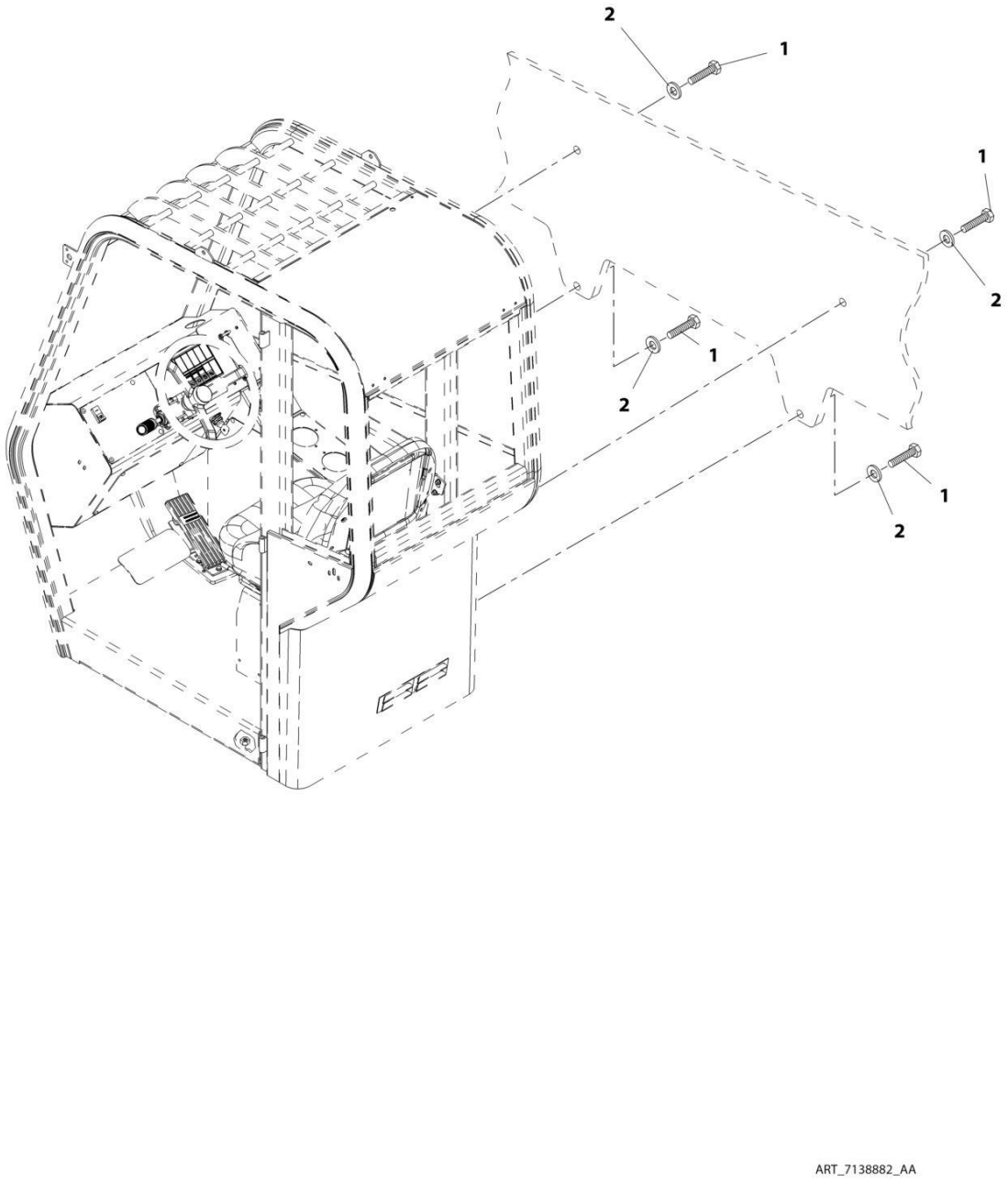


FIGURE 6-16. CAB MOUNTING HARDWARE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7138882	Ref	Cab Installation	AA
1	8310493	4	Bolt, 7/8-9X5-1/2, Grade 8	
2	8307011	4	Washer, Lock 7/8	

FIGURE 6-17. CAB HEATER LINES INSTALLATION - HEATER & AC

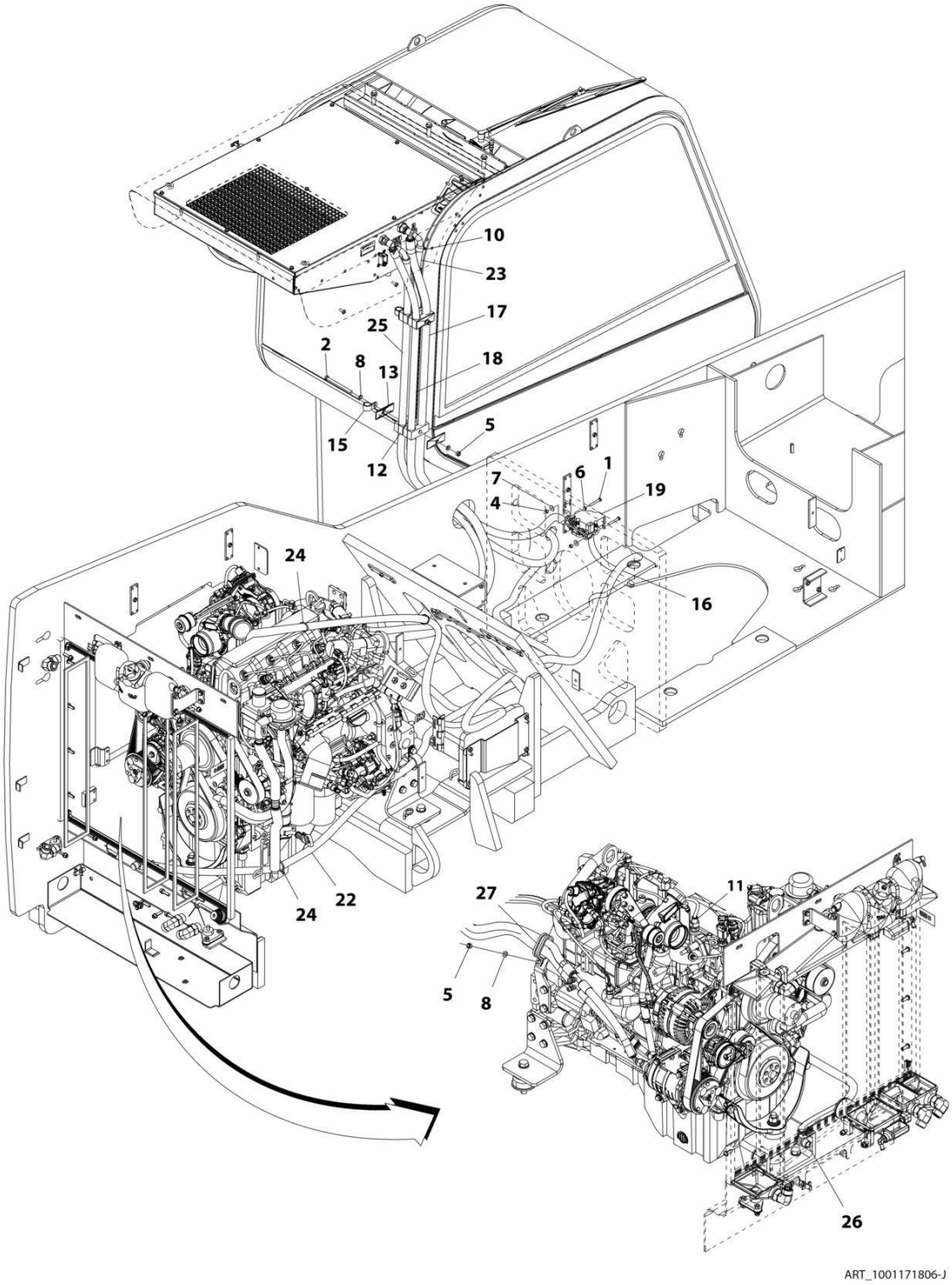


FIGURE 6-17. CAB HEATER LINES INSTALLATION - HEATER & AC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171806	Ref	Cab Heater/AC Lines Installation	J
1	0700617	2	Bolt, M6X45	
2	0700828	2	Bolt, M8X110	
4	3290605	2	Nut, Lock M6X1	
5	3290805	3	Nut, Lock M8X1-1/4	
6	4811700	2	Washer, M6	
7	4811702	2	Washer, M6	
8	4811900	5	Washer, M8	
10	8405007	8	Clamp, Gear	
11	8430048	2	Reducer, Hose Barb	
12	77133133	4	Clamp, Twin	
13	77133134	4	Clamp, Cover Plate	
15	91043147	2	Clamp, Support	
16	1001158404	1	Hose, Cab Heater	
17	1001182798	1	Hose, A/C Compressor Suction	
18	1001182723	1	Hose, A/C Compressor Discharge	
19	1001159844	1	Valve, Heater (See Separate Breakdown in this section)	
22	1001172537	1	Hose, Heater Return	
23	1001172561	1	Hose, Heater Send Valve to Roof	
24	8584001	4	Wrap, Tie	
25	1001173217	1	Hose, Heater Roof to Floor	
26	1001179229	1	Fitting, 45	
27	1001164196	1	Clamp	

FIGURE 6-18. CAB HEATER LINES INSTALLATION - HEATER ONLY

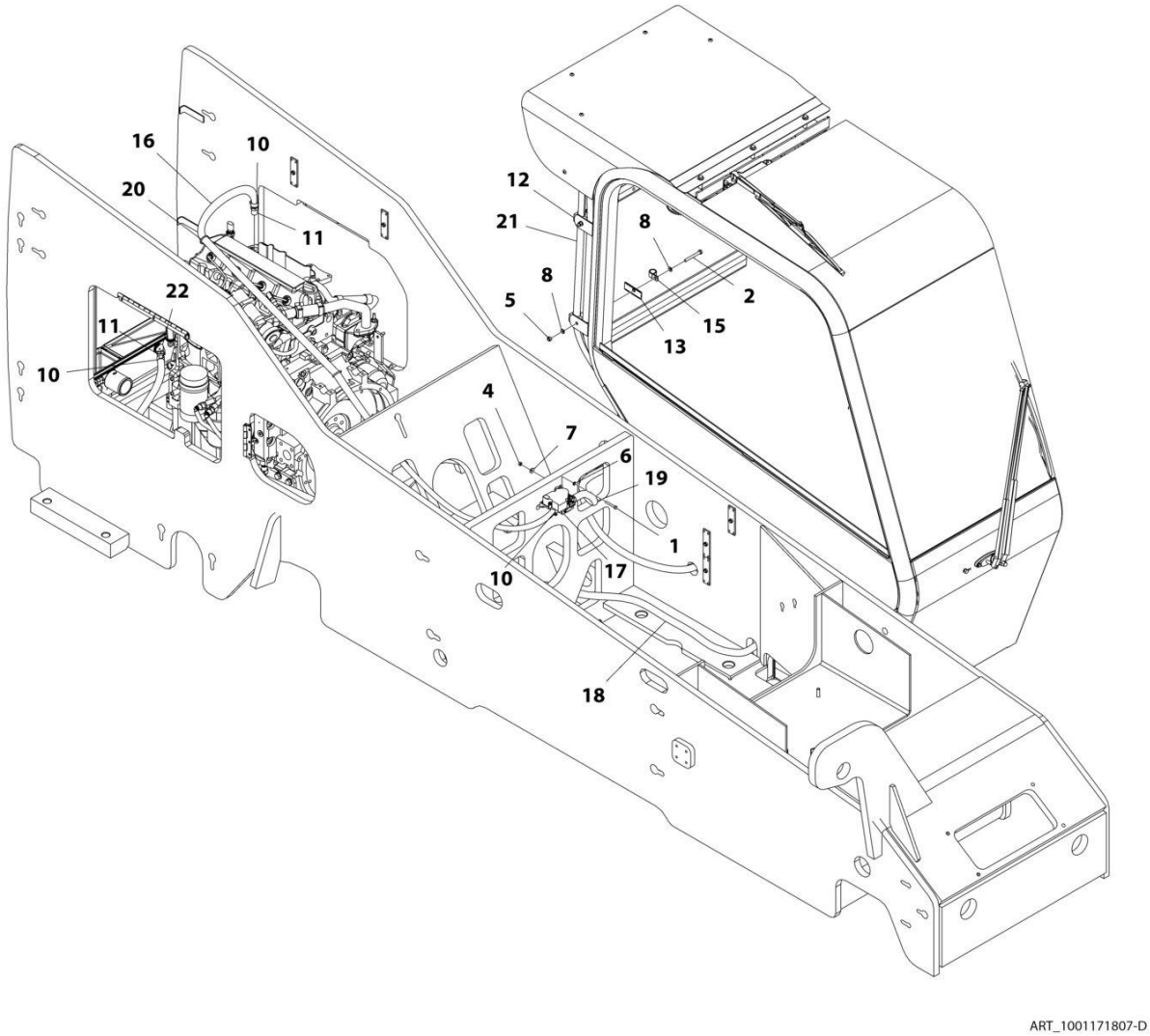


FIGURE 6-18. CAB HEATER LINES INSTALLATION - HEATER ONLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171807	Ref	Cab Heater Lines Installation	G
1	0700617	2	Bolt, M6X45	
2	0700822	2	Bolt, M8X70	
4	3290605	2	Nut, Lock M6X1	
5	3290805	2	Nut, Lock M8X1-1/4	
6	4811700	2	Washer, M6	
7	4811702	2	Washer, M6	
8	4811900	4	Washer, M8	
10	8405007	8	Clamp, Gear	
11	8430048	2	Reducer, Hose Barb	
12	77133133	2	Clamp, Twin	
13	77133134	2	Clamp, Cover Plate	
15	91043147	2	Clamp, Support	
16	1001158404	1	Hose, Cab Heater	
17	1001159844	1	Valve, Heater (See Separate Breakdown in this section)	
18	1001172537	1	Hose, Heater Return	
19	1001172561	1	Hose, Heater Send Valve to Roof	
20	8584001	4	Wrap, Tie	
21	1001173217	1	Hose, Heater Roof to Floor	
22	1001179229	1	Fitting, 45	

FIGURE 6-19. CAB SEAT (ORANGE SEAT BELT)

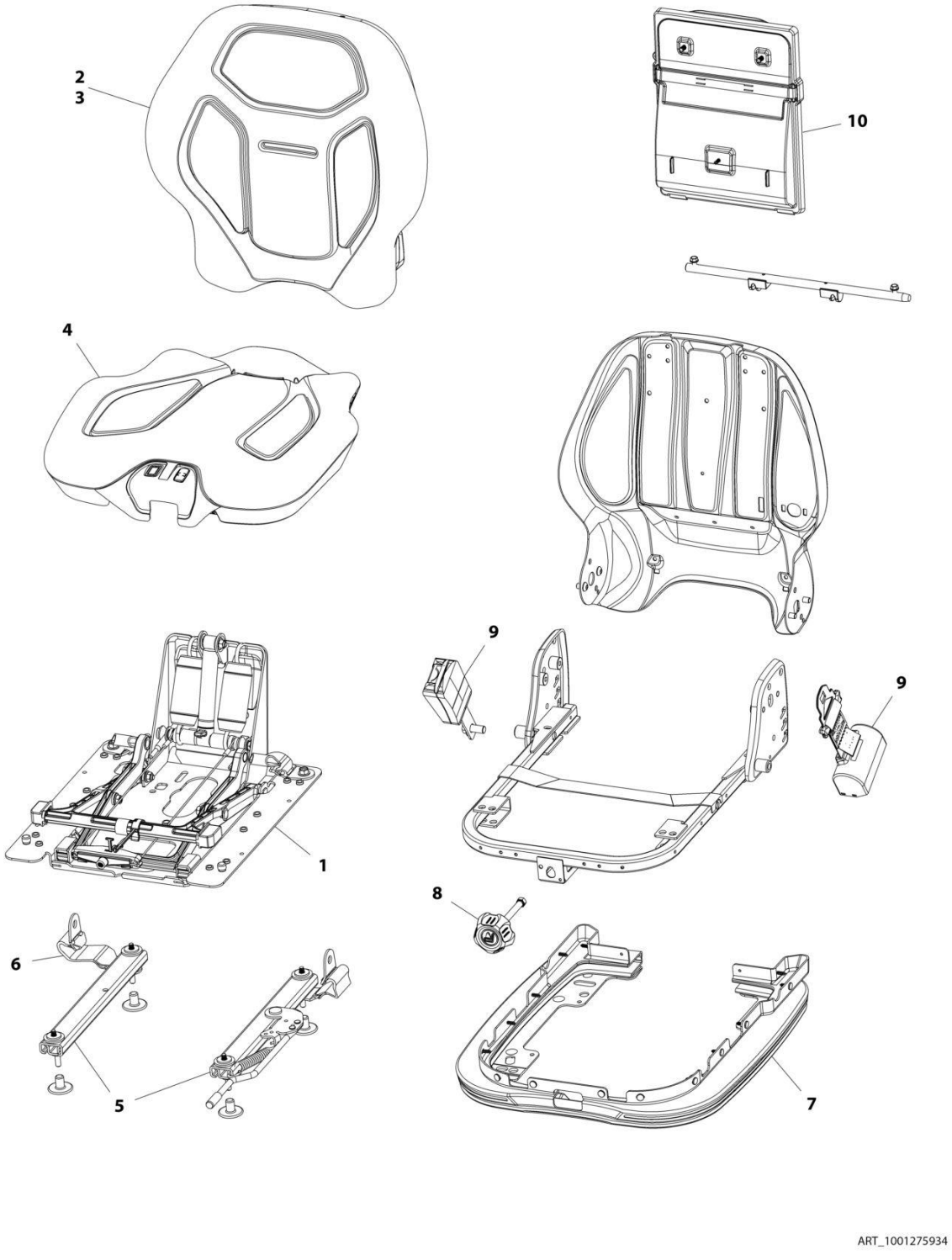


FIGURE 6-19. CAB SEAT (ORANGE SEAT BELT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275934	Ref	SEAT INSTALLATION	B
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 6-20. SEAT ASSEMBLY - VINYL

FIGURE 6-20. 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 6-21. HEATER ASSEMBLY - FLOOR

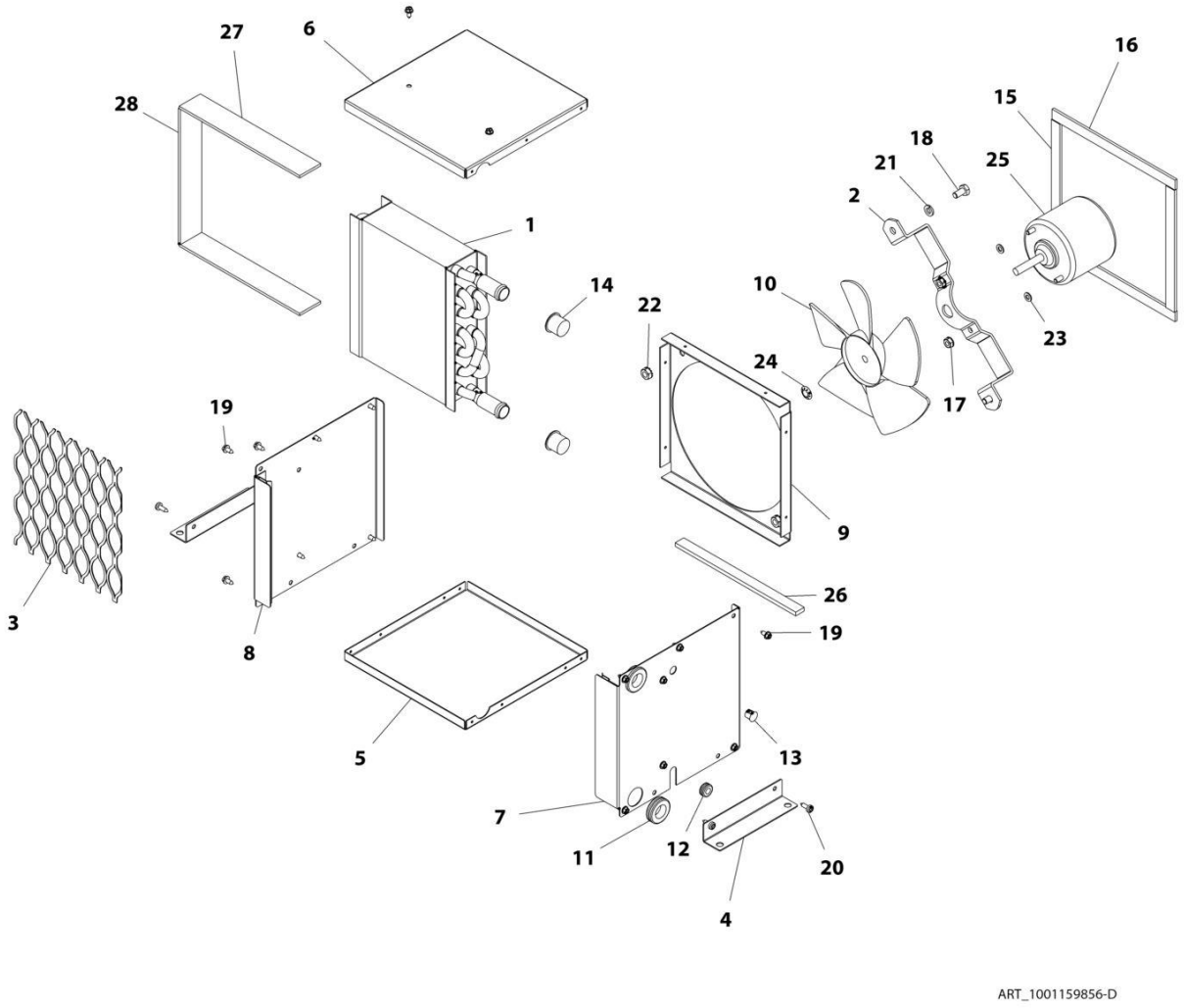


FIGURE 6-21. HEATER ASSEMBLY - FLOOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001159856	Ref	Floor Heater	D
1	70026100	1	Coil, Heater	
2	70026101	1	Bracket, Motor	
3	70026102	1	Protector, Coil	
4	70026103	2	Bracket, Mounting	
5	70026104	1	Casing, Bottom	
6	70026105	1	Casing, Top	
7	70026106	1	Casing, RH Side	
8	70026107	1	Casing, LH Side	
9	70026108	1	Mount, Fan	
10	70026109	1	Fan	
11	70026110	2	Grommet	
12	70026111	1	Grommet, 3/8	
13	70026112	1	Plug, Hole 3/8	
14	70026113	2	Plug, 3/8	
15	70026114	2	Foam, 1/4X158	
16	70026114	2	Foam, 1/4X184	
17	70026115	2	Nut, 10-32	
18	70026116	2	Screw, 1/4-20X1/2	
19	70026117	16	Screw, 8X3/8	
20	70024855	4	Screw, Tap 8X1/2	
21	70026118	2	Lockwasher, 1/4	
22	70026119	2	Nut, Kep 1/4-20	
23	70026120	2	Washer, M5	
24	70026121	1	Retainer	
25	70026122	1	Motor Assembly, 12V	
26	70026123	1	Foam, 3/16X180	
27	70026124	2	Foam, 1/4X180	
28	70026124	1	Foam, 1/4X175	

FIGURE 6-22. HEATER BOX ASSEMBLY - HEATER & AC

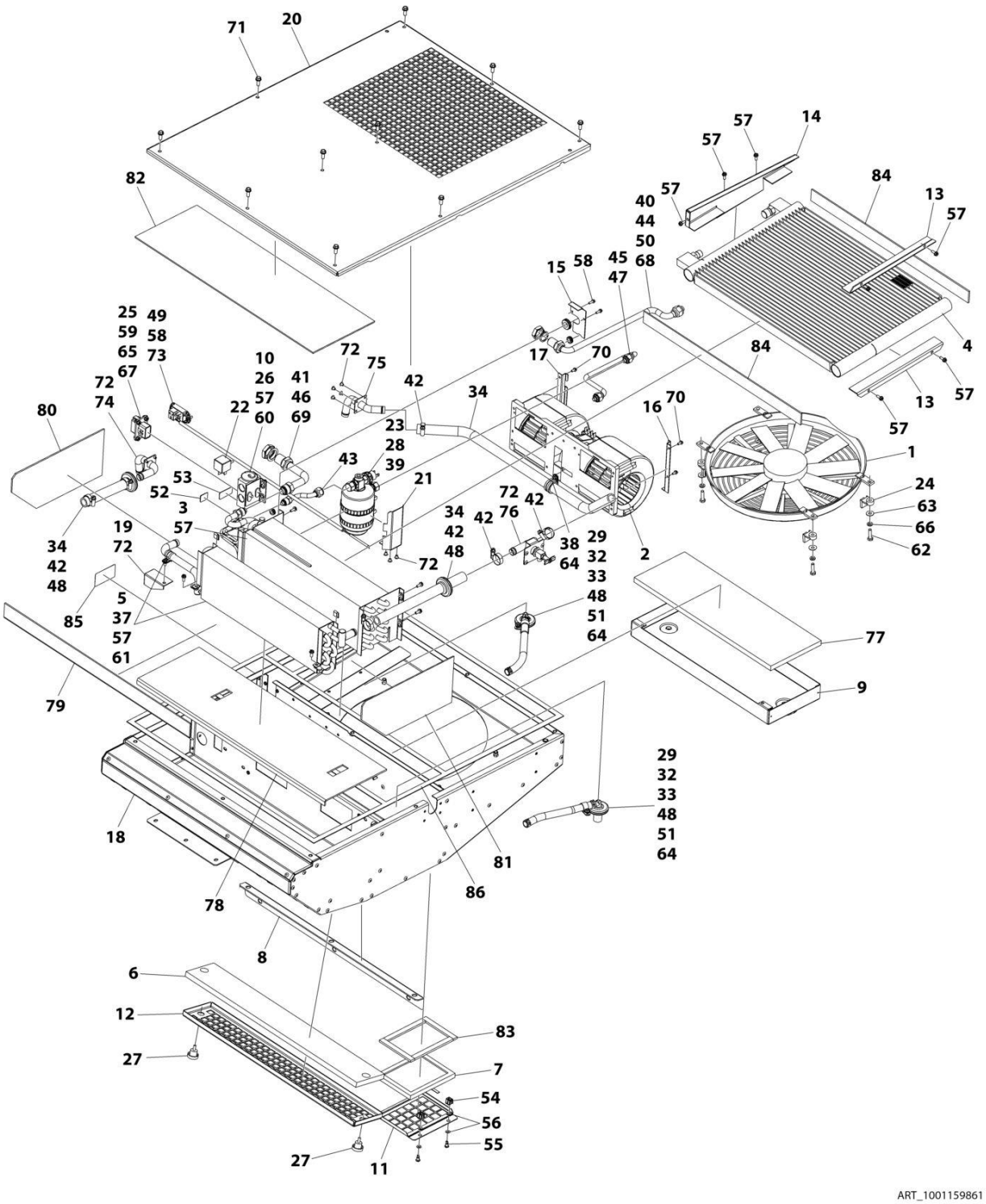


FIGURE 6-22. HEATER BOX ASSEMBLY - HEATER & AC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001159861	Ref	ROOF BOX HVAC	B
1	70026945	1	Assembly, Fan	
2	70026978	1	Blower	
3	70026979	1	Coil, Evaporator	
4	70026980	1	Condenser	
5	70026981	1	Coil, Heater	
6	70026982	1	Filter, Air	
7	70026983	1	Filter, Air	
8	70030281	1	Bracket	
9	70029822	1	Pan, Drain	
10	NPN	1	Bracket	
11	70029823	1	Cover	
12	70029824	1	Cover	
13	NPN	2	Rail, Condenser	
14	NPN	1	Bracket, Condenser	
15	70031394	1	Bracket	
16	70029827	1	Bracket, Blower	
17	70029828	1	Bracket, Blower	
18	NPN	1	Housing	
19	70029829	1	Bracket	
20	70031395	1	Cover	
21	70031396	1	Bracket	
22	70026986	1	Relay	
23	70026854	1	Sensor, Pressure	
24	70029981	4	Mount, Fan	
25	70031397	1	Harness, Wiring	
26	70020876	1	Valve, Block	
27	8036726	2	Knob	
28	70026984	1	Drier, Receiver	
29	7029412	AR	Hose	
32	7029413	2	Fitting, 90	
33	7029415	4	Clamp	
34	70031398	AR	Hose	
37	70026987	1	Clamp	
38	70026988	1	Clamp	
39	70026989	2	Clamp	
40	70031402	1	Nut #8	
41	70031403	1	Nut #10	
42	70026990	6	Clamp	
43	70028782	1	Tube	
44	70028781	1	Tube	
45	70028780	1	Tube	
46	70028779	1	Tube	
47	70031404	1	Grommet	
48	70031405	4	Grommet	
49	70026111	1	Grommet	
50	70031406	1	Grommet	
51	NPN	2	Clamp	
52	70029832	1	Cover, In	
53	70029833	1	Cover, Out	

SECTION 6 - CAB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
54	70029834	2	Connector	
55	70029835	2	Screw	
56	70029836	4	Washer	
57	NPN	16	Bolt #10 x 1/2	
58	NPN	5	Bolt #8 x 1/2	
59	NPN	8	Washer #8	
60	NPN	2	Bolt 1/4 x 1-1/2	
61	70029837	2	Clip	
62	NPN	4	Bolt 1/4 x 1	
63	NPN	6	Washer 1/4	
64	NPN	3	Nut #10	
65	NPN	4	Nut #8	
66	70029984	4	Washer 1/4	
67	NPN	4	Bolt #8 x 1/2	
68	70031413	1	Washer	
69	70031414	1	Washer	
70	NPN	5	Bolt #8 x 3/8	
71	NPN	10	Bolt 1/4 x 5/8	
72	NPN	17	Rivet	
73	70026985	1	Thermostat	
74	70029838	1	Tube	
75	70029839	1	Tube	
76	70026991	1	Valve, Bleeder	
77	70029840	1	Foam	
78	70029841	1	Foam	
79	70031420	1	Foam	
80	70031421	1	Foam	
81	70031422	1	Foam	
82	70029842	1	Foam	
83	70026123	1	Insulation	
84	70026124	2	Foam	
85	NPN	1	Decal	
86	70029843	1	Foam	

FIGURE 6-23. HEATER BOX ASSEMBLY - HEATER ONLY

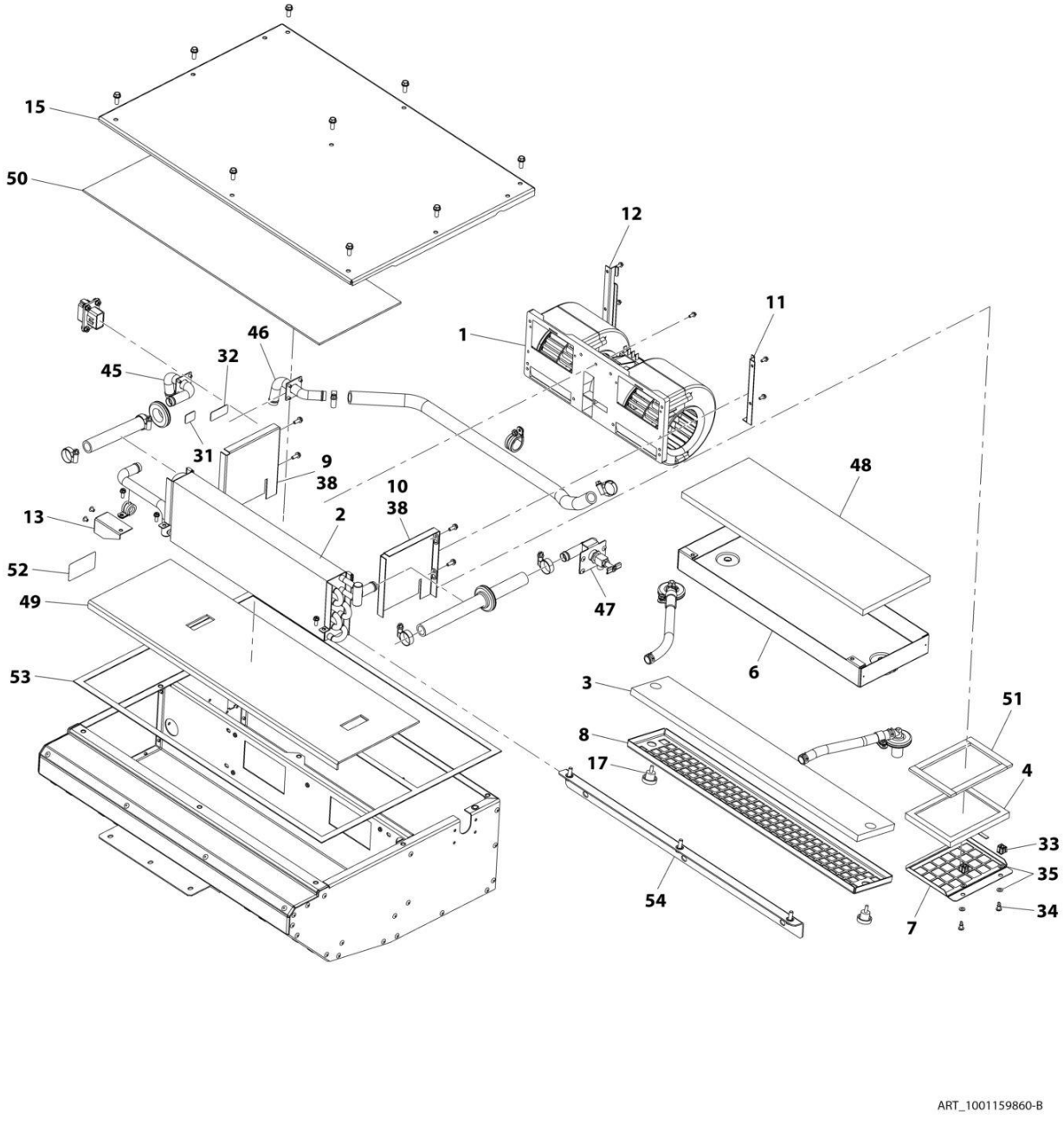


FIGURE 6-23. HEATER BOX ASSEMBLY - HEATER ONLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001159860	Ref	Roof Heater Box	B
1	70026978	1	Blower, 12V	
2	70026981	1	Heater Coil	
3	70026982	1	Air Filter	
4	70026983	1	Air Filter	
6	70029822	1	Drain Pan	
7	70029823	1	Cover, Air Filter	
8	70029824	1	Cover, Air Filter	
9	70029825	1	Bracket, Coil (R)	
10	70029826	1	Bracket, Coil (L)	
11	70029827	1	Bracket, Blower	
12	70029828	1	Bracket, Blower	
13	70029829	1	Support Bracket	
15	70029830	1	Cover	
16	70029831	1	Harness (not shown)	
17	8036726	2	Knob	
31	70029832	1	Overlay In	
32	70029833	1	Overlay Out	
33	70029834	2	Receptacle	
34	70029835	2	Stud, Oval Slotted	
35	70029836	4	Retainer	
38	70029837	2	Panel, Coil Clip	
45	70029838	1	Tube Assembly	
46	70029839	1	Tube Assembly	
47	70026991	1	Valve, Bleeder	
48	70029840	1	Foam	
49	70029841	1	Foam, Closed Cell	
50	70029842	1	Foam, Closed Cell	
51	70026123	1	Foam, 3/16X180	
52	See Note	1	Foam 456mm	
53	70029843	1	Foam, Closed Cell	
54	70029844	1	Bracket Assembly	

FIGURE 6-24. HEATER VALVE ASSEMBLY

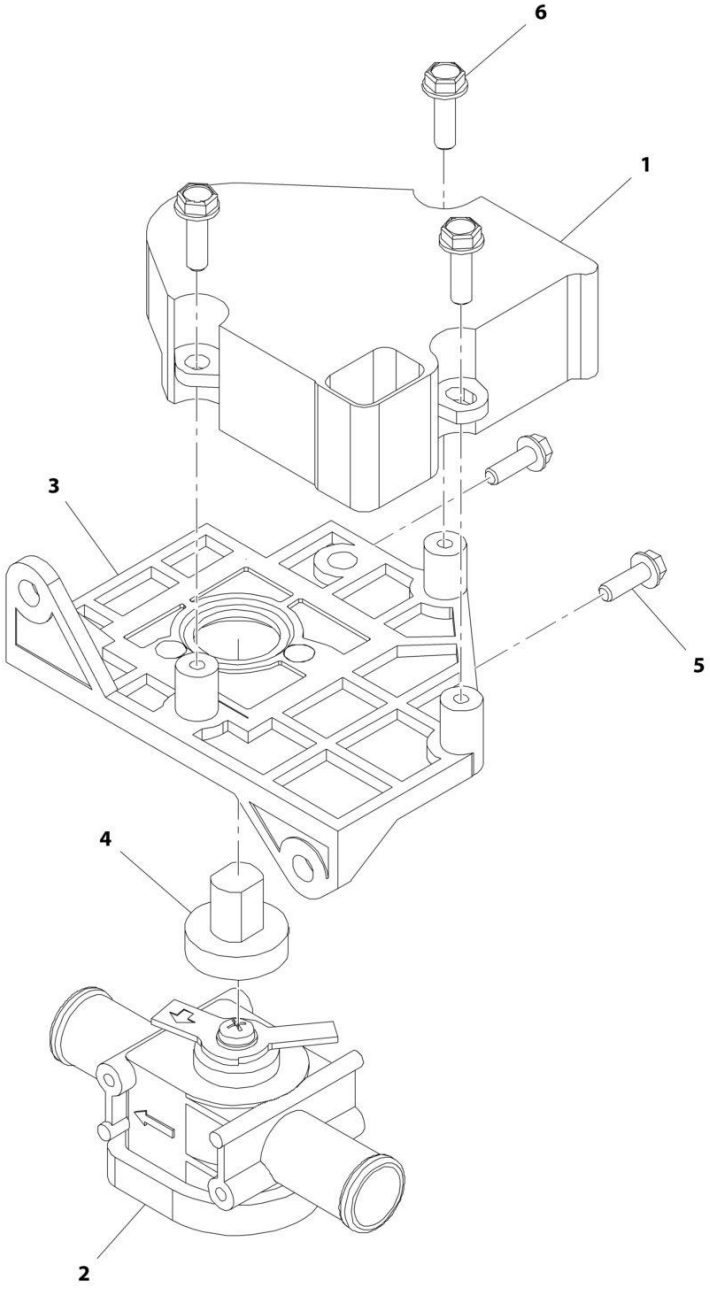


FIGURE 6-24. HEATER VALVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001159844	Ref	Heater Valve	C
1	70026088	1	Motor Actuator, 12V	
2	70026089	1	Assembly, Heater Valve	
3	70026090	1	Assembly, Valve Bracket	
4	70026091	1	Adapter, Shaft	
5	70026092	2	Screw, 8-18X1/2	
6	70026093	3	Screw, 10-16X5/8	

FIGURE 6-25. REAR WINDOW INSTALLATION (ANSI ENGLISH)

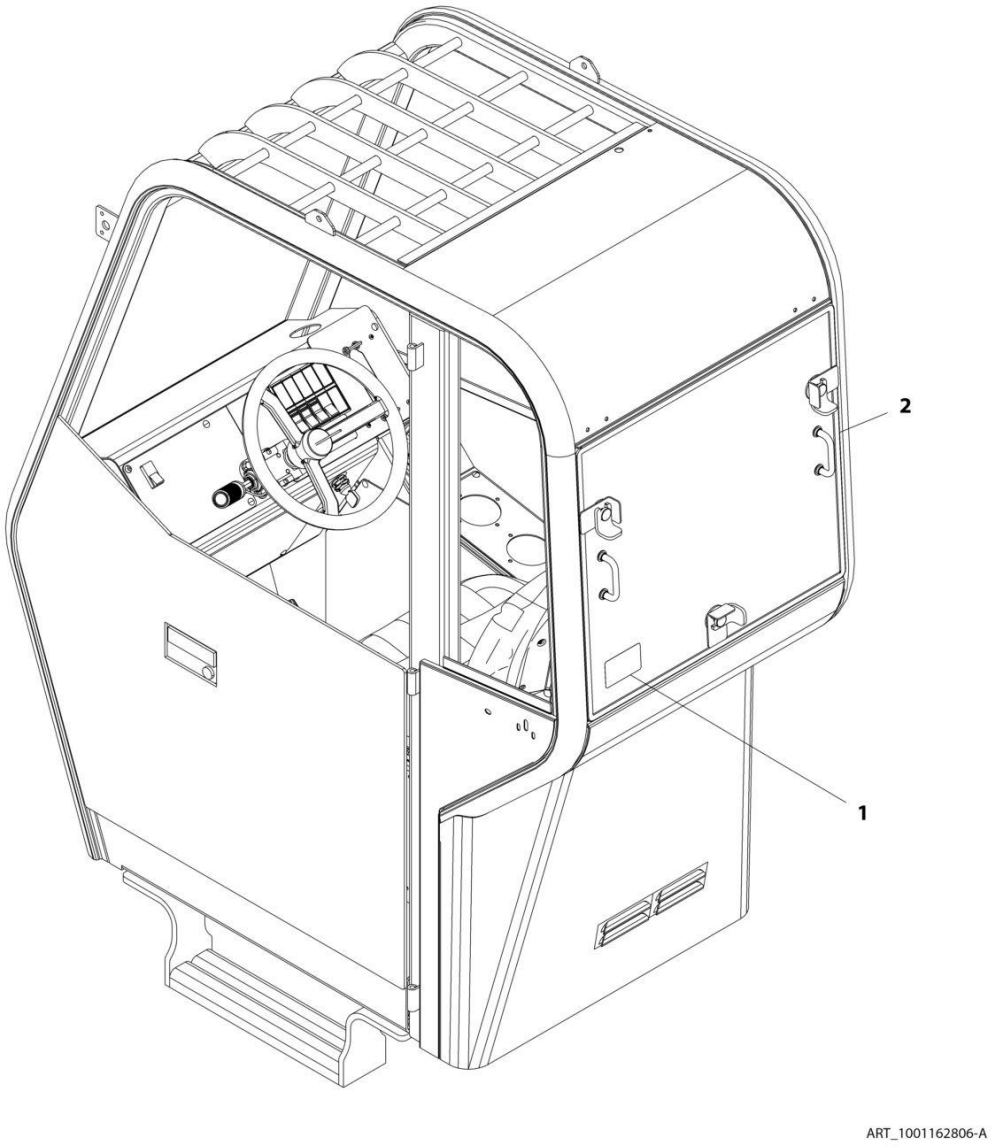


FIGURE 6-25. REAR WINDOW INSTALLATION (ANSI ENGLISH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162806	Ref	Rear Dropout Window Installation (ANSI)	A
1	1001160071	2	Decal, Rear Emergency Exit	
2	1001162804	1	Window, Rear Dropout	

FIGURE 6-26. REAR WINDOW INSTALLATION (ENGLISH/SPANISH)

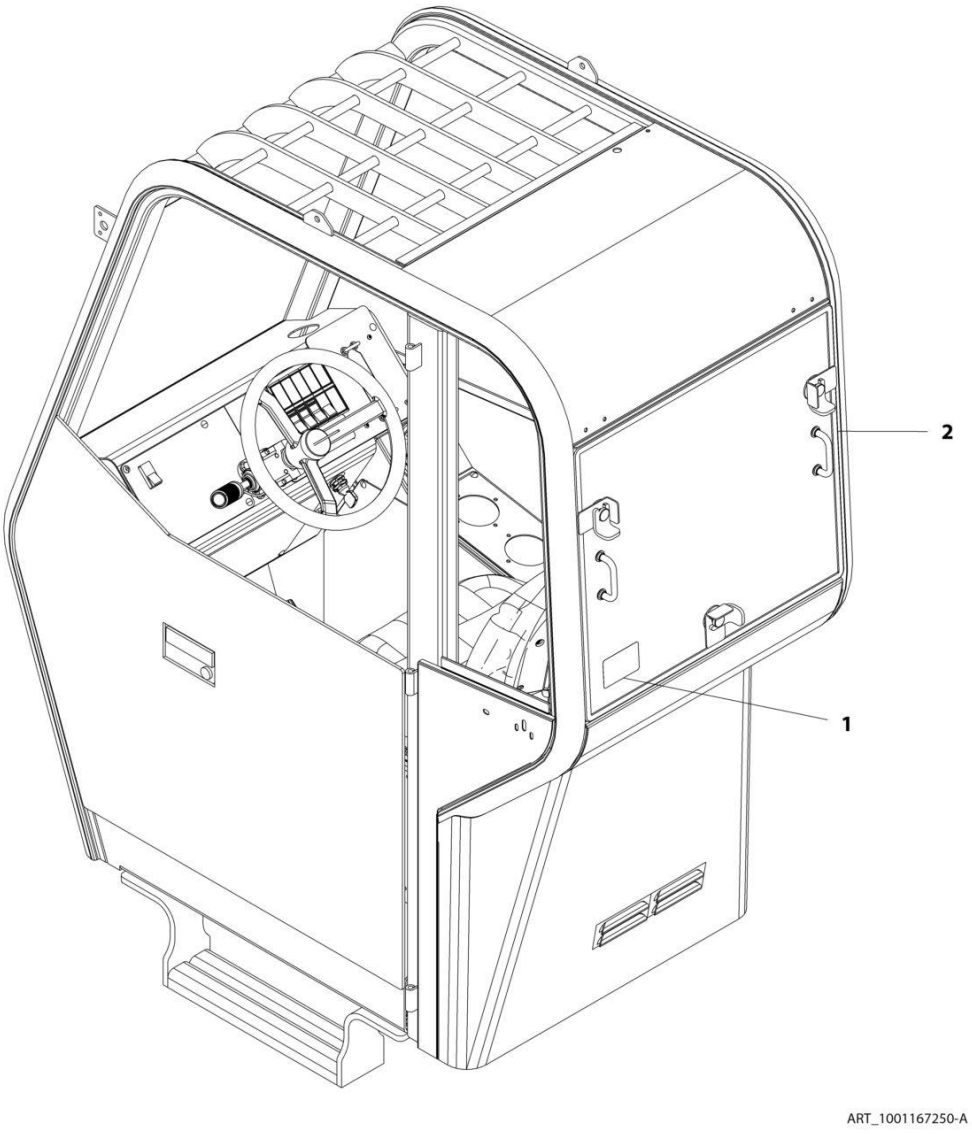


FIGURE 6-26. REAR WINDOW INSTALLATION (ENGLISH/SPANISH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167250	Ref	Rear Dropout Window Installation (ENGLISH/FRENCH)	A
1	1001160787	2	Decal, Rear Emergency Exit	
2	1001162804	1	Window, Rear Dropout	

FIGURE 6-27. REAR WINDOW INSTALLATION (ENGLISH/SPANISH)

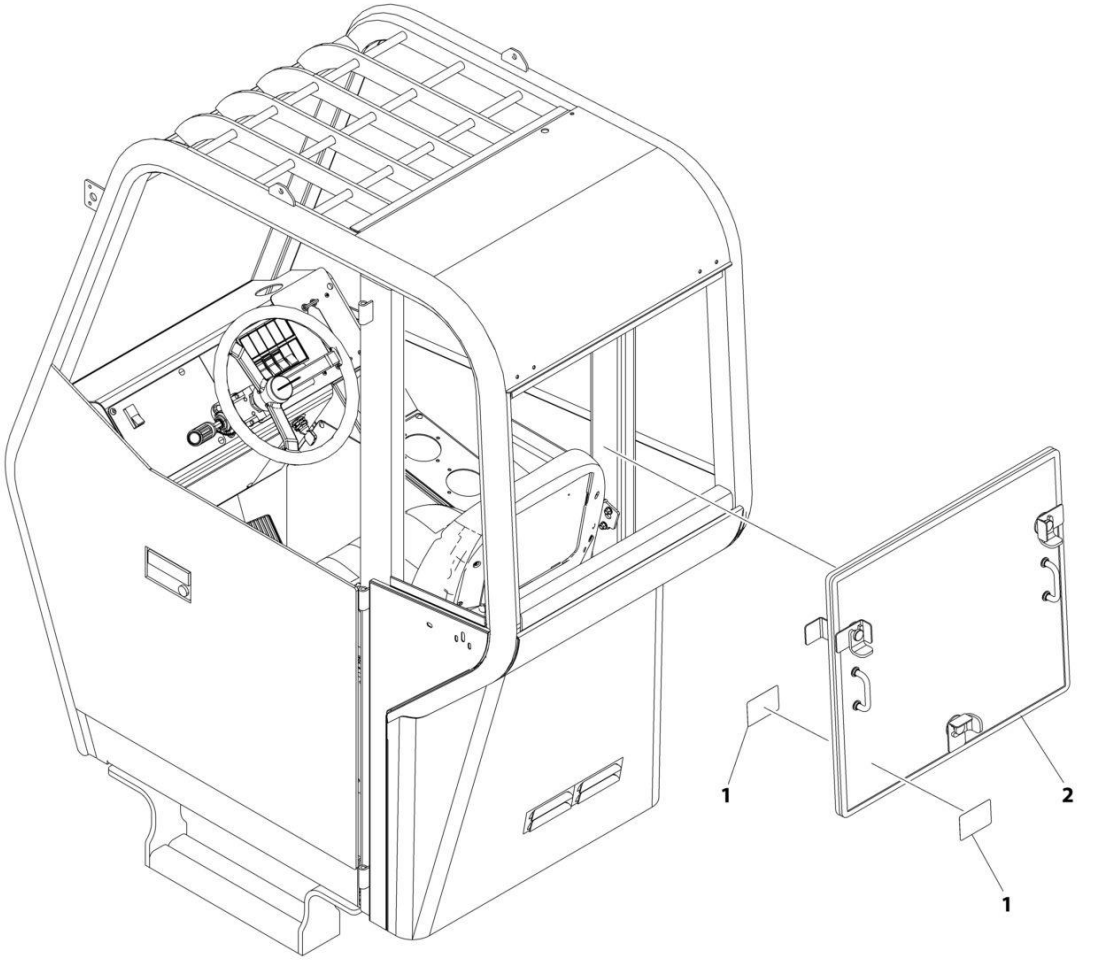


FIGURE 6-27. REAR WINDOW INSTALLATION (ENGLISH/SPANISH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242916	Ref	REAR WINDOW EXIT INSTALLATION (ENG/SP)	B
1	1001273850	2	Decal, Rear Window Entry/Exit	
2	1001162804	1	Window	

FIGURE 6-28. REAR WINDOW INSTALLATION (ISO)

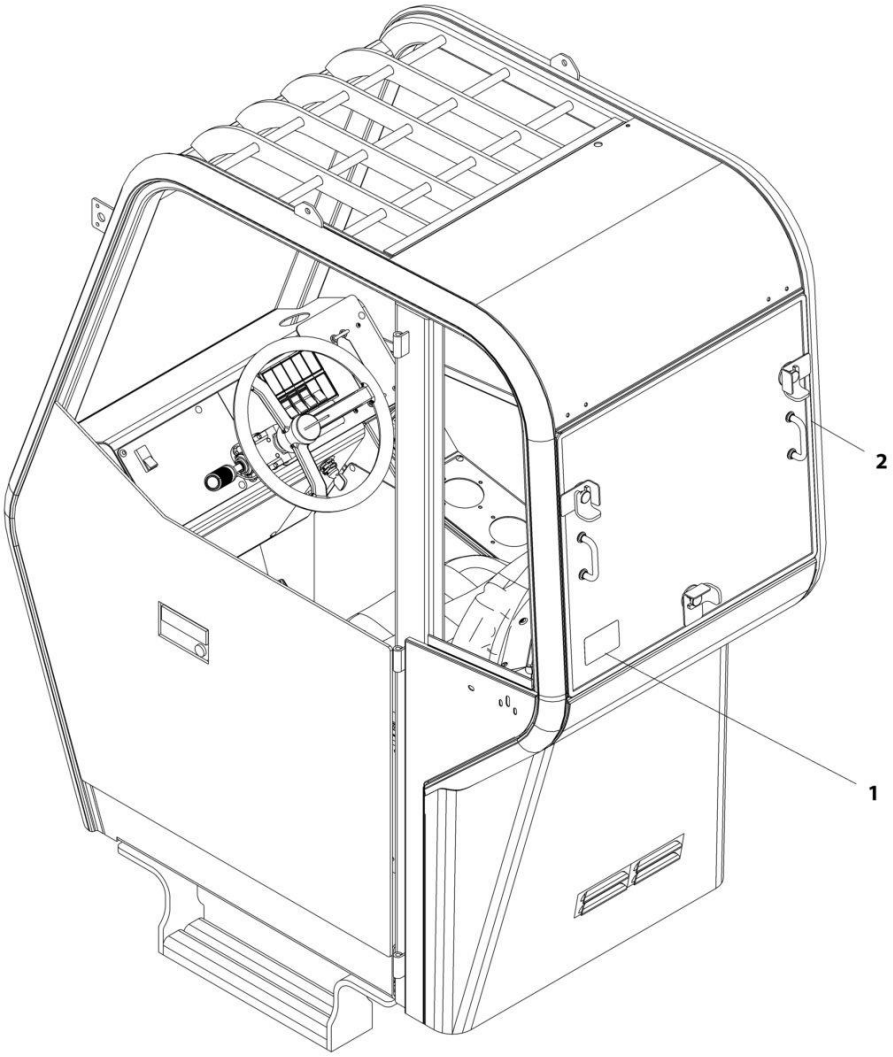


FIGURE 6-28. REAR WINDOW INSTALLATION (ISO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167251	Ref	Rear Dropout Window Installation (ISO)	A
1	1001160912	2	Decal, Rear Emergency Exit	
2	1001162804	1	Window, Rear Dropout	

FIGURE 6-29. SEAT BELT INSTALLATION (CALIFORNIA)

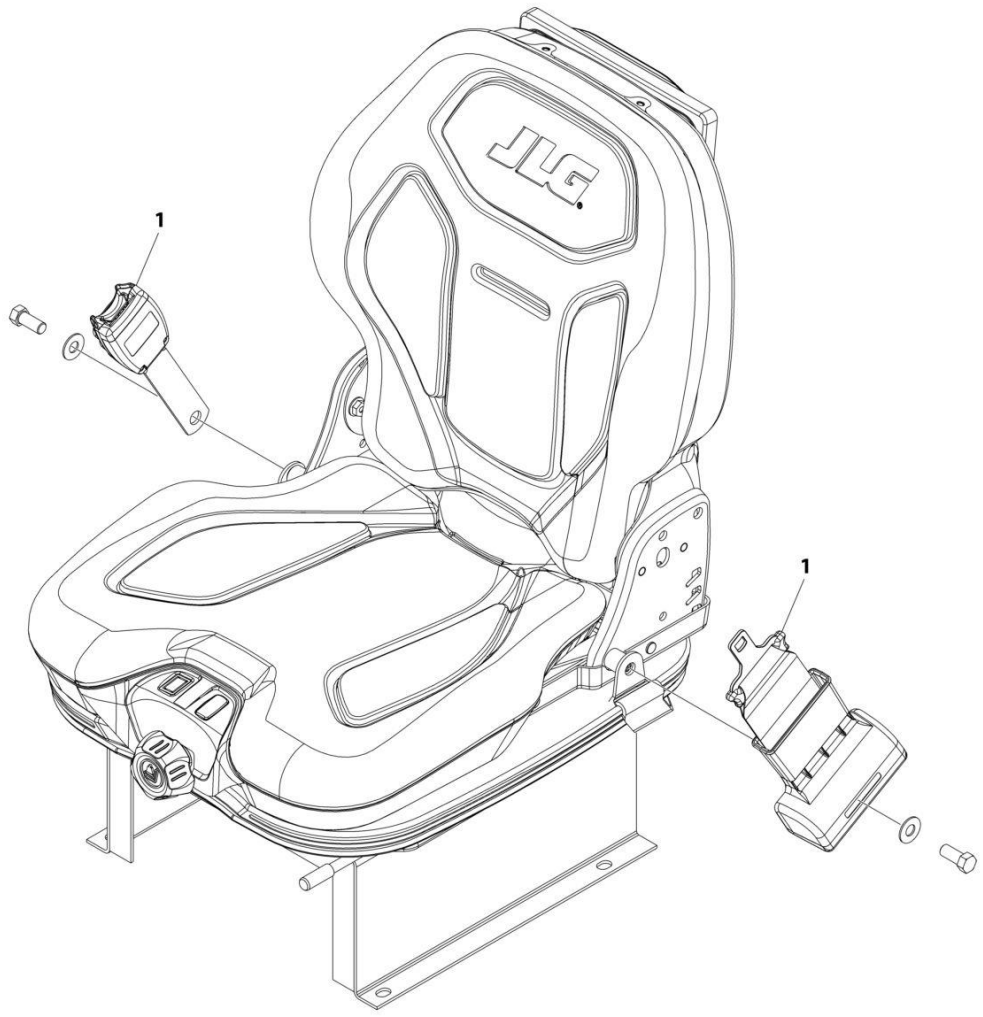


FIGURE 6-29. SEAT BELT INSTALLATION (CALIFORNIA)

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 6-30. SLIDER WINDOW ASSEMBLY (RH)

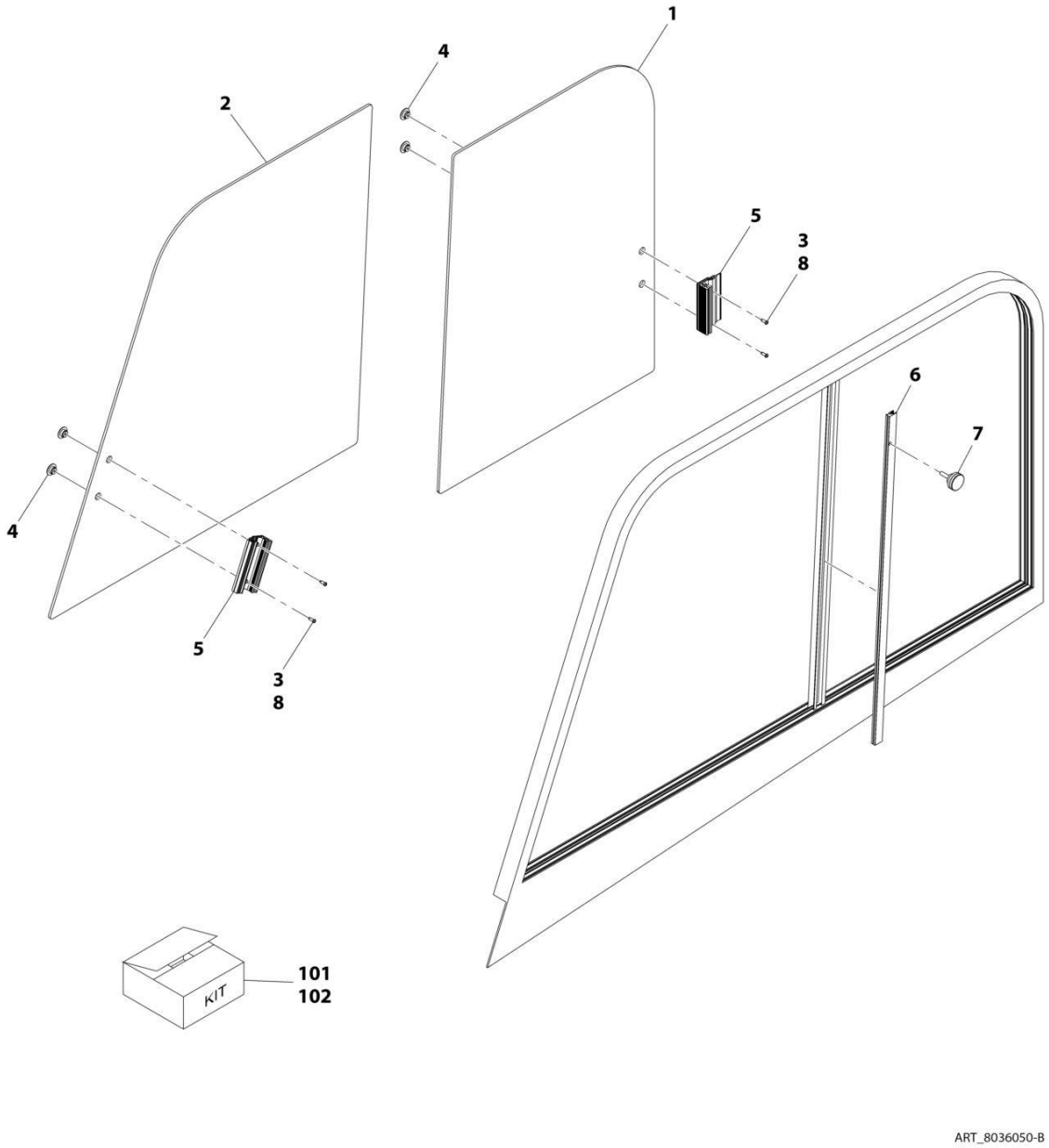


FIGURE 6-30. SLIDER WINDOW ASSEMBLY (RH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8036050	Ref	RH Slider Window	B
1	8036197	1	Glass, Rear Slide	
2	8036196	1	Glass, Front Slide	
3	Kit	NSS	Capscrew (Use Item 101)	
4	Kit	NSS	Spacer (Use Item 101)	
5	Kit	NSS	Latch (Use Item 101)	
6	Kit	NSS	Block, Lock (Use Item 102)	
7	Kit	NSS	Assembly, Knob (Use Item 102)	
8	8035523	AR	Compound, Locking	
101	80384445	1	Latch Assembly Kit (with Latch & Slider - Worthington Windows) (includes items 3 thru 5)	
101	8036199	1	Latch Assembly Kit (withTwo Latches - Young Windows) (includes items 3 thru 5)	
102	8036198	1	Friction Lock Assembly Kit (includes items 6 & 7)	

FIGURE 6-31. SKYTRAK FIRE EXTINGUISHER INSTALLATION

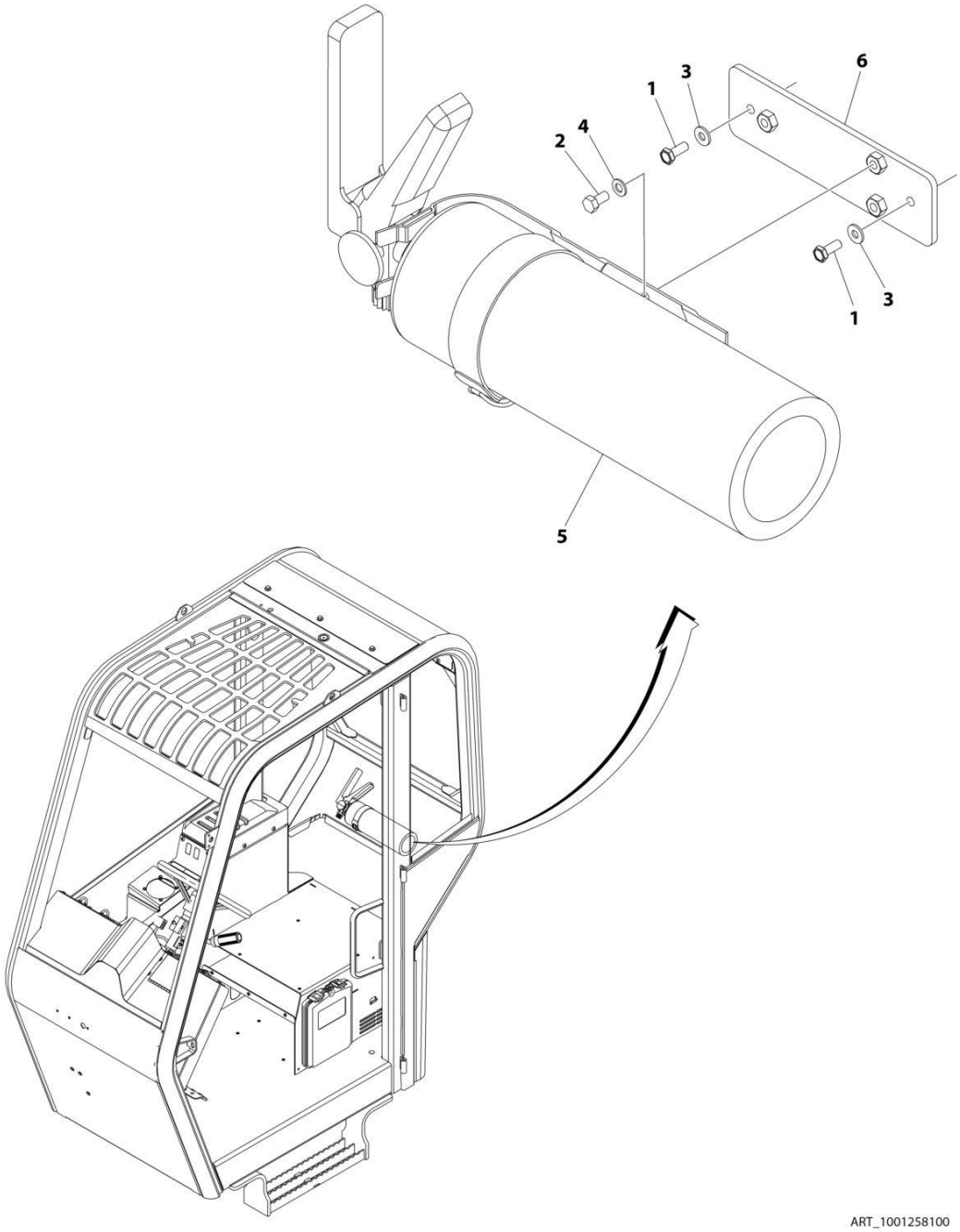


FIGURE 6-31. SKYTRAK FIRE EXTINGUISHER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258100	Ref	Skytrak Fire Extinguisher Installation	A
1	0721004	2	Screw M10X1/2	
2	0760505	3	Bolt M5X10	
3	4750800	2	Washer M8	
4	4811600	3	Washer M5	
5	1001099699	1	Extinguisher, Fire with Bracket	
5	1001100082	1	Bracket	
6	1001241305	1	Bracket	

FIGURE 6-32. WIPER INSTALLATION (FRONT)

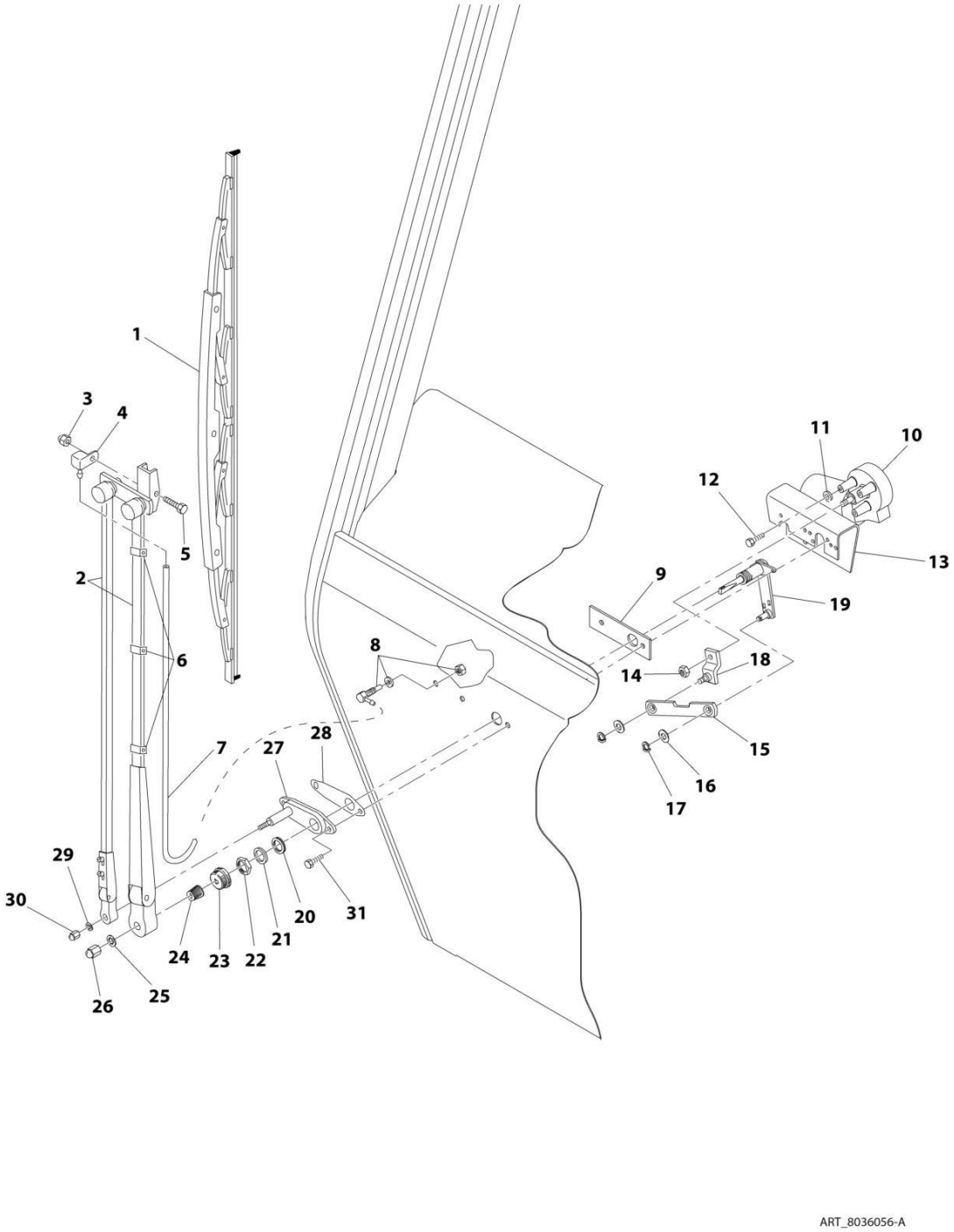


FIGURE 6-32. WIPER INSTALLATION (FRONT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8036056	Ref	Front Wiper Assembly	A
1	80384213	1	Blade, Wiper	
2	8035393	1	Assembly, Wiper Arm	
3	N.S.S.	1	Nut, Lock	
4	N.S.S.	1	Nozzle, Sprayer	
5	N.S.S.	1	Bolt	
6	N.S.S.	3	Clip, Hose	
7	N.S.S.	1	Hose	
8	1001081310	1	Adaptor, Wet Arm	
9	8036100	1	Spacer, Front Wiper Motor	
10	7029860	1	Motor, Wiper 12V	
11	N.S.S.	3	Washer, 5/16	
12	N.S.S.	3	Bolt, 1/4-28X1	
13	N.S.S.	1	Bracket, Wiper Motor	
14	N.S.S.	1	Nut	
15	8035409	1	Link, Connecting	
16	N.S.S.	2	Washer, 0.56X0.251X0.015	
17	N.S.S.	2	Clip, Spring	
18	8035411	1	Drive, Wiper Arm	
19	8036099	1	Assembly, Wiper Shaft and Pivot	
20	N.S.S.	1	Washer, Rubber	
21	N.S.S.	1	Washer, Metal	
22	N.S.S.	1	Nut, Jam 11/16-18	
23	N.S.S.	1	Cap, Rubber	
24	N.S.S.	1	Driver, Knurled	
25	N.S.S.	1	Washer, Lock 3/8	
26	N.S.S.	1	Nut, Acorn 1/4-28	
27	8034815	1	Assembly, Panto Adaptor	
28	N.S.S.	1	Gasket	
29	N.S.S.	1	Washer, Lock 1/4	
30	N.S.S.	1	Nut, Acorn 1/4-28	
31	80384207	2	Bolt, 1/4-28X3/4	

FIGURE 6-33. WIPER INSTALLATION (SKYLIGHT)

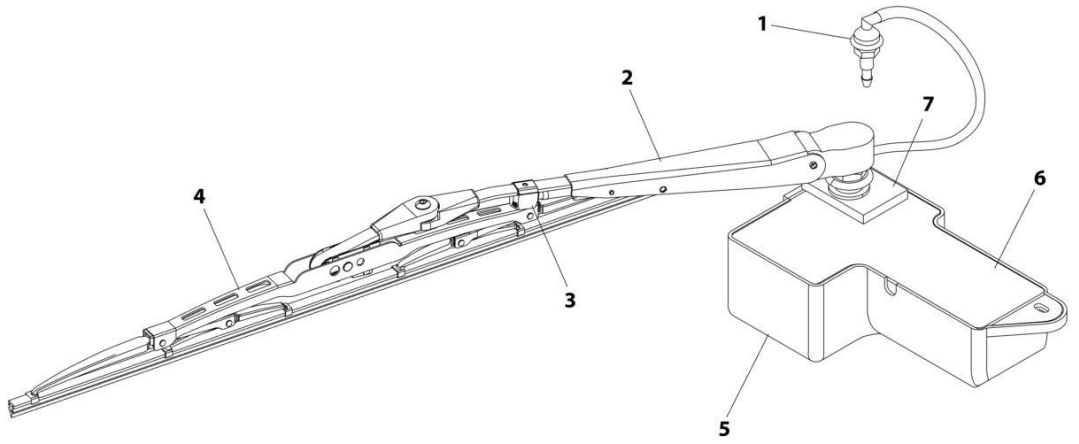


FIGURE 6-33. WIPER INSTALLATION (SKYLIGHT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182470	Ref	SKYLIGHT WIPER ASSEMBLY	B
1	1001081310	1	Adaptor, Wet Arm	
2	8035500	1	Arm, Wiper	
3	8035499	1	Arm, Wet Kit	
4	8035498	1	Blade, Wiper	
5	70020652	1	Motor, Wiper	
6	8035493	1	Cover, Wiper	
7	70026352	1	Block, Skylight Wiper Motor	

SECTION 7 - CONTROLS

FIGURE 7-1. BRAKE ASSEMBLY

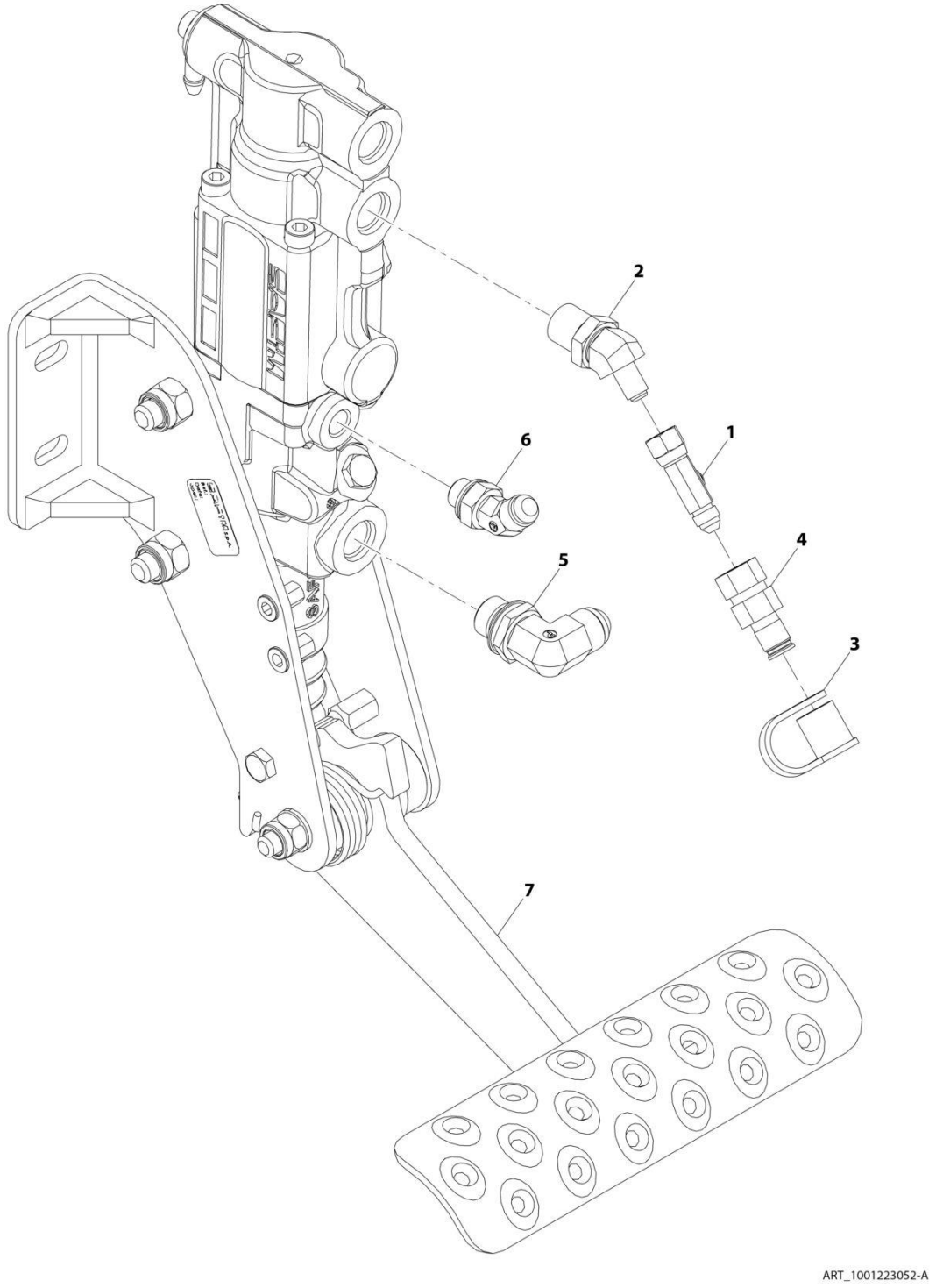


FIGURE 7-1. BRAKE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223052	Ref	Brake Assembly - Safim	A
1	2220605	1	Adapter	
2	2221344	1	Adapter	
3	8430032	1	Plug, Dust Cap	
4	10727374	1	Adapter	
5	91473086	1	Adapter	
6	1001183341	1	Adapter	
7	1001223050	1	Installation, Hydraulic Brake Valve (See Separate Breakdown in HYDRAULIC CIRCUITS Section)	

FIGURE 7-2. SECONDARY CONTROLS INSTALLATION

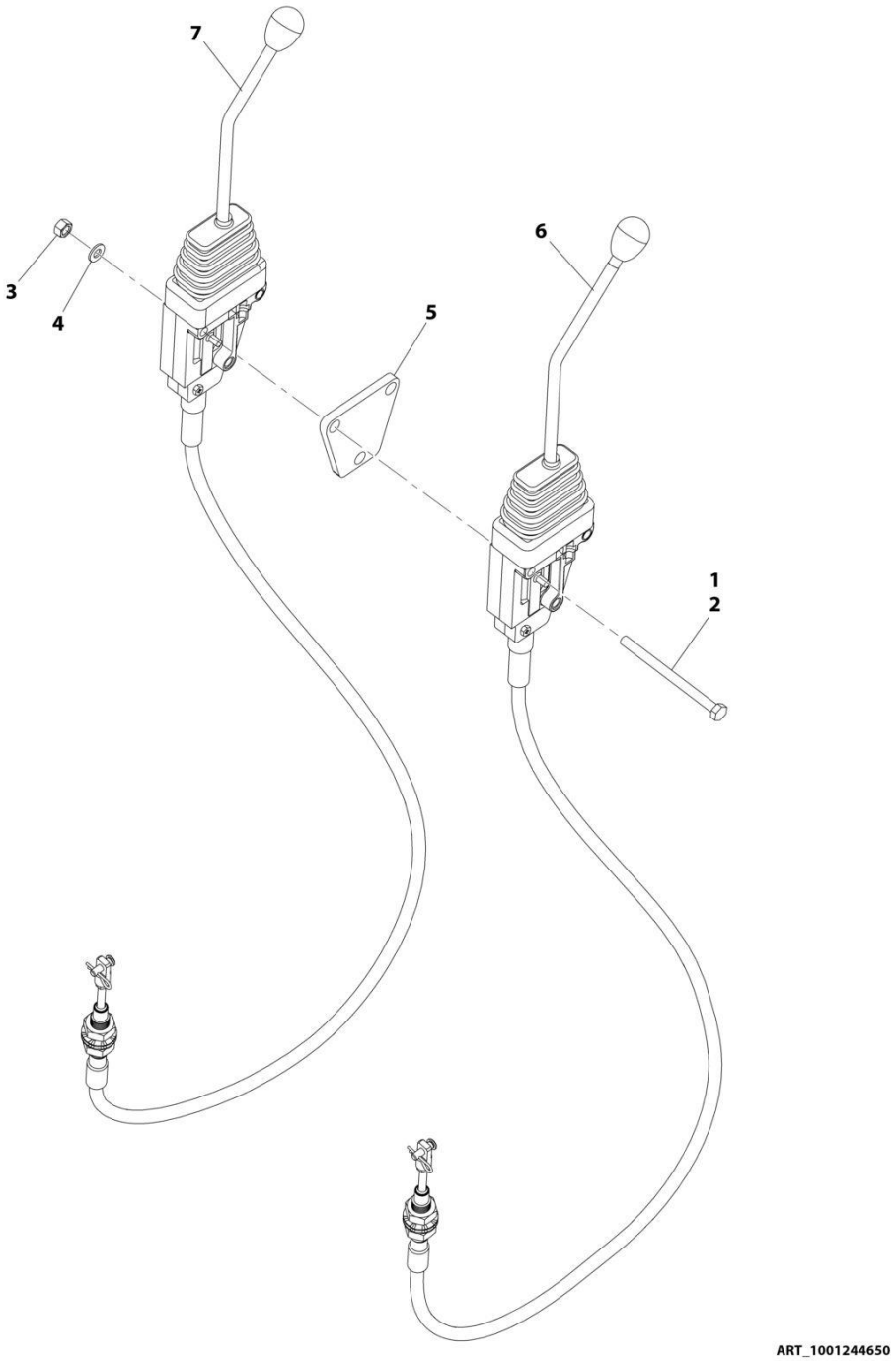


FIGURE 7-2. SECONDARY CONTROLS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244650	Ref	Secondary Controls Installation	C
1	0100011	AR	Compound, Locking	
2	0700828	3	Bolt, M8X110	
3	8305043	3	Nut, M8X1-1/4	
4	8307222	3	Washer, Plain M8	
5	1001174340	1	Bracket, Control Spacer Plate	
6	1001244652	1	Auxiliary Control Assembly	
6	1001173581	1	Control, Auxiliary	
6	1001244654	1	Cable, Auxiliary Control	
7	1001244653	1	Frame Level Control Assembly	
7	1001173582	1	Control, Frame Level	
7	1001244654	1	Cable, Frame Level	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-1. AUXILIARY CONTROLS HYDRAULICS INSTALLATION

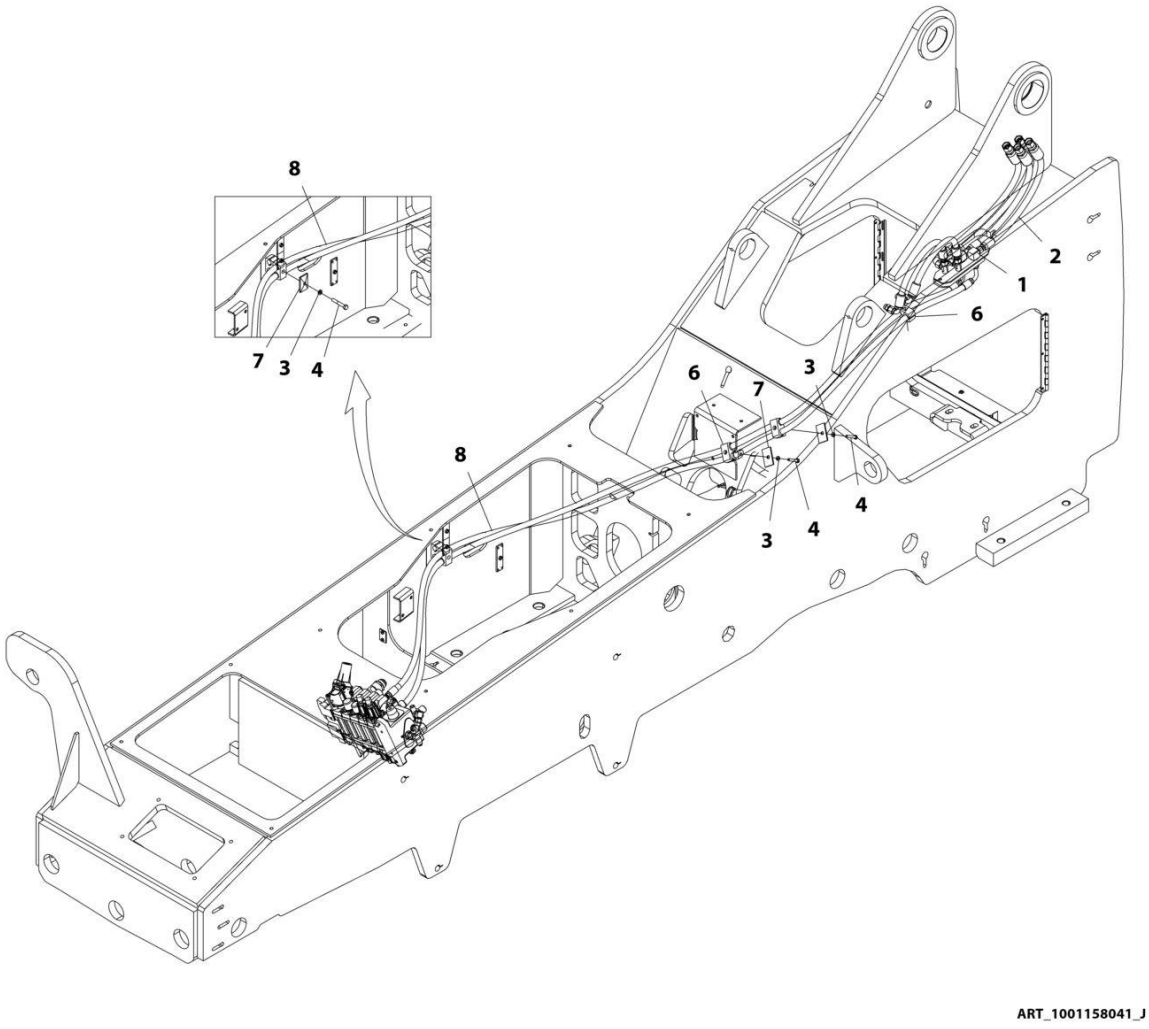


FIGURE 8-1. AUXILIARY CONTROLS HYDRAULICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158041	Ref	Auxiliary Controls Hydraulic Installation	J
1	2230044	2	Adapter, Bulkhead 90 JIC	
2	1001245061	2	Hose 26 in/ 66cm	
2	2716713	2	Hose 30 in/ 76cm	
3	8307004	3	Washer 5/16	
4	8310009	3	Bolt 5/16X2	
5	8750012	1	Bolt, Stacking (Not Shown)	
6	8750027	4	Clamp Set, Twin	
7	8769128	3	Cover Plate, Twin	
8	1001245060	2	Hose	

FIGURE 8-2. AXLE HYDRAULICS INSTALLATION

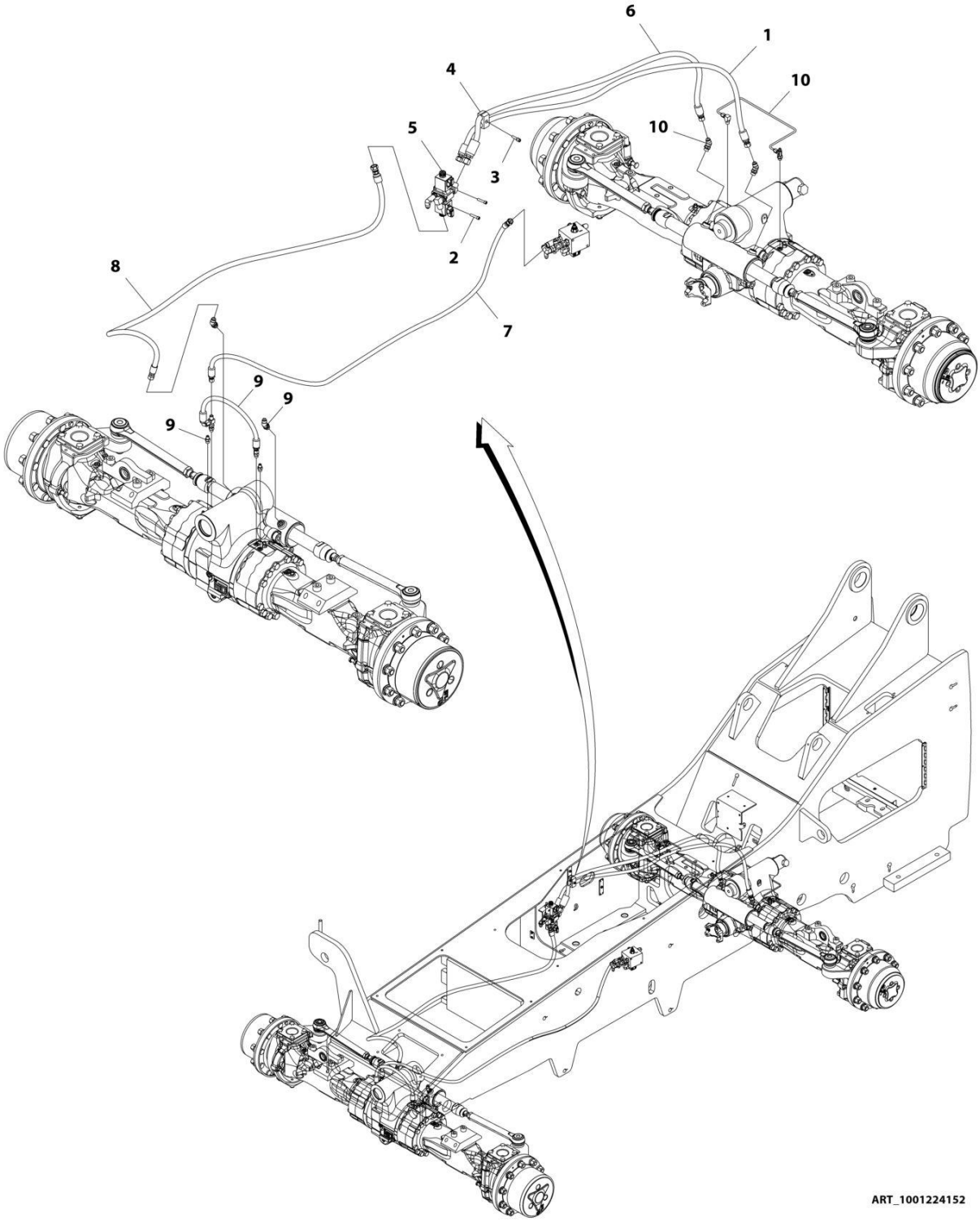


FIGURE 8-2. AXLE HYDRAULICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001224152	Ref	Axle Hydraulic Installation	B
	1001201991	Ref	Axle Hydraulic Installation	C
1	2716673	1	Hose	
2	8304608	2	Screw, 5/16-18X1-1/2	
3	8750012	1	Bolt, Stacking	
4	8750027	1	Clamp Set, Twin	
5	1001172784	1	Assembly, Steer Select Valve (See STEER SELECT VALVE ASSEMBLY for Breakdown)	
6	1001178224	1	Hose	
7	1001194620	1	Hose	
8	1001194745	1	Hose	
9	1001224459	1	Assembly, Front Axle Hydraulic (See FRONT AXLE HYDRAULIC ASSEMBLY for Breakdown)	
10	1001224460	1	Assembly, Rear Axle Hydraulic (See REAR AXLE HYDRAULIC ASSEMBLY for Breakdown)	

FIGURE 8-3. AXLE HYDRAULICS INSTALLATION - FRONT

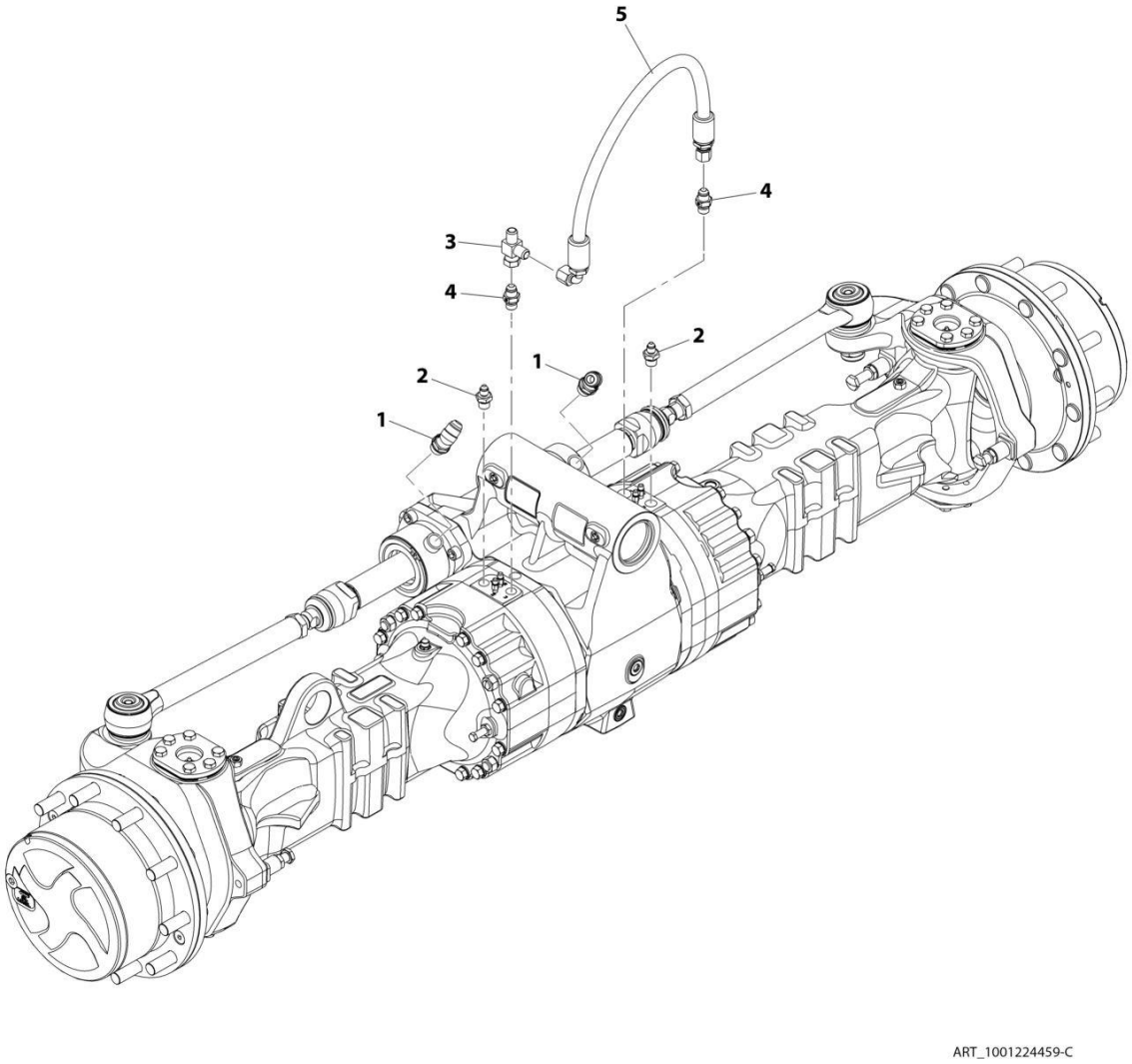


FIGURE 8-3. AXLE HYDRAULICS INSTALLATION - FRONT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001224459	Ref	Front Axle Hydraulic Assembly	C
1	2220500	2	Adapter, Straight	
2	1001227636	2	Adapter, Straight	
3	2220635	1	Adapter, Run Tee	
4	8770064	2	Fitting	
5	1001224467	1	Hose Assembly	

FIGURE 8-4. AXLE HYDRAULICS INSTALLATION - REAR

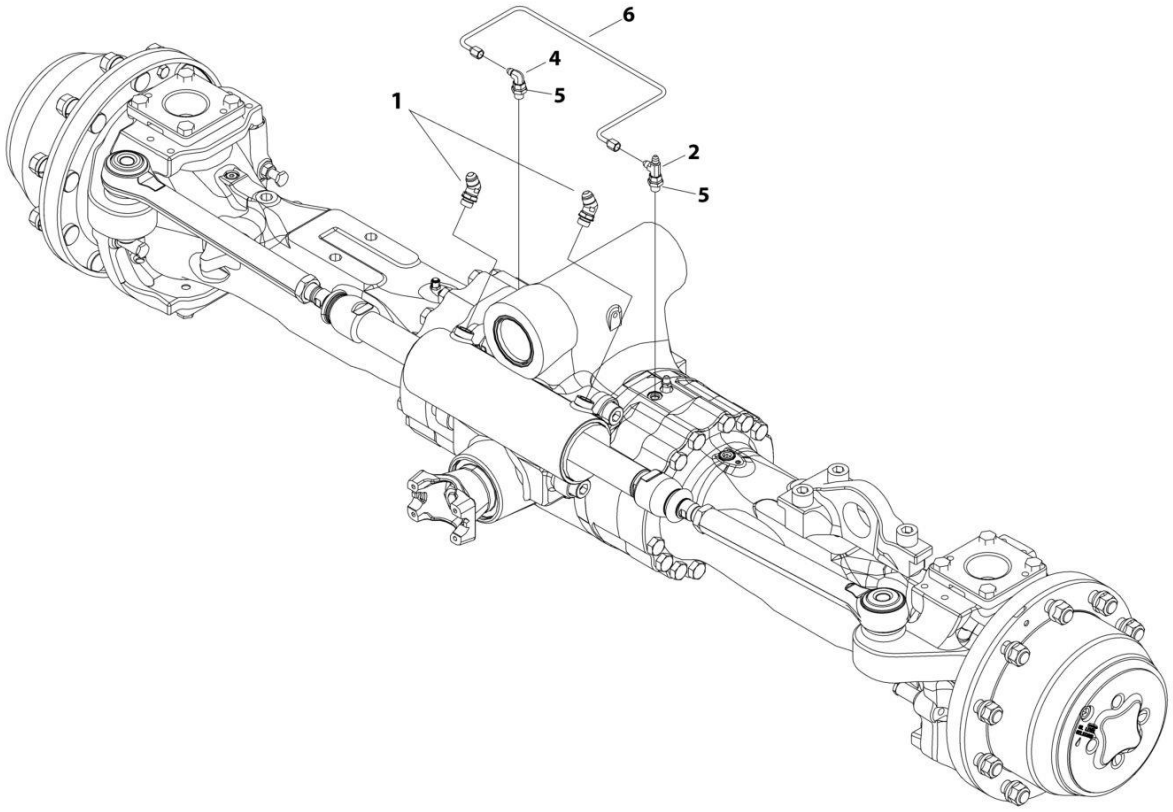


FIGURE 8-4. AXLE HYDRAULICS INSTALLATION - REAR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001224460	Ref	Rear Axle Hydraulic Assembly	C
1	2220500	2	Fitting, 45 JIC/ORB	
2	2220605	1	Fitting, Tee JIC/FSJIC/JIC	
4	2220654	1	Fitting, 90 JIC/FSJIC	
5	1001227636	2	Fitting, Straight JIC/MMP	
6	1001224471	1	Tube	

FIGURE 8-5. AXLE PIN LUBE HYDRAULICS INSTALLATION

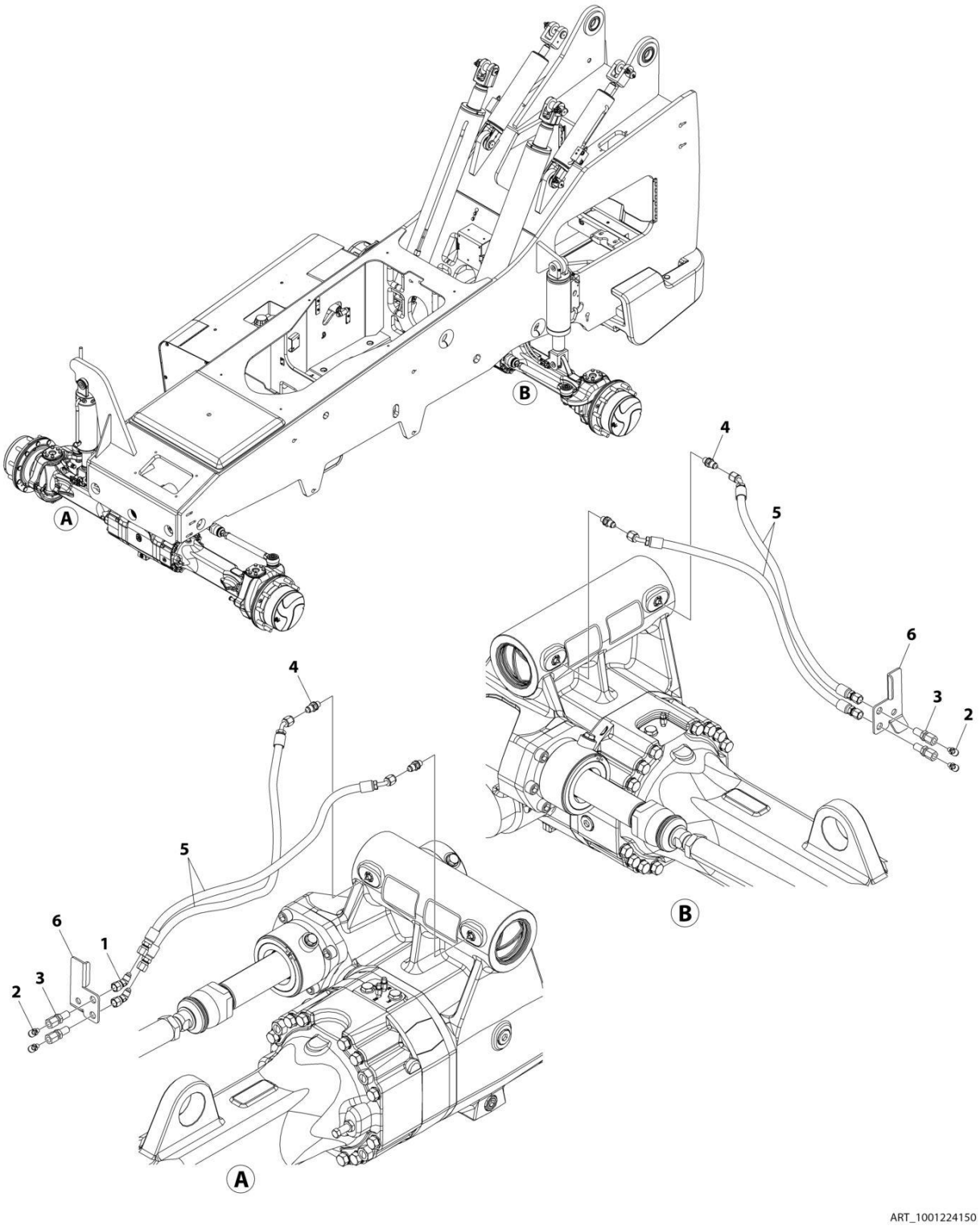


FIGURE 8-5. AXLE PIN LUBE HYDRAULICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001224150	Ref	Axle Pin Lube Kit Installation	B
1	2220677	2	Adapter, 45	
2	8520003	4	Fitting, 90 Lube	
3	80623016	4	Adapter, Bulkhead Straight	
4	1001107589	4	Adapter, Straight	
5	1001226795	4	Hose, Lubrication	
6	1001224242	2	Bracket, Hose	

FIGURE 8-6. BULKHEAD (REAR) INSTALLATION

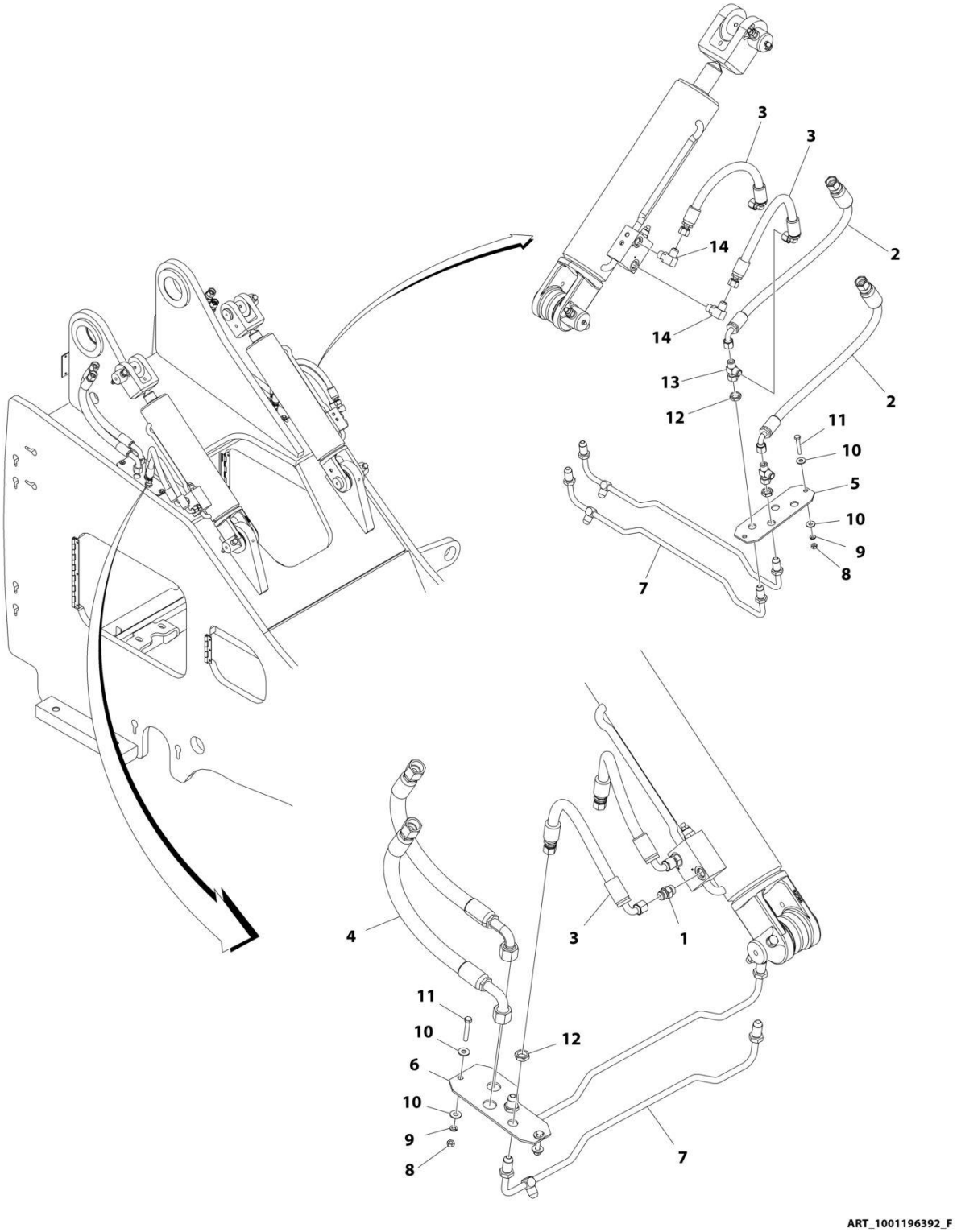


FIGURE 8-6. BULKHEAD (REAR) INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196392	Ref	Rear Bulkhead Installation	F
1	2220373	2	Adapter, Straight JIC	
2	1001245068	2	Hose 30 in/ 76cm	
2	2716714	2	Hose 34 in/ 86cm	
3	2716715	4	Hose	
4	1001245067	2	Hose 26 in/ 66cm	
4	2755060	2	Hose 32 in/ 81cm	
5	7139504	1	Plate, Bulkhead	
6	7139505	1	Plate, Bulkhead	
7	1001257571	1	Tube	
8	8305006	4	Nut 5/16	
9	8307004	4	Washer 5/16	
10	8307203	8	Washer 5/16	
11	8310009	4	Bolt 5/16X2	
12	8760463	4	Fitting Nut	
13	2220385	1	Fitting Tee	
14	2220596	2	Fitting 90, JIC/ORB	

FIGURE 8-7. CAB HYDRAULICS INSTALLATION

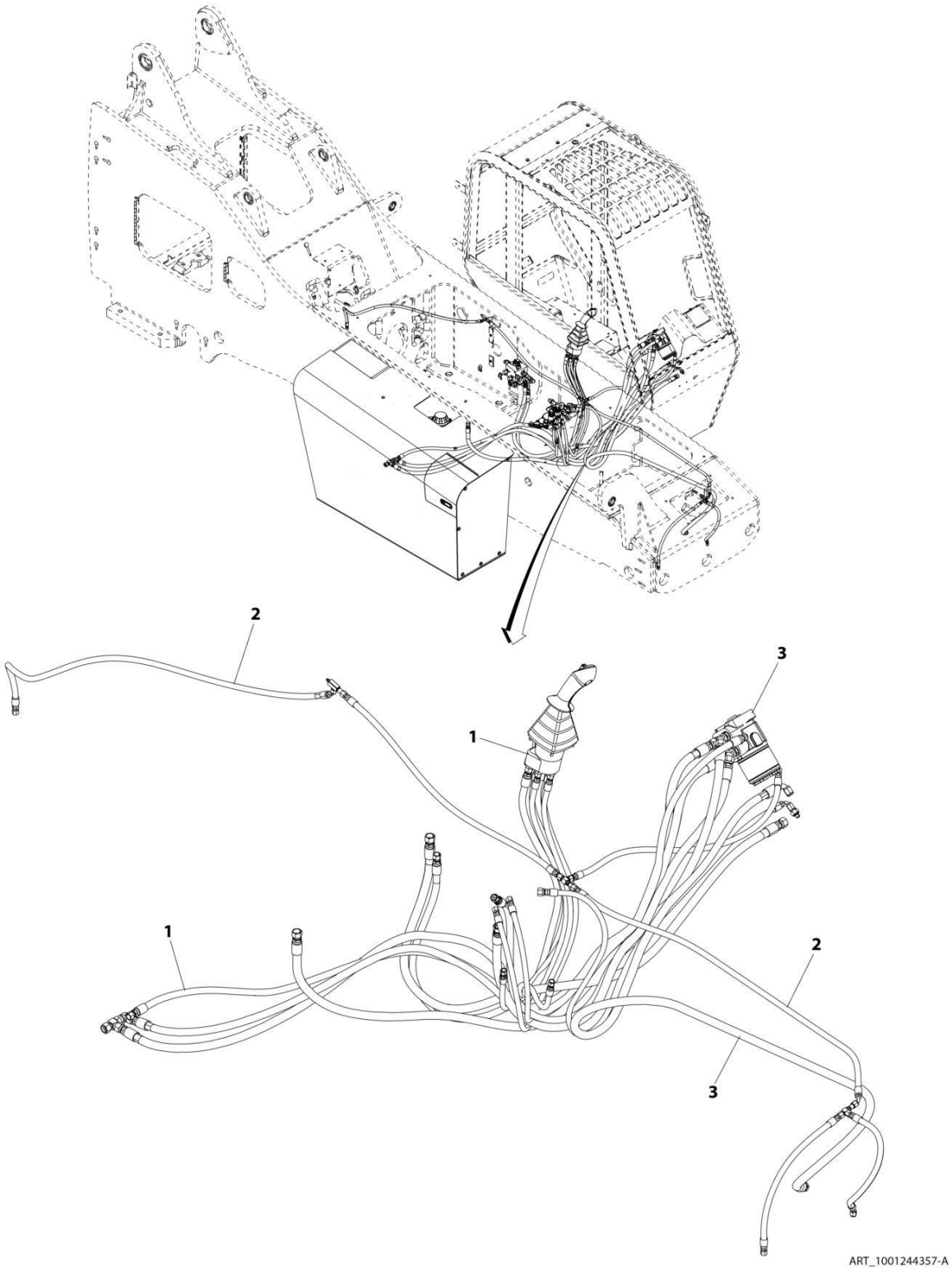


FIGURE 8-7. CAB HYDRAULICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244357	Ref	Cab Hydraulics Installation	A
1	1001158786	Ref	Pilot Controls Installation (See Separate Breakdown in this Section)	
2	1001245054	Ref	Brake Hydraulic Installation (See Separate Breakdown in this Section)	
3	1001245057	Ref	Steering Hydraulic Installation (See Separate Breakdown in this Section)	

FIGURE 8-8. CAB TO BRAKE HYDRAULICS INSTALLATION

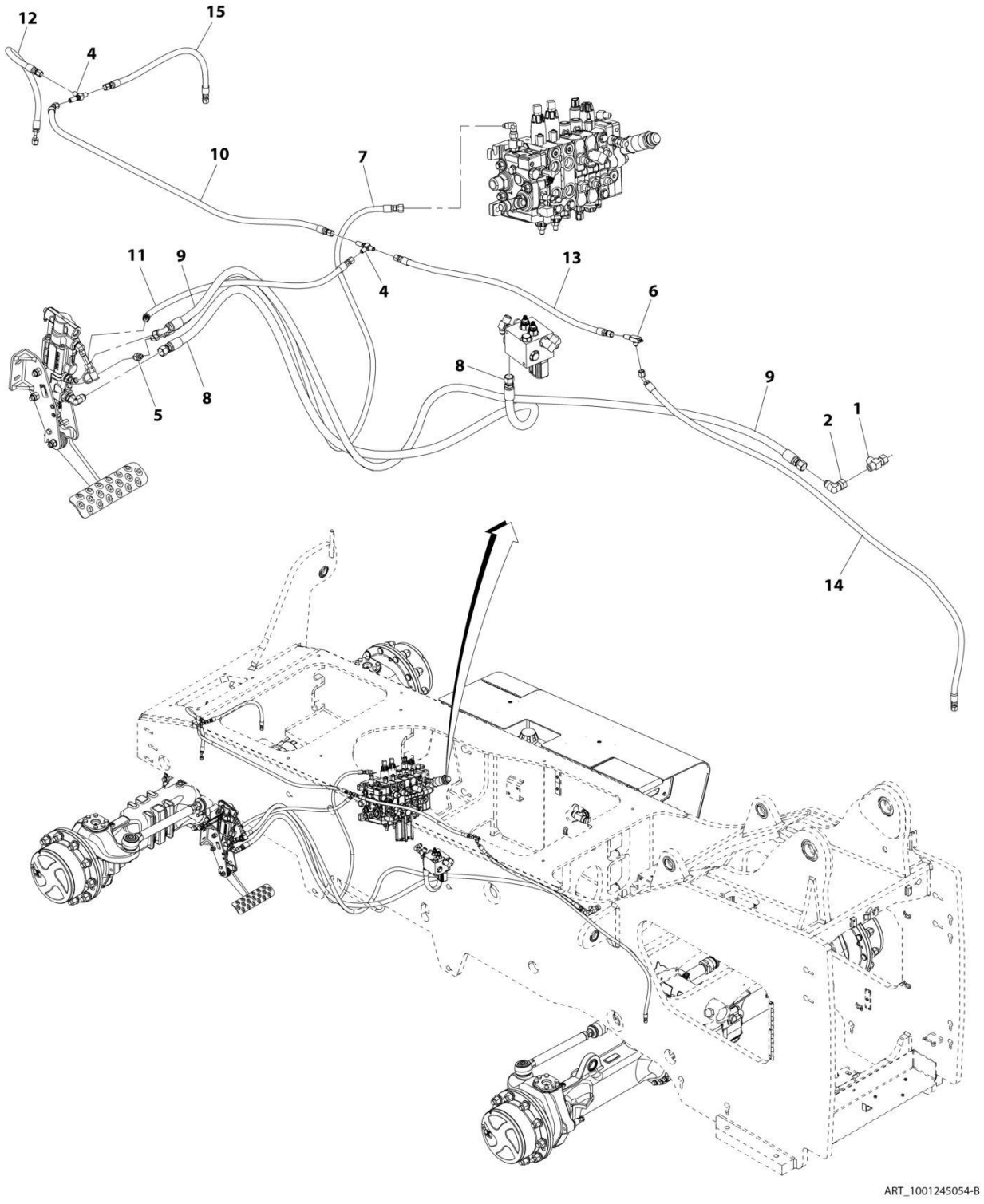


FIGURE 8-8. CAB TO BRAKE HYDRAULICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001245054	Ref	Hydraulic Brake Installation	C
1	2220385	1	Adapter, Run Tee	
2	8765204	1	Adapter, Straight	
4	10728823	2	Bulkhead Connector Tee	
5	1001183370	1	Check Valve	
6	1001201734	1	Brake Bleeder Tee, Manifold	
7	1001244980	1	Hose Assembly	
8	1001201737	1	Hose Assembly	
9	1001201738	1	Hose Assembly	
10	1001210093	1	Hose Assembly	
11	1001210859	1	Hose Assembly	
12	1001210860	1	Hose Assembly	
13	1001210862	1	Hose Assembly	
14	1001210863	1	Hose Assembly	
15	1001219045	1	Hose Assembly	

FIGURE 8-9. CAB PILOT CONTROLS HYDRAULICS INSTALLATION

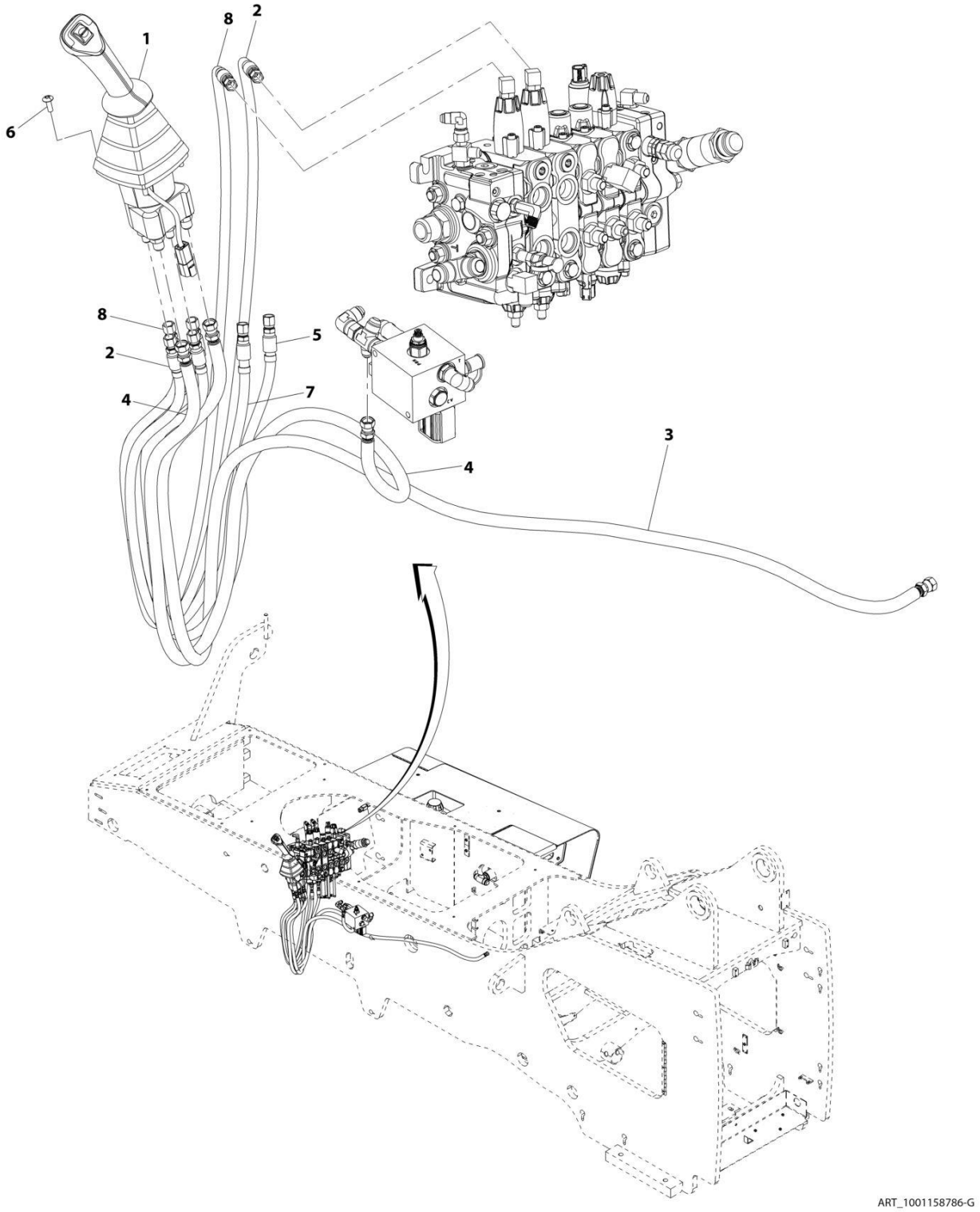
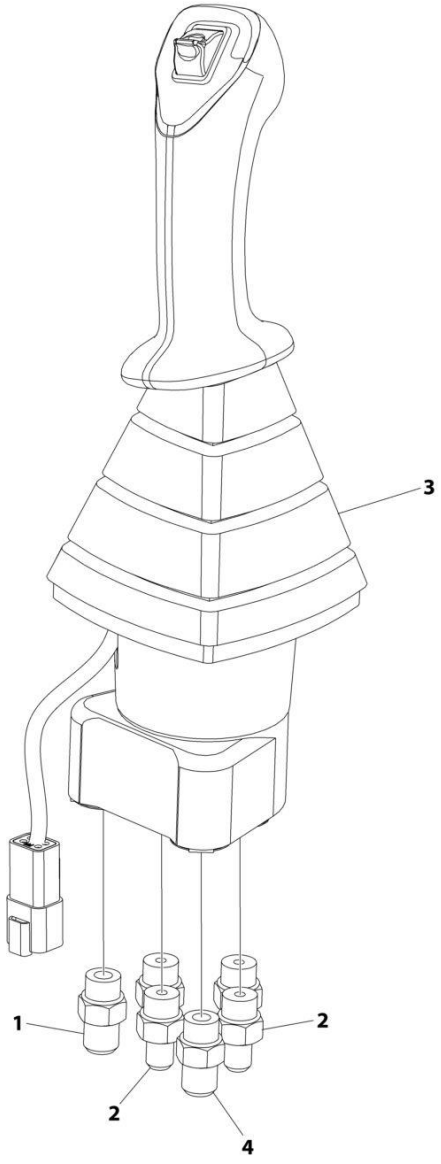


FIGURE 8-9. CAB PILOT CONTROLS HYDRAULICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158786	Ref	Pilot Controls Installation	G
1	1001158004	1	Assembly, Pilot Joystick (See Separate Breakdown in this Section)	
2	1001252971	1	Hose	
3	1001254099	1	Hose	
4	1001158398	1	Hose	
5	1001252970	1	Hose	
6	8303034	4	Screw, 1/4-20X3/4	
7	1001252968	1	Hose	
8	1001252969	1	Hose	

FIGURE 8-10. CAB PILOT JOYSTICK & FITTING ASSEMBLY



ART_1001158004_C

FIGURE 8-10. CAB PILOT JOYSTICK & FITTING ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158004	Ref	PILOT JOYSTICK & FITTING ASSEMBLY	C
1	2220371	1	Adapter, Straight JIC	
2	2220582	4	Adapter, Straight JIC	
3	1001158002	1	Control & Fittings Assembly - Pilot Joystick (See Separate Breakdown in CONTROLS Section)	
4	1001282050	1	Adapter, Straight JIC	

FIGURE 8-11. CAB TO STEERING HYDRAULICS INSTALLATION

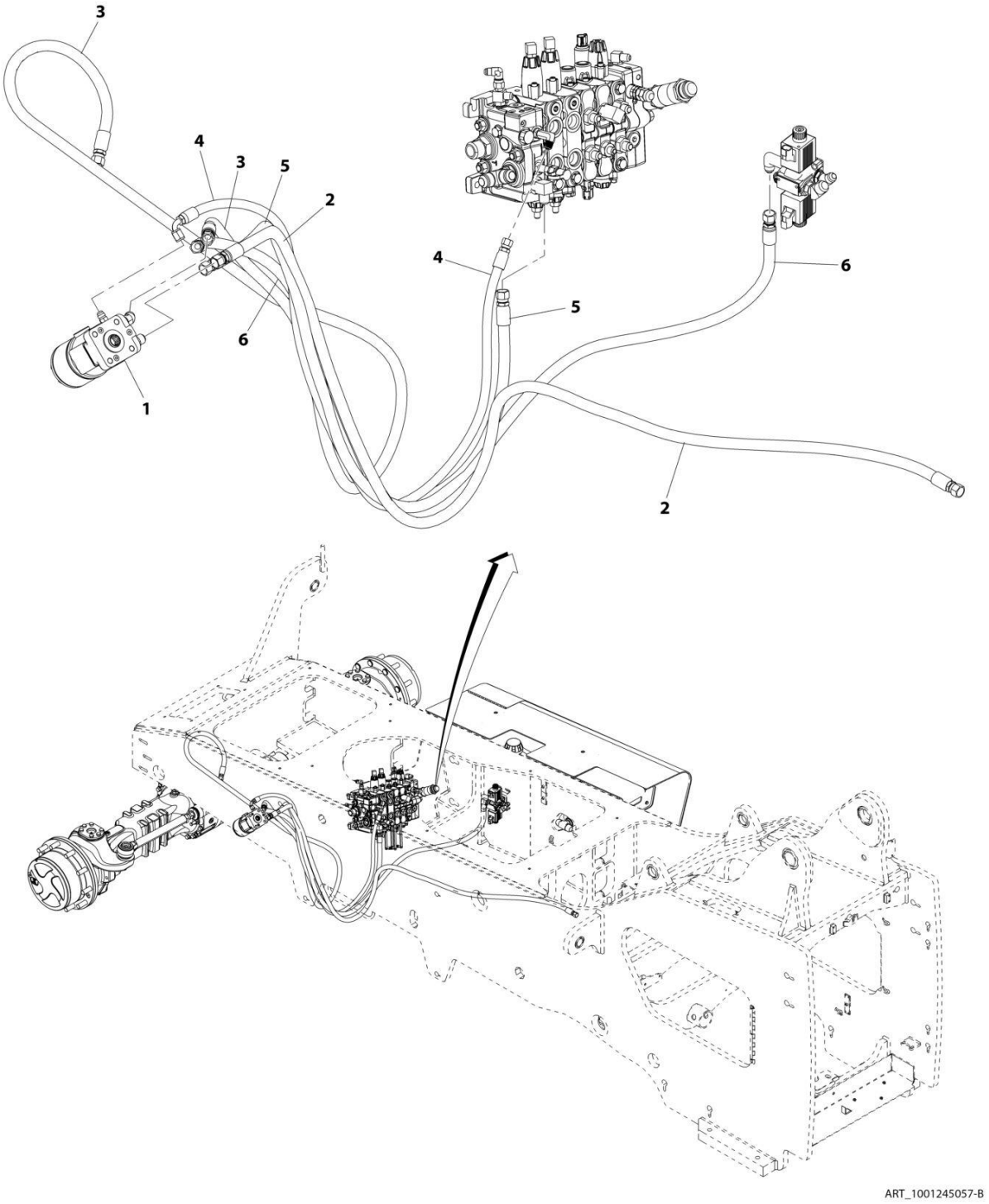


FIGURE 8-11. CAB TO STEERING HYDRAULICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001245057	Ref	Hydraulic Steering Installation	B
1	1001158528	1	Steering Valve Installation (See Separate Breakdown in this Section)	
2	1001245058	1	Hose Assembly	
3	1001157102	1	Hose Assembly	
4	1001158357	1	Hose Assembly	
5	1001171786	1	Hose Assembly	
6	1001173177	1	Hose Assembly	

FIGURE 8-12. CAB STEERING VALVE & FITTING ASSEMBLY

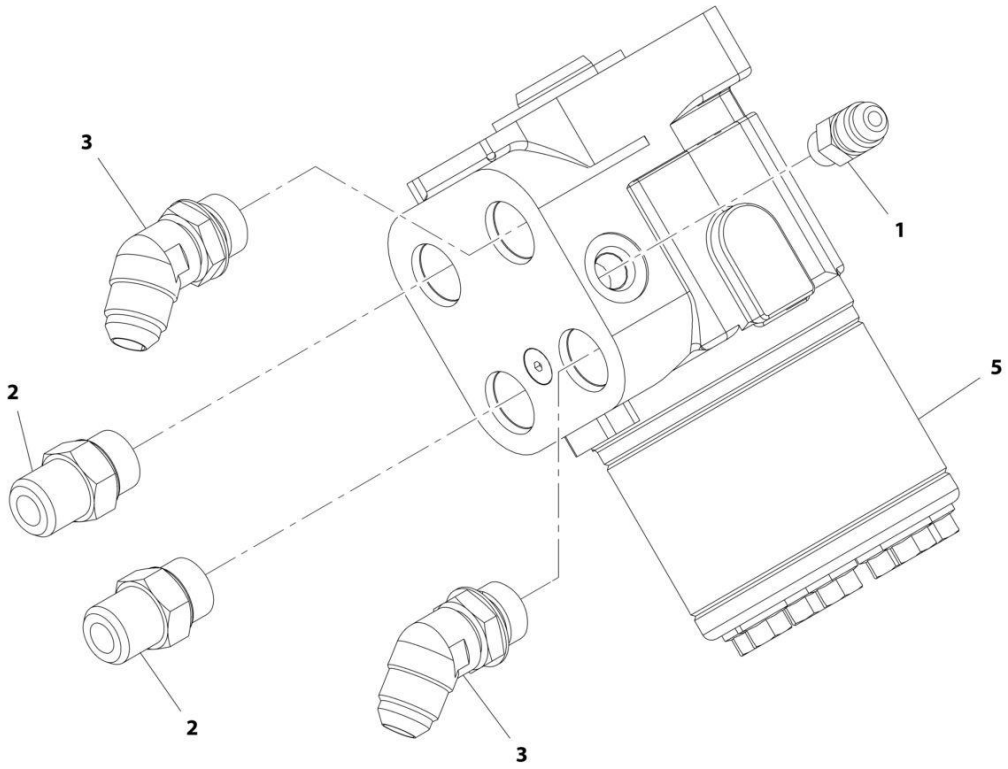


FIGURE 8-12. CAB STEERING VALVE & FITTING ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158528	1	Steering Valve & Fitting Assembly	C
1	2220603	1	Adapter, Straight JIC	
2	2220373	2	Adapter, Straight JIC	
3	2220500	2	Adapter, 45 JIC	
5	1001158527	1	Valve, Steering	
5	70026401	1	Seal Kit - Steering Valve	

FIGURE 8-13. COOLER HYDRAULICS INSTALLATION

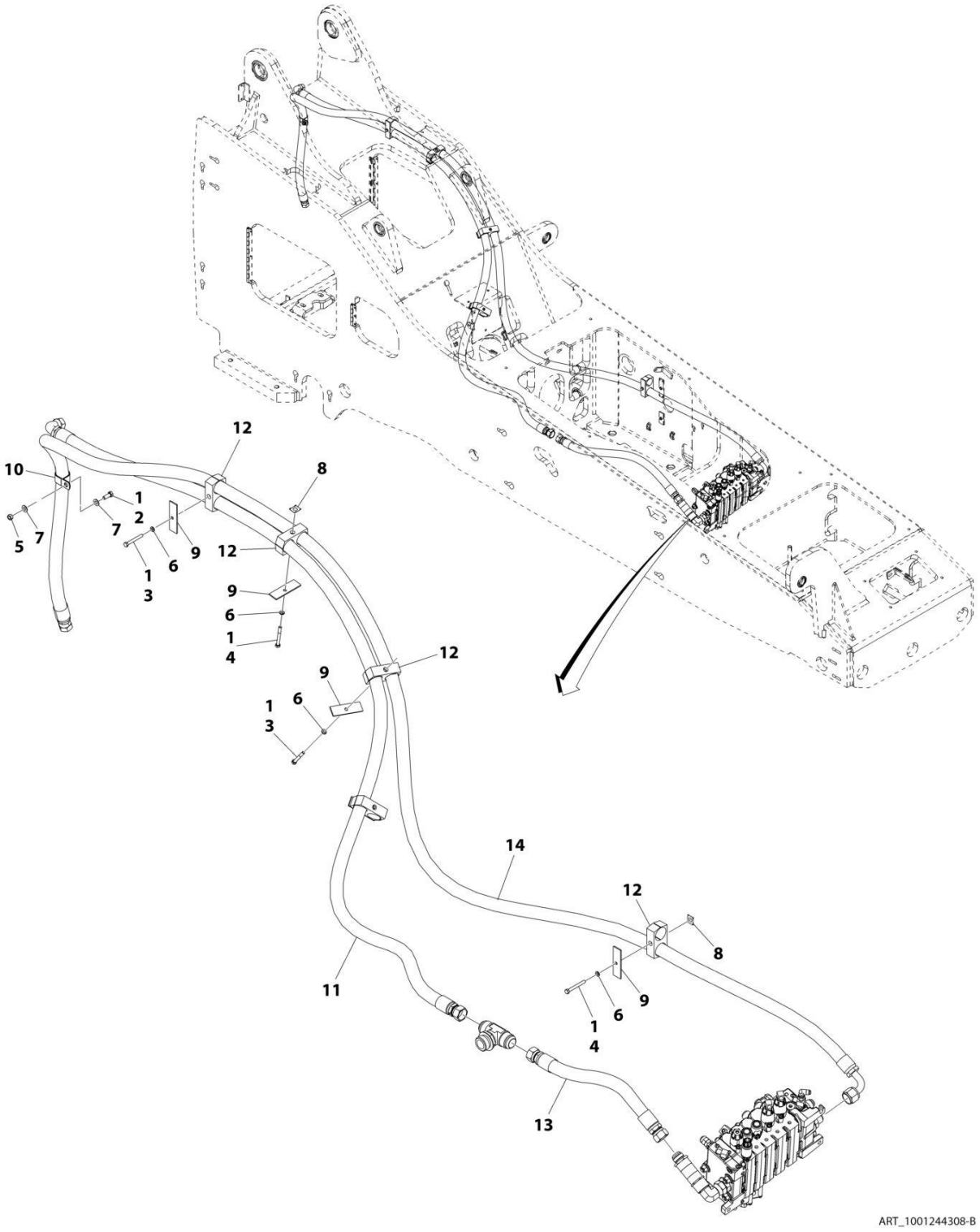


FIGURE 8-13. COOLER HYDRAULICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244308	Ref	Hydraulic Cooler Plumbing Installation	B
1	0100011	AR	Compound, Locking	
2	8303620	1	Bolt, 3/8X1	
3	8303757	3	Bolt, 5/16X2-1/2	
4	8303766	2	Bolt, 5/16X2-3/4	
5	8305008	1	Nut, 3/8	
6	8307004	5	Washer	
7	8307110	2	Washer	
8	8750017	2	Locking Plate	
9	8750025	5	Cover Plate, Twin	
10	85841150	1	Clamp, Support	
11	1001177753	1	Hose Assembly	
12	1001196109	5	Clamp, Twin Hose	
13	1001244306	1	Hose	
14	1001244307	1	Hose	

FIGURE 8-14. COOLER (TRANSMISSION) HYDRAULICS INSTALLATION

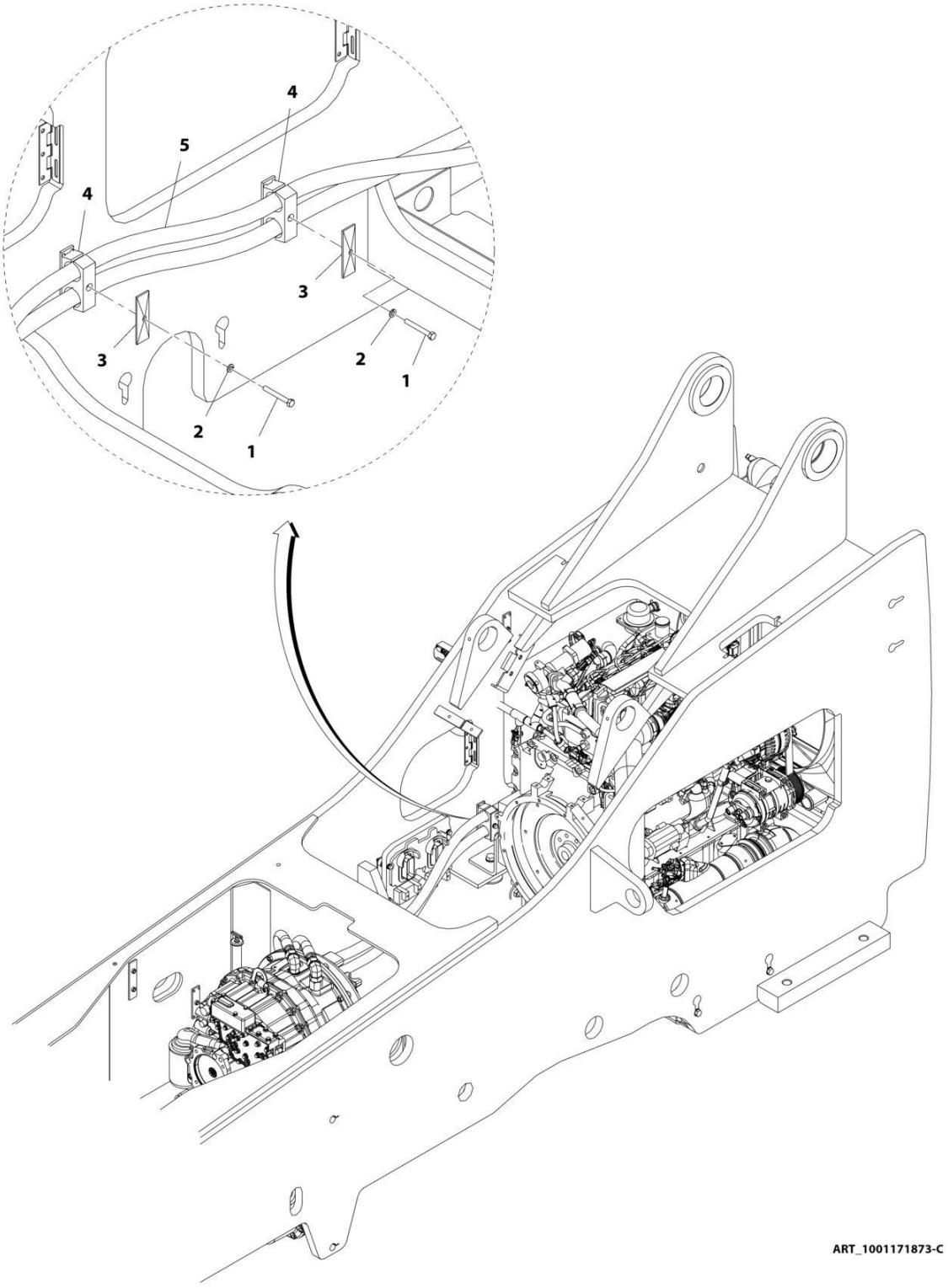


FIGURE 8-14. COOLER (TRANSMISSION) HYDRAULICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171873	Ref	Hydraulic Transmission Cooler Plumbing Installation	C
1	8303757	2	Bolt, 5/16X2-1/2	
2	8307004	2	Washer, Lock 5/16	
3	8750025	2	Cover Plate, Twin	
4	8750040	2	Clamp Set, Twin	
5	1001171986	2	Hose	

FIGURE 8-15. CYLINDER HYDRAULICS INSTALLATION - BOOM EXTEND

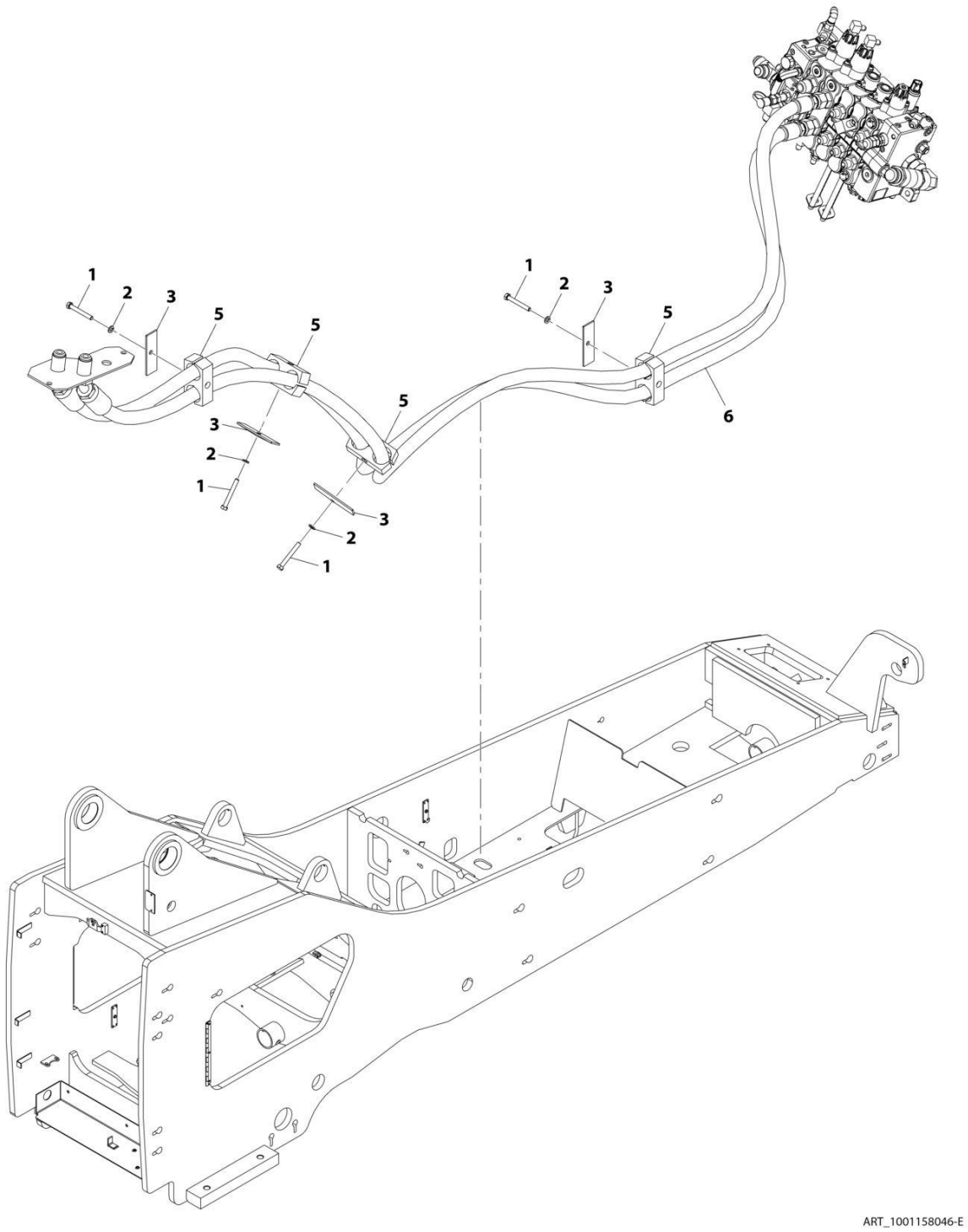


FIGURE 8-15. CYLINDER HYDRAULICS INSTALLATION - BOOM EXTEND

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158046	Ref	Extend Cylinder Installation	E
1	8303757	4	Bolt, 5/16-18X2-1/2	
2	8307004	4	Washer, Lock 5/16	
3	8750025	4	Cover Plate, Twin	
5	8750040	4	Clamp Set, Twin	
6	1001171190	2	Hose	

FIGURE 8-16. CYLINDER HYDRAULICS INSTALLATION - FRAME

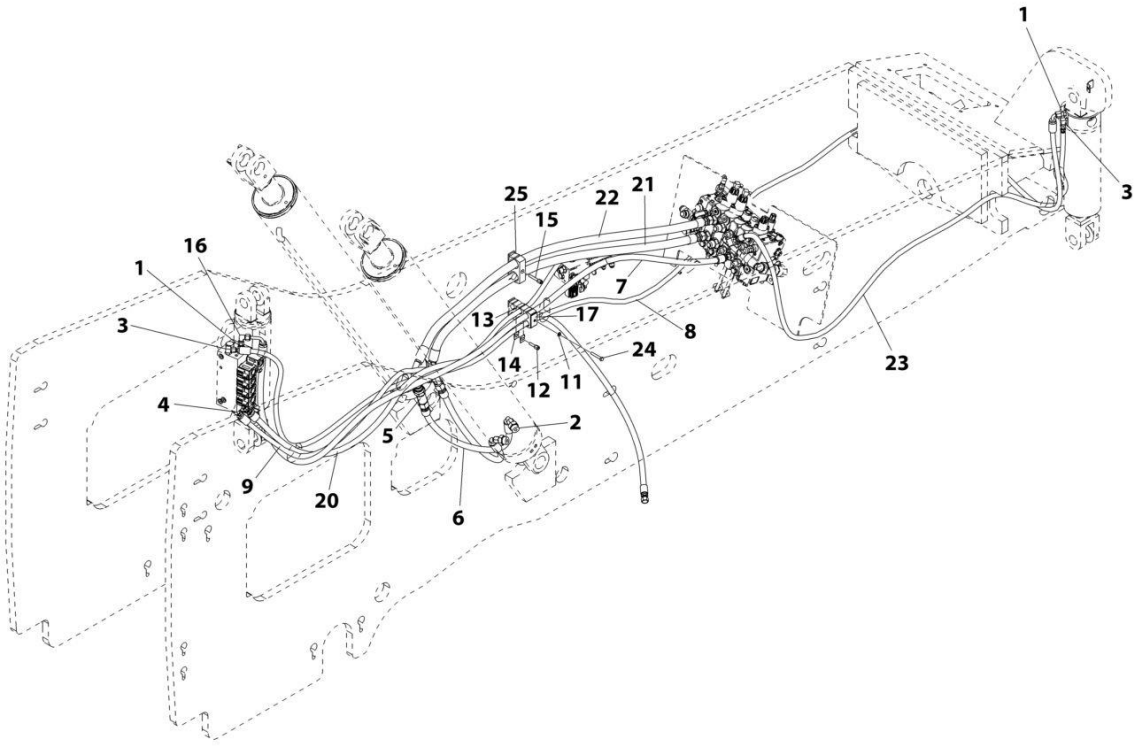


FIGURE 8-16. CYLINDER HYDRAULICS INSTALLATION - FRAME

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173841	Ref	Hydraulic Frame Cylinders Installation	G
1	2220371	2	Adapter, Straight	
2	2220375	2	Adapter, Straight	
3	2220473	2	Adapter, 90	
4	2220501	2	Adapter, 45	
5	2220695	2	Adapter, Branch Tee	
6	2716675	2	Hose	
7	2716686	1	Hose	
8	2716688	1	Hose	
9	2716691	1	Hose	
11	8307004	1	Washer, Lock 5/16	
12	8750012	1	Bolt, Stacking	
13	8750027	2	Clamp Set, Twin	
14	8750017	2	Plate, Twin Clamp Locking	
15	8750026	1	Bolt, Stacking	
16	8760268	1	Adapter, 90	
17	8769128	1	Cover Plate, Twin	
20	1001202384	1	Hose	
21	1001171191	1	Hose	
22	1001171193	1	Hose	
23	1001171194	1	Hose	
24	8310009	1	Bolt, 5/16X2	
25	8750040	1	Clamp Set, Twin	

FIGURE 8-17. FORK TILT HYDRAULICS INSTALLATION

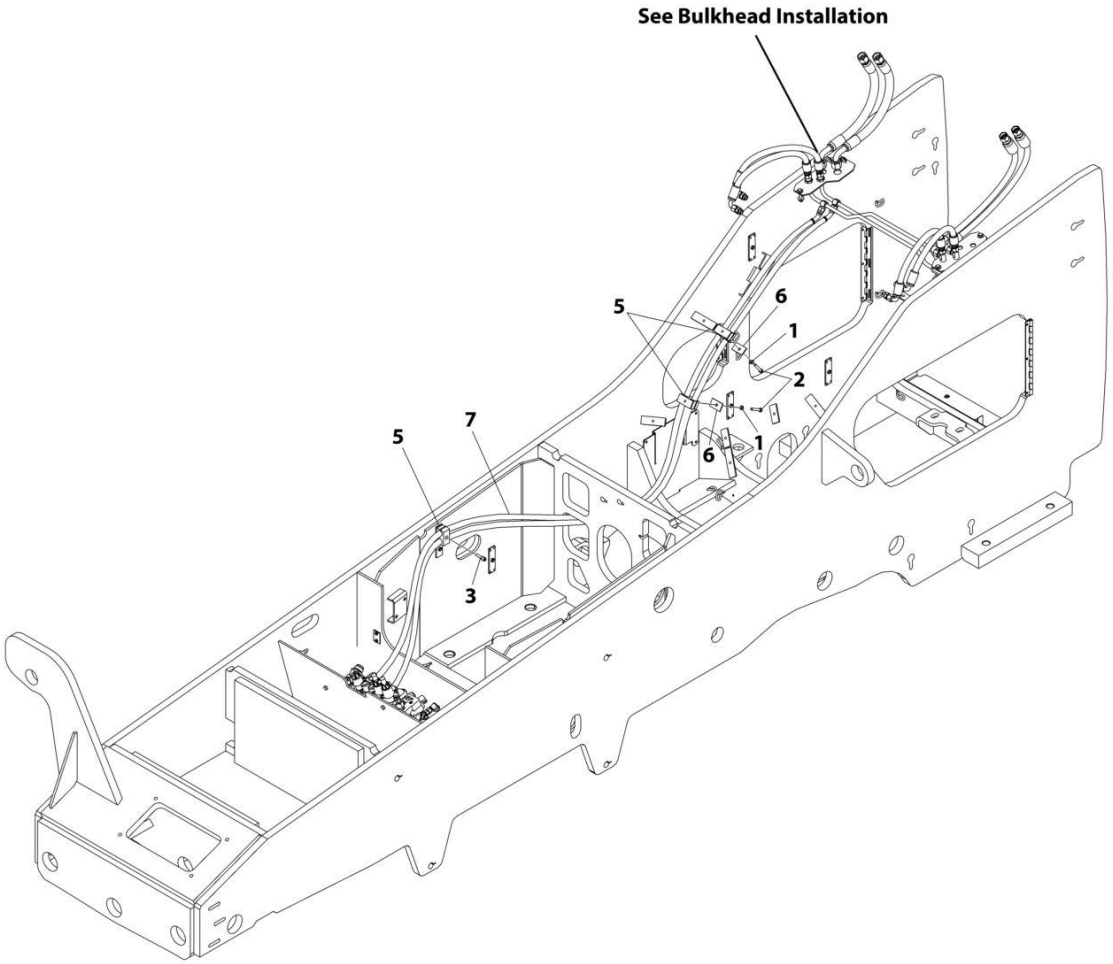


FIGURE 8-17. FORK TILT HYDRAULICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158040	Ref	HYDRAULIC FORK TILT INSTALLATION	G
1	8307004	2	Washer 5/16	
2	8310009	2	Bolt 5/16 x 2	
3	8750012	1	Bolt, Stacking	
5	8750027	3	Clamp Set, Twin	
6	8769128	2	Cover Plate, Twin	
7	1001171188	2	Hose	

FIGURE 8-18. FRAME HYDRAULICS INSTALLATION

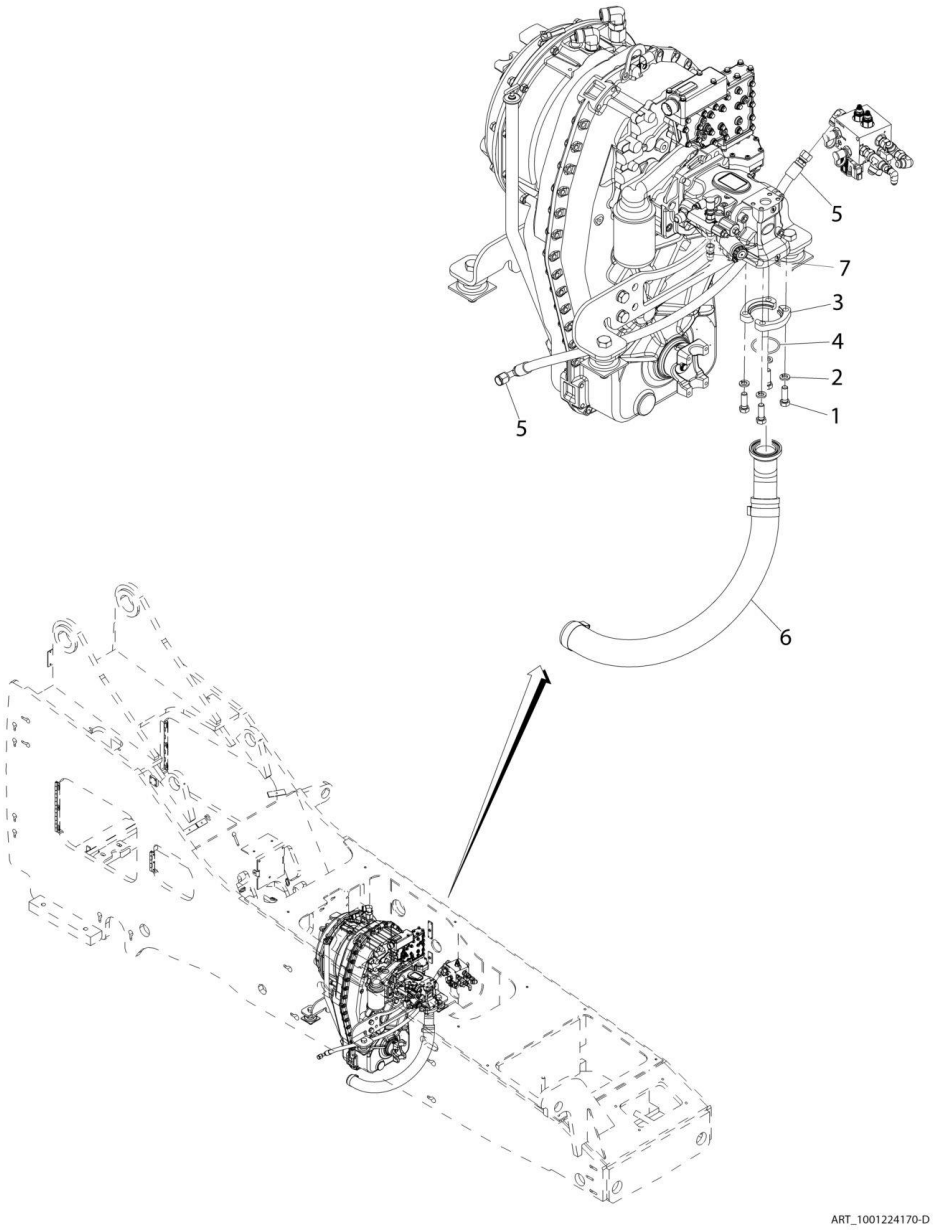


FIGURE 8-18. FRAME HYDRAULICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001224170	Ref	Frame Hydraulics Installation	D
1	8303626	4	Bolt 1/2 X 1-1/2	
2	8307007	4	Washer 1/2	
3	8546407	2	Flange Half	
4	8640208	1	O-Ring	
5	1001119610	1	Hose	
6	1001227508	1	Hose	
7	1001244982	1	Fitting, Swivel	

FIGURE 8-19. MAIN CONTROL VALVE INSTALLATION

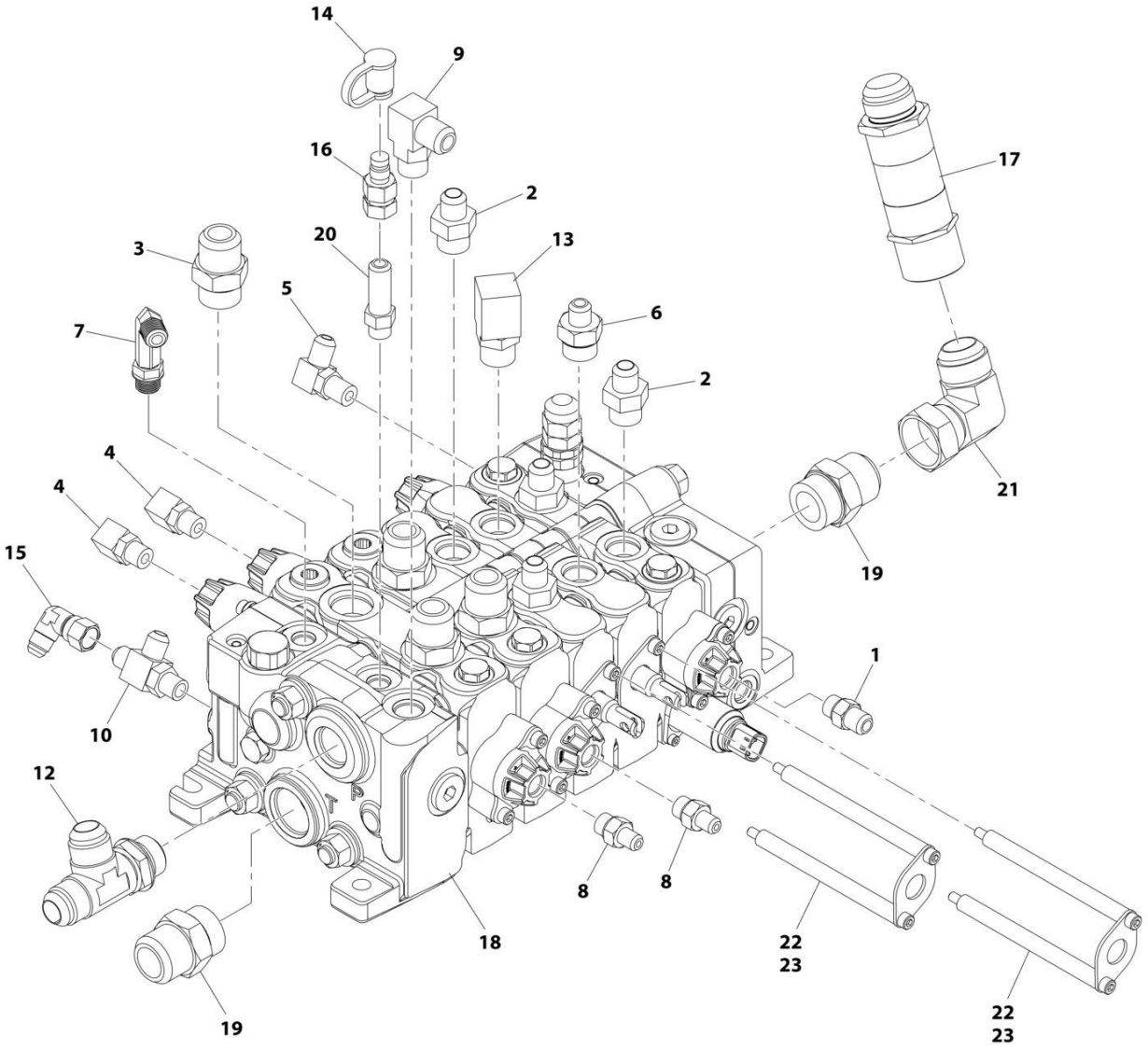


FIGURE 8-19. MAIN CONTROL VALVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001243411	Ref	Main Control Valve & Fittings Sub-Assembly	C
1	2220371	1	Adapter	
2	2220374	4	Adapter	
3	2220451	4	Adapter	
4	2220472	2	Adapter	
5	2220473	1	Adapter	
6	2220497	1	Adapter	
7	2220819	1	Adapter	
8	2220582	2	Adapter	
9	2220596	1	Adapter	
10	2220606	1	Adapter	
12	2220738	1	Adapter	
13	2220828	1	Adapter	
14	8430032	1	Plug	
15	8760268	1	Adapter	
16	8430046	1	Adapter	
17	1001174375	1	Valve, Check	
18	1001242925	1	Valve, Main Control Valve Assembly (See Separate Breakdown in HYDRAULIC COMPONENTS SECTION)	
19	2220377	2	Adapter	
20	2220998	1	Adapter	
21	2220878	1	Adapter	
22	1001254386	2	Mount, Cable Control	
23	0100011	AR	Compound, Locking	

FIGURE 8-20. PUMP HYDRAULICS INSTALLATION

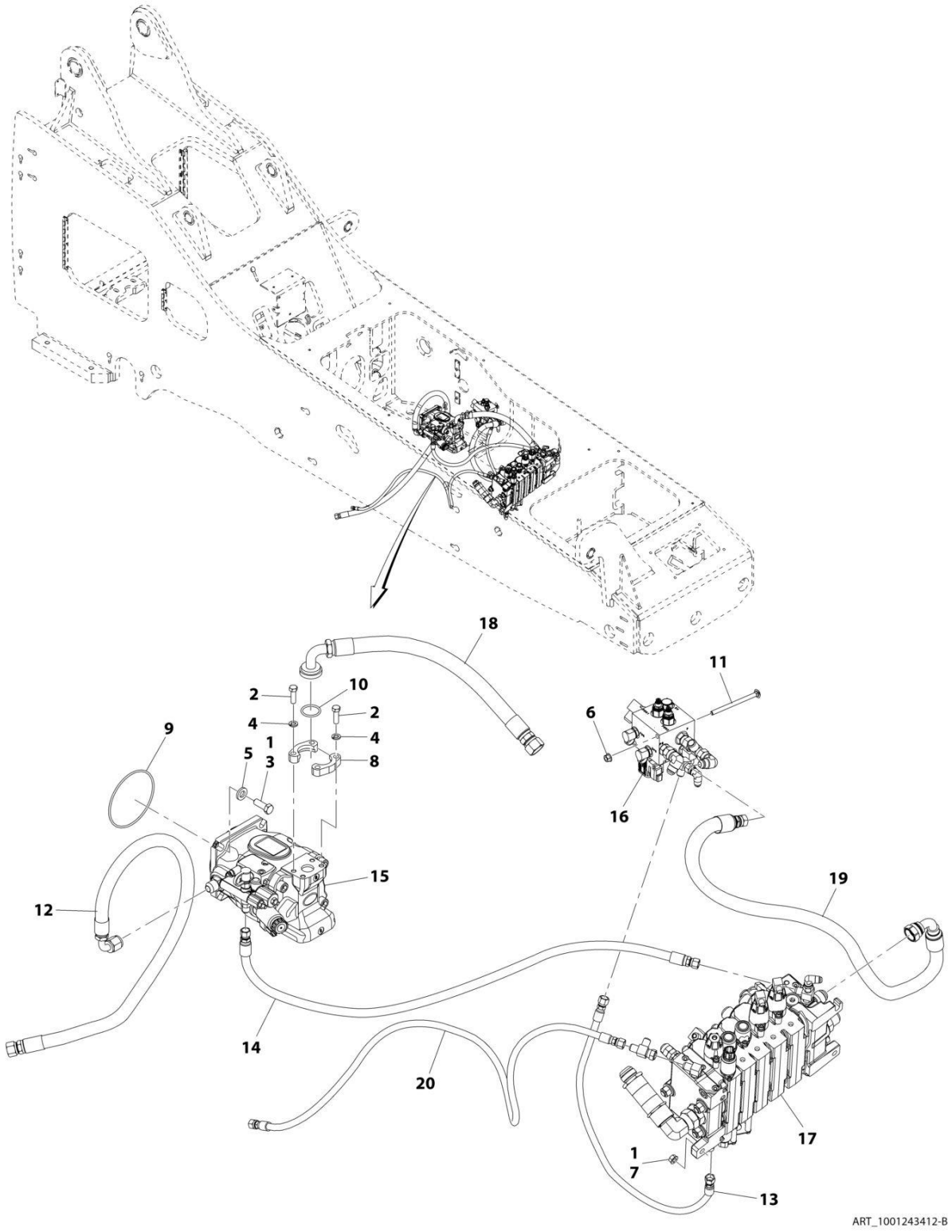
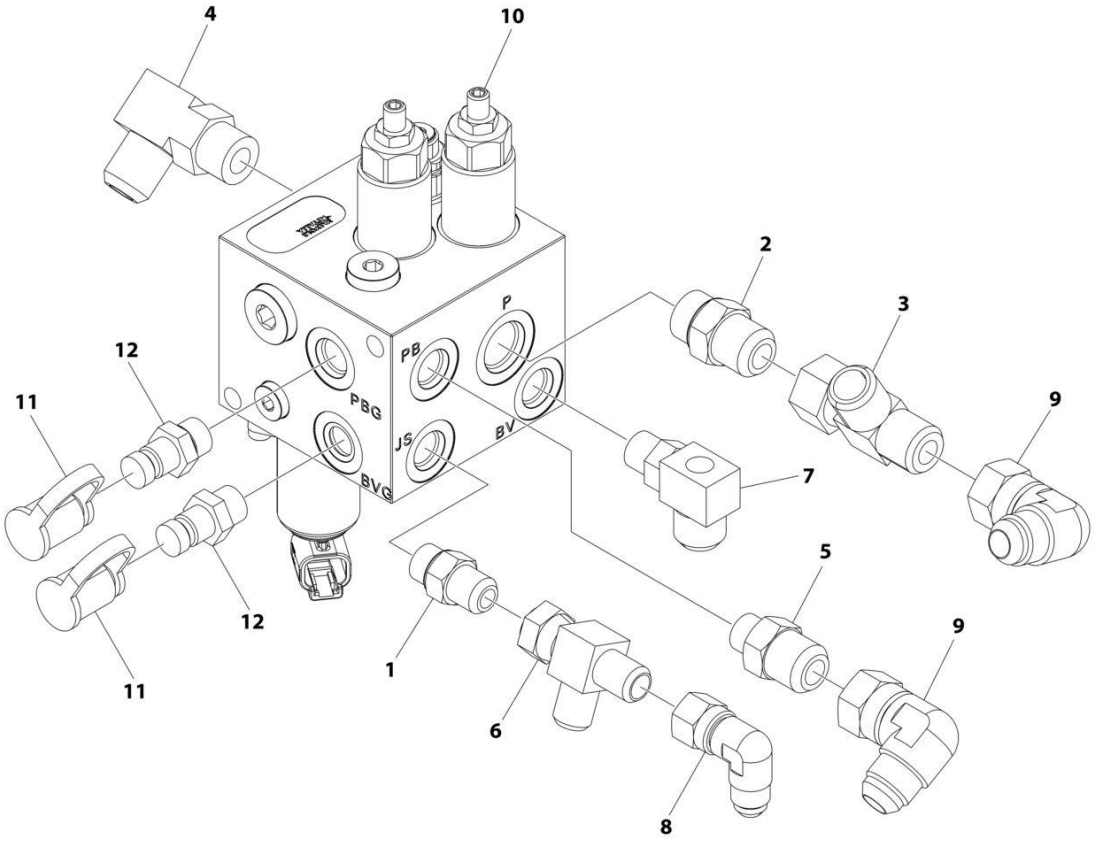


FIGURE 8-20. PUMP HYDRAULICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001243412	Ref	Hydraulic Pump Installation	C
1	0100011	AR	Compound, Locking	
2	8303675	4	Screw, 3/8 x 1-1/4	
3	8303519	4	Screw, M12 x 1-3/4	
4	8307005	4	Washer	
5	8310356	4	Washer	
6	8310420	2	Nut	
7	8310522	3	Nut	
8	8530030	2	Flange	
9	8630019	1	O-Ring	
10	8640123	1	O-Ring	
11	1001163685	2	Bolt, 5/16-18 x 4-1/2	
12	1001168451	1	Hose Assembly	
13	1001194592	1	Hose Assembly	
14	1001198684	1	Hose Assembly	
15	1001251426	1	Piston Pump Installation	
16	1001247171	1	Valve & Fitting Assembly - Secondary (See Separate Breakdown in this Section)	
17	1001243411	1	Valve & Fitting Assembly - Main (See Separate Breakdown in this Section)	
18	1001244278	1	Hose Assembly	
19	1001247654	1	Hose Assembly	
20	1001244302	1	Hose Assembly	

FIGURE 8-21. SECONDARY VALVE AND FITTING ASSEMBLY



ART_1001247171_C

FIGURE 8-21. SECONDARY VALVE AND FITTING ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001247171	Ref	SECONDARY VALVE AND FITTING ASSEMBLY	C
1	2220371	1	Fitting, Straight JIC/ORB	
2	2220373	1	Fitting, Straight JIC/ORB	
3	2220385	1	Fitting, Tee JIC/FSJIC/JIC	
4	2220596	1	Fitting, 90 JIC/ORB	
5	2220600	1	Fitting, Straight ORB	
6	2220635	1	Fitting, Tee FM SW x JIC x JIC	
7	2220726	1	Fitting, 90 JIC/ORB	
8	8760268	1	Fitting, 90 JIC/FSJIC	
9	8765204	2	Fitting, 90 JIC/FSJIC	
10	1001302359	1	Valve Assembly - Secondary (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
11	8430032	2	Plug, Dust Cap	
12	1001003590	2	Fitting, Straight ORB	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-1. CYLINDER ASSEMBLY - CARRIAGE SIDE SHIFT

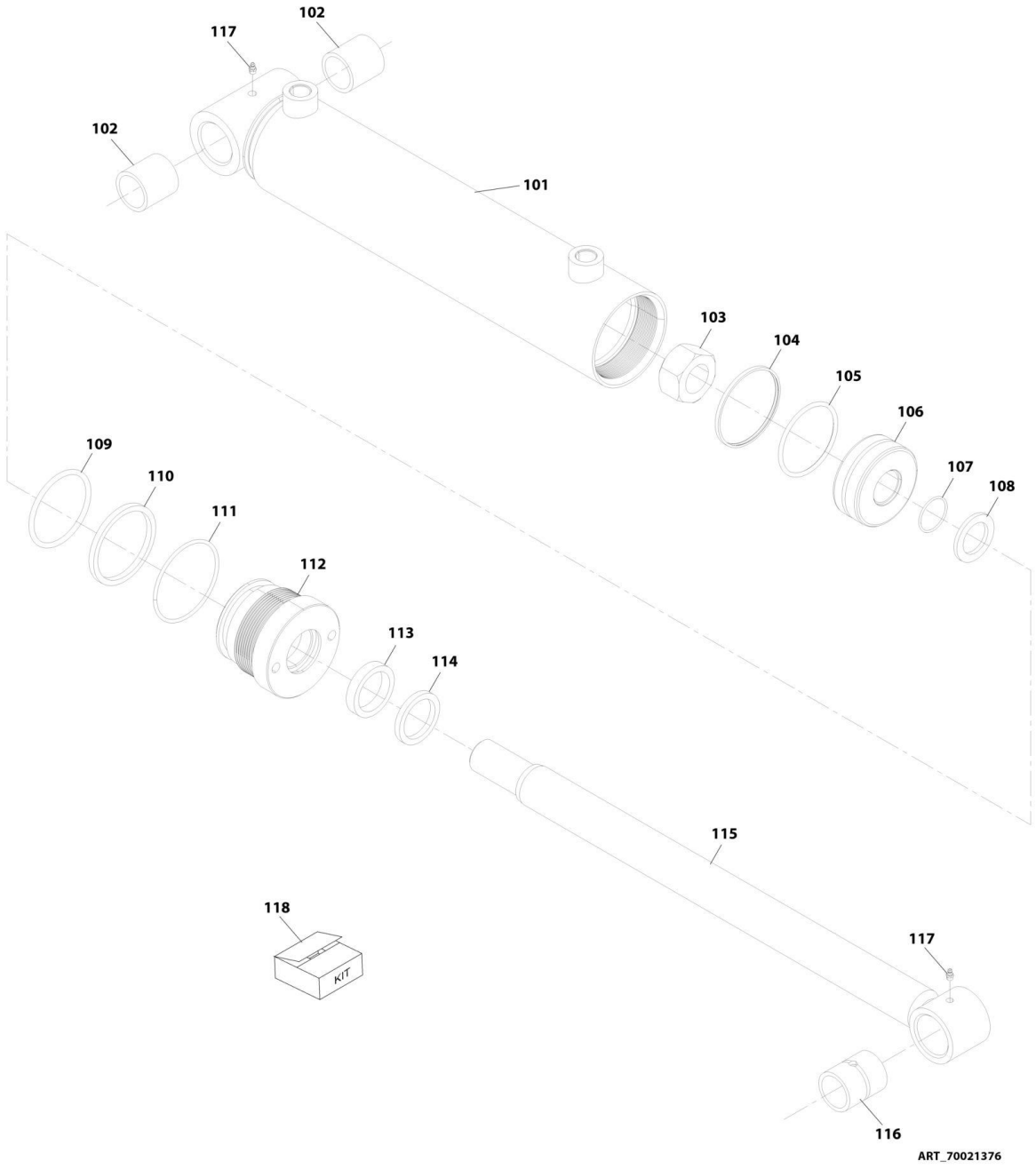


FIGURE 9-1. CYLINDER ASSEMBLY - CARRIAGE SIDE SHIFT

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 9-2. CYLINDER ASSEMBLY - CARRIAGE SIDE TILT

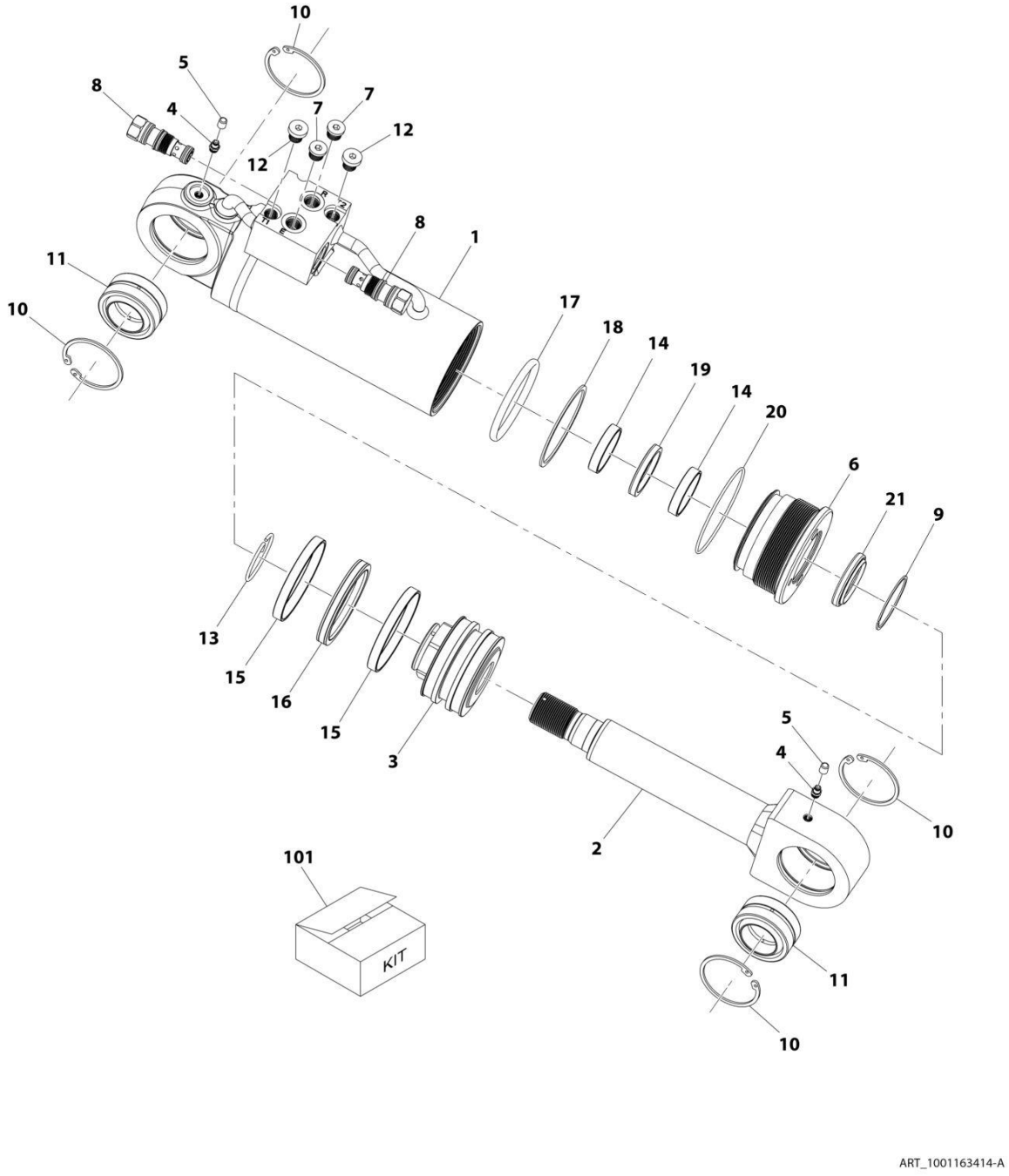


FIGURE 9-2. CYLINDER ASSEMBLY - CARRIAGE SIDE TILT

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 9-3. CYLINDER ASSEMBLY - CARRIAGE SWING

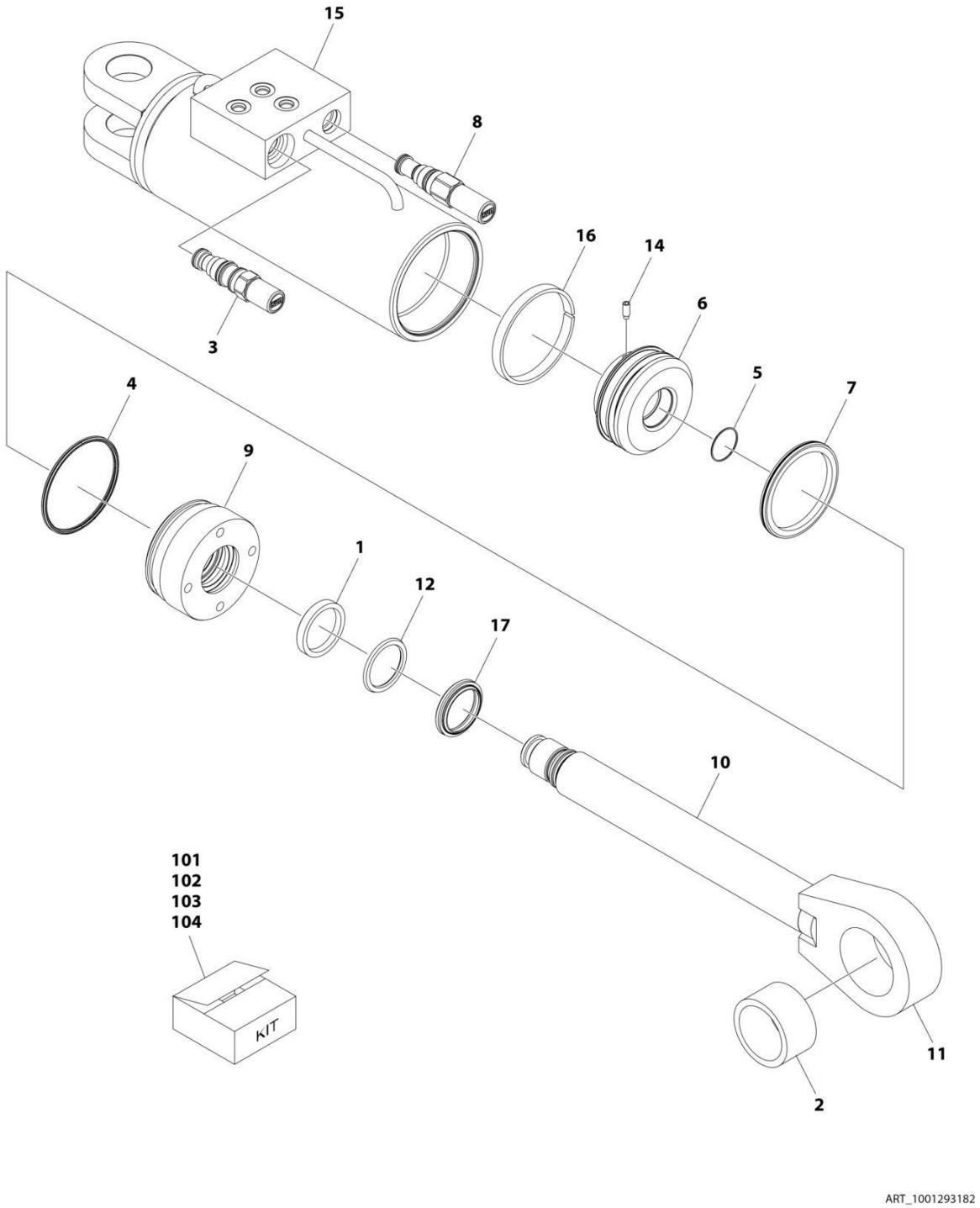


FIGURE 9-3. CYLINDER ASSEMBLY - CARRIAGE SWING

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 9-4. CYLINDER ASSEMBLY - COMPENSATION

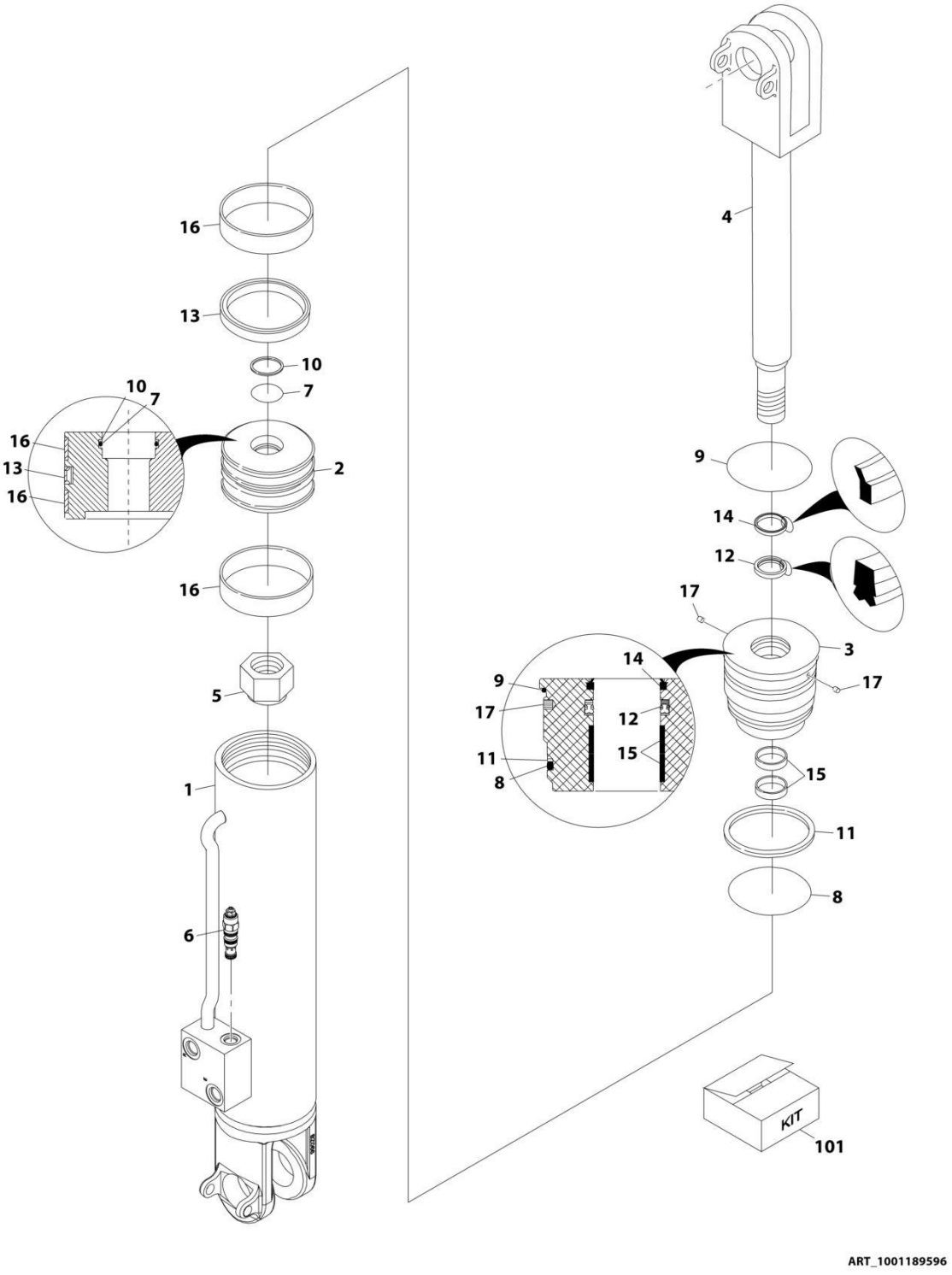


FIGURE 9-4. CYLINDER ASSEMBLY - COMPENSATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001189596	Ref	Compensation Cylinder	D
		Ref	**Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.**	
1	70026742	1	Tube, Cylinder	
2	8035613	1	Piston	
3	8035612	1	Gland, Head	
4	8035611	1	Rod	
5	8035547	1	Nut, Lock	
6	1001232216	1	Counterbalance Valve	
7	Kit	1	O-Ring	
8	Kit	1	O-Ring	
9	Kit	1	O-Ring	
10	Kit	1	Ring, Backup	
11	Kit	1	Ring, Backup	
12	Kit	1	Z-Seal, Deep	
13	Kit	1	T-Seal, Capped	
14	Kit	1	Wiper, Seal	
15	Kit	1	Wearband	
16	Kit	1	Wearband	
17	Kit	2	Insert, Locking	
101	8034695	1	Seal Kit, (includes items 6 thru 17)	

FIGURE 9-5. CYLINDER ASSEMBLY - EXTEND/RETRACT

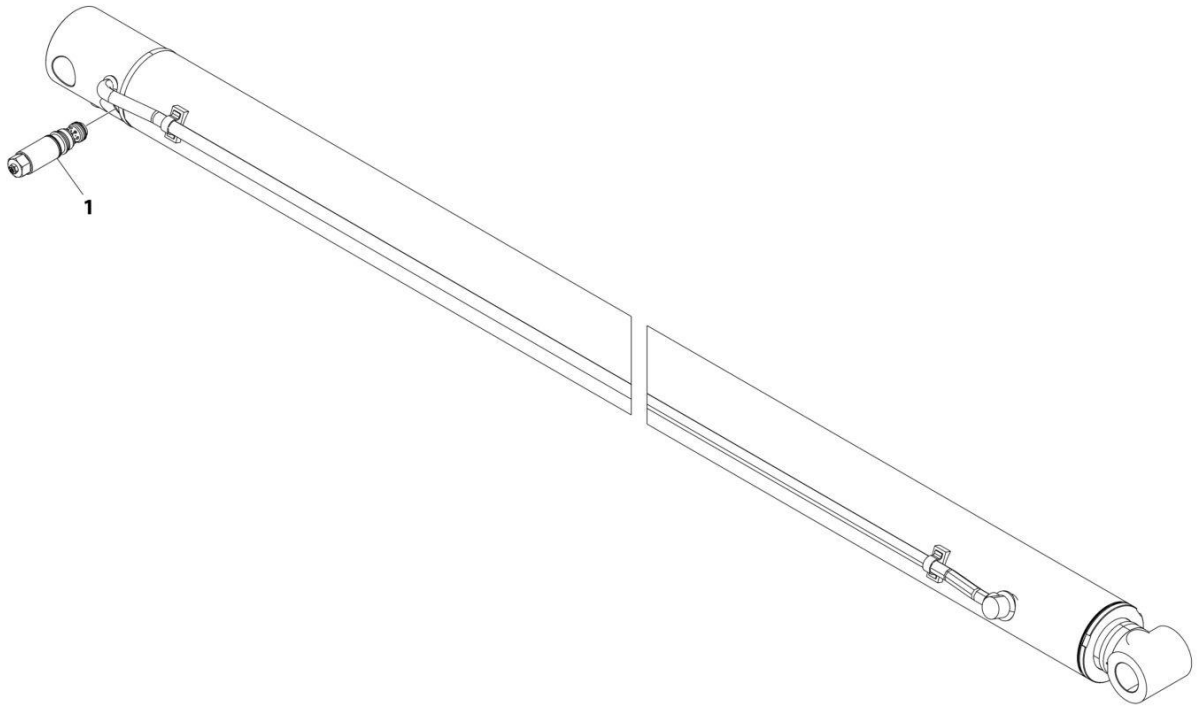


FIGURE 9-5. CYLINDER ASSEMBLY - EXTEND/RETRACT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267966	Ref	CYLINDER TELESCOPE	A
		Ref	**Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.**	
1	1001170316	1	Valve	
		Ref	Note: No Other Service Parts Available at Time of Printing.	

FIGURE 9-6. CYLINDER ASSEMBLY - FORK POSITIONING

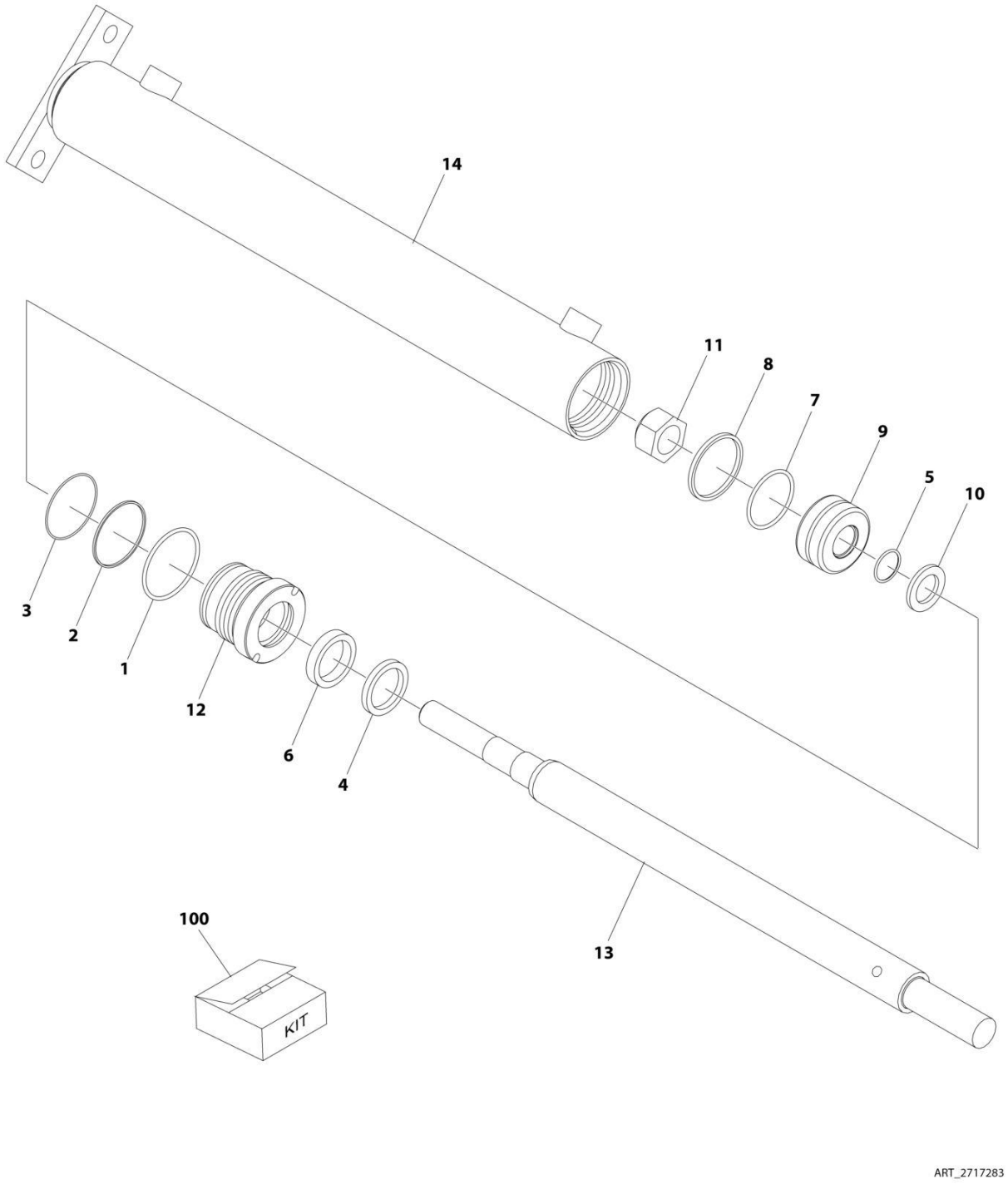


FIGURE 9-6. CYLINDER ASSEMBLY - FORK POSITIONING

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 9-7. CYLINDER ASSEMBLY - FORK TILT

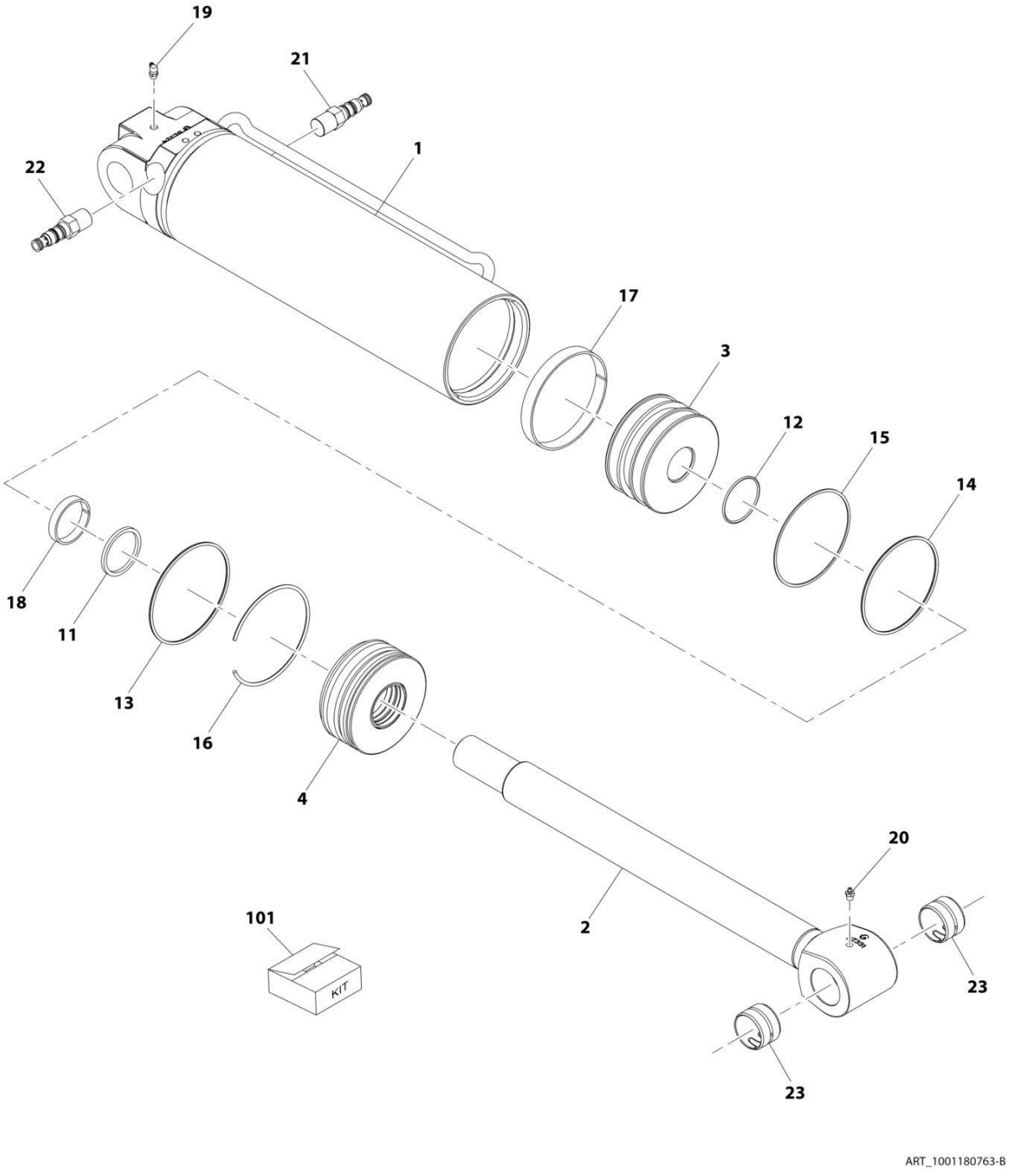


FIGURE 9-7. CYLINDER ASSEMBLY - FORK TILT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180763	Ref	FORK TILT CYLINDER ASSEMBLY	B
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1		Ref	Barrel (Note: Use PN 1001180763)	
2	70028402	1	Rod	
3	70028403	1	Piston	
4	70028404	1	Head	
7	3951404	1	Setscrew 1/4 x 1/2 (Not Shown - Used With Item 3 Piston)	
8	Kit	NSS	Seal, Piston (Not Shown) (Use Item 101)	
9	Kit	NSS	Ring (Not Shown) (Use Item 101)	
10	Kit	NSS	Wiper (Not Shown) (Use Item 101)	
11	Kit	NSS	Seal, Rod (Use Item 101)	
12	Kit	NSS	O-Ring (Use Item 101)	
13	Kit	NSS	O-Ring (Use Item 101)	
14	Kit	NSS	O-Ring (Use Item 101)	
15	Kit	NSS	Ring, Backup (Use Item 101)	
16	Kit	NSS	Ring, Backup (Use Item 101)	
17	Kit	NSS	Wearband for the Piston (Use Item 101)	
18	Kit	NSS	Wearband for the Gland (Use Item 101)	
19	70028407	1	Fitting, Grease (90)	
20	70020375	1	Fitting, Grease (Straight)	
21	8035321	1	Cartridge, Counterbalance Valve	
22	8036750	1	Cartridge, Check Valve	
23	70031092	2	Bushing	
101	70028408	1	Seal Kit - 1001180763 Cylinder (includes items 8 thru 18)	

FIGURE 9-8. CYLINDER ASSEMBLY - FRAME LEVEL

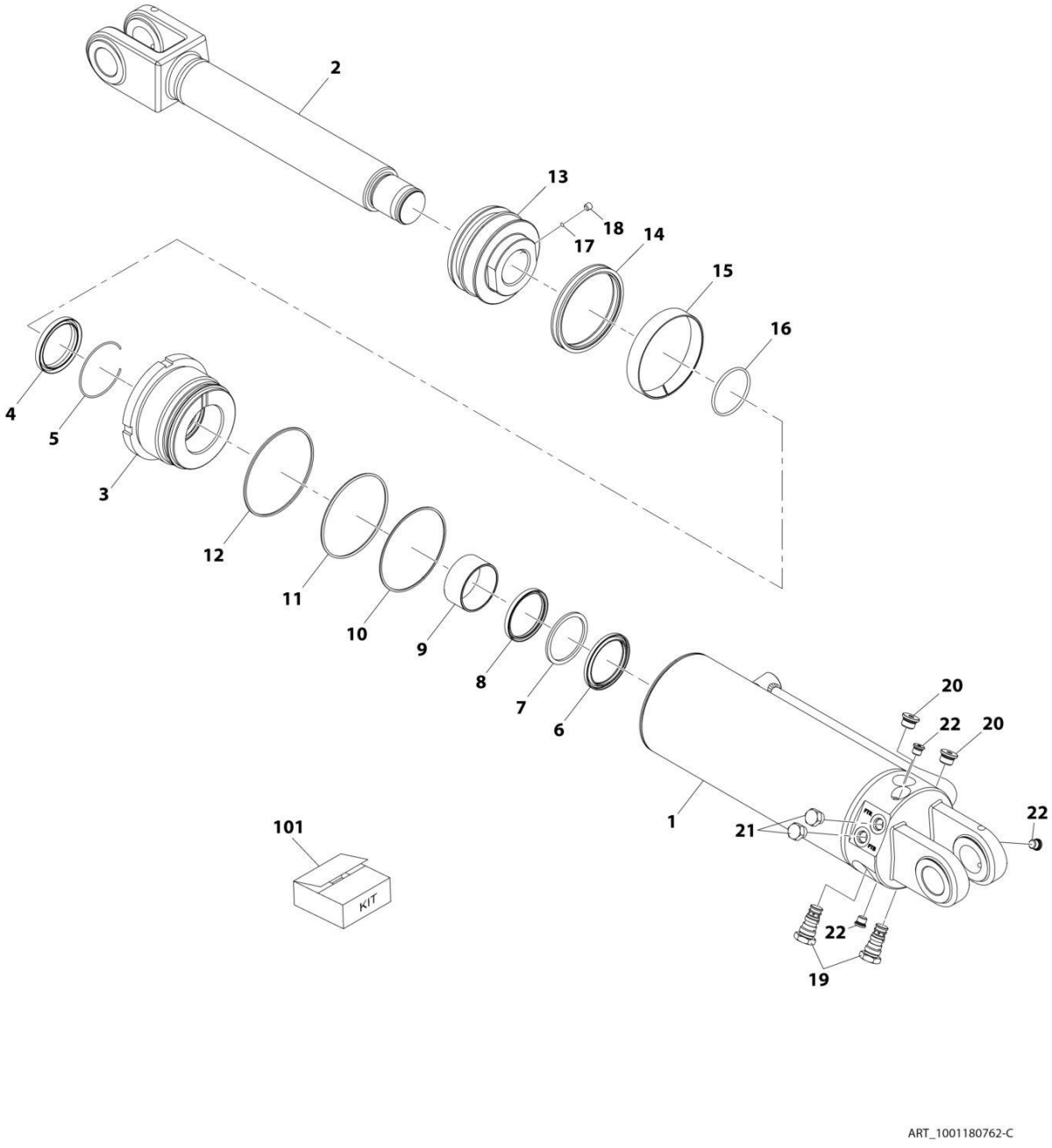


FIGURE 9-8. CYLINDER ASSEMBLY - FRAME LEVEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180762	Ref	Frame Level Cylinder Assembly	C
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70027689	1	Barrel	
2	70027690	1	Rod	
3	70027691	1	Head	
4	Kit	NSS	Wiper (Note: Use Item 101)	
5	70027244	1	Ring, Retaining	
6	Kit	NSS	Seal, Rod (Note: Use Item 101)	
7	Kit	NSS	Ring, Back-Up (Note: Use Item 101)	
8	Kit	NSS	Ring, Buffer (Note: Use Item 101)	
9	70004637	1	Ring, Wear	
10	Kit	NSS	O-Ring (Note: Use Item 101)	
11	Kit	NSS	Ring, Back-Up (Note: Use Item 101)	
12	Kit	NSS	O-Ring (Note: Use Item 101)	
13	70027692	1	Piston	
14	Kit	NSS	Seal, Piston (Note: Use Item 101)	
15	Kit	NSS	Ring, Wear (Note: Use Item 101)	
16	Kit	NSS	O-Ring	
17	70022564	1	Ball	
18	70022563	1	Setscrew	
19	70027693	2	Valve, Check	
20	70027694	2	Plug	
21	70027695	2	Plug	
22	2220883	3	Plug	
101	70027696	1	Seal Kit (Includes Items 4,6-8, 10-12 & 14-16)	

FIGURE 9-9. CYLINDER ASSEMBLY - GRAPPLE BUCKET

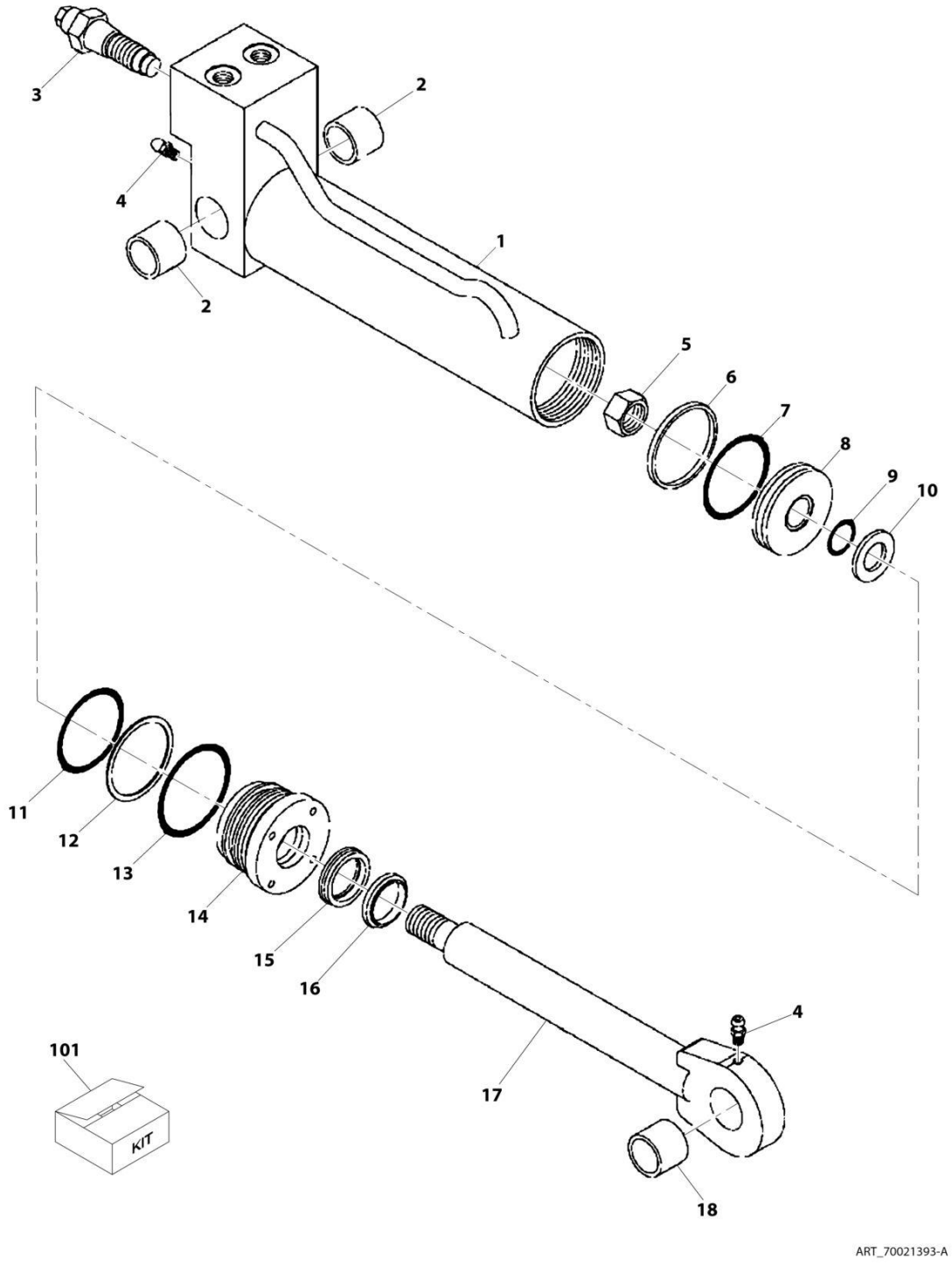


FIGURE 9-9. CYLINDER ASSEMBLY - GRAPPLE BUCKET

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 9-10. CYLINDER ASSEMBLY - LIFT

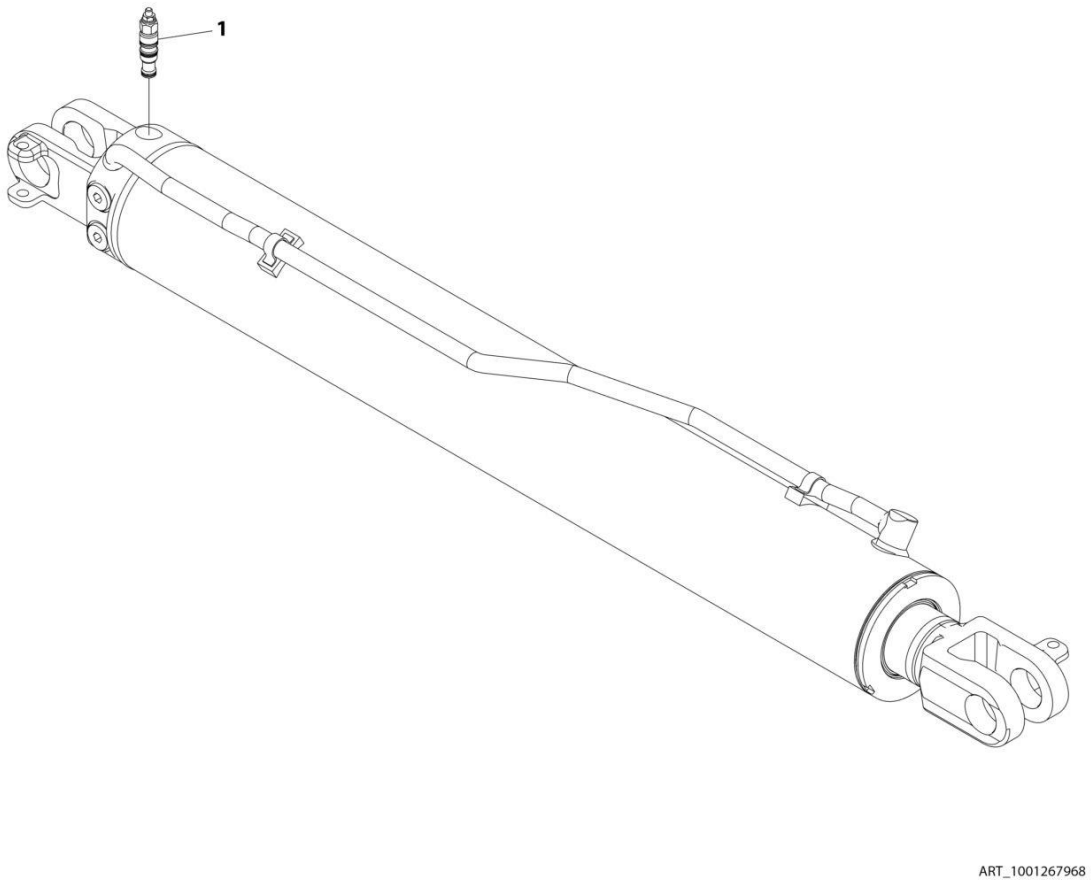


FIGURE 9-10. CYLINDER ASSEMBLY - LIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267968	Ref	CYLINDER LIFT	D
		Ref	**Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.**	
1	1001254411	1	Valve	
		Ref	Note: No Other Service Parts Available at Time of Printing.	

FIGURE 9-11. CYLINDER ASSEMBLY - STABLI-TRAK

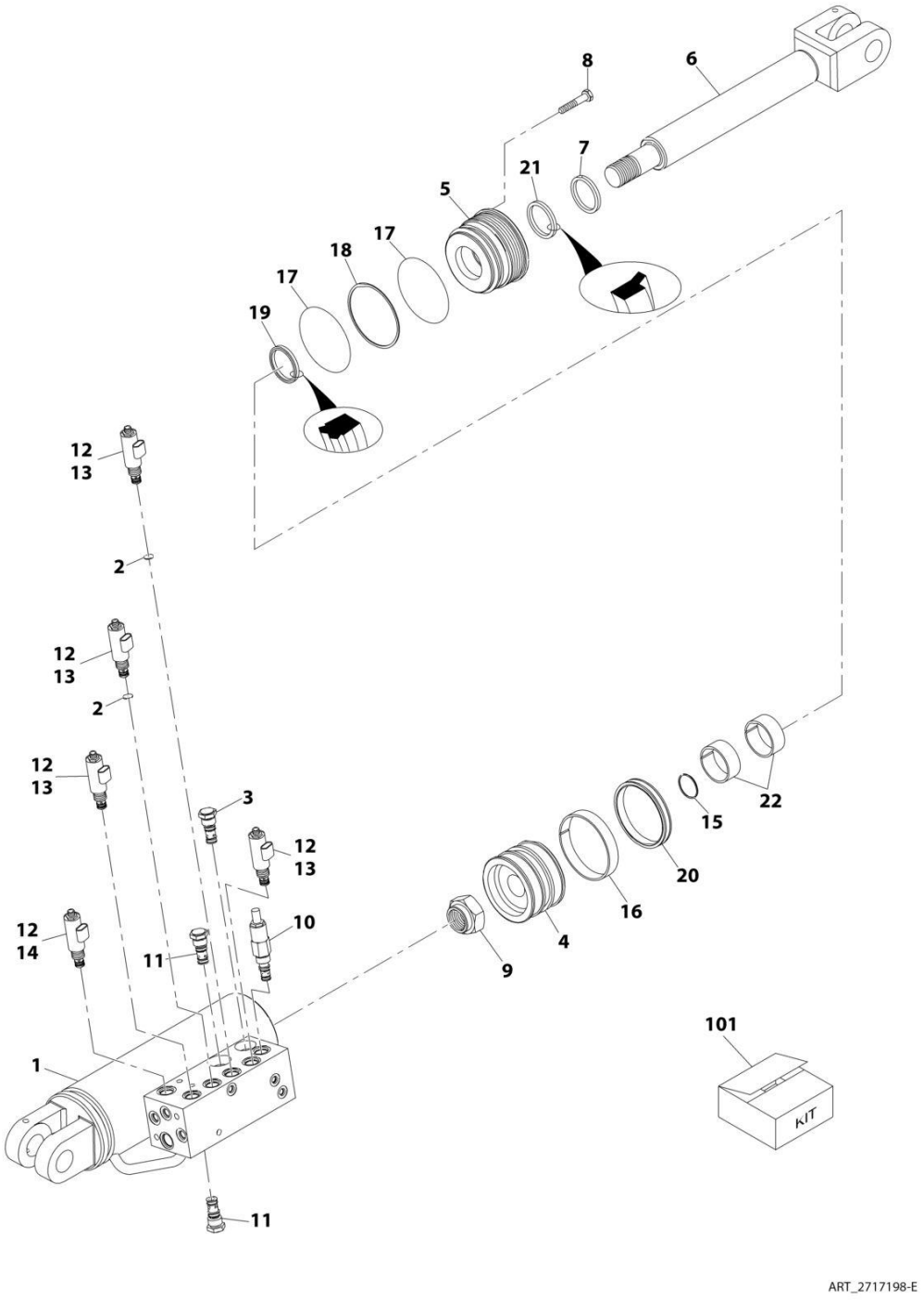


FIGURE 9-11. CYLINDER ASSEMBLY - STABLI-TRAK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2717198	Ref	Stabil-Trak Cylinder	E
		Ref	**Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.**	
1	N.S.S.	NSS	Barrel (Note Use PN 2717198)	
2	8035781	2	Orifice	
3	8036582	1	Valve, Check	
3	7017496	1	Kit, Seal	
4	8036826	1	Piston	
5	8036828	1	Guide	
6	8036827	1	Rod	
7	7029153	1	O-Ring	
8	8036811	1	Setscrew, Set 1/4X3/8	
9	8036825	1	Nut 1-1/2	
10	8035282	1	Valve, Pressure Reducing	
10	8032994	1	Kit, Seal	
11	8035281	2	Valve, Check	
11	8036192	2	Kit, Seal	
12	7029246	5	Coil, Solenoid	
13	8036581	4	Valve, Solenoid	
13	7017496	4	Seal Kit - 8036581 Valve	
14	8036580	1	Valve, Solenoid	
14	7012903	1	Seal Kit - 8036580 Valve	
15	Kit	NSS	O-Ring (Note: Use Item 101)	
16	Kit	NSS	Ring, Wear (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	Z-Seal (Note: Use Item 101)	
20	Kit	NSS	T-Seal (Note: Use Item 101)	
21	Kit	NSS	Ring, Wiper (Note: Use Item 101)	
22	Kit	NSS	Ring, Wear	
101	8036747	1	Kit, Seal (includes items 15 thru 22)	

FIGURE 9-12. FLOW DIVIDER VALVE

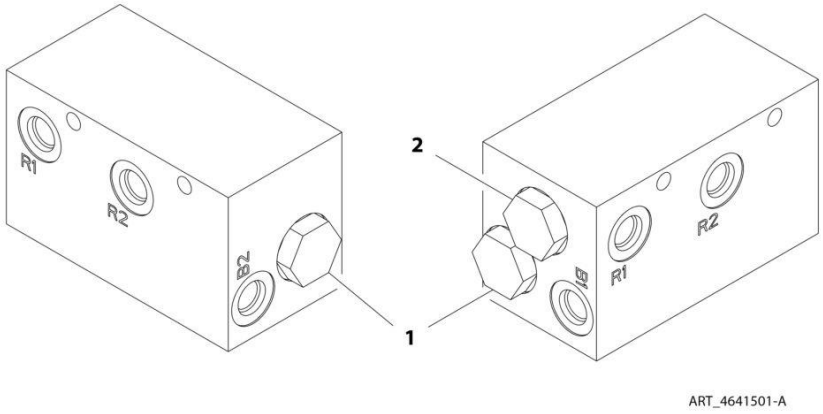
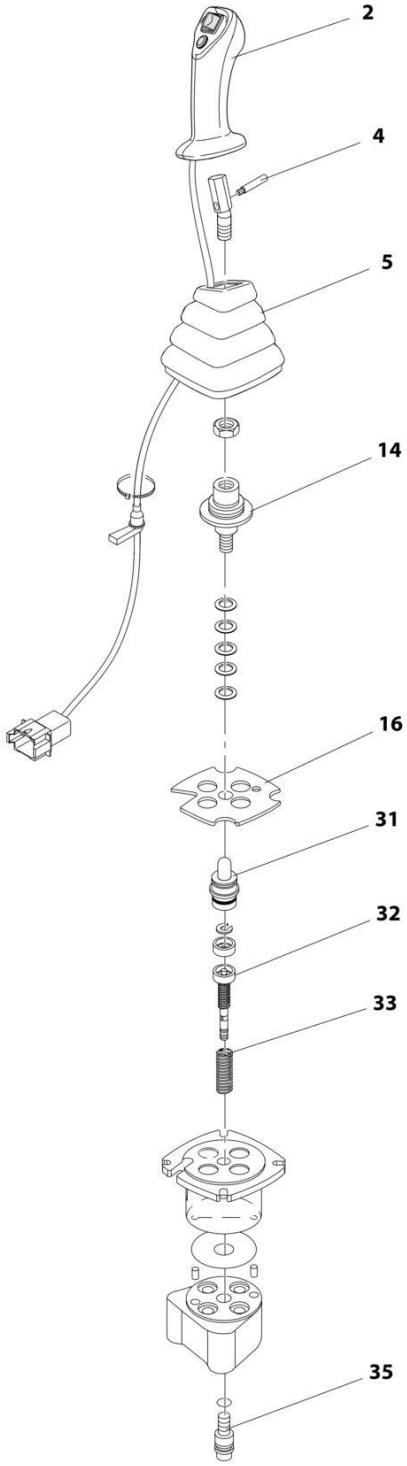


FIGURE 9-12. FLOW DIVIDER VALVE

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

FIGURE 9-13. JOYSTICK ASSEMBLY

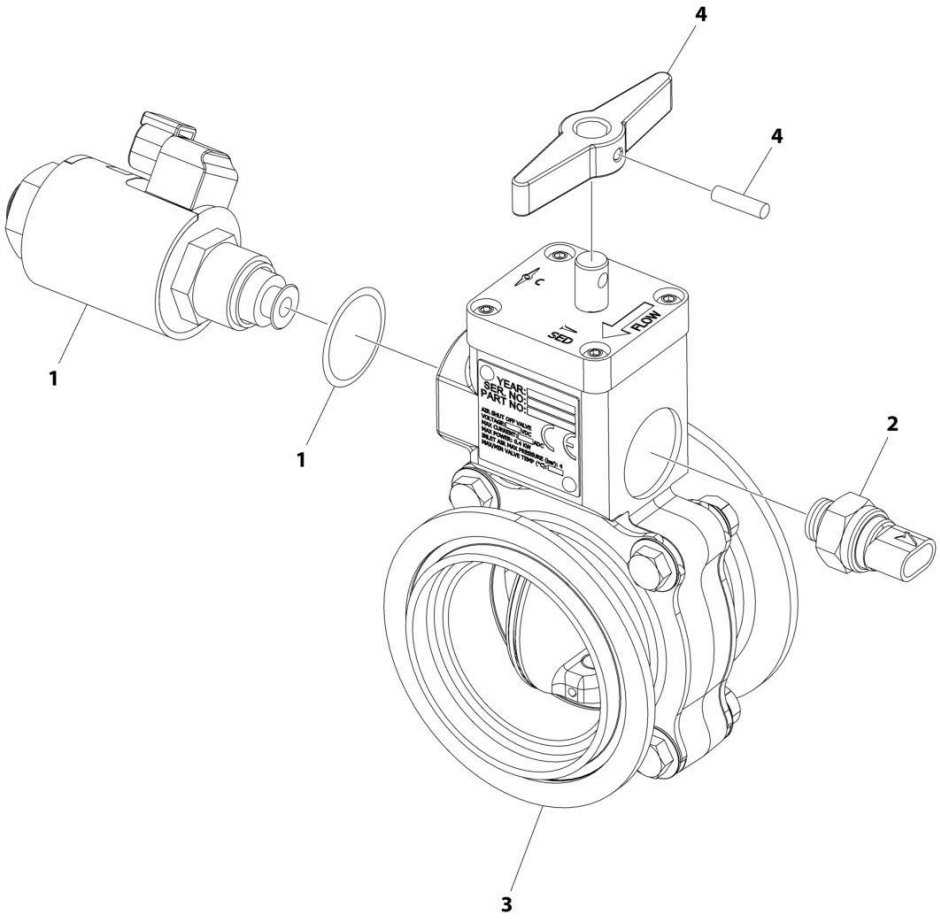


ART_1001158002-B

FIGURE 9-13. JOYSTICK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158002	Ref	Pilot Joystick Control	B
2	70026097	1	Handle	
4	91404011	1	Kit, Bent Lever	
5	80364095	1	Boot, Rubber	
14	80264138	1	Kit, Cardan	
16	91404013	1	Plate, Retaining	
31	91304025	2	Kit, Plunger (set of two)	
32	70026098	4	Unit, Regulating	
33	91514225	1	Spring, Return (set of four)	
35	91404326	1	Kit, Seal	

FIGURE 9-14. VALVE ASSEMBLY - AIR SHUT OFF



ART_1001204032_C

FIGURE 9-14. VALVE ASSEMBLY - 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 9-15. VALVE SUB-ASSEMBLY - BRAKE

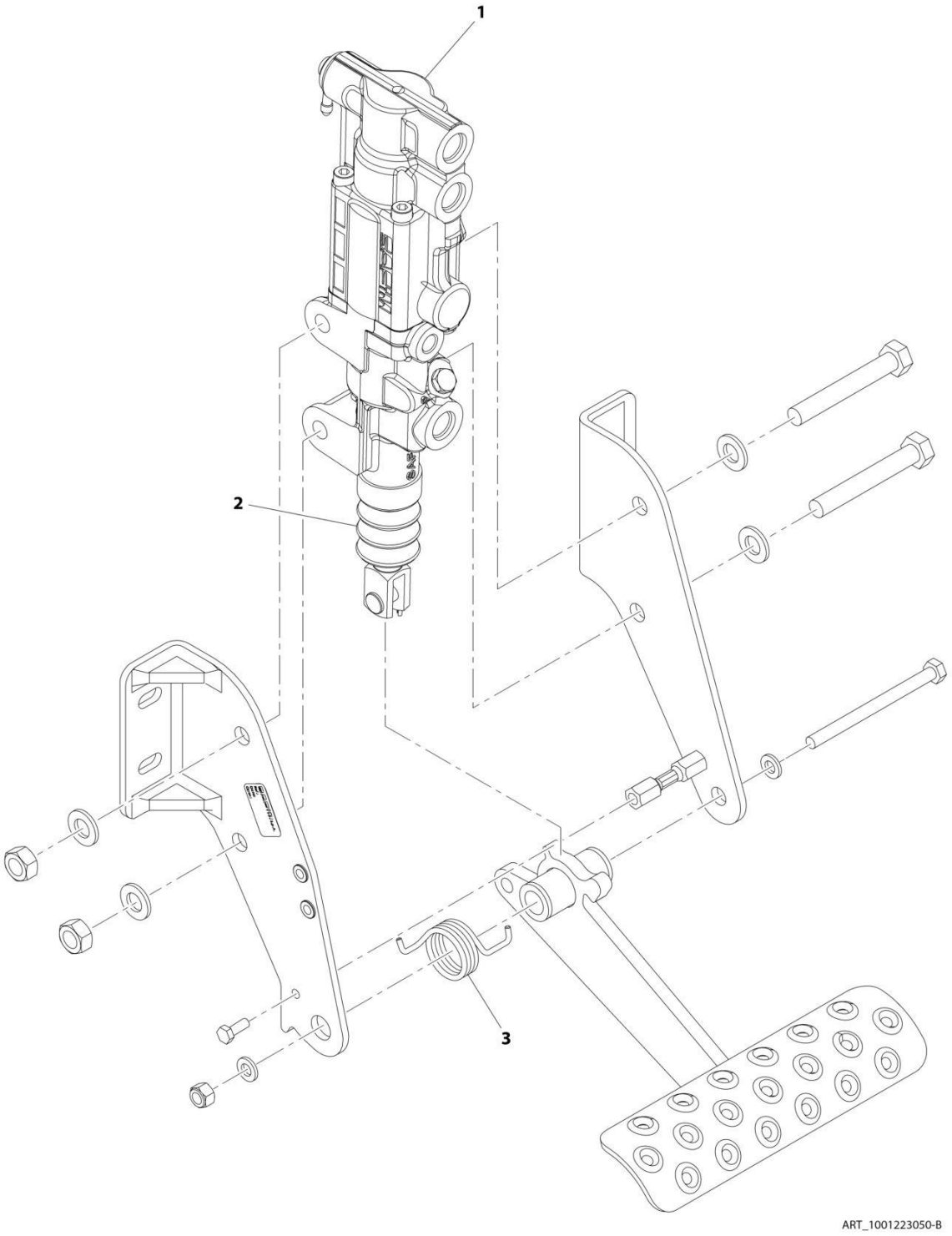


FIGURE 9-15. VALVE SUB-ASSEMBLY - BRAKE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223050	Ref	Hydraulic Brake Valve Installation	B
1	1001201721	1	Brake Valve (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
2	70025859	1	Dust Cover	
3	70028547	1	Spring, Return	

FIGURE 9-16. VALVE ASSEMBLY - BRAKE

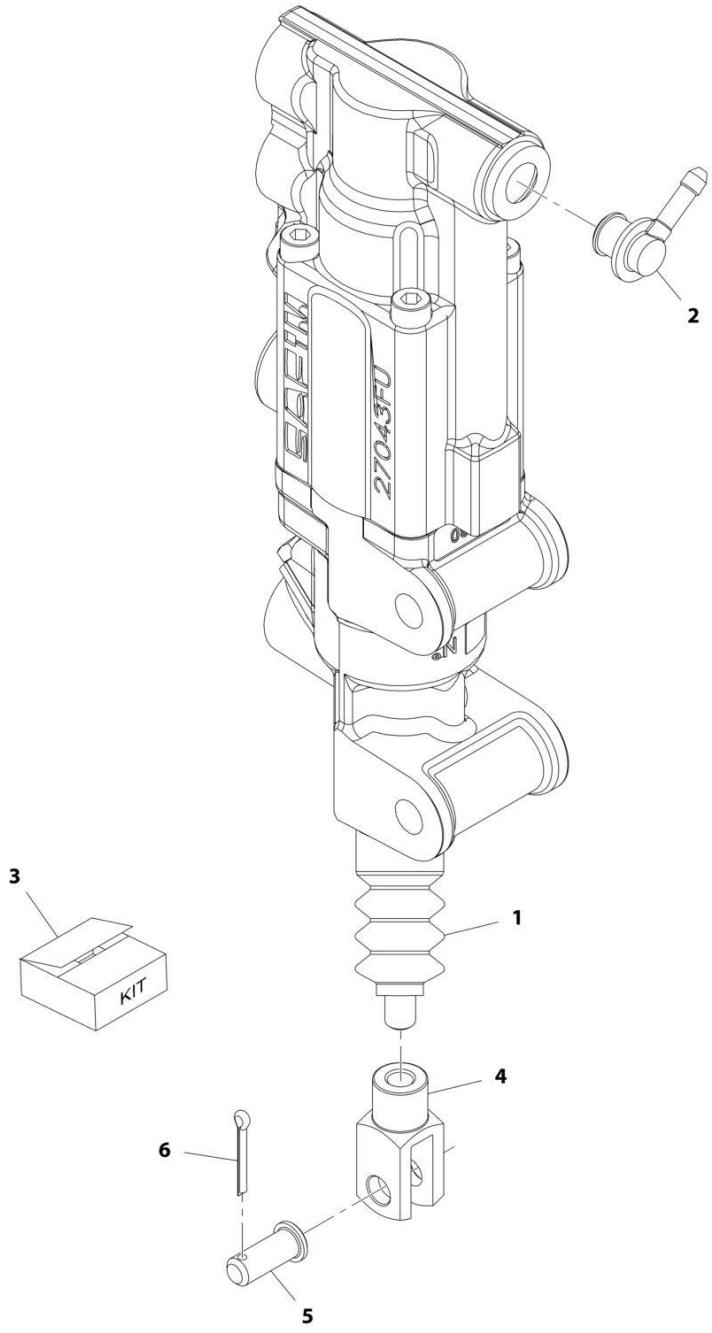


FIGURE 9-16. VALVE ASSEMBLY - BRAKE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201721	Ref	Brake Valve	D
1	70025859	1	Dust Cover	
2	70027275	1	Reservoir Joint	
3	70027276	1	Seal Kit	
4	70022650	1	Yoke	
5	70020743	1	Pin, Yoke	
6	70020745	1	Pin, Cotter	

FIGURE 9-17. VALVE ASSEMBLY - CARRIAGE FORK POSITIONING

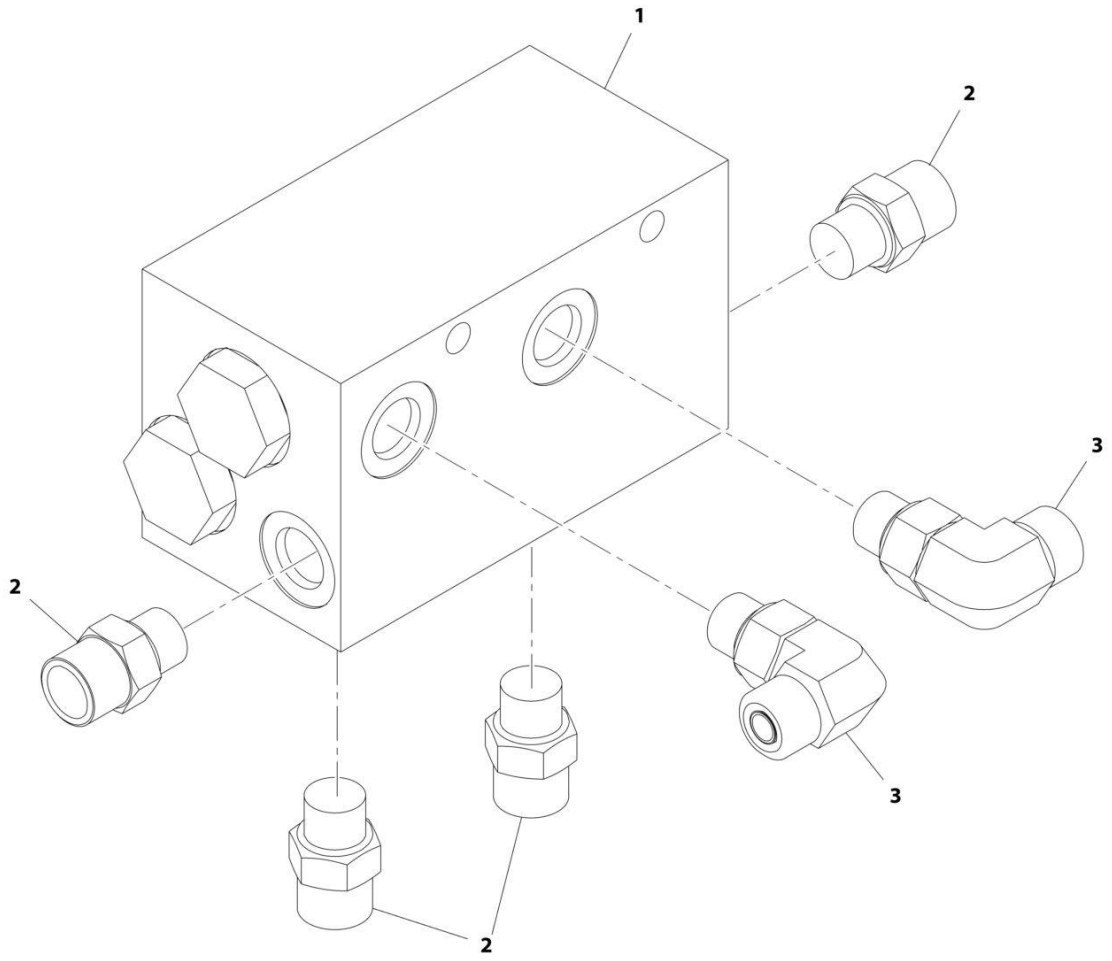


FIGURE 9-17. VALVE ASSEMBLY - CARRIAGE FORK POSITIONING

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 9-18. VALVE ASSEMBLY - MAIN CONTROL

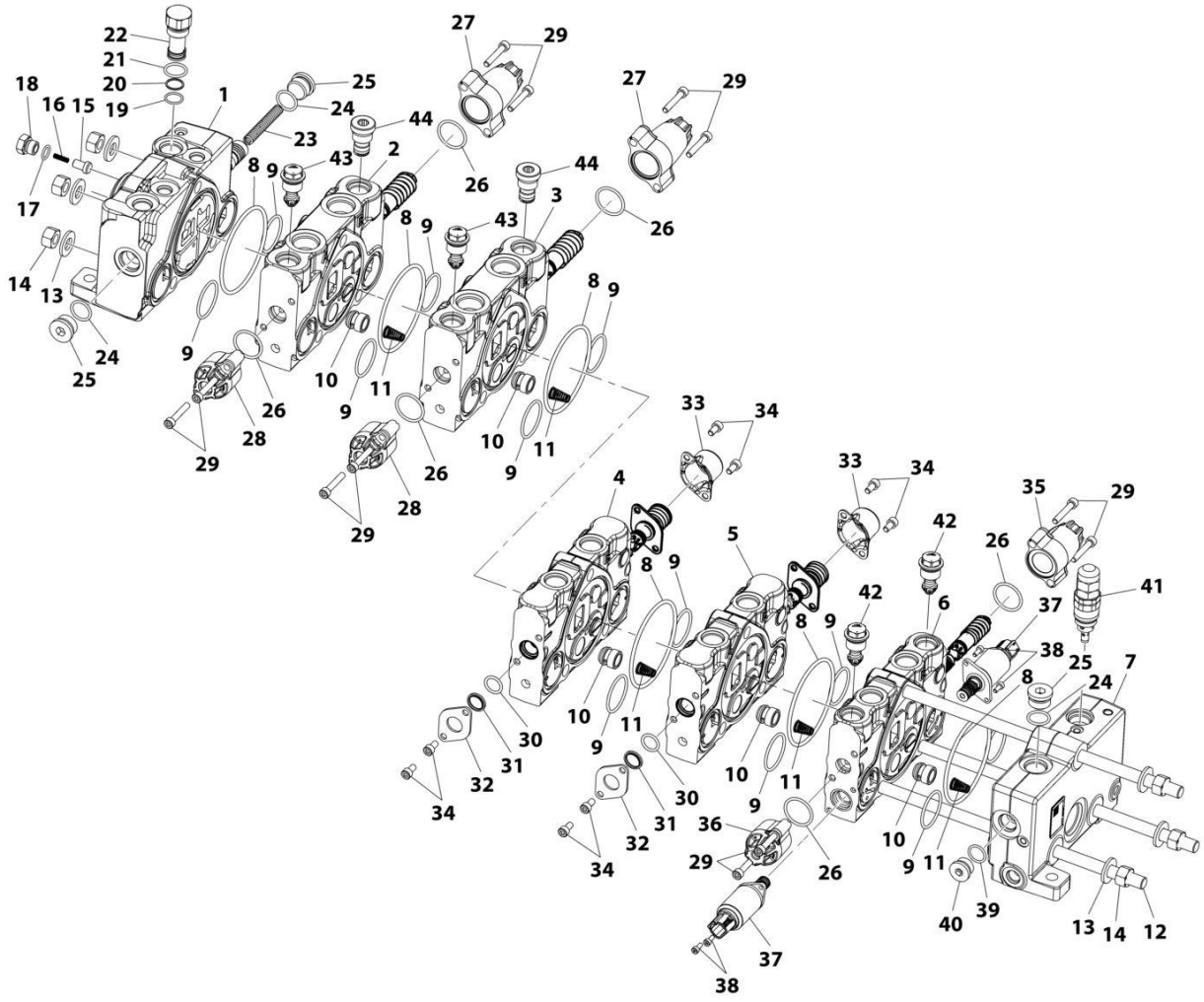
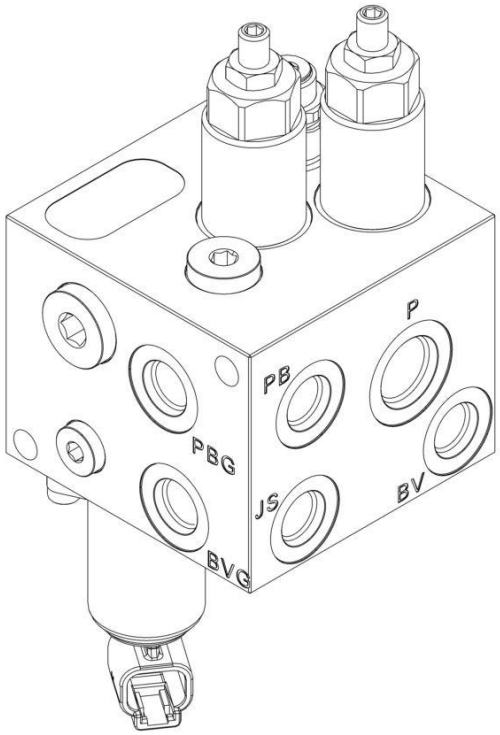


FIGURE 9-18. VALVE ASSEMBLY - MAIN CONTROL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242925	Ref	MAIN CONTROL VALVE	F
1	70030023	1	Inlet Section Assembly	
2	70030001	1	Lift Section Assembly	
3	70030002	1	Extend/Retract Section Assembly	
4	70030003	1	Aux Section Assembly	
5	70030004	1	Sway Section Assembly	
6	70030005	1	Tilt Section Assembly	
7	70030006	1	Outlet Section Assembly	
8	8034697	6	O-Ring	
9	70030007	12	O-Ring	
10	8903015	5	Poppet CV	
11	70030012	5	Spring	
12	70030038	3	Tie Rod	
13	70030039	6	Washer	
14	8035347	6	Nut	
15	70030009	1	Poppet, CV	
16	70030010	1	Spring	
17	70030040	1	O-Ring	
18	70030011	1	Plug	
19	70026370	1	O-Ring	
20	70026376	1	Back-Up Ring	
21	10837928	1	O-Ring	
22	70030041	1	Drain Regulator Assembly	
23	70030008	1	Spring	
24	70026652	3	O-Ring	
25	70026653	3	Plug	
26	70030013	6	O-Ring	
27	70030015	2	Spool Cap	
28	70030014	2	Spool Cap	
29	70030016	12	Screw	
30	8037109	2	O-Ring	
31	70030018	2	Wiper	
32	70030017	2	Sealing Plate	
33	70030019	2	Cap Spool	
34	70026133	8	Screw	
35	70030021	1	Spool Cap	
36	70030020	1	Spool Cap	
37	70029874	2	Valve, Solenoid Cartridge	
38	70022014	4	Screw	
39	70024202	1	O-Ring	
40	8035382	1	Plug Assembly	
41	70030022	1	Valve Assembly, LS Relief	
42	70027134	2	Valve Assembly, Relief	
43	70025982	2	Valve Assembly, Relief	
44	70022008	2	Shut-Off Plug Assembly	

FIGURE 9-19. VALVE ASSEMBLY - SECONDARY



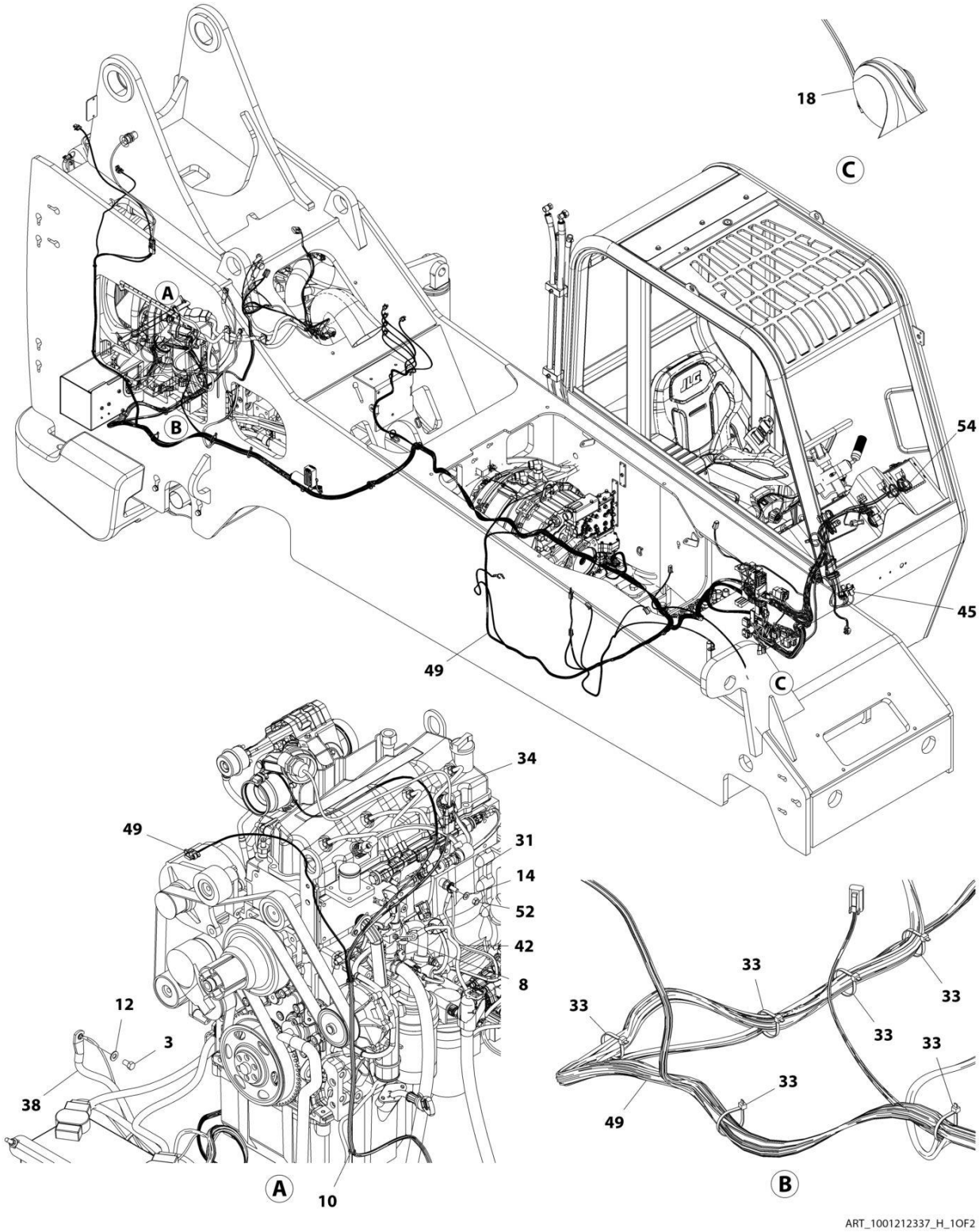
ART_1001302359

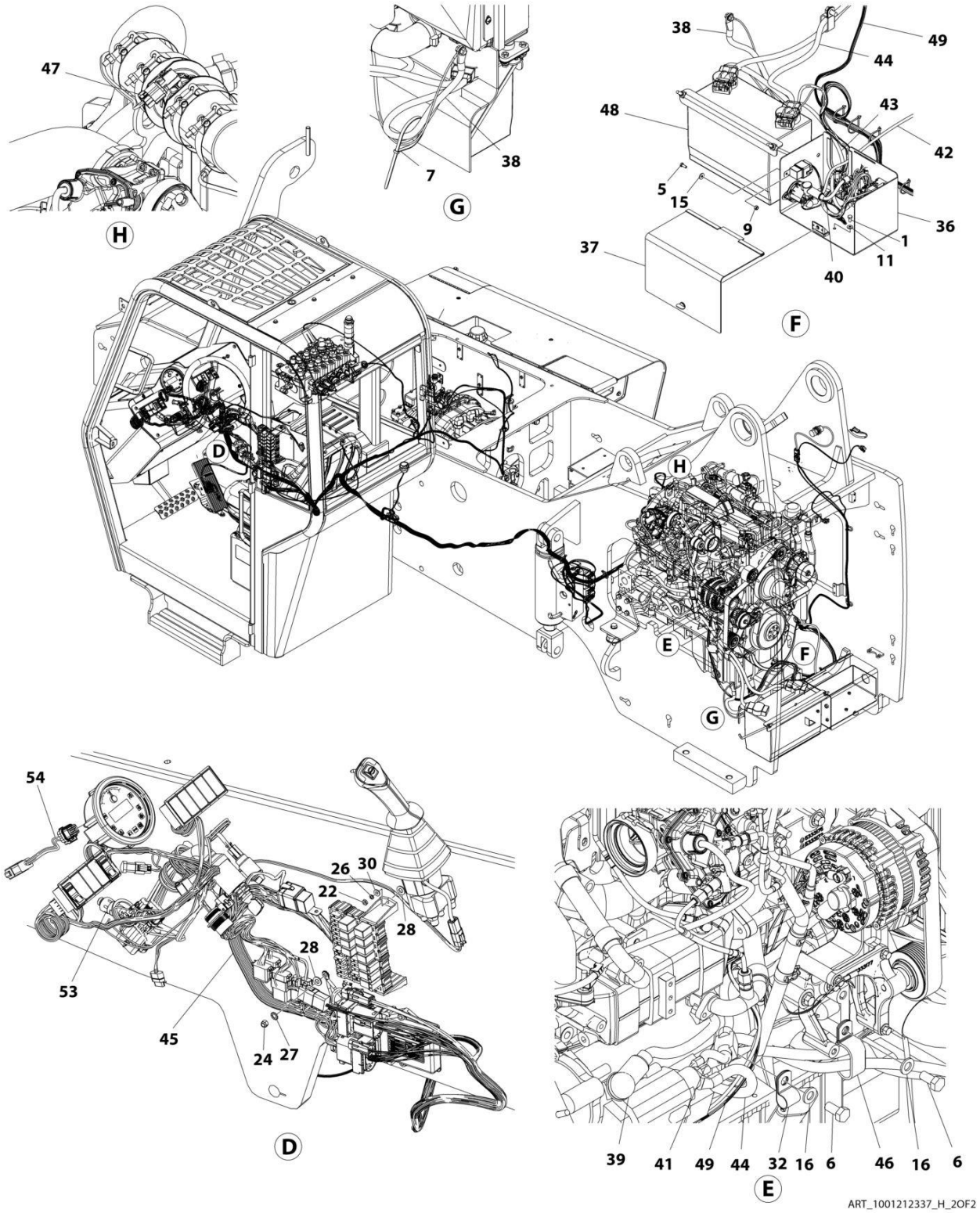
FIGURE 9-19. VALVE ASSEMBLY - SECONDARY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001302359	Ref	VALVE ASSEMBLY - SECONDARY	A
1	See Note	Ref	Note: No Service Parts Available at Time of Printing	

SECTION 10 - ELECTRICAL

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



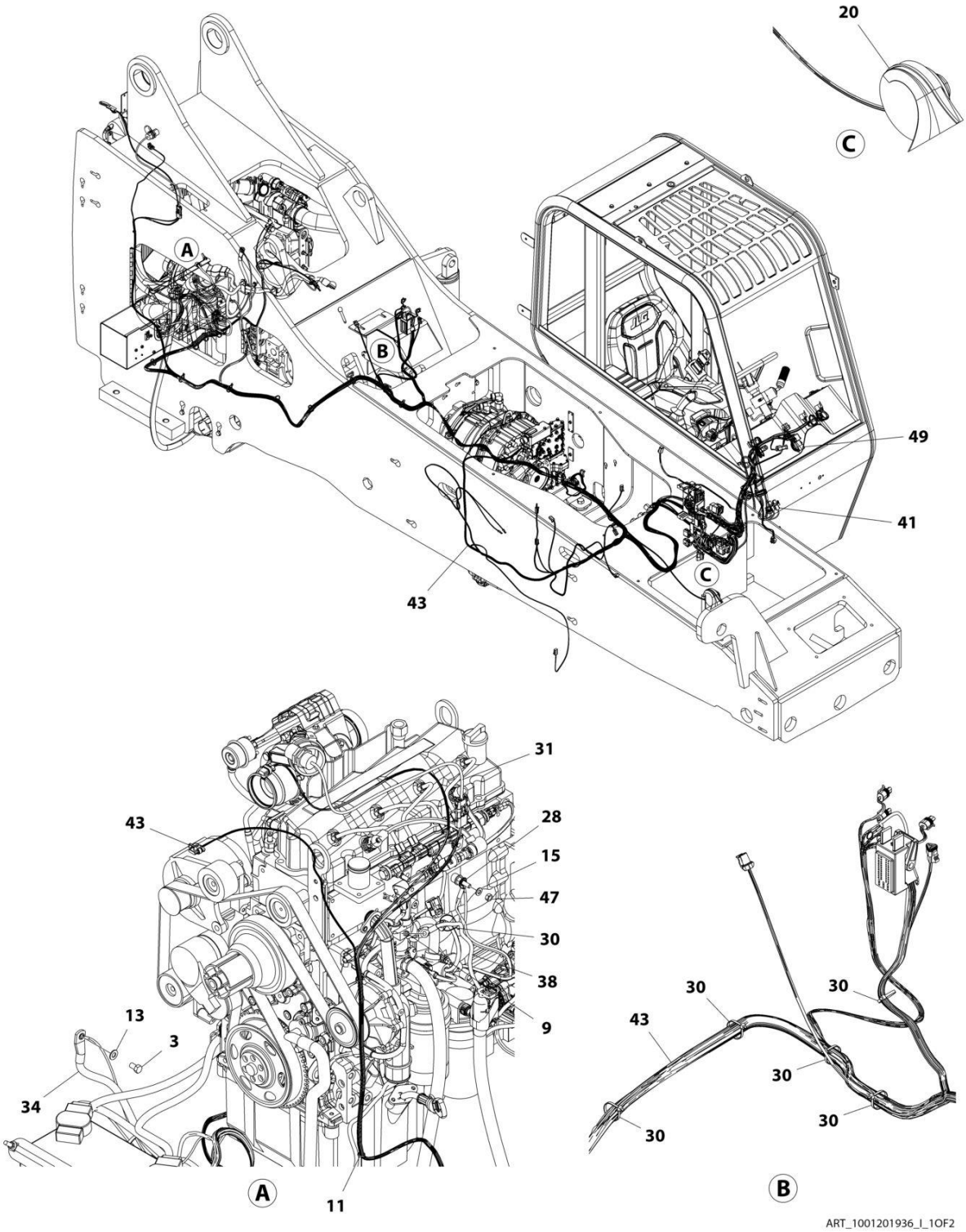

47
H
7
38
G
38
49
44
48
43
42
5
15
9
36
1
37
11
40
F
D
H
E
F
G
54
26
30
22
28
28
53
45
24
27
D
C
39
41
49
44
32
16
6
46
16
6
E
ART_1001212337_H_2OF2

SECTION 10 - ELECTRICAL

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212337	Ref	ELECTRICAL INSTALLATION, 74HP (ULS)	H
1	0641404	3	Bolt 1/4 x 1/2	
3	0641605	1	Bolt 3/8 x 5/8	
5	8303545	1	Bolt M6 x 14	
6	0761212	2	Bolt M12 x 25	
7	1062255	1	Strap, Tie	
8	3290601	1	Nut M6 x 1	
9	3290605	1	Nut M6 x 1	
10	4240017	3	Strap, Tie	
11	4711400	3	Washer 1/4	
12	4711600	1	Washer 3/8	
14	4811900	1	Washer M8	
15	4811702	1	Washer M6	
16	4812100	2	Washer M12	
18	8270620	1	Horn, Signal	
22	8305002	3	Nut #10	
24	8305624	2	Nut, Lock 1/4	
26	8307003	3	Washer, Lock M10	
27	8307027	4	Washer, Lock 5/16	
28	8307106	5	Washer 5/16	
30	8307111	3	Washer M10	
31	8310046	1	Washer, Lock M10	
32	8406105	1	Clip Tube	
33	8584001	12	Wrap, Tie	
34	1001130307	1	Sensor, Boom	
36	1001170233	1	Installation, Relay Panel (See Separate Breakdown in this Section)	
37	1001170234	1	Assembly, Relay Panel Cover (See Separate Breakdown in this Section)	
38	1001171234	1	Cable, Battery Negative	
39	1001171236	1	Cable, Starter Ground	
40	1001171237	1	Cable, Grid Heater to Fuse Power	
41	1001171238	1	Cable, Alternator Power	
42	1001171239	1	Cable, Grid Heater Power	
43	1001171633	1	Cable, Buss Power	
44	1001171757	1	Cable, Starter Power	
45	1001299369	1	Harness, Cab Power Distribution (See Separate Breakdown in this Section)	
46	1001181899	1	Clamp	
47	1001184835	1	Harness, TBAP (See Separate Breakdown in this Section)	
48	1001186841	1	Installation, Battery (See Separate Breakdown in this Section)	
49	1001199889	1	Engine Harness (See Separate Breakdown in this Section)	
52	3290801	1	Nut M8	
53	1001250700	1	Switch, Pressure	
54	1001301880	1	Gauge Cluster Jumper Harness (See Separate Breakdown in this Section)	

FIGURE 10-2. ELECTRICAL INSTALLATION (110HP) (LS)



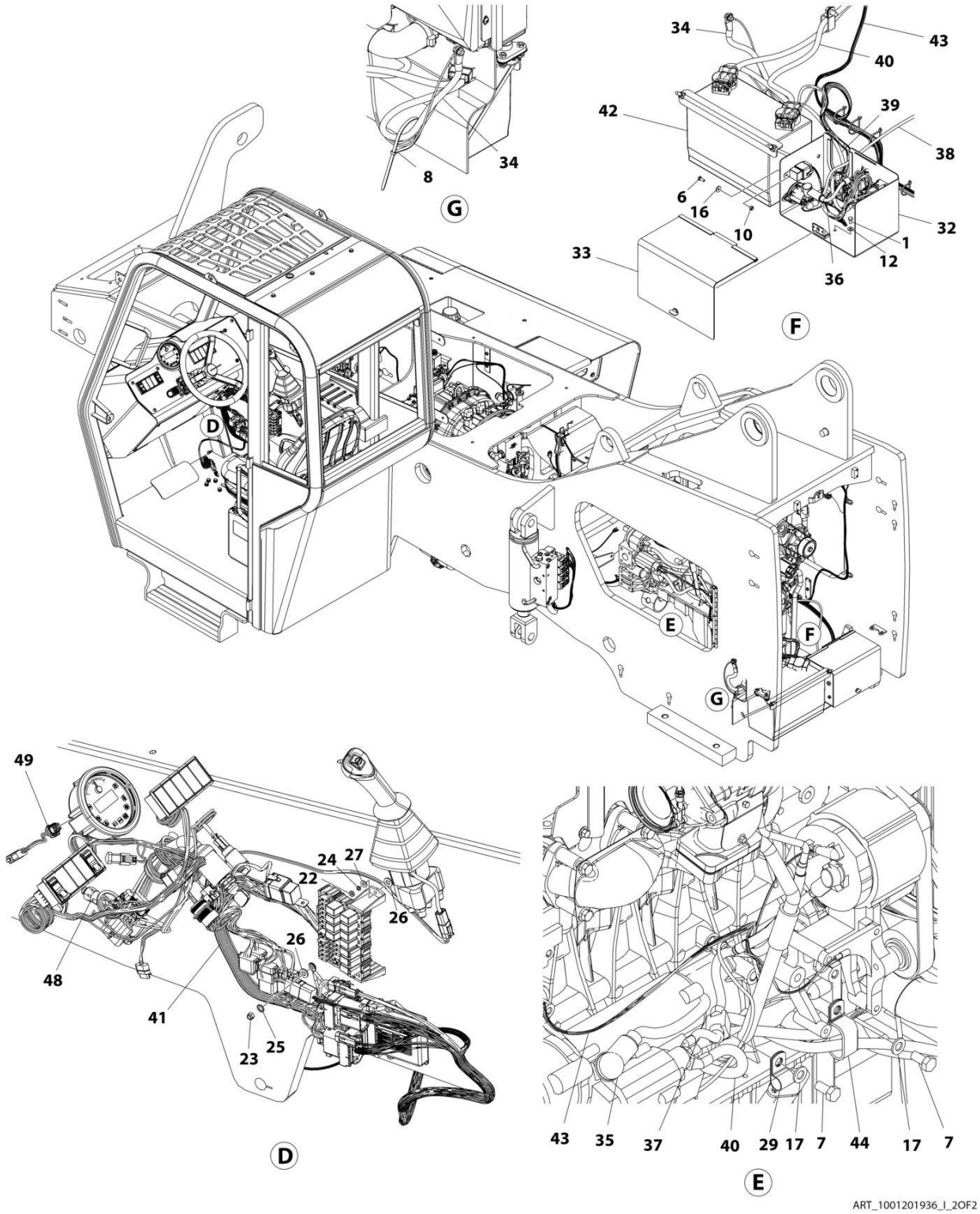
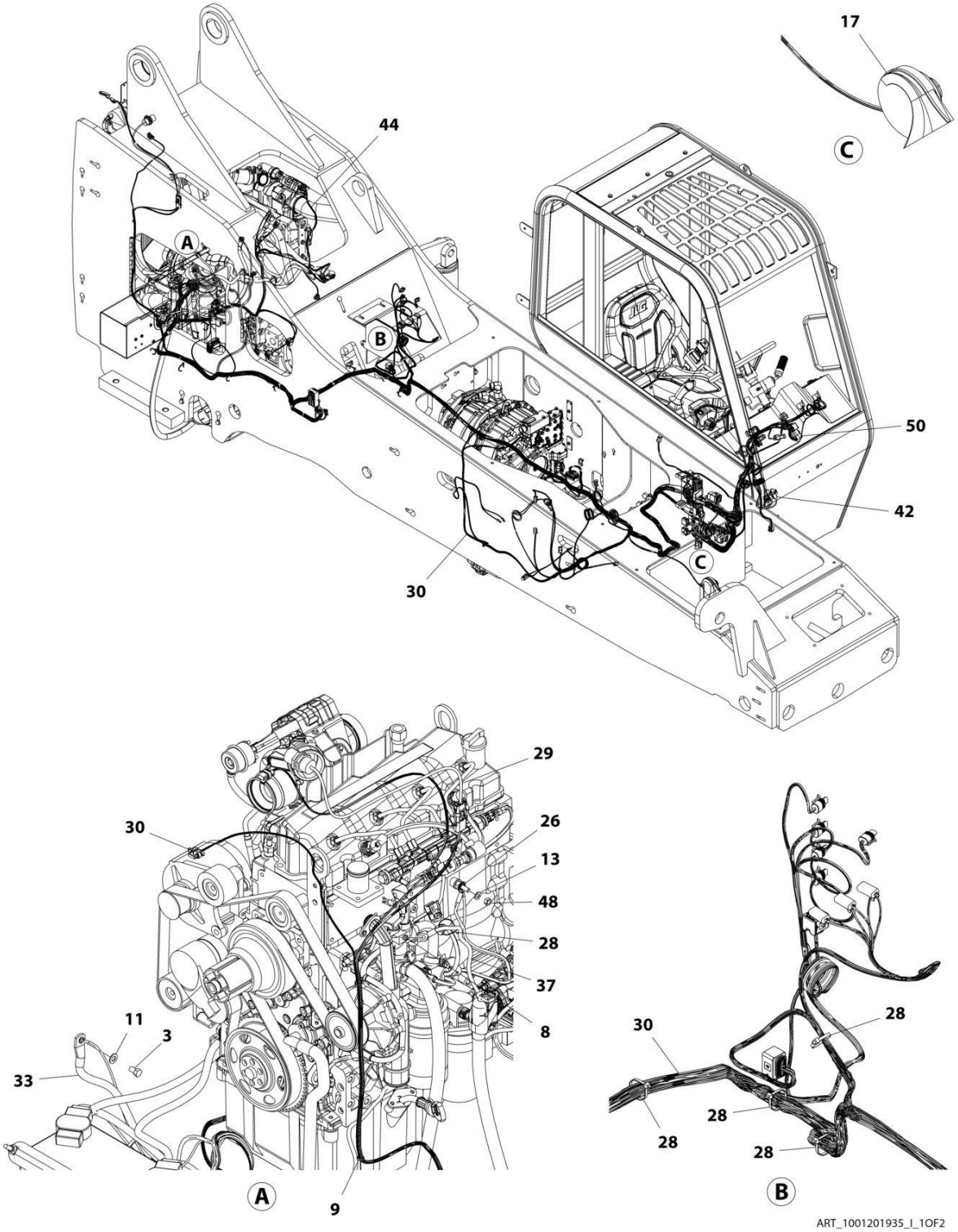

34
43
40
42
39
38
6
16
10
32
1
12
33
36
8
34
G
F
D
E
F
G
49
24
27
22
26
26
48
41
23
25
D
43
35
37
40
29
17
7
44
17
7
E
ART_1001201936_I_2OF2

FIGURE 10-2. ELECTRICAL INSTALLATION (110HP) (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201936	Ref	ELECTRICAL INSTALLATION, 110HP (LS) (8042)	I
1	0641404	3	Bolt 1/4 x 1/2	
3	0641605	2	Bolt 3/8 x 5/8	
6	8303545	1	Bolt M6 x 14	
7	0761212	2	Bolt M12 x 25	
8	1062255	1	Strap, Tie	
9	3290601	1	Nut M6 x 1	
10	3290605	1	Nut M6 x 1	
11	4240017	2	Strap, Tie	
12	4711400	3	Washer 1/4	
13	4711600	2	Washer 3/8	
15	4811900	1	Washer M8	
16	4811702	1	Washer M6	
17	4812100	2	Washer M12	
20	8270620	1	Horn, Signal	
22	8305002	3	Nut #10	
23	8305624	2	Nut, Lock 1/4	
24	8307003	3	Washer, Lock M10	
25	8307027	4	Washer, Lock 5/16	
26	8307106	5	Washer 5/16	
27	8307111	3	Washer M10	
28	8310046	1	Washer, Lock M10	
29	8406105	1	Clip Tube	
30	8584001	12	Wrap, Tie	
31	1001130307	1	Sensor, Boom	
32	1001170233	1	Installation, Relay Panel (See Separate Breakdown in this Section)	
33	1001170234	1	Assembly, Relay Panel Cover (See Separate Breakdown in this Section)	
34	1001171234	1	Cable, Battery Negative	
35	1001171236	1	Cable, Starter Ground	
36	1001171237	1	Cable, Grid Heater to Fuse Power	
37	1001171238	1	Cable, Alternator Power	
38	1001171239	1	Cable, Grid Heater Power	
39	1001171633	1	Cable, Buss Power	
40	1001171757	1	Cable, Starter Power	
41	1001299369	1	Harness, Cab Power Distribution (See Separate Breakdown in this Section)	
42	1001186841	1	Installation, Battery (See Separate Breakdown in this Section)	
43	1001189488	1	Engine Harness (See Separate Breakdown in this Section)	
44	1001181899	1	Clamp	
47	3290801	1	Nut M8 x 1.25	
48	1001250700	1	Switch, Pressure	
49	1001301880	1	Gauge Cluster Jumper Harness (See Separate Breakdown in this Section)	

FIGURE 10-3. ELECTRICAL INSTALLATION (110HP) (ULS)



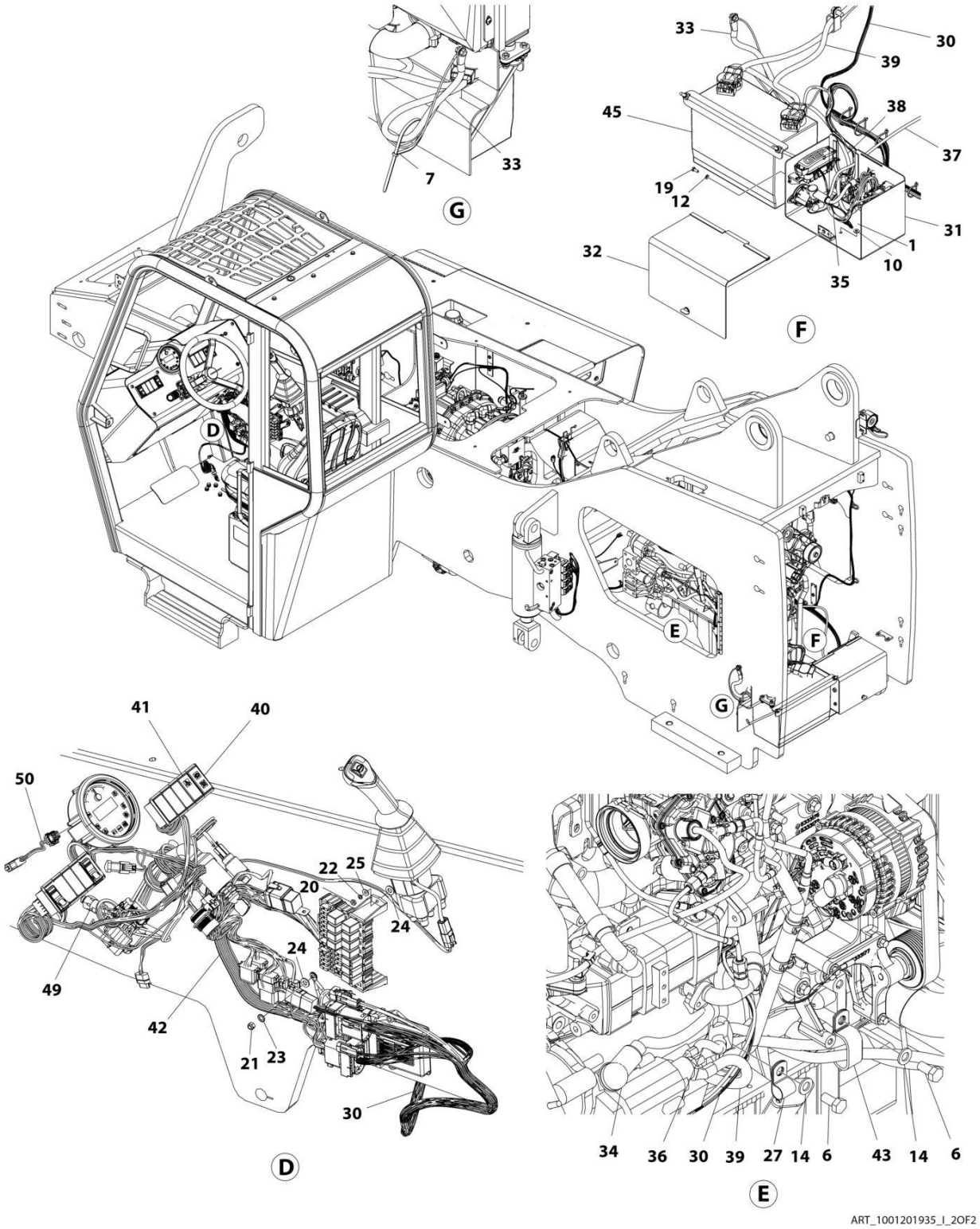

7
33
G
33
30
39
45
38
37
19
12
31
1
32
10
35
F
D
E
F
G
41
40
50
22
25
20
24
24
49
42
21
23
30
D
34
36
30
39
27
14
6
43
14
6
E
ART_1001201935_I_2OF2

FIGURE 10-3. ELECTRICAL INSTALLATION (110HP) (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201935	Ref	ELECTRICAL INSTALLATION, 110HP - 8042 (IF EQUIPPED FOR ULS) (8042)	I
1	0641404	3	Bolt 1/4 x 1/2	
3	0641605	1	Bolt 3/8 x 5/8	
6	0761212	2	Bolt M12 x 25	
7	1062255	1	Strap, Tie	
8	3290601	1	Nut M6 x 1	
9	4240017	2	Strap, Tie	
10	4711400	3	Washer 1/4	
11	4711600	1	Washer 3/8	
12	4811700	2	Washer M6	
13	4811900	1	Washer M8	
14	4812100	2	Washer M12	
17	8270620	1	Horn, Signal	
19	8303545	2	Bolt M6 x 14	
20	8305002	3	Nut #10	
21	8305624	2	Nut, Lock 1/4	
22	8307003	3	Washer, Lock M10	
23	8307027	4	Washer, Lock 5/16	
24	8307106	5	Washer 5/16	
25	8307111	3	Washer M10	
26	8310046	1	Washer, Lock M10	
27	8406105	1	Clip Tube	
28	8584001	13	Wrap, Tie	
29	1001130307	1	Sensor, Boom	
30	1001169620	1	Harness, Engine (See Separate Breakdown in this Section)	
31	1001170233	1	Installation, Relay Panel (See Separate Breakdown in this Section)	
32	1001170234	1	Assembly, Relay Panel Cover (See Separate Breakdown in this Section)	
33	1001171234	1	Cable, Battery Negative	
34	1001171236	1	Cable, Starter Ground	
35	1001171237	1	Cable, Grid Heater to Fuse Power	
36	1001171238	1	Cable, Alternator Power	
37	1001171239	1	Cable, Grid Heater Power	
38	1001171633	1	Cable, Buss Power	
39	1001171757	1	Cable, Starter Power	
40	1001172135	1	Indicator, Engine	
41	1001172136	1	Indicator, Hest	
42	1001299369	1	Harness, Cab Power Distribution (See Separate Breakdown in this Section)	
43	1001181899	1	Clamp	
44	1001184835	1	Harness, TBAP (See Separate Breakdown in this Section)	
45	1001186841	1	Installation, Battery (See Separate Breakdown in this Section)	
48	3290801	1	Nut M8	
49	1001250700	1	Switch, Pressure	
50	1001301880	1	Gauge Cluster Jumper Harness (See Separate Breakdown in this Section)	

FIGURE 10-4. AIR SHUT-OFF VALVE HARNESS - CAB

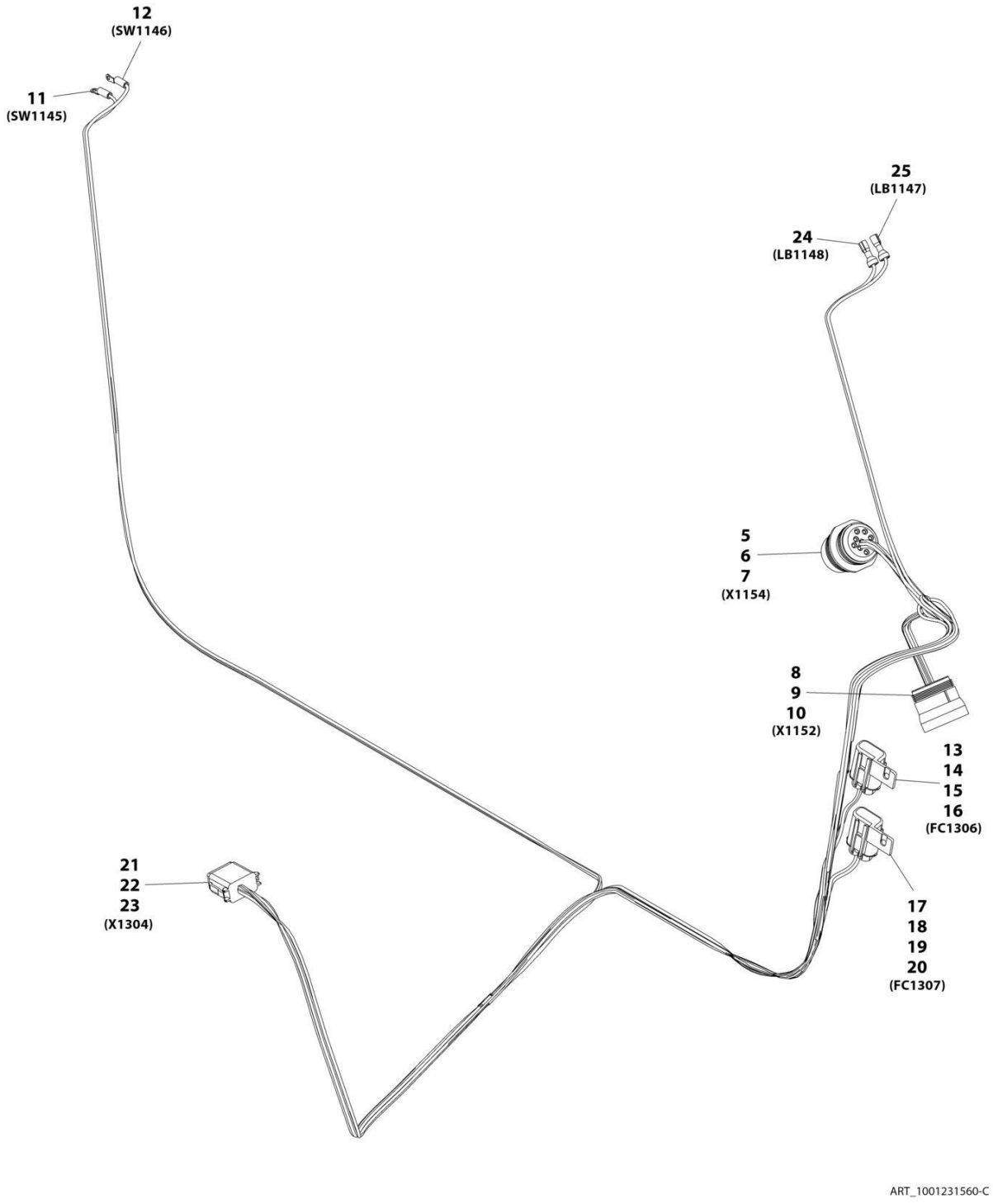


FIGURE 10-4. AIR SHUT-OFF VALVE HARNESS - CAB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231560	Ref	POSI Air Shut Off Valve Cab, Harness	C
5	1001112612	1	Connector	
6	4460464	6	Terminal	
7	4460466	3	Plug	
8	1001116945	1	Connector	
9	4460465	6	Terminal	
10	4460466	3	Plug	
11	8220035	1	Terminal, Ring	
12	8220035	1	Terminal, Ring	
13	1001231397	1	Connector	
14	8229261	1	Fuse 5A	
15	1001231400	2	Terminal	
16	1001231404	2	Plug	
17	1001231397	1	Connector	
18	8229234	1	Fuse 10A	
19	1001231400	2	Terminal	
20	1001231404	2	Plug	
21	4460930	1	Connector	
22	4460465	6	Terminal	
23	4460466	2	Plug	
24	8220108	1	Connector	
25	8220108	1	Connector	

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

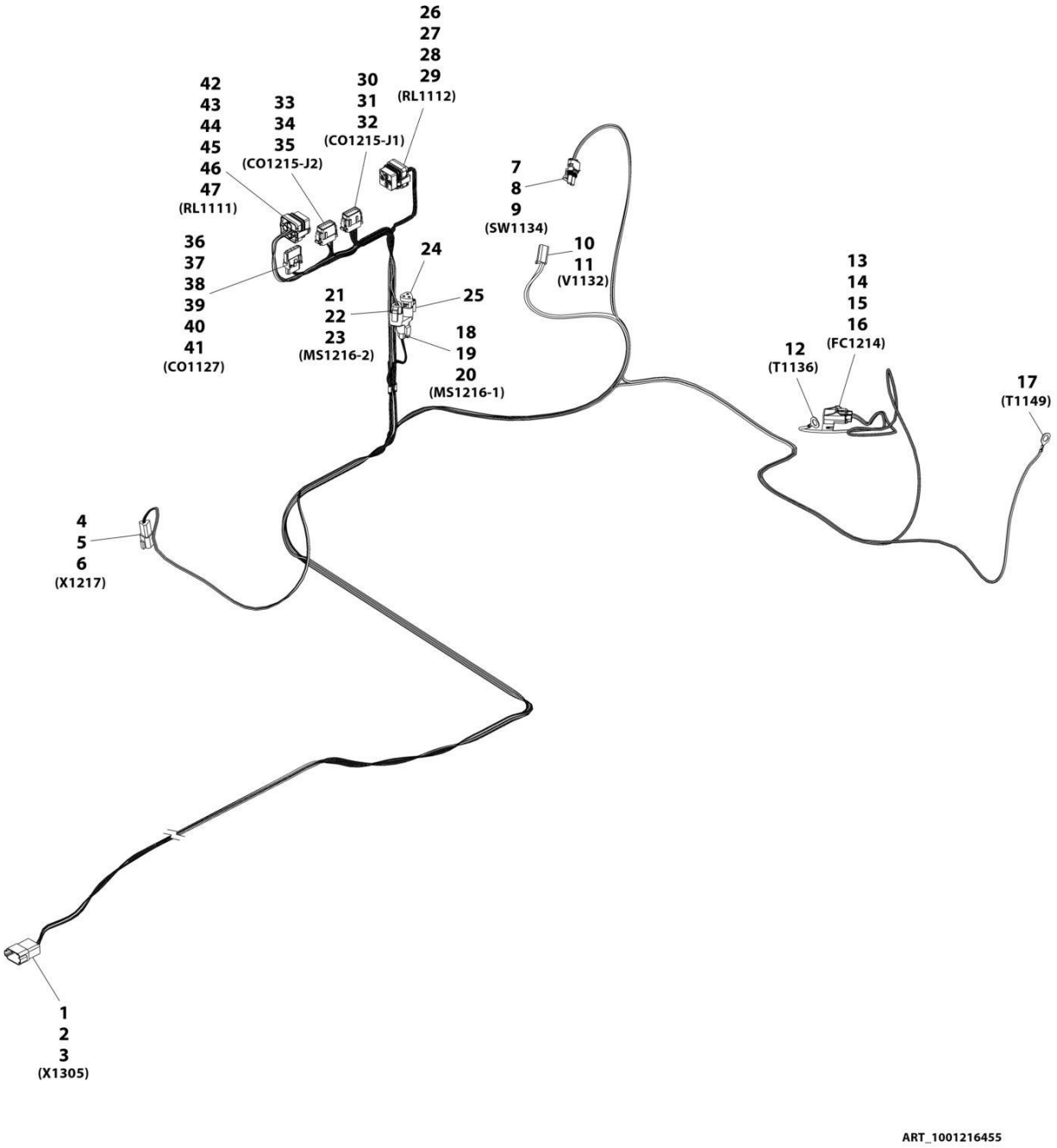


FIGURE 10-5. AIR SHUT-OFF VALVE HARNESS - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216455	Ref	POSI Air Shut Off Valve T4F, Harness	F
1	4460931	1	Connector	
2	4460464	6	Terminal	
3	4460466	2	Plug	
4	1001144147	1	Connector	
5	4460464	2	Terminal	
6	4460466	1	Plug	
7	4460742	1	Connector	
8	4460475	2	Terminal	
9	4460458	2	Seal	
10	4460891	1	Connector	
11	1001157890	2	Terminal	
12	1001187078	1	Terminal, Ring	
13	1001231397	1	Connector	
14	8229235	1	Fuse 20A	
15	1001231401	2	Terminal	
16	1001230402	2	Seal	
17	1001187078	1	Connector	
18	1001116812	1	Connector	
19	4460465	2	Terminal	
20	4460466	1	Plug	
21	4460539	1	Connector	
22	4460465	2	Terminal	
23	4460466	1	Plug	
24	1001116815	1	Connector, 3 Pin	
25	4460945	1	Terminal, 3 Way "T" Receptacle	
26	1001231398	1	Connector	
27	1001231400	4	Terminal	
28	1001231406	1	Plug	
29	1001231404	4	Seal	
30	1001116808	1	Connector	
31	1001126008	9	Terminal	
32	4460518	3	Plug	
33	1001116774	1	Connector	
34	4460518	8	Plug	
35	1001126008	4	Terminal	
36	4460761	1	Connector	
37	4460321	1	Connector - 4 Position	
38	4460809	4	Plug	
39	1001118378	4	Terminal	
40	1001143551	1	Seal	
41	1001218358	1	Lanyard, Rope	
42	1001231398	1	Connector	
43	1001231401	2	Terminal	
44	1001231400	2	Terminal	
45	1001231406	1	Plug	
46	1001231402	2	Seal	
47	1001231404	2	Seal	

FIGURE 10-6. BACKUP ALARM INSTALLATION

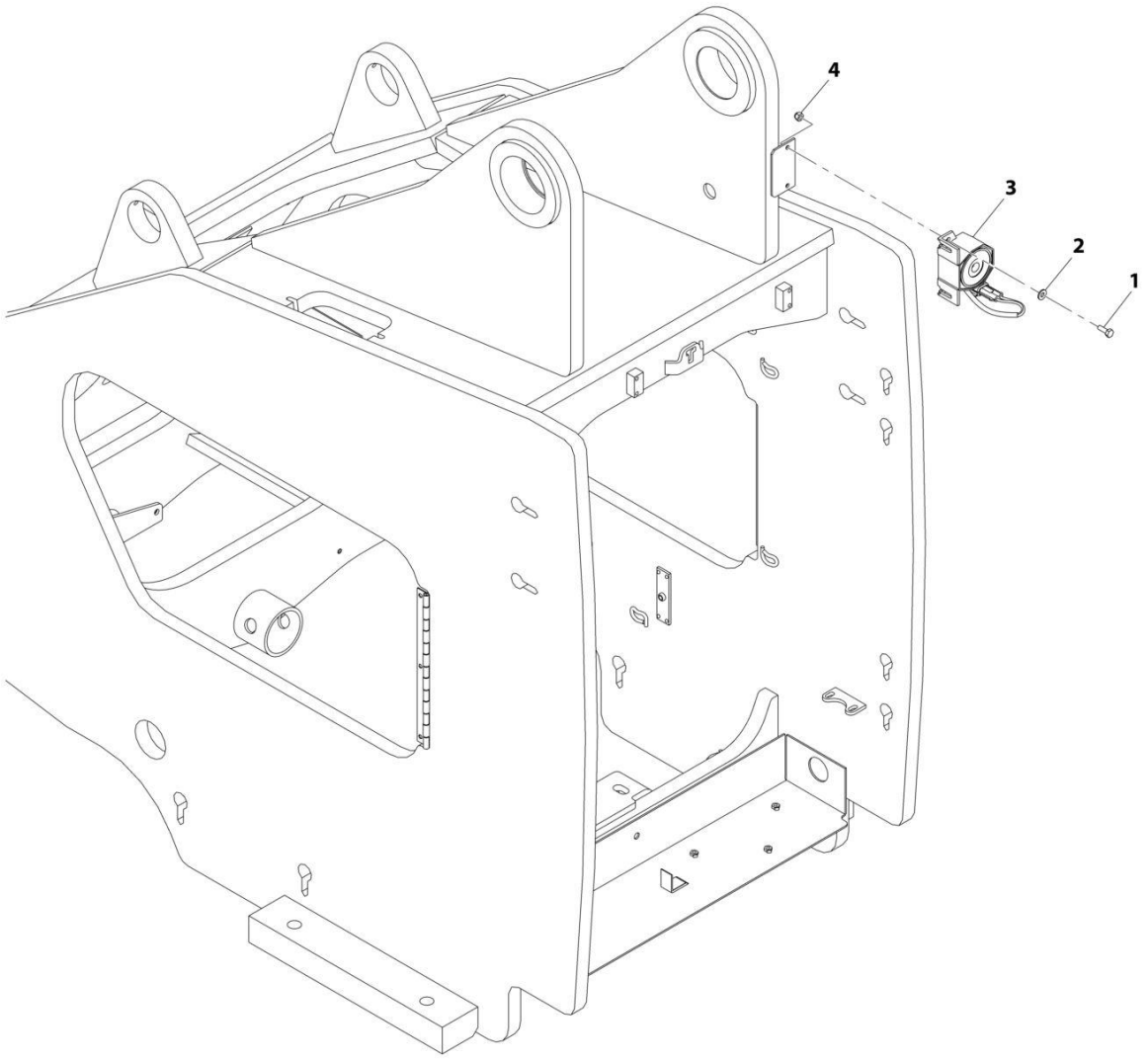


FIGURE 10-6. BACKUP ALARM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206542	Ref	Back-Up Alarm Installation	A
1	0641406	2	Bolt 1/4X3/4	
2	4711400	2	Washer 1/4	
3	8270621	1	Alarm, Back-Up	
4	8305624	2	Nut 1/4	

FIGURE 10-7. BACKUP ALARM INSTALLATION (WHITE NOISE)

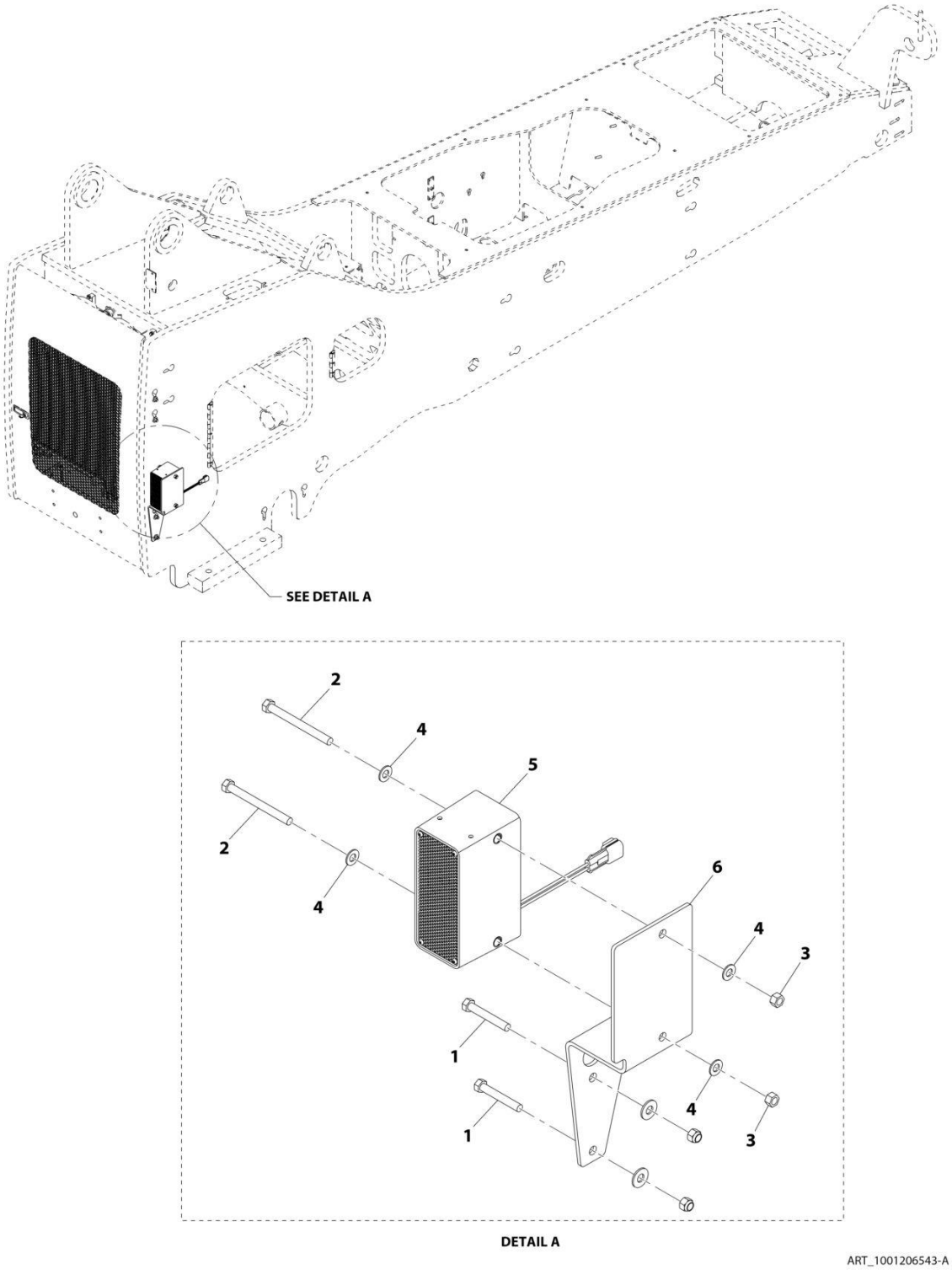


FIGURE 10-7. BACKUP ALARM INSTALLATION (WHITE NOISE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206543	Ref	Back-Up Alarm Installation (White Noise)	A
1	0641620	2	Bolt 3/82-1/2	
2	0641632	2	Bolt 3/8X4	
3	3311605	2	Nut 3/8	
4	4711600	4	Washer 3/8	
5	1001198728	1	Alarm	
6	1001213574	1	Bracket	

FIGURE 10-8. BACKUP CAMERA HARNESS

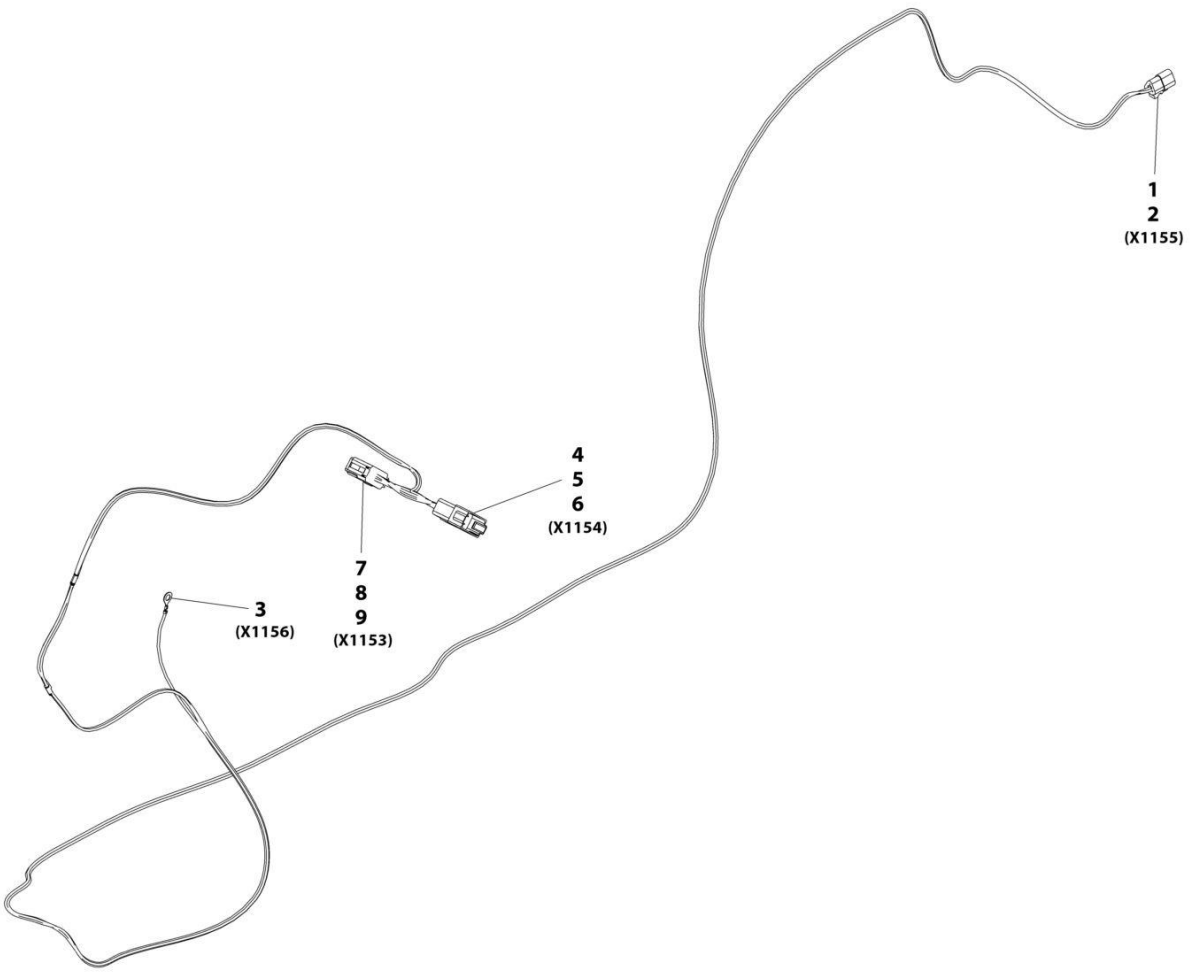


FIGURE 10-8. BACKUP CAMERA HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233976	Ref	Skytrak Rear Camera Option Harness	A
1	4460539	1	Connector	
2	4460465	3	Terminal	
3	1001207173	1	Terminal, Ring	
4	4460970	1	Connector	
5	4460464	9	Terminal	
6	4460466	3	Plug	
7	4460933	1	Connector	
8	4460465	9	Terminal	
9	4460466	3	Plug	

FIGURE 10-9. BATTERY BLANKET INSTALLATION

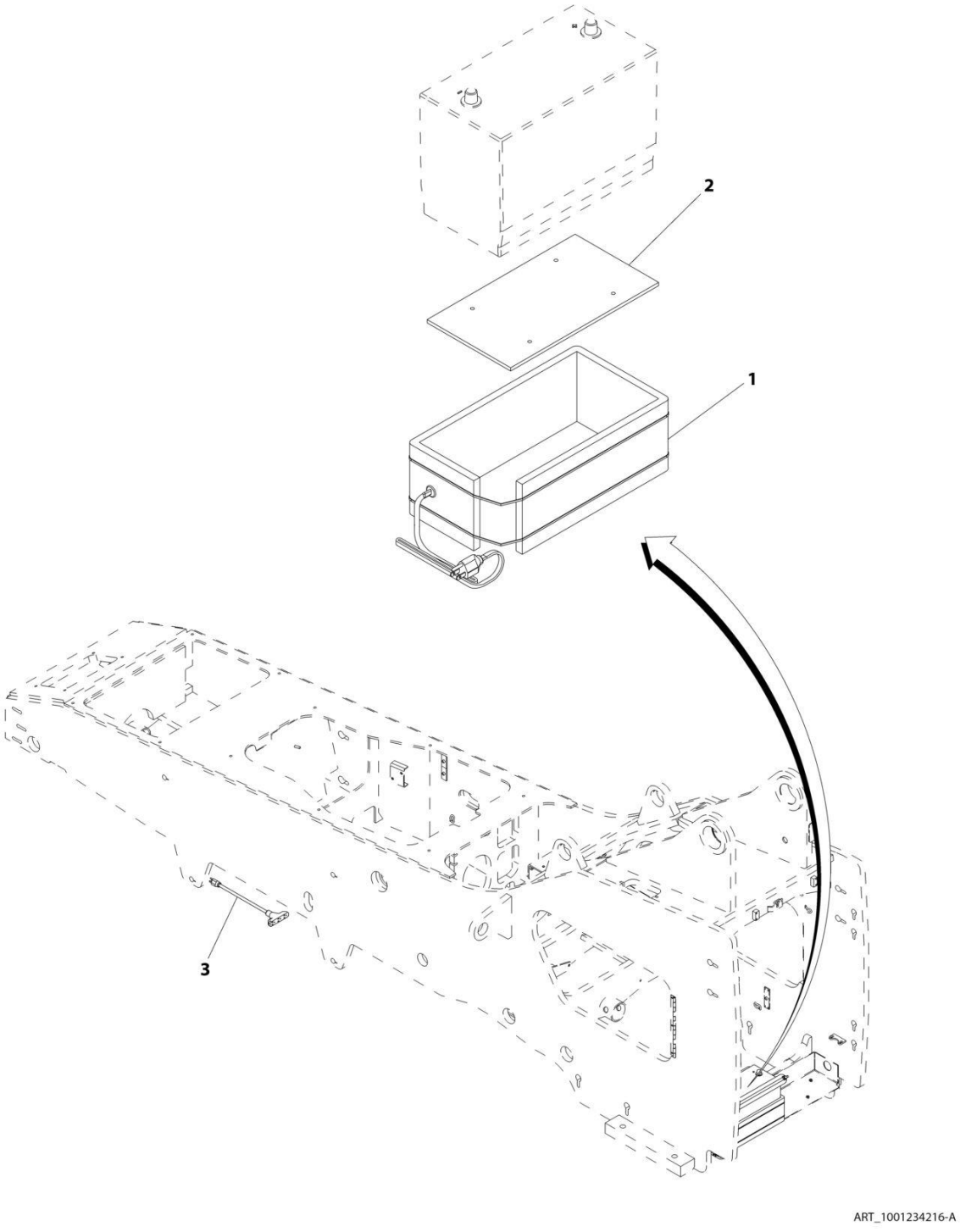


FIGURE 10-9. BATTERY BLANKET INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001234216	Ref	Battery Blanket Installation	A
1	1001093564	1	Battery Heater	
2	1001119278	1	Battery Insulate	
3	1060626	1	3 Way Plug	

FIGURE 10-10. BATTERY INSTALLATION

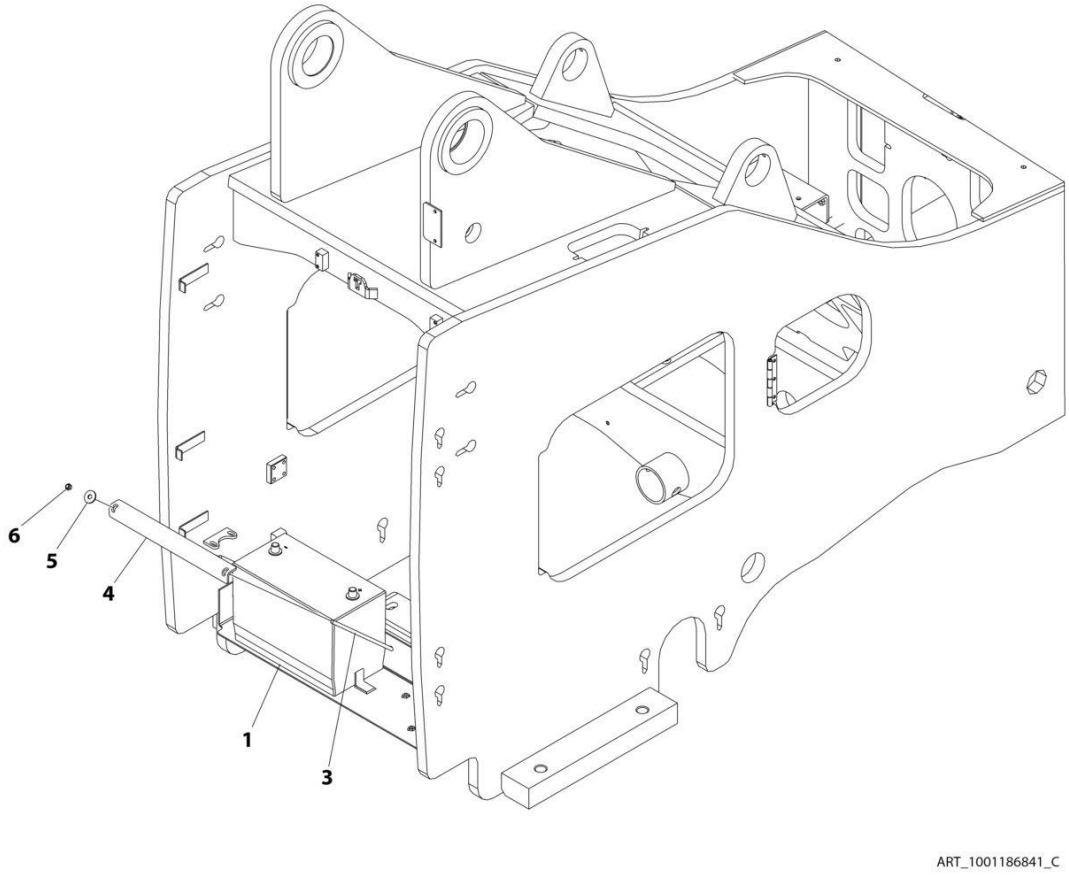


FIGURE 10-10. BATTERY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186841	Ref	BATTERY INSTALLATION	C
1	0400075	1	Battery, 12V	
3	91081640	2	Bolt, Battery Hold Down	
4	1001258991	1	Plate, Battery Hold Down	
5	4812002	2	Washer M10	
6	8305626	2	Nut	

FIGURE 10-11. BREATHER HEATER INSTALLATION

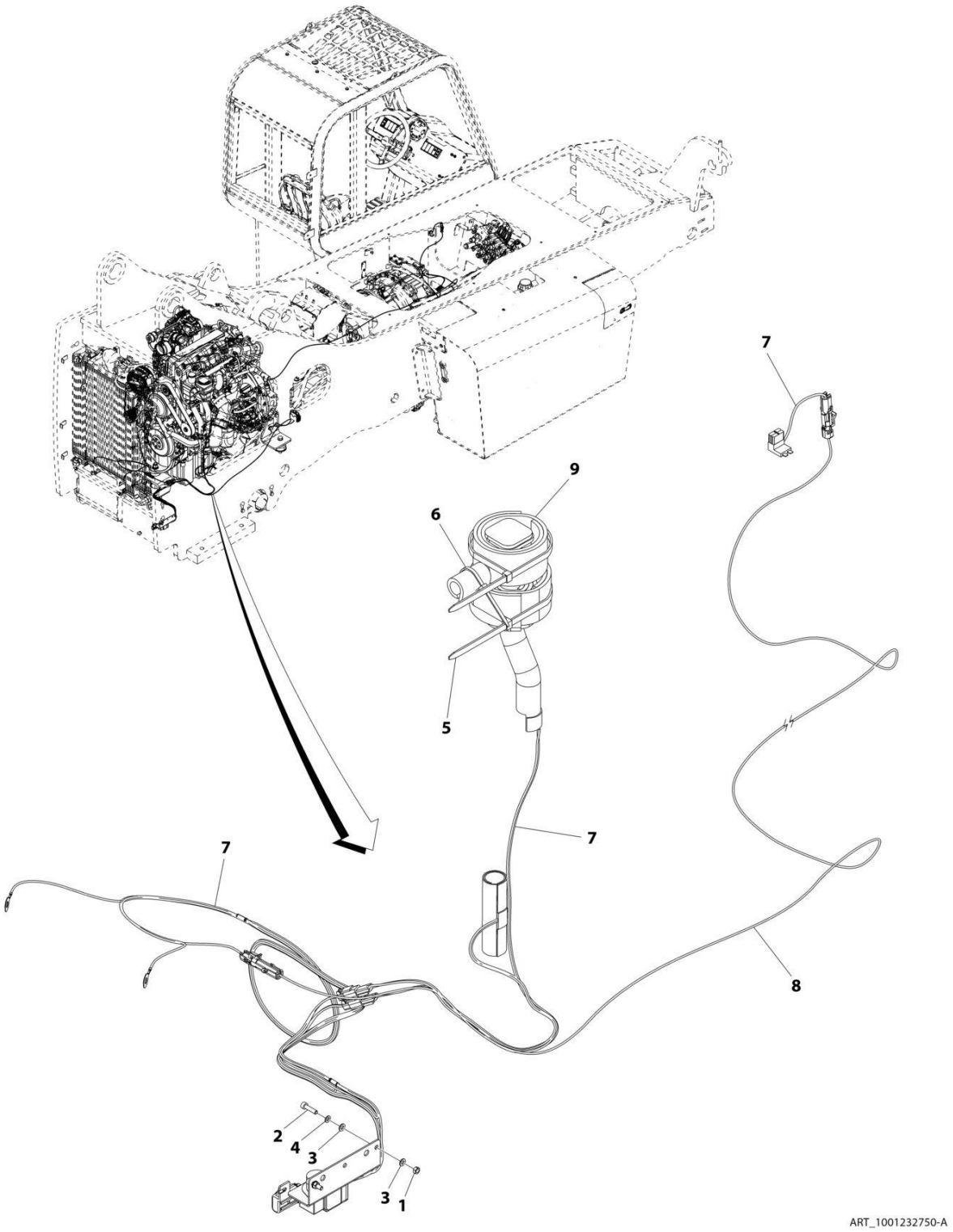
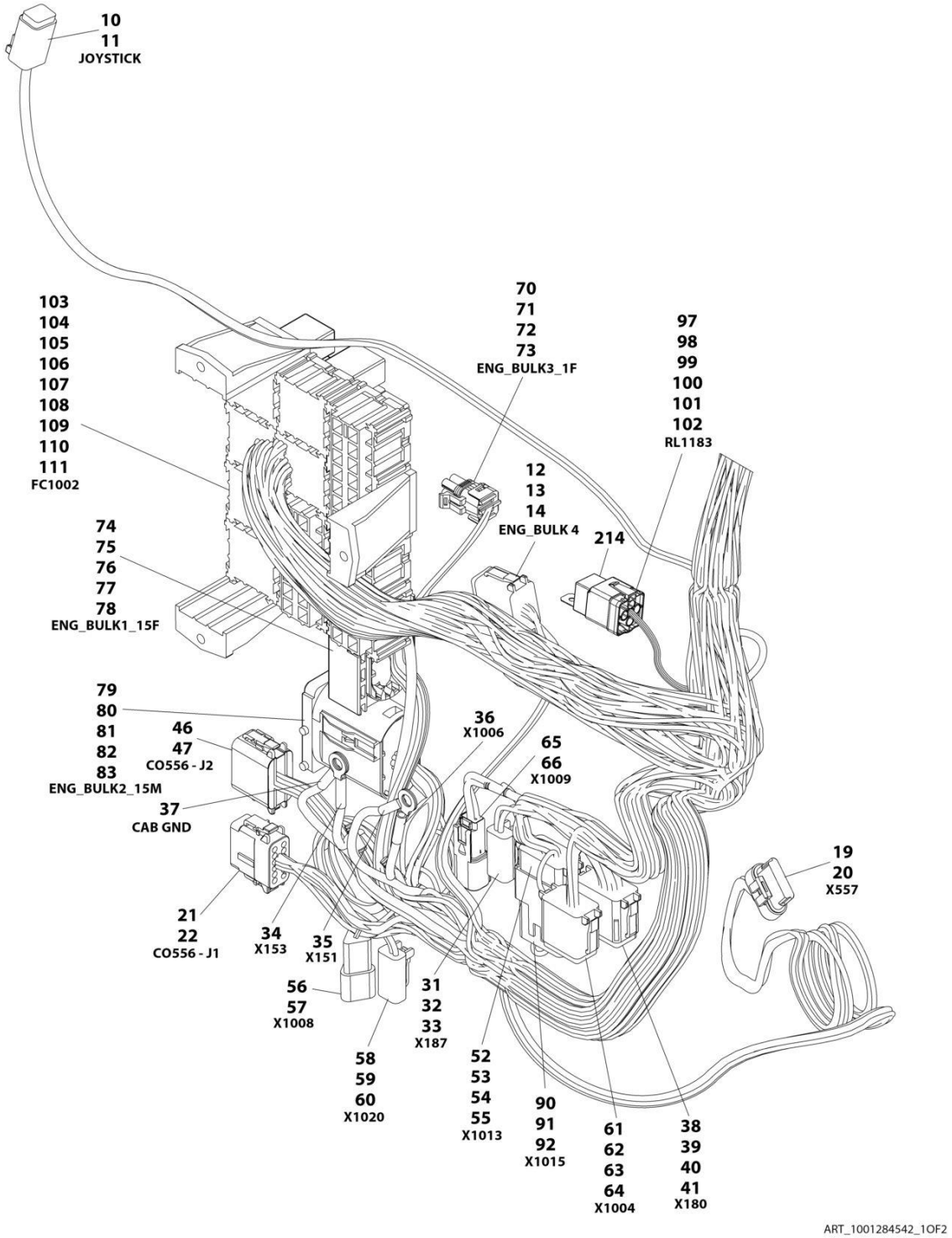


FIGURE 10-11. BREATHER HEATER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232750	Ref	Heater Breather - 74 HP	A
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	1001232599	1	Harness, Cummins Breather Heater	
9	1001232624	1	Insulate, Cummins Insulation	

FIGURE 10-12. CAB POWER DISTRIBUTION HARNESS



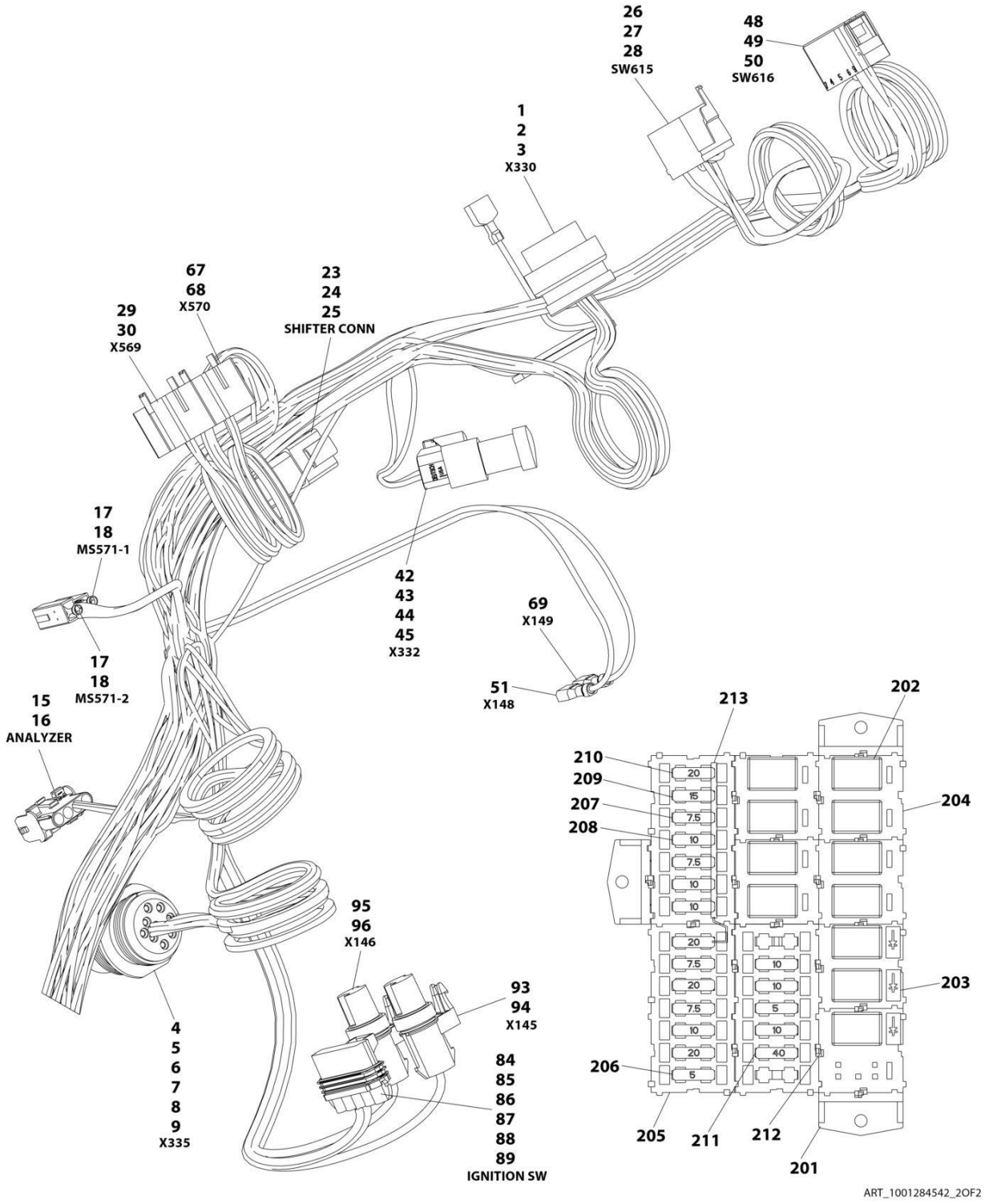

26
27
28
SW615
48
49
50
SW616
1
2
3
X330
67
68
X570
23
24
25
SHIFTER CONN
29
30
X569
17
18
MS571-1
42
43
44
45
X332
69
X149
17
18
MS571-2
51
X148
15
16
ANALYZER
213
202
210
209
207
208
204
95
96
X146
93
94
X145
203
4
5
6
7
8
9
X335
84
85
86
87
88
89
IGNITION SW
206
205
211
212
201
ART_1001284542_2OF2

FIGURE 10-12. CAB POWER DISTRIBUTION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284542	Ref	CAB POWER DISTRIBUTION HARNESS	B
1	4460872	1	Connector	
2	4460871	10	Terminal, Socket	
3	4460905	4	Plug, Seal	
4	1001112612	1	Connector	
5	1001149712	1	Cap	
6	1001125784	1	Lockwasher	
7	1001125785	1	Nut	
8	4460464	7	Terminal	
9	4460466	3	Plug	
10	4460884	1	Connector	
11	4460465	4	Terminal	
12	4460930	1	Connector	
13	4460465	6	Terminal	
14	4460466	2	Plug	
15	4460761	1	Connector	
16	1001118378	4	Terminal	
17	4460994	2	Connector	
18	1001200833	4	Terminal	
19	1001230931	1	Connector	
20	91554014	6	Terminal	
21	1001116808	1	Connector	
22	1001126008	12	Terminal, Socket	
23	4460970	1	Connector	
24	4460464	9	Terminal	
25	4460466	3	Plug	
26	8220904	1	Connector	
27	4460419	4	Terminal	
28	1001195760	2	Terminal	
29	1001117119	1	Connector	
30	1001159186	4	Terminal	
31	4460891	1	Connector	
32	1001157890	1	Terminal	
33	4460942	1	Terminal	
34	4460312	1	Terminal, Ring	
35	4460312	1	Terminal, Ring	
36	4460312	1	Terminal, Ring	
37	4460312	1	Terminal, Ring	
38	4460836	1	Connector	
39	1001157890	5	Terminal, Socket	
40	4460465	6	Terminal	
41	4460466	1	Plug	
42	1001116812	1	Connector	
43	4461070	1	Connector	
44	4460465	2	Terminal	
45	4460466	1	Plug	
46	1001116774	1	Connector	
47	1001126008	12	Terminal, Socket	
48	8220904	1	Connector	
49	4460419	2	Terminal	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	1001195760	8	Terminal	
51	8220051	1	Terminal	
52	4460933	1	Connector	
53	1001003174	3	Terminal, Socket	
54	4460465	7	Terminal	
55	4460466	2	Terminal	
56	4460536	1	Connector	
57	4460464	3	Terminal	
58	4460891	1	Connector	
59	4460465	1	Terminal	
60	1001157890	1	Terminal	
61	4460930	1	Connector	
62	4460465	3	Terminal	
63	1001157890	2	Terminal	
64	4460466	3	Plug	
65	4461017	1	Connector	
66	4460508	2	Terminal, Socket	
67	1001117119	1	Connector	
68	1001159186	2	Terminal	
69	8220051	1	Terminal	
70	80963061	1	Connector	
71	4460790	2	Terminal, Socket	
72	1001116727	2	Terminal	
73	8220089	4	Seal	
74	8220927	1	Connector	
75	1001116747	12	Terminal	
76	4460746	3	Terminal	
77	4460458	3	Seal	
78	8220081	12	Seal	
79	8220929	1	Connector	
80	8220097	12	Terminal	
81	8220125	2	Terminal	
82	1001116727	1	Plug	
83	4460458	14	Seal	
84	1001121726	1	Connector	
85	8220125	2	Terminal	
86	8220089	2	Seal	
87	1001116726	1	Terminal	
88	4460458	1	Seal	
89	1001116727	2	Plug	
90	4460970	1	Connector	
91	4460466	6	Terminal	
92	4460464	6	Terminal	
93	1001121728	1	Connector, Packard Female, 1POS	
94	1001121730	1	Terminal	
95	1001121728	1	Connector, Packard Female, 1POS	
96	1001121730	1	Terminal	
97	1001231398	1	Connector	
98	1001231401	2	Terminal	
99	1001231400	2	Terminal	
100	1001231406	1	Plug	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	1001231402	2	Seal	
102	1001231404	2	Seal	
103	1001116712	9	Terminal	
104	1001116710	18	Terminal	
105	1001116711	26	Terminal	
106	1001210779	8	Terminal	
107	1001192050	10	Terminal	
108	1001210776	4	Terminal	
109	1001192049	12	Terminal	
110	1001210778	1	Terminal	
111	1001210777	7	Terminal	
201	1001200845	3	Leg, Mounting	
202	1001205172	11	Relay, Micro 280, 12V, 35 Amp	
203	1001129285	3	Fuse, Mini Diode	
204	1001177198	6	Module, 2 Fuse	
205	1001187952	3	Assembly, Electrical	
206	8229261	2	Fuse, Type 5 A	
207	8229233	4	Fuse, Type 7.5 A	
208	8229234	7	Fuse, Type 10 A	
209	8229237	1	Fuse, Type 15 A	
210	8229235	4	Fuse, Type 20 A	
211	8229238	1	Fuse, Type 40 A	
212	4461103	17	Relay, Locking Wedge	
213	1001210779	1	Terminal	
214	3740080	1	Relay, Weather Proof	

FIGURE 10-13. CAB POWER DISTRIBUTION HARNESS

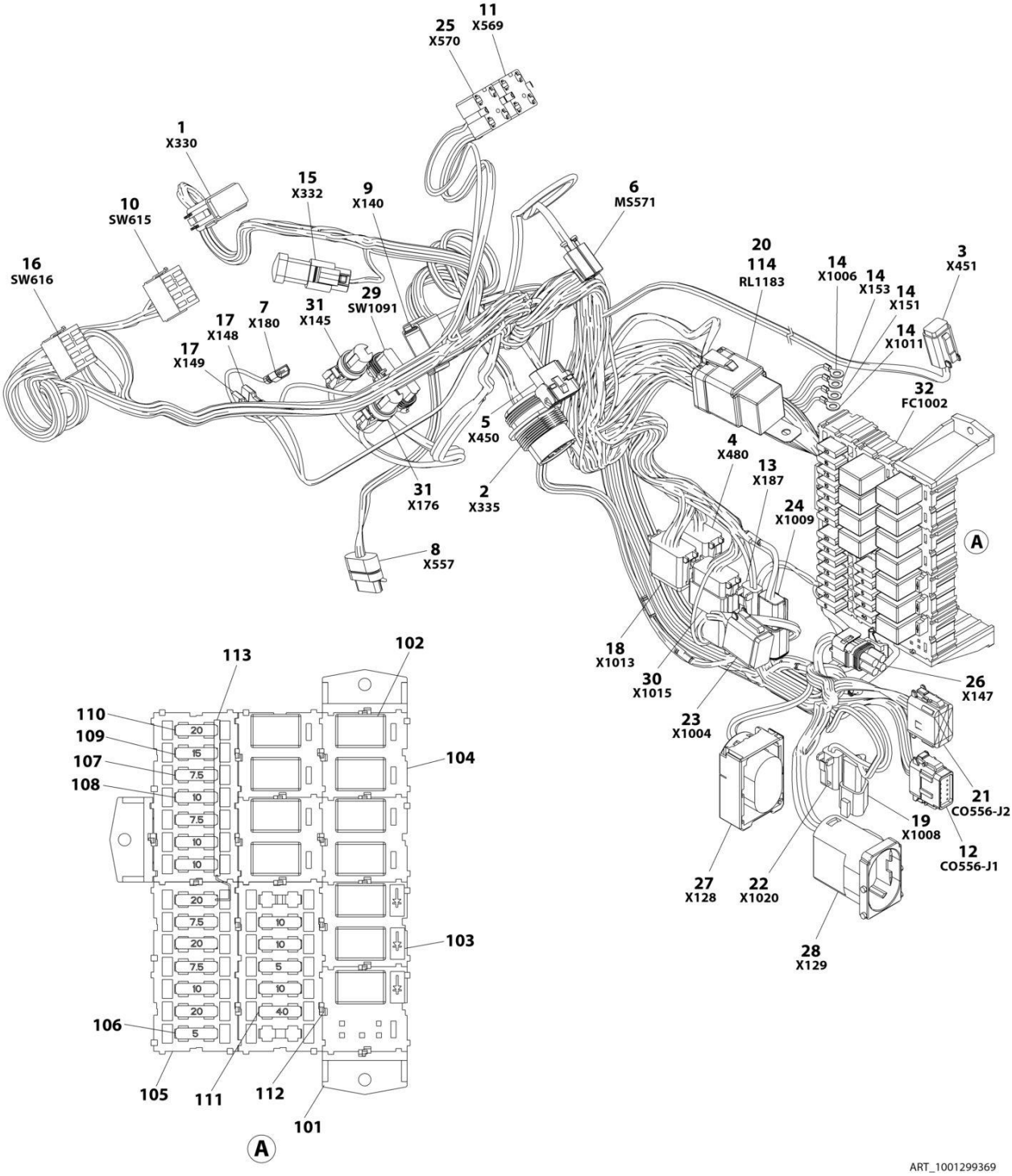


FIGURE 10-13. CAB POWER DISTRIBUTION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001299369	Ref	CAB POWER DISTRIBUTION HARNESS	B
1	4460933	1	Connector	
1	4460465	11	Socket	
2	1001112612	1	Connector	
2	1001149712	1	Cap & Lanyard	
2	1001125784	1	Washer	
2	1001125785	1	Nut	
2	4460464	7	Pin	
2	4460884	1	Connector	
3	4460465	4	Socket	
4	4460930	1	Connector	
4	1001116693	6	Pin	
5	4460761	1	Connector	
5	1001118378	4	Socket	
6	4460994	1	Connector	
6	1001200833	2	Socket	
6	4460836	1	Connector	
7	1001157890	5	Pin (12AWG)	
7	1001116693	6	Pin (16AWG)	
8	1001230931	1	Connector	
8	91554014	6	Socket	
9	4460970	1	Connector	
9	1001116693	9	Pin	
10	8220904	1	Connector	
10	1001195760	2	Socket	
10	4460419	4	Socket	
11	1001117119	1	Connector	
11	1001159186	4	Socket	
12	1001116808	1	Connector	
12	1001126008	12	Pin	
13	4460891	1	Connector	
13	1001116693	2	Pin	
14	4460312	4	Terminal, Ring	
15	1001116812	1	Connector	
15	4460465	2	Socket	
16	8220904	1	Connector	
16	1001195760	8	Socket (16AWG)	
16	4460419	2	Socket (12AWG)	
17	8220051	2	Terminal	
18	4460933	1	Connector	
18	1001116693	10	Pin	
19	4460536	1	Connector	
19	1001116693	2	Pin (16AWG)	
19	4460464	1	Pin (18AWG)	
20	1001231398	1	Connector	
20	1001231400	2	Socket (14-16AWG)	
20	1001231401	2	Socket (12-14AWG)	
20	1001231402	2	Seal (Blue)	
20	1001231404	2	Seal	
21	1001116774	1	Connector	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
21	1001126008	12	Pin	
22	4460891	1	Connector	
22	1001157890	1	Socket (12-16AWG)	
22	4460465	1	Socket (16-20AWG)	
23	4460930	1	Connector	
23	1001157890	2	Pin (12-16AWG)	
23	1001116693	3	Pin (14-18AWG)	
24	4461017	1	Connector	
24	4460508	2	Pin	
25	1001117119	1	Connector	
25	1001159186	2	Socket	
26	80963061	1	Connector	
26	4460790	2	Socket	
26	8220089	2	Seal	
27	8220927	1	Connector	
27	1001116726	10	Socket (16AWG)	
27	4460746	3	Socket (18AWG)	
27	8220098	1	Socket (14AWG) (Brass)	
27	1001116747	1	Socket (14AWG) (Tin)	
27	8220081	12	Seal (Grey)	
27	4460458	3	Seal (Green)	
28	8220929	1	Connector	
28	8220097	12	Socket (16-18AWG)	
28	8220125	2	Socket (10-12AWG)	
28	4460458	14	Seal	
29	1001121726	1	Connector	
29	8220125	2	Socket (10-12AWG)	
29	1001116726	1	Socket (16AWG)	
29	8220089	2	Seal (Blue)	
29	4460458	1	Seal (Green)	
30	4460970	1	Connector	
30	1001116693	6	Pin	
31	1001121728	2	Connector	
32	NPN	1	Fuse Relay Box	
32	1001116711	26	Socket (16-14AWG) (Tin)	
32	1001116712	9	Socket (12-16AWG) (Tin)	
32	1001210777	8	Socket (14-16AWG) (Brass)	
32	1001192050	10	Socket (14-16AWG) (Brass)	
32	1001116710	19	Socket (16-20AWG) (Tin)	
32	1001210778	2	Socket (18-20AWG) (Brass)	
32	1001192049	11	Socket (10-12AWG) (Brass)	
32	1001210776	4	Socket (18-20AWG) (Brass)	
32	1001210779	2	Buss Bar	
101	1001200845	3	Leg, Mounting	
102	1001205172	11	Relay, Micro 280, 12V, 35 Amp	
103	1001196636	3	Connector (1AMP)	
104	1001177198	6	Module, 2 Fuse	
105	1001187952	3	Dillblox	
106	8229261	4	Fuse (5AMP)	
107	8229233	4	Fuse (7.5AMP)	
108	8229234	5	Fuse (10AMP)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
109	8229237	1	Fuse (15AMP)	
110	8229235	4	Fuse (20AMP)	
111	8229238	1	Fuse (40AMP)	
112	4461103	17	Relay, Locking Wedge	
113	1001210779	1	Bussbar, 7-Way	
114	3740080	1	Relay, Weather Proof	

FIGURE 10-14. GAUGE CLUSTER JUMPER HARNESS

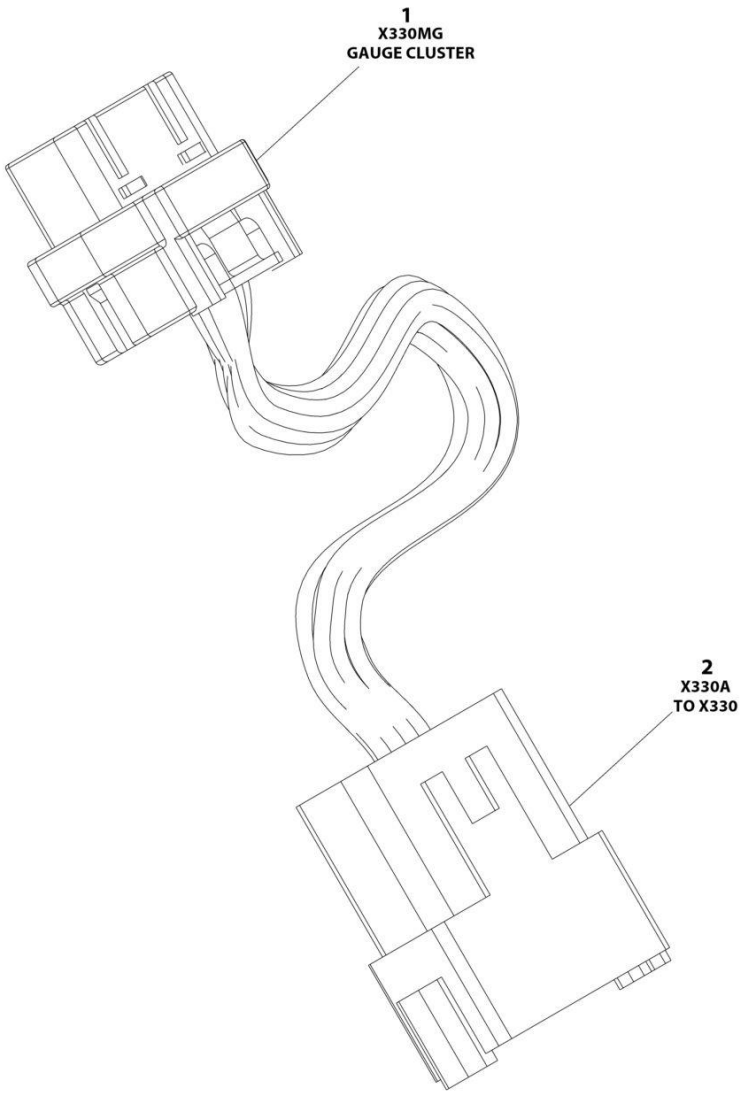


FIGURE 10-14. GAUGE CLUSTER JUMPER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001301880	Ref	GAUGE CLUSTER JUMPER HARNESS	B
1	1001299236	1	Connector	
2	4460970	1	Connector	

FIGURE 10-15. CLEARSKY HARNESS - 3-WIRE

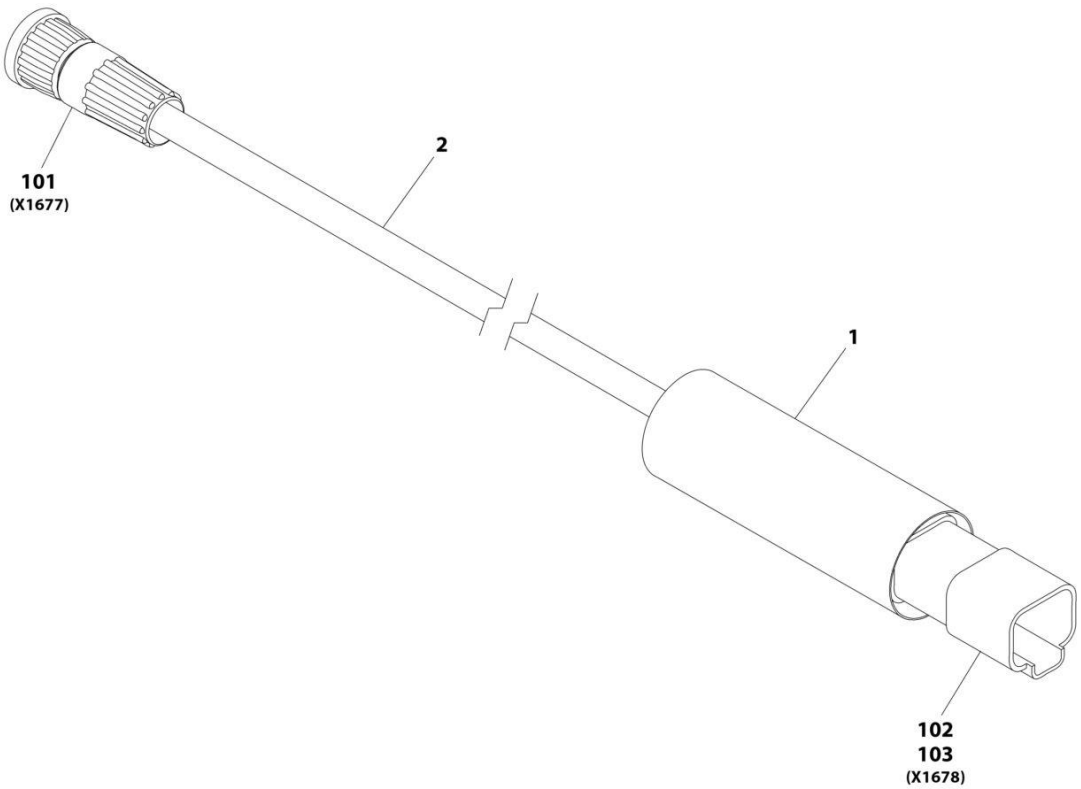


FIGURE 10-15. CLEARSKY HARNESS - 3-WIRE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227066	Ref	CLEARSKY TELEMATICS HARNESS	A
1	1001226400	0.33 ft	Insulate, Heat Shrink	
2	1001227068	3.3 ft	Cable	
101	1001227266	1	Connector	
102	1001129407	1	Connector	
103	4460464	4	Terminal	

FIGURE 10-16. CLEARSKY HARNESS - CANBUS

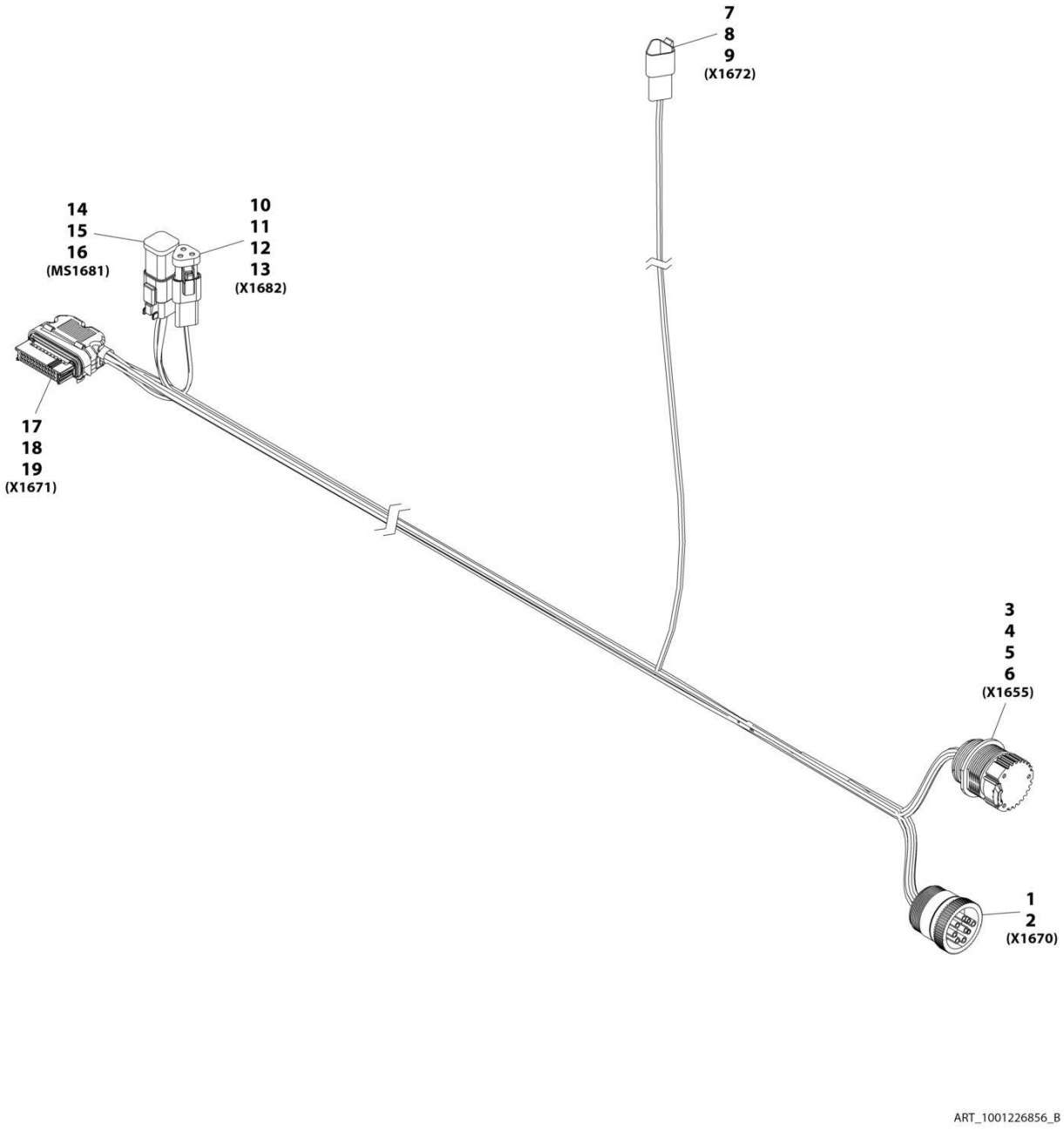


FIGURE 10-16. CLEARSKY HARNESS - CANBUS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226856	Ref	CLEARSKY TELEMATICS HARNESS	B
1	1001112796	1	Connector	
2	4460465	9	Terminal	
3	1001112612	1	Connector	
4	1001149712	1	Cap	
5	4460464	6	Terminal	
6	4460466	3	Plug	
7	1001144147	1	Connector	
8	4460464	2	Terminal	
9	4460466	1	Plug	
10	1001144147	1	Connector	
11	1001116815	1	Plug	
12	4460464	2	Terminal	
13	4460466	1	Plug	
14	4460894	1	Connector	
15	1001226541	1	Bussbar	
16	4460465	6	Terminal	
17	1001226636	1	Connector	
18	1001116731	16	Plug	
19	1001226637	8	Terminal	

FIGURE 10-17. CLEARSKY HARNESS

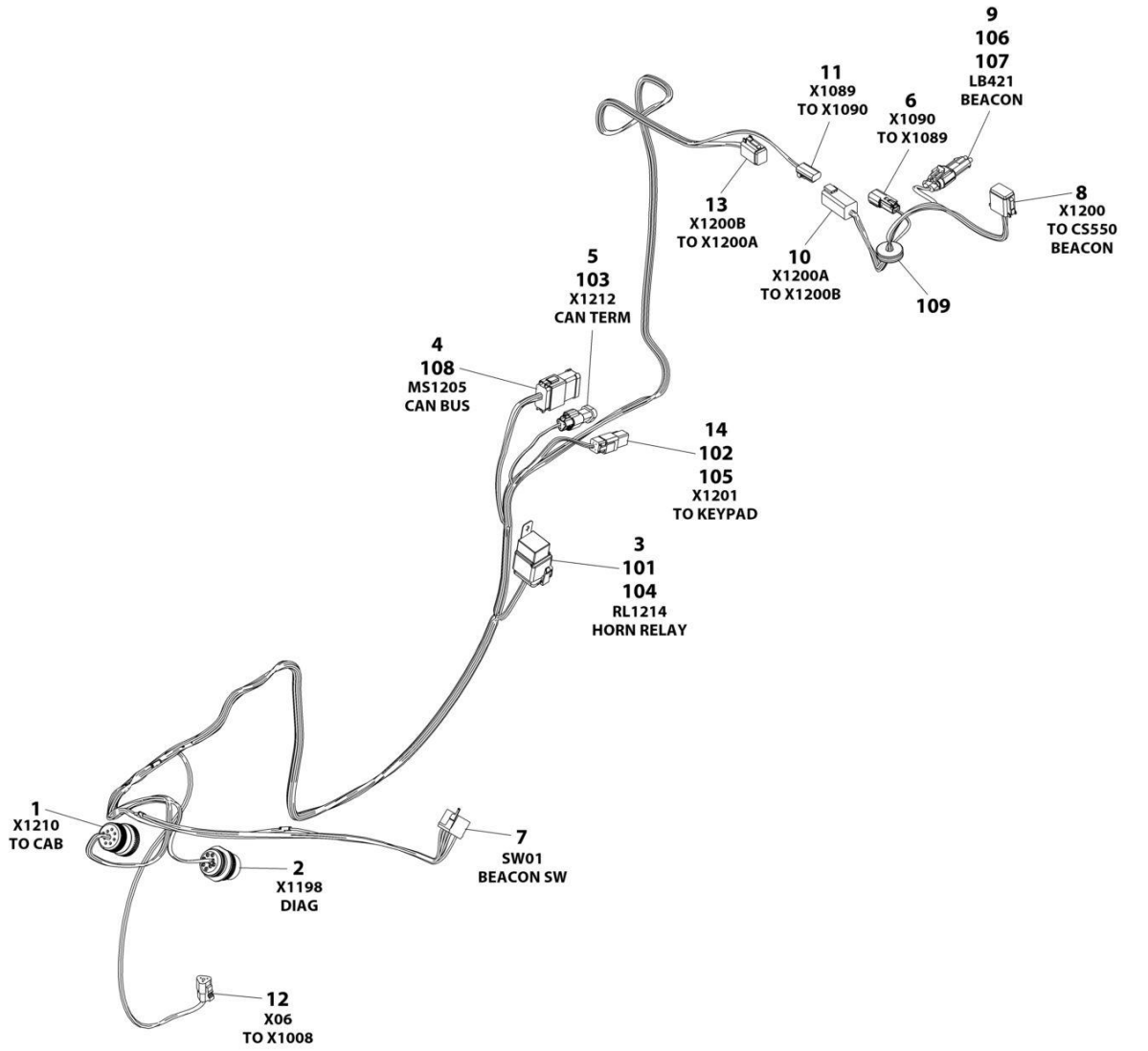


FIGURE 10-17. CLEARSKY HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001288404	Ref	CLEARSKY HARNESS	C
1	1001112796	1	Connector	
1	4460465	6	Socket	
1	4460466	3	Plug	
2	1001112612	1	Connector	
2	4460464	5	Pin	
2	4460466	4	Plug	
3	1001231398	1	Connector	
3	1001231400	4	Socket	
3	1001231404	4	Seal	
3	1001231406	1	Plug	
4	4460933	1	Connector	
4	4460465	10	Socket	
4	4460466	2	Plug	
5	1001116812	1	Connector	
5	4460465	2	Socket	
5	4460466	1	Plug	
6	4460897	1	Connector	
6	4460464	2	Pin	
7	8220904	1	Connector	
7	4460419	6	Socket	
8	4460930	1	Connector	
8	4460465	6	Socket	
8	4460466	2	Plug	
9	1001117021	1	Connector	
9	1001116728	2	Socket	
9	4460458	2	Seal	
10	4460899	1	Connector	
10	4460464	6	Pin	
11	4460891	1	Connector	
11	4460465	2	Socket	
12	4460539	1	Connector	
12	4460465	3	Socket	
13	4460894	1	Connector	
13	4460465	6	Socket	
14	4461077	1	Connector	
14	1001126008	4	Socket	
101	3740080	1	Relay	
102	4460518	4	Plug	
103	4461070	1	Connector	
104	1001008559	AR	Tie-Strap	
105	1001097051	1	Connector	
106	1001116727	2	Plug	
107	1001117026	1	Connector	
108	1001125677	1	Connector	
109	1001290427	1	Grommet	

FIGURE 10-18. CLEARSKY INSTALLATION - CANBUS

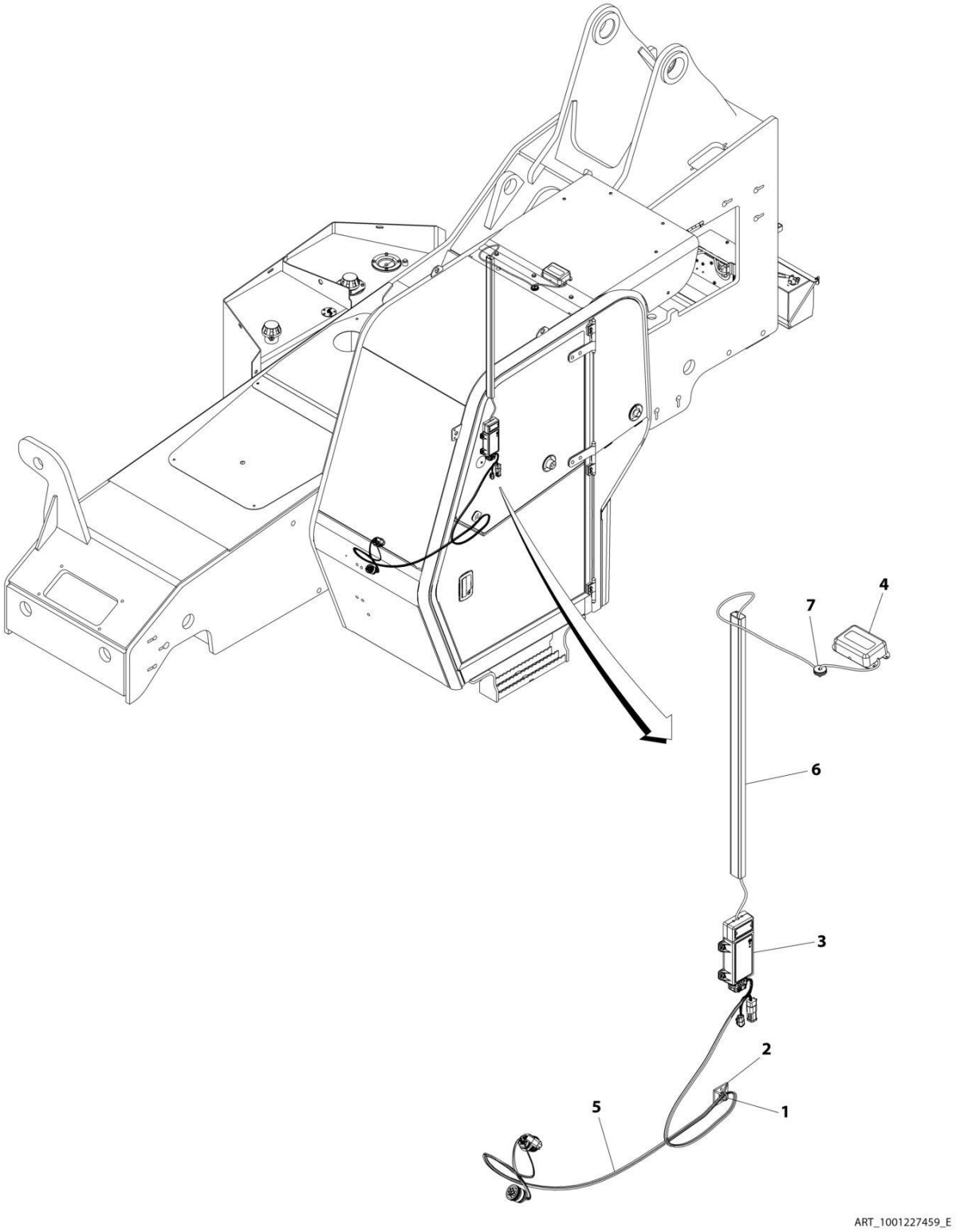


FIGURE 10-18. CLEARSKY INSTALLATION - CANBUS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227459	Ref	CLEARSKY INSTALLATION	E
1	4240032	AR	Tie-Strap	
2	4460234	AR	Mount, Tie-Strap	
3	1001262322	1	Module (4G)	
4	1001262327	1	Antenna (4G)	
5	1001226856	1	Harness, Clearsky (See Separate Breakdown in this Section)	
6	1001182091	1	Duct, Wire	
7	1001195913	1	Grommet	

FIGURE 10-19. CLEARSKY INSTALLATION - CANBUS (CE)

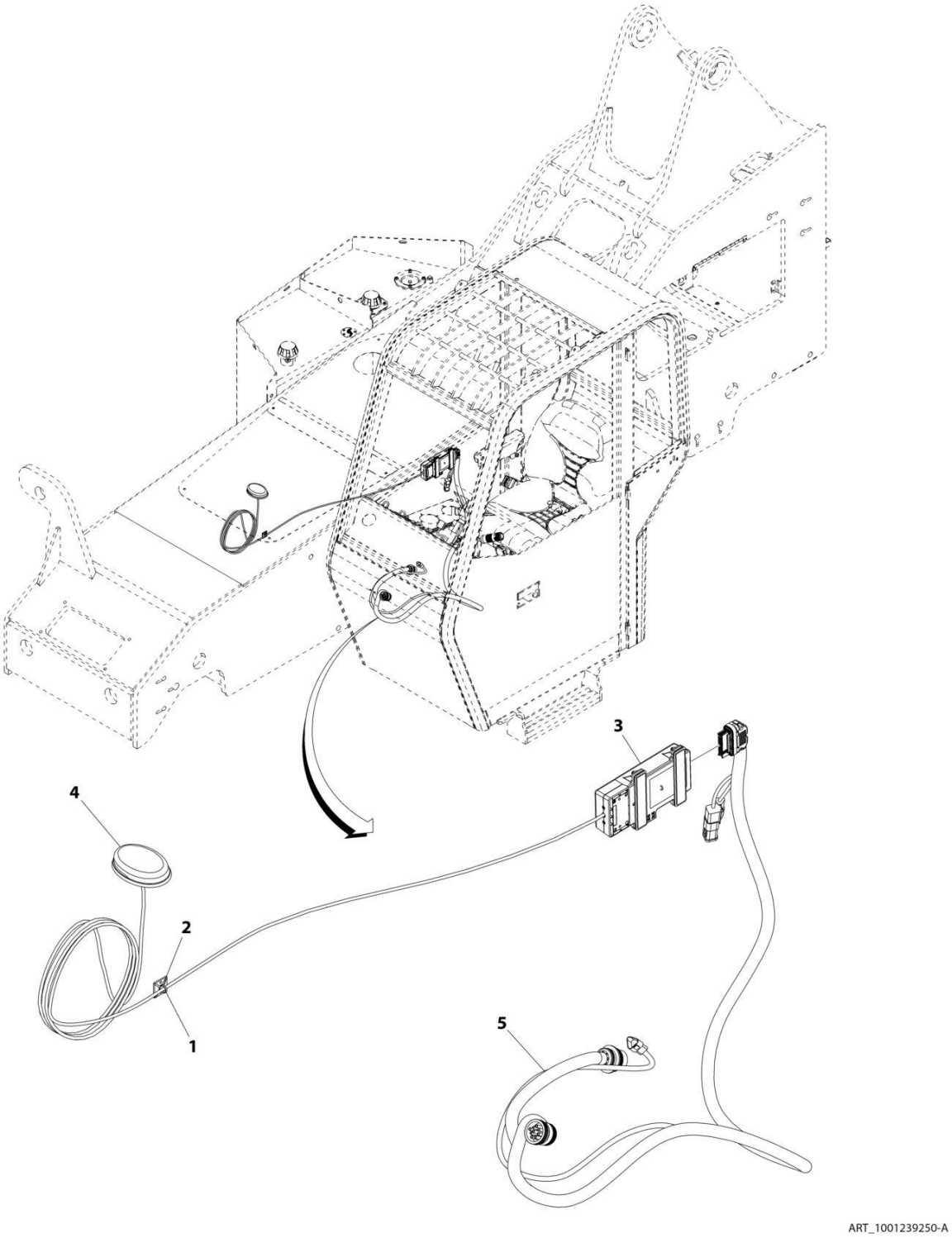


FIGURE 10-19. CLEARSKY INSTALLATION - CANBUS (CE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239250	Ref	Clearsky Installation (CE)	A
1	4240032	AR	Tie-Strap	
2	4460234	AR	Mount, Tie-Strap	
3	1001228954	1	Module	
4	1001226799	1	Antenna	
5	1001226856	1	Harness, Clearsky (See Separate Breakdown in this Section)	

FIGURE 10-20. CLEARSKY TELEMATICS 3-WIRE INSTALLATION

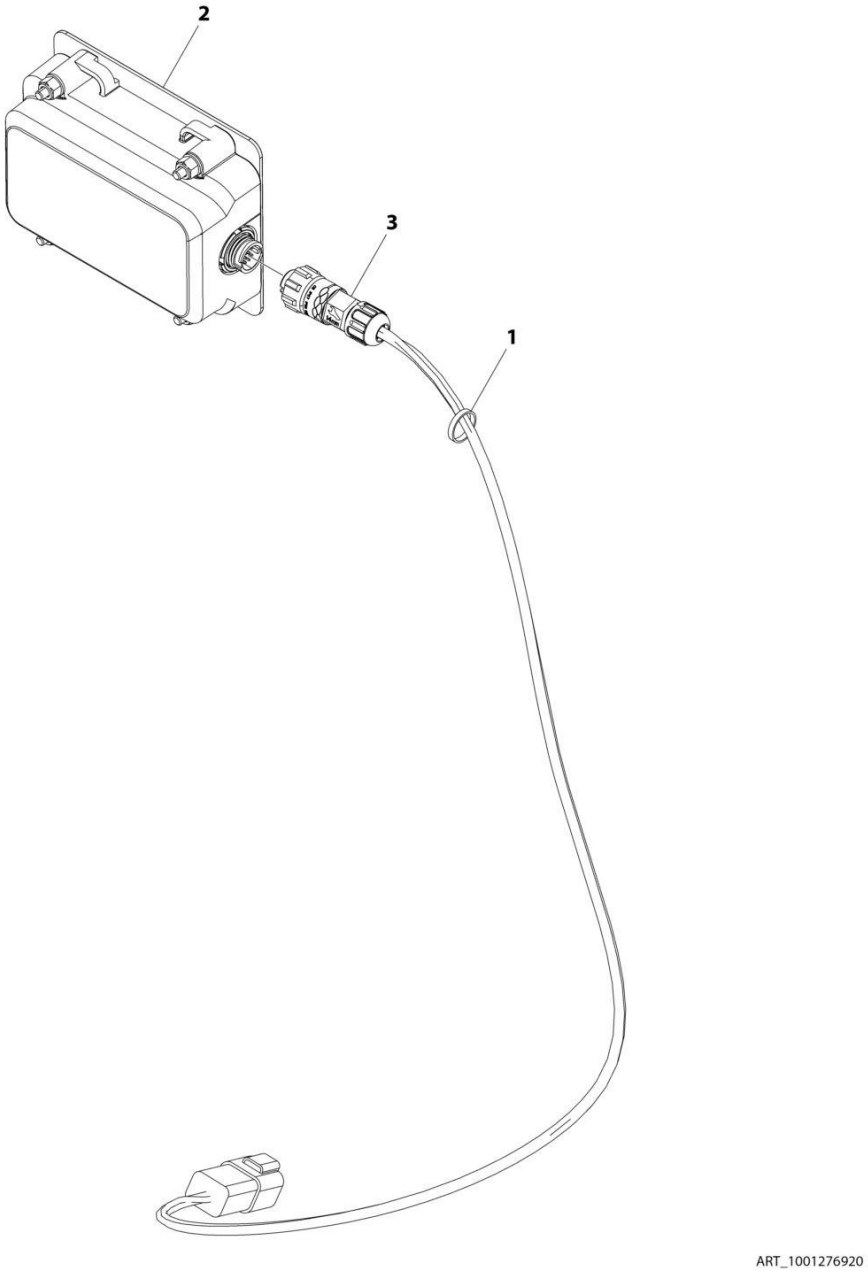


FIGURE 10-20. CLEARSKY TELEMATICS 3-WIRE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276920	Ref	CLEARSKY TELEMATICS 3-WIRE INSTALLATION	A
1	4240032	AR	Tie, Strap	
2	1001272659	1	Module - GT1030	
3	1001273012	1	ClearSky Telematics 3-Wire Harness (See Separate Breakdown in this Section)	

FIGURE 10-21. CLEARSKY TELEMATICS 3-WIRE HARNESS

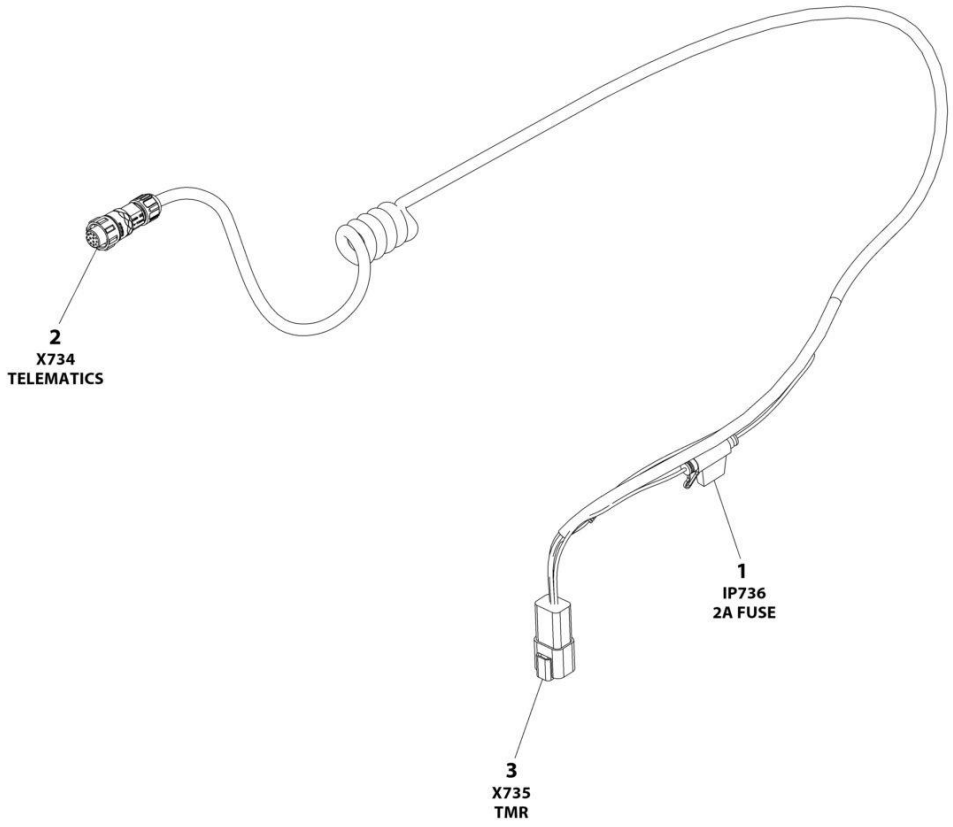


FIGURE 10-21. CLEARSKY TELEMATICS 3-WIRE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001273012	Ref	CLEARSKY TELEMATICS HARNESS - GT1030	D
1	1001255901	1	Fuseholder	
1	1001196634	1	Fuse - 2Amp	
2	1001272997	1	Connector - 12 Position	
2		Ref	Terminal	
3	4460932	1	Receptacle, Female - 4 Position	
3	4460464	4	Pin, Male	

FIGURE 10-22. CLEARSKY V3 INSTALLATION (CLOSED CAB)

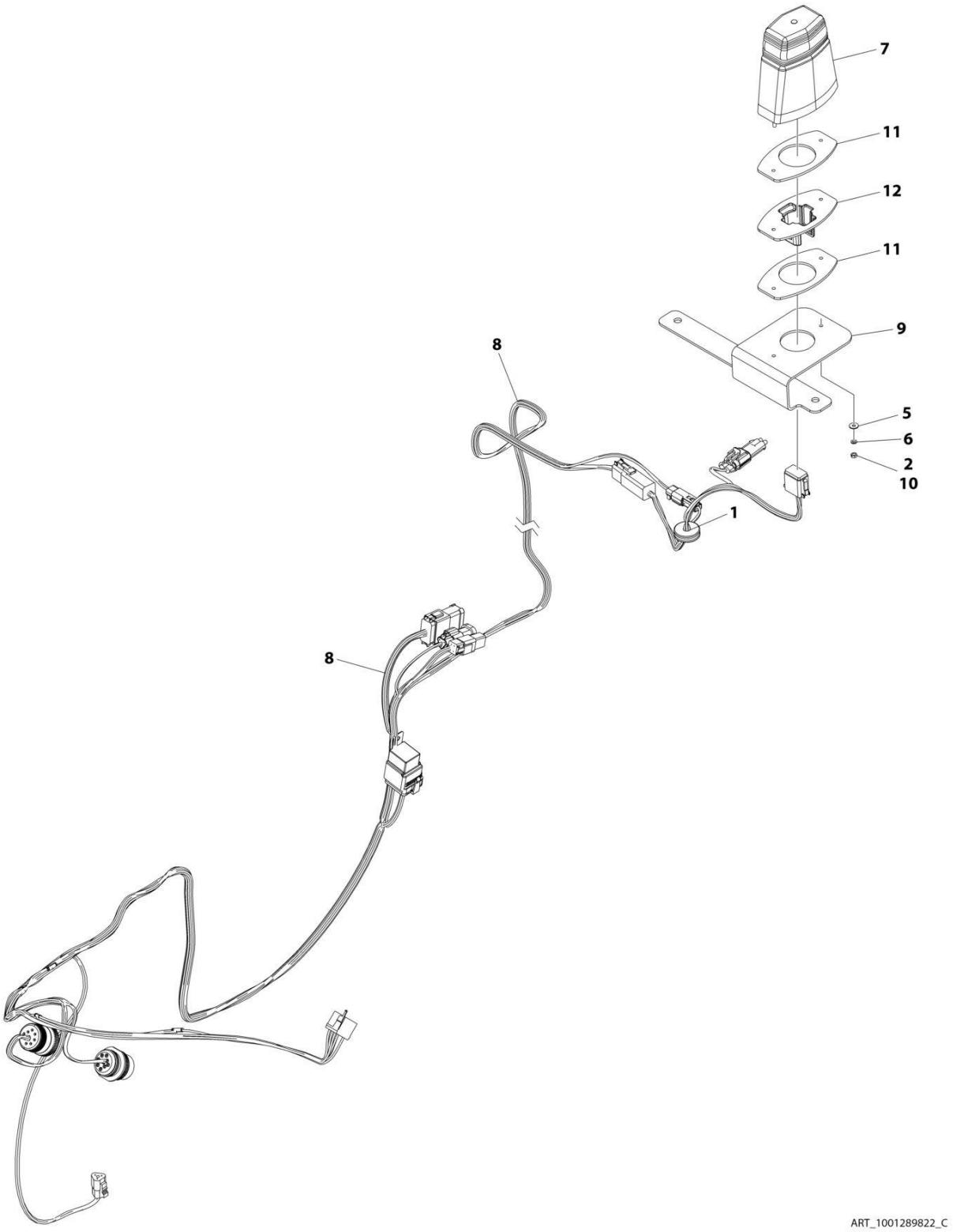


FIGURE 10-22. CLEARSKY V3 INSTALLATION (CLOSED CAB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289822	Ref	CLEARSKY INSTALLATION	C
1	0100009	AR	Adhesive	
2	0100011	AR	Compound, Locking	
4	4240032	AR	Tie-Strap (Not Shown)	
5	1001091102	2	Washer M4	
6	4831400	2	Washer M4	
7	1001280661	1	Module, ClearSky	
8	1001288404	1	Harness, ClearSky (See Separate Breakdown in this Section)	
9	1001288820	1	Bracket, ClearSky Mounting	
10	3290401	2	Nut M4	
11	1001291056	2	Gasket	
12	1001289648	1	Mount	

FIGURE 10-23. CLEARSKY V3 INSTALLATION (OPEN CAB)

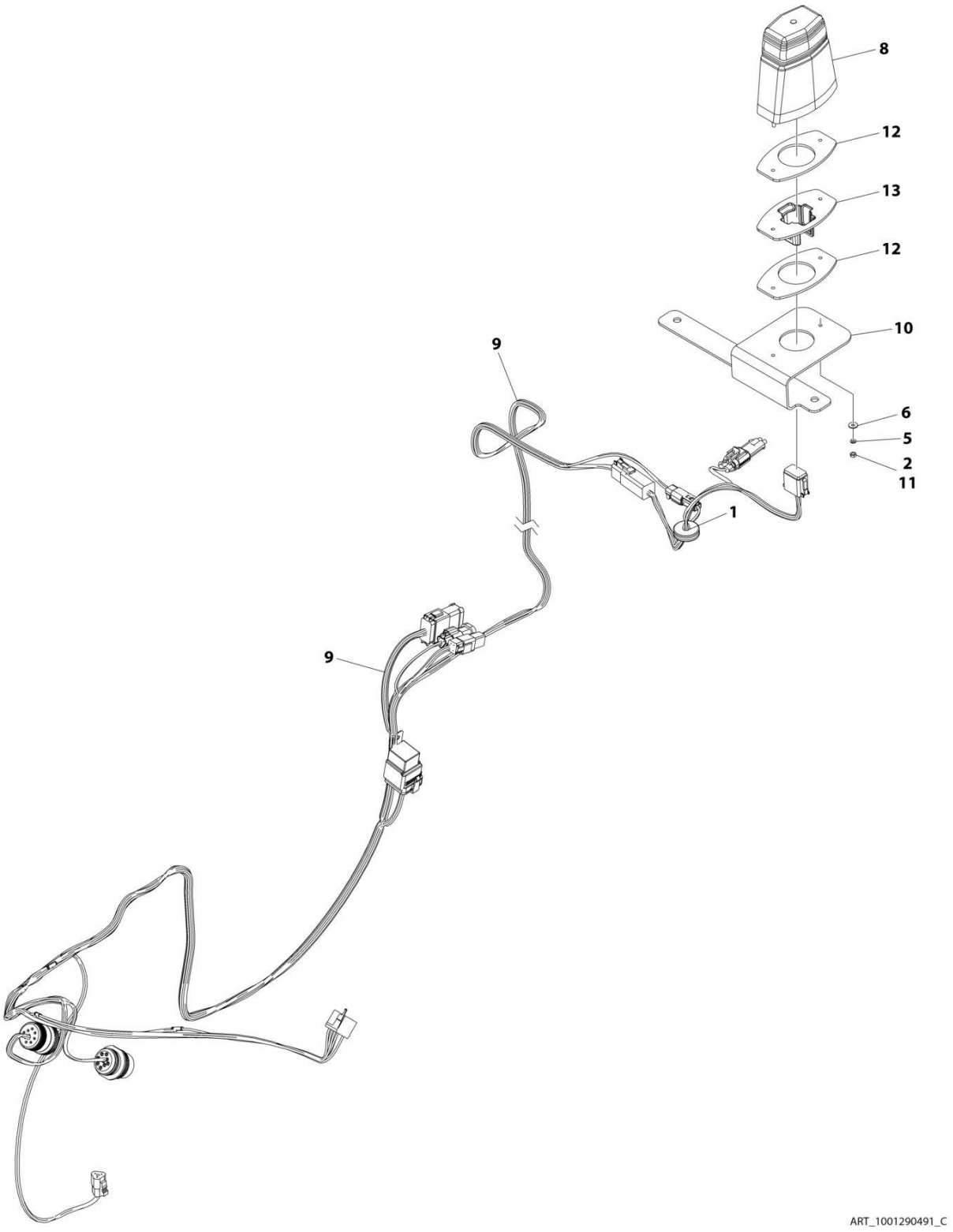


FIGURE 10-23. CLEARSKY V3 INSTALLATION (OPEN CAB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001290491	Ref	CLEARSKY INSTALLATION	C
1	0100009	AR	Adhesive	
2	0100011	AR	Compound, Locking	
4	4240032	AR	Tie-Strap (Not Shown)	
5	1001091102	2	Washer M4	
6	4831400	2	Washer, Lock M4	
8	1001280661	1	Module, ClearSky	
9	1001288404	1	Harness, ClearSky (See Separate Breakdown in this Section)	
10	1001288820	1	Bracket, ClearSky Mounting	
11	3290401	2	Nut M4	
12	1001291056	2	Gasket	
13	1001289648	1	Mount	

FIGURE 10-24. COLD WEATHER PACKAGE (LS)

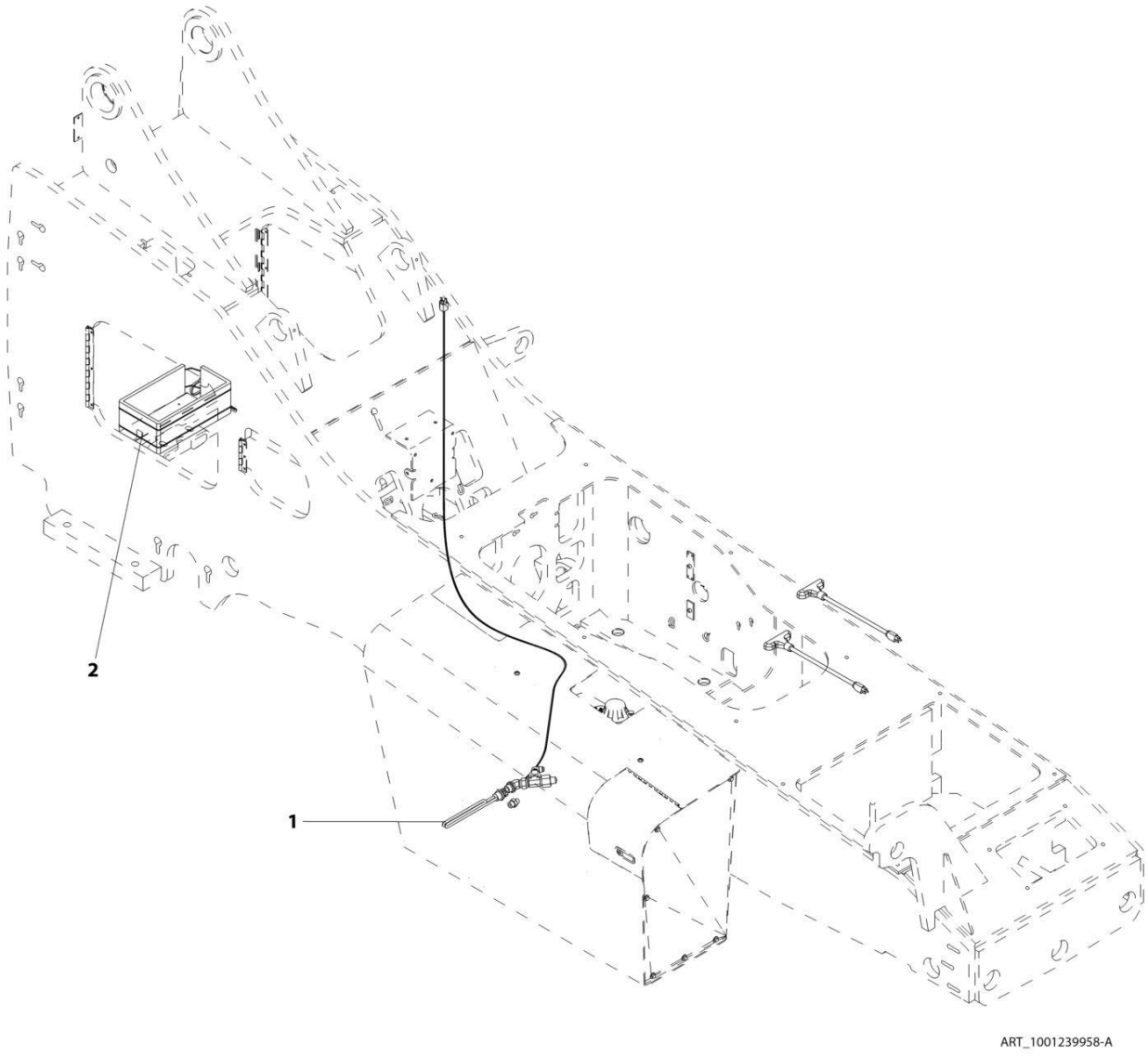


FIGURE 10-24. COLD WEATHER PACKAGE (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239958	Ref	Arctic Weather Package Installation (LS)	A
1	1001233964	Ref	Installation, Tank Heater (See Separate Breakdown in this Section)	
2	1001234216	Ref	Installation, Battery Blanket (See Separate Breakdown in this Section)	

FIGURE 10-25. COLD WEATHER PACKAGE (ULS)

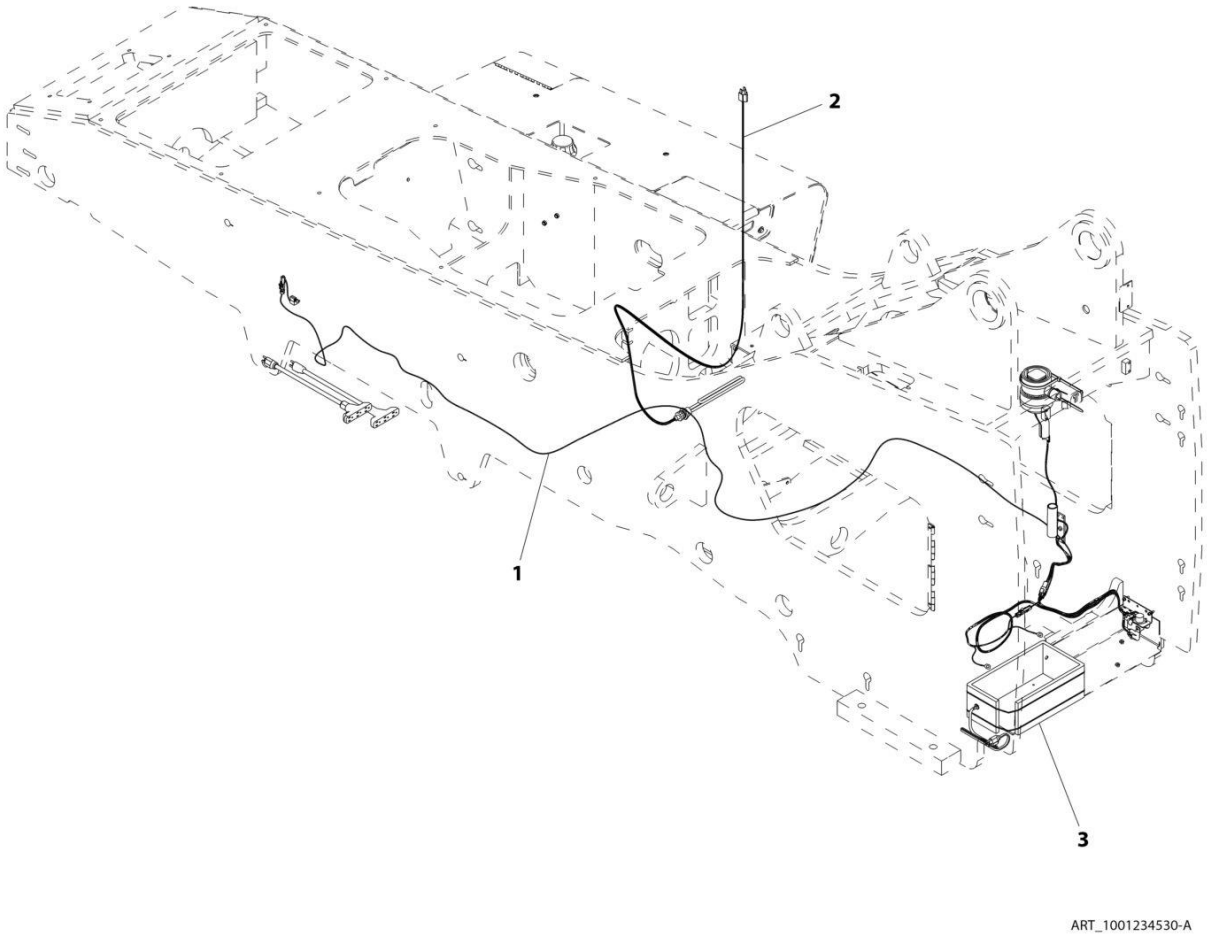
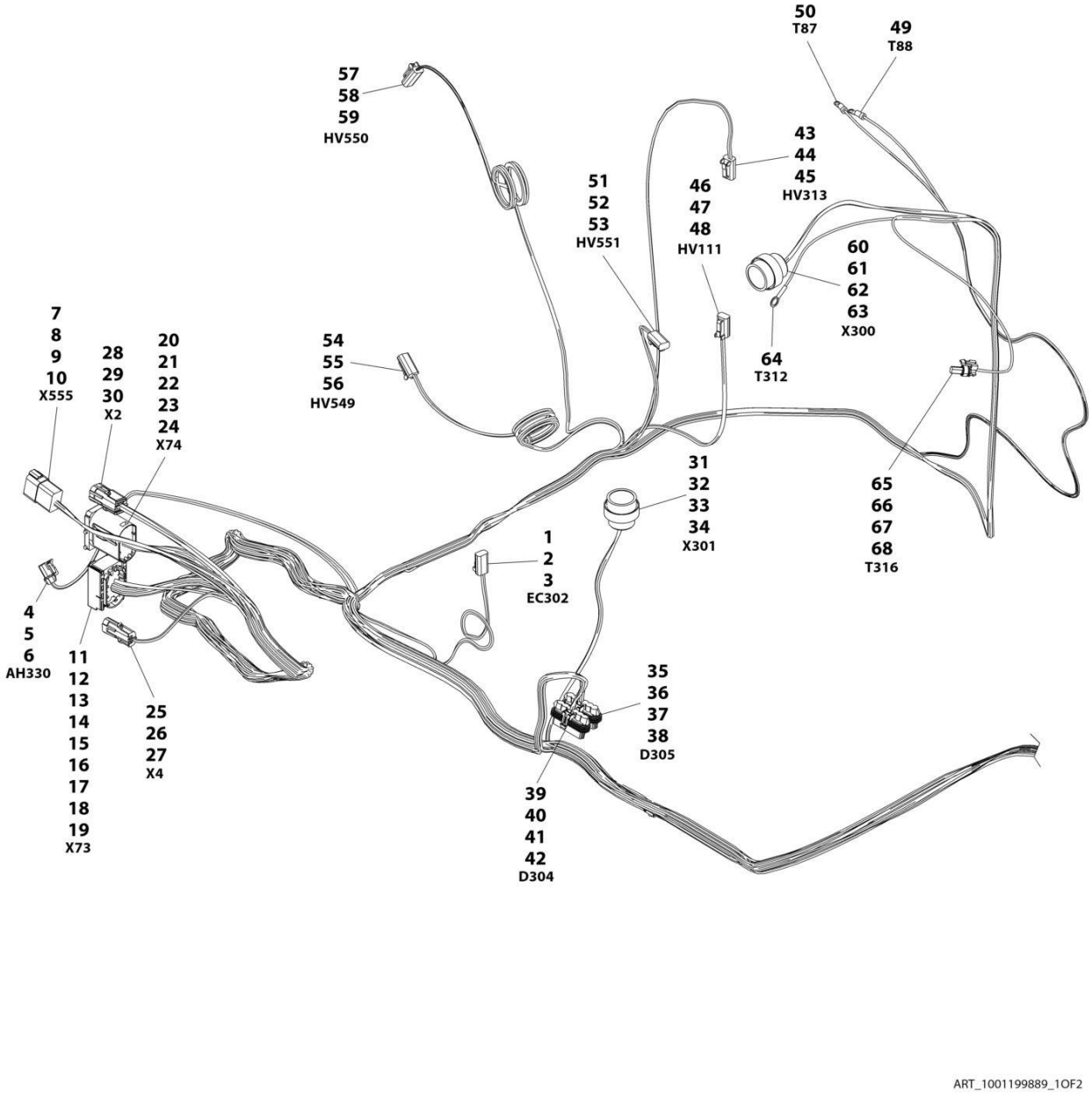
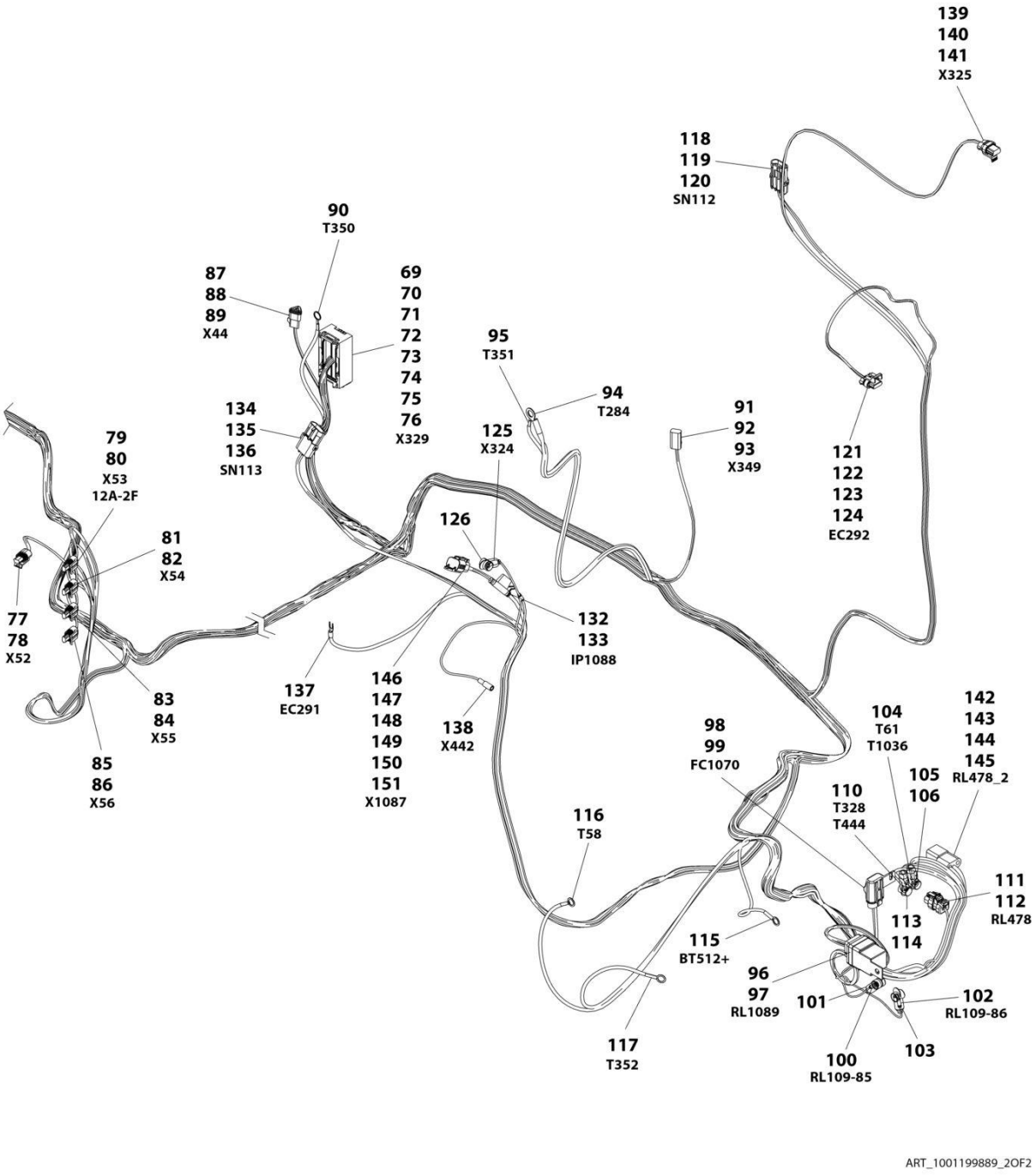


FIGURE 10-25. COLD WEATHER PACKAGE (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001234530	Ref	Arctic Weather Package Installation (ULS)	A
1	1001232750	Ref	Heater, Breather (See Separate Breakdown in Engine And Attaching Parts Section)	
2	1001233964	Ref	Installation, Tank Heater (See Separate Breakdown in this Section)	
3	1001234216	Ref	Installation, Battery Blanket (See Separate Breakdown in this Section)	

FIGURE 10-26. ENGINE HARNESS (74HP)





ART_1001199889_2OF2

FIGURE 10-26. ENGINE HARNESS (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199889	Ref	ENGINE HARNESS 74HP (IF EQUIPPED FOR ULS)	I
1	4460891	1	Connector	
2	80604018	1	Lock, Wedge	
3	4460465	2	Terminal	
4	1001117068	1	Connector	
5	8220124	2	Terminal	
6	80963067	2	Seal	
6	4460608	2	Seal	
7	4460931	1	Connector	
8	91503106	1	Lock, Wedge	
9	4460464	4	Terminal	
10	4460466	4	Plug	
11	8220927	1	Connector	
12	70024256	1	Lock, Slide	
13	70024255	1	Seal, Connector	
14	70024254	1	Lock, Secondary	
15	8220097	10	Terminal	
16	4460458	10	Seal	
17	8220098	3	Terminal	
18	80963067	3	Seal	
19	1001116727	2	Plug	
20	8220929	1	Connector	
21	70024253	1	Lock, Secondary	
22	1001116745	1	Terminal	
23	1001116729	14	Terminal	
24	4460458	15	Seal	
25	4461157	1	Connector	
26	4460475	2	Terminal	
27	4460458	2	Seal	
28	80963062	1	Connector	
29	4460850	4	Terminal	
30	80963067	4	Seal	
31	8220536	1	Connector	
32	1001116758	12	Plug	
33	1001116757	4	Terminal	
34	1001189875	4	Seal	
35	4460744	1	Connector	
36	1001116728	4	Terminal	
37	1001116727	2	Plug	
38	8220081	4	Seal	
39	4460744	1	Connector	
40	1001116728	4	Terminal	
41	1001116727	2	Plug	
42	8220081	4	Seal	
43	4460891	1	Connector	
44	80604018	1	Lock, Wedge	
45	4460465	2	Terminal	
46	4460891	1	Connector	
47	80604018	1	Lock, Wedge	
48	4460465	2	Terminal	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49	4460042	1	Terminal, Ring	
50	4460042	1	Terminal, Ring	
51	4460891	1	Connector	
52	80604018	1	Lock, Wedge	
53	4460465	2	Terminal	
54	4460891	1	Connector	
55	80604018	1	Lock, Wedge	
56	4460465	2	Terminal	
57	4460891	1	Connector	
58	80604018	1	Lock, Wedge	
59	4460465	2	Terminal	
60	8220536	1	Connector	
61	1001116757	4	Terminal	
62	1001116758	12	Plug	
63	1001189875	4	Seal	
64	4460256	1	Terminal, Ring	
65	1001119004	1	Connector	
66	8220889	1	Lock, Secondary	
67	1001116728	1	Terminal	
68	4460458	1	Seal	
69	1001167641	1	Connector	
70	1001167643	1	Cover	
71	1001167644	1	Lock, Secondary	
72	1001167646	1	Lock, Secondary	
73	1001167647	1	Boot, Rubber	
74	1001167648	10	Terminal	
75	1001167650	75	Plug	
76	1001167649	11	Terminal	
77	4460955	1	Connector	
78	1001116748	2	Terminal	
79	4460955	1	Connector	
80	1001116748	2	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	4461095	1	Connector	
88	4460465	2	Terminal	
89	4460466	1	Plug	
90	4460019	1	Terminal, Ring	
91	4460891	1	Connector	
92	80604018	1	Lock, Wedge	
93	4460465	2	Terminal	
94	8220164	2	Terminal, Ring	
95	4460019	1	Terminal, Ring	
96	1001145707	1	Connector	
97	1001116732	4	Terminal	
98	1001117070	1	Connector	
99	1001116734	2	Terminal	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
100	4460247	1	Terminal, Ring	
101	1001195057	1	Red Boot	
102	4460247	1	Terminal, Ring	
103	1001195055	1	Red Boot	
104	4460312	1	Terminal, Ring	
105	4460312	1	Terminal, Ring	
106	1001195087	1	Red Boot	
110	4460312	1	Terminal, Ring	
111	1001116950	1	Connector	
112	4460465	2	Terminal	
113	4460312	2	Terminal, Ring	
114	1001195087	1	Red Boot	
115	4460019	1	Terminal, Ring	
115	4460312	1	Terminal, Ring	
116	4460019	1	Terminal, Ring	
117	4460019	1	Terminal, Ring	
118	4460476	1	Connector	
119	4460475	3	Terminal	
120	4460458	3	Seal	
121	1001125027	1	Connector	
122	70026217	1	Lock, Secondary	
123	8220124	3	Terminal	
124	4460608	3	Seal	
125	8220058	1	Terminal, Ring	
126	1001195055	1	Red Boot	
132	2400060	1	Fuse Holder	
133	8229242	1	Fuse 5A	
134	4460476	1	Connector	
135	4460475	3	Terminal	
136	4460458	3	Seal	
137	1001117111	1	Terminal, Fork	
138	1001117125	1	Terminal, Snap Plug	
138	1001246391	1	Terminal, Snap Plug	
139	1001117021	1	Connector	
140	1001116728	2	Terminal	
141	8220081	2	Seal	
142	1001117103	1	Connector	
143	7026404	1	Lock, Connector	
144	1001121730	2	Terminal	
145	8220160	2	Seal	
146	4460884	1	Connector	
147	80604021	1	Lock, Wedge	
148	1001157890	1	Terminal	
149	1001116692	2	Terminal	
150	4460466	1	Plug	
151	1001192401	1	Dust Cap	

FIGURE 10-27. ENGINE HARNESS (110HP LS)

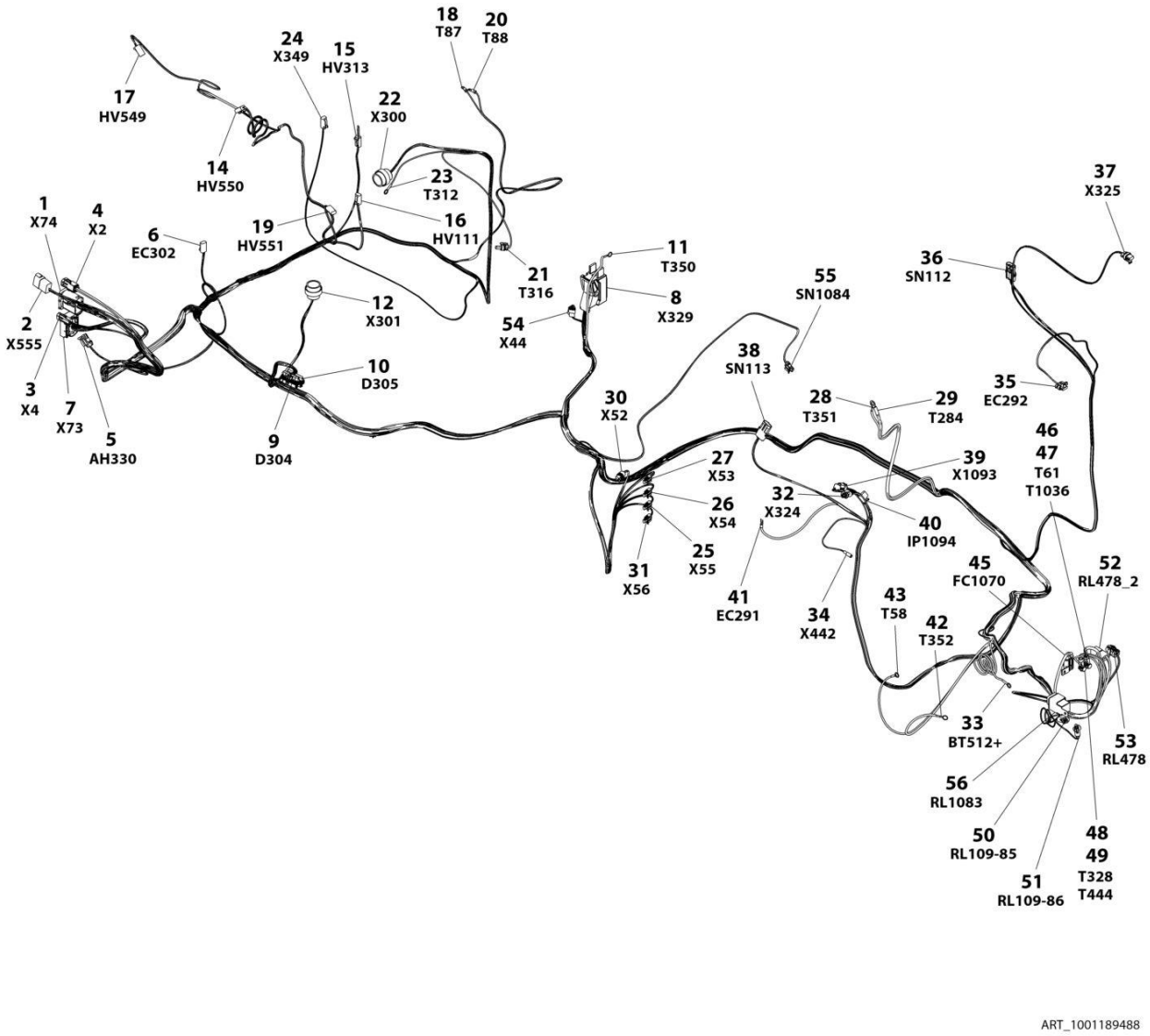


FIGURE 10-27. ENGINE HARNESS (110HP LS)

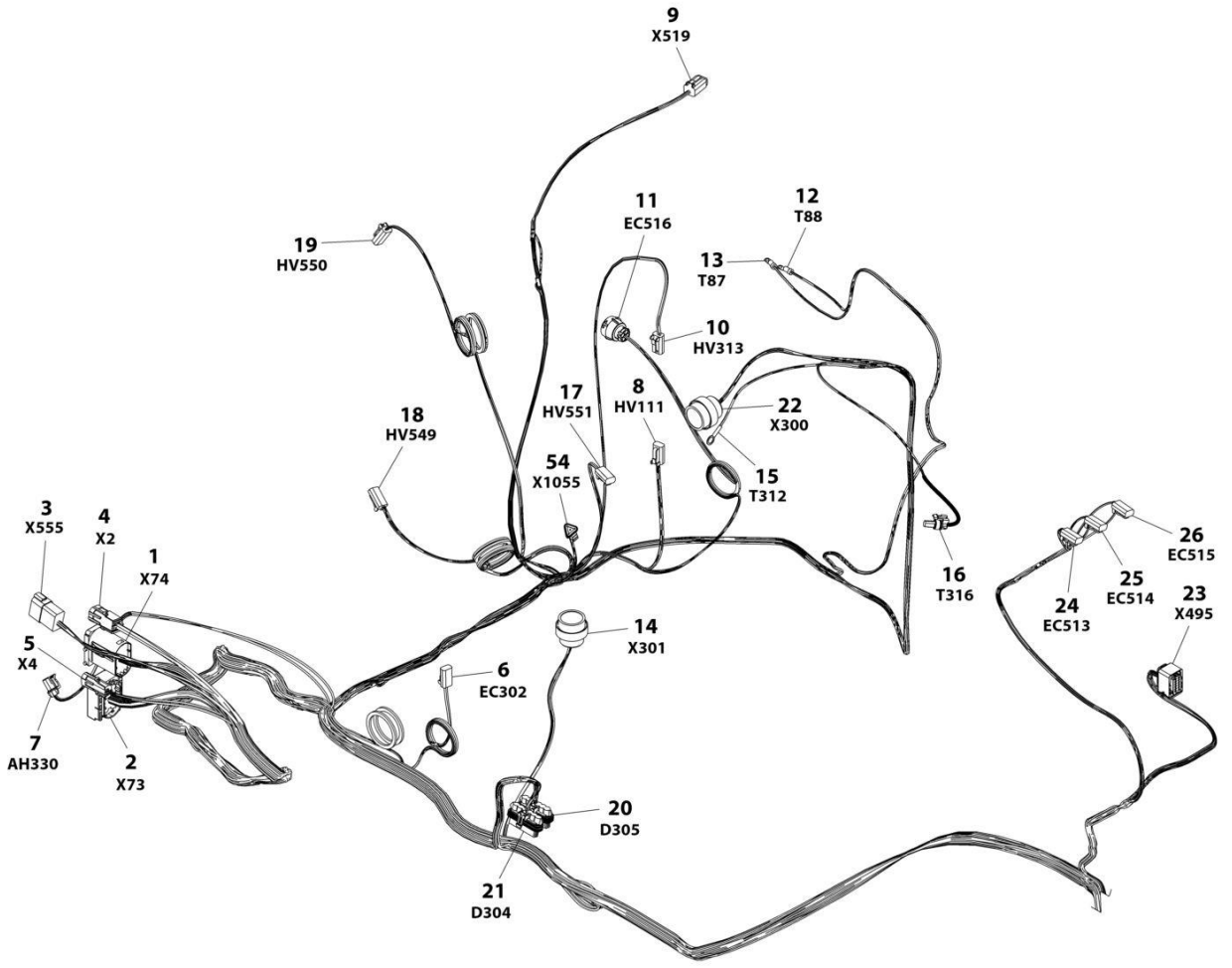
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001189488	Ref	ENGINE HARNESS	K
1	8220929	1	Connector	
	1001116745	1	Terminal	
	1001116729	14	Terminal	
	4460458	15	Seal	
2	4460931	1	Connector	
	80604024	1	Lock, Wedge	
	4460464	4	Terminal	
	4460466	4	Plug	
3	4461157	1	Connector	
	4460475	2	Terminal	
	4460458	2	Seal	
4	80963062	1	Connector	
	4460850	4	Terminal	
	80963067	4	Seal	
5	1001117068	1	Connector	
	8220124	2	Terminal	
	80963067	2	Seal	
6	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
7	8220927	1	Connector	
	8220097	12	Terminal	
	8220098	2	Terminal	
	1001116727	1	Plug	
	4460458	11	Seal	
	80963067	2	Seal	
	1001189877	1	Seal	
8	1001133173	1	Connector	
	1001138643	6	Terminal	
	1001126356	77	Terminal	
	1001138642	8	Terminal	
	1001126351	3	Terminal	
	1001126353	6	Seal	
9	4460744	1	Connector	
	1001116728	4	Terminal	
	1001116727	2	Plug	
	8220081	4	Seal	
10	4460744	1	Connector	
	1001116728	4	Terminal	
	1001116727	2	Plug	
	8220081	4	Seal	
11	4460019	1	Terminal, Ring	
12	8220536	1	Connector	
	1001116758	12	Plug	
	1001116757	4	Terminal	
	1001189875	4	Seal	
14	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
15	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
16	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
17	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
18	4460042	1	Terminal, Ring	
19	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
20	4460042	1	Terminal, Ring	
21	1001119004	1	Connector	
	1001116728	1	Terminal	
	4460458	1	Seal	
22	8220536	1	Connector	
	1001116757	4	Terminal	
	1001116758	12	Plug	
	1001189875	4	Seal	
23	4460256	1	Terminal, Ring	
24	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
25	4460955	1	Connector	
	1001116748	2	Terminal	
26	4460955	1	Connector	
	1001116748	2	Terminal	
27	4460955	1	Connector	
	1001116748	2	Terminal	
28	4460019	1	Terminal, Ring	
29	8220164	1	Terminal, Ring	
30	4460955	1	Connector	
	1001116748	2	Terminal	
31	4460955	1	Connector	
	1001116748	2	Terminal	
32	8220058	1	Terminal, Ring	
33	4460019	1	Terminal, Ring	
34	1001117125	1	Terminal, Snap Plug	
35	1001125027	1	Connector	
	8220124	3	Terminal	
	4460608	3	Seal	
36	4460476	1	Connector	
	4460475	3	Terminal	
	4460458	3	Seal	
37	1001117021	1	Connector	
	1001116728	2	Terminal	
	8220081	2	Seal	
38	4460476	1	Connector	
	4460475	3	Terminal	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4460458	3	Seal	
39	4460884	1	Connector	
	80604021	1	Lock, Wedge	
	4460465	3	Terminal	
	4460466	1	Plug	
	1001192401	1	Dust Cap	
40	2400060	1	Fuse Holder	
41	4460142	1	Connector	
	1001117111	1	Terminal	
42	4460019	1	Terminal, Ring	
43	4460019	1	Terminal, Ring	
45	1001117070	1	Connector	
	1001116734	2	Terminal	
46	4460312	1	Terminal, Ring	
	1001195087	1	Red Boot	
47	4460312	2	Terminal, Ring	
48	4460312	2	Terminal, Ring	
	1001195087	1	Red Boot	
49	4460312	1	Terminal, Ring	
50	4460247	1	Terminal, Ring	
	1001195057	1	Black Boot	
51	4460247	1	Terminal, Ring	
	1001195055	1	Red Boot	
52	1001117103	1	Connector	
	1001121730	2	Terminal	
53	1001116950	1	Connector	
	4460465	2	Terminal	
54	4461095	1	Plug	
	4461070	1	Connector	
	4460465	2	Terminal	
	4460466	1	Terminal	
55	1001209097	1	Connector	
	8220124	2	Terminal	
56	1001145707	1	Connector	
	1001116732	4	Terminal	

FIGURE 10-28. ENGINE HARNESS (110HP ULS)



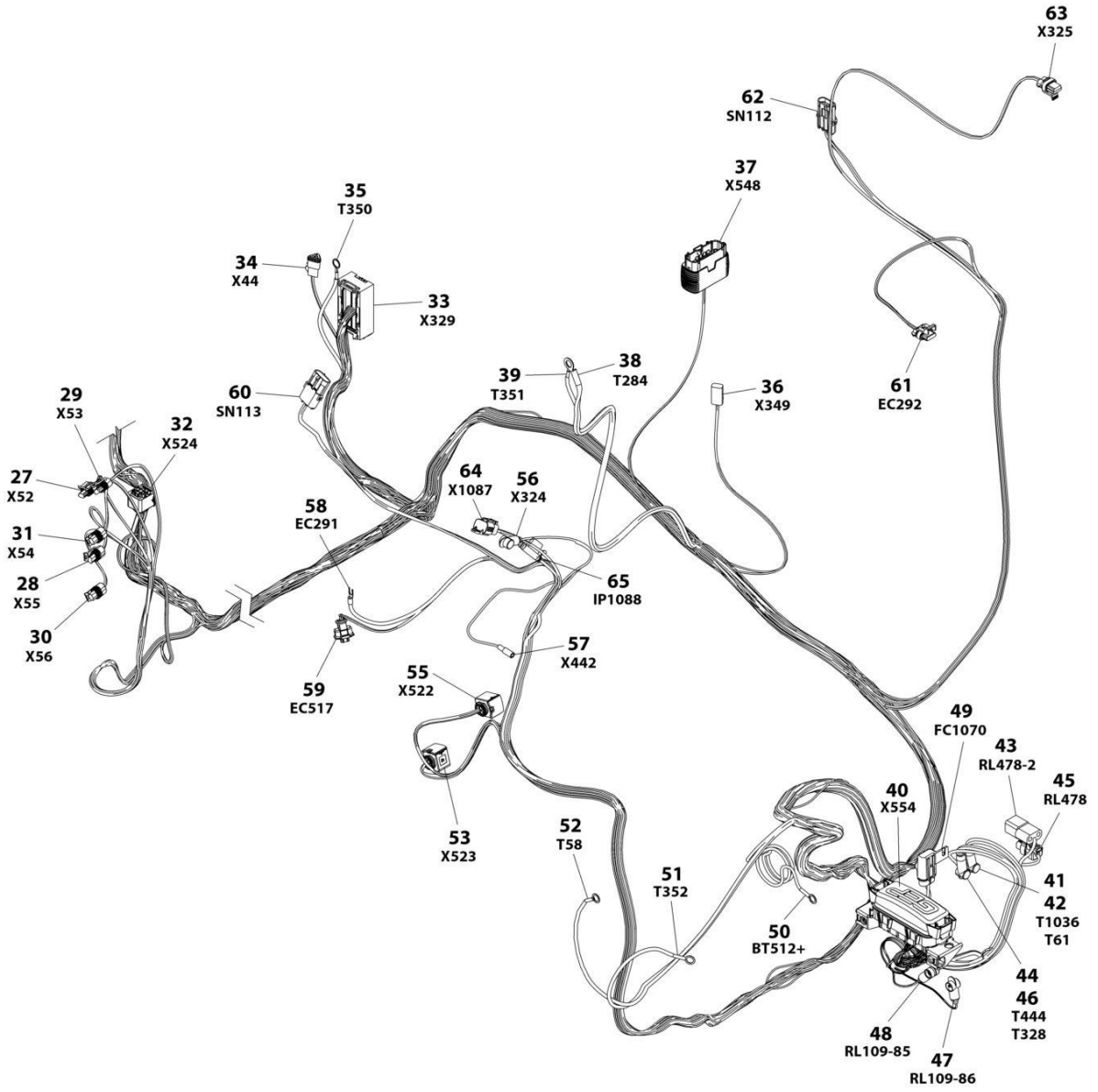

63
X325
62
SN112
37
X548
35
T350
34
X44
33
X329
39
T351
38
T284
36
X349
61
EC292
60
SN113
29
X53
32
X524
27
X52
64
X1087
56
X324
58
EC291
31
X54
28
X55
30
X56
65
IP1088
57
X442
59
EC517
55
X522
53
X523
52
T58
51
T352
50
BT512+
49
FC1070
43
RL478-2
45
RL478
40
X554
41
42
T1036
T61
44
46
T444
T328
48
RL109-85
47
RL109-86
ART_1001169620_2OF2

FIGURE 10-28. ENGINE HARNESS (110HP ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169620	Ref	ENGINE HARNESS	O
1	8220929	1	Connector	
	70024253	1	Lock, Secondary	
	1001116745	1	Terminal	
	4460458	14	Seal	
	1001116729	13	Terminal	
	1001116727	1	Plug	
2	8220927	1	Connector	
	70024256	1	Lock, Slide	
	70024255	1	Seal, Connector	
	70024254	1	Lock, Secondary	
	8220097	11	Terminal	
	4460458	11	Seal	
	8220098	3	Terminal	
	80963067	3	Seal	
	1001116727	1	Plug	
3	4460931	1	Connector	
	80604024	1	Lock, Wedge	
	4460464	6	Terminal	
	4460466	2	Plug	
4	80963062	1	Connector	
	4460850	4	Terminal	
	80963067	4	Seal	
5	4461157	1	Connector	
	4460475	2	Terminal	
	4460458	2	Seal	
6	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
7	1001117068	1	Connector	
	8220124	2	Terminal	
	80963067	2	Seal	
	4460608	2	Seal	
8	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
9	4460884	1	Connector	
	80604021	1	Lock, Wedge	
	4460465	4	Terminal	
10	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
	4460458	2	Seal	
11	1001167620	1	Connector	
	1001176004	2	Terminal	
	1001167624	2	Plug	
	1001176002	2	Seal	
12	4460042	1	Terminal, Ring	
13	4460042	1	Terminal, Ring	
14	8220536	1	Connector	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001116757	12	Terminal	
	1001116758	3	Plug	
	1001189875	4	Seal	
15	4460256	1	Terminal, Ring	
16	1001119004	1	Connector	
	8220889	1	Lock, Secondary Terminal	
	1001116728	1	Terminal	
	4460458	1	Seal	
17	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
18	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
19	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
20	4460744	1	Connector	
	1001116728	4	Terminal	
	8220081	4	Seal	
	4460458	4	Seal	
	8220375	1	CAP,EXTENDED CLEAR VES-PAC	
	8220366	1	Diode Board Flyback	
	1001116727	2	Plug	
21	4460744	1	Connector	
	1001116728	4	Terminal	
	8220081	4	Seal	
	4460458	4	Seal	
	1001116727	2	Plug	
	8220366	1	Diode Board Flyback	
	8220375	1	CAP,EXTENDED CLEAR VES-PAC	
22	8220536	1	Connector	
	1001116757	4	Terminal	
	1001116758	12	Plug	
	1001189875	4	Seal	
23	1001165194	1	Connector	
	1001166556	10	Terminal	
	1001126391	2	Terminal	
	1001126393	10	Seal	
24	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
25	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
26	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
27	4460955	1	Connector	
	1001116748	2	Terminal	
28	4460955	1	Connector	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001116748	2	Terminal	
29	4460955	1	Connector	
	1001116748	2	Terminal	
30	4460955	1	Connector	
	1001116748	2	Terminal	
31	4460955	1	Connector	
	1001116748	2	Terminal	
32	1001176935	1	Connector	
	1001166704	4	Terminal	
	4461006	4	Seal	
33	1001167641	1	Connector	
	1001167643	1	Cover	
	1001167644	1	Lock, Secondary	
	1001167646	1	Relief, Strain	
	1001167647	1	Boot, Rubber	
	1001167648	12	Terminal	
	1001167650	54	Plug	
	1001167649	30	Terminal	
34	4461095	1	Connector	
	4461070	1	Attach Mating Connector	
	4460465	2	Terminal	
	4460466	1	Terminal	
35	4460019	1	Terminal, Ring	
36	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
37	1001125083	1	Connector	
	1001125085	1	Terminal	
	1001125089	1	Terminal	
38	8220164	2	Terminal, Ring	
39	4460019	1	Terminal, Ring	
40	1001167617	1	Connector	
	4460746	22	Terminal	
	1001116727	24	Plug	
	1001189877	2	Seal	
	8220089	1	Seal	
	4460458	19	Seal	
	8220125	2	Terminal	
	80963067	2	Seal	
	1001187512	1	Decal	
	1001187513	1	Decal	
	1001095704	5	Relay	
	8229244	2	Fuse, 15 Amp	
41	4460312	2	Terminal, Ring	
	1001195087	1	Red Boot	
42	4460312	1	Terminal, Ring	
43	1001117103	1	Connector	
	7026404	1	Lock, Connector	
	1001121730	2	Terminal	
	8220160	2	Seal	
44	4460312	1	Terminal, Ring	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
45	1001116950	1	Connector	
	4460465	2	Terminal	
	1001118390	2	Terminal	
46	4460312	2	Terminal, Ring	
	1001195087	1	Red Boot	
47	4460247	1	Terminal, Ring	
	1001195055	1	Red Boot	
48	4460247	1	Terminal, Ring	
	1001195087	1	Black Boot	
49	1001117070	1	Connector	
	1001116734	2	Terminal	
50	4460312	1	Terminal, Ring	
	4460019	1	Terminal, Ring	
51	4460019	1	Terminal, Ring	
52	4460019	1	Terminal, Ring	
53	1001176935	1	Connector	
	1001166704	4	Terminal	
	4461006	4	Seal	
54	4461095	1	Connector	
	4461070	1	Attach Mating Connector	
	4460465	2	Terminal	
	4460466	1	Plug	
55	1001167528	1	Connector	
	1001166704	4	Terminal	
	4461006	4	Seal	
56	8220058	1	Terminal, Ring	
	1001195055	1	Red Boot	
57	1001117125	1	Terminal, Snap Plug	
	1001246391	1	Terminal, Snap Plug	
58	1001117111	1	Terminal, Fork	
59	1001126487	1	Connector	
	1001126484	2	Terminal	
	4461006	2	Seal	
60	4460476	1	Connector	
	4460475	3	Terminal	
	4460458	3	Seal	
61	1001125027	1	Connector	
	70026217	1	Lock, Secondary	
	8220124	3	Terminal	
	4460608	3	Seal	
	1001237778	3	Seal	
62	4460476	1	Connector	
	4460475	3	Terminal	
	4460458	3	Seal	
63	1001117021	1	Connector	
	1001116728	2	Terminal	
	8220081	2	Seal	
64	4460884	1	Connector	
	1001192401	1	Dust Cap	
	1001157890	1	Terminal	
	1001116692	2	Terminal	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4460466	1	Plug	
65	2400066	1	Connector	
	2400060	1	Fuseholder	
	8229242	1	Fuse, 5 Amp	

FIGURE 10-29. HVAC HARNESS

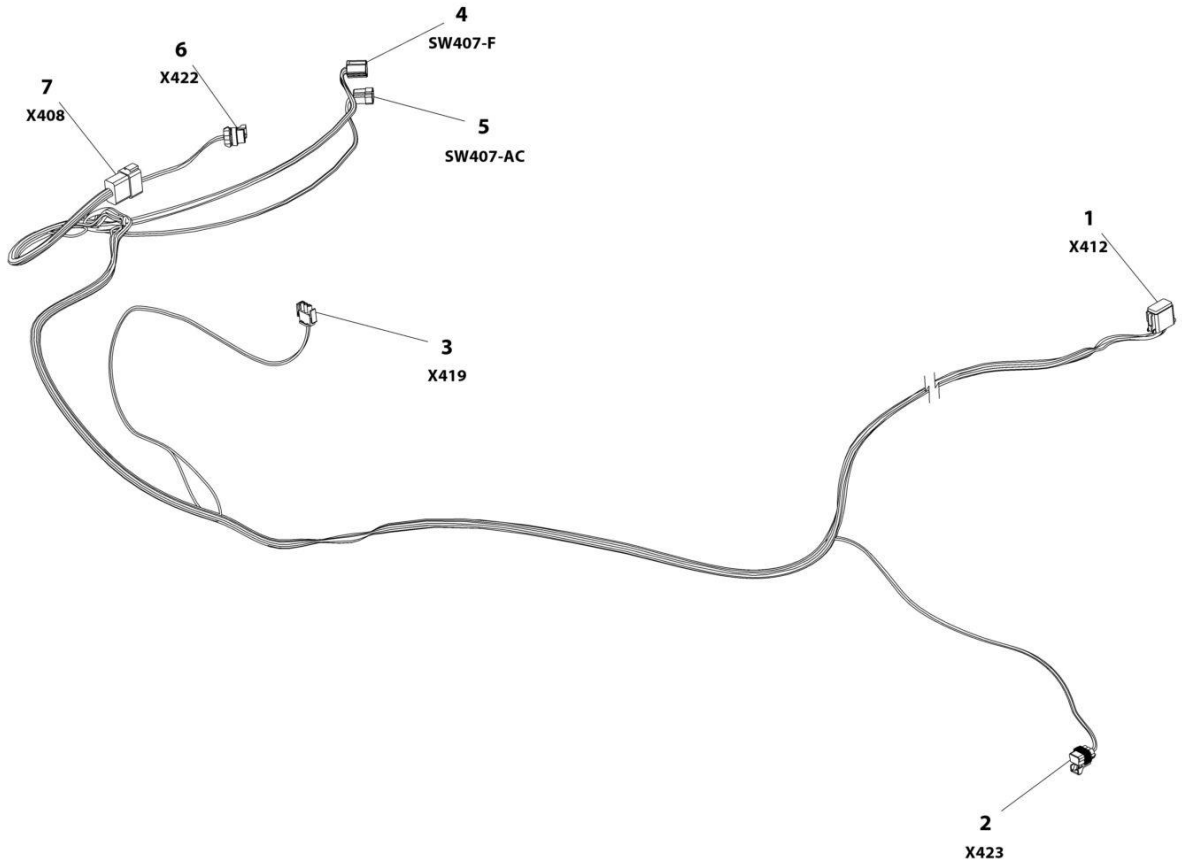


FIGURE 10-29. HVAC HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178347	Ref	HVAC Harness	E
1	4460933	1	Connector	
	80604016	1	Lock, Wedge	
	4460942	9	Terminal	
	4460465	2	Terminal	
	4460466	1	Terminal	
2	8220895	1	Connector	
	70026216	1	Lock, Secondary	
	8220124	3	Terminal	
	1001116751	3	Terminal, Plug	
3	4460326	1	Connector	
	4460268	2	Terminal	
4	1001117080	1	Connector	
	1001116723	5	Terminal	
5	1001117059	1	Connector	
	1001116736	3	Terminal	
6	1001125027	1	Connector	
	70026217	1	Lock, Secondary	
	8220124	3	Terminal	
7	4460950	1	Connector	
	80363179	1	Lock, Wedge	
	1001157891	5	Terminal	
	4460464	6	Terminal	
	4460466	1	Terminal	

FIGURE 10-30. BEACON OPTION HARNESS

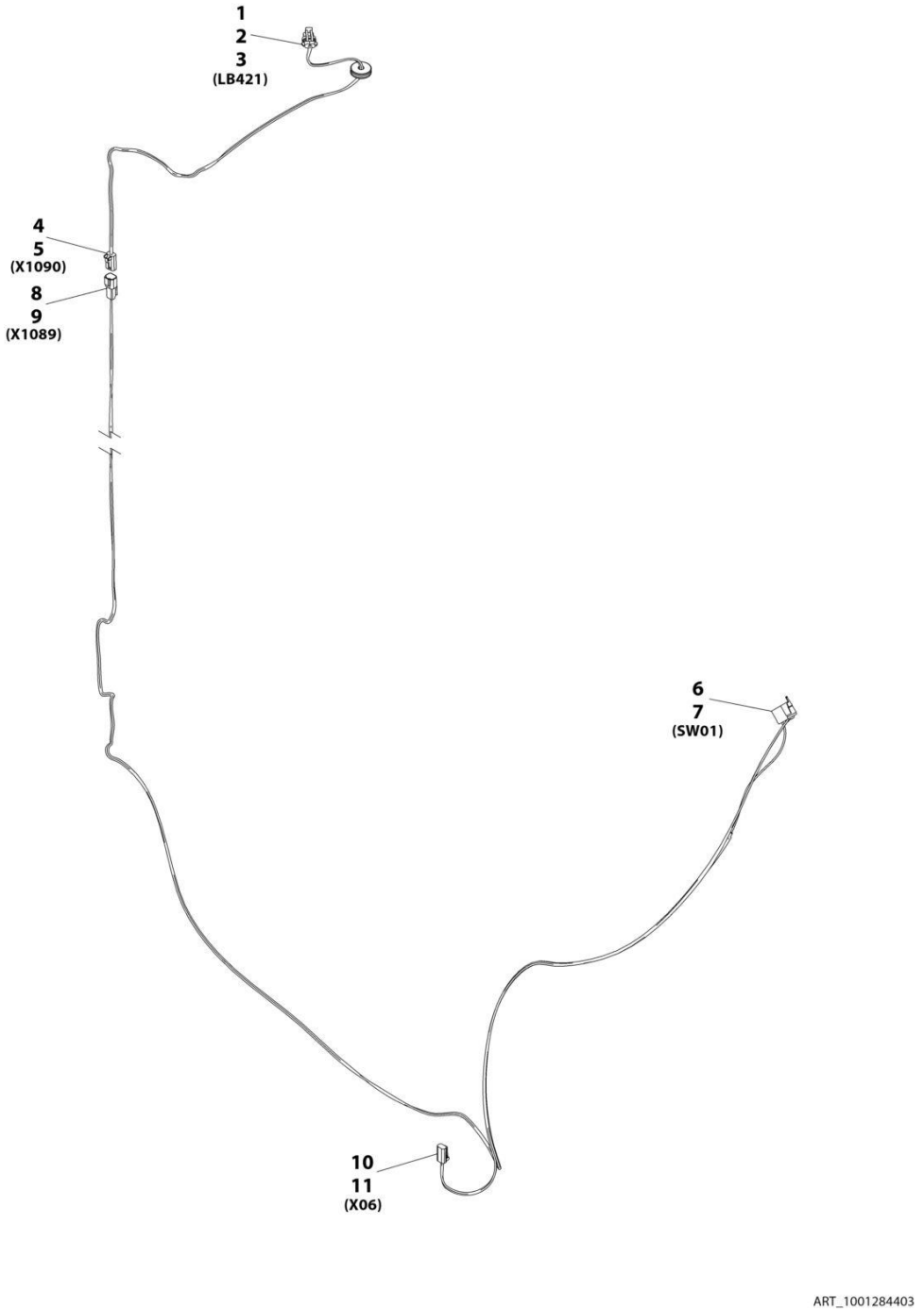


FIGURE 10-30. BEACON OPTION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284403	Ref	BEACON OPTION HARNESS	A
1	1001117021	1	Connector	
2	1001116728	2	Terminal	
3	4460458	2	Seal	
4	4460891	1	Connector	
5	4460465	2	Terminal	
6	8220904	1	Connector	
7	4460419	6	Terminal	
8	4460897	1	Connector	
9	4460464	2	Terminal	
10	4460539	1	Connector	
11	4460465	3	Terminal	

FIGURE 10-31. LIGHTS - BEACON LIGHT INSTALLATION (OPEN CAB)

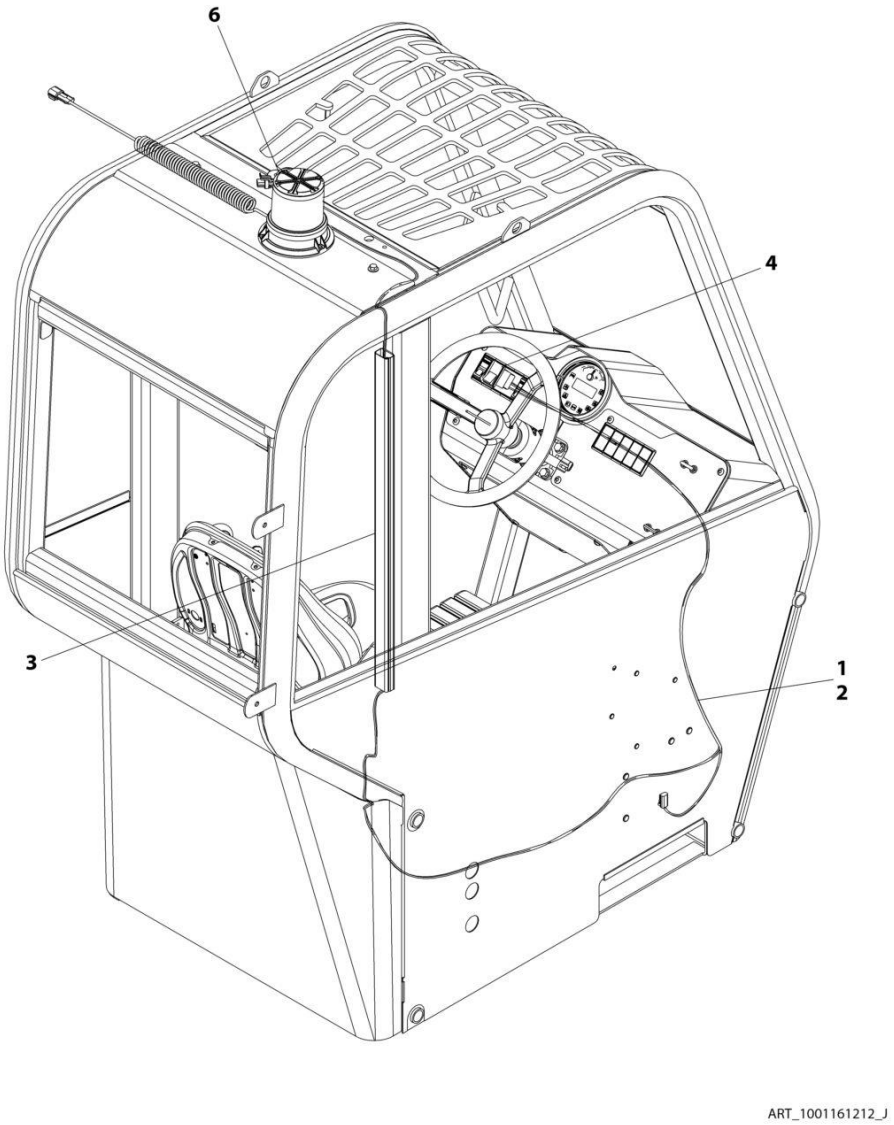


FIGURE 10-31. LIGHTS - BEACON LIGHT INSTALLATION (OPEN CAB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161212	Ref	LIGHTS - BEACON LIGHT INSTALLATION (OPEN CAB)	J
1	0100009	AR	Sealant	
2	1001284403	1	Harness, Beacon Option (See Separate Breakdown in this Section)	
3	1001182091	1	Duct, Upper Wire	
4	8223038	1	Switch, Beacon	
6	1001271586	1	Light, Rotating Beacon	

FIGURE 10-32. LIGHTS - BEACON LIGHT INSTALLATION (ENCLOSED CAB)

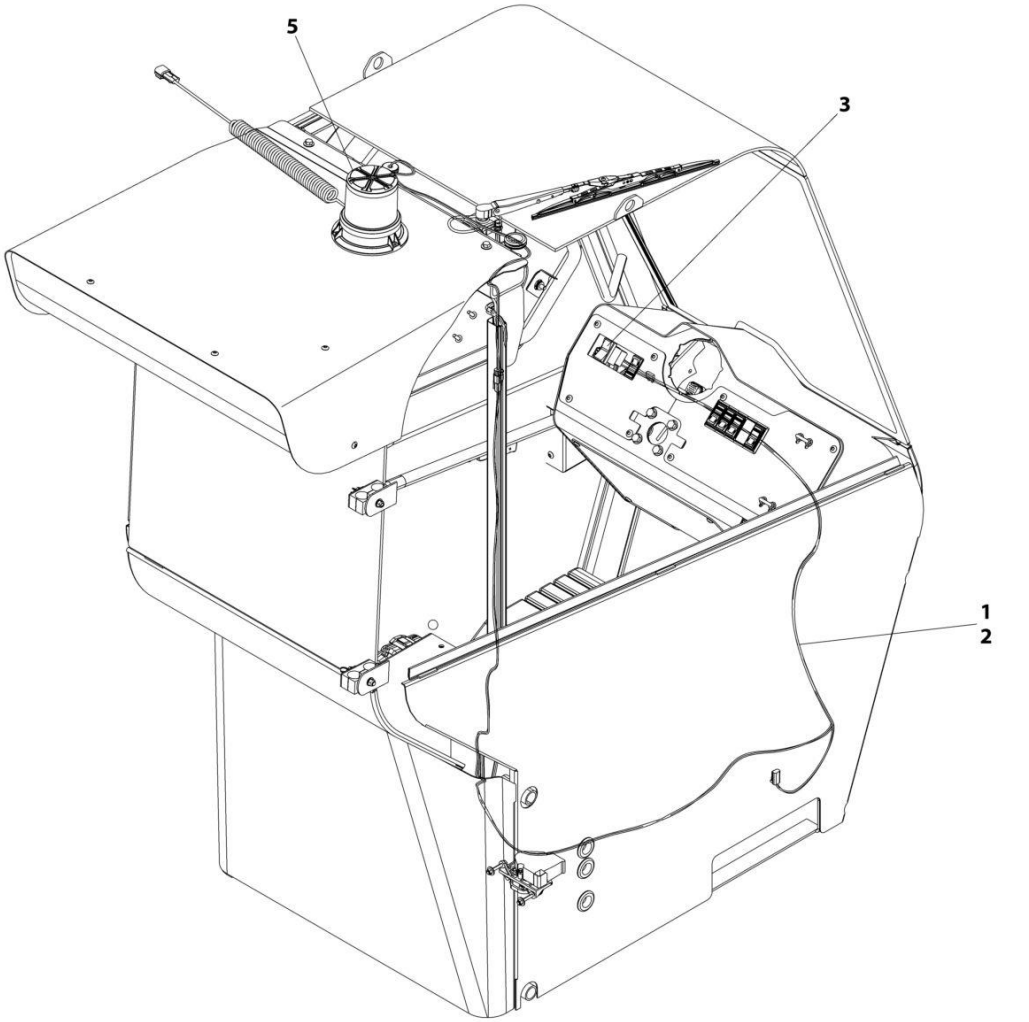


FIGURE 10-32. LIGHTS - BEACON LIGHT INSTALLATION (ENCLOSED CAB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161213	Ref	LIGHTS - BEACON LIGHT INSTALLATION (ENCLOSED CAB)	H
1	0100009	AR	Sealant	
2	1001284403	1	Harness, Beacon Option (See Separate Breakdown in this Section)	
3	8223038	1	Switch, Beacon	
5	1001271586	1	Light, Rotating Beacon	

FIGURE 10-33. LIGHTS - BOOM WORK LIGHT HARNESS

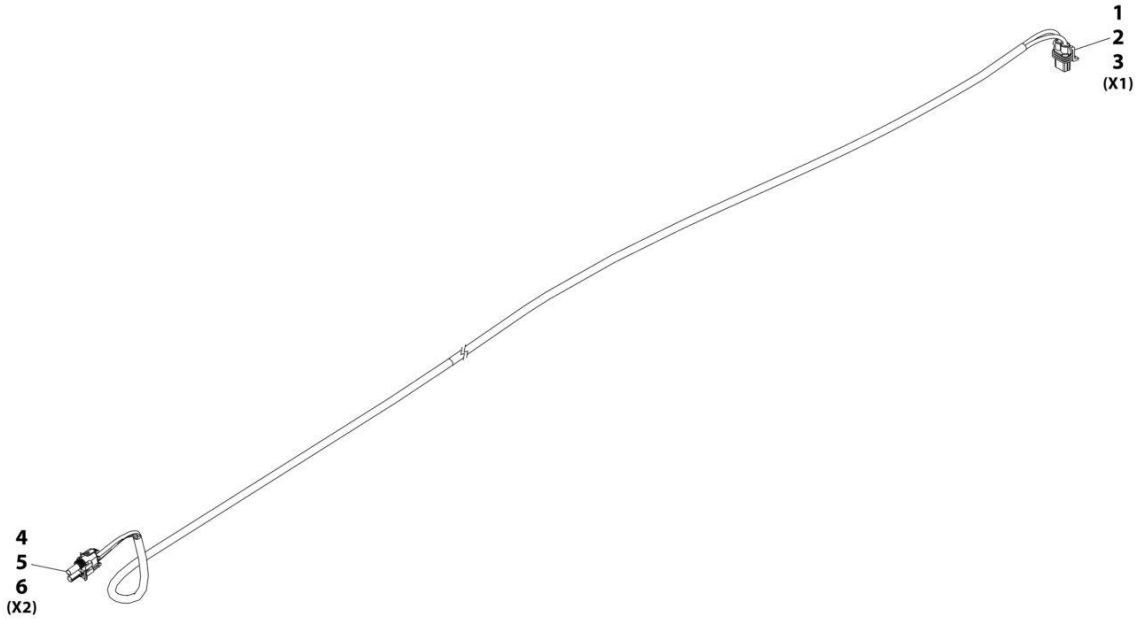


FIGURE 10-33. LIGHTS - BOOM WORK LIGHT HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238111	Ref	Boom Worklight Harness	B
1	1001117021	1	Connector	
2	1001116747	2	Terminal	
3	4460789	2	Seal	
4	4460742	1	Connector	
5	4460457	2	Terminal	
6	4460789	2	Seal	

FIGURE 10-34. LIGHTS - LED WORK LIGHT PACKAGE INSTALLATION

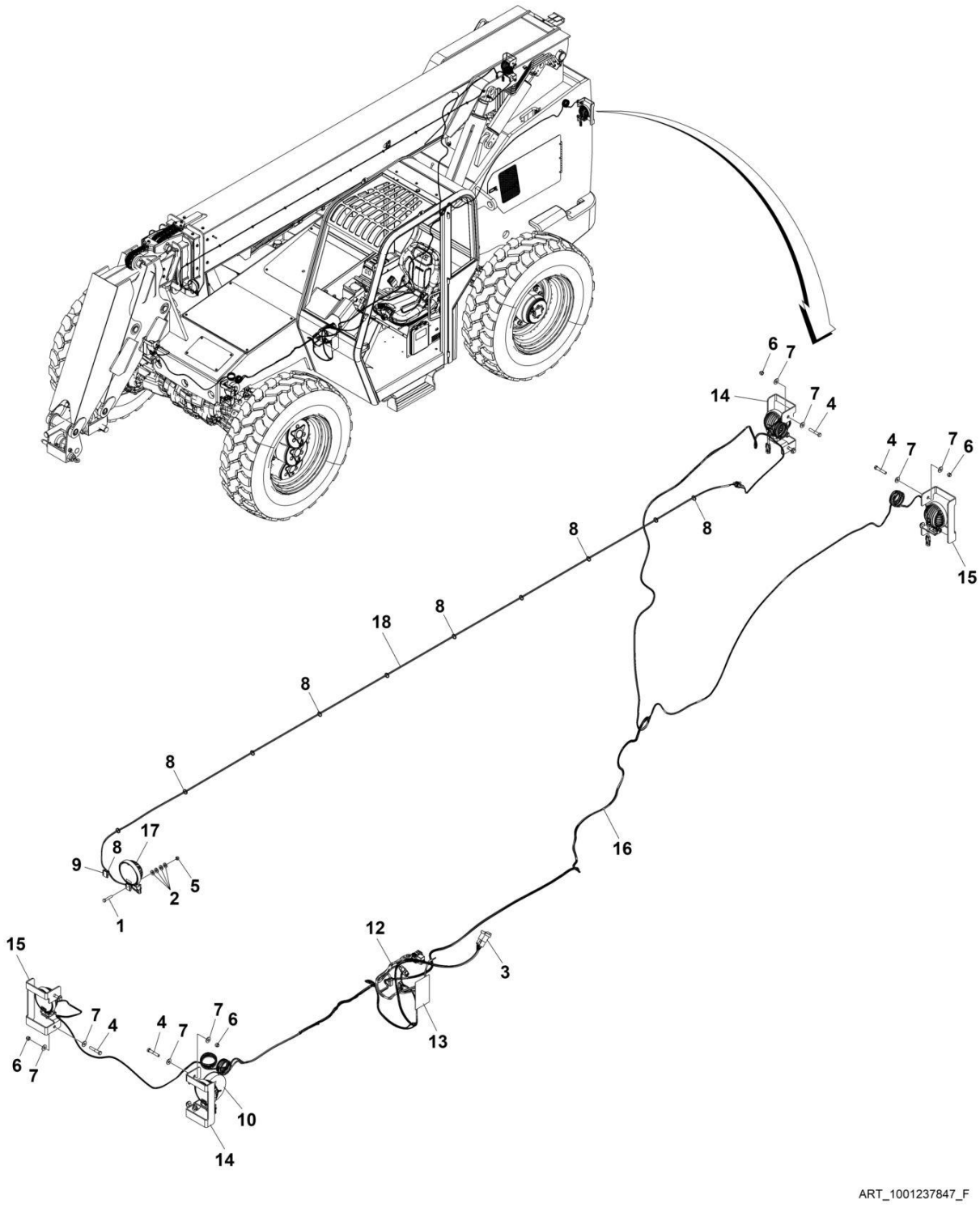


FIGURE 10-34. LIGHTS - LED WORK LIGHT PACKAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237847	Ref	LIGHTS - LED WORK LIGHT PACKAGE INSTALLATION	F
1	0641520	1	Bolt 5/16 x 2-1/2	
2	1001305569	1	Spacer	
2	1001173257	1	Spacer Block	
3	8223059	1	Switch, Work Light	
4	8303771	8	Bolt 3/8 x 2-1/4	
5	8305626	1	Nut 5/16	
6	8305645	8	Nut 3/8	
7	8307204	16	Washer 3/8	
8	8584001	AR	Wrap, Tie	
9	8584018	4	Mount, Tie-Strap	
10	7124471	2	Conduit, 1 x 12.5	
11	88501005	AR	Nut 5/16	
12	1001205248	1	Harness, Roadlight Worklight (See Separate Breakdown in this Section)	
13	1001205264	1	Decal, Light Fuse Panel	
14	1001237853	2	Assembly, LED RH Worklight (See Separate Breakdown in this Section)	
15	1001237854	2	Assembly, LED LH Worklight (See Separate Breakdown in this Section)	
16	1001238199	1	Harness, Work Light Option (See Separate Breakdown in this Section)	
17	1001273636	1	Lamp, LED Worklight	
18	1001238111	1	Harness, Boom Worklight (See Separate Breakdown in this Section)	

FIGURE 10-35. LED ROAD LIGHT INSTALLATION

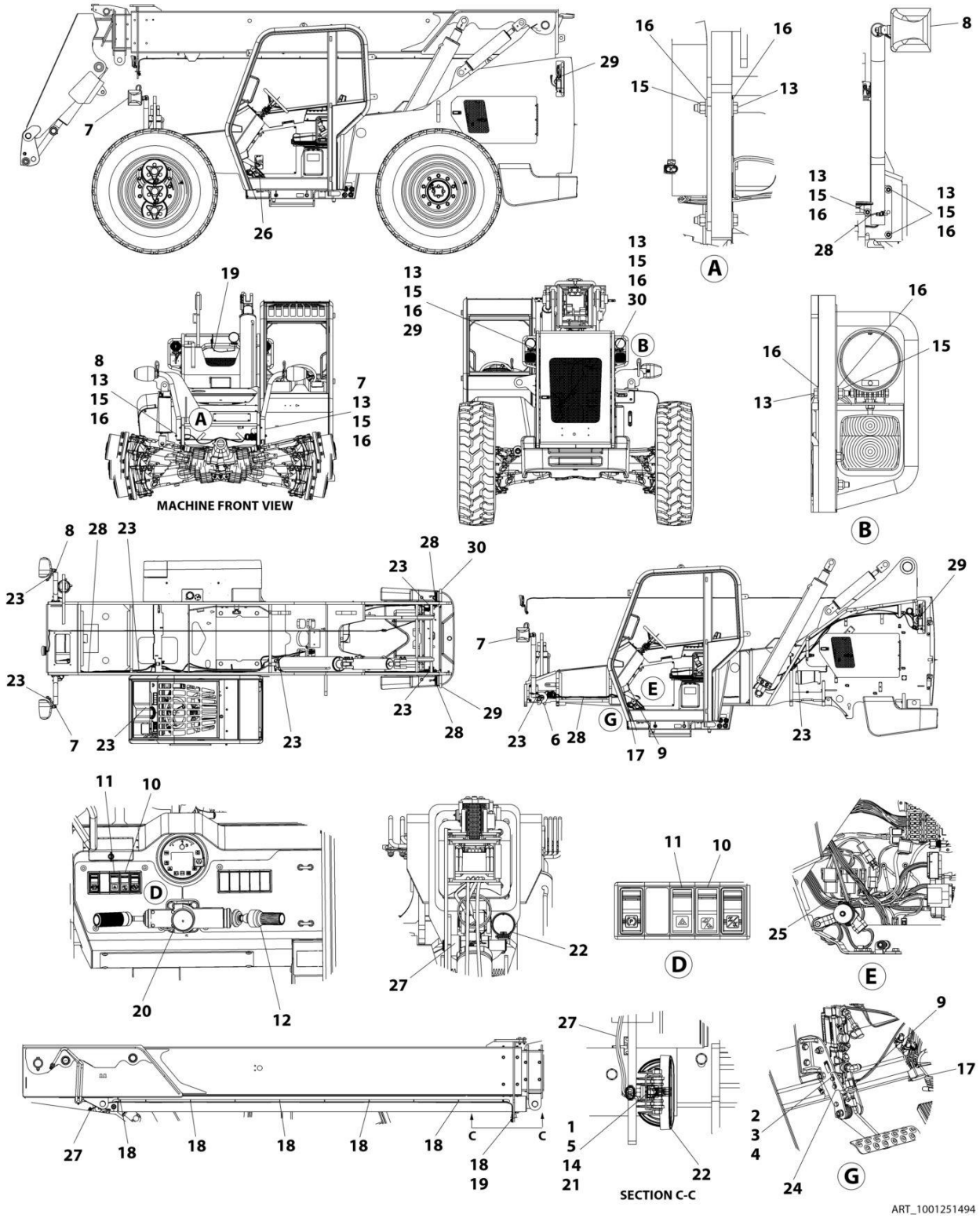


FIGURE 10-35. LED ROAD LIGHT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251494	Ref	LED WORKLIGHT INSTALLATION	A
1	0641512	1	Bolt 5/16 x 1	
2	0700614	2	Bolt M6 x 30	
3	4811700	2	Washer M6	
4	4831700	2	Washer M6	
5	4891600	2	Washer 3/8	
6	7124471	1	Conduit 1 x 12.5	
7	7150699	1	Assembly, LH Roadlight Bracket (See Separate Breakdown in this Section)	
8	7150716	1	Assembly, RH Roadlight Bracket (See Separate Breakdown in this Section)	
9	8223025	1	Switch, Brake Lights	
10	8223059	1	Switch, Work Light	
11	8223060	1	Switch, Hazard	
12	8223073	1	Control, Turn Signal	
13	8303771	10	Bolt, 3/8 x 1/4	
14	8305626	1	Nut 5/16	
15	8305645	10	Nut 3/8	
16	8307204	20	Washer 3/8	
17	8500203	1	Flasher, Hazard Warning 12V	
18	8584001	32	Wrap, Tie	
19	8584018	2	Mount, Cable Tie	
20	88211516	2	Screw M10	
21	88501005	1	Nut 5/16	
22	1001176337	1	Lamp, LED Worklight	
23	1001178346	1	Harness, Road Light Option (See Separate Breakdown in this Section)	
24	1001201752	1	Bracket, Brake Switch	
25	1001205248	1	Harness, Roadlight Worklight (See Separate Breakdown in this Section)	
26	1001205264	1	Decal, Light Fuse Panel	
27	1001238111	1	Harness, Boom Worklight (See Separate Breakdown in this Section)	
28	1001238199	1	Harness, Work Light Option (See Separate Breakdown in this Section)	
29	1001251270	1	Installation, LH Roadlight (See Separate Breakdown in this Section)	
30	1001251271	1	Installation, RH Roadlight (See Separate Breakdown in this Section)	

FIGURE 10-36. LIGHTS - ROAD LIGHT ASSEMBLY (LH)

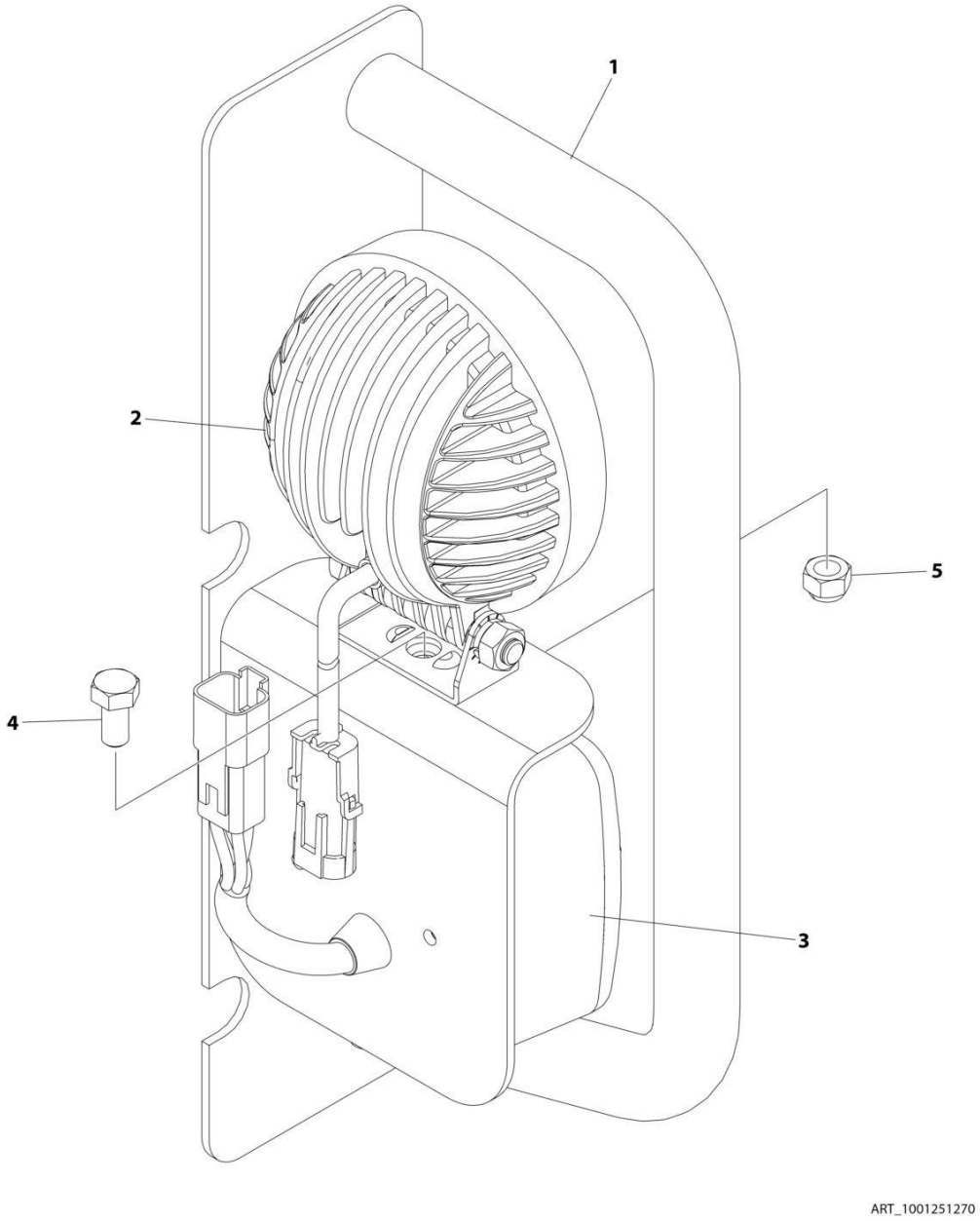


FIGURE 10-36. LIGHTS - ROAD LIGHT ASSEMBLY (LH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251270	Ref	LH ROADLIGHT ASSEMBLY	A
1	7150681	1	Assembly, LH Roadlight Bracket	
2	1001176337	1	Lamp, LED Worklight	
3	7150690	1	Light, Tail/Indicator	
4	8303745	1	Bolt 5/16 x 5/8	
5	8305626	1	Nut 5/16	

FIGURE 10-37. LIGHTS - ROAD LIGHT ASSEMBLY (RH)

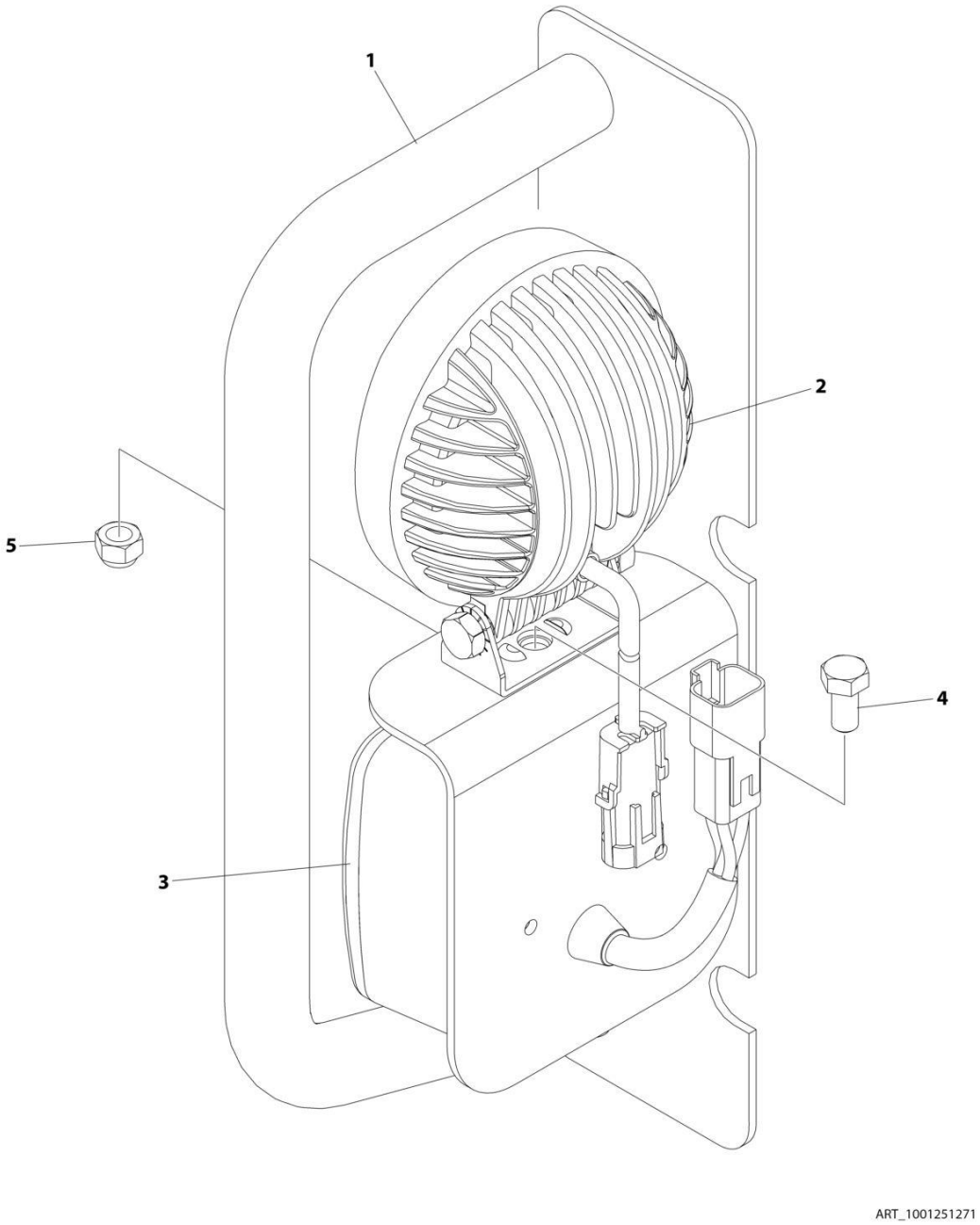


FIGURE 10-37. LIGHTS - ROAD LIGHT ASSEMBLY (RH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251271	Ref	RH ROADLIGHT ASSEMBLY	A
1	7150680	1	Assembly, RH Roadlight Bracket	
2	1001176337	1	Lamp, LED Worklight	
3	7150690	1	Light, Tail/Indicator	
4	8303745	1	Bolt 5/16 x 5/8	
5	8305626	1	Nut 5/16	

FIGURE 10-38. LIGHTS - ROAD LIGHT BRACKET ASSEMBLY (LH)

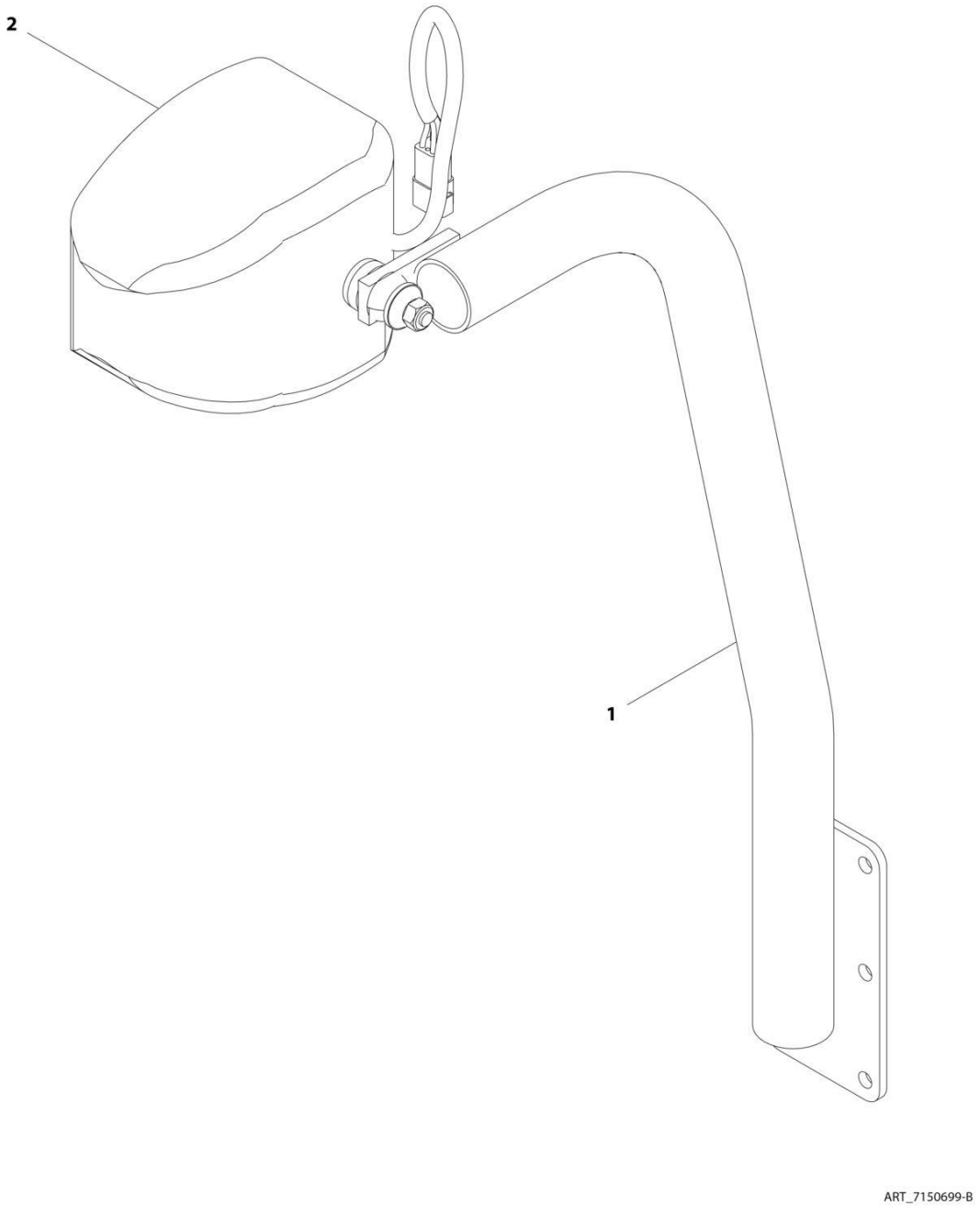


FIGURE 10-38. LIGHTS - ROAD LIGHT BRACKET ASSEMBLY (LH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7150699	Ref	LH Roadlight Bracket Assembly	B
1	7150685	1	Bracket, LH Roadlight	
2	7150702	1	Roadlight, LH Front	
2	8036216	6	Screw, Headlight Lens	
2	8036212	1	Lens, Headlight	
2	8036213	1	Bulb, Headlight 12V, 60/55W	
2	8036214	1	Bulb, Blinker 12V, 5W	
2	8036215	1	Harness, Wiring (includes 6-way connector)	
2	8036209	1	Lens, Left Amber Headlight	

FIGURE 10-39. LIGHTS - ROAD LIGHT BRACKET ASSEMBLY (RH)

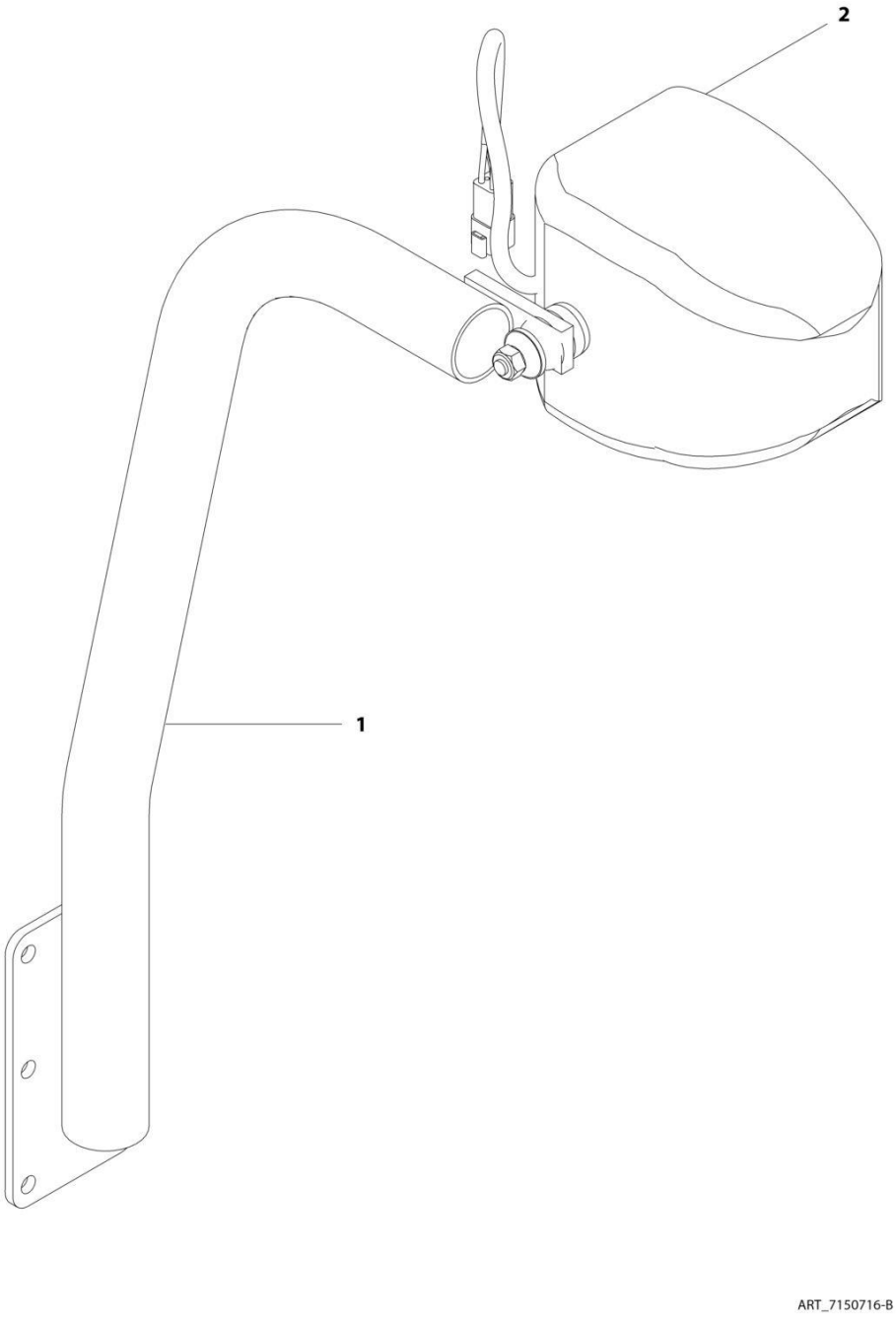


FIGURE 10-39. LIGHTS - ROAD LIGHT BRACKET ASSEMBLY (RH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7150716	Ref	RH Roadlight Bracket Assembly	B
1	7150717	1	Bracket, RH Roadlight	
2	7150703	1	Roadlight, LH Front	
2	8036210	1	Lens, Right Amber Headlight	
2	8036216	6	Screw, Headlight Lens	
2	8036212	1	Lens, Headlight	
2	8036213	1	Bulb, Headlight, 12V, 60/55W	
2	8036214	1	Bulb, Blinker 12V, 5W	
2	8036215	1	Harness, Wiring (includes 6-way connector)	

FIGURE 10-40. LIGHTS - ROADLIGHT PACKAGE INSTALLATION

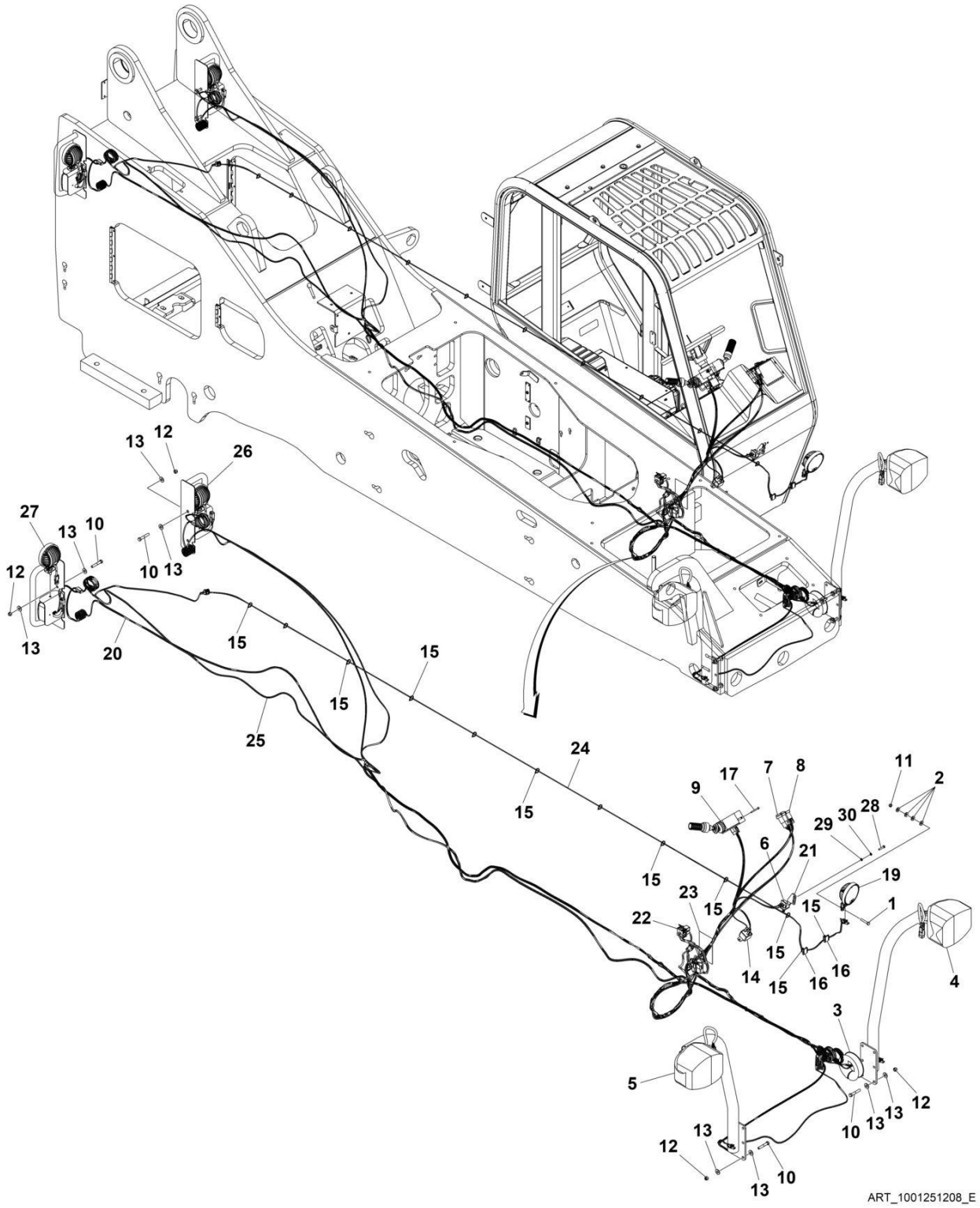


FIGURE 10-40. LIGHTS - ROADLIGHT PACKAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251208	Ref	ROADLIGHT PACKAGE INSTALLATION	E
1	0641520	1	Bolt 5/16 x 2-1/2	
2	1001305569	1	Spacer	
2	1001173257	1	Spacer Block	
3	7124471	2	Conduit 1 x 12.5	
4	7150699	1	Assembly, LH Roadlight Bracket (See Separate Breakdown in this Section)	
5	7150716	1	Assembly, RH Roadlight Bracket (See Separate Breakdown in this Section)	
6	8223025	1	Switch, Brake Lights	
7	8223059	1	Switch, Work Light	
8	8223060	1	Switch, Hazard	
9	8223073	1	Control, Turn Signal	
10	8303771	10	Bolt 3/8 x 2-1/4	
11	8305626	1	Nut 5/16	
12	8305645	10	Nut 3/8	
13	8307204	20	Washer 3/8	
14	8500203	1	Flasher, Hazard Warning 12V	
15	8584001	12	Wrap, Tie	
16	8584018	2	Mount, Cable Tie	
17	88211516	2	Screw M10	
19	1001273636	1	Lamp, LED Worklight	
20	1001296148	1	Harness, Road Light Option	
21	1001201752	1	Bracket, Brake Switch	
22	1001205248	1	Harness, Roadlight Worklight (See Separate Breakdown in this Section)	
23	1001205264	1	Decal, Light Fuse Panel	
24	1001238111	1	Harness, Boom Worklight (See Separate Breakdown in this Section)	
25	1001238199	1	Harness, Work Light Option (See Separate Breakdown in this Section)	
26	1001251270	1	Assembly, LH Roadlight (See Separate Breakdown in this Section)	
27	1001251271	1	Assembly, RH Roadlight (See Separate Breakdown in this Section)	
28	0700614	2	Bolt M6 x 30	
29	4811700	2	Washer M6	
30	4831700	2	Washer M6	
31	7150685	1	Road Light Brake Assembly (LH)	
32	7150717	1	Road Light Bracket Assembly	
33	1001244593	1	Lamp (RH)	
34	1001244594	1	Lamp (LH)	

FIGURE 10-41. LIGHTS - ROAD LIGHT WORK LIGHT HARNESS

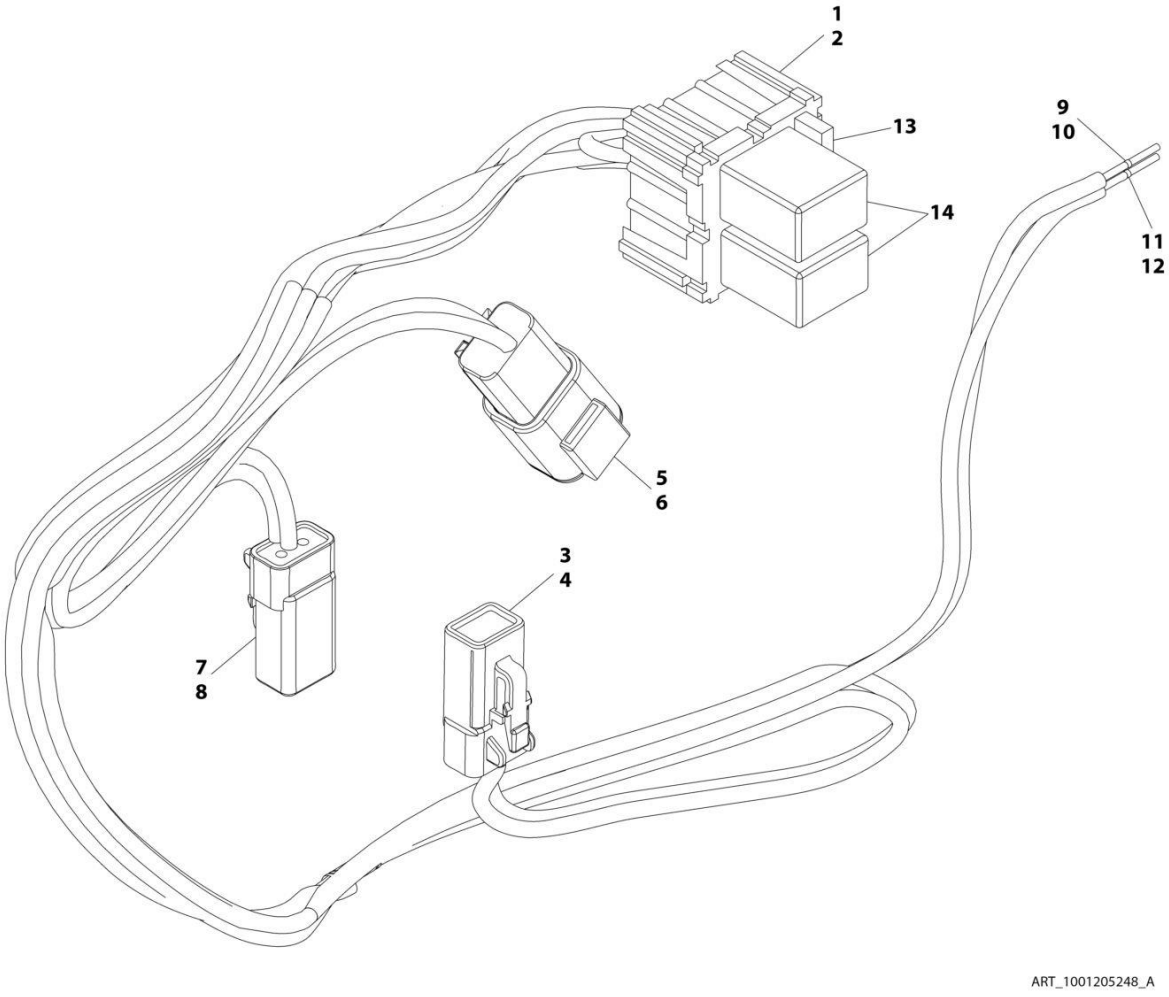
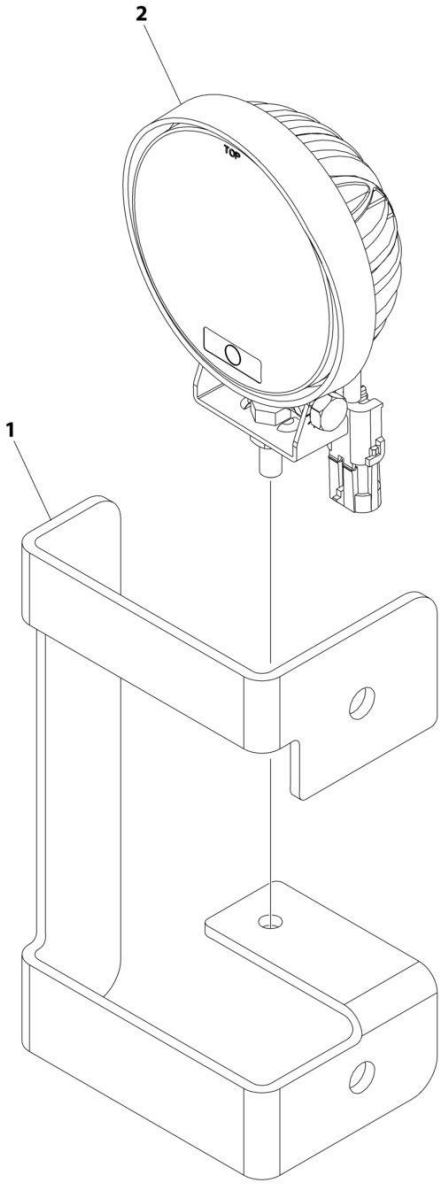


FIGURE 10-41. LIGHTS - ROAD LIGHT WORK LIGHT HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205248	Ref	Roadlight Worklight Harness	A
1	1001177198	1	Connector	
2	1001116712	12	Terminal	
3	4461018	1	Connector	
4	4460509	2	Terminal	
5	4461017	1	Connector	
6	4460508	2	Terminal	
7	4461018	1	Connector	
8	4460509	2	Terminal	
9	4460790	1	Terminal, Socket	
10	8220089	1	Seal	
11	4460790	1	Terminal, Socket	
12	8220089	1	Seal	
13	8229245	2	Fuse 30Amp	
14	1001205172	2	Relay	

FIGURE 10-42. LIGHTS - WORK LIGHT ASSEMBLY - LED (LH)

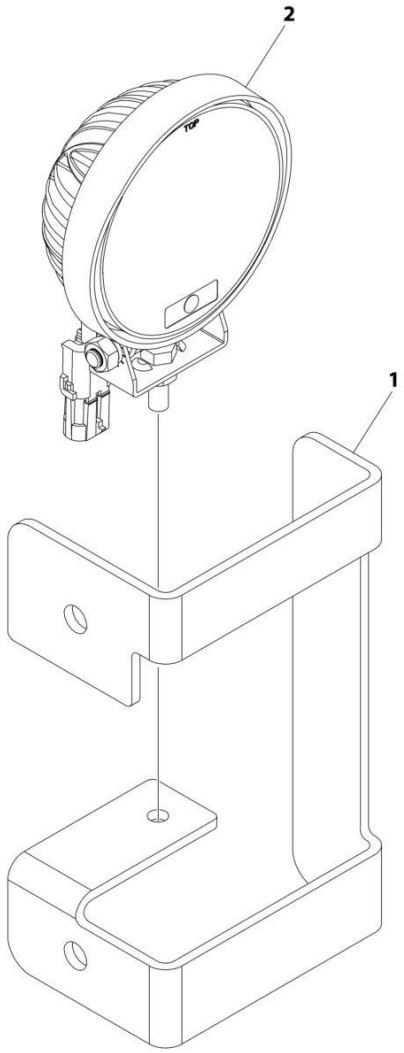


ART_1001237854

FIGURE 10-42. LIGHTS - WORK LIGHT ASSEMBLY - LED (LH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237854	Ref	LIGHTS - WORK LIGHT ASSEMBLY - LED (LH)	A
1	1001097080	1	Bracket, LH Worklight Mount	
2	1001176337	1	Lamp, LED Worklight	

FIGURE 10-43. LIGHTS - WORK LIGHT ASSEMBLY - LED (RH)

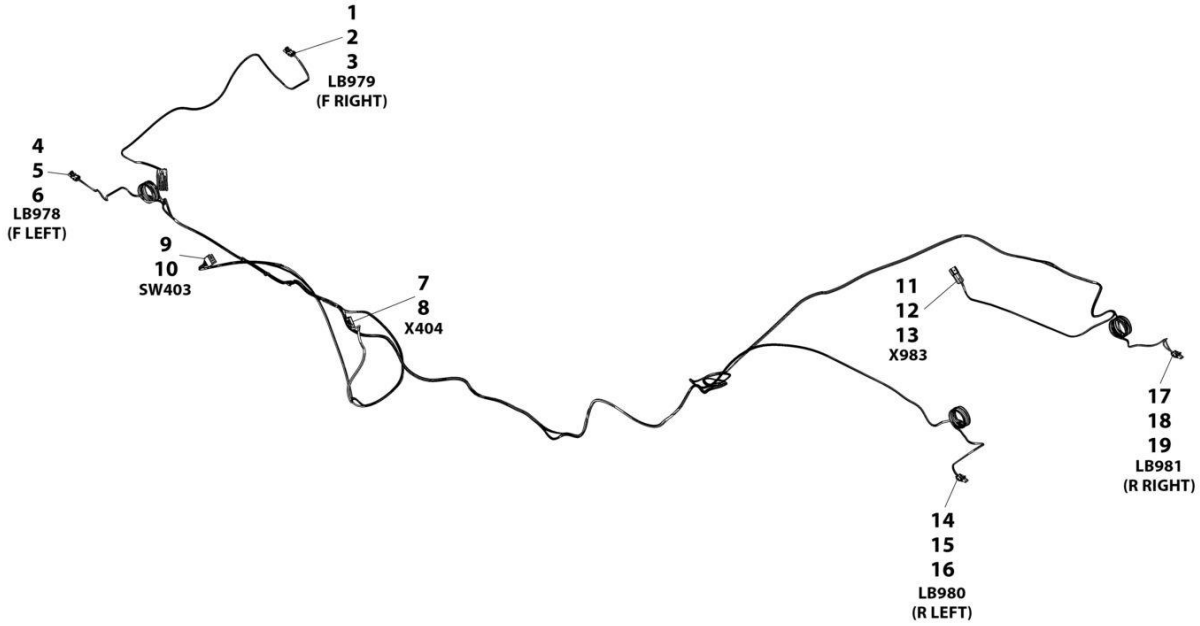


ART_1001237853

FIGURE 10-43. LIGHTS - WORK LIGHT ASSEMBLY - LED (RH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237853	Ref	LIGHTS - WORK LIGHT ASSEMBLY - LED (RH)	A
1	1001097079	1	Bracket, RH Worklight Mount	
2	1001176337	1	Lamp, LED Worklight	

FIGURE 10-44. LIGHTS - WORK LIGHT OPTIONS HARNESS



ART_1001238199-A

FIGURE 10-44. LIGHTS - WORK LIGHT OPTIONS HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238199	Ref	Work Lighting Option Harness	A
1	4460742	1	Connector	
2	4460457	2	Terminal	
3	4460789	2	Seal	
4	4460742	1	Connector	
5	4460457	2	Terminal	
6	4460789	2	Seal	
7	4461018	1	Connector	
8	4460509	2	Terminal	
9	8220904	1	Connector	
10	4460419	6	Terminal	
11	1001117026	1	Connector	
12	1001116729	2	Terminal	
13	8220081	2	Seal	
14	4460742	1	Connector	
15	4460457	2	Terminal	
16	4460789	2	Seal	
17	4460742	1	Connector	
18	4460457	2	Terminal	
19	4460457	2	Seal	

FIGURE 10-45. RELAY PANEL COVER INSTALLATION

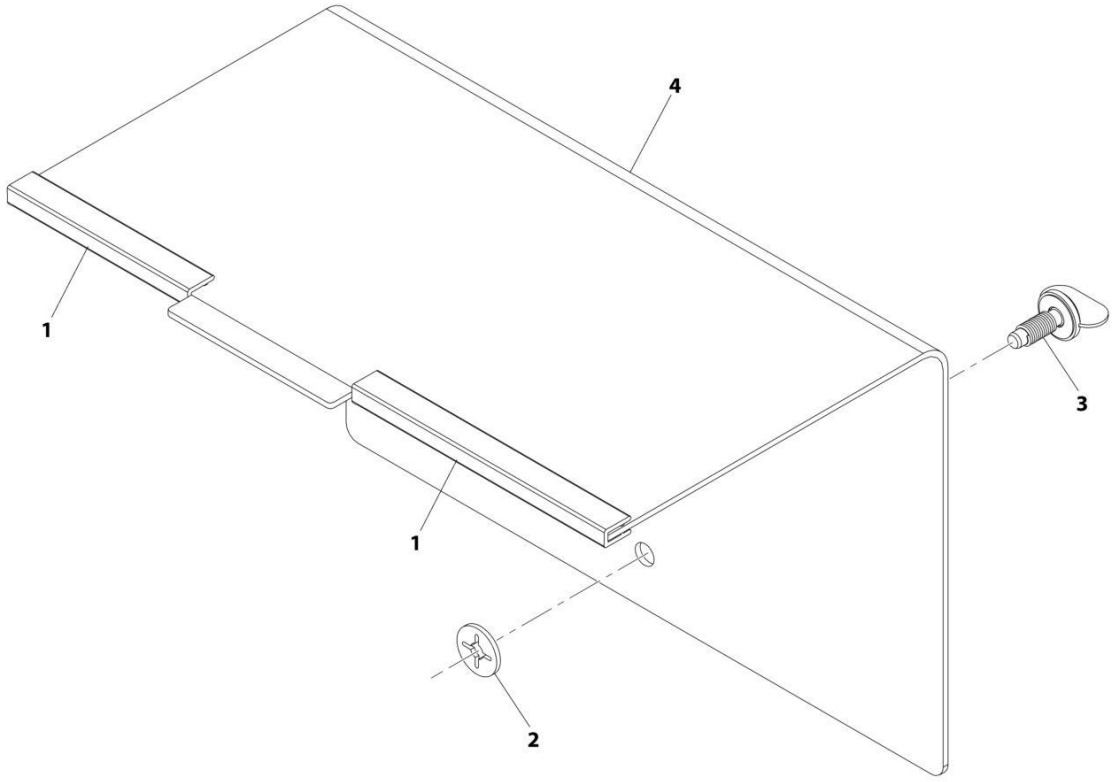


FIGURE 10-45. RELAY PANEL COVER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170234	Ref	Relay Panel Cover Assembly	B
1	90206196	220 mm	Trim, Vinyl Edge	
2	1001135770	1	Washer, Push-On Retainer	
3	1001135777	1	Screw, Fastener Assembly Wing Head	
4	1001170235	1	Cover, Relay Panel	

FIGURE 10-46. RELAY PANEL INSTALLATION

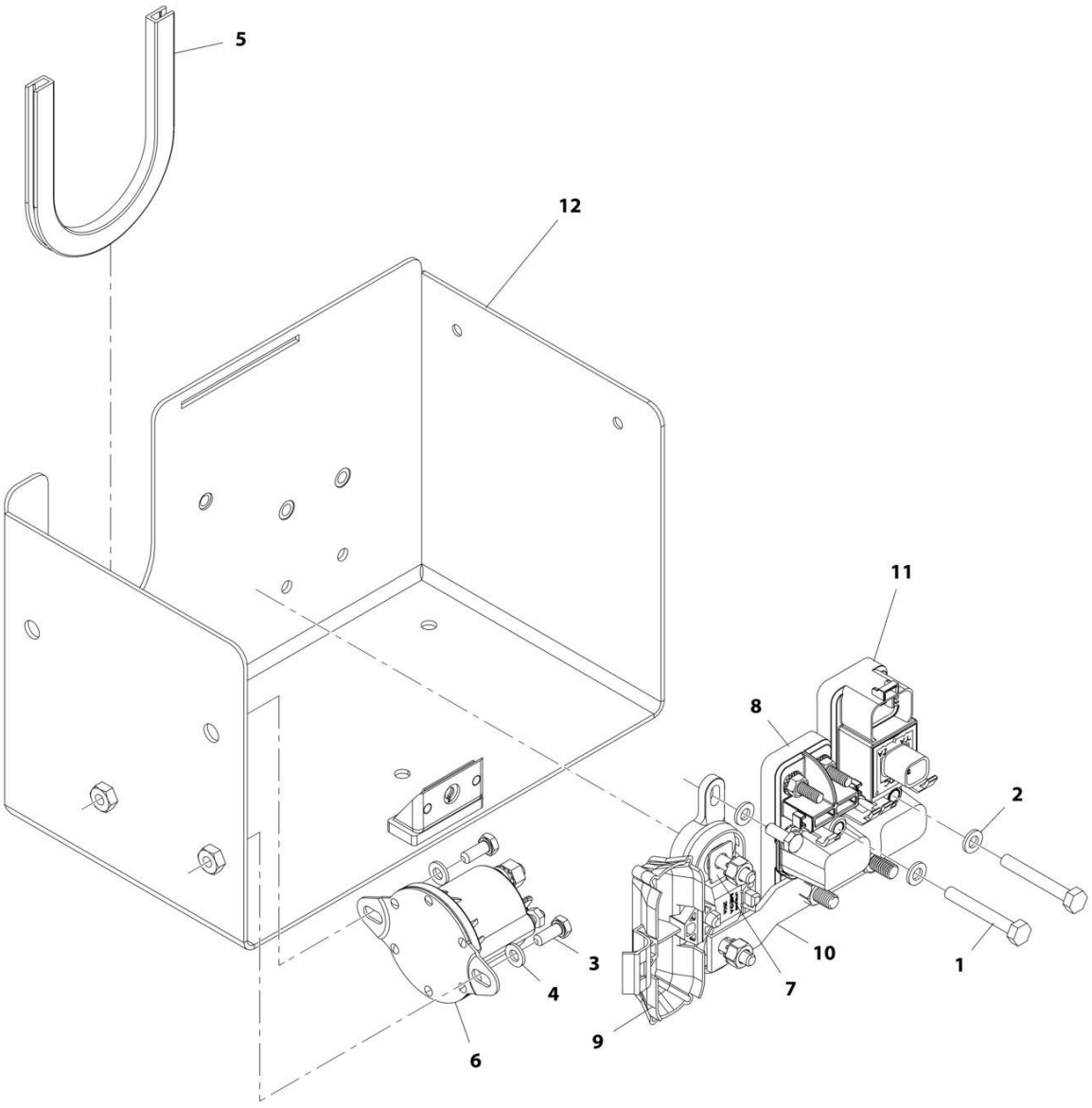


FIGURE 10-46. RELAY PANEL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170233	Ref	Relay Panel Installation	F
1	0641415	2	Bolt 1/4X1-7/8	
2	4761400	2	Washer 1/4	
3	8303545	4	Bolt M6X14	
4	8307219	4	Washer M6	
5	90206196	257 mm	Trim, Vinyl Edge	
6	1001186417	1	Relay, 150 Amp	
7	1001118245	1	Fuse, 250 Amp	
8	1001127699	1	Fuse, Power Module	
9	1001127700	1	Holder, AMG Fuse	
10	1001129615	1	Bar, Buss Connector	
11	1001184316	1	Relay, Power Module	
12	1001170230	1	Bracket, Relay Mount	

FIGURE 10-47. REVERSE CAMERA

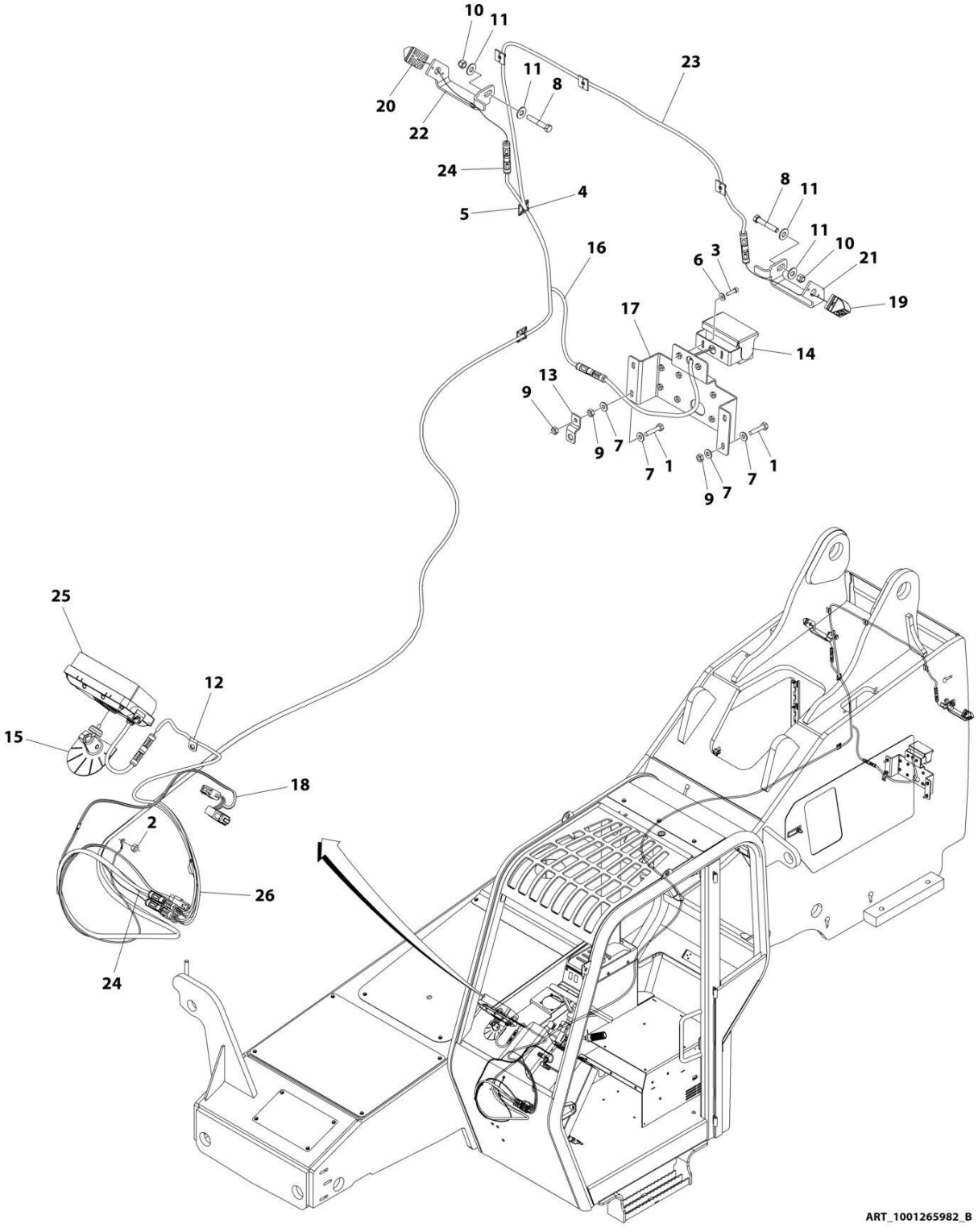


FIGURE 10-47. REVERSE CAMERA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001265982	Ref	SKYTRAK BACKUP CAMERA INSTALLATION	B
1	0641410	4	Bolt 1/4 x 1	
2	3311401	1	Nut 1/4	
3	3931012	2	Capscrew, #10 x 3/4	
4	4240032	1	Tie-Strap	
5	4460234	1	Mount, Tie-Strap	
6	4711000	2	Washer M10	
7	4711400	8	Washer 1/4	
8	8303771	1	Bolt 3/8 x 2-1/4	
9	8305004	5	Nut 1/4	
10	8305645	2	Nut 3/8	
11	8307204	4	Washer 3/8	
12	8406010	1	Clip	
13	1001204692	1	Bracket	
14	1001233174	1	Camera, Rear View	
15	1001233217	1	Bracket, Monitor Mount	
16	1001233434	1	Harness, Extension Cable Camera	
17	1001233828	1	Bracket, Camera Mount	
18	1001233976	1	Harness, Rear Camera Option (See Separate Breakdown in this Section)	
19	1001264534	1	Camera (LH)	
19	70031717	1	Cable, Camera	
20	1001264536	1	Camera (RH)	
20	70031717	1	Cable, Camera	
21	1001265679	1	Bracket, Camera (LH)	
22	1001265680	1	Bracket, Camera (RH)	
23	1001265979	1	Harness, Extension (LH)	
24	1001265980	1	Harness, Extension (RH)	
25	1001289479	1	Monitor, Display	
26	1001265987	1	Harness, Monitor/Display	

FIGURE 10-48. MULTI VIEW CAMERA INSTALLATION

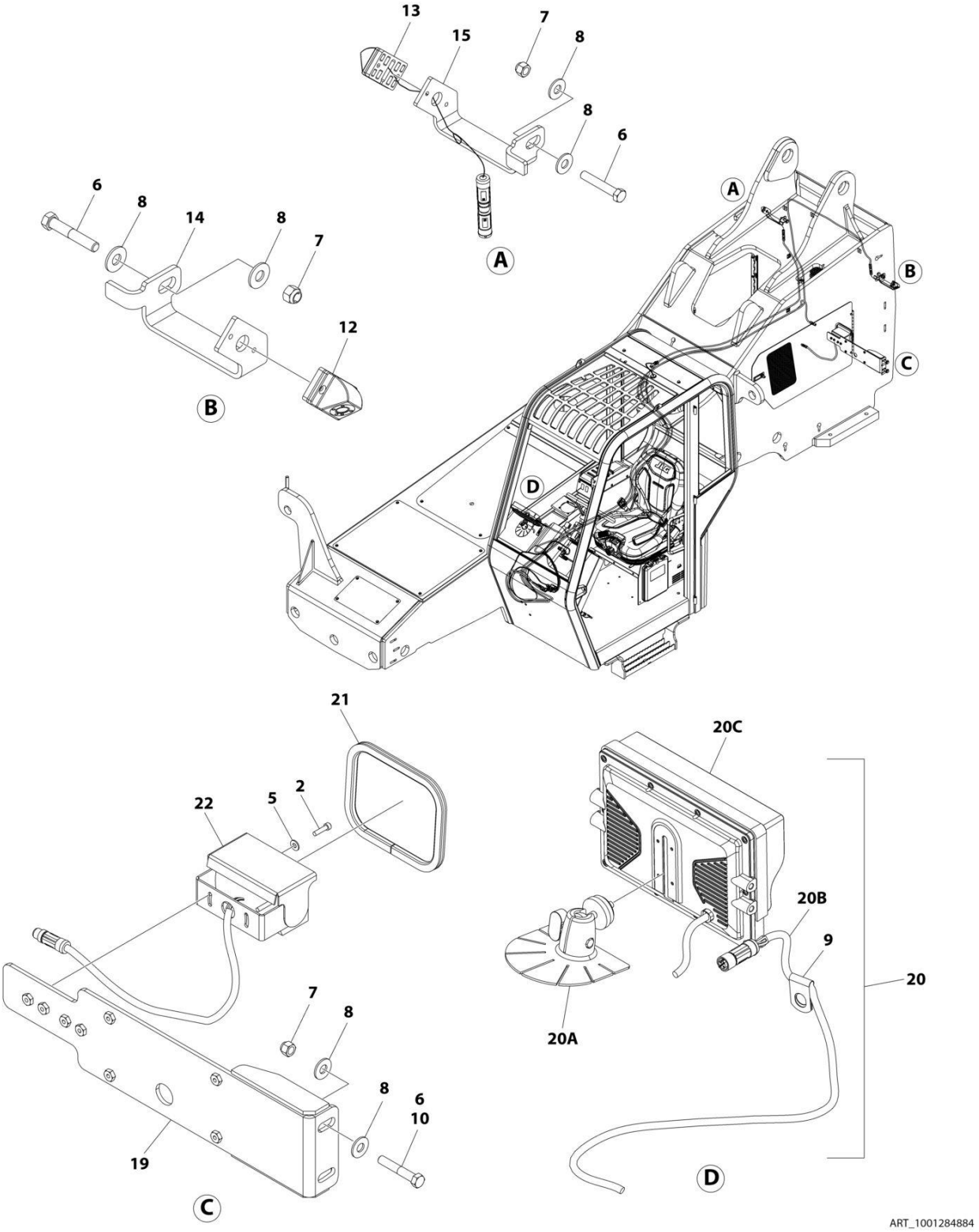


FIGURE 10-48. MULTI VIEW CAMERA INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284884	Ref	MULTI VIEW CAMERA INSTALLATION	B
1	3311401	1	Nut 1/4 (Not Shown)	
2	3931012	2	Capscrew 3/16 x 2-1/4	
3	4240032	AR	Tie-Strap (Not Shown)	
4	4460234	AR	Mount, Tie-Strap (Not Shown)	
5	4711000	2	Washer #10	
6	8303771	4	Screw 3/8 x 2-1/4	
7	8305645	4	Nut	
8	8307204	8	Washer 3/8	
9	8406010	1	Clip	
10	1001095650	AR	Adhesive	
12	1001264534	1	Camera, Side View (LH)	
12	70031717	1	Cable, Camera	
13	1001264536	1	Camera, Side View (RH)	
13	70031717	1	Cable, Camera	
14	1001265679	1	Bracket (LH)	
15	1001265680	1	Bracket (RH)	
16	1001265979	1	Extension Cable Harness (LH) (Not Shown)	
17	1001265980	1	Extension Cable Harness (RH) (Not Shown)	
19	1001284865	1	Bracket, Rear	
20	1001289479	1	Quad View Monitor	
20A	1001233217	1	Bracket, Mount	
20B	1001294608	1	Quad View Monitor Harness	
20C	1001302410	1	Monitor, Display	
21	90206196	19 in /48 cm	Gasket	
22	1001233174	1	Camera, Rear View	
23	1001233434	1	Extension Cable Camera Harness (Not Shown)	
24	1001233976	1	Rear Camera Harness (SKYTRAK) (Not Shown)	

FIGURE 10-49. REVERSE SENSOR SYSTEM INSTALLATION

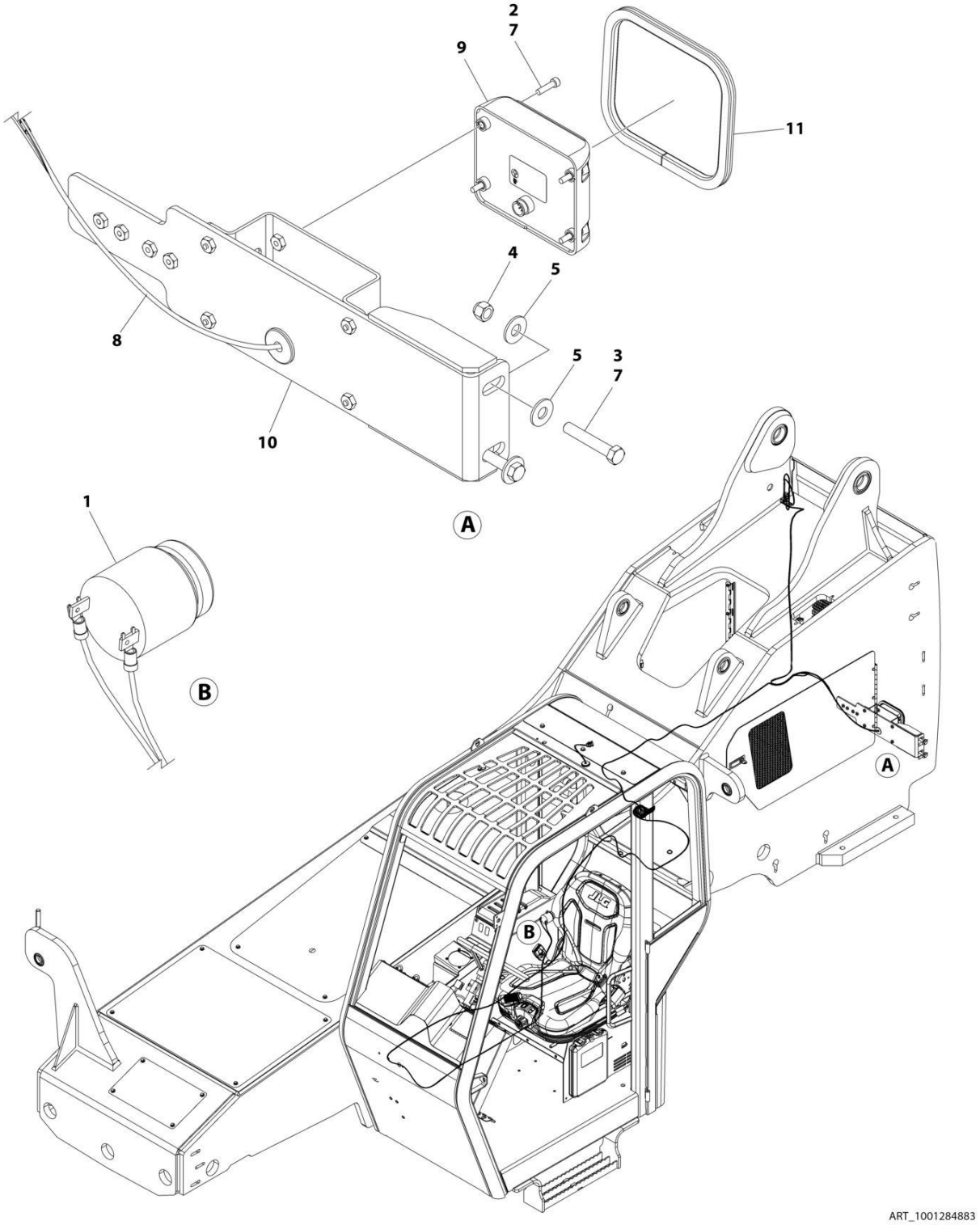


FIGURE 10-49. REVERSE SENSOR SYSTEM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284883	Ref	REVERSE SENSOR SYSTEM INSTALLATION	B
1	0140011	1	Audible, Signal Device	
2	3931012	4	Capscrew #10 x 3/4	
3	8303771	2	Bolt 3/8 x 2-1/4	
4	8305645	2	Nut	
5	8307204	4	Washer 3/8	
6	8584001	AR	Tie-Strap (Not Shown)	
7	1001095650	AR	Adhesive	
8	1001189886	1	Reverse Sensing Harness	
9	1001247421	1	Sensor, Reverse	
10	1001284866	1	Bracket	
11	90206196	20 in /50 cm	Gasket	

FIGURE 10-50. REVERSE SENSING HARNESS

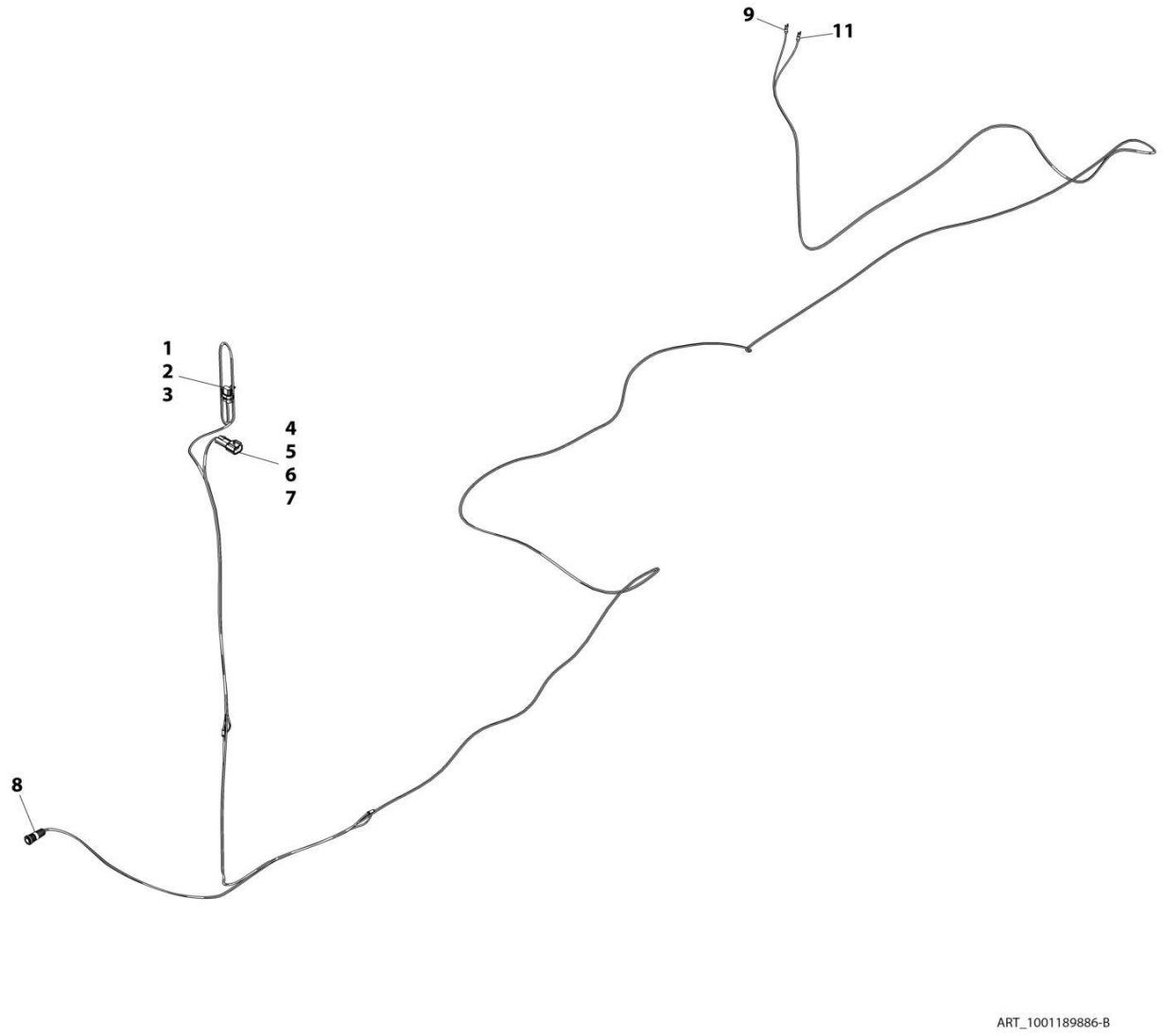


FIGURE 10-50. REVERSE SENSING HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001189886	Ref	Reverse Sensor Harness	B
1	1001117021	1	Connector	
2	1001116728	2	Terminal	
3	4460458	2	Seal	
4	1001117026	1	Connector	
5	8220890	1	Lock, Secondary	
6	1001116745	2	Terminal	
7	4460458	2	Seal	
8	1001175733	1	Connector	
9	4460183	1	Fork Terminal	
11	4460183	1	Fork Terminal	

FIGURE 10-51. REVERSE SENSING SYSTEM INSTALLATION

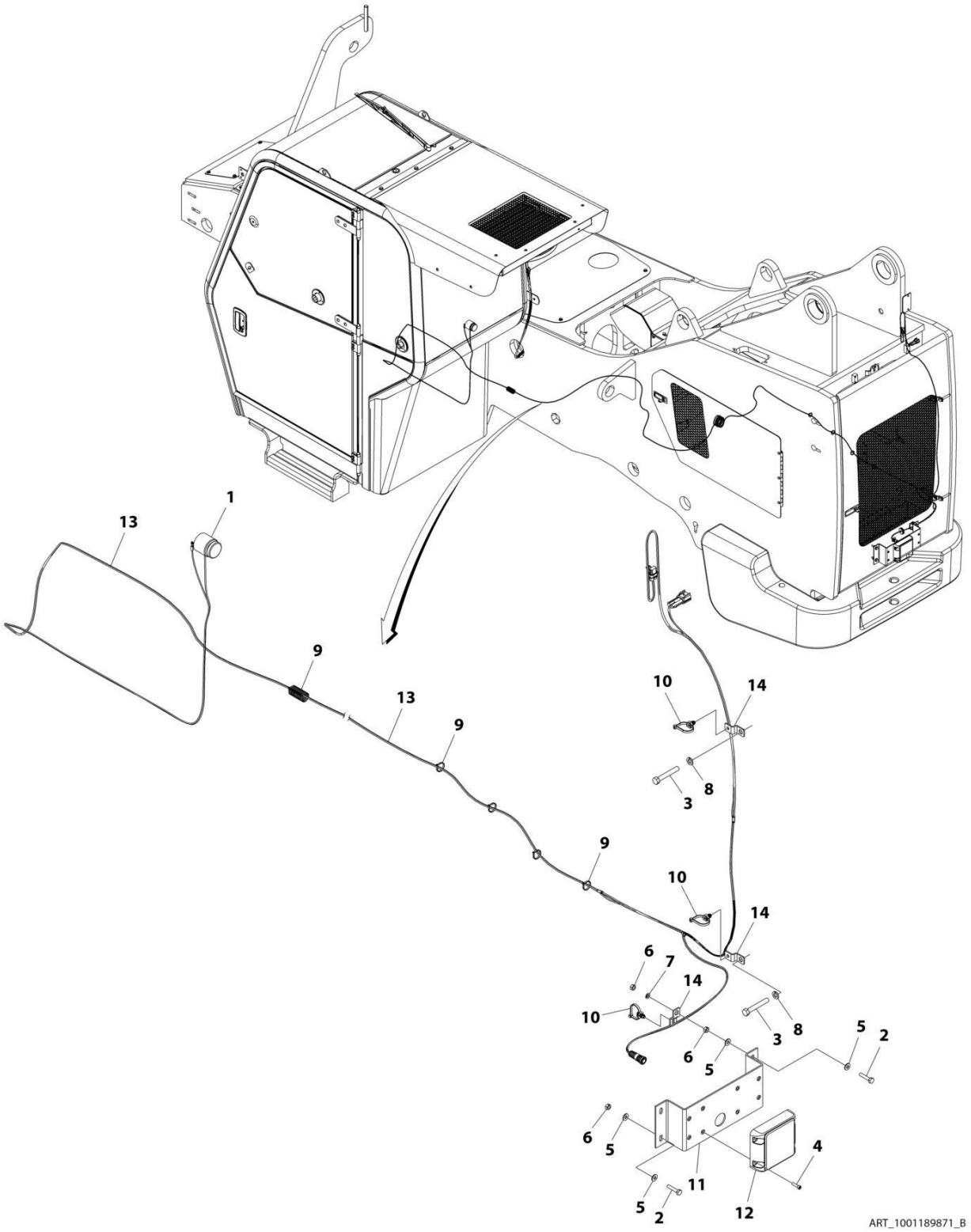


FIGURE 10-51. REVERSE SENSING SYSTEM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001189871	Ref	REVERSE SENSOR INSTALLATION	B
1	0140011	1	Audible, Signal Device	
2	0641410	4	Bolt 1/4 x 1	
3	0641620	2	Bolt 3/8 x 2	
4	3931012	4	Capscrew #10 x 3/4	
5	4711400	8	Washer 1/4	
6	8305004	5	Nut 1/4	
7	8307002	1	Washer 1/4	
8	8307005	2	Washer 3/8	
9	8584001	AR	Wrap, Tie 3/16	
10	1001004720	3	Strap, Cable	
11	1001154375	1	Bracket	
12	1001247421	1	Control, Reverse Sensor	
13	1001189886	1	Harness, Reverse Sensor (See Separate Breakdown in this Section)	
14	1001204692	3	Bracket	

FIGURE 10-52. ROAD LIGHT OPTION HARNESS

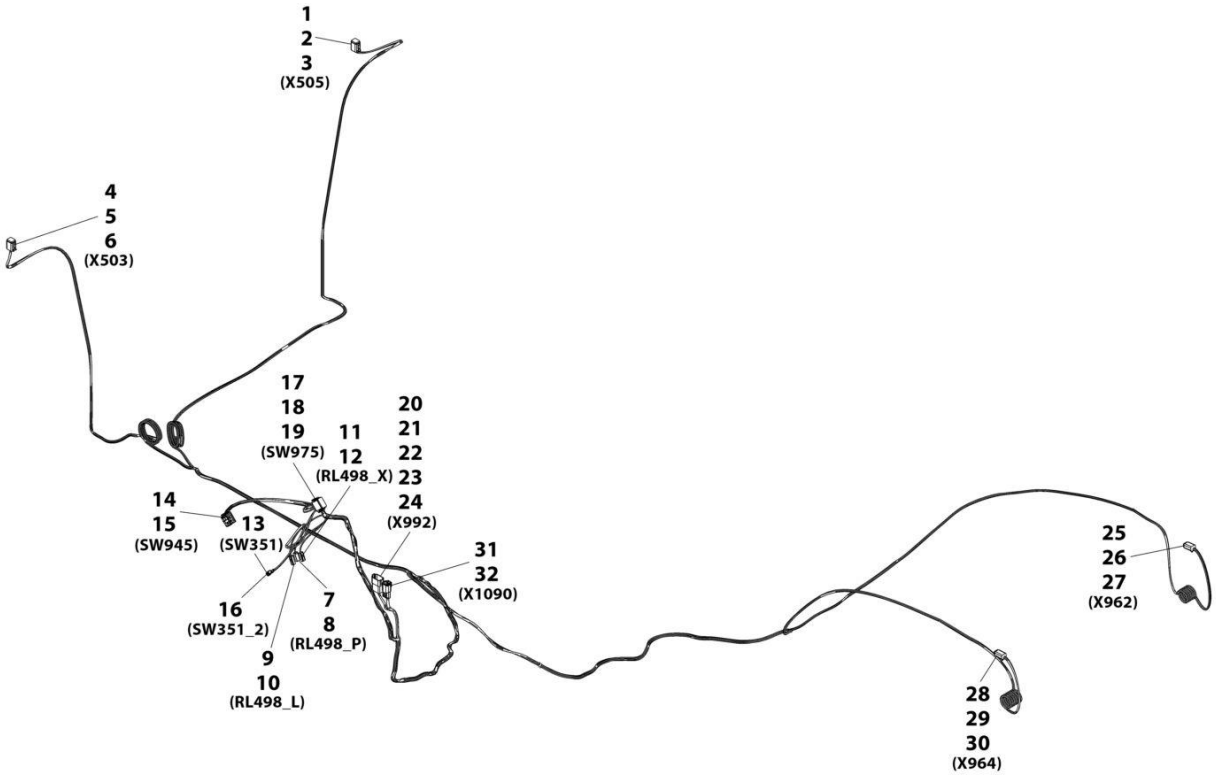


FIGURE 10-52. ROAD LIGHT OPTION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178346	Ref	ROAD LIGHT OPTION HARNESS	H
1	4460894	1	Connector	
2	4460465	5	Terminal	
3	4460466	1	Plug	
4	4460894	1	Connector	
5	4460465	5	Terminal	
6	4460466	1	Plug	
7	7116572	1	Connector	
8	1001116736	1	Terminal	
9	7116572	1	Connector	
10	1001116736	1	Terminal	
11	7116572	1	Connector	
12	1001116736	1	Terminal	
13	8220051	1	Terminal, Ring	
14	1001117079	1	Connector	
15	4460419	9	Terminal	
16	8220051	1	Terminal, Ring	
17	4460933	1	Connector	
18	4460465	8	Terminal	
19	4460466	4	Plug	
20	4460931	1	Connector	
21	4460466	3	Plug	
22	4460464	2	Terminal	
23	1001157891	2	Terminal	
24	4460941	1	Terminal	
25	4460884	1	Connector	
26	4460465	3	Terminal	
27	4460942	1	Terminal	
28	4460884	1	Connector	
29	4460465	3	Terminal	
30	4460942	1	Terminal	
31	4461017	1	Connector	
32	4460508	2	Terminal	

FIGURE 10-53. TANK BLANKET INSTALLATION

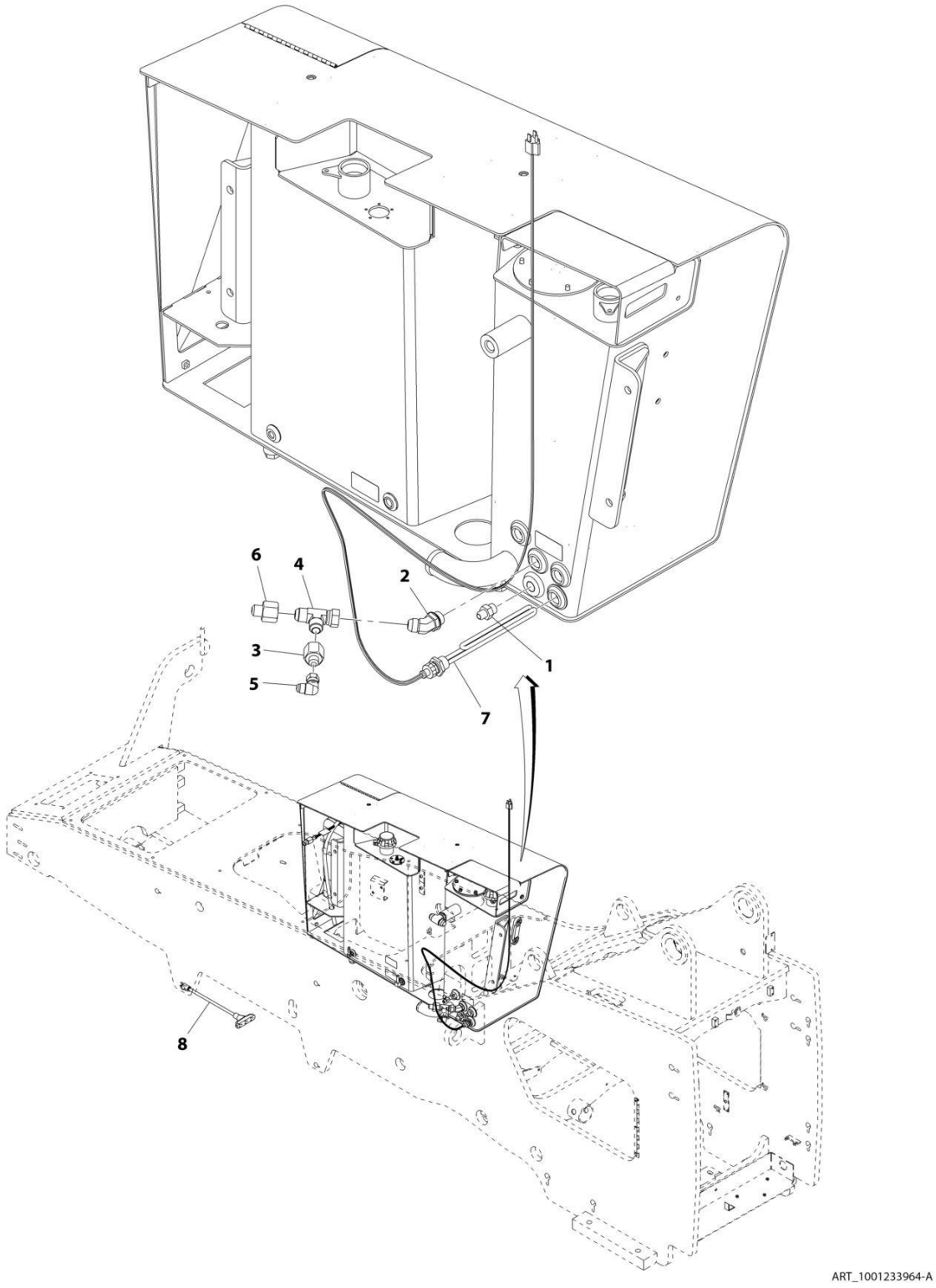


FIGURE 10-53. TANK BLANKET INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233964	Ref	Hydraulic Tank Heater Installation	A
1	2220374	1	Connector	
2	2220498	1	Adapter, 45	
3	2220622	1	Reducer	
4	2220700	1	Tee Fitting	
5	8765204	1	Elbow	
6	1001094696	1	Adapter	
7	1001105886	1	Immersion Heater	
8	1060626	1	3 Way Plug	

FIGURE 10-54. TBAP HARNESS

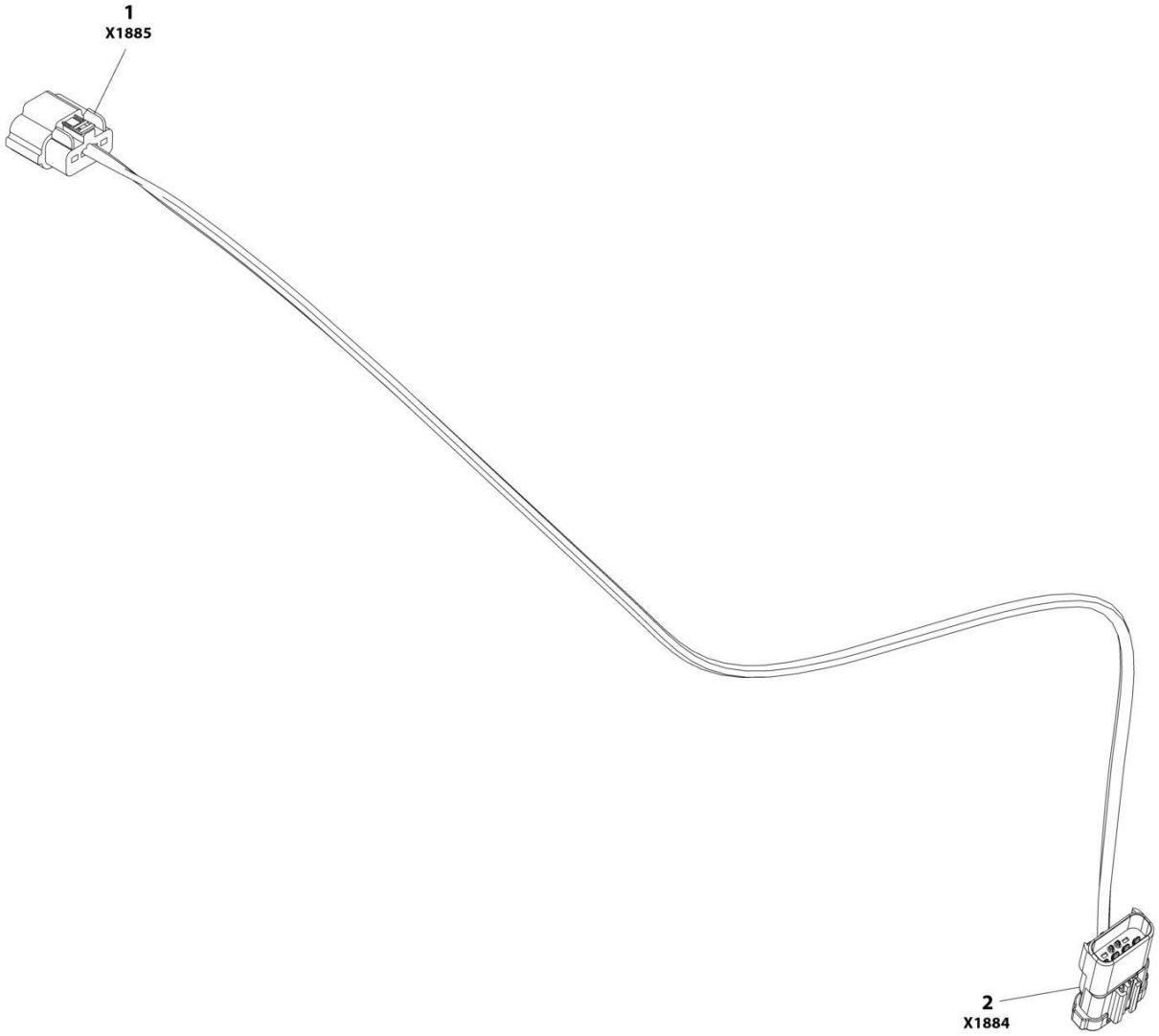


FIGURE 10-54. TBAP HARNESS

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 10-55. TELEMATICS GATEWAY PLUS

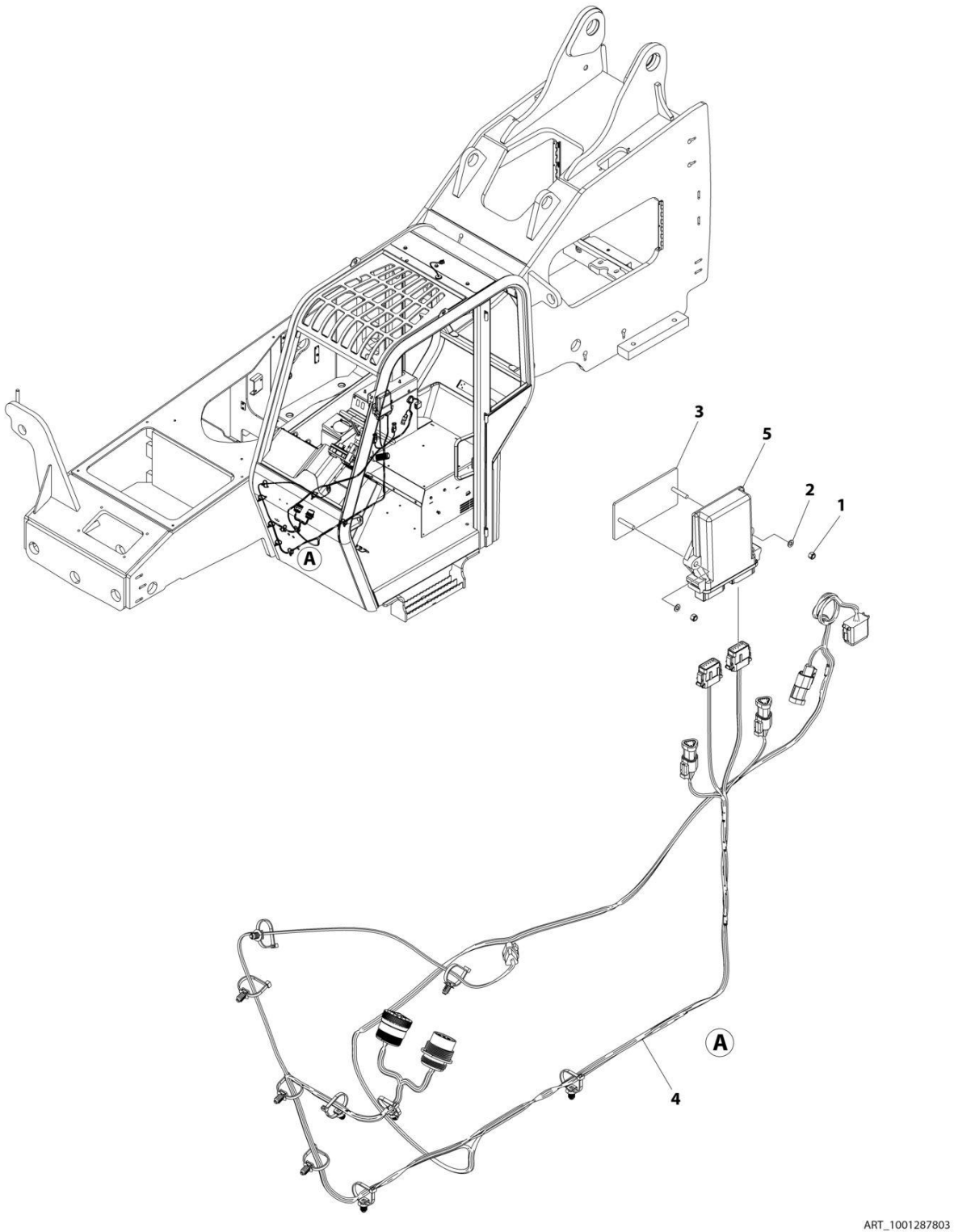


FIGURE 10-55. TELEMATICS GATEWAY PLUS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001287803	Ref	TELEMATICS GATEWAY PLUS	A
1	3290505	2	Nut M5	
2	4811600	2	Washer M5	
3	1001219082	1	Bracket, Control Mount	
4	1001219895	1	Telematics Gateway Harness (See Separate Breakdown in this Section)	
5	1001282260	1	Control, Gateway Plus	

FIGURE 10-56. TELEMATICS GATEWAY HARNESS

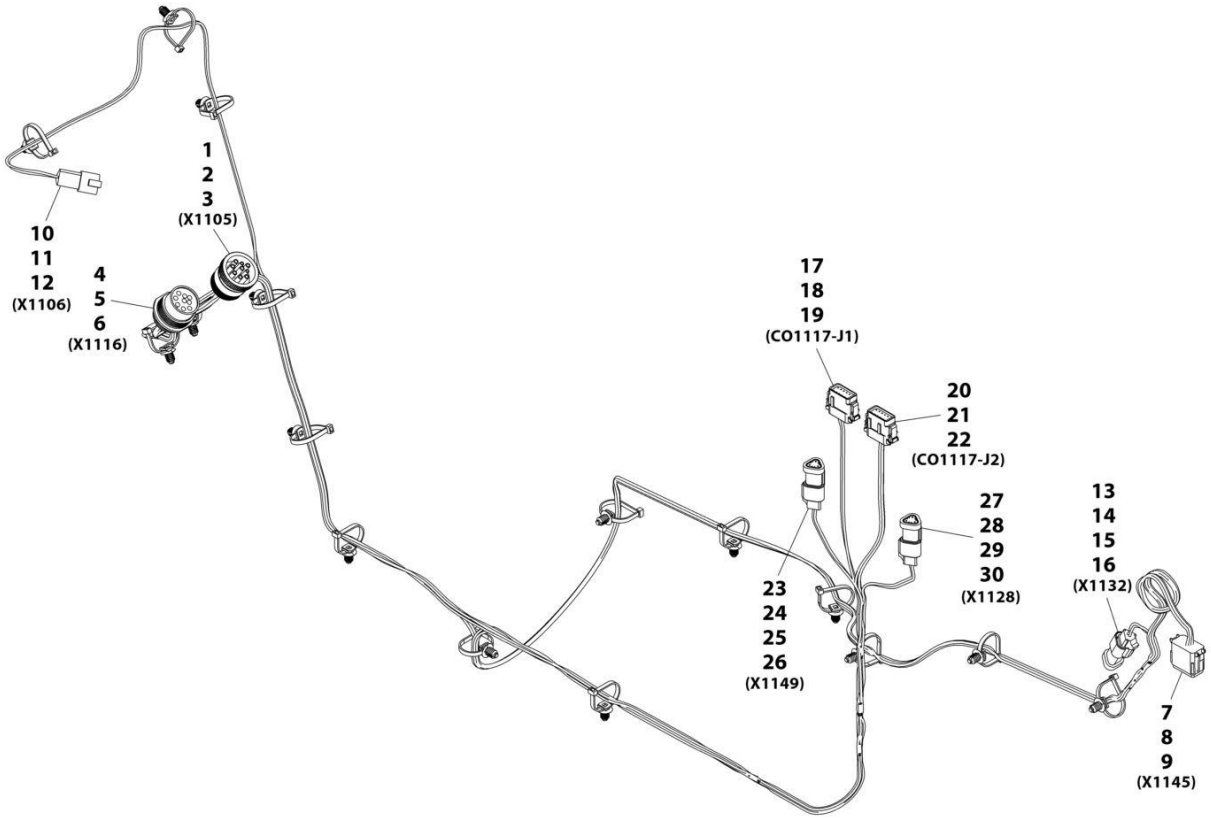


FIGURE 10-56. TELEMATICS GATEWAY HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219895	Ref	Telematics Gateway Harness	A
1	1001112796	1	Connector	
2	1001116692	6	Terminal	
3	4460466	3	Plug	
4	1001112612	1	Connector	
5	1001116693	6	Terminal	
6	4460466	3	Plug	
7	4460933	1	Connector	
8	1001116692	5	Terminal	
9	4460466	7	Plug	
10	1001144147	1	Connector	
11	4460464	2	Terminal	
12	4460466	1	Plug	
13	1001116812	1	Connector	
14	4461070	1	Terminal	
15	4460944	2	Terminal	
16	4460466	1	Plug	
17	1001116774	1	Connector	
18	4460518	8	Plug	
19	1001116694	4	Terminal	
20	1001116808	1	Connector	
21	4460518	10	Plug	
22	1001116694	2	Terminal	
23	1001116812	1	Connector	
24	4461070	1	Terminal	
25	4460944	2	Terminal	
26	4460466	1	Plug	
27	1001116812	1	Connector	
28	4461070	1	Terminal	
29	4460944	2	Terminal	
30	4460466	1	Plug	

FIGURE 10-57. WIPER HARNESS

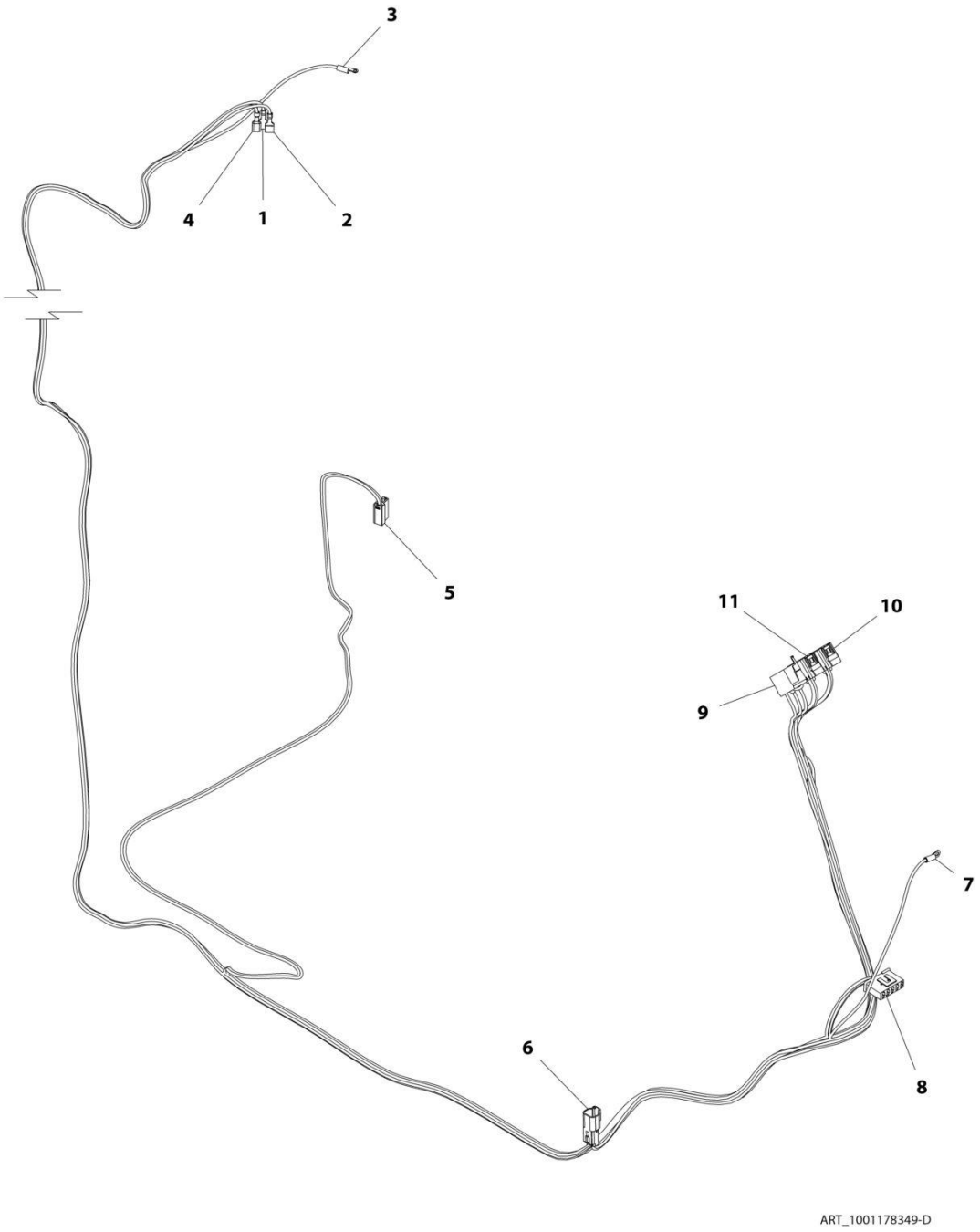


FIGURE 10-57. WIPER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178349	Ref	Wiper Harness	D
1	8220051	1	Terminal	
2	8220051	1	Terminal	
3	8220035	1	Terminal, Ring	
4	8220051	1	Terminal	
5	4460994	1	Housing, Terminal	
	1001169816	2	Terminal	
6	4460897	1	Connector	
	80604017	1	Lock, Wedge	
	4460464	2	Terminal	
7	8220007	1	Terminal, Ring	
8	1001127066	1	Connector	
	1001116720	3	Terminal	
9	8220904	1	Connector	
	4460419	5	Terminal	
10	1001117081	1	Connector	
	4460419	9	Terminal	
11	1001117081	1	Connector	
	4460419	9	Terminal	

FIGURE 10-58. SEAT BELT ALARM HARNESS

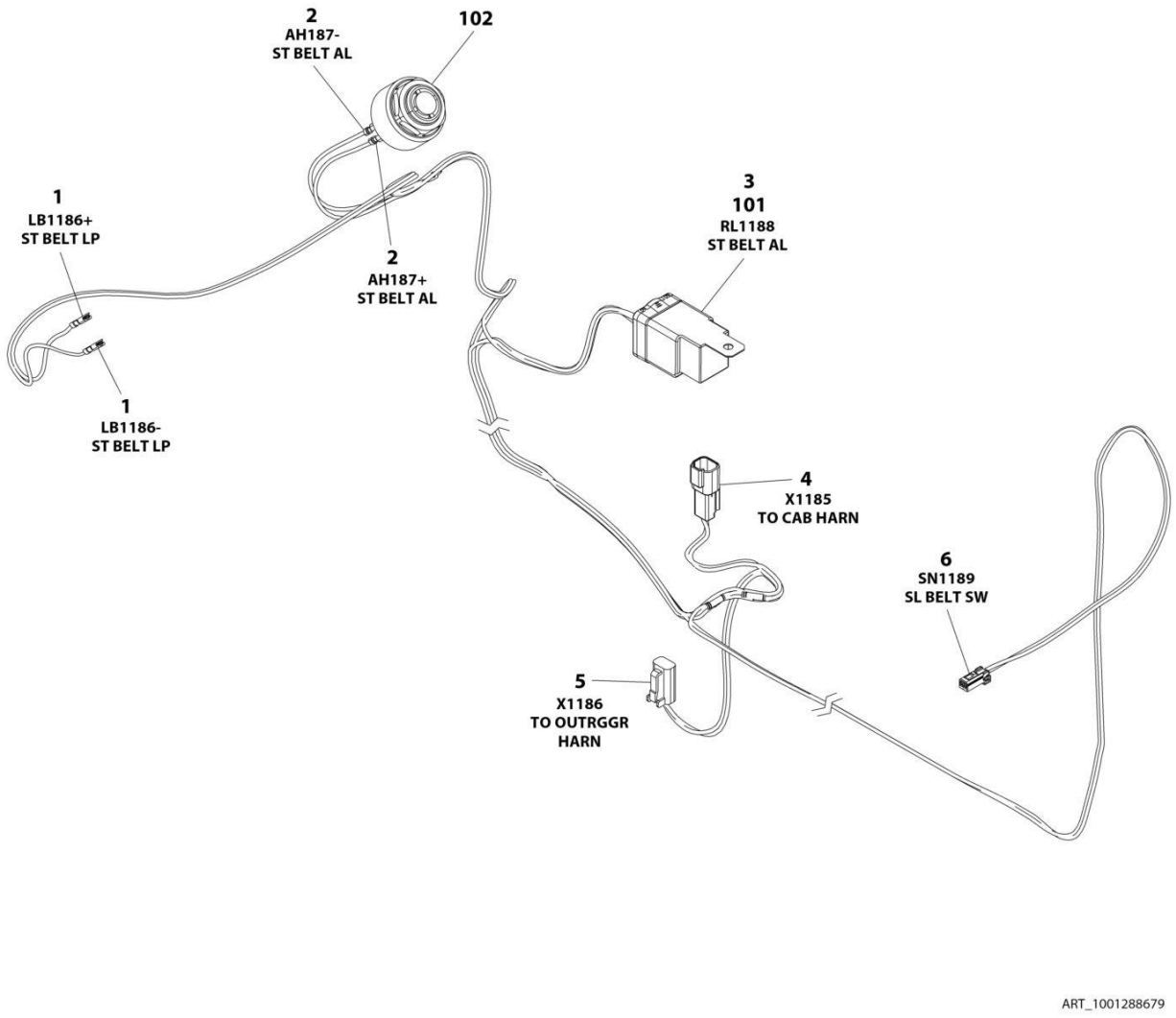


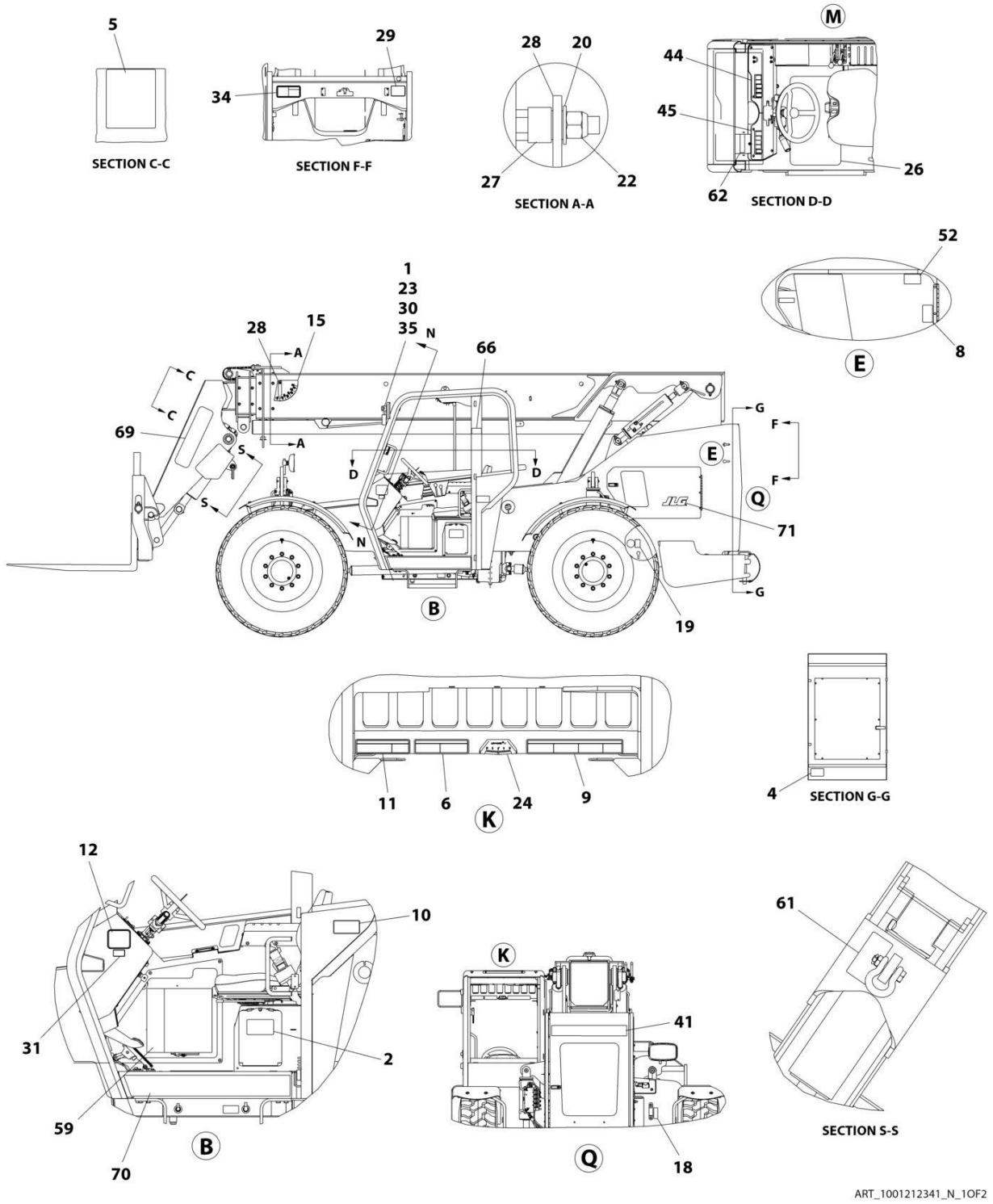
FIGURE 10-58. SEAT BELT ALARM HARNESS

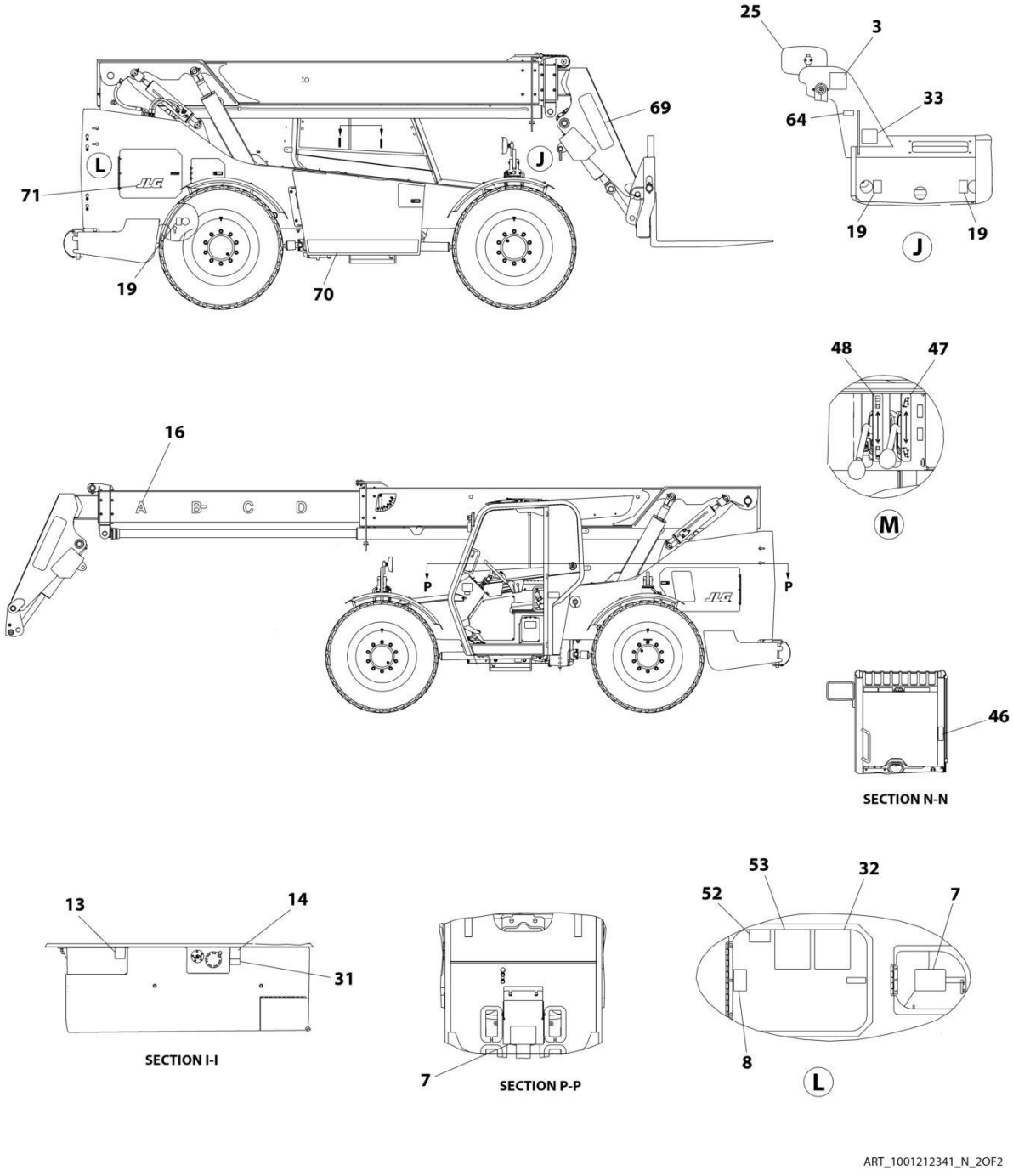
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001288679	Ref	SEAT BELT ALARM HARNESS	A
1	1001201885	2	Terminal, Faston	
2	1001194421	2	Terminal, Blade	
3	1001231398	1	Connector, Relay	
3	1001231400	4	Socket	
3	1001231404	4	Seal	
3	1001231406	1	Plug	
4	4460897	1	Connector	
4	4460464	2	Pin	
5	4460891	1	Connector	
5	4460465	2	Socket	
6	1001264844	1	Connector	
6	1001264861	2	Socket	
101	3740080	1	Relay	
102	1001091751	1	Buzzer Alarm	

SECTION 11 - DECALS

SECTION 11 - DECALS

FIGURE 11-1. DECALS INSTALLATION - 74HP (ANSI SPECS)





ART_1001212341_N_2OF2

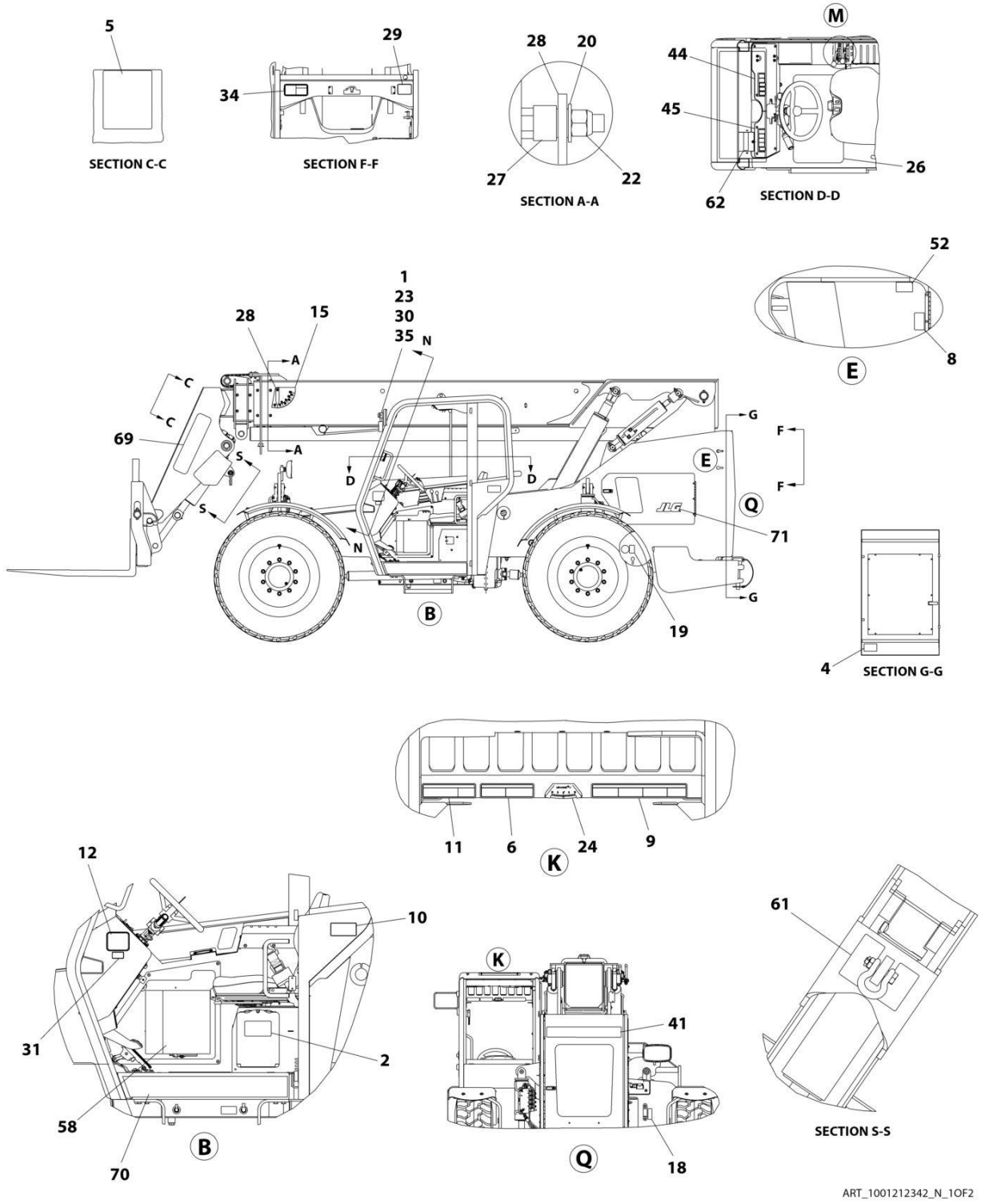
SECTION 11 - DECALS

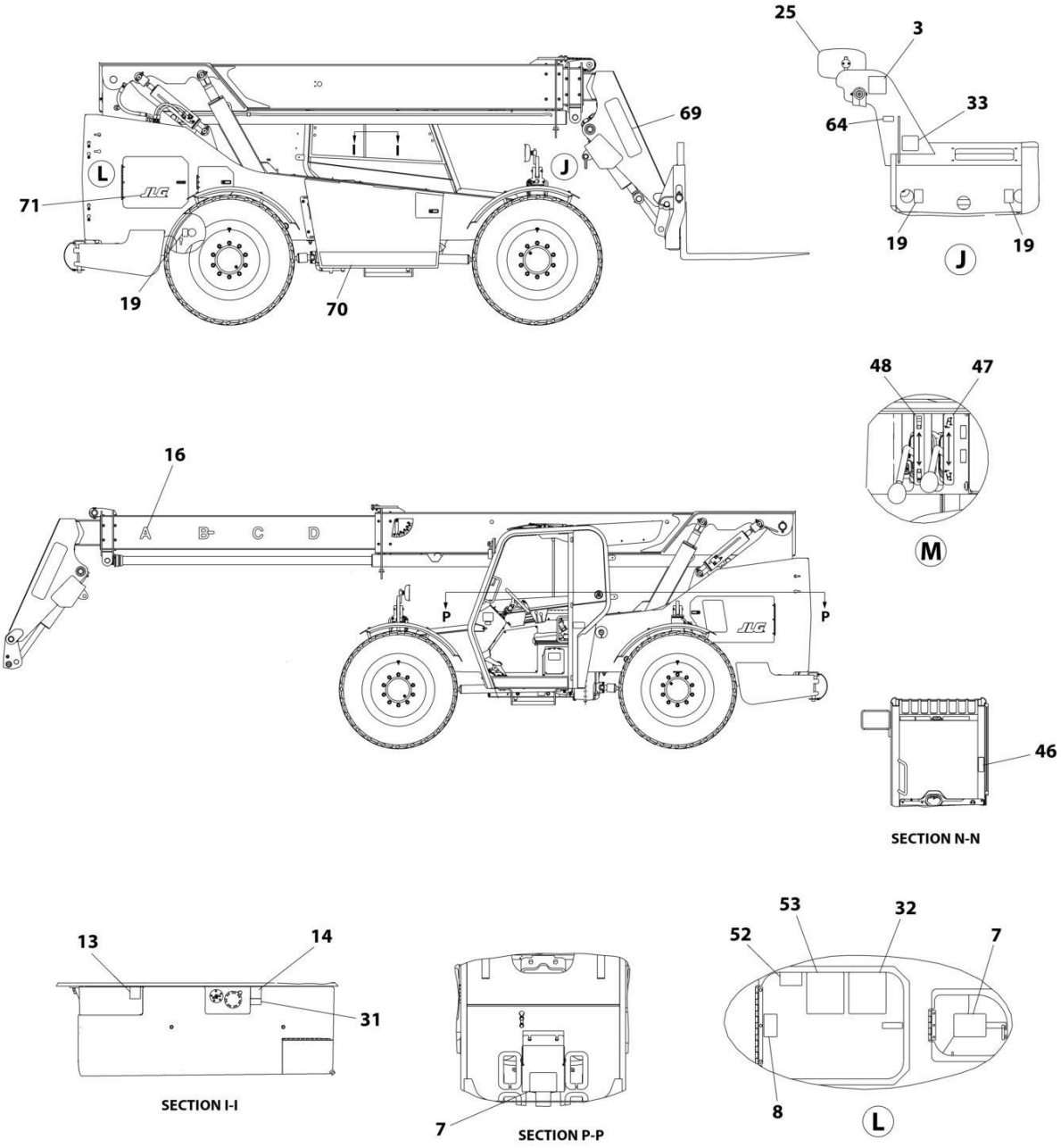
FIGURE 11-1. DECALS INSTALLATION - 74HP (ANSI SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212341	Ref	DECALS INSTALLATION (ANSI) 74HP - 8042 (8042)	N
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1706296	1	Decal, Battery Warning (ANSI)	
5	1706298	1	Decal, Carry Personnel	
6	1706299	1	Decal, Contacting Power Lines Warning	
7	1706300	2	Decal, Ether Warning	
8	1706301	2	Decal, Keep Clear of Rotating Parts Warning	
9	1706306	1	Decal, Tip Over Warning	
10	1706768	1	Decal, No Riders	
11	1706850	1	Decal, Crush Hazard Warning	
12	3251813	1	Decal, USA	
13	4100181	1	Decal, Hydraulic Oil Fill	
14	1001189017	1	Decal, Diesel Fuel Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer 3/8	
22	8305645	1	Nut 3/8	
23	8307024	2	Washer M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror, RH	
26	10139087	1	Safety Tread, Adhesive	
27	1001096404	1	Sleeve, Angle Indicator Spacer	
28	1001098769	1	Plate, Boom Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001125387	2	Decal, Ultra Low Sulfur Fuel	
32	1001191994	1	Decal, Lubrication Chart (8042)	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001139578	1	Decal, Hot Fluid Warning	
35	1001148177	1	Mirror, Rectangular	
41	1001263821	1	Decal, Rear Door	
44	1001158272	1	Decal, RH Overlay	
45	1001158319	1	Decal, LH Overlay	
46	1001162734	1	Decal, Joystick Control	
47	1001162735	1	Decal, Sway Control	
48	1001162736	1	Decal, Auxiliary Control	
52	1001202626	2	Decal, 74HP	
53	1001202627	1	Decal, Maintenance Charts	
59	1001189327	1	Decal, Main Fuse Panel	
61	1001207217	1	Decal, Danger Swinging Load	
62	1001218659	1	Decal, Brake Fluid Spec	
64	1001223453	1	Decal, ICES (CAN)	
66	1001231801	1	Decal, Warning PROP 65 Diesel	
69	1001263591	2	Decal, Model Boom Head	
70	1001274439	2	Decal - Cab Side	
71	1001274444	2	Decal - JLG Logo	

SECTION 11 - DECALS

FIGURE 11-2. DECALS INSTALLATION - 74HP (ENGLISH/FRENCH SPECS)





ART_1001212342_N_2OF2

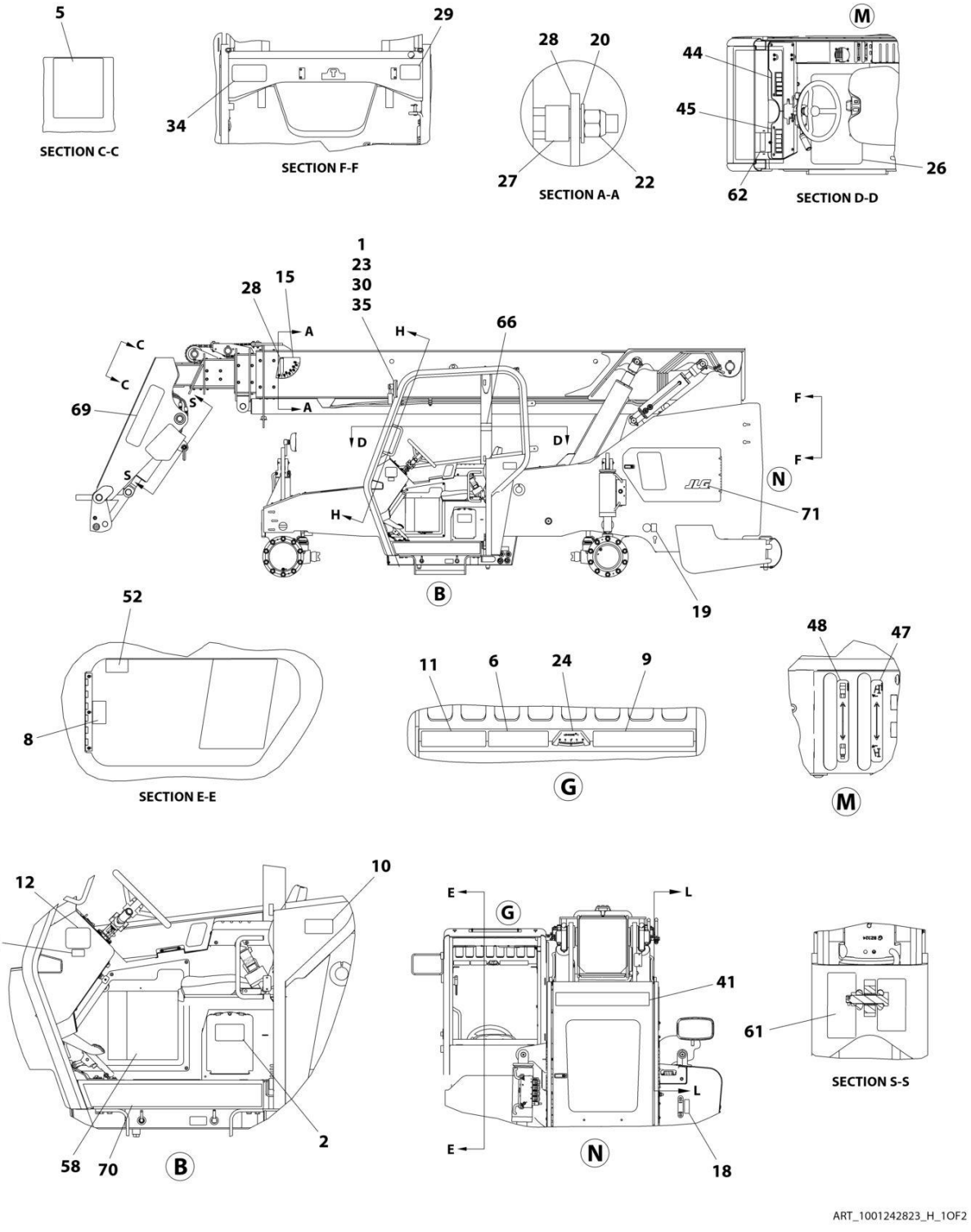
SECTION 11 - DECALS

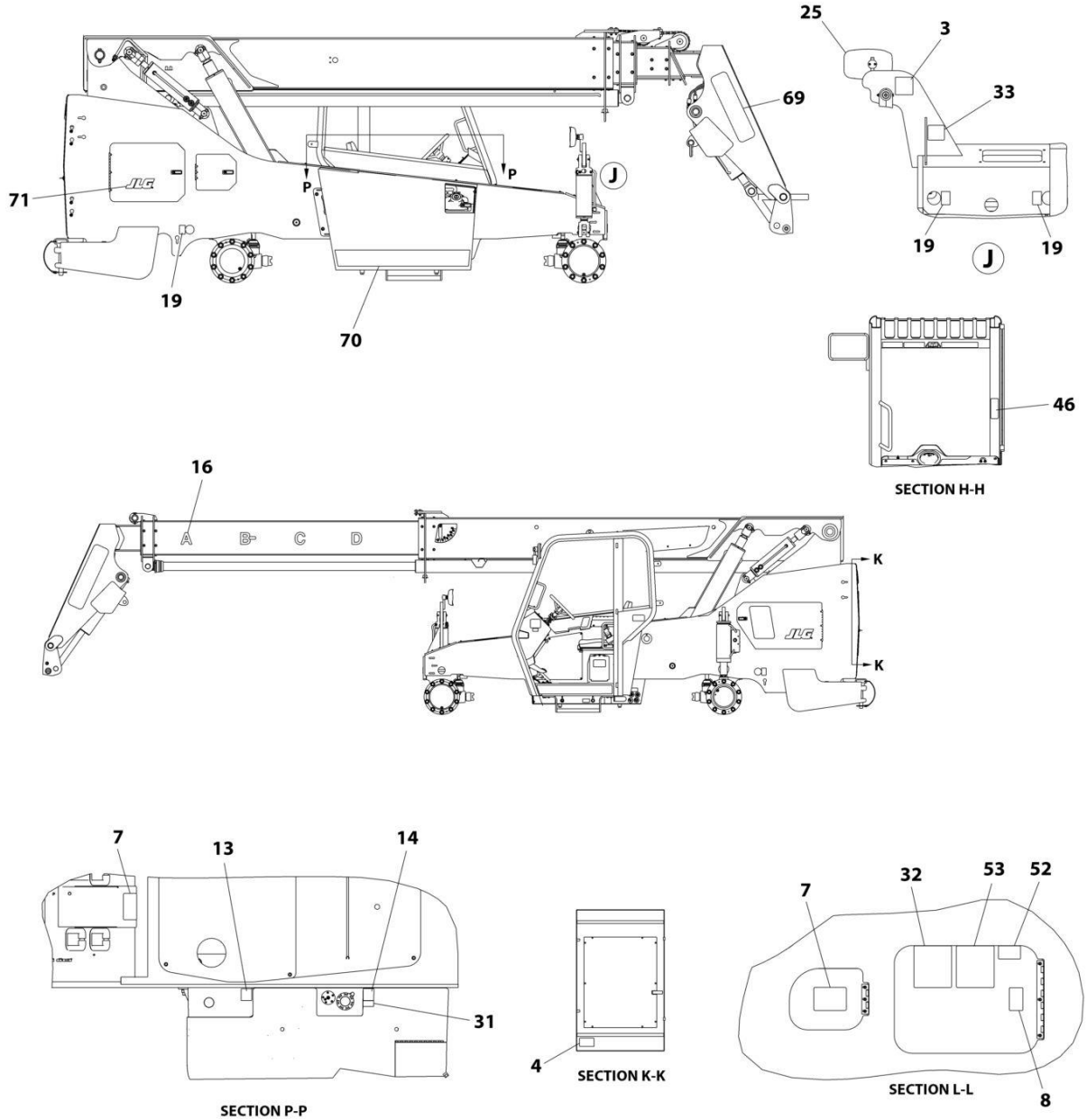
FIGURE 11-2. DECALS INSTALLATION - 74HP (ENGLISH/FRENCH SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212342	Ref	DECALS INSTALLATION (ENGLISH/FRENCH) 74HP - 8042 (8042)	N
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001163174	1	Decal, Battery Warning (CAN)	
5	1001163206	1	Decal, Carry Personnel (CAN)	
6	1001163210	1	Decal, Electrocution Hazard (CAN)	
7	1001163212	2	Decal, Ether Starting Warning (CAN)	
8	1001163222	2	Decal, Keep Clear of Rotating Parts Warning (CAN)	
9	1001163285	1	Decal, Tip Over Warning (CAN)	
10	1001163300	1	Decal, No Riders (CAN)	
11	1001163304	1	Decal, Crush Hazard Warning (CAN)	
12	3251813	1	Decal, USA	
13	4100181	1	Decal, Hydraulic Oil Fill	
14	1001189017	1	Decal, Diesel Fuel Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer 3/8	
22	8305645	1	Nut 3/8	
23	8307024	2	Washer M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror, RH	
26	10139087	1	Tread, Safety	
27	1001096404	1	Sleeve, Angle Indicator Spacer	
28	1001098769	1	Plate, Boom Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001163355	2	Decal, Ultra Low Sulfur Fuel (CAN)	
32	1001191994	1	Decal, Lubrication Chart 8042 (8042)	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001163323	1	Decal, Hot Fluid Warning (CAN)	
35	1001148177	1	Mirror, Rectangular	
41	1001263821	1	Decal, Rear Door	
44	1001180175	1	Decal, RH Overlay	
45	1001180176	1	Decal, LH Overlay	
46	1001162734	1	Decal, Joystick Control	
47	1001162735	1	Decal, Sway Control	
48	1001162736	1	Decal, Auxiliary Control	
52	1001202626	2	Decal, 74HP	
53	1001202627	1	Decal, Maintenance Charts	
58	1001189327	1	Decal, Main Fuse Panel	
61	1001211278	1	Decal, Swinging Load Decal Kit (CAN)	
62	1001219211	1	Decal, Brake Fluid Spec	
64	1001223453	1	Decal, ICES (CAN)	
69	1001263591	2	Decal, Model Boom Head	
70	1001274439	2	Decal - Cab Side	
71	1001274444	2	Decal - JLG Logo	

SECTION 11 - DECALS

FIGURE 11-3. DECALS INSTALLATION - 74HP (ENGLISH/SPANISH SPECS)





ART_1001242823_H_2OF2

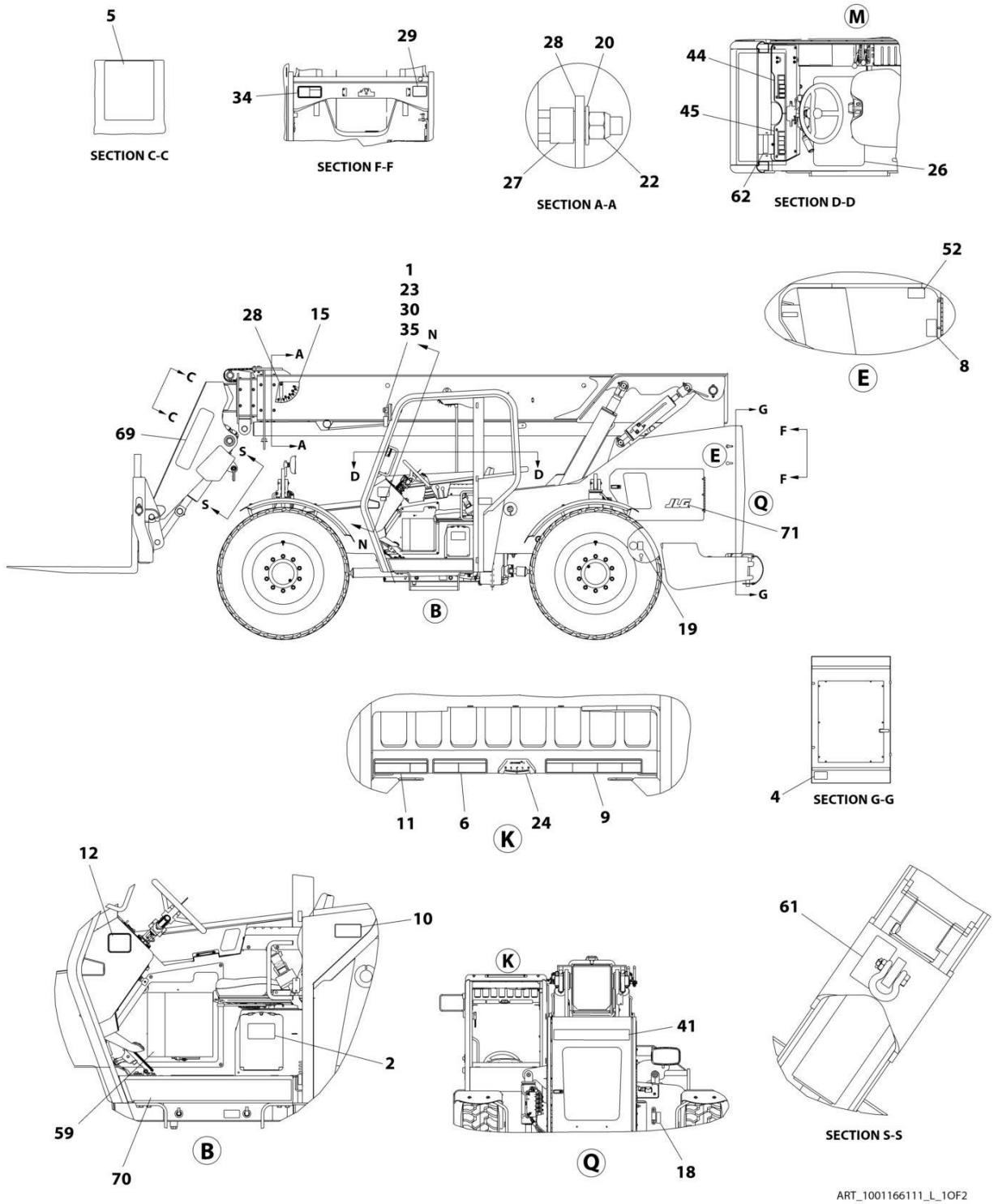
SECTION 11 - DECALS

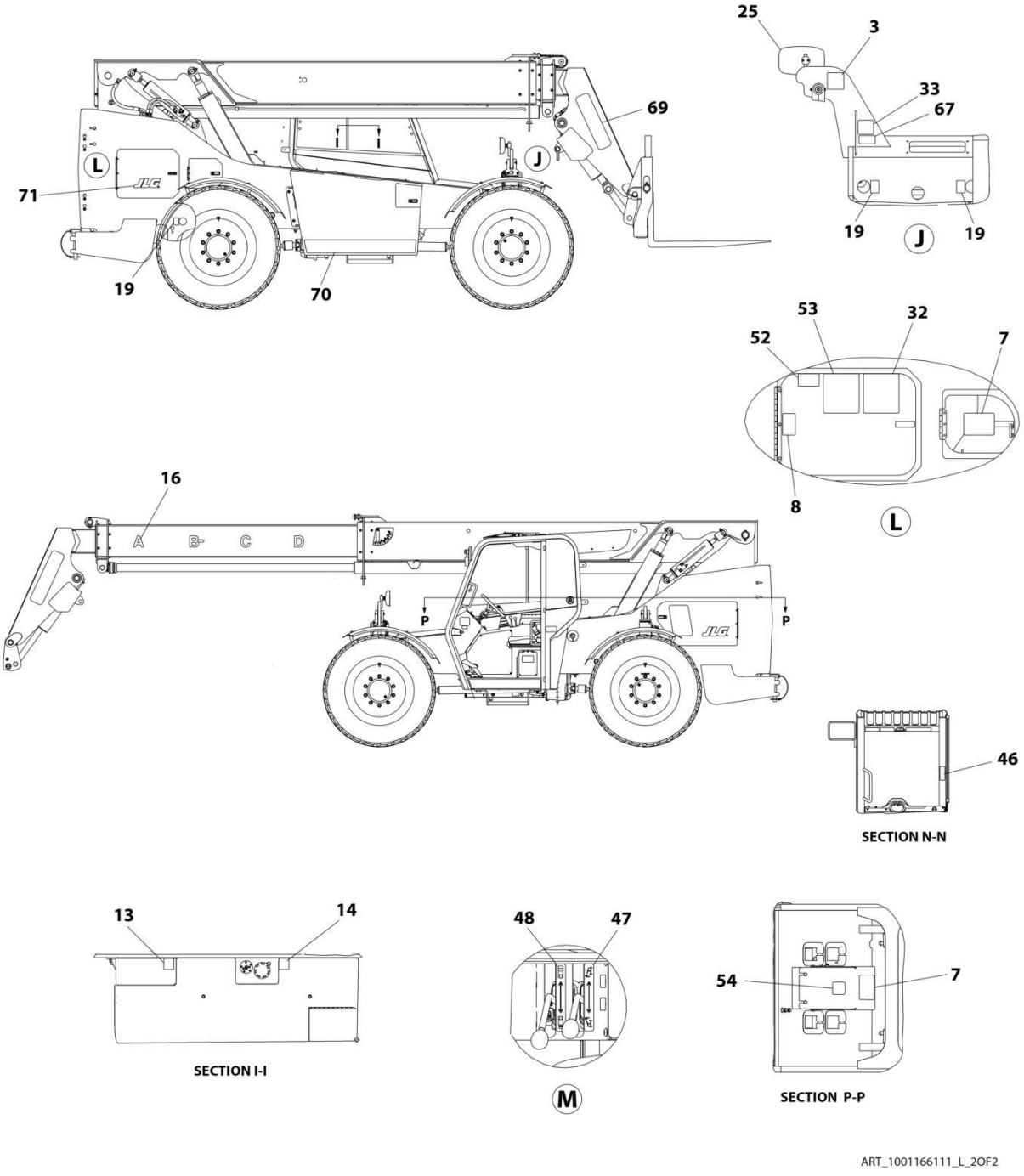
FIGURE 11-3. DECALS INSTALLATION - 74HP (ENGLISH/SPANISH SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242823	Ref	DECALS INSTALLATION (ENG/SPAN) 74HP - 8042	H
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001235794	1	Decal, Battery Warning (SPAN)	
5	1001235796	1	Decal, Carry Personnel (SPAN)	
6	1001235797	1	Decal, Electrocution Hazard (SPAN)	
7	1001235798	2	Decal, No Ether Warning (SPAN)	
8	1001235799	2	Decal, Moving Parts (SPAN)	
9	1001235801	1	Decal, Tipover Warning (SPAN)	
10	1001235802	1	Decal, No Riders (SPAN)	
11	1001235803	1	Decal, Crush Hazard Warning (SPAN)	
12	3251813	1	Decal, USA	
13	4100181	1	Decal, Hydraulic Oil Fill	
14	1001189017	1	Decal, Diesel Fuel Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer 3/8	
22	8305645	1	Nut 3/8	
23	8307024	2	Washer M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror, RH	
26	10139087	1	Tread, Safety	
27	1001096404	1	Sleeve, Angle Indicator Spacer	
28	1001098769	1	Plate, Boom Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001235804	2	Decal, Ultra Low Sulfur Fuel (SPAN)	
32	1001191994	1	Decal, Lubrication Chart	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001235805	1	Decal, Hot Fluid Warning (SPAN)	
35	1001148177	1	Mirror, Rectangular	
41	1001263821	1	Decal, Rear Door	
44	1001242172	1	Decal, RH Overlay (ENG/SPAN)	
45	1001242173	1	Decal, LH Overlay (ENG/SPAN)	
46	1001162734	1	Decal, Joystick Control	
47	1001162735	1	Decal, Sway Control	
48	1001162736	1	Decal, Auxiliary Control	
52	1001236313	2	Decal, MCO 74HP (SPAN)	
53	1001202627	1	Decal, Maintenance Chart	
58	1001189327	1	Decal, Main Fuse Panel	
61	1001246078	1	Decal, Danger Swinging Load (SPAN)	
62	1001219211	1	Decal, DEF Fluid	
66	1001242179	1	Decal, Danger Swing Load Boom Head (SPAN)	
69	1001263591	2	Decal, Model Boom Head	
70	1001274439	2	Decal - Cab Side	
71	1001274444	2	Decal - JLG Logo	

SECTION 11 - DECALS

FIGURE 11-4. DECALS INSTALLATION - 110HP LS (ISO DECALS)




25
3
33
67
69
71
19
70
19
J
19
53
32
52
7
8
L
16
A
B
C
D
P
P
46
SECTION N-N
13
14
SECTION I-I
48
47
M
54
7
SECTION P-P
ART_1001166111_L_2OF2

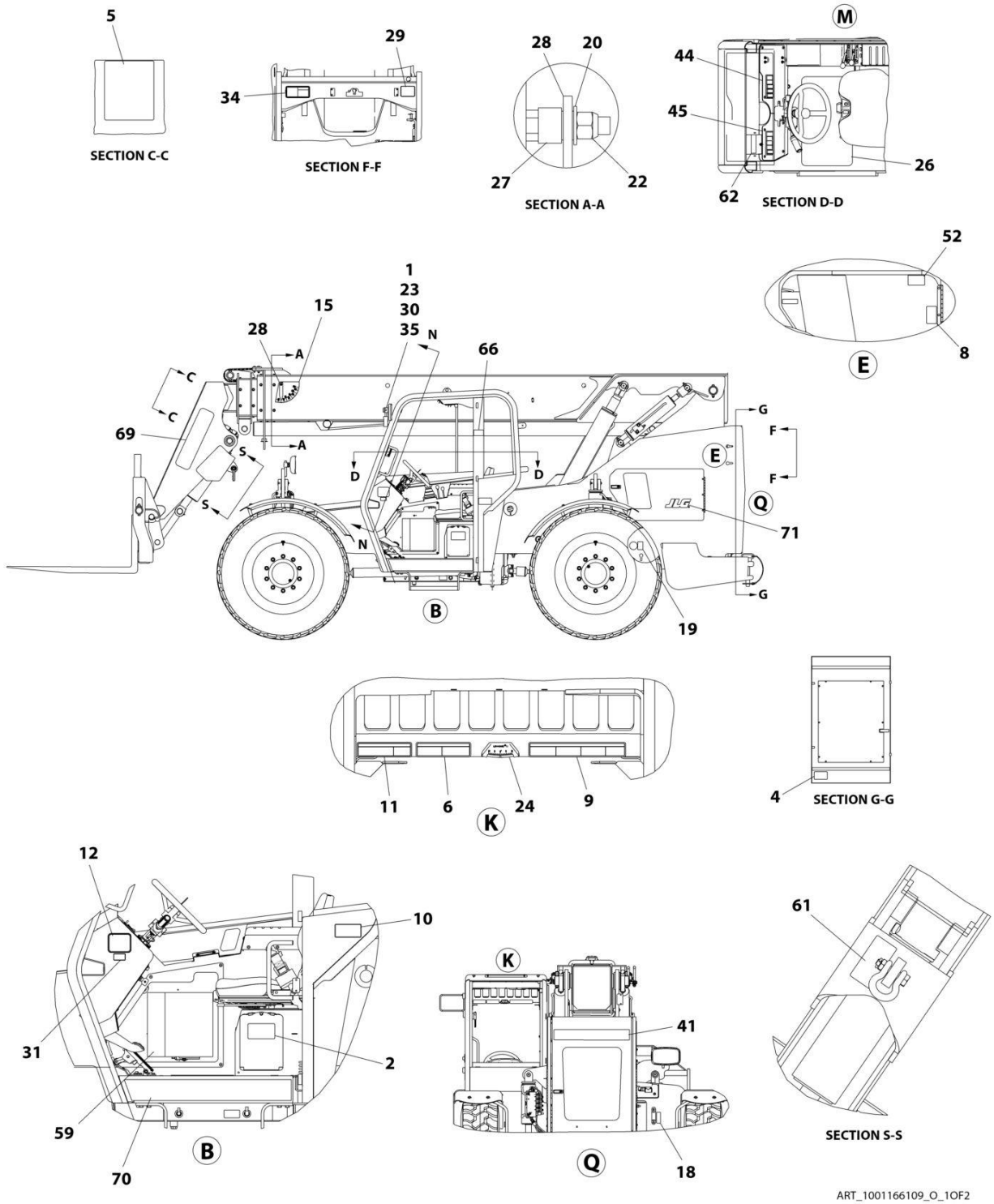
SECTION 11 - DECALS

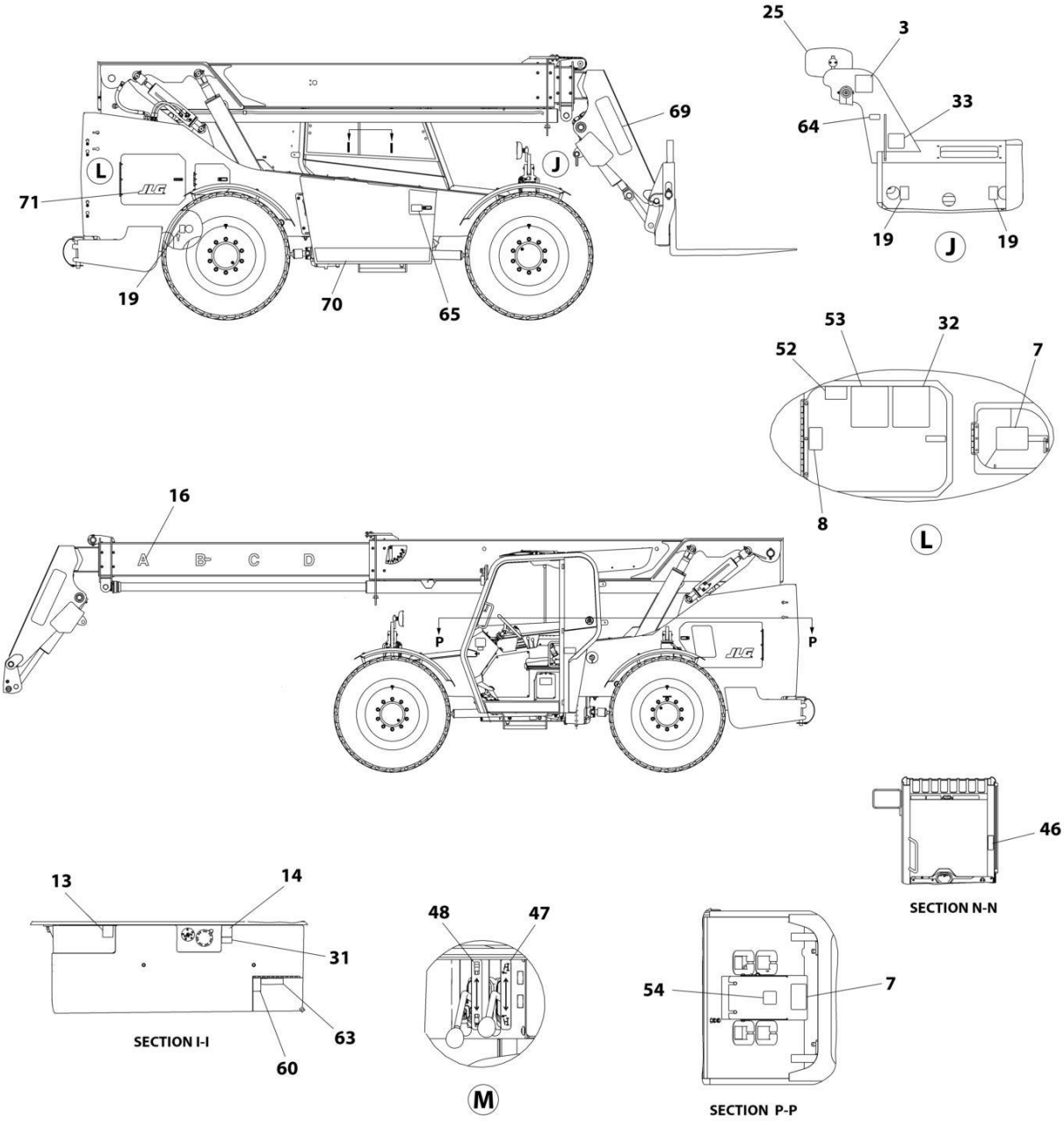
FIGURE 11-4. DECALS INSTALLATION - 110HP LS (ISO DECALS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166111	Ref	DECALS INSTALLATION (ISO) - 8042 (8042)	L
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1706281	1	Decal, Battery Warning	
5	1706282	1	Decal, Carry Personnel	
6	1706284	1	Decal, Electrocution Hazard	
7	1706098	2	Decal, Ether Warning	
8	1706285	2	Decal, Moving Parts	
9	1706288	1	Decal, Tipover Warning	
10	1001092878	1	Decal, No Riders	
11	1001092877	1	Decal, Crush Hazard Warning	
12	3251813	1	Decal, USA	
13	4100181	1	Decal, Hydraulic Oil Fill	
14	1001189017	1	Decal, Diesel Fuel Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer, 3/8	
22	8305645	1	Nut, Lock 3/8	
23	8307024	2	Washer, Lock M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror, RH	
26	10139087	1	Tread, Safety	
27	1001096404	1	Sleeve, Angle Indicator Spacer	
28	1001098769	1	Plate, Boom Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001191994	1	Decal, Lubrication Chart 8042 (8042)	
32	1001131271	1	Decal, Telehandlers Patent	
34	1001139942	1	Decal, Hot Fluid Warning	
35	1001148177	1	Mirror, Rectangular	
41	1001263821	1	Decal, Rear Door	
44	1001158321	1	Decal, Overlay RH (ISO)	
45	1001158320	1	Decal, Overlay LH (ISO)	
46	1001162734	1	Decal, Joystick Control	
47	1001162735	1	Decal, Sway Control	
48	1001162736	1	Decal, Auxiliary Control	
52	1001173422	2	Decal, MCO 110HP	
53	1001202627	1	Decal, Maintenance Charts	
54	1001142452	1	Decal, No Step	
59	1001189327	1	Decal, Main Fuse Panel	
61	1001207218	1	Decal, Danger Swinging Load	
62	1001219211	1	Decal, DEF Fluid	
67	1001143852	1	Decal, LRC EPA	
69	1001263591	2	Decal, Model Boom Head	
70	1001274439	2	Decal - Cab Side	
71	1001274444	2	Decal - JLG Logo	

SECTION 11 - DECALS

FIGURE 11-5. DECALS INSTALLATION - 110HP ULS (ANSI SPECS)





ART_1001166109_O_2OF2

SECTION 11 - DECALS

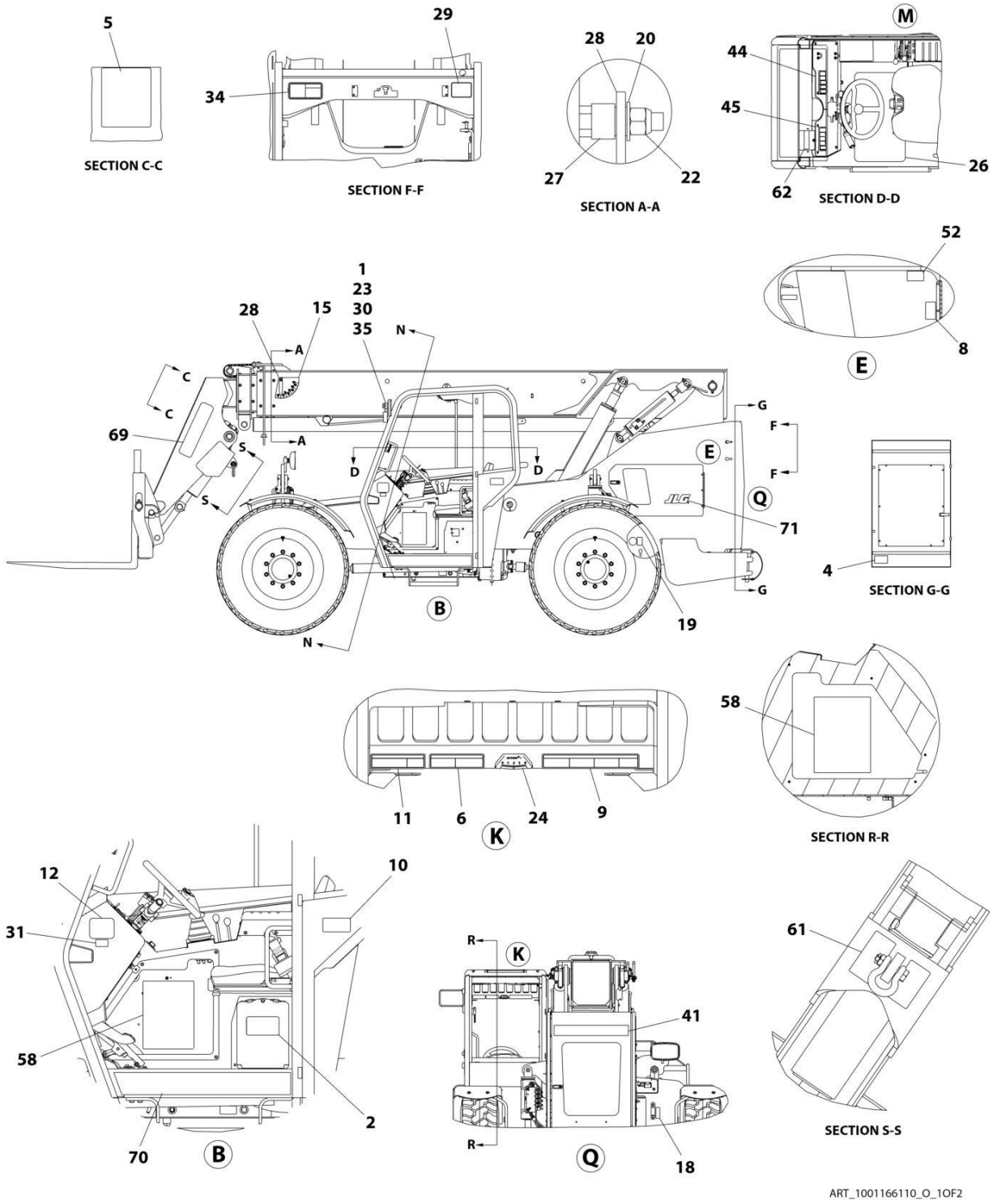
FIGURE 11-5. DECALS INSTALLATION - 110HP ULS (ANSI SPECS)

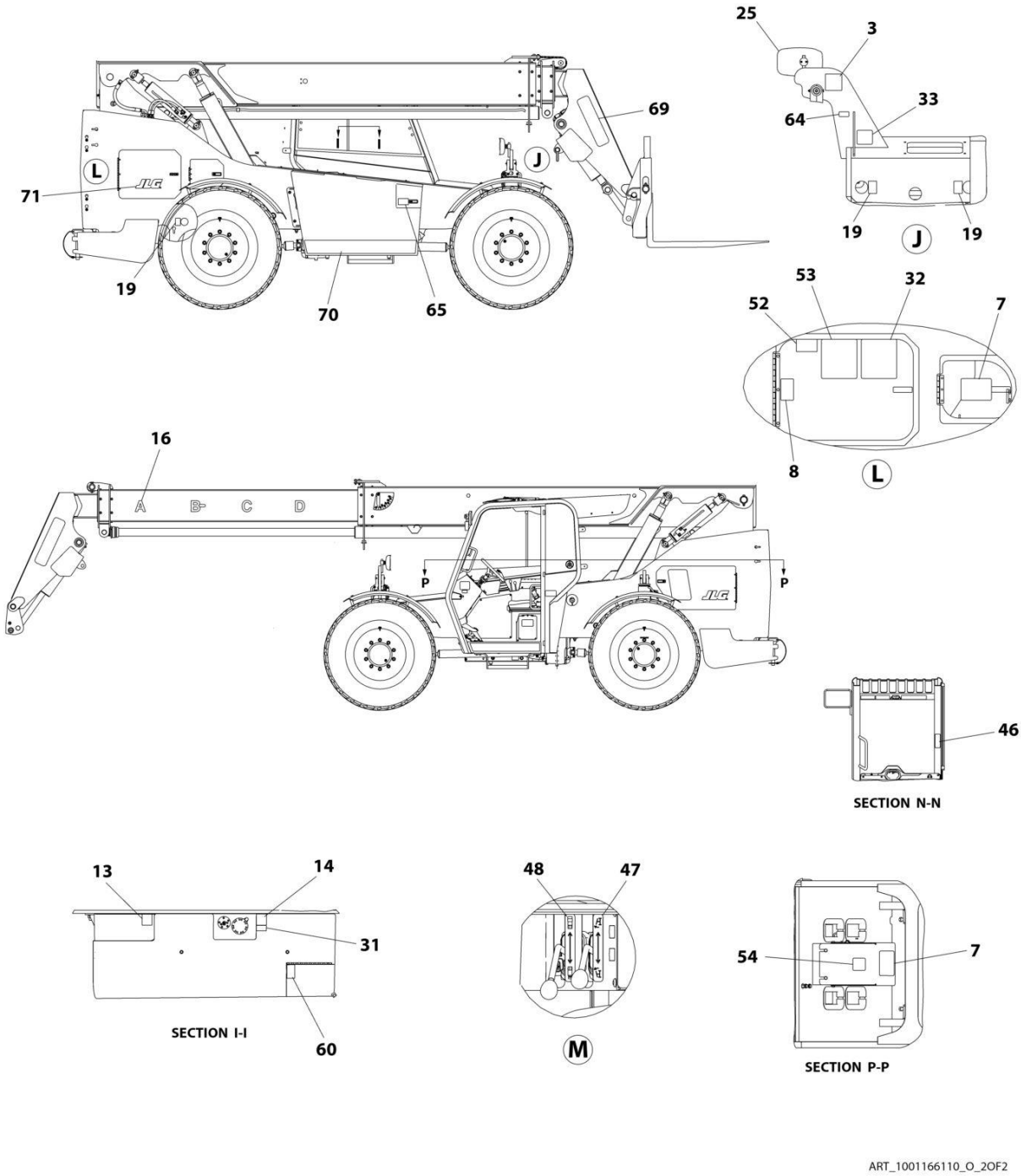
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166109	Ref	DECALS INSTALLATION (ANSI) - 8042 (8042)	O
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1706296	1	Decal, Battery Warning (ANSI)	
5	1706298	1	Decal, Carry Personnel	
6	1706299	1	Decal, Contacting Power Lines Warning	
7	1706300	2	Decal, Ether Warning	
8	1706301	2	Decal, Keep Clear of Rotating Parts Warning	
9	1706306	1	Decal, Tip Over Warning	
10	1706768	1	Decal, No Riders	
11	1706850	1	Decal, Crush Hazard Warning	
12	3251813	1	Decal, USA	
13	4100181	1	Decal, Hydraulic Oil Fill	
14	1001189017	1	Decal, Diesel Fuel Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer, 3/8	
22	8305645	1	Nut, Lock 3/8	
23	8307024	2	Washer, Lock M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror, RH	
26	10139087	1	Tread, Safety	
27	1001096404	1	Sleeve, Angle Indicator Spacer	
28	1001098769	1	Plate, Boom Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001125387	2	Decal, Ultra Low Sulfur Fuel	
32	1001191994	1	Decal, Lubrication Chart 8042 (8042)	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001139578	1	Decal, Hot Fluid Warning	
35	1001148177	1	Mirror, Rectangular	
41	1001263821	1	Decal, Rear Door	
44	1001158272	1	Decal, RH Overlay	
45	1001158319	1	Decal, LH Overlay	
46	1001162734	1	Decal, Joystick Control	
47	1001162735	1	Decal, Sway Control	
48	1001162736	1	Decal, Auxiliary Control	
52	1001173422	2	Decal, MCO 110HP	
53	1001174152	1	Decal, Maintenance Chart	
54	1001142452	1	Decal, No Step	
59	1001189327	1	Decal, Main Fuse Panel	
60	1001196806	1	Decal, Diesel Exhaust Fluid	
61	1001207217	1	Decal, Danger Swinging Load	
62	1001218659	1	Decal, Brake Fluid Spec	
63	1001219212	1	Decal, DEF Fluid	
64	1001223453	1	Decal, ICES (CAN)	
65	1001230307	1	Decal, Cummins DEF Service	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
66	1001231801	1	Decal, Warning Prop 65 Diesel	
69	1001263591	2	Decal, Model Boom Head	
70	1001274439	2	Decal - Cab Side	
71	1001274444	2	Decal - JLG Logo	

SECTION 11 - DECALS

FIGURE 11-6. DECALS INSTALLATION - 110HP ULS (ENGLISH/FRENCH SPECS)




25
3
33
64
69
71
19
19
19
70
65
53
32
52
7
8
16
A
B
C
D
P
P
46
SECTION N-N
13
14
31
60
SECTION I-I
48
47
M
54
7
SECTION P-P
ART_1001166110_O_2OF2

SECTION 11 - DECALS

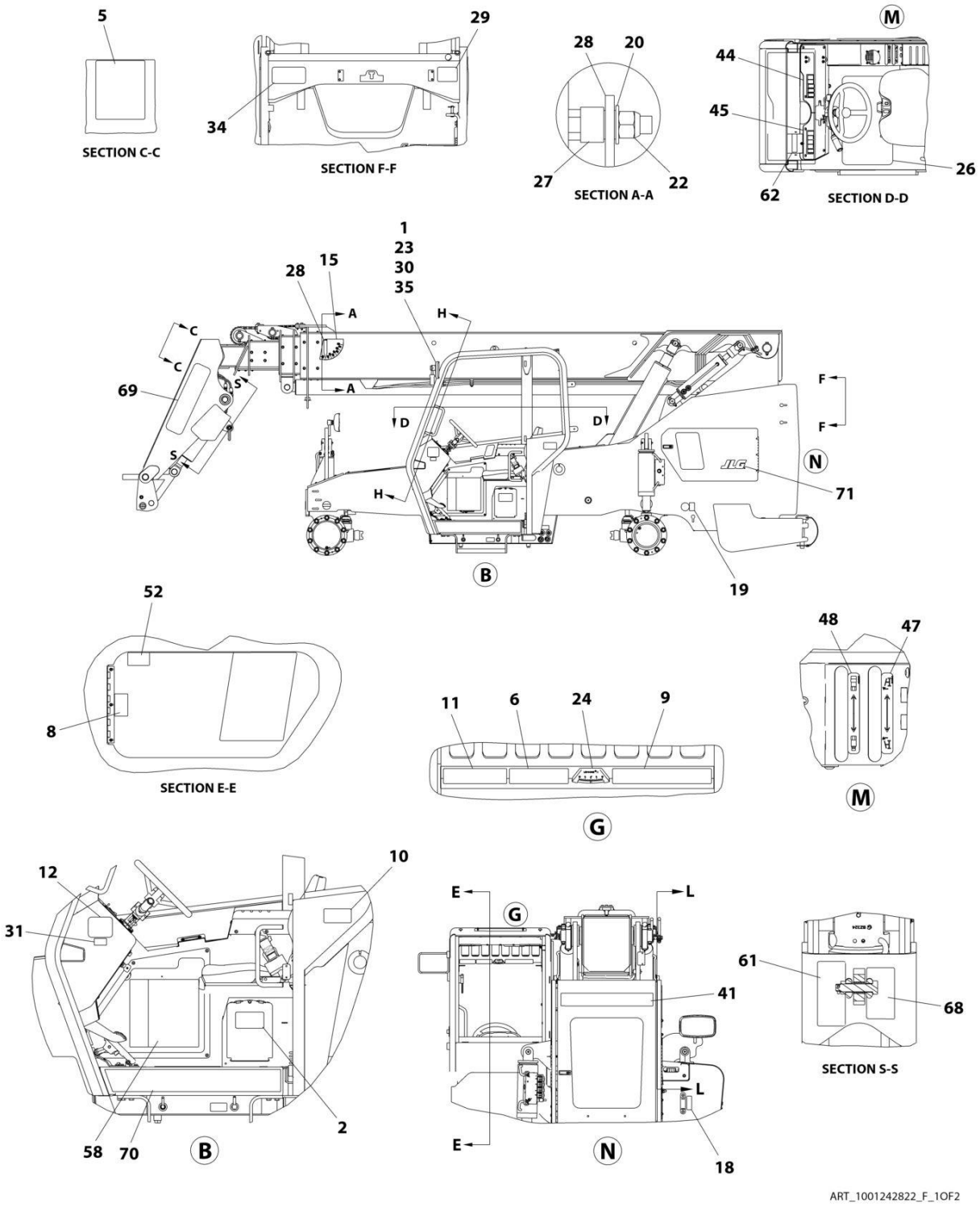
FIGURE 11-6. DECALS INSTALLATION - 110HP ULS (ENGLISH/FRENCH SPECS)

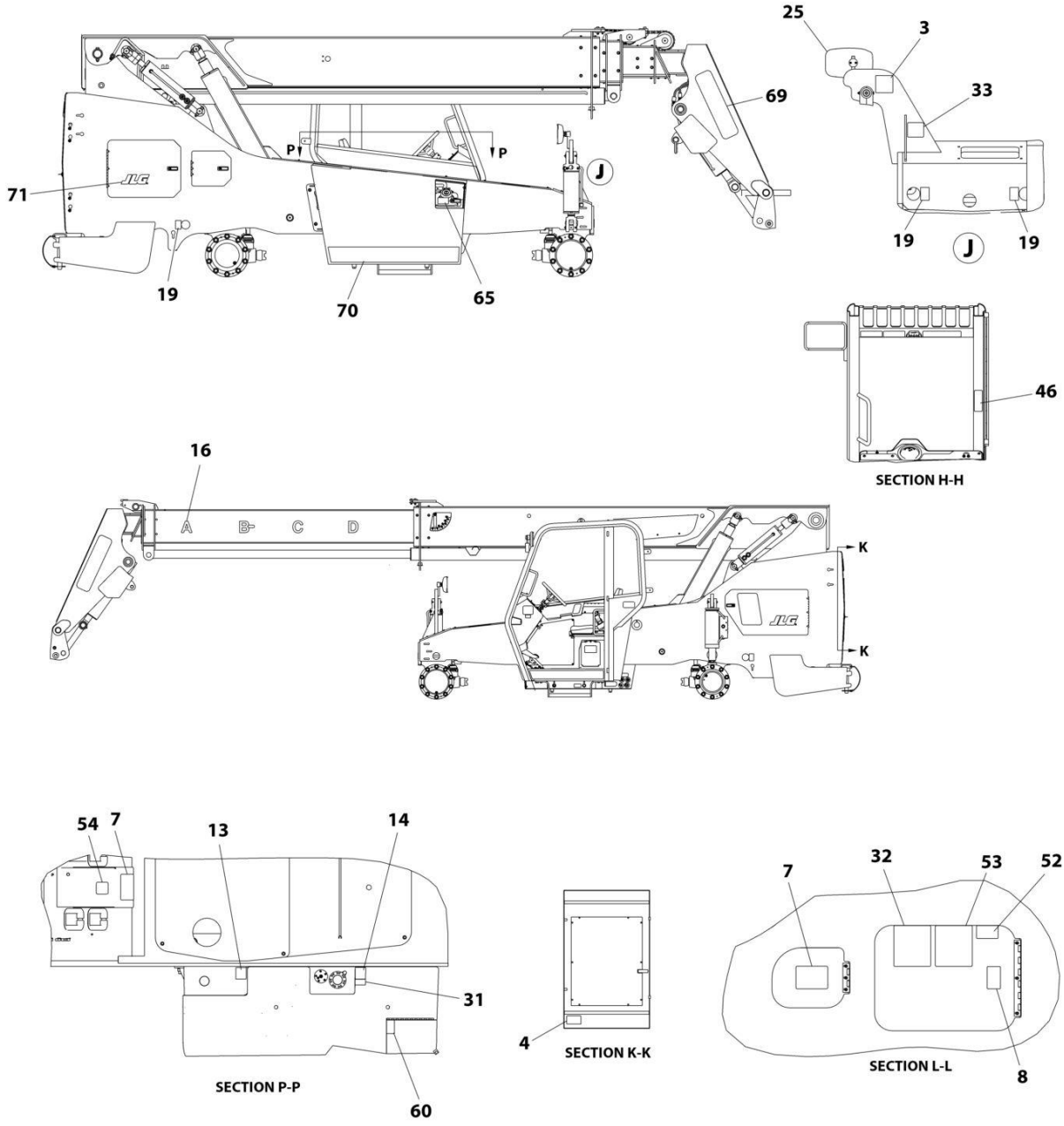
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166110	Ref	DECALS INSTALLATION (ENGLISH/FRENCH) - 8042 (8042)	O
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001163174	1	Decal, Battery Warning (CAN)	
5	1001163206	1	Decal, Carry Personnel (CAN)	
6	1001163210	1	Decal, Electrocution Hazard (CAN)	
7	1001163212	2	Decal, Ether Starting Warning (CAN)	
8	1001163222	2	Decal, Keep Clear of Rotating Parts Warning (CAN)	
9	1001163285	1	Decal, Tip Over Warning (CAN)	
10	1001163300	1	Decal, No Riders (CAN)	
11	1001163304	1	Decal, Crush Hazard Warning (CAN)	
12	3251813	1	Decal, USA	
13	4100181	1	Decal, Hydraulic Oil Fill	
14	1001189017	1	Decal, Diesel Fuel Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer, 3/8	
22	8305645	1	Nut, Lock 3/8	
23	8307024	2	Washer, Lock M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror, RH	
26	10139087	1	Tread, Safety	
27	1001096404	1	Sleeve, Angle Indicator Spacer	
28	1001098769	1	Plate, Boom Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001163355	2	Decal, Ultra Low Sulfur Fuel (CAN)	
32	1001191994	1	Decal, Lubrication Chart 8042	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001163323	1	Decal, Hot Fluid Warning (CAN)	
35	1001148177	1	Mirror, Rectangular	
41	1001263821	1	Decal, Rear Door	
44	1001180175	1	Decal, RH Overlay	
45	1001180176	1	Decal, LH Overlay	
46	1001162734	1	Decal, Joystick Control	
47	1001162735	1	Decal, Sway Control	
48	1001162736	1	Decal, Auxiliary Control	
52	1001173422	2	Decal, MCO 110HP	
53	1001174152	1	Decal, Maintenance Chart	
54	1001142452	1	Decal, No Step	
58	1001189327	1	Decal, Main Fuse Panel	
60	1001196806	1	Decal, Diesel Exhaust Fluid	
61	1001211278	1	Decal, Swinging Load Decal Kit (CAN)	
62	1001219211	1	Decal, DEF Fluid	
64	1001223453	1	Decal, ICES (CAN)	
65	1001230309	1	Decal, EN/FR Cummins DEF Tank Service	
69	1001263591	2	Decal, Model Boom Head	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
70	1001274439	2	Decal - Cab Side	
71	1001274444	2	Decal - JLG Logo	

SECTION 11 - DECALS

FIGURE 11-7. DECALS INSTALLATION - 110HP ULS (ENGLISH/SPANISH SPECS)





ART_1001242822_F_2OF2

SECTION 11 - DECALS

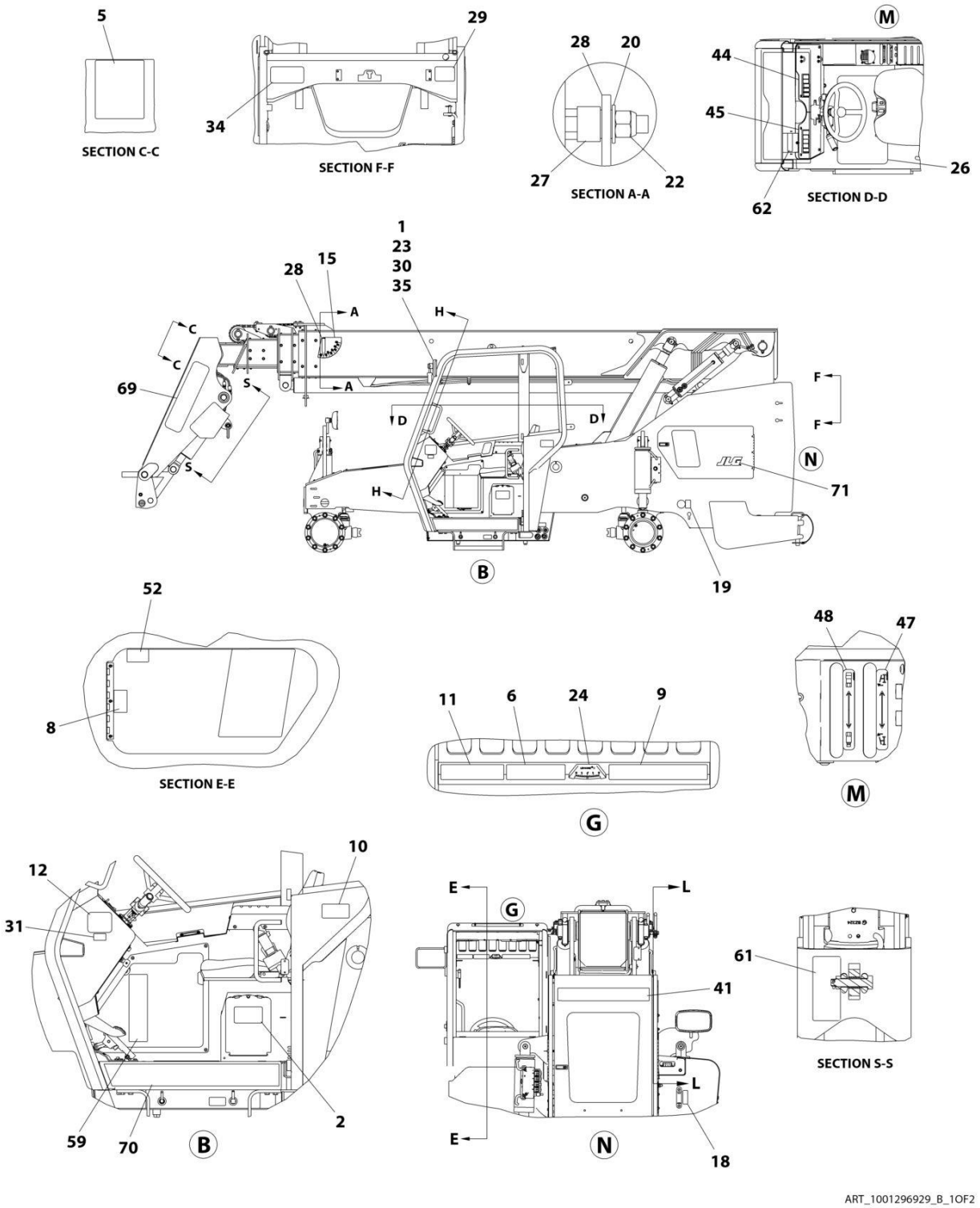
FIGURE 11-7. DECALS INSTALLATION - 110HP ULS (ENGLISH/SPANISH SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242822	Ref	DECALS INSTALLATION (ENG/SPAN) 110HP - 8042	F
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001235794	1	Decal, Battery Warning (SPAN)	
5	1001235796	1	Decal, Carry Personnel (SPAN)	
6	1001235797	1	Decal, Electrocution Hazard (SPAN)	
7	1001235798	2	Decal, No Ether Warning (SPAN)	
8	1001235799	2	Decal, Moving Parts (SPAN)	
9	1001235801	1	Decal, Tipover Warning (SPAN)	
10	1001235802	1	Decal, No Riders (SPAN)	
11	1001235803	1	Decal, Crush Hazard Warning (SPAN)	
12	3251813	1	Decal, USA	
13	4100181	1	Decal, Hydraulic Oil Fill	
14	1001189017	1	Decal, Diesel Fuel Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer, 3/8	
22	8305645	1	Nut, Lock 3/8	
23	8307024	2	Washer, Lock M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror, RH	
26	10139087	1	Tread, Safety	
27	1001096404	1	Sleeve, Angle Indicator Spacer	
28	1001098769	1	Plate, Boom Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001235804	2	Decal, Ultra Low Sulfur Fuel (SPAN)	
32	1001191994	1	Decal, Lubrication Chart 8042	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001235805	1	Decal, Hot Fluid Warning (SPAN)	
35	1001148177	1	Mirror, Rectangular	
41	1001263821	1	Decal, Rear Door	
44	1001242172	1	Decal, RH Overlay (ENG/SPAN)	
45	1001242173	1	Decal, LH Overlay (ENG/SPAN)	
46	1001162734	1	Decal, Joystick Control	
47	1001162735	1	Decal, Sway Control	
48	1001162736	1	Decal, Auxiliary Control	
52	1001236312	2	Decal, MCO 110HP (SPAN)	
53	1001174152	1	Decal, Maintenance Chart	
54	1001142452	1	Decal, No Step	
58	1001189327	1	Decal, Main Fuse Panel	
60	1001196806	1	Decal, Diesel Exhaust Fluid	
61	1001246078	1	Decal, Danger Swinging Load (SPAN)	
62	1001219211	1	Decal, DEF Fluid	
65	1001242181	1	Decal, EN/FR Cummins DEF Tank Service	
68	1001242179	1	Decal, Danger Swing Load Boom Head (SPAN)	
69	1001263591	2	Decal, Model Boom Head	

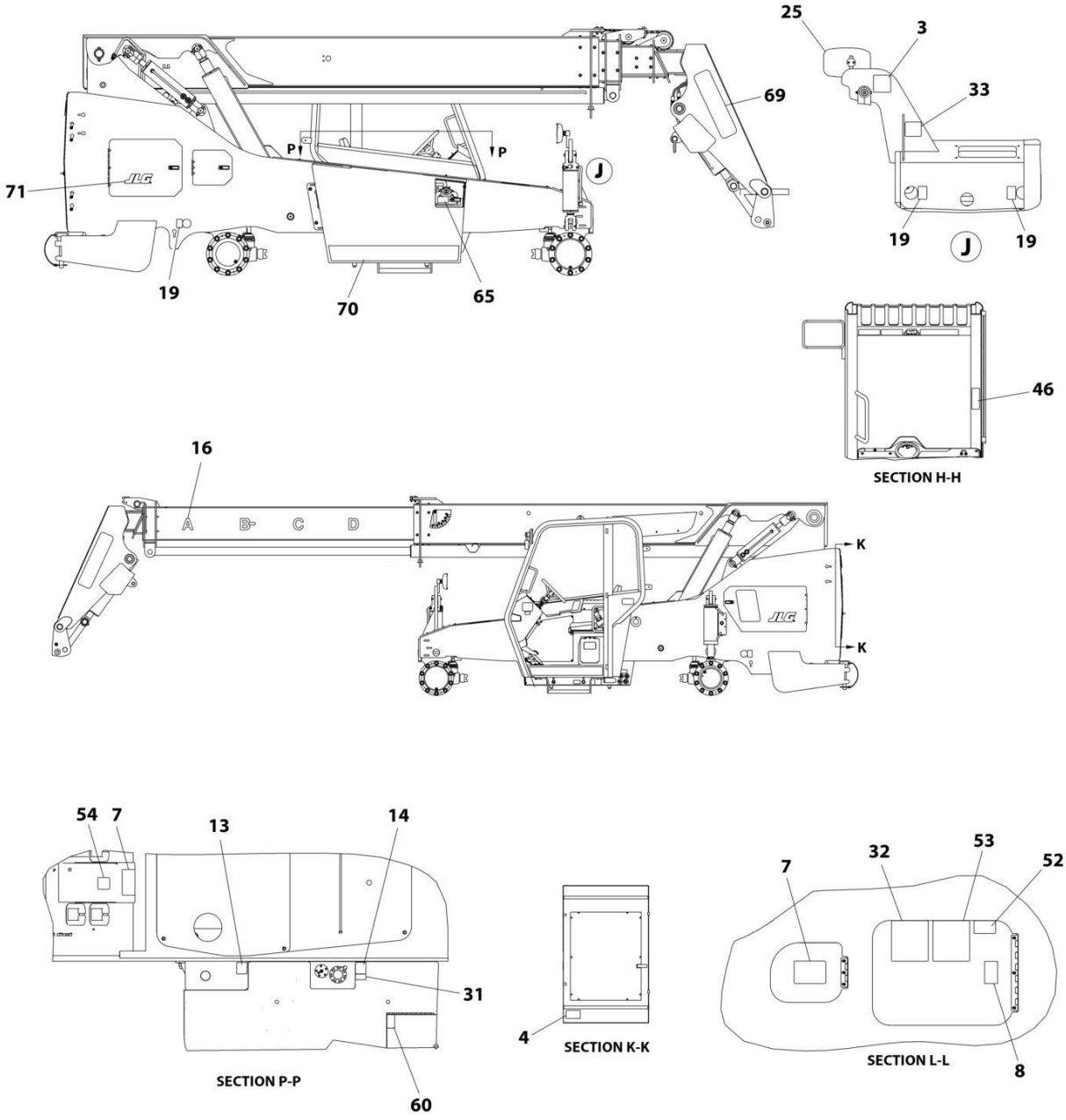
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
70	1001274439	2	Decal - Cab Side	
71	1001274444	2	Decal - JLG Logo	

SECTION 11 - DECALS

FIGURE 11-8. DECAL INSTALLATION HRC 110HP



ART_1001296929_B_1OF2



ART_1001296929_B_2OF2

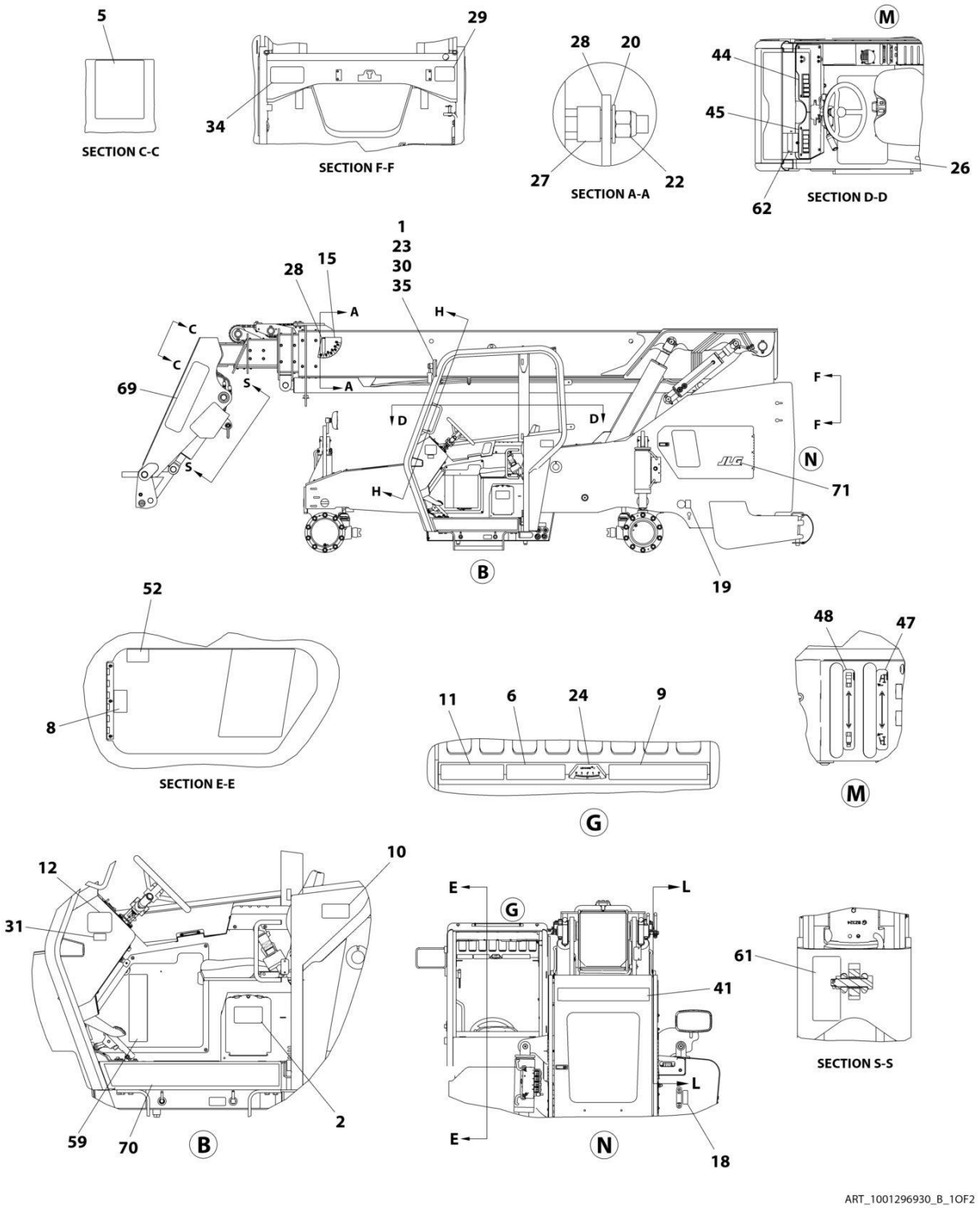
SECTION 11 - DECALS

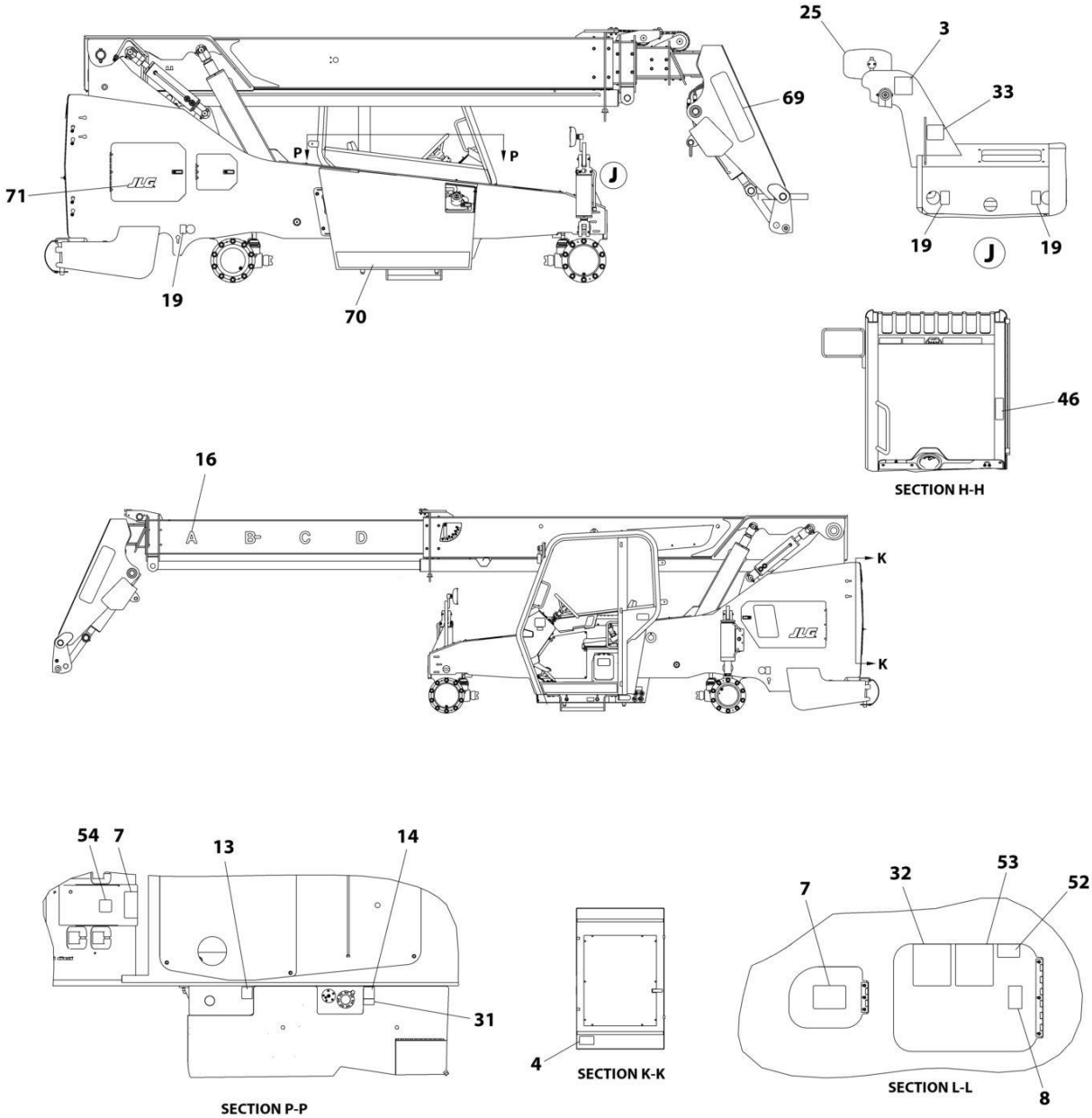
FIGURE 11-8. DECAL INSTALLATION HRC 110HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296929	Ref	DECAL INSTALLATION HRC 110HP	B
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal - Manual	
3	See Note	1	Decal - Bar Code (Note: Not Available for Purchase)	
4	1706281	1	Decal - Battery Warning (ISO)	
5	1706282	1	Decal - Carry Personnel	
6	1706284	1	Decal - Electrocution Hazard (ISO)	
7	1706098	2	Decal - Warning Ether Start	
8	1706285	2	Decal - Moving Parts (ISO)	
9	1706288	1	Decal - Tipover Warning (ISO)	
10	1001092878	1	Decal - No Riders (ISO)	
11	1001092877	1	Decal - Crush Hazard Warning (ISO)	
12	3251813	1	Decal - USA	
13	4100181	1	Decal - Hydraulic Oil Fill	
14	1001189017	1	Decal - Diesel Fuel Fill	
15	4105262	1	Decal - Boom Angle Indicator	
16	4107442	1	Decal - Boom Extend Letters	
18	4108302	1	Decal - Hydraulic Oil Level	
19	1702300	4	Decal - Tie Down	
20	4711600	1	Washer 3/8	
22	8305645	1	Nut, Lock 3/8	
23	8307024	2	Washer, Lock M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror RH	
26	10139087	1	Tread, Safety	
27	1001096404	1	Sleeve, Angle Indicator Spacer	
28	1001098769	1	Plate, Boom Angle Indicator	
29	1001109053	1	Decal - Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001125387	2	Decal - Ultra Low Sulfur Diesel	
32	1001191994	1	Decal - Lubrication Chart 8042	
33	1001131271	1	Decal - Telehandlers Patent	
34	1001139942	1	Decal - Hot Fluid Warning	
35	1001148177	1	Mirror, Rectangular	
41	1001263821	1	Decal - Rear Door	
44	1001158321	1	Decal - RH Overlay	
45	1001158320	1	Decal - LH Overlay	
46	1001162734	1	Decal - Joystick Control	
47	1001162735	1	Decal - Sway Control	
48	1001162736	1	Decal - Auxiliary Control	
52	1001173422	2	Decal - MCO 110HP	
53	1001202627	1	Decal - Maintenance Chart	
54	1001142452	1	Decal - No Step	
59	1001189327	1	Decal - Main Fuse Panel	
60	1001196806	1	Decal - Diesel Exhaust Fluid	
61	1001207218	1	Decal - Danger Swinging Load	
62	1001219211	1	Decal - Brake Fluid Spec	
65	1001230307	1	Decal - Cummins DEF Tank Service	
69	1001263591	2	Decal - Model Boom Head	
70	1001274439	2	Decal - Cab Side	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
71	1001274444	2	Decal - JLG Logo	

FIGURE 11-9. DECAL INSTALLATION HRC 74HP





ART_1001296930_B_2OF2

FIGURE 11-9. DECAL INSTALLATION HRC 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296930	Ref	DECAL INSTALLATION HRC 74HP	B
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal - Manual	
3	See Note	1	Decal - Bar Code (Note: Not Available for Purchase)	
4	1706281	1	Decal - Battery Warning (ISO)	
5	1706282	1	Decal - Carry Personnel	
6	1706284	1	Decal - Electrocution Hazard (ISO)	
7	1706098	2	Decal - Warning Ether Start	
8	1706285	2	Decal - Moving Parts (ISO)	
9	1706288	1	Decal - Tipover Warning (ISO)	
10	1001092878	1	Decal - No Riders (ISO)	
11	1001092877	1	Decal - Crush Hazard Warning (ISO)	
12	3251813	1	Decal - USA	
13	4100181	1	Decal - Hydraulic Oil Fill	
14	1001189017	1	Decal - Diesel Fuel Fill	
15	4105262	1	Decal - Boom Angle Indicator	
16	4107442	1	Decal - Boom Extend Letters	
18	4108302	1	Decal - Hydraulic Oil Level	
19	1702300	4	Decal - Tie Down	
20	4711600	1	Washer 3/8	
22	8305645	1	Nut, Lock 3/8	
23	8307024	2	Washer, Lock M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror RH	
26	10139087	1	Tread, Safety	
27	1001096404	1	Sleeve, Angle Indicator Spacer	
28	1001098769	1	Plate, Boom Angle Indicator	
29	1001109053	1	Decal - Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001125387	2	Decal - Ultra Low Sulfur Diesel	
32	1001191994	1	Decal - Lubrication Chart 8042	
33	1001131271	1	Decal - Telehandlers Patent	
34	1001139942	1	Decal - Hot Fluid Warning	
35	1001148177	1	Mirror, Rectangular	
41	1001263821	1	Decal - Rear Door	
44	1001158321	1	Decal - RH Overlay	
45	1001158320	1	Decal - LH Overlay	
46	1001162734	1	Decal - Joystick Control	
47	1001162735	1	Decal - Sway Control	
48	1001162736	1	Decal - Auxiliary Control	
52	1001202626	2	Decal - MCO 74HP	
53	1001202627	1	Decal - Maintenance Chart	
54	1001142452	1	Decal - No Step	
59	1001189327	1	Decal - Main Fuse Panel	
61	1001207218	1	Decal - Danger Swinging Load	
62	1001219211	1	Decal - Brake Fluid Spec	
69	1001263591	2	Decal - Model Boom Head	
70	1001274439	2	Decal - Cab Side	
71	1001274444	2	Decal - JLG Logo	

FIGURE 11-10. BOOM DECALS INSTALLATION

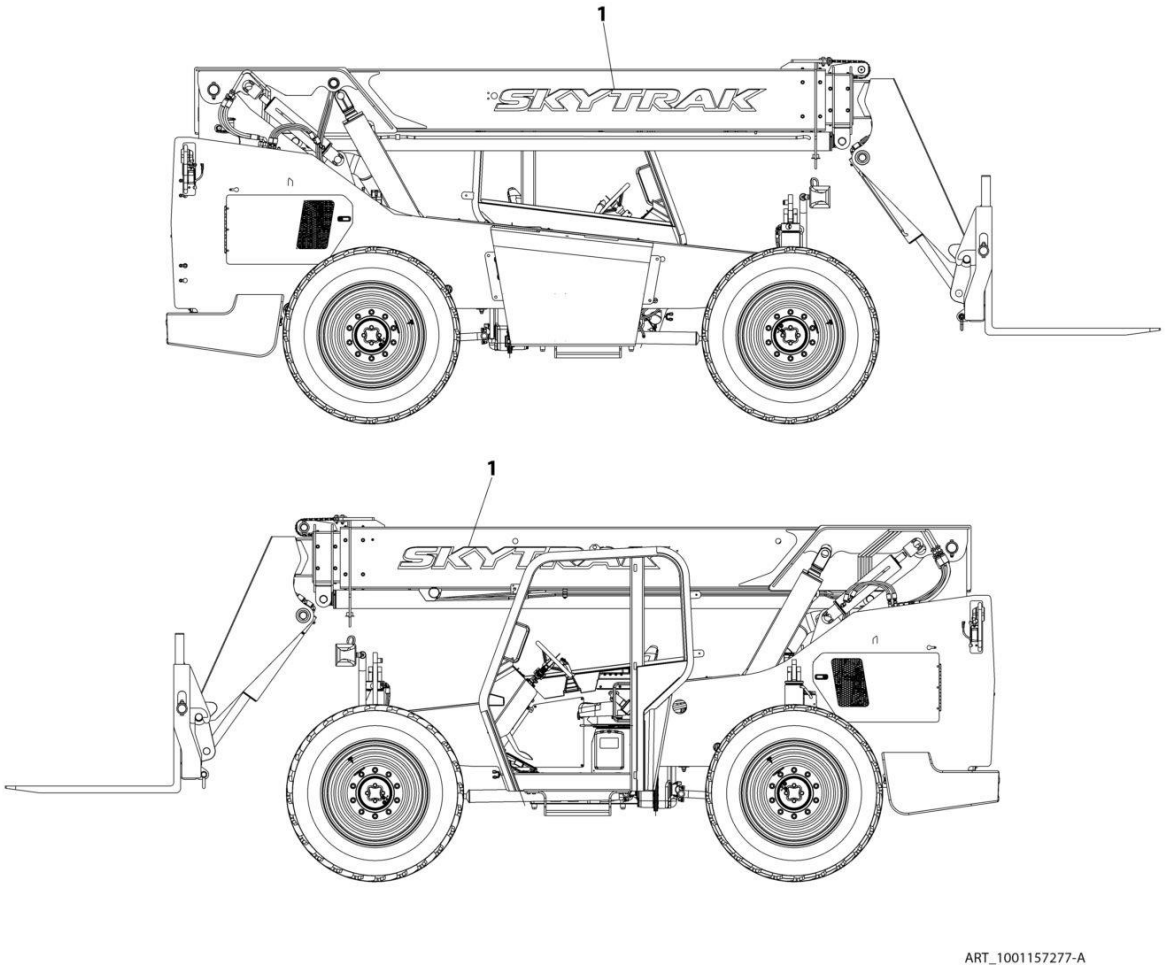
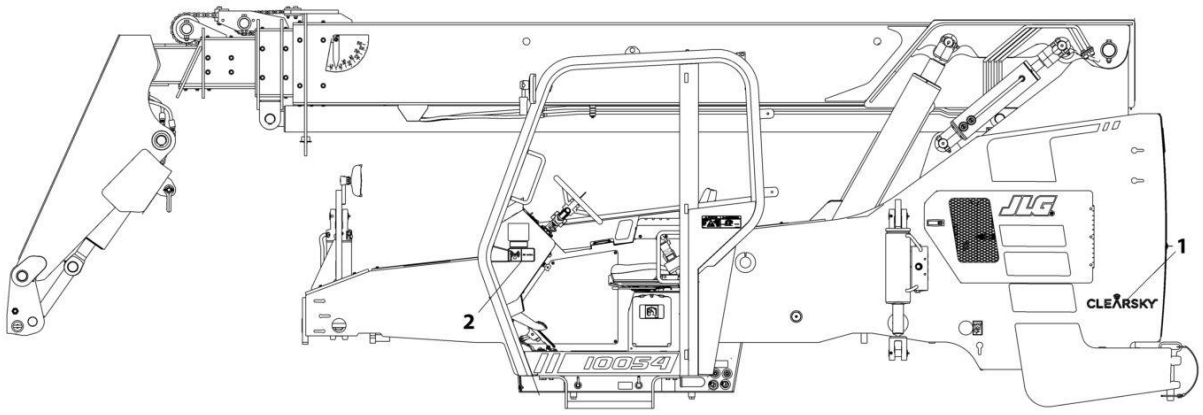


FIGURE 11-10. BOOM DECALS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001157277	Ref	Boom Decal Installation	A
1	1001157275	2	Decal, Boom SkyTrak	

FIGURE 11-11. CLEARSKY DECALS INSTALLATION

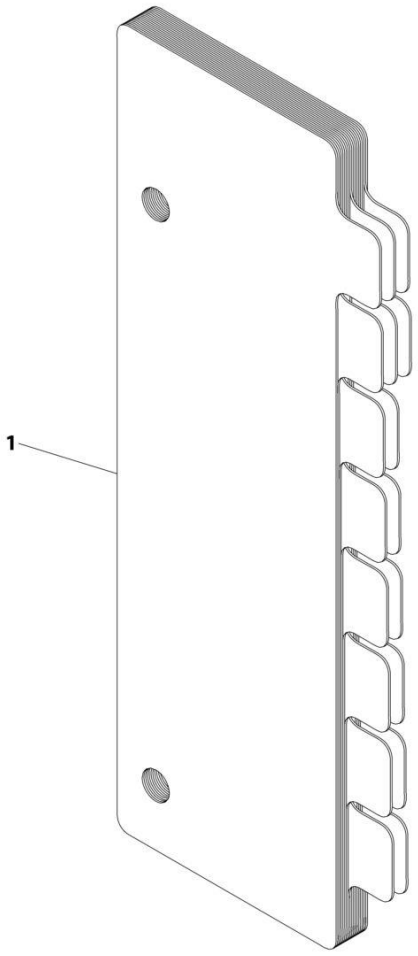


ART_1001229708-B

FIGURE 11-11. CLEARSKY DECALS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229708	Ref	Clearsky Decal Installation	C
1	1001294815	1	Decal - ClearSky	
2	1001120989	1	Radio Frequency Decal	

FIGURE 11-12. LOAD CHART BOOKLET (ANSI)

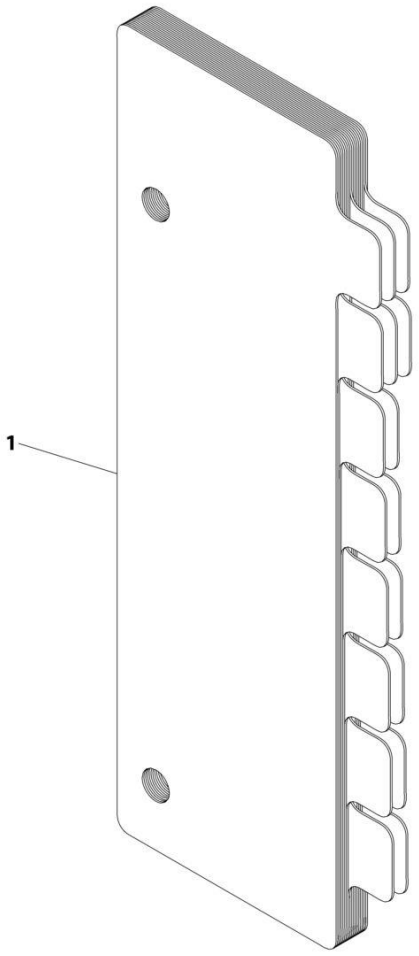


ART_1001211871

FIGURE 11-12. LOAD CHART BOOKLET (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001211871	1	Capacity Chart (ANSI)	

FIGURE 11-13. LOAD CHART BOOKLET (ISO)



ART_1001211872

FIGURE 11-13. LOAD CHART BOOKLET (ISO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001211872	1	Capacity Chart (ISO)	

FIGURE 11-14. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH)

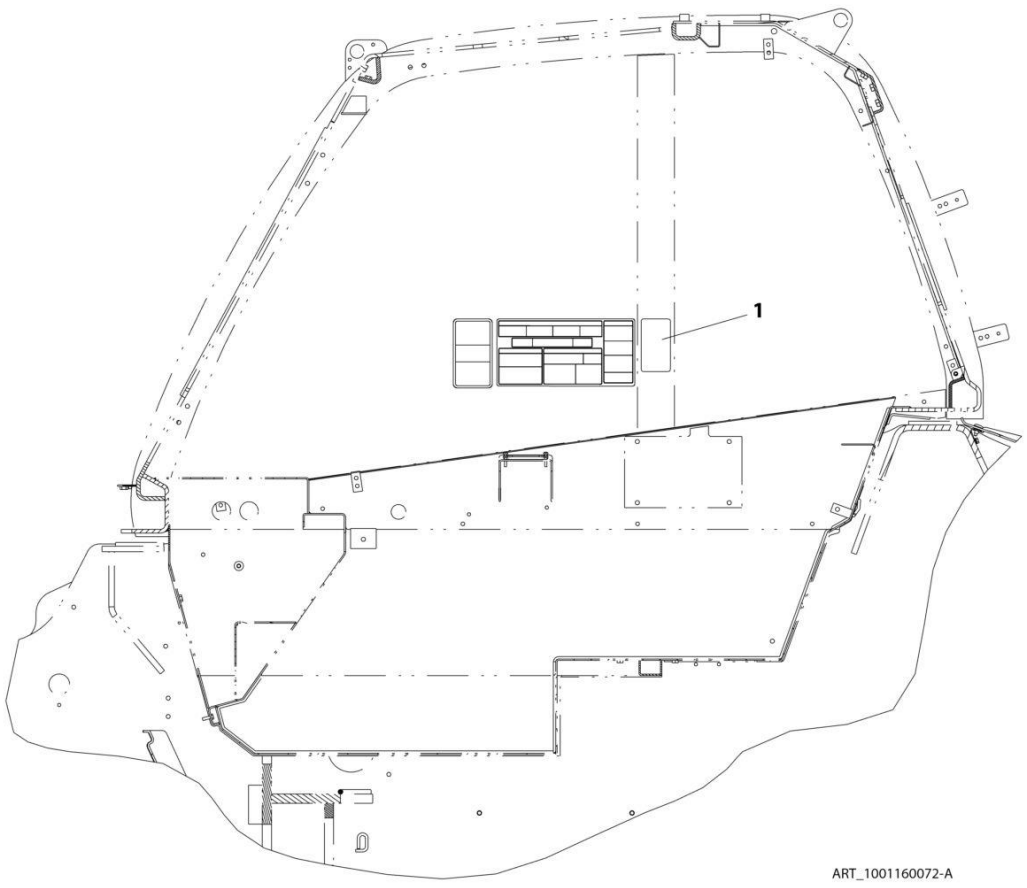


FIGURE 11-14. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001160072	1	Reverse Sensor System Decal (English)	A

FIGURE 11-15. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH/FRENCH)

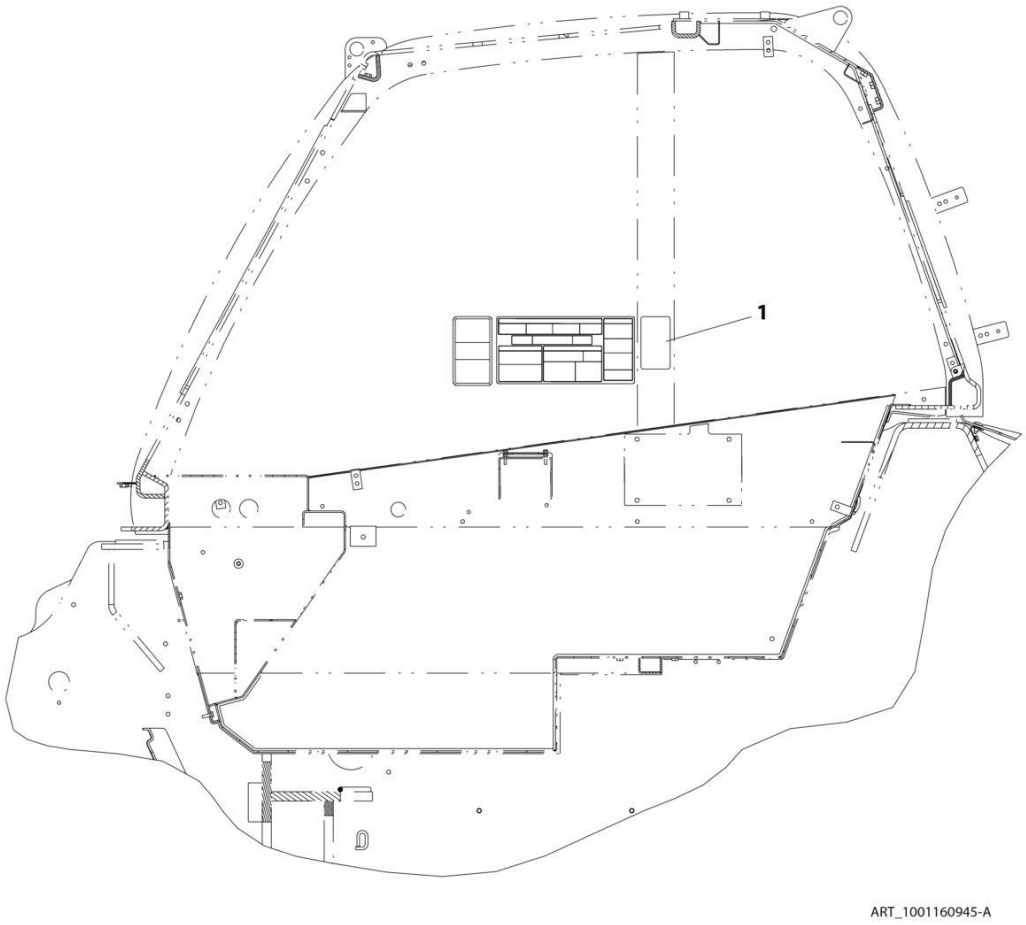


FIGURE 11-15. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH/FRENCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001160945	1	Reverse Sensor System Decal (ENGLISH/FRENCH)	A

FIGURE 11-16. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH/SPANISH)

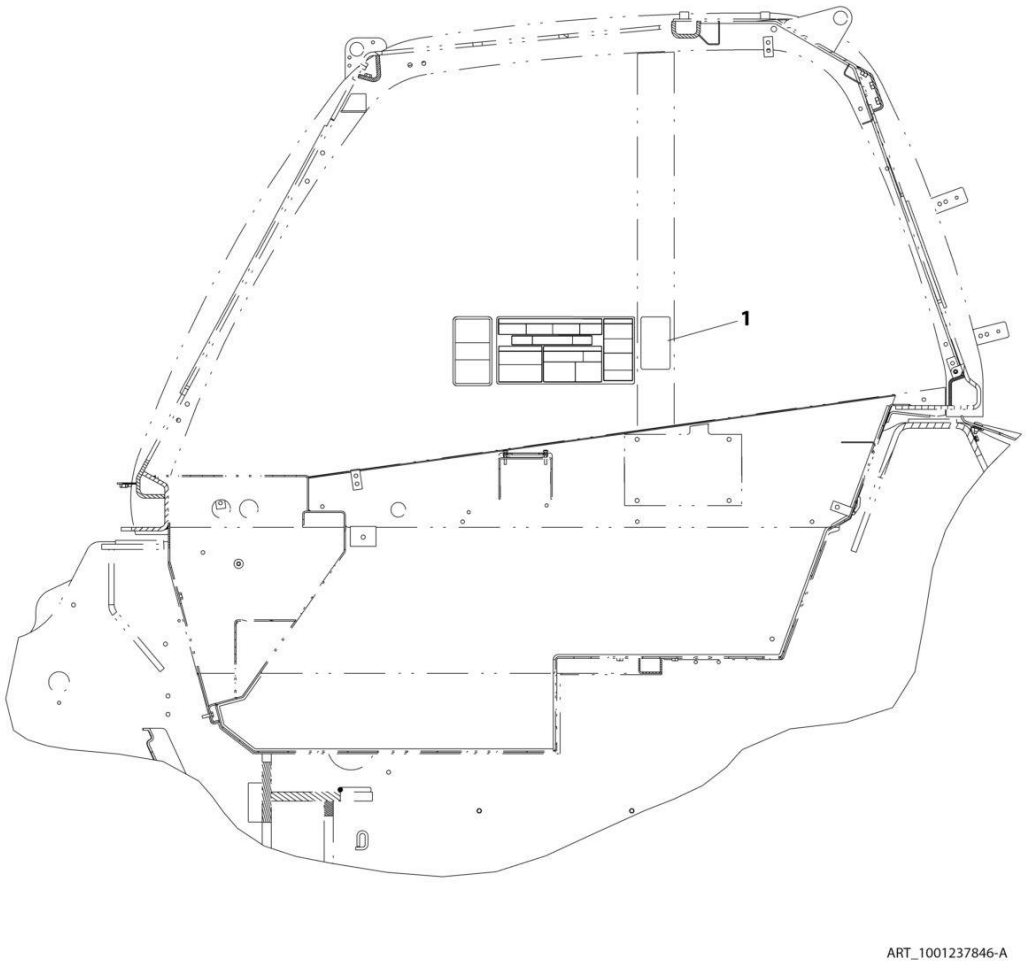


FIGURE 11-16. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH/SPANISH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001237846	Ref	REVERSE SENSOR SYSTEM DECAL (ENGLISH/SPANISH LANGUAGES)	A

FIGURE 11-17. REVERSE SENSING SYSTEM DECAL INSTALLATION (ISO)

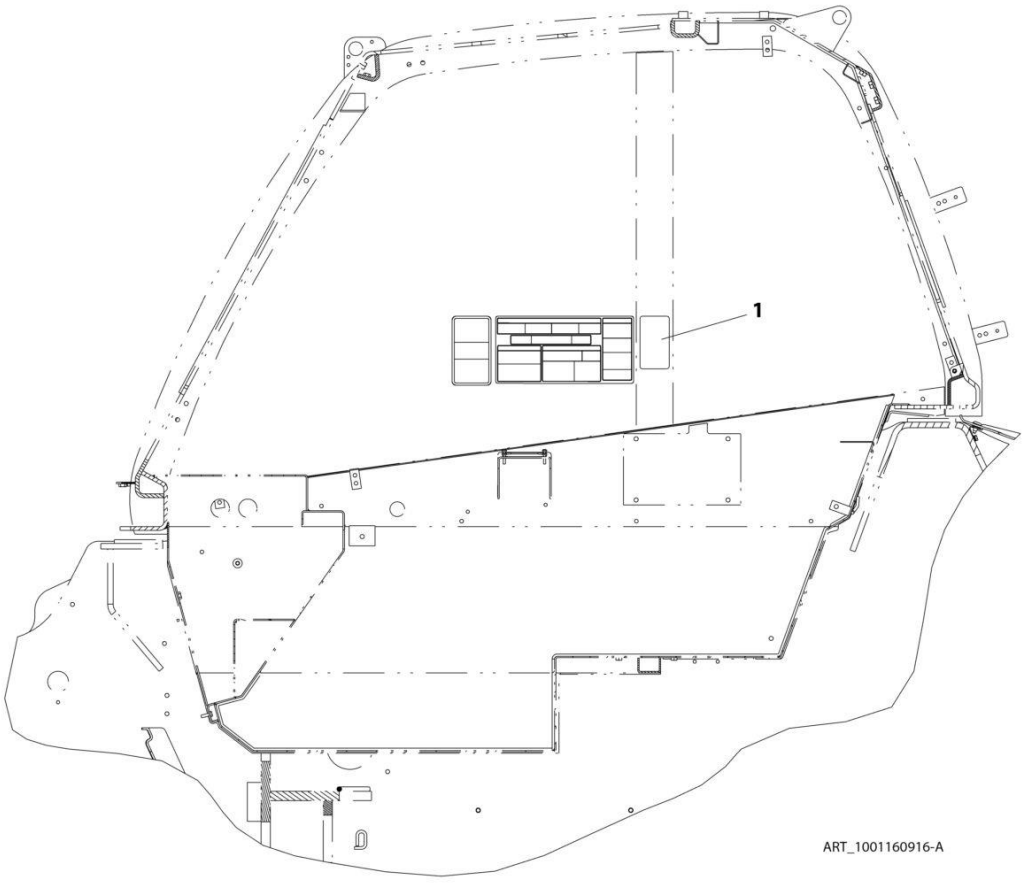


FIGURE 11-17. REVERSE SENSING SYSTEM DECAL INSTALLATION (ISO)

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.	
	7139077	1	Breather (Hydraulic Tank)	
	70026085	1	Coil (Secondary Valve)	
	7029246	1	Coil, Solenoid (Stabli-Trak)	
	1001203181	1	Control, Accessory (ASOV)	
	1001210703	1	Control, Cab	
	1001247421	1	Control, Reverse Sensor	
	1001173581	1	Controller, Auxiliary (Secondary Controls)	
	1001173582	1	Controller, Frame Level	
	1001158002	1	Controller, Pilot Joystick	
	1600429	1	Controller, Transmission	
	8223073	1	Controller, Turn Signal	
	1001199205	12	Element, Filter (Hydraulic Tank)	
	8229261	2	Fuse, 5A (ASOV, Cab Distribution Harness)	
	8229233	2	Fuse, 7.5A (Cab Distribution Harness)	
	8229234	2	Fuse, 10A (ASOV, Cab Distribution Harness)	
	8229237	2	Fuse, 15A (Cab Distribution Harness)	
	8229235	2	Fuse, 20A (ASOV & Cab Distribution Harness)	
	8229238	2	Fuse, 40A (Cab Distribution Harness)	
	1001118245	2	Fuse, 250A (Relay Panel)	
	1001129285	2	Fuse, Mini Diode (Cab Distribution Harness)	
	1001127699	2	Fuse, Power Module (Relay Panel)	
		Ref	Engine - 74HP ULS	
	70025852	12	Filter, Air Cylindrical Primary	
	70025853	12	Filter, Air Cylindrical Secondary	
	70026234	12	Filter, Fuel Primary	
	70026453	12	Filter, Fuel Secondary	
	70026237	12	Filter, Oil	
	8229242	2	Fuse, 5A	
		Ref	Engine - 110HP LS	
	70025852	12	Filter, Air Cylindrical Primary	
	70025853	12	Filter, Air Cylindrical Secondary	
	1001133534	12	Filter, Fuel	
	70026234	12	Filter, Fuel Primary	
	70026801	12	Filter, Fuel Secondary	
	70026237	12	Filter, Oil	
	8229242	2	Fuse, 5A	
	8229244	2	Fuse, 15A	
	1001095704	1	Relay	
		Ref	Engine - 110HP ULS	
	1101312	12	Filter, Air Primary	
	1101313	12	Filter, Air Secondary	
	70026234	12	Filter, Fuel Primary	
	70026453	12	Filter, Fuel Secondary	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70026237	12	Filter, Oil	
	8035807	1	Key (Ignition Switch)	
	70021948	1	Key, Cab Door	
	2940074	1	Latch (Fork Mounted Basket)	
	1001228954	1	Module (ClearSky - CE)	
	1001262322	1	Module (Clearsky)	
	1001233236	1	Module, 3W TCU (Clearsky - CE)	
	1001226328	1	Module, 3W TCU (Clearsky)	
	70026986	1	Relay, 12V 30/40A (Heater & AC)	
	1001186417	1	Relay, 150 Amp (Relay Panel)	
	3740080	1	Relay (ASOV)	
	1001205172	1	Relay, Micro 280, 12V, 35 Amp (Cab Distribution Harness)	
	1001184316	1	Relay, Power Module (Relay Panel)	
	1001130307	1	Sensor, Boom	
	1001245478	1	Sensor, Coolant Level (ULS Engines De-Aeration Tank)	
	1001145026	1	Sensor, Fuel (Fuel Tank)	
	1001250700	1	Sensor, Pressure (Electrical Installation)	
	70026854	1	Sensor, Pressure (Heater & AC)	
	1001169077	1	Sensor, PRS Temperature (ULS Engines Air Cleaner)	
	1001215941	1	Switch (ASOV)	
	8223038	1	Switch, Beacon	
	8223025	1	Switch, Brake Lights (Roadlight Package)	
	8223060	1	Switch, Hazard (Roadlight Package)	
	7138878	1	Switch, Horn	
	4360690	1	Switch, Ignition	
	8223054	1	Switch, Park Brake	
	8223037	1	Switch, Steer Select	
	8223044	1	Switch, Windscreen Washer (Enclosed Cab)	
	8223043	1	Switch, Windscreen Wiper (Enclosed Cab)	
	8223059	1	Switch, Work Light (Roadlight Package)	

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	
	1001273266	Ref	Accelerator Extension Harness (for Accelerator 1001264554) (Note: Verify cab power harness version before purchasing)	
	1001273267	Ref	Accelerator Extension Harness (for Accelerator 1001180555) (Note: Verify cab power harness version before purchasing)	
	1001243577	Ref	Access Control Kit	
	1001214788	Ref	Aftermarket Kits	P
	1001195606	Ref	Anti-Stall kit	
	1001239455	Ref	Backup Camera Kit	
	1001109532	Ref	Baffle Kit	
	1001214398	Ref	Battery Disconnect Kit	
	1001126387	Ref	Bearing Retainer Kit	
	1001171117	Ref	Brake Valve Fittings Kit	
	8024032	Ref	Boom Chain Kit - Extend	
	8024033	Ref	Boom Chain Kit - Retract	
	7131633	Ref	Boom Pivot Replacement Kit (LH)	
	7131643	Ref	Boom Pivot Replacement Kit (RH)	
	2915208	Ref	Boom Pivot Replacement Kit	
	2910995	Ref	Boom Wear Pads Kit	
	1001167009	Ref	Brake Inlet Pressure Kit	
	1001201455	Ref	Cab A/C Kit	
	1001202258	Ref	Cab Door Bumpers Kit	
	1001280231	Ref	Cab Door Window Kit	
	1001154226	Ref	Cab Cooler Vent Kit	
	1001201453	Ref	Cab Enclosure Kit	
	1001193427	Ref	Cab Enclosure Kit with Heater	
	1001193428	Ref	Cab Enclosure Kit with HVAC	
	1001201456	Ref	Cab Heater Kit	
	1001201454	Ref	Cab HVAC Kit	
	1001162831	Ref	Cab Window Dropout Kit (ANSI)	
	1001162832	Ref	Cab Window Dropout Kit (English/French)	
	1001162833	Ref	Cab Window Dropout Kit (ISO)	
	1001268341	Ref	Camera Kit - Multi-View Rear	
	1001141603	Ref	Chassis Pivot Tower Kit	
	1001243183	Ref	ClearSky Telematics Kit - Canbus (North America)	
	1001243184	Ref	ClearSky Telematics Kit - Canbus (CE)	
	1001276923	Ref	ClearSky Telematics Add-on Kit (Contact JLG for Approved Countries)	
	1001291397	1	ClearSky Plug Adhesive	
	1001238933	Ref	Cold Weather Kit (ULS)	
	1001242195	Ref	Cold Weather Kit (LS)	
	1001262153	Ref	Decal Kit	
		Ref	Electrical Connector Kits	
	1001148902	Ref	Amp/Tyco Electrical Connectors	
	1001148903	Ref	Deutsch DT Electrical Connectors	
	1001148904	Ref	Deutsch HD Electrical Connectors	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001148905	Ref	Packard Electrical Connectors	
	1001148906	Ref	Various Electrical Connectors	
	1001196127	Ref	Engine FAPL - 74HP ULS	
	1001165489	Ref	Engine FAPL - 110HP ULS	
	1001166034	Ref	Engine FAPL - 110HP LS	
	1001177168	Ref	Engine Removal Brackets Kit	
	1001258227	Ref	Fender Kit	
	1001199737	Ref	Filter Kit - 500Hour	
	1001199738	Ref	Filter Kit - 1000Hour	
	1001193364	Ref	Fire Extinguisher Kit	
	1001239988	Ref	Fire Extinguisher Kit	
	1001203742	Ref	Frame Leveling/Tilt Kit	
	1001224160	Ref	Hydraulic Circuit FAPL	C
	1001253916	Ref	Latch Catch Kit (ANSI)	
	1001201459	Ref	Lights - Beacon Lights Kit	
	1001201458	Ref	Lights - Roadlights Kit (Safim Brakes)	
	1001213944	Ref	Lights - Roadlights Kit (Eaton Brakes)	
	1001238893	Ref	Lights - Worklight Kit (LED)	
	1001188068	Ref	Luk Coupler Kit	
	1001253829	Ref	Reverse Sensing System Kit	
	1001130717	Ref	Service Kits	Z
	1001265373	Ref	Skytrak Telematics Harness Kit	
	1001196630	Ref	Steer Kit - Orbital	
	1001274718	Ref	Tire Kit (Set of 4) Solid 13x24 Directional	
	1001248570	Ref	Tire Kit (Set of 4) G2 13x24 Foam-Filled	
	1001248571	Ref	Tire Kit (Set of 4) G2 13x24 Pneumatic	
	1001274257	Ref	Tire Kit (Set of 4) Solid 13x28 Directional	
	1001274302	Ref	Tire Kit (Set of 4) Solid 13x28 Non-Directional	
	1001274721	Ref	Tire Kit (Set of 4) Solid 14x24 Directional	
	1001274305	Ref	Tire Kit (Set of 4) Solid 14x28 Directional	
	1001274307	Ref	Tire Kit (Set of 4) Solid 14x28 Non-Directional	
		Ref	Tools for Service	
	1001249695	Ref	Analyzer and Cable Kit	
	1001249941	Ref	Analyzer and Cable Kit (Battery Powered)	
	70022871	Ref	Counter Support, ZF Transmission	
	7002821	Ref	Crimper, Wire	
	70023174	Ref	Eye Bolt Assortment, ZF Transmission	
	70022872	Ref	Internal Extractor, 45-58mm, ZF Transmission	
	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)	
	1001281475	Ref	Quick Oil Drain Valve	
	7016654	Ref	Screwdriver, Magnetic	
	7002822	Ref	Screwdriver, Potentiometer	
	7004275	Ref	Seal Tool 1in (For Cylinders)	
	7004276	Ref	Seal Tool 1-1/2in (For Cylinders)	
	70026448	Ref	Spanner Wrench	
	7002828	Ref	Stripper, Wire	
	70010239	Ref	Two-Armed Puller, 160-150mm, ZF Transmission	

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001116482	Ref	Transmission Shift Kit - 3SPD ZF	
	1001262436	Ref	Turf Tire Kit	
	1001262959	Ref	Voltage Regulator Relocation Kit (for ClearSky)	
	1001200204	Ref	White Noise Alarm Kit	
	1001213885	Ref	White Noise Alarm Kit	

PART NUMBER INDEX

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

0100009 .603, 605, 633, 635
0100011 ..31, 109, 113, 117, 177, 181, 185, 189, 191, 461, 489, 501, 503, 603, 605
0100019 .....17, 21, 25
01043892..... 203, 575
0140011 ..... 669, 673
0240156 143
0400075 573
0630464 ..... 401, 415
0641403 ..... 217, 417
0641404 .....550, 554, 558
0641405 .....79, 205, 207
0641406 565
0641407 69
0641410 ..... 665, 673
0641415 663
0641507 223
0641508 ..... 205, 207
0641509 ..... 205, 207
0641510 .....17, 21, 25, 173
0641511 ..... 177, 185
0641512 641
0641520 .....52, 639, 651
0641605 .....550, 554, 558
0641607 .....223, 225, 227
0641608 ..... 181, 227
0641609 235
0641612 235
0641614 ..... 205, 207
0641618 ..17, 21, 25, 33, 35, 37, 39, 41
0641620 ..... 567, 673
0641632 567
0641636 417
0641652 417
0642032 107, 109, 111, 113, 117, 119
0642216 .....17, 21, 25
0642640 ..... 287, 317
0681810 .....109, 113, 117
0682648 .....17, 21, 25
0700610 692, 696, 700, 704, 708, 712, 716, 720, 724
0700614 .....173, 641, 651
0700617 ..... 421, 423
0700812 225
0700822 423
0700827 ..... 189, 191
0700828 ..... 421, 461
0701026 ..... 229, 231
0701216 233
0701219 .....223, 225, 227
0711214 177, 181, 185, 189, 223, 225, 227
0711219 .....177, 181, 185
0711227 .....177, 181, 185
0711627 .....177, 181, 185
0711628 .....177, 181, 185
0721004 451
0741408 69
0741610 .....109, 113, 117
0760405 89, 91, 95, 97, 101, 109, 113, 115, 117
0760505 ..... 69, 451
0760605 ..... 177, 185
0760608 ..... 233, 235
0760610 ..... 37, 217
0760614 181
0760810 .... 39, 41, 181, 197, 225, 227
0760812 ..... 223, 225, 347
0760815 199
0761010 55
0761012 ..... 233, 237
0761014 181
0761017 ..... 89, 91
0761212 ..... 550, 554, 558
0771618 ..... 177, 181, 185
0791606 31
0860520 79
0930020 99
1001003174 579
1001003590 505
1001004720 ... 209, 211, 673
1001008559 593
1001008742 ..... 401, 415
1001081049 .. 378, 382, 390, 394, 401, 404, 408, 415
1001081241 417
1001081242 417
1001081243 ..... 401, 415
1001081246 417
1001081247 417
1001081266 417
1001081310 ..... 453, 455
1001090140 ... 109, 113, 117
1001091102 ..... 603, 605
1001091751 687
1001092481 73
1001092482 73
1001092877 ... 704, 720, 724
1001092878 ... 704, 720, 724
1001093171 147
1001093273 143
1001093377 ..... 143, 153
1001093465 143
1001093564 571
1001094312 417
1001094330 143
1001094696 677
1001094787 ..... 17, 21, 25
1001094830 143
1001095418 115
1001095650 ..... 67, 69, 347, 667, 669
1001095704 ..... 624, 744
1001095810 79
1001096019 77
1001096020 77
1001096021 75
1001096023 75
1001096024 77
1001096025 75
1001096404 .. 692, 696, 700, 704, 708, 712, 716, 720, 724
1001097051 593
1001097079 657
1001097080 655
1001097205 147
1001097735 53
1001098769 ..692, 696, 700, 704, 708, 712, 716, 720, 724
1001099113 ...109, 113, 117
1001099115 ...109, 113, 117
1001099351 87
1001099699 451
1001099976 ..357, 359, 361, 363, 373
1001100082 451
1001100227 153
1001100228 157
1001100229 155
1001100265 95
1001100266 97
1001100267 101
1001100284 ...357, 361, 373
1001100323 361
1001100822 95
1001100823 97
1001100824 101
1001100967 85
1001101115 .....153, 157
1001101116 .....153, 155
1001101845 53
1001102844 ..378, 382, 390, 394, 404, 408
1001105886 677
1001107589 473
1001108524 245
1001108575 417
1001108668 150
1001109053 ..692, 696, 700, 704, 708, 712, 716, 720, 724
1001109478 .....401, 415
1001109532 748
1001110704 115
1001111112 .....401, 415
1001111190 .....115, 150
1001112612 ..561, 578, 583, 591, 593, 683
1001112796 ...591, 593, 683
1001114495 .....209, 211
1001114675 ..692, 696, 700, 704, 708, 712, 716, 720, 724
1001114867 ..378, 382, 390, 394, 404, 408
1001116482 750
1001116692 ...614, 625, 683
1001116693 ...583, 584, 683
1001116694 683
1001116710 .....580, 584
1001116711 .....580, 584
1001116712 ...580, 584, 653
1001116720 685
1001116723 629
1001116726 .....579, 584
1001116727 ..579, 593, 612, 617, 622, 623, 624
1001116728 ..593, 612, 613, 614, 617, 618, 623, 625, 631, 671
1001116729 ..612, 617, 622, 659
1001116731 591
1001116732 ..... 613, 619
1001116734 ... 613, 619, 625
1001116736 ..... 629, 675
1001116745 .. 612, 617, 622, 671
1001116747 ... 579, 584, 637
1001116748 .. 613, 618, 623, 624
1001116751 629
1001116757 .. 612, 613, 617, 618, 623
1001116758 .. 612, 613, 617, 618, 623
1001116774 .. 563, 578, 583, 683
1001116808 .. 563, 578, 583, 683
1001116812 .. 563, 578, 583, 593, 683
1001116815 ..... 563, 591
1001116945 561
1001116950 ... 614, 619, 625
1001117021 .. 593, 614, 618, 625, 631, 637, 671
1001117026 ... 593, 659, 671
1001117059 629
1001117068 ... 612, 617, 622
1001117070 ... 613, 619, 625
1001117079 675
1001117080 629
1001117081 685
1001117103 ... 614, 619, 624
1001117111 ... 614, 619, 625
1001117119 .. 578, 579, 583, 584
1001117125 ... 614, 618, 625
1001118245 ..... 663, 744
1001118378 ... 563, 578, 583
1001118390 625
10011184495 679
1001119004 ... 613, 618, 623
1001119278 571
1001119610 499
1001120083 197
1001120869 ..... 205, 207
1001120914 ... 109, 113, 117
1001120915 ... 109, 113, 117
1001120989 729
1001121101 ..... 357, 373
1001121726 ..... 579, 584
1001121728 ..... 579, 584
1001121730 .. 579, 614, 619, 624
1001125027 .. 614, 618, 625, 629
1001125083 624
1001125085 624
1001125089 624
1001125387 .. 692, 708, 720, 724
1001125677 593
1001125784 ..... 578, 583
1001125785 ..... 578, 583
1001126008 .. 563, 578, 583, 584, 593
1001126351 617
1001126353 617

1001126356 617
1001126387 748
1001126391 623
1001126393 623
1001126484 625
1001126487 625
1001127066 685
1001127699 ..... 663, 744
1001127700 663
1001127784 ..... 279, 283
1001127864 .. 31, 33, 35, 37, 39, 41
1001127867 31
1001128341 ..... 205, 207
1001128363 223
1001128364 223
1001128594 ... 179, 183, 187
1001128714 223
1001128890 83
1001128901 223
1001129285 ..... 580, 744
1001129407 589
1001129615 663
1001130307 .. 550, 554, 558, 745
1001130717 749
1001131271 .. 692, 696, 700, 704, 708, 712, 716, 720, 724
1001133173 617
1001133534 ..... 235, 744
1001134488 ..... 205, 207
1001135770 661
1001135777 661
1001136358 ..... 233, 235
1001136975 .. 209, 211, 233, 235
1001137512 141
1001138642 617
1001138643 617
1001138645 181
1001139319 33
1001139578 ..... 692, 708
1001139942 ... 704, 720, 724
1001141603 748
1001142452 .. 704, 708, 712, 716, 720, 724
1001143551 563
1001143852 704
1001144147 ... 563, 591, 683
1001144629J 79
1001145026 ..... 43, 47, 745
1001145707 ..... 613, 619
1001146160 83
1001148177 .. 692, 696, 700, 704, 708, 712, 716, 720, 724
1001148902 748
1001148903 748
1001148904 748
1001148905 749
1001148906 749
1001149227 .. 385, 387, 401, 415
1001149712 ... 578, 583, 591
1001151097 369
1001151098 369
1001151106 369
1001153912 213
1001154055 347
1001154226 748
1001154375 673
1001154511 ..... 185, 187
1001154790 ..... 181, 183
1001155921 53
1001155924 52
1001156283 ..... 33, 37, 39
1001157102 485
1001157275 727
1001157277 727
1001157663 ..... 189, 191
1001157890 ... 563, 578, 579, 583, 584, 614, 625
1001157891 ..... 629, 675
1001158002 .... 483, 533, 744
1001158004 ..... 481, 483
1001158040 497
1001158041 465
1001158046 493
1001158089 387
1001158090 399
1001158091 413
1001158272 ..... 692, 708
1001158319 ..... 692, 708
1001158320 .... 704, 720, 724
1001158321 .... 704, 720, 724
1001158357 485
1001158398 481
1001158404 ..... 421, 423
1001158527 487
1001158528 ..... 485, 487
1001158786 ..... 477, 481
1001159186 ... 578, 579, 583, 584
1001159319 .... 35, 37, 39, 41
1001159844 .... 421, 423, 437
1001159850 ..... 390, 394
1001159851 ..... 404, 408
1001159856 .... 401, 415, 429
1001159860 ..... 401, 435
1001159861 ..... 415, 431
1001159878 ... 378, 382, 390, 394, 404, 408
1001159932 227
1001160071 439
1001160072 735
1001160116 .... 177, 181, 185
1001160250 ..... 17, 21, 25
1001160782 227
1001160785 ..... 401, 415
1001160787 441
1001160788 ... 385, 387, 397, 399, 411, 413
1001160789 .... 387, 399, 413
1001160790 ... 385, 387, 397, 399, 411, 413
1001160791 ... 385, 387, 397, 399, 411, 413
1001160815 ..... 385, 387
1001160844 227
1001160845 185
1001160912 445
1001160916 741
1001160945 737
1001161212 633
1001161213 635
1001161920 ... 177, 181, 185
1001162212 217
1001162734 .. 692, 696, 700, 704, 708, 712, 716, 720, 724
1001162735 .. 692, 696, 700, 704, 708, 712, 716, 720, 724
1001162736 .. 692, 696, 700, 704, 708, 712, 716, 720, 724
1001162804 .. 439, 441, 443, 445
1001162806 439
1001162831 748
1001162832 748
1001162833 748
1001163174 ..... 696, 712
1001163206 ..... 696, 712
1001163210 ..... 696, 712
1001163212 ..... 696, 712
1001163222 ..... 696, 712
1001163285 ..... 696, 712
1001163300 ..... 696, 712
1001163304 ..... 696, 712
1001163323 ..... 696, 712
1001163355 ..... 696, 712
1001163414 .. 109, 113, 117, 511
1001163685 503
1001164096 415
1001164099 415
1001164196 421
1001164282 401
1001164284 401
1001164404 227
1001164717 ..... 401, 415
1001165057 ..... 17, 21, 25
1001165194 623
1001165275 417
1001165276 417
1001165489 749
1001165517 ... 177, 181, 185
1001165518 ... 177, 181, 185
1001165583 ... 387, 399, 413
1001165609 227
1001165617 .. 385, 387, 397, 399, 411, 413
1001165660 ... 177, 181, 185
1001165668 231
1001165669 197
1001165670 207
1001165672 233
1001165673 209
1001165675 215
1001165806 ... 401, 415, 417
1001165818 197
1001165823 ... 397, 399, 401
1001166008 191
1001166010 279
1001166034 749
1001166069 39
1001166109 708
1001166110 712
1001166111 704
1001166229 237
1001166238 ..... 17, 25
1001166556 623
1001166566 ..... 193, 197
1001166693 227
1001166704 ..... 624, 625
1001166715 199
1001166935 ... 223, 225, 227
1001166976 227
1001167009 748
1001167167 227
1001167168 227
1001167250 441
1001167251 445
1001167357 ..... 189, 191
1001167528 625
1001167617 624
1001167620 622
1001167624 622
1001167641 ..... 613, 624
1001167643 ..... 613, 624
1001167644 ..... 613, 624
1001167646 ..... 613, 624
1001167647 ..... 613, 624
1001167648 ..... 613, 624
1001167649 ..... 613, 624
1001167650 ..... 613, 624
1001168051 197
1001168052 197
1001168053 197
1001168066 ... 411, 413, 415
1001168451 503
1001168478 ..... 207, 241
1001168822 185
1001168859 219
1001169001 217
1001169006 .. 33, 35, 37, 39, 41
1001169057 ... 223, 225, 227
1001169059 ..... 205, 207
1001169077 ..... 197, 745
1001169172 ..... 39, 41
1001169271 209
1001169272 ..... 209, 211
1001169274 ..... 209, 211
1001169329 ..... 25, 45
1001169466 ..... 21, 45, 47
1001169620 ..... 558, 622
1001169787 417
1001169816 685
1001170117 ..... 205, 207
1001170186 ..... 205, 207
1001170230 663
1001170233 .. 550, 554, 558, 663
1001170234 .. 550, 554, 558, 661
1001170235 661
1001170316 517
1001170329 ..... 43, 47
1001170738 .. 378, 382, 390, 394, 404, 408
1001170856 45
1001171117 748
1001171188 497
1001171190 493
1001171191 495

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001171193..... 495
1001171194..... 495
1001171234....550, 554, 558
1001171236....550, 554, 558
1001171237....550, 554, 558
1001171238....550, 554, 558
1001171239....550, 554, 558
1001171384.....33, 37, 39
1001171385...33, 35, 37, 39, 41
1001171472..... 217
1001171473..... 217
1001171474..... 217
1001171633....550, 554, 558
1001171757....550, 554, 558
1001171786..... 485
1001171802..... 233
1001171803..... 233
1001171805..... 233, 235
1001171806....404, 408, 421
1001171807....390, 394, 423
1001171873..... 491
1001171986..... 491
1001172135..... 558
1001172136..... 558
1001172537..... 421, 423
1001172561..... 421, 423
1001172658.....17, 21, 25
1001172784..... 467
1001173177..... 485
1001173217..... 421, 423
1001173257..... 639, 651
1001173422...704, 708, 712, 720
1001173535..... 181, 217
1001173581..... 461, 744
1001173582..... 461, 744
1001173841..... 495
1001174152....708, 712, 716
1001174227.....17, 21, 25
1001174327....223, 225, 227
1001174340..... 461
1001174375..... 501
1001174822..... 231
1001175568..... 233, 235
1001175733..... 671
1001176002..... 622
1001176004..... 622
1001176337...641, 643, 645, 655, 657
1001176515..... 81
1001176935..... 624, 625
1001177168..... 749
1001177190.....17, 21, 25
1001177192.....17, 21, 25
1001177198....580, 584, 653
1001177746....401, 415, 417
1001177753..... 489
1001178224..... 467
1001178346..... 641, 675
1001178347...390, 394, 404, 408, 629
1001178349....401, 415, 685
1001178582..... 205, 207
1001178776.....43, 47, 205, 207, 235
1001179229..... 421, 423
1001179375..... 233
1001179845..... 205, 207
1001180175..... 696, 712
1001180176..... 696, 712
1001180227..... 225
1001180244..... 237
1001180473... 177, 181, 185
1001180762.. 18, 22, 26, 523
1001180763..... 53, 521
1001181584..... 205, 207
1001181585..... 205, 207
1001181707..... 401, 415
1001181893..... 401, 415
1001181899.. 215, 550, 554, 558
1001181903..... 401, 415
1001181956..... 378
1001181968..... 401, 415
1001182091.. 379, 383, 401, 415, 595, 633
1001182094..... 233
1001182135..... 417
1001182255... 205, 207, 213
1001182408..... 417
1001182470... 401, 415, 455
1001182514..... 417
1001182603..... 233
1001182663..... 417
1001182723..... 421
1001182798..... 421
1001182800..... 417
1001182808..... 417
1001182810..... 417
1001182842..... 417
1001182865..... 417
1001182871..... 417
1001182882..... 417
1001182883..... 417
1001182884..... 417
1001183084..... 417
1001183104..... 417
1001183164.. 378, 382, 390, 394, 405, 408
1001183209..... 417
1001183341..... 459
1001183370..... 479
1001183811..... 227
1001184316..... 663, 745
1001184491..... 679
1001184493..... 679
1001184496..... 679
1001184835... 550, 558, 679
1001185071..... 237
1001185649..... 225
1001185650..... 181
1001185651..... 199
1001185652..... 211
1001185776..... 390
1001185777..... 404
1001186373..... 177, 185
1001186417..... 663, 745
1001186490..... 235
1001186536..... 37
1001186718..... 181
1001186841.. 550, 554, 558, 573
1001187078..... 563
1001187512 624
1001187513 624
1001187952 .....580, 584
1001188068 749
1001189017 ..692, 696, 700, 704, 708, 712, 716, 720, 724
1001189318 211
1001189327 ..692, 696, 700, 704, 708, 712, 716, 720, 724
1001189488 .....554, 617
1001189596 .18, 22, 26, 515
1001189602 211
1001189712 211
1001189715 211
1001189871 673
1001189875 ..612, 613, 617, 618, 623
1001189877 .....617, 624
1001189886 ...669, 671, 673
1001190005 199
1001190007 21
1001190183 199
1001190295 189
1001190341 ..33, 35, 37, 39, 41
1001190344 235
1001190349 235
1001190370 235
1001190371 235
1001190372 235
1001190629 235
1001190630 235
1001190631 235
1001190962 225
1001190990 225
1001191635 ..692, 696, 700, 704, 708, 712, 716, 720, 724
1001191994 ..692, 696, 700, 704, 708, 712, 716, 720, 724
1001192049 .....580, 584
1001192050 .....580, 584
1001192134 181
1001192390 ..33, 35, 37, 39, 41
1001192401 ...614, 619, 625
1001192711 173
1001192720 173
1001192875 173
1001192876 173
1001192877 173
1001193364 749
1001193427 748
1001193428 748
1001193540 173
1001193729 173
1001194421 687
1001194592 503
1001194620 467
1001194745 467
1001195055 ...614, 619, 625
1001195057 .....614, 619
1001195087 ..614, 619, 624, 625
1001195606..... 748
1001195760... 578, 579, 583
1001195826..... 17, 21, 25
1001195913..... 595
1001195952..... 17, 21, 25
1001195970..... 93
1001196109..... 489
1001196124..... 177
1001196125..... 223
1001196127..... 749
1001196128..... 401, 415
1001196392..... 475
1001196396..... 223
1001196397..... 223
1001196630..... 749
1001196634..... 601
1001196636..... 584
1001196665..... 177, 179
1001196736..... 229
1001196737..... 205
1001196806.. 708, 712, 716, 720
1001197098..... 401, 415
1001197099... 401, 415, 417
1001197233... 181, 185, 189
1001197475..... 205, 239
1001198355..... 173
1001198684..... 503
1001198728..... 567
1001199116..... 43, 47
1001199135..... 43, 47
1001199136..... 43, 47
1001199177..... 43, 47
1001199181..... 43, 47
1001199199..... 47
1001199205..... 43, 47, 744
1001199210..... 43, 47
1001199670..... 217
1001199737..... 749
1001199738..... 749
1001199889..... 550, 612
1001199951..... 217
1001200204..... 750
1001200833..... 578, 583
1001200845..... 580, 584
1001201111..... 233, 235
1001201453..... 748
1001201454..... 748
1001201455..... 748
1001201456..... 748
1001201458..... 749
1001201459..... 749
1001201554..... 17, 21, 25
1001201569..... 25
1001201570..... 21
1001201658.. 378, 382, 391, 394, 405, 408
1001201691..... 17, 21, 25
1001201721..... 537, 539
1001201734..... 479
1001201737..... 479
1001201738..... 479
1001201752..... 641, 651
1001201831..... 197
1001201885..... 687
1001201935..... 558
1001201936..... 554

1001201945 ..... 209, 211
1001201983 209
1001201991 467
1001202189 ... 385, 397, 411
1001202202 ... 385, 397, 411
1001202247 201
1001202258 748
1001202304 201
1001202384 495
1001202615 ..... 385, 387
1001202626 ... 692, 696, 724
1001202627 .. 692, 696, 700, 704, 720, 724
1001202746 ... 385, 397, 411
1001202904 .. 159, 161, 163, 165, 167, 169, 171
1001203181 ..... 201, 744
1001203503 173
1001203742 749
1001203969 ..... 209, 211
1001203970 209
1001204032 ..... 201, 535
1001204045 53
1001204097 ..... 209, 211
1001204098 ..... 209, 211
1001204099 209
1001204362 ..... 404, 408
1001204692 ..... 665, 673
1001205172 .. 580, 584, 653, 745
1001205248 .. 639, 641, 651, 653
1001205264 ... 639, 641, 651
1001206542 565
1001206543 567
1001206956 201
1001206983 201
1001206985 201
1001207173 569
1001207217 ..... 692, 708
1001207218 ... 704, 720, 724
1001207606 145
1001207963 .. 378, 382, 391, 394, 405, 408
1001208664 ..... 17, 21, 25
1001209097 619
1001210093 479
1001210351 229
1001210703 744
1001210776 ..... 580, 584
1001210777 ..... 580, 584
1001210778 ..... 580, 584
1001210779 ... 580, 584, 585
1001210819 53
1001210859 479
1001210860 479
1001210862 479
1001210863 479
1001211278 ..... 696, 712
1001211516 119
1001211688 181
1001211690 37
1001211697 181
1001211871 731
1001211872 733
1001212331 17
1001212336 33
1001212337 550
1001212341 692
1001212342 696
1001212670 199
1001213199J 355
1001213210 ..... 215, 221
1001213574 567
1001213885 750
1001213938 209
1001213944 749
1001214398 748
1001214788 748
1001215941 ..... 201, 745
1001216291 ..... 35, 41
1001216455 ..... 201, 563
1001218358 563
1001218659 ..... 692, 708
1001219045 479
1001219082 ..... 201, 681
1001219211 ... 696, 700, 704, 712, 716, 720, 724
1001219212 708
1001219895 ..... 681, 683
1001220260 417
1001220492 ... 317, 319, 321, 323, 325, 327, 331
1001220493 ... 317, 333, 335, 337, 339, 341, 345
1001222210 317
1001222214 361
1001222215 357
1001222216 355
1001223050 ..... 459, 537
1001223052 ... 378, 382, 391, 395, 405, 409, 459
1001223453 ... 692, 696, 708, 712
1001224096 217
1001224150 473
1001224152 467
1001224160 749
1001224170 499
1001224242 473
1001224459 ..... 467, 469
1001224460 ..... 467, 471
1001224467 469
1001224471 471
1001225317 347
1001226328 745
1001226400 589
1001226541 591
1001226636 591
1001226637 591
1001226795 473
1001226799 597
1001226856 .... 591, 595, 597
1001227066 589
1001227068 589
1001227077 201
1001227207 41
1001227211 ..... 17, 43
1001227266 589
1001227379 131
1001227382 135
1001227459 595
1001227508 499
1001227636 ..... 469, 471
1001227670 .. 85, 89, 91, 95, 97, 99, 101, 103, 109, 113, 115, 117, 150, 159
1001227964 201
1001228510 35
1001228872 217
1001228954 ..... 597, 745
1001228986 ..... 29, 45
1001229023 219
1001229024 219
1001229025 ..... 215, 219
1001229095 45
1001229117 ..... 215, 217
1001229210 217
1001229708 729
1001229919 287
1001230239 83
1001230241 83
1001230307 ..... 708, 720
1001230309 712
1001230402 563
1001230931 ..... 578, 583
1001231397 ..... 561, 563
1001231398 .. 563, 579, 583, 593, 687
1001231400 .. 561, 563, 579, 583, 593, 687
1001231401 ... 563, 579, 583
1001231402 ... 563, 580, 583
1001231404 .. 561, 563, 580, 583, 593, 687
1001231406 .. 563, 579, 593, 687
1001231560 ..... 201, 561
1001231692 83
1001231801 ..... 692, 709
1001232216 515
1001232355 137
1001232439 ..... 203, 575
1001232500 83
1001232599 ..... 203, 575
1001232624 ..... 203, 575
1001232750 ... 203, 575, 609
1001233174 ..... 665, 667
1001233217 ..... 665, 667
1001233236 745
1001233434 ..... 665, 667
1001233828 665
1001233964 ... 607, 609, 677
1001233976 ... 569, 665, 667
1001234216 ... 571, 607, 609
1001234530 609
1001235725 209
1001235794 ..... 700, 716
1001235796 ..... 700, 716
1001235797 ..... 700, 716
1001235798 ..... 700, 716
1001235799 ..... 700, 716
1001235801 ..... 700, 716
1001235802 ..... 700, 716
1001235803 ..... 700, 716
1001235804 ..... 700, 716
1001235805 ..... 700, 716
1001236312 716
1001236313 700
1001237778 625
1001237846 739
1001237847 639
1001237853 ..... 639, 657
1001237854 ..... 639, 655
1001238111 .. 637, 639, 641, 651
1001238199 .. 639, 641, 651, 659
1001238560 ..... 79, 173
1001238565 ... 73, 75, 77, 79
1001238566 173
1001238570 173
1001238653 73
1001238654 75
1001238655 77
1001238893 749
1001238933 748
1001239250 597
1001239455 748
1001239539 201
1001239734 ... 109, 113, 117
1001239958 607
1001239988 749
1001241305 451
1001241318 227
1001241482 227
1001241838 ..... 359, 363
1001241839 363
1001241840 359
1001241846 363
1001241847 359
1001242035 .. 33, 35, 37, 39, 41
1001242172 ..... 700, 716
1001242173 ..... 700, 716
1001242179 ..... 700, 716
1001242181 716
1001242195 748
1001242644 103
1001242822 716
1001242823 700
1001242916 443
1001242925 ..... 501, 543
1001242996 ..... 52, 63
1001243025 63
1001243026 63
1001243183 748
1001243184 748
1001243219 63
1001243411 ..... 501, 503
1001243412 503
1001243577 748
1001244278 503
1001244302 503
1001244306 489
1001244307 489
1001244308 489
1001244357 477
1001244593 651
1001244594 651
1001244650 461
1001244652 461
1001244653 461
1001244654 461
1001244980 479
1001244982 499
1001245054 ..... 477, 479
1001245057 ..... 477, 485

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001245058..... 485
1001245060..... 465
1001245061..... 465
1001245067..... 475
1001245068..... 475
1001245213..... 287, 317
1001245214..... 287, 317
1001245215..... 287, 317
1001245478..... 213, 745
1001246001..... 353
1001246078..... 700, 716
1001246391..... 614, 625
1001246735..... 385, 411
1001246736....378, 382, 385
1001246737....391, 395, 397
1001246738....405, 409, 411
1001247171..... 503, 505
1001247421....669, 673, 744
1001247465..... 349, 351
1001247514..... 351
1001247515..... 351
1001247516..... 349
1001247517..... 349
1001247654..... 503
1001247759..... 351
1001247760..... 349
1001248570..... 749
1001248571..... 749
1001249695..... 749
1001249941..... 749
1001250700...550, 554, 558, 745
1001251208..... 651
1001251270....641, 643, 651
1001251271....641, 645, 651
1001251401..... 347
1001251402..... 347
1001251403..... 347
1001251426..... 503
1001251494..... 641
1001252968..... 481
1001252969..... 481
1001252970..... 481
1001252971..... 481
1001252986..... 353
1001253829..... 749
1001253916..... 749
1001254099..... 481
1001254386..... 501
1001254411..... 527
1001255901..... 601
1001256320..... 26
1001256519...378, 382, 390, 395, 404, 409
1001257571..... 475
1001258100..... 451
1001258227..... 749
1001258244..... 447
1001258245..... 447
1001258991..... 573
1001259206..... 125
1001259635..... 353
1001260509..... 679
1001262153..... 748
1001262322..... 595, 745
1001262327..... 595
1001262436..... 750
1001262959.....750
1001263591.. 692, 696, 700, 704, 709, 712, 716, 720, 724
1001263821.. 692, 696, 700, 704, 708, 712, 716, 720, 724
1001264534.....665, 667
1001264536.....665, 667
1001264554.. 378, 382, 390, 395, 404, 409
1001264844.....687
1001264861.....687
1001265272.....417
1001265373.....749
1001265679.....665, 667
1001265680.....665, 667
1001265914.. 378, 382, 391, 395, 405, 409
1001265979.....665, 667
1001265980.....665, 667
1001265982.....665
1001265987.....665
1001266488... 382, 395, 409
1001267966.....53, 517
1001267968. 18, 22, 26, 527
1001268341.....748
1001271586.....633, 635
1001272659.....599
1001272715.....55
1001272997.....601
1001273012.....599, 601
1001273266.....748
1001273267.....748
1001273636.....639, 651
1001273850.....443
1001274255.....367
1001274256.....367
1001274257.....367, 749
1001274301.....365
1001274302.....365, 749
1001274305.....749
1001274307.....749
1001274439.. 692, 696, 700, 704, 709, 713, 717, 720, 724
1001274444.. 692, 696, 700, 704, 709, 713, 717, 721, 724
1001274715.....371
1001274717.....371
1001274718.....371, 749
1001274721.....749
1001275637.....359, 363
1001275638.....359, 363
1001275841.....89, 91
1001275852.....91
1001275853.....89
1001275931.. 383, 395, 409, 427
1001275933.....425, 447
1001275934.. 378, 390, 404, 425
1001276666.....117
1001276920.....599
1001276923.....748
1001277290.....109
1001277338.....113
1001280231.....417, 748
1001280661.....603, 605
1001281475.....749
1001282050.....483
1001282260.....681
1001284067.....67
1001284068.....67, 69
1001284069.....69
1001284403..379, 383, 391, 395, 405, 409, 631, 633, 635
1001284433.....69
1001284436.....67
1001284447.....69
1001284542.....578
1001284865.....667
1001284866.....669
1001284877.....35, 41
1001284883.....669
1001284884.....667
1001286534.....115
1001287742.....89, 91
1001287803.....681
1001288404...593, 603, 605
1001288418.....69
1001288679..383, 395, 409, 687
1001288820.....603, 605
1001289479.....665, 667
1001289539..379, 383, 391, 395, 405, 409
1001289648.....603, 605
1001289822.....603
1001290427.....593
1001290491.....605
1001290540.....382
1001290546.....408
1001290547.....394
1001291056.....603, 605
1001291397.....748
1001292279..378, 382, 390, 394, 404, 409
1001292606.....69
1001293182.....115, 513
1001294608.....667
1001294815.....729
1001296148.....651
1001296929.....720
1001296930.....724
1001299236.....587
1001299369..550, 554, 558, 583
1001301599.....115
1001301600.....115
1001301624...385, 397, 411
1001301880..550, 554, 558, 587
1001302359.....505, 545
1001302410.....667
1001305569.....639, 651
1005798000..287, 289, 291, 293, 295, 297, 301
1005798100..287, 303, 305, 307, 309, 311, 315
10139087..... 692, 696, 700, 704, 708, 712, 716, 720, 724
10268515..... 195, 199
10268516..... 199
1060379.....79
1060626..... 571, 677
1062255. 115, 550, 554, 558
10705034..... 105
10719267..... 197
10727374..... 459
10728823..... 479
10731702..... 259
10731709..... 273, 275, 276
10731744..... 261
10731748..... 259
10731751..... 259
10731845..... 251, 253, 257
10731913..... 263
10731959..... 267
10732063..... 273, 275
10732064..... 275
10732071..... 249
10732072..... 249
10732095..... 259
10732150. 33, 35, 37, 39, 41
10837928..... 543
10839156..... 267
1101312..... 195, 744
1101313..... 195, 744
1101841..... 283
1170012..... 107
1170021..... 107
1170024..... 111
1319203..... 259
1319204..... 259
1319205..... 259
1319209..... 259
1319210..... 259
1319211..... 259
1319213..... 259
1319557..... 263
1319558..... 263
1319563..... 263
1319565..... 263
1319566..... 263
1319569..... 261
1319570..... 261
1319571..... 261
1319574..... 261
1319575..... 261
1319576..... 261
1319577..... 261
1319582..... 261, 265
1319583..... 261
1319584..... 261
1319585..... 261, 265
1319586..... 261
1319587..... 261
1319590..... 261
1319591..... 251
1319592..... 251
1319593 251, 253, 255, 257, 269, 271
1319594 251, 253, 255, 257, 269, 271

1319595 251, 253, 255, 257, 269, 271
1319596 ..... 251, 253, 257
1319600 251, 253, 255, 257, 269, 271
1319601 251, 253, 255, 257, 269, 271
1319602 251, 253, 255, 257, 269, 271
1319603 251, 253, 255, 257, 269, 271
1319604 251, 253, 255, 257, 269, 271
1319605 ..... 251, 253, 257
1319606 ..... 251, 253, 257
1319607 251
1319608 ..... 251, 271
1319609 251
1319610 251
1319611 251
1319612 251, 253, 255, 257, 269, 271
1319613 253
1319614 253
1319615 ..... 253, 257, 269
1319616 255
1319617 ..... 255, 269, 271
1319618 ..... 255, 269, 271
1319619 255
1319620 ..... 255, 269, 271
1319621 ..... 255, 269, 271
1319622 ..... 255, 269, 271
1319623 ..... 255, 269, 271
1319624 ..... 255, 269, 271
1319625 ..... 255, 269, 271
1319626 ..... 255, 269, 271
1319627 ..... 255, 269, 271
1319628 ..... 255, 269, 271
1319629 ..... 255, 269, 271
1319630 ..... 255, 269, 271
1319631 ..... 255, 269, 271
1319632 ..... 255, 269, 271
1319633 ..... 255, 267
1319634 257
1319635 257
1319636 ..... 257, 269, 271
1319637 269
1319638 ..... 269, 271
1319639 271
1319641 267
1319643 267
1319646 267
1319647 267
1319648 267
1319649 267
1319650 249
1319652 ..... 249, 275
1319659 249
1319661 ..... 249, 275
1319670 ..... 273, 275
1319671 275
1319673 275
1319674 275
1319675 275
1319676 275
1319677 275
1319678 275
1319679 275
1319680 275
1319681 275
1319682 275
1319683 275
1319684 275
1319685 275
1319686 275
1319687 275
1319688 275
1319689 275
1319690 275
1319691 275
1319692 275
1319693 275
1319694 275
1319695 275
1319696 ..... 273, 275
1319697 275
1319698 275
1319699 275
1319700 275
1319701 275
1319702 ..... 273, 275
1319703 ..... 273, 275
1319704 275
1319705 275
1319707 ..... 273, 275
1319710 273
1319711 273
1319712 273
1319713 273
1319714 273
1319715 273
1319717 273
1319718 265
1319719 265
1319720 265
1319721 265
1319722 265
1319723 265
1319724 265
1319725 265
1319726 265
1320022 211, 378, 382, 390, 394, 404, 408
1320032 217
1321094 ..... 179, 183, 187
1322039 ..... 179, 183, 187
1322040 ..... 179, 183, 187
1600429 378, 382, 390, 394, 404, 408, 744
1701509 79
1701640 692, 696, 700, 704, 708, 712, 716, 720, 724
1702300 692, 696, 700, 704, 708, 712, 716, 720, 724
1702773 ..... 73, 75, 77
1704277 79
1704885 ..... 73, 75, 77
1706098 ..... 704, 720, 724
1706281 ..... 704, 720, 724
1706282 ..... 704, 720, 724
1706284 ..... 704, 720, 724
1706285 ..... 704, 720, 724
1706288 ..... 704, 720, 724
1706296 ..... 692, 708
1706298 ..... 692, 708
1706299 ..... 692, 708
1706300 ..... 692, 708
1706301 ..... 692, 708
1706302 173
1706306 ..... 692, 708
1706768 ..... 692, 708
1706850 ..... 692, 708
1706892 73
2080040 79
2110606 . 109, 113, 117, 541
2130606 ..... 105, 541
2130608 105
2130808 ..... 109, 113, 117
2131210 245
2131212 ..... 205, 207, 245
2172106 ..... 109, 113, 117
2180798 199
2220218 235
2220239 ..... 43, 47
2220371 . 483, 495, 501, 505
2220373 ... 53, 475, 487, 505
2220374 ..... 501, 677
2220375 ..... 43, 47, 495
2220377 501
2220385 ..... 475, 479, 505
2220415 115
2220451 501
2220468 115
2220472 501
2220473 ..... 115, 495, 501
2220497 501
2220498 677
2220499 ..... 43, 47
2220500 ..... 469, 471, 487
2220501 495
2220577 ..... 43, 47
2220578 53
2220582 ..... 483, 501
2220596 ..... 475, 501, 505
2220600 505
2220603 487
2220605 ..... 459, 471
2220606 501
2220622 677
2220635 ..... 43, 47, 469, 505
2220651 55
2220654 471
2220677 473
2220695 495
2220700 677
2220726 505
2220738 501
2220819 501
2220828 501
2220878 501
2220883 523
2220998 501
2221027 55
2221344 459
2230025 55
2230044 465
2340037 123
2340038 129
2340039 139
2340045 127
2340046 121
2400060 ..... 614, 619, 626
2400066 626
24921332 ..... 223, 225
2600281 79
2713082 55
2713452 53
2716673 467
2716675 495
2716686 495
2716688 495
2716691 495
2716713 465
2716714 475
2716715 475
2717160 105
2717161 105
2717162 105
2717198 ..... 18, 22, 26, 529
2717283 ..... 105, 519
2755060 475
2910995 748
2915208 748
2940074 ..... 79, 745
31200160 73
31200386 77
31200387 75
31200388 75
3251813 692, 696, 700, 704, 708, 712, 716, 720, 724
3290401 ..... 603, 605
3290501 ..... 203, 575
3290505 ..... 201, 681
3290601 . 173, 550, 554, 558
3290605 233, 235, 421, 423, 550, 554
3290801 227, 417, 550, 554, 558
3290805 . 181, 215, 421, 423
3291007 ..... 89, 91
3291205 233
3300240 107, 109, 111, 113, 117, 119
3300429 ..... 43, 47
3311401 205, 207, 378, 382, 390, 394, 404, 408, 665, 667
3311405 ..... 69, 79
3311502 173
3311601 52
3311605 567
3331615 ..... 177, 181, 185
3340829 69
3391410 173
3421453 79
3423226 52
3423227 ..... 17, 21, 25
3423242 ..... 111, 113
3423254 ..... 287, 317
3423275 ..... 107, 109
3423276 ..... 115, 117, 119
3423307 ..... 109, 113, 117
3440620 83
3460383 52
3460384 52
3520030 .. 17, 21, 25, 33, 35, 37, 39, 41
3520072 79

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

3520198 79
3740080 201, 580, 585, 593, 687, 745
3760170 79
3790152 201
3820020 79
3841203 .....109, 113, 117
3930610 378, 382, 390, 394, 404, 408
3931012 .665, 667, 669, 673
3951404 521
3968141 .295, 309, 325, 339
4031608 ..... 203, 575
4060803 ..... 401, 415
4060804 .....17, 21, 25
4060805 .....17, 21, 25
4060806 378, 382, 390, 394, 404, 408
4100181 692, 696, 700, 704, 708, 712, 716, 720, 724
4105262 692, 696, 700, 704, 708, 712, 716, 720, 724
4107442 692, 696, 700, 704, 708, 712, 716, 720, 724
4108302 692, 696, 700, 704, 708, 712, 716, 720, 724
4110422 ...83, 85, 87, 89, 91
4110473 105
4240017 .....550, 554, 558
4240032 595, 597, 599, 603, 605, 665, 667
4240099 .....177, 181, 185
4360569 378, 382, 390, 394, 404, 408
4360690 378, 382, 390, 394, 404, 408, 745
4420037 ..33, 35, 37, 39, 41, 45
4460019 613, 614, 617, 618, 619, 624, 625
4460042 .....613, 618, 622
4460142 619
4460183 671
4460234 .595, 597, 665, 667
4460247 .....614, 619, 625
4460256 .....613, 618, 623
4460268 629
4460312 578, 583, 614, 619, 624, 625
4460321 563
4460326 629
4460419 578, 583, 593, 631, 659, 675, 685
4460457 ..... 637, 659
4460458 563, 579, 584, 593, 612, 613, 614, 617, 618, 619, 622, 623, 624, 625, 631, 671
4460464 561, 563, 569, 578, 579, 583, 589, 591, 593, 601, 612, 617, 622, 629, 631, 675, 683, 685, 687
4460465 561, 563, 569, 578, 579, 583, 584, 591, 593, 612, 613, 614, 617, 618, 619, 622, 623, 624, 625, 629, 631, 675, 687
4460466 561, 563, 569, 578, 579, 591, 593, 612, 613, 614, 617, 619, 622, 624, 625, 626, 629, 675, 683
4460467 749
4460475 563, 612, 614, 617, 618, 622, 625
4460476 ..... 614, 618, 625
4460508 . 579, 584, 653, 675
4460509 ..... 653, 659
4460510 749
4460518 ..... 563, 593, 683
4460536 ..... 579, 583
4460539 . 563, 569, 593, 631
4460608 612, 614, 618, 622, 625
4460742 ..... 563, 637, 659
4460744 ..... 612, 617, 623
4460746 ..... 579, 584, 624
4460761 ..... 563, 578, 583
4460789 ..... 637, 659
4460790 ..... 579, 584, 653
4460809 563
4460836 ..... 578, 583
4460850 ..... 612, 617, 622
4460871 578
4460872 578
4460884 578, 583, 614, 619, 622, 625, 675
4460891 563, 578, 579, 583, 584, 593, 612, 613, 617, 618, 622, 623, 624, 631, 687
4460894 ..... 591, 593, 675
4460897 . 593, 631, 685, 687
4460899 593
4460905 578
4460930 561, 578, 579, 583, 584, 593
4460931 563, 612, 617, 622, 675
4460932 601
4460933 569, 579, 583, 593, 629, 675, 683
4460941 675
4460942 ..... 578, 629, 675
4460944 683
4460945 563
4460950 629
4460955 . 613, 618, 623, 624
4460970 569, 578, 579, 583, 584, 587
4460994 ..... 578, 583, 685
4461006 ..... 624, 625
4461017 . 579, 584, 653, 675
4461018 ..... 653, 659
4461070 578, 593, 619, 624, 625, 683
4461077 593
4461095 . 613, 619, 624, 625
4461103 ..... 580, 585
4461157 ..... 612, 617, 622
4520356 353
4641122 353
4641501 ..... 531, 541
4641502 ..... 105, 541
4710600 378, 382, 391, 394, 405, 408
4711000 .....665, 667
4711400 ..79, 205, 207, 401, 415, 550, 554, 558, 565, 665, 673
4711500 177, 185, 205, 207, 417
4711600 235, 550, 554, 558, 567, 692, 696, 700, 704, 708, 712, 716, 720, 724
4740362 .....205, 207
4750800 451
4751400 .....217, 417
4761400 378, 382, 390, 394, 404, 408, 663
4761500 .....177, 185
4811400 89, 91, 95, 97, 101, 109, 113, 115, 117
4811600 201, 203, 235, 451, 575, 681
4811700 173, 177, 181, 185, 217, 233, 421, 423, 558, 641, 651
4811702 ..37, 421, 423, 550, 554
4811900 ....39, 41, 215, 223, 225, 227, 421, 423, 550, 554, 558
4811902 .....181, 197, 347
4812000 ..55, 181, 227, 229, 231, 233
4812002 573
4812100 177, 181, 185, 189, 223, 225, 227, 233, 550, 554, 558
4812300 .....177, 181, 185
4831400 .....603, 605
4831600 .....203, 575
4831700 .....641, 651
4832000 .....229, 231
4891500 223
4891600 .....17, 21, 25, 223, 225, 227, 641
4891800 .....109, 113, 117
5240800 .....189, 191
5241000 .....89, 91
5242400 173
5251014 378, 382, 390, 394, 404, 408
5724622 52
70002219 511
70002224 511
70003849 511
70004637 523
70010239 749
70020002 103
70020004 161
70020028 103
70020375 521
70020425 249
70020426 249
70020427 273
70020430 267
70020431 267
70020555 .....145, 147
70020562 99
70020652 455
70020743 539
70020745 539
70020876 431
70021140 ..... 309, 339
70021342 ..... 87, 99
70021349 ..... 85, 87
70021351 103
70021358 99
70021359 99
70021360 99
70021361 99
70021362 99
70021364 99
70021365 99
70021366 99
70021367 99
70021376 ..... 103, 509
70021377 103
70021378 103
70021379 103
70021382 103
70021387 ..... 85, 99
70021389 103
70021391 99
70021392 99
70021393 ..... 99, 525
70021399 99
70021415 ..... 85, 87
70021440 ..... 81, 509, 525
70021444 ..... 509, 525
70021445 509
70021446 ..... 509, 525
70021447 ..... 509, 525
70021448 ..... 509, 525
70021451 ..... 509, 525
70021452 ..... 509, 525
70021464 525
70021465 525
70021466 525
70021613 ..... 305, 335
70021921 ..... 85, 87
70021935 ..... 85, 87
70021948 ..... 417, 745
70021977 ..... 85, 87
70021978 ..... 85, 87
70021979 ..... 85, 87
70021980 99
70021981 99
70021982 99
70022008 543
70022014 543
70022028 ..... 85, 87
70022527 ..... 85, 87, 99
70022528 ..... 85, 87
70022529 ..... 85, 87
70022563 523
70022564 523
70022634 ..... 179, 183, 187
70022650 539
70022797295, 309, 325, 339
70022799 ..... 311, 341
70022871 749
70022872 749
70022931 150
70022932 150
70022934 150

70022935.....151
70022936.....150
70022937.....150
70022939.....151
70022942.....150
70022946.....151
70022949.....150, 151
70022950.....150
70022952.....150
70022957.....150
70022960.....150
70022969.....150
70022970.....150
70022980.....151
70022984.....150
70022985.....150
70022987.....150
70022990.....151
70022992.....150
70022993.....150
70022994.....150
70022995.....150
70022998.....151
70023003.....150
70023004.....150
70023005.....150
70023006.....150
70023007.....150
70023008.....150
70023009.....150
70023010.....150
70023014.....150
70023015.....150
70023016.....150
70023174.....749
70023404.....261
70023482.....259
70023483.....259
70023736.....179, 183, 187
70023885.....261, 265
70023925.....150
70023928.....531
70023929.....531
70023933.....179, 187
70024016.....179, 183, 187
70024020.....511
70024059.....85, 87
70024060.....87
70024062.....81
70024152.....43, 47
70024202.....543
70024210291, 305, 321, 335
70024253.....612, 622
70024254.....612, 622
70024255.....612, 622
70024256.....612, 622
70024262.....511
70024306.....141
70024307.....141
70024519.....307, 337
70024522295, 309, 325, 339
70024855.....429
70024872.....293, 323
70024881.....293, 297, 307, 311, 323, 327, 337, 341
70025012.....297, 327
70025014.....297, 327
70025480.....401, 415
70025547..... 325
70025555295, 309, 325, 339
70025556295, 309, 325, 339
70025561297, 311, 327, 341
70025562.....295, 297, 309, 311, 325, 327, 339, 341
70025569.....309, 339
70025570.....309, 339
70025606..... 511
70025821.....305, 335
70025822.....305, 335
70025823291, 305, 321, 335
70025852.....193, 744
70025853.....193, 744
70025859.....537, 539
70025959..... 511
70025981.....291, 321
70025982..... 543
70026056..... 511
70026057..... 511
70026058..... 511
70026059..... 511
70026060..... 511
70026061..... 511
70026062..... 511
70026075.....239, 241
70026076.....239, 241
70026077.....239, 241
70026078.....239, 241
70026079.....239, 241
70026080..... 241
70026081.....239, 241
70026082.....239, 241
70026083.....239, 241
70026085..... 744
70026088..... 437
70026089..... 437
70026090..... 437
70026091..... 437
70026092..... 437
70026093..... 437
70026097..... 533
70026098..... 533
70026100..... 429
70026101..... 429
70026102..... 429
70026103..... 429
70026104..... 429
70026105..... 429
70026106..... 429
70026107..... 429
70026108..... 429
70026109..... 429
70026110..... 429
70026111.....429, 431
70026112..... 429
70026113..... 429
70026114..... 429
70026115..... 429
70026116..... 429
70026117..... 429
70026118..... 429
70026119..... 429
70026120..... 429
70026121..... 429
70026122..... 429
70026123..... 429, 432, 435
70026124.....429, 432
70026133.....543
70026216.....629
70026217..... 614, 625, 629
70026220.....179, 187
70026221.....179
70026222.....179, 183
70026223.....187
70026224..... 179, 183, 187
70026225..... 179, 183, 187
70026226..... 179, 183, 187
70026228..... 179, 183, 187
70026229..... 179, 183, 187
70026230..... 179, 183, 187
70026231..... 179, 183, 187
70026232..... 179, 183, 187
70026233.....183
70026234..... 179, 183, 744
70026235..... 179, 183, 187
70026236.....187
70026237..... 179, 183, 187, 744, 745
70026238297, 311, 327, 341
70026241..... 179, 183, 187
70026244.....221
70026245.....221
70026247.....221
70026248.....221
70026262.....291, 321
70026352.....455
70026370.....543
70026376.....543
70026393.....193
70026394.....193
70026401.....487
70026448.....749
70026453..... 179, 187, 744
70026622297, 311, 327, 341
70026623.....291, 321
70026631295, 309, 325, 339
70026652.....543
70026653.....543
70026698.....85, 87
70026699.....81
70026742.....515
70026745.....145
70026746.....145
70026747.....81
70026770.....519
70026771.....519
70026773.....519
70026774.....519
70026775.....519
70026800.....183
70026801.....183, 744
70026803297, 311, 327, 341
70026806298, 311, 328, 341
70026811297, 311, 327, 341
70026812297, 311, 327, 341
70026854.....431, 745
70026944.....81
70026945.....431
70026946.....81
70026948.....81
70026949.....81
70026978.....431, 435
70026979.....431
70026980.....431
70026981.....431, 435
70026982.....431, 435
70026983.....431, 435
70026984.....431
70026985.....432
70026986.....431, 745
70026987.....431
70026988.....431
70026989.....431
70026990.....431
70026991.....432, 435
70027009.....85
70027024.....425
70027026.....425
70027027.....425
70027028.....425
70027030.....425
70027032.....425
70027033.....425
70027035.....425
70027094.....239
70027134.....543
70027244.....523
70027275.....539
70027276.....539
70027281.....179, 183
70027315297, 311, 327, 341
70027317291, 305, 321, 335
70027642.....103
70027689.....523
70027690.....523
70027691.....523
70027692.....523
70027693.....523
70027694.....523
70027695.....523
70027696.....523
70027705.....221
70027706.....221
7002821.....749
7002822.....749
7002823.....749
7002828.....749
70028392297, 311, 327, 341
70028402.....521
70028403.....521
70028404.....521
70028407.....521
70028408.....521
70028450.....179, 187
70028452.....305, 335
70028471295, 309, 325, 339
70028514.....535
70028515.....535
70028516.....535
70028517.....535
70028547.....537
70028779.....431
70028780.....431
70028781.....431
70028782.....431
70028798291, 305, 321, 335
70028881297, 311, 327, 341
70028886293, 307, 323, 337
70028890297, 311, 327, 341

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

70028891297, 311, 327, 341
70028925297, 311, 327, 341
70028938293, 307, 323, 337
70028939293, 307, 323, 337
70028940..... 295, 325
70028941297, 311, 327, 341
70028942..... 297, 327
70028943298, 312, 328, 342
70028944298, 312, 328, 342
70028945..... 298, 328
70028946..... 291, 321
70028947301, 315, 331, 345
70028948301, 315, 331, 345
70028949301, 315, 331, 345
70028950301, 315, 331, 345
70028951301, 315, 331, 345
70028952301, 315, 331, 345
70028974293, 307, 323, 337
70028975..... 311, 341
70028976..... 311, 341
70028977..... 312, 342
70028997..... 339
70029471..... 297, 311
70029472..... 298, 311
70029704..... 167
70029705..... 167
70029706..... 167
70029707..... 167
70029708..... 167
70029709..... 167
70029710..... 167
70029711..... 167
70029712..... 167
70029713..... 167
70029714..... 167
70029715..... 167
70029716..... 167
70029717..... 171
70029718..... 171
70029719..... 171
70029720..... 161
70029721..... 161
70029722..... 161
70029723..... 161
70029724..... 161
70029725..... 161, 165
70029726..... 161
70029727..... 163
70029728..... 161
70029729..... 161
70029730..... 163
70029731..... 163
70029732..... 161, 167
70029733..... 167
70029734.....161, 165, 167
70029735..... 161, 165
70029736..... 161
70029737..... 167
70029738..... 161, 165
70029739161, 165, 169, 171
70029740..... 165
70029741.....161, 169, 171
70029742..... 161, 165
70029743.....161, 165, 171
70029744..... 169
70029745..... 161
70029746..... 169, 171
70029747..... 161, 165
70029748..... 169
70029749..... 169, 171
70029750..... 165
70029751..... 161
70029752..... 161
70029753..... 167
70029754..... 167
70029755..... 161
70029756..... 161, 165
70029757..... 161
70029758..... 167
70029759..... 167
70029760..... 161
70029761..... 171
70029762..... 161, 165
70029763..... 169
70029764..... 161
70029765..... 161
70029766..... 161
70029767..... 161
70029768..... 161
70029769..... 171
70029770..... 169
70029771..... 171
70029772..... 171
70029773..... 161
70029774..... 161
70029775..... 161
70029776..... 161
70029777..... 161, 165
70029778..... 161
70029779..... 161
70029780..... 161, 165
70029781..... 161, 165
70029782..... 163
70029783..... 163
70029784..... 161
70029785..... 165
70029786..... 161
70029787..... 169
70029788..... 161
70029789..... 169, 171
70029790..... 161
70029791..... 167
70029792..... 165
70029793..... 161
70029794..... 161, 165
70029795..... 167
70029796..... 167
70029822..... 431, 435
70029823..... 431, 435
70029824..... 431, 435
70029825..... 435
70029826..... 435
70029827..... 431, 435
70029828..... 431, 435
70029829..... 431, 435
70029830..... 435
70029831..... 435
70029832..... 431, 435
70029833..... 431, 435
70029834..... 432, 435
70029835..... 432, 435
70029836..... 432, 435
70029837..... 432, 435
70029838..... 432, 435
70029839 .....432, 435
70029840 .....432, 435
70029841 .....432, 435
70029842 .....432, 435
70029843 .....432, 435
70029844 435
70029874 543
70029981 431
70029984 432
70030001 543
70030002 543
70030003 543
70030004 543
70030005 543
70030006 543
70030007 543
70030008 543
70030009 543
70030010 543
70030011 543
70030012 543
70030013 543
70030014 543
70030015 543
70030016 543
70030017 543
70030018 543
70030019 543
70030020 543
70030021 543
70030022 543
70030023 543
70030038 543
70030039 543
70030040 543
70030041 543
70030141 103
70030142 103
70030143 103
70030144 103
70030145 103
70030281 431
70030317 187
70030347 187
70031092 521
70031148 179
70031325 513
70031326 513
70031327 513
70031328 513
70031329 513
70031350 187
70031351 187
70031352 187
70031380 187
70031394 431
70031395 431
70031396 431
70031397 431
70031398 431
70031402 431
70031403 431
70031404 431
70031405 431
70031406 431
70031413 432
70031414 432
70031420..... 432
70031421..... 432
70031422..... 432
70031443..... 105
70031444..... 103
70031445..... 85, 87
70031446..... 99
70031717..... 665, 667
70041616..... 179, 183, 187
70041617..... 179, 183, 187
70041619..... 179, 183, 187
70041620..... 179, 183, 187
7004275..... 749
7004276..... 749
7012903..... 529
7016654..... 749
7017496..... 529
7024441..... 43, 47
7026404..... 614, 624
7026758 251, 253, 255, 257, 269, 271
7026759 251, 253, 255, 257, 269, 271
7026760 251, 253, 255, 257, 269, 271
7026798..... 425
7026911..... 281, 285
7027273..... 267
7028043..... 309
7028706 293, 297, 307, 311, 323, 327, 337, 341
7028714. 297, 311, 327, 341
7028716. 297, 311, 327, 341
7028721. 297, 311, 327, 341
7028722. 297, 311, 327, 341
7028731. 298, 311, 328, 341
7028732. 298, 311, 328, 341
7028733..... 298, 328
7028734..... 291, 321
7028735..... 291, 321
7028736..... 291, 321
7029037..... 249, 275
7029039..... 275
7029127. 301, 315, 331, 345
7029131. 295, 309, 325, 339
7029153..... 529
7029246..... 529, 744
7029311. 297, 311, 327, 341
7029412..... 431
7029413..... 431
7029415..... 431
7029417..... 265
7029520..... 147
7029521..... 147
7029532..... 253, 255, 267
7029533..... 253, 255, 267
7029692..... 87, 99
7029711..... 103
7029714..... 99
7029785..... 305, 335
7029787..... 291, 321
7029860..... 453
7054351..... 245
7057141..... 205, 207
7062922..... 115
7079572..... 52
7082311..... 52

7082342 52
7082362 52
7083992 52
7085571 63
7095312 53
7095352 52
7095522 52
7096552 52
7096562 52
7096702 52
7096772 52
7096882 52
7110702 115
7110712 115
7110722 115
7111402 55
7111572 52
7112642 153
7114941 ..... 155, 157
7116572 675
7116642 59
7116652 59
7116662 59
7116691 59
7116733 ..... 52, 59
7116792 52
7116812 59
7117031 52
7118882 61
7118892 ..... 52, 61
7124301 ..... 17, 21, 25
7124451 ..... 17, 21, 25
7124471 ..... 17, 21, 25, 639, 641, 651
7125811 53
7125871 ..... 177, 181, 185
7126662 53
7131633 748
7131643 748
7137142 ..... 17, 21, 25
7138634 245
7138638 ..... 279, 281
7138639 ..... 279, 285
7138833 378, 382, 390, 394, 404, 408
7138836 378, 382, 390, 394, 404, 408
7138878 378, 382, 390, 394, 404, 408, 745
7138882 419
7138944 378, 382, 390, 394, 404, 408
7138958 ..... 401, 415
7138977 52
7138979 52
7138986 52
7139032 ..... 57, 65
7139066 ..... 17, 21, 25
7139077 ..... 43, 47, 744
7139180 52
7139407 ... 33, 35, 37, 39, 41
7139416 ..... 57, 65
7139504 475
7139505 475
7139690 ..... 53, 57
7139692 ..... 53, 65
7139918 105
7150680 645
7150681 643
7150685 ..... 647, 651
7150690 ..... 643, 645
7150699 ..... 641, 647, 651
7150702 647
7150703 649
7150716 ..... 641, 649, 651
7150717 ..... 649, 651
7300435 ..... 177, 181, 185
7300672 52
7300673 52
7300674 55
7300675 55
7300678 ..... 53, 55
7301265 ..... 404, 408
7301295 105
7301408 133
7302010 52
77133133 ..... 421, 423
77133134 ..... 421, 423
8007749 295
8007751 ..... 295, 325
8007755 ..... 295, 325
80204005 297, 311, 327, 341
80204060 ..... 291, 321
80204065 297, 311, 327, 341
80204071 297, 311, 327, 341
80204108 ..... 291, 321
80204117 ..... 291, 297, 305, 311, 321, 327, 335, 341
80204144 301, 315, 331, 345
80204281 291, 305, 321, 335
8024032 748
8024033 748
80241137 ..... 17, 21, 25
80264138 533
80304405 263
8032994 529
8033786 513
8034695 515
8034697 543
8034815 453
8035109 ..... 281, 283, 285
8035281 529
8035282 529
8035321 521
8035347 543
8035382 543
8035393 453
8035409 453
8035411 453
8035493 455
8035498 455
8035499 455
8035500 455
8035523 449
8035547 515
8035611 515
8035612 515
8035613 515
8035781 529
8035807 378, 382, 390, 394, 408, 745
8036021 259
8036022 259
8036023 263
8036024 261
8036025 261
8036026 261
8036027 261
8036028 261
8036029 253, 255, 257, 269, 271
8036030 267
8036031 267
8036032 267
8036033 249
8036036 275
8036038 275
8036039 275
8036040 275
8036041 265
8036042 265
8036050 ..... 401, 415, 449
8036056 ..... 401, 415, 453
8036099 453
8036100 453
8036190 ..... 253, 255, 267
8036192 529
8036196 449
8036197 449
8036198 449
8036199 449
8036209 647
8036210 649
8036212 ..... 647, 649
8036213 ..... 647, 649
8036214 ..... 647, 649
8036215 ..... 647, 649
8036216 ..... 647, 649
8036250 265
80363179 629
80364095 533
8036580 529
8036581 529
8036582 529
8036726 ..... 431, 435
8036733 519
8036747 529
8036750 521
8036811 529
8036825 529
8036826 529
8036827 529
8036828 529
8037109 543
80373094 195
80384207 453
80384213 453
80384218 ..... 401, 415
80384445 449
805000117, 21, 25, 287, 317
80604016 629
80604017 685
80604018 ..... 612, 613, 617, 618, 622, 623, 624
80604021 ..... 614, 619, 622
80604024 ..... 617, 622
80623016 473
8065062 115
8065640 ..... 17, 21, 25, 52
8065641 ..... 17, 21, 25
80963061 ..... 579, 584
80963062 ..... 612, 617, 622
80963067 612, 617, 622, 624
8124138 ..... 57, 65
8127022 57
8127024 65
82033997 ..... 401, 415
8220007 685
8220035 ..... 561, 685
8220051 .579, 583, 675, 685
8220058 ..... 614, 618, 625
8220081 579, 584, 612, 614, 617, 618, 623, 625, 659
8220089 .579, 584, 624, 653
8220097 579, 584, 612, 617, 622
8220098 .584, 612, 617, 622
8220108 561
8220124 612, 614, 617, 618, 619, 622, 625, 629
8220125 ..... 579, 584, 624
8220160 ..... 614, 624
8220164 ..... 613, 618, 624
8220366 623
8220375 623
8220536 612, 613, 617, 618, 622, 623
8220889 ..... 613, 623
8220890 671
8220895 629
8220904 578, 583, 593, 631, 659, 685
8220927 579, 584, 612, 617, 622
8220929 579, 584, 612, 617, 622
8223025 ..... 641, 651, 745
8223037 378, 382, 390, 394, 404, 408, 745
8223038 ..... 633, 635, 745
8223043 390, 394, 404, 408, 745
8223044 390, 394, 404, 408, 745
8223054 378, 382, 390, 394, 404, 408, 745
8223059 .639, 641, 651, 745
8223060 ..... 641, 651, 745
8223073 ..... 641, 651, 744
8223232 245
8229233 ..... 580, 584, 744
8229234 .561, 580, 584, 744
8229235 .563, 580, 585, 744
8229237 ..... 580, 585, 744
8229238 ..... 580, 585, 744
8229242 ..... 614, 626, 744
8229244 ..... 624, 744
8229245 653
8229261 .561, 580, 584, 744
8270620 ..... 550, 554, 558
8270621 565
8278020 ..... 205, 207
8302470 ... 33, 35, 37, 39, 41
8303034 385, 387, 397, 399, 401, 411, 413, 415, 417, 481
8303041 52
8303119 417

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

8303519 503
8303545 .550, 554, 558, 663
8303615 ...33, 35, 37, 39, 41
8303620 ..52, 359, 363, 378, 382, 390, 394, 404, 408, 489
8303621 52
8303622 55
8303624 52
8303626 153, 155, 157, 378, 382, 390, 394, 404, 408, 499
8303634 .....52, 105, 115
8303640 63
8303655 52
8303658 105
8303666 52
8303675 ..... 52, 503
8303679 52
8303681 52
8303697 .....43, 47, 52, 378, 382, 390, 394, 404, 408
8303715 ..... 52, 115
8303724 245
8303729 ...33, 35, 37, 39, 41
8303745 ..... 643, 645
8303752 .....17, 21, 25
8303757 .....489, 491, 493
8303766 489
8303771 ..67, 639, 641, 651, 665, 667, 669
8303772 52
8303782 .....17, 21, 25
8303784 237
8303982 378, 382, 390, 394, 404, 408
8304608 467
8305002 .....550, 554, 558
8305004 ..33, 35, 37, 39, 41, 665, 673
8305006 .....17, 21, 25, 475
8305008 .....205, 207, 489
8305012 153
8305014 .....17, 21, 25
8305043 ..... 199, 461
8305603 417
8305619 63
8305624 105, 401, 415, 550, 554, 558, 565
8305626 17, 21, 25, 52, 378, 382, 390, 394, 404, 408, 573, 639, 641, 643, 645, 651
8305638 417
8305643 .....52, 105, 115
8305644 ..17, 21, 25, 52, 59, 155, 157, 378, 382, 390, 394, 404, 408
8305645 ..33, 35, 37, 39, 41, 53, 59, 67, 359, 363, 639, 641, 651, 665, 667, 669, 692, 696, 700, 704, 708, 712, 716, 720, 724
8305646 53
8305906 53
8305916 378, 382, 390, 394, 404, 408
8307002 .. 33, 35, 37, 39, 41, 673
8307003 ..... 550, 554, 558
8307004 .. 53, 217, 465, 475, 489, 491, 493, 495, 497
8307005 ..... 53, 503, 673
8307006 279
8307007 .. 53, 153, 155, 157, 499
8307009 ..... 17, 21, 25
8307010 ..... 17, 21, 25
8307011 419
8307023 378, 382, 390, 394, 404, 408
8307024 692, 696, 700, 704, 708, 712, 716, 720, 724
8307027 ..... 550, 554, 558
8307049 245
8307104 ..... 53, 63
8307106 .. 53, 199, 378, 382, 390, 394, 404, 408, 550, 554, 558
8307109 378, 382, 390, 394, 404, 408
8307110 359, 363, 378, 382, 390, 394, 404, 408, 489
8307111 ..... 550, 554, 558
8307112 155, 157, 378, 382, 390, 394, 401, 404, 408, 415
8307202 ... 33, 35, 37, 39, 41
8307203 . 17, 21, 25, 55, 475
8307204 .. 33, 35, 37, 39, 41, 53, 59, 67, 639, 641, 651, 665, 667, 669
8307206 59
8307219 663
8307222 ..... 199, 461
8307904 ..... 53, 115
8307910 53
8307911 53
8307918 ..... 53, 115
8310009 217, 465, 475, 495, 497
8310019 53
8310020 53
8310026 378, 382, 390, 394, 404, 408
8310039 ..... 17, 21, 25
8310046 ..... 550, 554, 558
8310067 245
8310081 55
8310085 ..... 385, 397, 411
8310093 53
8310109 ..... 401, 415
8310116 ..... 287, 317
8310160 115
8310161 115
8310209 59
8310215 245
8310235 59
8310245 59
8310266 61
8310276 61
8310281 ..... 205, 207
8310302 105
8310356 503
8310382 378, 382, 390, 394, 404, 408
8310420 503
8310424 215
8310425 279
8310431 53
8310435 105
8310493 419
8310497 53
8310522 .....17, 21, 25, 503
83191010 347
8405007 . 209, 211, 421, 423
8405104 .....209, 211
8405201 .....209, 211
8405212 .....201, 209, 211
8405305 .....209, 211
8405307 199
8405404 197
8406010 .....665, 667
8406105 . 245, 550, 554, 558
8406112 . 177, 185, 233, 235
8406303 181
8410007 197
8410021 199
8420053 ....55, 85, 103, 105, 109, 113, 115, 117
8420055 ....55, 85, 103, 105, 109, 113, 115, 117
8430032 .....459, 501, 505
8430046 501
8430048 .....421, 423
8466306 692, 696, 700, 704, 708, 712, 716, 720, 724
8500203 .....641, 651
8520001 .....17, 21, 25, 53
8520003 . 17, 21, 25, 53, 473
8522012 ..17, 21, 25, 53, 57, 65
8526007 .....53, 61, 237
8526203 373
8530030 503
8546407 499
8580315 115
8580420 ...33, 35, 37, 39, 41
8584001 421, 423, 550, 554, 558, 639, 641, 651, 669, 673
8584018 .....639, 641, 651
85841150 489
8630003 105
8630019 503
8640123 503
8640208 499
8642207 115
8642224 53
8642237 .....57, 65
86683122 .....203, 575
8750003 53
8750011 55
8750012 219, 465, 467, 495, 497
8750017 ..55, 217, 219, 489, 495
8750025 .....489, 491, 493
8750026 495
8750027 . 465, 467, 495, 497
8750040 .....491, 493, 495
8760268 ..... 495, 501, 505
8760463 475
8760465 ..... 53, 55
8760468 53
8760548 245
8760552 ..... 43, 47
8765204 ..... 479, 505, 677
8769122 ..... 53, 55
8769123 53
8769127 ..... 217, 219
8769128 .. 53, 217, 465, 495, 497
8769132 115
8769139 53
8769161 ..... 53, 55
8770016 115
8770048 ..... 43, 47
8770064 469
8780036 ..... 349, 351
8786514 349, 351, 357, 359, 361, 363, 373
88211516 ..... 641, 651
88261015 181
8841036 245, 247, 249, 251, 253, 255, 257, 259, 261, 263, 265, 267, 269, 271, 273, 275
88411148 ..... 17, 21, 25
88501005 ..... 639, 641
88671001 ..... 109, 113, 117
8880218-OM 279
8880219-OM 279
8881800 181
8902842 513
8903015 543
8990147 378, 382, 390, 394, 404, 408
90028631 199
90200003 ..... 105, 107, 109, 111, 113, 115, 117, 119
90206196661, 663, 667, 669
90451058 105
90554016 ..... 81, 85, 87, 99, 103, 145
90554017 ..... 99, 103
90554018 99
90554020 ..... 85, 87, 103
90554033 81
90554034 81
90554042 ..... 85, 87
90554045 ..... 509, 525
90554054 ..... 85, 87
90554062 ..... 87, 99
90554065 ..... 99, 103
90554067 103
90554076 ..... 87, 99
90554080 147
91043125 151
91043126 150
91043147 ..... 421, 423
91053419 201
91081640 573
91083129 199
91163035 225
91293003 199
91304025 533
91364023 195

91403097 245
91403193 ..... 287, 317
91403413 .. 55, 85, 103, 105, 109, 113, 115, 117, 151
91403414 .. 55, 85, 103, 105, 109, 113, 115, 117, 150
91403448 83
91404011 533
91404013 533
91404298 ..... 401, 415
91404299 ..... 401, 415
91404301 ..... 401, 415
91404326 533
91473086 459
91474507 ..... 293, 297, 307, 323, 327, 337
91474512 293, 307, 323, 337
91474529 295, 309, 325, 339
91474533 295, 309, 325, 339
91474539 295, 309, 325, 339
91474547 295, 309, 325, 339
91474549 ..... 295, 325
91474550 295, 309, 325, 339
91474551 295, 309, 325, 339
91474553 295, 309, 325, 339
91474554 ..... 295, 325
91474559 ..... 291, 321
91474560 ..... 291, 321
91474561 ..... 291, 321
91474565 ..... 291, 321
91474570 ..... 291, 321
91474576 297, 311, 327, 341
91474584 297, 311, 327, 341
91474591 295, 309, 325, 339
91474593 ..... 309, 339
91474595 ..... 309, 339
91503106 612
91513266 347
91514081 297, 311, 327, 341
91514082 297, 311, 327, 341
91514083 ..... 297, 327
91514084 ..... 297, 327
91514095 297, 311, 327, 341
91514111 297, 311, 327, 341
91514117 ..... 297, 327
91514118 347
91514134 295, 309, 325, 339
91514146 297, 311, 327, 341
91514147 297, 311, 327, 341
91514148 297, 311, 327, 341
91514149 297, 311, 327, 341
91514154 291, 305, 321, 335
91514159 291, 305, 321, 335
91514175 297, 311, 327, 341
91514181 297, 311, 327, 341
91514183 297, 311, 327, 341
91514188 ..... 293, 297, 307, 311, 323, 327, 337, 341
91514189 297, 311, 327, 341
91514225 533
91554014 ..... 578, 583

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™