SKYTRAK®

Illustrated Parts Manual

Model 10054

PVC
2305

P/N
31221590

November 1, 2023 - Rev C

JLG®
An Oshkosh Corporation Company

EFFECTIVITY PAGE

May 1, 2023 - A - Original Issue of Manual (Edited to B/M 1001169972 Revision BG)

October 9, 2023 - B - Revised Manual (Edited to B/M 1001169972 Revision BH)

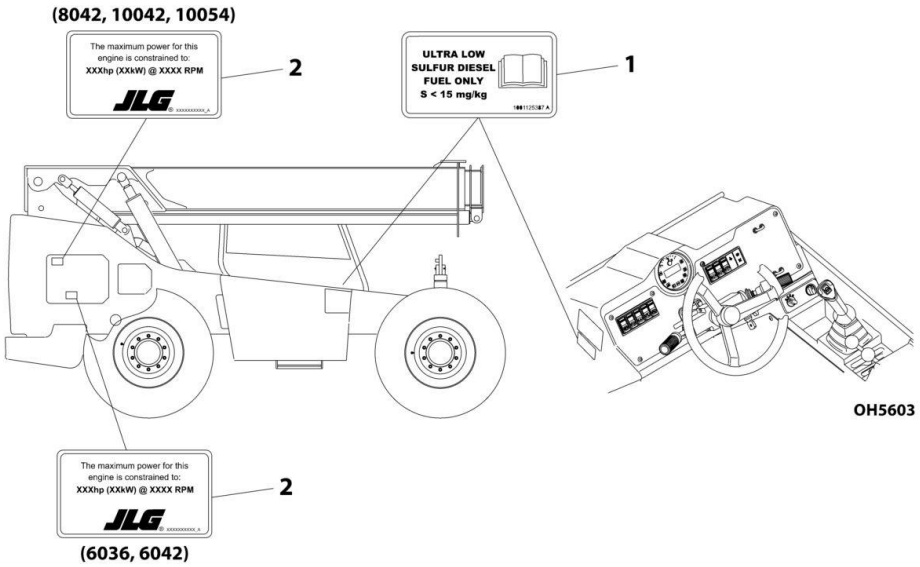
November 1, 2023 - C - Revised Manual (Edited to B/M 1001169972 Revision BH)

Machine Configuration

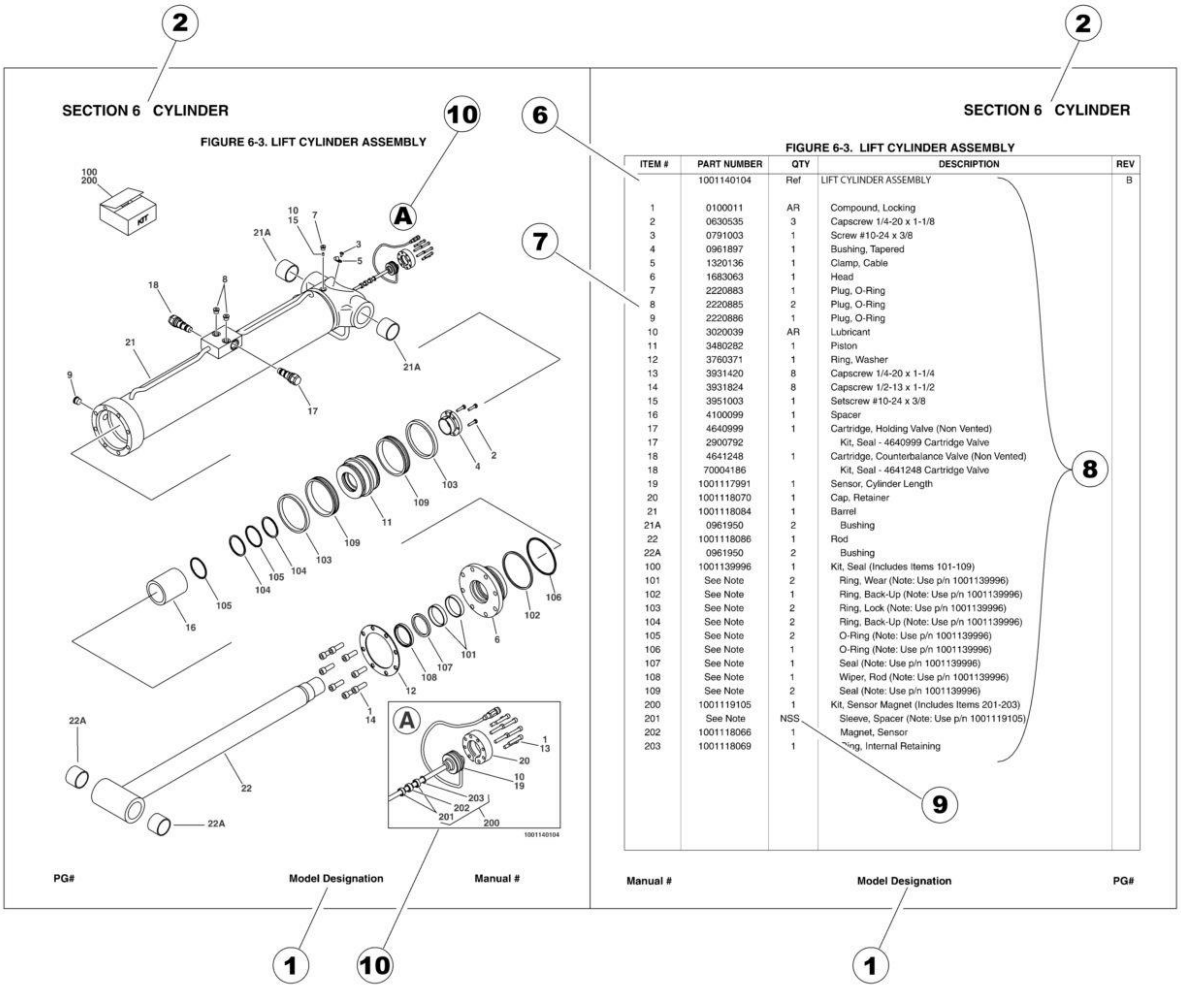
Two configurations of each machine are included in this manual. Determine if machine is equipped with Ultra Sulfer Fuel Decal (1) as indicated below.

- **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 17

FIGURE 1-1. FRAME COMPONENTS INSTALLATION (74HP ULS) 18
FIGURE 1-2. FRAME COMPONENTS INSTALLATION (110HP ULS) 22
FIGURE 1-3. FRAME COMPONENTS INSTALLATION (110HP LS) 26
FIGURE 1-4. TANKS ASSEMBLY - HYDRAULIC/FUEL/DEF (74HP ULS) 30
FIGURE 1-5. TANKS INSTALLATION - HYDRAULIC/FUEL/DEF (110HP ULS) 32
FIGURE 1-6. TANKS ASSEMBLY - HYDRAULIC/FUEL (110HP ULS & LS) 34
FIGURE 1-7. DEF TANK ASSEMBLY (110HP ULS) 36
FIGURE 1-8. FRAME COVERS INSTALLATION (74HP ULS) 38
FIGURE 1-9. FRAME COVERS INSTALLATION (74HP WITH AIR SHUT OFF VALVE) 40
FIGURE 1-10. FRAME COVERS INSTALLATION (110HP ULS) 42
FIGURE 1-11. FRAME COVERS INSTALLATION (110HP ULS WITH AIR SHUT OFF VALVE) 44
FIGURE 1-12. FRAME COVERS INSTALLATION (110HP LS) 46
FIGURE 1-13. DUST SHIELD INSTALLATION 48
FIGURE 1-14. OUTRIGGER INSTALLATION 50
FIGURE 1-15. OUTRIGGER MOUNTING INSTALLATION 52
FIGURE 1-16. OUTRIGGER SUB-ASSEMBLY 54

SECTION 2 - BOOM 57

FIGURE 2-1. BOOM INSTALLATION 58
FIGURE 2-2. BOOM PROP INSTALLATION 64
FIGURE 2-3. BOOM PROP BRACKET INSTALLATION 66
FIGURE 2-4. HOSE PULLEY ASSEMBLY 68
FIGURE 2-5. LOCK PIN ASSEMBLY 70
FIGURE 2-6. QUICK COUPLING ASSEMBLY 72
FIGURE 2-7. RETRACT CHAIN AND CLEVIS ASSEMBLY 74
FIGURE 2-8. EXTEND CHAIN AND CLEVIS ASSEMBLY - BOOM SECOND SECTION 76
FIGURE 2-9. EXTEND CHAIN AND CLEVIS ASSEMBLY - BOOM THIRD SECTION 78
FIGURE 2-10. HOSE AND CARRIER ASSEMBLY 80

SECTION 3 - ATTACHMENTS 83

FIGURE 3-1. BASKET, PERSONNEL - 4FT X 8FT DOMESTIC) 84
FIGURE 3-2. BASKET, PERSONNEL - 4FT X 8FT (ISO) 86
FIGURE 3-3. BASKET, PERSONNEL - 4FT X 8FT (FRENCH) 88
FIGURE 3-4. BASKET, FORK MOUNTED 90
FIGURE 3-5. BOOM - ADJUSTABLE (CARRIAGE MOUNTED) 92
FIGURE 3-6. BOOM - ADJUSTABLE (FORK MOUNTED) 94
FIGURE 3-7. BOOM - 3FT WITH WINCH 96
FIGURE 3-8. BOOM - 12FT WITH WINCH 98
FIGURE 3-9. BOOM - 12FT WITHOUT WINCH 100
FIGURE 3-10. BOOM - 15FT WITHOUT WINCH 102
FIGURE 3-11. BUCKET - 60IN (1.3 CU YD) (FORK MOUNTED) 104
FIGURE 3-12. BUCKET - 72IN (1.0 CU YD) 106
FIGURE 3-13. BUCKET - 96IN (1.5 CU YD) 108
FIGURE 3-14. BUCKET - 96IN GRAPPLE 110

TABLE OF CONTENTS

FIGURE 3-15. BUCKET - 102IN (2.0 CU YD) 112
FIGURE 3-16. CARRIAGE ASSEMBLY - 48IN/12000# CAPACITY SIDE SHIFT 114
FIGURE 3-17. CARRIAGE ASSEMBLY - 50IN/10000# CAPACITY DUAL FORK POSITIONING 116
FIGURE 3-18. CARRIAGE ASSEMBLY - 50IN/12000# CAPACITY STANDARD 118
FIGURE 3-19. CARRIAGE ASSEMBLY - 50IN/12000# CAPACITY SIDE TILT 120
FIGURE 3-20. CARRIAGE ASSEMBLY - 60IN/12000# CAPACITY STANDARD 122
FIGURE 3-21. CARRIAGE ASSEMBLY - 60IN/12000# CAPACITY SIDE TILT 124
FIGURE 3-22. CARRIAGE ASSEMBLY - 72IN/10000# CAPACITY 90 DEGREE SWING (SN 0160115808 to Present) 126
FIGURE 3-23. CARRIAGE ASSEMBLY - 72IN/12000# CAPACITY SIDE TILT 128
FIGURE 3-24. CARRIAGE ASSEMBLY - 72IN/15000# CAPACITY STANDARD 130
FIGURE 3-25. FORK 1.75X7X60 / 5400# CAPACITY 132
FIGURE 3-26. FORK 2X2X48 / 1940# CAPACITY 134
FIGURE 3-27. FORK 2.00X6X72 / 6610# CAPACITY 136
FIGURE 3-28. FORK 2.36X4X48 / 5000# CAPACITY 138
FIGURE 3-29. FORK 2.36X4X48 / 5475# CAPACITY 140
FIGURE 3-30. FORK 2.36X4X60 / 5000# CAPACITY 142
FIGURE 3-31. FORK 2.36X5X48 / 6850# CAPACITY 144
FIGURE 3-32. FORK 2.36X5X60 / 6850# CAPACITY 146
FIGURE 3-33. FORK 2.36X5X72 / 6850# CAPACITY 148
FIGURE 3-34. FORK 2.36X6X60 / 8150# CAPACITY 150
FIGURE 3-35. FORK EXTENSION - 90IN 152
FIGURE 3-36. FORK PIN LOCK INSTALLATION 154
FIGURE 3-37. HOOK, COUPLING 156
FIGURE 3-38. HOOK, CRANE 158
FIGURE 3-39. MAST, VERTICAL - 8FT 160
FIGURE 3-40. PIPE HANDLER 164
FIGURE 3-41. SHEET MATERIAL HANDLER 168
FIGURE 3-42. SHEET MATERIAL HANDLER FORK SUPPORT (LH) 170
FIGURE 3-43. SHEET MATERIAL HANDLER FORK SUPPORT (RH) 172
FIGURE 3-44. SWEEPER ASSEMBLY 174
FIGURE 3-45. SWEEPER ASSEMBLY - HOPPER 176
FIGURE 3-46. SWEEPER ASSEMBLY - BODY 178
FIGURE 3-47. SWEEPER ASSEMBLY - MOTOR 180
FIGURE 3-48. SWEEPER ASSEMBLY - IDLER 182
FIGURE 3-49. SWEEPER ASSEMBLY - CORE 184
FIGURE 3-50. SWEEPER ASSEMBLY - HYDRAULIC SINGLE MOTOR ASSEMBLY 186
FIGURE 3-51. TRASHER HOPPER 188

SECTION 4 - ENGINE AND ATTACHING PARTS 191

FIGURE 4-1. ENGINE INSTALLATION - 74HP (ULS) 192
FIGURE 4-2. ENGINE COMPONENTS - 74HP (ULS) 194
FIGURE 4-3. ENGINE INSTALLATION - 110HP (ULS) 196
FIGURE 4-4. ENGINE COMPONENTS - 110HP (ULS) 198
FIGURE 4-5. ENGINE INSTALLATION - 110HP (LS) 200
FIGURE 4-6. ENGINE COMPONENTS - 110HP (LS) 202
FIGURE 4-7. AIR CLEANER INSTALLATION - 74HP & 110HP (ULS) 204

FIGURE 4-8. AIR CLEANER ASSEMBLY - 74HP & 110HP (ULS) 206
FIGURE 4-9. AIR CLEANER INSTALLATION - 110HP (LS) 208
FIGURE 4-10. AIR CLEANER ASSEMBLY - 110HP (LS) 210
FIGURE 4-11. EXHAUST INSTALLATION - 74HP (ULS) 212
FIGURE 4-12. EXHAUST INSTALLATION - 110HP (ULS) 214
FIGURE 4-13. EXHAUST INSTALLATION - 110HP (LS) 216
FIGURE 4-14. DEF SYSTEM INSTALLATION (ULS) 218
FIGURE 4-15. DEF PUMP ASSEMBLY 220
FIGURE 4-16. DEF COOLANT LINES INSTALLATION 222
FIGURE 4-17. DEF LINES INSTALLATION 224
FIGURE 4-18. FUEL LINES INSTALLATION - 74HP & 110HP (ULS) 226
FIGURE 4-19. FUEL LINES INSTALLATION - 110HP (LS) 228
FIGURE 4-20. COOLING LINES INSTALLATION - 74HP & 110HP (ULS) 230
FIGURE 4-21. COOLING LINES INSTALLATION - 110HP (LS) 232
FIGURE 4-22. COOLING INSTALLATION - 74HP (ULS) 234
FIGURE 4-23. COOLING INSTALLATION - 110HP (ULS & LS) 236
FIGURE 4-24. DE-AERATION TANK ASSEMBLY - 74HP & 110HP (ULS) 238
FIGURE 4-25. RADIATOR ASSEMBLY - 74HP (ULS) 240
FIGURE 4-26. RADIATOR ASSEMBLY - 110HP (ULS & LS) 242
FIGURE 4-27. FAN INSTALLATION - 74HP (ULS) 244
FIGURE 4-28. FAN INSTALLATION - 110HP (ULS & LS) 246
FIGURE 4-29. ISOLATION COUPLER INSTALLATION - 74HP & 110HP (ULS & LS) 248
FIGURE 4-30. AIR INTAKE SHUT OFF VALVE INSTALLATION 250
FIGURE 4-31. BREATHER HEATER INSTALLATION - 74HP 252
FIGURE 4-32. A/C COMPONENTS INSTALLATION - 74HP 254
FIGURE 4-33. A/C COMPONENTS INSTALLATION - 110HP 256

SECTION 5 - DRIVE TRAIN 259

FIGURE 5-1. TRANSMISSION INSTALLATION 260
FIGURE 5-2. TRANSMISSION ASSEMBLY 262
FIGURE 5-3. TRANSMISSION, ENGINE CONNECTION AND CONVERTER 264
FIGURE 5-4. TRANSMISSION, INPUT SHAFTS 266
FIGURE 5-5. TRANSMISSION, GEARBOX HOUSING 268
FIGURE 5-6. TRANSMISSION, COUPLING GROUP 1 270
FIGURE 5-7. TRANSMISSION, COUPLING GROUP 2 272
FIGURE 5-8. TRANSMISSION, COUPLING GROUP 3 274
FIGURE 5-9. TRANSMISSION, COUPLING GROUP 4 276
FIGURE 5-10. TRANSMISSION, REVERSING GEAR GROUP 1 278
FIGURE 5-11. TRANSMISSION, REVERSING GEAR GROUP 2 280
FIGURE 5-12. TRANSMISSION, OUTPUT 282
FIGURE 5-13. TRANSMISSION, CONTROL UNIT 284
FIGURE 5-14. TRANSMISSION, VALVE HOUSING ASSEMBLY 286
FIGURE 5-15. TRANSMISSION, VALVE BLOCK ASSEMBLY 290
FIGURE 5-16. TRANSMISSION, OIL PUMP AND FILTER 292
FIGURE 5-17. DRIVE SHAFT INSTALLATION 294
FIGURE 5-18. DRIVE SHAFT ASSEMBLY (INPUT) 296

TABLE OF CONTENTS

FIGURE 5-19. DRIVE SHAFT ASSEMBLY (FRONT) 298
FIGURE 5-20. DRIVE SHAFT ASSEMBLY (REAR) 300
FIGURE 5-21. AXLE INSTALLATION (110HP) 302
FIGURE 5-22. AXLE INSTALLATION (74HP) 304
FIGURE 5-23. FRONT AXLE INSTALLATION (74HP) 306
FIGURE 5-24. FRONT AXLE - CENTRAL HOUSING (74HP) 308
FIGURE 5-25. FRONT AXLE - DIFFERENTIAL (74HP) 310
FIGURE 5-26. FRONT AXLE - HUB REDUCTION (74HP) 312
FIGURE 5-27. FRONT AXLE - BRAKES (74HP) 316
FIGURE 5-28. FRONT AXLE - STEERING (74HP) 318
FIGURE 5-29. REAR AXLE INSTALLATION (74HP) 320
FIGURE 5-30. REAR AXLE - CENTRAL HOUSING (74HP) 322
FIGURE 5-31. REAR AXLE - DIFFERENTIAL (74HP) 324
FIGURE 5-32. REAR AXLE - HUB REDUCTION (74HP) 326
FIGURE 5-33. REAR AXLE - BRAKES (74HP) 330
FIGURE 5-34. REAR AXLE - STEERING (74HP) 332
FIGURE 5-35. FRONT AXLE INSTALLATION (110HP) 334
FIGURE 5-36. FRONT AXLE - CENTRAL HOUSING (110HP) 336
FIGURE 5-37. FRONT AXLE - DIFFERENTIAL (110HP) 338
FIGURE 5-38. FRONT AXLE - HUB REDUCTION (110HP) 340
FIGURE 5-39. FRONT AXLE - BRAKES (110HP) 344
FIGURE 5-40. FRONT AXLE - STEERING (110HP) 346
FIGURE 5-41. REAR AXLE INSTALLATION (110HP) 348
FIGURE 5-42. REAR AXLE - CENTRAL HOUSING (110HP) 350
FIGURE 5-43. FRONT AXLE - DIFFERENTIAL (110HP) 352
FIGURE 5-44. REAR AXLE - HUB REDUCTION (110HP) 354
FIGURE 5-45. REAR AXLE - BRAKES (110HP) 358
FIGURE 5-46. REAR AXLE - STEERING (110HP) 360
FIGURE 5-47. TIRE SET - 17.2-25 PNEUMATIC 362
FIGURE 5-48. TIRE SET - 17.2-25 FOAM-FILLED 364
FIGURE 5-49. TIRE SET - 18 X 625 (TURF AND SAND PNEUMATIC) 366
FIGURE 5-50. TIRE SET - 360/85-28 SOLID 368
FIGURE 5-51. TIRE SET - 400/75-28 PNEUMATIC 370
FIGURE 5-52. TIRE SET - 400/75-28 PNEUMATIC NON-MARKING 372
FIGURE 5-53. TIRE SET - 400/75-28 FOAM-FILLED 374
FIGURE 5-54. TIRE SET - 400/75-28 FOAM-FILLED NON-MARKING 376
FIGURE 5-55. TIRE SET, 14-24 SOLID (DIRECTIONAL) 378
FIGURE 5-56. TIRE SET, 14-28 SOLID (DIRECTIONAL) 380
FIGURE 5-57. TIRE SET, 14-24 SOLID (NON-DIRECTIONAL) 382
FIGURE 5-58. TIRE SET, 14-24 SOLID 384
FIGURE 5-59. FENDER INSTALLATION 386

SECTION 6 - CAB 389

FIGURE 6-1. CAB MOUNTING HARDWARE INSTALLATION 390
FIGURE 6-2. CAB INSTALLATION - OPEN CAB (ORANGE SEAT BELT) 392
FIGURE 6-3. OPEN CAB SEAT BELT ENG INSTALLATION 396

FIGURE 6-4. CAB ASSEMBLY - OPEN 400
FIGURE 6-5. CAB ASSEMBLY - OPEN (SN 0160124577 to Present) 402
FIGURE 6-6. OPEN CAB INSTALLATION WITH RED LED LIGHT ON DASHBOARD 404
FIGURE 6-7. CAB INSTALLATION - ENCLOSED CAB WITH HEATER/AC (ORANGE SEAT BELT) 406
FIGURE 6-8. CAB INSTALLATION - ENCLOSED CAB WITH HEATER 410
FIGURE 6-9. CAB INSTALLATION - ENCLOSED CAB WITH HEATER 412
FIGURE 6-10. CAB ASSEMBLY - ENCLOSED WITH HEATER & BREAK RESERVOIR 416
FIGURE 6-11. CAB ASSEMBLY - ENCLOSED WITH HEATER & BREAK RESERVOIR (SN 0160124577 to Present) 418
FIGURE 6-12. CAB ASSEMBLY - ENCLOSED WITH HEATER 420
FIGURE 6-13. CAB ENCLOSURE WITH HEATER 422
FIGURE 6-14. CAB INSTALLATION - ENCLOSED CAB WITH HEATER/AC 424
FIGURE 6-15. CLOSED CAB WITH HVAC INSTALLATION 428
FIGURE 6-16. CAB ASSEMBLY - ENCLOSED WITH HEATER & AC WITH BREAK RESEVOIR 432
FIGURE 6-17. CAB ASSEMBLY - ENCLOSED WITH HEATER & AC WITH BREAK RESEVOIR (SN 0160124577 to Present) 434
FIGURE 6-18. CAB ASSEMBLY - ENCLOSED WITH HEATER & AC 436
FIGURE 6-19. CAB ENCLOSURE WITH HEATER & AC 438
FIGURE 6-20. CAB DOOR ASSEMBLY 440
FIGURE 6-21. SLIDER WINDOW ASSEMBLY (RH) 442
FIGURE 6-22. WIPER INSTALLATION (FRONT) 444
FIGURE 6-23. WIPER INSTALLATION (SKYLIGHT) 446
FIGURE 6-24. CAB SEAT (ORANGE SEAT BELT) 448
FIGURE 6-25. SEAT ASSEMBLY - VINYL 450
FIGURE 6-26. SEAT BELT INSTALLATION (3 INCH) 452
FIGURE 6-27. HEATER ASSEMBLY - FLOOR 454
FIGURE 6-28. HEATER BOX ASSEMBLY - HEATER 456
FIGURE 6-29. HEATER BOX ASSEMBLY - HEATER & AC 458
FIGURE 6-30. CAB HEATER LINES INSTALLATION - HEATER ONLY 462
FIGURE 6-31. CAB HEATER LINES INSTALLATION - HEATER & AC 464
FIGURE 6-32. HEATER VALVE ASSEMBLY 466
FIGURE 6-33. REAR WINDOW INSTALLATION (ANSI ENGLISH) 468
FIGURE 6-34. REAR WINDOW INSTALLATION (ENGLISH/SPANISH) 470
FIGURE 6-35. REAR WINDOW INSTALLATION (ENGLISH/SPANISH) 472
FIGURE 6-36. REAR WINDOW INSTALLATION (ISO) 474
FIGURE 6-37. SKYTRAK FIRE EXTINGUISHER INSTALLATION 476

SECTION 7 - CONTROLS 479

FIGURE 7-1. BRAKE ASSEMBLY 480
FIGURE 7-2. SECONDARY CONTROLS INSTALLATION 482
FIGURE 7-3. AUXILIARY CONTROL ASSEMBLY 484
FIGURE 7-4. FRAME LEVEL CONTROL ASSEMBLY 486

SECTION 8 - HYDRAULIC CIRCUITS 489

FIGURE 8-1. AUXILIARY CONTROLS HYDRAULICS INSTALLATION 490
FIGURE 8-2. AXLE HYDRAULICS INSTALLATION 492
FIGURE 8-3. AXLE HYDRAULICS INSTALLATION - FRONT 494
FIGURE 8-4. AXLE HYDRAULICS INSTALLATION - REAR 496

TABLE OF CONTENTS

FIGURE 8-5. AXLE PIN LUBE HYDRAULICS INSTALLATION....498
FIGURE 8-6. BULKHEAD (REAR) INSTALLATION (10054)....500
FIGURE 8-7. CAB HYDRAULICS INSTALLATION....502
FIGURE 8-8. CAB TO BRAKE HYDRAULICS INSTALLATION....504
FIGURE 8-9. CAB PILOT CONTROLS HYDRAULICS INSTALLATION....506
FIGURE 8-10. PILOT CONTROL VALVE AND FITTINGS ASSEMBLY....508
FIGURE 8-11. CAB TO STEERING HYDRAULICS INSTALLATION....510
FIGURE 8-12. CAB STEERING VALVE & FITTING ASSEMBLY....512
FIGURE 8-13. COOLER HYDRAULICS INSTALLATION....514
FIGURE 8-14. COOLER (TRANSMISSION) HYDRAULICS INSTALLATION....516
FIGURE 8-15. CYLINDER HYDRAULICS INSTALLATION - BOOM EXTEND....518
FIGURE 8-16. CYLINDER HYDRAULICS INSTALLATION - FRAME....520
FIGURE 8-17. CYLINDER HYDRAULICS INSTALLATION - TELESCOPE CYLINDER CUTOUT....522
FIGURE 8-18. FORK TILT HYDRAULICS INSTALLATION....524
FIGURE 8-19. OUTRIGGER VALVE & FITTING ASSEMBLY....526
FIGURE 8-20. MAIN CONTROL VALVE INSTALLATION....528
FIGURE 8-21. PUMP HYDRAULICS INSTALLATION....530
FIGURE 8-22. SECONDARY VALVE AND FITTING ASSEMBLY....532

SECTION 9 - HYDRAULIC COMPONENTS....535

FIGURE 9-1. CYLINDER ASSEMBLY - CARRIAGE SIDE SHIFT....536
FIGURE 9-2. CYLINDER ASSEMBLY - CARRIAGE SIDE TILT....538
FIGURE 9-3. CYLINDER ASSEMBLY - CARRIAGE SWING....540
FIGURE 9-4. CYLINDER ASSEMBLY - COMPENSATION....542
FIGURE 9-5. CYLINDER ASSEMBLY - EXTEND/RETRACT....544
FIGURE 9-6. CYLINDER ASSEMBLY - FORK POSITIONING....546
FIGURE 9-7. CYLINDER ASSEMBLY - FORK TILT....548
FIGURE 9-8. CYLINDER ASSEMBLY - FRAME LEVEL....550
FIGURE 9-9. CYLINDER ASSEMBLY - GRAPPLE BUCKET....552
FIGURE 9-10. CYLINDER ASSEMBLY - LIFT....554
FIGURE 9-11. CYLINDER ASSEMBLY - OUTRIGGER....556
FIGURE 9-12. CYLINDER ASSEMBLY - PIPE HANDLER....558
FIGURE 9-13. CYLINDER ASSEMBLY - STABIL-TRAK....560
FIGURE 9-14. STICKJOY ASSEMBLY....562
FIGURE 9-15. VALVE ASSEMBLY - AIR SHUT OFF....564
FIGURE 9-16. VALVE SUB-ASSEMBLY - BRAKE....566
FIGURE 9-17. VALVE ASSEMBLY - BRAKE....568
FIGURE 9-18. VALVE ASSEMBLY - CARRIAGE FORK POSITIONING....570
FIGURE 9-19. VALVE ASSEMBLY - CARRIAGE PIPE GRAPPLE....572
FIGURE 9-20. VALVE ASSEMBLY - FLOW DIVIDER....574
FIGURE 9-21. VALVE ASSEMBLY - MAIN CONTROL....576
FIGURE 9-22. VALVE ASSEMBLY - OUTRIGGER....578
FIGURE 9-23. VALVE ASSEMBLY - SECONDARY....580

SECTION 10 - ELECTRICAL....583

FIGURE 10-1. ELECTRICAL INSTALLATION (74HP) (LS)....584

FIGURE 10-2. ELECTRICAL INSTALLATION (74HP) (LS) (SN 0160125925 to Present, SN 0160125626 through 0160125627) 588
FIGURE 10-3. ELECTRICAL INSTALLATION (110HP) (ULS) 592
FIGURE 10-4. ELECTRICAL INSTALLATION (110HP) (ULS) 596
FIGURE 10-5. ELECTRICAL INSTALLATION (110HP) (LS) 600
FIGURE 10-6. ELECTRICAL INSTALLATION (110HP) (LS) (SN 0160125925 to Present, SN 0160125626 through 0160125627) 604
FIGURE 10-7. AIR SHUT-OFF VALVE HARNESS - CAB 608
FIGURE 10-8. AIR SHUT-OFF VALVE HARNESS - ENGINE 610
FIGURE 10-9. BACKUP ALARM INSTALLATION 612
FIGURE 10-10. BACKUP ALARM INSTALLATION (WHITE NOISE) 614
FIGURE 10-11. REVERSE CAMERA 616
FIGURE 10-12. BACKUP CAMERA HARNESS 618
FIGURE 10-13. BATTERY INSTALLATION (Prior to SN 0160123722) 620
FIGURE 10-14. BATTERY INSTALLATION (SN 0160123722 to Present, Except SN 0160123740 through 0160123746, Except SN 0160123754 through 0160123755, Except SN 0160123765 through 0160123766) 622
FIGURE 10-15. BATTERY BLANKET INSTALLATION 624
FIGURE 10-16. BOOM EXTEND HARNESS (10054) 626
FIGURE 10-17. BREATHER HEATER INSTALLATION 628
FIGURE 10-18. CAB POWER DISTRIBUTION HARNESS 630
FIGURE 10-19. CAB POWER DISTRIBUTION HARNESS (SN 0160125925 to Present, SN 0160125626 through 0160125627) 636
FIGURE 10-20. GAUGE CLUSTER JUMPER HARNESS (SN 0160125925 to Present, SN 0160125626 through 0160125627) 640
FIGURE 10-21. CLEARSKY INSTALLATION - CANBUS 642
FIGURE 10-22. CLEARSKY INSTALLATION - CANBUS (CE) 644
FIGURE 10-23. CLEARSKY INSTALLATION - SMART FLEET (CLOSED CAB) (Prior to SN 0160126767) 646
FIGURE 10-24. CLEARSKY INSTALLATION - SMART FLEET (CLOSED CAB) (SN 0160126767 to Present) 648
FIGURE 10-25. CLEARSKY INSTALLATION - SMART FLEET (OPEN CAB) (Prior to SN 0160126767) 650
FIGURE 10-26. CLEARSKY INSTALLATION - SMART FLEET (OPEN CAB) (SN 0160126767 to Present) 652
FIGURE 10-27. CLEARSKY TELEMATICS HARNESS (CANBUS) 654
FIGURE 10-28. CLEARSKY TELEMATICS GATEWAY PLUS INSTALLATION 656
FIGURE 10-29. CLEARSKY HARNESS - 3-WIRE 658
FIGURE 10-30. CLEARSKY TELEMATICS 3-WIRE INSTALLATION 660
FIGURE 10-31. CLEARSKY TELEMATICS 3-WIRE HARNESS 662
FIGURE 10-32. COLD WEATHER PACKAGE (ULS) 664
FIGURE 10-33. COLD WEATHER PACKAGE (LS) 666
FIGURE 10-34. CONTROLLER 668
FIGURE 10-35. ENGINE HARNESS (74HP) 670
FIGURE 10-36. ENGINE HARNESS (110HP ULS) 676
FIGURE 10-37. ENGINE HARNESS (110HP LS) 684
FIGURE 10-38. HVAC HARNESS 688
FIGURE 10-39. BEACON INSTALLATION (OPEN CAB) 690
FIGURE 10-40. BEACON INSTALLATION (ENCLOSED CAB) 692
FIGURE 10-41. BEACON OPTION HARNESS 694
FIGURE 10-42. LIGHTS - BOOM WORK LIGHT HARNESS 696
FIGURE 10-43. LIGHTS - LED WORK LIGHT PACKAGE INSTALLATION 698
FIGURE 10-44. LIGHTS - ROADLIGHT PACKAGE INSTALLATION 700

TABLE OF CONTENTS

FIGURE 10-45. LIGHTS - ROAD LIGHT ASSEMBLY (LH) 702
FIGURE 10-46. LIGHTS - ROAD LIGHT ASSEMBLY (RH) 704
FIGURE 10-47. LIGHTS - ROAD LIGHT BRACKET ASSEMBLY (LH) 706
FIGURE 10-48. LIGHTS - ROAD LIGHT BRACKET ASSEMBLY (RH) 708
FIGURE 10-49. LIGHTS - ROAD LIGHT WORK LIGHT HARNESS 710
FIGURE 10-50. LIGHTS - WORK LIGHT OPTIONS HARNESS 712
FIGURE 10-51. LIGHTS - WORK LIGHT ASSEMBLY - LED (LH) 714
FIGURE 10-52. LIGHTS - WORK LIGHT ASSEMBLY - LED (RH) 716
FIGURE 10-53. LOGIC HARNESS (10054) 718
FIGURE 10-54. RELAY PANEL INSTALLATION 720
FIGURE 10-55. RELAY PANEL COVER INSTALLATION 722
FIGURE 10-56. REVERSE SENSING SYSTEM INSTALLATION 724
FIGURE 10-57. REVERSE SENSING HARNESS 726
FIGURE 10-58. ROAD LIGHT OPTION HARNESS 728
FIGURE 10-59. SEAT BELT ALARM HARNESS 730
FIGURE 10-60. TANK BLANKET INSTALLATION 732
FIGURE 10-61. TBAP HARNESS 734
FIGURE 10-62. WIPER HARNESS 736

SECTION 11 - DECALS 739

FIGURE 11-1. DECALS INSTALLATION - 74HP (ANSI SPECS) 740
FIGURE 11-2. DECALS INSTALLATION - 74HP (ANSI SPECS) (SN 0160123816 through 0160123738, SN 0160123751 through 0160123753, SN 0160123775 through 0160123776, SN 0160123778 through 0160123808, Including 0160123764 and 0160123767) 744
FIGURE 11-3. DECAL INSTALLATION HRC 74HP 748
FIGURE 11-4. DECAL INSTALLATION HRC 74HP (SN 0160123816 through 0160123738, SN 0160123751 through 0160123753, SN 0160123775 through 0160123776, SN 0160123778 through 0160123808, Including 0160123764 and 0160123767) 752
FIGURE 11-5. DECALS INSTALLATION - 74HP (ENGLISH/FRENCH SPECS) 756
FIGURE 11-6. DECALS INSTALLATION - 74HP (ENGLISH/FRENCH SPECS) (SN 0160123816 through 0160123738, SN 0160123751 through 0160123753, SN 0160123775 through 0160123776, SN 0160123778 through 0160123808, Including 0160123764 and 0160123767) 760
FIGURE 11-7. DECALS INSTALLATION - 74HP ULS (ENGLISH/SPANISH SPECS) 764
FIGURE 11-8. DECALS INSTALLATION - 74HP ULS (ENGLISH/SPANISH SPECS) (SN 0160123816 through 0160123738, SN 0160123751 through 0160123753, SN 0160123775 through 0160123776, SN 0160123778 through 0160123808, Including 0160123764 and 0160123767) 768
FIGURE 11-9. DECALS INSTALLATION - 110HP ULS (ANSI SPECS) 772
FIGURE 11-10. DECALS INSTALLATION - 110HP ULS (ANSI SPECS) (SN 0160123816 through 0160123738, SN 0160123751 through 0160123753, SN 0160123775 through 0160123776, SN 0160123778 through 0160123808, Including 0160123764 and 0160123767) 776
FIGURE 11-11. DECAL INSTALLATION HRC 110HP 780
FIGURE 11-12. DECAL INSTALLATION HRC 110HP (SN 0160123816 through 0160123738, SN 0160123751 through 0160123753, SN 0160123775 through 0160123776, SN 0160123778 through 0160123808, Including 0160123764 and 0160123767) 784
FIGURE 11-13. DECALS INSTALLATION - 110HP ULS (ENGLISH/FRENCH SPECS) 788
FIGURE 11-14. DECALS INSTALLATION - 110HP ULS (ENGLISH/FRENCH SPECS) 792
FIGURE 11-15. DECALS INSTALLATION - 110HP ULS (ENGLISH/SPANISH SPECS) 796
FIGURE 11-16. DECALS INSTALLATION - 110HP ULS (ENGLISH/SPANISH SPECS) (SN 0160123816 through 0160123738, SN 0160123751 through 0160123753, SN 0160123775 through 0160123776, SN 0160123778 through 0160123808, Including 0160123764 and 0160123767) 800

FIGURE 11-17. DECALS INSTALLATION - 110HP LS (ISO DECALS) 804
FIGURE 11-18. DECALS INSTALLATION - 110HP LS (ISO DECALS) (SN 0160123816 through 0160123738, SN 0160123751 through 0160123753, SN 0160123775 through 0160123776, SN 0160123778 through 0160123808, Including 0160123764 and 0160123767) 808
FIGURE 11-19. BOOM DECALS INSTALLATION 812
FIGURE 11-20. CLEARSKY DECALS INSTALLATION 814
FIGURE 11-21. LOAD CHART BOOKLET (ANSI) 816
FIGURE 11-22. LOAD CHART BOOKLET (ISO) 818
FIGURE 11-23. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH) 820
FIGURE 11-24. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH/FRENCH) 822
FIGURE 11-25. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH/SPANISH) 824
FIGURE 11-26. REVERSE SENSING SYSTEM DECAL INSTALLATION (ISO) 826

SECTION 12 - RECOMMENDED SERVICE PARTS STOCK 829

FIGURE 12-1. RECOMMENDED SERVICE PARTS STOCK 830

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS 833

FIGURE 13-1. SPECIAL OPTIONS/ACCESSORIES/KITS 834

PART NUMBER INDEX 837

SECTION 1 - FRAME AND ATTACHING PARTS

SECTION 1 - FRAME AND ATTACHING PARTS

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

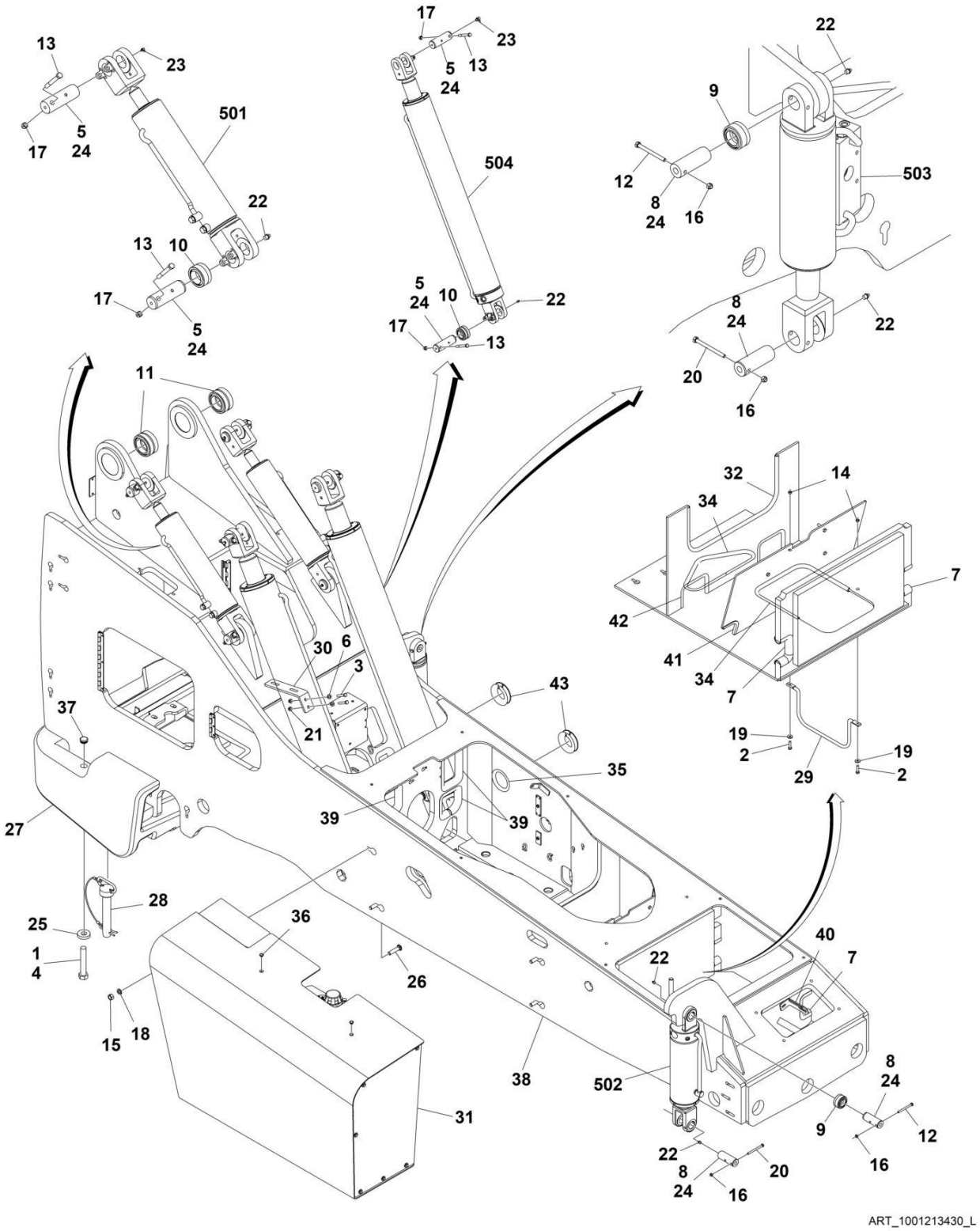


FIGURE 1-1. FRAME COMPONENTS INSTALLATION (74HP ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213430	Ref	Frame Components Installation, 74HP ULS	L
1	0100019	AR	Compound, Locking	
2	0641510	2	Bolt, 5/16 X 1	
3	0641618	2	Bolt, 3/8 X 2-1/4	
4	0682648	4	Bolt, 1 X 6	
5	3423227	8	Pin, Cylinder	
6	4891600	2	Washer, 3/8	
7	7124451	4	Conduit, 1X8	
8	7137142	4	Pin, Cylinder	
9	8050001	2	Bearing, Self-Align	
10	8065640	4	Bearing, Self-Align	
11	8065641	2	Bearing, Self-Align	
12	8303752	2	Bolt, 5/16 X 3-1/2	
13	8303782	8	Bolt, 1/2 X 4	
14	8305006	2	Nut 5/16	
15	8305014	4	Nut 5/8	
16	8305626	4	Nut 5/16	
17	8305644	8	Nut 1/2	
18	8307009	4	Washer 5/8	
19	8307203	2	Washer 5/16	
20	8310039	2	Bolt 5/16 X 3-3/4	
21	8310522	2	Nut 3/8	
22	8520001	1	Fitting, Straight	
23	8520003	4	Fitting, 90	
24	8522012	AR	Lube, Anti-Seize	
25	80241137	4	Washer	
26	88411148	4	Bolt 5/8 X 2-3/4	
27	1001208664	NLA	Counterweight, Rear	
28	1001160250	1	Pin, Hitch	
29	1001165057	1	Bracket, Cab Hose	
30	1001166238	1	Bracket, Air Filter	
30	1001227211	Ref	Fuel/Hydraulic Tank Assembly (See Separate Breakdown in this Section)	
32	1001172658	1	Conduit, 1/2X41	
34	1001177190	2	Conduit, 1/2X28	
35	1001177192	1	Conduit, 1/2X12-1/2	
36	1001195826	2	Plug, 1/2	
37	1001195952	2	Plug, Tube	
38	1001201554	NLA	Weldment, Frame	
39	1001174227	7	Conduit, 1X21-1/2	
40	4060804	4 in	Flex-Trim	
41	4060805	6 in	Flex-Trim	
42	7124301	2	Conduit, 1/2X15-1/2	
43	7124471	2	Conduit, 1X12-1/2	
500	1001201693	Ref	Cylinder Kit (Not Shown)	G
501	2714973	2	Cylinder, Compensation (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
502	1001180762	1	Cylinder, Frame Level (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 1 - FRAME AND ATTACHING PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
503	2717198	1	Cylinder, Stabil-Trak (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
504	1001296322	2	Cylinder, Lift (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 1 - FRAME AND ATTACHING PARTS

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

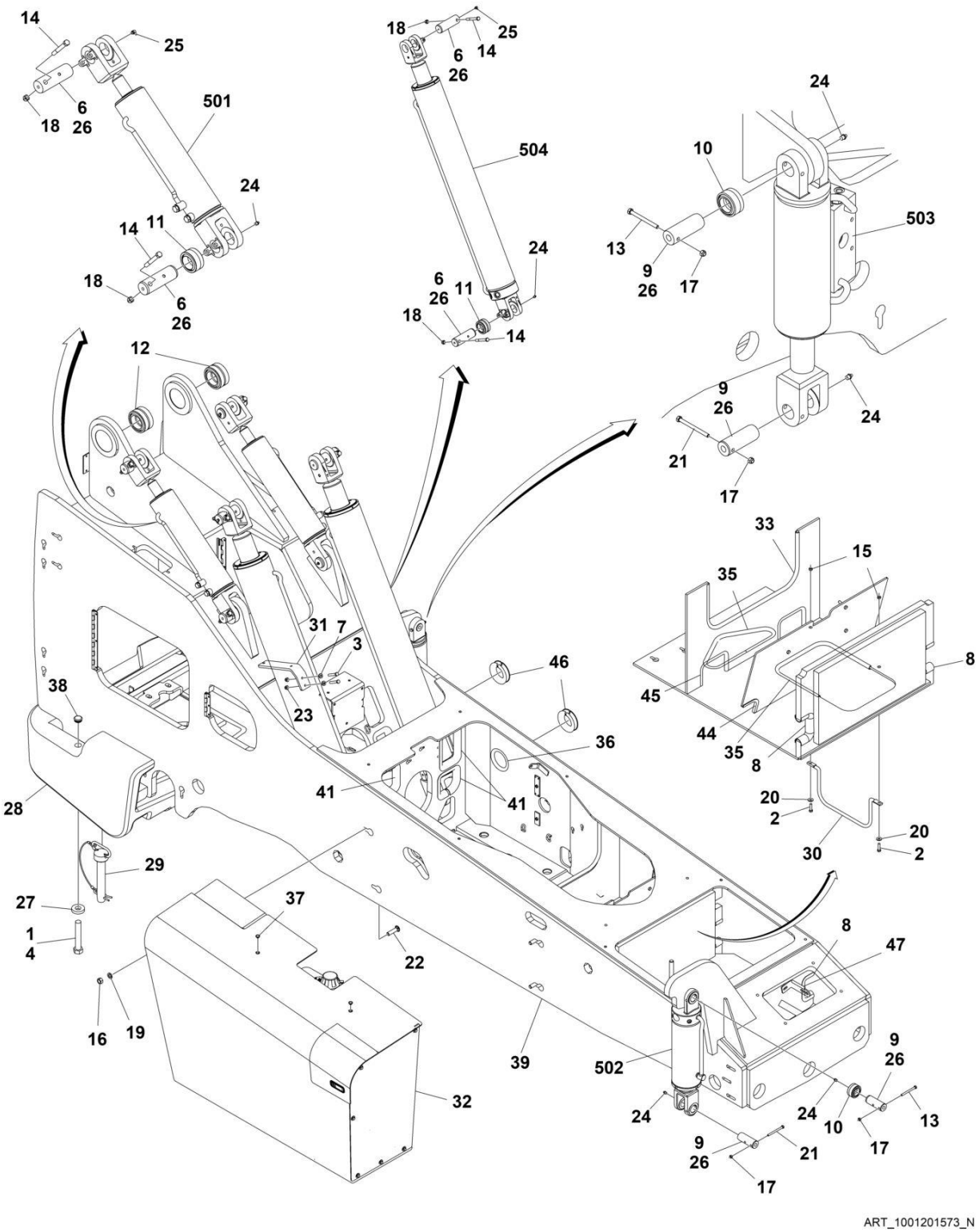


FIGURE 1-2. FRAME COMPONENTS INSTALLATION (110HP ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201573	Ref	Frame Components Installation, 110HP ULS	N
1	0100019	AR	Compound, Locking	
2	0641510	2	Bolt, 5/16 X 1	
3	0641618	2	Bolt, 3/8 x 2-1/4	
4	0682648	4	Bolt, 1 -8X6	
6	3423227	8	Pin, Cylinder	
7	4891600	2	Washer, 3/8	
8	7124451	4	Conduit, 1X8	
9	7137142	4	Pin, Cylinder	
10	8050001	2	Bearing, Self-Align	
11	8065640	4	Bearing, Self-Align	
12	8065641	2	Bearing, Self-Align	
13	8303752	2	Bolt, 5/16 X 3-1/2	
14	8303782	8	Bolt, 1/2 X 4	
15	8305006	2	Nut 5/16	
16	8305014	4	Nut 5/8	
17	8305626	4	Nut 5/16	
18	8305644	8	Nut 1/2	
19	8307009	4	Washer 5/8	
20	8307203	2	Washer 5/16	
21	8310039	2	Bolt 5/16 X 3-3/4	
22	88411148	4	Bolt 5/8 X 2-3/4	
23	8310522	2	Nut 3/8	
24	8520001	8	Fitting, Straight	
25	8520003	4	Fitting, 90	
26	8522012	AR	Lube, Anti-Seize	
27	80241137	4	Washer	
28	1001208664	NLA	Counterweight, Rear	
29	1001160250	1	Pin, Hitch	
30	1001165057	1	Bracket, Cab Hose	
31	1001166238	1	Bracket, Air Filter	
32	1001169329	1	Installation, Hydraulic/Fuel/DEF Tank (See Separate Breakdown in this Section)	
33	1001172658	1	Conduit, 1/2X41	
35	1001177190	2	Conduit, 1/2X28	
36	1001177192	1	Conduit, 1/2X12-1/2	
37	1001195826	2	Plug, 1/2	
38	1001195952	2	Plug, Tube	
39	1001201554	NLA	Weldment, Frame	
41	1001174227	7	Conduit, 1X21-1/2	
44	4060805	6 in	Flex-Trim	
45	7124301	2	Conduit, 1/2X15-1/2	
46	7124471	2	Conduit, 1X12.5	
47	4060804	4 in	Flex-Trim	
500	1001201693	Ref	Cylinder Kit (Not Shown)	G
501	2714973	2	Cylinder, Compensation (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
502	1001180762	1	Cylinder, Frame Level (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 1 - FRAME AND ATTACHING PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
503	2717198	1	Cylinder, Stabil-Trak (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
504	1001296322	2	Cylinder, Lift (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 1 - FRAME AND ATTACHING PARTS

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

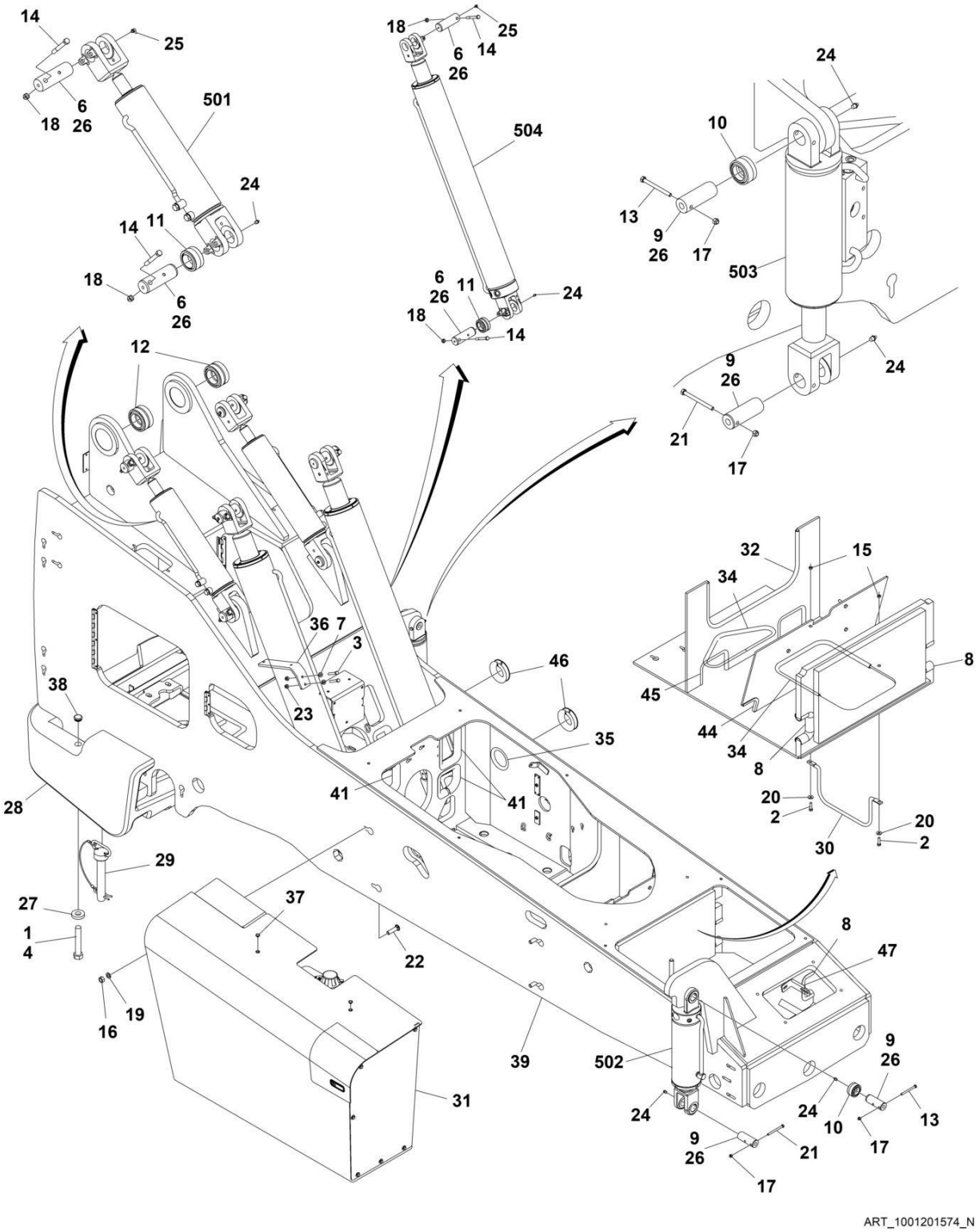


FIGURE 1-3. FRAME COMPONENTS INSTALLATION (110HP LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201574	Ref	Frame Components Installation - LS	N
1	0100019	AR	Compound, Locking	
2	0641510	2	Bolt 5/16 X 1	
3	0641618	2	Bolt 3/8 X 2-1/4	
4	0682648	4	Bolt, 1 X 6	
6	3423227	8	Pin, Cylinder	
7	4891600	2	Washer, 3/8	
8	7124451	4	Conduit, 1X8	
9	7137142	4	Pin, Cylinder	
10	8050001	2	Bearing, Self-Align	
11	8065640	4	Bearing, Self-Align	
12	8065641	2	Bearing, Self-Align	
13	8303752	2	Bolt 5/16 X 3-1/2	
14	8303782	8	Bolt 1/2 X 4	
15	8305006	2	Nut 5/16	
16	8305014	4	Nut 5/8	
17	8305626	4	Nut 5/16	
18	8305644	8	Nut 1/2	
19	8307009	4	Washer 5/8	
20	8307203	2	Washer 5/16	
21	8310039	2	Bolt 5/16 X 3-3/4	
22	88411148	4	Bolt 5/8 X 2-3/4	
23	8310522	2	Nut 3/8	
24	8520001	8	Fitting, Straight	
25	8520003	4	Fitting, 90	
26	8522012	AR	Lube, Anti-Seize	
27	80241137	4	Washer	
28	1001208664	NLA	Counterweight, Rear	
29	1001160250	1	Pin, Hitch	
30	1001165057	1	Bracket, Cab Hose	
31	1001169466	1	Weldment, Fuel/Hydraulic/DEF Tank (See Separate Breakdown in this Section)	
32	1001172658	1	Conduit, 1/2X41	
34	1001177190	2	Conduit, 1/2X28	
35	1001177192	1	Conduit, 1/2X12-1/2	
36	1001190007	1	Bracket, Air Filter	
37	1001195826	2	Plug	
38	1001195952	2	Plug, Tube	
39	1001201554	NLA	Weldment, Frame	
41	1001174227	7	Conduit, 1X21-1/2	
44	4060805	6 in	Flex-Trim	
45	7124301	2	Conduit, 1/2X15-1/2	
46	7124471	2	Conduit, 1X12-1/2	
47	4060804	4 in	Flex-Trim	
500	1001201693	Ref	Cylinder Kit (Not Shown)	G
501	2714973	2	Cylinder, Compensation (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
502	1001180762	1	Cylinder, Frame Level (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 1 - FRAME AND ATTACHING PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
503	2717198	1	Cylinder, Stabil-Trak (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
504	1001296322	2	Cylinder, Lift (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

FIGURE 1-4. TANKS ASSEMBLY - HYDRAULIC/FUEL/DEF (74HP ULS)

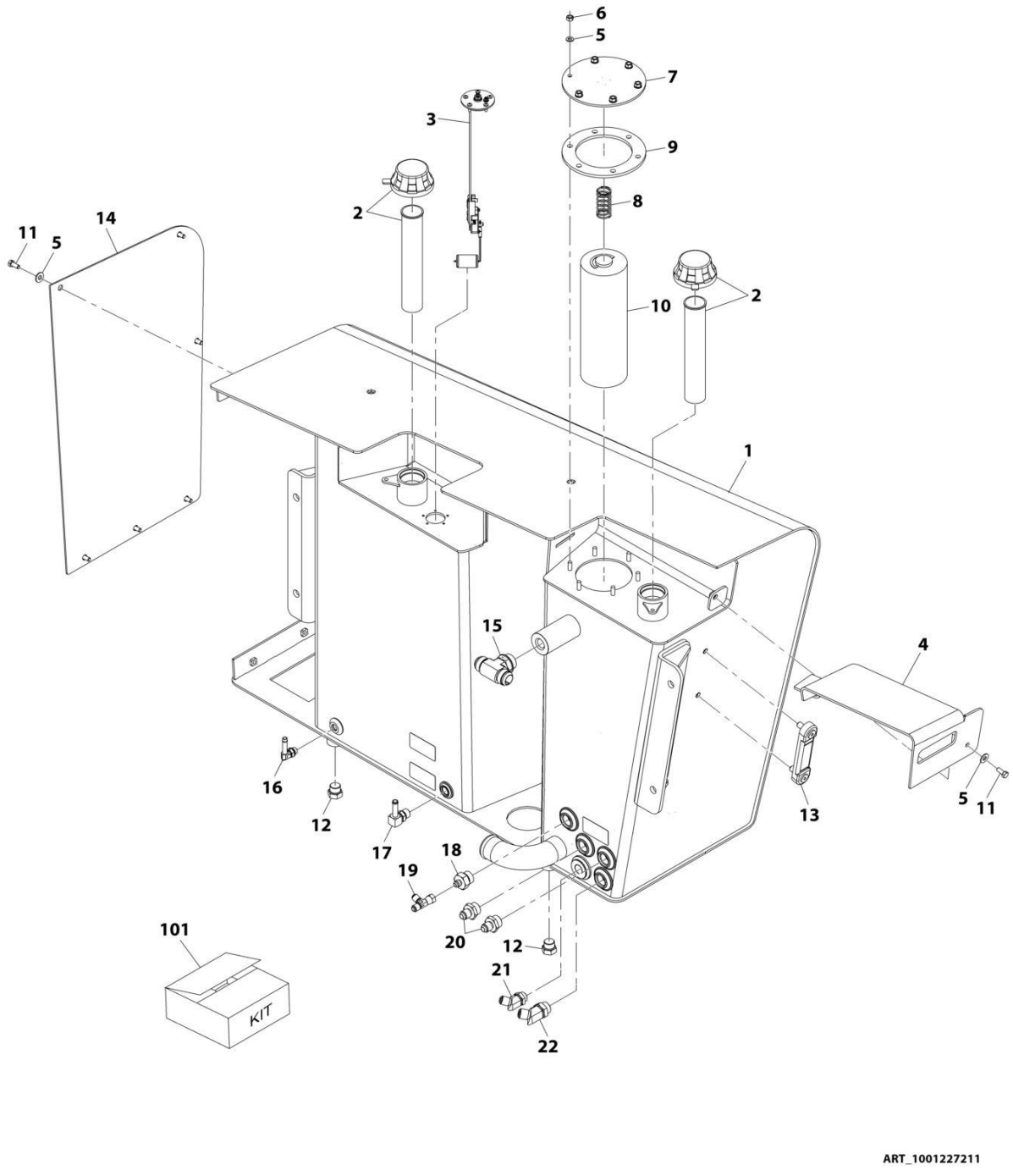


FIGURE 1-4. TANKS ASSEMBLY - HYDRAULIC/FUEL/DEF (74HP ULS)

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 1-5. TANKS INSTALLATION - HYDRAULIC/FUEL/DEF (110HP ULS)

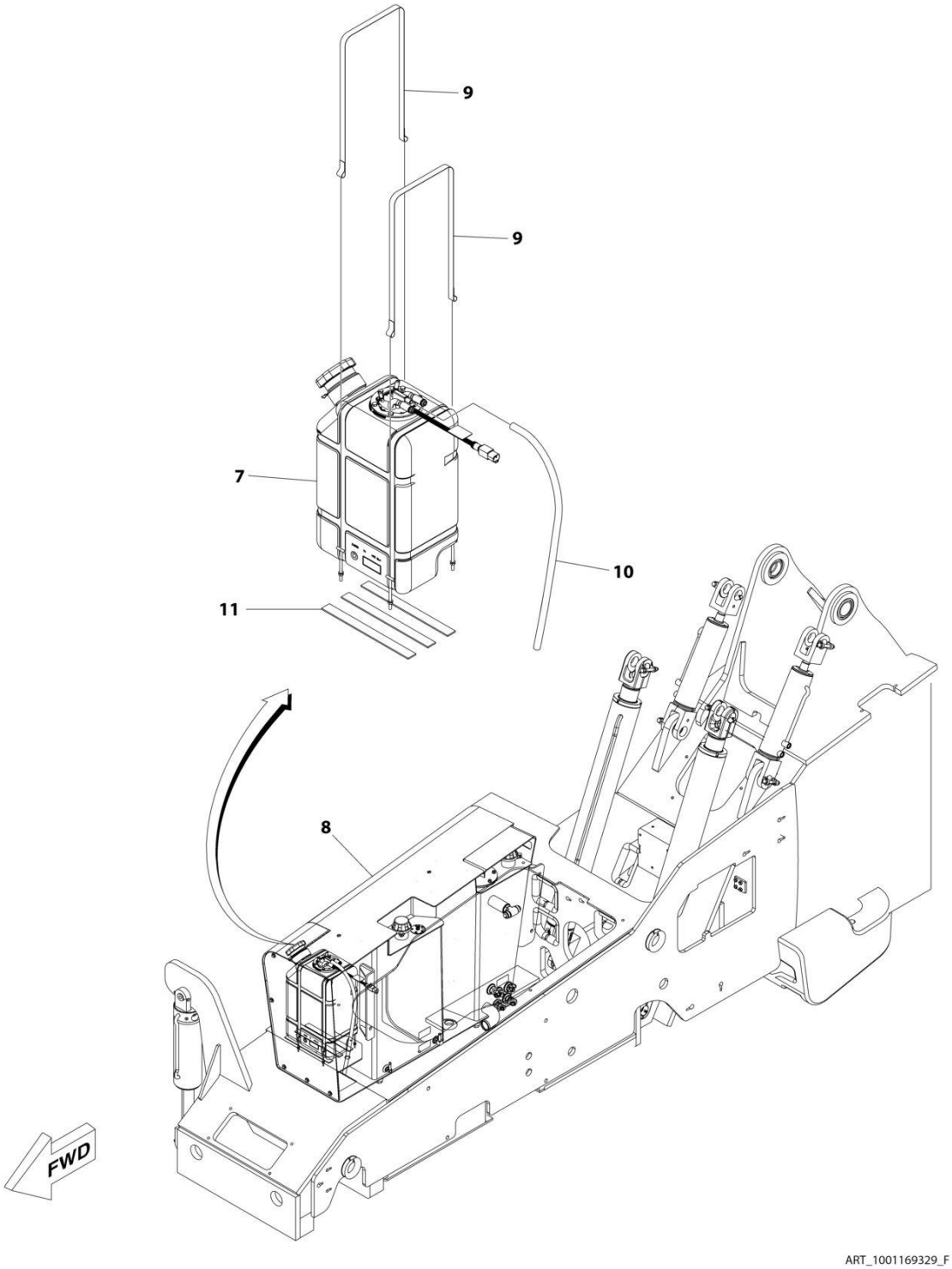


FIGURE 1-5. TANKS INSTALLATION - HYDRAULIC/FUEL/DEF (110HP ULS)

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 1-6. TANKS ASSEMBLY - HYDRAULIC/FUEL (110HP ULS & LS)

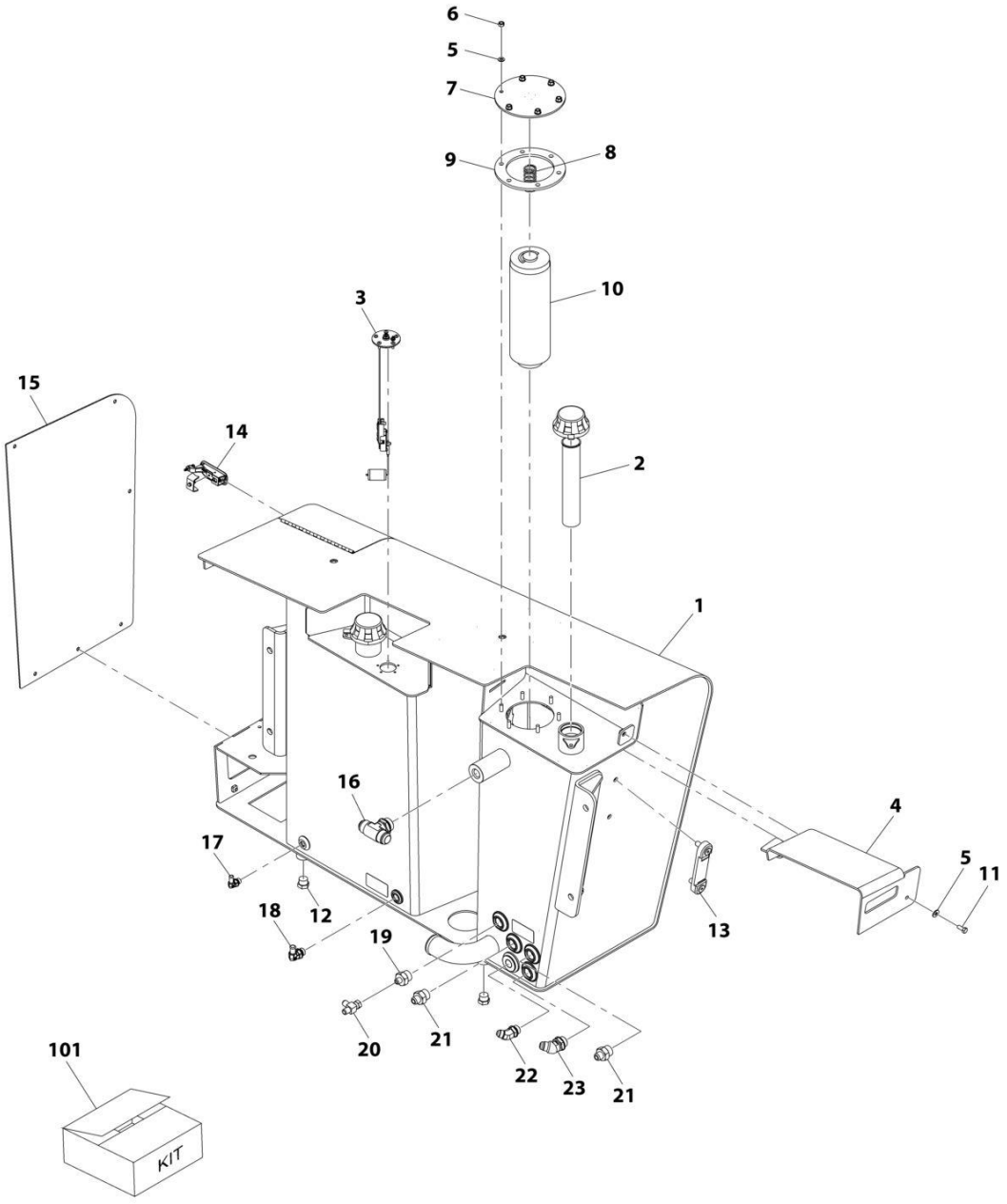
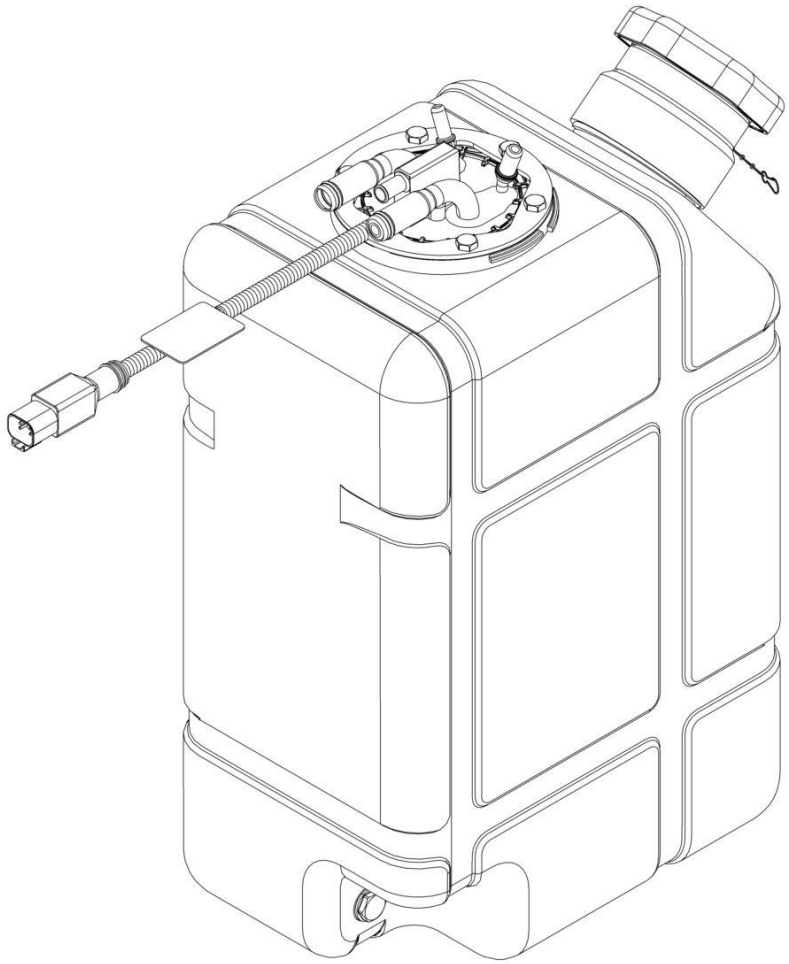


FIGURE 1-6. TANKS ASSEMBLY - HYDRAULIC/FUEL (110HP ULS & LS)

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)	

FIGURE 1-7. DEF TANK ASSEMBLY (110HP ULS)



ART_1001228986-A

FIGURE 1-7. 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 1-8. FRAME COVERS INSTALLATION (74HP ULS)

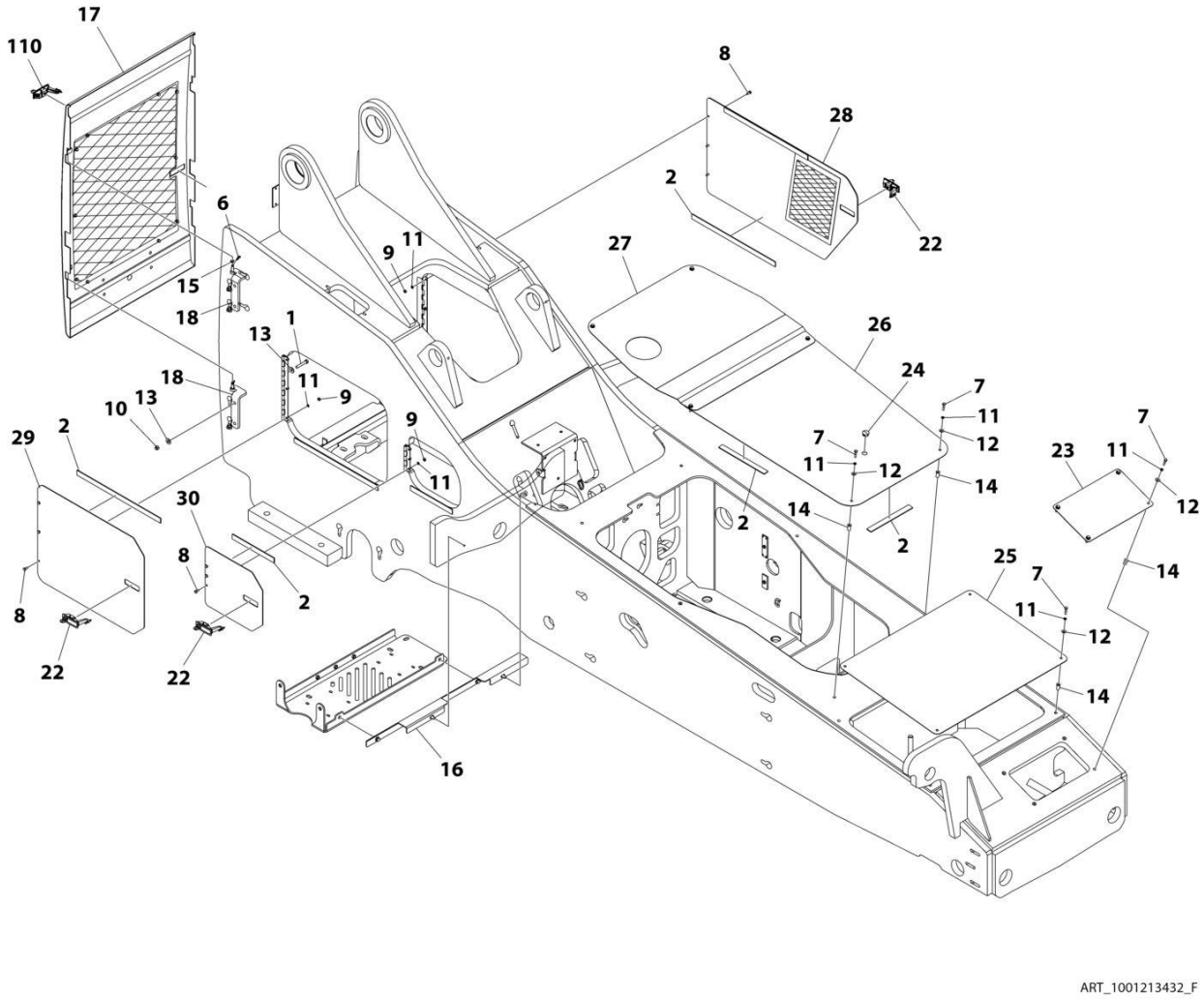


FIGURE 1-8. FRAME COVERS INSTALLATION (74HP ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213432	Ref	FRAME COVERS INSTALLATION	F
1	0641618	4	Bolt 3/8 x 2-1/4	
2	4420037	190 in	Tape, Insulation	
6	8302470	2	Pin, Hair	
7	8303615	14	Bolt 1/4 x 1-1/4	
8	8303729	9	Bolt 1/4 x 5/8	
9	8305004	9	Nut 1/4	
10	8305645	4	Nut 3/8	
11	8307002	23	Washer 1/4	
12	8307202	14	Washer 1/4	
13	8307204	8	Washer 3/8	
14	8580420	14	Nut, Well	
15	10732150	2	Washer M10	
16	1001127864	1	Installation, Dust Shield (See Separate Breakdown in this Section)	
17	1001156283	1	Door, Rear (Includes Item 110)	O
18	1001159319	2	Mount, Rear Door	
22	1001190341	3	Latch, Adjustable Trigger	
23	1001192390	1	Cover, Front	
24	3520030	1	Plug	
25	7139047	1	Cover, Counterweight	
26	1001242035	1	Cover, Lower Transmission	
27	7139407	1	Cover, Upper Transmission	
28	1001169006	1	Panel, Left Side Access	
29	1001171384	1	Panel, Engine Access Right Side	
30	1001171385	1	Panel, Air Cleaner Access	
110	1001190341	1	Latch, Adjustable Trigger	

FIGURE 1-9. FRAME COVERS INSTALLATION (74HP WITH AIR SHUT OFF VALVE)

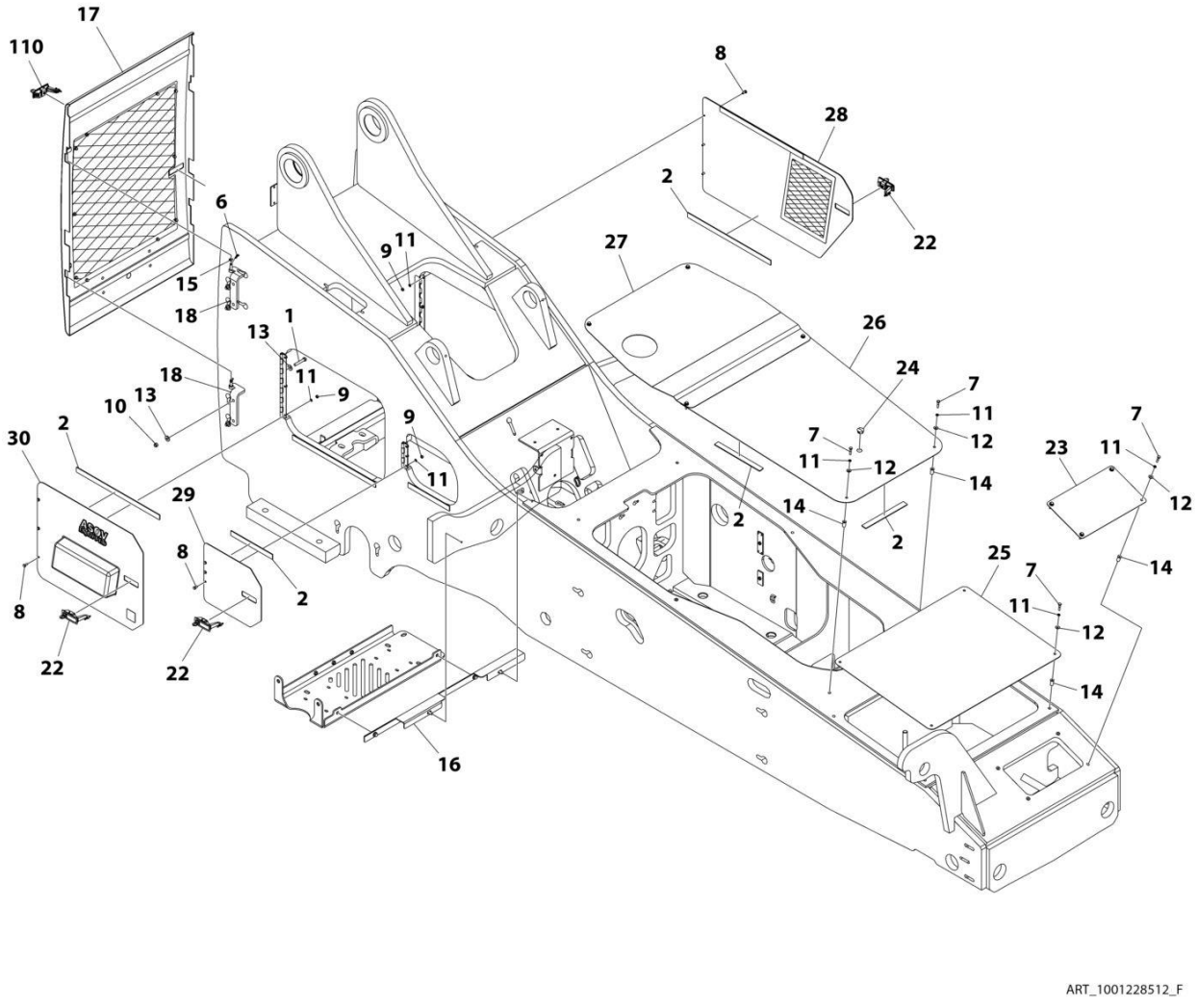


FIGURE 1-9. FRAME COVERS INSTALLATION (74HP WITH AIR SHUT OFF VALVE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228512	Ref	FRAME COVERS INSTALLATION	F
1	0641618	4	Bolt 3/8 x 2-1/4	
2	4420037	190 in	Tape, Insulation	
6	8302470	2	Pin, Hair	
7	8303615	14	Bolt 1/4 x 1-1/4	
8	8303729	9	Bolt 1/4 x 5/8	
9	8305004	9	Nut 1/4	
10	8305645	4	Nut 3/8	
11	8307002	23	Washer 1/4	
12	8307202	14	Washer 1/4	
13	8307204	8	Washer 3/8	
14	8580420	14	Nut, Well	
15	10732150	2	Washer M10	
16	1001127864	1	Installation, Dust Shield (See Separate Breakdown in this Section)	
17	1001156283	1	Door, Rear (Includes Item 110)	O
18	1001159319	2	Mount, Rear Door	
22	1001190341	3	Latch, Adjustable Trigger	
23	1001192390	1	Cover, Front	
24	3520030	1	Plug	
25	7139047	1	Cover, Counterweight	
26	1001242035	1	Cover, Lower Transmission	
27	7139407	1	Cover, Upper Transmission	
28	1001169006	1	Panel, Left Side Access	
29	1001171385	1	Panel, Air Cleaner Access	
30	1001216291	1	Panel, Engine Access Right Side	
110	1001190341	1	Latch, Adjustable Trigger	

FIGURE 1-10. FRAME COVERS INSTALLATION (110HP ULS)

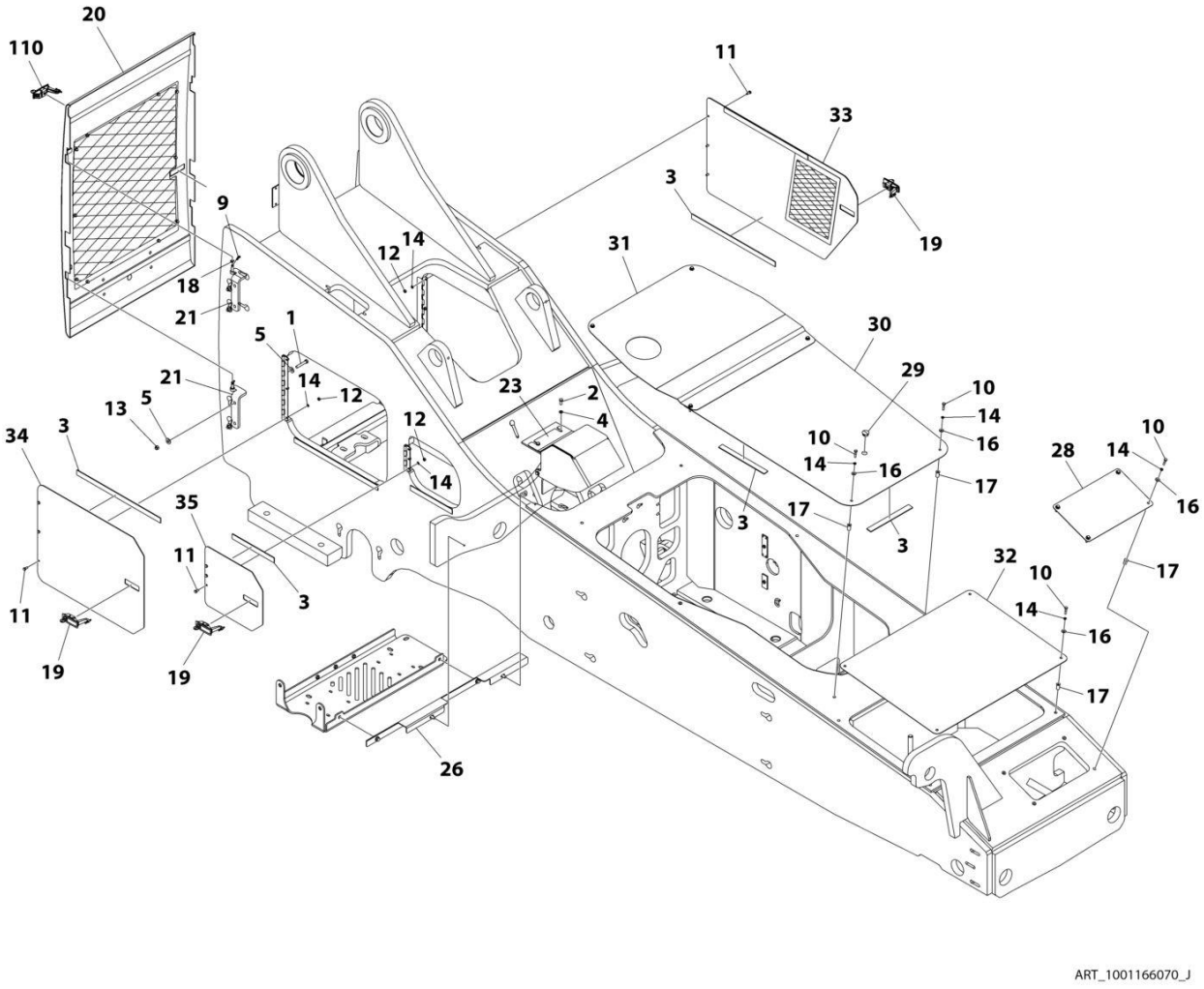


FIGURE 1-10. FRAME COVERS INSTALLATION (110HP ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166070	Ref	FRAME COVERS INSTALLATION	J
1	0641618	4	Bolt 3/8 x 2-1/4	
2	0760810	4	Bolt M8 x 20	
3	4420037	190 in	Tape, Insulation	
4	4811900	4	Washer M8	
5	8307204	8	Washer 3/8	
9	8302470	2	Pin, Hair	
10	8303615	14	Bolt 1/4 x 1-1/4	
11	8303729	9	Bolt 1/4 x 5/8	
12	8305004	9	Nut 1/4	
13	8305645	4	Nut 3/8	
14	8307002	23	Washer 1/4	
16	8307202	14	Washer 1/4	
17	8580420	14	Nut, Well	
18	10732150	2	Washer M10	
19	1001190341	3	Latch, Adjustable Trigger	
20	1001156283	1	Door, Rear (Includes Item 110)	O
21	1001159319	2	Mount, Rear Door	
23	1001169172	1	Cover, DEF Supply	
26	1001127864	1	Installation, Dust Shield (See Separate Breakdown in this Section)	
28	1001192390	1	Cover, Front	
29	3520030	1	Plug	
30	1001242035	1	Cover, Lower Transmission	
31	7139407	1	Cover, Upper Transmission	
32	7139047	1	Cover, Counterweight	
33	1001169006	1	Panel, Left Side Access	
34	1001171384	1	Panel, Engine Access Right Side	
35	1001171385	1	Panel, Air Cleaner Access	
110	1001190341	1	Latch, Adjustable Trigger	

FIGURE 1-11. FRAME COVERS INSTALLATION (110HP ULS WITH AIR SHUT OFF VALVE)

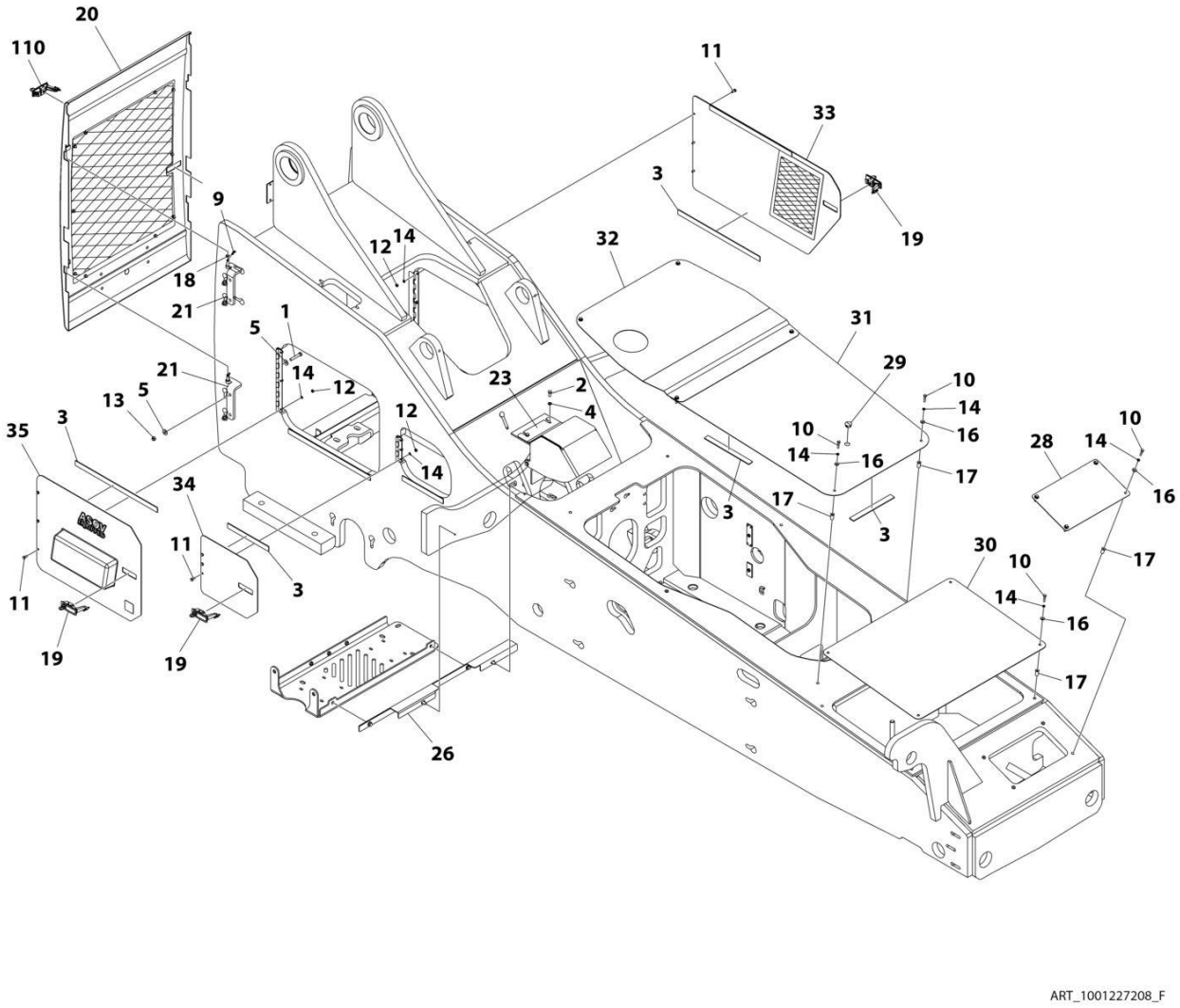


FIGURE 1-11. FRAME COVERS INSTALLATION (110HP ULS WITH AIR SHUT OFF VALVE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227208	Ref	FRAME COVERS INSTALLATION	F
1	0641618	4	Bolt 3/8 x 2-1/4	
2	0760810	4	Bolt M8 x 20	
3	4420037	190 in	Tape, Insulation	
4	4811900	4	Washer M8	
5	8307204	8	Washer 3/8	
9	8302470	2	Pin, Hair	
10	8303615	14	Bolt 1/4 x 1-1/4	
11	8303729	9	Bolt 1/4 x 5/8	
12	8305004	9	Nut 1/4	
13	8305645	4	Nut 3/8	
14	8307002	23	Washer 1/4	
16	8307202	14	Washer 1/4	
17	8580420	14	Nut, Well	
18	10732150	2	Washer M10	
19	1001190341	3	Latch, Adjustable Trigger	
20	1001156283	1	Door, Rear (Includes Item 110)	O
21	1001159319	2	Mount, Rear Door	
23	1001169172	1	Cover, DEF Supply	
26	1001127864	1	Installation, Dust Shield (See Separate Breakdown in this Section)	
28	1001192390	1	Cover, Front	
29	3520030	1	Plug	
30	7139047	1	Cover, Counterweight	
31	1001242035	1	Cover, Lower Transmission	
32	7139407	1	Cover, Upper Transmission	
33	1001169006	1	Panel, Left Side Access	
34	1001171385	1	Panel, Air Cleaner Access	
35	1001216291	1	Panel, Engine Access Right Side	
110	1001190341	1	Latch, Adjustable Trigger	

FIGURE 1-12. FRAME COVERS INSTALLATION (110HP LS)

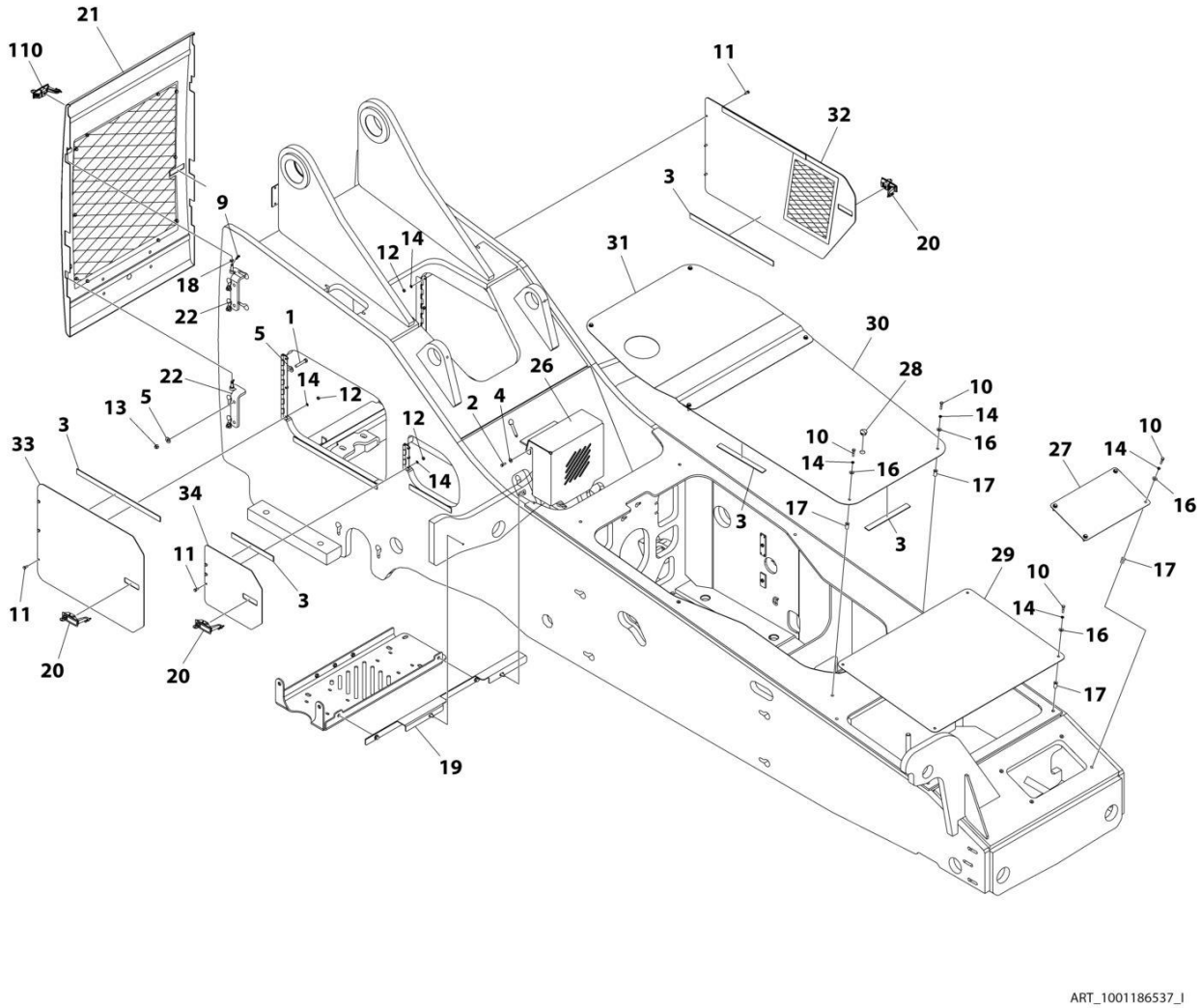


FIGURE 1-12. FRAME COVERS INSTALLATION (110HP LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186537	Ref	FRAME COVERS INSTALLATION	I
1	0641618	4	Bolt 3/8 x 2-1/4	
2	0760610	3	Bolt M6 x 20	
3	4420037	190 in	Tape, Insulation	
4	4811702	3	Washer M6	
5	8307204	8	Washer 3/8	
9	8302470	2	Pin, Hair	
10	8303615	14	Bolt 1/4 x 1-1/4	
11	8303729	9	Bolt 1/4 x 5/8	
12	8305004	9	Nut 1/4	
13	8305645	4	Nut 3/8	
14	8307002	23	Washer 1/4	
16	8307202	14	Washer 1/4	
17	8580420	14	Nut, Well	
18	10732150	2	Washer M10	
19	1001127864	1	Installation, Dust Shield (See Separate Breakdown in this Section)	
20	1001190341	3	Latch, Adjustable Trigger	
21	1001156283	1	Door, Rear (Includes Item 110)	O
22	1001159319	2	Mount, Rear Door	
26	1001211690	1	Bracket, ECM Cover	
27	1001192390	1	Cover, Front	
28	3520030	1	Plug	
29	7139047	1	Cover, Counterweight	
30	1001242035	1	Cover, Lower Transmission	
31	7139407	1	Cover, Upper Transmission	
32	1001169006	1	Panel, Left Side Access	
33	1001171384	1	Panel, Engine Access Right Side	
34	1001171385	1	Panel, Air Cleaner Access	
110	1001190341	1	Latch, Adjustable Trigger	

FIGURE 1-13. DUST SHIELD INSTALLATION

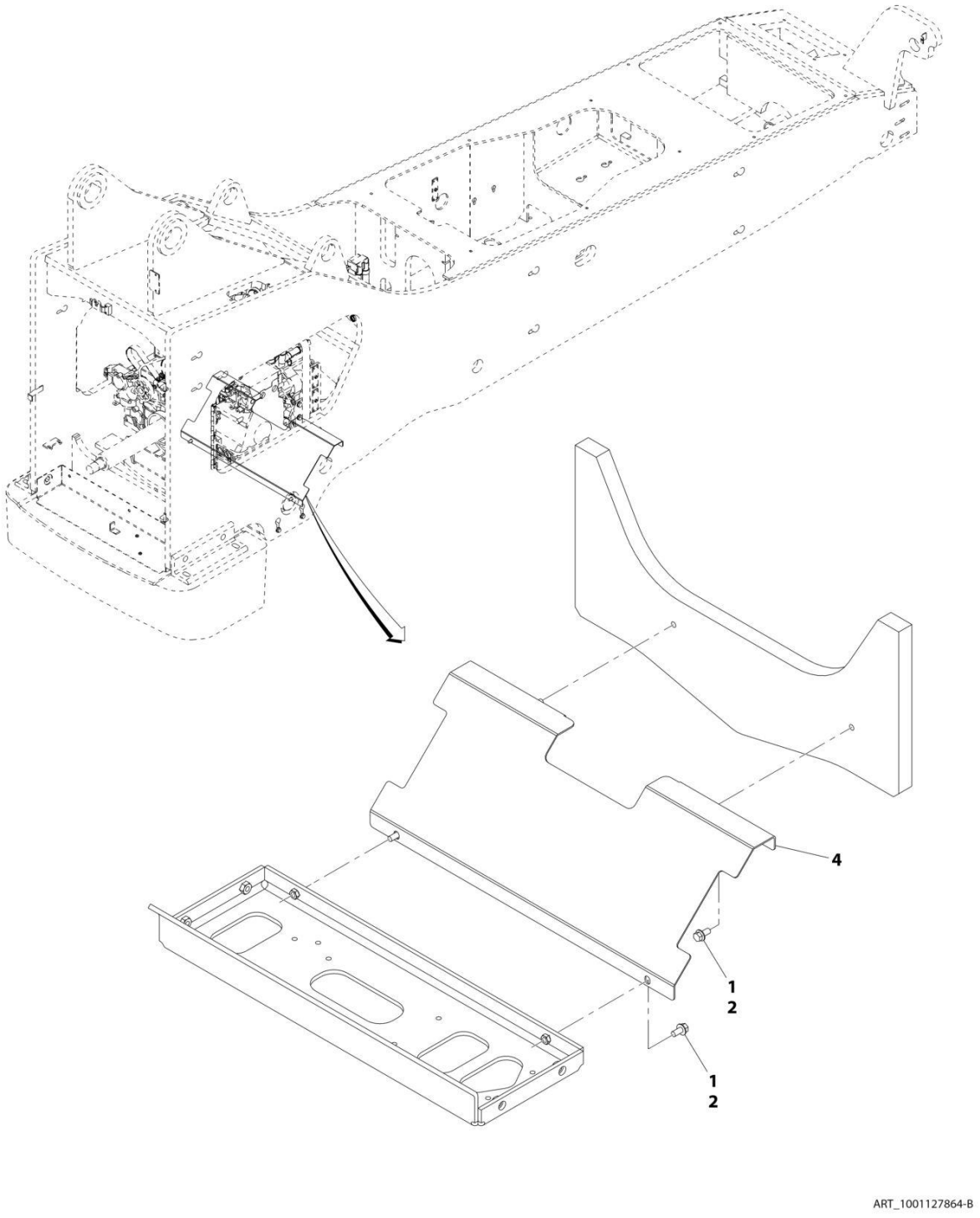


FIGURE 1-13. DUST SHIELD INSTALLATION

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 1-14. OUTRIGGER INSTALLATION

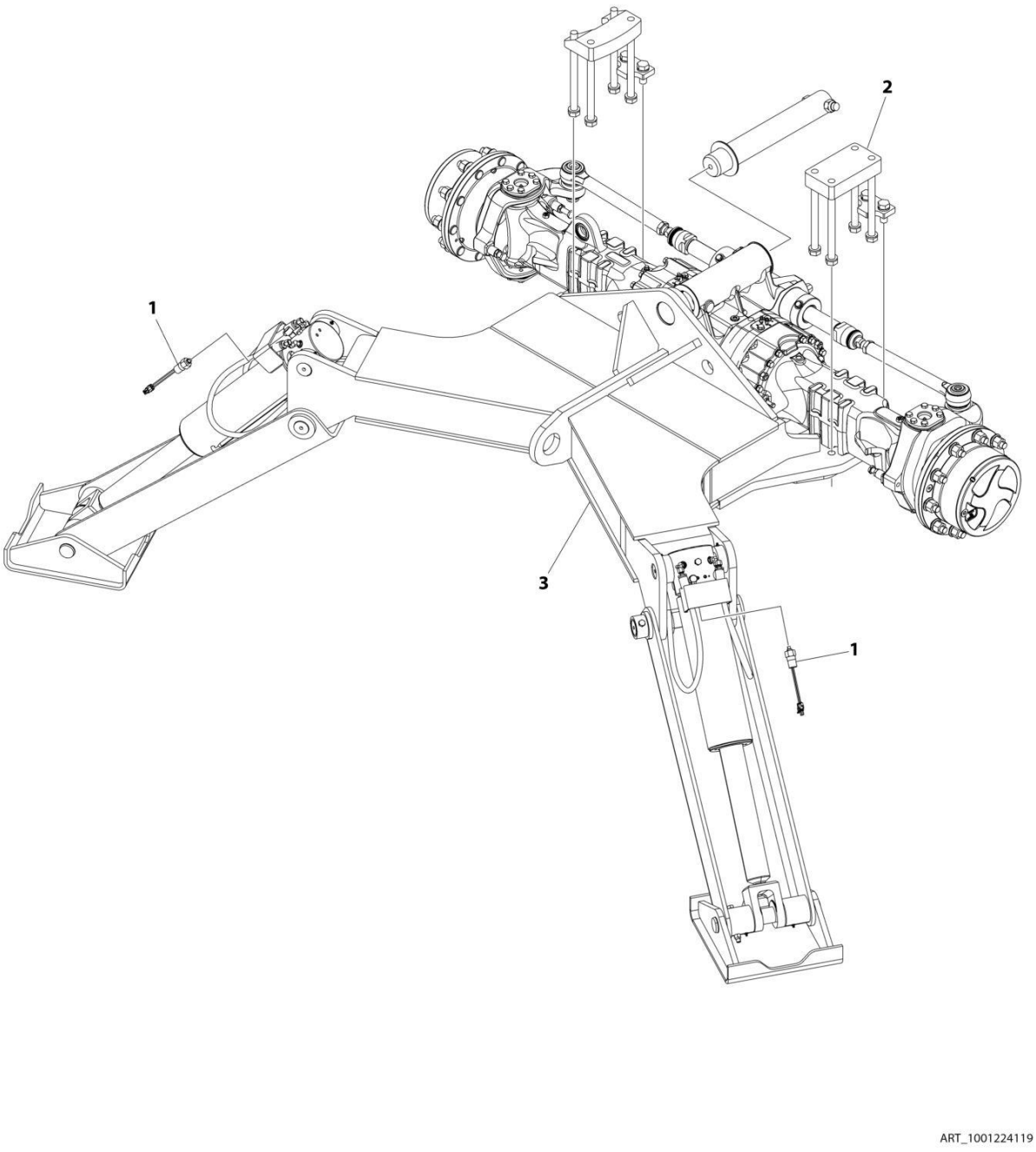


FIGURE 1-14. OUTRIGGER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001224119	Ref	Outrigger Installation	C
1	8223536	2	Switch, Pressure	
2	1001222496	1	Installation, Outrigger Mounting (See Separate Breakdown in this Section)	
3	1001222497	1	Sub-Assembly, Outrigger (See Separate Breakdown in this Section)	

FIGURE 1-15. OUTRIGGER MOUNTING INSTALLATION

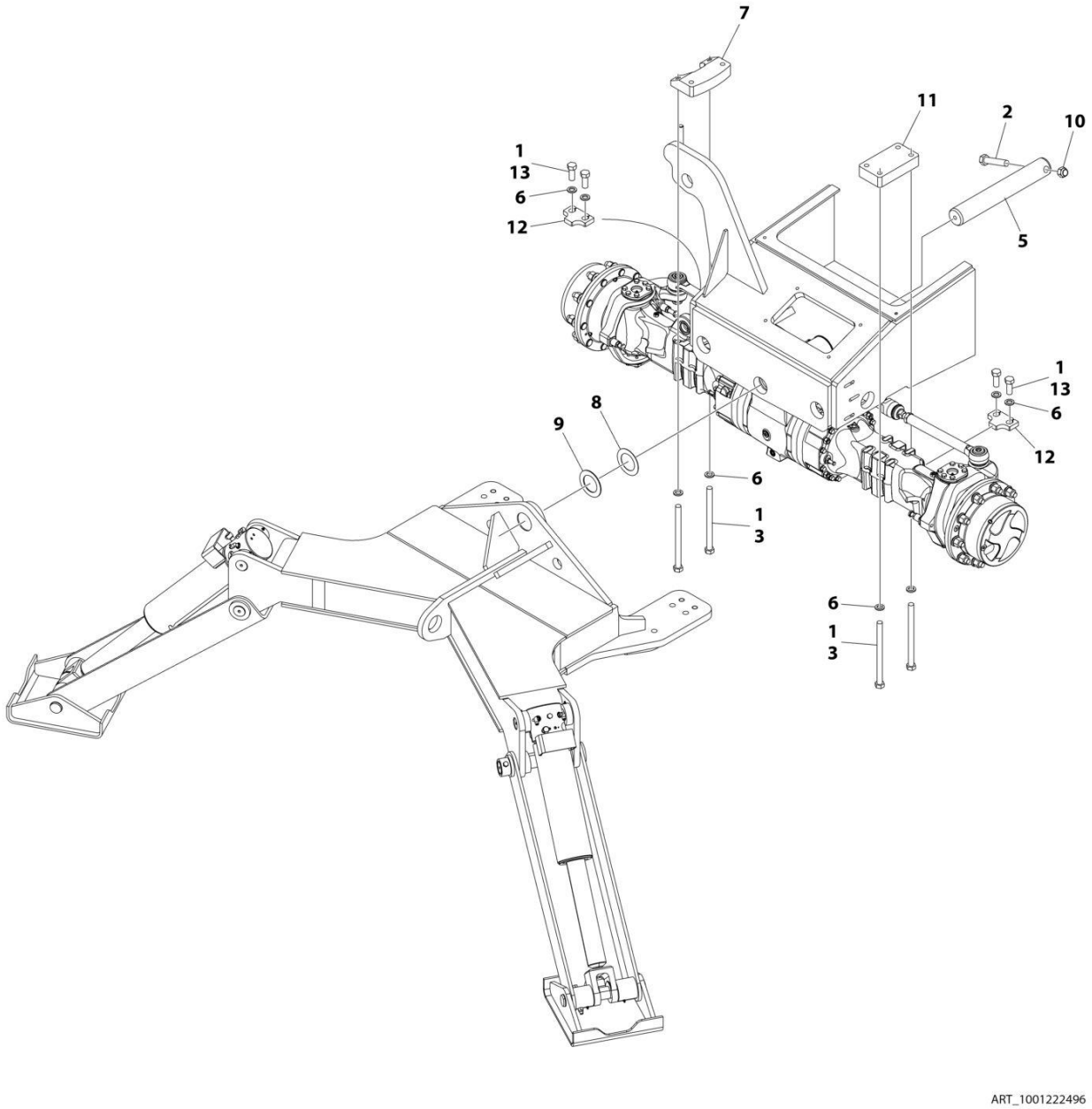


FIGURE 1-15. OUTRIGGER MOUNTING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222496	Ref	OUTRIGGER MOUNTING INSTALLATION	C
1	0100019	AR	Compound, Locking	
2	0642640	1	Bolt 1 x 5	
3	0682496	8	Bolt 7/8 x 12	
5	3423248	1	Pin, Axle/Outrigger	
6	4892400	12	Washer 7/8	
7	1001232517	1	Bracket, Outrigger Mounting	
8	8307912	AR	Washer, Shim	
9	8307913	AR	Washer, Shim	
10	8310116	1	Nut 1	
11	1001232518	1	Bracket, Outrigger Mounting	
12	1001244592	2	Stop, Block Outrigger	
13	0682418	4	Bolt 7/8 x 2-1/4	

FIGURE 1-16. OUTRIGGER SUB-ASSEMBLY

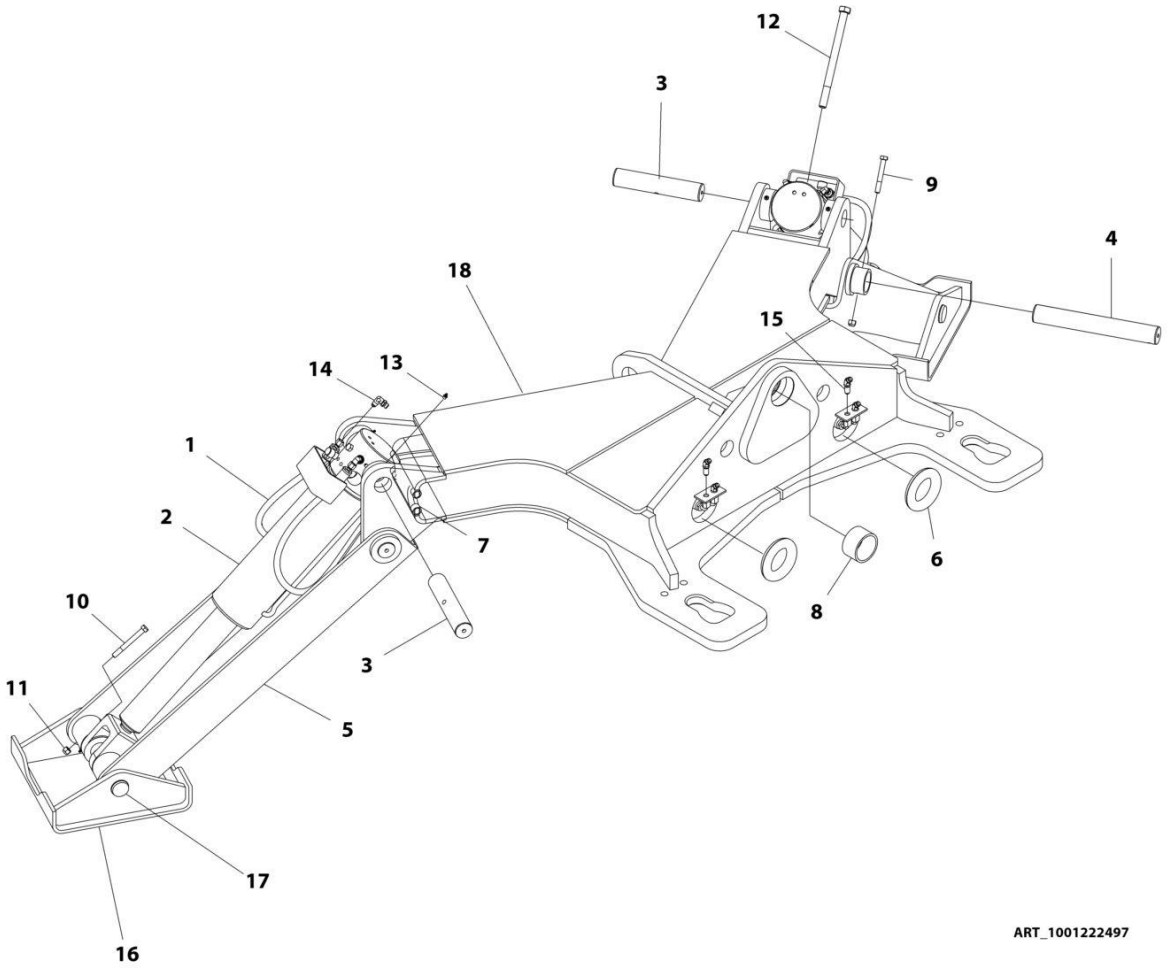


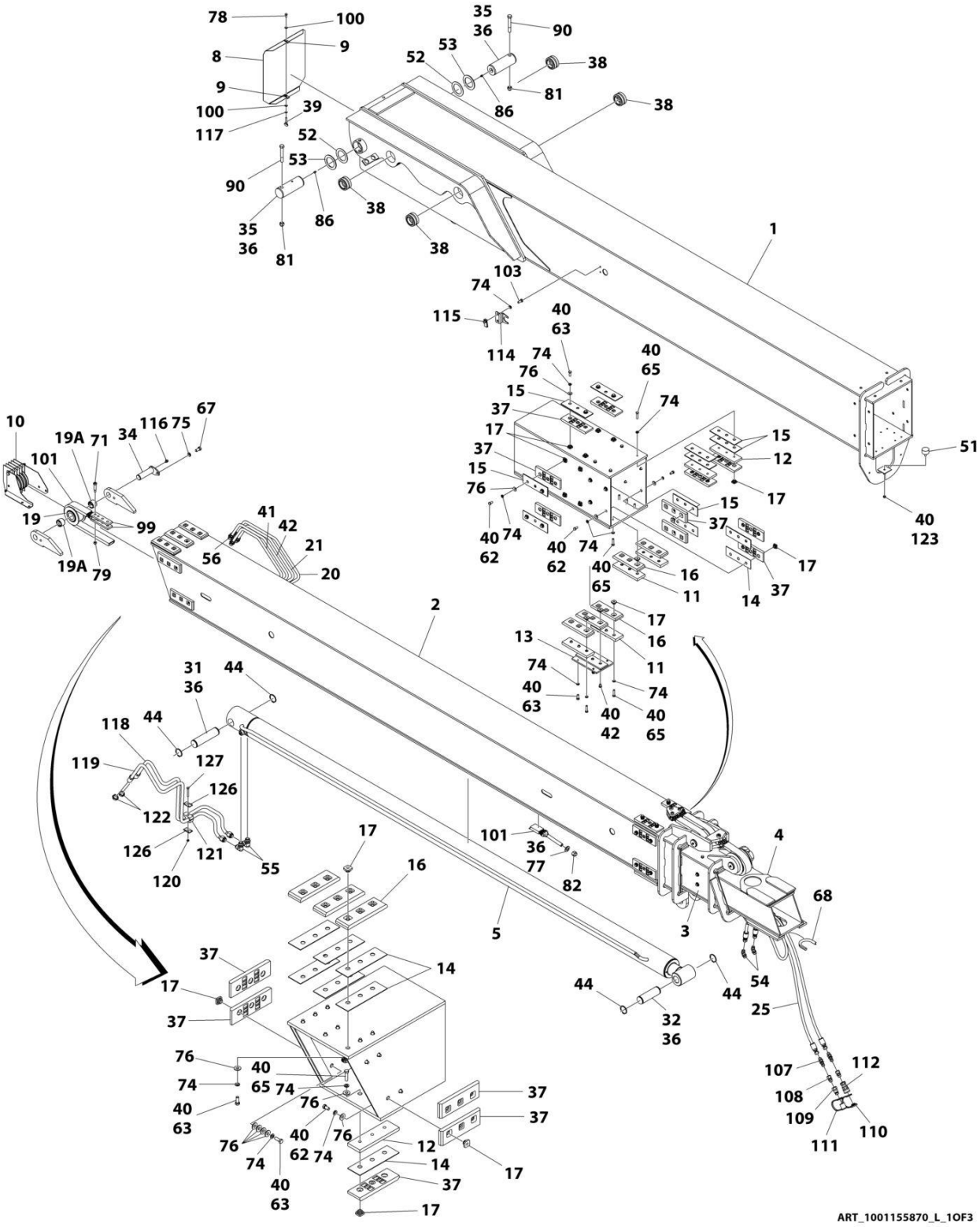
FIGURE 1-16. OUTRIGGER SUB-ASSEMBLY

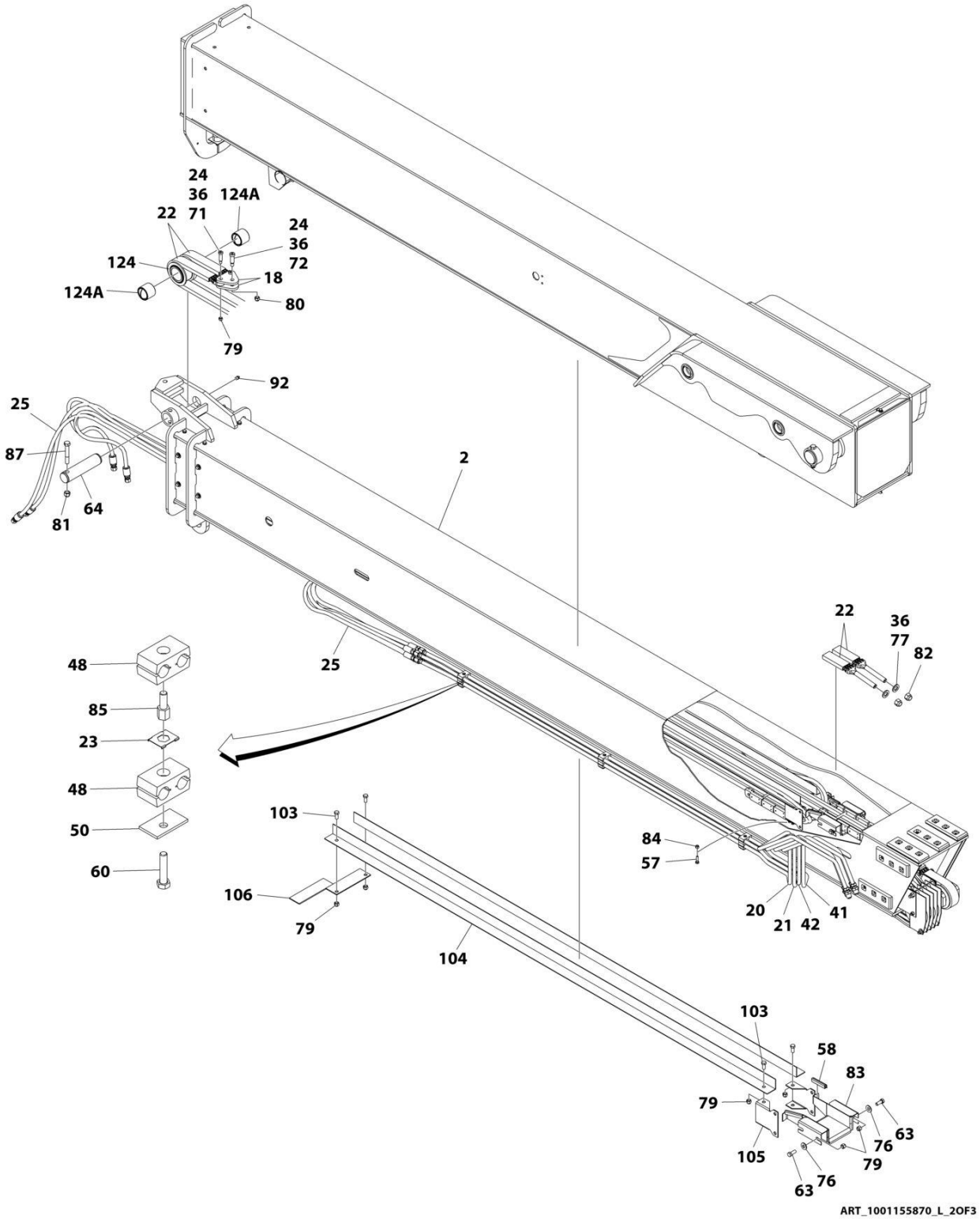
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222497	Ref	OUTRIGGER SUB-ASSEMBLY	C
1	2716709	4	Hose	
2	2717201	2	Cylinder, Outrigger (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
3	7090871	2	Pin, Cylinder Pivot Outrigger	
4	7090891	2	Pin, Leg Pivot Outrigger	
5	7091373	2	Leg, Outrigger	
6	7124491	2	Conduit, 1X15-1/2	
7	7125801	4	Conduit, 3/4X4	
8	8065063	1	Bushing	
9	8303628	2	Bolt 1/2 X 3-3/4	
10	8303629	2	Bolt 1/2 X 4-1/2	
11	8305644	6	Nut 1/2	
12	8310151	2	Bolt 1/2 X 7	
13	8520013	12	Fitting, Straight Lube	
14	2220473	4	Adapter, 90	
15	8770189	4	Adapter, 45	
16	1001141892	2	Stabilizer, Pad Weld	
17	1001147515	2	Pin, Outrigger Shoe	
18	1001242920	1	Frame, Outrigger	

SECTION 2 - BOOM

SECTION 2 - BOOM

FIGURE 2-1. BOOM INSTALLATION




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SECTION 2 - BOOM

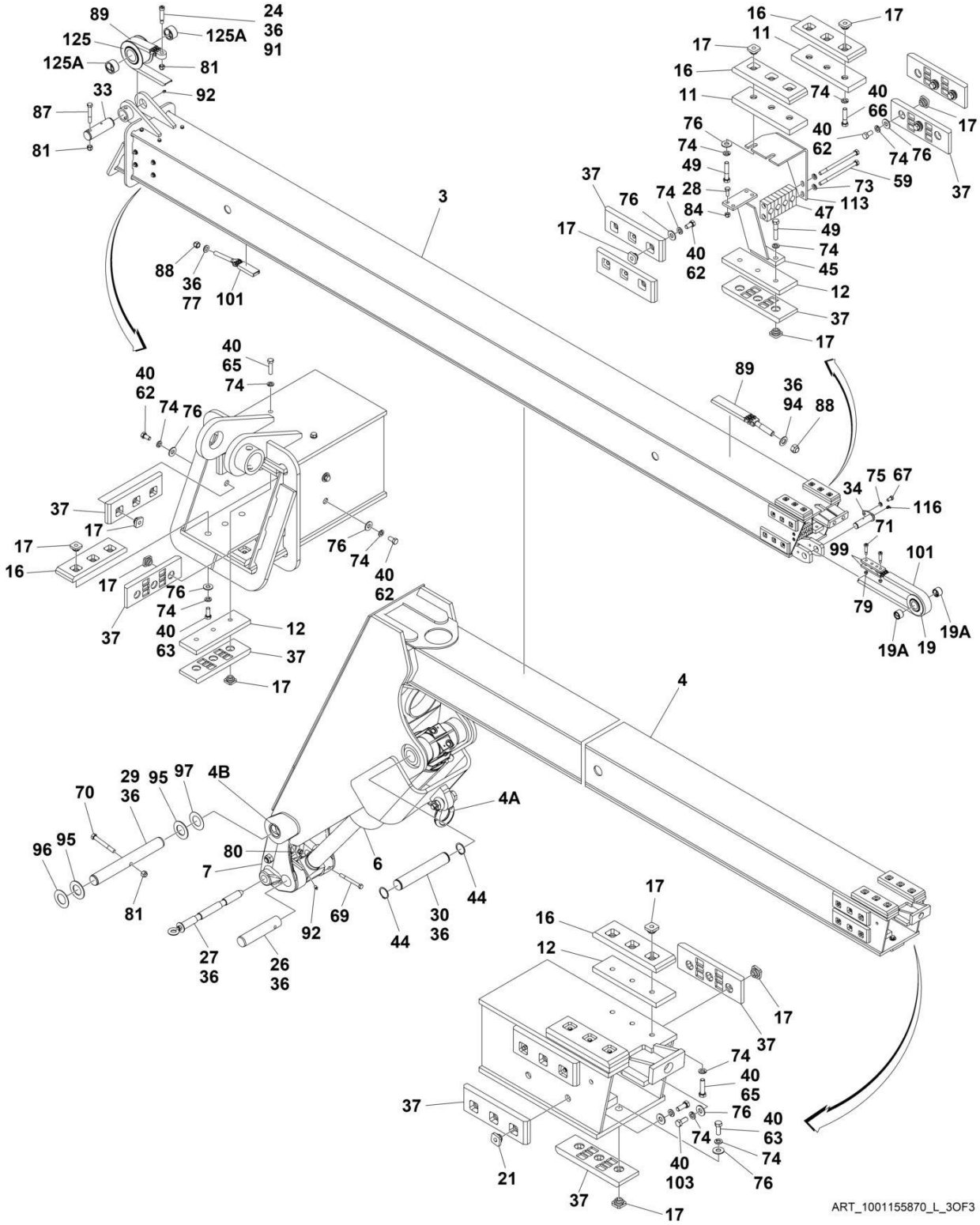


FIGURE 2-1. BOOM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155870	Ref	Boom Installation - 10054 (10054,10054)	L
1	7302010	1	Boom, First Section	
2	1001155869	1	Boom, Second Section	
3	1001155867	1	Boom, Third Section	
4	1001269415	1	Boom, Fly	
4A	1001204045	1	Clevis	
4B	7095312	1	Bushing	
5	1001296009	1	Cylinder, Extend/Retract (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
6	1001180763	1	Cylinder, Fork Tilt (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
7	1001242996	1	Assembly, Quick Attach (See Separate Breakdown in this Section)	
8	7116792	1	Cover	
9	8305906	2	Nut, Retainer 5/16	
10	7116733	1	Assembly, Hose Pulley (See Separate Breakdown in this Section)	
11	7096882	6	Spacer, Wear Pad	
12	7096702	8	Spacer, Wear Pad	
13	7096772	1	Spacer, Wear Pad	
14	7082342	AR	Shim, Wear Pad	
15	7082362	AR	Shim, Wear Pad	
16	7111572	14	Pad, Wear	
17	7082311	107	Insert, Wear Pad	
18	7139180	2	Yoke, Extend Chain	
19	7138986	2	Sheave, Retract Chain	
19A	7138979	4	Bushing (2 Per Sheave)	
20	7300675	1	Tube	
21	7300674	1	Tube	
22	7139690	2	Assembly, Extend Chain and Clevis (See Separate Breakdown in this Section)	
23	8750017	3	Lock Plate, Twin Clamp	
24	8526406	AR	Sealant, Varnish	
25	7112452	1	Assembly, Hose and Carrier (See Separate Breakdown in this Section)	
26	7083992	1	Pin, Rod End	
27	7118892	1	Assembly, Lock Pin (See Separate Breakdown in this Section)	
28	8310026	4	Bolt, 1/4X3/4	
29	7095352	1	Pin, Carriage Pivot	
30	7095522	1	Pin, Base End	
31	7096552	1	Pin, Base End	
32	7096562	1	Pin, Rod End	
33	7117582	1	Pin, Extend Chain Sheave	
34	7138977	2	Pin, Retract Chain Sheave	
35	3423226	2	Pin, Boom Pivot	
36	8522012	AR	Lube, Anti-Seize	
37	7079572	33	Pad, Wear	
38	8065640	4	Bearing, Spherical	
39	8310497	1	Screw, Thumb 5/16-18X1-1/2	
40	8526007	AR	Compound, Thread Locking	
41	7300672	1	Tube	
42	7300673	1	Tube	

SECTION 2 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
44	8642224	6	Ring, Retaining	
45	7112732	1	Support, Hose Clamp	
47	8750003	8	Clamp, Half	
48	8769122	6	Clamp Set, Twin	
49	8303622	4	Bolt, 3/8X2	
50	8769123	3	Cover Plate, Twin	
51	5724622	1	Bumper, Rubber	
52	8307910	AR	Washer, Shim	
53	8307911	AR	Washer, Shim	
54	2220500	2	Adapter, 45	
55	2220578	2	Adapter, 90	
56	8760465	4	Adapter, Bulkhead Nut	
57	8303540	4	Bolt, 1/4X1	
58	5746411	2	Moulding	
59	8310081	2	Bolt, 5/16X5	
60	8303715	3	Bolt, 5/16X1-1/2	
61	8303041	3	Bolt, 3/8X1/2	
62	8303681	38	Bolt, 3/8X3/4	
63	8303620	34	Bolt, 3/8X1	
64	1001097735	1	Pin, Extend Chain Sheave	
65	8303621	28	Bolt, 3/8X1-1/2	
66	8303679	4	Bolt, 3/8X1-3/4	
67	8303624	2	Bolt, 1/2X1	
68	7125811	1	Conduit	
69	8303772	1	Bolt, 1/2X5	
70	8303666	1	Bolt, 5/8X5	
71	8310019	6	Screw, Shoulder	
72	8310020	1	Screw, Shoulder	
73	8307004	2	Washer 5/16	
74	8307005	110	Washer 3/8	
75	8307007	2	Washer 1/2	
76	8307204	83	Washer 3/8	
77	8307104	4	Washer 3/4	
78	8303697	1	Bolt, 5/16X3/4	
79	8305645	12	Nut 3/816	
80	8305644	2	Nut 1/2	
81	8305643	6	Nut 5/8	
82	8305646	4	nut 3/4	
83	7114922	1	Guide	
84	8305624	8	Nut 1/4	
85	8750011	3	Bolt, Stack	
86	8520013	2	Fitting, Straight Lube	
87	8303634	2	Bolt, 5/8X4	
88	8310210	1	Nut 1-14	
89	7139693	1	Assembly, Extend Chain and Clevis (See Separate Breakdown in this Section)	
90	8303655	2	Bolt, 5/8X4-1/2	
91	8310205	1	Bolt, Shoulder	
92	8520001	4	Fitting, Straight Lube	
94	8310066	1	Washer 1	
95	8307918	2	Washer, Shim	
96	8310093	AR	Washer, Shim	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
97	8307904	AR	Washer, Shim	
99	7117031	4	Link	
100	8307106	2	Washer 5/16	
101	7139692	2	Assembly, Retract Chain and Clevis (See Separate Breakdown in this Section)	
102	8526048	AR	Sealant (Not Shown)	
103	8303738	8	Bolt, 3/8X7/8	
104	7110172	2	Guide, Hose Carrier	
105	7127862	2	Support, Hose Guide, Rear	
106	7127852	1	Support, Hose Guide, Front	
107	2230025	2	Adapter, Bulkhead Straight	
108	2220651	2	Adapter, Straight	
109	91403414	1	Adapter, Quick Disconnect	
110	8420055	1	Plug, Dust	
111	8420053	1	Cap, Dust	
112	91403413	1	Adapter, Quick Disconnect	
113	7111402	1	Support, Clamp	
114	7138468	1	Clip	
115	8310113	2	Nut, Cage 3/8	
116	8520003	2	Fitting, 90 Lube	
117	8310431	1	Washer 5/16	
118	3460383	1	Tube	
119	3460384	1	Tube	
120	8305626	1	Nut 5/16-	
121	8769139	1	Clamp Set, Twin	
122	8760468	2	Adapter, Bulkhead Nut	
123	3311601	1	Nut, 3/8	
124	1001101845	1	Sheave Assembly	
124A	7126662	2	Bushing	
125	1001101867	1	Sheave Assembly	
125A	7117502	2	Bushing	
126	8769128	2	Cover Plate, Twin	
127	0641520	1	Bolt, 5/16X2-1/2	

FIGURE 2-2. BOOM PROP INSTALLATION

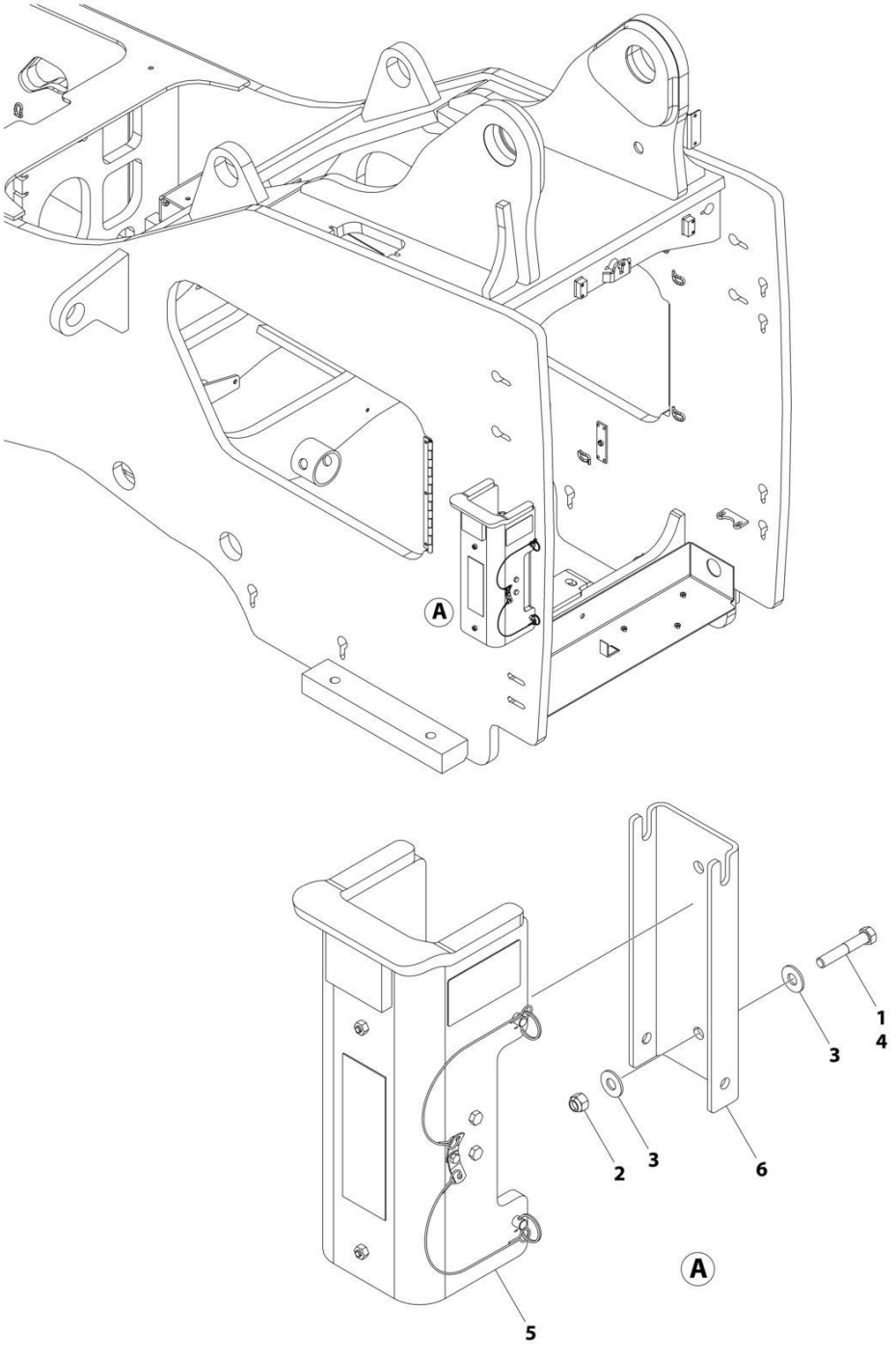


FIGURE 2-2. BOOM PROP INSTALLATION

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 2-3. BOOM PROP BRACKET INSTALLATION

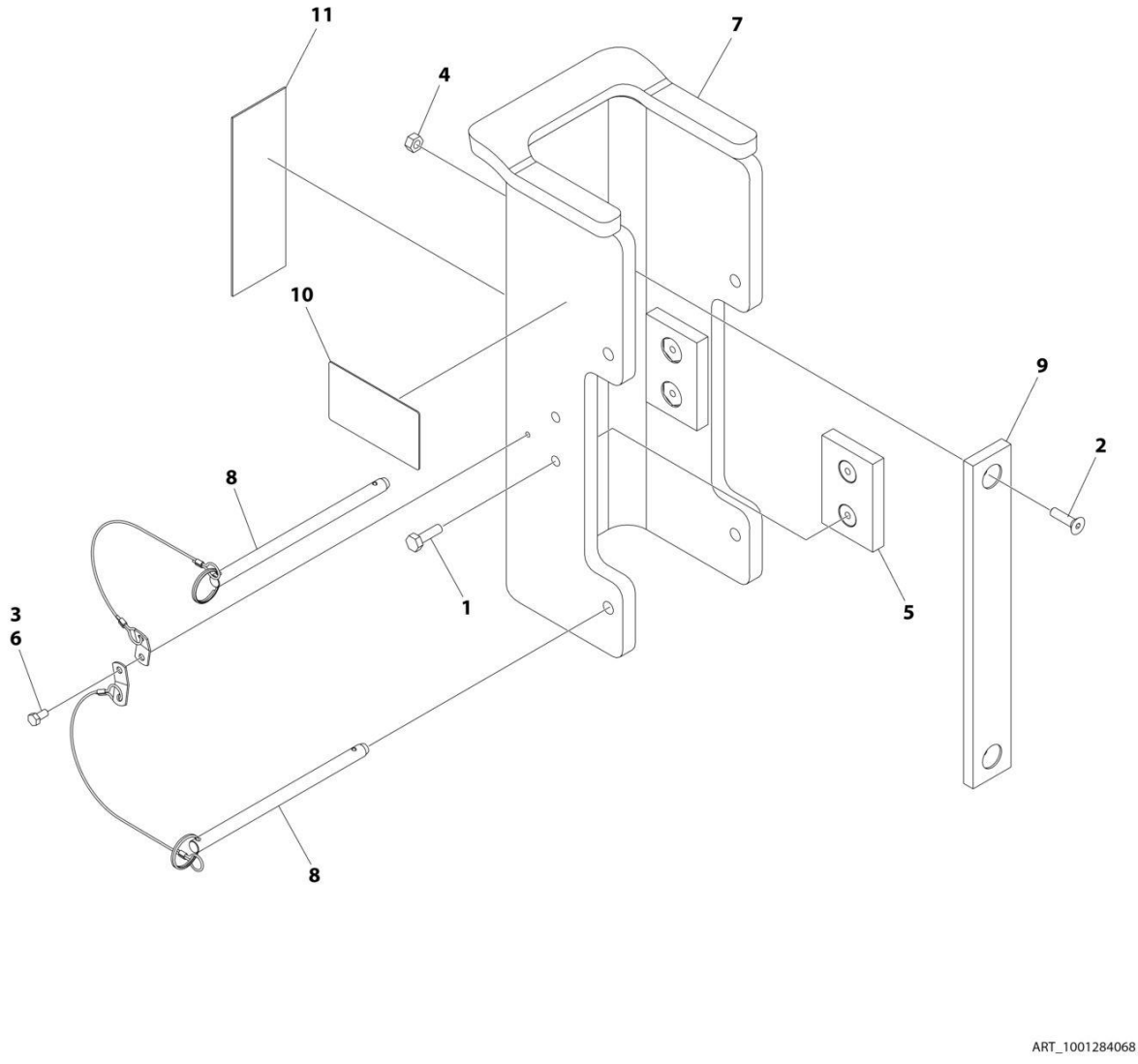


FIGURE 2-3. BOOM PROP BRACKET INSTALLATION

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	

FIGURE 2-4. HOSE PULLEY ASSEMBLY

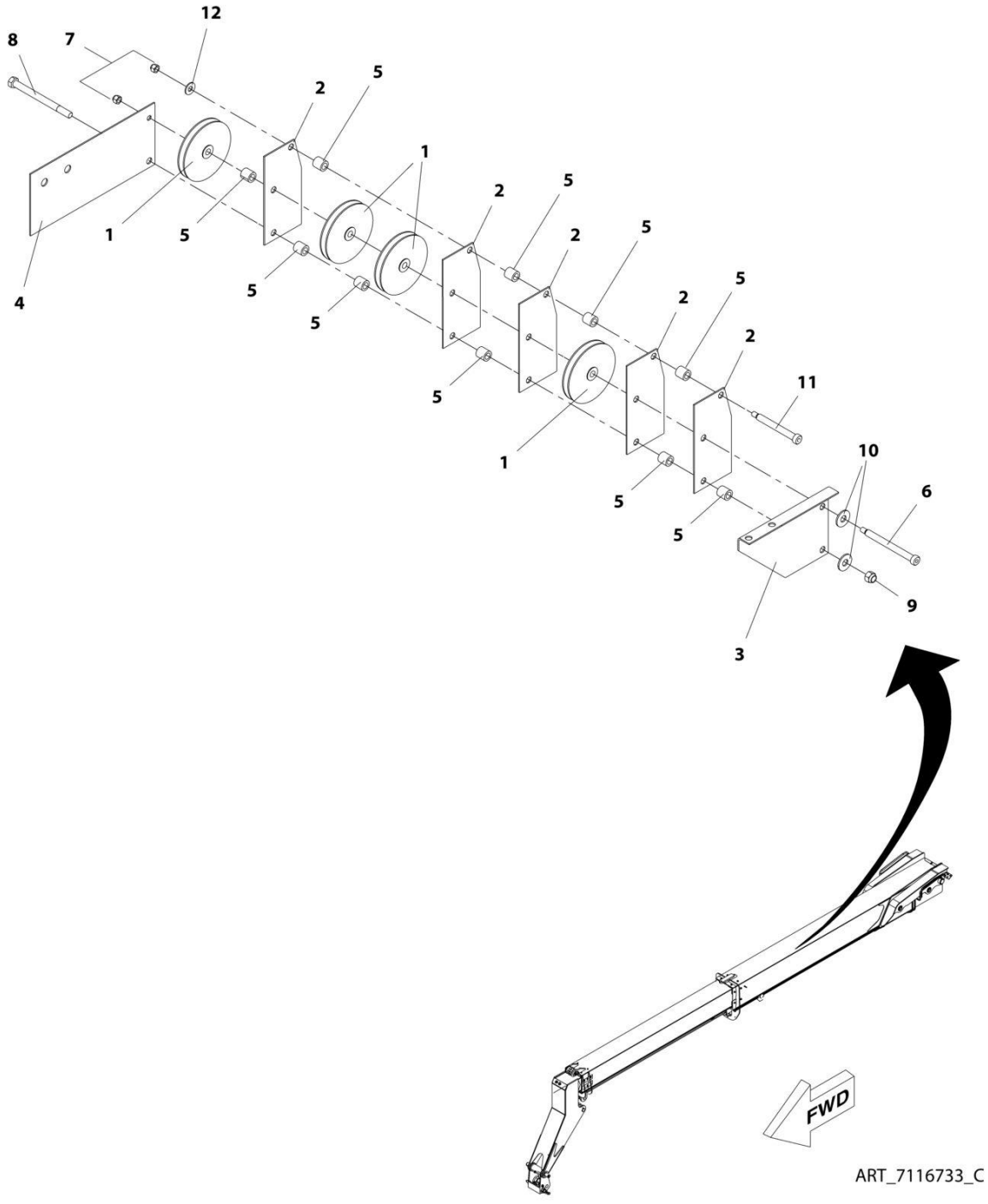


FIGURE 2-4. HOSE PULLEY ASSEMBLY

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

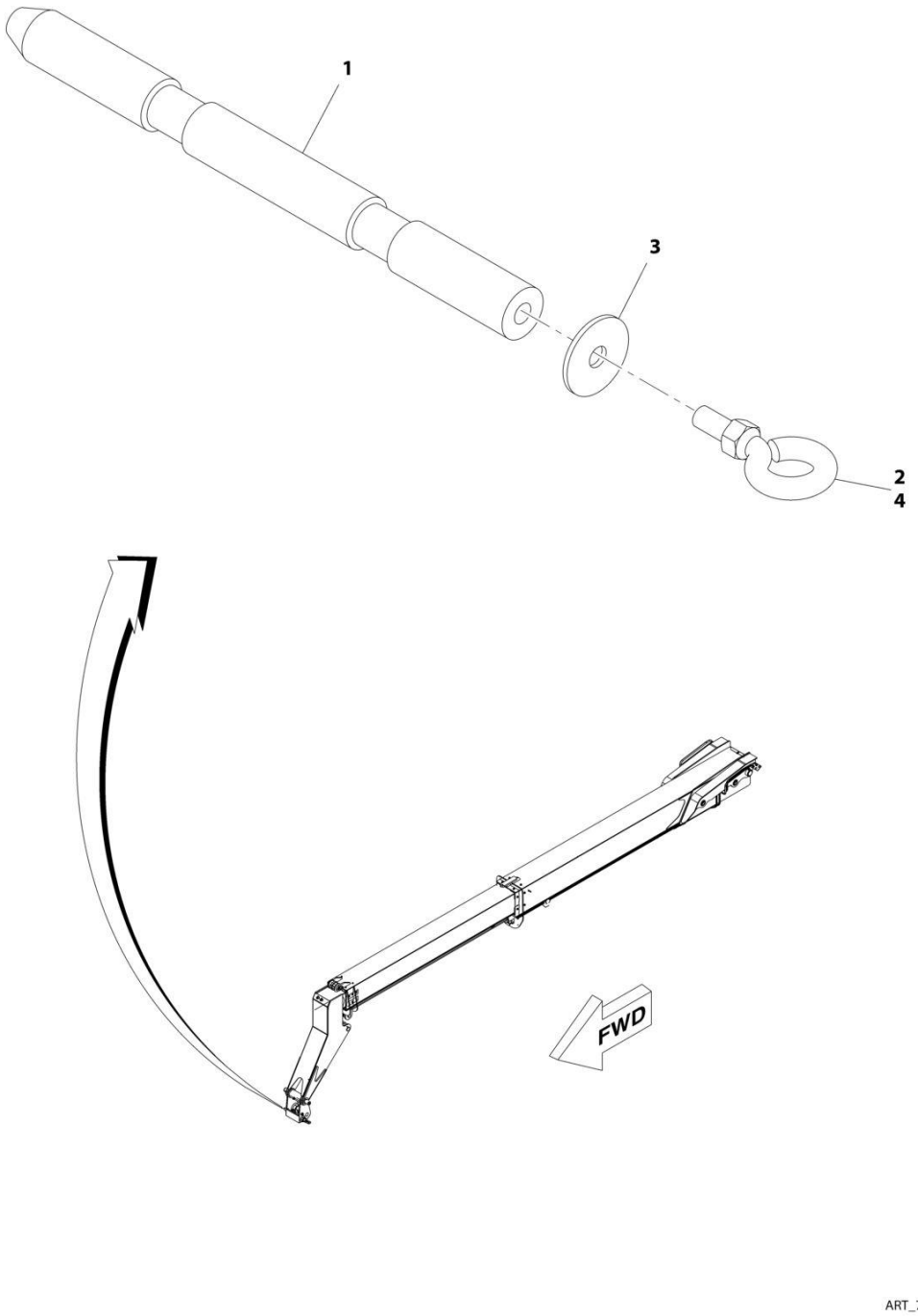
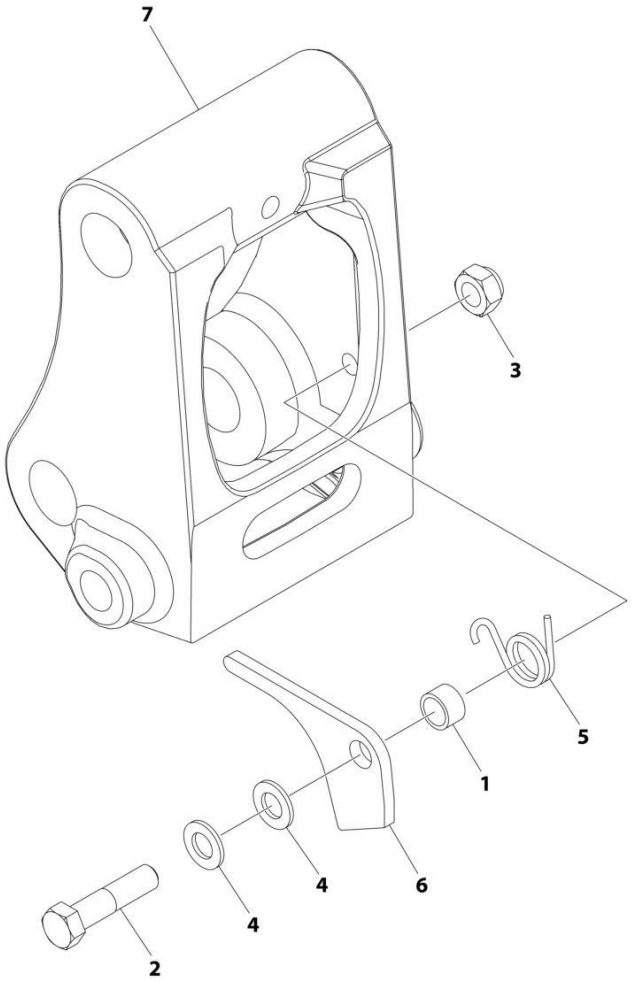


FIGURE 2-5. LOCK PIN ASSEMBLY

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

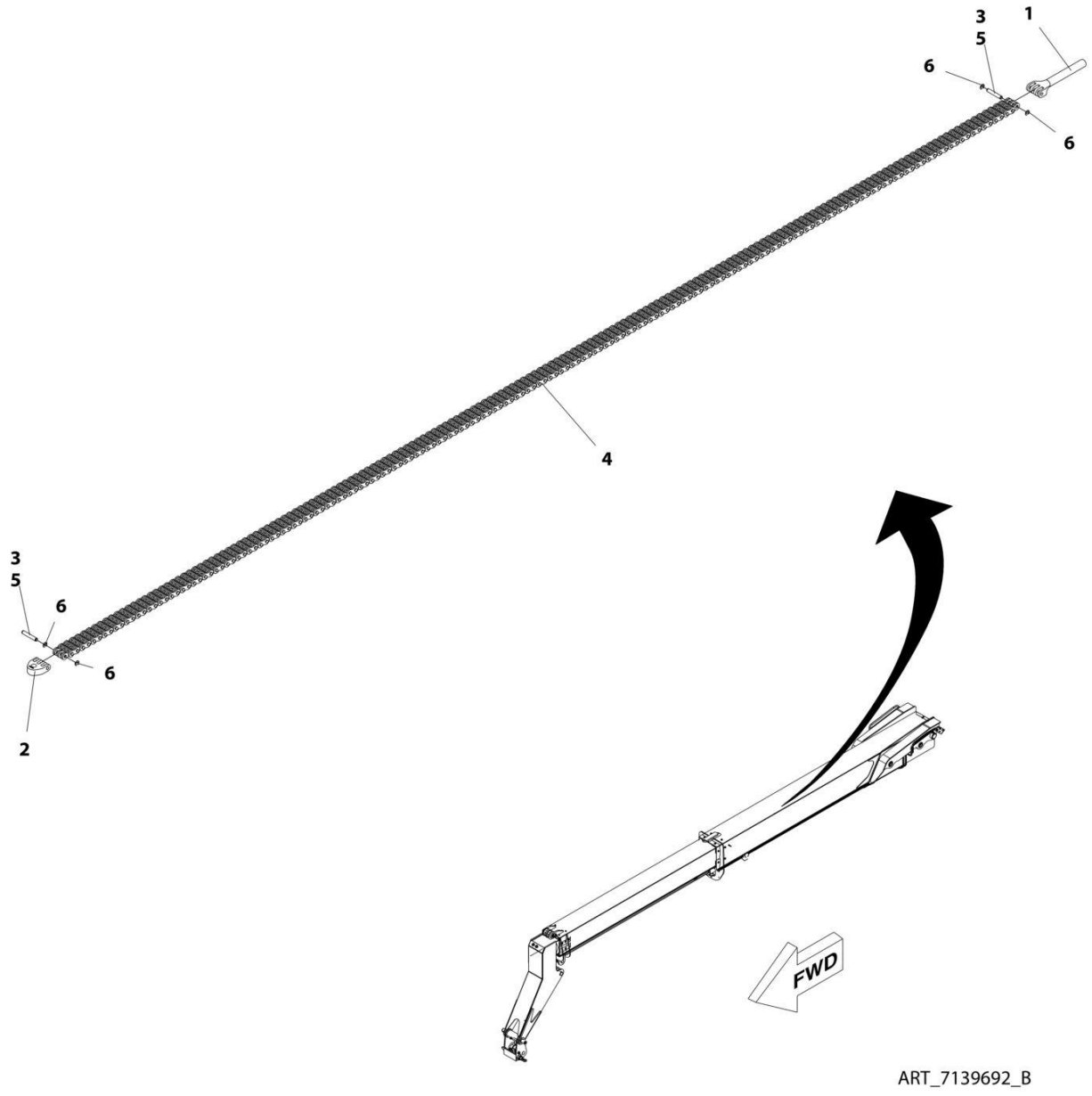


FIGURE 2-7. RETRACT CHAIN AND CLEVIS ASSEMBLY

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. EXTEND CHAIN AND CLEVIS ASSEMBLY - BOOM SECOND SECTION

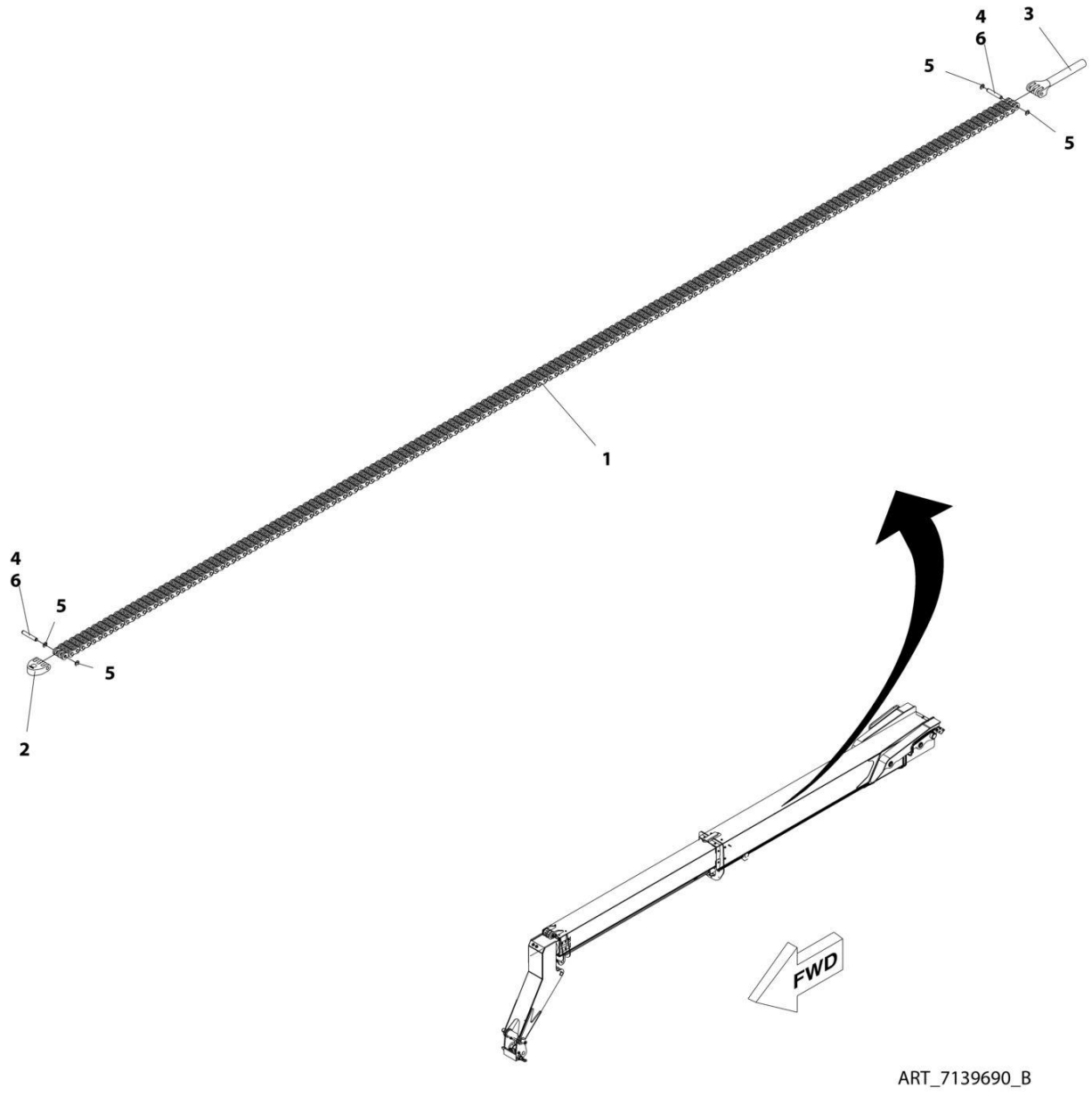


FIGURE 2-8. EXTEND CHAIN AND CLEVIS ASSEMBLY - BOOM SECOND SECTION

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 2-9. EXTEND CHAIN AND CLEVIS ASSEMBLY - BOOM THIRD SECTION

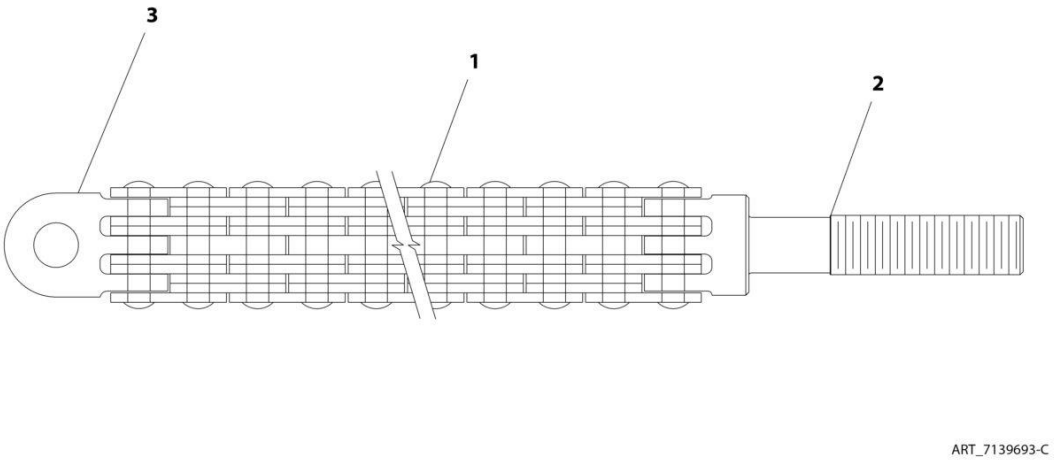


FIGURE 2-9. EXTEND CHAIN AND CLEVIS ASSEMBLY - BOOM THIRD SECTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7139693	Ref	Extend Chain and Clevis Assembly	C
1	8127009	1	Chain	
2	7113952	1	Clevis, Anchor	
3	7113982	1	Clevis, Anchor	

FIGURE 2-10. HOSE AND CARRIER ASSEMBLY

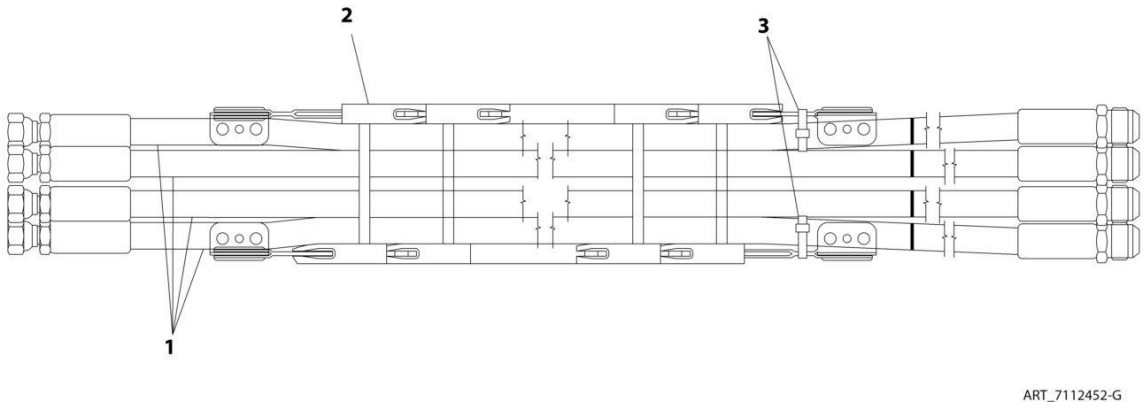
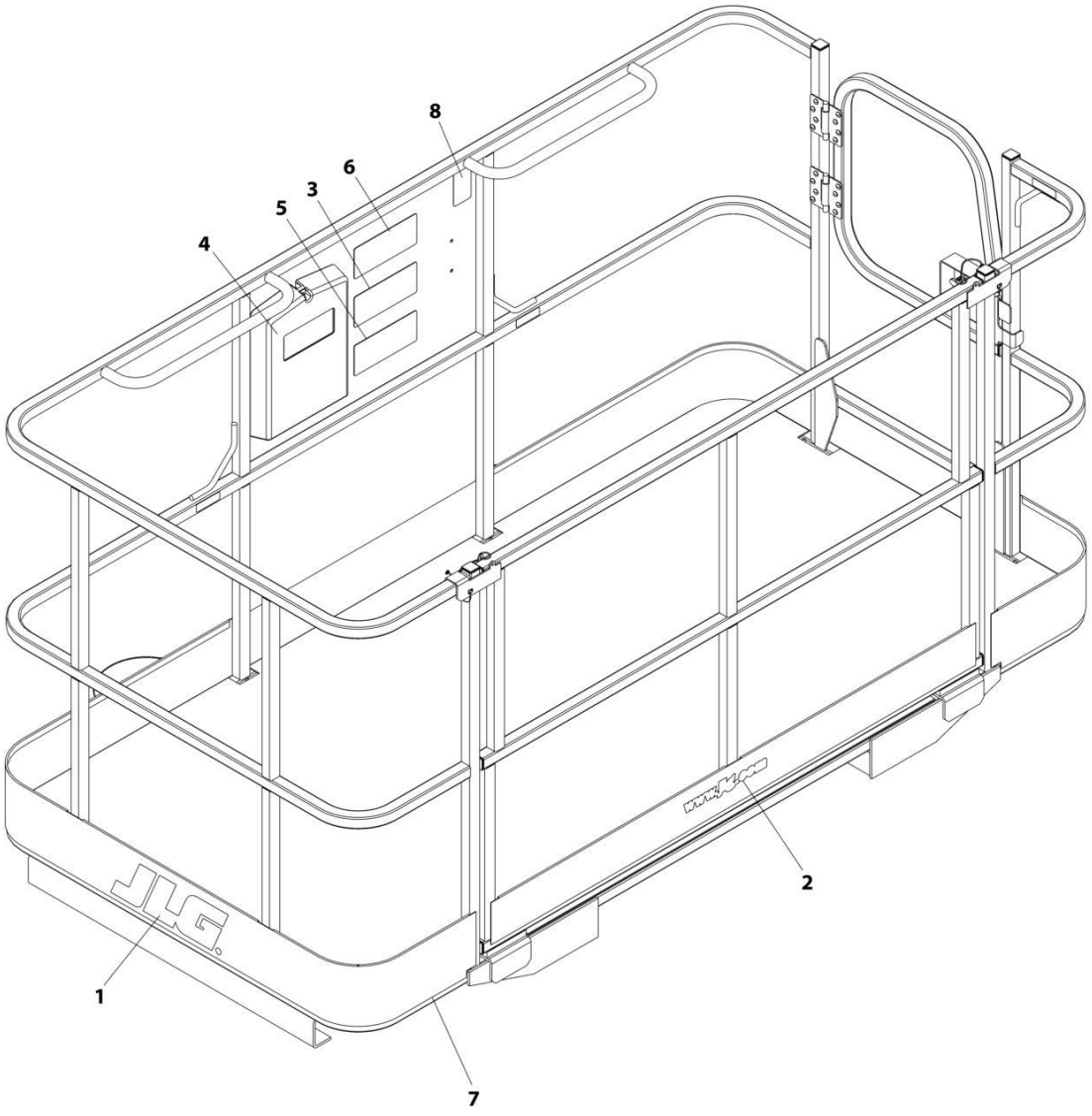


FIGURE 2-10. HOSE AND CARRIER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7112452	Ref	Hose and Carrier Assembly	G
1	2713642	4	Hose	
2	8584021	1	Carrier, Hose	
3	8584001	2	Wrap, Tie 3/16	

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)

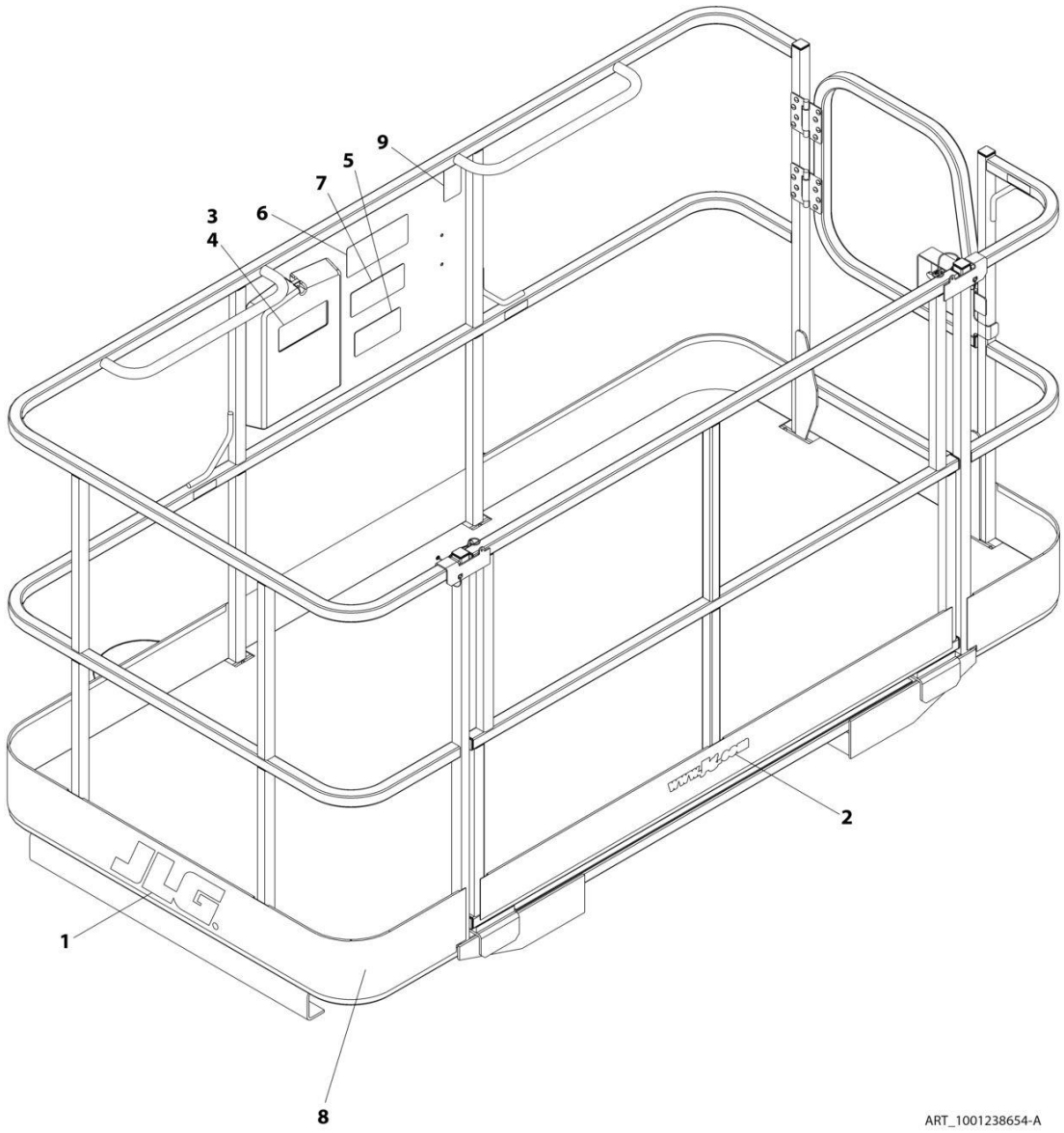


FIGURE 3-2. BASKET, PERSONNEL - 4FT X 8FT (ISO)

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)

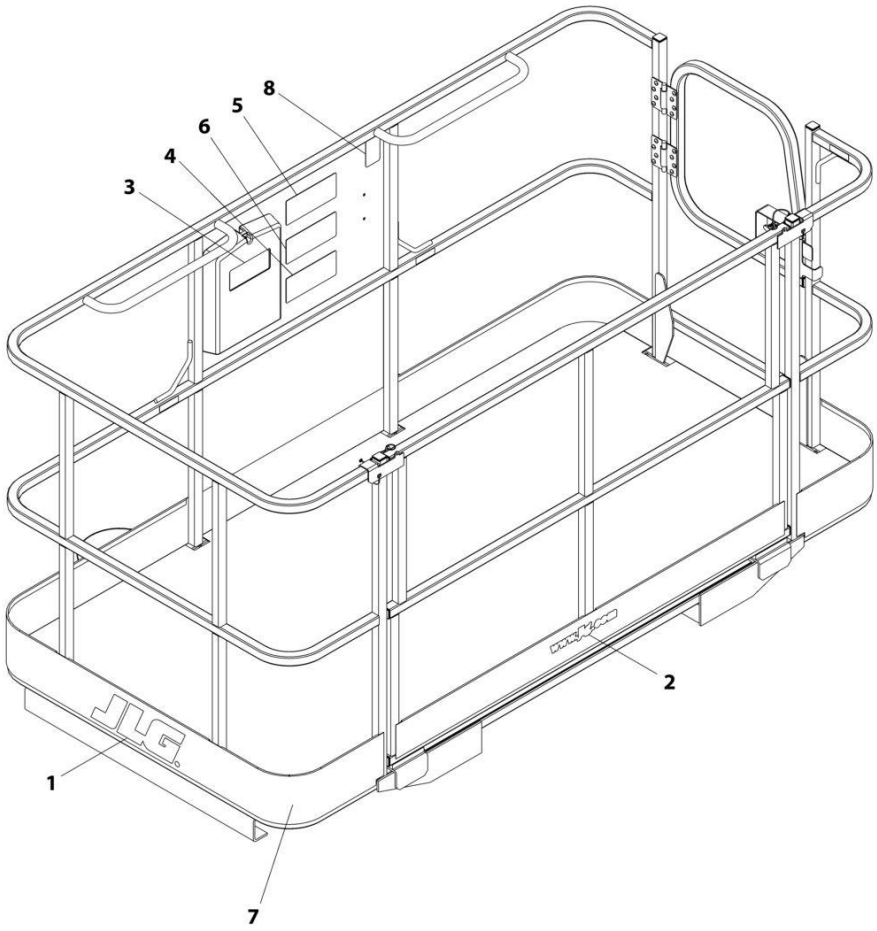


FIGURE 3-3. BASKET, PERSONNEL - 4FT X 8FT (FRENCH)

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

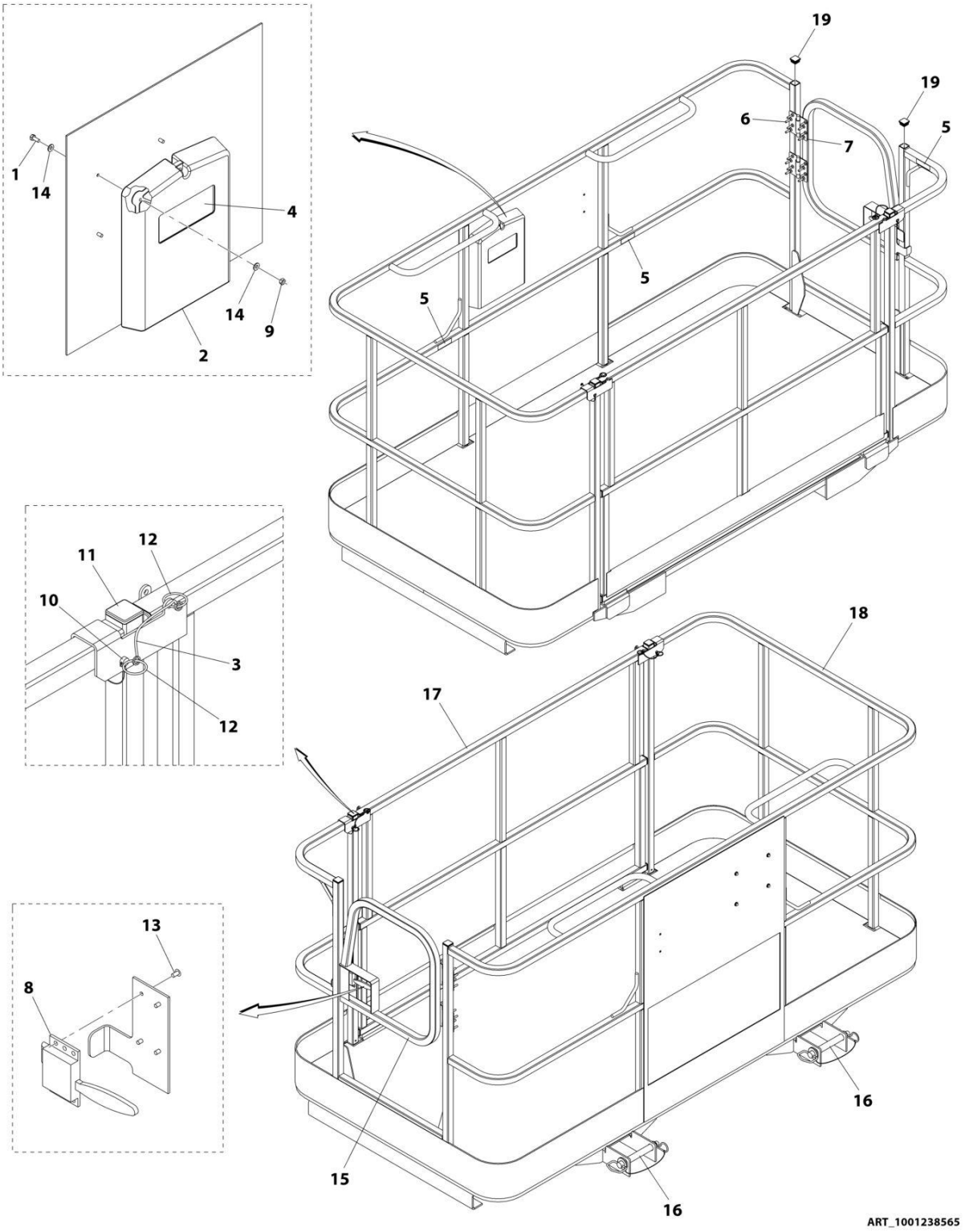


FIGURE 3-4. BASKET, FORK MOUNTED

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)

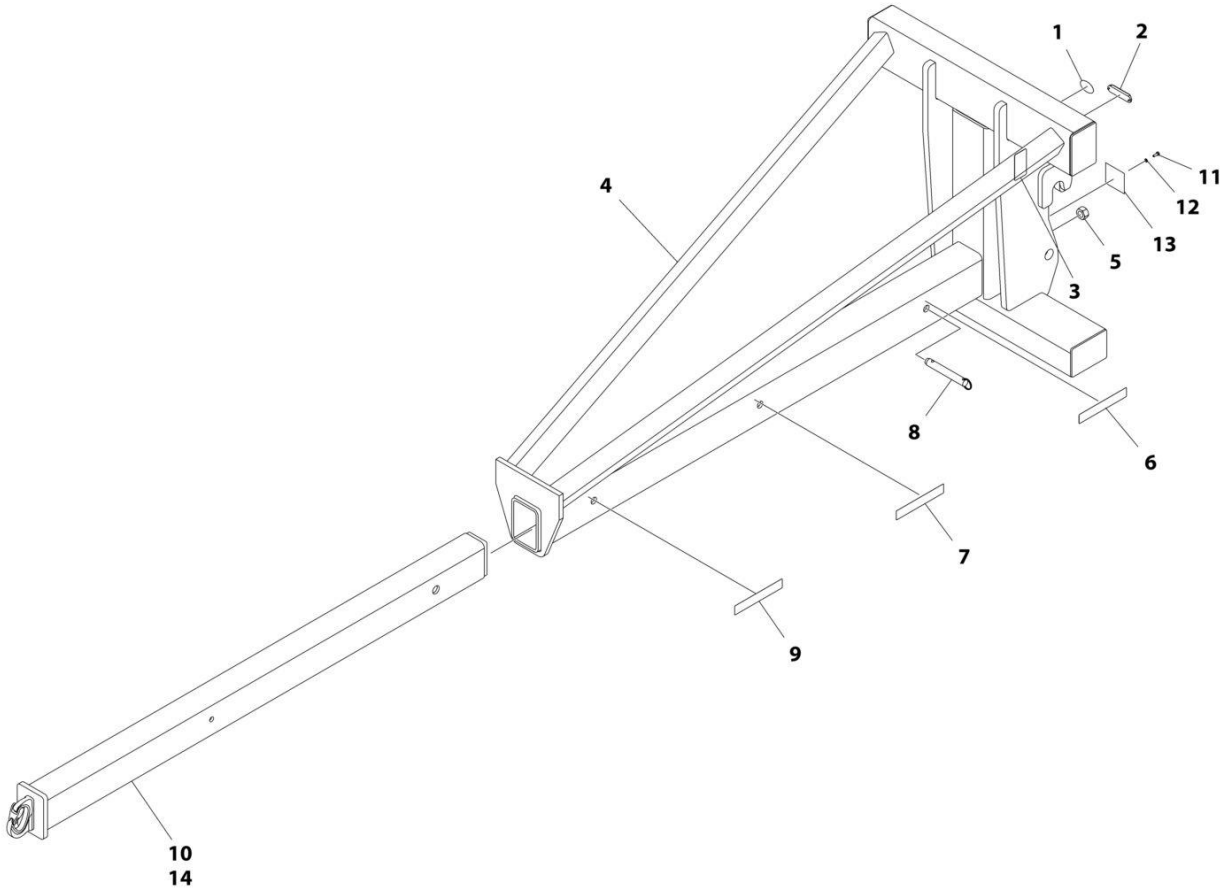


FIGURE 3-5. BOOM - ADJUSTABLE (CARRIAGE MOUNTED)

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

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

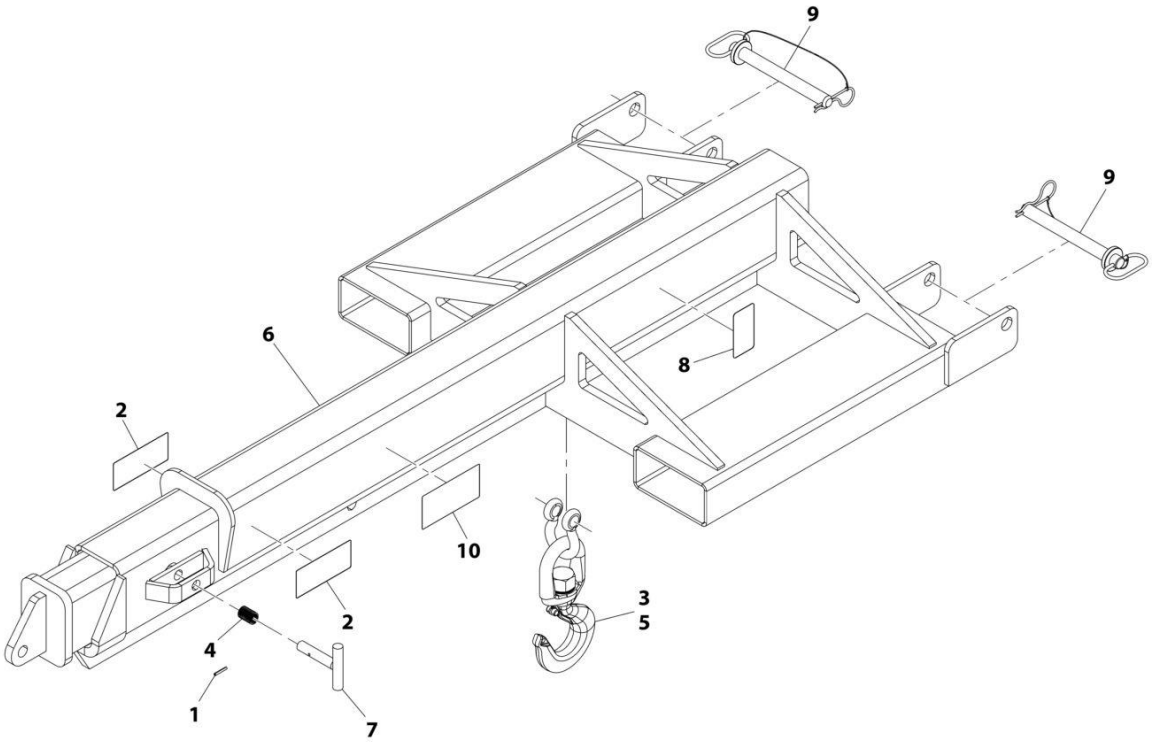


FIGURE 3-6. BOOM - ADJUSTABLE (FORK MOUNTED)

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

FIGURE 3-7. BOOM - 3FT WITH WINCH

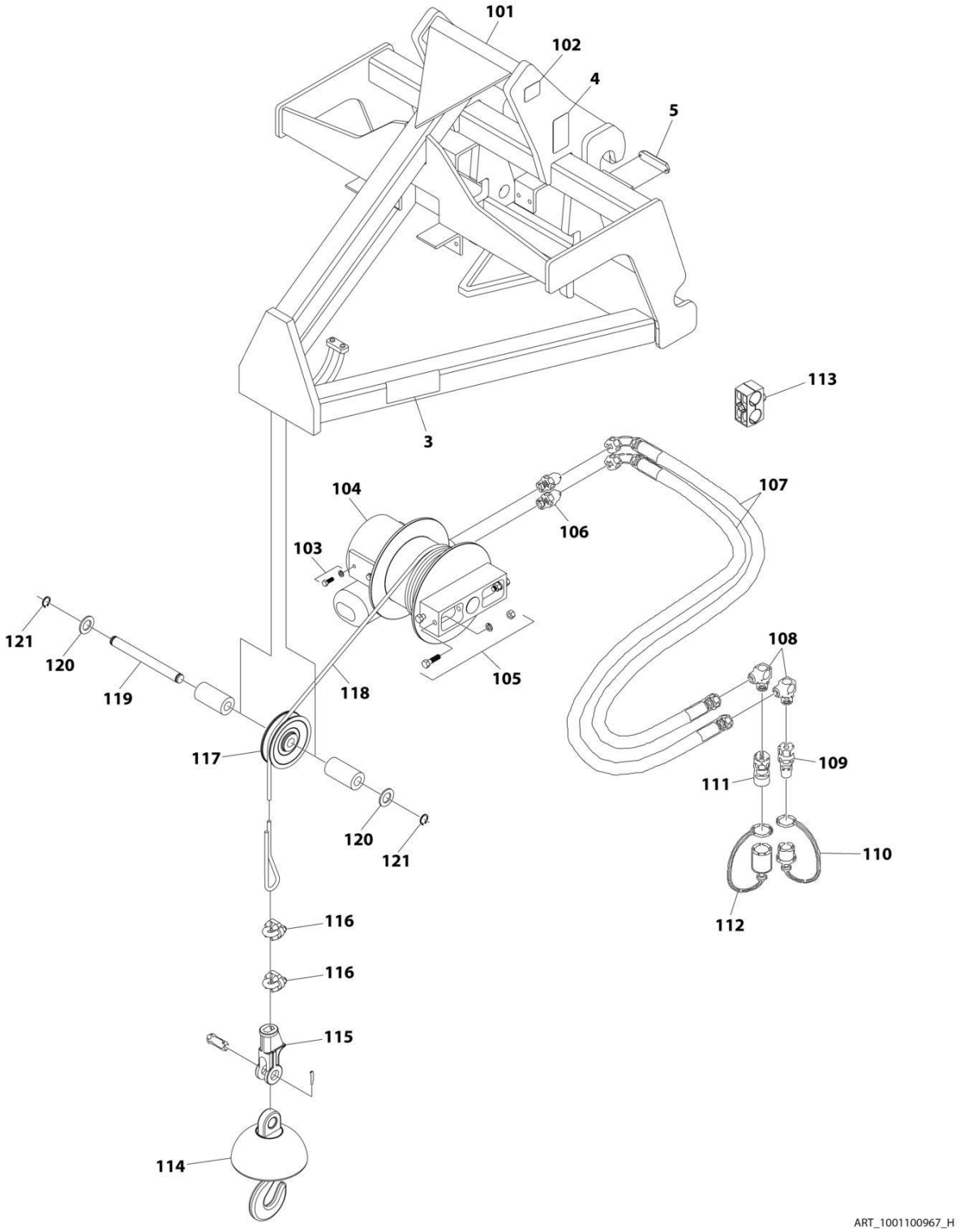


FIGURE 3-7. BOOM - 3FT WITH WINCH

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

FIGURE 3-8. BOOM - 12FT WITH WINCH

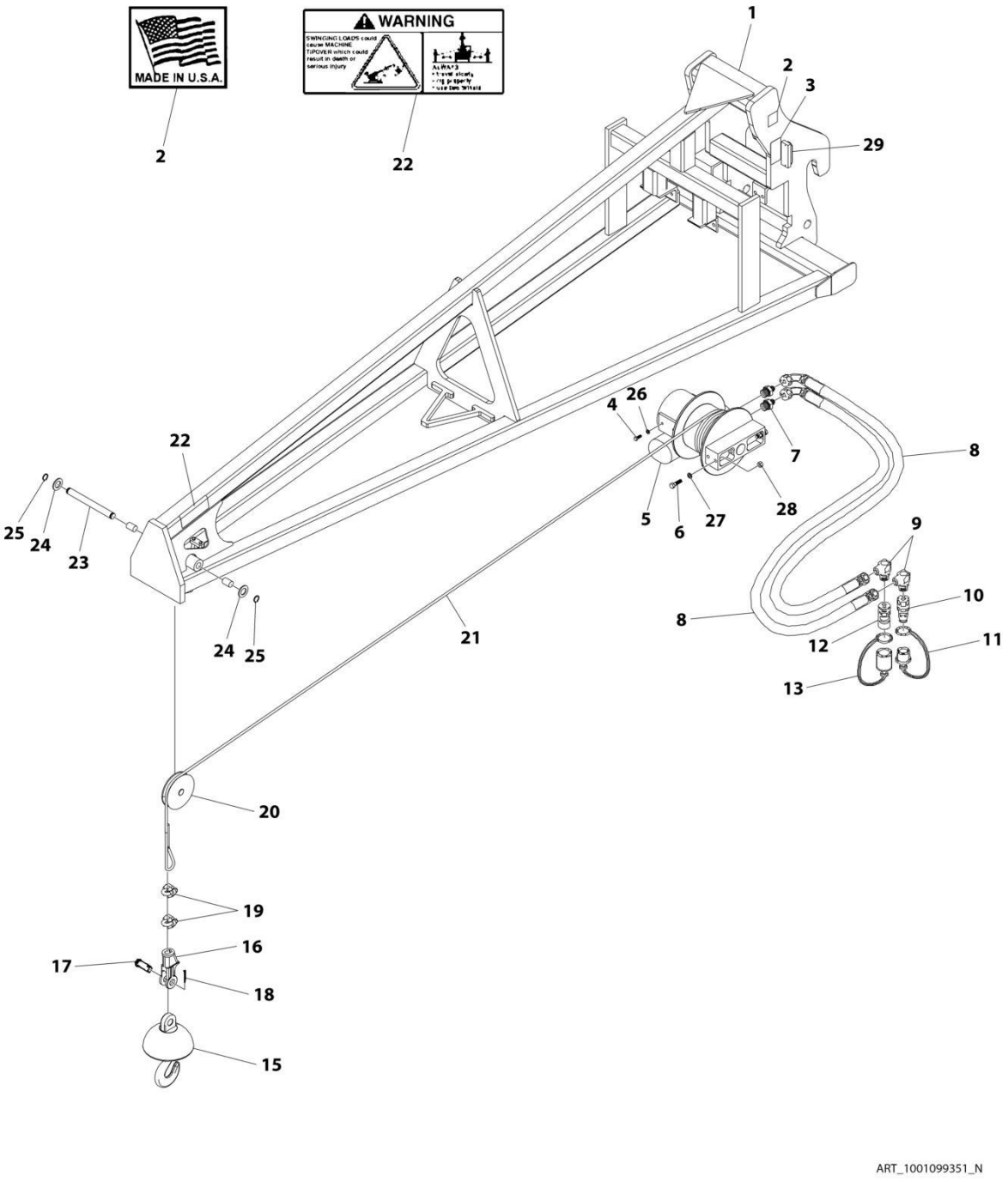


FIGURE 3-8. BOOM - 12FT WITH WINCH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001099351	Ref	TRUSS BOOM (0.9 TON - 3.7M WITH WINCH)	N
1	N.S.S.	1	Frame, Truss Boom	
2	90554016	1	Decal, Made in USA	
3	N.S.S.	1	S/N Plate	
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	N.S.S.	1	Pin	
18	N.S.S.	1	Pin, Cotter	
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	
29	1001227670	1	Tag, RFID	

FIGURE 3-9. BOOM - 12FT WITHOUT WINCH

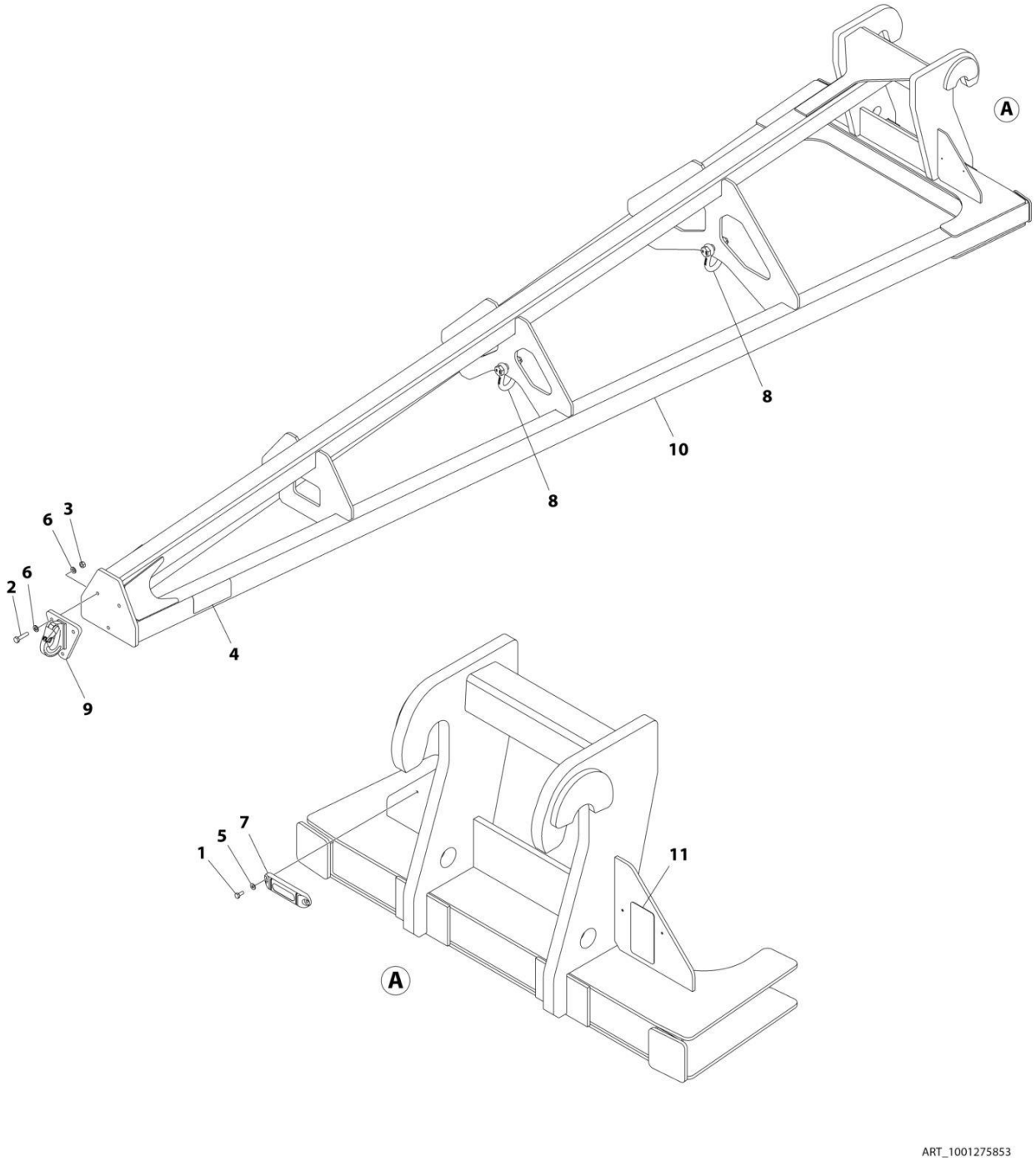


FIGURE 3-9. BOOM - 12FT WITHOUT WINCH

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

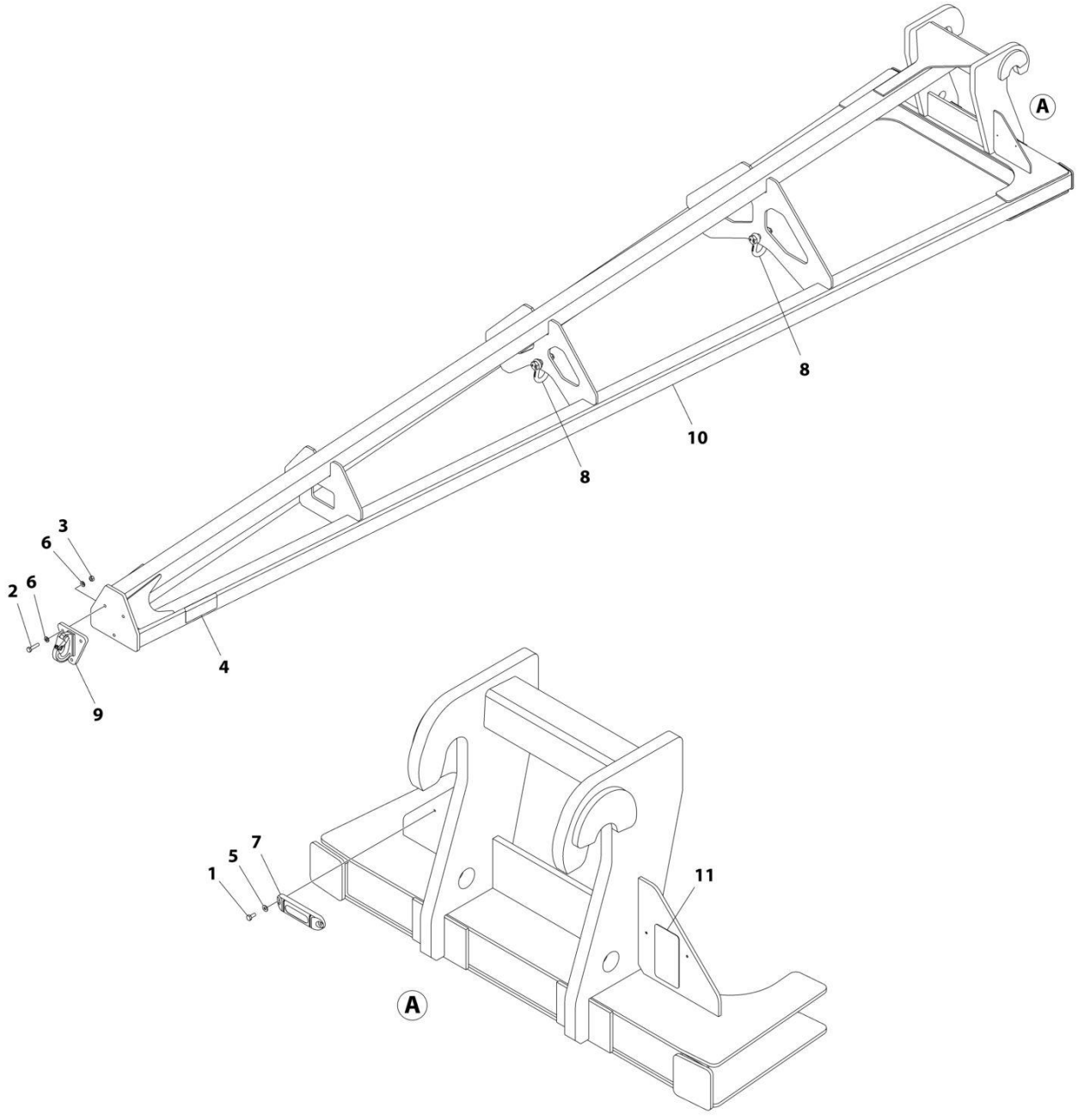


FIGURE 3-10. BOOM - 15FT WITHOUT WINCH

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)

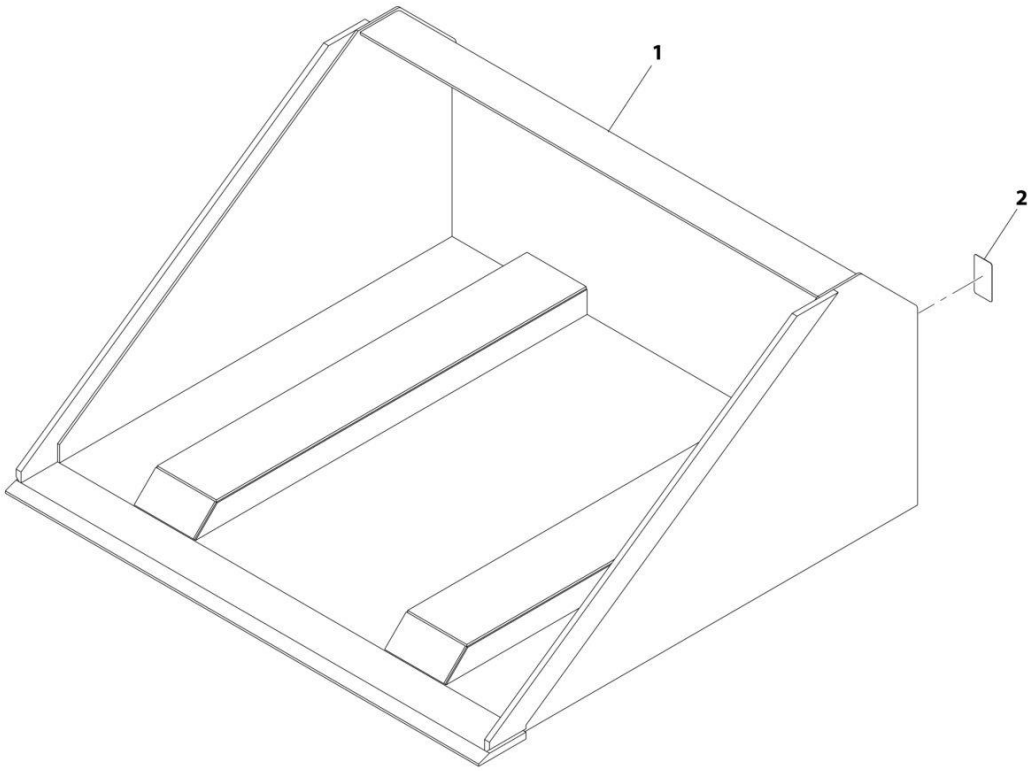


FIGURE 3-11. BUCKET - 60IN (1.3 CU YD) (FORK MOUNTED)

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)

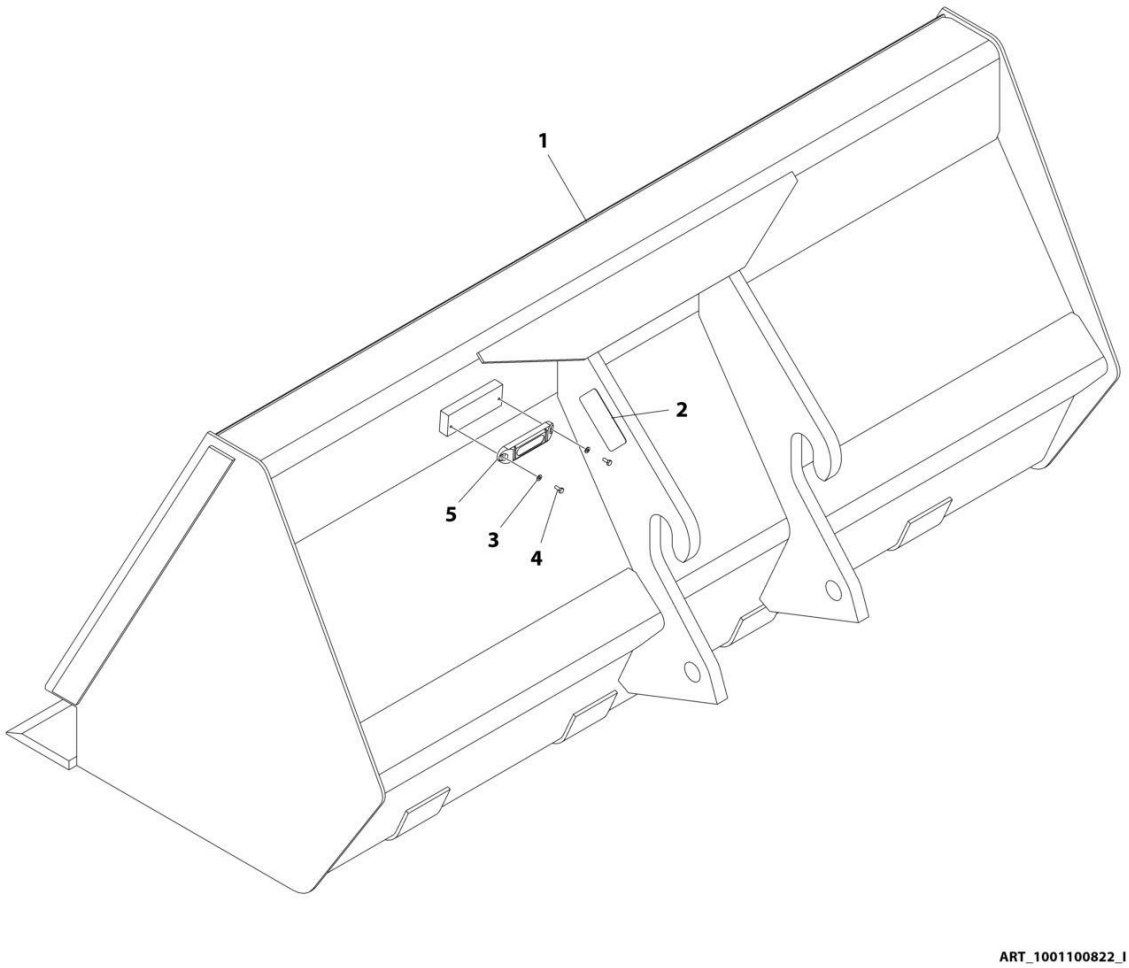


FIGURE 3-12. BUCKET - 72IN (1.0 CU YD)

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)

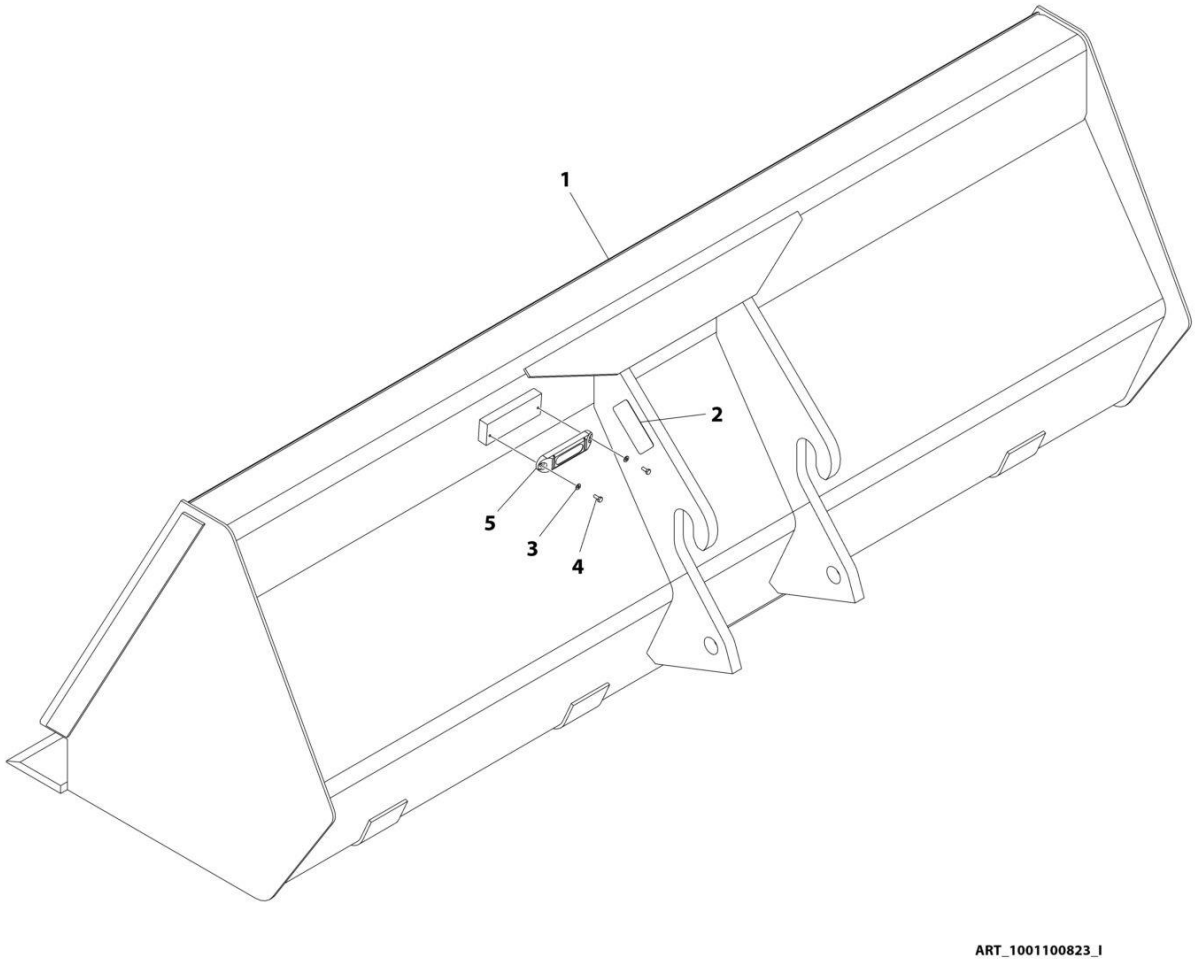


FIGURE 3-13. BUCKET - 96IN (1.5 CU YD)

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

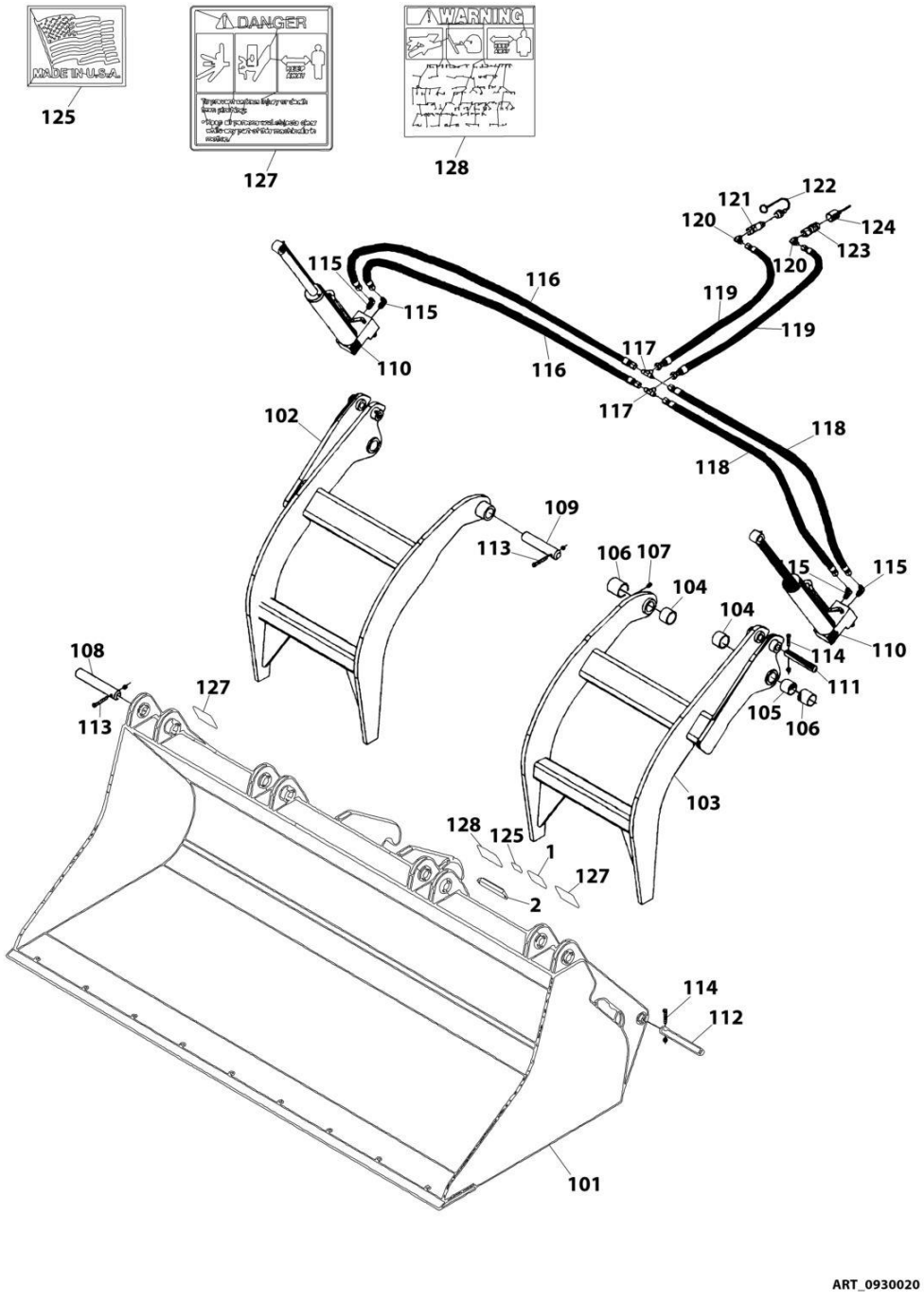


FIGURE 3-14. BUCKET - 96IN GRAPPLE

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)

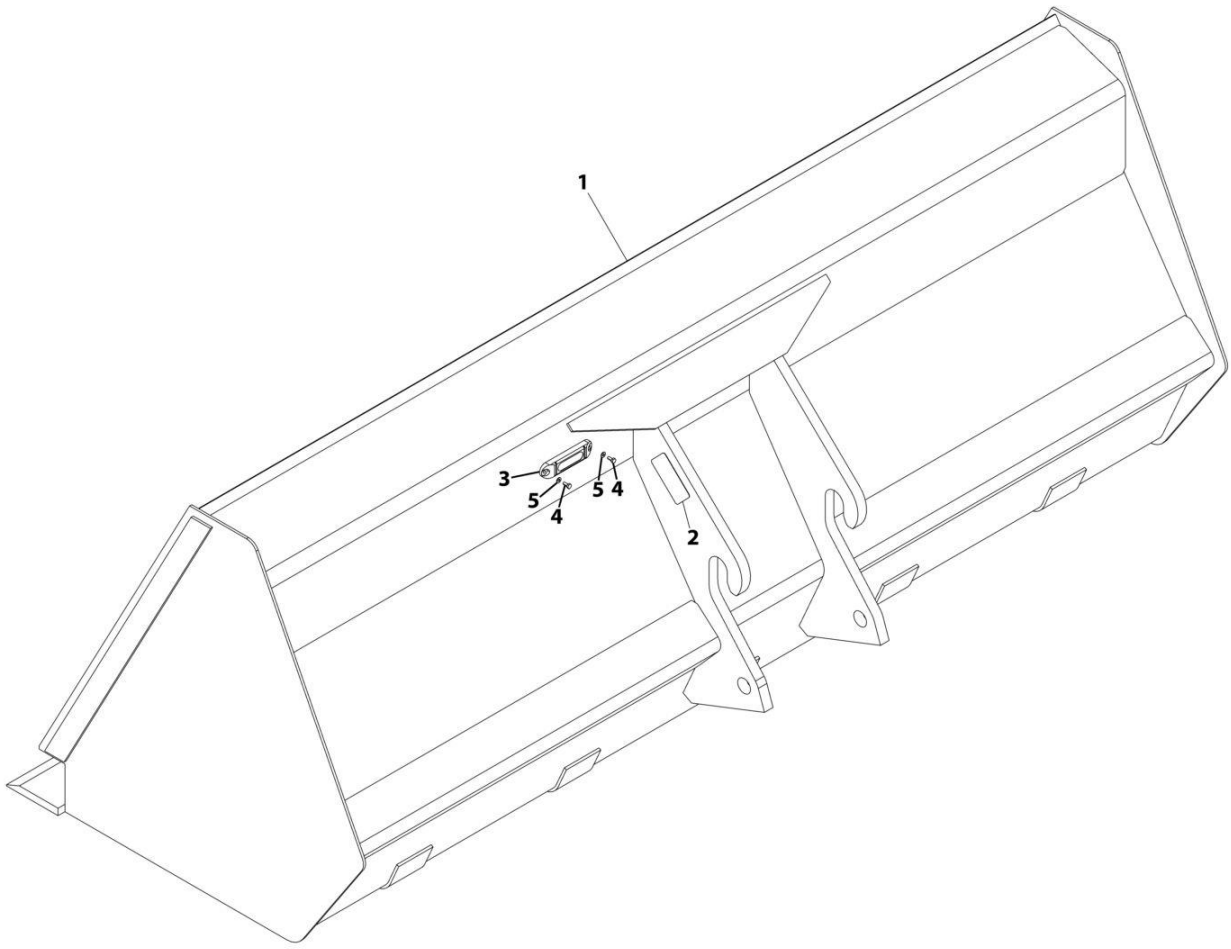


FIGURE 3-15. BUCKET - 102IN (2.0 CU YD)

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

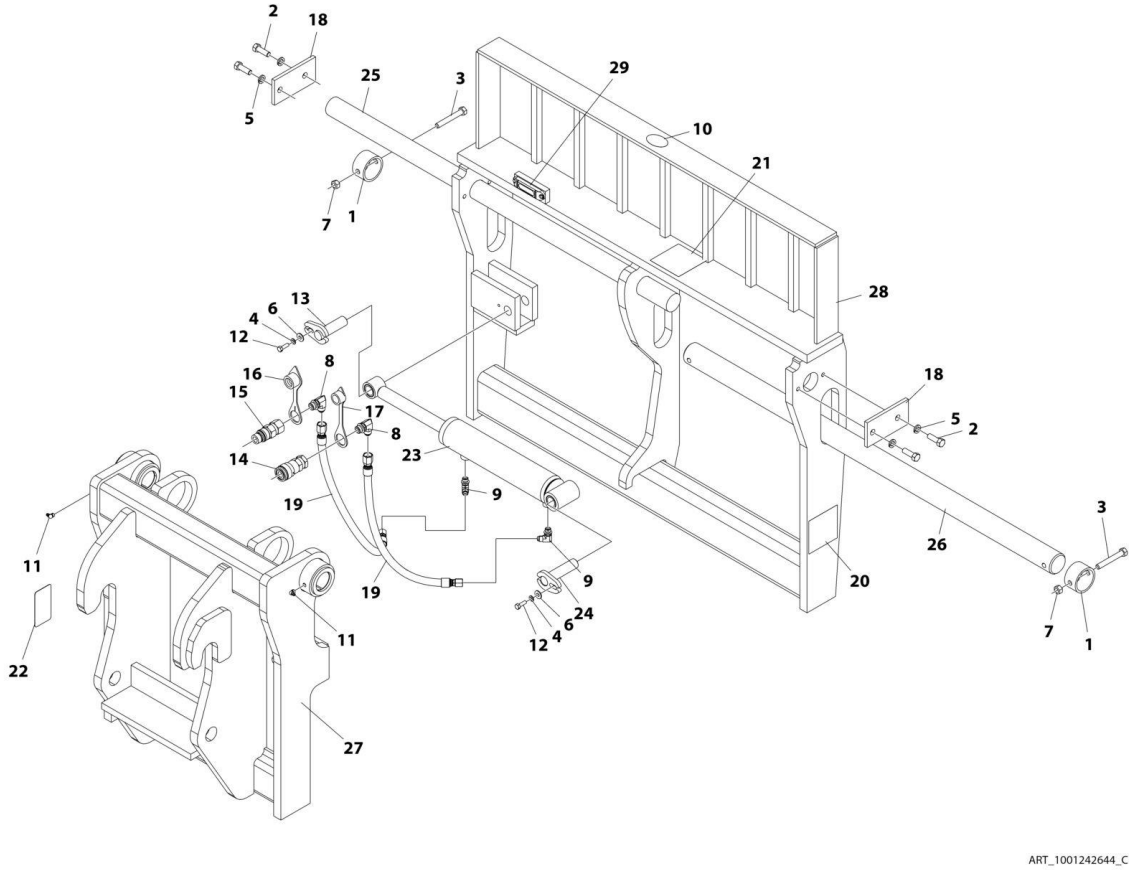


FIGURE 3-16. CARRIAGE ASSEMBLY - 48IN/12000# CAPACITY SIDE SHIFT

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

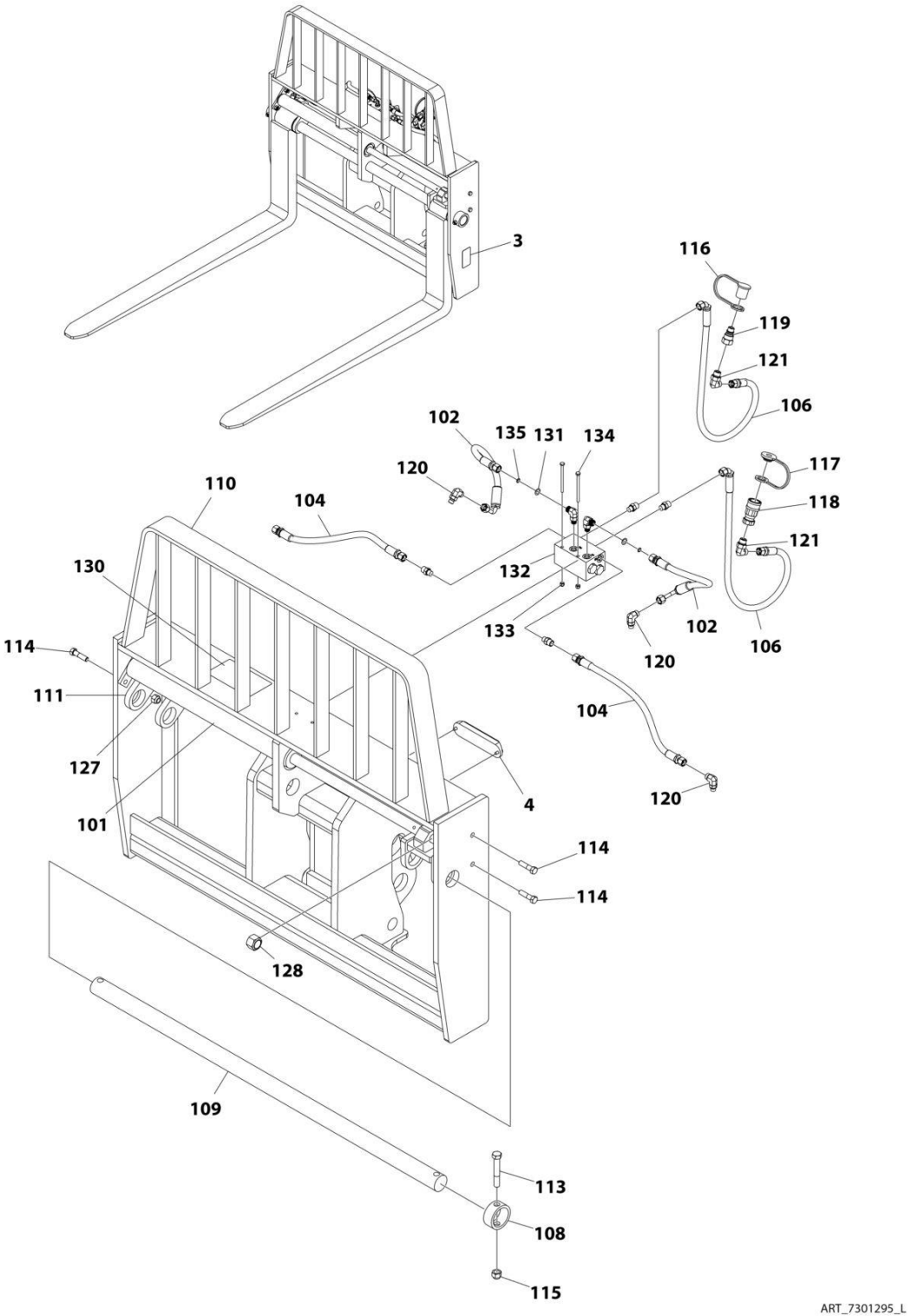


FIGURE 3-17. CARRIAGE ASSEMBLY - 50IN/10000# CAPACITY DUAL FORK POSITIONING

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

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

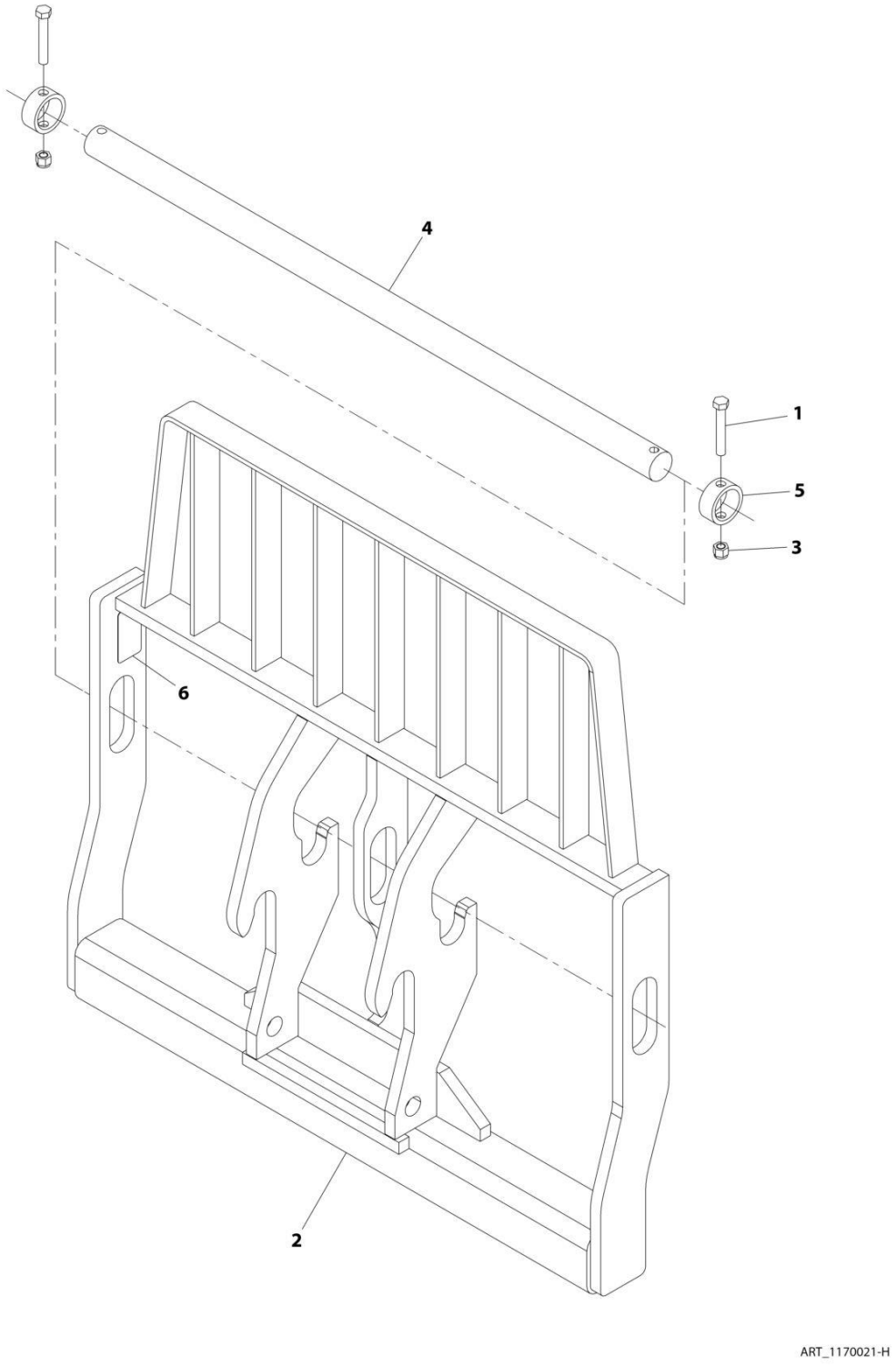


FIGURE 3-18. CARRIAGE ASSEMBLY - 50IN/12000# CAPACITY STANDARD

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

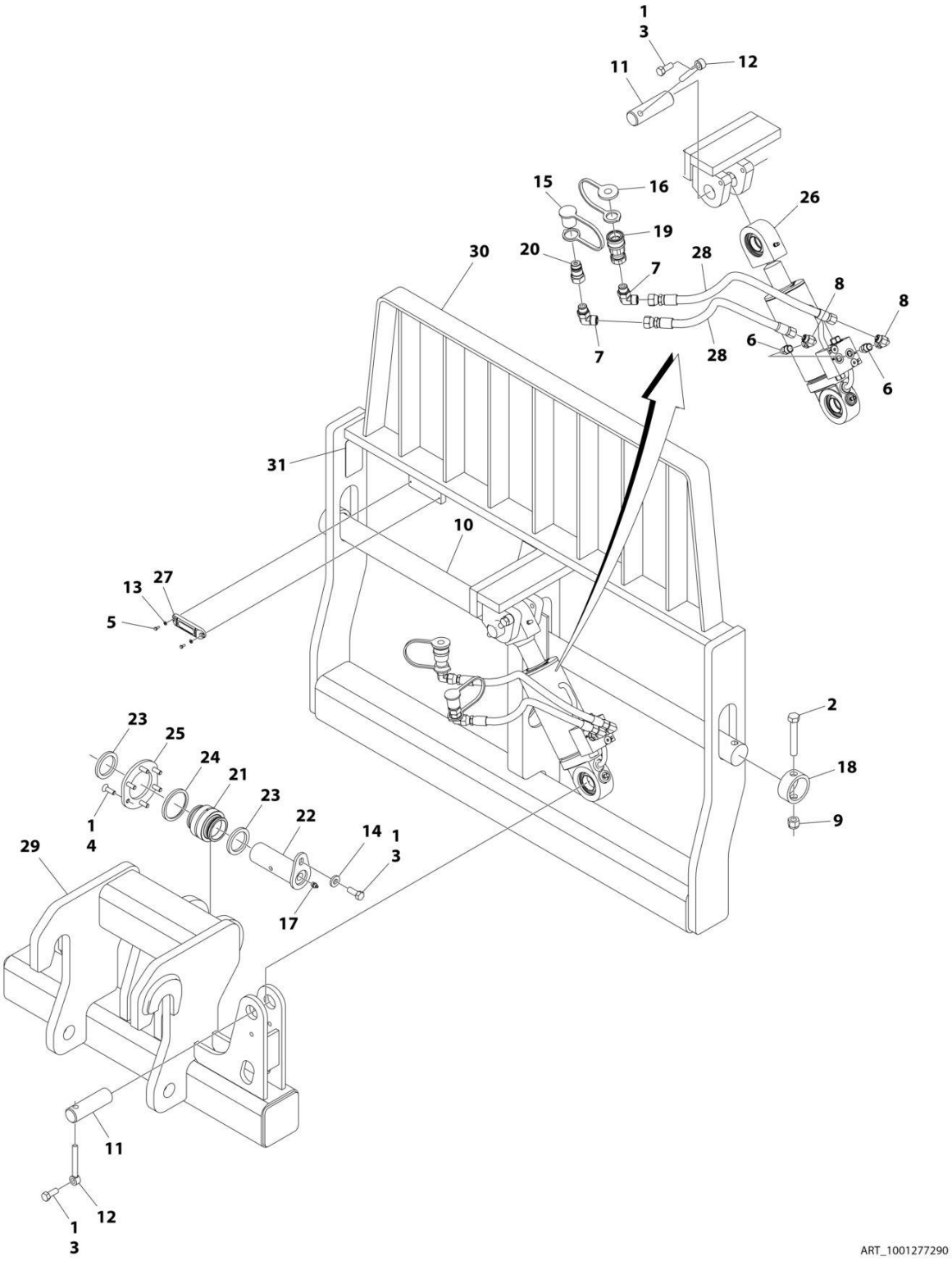


FIGURE 3-19. CARRIAGE ASSEMBLY - 50IN/12000# CAPACITY SIDE TILT

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

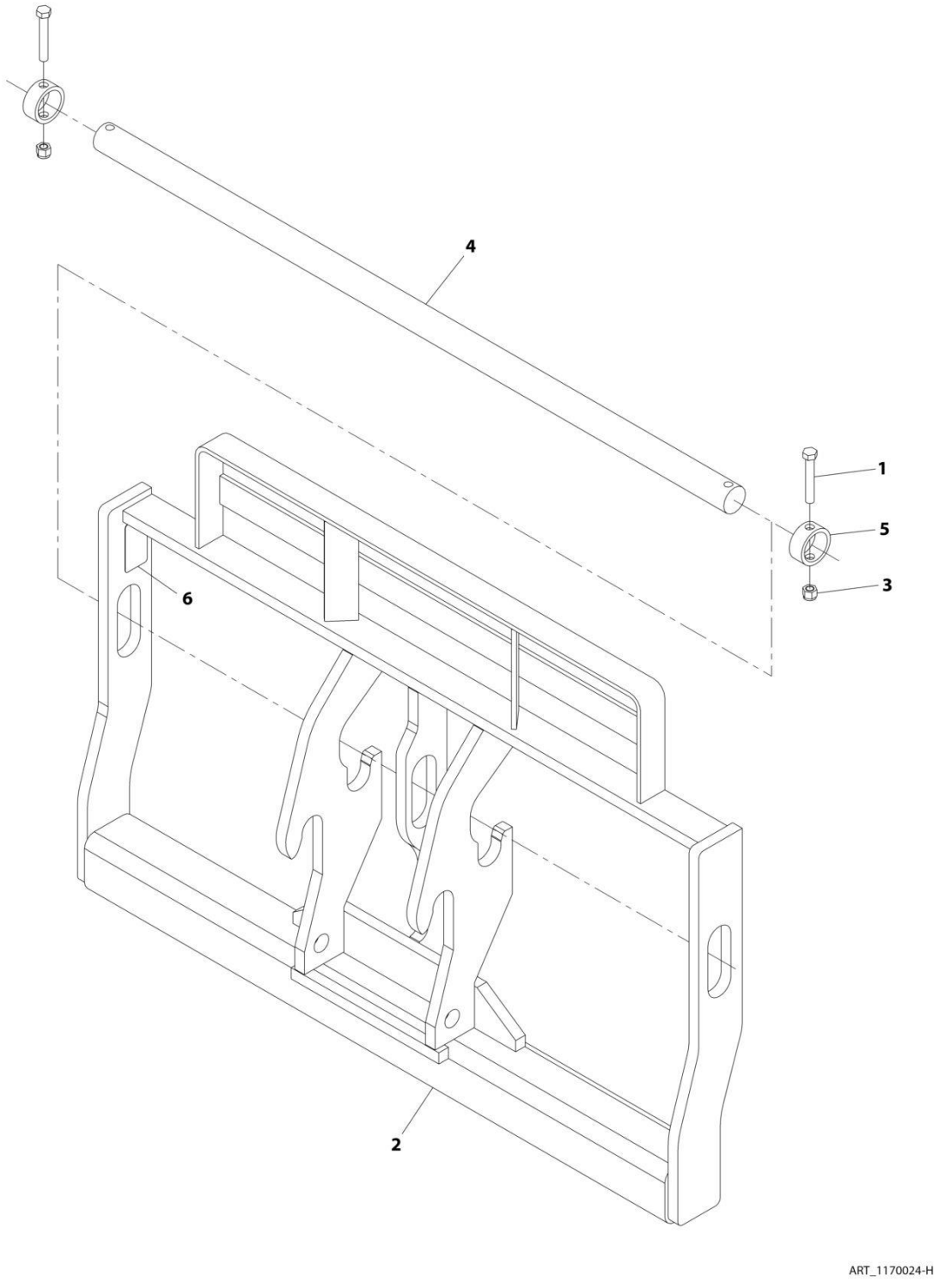


FIGURE 3-20. CARRIAGE ASSEMBLY - 60IN/12000# CAPACITY STANDARD

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

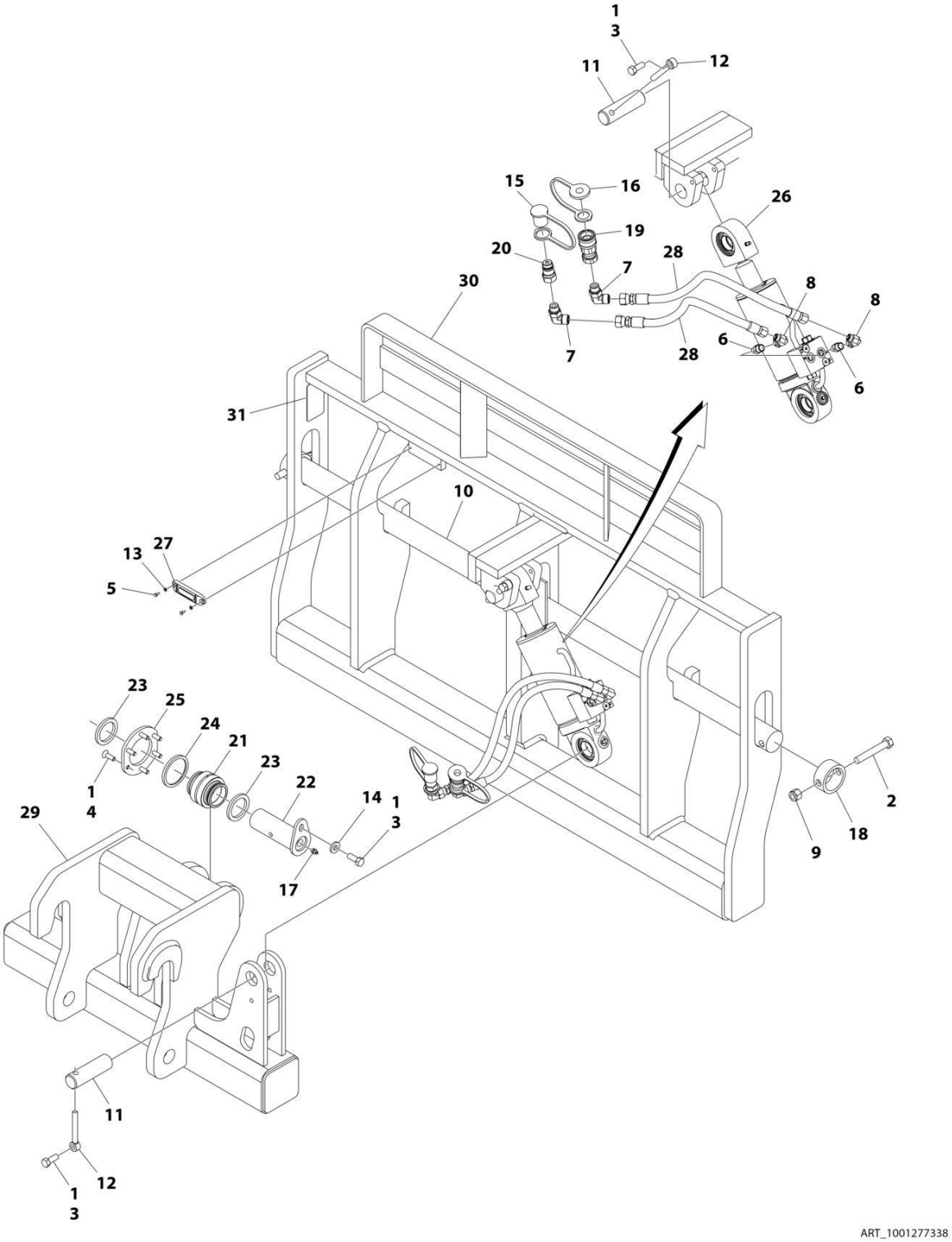


FIGURE 3-21. CARRIAGE ASSEMBLY - 60IN/12000# CAPACITY SIDE TILT

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 (SN 0160115808 to Present)

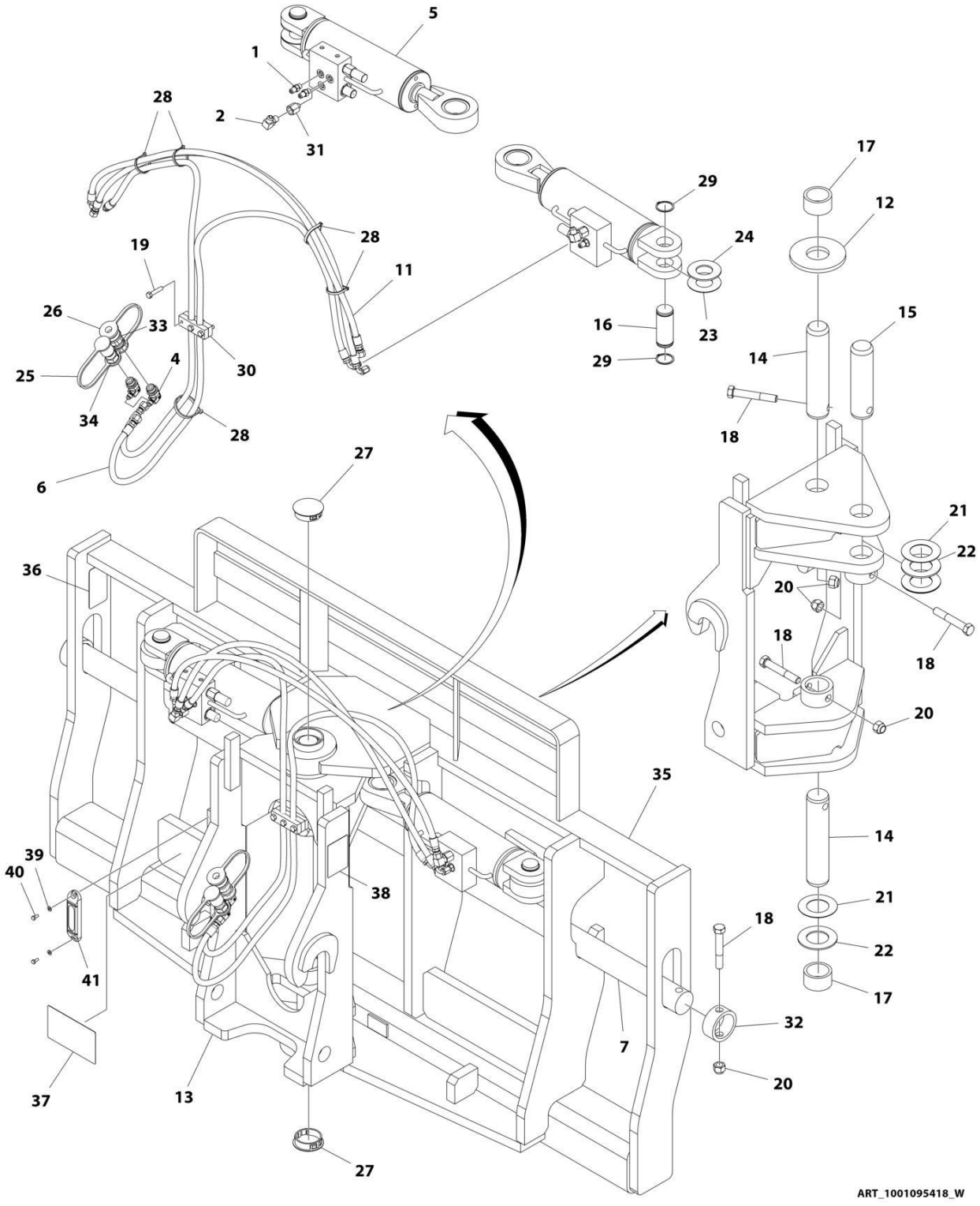


FIGURE 3-22. CARRIAGE ASSEMBLY - 72IN/10000# CAPACITY 90 DEGREE SWING (SN 0160115808 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001095418	Ref	CARRIAGE ASSEMBLY - SWING (72 INCH)	W
1	2220415	4	Fitting, Straight ORFS	
2	2220473	2	Fitting, 90 ORFS	
4	1001211139	2	Adapter, 90	
5	1001293182	1	Swing Carriage Cylinder (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
6	2717287	2	Hose 58in (Boom Front Disconnect)	
6	1001301599	1	Hose 66in (Boom Side Disconnect)	
6	1001301600	1	Hose 46in (Boom Side Disconnect)	
7	3423276	1	Pin	
11	6604662	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	
28	8584001	5	Tie Wrap	
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	

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

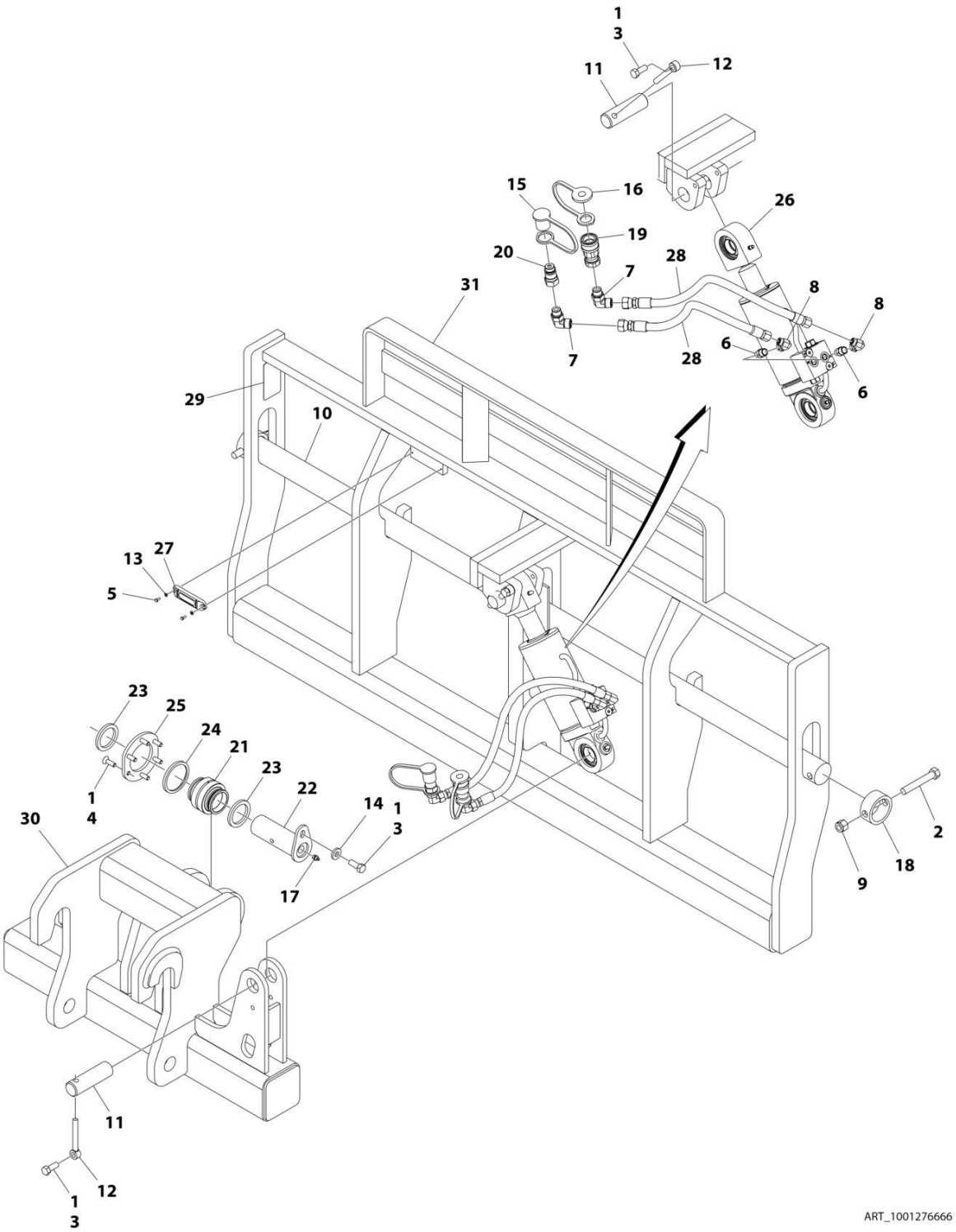


FIGURE 3-23. CARRIAGE ASSEMBLY - 72IN/12000# CAPACITY SIDE TILT

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

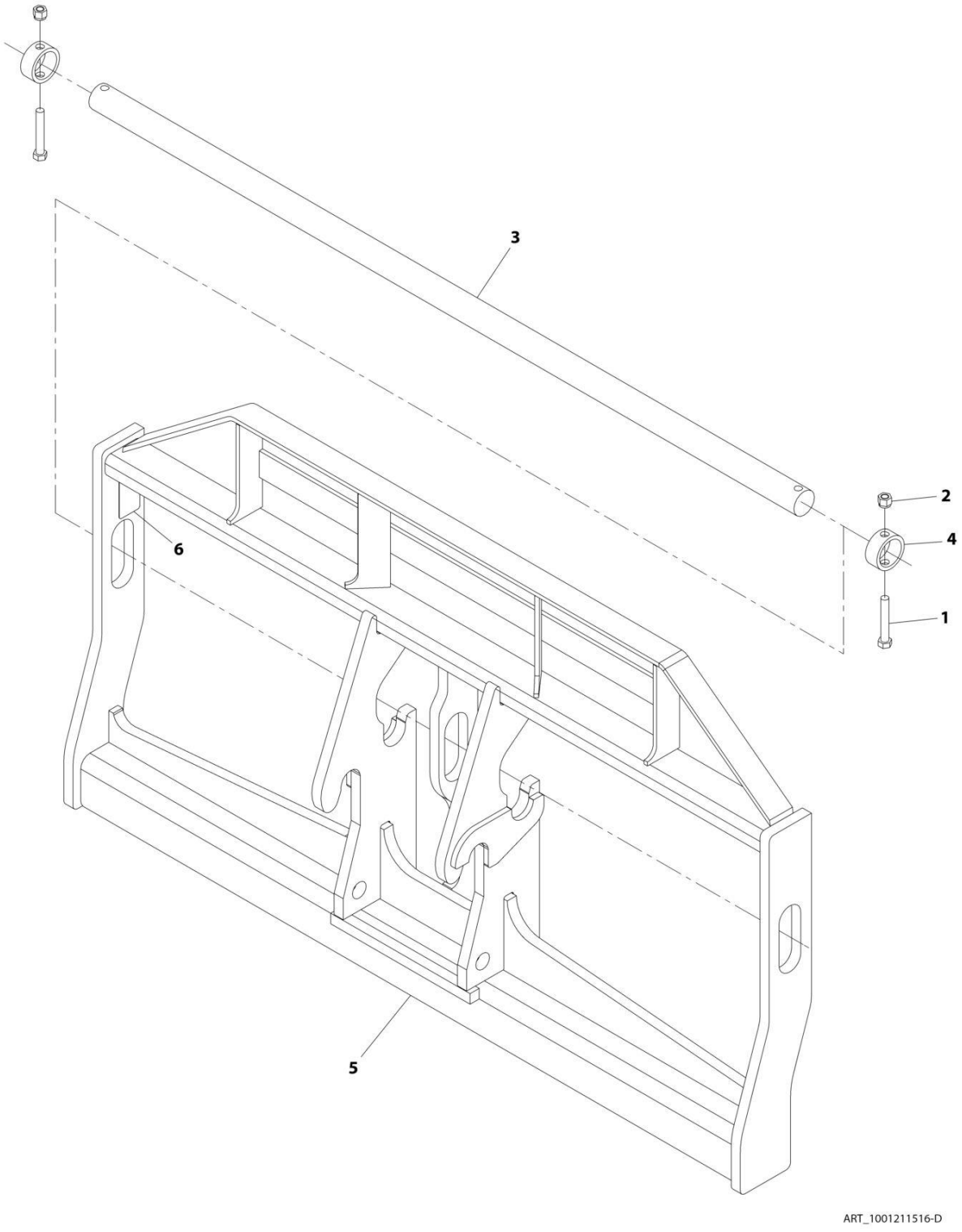


FIGURE 3-24. CARRIAGE ASSEMBLY - 72IN/15000# CAPACITY STANDARD

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

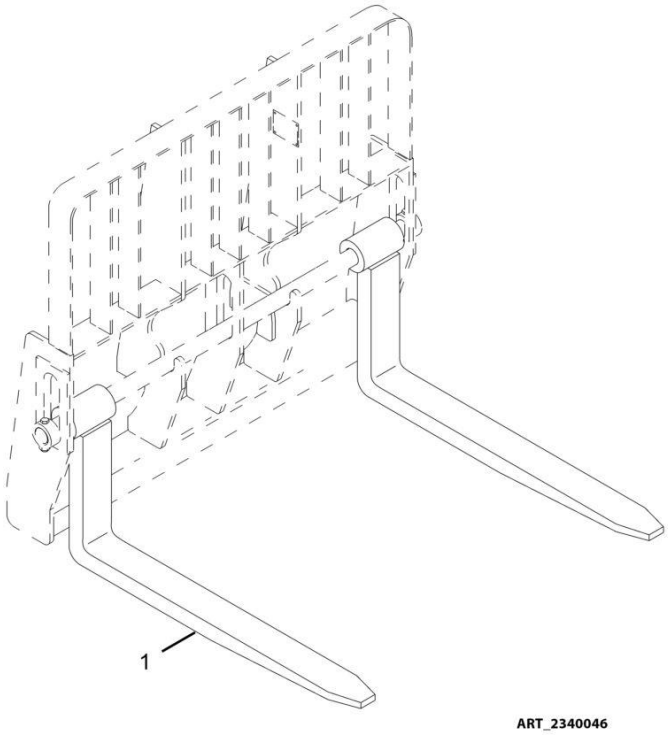


FIGURE 3-25. FORK 1.75X7X60 / 5400# CAPACITY

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

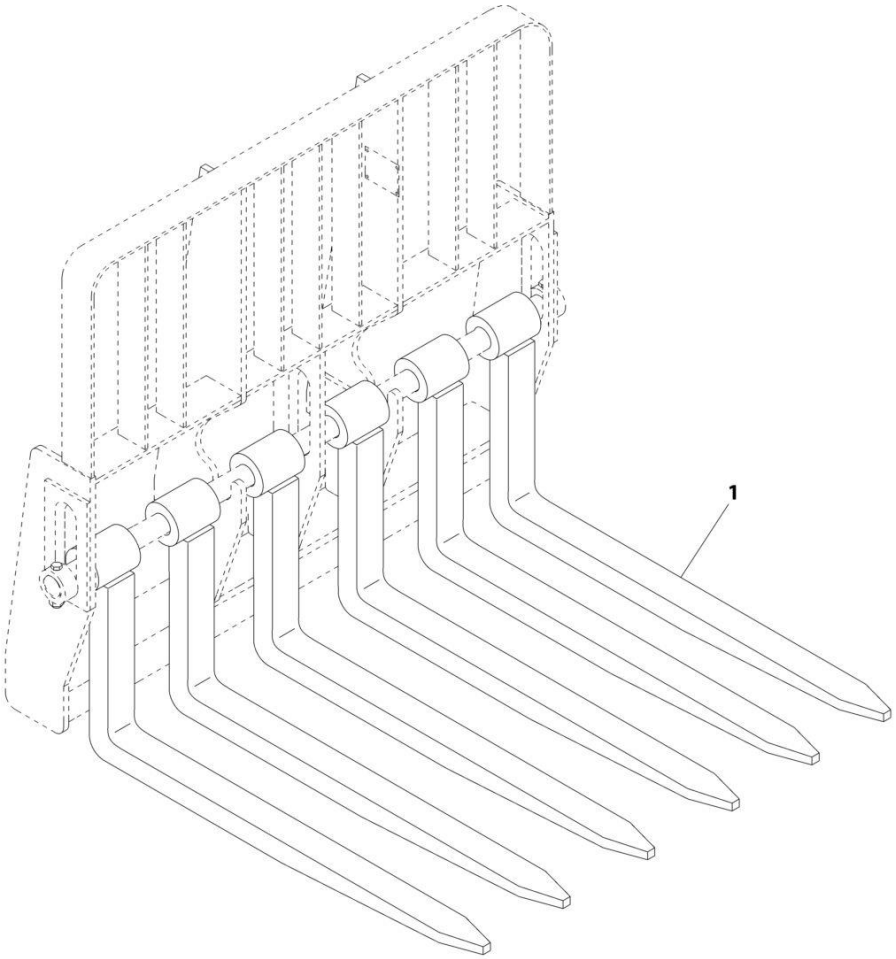


FIGURE 3-26. FORK 2X2X48 / 1940# CAPACITY

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

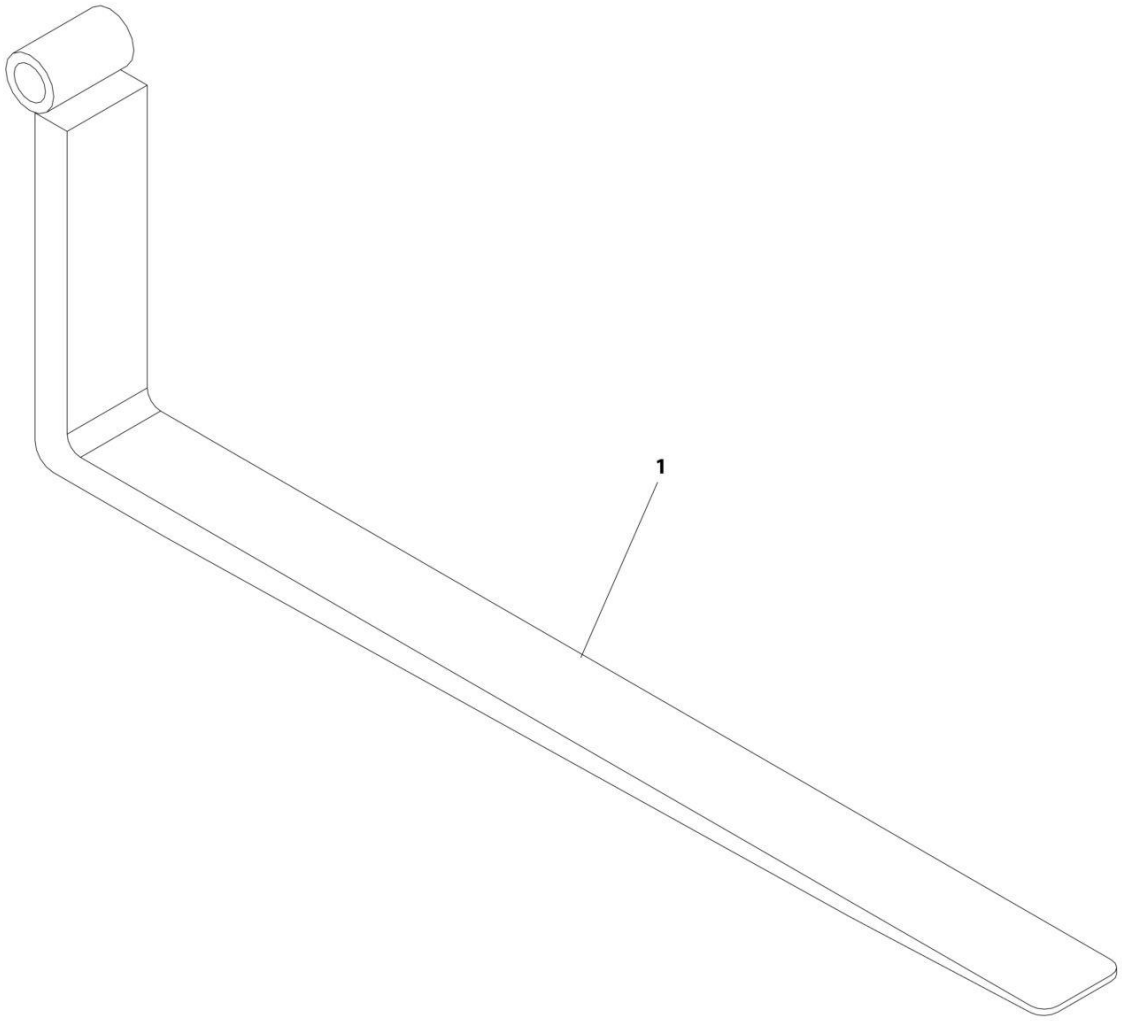


FIGURE 3-27. FORK 2.00X6X72 / 6610# CAPACITY

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 / 5000# CAPACITY

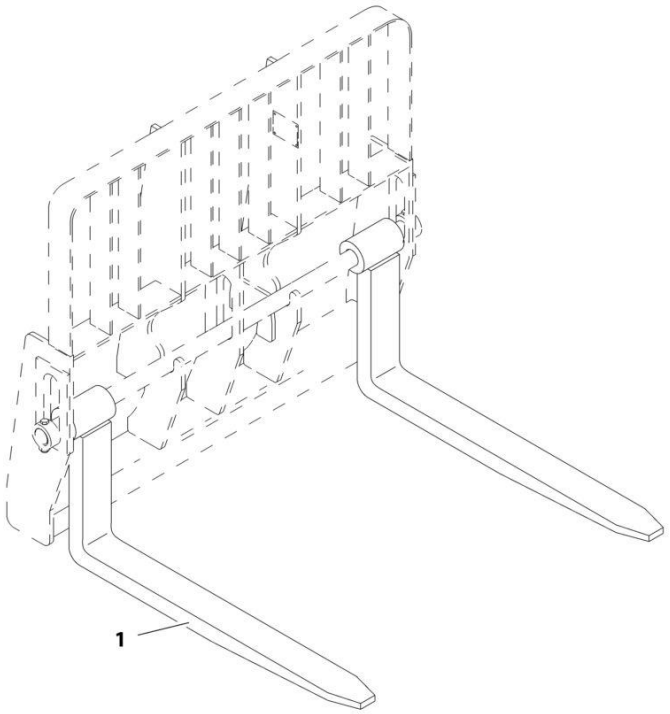


FIGURE 3-28. FORK 2.36X4X48 / 5000# CAPACITY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	2340045	2	Pallet Fork (2.36X4X48)	
	Note	Ref	**FORKS RATED LESS THAN THE ATTACHMENT OR MACHINE'S CAPACITY DECREASES CAPACITY OF THE ATTACHMENT OR MACHINE TO THAT OF THE FORKS. FORKS RATED MORE THAN THE ATTACHMENT OR MACHINE'S CAPACITY DO NOT INCREASE ATTACHMENT OR MACHINE'S CAPACITY.**	
	Note	Ref	**PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.**	

FIGURE 3-29. FORK 2.36X4X48 / 5475# CAPACITY

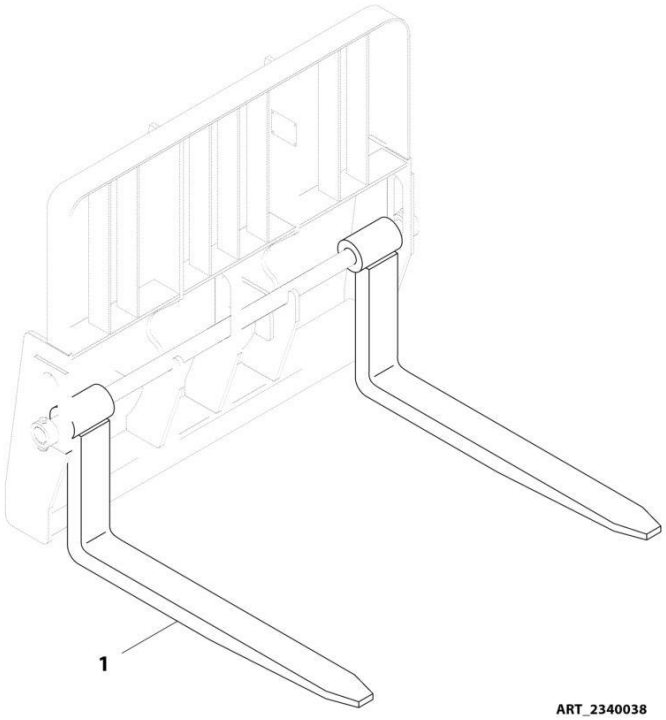


FIGURE 3-29. FORK 2.36X4X48 / 5475# CAPACITY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	2340038	2	Pallet Fork (2.36X5X48)	B
	Note	Ref	**FORKS RATED LESS THAN THE ATTACHMENT OR MACHINE'S CAPACITY DECREASES CAPACITY OF THE ATTACHMENT OR MACHINE TO THAT OF THE FORKS. FORKS RATED MORE THAN THE ATTACHMENT OR MACHINE'S CAPACITY DO NOT INCREASE ATTACHMENT OR MACHINE'S CAPACITY.**	
	Note	Ref	**PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.**	

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

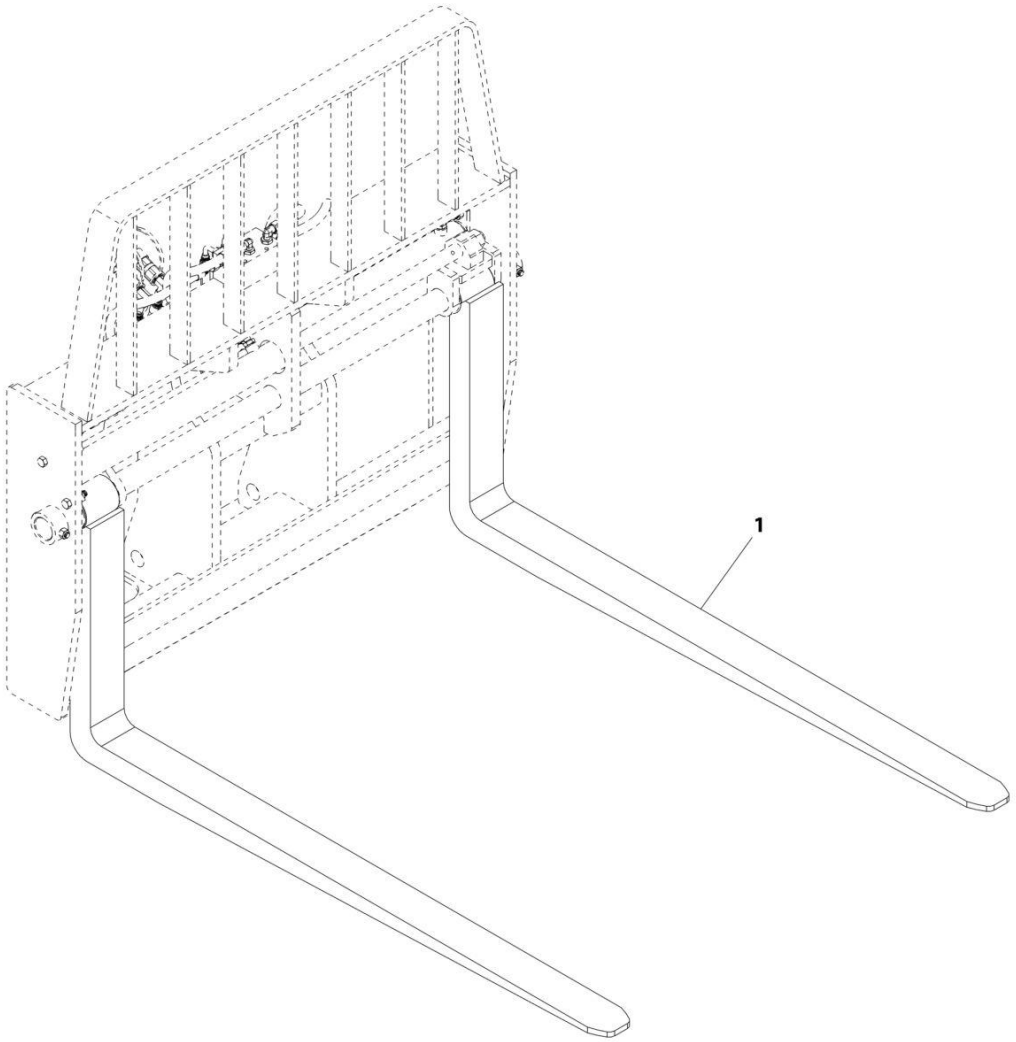


FIGURE 3-30. FORK 2.36X4X60 / 5000# CAPACITY

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 / 6850# CAPACITY

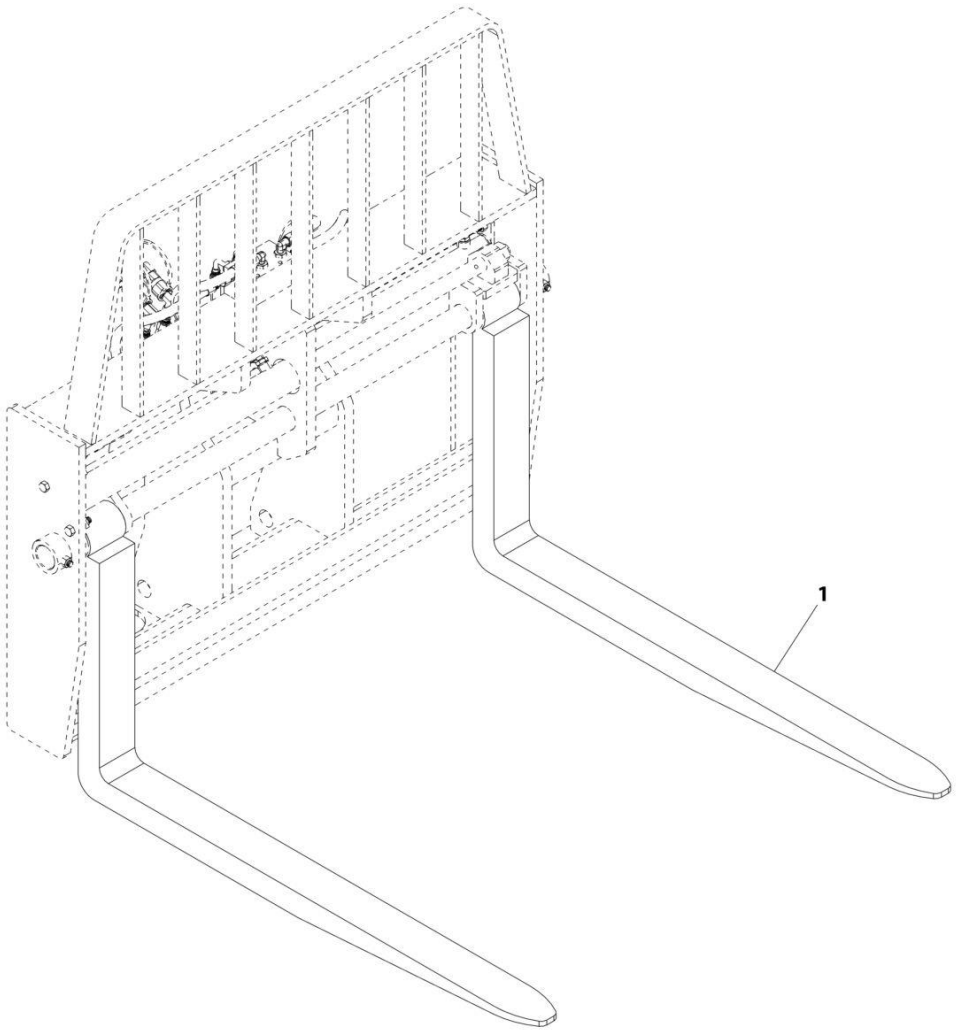


FIGURE 3-31. FORK 2.36X5X48 / 6850# CAPACITY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	7301408	2	Pallet Fork (2.36X4X48)	D
N1	Note	Ref	**FORKS RATED LESS THAN THE ATTACHMENT OR MACHINE'S CAPACITY DECREASES CAPACITY OF THE ATTACHMENT OR MACHINE TO THAT OF THE FORKS. FORKS RATED MORE THAN THE ATTACHMENT OR MACHINE'S CAPACITY DO NOT INCREASE ATTACHMENT OR MACHINE'S CAPACITY.**	
N2	Note	Ref	**PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.**	

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

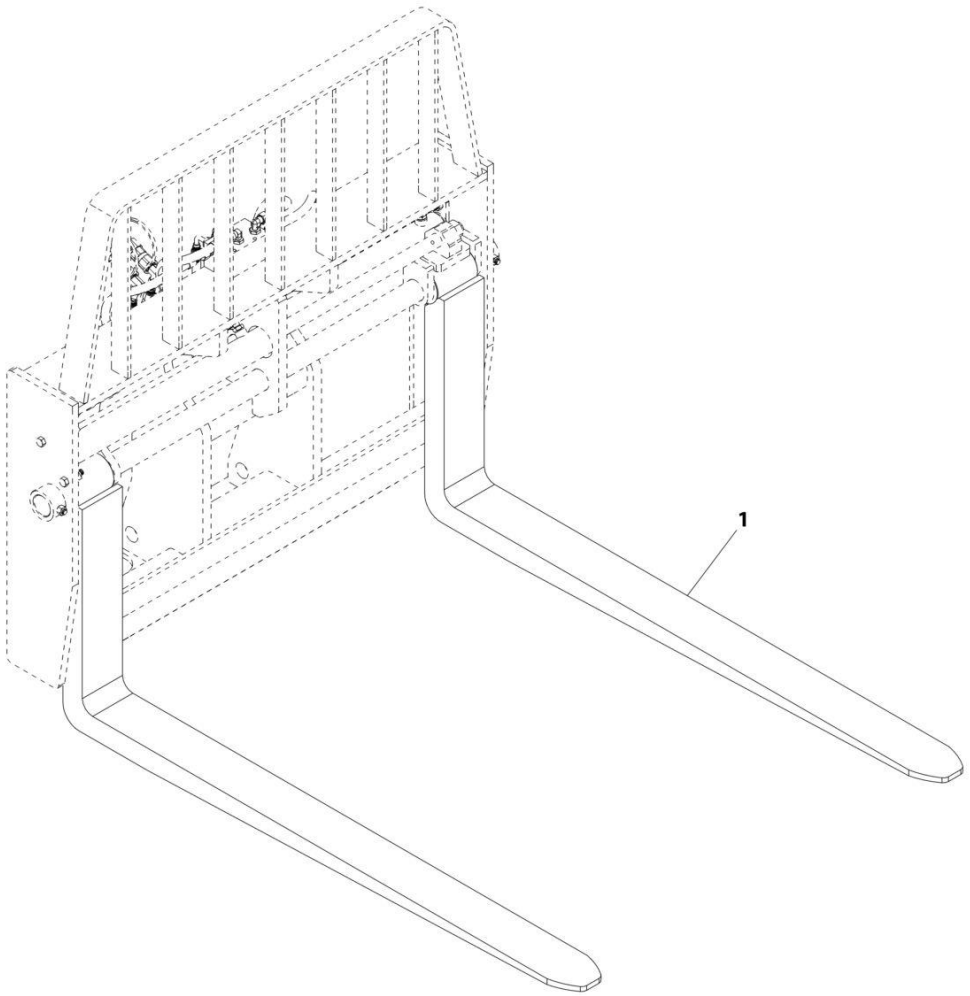
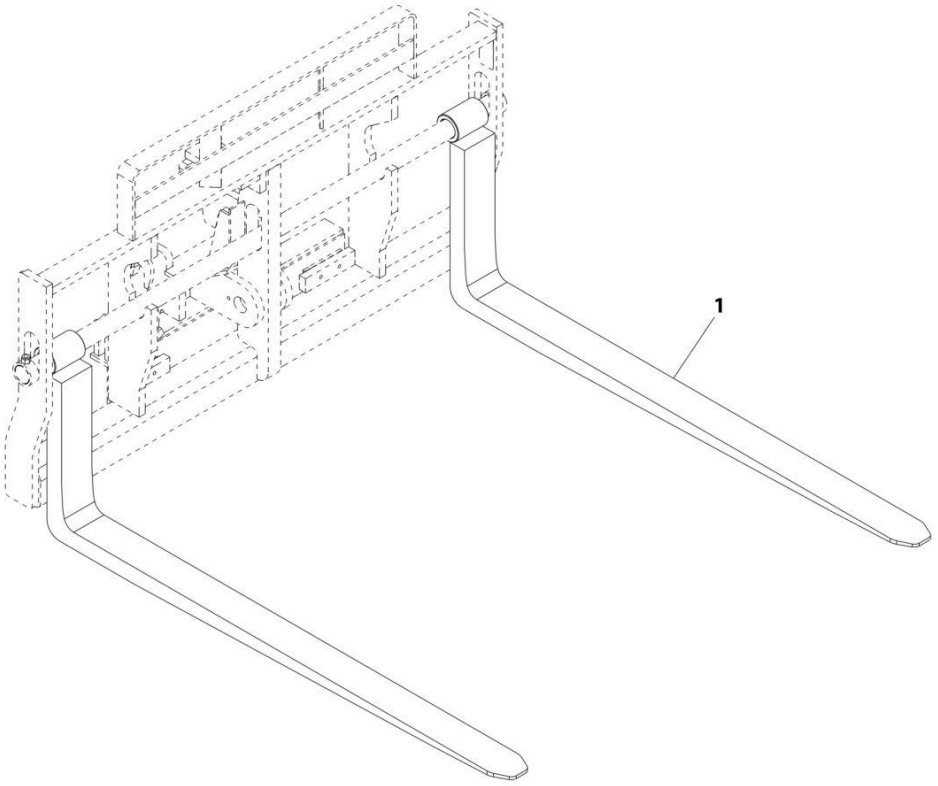


FIGURE 3-32. FORK 2.36X5X60 / 6850# CAPACITY

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

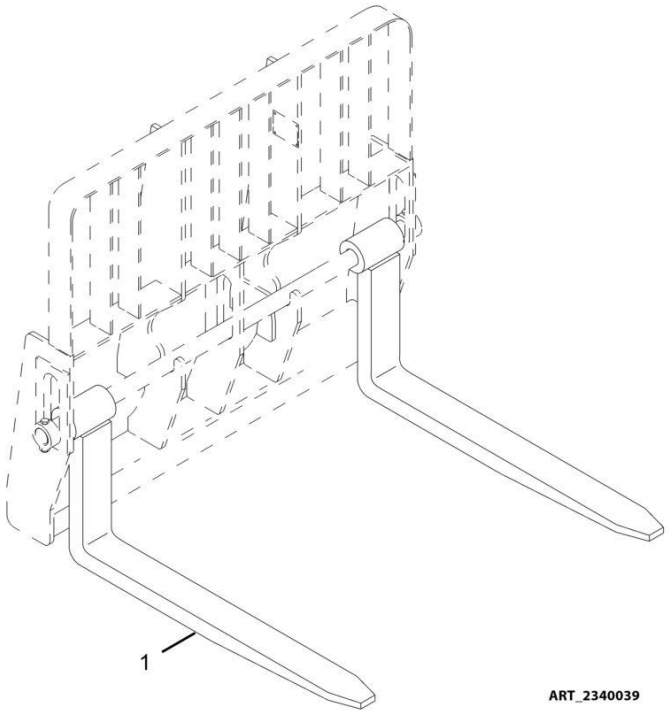


FIGURE 3-34. FORK 2.36X6X60 / 8150# CAPACITY

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

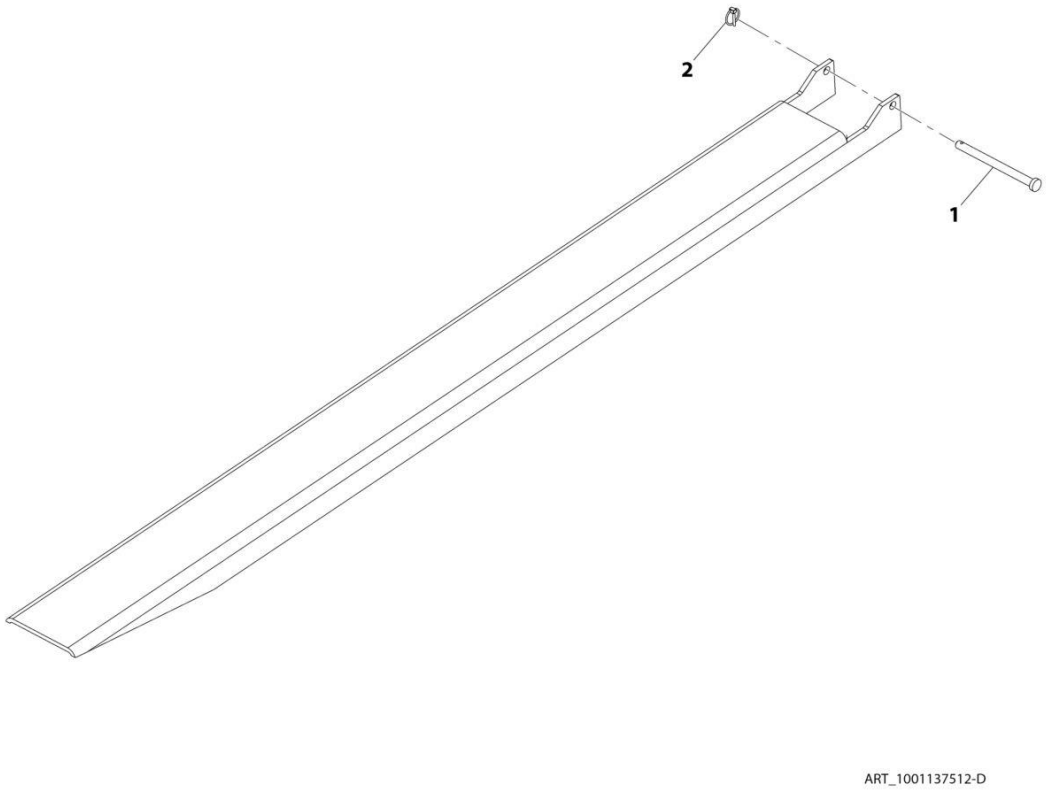
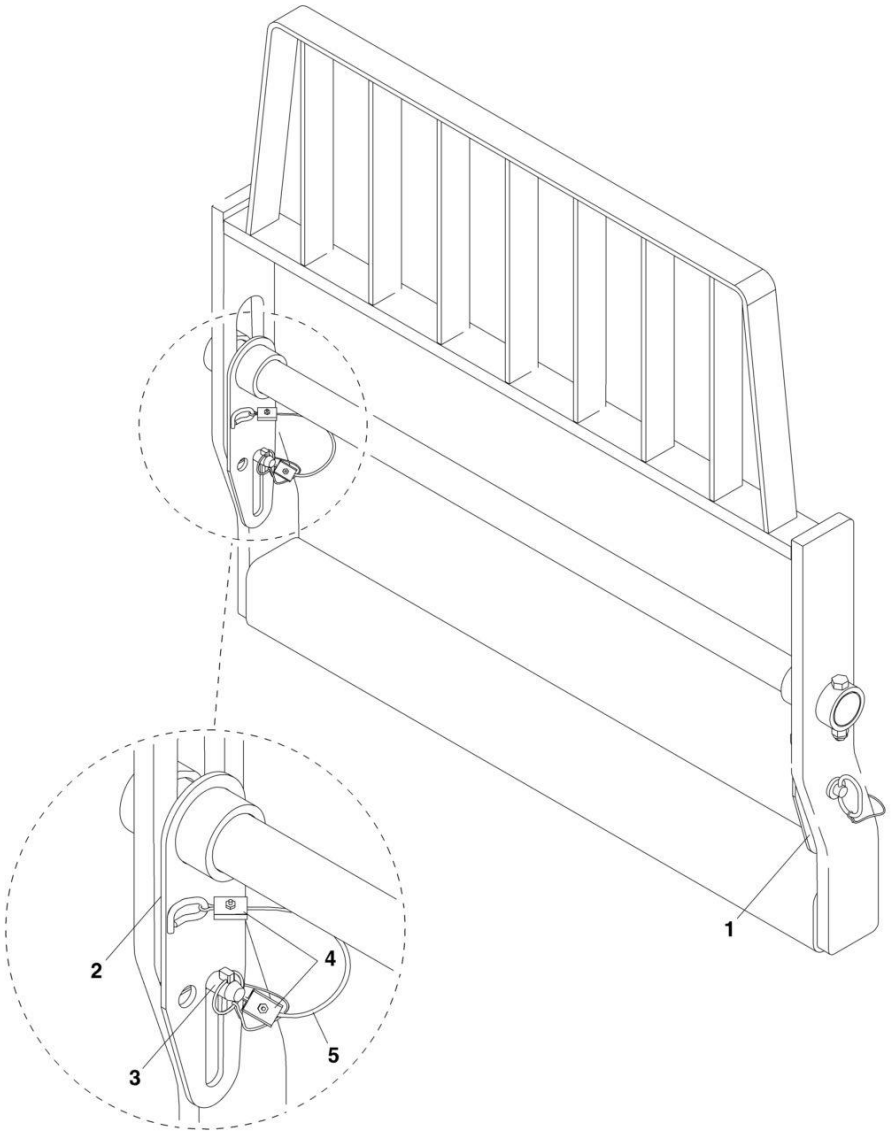


FIGURE 3-35. FORK EXTENSION - 90IN

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

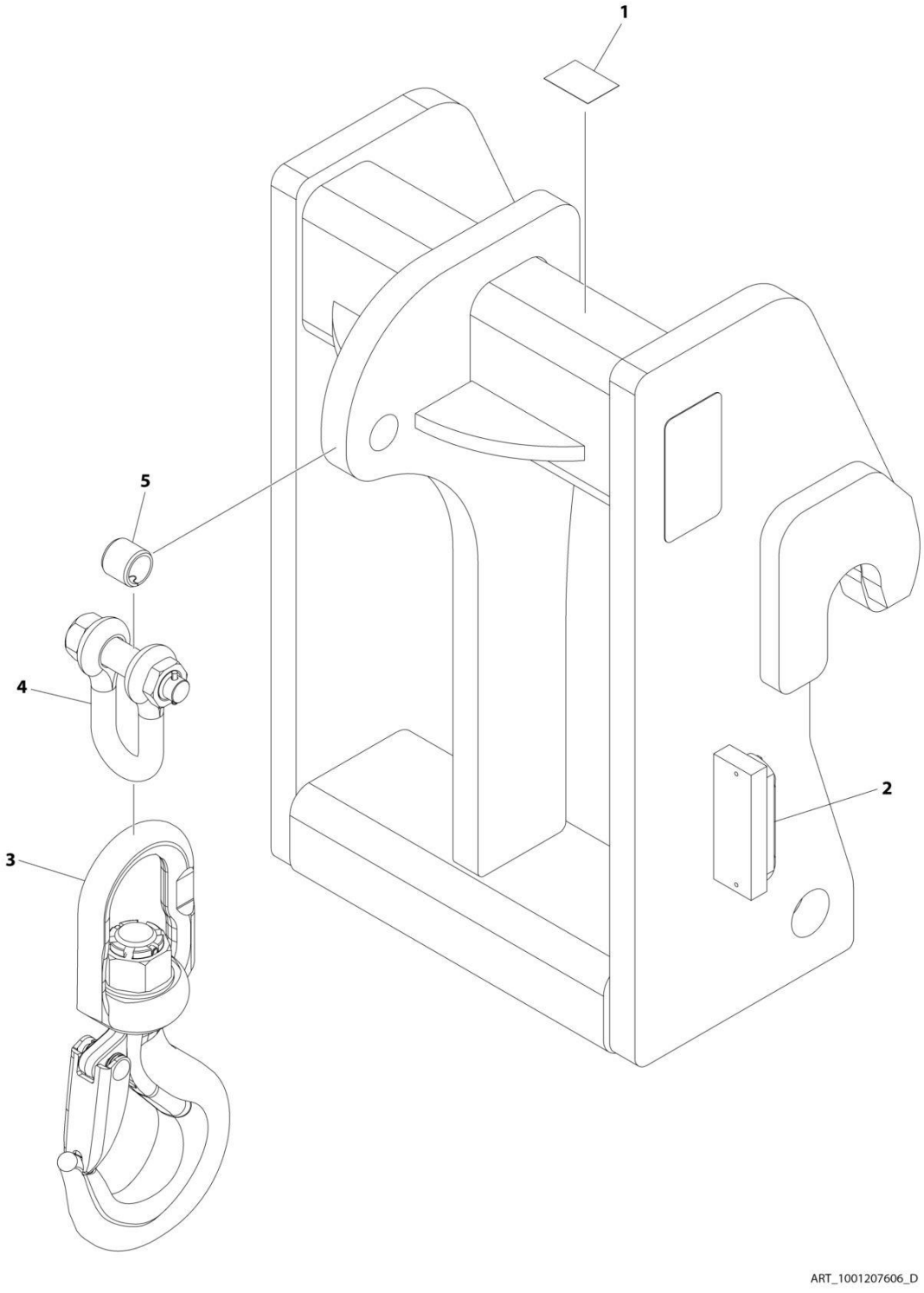


FIGURE 3-37. HOOK, COUPLING

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

FIGURE 3-38. HOOK, CRANE

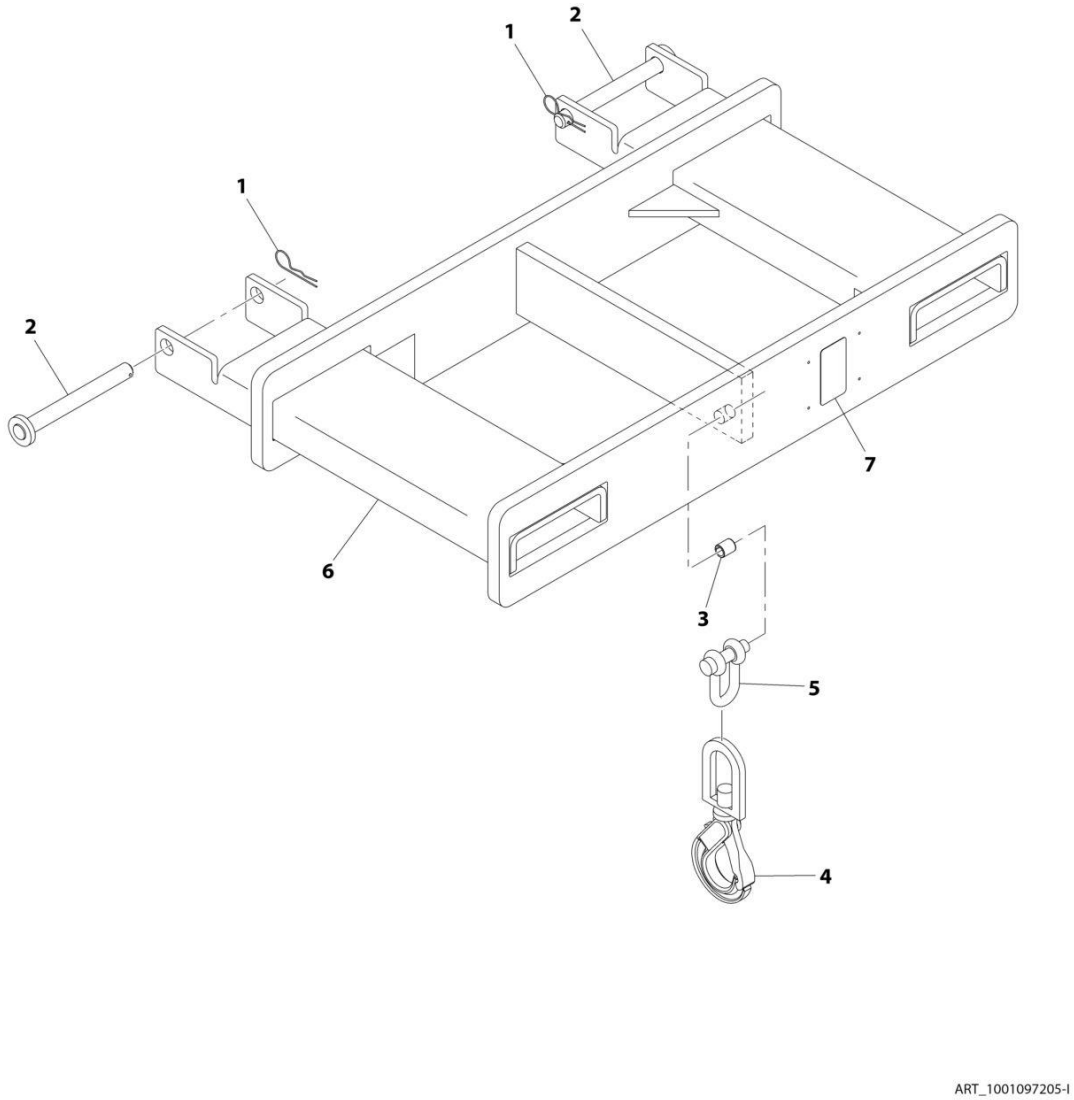
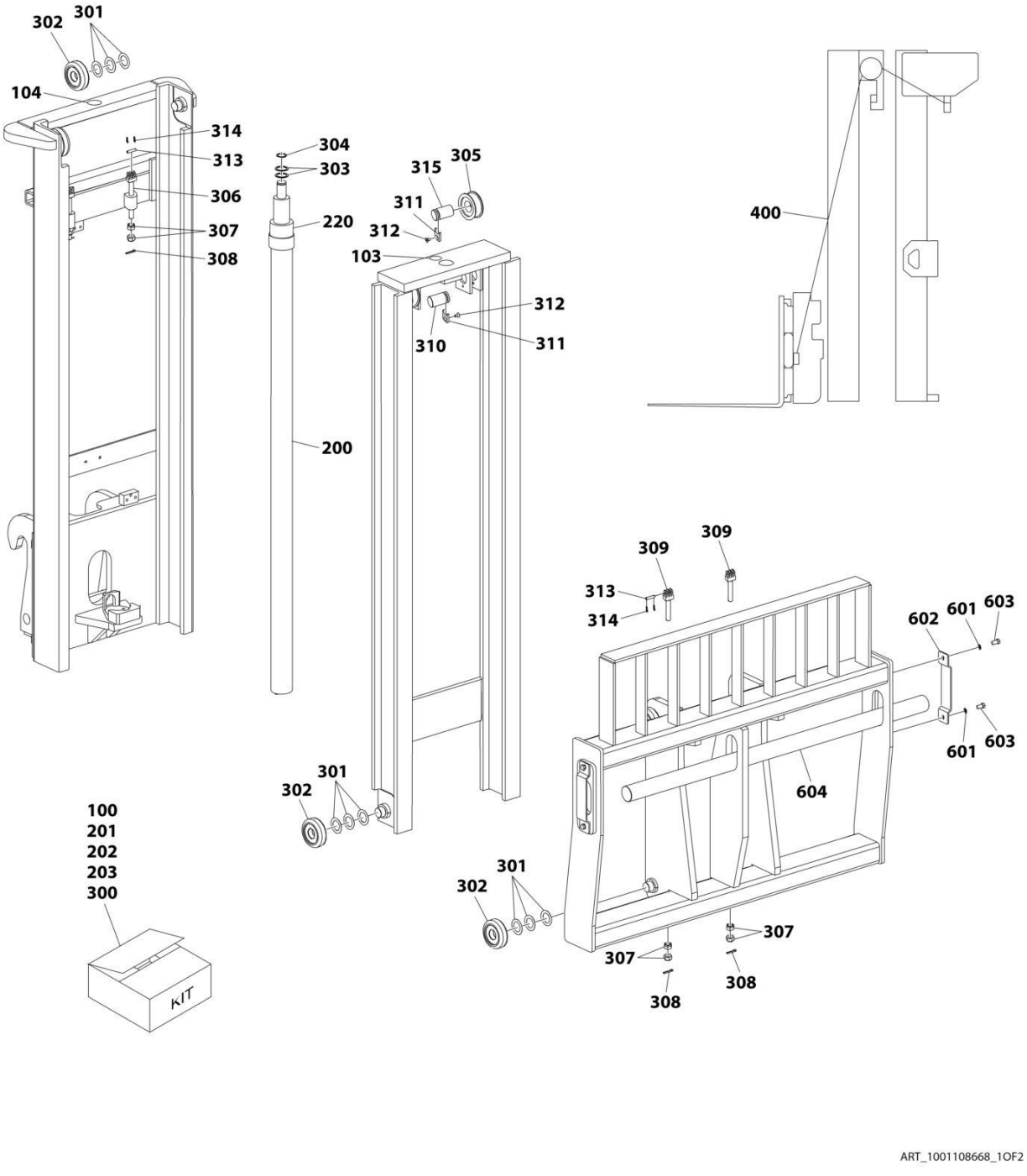


FIGURE 3-38. HOOK, CRANE

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



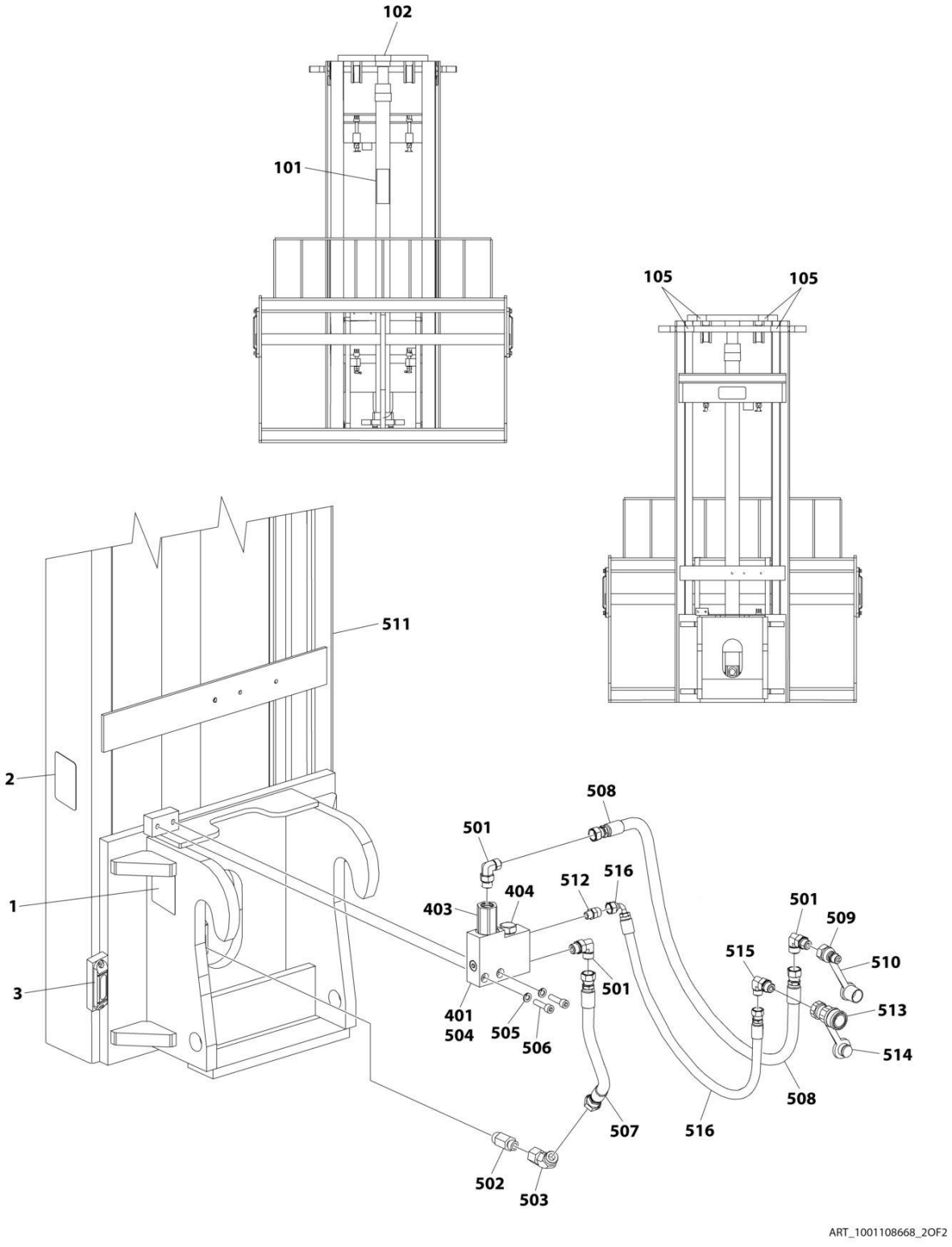
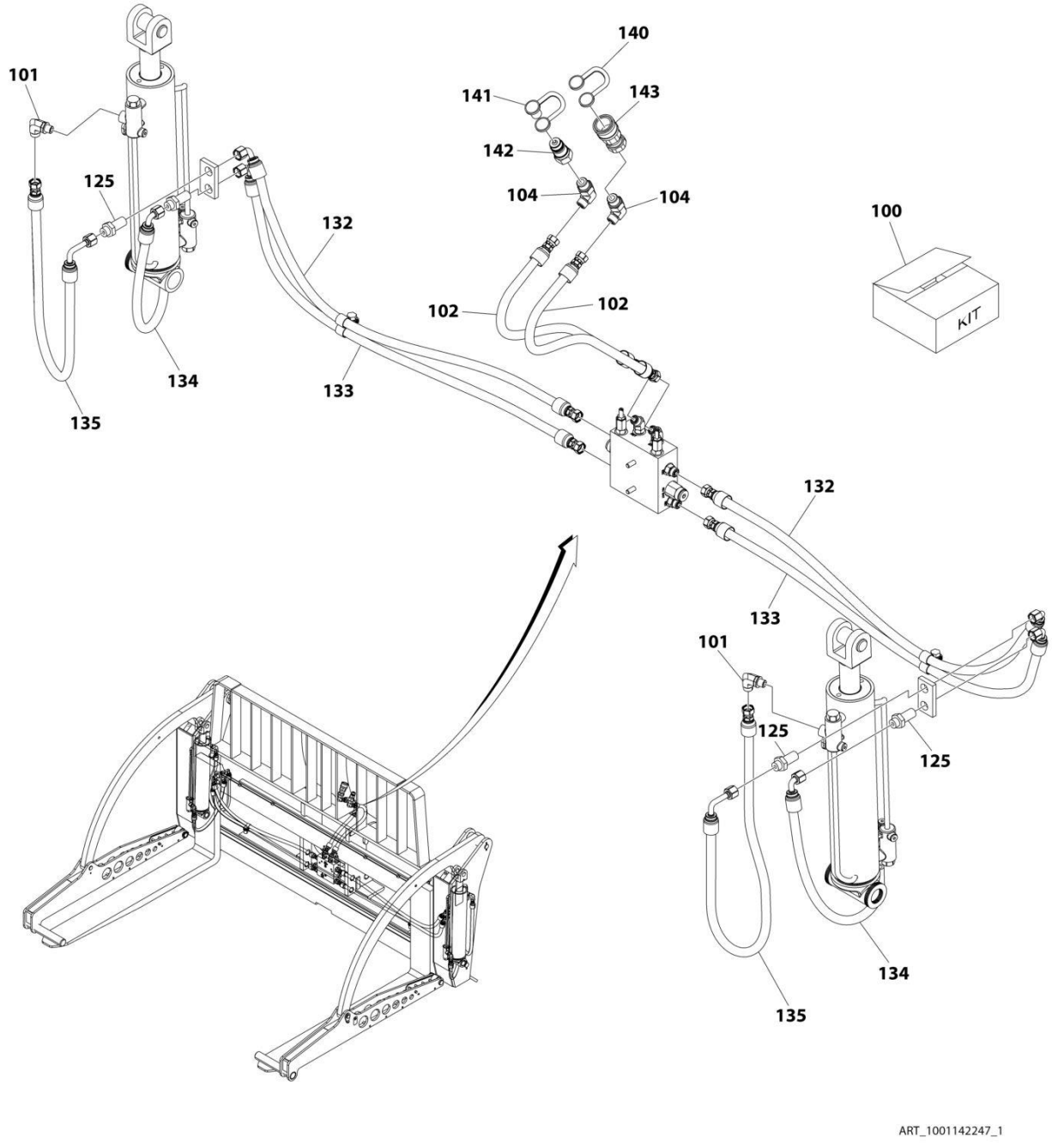

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ART_1001108668_2OF2

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. PIPE HANDLER



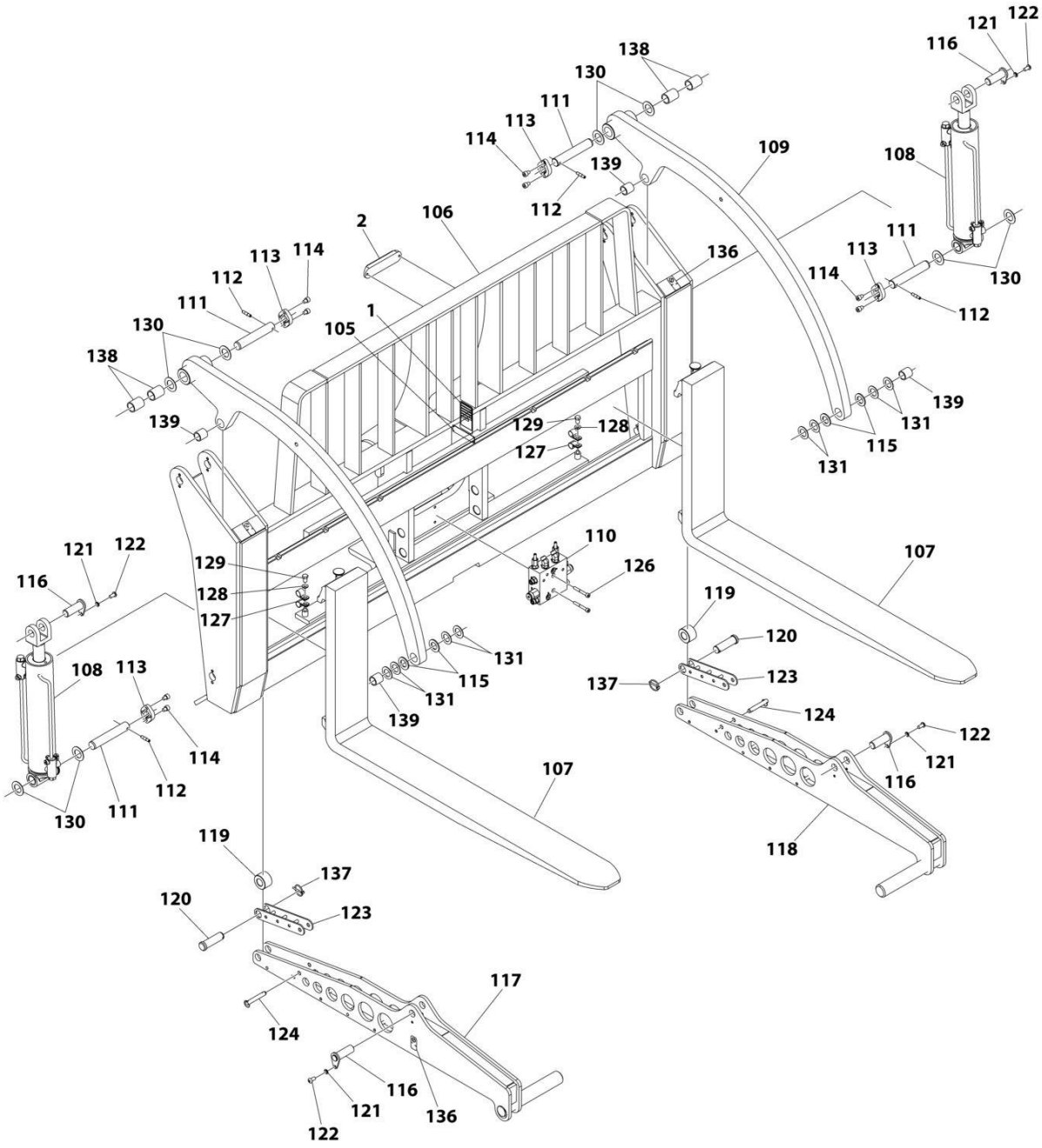

ART_1001142247_2

FIGURE 3-40. PIPE HANDLER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142247	Ref	PIPE HANDLER ASSEMBLY	G
1	See Note	NSS	JLG Plate (Note: Stamped Part - Not Available for Purchase)	
2	1001227670	1	Tag, RFID	
100	70026585	1	Disconnect & Hose Kit (Boom Front Disconnect) (Includes Items 101, 102, 104, 125, 132-135, 140-143)	
100	70031442	1	Disconnect Kit (Boom Side Disconnect) (Includes Items 102, 104, & 140-143)	
101	70024123	4	Fitting, 90	
102	70026347	2	Hose 20in (Boom Front Disconnect)	
102	70031448	2	Hose 44in (Boom Side Disconnect)	
104	70024550	2	Fitting, 90	
105	See Note	NSS	S/N Plate (Note: Stamped Part - Not Available for Purchase)	
106	See Note	NSS	Carriage (Note: Purcahse Complete Assembly)	
107	70026586	2	Fork	
108	70026587	2	Cylinder, Pipe Handler (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
109	70026588	2	Arm	
110	70026589	1	Valve Assembly (See Separate Breakdown in HYDRAULIC CIRCUITS Section)	
111	70026470	4	Pin	
112	70026471	4	Pin Drive - Lock	
113	70026472	4	Retainer	
114	70026473	8	Capscrew, M10 x 12	
115	70026590	4	Thrust Washer	
116	70026591	4	Pin Weldment	
117	70026592	1	Contact Pad - RH	
118	70026593	1	Contact Pad - LH	
119	70026594	2	Roller	
120	70026595	2	Clevis Pin	
121	70026596	4	Lockwasher, M8	
122	70026597	4	Capscrew, M8 x 16	
123	70026598	2	Retainer	
124	70026599	2	Ring Detent Pin	
125	70023000	4	Fitting	
126	70026600	2	Capscrew, M8 x 60	
127	70026481	4	Hose Clamp	
128	70026482	2	Washer	
129	70022996	2	Capscrew, M10X16	
130	70026476	24	Shim	
131	70026601	8	Shim	
132	70026602	2	Hose	
133	70026603	2	Hose	
134	70026604	2	Hose	
135	70026605	2	Hose	
136	70024538	4	Warning Decal	
137	70026606	2	Lynch Pin, 3/16	
138	70026501	4	Bushing	
139	70026607	4	Bushing	
140	70026608	1	Plug	
141	70026609	1	Cap	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
142	91403414	1	Coupler - Male	
143	91403413	1	Coupler - Female	

FIGURE 3-41. SHEET MATERIAL HANDLER

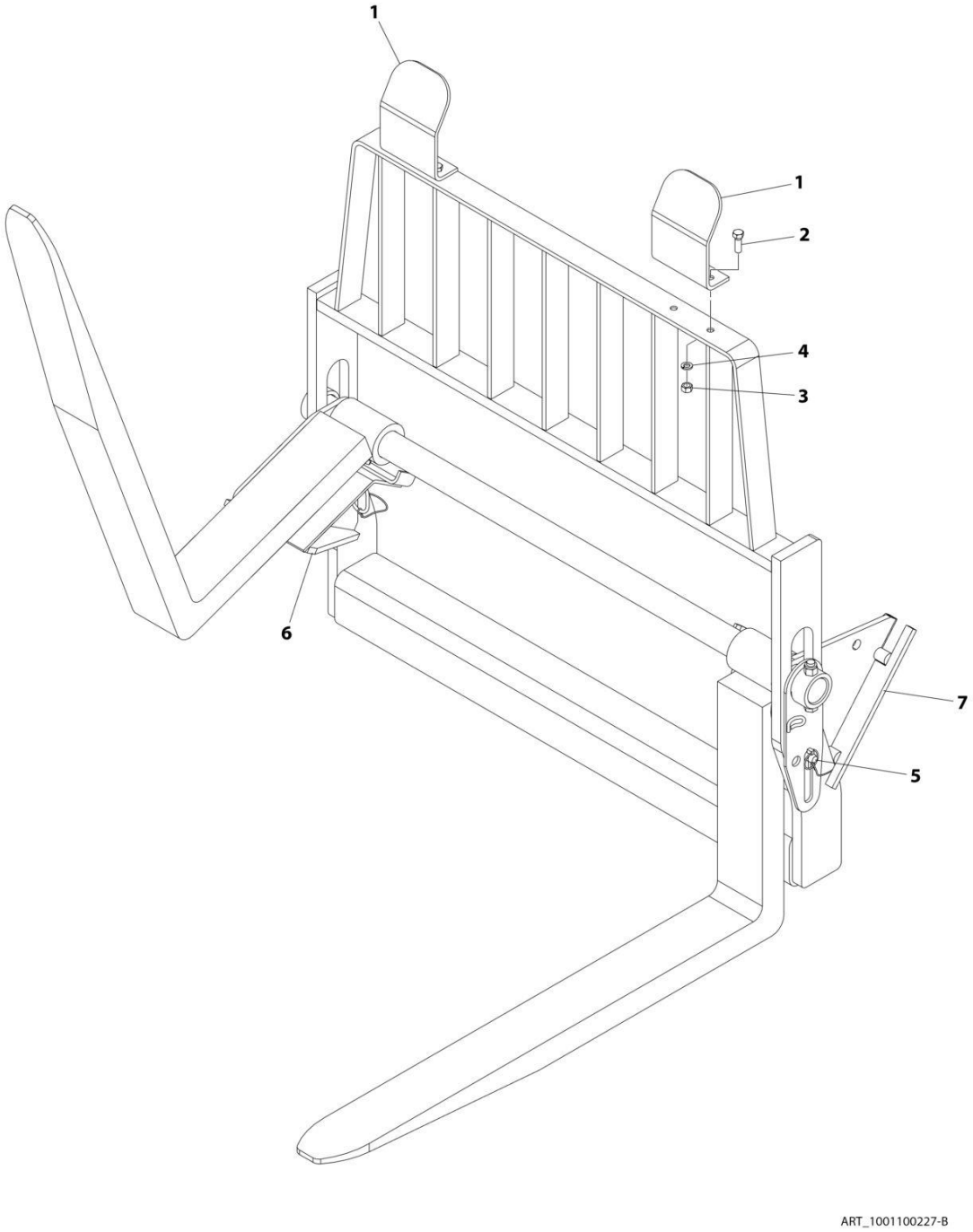
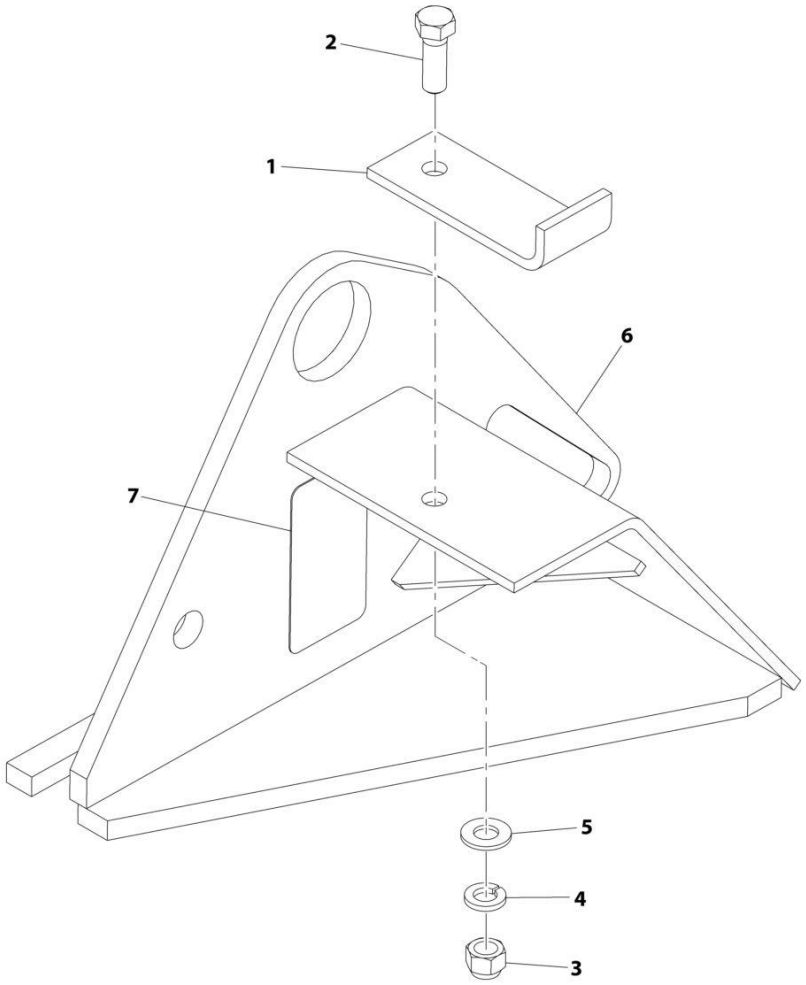


FIGURE 3-41. SHEET MATERIAL HANDLER

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 3-42. SHEET MATERIAL HANDLER FORK SUPPORT (LH)



ART_1001101116-E

FIGURE 3-42. 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 3-43. SHEET MATERIAL HANDLER FORK SUPPORT (RH)

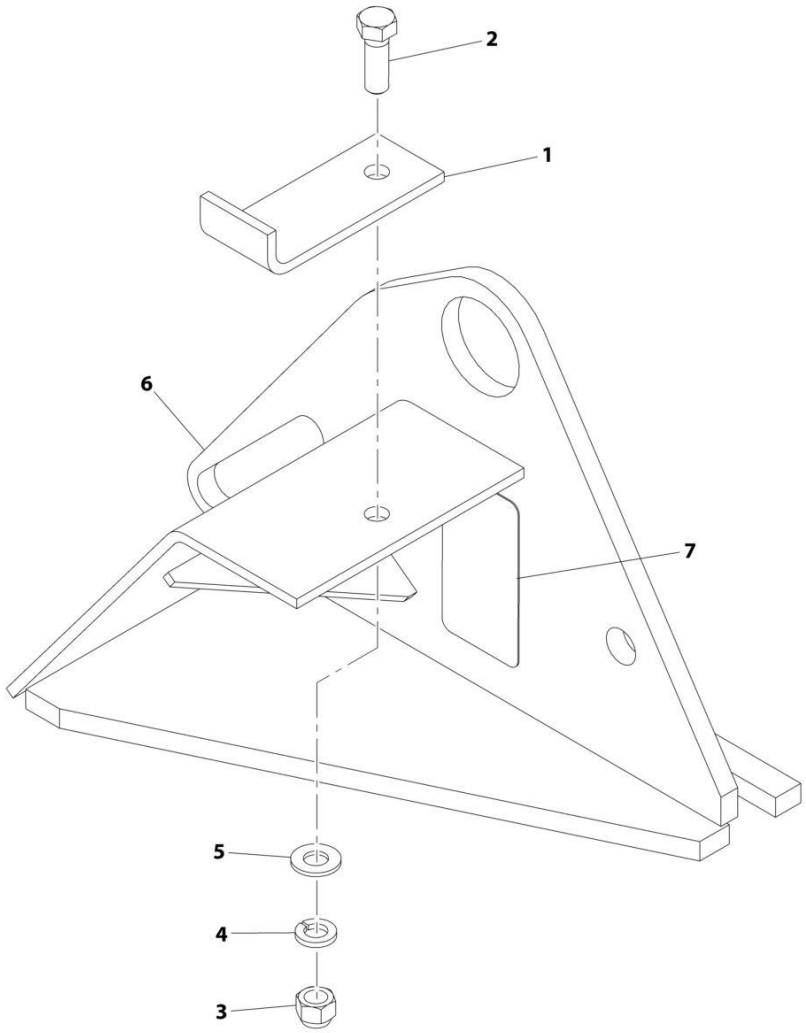


FIGURE 3-43. SHEET MATERIAL HANDLER FORK SUPPORT (RH)

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 3-44. SWEEPER ASSEMBLY

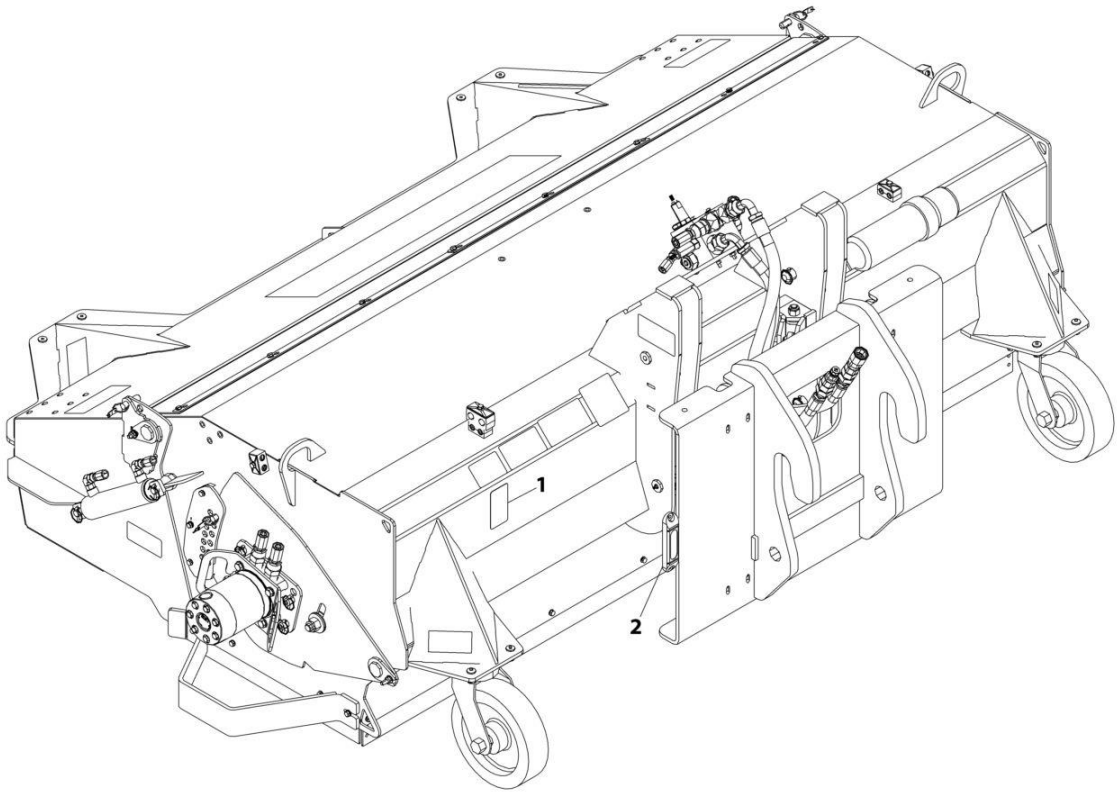


FIGURE 3-44. SWEEPER ASSEMBLY

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 3-45. SWEEPER ASSEMBLY - HOPPER

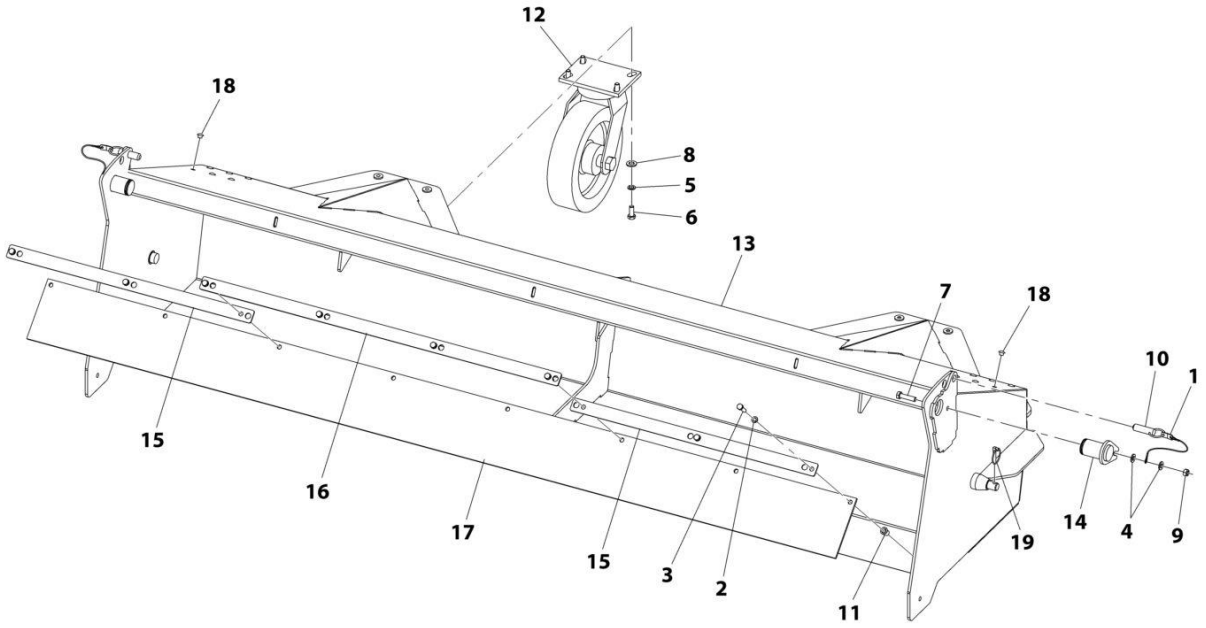


FIGURE 3-45. SWEEPER ASSEMBLY - HOPPER

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 3-46. SWEEPER ASSEMBLY - BODY

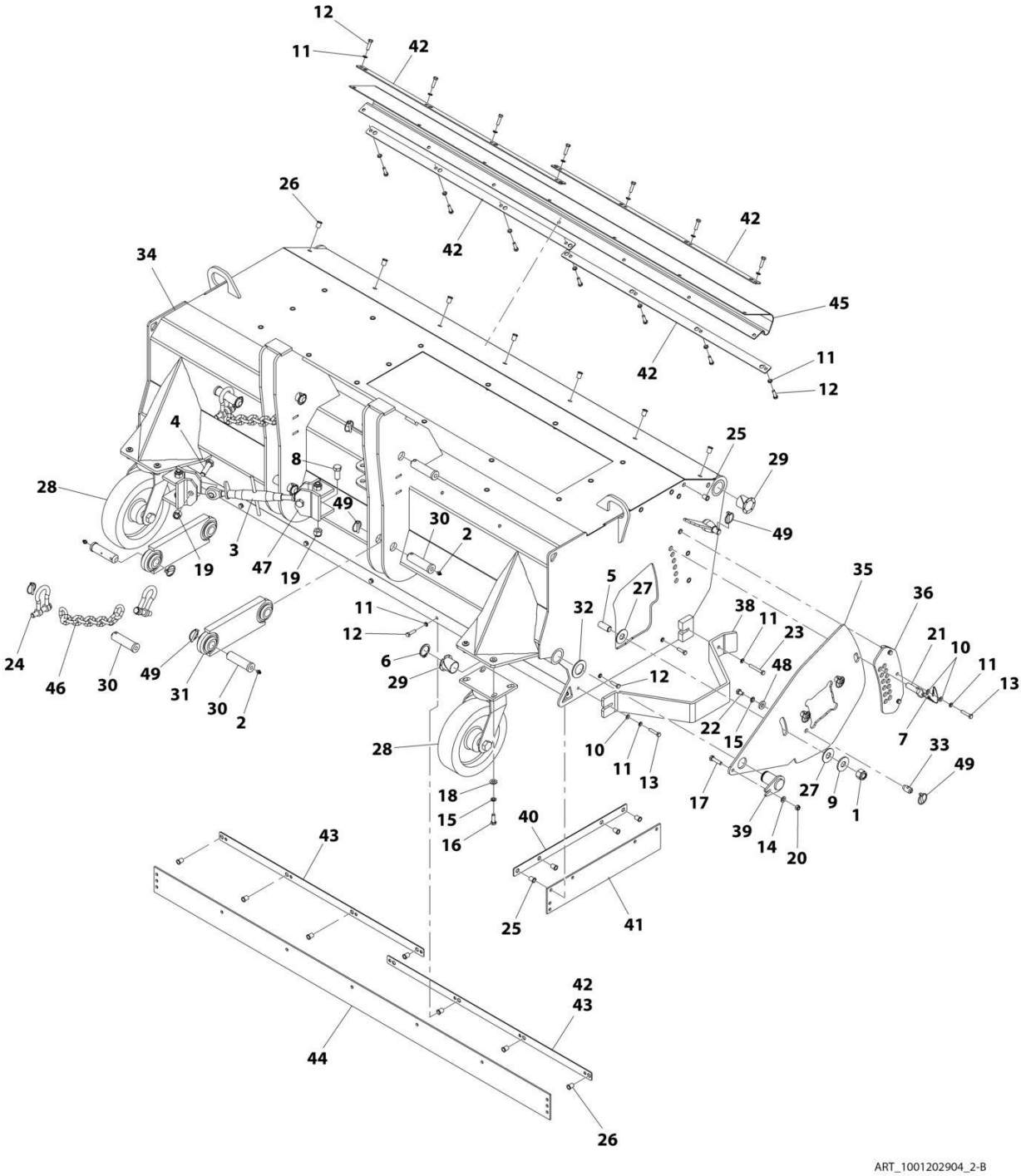


FIGURE 3-46. SWEEPER ASSEMBLY - BODY

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 3-47. SWEEPER ASSEMBLY - MOTOR

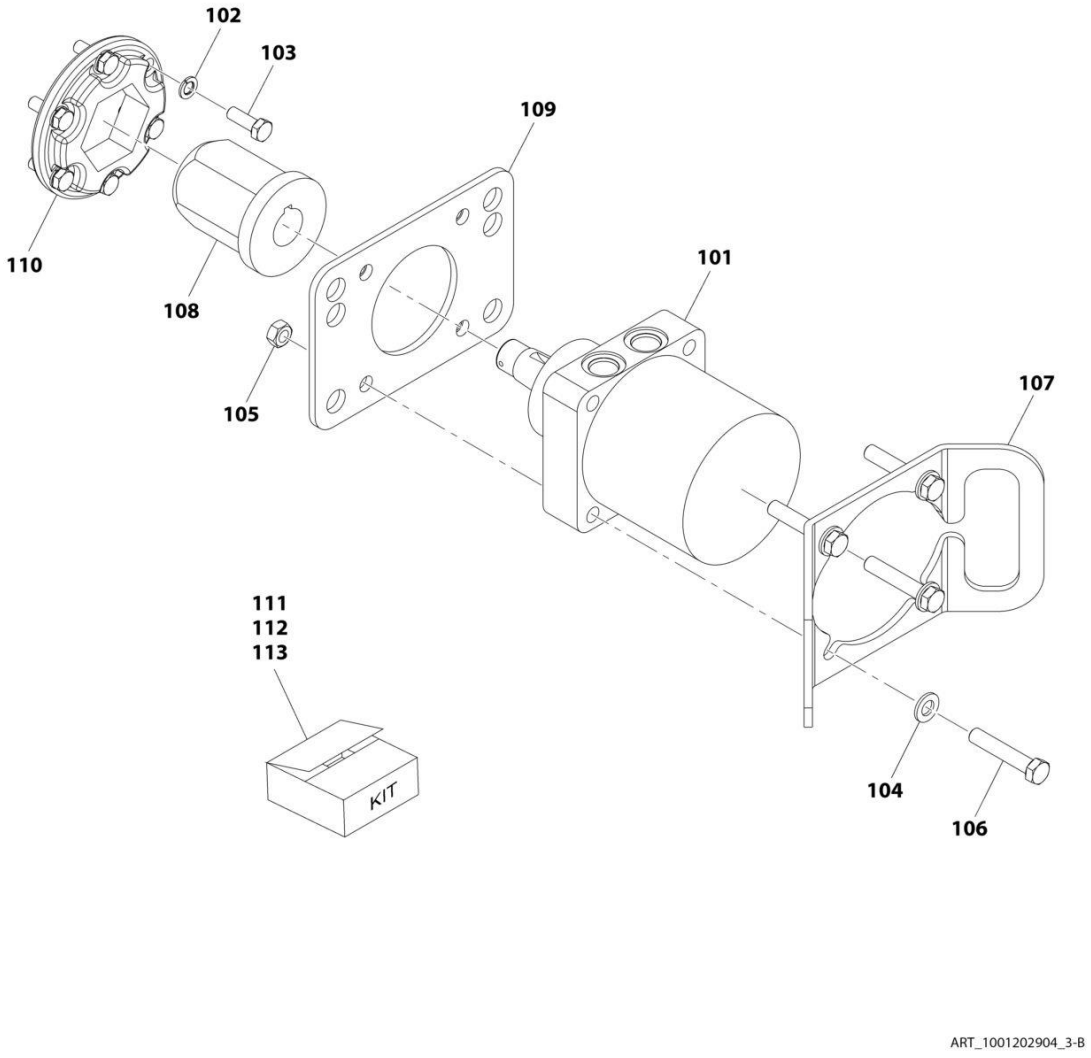


FIGURE 3-47. SWEEPER ASSEMBLY - MOTOR

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 3-48. SWEEPER ASSEMBLY - IDLER

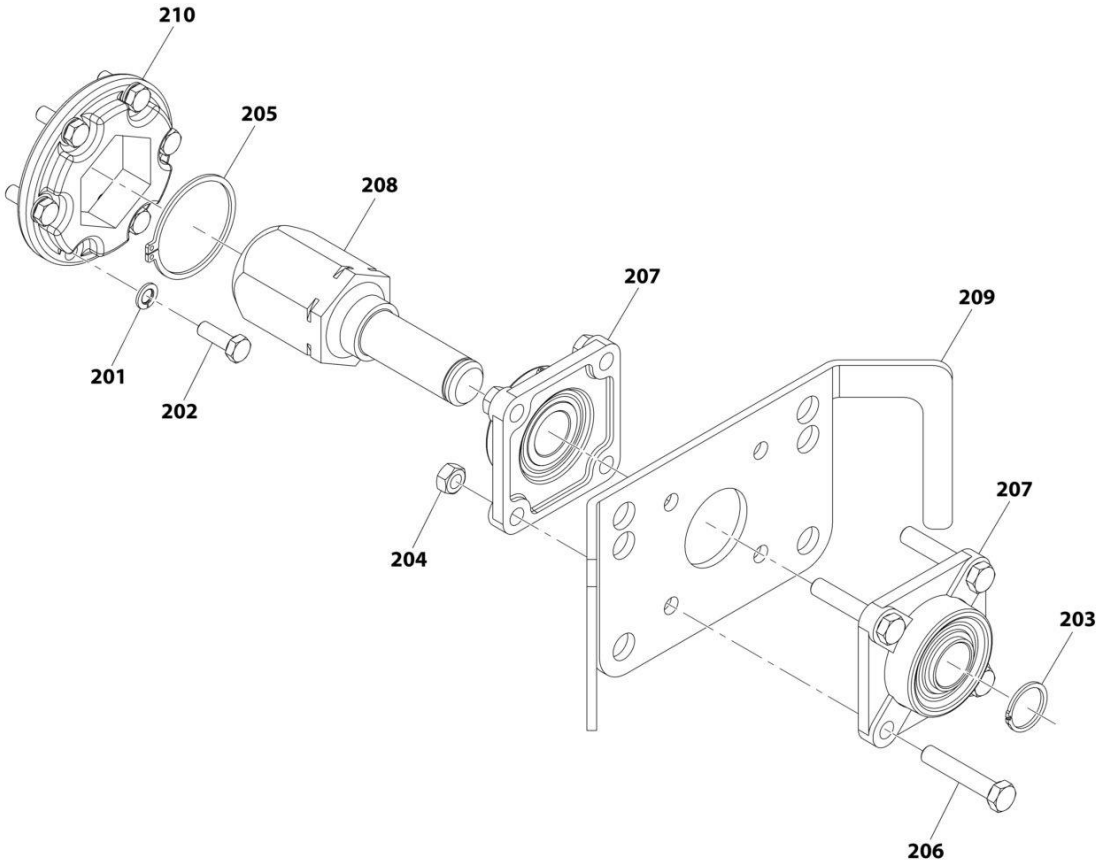


FIGURE 3-48. SWEEPER ASSEMBLY - IDLER

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 - CORE

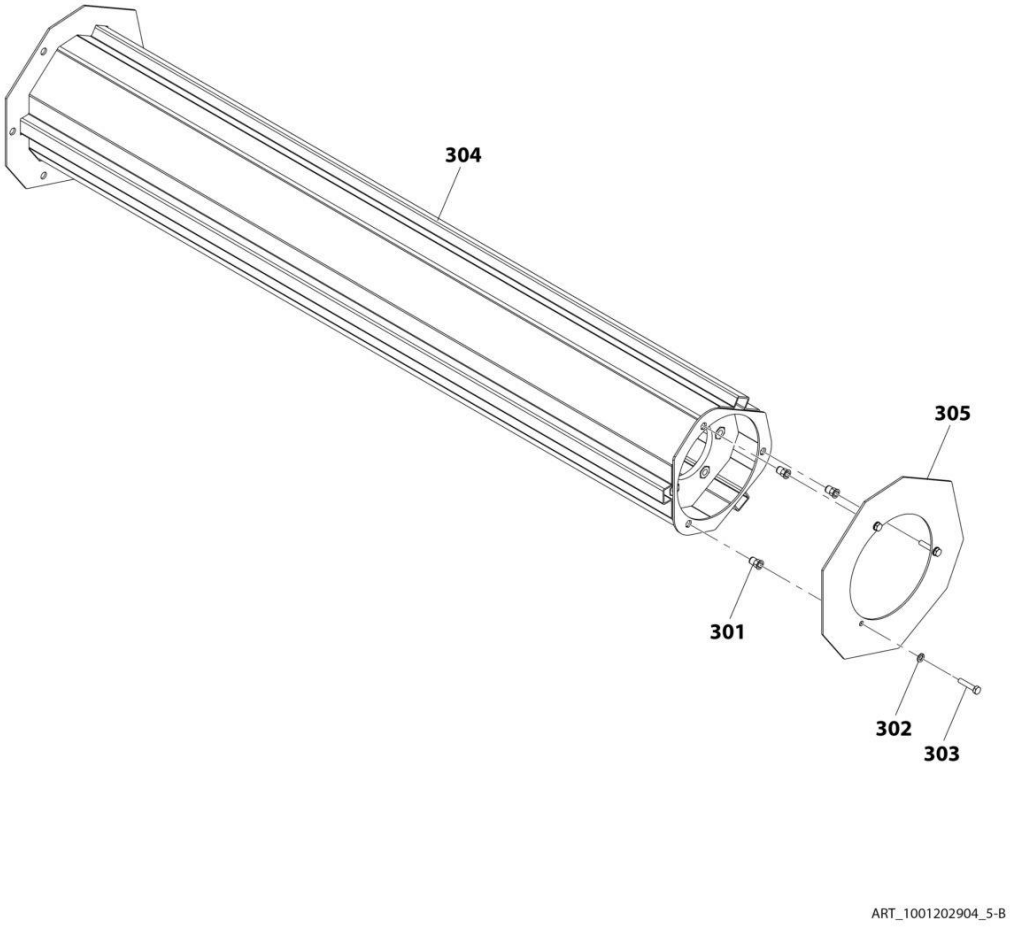


FIGURE 3-49. SWEEPER ASSEMBLY - CORE

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 3-50. SWEEPER ASSEMBLY - HYDRAULIC SINGLE MOTOR ASSEMBLY

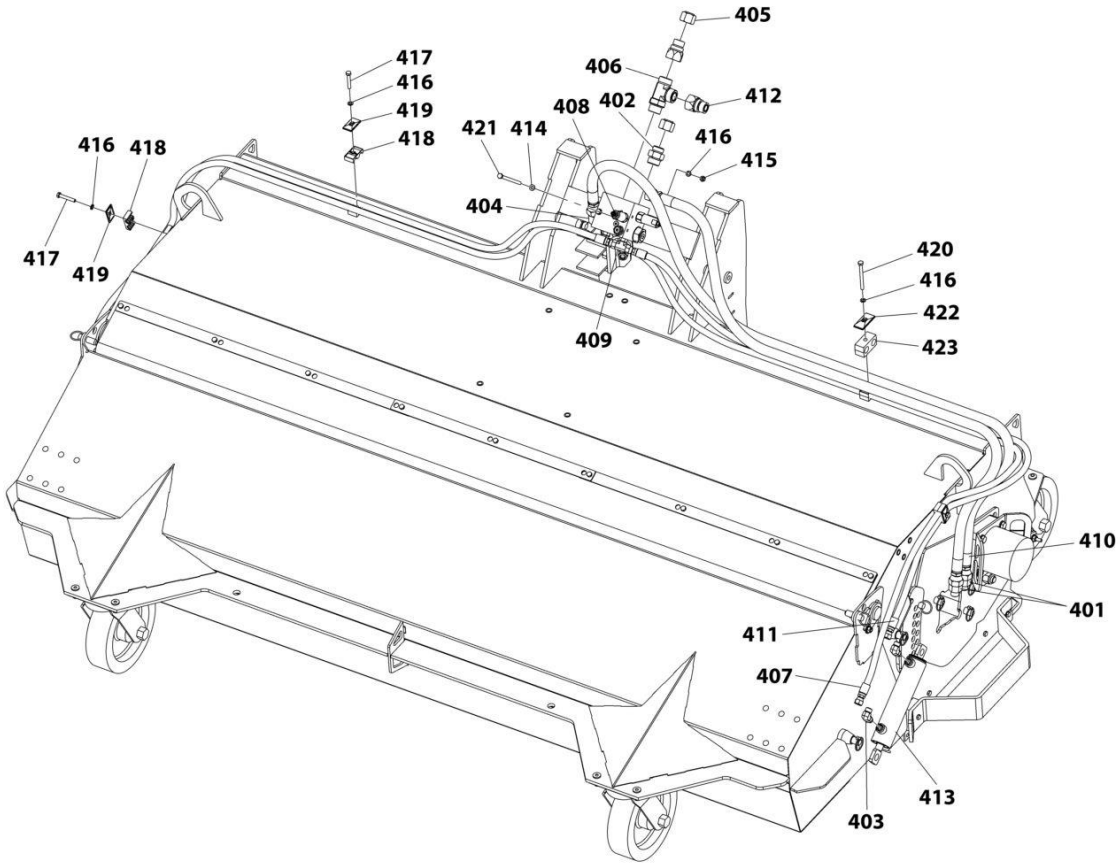


FIGURE 3-50. SWEEPER ASSEMBLY - HYDRAULIC SINGLE MOTOR ASSEMBLY

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

FIGURE 3-51. TRASHER HOPPER

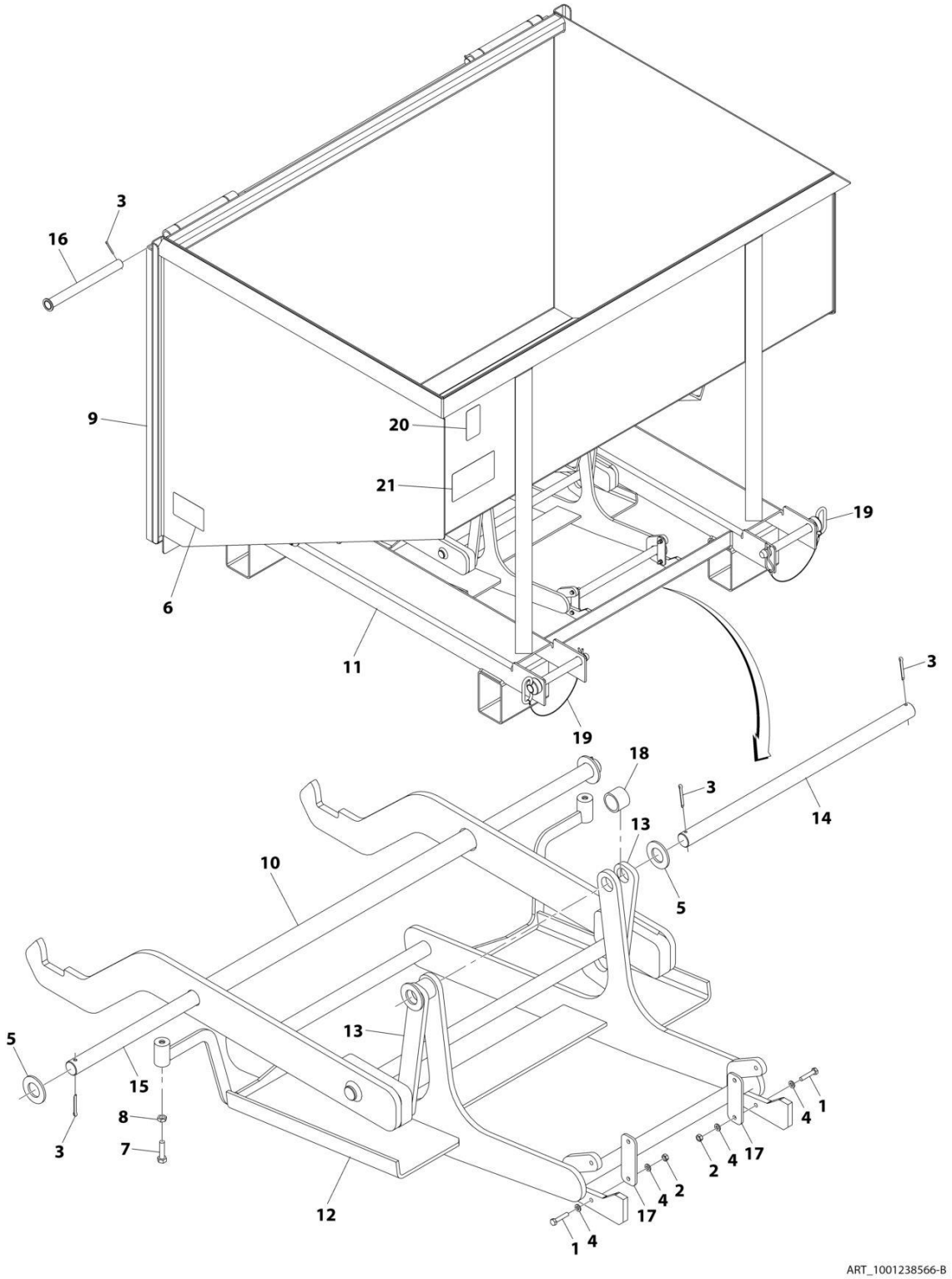


FIGURE 3-51. TRASHER HOPPER

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)

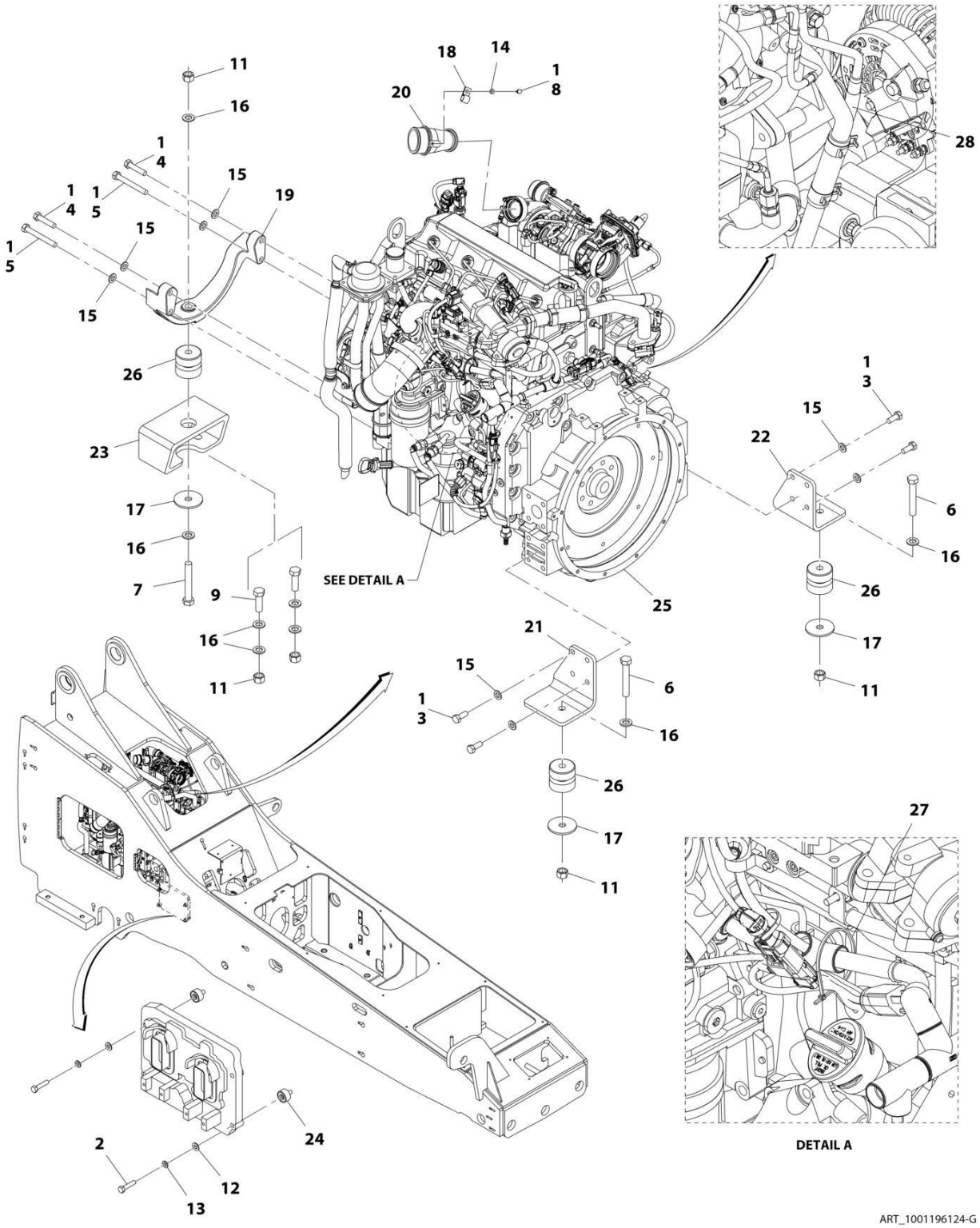
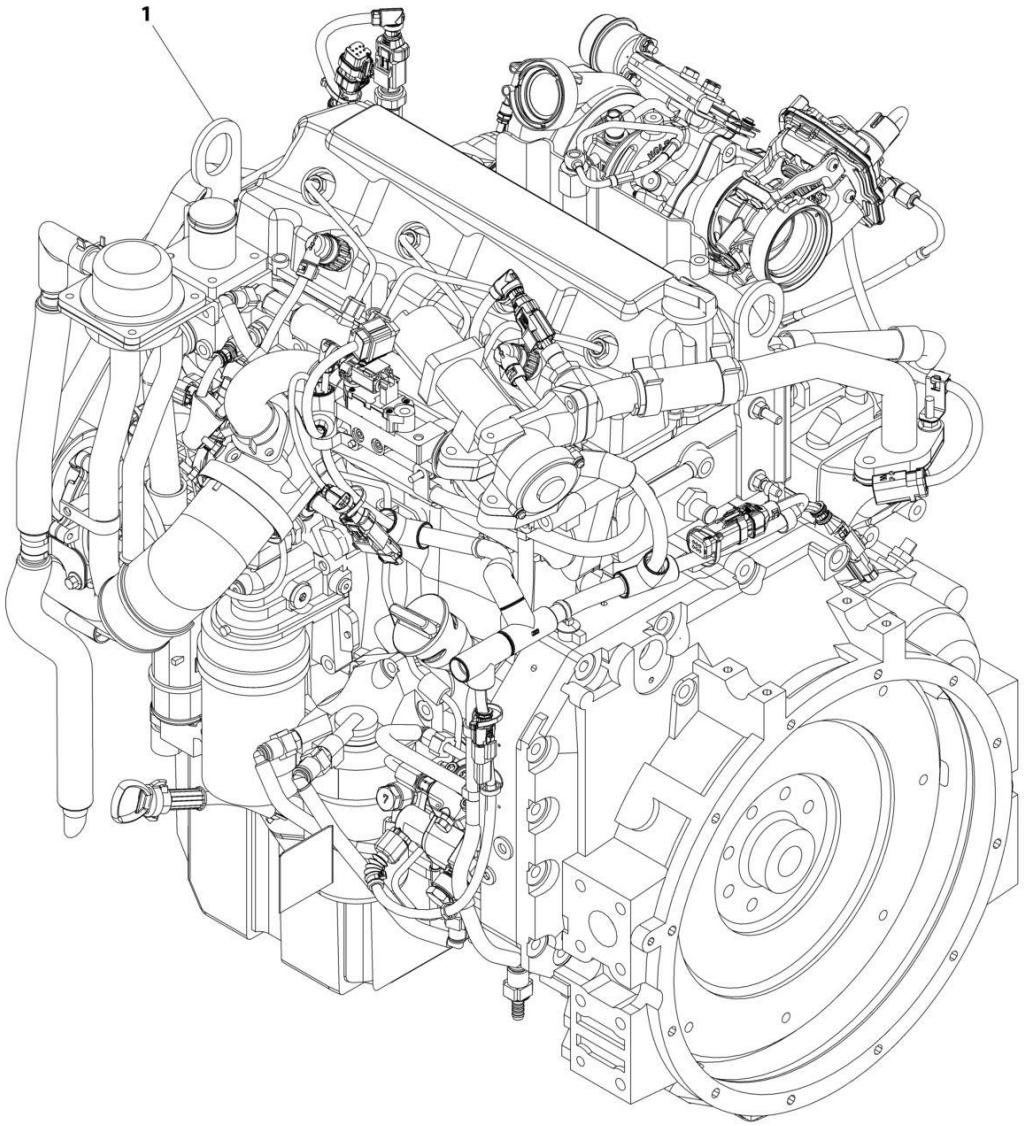


FIGURE 4-1. ENGINE INSTALLATION - 74HP (ULS)

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)



ART_1001196665

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

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

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

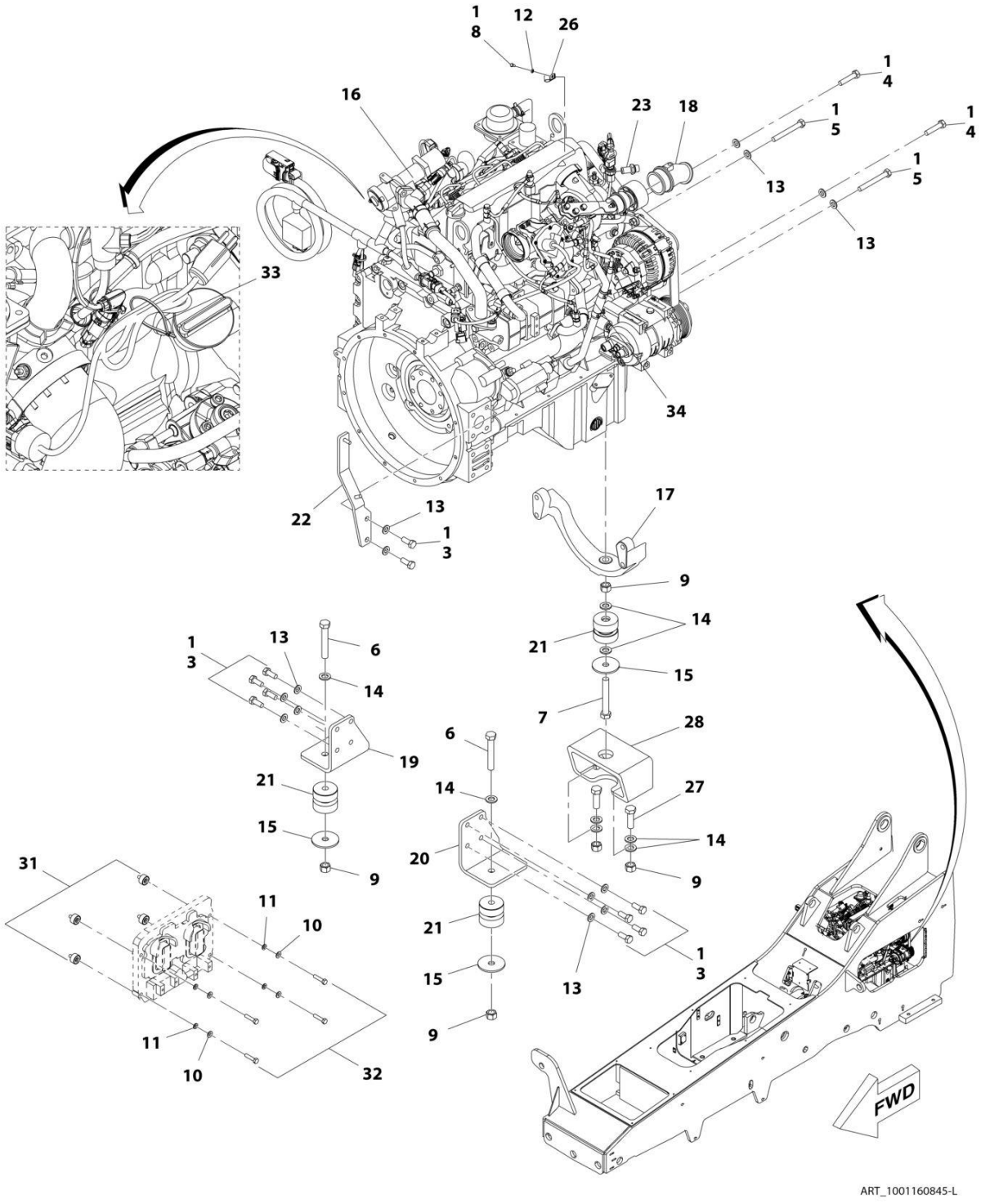


FIGURE 4-3. ENGINE INSTALLATION - 110HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	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 4-4. ENGINE COMPONENTS - 110HP (ULS)

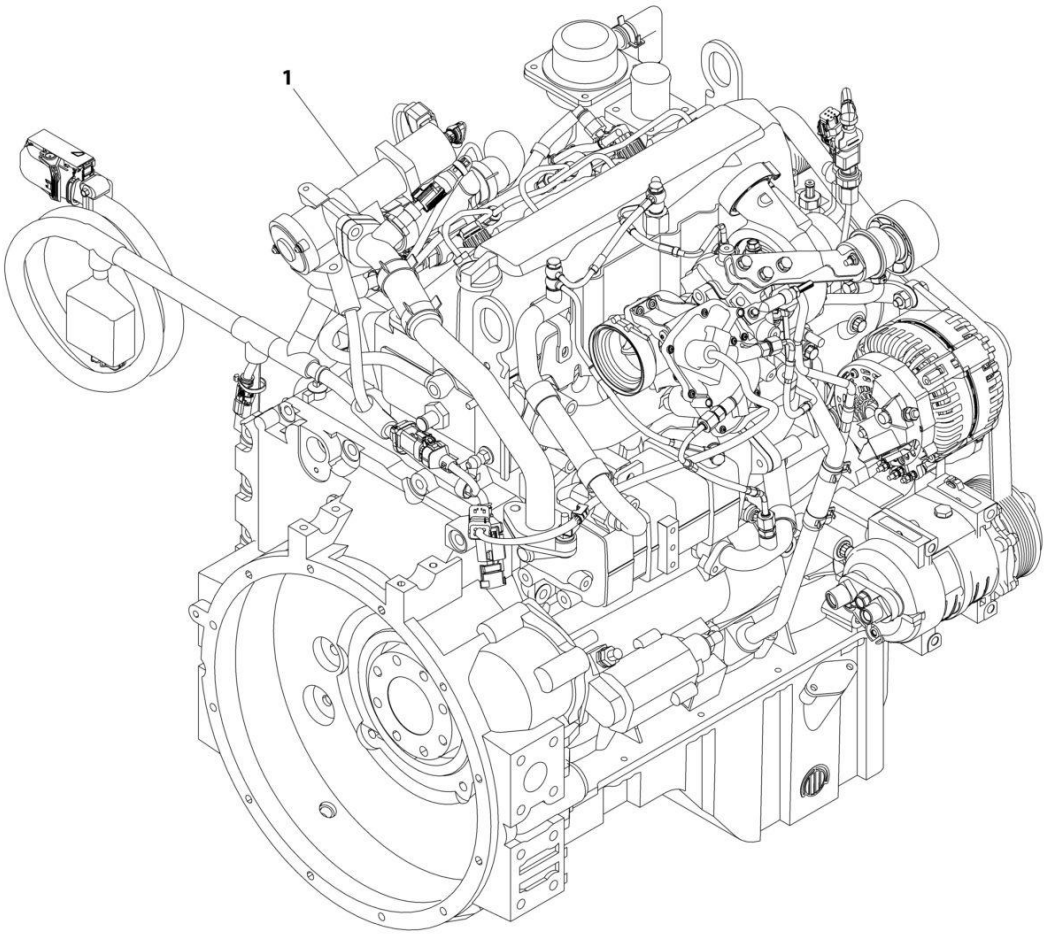


FIGURE 4-4. ENGINE COMPONENTS - 110HP (ULS)

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

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

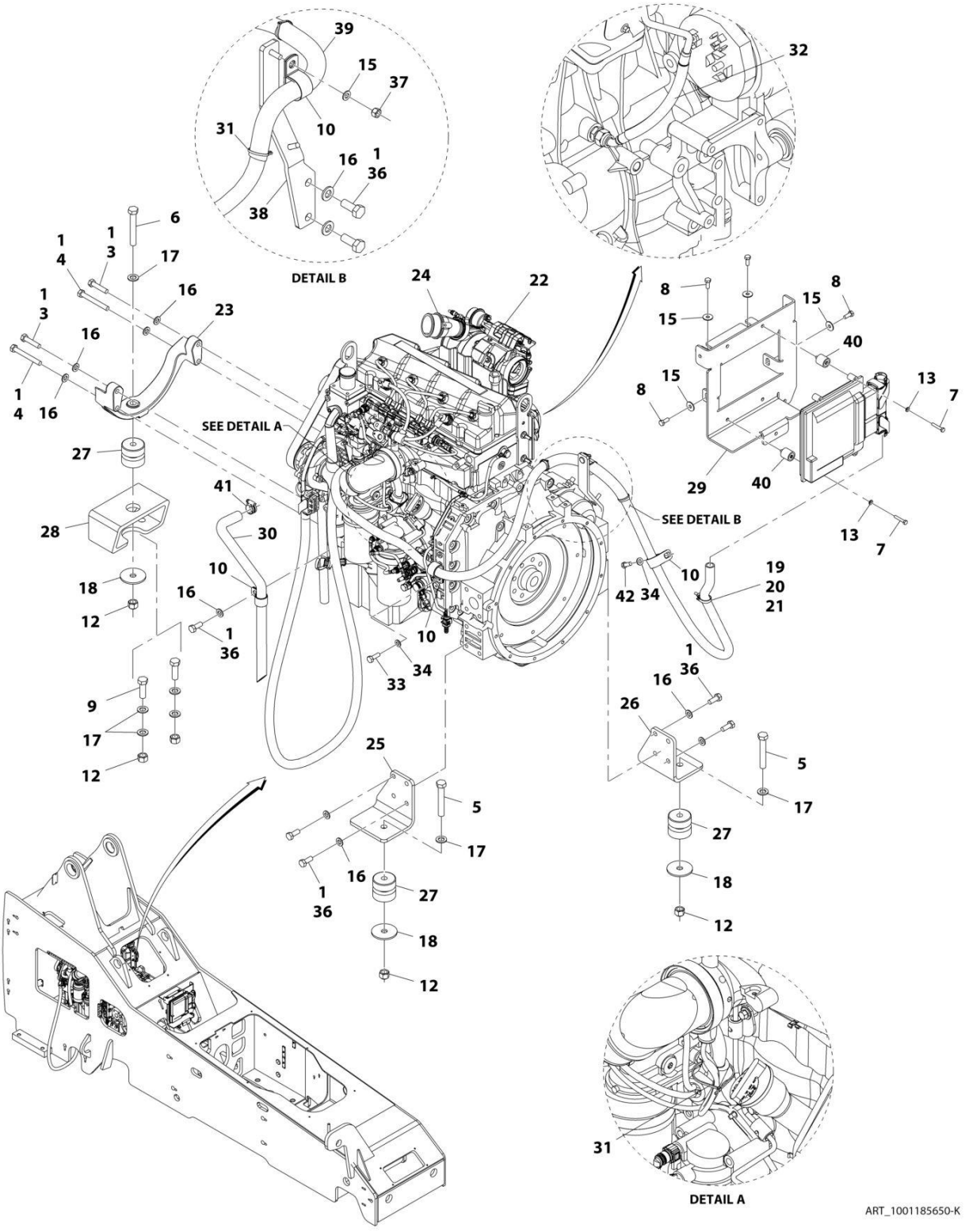


FIGURE 4-5. ENGINE INSTALLATION - 110HP (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	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 4-6. ENGINE COMPONENTS - 110HP (LS)

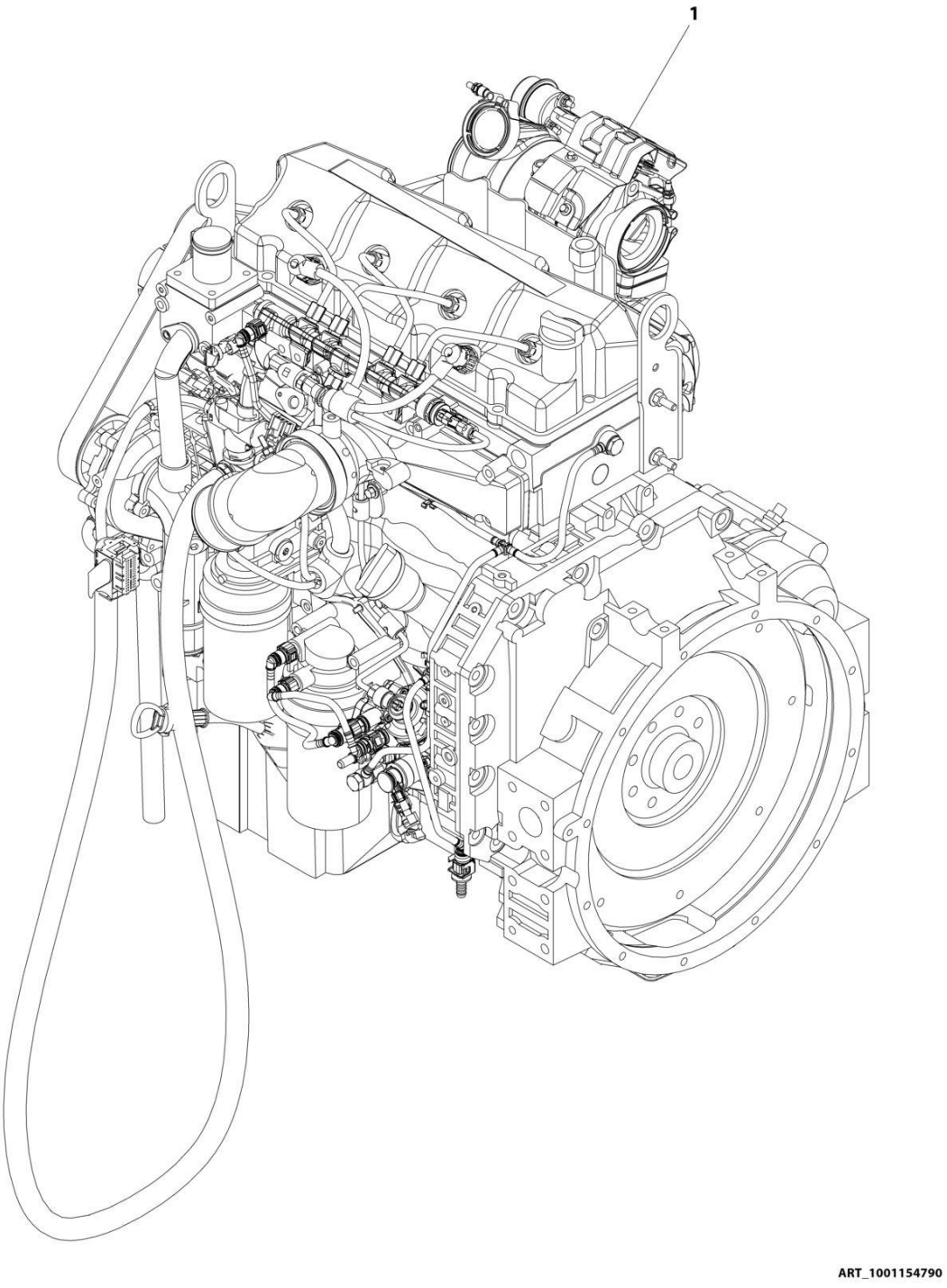


FIGURE 4-6. ENGINE COMPONENTS - 110HP (LS)

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

FIGURE 4-7. AIR CLEANER INSTALLATION - 74HP & 110HP (ULS)

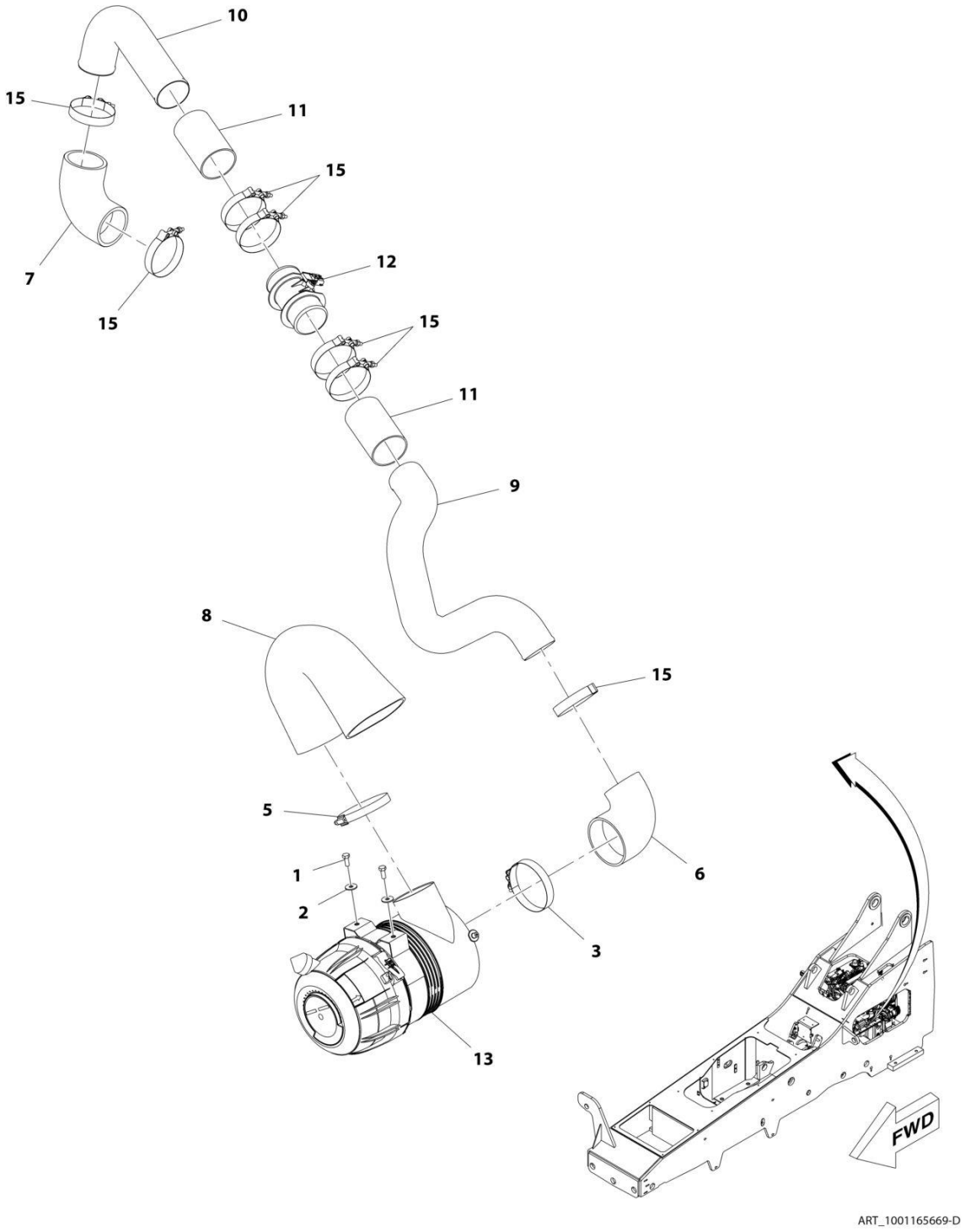


FIGURE 4-7. AIR CLEANER INSTALLATION - 74HP & 110HP (ULS)

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 4-8. AIR CLEANER ASSEMBLY - 74HP & 110HP (ULS)

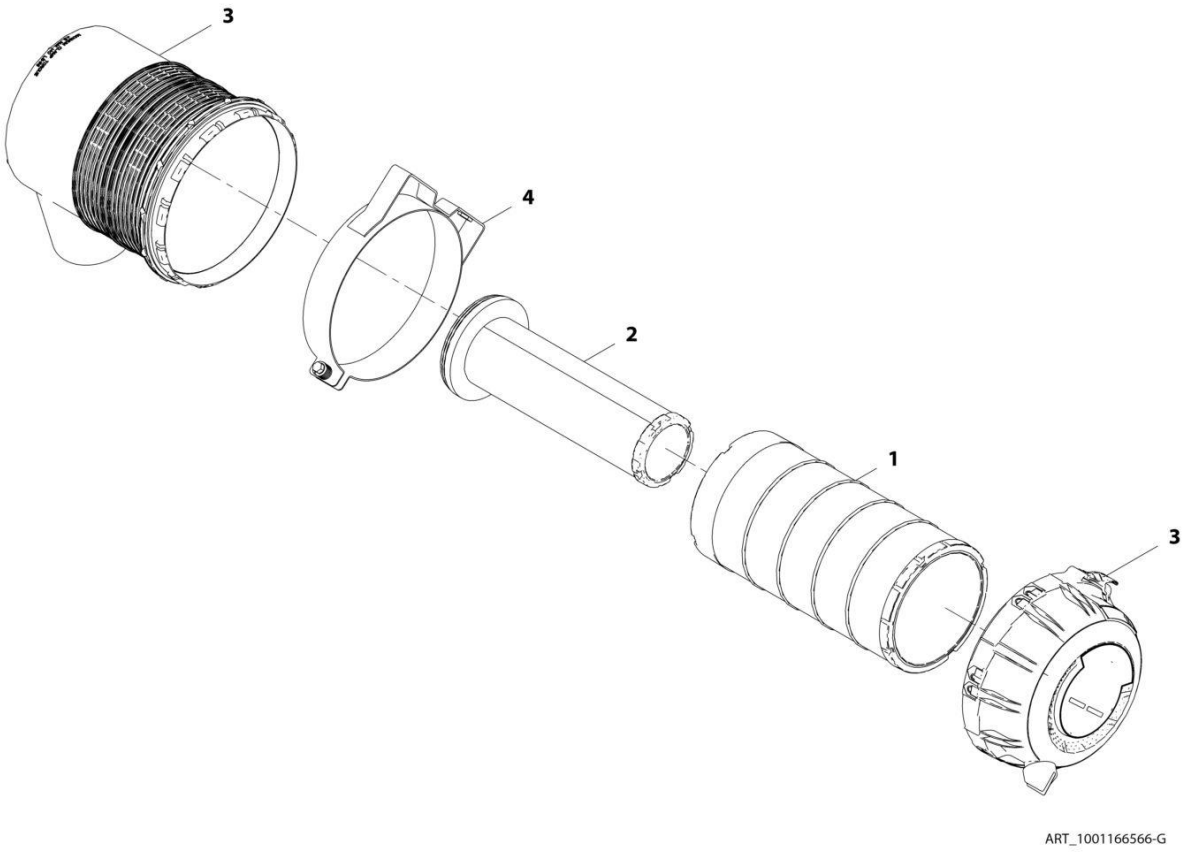


FIGURE 4-8. AIR CLEANER ASSEMBLY - 74HP & 110HP (ULS)

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 4-9. AIR CLEANER INSTALLATION - 110HP (LS)

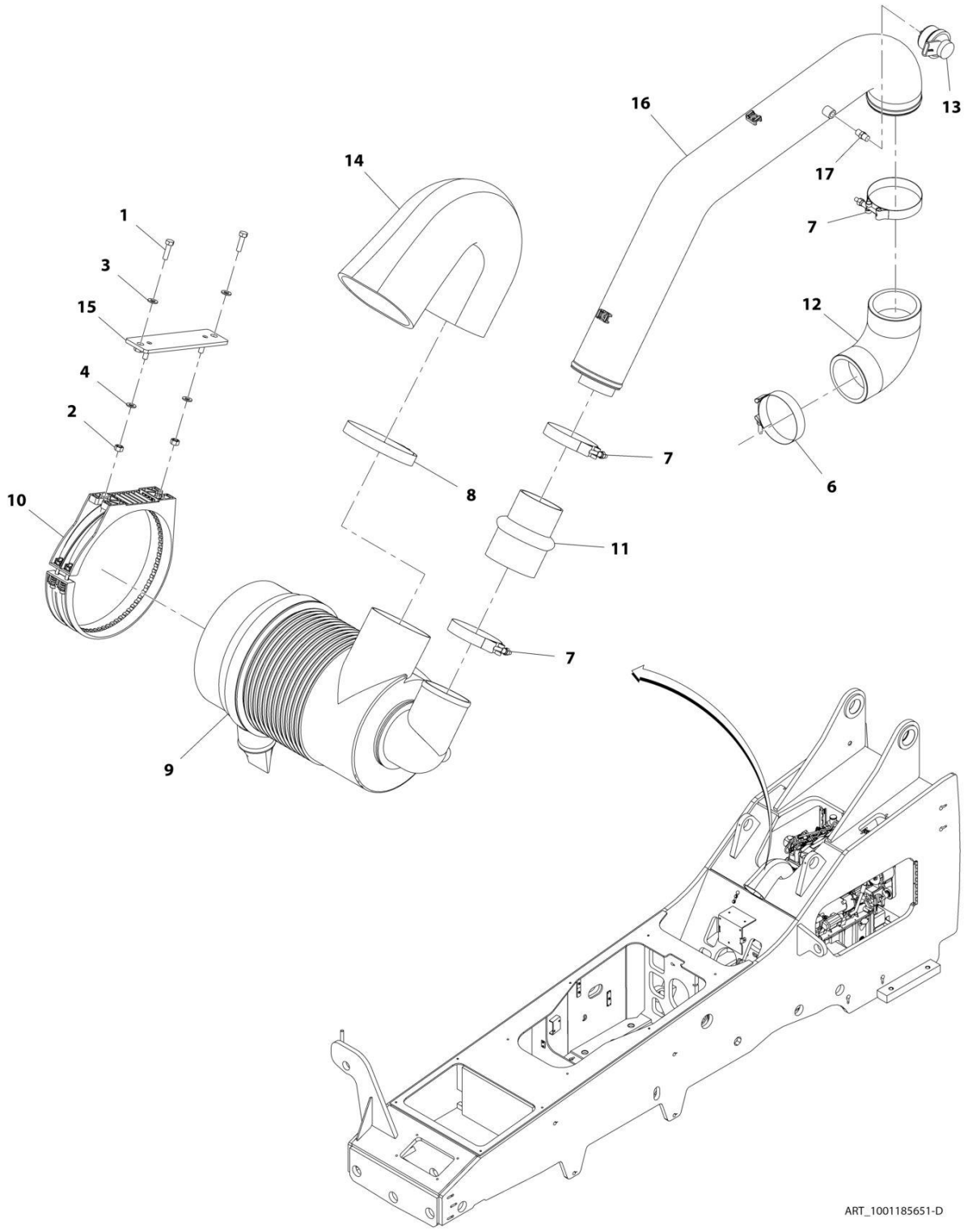


FIGURE 4-9. AIR CLEANER INSTALLATION - 110HP (LS)

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

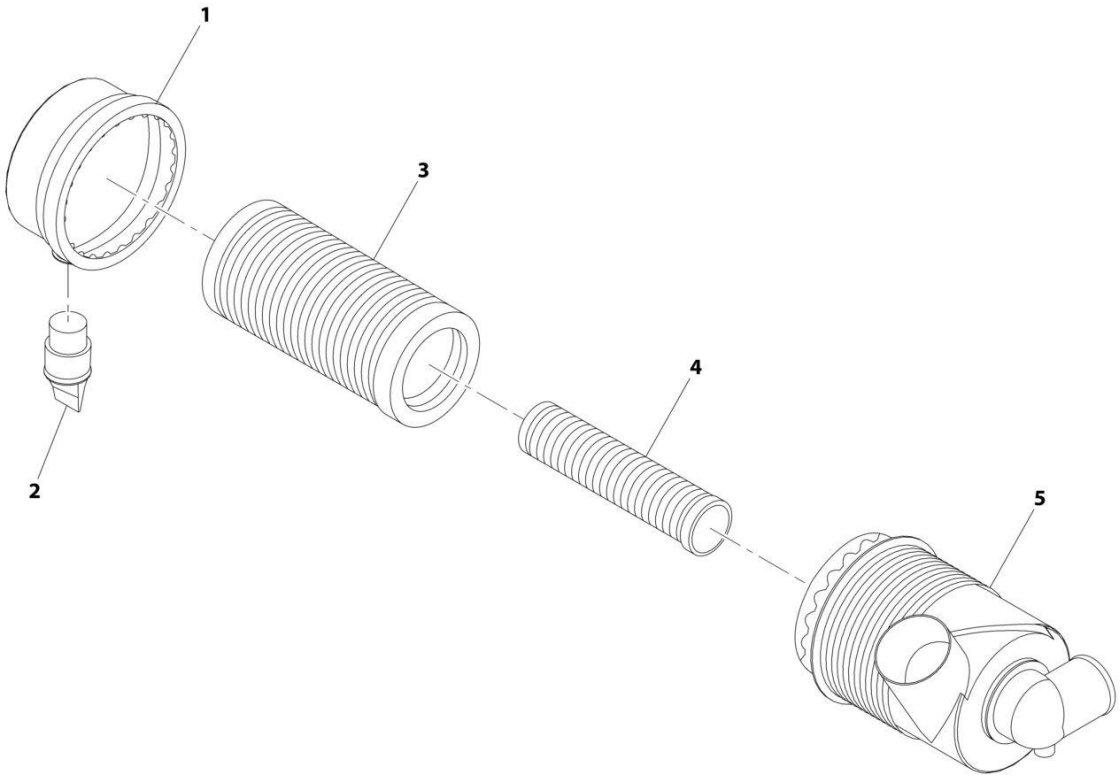


FIGURE 4-10. AIR CLEANER ASSEMBLY - 110HP (LS)

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. EXHAUST INSTALLATION - 74HP (ULS)

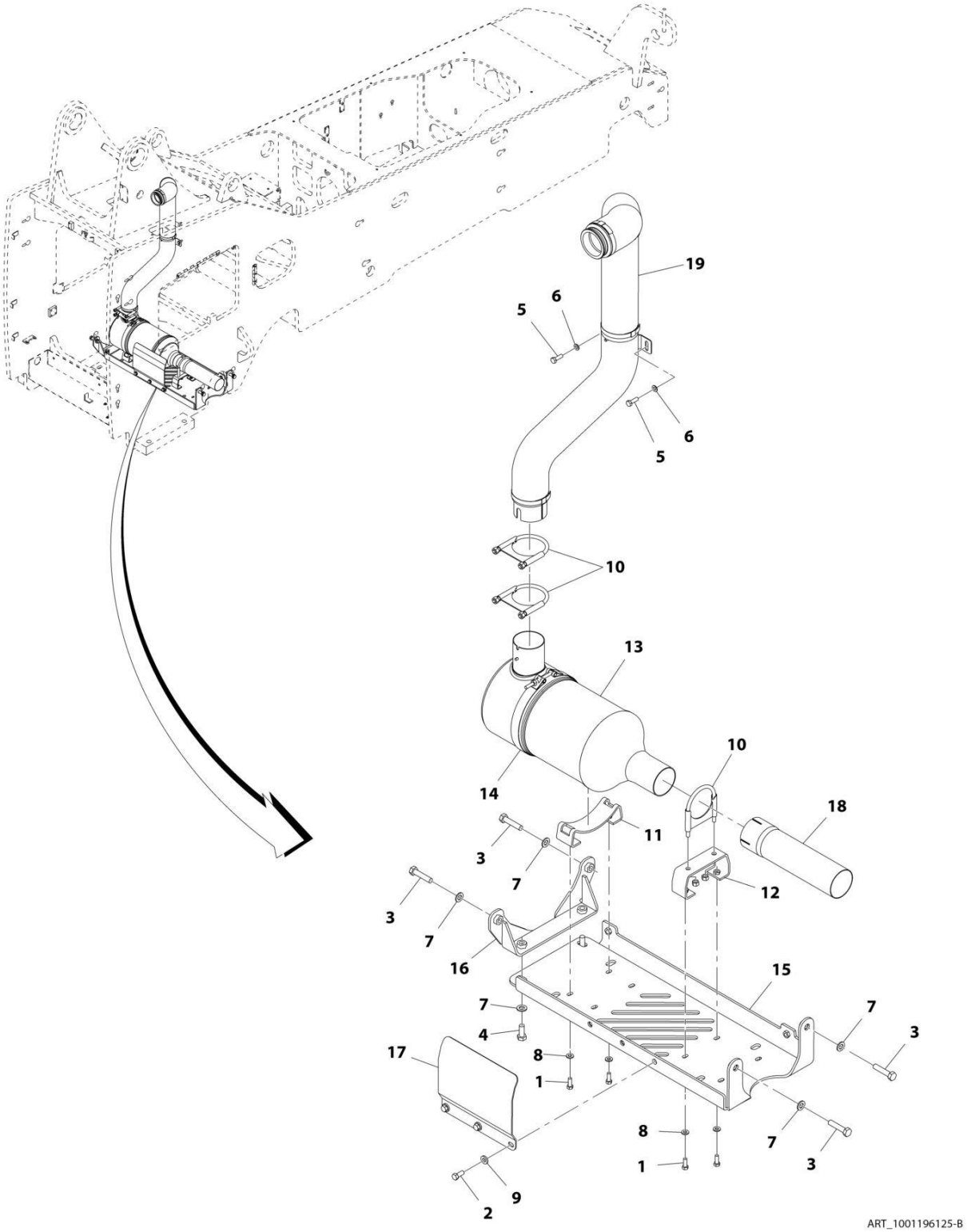


FIGURE 4-11. EXHAUST INSTALLATION - 74HP (ULS)

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 4-12. EXHAUST INSTALLATION - 110HP (ULS)

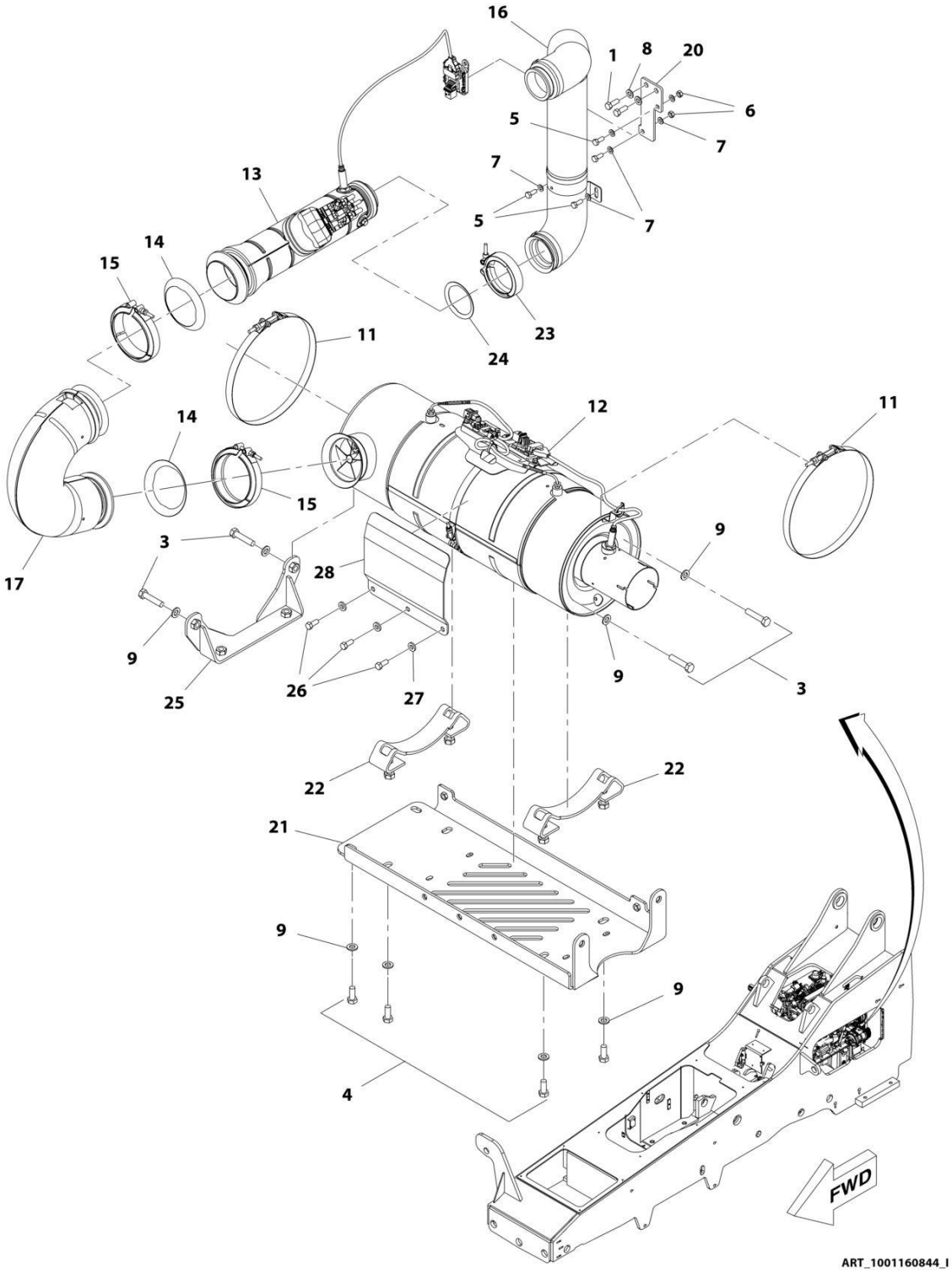


FIGURE 4-12. EXHAUST INSTALLATION - 110HP (ULS)

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 4-13. EXHAUST INSTALLATION - 110HP (LS)

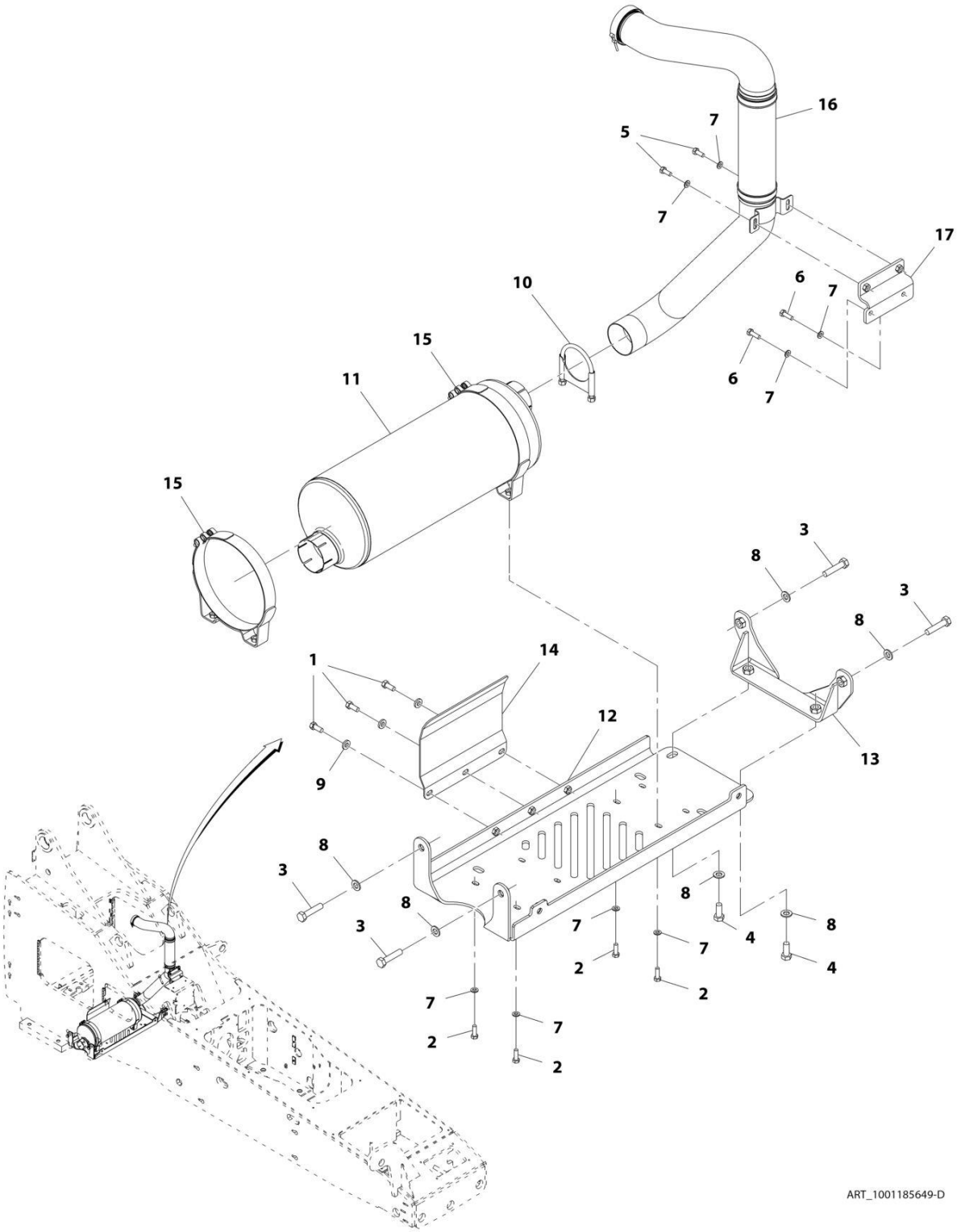


FIGURE 4-13. EXHAUST INSTALLATION - 110HP (LS)

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 4-14. DEF SYSTEM INSTALLATION (ULS)

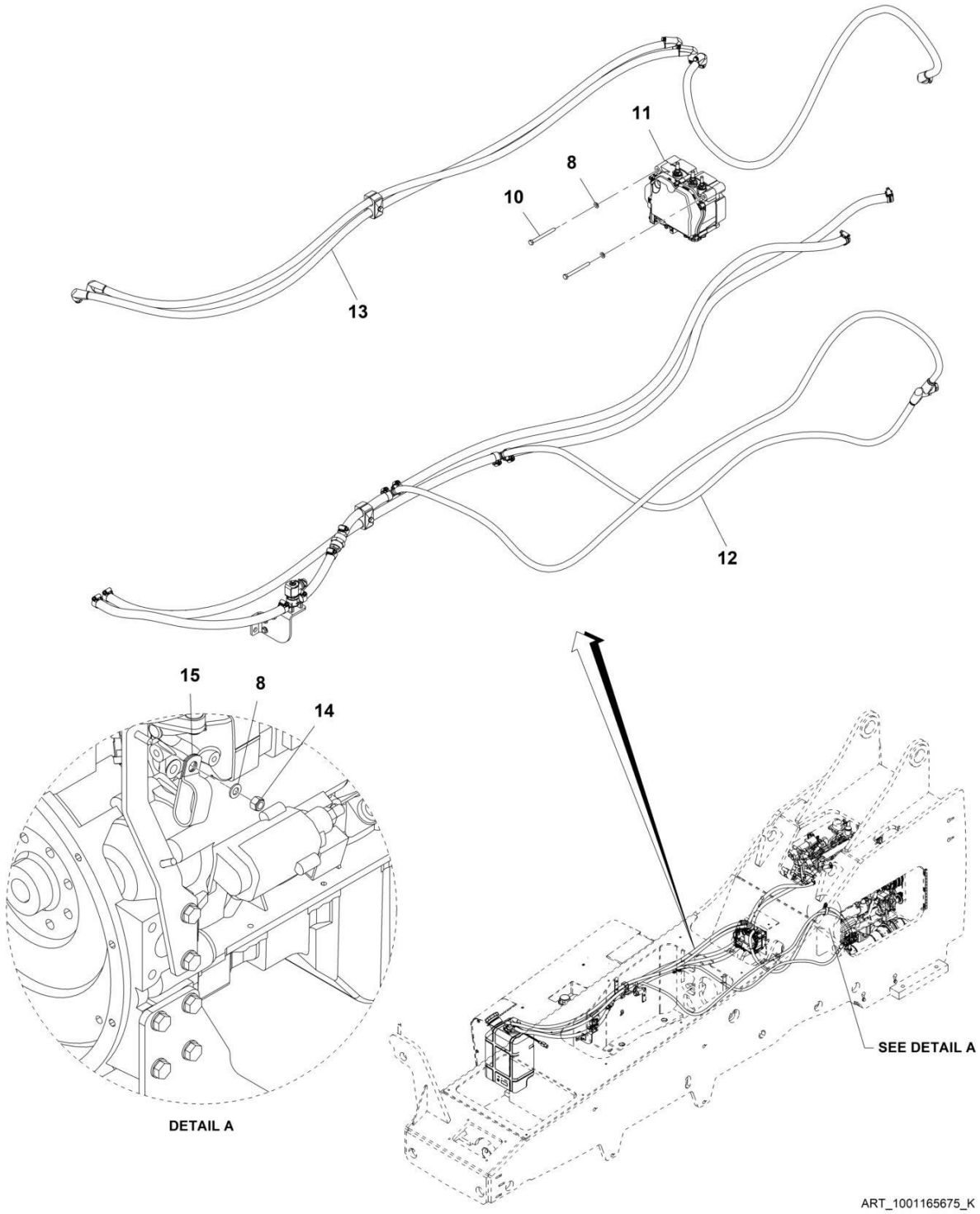


FIGURE 4-14. DEF SYSTEM INSTALLATION (ULS)

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 4-15. DEF PUMP ASSEMBLY

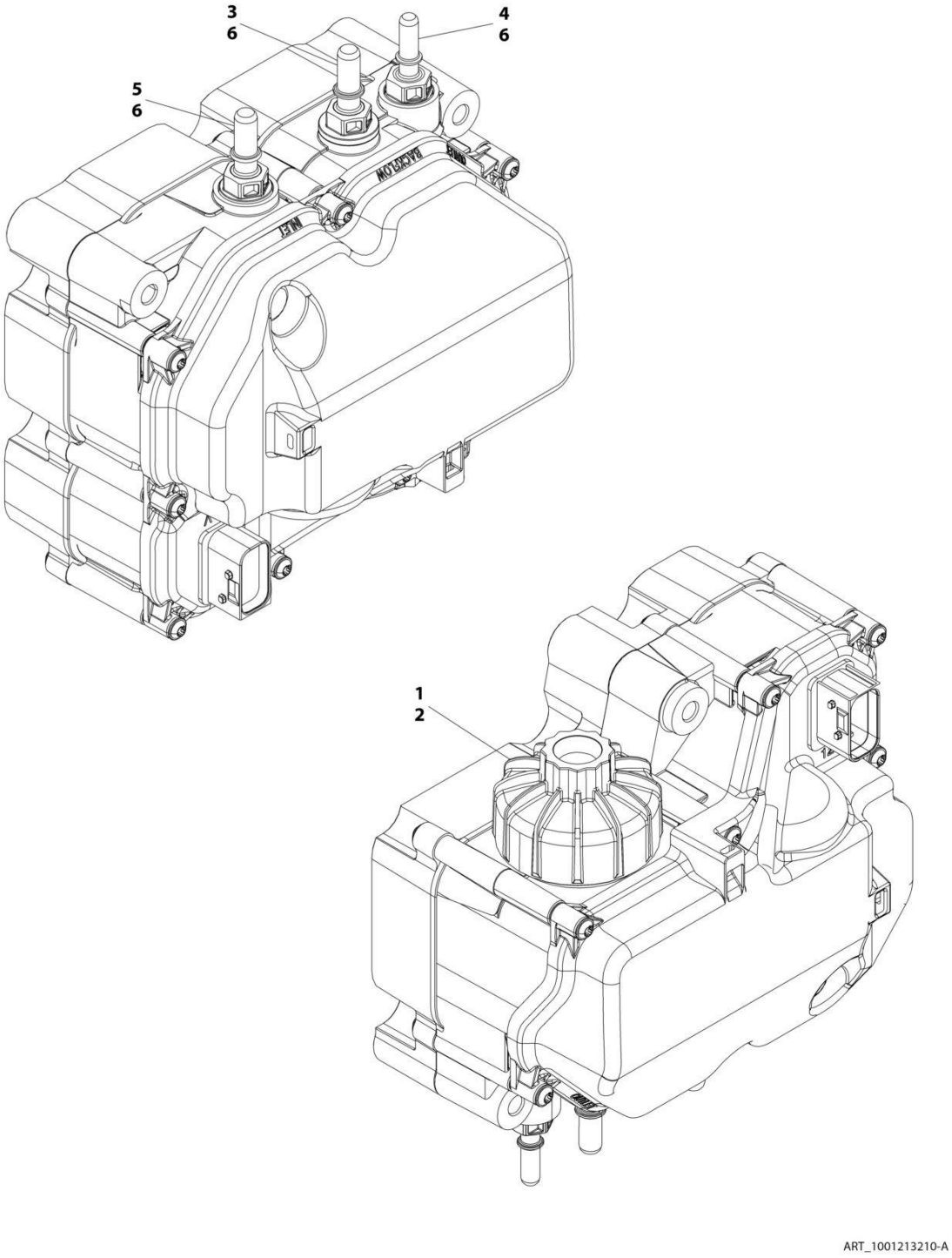


FIGURE 4-15. DEF PUMP ASSEMBLY

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 4-16. DEF COOLANT LINES INSTALLATION

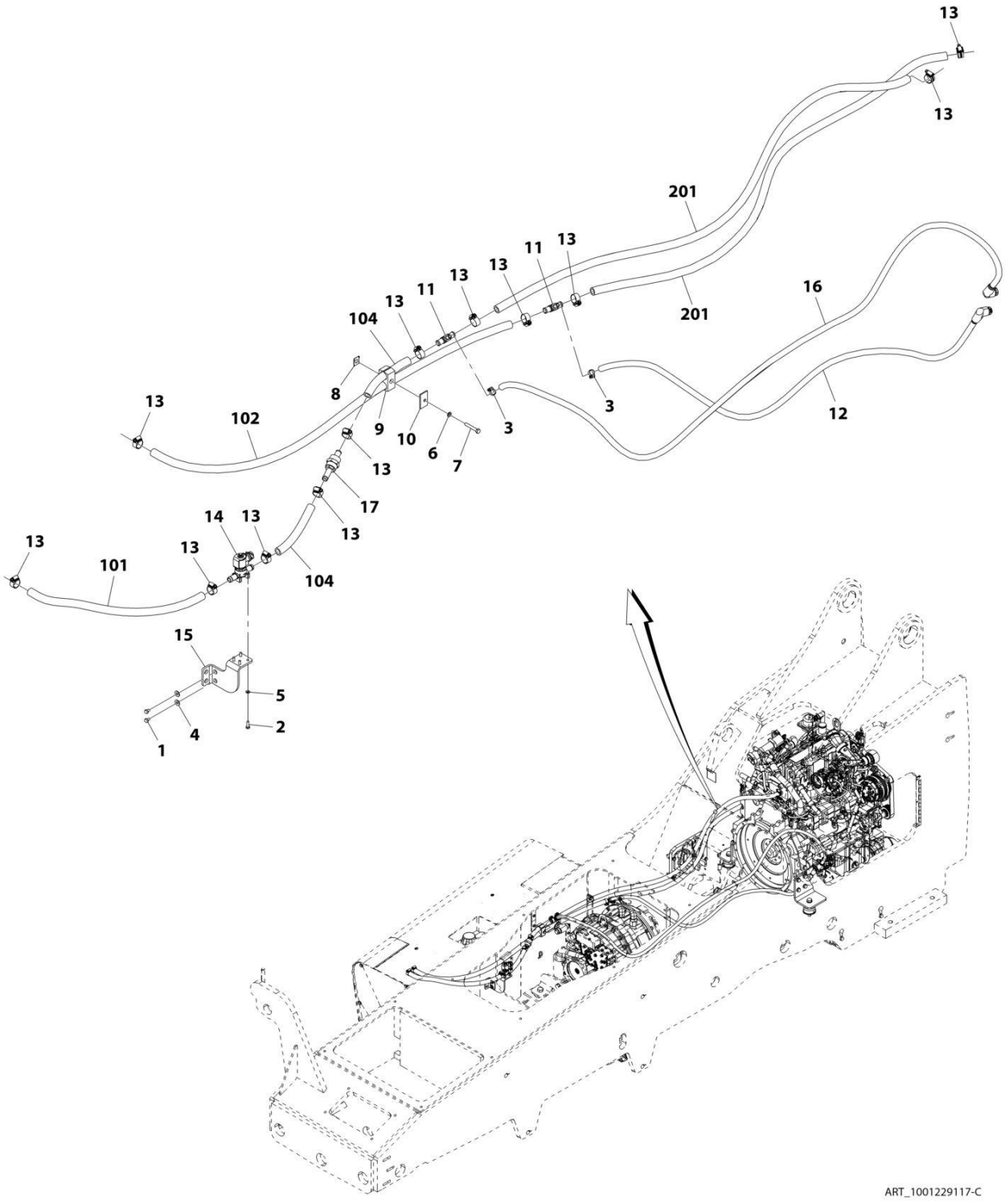


FIGURE 4-16. DEF COOLANT LINES INSTALLATION

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 4-17. DEF LINES INSTALLATION

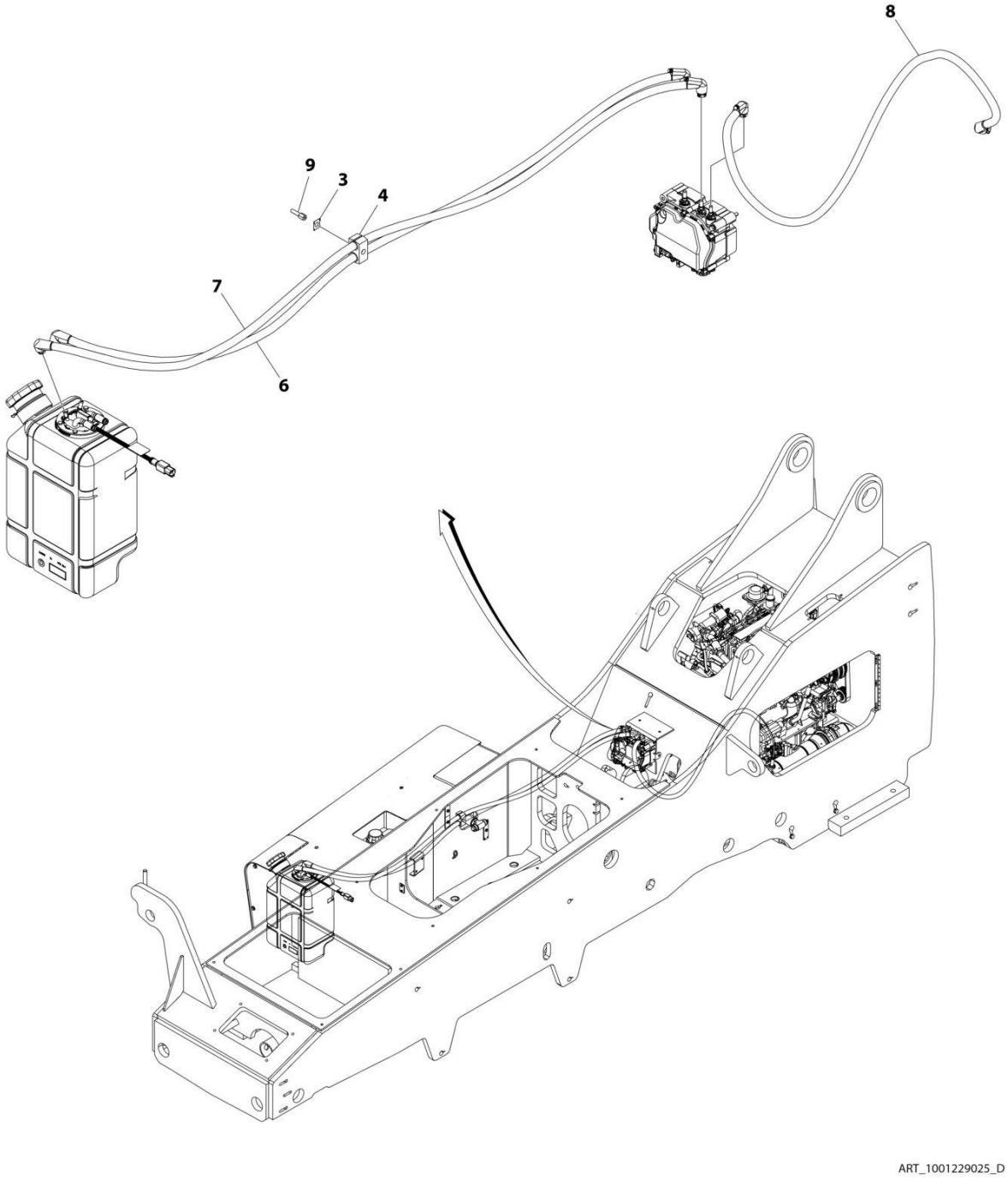


FIGURE 4-17. DEF LINES INSTALLATION

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 4-18. FUEL LINES INSTALLATION - 74HP & 110HP (ULS)

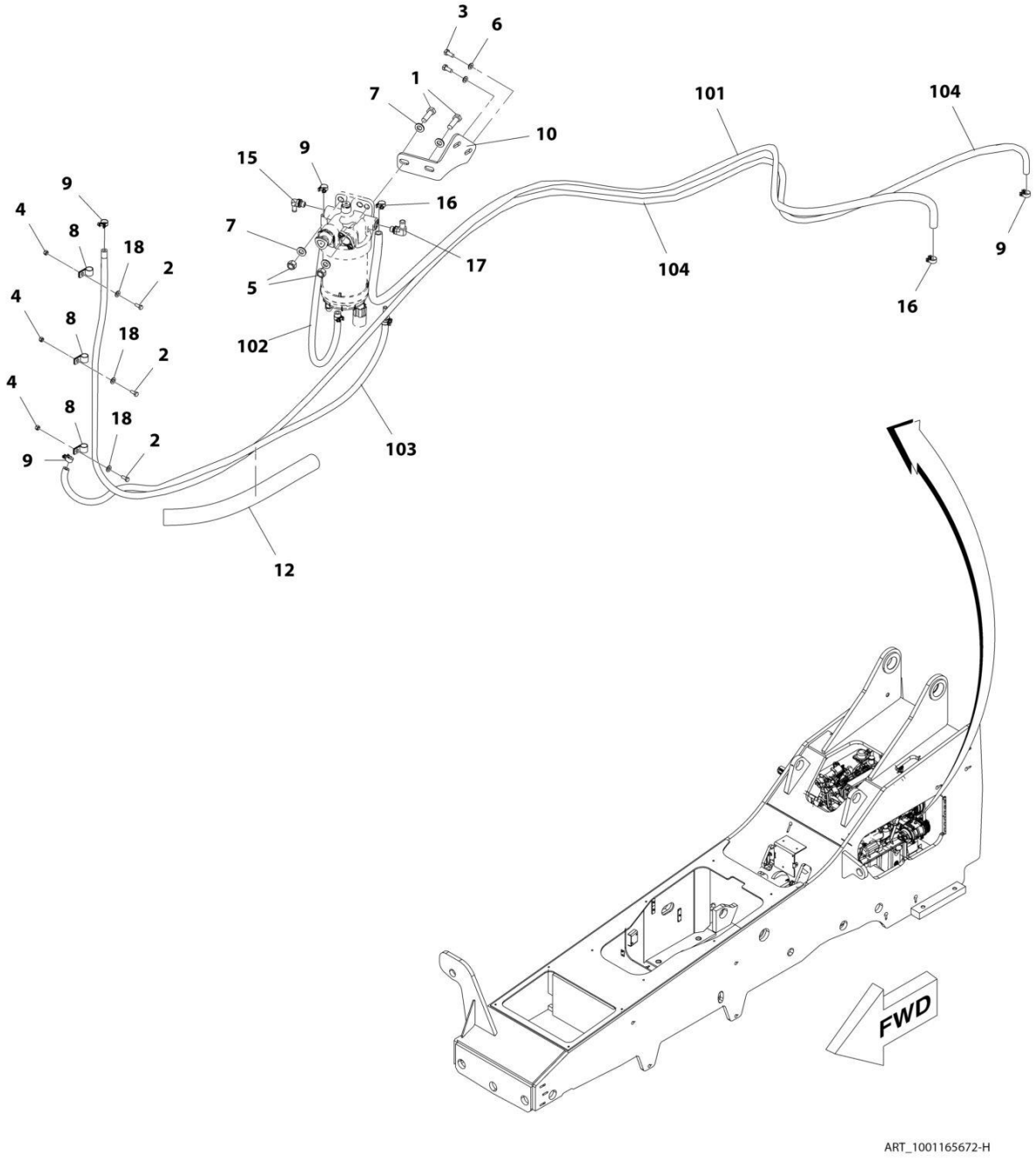


FIGURE 4-18. FUEL LINES INSTALLATION - 74HP & 110HP (ULS)

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 4-19. FUEL LINES INSTALLATION - 110HP (LS)

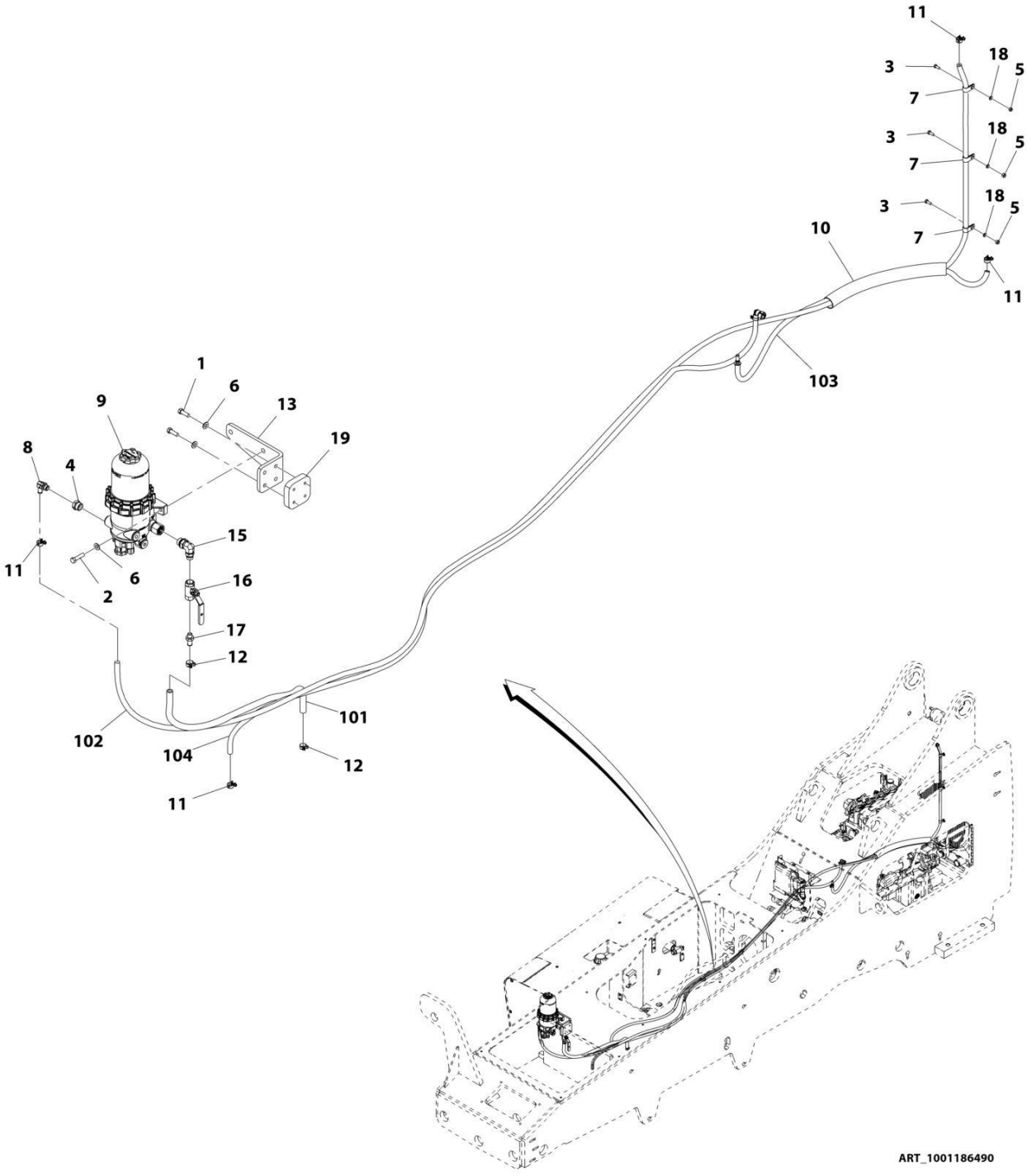


FIGURE 4-19. FUEL LINES INSTALLATION - 110HP (LS)

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 4-20. COOLING LINES INSTALLATION - 74HP & 110HP (ULS)

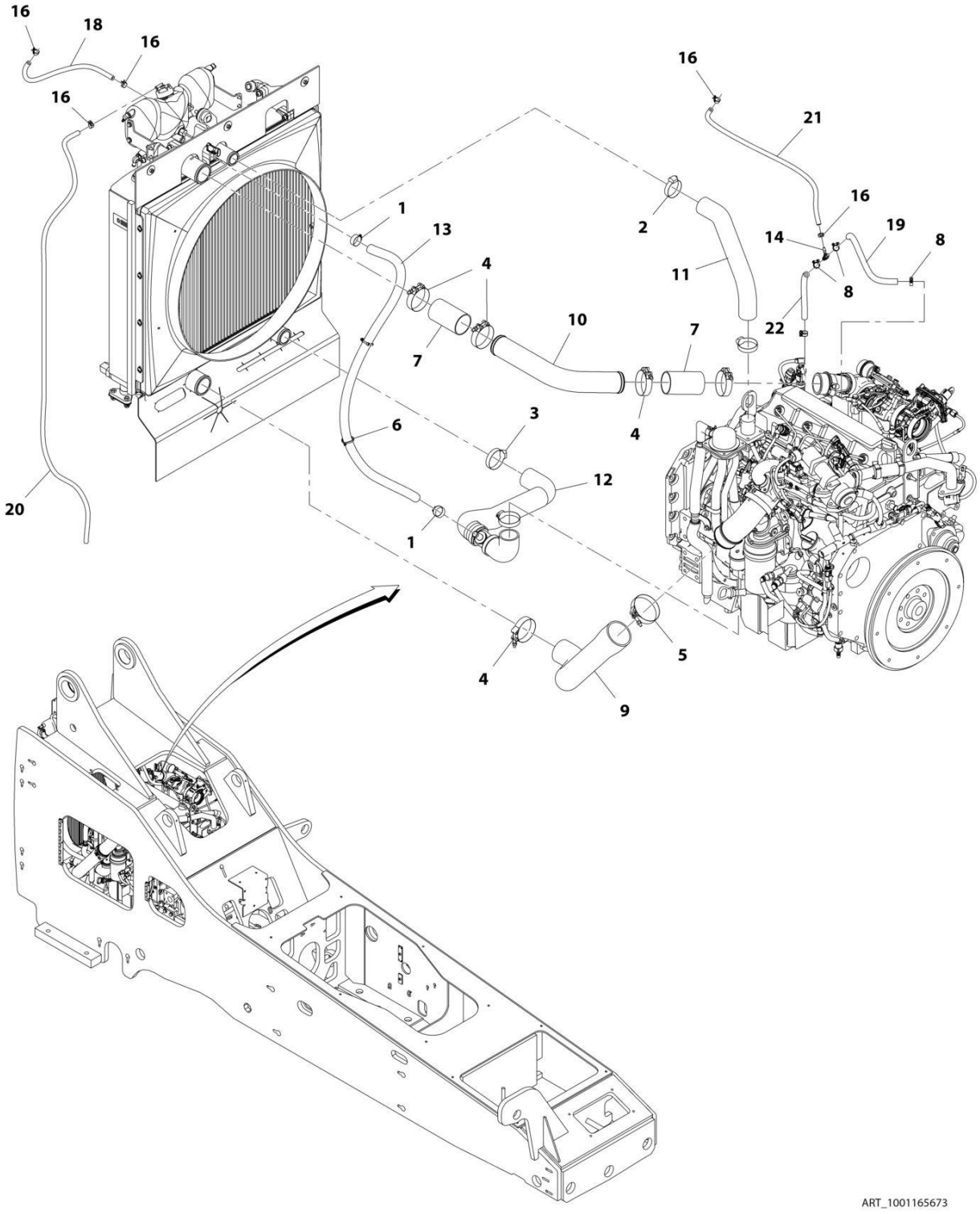


FIGURE 4-20. COOLING LINES INSTALLATION - 74HP & 110HP (ULS)

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 4-21. COOLING LINES INSTALLATION - 110HP (LS)

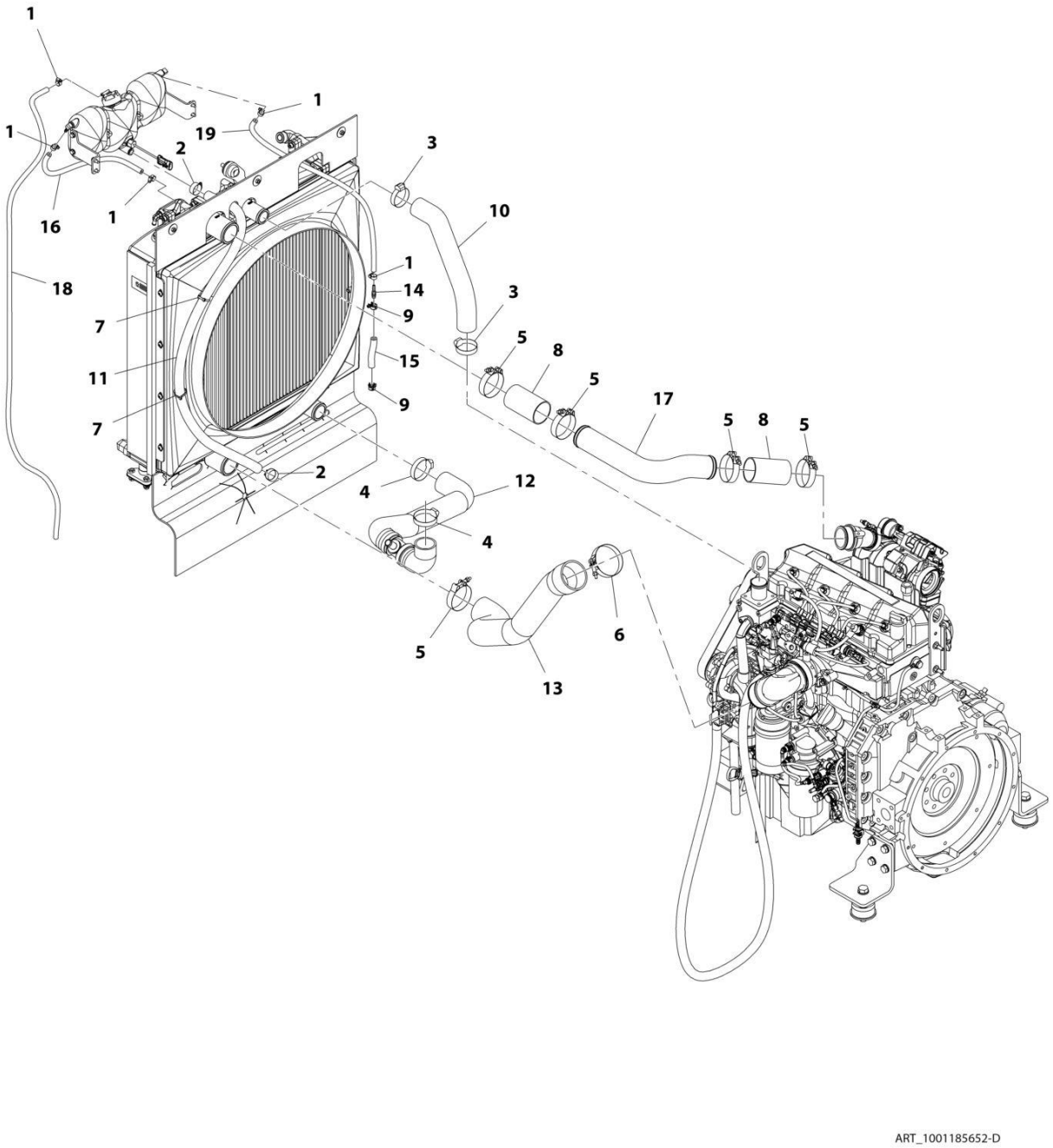


FIGURE 4-21. COOLING LINES INSTALLATION - 110HP (LS)

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 4-22. COOLING INSTALLATION - 74HP (ULS)

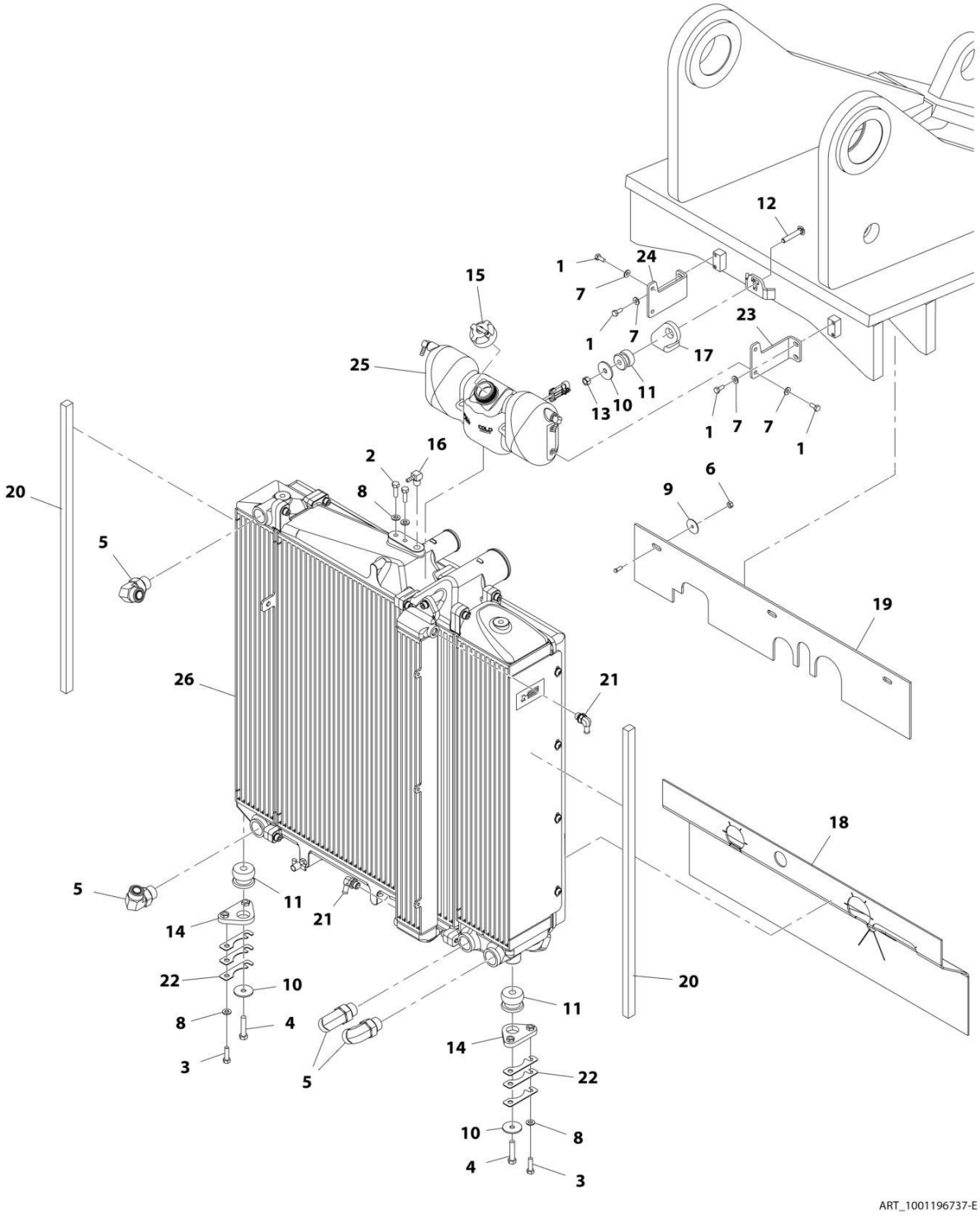


FIGURE 4-22. COOLING INSTALLATION - 74HP (ULS)

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 4-23. COOLING INSTALLATION - 110HP (ULS & LS)

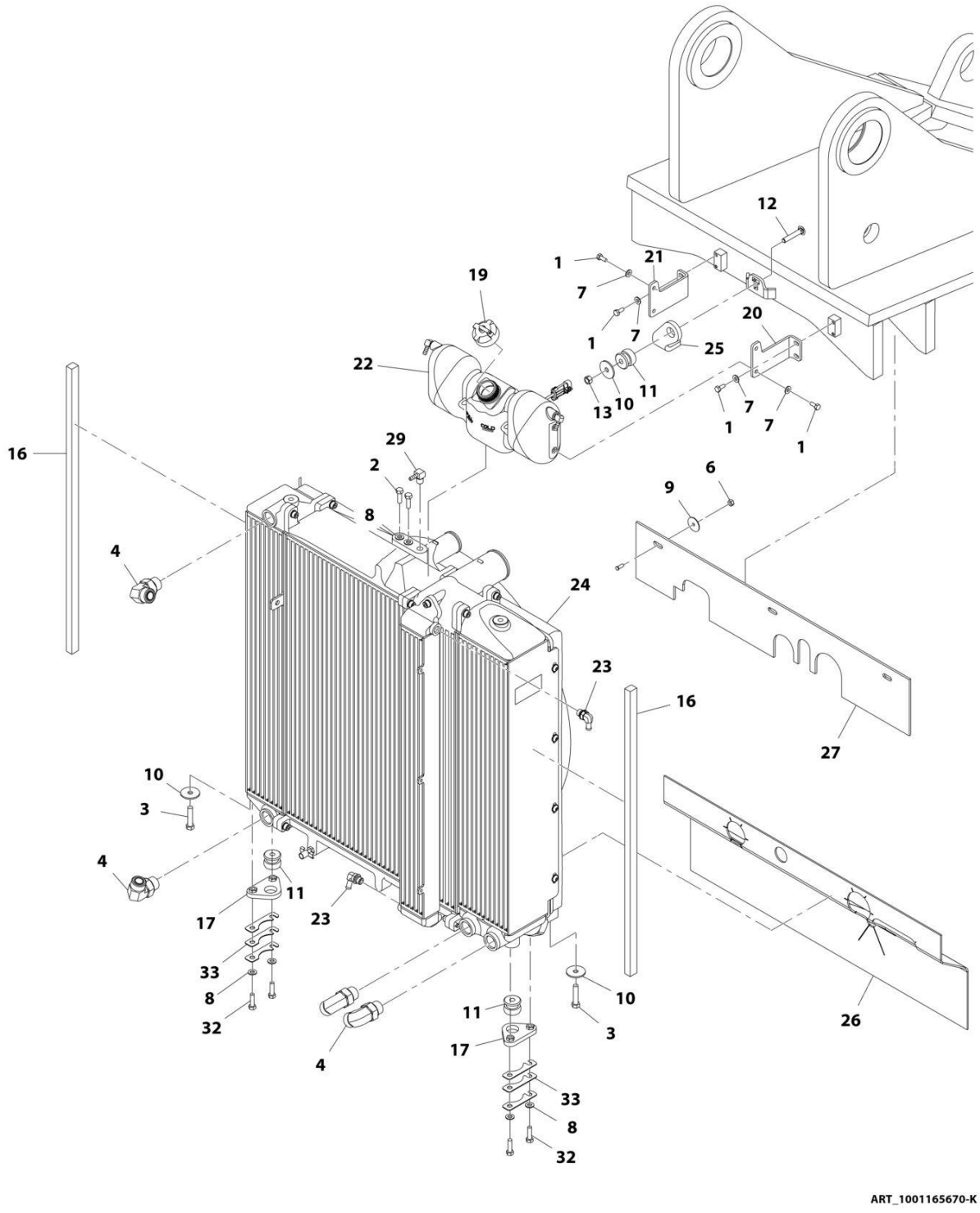


FIGURE 4-23. COOLING INSTALLATION - 110HP (ULS & LS)

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 4-24. DE-AERATION TANK ASSEMBLY - 74HP & 110HP (ULS)

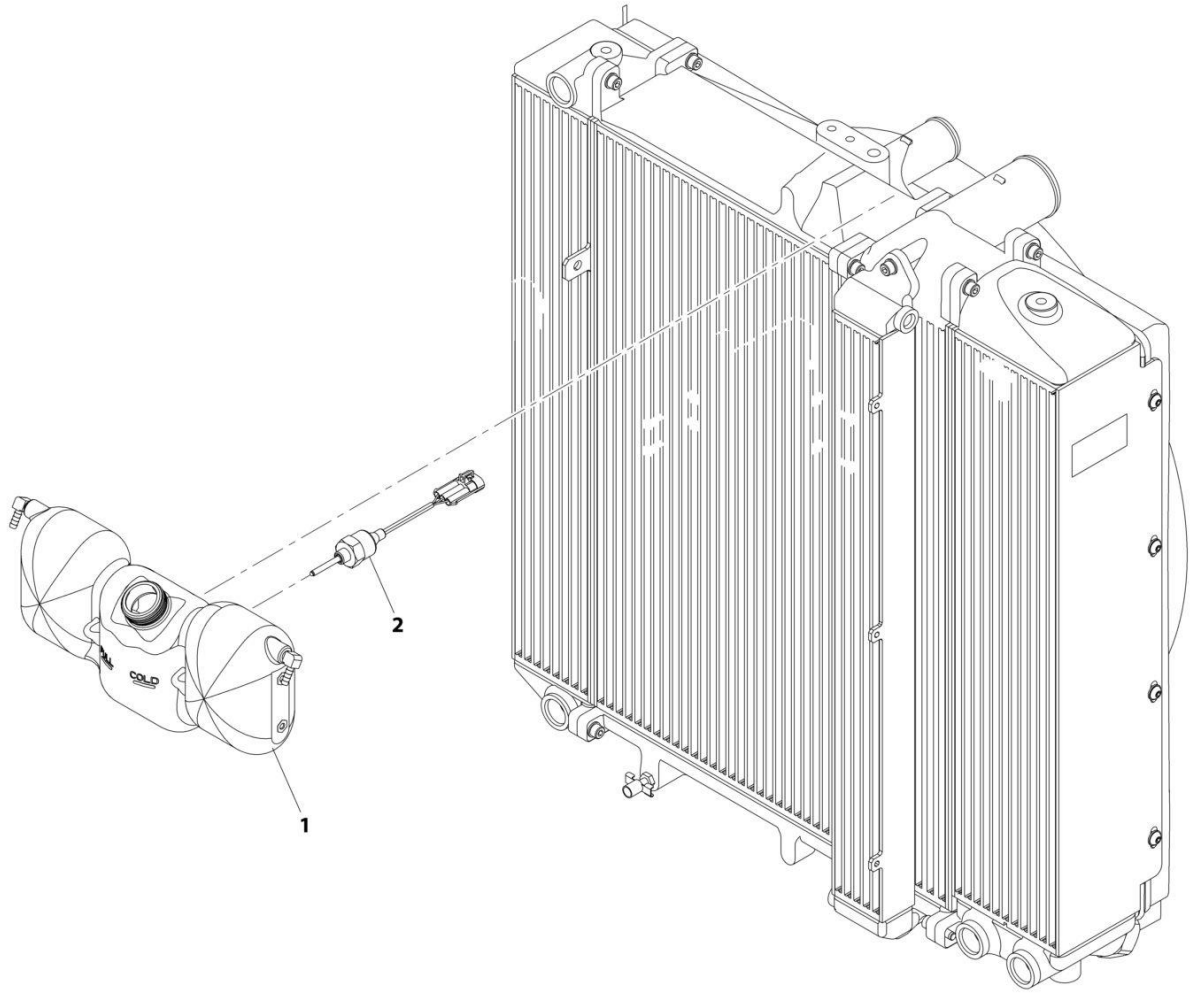


FIGURE 4-24. DE-AERATION TANK ASSEMBLY - 74HP & 110HP (ULS)

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

FIGURE 4-25. RADIATOR ASSEMBLY - 74HP (ULS)

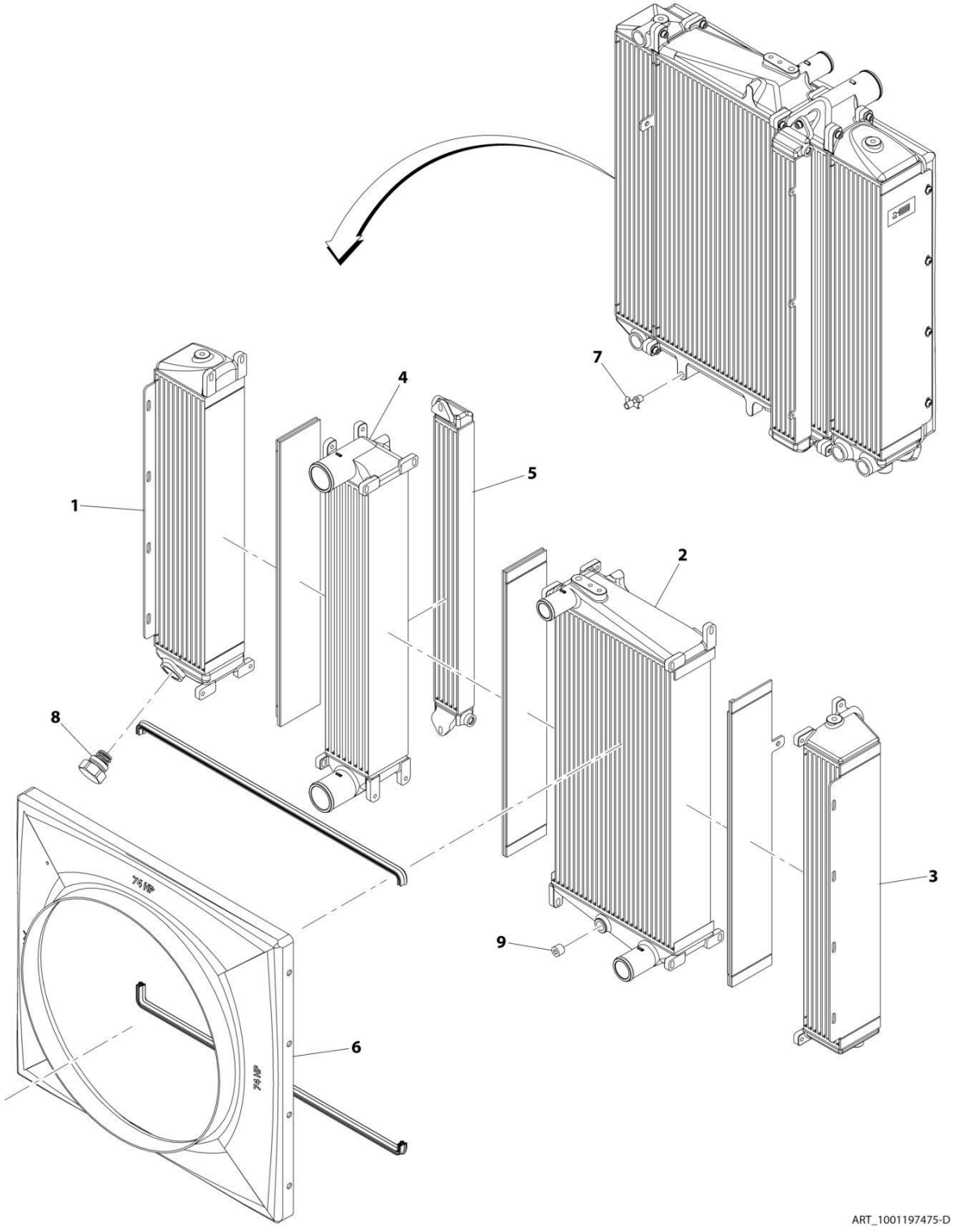


FIGURE 4-25. RADIATOR ASSEMBLY - 74HP (ULS)

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 4-26. RADIATOR ASSEMBLY - 110HP (ULS & LS)

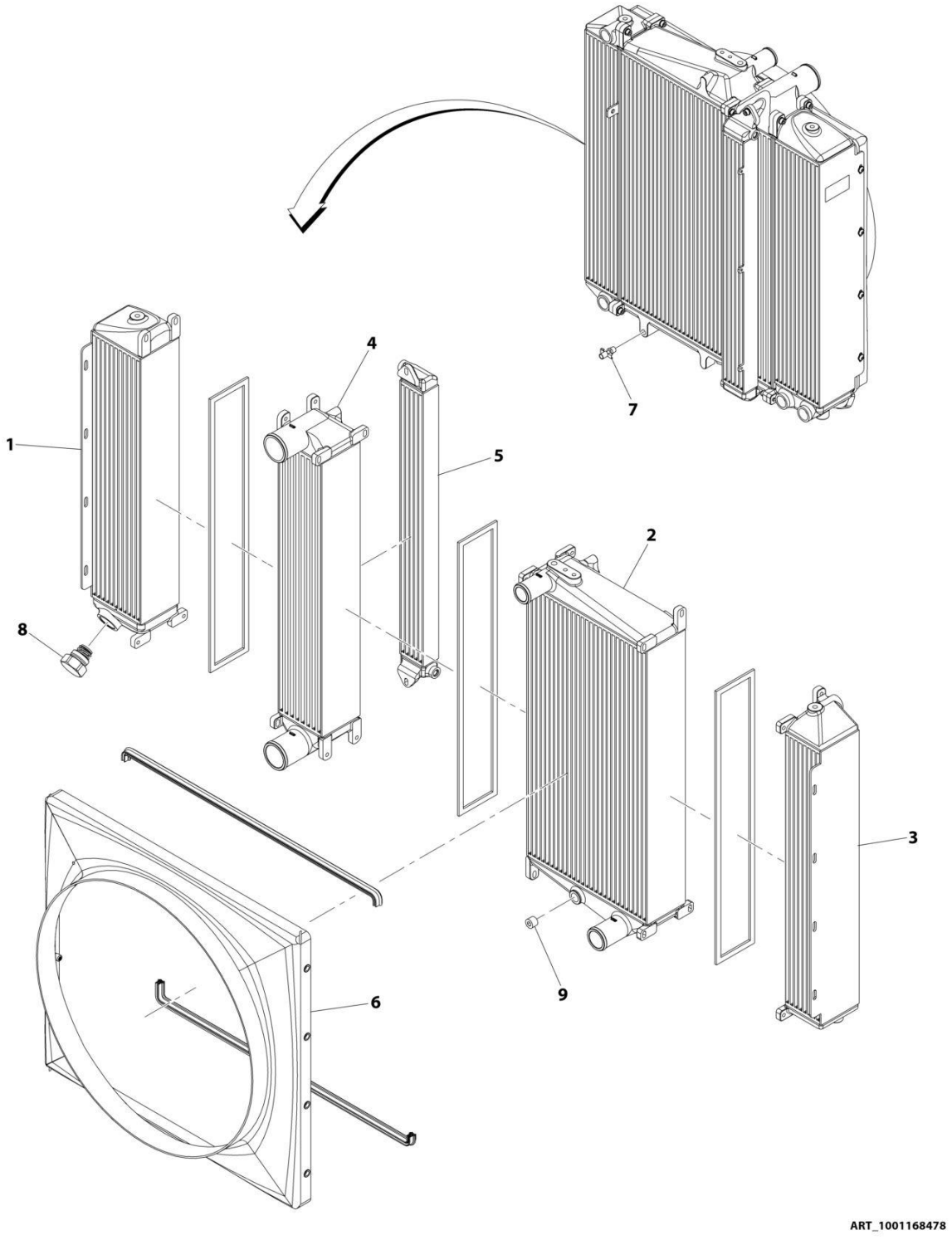


FIGURE 4-26. RADIATOR ASSEMBLY - 110HP (ULS & LS)

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	

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

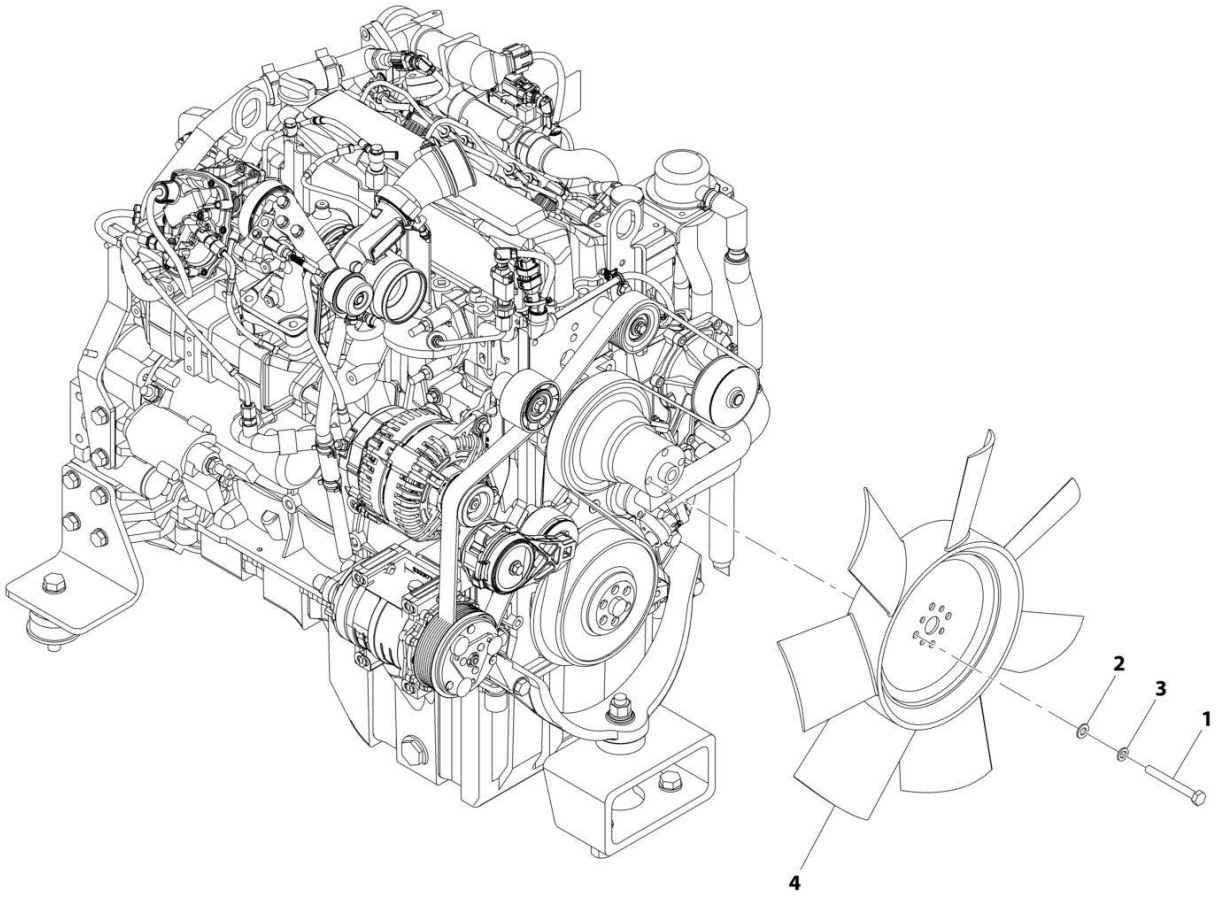
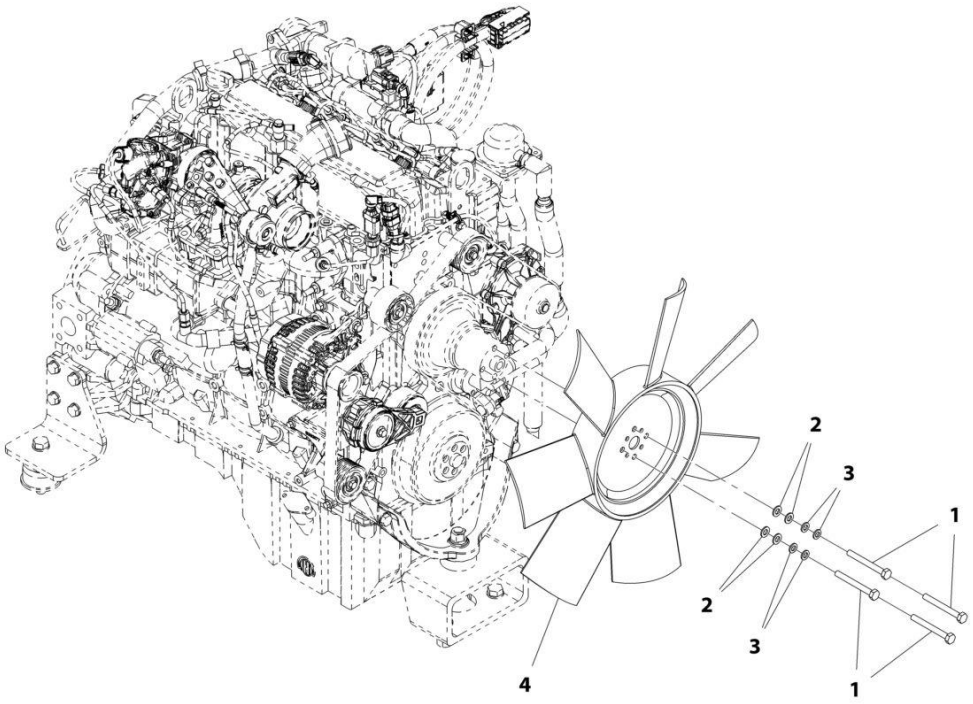


FIGURE 4-27. FAN INSTALLATION - 74HP (ULS)

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

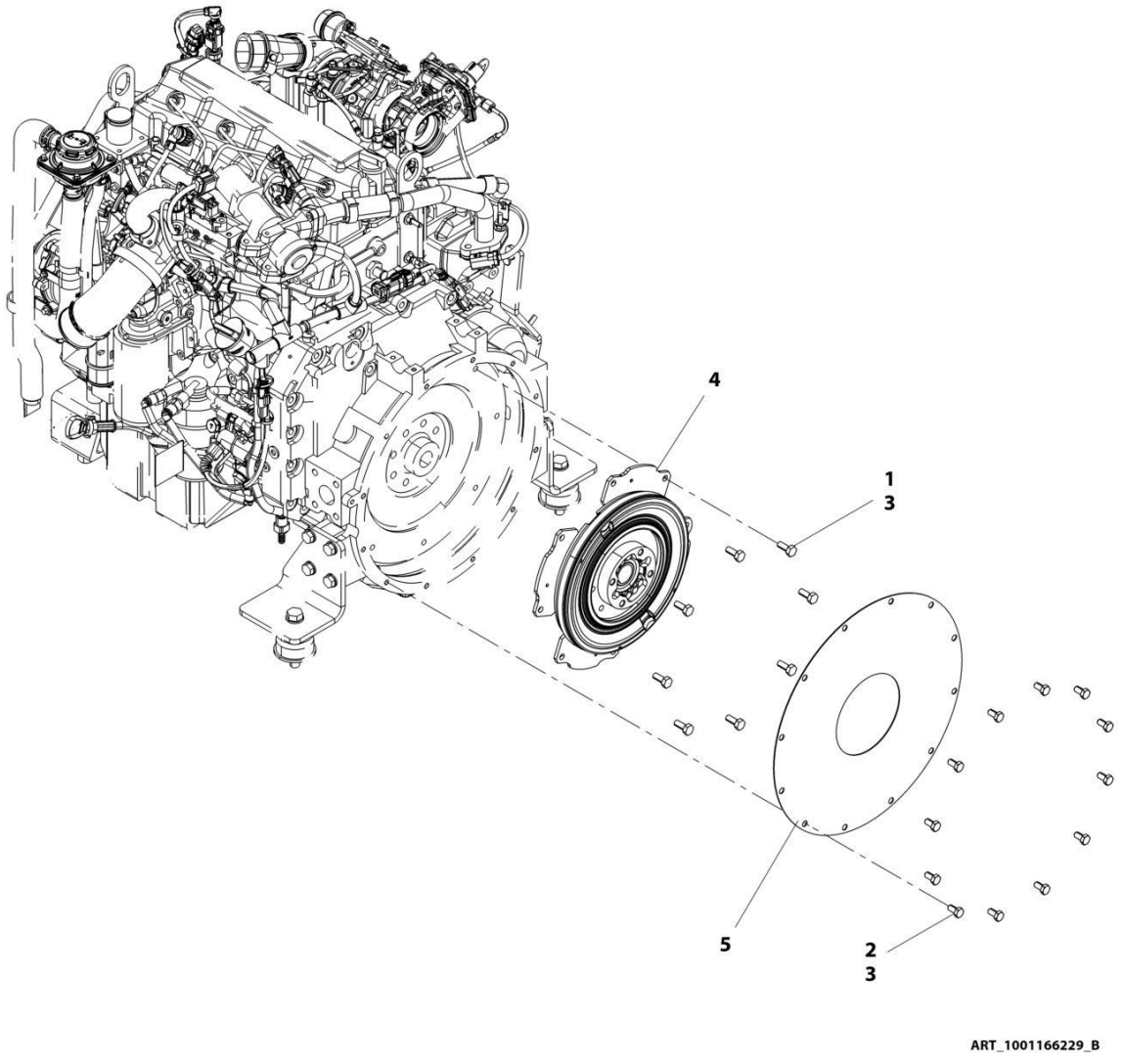


FIGURE 4-29. ISOLATION COUPLER INSTALLATION - 74HP & 110HP (ULS & LS)

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 4-30. AIR INTAKE SHUT OFF VALVE INSTALLATION

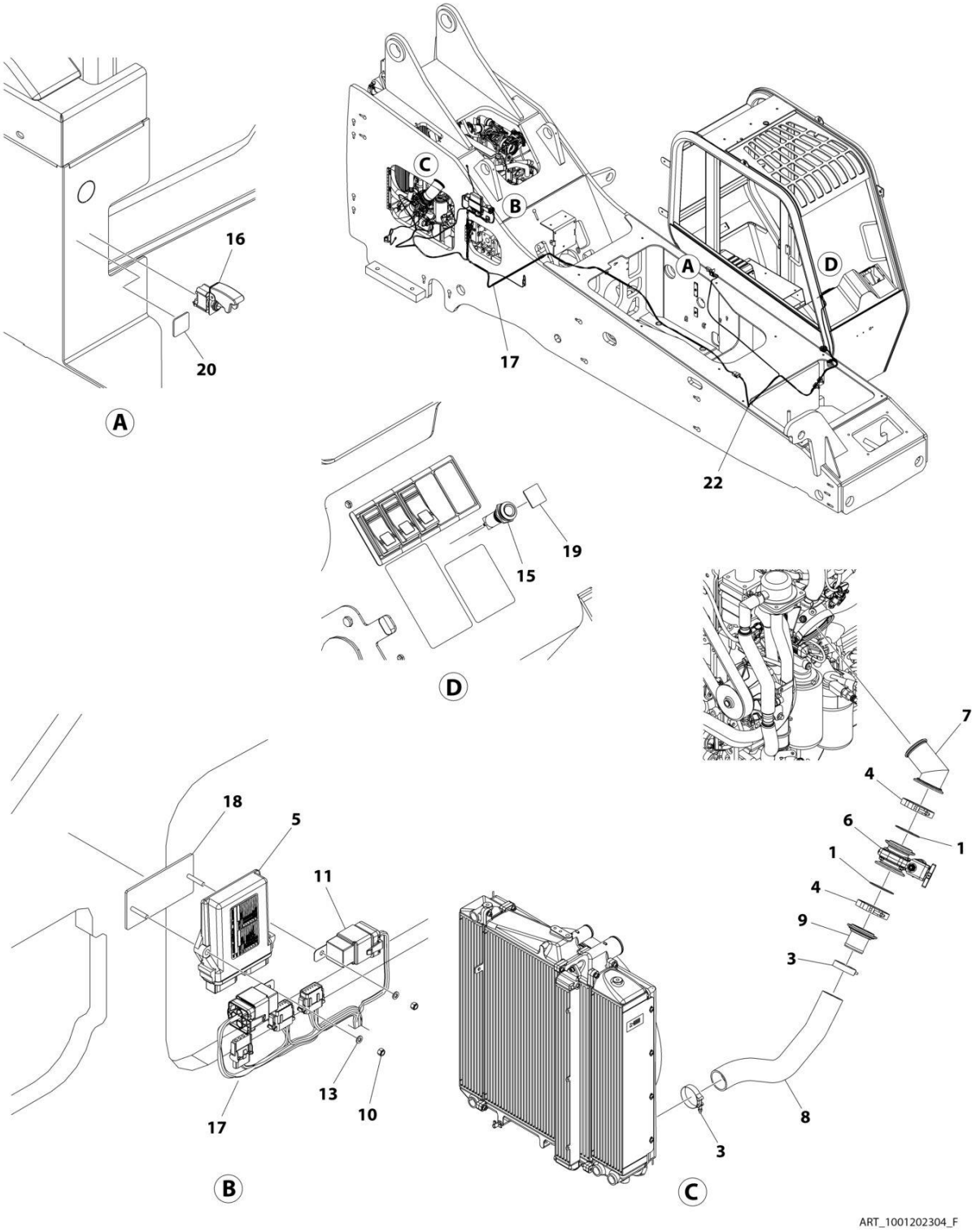


FIGURE 4-30. AIR INTAKE SHUT OFF VALVE INSTALLATION

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 4-31. BREATHER HEATER INSTALLATION - 74HP

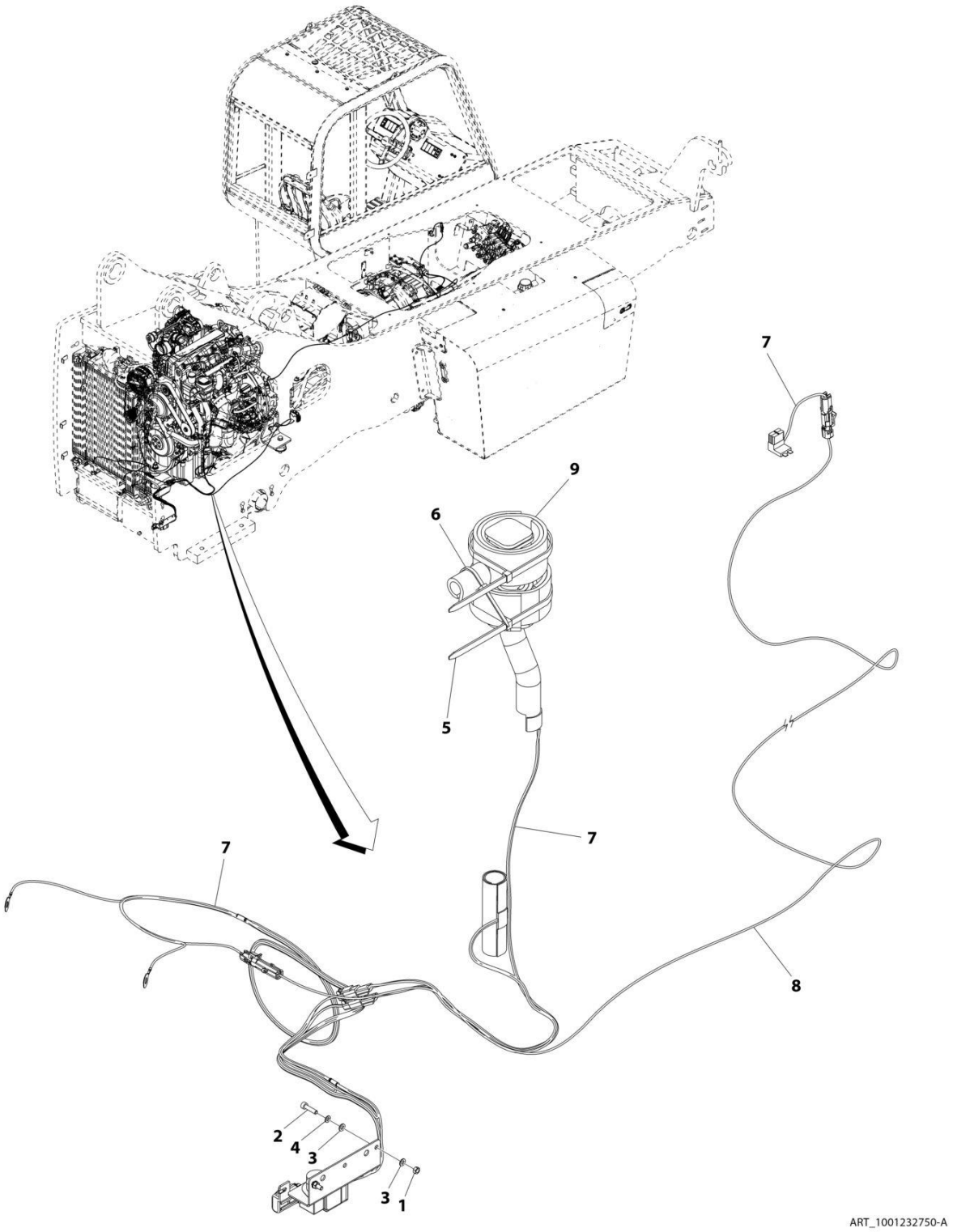


FIGURE 4-31. BREATHER HEATER INSTALLATION - 74HP

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 4-32. A/C COMPONENTS INSTALLATION - 74HP

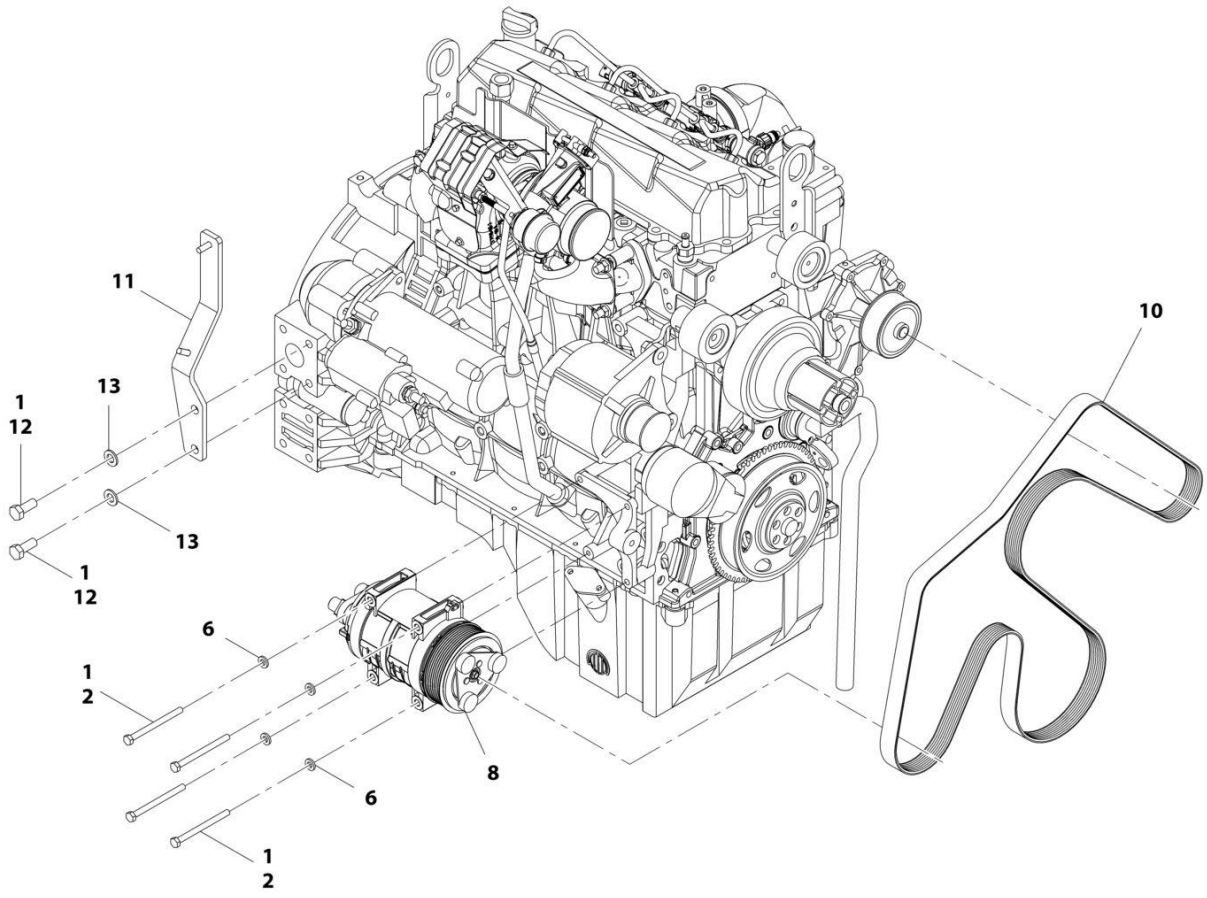


FIGURE 4-32. A/C COMPONENTS INSTALLATION - 74HP

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 4-33. A/C COMPONENTS INSTALLATION - 110HP

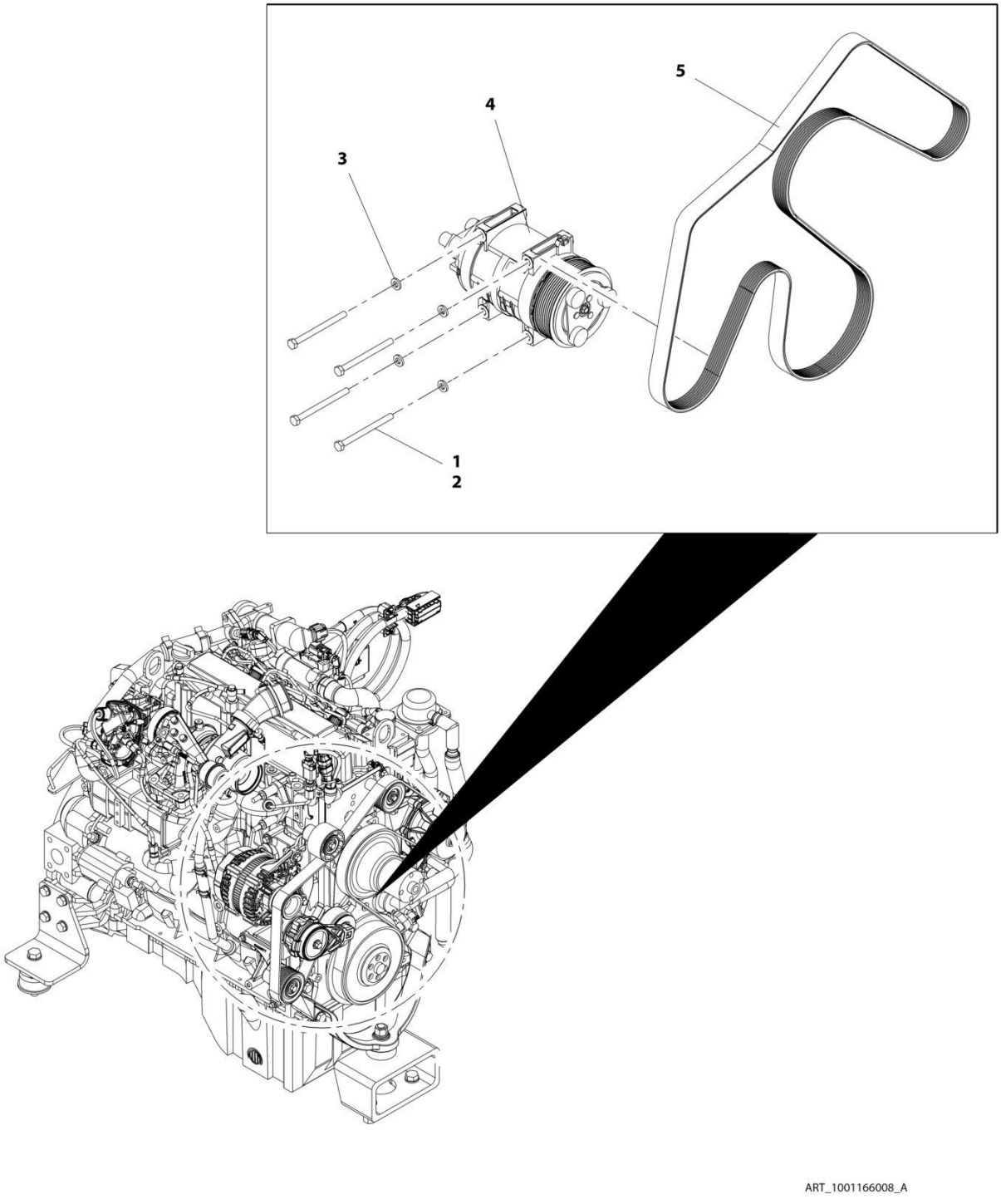


FIGURE 4-33. A/C COMPONENTS INSTALLATION - 110HP

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	

SECTION 5 - DRIVE TRAIN

FIGURE 5-1. TRANSMISSION INSTALLATION

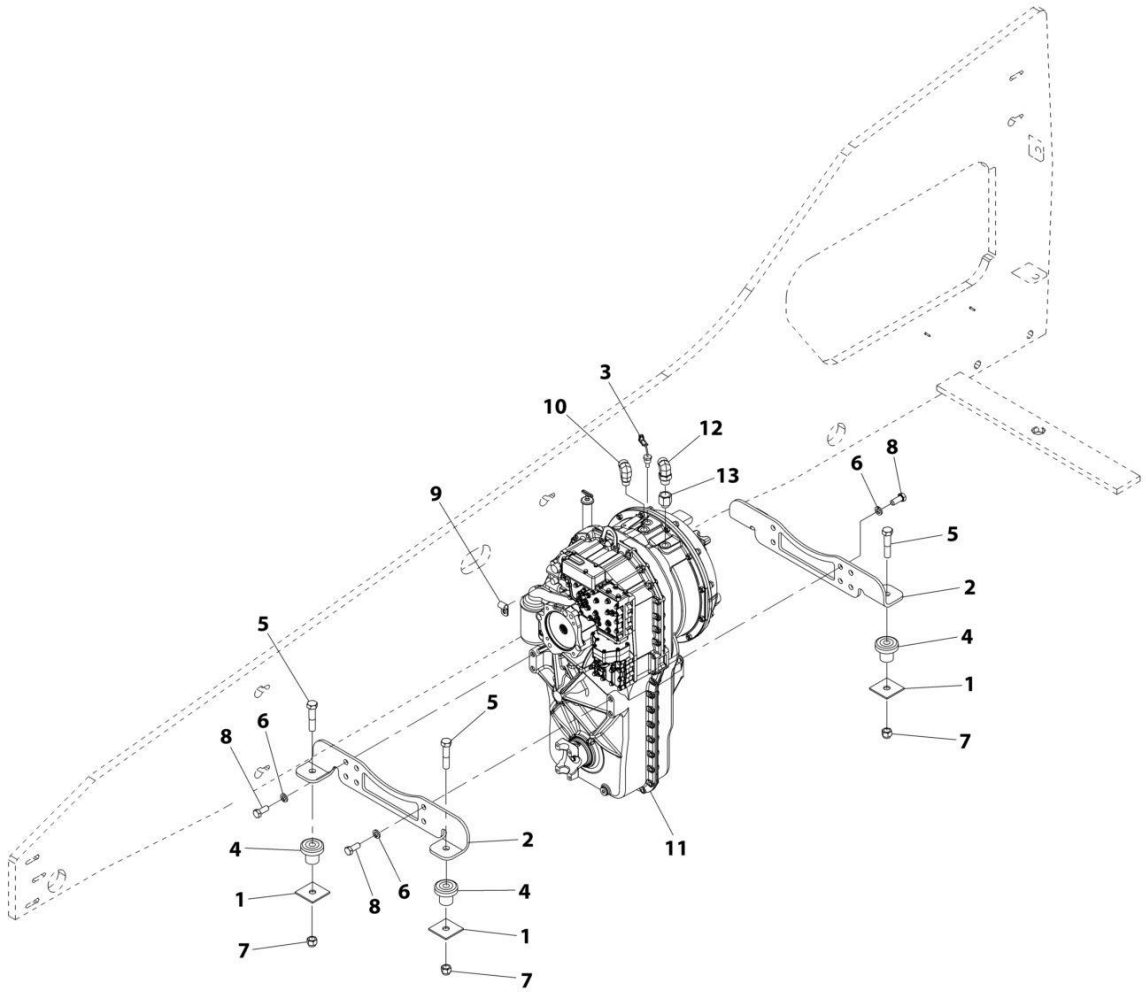
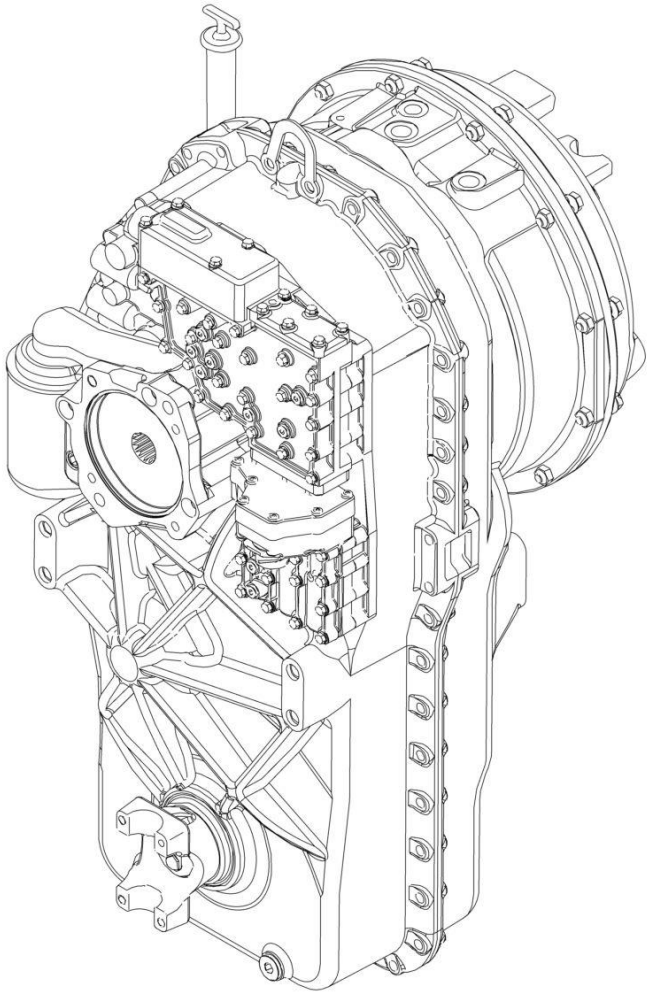


FIGURE 5-1. TRANSMISSION INSTALLATION

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, ENGINE CONNECTION AND CONVERTER

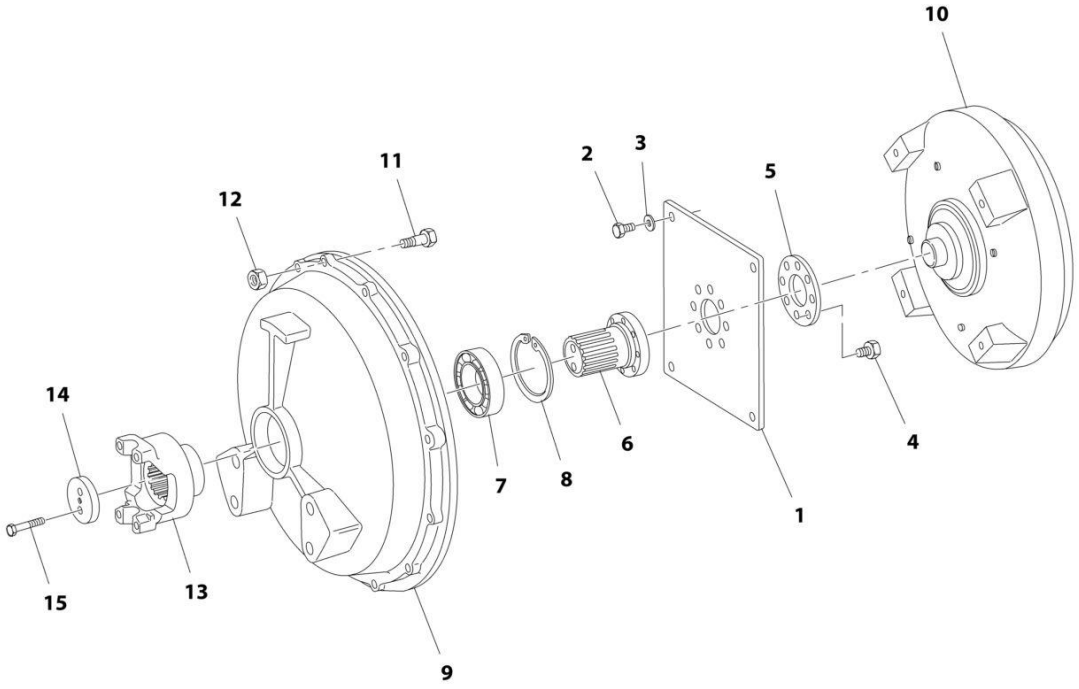


FIGURE 5-3. TRANSMISSION, ENGINE CONNECTION AND CONVERTER

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 5-4. TRANSMISSION, INPUT SHAFTS

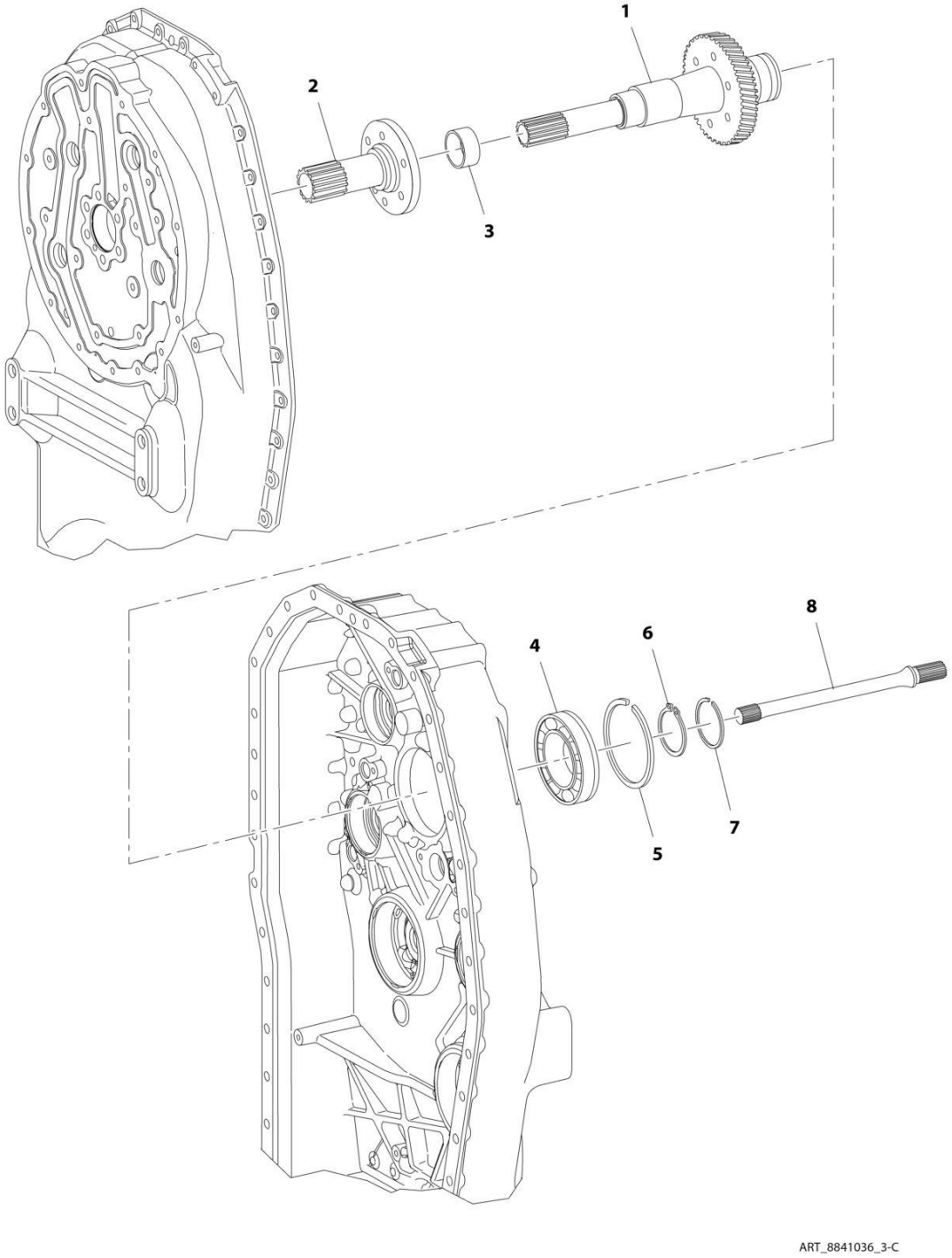


FIGURE 5-4. TRANSMISSION, INPUT SHAFTS

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 5-5. TRANSMISSION, GEARBOX HOUSING

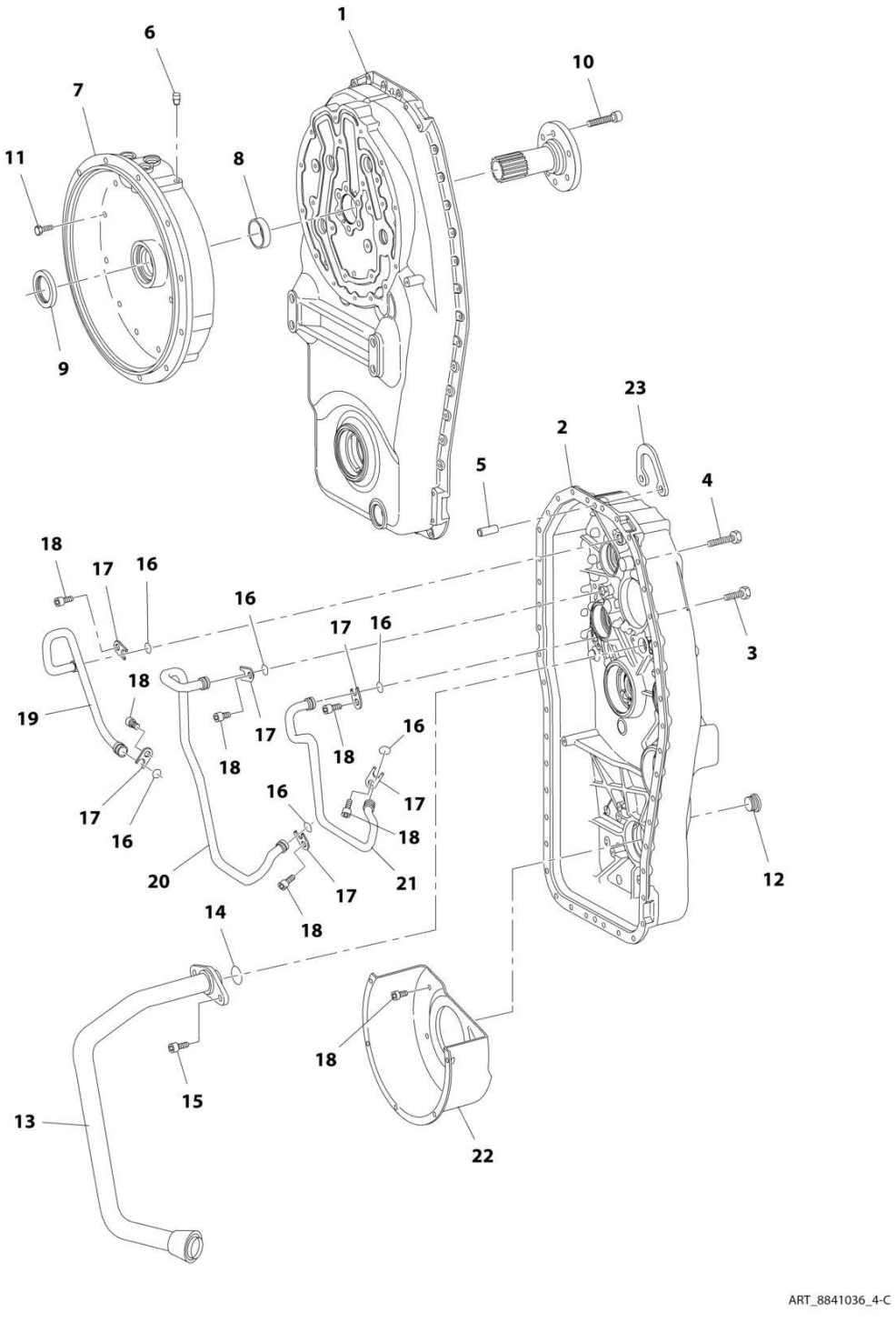


FIGURE 5-5. TRANSMISSION, GEARBOX HOUSING

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 5-6. TRANSMISSION, COUPLING GROUP 1

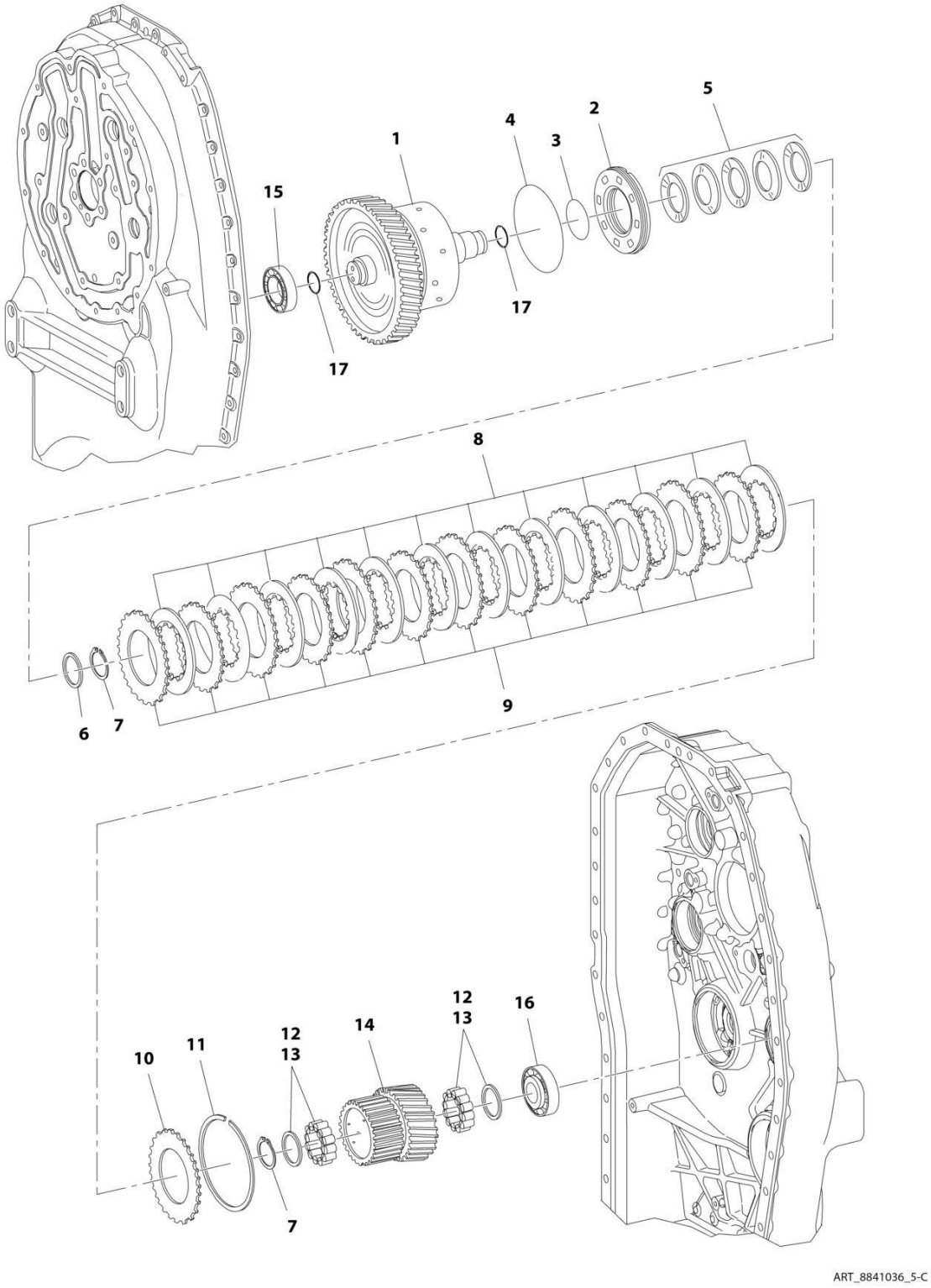


FIGURE 5-6. TRANSMISSION, COUPLING GROUP 1

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 5-7. TRANSMISSION, COUPLING GROUP 2

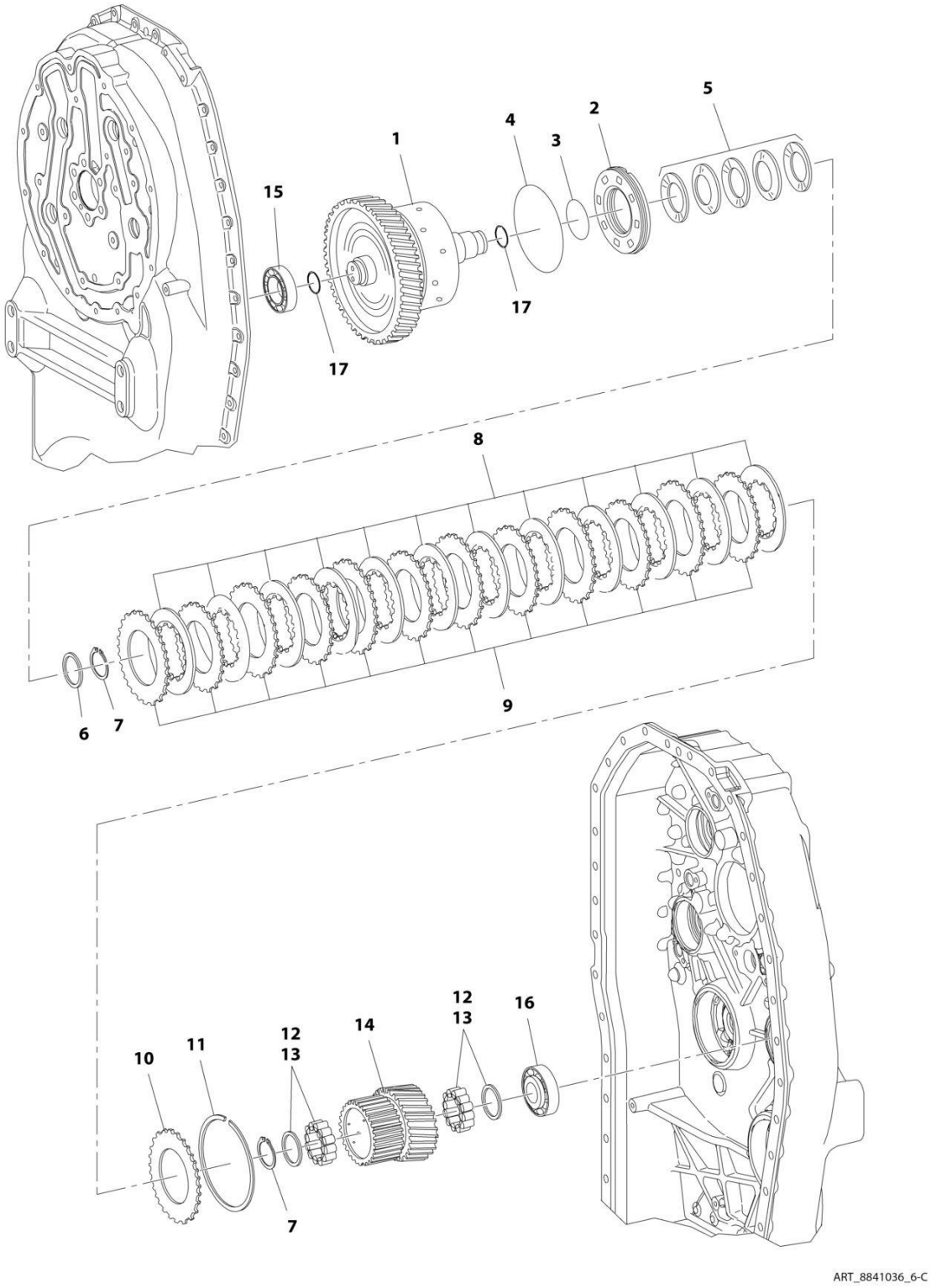


FIGURE 5-7. TRANSMISSION, COUPLING GROUP 2

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 5-8. TRANSMISSION, COUPLING GROUP 3

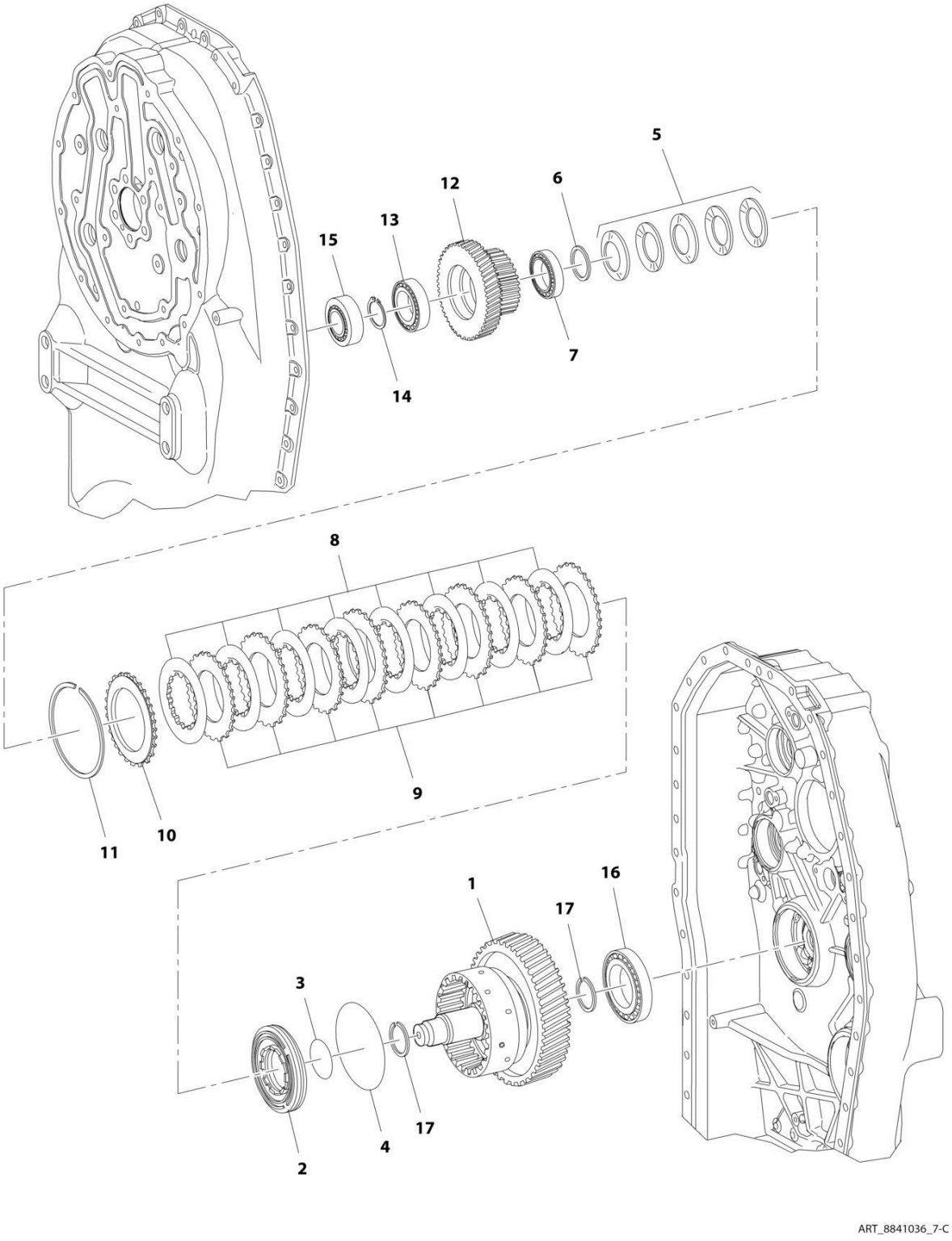


FIGURE 5-8. TRANSMISSION, COUPLING GROUP 3

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 5-9. TRANSMISSION, COUPLING GROUP 4

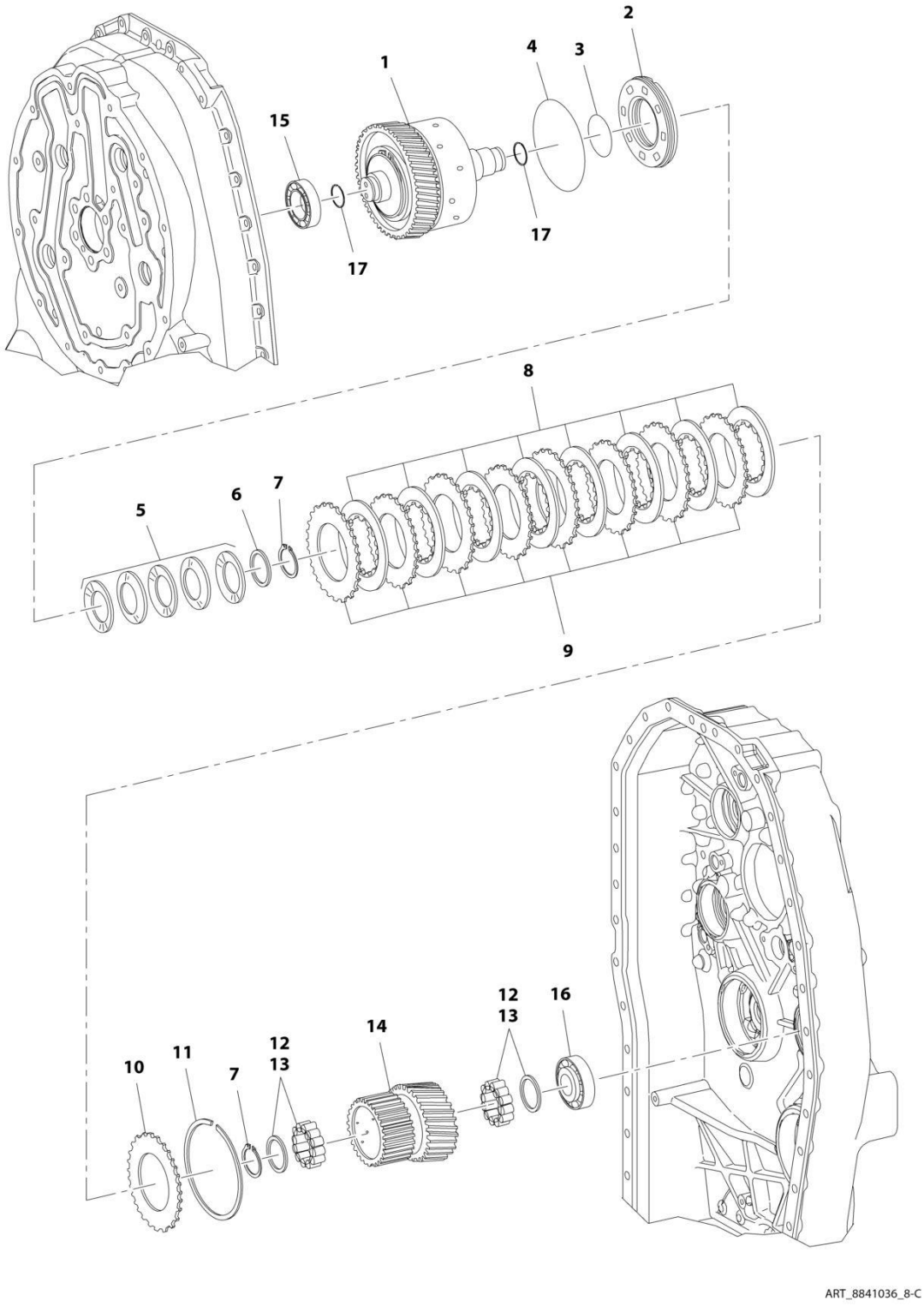


FIGURE 5-9. TRANSMISSION, COUPLING GROUP 4

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 5-10. TRANSMISSION, REVERSING GEAR GROUP 1

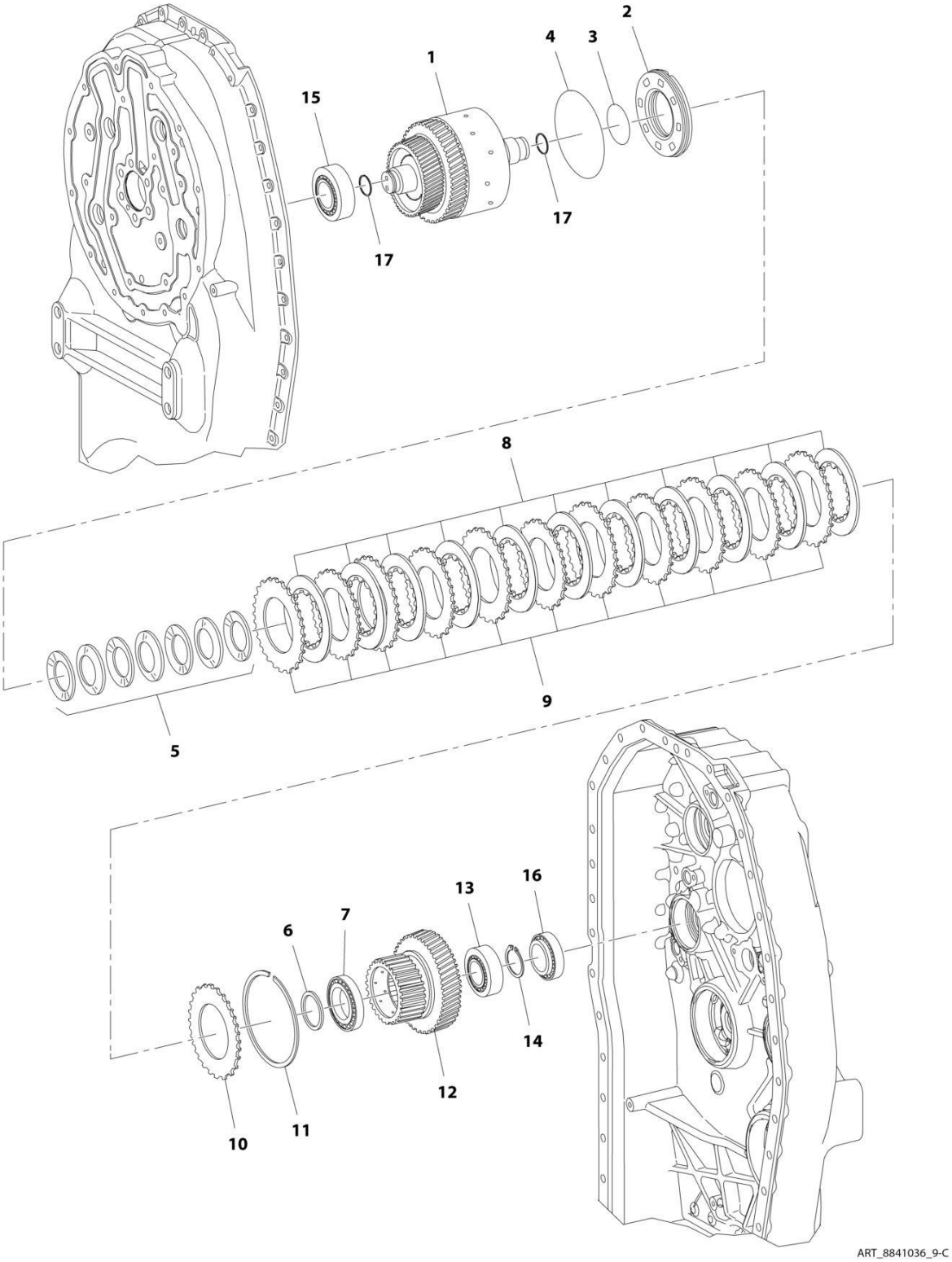


FIGURE 5-10. TRANSMISSION, REVERSING GEAR GROUP 1

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 5-11. TRANSMISSION, REVERSING GEAR GROUP 2

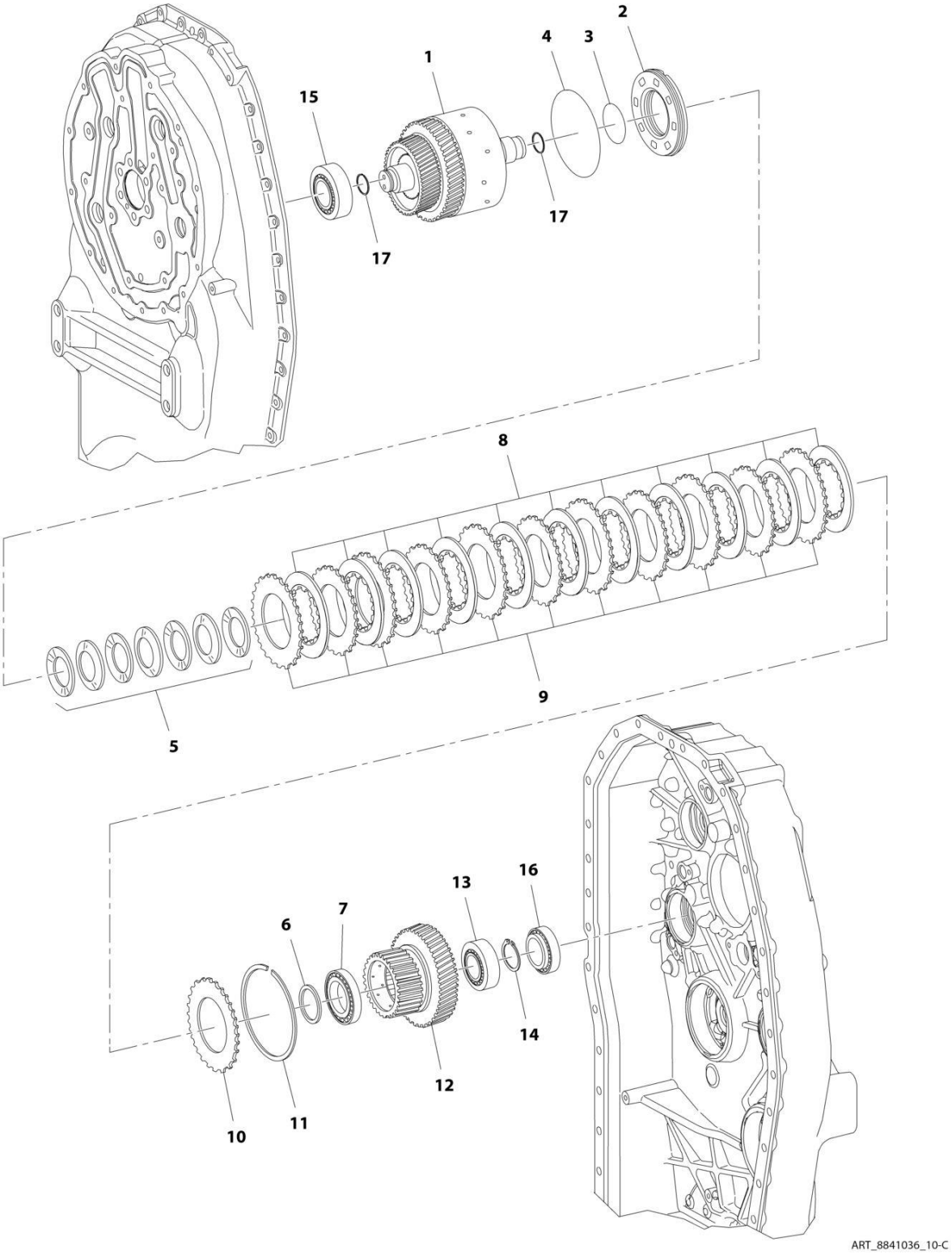


FIGURE 5-11. TRANSMISSION, REVERSING GEAR GROUP 2

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 5-12. TRANSMISSION, OUTPUT

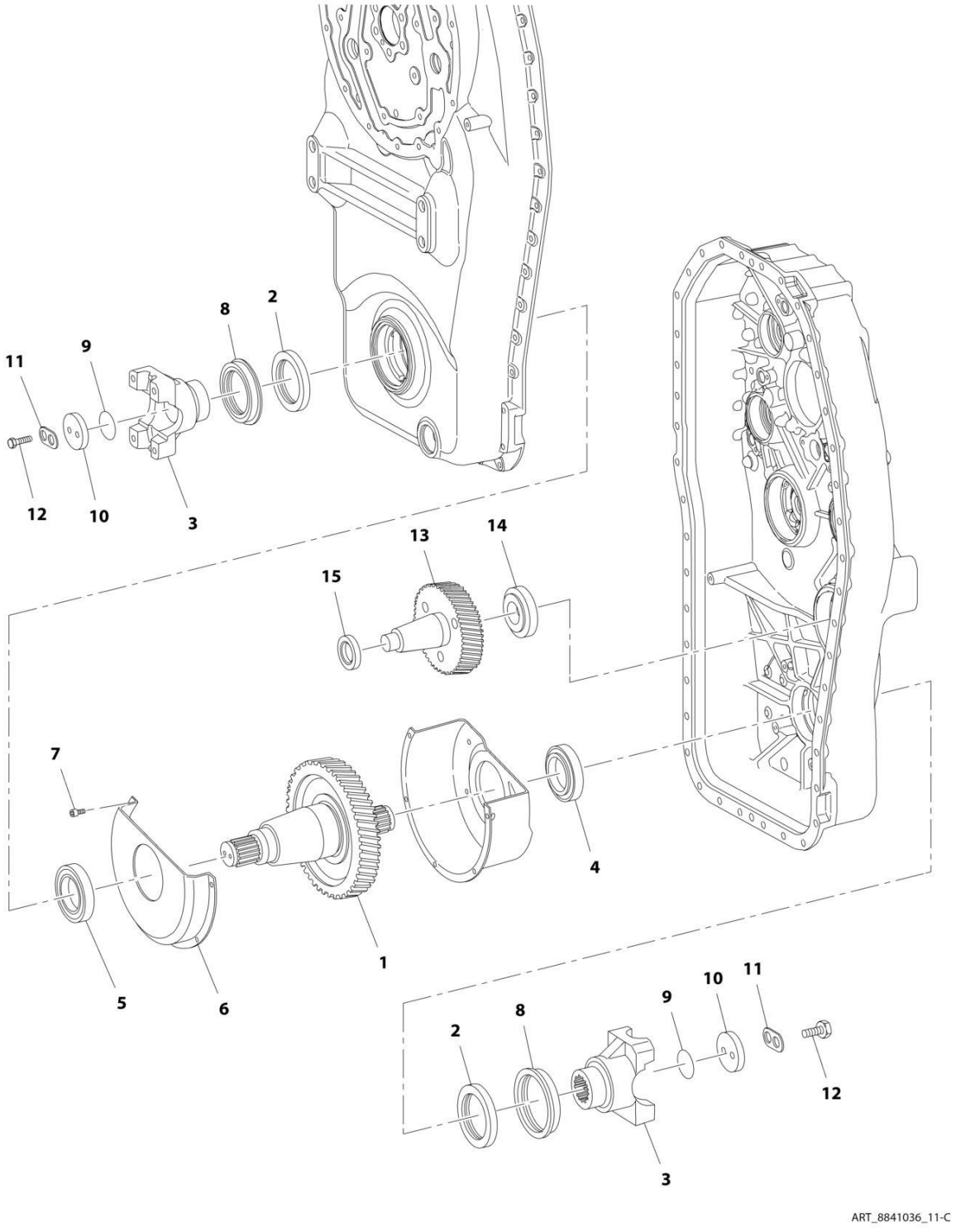


FIGURE 5-12. TRANSMISSION, OUTPUT

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, CONTROL UNIT

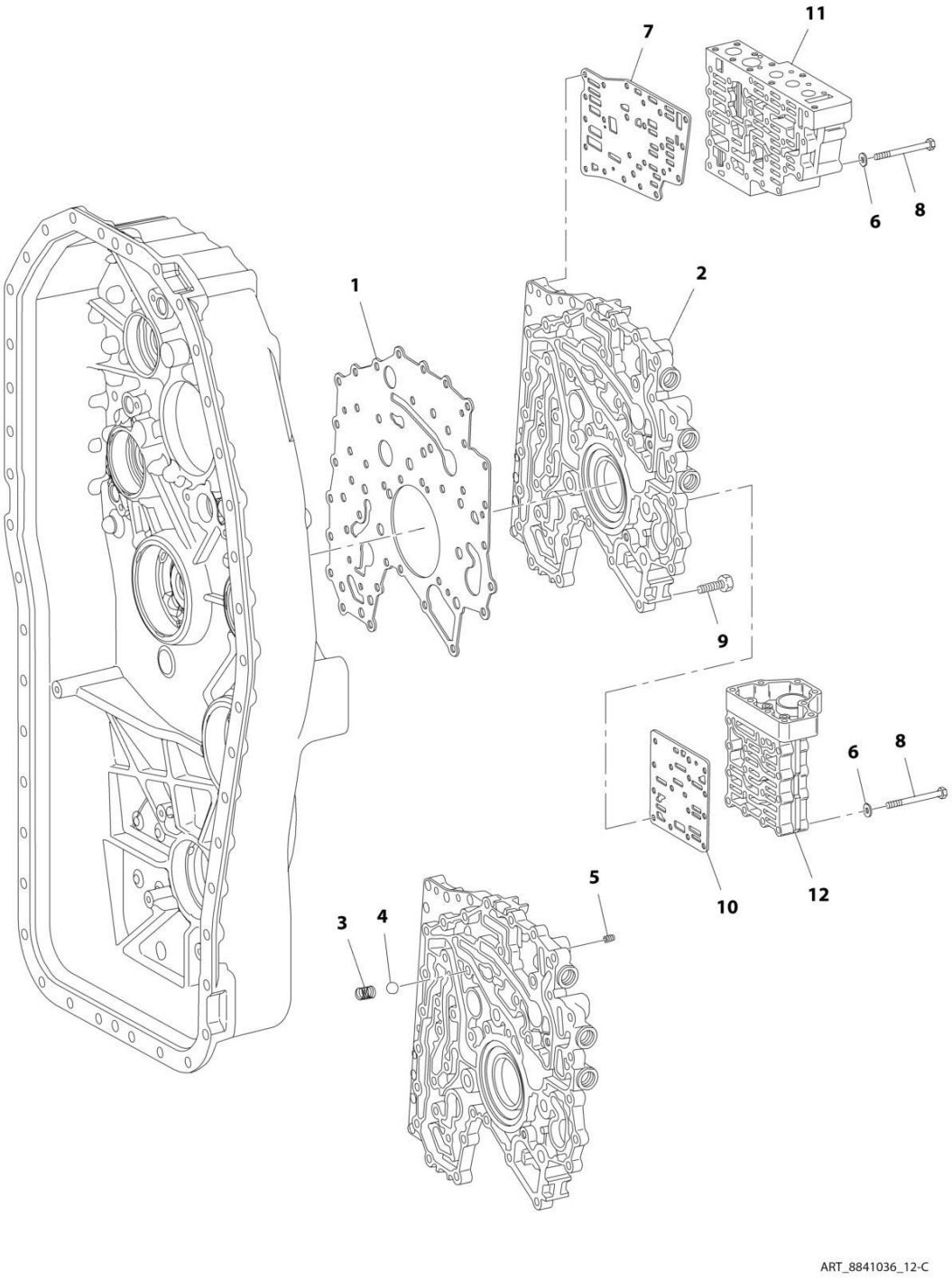


FIGURE 5-13. TRANSMISSION, CONTROL UNIT

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 5-14. TRANSMISSION, VALVE HOUSING ASSEMBLY

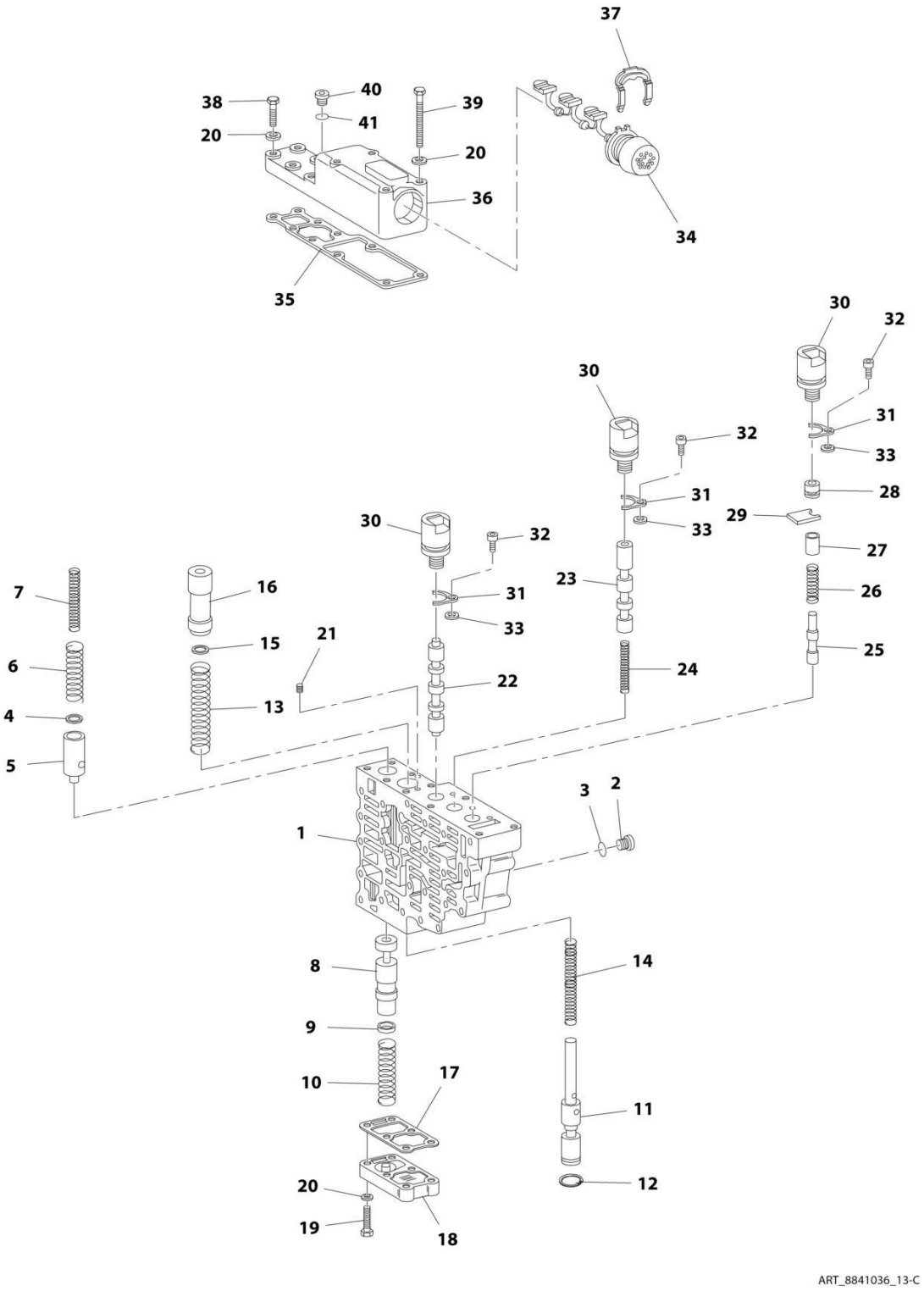


FIGURE 5-14. TRANSMISSION, VALVE HOUSING ASSEMBLY

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 5-15. TRANSMISSION, VALVE BLOCK ASSEMBLY

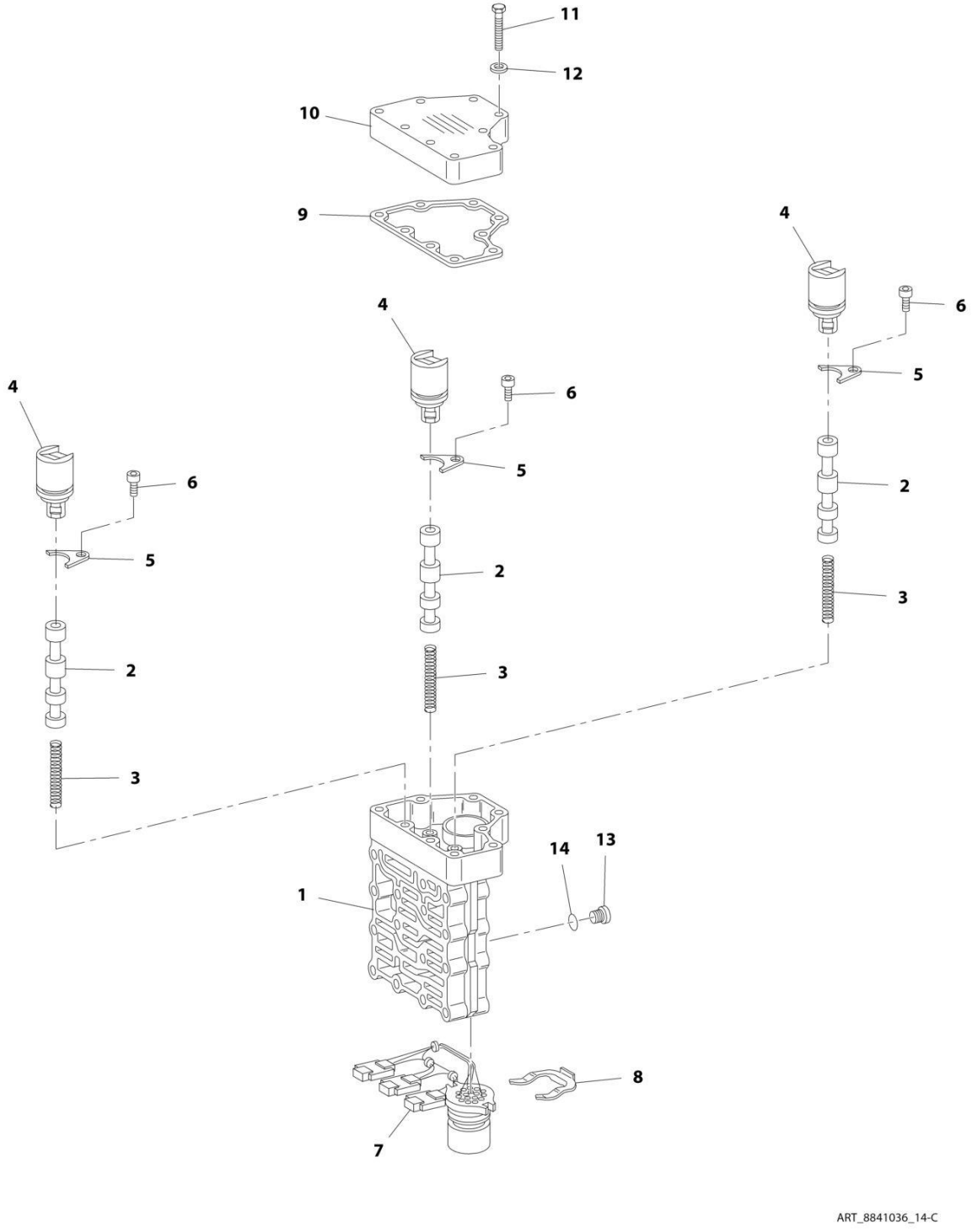


FIGURE 5-15. TRANSMISSION, VALVE BLOCK ASSEMBLY

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, OIL PUMP AND FILTER

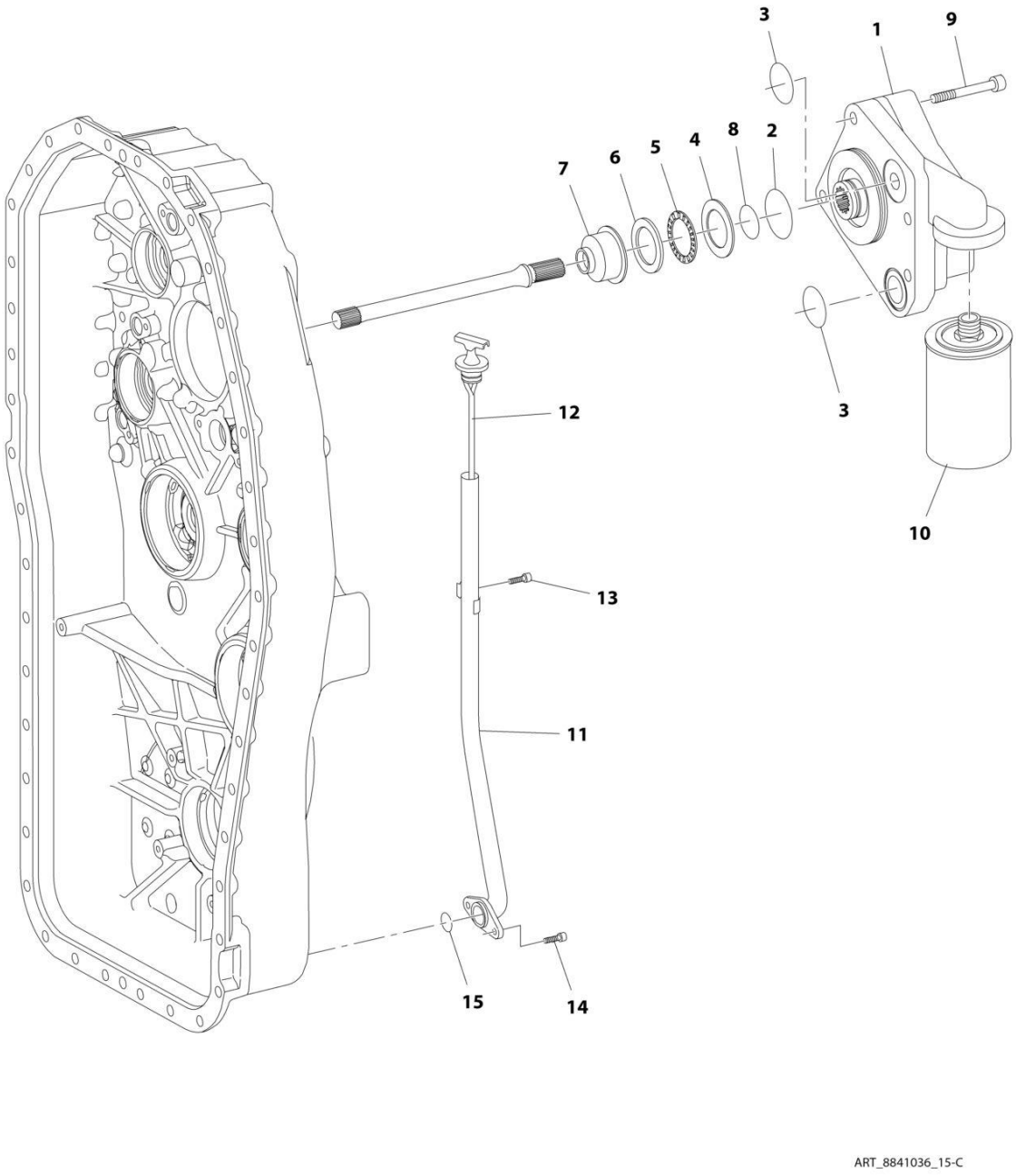


FIGURE 5-16. TRANSMISSION, OIL PUMP AND FILTER

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 5-17. DRIVE SHAFT INSTALLATION

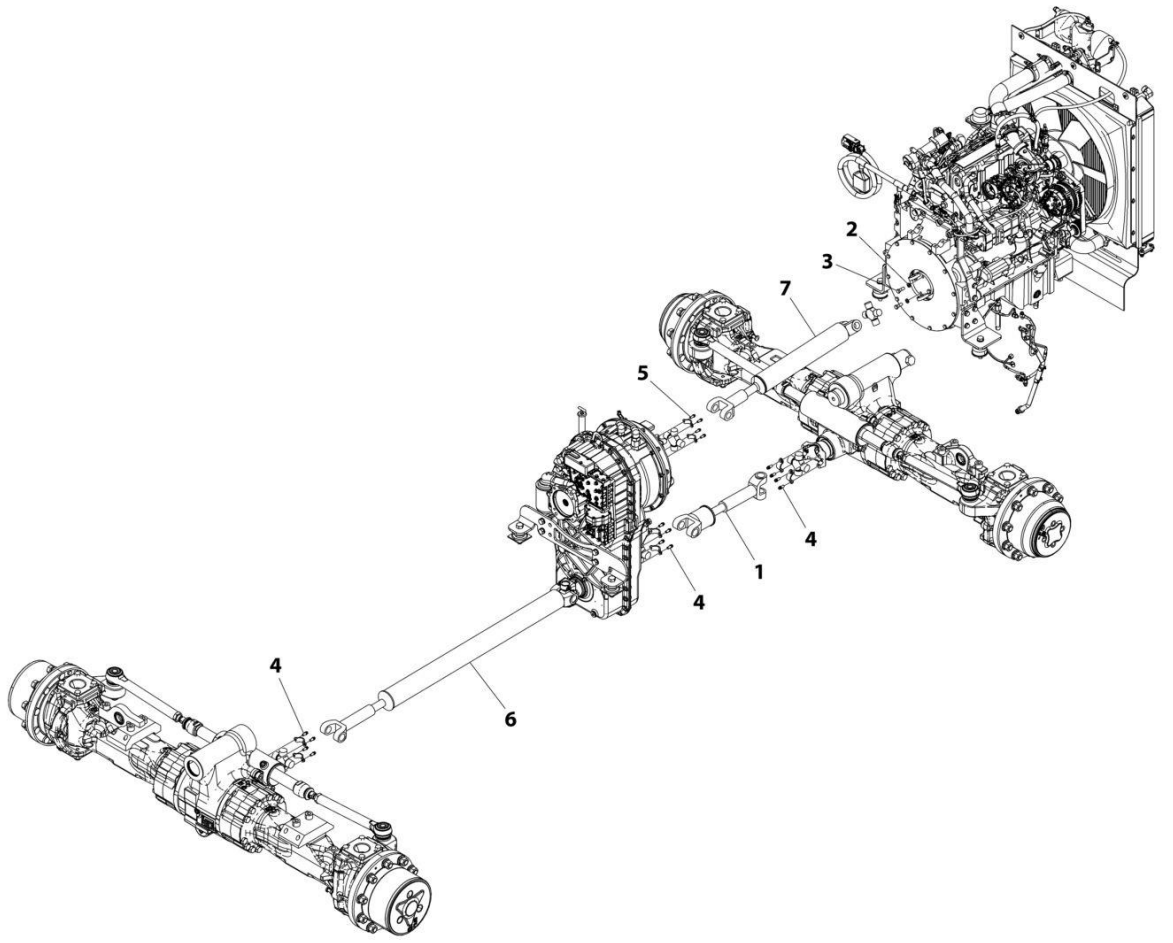


FIGURE 5-17. DRIVE SHAFT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223727	Ref	DRIVESHAFT INSTALLATION	B
1	7138639	1	Drive Shaft Assembly (Rear) See Separate Breakdown in this Section)	
2	8307006	4	Washer 7/16	
3	8310425	4	Bolt 7/16X1-1/4, Grade 8	
4	8880218-OM	4	Kit, Strap	
5	8880219-OM	1	Kit, Strap	
6	1001222870	1	Drive Shaft Assembly (Front) See Separate Breakdown in this Section)	
7	1001127784	1	Drive Shaft Assembly (Input) See Separate Breakdown in this Section)	

FIGURE 5-18. DRIVE SHAFT ASSEMBLY (INPUT)

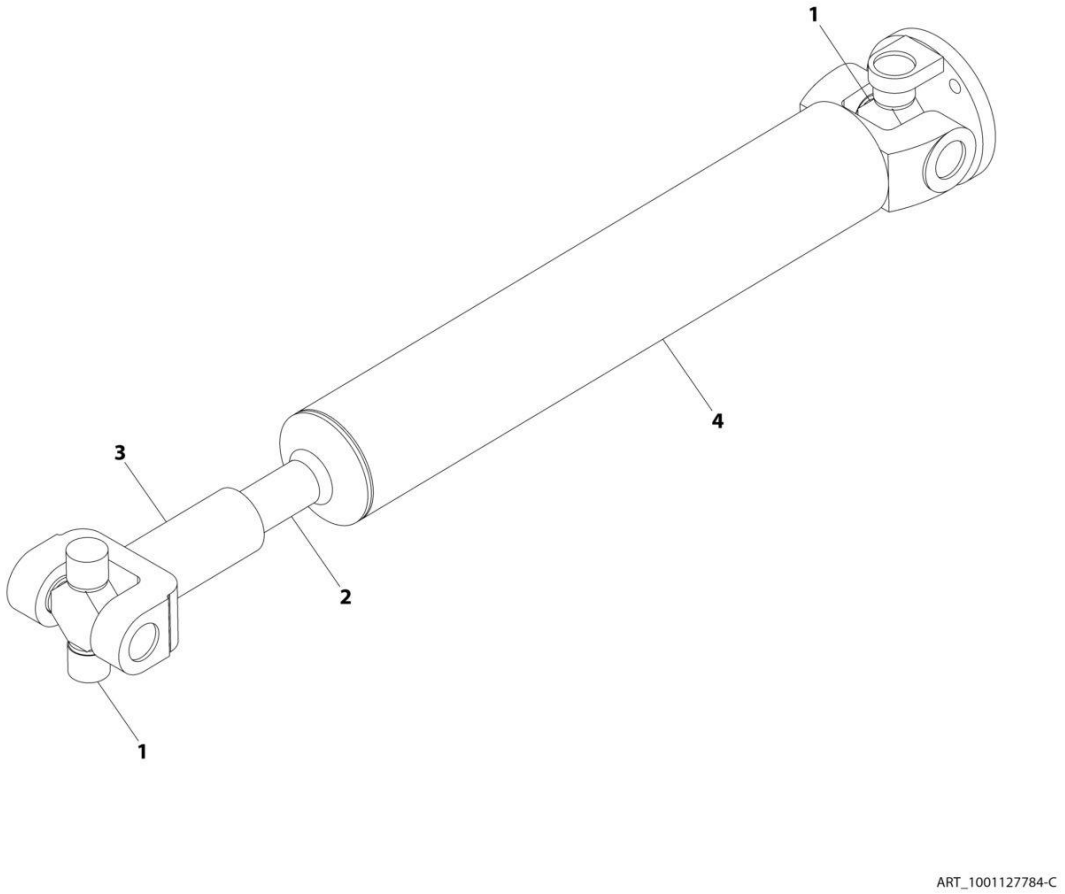


FIGURE 5-18. DRIVE SHAFT ASSEMBLY (INPUT)

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 5-19. DRIVE SHAFT ASSEMBLY (FRONT)

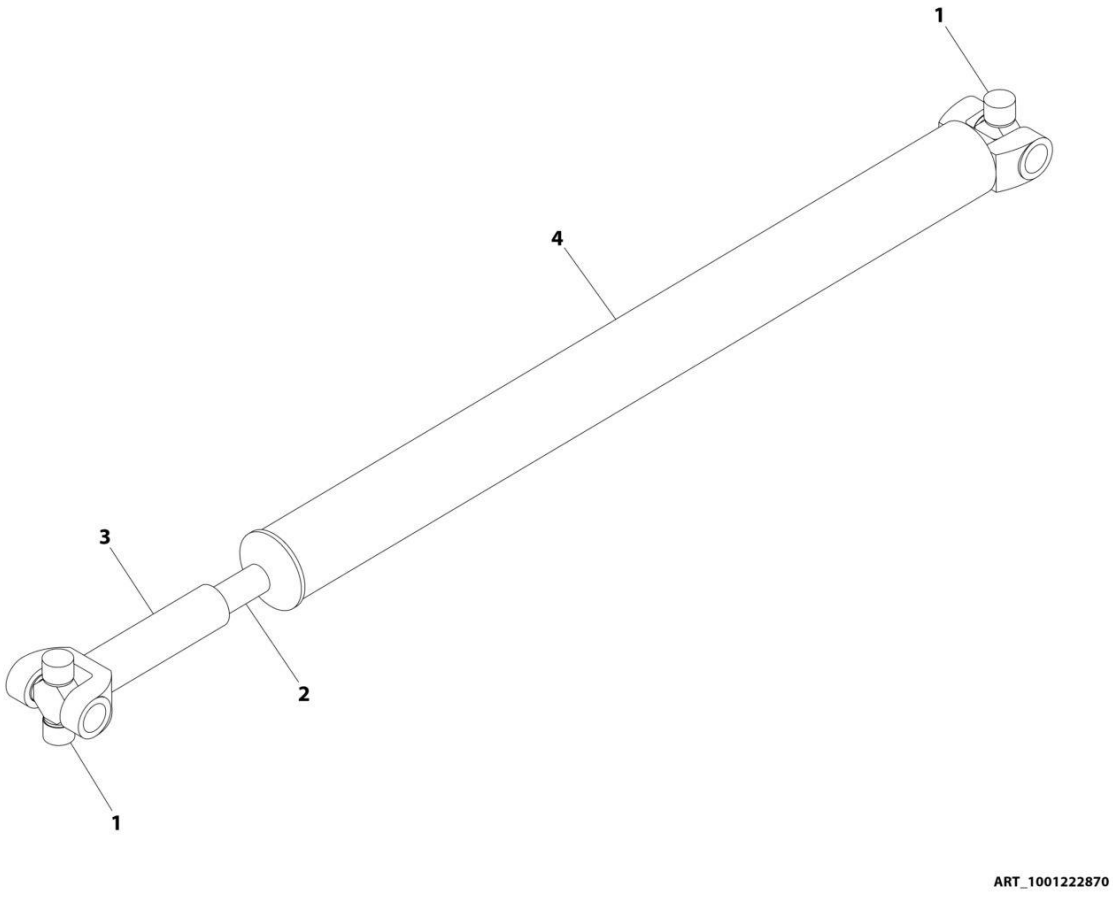


FIGURE 5-19. DRIVE SHAFT ASSEMBLY (FRONT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222870	Ref	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 5-20. DRIVE SHAFT ASSEMBLY (REAR)

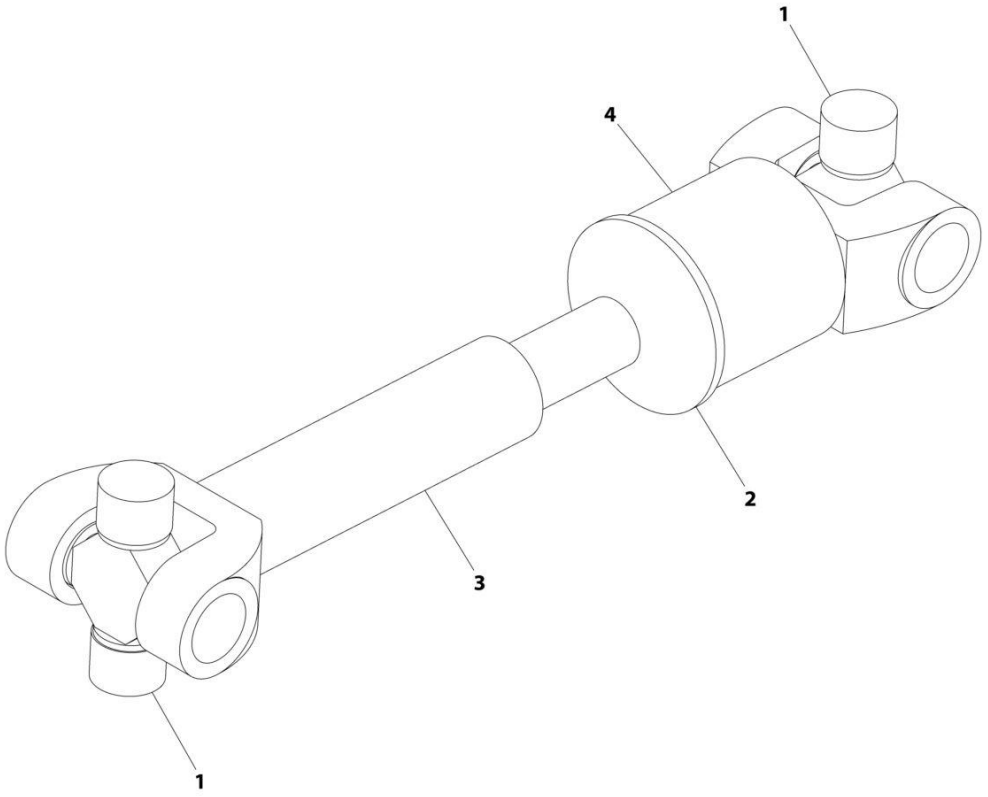


FIGURE 5-20. DRIVE SHAFT ASSEMBLY (REAR)

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 (110HP)

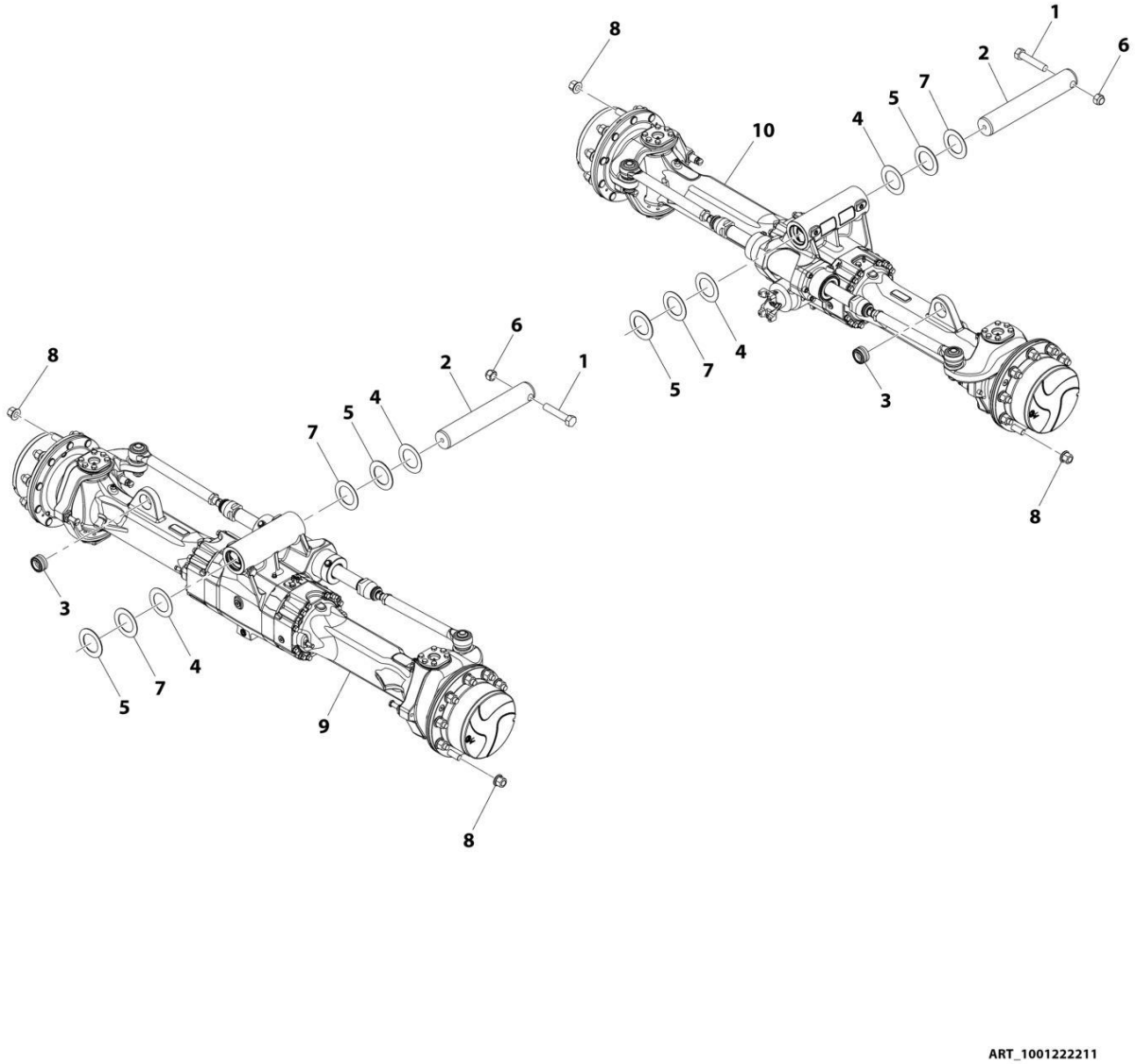


FIGURE 5-21. AXLE INSTALLATION (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222211	Ref	Axle Installation (110HP)	D
1	0642640	2	Bolt, 1X5	
2	3423254	2	Axle Pivot Pin,	
3	8050001	2	Bearing	
4	1001245213	4	Shim Axle, 0.060	
5	1001245215	4	Shim Axle, 0.120	
6	8310116	2	Hex Locknut, 1-8	
7	1001245214	4	Shim Axle, 0.090	
8	91403193	40	Lug Nut, M22X1-1/2	
9	1001220490	1	Front Axle (See Separate Breakdown in this Section)	
10	1001220491	1	Rear Axle (See Separate Breakdown in this Section)	

FIGURE 5-22. AXLE INSTALLATION (74HP)

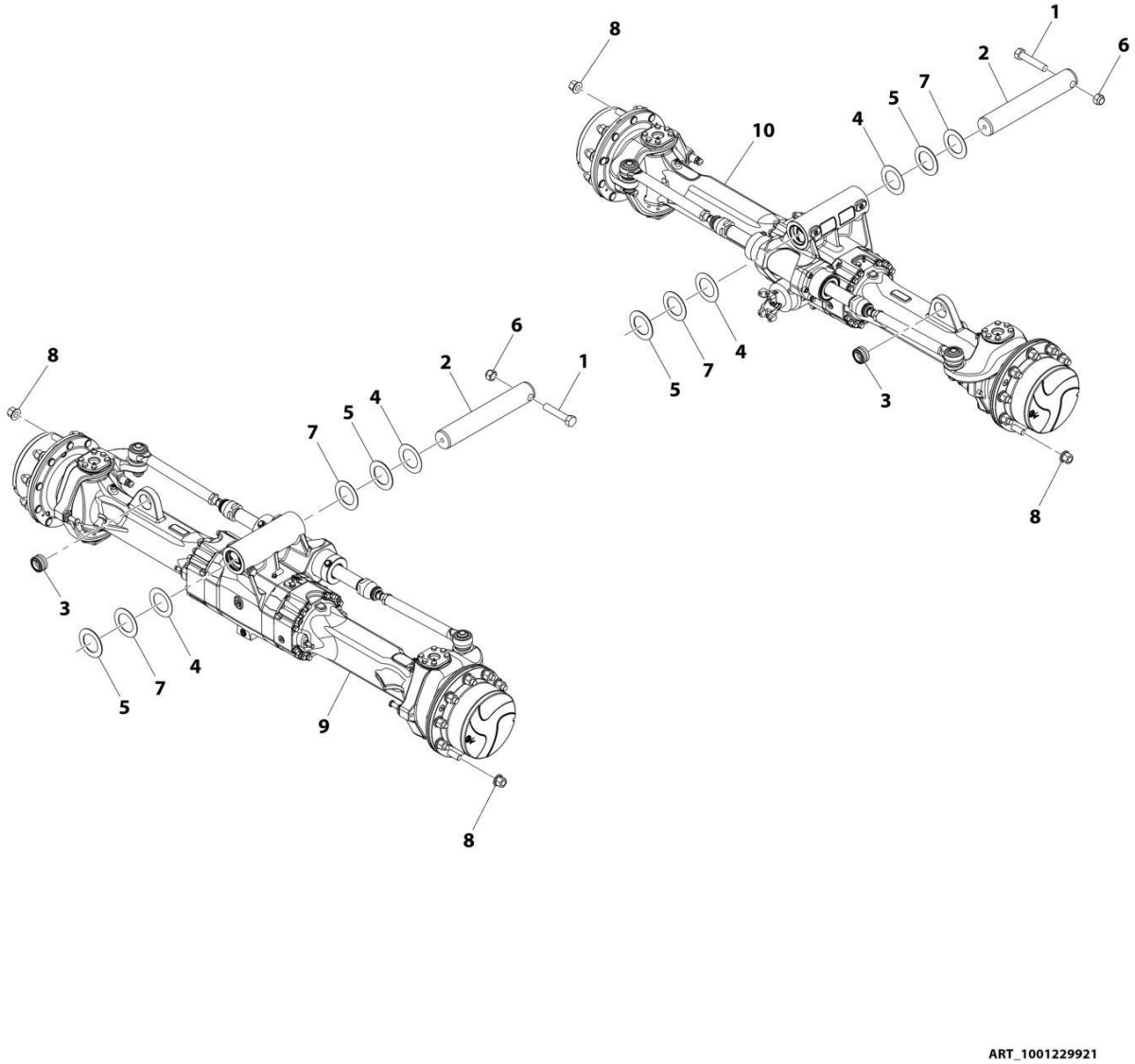
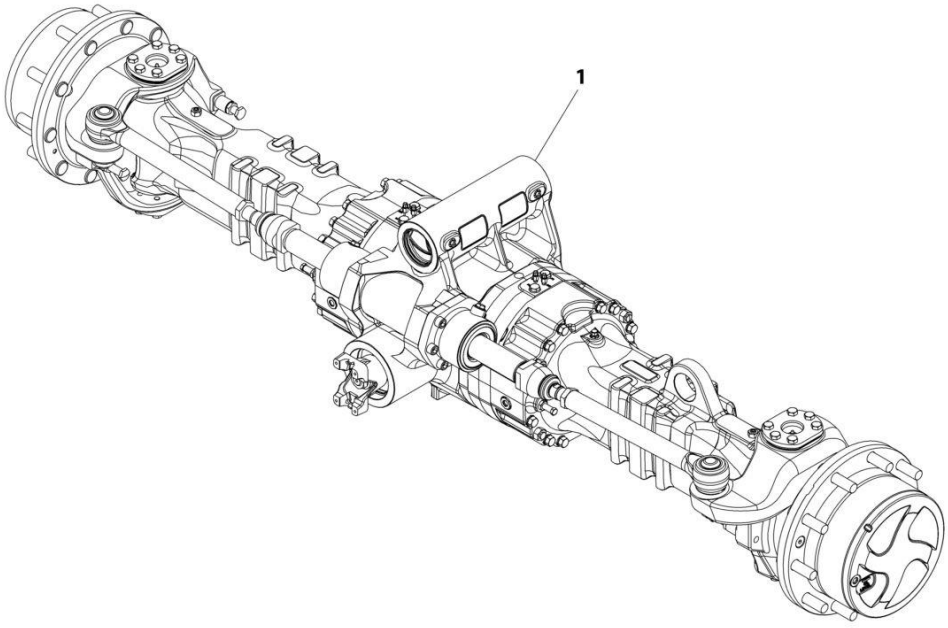


FIGURE 5-22. AXLE INSTALLATION (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229921	Ref	Axle Installation, 74HP	C
1	0642640	2	Bolt, 1X5	
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 1	
7	1001245215	AR	Washer, Shim 0.12	
8	91403193	40	Nut, Lug M22X1-1/2	
	1005798200	1	Installation, Front Axle, 74HP - 10042/10054 (See Separate Breakdown in this Section)	
	1005798300	1	Installation, Rear Axle, 74HP - 10042/10054 (See Separate Breakdown in this Section)	

FIGURE 5-23. FRONT AXLE INSTALLATION (74HP)



ART_1005798200_E

FIGURE 5-23. FRONT AXLE INSTALLATION (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1005798200	Ref	Front Axle	E
		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 5-24. FRONT AXLE - CENTRAL HOUSING (74HP)

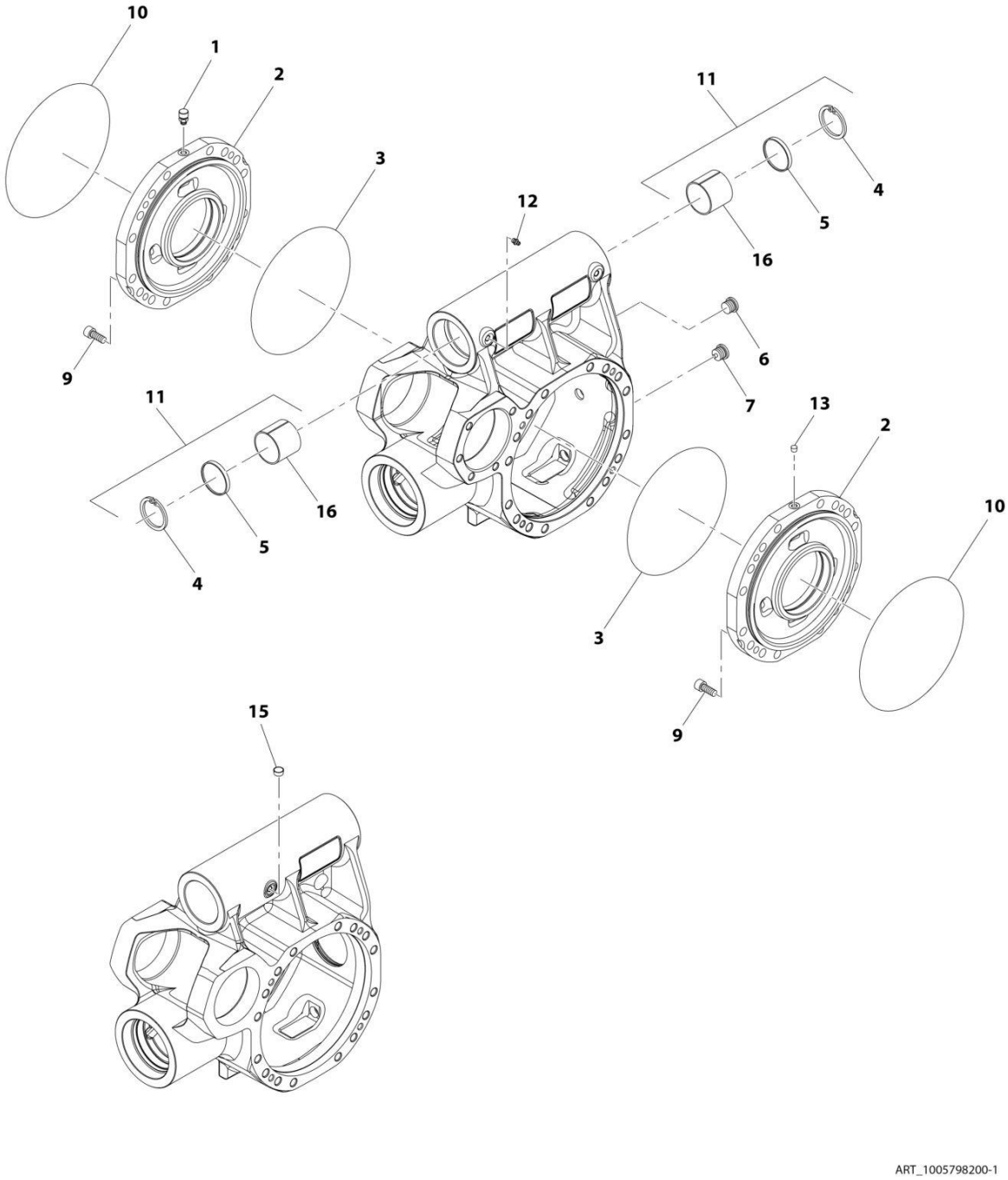


FIGURE 5-24. FRONT AXLE - CENTRAL HOUSING (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005798200	Ref	FRONT AXLE, CENTRAL HOUSING	E
1	91474512	1	Vent	
2	7029288	2	Intermediate Cover	
3	80204002	2	O-Ring	
4	70028939	2	Ring	
5	70028974	2	Seal	
6	70028389	1	Plug	
7	70028388	1	Plug	
9	91514101	8	Bolt	
10	91514089	2	O-Ring	
11	70029482	1	Housing	
12	70024881	2	Grease Fitting	
13	80204012	1	Plug	
15	70028938	1	Plug	
16	70028886	2	Thrust Bushing	

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

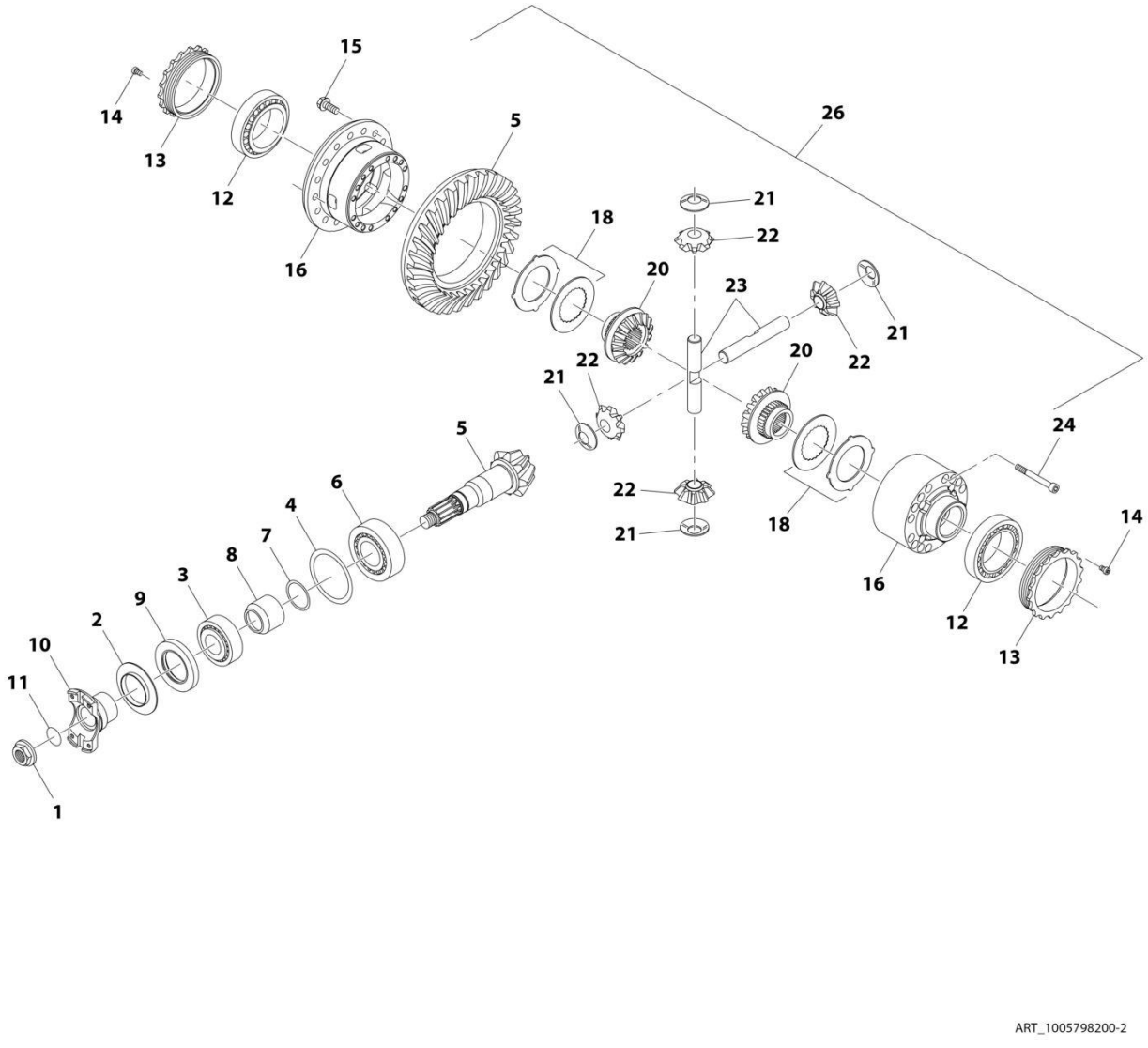


FIGURE 5-25. FRONT AXLE - DIFFERENTIAL (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005798200	Ref	FRONT AXLE, DIFFERENTIAL	E
1	80204043	1	Nut	
2	91514130	1	Cover Plate	
3	80204048	1	Taper Roller Bearing	
4	70029483	1	Shim Kit	
5	70028391	1	Bevel Gear Set	
6	80204035	1	Taper Roller Bearing	
7	70023494	1	Ring	
8	70022140	1	Spacer	
9	70025887	1	Seal	
10	91514131	1	Flange	
11	10725554	1	O-Ring	
12	80204033	2	Taper Roller Bearing	
13	91514133	2	Ring Nut	
14	91514134	2	Bolt	
15	70025562	16	Bolt	
16	70024004	1	Differential Carrier	
18	70026750	2	Clutch Disc	
20	70025856	2	Gear, Differential Side	
21	70027105	4	Friction Washer	
22	70025339	4	Differential Pinion	
23	70023490	2	Differential Shaft	
24	91514143	15	Bolt	
26	70028390	1	Differential	

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

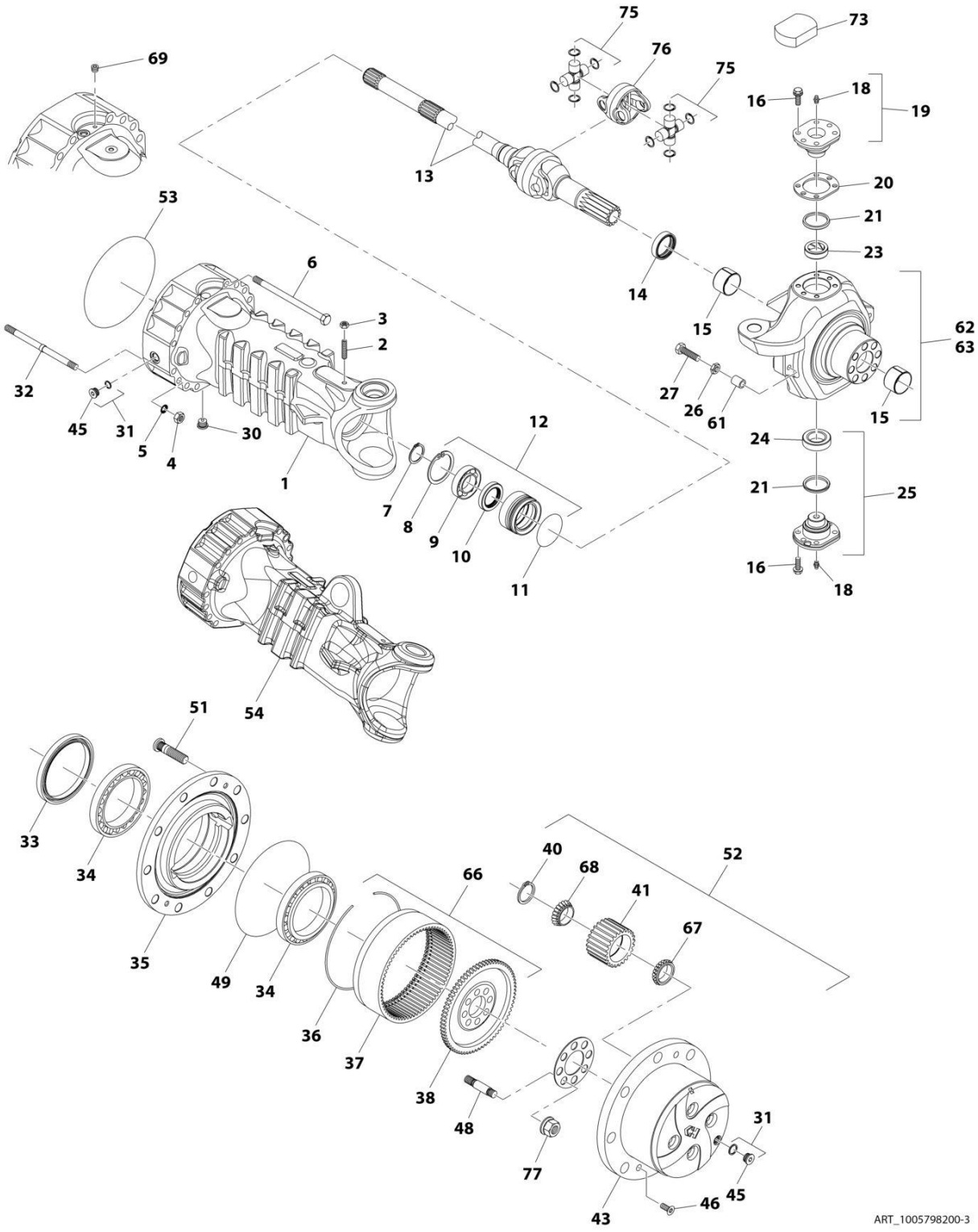


FIGURE 5-26. FRONT AXLE - HUB REDUCTION (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005798200	Ref	FRONT AXLE, HUB REDUCTION	E
1	70029484	1	Axle Case	
2	91514081	2	Bolt	
3	91514082	2	Nut	
4	91514083	8	Nut	
5	91514084	8	Washer	
6	7029309	24	Bolt	
7	80204071	2	Circlip	
8	80204005	2	Circlip	
9	91514146	2	Bearing, Ball	
10	91514147	2	Seal	
11	91514148	2	O-Ring	
12	91514149	2	Reduction Bushing	
13	70026066	2	Double Universal Joint	
14	70025857	2	Seal	
15	91514111	2	Thrust Bushing	
16	70025562	24	Bolt	
18	70024881	4	Grease Fitting	
19	70028890	2	Pivot Pin	
20	70025561	1	Shim Kit	
21	7028716	4	Dust Seal	
23	7028714	2	Bushing	
24	91514095	2	Bearing	
25	70028891	2	Pivot Pin	
26	80204065	4	Nut	
27	70028975	4	Bolt	
30	70028388	2	Plug	
31	91514188	2	Plug	
32	70024851	8	Stud	
33	70026002	2	Seal	
34	80204076	4	Tapered Roller Bearing	
35	91514174	2	Wheel Hub	
36	91514175	2	Circlip	
37	70024147	2	Ring Gear	
38	91514177	2	Ring Gear Support	
40	70028926	8	Snap Ring	
41	70028924	8	Planet Gear	
43	70029486	2	Planet Gear Carrier	
45	70028389	2	Plug	
46	91514189	4	Bolt, Countersunk	
48	91514180	16	Stud	
49	91514181	2	O-Ring	
51	91514183	20	Wheel Stud	
52	70029454	2	Planet Gear Carrier Assembly	
53	91514089	2	O-Ring	
54	70029544	1	Axle Case	
61	7029311	4	Spacer	
62	70029488	1	Steering Case Assembly (LF)	
63	70029489	1	Steering Case Assembly (RF)	
66	70024146	2	Ring Gear Support Kit	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
67	70028923	8	Tapered Roller Bearing	
68	70028922	8	Tapered Roller Bearing	
69	80204012	2	Plug	
73	70028392	2	Cover	
75	70023829	2	Joint Cross	
76	70023116	1	Center Body	
77	70029545	16	Nut	

FIGURE 5-27. FRONT AXLE - BRAKES (74HP)

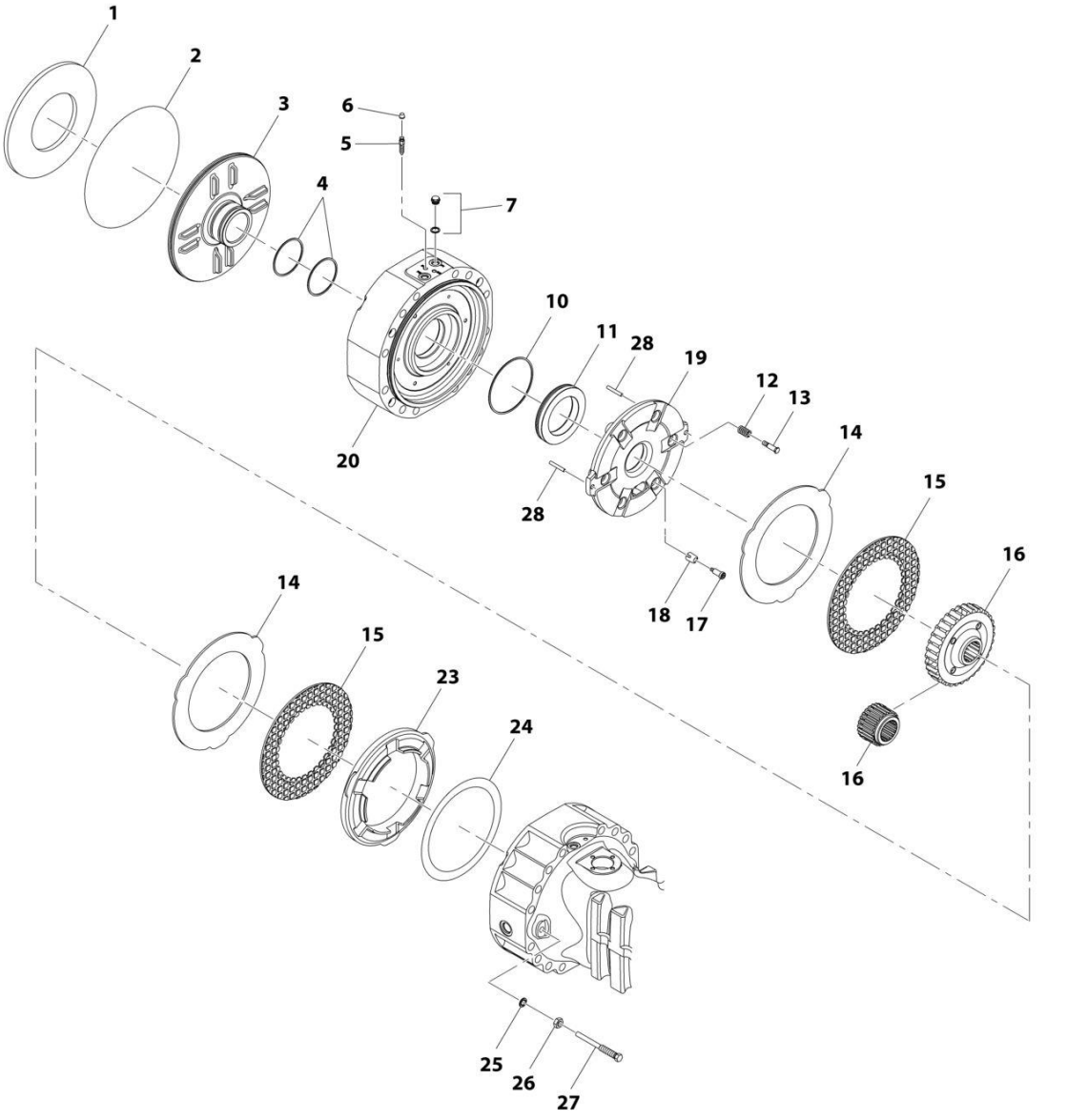


FIGURE 5-27. FRONT AXLE - BRAKES (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005798200	Ref	FRONT AXLE, BRAKES	E
1	91514151	2	Belleville Washer	
2	91514089	2	O-Ring	
3	70027092	2	Piston	
4	70026262	4	Seal	
5	80204281	4	Bleeding Bolt	
6	80204117	4	Plug	
7	91514154	4	Bolt	
10	70026263	2	Seal	
11	70027796	2	Piston	
12	91514159	6	Spring	
13	70024210	6	Adjusting Bolt	
14	70027022	6	Intermediate Brake Disc	
15	7029735	6	Brake Disc	
16	7029734	2	Reduction Bushing	
17	7029787	6	Adjusting Bolt	
18	70027317	6	Spring	
19	70024849	2	Disc, Intermediate Brake	
20	70024848	2	Cover	
23	70026264	2	Spacer	
24	70025970	1	Shim	
25	80204108	4	Lockwasher	
26	80204060	4	Nut	
27	70024213	4	Bolt, M22 x 245/2	
28	70024215	4	Dowel	

FIGURE 5-28. FRONT AXLE - STEERING (74HP)

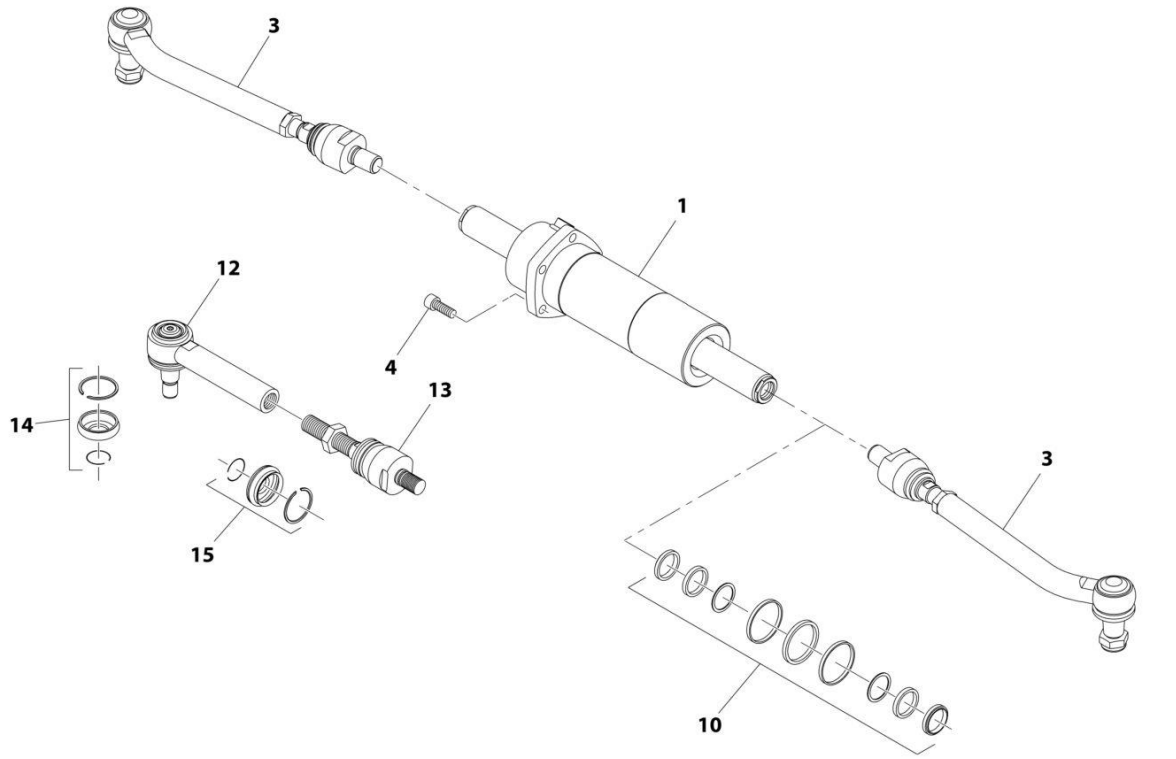


FIGURE 5-28. FRONT AXLE - STEERING (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005798200	Ref	FRONT AXLE, STEERING	E
1	70028947	1	Cylinder	
3	70028948	2	Tie Rod	
4	80204144	5	Cylinder Bolt	
10	7029127	1	Seal Kit	
12	70028949	1	Joint, 90	
13	70028950	1	Axial Joint Shaft	
14	70028951	1	Rubber Boot and Locking Ring Kit	
15	70028952	1	Rubber Boot and Locking Ring Kit	

FIGURE 5-29. REAR AXLE INSTALLATION (74HP)

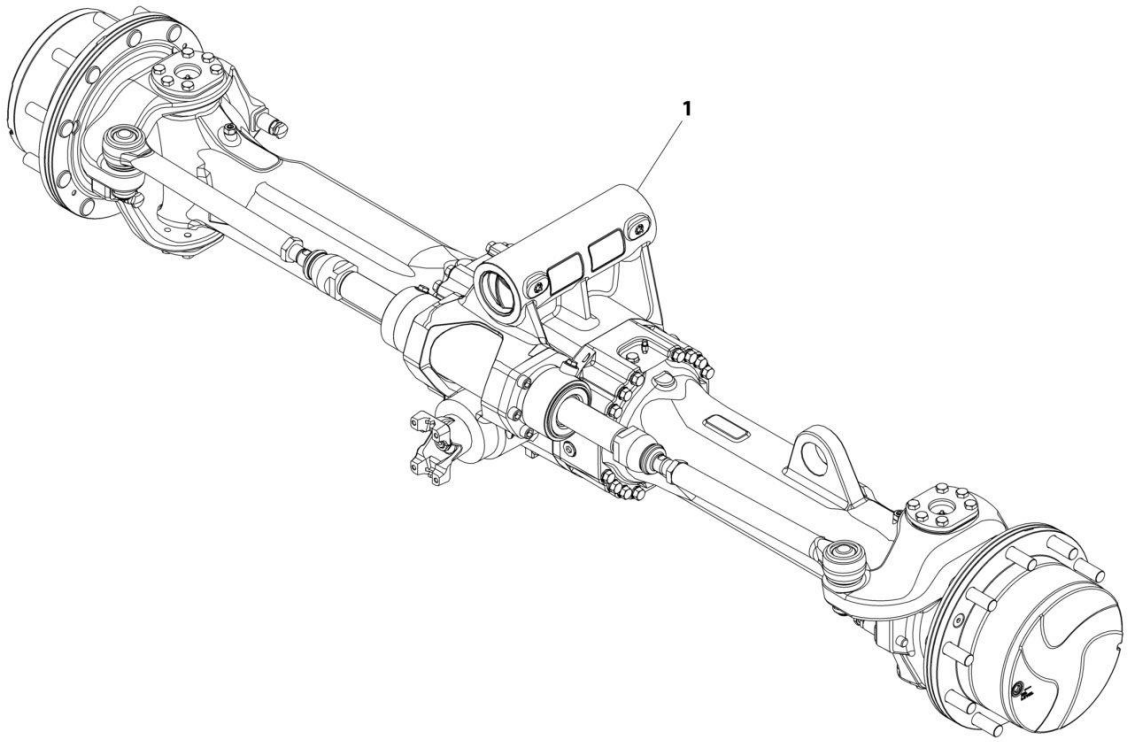


FIGURE 5-29. REAR AXLE INSTALLATION (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005798300	Ref	Rear Axle Installation	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 5-30. REAR AXLE - CENTRAL HOUSING (74HP)

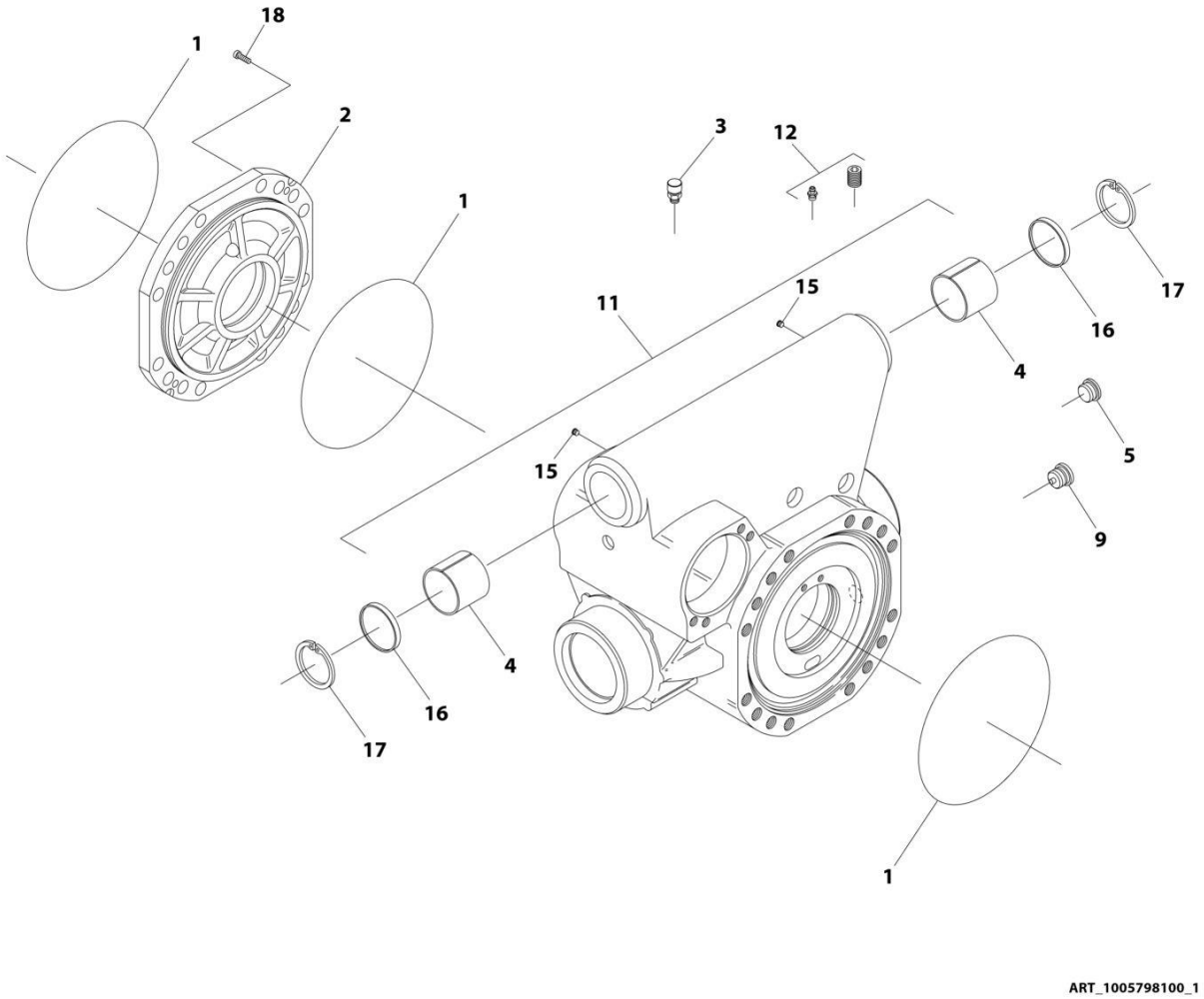
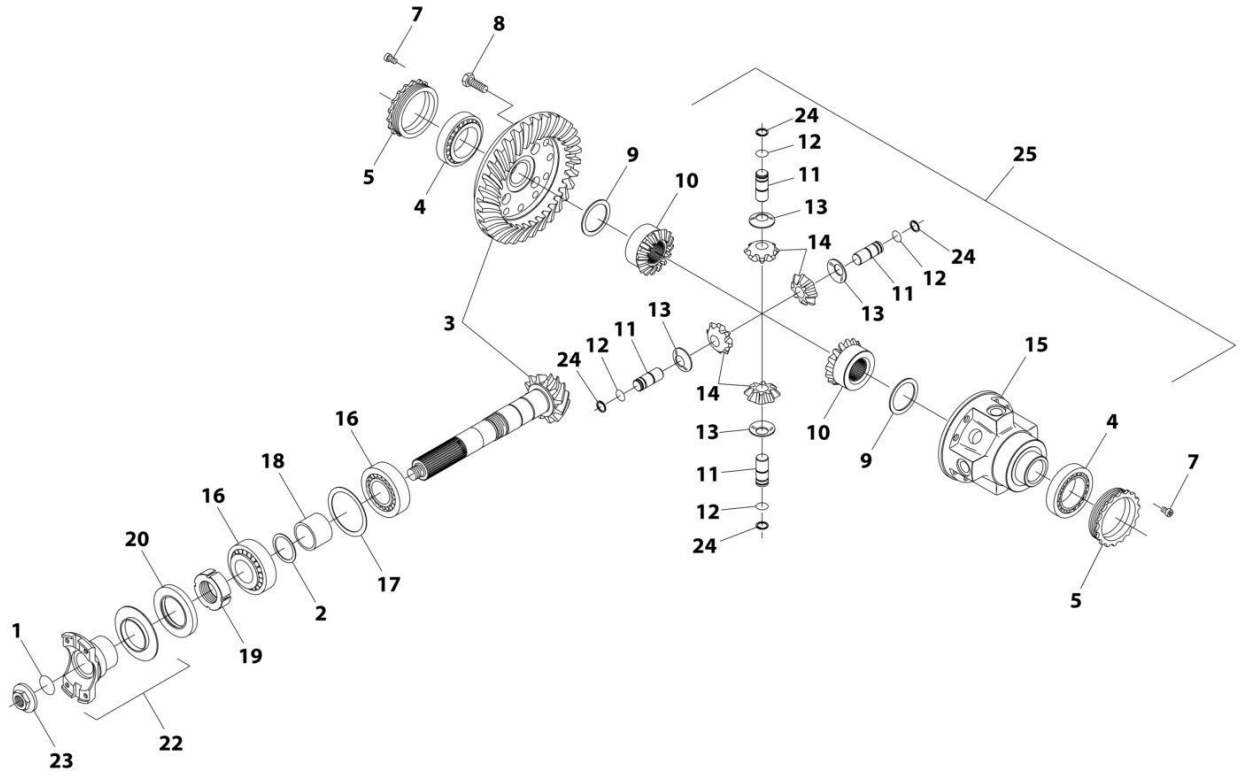


FIGURE 5-30. REAR AXLE - CENTRAL HOUSING (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005798300	Ref	REAR AXLE, CENTRAL HOUSING	D
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	
18	91474591	4	Bolt	

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



ART_1005798300_2

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005798300	Ref	REAR AXLE, DIFFERENTIAL	D
1	91474529	1	O-Ring	
2	70025556	1	Shim Kit	
3	70026139	1	Bevel Gear Set	
4	70028471	2	Bearing, Taper Roller	
5	91474547	2	Nut, Ring	
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)

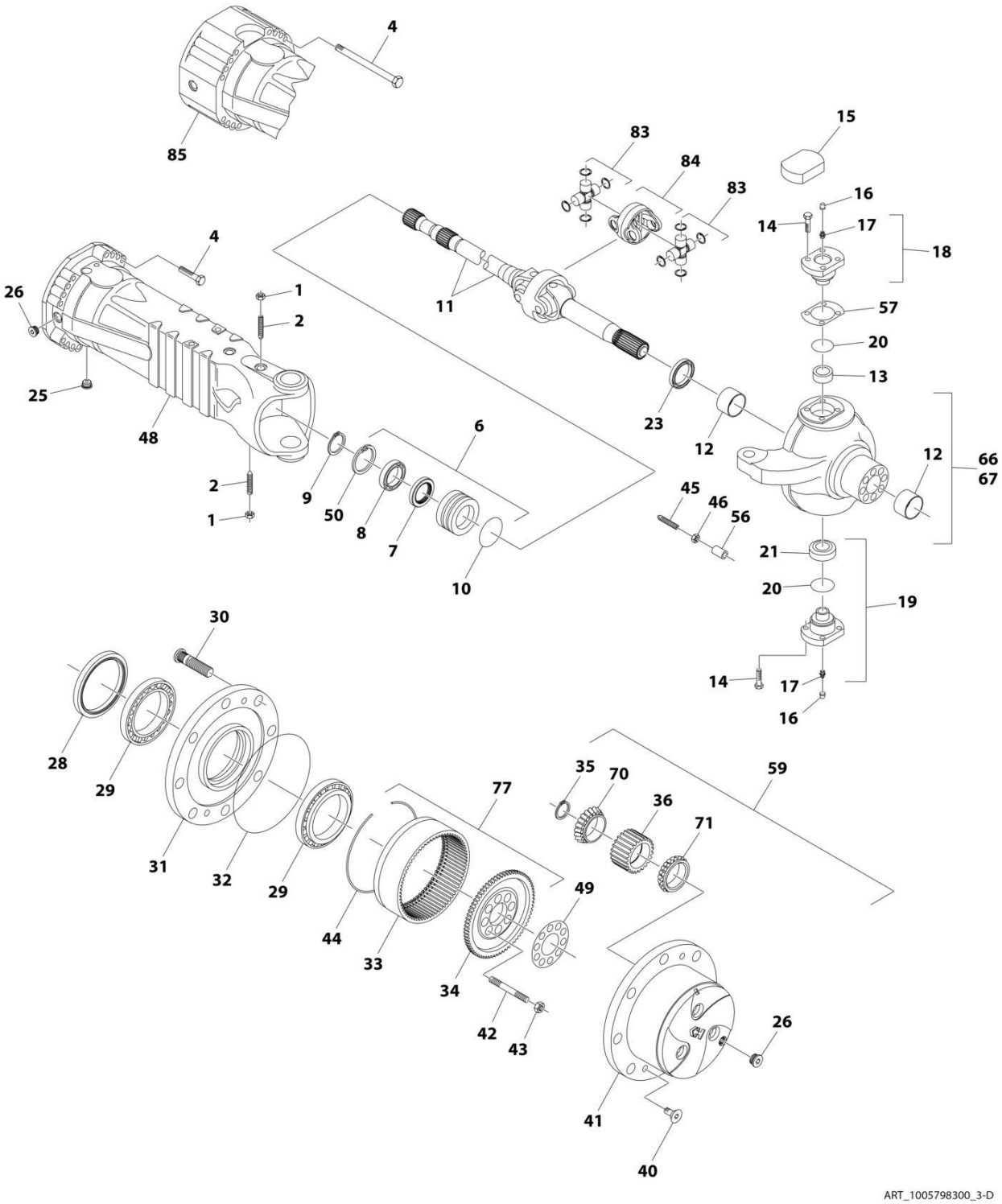


FIGURE 5-32. REAR AXLE - HUB REDUCTION (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005798300	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	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	70029546	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 (Use Item 59)	
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	
66	70029471	1	Steering Case (LR)	
67	70029472	1	Steering Case (RR)	
70	7028731	6	Bearing	
71	7028732	NLA	Bearing (Use/Order both PN 70031458 & 70031459 as Replacement)	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
71	70031458	6	Bearing	
71	70031459	6	Bearing	
77	70029547	1	Gear Ring Kit	
83	70028943	2	Cross Joint	
84	70028944	1	Center Section Joint	
85	70028977	1	Case, Axle	

FIGURE 5-33. REAR AXLE - BRAKES (74HP)

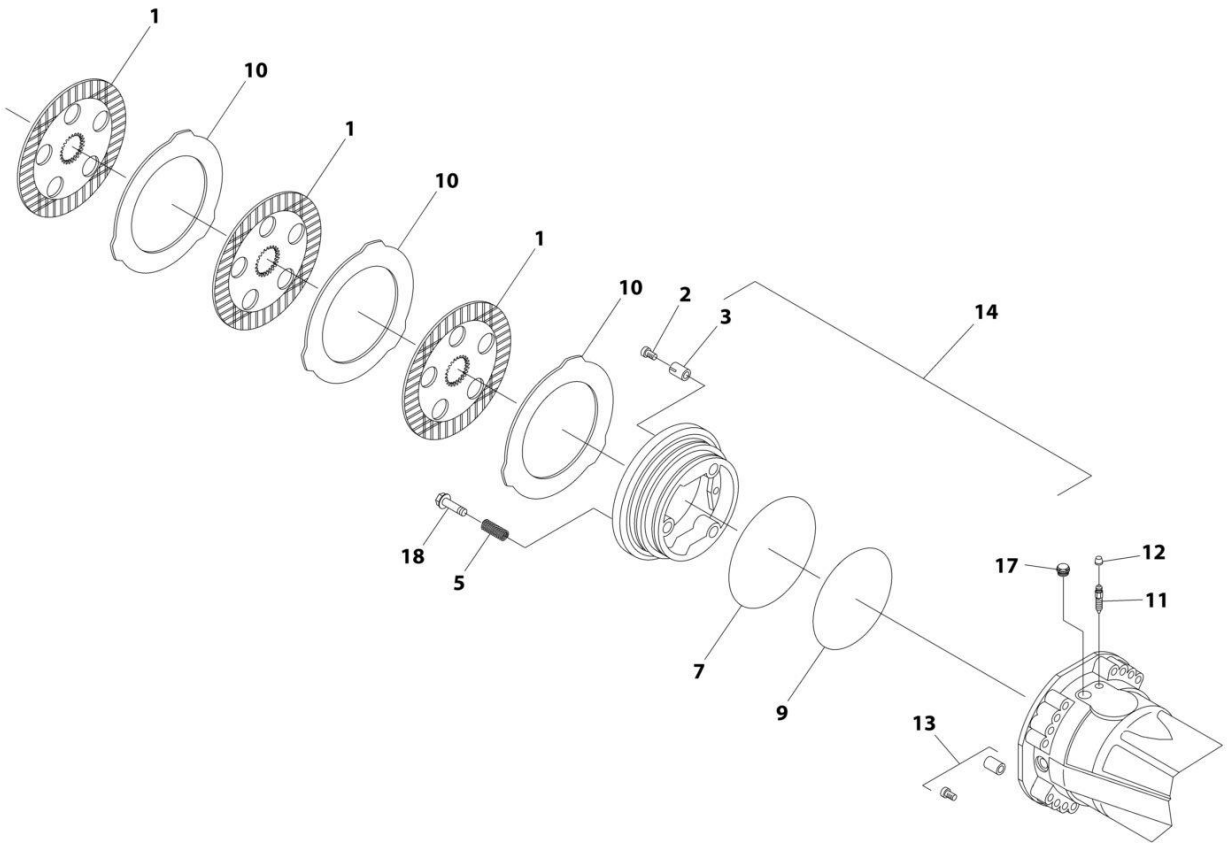


FIGURE 5-33. REAR AXLE - BRAKES (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005798300	Ref	REAR AXLES, BRAKES	D
1	91474568	8	Disc	
2	7029786	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	70027772	2	Piston	
17	91514154	2	Bolt	
18	70024210	6	Bolt	

FIGURE 5-34. REAR AXLE - STEERING (74HP)

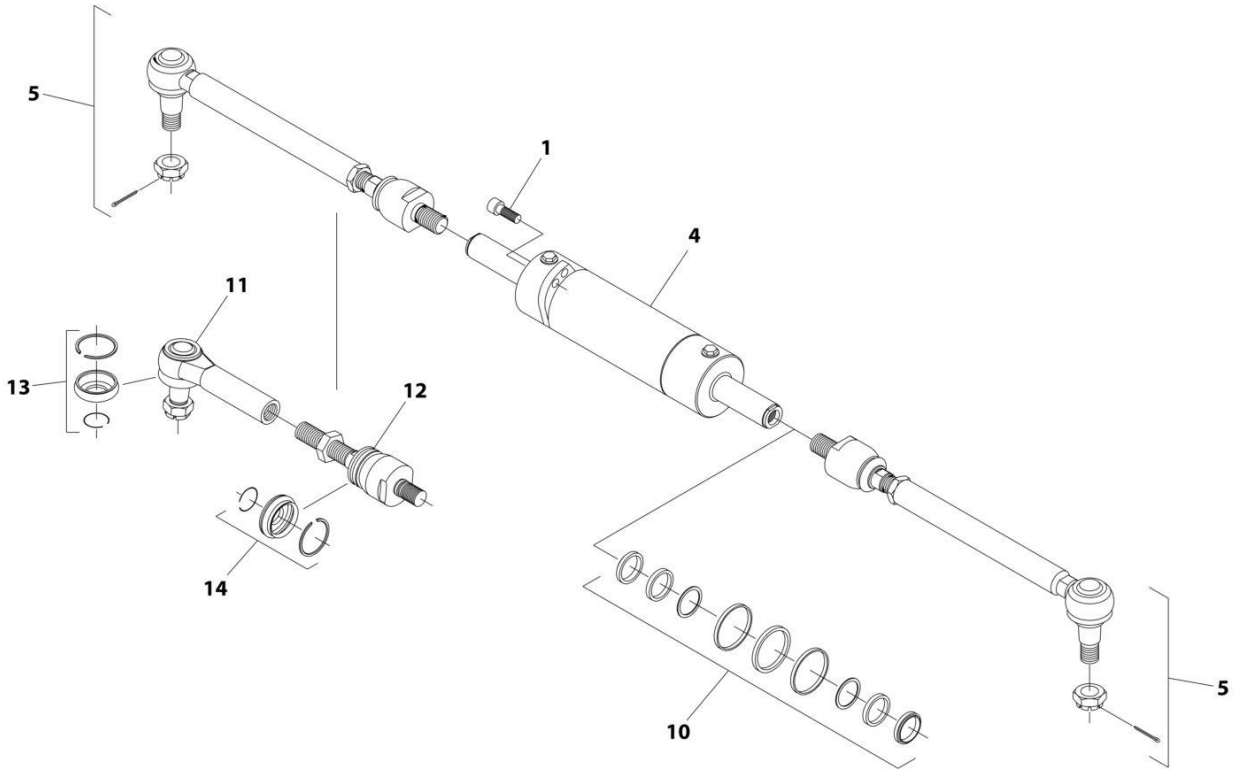
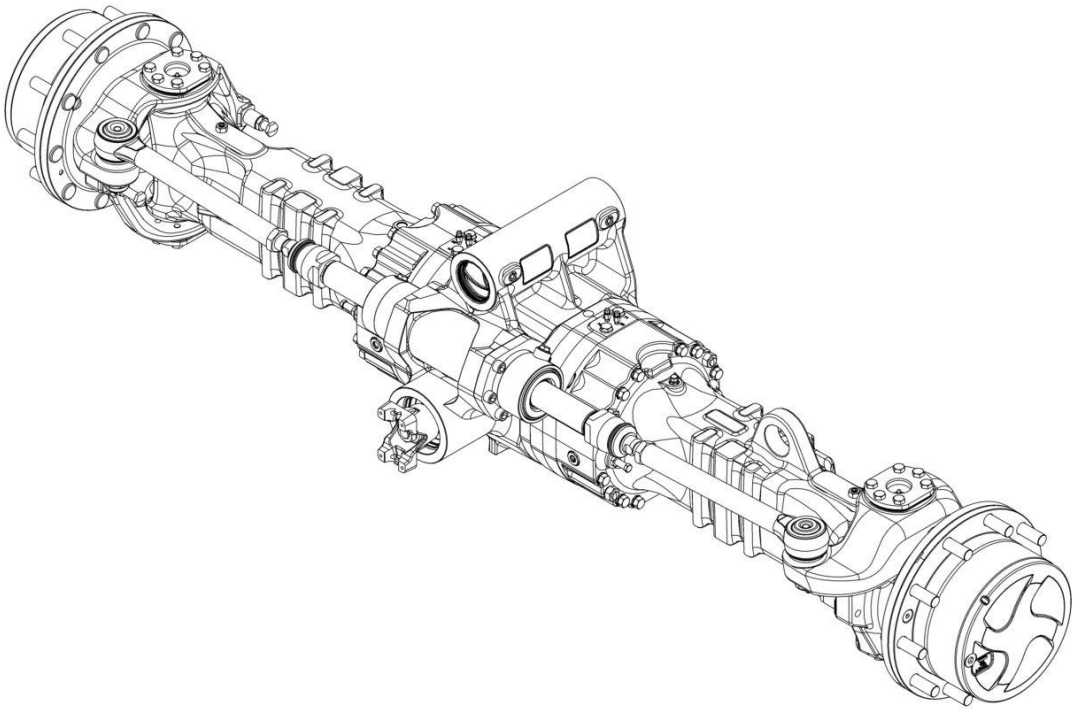


FIGURE 5-34. REAR AXLE - STEERING (74HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005798300	Ref	REAR AXLE, STEERING	D
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 5-35. FRONT AXLE INSTALLATION (110HP)



ART_1001220490

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220490	Ref	Front Axle	F
		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 - CENTRAL HOUSING (110HP)

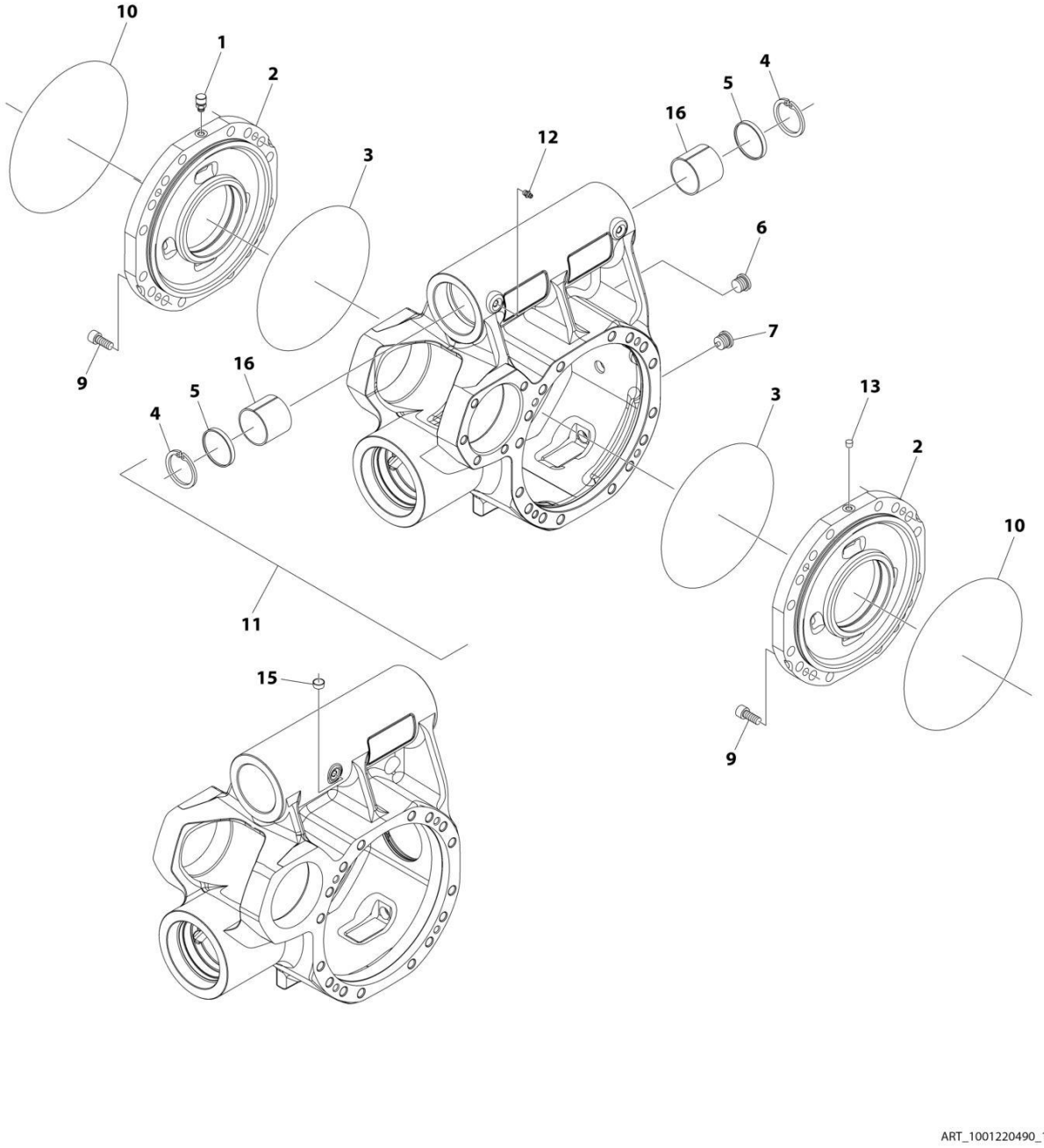


FIGURE 5-36. FRONT AXLE - CENTRAL HOUSING (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220490	Ref	FRONT AXLE, CENTRAL HOUSING	F
1	91474512	1	Vent	
2	7029288	2	Intermediate Cover	
3	80204002	2	O-Ring	
4	70028939	2	Ring	
5	70028974	2	Seal	
6	70028389	1	Plug	
7	70028388	1	Plug	
9	91514101	8	Bolt	
10	91514089	2	O-Ring	
11	70029482	1	Housing	
12	70024881	2	Grease Fitting	
13	80204012	1	Plug	
15	70028938	1	Plug	
16	70028886	2	Thrust Bushing	

FIGURE 5-37. FRONT AXLE - DIFFERENTIAL (110HP)

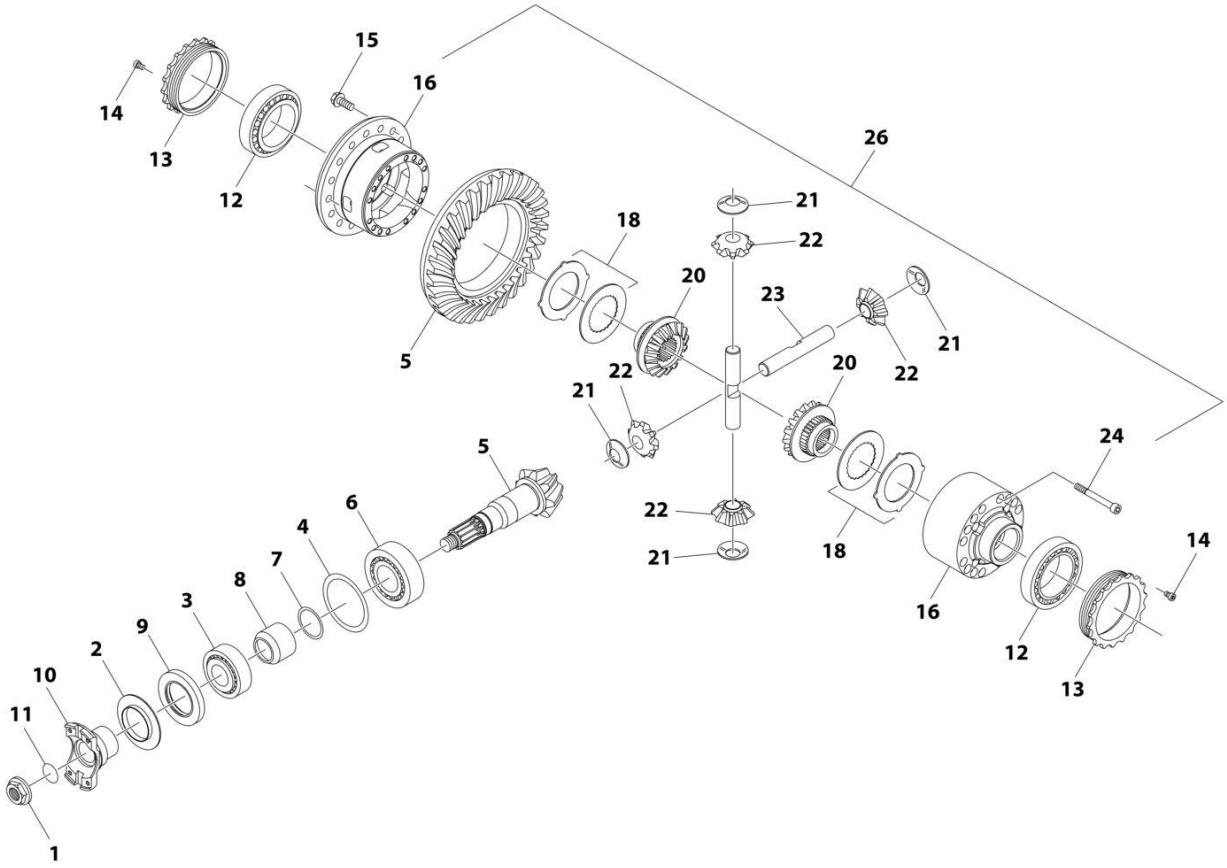


FIGURE 5-37. FRONT AXLE - DIFFERENTIAL (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220490	Ref	FRONT AXLE, DIFFERENTIAL	F
1	80204043	1	Nut	
2	91514130	1	Cover Plate	
3	80204048	1	Taper Roller Bearing	
4	70029483	1	Shim Kit	
5	70026255	1	Bevel Gear Set	
6	80204035	1	Taper Roller Bearing	
7	70023494	1	Ring	
8	70022140	1	Spacer	
9	70025887	1	Seal	
10	91514131	1	Flange	
11	10725554	1	O-Ring	
12	80204033	2	Taper Roller Bearing	
13	91514133	2	Ring Nut	
14	91514134	2	Bolt	
15	70025562	16	Bolt	
16	70024004	1	Differential Carrier	
18	70026750	2	Clutch Disc	
20	70025856	2	Gear, Differential Side	
21	70027105	4	Friction Washer	
22	70025339	4	Differential Pinion	
23	70023490	2	Differential Shaft	
24	91514143	15	Bolt	
26	70028390	1	Differential	

FIGURE 5-38. FRONT AXLE - HUB REDUCTION (110HP)

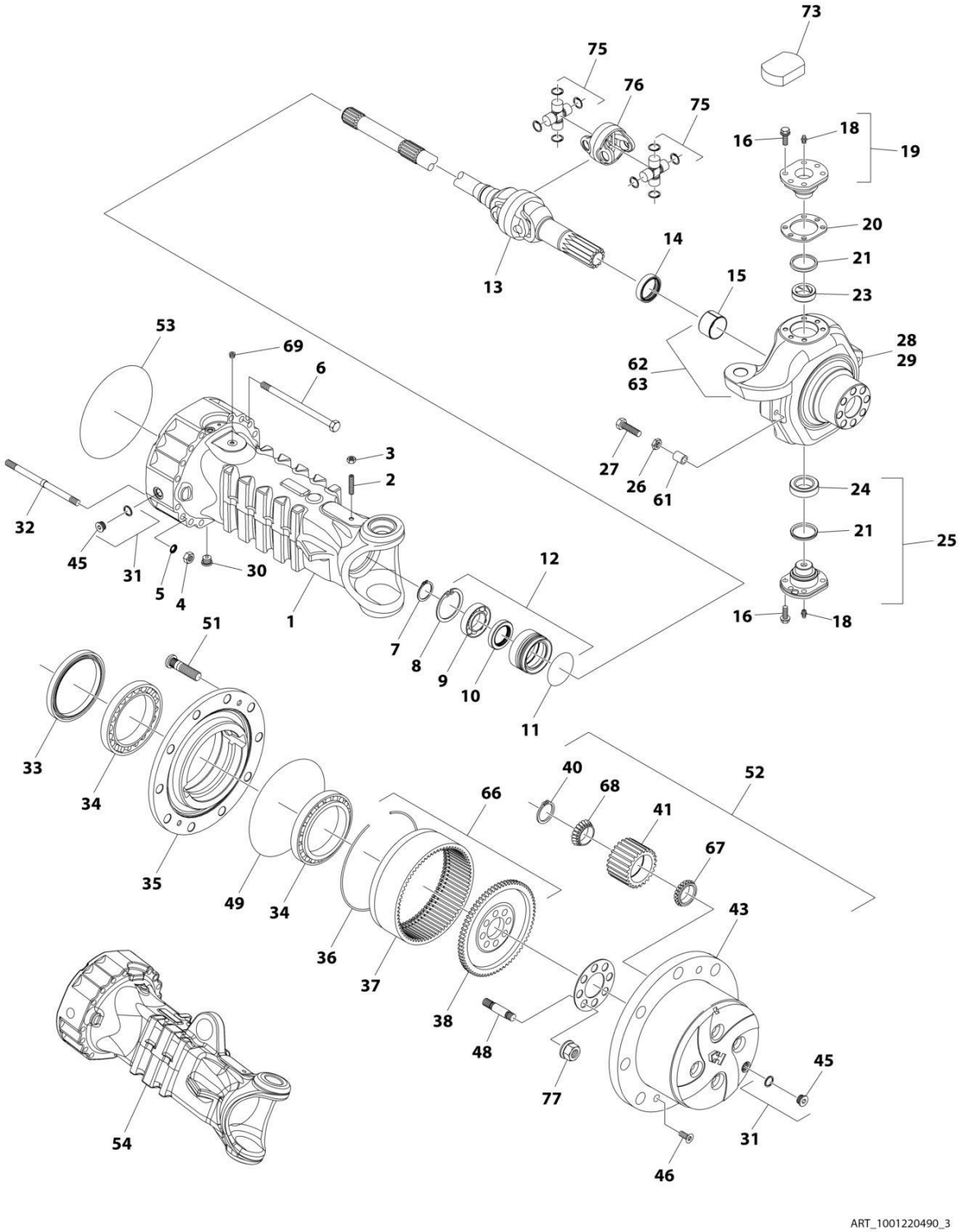


FIGURE 5-38. FRONT AXLE - HUB REDUCTION (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220490	Ref	FRONT AXLE, HUB REDUCTION	F
1	70029484	1	Axle Case	
2	91514081	2	Bolt	
3	91514082	2	Nut	
4	91514083	8	Nut	
5	91514084	8	Washer	
6	7029309	24	Bolt	
7	80204071	2	Circlip	
8	80204005	2	Circlip	
9	91514146	2	Ball Bearing	
10	91514147	2	Seal	
11	91514148	2	O-Ring	
12	91514149	2	Reduction Bushing	
13	70026066	2	Double Universal Joint	
14	70025857	2	Seal	
15	91514111	2	Thrust Bushing	
16	70025562	24	Bolt	
18	70024881	4	Grease Fitting	
19	70028890	2	Pivot Pin	
20	70025561	1	Shim Kit	
21	7028716	4	Dust Seal	
23	7028714	2	Bushing	
24	91514095	2	Bearing	
25	70028891	2	Pivot Pin	
26	80204065	4	Nut	
27	70028975	4	Bolt	
28	N.S.S.	1	Steering Case (RF, LR)	
29	N.S.S.	1	Steering Case (LF, RR)	
30	70028388	2	Plug	
31	91514188	2	Plug With Sealing Washer	
32	70024851	8	Stud	
33	70026002	2	Seal	
34	80204076	4	Tapered Roller Bearing	
35	91514174	2	Wheel Hub	
36	91514175	2	Circlip	
37	70024147	2	Ring Gear	
38	91514177	2	Ring Gear Support	
40	70028926	8	Snap Ring	
41	70028924	8	Differential Pinion	
43	70029486	2	Planet Gear Carrier	
45	70028389	2	Plug	
46	91514189	4	Bolt, Countersunk	
48	91514180	16	Stud	
49	91514181	2	O-Ring	
51	91514183	20	Wheel Stud	
52	70029454	2	Planet Gear Carrier Assembly	
53	91514089	2	O-Ring	
54	70028892	1	Axle Case	
61	7029311	4	Spacer	
62	70029489	1	Steering Case Assembly (RF, LR) (includes items 15 & 28)	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
63	70029488	1	Steering Case Assembly (LF, RR) (includes items 15 & 29)	
66	70024146	2	Ring Gear Support Kit (includes items 36 thru 38)	
67	70028923	8	Tapered Roller Bearing	
68	70028922	8	Tapered Roller Bearing	
69	80204012	2	Plug	
73	70028392	2	Cover	
75	70023829	2	Joint Cross	
76	70023116	1	Center Body	
77	70029545	16	Nut	

FIGURE 5-39. FRONT AXLE - BRAKES (110HP)

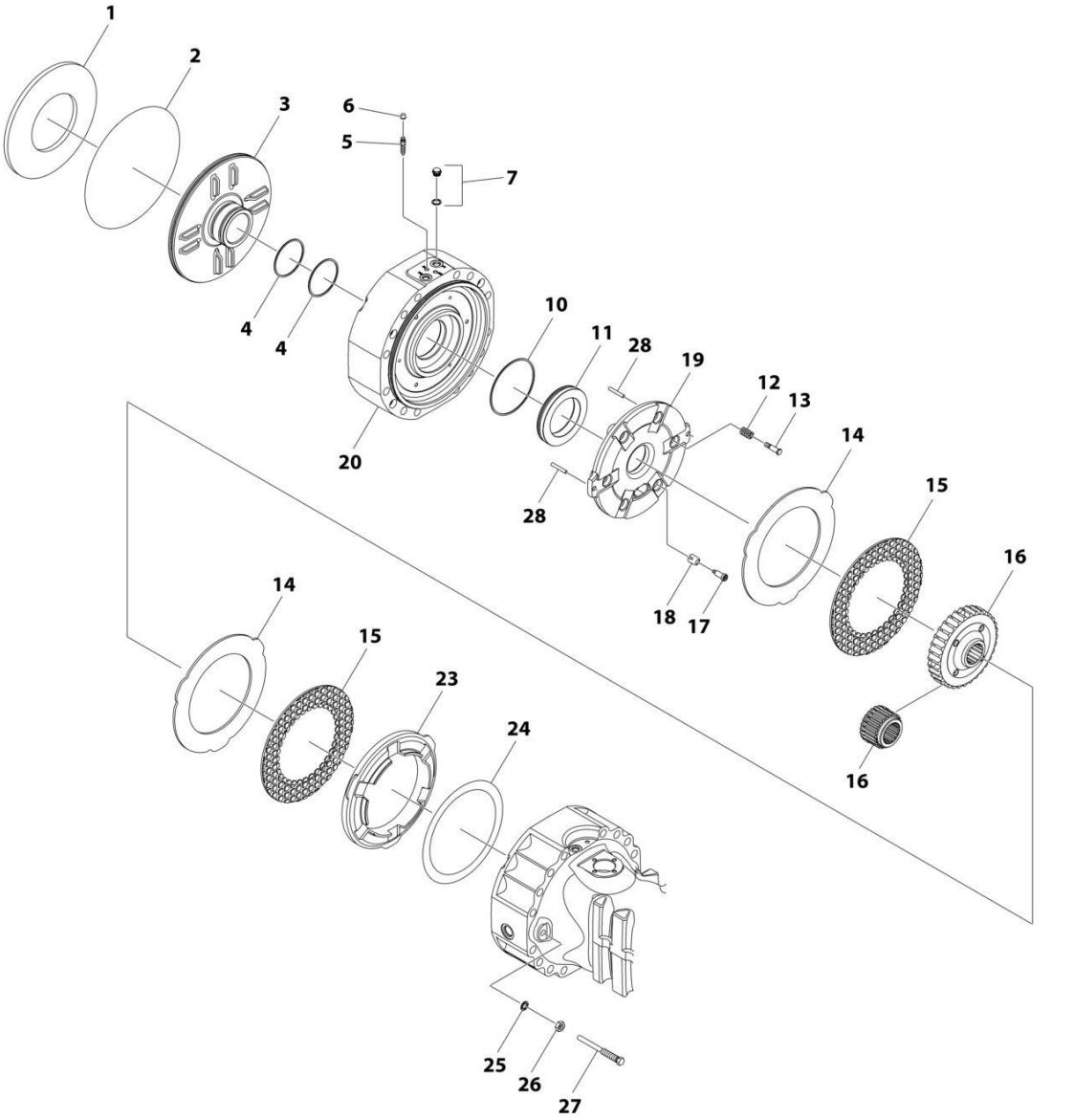


FIGURE 5-39. FRONT AXLE - BRAKES (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220490	Ref	FRONT AXLE, BRAKES	F
1	91514151	2	Belleville Washer	
2	91514089	2	O-Ring	
3	70027092	2	Piston	
4	70026262	4	Seal	
5	10725627	4	Bleeding Bolt	
6	80204117	4	Plug	
7	91514154	4	Plug With Seal	
10	70026263	2	O-Ring	
11	70027796	2	Piston	
12	91514159	6	Spring	
13	70024210	6	Adjusting Bolt	
14	70027022	6	Intermediate Brake Disc	
15	7029735	6	Brake Disc	
16	7029734	2	Reduction Bushing	
17	7029787	6	Adjusting Bolt	
18	70027317	6	Spring	
19	70024849	2	Disc, Intermediate Brake	
20	70024848	2	Cover	
23	70026264	2	Spacer	
24	70025970	1	Shim	
25	80204108	4	Lockwasher	
26	80204060	4	Nut	
27	70024213	4	Bolt	
28	70024215	4	Dowel	

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

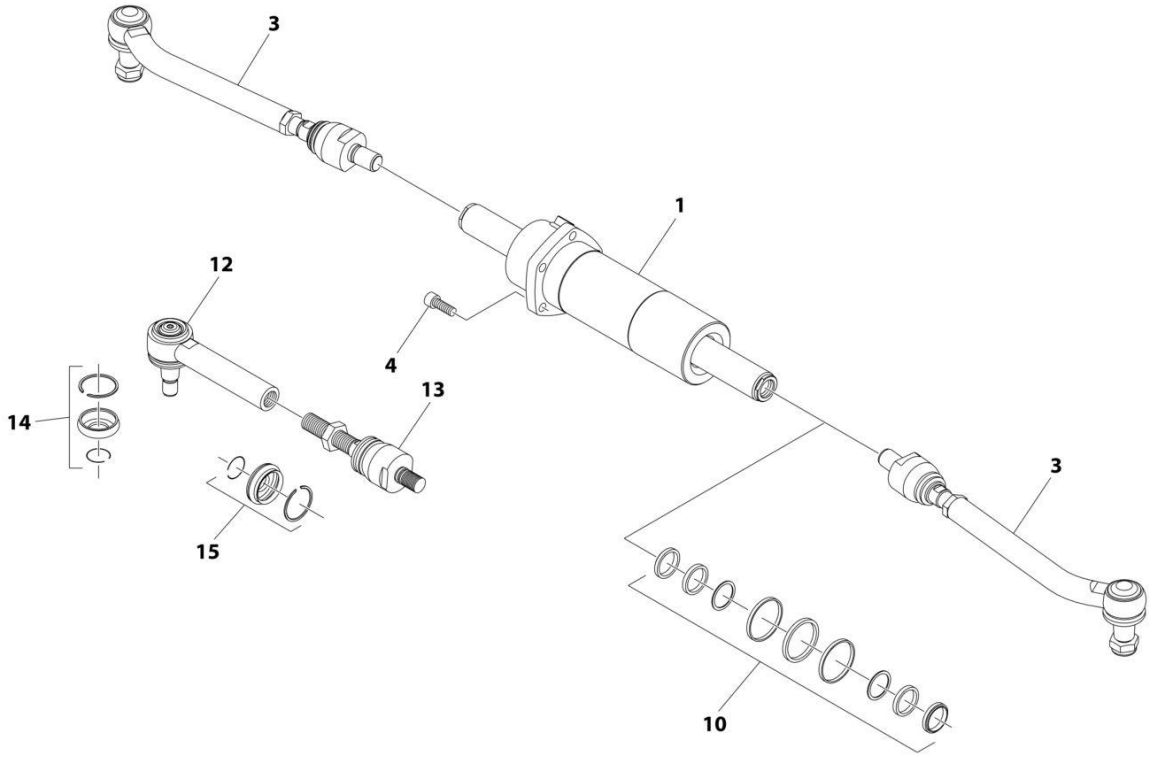
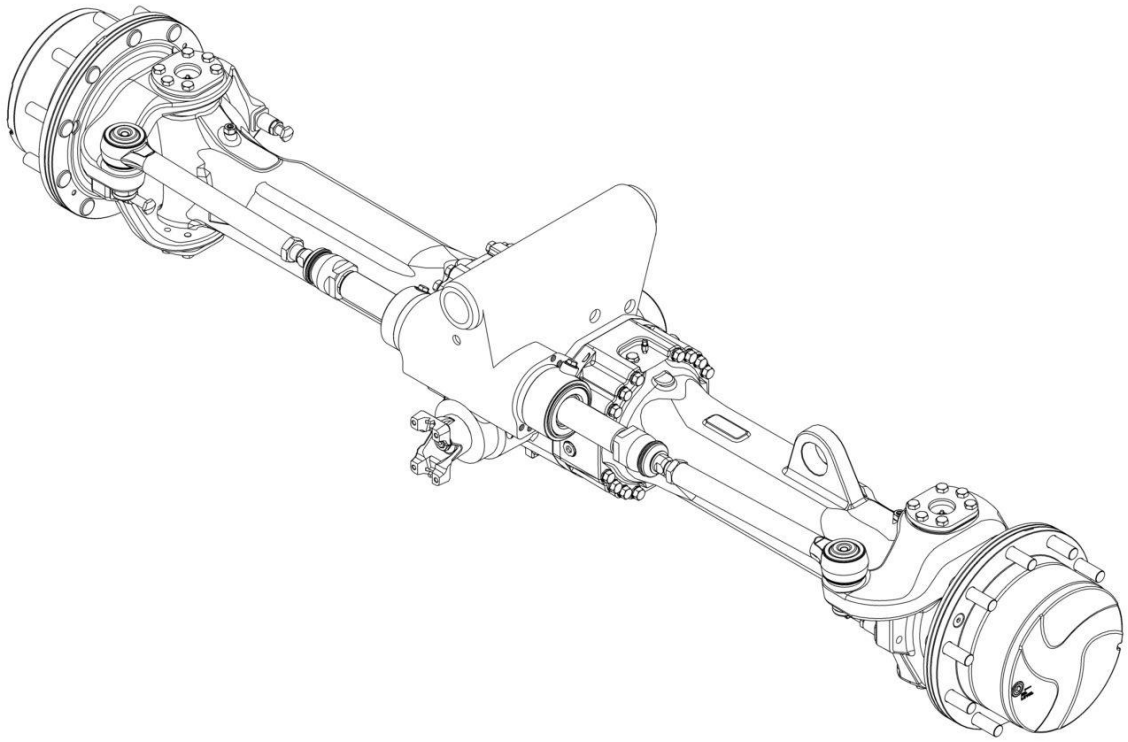


FIGURE 5-40. FRONT AXLE - STEERING (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220490	Ref	FRONT AXLE, STEERING	F
1	70028947	1	Cylinder	
3	70028948	2	Tie Rod	
4	80204144	5	Cylinder Bolt	
10	7029127	1	Seal Kit	
12	70028949	1	Joint, 90	
13	70028950	1	Axial Joint Shaft	
14	70028951	1	Rubber Boot and Locking Ring Kit	
15	70028952	1	Rubber Boot and Locking Ring Kit	

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



ART_1001220491

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220491	Ref	Rear Axle Installation	E
		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 - CENTRAL HOUSING (110HP)

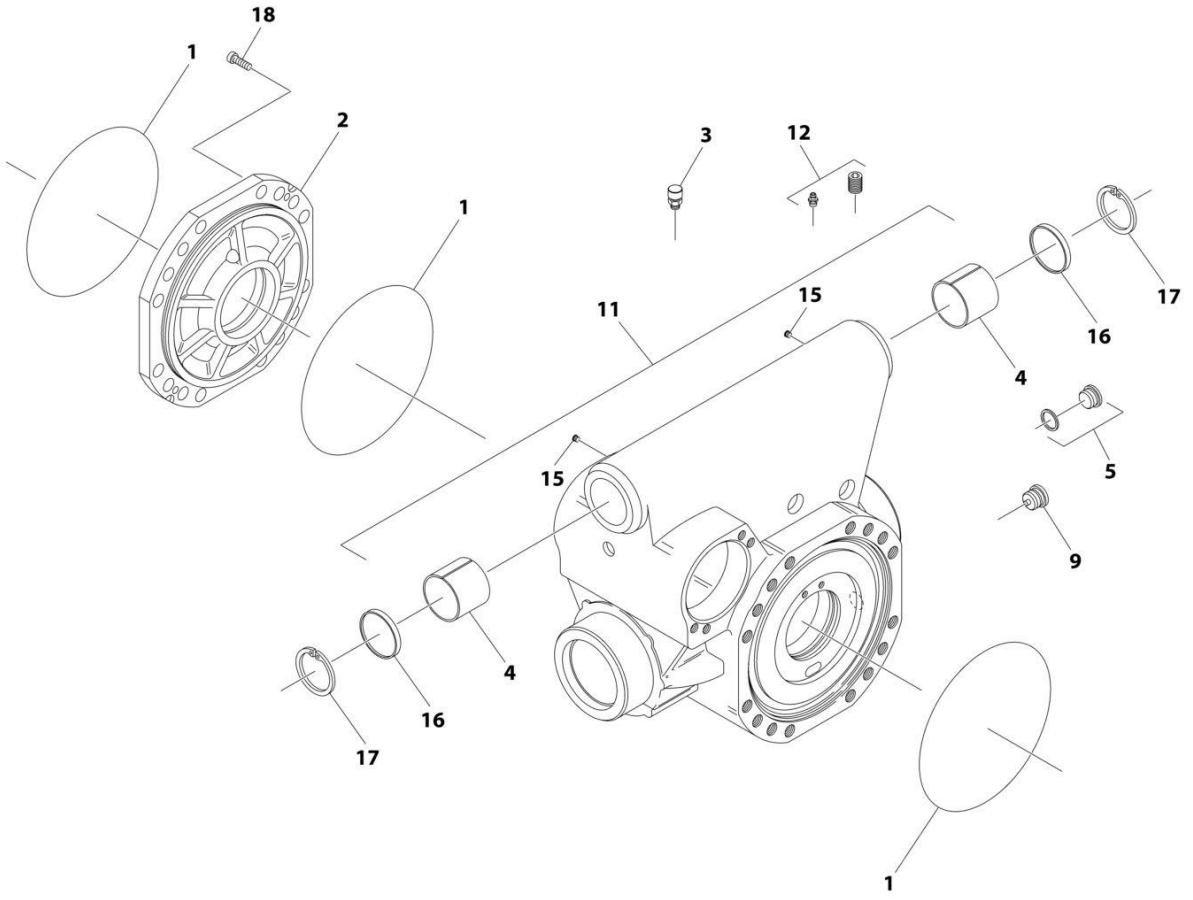


FIGURE 5-42. REAR AXLE - CENTRAL HOUSING (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220491	Ref	REAR AXLE, CENTRAL HOUSING	E
1	91474507	3	O-Ring	
2	70024519	1	Cover	
3	91474512	1	Vent	
4	70028886	2	Thrust Bushing	
5	91514188	1	Plug With Seal Washer	
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	
18	91474591	4	Bolt	

FIGURE 5-43. FRONT AXLE - DIFFERENTIAL (110HP)

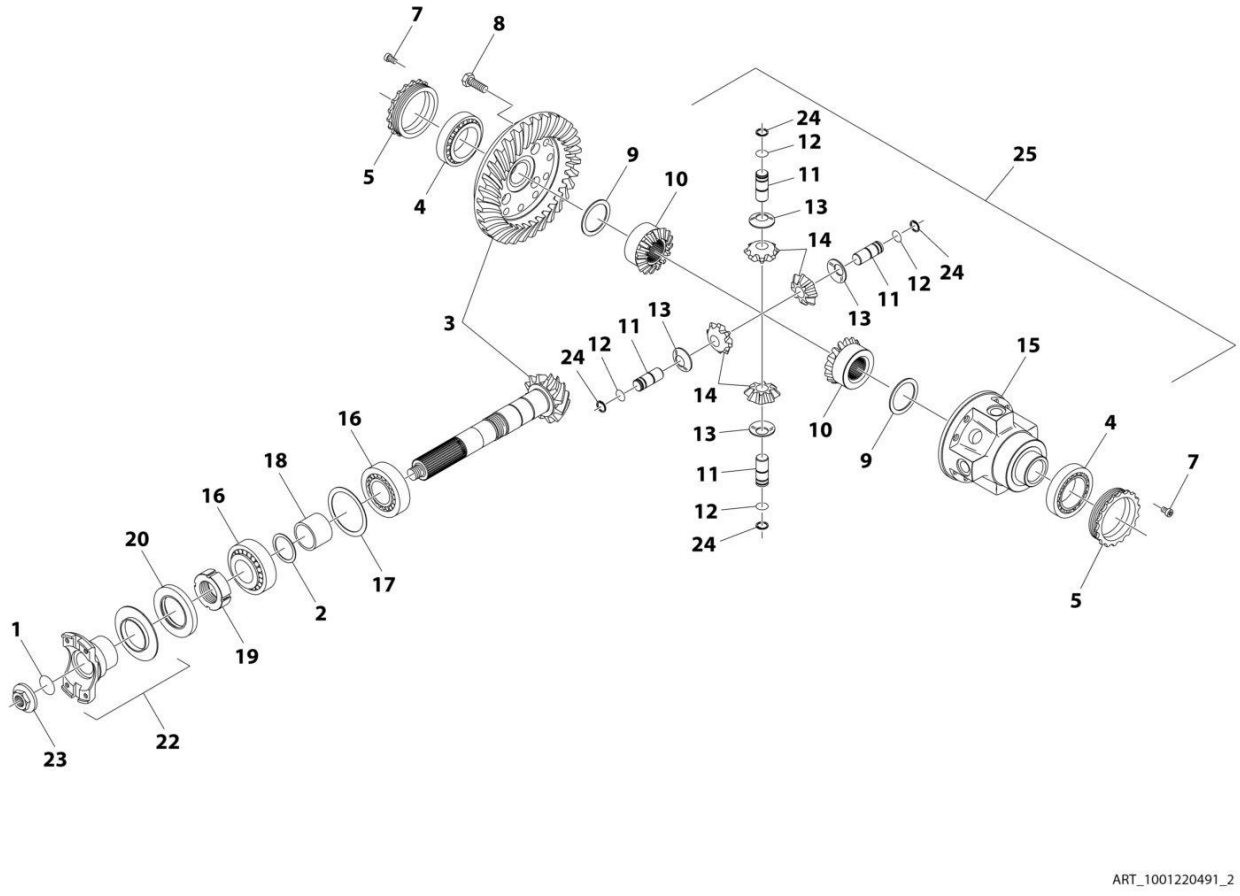


FIGURE 5-43. FRONT AXLE - DIFFERENTIAL (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220491	Ref	REAR AXLE, DIFFERENTIAL	E
1	91474529	1	O-Ring	
2	70025556	1	Shim Kit	
3	70028997	1	Bevel Gear Set	
4	70028471	2	Bearing, Taper Roller	
5	91474547	2	Nut, Ring	
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 thru 15 & 24)	

FIGURE 5-44. REAR AXLE - HUB REDUCTION (110HP)

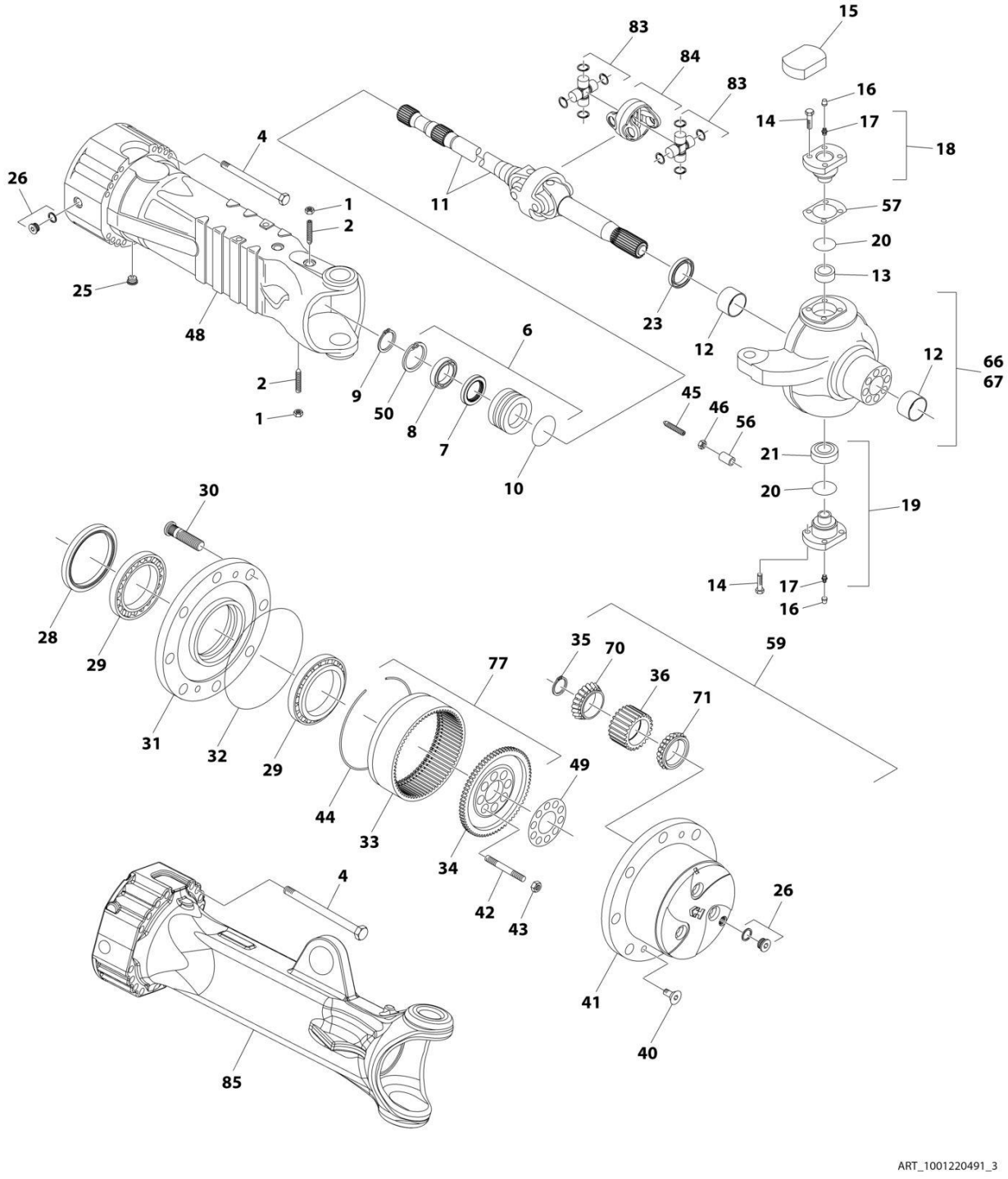


FIGURE 5-44. REAR AXLE - HUB REDUCTION (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220491	Ref	REAR AXLE, HUB REDUCTION	E
1	91514082	2	Nut	
2	91514081	2	Bolt	
4	70022799	32	Bolt	
6	91514149	2	Kit, 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 With Sealing 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	70029546	2	Gear, Ring	
34	70026812	2	Support, Ring Gear	
35	70028925	6	Circlip	
36	70028941	6	Differential Pinion	
40	91514189	4	Bolt, Countersunk	
41	70028881	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	4	Spacer	
57	70025561	1	Kit, Shim	
59	70028881	2	Kit, Planet Gear (includes items 35, 36, 41, 70 & 71)	
66	70029471	1	Steering Case (LR) (includes item 12)	
67	70029472	1	Steering Case (RR) (includes item 12)	
70	7028731	6	Bearing	
71	7028732	6	Bearing	
77	70029547	2	Kit, Gear Ring (includes items 22, 34 & 44)	

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

FIGURE 5-45. REAR AXLE - BRAKES (110HP)

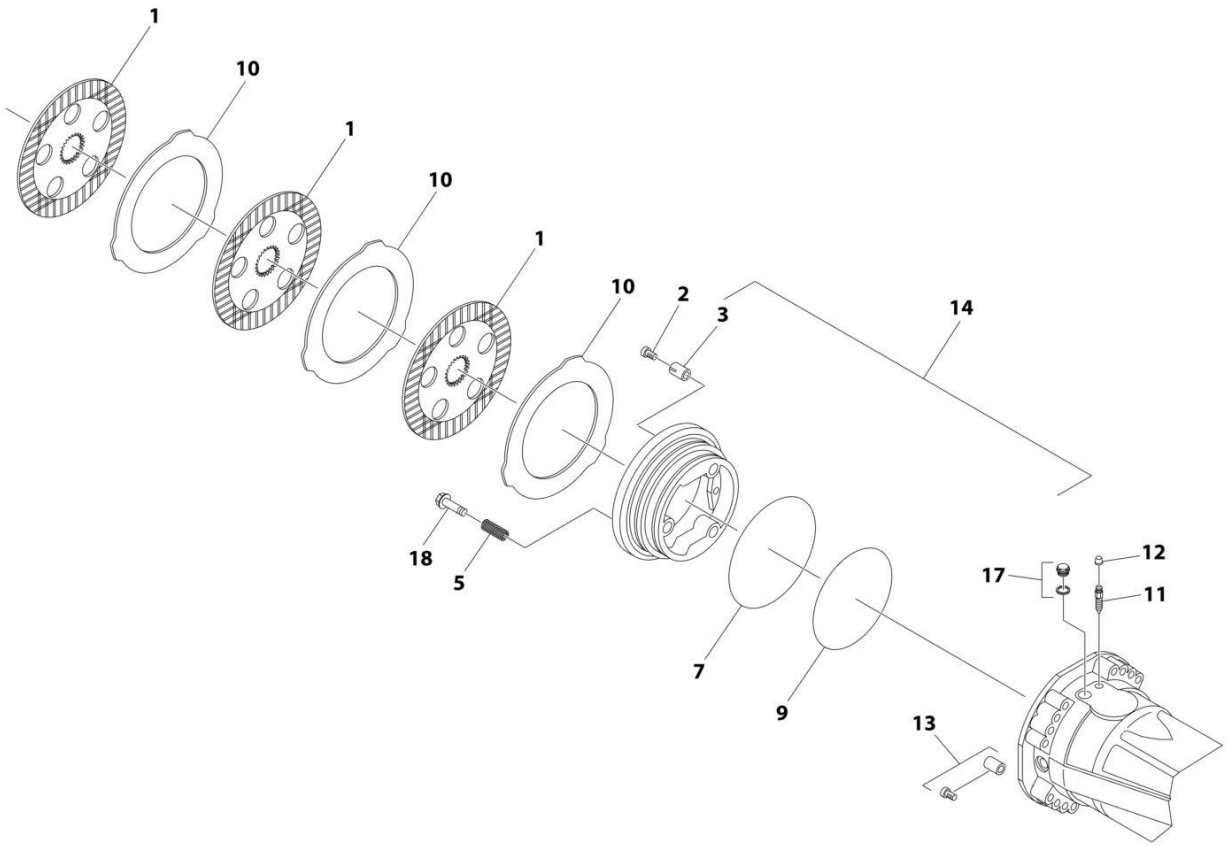


FIGURE 5-45. REAR AXLE - BRAKES (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220491	Ref	REAR AXLES, BRAKES	E
1	91474568	6	Disc	
2	7029786	6	Adjusting Bolt	
3	70027317	6	Spring	
5	91514159	6	Spring	
7	70025821	2	O-Ring	
9	70025822	2	O-Ring	
10	70025823	8	Disc, Intermediate Brake	
11	10725627	2	Bolt, Bleeding	
12	80204117	2	Plug	
13	70021613	2	Bolt	
14	N.S.S.	2	Piston	
17	91514154	2	Plug With Seal Washer	
18	70024210	6	Bolt	

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

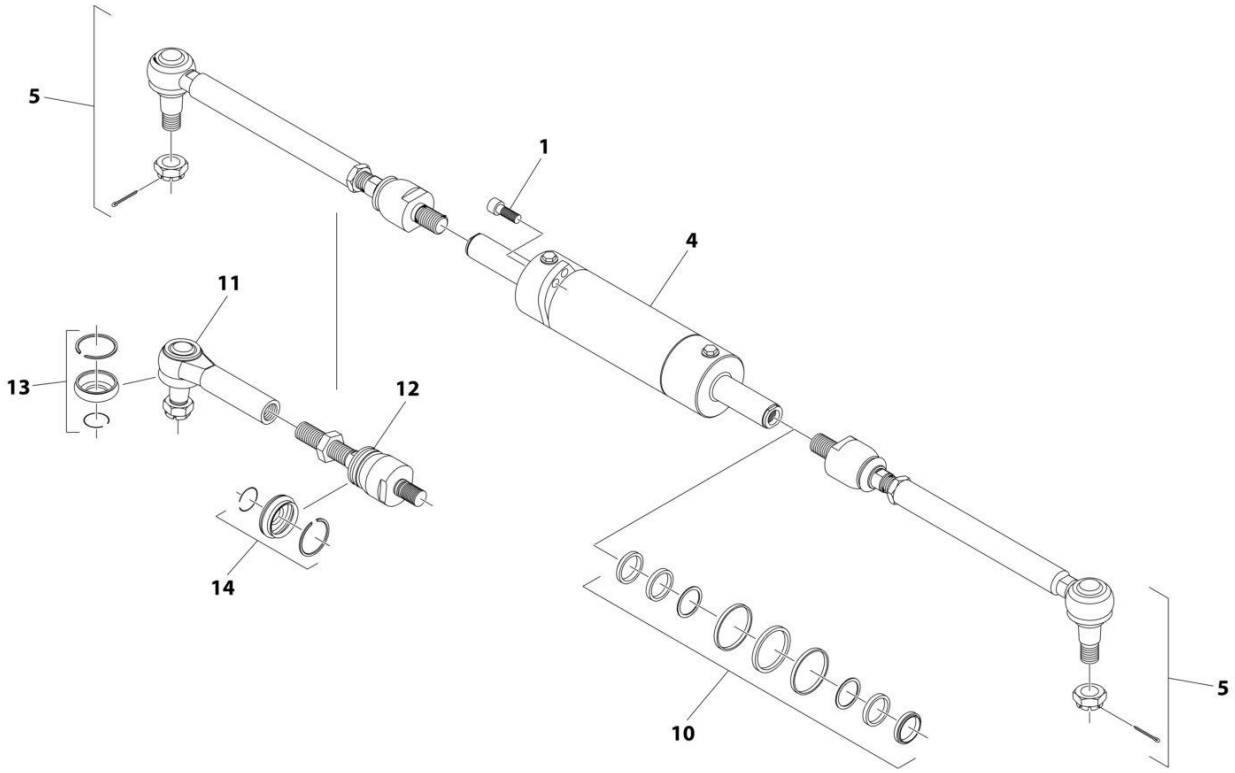


FIGURE 5-46. REAR AXLE - STEERING (110HP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220491	Ref	REAR AXLE, STEERING	E
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 5-47. TIRE SET - 17.2-25 PNEUMATIC

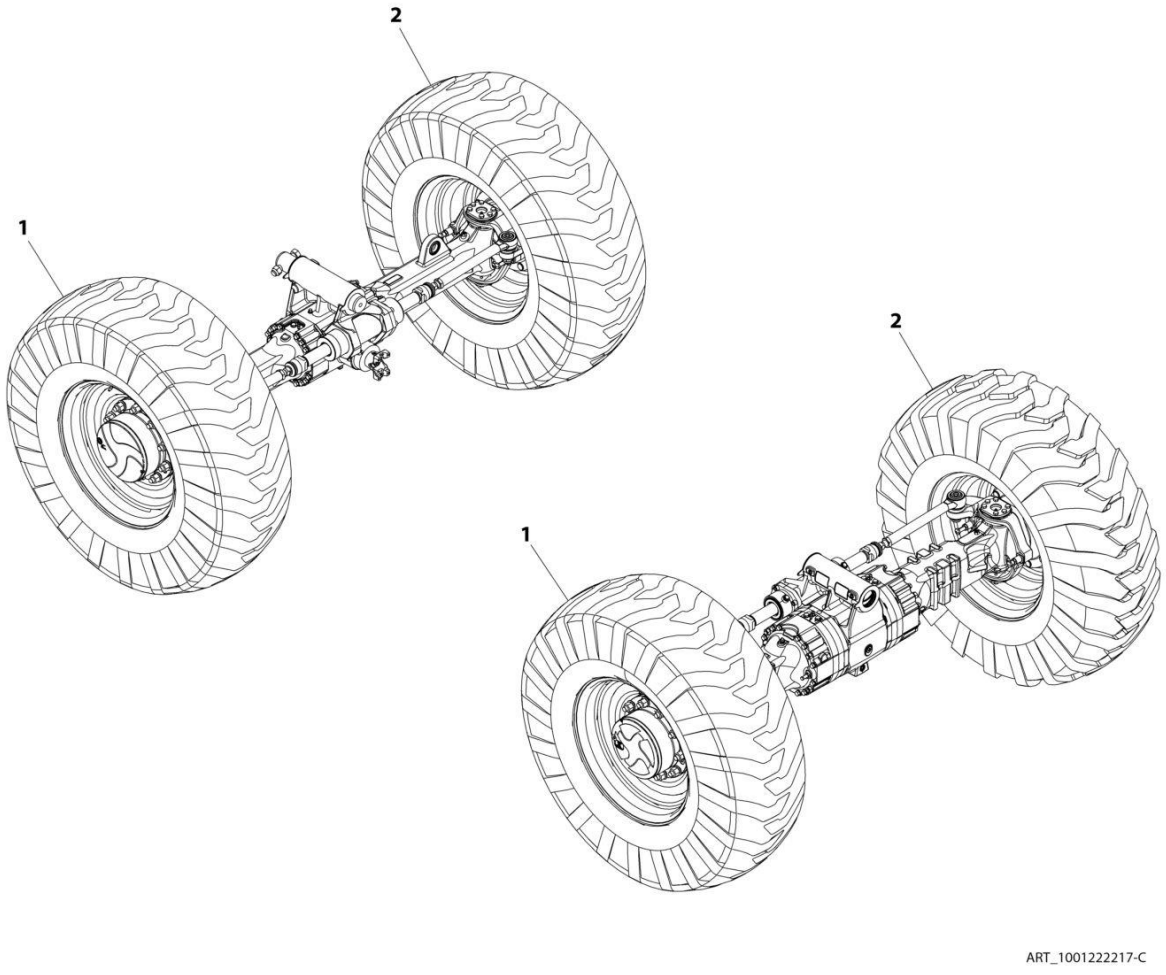


FIGURE 5-47. TIRE SET - 17.2-25 PNEUMATIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222217	Ref	Tire Set, 17.5-25 Pneumatic	C
1	1001152415	2	Tire and Wheel Assembly (RH)	
1	91563250	2	Wheel (1 per assembly)	
1	8780039	2	Tire 17.2-25 16 Ply (1 per assembly)	
1	91083385	2	Valve, Air (1 per assembly)	
2	1001152416	2	Tire and Wheel Assembly (LH)	
2	91563250	2	Wheel (1 per assembly)	
2	8780039	2	Tire 17.2-25 16 Ply (1 per assembly)	
2	91083385	2	Valve, Air (1 per assembly)	

FIGURE 5-48. TIRE SET - 17.2-25 FOAM-FILLED

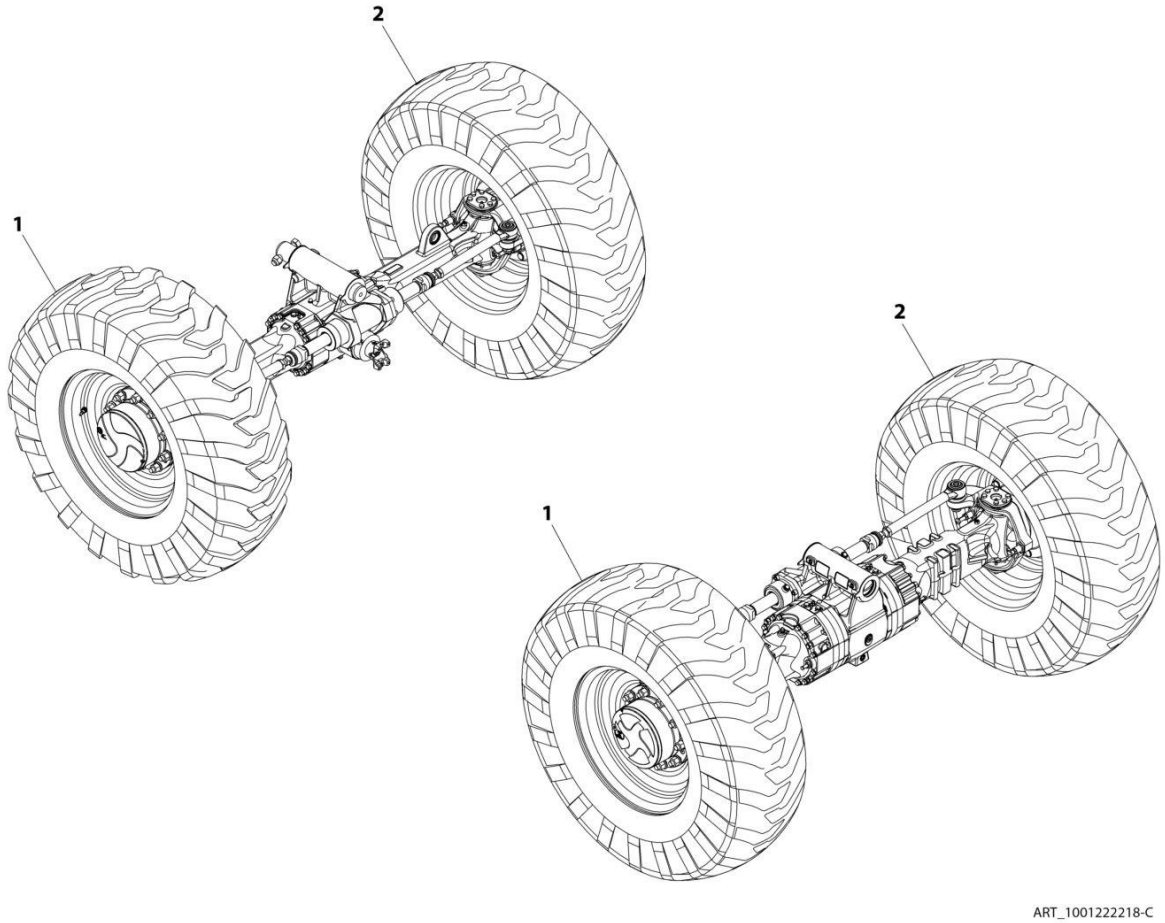


FIGURE 5-48. TIRE SET - 17.2-25 FOAM-FILLED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222218	Ref	Tire Set, 17.5-25 Foam-Filled	C
		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	91565040	2	Tire and Wheel Assembly (RH)	
1	91563250	2	Wheel (1 per assembly)	
1	4520527	2	Tire 17.5-25 12 Ply (1 per assembly)	
1	91083385	2	Valve, Air (1 per assembly)	
2	91565039	2	Tire and Wheel Assembly (LH)	
2	91563250	2	Wheel (1 per assembly)	
2	4520527	2	Tire 17.5-25 12 Ply (1 per assembly)	
2	91083385	2	Valve, Air (1 per assembly)	

FIGURE 5-49. TIRE SET - 18 X 625 (TURF AND SAND PNEUMATIC)

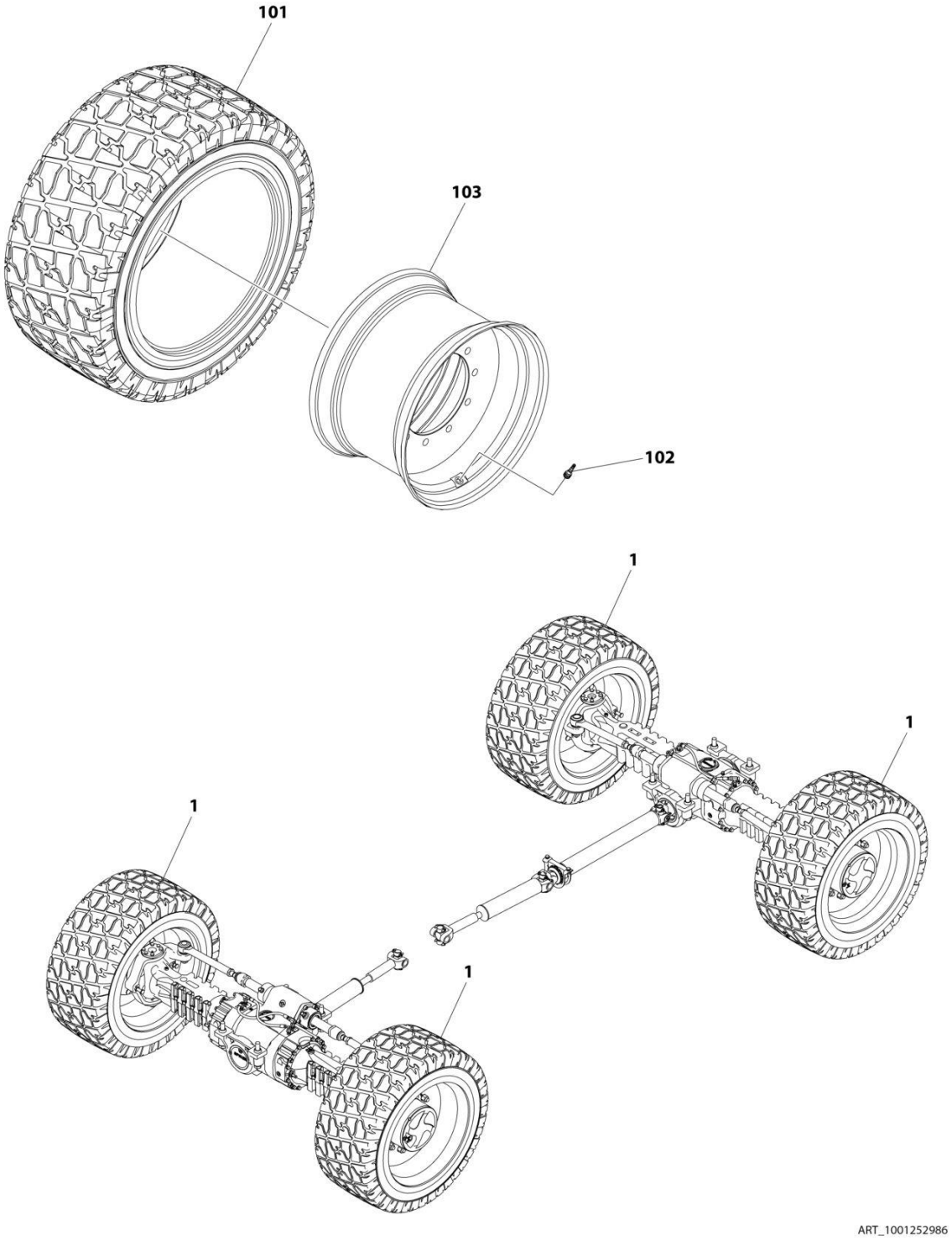


FIGURE 5-49. TIRE SET - 18 X 625 (TURF AND SAND PNEUMATIC)

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 5-50. TIRE SET - 360/85-28 SOLID

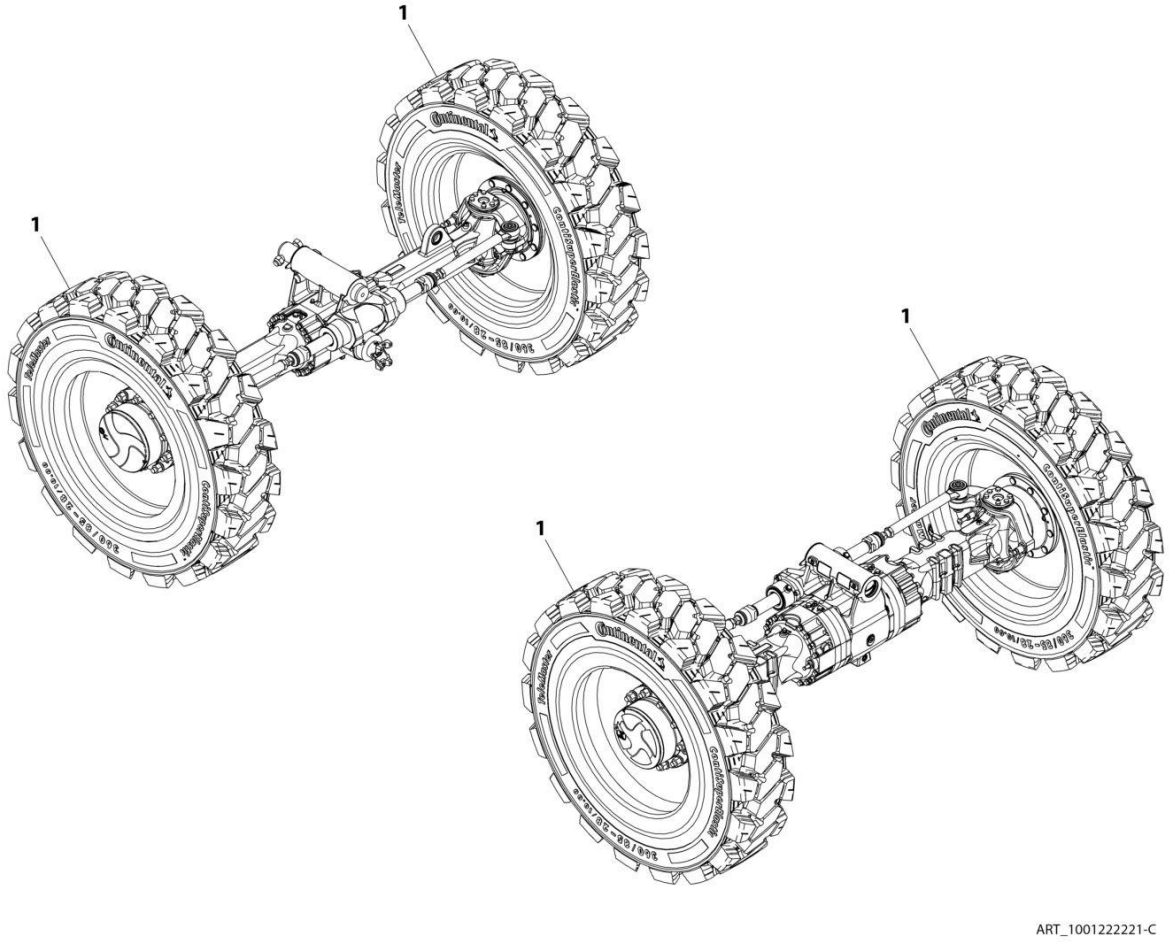


FIGURE 5-50. TIRE SET - 360/85-28 SOLID

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222221	Ref	Tire Set, 360/85-28 Solid	C
1	1001213200J	4	Tire, 360/85-28 Solid	

FIGURE 5-51. TIRE SET - 400/75-28 PNEUMATIC

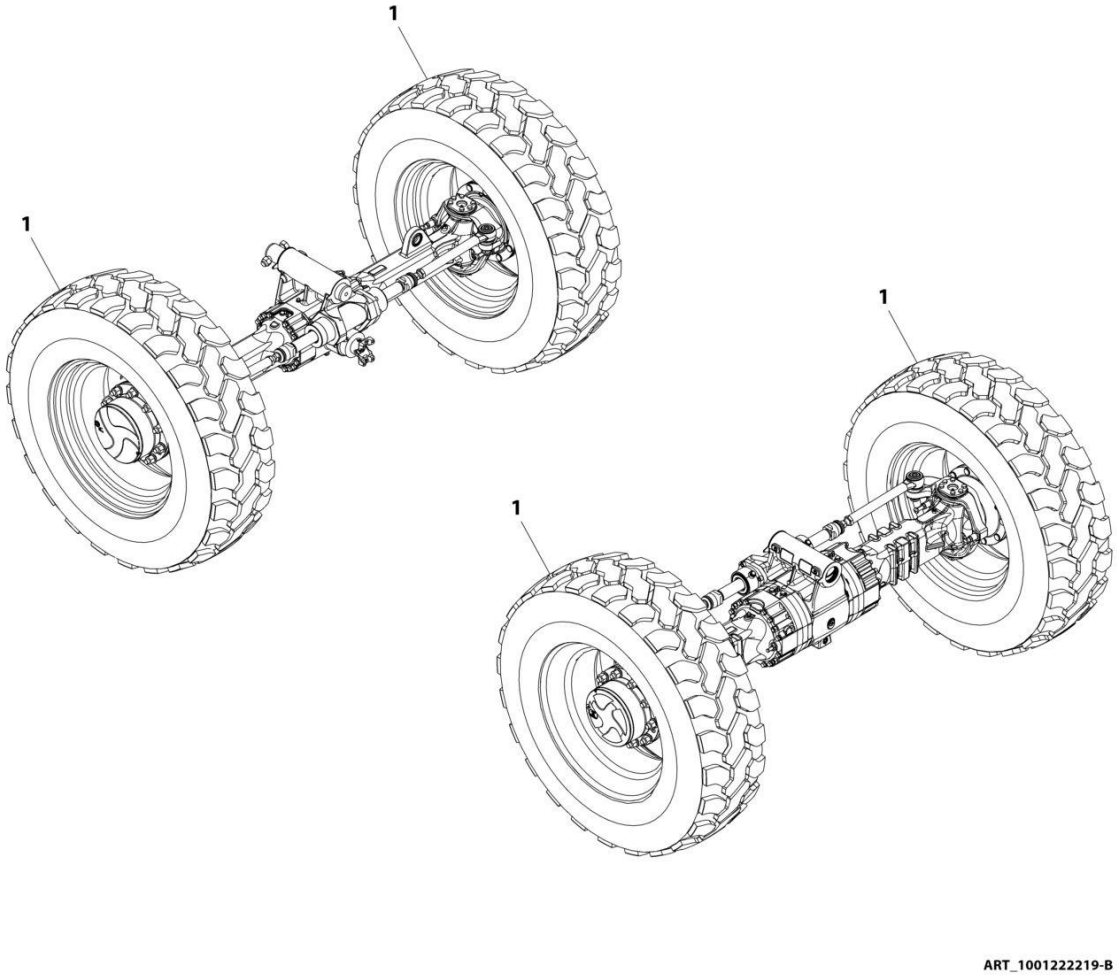


FIGURE 5-51. TIRE SET - 400/75-28 PNEUMATIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222219	Ref	Tire Set, 400/75-28 Pneumatic	B
1	1001121103	4	Tire and Wheel Assembly	
1	8786514	4	Valve, Air (1 per assembly)	
1	1001120178	4	Wheel (1 per assembly)	
1	1001120179	4	Tire 400/75-28 (1 per assembly)	

FIGURE 5-52. TIRE SET - 400/75-28 PNEUMATIC NON-MARKING

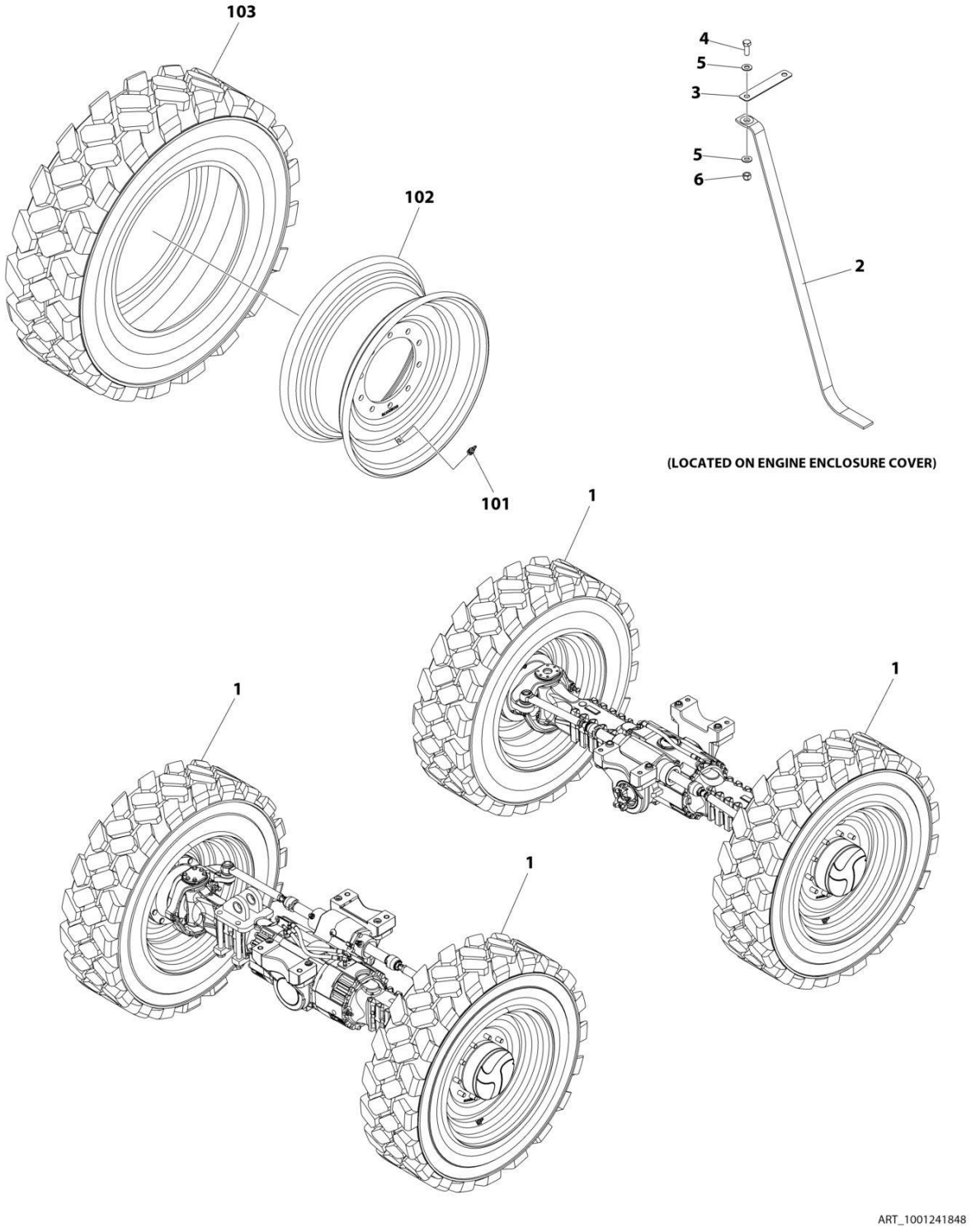


FIGURE 5-52. TIRE SET - 400/75-28 PNEUMATIC NON-MARKING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241848	Ref	TIRE/WHEEL SET - 400/75-28 - PNEUMATIC NON MARKING	B
1	1001241841	4	Assembly, Tire and Wheel - 400/75-28 - Pneumatic Non-Marking (See Items 101-103)	
2	1001275637	1	Strap, Anti-Static	
3	1001275638	1	Bracket	
4	8303620	1	Bolt 3/8 x 1	
5	8307110	2	Washer 3/8	
6	8305645	1	Nut 3/8	
	1001241841	Ref	ASSEMBLY, TIRE AND WHEEL - 400/75-28 - PNEUMATIC NON-MARKING	A
101	8786514	4	Valve, Air (1 per assembly)	
102	1001120178	4	Wheel (1 per assembly)	
103	1001241837	4	Tire 400/75-28 Non-Marking (1 per assembly)	

FIGURE 5-53. TIRE SET - 400/75-28 FOAM-FILLED

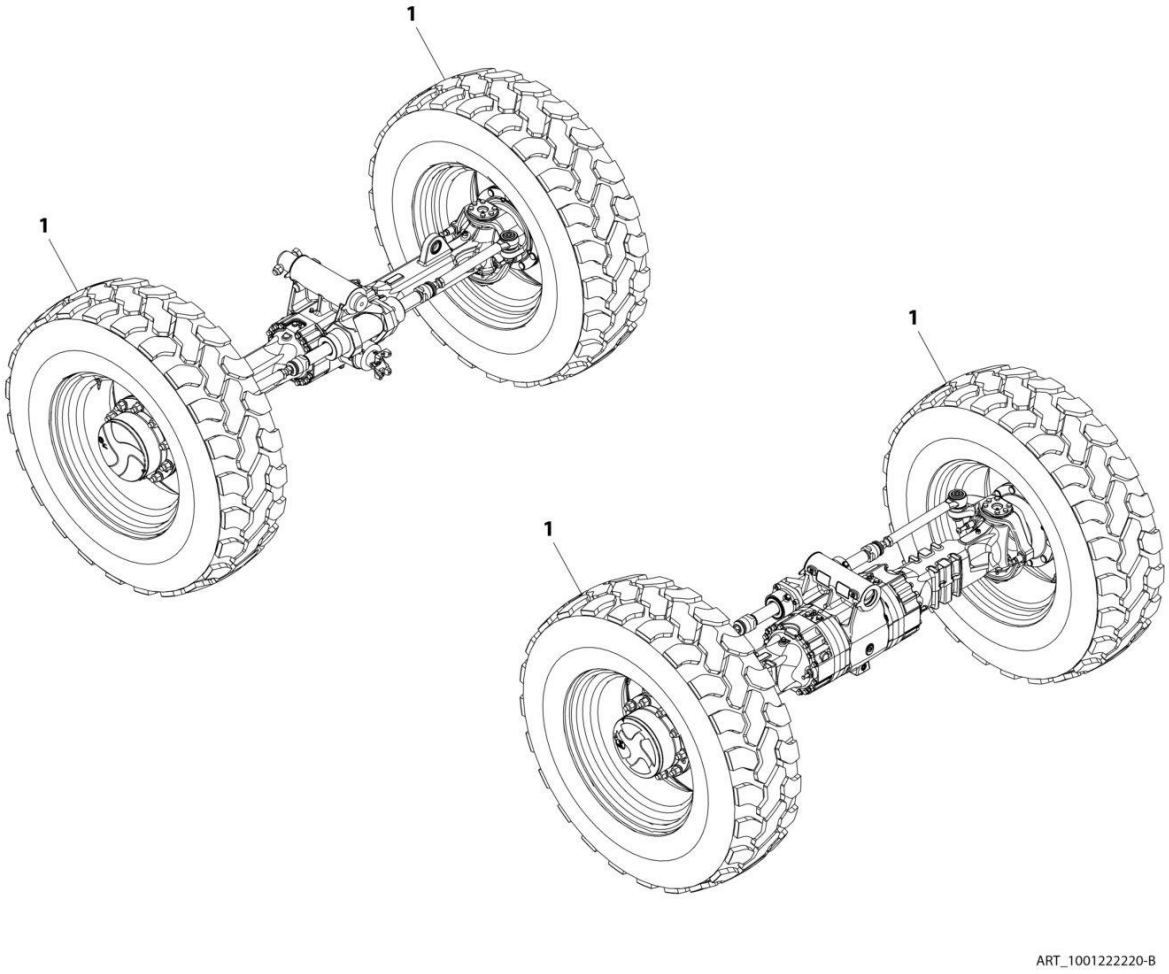


FIGURE 5-53. TIRE SET - 400/75-28 FOAM-FILLED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222220	Ref	Tire Set, 400/75-28 Foam-Filled	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	1001121105	4	Tire and Wheel Assembly	
1	8786514	4	Valve, Air (1 per assembly)	
1	1001120178	4	Wheel (1 per assembly)	
1	1001120179	4	Tire 400/75-28 (1 per assembly)	

FIGURE 5-54. TIRE SET - 400/75-28 FOAM-FILLED NON-MARKING

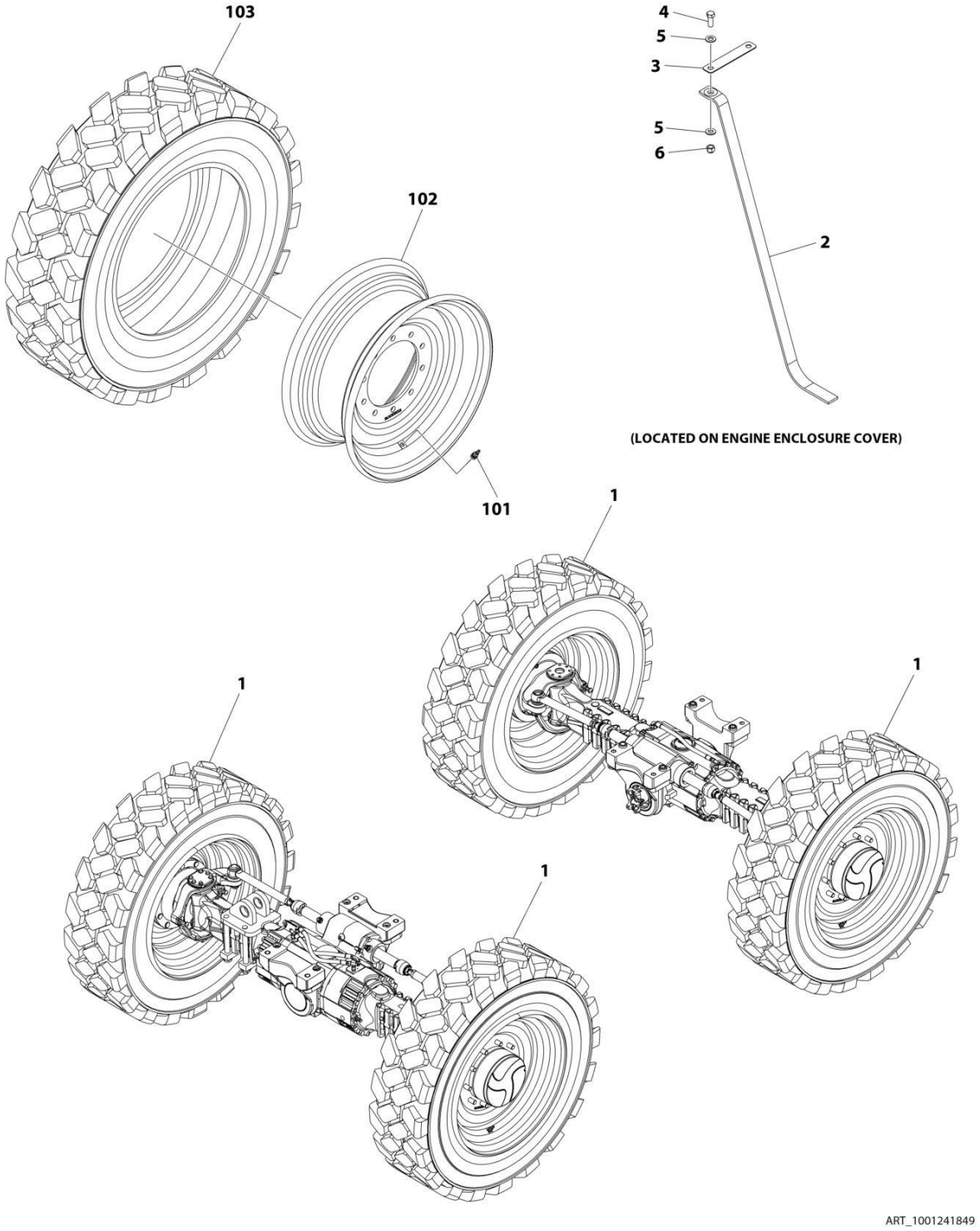


FIGURE 5-54. TIRE SET - 400/75-28 FOAM-FILLED NON-MARKING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241849	Ref	TIRE/WHEEL SET 400/75-28 - FOAM FILLED 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	1001241842	4	Tire and Wheel Assembly (See Items 101-103)	
2	1001275637	1	Strap, Anti-Static	
3	1001275638	1	Bracket	
4	8303620	1	Bolt 3/8 x 1	
5	8307110	2	Washer 3/8	
6	8305645	1	Nut 3/8	
	1001241842	Ref	TIRE AND WHEEL ASSEMBLY	A
101	8786514	4	Valve, Air (1 per assembly)	
102	1001120178	4	Wheel (1 per assembly)	
103	1001241837	4	Tire 400/75-28 Non-Marking (1 per assembly)	

FIGURE 5-55. TIRE SET, 14-24 SOLID (DIRECTIONAL)

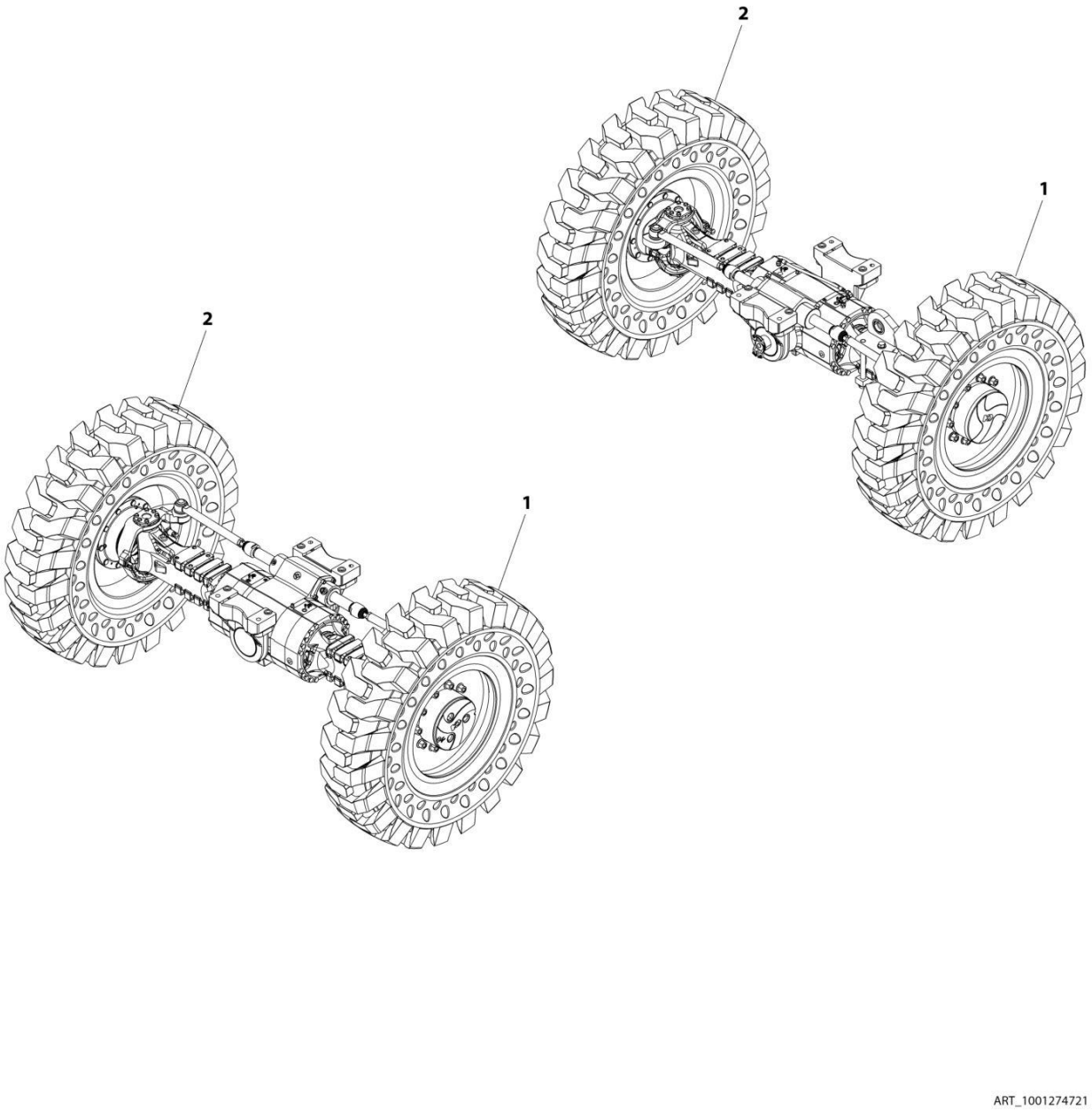


FIGURE 5-55. TIRE SET, 14-24 SOLID (DIRECTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274721	Ref	TIRE/WHEEL SET 14-24 SOLIDBOSS (DIRECTIONAL)	A
1	1001274719	2	Tire/Wheel Left 14X24 - Solid	
2	1001274720	2	Tire/Wheel Right 14X24 - Solid	

FIGURE 5-56. TIRE SET, 14-28 SOLID (DIRECTIONAL)

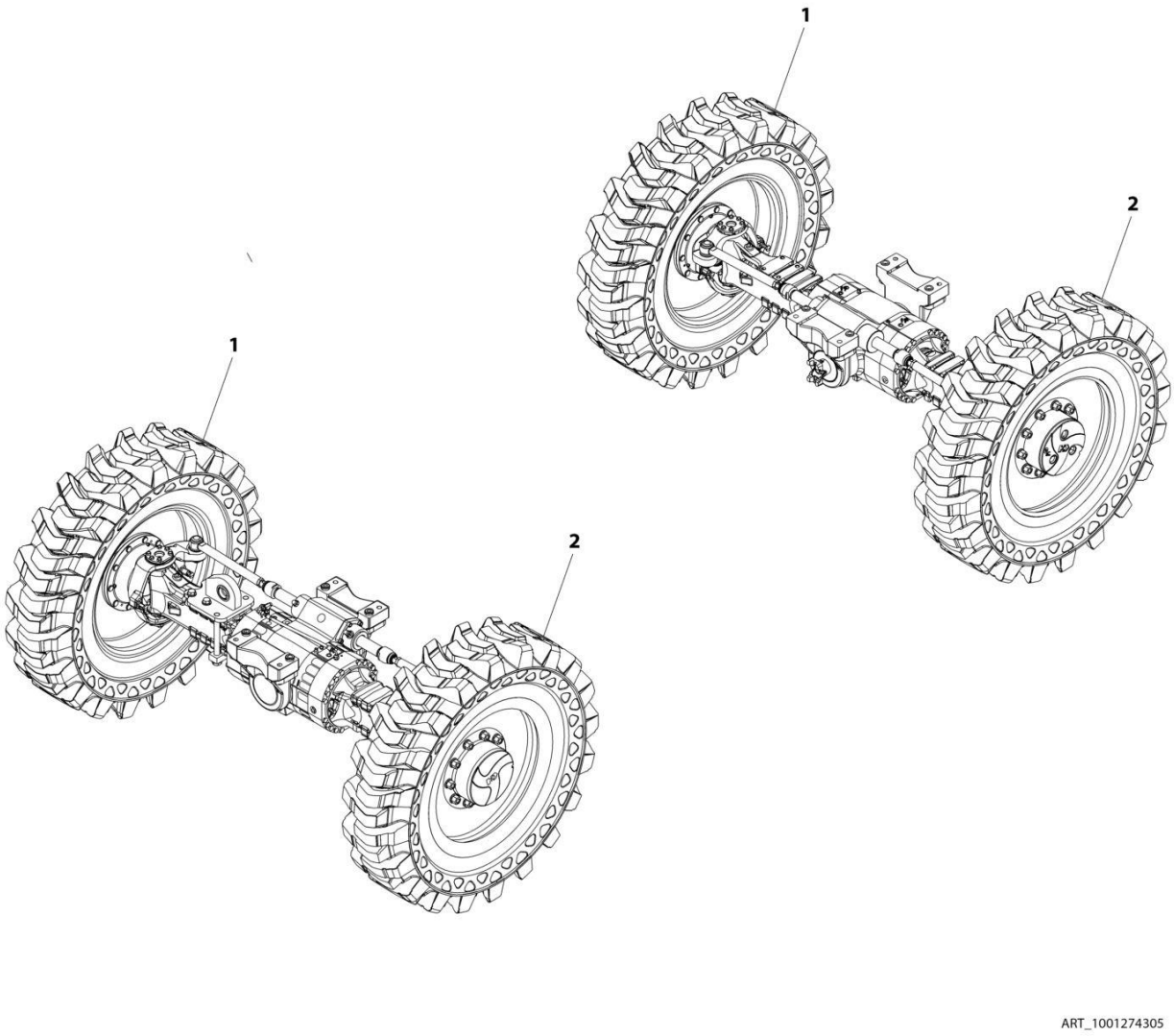


FIGURE 5-56. TIRE SET, 14-28 SOLID (DIRECTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274305	Ref	TIRE/WHEEL SET 14-28 SOLIDBOSS (DIRECTIONAL)	A
1	1001274303	2	Tire/Wheel Left 14X28 - Solid	
2	1001274304	2	Tire/Wheel Right 14X28 - Solid	

FIGURE 5-57. TIRE SET, 14-24 SOLID (NON-DIRECTIONAL)

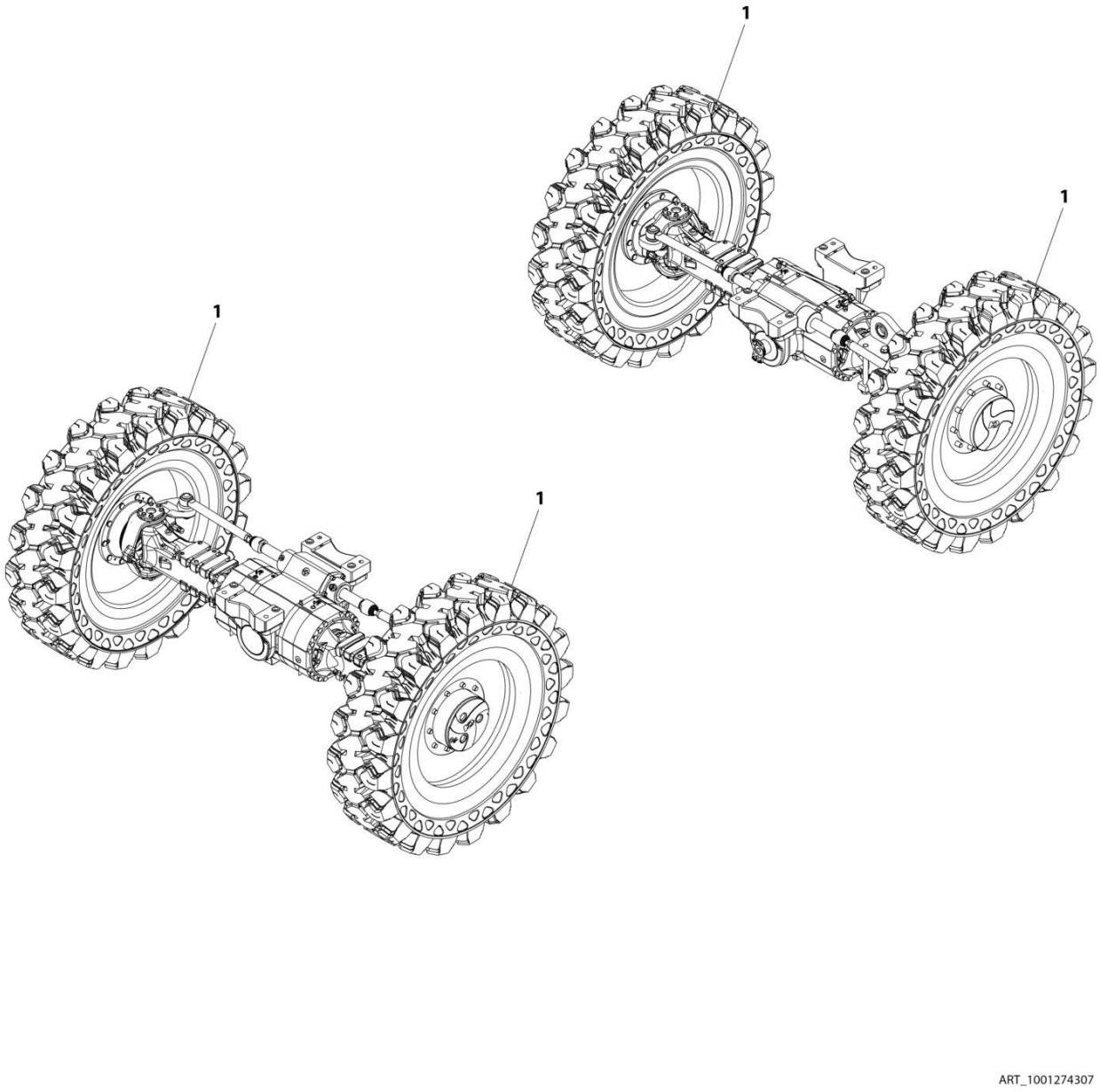


FIGURE 5-57. TIRE SET, 14-24 SOLID (NON-DIRECTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274307	Ref	TIRE/WHEEL SET 14-28 SOLIDBOSS (NON-DIRECTIONAL)	A
1	1001274306	4	Tire/Wheel 14X28 - Solid	

FIGURE 5-58. TIRE SET, 14-24 SOLID

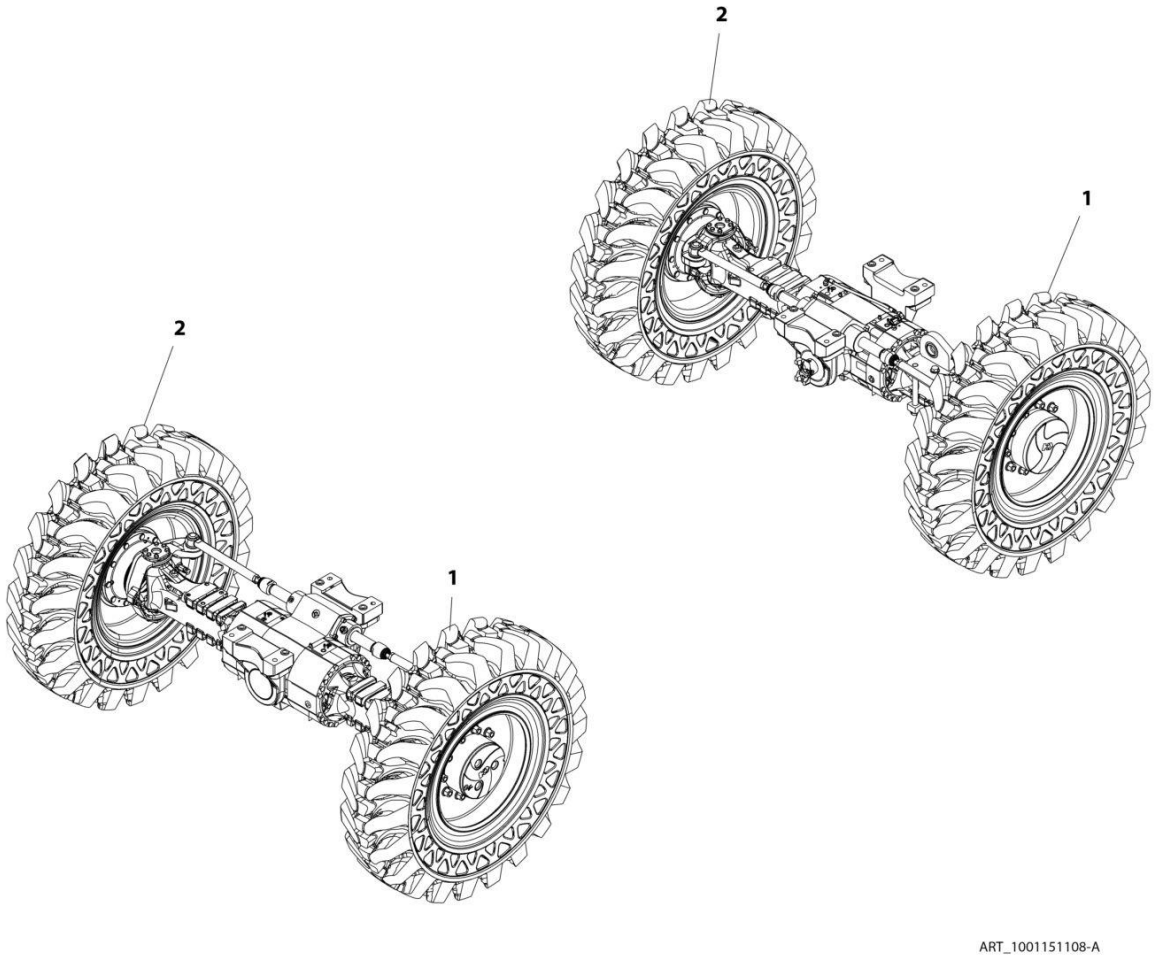


FIGURE 5-58. TIRE SET, 14-24 SOLID

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001151108	1	Tire/Wheel Set 14-24 - Solid	A
1	1001151101	2	Tire/Wheel Left 14-24 .219 - Offset	
2	1001151102	2	Tire/Wheel Right 14-24 .219 - Offset	

FIGURE 5-59. FENDER INSTALLATION

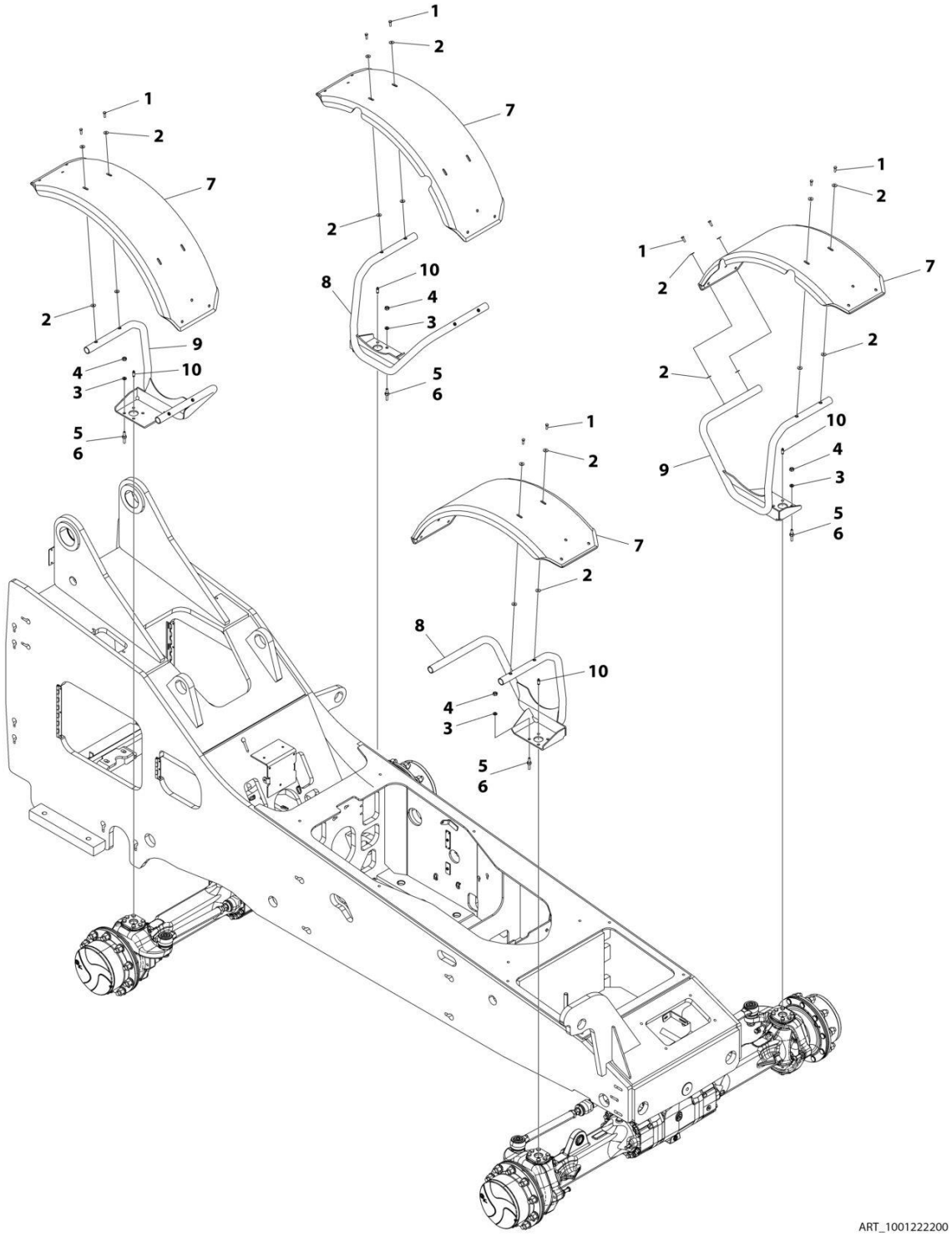


FIGURE 5-59. FENDER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222200	Ref	Fender Installation	D
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	1001222203	2	Bracket, Fender	
9	1001222717	2	Bracket, Fender	
10	1001225317	4	Fitting, Grease	

SECTION 6 - CAB

FIGURE 6-1. CAB MOUNTING HARDWARE INSTALLATION

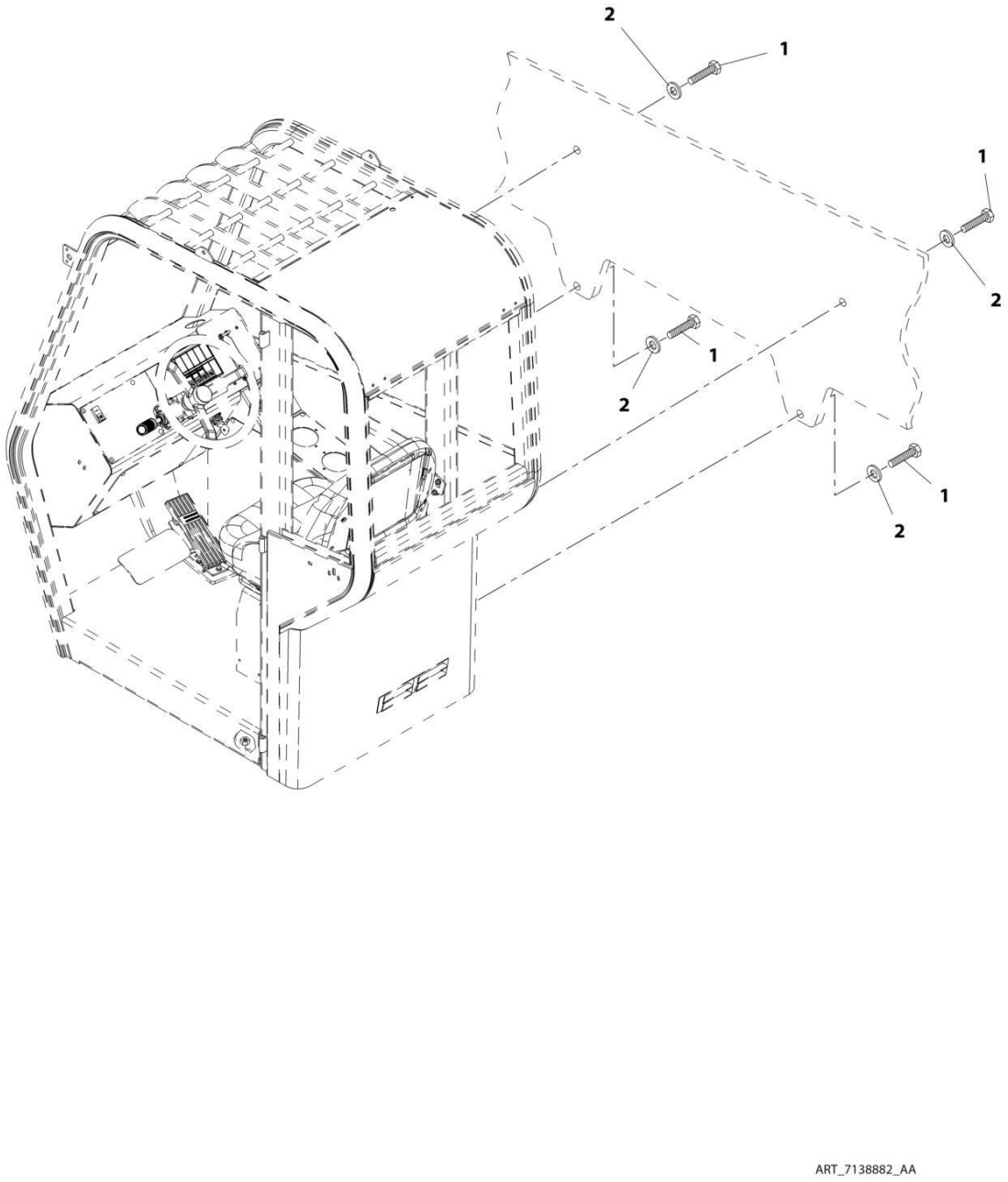
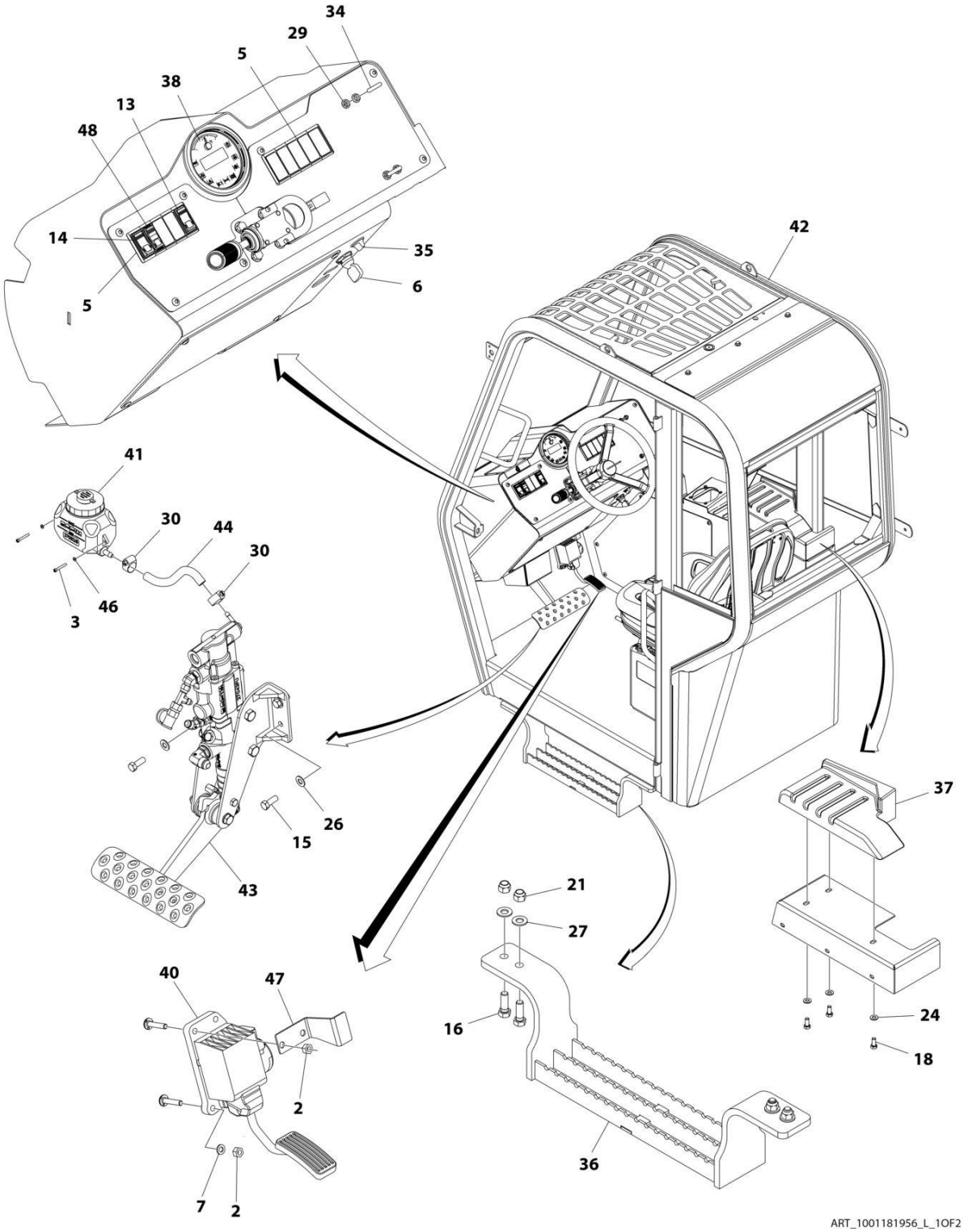


FIGURE 6-1. CAB MOUNTING HARDWARE INSTALLATION

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 6-2. CAB INSTALLATION - OPEN CAB (ORANGE SEAT BELT)



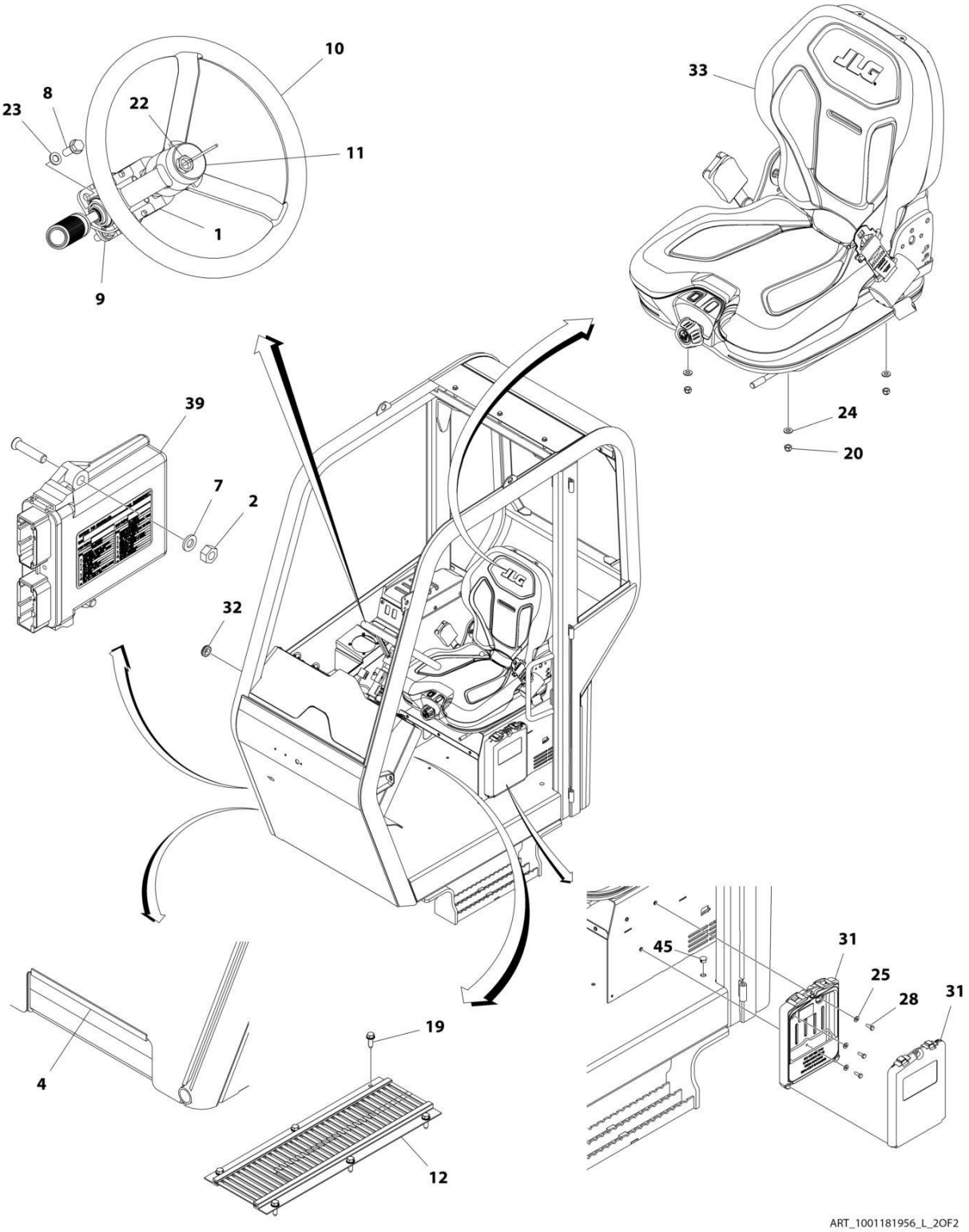
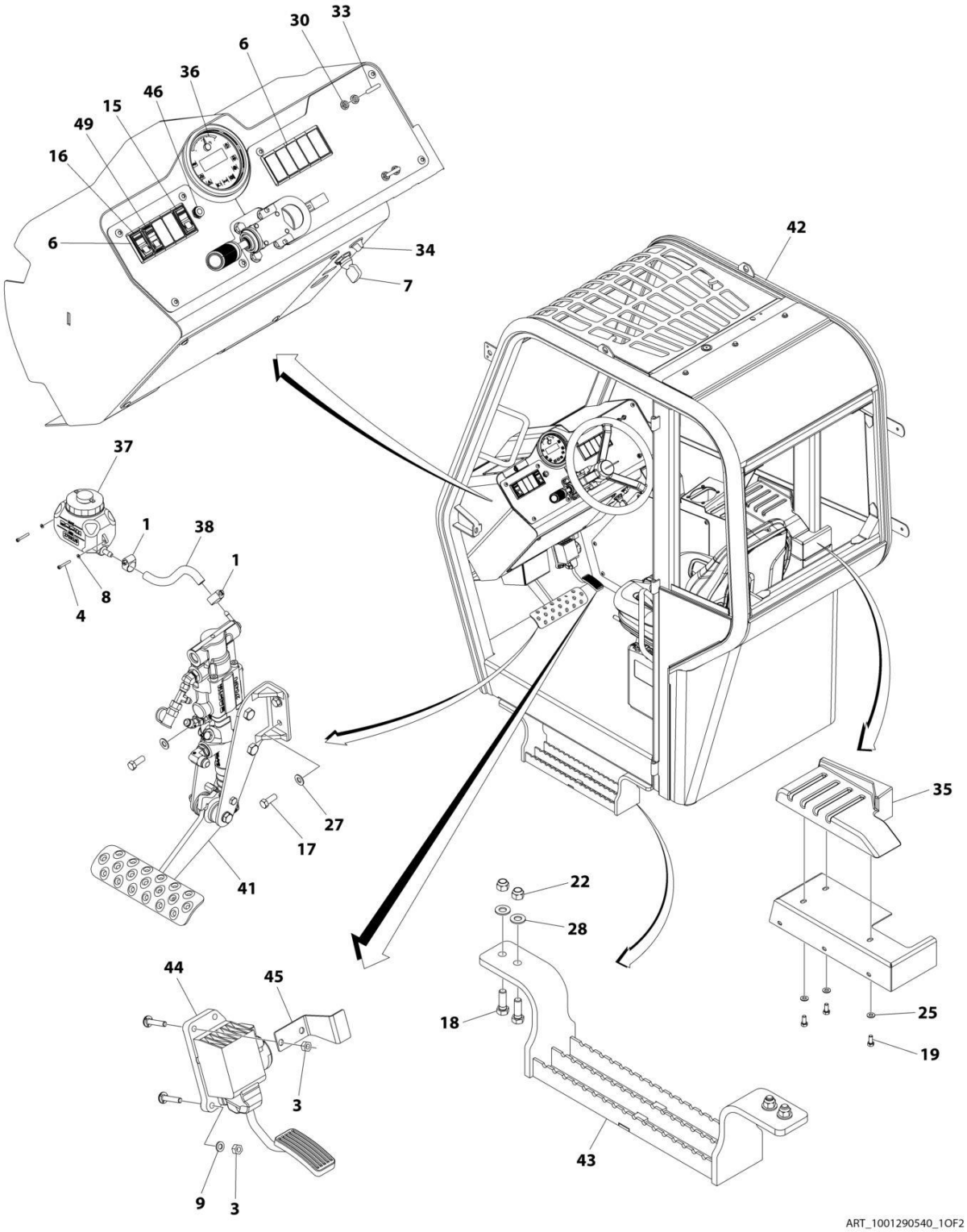

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FIGURE 6-2. CAB INSTALLATION - OPEN CAB (ORANGE SEAT BELT)

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 6-3. OPEN CAB SEAT BELT ENG INSTALLATION



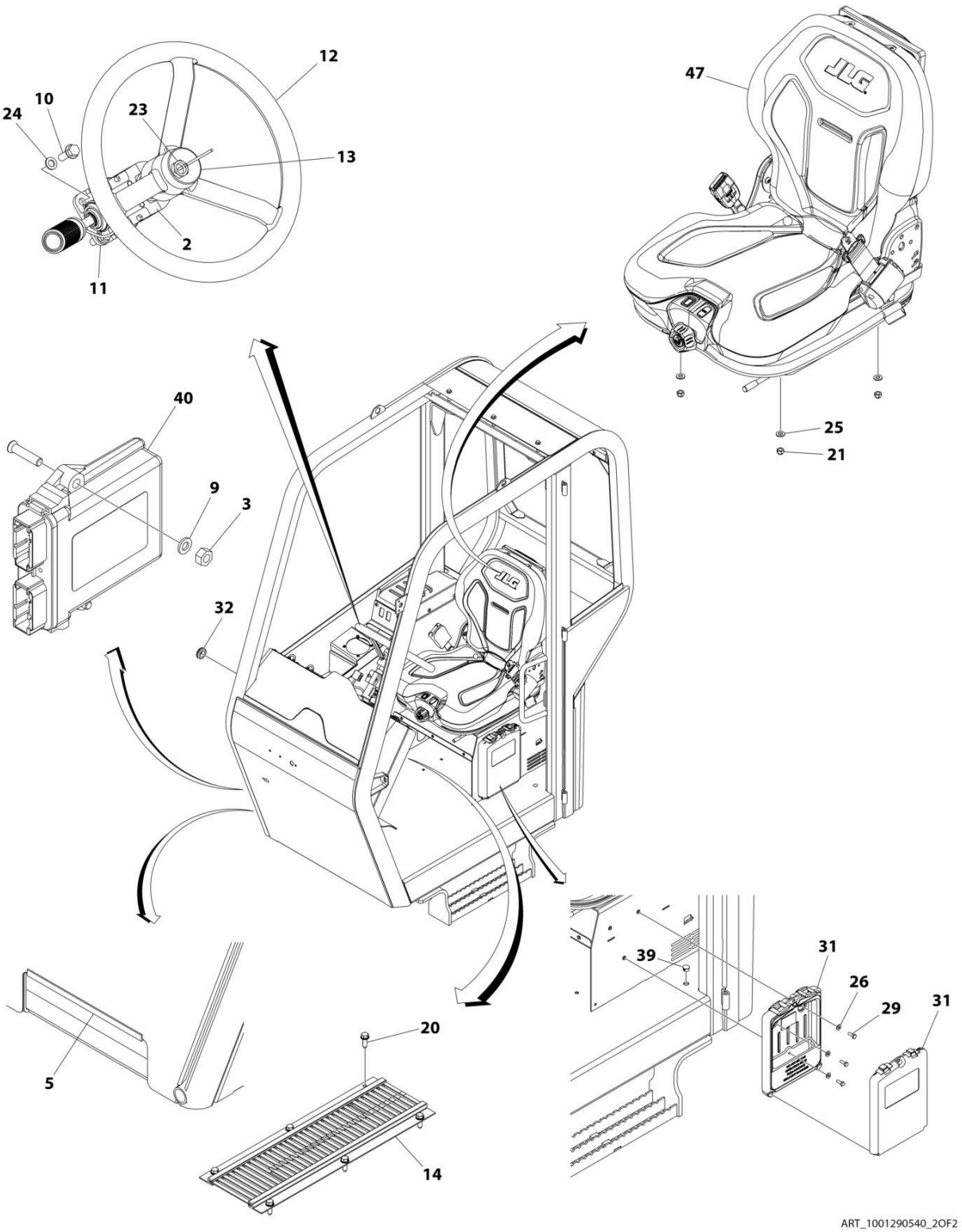

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FIGURE 6-3. OPEN CAB SEAT BELT ENG INSTALLATION

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 6-4. CAB ASSEMBLY - OPEN

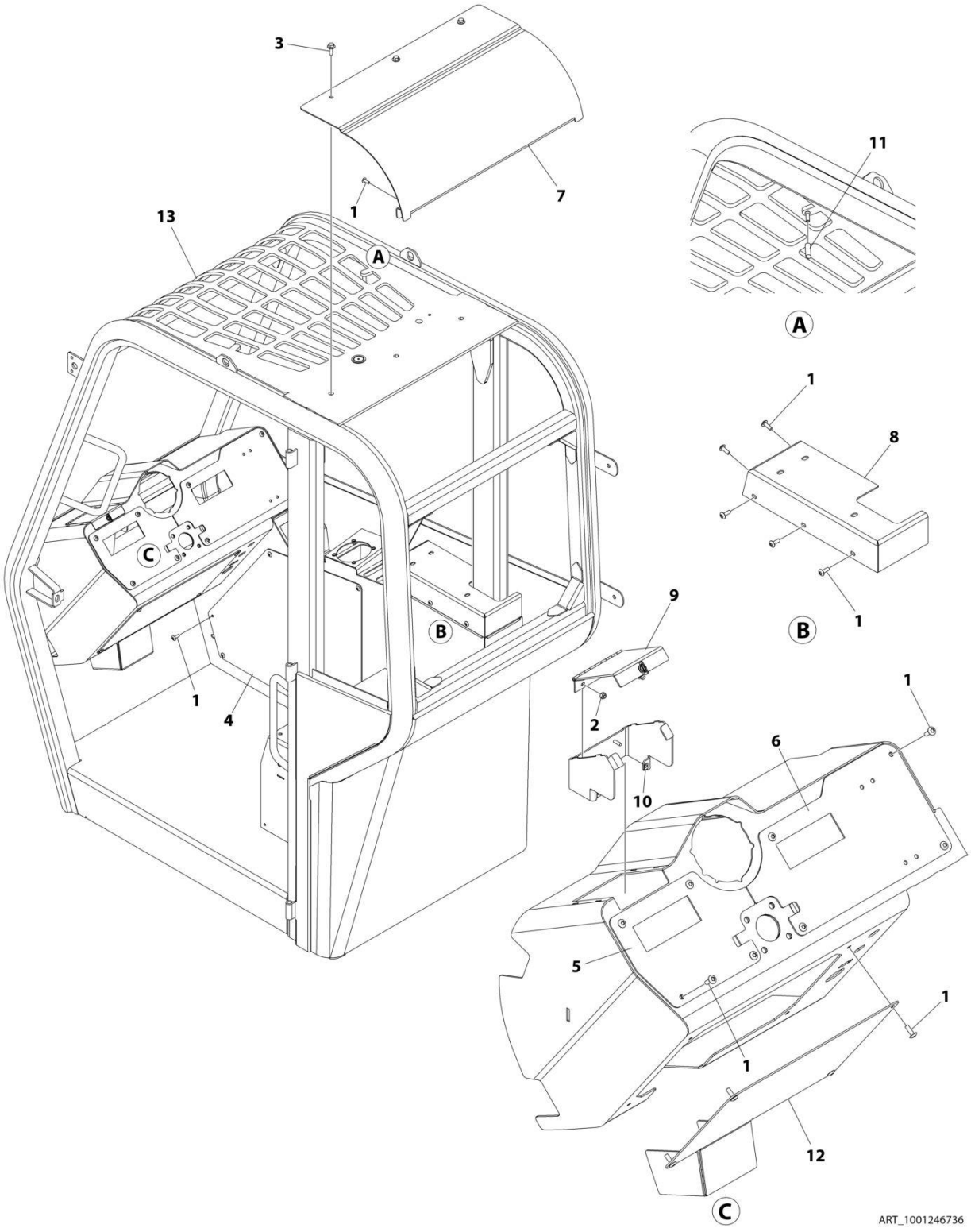


FIGURE 6-4. CAB ASSEMBLY - OPEN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001246736	Ref	CAB OPEN	D
1	8303034	25	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	

FIGURE 6-5. CAB ASSEMBLY - OPEN (SN 0160124577 to Present)

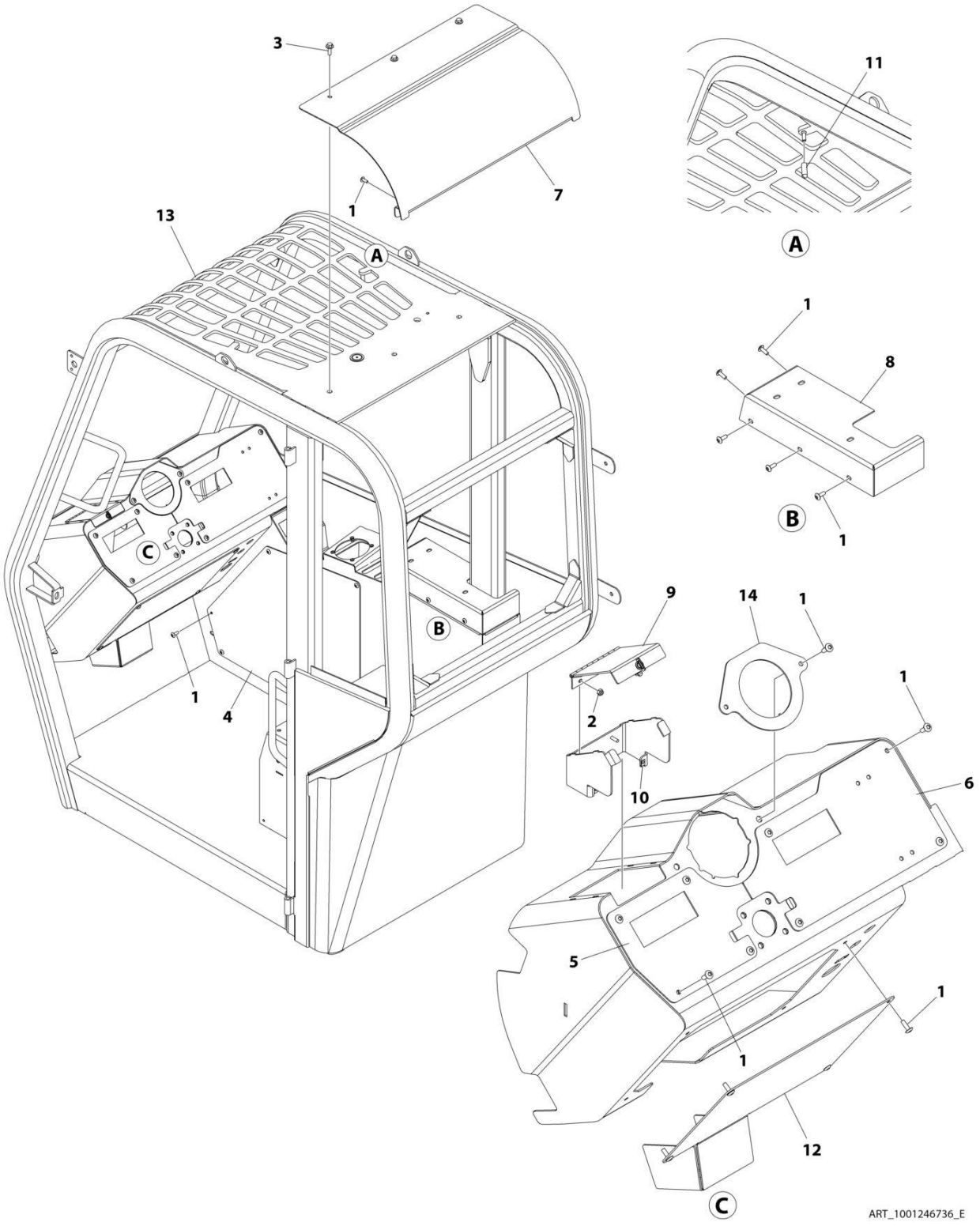


FIGURE 6-5. CAB ASSEMBLY - OPEN (SN 0160124577 to Present)

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

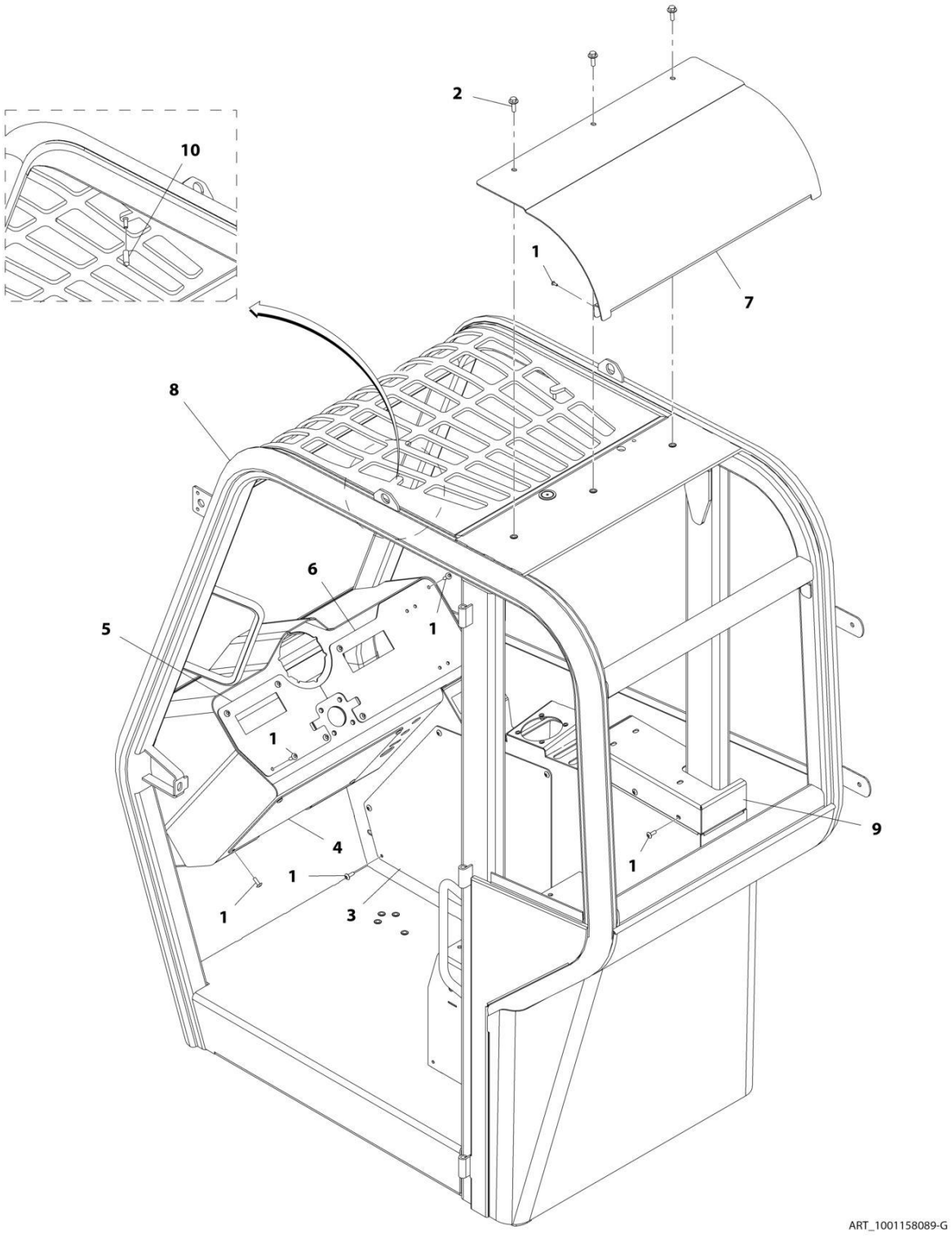
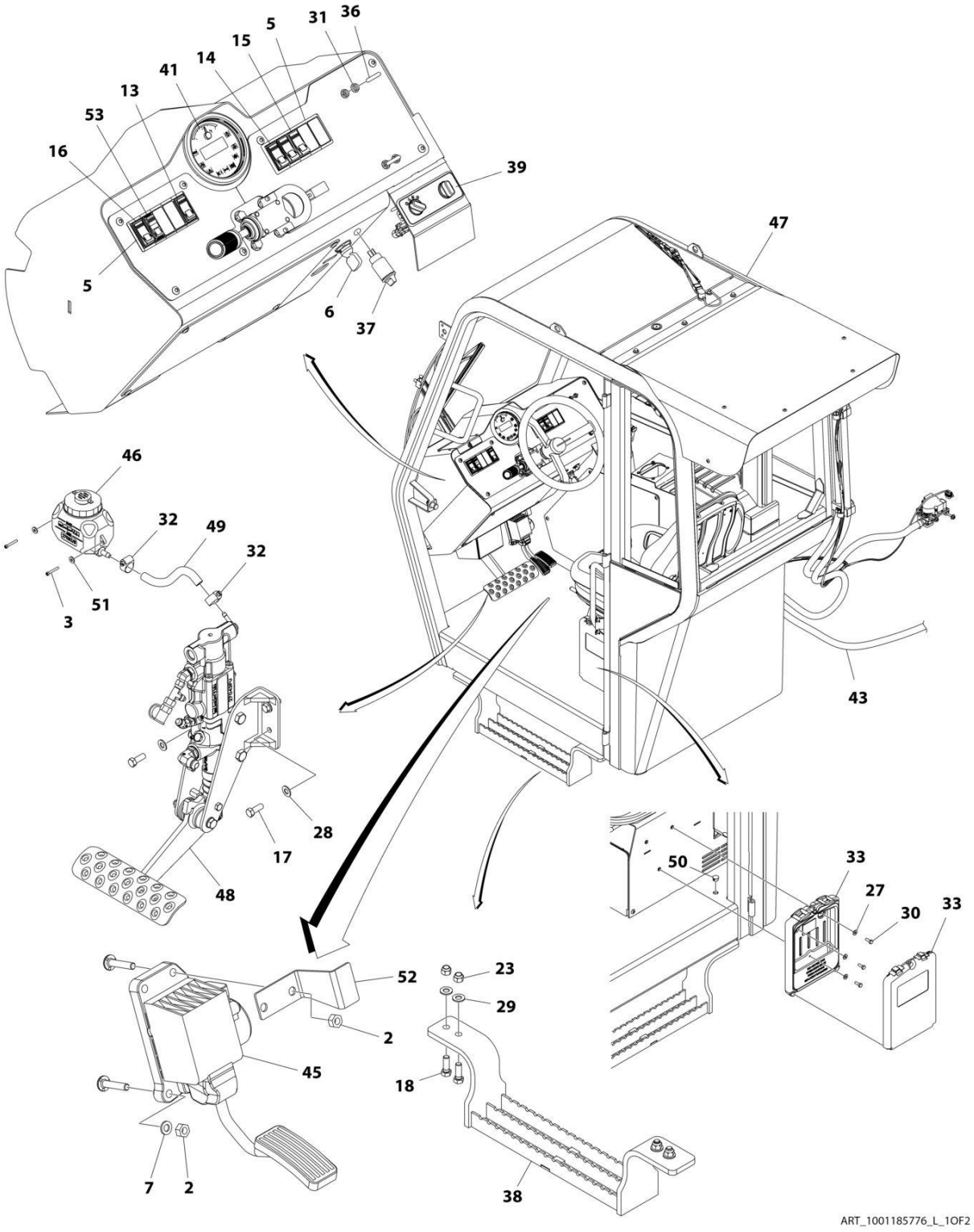


FIGURE 6-6. OPEN CAB INSTALLATION WITH RED LED LIGHT ON DASHBOARD

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 6-7. CAB INSTALLATION - ENCLOSED CAB WITH HEATER/AC (ORANGE SEAT BELT)



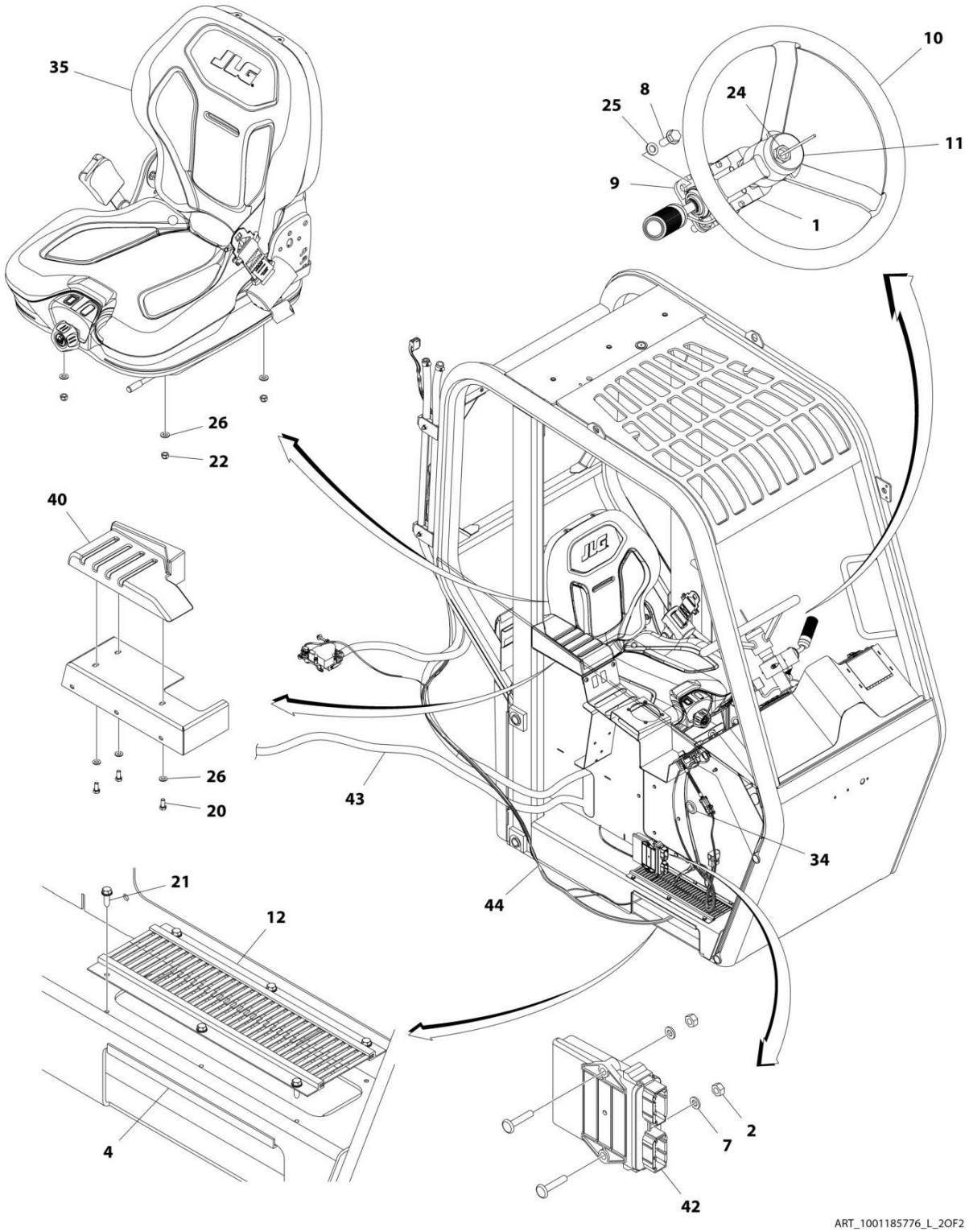

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FIGURE 6-7. CAB INSTALLATION - ENCLOSED CAB WITH HEATER/AC (ORANGE SEAT BELT)

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 6-8. CAB INSTALLATION - ENCLOSED CAB WITH HEATER

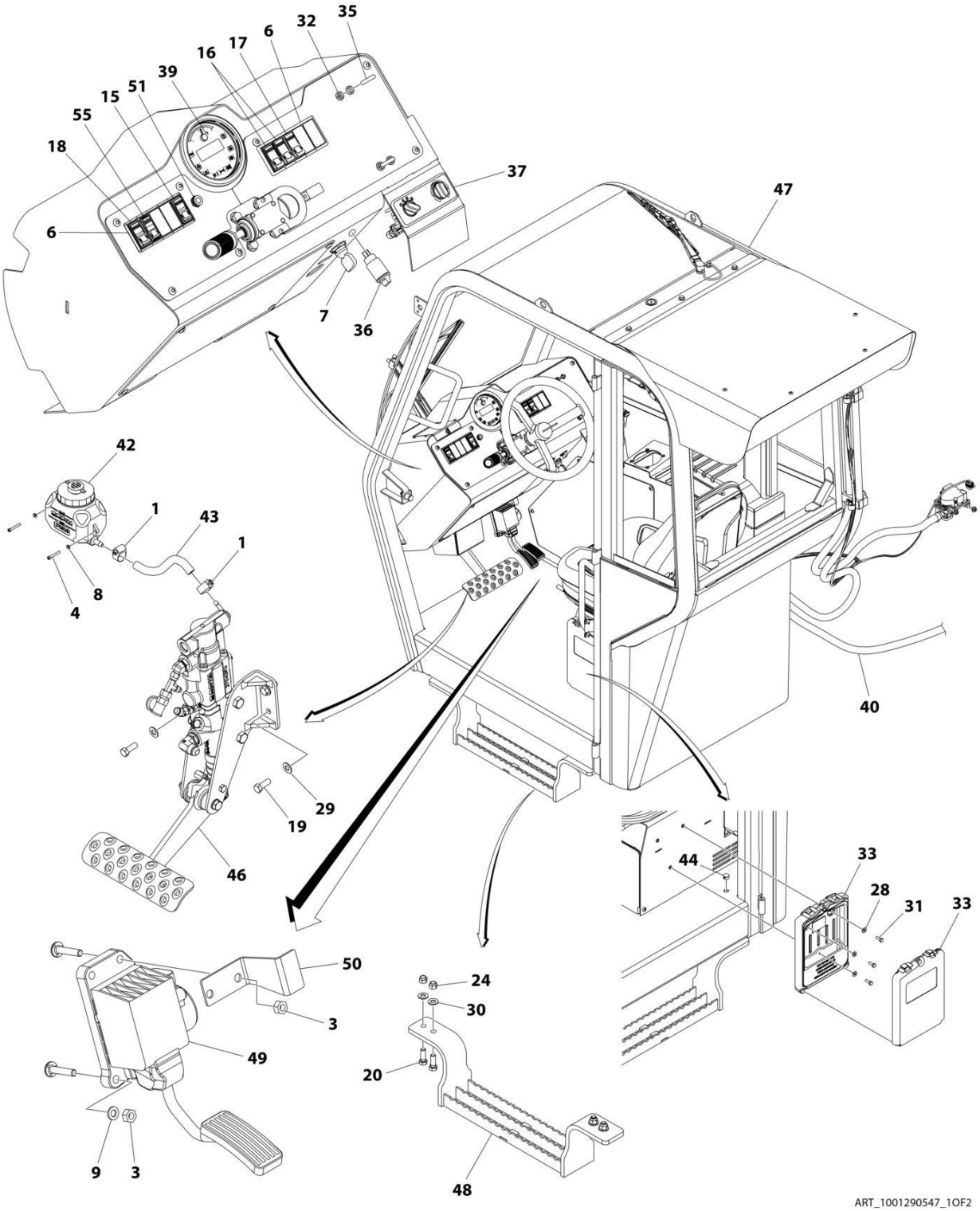


FIGURE 6-9. CAB INSTALLATION - ENCLOSED CAB WITH HEATER

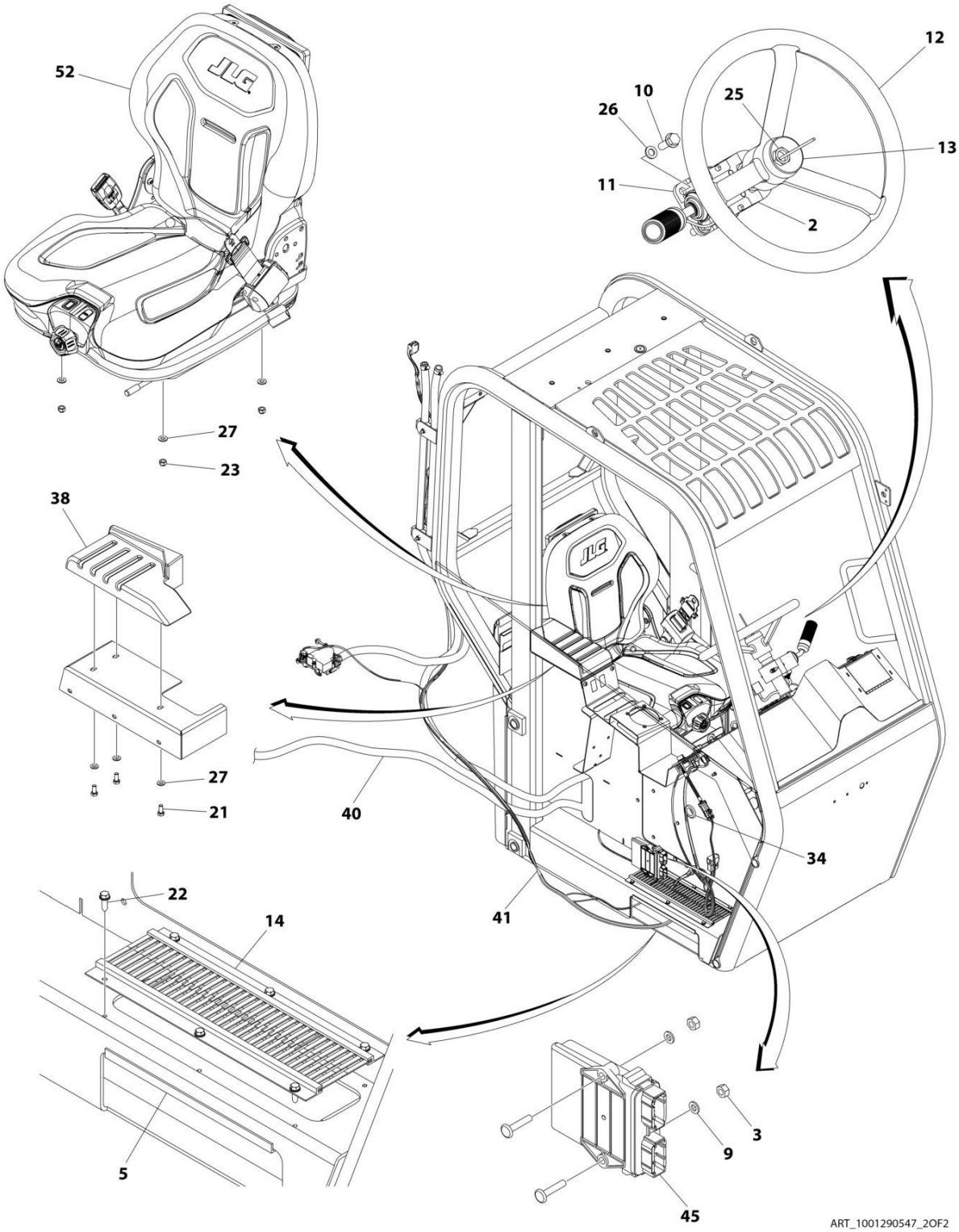


FIGURE 6-9. CAB INSTALLATION - ENCLOSED CAB WITH HEATER

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	

SECTION 6 - CAB

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 6-10. CAB ASSEMBLY - ENCLOSED WITH HEATER & BREAK RESERVOIR

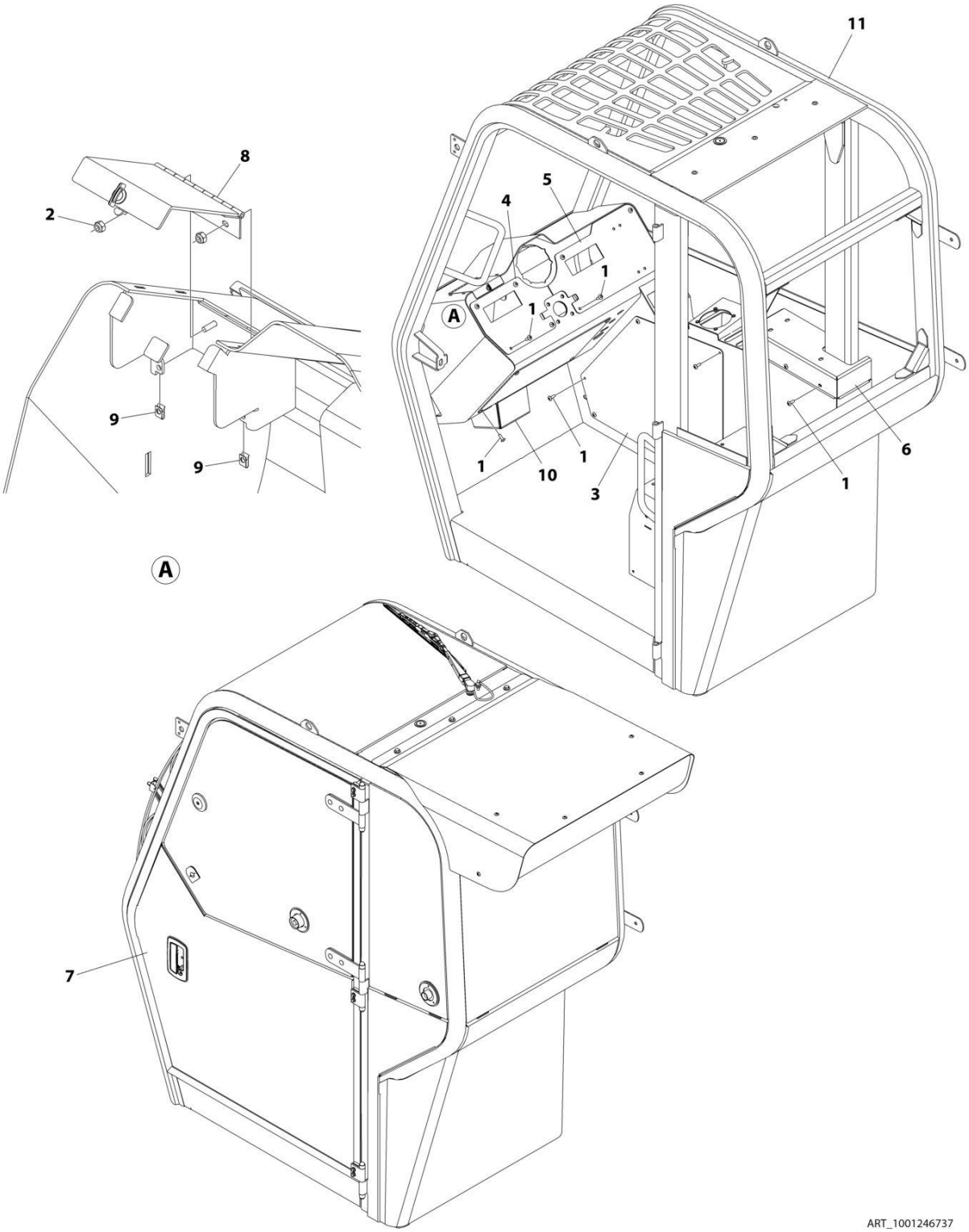


FIGURE 6-10. CAB ASSEMBLY - ENCLOSED WITH HEATER & BREAK RESERVOIR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001246737	Ref	CAB ENCLOSED WITH HEATER	G
1	8303034	22	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)	

FIGURE 6-11. CAB ASSEMBLY - ENCLOSED WITH HEATER & BREAK RESERVOIR (SN 0160124577 to Present)

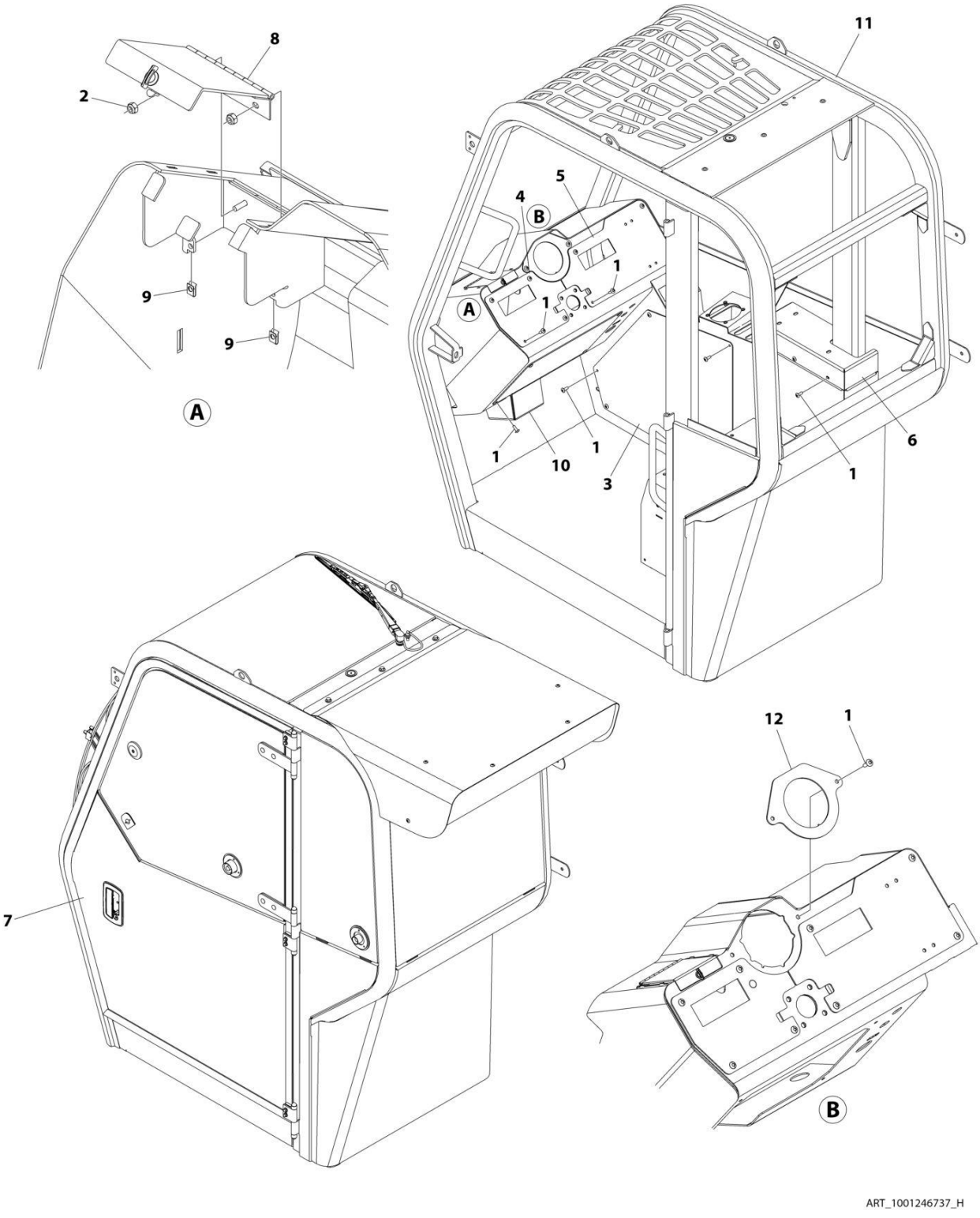


FIGURE 6-11. CAB ASSEMBLY - ENCLOSED WITH HEATER & BREAK RESERVOIR (SN 0160124577 to Present)

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 6-12. CAB ASSEMBLY - ENCLOSED WITH HEATER

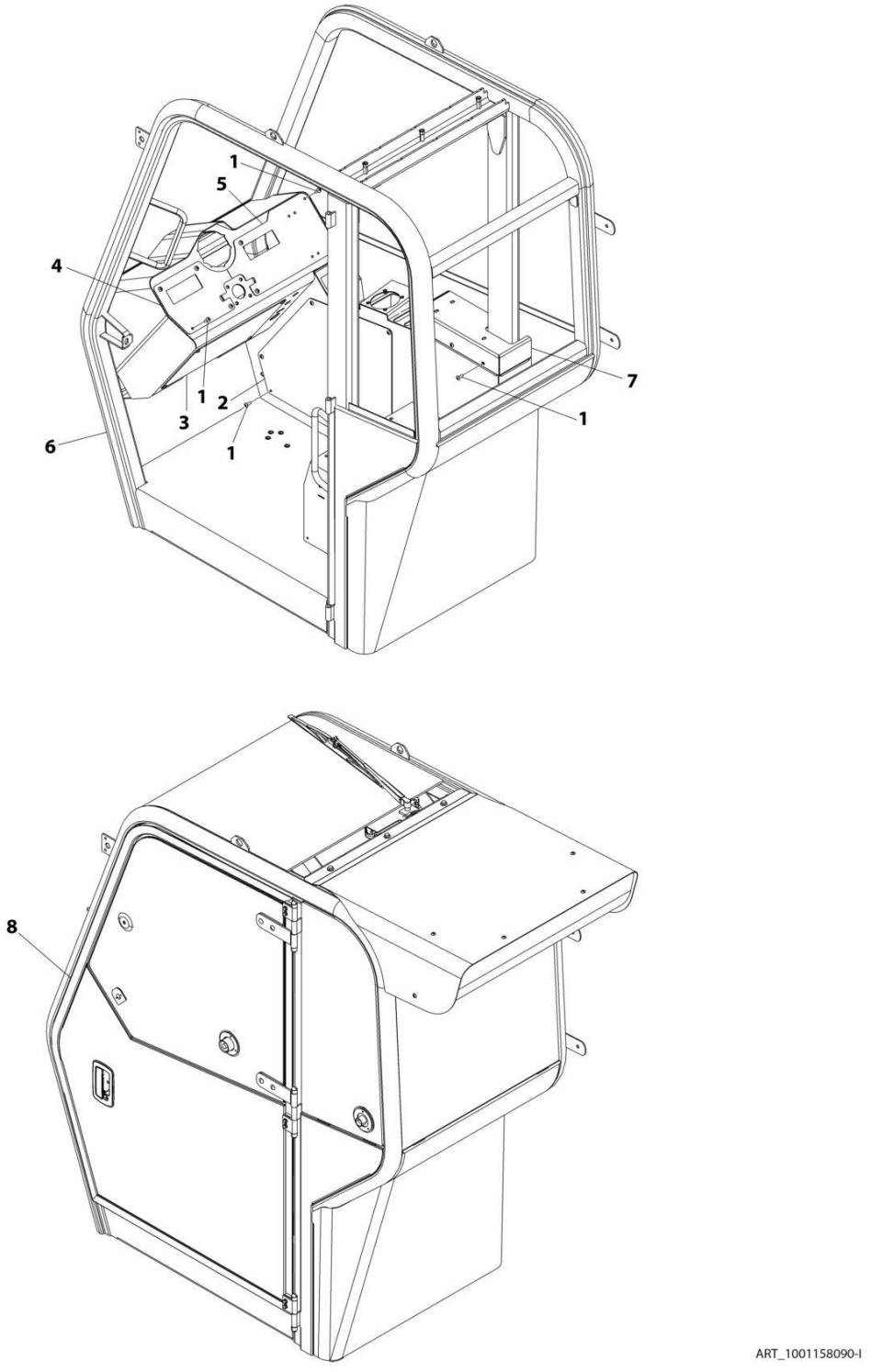


FIGURE 6-12. CAB ASSEMBLY - ENCLOSED WITH HEATER

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 6-13. CAB ENCLOSURE WITH HEATER

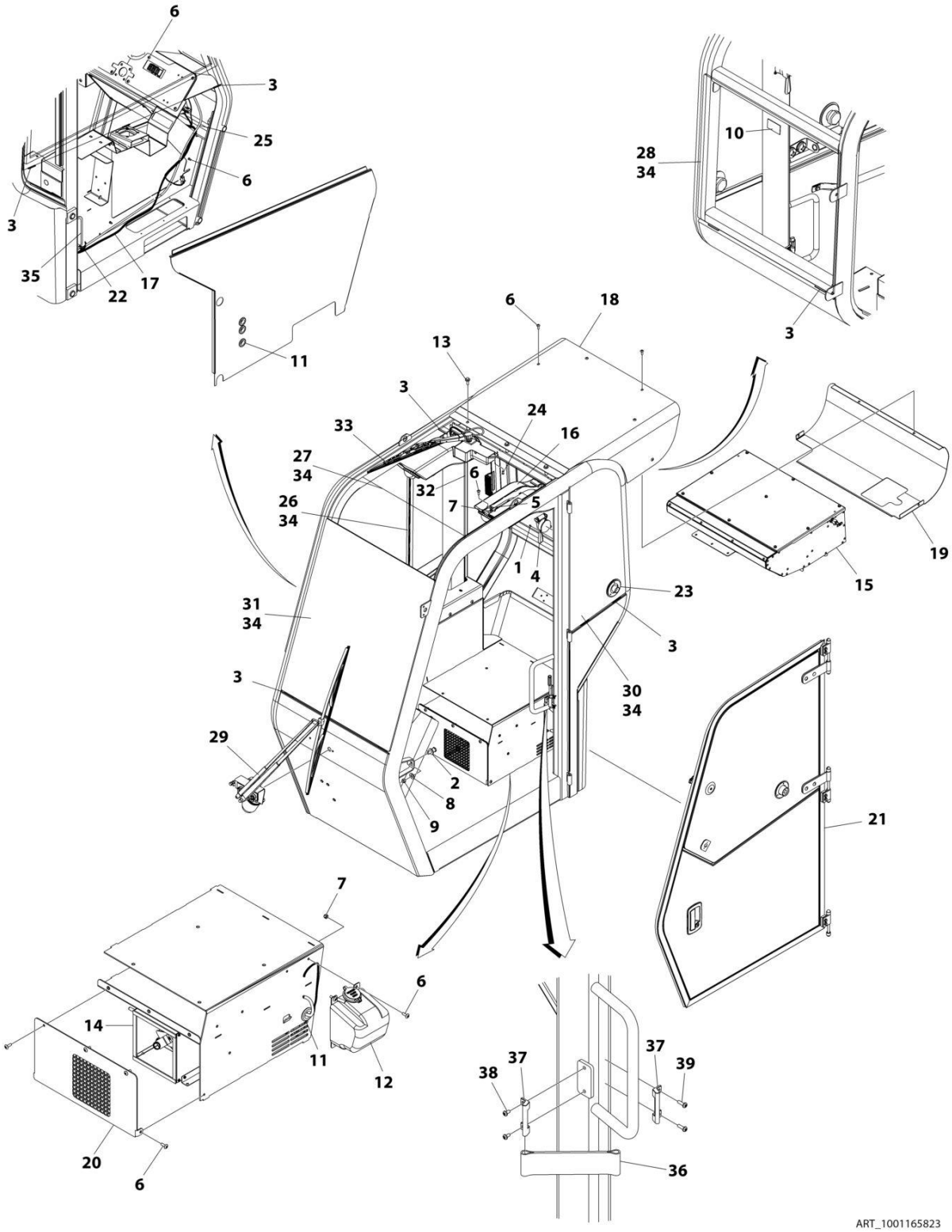
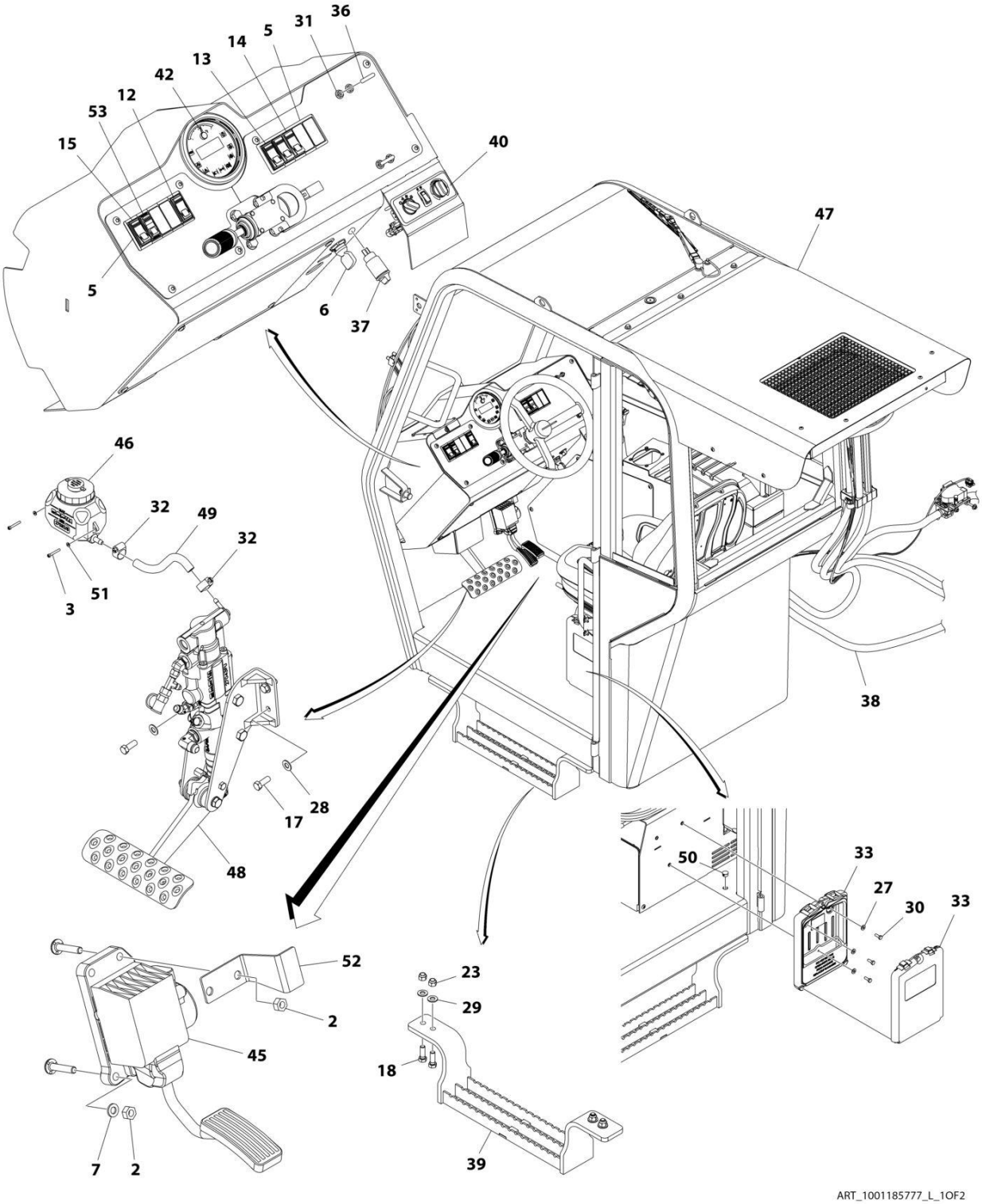


FIGURE 6-13. CAB ENCLOSURE WITH HEATER

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 6-14. CAB INSTALLATION - ENCLOSED CAB WITH HEATER/AC



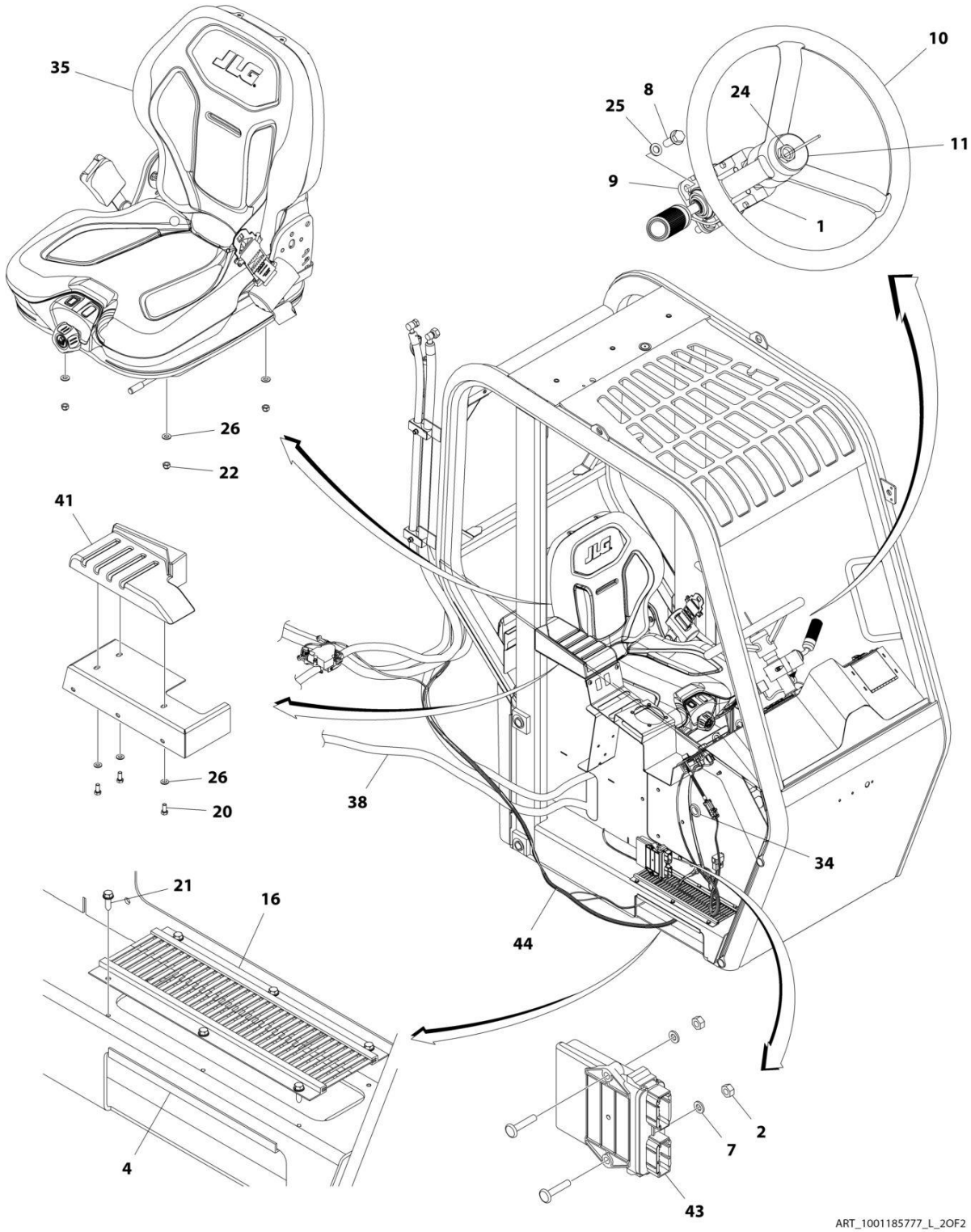
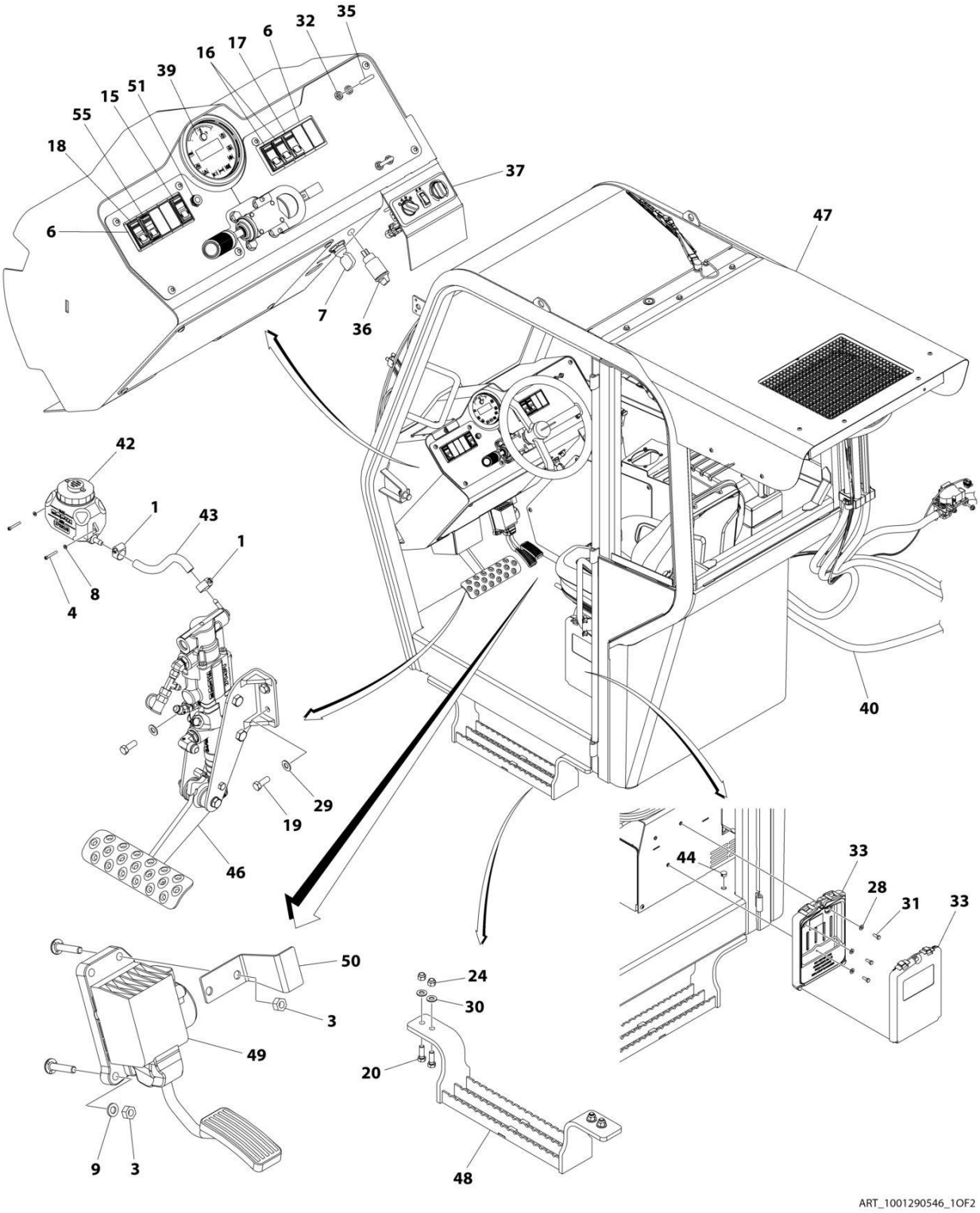

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FIGURE 6-14. CAB INSTALLATION - ENCLOSED CAB WITH HEATER/AC

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 6-15. CLOSED CAB WITH HVAC INSTALLATION



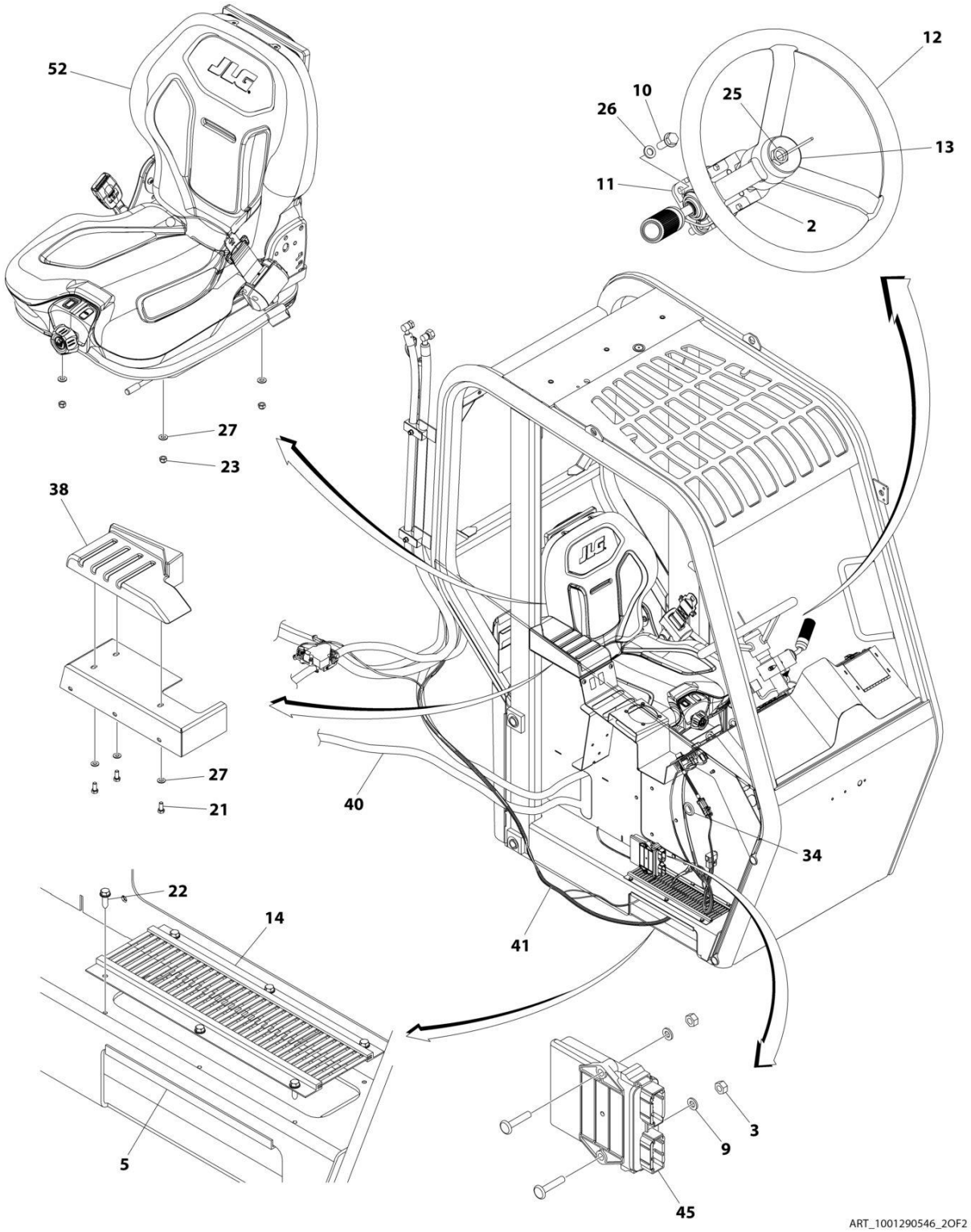

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ART_1001290546_2OF2

FIGURE 6-15. CLOSED CAB WITH HVAC 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 6-16. CAB ASSEMBLY - ENCLOSED WITH HEATER & AC WITH BREAK RESEVOIR

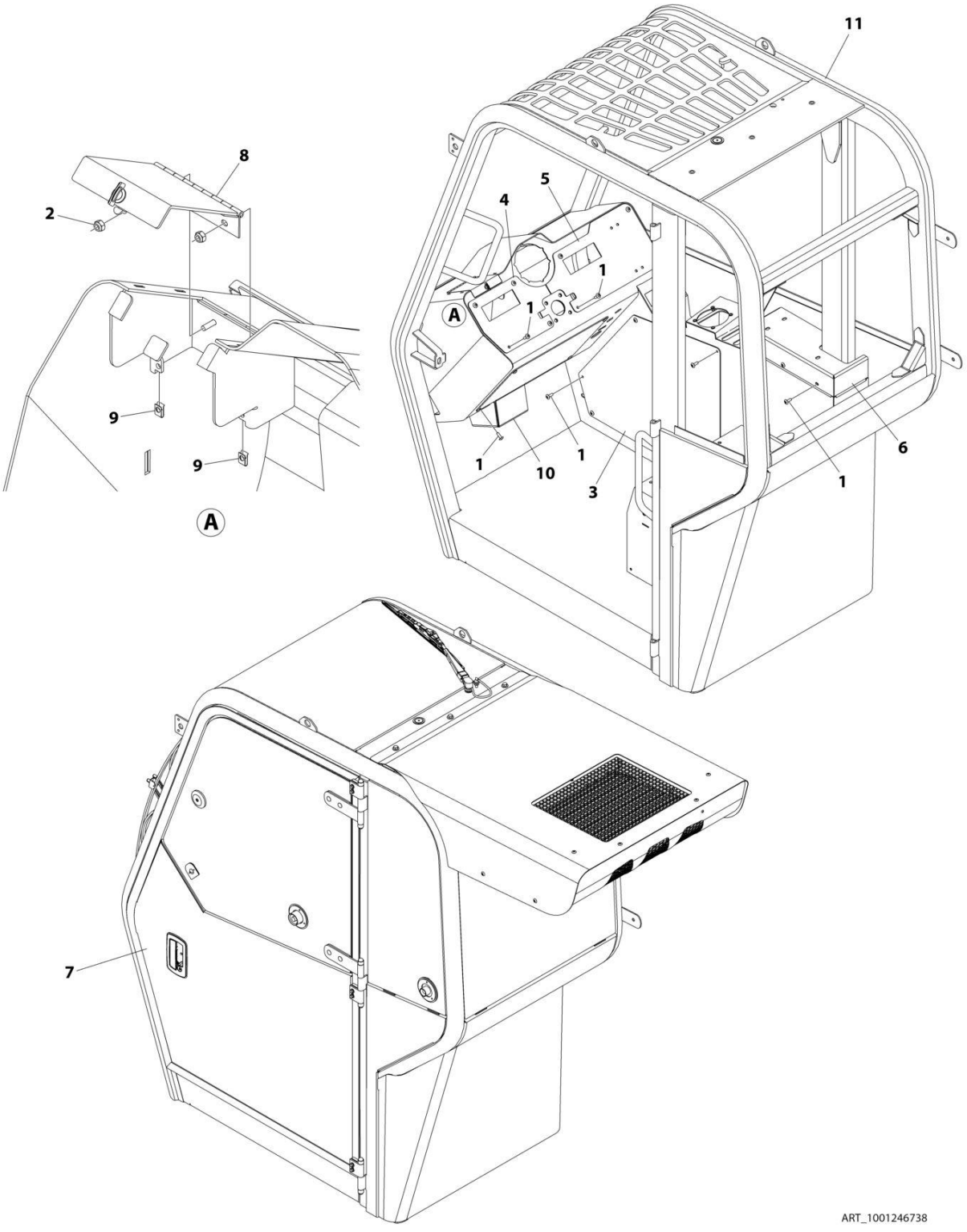


FIGURE 6-16. CAB ASSEMBLY - ENCLOSED WITH HEATER & AC WITH BREAK RESEVOIR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001246738	Ref	CAB ENCLOSED WITH HEATER/AC	F
1	8303034	22	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	

FIGURE 6-17. CAB ASSEMBLY - ENCLOSED WITH HEATER & AC WITH BREAK RESEVOIR (SN 0160124577 to Present)

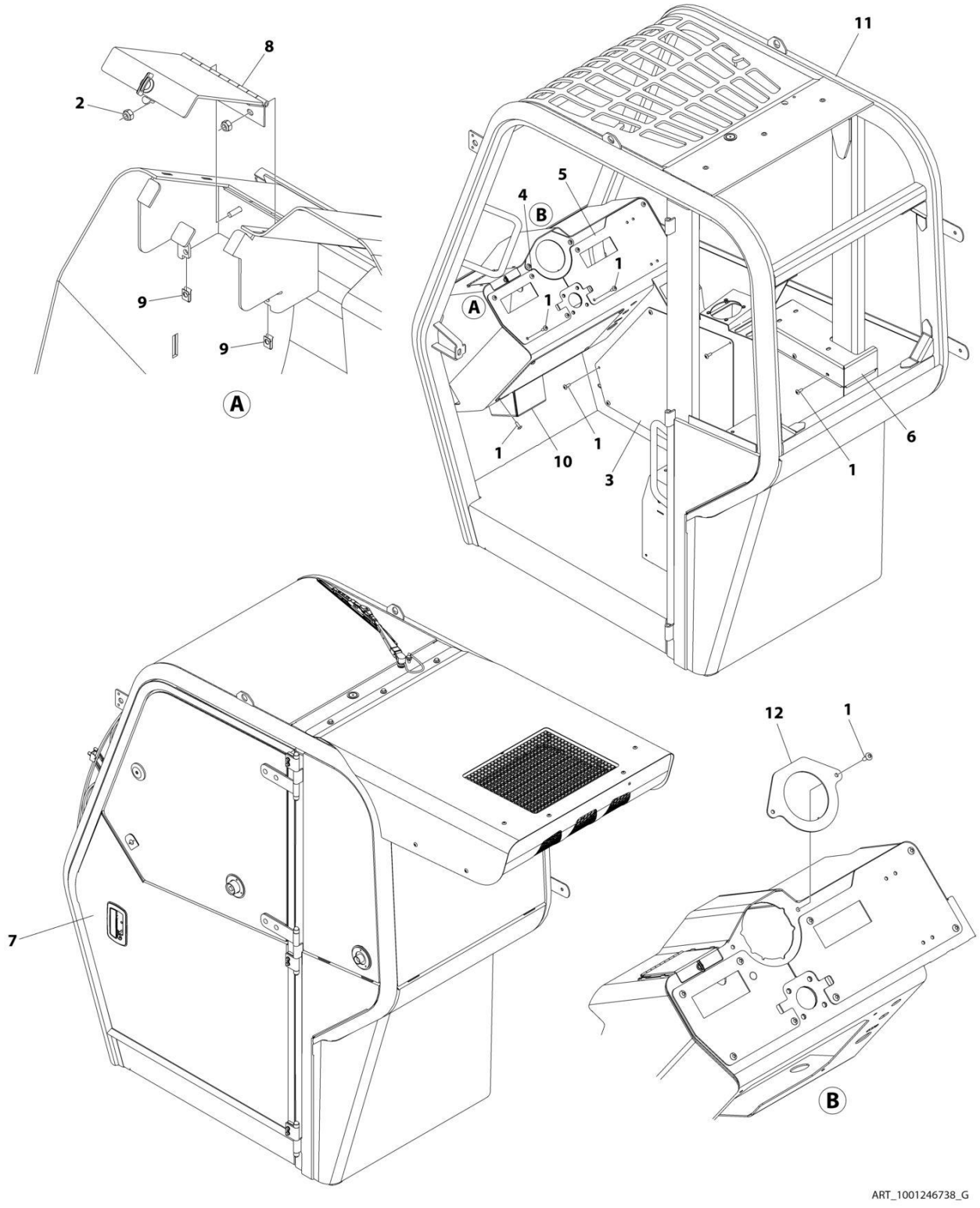


FIGURE 6-17. CAB ASSEMBLY - ENCLOSED WITH HEATER & AC WITH BREAK RESEVOIR (SN 0160124577 to Present)

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 6-18. CAB ASSEMBLY - ENCLOSED WITH HEATER & AC

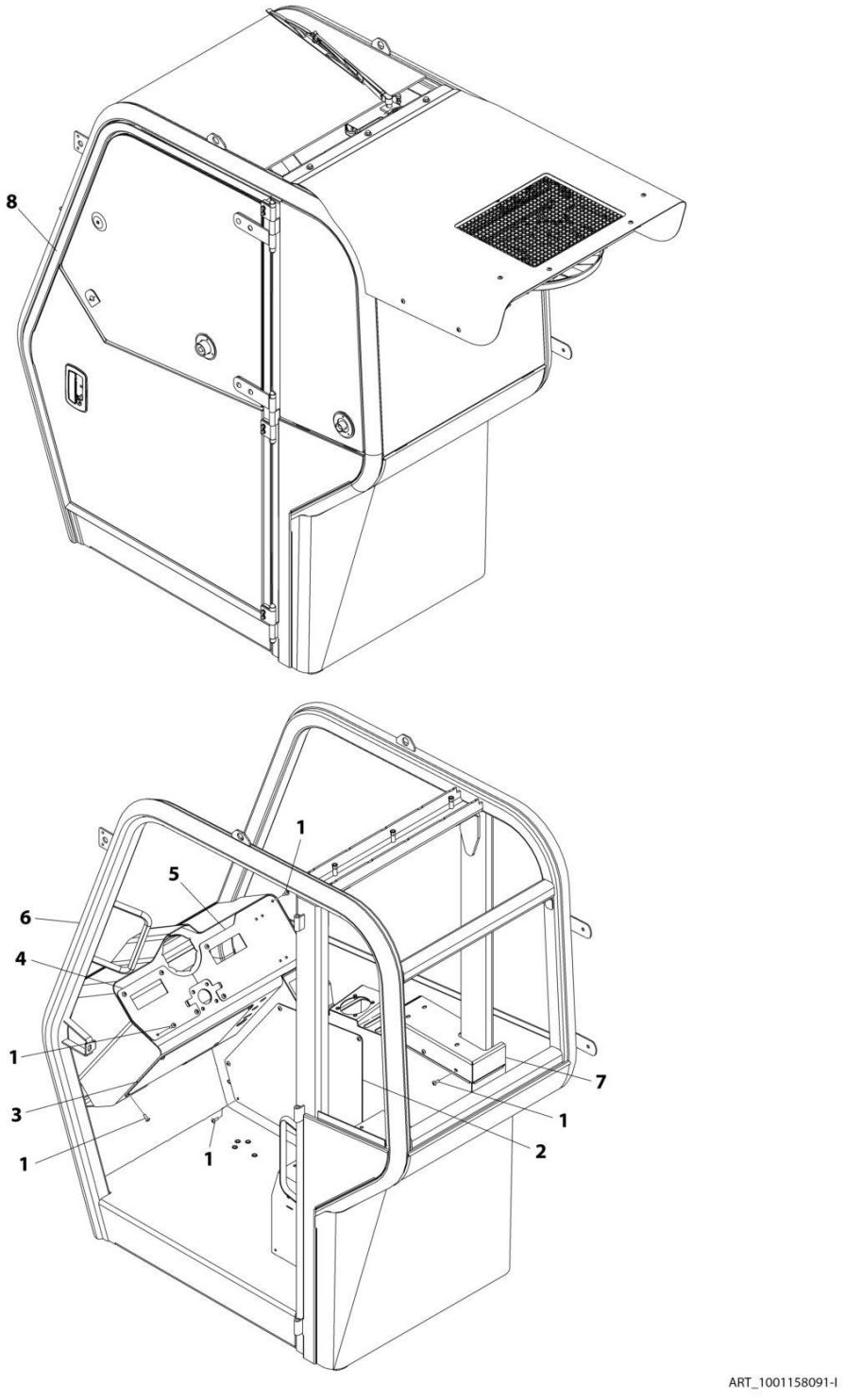


FIGURE 6-18. CAB ASSEMBLY - ENCLOSED WITH HEATER & AC

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 6-19. CAB ENCLOSURE WITH HEATER & AC

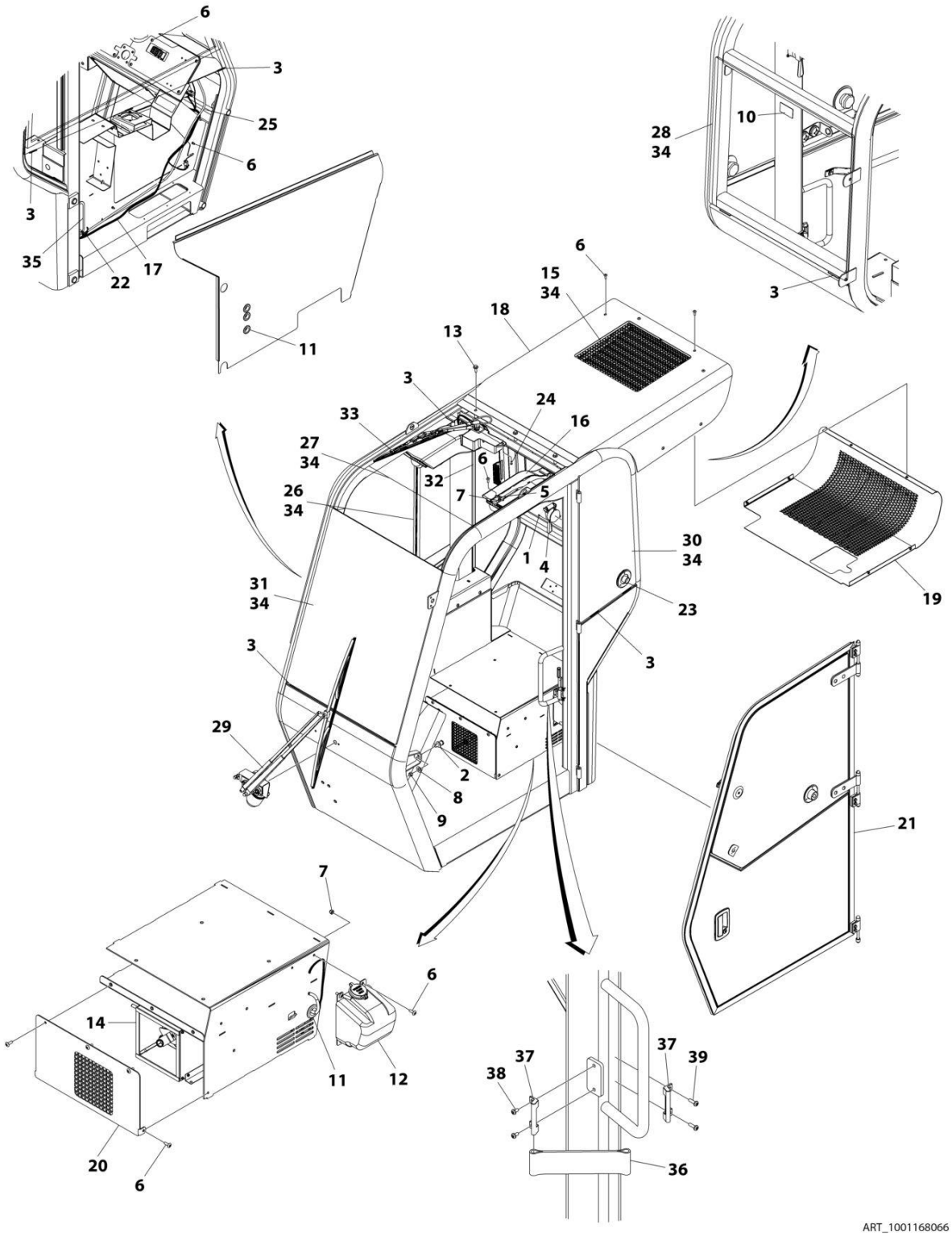


FIGURE 6-19. CAB ENCLOSURE WITH HEATER & AC

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 6-20. CAB DOOR ASSEMBLY

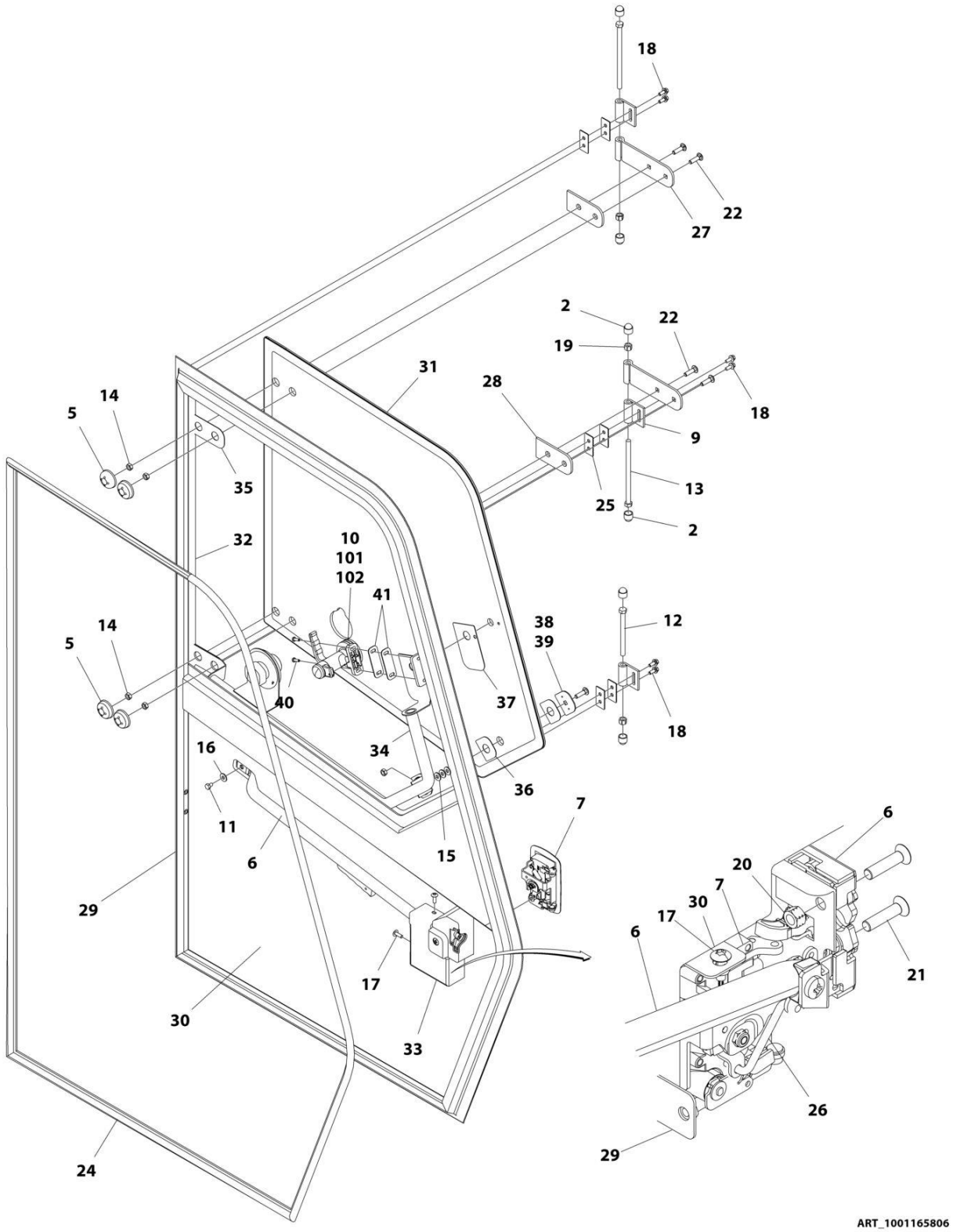


FIGURE 6-20. CAB DOOR ASSEMBLY

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 6-21. SLIDER WINDOW ASSEMBLY (RH)

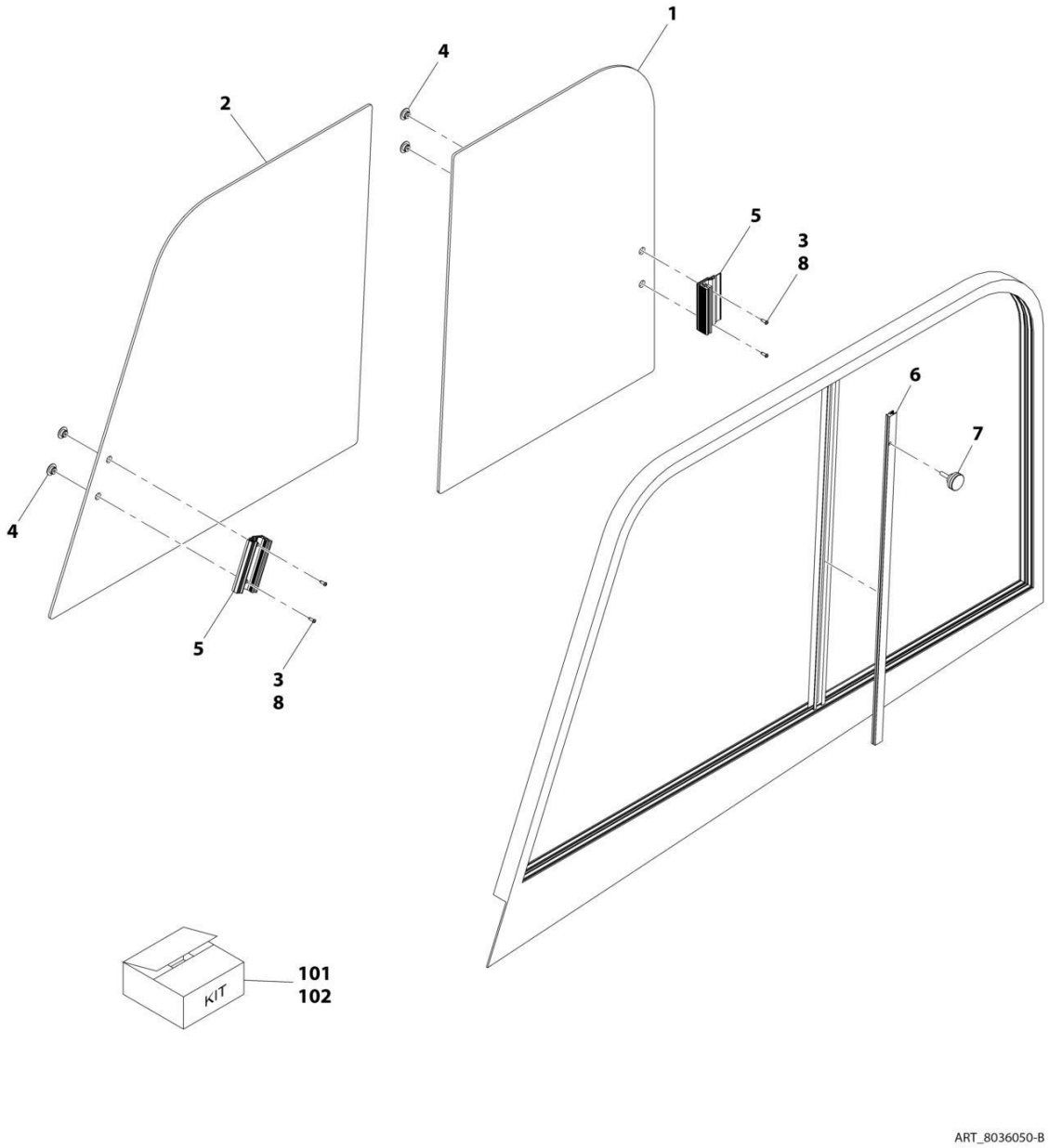


FIGURE 6-21. SLIDER WINDOW ASSEMBLY (RH)

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 6-22. WIPER INSTALLATION (FRONT)

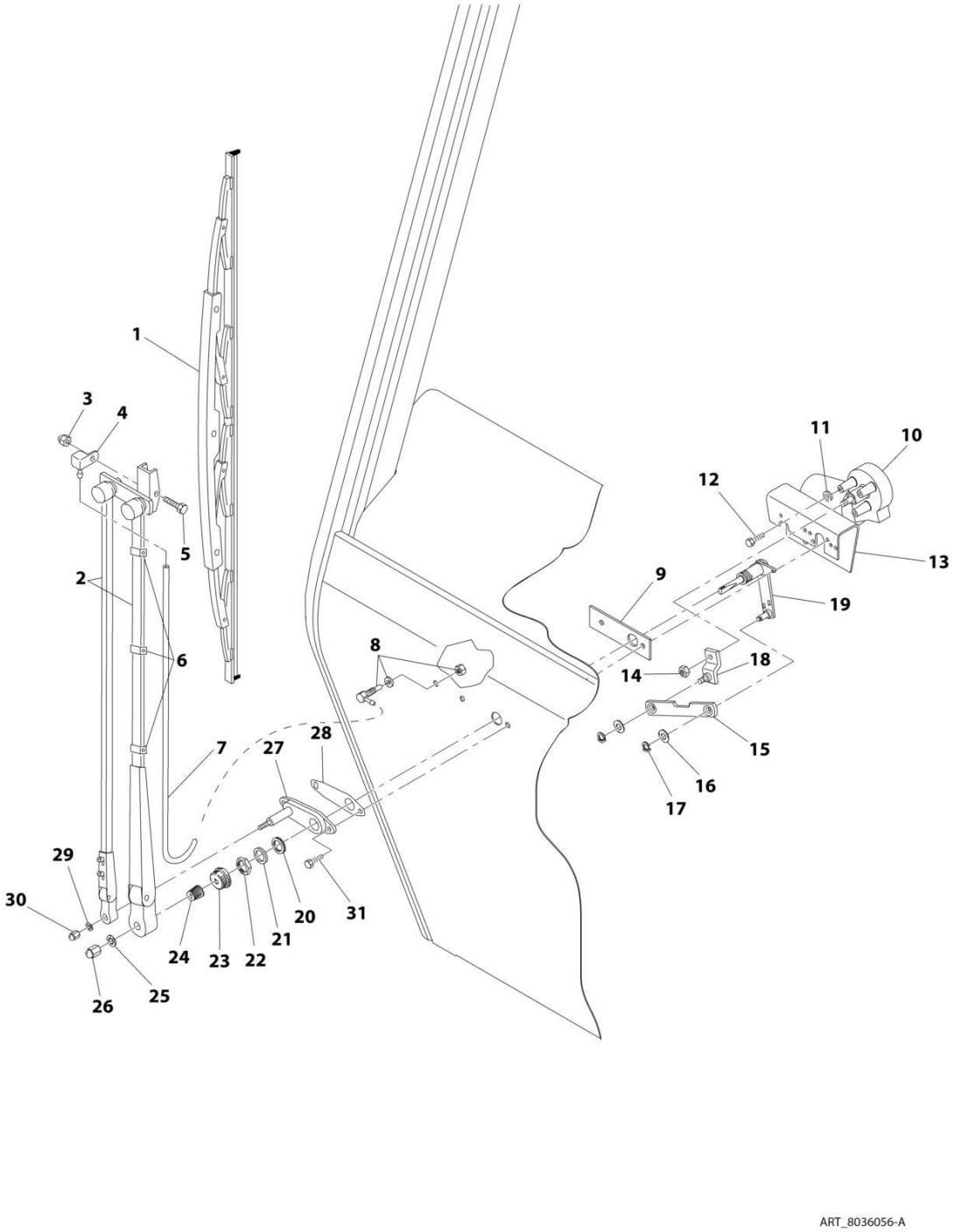


FIGURE 6-22. WIPER INSTALLATION (FRONT)

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 6-23. WIPER INSTALLATION (SKYLIGHT)

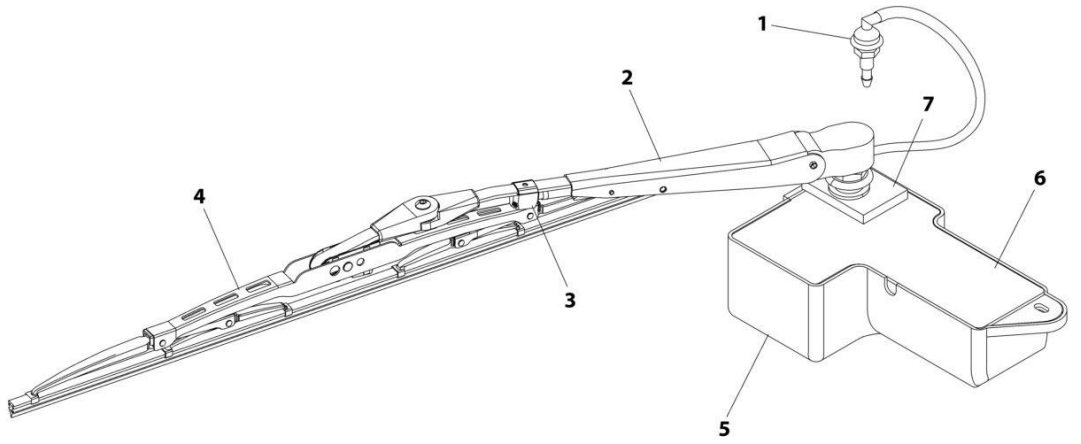


FIGURE 6-23. WIPER INSTALLATION (SKYLIGHT)

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	

FIGURE 6-24. CAB SEAT (ORANGE SEAT BELT)

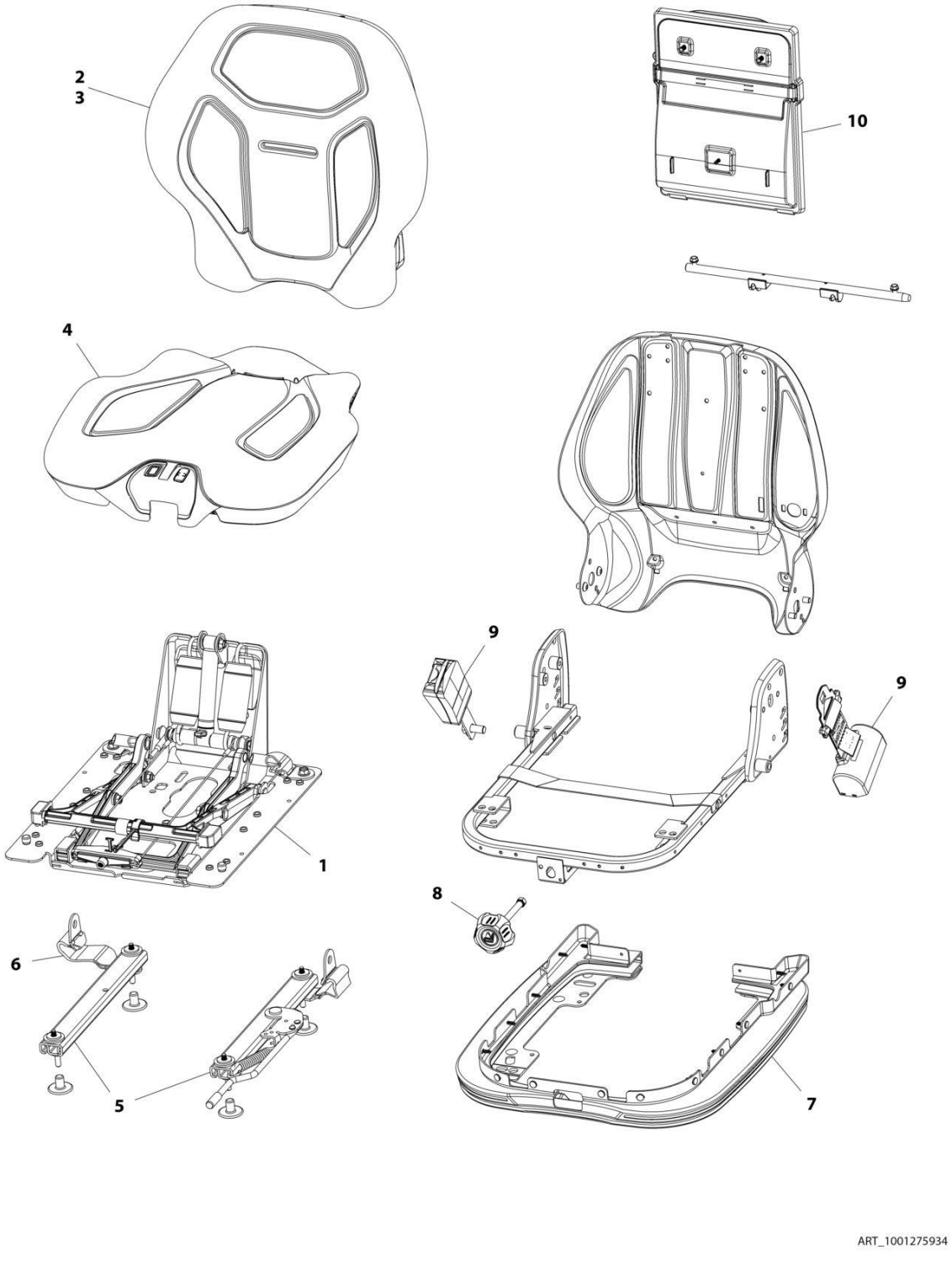


FIGURE 6-24. CAB SEAT (ORANGE SEAT BELT)

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 6-25. SEAT ASSEMBLY - VINYL



FIGURE 6-25. 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 6-26. SEAT BELT INSTALLATION (3 INCH)

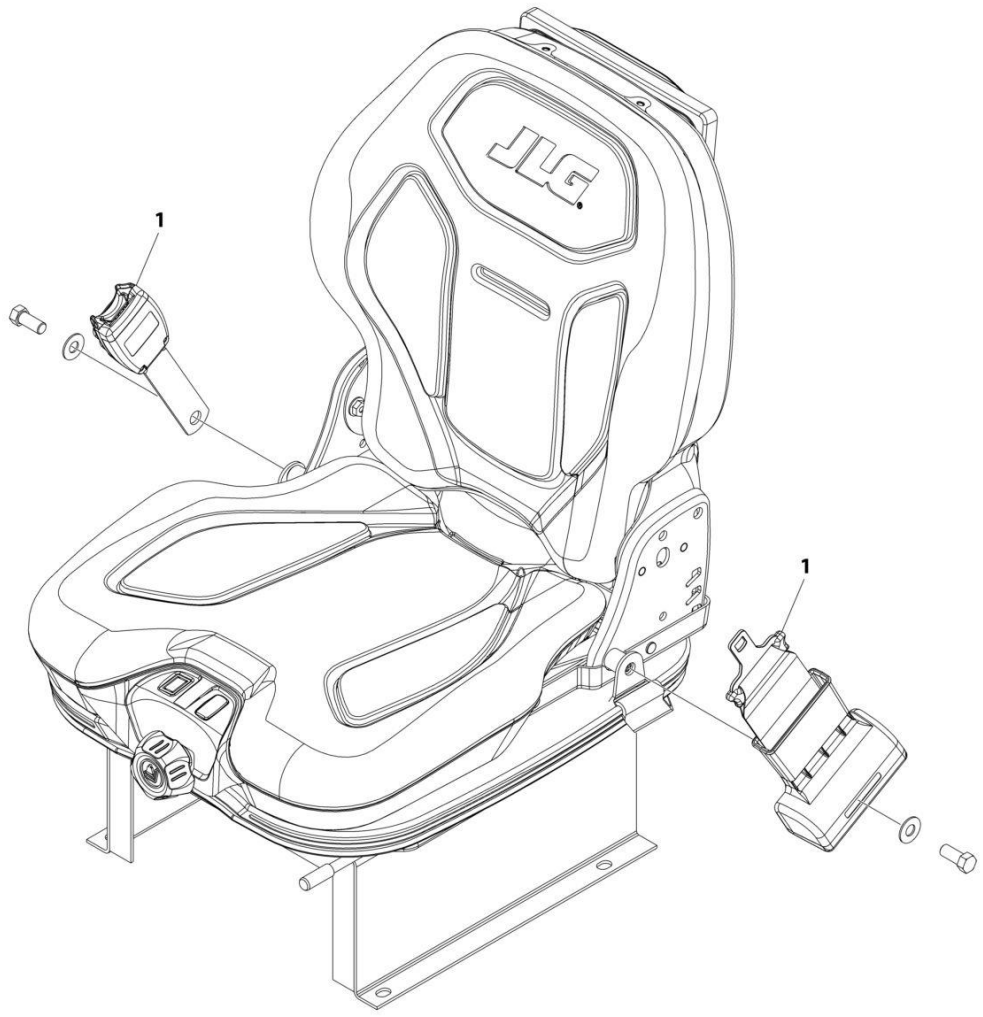


FIGURE 6-26. SEAT BELT INSTALLATION (3 INCH)

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

FIGURE 6-27. HEATER ASSEMBLY - FLOOR

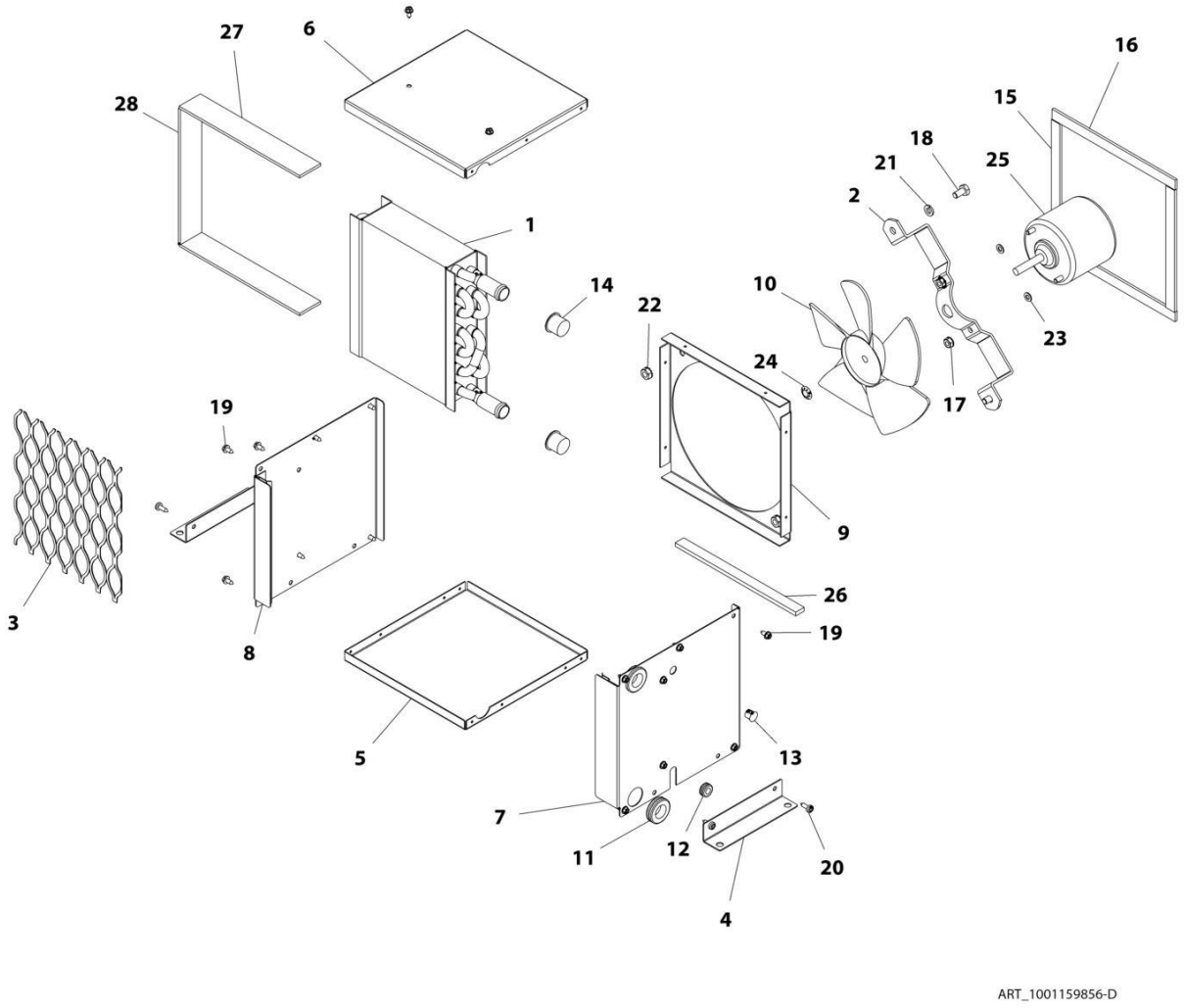


FIGURE 6-27. HEATER ASSEMBLY - FLOOR

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 6-28. HEATER BOX ASSEMBLY - HEATER

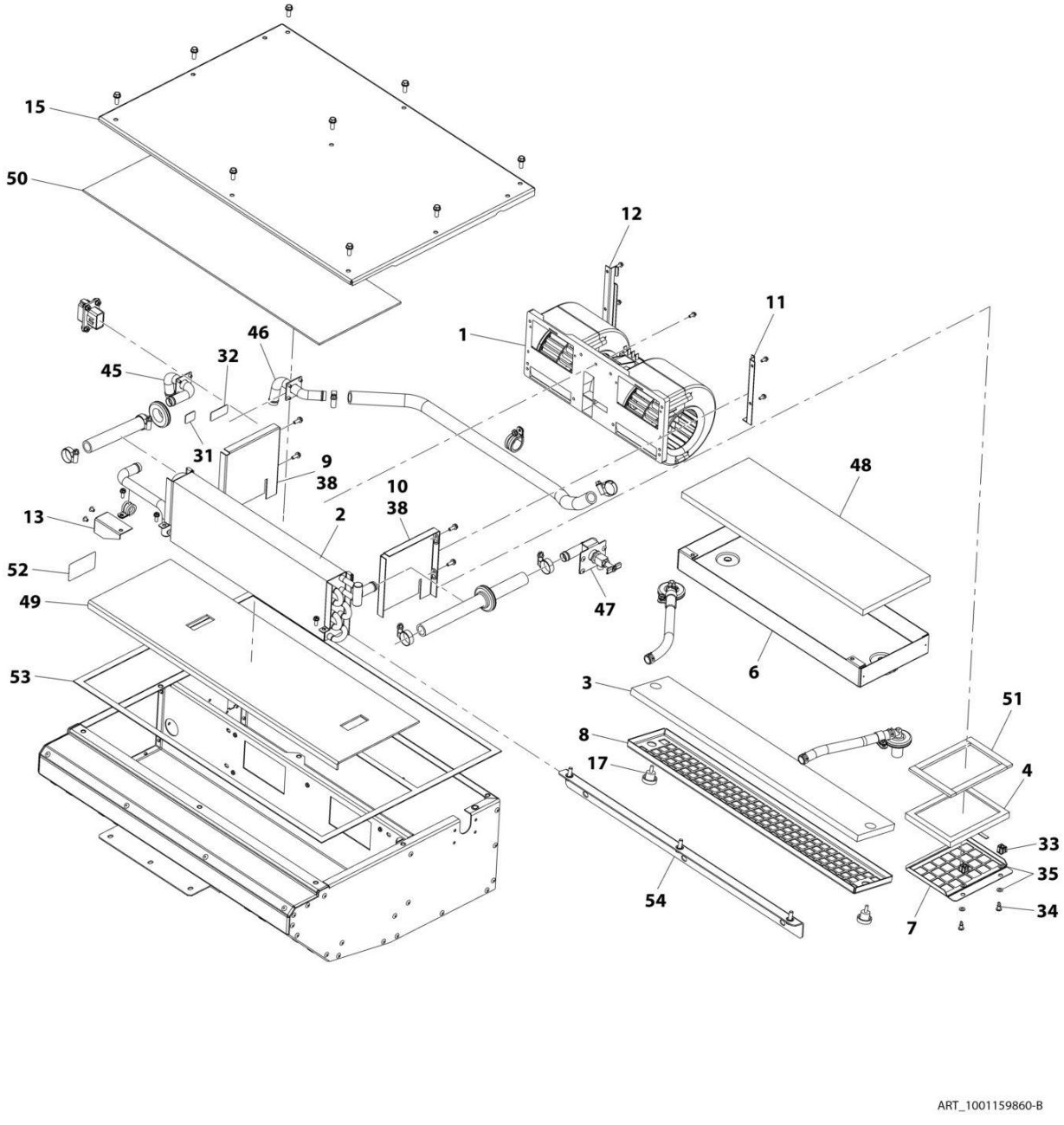


FIGURE 6-28. HEATER BOX ASSEMBLY - HEATER

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 6-29. HEATER BOX ASSEMBLY - HEATER & AC

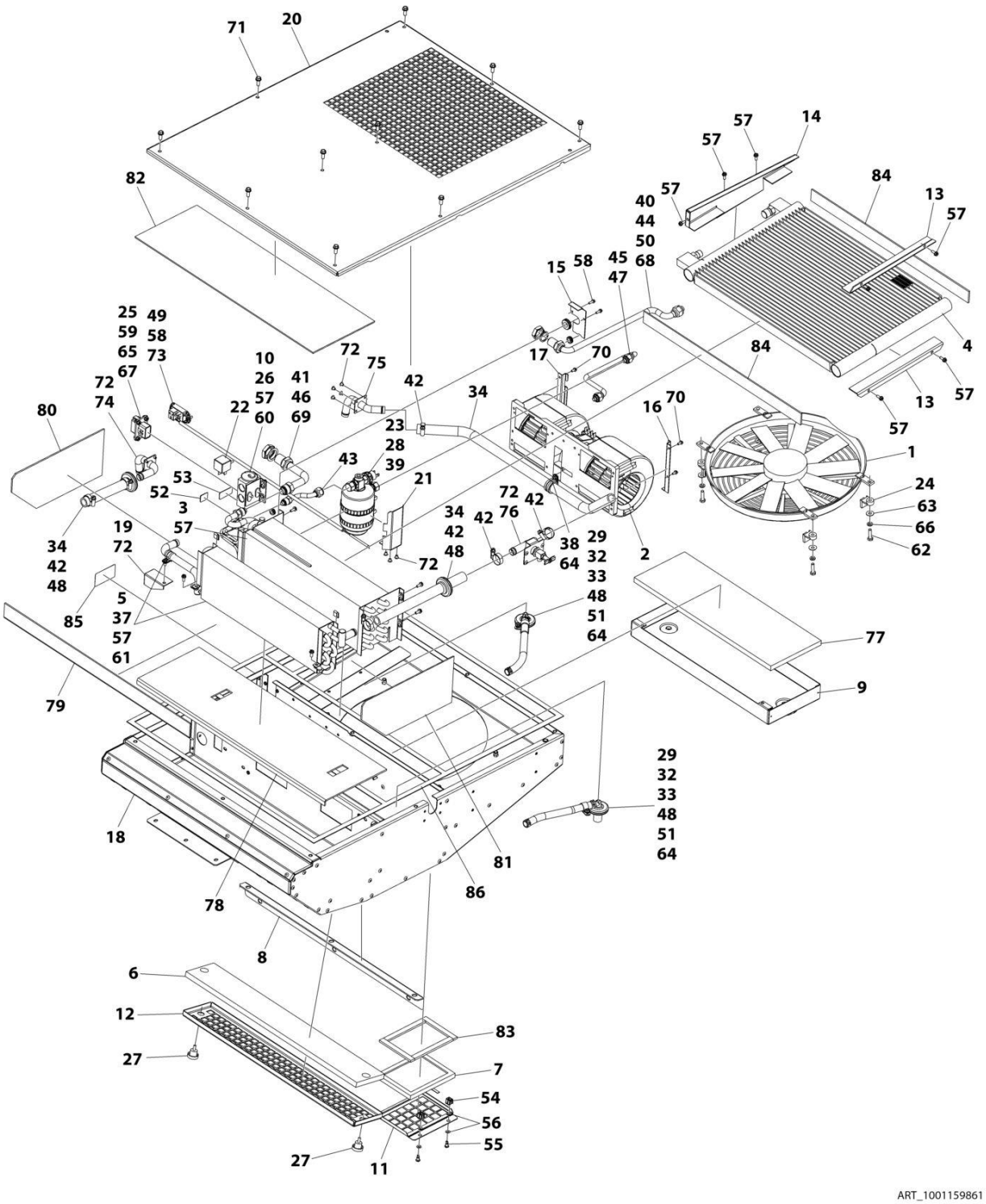


FIGURE 6-29. HEATER BOX ASSEMBLY - HEATER & AC

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 6-30. CAB HEATER LINES INSTALLATION - HEATER ONLY

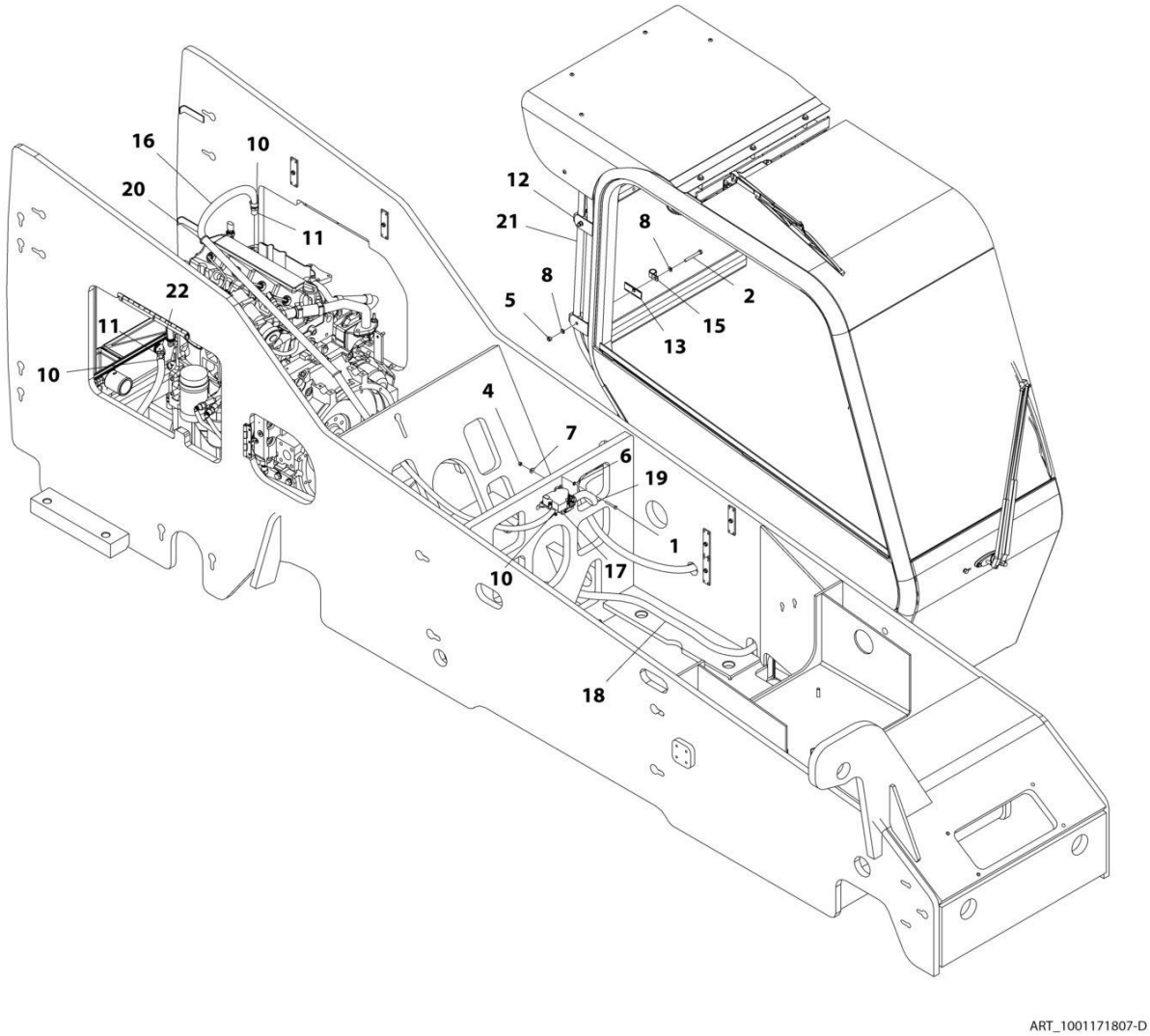


FIGURE 6-30. CAB HEATER LINES INSTALLATION - HEATER ONLY

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 6-31. CAB HEATER LINES INSTALLATION - HEATER & AC

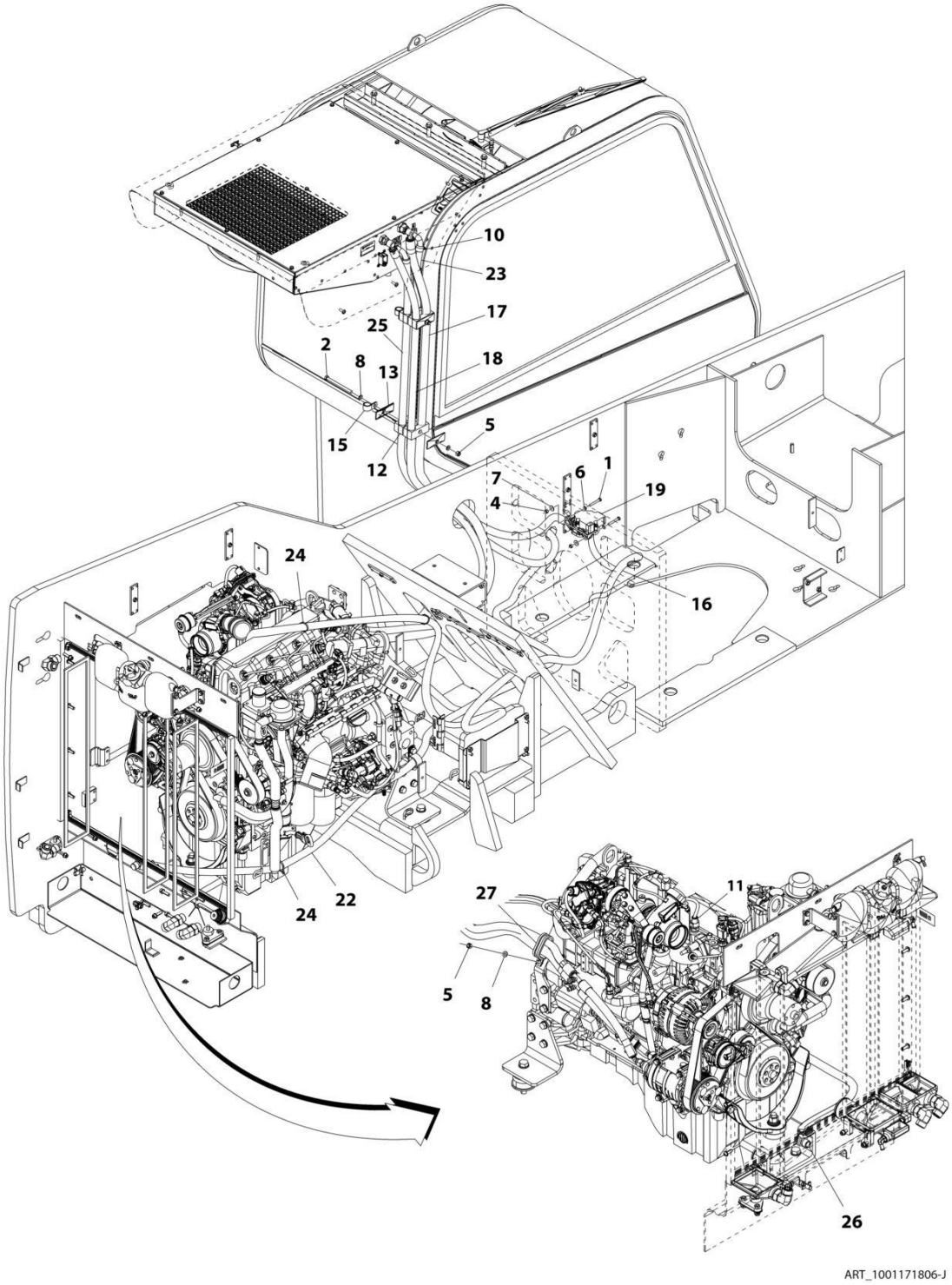


FIGURE 6-31. CAB HEATER LINES INSTALLATION - HEATER & AC

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 6-32. HEATER VALVE ASSEMBLY

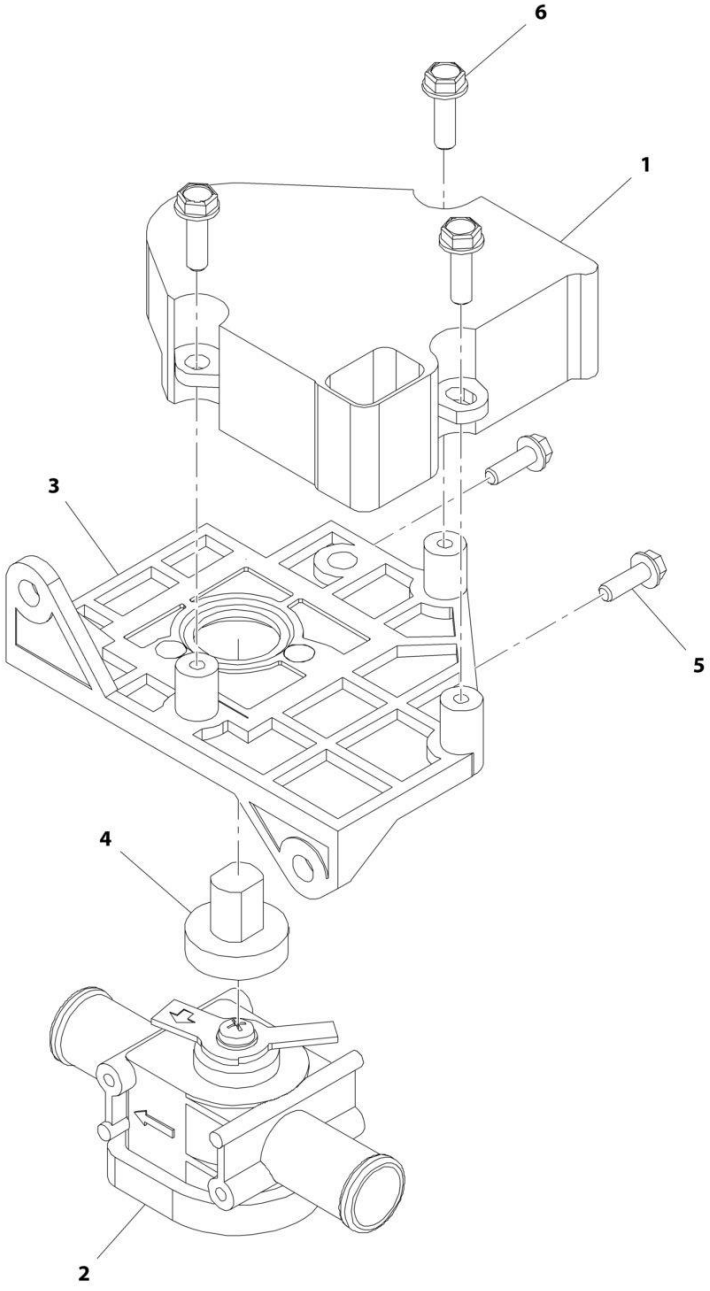


FIGURE 6-32. HEATER VALVE ASSEMBLY

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 6-33. REAR WINDOW INSTALLATION (ANSI ENGLISH)

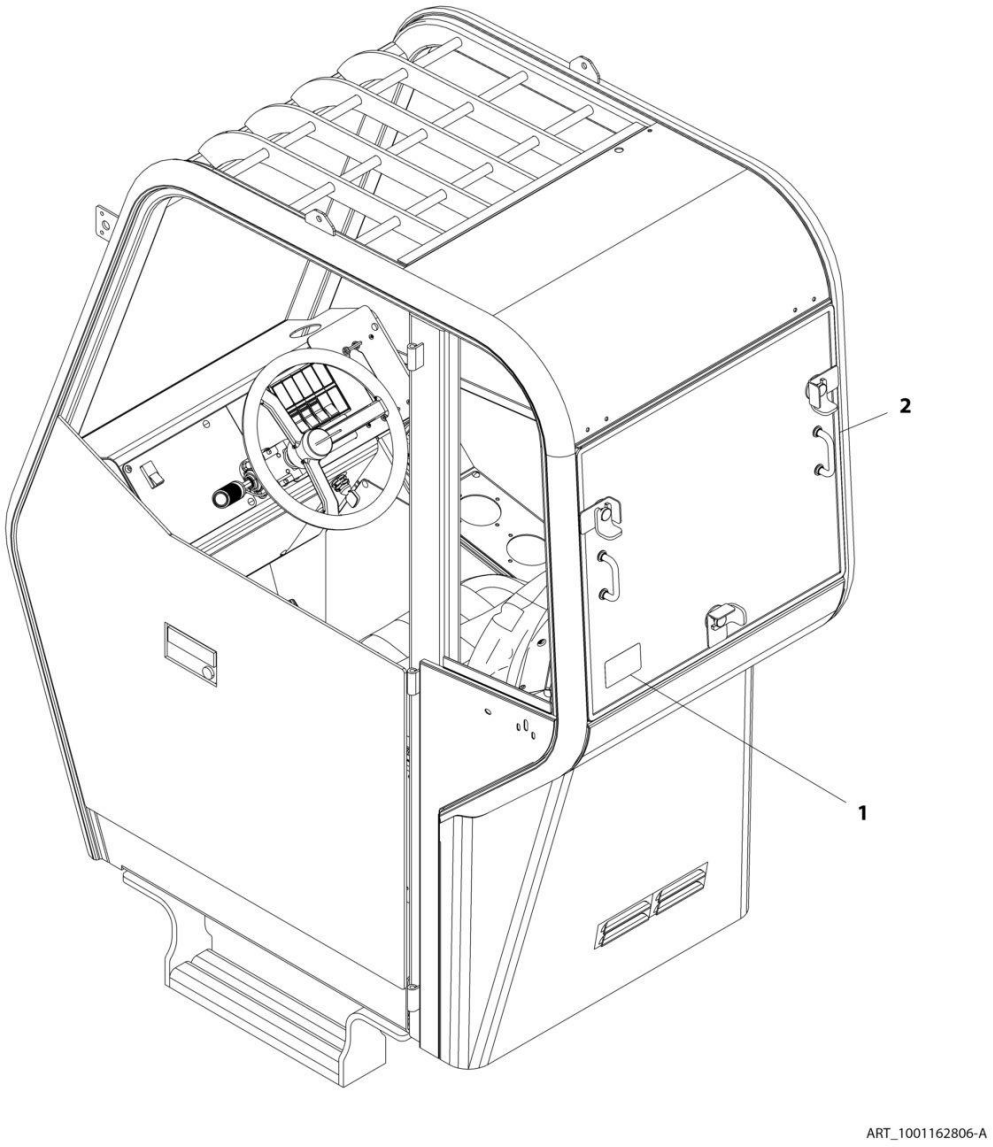


FIGURE 6-33. REAR WINDOW INSTALLATION (ANSI ENGLISH)

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 6-34. REAR WINDOW INSTALLATION (ENGLISH/SPANISH)

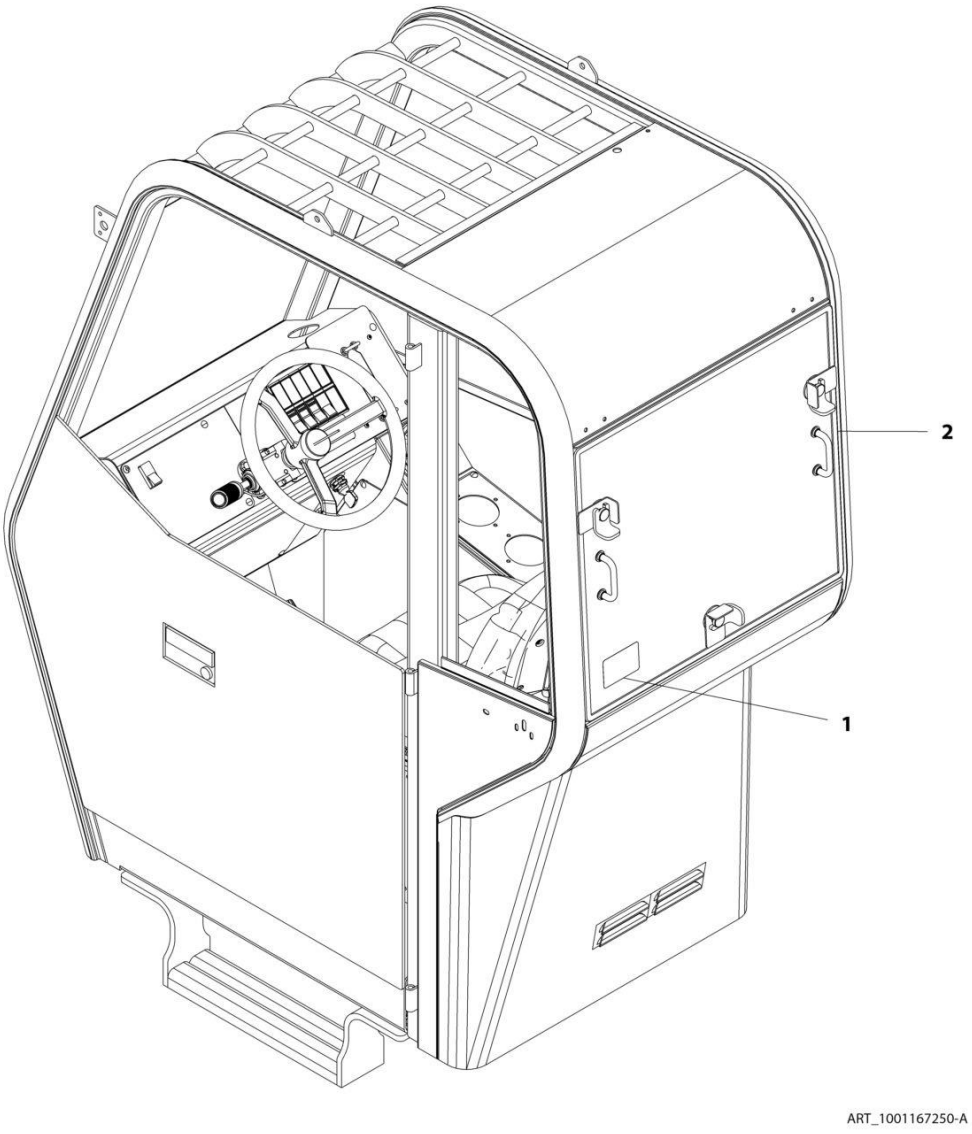


FIGURE 6-34. REAR WINDOW INSTALLATION (ENGLISH/SPANISH)

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 6-35. REAR WINDOW INSTALLATION (ENGLISH/SPANISH)

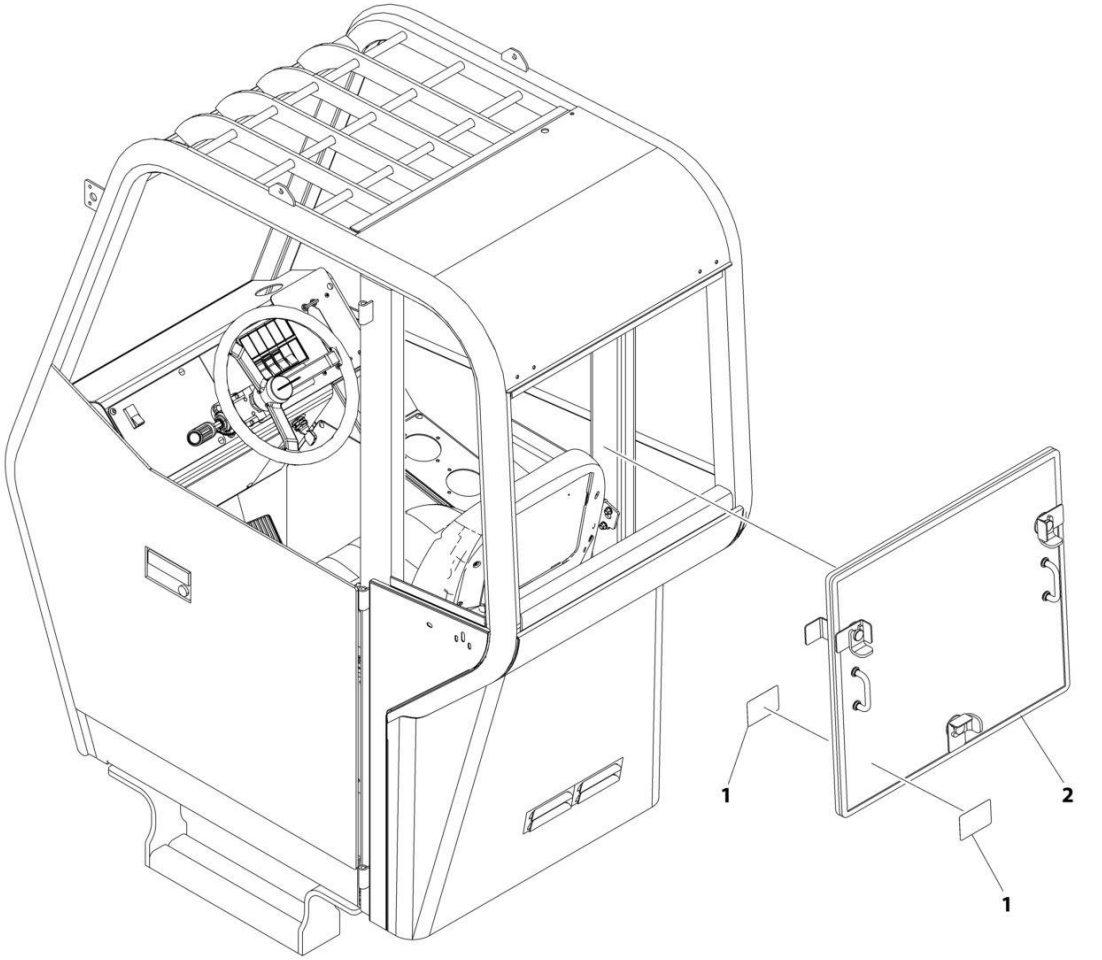


FIGURE 6-35. REAR WINDOW INSTALLATION (ENGLISH/SPANISH)

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 6-36. REAR WINDOW INSTALLATION (ISO)

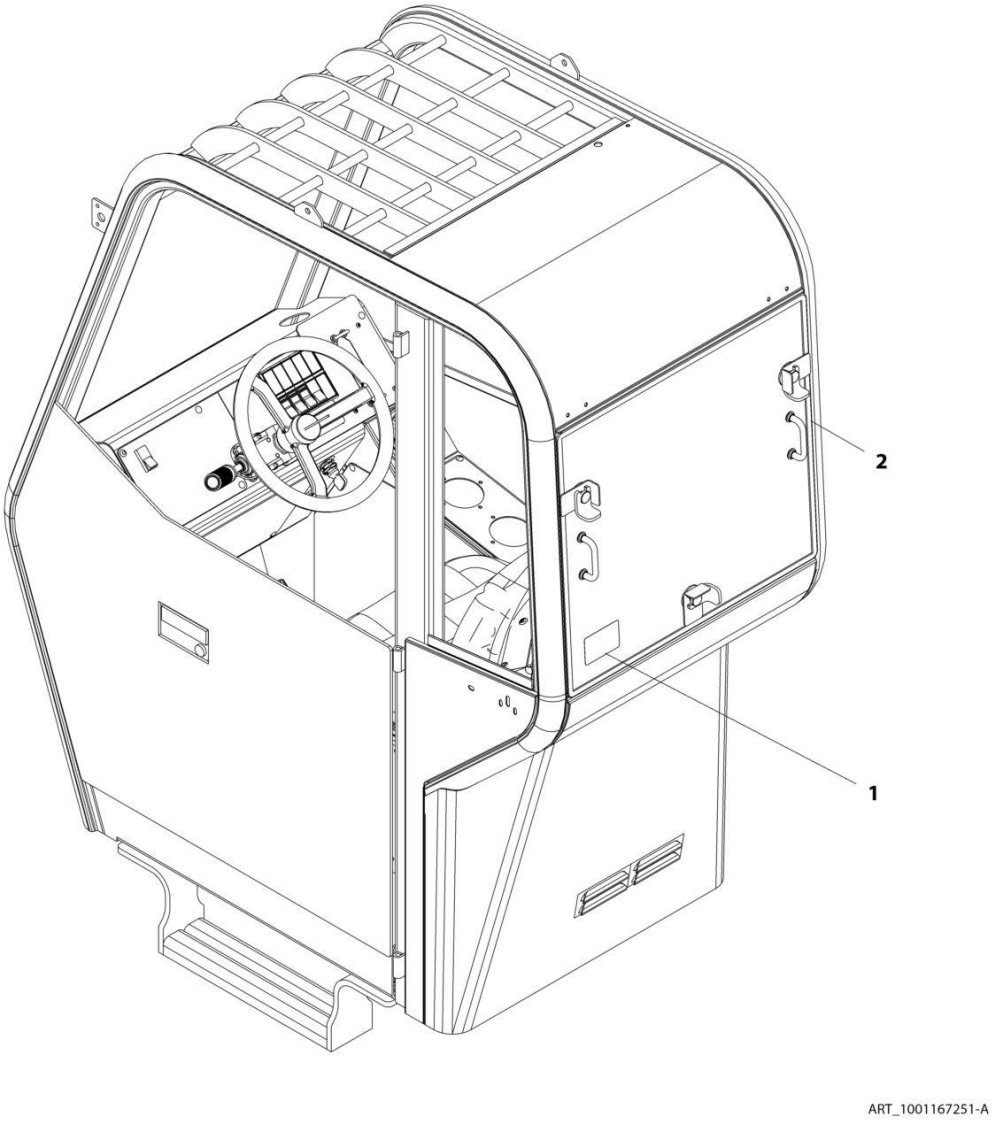


FIGURE 6-36. REAR WINDOW INSTALLATION (ISO)

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 6-37. SKYTRAK FIRE EXTINGUISHER INSTALLATION

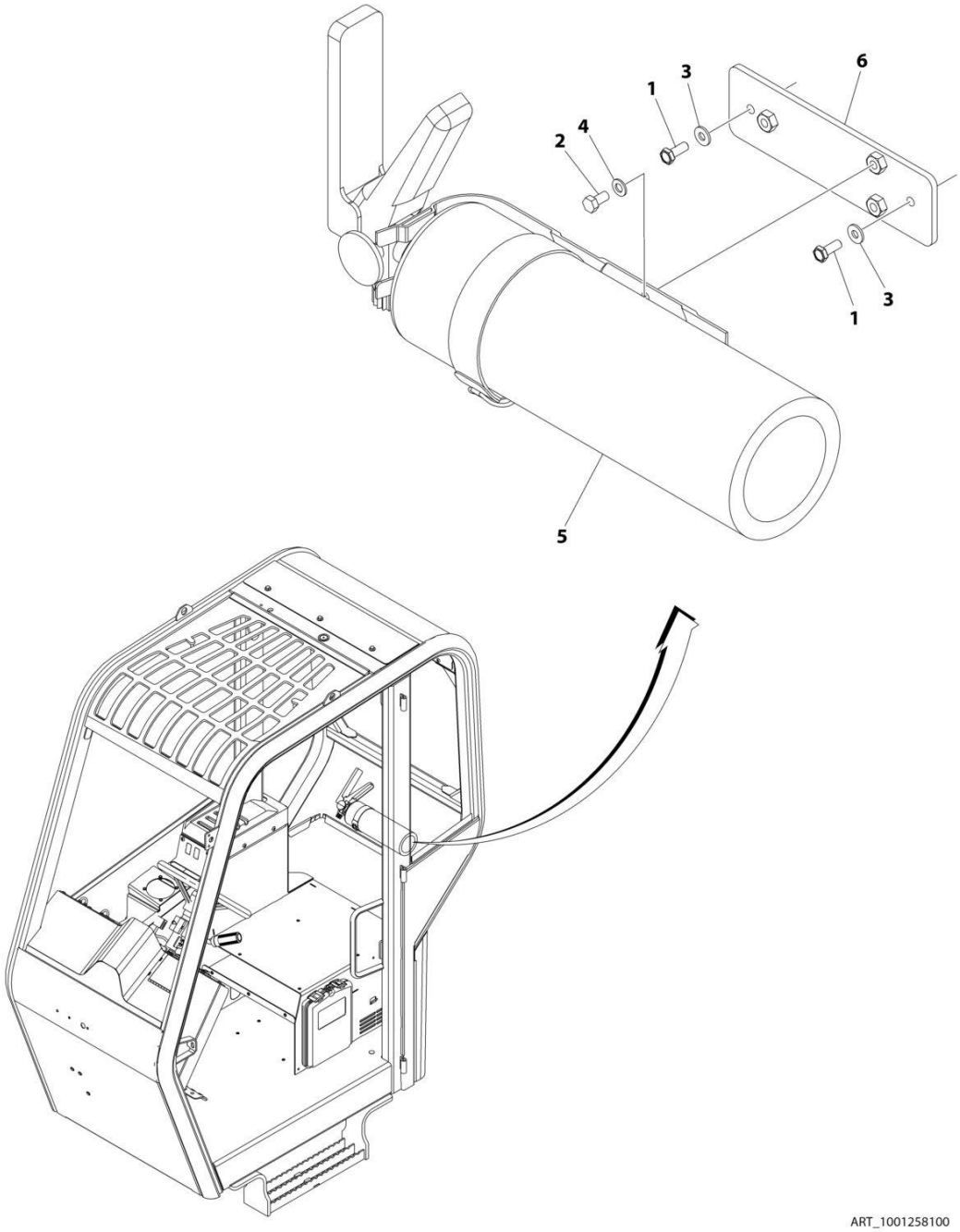


FIGURE 6-37. SKYTRAK FIRE EXTINGUISHER INSTALLATION

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	

SECTION 7 - CONTROLS

FIGURE 7-1. BRAKE ASSEMBLY

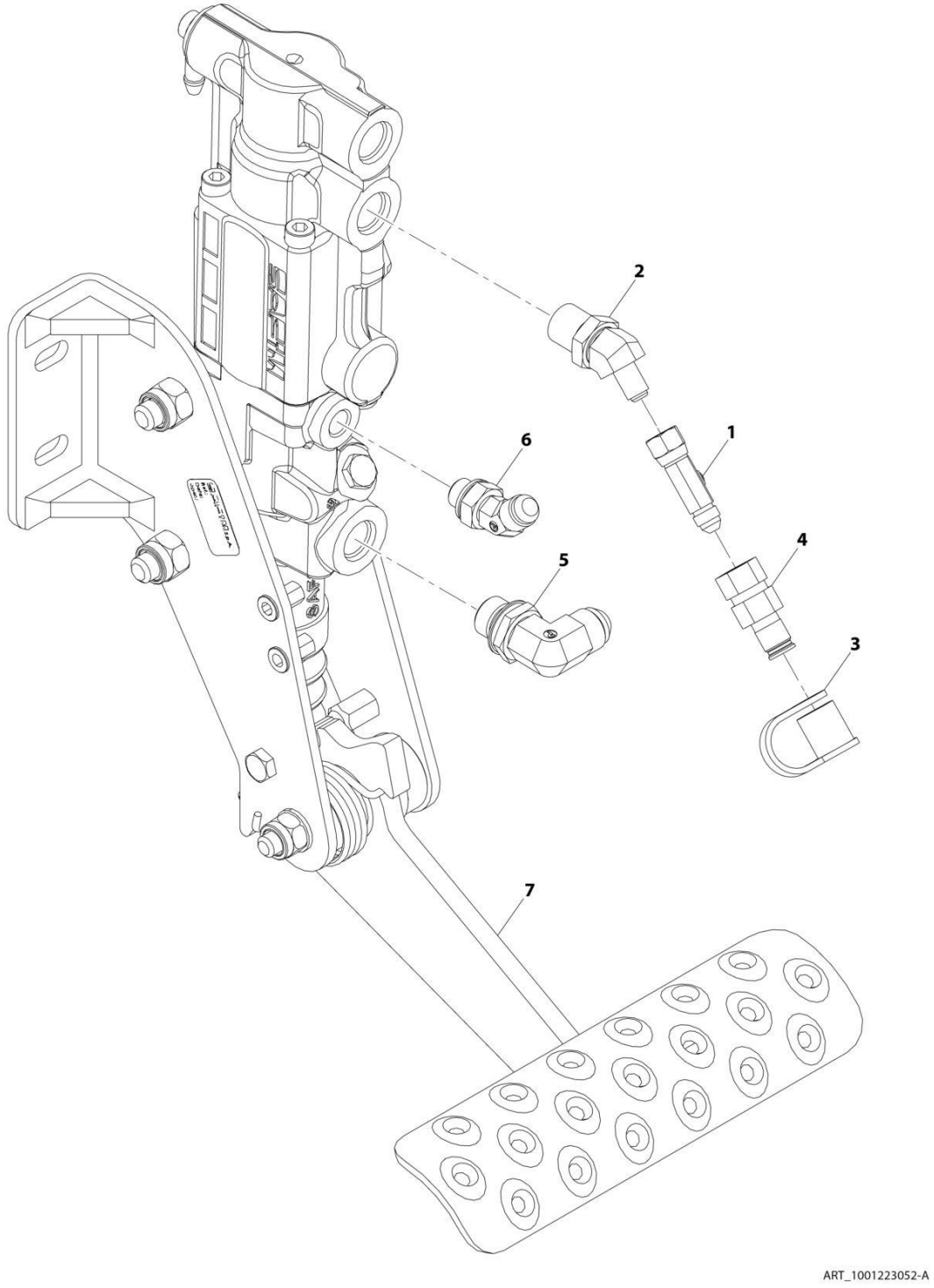


FIGURE 7-1. BRAKE ASSEMBLY

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

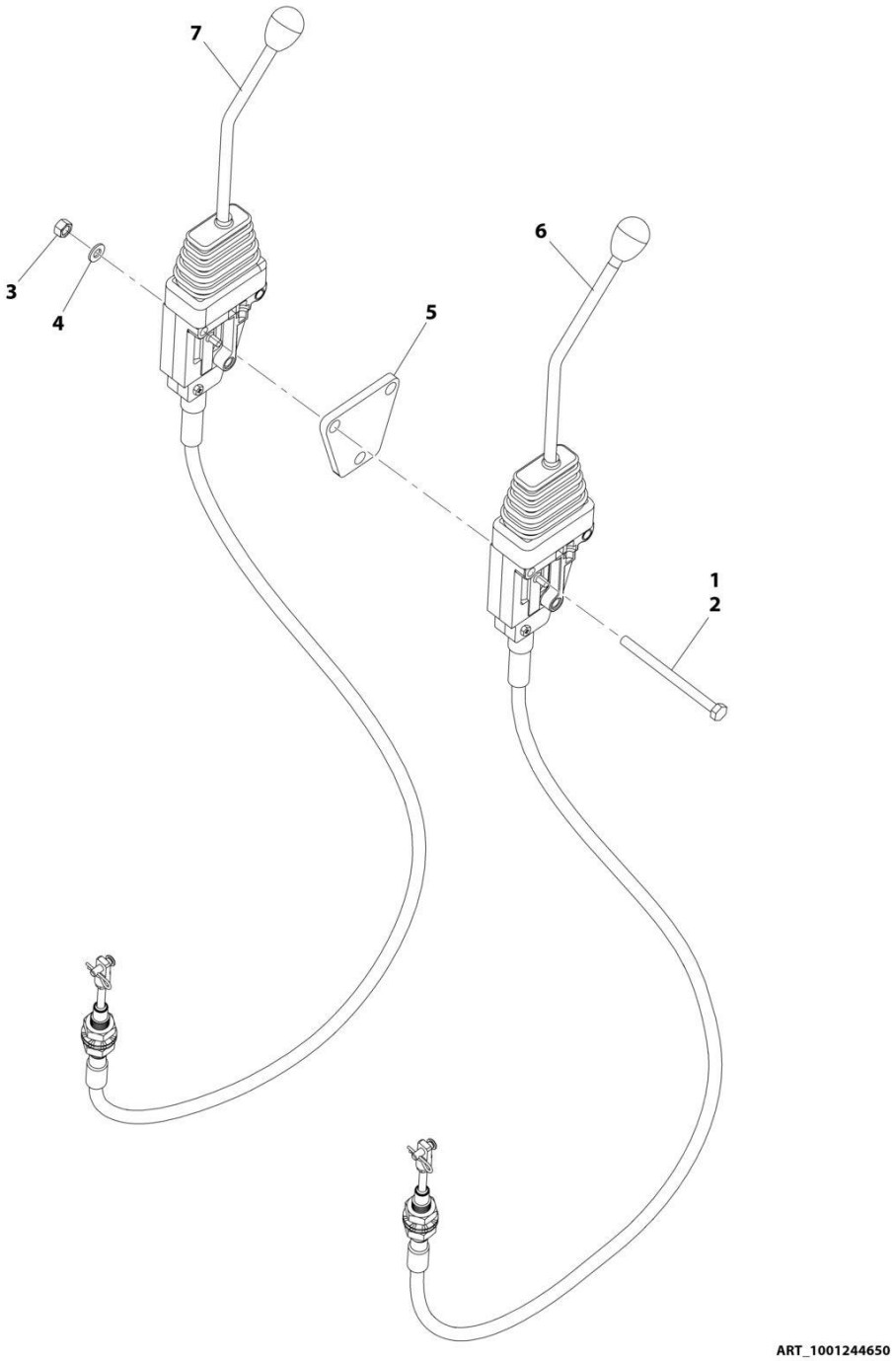


FIGURE 7-2. SECONDARY CONTROLS INSTALLATION

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	

FIGURE 7-3. AUXILIARY CONTROL ASSEMBLY

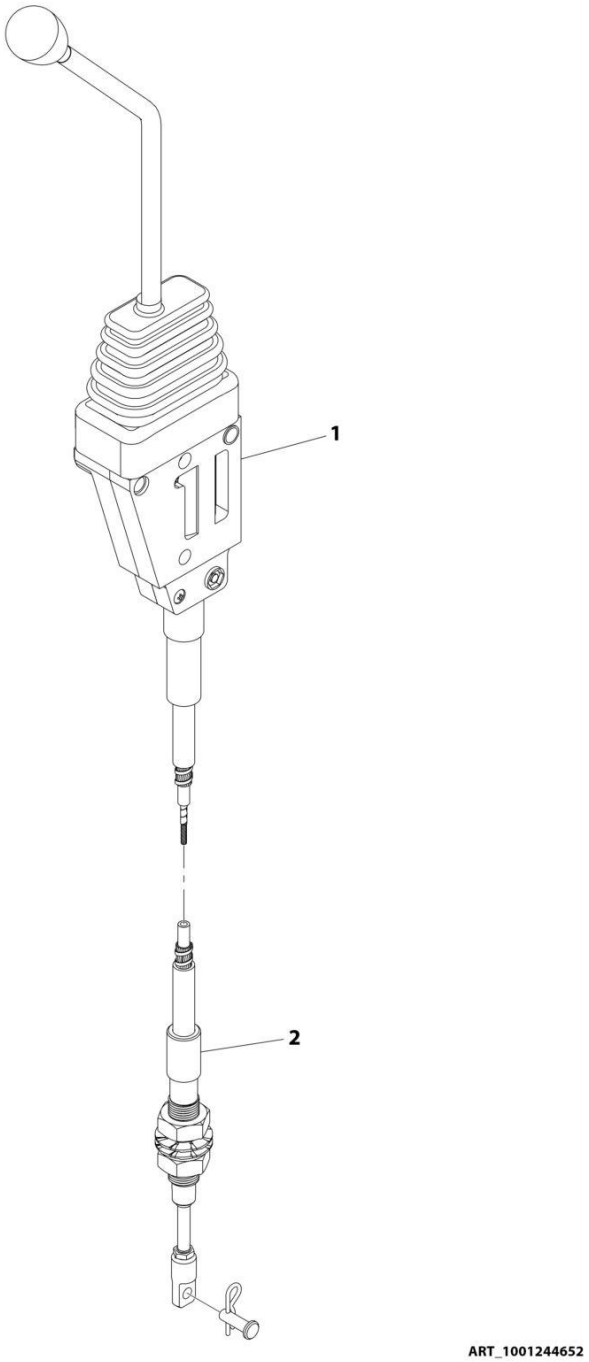


FIGURE 7-3. AUXILIARY CONTROL ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244652	Ref	Auxiliary Control	C
1	1001173581	1	Control	
2	1001244654	1	Cable	

FIGURE 7-4. FRAME LEVEL CONTROL ASSEMBLY

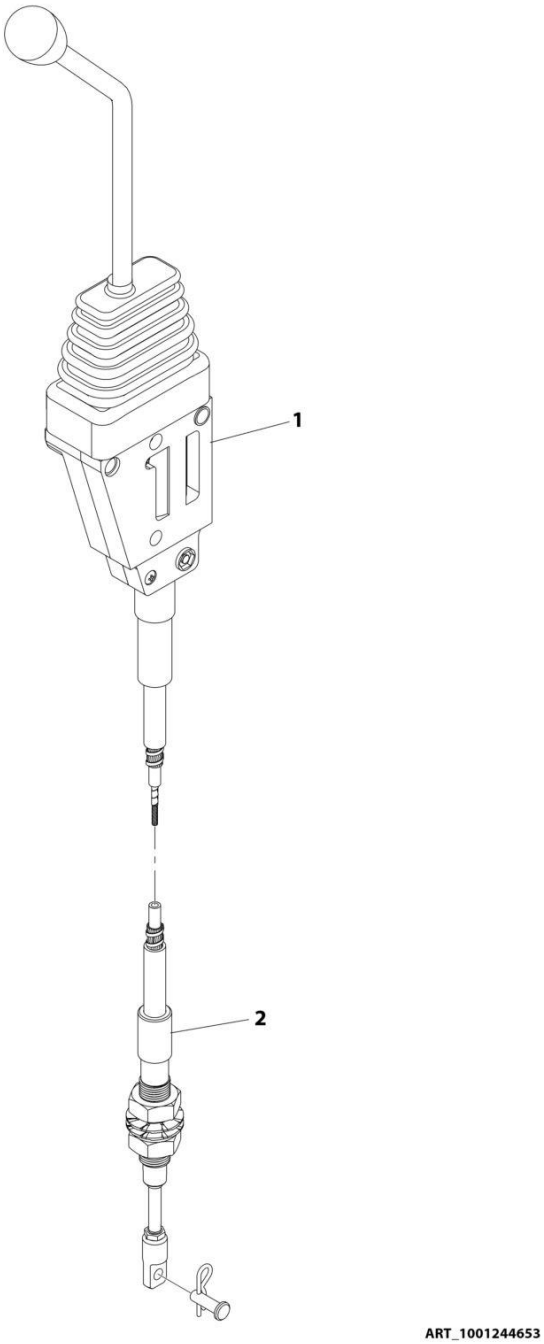


FIGURE 7-4. FRAME LEVEL CONTROL ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244653	Ref	Frame Level Control	C
1	1001173582	1	Control	
2	1001244654	1	Cable	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-1. AUXILIARY CONTROLS HYDRAULICS INSTALLATION

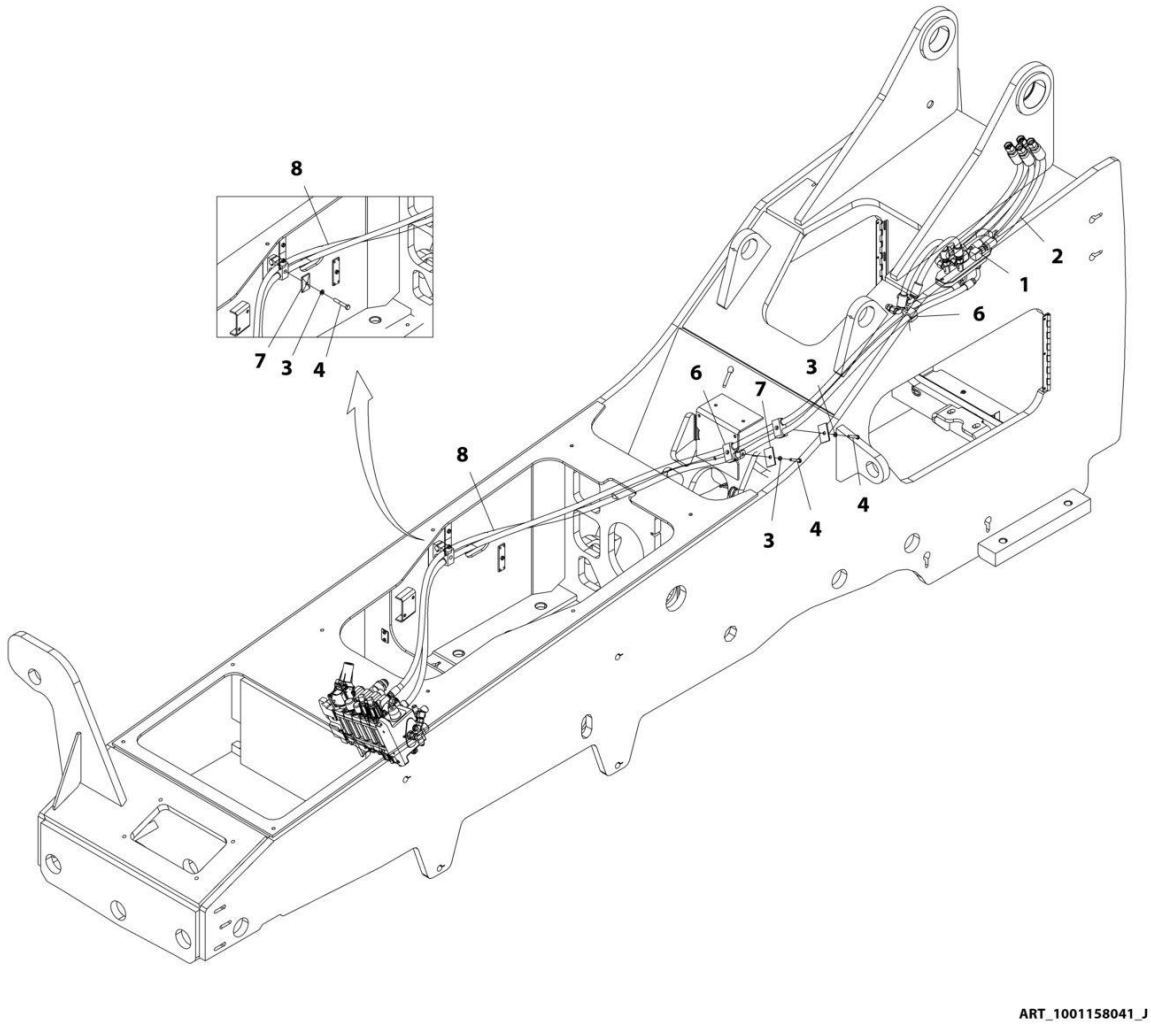


FIGURE 8-1. AUXILIARY CONTROLS HYDRAULICS INSTALLATION

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

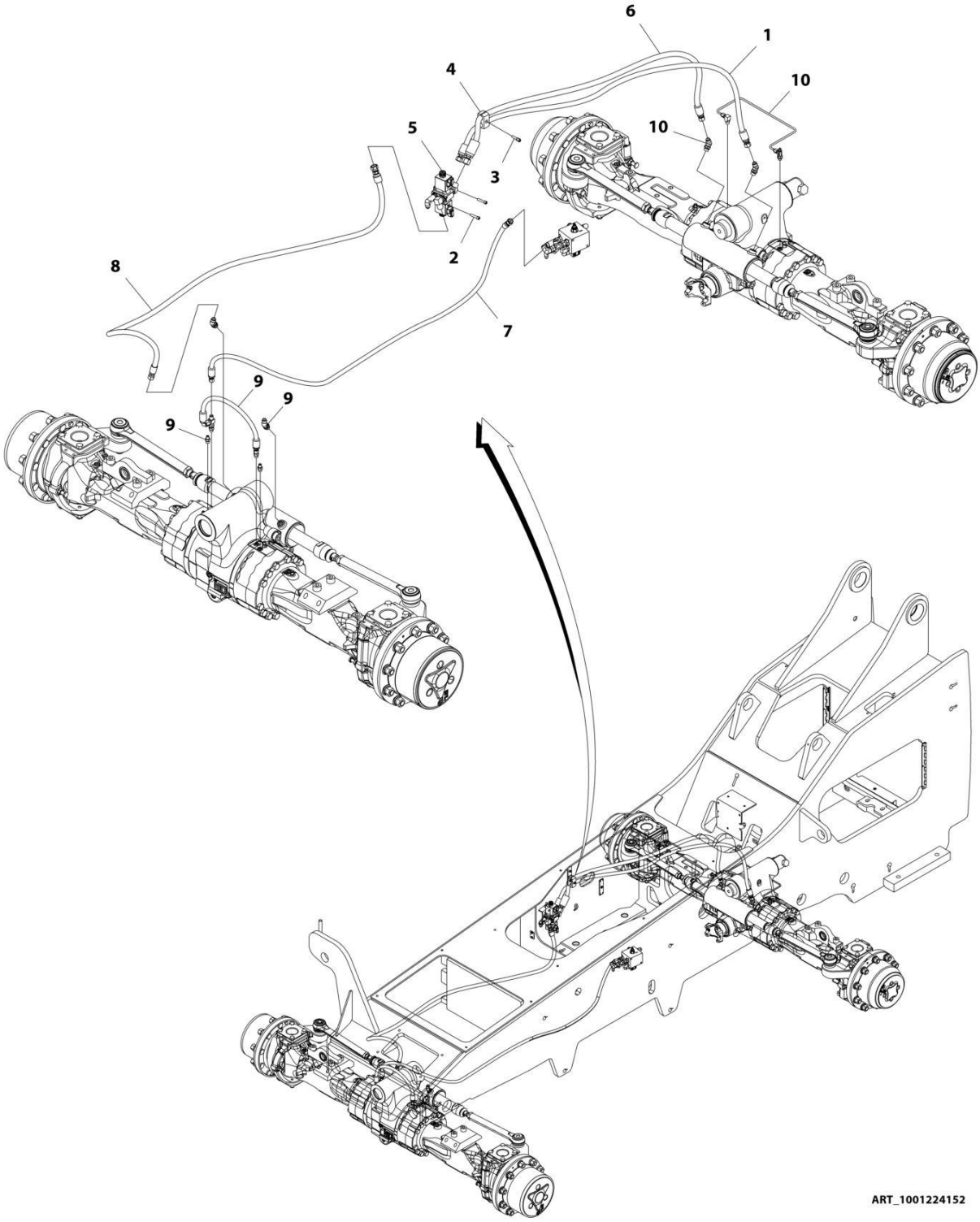


FIGURE 8-2. AXLE HYDRAULICS INSTALLATION

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

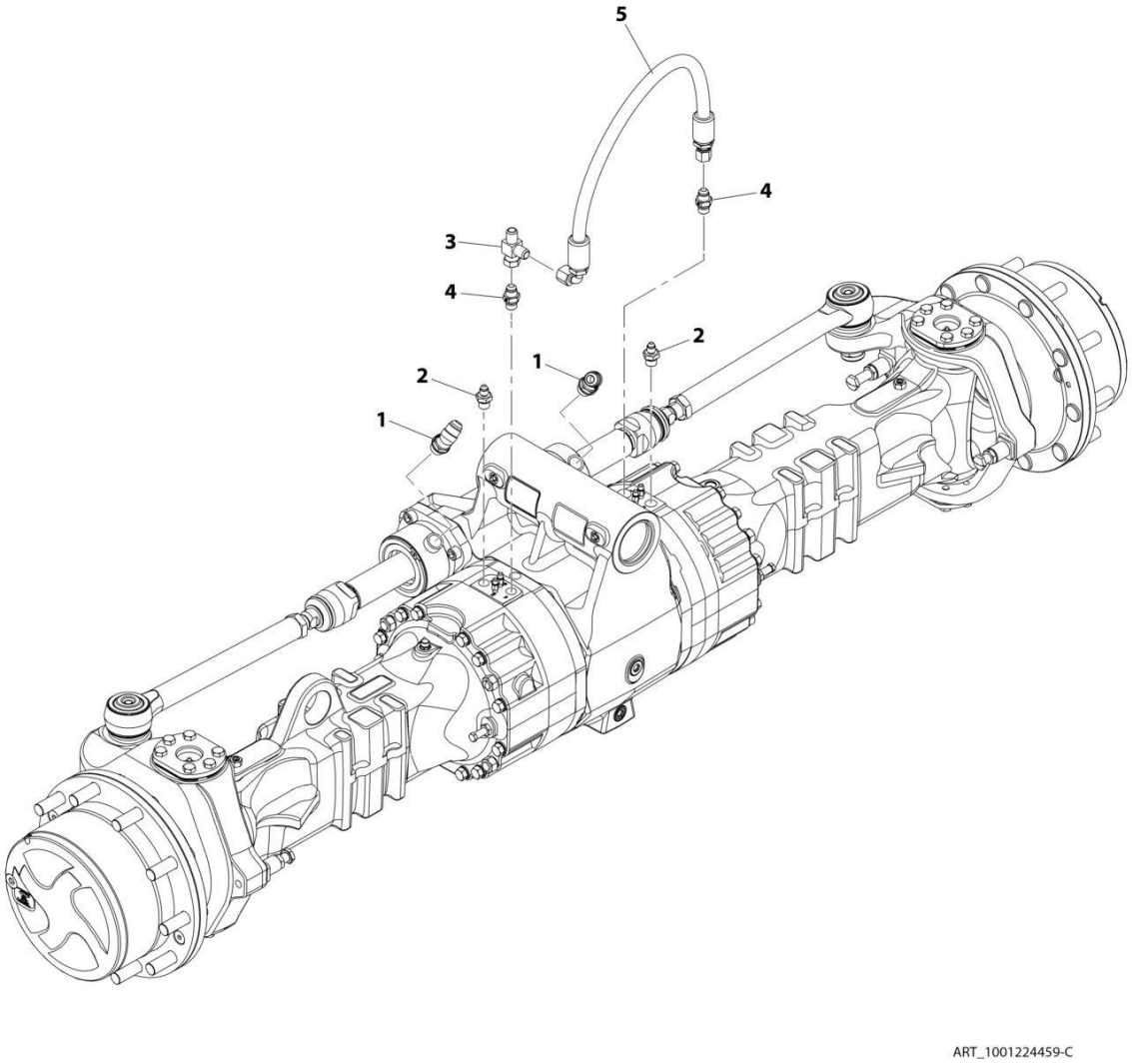
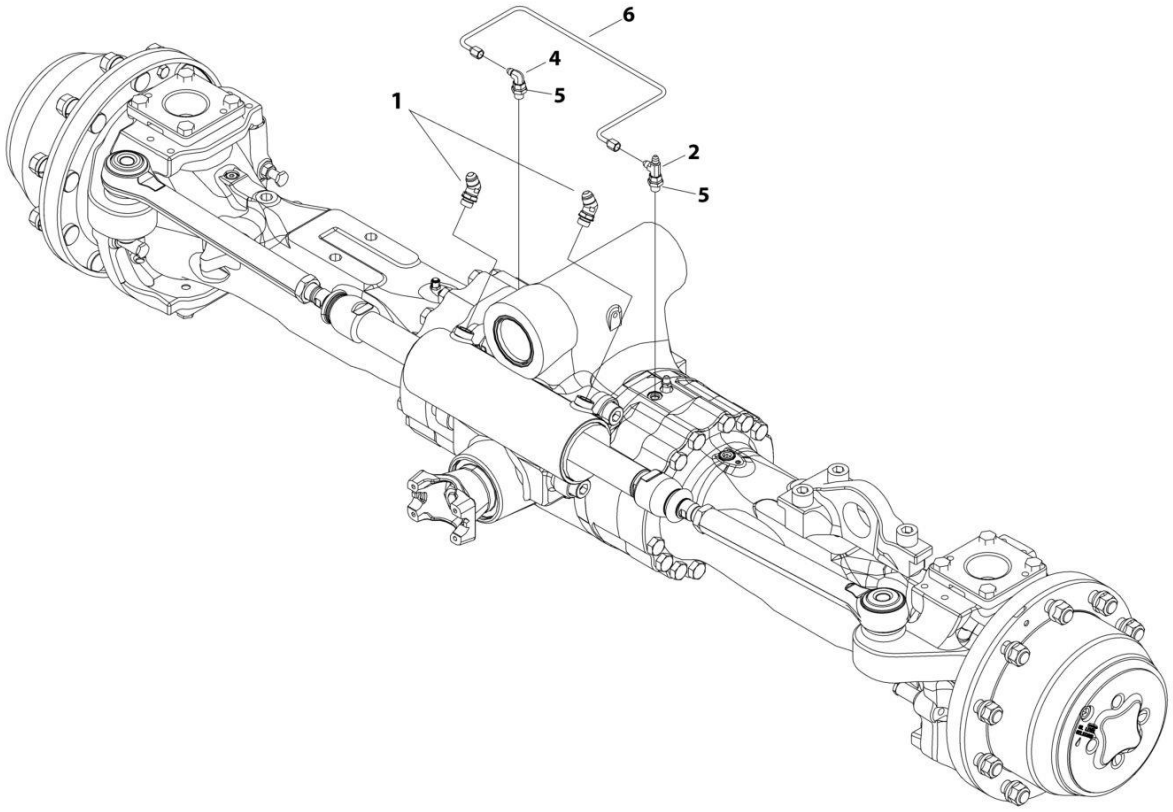


FIGURE 8-3. AXLE HYDRAULICS INSTALLATION - FRONT

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



ART_1001224460

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

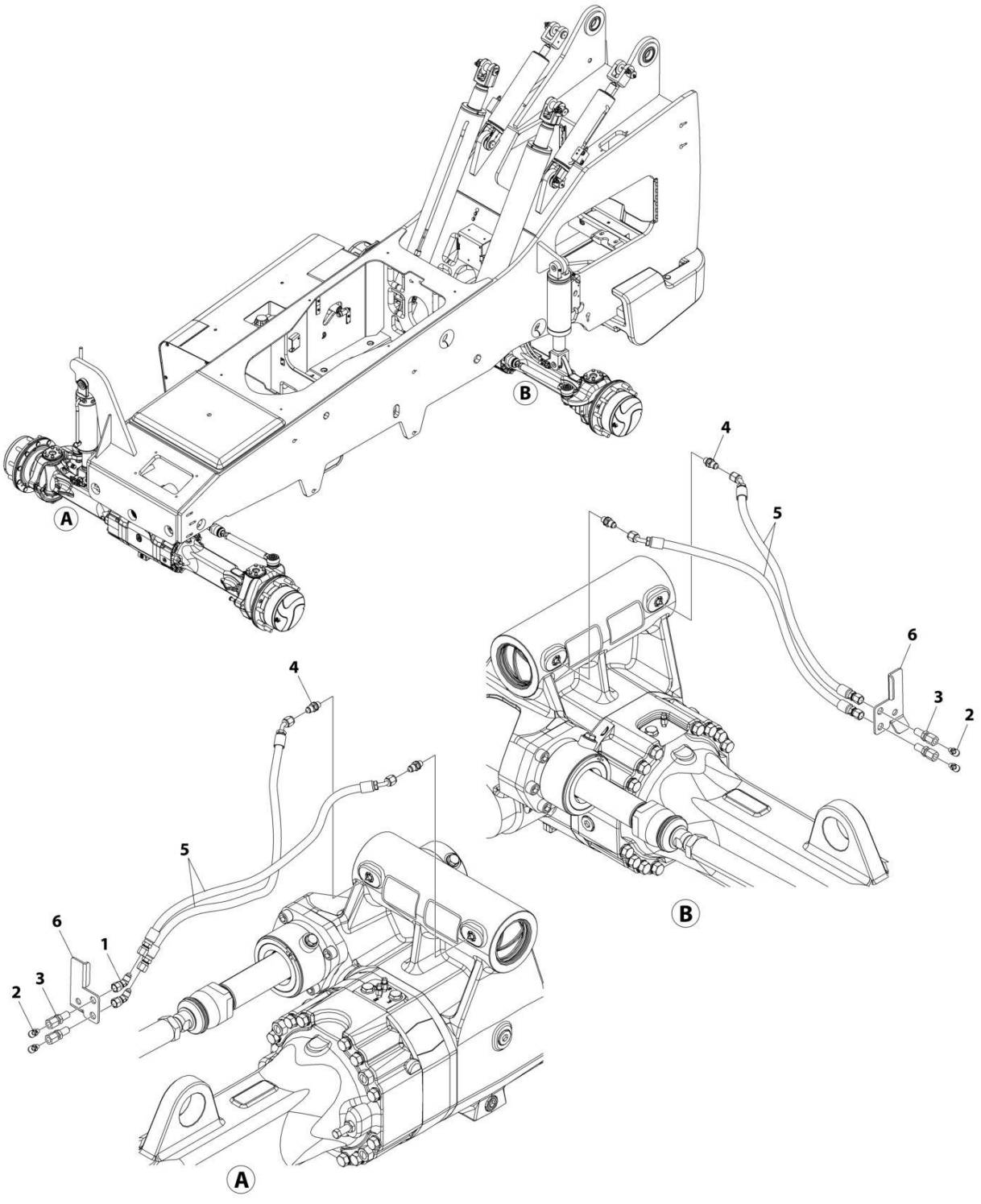


FIGURE 8-5. AXLE PIN LUBE HYDRAULICS INSTALLATION

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 (10054)

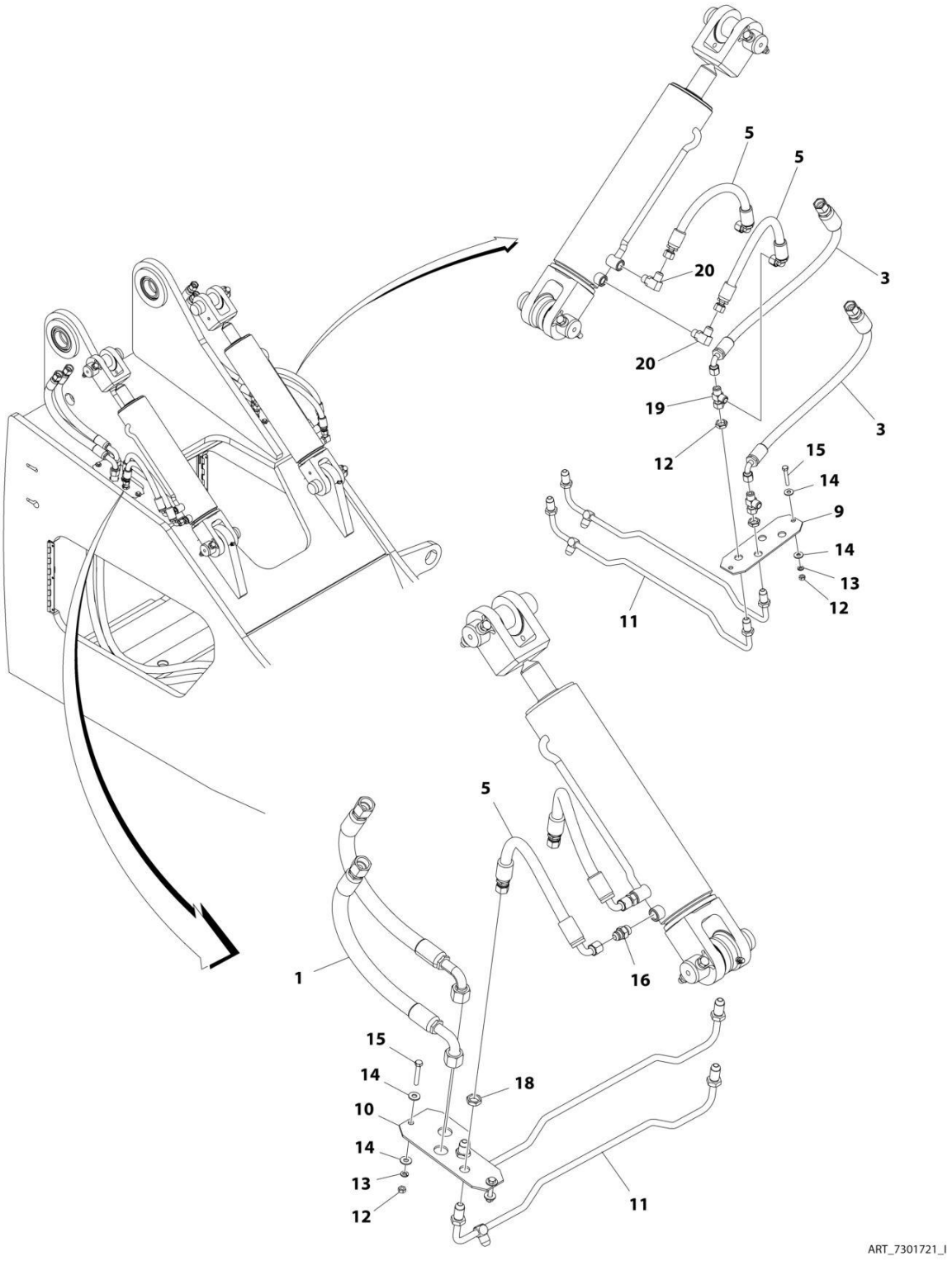


FIGURE 8-6. BULKHEAD (REAR) INSTALLATION (10054)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7301721	Ref	Rear Bulkhead Installation	I
1	2755060	2	Hose	
3	2716714	2	Hose	
5	2716715	4	Hose	
9	7139504	1	Plate, Bulkhead	
10	7139505	1	Plate, Bulkhead	
11	1001257571	2	Tube	
12	8305006	4	Nut 5/16	
13	8307004	4	Washer 5/16	
14	8307203	8	Washer 5/16	
15	8310009	4	Bolt 5/16X2	
16	2220373	2	Fitting, Straight JIC	
18	8760463	2	Fitting, Nut	
19	2220385	2	Fitting, Tee	
20	2220596	2	Fitting, 90 JIC/ORB	

FIGURE 8-7. CAB HYDRAULICS INSTALLATION

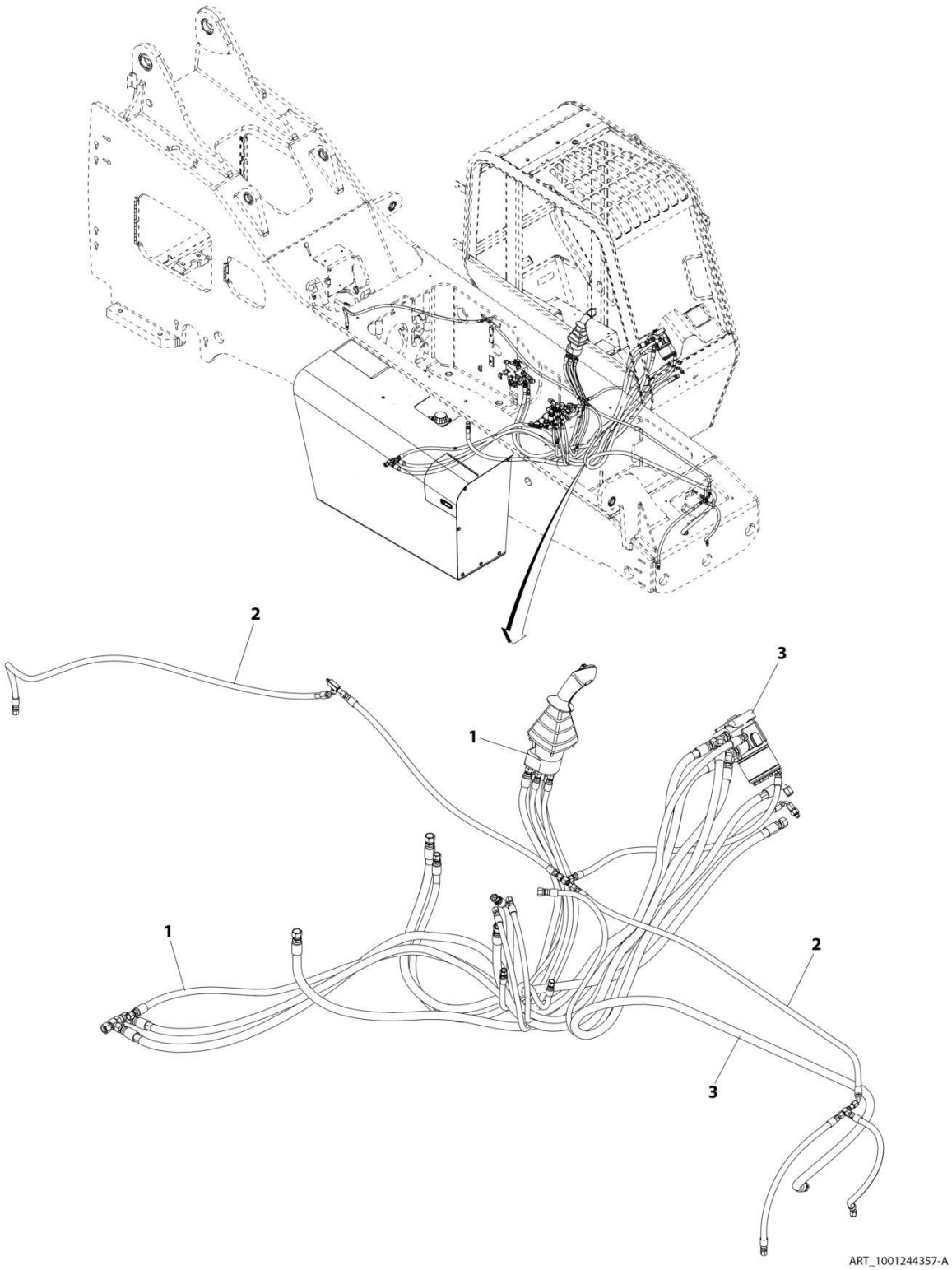


FIGURE 8-7. CAB HYDRAULICS INSTALLATION

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

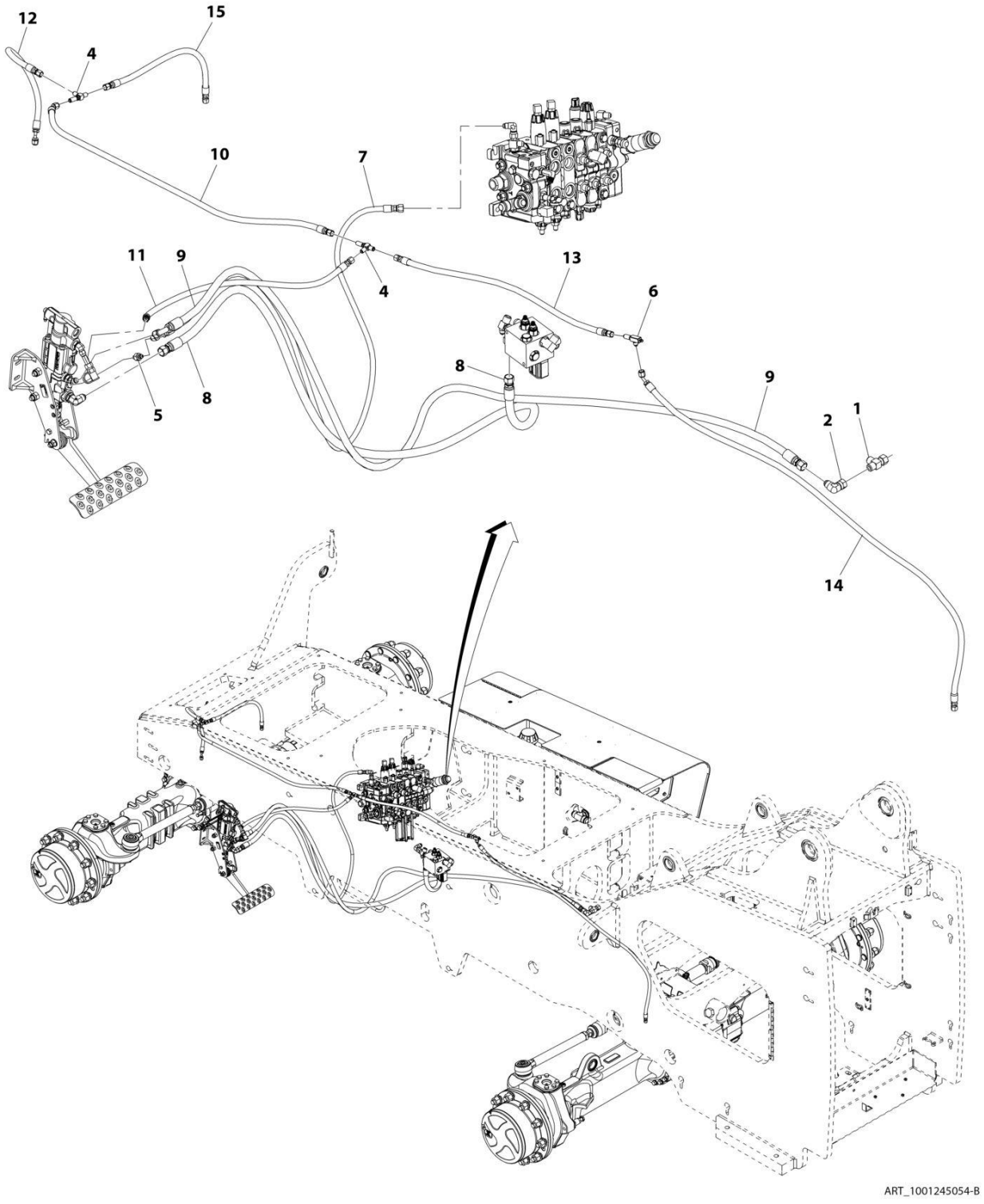


FIGURE 8-8. CAB TO BRAKE HYDRAULICS INSTALLATION

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

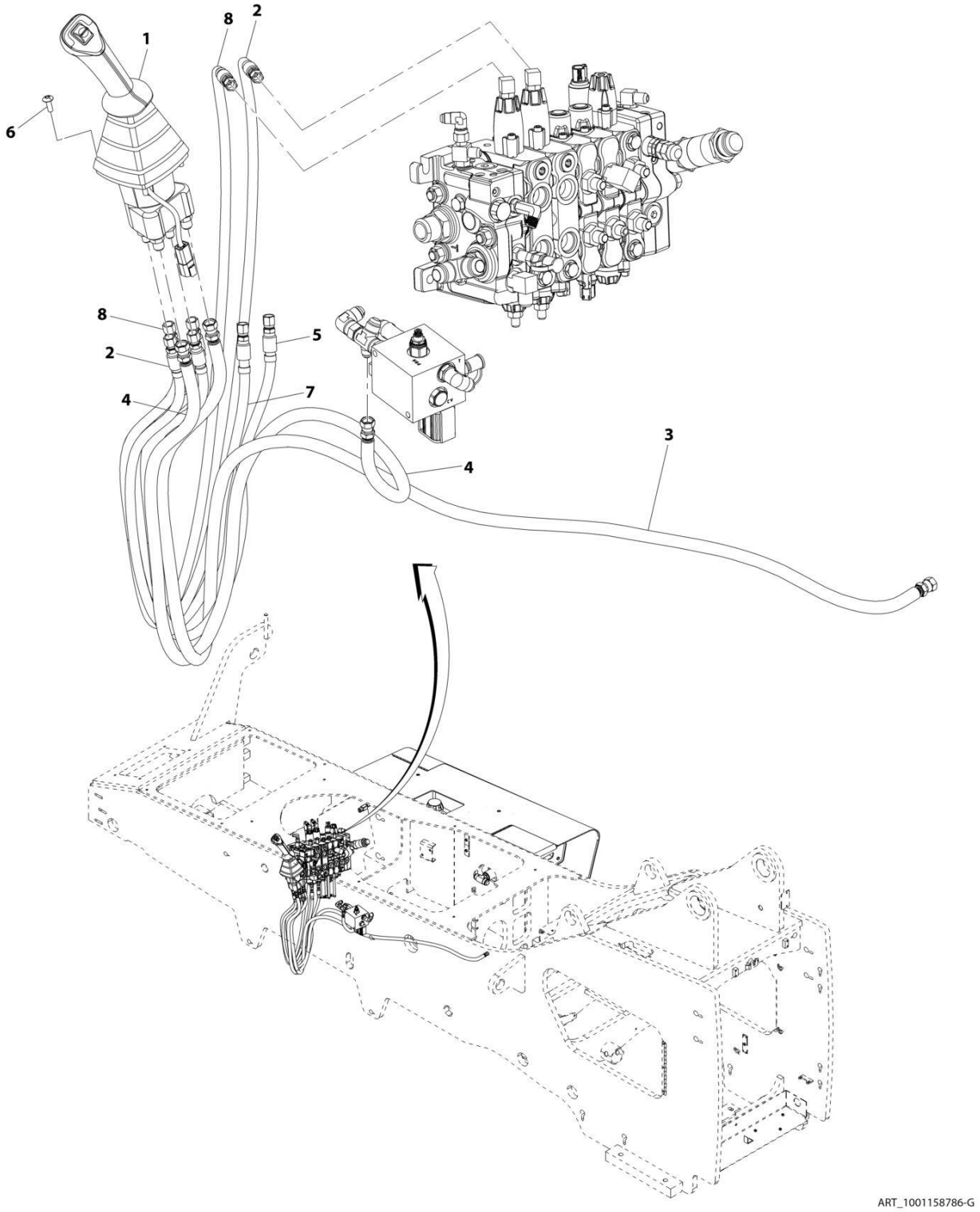


FIGURE 8-9. CAB PILOT CONTROLS HYDRAULICS INSTALLATION

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. PILOT CONTROL VALVE AND FITTINGS ASSEMBLY

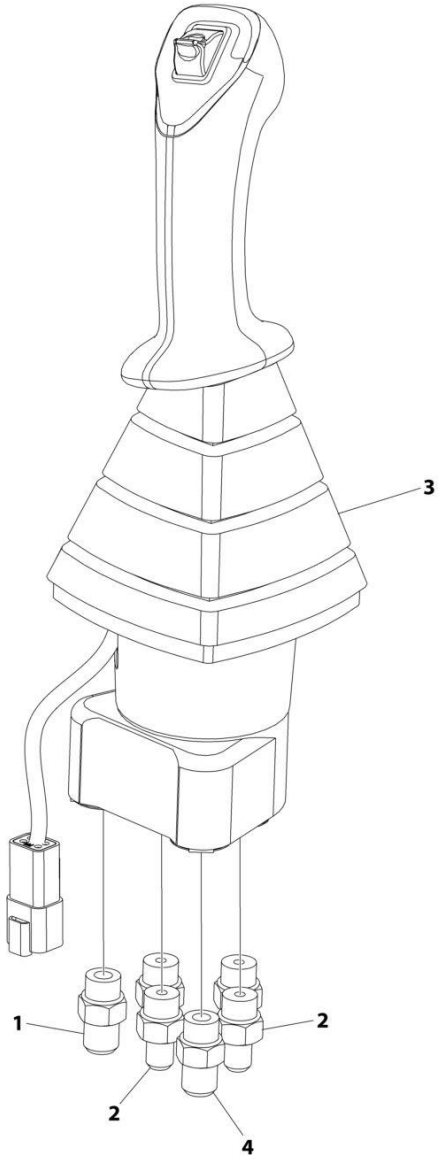


FIGURE 8-10. PILOT CONTROL VALVE AND FITTINGS ASSEMBLY

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

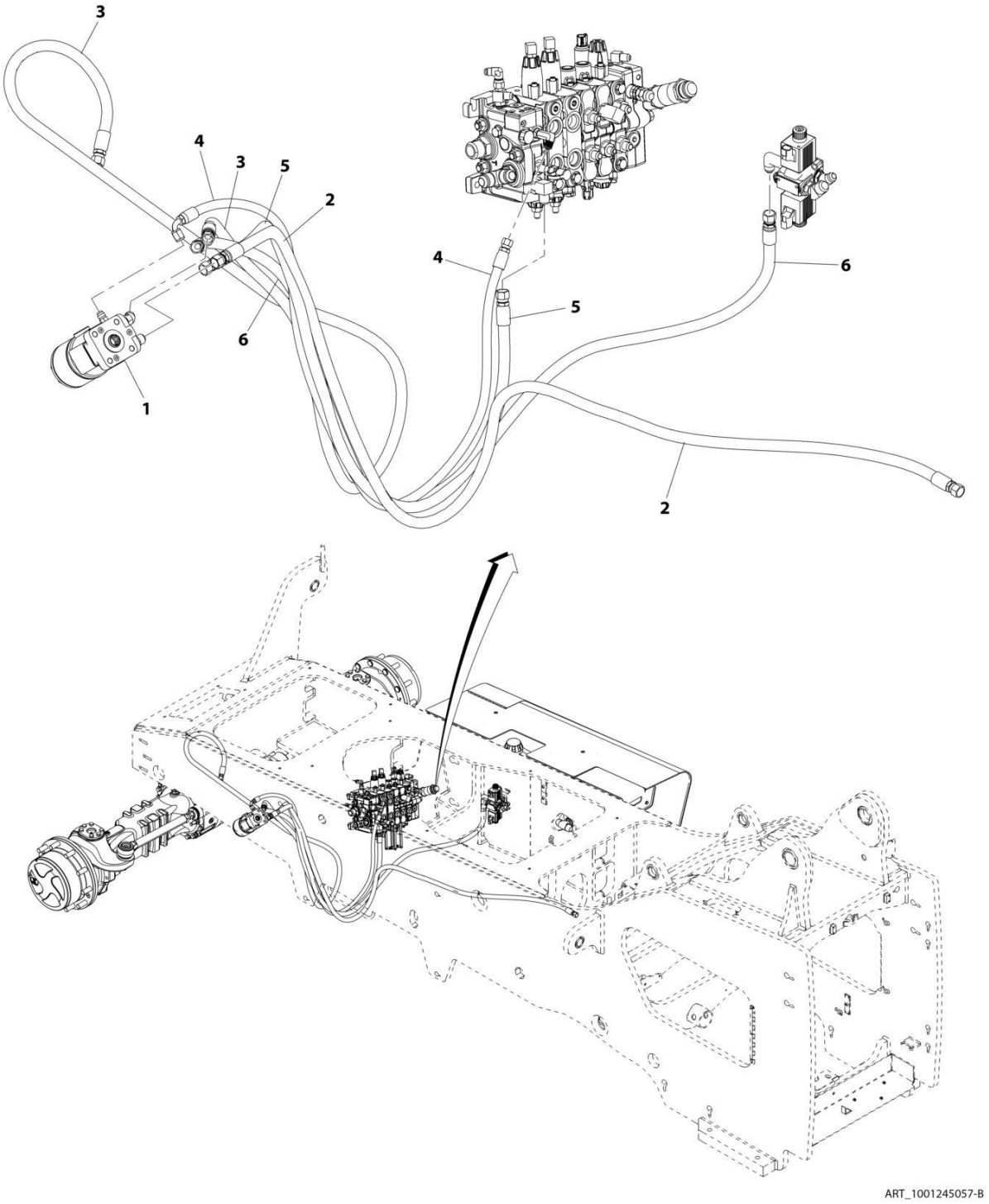


FIGURE 8-11. CAB TO STEERING HYDRAULICS INSTALLATION

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

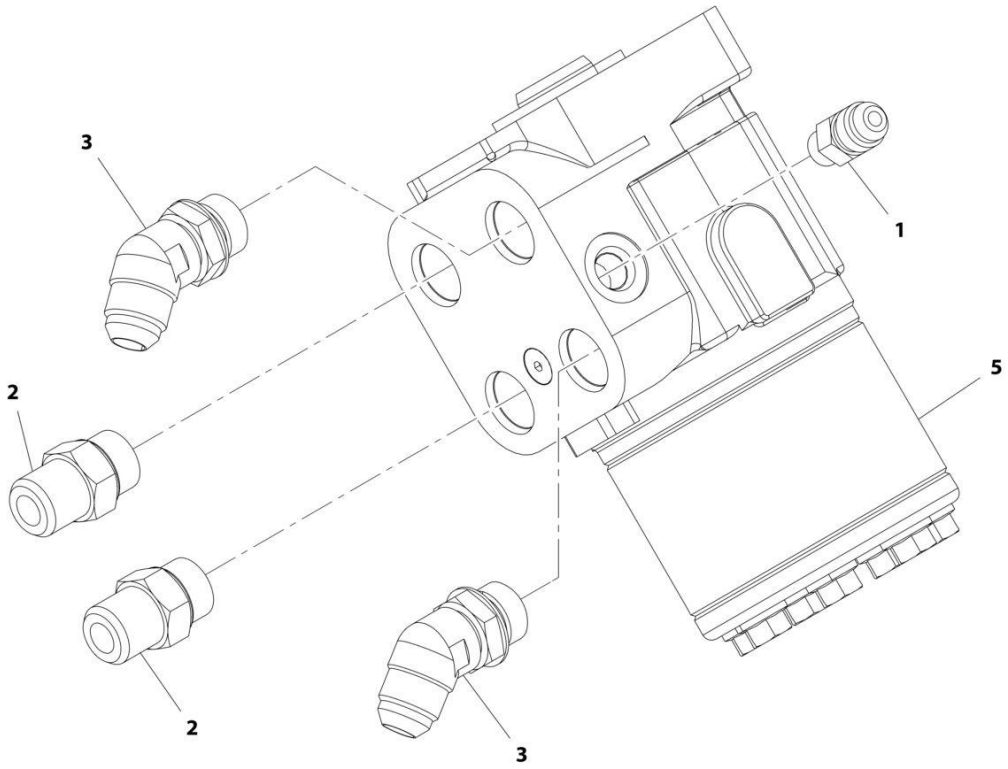


FIGURE 8-12. CAB STEERING VALVE & FITTING ASSEMBLY

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

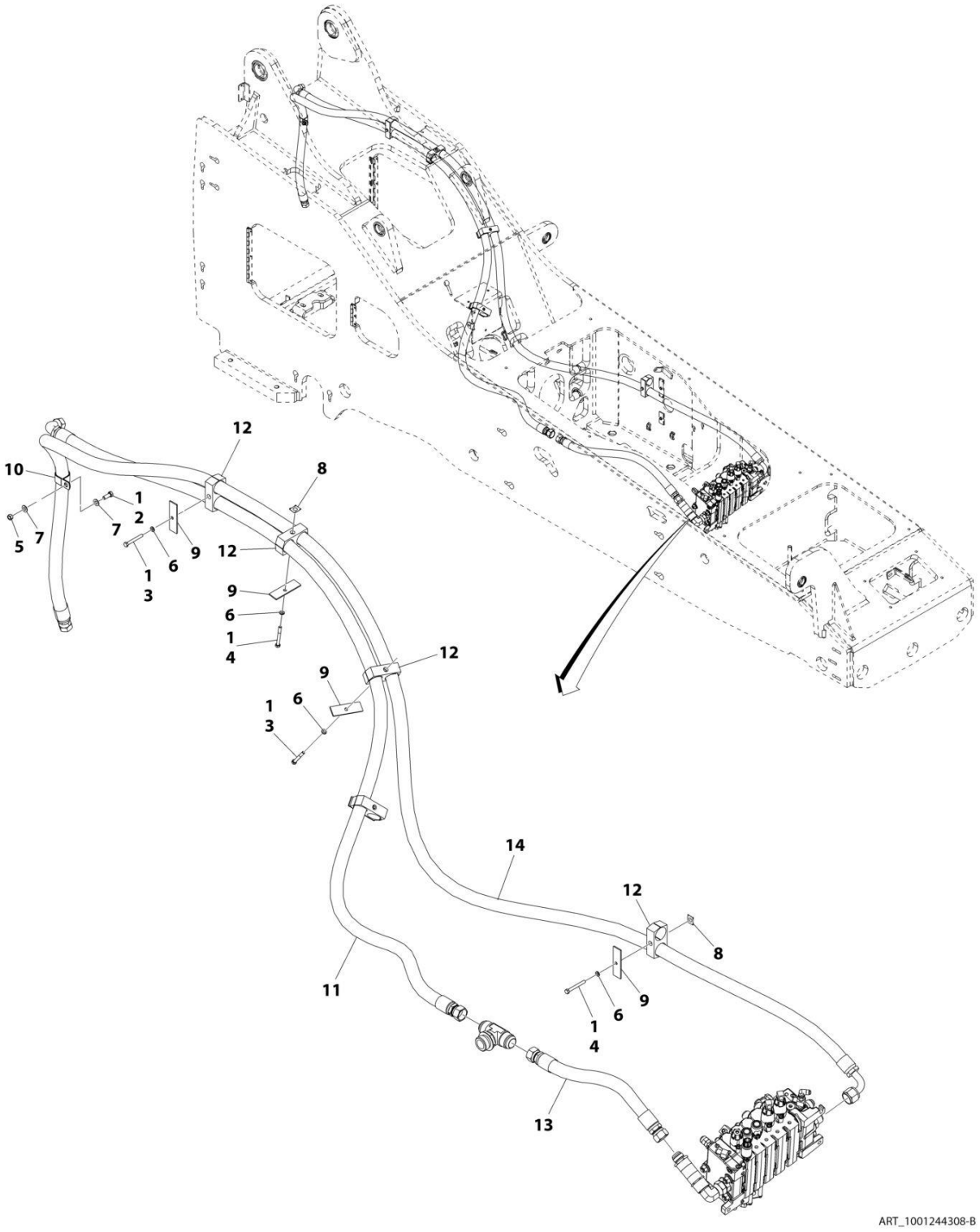


FIGURE 8-13. COOLER HYDRAULICS INSTALLATION

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

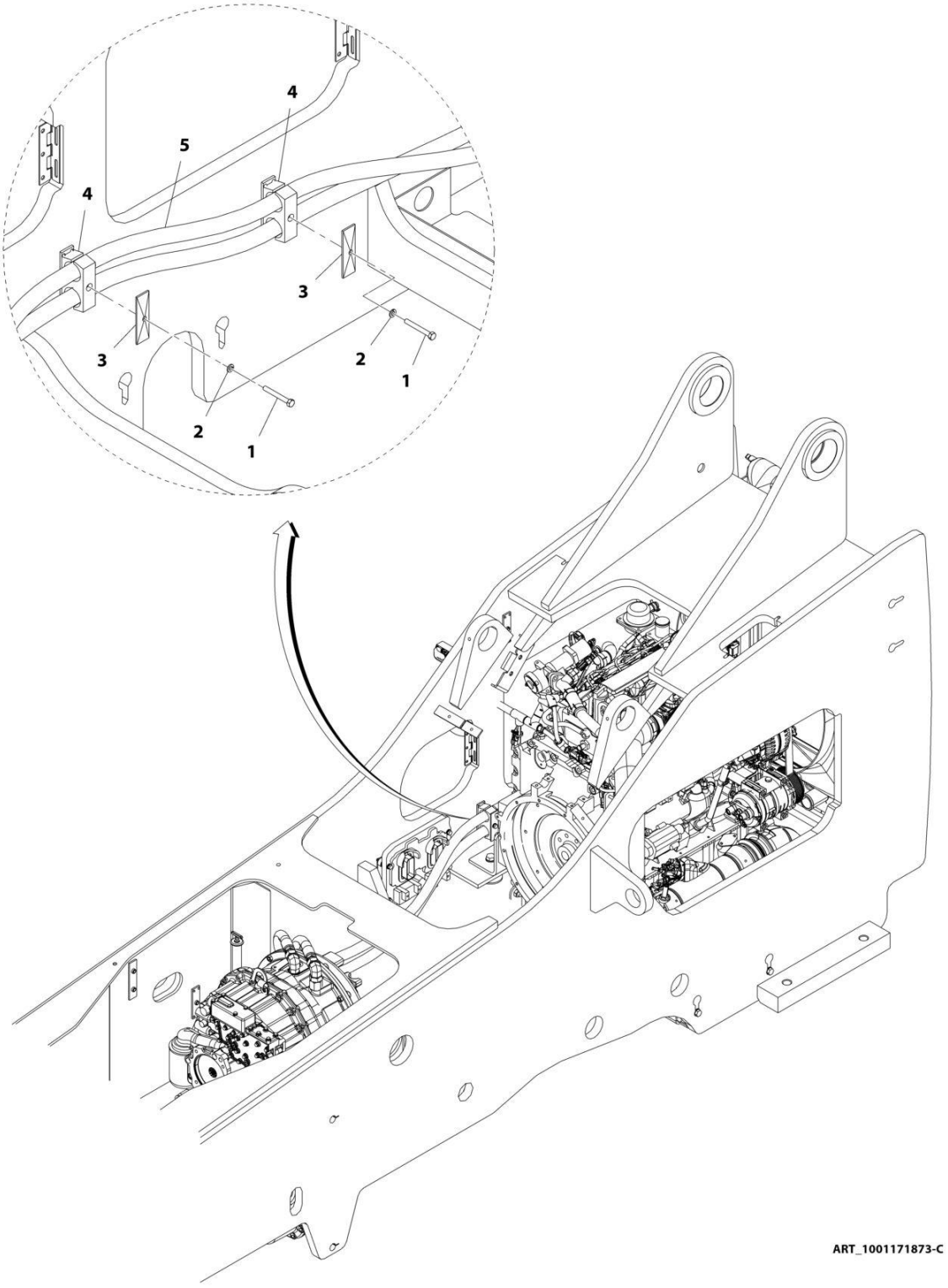


FIGURE 8-14. COOLER (TRANSMISSION) HYDRAULICS INSTALLATION

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

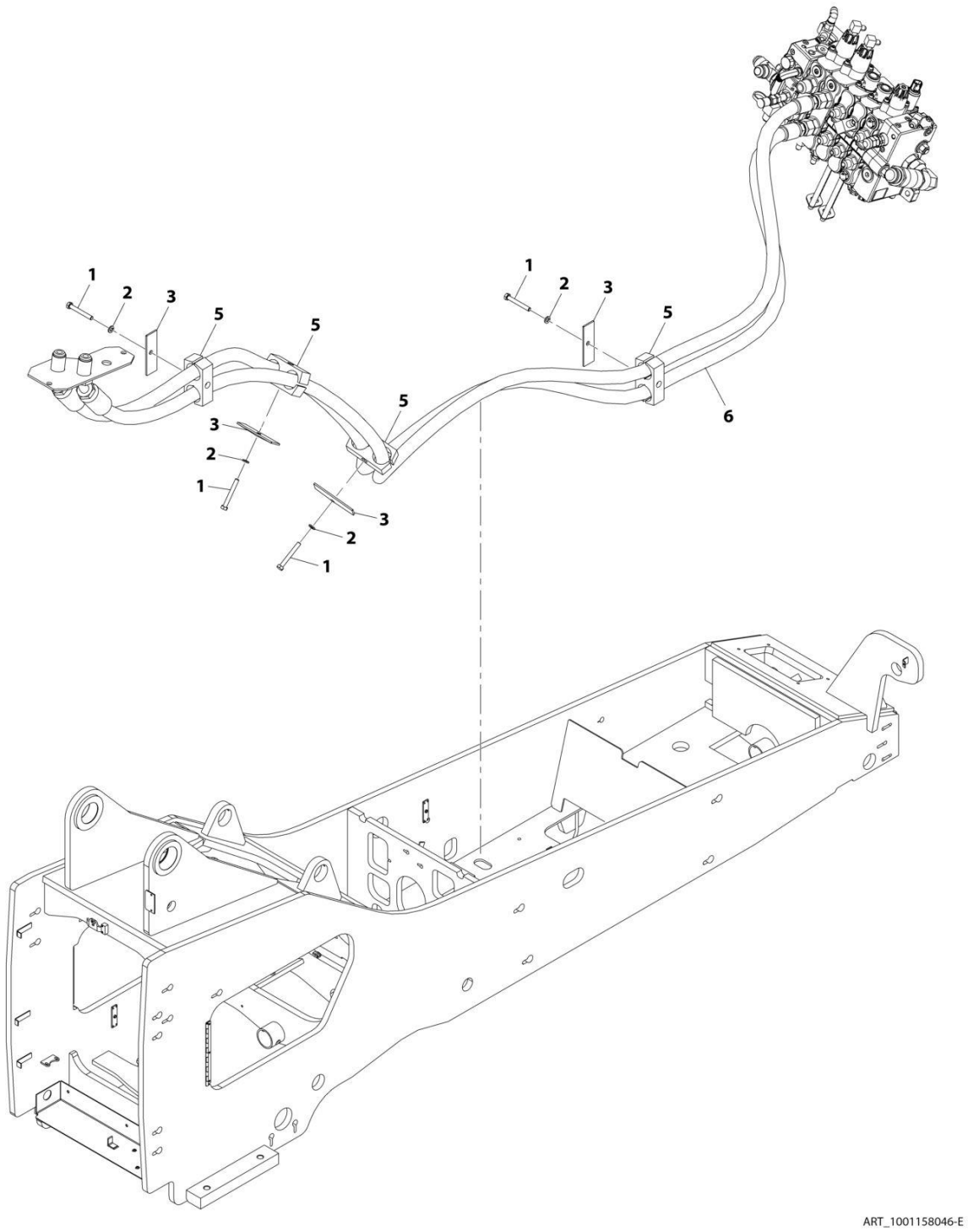


FIGURE 8-15. CYLINDER HYDRAULICS INSTALLATION - BOOM EXTEND

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

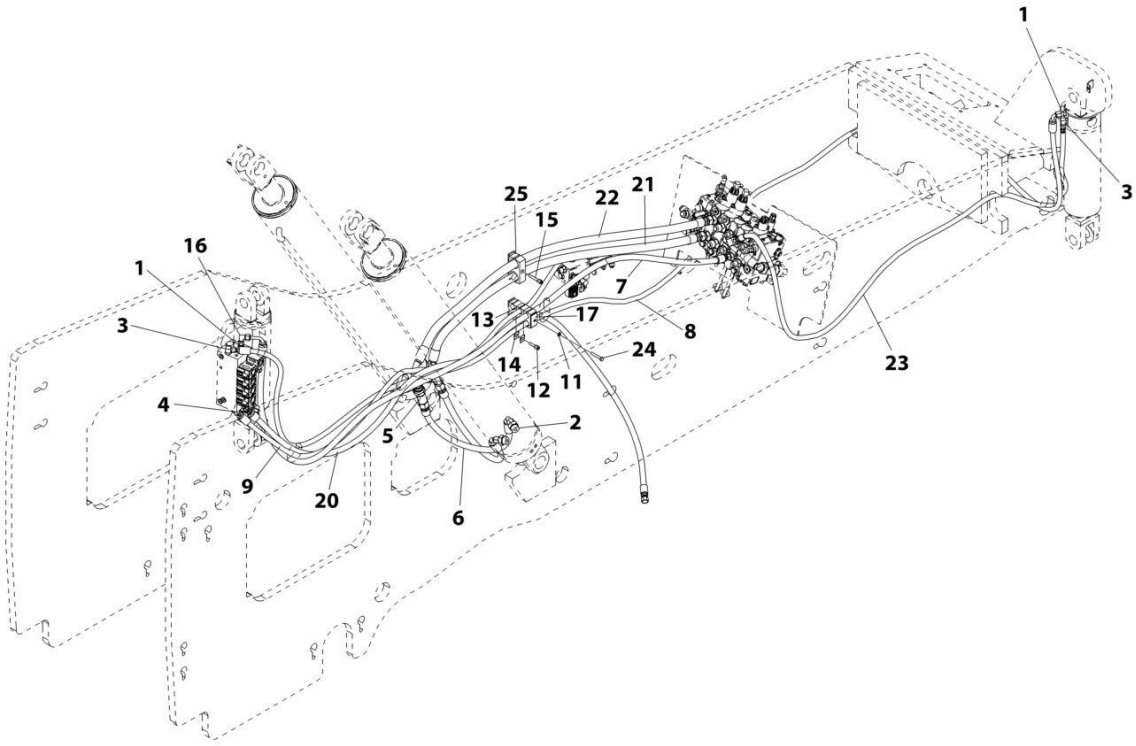


FIGURE 8-16. CYLINDER HYDRAULICS INSTALLATION - FRAME

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. CYLINDER HYDRAULICS INSTALLATION - TELESCOPE CYLINDER CUTOUT

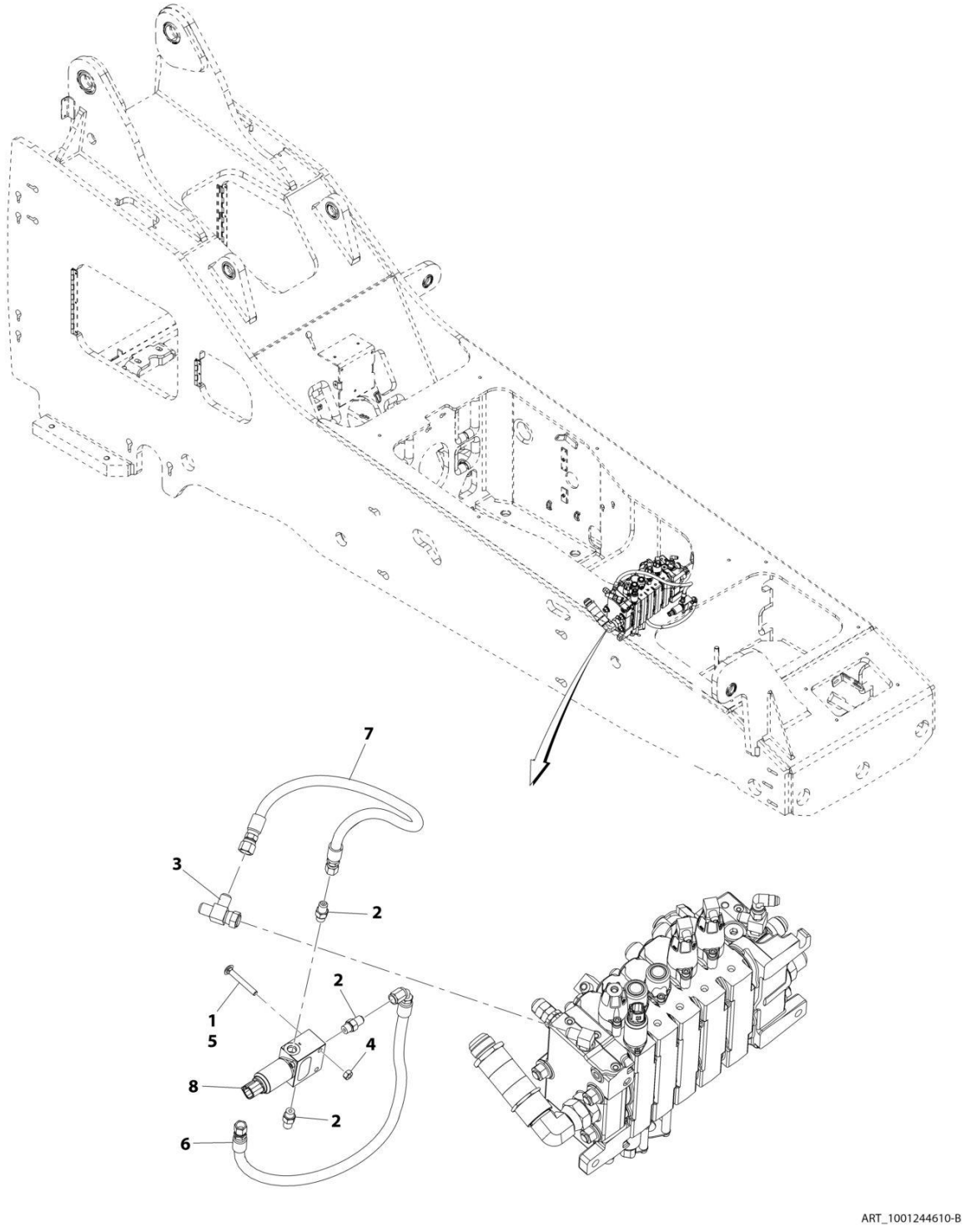


FIGURE 8-17. CYLINDER HYDRAULICS INSTALLATION - TELESCOPE CYLINDER CUTOUT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244610	Ref	Extend Cylinder Lockout Installation	B
1	0100011	AR	Compound, Locking	
2	2220415	3	Adapter, Straight	
3	2220635	1	Adapter, Run Tee	
4	8305004	2	Nut	
5	8310576	2	Bolt, Carriage	
6	1001244359	1	Hose Assembly	
7	1001244361	1	Hose Assembly	
8	1001245158	1	Valve, 2 Position/ 3 Port	
8	70030036	1	Valve, Solenoid	
8	70030037	2	Screw	

FIGURE 8-18. FORK TILT HYDRAULICS INSTALLATION

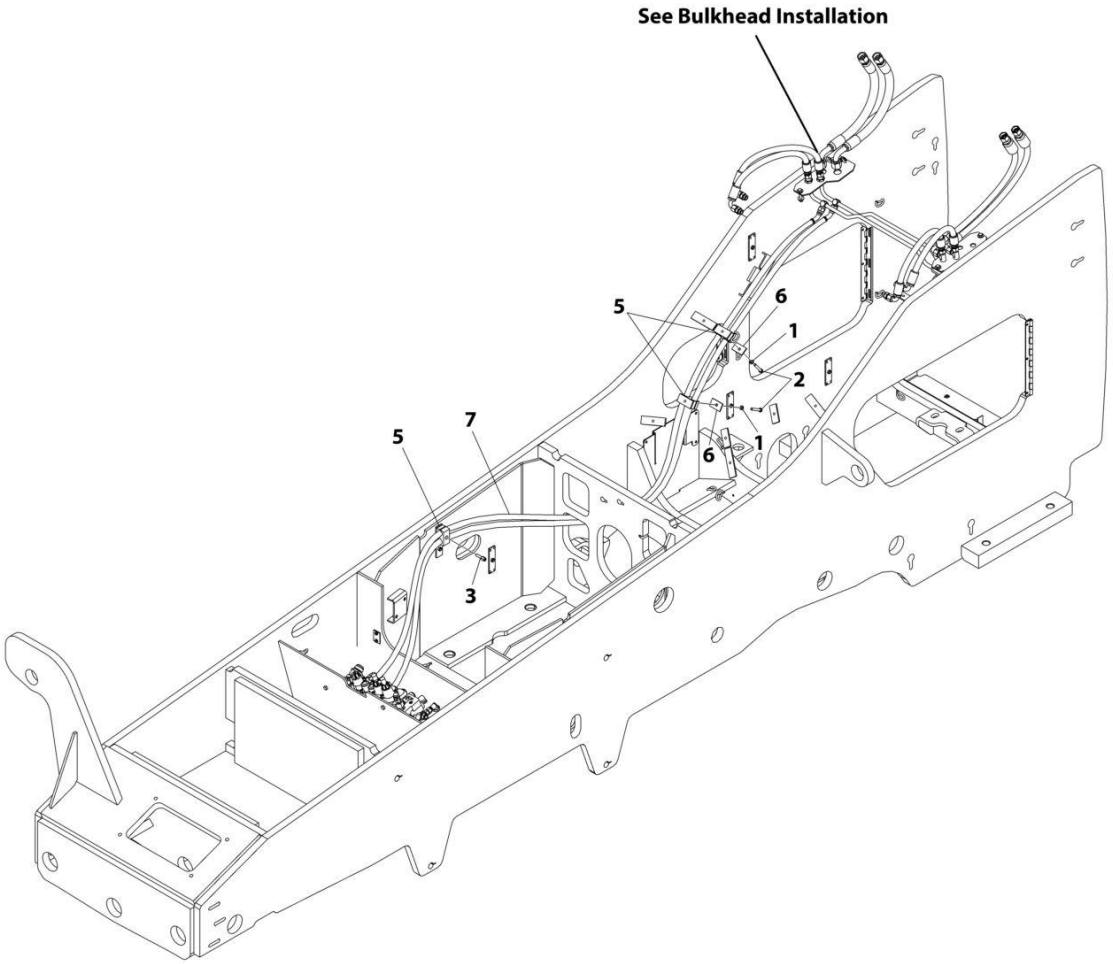


FIGURE 8-18. FORK TILT HYDRAULICS INSTALLATION

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 8-19. OUTRIGGER VALVE & FITTING ASSEMBLY

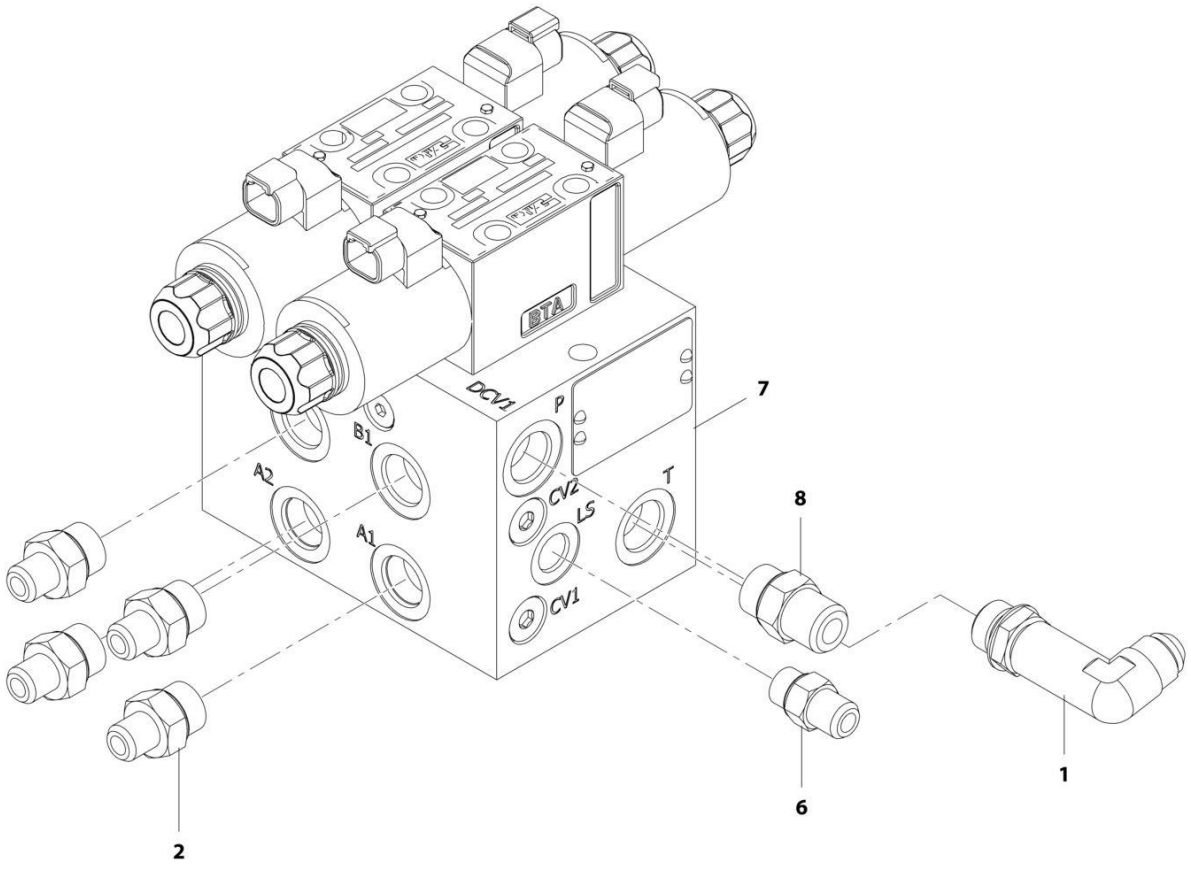


FIGURE 8-19. OUTRIGGER VALVE & FITTING ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158611	1	Outrigger Valve & Fitting Assembly	E
1	2220474	1	Adapter, Long 90	
2	2220372	4	Adapter, Straight JIC	
6	2220371	1	Adapter, Straight JIC	
7	1001256316	1	Valve, Outrigger (See Separate Breakdown in HYDRAULIC COMPONENTS SECTION)	
8	2220373	1	Adapter, Straight JIC	

FIGURE 8-20. MAIN CONTROL VALVE INSTALLATION

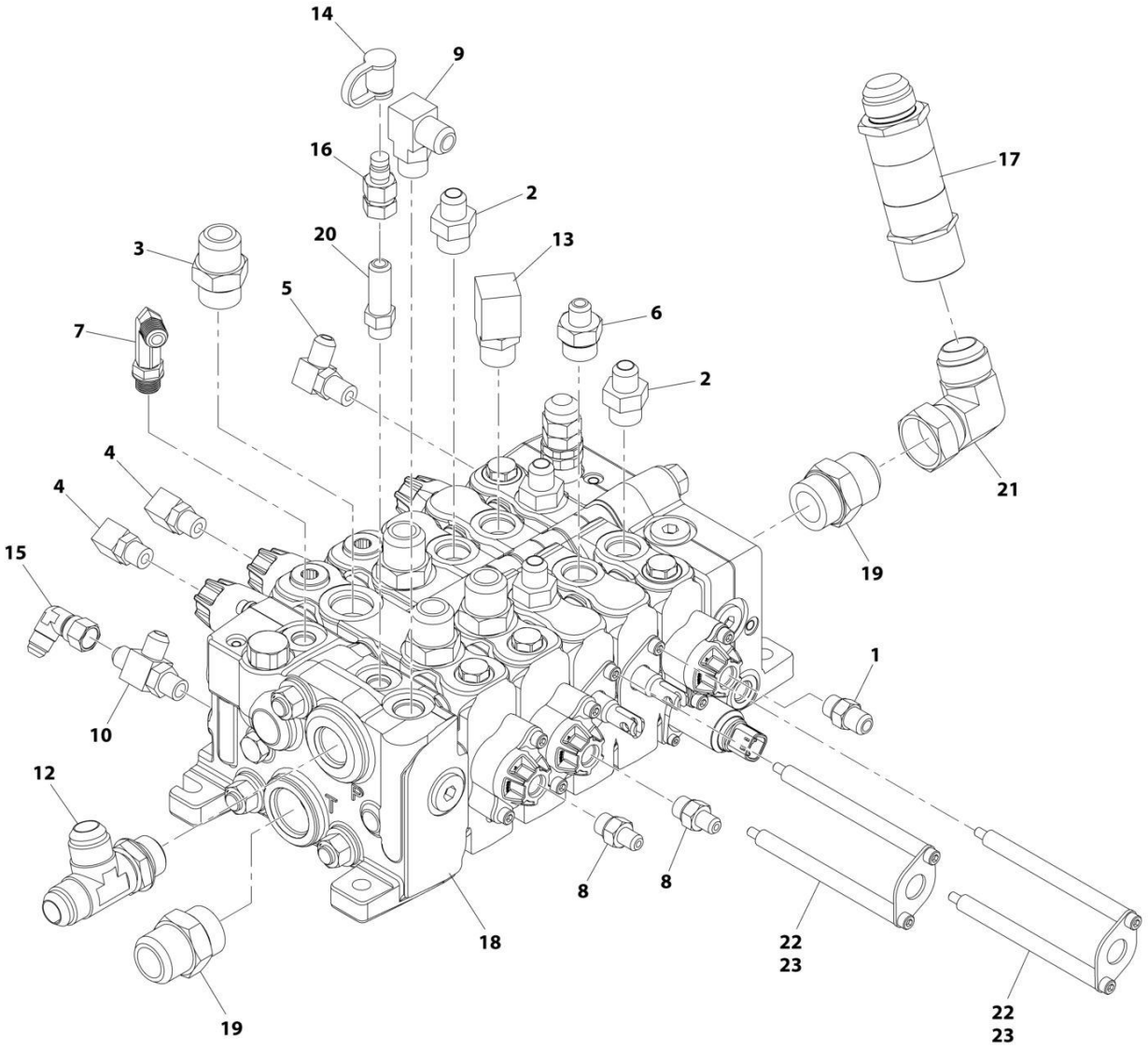


FIGURE 8-20. MAIN CONTROL VALVE INSTALLATION

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 8-21. PUMP HYDRAULICS INSTALLATION

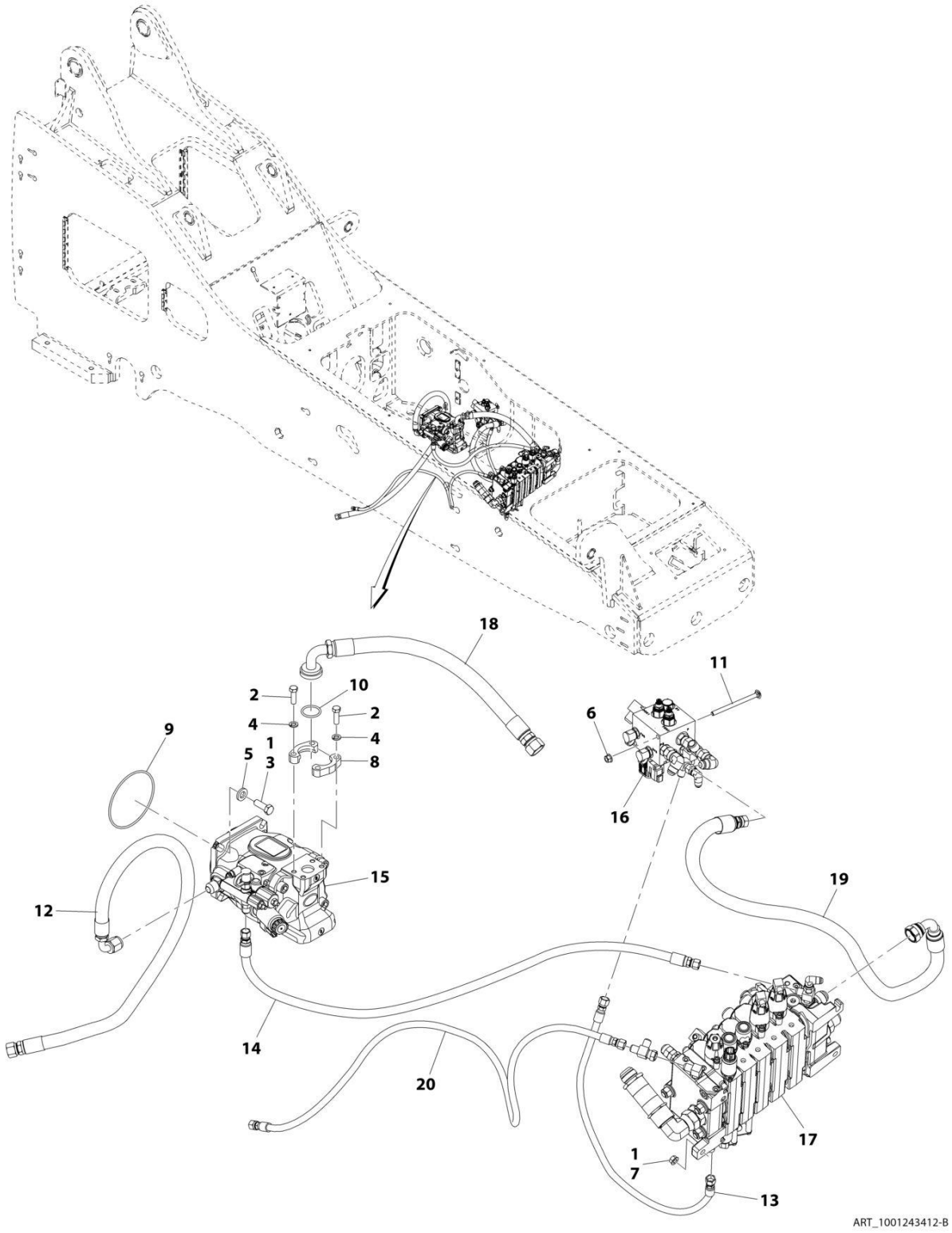


FIGURE 8-21. PUMP HYDRAULICS INSTALLATION

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 8-22. SECONDARY VALVE AND FITTING ASSEMBLY

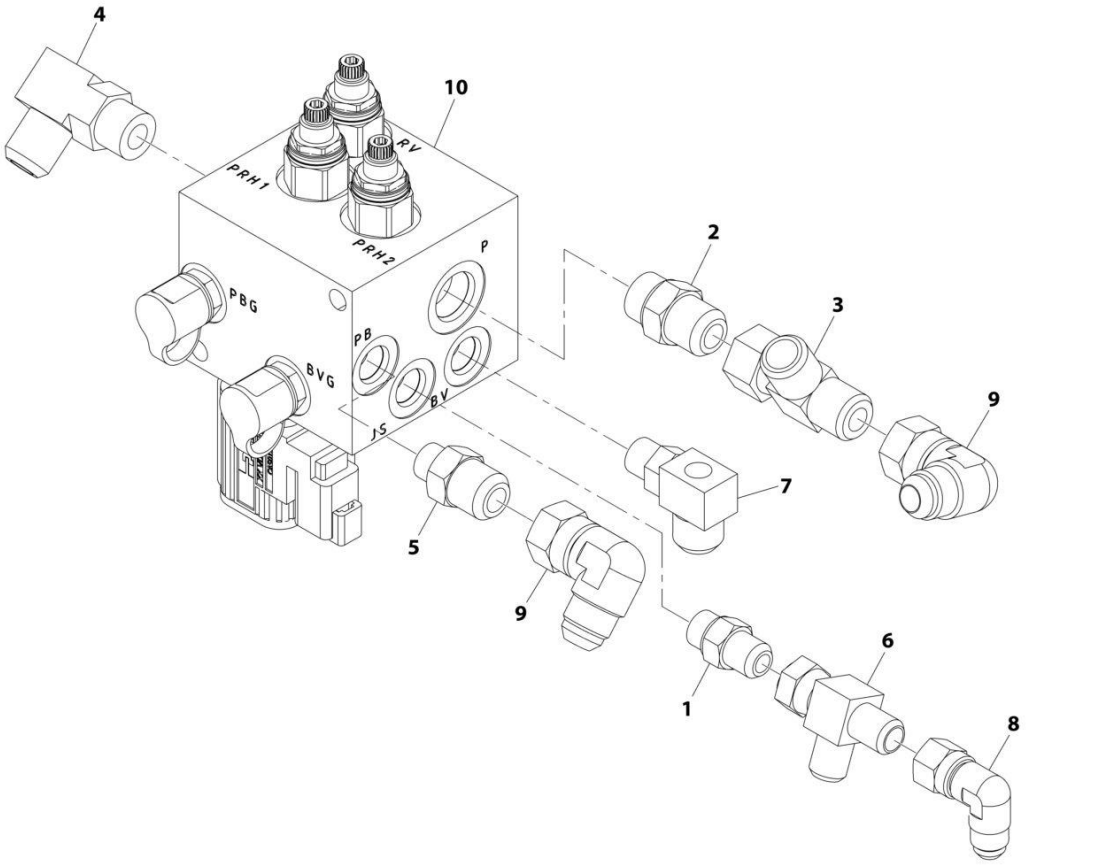


FIGURE 8-22. SECONDARY VALVE AND FITTING ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001247171	Ref	Secondary Valve & Fittings Installation	B
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	1001266771	1	Valve Assembly - Secondary (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 9 - HYDRAULIC COMPONENTS

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-1. CYLINDER ASSEMBLY - CARRIAGE SIDE SHIFT

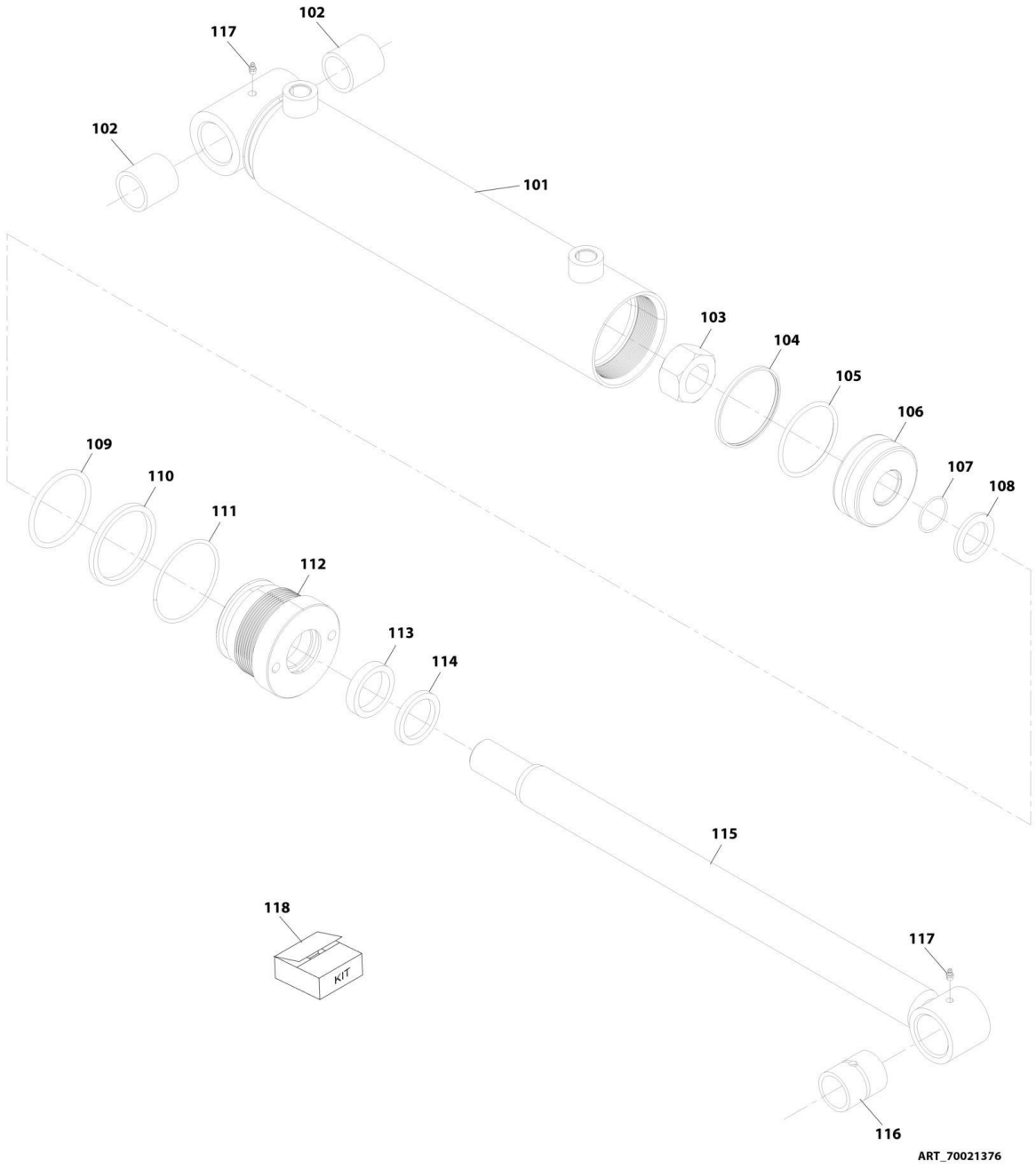


FIGURE 9-1. CYLINDER ASSEMBLY - CARRIAGE SIDE SHIFT

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

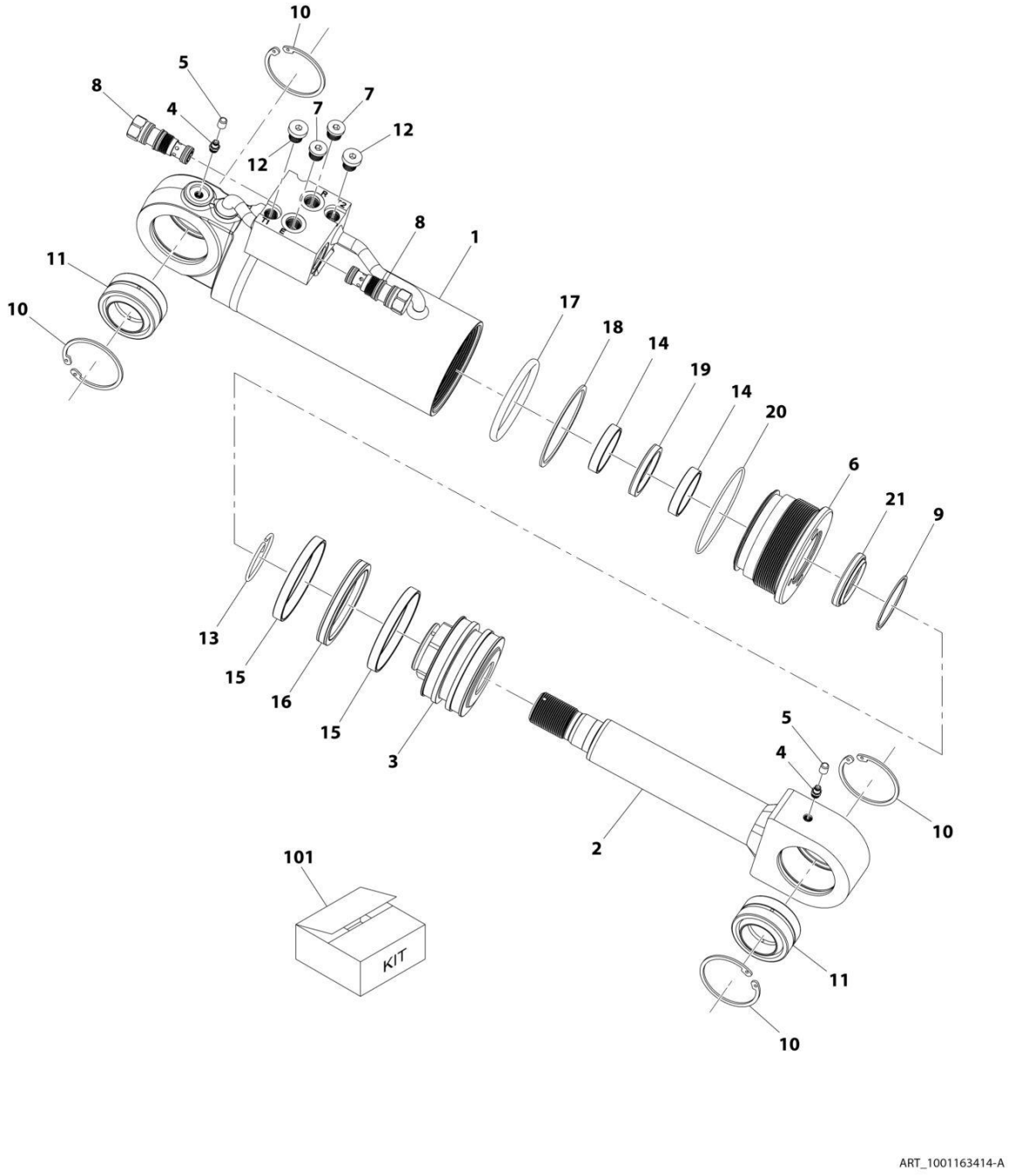


FIGURE 9-2. CYLINDER ASSEMBLY - CARRIAGE SIDE TILT

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

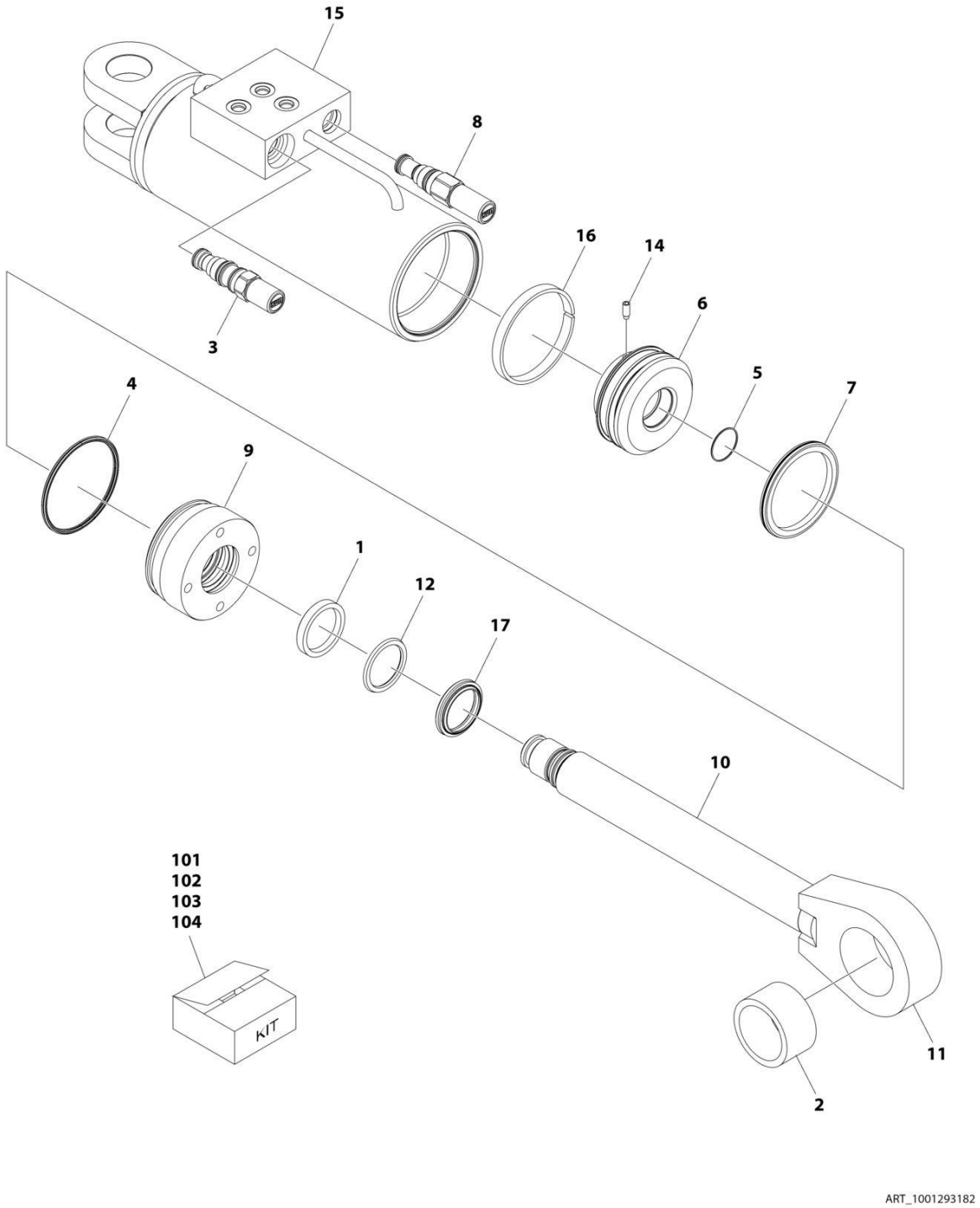


FIGURE 9-3. CYLINDER ASSEMBLY - CARRIAGE SWING

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

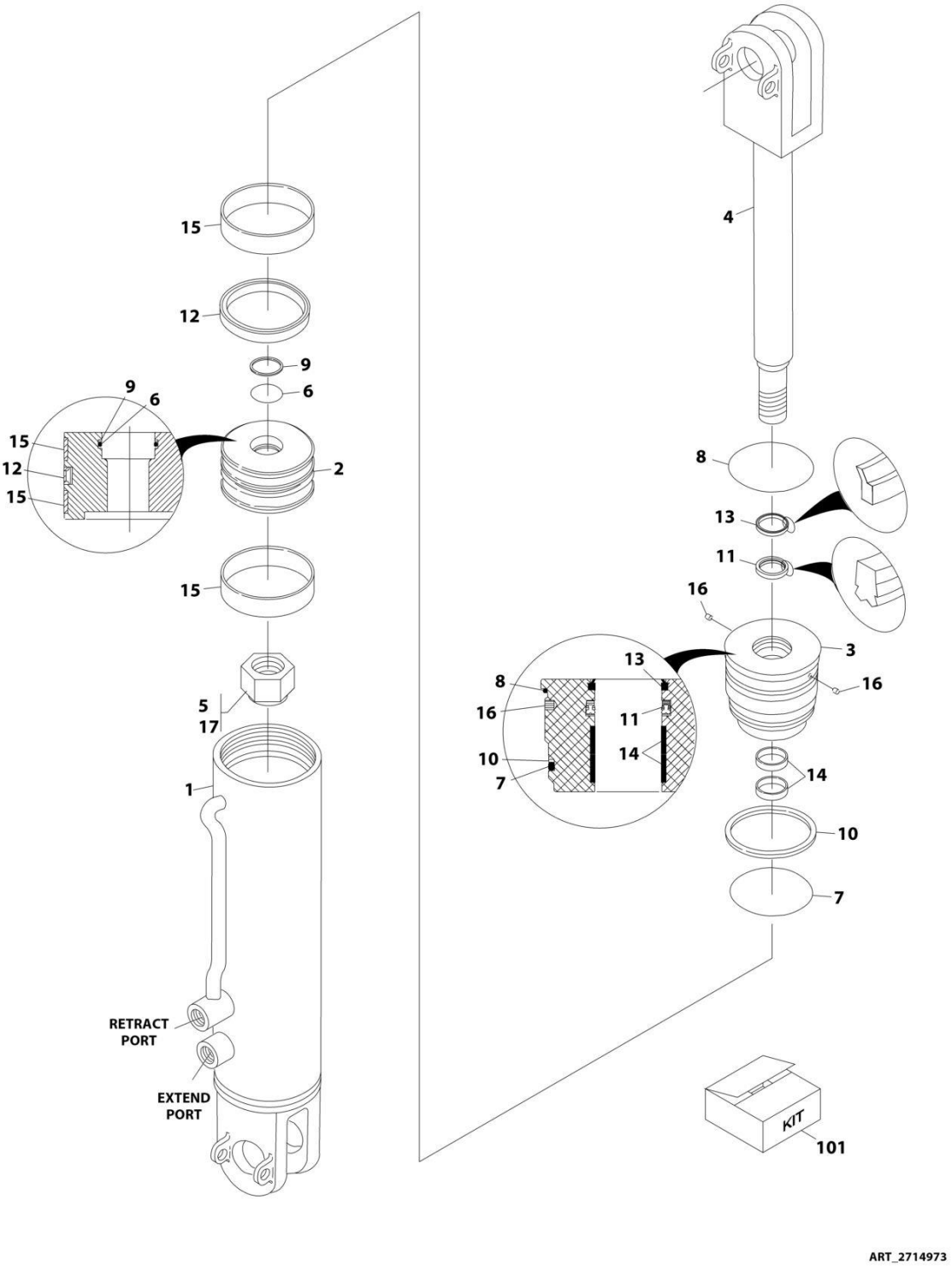


FIGURE 9-4. CYLINDER ASSEMBLY - COMPENSATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2714973	Ref	Compensation Cylinder	E
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
		Ref	Note: Refer to PN Stamped on Barrel before ordering parts.	
1	8036001	1	Tube, Cylinder	
2	8035613	1	Piston	
3	8035612	1	Gland, Head	
4	8035611	1	Rod	
5	8035547	1	Nut, Lock	
6	Kit	1	O-Ring	
7	Kit	1	O-Ring	
8	Kit	1	O-Ring	
9	Kit	1	Ring, Backup	
10	Kit	1	Ring, Backup	
11	Kit	1	Z-Seal, Deep	
12	Kit	1	T-Seal, Capped	
13	Kit	1	Wiper, Seal	
14	Kit	2	Wearband	
15	Kit	2	Wearband	
16	Kit	2	Insert, Locking	
17	8526011	AR	Compound, Locking	
101	8034695	1	Kit, Seal (includes items 6 thru 16)	

FIGURE 9-5. CYLINDER ASSEMBLY - EXTEND/RETRACT

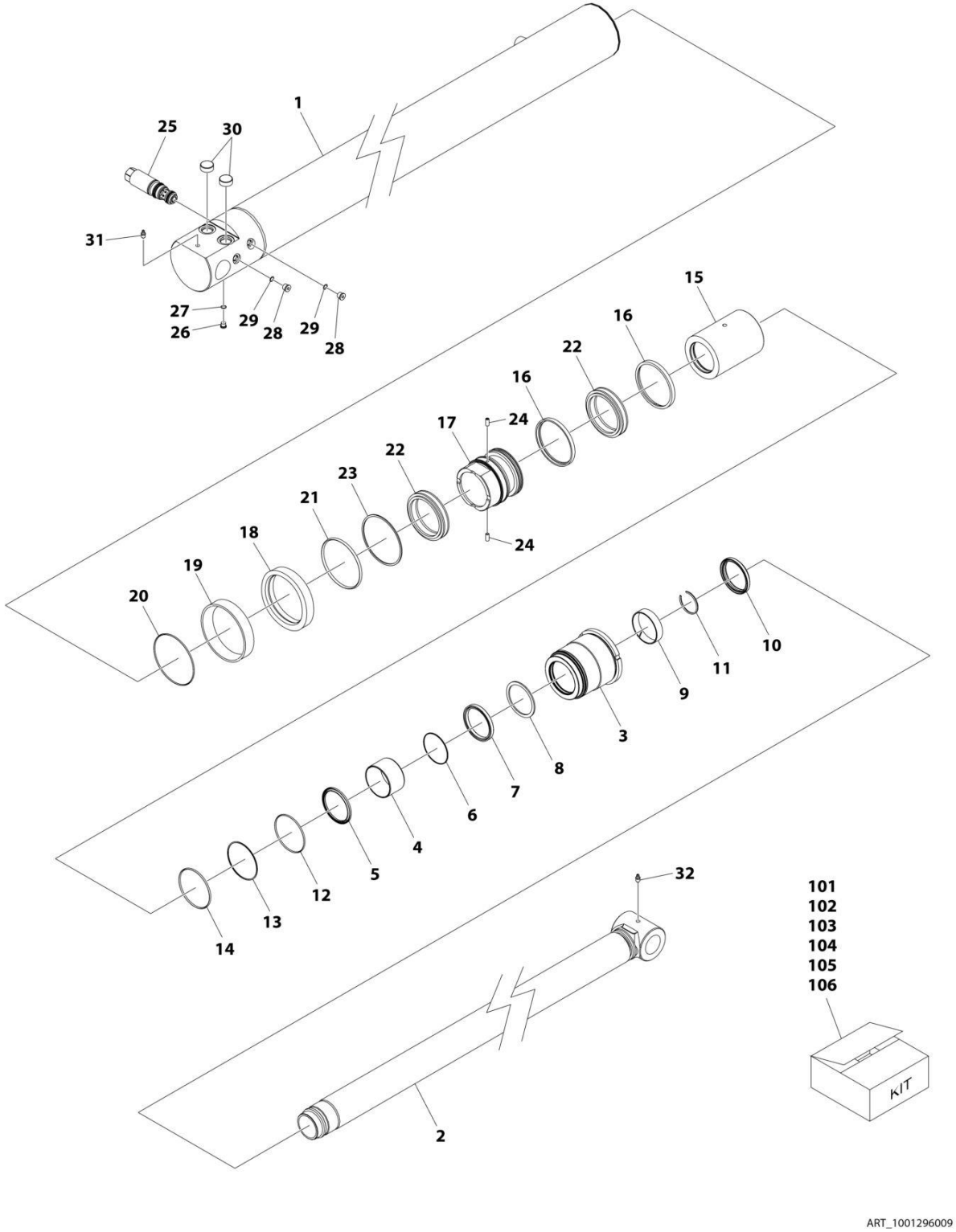


FIGURE 9-5. CYLINDER ASSEMBLY - EXTEND/RETRACT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296009	Ref	EXTEND/RETRACT 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	Tube (Note: No Service Parts Available)	
2	See Note	NSS	Rod (Note: Use Item 101)	
3	See Note	NSS	Rod Cover (Note Use Item 102)	
4	See Note	NSS	Rod Bush (Note: Use Item 102)	
5	See Note	NSS	Ring, Retaining (Note: Use Item 102)	
6	See Note	NSS	Buffer Seal (Note: Use Item 103)	
7	See Note	NSS	U-Packing (Note: Use Item 103)	
8	See Note	NSS	Ring, Back-Up (Note: Use Item 103)	
9	See Note	NSS	Ring, Wear (Note: Use Item 103)	
10	See Note	NSS	Dust Wiper (Note: Use Item 103)	
11	See Note	NSS	Ring, Retaining (Note: Use Item 103)	
12	See Note	NSS	O-Ring (Note: Use Item 103)	
13	See Note	NSS	Ring, Back-Up (Note: Use Item 103)	
14	See Note	NSS	O-Ring (Note: Use Item 103)	
15	See Note	NSS	Spacer (Note: Use Item 104)	
16	See Note	NSS	O-Ring (Note: Use Item 104)	
17	See Note	NSS	Piston (Note: Use Item 105)	
18	See Note	NSS	Compact Seal (Note: Use Item 103)	
19	See Note	NSS	Ring, Wear (Note: Use Item 103)	
20	See Note	NSS	Dust Ring (Note: Use Item 103)	
21	See Note	NSS	O-Ring (Note: Use Item 103)	
22	See Note	NSS	Ring, Back-Up (Note: Use Item 103)	
23	See Note	NSS	O-Ring (Note: Use Item 103)	
24	See Note	NSS	Set Screw (Note: Use Item 105)	
25	1001170316	1	Cartridge, Counterbalance Valve	
26	See Note	NSS	Plug (Note: Use Item 106)	
27	See Note	NSS	O-Ring (Note: Use Item 106)	
28	See Note	NSS	Plug (Note: Use Item 106)	
29	See Note	NSS	O-Ring (Note: Use Item 106)	
30	See Note	NSS	Dust Cap (Note: No Service Parts Available)	
31	See Note	NSS	Grease Nipple (Note: No Service Parts Available)	
32	See Note	NSS	Grease Nipple (Note: Use Item 101)	
101	70031344	1	Rod Kit (Includes Items # 2 & 32)	
102	70031345	1	Rod Cover Kit (Includes Items # 3-5)	
103	70031346	1	Seal Kit (Includes Items # 6-14 & 18-23)	
104	70031347	1	Spacer Kit (Includes Items # 15 & 16)	
105	70031348	1	Piston Kit (Includes Items # 17 & 24)	
106	70031349	1	Plug Kit (Includes Items # 26-29)	

FIGURE 9-6. CYLINDER ASSEMBLY - FORK POSITIONING

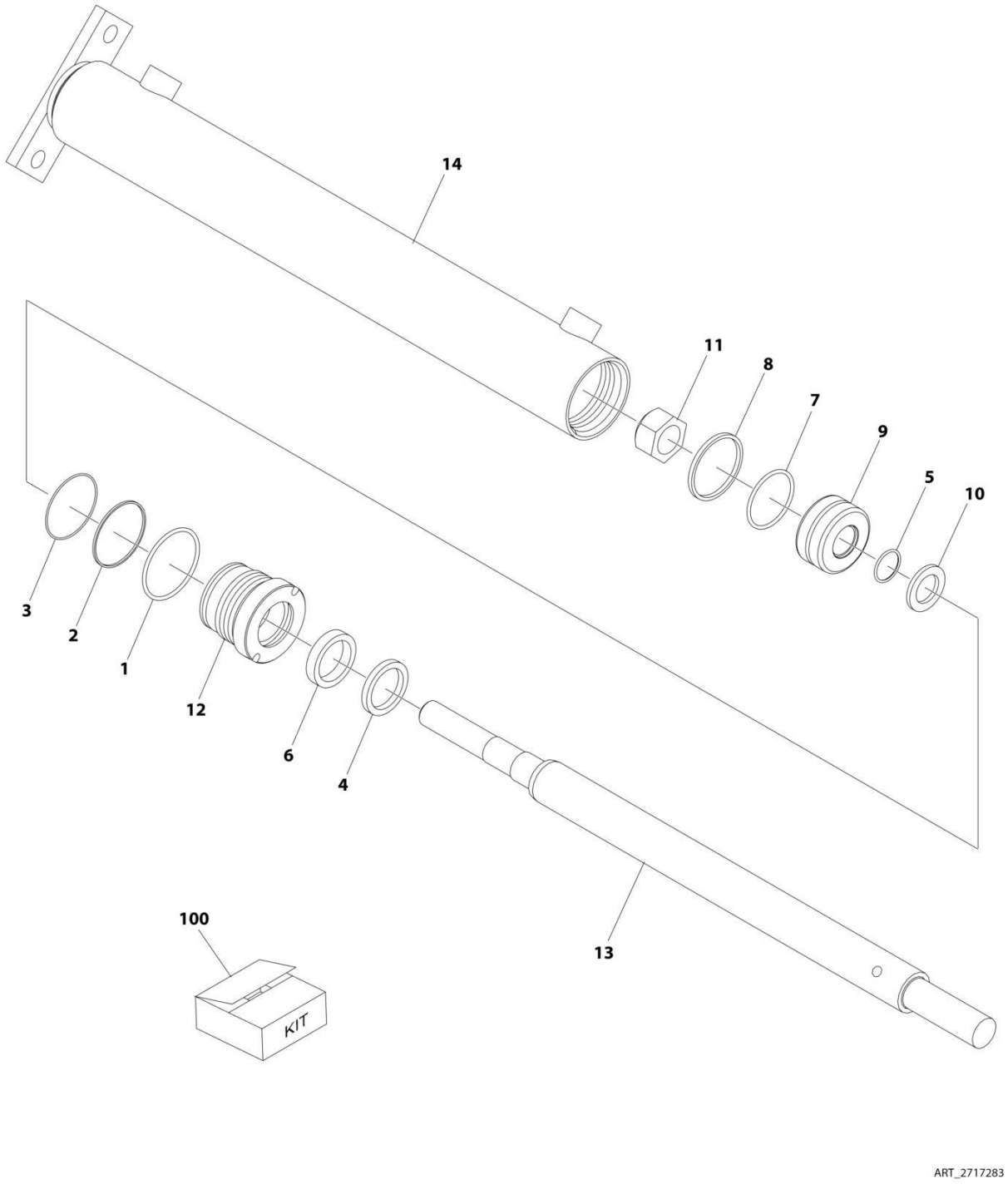


FIGURE 9-6. CYLINDER ASSEMBLY - FORK POSITIONING

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

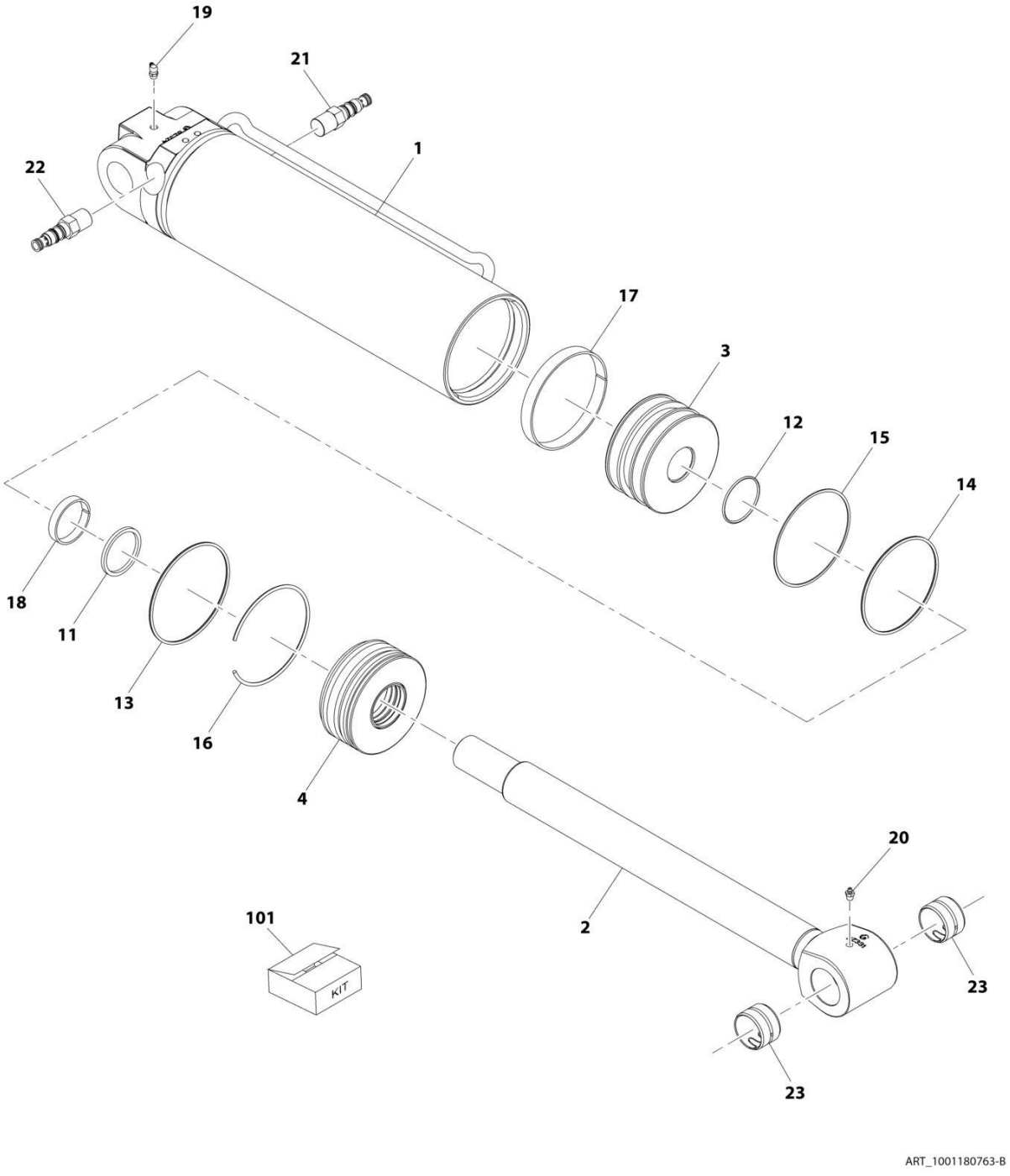


FIGURE 9-7. CYLINDER ASSEMBLY - FORK TILT

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

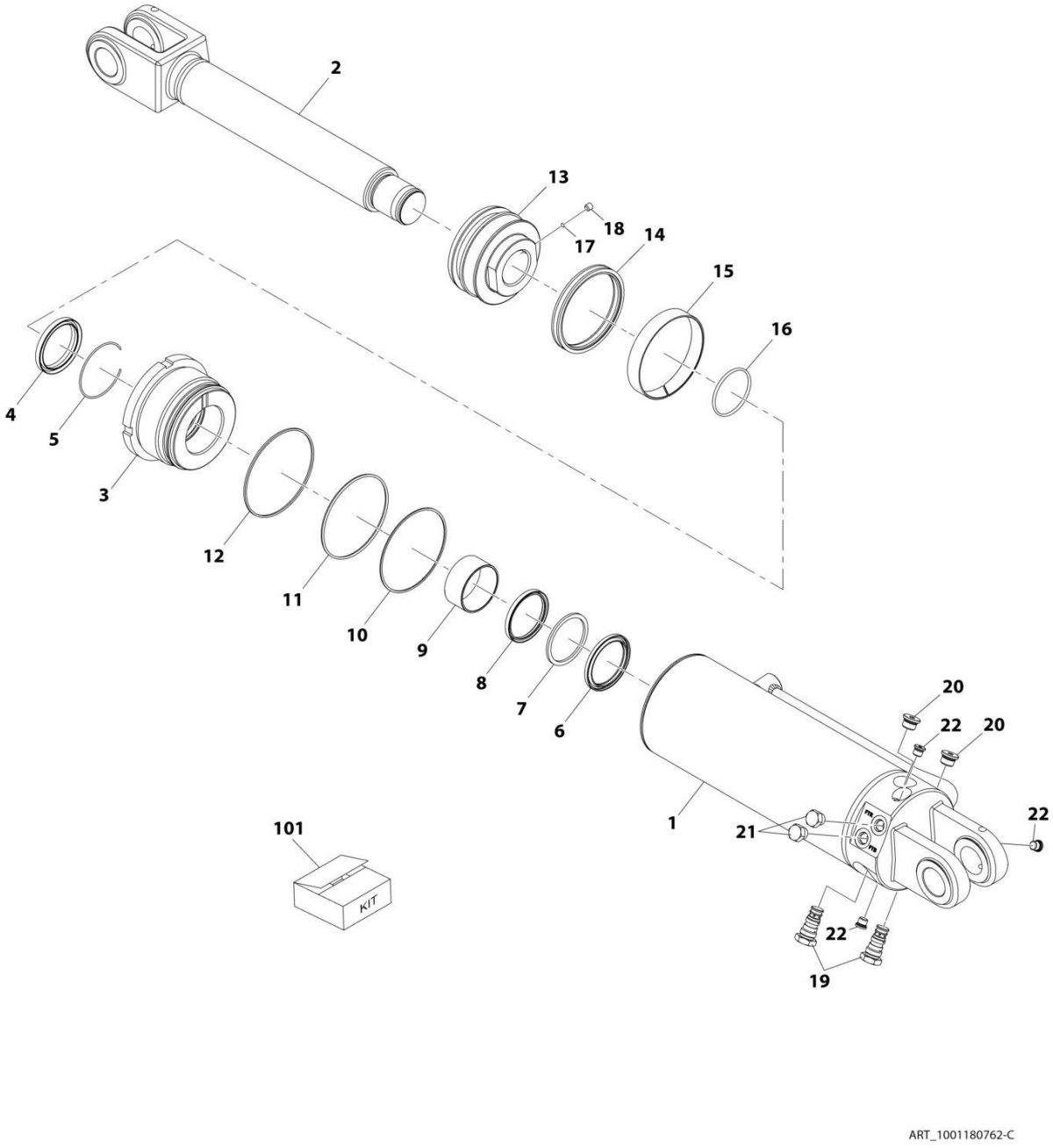


FIGURE 9-8. CYLINDER ASSEMBLY - FRAME LEVEL

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

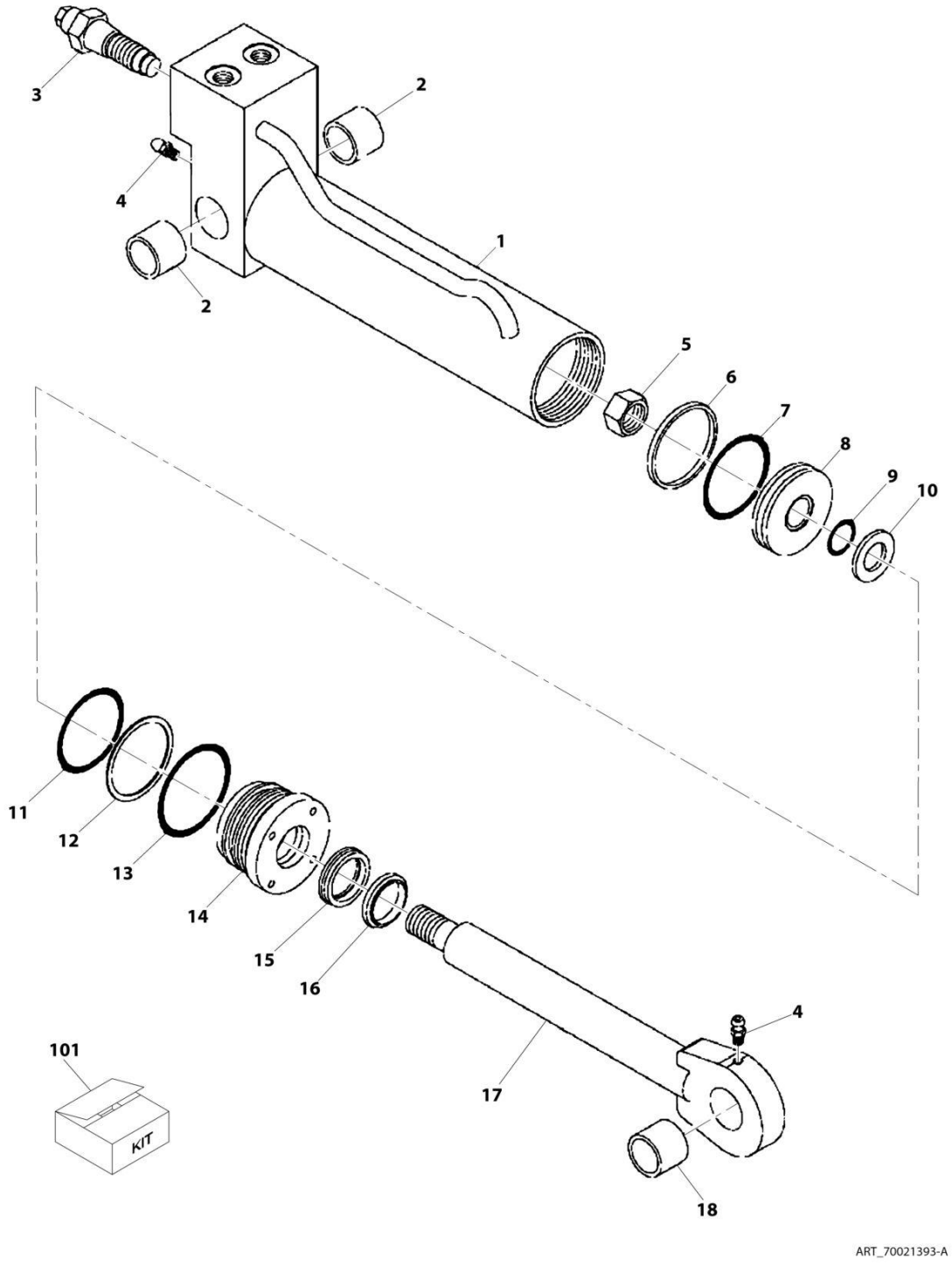


FIGURE 9-9. CYLINDER ASSEMBLY - GRAPPLE BUCKET

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

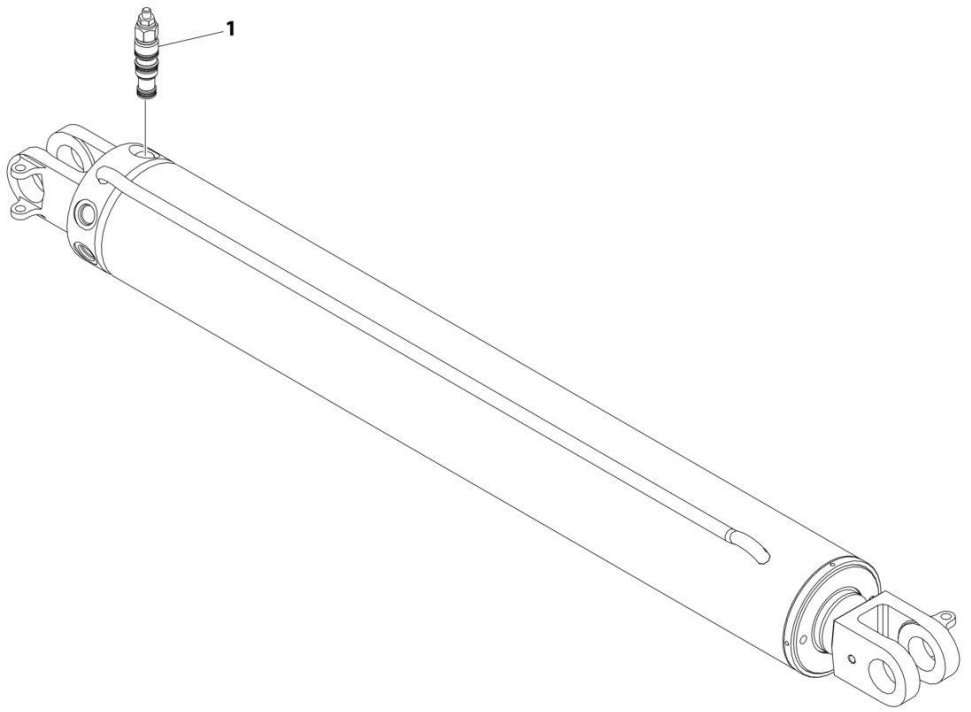


FIGURE 9-10. CYLINDER ASSEMBLY - LIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296322	Ref	LIFT CYLINDER	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
	See Note	Ref	Note: No Other Service Parts Available at time of Printing	
1	1001254411	1	Valve, Check	

FIGURE 9-11. CYLINDER ASSEMBLY - OUTRIGGER

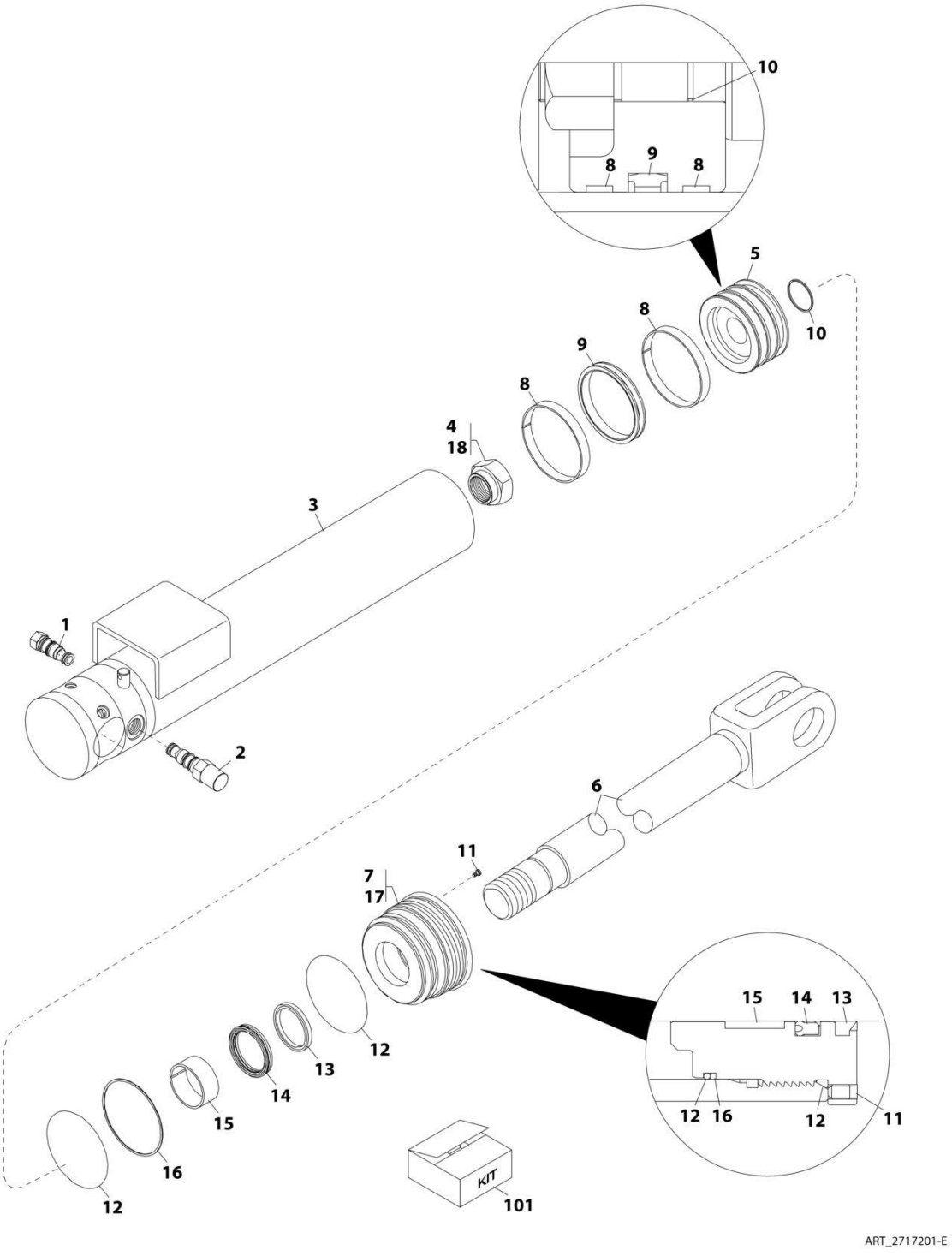


FIGURE 9-11. CYLINDER ASSEMBLY - OUTRIGGER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2717201	Ref	Outrigger Cylinder	E
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	8036750	1	Valve, PO Check	
	2900770	1	Kit, Seal	
2	8036732	1	Valve, Counterbalance, 1000 PSI	
	8035327	1	Kit, Seal	
3	70020658	1	Assembly, Barrel	
4	8036825	1	Nut, Lock 1-1/2-12	
5	8036837	1	Piston	
6	8036838	1	Weldment, Rod	
7	8036839	1	Gland, Head	
8	Kit	2	Wearband, Precision	
9	Kit	1	T-Seal, Capped	
10	Kit	1	O-Ring	
11	8036811	1	Screw, 1/4-20X3/8	
12	Kit	2	O-Ring	
13	Kit	1	Ring, Wiper	
14	Kit	1	Z-Seal	
15	Kit	1	Wearband, Precision	
16	Kit	1	Ring, Backup	
17	8526007	AR	Compound, Locking	
18	8526011	AR	Compound, Locking	
101	8036784	2	Kit, Seal (includes items 8 thru 10 & 12 thru 16)	

FIGURE 9-12. CYLINDER ASSEMBLY - PIPE HANDLER

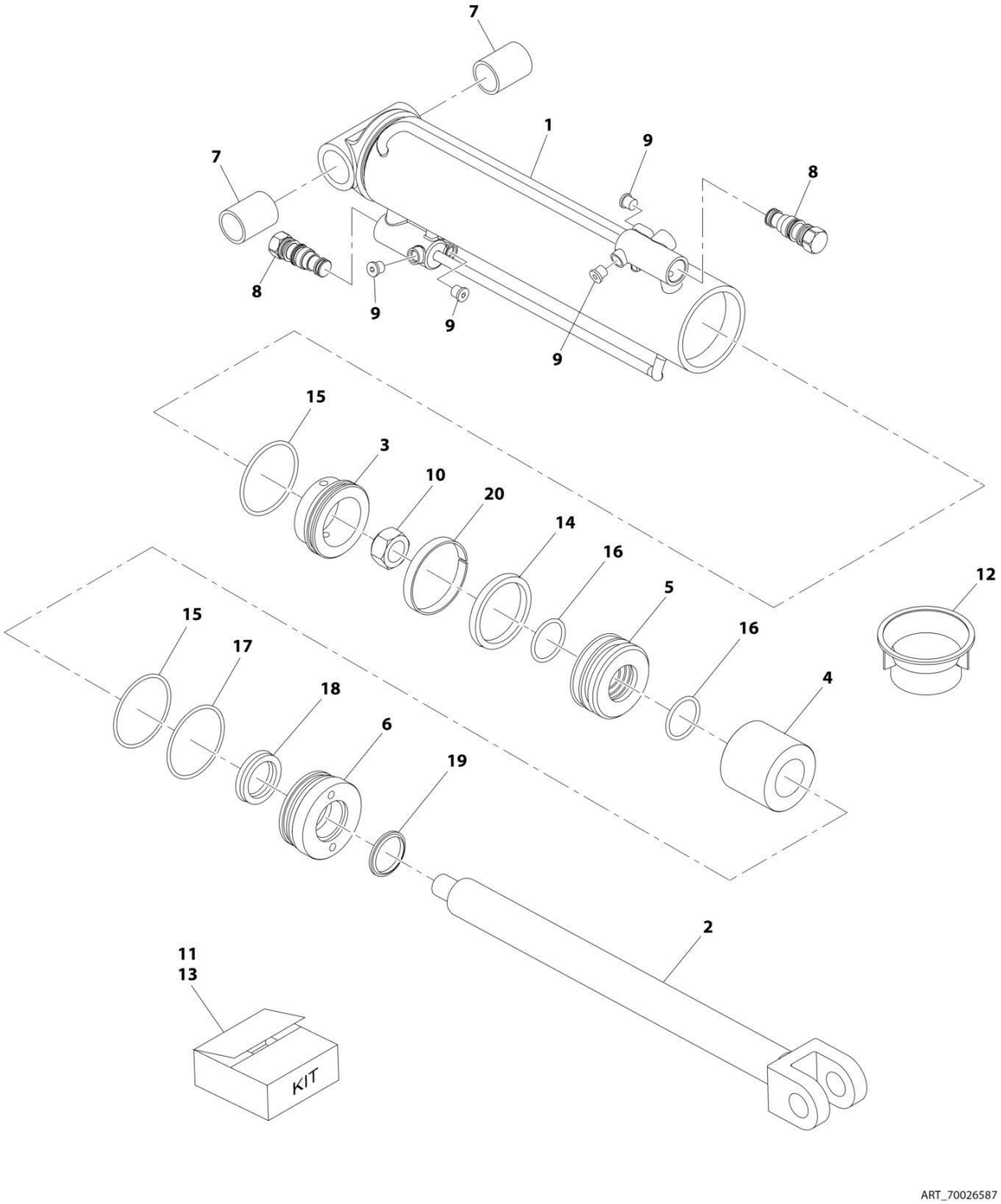


FIGURE 9-12. CYLINDER ASSEMBLY - PIPE HANDLER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70026587	Ref	Pipe Handler Cylinder	
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70026495	1	Barrel	
2	70026610	1	Rod	
3	70026497	1	Spacer	
4	70026611	1	Spacer	
5	70026499	1	Piston	
6	70026500	1	Retainer	
7	70026501	2	Bushing	
8	70026502	2	Valve, Check	
9	70024129	4	Fitting, 4	
10	70026503	1	Nut	
11	70024734	1	Kit, Check Valve Service	
12	70026505	1	Seal Loader	
13	70026506	1	Seal Kit (includes items 14 thru 20)	
14	Kit	AR	Seal (Note: Use Item 13)	
15	Kit	AR	O-Ring (Note: Use Item 13)	
16	Kit	AR	O-Ring (Note: Use Item 13)	
17	Kit	AR	Ring, Back-up (Note: Use Item 13)	
18	Kit	AR	Seal (Note: Use Item 13)	
19	Kit	AR	Wiper (Note: Use Item 13)	
20	Kit	AR	Ring, Wear (Note: Use Item 13)	

FIGURE 9-13. CYLINDER ASSEMBLY - STABIL-TRAK

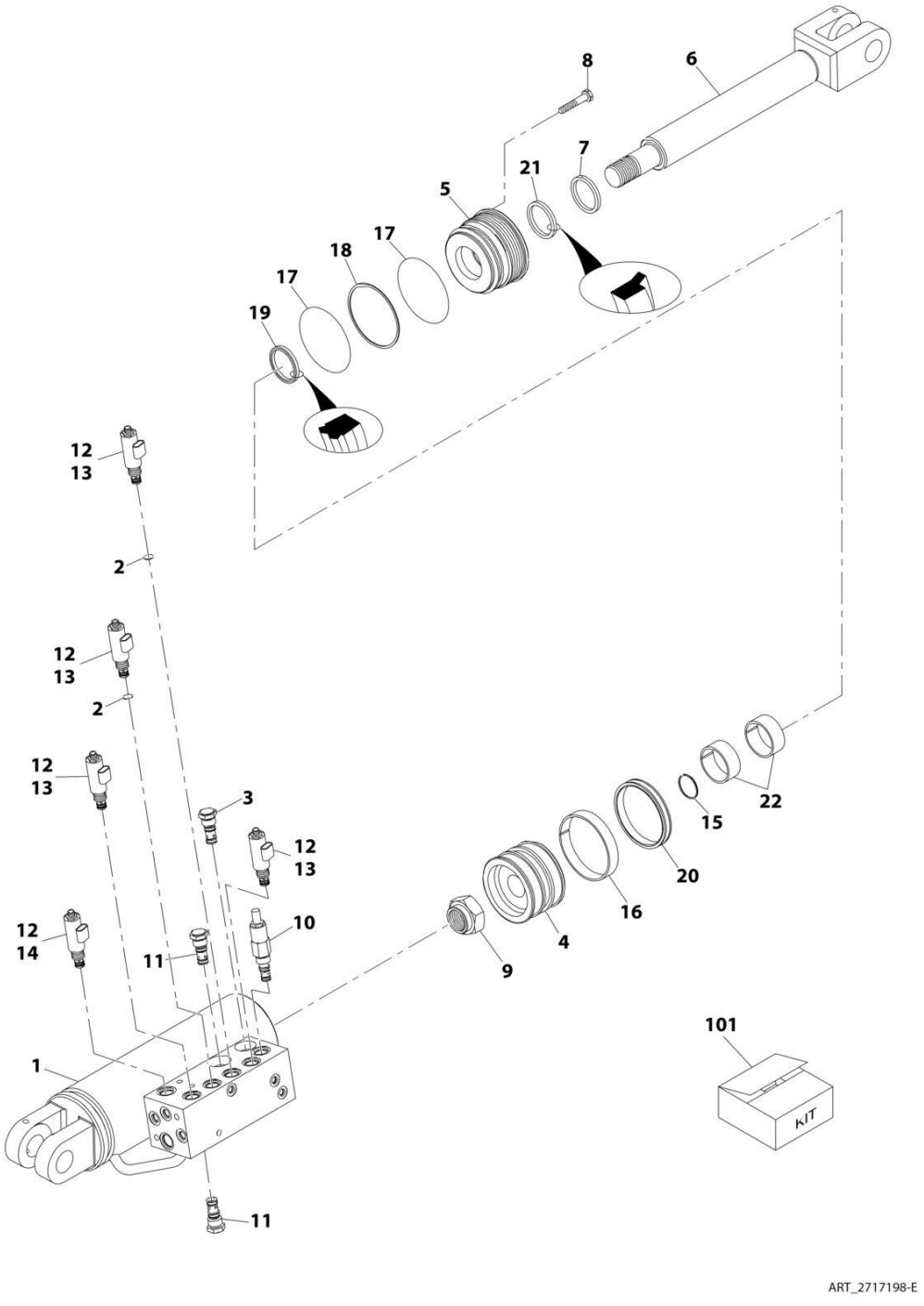
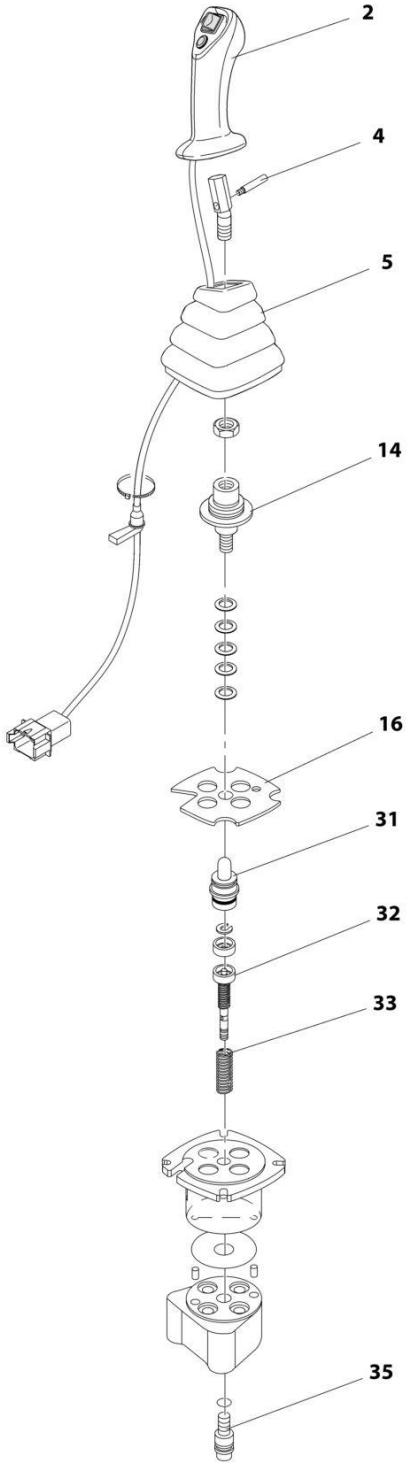


FIGURE 9-13. CYLINDER ASSEMBLY - STABIL-TRAK

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 9-14. STICKJOY ASSEMBLY

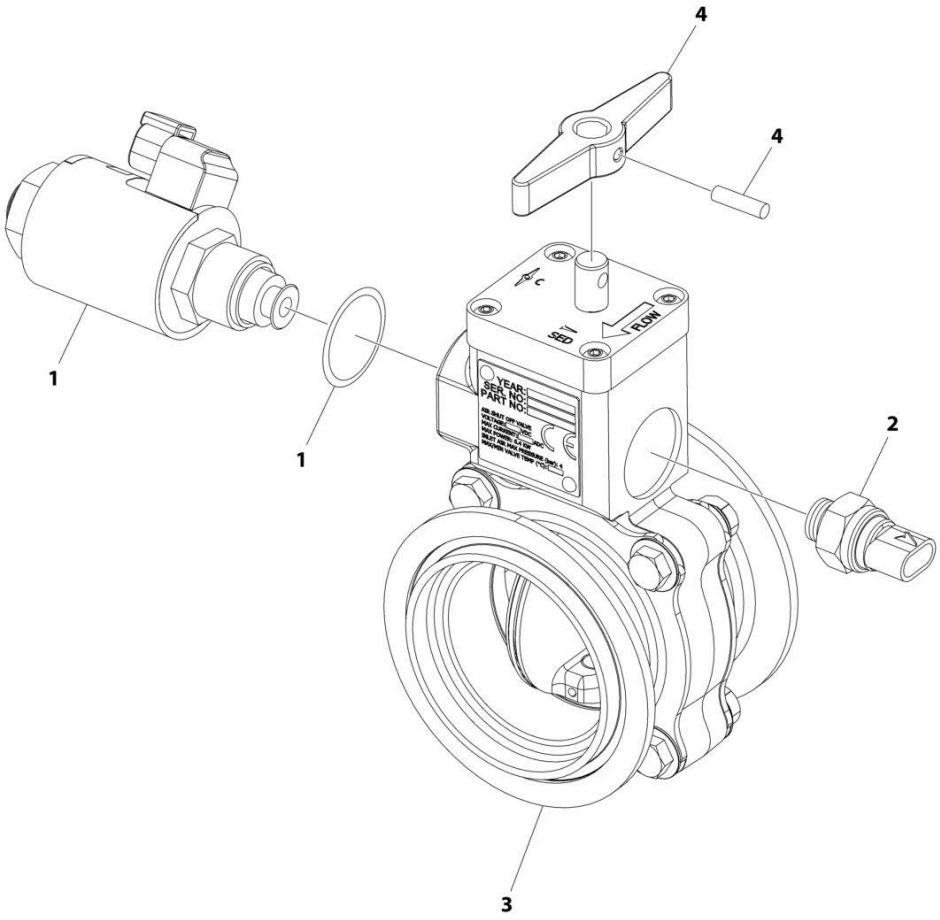


ART_1001158002-B

FIGURE 9-14. STICKJOY 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 9-15. VALVE ASSEMBLY - AIR SHUT OFF



ART_1001204032_C

FIGURE 9-15. 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 9-16. VALVE SUB-ASSEMBLY - BRAKE

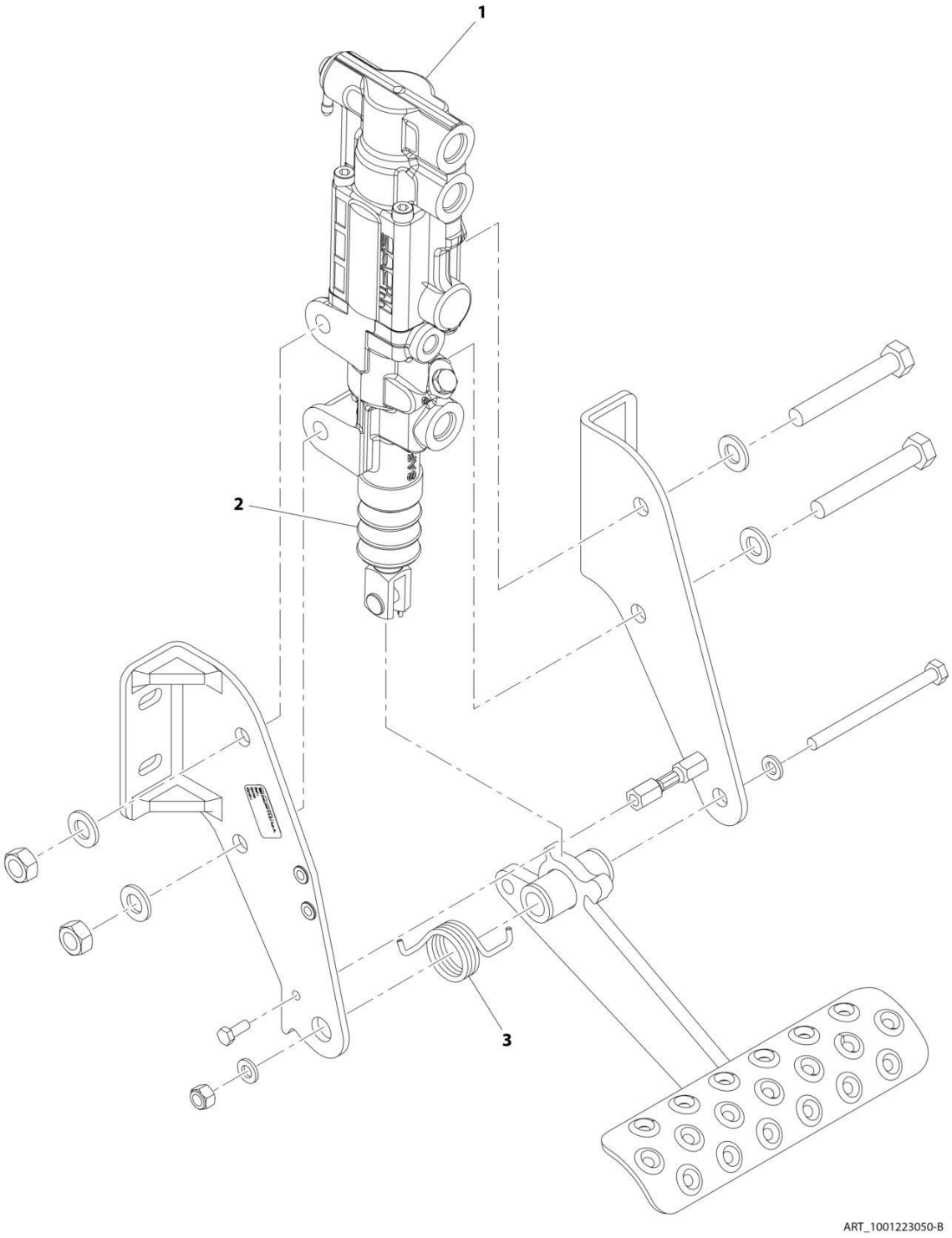


FIGURE 9-16. VALVE SUB-ASSEMBLY - BRAKE

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 9-17. VALVE ASSEMBLY - BRAKE

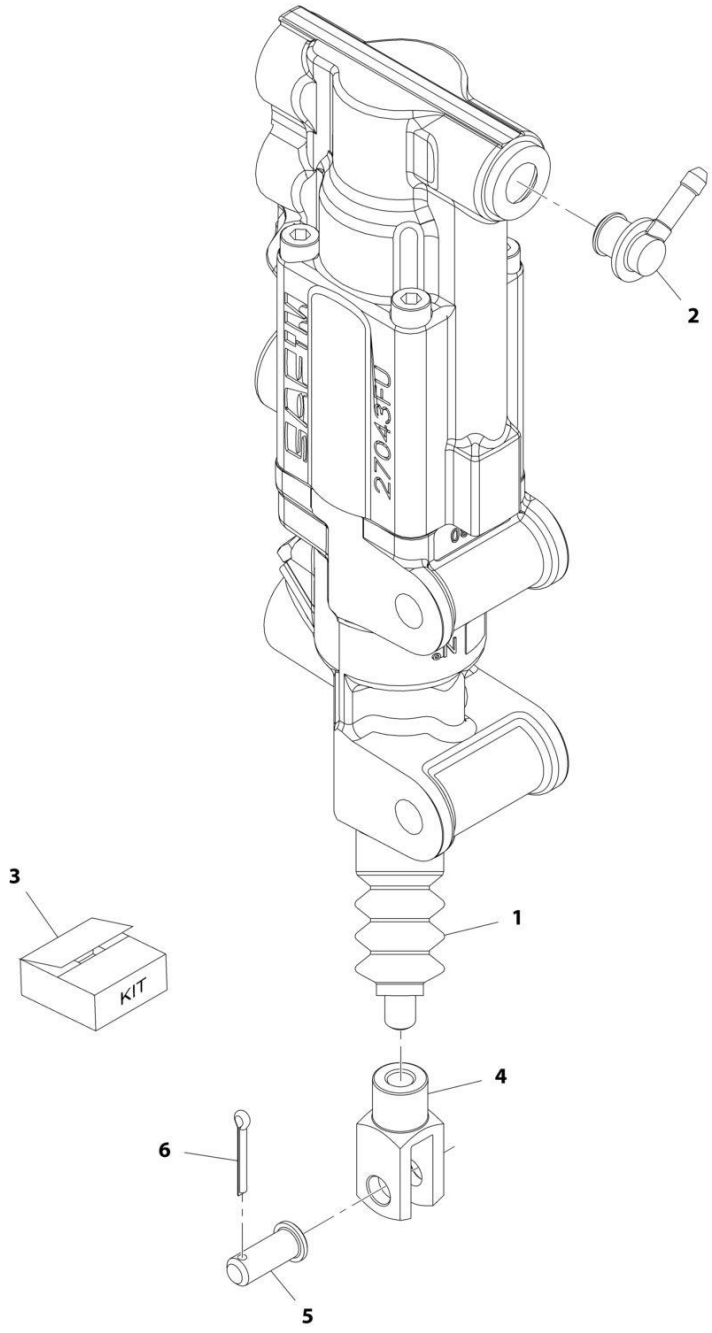


FIGURE 9-17. VALVE ASSEMBLY - BRAKE

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 9-18. VALVE ASSEMBLY - CARRIAGE FORK POSITIONING

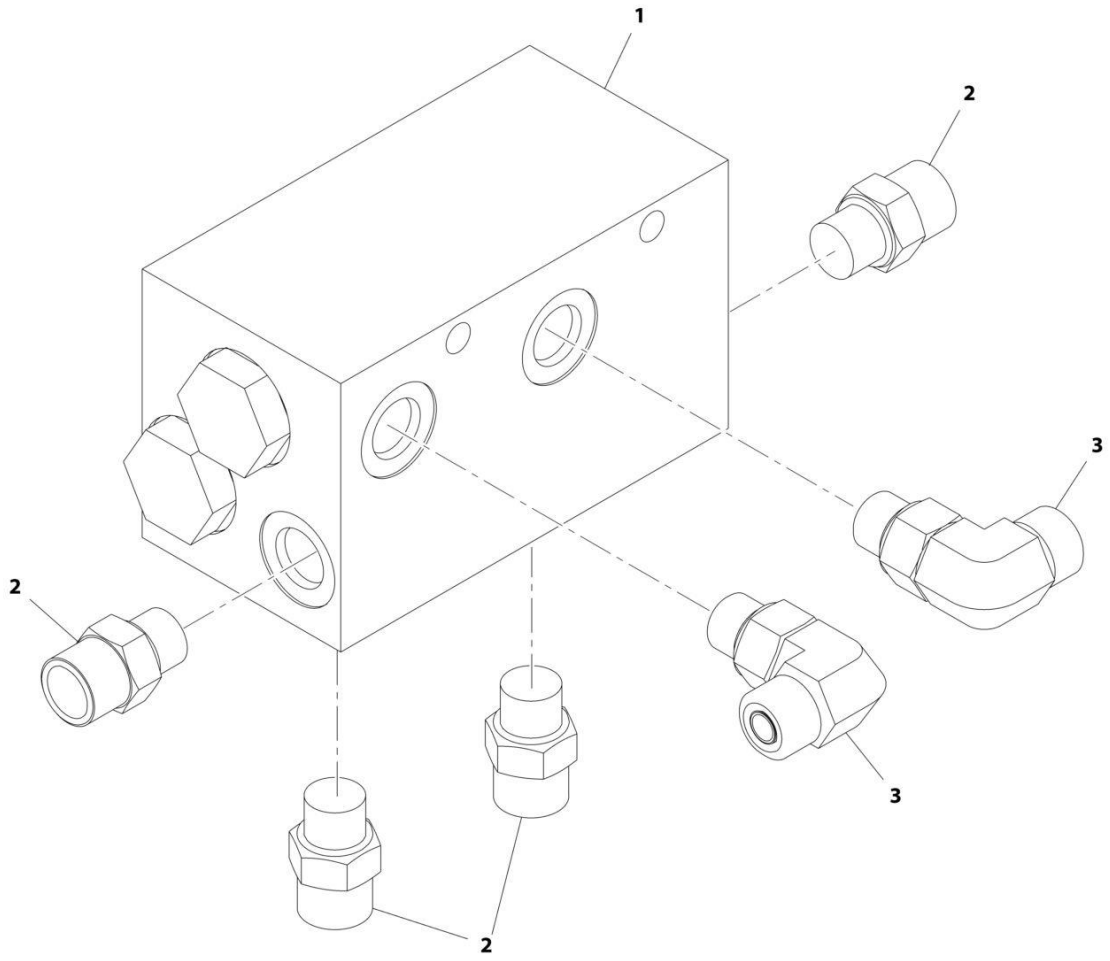


FIGURE 9-18. VALVE ASSEMBLY - CARRIAGE FORK POSITIONING

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 9-19. VALVE ASSEMBLY - CARRIAGE PIPE GRAPPLE

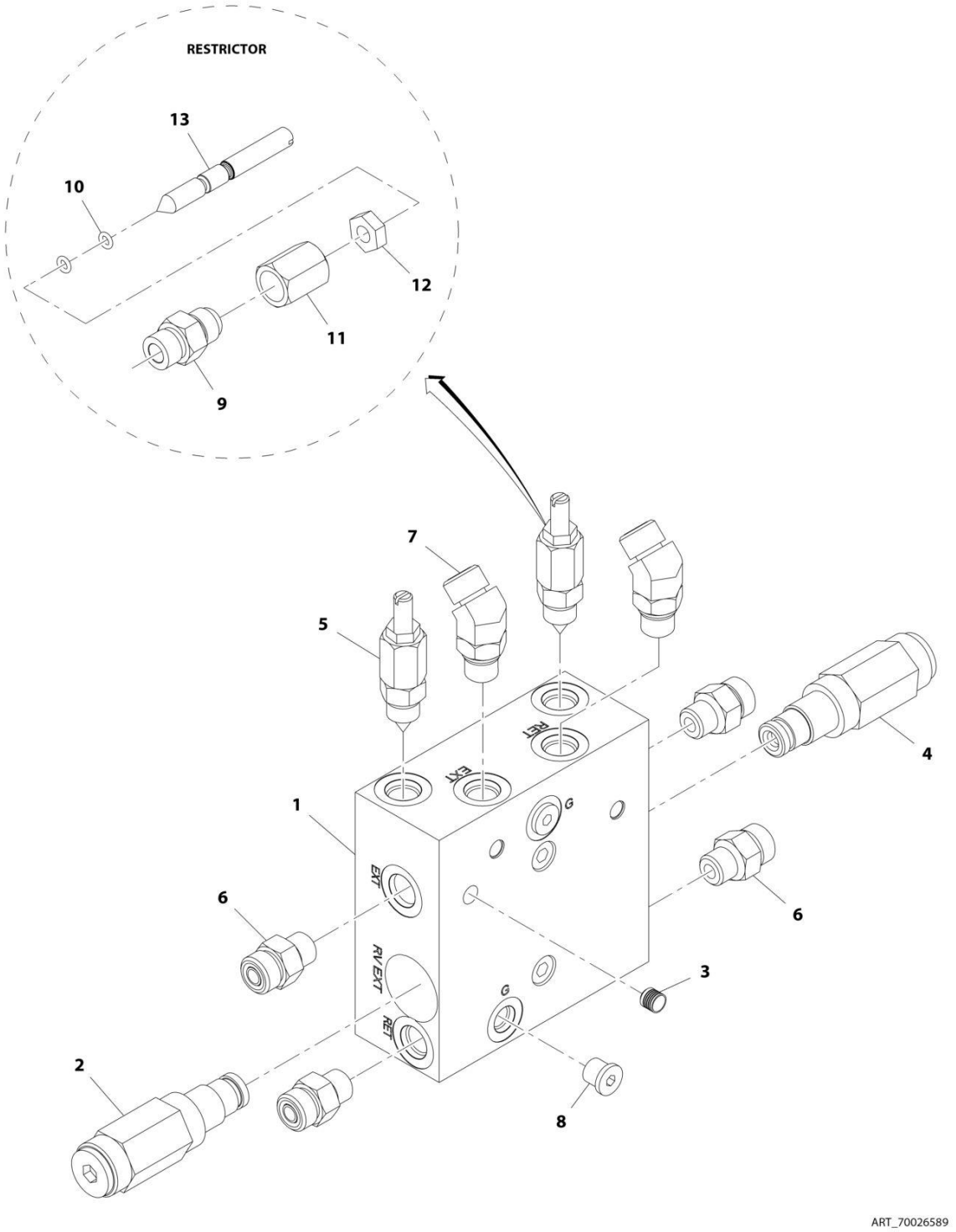


FIGURE 9-19. VALVE ASSEMBLY - CARRIAGE PIPE GRAPPLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70026589	Ref	Valve Assembly	
1	70026612	NLA	Manifold (Purchase Complete Assembly)	
2	70026613	1	Cartridge	
3	70026614	4	Plug	
4	70026478	1	Cartridge	
5	70026615	2	Restrictor	
6	70024130	4	Fitting	
7	70026616	2	Fitting	
8	70024129	2	Plug	
9	70026617	1	Fitting	
10	70026618	2	O-Ring	
11	70026619	1	Cap	
12	70026620	1	Jam Nut	
13	70026621	1	Plunger	

FIGURE 9-20. VALVE ASSEMBLY - FLOW DIVIDER

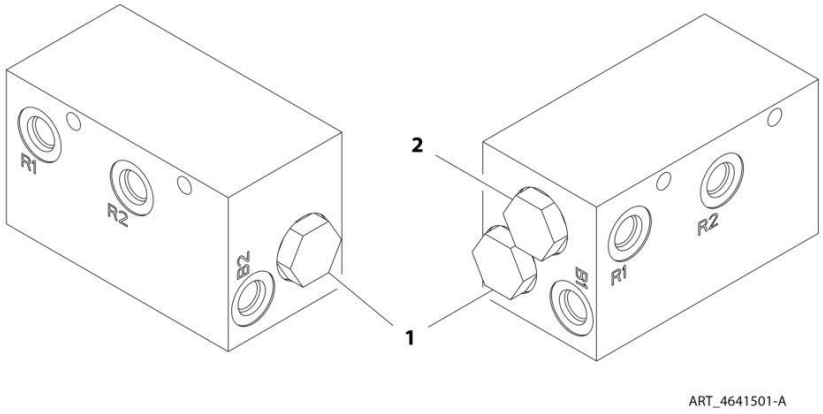


FIGURE 9-20. VALVE ASSEMBLY - FLOW DIVIDER

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

FIGURE 9-21. VALVE ASSEMBLY - MAIN CONTROL

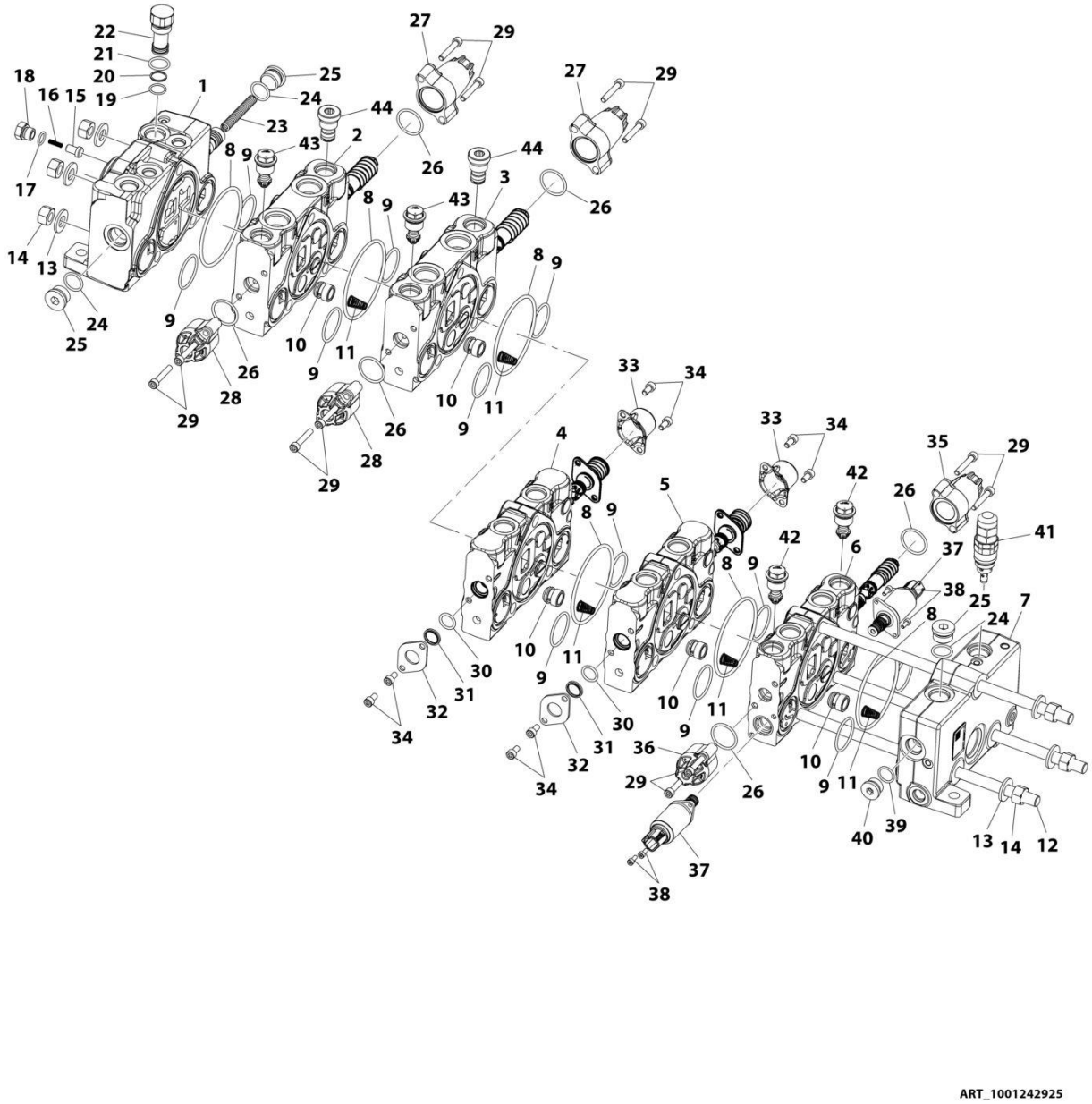


FIGURE 9-21. VALVE ASSEMBLY - MAIN CONTROL

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 9-22. VALVE ASSEMBLY - OUTRIGGER

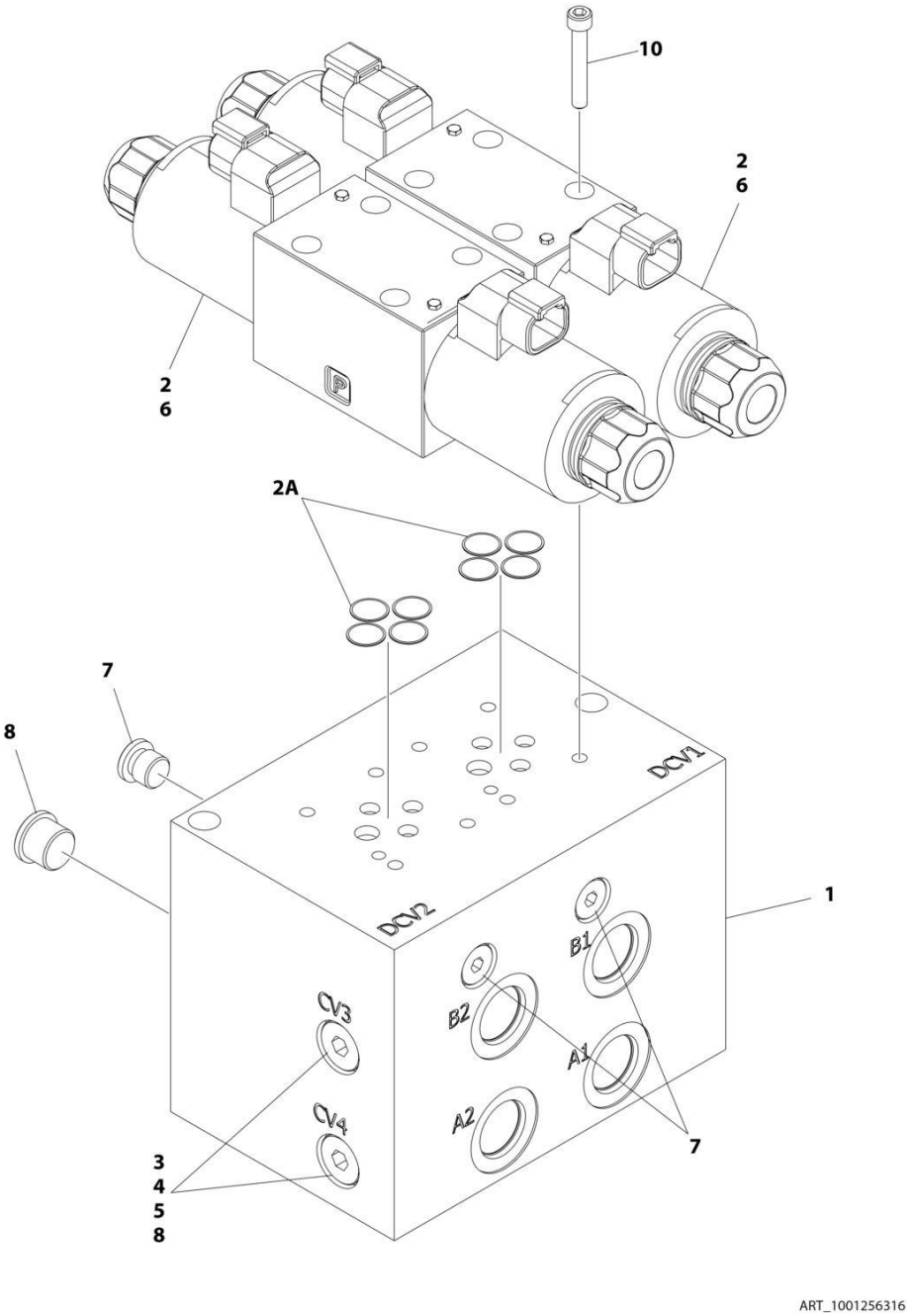


FIGURE 9-22. VALVE ASSEMBLY - OUTRIGGER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256316	Ref	Outrigger Valve	A
1		Ref	Manifold	
2	70026564	2	Valve, Directional Control, (includes o-rings)	
2A	7010746	4	O-Ring	
3	70023506	4	Bearing, Ball	
4	70023507	4	Spring	
5	70023508	4	Retainer	
6	70023509	2	Orifice	
7	8032790	6	Plug	
8	2220885	6	Plug	
10	70029798	8	Capscrew M10X215	

FIGURE 9-23. VALVE ASSEMBLY - SECONDARY

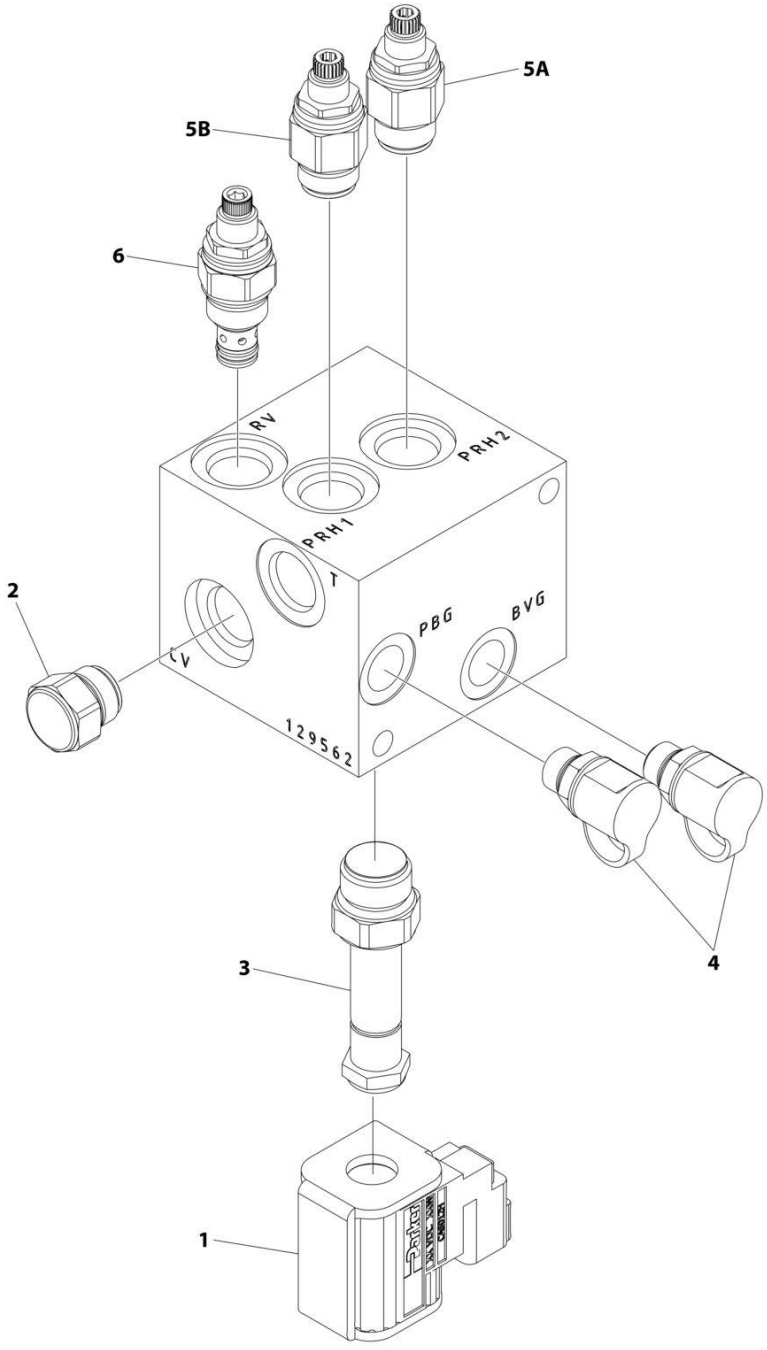
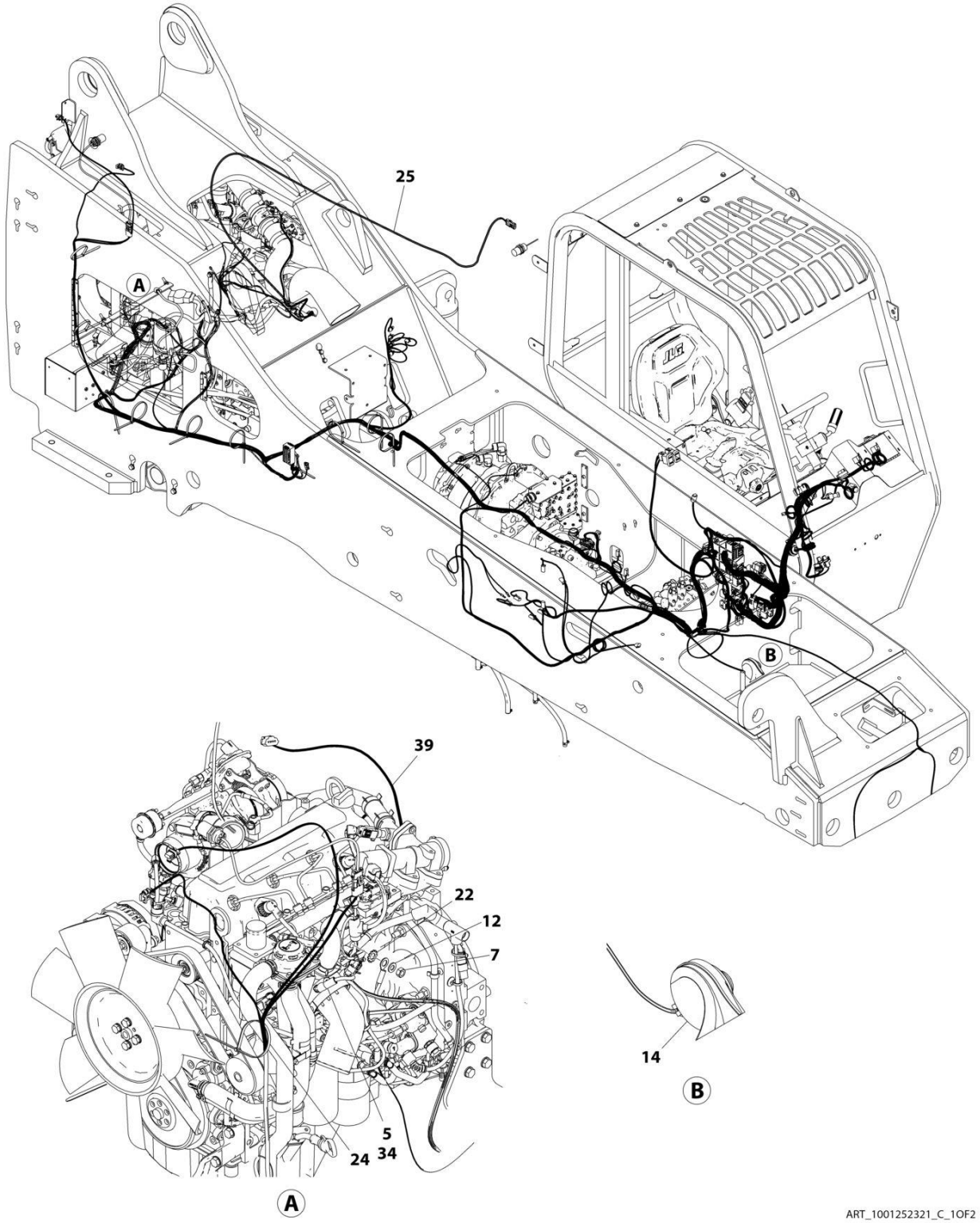


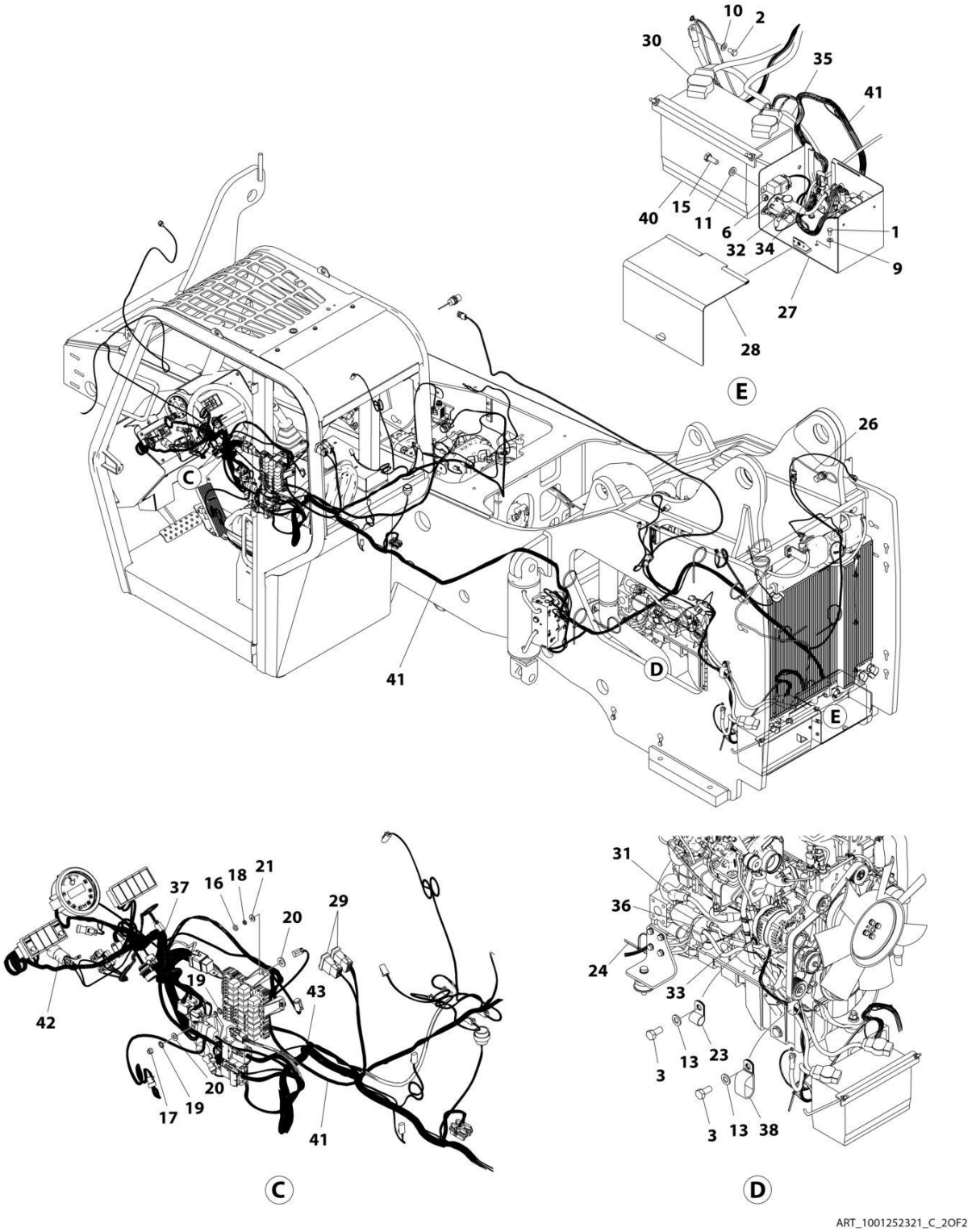
FIGURE 9-23. VALVE ASSEMBLY - SECONDARY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266771	Ref	VALVE ASSEMBLY - SECONDARY	B
1	70026085	1	Coil	
2	91474023	1	Cartridge, Check Valve	
	7010769	1	Seal Kit - 91474023 Valve	
3	70026087	1	Cartridge, Solenoid Less Coil	
	8032695	1	Seal Kit - 70026087 Valve	
4	See Note	N.S.S.	Fitting, Straight	
5A	70029558	1	Cartridge, Pressure Relief Valve	
	8032694	1	Seal Kit - 70029558 Valve	
5B	70029584	1	Cartridge, Pressure Relief Valve	
	8032694	1	Seal Kit - 70029584 Valve	
6	70030292	1	Cartridge, Pressure Relief Valve	
	7010769	1	Seal Kit - 70030292 Valve	

SECTION 10 - ELECTRICAL

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



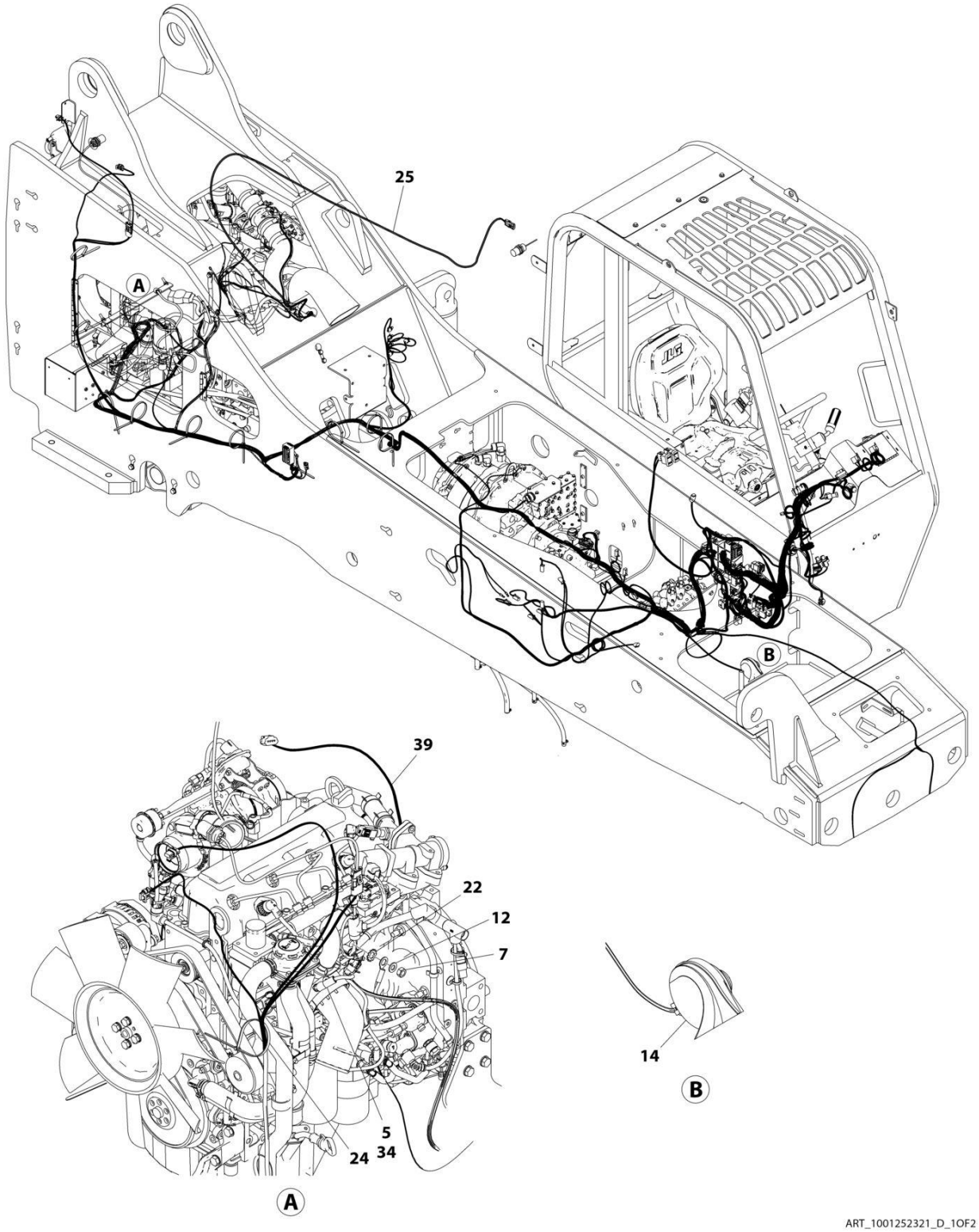

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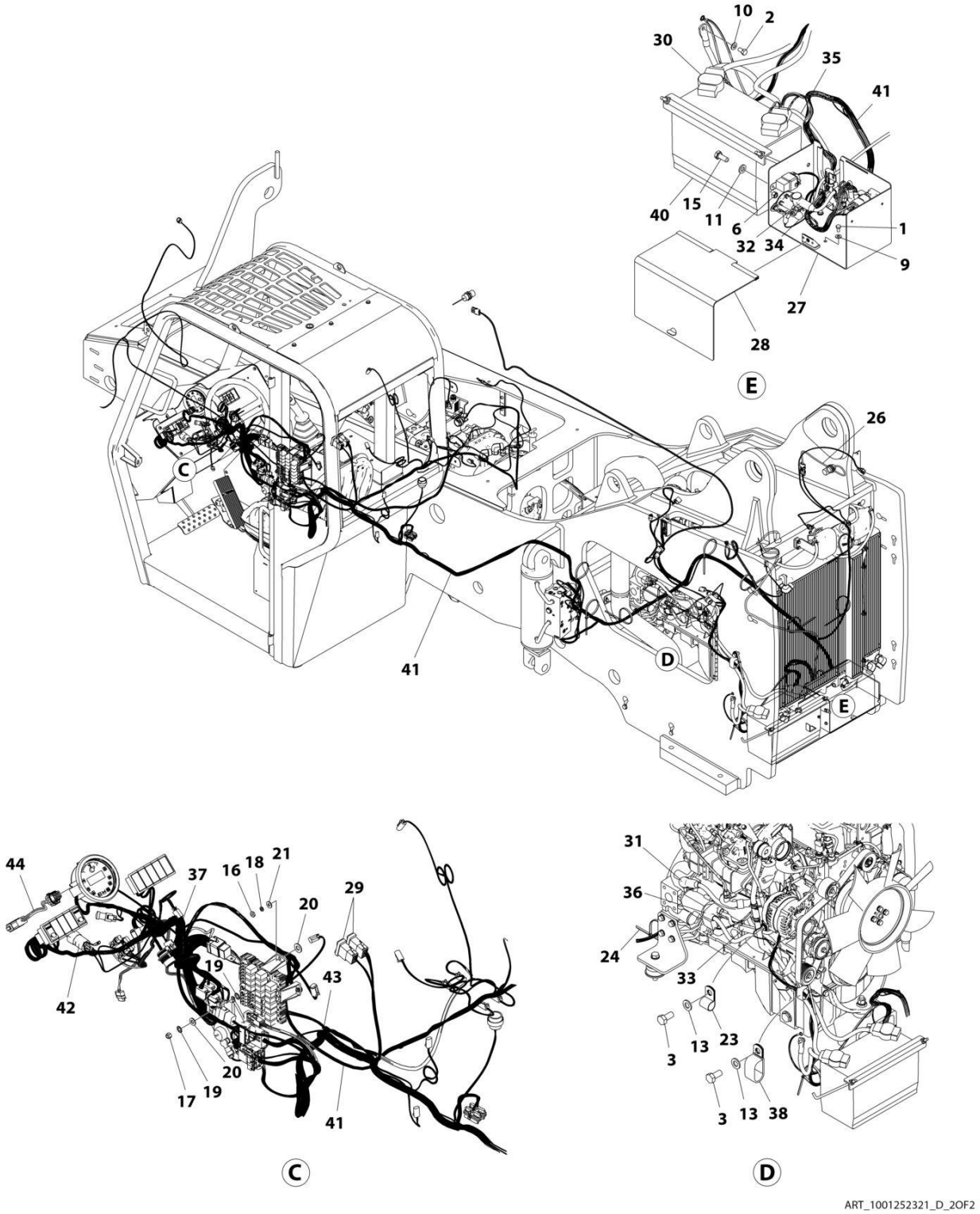
SECTION 10 - ELECTRICAL

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001252321	Ref	Electrical Installation (74HP) (ULS)	C
1	0641404	3	Bolt 1/4X1/2	
2	0641605	1	Bolt 3/8X5/8	
3	0761212	2	Bolt M12X25	
5	3290601	1	Nut M6	
6	3290605	1	Nut M6	
7	3290801	1	Nut M8	
9	4711400	3	Washer 1/4	
10	4711600	1	Washer 3/8	
11	4811702	1	Washer M6	
12	4811900	1	Washer, M8	
13	4812100	2	Washer M12	
14	8270620	1	Horn, Signal	
15	8303545	1	Bolt M6X14	
16	8305002	4	Nut #10	
17	8305624	2	Nut 1/4	
18	8307003	4	Washer M10	
19	8307027	4	Washer 5/16	
20	8307106	6	Washer 5/16	
21	8307111	4	Washer M10	
22	8310046	1	Washer M10	
23	8406105	1	Clip, Tube	
24	8584001	13	Wrap, Tie	
25	1001127226	1	Harness, Boom Extend (See Separate Breakdown in this Section)	
26	1001130307	2	Sensor, Boom	
27	1001170233	1	Installation, Relay Panel (See Separate Breakdown in this Section)	
28	1001170234	1	Assembly, Relay Panel Cover (See Separate Breakdown in this Section)	
29	1001170269	2	Switch, Outrigger	
30	1001171234	1	Cable, Battery Negative	
31	1001171236	1	Cable, Starter Ground	
32	1001171237	1	Cable, Grid Heater to Fuse Power	
33	1001171238	1	Cable, Alternator Power	
34	1001171239	1	Cable, Grid Heater Power	
35	1001171633	1	Cable, Buss Power	
36	1001171757	1	Cable, Starter Power	
37	1001284542	1	Harness, Cab Power Distribution (See Separate Breakdown in this Section)	
38	1001181899	1	Clamp	
39	1001184835	1	Harness, TBAP (See Separate Breakdown in this Section)	
40	1001186841	1	Installation, Battery (See Separate Breakdown in this Section)	
41	1001199889	1	Engine Harness (See Separate Breakdown in this Section)	
42	1001250700	1	Switch, Pressure	
43	1001251503	1	Harness, Logic (See Separate Breakdown in this Section)	

FIGURE 10-2. ELECTRICAL INSTALLATION (74HP) (LS) (SN 0160125925 to Present, SN 0160125626 through 0160125627)



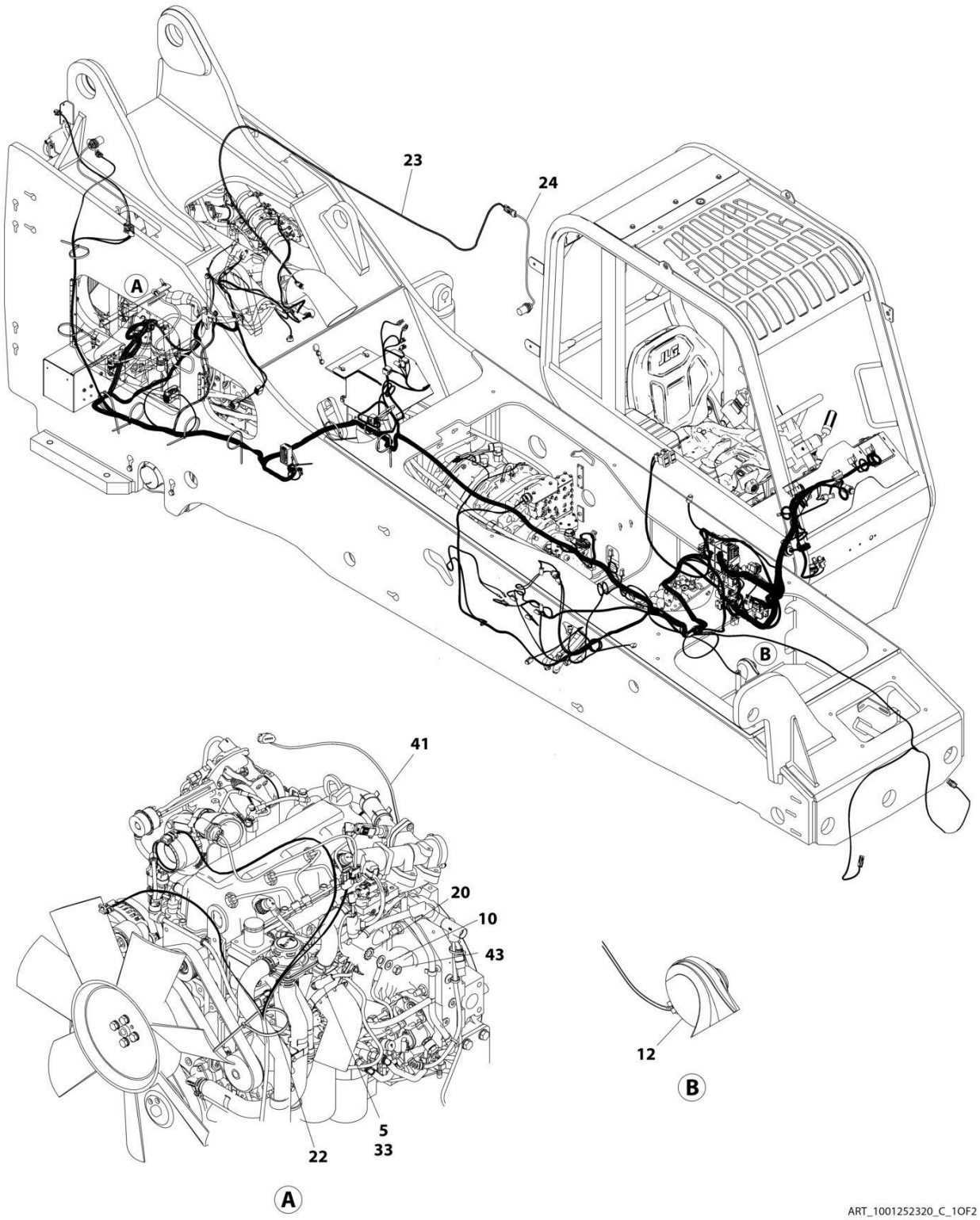


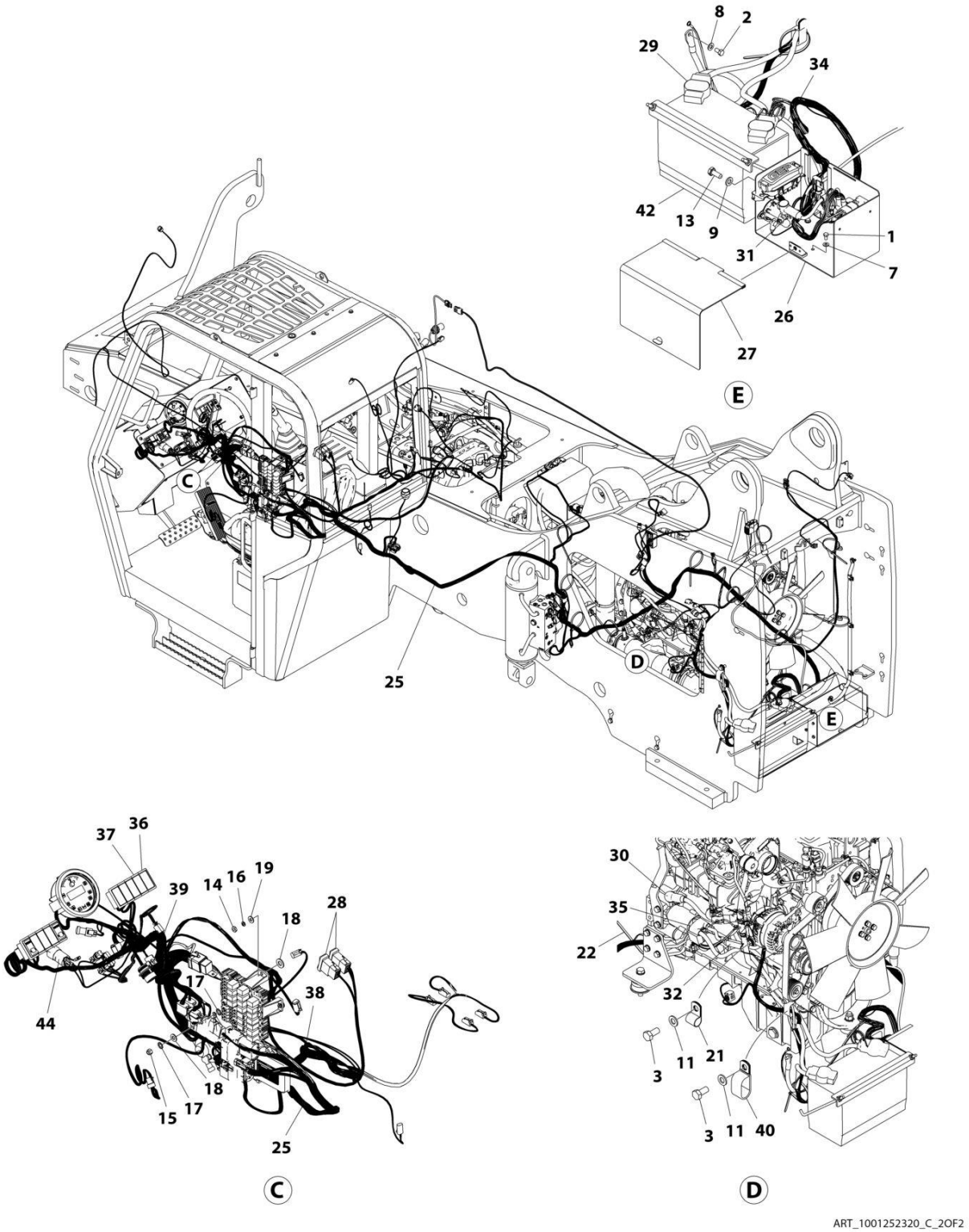
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FIGURE 10-2. ELECTRICAL INSTALLATION (74HP) (LS) (SN 0160125925 to Present, SN 0160125626 through 0160125627)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001252321	Ref	ELECTRICAL INSTALLATION (74HP) (ULS)	D
1	0641404	3	Bolt 1/4X1/2	
2	0641605	1	Bolt 3/8X5/8	
3	0761212	2	Bolt M12X25	
5	3290601	1	Nut M6	
6	3290605	1	Nut M6	
7	3290801	1	Nut M8	
9	4711400	3	Washer 1/4	
10	4711600	1	Washer 3/8	
11	4811702	1	Washer M6	
12	4811900	1	Washer, M8	
13	4812100	2	Washer M12	
14	8270620	1	Horn, Signal	
15	8303545	1	Bolt M6X14	
16	8305002	4	Nut #10	
17	8305624	2	Nut 1/4	
18	8307003	4	Washer M10	
19	8307027	4	Washer 5/16	
20	8307106	6	Washer 5/16	
21	8307111	4	Washer M10	
22	8310046	1	Washer M10	
23	8406105	1	Clip, Tube	
24	8584001	13	Wrap, Tie	
25	1001127226	1	Harness, Boom Extend (See Separate Breakdown in this Section)	
26	1001130307	2	Sensor, Boom	
27	1001170233	1	Installation, Relay Panel (See Separate Breakdown in this Section)	
28	1001170234	1	Assembly, Relay Panel Cover (See Separate Breakdown in this Section)	
29	1001170269	2	Switch, Outrigger	
30	1001171234	1	Cable, Battery Negative	
31	1001171236	1	Cable, Starter Ground	
32	1001171237	1	Cable, Grid Heater to Fuse Power	
33	1001171238	1	Cable, Alternator Power	
34	1001171239	1	Cable, Grid Heater Power	
35	1001171633	1	Cable, Buss Power	
36	1001171757	1	Cable, Starter Power	
37	1001299369	1	Harness, Cab Power Distribution (See Separate Breakdown in this Section)	
38	1001181899	1	Clamp	
39	1001184835	1	Harness, TBAP (See Separate Breakdown in this Section)	
40	1001186841	1	Installation, Battery (See Separate Breakdown in this Section)	
41	1001199889	1	Engine Harness (See Separate Breakdown in this Section)	
42	1001250700	1	Switch, Pressure	
43	1001251503	1	Harness, Logic (See Separate Breakdown in this Section)	
44	1001301880	1	Gauge Cluster Jumper Harness (See Separate Breakdown in this Section)	

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



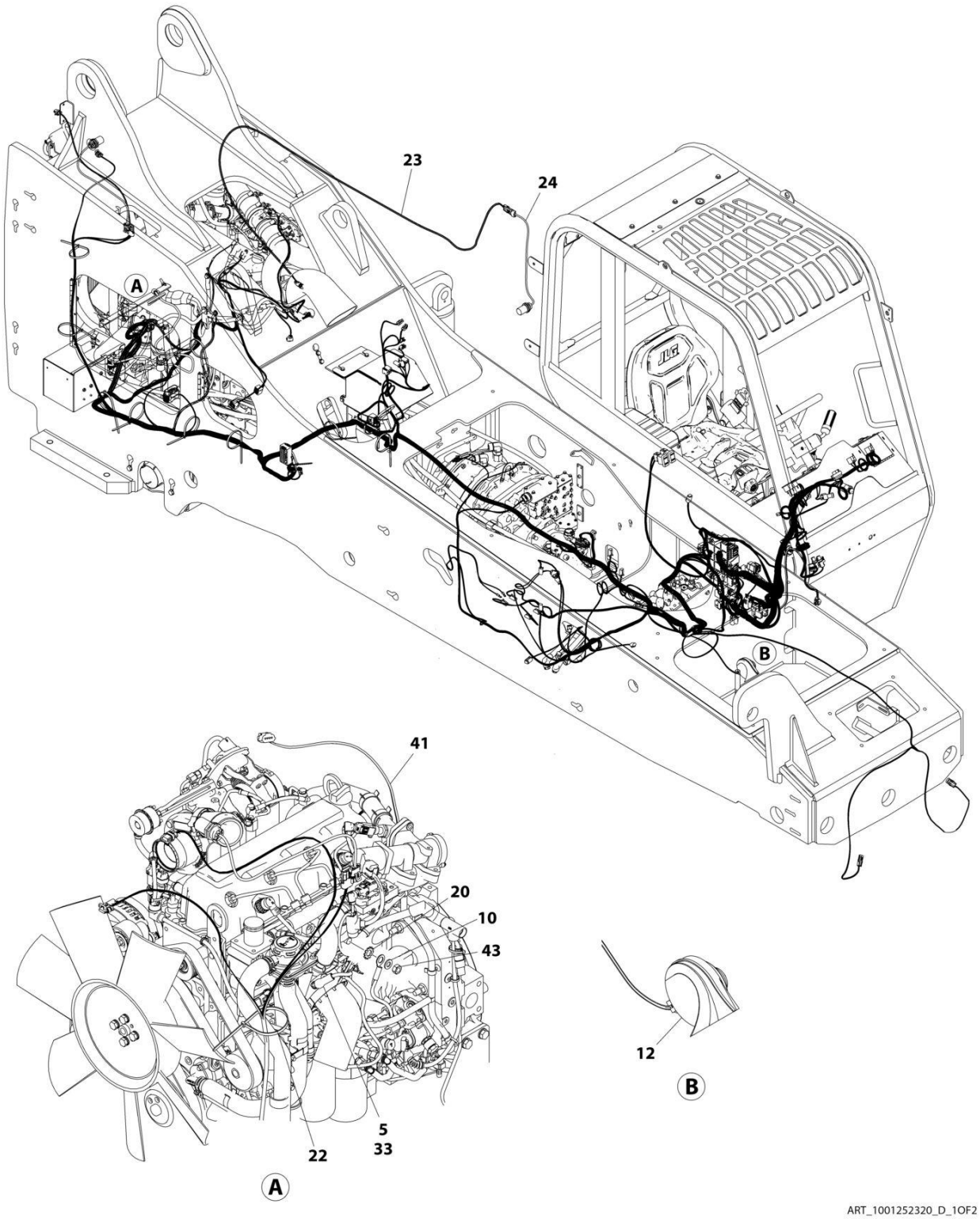


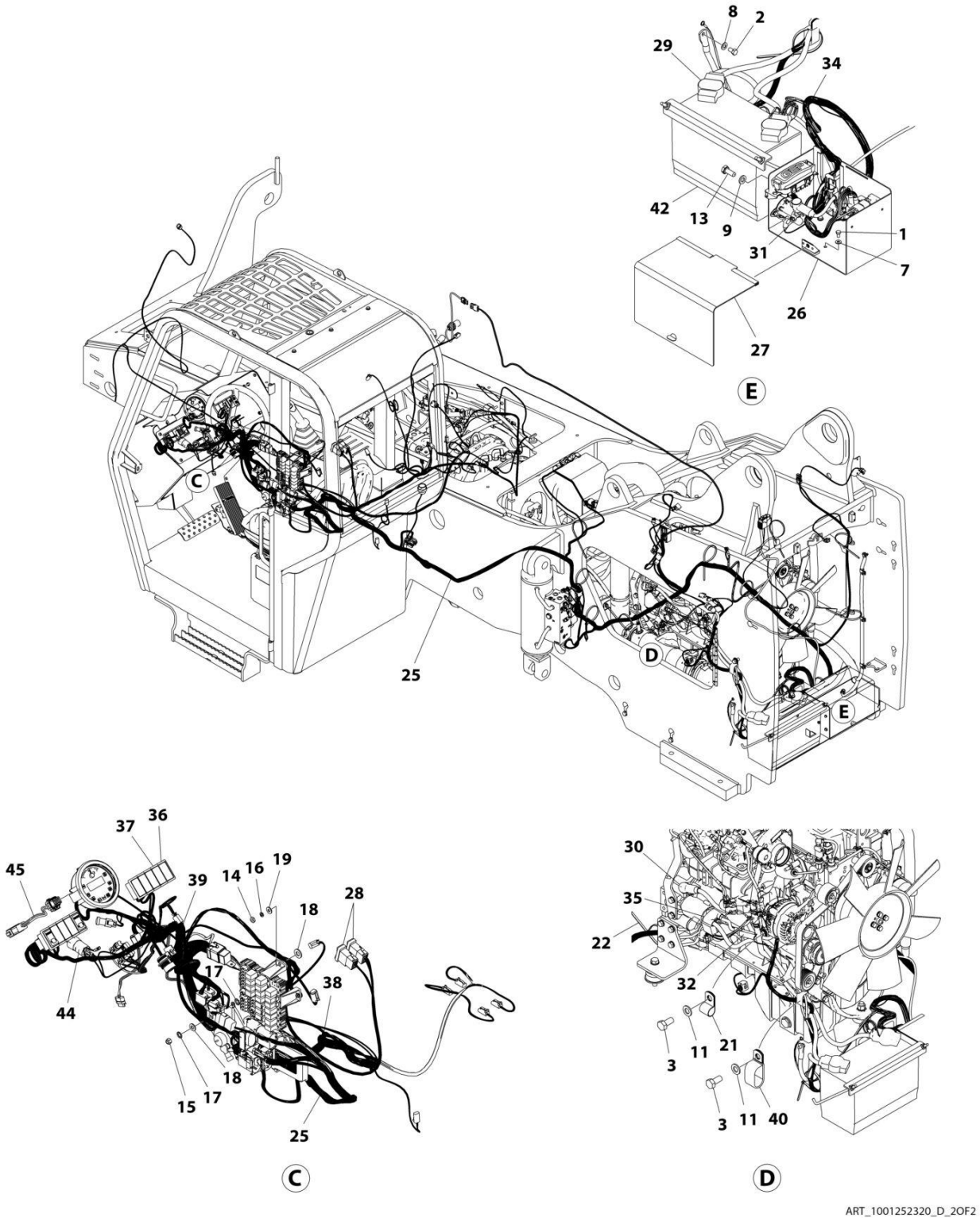
ART_1001252320_C_2OF2

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001252320	Ref	Electrical Installation (ULS)	C
1	0641404	3	Bolt 1/4X1/2	
2	0641605	1	Bolt 3/8X5/8	
3	0761212	2	Bolt M12X25	
5	3290601	1	Nut M6X1	
7	4711400	3	Washer 1/4	
8	4711600	1	Washer 3/8	
9	4811700	2	Washer M6	
10	4811900	1	Washer, M8	
11	4812100	2	Washer, M12	
12	8270620	1	Horn, Signal	
13	8303545	2	Bolt M6X14	
14	8305002	4	Nut #10	
15	8305624	2	Nut 1/4	
16	8307003	4	Washer M10	
17	8307027	4	Washer 5/16	
18	8307106	6	Washer 5/16	
19	8307111	4	Washer M10	
20	8310046	1	Washer M10	
21	8406105	1	Clip, Tube	
22	8584001	14	Wrap, Tie	
23	1001127226	1	Boom Extend Harness (See Separate Breakdown in this Section)	
24	1001130307	2	Sensor, Boom	
25	1001169620	1	Harness, Engine (See Separate Breakdown in this Section)	
26	1001170233	1	Installation, Relay Panel (See Separate Breakdown in this Section)	
27	1001170234	1	Assembly, Relay Panel Cover (See Separate Breakdown in this Section)	
28	1001170269	2	Switch, Outrigger	
29	1001171234	1	Cable, Battery Negative	
30	1001171236	1	Cable, Starter Ground	
31	1001171237	1	Cable, Grid Heater to Fuse Power	
32	1001171238	1	Cable, Alternator Power	
33	1001171239	1	Cable, Grid Heater Power	
34	1001171633	1	Cable, Buss Power	
35	1001171757	1	Cable, Starter Power	
36	1001172135	1	Indicator, Engine	
37	1001172136	1	Indicator, Hest	
38	1001251503	1	Logic Harness (See Separate Breakdown in this Section)	
39	1001284542	1	Harness, Cab Power Distribution (See Separate Breakdown in this Section)	
40	1001181899	1	Clamp	
41	1001184835	1	Harness, TBAP (See Separate Breakdown in this Section)	
42	1001186841	1	Installation, Battery (See Separate Breakdown in this Section)	
43	3290801	1	Nut M8	
44	1001250700	1	Switch, Pressure	

FIGURE 10-4. ELECTRICAL INSTALLATION (110HP) (ULS)



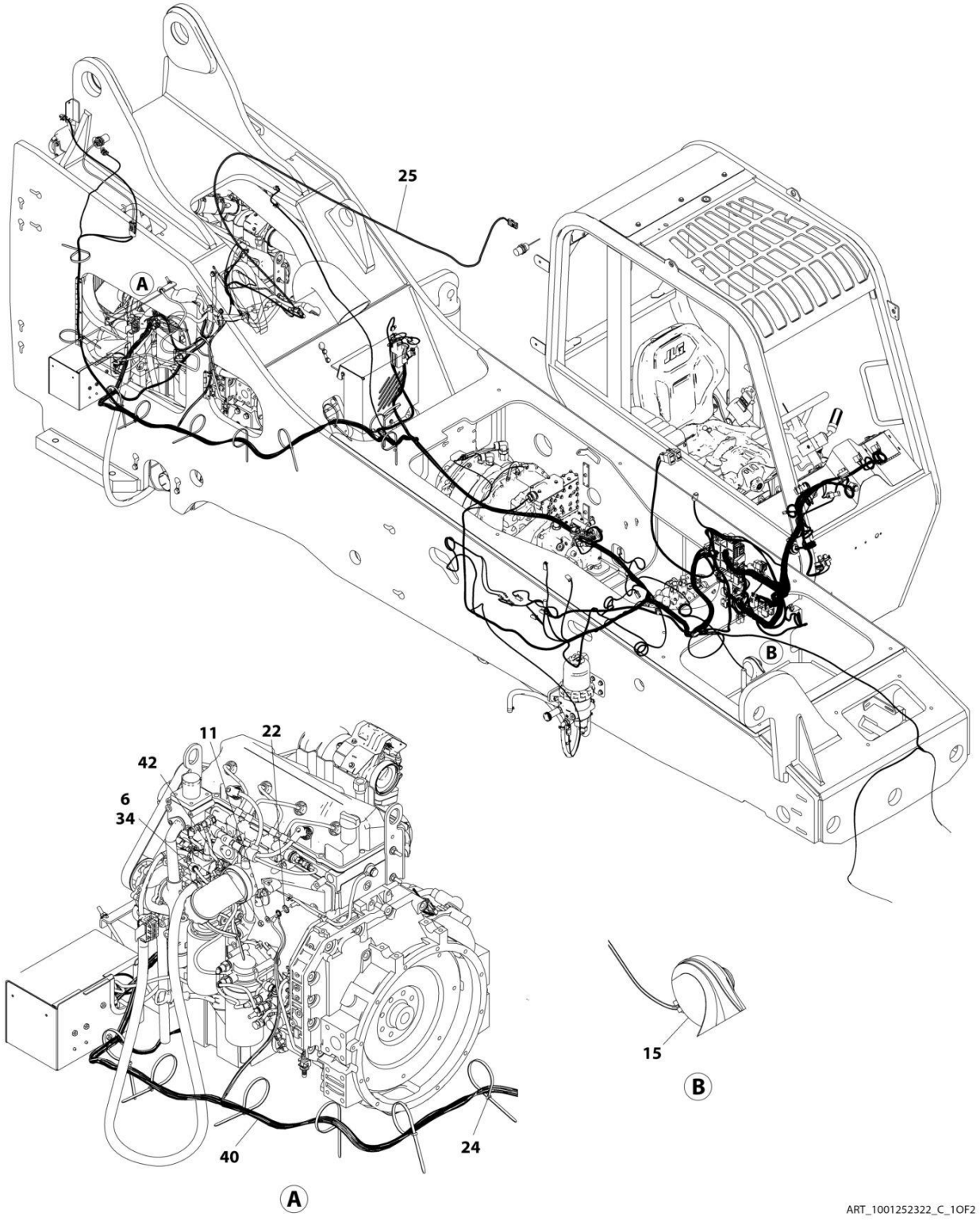


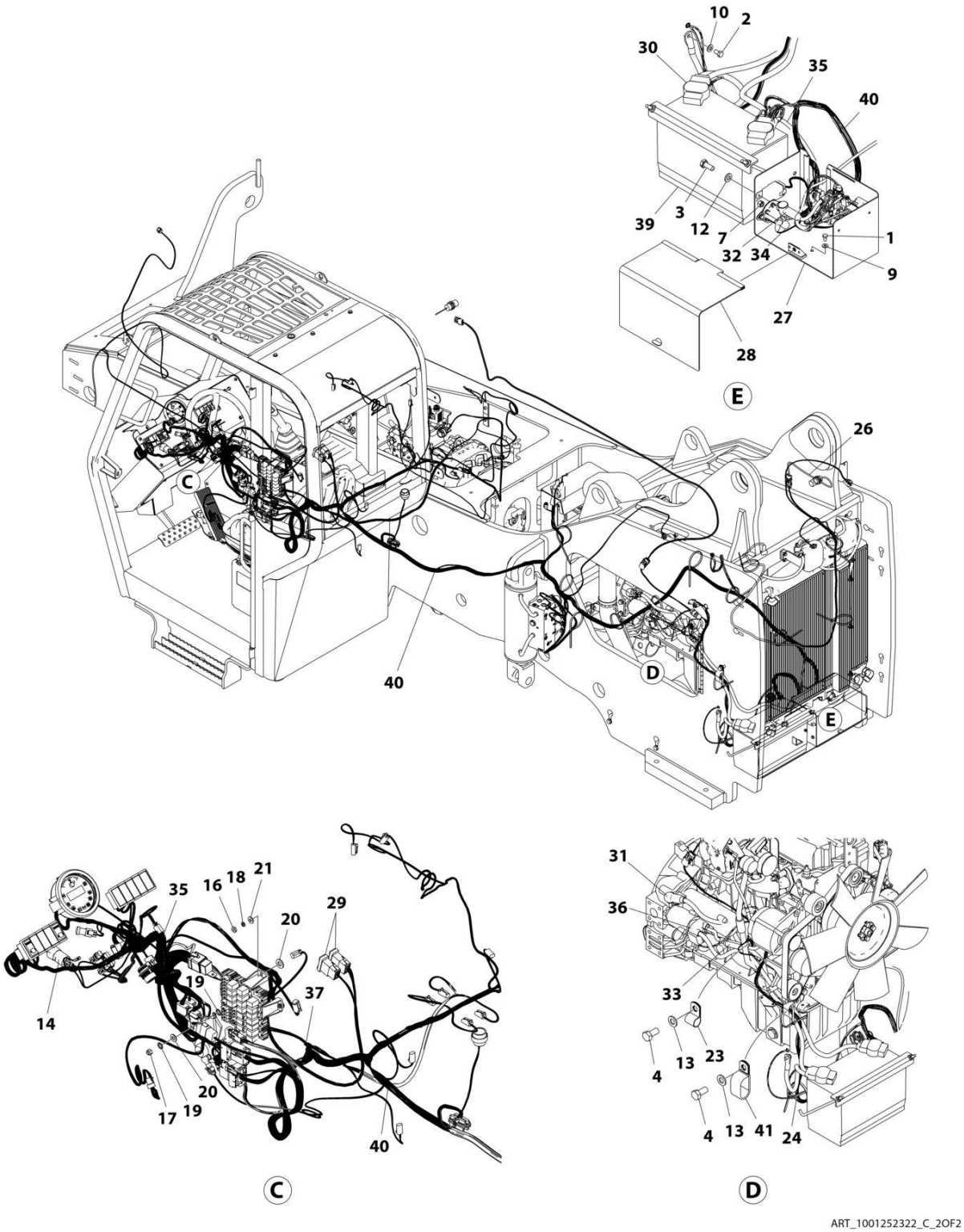
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FIGURE 10-4. ELECTRICAL INSTALLATION (110HP) (ULS) (SN 0160125925 to Present, SN 0160125626 through 0160125627)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001252320	Ref	ELECTRICAL INSTALLATION (ULS)	D
1	0641404	3	Bolt 1/4X1/2	
2	0641605	1	Bolt 3/8X5/8	
3	0761212	2	Bolt M12X25	
5	3290601	1	Nut M6X1	
7	4711400	3	Washer 1/4	
8	4711600	1	Washer 3/8	
9	4811700	2	Washer M6	
10	4811900	1	Washer, M8	
11	4812100	2	Washer, M12	
12	8270620	1	Horn, Signal	
13	8303545	2	Bolt M6X14	
14	8305002	4	Nut #10	
15	8305624	2	Nut 1/4	
16	8307003	4	Washer M10	
17	8307027	4	Washer 5/16	
18	8307106	6	Washer 5/16	
19	8307111	4	Washer M10	
20	8310046	1	Washer M10	
21	8406105	1	Clip, Tube	
22	8584001	14	Wrap, Tie	
23	1001127226	1	Boom Extend Harness (See Separate Breakdown in this Section)	
24	1001130307	2	Sensor, Boom	
25	1001169620	1	Harness, Engine (See Separate Breakdown in this Section)	
26	1001170233	1	Installation, Relay Panel (See Separate Breakdown in this Section)	
27	1001170234	1	Assembly, Relay Panel Cover (See Separate Breakdown in this Section)	
28	1001170269	2	Switch, Outrigger	
29	1001171234	1	Cable, Battery Negative	
30	1001171236	1	Cable, Starter Ground	
31	1001171237	1	Cable, Grid Heater to Fuse Power	
32	1001171238	1	Cable, Alternator Power	
33	1001171239	1	Cable, Grid Heater Power	
34	1001171633	1	Cable, Buss Power	
35	1001171757	1	Cable, Starter Power	
36	1001172135	1	Indicator, Engine	
37	1001172136	1	Indicator, Hest	
38	1001251503	1	Logic Harness (See Separate Breakdown in this Section)	
39	1001299369	1	Harness, Cab Power Distribution (See Separate Breakdown in this Section)	
40	1001181899	1	Clamp	
41	1001184835	1	Harness, TBAP (See Separate Breakdown in this Section)	
42	1001186841	1	Installation, Battery (See Separate Breakdown in this Section)	
43	3290801	1	Nut M8	
44	1001250700	1	Switch, Pressure	
45	1001301880	1	Gauge Cluster Jumper Harness (See Separate Breakdown in this Section)	

FIGURE 10-5. ELECTRICAL INSTALLATION (110HP) (LS)



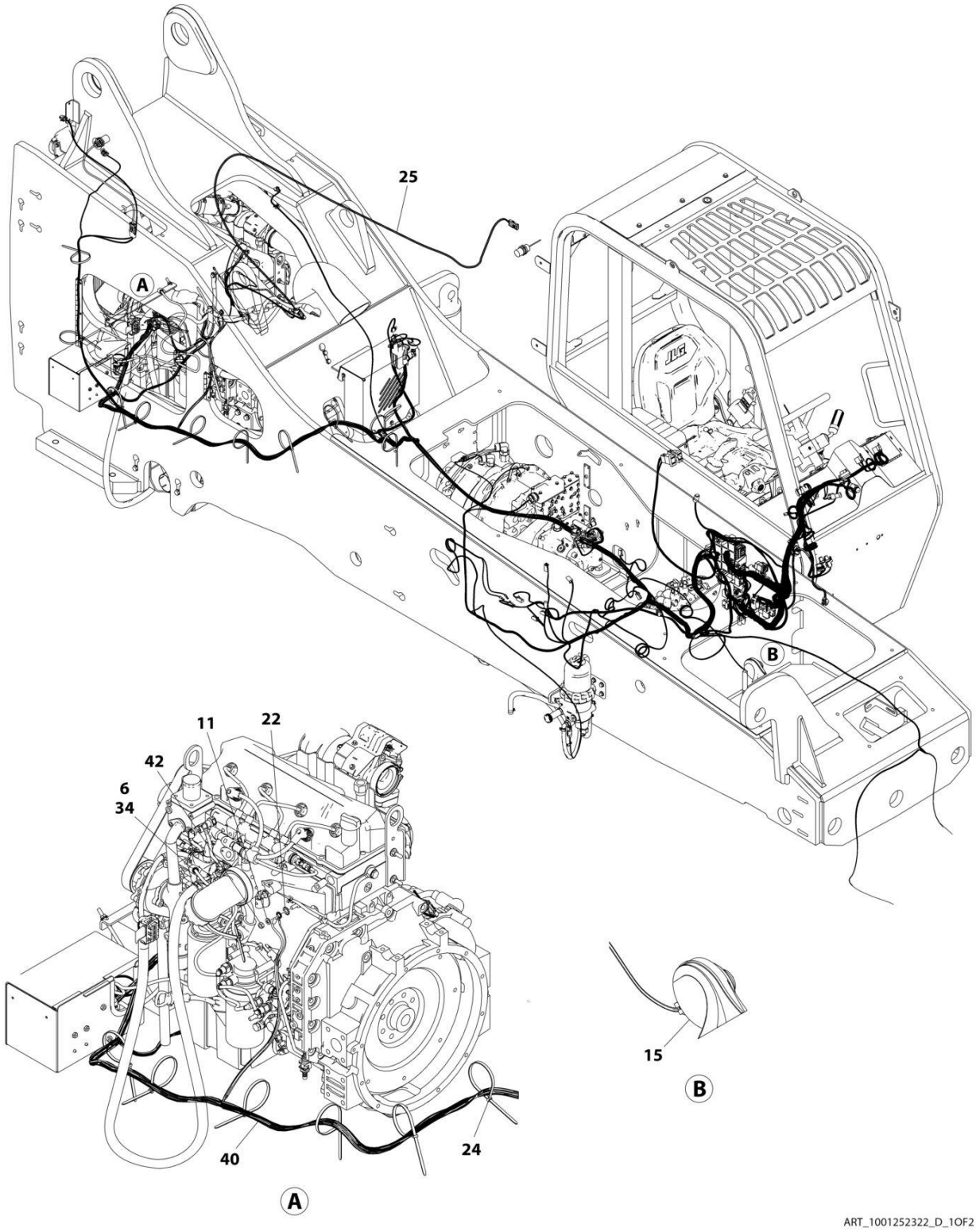


ART_1001252322_C_2OF2

FIGURE 10-5. ELECTRICAL INSTALLATION (110HP) (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001252322	Ref	Electrical Installation (LS)	C
1	0641404	3	Bolt 1/4X1/2	
2	0641605	1	Bolt 3/8X5/8	
3	8303545	1	Bolt M6X14	
4	0761212	2	Bolt, M12X25	
6	3290601	1	Nut M6	
7	3290605	1	Nut M6	
9	4711400	3	Washer 1/4	
10	4711600	1	Washer 3/8	
11	4811900	1	Washer M8	
12	4811702	1	Washer, M6	
13	4812100	2	Washer M12	
14	1001250700	1	Switch, Pressure	
15	8270620	1	Horn, Signal	
16	8305002	4	Nut #10	
17	8305624	2	Nut 1/4	
18	8307003	4	Washer M10	
19	8307027	4	Washer 5/16	
20	8307106	6	Washer 5/16	
21	8307111	4	Washer M10	
22	8310046	1	Washer M10	
23	8406105	1	Clip, Tube	
24	8584001	14	Wrap, Tie	
25	1001127226	1	Harness, Boom Extend (See Separate Breakdown in this Section)	
26	1001130307	2	Sensor, Boom	
27	1001170233	1	Installation, Relay Panel (See Separate Breakdown in this Section)	
28	1001170234	1	Assembly, Relay Panel Cover (See Separate Breakdown in this Section)	
29	1001170269	2	Switch, Outrigger	
30	1001171234	1	Cable, Battery Negative	
31	1001171236	1	Cable, Starter Ground	
32	1001171237	1	Cable, Grid Heater to Fuse Power	
33	1001171238	1	Cable, Alternator Power	
34	1001171239	1	Cable, Grid Heater Power	
35	1001171633	1	Cable, Buss Power	
36	1001171757	1	Cable, Starter Power	
37	1001251503	1	Harness, Logic (See Separate Breakdown in this Section)	
38	1001284542	1	Harness, Cab Power Distribution (See Separate Breakdown in this Section)	
39	1001186841	1	Installation, Battery (See Separate Breakdown in this Section)	
40	1001189488	1	Engine Harness (See Separate Breakdown in this Section)	
41	1001181899	1	Clamp	
42	3290801	1	Nut M8	

FIGURE 10-6. ELECTRICAL INSTALLATION (110HP) (LS) (SN 0160125925 to Present, SN 0160125626 through 0160125627)



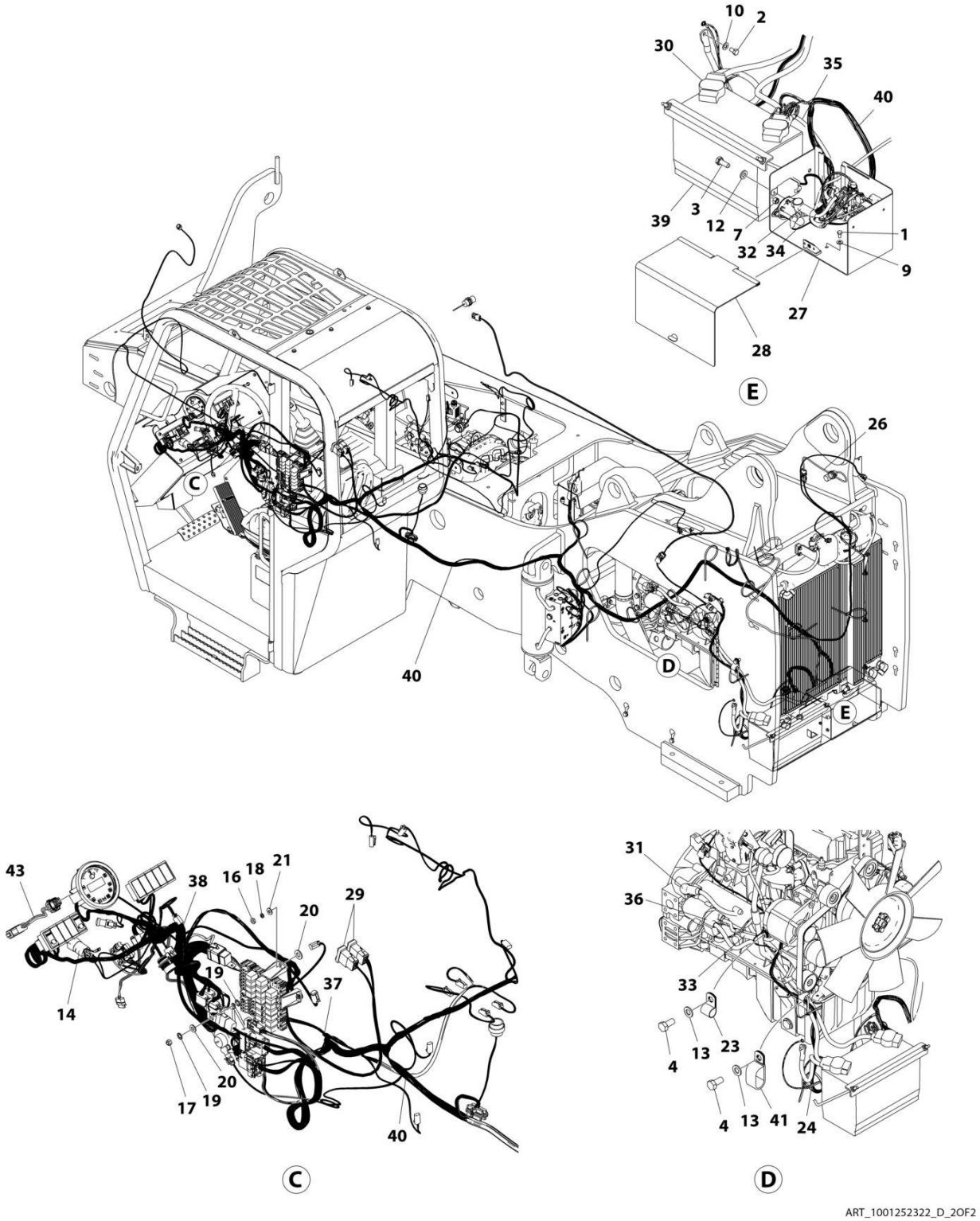

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ART_1001252322_D_2OF2

FIGURE 10-6. ELECTRICAL INSTALLATION (110HP) (LS) (SN 0160125925 to Present, SN 0160125626 through 0160125627)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001252322	Ref	ELECTRICAL INSTALLATION (LS)	D
1	0641404	3	Bolt 1/4X1/2	
2	0641605	1	Bolt 3/8X5/8	
3	8303545	1	Bolt M6X14	
4	0761212	2	Bolt, M12X25	
6	3290601	1	Nut M6	
7	3290605	1	Nut M6	
9	4711400	3	Washer 1/4	
10	4711600	1	Washer 3/8	
11	4811900	1	Washer M8	
12	4811702	1	Washer, M6	
13	4812100	2	Washer M12	
14	1001250700	1	Switch, Pressure	
15	8270620	1	Horn, Signal	
16	8305002	4	Nut #10	
17	8305624	2	Nut 1/4	
18	8307003	4	Washer M10	
19	8307027	4	Washer 5/16	
20	8307106	6	Washer 5/16	
21	8307111	4	Washer M10	
22	8310046	1	Washer M10	
23	8406105	1	Clip, Tube	
24	8584001	14	Wrap, Tie	
25	1001127226	1	Harness, Boom Extend (See Separate Breakdown in this Section)	
26	1001130307	2	Sensor, Boom	
27	1001170233	1	Installation, Relay Panel (See Separate Breakdown in this Section)	
28	1001170234	1	Assembly, Relay Panel Cover (See Separate Breakdown in this Section)	
29	1001170269	2	Switch, Outrigger	
30	1001171234	1	Cable, Battery Negative	
31	1001171236	1	Cable, Starter Ground	
32	1001171237	1	Cable, Grid Heater to Fuse Power	
33	1001171238	1	Cable, Alternator Power	
34	1001171239	1	Cable, Grid Heater Power	
35	1001171633	1	Cable, Buss Power	
36	1001171757	1	Cable, Starter Power	
37	1001251503	1	Harness, Logic (See Separate Breakdown in this Section)	
38	1001299369	1	Harness, Cab Power Distribution (See Separate Breakdown in this Section)	
39	1001186841	1	Installation, Battery (See Separate Breakdown in this Section)	
40	1001189488	1	Engine Harness (See Separate Breakdown in this Section)	
41	1001181899	1	Clamp	
42	3290801	1	Nut M8	
43	1001301880	1	Gauge Cluster Jumper Harness (See Separate Breakdown in this Section)	

FIGURE 10-7. AIR SHUT-OFF VALVE HARNESS - CAB

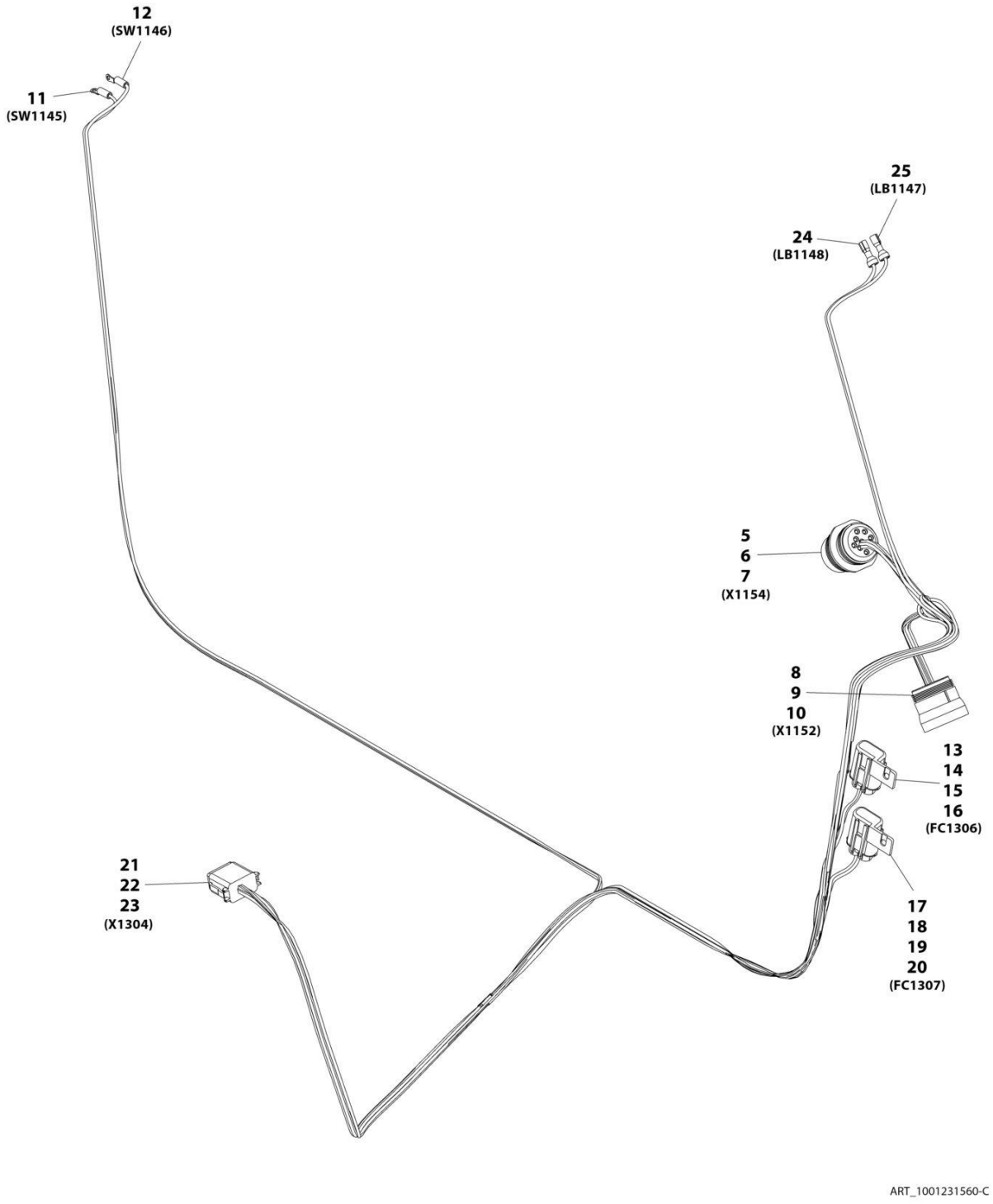


FIGURE 10-7. AIR SHUT-OFF VALVE HARNESS - CAB

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 10-8. AIR SHUT-OFF VALVE HARNESS - ENGINE

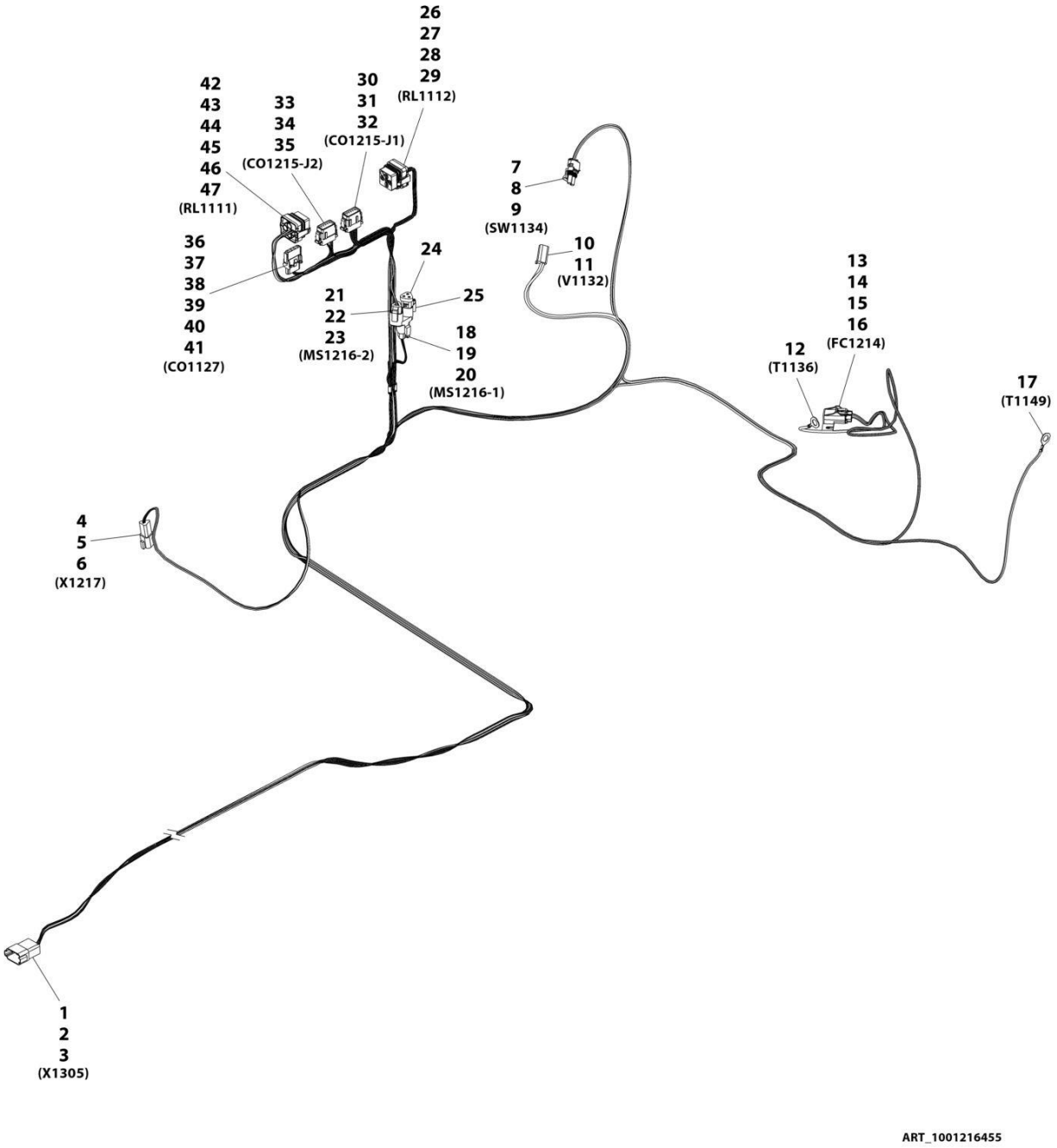


FIGURE 10-8. AIR SHUT-OFF VALVE HARNESS - ENGINE

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 10-9. BACKUP ALARM INSTALLATION

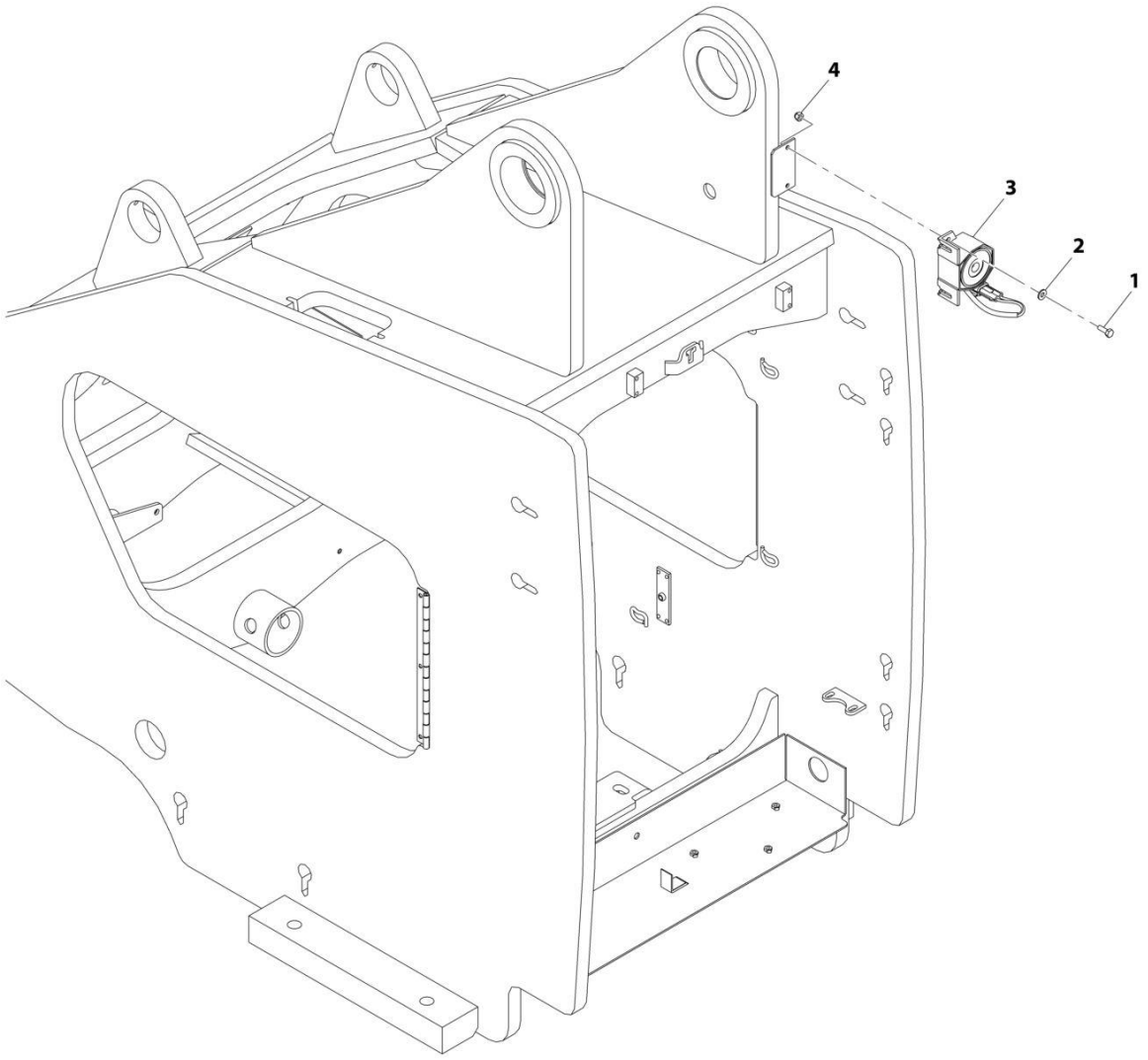
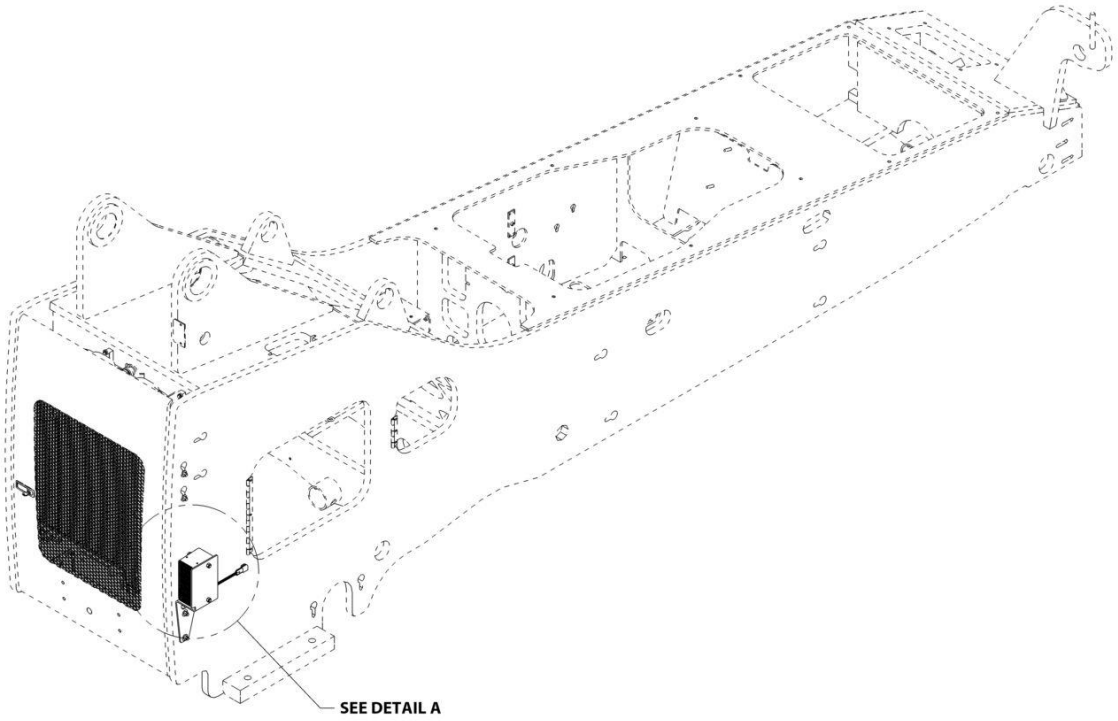
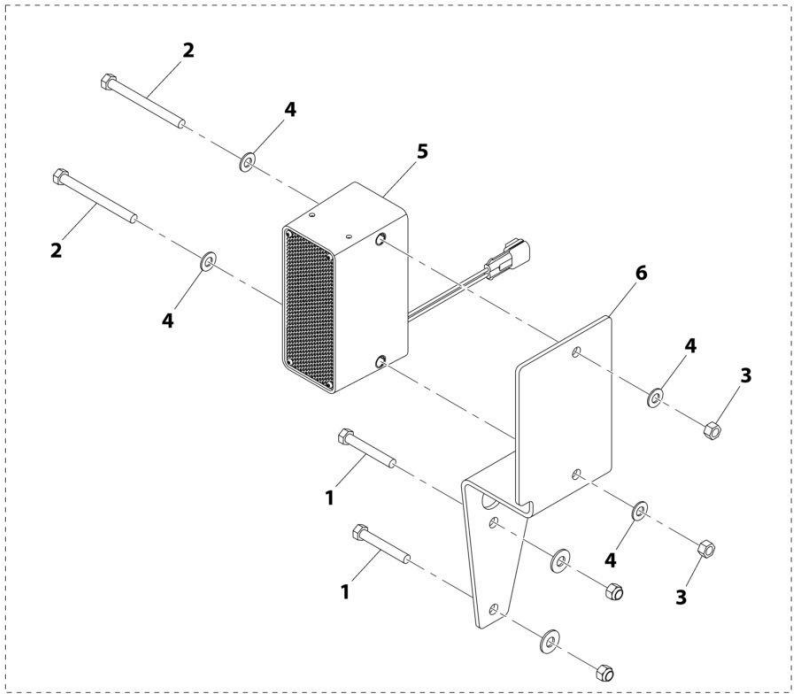


FIGURE 10-9. BACKUP ALARM INSTALLATION

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 10-10. BACKUP ALARM INSTALLATION (WHITE NOISE)





DETAIL A

ART_1001206543-A

FIGURE 10-10. 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 10-11. REVERSE CAMERA

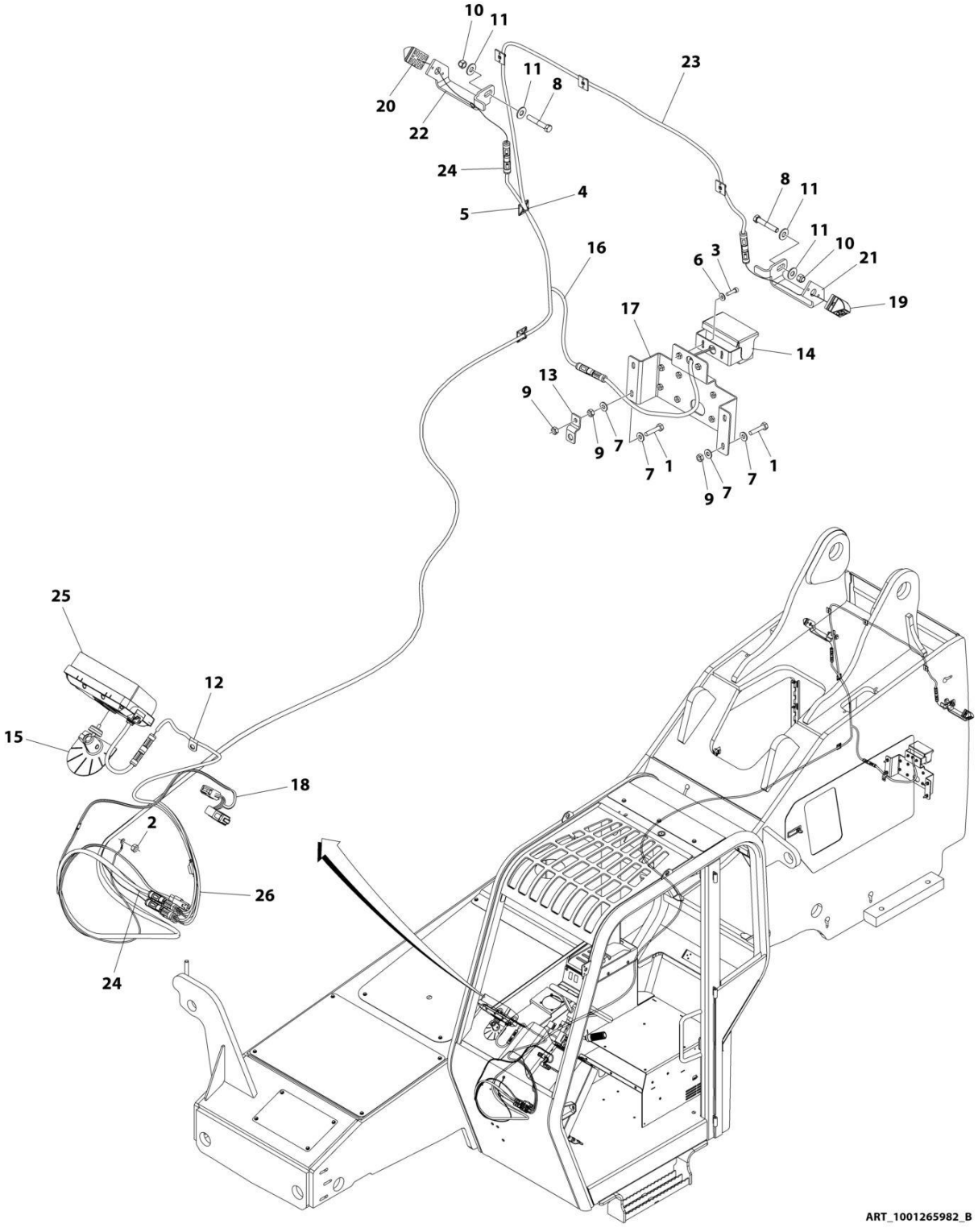


FIGURE 10-11. REVERSE CAMERA

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 10-12. BACKUP CAMERA HARNESS

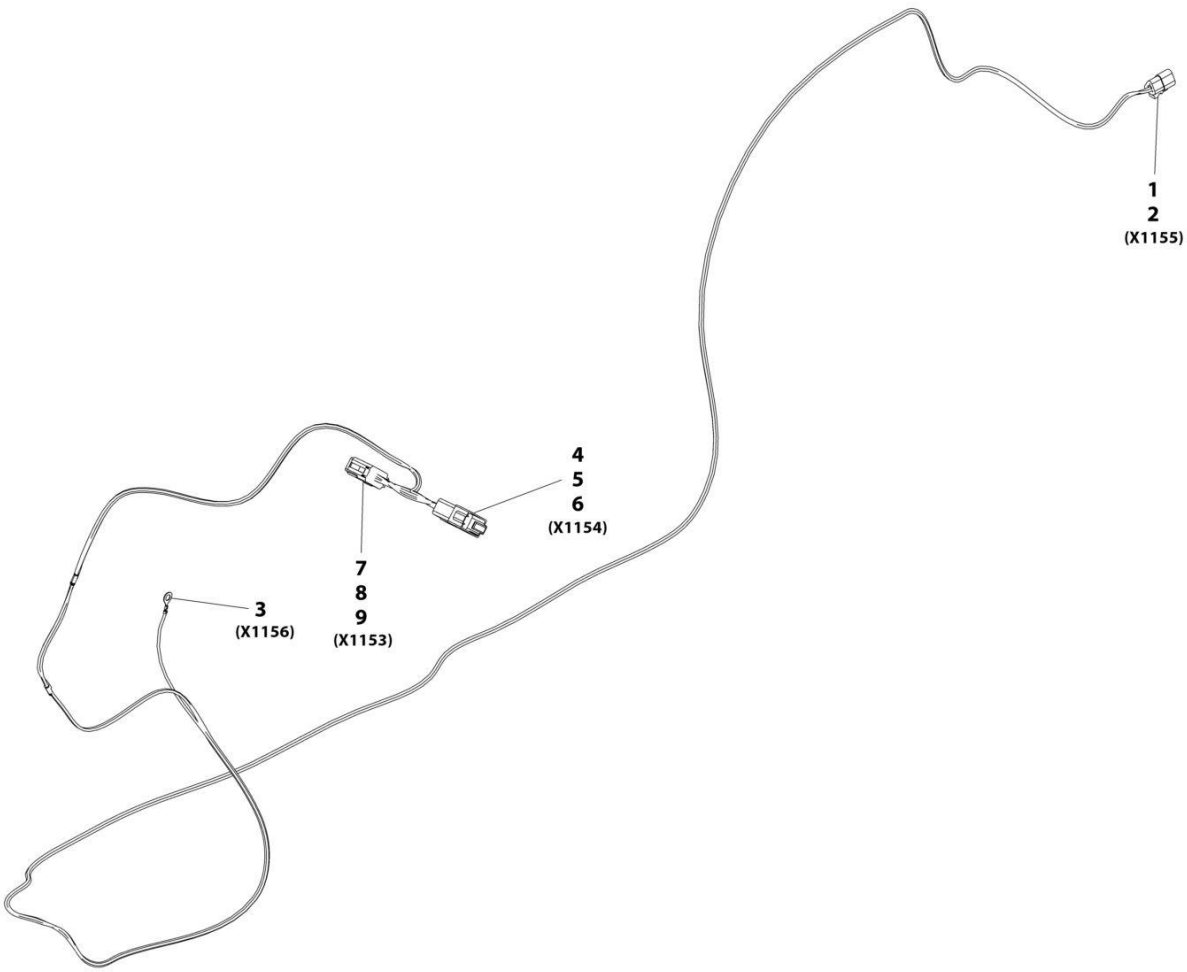


FIGURE 10-12. BACKUP CAMERA HARNESS

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 10-13. BATTERY INSTALLATION (Prior to SN 0160123722)

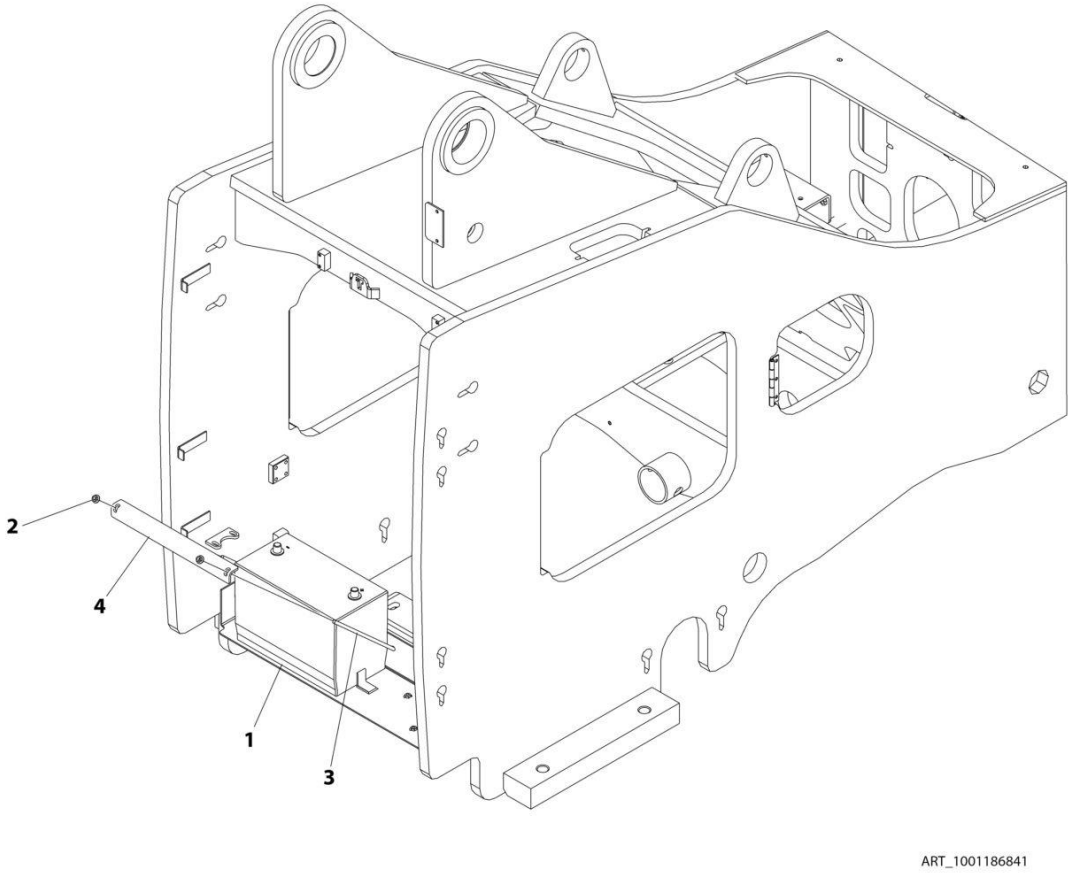


FIGURE 10-13. BATTERY INSTALLATION (Prior to SN 0160123722)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186841	Ref	Battery Installation	B
1	0400075	1	Battery, 12V	
2	77143006	2	Nut 5/16	
3	91081640	2	Bolt, Battery Hold Down	
4	1001258991	1	Plate, Battery Hold Down	

FIGURE 10-14. BATTERY INSTALLATION (SN 0160123722 to Present, Except SN 0160123740 through 0160123746, Except SN 0160123754 through 0160123755, Except SN 0160123765 through 0160123766)

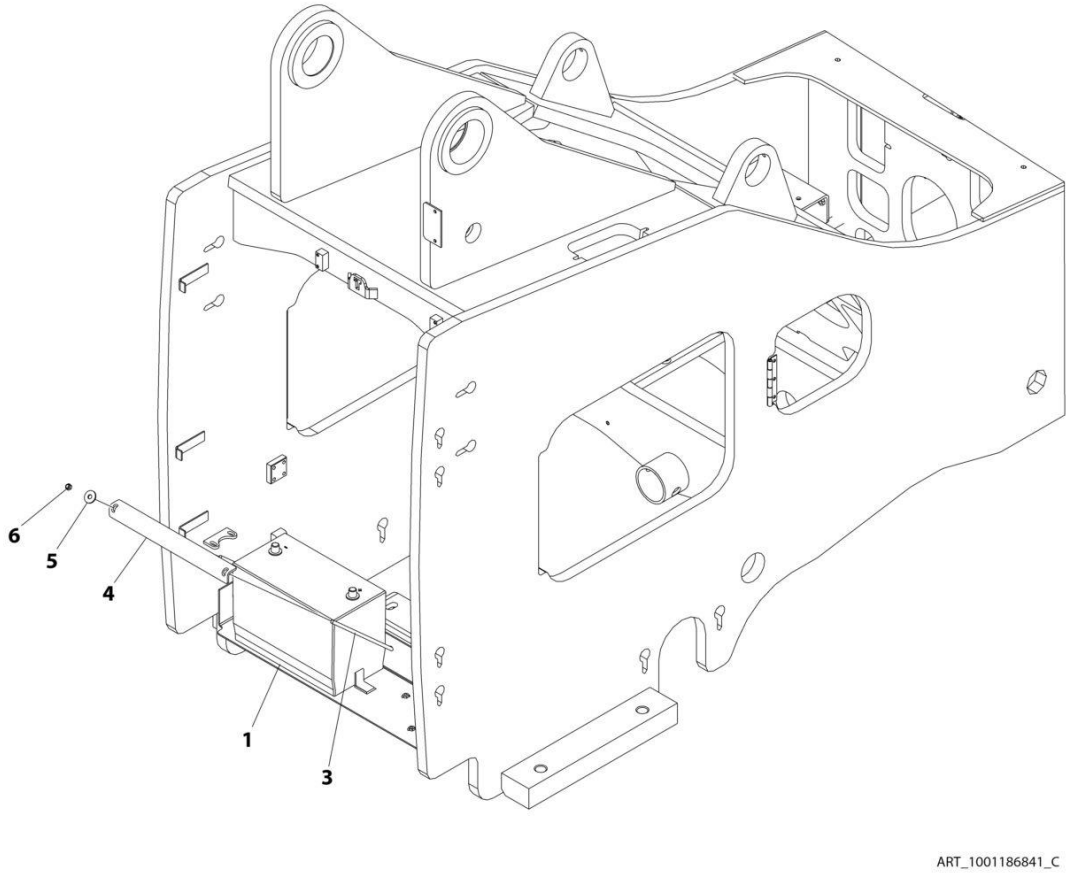


FIGURE 10-14. BATTERY INSTALLATION (SN 0160123722 to Present, Except SN 0160123740 through 0160123746, Except SN 0160123754 through 0160123755, Except SN 0160123765 through 0160123766)

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 10-15. BATTERY BLANKET INSTALLATION

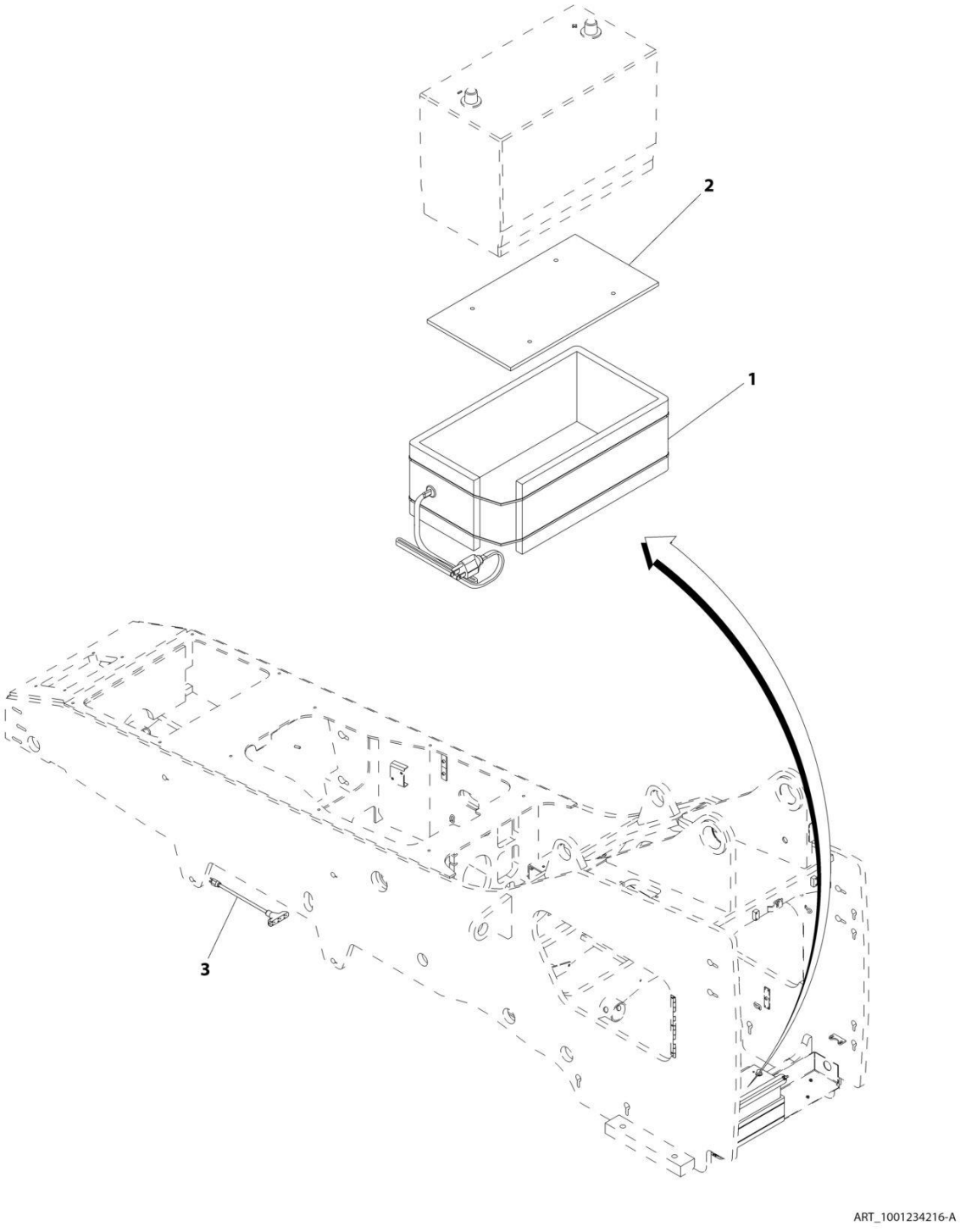
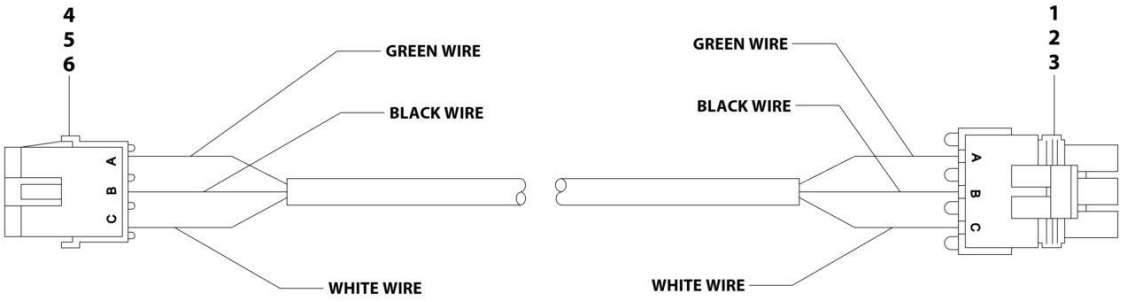


FIGURE 10-15. BATTERY BLANKET INSTALLATION

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 10-16. BOOM EXTEND HARNESS (10054)



ART_1001127226-C

FIGURE 10-16. BOOM EXTEND HARNESS (10054)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001127226	Ref	Boom Extend Harness	C
1	4460459	1	Connector	
2	4460457	3	Terminal	
3	4460458	3	Seal	
4	4460476	1	Connector	
5	4460475	3	Terminal	
6	4460458	3	Seal	

FIGURE 10-17. BREATHER HEATER INSTALLATION

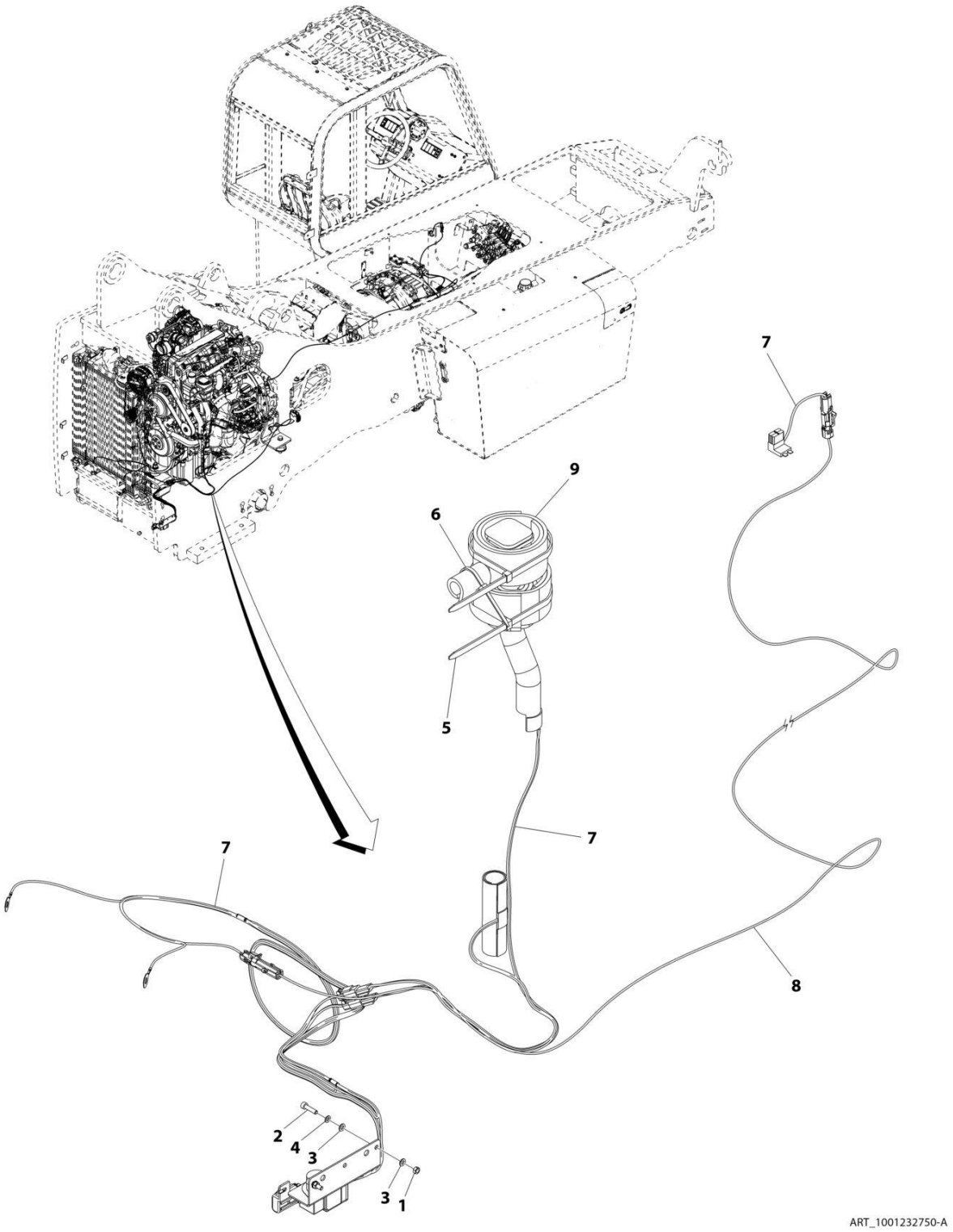
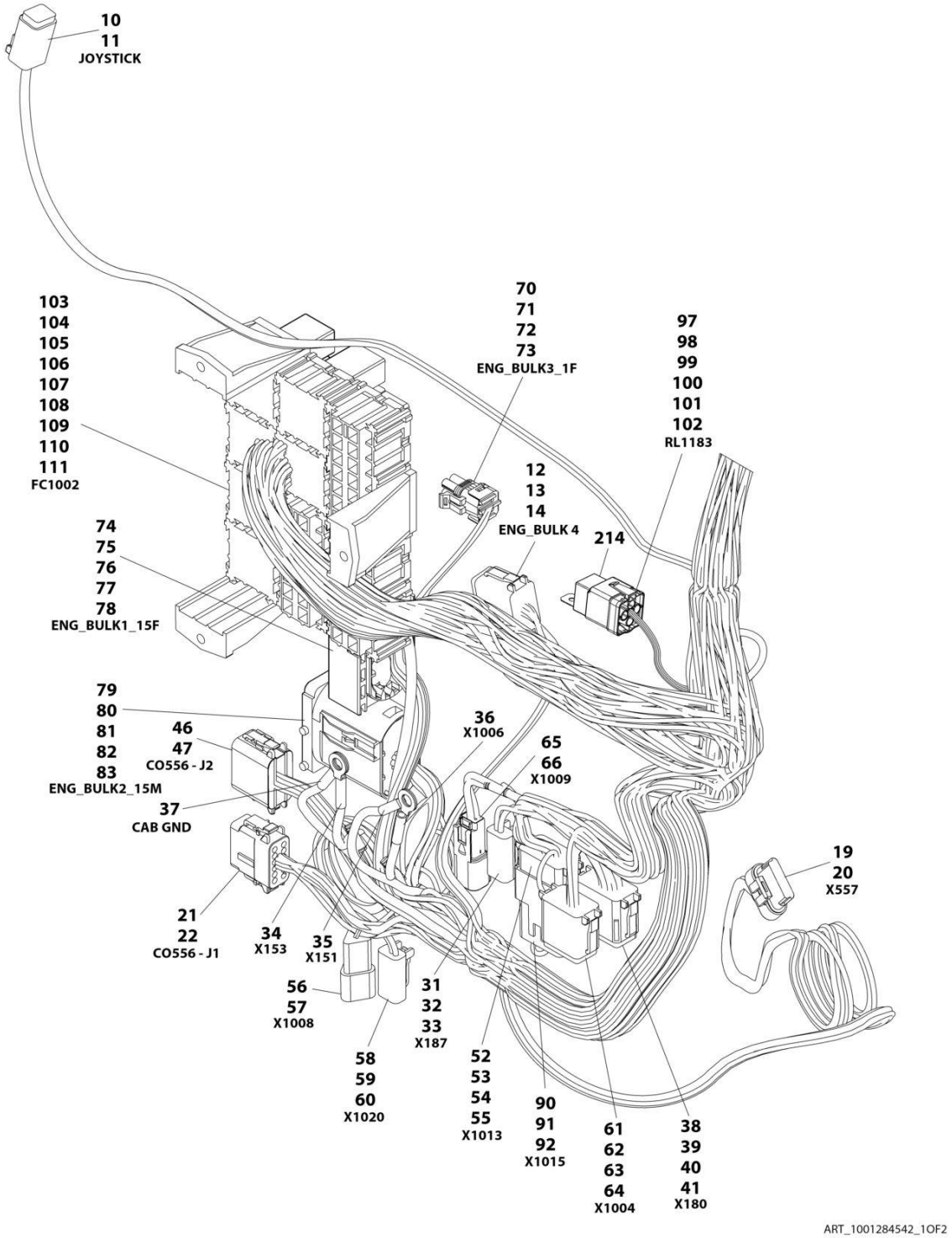


FIGURE 10-17. BREATHER HEATER INSTALLATION

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 10-18. CAB POWER DISTRIBUTION HARNESS



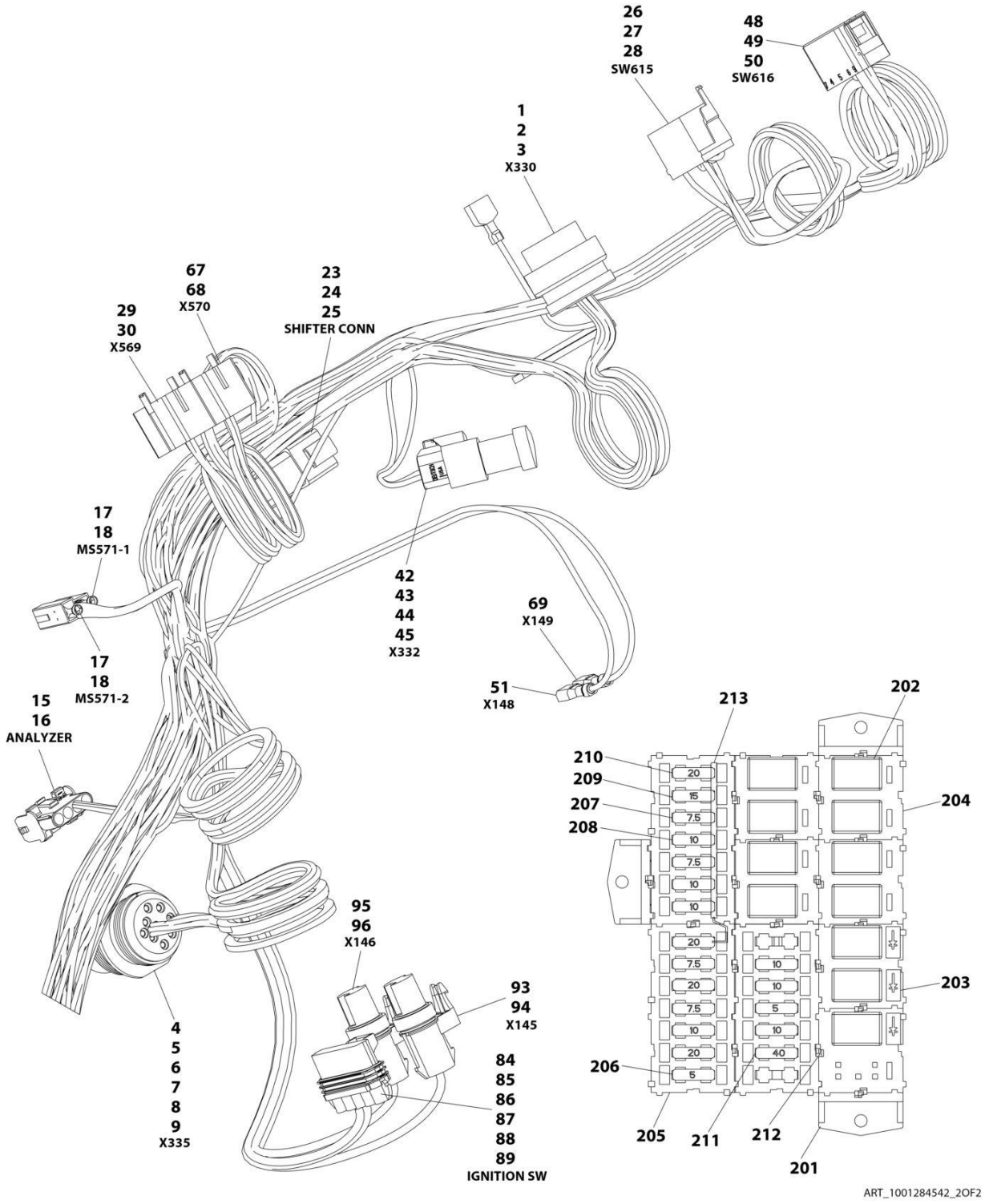

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MS571-2
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X148
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FIGURE 10-18. CAB POWER DISTRIBUTION HARNESS

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 10-19. CAB POWER DISTRIBUTION HARNESS (SN 0160125925 to Present, SN 0160125626 through 0160125627)

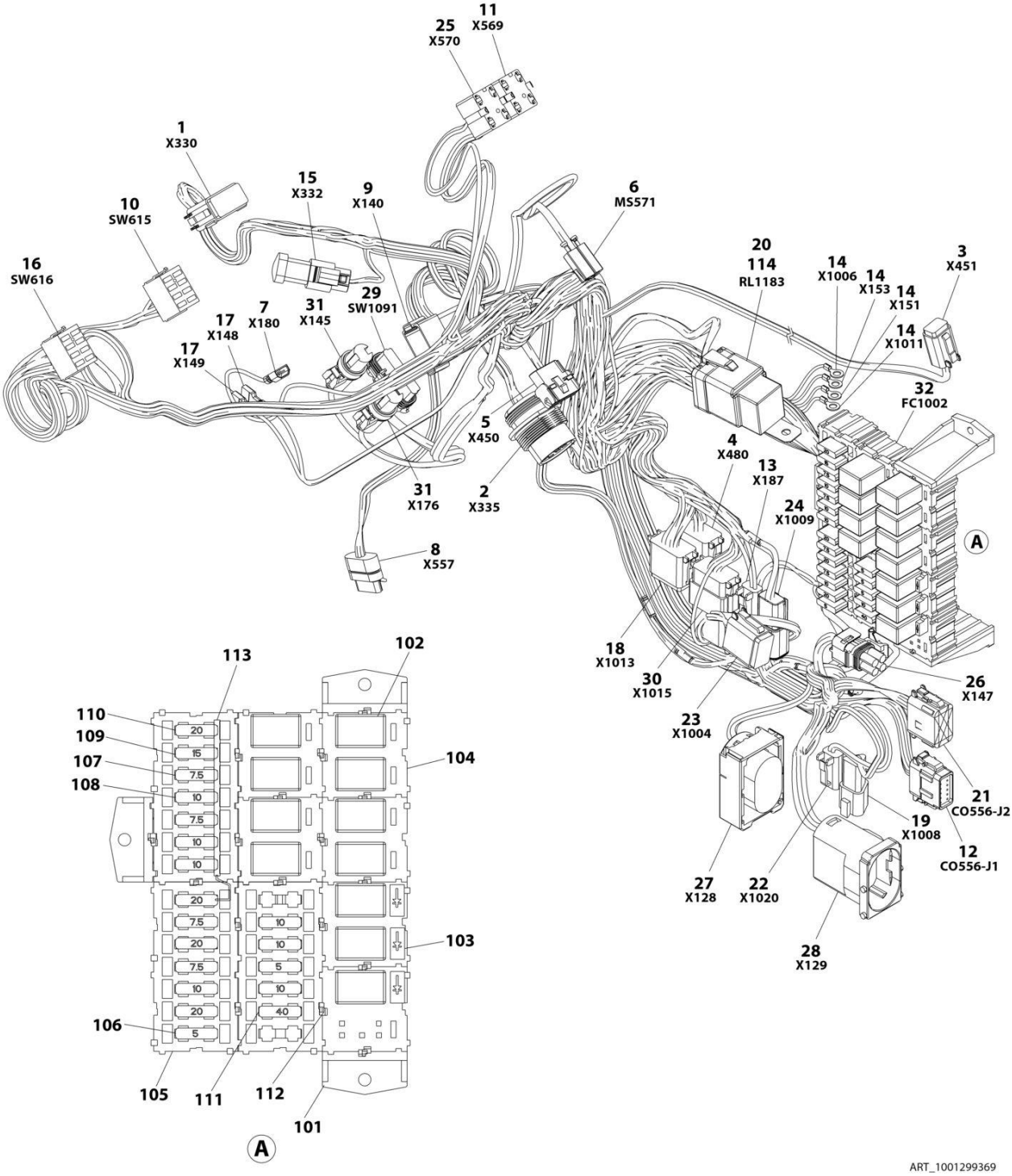


FIGURE 10-19. CAB POWER DISTRIBUTION HARNESS (SN 0160125925 to Present, SN 0160125626 through 0160125627)

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	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
21	1001116774	1	Connector	
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)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
108	8229234	5	Fuse (10AMP)	
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 10-20. GAUGE CLUSTER JUMPER HARNESS (SN 0160125925 to Present, SN 0160125626 through 0160125627)

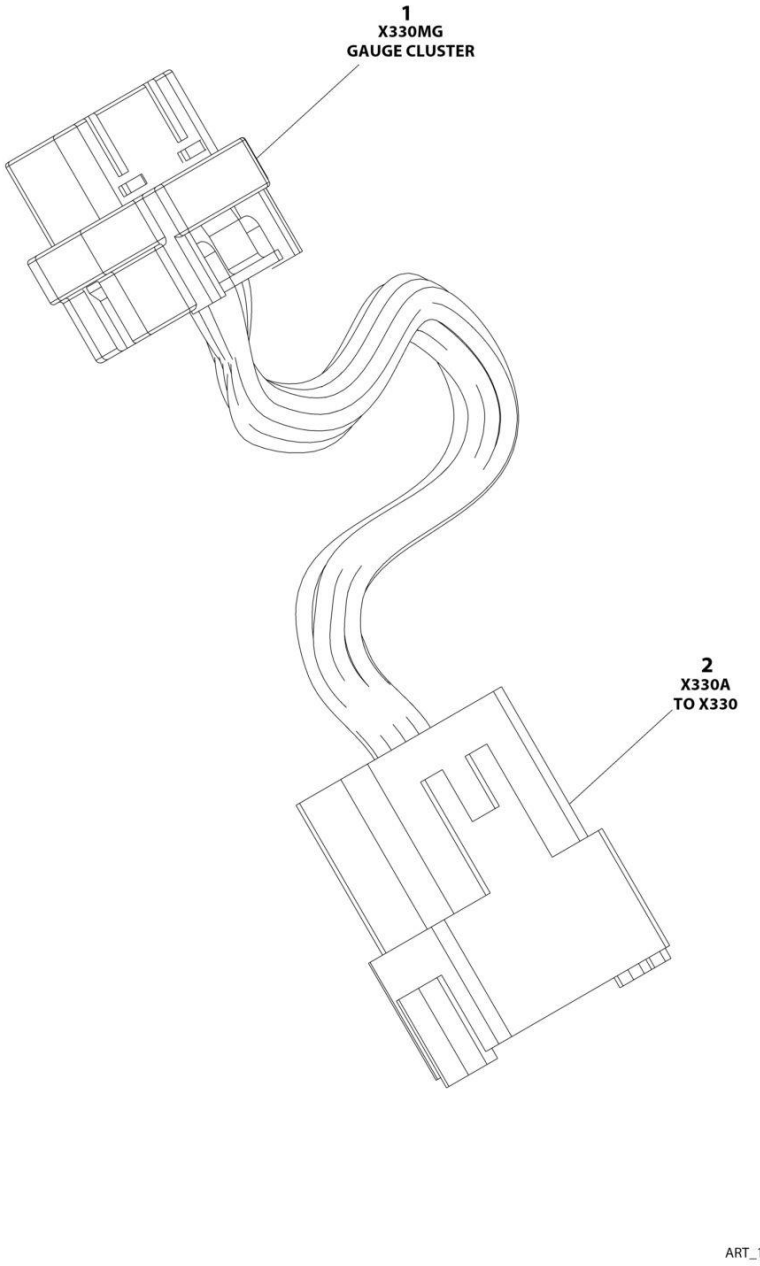


FIGURE 10-20. GAUGE CLUSTER JUMPER HARNESS (SN 0160125925 to Present, SN 0160125626 through 0160125627)

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

FIGURE 10-21. CLEARSKY INSTALLATION - CANBUS

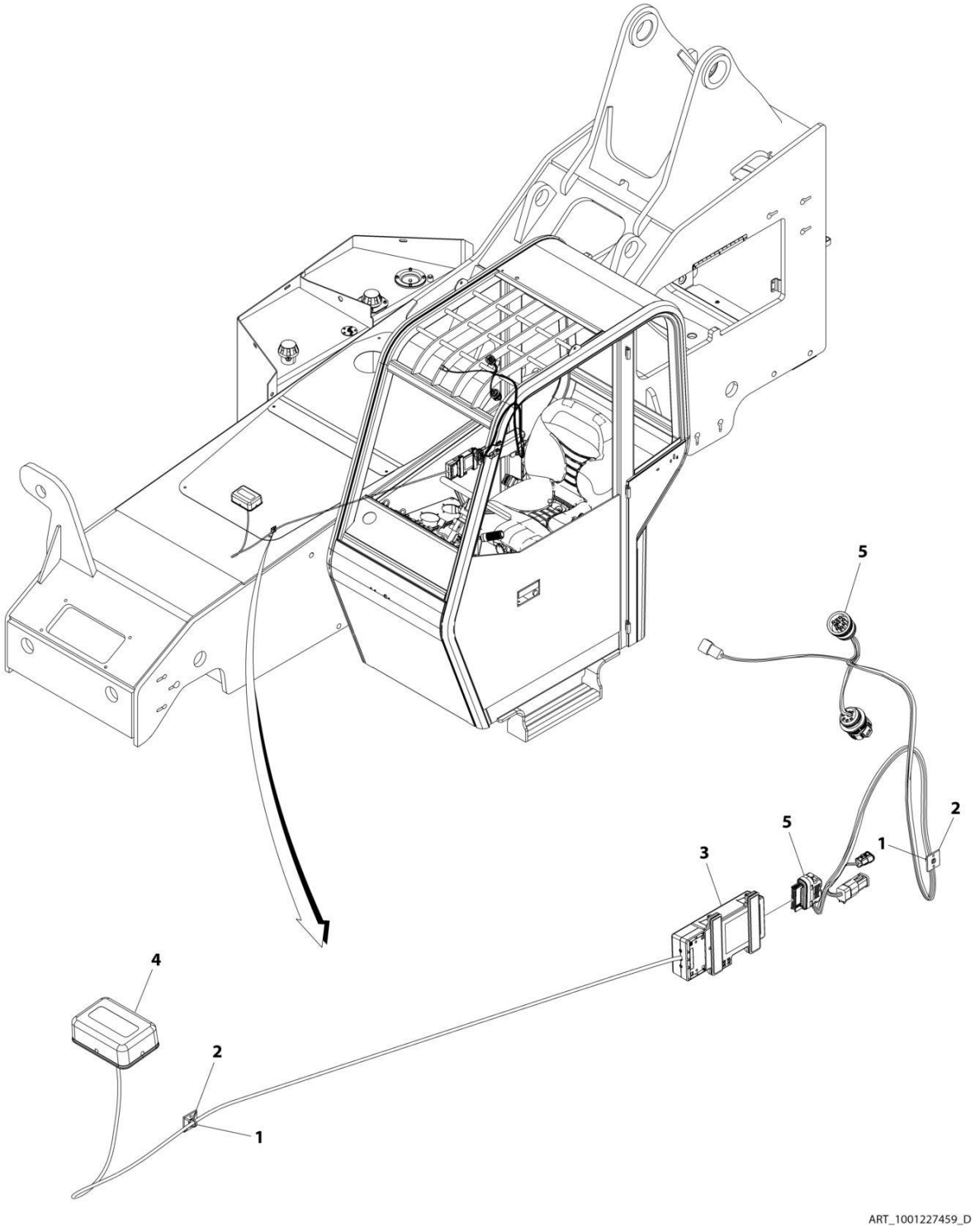


FIGURE 10-21. CLEARSKY INSTALLATION - CANBUS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227459	Ref	CLEARSKY INSTALLATION	D
1	4240032	AR	Tie-Strap	
2	4460234	AR	Mount, Tie-Strap	
3	1001226796	1	Module (3G)	
3	1001262322	1	Module (4G)	
4	1001226799	1	Antenna (3G)	
4	1001262326	1	Antenna (4G)	
5	1001226856	1	Harness, Clearsky (See Separate Breakdown in this Section)	

FIGURE 10-22. CLEARSKY INSTALLATION - CANBUS (CE)

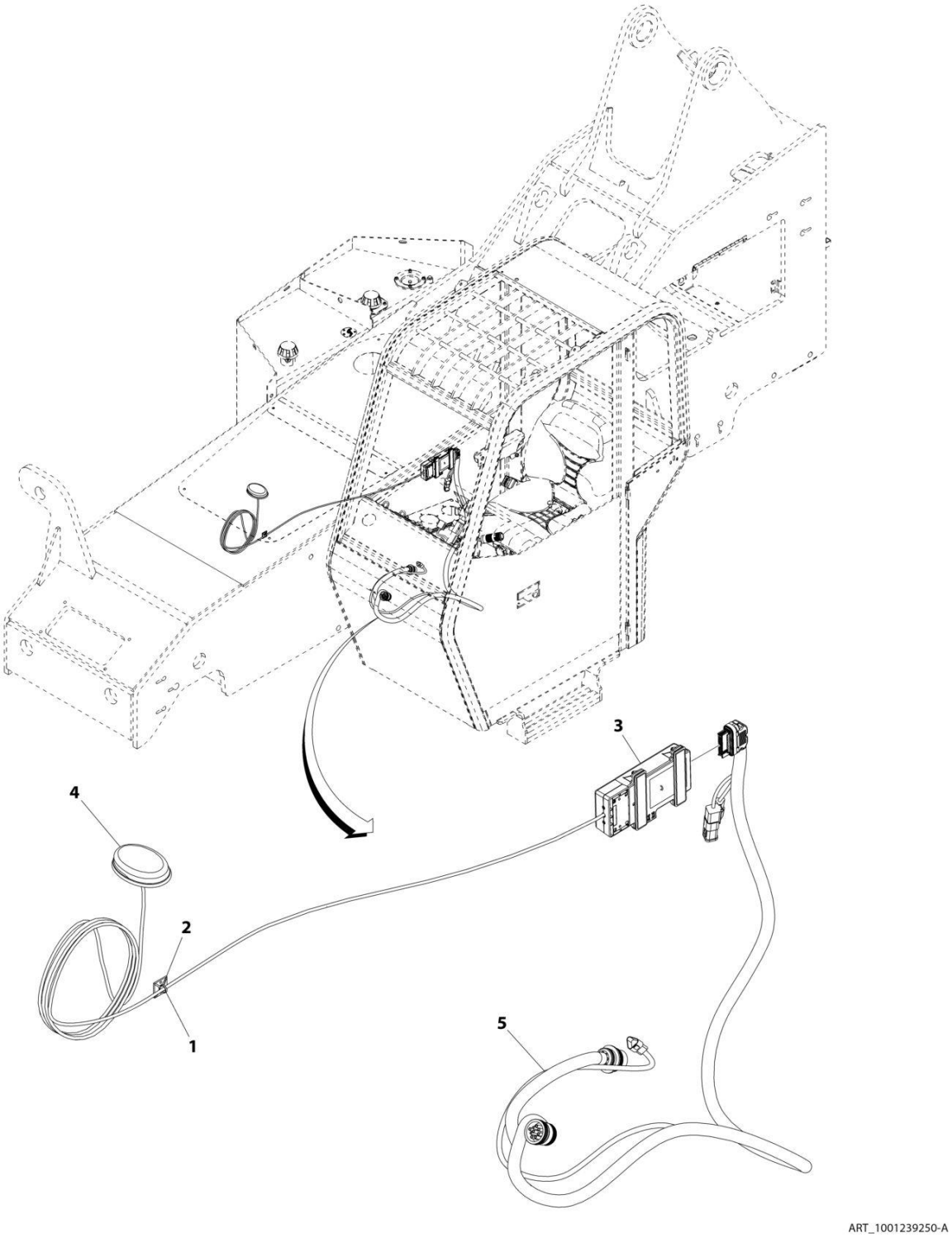


FIGURE 10-22. CLEARSKY INSTALLATION - CANBUS (CE)

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 10-23. CLEARSKY INSTALLATION - SMART FLEET (CLOSED CAB) (Prior to SN 0160126767)

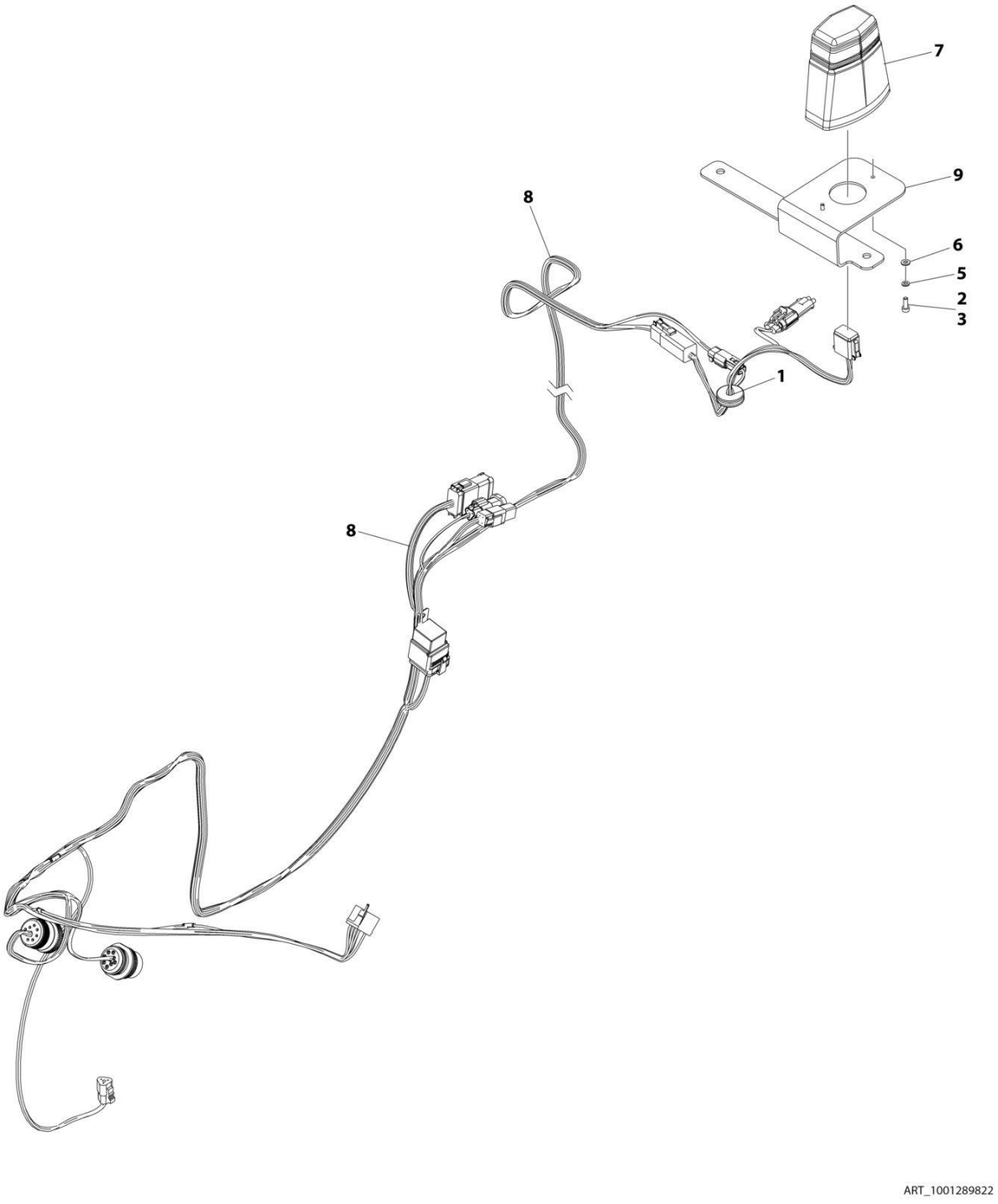


FIGURE 10-23. CLEARSKY INSTALLATION - SMART FLEET (CLOSED CAB) (Prior to SN 0160126767)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289822	Ref	CLEARSKY INSTALLATION	A
1	0100009	AR	Adhesive	
2	0100011	AR	Compound, Locking	
3	4031506	2	Capscrew M4 x 12	
4	4240032	AR	Tie-Strap (Not Shown)	
5	4811400	2	Washer M4	
6	4831400	2	Washer, Lock M4	
7	1001280661	1	Module, ClearSky	
8	1001288404	1	Harness, ClearSky (See Separate Breakdown in this Section)	
9	1001288820	1	Bracket, ClearSky Mounting	

FIGURE 10-24. CLEARSKY INSTALLATION - SMART FLEET (CLOSED CAB) (SN 0160126767 to Present)

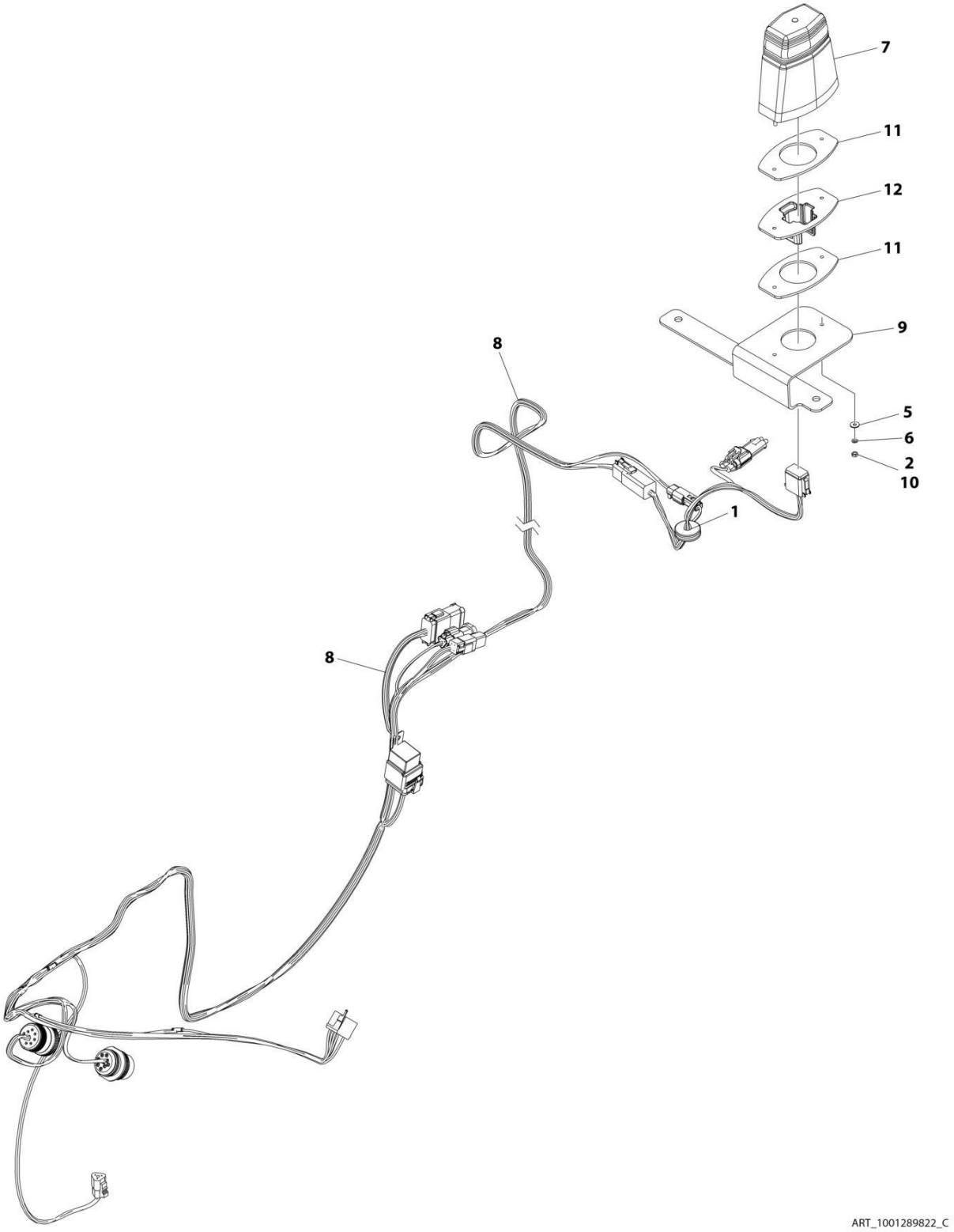


FIGURE 10-24. CLEARSKY INSTALLATION - SMART FLEET (CLOSED CAB) (SN 0160126767 to Present)

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 10-25. CLEARSKY INSTALLATION - SMART FLEET (OPEN CAB) (Prior to SN 0160126767)

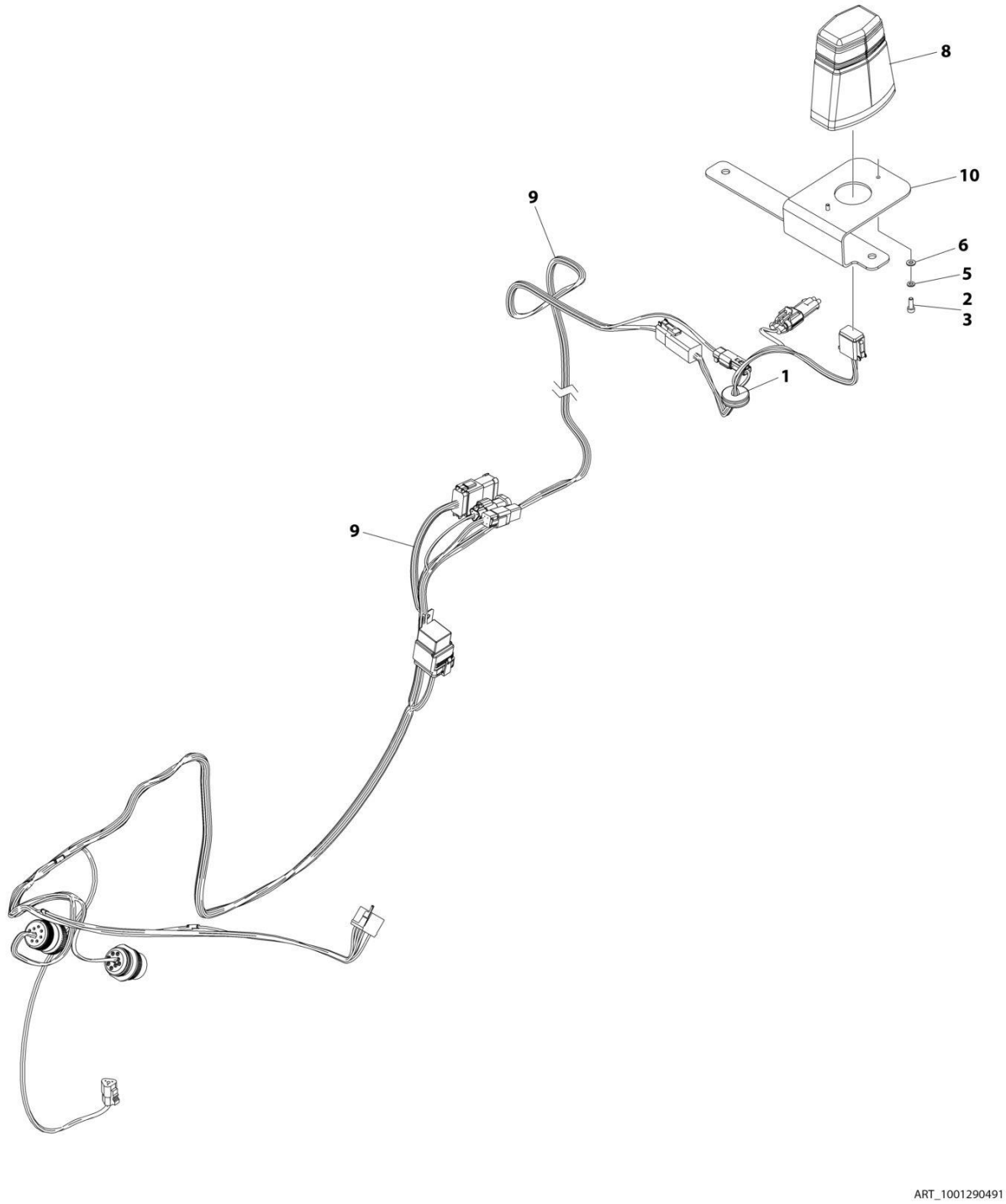


FIGURE 10-25. CLEARSKY INSTALLATION - SMART FLEET (OPEN CAB) (Prior to SN 0160126767)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001290491	Ref	CLEARSKY INSTALLATION	A
1	0100009	AR	Adhesive	
2	0100011	AR	Compound, Locking	
3	4031506	2	Capscrew M4 x 12	
4	4240032	AR	Tie-Strap (Not Shown)	
5	4811400	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	

FIGURE 10-26. CLEARSKY INSTALLATION - SMART FLEET (OPEN CAB) (SN 0160126767 to Present)

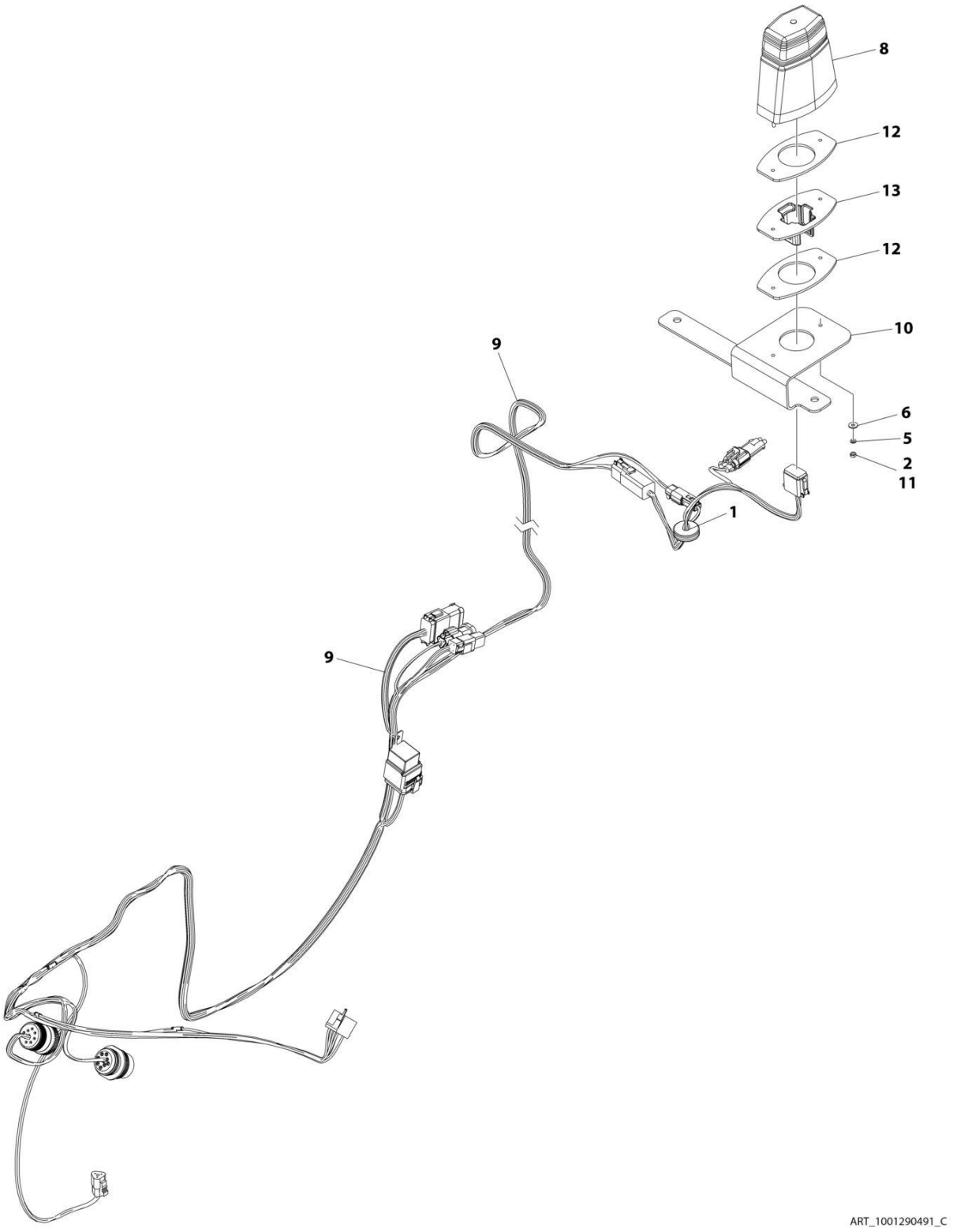


FIGURE 10-26. CLEARSKY INSTALLATION - SMART FLEET (OPEN CAB) (SN 0160126767 to Present)

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 10-27. CLEARSKY TELEMATICS HARNESS (CANBUS)

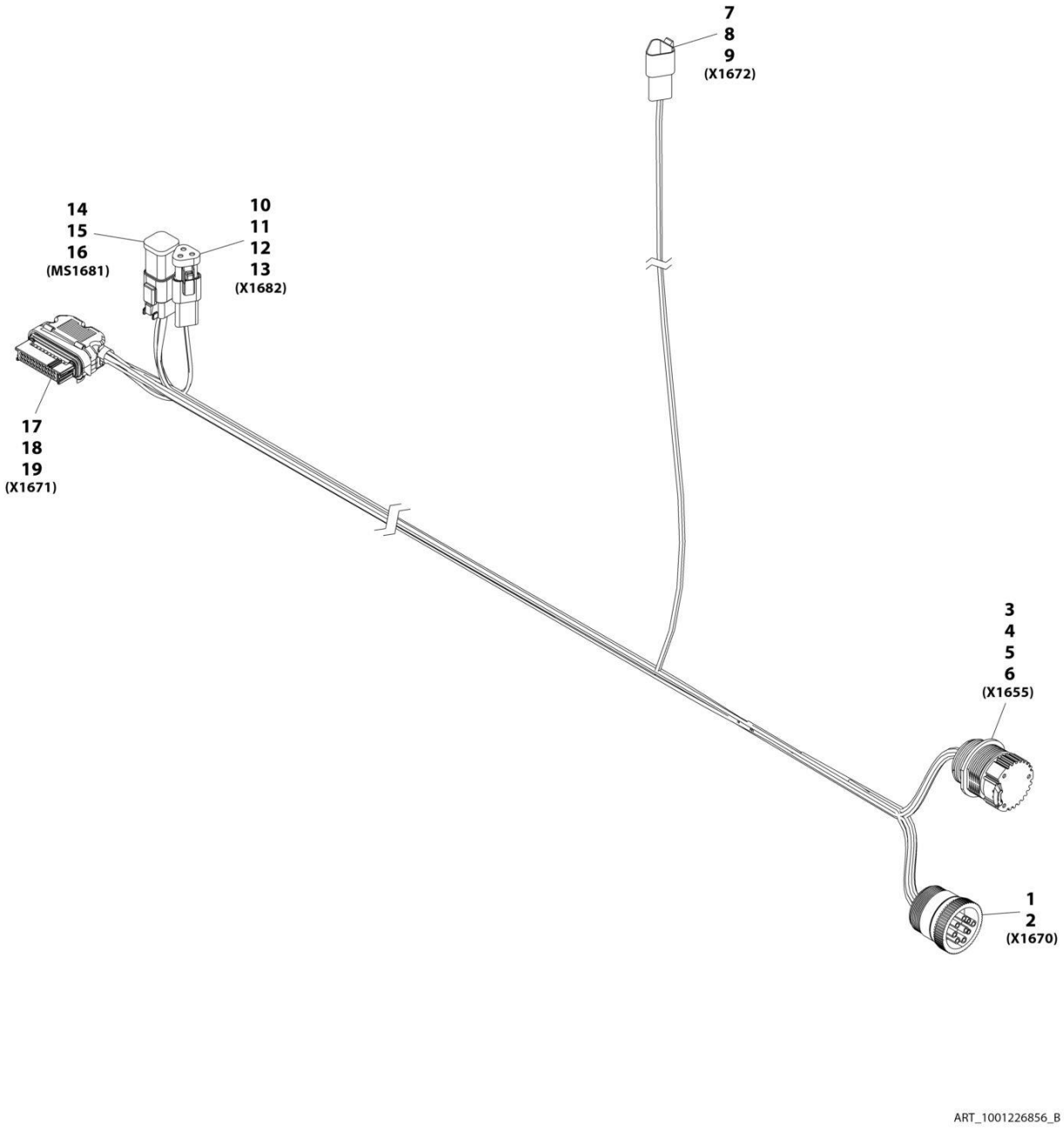


FIGURE 10-27. CLEARSKY TELEMATICS HARNESS (CANBUS)

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 10-28. CLEARSKY TELEMATICS GATEWAY PLUS INSTALLATION

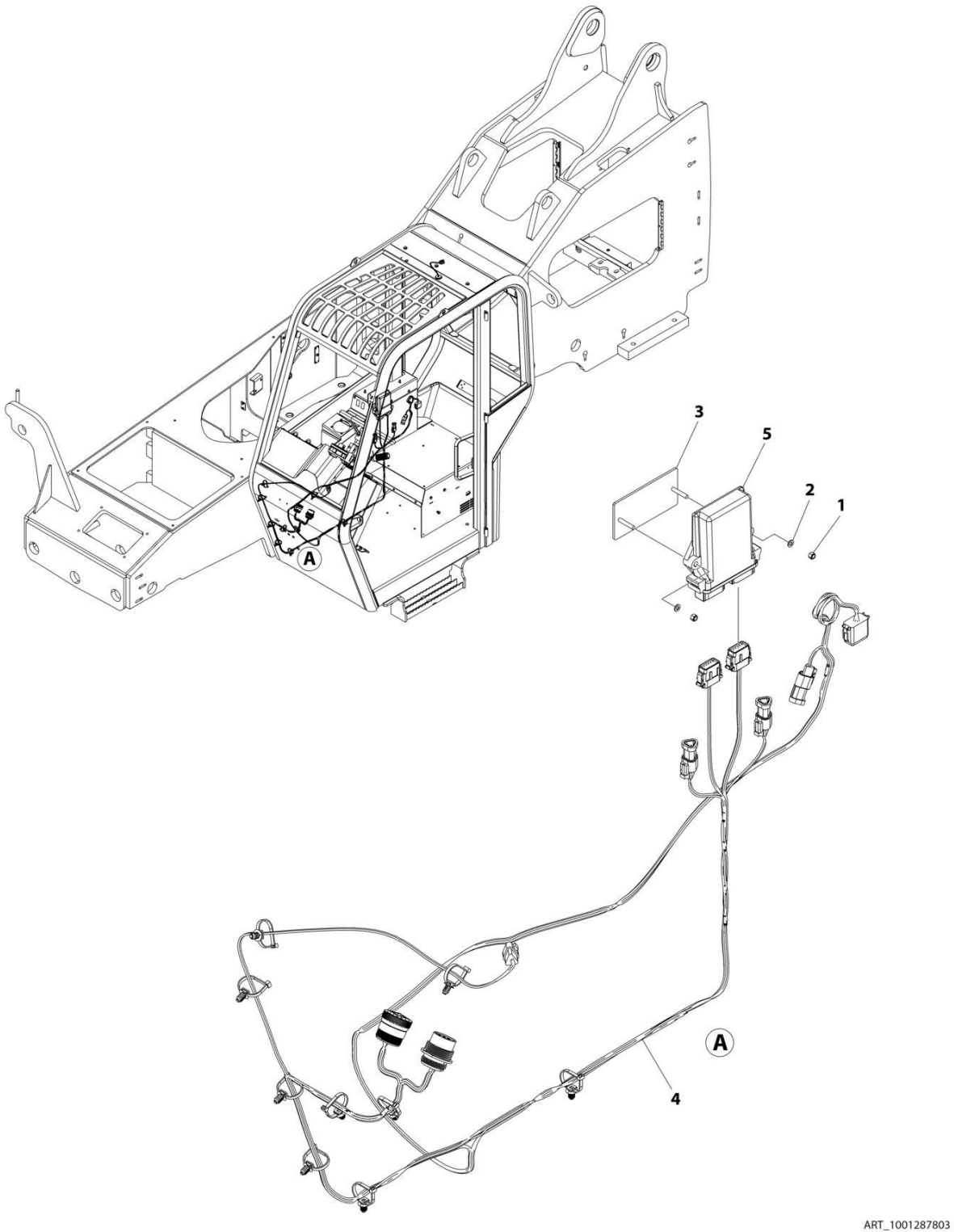


FIGURE 10-28. CLEARSKY TELEMATICS GATEWAY PLUS INSTALLATION

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 10-29. CLEARSKY HARNESS - 3-WIRE

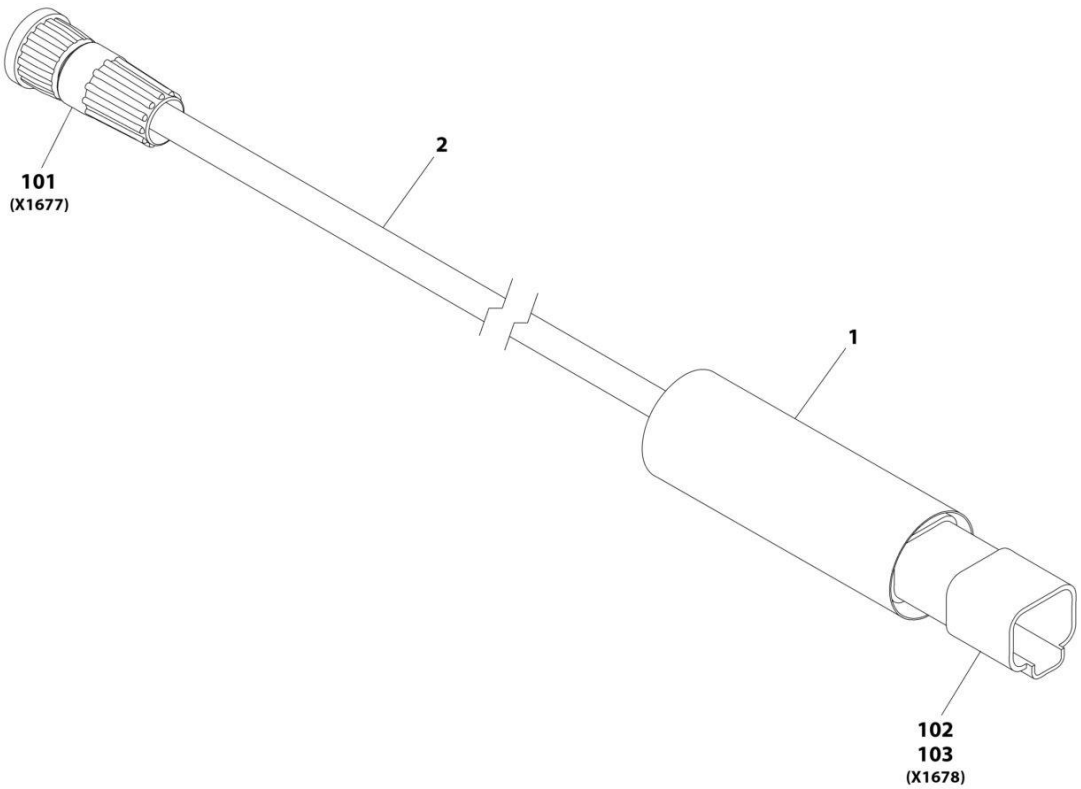


FIGURE 10-29. CLEARSKY HARNESS - 3-WIRE

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 10-30. CLEARSKY TELEMATICS 3-WIRE INSTALLATION

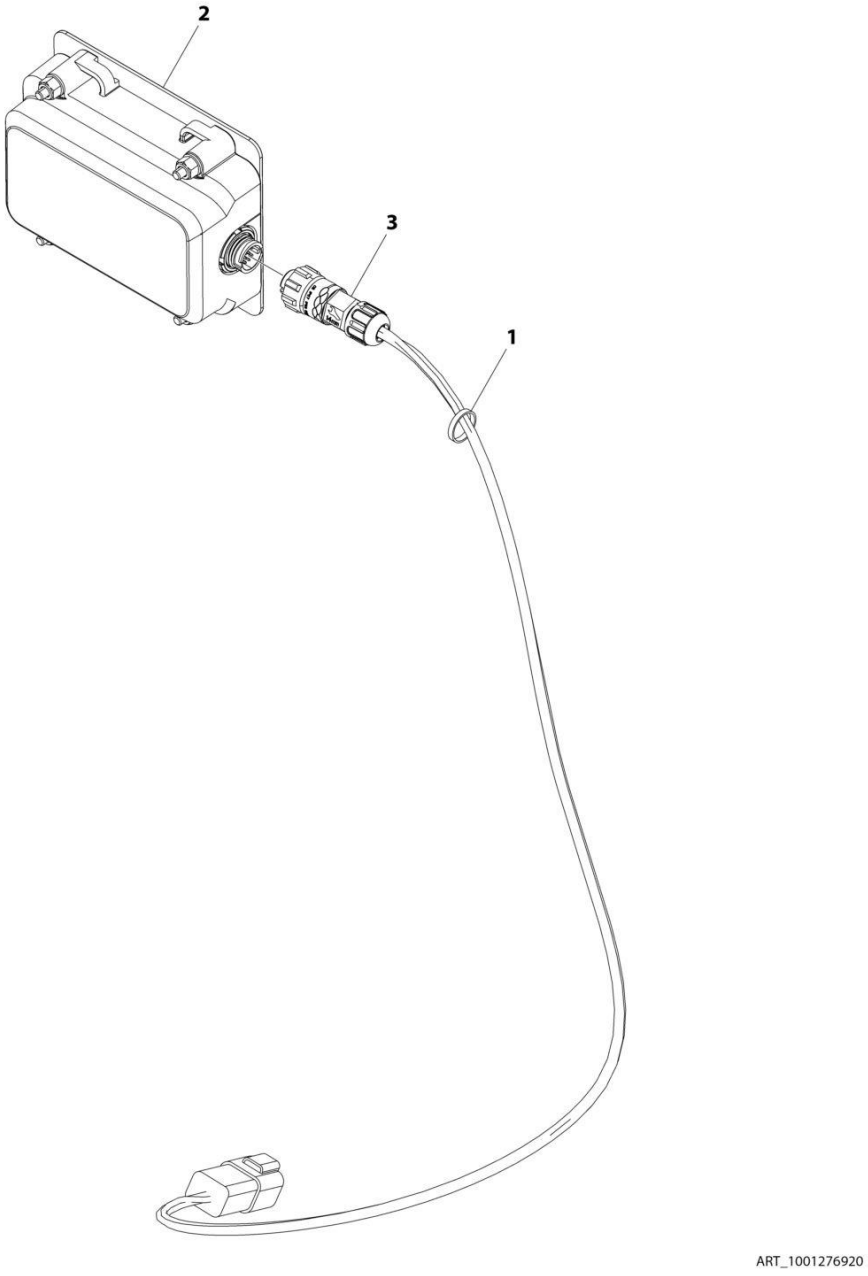


FIGURE 10-30. CLEARSKY TELEMATICS 3-WIRE INSTALLATION

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 10-31. CLEARSKY TELEMATICS 3-WIRE HARNESS

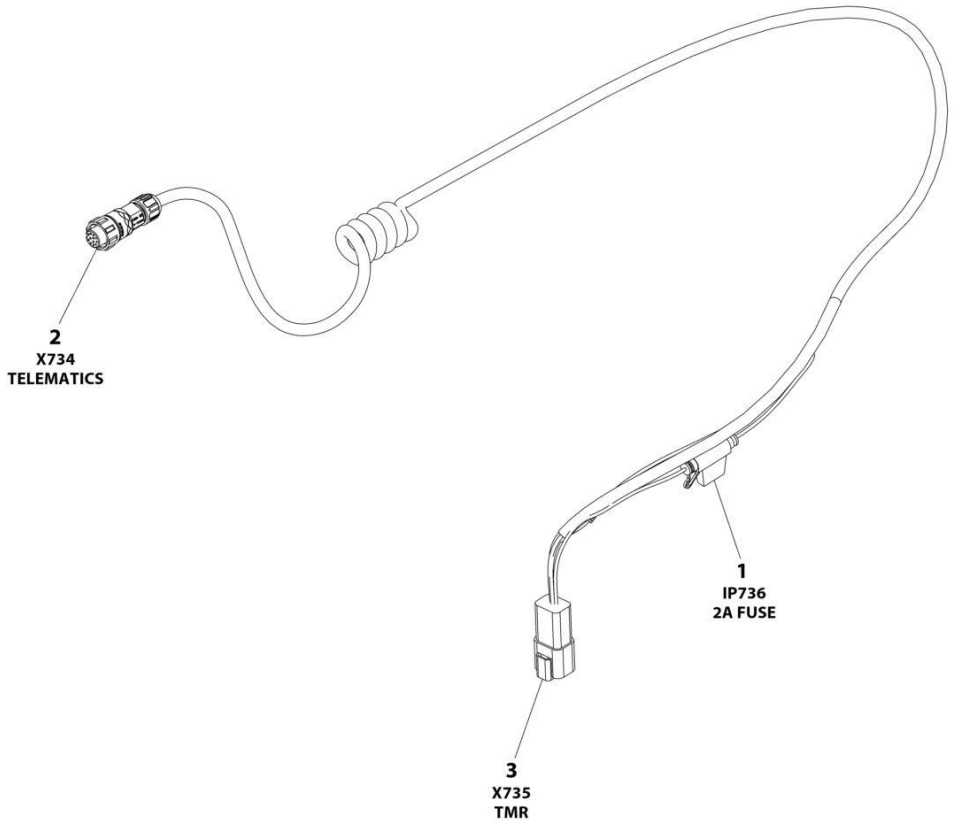


FIGURE 10-31. CLEARSKY TELEMATICS 3-WIRE HARNESS

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 10-32. COLD WEATHER PACKAGE (ULS)

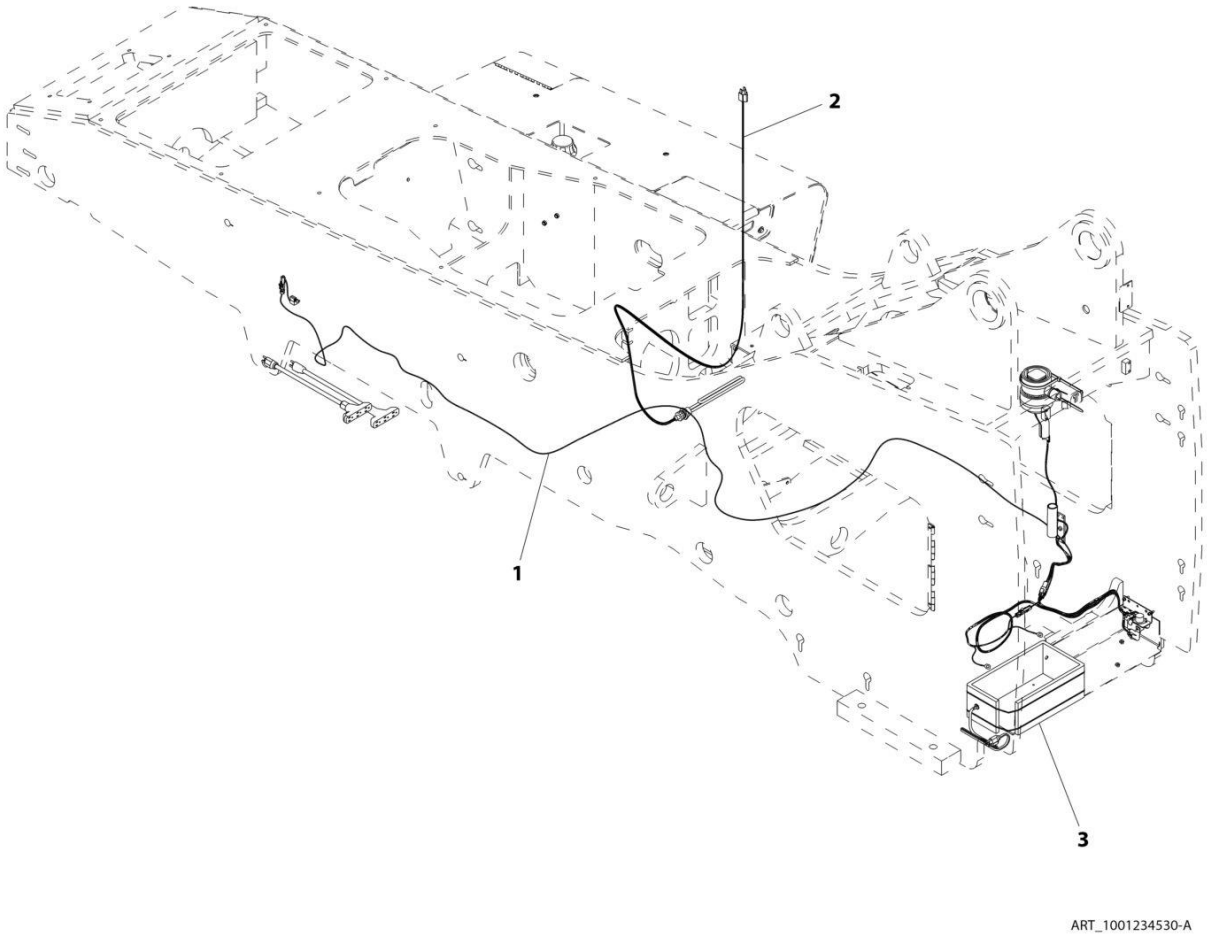


FIGURE 10-32. COLD WEATHER PACKAGE (ULS)

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 10-33. COLD WEATHER PACKAGE (LS)

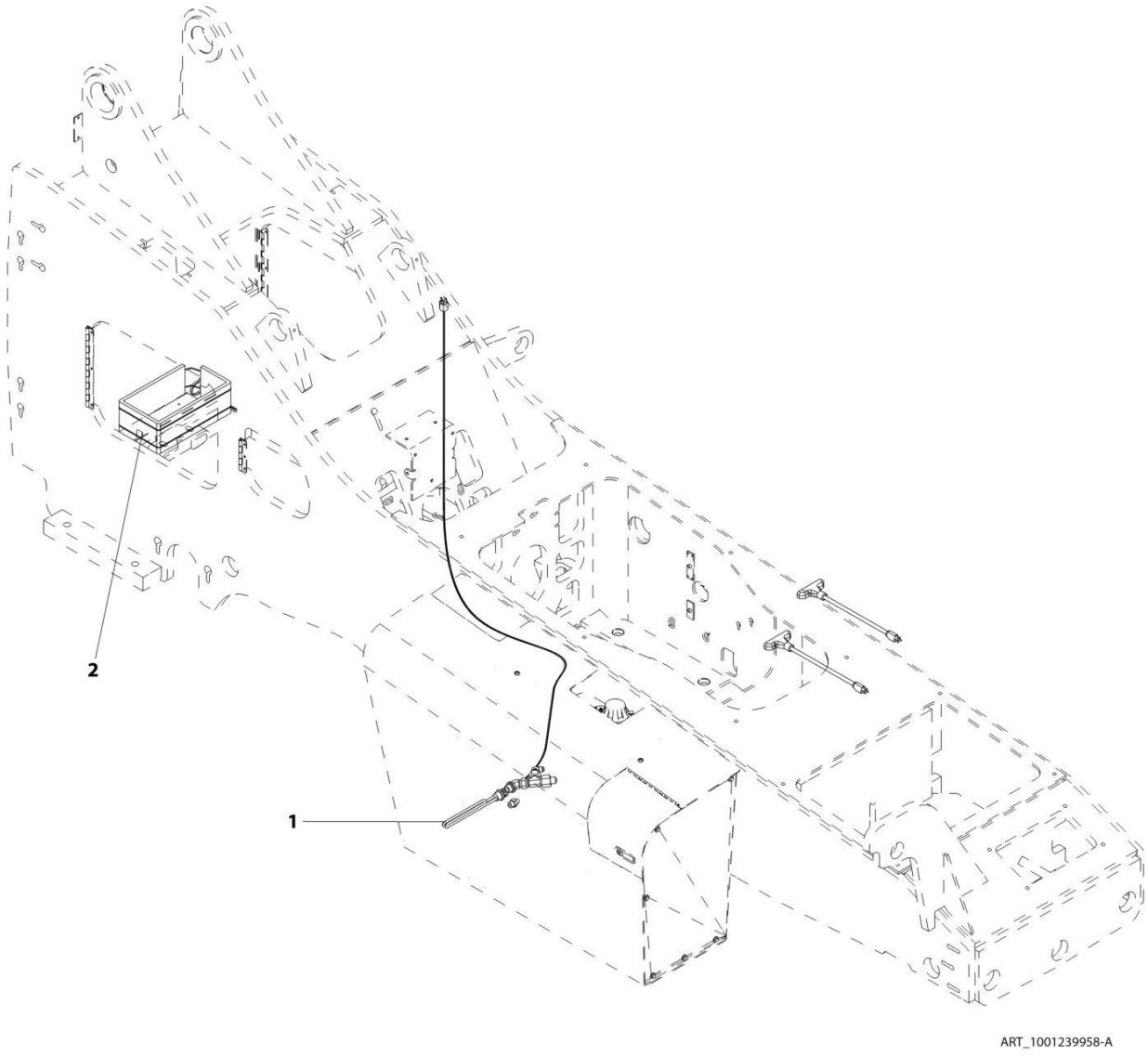
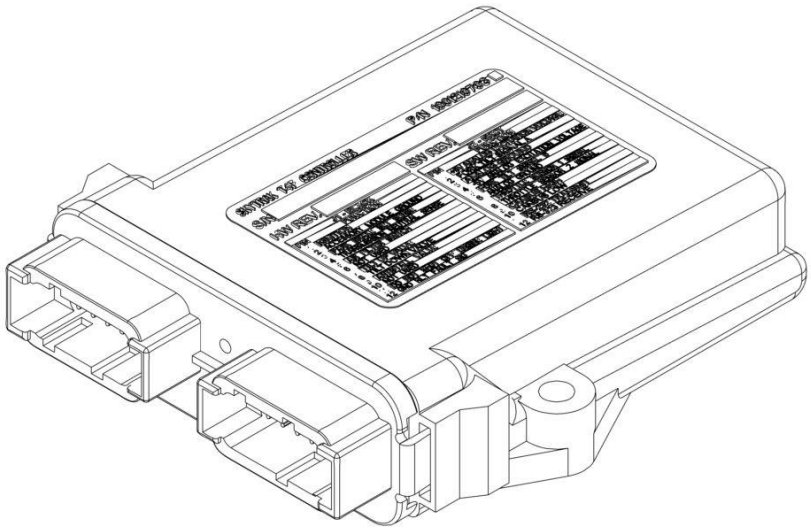


FIGURE 10-33. COLD WEATHER PACKAGE (LS)

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 10-34. CONTROLLER

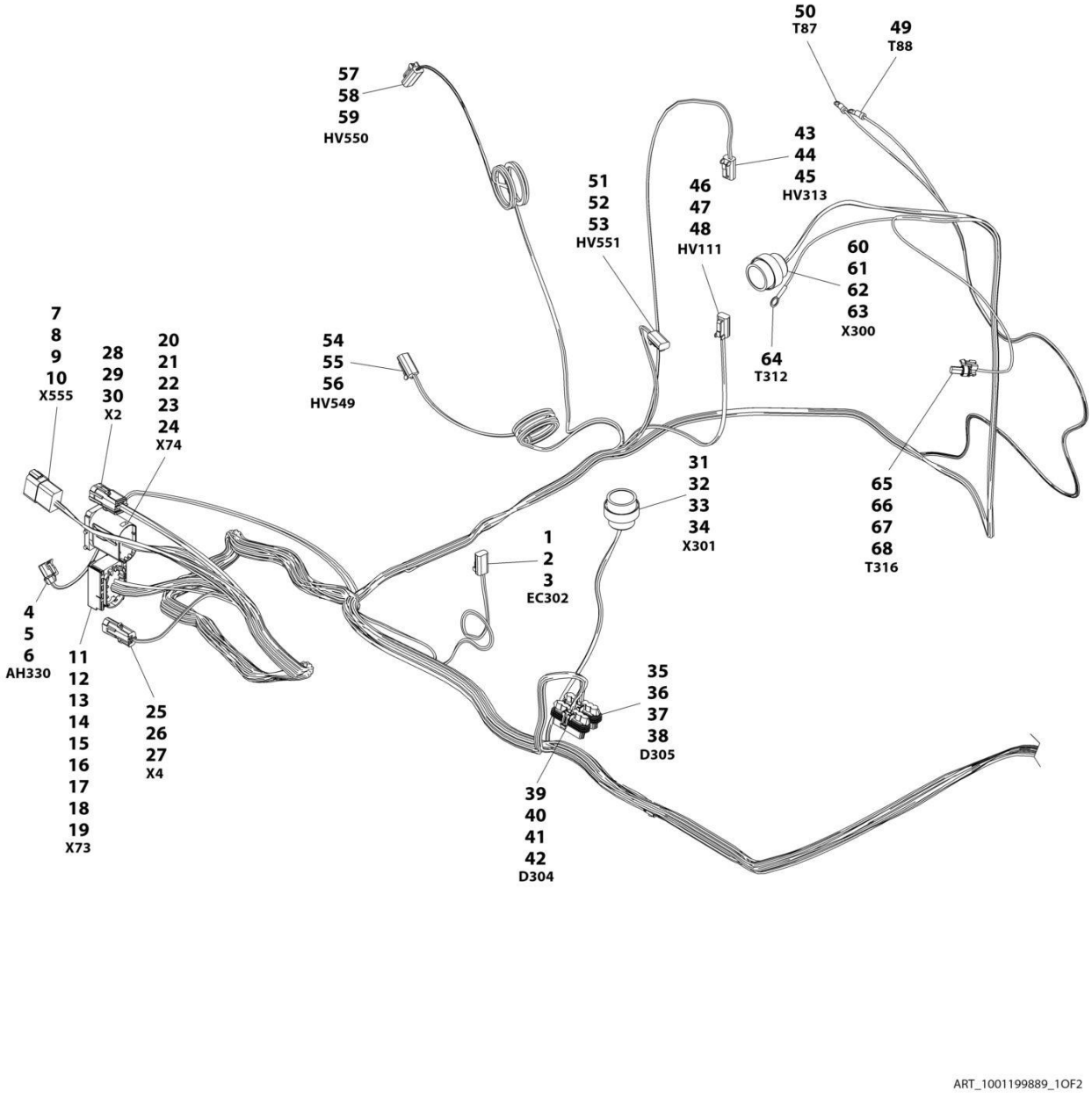


ART_1001292279

FIGURE 10-34. CONTROLLER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001292279	Ref	Controller	A
	Note	1	No Service Parts Available	

FIGURE 10-35. ENGINE HARNESS (74HP)



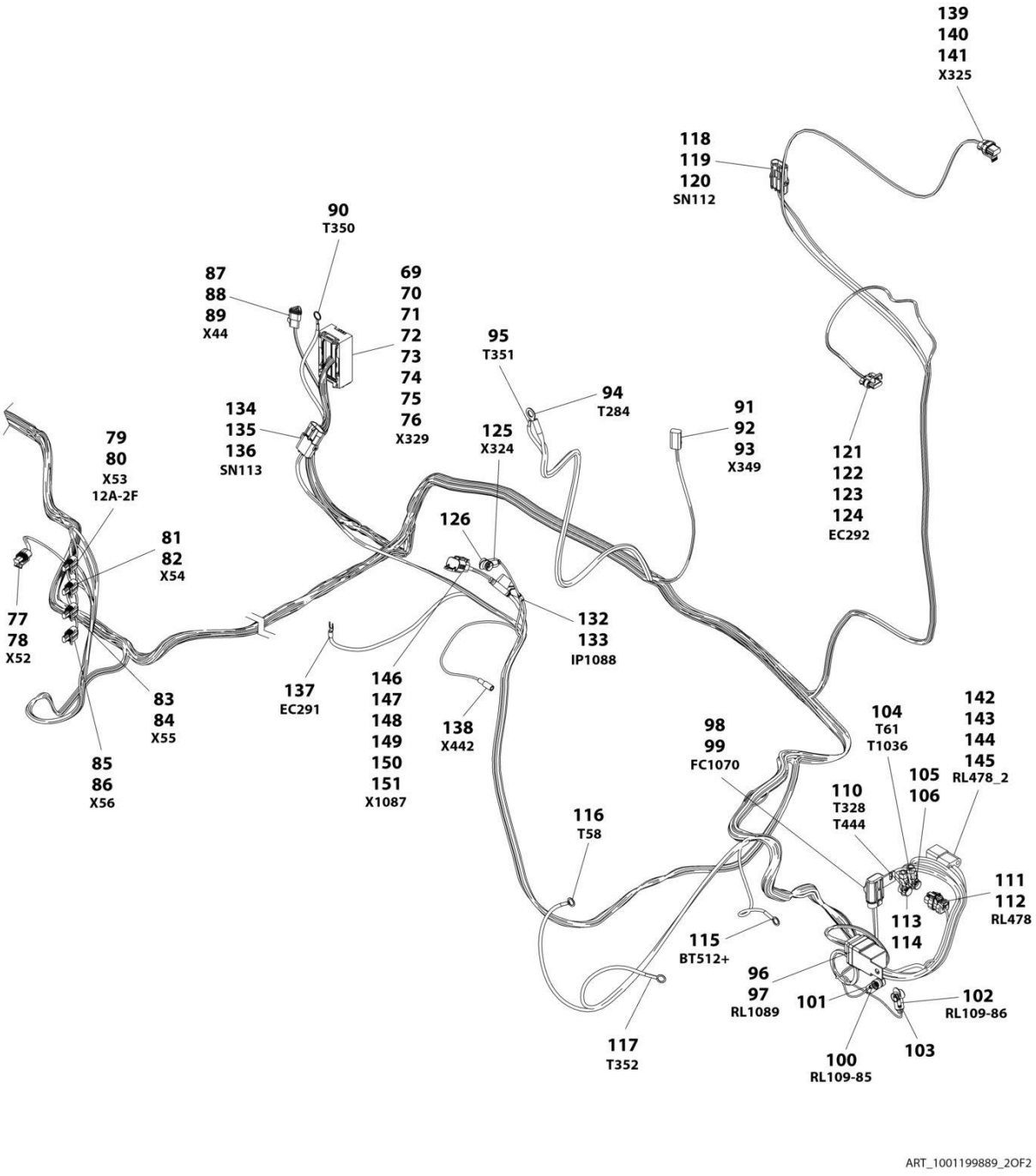

139
140
141
X325
118
119
120
SN112
90
T350
87
88
89
X44
69
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71
72
73
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75
76
X329
95
T351
94
T284
91
92
93
X349
121
122
123
124
EC292
134
135
136
SN113
125
X324
79
80
X53
12A-2F
81
82
X54
126
77
78
X52
132
133
IP1088
137
EC291
146
147
148
149
150
151
X1087
138
X442
83
84
X55
85
86
X56
98
99
FC1070
104
T61
T1036
142
143
144
145
RL478_2
105
106
110
T328
T444
116
T58
111
112
RL478
113
114
115
BT512+
96
97
RL1089
101
102
RL109-86
103
117
T352
100
RL109-85
ART_1001199889_2OF2

FIGURE 10-35. ENGINE HARNESS (74HP)

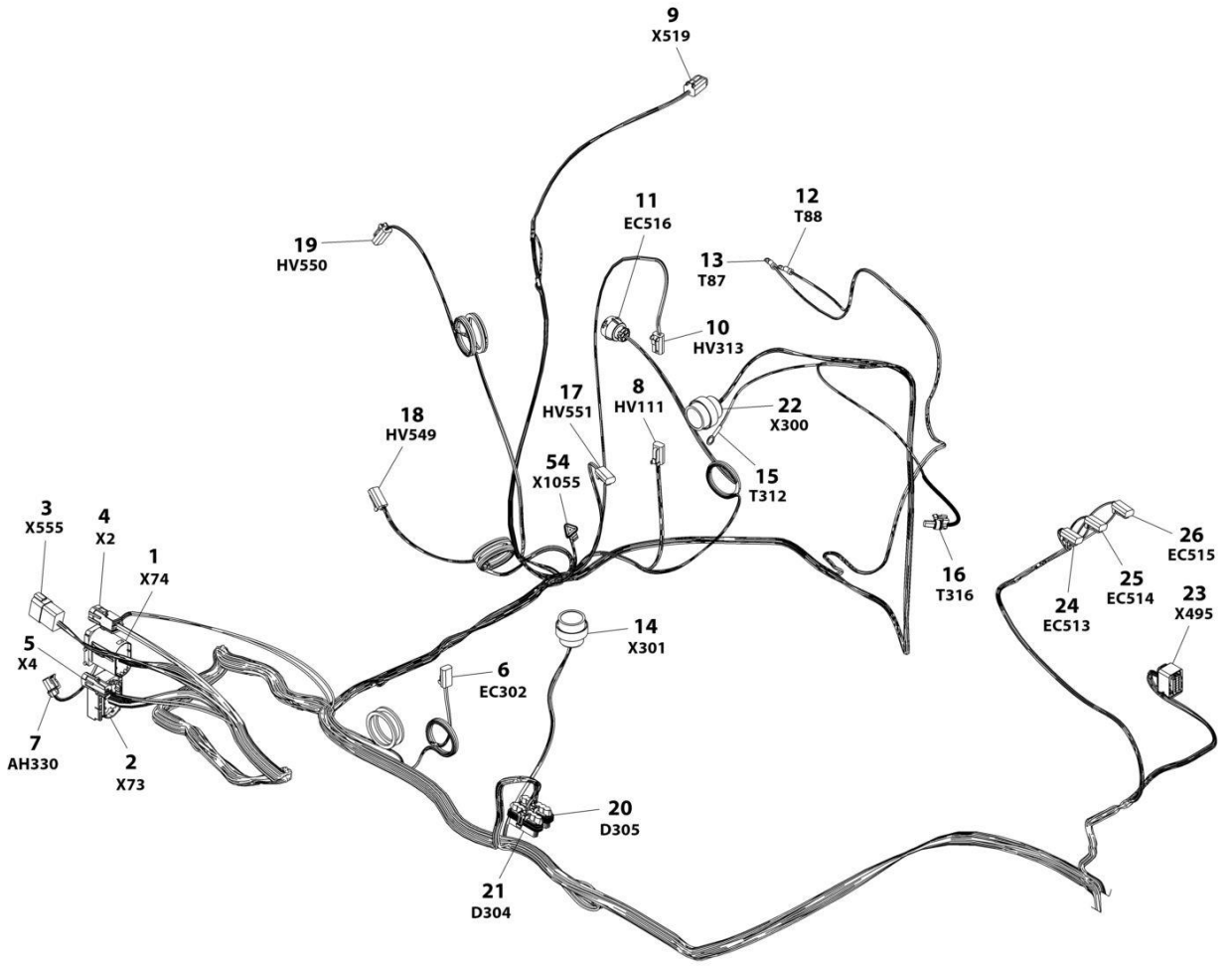
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199889	Ref	ENGINE HARNESS 74HP (IF EQUIPPED FOR ULS)	I
1	4460891	1	Connector	
2	80604018	1	Lock, Wedge	
3	4460465	2	Terminal	
4	1001117068	1	Connector	
5	8220124	2	Terminal	
6	80963067	2	Seal	
6	4460608	2	Seal	
7	4460931	1	Connector	
8	91503106	1	Lock, Wedge	
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	

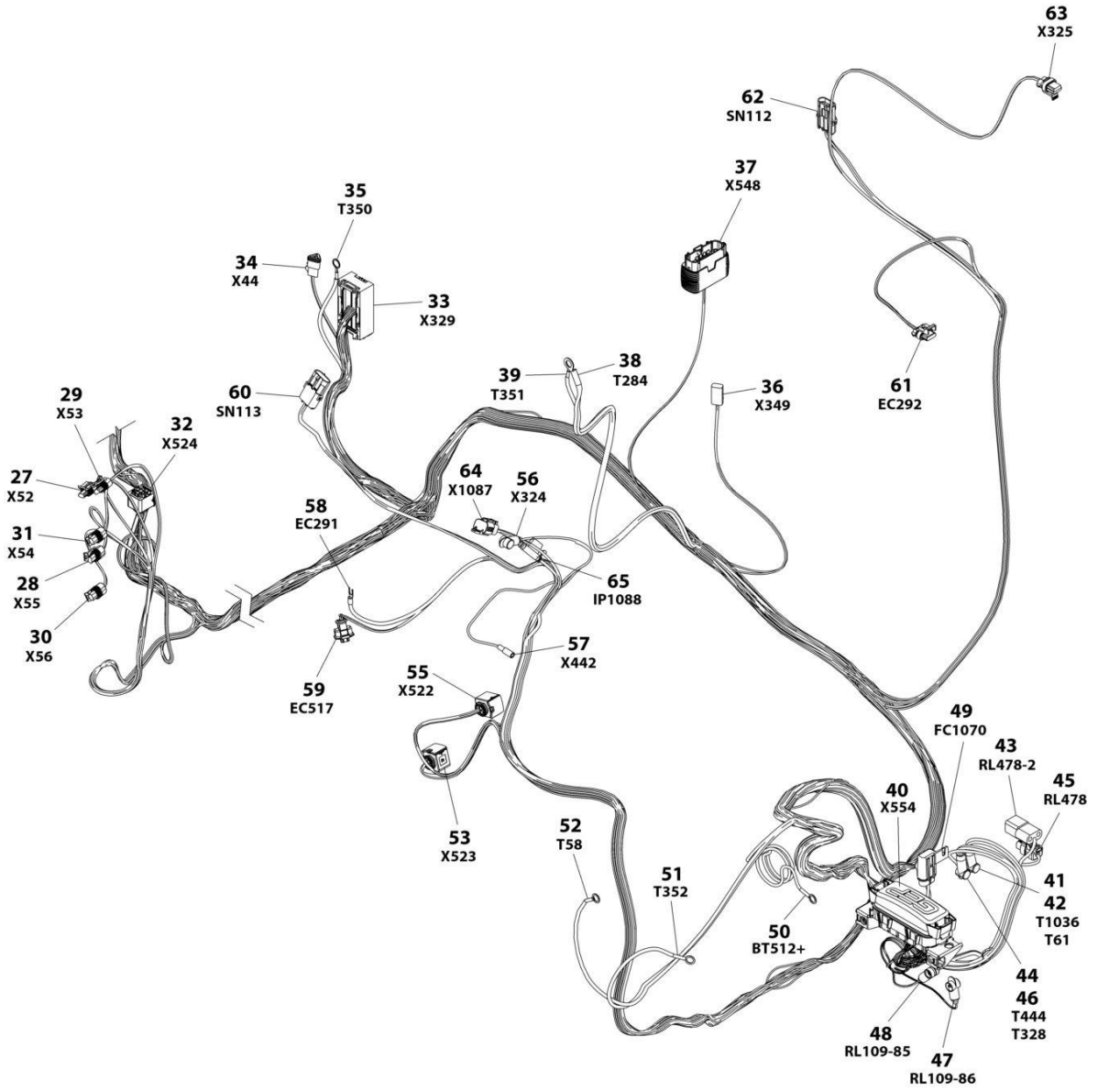
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49	4460042	1	Terminal, Ring	
50	4460042	1	Terminal, Ring	
51	4460891	1	Connector	
52	80604018	1	Lock, Wedge	
53	4460465	2	Terminal	
54	4460891	1	Connector	
55	80604018	1	Lock, Wedge	
56	4460465	2	Terminal	
57	4460891	1	Connector	
58	80604018	1	Lock, Wedge	
59	4460465	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 10-36. ENGINE HARNESS (110HP ULS)





ART_1001169620_2OF2

FIGURE 10-36. 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 10-37. ENGINE HARNESS (110HP LS)

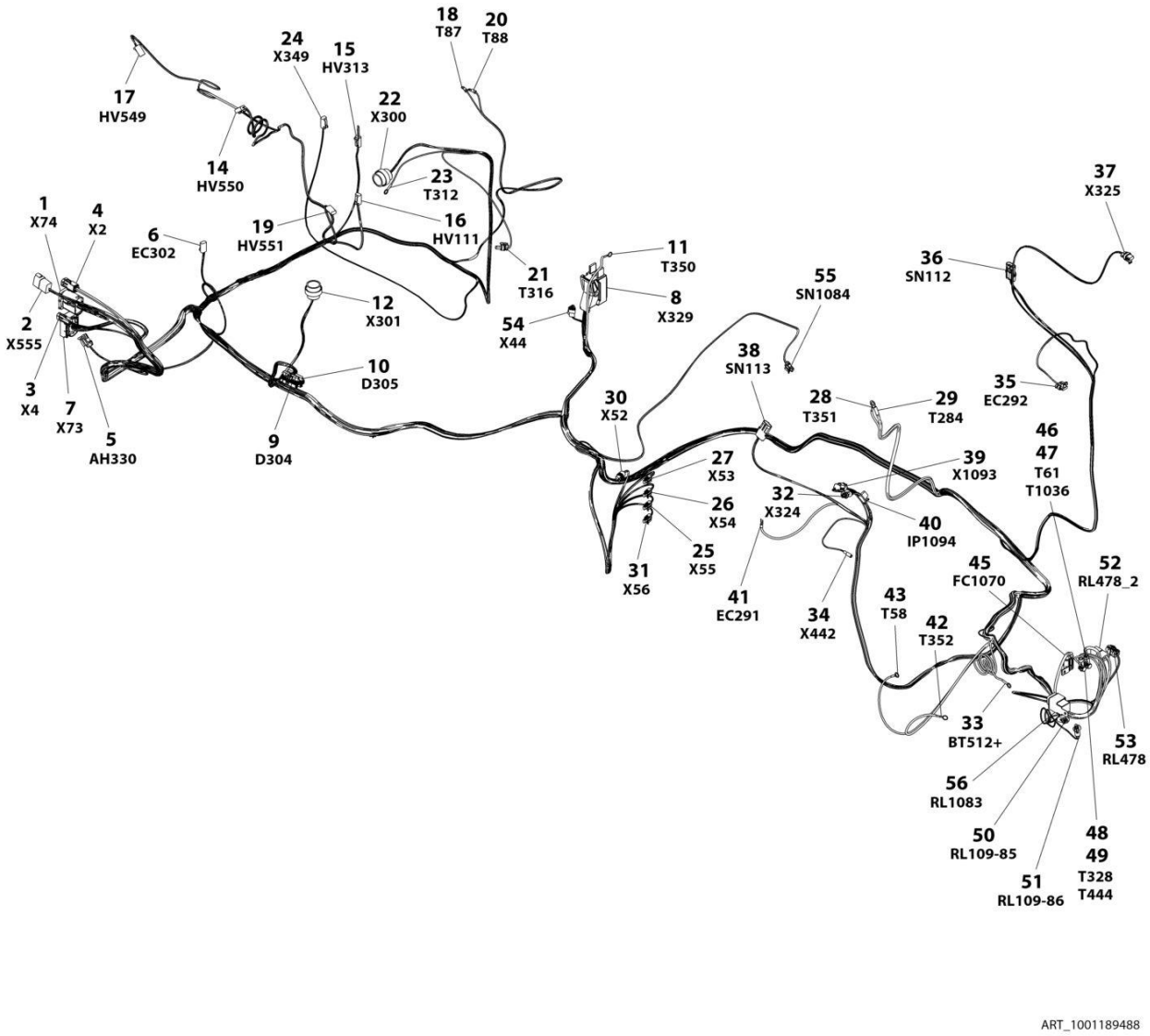


FIGURE 10-37. ENGINE HARNESS (110HP LS)

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	

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 10-38. HVAC HARNESS

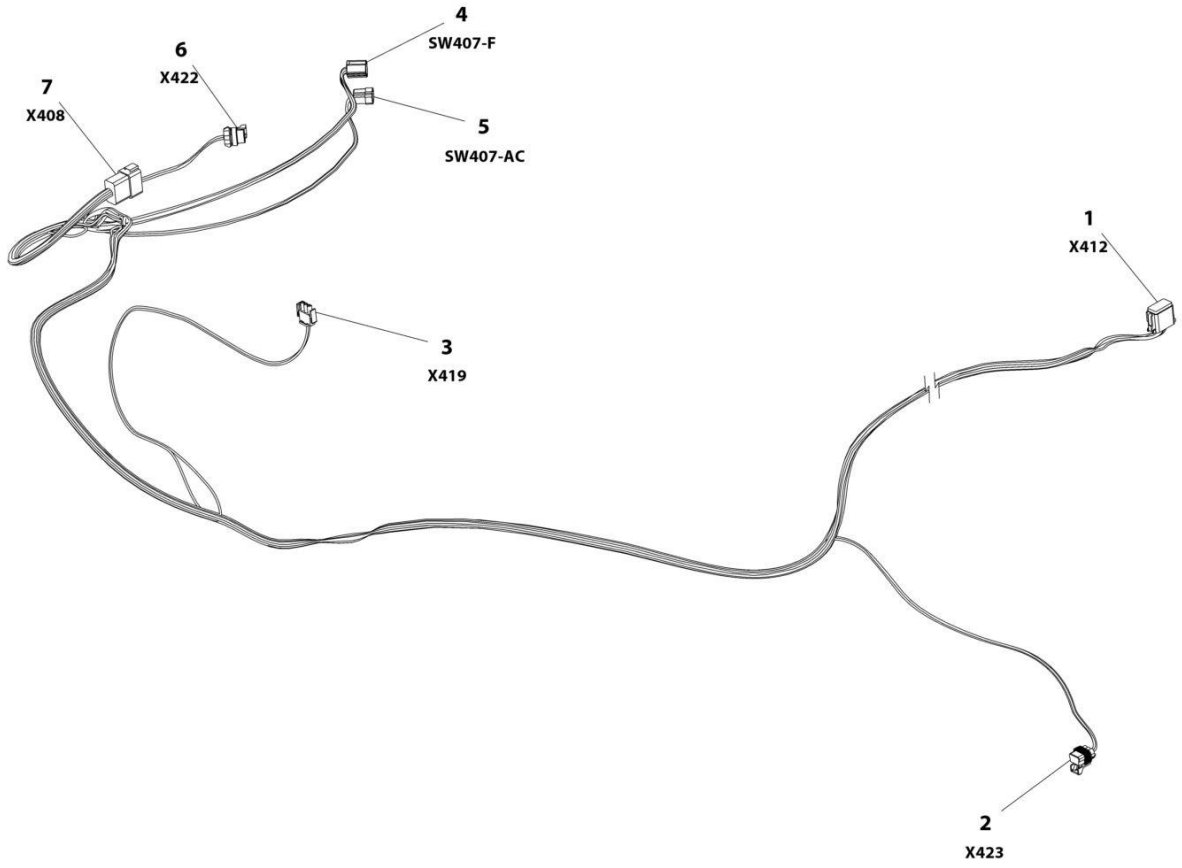


FIGURE 10-38. HVAC HARNESS

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 10-39. BEACON INSTALLATION (OPEN CAB)

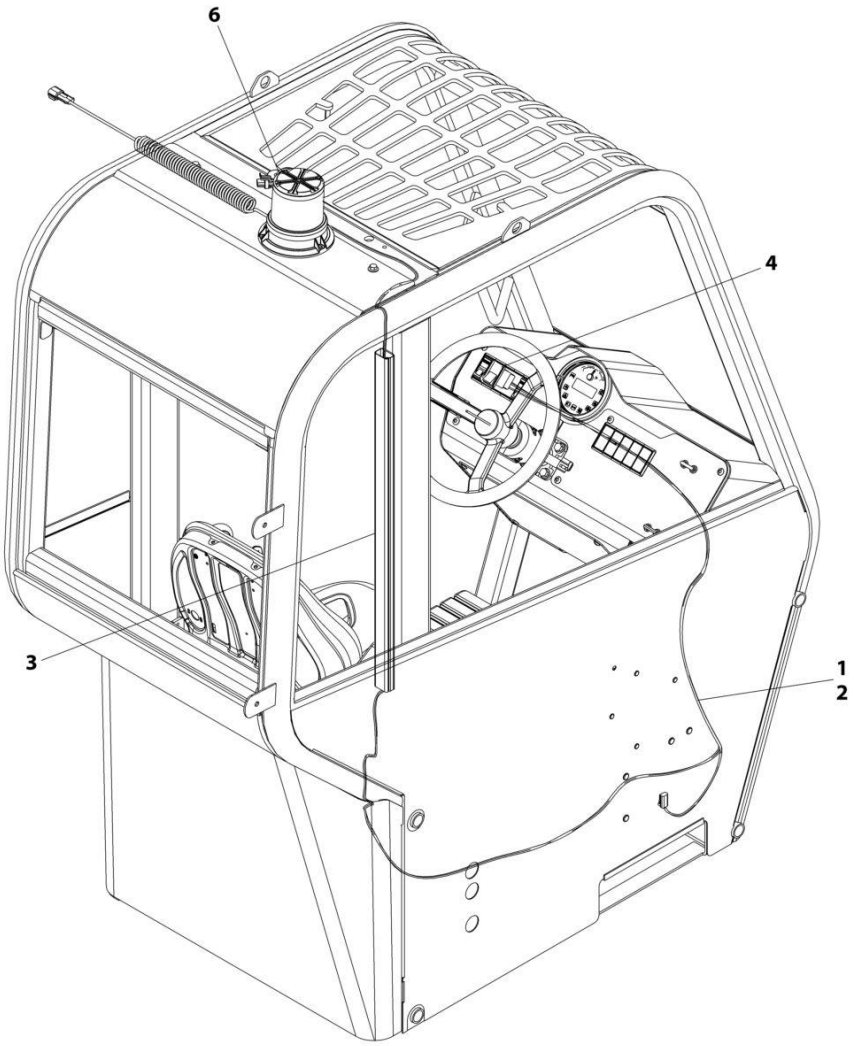


FIGURE 10-39. BEACON INSTALLATION (OPEN CAB)

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 10-40. BEACON INSTALLATION (ENCLOSED CAB)

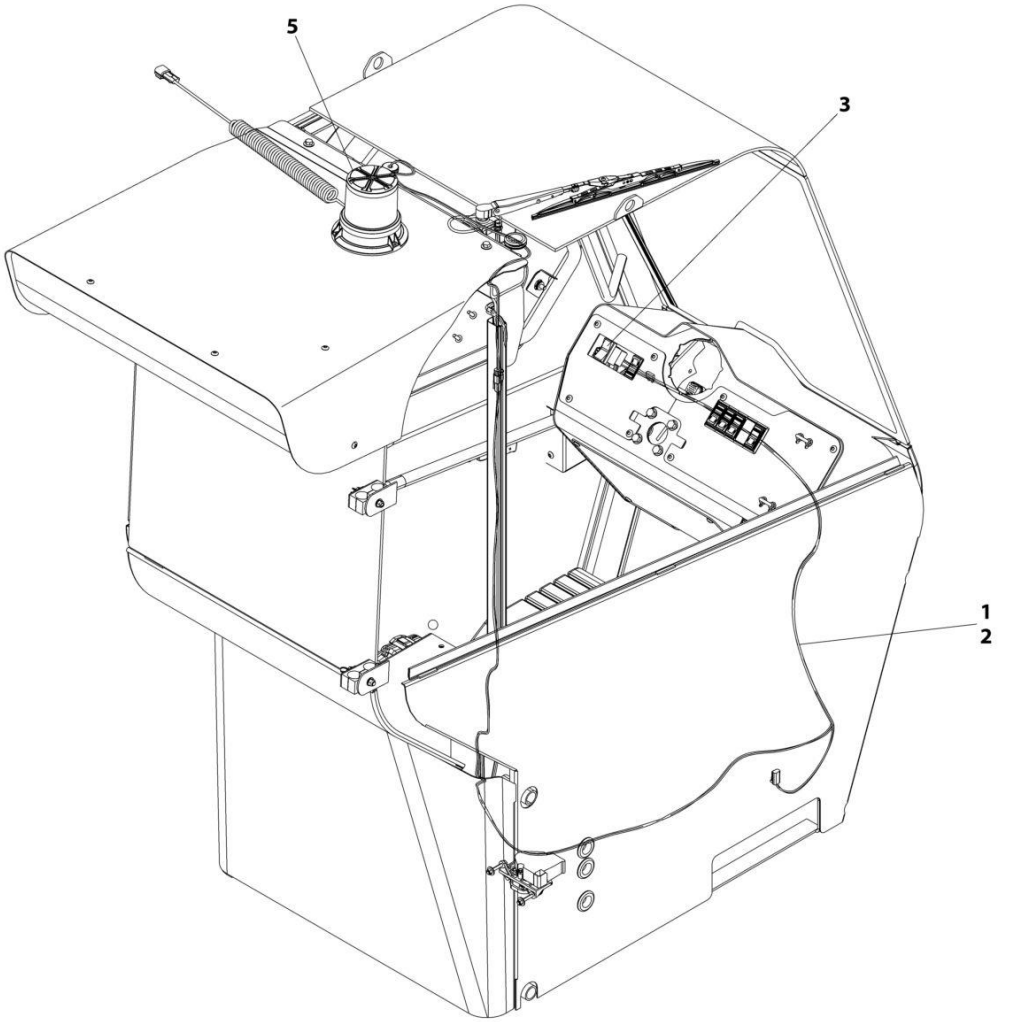


FIGURE 10-40. BEACON INSTALLATION (ENCLOSED CAB)

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 10-41. BEACON OPTION HARNESS

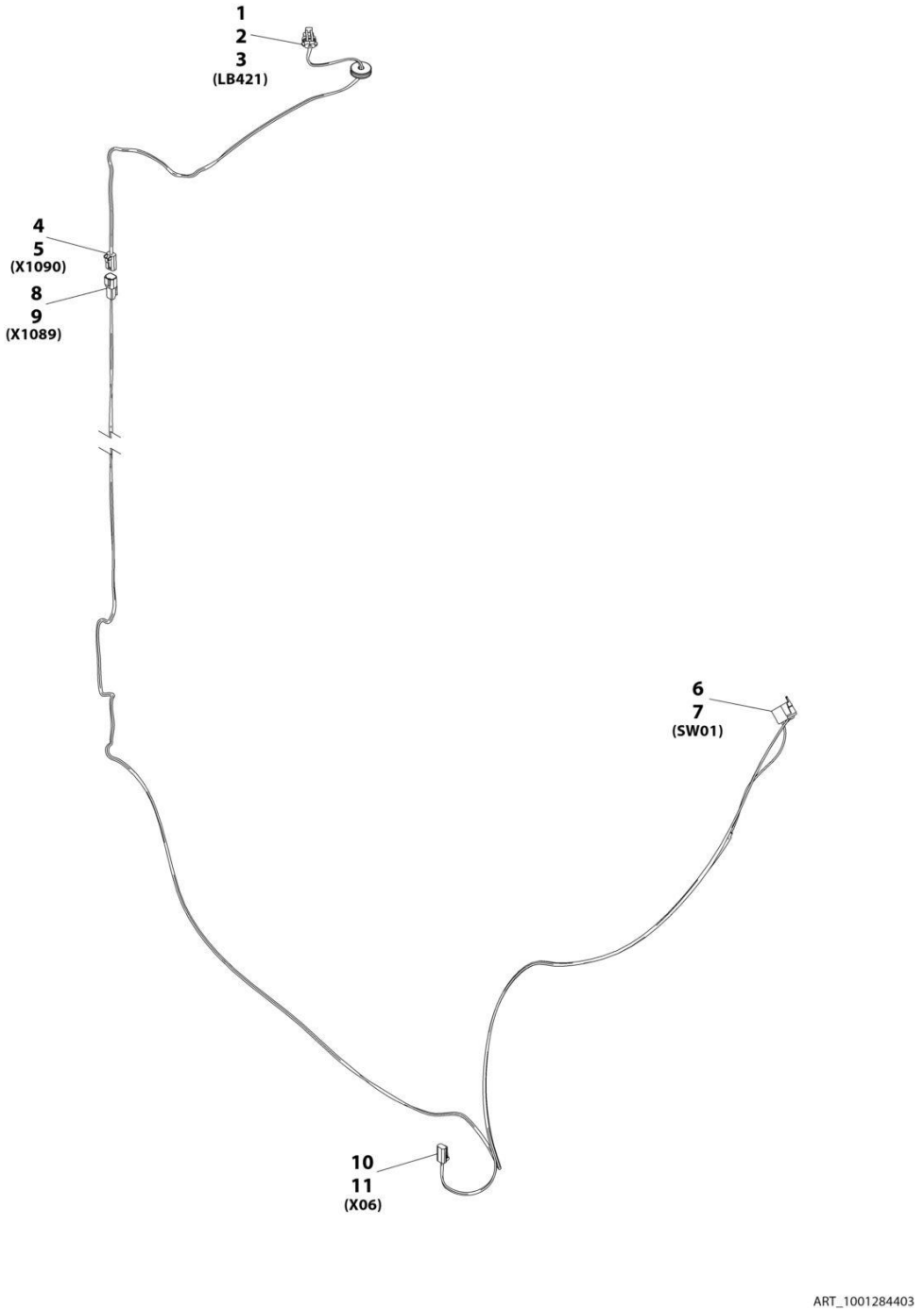


FIGURE 10-41. BEACON OPTION HARNESS

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 10-42. LIGHTS - BOOM WORK LIGHT HARNESS



FIGURE 10-42. 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 10-43. LIGHTS - LED WORK LIGHT PACKAGE INSTALLATION

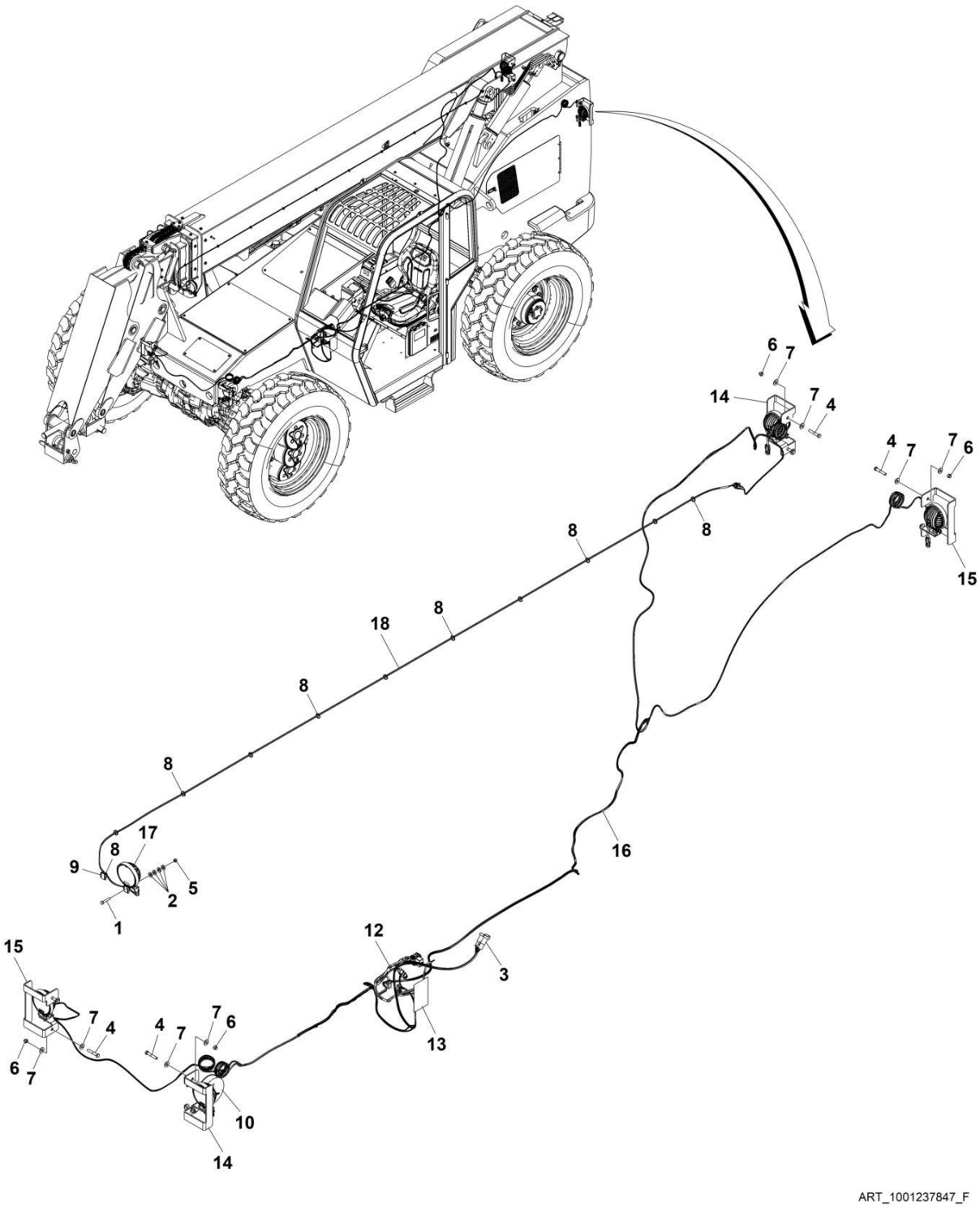


FIGURE 10-43. LIGHTS - LED WORK LIGHT PACKAGE INSTALLATION

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 10-44. LIGHTS - ROADLIGHT PACKAGE INSTALLATION

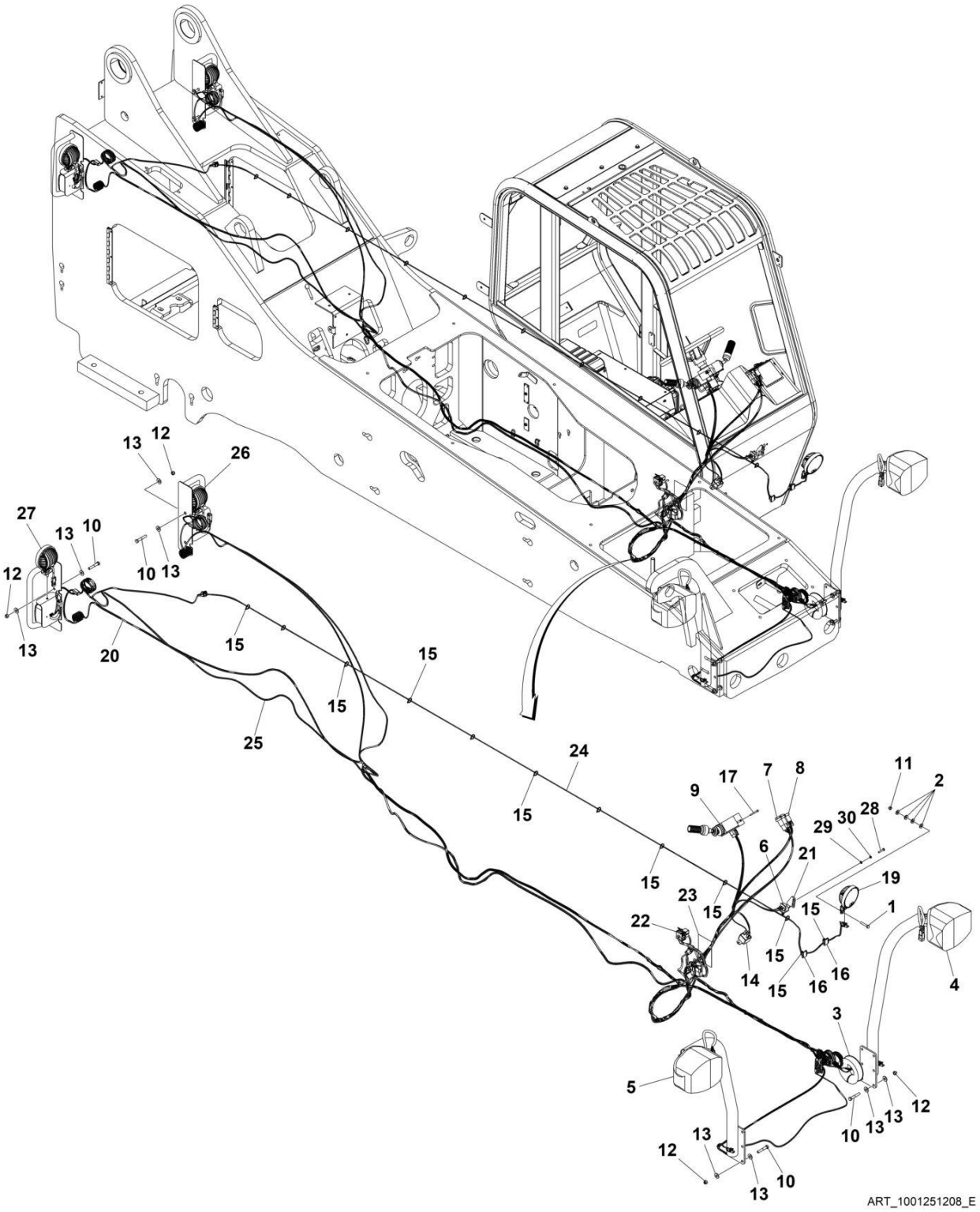


FIGURE 10-44. LIGHTS - ROADLIGHT PACKAGE INSTALLATION

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 10-45. LIGHTS - ROAD LIGHT ASSEMBLY (LH)

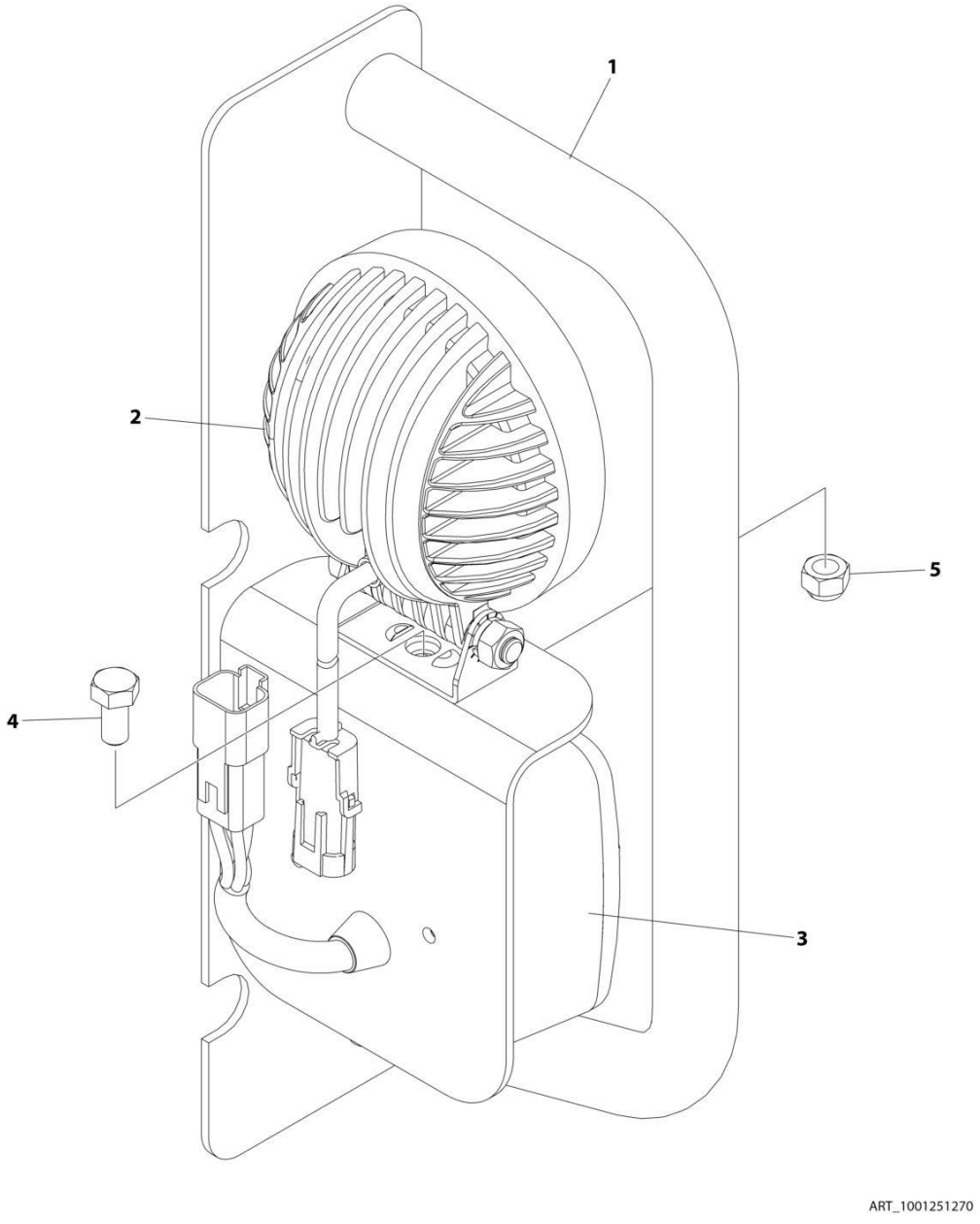


FIGURE 10-45. LIGHTS - ROAD LIGHT ASSEMBLY (LH)

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 10-46. LIGHTS - ROAD LIGHT ASSEMBLY (RH)

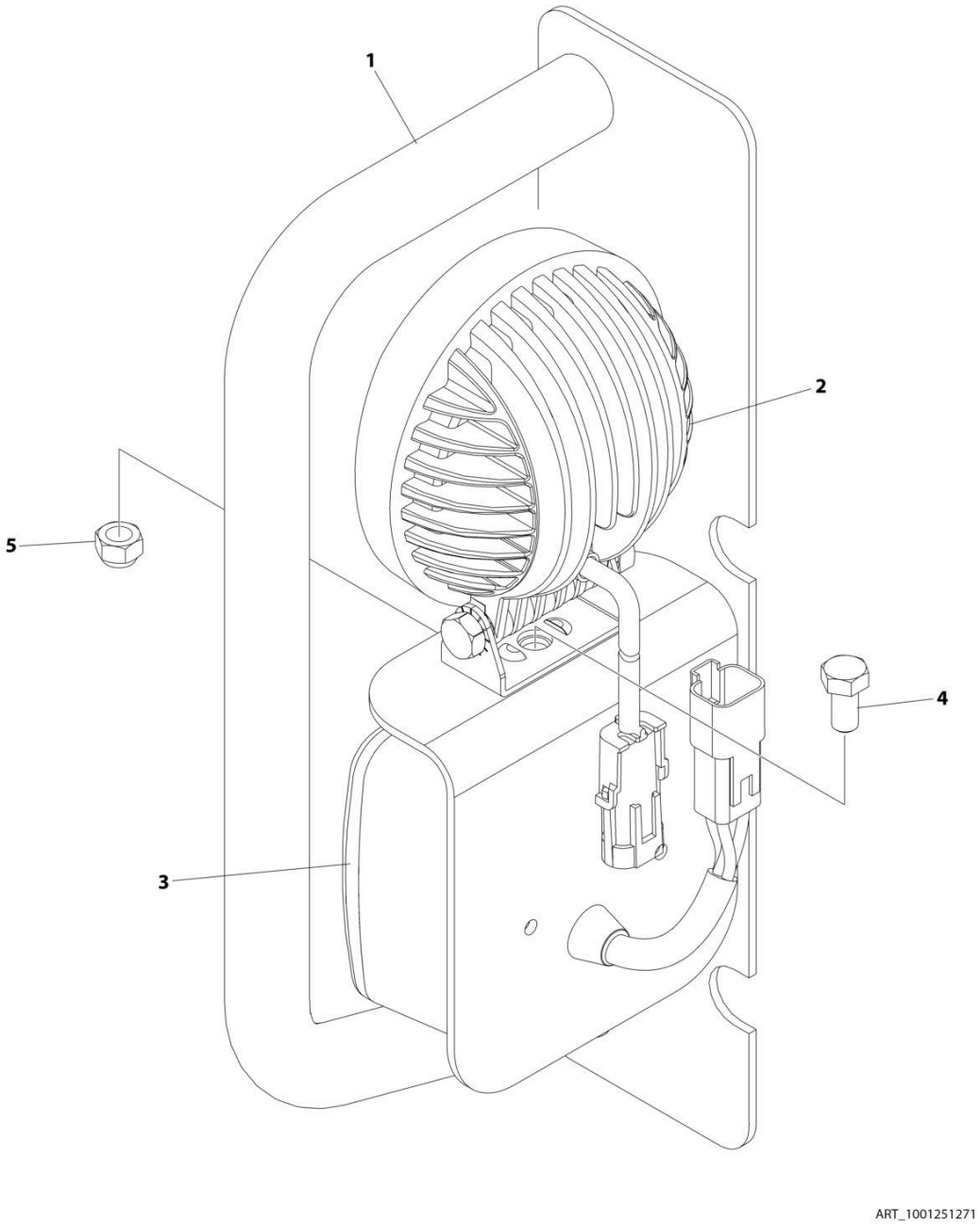


FIGURE 10-46. LIGHTS - ROAD LIGHT ASSEMBLY (RH)

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 10-47. LIGHTS - ROAD LIGHT BRACKET ASSEMBLY (LH)

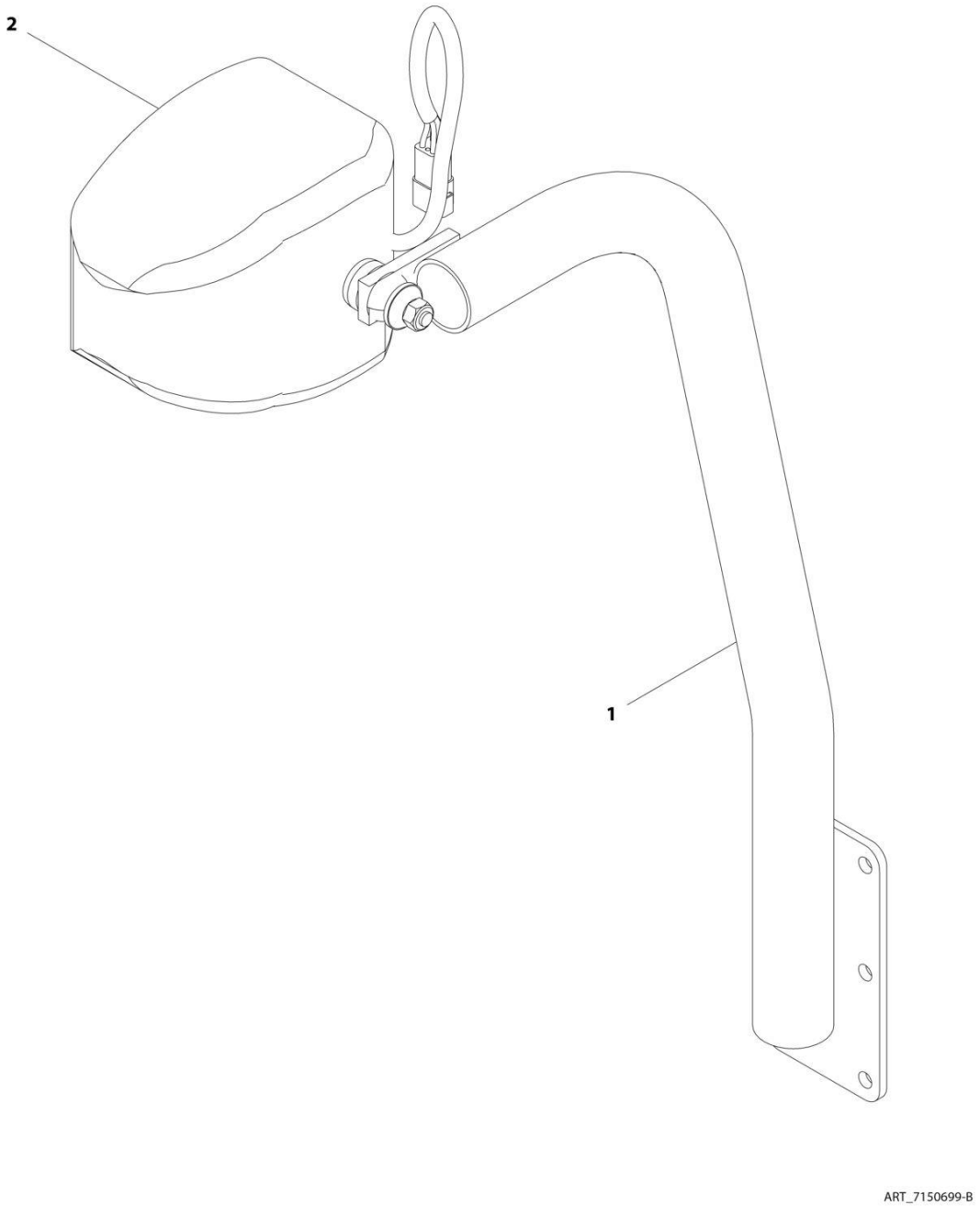


FIGURE 10-47. LIGHTS - ROAD LIGHT BRACKET ASSEMBLY (LH)

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 10-48. LIGHTS - ROAD LIGHT BRACKET ASSEMBLY (RH)

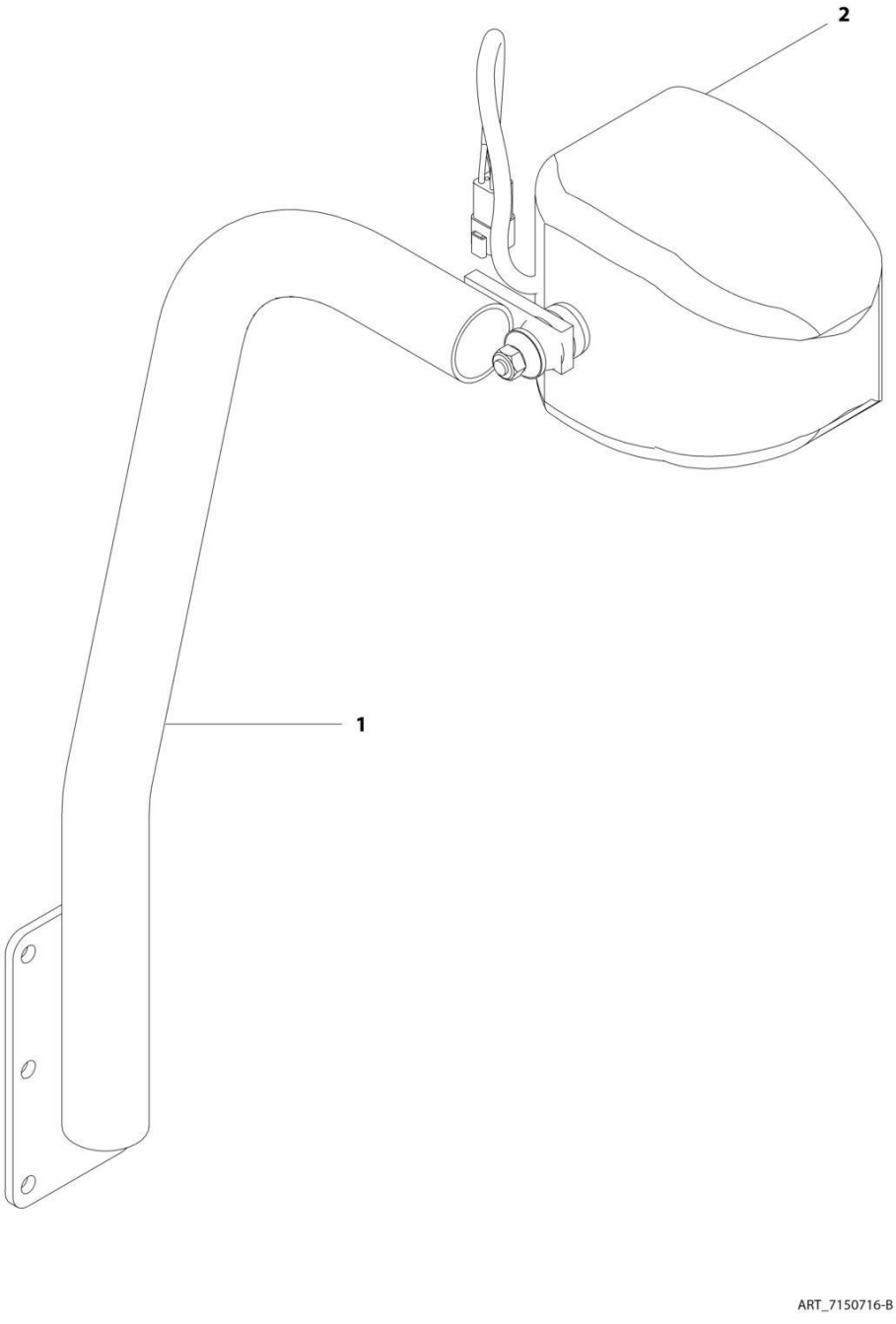


FIGURE 10-48. LIGHTS - ROAD LIGHT BRACKET ASSEMBLY (RH)

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 10-49. LIGHTS - ROAD LIGHT WORK LIGHT HARNESS

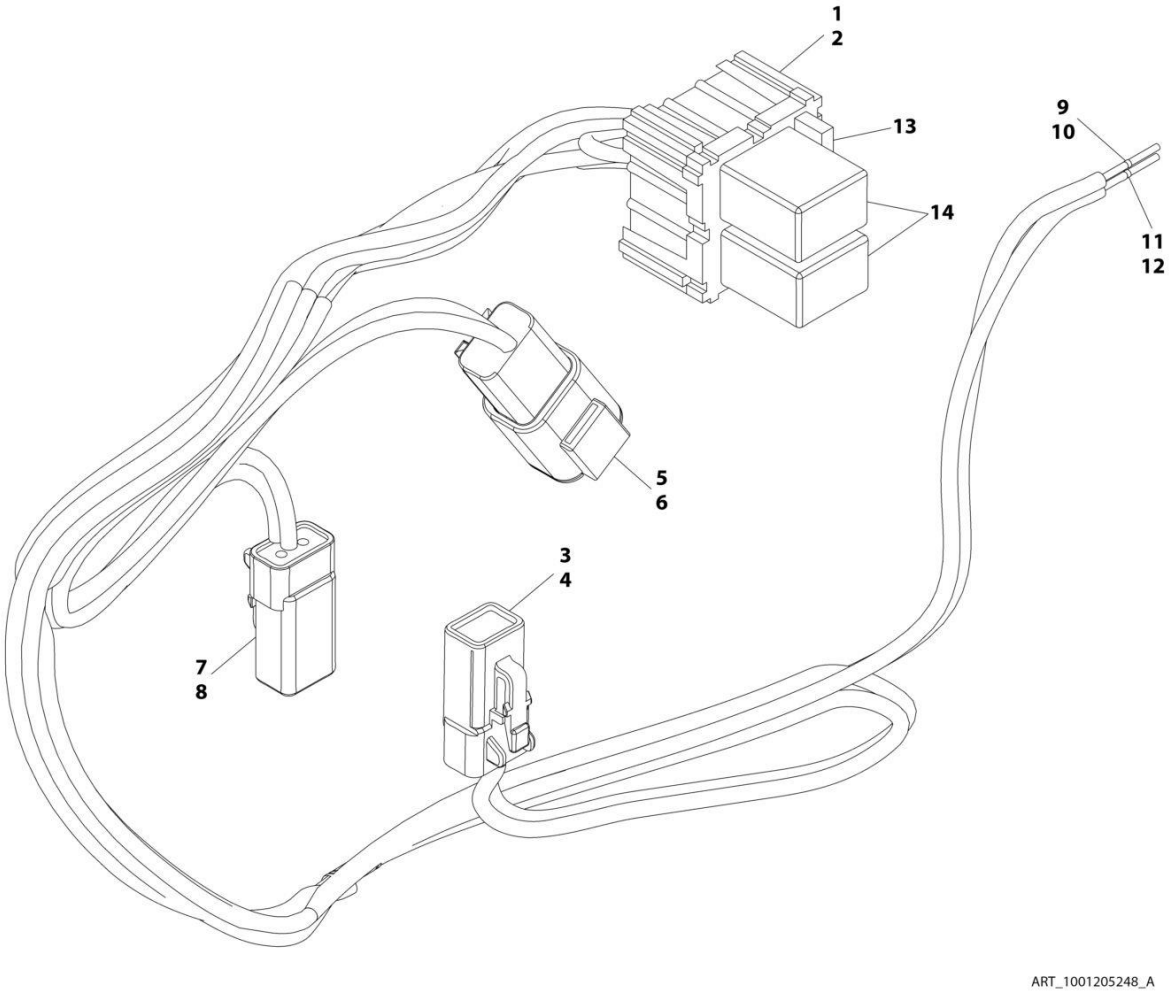


FIGURE 10-49. LIGHTS - ROAD LIGHT WORK LIGHT HARNESS

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 10-50. LIGHTS - WORK LIGHT OPTIONS HARNESS

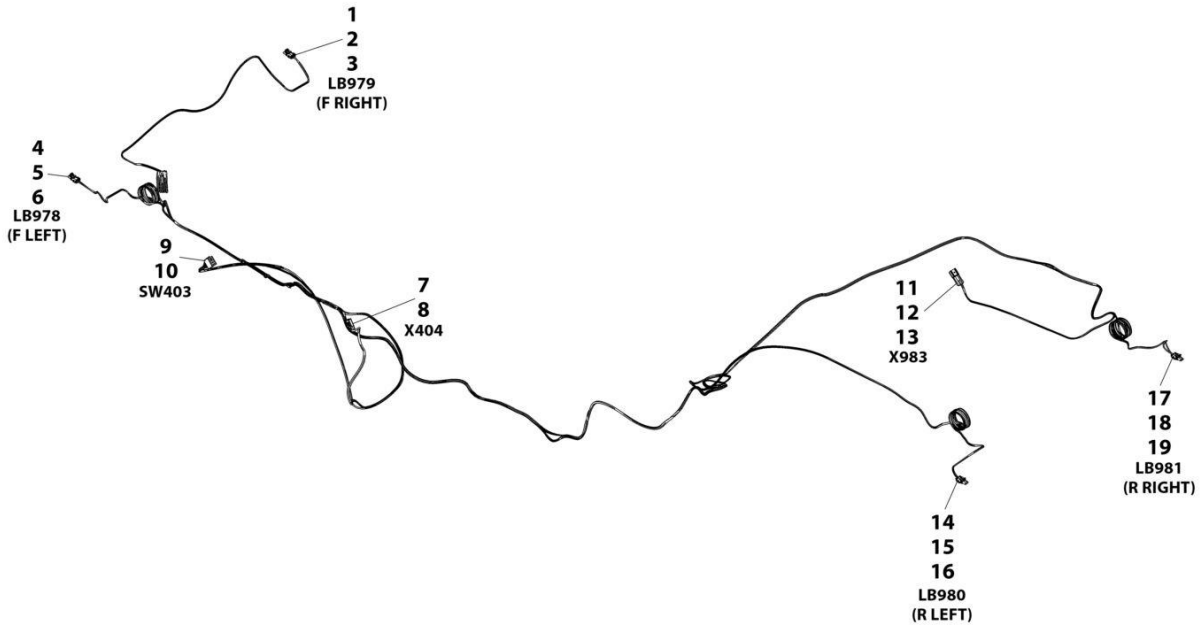


FIGURE 10-50. LIGHTS - WORK LIGHT OPTIONS HARNESS

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 10-51. LIGHTS - WORK LIGHT ASSEMBLY - LED (LH)

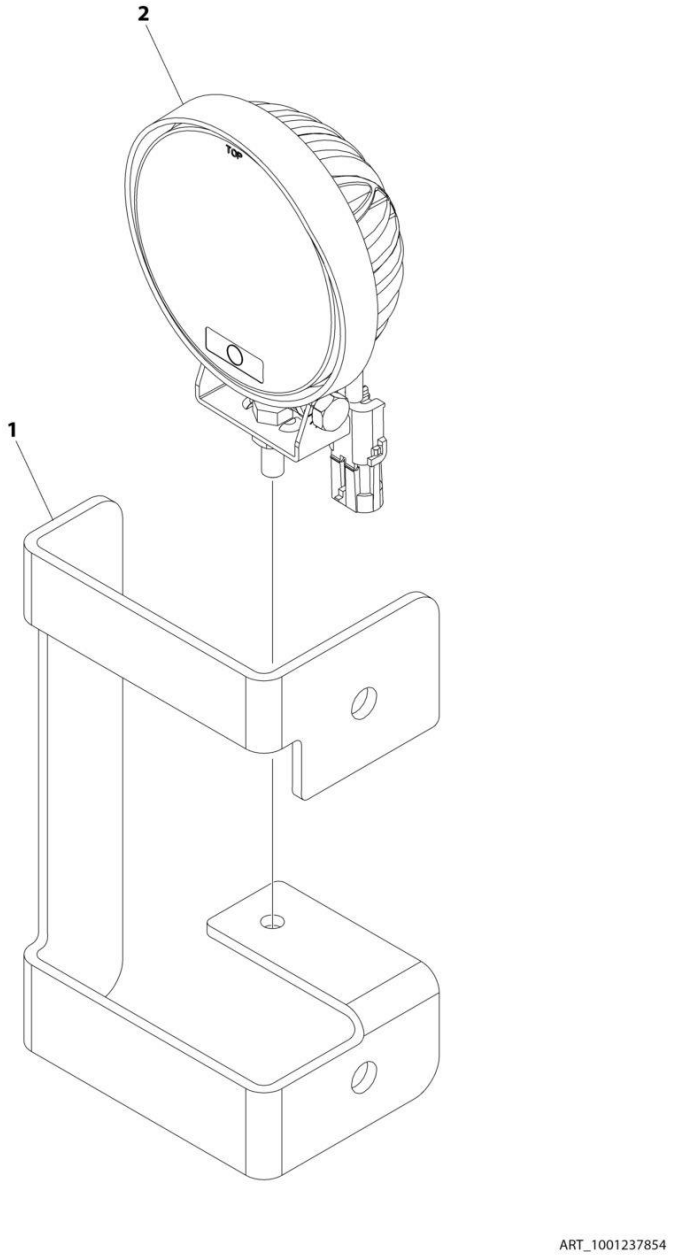
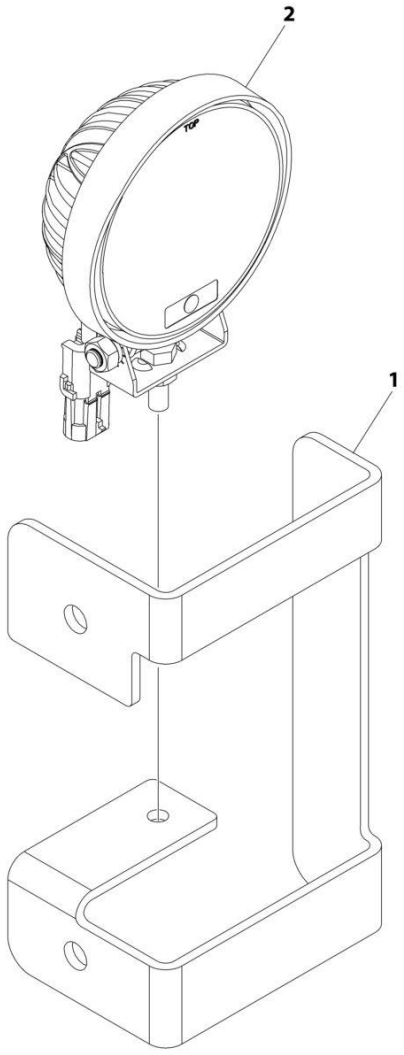


FIGURE 10-51. LIGHTS - WORK LIGHT ASSEMBLY - LED (LH)

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 10-52. LIGHTS - WORK LIGHT ASSEMBLY - LED (RH)



ART_1001237853

FIGURE 10-52. 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 10-53. LOGIC HARNESS (10054)

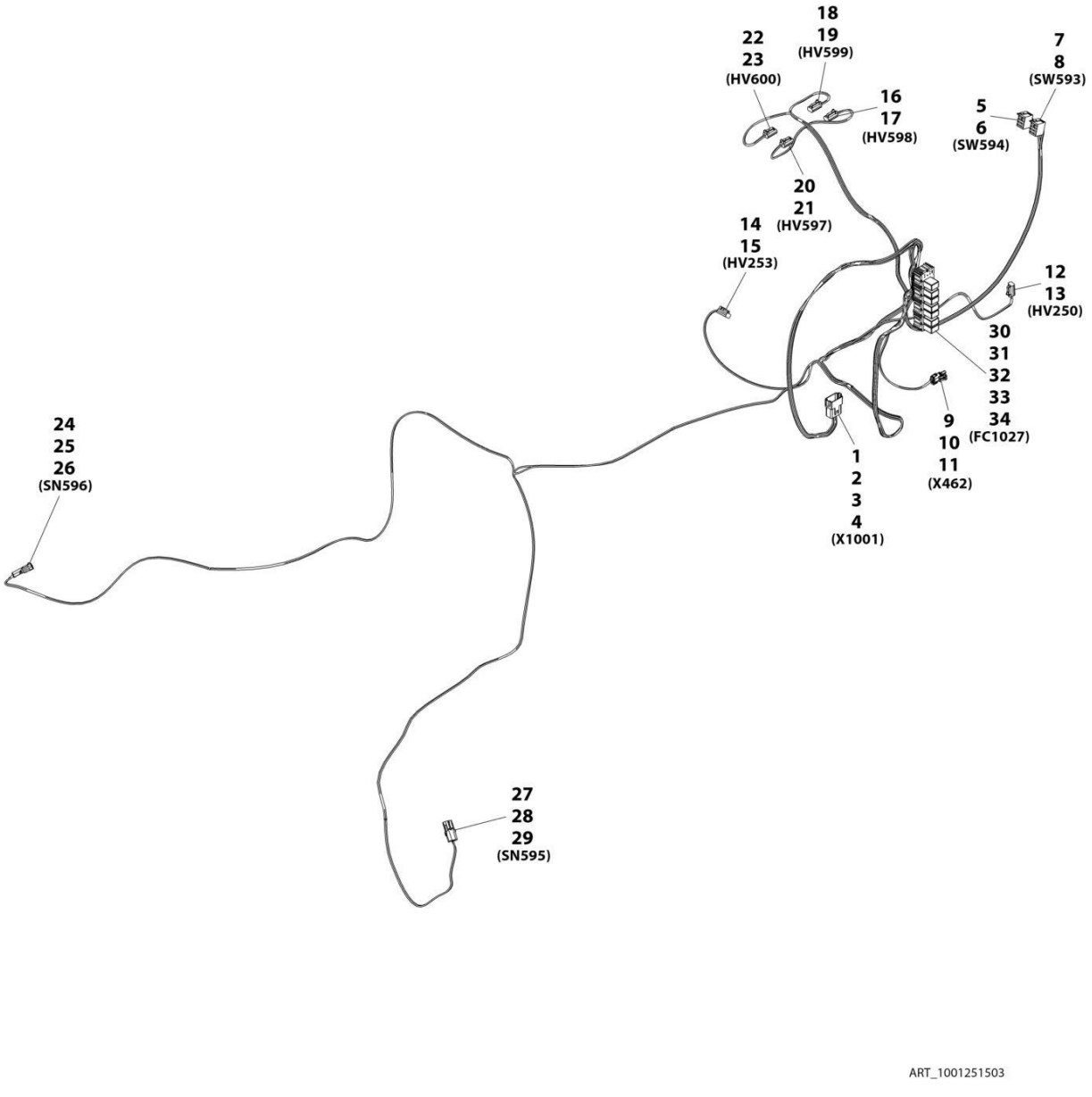


FIGURE 10-53. LOGIC HARNESS (10054)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251503	Ref	Logic Harness	D
1	4460970	1	Connector	
2	4460941	3	Terminal	
3	4460464	5	Terminal	
4	4460466	4	Plug	
5	8220904	1	Connector	
6	1001116720	3	Terminal	
7	8820904	1	Connector	
8	1001116720	3	Terminal	
9	4460742	1	Connector	
10	4460457	2	Terminal	
11	4460458	2	Seal	
12	4460891	1	Connector	
13	4460465	2	Terminal	
14	4460891	1	Connector	
15	4460465	2	Terminal	
16	4460891	1	Connector	
17	4460465	2	Terminal	
18	4460891	1	Connector	
19	4460465	2	Terminal	
20	4460891	1	Connector	
21	4460465	2	Terminal	
22	4460891	1	Connector	
23	4460465	2	Terminal	
24	4461157	1	Connector	
25	4460475	2	Terminal	
26	4460458	2	Seal	
27	4461157	1	Connector	
28	4460475	2	Terminal	
29	4460458	2	Seal	
30	4461103	8	Relay, Locking Wedge	
31	8229243	2	Fuse, 7.5 AMP Mini	
32	1001177198	4	Electric Assembly	
33	1001200845	1	Mounting Leg	
34	1001205172	7	Relay	

FIGURE 10-54. RELAY PANEL INSTALLATION

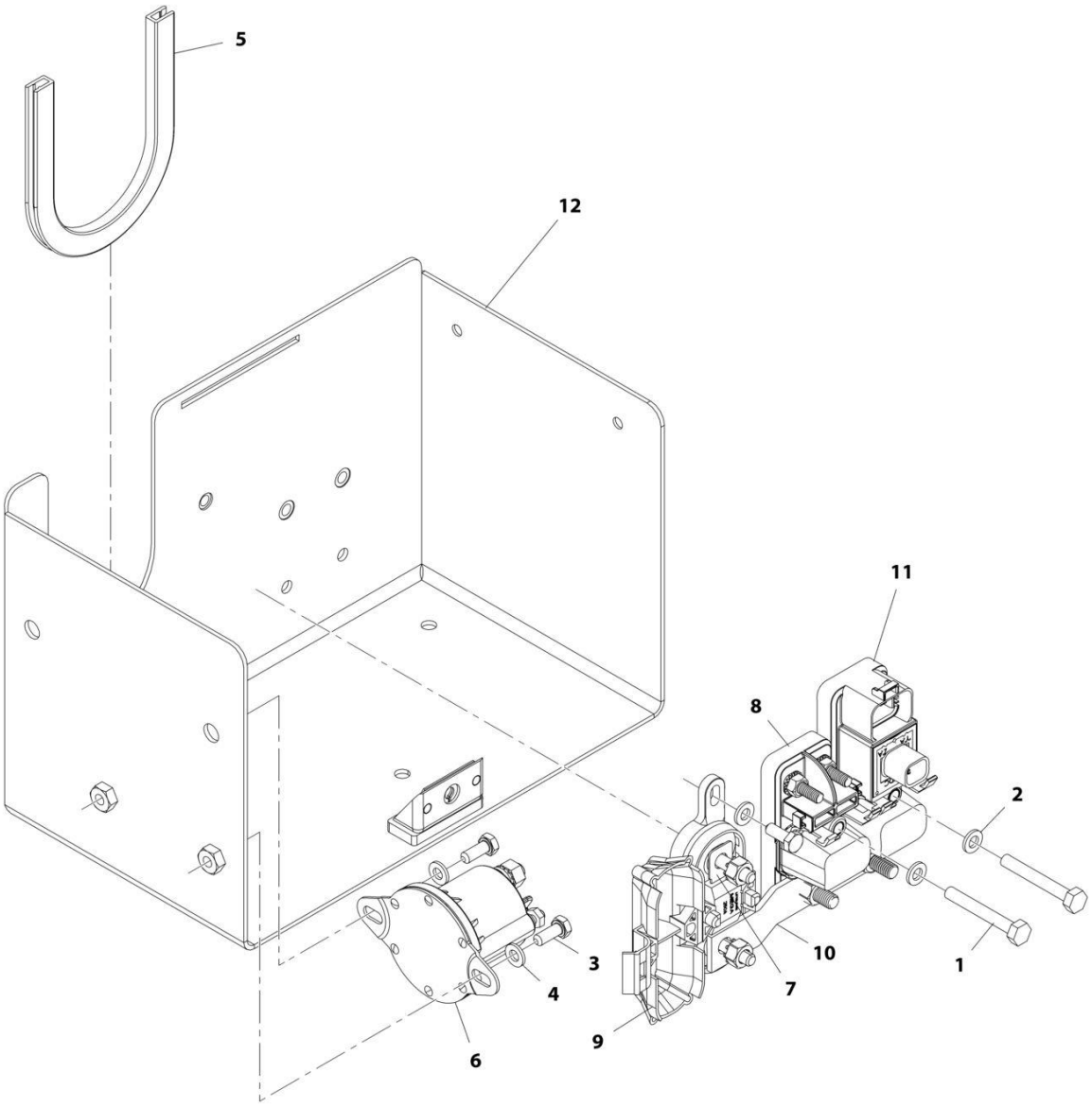


FIGURE 10-54. RELAY PANEL INSTALLATION

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 10-55. RELAY PANEL COVER INSTALLATION

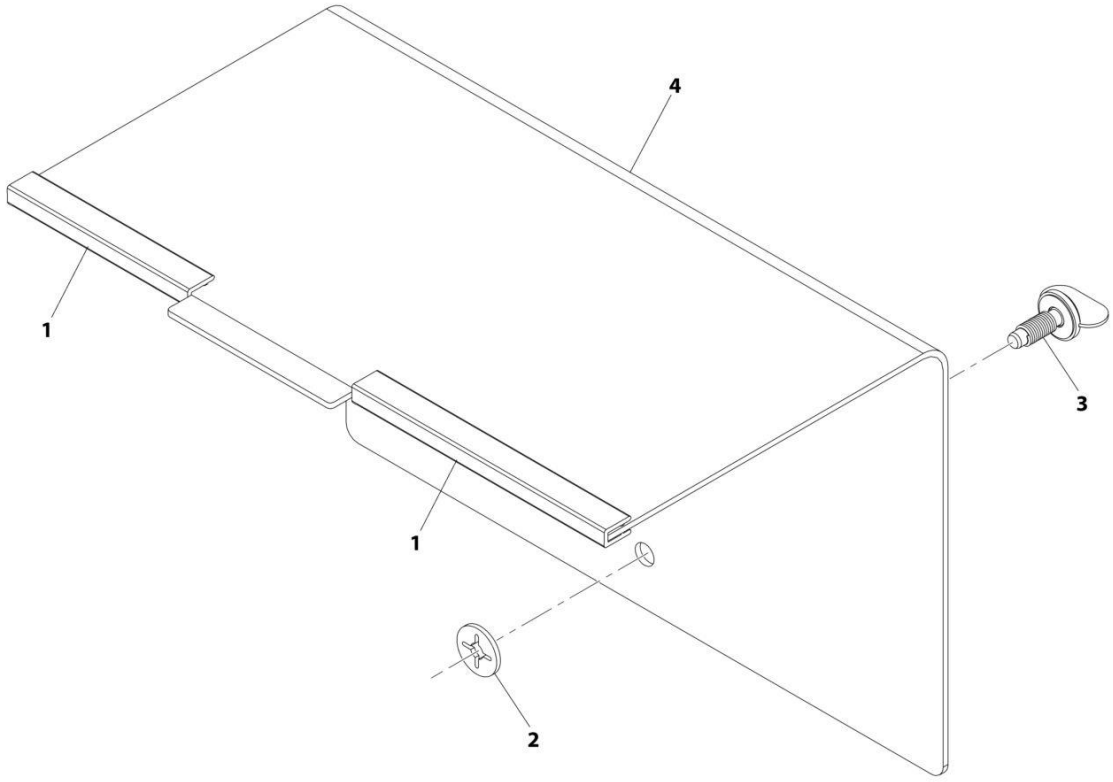


FIGURE 10-55. RELAY PANEL COVER INSTALLATION

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 10-56. REVERSE SENSING SYSTEM INSTALLATION

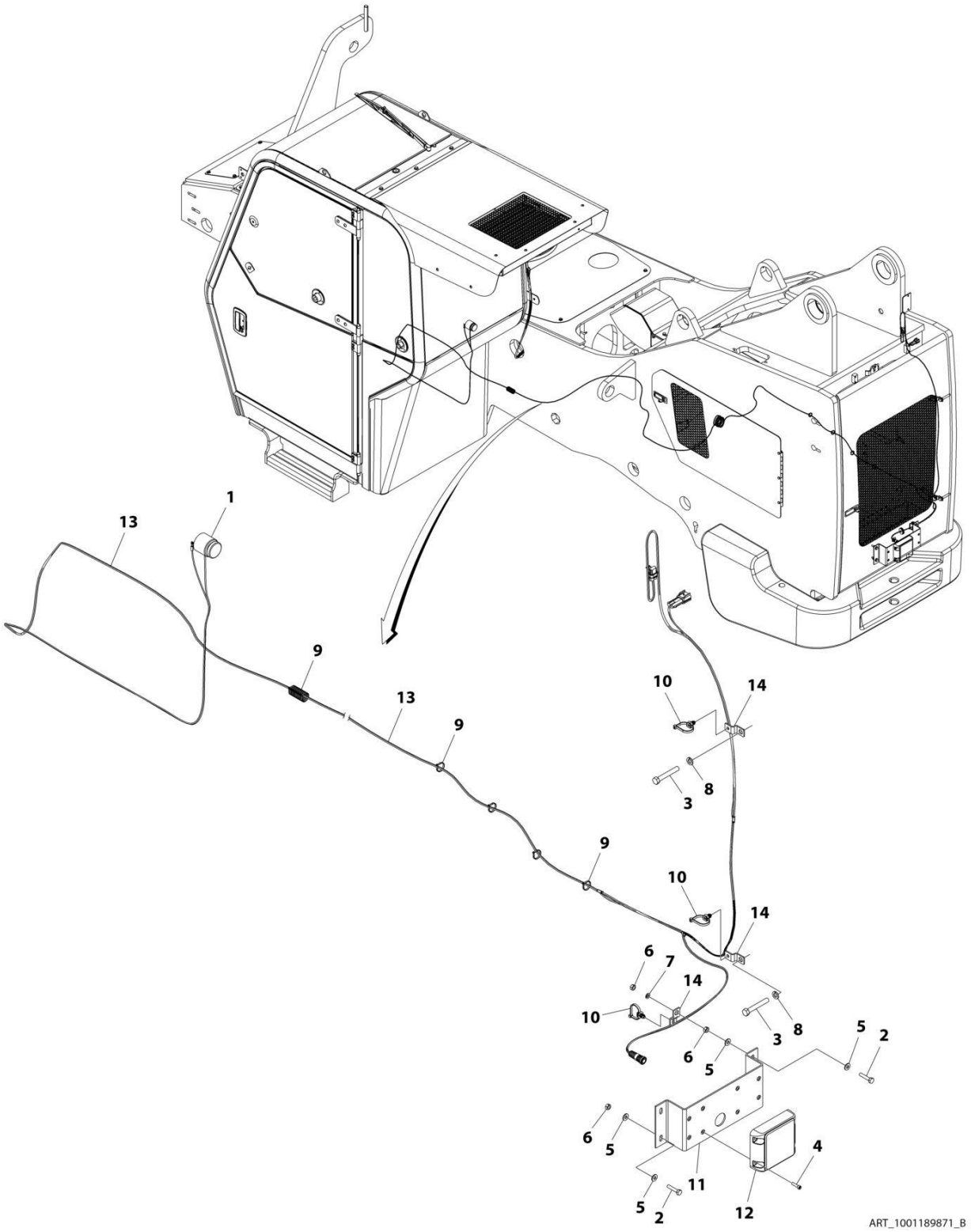


FIGURE 10-56. REVERSE SENSING SYSTEM INSTALLATION

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 10-57. REVERSE SENSING HARNESS

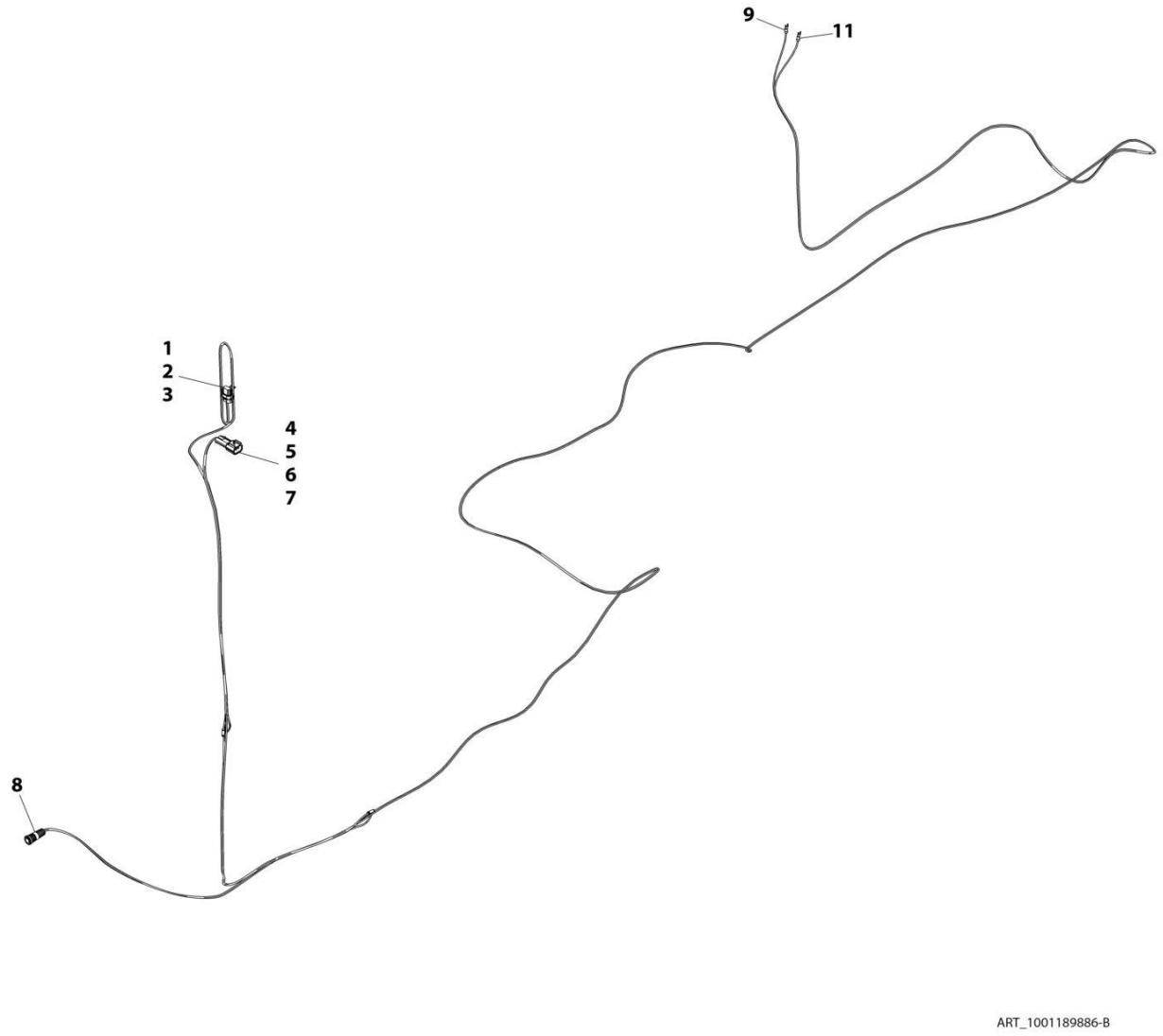


FIGURE 10-57. REVERSE SENSING HARNESS

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 10-58. ROAD LIGHT OPTION HARNESS

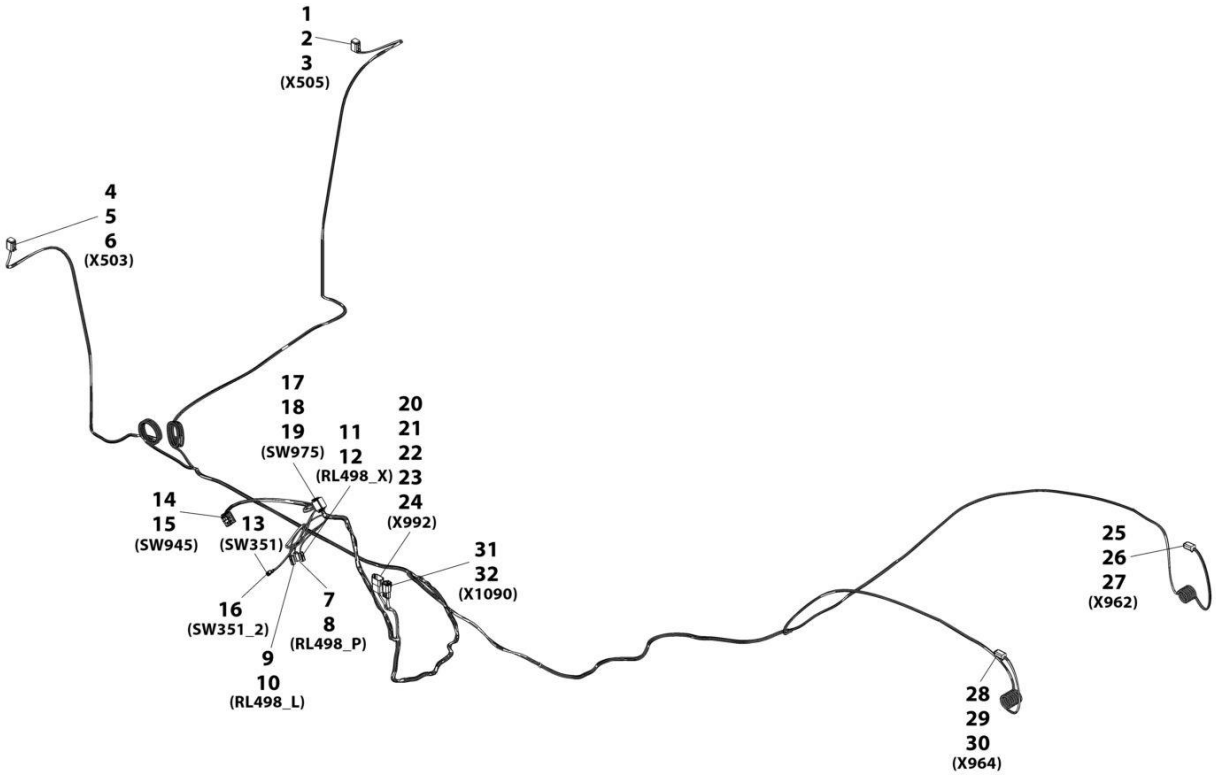


FIGURE 10-58. ROAD LIGHT OPTION HARNESS

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 10-59. SEAT BELT ALARM HARNESS

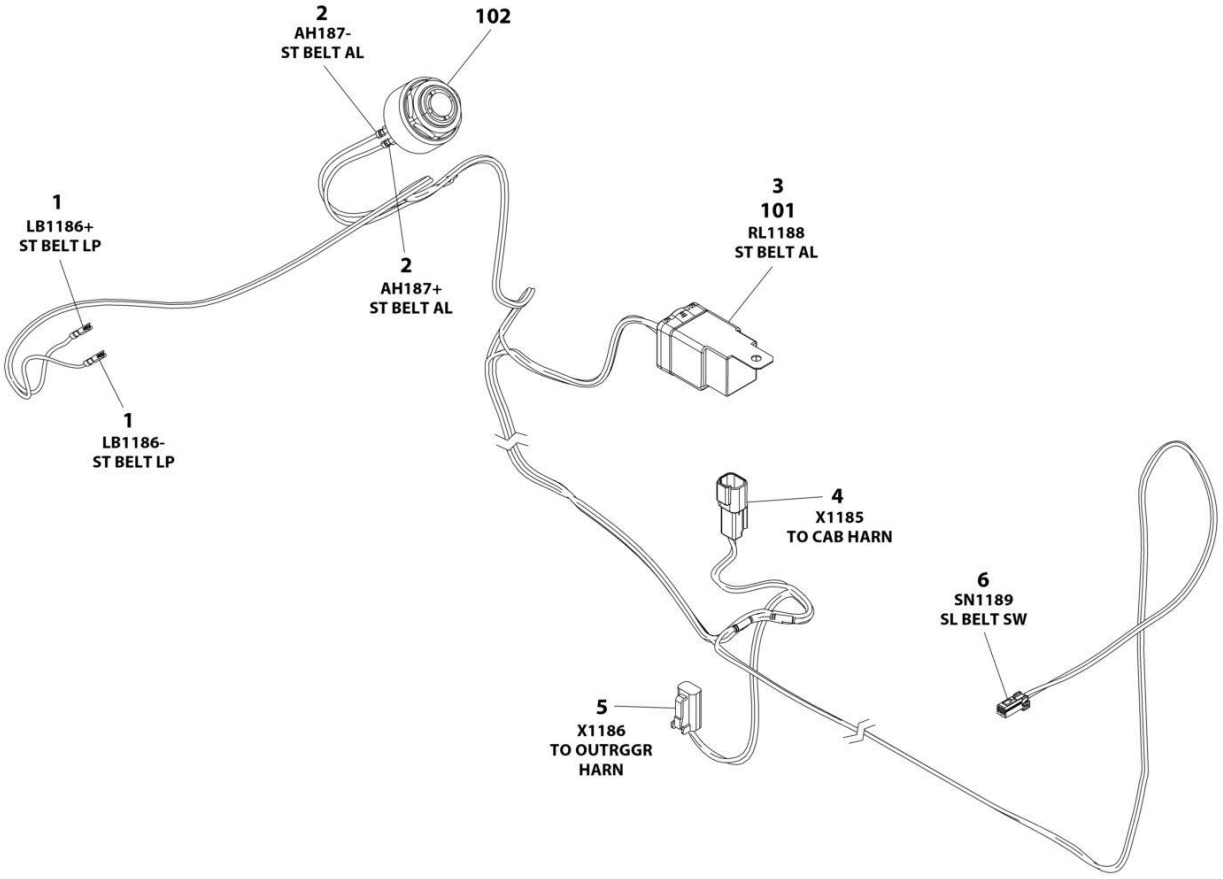


FIGURE 10-59. SEAT BELT ALARM HARNESS

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	

FIGURE 10-60. TANK BLANKET INSTALLATION

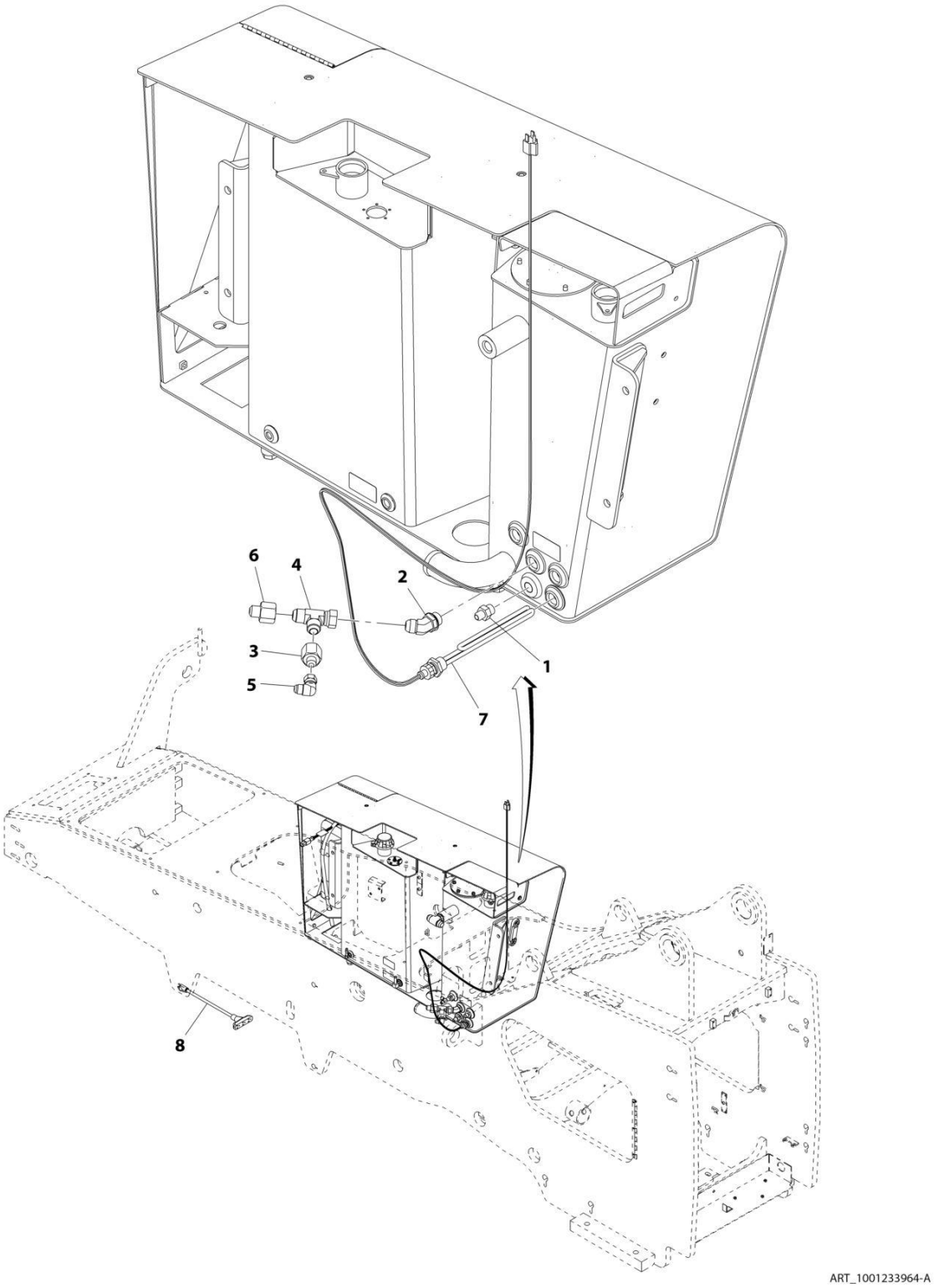


FIGURE 10-60. TANK BLANKET INSTALLATION

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 10-61. TBAP HARNESS

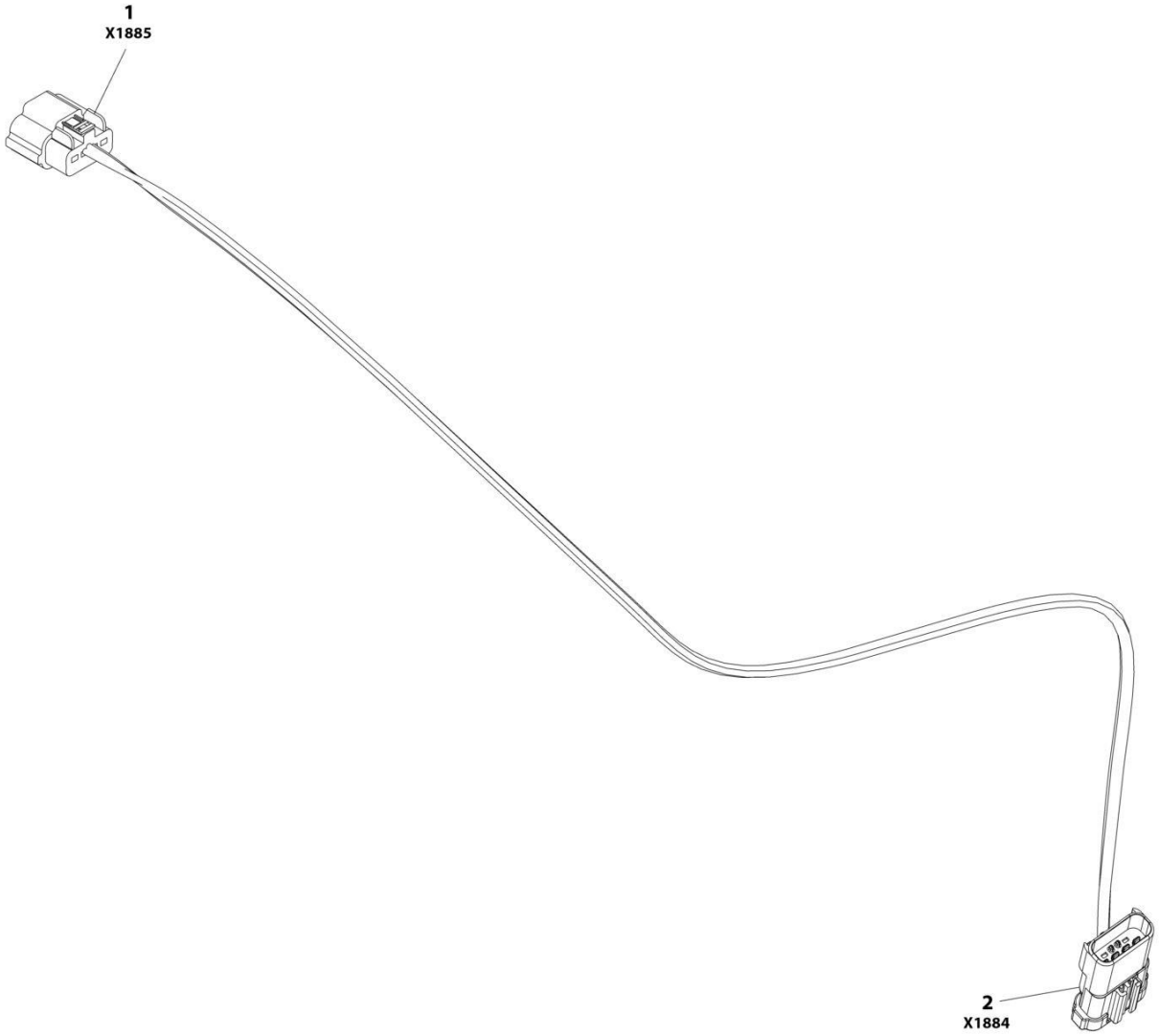


FIGURE 10-61. TBAP HARNESS

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 10-62. WIPER HARNESS

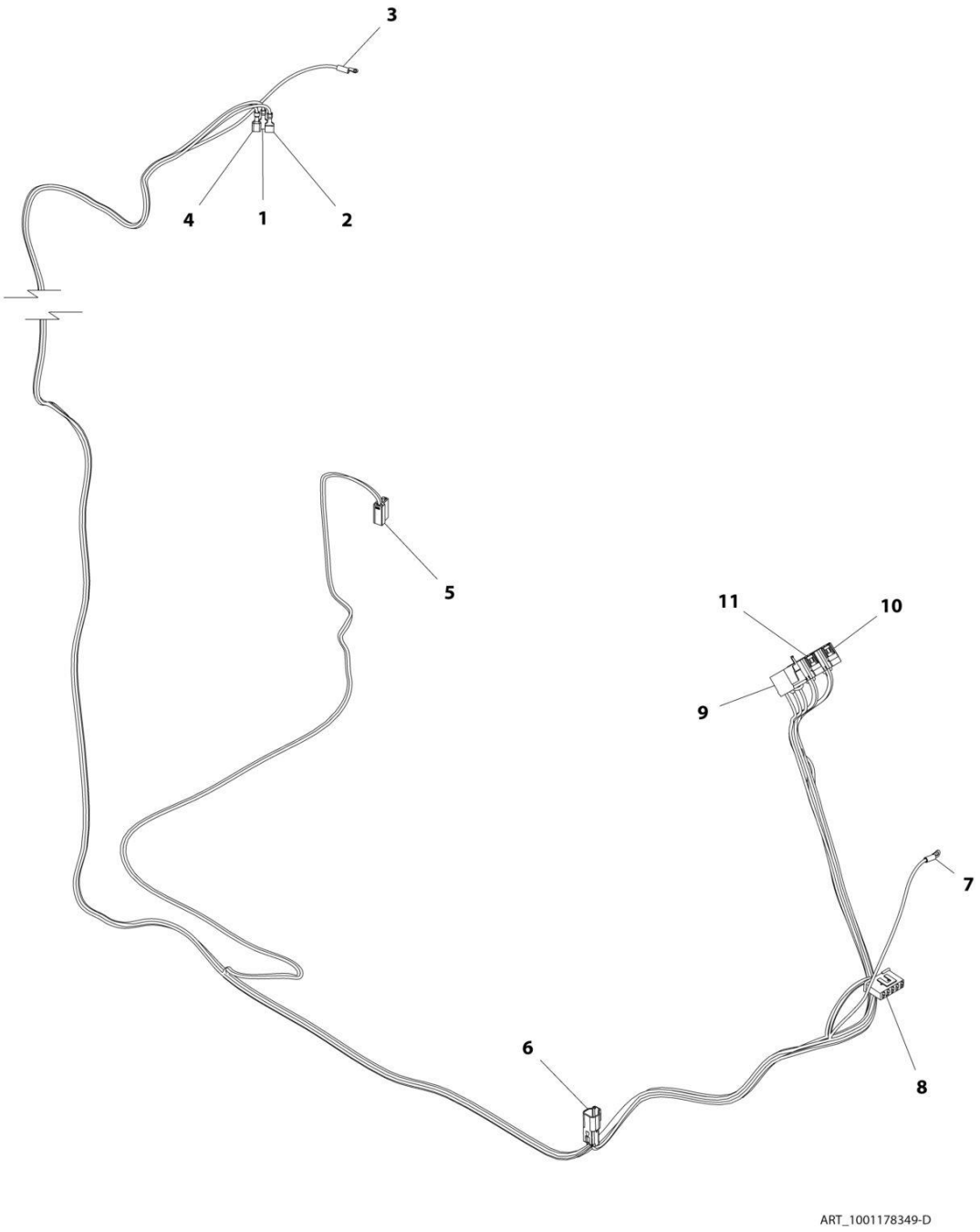


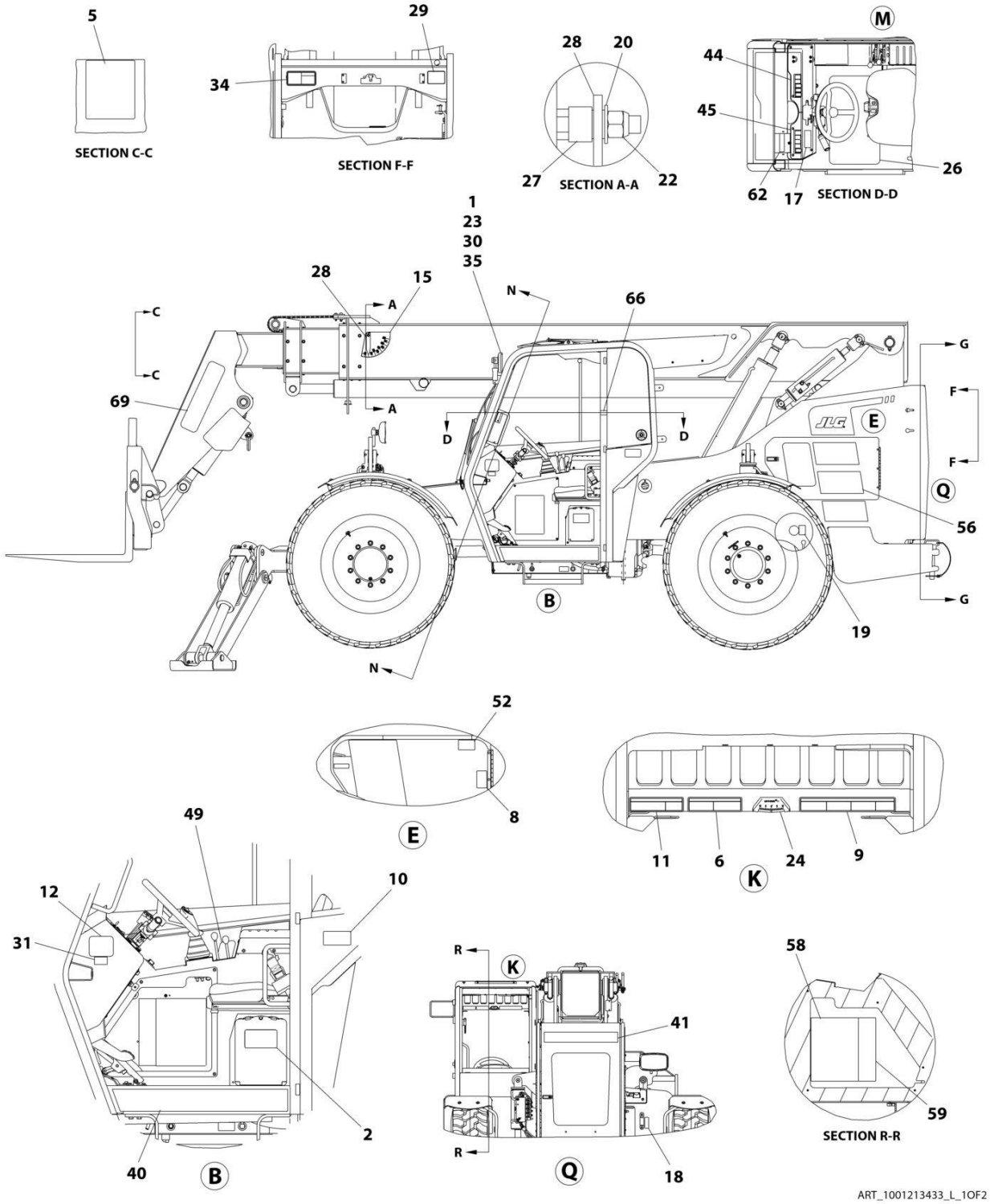
FIGURE 10-62. WIPER HARNESS

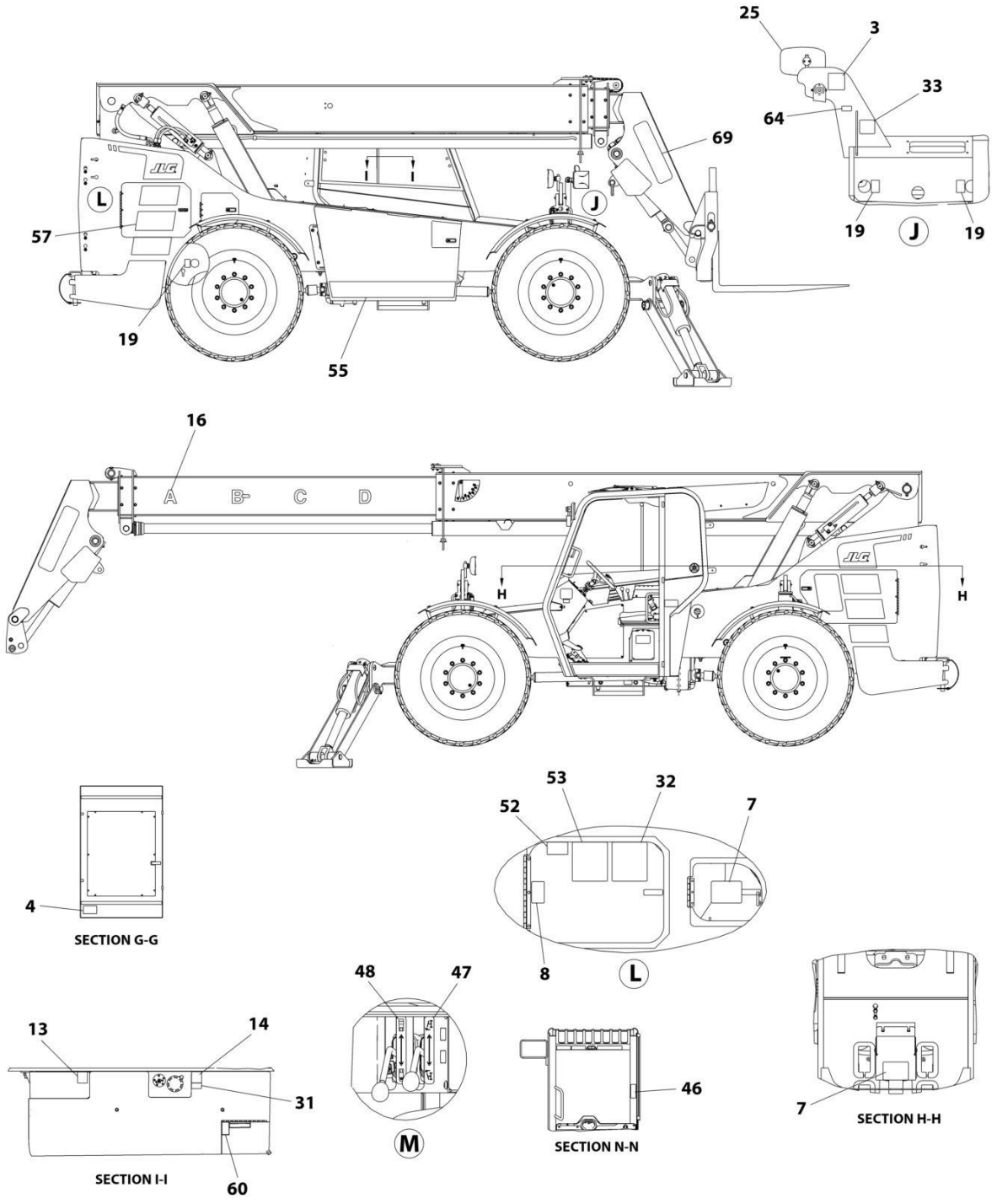
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178349	Ref	Wiper Harness	D
1	8220051	1	Terminal	
2	8220051	1	Terminal	
3	8220035	1	Terminal, Ring	
4	8220051	1	Terminal	
5	4460994	1	Housing, Terminal	
	1001169816	2	Terminal	
6	4460897	1	Connector	
	80604017	1	Lock, Wedge	
	4460464	2	Terminal	
7	8220007	1	Terminal, 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	

SECTION 11 - DECALS

SECTION 11 - DECALS

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





ART_1001213433_L_2OF2

SECTION 11 - DECALS

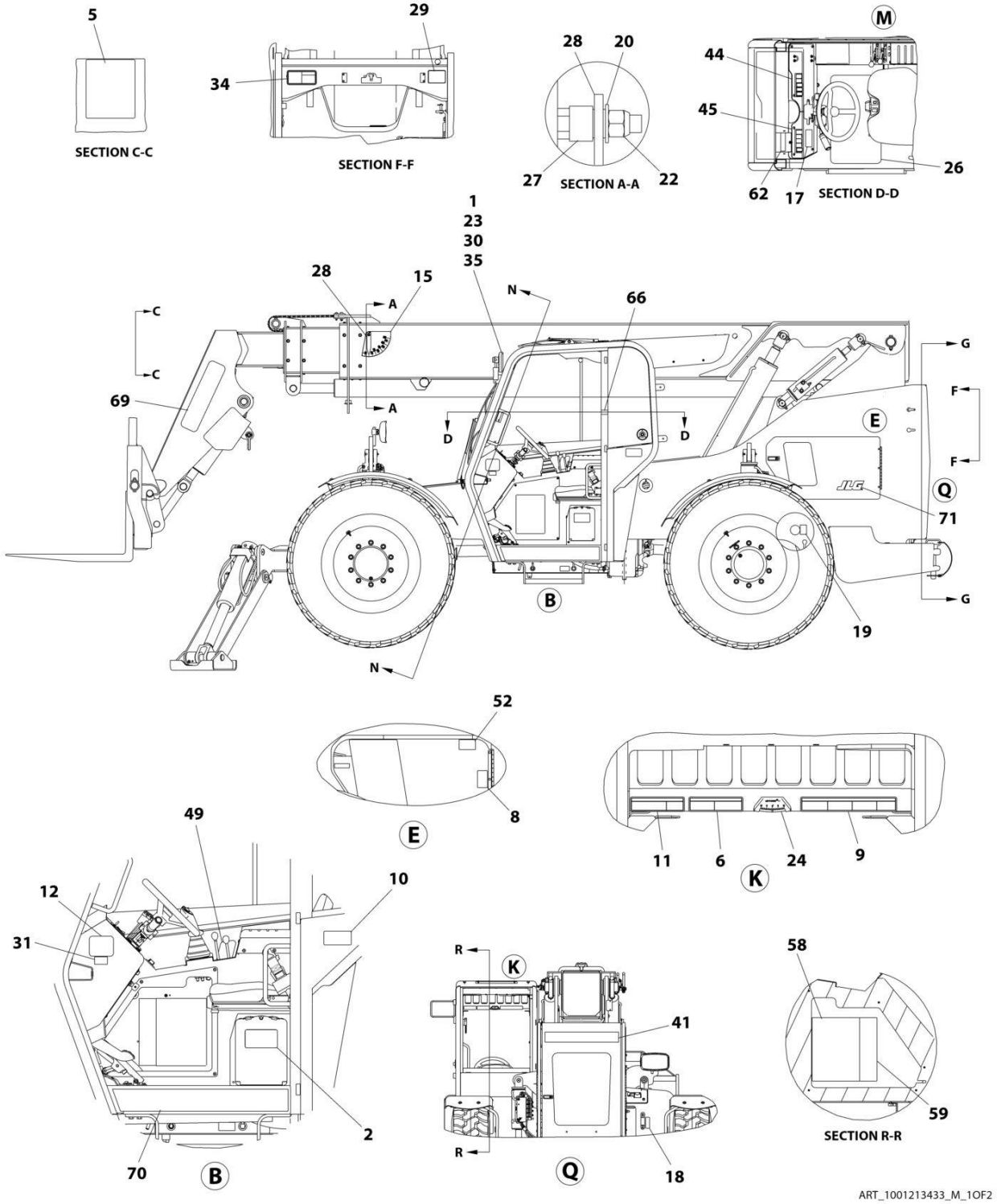
FIGURE 11-1. DECALS INSTALLATION - 74HP (ANSI SPECS)

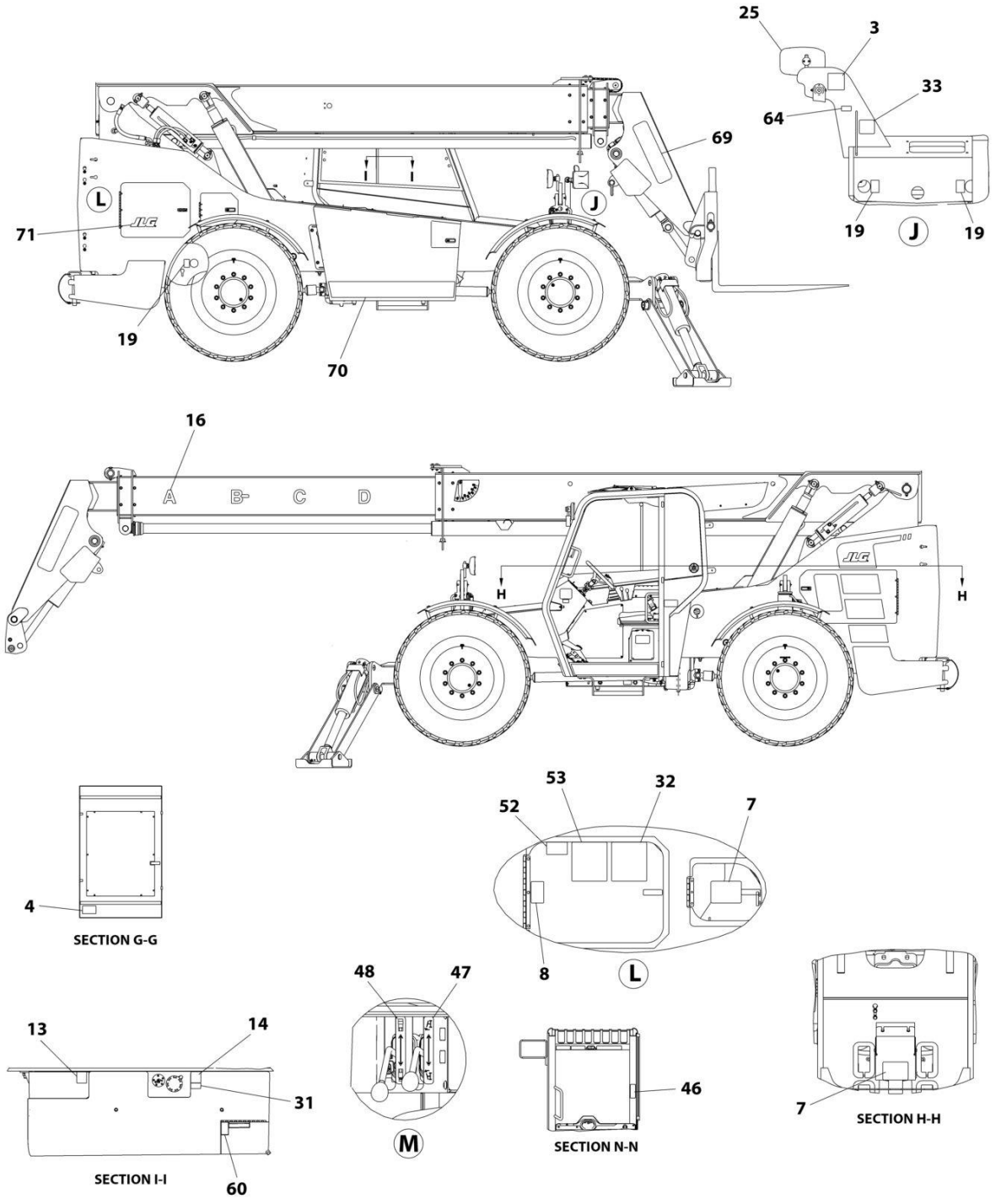
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213433	Ref	DECALS INSTALLATION - 74HP (ANSI SPECS)	L
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1706296	1	Decal, Battery Warning (ANSI)	
5	1706298	1	Decal, Carry Personnel	
6	1706299	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	
17	4107971	1	Decal, Outrigger Contact (10042,10054)	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer 3/8	
22	8305645	1	Locknut 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, Book Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001125387	2	Decal, Ultra Low Sulfur Fuel	
32	1001191996	1	Decal, Lubrication Chart (10054)	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001139578	1	Decal, Hot Fluid Warning	
35	1001148177	1	Mirror, Rectangular	
40	1001259302	1	Decal, Cab Side	
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	
49	1001162737	1	Decal, Outrigger Control (10042,10054)	
52	1001202626	2	Decal, 74HP	
53	1001202627	1	Decal, Maintenance Chart	
55	1001259303	1	Decal, Tank Side	
56	1001259305	1	Decal, Left Side Stripe	
57	1001259306	1	Decal, Right Side Stripe	
58	1001189327	1	Decal, Main Fuse Panel	
59	1001189328	1	Decal, Fuse Panel	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
60	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	1001263589	2	Decal, Model Boom Head	

SECTION 11 - DECALS

FIGURE 11-2. DECALS INSTALLATION - 74HP (ANSI SPECS) (SN 0160123816 through 0160123738, SN 0160123751 through 0160123753, SN 0160123775 through 0160123776, SN 0160123778 through 0160123808, Including 0160123764 and 0160123767)





ART_1001213433_M_2OF2

SECTION 11 - DECALS

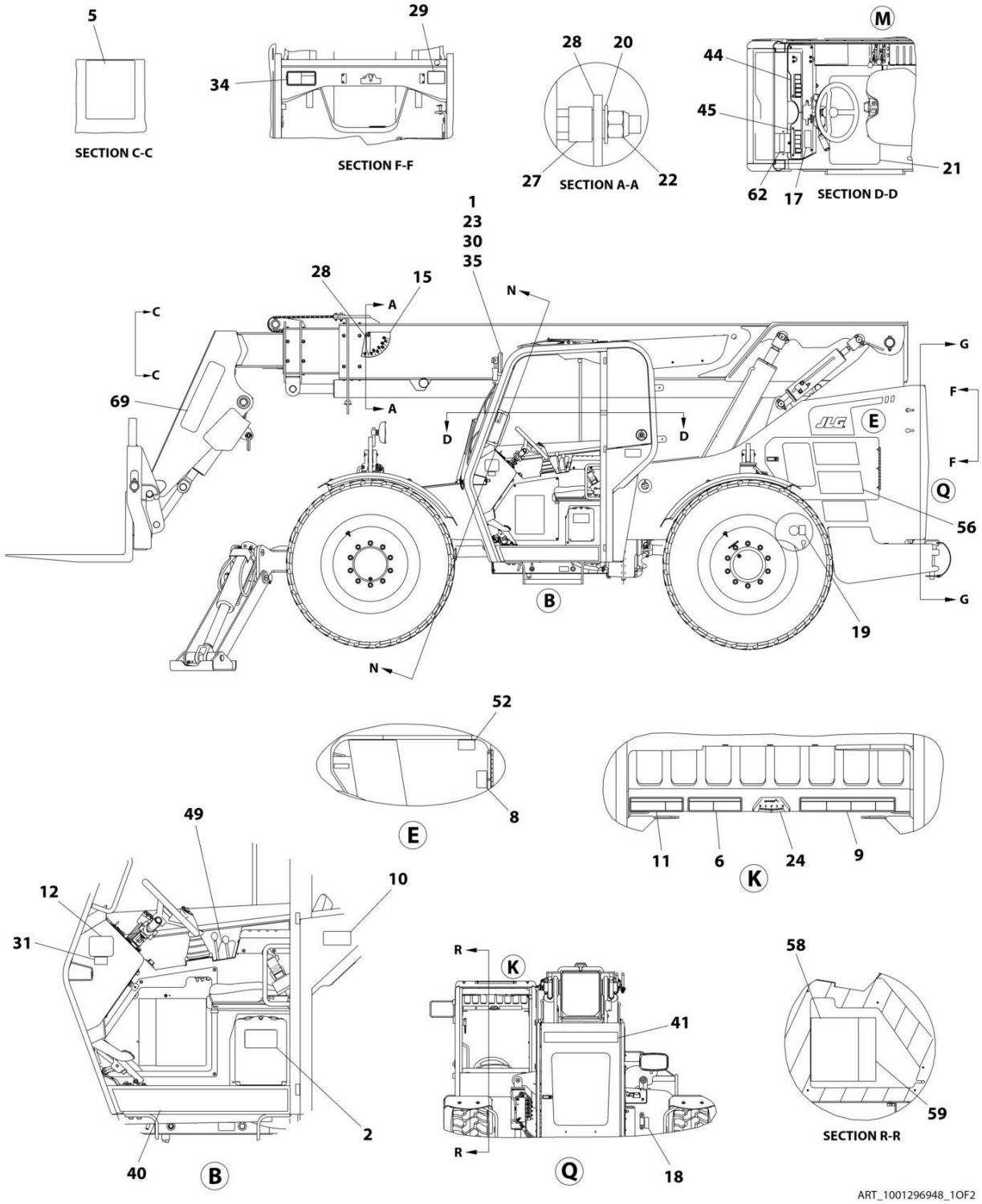
FIGURE 11-2. DECALS INSTALLATION - 74HP (ANSI SPECS) (SN 0160123816 through 0160123738, SN 0160123751 through 0160123753, SN 0160123775 through 0160123776, SN 0160123778 through 0160123808, Including 0160123764 and 0160123767)

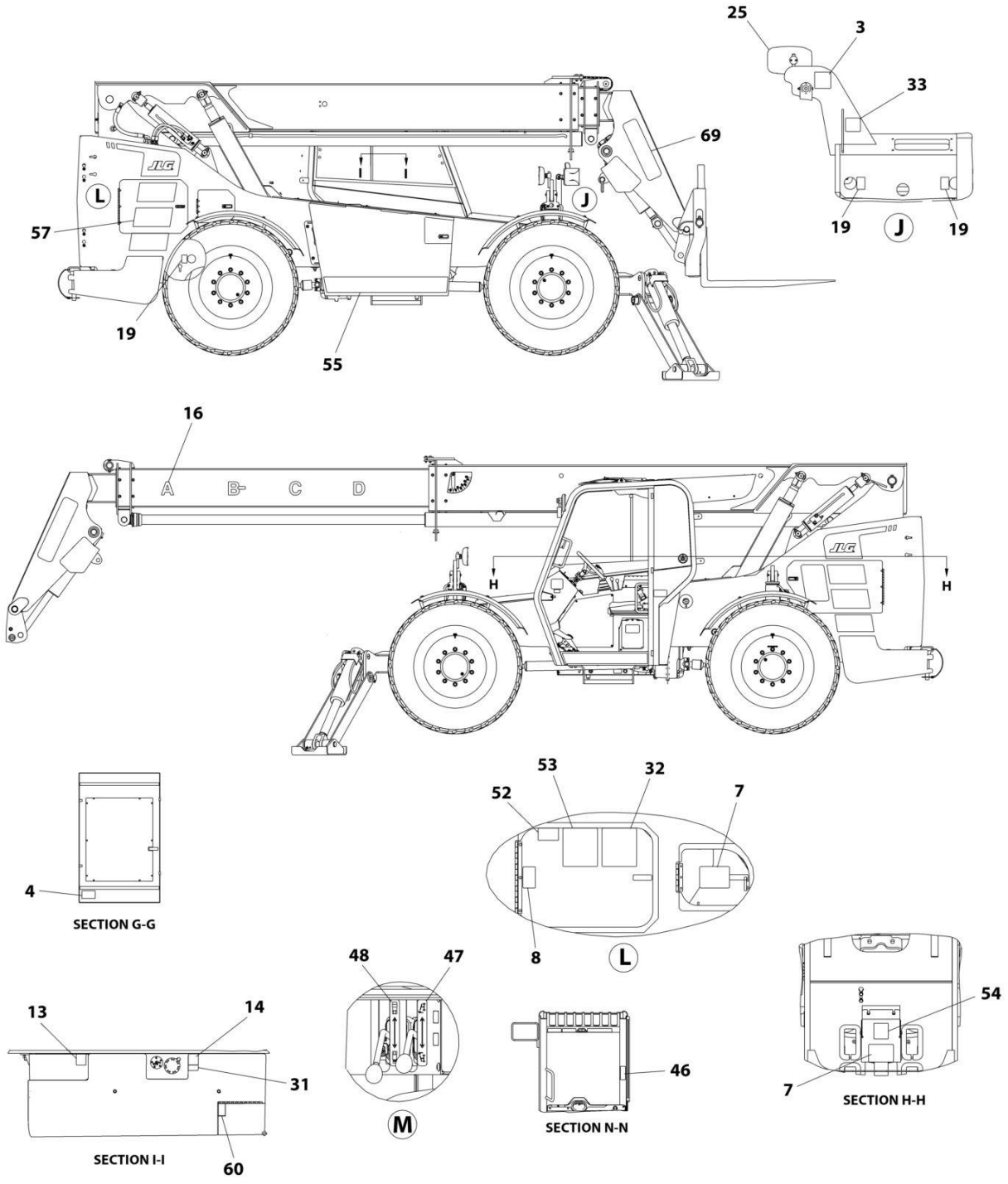
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213433	Ref	DECALS INSTALLATION - 74HP (ANSI SPECS)	M
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1706296	1	Decal, Battery Warning (ANSI)	
5	1706298	1	Decal, Carry Personnel	
6	1706299	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	
17	4107971	1	Decal, Outrigger Contact (10042 & 10054 only)	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer 3/8	
22	8305645	1	Locknut 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, Book Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001125387	2	Decal, Ultra Low Sulfur Fuel	
32	1001191996	1	Decal, Lubrication Chart 10054	
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	
49	1001162737	1	Decal, Outrigger Control 10054 & 10042	
52	1001202626	2	Decal, 74HP	
53	1001202627	1	Decal, Maintenance Chart	
58	1001189327	1	Decal, Main Fuse Panel	
59	1001189328	1	Decal, Fuse Panel	
60	1001207217	1	Decal, Danger Swinging Load	
62	1001218659	1	Decal, Brake Fluid Spec	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
64	1001223453	1	Decal, ICES (CAN)	
66	1001231801	1	Decal, Warning PROP 65 Diesel	
69	1001263589	2	Decal, Model Boom Head	
70	1001274439	2	Decal - Cab Side	
71	1001274444	2	Decal - JLG Logo	

SECTION 11 - DECALS

FIGURE 11-3. DECAL INSTALLATION HRC 74HP





ART_1001296948_2OF2

SECTION 11 - DECALS

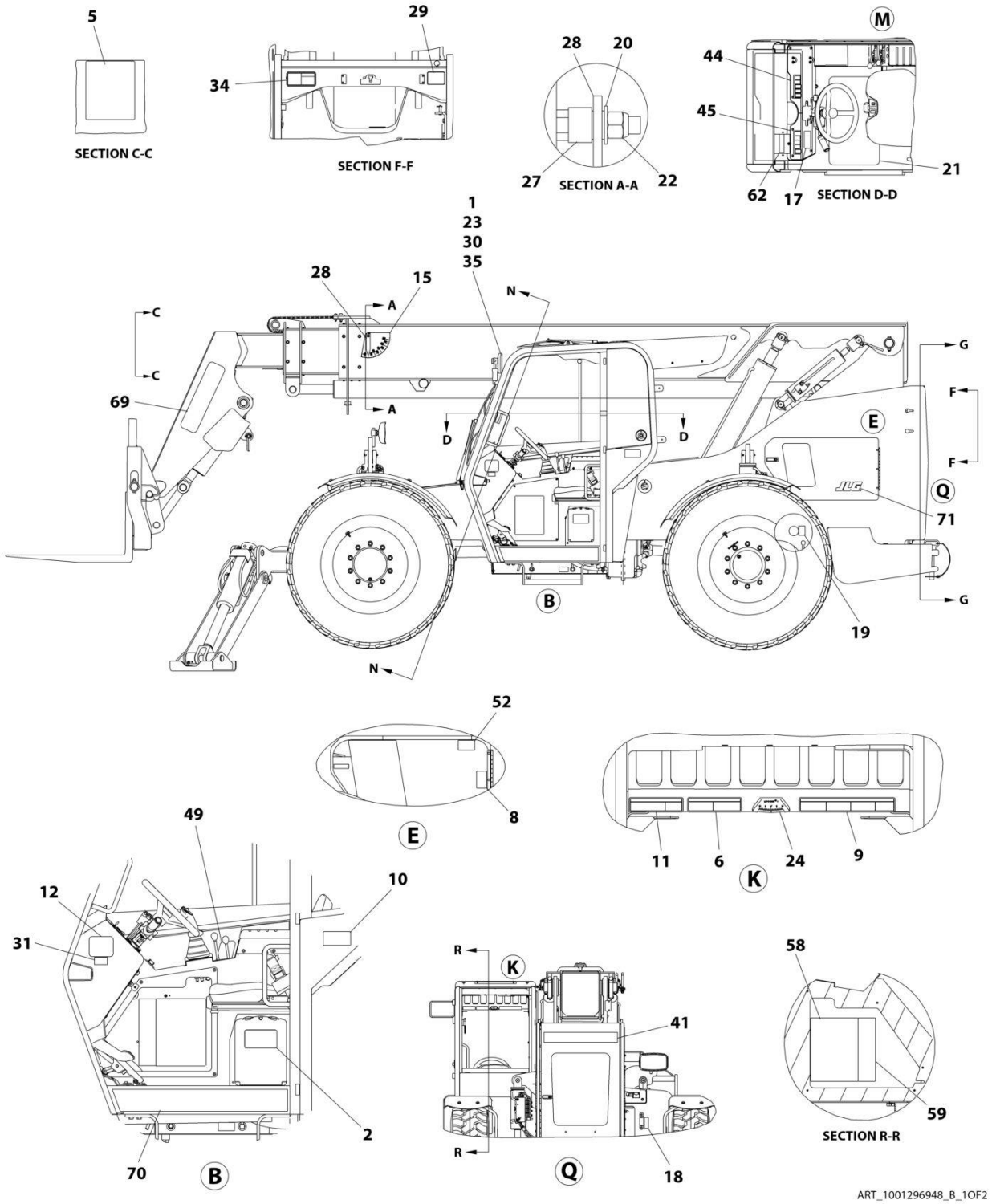
FIGURE 11-3. DECAL INSTALLATION HRC 74HP

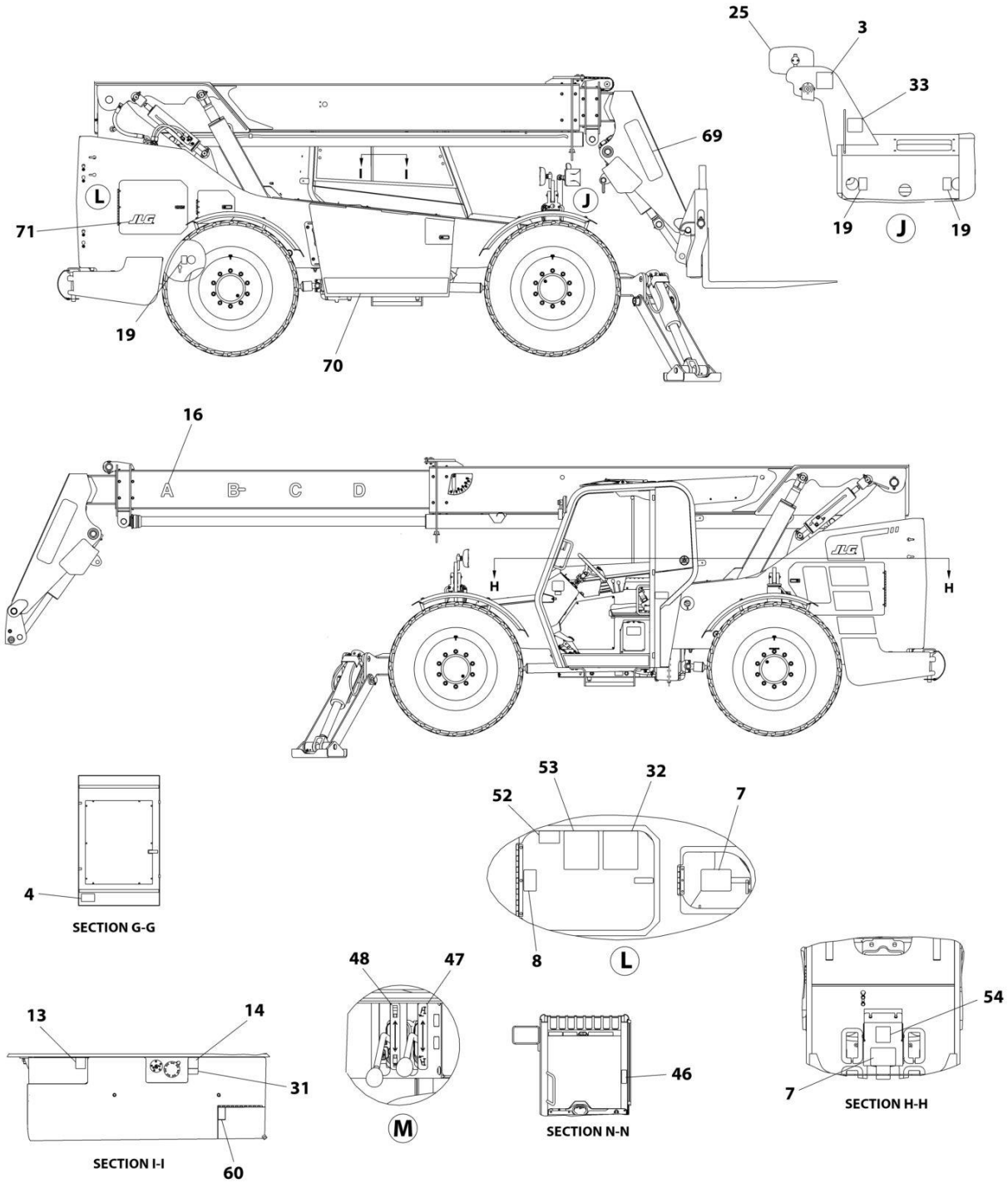
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296948	Ref	DECALS INSTALLATION HRC 74HP	A
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal - Manual	
3	See Note	1	Decal - Bar Code (Note: Not Available for Purchase)	
4	1706281	1	Decal - Battery Warning (IOS)	
5	1706282	1	Decal - Carry Personnel	
6	1706284	1	Decal - 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	
17	1706279	1	Decal - Warning Outrigger	
18	4108302	1	Decal - Hydraulic Oil Level	
19	1702300	4	Decal - Tie Down	
20	4711600	1	Washer 3/8	
21	10139087	1	Tread, Safety	
22	8305645	1	Nut 3/8	
23	8307024	2	Washer, Lock M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror RH	
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	1001191996	1	Decal - Lubrication Chart 8042	
33	1001131271	1	Decal - Telehandlers Patent	
34	1001139942	1	Decal - Hot Fluid Warning	
35	1001148177	1	Mirror, Rectangular	
40	1001259302	1	Decal - Cab Side	
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	
49	1001162737	1	Decal - Outrigger Control	
52	1001202626	2	Decal - MCO 74HP	
53	1001202627	1	Decal - Maintenance Chart	
54	1001142452	1	Decal - No Step	
55	1001259303	1	Decal - Tank Side	
56	1001259305	1	Decal - Left Side Stripe	
57	1001259306	1	Decal - Right Side Stripe	
58	1001189327	1	Decal - Main Fuse Panel	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
59	1001189328	1	Decal - Fuse Panel	
61	1001207218	1	Decal - Danger Swinging Load (Not Shown)	
62	1001219211	1	Decal - Brake Fluid	
69	1001263589	2	Decal - Model Boom Head 8042	

SECTION 11 - DECALS

FIGURE 11-4. DECAL INSTALLATION HRC 74HP (SN 0160123816 through 0160123738, SN 0160123751 through 0160123753, SN 0160123775 through 0160123776, SN 0160123778 through 0160123808, Including 0160123764 and 0160123767)





ART_1001296948_B_2OF2

SECTION 11 - DECALS

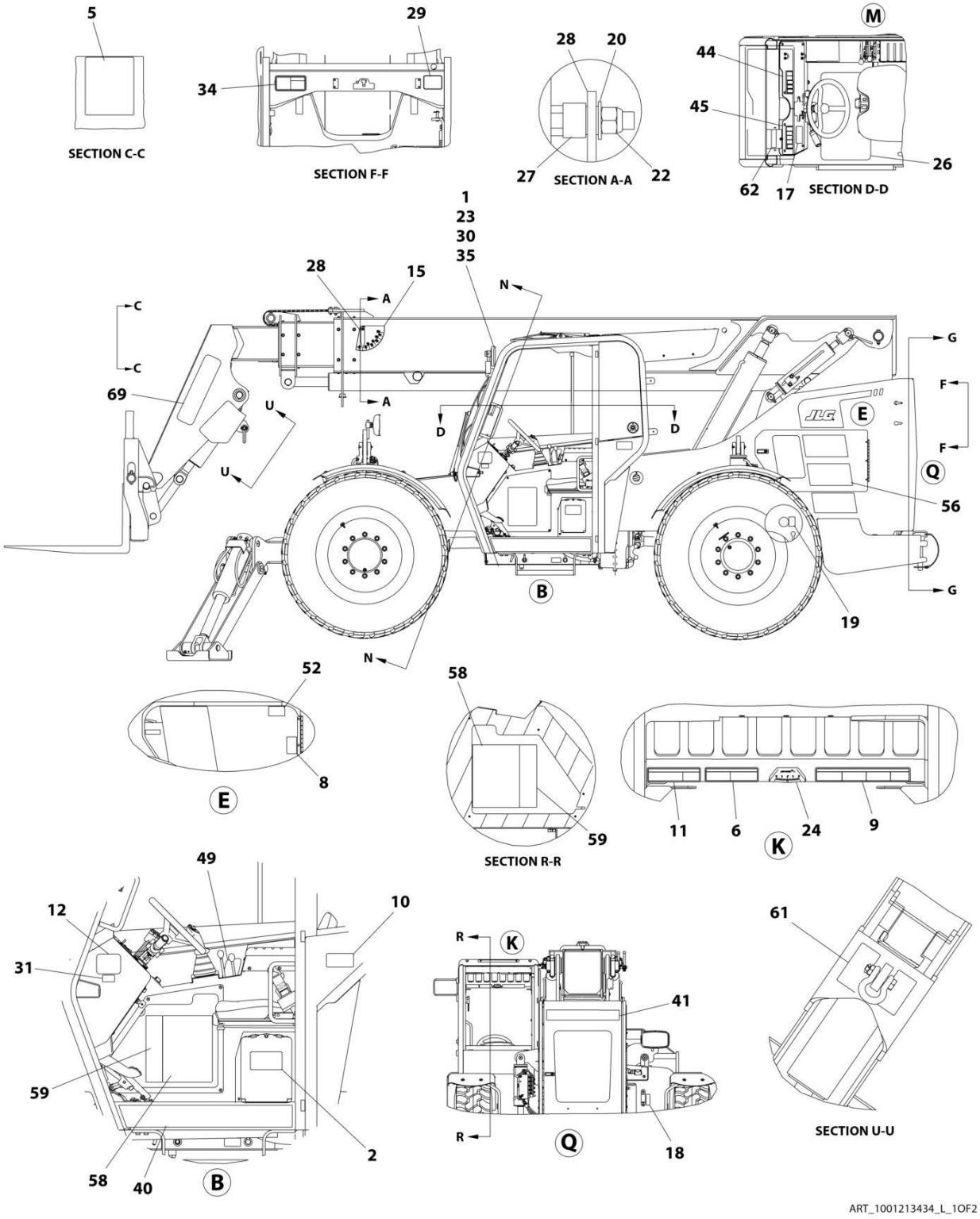
FIGURE 11-4. DECAL INSTALLATION HRC 74HP (SN 0160123816 through 0160123738, SN 0160123751 through 0160123753, SN 0160123775 through 0160123776, SN 0160123778 through 0160123808, Including 0160123764 and 0160123767)

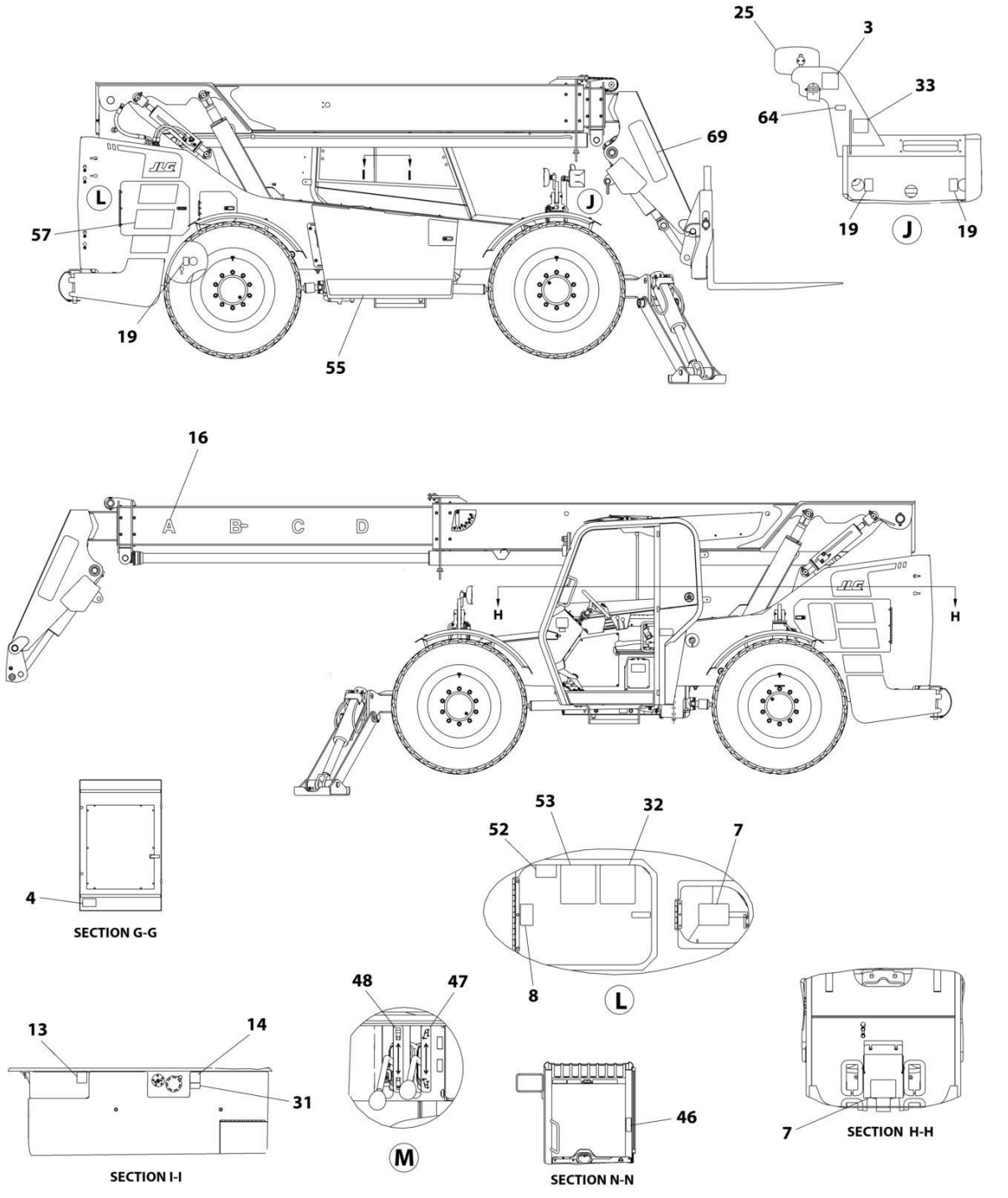
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296948	Ref	DECALS INSTALLATION HRC 74HP	B
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal - Manual	
3	See Note	1	Decal - Bar Code (Note: Not Available for Purchase)	
4	1706281	1	Decal - Battery Warning (IOS)	
5	1706282	1	Decal - Carry Personnel	
6	1706284	1	Decal - 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	
17	1706279	1	Decal - Warning Outrigger	
18	4108302	1	Decal - Hydraulic Oil Level	
19	1702300	4	Decal - Tie Down	
20	4711600	1	Washer 3/8	
21	10139087	1	Tread, Safety	
22	8305645	1	Nut 3/8	
23	8307024	2	Washer, Lock M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror RH	
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	1001191996	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	
49	1001162737	1	Decal - Outrigger Control	
52	1001202626	2	Decal - MCO 74HP	
53	1001202627	1	Decal - Maintenance Chart	
54	1001142452	1	Decal - No Step	
58	1001189327	1	Decal - Main Fuse Panel	
59	1001189328	1	Decal - Fuse Panel	
61	1001207218	1	Decal - Danger Swinging Load (Not Shown)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
62	1001219211	1	Decal - Brake Fluid	
69	1001263589	2	Decal - Model Boom Head 8042	
70	1001274439	2	Decal - Cab Side	
71	1001274444	2	Decal - JLG Logo	

SECTION 11 - DECALS

FIGURE 11-5. DECALS INSTALLATION - 74HP (ENGLISH/FRENCH SPECS)





ART_1001213434_L_2OF2

SECTION 11 - DECALS

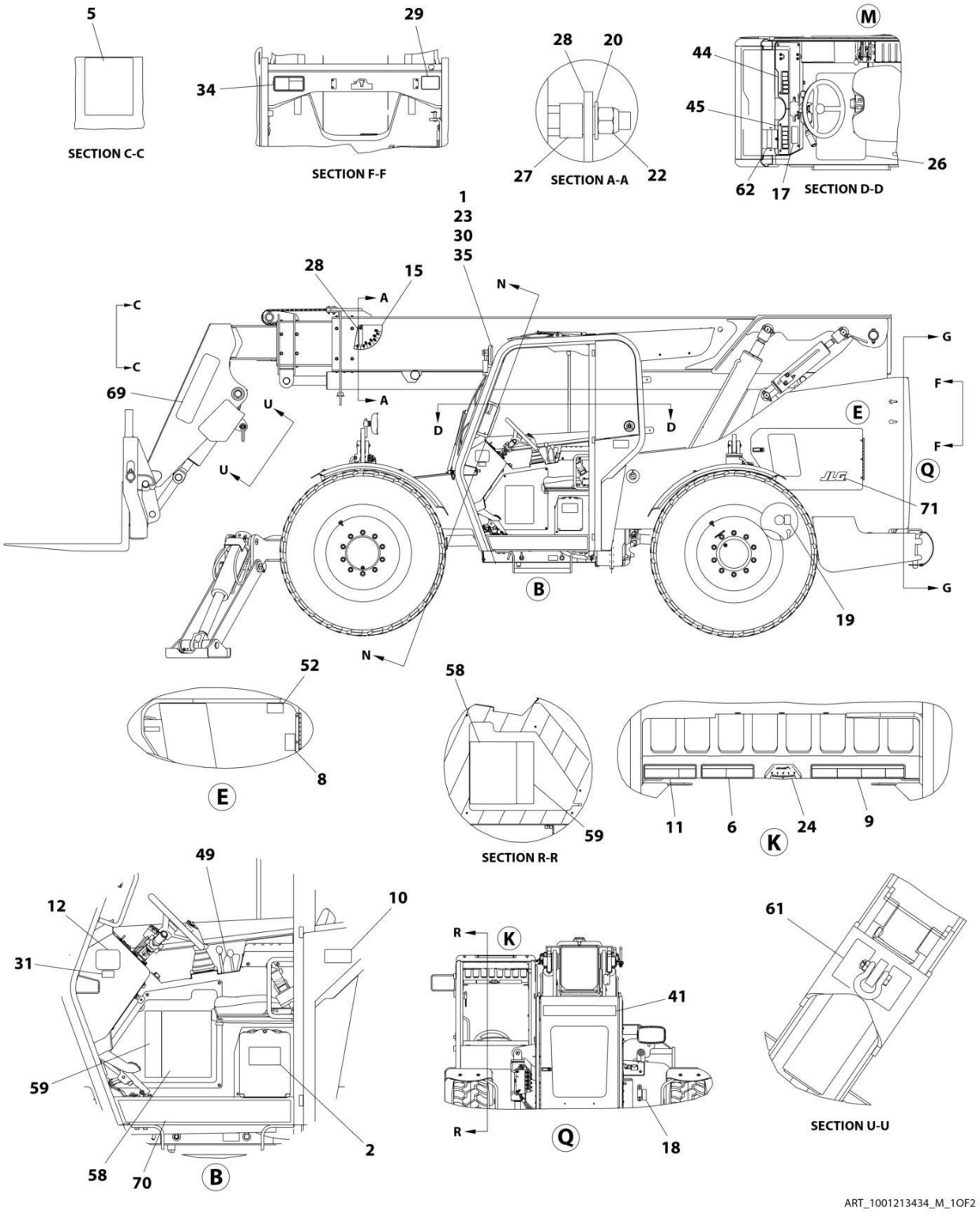
FIGURE 11-5. DECALS INSTALLATION - 74HP (ENGLISH/FRENCH SPECS)

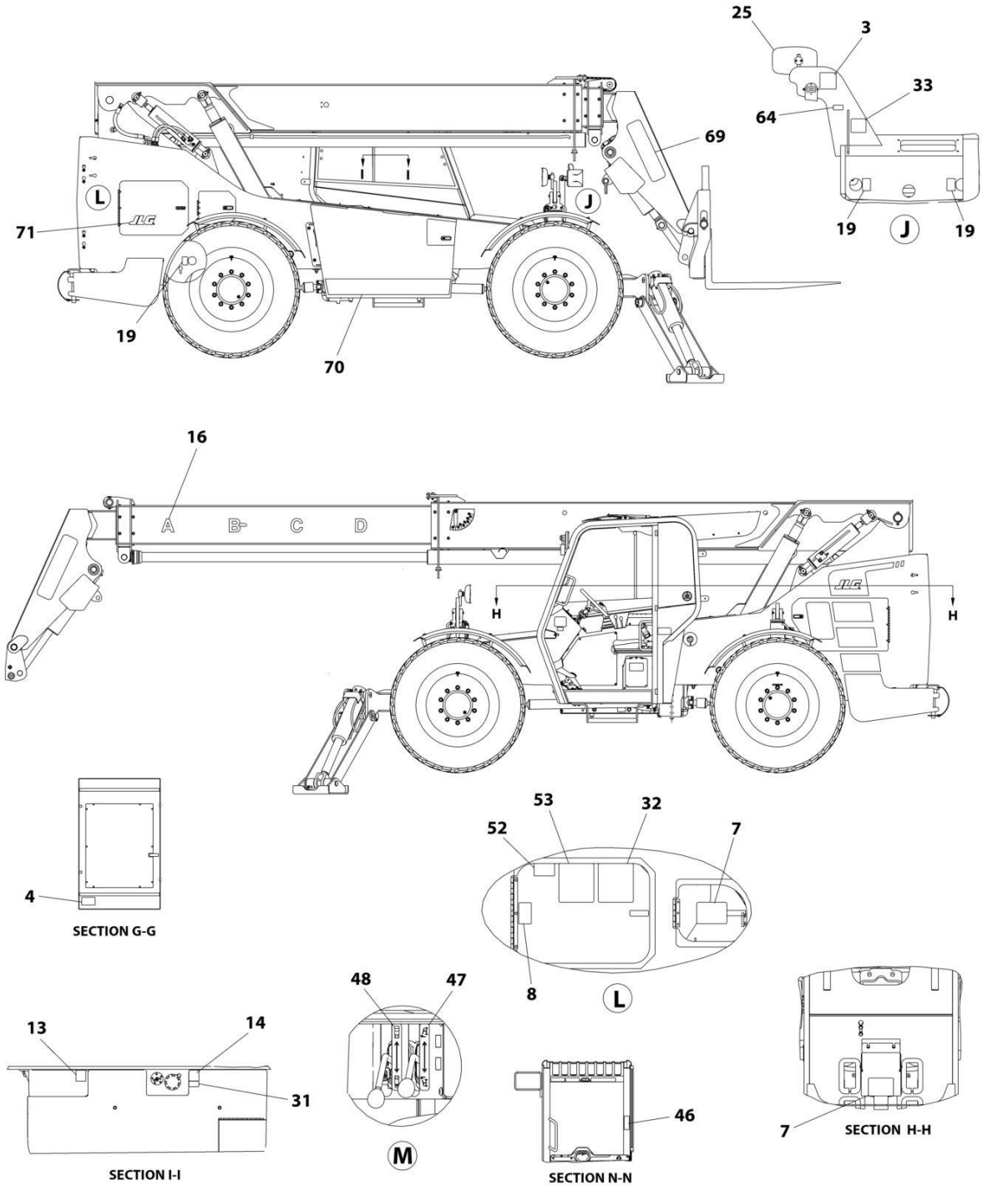
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213434	Ref	DECALS INSTALLATION - 74HP (ENGLISH/FRENCH SPECS)	L
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001163174	1	Decal, Battery Warning (CAN)	
5	1001163206	1	Decal, Carry Personnel (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 (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	
17	1001187239	1	Decal, Outrigger (ENG/FR)	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer 3/8	
22	8305645	1	Locknut 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	1001191996	1	Decal, Lubrication Chart (10054)	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001163323	1	Decal, Hot Fluid Warning (CAN)	
35	1001148177	1	Mirror, Rectangular	
40	1001259302	1	Decal, Cab Side	
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	
49	1001162737	1	Decal, Outrigger Control (10042,10054)	
52	1001202626	2	Decal, 74HP	
53	1001202627	1	Decal, Maintenance Chart	
55	1001259303	1	Decal, Tank Side	
56	1001259305	1	Decal, Left Side Stripe	
57	1001259306	1	Decal, Right Side Stripe	
58	1001189327	1	Decal, Main Fuse Panel	
59	1001189328	1	Decal, Fuse Panel	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
61	1001211278	1	Decal, Swinging Load Decal Kit (CAN)	
62	1001219211	1	Decal, Brake Fluid Spec	
64	1001223453	1	Decal, ICES (CAN)	
69	1001263589	2	Decal, Model Boom Head	

SECTION 11 - DECALS

FIGURE 11-6. DECALS INSTALLATION - 74HP (ENGLISH/FRENCH SPECS) (SN 0160123816 through 0160123738, SN 0160123751 through 0160123753, SN 0160123775 through 0160123776, SN 0160123778 through 0160123808, Including 0160123764 and 0160123767)





ART_1001213434_M_2OF2

SECTION 11 - DECALS

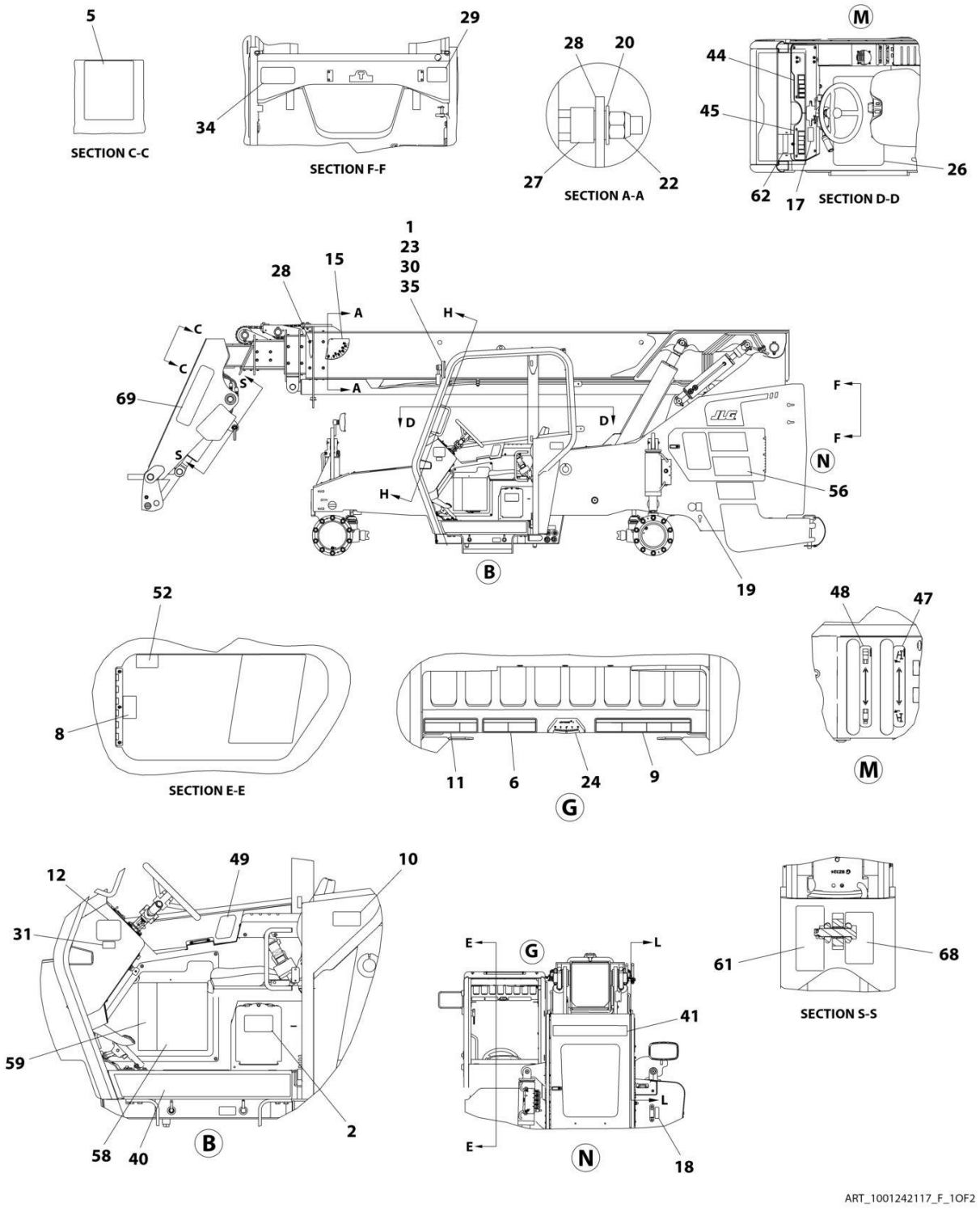
FIGURE 11-6. DECALS INSTALLATION - 74HP (ENGLISH/FRENCH SPECS) (SN 0160123816 through 0160123738, SN 0160123751 through 0160123753, SN 0160123775 through 0160123776, SN 0160123778 through 0160123808, Including 0160123764 and 0160123767)

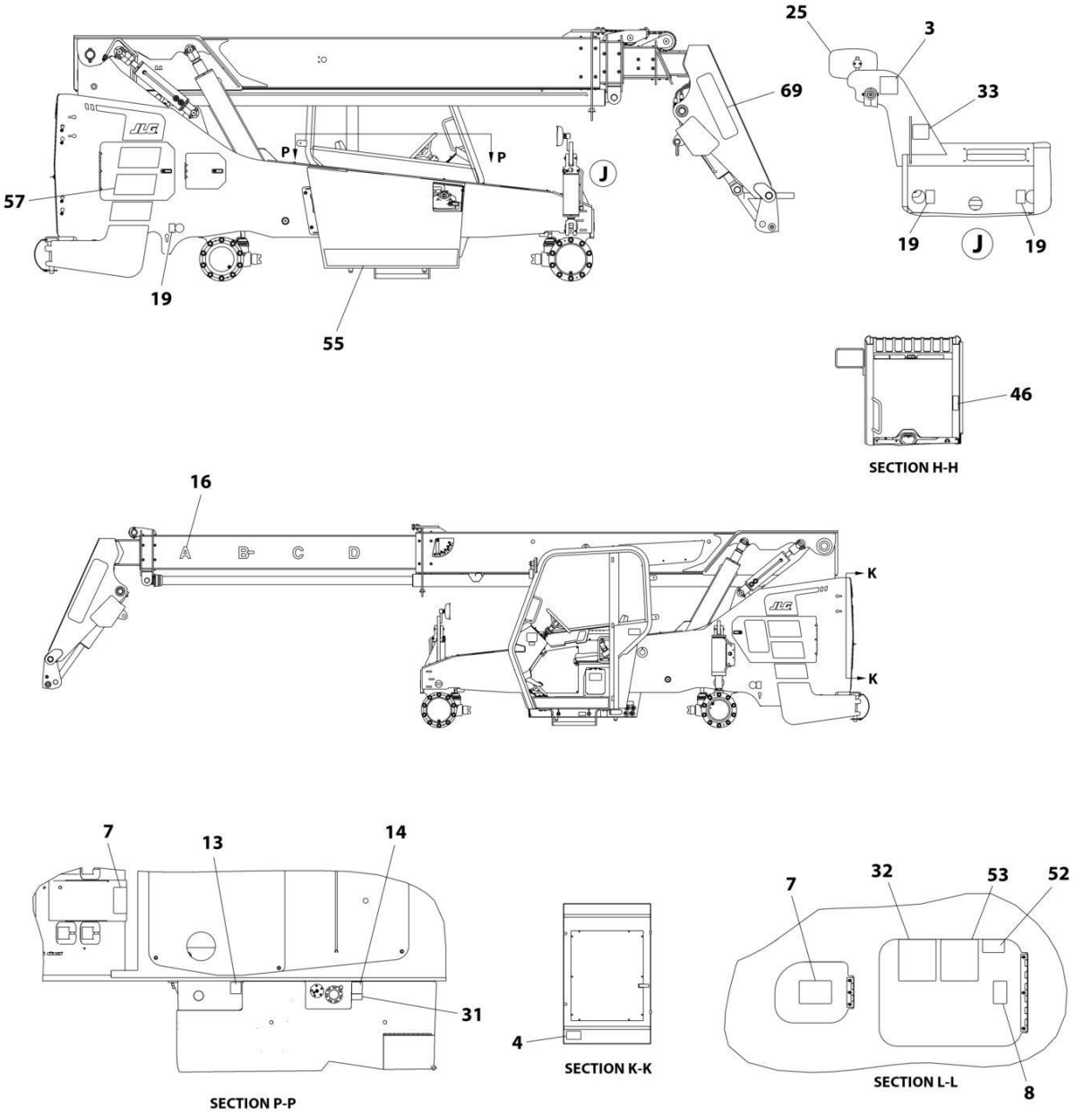
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213434	Ref	DECALS INSTALLATION - 74HP (ENGLISH/FRENCH SPECS)	M
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001163174	1	Decal, Battery Warning (CAN)	
5	1001163206	1	Decal, Carry Personnel (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 (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	
17	1001187239	1	Decal, Outrigger (ENG/FR)	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer 3/8	
22	8305645	1	Locknut 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	1001191996	1	Decal, Lubrication Chart 10054	
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	
49	1001162737	1	Decal, Outrigger Control 10054 & 10042	
52	1001202626	2	Decal, 74HP	
53	1001202627	1	Decal, Maintenance Chart	
58	1001189327	1	Decal, Main Fuse Panel	
59	1001189328	1	Decal, Fuse Panel	
61	1001211278	1	Decal, Swinging Load Decal Kit (CAN)	
62	1001219211	1	Decal, Brake Fluid Spec	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
64	1001223453	1	Decal, ICES (CAN)	
69	1001263589	2	Decal, Model Boom Head	
70	1001274439	2	Decal - Cab Side	
71	1001274444	2	Decal - JLG Logo	

SECTION 11 - DECALS

FIGURE 11-7. DECALS INSTALLATION - 74HP ULS (ENGLISH/SPANISH SPECS)





ART_1001242117_F_2OF2

SECTION 11 - DECALS

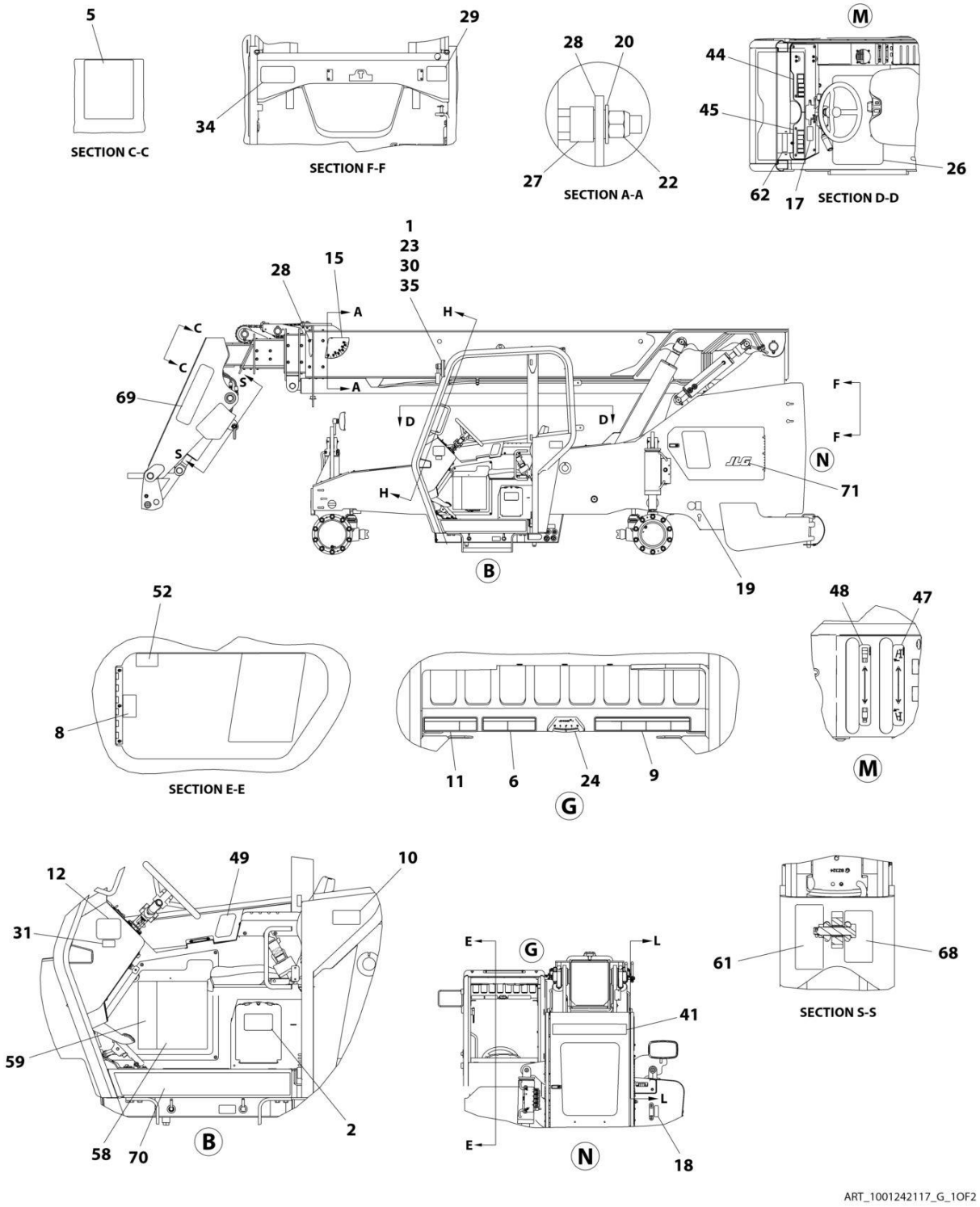
FIGURE 11-7. DECALS INSTALLATION - 74HP ULS (ENGLISH/SPANISH SPECS)

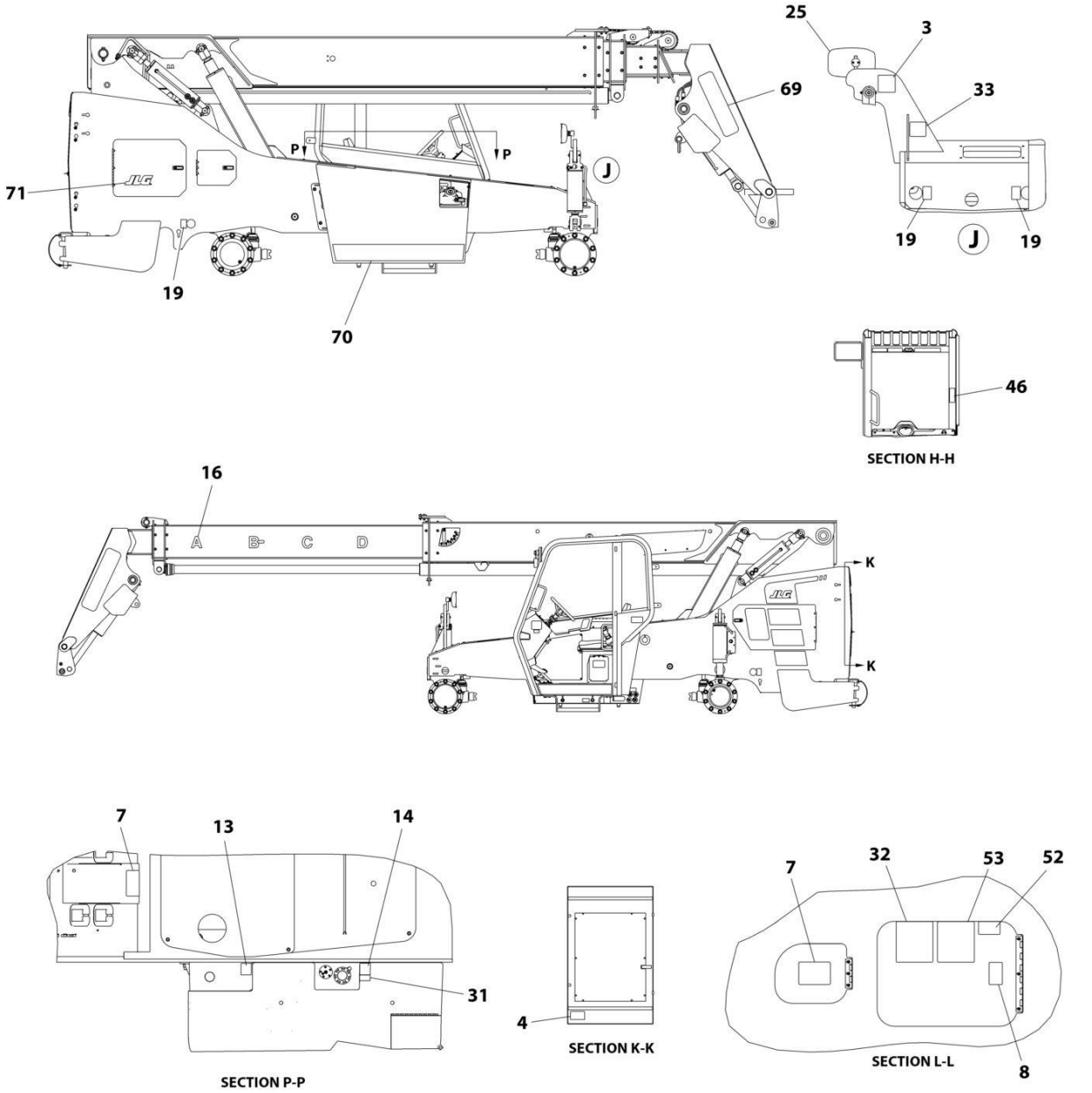
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242117	Ref	DECALS INSTALLATION - 74HP ULS (ENGLISH/SPANISH SPECS)	F
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001235794	1	Decal, Battery Warning (SPAN)	
5	1001235796	1	Decal, Carry Personnel (SPAN)	
6	1001235797	1	Decal, Electrocution Hazard (SPAN)	
7	1001235798	2	Decal, Warning No Either (SPAN)	
8	1001235799	2	Decal, Moving Parts (SPAN)	
9	1001235801	1	Decal, Tipover Warning	
10	1001235802	1	Decal, No Riders	
11	1001235803	1	Decal, Warning Crushing Hazard (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	
17	1001242122	1	Decal, Outrigger (ENG/SPAN)	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer 3/8	
22	8305645	1	Locknut 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	1001191996	1	Decal, Lubrication Chart (10054)	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001235805	1	Decal, Hot Fluid Warning	
35	1001148177	1	Mirror, Rectangular	
40	1001259302	1	Decal, Cab Side	
41	1001263821	1	Decal, Rear Door	
44	1001242172	1	Decal, RH Overlay	
45	1001242173	1	Decal, LH Overlay	
46	1001162734	1	Decal, Joystick Control	
47	1001162735	1	Decal, Sway Control	
48	1001162736	1	Decal, Auxiliary Control	
49	1001162737	1	Decal, Outrigger Control	
52	1001236313	2	Decal, MCO 74HP (SPAN)	
53	1001202627	1	Decal, Maintenance Chart	
55	1001259303	1	Decal, Tank Side	
56	1001259305	1	Decal, Left Side Stripe	
57	1001259306	1	Decal, Right Side Stripe	
58	1001189327	1	Decal, Main Fuse Panel	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
59	1001189328	1	Decal, Fuse panel	
61	1001246078	1	Decal, Danger Swinging Load Boom (SPAN)	
62	1001219211	1	Decal, Brake Fluid Spec	
68	1001242179	1	Decal, Danger Swinging Load Boom Head (SPAN)	
69	1001263589	2	Decal, Model Boom Head	

SECTION 11 - DECALS

FIGURE 11-8. DECALS INSTALLATION - 74HP ULS (ENGLISH/SPANISH SPECS) (SN 0160123816 through 0160123738, SN 0160123751 through 0160123753, SN 0160123775 through 0160123776, SN 0160123778 through 0160123808, Including 0160123764 and 0160123767)




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SECTION H-H
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SECTION L-L
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SECTION 11 - DECALS

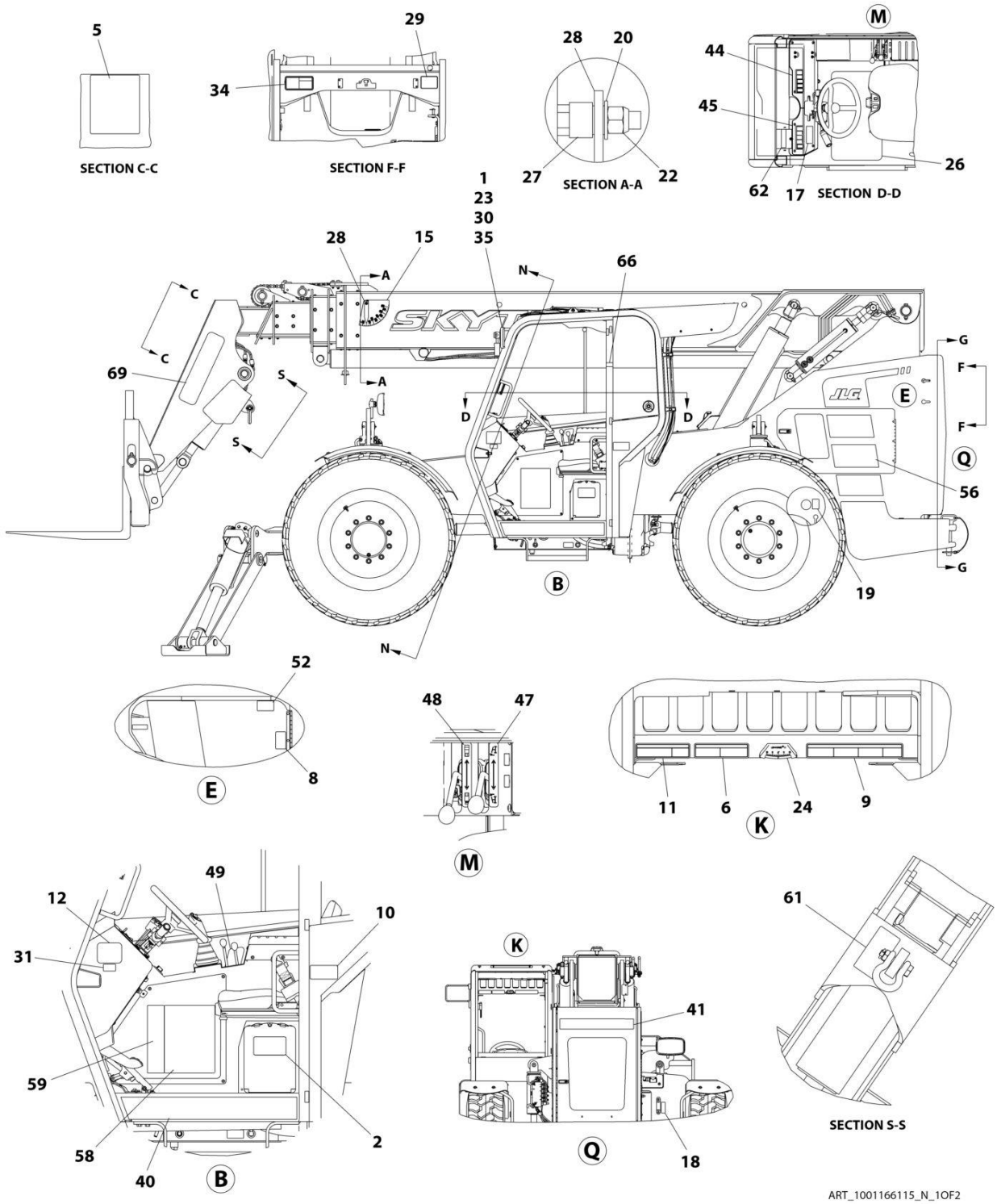
FIGURE 11-8. DECALS INSTALLATION - 74HP ULS (ENGLISH/SPANISH SPECS) (SN 0160123816 through 0160123738, SN 0160123751 through 0160123753, SN 0160123775 through 0160123776, SN 0160123778 through 0160123808, Including 0160123764 and 0160123767)

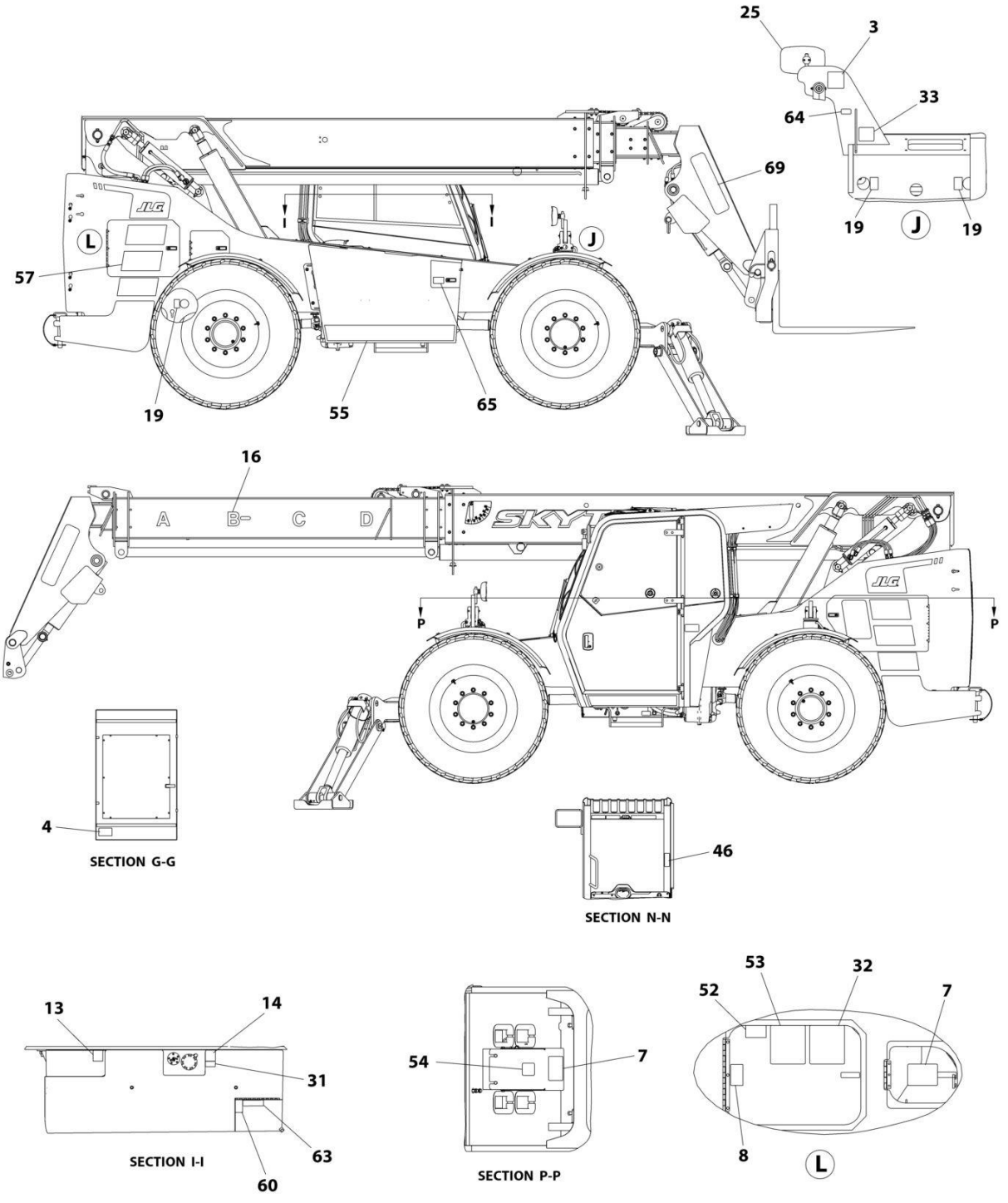
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242117	Ref	DECALS INSTALLATION - 74HP ULS (ENGLISH/SPANISH SPECS)	G
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001235794	1	Decal, Battery Warning (SPAN)	
5	1001235796	1	Decal, Carry Personnel (SPAN)	
6	1001235797	1	Decal, Electrocution Hazard (SPAN)	
7	1001235798	2	Decal, Warning No Either (SPAN)	
8	1001235799	2	Decal, Moving Parts (SPAN)	
9	1001235801	1	Decal, Tipover Warning	
10	1001235802	1	Decal, No Riders	
11	1001235803	1	Decal, Warning Crushing Hazard (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	
17	1001242122	1	Decal, Outrigger (ENG/SPAN)	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer 3/8	
22	8305645	1	Locknut 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	1001191996	1	Decal, Lubrication Chart 10054	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001235805	1	Decal, Hot Fluid Warning	
35	1001148177	1	Mirror, Rectangular	
41	1001263821	1	Decal, Rear Door	
44	1001242172	1	Decal, RH Overlay	
45	1001242173	1	Decal, LH Overlay	
46	1001162734	1	Decal, Joystick Control	
47	1001162735	1	Decal, Sway Control	
48	1001162736	1	Decal, Auxiliary Control	
49	1001162737	1	Decal, Outrigger Control	
52	1001236313	2	Decal, MCO 74HP (SPAN)	
53	1001202627	1	Decal, Maintenance Chart	
58	1001189327	1	Decal, Main Fuse Panel	
59	1001189328	1	Decal, Fuse panel	
61	1001246078	1	Decal, Danger Swinging Load Boom (SPAN)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
62	1001219211	1	Decal, Brake Fluid Spec	
68	1001242179	1	Decal, Danger Swinging Load Boom Head (SPAN)	
69	1001263589	2	Decal, Model Boom Head	
70	1001274439	2	Decal - Cab Side	
71	1001274444	2	Decal - JLG Logo	

SECTION 11 - DECALS

FIGURE 11-9. DECALS INSTALLATION - 110HP ULS (ANSI SPECS)





ART_1001166115_N_2OF2

SECTION 11 - DECALS

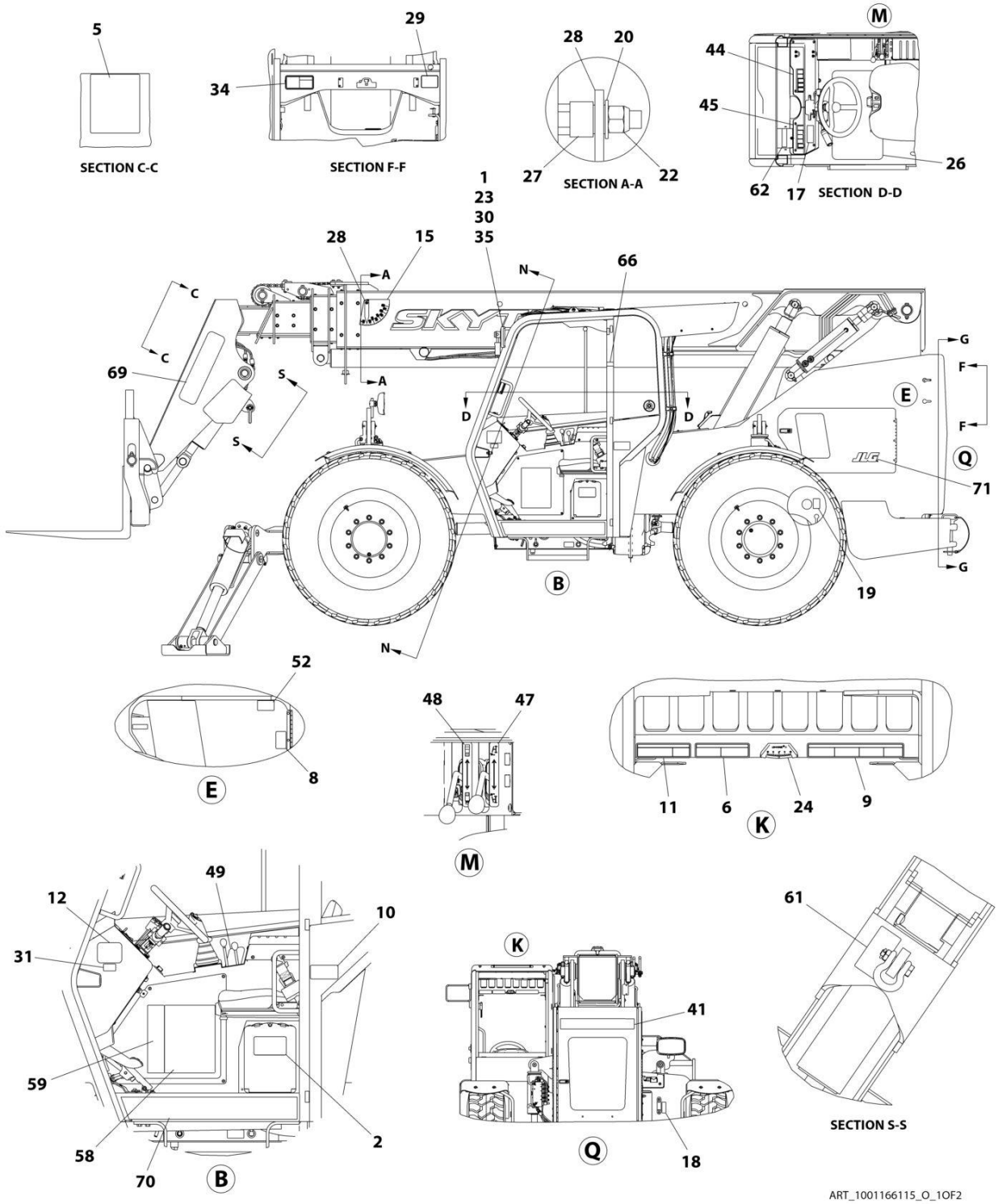
FIGURE 11-9. DECALS INSTALLATION - 110HP ULS (ANSI SPECS)

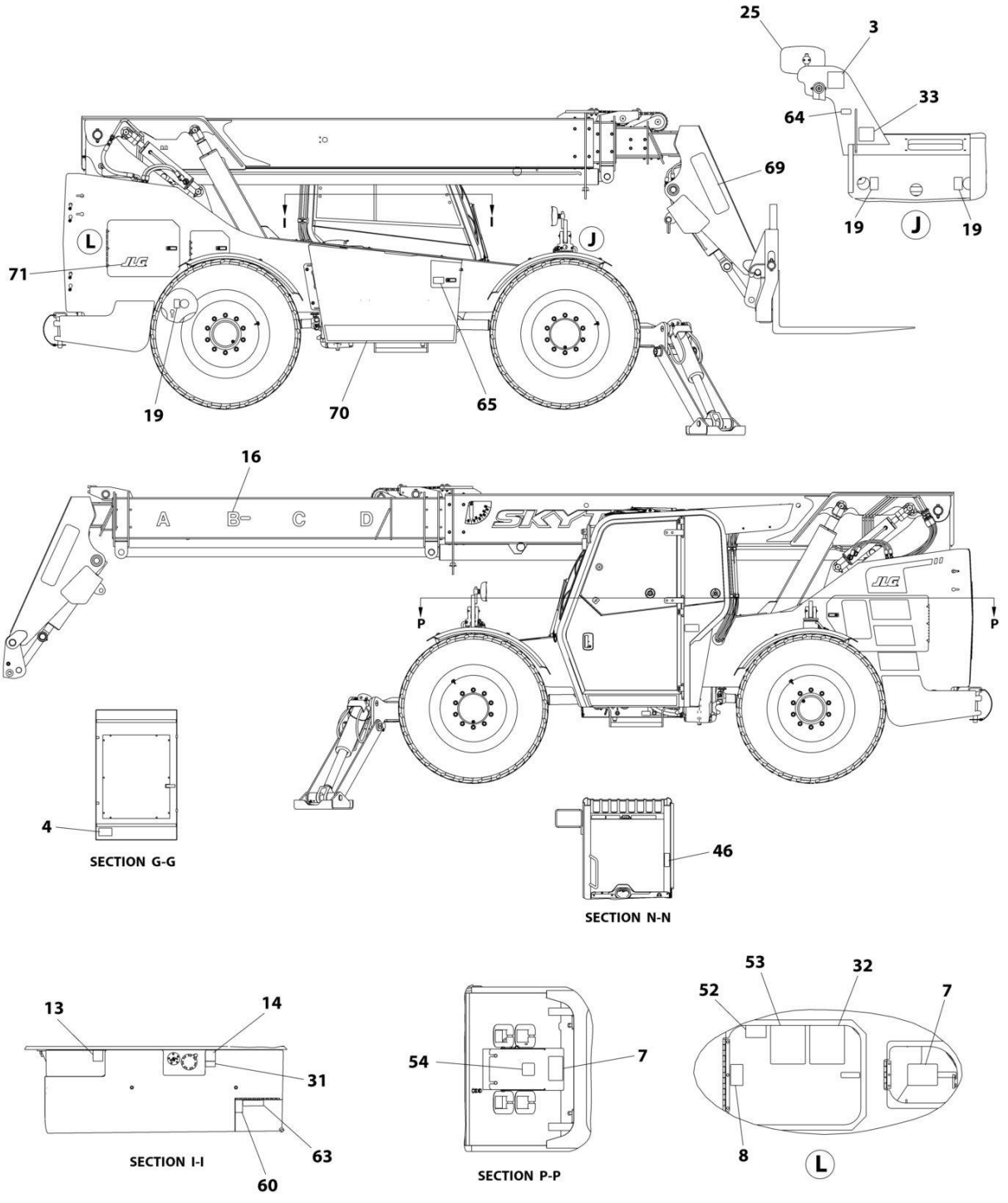
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166115	Ref	Decal Installation (ANSI) 110HP	N
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1706296	1	Decal, Battery Hazard	
5	1706298	1	Decal, Carry Personnel	
6	1706299	1	Decal, Contacting Power Lines Warning	
7	1706300	2	Decal, Ether Warning	
8	1706301	2	Decal, Keep Clear of Rotating Parts	
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	
17	4107971	1	Decal, Outrigger Contact (10042,10054)	
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	1001191996	1	Decal, Lubrication Chart (10054)	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001139578	1	Decal, Hot Fluid Warning	
35	1001148177	1	Mirror, Rectangular	
40	1001259302	1	Decal, Cab Side	
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	
49	1001162737	1	Decal, Outrigger Control (10042,10054)	
52	1001173422	2	Decal, MCO 110HP	
53	1001174152	1	Decal, Maintenance Chart	
54	1001142452	1	Decal, No Step	
55	1001259303	1	Decal, Tank Side	
56	1001259305	1	Decal, Tank Side	
57	1001259306	1	Decal, Right Side Stripe	
58	1001189327	1	Decal, Main Fuse Panel	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
59	1001189328	1	Decal, 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 Tank Service	
66	1001231801	1	Decal, Warning Prop 65 Diesel	
69	1001263589	1	Decal, Model Boom Head	

SECTION 11 - DECALS

FIGURE 11-10. DECALS INSTALLATION - 110HP ULS (ANSI SPECS) (SN 0160123816 through 0160123738, SN 0160123751 through 0160123753, SN 0160123775 through 0160123776, SN 0160123778 through 0160123808, Including 0160123764 and 0160123767)





ART_1001166115_O_2OF2

SECTION 11 - DECALS

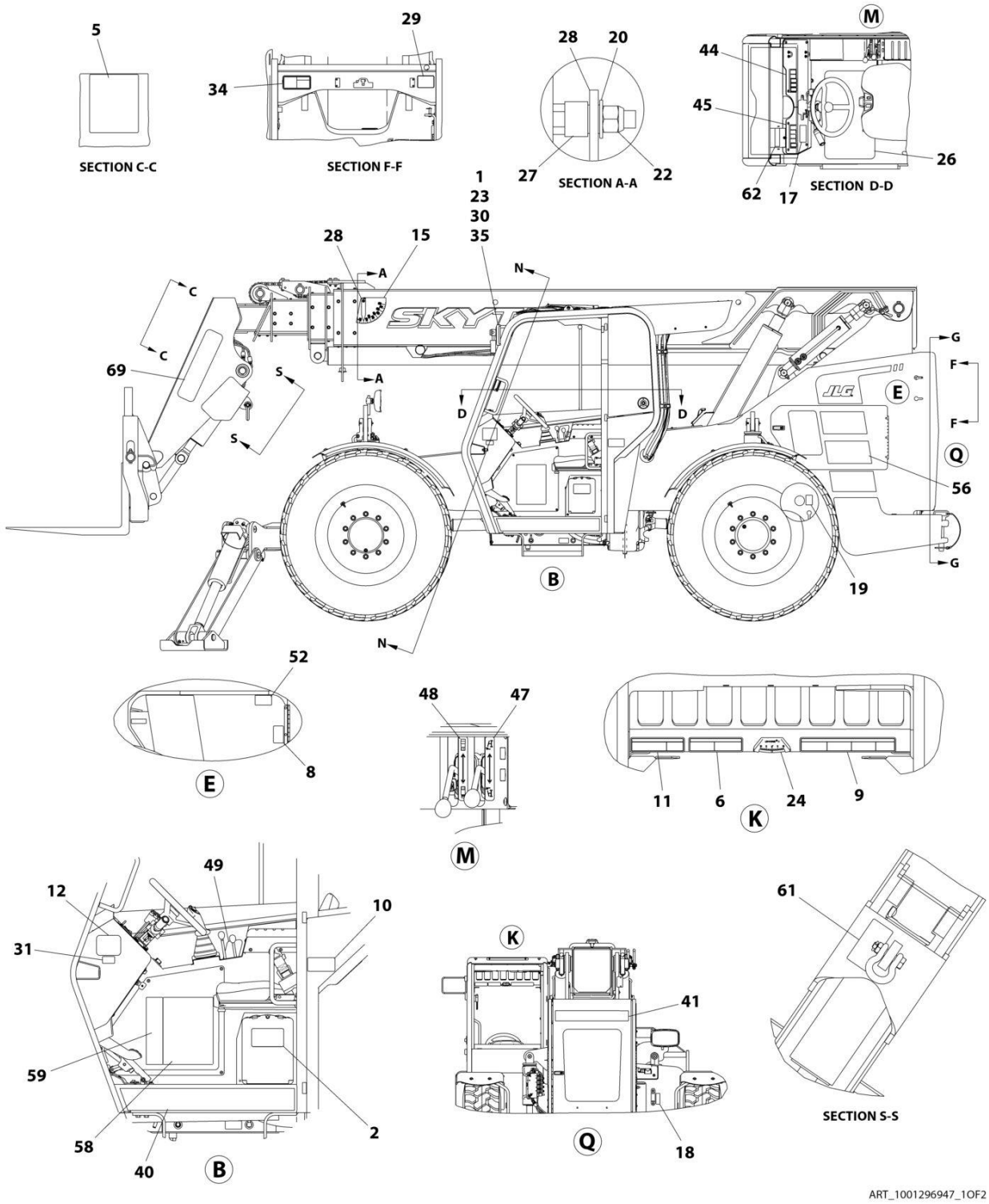
FIGURE 11-10. DECALS INSTALLATION - 110HP ULS (ANSI SPECS) (SN 0160123816 through 0160123738, SN 0160123751 through 0160123753, SN 0160123775 through 0160123776, SN 0160123778 through 0160123808, Including 0160123764 and 0160123767)

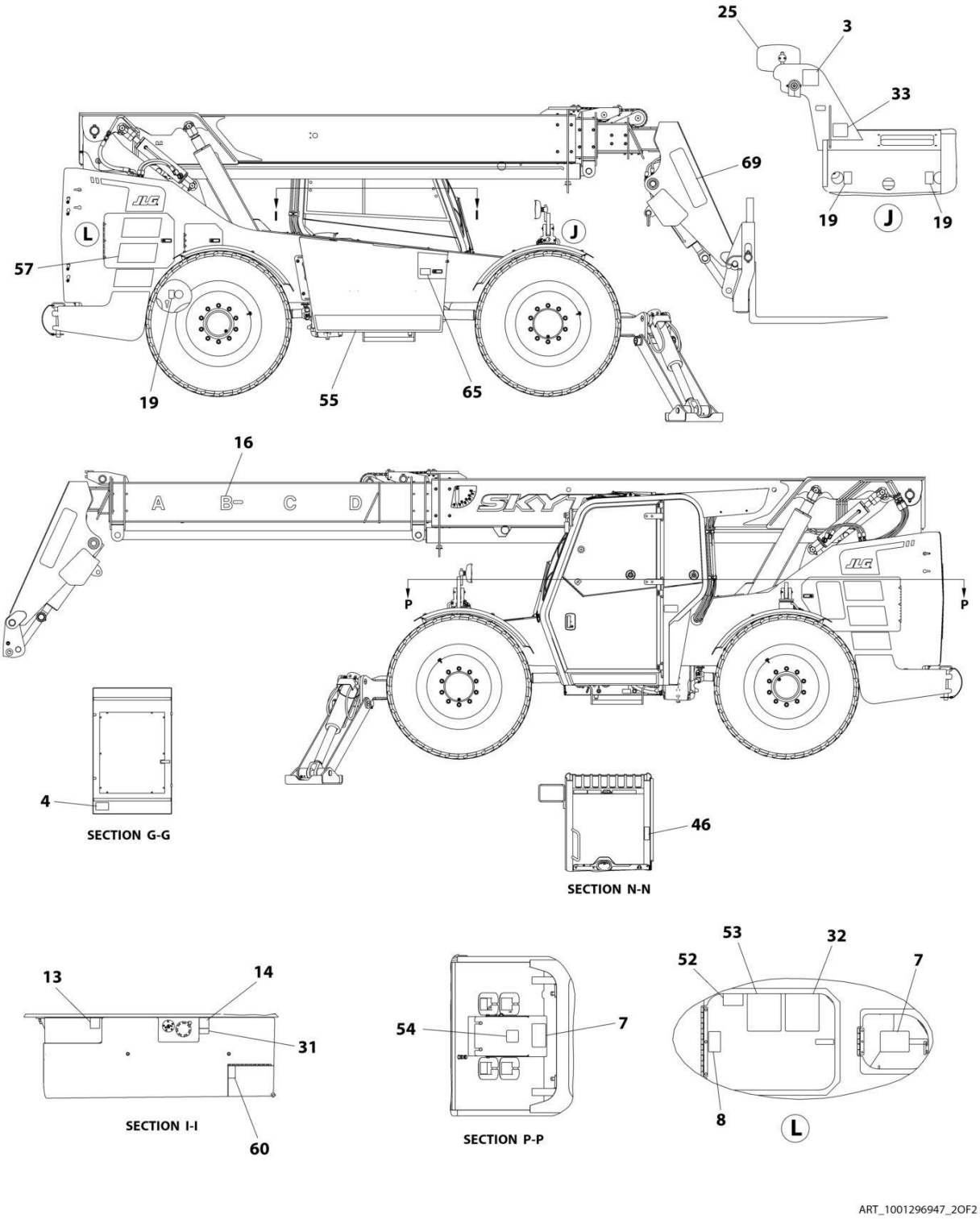
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166115	Ref	DECALS INSTALLATION (ANSI) 110HP - 10054 (10054)	O
1	0700610	2	Bolt, M6 x 20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1706296	1	Decal, Battery Hazard	
5	1706298	1	Decal, Carry Personnel	
6	1706299	1	Decal, Contacting Power Lines Warning	
7	1706300	2	Decal, Ether Warning	
8	1706301	2	Decal, Keep Clear of Rotating Parts	
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	
17	4107971	1	Decal, Outrigger Contact (10042 & 10054) (10042,10054)	
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	1001191996	1	Decal, Lubrication Chart 10054 (10054)	
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	
49	1001162737	1	Decal, Outrigger Control (10054 & 10042) (10042,10054)	
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	
59	1001189328	1	Decal, Fuse panel	
60	1001196806	1	Decal, Diesel Exhaust Fluid	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
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 Tank Service	
66	1001231801	1	Decal, Warning Prop 65 Diesel	
69	1001263589	1	Decal, Model Boom Head	
70	1001274439	2	Decal - Cab Side	
71	1001274444	2	Decal - JLG Logo	

SECTION 11 - DECALS

FIGURE 11-11. DECAL INSTALLATION HRC 110HP




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SECTION 11 - DECALS

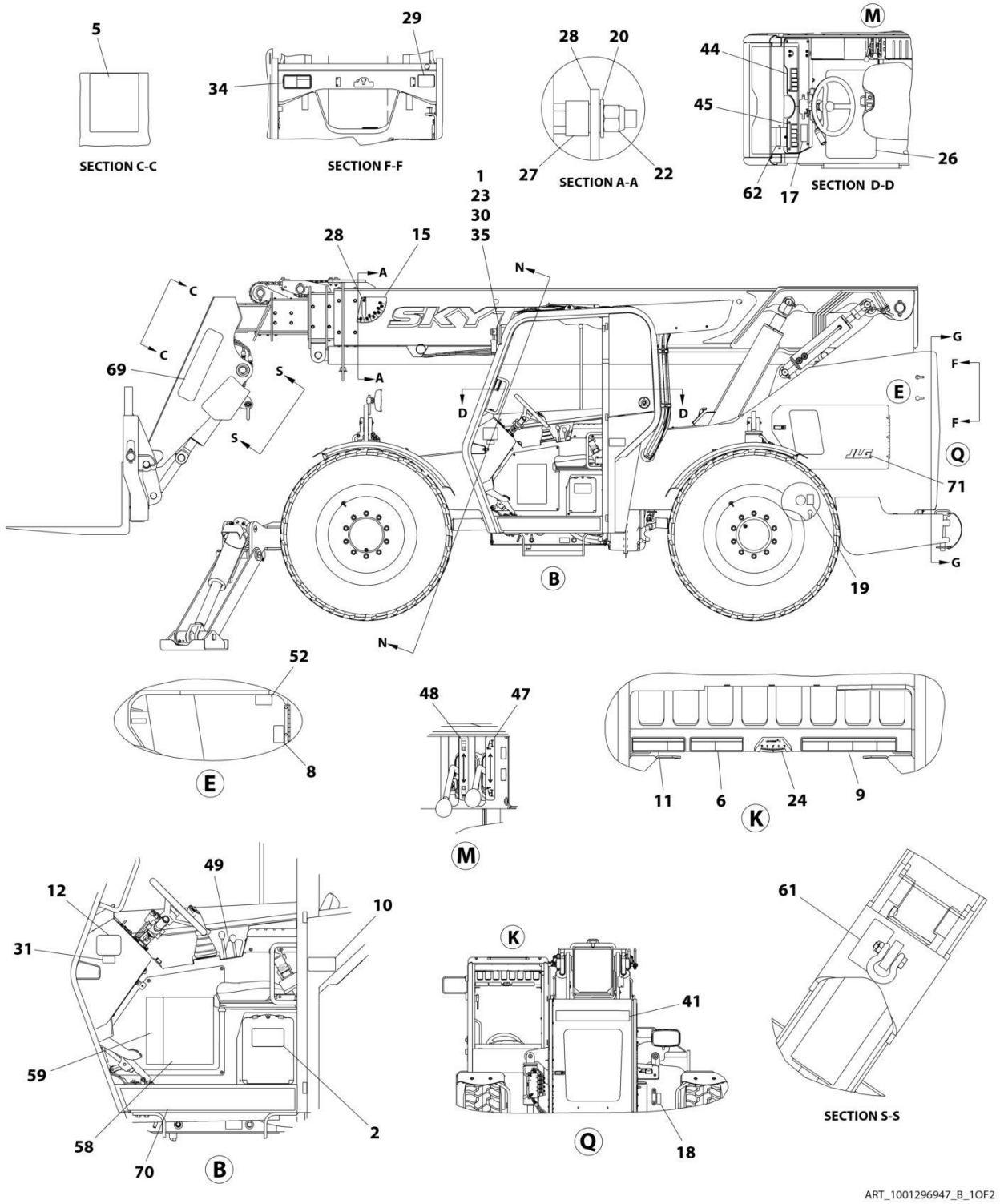
FIGURE 11-11. DECAL INSTALLATION HRC 110HP

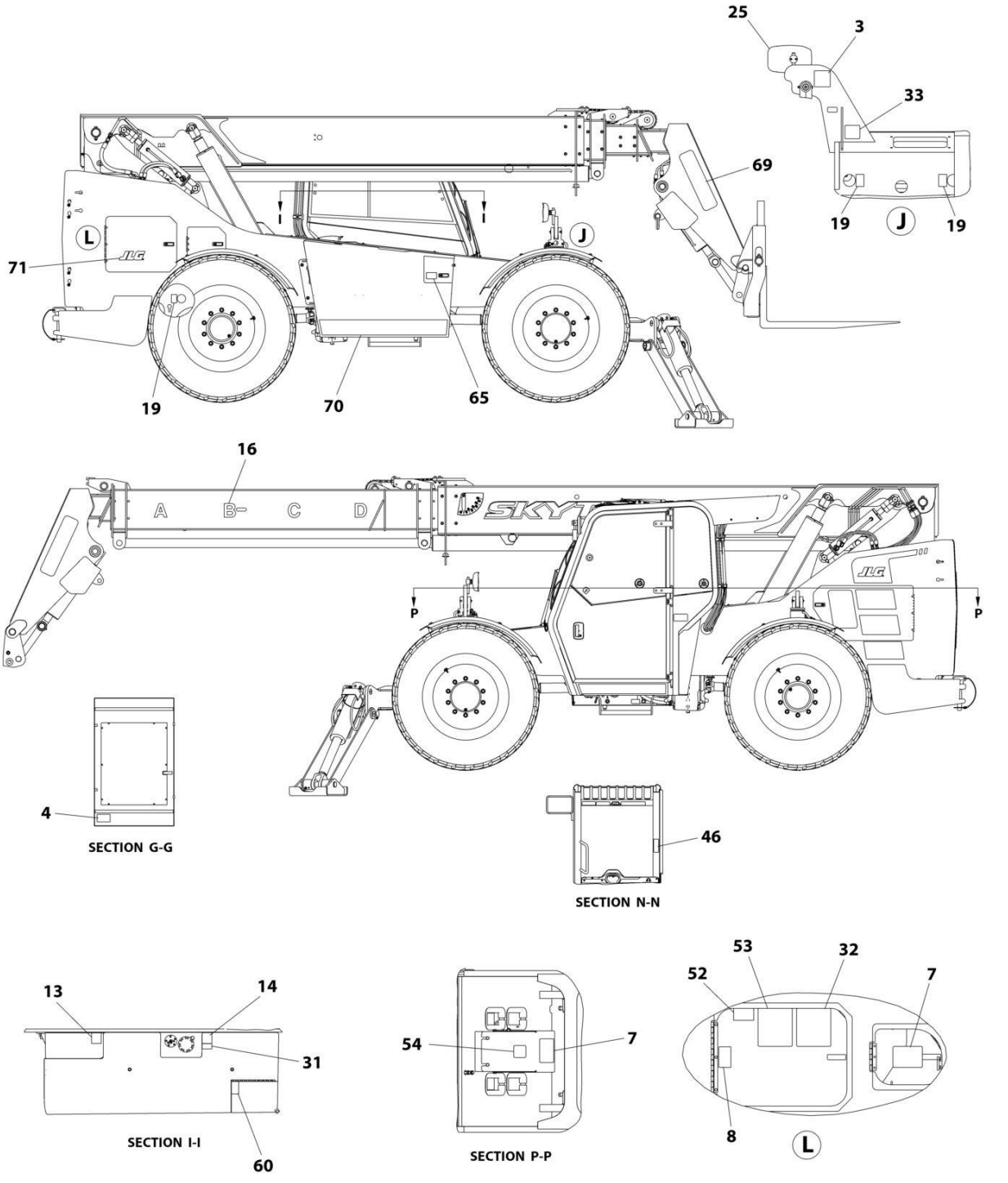
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296947	Ref	DECAL INSTALLATION HRC 110HP	A
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal - Manual	
3	See Note	1	Decal - Bar Code (Note: Not Available for Purchase)	
4	1706281	1	Decal - Battery Warning (ISO)	
5	1706282	1	Decal - Carry Personnel	
6	1706284	1	Decal - 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	
17	1706279	1	Decal - Warning Outrigger Contact	
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, 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	1001191996	1	Decal - Lubrication Chart 8042 (10054)	
33	1001131271	1	Decal - Telehandlers Patent	
34	1001139942	1	Decal - Hot Fluid Warning	
35	1001148177	1	Mirror, Rectangular	
40	1001259302	1	Decal - Cab Side	
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	
49	1001162737	1	Decal - Outrigger Control (10042,10054)	
52	1001173422	2	Decal - MCO 110HP	
53	1001202627	1	Decal - Maintenance Chart	
54	1001142452	1	Decal - No Step	
55	1001259303	1	Decal - Tank Side	
56	1001259305	1	Decal - Left Side Stripe	
57	1001259306	1	Decal - Right Side Stripe	
58	1001189327	1	Decal - Main Fuse Panel	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
59	1001189328	1	Decal - 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	1001263589	2	Decal - Model Boom Head	

SECTION 11 - DECALS

FIGURE 11-12. DECAL INSTALLATION HRC 110HP (SN 0160123816 through 0160123738, SN 0160123751 through 0160123753, SN 0160123775 through 0160123776, SN 0160123778 through 0160123808, Including 0160123764 and 0160123767)




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SECTION 11 - DECALS

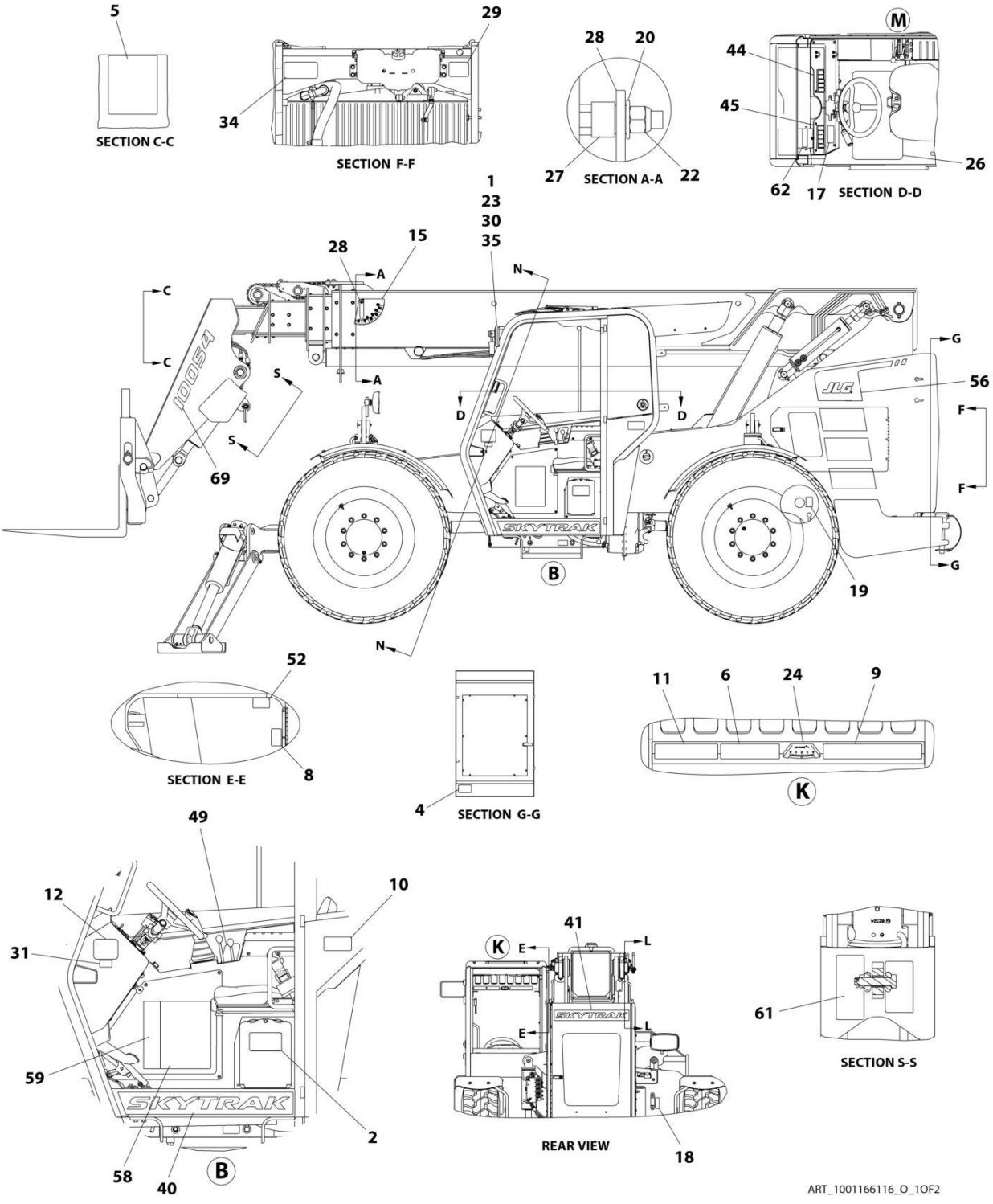
FIGURE 11-12. DECAL INSTALLATION HRC 110HP (SN 0160123816 through 0160123738, SN 0160123751 through 0160123753, SN 0160123775 through 0160123776, SN 0160123778 through 0160123808, Including 0160123764 and 0160123767)

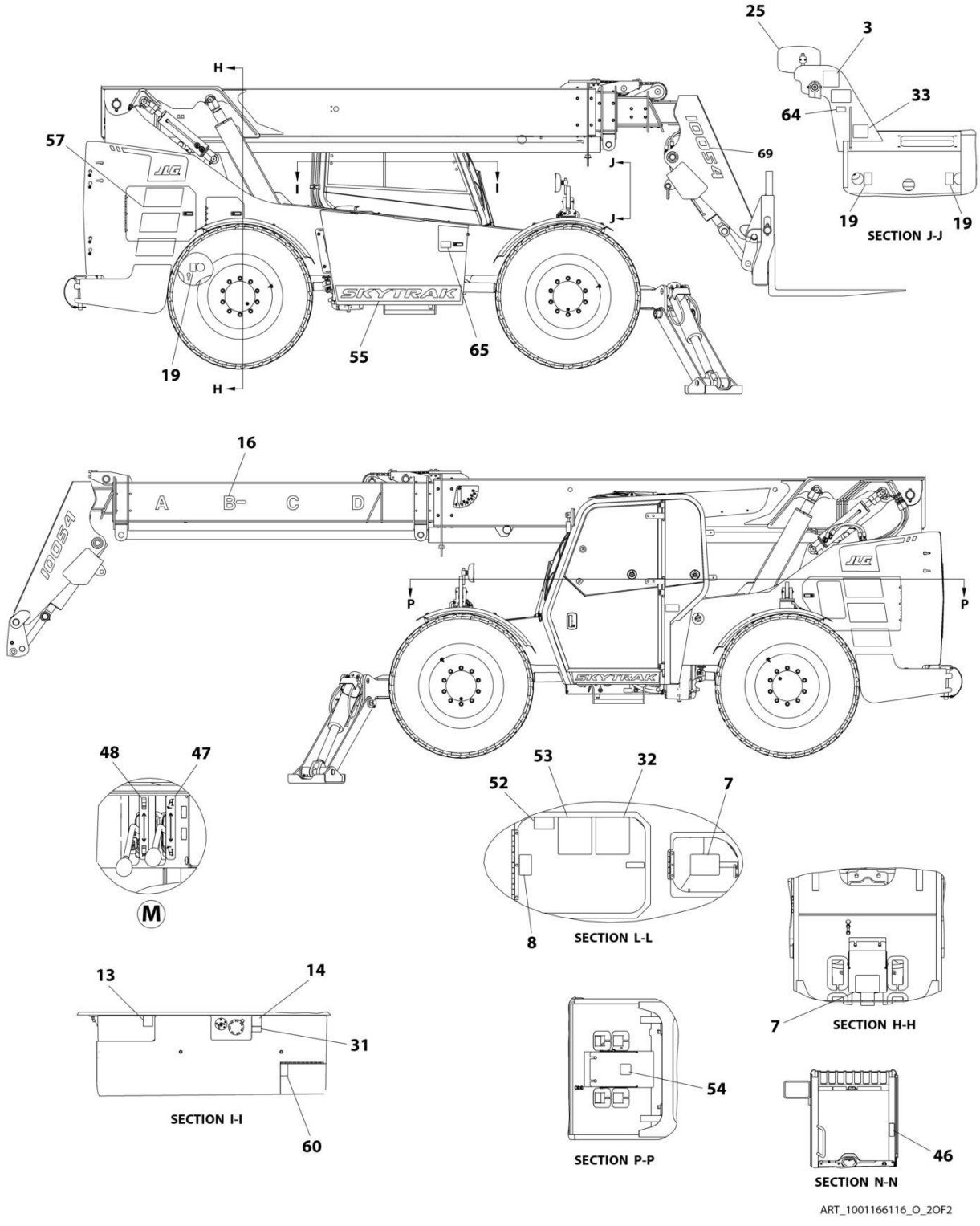
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296947	Ref	DECAL INSTALLATION HRC 110HP	B
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal - Manual	
3	See Note	1	Decal - Bar Code (Note: Not Available for Purchase)	
4	1706281	1	Decal - Battery Warning (ISO)	
5	1706282	1	Decal - Carry Personnel	
6	1706284	1	Decal - 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	
17	1706279	1	Decal - Warning Outrigger Contact	
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, 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	1001191996	1	Decal - Lubrication Chart 8042 (10054)	
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	
49	1001162737	1	Decal - Outrigger Control (10042,10054)	
52	1001173422	2	Decal - MCO 110HP	
53	1001202627	1	Decal - Maintenance Chart	
54	1001142452	1	Decal - No Step	
58	1001189327	1	Decal - Main Fuse Panel	
59	1001189328	1	Decal - Fuse panel	
60	1001196806	1	Decal - Diesel Exhaust Fluid	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
61	1001207218	1	Decal - Danger Swinging Load	
62	1001219211	1	Decal - Brake Fluid Spec	
65	1001230307	1	Decal - Cummins DEF Tank Service	
69	1001263589	2	Decal - Model Boom Head	
70	1001274439	2	Decal - Cab Side	
71	1001274444	2	Decal - JLG Logo	

SECTION 11 - DECALS

FIGURE 11-13. DECALS INSTALLATION - 110HP ULS (ENGLISH/FRENCH SPECS)




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SECTION 11 - DECALS

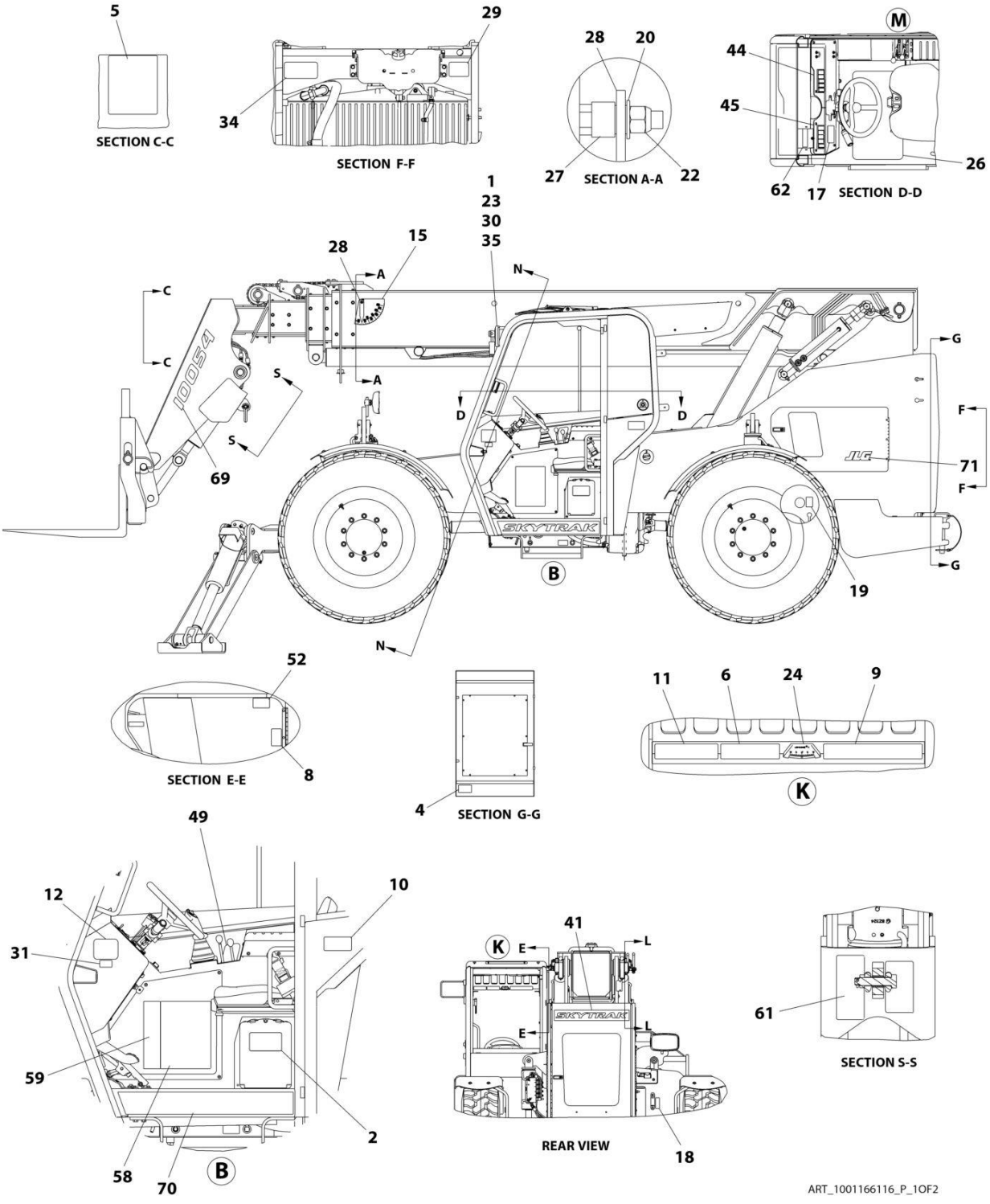
FIGURE 11-13. DECALS INSTALLATION - 110HP ULS (ENGLISH/FRENCH SPECS)

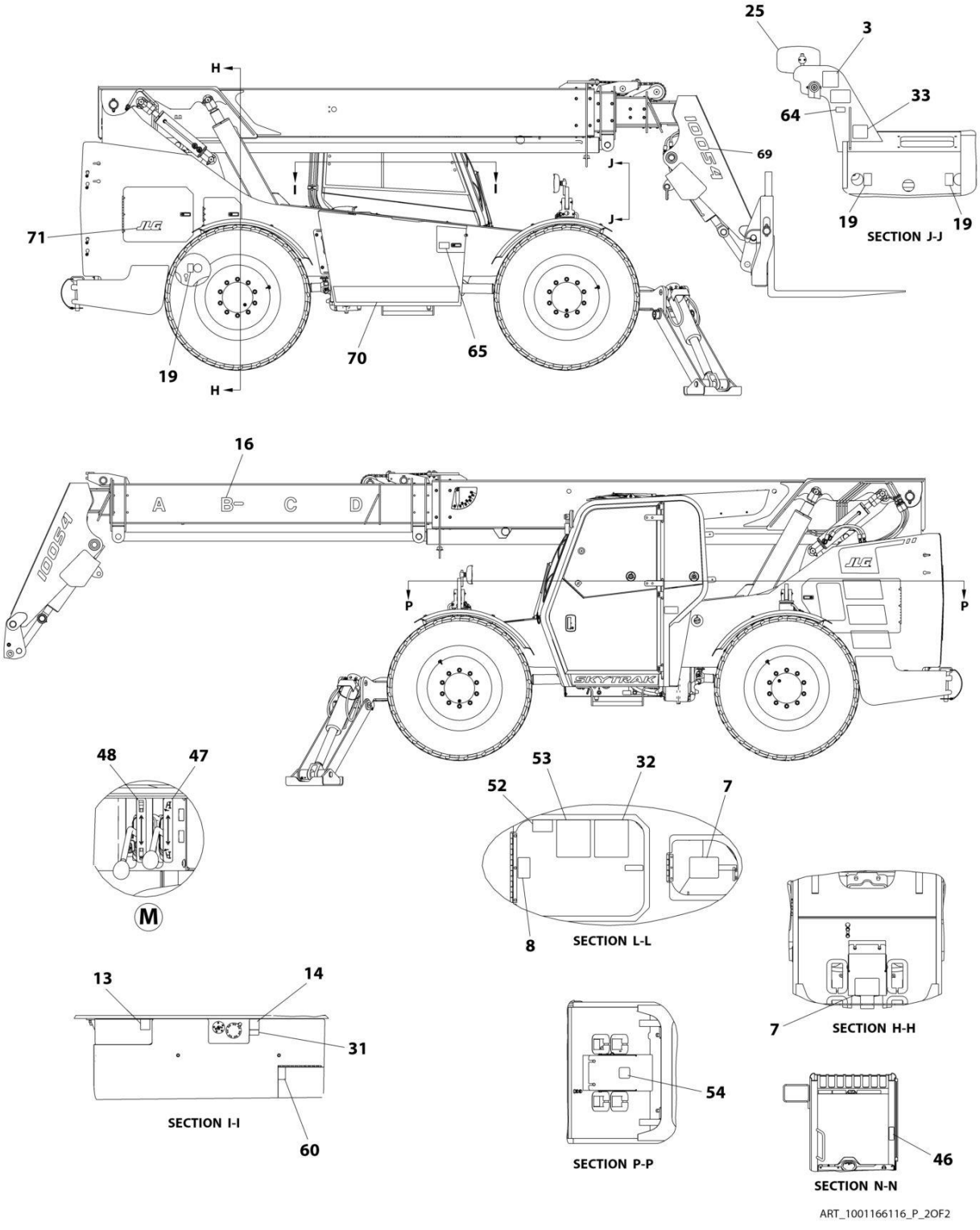
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166116	Ref	Decal Installation (ENGLISH/FRENCH) 110HP	O
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	1702631	1	Decal, Bar Code	
4	1001163174	1	Decal, Battery Warning (CAN)	
5	1001163206	1	Decal, Carry Personnel (CAN)	
6	1001163210	1	Decal, Electrocution Hazard (CAN)	
7	1001163212	2	Decal, Ether Starting Warning (CAN)	
8	1001163222	2	Decal, Keep Clear of Rotating Parts (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	
17	1001187239	1	Decal, Outrigger (ENG/FR)	
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	1001191996	1	Decal, Lubrication Chart (10054)	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001163323	1	Decal, Hot Fluid Warning (CAN)	
35	1001148177	1	Mirror, Rectangular	
40	1001259302	1	Decal, Cab Side	
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	
49	1001162737	1	Decal, Outrigger Control (10042,10054)	
52	1001173422	2	Decal, MCO 110HP	
53	1001174152	1	Decal, Maintenance Chart	
54	1001142452	1	Decal, No Step	
55	1001259303	1	Decal, Tank Side	
56	1001259305	1	Decal, Left Side Stripe	
57	1001259306	1	Decal, Right Side Stripe	
58	1001189327	1	Decal, Main Fuse Panel	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
59	1001189328	1	Decal, Fuse panel	
60	1001196806	1	Decal, Diesel Exhaust Fluid	
61	1001211278	1	Decal, Swinging Load Decal Kit (CAN)	
62	1001219211	1	Decal, Brake Fluid Spec	
64	1001223453	1	Decal, ICES (CAN)	
65	1001230309	1	Decal, EN/FR Cummins DEF Tank Services	
69	1001263589	2	Decal, Model Boom Head	

SECTION 11 - DECALS

FIGURE 11-14. DECALS INSTALLATION - 110HP ULS (ENGLISH/FRENCH SPECS)




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SECTION 11 - DECALS

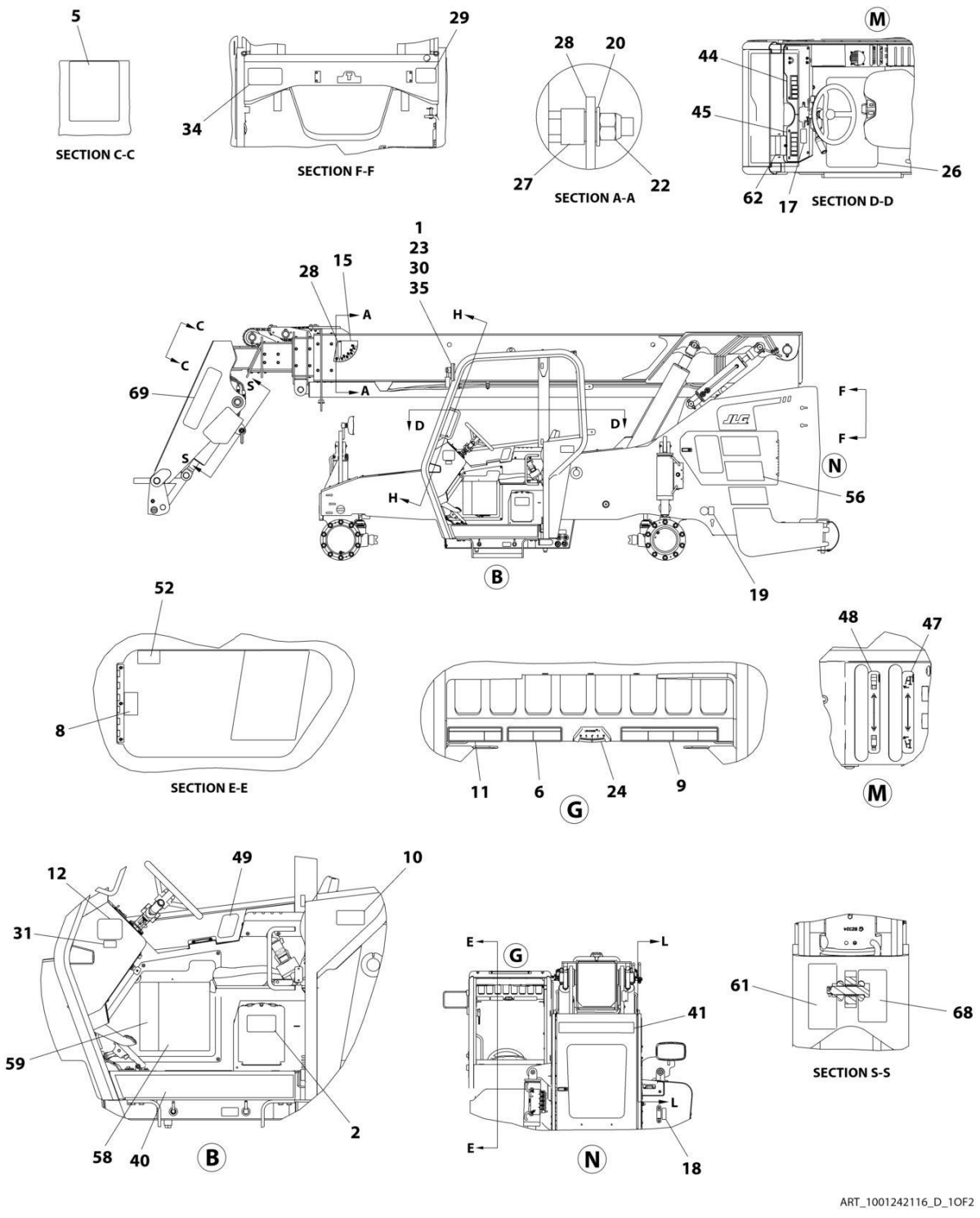
FIGURE 11-14. DECALS INSTALLATION - 110HP ULS (ENGLISH/FRENCH SPECS) (SN 0160123816 through 0160123738, SN 0160123751 through 0160123753, SN 0160123775 through 0160123776, SN 0160123778 through 0160123808, Including 0160123764 and 0160123767)

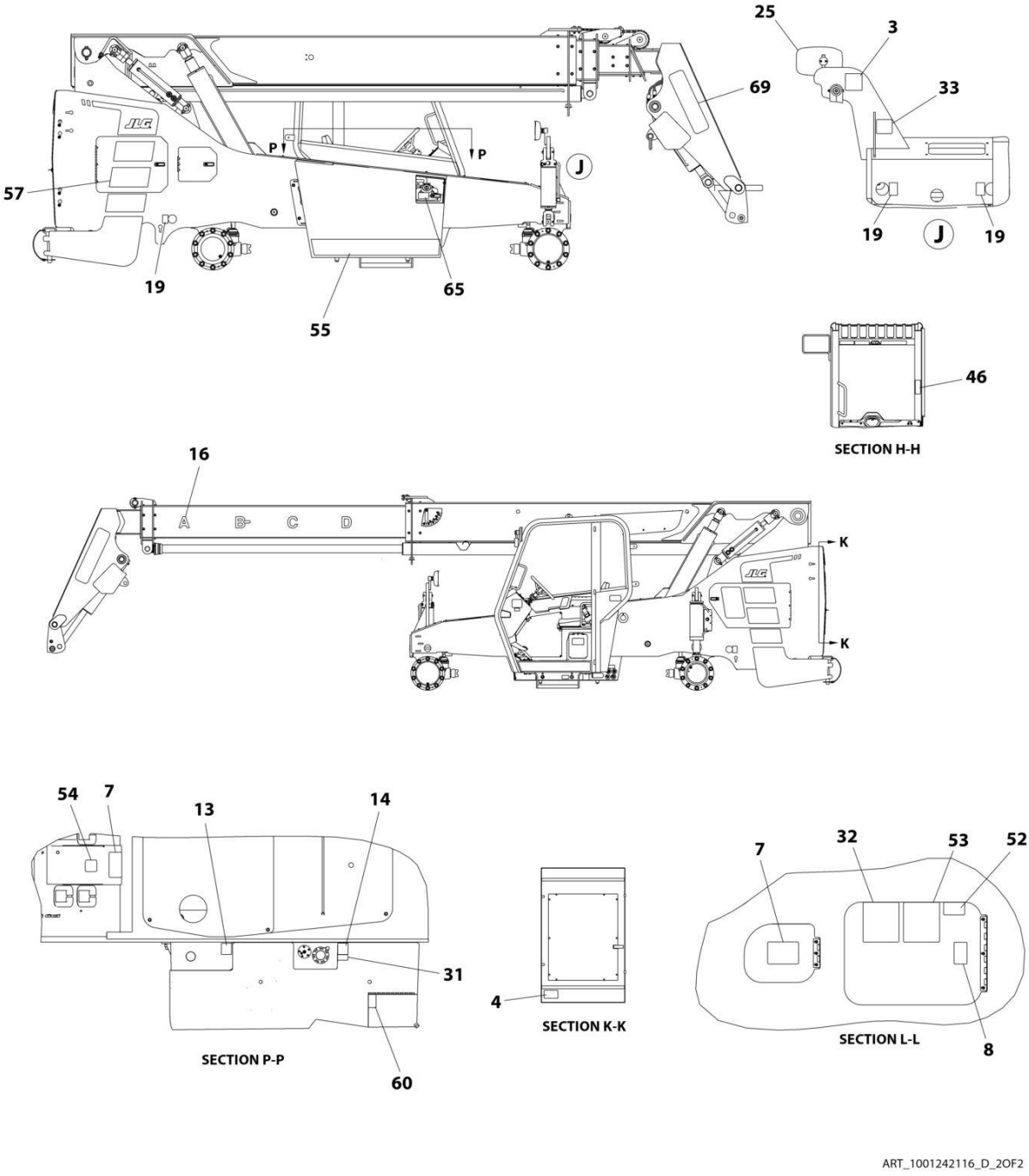
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166116	Ref	DECALS INSTALLATION (ENGLISH/FRENCH) 110HP - 10054 (10054)	P
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	1702631	1	Decal, Bar Code	
4	1001163174	1	Decal, Battery Warning (CAN)	
5	1001163206	1	Decal, Carry Personnel (CAN)	
6	1001163210	1	Decal, Electrocution Hazard (CAN)	
7	1001163212	2	Decal, Ether Starting Warning (CAN)	
8	1001163222	2	Decal, Keep Clear of Rotating Parts (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	
17	1001187239	1	Decal, Outrigger (ENG/FR)	
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	1001191996	1	Decal, Lubrication Chart 10054 (10054)	
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	
49	1001162737	1	Decal, Outrigger Control 10054 & 10042 (10042,10054)	
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	
59	1001189328	1	Decal, Fuse panel	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
60	1001196806	1	Decal, Diesel Exhaust Fluid	
61	1001211278	1	Decal, Swinging Load Decal Kit (CAN)	
62	1001219211	1	Decal, Brake Fluid Spec	
64	1001223453	1	Decal, ICES (CAN)	
65	1001230309	1	Decal, EN/FR Cummins DEF Tank Services	
69	1001263589	2	Decal, Model Boom Head	
70	1001274439	2	Decal - Cab Side	
71	1001274444	2	Decal - JLG Logo	

SECTION 11 - DECALS

FIGURE 11-15. DECALS INSTALLATION - 110HP ULS (ENGLISH/SPANISH SPECS)




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SECTION 11 - DECALS

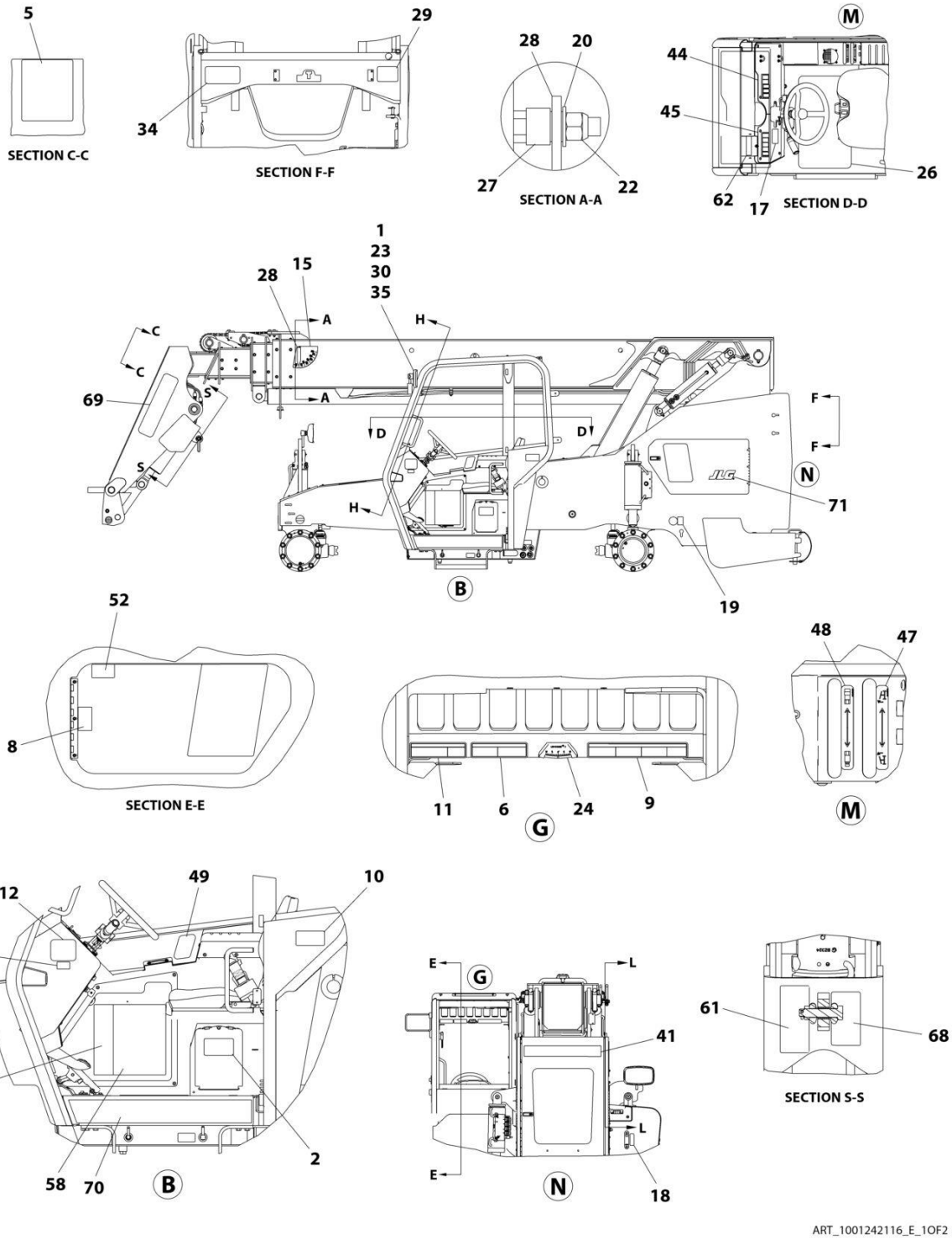
FIGURE 11-15. DECALS INSTALLATION - 110HP ULS (ENGLISH/SPANISH SPECS)

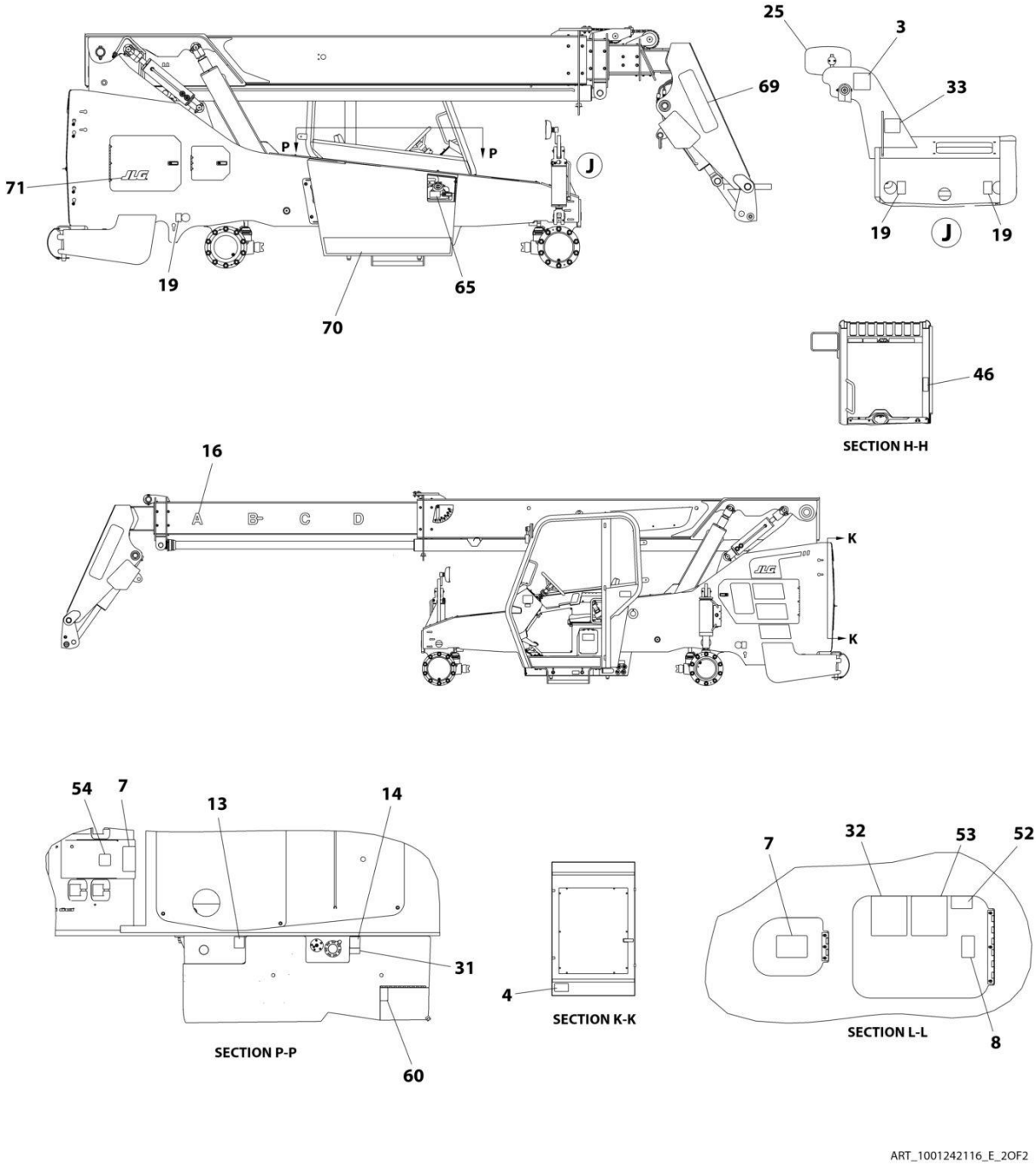
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242116	Ref	Decal Installation (ENG/SPAN) 110HP	D
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001235794	1	Decal, Battery Warning (SPAN)	
5	1001235796	1	Decal, Carry Personnel (SPAN)	
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	
17	1001242122	1	Decal, Outrigger (ENG/SPAN)	
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	1001191996	1	Decal, Lubrication Chart (10054)	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001235805	1	Decal, Hot Fluid Warning (SPAN)	
35	1001148177	1	Mirror, Rectangular	
40	1001259302	1	Decal, Cab Side	
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	
49	1001162737	1	Decal, Outrigger Control (10042,10054)	
52	1001236312	2	Decal, MCO 110HP (SPAN)	
53	1001174152	1	Decal, Maintenance Chart	
54	1001142452	1	Decal, No Step	
55	1001259303	1	Decal, Tank Side	
56	1001259305	1	Decal, Left Side Stripe	
57	1001259306	1	Decal, Right Side Stripe	
58	1001189327	1	Decal, Main Fuse Panel	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
59	1001189328	1	Decal, 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	1001263589	2	Decal, Model Boom Head	

SECTION 11 - DECALS

FIGURE 11-16. DECALS INSTALLATION - 110HP ULS (ENGLISH/SPANISH SPECS) (SN 0160123816 through 0160123738, SN 0160123751 through 0160123753, SN 0160123775 through 0160123776, SN 0160123778 through 0160123808, Including 0160123764 and 0160123767)




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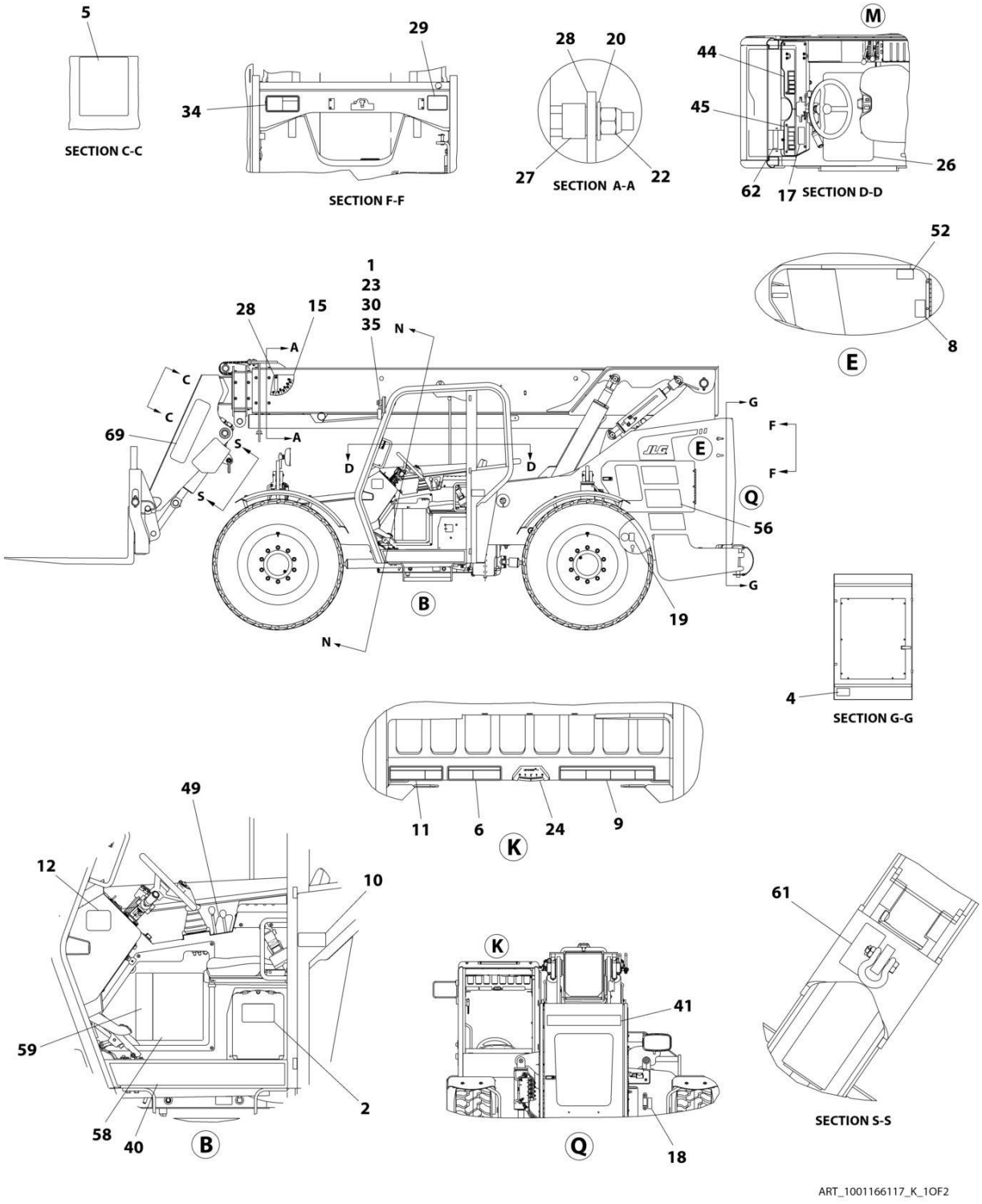
SECTION 11 - DECALS

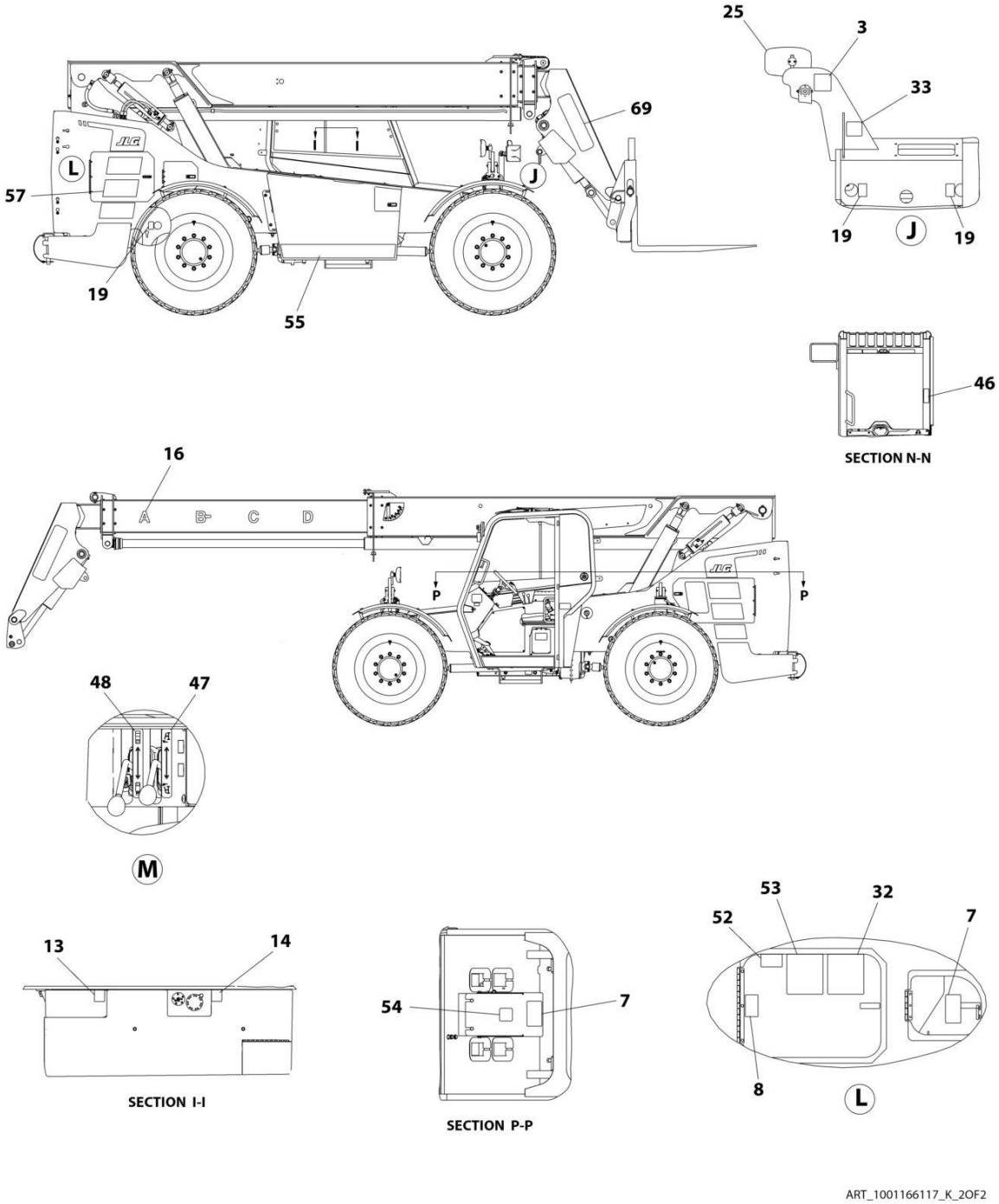
FIGURE 11-16. DECALS INSTALLATION - 110HP ULS (ENGLISH/SPANISH SPECS) (SN 0160123816 through 0160123738, SN 0160123751 through 0160123753, SN 0160123775 through 0160123776, SN 0160123778 through 0160123808, Including 0160123764 and 0160123767)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242116	Ref	DECALS INSTALLATION (ENG/SPAN) 110HP - 10054	E
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	
17	1001242122	1	Decal, Outrigger (ENG/SPAN)	
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	1001191996	1	Decal, Lubrication Chart 10054	
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	
49	1001162737	1	Decal, Outrigger Control (10054 & 10042)	
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	
59	1001189328	1	Decal, Fuse panel	
60	1001196806	1	Decal, Diesel Exhaust Fluid	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
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	1001263589	2	Decal, Model Boom Head	
70	1001274439	2	Decal - Cab Side	
71	1001274444	2	Decal - JLG Logo	

FIGURE 11-17. DECALS INSTALLATION - 110HP LS (ISO DECALS)




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SECTION 11 - DECALS

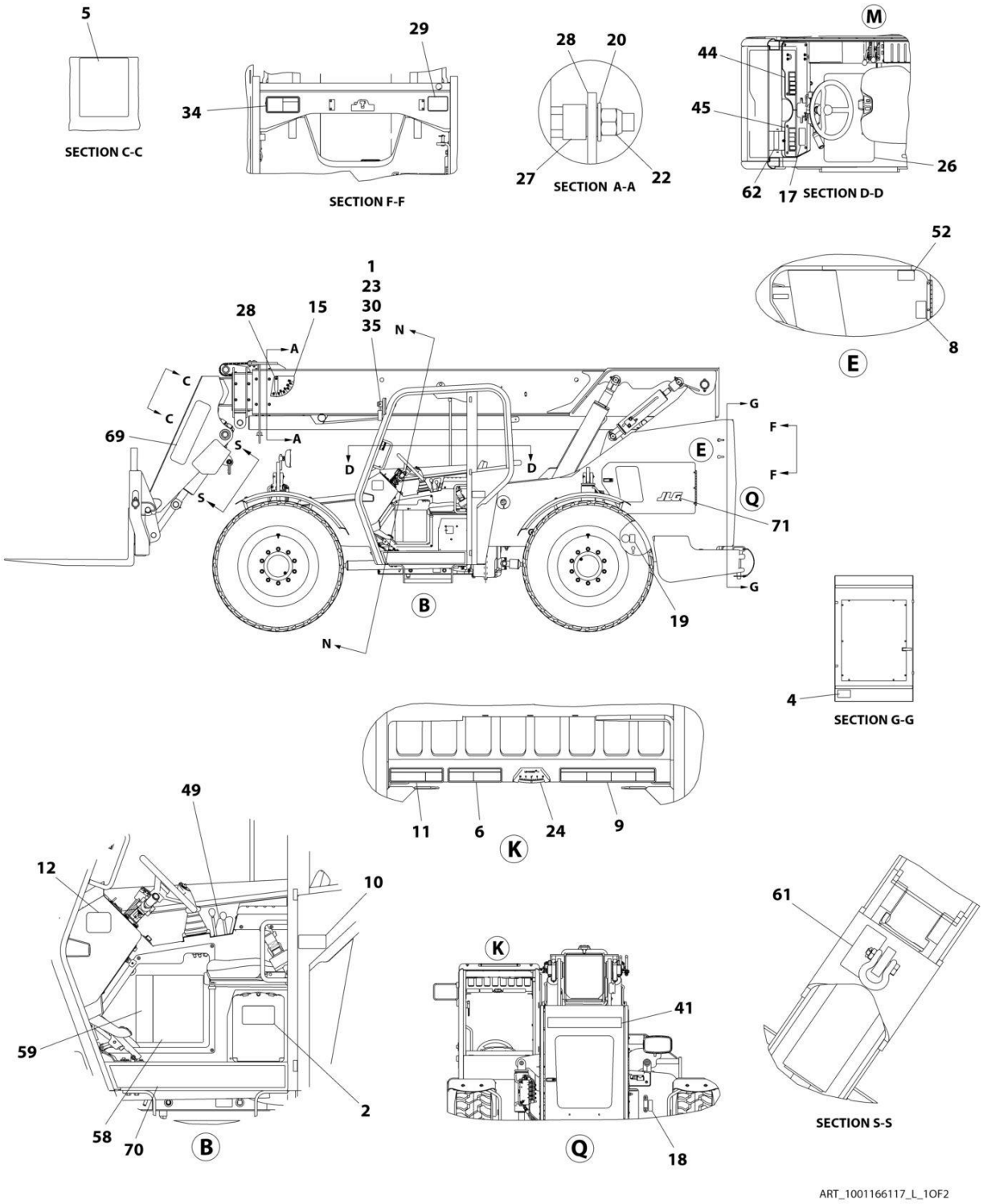
FIGURE 11-17. DECALS INSTALLATION - 110HP LS (ISO DECALS)

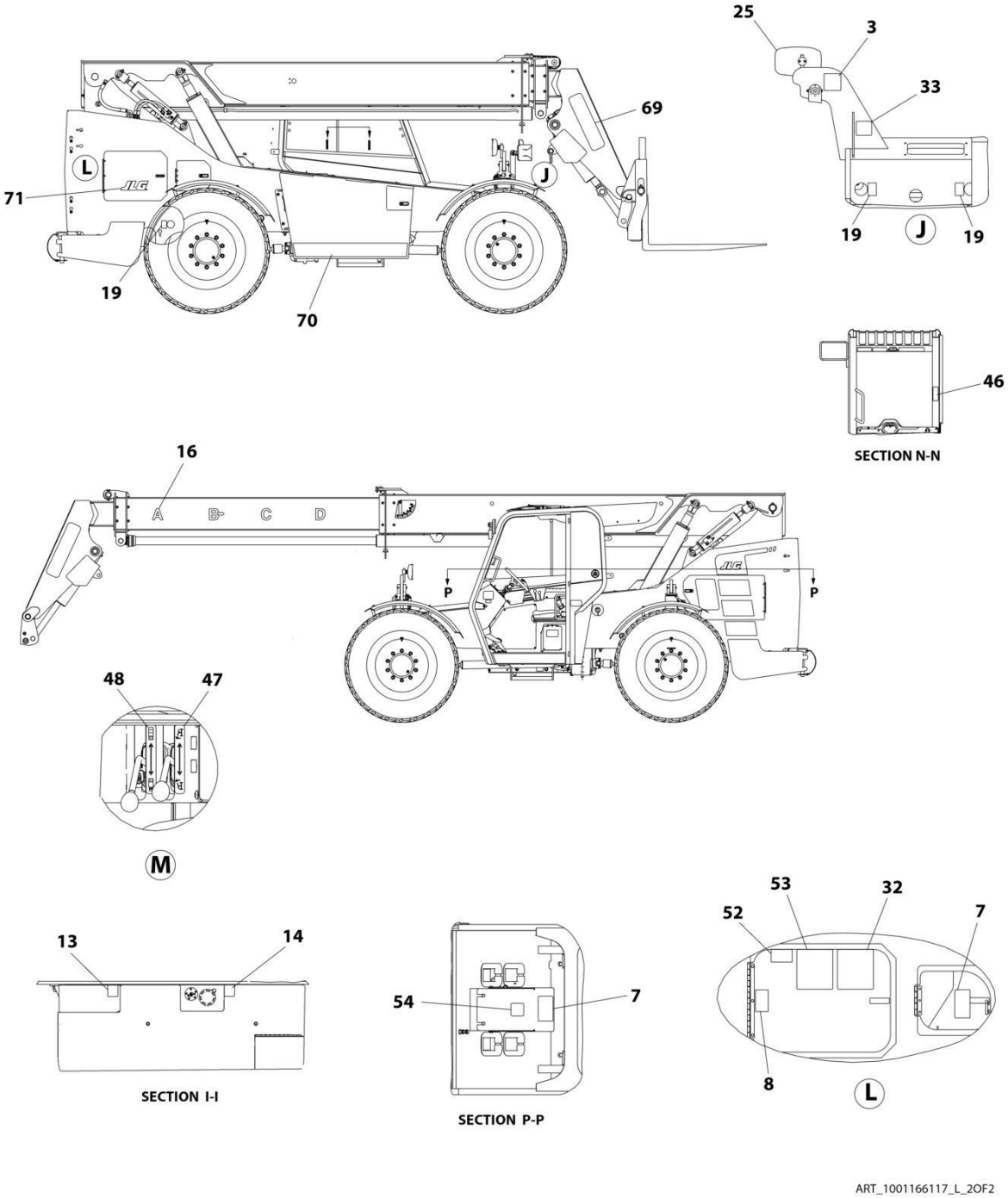
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166117	Ref	Decal Installation (ISO)	K
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1706281	1	Decal, Battery Warning	
5	1706282	1	Decal, Carry Personnel	
6	1706284	1	Decal, Electrocution 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	
17	1706279	1	Decal, Warning Outrigger Contact, ISO	
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	
32	1001191996	1	Decal, Lubrication Chart (10054)	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001139942	1	Decal, Hot Fluid Warning	
35	1001148177	1	Mirror, Rectangular	
40	1001259302	1	Decal, Cab Side	
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	
49	1001162737	1	Decal, Outrigger Control (10042,10054)	
52	1001173422	2	Decal, MCO 110HP	
53	1001202627	1	Decal, Maintenance Charts	
54	1001142452	1	Decal, No Step	
55	1001259303	1	Decal, Tank Side	
56	1001259305	1	Decal, Left Side Stripe	
57	1001259306	1	Decal, Right Side Stripe	
58	1001189327	1	Decal, Main Fuse Panel	
59	1001189328	1	Decal, Fuse Panel	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
61	1001207218	1	Decal, Danger Swinging Load	
62	1001219211	1	Decal, Brake Fluid Spec	
69	1001263589	2	Decal, Model Boom Head	

SECTION 11 - DECALS

FIGURE 11-18. DECALS INSTALLATION - 110HP LS (ISO DECALS) (SN 0160123816 through 0160123738, SN 0160123751 through 0160123753, SN 0160123775 through 0160123776, SN 0160123778 through 0160123808, Including 0160123764 and 0160123767)




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SECTION 11 - DECALS

FIGURE 11-18. DECALS INSTALLATION - 110HP LS (ISO DECALS) (SN 0160123816 through 0160123738, SN 0160123751 through 0160123753, SN 0160123775 through 0160123776, SN 0160123778 through 0160123808, Including 0160123764 and 0160123767)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166117	Ref	DECALS INSTALLATION (ISO) - 10054 (10054)	L
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	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	
17	1706279	1	Decal, Warning Outrigger Contact, ISO	
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	
32	1001191996	1	Decal, Lubrication Chart 10054 (10054)	
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, 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	
49	1001162737	1	Decal, Outrigger Control, 10054 & 10042 (10042,10054)	
52	1001173422	2	Decal, MCO 110HP	
53	1001202627	1	Decal, Maintenance Charts	
54	1001142452	1	Decal, No Step	
58	1001189327	1	Decal, Main Fuse Panel	
59	1001189328	1	Decal, Fuse Panel	
61	1001207218	1	Decal, Danger Swinging Load	
62	1001219211	1	Decal, Brake Fluid Spec	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
69	1001263589	2	Decal, Model Boom Head	
70	1001274439	2	Decal - Cab Side	
71	1001274444	2	Decal - JLG Logo	

FIGURE 11-19. BOOM DECALS INSTALLATION

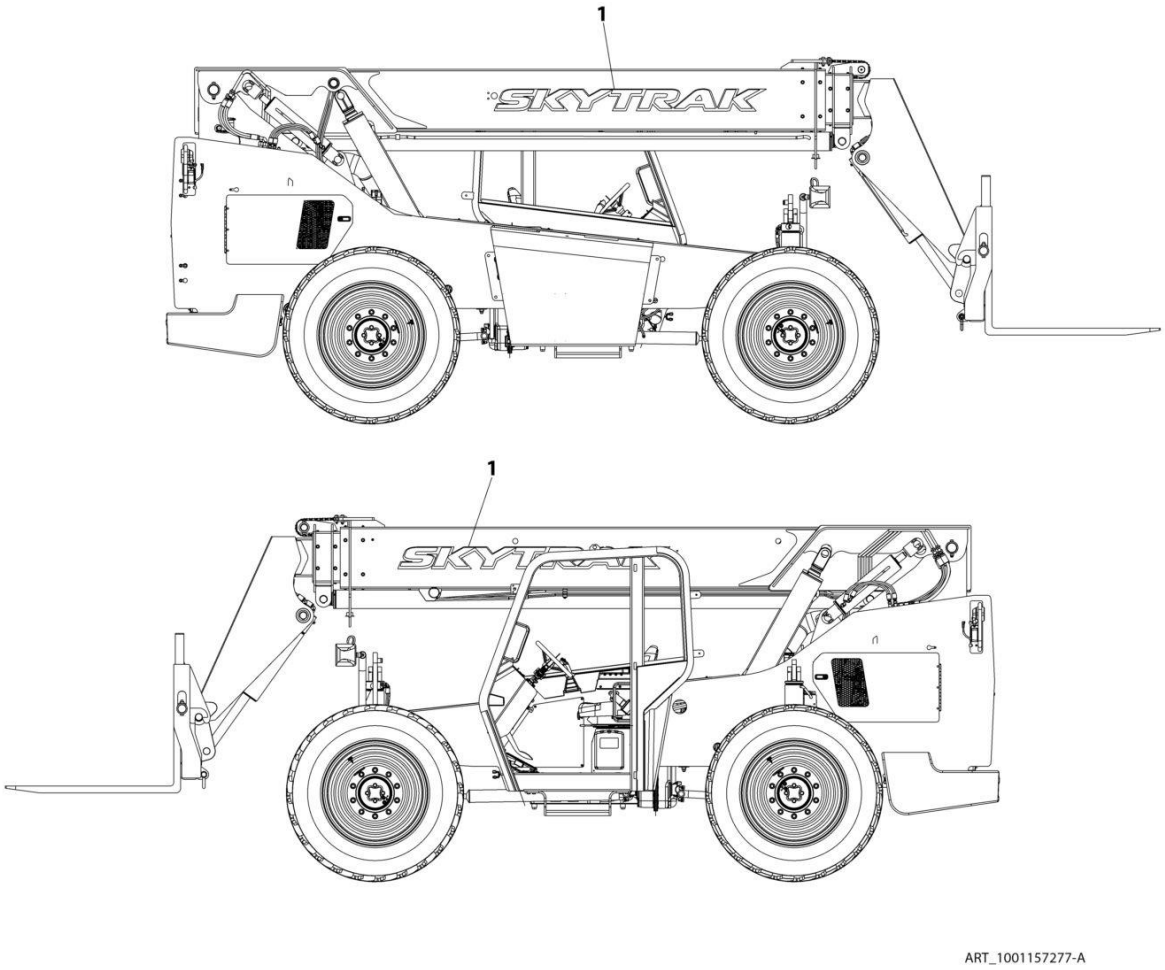
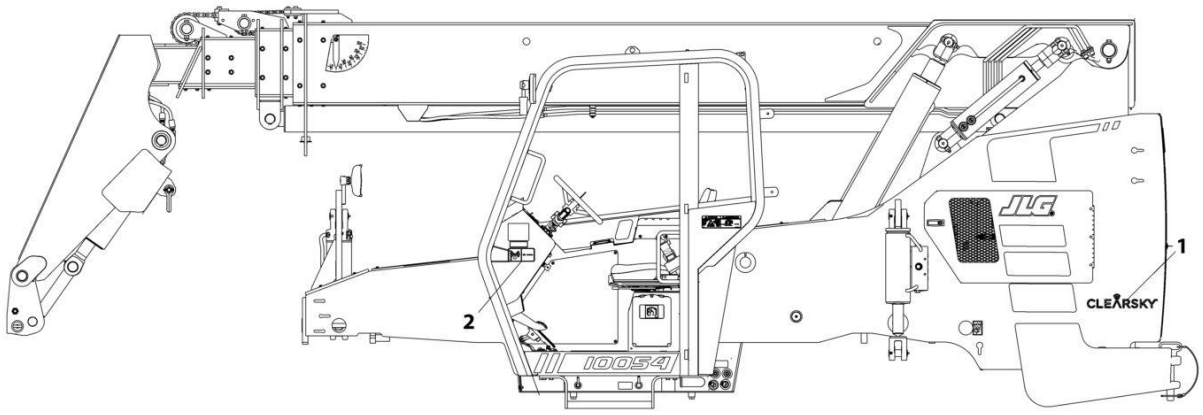


FIGURE 11-19. BOOM DECALS INSTALLATION

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

FIGURE 11-20. CLEARSKY DECALS INSTALLATION

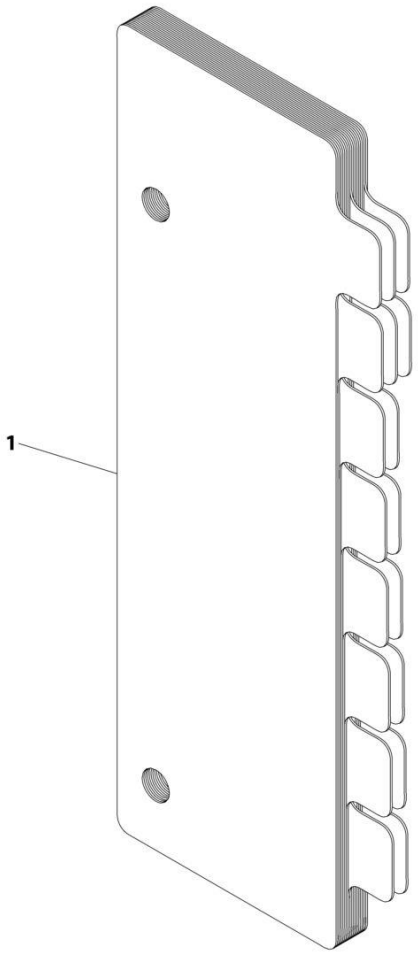


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FIGURE 11-20. CLEARSKY DECALS INSTALLATION

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

FIGURE 11-21. LOAD CHART BOOKLET (ANSI)

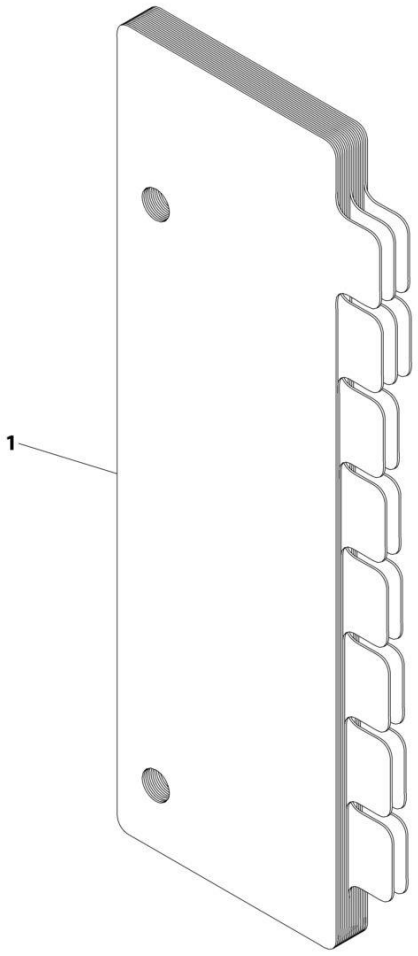


ART_1001211875

FIGURE 11-21. LOAD CHART BOOKLET (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001211875	1	Capacity Chart (ANSI)	

FIGURE 11-22. LOAD CHART BOOKLET (ISO)



ART_1001211876

FIGURE 11-22. LOAD CHART BOOKLET (ISO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001211876	1	Capacity Chart (ISO)	

FIGURE 11-23. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH)

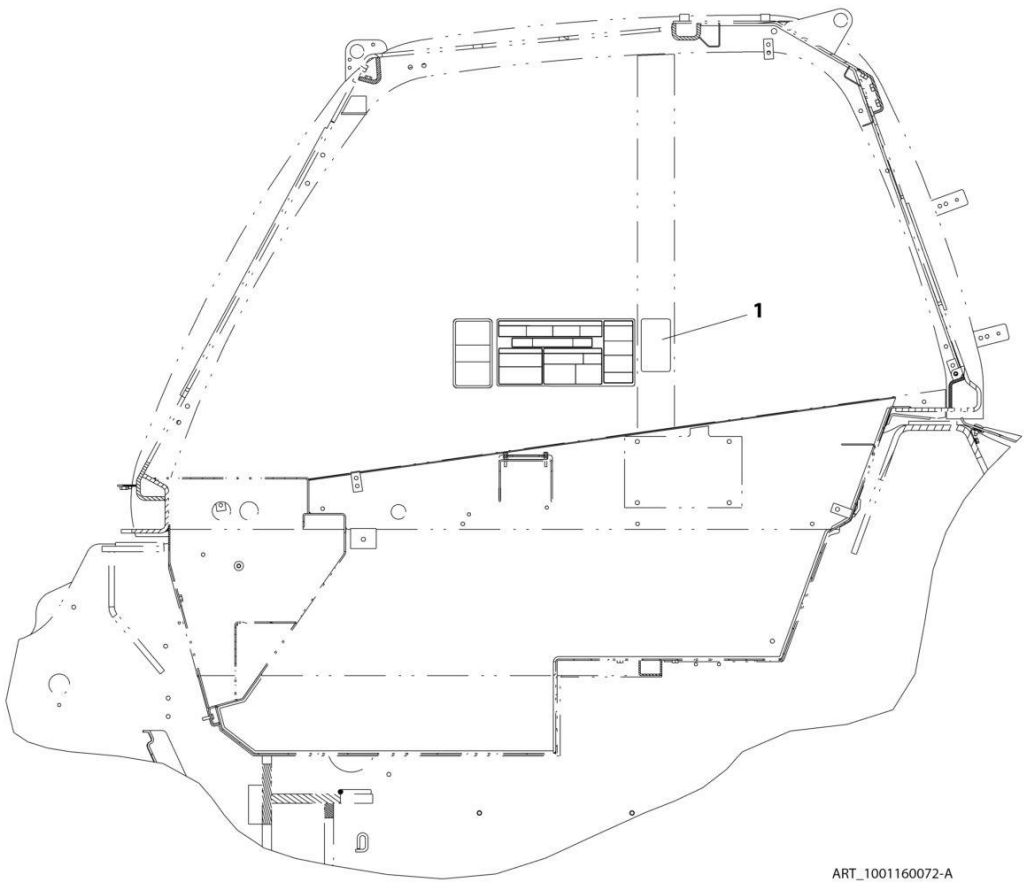


FIGURE 11-23. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH)

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

FIGURE 11-24. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH/FRENCH)

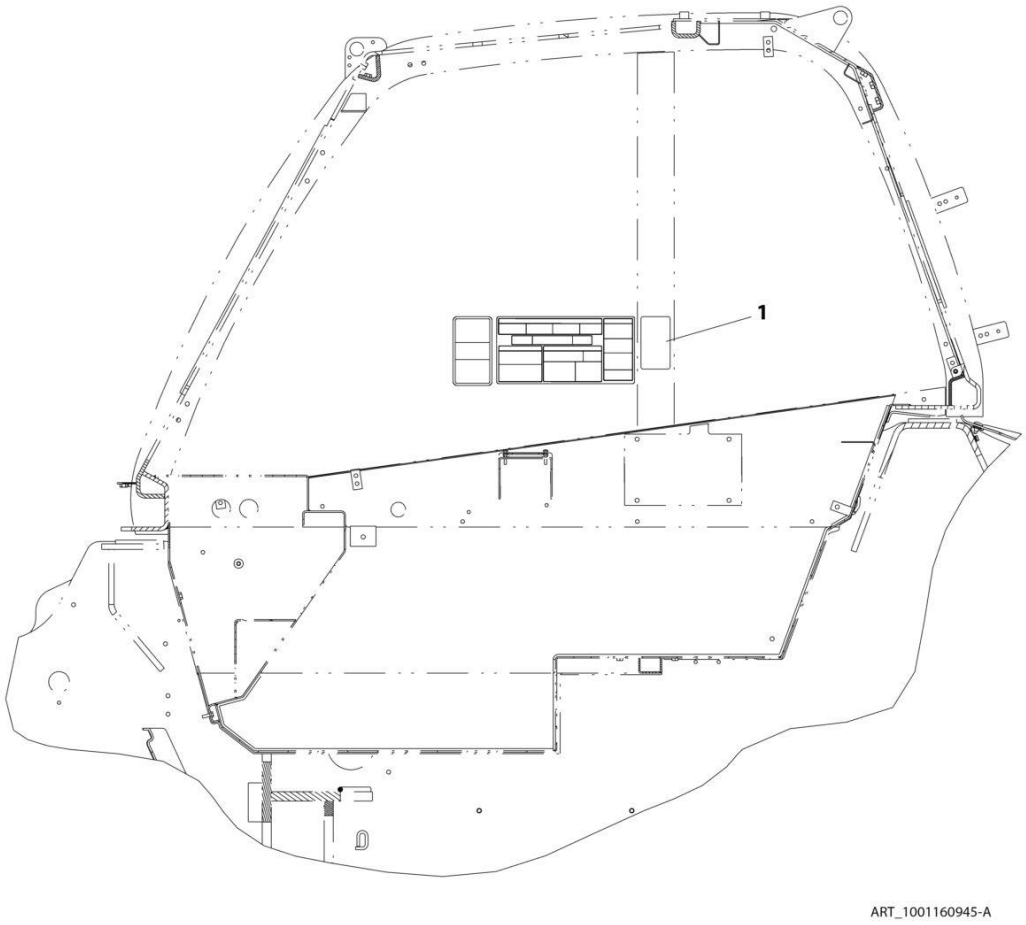


FIGURE 11-24. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH/FRENCH)

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

FIGURE 11-25. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH/SPANISH)

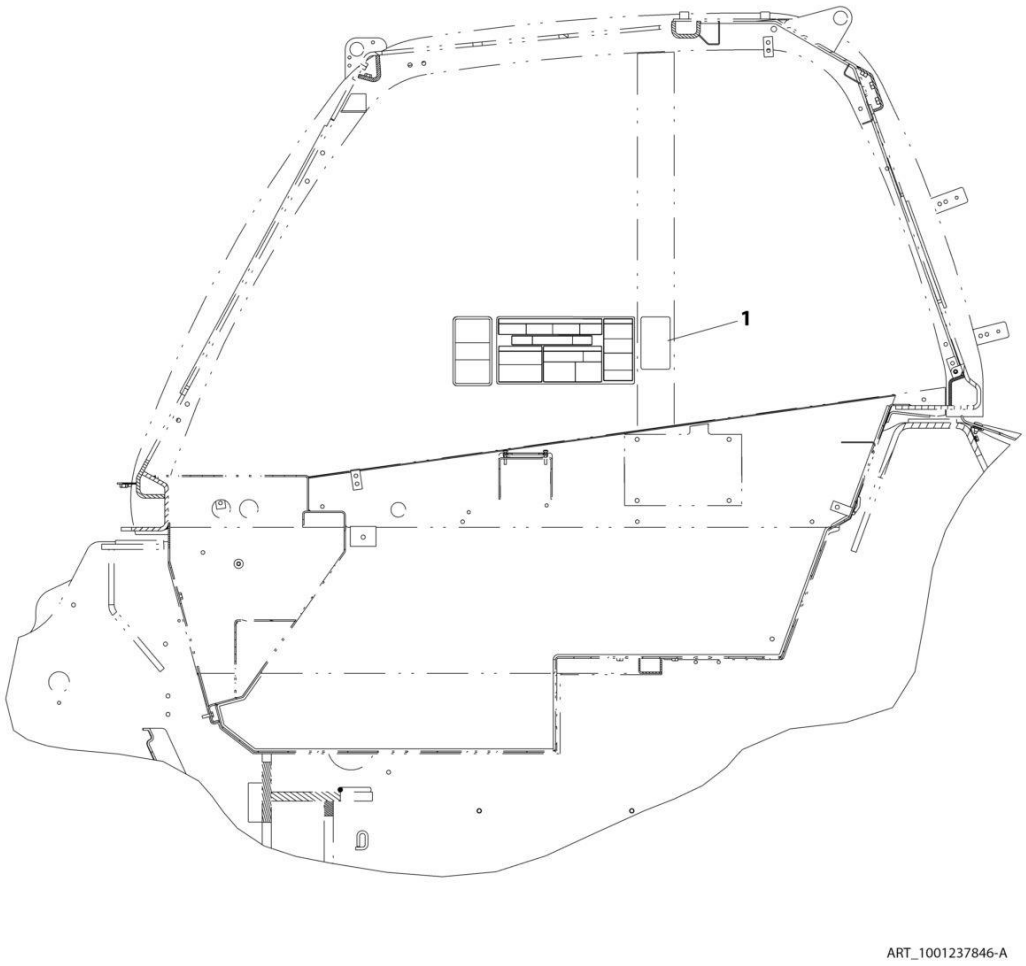


FIGURE 11-25. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH/SPANISH)

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

FIGURE 11-26. REVERSE SENSING SYSTEM DECAL INSTALLATION (ISO)

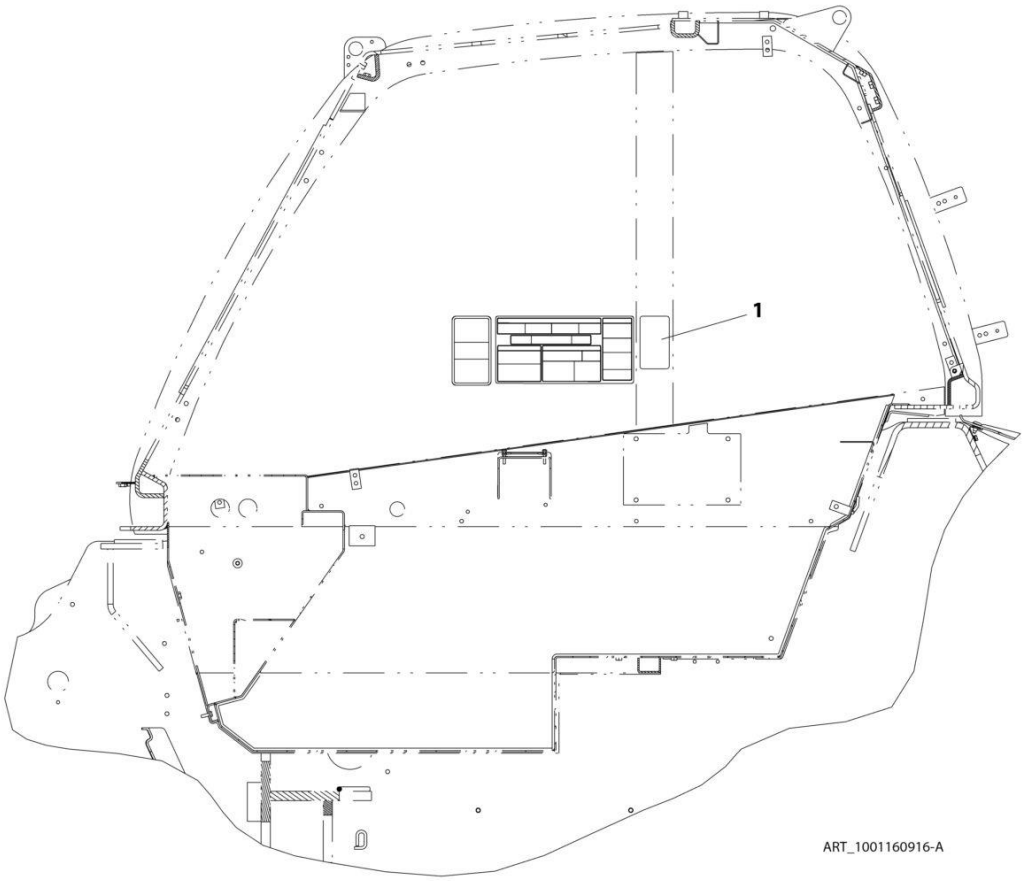


FIGURE 11-26. REVERSE SENSING SYSTEM DECAL INSTALLATION (ISO)

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.	
	70026085	1	Coil (Secondary Valve)	
	7029246	1	Coil, Solenoid (Stabil-Trak)	
	1001203181	1	Control (ASOV)	
	1001210703	1	Control, Cab	
	1001247421	1	Control, Reverse Sensor	
	1001173581	1	Controller, Auxiliary	
	1001173582	1	Controller, Frame Level	
	1001158002	1	Controller, Pilot Joystick	
	1600429	1	Controller, Transmission	
	8223073	1	Controller, Turn Signal (Road Lights)	
		Ref	Engine - 74HP (ULS)	
	70026234	12	Element, Fuel Filter Primary	
	70026453	12	Element, Fuel Filter Secondary	
	70026237	12	Filter, Oil	
	70025852	12	Filter, Primary Air	
	70025853	12	Filter, Secondary Air	
	8229242	2	Fuse, 5A	
		Ref	Engine - 110HP (ULS)	
	70026453	12	Element, Fuel Filter Secondary	
	70026237	12	Filter, Oil	
	70025852	12	Filter, Primary Air	
	70025853	12	Filter, Secondary Air	
	8229244	2	Fuse, 15A	
	8229242	2	Fuse, 5A	
	1001095704	1	Relay	
		Ref	Engine - 110HP (LS)	
	70026234	12	Element, Fuel Filter Primary	
	70026801	12	Element, Fuel Filter Secondary	
	70026237	12	Filter, Oil	
	1101312	12	Filter, Primary Air	
	1101313	12	Filter, Secondary Air	
	1001199205	12	Element, Filter (Hydraulic)	
	7139077	1	Filler/Breather (Hydraulic)	
	1001228872	12	Filter, Coolant Screen	
	8229261	2	Fuse 5A (Cab Distribution Harness)	
	8229233	2	Fuse, 7.5A (Cab Distribution Harness)	
	8229243	2	Fuse, 7.5A Mini (Logic Harness)	
	8229234	2	Fuse, 10A (Cab Distribution Harness & ASOV Harness)	
	8229237	2	Fuse, 15A (Cab Distribution Harness)	
	8229235	2	Fuse, 20A (Cab Distribution Harness & ASOV Harness)	
	8229238	2	Fuse, 40A (Cab Distribution Harness)	
	1001118245	2	Fuse, 250A (Relay Panel)	
	1001129285	2	Fuse, Mini Diode (Cab Distribution Harness)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001127699	2	Fuse, Power Module (Relay Panel)	
	70021948	1	Key, Cab Door	
	8035807	1	Key, Ignition	
	2940074	1	Latch (Fork Mounted Platform)	
	1001262322	1	Module, 4G (ClearSky - Canbus)	
	1001228954	1	Module (ClearSky - Canbus CE)	
	1001226328	1	Module, 3W-TCU (ClearSky 3-Wire, North America)	
	1001233236	1	Module, 3W-TCU (ClearSky 3-Wire, CE)	
	3740080	1	Relay, ASOV	
	1001205172	1	Relay, Micro 280, 12V, 35 Amp (Cab Distribution Harness & Logic Harness)	
	70026986	1	Relay, 12V 30/40A (Heater & AC)	
	1001186417	1	Relay, 150 Amp (Relay Panel)	
	1001184316	1	Relay, Power Module (Relay Panel)	
	1001130307	1	Sensor, Boom	
	1001245478	1	Sensor, Coolant Level	
	1001145026	1	Sensor, Fuel	
	1001169077	1	Sensor, PRS Temperature (Air Cleaner)	
	1001215941	1	Switch, ASOV	
	8223038	1	Switch, Beacon (Beacon Install)	
	8223025	1	Switch, Brake Lights (Road Light Package)	
	8223060	1	Switch, Hazard (Road Light Package)	
	7138878	1	Switch, Horn (Cab - All)	
	4360690	1	Switch, Ignition (Cab - All)	
	1001170269	1	Switch, Outrigger (Electrical Installation)	
	8223054	1	Switch, Park Brake (Cab - All)	
	8223037	1	Switch, Steer Select (Cab -All)	
	8223044	1	Switch, Windscreen Washer (Enclosed Cab)	
	8223043	1	Switch, Windscreen Wiper (Enclosed Cab)	
	8223059	1	Switch, Work Light (LED Work Light 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	
	1001214790	Ref	Aftermarket Kits	O
	1001239455	Ref	Backup Camera Kit	
	1001109532	Ref	Baffle Kit	
	1001214398	Ref	Battery Disconnect Kit	
	1001126387	Ref	Bearing Retainer Kit	
	8024032	Ref	Boom Chain Kit - Extend	
	8024053	Ref	Boom Chain Kit - Extend (4th Boom)	
	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	
	2910996	Ref	Boom Wear Pads Kit	
	1001167009	Ref	Brake Inlet pressure Kit	
	1001201455	Ref	Cab A/C Kit	
	1001154226	Ref	Cab Cooler Vent Kit	
	1001280231	Ref	Cab Door Window 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	
	1001268341	Ref	Camera Kit - Multi-View Rear	
	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)	
	1001262156	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	
	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	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258010	Ref	Fender Kit	
	1001150524	Ref	Filter Kit - 250Hour (LS)	
	1001199737	Ref	Filter Kit - 500Hour	
	1001199738	Ref	Filter Kit - 1000Hour	
	1001239988	Ref	Fire Extinguisher Kit	
	1001224162	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)	
	1001137627	Ref	Lights - Worklight Kit	
	1001238893	Ref	Lights - Worklight Kit (LED)	
	1001188068	Ref	Luk Coupler Kit	
	1001281475	1	Quick Oil Change Valve	
	1001253829	Ref	Reverse Sensing System Kit (All)	
	1001296148	Ref	Road Light Option	
	1001130717	Ref	Service Kits	Z
	1001265373	Ref	Skytrak Telematics Harness Kit	
	1001196630	Ref	Steer Kit - Orbital	
	1001248572	Ref	Tire Kit (Set of 4) G2 14.00 x 24 Foam-Filled	
	1001248573	Ref	Tire Kit (Set of 4) G2 14.00 x 24 Pneumatic	
	1001274257	Ref	Tire Kit (Set of 4) Solid 13x28 Directional	
	1001274302	Ref	Tire Kit (Set of 4) Solid 13x28 Non-Directional	
	1001274305	Ref	Tire Kit (Set of 4) Solid 14x28 Directional	
	1001274307	Ref	Tire Kit (Set of 4) Solid 14x28 Non-Directional	
	1001274718	Ref	Tire Kit (Set of 4) Solid 13x24 Directional	
	1001274721	Ref	Tire Kit (Set of 4) Solid 13x24 Directional	
	1001262436	Ref	Tire Kit (Set of 4) Turf Pneumatic, ZF Axles	
		Ref	Tools for Service	
	1001249695	Ref	Tools- Analyzer and Cable Kit	
	1001249941	Ref	Tools- Analyzer and Cable Kit (Battery Powered)	
	70022871	Ref	Tools - Counter Support, ZF Transmission	
	7002821	Ref	Tools - Crimper, Wire	
	70023174	Ref	Tools - Eye Bolt Assortment, ZF Transmission	
	70022872	Ref	Tools - Internal Extractor, 45-58mm, ZF Transmission	
	7002823	Ref	Tools - Pin Extractor - Universal (For Electrical Connectors with Pins and Sockets)	
	4460510	Ref	Tools - Pin Extractor - 12-14 Gauge (For Removal of Pin/Sockets from Deutsch Connectors)	
	4460467	Ref	Tools - Pin Extractor - 16-18 Gauge (For Removal of Pin/Sockets from Deutsch Connectors)	
	7016654	Ref	Tools - Screwdriver, Magnetic	
	7002822	Ref	Tools - Screwdriver, Potentiometer	
	7004275	Ref	Tools - Seal Tool 1in (For Cylinders)	
	7004276	Ref	Tools - Seal Tool 1-1/2in (For Cylinders)	
	70026448	Ref	Tools - Spanner Wrench	
	7002828	Ref	Tools - Stripper, Wire	
	70010239	Ref	Tools - Two-Armed Puller, 160-150mm, ZF Transmission	
	1001116482	Ref	Transmission Shift Kit - 3SPD ZF	
	1001262959	Ref	Voltage Regulator ClearSky Locate Kit	
	1001200204	Ref	White Noise Alarm Kit	
	1001213885	Ref	White Noise Alarm Kit	

PART NUMBER INDEX

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

0100009....647, 649, 651, 653, 691, 693
0100011.....49, 121, 125, 129, 193, 197, 201, 255, 257, 483, 515, 523, 529, 531, 647, 649, 651, 653
0100019.....19, 23, 27, 53
01043892.....253, 629
0140011.....725
0240156.....155
0400075.....621, 623
0630464.....423, 439
0641403.....223, 441
0641404....586, 590, 594, 598, 602, 606
0641405.....91, 235, 237
0641406.....613
0641407.....67
0641410.....617, 725
0641415.....721
0641507.....213
0641508.....235, 237
0641509.....235, 237
0641510...19, 23, 27, 189
0641511.....193, 197
0641520.....63, 699, 701
0641605....586, 590, 594, 598, 602, 606
0641607.....213, 215, 217
0641608.....201, 215
0641609.....229
0641612.....229
0641614.....235, 237
0641618....19, 23, 27, 39, 41, 43, 45, 47
0641620.....615, 725
0641632.....615
0641636.....441
0641652.....441
0642032....119, 121, 123, 125, 129, 131
0642640.....53, 303, 305
0681810.....121, 125, 129
0682418.....53
0682496.....53
0682648.....19, 23, 27
0700610....742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
0700614.....189, 701
0700617.....463, 465
0700812.....217
0700822.....463
0700827.....255, 257
0700828.....465, 483
0701026.....245, 247
0701216.....227
0701219.....213, 215, 217
0711214....193, 197, 201, 213, 215, 217, 255
0711219.....193, 197, 201
0711227.....193, 197, 201
0711627.....193, 197, 201
0711628.....193, 197, 201
0721004..... 477
0741408..... 67
0741610.... 121, 125, 129
0760405... 101, 103, 107, 109, 113, 121, 125, 127, 129
0760505..... 67, 477
0760605..... 193, 197
0760608..... 227, 229
0760610..... 47, 223
0760614..... 201
0760810 43, 45, 201, 205, 215, 217
0760812.... 213, 217, 387
0760815..... 209
0761012..... 227, 249
0761014..... 201
0761017..... 101, 103
0761212... 586, 590, 594, 598, 602, 606
0771618.... 193, 197, 201
0791606..... 49
0860520..... 91
0930020..... 111
1001003174..... 633
1001004720..... 231, 233, 725
1001008742..... 423, 439
1001081049..... 394, 398, 408, 413, 423, 426, 430, 439
1001081241..... 441
1001081242..... 441
1001081243..... 423, 439
1001081246..... 441
1001081247..... 441
1001081266..... 441
1001081310..... 445, 447
1001090140..... 121, 125, 129
1001091102..... 649, 653
1001091751..... 731
1001092481..... 85
1001092482..... 85
1001092877..... 750, 754, 782, 786, 806, 810
1001092878..... 750, 754, 782, 786, 806, 810
1001093171..... 159
1001093273..... 155
1001093377..... 155, 169
1001093465..... 155
1001093564..... 625
1001094312..... 441
1001094330..... 155
1001094696..... 733
1001094830..... 155
1001095418..... 127
1001095650.. 65, 67, 387
1001095704..... 680, 830
1001095810..... 91
1001096019..... 89
1001096020..... 89
1001096021..... 87
1001096023..... 87
1001096024..... 89
1001096025..... 87
1001096404..... 742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
1001097079..... 717
1001097080..... 715
1001097205..... 159
1001097735..... 62
1001098769..... 742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
1001099113..... 121, 125, 129
1001099115..... 121, 125, 129
1001099351..... 99
1001099699..... 477
1001100082..... 477
1001100227..... 169
1001100228..... 173
1001100229..... 171
1001100265..... 107
1001100266..... 109
1001100267..... 113
1001100822..... 107
1001100823..... 109
1001100824..... 113
1001100967..... 97
1001101115..... 169, 173
1001101116..... 169, 171
1001101845..... 63
1001101867..... 63
1001102844..... 394, 398, 408, 413, 426, 430
1001105886..... 733
1001107589..... 499
1001108524..... 261
1001108575..... 441
1001108668..... 162
1001109053..... 742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
1001109478..... 423, 439
1001109532..... 834
1001110704..... 127
1001111112..... 423, 439
1001111190..... 127, 162
1001112612..... 609, 632, 637, 655
1001112796..... 655
1001114495..... 231, 233
1001114675..... 742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
1001114867..... 394, 398, 408, 413, 426, 430
1001116482..... 835
1001116692..... 674, 681
1001116693..... 637, 638
1001116710..... 634, 638
1001116711.....634, 638
1001116712.....634, 638, 711
1001116720.....719, 737
1001116723.....689
1001116726.....633, 638
1001116727.....633, 672, 678, 679, 680, 685
1001116728.....672, 673, 674, 679, 681, 685, 686, 695, 727
1001116729.....672, 678, 685, 713
1001116731.....655
1001116732.....673, 687
1001116734.....673, 681, 687
1001116736.....689, 729
1001116745.....672, 678, 685, 727
1001116747.....633, 638, 697
1001116748.....673, 679, 680, 686
1001116751.....689
1001116757.....672, 673, 679, 685, 686
1001116758.....672, 673, 679, 685, 686
1001116774.....611, 632, 638
1001116808.....611, 632, 637
1001116812.....611, 632, 637
1001116815.....611, 655
1001116945.....609
1001116950.....674, 681, 687
1001117021.....674, 681, 686, 695, 697, 727
1001117026.....713, 727
1001117059.....689
1001117068.....672, 678, 685
1001117070.....673, 681, 687
1001117079.....729
1001117080.....689
1001117081.....737
1001117103.....674, 680, 687
1001117111.....674, 681, 687
1001117119.....632, 633, 637, 638
1001117125.....674, 681, 686
1001118245.....721, 830
1001118378.....611, 632, 637
1001118390.....681
10011184495.....735
1001119004.....673, 679, 686
1001119278.....625
1001120083.....205

1001120178 ..... 371, 373, 375, 377
1001120179 ..... 371, 375
1001120869 ..... 235, 237
1001120914 ..... 121, 125, 129
1001120915 ..... 121, 125, 129
1001120989 815
1001121103 371
1001121105 375
1001121726 ..... 633, 638
1001121728 ..... 633, 638
1001121730 ..... 633, 674, 680, 687
1001125027 ..... 674, 681, 686, 689
1001125083 680
1001125085 680
1001125089 680
1001125387 ..... 742, 746, 750, 754, 774, 778, 782, 786
1001125784 ..... 632, 637
1001125785 ..... 632, 637
1001126008 ..... 611, 632, 637, 638
1001126351 685
1001126353 685
1001126356 685
1001126387 834
1001126391 679
1001126393 679
1001126484 681
1001126487 681
1001127066 737
1001127226 ..... 586, 590, 594, 598, 602, 606, 627
1001127699 ..... 721, 831
1001127700 721
1001127784 ..... 295, 297
1001127864 ... 39, 41, 43, 45, 47, 49
1001127867 49
1001128341 ..... 235, 237
1001128363 213
1001128364 213
1001128594 ..... 195, 199, 203
1001128714 213
1001128890 95
1001128901 213
1001129285 ..... 634, 830
1001129407 659
1001129615 721
1001130307 ..... 586, 590, 594, 598, 602, 606, 831
1001130717 835
1001131271 ..... 742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
1001133173 685
1001133534 229
1001134488 ..... 235, 237
1001135770 723
1001135777 723
1001136358 ..... 227, 229
1001136975 ..... 227, 229, 231, 233
1001137512 153
1001137627 835
1001138642 685
1001138643 685
1001138645 201
1001139578 ..... 742, 746, 774, 778
1001139942 ..... 750, 754, 782, 786, 806, 810
1001141892 55
1001142247 166
1001142452 ..... 750, 754, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
1001143551 611
1001144147 ..... 611, 655
1001144629J 91
1001145026 ... 31, 35, 831
1001145707 ..... 673, 687
1001146160 95
1001147515 55
1001148177 ..... 742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
1001148902 834
1001148903 834
1001148904 834
1001148905 834
1001148906 834
1001149227 ..... 401, 403, 405, 423, 439
1001149712 ..... 632, 637, 655
1001150524 835
1001151101 385
1001151102 385
1001151108 385
1001152415 363
1001152416 363
1001153912 239
1001154055 387
1001154226 834
1001154375 725
1001154511 ..... 197, 199
1001154790 ..... 201, 203
1001155867 61
1001155869 61
1001155870 61
1001156283 .... 39, 41, 43, 45, 47
1001157102 511
1001157275 813
1001157277 813
1001157663 ..... 255, 257
1001157890 ..... 611, 632, 633, 637, 638, 674, 681
1001157891 ..... 689, 729
1001158002 ..... 509, 563, 830
1001158004 ..... 507, 509
1001158040 525
1001158041 491
1001158046 519
1001158089 405
1001158090 421
1001158091 437
1001158272 ..... 742, 746, 774, 778
1001158319 ..... 742, 746, 774, 778
1001158320 ..... 750, 754, 782, 786, 806, 810
1001158321 ..... 750, 754, 782, 786, 806, 810
1001158357 511
1001158398 507
1001158404 ..... 463, 465
1001158527 513
1001158528 ..... 511, 513
1001158611 527
1001158786 ..... 503, 507
1001159186 ..... 632, 633, 637, 638
1001159319 .... 39, 41, 43, 45, 47
1001159844 ..... 463, 465, 467
1001159850 ..... 408, 413
1001159851 ..... 426, 430
1001159856 ..... 423, 439, 455
1001159860 ..... 423, 457
1001159861 ..... 439, 459
1001159878 ..... 394, 398, 408, 413, 426, 430
1001159932 215
1001160071 469
1001160072 821
1001160116 ..... 193, 197, 201
1001160250 ..... 19, 23, 27
1001160782 215
1001160785 ..... 423, 439
1001160787 471
1001160788 ..... 401, 403, 405, 417, 419, 421, 433, 435, 437
1001160789 ..... 405, 421, 437
1001160790 ..... 401, 403, 405, 417, 419, 421, 433, 435, 437
1001160791 ..... 401, 403, 405, 417, 419, 421, 433, 435, 437
1001160815 ..... 401, 403, 405
1001160844 215
1001160845 197
1001160912 475
1001160916 827
1001160945 823
1001161212 691
1001161213 693
1001161920 ..... 193, 197, 201
1001162212 223
1001162734 ..... 742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
1001162735 ..... 742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
1001162736 ..... 742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
1001162737 ..... 742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
1001162804 ..... 469, 471, 473, 475
1001162806 469
1001163174 ..... 758, 762, 790, 794
1001163206 ..... 758, 762, 790, 794
1001163210 ..... 758, 762, 790, 794
1001163212 ..... 758, 762, 790, 794
1001163222 ..... 758, 762, 790, 794
1001163285 ..... 758, 762, 790, 794
1001163300 ..... 758, 762, 790, 794
1001163304 ..... 758, 762, 790, 794
1001163323 ..... 758, 762, 790, 794
1001163355 ..... 758, 762, 790, 794
1001163414 ..... 121, 125, 129, 539
1001163685 531
1001164096 439
1001164099 439
1001164196 465
1001164282 423
1001164284 423
1001164404 215
1001164717 ..... 423, 439
1001165057 .... 19, 23, 27
1001165194 679
1001165275 441
1001165276 441
1001165489 834
1001165517 ..... 193, 197, 201
1001165518 ..... 193, 197, 201
1001165583 ..... 405, 421, 437
1001165609 215

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001165617.....401, 403, 405, 417, 419, 421, 433, 435, 437
1001165660.....193, 197, 201
1001165668.....247
1001165669.....205
1001165670.....237
1001165672.....227
1001165673.....231
1001165675.....219
1001165806.....423, 439, 441
1001165818.....205
1001165823.....417, 419, 421, 423
1001166008.....257
1001166034.....834
1001166070.....43
1001166115.....774, 778
1001166116.....790, 794
1001166117.....806, 810
1001166229.....249
1001166238.....19, 23
1001166556.....679
1001166566.....205, 207
1001166693.....215
1001166704.....680, 681
1001166715.....209
1001166935.....213, 215, 217
1001166976.....215
1001167009.....834
1001167167.....215
1001167168.....215
1001167250.....471
1001167251.....475
1001167357.....255, 257
1001167528.....681
1001167617.....680
1001167620.....678
1001167624.....678
1001167641.....673, 680
1001167643.....673, 680
1001167644.....673, 680
1001167646.....673, 680
1001167647.....673, 680
1001167648.....673, 680
1001167649.....673, 680
1001167650.....673, 680
1001168051.....205
1001168052.....205
1001168053.....205
1001168066.....433, 435, 437, 439
1001168451.....531
1001168478.....237, 243
1001168822.....197
1001168859.....225
1001169001.....223
1001169006.....39, 41, 43, 45, 47
1001169057.....213, 215, 217
1001169059.....235, 237
1001169077.....205, 831
1001169172.....43, 45
1001169271..... 231
1001169272..... 231, 233
1001169274..... 231, 233
1001169329..... 23, 33
1001169466.... 27, 33, 35
1001169620..... 594, 598, 678
1001169787..... 441
1001169816..... 737
1001170117..... 235, 237
1001170186..... 235, 237
1001170230..... 721
1001170233..... 586, 590, 594, 598, 602, 606, 721
1001170234..... 586, 590, 594, 598, 602, 606, 723
1001170235..... 723
1001170269..... 586, 590, 594, 598, 602, 606, 831
1001170316..... 545
1001170329..... 31, 35
1001170738..... 394, 398, 408, 413, 426, 430
1001170856..... 33
1001171188..... 525
1001171190..... 519
1001171191..... 521
1001171193..... 521
1001171194..... 521
1001171234..... 586, 590, 594, 598, 602, 606
1001171236..... 586, 590, 594, 598, 602, 606
1001171237..... 586, 590, 594, 598, 602, 606
1001171238..... 586, 590, 594, 598, 602, 606
1001171239..... 586, 590, 594, 598, 602, 606
1001171384.... 39, 43, 47
1001171385... 39, 41, 43, 45, 47
1001171472..... 223
1001171473..... 223
1001171474..... 223
1001171633..... 586, 590, 594, 598, 602, 606
1001171757..... 586, 590, 594, 598, 602, 606
1001171786..... 511
1001171802..... 227
1001171803..... 227
1001171805..... 227, 229
1001171806..... 426, 430, 465
1001171807..... 408, 413, 463
1001171873..... 517
1001171986..... 517
1001172135..... 594, 598
1001172136..... 594, 598
1001172537..... 463, 465
1001172561..... 463, 465
1001172658.... 19, 23, 27
1001172784..... 493
1001173177..... 511
1001173217..... 463, 465
1001173257..... 699, 701
1001173422..... 774, 778, 782, 786, 790, 794, 806, 810
1001173535..... 201, 223
1001173581..... 483, 485, 830
1001173582..... 483, 487, 830
1001173841..... 521
1001174152..... 774, 778, 790, 794, 798, 802
1001174227.... 19, 23, 27
1001174327..... 213, 215, 217
1001174340..... 483
1001174375..... 529
1001174822..... 247
1001175568..... 227, 229
1001175733..... 727
1001176002..... 678
1001176004..... 678
1001176337..... 703, 705, 715, 717
1001176515..... 93
1001176935..... 680, 681
1001177168..... 834
1001177190.... 19, 23, 27
1001177192.... 19, 23, 27
1001177198..... 634, 638, 711, 719
1001177746..... 423, 439, 441
1001177753..... 515
1001178224..... 493
1001178346..... 729
1001178347..... 408, 413, 426, 430, 689
1001178349..... 423, 439, 737
1001178582..... 235, 237
1001178776 . 31, 35, 229, 235, 237
1001179229..... 463, 465
1001179375..... 227
1001179845..... 235, 237
1001180175..... 758, 762, 790, 794
1001180176..... 758, 762, 790, 794
1001180227..... 217
1001180244..... 249
1001180473..... 193, 197, 201
1001180762... 19, 23, 27, 551
1001180763..... 61, 549
1001181584..... 235, 237
1001181585..... 235, 237
1001181707..... 423, 439
1001181893..... 423, 439
1001181899..... 219, 586, 590, 594, 598, 602, 606
1001181903..... 423, 439
1001181956..... 394
1001181968..... 423, 439
1001182091.....395, 399, 423, 439, 691
1001182094.....227
1001182135.....441
1001182255.....235, 237, 239
1001182408.....441
1001182470.....423, 439, 447
1001182514.....441
1001182603.....227
1001182663.....441
1001182723.....465
1001182798.....465
1001182800.....441
1001182808.....441
1001182810.....441
1001182842.....441
1001182865.....441
1001182871.....441
1001182882.....441
1001182883.....441
1001182884.....441
1001183084.....441
1001183104.....441
1001183164.....394, 398, 408, 413, 427, 430
1001183209.....441
1001183341.....481
1001183370.....505
1001183811.....215
1001184316.....721, 831
1001184491.....735
1001184493.....735
1001184496.....735
1001184835.....586, 590, 594, 598, 735
1001185071.....249
1001185649.....217
1001185650.....201
1001185651.....209
1001185652.....233
1001185776.....408
1001185777.....426
1001186373.....193, 197
1001186417.....721, 831
1001186490.....229
1001186537.....47
1001186718.....201
1001186841.....586, 590, 594, 598, 602, 606, 621, 623
1001187078.....611
1001187239.....758, 762, 790, 794
1001187512.....680
1001187513.....680
1001187952.....634, 638
1001188068.....835
1001189017.....742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
1001189318.....233
1001189327.....742, 746, 750, 754, 758, 762,

766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
1001189328 ..... 742, 746, 751, 754, 758, 762, 767, 770, 775, 778, 783, 786, 791, 794, 799, 802, 806, 810
1001189488 ..... 602, 606, 685
1001189602 233
1001189712 233
1001189715 233
1001189871 725
1001189875 ..... 672, 673, 679, 685, 686
1001189877 ..... 680, 685
1001189886 ..... 725, 727
1001190005 209
1001190007 27
1001190183 209
1001190295 255
1001190341 ... 39, 41, 43, 45, 47
1001190344 229
1001190349 229
1001190370 229
1001190371 229
1001190372 229
1001190629 229
1001190630 229
1001190631 229
1001190962 217
1001190990 217
1001191635 ..... 742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
1001191996 ..... 742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
1001192049 ..... 634, 638
1001192050 ..... 634, 638
1001192134 201
1001192390 ... 39, 41, 43, 45, 47
1001192401 ..... 674, 681, 687
1001192711 189
1001192720 189
1001192875 189
1001192876 189
1001192877 189
1001193427 834
1001193428 834
1001193540 189
1001193729 189
1001194421 731
1001194592 531
1001194620 493
1001194745 493
1001195055 ..... 674, 681, 687
1001195057 ..... 674, 687
1001195087 ..... 674, 680, 681, 687
1001195760 ..... 632, 633, 637
1001195826 ..... 19, 23, 27
1001195952 ..... 19, 23, 27
1001195970 105
1001196109 515
1001196124 193
1001196125 213
1001196127 834
1001196128 ..... 423, 439
1001196396 213
1001196397 213
1001196630 835
1001196634 663
1001196636 638
1001196665 ..... 193, 195
1001196736 245
1001196737 235
1001196806 ..... 775, 778, 783, 786, 791, 795, 799, 802
1001197098 ..... 423, 439
1001197099 ..... 423, 439, 441
1001197233 ..... 197, 201, 255
1001197475 ..... 235, 241
1001198355 189
1001198684 531
1001198728 615
1001199116 ..... 31, 35
1001199135 ..... 31, 35
1001199136 ..... 31, 35
1001199177 ..... 31, 35
1001199181 ..... 31, 35
1001199199 35
1001199205 ... 31, 35, 830
1001199210 ..... 31, 35
1001199670 223
1001199737 835
1001199738 835
1001199889 ..... 586, 590, 672
1001199951 223
1001200204 835
1001200833 ..... 632, 637
1001200845 ..... 634, 638, 719
1001201111 ..... 227, 229
1001201453 834
1001201454 834
1001201455 834
1001201456 834
1001201458 835
1001201459 835
1001201554 ..... 19, 23, 27
1001201573 23
1001201574 27
1001201658 ..... 394, 398, 409, 413, 427, 430
1001201693 ..... 19, 23, 27
1001201721 ..... 567, 569
1001201734 505
1001201737 505
1001201738 505
1001201752 701
1001201831 205
1001201885 731
1001201945 ..... 231, 233
1001201983 231
1001201991 493
1001202189 ..... 401, 403, 417, 419, 433, 435
1001202202 ..... 401, 403, 417, 419, 433, 435
1001202247 251
1001202304 251
1001202384 521
1001202615 ..... 401, 403, 405
1001202626 ..... 742, 746, 750, 754, 758, 762
1001202627 ..... 742, 746, 750, 754, 758, 762, 766, 770, 782, 786, 806, 810
1001202746 ..... 401, 403, 417, 419, 433, 435
1001202904 ..... 175, 177, 179, 181, 183, 185, 187
1001203181 ..... 251, 830
1001203503 189
1001203969 ..... 231, 233
1001203970 231
1001204032 ..... 251, 565
1001204045 61
1001204097 ..... 231, 233
1001204098 ..... 231, 233
1001204099 231
1001204362 ..... 426, 430
1001204692 ..... 617, 725
1001205172 ..... 634, 638, 711, 719, 831
1001205248 ..... 699, 701, 711
1001205264 ..... 699, 701
1001206542 613
1001206543 615
1001206956 251
1001206983 251
1001206985 251
1001207173 619
1001207217 ..... 743, 746, 775, 779
1001207218 ..... 751, 754, 783, 787, 807, 810
1001207606 157
1001207963 ..... 394, 398, 409, 413, 427, 430
1001208664 ..... 19, 23, 27
1001209097 687
1001210093 505
1001210351 245
1001210703 830
1001210776 ..... 634, 638
1001210777 ..... 634, 638
1001210778 ..... 634, 638
1001210779 ..... 634, 638, 639
1001210859 505
1001210860 505
1001210862 505
1001210863 505
1001211139 127
1001211278 ..... 759, 762, 791, 795
1001211516 131
1001211688 201
1001211690 47
1001211697 201
1001211875 817
1001211876 819
1001212670 209
1001213200J 369
1001213210 ..... 219, 221
1001213430 19
1001213432 39
1001213433 ..... 742, 746
1001213434 ..... 758, 762
1001213574 615
1001213885 835
1001213938 231
1001213944 835
1001214398 834
1001214790 834
1001215941 ..... 251, 831
1001216291 ..... 41, 45
1001216455 ..... 251, 611
1001218358 611
1001218659 ..... 743, 746, 775, 779
1001219045 505
1001219082 ..... 251, 657
1001219211 ..... 751, 755, 759, 762, 767, 771, 783, 787, 791, 795, 799, 803, 807, 810
1001219212 ..... 775, 779
1001219895 657
1001220260 441
1001220490 ..... 303, 335, 337, 339, 341, 345, 347
1001220491 ..... 303, 349, 351, 353, 355, 359, 361
1001222200 387
1001222203 387
1001222211 303
1001222217 363
1001222218 365
1001222219 371
1001222220 375
1001222221 369
1001222496 ..... 51, 53
1001222497 ..... 51, 55
1001222717 387
1001222870 ..... 295, 299
1001223050 ..... 481, 567
1001223052 ..... 394, 398, 409, 414, 427, 431, 481
1001223453 ..... 743, 747, 759, 763, 775, 779, 791, 795
1001223727 295
1001224096 223
1001224119 51
1001224150 499
1001224152 493
1001224162 835
1001224242 499

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001224459.....493, 495
1001224460.....493, 497
1001224467.....495
1001224471.....497
1001225317.....387
1001226328.....831
1001226400.....659
1001226541.....655
1001226636.....655
1001226637.....655
1001226795.....499
1001226796.....643
1001226799.....643, 645
1001226856.....643, 645, 655
1001227066.....659
1001227068.....659
1001227077.....251
1001227208.....45
1001227211.....19, 31
1001227266.....659
1001227379.....143
1001227382.....147
1001227459.....643
1001227636.....495, 497
1001227670....93, 97, 99, 101, 103, 107, 109, 111, 113, 115, 117, 121, 125, 127, 129, 157, 162, 166, 175
1001227964.....251
1001228512.....41
1001228872.....223, 830
1001228954.....645, 831
1001228986.....33, 37
1001229023.....225
1001229024.....225
1001229025.....219, 225
1001229095.....33
1001229117.....219, 223
1001229210.....223
1001229708.....815
1001229921.....305
1001230239.....95
1001230241.....95
1001230307.....775, 779, 783, 787
1001230309.....791, 795
1001230402.....611
1001230931.....632, 637
1001231397.....609, 611
1001231398.....611, 633, 637, 731
1001231400.....609, 611, 633, 637, 731
1001231401.....611, 633, 637
1001231402.....611, 634, 637
1001231404.....609, 611, 634, 637, 731
1001231406.....611, 633, 731
1001231560.....251, 609
1001231692.....95
1001231801.....743, 747, 775, 779
1001232355..... 149
1001232439..... 253, 629
1001232500..... 95
1001232517..... 53
1001232518..... 53
1001232599..... 253, 629
1001232624..... 253, 629
1001232750..... 253, 629, 665
1001233174..... 617
1001233217..... 617
1001233236..... 831
1001233434..... 617
1001233828..... 617
1001233964..... 665, 667, 733
1001233976..... 617, 619
1001234216..... 625, 665, 667
1001234530..... 665
1001235725..... 231
1001235794..... 766, 770, 798, 802
1001235796..... 766, 770, 798, 802
1001235797..... 766, 770, 798, 802
1001235798..... 766, 770, 798, 802
1001235799..... 766, 770, 798, 802
1001235801..... 766, 770, 798, 802
1001235802..... 766, 770, 798, 802
1001235803..... 766, 770, 798, 802
1001235804..... 766, 770, 798, 802
1001235805..... 766, 770, 798, 802
1001236312..... 798, 802
1001236313..... 766, 770
1001237778..... 681
1001237846..... 825
1001237847..... 699
1001237853..... 699, 717
1001237854..... 699, 715
1001238111..... 697, 699, 701
1001238199..... 699, 701, 713
1001238560..... 91, 189
1001238565... 85, 87, 89, 91
1001238566..... 189
1001238570..... 189
1001238653..... 85
1001238654..... 87
1001238655..... 89
1001238893..... 835
1001238933..... 834
1001239250..... 645
1001239455..... 834
1001239539..... 251
1001239734..... 121, 125, 129
1001239958..... 667
1001239988..... 835
1001241305..... 477
1001241318..... 215
1001241482..... 215
1001241837..... 373, 377
1001241841..... 373
1001241842..... 377
1001241848..... 373
1001241849..... 377
1001242035... 39, 41, 43, 45, 47
1001242116..... 798, 802
1001242117..... 766, 770
1001242122..... 766, 770, 798, 802
1001242172..... 766, 770, 798, 802
1001242173..... 766, 770, 798, 802
1001242179..... 767, 771, 799, 803
1001242181..... 799, 803
1001242195..... 834
1001242644..... 115
1001242916..... 473
1001242920..... 55
1001242925..... 529, 577
1001242996..... 61, 73
1001243025..... 73
1001243026..... 73
1001243183..... 834
1001243184..... 834
1001243219..... 73
1001243411..... 529, 531
1001243412..... 531
1001243577..... 834
1001244278..... 531
1001244302..... 531
1001244306..... 515
1001244307..... 515
1001244308..... 515
1001244357..... 503
1001244359..... 523
1001244361..... 523
1001244592..... 53
1001244593..... 701
1001244594..... 701
1001244610..... 523
1001244650..... 483
1001244652..... 483, 485
1001244653..... 483, 487
1001244654..... 483, 485, 487
1001244980..... 505
1001245054..... 503, 505
1001245057..... 503, 511
1001245058..... 511
1001245060..... 491
1001245061..... 491
1001245158..... 523
1001245213..... 303, 305
1001245214..... 303, 305
1001245215..... 303, 305
1001245478..... 239, 831
1001246001..... 367
1001246078.....767, 770, 799, 803
1001246391.....674, 681
1001246735.....401, 403, 433, 435
1001246736.....394, 398, 401, 403
1001246737.....409, 414, 417, 419
1001246738.....427, 431, 433, 435
1001247171.....531, 533
1001247421.....725, 830
1001247654.....531
1001248572.....835
1001248573.....835
1001249695.....835
1001249941.....835
1001250700.....586, 590, 594, 598, 602, 606
1001251208.....701
1001251270.....701, 703
1001251271.....701, 705
1001251426.....531
1001251503.....586, 590, 594, 598, 602, 606, 719
1001252320.....594, 598
1001252321.....586, 590
1001252322.....602, 606
1001252968.....507
1001252969.....507
1001252970.....507
1001252971.....507
1001252986.....367
1001253829.....835
1001253916.....835
1001254099.....507
1001254386.....529
1001254411.....555
1001255901.....663
1001256316.....527, 579
1001256519.....394, 398, 408, 414, 426, 431
1001257571.....501
1001258010.....835
1001258100.....477
1001258244.....453
1001258245.....453
1001258991.....621, 623
1001259206.....137
1001259302.....742, 750, 758, 766, 774, 782, 790, 798, 806
1001259303.....742, 750, 758, 766, 774, 782, 790, 798, 806
1001259305.....742, 750, 758, 766, 774, 782, 790, 798, 806
1001259306.....742, 750, 758, 766, 774, 782, 790, 798, 806
1001259635.....367
1001260509.....735
1001262156.....834
1001262322.....643, 831
1001262326.....643

1001262436 835
1001262959 835
1001263589 ..... 743, 747, 751, 755, 759, 763, 767, 771, 775, 779, 783, 787, 791, 795, 799, 803, 807, 811
1001263821 ..... 742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
1001264534 617
1001264536 617
1001264554 ..... 394, 398, 408, 414, 426, 431
1001264844 731
1001264861 731
1001265272 441
1001265373 835
1001265679 617
1001265680 617
1001265914 ..... 394, 398, 409, 414, 427, 431
1001265979 617
1001265980 617
1001265982 617
1001265987 617
1001266488 ..... 398, 414, 431
1001266771 ..... 533, 581
1001268341 834
1001269415 61
1001271586 ..... 691, 693
1001272659 661
1001272997 663
1001273012 ..... 661, 663
1001273266 834
1001273267 834
1001273636 ..... 699, 701
1001273850 473
1001274257 835
1001274302 835
1001274303 381
1001274304 381
1001274305 ..... 381, 835
1001274306 383
1001274307 ..... 383, 835
1001274439 ..... 747, 755, 763, 771, 779, 787, 795, 803, 811
1001274444 ..... 747, 755, 763, 771, 779, 787, 795, 803, 811
1001274718 835
1001274719 379
1001274720 379
1001274721 ..... 379, 835
1001275637 ..... 373, 377
1001275638 ..... 373, 377
1001275841 ..... 101, 103
1001275852 103
1001275853 101
1001275931 ..... 399, 414, 431, 451
1001275933 ..... 449, 453
1001275934 ..... 394, 408, 426, 449
1001276666 129
1001276920 661
1001276923 834
1001277290 121
1001277338 125
1001280231 ..... 441, 834
1001280661 ..... 647, 649, 651, 653
1001281475 835
1001282050 509
1001282260 657
1001284067 65
1001284068 ..... 65, 67
1001284069 67
1001284403 ..... 395, 399, 409, 414, 427, 431, 691, 693, 695
1001284433 67
1001284436 65
1001284447 67
1001284542 ..... 586, 594, 602, 632
1001287742 ..... 101, 103
1001287803 657
1001288404 ..... 647, 649, 651, 653
1001288418 67
1001288679 ..... 399, 414, 431, 731
1001288820 ..... 647, 649, 651, 653
1001289479 617
1001289539 ..... 395, 399, 409, 414, 427, 431
1001289648 ..... 649, 653
1001289822 ..... 647, 649
1001290491 ..... 651, 653
1001290540 398
1001290546 430
1001290547 413
1001291056 ..... 649, 653
1001291397 834
1001292279 ..... 394, 398, 408, 413, 426, 431, 669
1001292606 67
1001293182 ..... 127, 541
1001294815 815
1001296009 ..... 61, 545
1001296148 ..... 701, 835
1001296322 ..... 20, 24, 28, 555
1001296947 ..... 782, 786
1001296948 ..... 750, 754
1001299236 641
1001299369 ..... 590, 598, 606, 637
1001301599 127
1001301600 127
1001301624 ..... 403, 419, 435
1001301880 ..... 590, 598, 606, 641
1001305569 ..... 699, 701
1005798200 ..... 305, 307, 309, 311, 313, 317, 319
1005798300 ..... 305, 321, 323, 325, 327, 331, 333
10139087 .. 742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
10268515 ..... 209, 211
10268516 209
1060379 91
1060626 ..... 625, 733
10705034 117
10719267 205
10725554 ..... 311, 339
10725627 ..... 345, 359
10727374 481
10728823 505
10731702 265
10731709 ... 287, 288, 291
10731744 269
10731748 265
10731751 265
10731845 ... 271, 273, 277
10731913 267
10731959 283
10732063 ..... 287, 291
10732064 287
10732071 285
10732072 285
10732095 265
10732150 .. 39, 41, 43, 45, 47
10837928 577
10839156 283
1101312 ..... 211, 830
1101313 ..... 211, 830
1101841 297
1170012 119
1170021 119
1170024 123
1319203 265
1319204 265
1319205 265
1319209 265
1319210 265
1319211 265
1319213 265
1319557 267
1319558 267
1319563 267
1319565 267
1319566 267
1319569 269
1319570 269
1319571 269
1319574 269
1319575 269
1319576 269
1319577 269
1319582 ..... 269, 293
1319583 269
1319584 269
1319585 ..... 269, 293
1319586 269
1319587 269
1319590 269
1319591 271
1319592 271
1319593 ... 271, 273, 275, 277, 279, 281
1319594 ... 271, 273, 275, 277, 279, 281
1319595 ... 271, 273, 275, 277, 279, 281
1319596 .... 271, 273, 277
1319600 ... 271, 273, 275, 277, 279, 281
1319601 ... 271, 273, 275, 277, 279, 281
1319602 ... 271, 273, 275, 277, 279, 281
1319603 ... 271, 273, 275, 277, 279, 281
1319604 ... 271, 273, 275, 277, 279, 281
1319605 .... 271, 273, 277
1319606 .... 271, 273, 277
1319607 271
1319608 ..... 271, 281
1319609 271
1319610 271
1319611 271
1319612 ... 271, 273, 275, 277, 279, 281
1319613 273
1319614 273
1319615 .... 273, 277, 279
1319616 275
1319617 .... 275, 279, 281
1319618 .... 275, 279, 281
1319619 275
1319620 .... 275, 279, 281
1319621 .... 275, 279, 281
1319622 .... 275, 279, 281
1319623 .... 275, 279, 281
1319624 .... 275, 279, 281
1319625 .... 275, 279, 281
1319626 .... 275, 279, 281
1319627 .... 275, 279, 281
1319628 .... 275, 279, 281
1319629 .... 275, 279, 281
1319630 .... 275, 279, 281
1319631 .... 275, 279, 281
1319632 .... 275, 279, 281
1319633 ..... 275, 283
1319634 277
1319635 277
1319636 .... 277, 279, 281
1319637 279
1319638 ..... 279, 281
1319639 281
1319641 283
1319643 283
1319646 283
1319647 283
1319648 283
1319649 283
1319650 285
1319652 ..... 285, 287
1319659 285
1319661 ..... 285, 287
1319670 ..... 287, 291
1319671 287
1319673 287

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1319674.....287
1319675.....287
1319676.....287
1319677.....287
1319678.....287
1319679.....287
1319680.....287
1319681.....287
1319682.....287
1319683.....287
1319684.....287
1319685.....287
1319686.....287
1319687.....287
1319688.....287
1319689.....287
1319690.....287
1319691.....287
1319692.....287
1319693.....287
1319694.....287
1319695.....287
1319696.....287, 291
1319697.....287
1319698.....287
1319699.....287
1319700.....287
1319701.....287
1319702.....287, 291
1319703.....287, 291
1319704.....287
1319705.....287
1319707.....287, 291
1319710.....291
1319711.....291
1319712.....291
1319713.....291
1319714.....291
1319715.....291
1319717.....291
1319718.....293
1319719.....293
1319720.....293
1319721.....293
1319722.....293
1319723.....293
1319724.....293
1319725.....293
1319726.....293
1320022....233, 394, 398, 408, 413, 426, 430
1320032.....223
1321094.....195, 199, 203
1322039.....195, 199, 203
1322040.....195, 199, 203
1600429....394, 398, 408, 413, 426, 430, 830
1701509.....91
1701640....742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
1702300....742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
1702631..... 790, 794
1702773..... 85, 87, 89
1704277..... 91
1704885..... 85, 87, 89
1706098... 750, 754, 782, 786, 806, 810
1706279... 750, 754, 782, 786, 806, 810
1706281... 750, 754, 782, 786, 806, 810
1706282... 750, 754, 782, 786, 806, 810
1706284... 750, 754, 782, 786, 806, 810
1706285... 750, 754, 782, 786, 806, 810
1706288... 750, 754, 782, 786, 806, 810
1706296... 742, 746, 774, 778
1706298... 742, 746, 774, 778
1706299... 742, 746, 774, 778
1706300... 742, 746, 774, 778
1706301... 742, 746, 774, 778
1706302..... 189
1706306... 742, 746, 774, 778
1706768... 742, 746, 774, 778
1706850... 742, 746, 774, 778
1706892..... 85
2080040..... 91
2110606... 121, 125, 129, 571
2130606..... 117, 571
2130608..... 117
2130808.... 121, 125, 129
2131210..... 261
2131212.... 235, 237, 261
2172106.... 121, 125, 129
2180798..... 209
2220218..... 229
2220239..... 31, 35
2220371... 509, 521, 527, 529, 533
2220372..... 527
2220373... 501, 513, 527, 533
2220374..... 529, 733
2220375..... 31, 35, 521
2220377..... 529
2220385.... 501, 505, 533
2220415..... 127, 523
2220451..... 529
2220472..... 529
2220473..... 55, 127, 521, 529
2220474..... 527
2220497..... 529
2220498..... 733
2220499..... 31, 35
2220500..... 62, 495, 497, 513
2220501..... 521
2220577..... 31, 35
2220578..... 62
2220582..... 509, 529
2220596.... 501, 529, 533
2220600..... 533
2220603..... 513
2220605..... 481, 497
2220606..... 529
2220622..... 733
2220635 31, 35, 495, 523, 533
2220651..... 63
2220654..... 497
2220677..... 499
2220695..... 521
2220700..... 733
2220726..... 533
2220738..... 529
2220819..... 529
2220828..... 529
2220878..... 529
2220883..... 551
2220885..... 579
2220998..... 529
2221344..... 481
2230025..... 63
2230044..... 491
2340037..... 135
2340038..... 141
2340039..... 151
2340045..... 139
2340046..... 133
2400060.... 674, 682, 687
2400066..... 682
24921332..... 213, 217
2600281..... 91
2713642..... 81
2714973.. 19, 23, 27, 543
2716673..... 493
2716675..... 521
2716686..... 521
2716688..... 521
2716691..... 521
2716709..... 55
2716713..... 491
2716714..... 501
2716715..... 501
2717160..... 117
2717161..... 117
2717162..... 117
2717198.. 20, 24, 28, 561
2717201..... 55, 557
2717283..... 117, 547
2717287..... 127
2755060..... 501
2900770..... 557
2910996..... 834
2915208..... 834
2940074..... 91, 831
31200160..... 85
31200386..... 89
31200387..... 87
31200388..... 87
3251813....742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
3290401.....649, 653
3290501.....253, 629
3290505.....251, 657
3290601....189, 586, 590, 594, 598, 602, 606
3290605....227, 229, 463, 465, 586, 590, 602, 606
3290801....215, 441, 586, 590, 594, 598, 602, 606
3290805....201, 219, 463, 465
3291007.....101, 103
3291205.....227
3300240....119, 121, 123, 125, 129, 131
3300429.....31, 35
3311401....235, 237, 394, 398, 408, 413, 426, 430, 617
3311405.....67, 91
3311502.....189
3311601.....63
3311605.....615
3331615.....193, 197, 201
3340829.....67
3391410.....189
3421453.....91
3423226.....61
3423227.....19, 23, 27
3423242.....123, 125
3423248.....53
3423254.....303, 305
3423275.....119, 121
3423276.....127, 129, 131
3423307.....121, 125, 129
3440620.....95
3460383.....63
3460384.....63
3520030....39, 41, 43, 45, 47
3520072.....91
3520198.....91
3740080....251, 634, 639, 731, 831
3760170.....91
3790152.....251
3820020.....91
3841203.....121, 125, 129
3930610....394, 398, 408, 413, 426, 430
3931012.....617, 725
3951404.....549
3968141.....325, 353
4031506.....647, 651
4031608.....253, 629
4060803.....423, 439
4060804.....19, 23, 27
4060805.....19, 23, 27
4060806....394, 398, 408, 413, 426, 430
4100181....742, 746, 750, 754, 758, 762, 766,

770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
4105262 ... 742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
4107442 ... 742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
4107971 ... 742, 746, 774, 778
4108302 ... 742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
4110422 . 95, 97, 99, 101, 103
4110473 117
4240032 ... 617, 643, 645, 647, 649, 651, 653, 661
4240099 .... 193, 197, 201
4360569 ... 394, 398, 408, 413, 426, 430
4360690 ... 394, 398, 408, 413, 426, 430, 831
4420037 ... 33, 39, 41, 43, 45, 47
4460019 ... 673, 674, 680, 681, 685, 686, 687
4460042 .... 673, 678, 686
4460142 687
4460183 727
4460234 .... 617, 643, 645
4460247 .... 674, 681, 687
4460256 .... 673, 679, 686
4460268 689
4460312 ... 632, 637, 674, 680, 681, 687
4460321 611
4460326 689
4460419 ... 632, 637, 695, 713, 729, 737
4460457 ... 627, 697, 713, 719
4460458 ... 611, 627, 633, 638, 672, 673, 674, 678, 679, 680, 681, 685, 686, 687, 695, 719, 727
4460459 627
4460464 ... 609, 611, 619, 632, 633, 637, 655, 659, 663, 672, 678, 685, 689, 695, 719, 729, 731, 737
4460465 ... 609, 611, 619, 632, 633, 637, 638, 655, 672, 673, 674, 678, 679, 680, 681, 685, 686, 687, 689, 695, 719, 729, 731
4460466 ... 609, 611, 619, 632, 633, 655, 672, 673, 674, 678, 680, 681, 682, 685, 687, 689, 719, 729
4460467 835
4460475 ... 611, 627, 672, 674, 678, 681, 685, 686, 719
4460476 ... 627, 674, 681, 686
4460508 ... 633, 638, 711, 729
4460509 ..... 711, 713
4460510 835
4460518 611
4460536 ..... 633, 637
4460539 .... 611, 619, 695
4460608 ... 672, 674, 678, 681, 686
4460742 ... 611, 697, 713, 719
4460744 .... 672, 679, 685
4460746 .... 633, 638, 680
4460761 .... 611, 632, 637
4460789 ..... 697, 713
4460790 .... 633, 638, 711
4460809 611
4460836 ..... 632, 637
4460850 .... 672, 678, 685
4460871 632
4460872 632
4460884 ... 632, 637, 674, 678, 681, 687, 729
4460891 ... 611, 632, 633, 637, 638, 672, 673, 678, 679, 680, 685, 686, 695, 719, 731
4460894 ..... 655, 729
4460897 .... 695, 731, 737
4460905 632
4460930 ... 609, 632, 633, 637, 638
4460931 ... 611, 672, 678, 685, 729
4460932 663
4460933 ... 619, 633, 637, 689, 729
4460941 ..... 719, 729
4460942 .... 632, 689, 729
4460945 611
4460950 689
4460955 ... 673, 679, 680, 686
4460970 ... 619, 632, 633, 637, 638, 641, 719
4460994 .... 632, 637, 737
4461006 ..... 680, 681
4461017 ... 633, 638, 711, 729
4461018 ..... 711, 713
4461070 ... 632, 680, 681, 687
4461095 ... 673, 680, 681, 687
4461103 .... 634, 639, 719
4461157 .... 672, 678, 685, 719
4520356 367
4520527 365
4641122 367
4641501 ..... 571, 575
4641502 ..... 117, 571
4710600 .... 394, 398, 409, 413, 427, 430
4711000 617
4711400 ..... 91, 235, 237, 423, 439, 586, 590, 594, 598, 602, 606, 613, 617, 725
4711500 .... 193, 197, 235, 237, 441
4711600 .... 229, 586, 590, 594, 598, 602, 606, 615, 742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
4740362 ..... 235, 237
4750800 477
4751400 ..... 223, 441
4761400 .... 394, 398, 408, 413, 426, 430, 721
4761500 ..... 193, 197
4811400 .... 101, 103, 107, 109, 113, 121, 125, 127, 129, 647, 651
4811600 .... 229, 251, 253, 477, 629, 657
4811700 .... 189, 193, 197, 201, 223, 227, 463, 465, 594, 598, 701
4811702 ..... 47, 463, 465, 586, 590, 602, 606
4811900 43, 45, 213, 215, 217, 219, 463, 465, 586, 590, 594, 598, 602, 606
4811902 ..... 201, 205, 387
4812000 .... 201, 215, 227, 245, 247
4812002 623
4812100 .... 193, 197, 201, 213, 215, 217, 227, 255, 586, 590, 594, 598, 602, 606
4812300 ..... 193, 197, 201
4831400 .... 647, 649, 651, 653
4831600 ..... 253, 629
4831700 701
4832000 ..... 245, 247
4891500 213
4891600 . 19, 23, 27, 213, 215, 217
4891800 ..... 121, 125, 129
4892400 53
5240800 ..... 255, 257
5241000 ..... 101, 103
5242400 189
5251014 .... 394, 398, 408, 413, 426, 430
5724622 62
5746411 62
6604662 127
70002219 539
70002224 539
70003849 539
70004637 551
70010239 835
70020002 115
70020004 179
70020028 115
70020375 549
70020425 285
70020426 285
70020427 291
70020430 283
70020431 283
70020555 ..... 157, 159
70020562 111
70020652 447
70020658 557
70020743 569
70020745 569
70020876 459
70021140 ..... 325, 353
70021342 ..... 99, 111
70021349 ..... 97, 99
70021351 115
70021358 111
70021359 111
70021360 111
70021361 111
70021362 111
70021364 111
70021365 111
70021366 111
70021367 111
70021376 ..... 115, 537
70021377 115
70021378 115
70021379 115
70021382 115
70021387 ..... 97, 111
70021389 115
70021391 111
70021392 111
70021393 ..... 111, 553
70021399 111
70021415 ..... 97, 99
70021440 .... 93, 537, 553
70021444 ..... 537, 553
70021445 537
70021446 ..... 537, 553
70021447 ..... 537, 553
70021448 ..... 537, 553
70021451 ..... 537, 553
70021452 ..... 537, 553
70021464 553
70021465 553
70021466 553
70021613 ..... 331, 359
70021921 ..... 97, 99
70021935 ..... 97, 99
70021948 ..... 441, 831
70021977 ..... 97, 99
70021978 ..... 97, 99
70021979 ..... 97, 99

70021980.....111
70021981.....111
70021982.....111
70022008.....577
70022014.....577
70022028.....97, 99
70022140.....311, 339
70022527.....97, 99, 111
70022528.....97, 99
70022529.....97, 99
70022563.....551
70022564.....551
70022634...195, 199, 203
70022650.....569
70022797.....325, 353
70022799.....327, 355
70022871.....835
70022872.....835
70022931.....162
70022932.....162
70022934.....162
70022935.....163
70022936.....162
70022937.....162
70022939.....163
70022942.....162
70022946.....163
70022949.....162, 163
70022950.....162
70022952.....162
70022957.....162
70022960.....162
70022969.....162
70022970.....162
70022980.....163
70022984.....162
70022985.....162
70022987.....162
70022990.....163
70022992.....162
70022993.....162
70022994.....162
70022995.....162
70022996.....166
70022998.....163
70023000.....166
70023003.....162
70023004.....162
70023005.....162
70023006.....162
70023007.....162
70023008.....162
70023009.....162
70023010.....162
70023014.....162
70023015.....162
70023016.....162
70023116.....314, 342
70023174.....835
70023404.....269
70023482.....265
70023483.....265
70023490.....311, 339
70023494.....311, 339
70023506.....579
70023507.....579
70023508.....579
70023509..... 579
70023736.. 195, 199, 203
70023829..... 314, 342
70023885..... 269, 293
70023925..... 162
70023928..... 575
70023929..... 575
70023933..... 195, 199
70024004..... 311, 339
70024016.. 195, 199, 203
70024020..... 539
70024059..... 97, 99
70024060..... 99
70024062..... 93
70024123..... 166
70024129..... 559, 573
70024130..... 573
70024146..... 313, 342
70024147..... 313, 341
70024152..... 31, 35
70024202..... 577
70024210 . 317, 331, 345, 359
70024213..... 317, 345
70024215..... 317, 345
70024253..... 672, 678
70024254..... 672, 678
70024255..... 672, 678
70024256..... 672, 678
70024262..... 539
70024306..... 153
70024307..... 153
70024519..... 323, 351
70024522..... 325, 353
70024538..... 166
70024550..... 166
70024734..... 559
70024848..... 317, 345
70024849..... 317, 345
70024851..... 313, 341
70024855..... 455
70024881 . 309, 313, 323, 327, 337, 341, 351, 355
70025339..... 311, 339
70025480..... 423, 439
70025555..... 325, 353
70025556..... 325, 353
70025561 . 313, 327, 341, 355
70025562 . 311, 313, 325, 327, 339, 341, 353, 355
70025569..... 325, 353
70025570..... 325, 353
70025606..... 539
70025821..... 331, 359
70025822..... 331, 359
70025823..... 331, 359
70025852..... 207, 830
70025853..... 207, 830
70025856..... 311, 339
70025857..... 313, 341
70025859..... 567, 569
70025887..... 311, 339
70025959..... 539
70025970..... 317, 345
70025982..... 577
70026002..... 313, 341
70026056..... 539
70026057..... 539
70026058..... 539
70026059..... 539
70026060..... 539
70026061..... 539
70026062..... 539
70026066..... 313, 341
70026075..... 241, 243
70026076..... 241, 243
70026077..... 241, 243
70026078..... 241, 243
70026079..... 241, 243
70026080..... 243
70026081..... 241, 243
70026082..... 241, 243
70026083..... 241, 243
70026085..... 581, 830
70026087..... 581
70026088..... 467
70026089..... 467
70026090..... 467
70026091..... 467
70026092..... 467
70026093..... 467
70026097..... 563
70026098..... 563
70026100..... 455
70026101..... 455
70026102..... 455
70026103..... 455
70026104..... 455
70026105..... 455
70026106..... 455
70026107..... 455
70026108..... 455
70026109..... 455
70026110..... 455
70026111..... 455, 459
70026112..... 455
70026113..... 455
70026114..... 455
70026115..... 455
70026116..... 455
70026117..... 455
70026118..... 455
70026119..... 455
70026120..... 455
70026121..... 455
70026122..... 455
70026123.. 455, 457, 460
70026124..... 455, 460
70026133..... 577
70026139..... 325
70026216..... 689
70026217.. 674, 681, 689
70026220..... 195, 199
70026221..... 195
70026222..... 195, 203
70026223..... 199
70026224.. 195, 199, 203
70026225.. 195, 199, 203
70026226.. 195, 199, 203
70026228.. 195, 199, 203
70026229.. 195, 199, 203
70026230.. 195, 199, 203
70026231.. 195, 199, 203
70026232...195, 199, 203
70026233.....203
70026234...195, 203, 830
70026235...195, 199, 203
70026236.....199
70026237..195, 199, 203, 830
70026238.....327, 355
70026241...195, 199, 203
70026244.....221
70026245.....221
70026247.....221
70026248.....221
70026255.....339
70026262.....317, 345
70026263.....317, 345
70026264.....317, 345
70026347.....166
70026352.....447
70026370.....577
70026376.....577
70026393.....207
70026394.....207
70026401.....513
70026448.....835
70026453...195, 199, 830
70026470.....166
70026471.....166
70026472.....166
70026473.....166
70026476.....166
70026478.....573
70026481.....166
70026482.....166
70026495.....559
70026497.....559
70026499.....559
70026500.....559
70026501.....166, 559
70026502.....559
70026503.....559
70026505.....559
70026506.....559
70026564.....579
70026585.....166
70026586.....166
70026587.....166, 559
70026588.....166
70026589.....166, 573
70026590.....166
70026591.....166
70026592.....166
70026593.....166
70026594.....166
70026595.....166
70026596.....166
70026597.....166
70026598.....166
70026599.....166
70026600.....166
70026601.....166
70026602.....166
70026603.....166
70026604.....166
70026605.....166
70026606.....166
70026607.....166

70026608 166
70026609 166
70026610 559
70026611 559
70026612 573
70026613 573
70026614 573
70026615 573
70026616 573
70026617 573
70026618 573
70026619 573
70026620 573
70026621 573
70026622 ..... 327, 355
70026631 ..... 325, 353
70026652 577
70026653 577
70026698 ..... 97, 99
70026699 93
70026745 157
70026746 157
70026747 93
70026750 ..... 311, 339
70026770 547
70026771 547
70026773 547
70026774 547
70026775 547
70026800 203
70026801 ..... 203, 830
70026803 ..... 327, 355
70026812 ..... 327, 355
70026854 459
70026944 93
70026945 459
70026946 93
70026948 93
70026949 93
70026978 ..... 457, 459
70026979 459
70026980 459
70026981 ..... 457, 459
70026982 ..... 457, 459
70026983 ..... 457, 459
70026984 459
70026985 460
70026986 ..... 459, 831
70026987 459
70026988 459
70026989 459
70026990 459
70026991 ..... 457, 460
70027009 97
70027022 ..... 317, 345
70027024 449
70027026 449
70027027 449
70027028 449
70027030 449
70027032 449
70027033 449
70027035 449
70027092 ..... 317, 345
70027094 241
70027105 ..... 311, 339
70027134 577
70027244 551
70027275 569
70027276 569
70027281 ..... 195, 203
70027315 ..... 327, 355
70027317 . 317, 331, 345, 359
70027642 115
70027689 551
70027690 551
70027691 551
70027692 551
70027693 551
70027694 551
70027695 551
70027696 551
70027705 221
70027706 221
70027772 331
70027796 ..... 317, 345
7002821 835
7002822 835
7002823 835
7002828 835
70028388 . 309, 313, 337, 341
70028389 . 309, 313, 337, 341
70028390 ..... 311, 339
70028391 311
70028392 . 314, 327, 342, 355
70028402 549
70028403 549
70028404 549
70028407 549
70028408 549
70028450 ..... 195, 199
70028471 ..... 325, 353
70028514 565
70028515 565
70028516 565
70028517 565
70028547 567
70028779 459
70028780 459
70028781 459
70028782 459
70028881 ..... 327, 355
70028886 . 309, 323, 337, 351
70028890 . 313, 327, 341, 355
70028891 . 313, 327, 341, 355
70028892 341
70028922 ..... 314, 342
70028923 ..... 314, 342
70028924 ..... 313, 341
70028925 ..... 327, 355
70028926 ..... 313, 341
70028938 . 309, 323, 337, 351
70028939 . 309, 323, 337, 351
70028941 ..... 327, 355
70028943 ..... 328, 356
70028944 ..... 328, 356
70028947 .. 319, 333, 347, 361
70028948 .. 319, 333, 347, 361
70028949 .. 319, 333, 347, 361
70028950 .. 319, 333, 347, 361
70028951 .. 319, 333, 347, 361
70028952 .. 319, 333, 347, 361
70028974 .. 309, 323, 337, 351
70028975 .. 313, 327, 341, 355
70028976 ..... 327, 355
70028977 ..... 328, 356
70028997 353
70029454 ..... 313, 341
70029471 ..... 327, 355
70029472 ..... 327, 355
70029482 ..... 309, 337
70029483 ..... 311, 339
70029484 ..... 313, 341
70029486 ..... 313, 341
70029488 ..... 313, 342
70029489 ..... 313, 341
70029544 313
70029545 ..... 314, 342
70029546 ..... 327, 355
70029547 ..... 328, 355
70029558 581
70029584 581
70029704 187
70029705 187
70029706 187
70029707 187
70029708 187
70029709 187
70029710 187
70029711 187
70029712 187
70029713 187
70029714 187
70029715 187
70029716 187
70029717 181
70029718 181
70029719 181
70029720 179
70029721 179
70029722 179
70029723 179
70029724 179
70029725 ..... 177, 179
70029726 179
70029727 185
70029728 179
70029729 179
70029730 185
70029731 185
70029732 ..... 179, 187
70029733 187
70029734 ... 177, 179, 187
70029735 ..... 177, 179
70029736 179
70029737 187
70029738 ..... 177, 179
70029739 . 177, 179, 181, 183
70029740 177
70029741 .. 179, 181, 183
70029742 ..... 177, 179
70029743 .. 177, 179, 181
70029744 183
70029745 179
70029746 ..... 181, 183
70029747 ..... 177, 179
70029748 183
70029749 ..... 181, 183
70029750 177
70029751 179
70029752 179
70029753 187
70029754 187
70029755 179
70029756 ..... 177, 179
70029757 179
70029758 187
70029759 187
70029760 179
70029761 181
70029762 ..... 177, 179
70029763 183
70029764 179
70029765 179
70029766 179
70029767 179
70029768 179
70029769 181
70029770 183
70029771 181
70029772 181
70029773 179
70029774 179
70029775 179
70029776 179
70029777 ..... 177, 179
70029778 179
70029779 179
70029780 ..... 177, 179
70029781 ..... 177, 179
70029782 185
70029783 185
70029784 179
70029785 177
70029786 179
70029787 183
70029788 179
70029789 ..... 181, 183
70029790 179
70029791 187
70029792 177
70029793 179
70029794 ..... 177, 179
70029795 187
70029796 187
70029798 579
70029822 ..... 457, 459
70029823 ..... 457, 459
70029824 ..... 457, 459
70029825 457

70029826.....457
70029827.....457, 459
70029828.....457, 459
70029829.....457, 459
70029830.....457
70029831.....457
70029832.....457, 459
70029833.....457, 459
70029834.....457, 460
70029835.....457, 460
70029836.....457, 460
70029837.....457, 460
70029838.....457, 460
70029839.....457, 460
70029840.....457, 460
70029841.....457, 460
70029842.....457, 460
70029843.....457, 460
70029844.....457
70029874.....577
70029981.....459
70029984.....460
70030001.....577
70030002.....577
70030003.....577
70030004.....577
70030005.....577
70030006.....577
70030007.....577
70030008.....577
70030009.....577
70030010.....577
70030011.....577
70030012.....577
70030013.....577
70030014.....577
70030015.....577
70030016.....577
70030017.....577
70030018.....577
70030019.....577
70030020.....577
70030021.....577
70030022.....577
70030023.....577
70030036.....523
70030037.....523
70030038.....577
70030039.....577
70030040.....577
70030041.....577
70030141.....115
70030142.....115
70030143.....115
70030144.....115
70030145.....115
70030281.....459
70030292.....581
70030317.....199
70030347.....199
70031092.....549
70031148.....195
70031325.....541
70031326.....541
70031327.....541
70031328.....541
70031329.....541
70031344..... 545
70031345..... 545
70031346..... 545
70031347..... 545
70031348..... 545
70031349..... 545
70031350..... 199
70031351..... 199
70031352..... 199
70031380..... 199
70031394..... 459
70031395..... 459
70031396..... 459
70031397..... 459
70031398..... 459
70031402..... 459
70031403..... 459
70031404..... 459
70031405..... 459
70031406..... 459
70031413..... 460
70031414..... 460
70031420..... 460
70031421..... 460
70031422..... 460
70031442..... 166
70031443..... 117
70031444..... 115
70031445..... 97, 99
70031446..... 111
70031448..... 166
70031458..... 328
70031459..... 328
70031717..... 617
70041616.. 195, 199, 203
70041617.. 195, 199, 203
70041619.. 195, 199, 203
70041620.. 195, 199, 203
7004275..... 835
7004276..... 835
7010746..... 579
7010769..... 581
7012903..... 561
7016654..... 835
7017496..... 561
7024441..... 31, 35
7026404..... 674, 680
7026758... 271, 273, 275, 277, 279, 281
7026759... 271, 273, 275, 277, 279, 281
7026760... 271, 273, 275, 277, 279, 281
7026798..... 449
7026911..... 299, 301
7027273..... 283
7028706... 323, 327, 351, 355
7028714... 313, 327, 341, 355
7028716... 313, 327, 341, 355
7028721..... 327, 355
7028722..... 327, 355
7028731..... 327, 355
7028732..... 327, 355
7029037..... 285, 287
7029039..... 287
7029127... 319, 333, 347, 361
7029131..... 325, 353
7029153..... 561
7029246..... 561, 830
7029288..... 309, 337
7029309..... 313, 341
7029311... 313, 327, 341, 355
7029412..... 459
7029413..... 459
7029415..... 459
7029417..... 293
7029520..... 159
7029521..... 159
7029532.... 273, 275, 283
7029533.... 273, 275, 283
7029692..... 99, 111
7029711..... 115
7029714..... 111
7029734..... 317, 345
7029735..... 317, 345
7029786..... 331, 359
7029787..... 317, 345
7029860..... 445
7054351..... 261
7057141..... 235, 237
7062922..... 127
7079572..... 61
7082311..... 61
7082342..... 61
7082362..... 61
7083992..... 61
7085571..... 73
7090871..... 55
7090891..... 55
7091373..... 55
7095312..... 61
7095352..... 61
7095522..... 61
7096552..... 61
7096562..... 61
7096702..... 61
7096772..... 61
7096882..... 61
7110172..... 63
7110702..... 127
7110712..... 127
7110722..... 127
7111402..... 63
7111572..... 61
7112452..... 61, 81
7112642..... 169
7112732..... 62
7113952..... 79
7113982..... 79
7114922..... 62
7114941..... 171, 173
7116572..... 729
7116642..... 69
7116652..... 69
7116662..... 69
7116691..... 69
7116733..... 61, 69
7116792..... 61
7116812..... 69
7117031.....63
7117502.....63
7117582.....61
7118882.....71
7118892.....61, 71
7124301.....19, 23, 27
7124451.....19, 23, 27
7124471..19, 23, 27, 699, 701
7124491.....55
7125801.....55
7125811.....62
7125871.....193, 197, 201
7126662.....63
7127852.....63
7127862.....63
7131633.....834
7131643.....834
7137142.....19, 23, 27
7138468.....63
7138634.....261
7138639.....295, 301
7138833....394, 398, 408, 413, 426, 430
7138836....394, 398, 408, 413, 426, 430
7138878....394, 398, 408, 413, 426, 430, 831
7138882.....391
7138944....394, 398, 408, 413, 426, 430
7138958.....423, 439
7138977.....61
7138979.....61
7138986.....61
7139032.....75, 77
7139047....39, 41, 43, 45, 47
7139077.....31, 35, 830
7139180.....61
7139407....39, 41, 43, 45, 47
7139416.....75, 77
7139504.....501
7139505.....501
7139690.....61, 77
7139692.....63, 75
7139693.....62, 79
7139918.....117
7150680.....705
7150681.....703
7150685.....701, 707
7150690.....703, 705
7150699.....701, 707
7150702.....707
7150703.....709
7150716.....701, 709
7150717.....701, 709
7300435.....193, 197, 201
7300672.....61
7300673.....61
7300674.....61
7300675.....61
7301265.....426, 430
7301295.....117
7301408.....145
7301721.....501

7302010 61
77133133 ..... 463, 465
77133134 ..... 463, 465
77143006 621
80204002 ..... 309, 337
80204005 . 313, 327, 341, 355
80204012 . 309, 314, 337, 342
80204033 ..... 311, 339
80204035 ..... 311, 339
80204043 ..... 311, 339
80204048 ..... 311, 339
80204060 ..... 317, 345
80204065 . 313, 327, 341, 355
80204071 . 313, 327, 341, 355
80204076 ..... 313, 341
80204108 ..... 317, 345
80204117 . 317, 327, 331, 345, 355, 359
80204144 . 319, 333, 347, 361
80204281 ..... 317, 331
8024032 834
8024033 834
8024053 834
80241137 ..... 19, 23, 27
80264138 563
80304405 267
8032694 581
8032695 581
8032790 579
8032994 561
8033786 541
8034695 543
8034697 577
8034815 445
8035109 .... 297, 299, 301
8035281 561
8035282 561
8035321 549
8035327 557
8035347 577
8035382 577
8035393 445
8035409 445
8035411 445
8035493 447
8035498 447
8035499 447
8035500 447
8035523 443
8035547 543
8035611 543
8035612 543
8035613 543
8035781 561
8035807 ... 394, 398, 408, 413, 430, 831
8036001 543
8036021 265
8036022 265
8036023 267
8036024 269
8036025 269
8036026 269
8036027 269
8036028 269
8036029 ... 273, 275, 277, 279, 281
8036030 283
8036031 283
8036032 283
8036033 285
8036036 287
8036038 287
8036039 287
8036040 287
8036041 293
8036042 293
8036050 .... 423, 439, 443
8036056 .... 423, 439, 445
8036099 445
8036100 445
8036190 .... 273, 275, 283
8036192 561
8036196 443
8036197 443
8036198 443
8036199 443
8036209 707
8036210 709
8036212 ..... 707, 709
8036213 ..... 707, 709
8036214 ..... 707, 709
8036215 ..... 707, 709
8036216 ..... 707, 709
8036250 293
80363179 689
80364095 563
8036580 561
8036581 561
8036582 561
8036726 ..... 457, 459
8036732 557
8036733 547
8036747 561
8036750 ..... 549, 557
8036784 557
8036811 ..... 557, 561
8036825 ..... 557, 561
8036826 561
8036827 561
8036828 561
8036837 557
8036838 557
8036839 557
8037109 577
80373094 211
80384207 445
80384213 445
80384218 ..... 423, 439
80384445 443
8050001 . 19, 23, 27, 303, 305
80604016 689
80604017 737
80604018 . 672, 673, 678, 679, 680, 685, 686
80604021 .. 674, 678, 687
80604024 ..... 678, 685
80623016 499
8065062 127
8065063 55
8065640 ..... 19, 23, 27, 61
8065641 ..... 19, 23, 27
80963061 ..... 633, 638
80963062 ... 672, 678, 685
80963067 .. 672, 678, 680, 685
8124138 ..... 75, 77
8127009 79
8127022 77
8127024 75
82033997 ..... 423, 439
8220007 737
8220035 ..... 609, 737
8220051 .... 633, 637, 729, 737
8220058 ..... 674, 681, 686
8220081 .... 633, 638, 672, 674, 679, 681, 685, 686, 713
8220089 .... 633, 638, 680, 711
8220097 .... 633, 638, 672, 678, 685
8220098 .... 638, 672, 678, 685
8220108 609
8220124 .... 672, 674, 678, 681, 685, 686, 687, 689
8220125 ..... 633, 638, 680
8220160 ..... 674, 680
8220164 ..... 673, 680, 686
8220366 679
8220375 679
8220536 .... 672, 673, 678, 679, 685, 686
8220889 ..... 673, 679
8220890 727
8220895 689
8220904 .... 632, 637, 695, 713, 719, 737
8220927 .... 633, 638, 672, 678, 685
8220929 .... 633, 638, 672, 678, 685
8223025 ..... 701, 831
8223037 .... 394, 398, 408, 413, 426, 430, 831
8223038 ..... 691, 693, 831
8223043 .... 408, 413, 426, 430, 831
8223044 .... 408, 413, 426, 430, 831
8223054 .... 394, 398, 408, 413, 426, 430, 831
8223059 ..... 699, 701, 831
8223060 ..... 701, 831
8223073 ..... 701, 830
8223232 261
8223536 51
8229233 ..... 634, 638, 830
8229234 .... 609, 634, 639, 830
8229235 .... 611, 634, 639, 830
8229237 ..... 634, 639, 830
8229238 .... 634, 639, 830
8229242 .... 674, 682, 830
8229243 ..... 719, 830
8229244 ..... 680, 830
8229245 711
8229261 ... 609, 634, 638, 830
8270620 ... 586, 590, 594, 598, 602, 606
8270621 613
8278020 ..... 235, 237
8302470 ... 39, 41, 43, 45, 47
8303034 ... 401, 403, 405, 417, 419, 421, 423, 433, 435, 437, 439, 441, 507
8303041 62
8303119 441
8303519 531
8303540 62
8303545 ... 586, 590, 594, 598, 602, 606, 721
8303615 ... 39, 41, 43, 45, 47
8303620 ..... 62, 373, 377, 394, 398, 408, 413, 426, 430, 515
8303621 62
8303622 62
8303624 62
8303626 ... 169, 171, 173, 394, 398, 408, 413, 426, 430
8303628 55
8303629 55
8303634 ..... 62, 117, 127
8303640 73
8303655 62
8303658 117
8303666 62
8303675 531
8303679 62
8303681 62
8303697 . 31, 35, 62, 394, 398, 408, 413, 426, 430
8303715 ..... 62, 127
8303724 261
8303729 ... 39, 41, 43, 45, 47
8303738 63
8303745 ..... 703, 705
8303752 ..... 19, 23, 27
8303757 .... 515, 517, 519
8303766 515
8303771 ..... 65, 617, 699, 701
8303772 62
8303782 ..... 19, 23, 27
8303784 249
8303982 ... 394, 398, 408, 413, 426, 430
8304608 493
8305002 ... 586, 590, 594, 598, 602, 606
8305004 ... 39, 41, 43, 45, 47, 523, 617, 725

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

8305006...19, 23, 27, 501
8305008.....235, 237, 515
8305012.....169
8305014.....19, 23, 27
8305043.....209, 483
8305603.....441
8305619.....73
8305624.....62, 117, 423, 439, 586, 590, 594, 598, 602, 606, 613
8305626....19, 23, 27, 63, 394, 398, 408, 413, 426, 430, 623, 699, 701, 703, 705
8305638.....441
8305643.....62, 117, 127
8305644....19, 23, 27, 55, 62, 69, 171, 173, 394, 398, 408, 413, 426, 430
8305645....39, 41, 43, 45, 47, 62, 65, 69, 373, 377, 617, 699, 701, 742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
8305646.....62
8305906.....61
8305916....394, 398, 408, 413, 426, 430
8307002....39, 41, 43, 45, 47, 725
8307003....586, 590, 594, 598, 602, 606
8307004.....62, 223, 491, 501, 515, 517, 519, 521, 525
8307005.....62, 531, 725
8307006.....295
8307007.....62, 169, 171, 173
8307009.....19, 23, 27
8307011.....391
8307023....394, 398, 408, 413, 426, 430
8307024....742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
8307027....586, 590, 594, 598, 602, 606
8307049.....261
8307104.....62, 73
8307106.....63, 209, 394, 398, 408, 413, 426, 430, 586, 590, 594, 598, 602, 606
8307109....394, 398, 408, 413, 426, 430
8307110....373, 377, 394, 398, 408, 413, 426, 430, 515
8307111....586, 590, 594, 598, 602, 606
8307112... 171, 173, 394, 398, 408, 413, 423, 426, 430, 439
8307202... 39, 41, 43, 45, 47
8307203...19, 23, 27, 501
8307204... 39, 41, 43, 45, 47, 62, 65, 69, 617, 699, 701
8307206..... 69
8307219..... 721
8307222..... 209, 483
8307904..... 63, 127
8307910..... 62
8307911..... 62
8307912..... 53
8307913..... 53
8307918..... 62, 127
8310009... 223, 491, 501, 521, 525
8310019..... 62
8310020..... 62
8310026..... 61, 394, 398, 408, 413, 426, 430
8310039..... 19, 23, 27
8310046... 586, 590, 594, 598, 602, 606
8310066..... 62
8310067..... 261
8310081..... 62
8310085... 401, 403, 417, 419, 433, 435
8310093..... 62
8310109..... 423, 439
8310113..... 63
8310116..... 53, 303, 305
8310151..... 55
8310160..... 127
8310161..... 127
8310205..... 62
8310209..... 69
8310210..... 62
8310215..... 261
8310235..... 69
8310245..... 69
8310266..... 71
8310276..... 71
8310281..... 235, 237
8310302..... 117
8310356..... 531
8310382... 394, 398, 408, 413, 426, 430
8310420..... 531
8310424..... 219
8310425..... 295
8310431..... 63
8310435..... 117
8310493..... 391
8310497..... 61
8310522...19, 23, 27, 531
8310576..... 523
83191010..... 387
8405007... 231, 233, 463, 465
8405104..... 231, 233
8405201..... 231, 233
8405212.... 231, 233, 251
8405305..... 231, 233
8405307..... 209
8405404..... 205
8406010..... 617
8406105... 261, 586, 590, 594, 598, 602, 606
8406112... 193, 197, 227, 229
8406303..... 201
8410007..... 205
8410021..... 209
842005363, 97, 115, 117, 121, 125, 127, 129
842005563, 97, 115, 117, 121, 125, 127, 129
8430032..... 481, 529
8430046..... 529
8430048..... 463, 465
8466306... 742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810
8500203..... 701
8520001.... 19, 23, 27, 62
8520003... 19, 23, 27, 63, 499
8520013..... 55, 62
8522012... 19, 23, 27, 61, 75, 77
8526007 61, 71, 249, 557
8526011..... 543, 557
8526048..... 63
8526406..... 61
8530030..... 531
8580315..... 127
8580420... 39, 41, 43, 45, 47
8584001..... 81, 127, 463, 465, 586, 590, 594, 598, 602, 606, 699, 701, 725
8584018..... 699, 701
8584021..... 81
85841150..... 515
8630003..... 117
8630019..... 531
8640123..... 531
8642207..... 127
8642224..... 62
8642237..... 75, 77
86683122..... 253, 629
8750003..... 62
8750011..... 62
8750012... 225, 491, 493, 521, 525
8750017..... 61, 223, 225, 515, 521
8750025.... 515, 517, 519
8750026..... 521
8750027... 491, 493, 521, 525
8750040.... 517, 519, 521
8760268.... 521, 529, 533
8760463..... 501
8760465..... 62
8760468..... 63
8760548.....261
8760552.....31, 35
8765204.....505, 533, 733
8769122.....62
8769123.....62
8769127.....223, 225
8769128.....63, 223, 491, 521, 525
8769132.....127
8769139.....63
8770016.....127
8770048.....31, 35
8770064.....495
8770189.....55
8780039.....363
8786514....371, 373, 375, 377
8820904.....719
88211516.....701
88261015.....201
8841036....261, 263, 265, 267, 269, 271, 273, 275, 277, 279, 281, 283, 285, 287, 291, 293
88411148.....19, 23, 27
88501005.....699
88671001...121, 125, 129
8880218-OM.....295
8880219-OM.....295
8881800.....201
8902842.....541
8903015.....577
8990147....394, 398, 408, 413, 426, 430
90028631.....209
90200003..117, 119, 121, 123, 125, 127, 129, 131
90206196.....721, 723
90451058.....117
9055401693, 97, 99, 111, 115, 157
90554017.....111, 115
90554018.....111
90554020.....97, 99, 115
90554033.....93
90554034.....93
90554042.....97, 99
90554045.....537, 553
90554054.....97, 99
90554062.....99, 111
90554065.....111, 115
90554067.....115
90554076.....99, 111
90554080.....159
91043125.....163
91043126.....162
91043147.....463, 465
91053419.....251
91081640.....621, 623
91083129.....209
91083385.....363, 365
91163035.....217
91293003.....209
91304025.....563
91364023.....211
91403097.....261
91403193.....303, 305

91403413 ..... 63, 97, 115, 117, 121, 125, 127, 129, 163, 167
91403414 ..... 63, 97, 115, 117, 121, 125, 127, 129, 162, 167
91403448 95
91404011 563
91404013 563
91404298 ..... 423, 439
91404299 ..... 423, 439
91404301 ..... 423, 439
91404326 563
91473086 481
91474023 581
91474507 ..... 323, 351
91474512 . 309, 323, 337, 351
91474529 ..... 325, 353
91474533 ..... 325, 353
91474539 ..... 325, 353
91474547 ..... 325, 353
91474550 ..... 325, 353
91474551 ..... 325, 353
91474553 ..... 325, 353
91474568 ..... 331, 359
91474576 ..... 327, 355
91474584 ..... 327, 355
91474591 ..... 323, 351
91474593 ..... 325, 353
91474595 ..... 325, 353
91503106 672
91513266 387
91514081 . 313, 327, 341, 355
91514082 . 313, 327, 341, 355
91514083 ..... 313, 341
91514084 ..... 313, 341
91514089 . 309, 313, 317, 337, 341, 345
91514095 . 313, 327, 341, 355
91514101 ..... 309, 337
91514111 .. 313, 327, 341, 355
91514118 387
91514130 ..... 311, 339
91514131 ..... 311, 339
91514133 ..... 311, 339
91514134 .. 311, 325, 339, 353
91514143 ..... 311, 339
91514146 .. 313, 327, 341, 355
91514147 .. 313, 327, 341, 355
91514148 .. 313, 327, 341, 355
91514149 .. 313, 327, 341, 355
91514151 ..... 317, 345
91514154 .. 317, 331, 345, 359
91514159 .. 317, 331, 345, 359
91514174 ..... 313, 341
91514175 . 313, 327, 341, 355
91514177 ..... 313, 341
91514180 ..... 313, 341
91514181 . 313, 327, 341, 355
91514183 . 313, 327, 341, 355
91514188 . 313, 323, 327, 341, 351, 355
91514189 . 313, 327, 341, 355
91514225 563
91554014 ..... 632, 637
91563250 ..... 363, 365
91565039 365
91565040 365



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