SKYTRAK®

Illustrated Parts Manual

Models
8042
10042
10054

PVC
1911
2005

P/N
31211390

November 1, 2023 - Rev D

JLG®
An Oshkosh Corporation Company

EFFECTIVITY PAGE

November 1, 2019 - A - Original Issue of Manual (Manual Edited to 1001169970 Revision AP, 1001169971 Revision AO, 1001169972 Revision AQ)

June 15, 2020 - B - Revised Manual (Manual Edited to 1001169970 Revision AR, 1001169971 Revision AQ, 1001169972 Revision AS)

December 7, 2021 - C - Revised Manual (Manual Edited to 1001169970 Revision AR, 1001169971 Revision AQ, 1001169972 Revision AS)

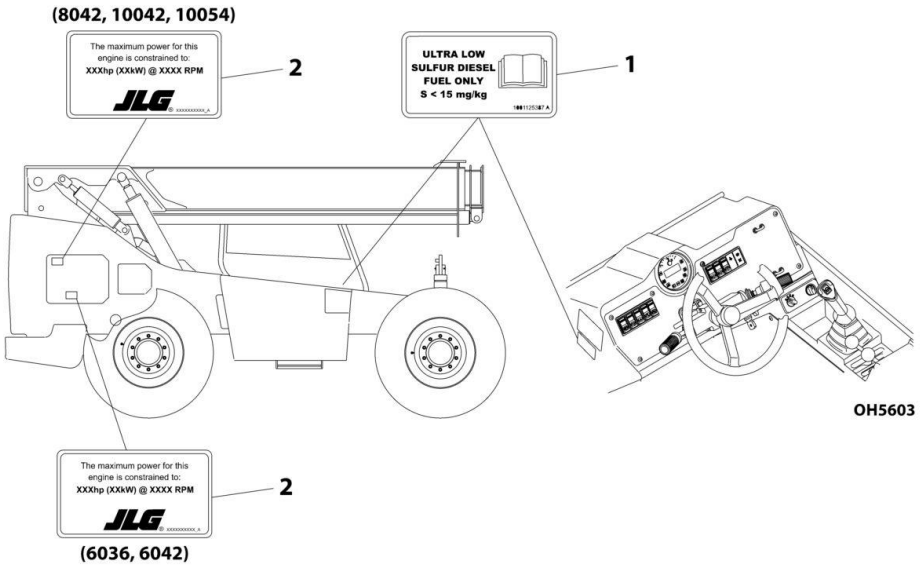
November 1, 2023 - D - Revised Manual (Edited to B/M 1001169970 Revision AR, 1001169971 Revision AQ, 1001169972 Revision AS)

Machine Configuration

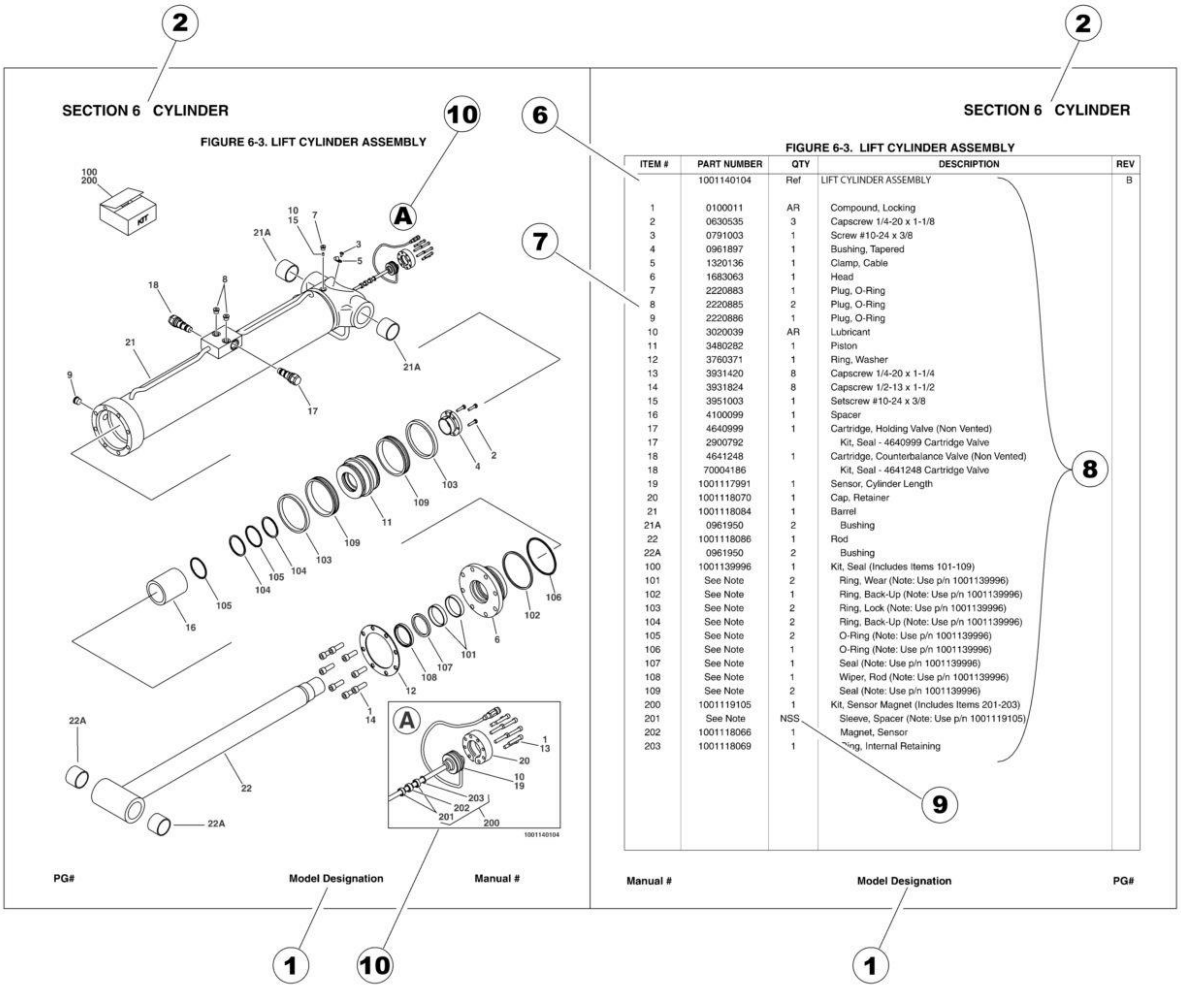
Two configurations of each machine are included in this manual. Determine if machine is equipped with Ultra Sulfer Fuel Decal (1) as indicated below.

- **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 19

FIGURE 1-1. FRAME COMPONENTS INSTALLATION (74HP ULS) (PVC1911) (8042) 20
FIGURE 1-2. FRAME COMPONENTS INSTALLATION (74HP ULS) (PVC2005) (8042) 24
FIGURE 1-3. FRAME COMPONENTS INSTALLATION (110HP ULS) (PVC1911) (8042) 28
FIGURE 1-4. FRAME COMPONENTS INSTALLATION (110HP ULS) (PVC2005) (8042) 32
FIGURE 1-5. FRAME COMPONENTS INSTALLATION (110HP LS) (PVC1911) (8042) 36
FIGURE 1-6. FRAME COMPONENTS INSTALLATION (110HP LS) (PVC2005) (8042) 40
FIGURE 1-7. FRAME COMPONENTS INSTALLATION (74HP ULS) (PVC1911) (10042) 44
FIGURE 1-8. FRAME COMPONENTS INSTALLATION (74HP ULS) (PVC2005) (10042) 48
FIGURE 1-9. FRAME COMPONENTS INSTALLATION (110HP ULS) (PVC1911) (10042) 52
FIGURE 1-10. FRAME COMPONENTS INSTALLATION (110HP ULS) (PVC2005) (10042) 56
FIGURE 1-11. FRAME COMPONENTS INSTALLATION (110HP LS) (PVC1911) (10042) 60
FIGURE 1-12. FRAME COMPONENTS INSTALLATION (110HP LS) (PVC2005) (10042) 64
FIGURE 1-13. FRAME COMPONENTS INSTALLATION (74HP ULS) (PVC1911) (10054) 68
FIGURE 1-14. FRAME COMPONENTS INSTALLATION (74HP ULS) (PVC2005) (10054) 72
FIGURE 1-15. FRAME COMPONENTS INSTALLATION (110HP ULS) (PVC1911) (10054) 76
FIGURE 1-16. FRAME COMPONENTS INSTALLATION (110HP ULS) (PVC2005) (10054) 80
FIGURE 1-17. FRAME COMPONENTS INSTALLATION (110HP LS) (PVC1911) (10054) 84
FIGURE 1-18. FRAME COMPONENTS INSTALLATION (110HP LS) (PVC2005) (10054) 88
FIGURE 1-19. TANKS ASSEMBLY - HYDRAULIC/FUEL/DEF (74HP ULS) 92
FIGURE 1-20. TANKS INSTALLATION - HYDRAULIC/FUEL/DEF (110HP ULS) 94
FIGURE 1-21. TANKS ASSEMBLY - HYDRAULIC/FUEL (110HP ULS & LS) 96
FIGURE 1-22. DEF TANK ASSEMBLY (110HP ULS) 98
FIGURE 1-23. FRAME COVERS INSTALLATION (74HP ULS) (8042) 100
FIGURE 1-24. FRAME COVERS INSTALLATION (74HP ULS WITH AIR SHUT OFF VALVE) (8042) 102
FIGURE 1-25. FRAME COVERS INSTALLATION - 8042 (110HP ULS) (8042) 104
FIGURE 1-26. FRAME COVERS INSTALLATION (110HP ULS WITH AIR SHUT OFF VALVE) (8042) 106
FIGURE 1-27. FRAME COVERS INSTALLATION (110HP LS) (8042) 108
FIGURE 1-28. FRAME COVERS INSTALLATION (74HP ULS) (10042,10054) 110
FIGURE 1-29. FRAME COVERS INSTALLATION (74HP WITH AIR SHUT OFF VALVE) (10042,10054) 112
FIGURE 1-30. FRAME COVERS INSTALLATION - 10042 & 10054 (110HP ULS) (10042,10054) 114
FIGURE 1-31. FRAME COVERS INSTALLATION (110HP ULS WITH AIR SHUT OFF VALVE) (10042,10054) 116
FIGURE 1-32. FRAME COVERS INSTALLATION (110HP LS) (10042,10054) 118
FIGURE 1-33. DUST SHIELD INSTALLATION 120
FIGURE 1-34. OUTRIGGER INSTALLATION (10042) 122
FIGURE 1-35. OUTRIGGER INSTALLATION (10054) 124
FIGURE 1-36. OUTRIGGER MOUNTING INSTALLATION (10042,10054) 126
FIGURE 1-37. OUTRIGGER SUB-ASSEMBLY (10042,10054) 128

SECTION 2 - BOOM 131

FIGURE 2-1. BOOM INSTALLATION (8042) 132
FIGURE 2-2. BOOM INSTALLATION (10042) 136
FIGURE 2-3. BOOM INSTALLATION (10054) 140
FIGURE 2-4. HOSE PULLEY ASSEMBLY 146
FIGURE 2-5. LOCK PIN ASSEMBLY 148

TABLE OF CONTENTS

FIGURE 2-6. QUICK COUPLING ASSEMBLY 150
FIGURE 2-7. BUSHING SHEAVE INSTALLATION 152
FIGURE 2-8. BUSHING SHEAVE INSTALLATION (10054) 154
FIGURE 2-9. BUSHING SHEAVE ASSEMBLY 156
FIGURE 2-10. EXTEND CHAIN ASSEMBLY 158
FIGURE 2-11. RETRACT CHAIN AND CLEVIS ASSEMBLY 160
FIGURE 2-12. EXTEND CHAIN AND CLEVIS ASSEMBLY (10054) 162
FIGURE 2-13. HOSE AND CARRIER ASSEMBLY (10054) 164
FIGURE 2-14. BOOM AUXILIARY HYDRAULICS INSTALLATION (10042,8042) 166

SECTION 3 - ATTACHMENTS 169

FIGURE 3-1. BASKET, PERSONNEL - 4FT X 8FT DOMESTIC) 170
FIGURE 3-2. BASKET, PERSONNEL - 4FT X 8FT (ISO) 172
FIGURE 3-3. BASKET, PERSONNEL - 4FT X 8FT (FRENCH) 174
FIGURE 3-4. BASKET, FORK MOUNTED 176
FIGURE 3-5. BOOM - ADJUSTABLE (CARRIAGE MOUNTED) 178
FIGURE 3-6. BOOM - ADJUSTABLE (FORK MOUNTED) 180
FIGURE 3-7. BOOM - 3FT WITH WINCH 182
FIGURE 3-8. BOOM - 12FT WITH WINCH 184
FIGURE 3-9. BOOM - 2FT WITHOUT WINCH 186
FIGURE 3-10. BOOM - 15FT WITHOUT WINCH 188
FIGURE 3-11. BUCKET - 60IN (1.3 CU YD) (FORK MOUNTED) 190
FIGURE 3-12. BUCKET - 72IN (1.0 CU YD) 192
FIGURE 3-13. BUCKET - 96IN (1.5 CU YD) 194
FIGURE 3-14. BUCKET - 96IN GRAPPLE 196
FIGURE 3-15. BUCKET - 102IN (2.0 CU YD) 198
FIGURE 3-16. CARRIAGE ASSEMBLY - 48IN/12000# CAPACITY SIDE SHIFT 200
FIGURE 3-17. CARRIAGE ASSEMBLY - 50IN/10000# CAPACITY DUAL FORK POSITIONING 202
FIGURE 3-18. CARRIAGE ASSEMBLY - 50IN/12000# CAPACITY STANDARD 204
FIGURE 3-19. CARRIAGE ASSEMBLY - 50IN/12000# CAPACITY SIDE TILT 206
FIGURE 3-20. CARRIAGE ASSEMBLY - 60IN/12000# CAPACITY STANDARD 208
FIGURE 3-21. CARRIAGE ASSEMBLY - 60IN/12000# CAPACITY SIDE TILT 210
FIGURE 3-22. CARRIAGE ASSEMBLY - 72IN/10000# CAPACITY 90 DEGREE SWING 212
FIGURE 3-23. CARRIAGE ASSEMBLY - 72IN/12000# CAPACITY SIDE TILT 214
FIGURE 3-24. CARRIAGE ASSEMBLY - 72IN/15000# CAPACITY STANDARD 216
FIGURE 3-25. FORK 1.75X7X60 / 5400# CAPACITY 218
FIGURE 3-26. FORK 2X2X48 / 1940# CAPACITY 220
FIGURE 3-27. FORK 2.00X6X72 / 5650# CAPACITY (PVC1911) 222
FIGURE 3-28. FORK 2.00X6X72 / 6610# CAPACITY (PVC2005) 224
FIGURE 3-29. FORK 2.36X4X48 / 5000# CAPACITY 226
FIGURE 3-30. FORK 2.36X4X48 / 5475# CAPACITY 228
FIGURE 3-31. FORK 2.36X4X60 / 5000# CAPACITY 230
FIGURE 3-32. FORK 2.36X5X48 / 6850# CAPACITY 232
FIGURE 3-33. FORK 2.36X5X60 / 6850# CAPACITY 234
FIGURE 3-34. FORK 2.36X5X72 / 6850# CAPACITY 236
FIGURE 3-35. FORK 2.36X6X60 / 8150# CAPACITY 238

FIGURE 3-36. FORK EXTENSION - 90IN 240
FIGURE 3-37. FORK PIN LOCK INSTALLATION 242
FIGURE 3-38. HOOK, COUPLING 244
FIGURE 3-39. HOOK, CRANE 246
FIGURE 3-40. MAST, VERTICAL - 8FT 248
FIGURE 3-41. PIPE HANDLER (10042,10054) 252
FIGURE 3-42. SHEET MATERIAL HANDLER 256
FIGURE 3-43. SHEET MATERIAL HANDLER FORK SUPPORT (LH) 258
FIGURE 3-44. SHEET MATERIAL HANDLER FORK SUPPORT (RH) 260
FIGURE 3-45. SWEEPER ASSEMBLY 262
FIGURE 3-46. SWEEPER ASSEMBLY - BODY 264
FIGURE 3-47. SWEEPER ASSEMBLY - CORE 266
FIGURE 3-48. SWEEPER ASSEMBLY - HYDRAULIC SINGLE MOTOR ASSEMBLY 268
FIGURE 3-49. SWEEPER ASSEMBLY - HOPPER 270
FIGURE 3-50. SWEEPER ASSEMBLY - IDLER 272
FIGURE 3-51. SWEEPER ASSEMBLY - MOTOR 274
FIGURE 3-52. TRASHER HOPPER 276

SECTION 4 - ENGINE AND ATTACHING PARTS 279

FIGURE 4-1. ENGINE INSTALLATION - 74HP (ULS) 280
FIGURE 4-2. ENGINE COMPONENTS - 74HP (ULS) 282
FIGURE 4-3. ENGINE INSTALLATION - 110HP (ULS) 284
FIGURE 4-4. ENGINE COMPONENTS - 110HP (ULS) 286
FIGURE 4-5. ENGINE INSTALLATION - 110HP (LS) 288
FIGURE 4-6. ENGINE COMPONENTS - 110HP (LS) 290
FIGURE 4-7. AIR CLEANER INSTALLATION - 74HP & 110HP (ULS) 292
FIGURE 4-8. AIR CLEANER ASSEMBLY - 74HP & 110HP (ULS) 294
FIGURE 4-9. AIR CLEANER INSTALLATION - 110HP (LS) 296
FIGURE 4-10. AIR CLEANER ASSEMBLY - 110HP (LS) 298
FIGURE 4-11. EXHAUST INSTALLATION - 74HP (ULS) 300
FIGURE 4-12. EXHAUST INSTALLATION - 110HP (ULS) 302
FIGURE 4-13. EXHAUST INSTALLATION - 110HP (LS) 304
FIGURE 4-14. DEF SYSTEM INSTALLATION (ULS) 306
FIGURE 4-15. DEF PUMP ASSEMBLY 308
FIGURE 4-16. DEF COOLANT LINES INSTALLATION 310
FIGURE 4-17. DEF LINES INSTALLATION 312
FIGURE 4-18. FUEL LINES INSTALLATION - 74HP & 110HP (ULS) 314
FIGURE 4-19. FUEL LINES INSTALLATION - 110HP (LS) 316
FIGURE 4-20. COOLING LINES INSTALLATION - 74HP & 110HP (ULS) 318
FIGURE 4-21. COOLING LINES INSTALLATION - 110HP (LS) 320
FIGURE 4-22. COOLING INSTALLATION - 74HP (ULS) 322
FIGURE 4-23. COOLING INSTALLATION - 110HP (ULS & LS) 324
FIGURE 4-24. DE-AERATION TANK ASSEMBLY - 74HP & 110HP (ULS) 326
FIGURE 4-25. RADIATOR ASSEMBLY - 74HP (ULS) 328
FIGURE 4-26. RADIATOR ASSEMBLY - 110HP (ULS & LS) 330
FIGURE 4-27. FAN INSTALLATION - 74HP (ULS) 332

TABLE OF CONTENTS

FIGURE 4-28. FAN INSTALLATION - 110HP (ULS & LS) 334
FIGURE 4-29. ISOLATION COUPLER INSTALLATION - 74HP & 110HP (ULS & LS) 336
FIGURE 4-30. AIR INTAKE SHUT OFF VALVE INSTALLATION (PVC1911) 338
FIGURE 4-31. AIR INTAKE SHUT OFF VALVE INSTALLATION (PVC2005) 340
FIGURE 4-32. BREATHER HEATER INSTALLATION - 74HP 342
FIGURE 4-33. A/C COMPONENTS INSTALLATION - 74HP 344
FIGURE 4-34. A/C COMPONENTS INSTALLATION - 110HP 346

SECTION 5 - DRIVE TRAIN 349

FIGURE 5-1. TRANSMISSION INSTALLATION 350
FIGURE 5-2. TRANSMISSION ASSEMBLY 352
FIGURE 5-3. TRANSMISSION, ENGINE CONNECTION AND CONVERTER 354
FIGURE 5-4. TRANSMISSION, INPUT SHAFTS 356
FIGURE 5-5. TRANSMISSION, GEARBOX HOUSING 358
FIGURE 5-6. TRANSMISSION, COUPLING GROUP 1 360
FIGURE 5-7. TRANSMISSION, COUPLING GROUP 2 362
FIGURE 5-8. TRANSMISSION, COUPLING GROUP 3 364
FIGURE 5-9. TRANSMISSION, COUPLING GROUP 4 366
FIGURE 5-10. TRANSMISSION, REVERSING GEAR GROUP 1 368
FIGURE 5-11. TRANSMISSION, REVERSING GEAR GROUP 2 370
FIGURE 5-12. TRANSMISSION, OUTPUT 372
FIGURE 5-13. TRANSMISSION, CONTROL UNIT 374
FIGURE 5-14. TRANSMISSION, VALVE HOUSING ASSEMBLY 376
FIGURE 5-15. TRANSMISSION, VALVE BLOCK ASSEMBLY 380
FIGURE 5-16. TRANSMISSION, OIL PUMP AND FILTER 382
FIGURE 5-17. DRIVE SHAFT INSTALLATION (8042) 384
FIGURE 5-18. DRIVE SHAFT INSTALLATION (10042,10054) 386
FIGURE 5-19. DRIVE SHAFT ASSEMBLY (INPUT) 388
FIGURE 5-20. DRIVE SHAFT ASSEMBLY (FRONT) (8042) 390
FIGURE 5-21. DRIVE SHAFT ASSEMBLY (FRONT) (10042,10054) 392
FIGURE 5-22. DRIVE SHAFT ASSEMBLY (REAR) 394
FIGURE 5-23. AXLE INSTALLATION (74HP) (8042) 396
FIGURE 5-24. FRONT AXLE INSTALLATION (74HP) (8042) 398
FIGURE 5-25. FRONT AXLE - CENTRAL HOUSING (74HP) (8042) 400
FIGURE 5-26. FRONT AXLE - DIFFERENTIAL (74HP) (8042) 402
FIGURE 5-27. FRONT AXLE - HUB REDUCTION (74HP) (8042) 404
FIGURE 5-28. FRONT AXLE - BRAKES (74HP) (8042) 408
FIGURE 5-29. FRONT AXLE - STEERING (74HP) (8042) 410
FIGURE 5-30. REAR AXLE INSTALLATION (74HP) (8042) 412
FIGURE 5-31. REAR AXLE - CENTRAL HOUSING (74HP) (8042) 414
FIGURE 5-32. REAR AXLE - DIFFERENTIAL (74HP) (8042) 416
FIGURE 5-33. REAR AXLE - HUB REDUCTION (74HP) (8042) 418
FIGURE 5-34. REAR AXLE - BRAKES (74HP) (8042) 422
FIGURE 5-35. REAR AXLE - STEERING (74HP) (8042) 424
FIGURE 5-36. REAR AXLE - PLANET GEAR CARRIER (74HP) (8042) 426
FIGURE 5-37. REAR AXLE - RING GEAR SUPPORT (74HP) (8042) 428

FIGURE 5-38. AXLE INSTALLATION (110HP) (8042) 430
FIGURE 5-39. FRONT AXLE INSTALLATION (110HP) (8042) 432
FIGURE 5-40. FRONT AXLE - CENTRAL HOUSING (110HP) (8042) 434
FIGURE 5-41. FRONT AXLE - DIFFERENTIAL (110HP) (8042) 436
FIGURE 5-42. FRONT AXLE - HUB REDUCTION (110HP) (8042) 438
FIGURE 5-43. FRONT AXLE - BRAKES (110HP) (8042) 442
FIGURE 5-44. FRONT AXLE - STEERING (110HP) (8042) 444
FIGURE 5-45. REAR AXLE INSTALLATION (110HP) (8042) 446
FIGURE 5-46. REAR AXLE - CENTRAL HOUSING (110HP) (8042) 448
FIGURE 5-47. REAR AXLE - DIFFERENTIAL (110HP) (8042) 450
FIGURE 5-48. REAR AXLE - HUB REDUCTION (110HP) (8042) 452
FIGURE 5-49. REAR AXLE - BRAKES (110HP) (8042) 456
FIGURE 5-50. REAR AXLE - STEERING (110HP) (8042) 458
FIGURE 5-51. AXLE INSTALLATION (74HP) (10042,10054) 460
FIGURE 5-52. FRONT AXLE INSTALLATION (74HP) (10042,10054) 462
FIGURE 5-53. FRONT AXLE - CENTRAL HOUSING (74HP) (10042,10054) 464
FIGURE 5-54. FRONT AXLE - DIFFERENTIAL (74HP) (10042,10054) 466
FIGURE 5-55. FRONT AXLE - HUB REDUCTION (74HP) (10042,10054) 468
FIGURE 5-56. FRONT AXLE - BRAKES (74HP) (10042,10054) 472
FIGURE 5-57. FRONT AXLE - STEERING (74HP) (10042,10054) 474
FIGURE 5-58. REAR AXLE INSTALLATION (74HP) (10042,10054) 476
FIGURE 5-59. REAR AXLE - CENTRAL HOUSING (74HP) (10042,10054) 478
FIGURE 5-60. REAR AXLE - DIFFERENTIAL (74HP) (10042,10054) 480
FIGURE 5-61. REAR AXLE - HUB REDUCTION (74HP) (10042,10054) 482
FIGURE 5-62. REAR AXLE - BRAKES (74HP) (10042,10054) 486
FIGURE 5-63. REAR AXLE - STEERING (74HP) (10042,10054) 488
FIGURE 5-64. AXLE INSTALLATION (110HP) (10042,10054) 490
FIGURE 5-65. FRONT AXLE INSTALLATION (110HP) (10042,10054) 492
FIGURE 5-66. FRONT AXLE - CENTRAL HOUSING (110HP) (10042,10054) 494
FIGURE 5-67. FRONT AXLE - DIFFERENTIAL (110HP) (10042,10054) 496
FIGURE 5-68. FRONT AXLE - HUB REDUCTION (110HP) (10042,10054) 498
FIGURE 5-69. FRONT AXLE - BRAKES (110HP) (10042,10054) 502
FIGURE 5-70. FRONT AXLE - STEERING (110HP) (10042,10054) 504
FIGURE 5-71. REAR AXLE INSTALLATION (110HP) (10042,10054) 506
FIGURE 5-72. REAR AXLE - CENTRAL HOUSING (110HP) (10042,10054) 508
FIGURE 5-73. FRONT AXLE - DIFFERENTIAL (110HP) (10042,10054) 510
FIGURE 5-74. REAR AXLE - HUB REDUCTION (110HP) (10042,10054) 512
FIGURE 5-75. REAR AXLE - BRAKES (110HP) (10042,10054) 516
FIGURE 5-76. REAR AXLE - STEERING (110HP) (10042,10054) 518
FIGURE 5-77. FENDER INSTALLATION (8042) 520
FIGURE 5-78. FENDER INSTALLATION (10042,10054) 522
FIGURE 5-79. DIFFERENTIAL KIT (FRONT AXLE) (8042) 524
FIGURE 5-80. DIFFERENTIAL KIT (REAR AXLE) 526
FIGURE 5-81. STEERING ADJUST BOLT KIT 528
FIGURE 5-82. TIRE SET - 15.2-25 PNEUMATIC (8042) 530

TABLE OF CONTENTS

FIGURE 5-83. TIRE SET - 15.2-25 FOAM-FILLED (8042) 532
FIGURE 5-84. TIRE SET - 17.2-25 PNEUMATIC (10042,10054) 534
FIGURE 5-85. TIRE SET - 17.2-25 FOAM-FILLED (10042,10054) 536
FIGURE 5-86. TIRE SET - 18 X 625 (TURF AND SAND PNEUMATIC) 538
FIGURE 5-87. TIRE SET - 315/95-28 SOLID (8042) 540
FIGURE 5-88. TIRE SET - 360/85-28 SOLID (10042,10054) 542
FIGURE 5-89. TIRE SET - 370/75-28 PNEUMATIC (8042) 544
FIGURE 5-90. TIRE SET - 370/75-28 PNEUMATIC NON-MARKING (8042) 546
FIGURE 5-91. TIRE SET - 370/75-28 FOAM-FILLED (8042) 548
FIGURE 5-92. TIRE SET - 370/75-28 FOAM-FILLED NON-MARKING (8042) 550
FIGURE 5-93. TIRE SET - 400/75-28 PNEUMATIC (10042,10054) 552
FIGURE 5-94. TIRE SET - 400/75-28 PNEUMATIC NON-MARKING (10042,10054) 554
FIGURE 5-95. TIRE SET - 400/75-28 FOAM-FILLED (10042,10054) 556
FIGURE 5-96. TIRE SET - 400/75-28 FOAM-FILLED NON-MARKING (10042,10054) 558
FIGURE 5-97. TIRE AND WHEEL ASSEMBLY 560

SECTION 6 - CAB 563

FIGURE 6-1. CAB MOUNTING HARDWARE INSTALLATION 564
FIGURE 6-2. CAB INSTALLATION - OPEN (PCV1911) 566
FIGURE 6-3. CAB INSTALLATION - OPEN (PVC2005) 570
FIGURE 6-4. CAB ASSEMBLY - OPEN 574
FIGURE 6-5. CAB INSTALLATION - ENCLOSED WITH HEATER (PVC1911) 576
FIGURE 6-6. CAB INSTALLATION - ENCLOSED WITH HEATER (PVC2005) 580
FIGURE 6-7. CAB ASSEMBLY - ENCLOSED WITH HEATER 584
FIGURE 6-8. CAB ENCLOSURE WITH HEATER 586
FIGURE 6-9. CAB INSTALLATION - ENCLOSED WITH HEATER & AC (PVC1911) 588
FIGURE 6-10. CAB INSTALLATION - ENCLOSED WITH HEATER & AC (PVC2005) 592
FIGURE 6-11. CAB ASSEMBLY - ENCLOSED WITH HEATER & AC 596
FIGURE 6-12. CAB ENCLOSURE WITH HEATER & AC 598
FIGURE 6-13. CAB DOOR ASSEMBLY 600
FIGURE 6-14. SLIDER WINDOW ASSEMBLY (RH) 602
FIGURE 6-15. WIPER INSTALLATION (FRONT) 604
FIGURE 6-16. WIPER INSTALLATION (SKYLIGHT) 606
FIGURE 6-17. CAB SEAT ASSEMBLY 608
FIGURE 6-18. SEAT BELT INSTALLATION (3 INCH) 610
FIGURE 6-19. SEAT BELT INSTALLATION (CALIFORNIA) 612
FIGURE 6-20. HEATER ASSEMBLY - FLOOR 614
FIGURE 6-21. HEATER BOX ASSEMBLY - HEATER 616
FIGURE 6-22. HEATER BOX ASSEMBLY - HEATER & AC 618
FIGURE 6-23. CAB HEATER LINES INSTALLATION - HEATER ONLY 622
FIGURE 6-24. CAB HEATER LINES INSTALLATION - HEATER & AC 624
FIGURE 6-25. HEATER VALVE ASSEMBLY 626
FIGURE 6-26. REAR WINDOW INSTALLATION (ANSI ENGLISH) 628
FIGURE 6-27. REAR WINDOW INSTALLATION (ENGLISH/SPANISH) 630
FIGURE 6-28. REAR WINDOW INSTALLATION (ENGLISH/SPANISH) 632
FIGURE 6-29. REAR WINDOW INSTALLATION (ISO) 634

FIGURE 6-30. SKYTRAK FIRE EXTINGUISHER INSTALLATION 636

SECTION 7 - CONTROLS 639

FIGURE 7-1. ACCELERATOR ASSEMBLY 640
FIGURE 7-2. BRAKE ASSEMBLY 642
FIGURE 7-3. SECONDARY CONTROLS INSTALLATION 644
FIGURE 7-4. AUXILIARY CONTROL ASSEMBLY 646
FIGURE 7-5. FRAME LEVEL CONTROL ASSEMBLY 648

SECTION 8 - HYDRAULIC CIRCUITS 651

FIGURE 8-1. AUXILIARY CONTROLS HYDRAULICS INSTALLATION 652
FIGURE 8-2. AXLE HYDRAULICS INSTALLATION 654
FIGURE 8-3. AXLE HYDRAULICS INSTALLATION - FRONT 656
FIGURE 8-4. AXLE HYDRAULICS INSTALLATION - REAR 658
FIGURE 8-5. AXLE PIN LUBE HYDRAULICS INSTALLATION 660
FIGURE 8-6. BULKHEAD (REAR) INSTALLATION (PVC1911) (10042,8042) 662
FIGURE 8-7. BULKHEAD (REAR) INSTALLATION (PVC2005) (10042,8042) 664
FIGURE 8-8. BULKHEAD (REAR) INSTALLATION (PVC1911) (10054) 666
FIGURE 8-9. BULKHEAD (REAR) INSTALLATION (PVC2005) (10054) 668
FIGURE 8-10. CAB HYDRAULICS INSTALLATION 670
FIGURE 8-11. CAB TO BRAKE HYDRAULICS INSTALLATION 672
FIGURE 8-12. CAB PILOT CONTROLS HYDRAULICS INSTALLATION 674
FIGURE 8-13. CAB PILOT JOYSTICK & FITTING ASSEMBLY 676
FIGURE 8-14. CAB TO STEERING HYDRAULICS INSTALLATION 678
FIGURE 8-15. CAB STEERING VALVE & FITTING ASSEMBLY 680
FIGURE 8-16. COOLER HYDRAULICS INSTALLATION 682
FIGURE 8-17. COOLER (TRANSMISSION) HYDRAULICS INSTALLATION 684
FIGURE 8-18. CYLINDER HYDRAULICS INSTALLATION - BOOM EXTEND 686
FIGURE 8-19. CYLINDER HYDRAULICS INSTALLATION - FRAME 688
FIGURE 8-20. CYLINDER HYDRAULICS INSTALLATION - TELESCOPE CYLINDER CUTOUT 690
FIGURE 8-21. FORK TILT HYDRAULICS INSTALLATION 692
FIGURE 8-22. FRAME HYDRAULICS INSTALLATION (8042) 694
FIGURE 8-23. FRAME HYDRAULICS INSTALLATION (10042) 696
FIGURE 8-24. OUTRIGGER VALVE & FITTING ASSEMBLY (10042,10054) 698
FIGURE 8-25. MAIN CONTROL VALVE INSTALLATION 700
FIGURE 8-26. PUMP HYDRAULICS INSTALLATION 702
FIGURE 8-27. SECONDARY VALVE AND FITTING ASSEMBLY 704

SECTION 9 - HYDRAULIC COMPONENTS 707

FIGURE 9-1. CYLINDER ASSEMBLY - CARRIAGE SIDE SHIFT 708
FIGURE 9-2. CYLINDER ASSEMBLY - CARRIAGE SIDE TILT 710
FIGURE 9-3. CYLINDER ASSEMBLY - CARRIAGE SWING 712
FIGURE 9-4. CYLINDER ASSEMBLY - COMPENSATION (10042,8042) 714
FIGURE 9-5. CYLINDER ASSEMBLY - COMPENSATION (PVC1911) (10054) 716
FIGURE 9-6. CYLINDER ASSEMBLY - COMPENSATION (PVC2005) (10054) 718
FIGURE 9-7. CYLINDER ASSEMBLY - EXTEND/RETRACT (8042) 720

TABLE OF CONTENTS

FIGURE 9-8. CYLINDER ASSEMBLY - EXTEND/RETRACT (10042) 722
FIGURE 9-9. CYLINDER ASSEMBLY - EXTEND/RETRACT (10054) 724
FIGURE 9-10. CYLINDER ASSEMBLY - FORK POSITIONING....726
FIGURE 9-11. CYLINDER ASSEMBLY - FORK TILT....728
FIGURE 9-12. CYLINDER ASSEMBLY - FRAME LEVEL 730
FIGURE 9-13. CYLINDER ASSEMBLY - GRAPPLE BUCKET....732
FIGURE 9-14. CYLINDER ASSEMBLY - LIFT (10042) 734
FIGURE 9-15. CYLINDER ASSEMBLY - LIFT (10054) 736
FIGURE 9-16. CYLINDER ASSEMBLY - OUTRIGGER (10042,10054) 738
FIGURE 9-17. CYLINDER ASSEMBLY - PIPE HANDLER....740
FIGURE 9-18. CYLINDER ASSEMBLY - STABLI-TRAK....742
FIGURE 9-19. STICKJOY ASSEMBLY....744
FIGURE 9-20. VALVE ASSEMBLY - AIR SHUT OFF....746
FIGURE 9-21. VALVE SUB-ASSEMBLY - BRAKE....748
FIGURE 9-22. VALVE ASSEMBLY - BRAKE 750
FIGURE 9-23. VALVE ASSEMBLY - CARRIAGE FORK POSITIONING....752
FIGURE 9-24. VALVE ASSEMBLY - CARRIAGE PIPE GRAPPLE....754
FIGURE 9-25. VALVE ASSEMBLY - FLOW DIVIDER....756
FIGURE 9-26. VALVE ASSEMBLY - MAIN CONTROL 758
FIGURE 9-27. VALVE ASSEMBLY - OUTRIGGER (10042,10054)....760
FIGURE 9-28. VALVE ASSEMBLY - SECONDARY 762

SECTION 10 - ELECTRICAL....765

FIGURE 10-1. ELECTRICAL INSTALLATION (74HP) (ULS) (8042) 766
FIGURE 10-2. ELECTRICAL INSTALLATION (110HP) (ULS) (8042) 770
FIGURE 10-3. ELECTRICAL INSTALLATION (110HP) (LS) (8042)....774
FIGURE 10-4. ELECTRICAL INSTALLATION (74HP) (ULS) (10042) 778
FIGURE 10-5. ELECTRICAL INSTALLATION (110HP) (ULS) (10042) 782
FIGURE 10-6. ELECTRICAL INSTALLATION (110HP) (LS) (10042)....786
FIGURE 10-7. ELECTRICAL INSTALLATION (74HP) (ULS) (10054) 790
FIGURE 10-8. ELECTRICAL INSTALLATION (110HP) (ULS) (10054) 794
FIGURE 10-9. ELECTRICAL INSTALLATION (110HP) (LS) (10054)....798
FIGURE 10-10. AIR SHUT-OFF VALVE HARNESS - CAB 802
FIGURE 10-11. AIR SHUT-OFF VALVE HARNESS - ENGINE....804
FIGURE 10-12. BACKUP ALARM INSTALLATION 806
FIGURE 10-13. BACKUP ALARM INSTALLATION (WHITE NOISE) 808
FIGURE 10-14. BACKUP CAMERA INSTALLATION 810
FIGURE 10-15. BACKUP CAMERA HARNESS 812
FIGURE 10-16. BATTERY INSTALLATION....814
FIGURE 10-17. BATTERY BLANKET INSTALLATION 816
FIGURE 10-18. BOOM EXTEND HARNESS (10054)....818
FIGURE 10-19. BREATHER HEATER INSTALLATION 820
FIGURE 10-20. CAB DISTRIBUTION HARNESS....822
FIGURE 10-21. CLEARSKY INSTALLATION - CANBUS (NORTH AMERICA)....828
FIGURE 10-22. CLEARSKY INSTALLATION - CANBUS (CE)....830
FIGURE 10-23. CLEARSKY HARNESS - CANBUS 832

FIGURE 10-24. CLEARSKY INSTALLATION - 3-WIRE (NORTH AMERICA) 834
FIGURE 10-25. CLEARSKY INSTALLATION - 3-WIRE (CE) 836
FIGURE 10-26. CLEARSKY HARNESS - 3-WIRE 838
FIGURE 10-27. COLD WEATHER PACKAGE (ULS) 840
FIGURE 10-28. COLD WEATHER PACKAGE (LS) 842
FIGURE 10-29. ENGINE HARNESS (74HP) 844
FIGURE 10-30. ENGINE HARNESS (110HP ULS) 850
FIGURE 10-31. ENGINE HARNESS (110HP LS) 858
FIGURE 10-32. HVAC HARNESS 862
FIGURE 10-33. LIGHTS - BEACON LIGHT INSTALLATION (ENCLOSED CAB) (PVC1911) 864
FIGURE 10-34. LIGHTS - BEACON LIGHT INSTALLATION (ENCLOSED CAB) (PVC2005) 866
FIGURE 10-35. LIGHTS - BEACON LIGHT INSTALLATION (OPEN CAB) (PVC1911) 868
FIGURE 10-36. LIGHTS - BEACON LIGHT INSTALLATION (OPEN CAB) (PVC2005) 870
FIGURE 10-37. LIGHTS - BEACON LIGHT HARNESS 872
FIGURE 10-38. LIGHTS - BOOM WORK LIGHT HARNESS 874
FIGURE 10-39. LIGHTS - LED WORK LIGHT PACKAGE INSTALLATION 876
FIGURE 10-40. LIGHTS - ROADLIGHT PACKAGE INSTALLATION 878
FIGURE 10-41. LIGHTS - ROAD LIGHT ASSEMBLY (LH) 880
FIGURE 10-42. LIGHTS - ROAD LIGHT ASSEMBLY (RH) 882
FIGURE 10-43. LIGHTS - ROAD LIGHT BRACKET ASSEMBLY (LH) 884
FIGURE 10-44. LIGHTS - ROAD LIGHT BRACKET ASSEMBLY (RH) 886
FIGURE 10-45. LIGHT - ROAD LIGHT OPTION HARNESS 888
FIGURE 10-46. LIGHTS - ROAD LIGHT WORK LIGHT HARNESS 890
FIGURE 10-47. LIGHTS - WORK LIGHT OPTIONS HARNESS 892
FIGURE 10-48. LIGHTS - WORK LIGHT ASSEMBLY - LED (LH) 894
FIGURE 10-49. LIGHTS - WORK LIGHT ASSEMBLY - LED (RH) 896
FIGURE 10-50. LOGIC HARNESS (10054) 898
FIGURE 10-51. OUTRIGGER HARNESS (10042,10054) 900
FIGURE 10-52. RELAY PANEL INSTALLATION 902
FIGURE 10-53. RELAY PANEL COVER INSTALLATION 904
FIGURE 10-54. REVERSE SENSING SYSTEM INSTALLATION 906
FIGURE 10-55. REVERSE SENSING HARNESS 908
FIGURE 10-56. TANK BLANKET INSTALLATION 910
FIGURE 10-57. TBAP HARNESS 912
FIGURE 10-58. WIPER HARNESS 914

SECTION 11 - DECALS 917

FIGURE 11-1. DECALS INSTALLATION 74HP (ANSI SPECS) (PVC1911) (8042) 918
FIGURE 11-2. DECALS INSTALLATION 74HP (ANSI SPECS) (PVC2005) (8042) 922
FIGURE 11-3. DECALS INSTALLATION 74HP (ENGLISH/FRENCH SPECS) (PVC1911) (8042) 926
FIGURE 11-4. DECALS INSTALLATION74HP (ENGLISH/FRENCH SPECS) (PVC2005) (8042) 930
FIGURE 11-5. DECALS INSTALLATION 74HP (ENGLISH/SPANISH SPECS) (PVC1911) (8042) 934
FIGURE 11-6. DECALS INSTALLATION 74HP (ENGLISH/SPANISH SPECS) (PVC2005) (8042) 938
FIGURE 11-7. DECALS INSTALLATION 110HP ULS (ANSI SPECS) (PVC1911) (8042) 942
FIGURE 11-8. DECALS INSTALLATION 110HP ULS (ANSI SPECS (PVC2005) (8042) 946
FIGURE 11-9. DECALS INSTALLATION 110HP ULS (ENGLISH/FRENCH SPECS) (PVC1911) (8042) 950

TABLE OF CONTENTS

FIGURE 11-10. DECALS INSTALLATION 110HP ULS (ENGLISH/FRENCH SPECS) (PVC2005) (8042) 954
FIGURE 11-11. DECALS INSTALLATION 110HP ULS (ENGLISH/SPANISH SPECS) (PVC1911) (8042) 958
FIGURE 11-12. DECALS INSTALLATION 110HP ULS (ENGLISH/SPANISH SPECS) (PVC2005) (8042) 962
FIGURE 11-13. DECALS INSTALLATION 110HP LS (ISO DECALS) (PVC1911) (8042) 966
FIGURE 11-14. DECALS INSTALLATION 110HP LS (ISO DECALS) (PVC2005) (8042) 970
FIGURE 11-15. DECALS INSTALLATION 74HP (ANSI SPECS) (PVC1911) (10042) 974
FIGURE 11-16. DECALS INSTALLATION 74HP (ANSI SPECS) (PVC2005) (10042) 978
FIGURE 11-17. DECALS INSTALLATION 74HP (ENGLISH/FRENCH SPECS) (PVC1911) (10042) 982
FIGURE 11-18. DECALS INSTALLATION 74HP (ENGLISH/FRENCH SPECS) (PVC2005) (10042) 986
FIGURE 11-19. DECALS INSTALLATION 74HP (ENGLISH/SPANISH SPECS) (10042) 990
FIGURE 11-20. DECALS INSTALLATION 110HP ULS (ANSI SPECS) (PVC1911) (10042) 994
FIGURE 11-21. DECALS INSTALLATION 110HP ULS (ANSI SPECS) (PVC2005) (10042) 998
FIGURE 11-22. DECALS INSTALLATION 110HP ULS (ENGLISH/FRENCH SPECS) (PVC1911) (10042) 1002
FIGURE 11-23. DECALS INSTALLATION 110HP ULS (ENGLISH/FRENCH SPECS) (PVC2005) (10042) 1006
FIGURE 11-24. DECALS INSTALLATION 110HP ULS (ENGLISH/SPANISH SPECS) (PVC1911) (10042) 1010
FIGURE 11-25. DECALS INSTALLATION 110HP ULS (ENGLISH/SPANISH SPECS) (PVC 2005) (10042) 1014
FIGURE 11-26. DECALS INSTALLATION 110HP LS (ISO DECALS) (PVC1911) (10042) 1018
FIGURE 11-27. DECALS INSTALLATION 110HP LS (ISO DECALS) (PVC2005) (10042) 1022
FIGURE 11-28. DECALS INSTALLATION 74HP (ANSI SPECS) (PVC1911) (10054) 1026
FIGURE 11-29. DECALS INSTALLATION 74HP (ANSI SPECS) (PVC2005) (10054) 1030
FIGURE 11-30. DECALS INSTALLATION 74HP (ENGLISH/FRENCH SPECS) (PVC1911) (10054) 1034
FIGURE 11-31. DECALS INSTALLATION 74HP (ENGLISH/FRENCH SPECS) (PVC2005) (10054) 1038
FIGURE 11-32. DECALS INSTALLATION 74HP ULS (ENGLISH/SPANISH SPECS) (10054) 1042
FIGURE 11-33. DECALS INSTALLATION 110HP ULS (ANSI SPECS) (PVC1911) (10054) 1046
FIGURE 11-34. DECALS INSTALLATION 110HP ULS (ANSI SPECS) (PVC2005) (10054) 1050
FIGURE 11-35. DECALS INSTALLATION 110HP ULS (ENGLISH/FRENCH SPECS) (PVC1911) (10054) 1054
FIGURE 11-36. DECALS INSTALLATION 110HP ULS (ENGLISH/FRENCH SPECS) (PVC2005) (10054) 1058
FIGURE 11-37. DECALS INSTALLATION 110HP ULS (ENGLISH/SPANISH SPECS) (10054) 1062
FIGURE 11-38. DECALS INSTALLATION 110HP LS (ISO DECALS) (PVC1911) (10054) 1066
FIGURE 11-39. DECALS INSTALLATION 110HP LS (ISO DECALS) (PVC2005) (10054) 1070
FIGURE 11-40. BOOM DECALS INSTALLATION (10054) 1074
FIGURE 11-41. CLEARSKY DECALS INSTALLATION 1076
FIGURE 11-42. LOAD CHART BOOKLET (ANSI) (8042) 1078
FIGURE 11-43. LOAD CHART BOOKLET (ISO) (8042) 1080
FIGURE 11-44. LOAD CHART BOOKLET (ANSI) (10042) 1082
FIGURE 11-45. LOAD CHART BOOKLET (ISO) (10042) 1084
FIGURE 11-46. LOAD CHART BOOKLET (ANSI) (10054) 1086
FIGURE 11-47. LOAD CHART BOOKLET (ISO) (10054) 1088
FIGURE 11-48. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH) 1090
FIGURE 11-49. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH/FRENCH) 1092
FIGURE 11-50. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH/SPANISH) 1094
FIGURE 11-51. REVERSE SENSING SYSTEM DECAL INSTALLATION (ISO) 1096

SECTION 12 - RECOMMENDED SERVICE PARTS STOCK 1099

FIGURE 12-1. RECOMMENDED SERVICE PARTS STOCK 1100

TABLE OF CONTENTS

SECTION 13 - SPECIAL OPTIONS 1103

FIGURE 13-1. SPECIAL OPTIONS 1104

PART NUMBER INDEX 1107

SECTION 1 - FRAME AND ATTACHING PARTS

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-1. FRAME COMPONENTS INSTALLATION (74HP ULS) (PVC1911) (8042)

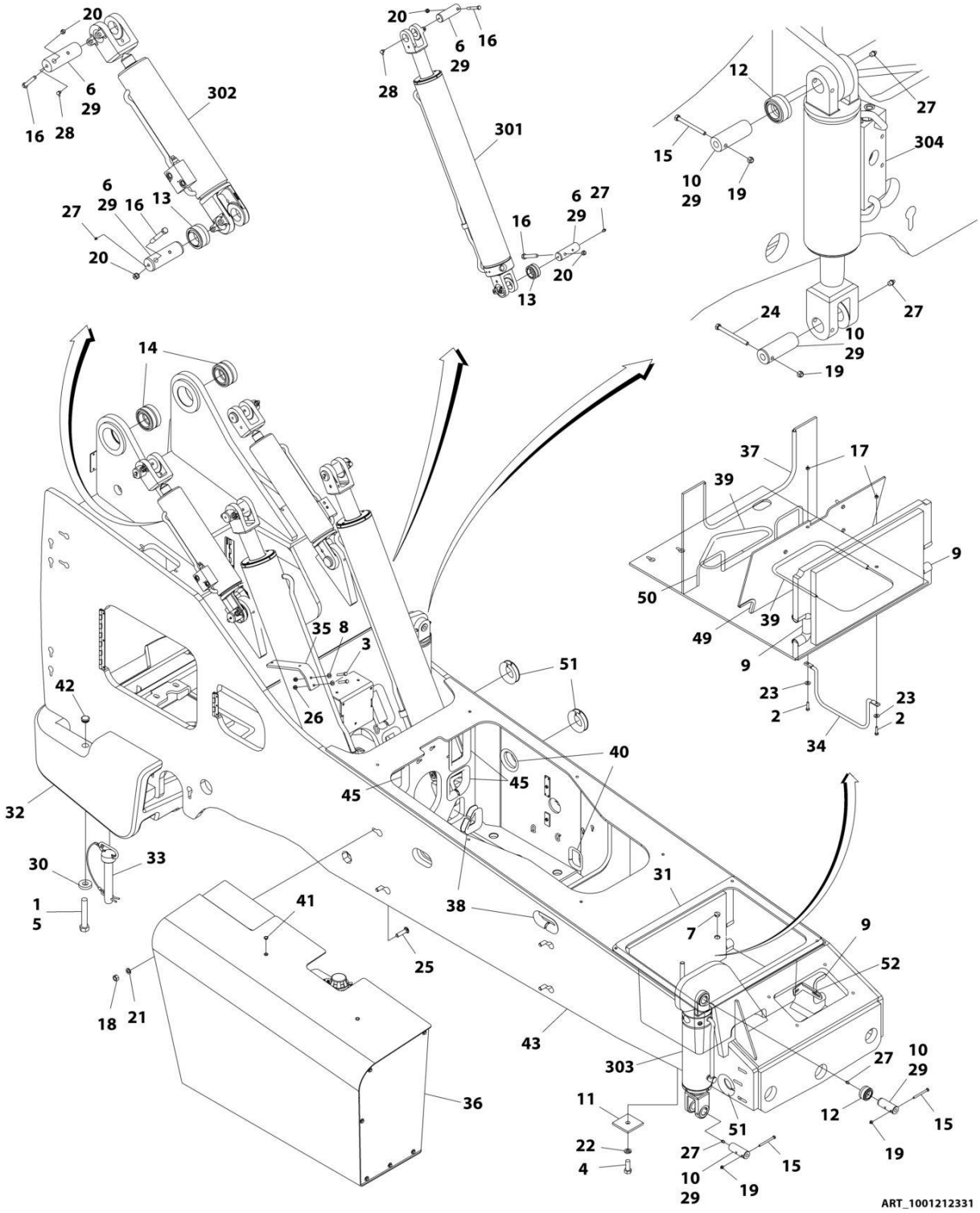


FIGURE 1-1. FRAME COMPONENTS INSTALLATION (74HP ULS) (PVC1911) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212331	Ref	Frame Components Installation, 74HP (ULS)	H
1	0100019	AR	Compound, Locking	
2	0641510	2	Bolt, 5/16 X 1	
3	0641618	2	Bolt, 3/8 X 2-1/4	
4	0642216	2	Bolt, 3/4 X 2	
5	0682648	4	Bolt, 1 X 6	
6	3423227	8	Pin, Cylinder	
7	3520030	1	Plug, Hole	
8	4891600	2	Washer, 3/8	
9	7124451	4	Conduit, 1X8	
10	7137142	4	Pin, Cylinder	
11	7139066	2	Plate, Counterweight Holddown	
12	8050001	2	Bearing, Self-Align	
13	8065640	4	Bearing, Self-Align	
14	8065641	2	Bearing, Self-Align	
15	8303752	3	Bolt, 5/16 X 3-1/2	
16	8303782	8	Bolt, 1/2 X 4	
17	8305006	2	Nut 5/16	
18	8305014	4	Nut 5/8	
19	8305626	4	Nut 5/16	
20	8305644	8	Nut 1/2	
21	8307009	4	Washer 5/8	
22	8307010	2	Washer 3/4	
23	8307203	2	Washer 5/16	
24	8310039	1	Bolt, 5/16 X 3-3/4	
25	88411148	4	Nut	
26	8310522	2	Nut 3/8	
27	8520001	8	Fitting, Straight	
28	8520003	4	Fitting, 90	
29	8522012	AR	Lube, Anti-Seize	
30	80241137	4	Washer	
31	1001094787	1 NLA	Counterweight, Front	
32	1001208664	1 NLA	Counterweight, Rear	
33	1001160250	1	Pin, Hitch	
34	1001165057	1	Bracket, Cab Hose	
35	1001166238	1	Bracket, Air Filter	
36	1001227211	1	Fuel/Hydraulic Tank Assembly (See Separate Breakdown in this Section)	
37	1001172658	1	Conduit, 1/2X41	
38	1001174229	3	Conduit, 1X13-1/2	
39	1001177190	2	Conduit, 1/2X28	
40	1001177192	2	Conduit, 1/2X12-1/2	
41	1001195826	2	Plug	
42	1001195952	2	Plug, Tube	
43	1001201554	1 NLA	Weldment, Frame	
45	1001174227	8	Conduit, 1X21-1/2	
49	4060805	6 in	Flex-Trim	
50	7124301	2	Conduit, 1/2X15-1/2	
51	7124471	3	Conduit, 1X12-1/2	
52	4060804	4 in	Flex-Trim	

SECTION 1 - FRAME AND ATTACHING PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201691	Ref	Cylinder Kit (Not Shown)	C
301	1001256320	2	Cylinder, Lift (Note: No Service Parts Available, Please Purchase Complete Cylinder)	
302	1001189596	2	Cylinder, Compensation (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
303	1001180762	1	Cylinder, Frame Level (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
304	2717198	1	Cylinder, Stabil-Trak (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-2. FRAME COMPONENTS INSTALLATION (74HP ULS) (PVC2005) (8042)

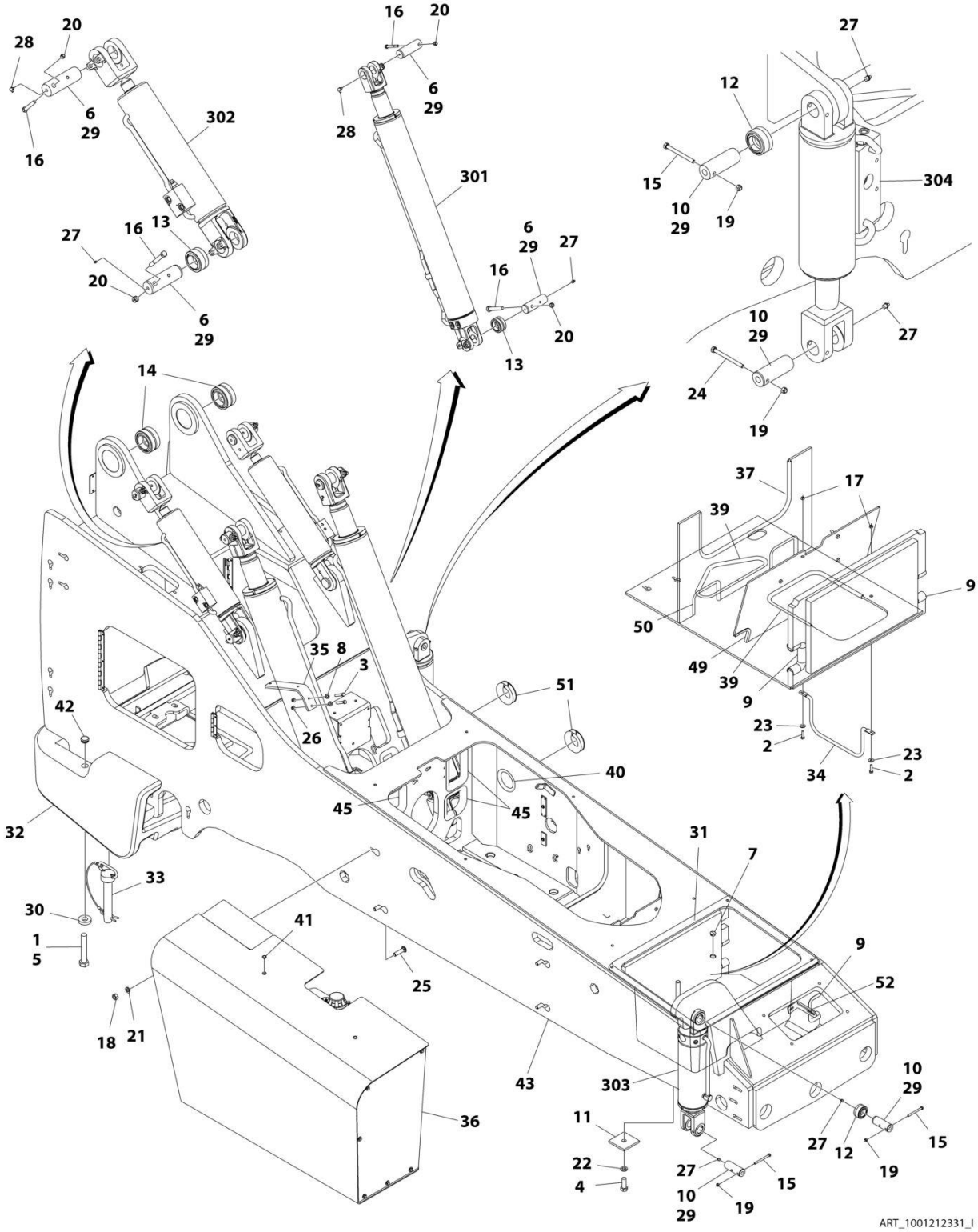


FIGURE 1-2. FRAME COMPONENTS INSTALLATION (74HP ULS) (PVC2005) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212331	Ref	Frame Components Installation, 74HP (ULS)	I
1	0100019	AR	Compound, Locking	
2	0641510	2	Bolt, 5/16 X 1	
3	0641618	2	Bolt, 3/8 X 2-1/4	
4	0642216	2	Bolt, 3/4 X 2	
5	0682648	4	Bolt, 1 X 6	
6	3423227	8	Pin, Cylinder	
7	3520030	1	Plug, Hole	
8	4891600	2	Washer, 3/8	
9	7124451	4	Conduit, 1X8	
10	7137142	4	Pin, Cylinder	
11	7139066	NLA	Plate, Counterweight Holddown	
12	8050001	2	Bearing, Self-Align	
13	8065640	4	Bearing, Self-Align	
14	8065641	2	Bearing, Self-Align	
15	8303752	3	Bolt, 5/16 X 3-1/2	
16	8303782	8	Bolt, 1/2 X 4	
17	8305006	2	Nut 5/16	
18	8305014	4	Nut 5/8	
19	8305626	4	Nut 5/16	
20	8305644	8	Nut 1/2	
21	8307009	4	Washer 5/8	
22	8307010	2	Washer 3/4	
23	8307203	2	Washer 5/16	
24	8310039	1	Bolt, 5/16 X 3-3/4	
25	88411148	4	Nut	
26	8310522	2	Nut 3/8	
27	8520001	8	Fitting, Straight	
28	8520003	4	Fitting, 90	
29	8522012	AR	Lube, Anti-Seize	
30	80241137	4	Washer	
31	1001094787	NLA	Counterweight, Front	
32	1001208664	NLA	Counterweight, Rear	
33	1001160250	1	Pin, Hitch	
34	1001165057	1	Bracket, Cab Hose	
35	1001166238	1	Bracket, Air Filter	
36	1001227211	1	Fuel/Hydraulic Tank Assembly (See Separate Breakdown in this Section)	
37	1001172658	1	Conduit, 1/2X41	
39	1001177190	2	Conduit, 1/2X28	
40	1001177192	1	Conduit, 1/2X12-1/2	
41	1001195826	2	Plug	
42	1001195952	2	Plug, Tube	
43	1001201554	NLA	Weldment, Frame	
45	1001174227	7	Conduit, 1X21-1/2	
49	4060805	6 in	Flex-Trim	
50	7124301	2	Conduit, 1/2X15-1/2	
51	7124471	3	Conduit, 1X12-1/2	
52	4060804	4 in	Flex-Trim	
300	1001201691	Ref	Cylinder Kit (Not Shown)	C

SECTION 1 - FRAME AND ATTACHING PARTS

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

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-3. FRAME COMPONENTS INSTALLATION (110HP ULS) (PVC1911) (8042)

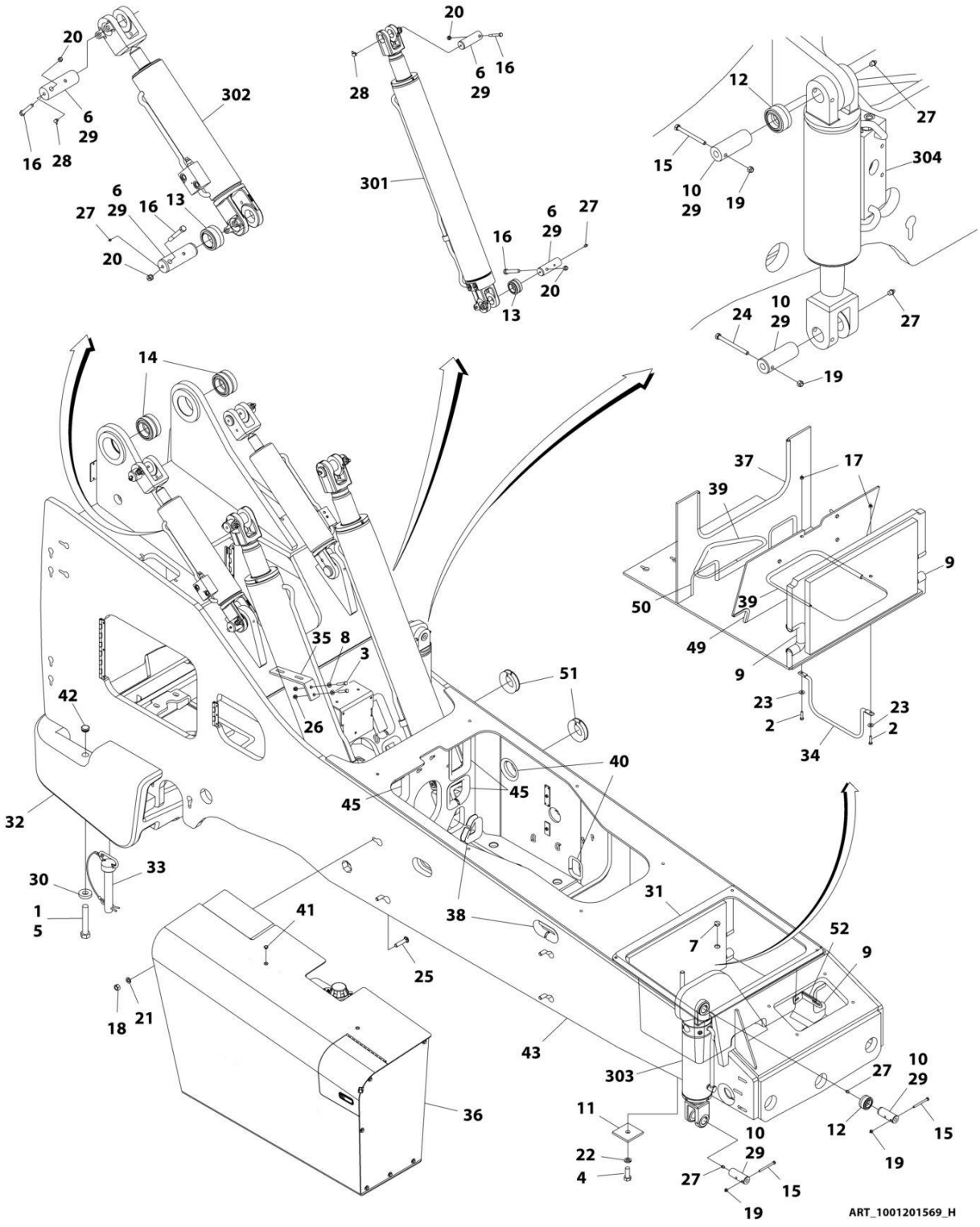


FIGURE 1-3. FRAME COMPONENTS INSTALLATION (110HP ULS) (PVC1911) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201569	Ref	Frame Components Installation - 110HP ULS	H
1	0100019	AR	Compound, Locking	
2	0641510	2	Bolt, 5/16 X 1	
3	0641618	2	Bolt, 3/8 X 2-1/4	
4	0642216	2	Bolt, 3/4 X 2	
5	0682648	4	Bolt, 1-8X6	
6	3423227	8	Pin, Cylinder	
7	3520030	1	Plug, Hole	
8	4891600	2	Washer, 3/8	
9	7124451	4	Conduit, 1X8	
10	7137142	4	Pin, Cylinder	
11	7139066	2 NLA	Plate, Counterweight Holddown	
12	8050001	2	Bearing, Self-Align	
13	8065640	4	Bearing, Self-Align	
14	8065641	2	Bearing, Self-Align	
15	8303752	3	Bolt, 5/16 X 3-1/2	
16	8303782	8	Bolt, 1/2 X 4	
17	8305006	2	Nut 5/16	
18	8305014	4	Nut 5/8	
19	8305626	4	Nut 5/16	
20	8305644	8	Nut 1/2	
21	8307009	4	Washer 5/8	
22	8307010	2	Washer 3/4	
23	8307203	2	Washer 5/16	
24	8310039	1	Bolt, 5/16 X 3-3/4	
25	88411148	4	Bolt 5/8 X 2-3/4	
26	8310522	2	Nut 3/8	
27	8520001	8	Fitting, Straight	
28	8520003	4	Fitting, 90	
29	8522012	AR	Lube, Anti-Seize	
30	80241137	4	Washer	
31	1001094787	1 NLA	Counterweight, Front	
32	1001208664	1 NLA	Counterweight, Rear	
33	1001160250	1	Pin, Hitch	
34	1001165057	1	Bracket, Cab Hose	
35	1001166238	1	Bracket, Air Filter	
36	1001169329	1	Installation, Hydraulic/Fuel/DEF Tank (See Separate Breakdown in this Section)	
37	1001172658	1	Conduit, 1/2X41	
38	1001174229	3	Conduit, 1X13-1/2	
39	1001177190	2	Conduit, 1/2X28	
40	1001177192	2	Conduit, 1/2X12-1/2	
41	1001195826	2	Plug	
42	1001195952	2	Plug, Tube	
43	1001201554	1	Weldment, Frame	
45	1001174227	8	Conduit, 1X21-1/2	
49	4060805	6 in	Flex-Trim	
50	7124301	2	Conduit, 1/2X15-1/2	
51	7124471	3	Conduit, 1X12-1/2	
52	4060804	4 in	Flex-Trim	

SECTION 1 - FRAME AND ATTACHING PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
300	1001201691	Ref	Cylinder Kit (Not Shown)	C
301	1001256320	2	Cylinder, Lift (Note: No Service Parts Available, Please Purchase Complete Cylinder)	
302	1001189596	2	Cylinder, Compensation (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
303	1001180762	1	Cylinder, Frame Level (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
304	2717198	1	Cylinder, Stabil-Trak (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-4. FRAME COMPONENTS INSTALLATION (110HP ULS) (PVC2005) (8042)

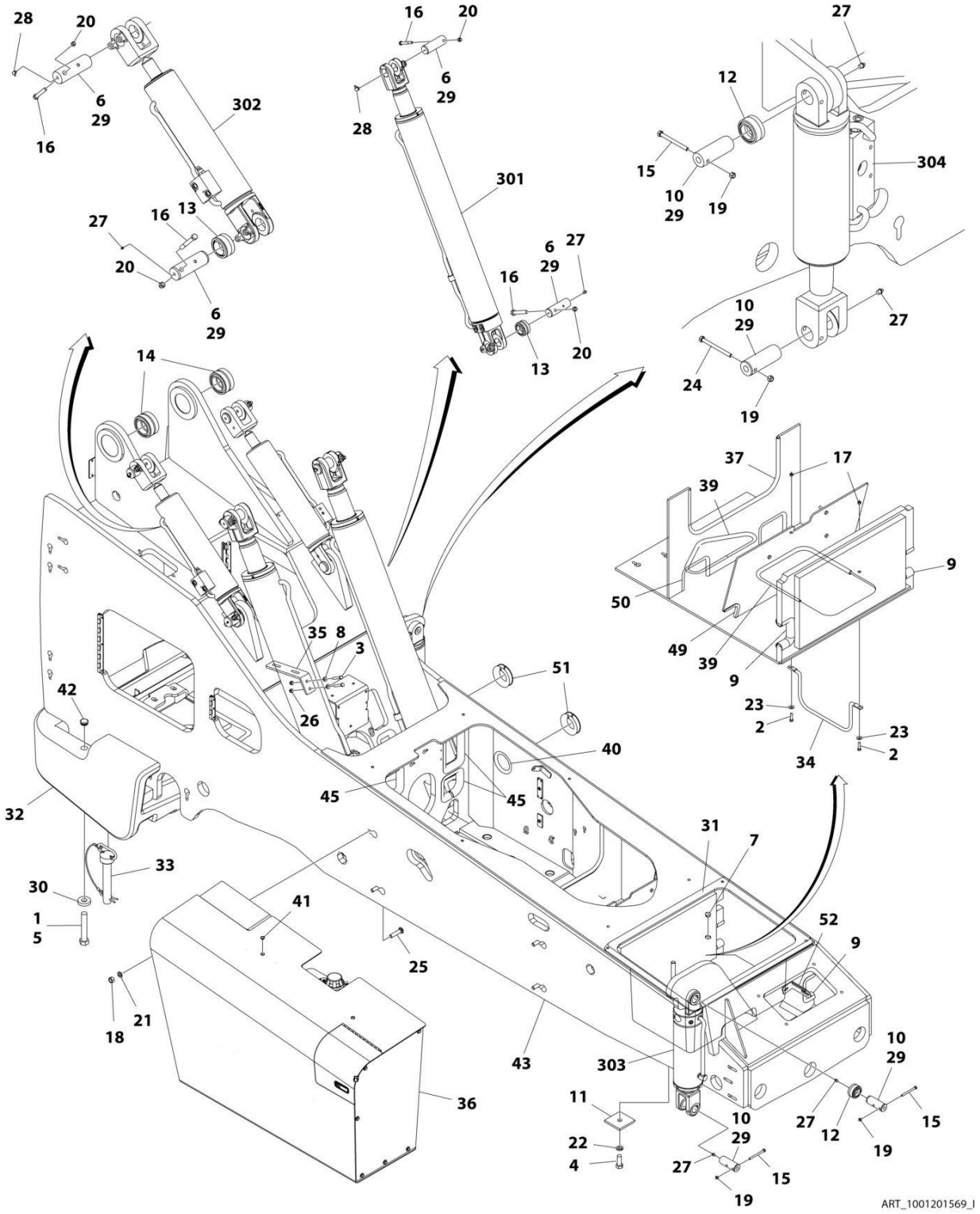


FIGURE 1-4. FRAME COMPONENTS INSTALLATION (110HP ULS) (PVC2005) (8042)

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

SECTION 1 - FRAME AND ATTACHING PARTS

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

FIGURE 1-5. FRAME COMPONENTS INSTALLATION (110HP LS) (PVC1911) (8042)

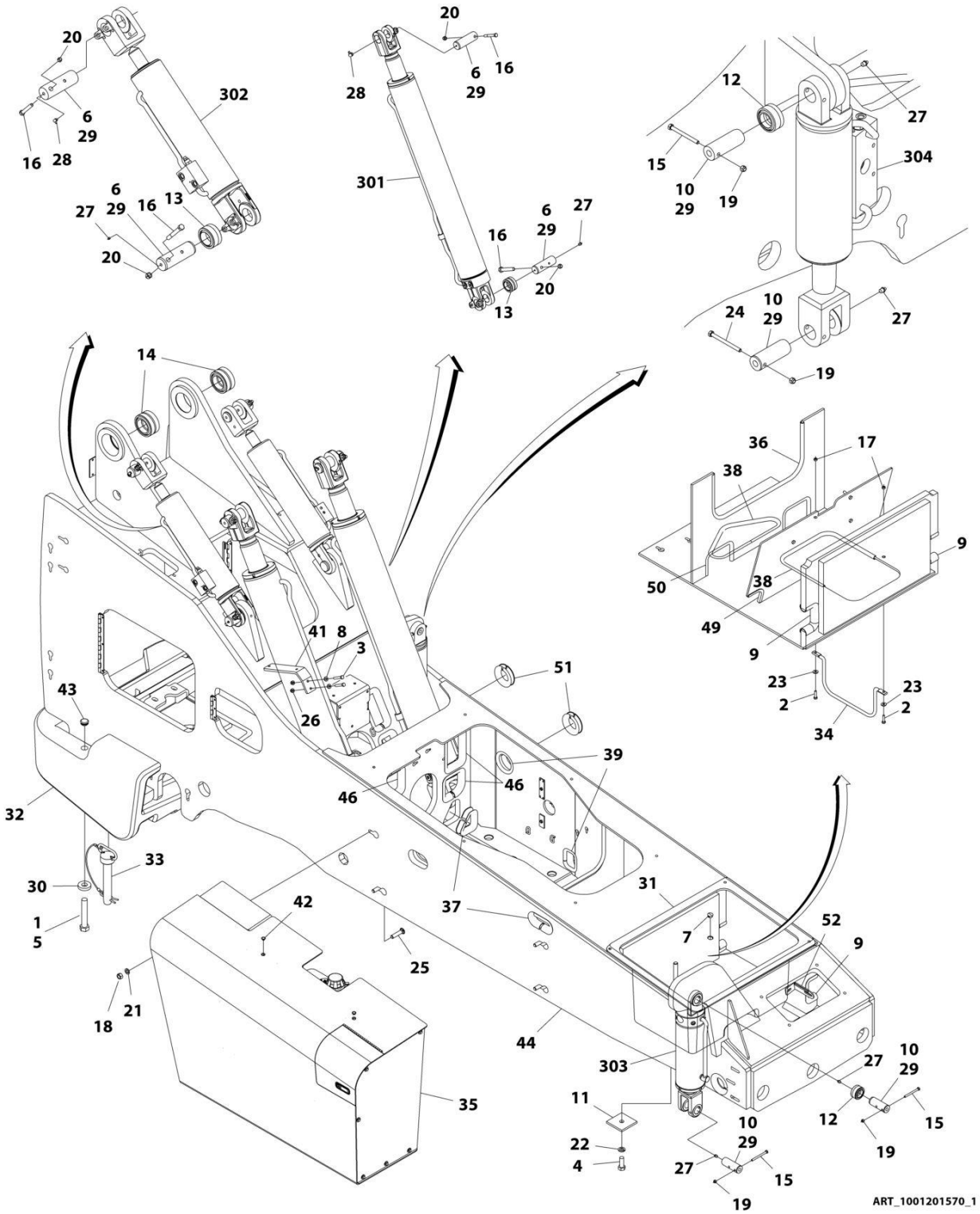


FIGURE 1-5. FRAME COMPONENTS INSTALLATION (110HP LS) (PVC1911) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201570	Ref	Frame Components Installation, 110HP LS	H
1	0100019	AR	Compound, Locking	
2	0641510	2	Bolt, 5/16 X 1	
3	0641618	2	Bolt, 3/8 X 2-1/4	
4	0642216	2	Bolt, 3/4 X 2	
5	0682648	4	Bolt, 1 X 6	
6	3423227	8	Pin, Cylinder	
7	3520030	1	Plug, Hole	
8	4891600	2	Washer, 3/8	
9	7124451	4	Conduit, 1X8	
10	7137142	4	Pin, Cylinder	
11	7139066	2 NLA	Plate, Counterweight Holddown	
12	8050001	2	Bearing, Self-Align	
13	8065640	4	Bearing, Self-Align	
14	8065641	2	Bearing, Self-Align	
15	8303752	3	Bolt, 5/16 X 3-1/2	
16	8303782	8	Bolt, 1/2 X 4	
17	8305006	2	Nut 5/16	
18	8305014	4	Nut 5/8	
19	8305626	4	Nut 5/16	
20	8305644	8	Nut 1/2	
21	8307009	4	Washer 5/8	
22	8307010	2	Washer 3/4	
23	8307203	2	Washer 5/16	
24	8310039	1	Bolt, 5/16 X 3-3/4	
25	88411148	4	Bolt 5/8 X 2-3/4	
26	8310522	2	Nut 3/8	
27	8520001	8	Fitting, Straight	
28	8520003	4	Fitting, 90	
29	8522012	AR	Lube, Anti-Seize	
30	80241137	4	Washer	
31	1001094787	1	Counterweight, Front	
32	1001208664	1 NLA	Counterweight, Rear	
33	1001160250	1 NLA	Pin, Hitch	
34	1001165057	1	Bracket, Cab Hose	
35	1001169466	1	Weldment, Fuel/Hydraulic/DEF Tank (See Separate Breakdown in this Section)	
36	1001172658	1	Conduit, 1/2X41	
37	1001174229	3	Conduit, 1X13-1/2	
38	1001177190	2	Conduit, 1/2X28	
39	1001177192	2	Conduit, 1/2X12-1/2	
41	1001190007	1	Bracket, Air Filter	
42	1001195826	2	Plug	
43	1001195952	2	Plug, Tube	
44	1001201554	1 NLA	Weldment, Frame	
46	1001174227	8	Conduit, 1X21-1/2	
49	4060805	6 in	Flex-Trim	
50	7124301	2	Conduit, 1/2X15-1/2	
51	7124471	3	Conduit, 1X12-1/2	
52	4060804	4 in	Flex-Trim	

SECTION 1 - FRAME AND ATTACHING PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201691	Ref	Cylinder Kit (Not Shown)	C
301	1001256320	2	Cylinder, Lift (Note: No Service Parts Available, Please Purchase Complete Cylinder)	
302	1001189596	2	Cylinder, Compensation (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
303	1001180762	1	Cylinder, Frame Level (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
304	2717198	1	Cylinder, Stabil-Trak (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-6. FRAME COMPONENTS INSTALLATION (110HP LS) (PVC2005) (8042)

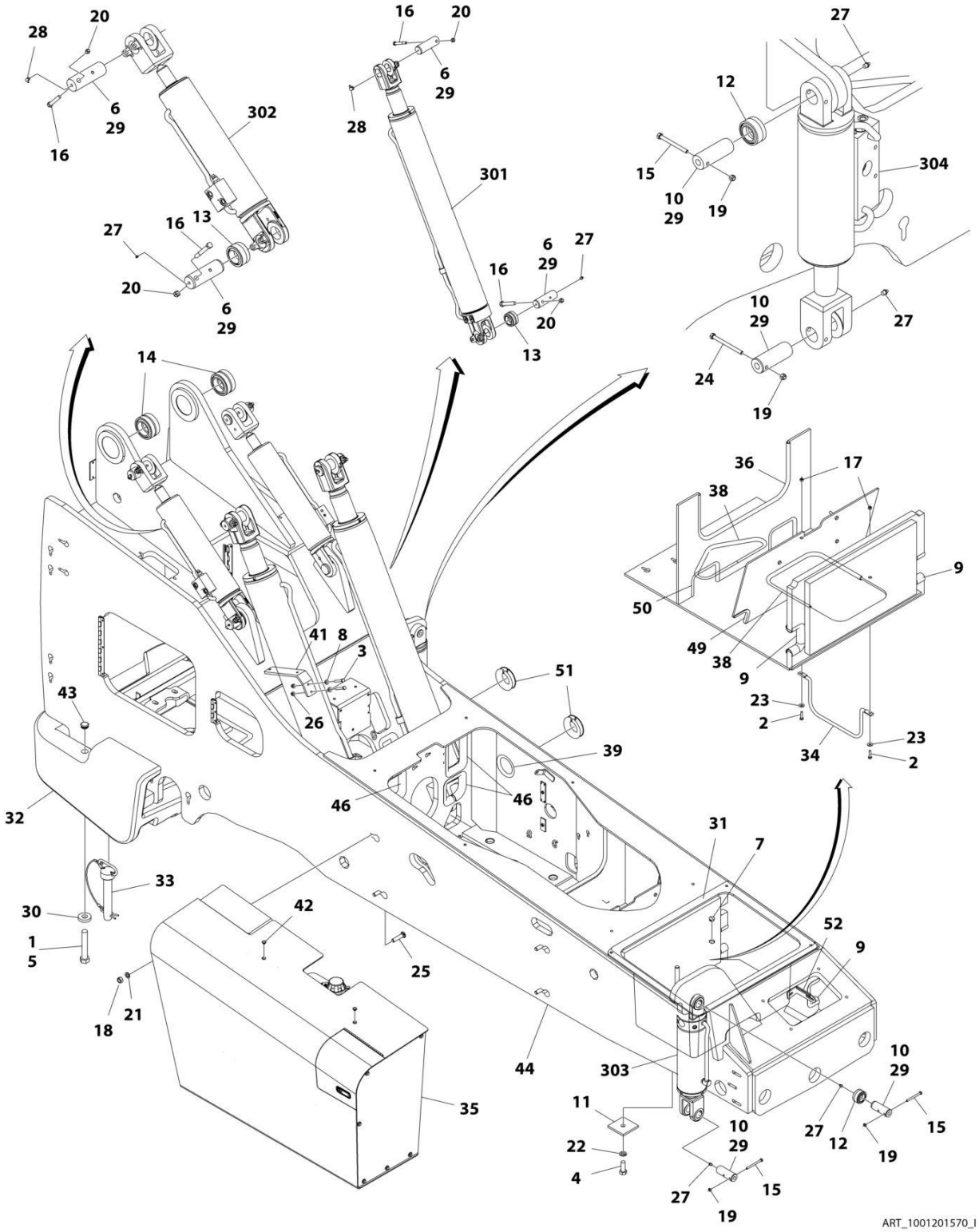


FIGURE 1-6. FRAME COMPONENTS INSTALLATION (110HP LS) (PVC2005) (8042)

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

SECTION 1 - FRAME AND ATTACHING PARTS

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

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-7. FRAME COMPONENTS INSTALLATION (74HP ULS) (PVC1911) (10042)

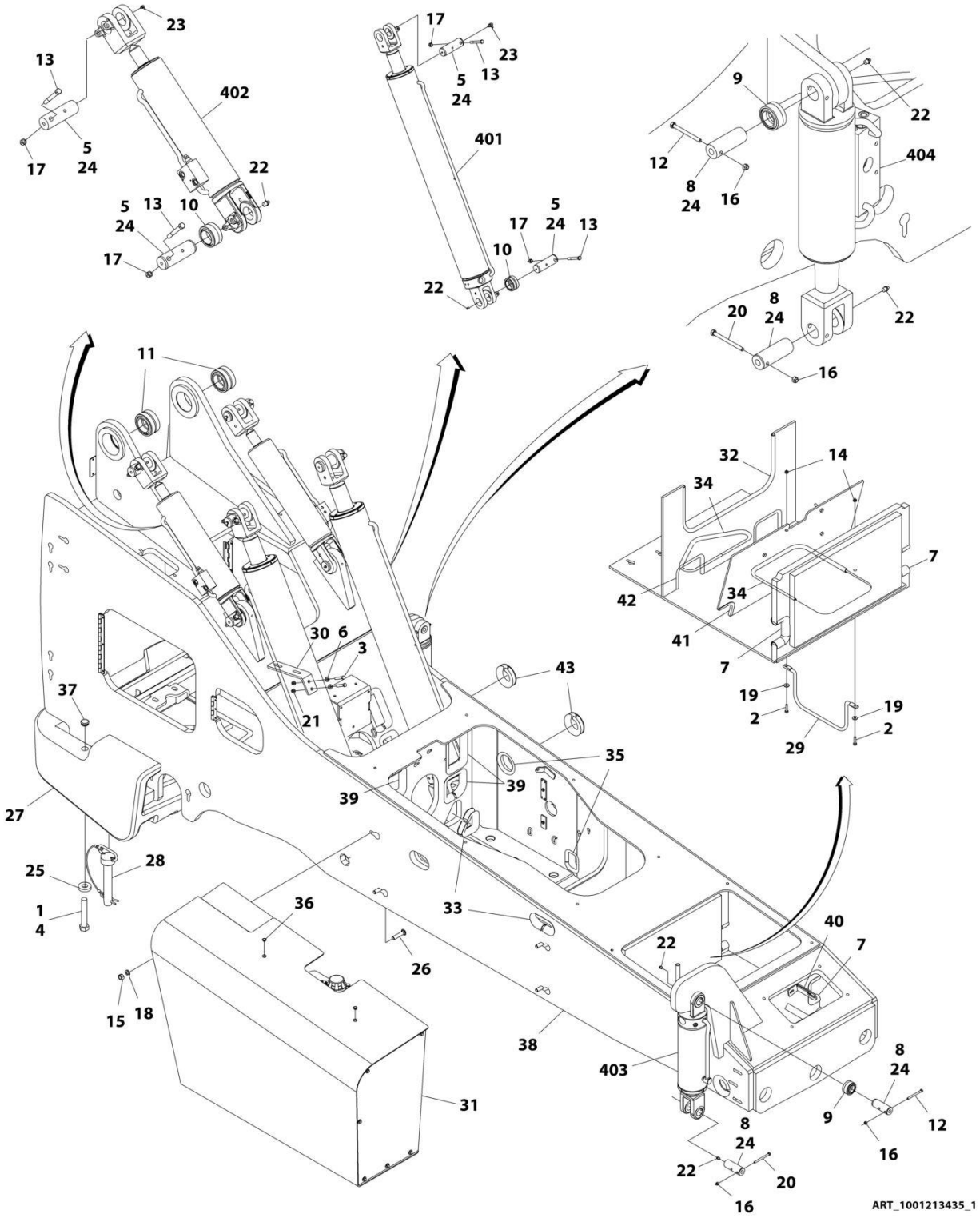


FIGURE 1-7. FRAME COMPONENTS INSTALLATION (74HP ULS) (PVC1911) (10042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213435	Ref	Frame Components Installation, 74HP ULS	G
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	8	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	1 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	
33	1001174229	3	Conduit, 1X13-1/2	
34	1001177190	2	Conduit, 1/2X28	
35	1001177192	2	Conduit, 1/2X12-1/2	
36	1001195826	2	Plug, 1/2	
37	1001195952	2	Plug, Tube	
38	1001201554	1 NLA	Weldment, Frame	
39	1001174227	8	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	3	Conduit, 1X12-1/2	
400	1001201692	Ref	Cylinder Kit (Not Shown)	C
401	1001256321	1	Cylinder, Compensation (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
402	1001189596	2	Cylinder, Compensation (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 1 - FRAME AND ATTACHING PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
403	1001180762	1	Cylinder, Frame Level (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
404	2717198	1	Cylinder, Stabil-Trak (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-8. FRAME COMPONENTS INSTALLATION (74HP ULS) (PVC2005) (10042)

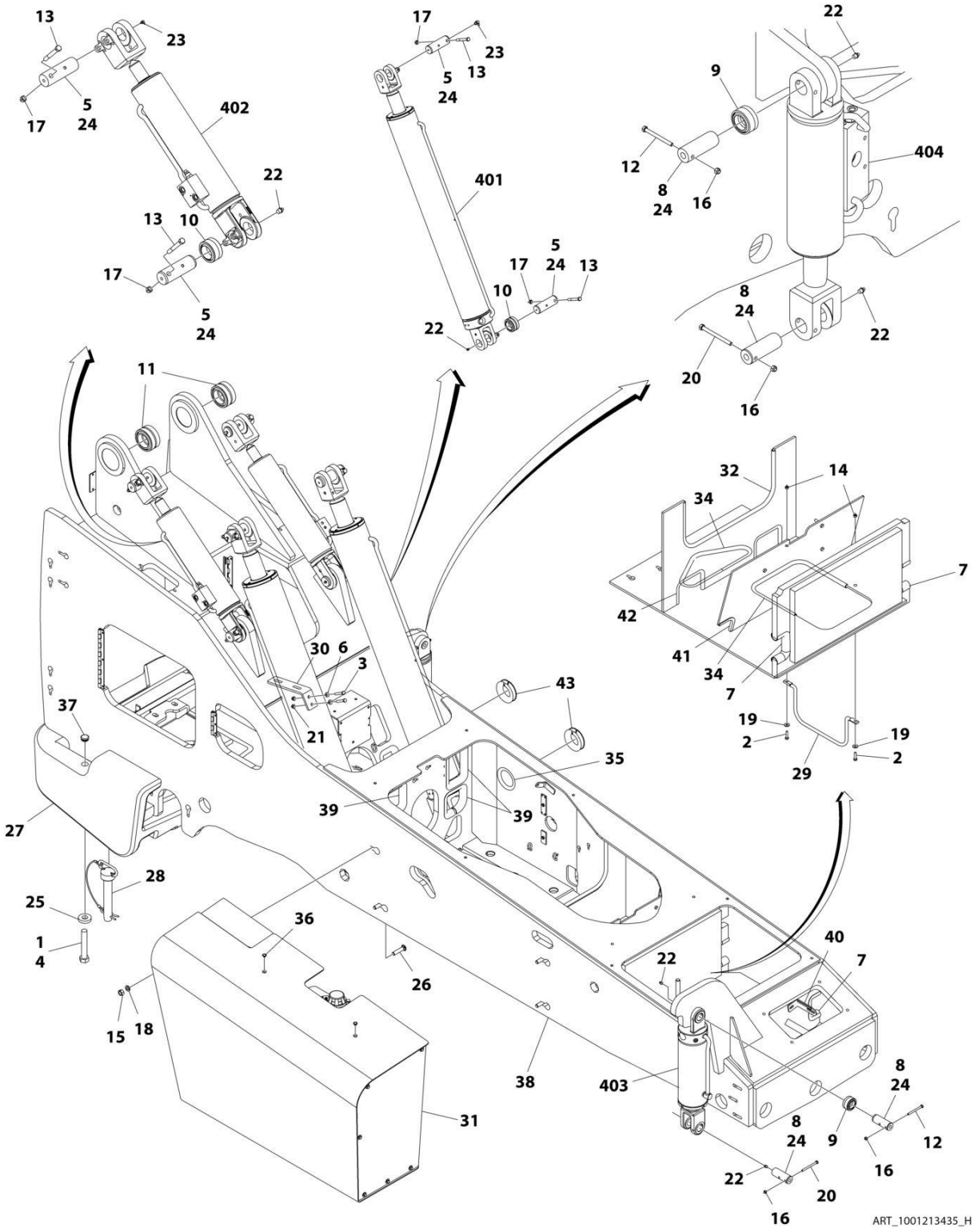


FIGURE 1-8. FRAME COMPONENTS INSTALLATION (74HP ULS) (PVC2005) (10042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213435	Ref	Frame Components Installation, 74HP ULS	H
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	8	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	
400	1001201692	Ref	Cylinder Kit (Not Shown)	C
401	1001256321	1	Cylinder, Compensation (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
402	1001189596	2	Cylinder, Compensation (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 1 - FRAME AND ATTACHING PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
403	1001180762	1	Cylinder, Frame Level (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
404	2717198	1	Cylinder, Stabil-Trak (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-9. FRAME COMPONENTS INSTALLATION (110HP ULS) (PVC1911) (10042)

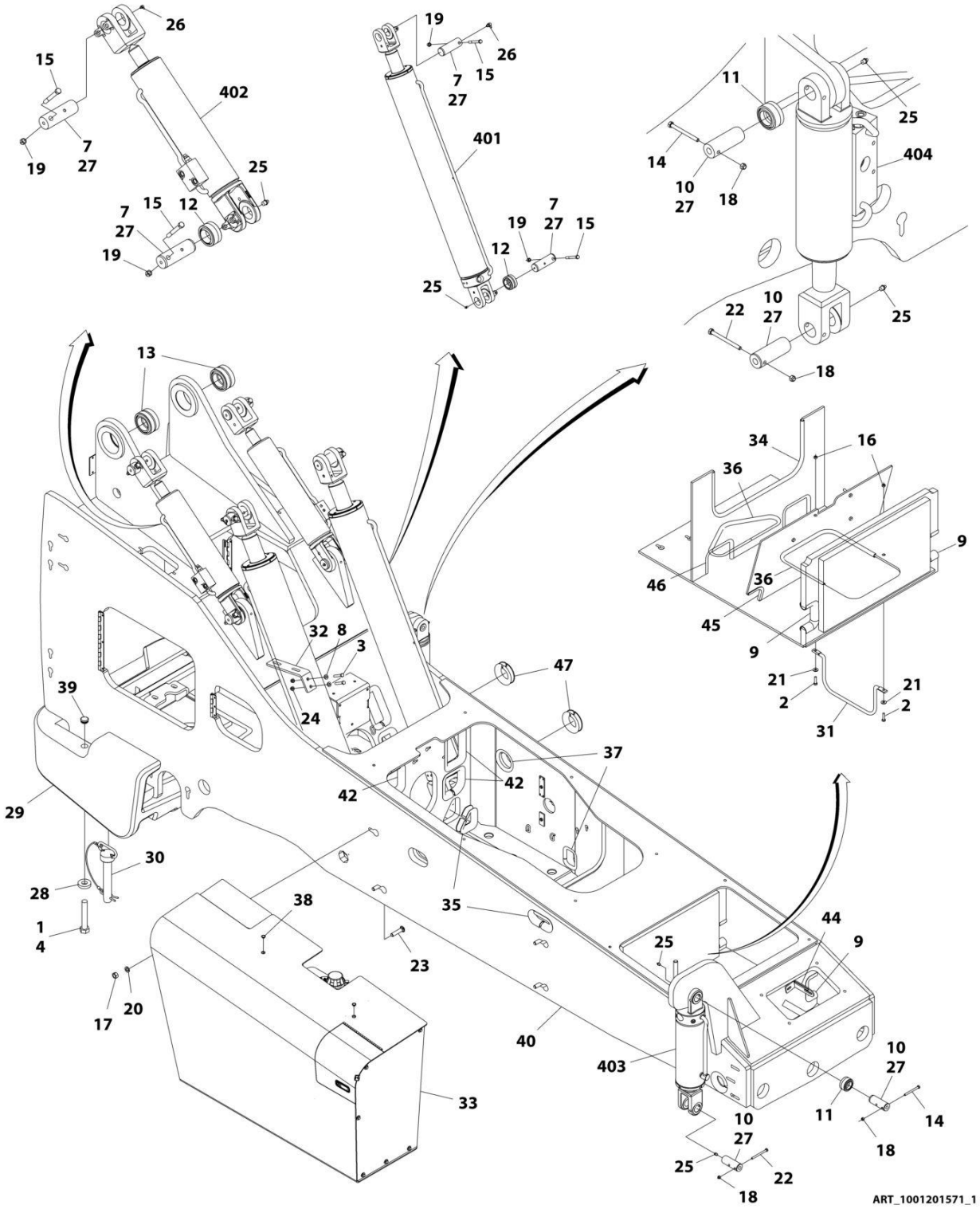


FIGURE 1-9. FRAME COMPONENTS INSTALLATION (110HP ULS) (PVC1911) (10042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201571	Ref	Frame Components Installation, 110HP ULS	H
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	
7	3423227	8	Pin, Cylinder	
8	4891600	2	Washer, 3/8	
9	7124451	4	Conduit, 1X8	
10	7137142	4	Pin, Cylinder	
11	8050001	2	Bearing, Self-Align	
12	8065640	4	Bearing, Self-Align	
13	8065641	2	Bearing, Self-Align	
14	8303752	2	Bolt, 5/16 X 3-1/2	
15	8303782	8	Bolt, 1/2 X 4	
16	8305006	2	Nut 5/16	
17	8305014	4	Nut 5/8	
18	8305626	4	Nut 5/16	
19	8305644	8	Nut 1/2	
20	8307009	4	Washer 5/8	
21	8307203	2	Washer 5/16	
22	8310039	2	Bolt 5/16 X 3-3/4	
23	88411148	4	Bolt 5/8 X 2-3/4	
24	8310522	2	Nut 3/8	
25	8520001	8	Fitting, Straight	
26	8520003	4	Fitting, 90	
27	8522012	AR	Lube, Anti-Seize	
28	80241137	4	Washer, Special	
29	1001208664	1 NLA	Counterweight, Rear	
30	1001160250	1	Pin, Hitch	
31	1001165057	1	Bracket, Cab Hose	
32	1001166238	1	Bracket, Air Filter	
33	1001169329	1	Installation, Hydraulic/Fuel/DEF Tank (See Separate Breakdown in this Section)	
34	1001172658	1	Conduit, 1/2X41	
35	1001174229	3	Conduit, 1X13-1/2	
36	1001177190	2	Conduit, 1/2X28	
37	1001177192	2	Conduit, 1/2X12-1/2	
38	1001195826	2	Plug, 1/2	
39	1001195952	2	Plug, Tube	
40	1001201554	1 NLA	Weldment, Frame	
42	1001174227	8	Conduit, 1X21-1/2	
44	4060804	4 in	Flex-Trim	
45	4060805	6 in	Flex-Trim	
46	7124301	2	Conduit, 1/2X15-1/2	
47	7124471	3	Conduit, 1X12-1/2	
400	1001201692	Ref	Cylinder Kit (Not shown)	C
401	1001256321	2	Cylinder, Lift (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
402	1001189596	2	Cylinder, Compensation (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 1 - FRAME AND ATTACHING PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
403	1001180762	1	Cylinder, Frame Level (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
404	2717198	1	Cylinder, Stabil-Trak (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-10. FRAME COMPONENTS INSTALLATION (110HP ULS) (PVC2005) (10042)

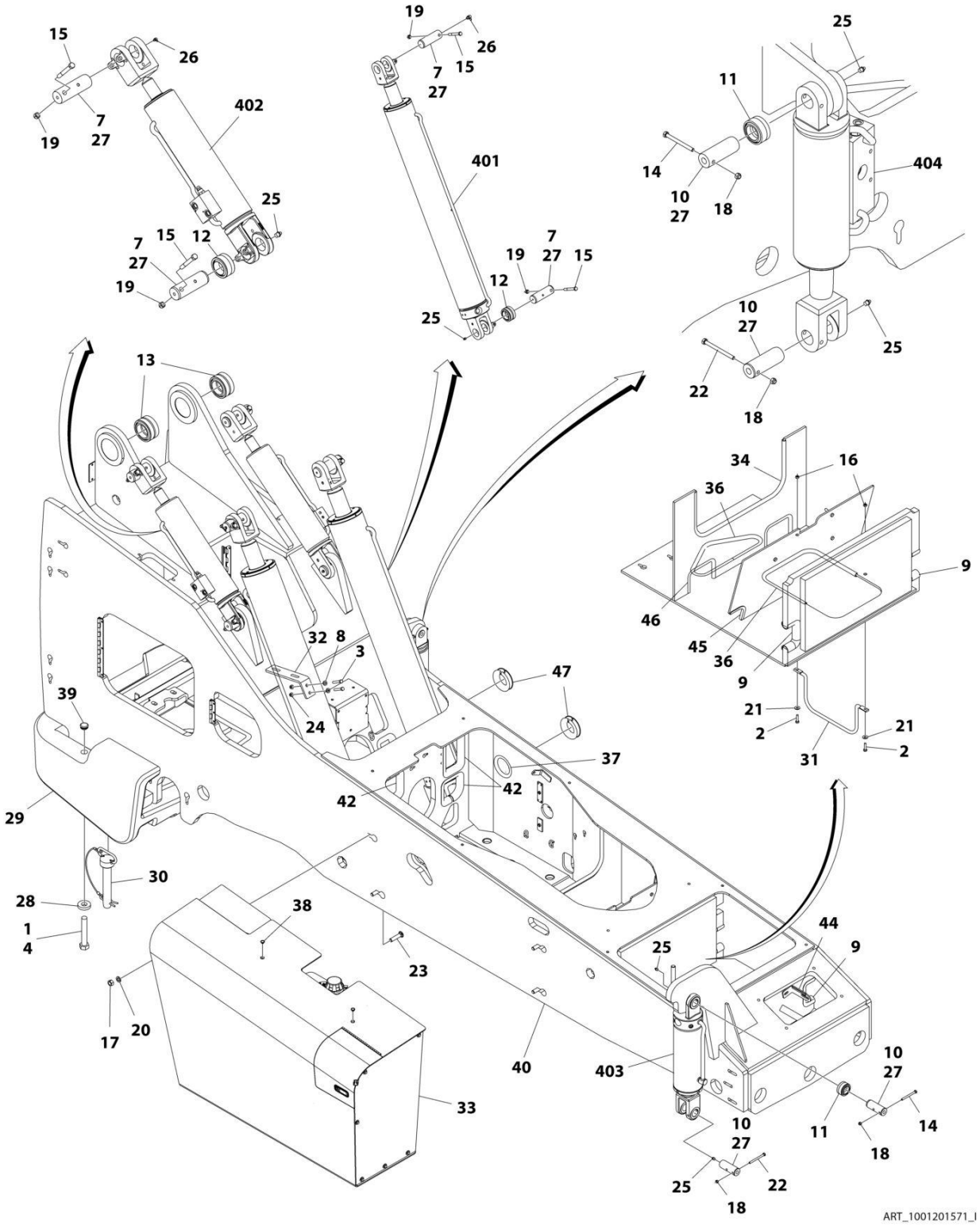


FIGURE 1-10. FRAME COMPONENTS INSTALLATION (110HP ULS) (PVC2005) (10042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201571	Ref	Frame Components Installation, 110HP ULS	I
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	
7	3423227	8	Pin, Cylinder	
8	4891600	2	Washer, 3/8	
9	7124451	4	Conduit, 1X8	
10	7137142	4	Pin, Cylinder	
11	8050001	2	Bearing, Self-Align	
12	8065640	4	Bearing, Self-Align	
13	8065641	2	Bearing, Self-Align	
14	8303752	2	Bolt, 5/16 X 3-1/2	
15	8303782	8	Bolt, 1/2 X 4	
16	8305006	2	Nut 5/16	
17	8305014	4	Nut 5/8	
18	8305626	4	Nut 5/16	
19	8305644	8	Nut 1/2	
20	8307009	4	Washer 5/8	
21	8307203	2	Washer 5/16	
22	8310039	2	Bolt 5/16 X 3-3/4	
23	88411148	4	Bolt 5/8 X 2-3/4	
24	8310522	2	Nut 3/8	
25	8520001	8	Fitting, Straight	
26	8520003	4	Fitting, 90	
27	8522012	AR	Lube, Anti-Seize	
28	80241137	4	Washer, Special	
29	1001208664	NLA	Counterweight, Rear	
30	1001160250	1	Pin, Hitch	
31	1001165057	1	Bracket, Cab Hose	
32	1001166238	1	Bracket, Air Filter	
33	1001169329	1	Installation, Hydraulic/Fuel/DEF Tank (See Separate Breakdown in this Section)	
34	1001172658	1	Conduit, 1/2X41	
36	1001177190	2	Conduit, 1/2X28	
37	1001177192	1	Conduit, 1/2X12-1/2	
38	1001195826	2	Plug, 1/2	
39	1001195952	2	Plug, Tube	
40	1001201554	NLA	Weldment, Frame	
42	1001174227	8	Conduit, 1X21-1/2	
44	4060804	4 in	Flex-Trim	
45	4060805	6 in	Flex-Trim	
46	7124301	2	Conduit, 1/2X15-1/2	
47	7124471	2	Conduit, 1X12-1/2	
400	1001201692	Ref	Cylinder Kit (Not Shown)	C
401	1001256321	2	Cylinder, Lift (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
402	1001189596	2	Cylinder, Compensation (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 1 - FRAME AND ATTACHING PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
403	1001180762	1	Cylinder, Frame Level (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
404	2717198	1	Cylinder, Stabil-Trak (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

FIGURE 1-11. FRAME COMPONENTS INSTALLATION (110HP LS) (PVC1911) (10042)

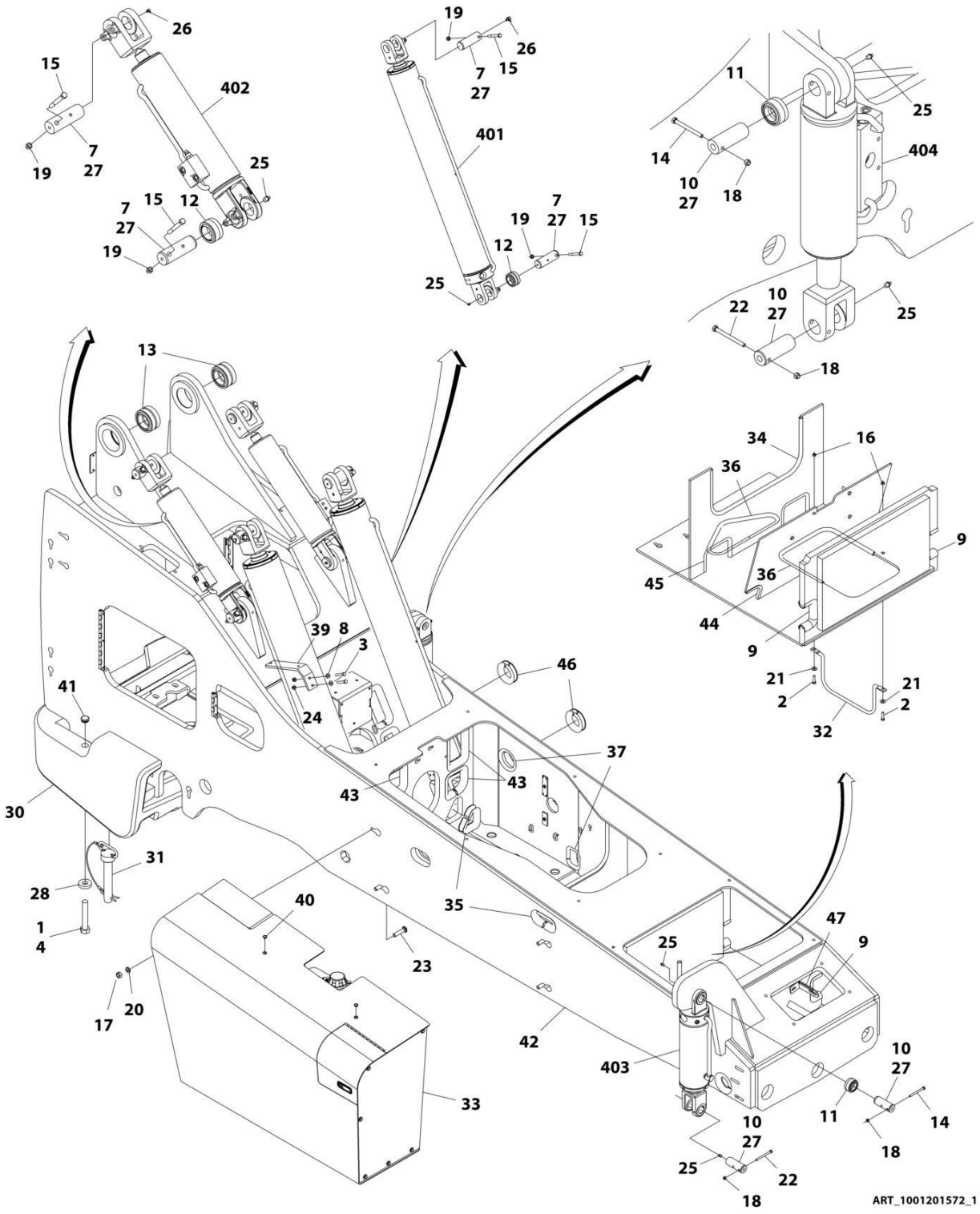


FIGURE 1-11. FRAME COMPONENTS INSTALLATION (110HP LS) (PVC1911) (10042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201572	Ref	Frame Components Installation - 110HP LS	H
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	
7	3423227	8	Pin, Cylinder	
8	4891600	2	Washer, 3/8	
9	7124451	4	Conduit, 1X8	
10	7137142	4	Pin, Cylinder	
11	8050001	2	Bearing, Self-Align	
12	8065640	4	Bearing, Self-Align	
13	8065641	2	Bearing, Self-Align	
14	8303752	2	Bolt, 5/16 x 3-1/2	
15	8303782	8	Bolt, 1/2 X 4	
16	8305006	2	Nut 5/16	
17	8305014	4	Nut 5/8	
18	8305626	4	Nut 5/16	
19	8305644	8	Nut 1/2	
20	8307009	4	Washer 5/8	
21	8307203	2	Washer 5/16	
22	8310039	2	Bolt, 5/16 X 3-3/4	
23	88411148	4	Bolt 5/8 X 2-3/4	
24	8310522	2	Nut 3/8	
25	8520001	8	Fitting, Straight	
26	8520003	4	Fitting, 90	
27	8522012	AR	Lube, Anti-Seize	
28	80241137	4	Washer, Special	
30	1001208664	1 NLA	Counterweight, Rear	
31	1001160250	1	Pin, Hitch	
32	1001165057	1	Bracket, Cab Hose	
33	1001169466	1	Weldment, Fuel/Hydraulic/DEF Tank (See Separate Breakdown in this Section)	
34	1001172658	1	Conduit, 1/2X41	
35	1001174229	3	Conduit, 1X13-1/2	
36	1001177190	2	Conduit, 1/2X28	
37	1001177192	2	Conduit, 1/2X12-1/2	
39	1001190007	1	Bracket, Air Filter	
40	1001195826	2	Plug	
41	1001195952	2	Plug, Tube	
42	1001201554	1 NLA	Weldment, Frame	
43	1001174227	8	Conduit, 1X21-1/2	
44	4060805	6 in	Flex-Trim	
45	7124301	2	Conduit, 1/2X15-1/2	
46	7124471	3	Conduit, 1X12-1/2	
47	4060804	4 in	Flex-Trim	
400	1001201692	Ref	Cylinder Kit (Not Shown)	C
401	1001256321	2	Cylinder, Lift (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
402	1001189596	2	Cylinder, Compensation (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 1 - FRAME AND ATTACHING PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
403	1001180762	1	Cylinder, Frame Level (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
404	2717198	1	Cylinder, Stabil-Trak (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

FIGURE 1-12. FRAME COMPONENTS INSTALLATION (110HP LS) (PVC2005) (10042)

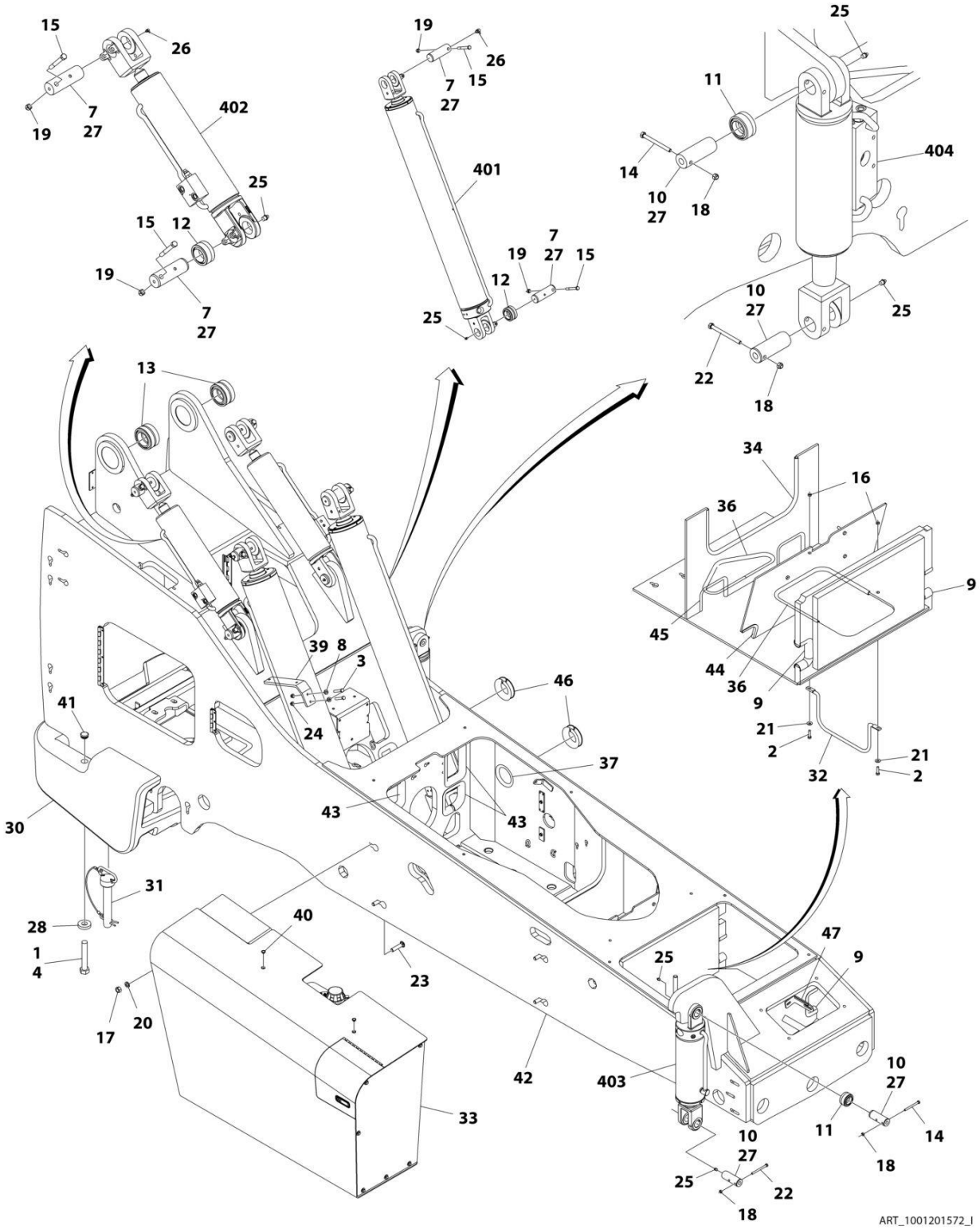


FIGURE 1-12. FRAME COMPONENTS INSTALLATION (110HP LS) (PVC2005) (10042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201572	Ref	Frame Components Installation - 110HP LS	I
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	
7	3423227	8	Pin, Cylinder	
8	4891600	2	Washer, 3/8	
9	7124451	4	Conduit, 1X8	
10	7137142	4	Pin, Cylinder	
11	8050001	2	Bearing, Self-Align	
12	8065640	4	Bearing, Self-Align	
13	8065641	2	Bearing, Self-Align	
14	8303752	2	Bolt, 5/16 x 3-1/2	
15	8303782	8	Bolt, 1/2 X 4	
16	8305006	2	Nut 5/16	
17	8305014	4	Nut 5/8	
18	8305626	4	Nut 5/16	
19	8305644	8	Nut 1/2	
20	8307009	4	Washer 5/8	
21	8307203	2	Washer 5/16	
22	8310039	2	Bolt, 5/16 X 3-3/4	
23	88411148	4	Bolt 5/8 X 2-3/4	
24	8310522	2	Nut 3/8	
25	8520001	8	Fitting, Straight	
26	8520003	4	Fitting, 90	
27	8522012	AR	Lube, Anti-Seize	
28	80241137	4	Washer, Special	
30	1001208664	NLA	Counterweight, Rear	
31	1001160250	1	Pin, Hitch	
32	1001165057	1	Bracket, Cab Hose	
33	1001169466	1	Weldment, Fuel/Hydraulic/DEF Tank (See Separate Breakdown in this Section)	
34	1001172658	1	Conduit, 1/2X41	
36	1001177190	2	Conduit, 1/2X28	
37	1001177192	1	Conduit, 1/2X12-1/2	
39	1001190007	1	Bracket, Air Filter	
40	1001195826	2	Plug	
41	1001195952	2	Plug, Tube	
42	1001201554	NLA	Weldment, Frame	
43	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	
400	1001201692	Ref	Cylinder Kit (Not Shown)	C
401	1001256321	2	Cylinder, Lift (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
402	1001189596	2	Cylinder, Compensation (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 1 - FRAME AND ATTACHING PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
403	1001180762	1	Cylinder, Frame Level (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
404	2717198	1	Cylinder, Stabil-Trak (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-13. FRAME COMPONENTS INSTALLATION (74HP ULS) (PVC1911) (10054)

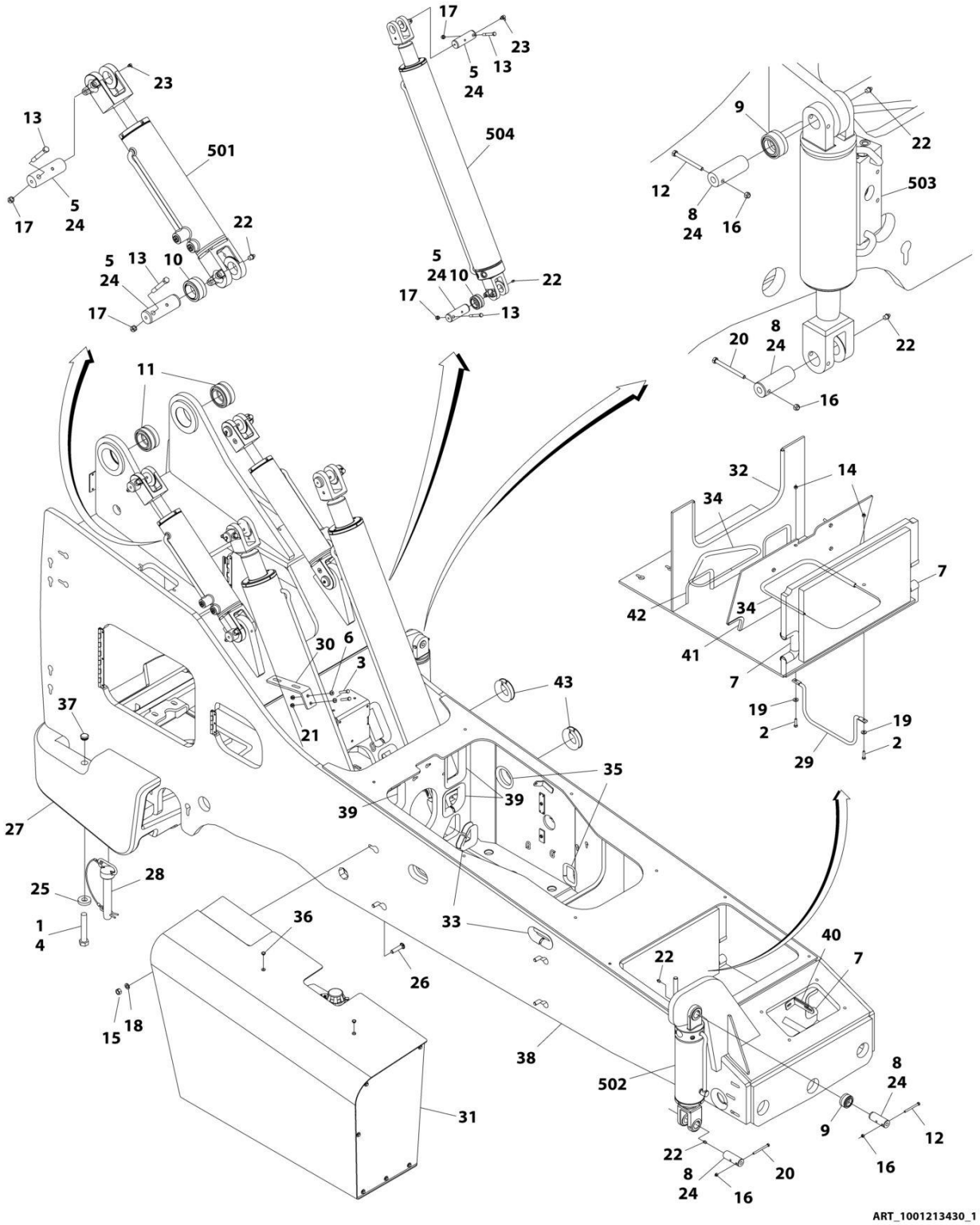


FIGURE 1-13. FRAME COMPONENTS INSTALLATION (74HP ULS) (PVC1911) (10054)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213430	Ref	Frame Components Installation, 74HP ULS	I
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	1 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	
33	1001174229	3	Conduit, 1X13-1/2	
34	1001177190	2	Conduit, 1/2X28	
35	1001177192	2	Conduit, 1/2X12-1/2	
36	1001195826	2	Plug, 1/2	
37	1001195952	2	Plug, Tube	
38	1001201554	1 NLA	Weldment, Frame	
39	1001174227	8	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	3	Conduit, 1X12-1/2	
	1001201693	Ref	Cylinder Kit (Not Shown)	E
501	1001180761	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	1001256322	2	Cylinder, Lift (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

FIGURE 1-14. FRAME COMPONENTS INSTALLATION (74HP ULS) (PVC2005) (10054)

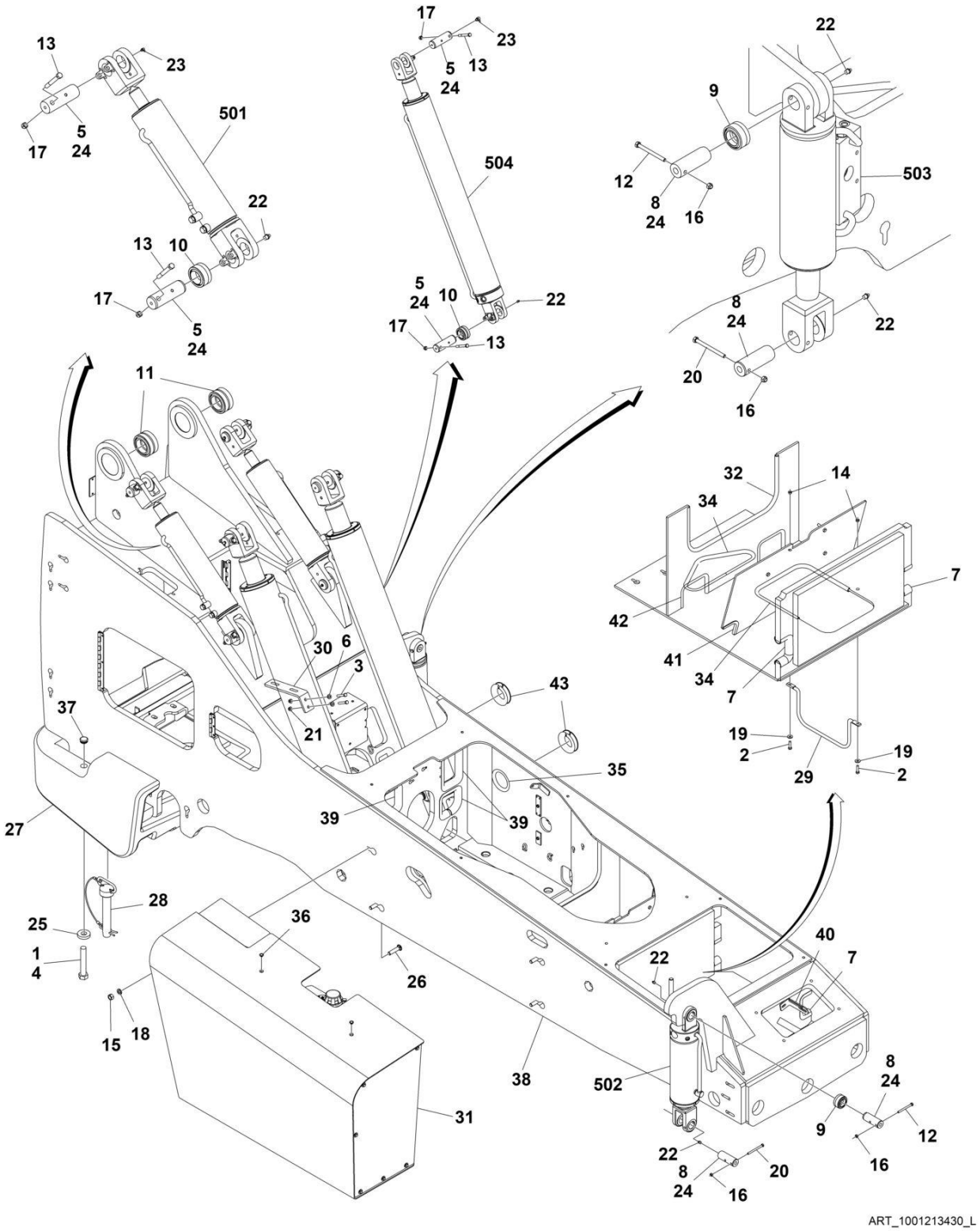


FIGURE 1-14. FRAME COMPONENTS INSTALLATION (74HP ULS) (PVC2005) (10054)

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 1-15. FRAME COMPONENTS INSTALLATION (110HP ULS) (PVC1911) (10054)

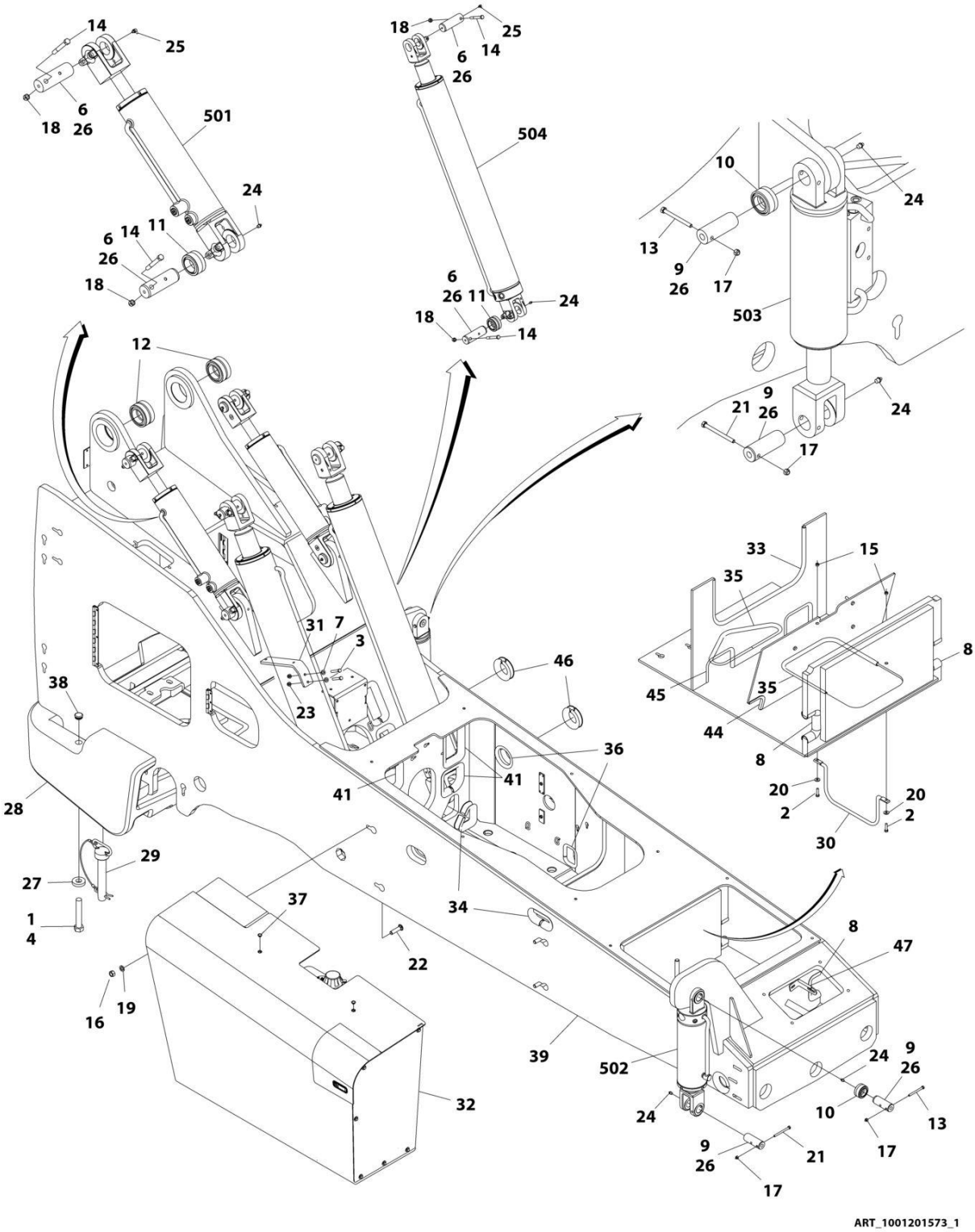


FIGURE 1-15. FRAME COMPONENTS INSTALLATION (110HP ULS) (PVC1911) (10054)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201573	Ref	Frame Components Installation, 110HP ULS	K
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	1 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	
34	1001174229	3	Conduit, 1X13-1/2	
35	1001177190	2	Conduit, 1/2X28	
36	1001177192	2	Conduit, 1/2X12-1/2	
37	1001195826	2	Plug, 1/2	
38	1001195952	2	Plug, Tube	
39	1001201554	1 NLA	Weldment, Frame	
41	1001174227	8	Conduit, 1X21-1/2	
44	4060805	6 in	Flex-Trim	
45	7124301	2	Conduit, 1/2X15-1/2	
46	7124471	3	Conduit, 1X12.5	
47	4060804	4 in	Flex-Trim	
500	1001201693	Ref	Cylinder Kit (Not Shown)	E
501	1001180761	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	1001256322	2	Cylinder, Lift (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-16. FRAME COMPONENTS INSTALLATION (110HP ULS) (PVC2005) (10054)

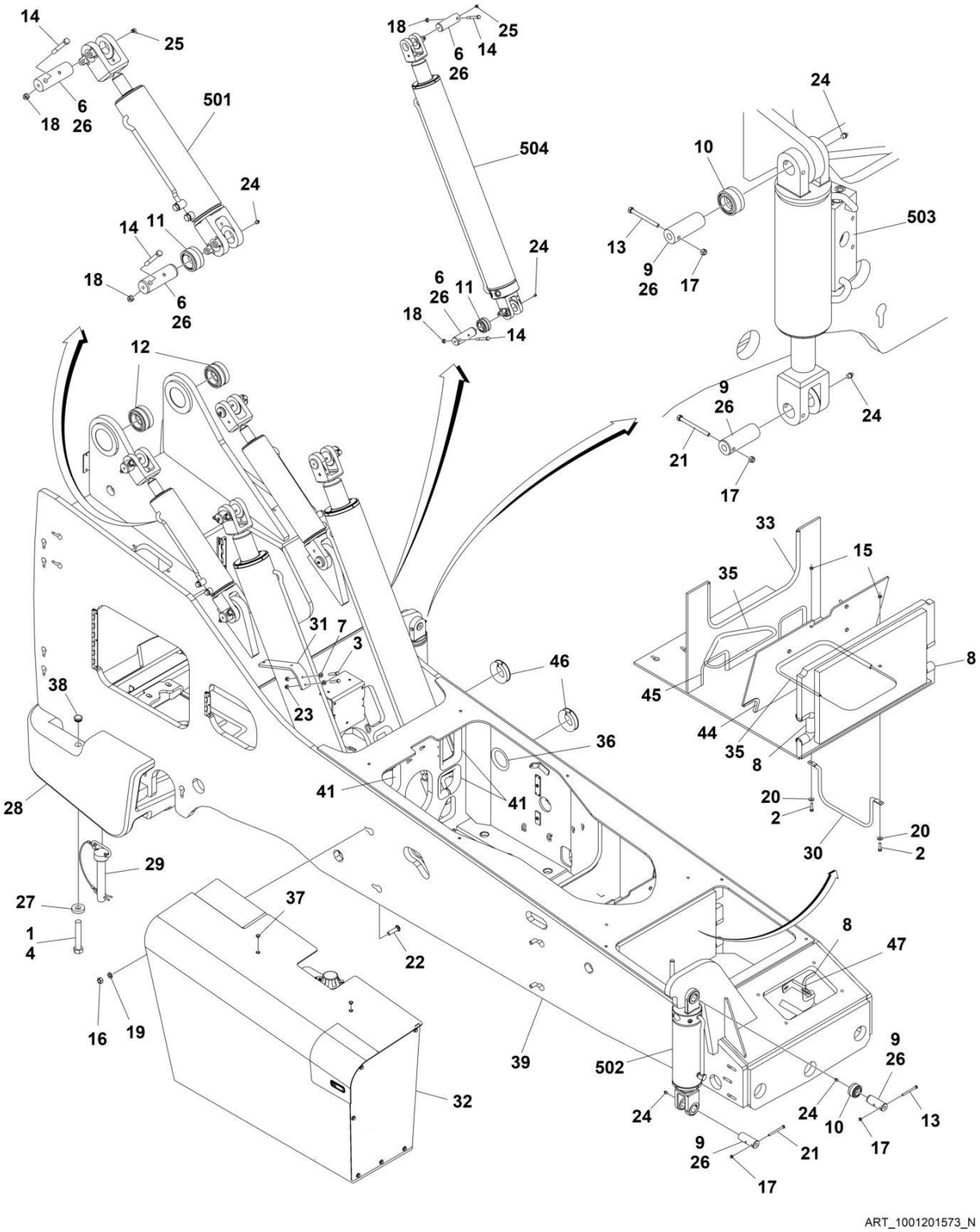


FIGURE 1-16. FRAME COMPONENTS INSTALLATION (110HP ULS) (PVC2005) (10054)

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)	

FIGURE 1-17. FRAME COMPONENTS INSTALLATION (110HP LS) (PVC1911) (10054)

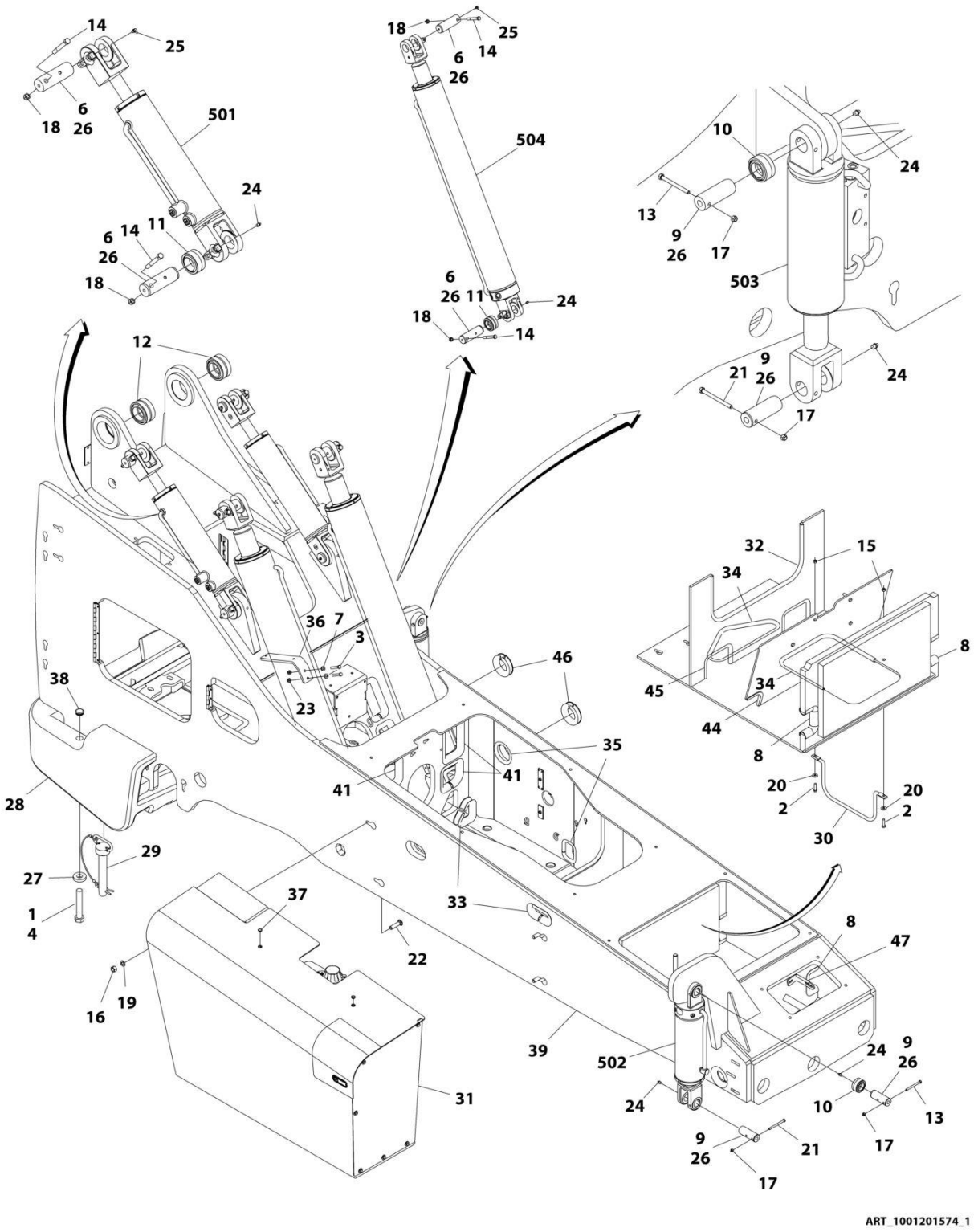


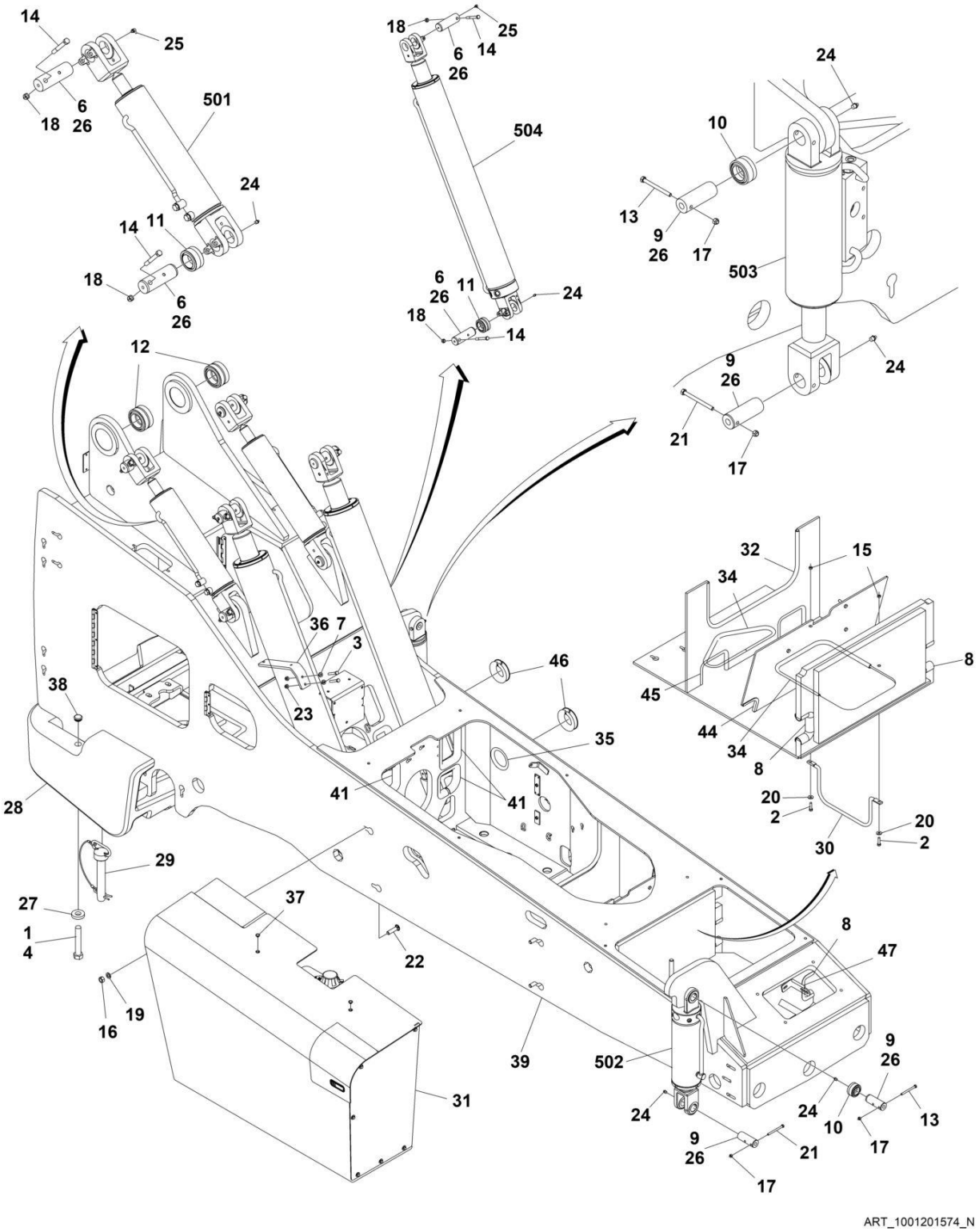
FIGURE 1-17. FRAME COMPONENTS INSTALLATION (110HP LS) (PVC1911) (10054)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201574	Ref	Frame Components Installation - LS	K
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	1 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	
33	1001174229	3	Conduit, 1X13-1/2	
34	1001177190	2	Conduit, 1/2X28	
35	1001177192	2	Conduit, 1/2X12-1/2	
36	1001190007	1	Bracket, Air Filter	
37	1001195826	2	Plug	
38	1001195952	2	Plug, Tube	
39	1001201554	1 NLA	Weldment, Frame	
41	1001174227	8	Conduit, 1X21-1/2	
44	4060805	6 in	Flex-Trim	
45	7124301	2	Conduit, 1/2X15-1/2	
46	7124471	3	Conduit, 1X12-1/2	
47	4060804	4 in	Flex-Trim	
500	1001201693	Ref	Cylinder Kit (Not Shown)	E
501	1001180761	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	1001256322	2	Cylinder, Lift (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

FIGURE 1-18. FRAME COMPONENTS INSTALLATION (110HP LS) (PVC2005) (10054)



ART_1001201574_N

FIGURE 1-18. FRAME COMPONENTS INSTALLATION (110HP LS) (PVC2005) (10054)

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 1-19. TANKS ASSEMBLY - HYDRAULIC/FUEL/DEF (74HP ULS)

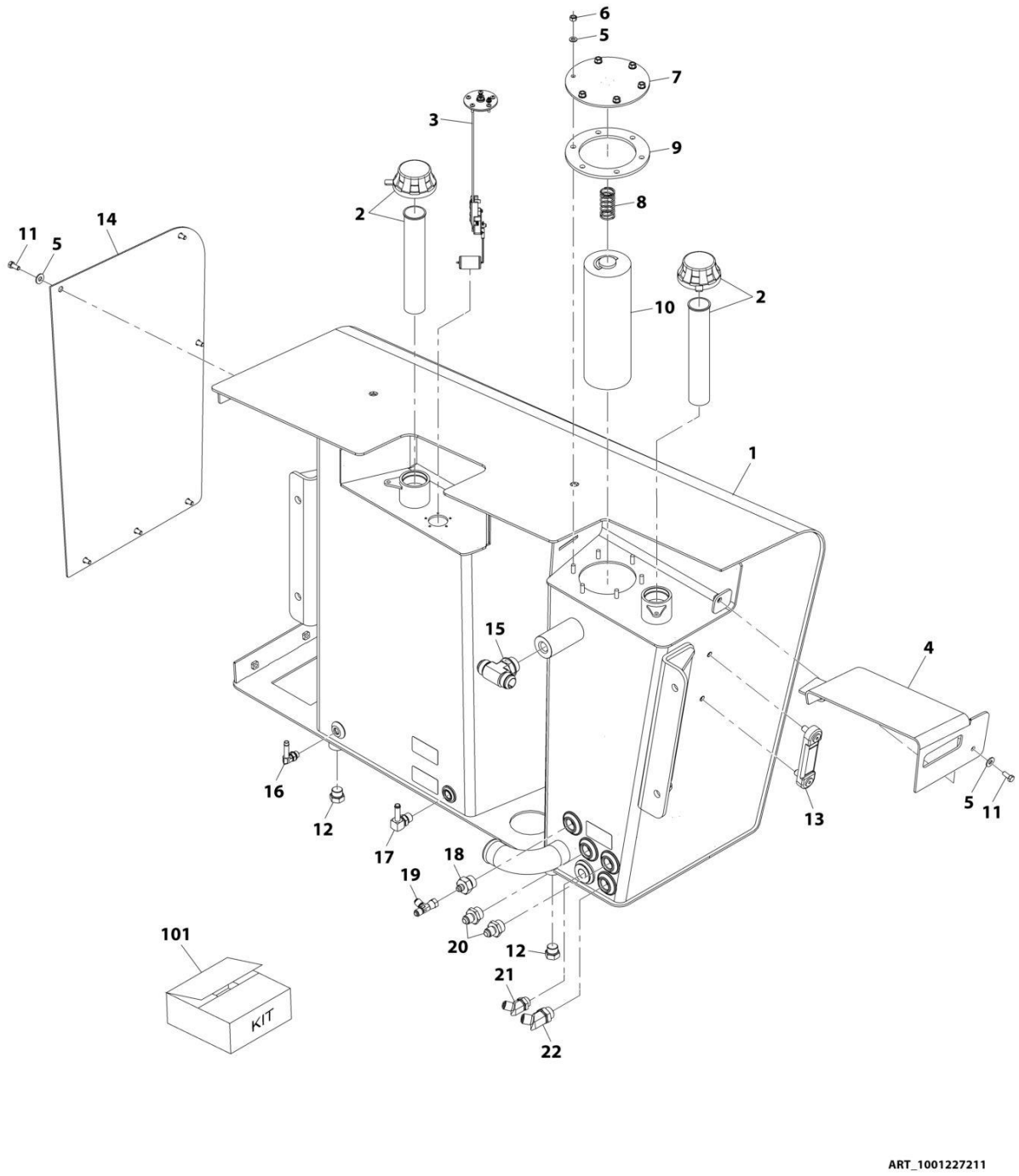


FIGURE 1-19. TANKS ASSEMBLY - HYDRAULIC/FUEL/DEF (74HP ULS)

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 1-20. TANKS INSTALLATION - HYDRAULIC/FUEL/DEF (110HP ULS)

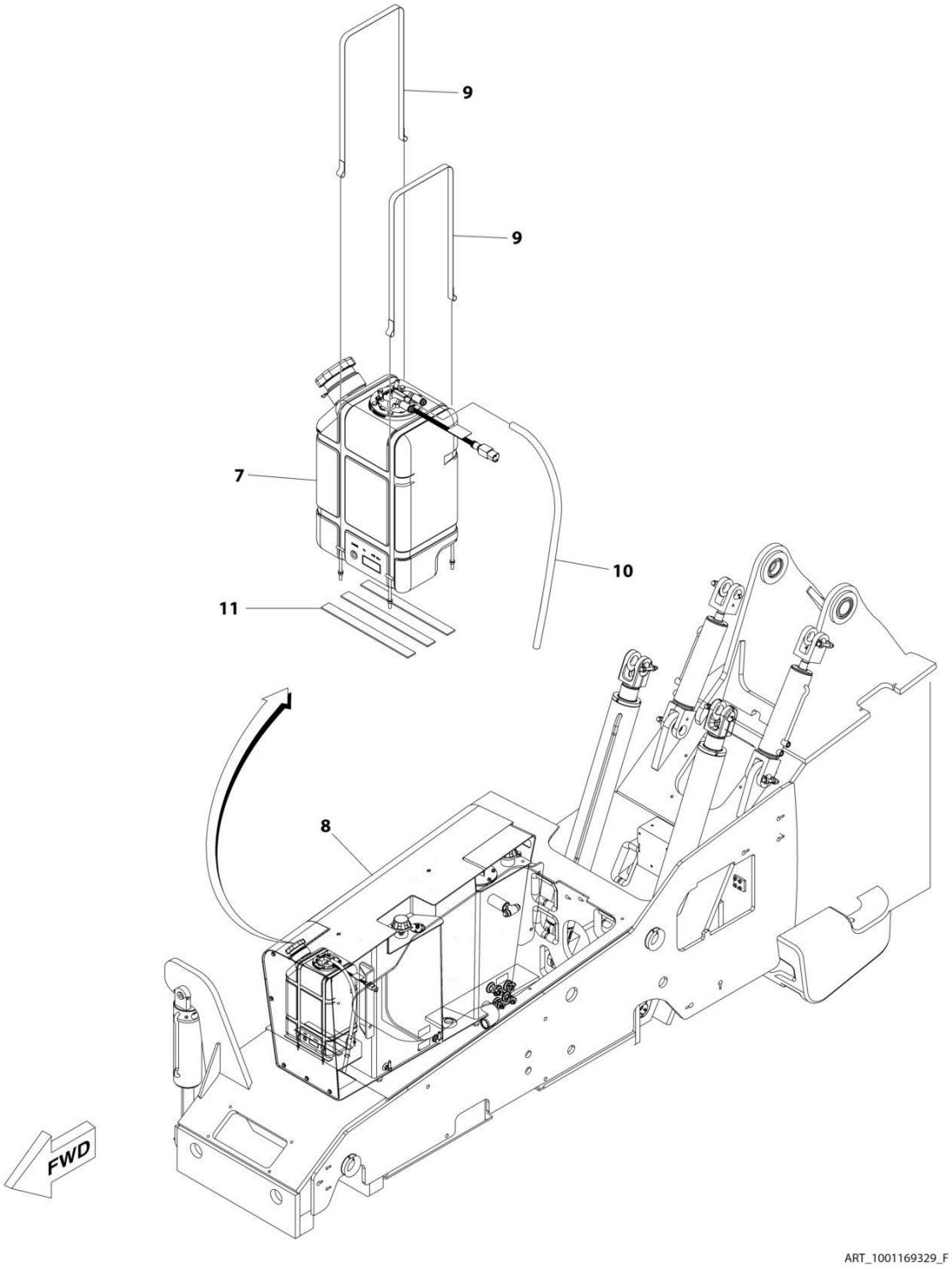


FIGURE 1-20. TANKS INSTALLATION - HYDRAULIC/FUEL/DEF (110HP ULS)

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 1-21. TANKS ASSEMBLY - HYDRAULIC/FUEL (110HP ULS & LS)

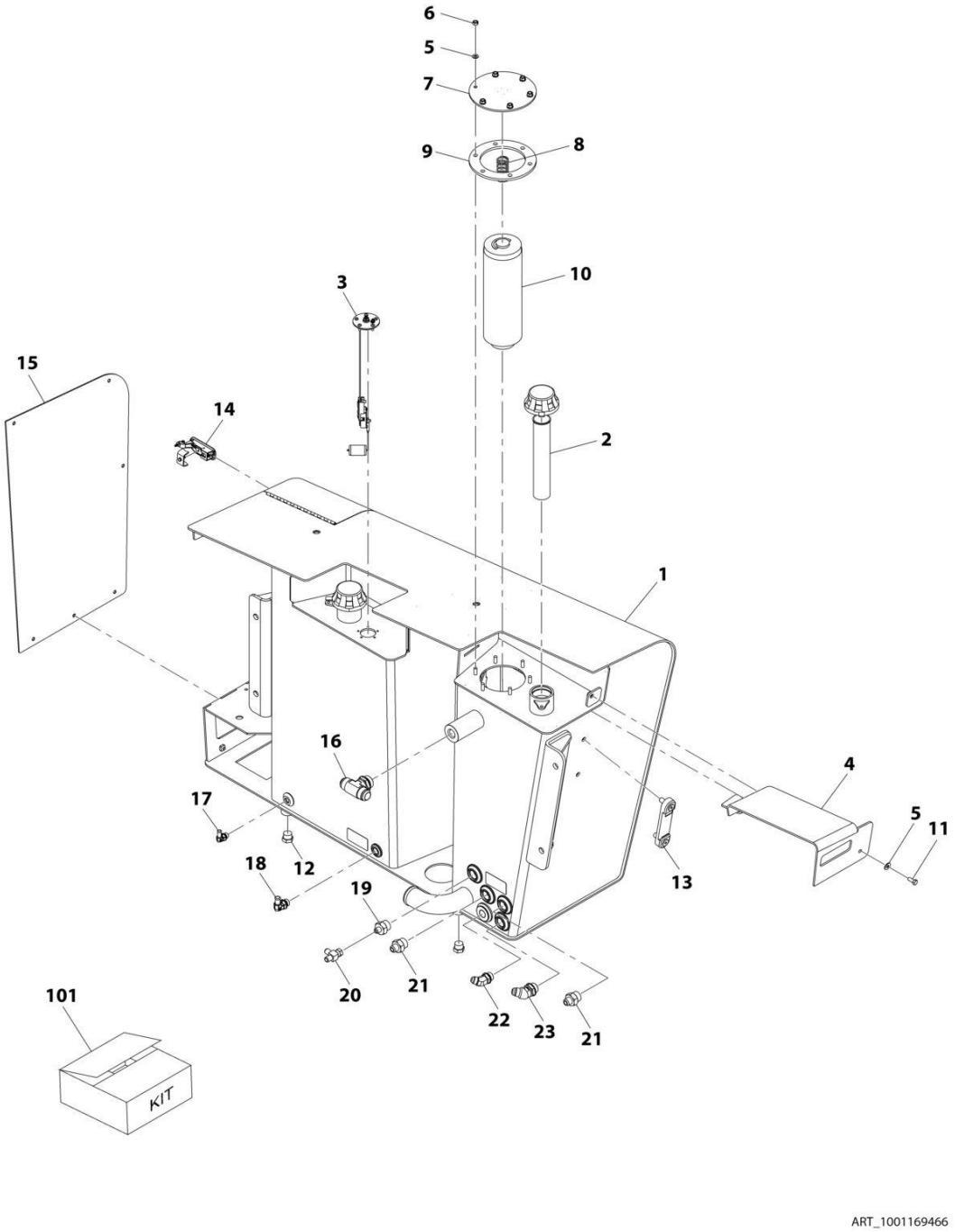
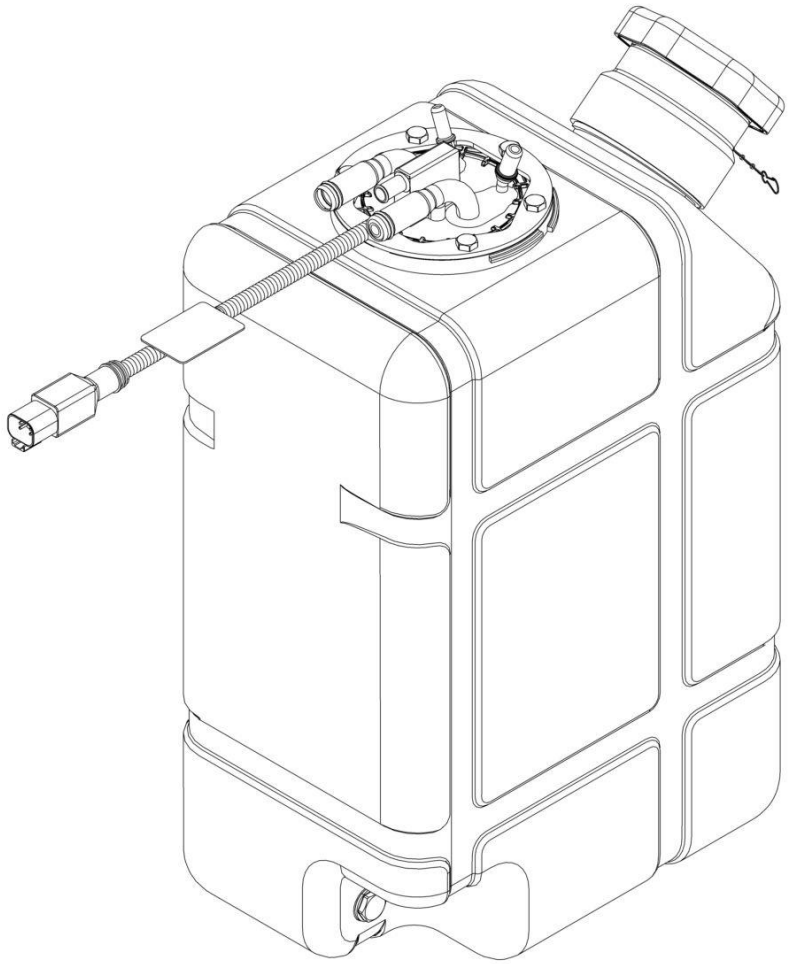


FIGURE 1-21. TANKS ASSEMBLY - HYDRAULIC/FUEL (110HP ULS & LS)

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 1-22. DEF TANK ASSEMBLY (110HP ULS)



ART_1001228986-A

FIGURE 1-22. 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 1-23. FRAME COVERS INSTALLATION (74HP ULS) (8042)

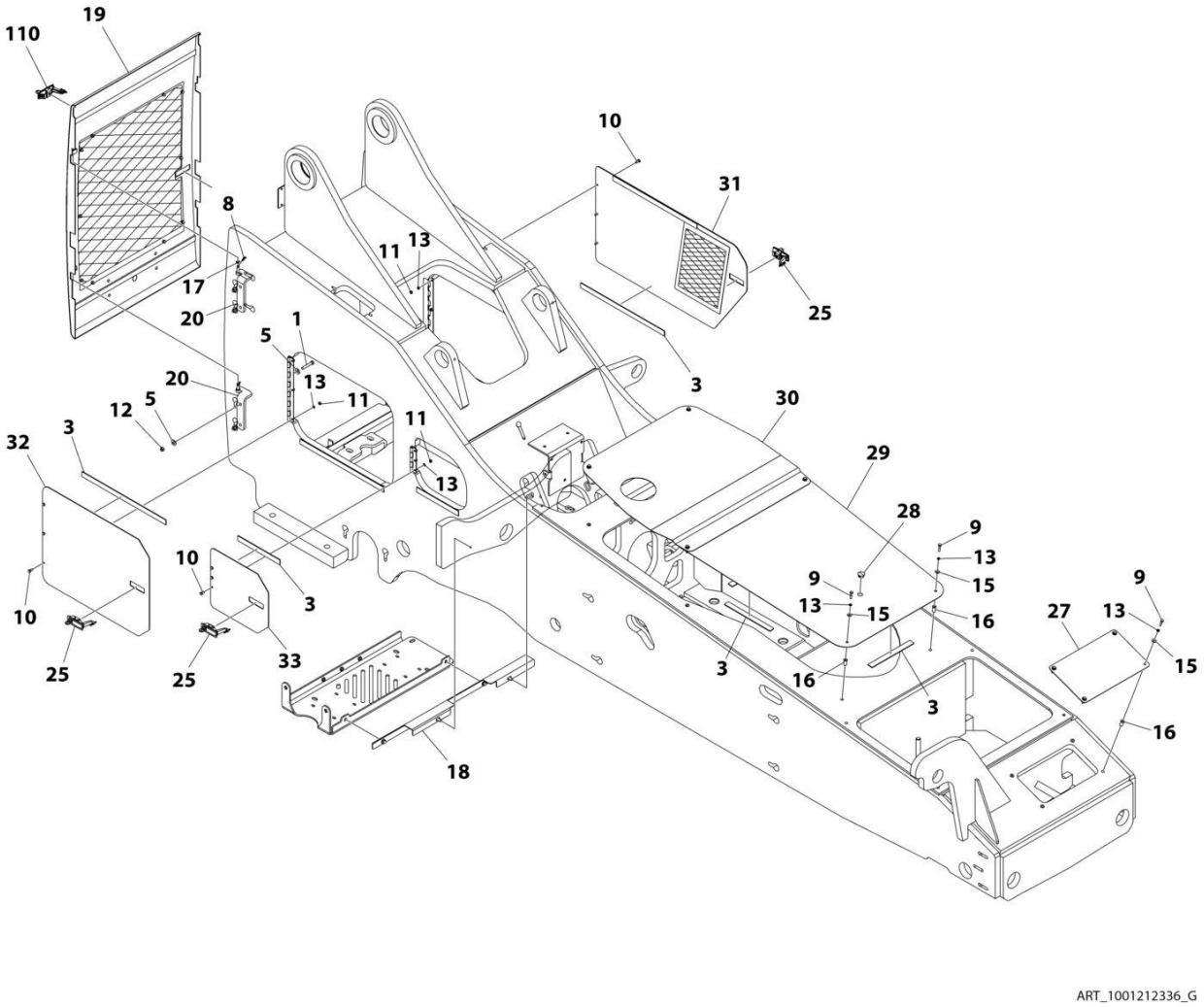


FIGURE 1-23. FRAME COVERS INSTALLATION (74HP ULS) (8042)

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

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-24. FRAME COVERS INSTALLATION (74HP ULS WITH AIR SHUT OFF VALVE) (8042)

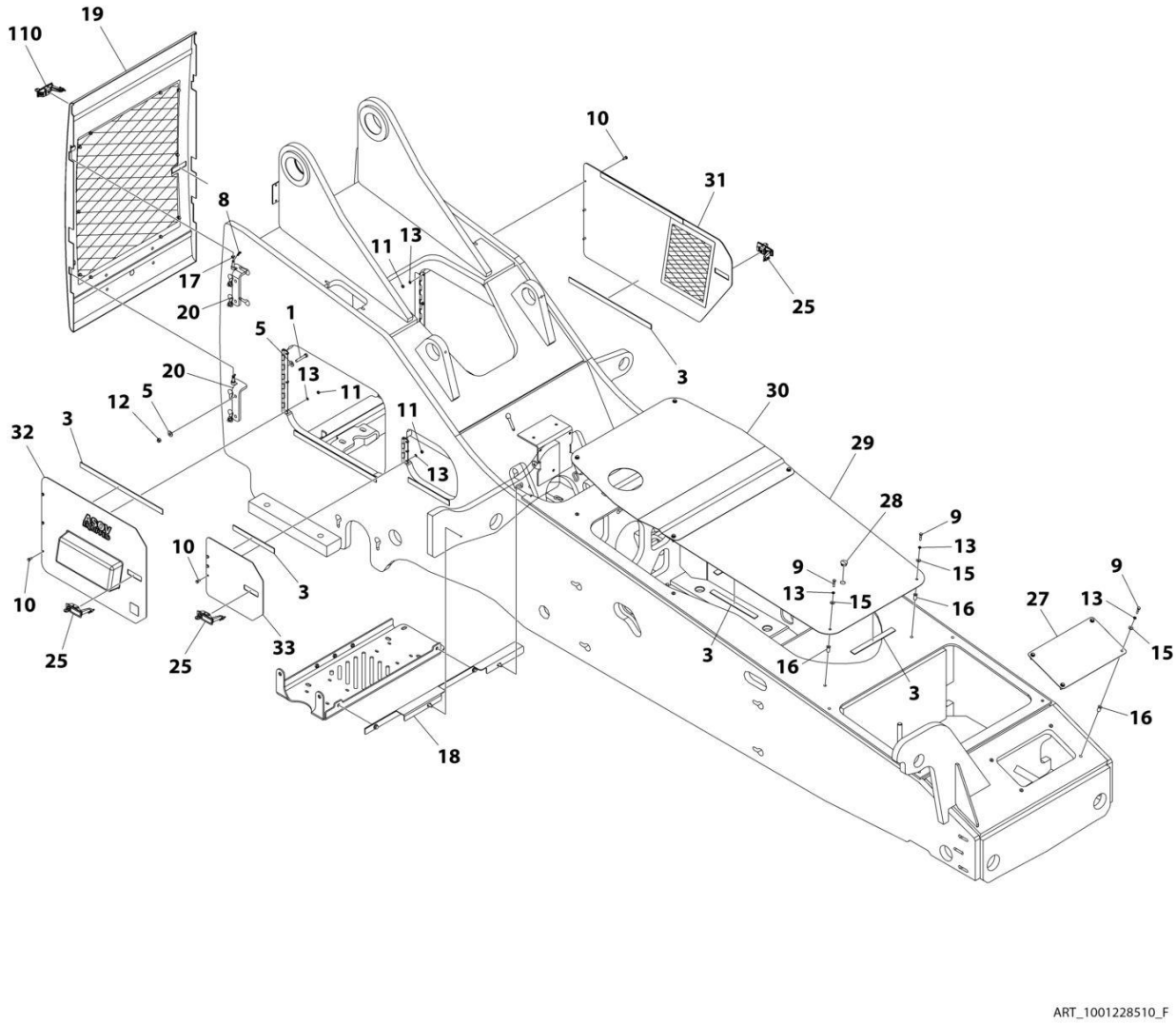


FIGURE 1-24. FRAME COVERS INSTALLATION (74HP ULS WITH AIR SHUT OFF VALVE) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228510	Ref	FRAME COVERS INSTALLATION	F
1	0641618	4	Bolt 3/8 x 2-1/4	
3	4420037	150 in	Tape, Insulation	
5	8307204	8	Washer 3/8	
8	8302470	2	Pin, Hair	
9	8303615	10	Bolt 1/4 x 1-1/4	
10	8303729	9	Bolt 1/4 x 5/8	
11	8305004	9	Nut 1/4	
12	8305645	4	Nut 5/16	
13	8307002	19	Washer 1/4	
15	8307202	10	Washer 1/4	
16	8580420	10	Nut, Well	
17	10732150	2	Washer M10	
18	1001127864	1	Installation, Dust Shield (See Separate Breakdown in this Section)	
19	1001156283	1	Door, Rear (Includes Item 110)	O
20	1001159319	2	Mount, Rear Door	
25	1001190341	3	Latch, Adjustable Trigger	
27	1001192390	1	Cover, Front	
28	3520030	1	Plug	
29	1001242035	1	Cover, Lower Transmission	
30	7139407	1	Cover, Upper Transmission	
31	1001169006	1	Panel, Left Side Access	
32	1001216291	1	Panel, Right Side Engine Access	
33	1001171385	1	Panel, Air Cleaner Access	
110	1001190341	1	Latch, Adjustable Trigger	

FIGURE 1-25. FRAME COVERS INSTALLATION - 8042 (110HP ULS) (8042)

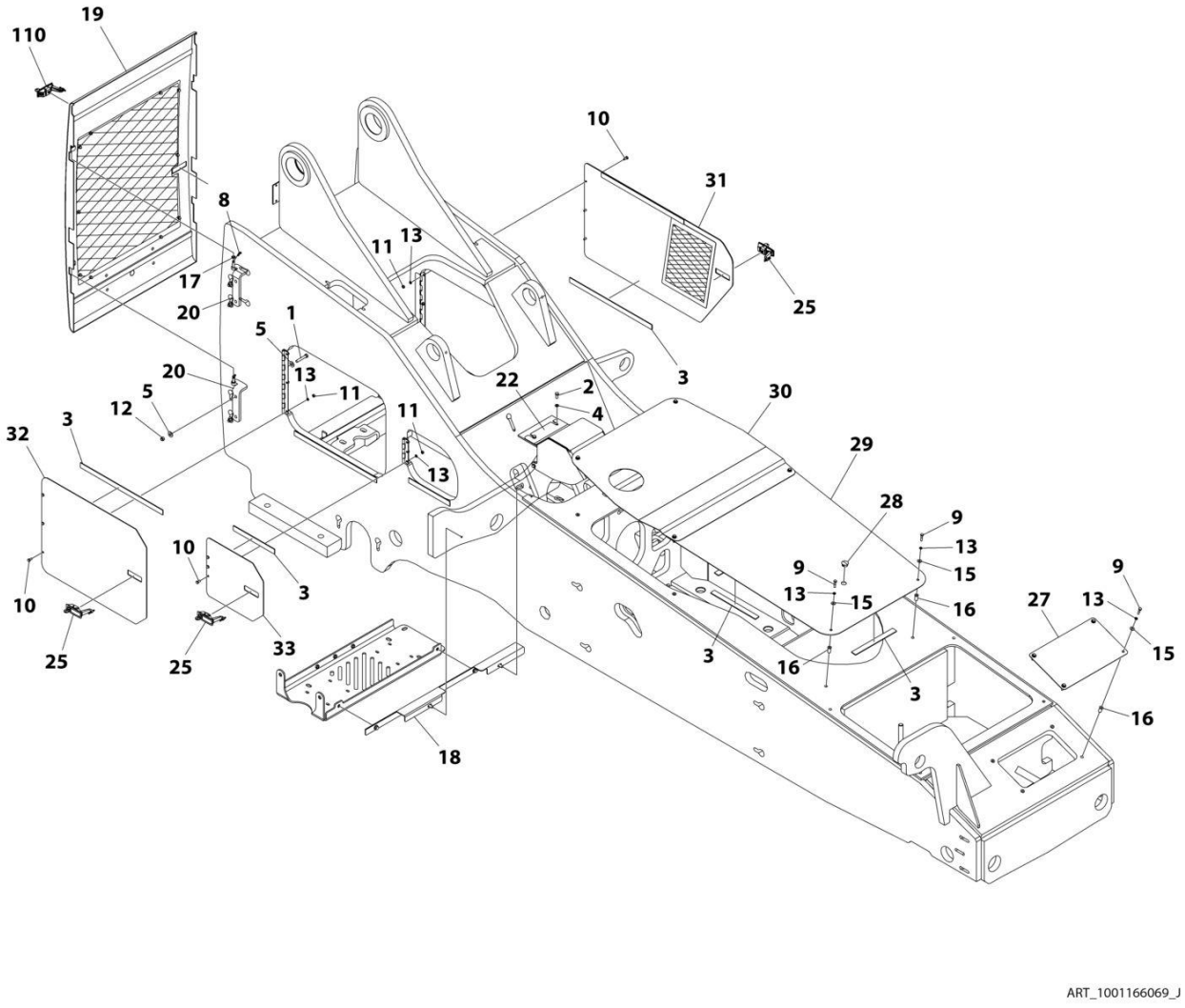


FIGURE 1-25. FRAME COVERS INSTALLATION - 8042 (110HP ULS) (8042)

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

FIGURE 1-26. FRAME COVERS INSTALLATION (110HP ULS WITH AIR SHUT OFF VALVE) (8042)

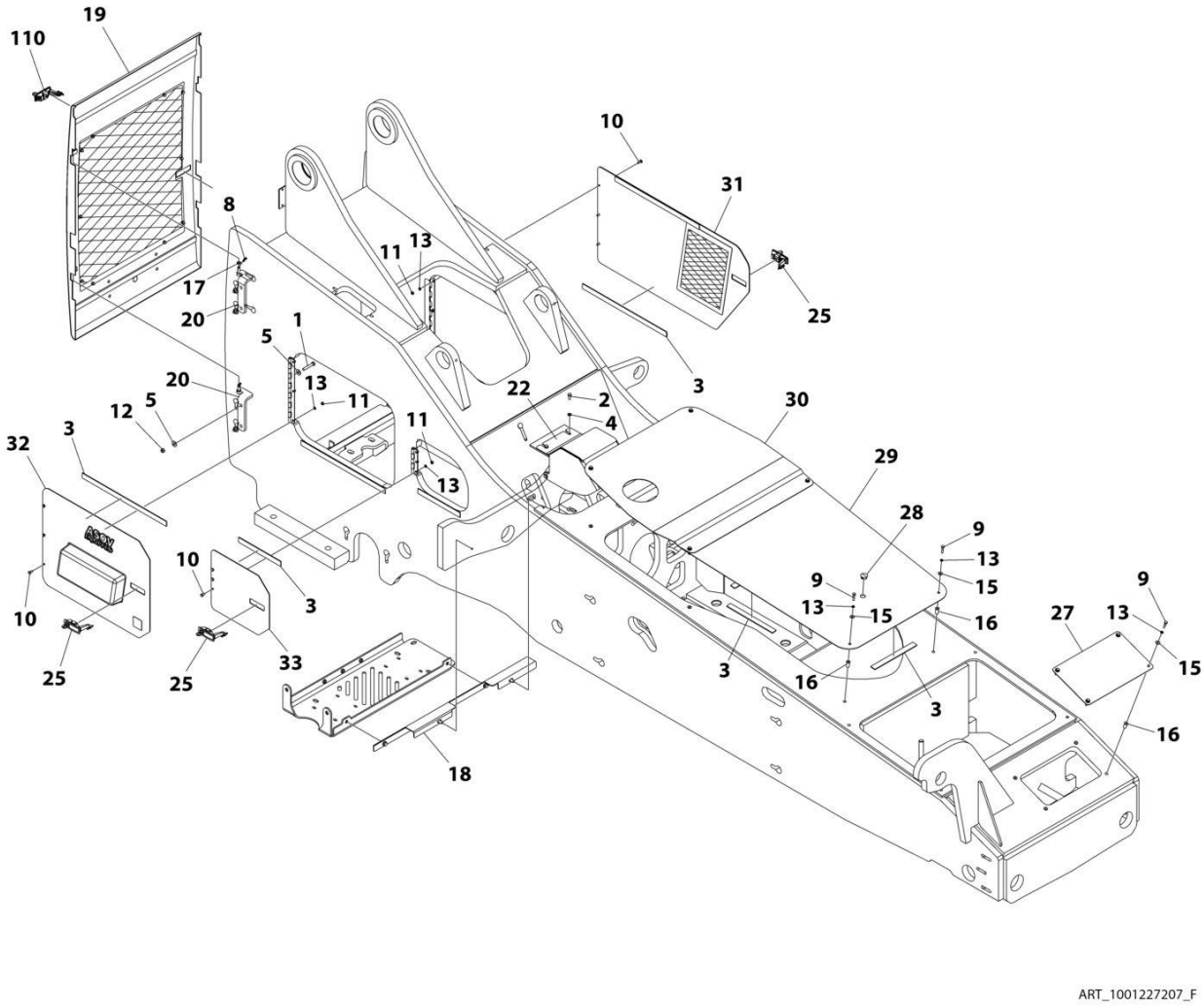


FIGURE 1-26. FRAME COVERS INSTALLATION (110HP ULS WITH AIR SHUT OFF VALVE) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227207	Ref	FRAME COVERS INSTALLATION	F
1	0641618	4	Bolt 3/8 x 2-1/4	
2	0760810	4	Bolt M8 x 20	
3	4420037	150 in	Tape, Insulation	
4	4811900	4	Washer M8	
5	8307204	8	Washer 3/8	
8	8302470	2	Pin, Hair	
9	8303615	10	Bolt 1/4 x 1-1/4	
10	8303729	9	Bolt 1/4 x 5/8	
11	8305004	9	Nut 1/4	
12	8305645	4	Nut 3/8	
13	8307002	19	Washer 1/4	
15	8307202	10	Washer 1/4	
16	8580420	10	Nut, Well	
17	10732150	2	Washer M10	
18	1001127864	1	Installation, Dust Shield (See Separate Breakdown in this Section)	
19	1001156283	1	Door, Rear (Includes Item 110)	O
20	1001159319	2	Mount, Rear Door	
22	1001169172	1	Cover, DEF Supply	
25	1001190341	3	Latch, Adjustable Trigger	
27	1001192390	1	Cover, Front	
28	3520030	1	Plug	
29	1001242035	1	Cover, Lower Transmission	
30	7139407	1	Cover, Upper Transmission	
31	1001169006	1	Panel, Left Side Access	
32	1001216291	1	Panel, Right Side Engine Access	
33	1001171385	1	Panel, Air Cleaner Access	
110	1001190341	1	Latch, Adjustable Trigger	

FIGURE 1-27. FRAME COVERS INSTALLATION (110HP LS) (8042)

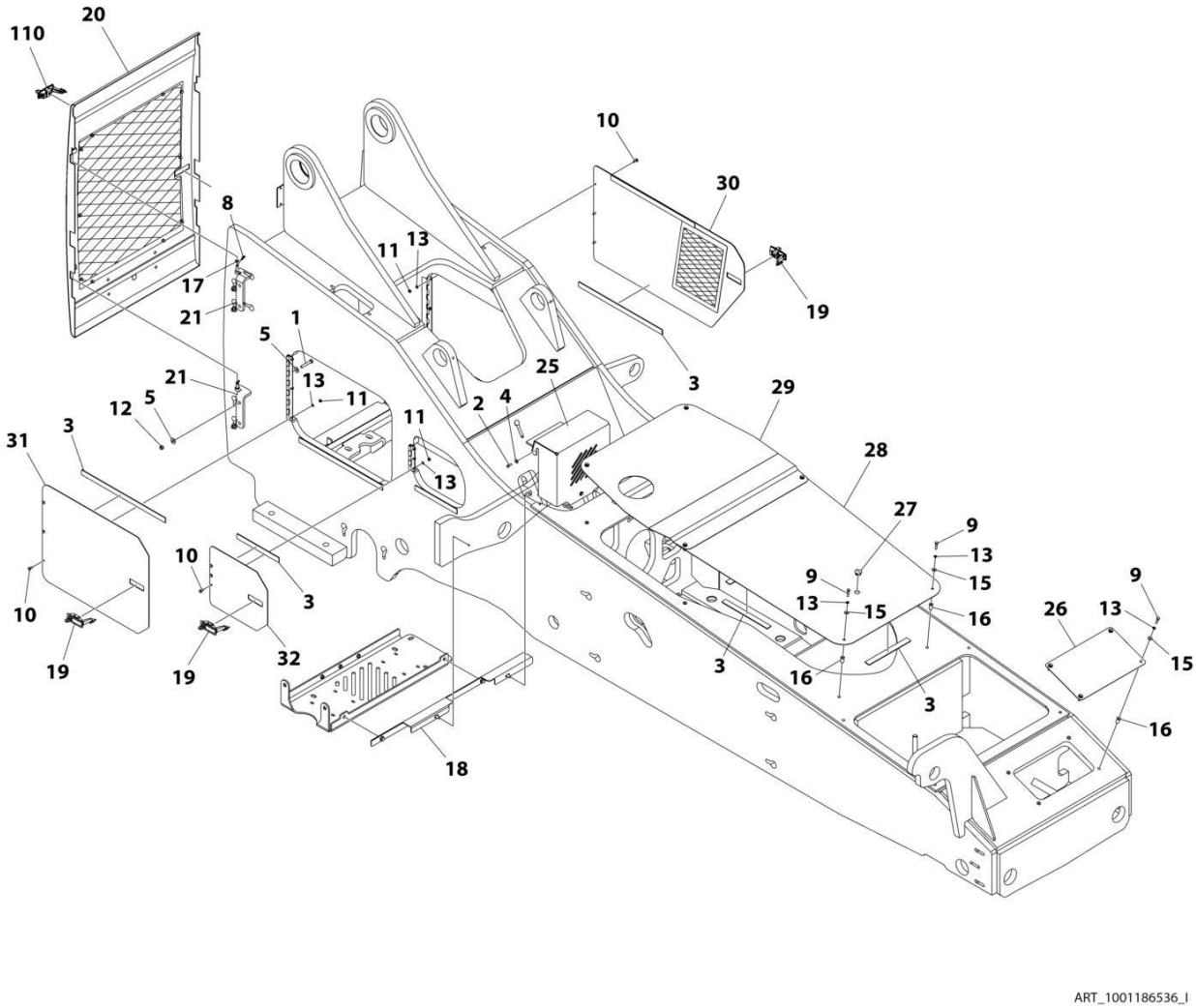


FIGURE 1-27. FRAME COVERS INSTALLATION (110HP LS) (8042)

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

FIGURE 1-28. FRAME COVERS INSTALLATION (74HP ULS) (10042,10054)

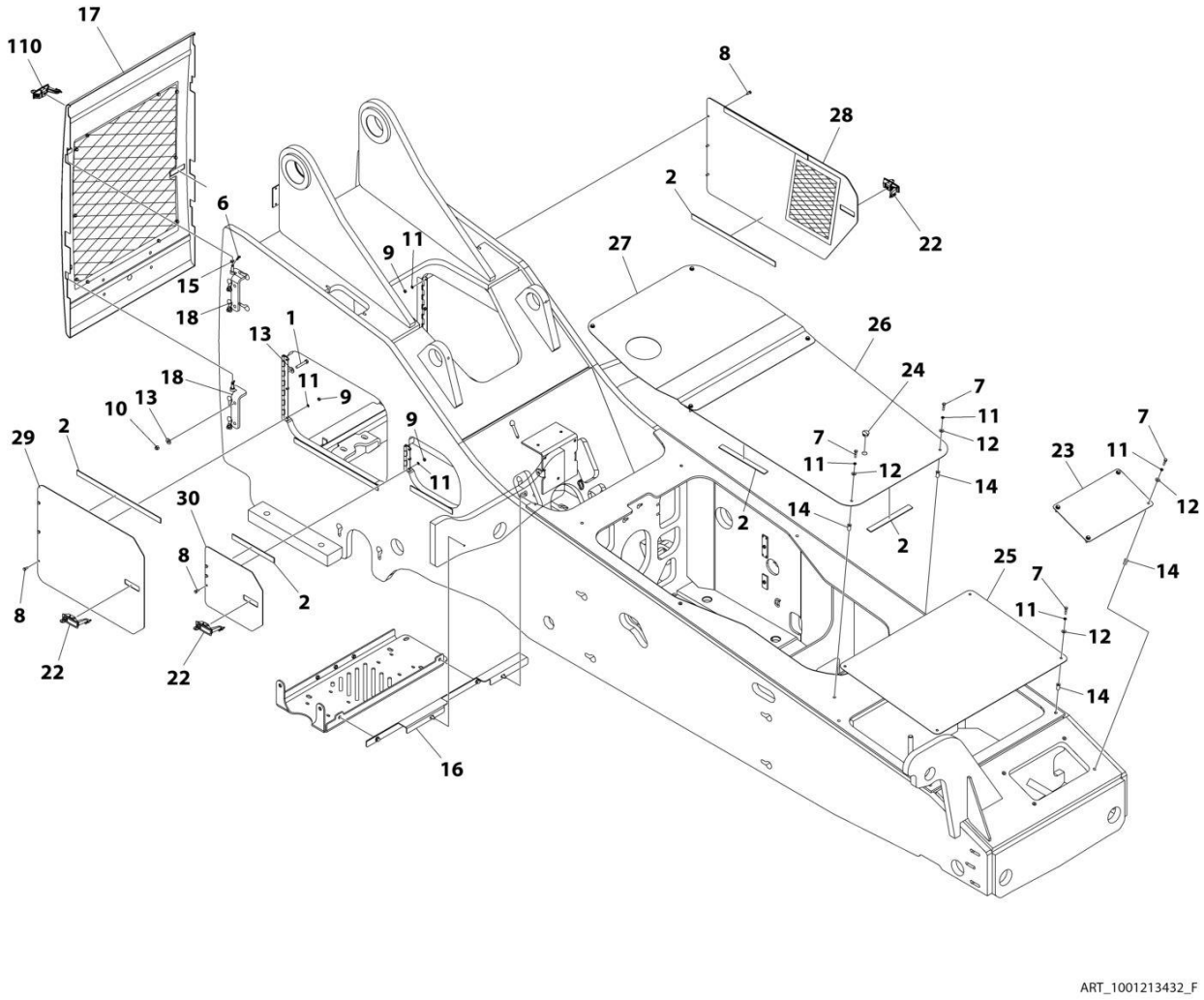


FIGURE 1-28. FRAME COVERS INSTALLATION (74HP ULS) (10042,10054)

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	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-29. FRAME COVERS INSTALLATION (74HP WITH AIR SHUT OFF VALVE) (10042,10054)

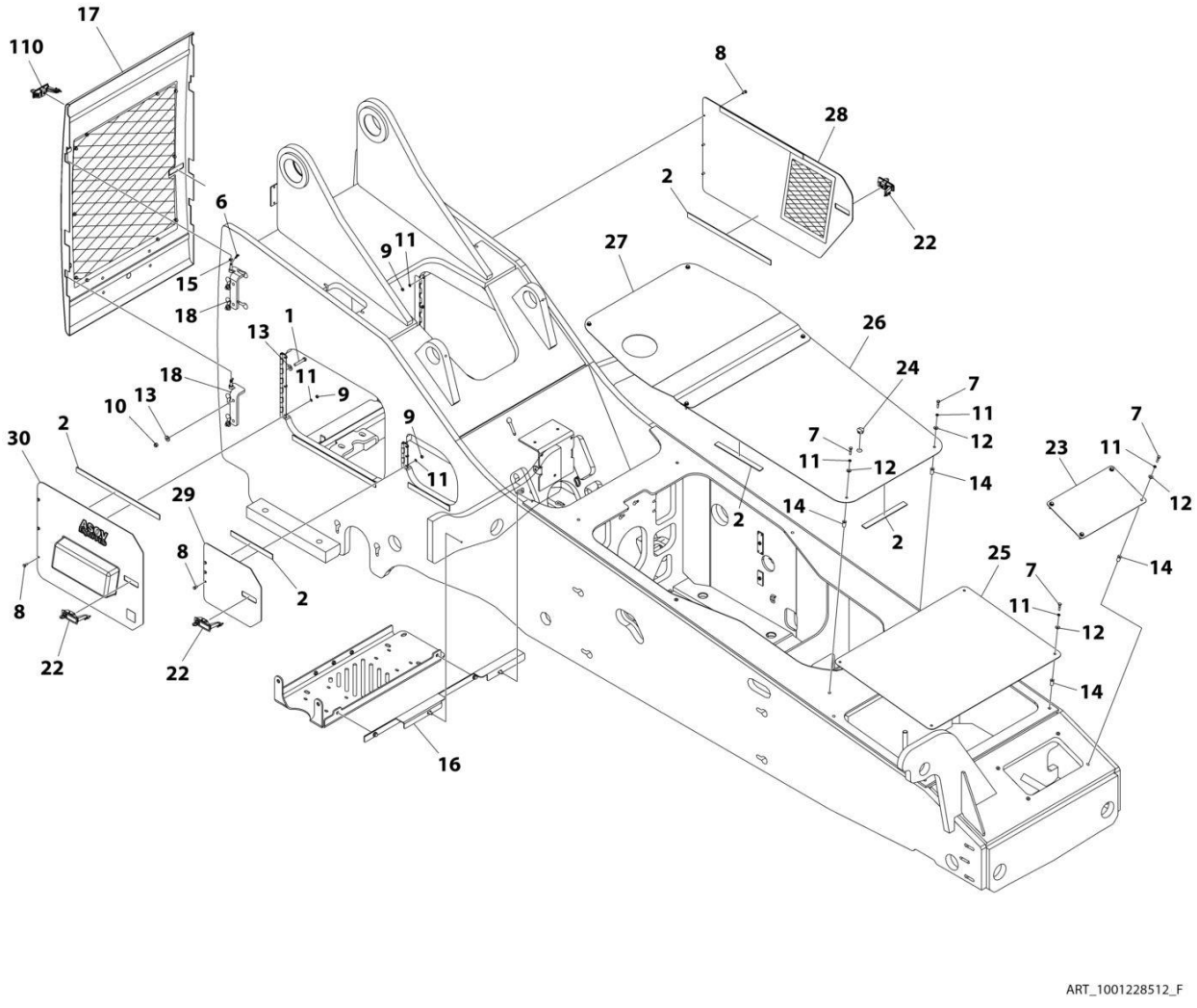


FIGURE 1-29. FRAME COVERS INSTALLATION (74HP WITH AIR SHUT OFF VALVE) (10042,10054)

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 1-30. FRAME COVERS INSTALLATION - 10042 & 10054 (110HP ULS) (10042,10054)

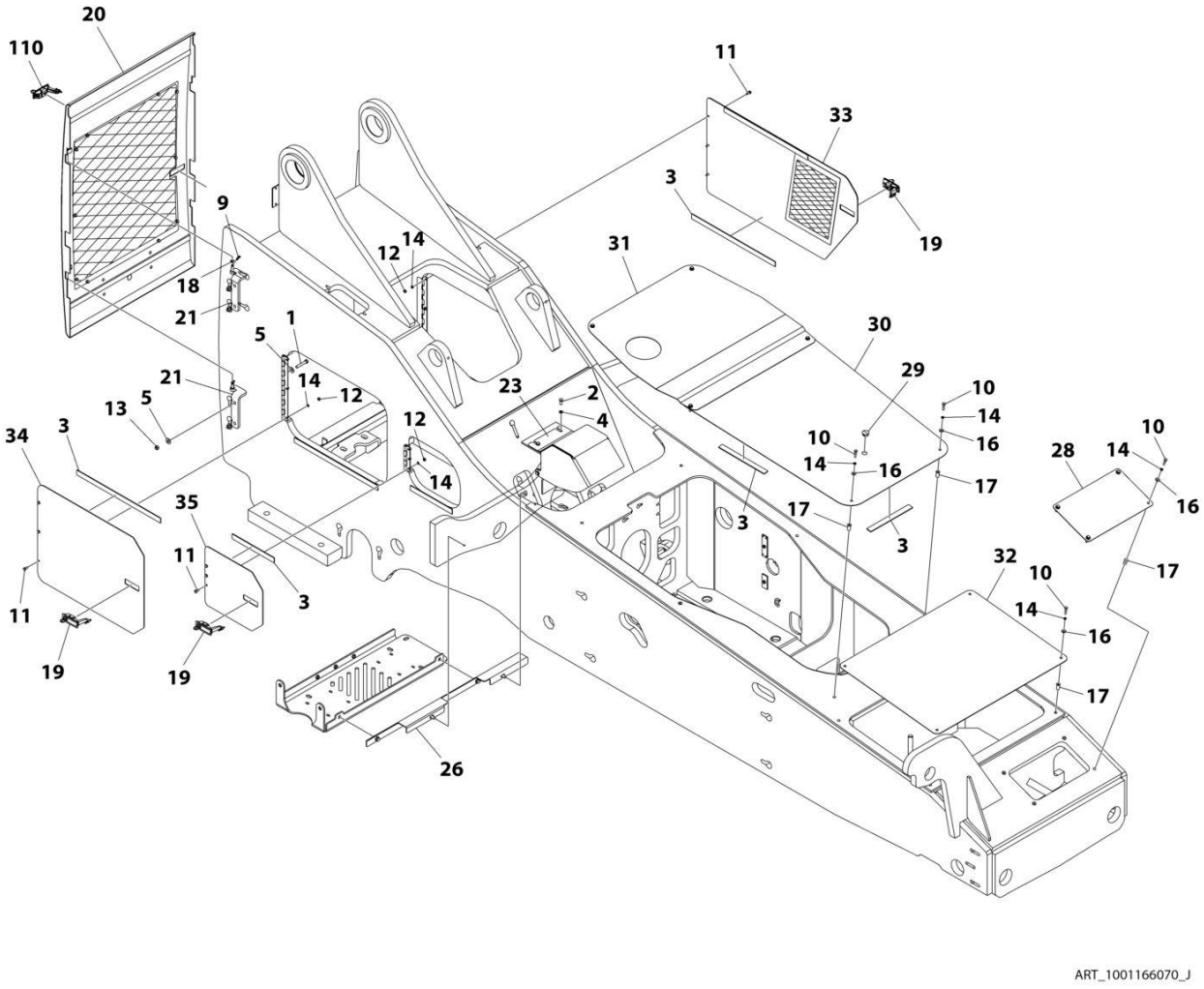


FIGURE 1-30. FRAME COVERS INSTALLATION - 10042 & 10054 (110HP ULS) (10042,10054)

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 1-31. FRAME COVERS INSTALLATION (110HP ULS WITH AIR SHUT OFF VALVE) (10042,10054)

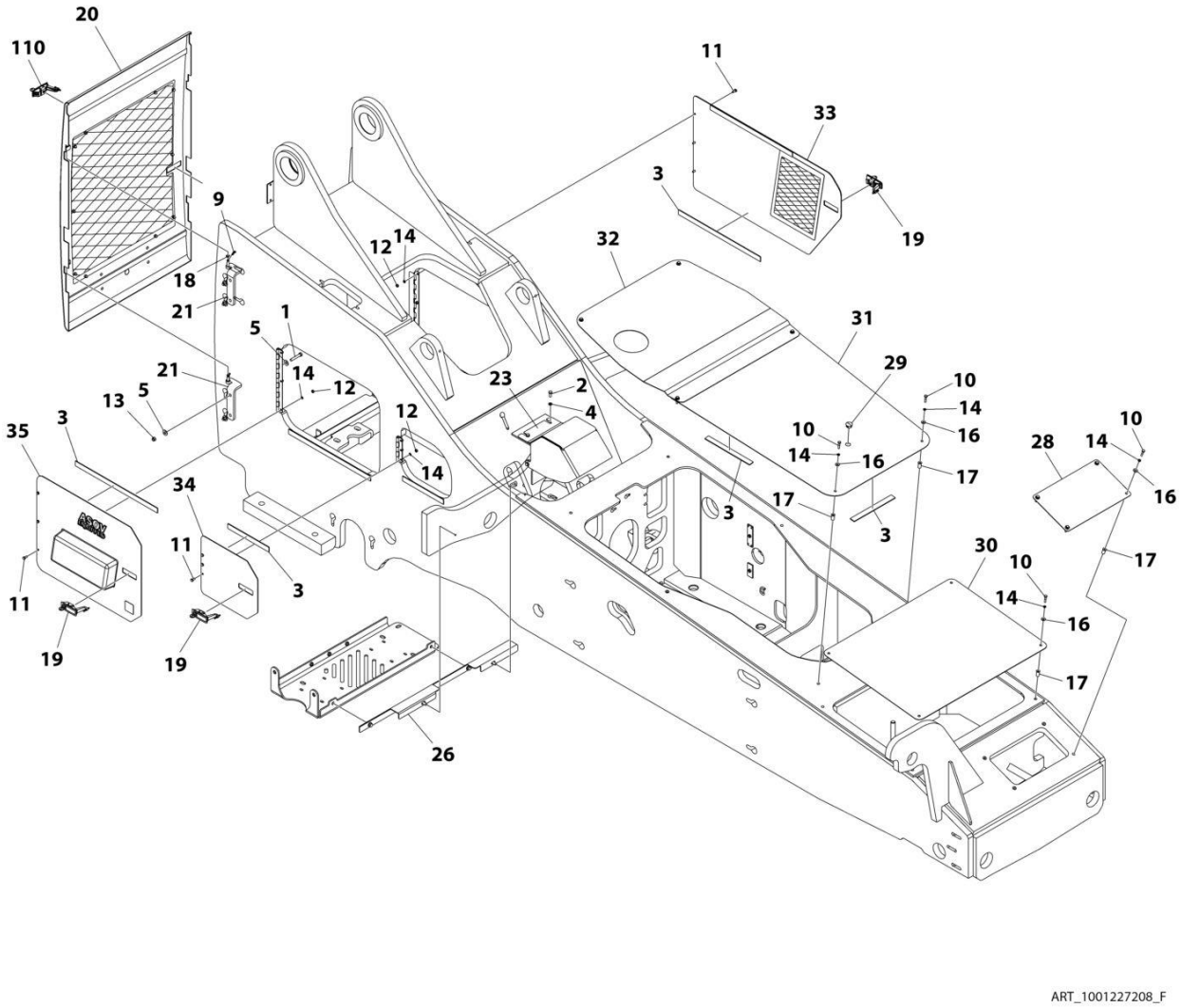


FIGURE 1-31. FRAME COVERS INSTALLATION (110HP ULS WITH AIR SHUT OFF VALVE) (10042,10054)

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 1-32. FRAME COVERS INSTALLATION (110HP LS) (10042,10054)

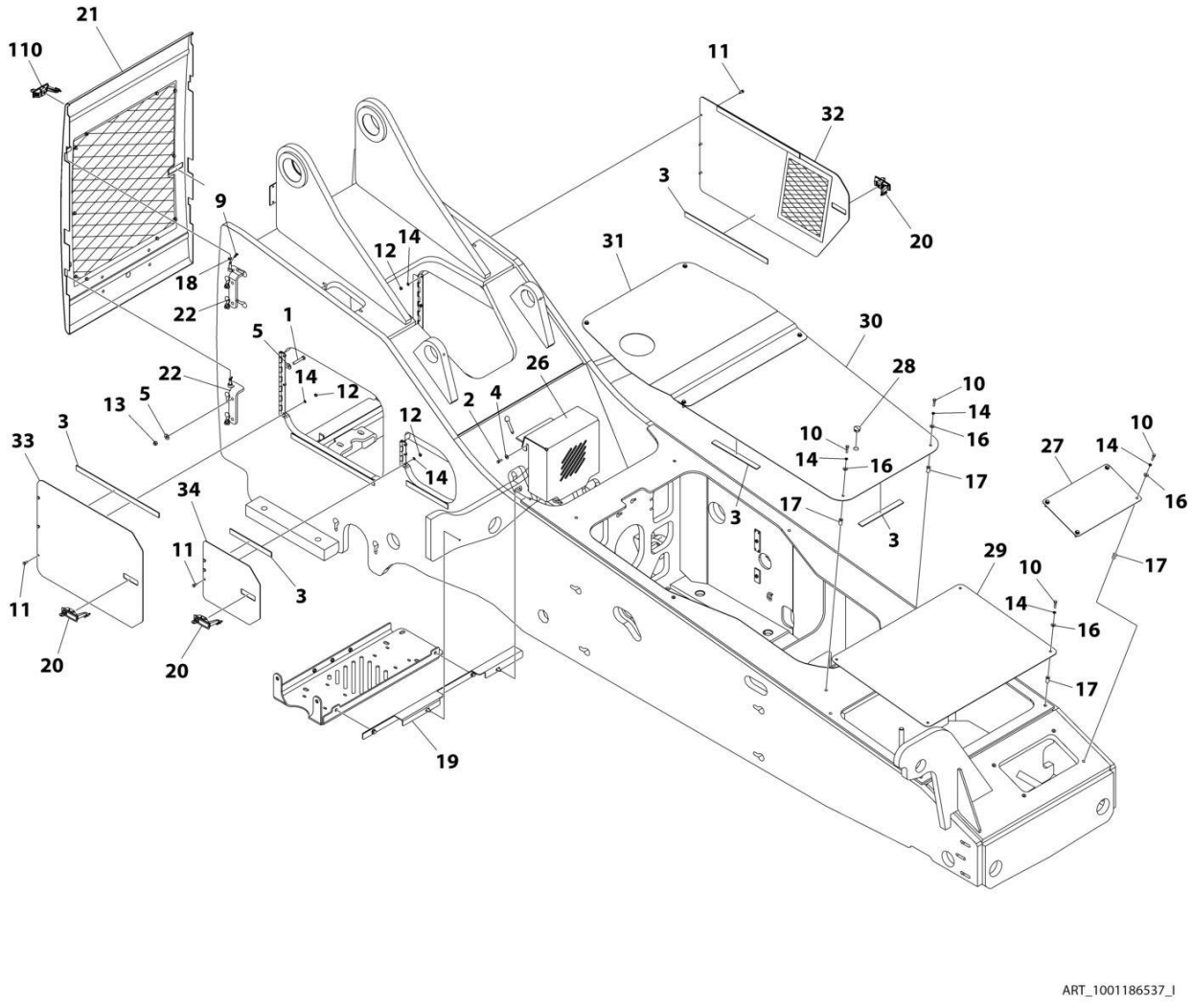


FIGURE 1-32. FRAME COVERS INSTALLATION (110HP LS) (10042,10054)

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 1-33. DUST SHIELD INSTALLATION

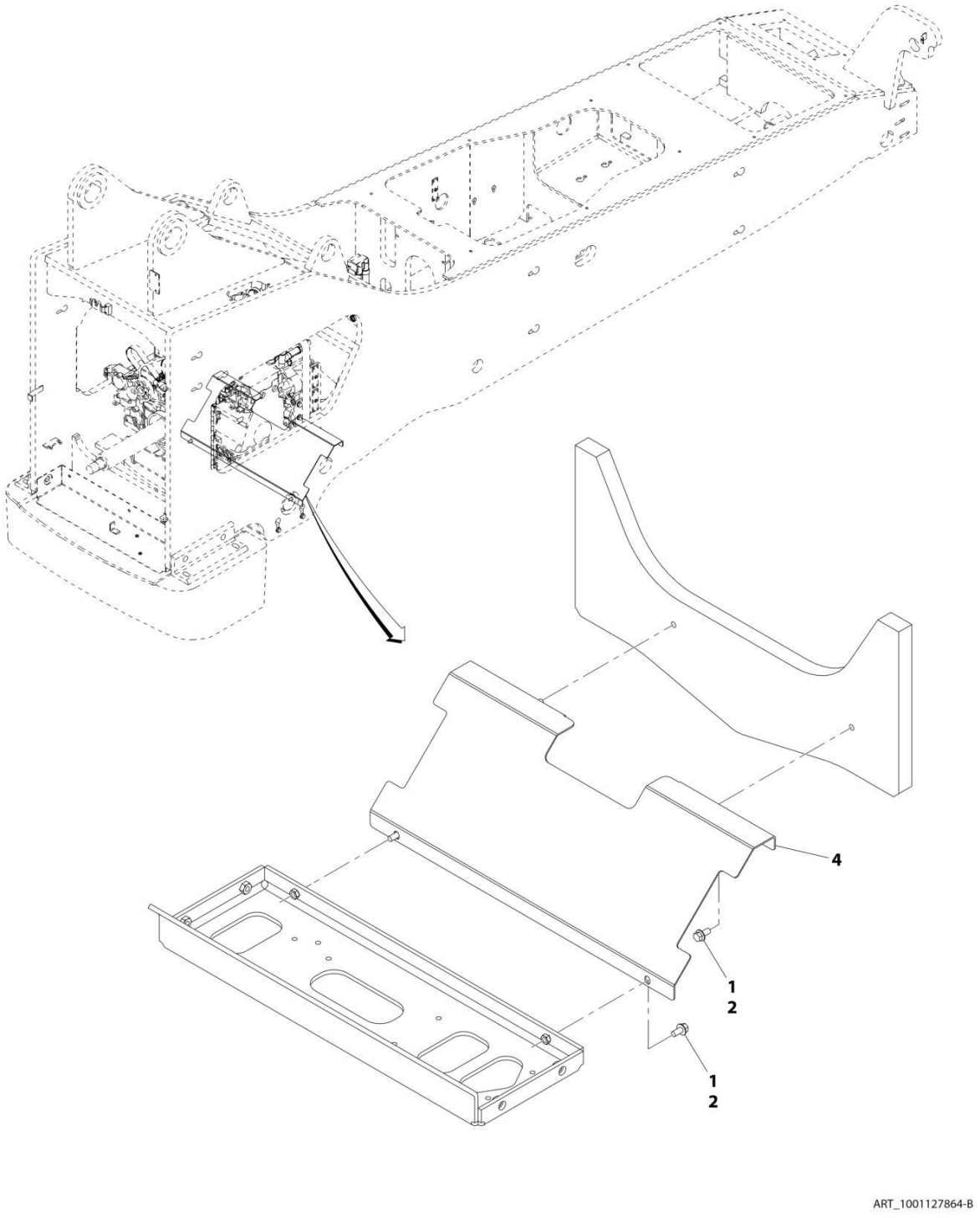


FIGURE 1-33. DUST SHIELD INSTALLATION

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 1-34. OUTRIGGER INSTALLATION (10042)

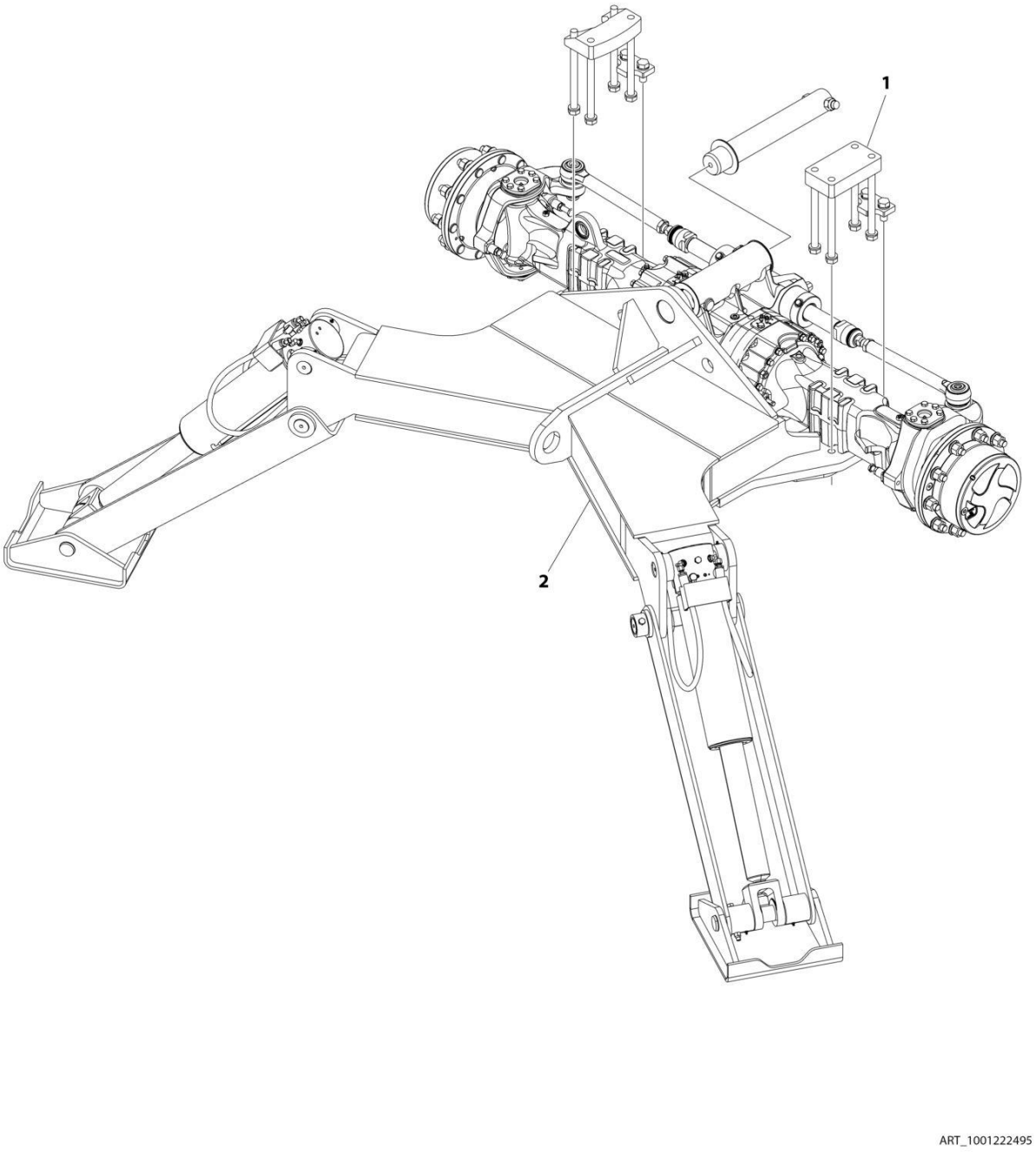


FIGURE 1-34. OUTRIGGER INSTALLATION (10042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222495	Ref	Outrigger Installation	C
1	1001222496	1	Installation, Outrigger Mounting (See Separate Breakdown in this Section)	
2	1001222497	1	Sub-Assembly, Outrigger (See Separate Breakdown in this Section)	

FIGURE 1-35. OUTRIGGER INSTALLATION (10054)

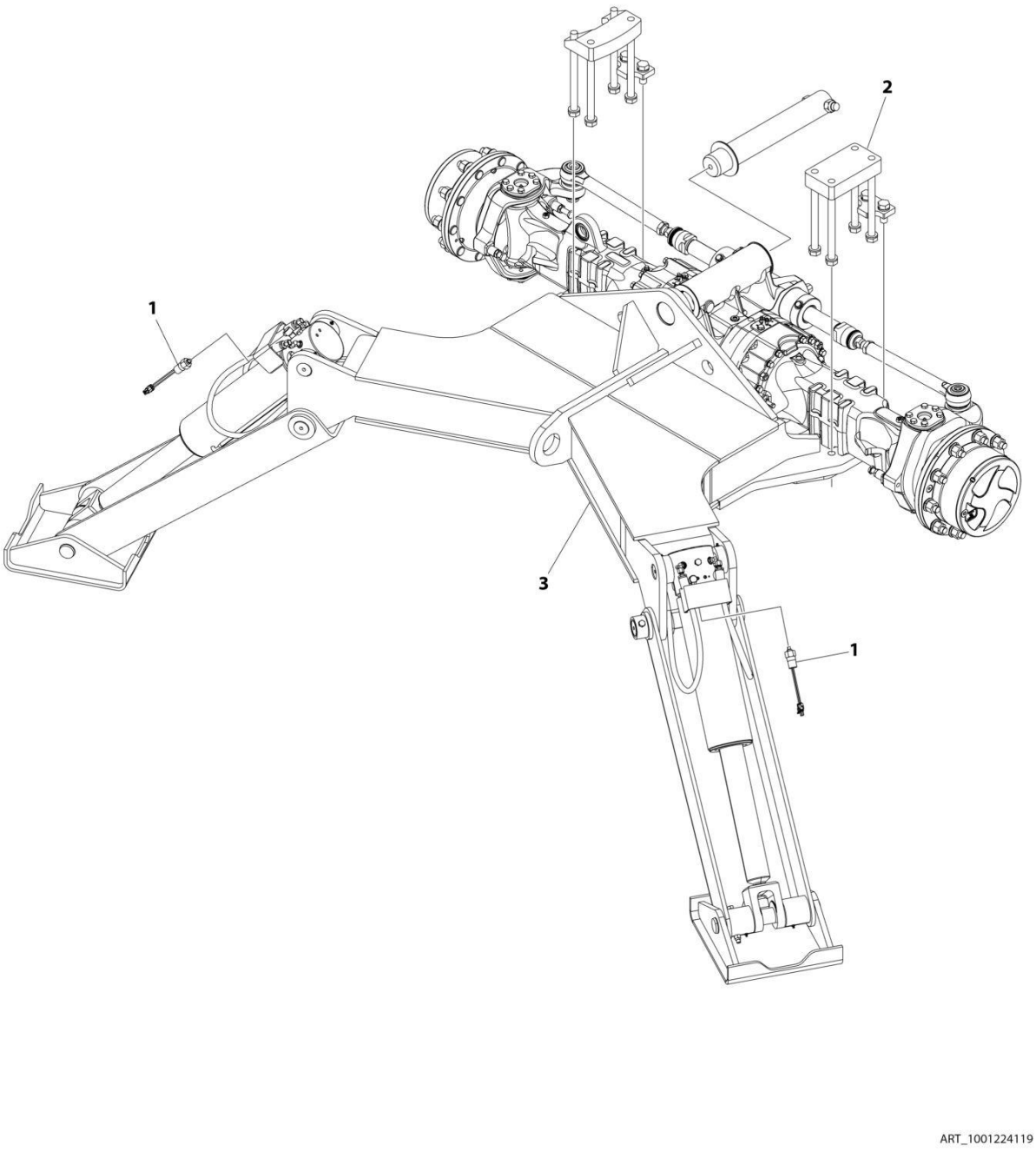


FIGURE 1-35. OUTRIGGER INSTALLATION (10054)

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 1-36. OUTRIGGER MOUNTING INSTALLATION (10042,10054)

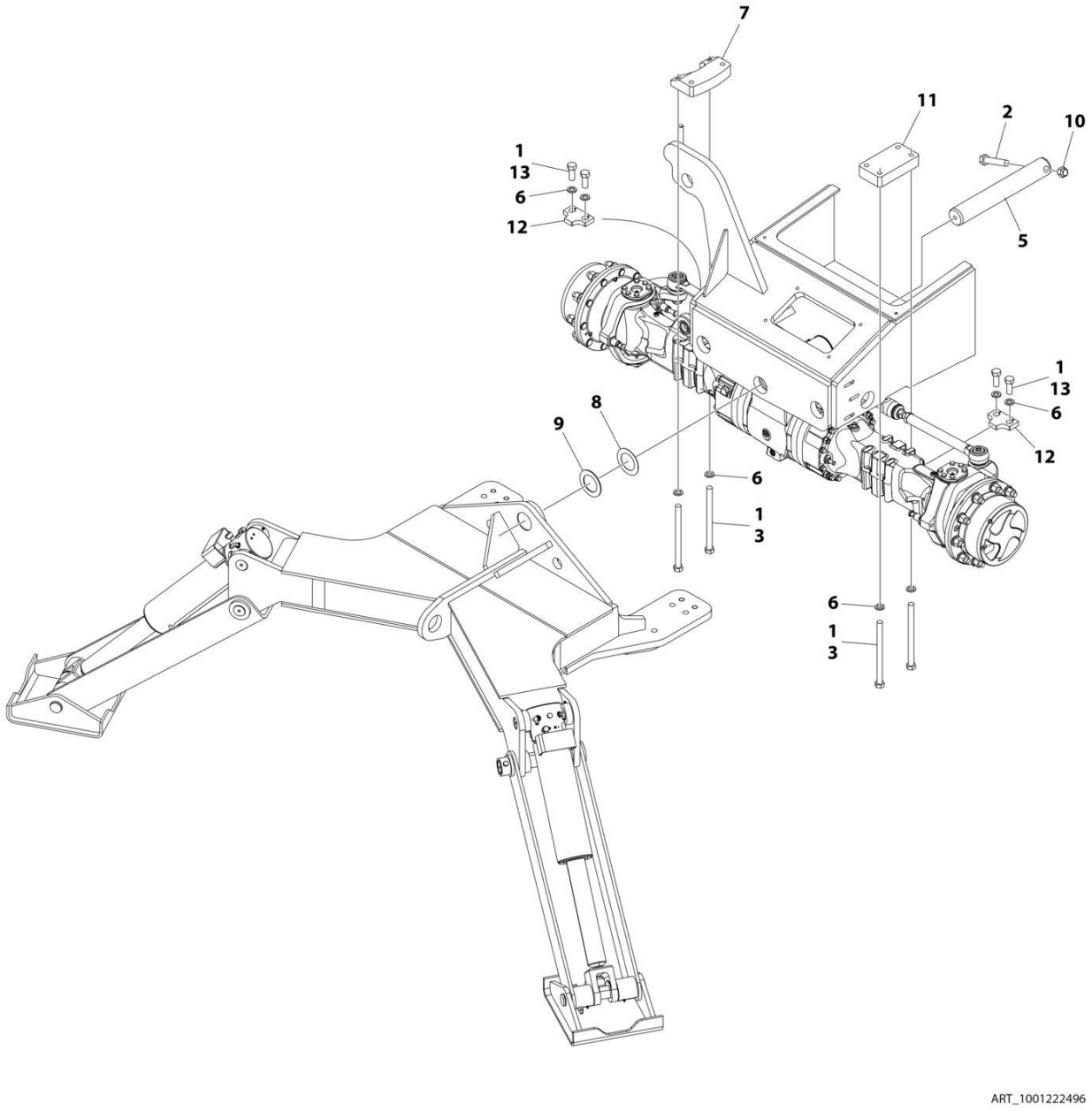


FIGURE 1-36. OUTRIGGER MOUNTING INSTALLATION (10042,10054)

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 1-37. OUTRIGGER SUB-ASSEMBLY (10042,10054)

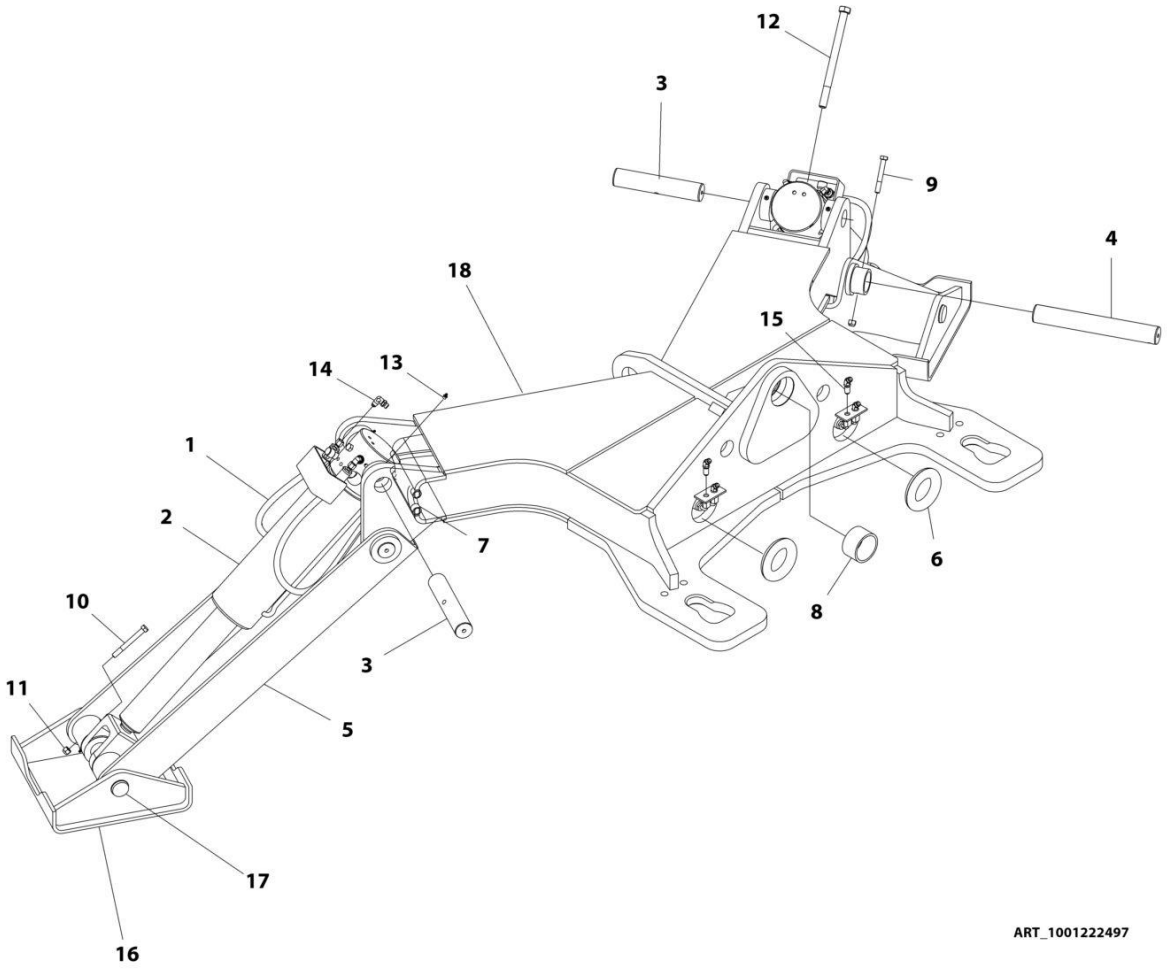


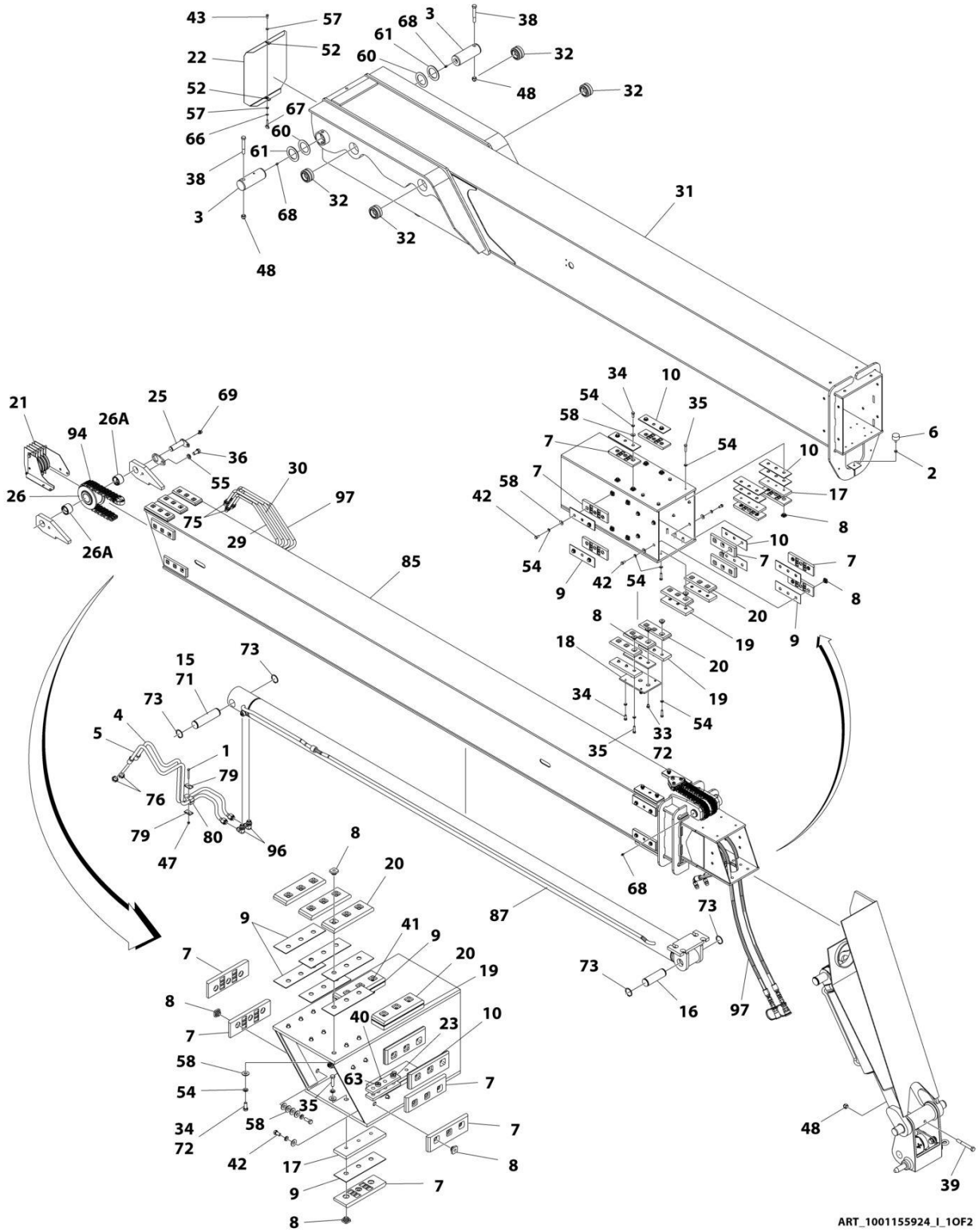
FIGURE 1-37. OUTRIGGER SUB-ASSEMBLY (10042,10054)

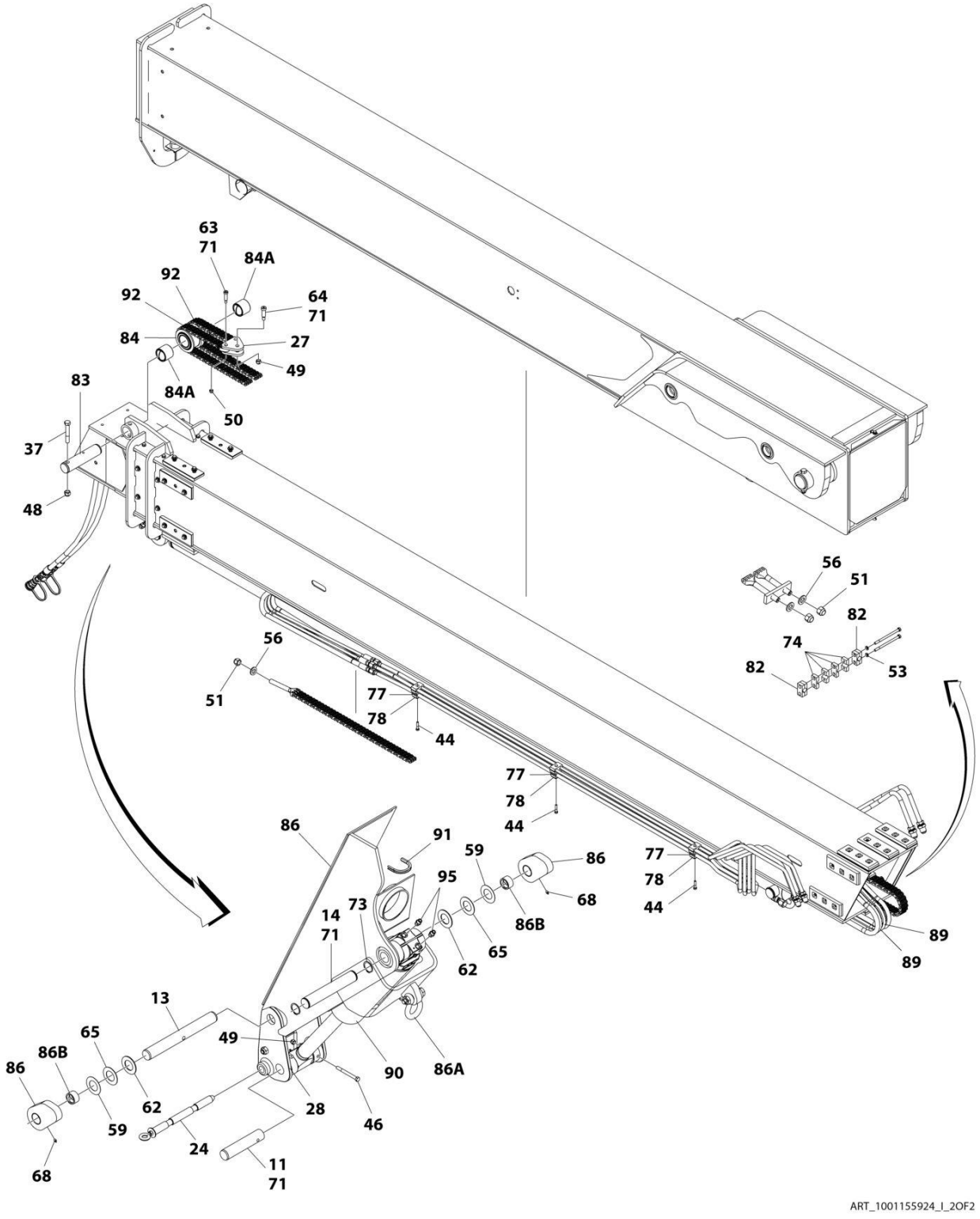
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222497	Ref	OUTRIGGER SUB-ASSEMBLY	C
1	2716709	4	Hose	
2	2717201	2	Cylinder, Outrigger (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
3	7090871	2	Pin, Cylinder Pivot Outrigger	
4	7090891	2	Pin, Leg Pivot Outrigger	
5	7091373	2	Leg, Outrigger	
6	7124491	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 (8042)





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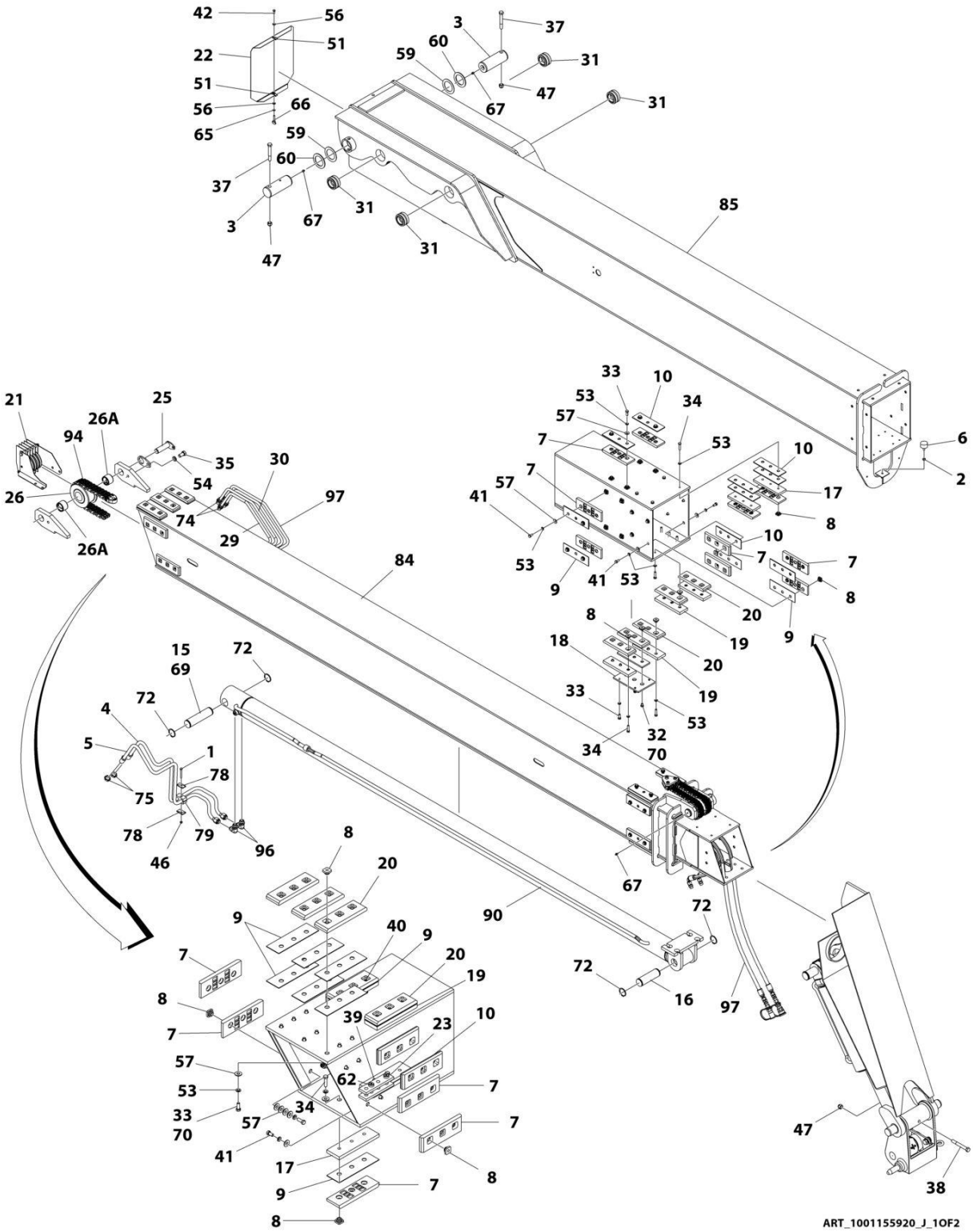
SECTION 2 - BOOM

FIGURE 2-1. BOOM INSTALLATION (8042)

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	8305645	4	Nut 3/8	
51	8305646	3	Nut 3/4	
52	8305906	2	Nut, Retainer 5/16	
53	8307004	2	Washer 5/16	
54	8307005	74	Washer 3/8	
55	8307007	1	Washer 1/2	
56	8307104	3	Washer 3/4	
57	8307106	2	Washer 5/16	
58	8307204	52	Washer 3/8	
59	8307904	AR	Washer, Shim	
60	8307910	AR	Washer, Shim	
61	8307911	AR	Washer, Shim	
62	8307918	2	Washer, Shim	
63	8310019	4	Screw 1/2X1-1/2	
64	8310020	1	Screw 5/8X1-1/2	
65	8310093	AR	Washer, Shim	
66	8310431	1	Washer 5/16	
67	8310497	1	Screw, Thumb 5/16X1-1/2	
68	8520001	5	Fitting, Straight Lube	
69	8520003	1	Fitting, 90 Lube	
71	8522012	AR	Lube, Anti-Seize	
72	8526007	AR	Compound, Thread Locking	
73	8642224	6	Ring, Retaining	
74	8750003	4	Clamp, Half	
75	8760465	2	Adapter, Bulkhead Nut	
76	8760468	2	Adapter, Bulkhead Nut	
77	8769122	3	Clamp Set, Twin	
78	8769123	3	Cover Plate, Twin	
79	8769128	2	Cover Plate, Twin	
80	8769139	1	Clamp Set, Twin	
82	8769161	2	Clamp, Half	
83	1001097735	1	Pin, Extend Chain Sheave	
84	1001101845	1	Sheave Assembly	
84A	7126662	2	Bushing	
85	1001155921	1	Boom, Second Section	
86	1001210819	1	Boom, Fly (10054,8042)	
86A	1001204045	1	Clevis	
86B	7095312	2	Bushing	
87	1001156011	1	Cylinder, Extend/Retract (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
89	2713452	2	Hose	
90	1001180763	1	Cylinder, Fork Tilt (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
91	7125811	1	Conduit	
92	7139690	2	Assembly, Extend Chain and Clevis (See Separate Breakdown in this Section)	
94	7139692	1	Assembly, Retract Chain and Clevis (See Separate Breakdown in this Section)	
95	2220373	2	Adapter, Straight	
96	2220578	2	Adapter, 90	
97	7300678	1	Installation, Boom Auxiliary Hydraulics (See Separate Breakdown in this Section)	

FIGURE 2-2. BOOM INSTALLATION (10042)



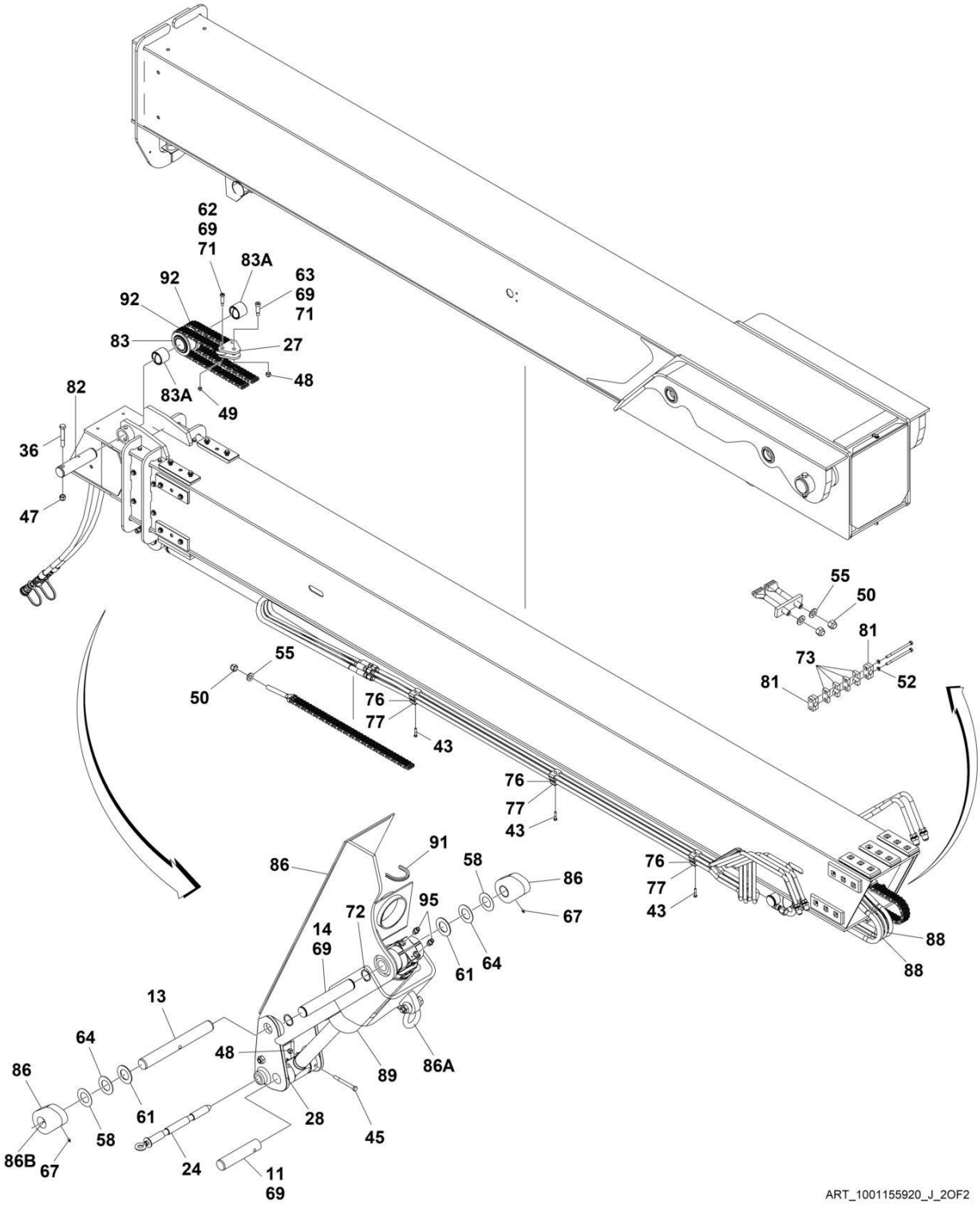

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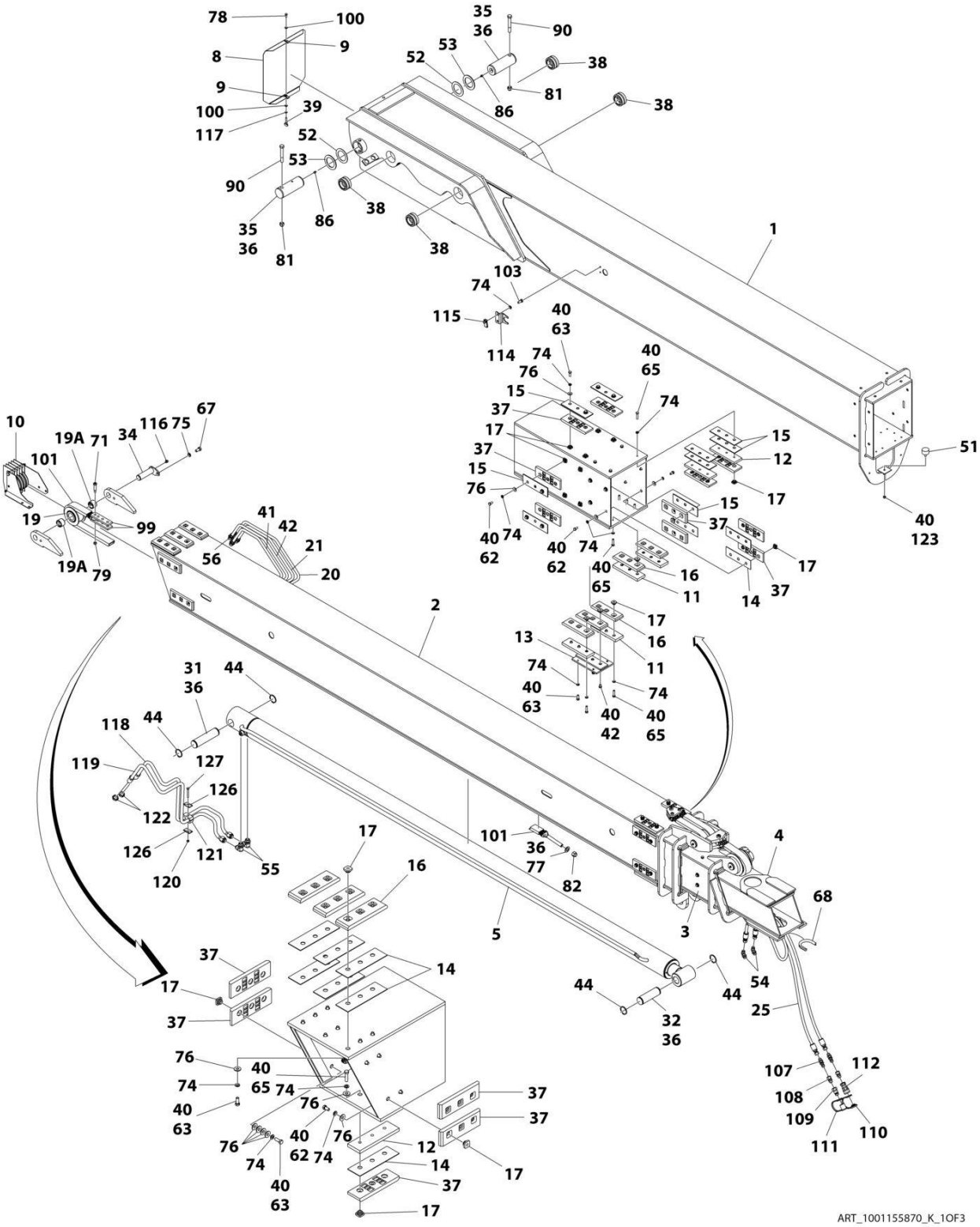
FIGURE 2-2. BOOM INSTALLATION (10042)

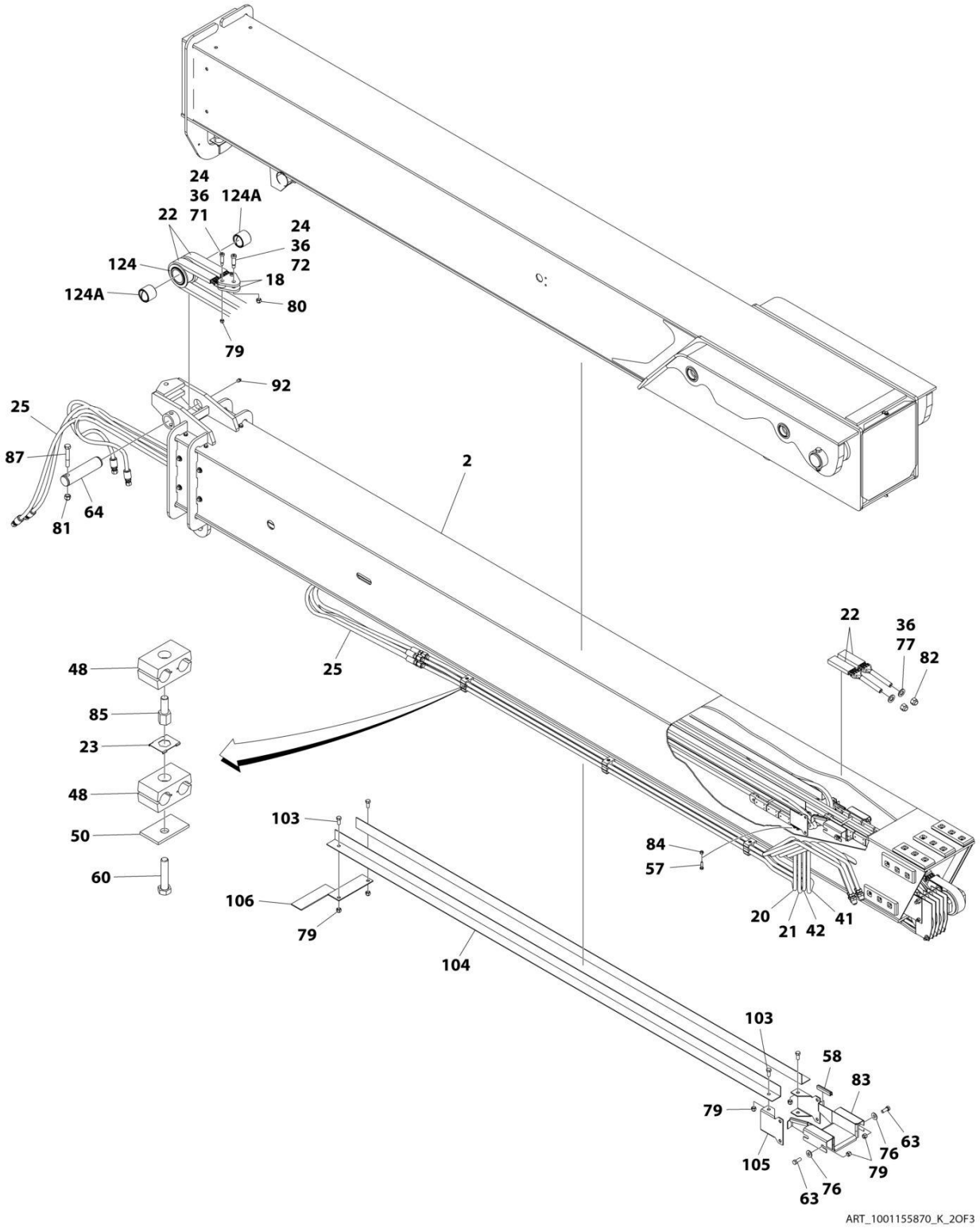
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155920	Ref	Boom Installation	J
1	0641520	1	Bolt, 5/16X2-1/2	
2	3311601	1	Nut, 3/8	
3	3423226	2	Pin, Boom Pivot	
4	3460383	1	Tube	
5	3460384	1	Tube	
6	5724622	1	Bumper, Rubber	
7	7079572	22	Pad, Wear	
8	7082311	73	Insert, Wear Pad	
9	7082342	AR	Shim, Wear Pad	
10	7082362	AR	Shim, Wear Pad	
11	7083992	1	Pin, Rod End	
13	7095352	1	Pin, Carriage Pivot	
14	7095522	1	Pin, Base End	
15	7096552	1	Pin, Base End	
16	7096562	1	Pin, Rod End	
17	7096702	4	Spacer, Wear Pad	
18	7096772	1	Spacer, Wear Pad	
19	7096882	6	Spacer, Wear Pad	
20	7111572	10	Pad, Wear	
21	7116733	1	Assembly, Hose Pulley (See Separate Breakdown in this Section)	
22	7116792	1	Cover	
23	7117031	2	Link	
24	7118892	1	Assembly, Lock Pin (See Separate Breakdown in this Section)	
25	7138977	1	Pin, Retract Chain Sheave	
26	7138986	1	Sheave, Retract Chain	
26A	7138979	2	Bushing	
27	7139180	2	Yoke, Extend Chain	
28	1001242996	1	Assembly, Quick Attach (See Separate Breakdown in this Section)	
29	7300672	1	Tube	
30	7300673	1	Tube	
31	8065640	4	Bearing, Self-Align	
32	8303041	3	Bolt, 3/8X1/2	
33	8303620	18	Bolt, 3/8X1	
34	8303621	18	Bolt, 3/8X1-1/2	
35	8303624	1	Bolt, 1/2X1	
36	8303634	1	Bolt, 5/8X4	
37	8303655	2	Bolt, 5/8X4-1/2	
38	8303666	1	Bolt, 5/8X5	
39	8303675	2	Bolt, 3/8X1-1/4	
40	8303679	6	Bolt, 3/8X1-3/4	
41	8303681	30	Bolt, 3/8X3/4	
42	8303697	1	Bolt, 5/16X3/4	
43	8303715	3	Bolt, 5/16X1-1/2	
45	8303772	1	Bolt, 1/2X5	
46	8305626	1	Nut 5/16	
47	8305643	4	Nut 5/8	
48	8305644	2	Nut 1/2	
49	8305645	4	Nut 3/8	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	8305646	3	Nut 3/4	
51	8305906	2	Nut, Retainer 5/16	
52	8307004	2	Washer 5/16	
53	8307005	74	Washer 3/8	
54	8307007	1	Washer 1/2	
55	8307104	3	Washer 3/4	
56	8307106	2	Washer 5/16	
57	8307204	52	Washer 3/8	
58	8307904	AR	Washer, Shim	
59	8307910	AR	Washer, Shim	
60	8307911	AR	Washer, Shim	
61	8307918	2	Washer, Shim	
62	8310019	4	Screw, Shoulder 1/2X1-1/2	
63	8310020	1	Screw, Shoulder 5/8X1-1/2	
64	8310093	AR	Washer, Shim	
65	8310431	1	Washer 5/16	
66	8310497	1	Screw, Thumb 5/16-18X1-1/2	
67	8520001	5	Fitting, Straight Lube	
69	8522012	AR	Lube, Anti-Seize	
70	8526007	AR	Compound, Thread Locking	
71	8526406	AR	Sealant, Varnish	
72	8642224	6	Ring, Retaining	
73	8750003	4	Clamp, Half 5/8	
74	8760465	2	Adapter, Bulkhead Nut	
75	8760468	2	Adapter, Bulkhead Nut	
76	8769122	3	Clamp Set, Twin	
77	8769123	3	Cover Plate, Twin	
78	8769128	2	Cover Plate, Twin	
79	8769139	1	Clamp Set, Twin	
81	8769161	2	Clamp, Half	
82	1001097735	1	Pin, Extend Chain Sheave	
83	1001101845	1	Sheave Assembly	
83A	7126662	2	Bushing	
84	1001155921	1	Boom, Second Section	
85	7302010	1	Boom, First Section	
86	1001210819	1	Boom, Fly (10042,8042)	
86A	1001204045	1	Clevis	
86B	7095312	2	Bushing	
88	2713452	2	Hose	
89	1001180763	1	Cylinder, Fork Tilt (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
90	1001156010	1	Cylinder, Extend/Retract (See Separate breakdown in HYDRAULIC COMPONENTS Section)	
91	7125811	1	Conduit	
92	7139690	2	Assembly, Extend Chain and Clevis (See Separate Breakdown in this Section)	
94	7139692	1	Assembly, Retract Chain and Clevis (See Separate Breakdown in this Section)	
95	2220373	2	Adapter, Straight	
96	2220578	2	Adapter, 90	
97	7300678	1	Installation, Boom Auxiliary Hydraulics (See Separate Breakdown in this Section)	

SECTION 2 - BOOM

FIGURE 2-3. BOOM INSTALLATION (10054)




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SECTION 2 - BOOM

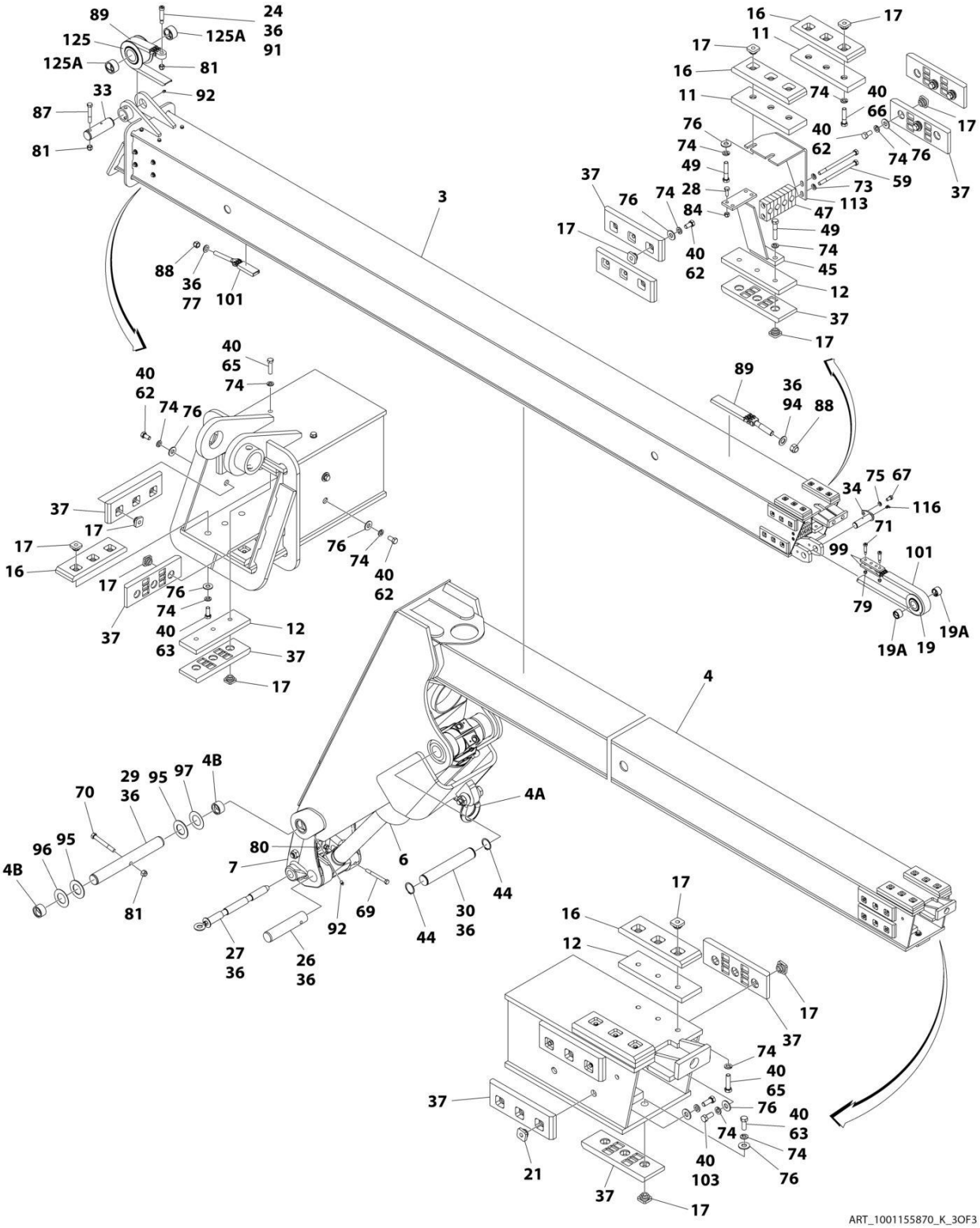


FIGURE 2-3. BOOM INSTALLATION (10054)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155870	Ref	Boom Installation	K
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	2	Bushing	
5	1001156009	1	Extend/Retract Cylinder (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
6	1001180763	1	Fork Tilt Cylinder (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
7	1001242996	1	Quick Attach Assembly (See Separate Breakdown in this Section)	
8	7116792	1	Cover	
9	8305906	2	Nut, Retainer 5/16	
10	7116733	1	Hose Pulley Assembly (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	Extend Chain and Clevis Assembly (See Separate Breakdown in this Section)	
23	8750017	3	Lock Plate, Twin Clamp	
24	8526406	AR	Sealant, Varnish	
25	7112452	1	Hose and Carrier Assembly (See Separate Breakdown in this Section)	
26	7083992	1	Pin, Rod End	
27	7118892	1	Lock Pin Assembly (See Separate Breakdown in this Section)	
28	8310026	4	Bolt 1/4 X 3/4	
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 5/16 X 1-1/2	
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 3/8 X 2	
50	8769123	3	Cover Plate, Twin	
51	5724622	1	Bumper, Rubber	
52	8307910	AR	Washer, Shim	
53	8307911	AR	Washer, Shim	
54	2220500	2	Fitting, 45	
55	2220578	2	Fitting, 90	
56	8760465	4	Adapter, Bulkhead Nut	
57	8303540	4	Bolt 1/4 X 1	
58	5746411	2	Moulding	
59	8310081	2	Bolt 5/16 X 5	
60	8303715	3	Bolt 5/16 X 1-1/2	
61	8303041	3	Bolt 3/8 X 1/2	
62	8303681	38	Bolt 3/8 X 3/4	
63	8303620	34	Bolt 3/8 X 1	
64	1001097735	1	Pin, Extend Chain Sheave	
65	8303621	28	Bolt 3/8 X 1-1/2	
66	8303679	4	Bolt 3/8 X 1-3/4	
67	8303624	2	Bolt 1/2 X 1	
68	7125811	1	Conduit	
69	8303772	1	Bolt 1/2 X 5	
70	8303666	1	Bolt 5/8 X 5	
71	8310019	6	Screw 1/2 X 3/8	
72	8310020	1	Screw 5/8 X 1/2	
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 5/16 X 3/4	
79	8305645	12	Nut 3/8	
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	
87	8303634	2	Bolt 5/8 X 4	
88	8310210	1	Nut 1	
89	7139693	1	Extend Chain and Clevis Assembly (See Separate Breakdown in this Section)	
90	8303655	2	Bolt 5/8 X 4-1/2	
91	8310205	1	Bolt 3/4 X 5/8	
92	8520001	4	Fitting, Straight	
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	Retract Chain and Clevis Assembly (See Separate Breakdown in this Section)	
102	8526048	AR	Sealant (Not Shown)	
103	8303738	8	Bolt 3/8 X 7/8	
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 3/8	
116	8520003	2	Fitting, 90	
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 5/16 X 2-1/2	

FIGURE 2-4. HOSE PULLEY ASSEMBLY

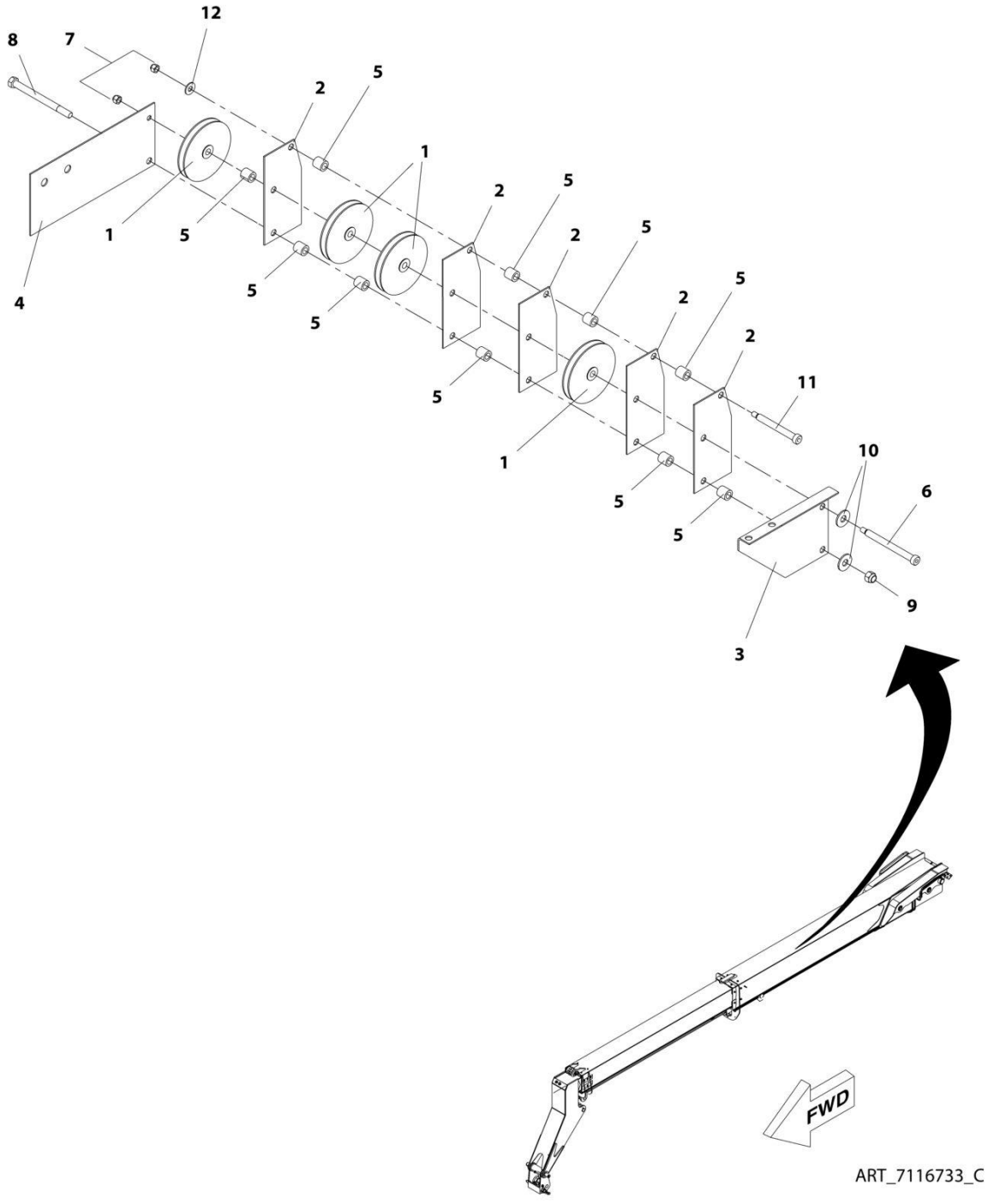


FIGURE 2-4. HOSE PULLEY ASSEMBLY

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

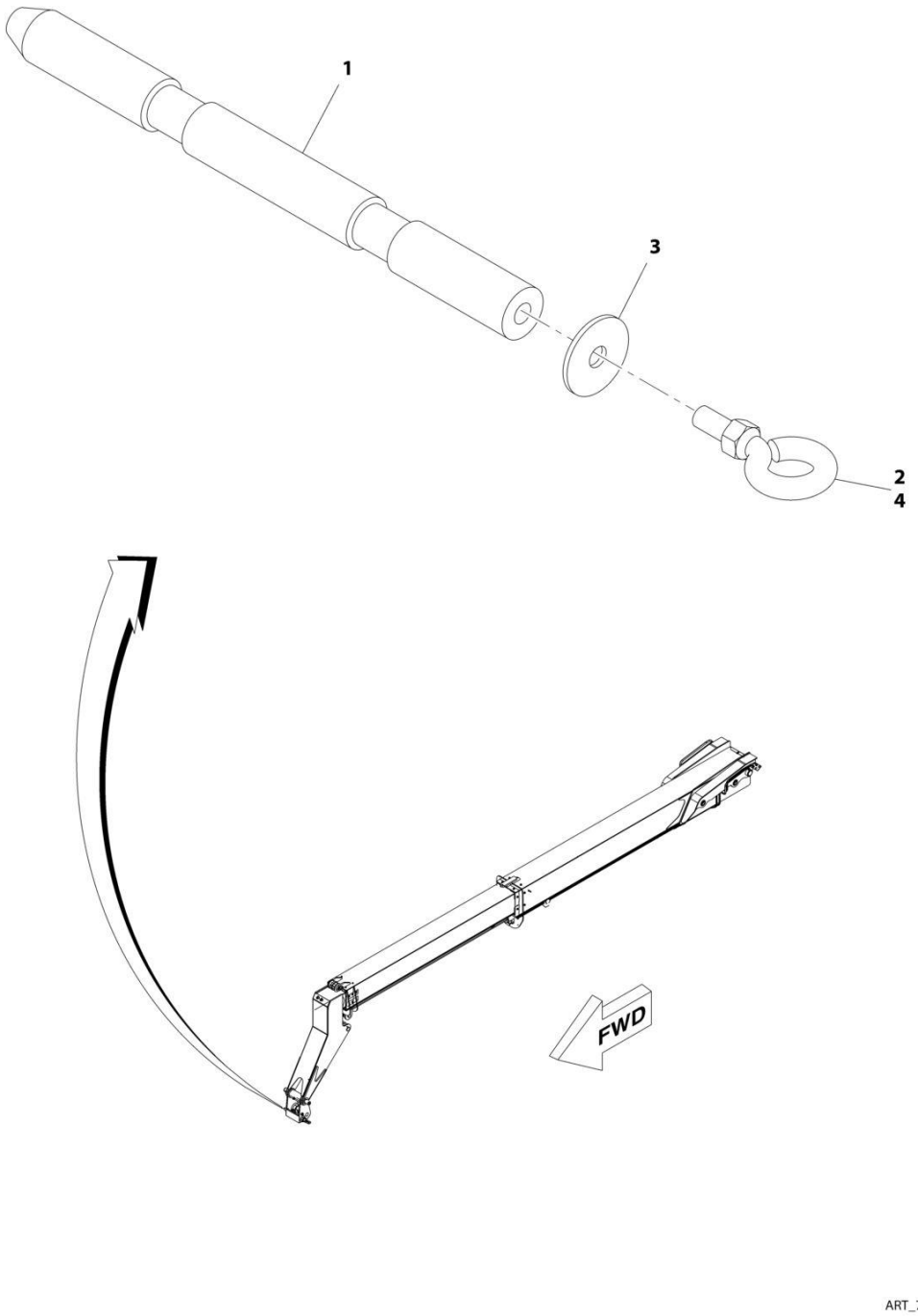
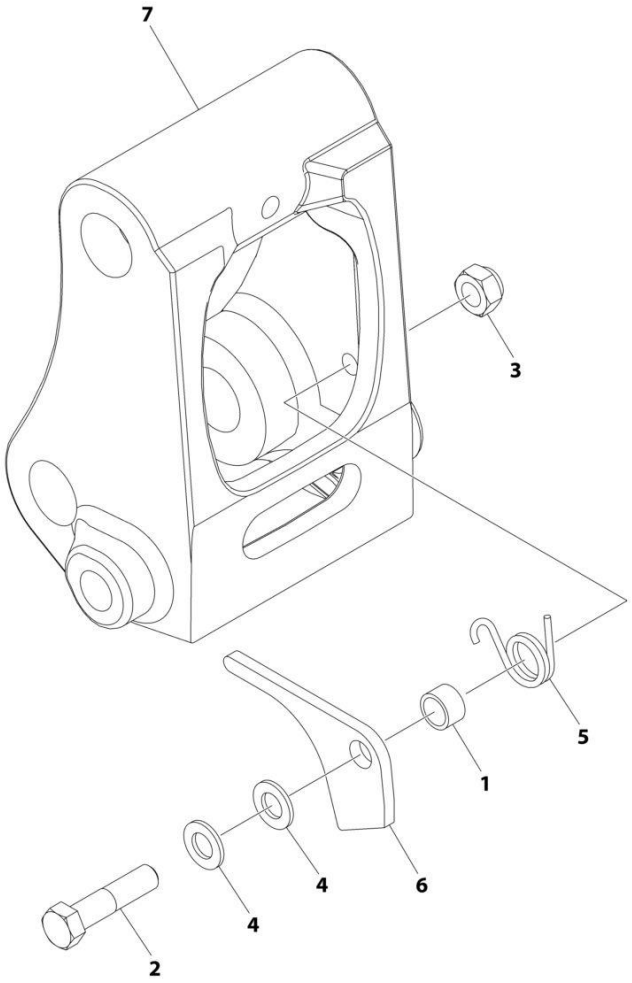


FIGURE 2-5. LOCK PIN ASSEMBLY

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. BUSHING SHEAVE INSTALLATION

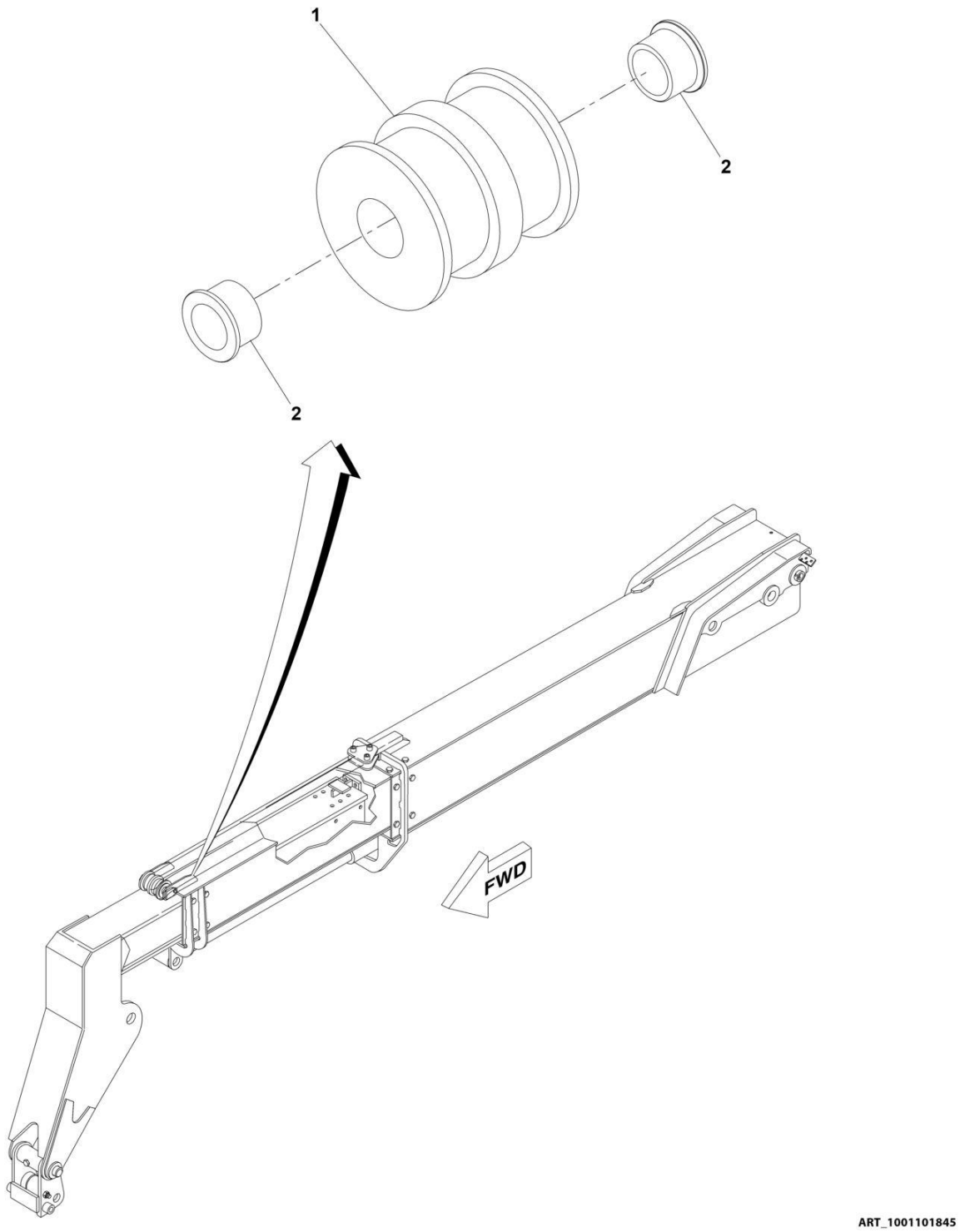
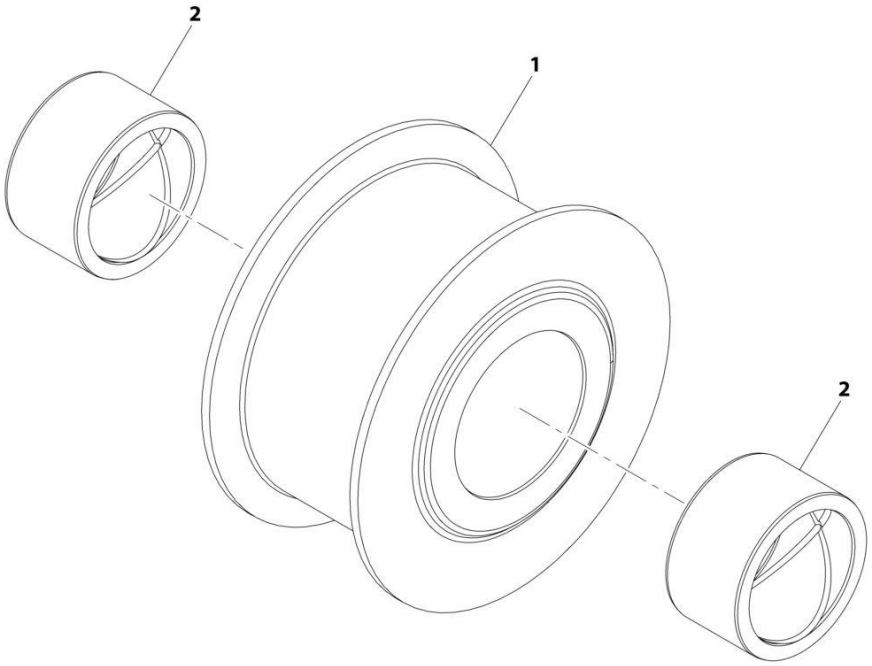


FIGURE 2-7. BUSHING SHEAVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001101845	Ref	Bushing Sheave Installation	A
1	7114112	NSS	Sheave, Extend Chain (Note: Use PN 1001101845)	
2	7126662	2	Bushing, Sheave	

FIGURE 2-8. BUSHING SHEAVE INSTALLATION (10054)



ART_1001101867-B

FIGURE 2-8. BUSHING SHEAVE INSTALLATION (10054)

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

FIGURE 2-9. BUSHING SHEAVE ASSEMBLY

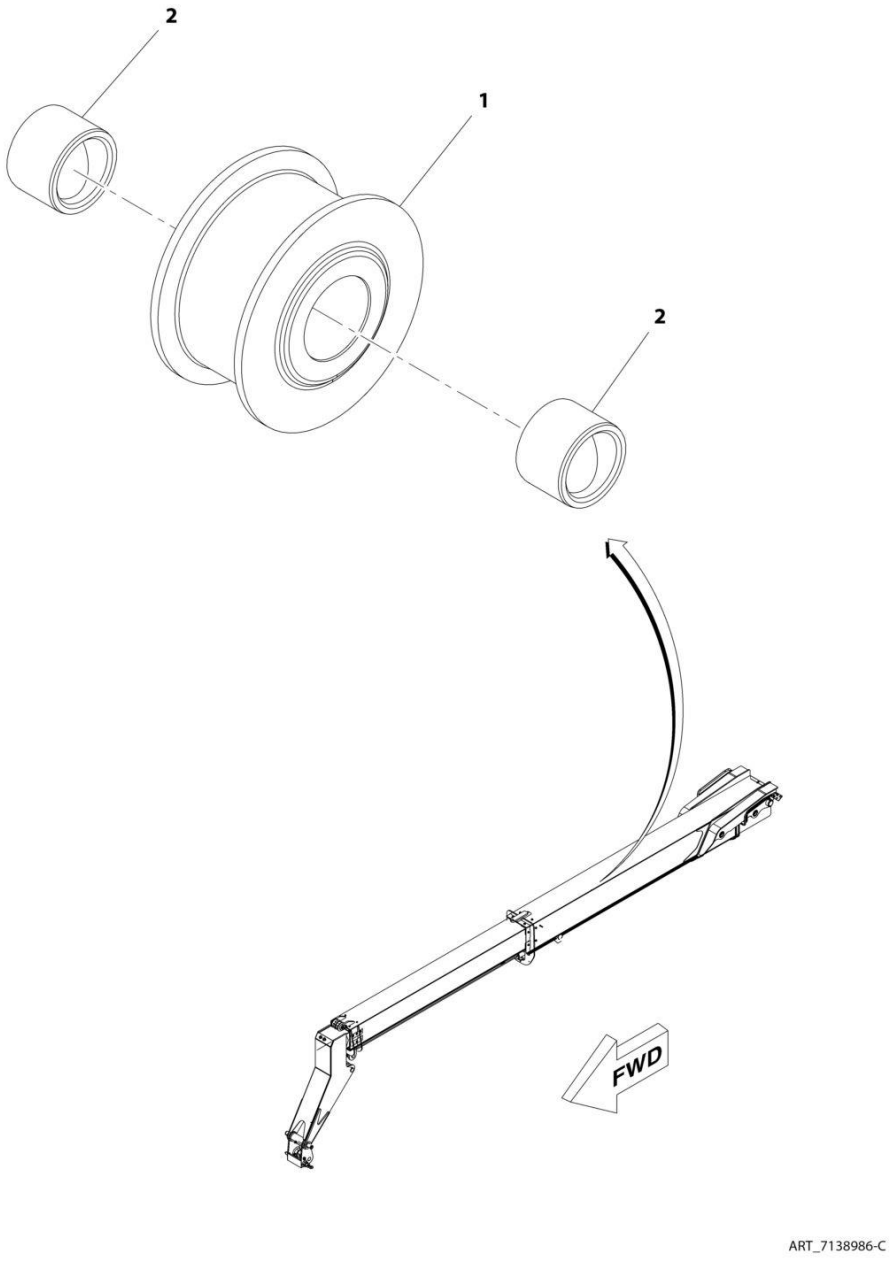


FIGURE 2-9. BUSHING SHEAVE ASSEMBLY

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

FIGURE 2-10. EXTEND CHAIN ASSEMBLY

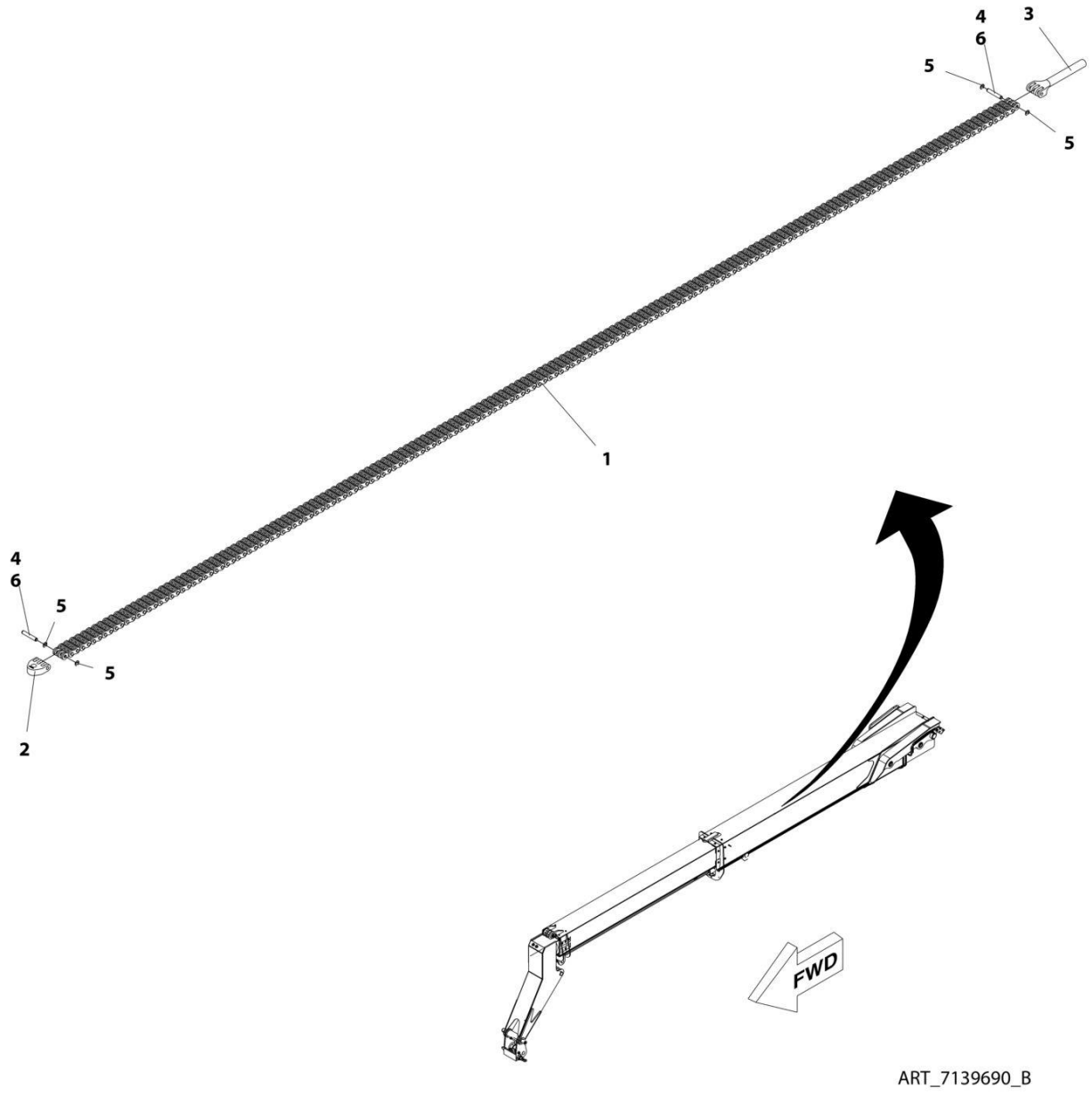


FIGURE 2-10. EXTEND CHAIN ASSEMBLY

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 2-11. RETRACT CHAIN AND CLEVIS ASSEMBLY

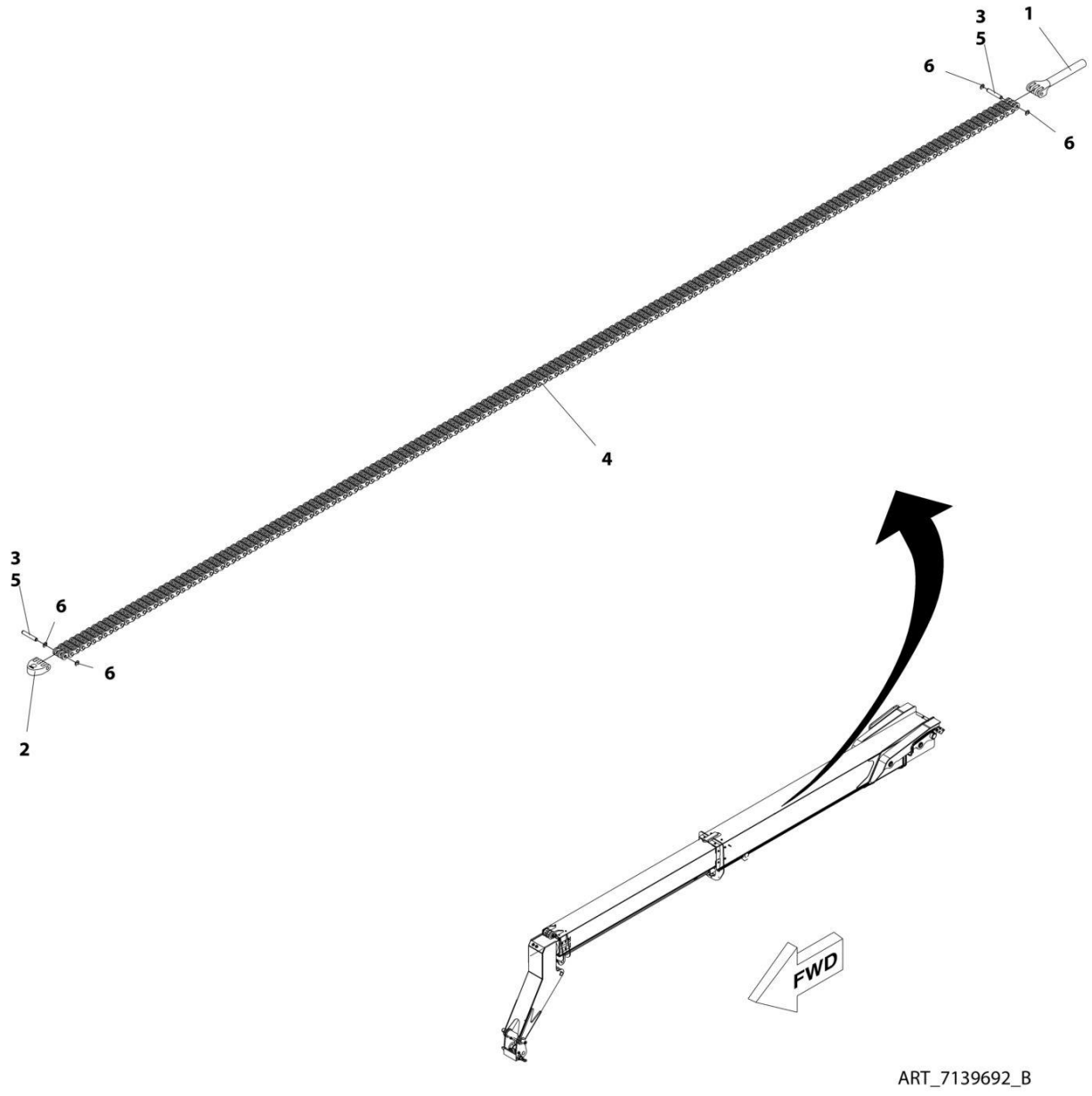


FIGURE 2-11. RETRACT CHAIN AND CLEVIS ASSEMBLY

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 2-12. EXTEND CHAIN AND CLEVIS ASSEMBLY (10054)

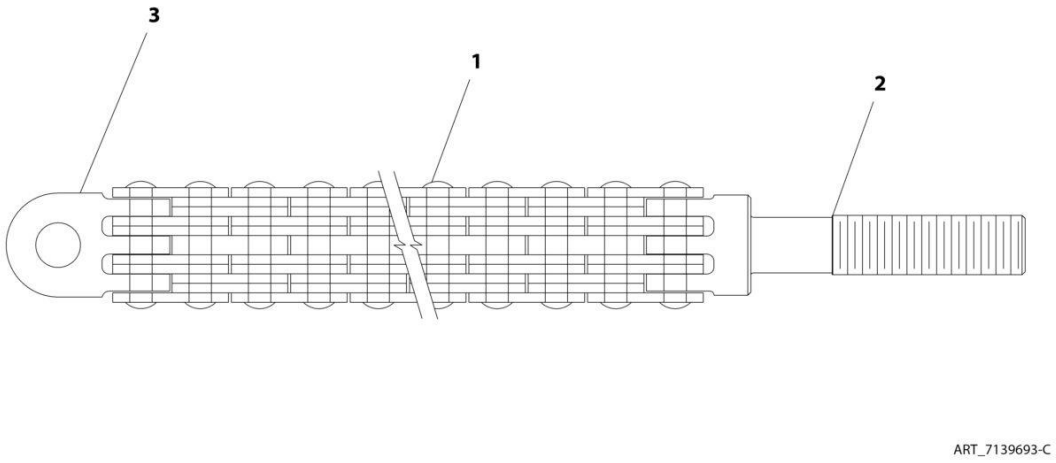


FIGURE 2-12. EXTEND CHAIN AND CLEVIS ASSEMBLY (10054)

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 2-13. HOSE AND CARRIER ASSEMBLY (10054)

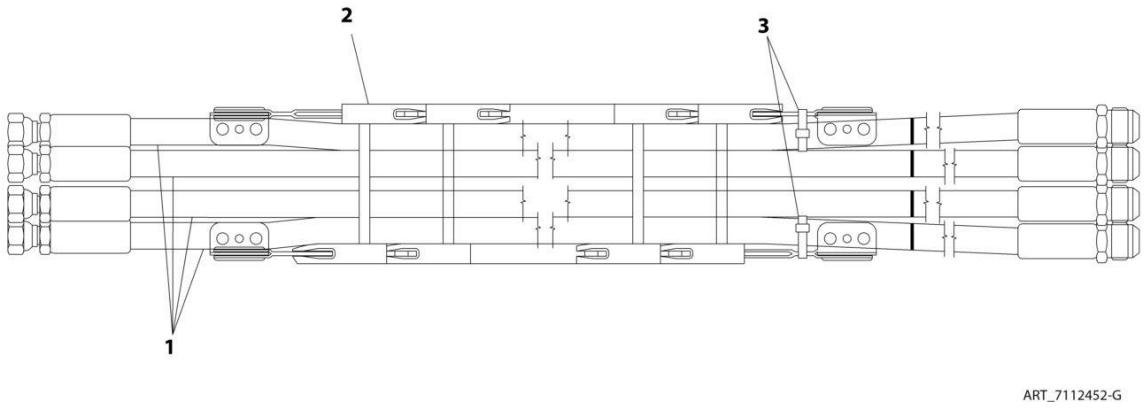


FIGURE 2-13. HOSE AND CARRIER ASSEMBLY (10054)

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	

FIGURE 2-14. BOOM AUXILIARY HYDRAULICS INSTALLATION (10042,8042)

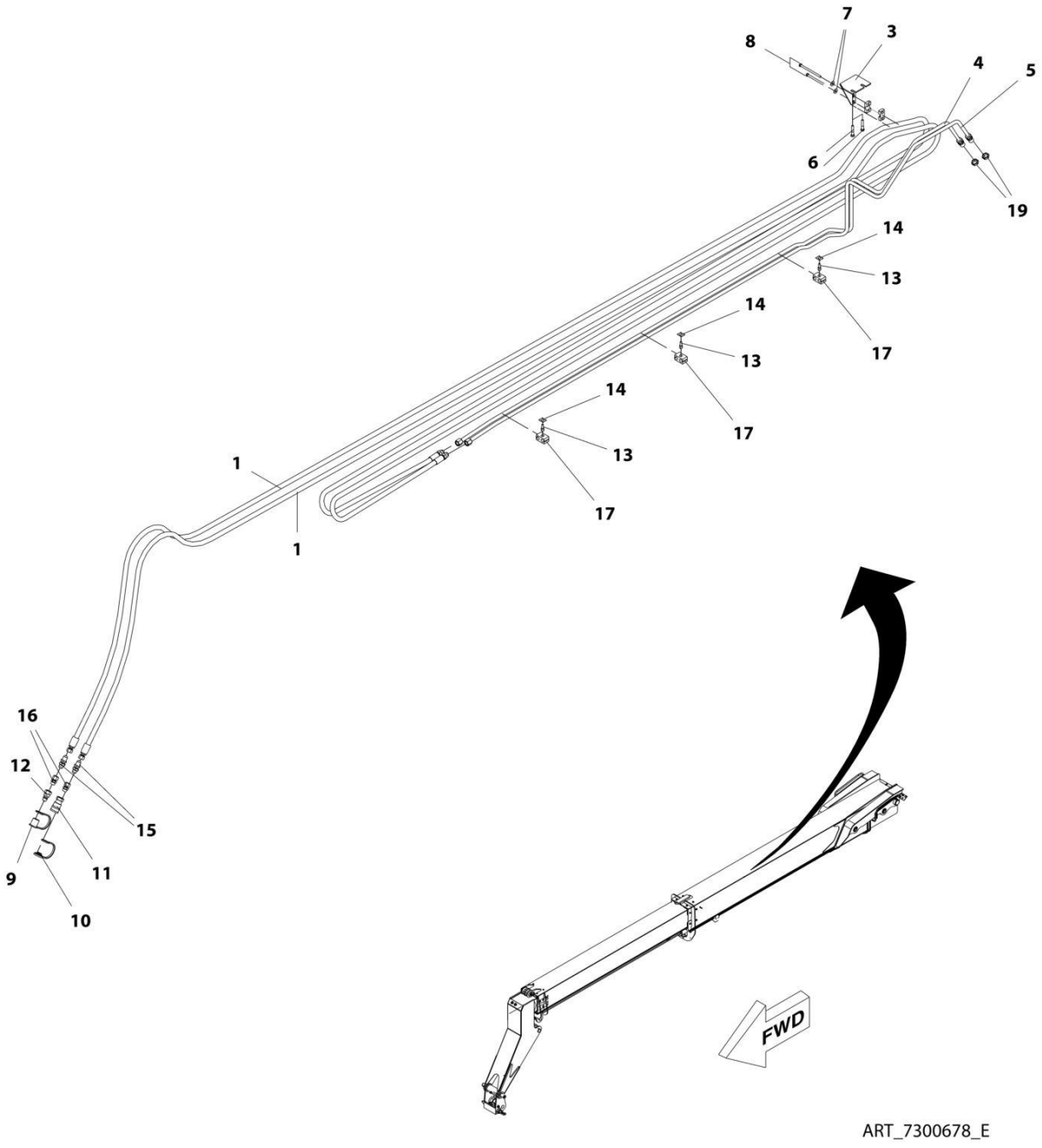
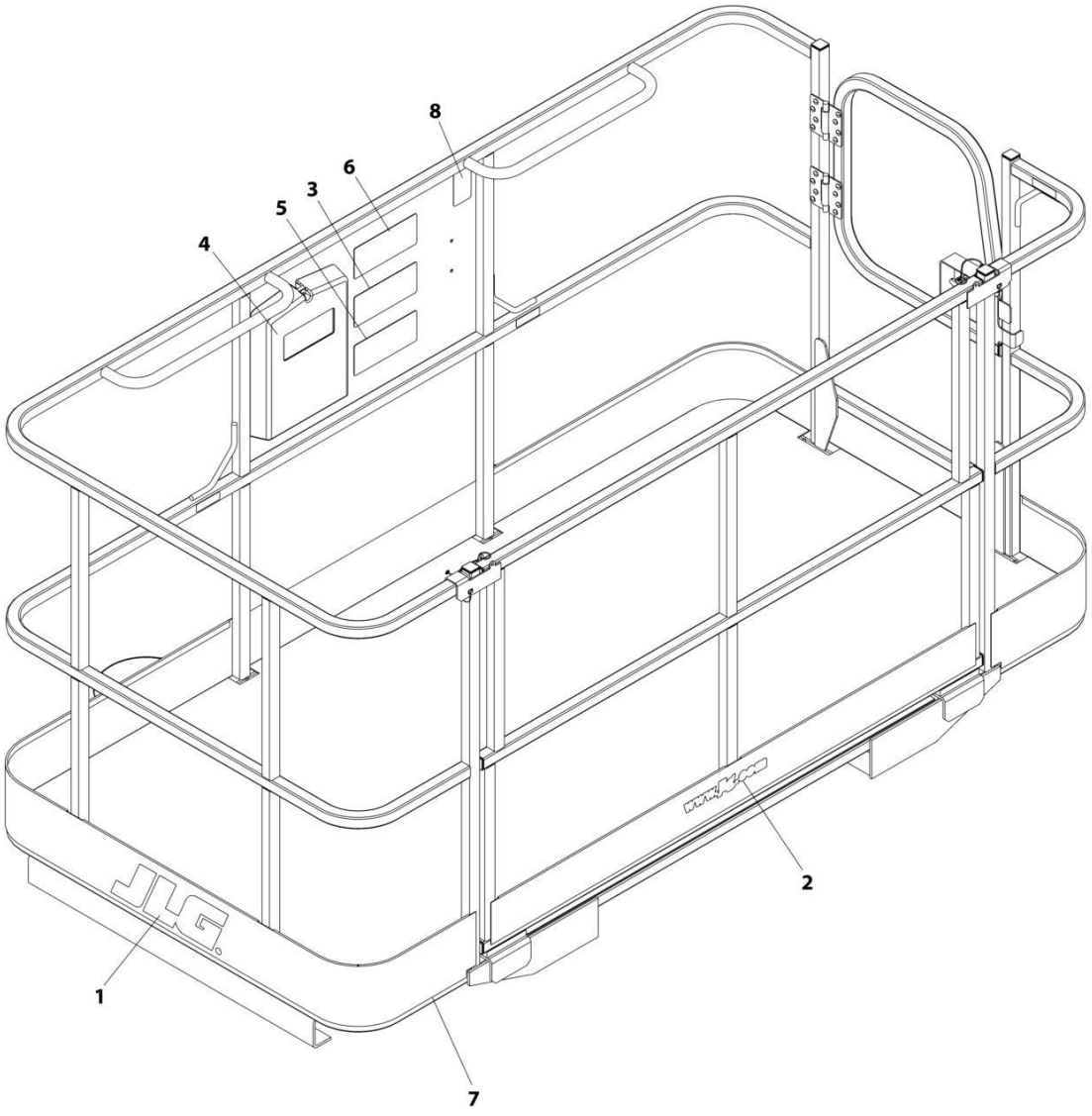


FIGURE 2-14. BOOM AUXILIARY HYDRAULICS INSTALLATION (10042,8042)

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

SECTION 3 - ATTACHMENTS

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



ART_1001238653-A

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

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

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

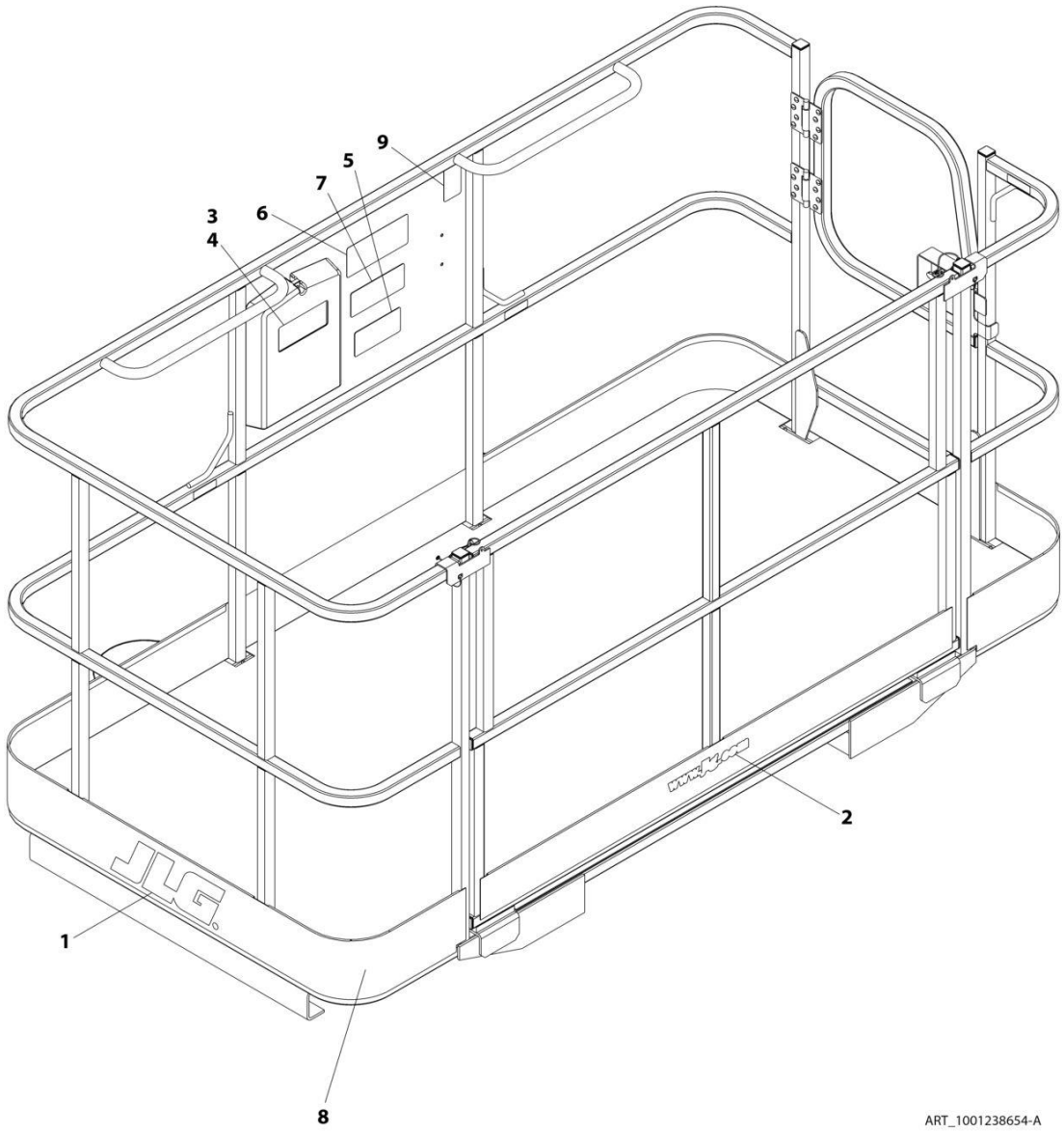


FIGURE 3-2. BASKET, PERSONNEL - 4FT X 8FT (ISO)

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

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

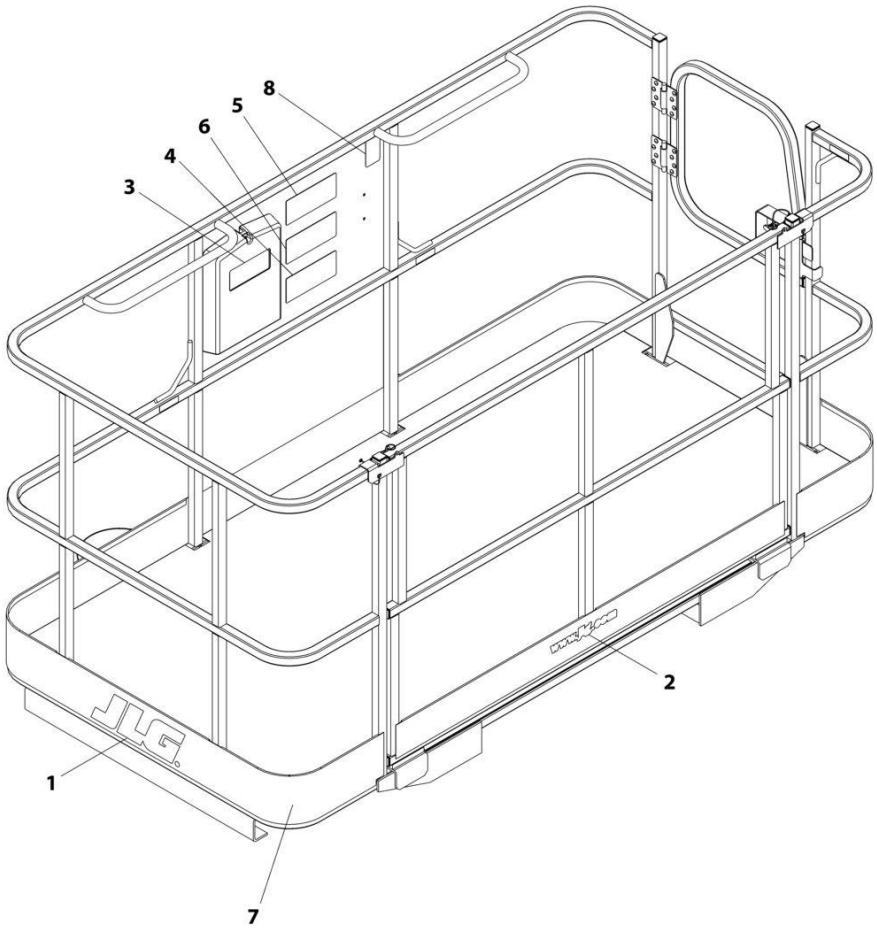


FIGURE 3-3. BASKET, PERSONNEL - 4FT X 8FT (FRENCH)

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

FIGURE 3-4. BASKET, FORK MOUNTED

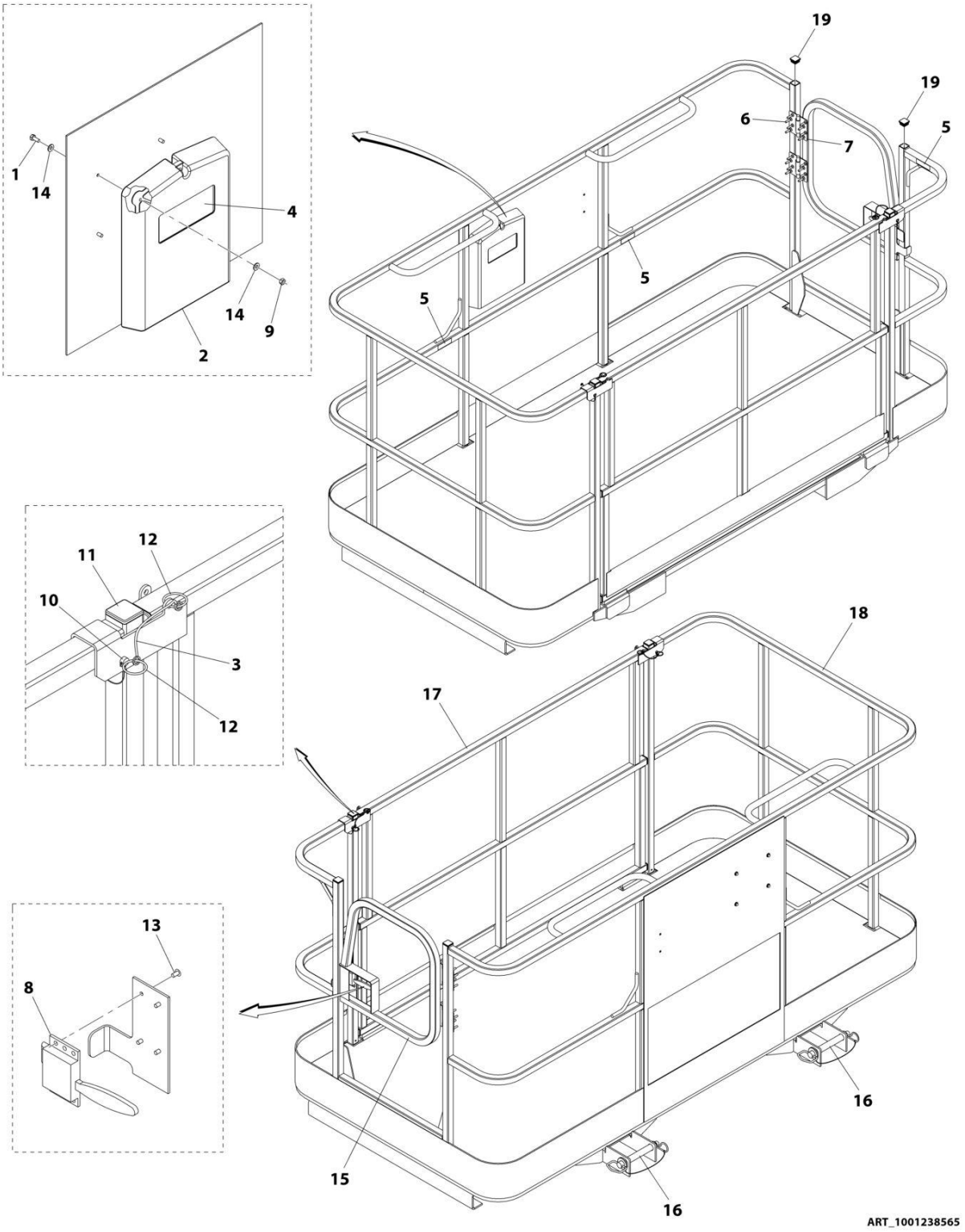


FIGURE 3-4. BASKET, FORK MOUNTED

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

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

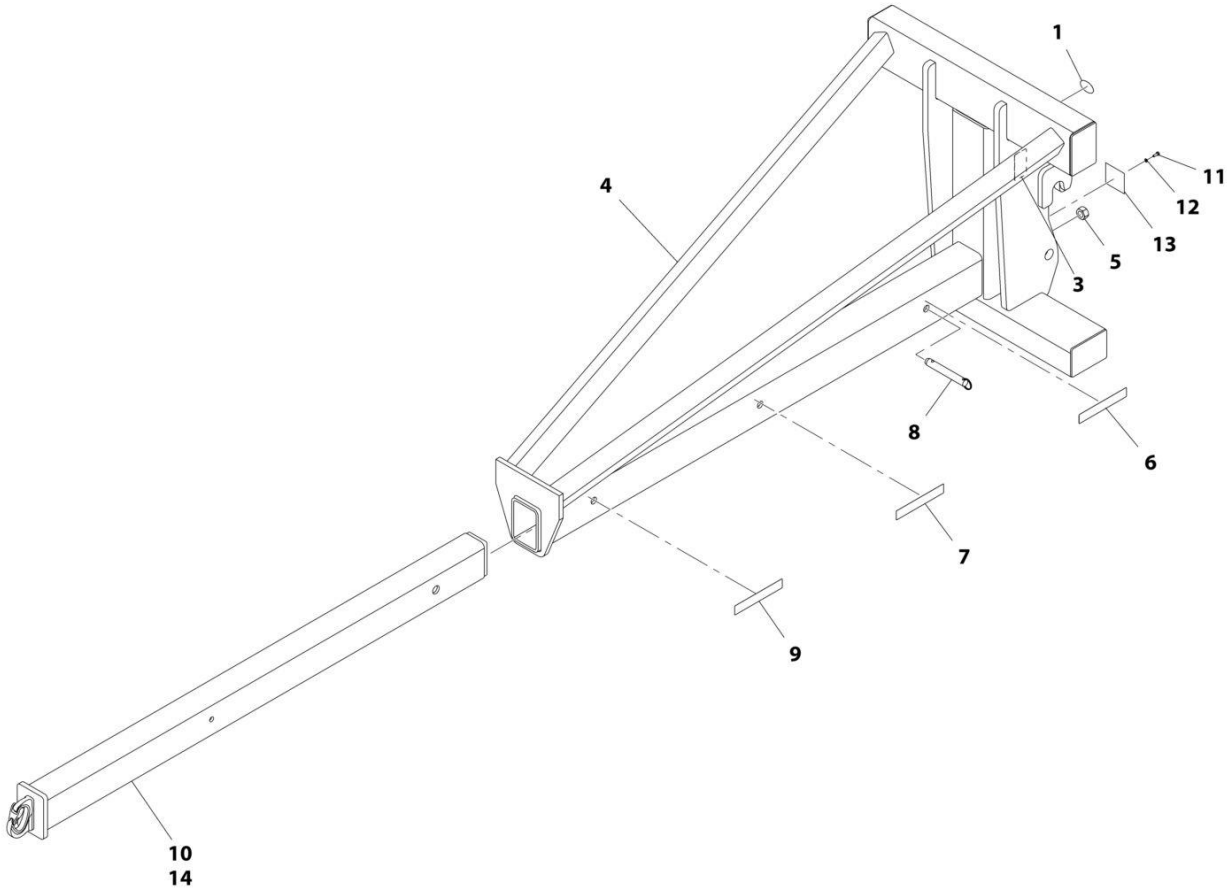


FIGURE 3-5. BOOM - ADJUSTABLE (CARRIAGE MOUNTED)

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

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

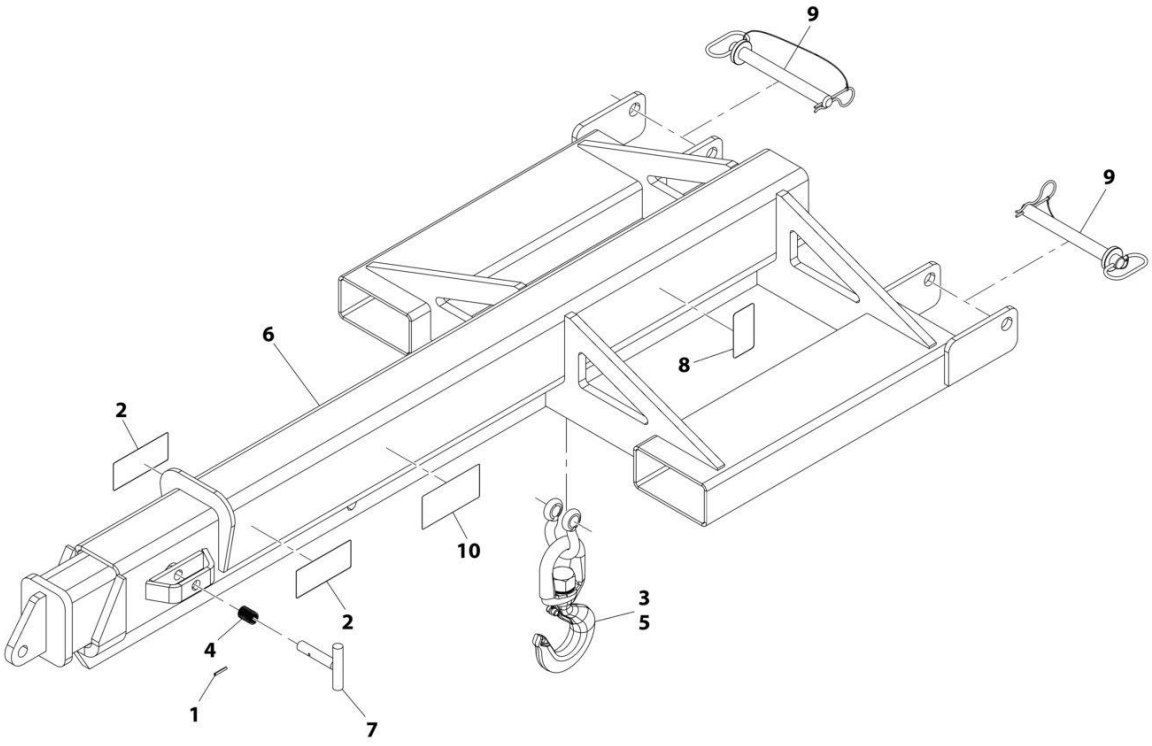


FIGURE 3-6. BOOM - ADJUSTABLE (FORK MOUNTED)

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

FIGURE 3-7. BOOM - 3FT WITH WINCH

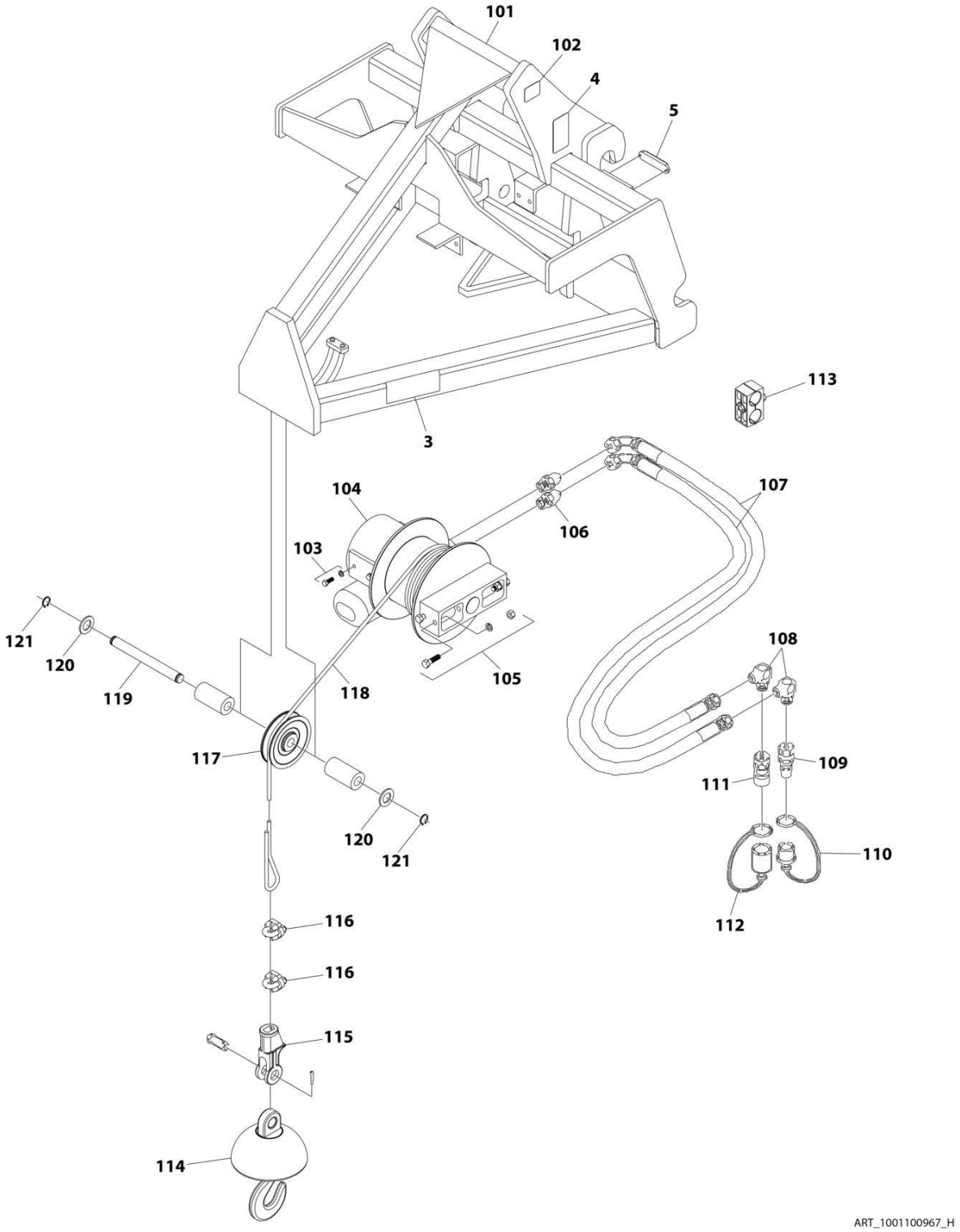


FIGURE 3-7. BOOM - 3FT WITH WINCH

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

FIGURE 3-8. BOOM - 12FT WITH WINCH

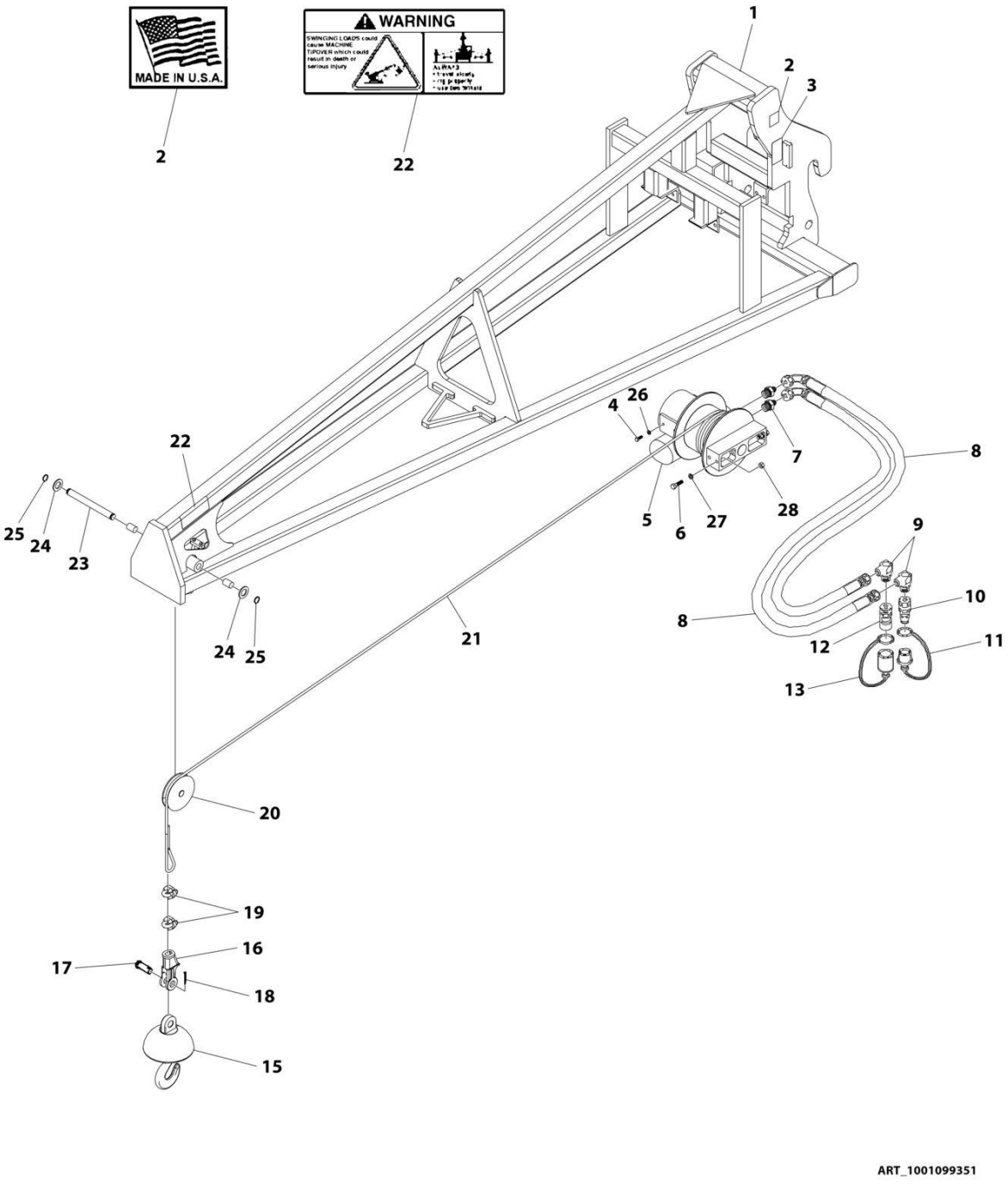


FIGURE 3-8. BOOM - 12FT WITH WINCH

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

FIGURE 3-9. BOOM - 2FT WITHOUT WINCH

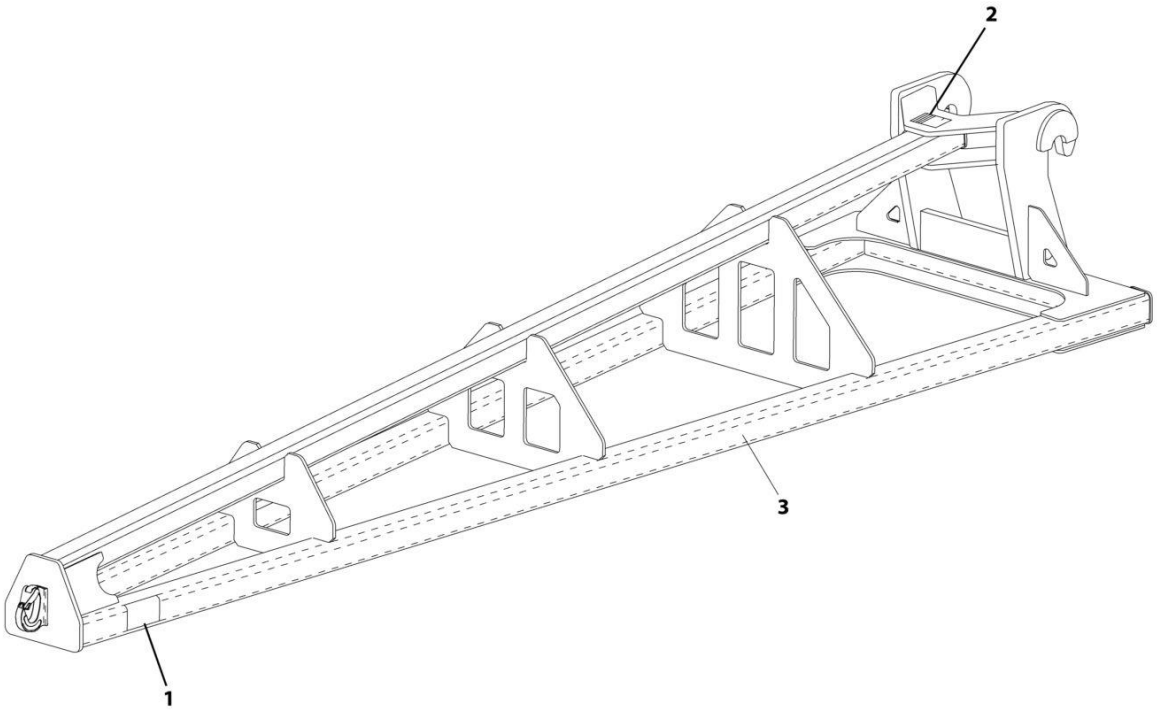


FIGURE 3-9. BOOM - 2FT WITHOUT WINCH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001099902	Ref	TRUSS BOOM (0.9 TON - 3.7M)	E
1	4110422	2	Decal, Danger Swinging Loads	
2	N.S.S.	1	S/N Plate	
3	N.S.S.	1	Boom, Truss	

FIGURE 3-10. BOOM - 15FT WITHOUT WINCH

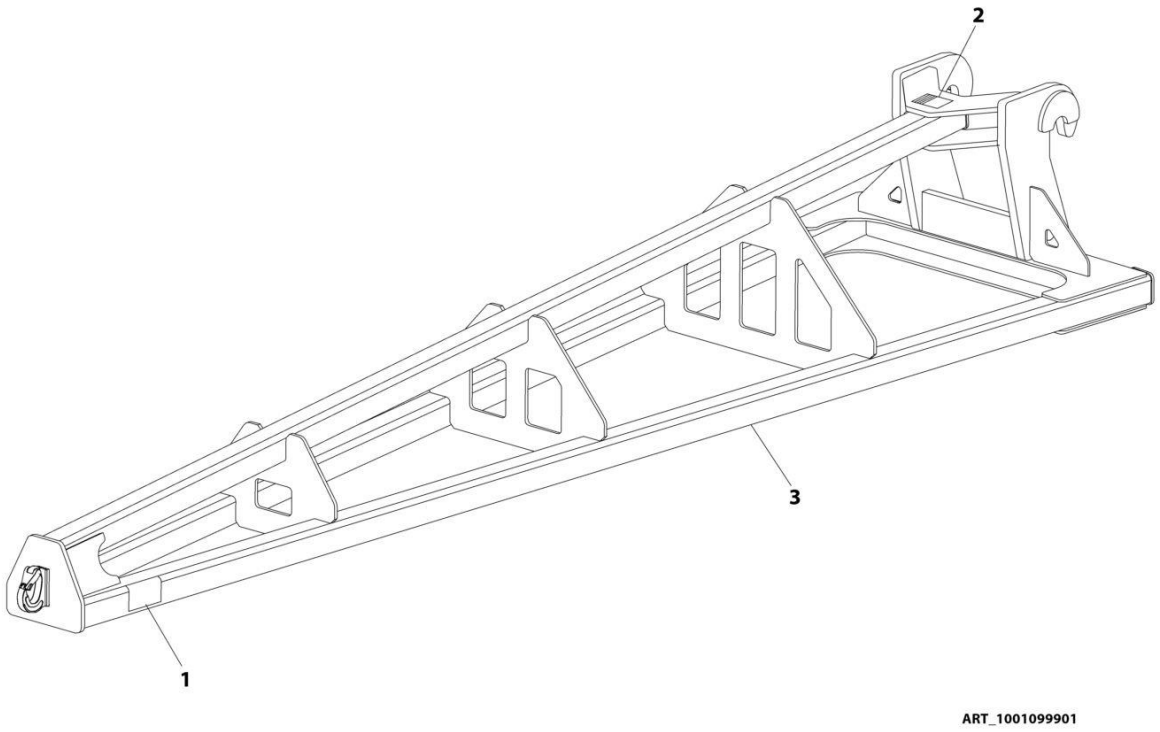


FIGURE 3-10. BOOM - 15FT WITHOUT WINCH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001099901	Ref	TRUSS BOOM (15 FOOT)	F
1	4110422	2	Decal, Danger Swinging Loads	
2	See Note	NSS	S/N Plate (Note: Stamped Part - Not Available for Purchase)	
3	See Note	NSS	Boom, Truss (Note: Purchase Complete Assembly)	

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

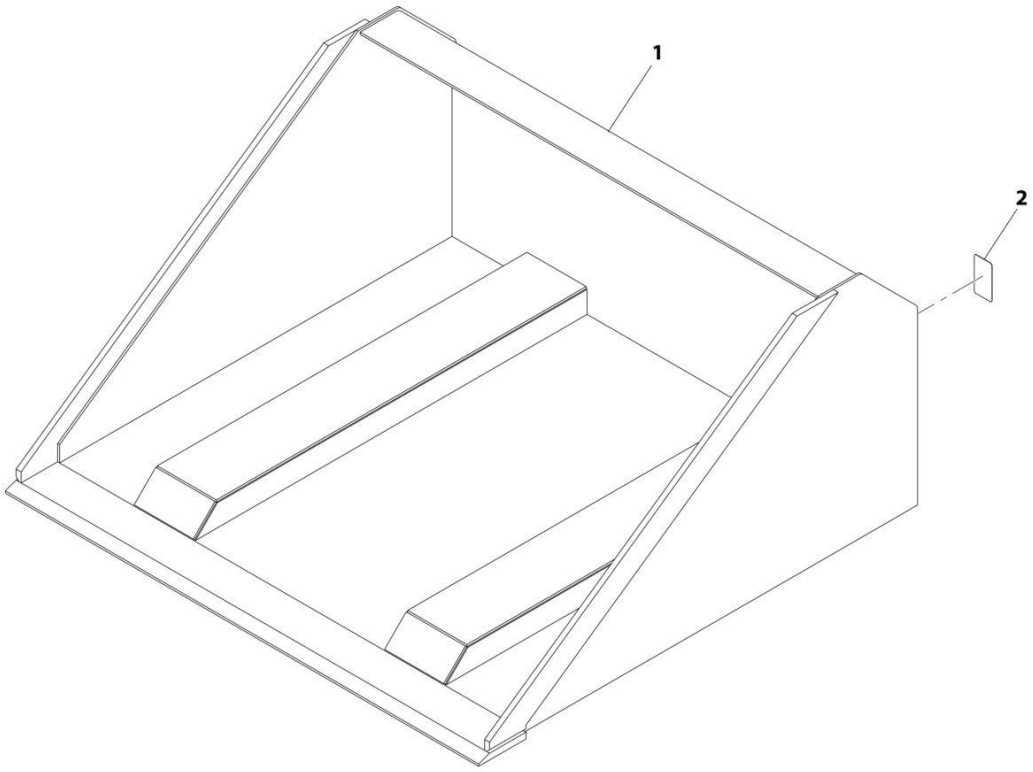


FIGURE 3-11. BUCKET - 60IN (1.3 CU YD) (FORK MOUNTED)

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)

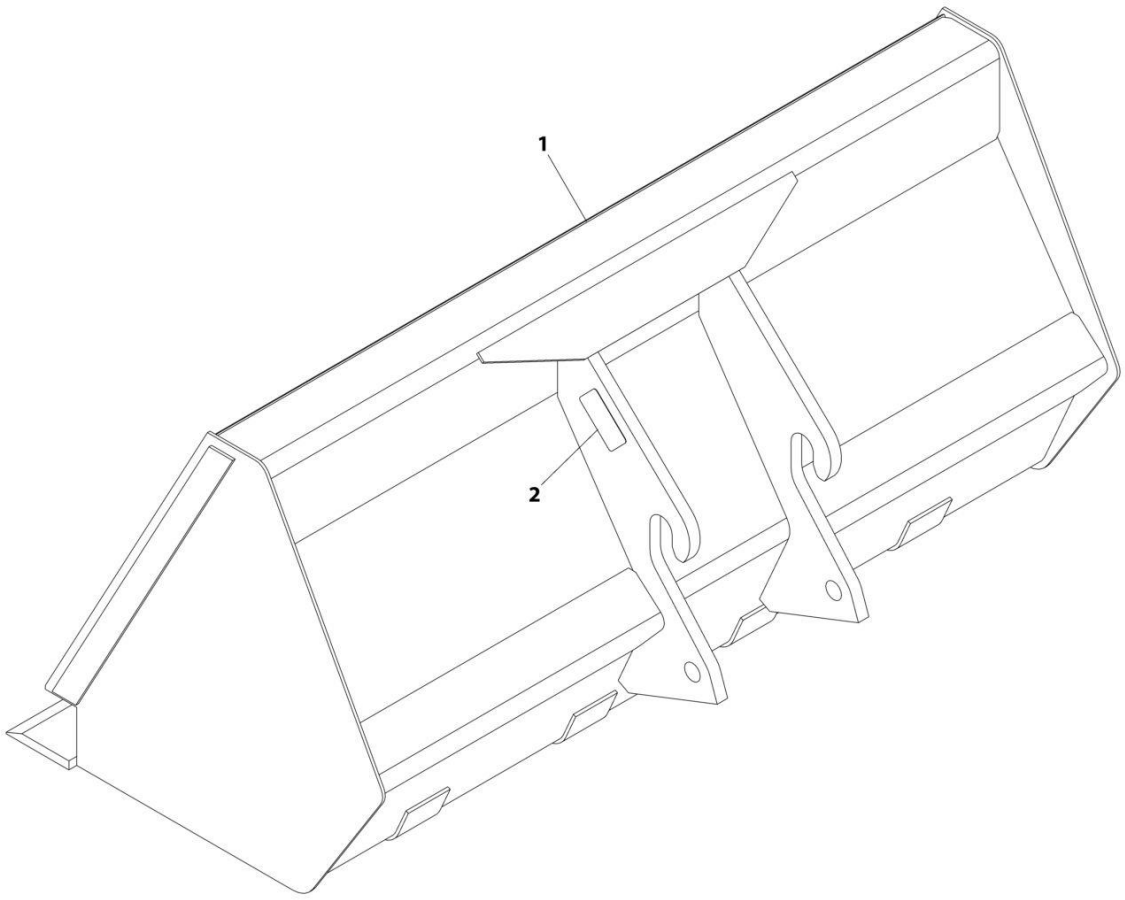


FIGURE 3-12. BUCKET - 72IN (1.0 CU YD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001100822	Ref	BUCKET 1.0 YD³ (ANSI - JLG)	F
1	1001100265	1	Bucket Weldment	
2	N.S.S.	1	S/N Plate	

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

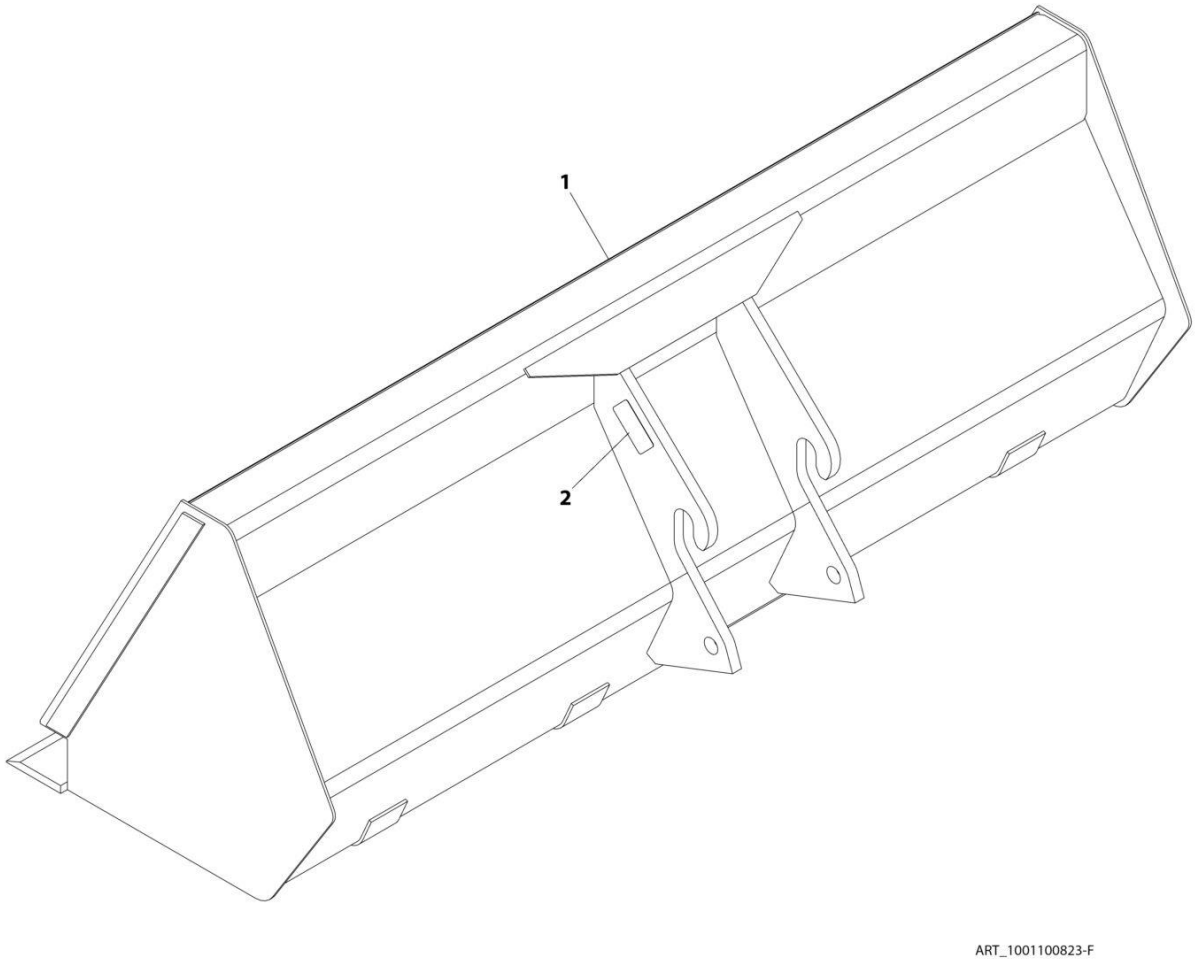


FIGURE 3-13. BUCKET - 96IN (1.5 CU YD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001100823	Ref	BUCKET (1.15 M^3)	F
1	1001100266	1	Bucket	
2	N.S.S.	1	S/N Plate	

FIGURE 3-14. BUCKET - 96IN GRAPPLE

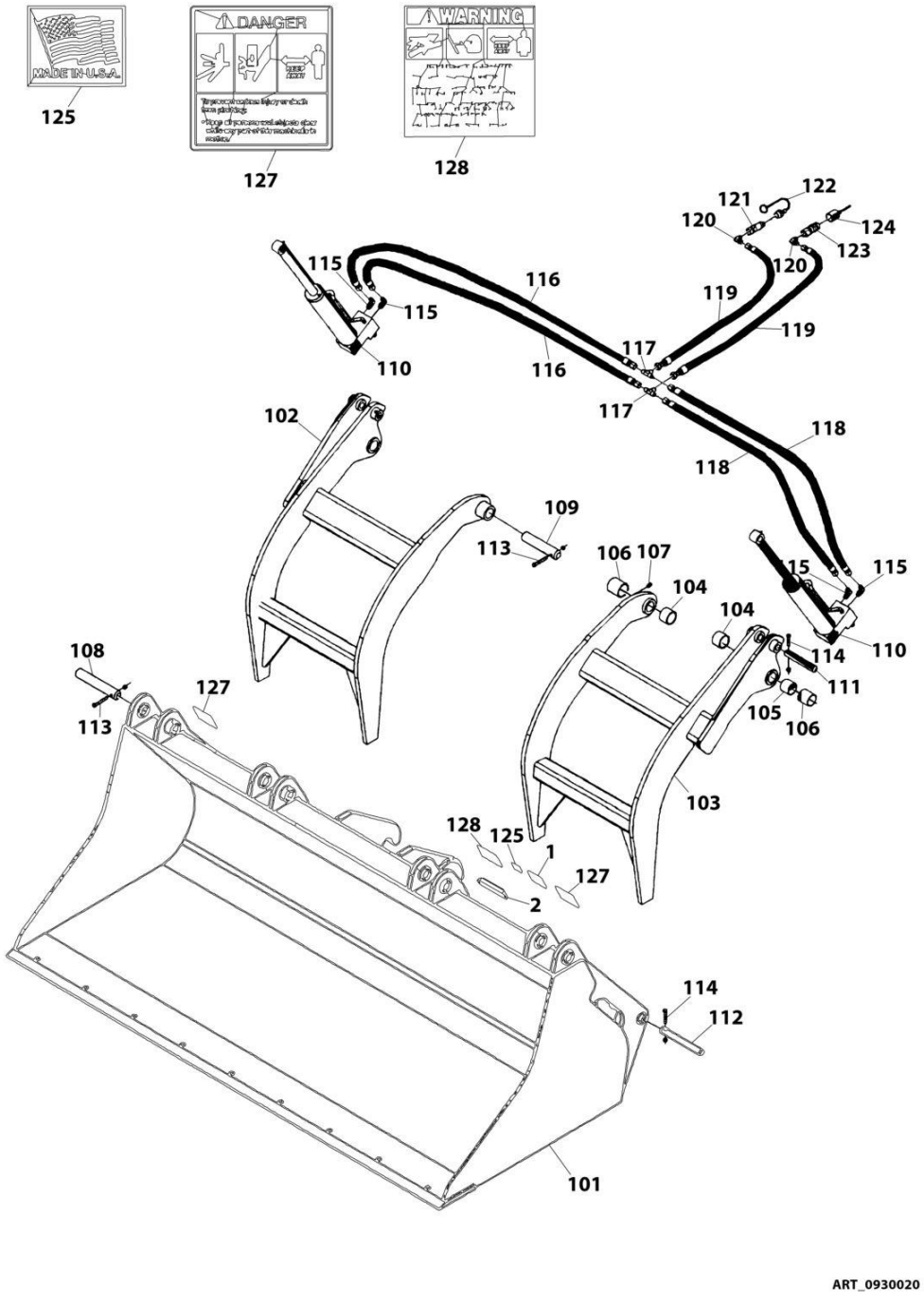


FIGURE 3-14. BUCKET - 96IN GRAPPLE

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

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

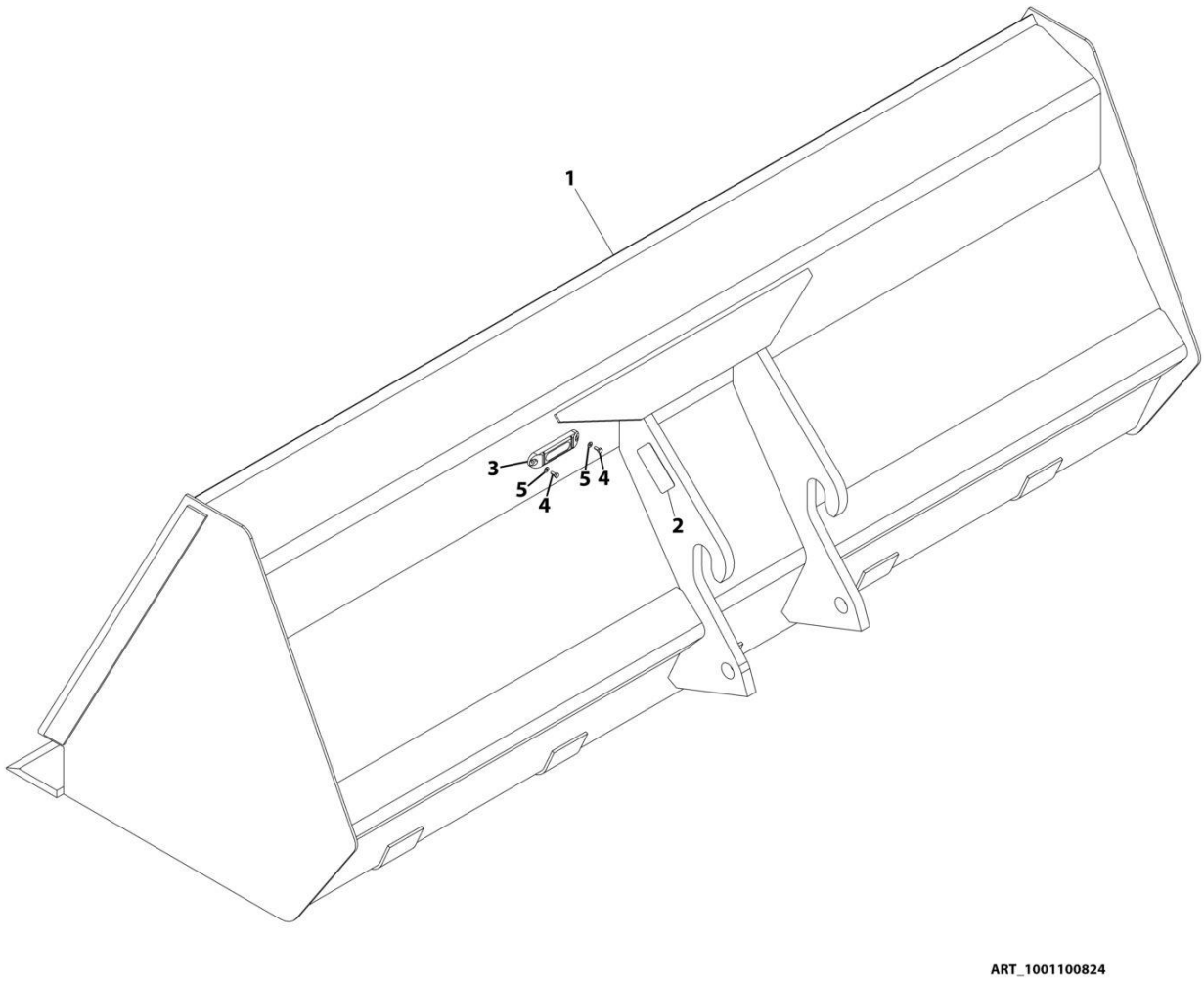


FIGURE 3-15. BUCKET - 102IN (2.0 CU YD)

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

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

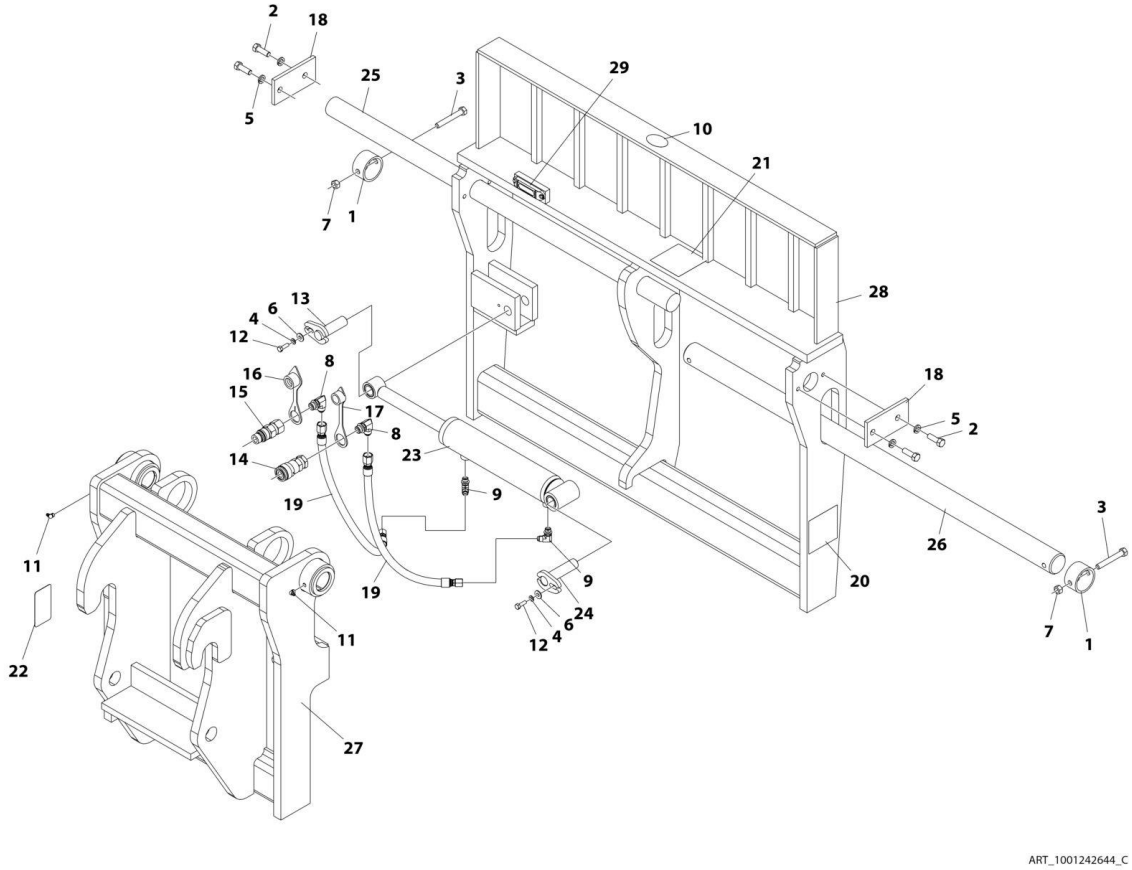


FIGURE 3-16. CARRIAGE ASSEMBLY - 48IN/12000# CAPACITY SIDE SHIFT

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

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

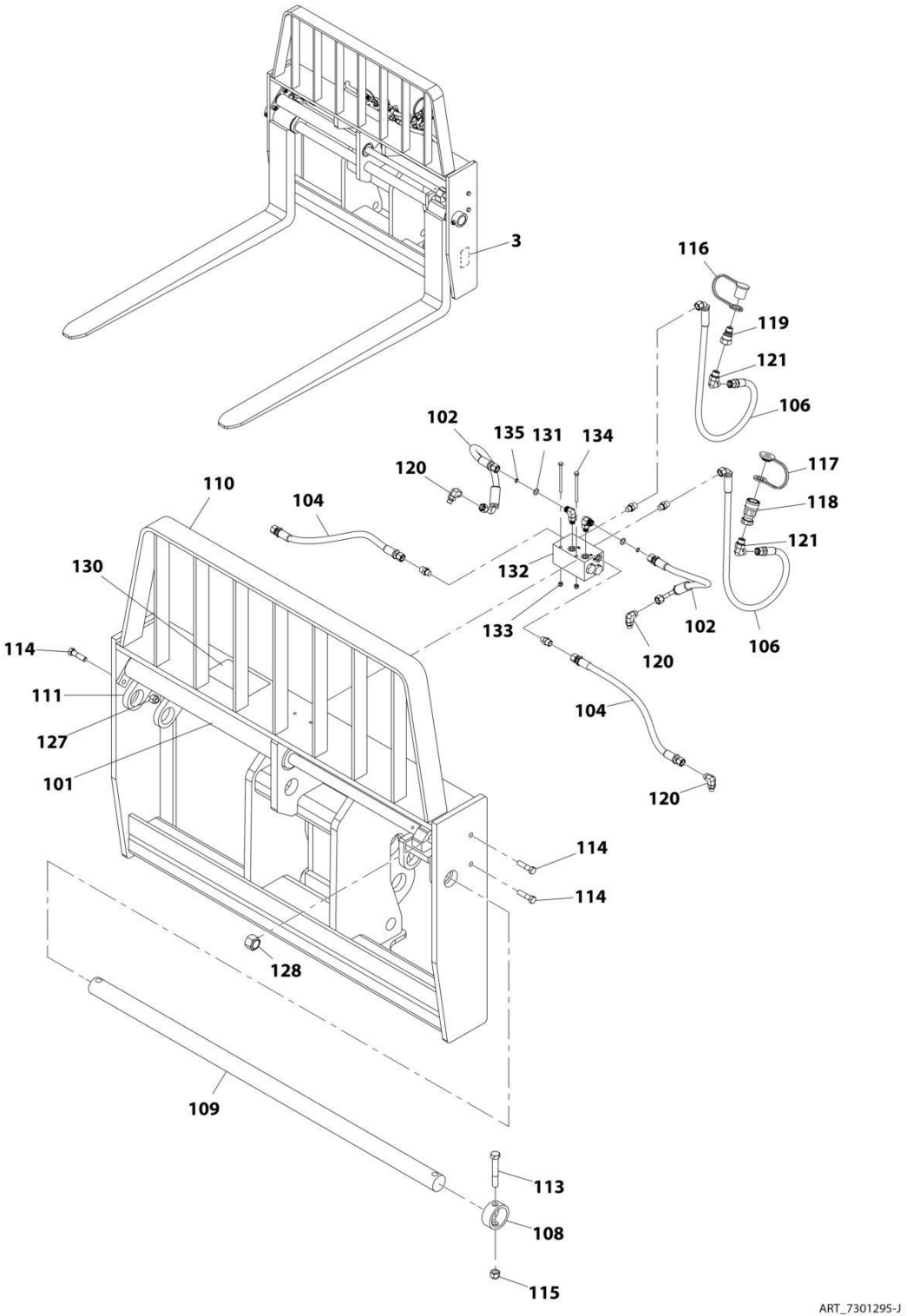


FIGURE 3-17. CARRIAGE ASSEMBLY - 50IN/10000# CAPACITY DUAL FORK POSITIONING

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

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

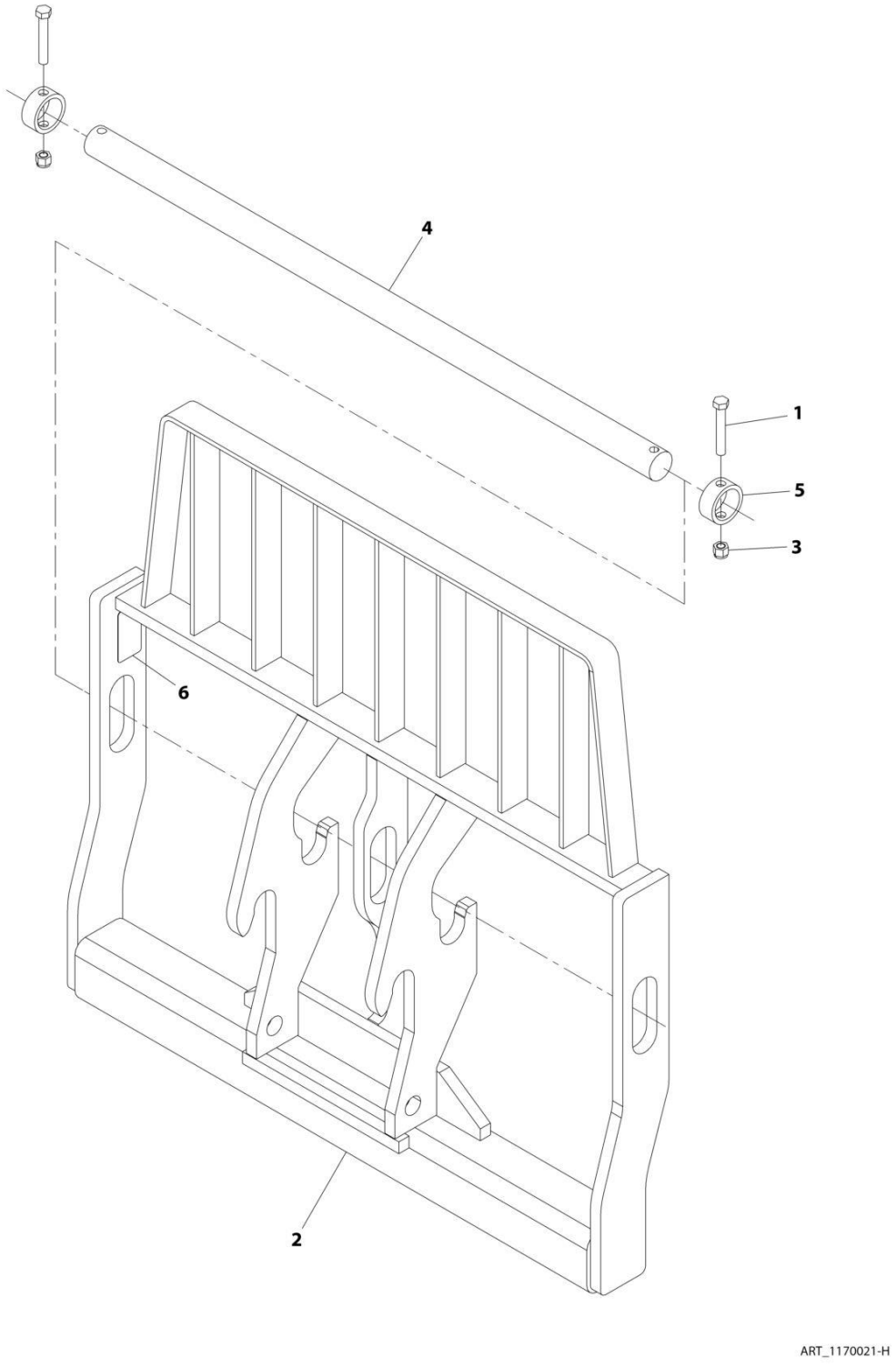


FIGURE 3-18. CARRIAGE ASSEMBLY - 50IN/12000# CAPACITY STANDARD

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

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

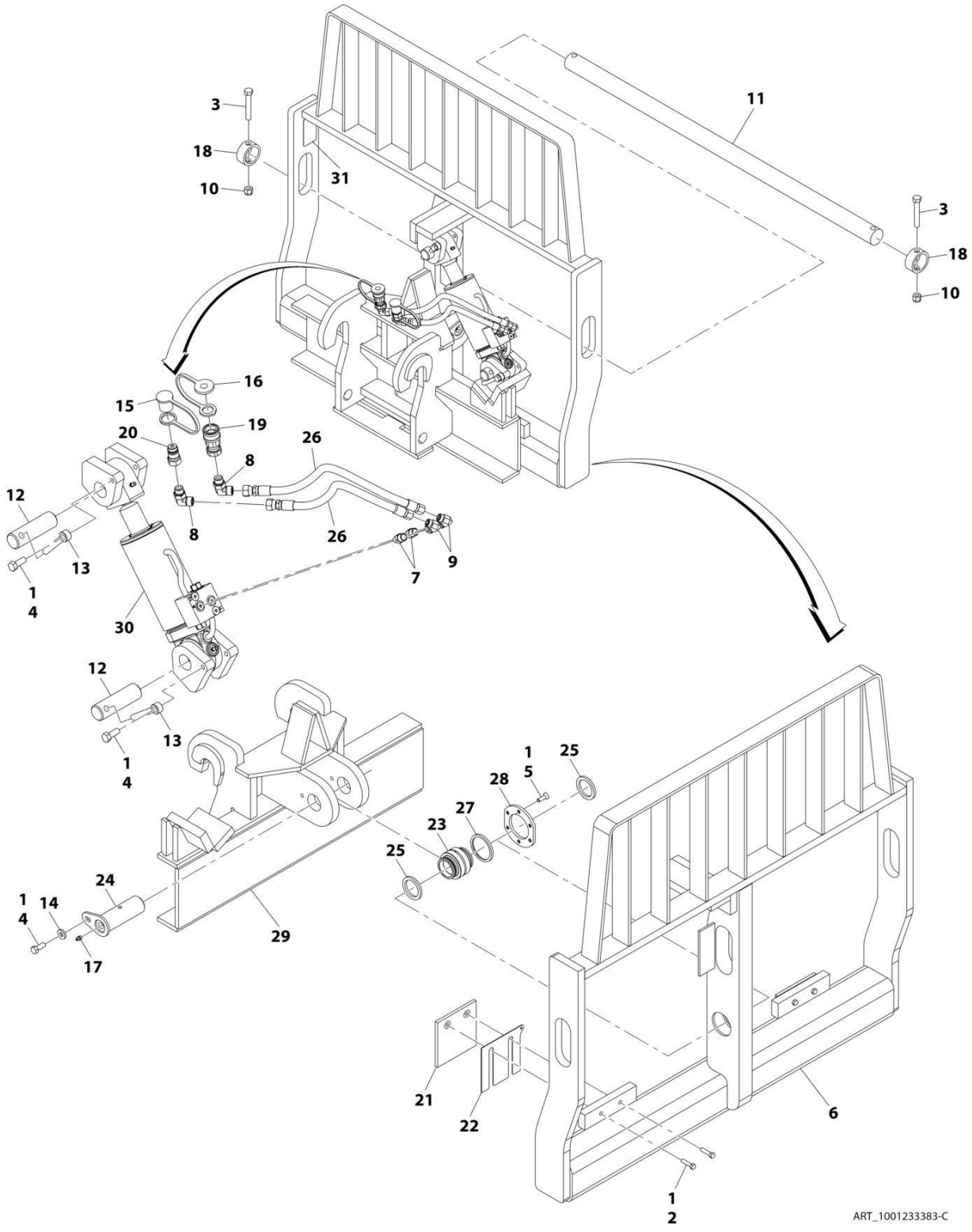


FIGURE 3-19. CARRIAGE ASSEMBLY - 50IN/12000# CAPACITY SIDE TILT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233383	Ref	SIDE TILT CARRIAGE ASSEMBLY (50 INCH)	C
1	0100011	AR	Compound, Locking	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	0642032	2	Bolt 5/8 x 4	
4	0681810	3	Bolt 1/2 x 1-1/4	
5	0741610	6	Screw 3/8 x 1.25	
6	See Note	NLA	Carriage (Note: Puchase Complete Assembly)	
7	2110606	2	Fitting, Straight ORFS	
8	2130808	2	Adapter, 90	
9	2172106	2	Fitting, 90 ORFS	
10	3300240	2	Nut 5/8	
11	3423275	1	Pin	
12	3423307	2	Pin	
13	3841203	2	Keeper	
14	4891800	1	Flatwasher	
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	1001090063	2	Pad	
22	1001090064	AR	Shim	
23	1001090140	1	Bearing	
24	1001099113	1	Pin	
25	1001099115	2	Sleeve	
26	1001239734	2	Hose	
27	1001120914	1	Shim	
28	1001120915	1	Plate	
29	See Note	NSS	Carriage, Base Pivot (Note: Purchase Complete Assembly)	
30	1001163414	1	Cylinder, Side Tilt (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
31	See Note	NSS	S/N Plate (Note: Stamped Part - Not Available for Purchase)	

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

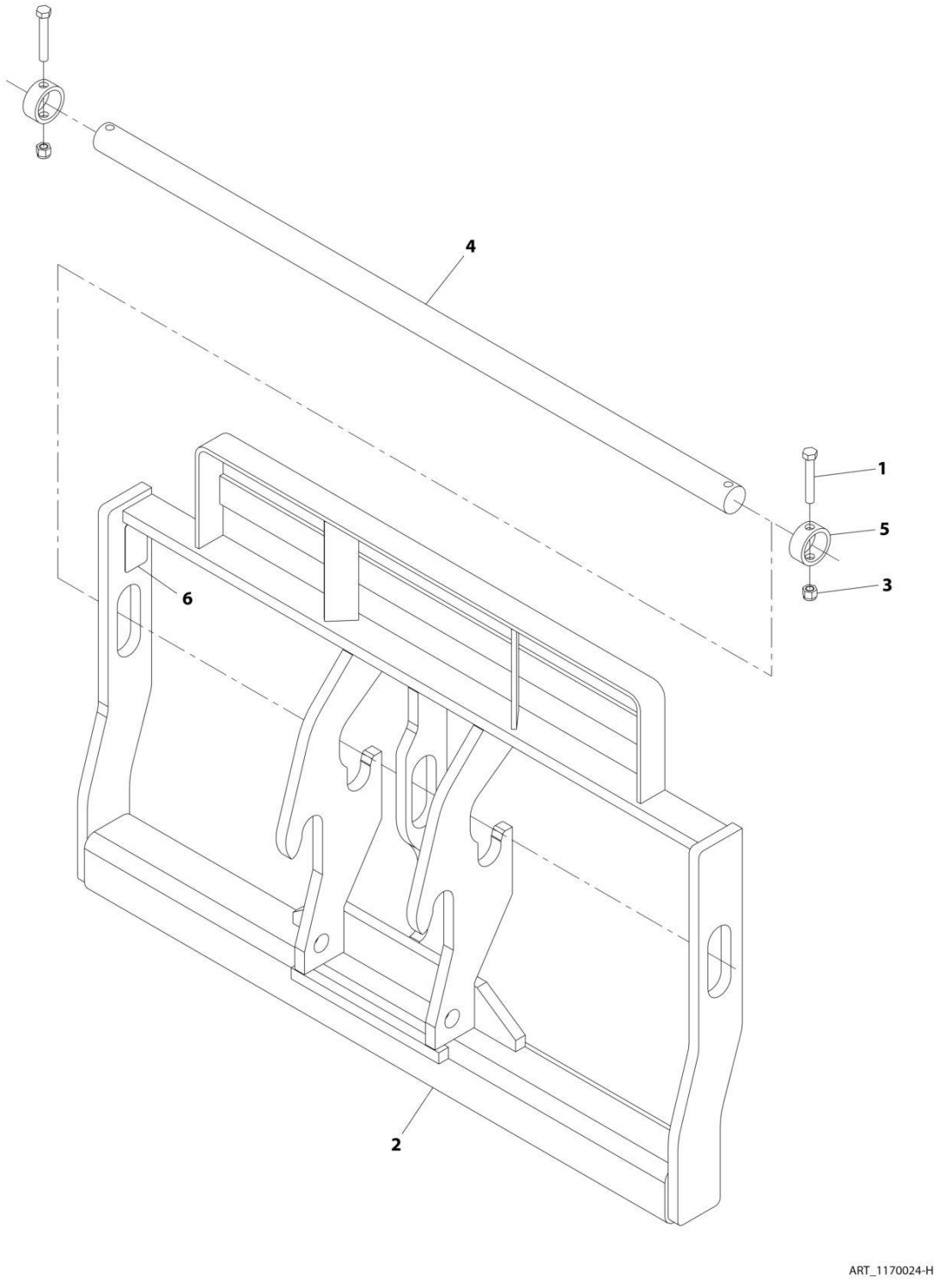


FIGURE 3-20. CARRIAGE ASSEMBLY - 60IN/12000# CAPACITY STANDARD

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

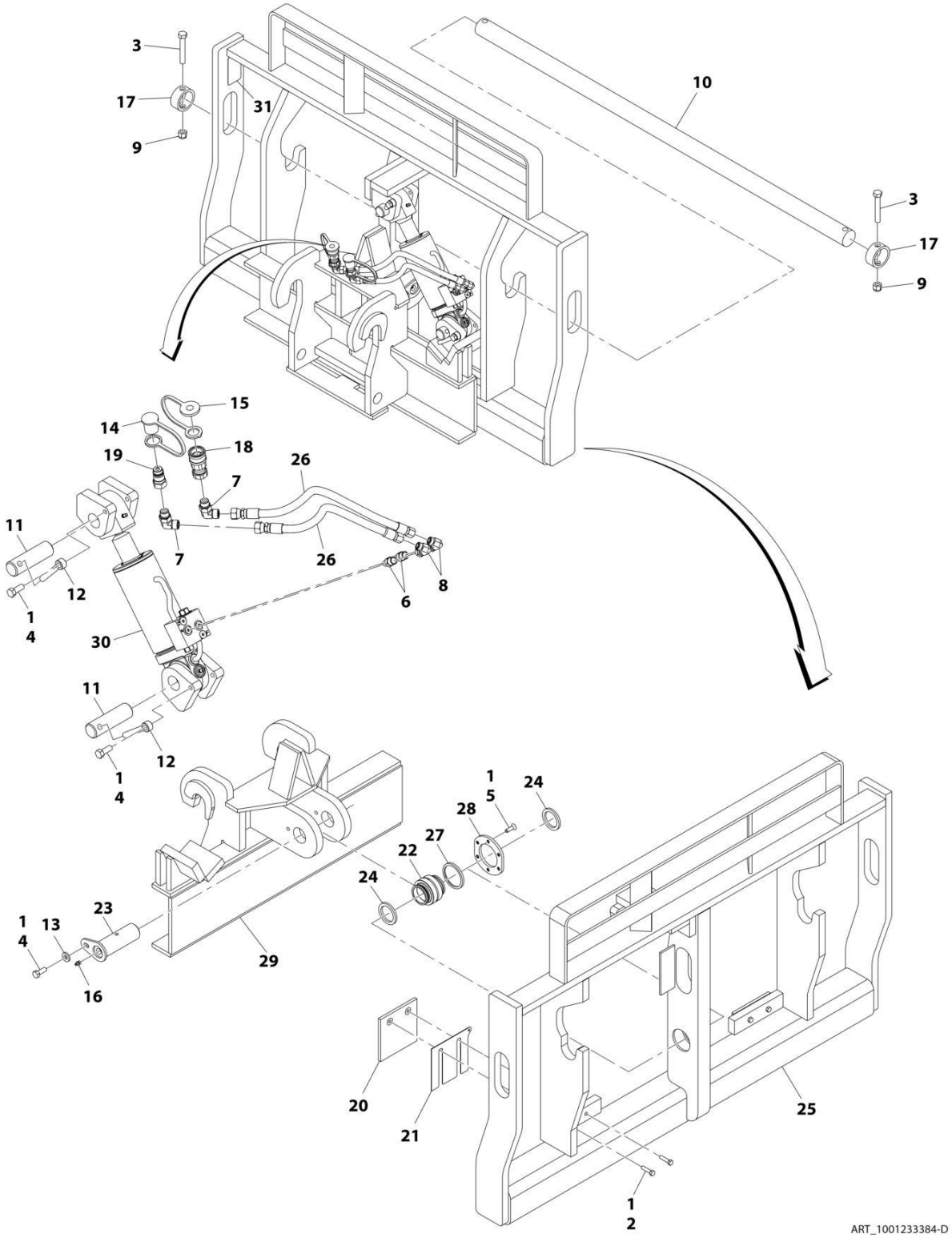


FIGURE 3-21. CARRIAGE ASSEMBLY - 60IN/12000# CAPACITY SIDE TILT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233384	Ref	Side Tilt Carriage Assembly (60 Inch)	D
1	0100011	AR	Compound, Locking	
2	0641612	4	Bolt, 3/8X1-1/2	
3	0642032	2	Bolt, 5/8X4	
4	0681810	3	Bolt, 1/2X1-1/4	
5	0741610	6	Screw, 3/8X1-1/4	
6	2110606	2	Fitting, Straight	
7	2130808	2	Adapter, 90	
8	2172106	2	Fitting, 90	
9	3300240	2	Nut 5/8	
10	3423242	1	Pin	
11	3423307	2	Pin	
12	3841203	2	Keeper	
13	4891800	1	Washer	
14	8420053	1	Cap	
15	8420055	1	Plug	
16	88671001	1	Fitting, Grease	
17	90200003	2	Collar	
18	91403413	1	Fitting, Straight	
19	91403414	1	Fitting, Straight	
20	1001090063	2	Pad	
21	1001090064	AR	Shim	
22	1001090140	1	Bearing	
23	1001099113	1	Pin	
24	1001099115	2	Sleeve	
25	See Note	NSS	Carriage, Side tilt (Note: Purchase Complete Assembly)	
26	1001239734	2	Hose	
27	1001120914	1	Shim	
28	1001120915	1	Plate	
29	1001133072	1	Carriage, Base Pivot	
30	1001163414	1	Cylinder, Side Tilt (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
31	See Note	NSS	S/N Plate (Note: Stamped Part - Not Available for Purchase)	

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

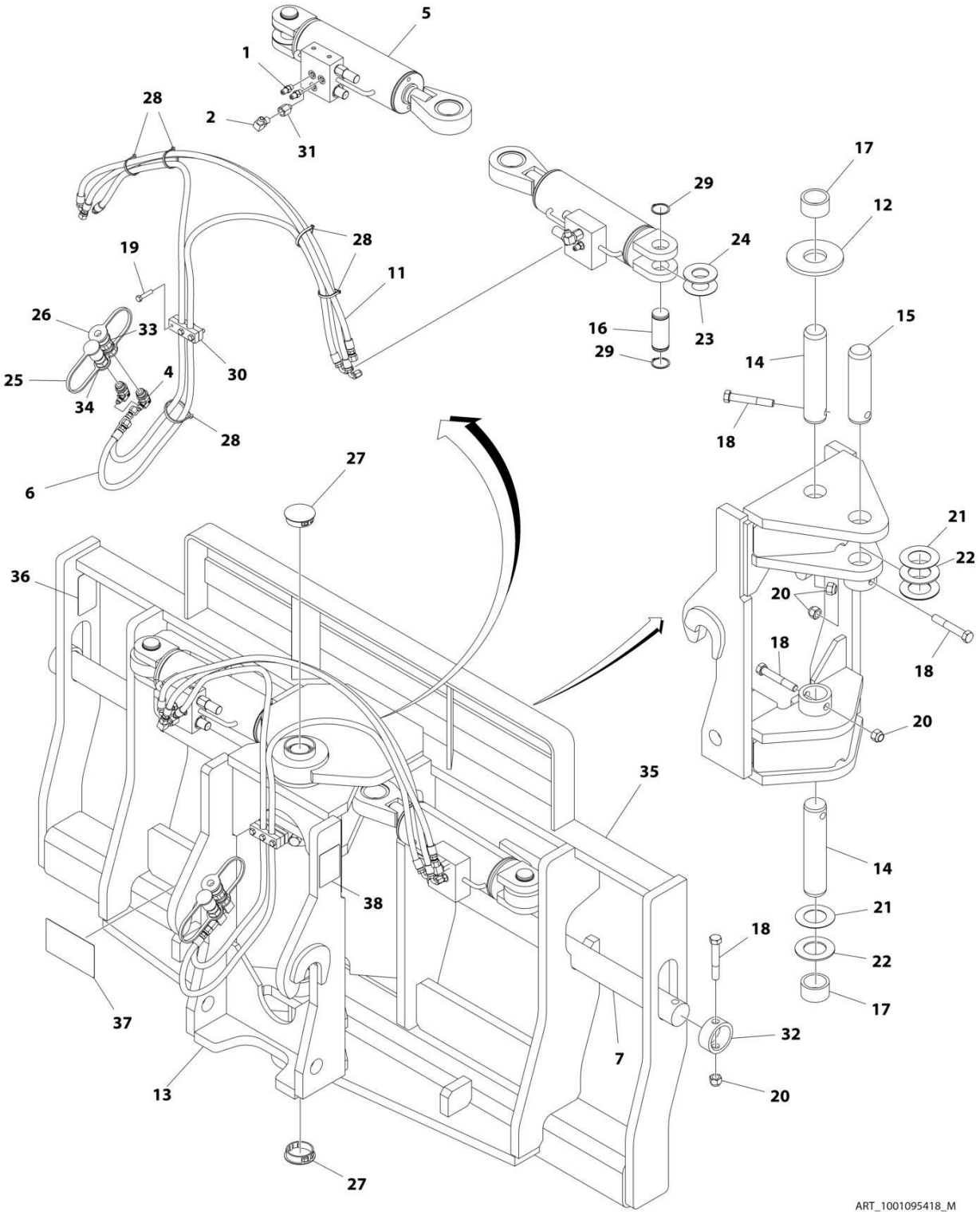


FIGURE 3-22. CARRIAGE ASSEMBLY - 72IN/10000# CAPACITY 90 DEGREE SWING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001095418	Ref	90 SWING CARRIAGE ASSEMBLY (72 INCH)	Q
1	2220415	4	Fitting, Straight ORFS	
2	2220473	2	Fitting, 90 ORFS	
4	1001211139	2	Adapter, 90	
5	1001103182	2	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	N.S.S.	1	Pivot	
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	N.S.S.	1	Carriage	
36	N.S.S.	1	Plate	
37	1001110704	1	Decal, Warning Crushing Hazard	
38	1001111190	2	Decal, Warning	

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

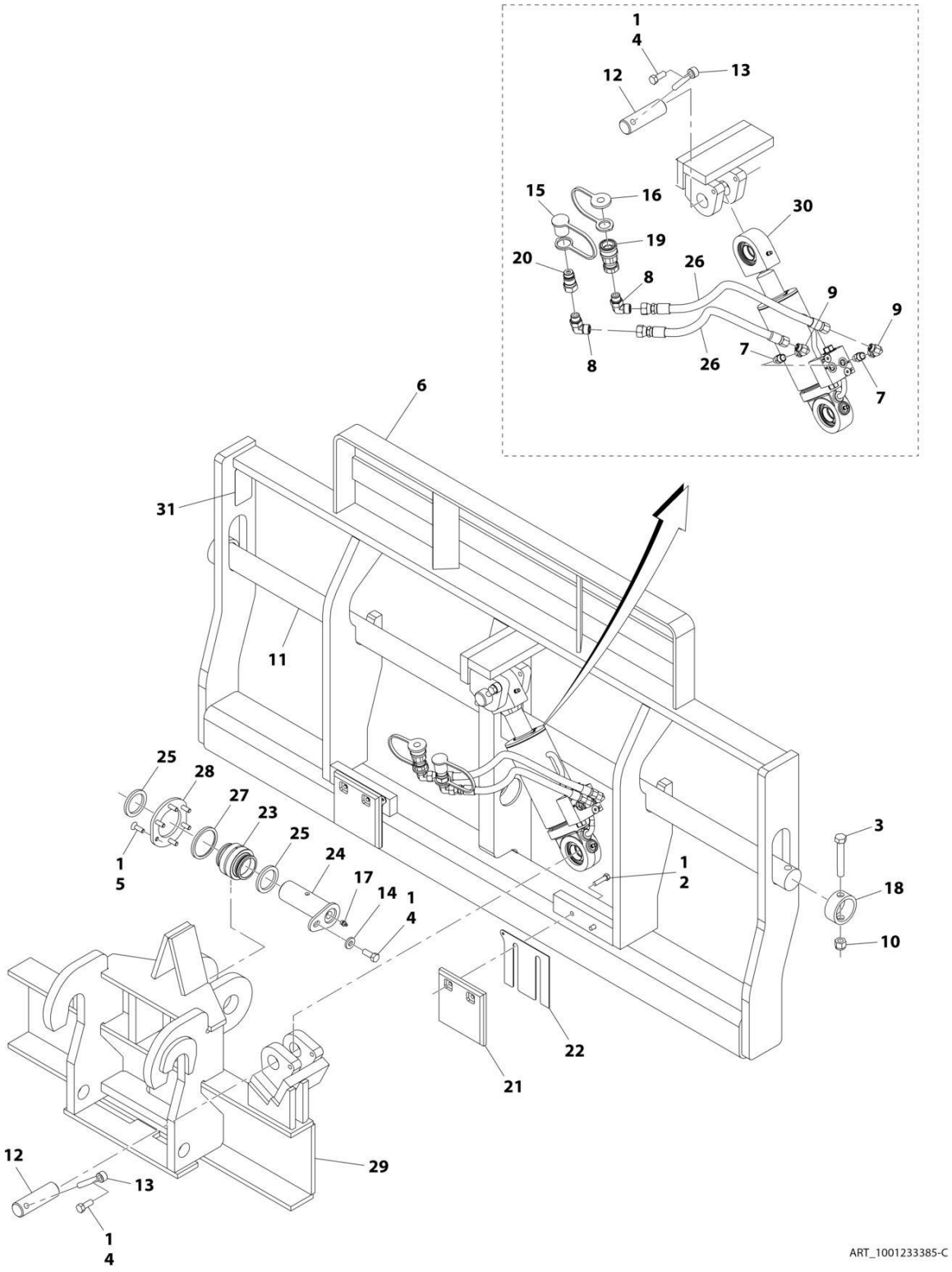


FIGURE 3-23. CARRIAGE ASSEMBLY - 72IN/12000# CAPACITY SIDE TILT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233385	Ref	Side Tilt Carriage Assembly (72 Inch)	C
1	0100011	AR	Compound, Locking	
2	0641612	4	Bolt, 3/8X1-1/2	
3	0642032	2	Bolt, 5/8X4	
4	0681810	3	Bolt, 1/2X1-1/4	
5	0741610	6	Screw, 3/8X1-1/4	
6	See Note	NSS	Carriage, Side tilt (Note: Purchase Complet Assembly)	
7	2110606	2	Adapter, Straight	
8	2130808	2	Adapter, 90	
9	2172106	2	Adapter, 90	
10	3300240	2	Nut 5/8	
11	3423276	1	Pin, Fork	
12	3423307	2	Pin, Side Tilt Cylinder	
13	3841203	2	Keeper, Rod	
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	Adapter	
20	91403414	1	Adapter	
21	1001090063	2	Pad, Wear	
22	1001090064	AR	Shim, Wear Pad	
23	1001090140	1	Bearing, Side Tilt Spherical	
24	1001099113	1	Pin, Side Tilt Frame Pivot	
25	1001099115	2	Sleeve, Tilt Bearing Spacer	
26	1001239734	2	Hose	
27	1001120914	1	Shim, Bearing Retainer	
28	1001120915	1	Plate, Bearing Retainer	
29	1001133072	1	Carriage, Base Pivot	
30	1001163414	1	Cylinder, Side Tilt (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
31	See Note	NSS	S/N Plate (Note: Stamped Part - Not Available for Purchase)	

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

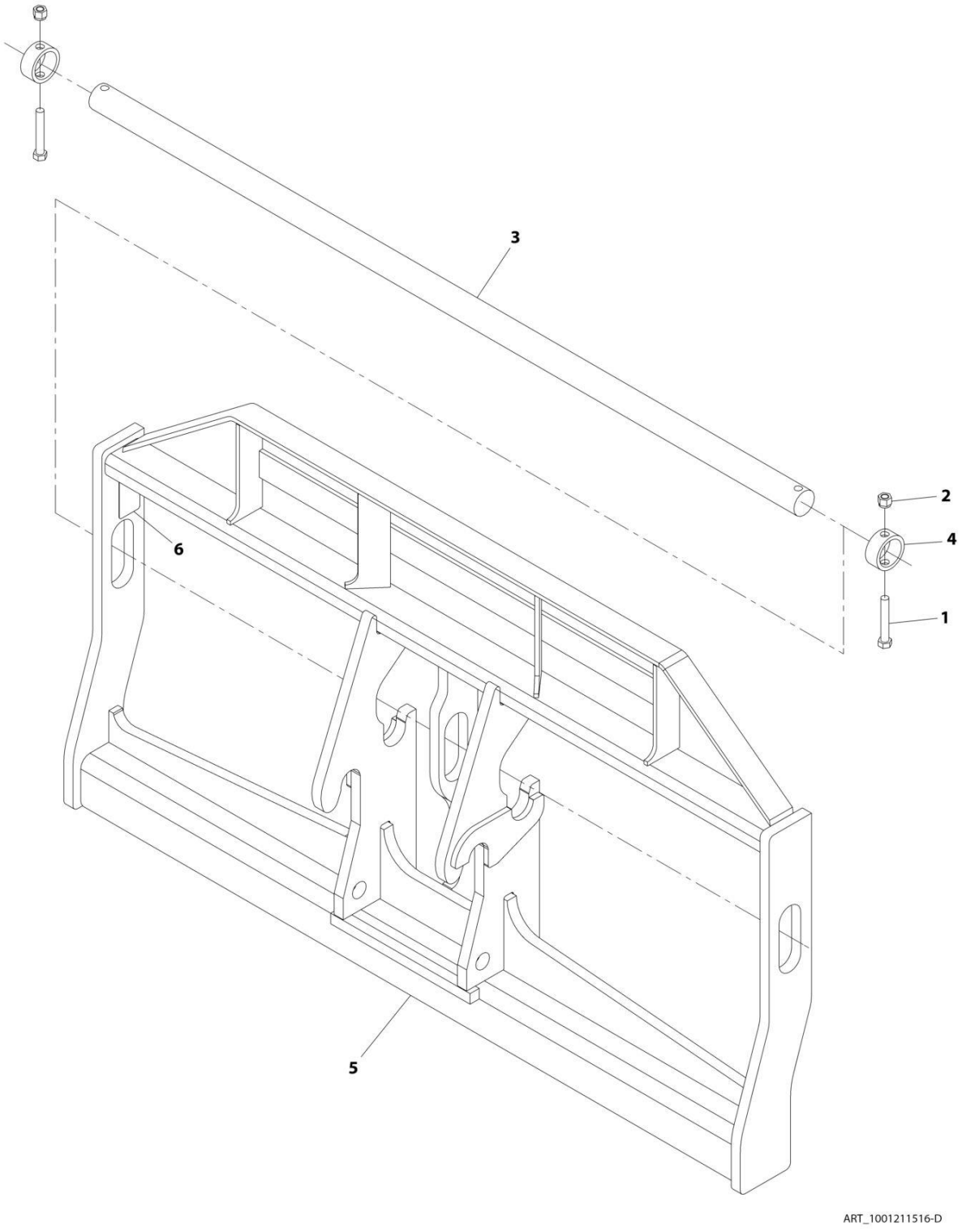


FIGURE 3-24. CARRIAGE ASSEMBLY - 72IN/15000# CAPACITY STANDARD

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

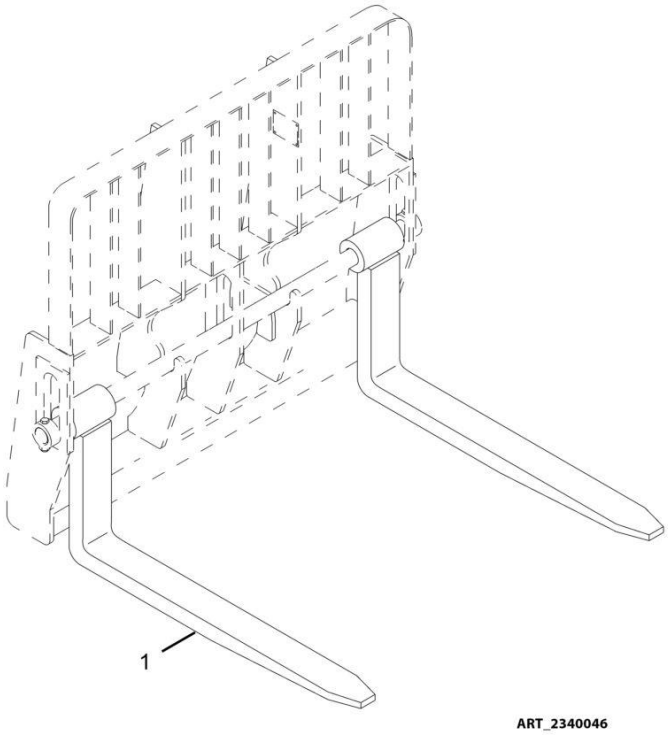


FIGURE 3-25. FORK 1.75X7X60 / 5400# CAPACITY

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

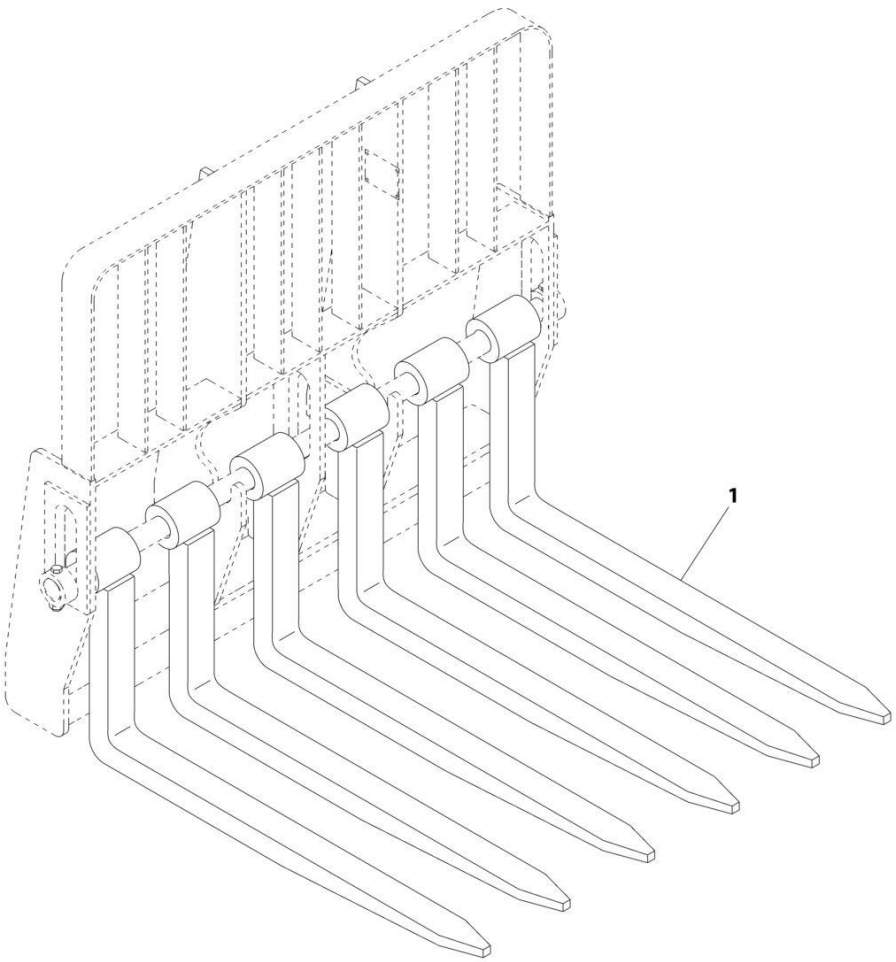
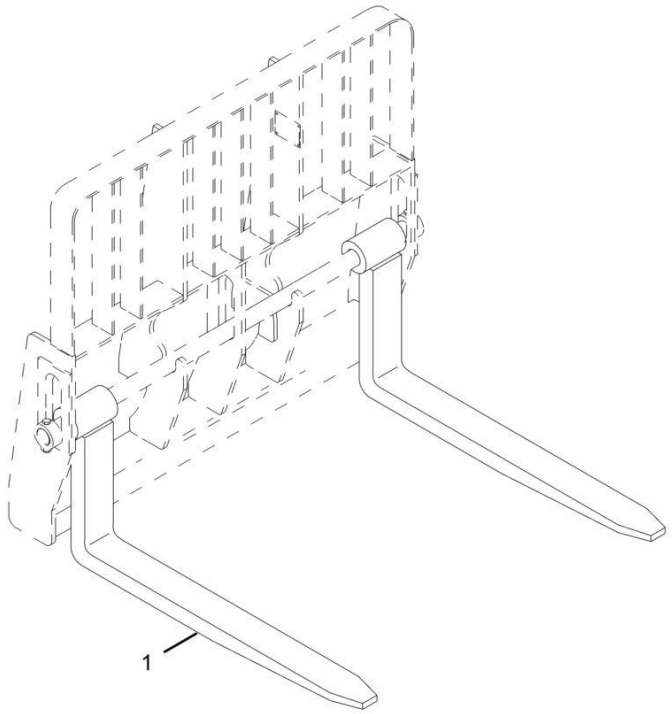


FIGURE 3-26. FORK 2X2X48 / 1940# CAPACITY

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 / 5650# CAPACITY (PVC1911)



ART_1001092391

FIGURE 3-27. FORK 2.00X6X72 / 5650# CAPACITY (PVC1911)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001092391	2	Dual Taper Fork (2.00X6X72)	C
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 3-28. FORK 2.00X6X72 / 6610# CAPACITY (PVC2005)

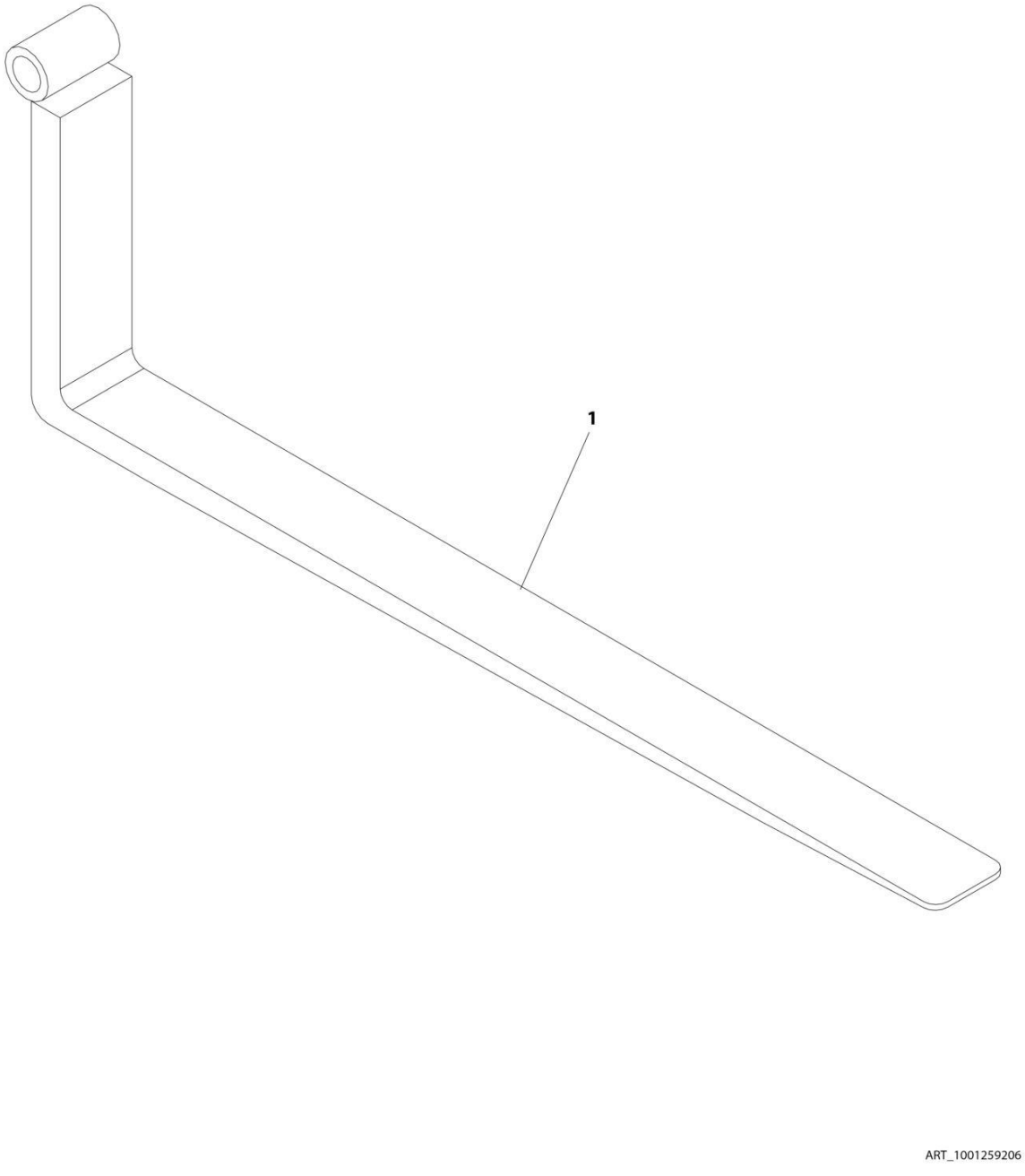


FIGURE 3-28. FORK 2.00X6X72 / 6610# CAPACITY (PVC2005)

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 3-29. FORK 2.36X4X48 / 5000# CAPACITY

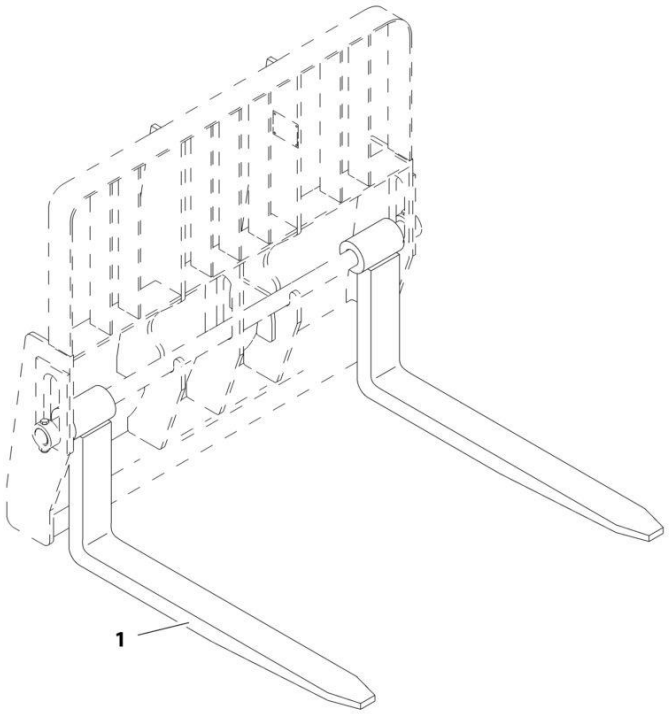


FIGURE 3-29. FORK 2.36X4X48 / 5000# CAPACITY

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 3-30. FORK 2.36X4X48 / 5475# CAPACITY

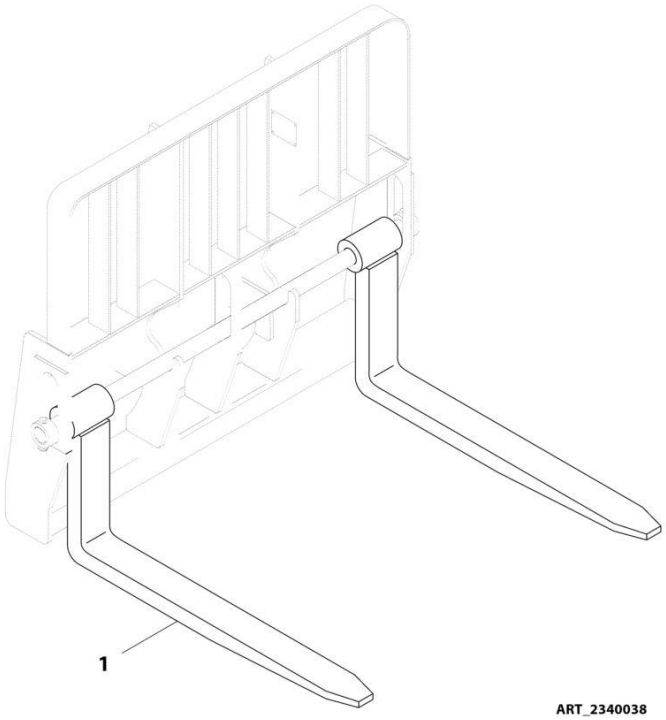


FIGURE 3-30. FORK 2.36X4X48 / 5475# CAPACITY

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 3-31. FORK 2.36X4X60 / 5000# CAPACITY

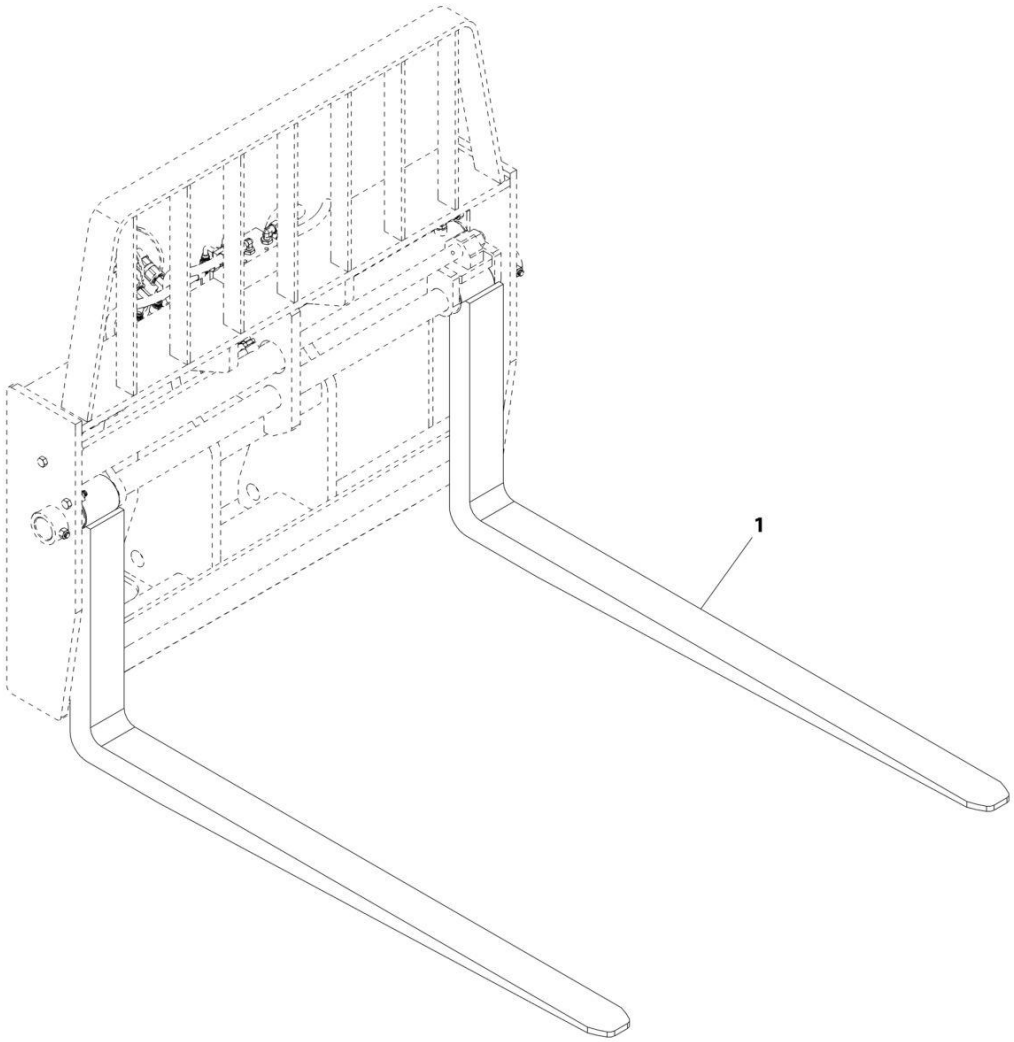


FIGURE 3-31. FORK 2.36X4X60 / 5000# CAPACITY

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 3-32. FORK 2.36X5X48 / 6850# CAPACITY

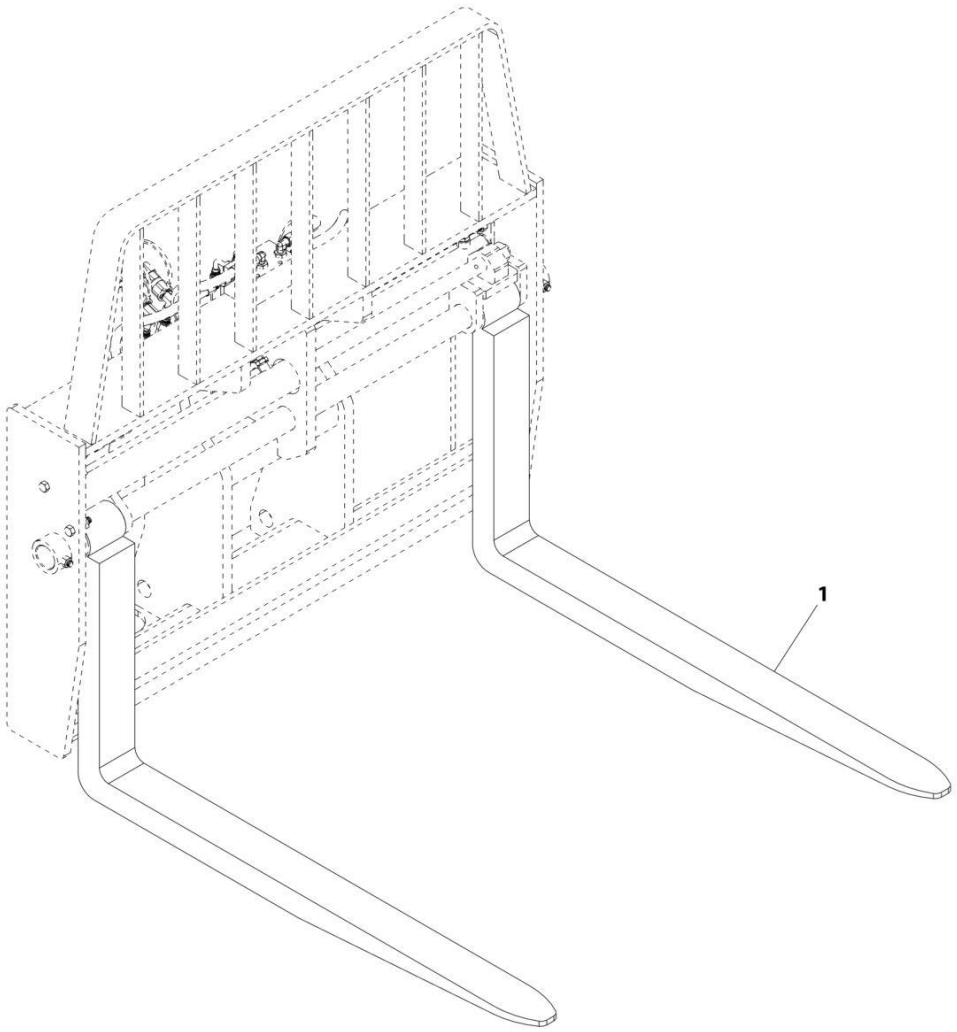


FIGURE 3-32. FORK 2.36X5X48 / 6850# CAPACITY

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 3-33. FORK 2.36X5X60 / 6850# CAPACITY

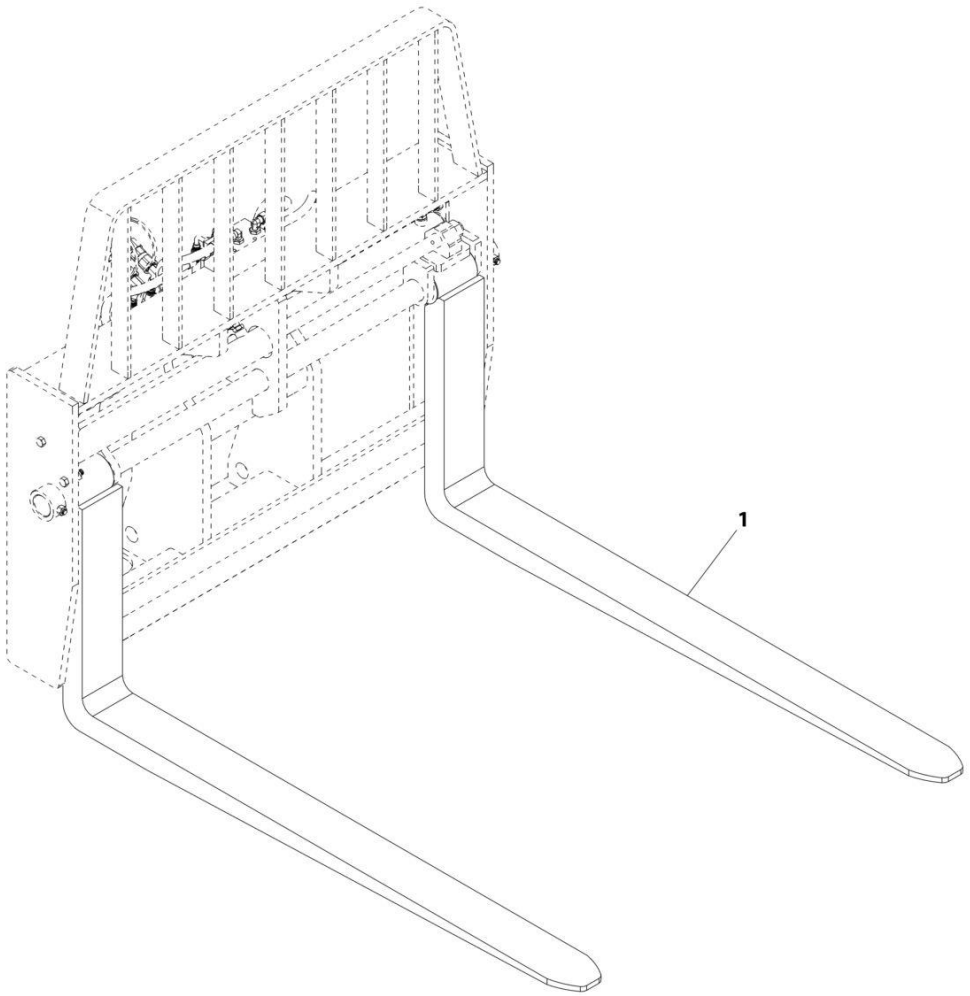
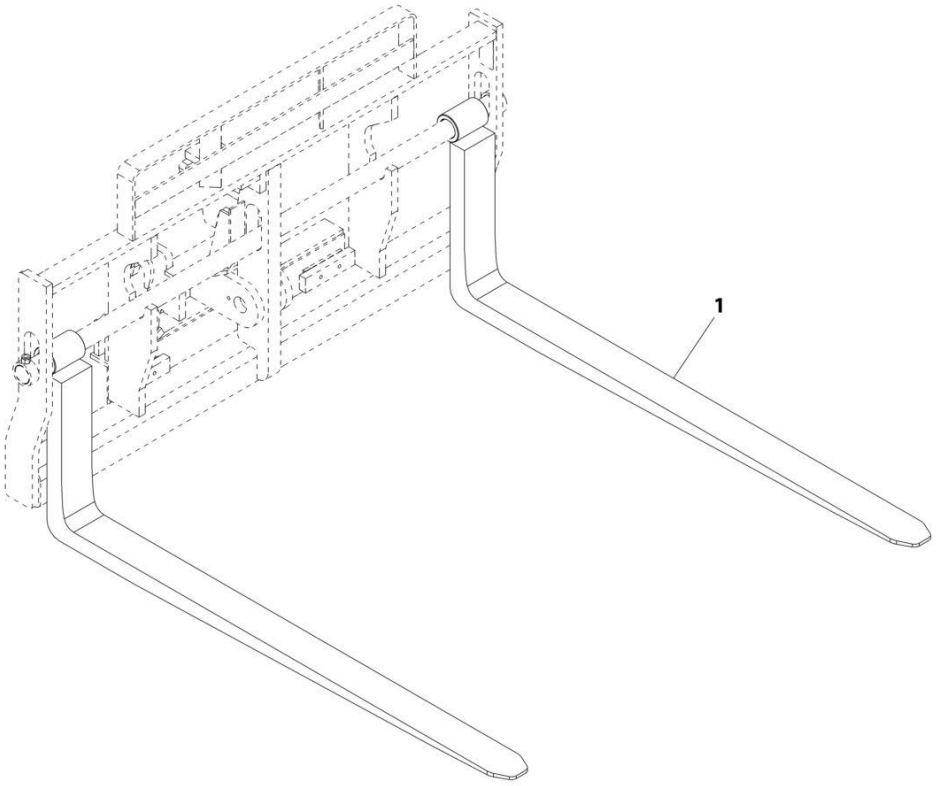


FIGURE 3-33. FORK 2.36X5X60 / 6850# CAPACITY

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 3-34. FORK 2.36X5X72 / 6850# CAPACITY



ART_1001232355

FIGURE 3-34. 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 3-35. FORK 2.36X6X60 / 8150# CAPACITY

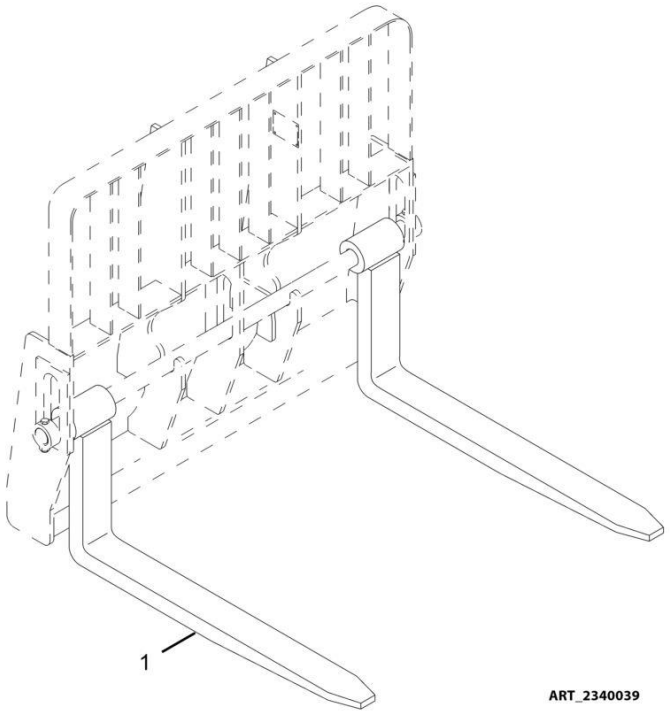


FIGURE 3-35. FORK 2.36X6X60 / 8150# CAPACITY

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 3-36. FORK EXTENSION - 90IN

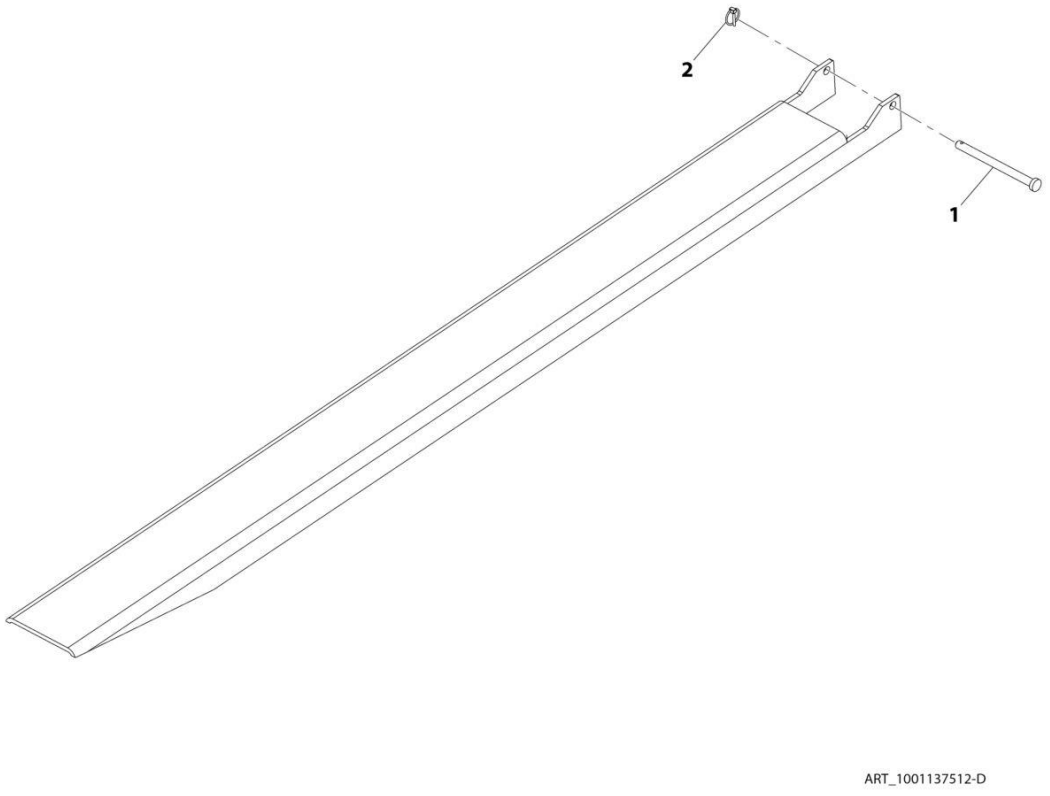
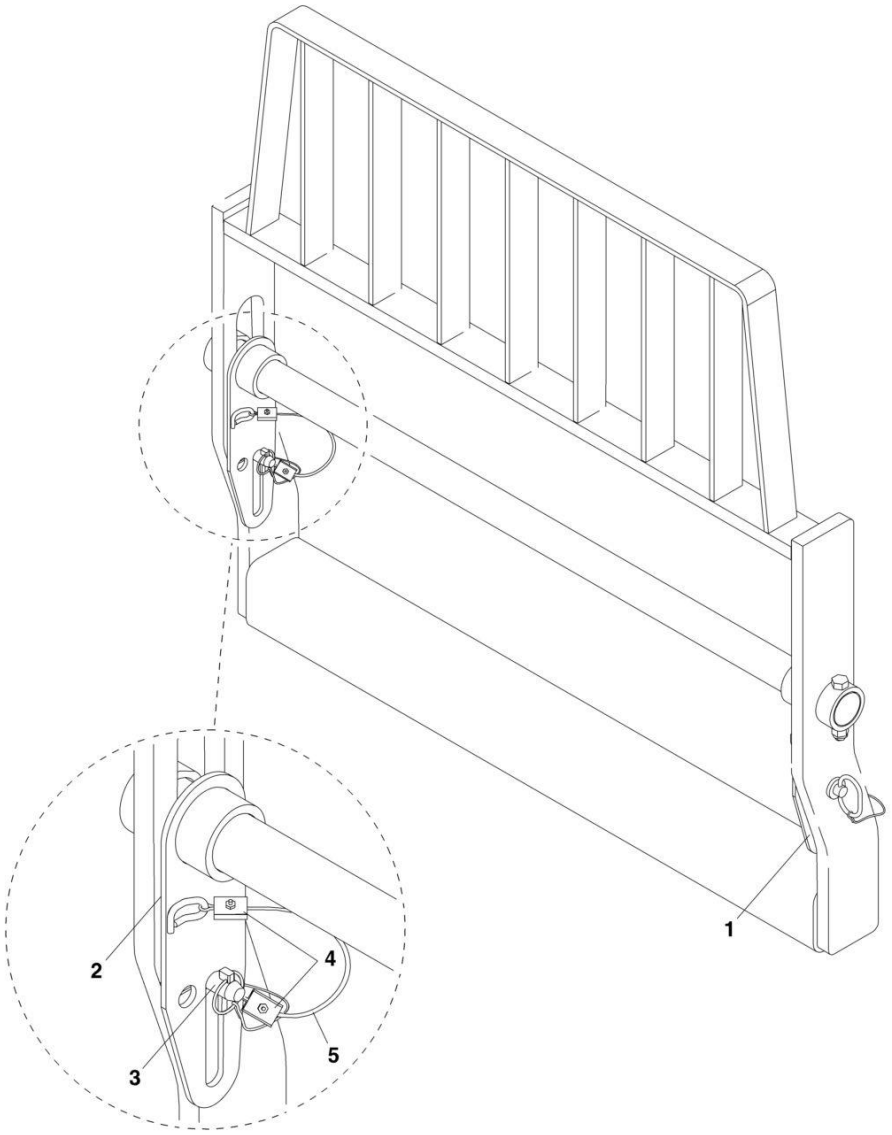


FIGURE 3-36. FORK EXTENSION - 90IN

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

FIGURE 3-37. FORK PIN LOCK INSTALLATION



ART_1001093465_B

FIGURE 3-37. 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 3-38. HOOK, COUPLING

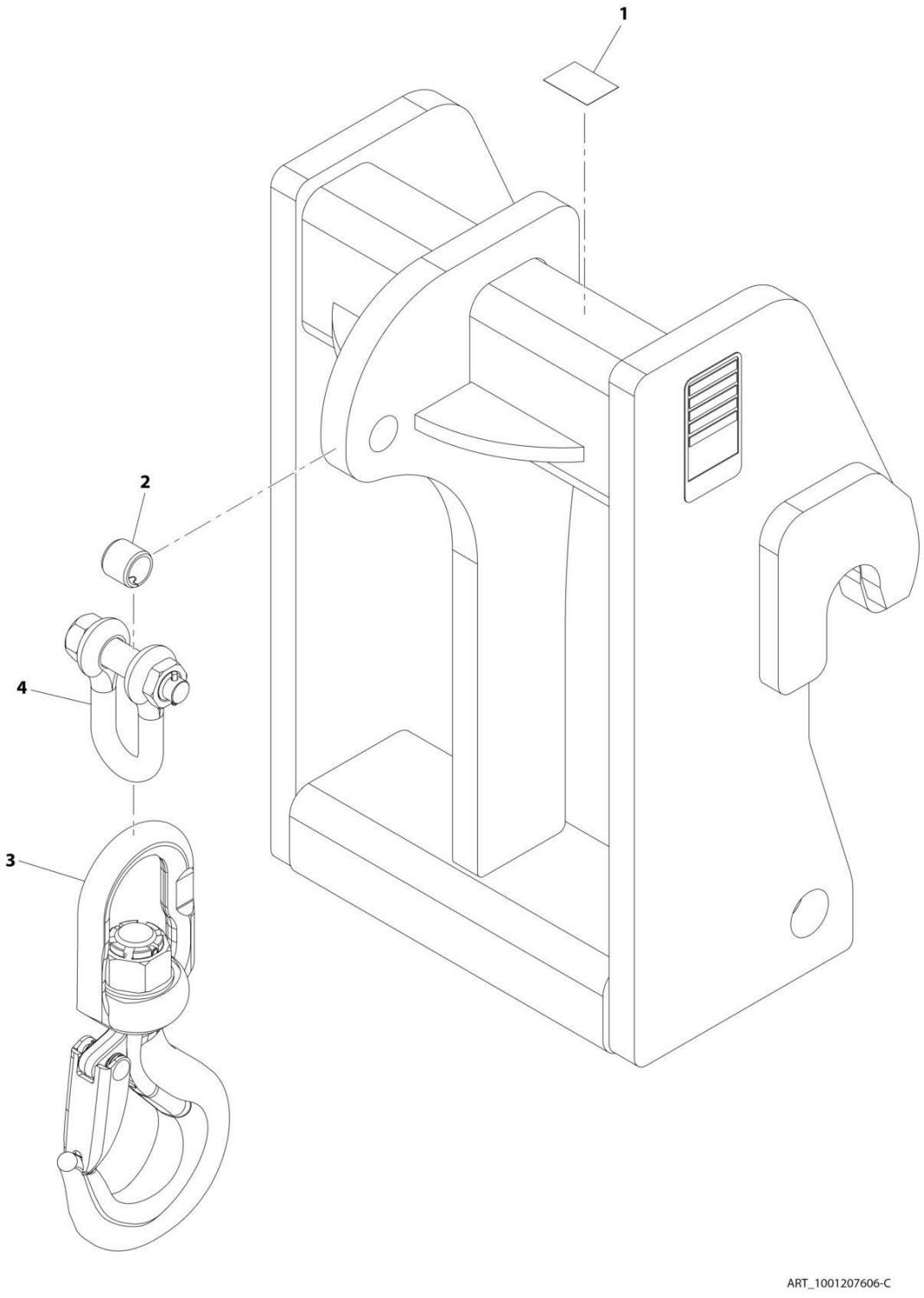


FIGURE 3-38. HOOK, COUPLING

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

FIGURE 3-39. HOOK, CRANE

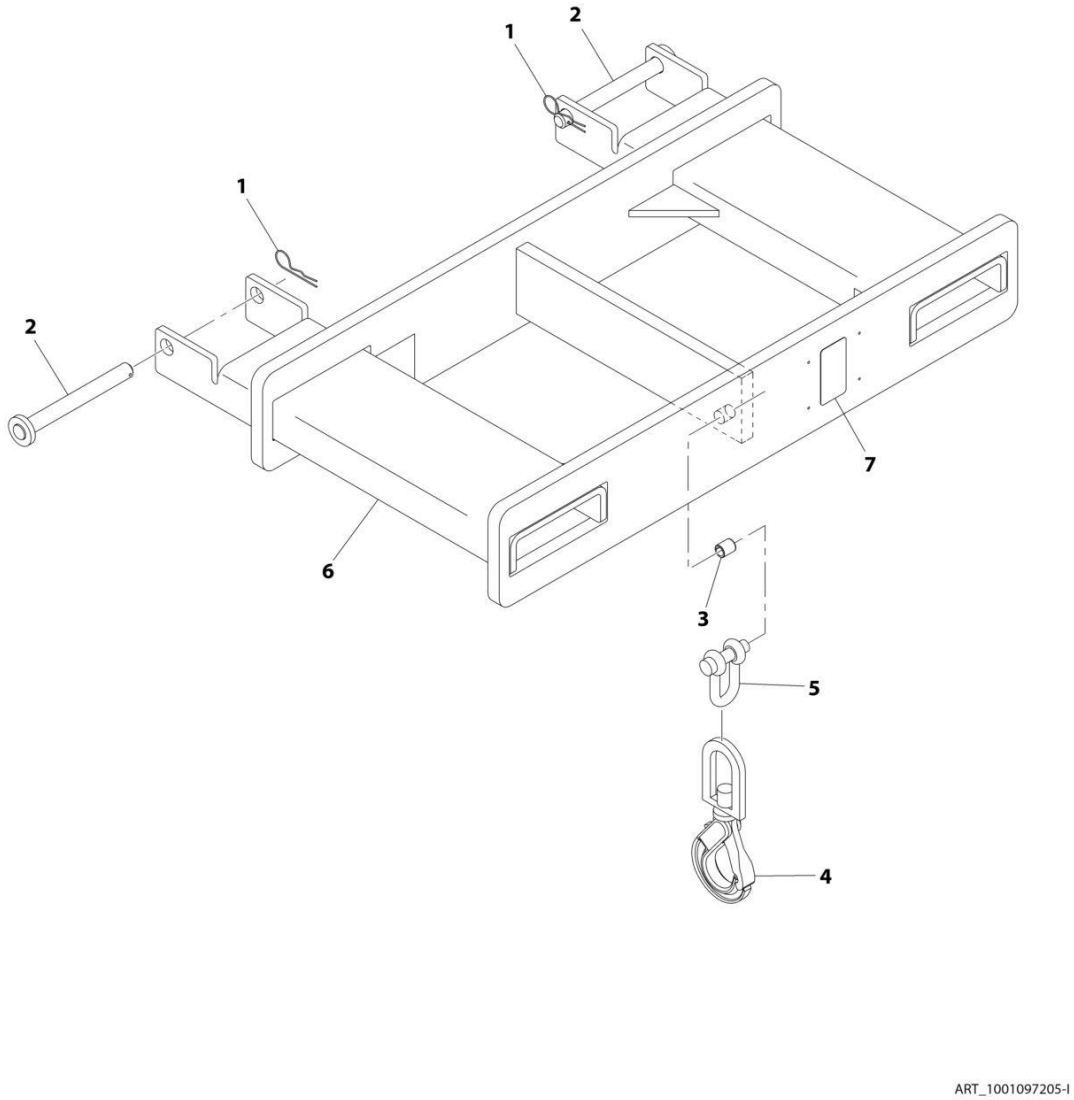
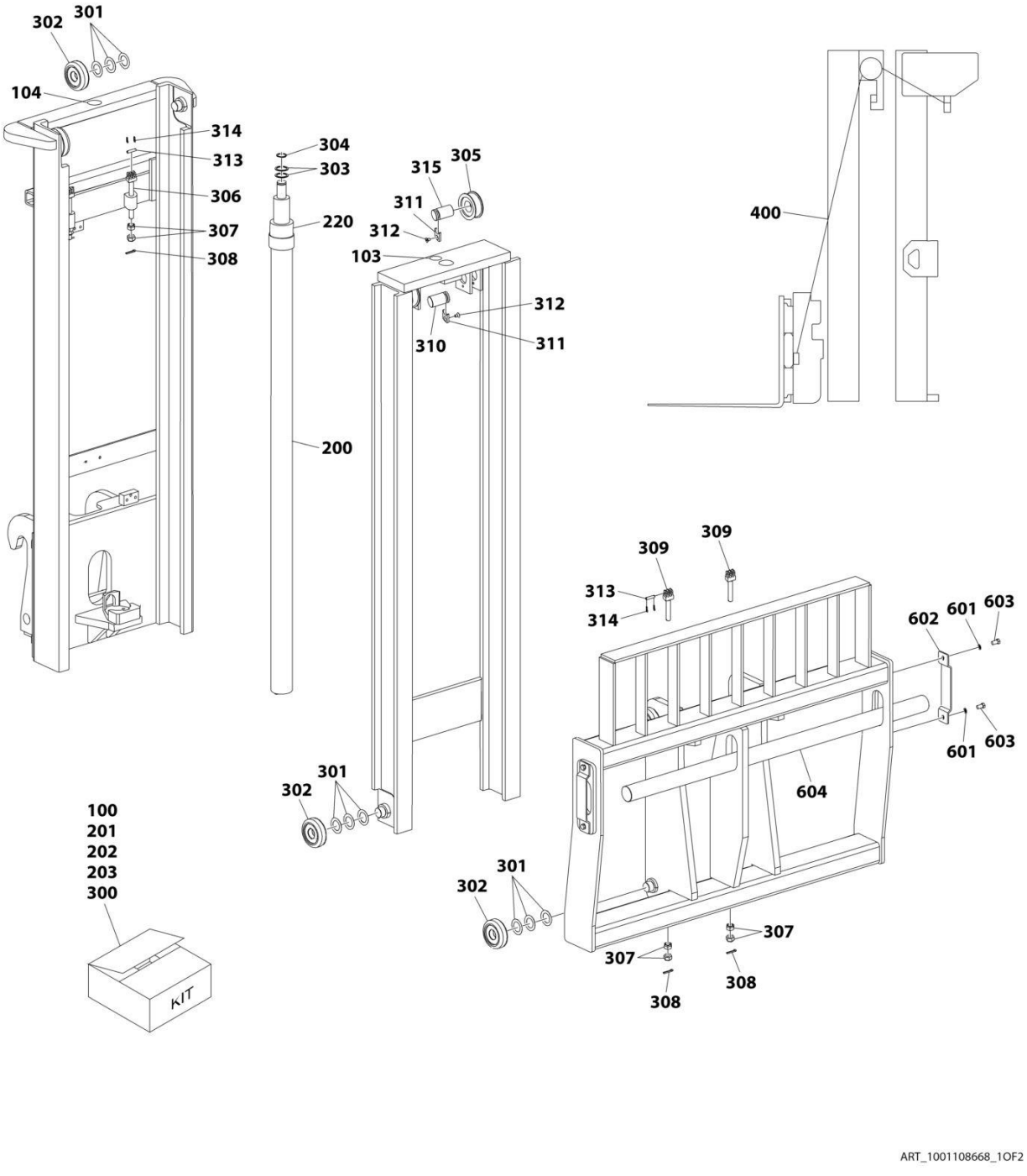


FIGURE 3-39. HOOK, CRANE

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 3-40. MAST, VERTICAL - 8FT



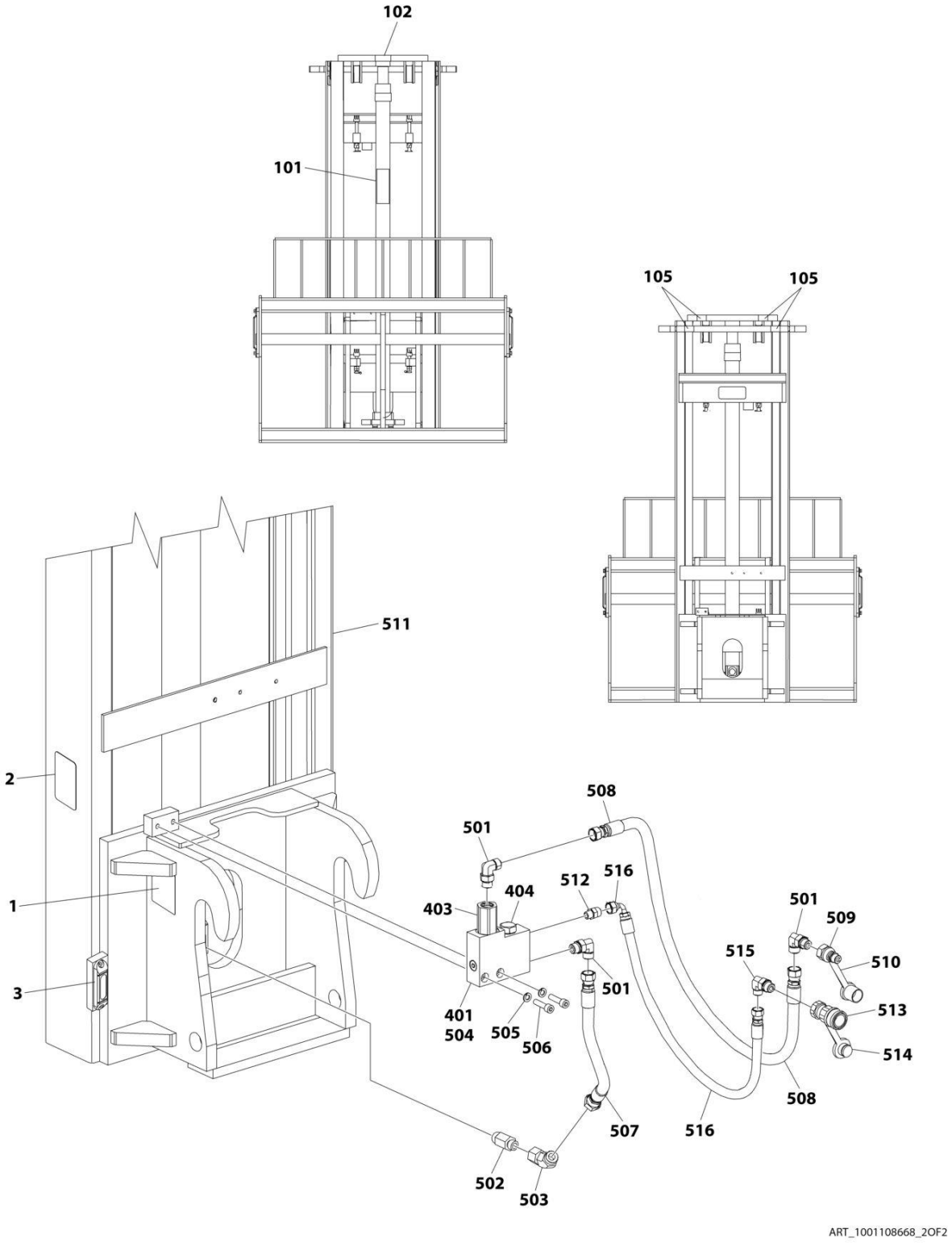
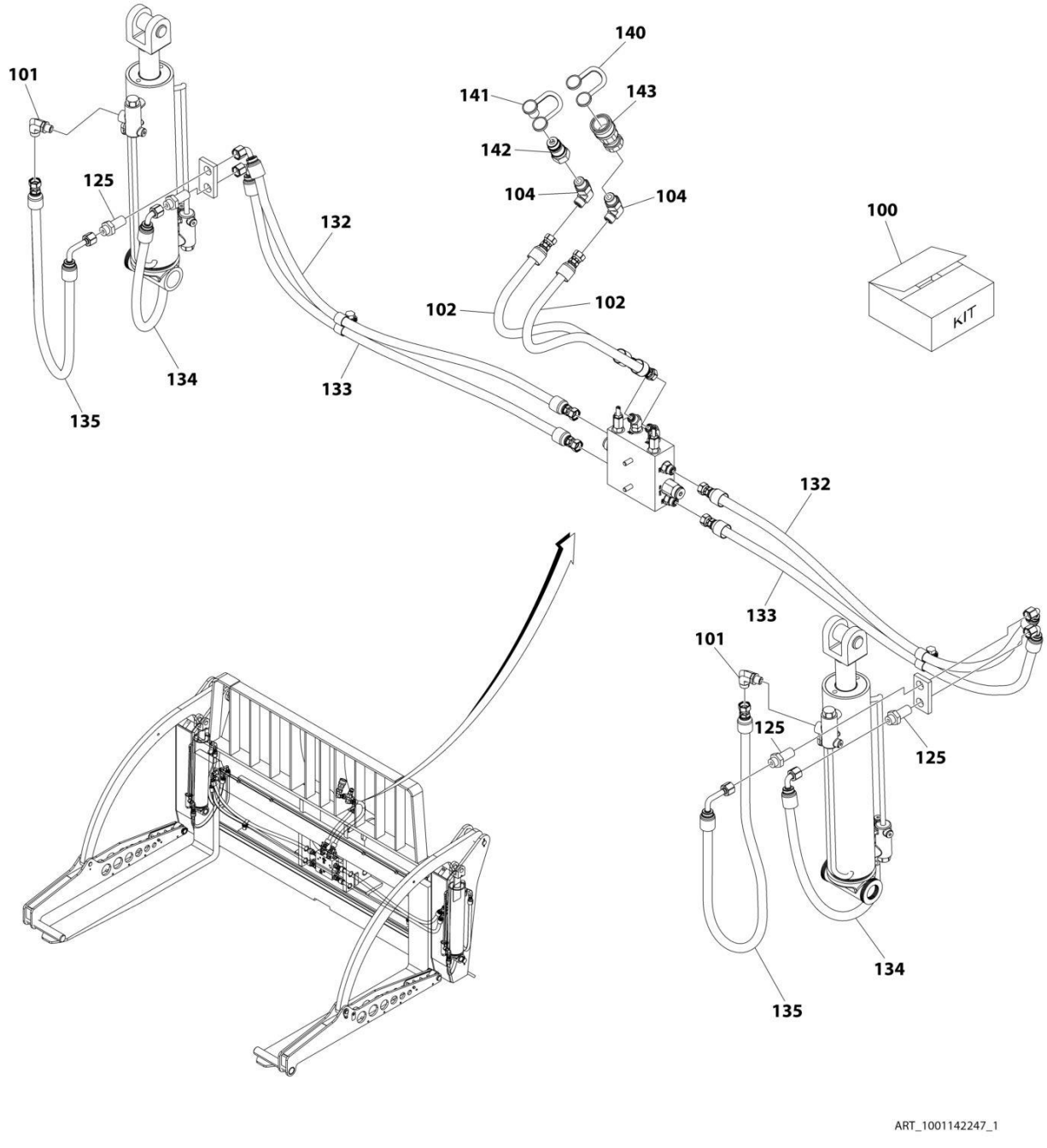

102
101
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502
503
ART_1001108668_2OF2

FIGURE 3-40. 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 3-41. PIPE HANDLER (10042,10054)



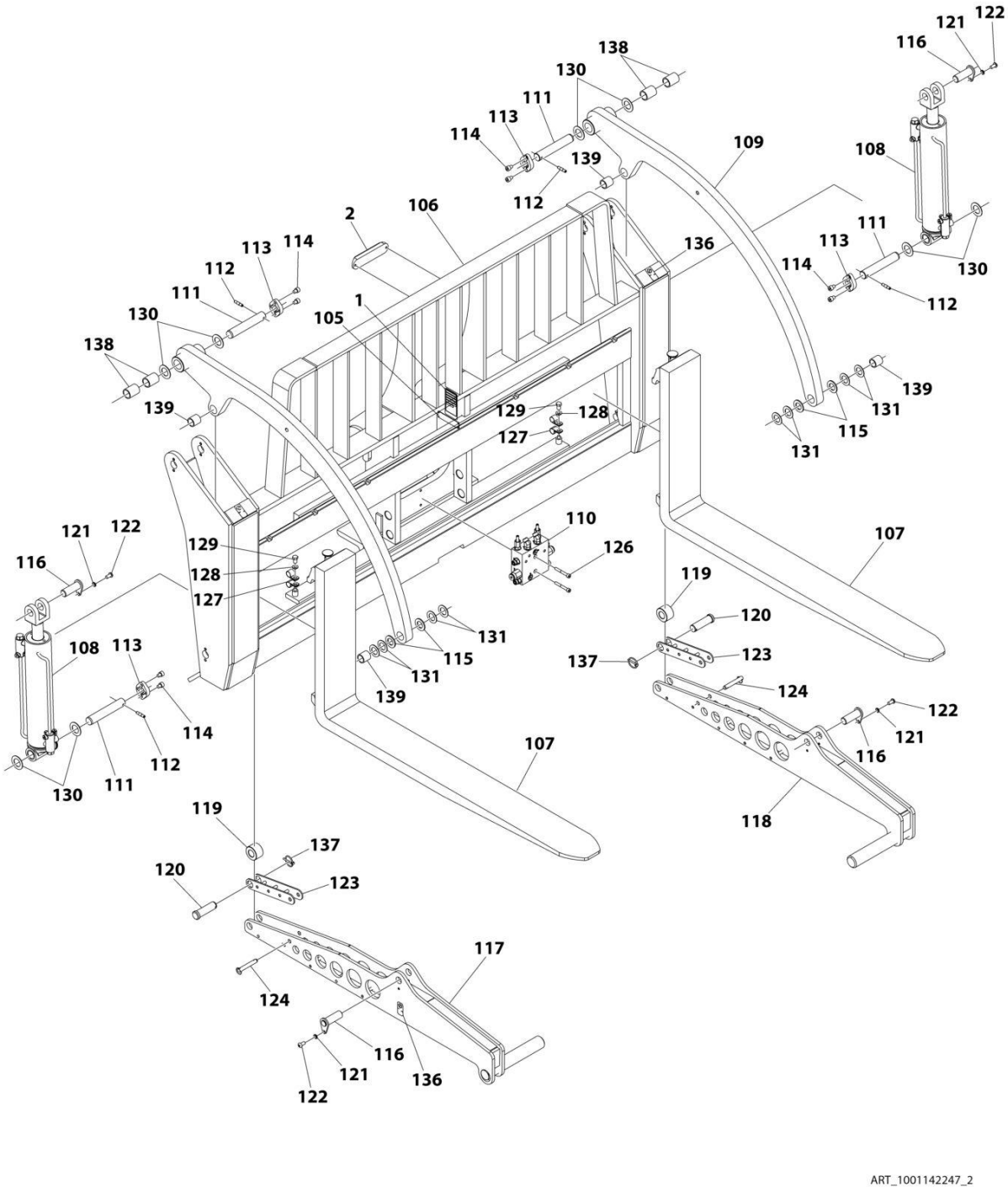

ART_1001142247_2

FIGURE 3-41. PIPE HANDLER (10042,10054)

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 3-42. SHEET MATERIAL HANDLER

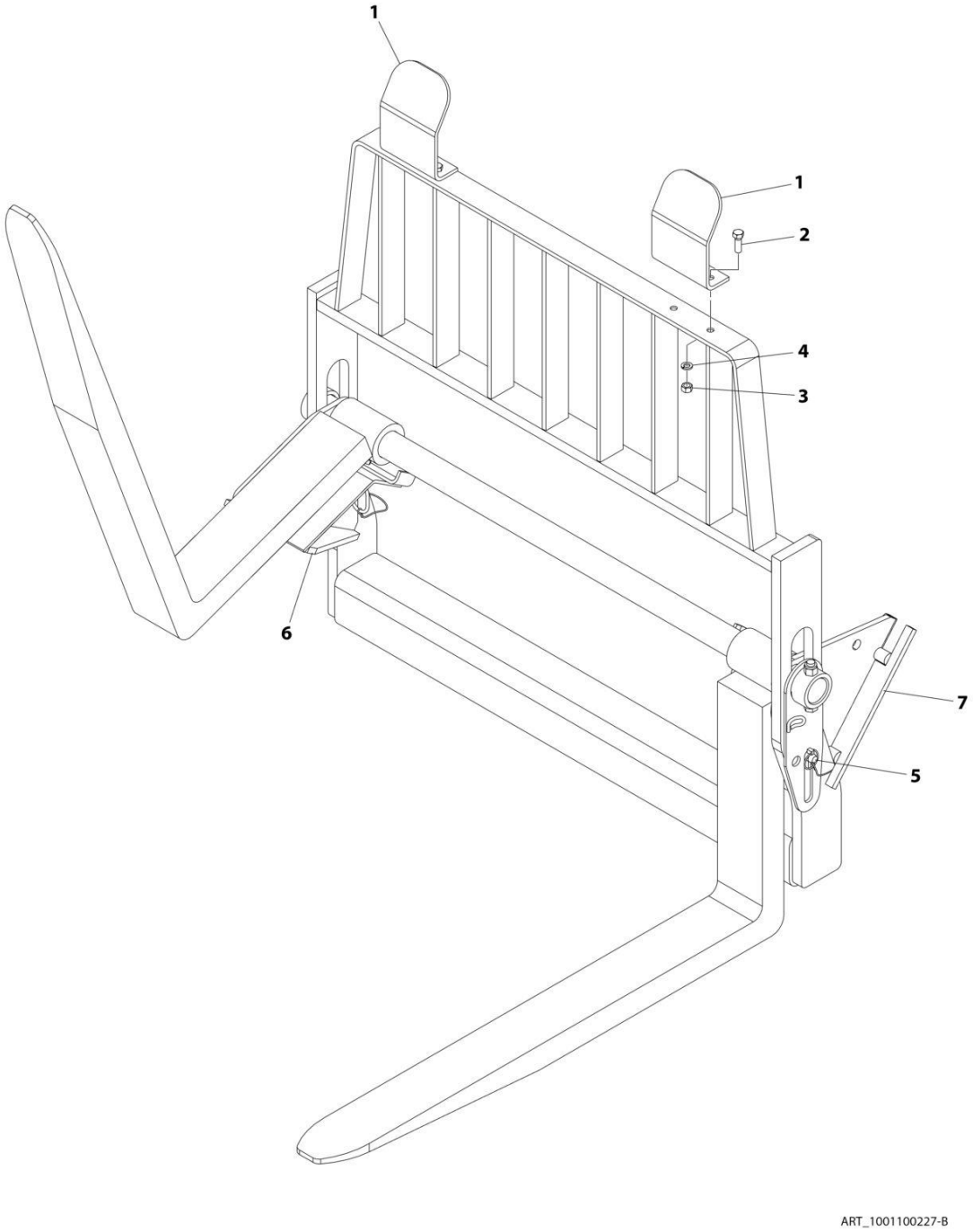


FIGURE 3-42. SHEET MATERIAL HANDLER

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 3-43. SHEET MATERIAL HANDLER FORK SUPPORT (LH)

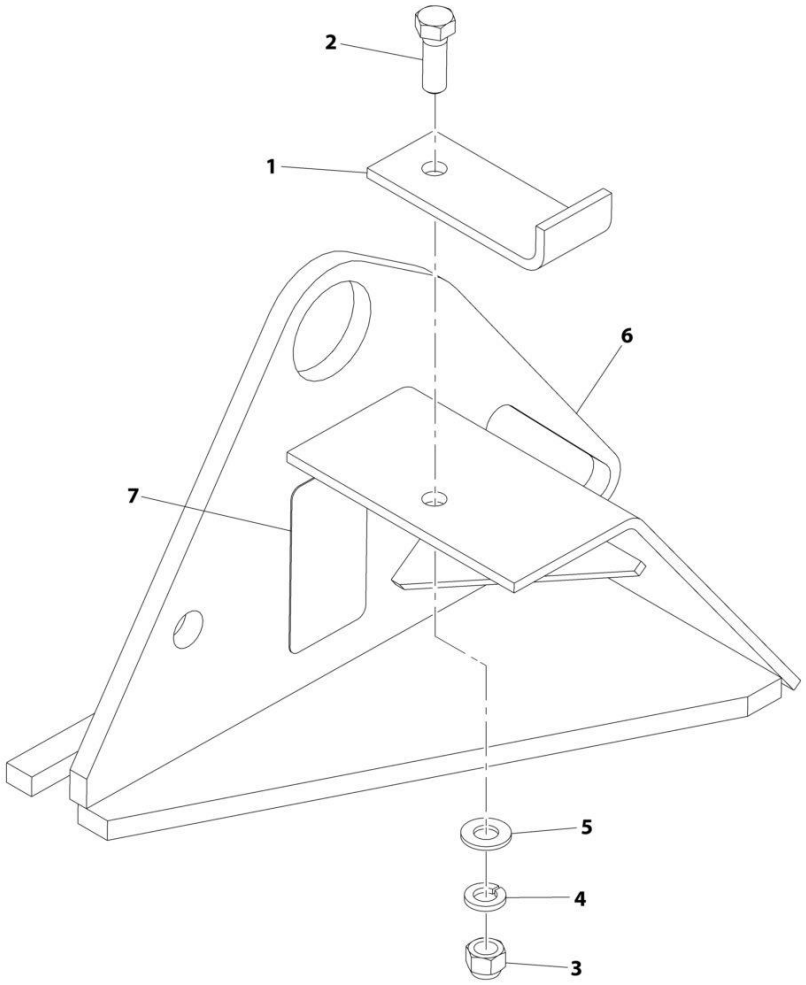
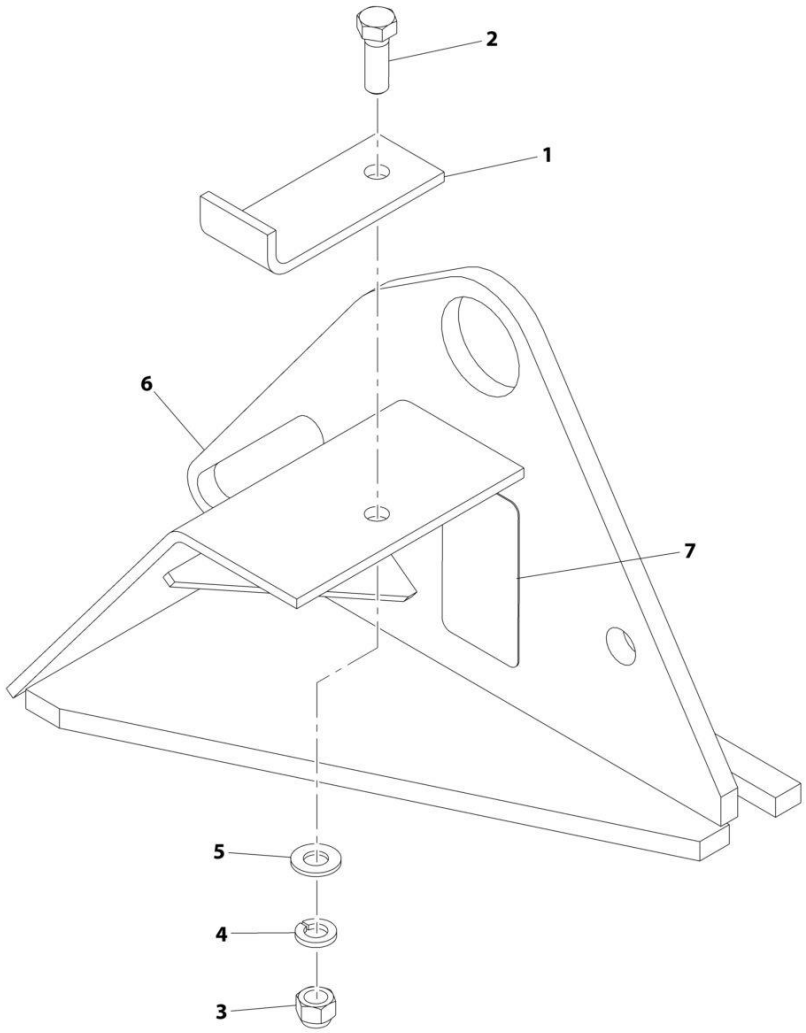


FIGURE 3-43. SHEET MATERIAL HANDLER FORK SUPPORT (LH)

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 3-44. SHEET MATERIAL HANDLER FORK SUPPORT (RH)



ART_1001101115-D

FIGURE 3-44. 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 3-45. SWEEPER ASSEMBLY

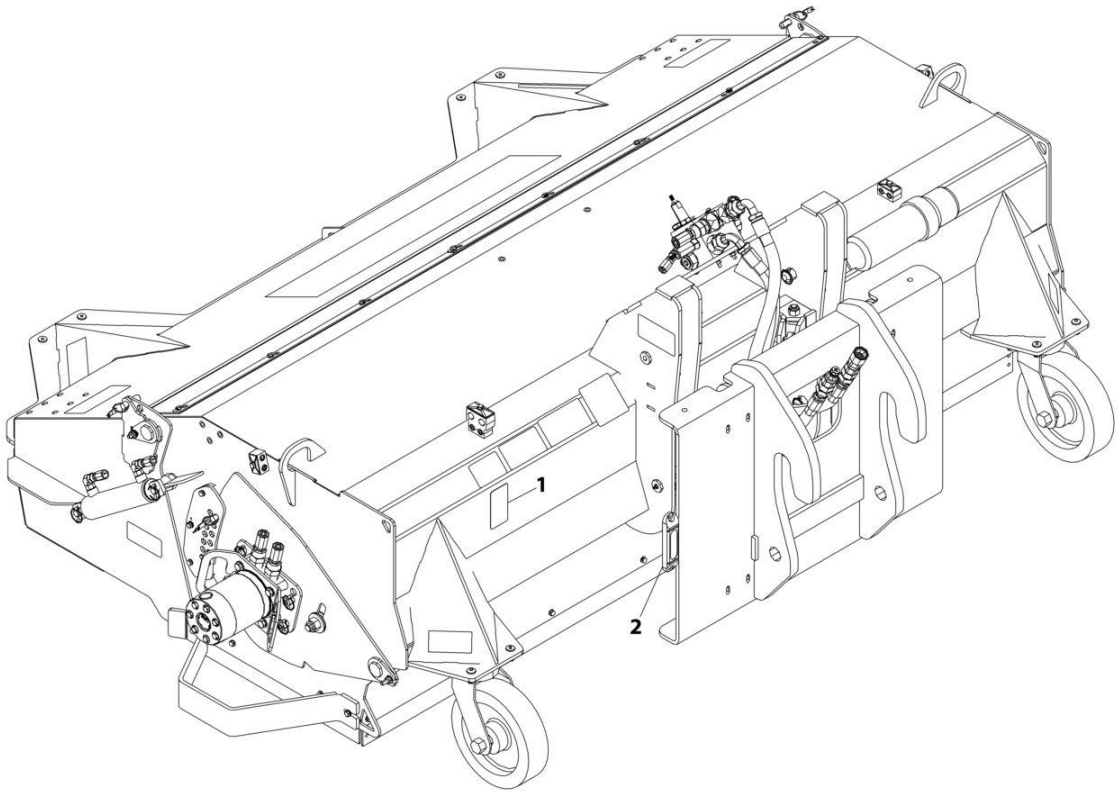


FIGURE 3-45. SWEEPER ASSEMBLY

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 3-46. SWEEPER ASSEMBLY - BODY

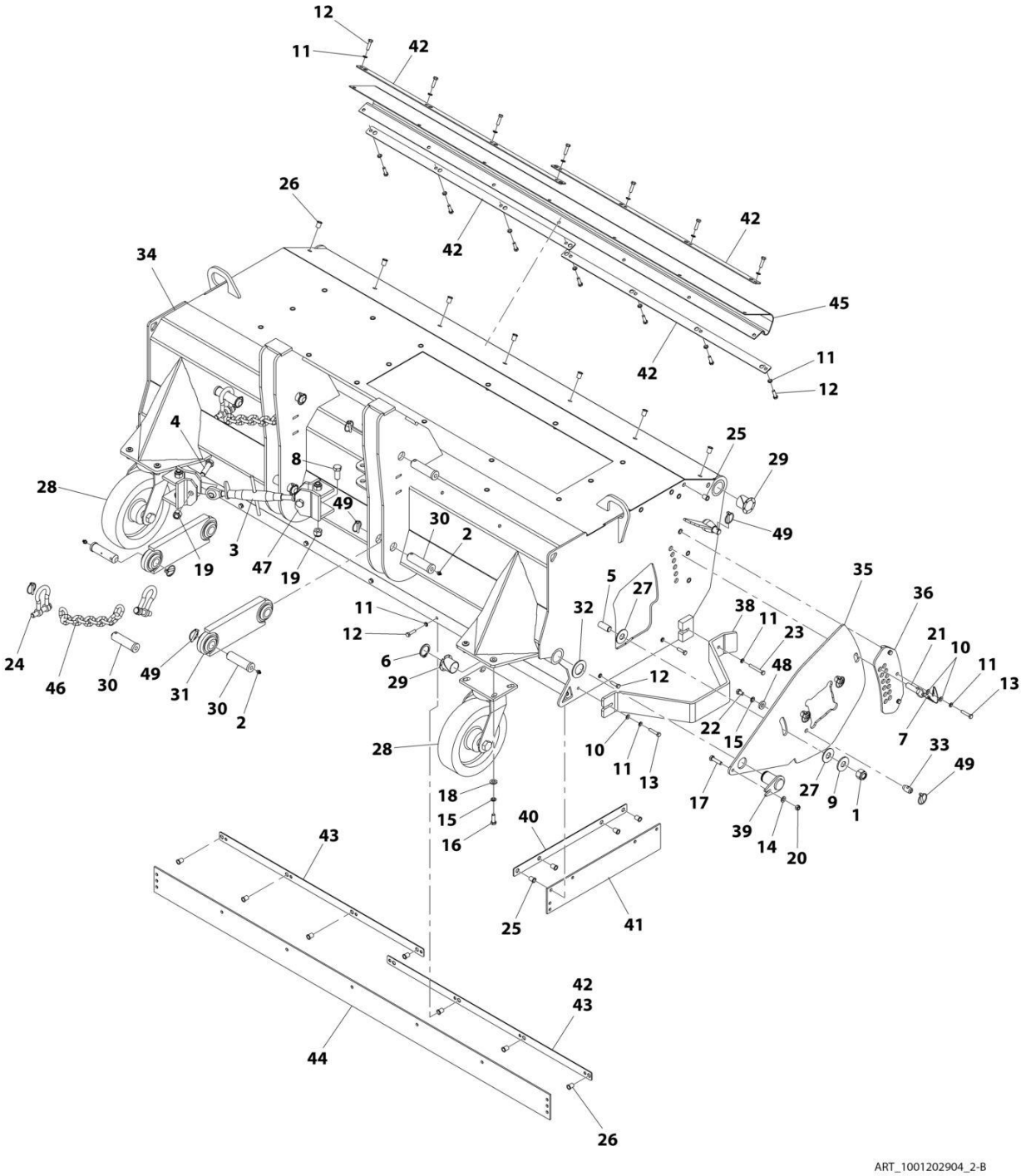


FIGURE 3-46. SWEEPER ASSEMBLY - BODY

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 - CORE

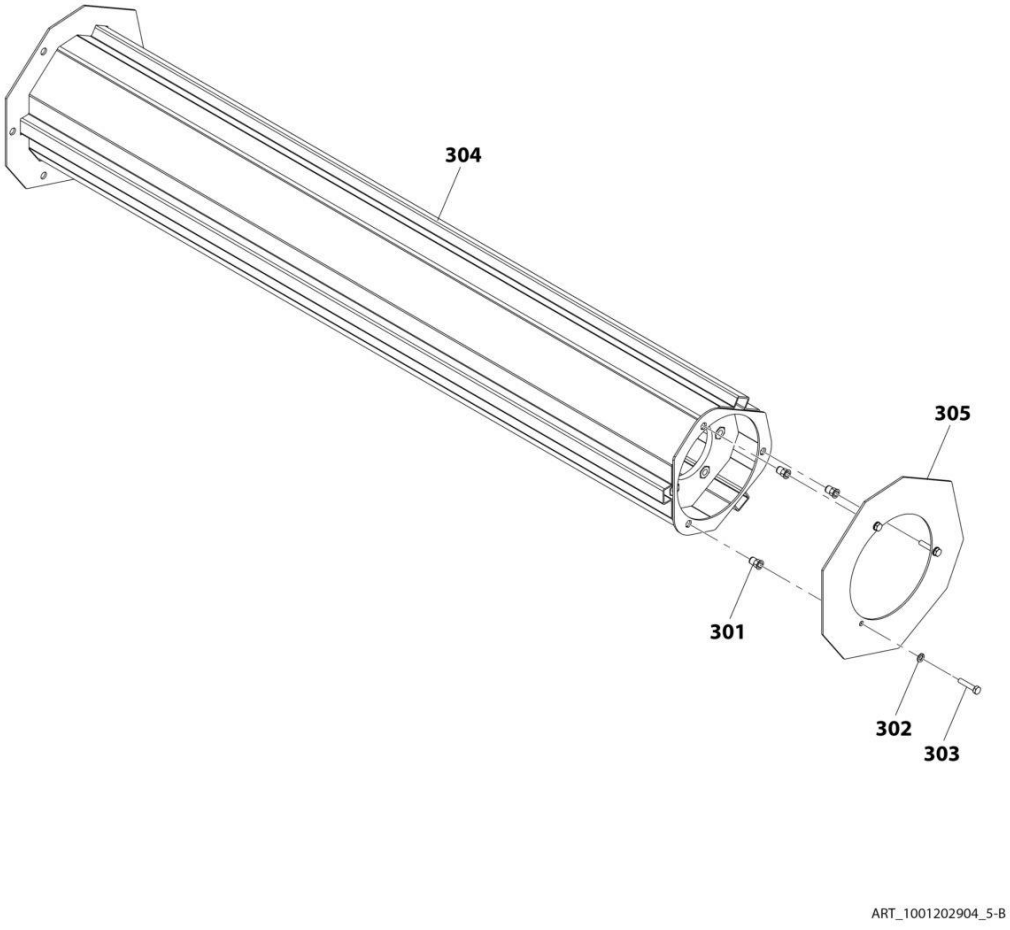


FIGURE 3-47. SWEEPER ASSEMBLY - CORE

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 3-48. SWEEPER ASSEMBLY - HYDRAULIC SINGLE MOTOR ASSEMBLY

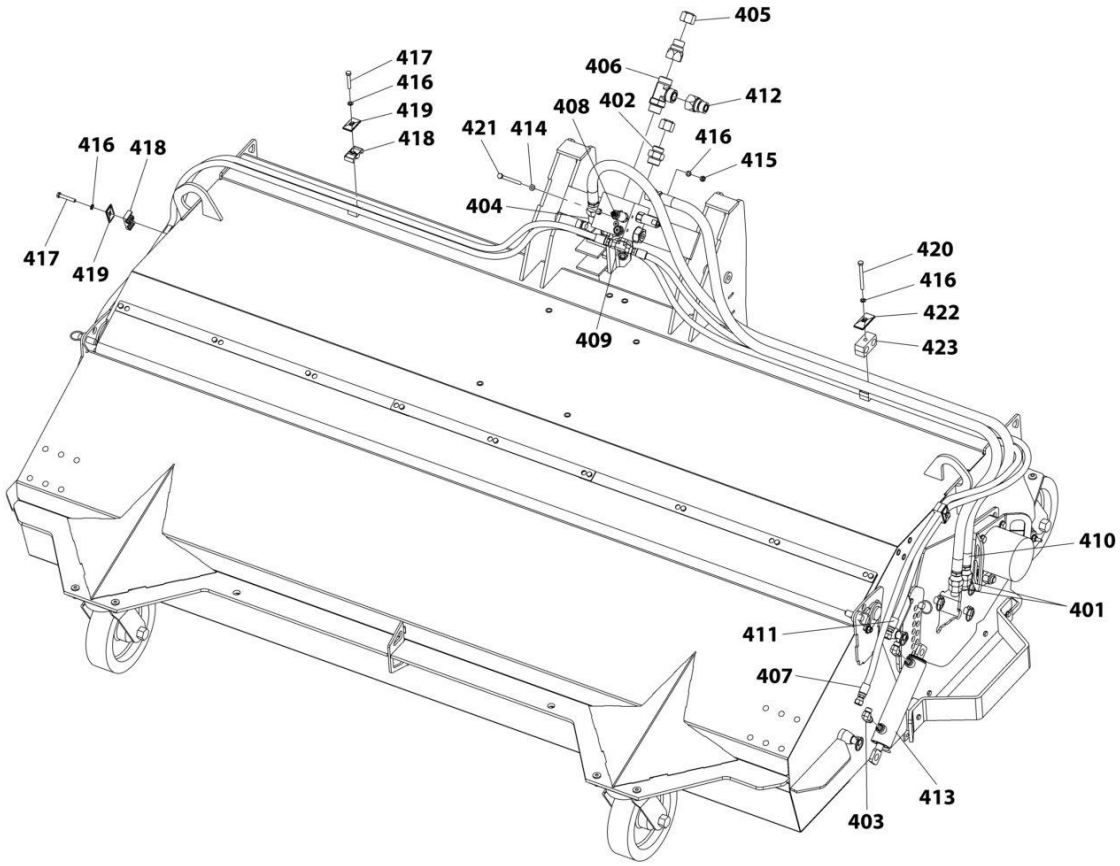


FIGURE 3-48. SWEEPER ASSEMBLY - HYDRAULIC SINGLE MOTOR ASSEMBLY

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 3-49. SWEEPER ASSEMBLY - HOPPER

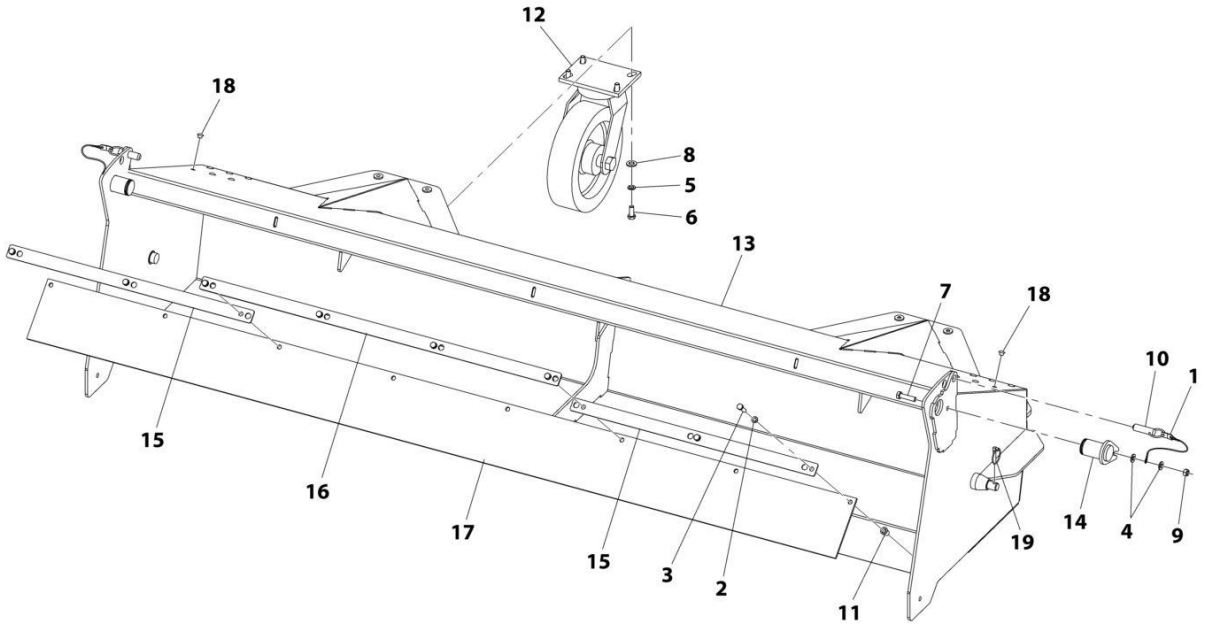


FIGURE 3-49. SWEEPER ASSEMBLY - HOPPER

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 3-50. SWEEPER ASSEMBLY - IDLER

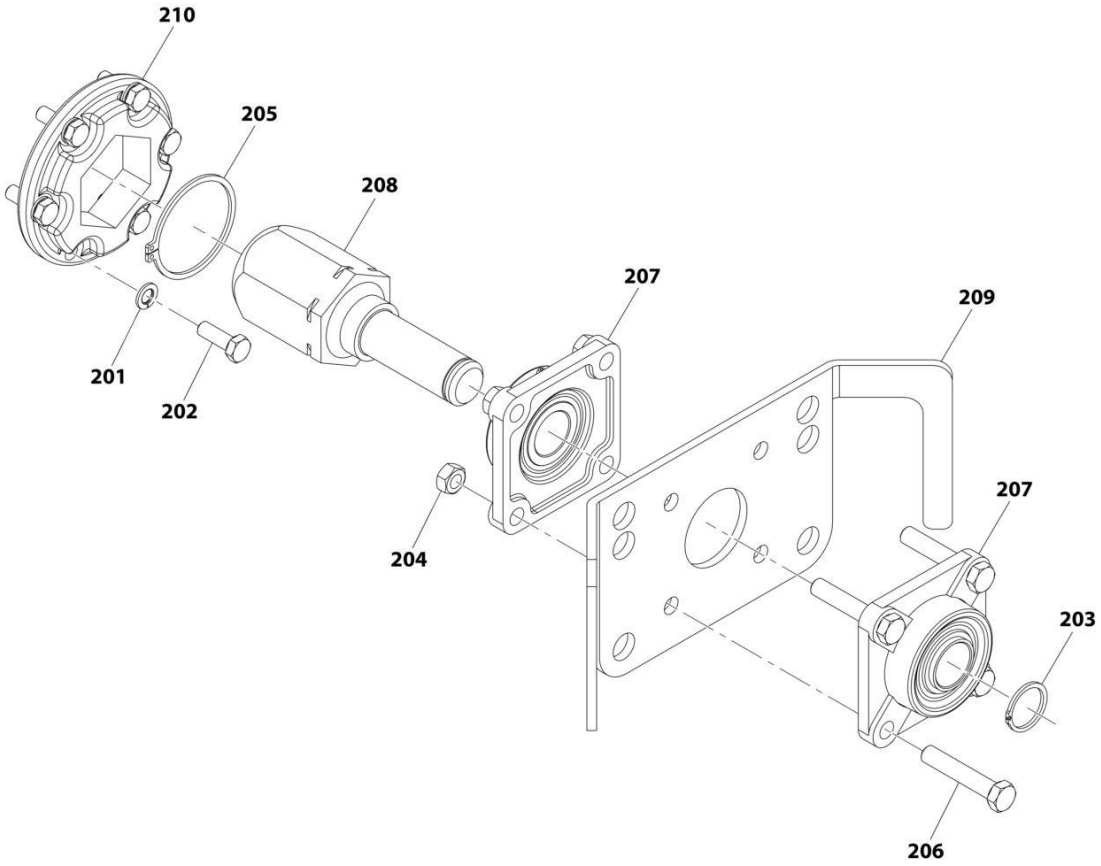


FIGURE 3-50. SWEEPER ASSEMBLY - IDLER

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 3-51. SWEEPER ASSEMBLY - MOTOR

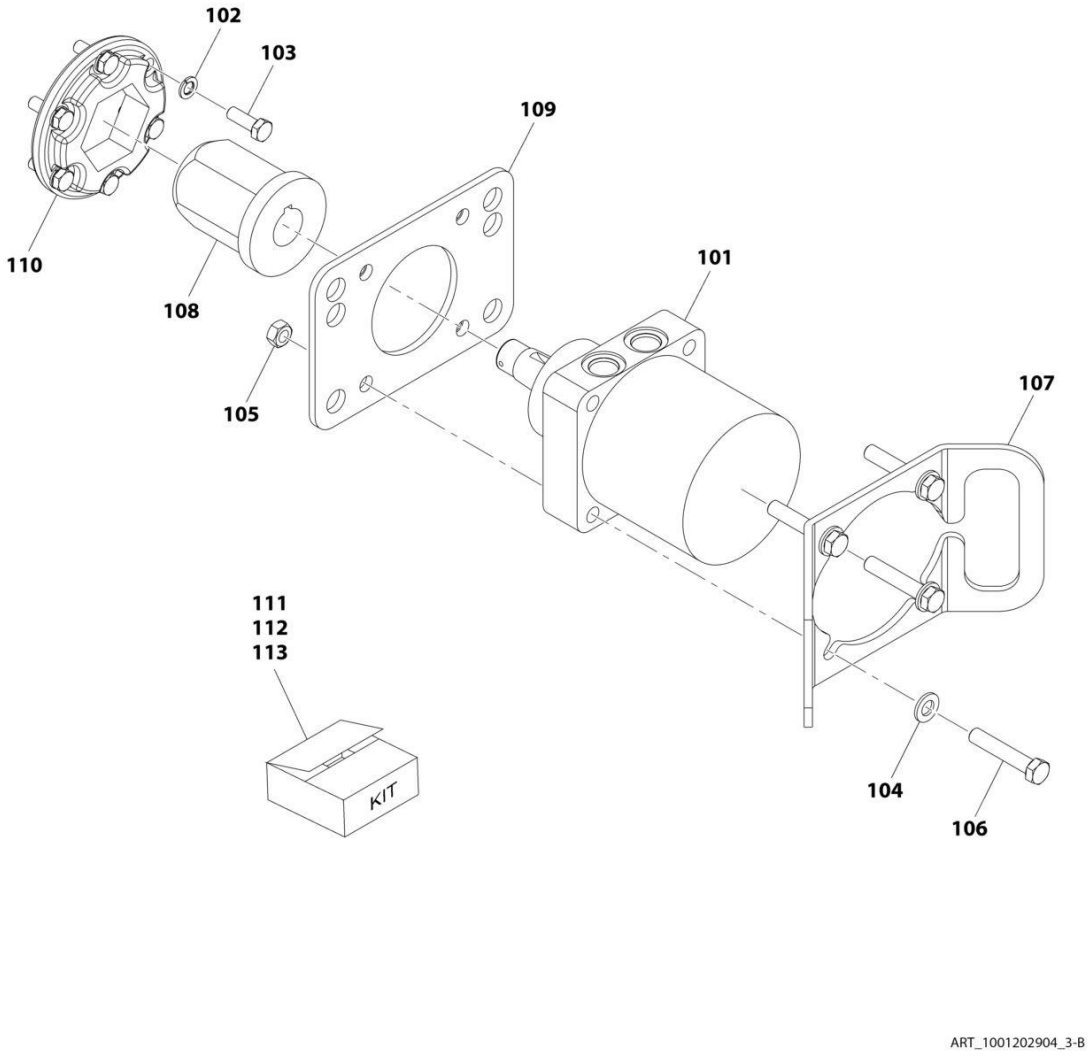


FIGURE 3-51. SWEEPER ASSEMBLY - MOTOR

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 3-52. TRASHER HOPPER

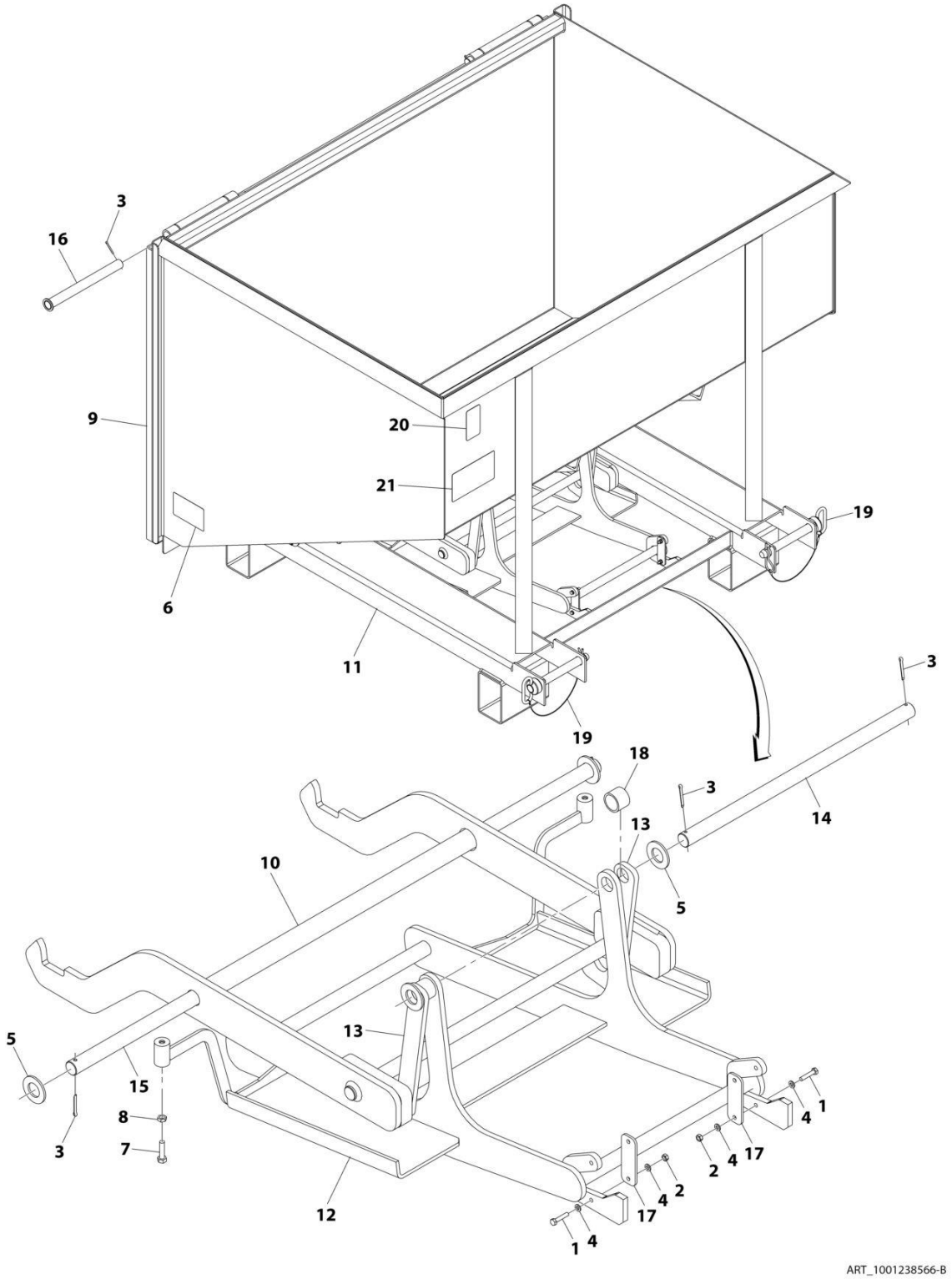


FIGURE 3-52. TRASHER HOPPER

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

SECTION 4 - ENGINE AND ATTACHING PARTS

SECTION 4 - ENGINE AND ATTACHING PARTS

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

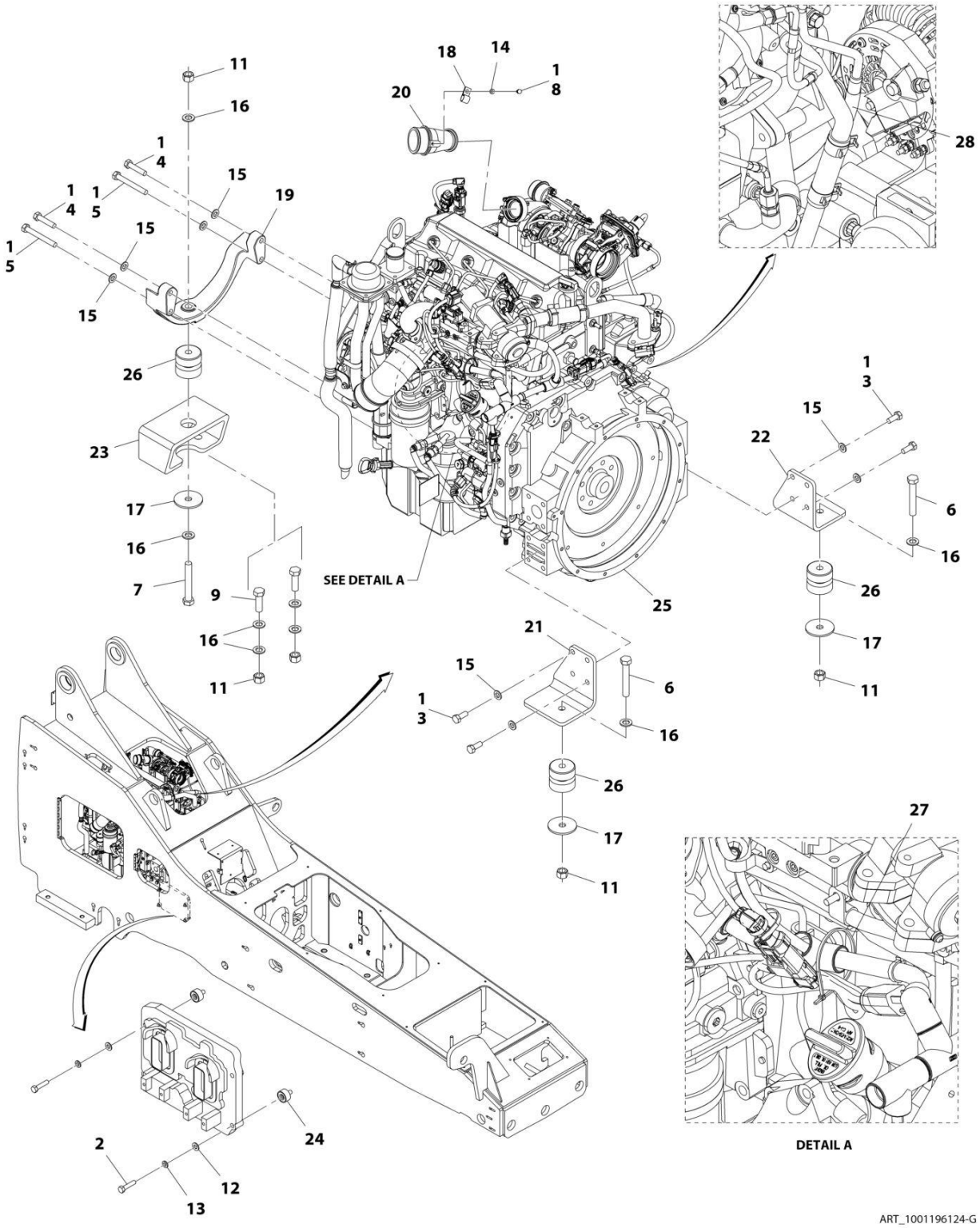


FIGURE 4-1. ENGINE INSTALLATION - 74HP (ULS)

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

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

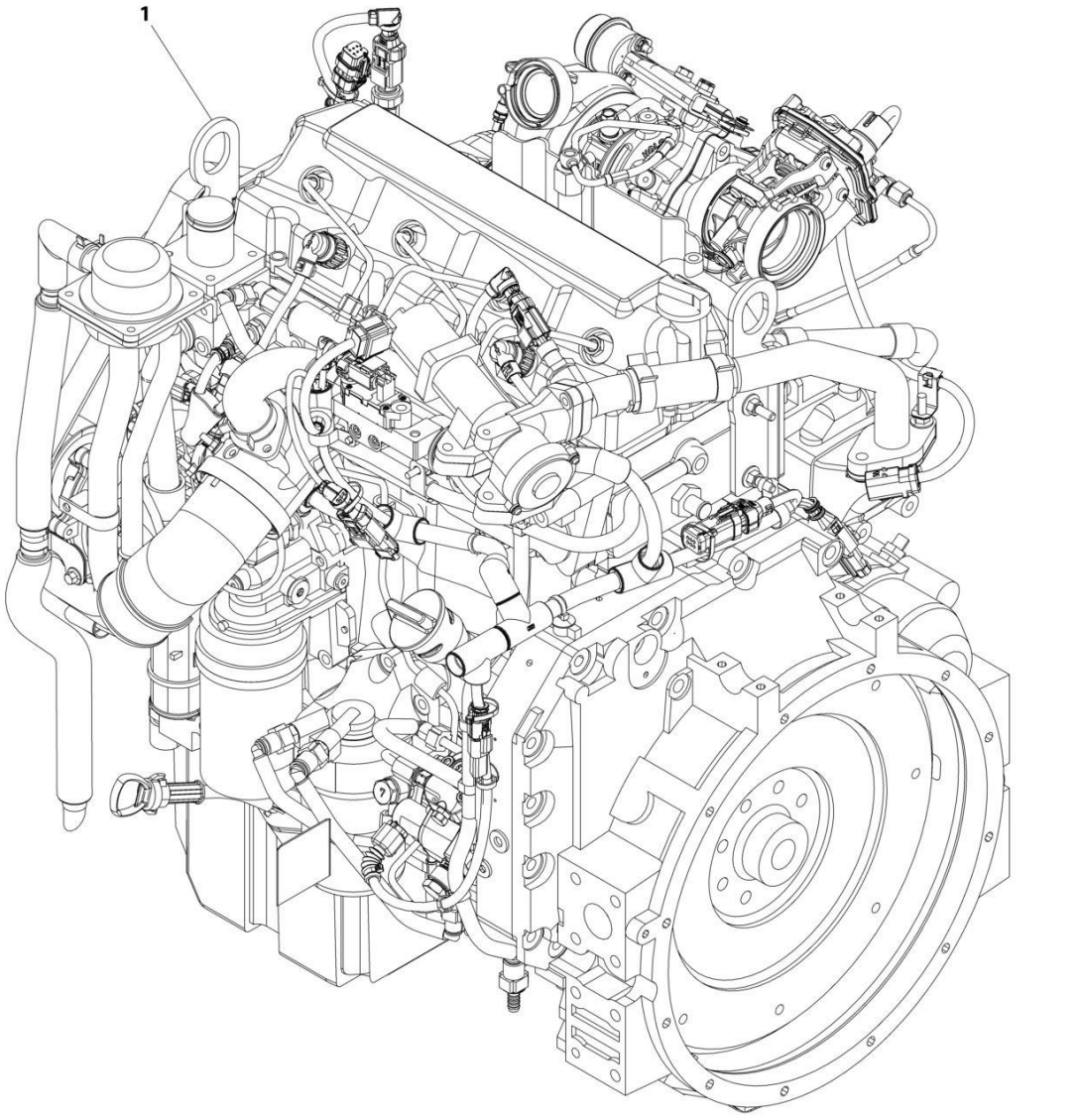


FIGURE 4-2. ENGINE COMPONENTS - 74HP (ULS)

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

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

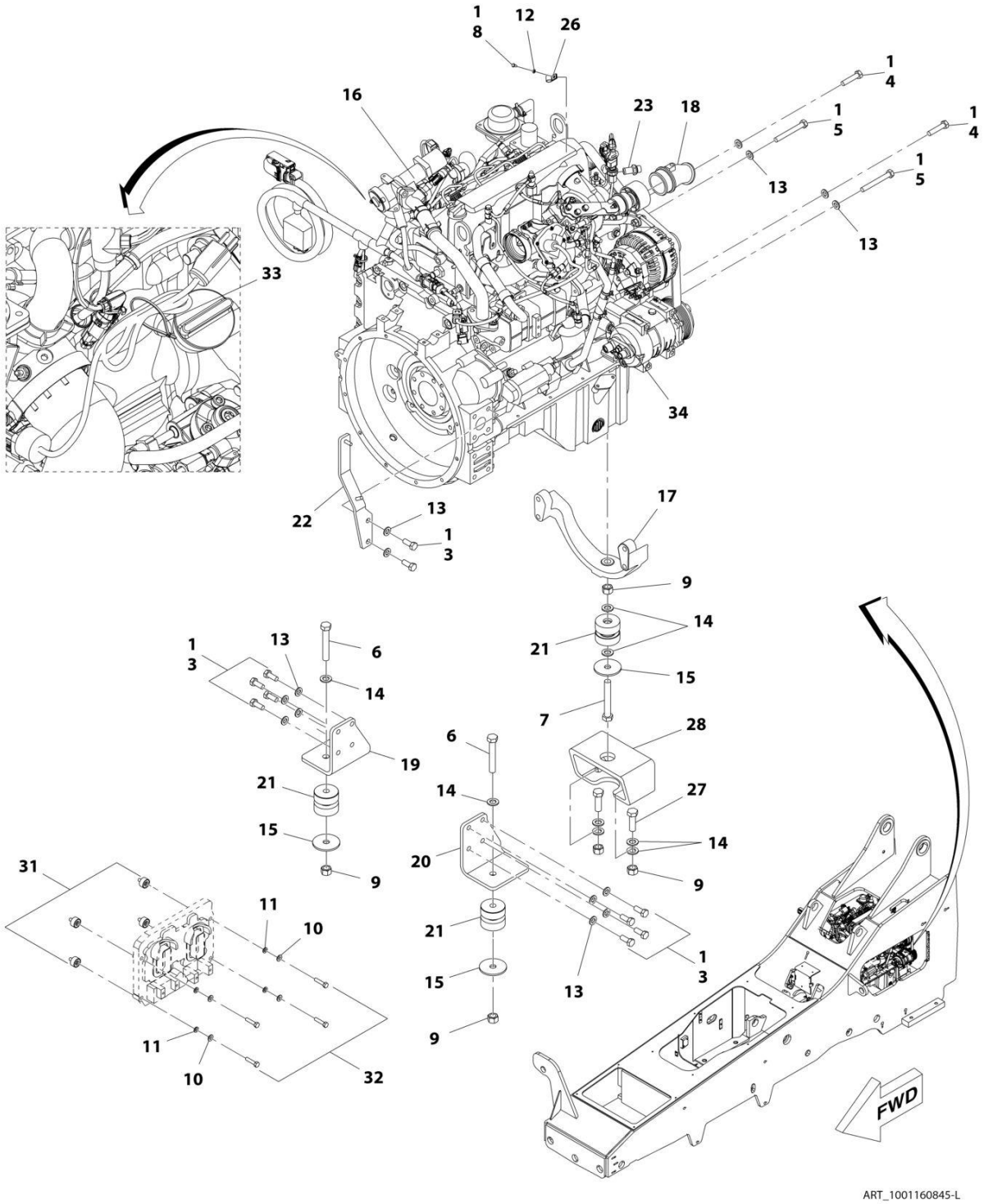


FIGURE 4-3. ENGINE INSTALLATION - 110HP (ULS)

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)

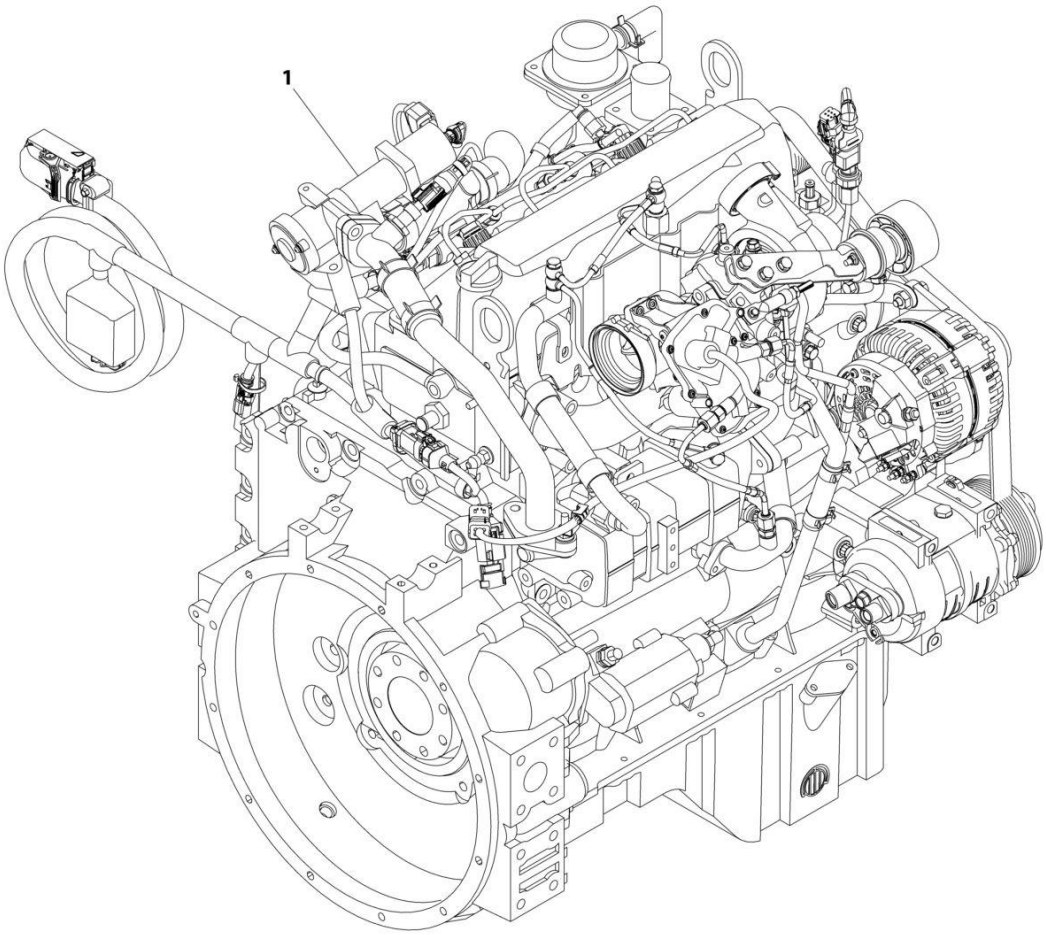


FIGURE 4-4. ENGINE COMPONENTS - 110HP (ULS)

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)

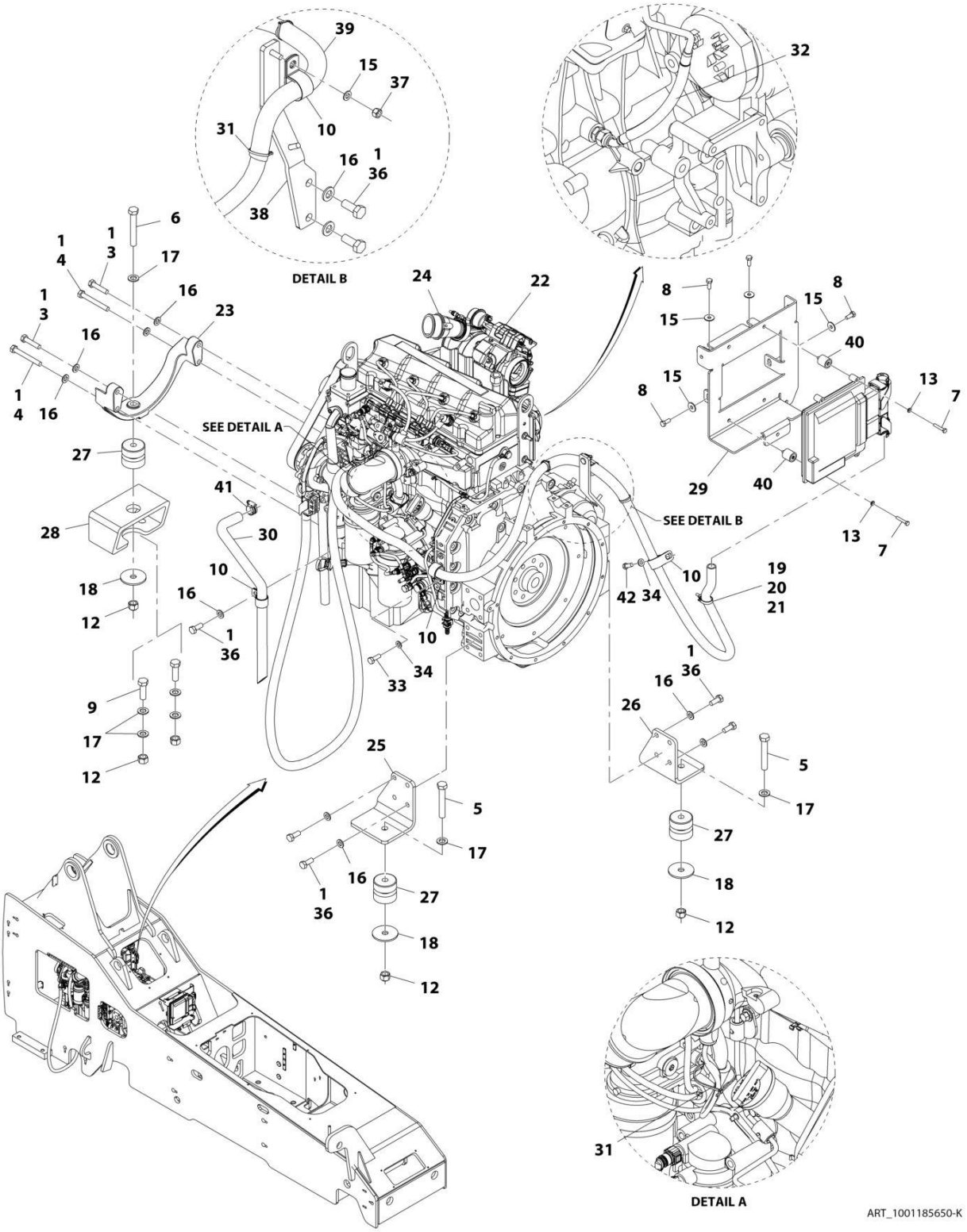


FIGURE 4-5. ENGINE INSTALLATION - 110HP (LS)

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)

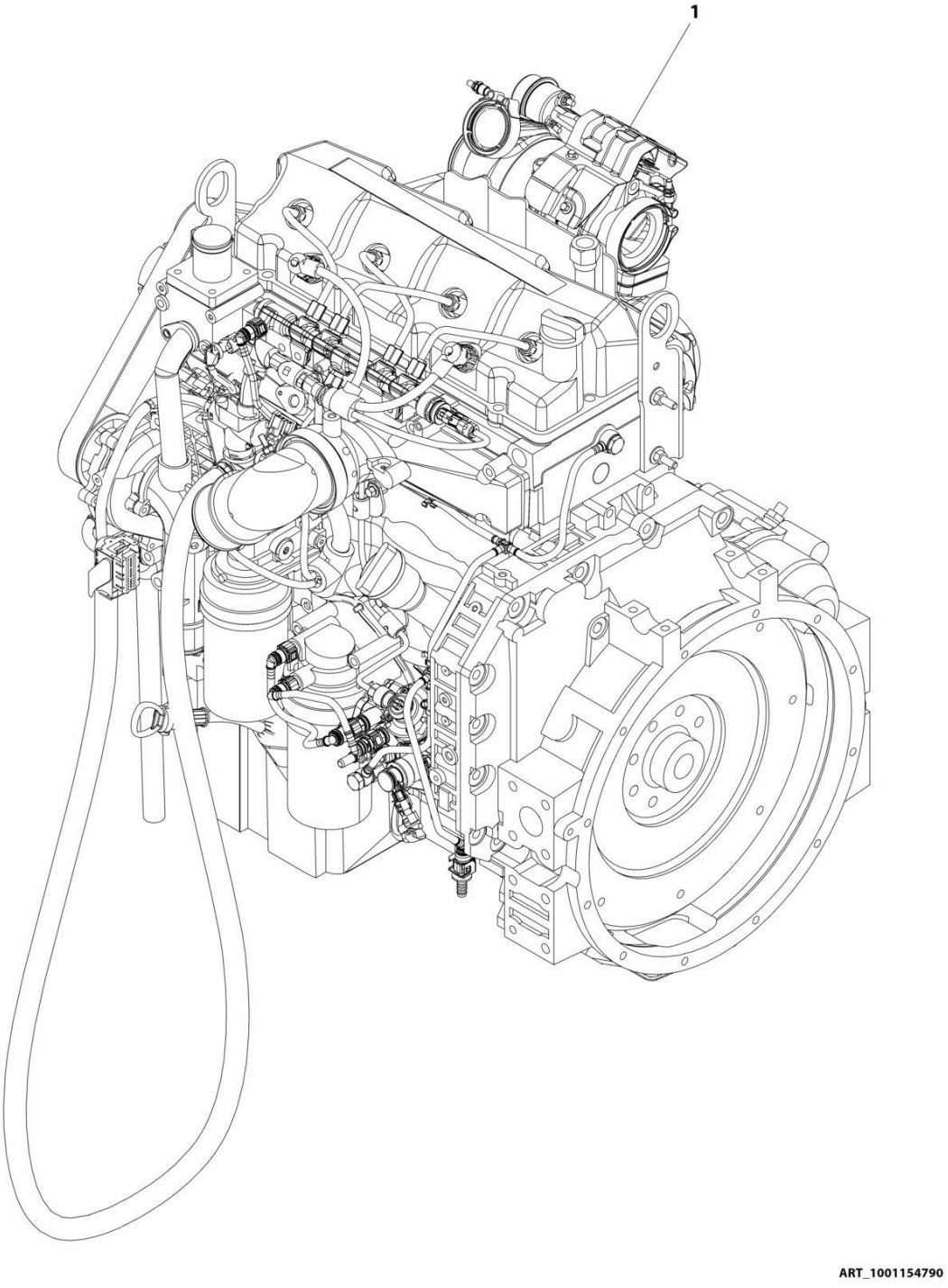


FIGURE 4-6. ENGINE COMPONENTS - 110HP (LS)

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)

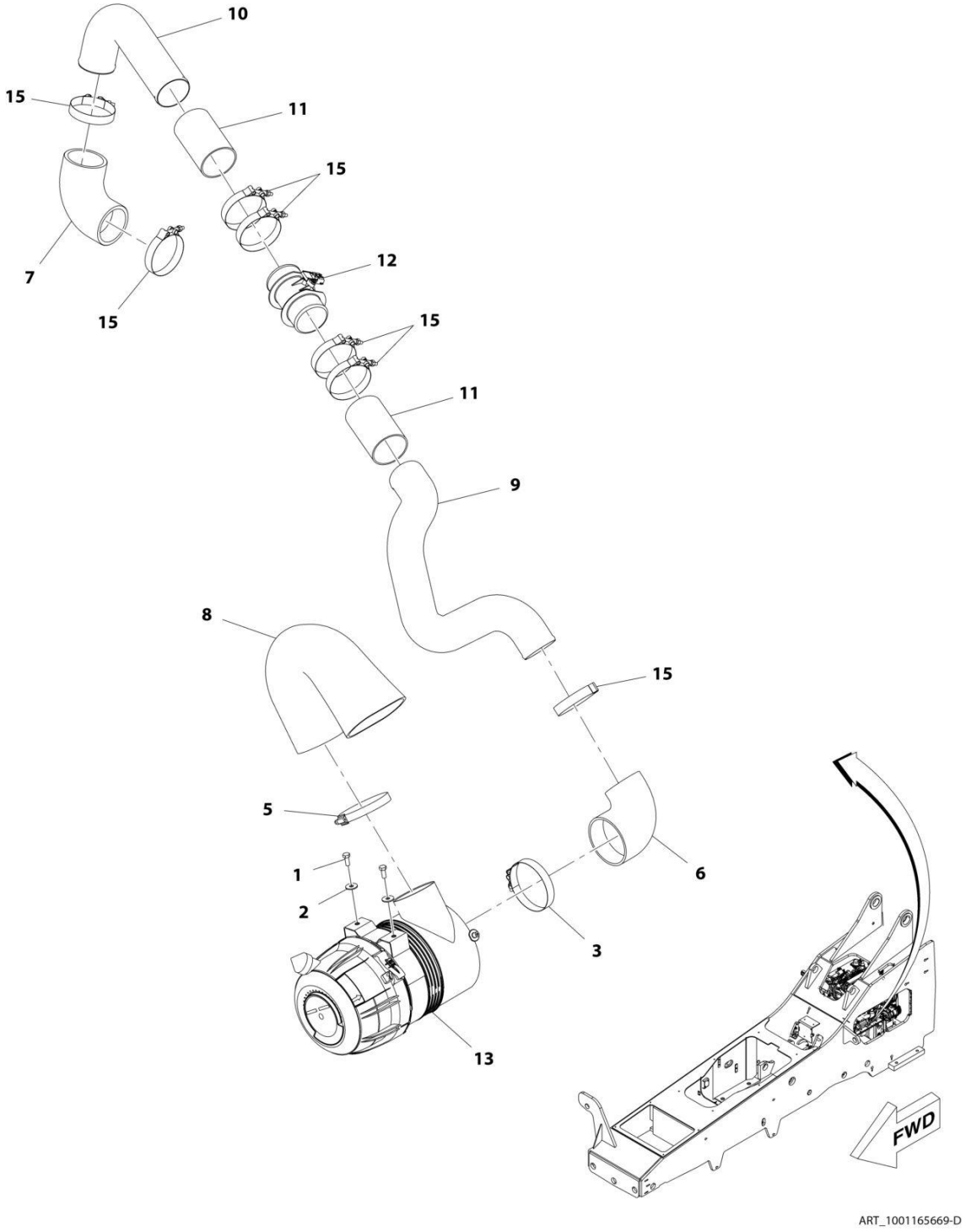


FIGURE 4-7. AIR CLEANER INSTALLATION - 74HP & 110HP (ULS)

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)

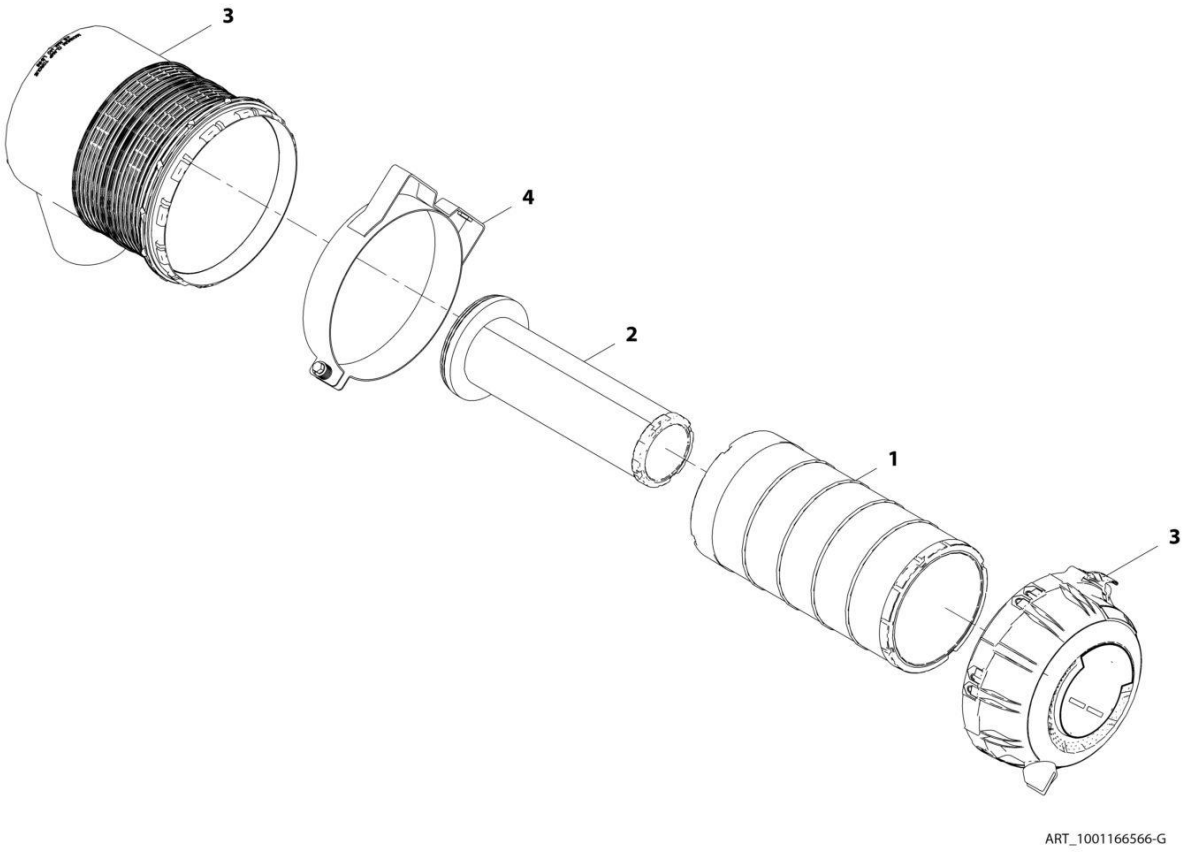


FIGURE 4-8. AIR CLEANER ASSEMBLY - 74HP & 110HP (ULS)

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)

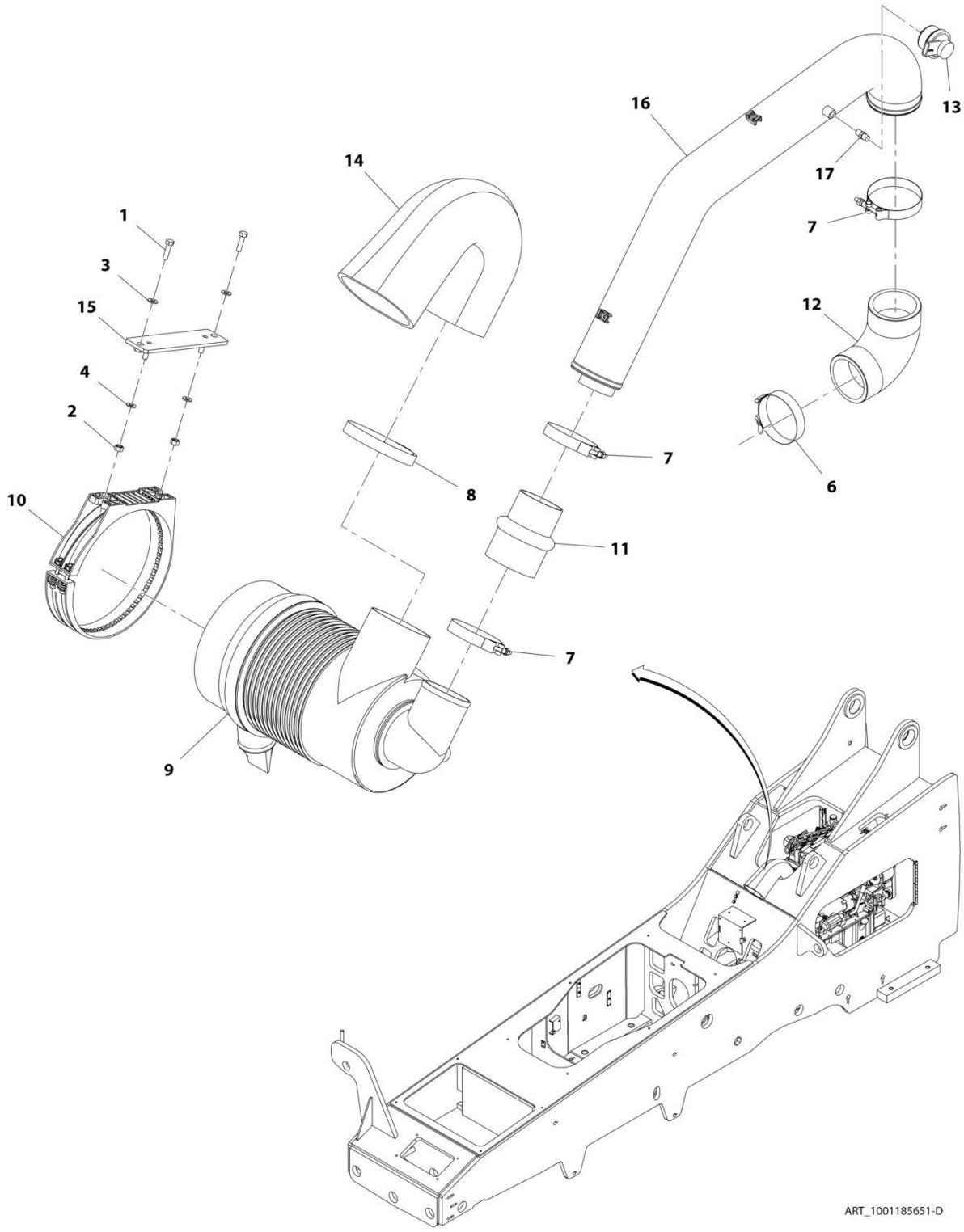


FIGURE 4-9. AIR CLEANER INSTALLATION - 110HP (LS)

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)

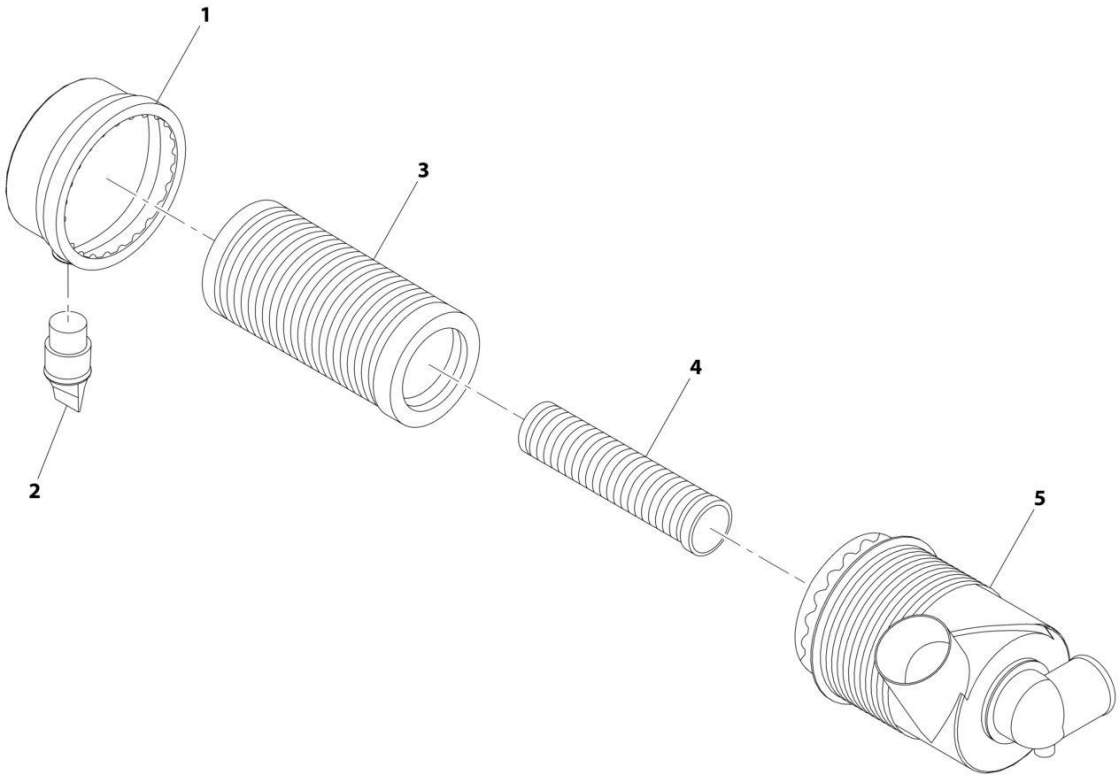


FIGURE 4-10. AIR CLEANER ASSEMBLY - 110HP (LS)

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)

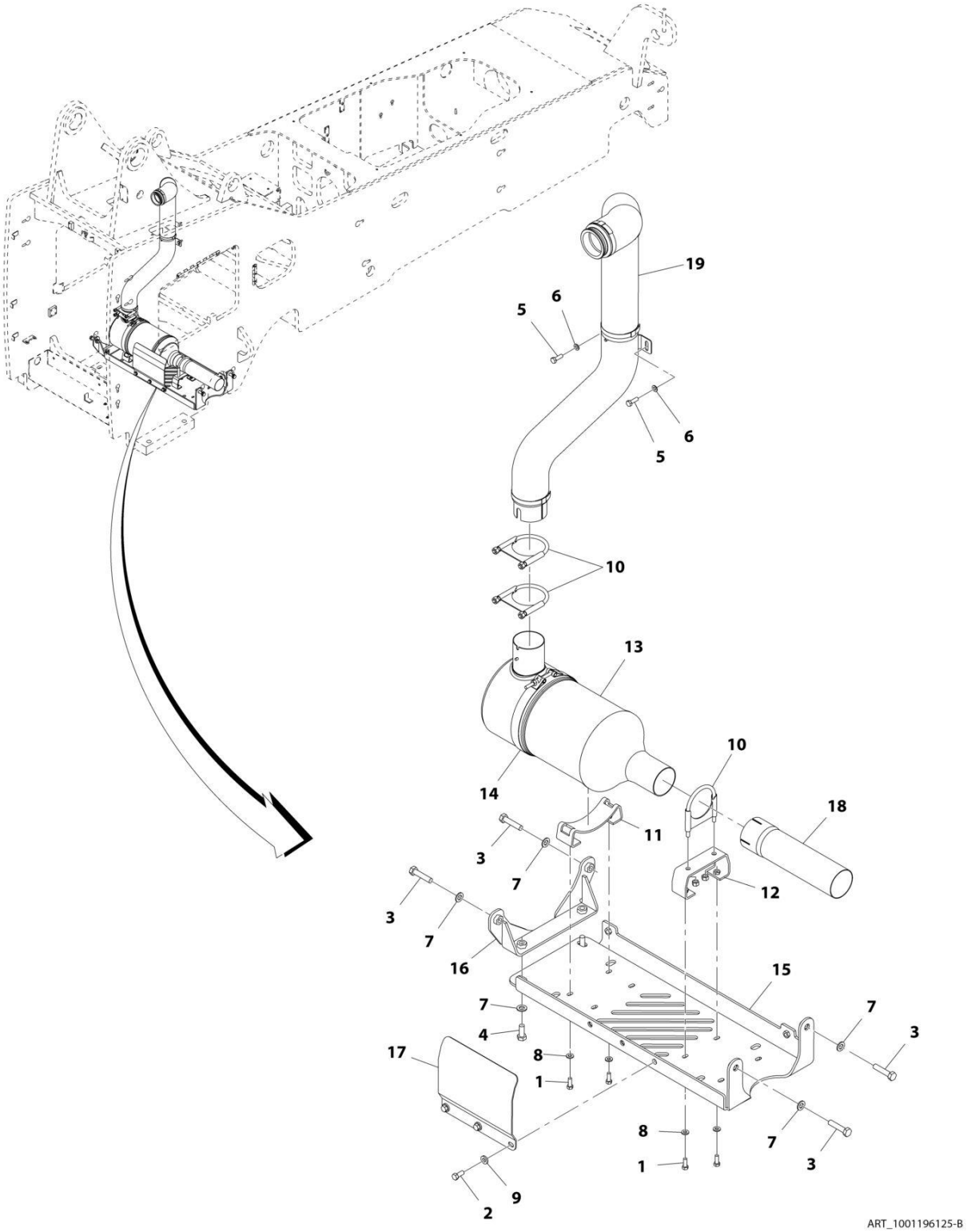


FIGURE 4-11. EXHAUST INSTALLATION - 74HP (ULS)

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)

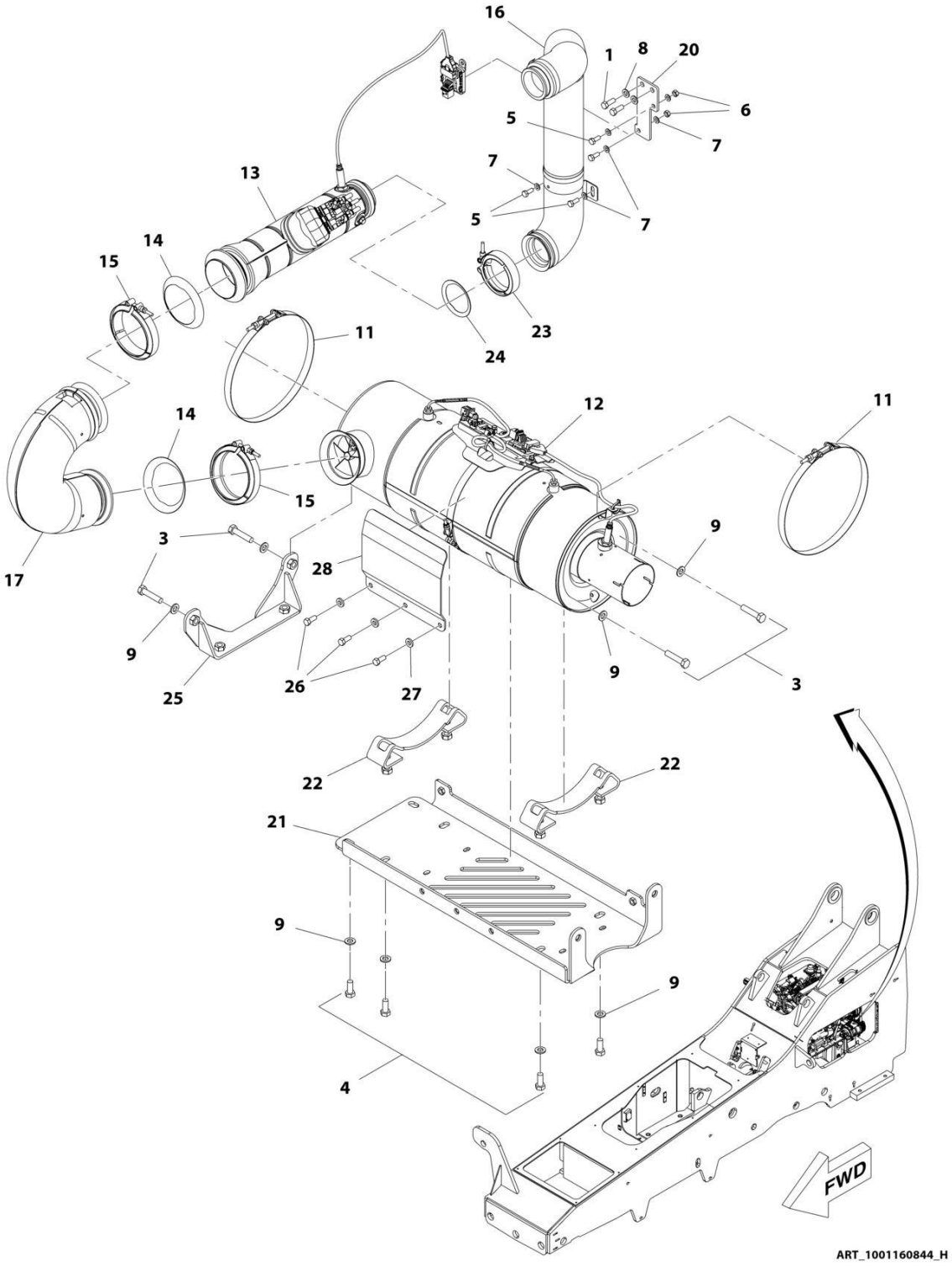


FIGURE 4-12. EXHAUST INSTALLATION - 110HP (ULS)

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	1001164837	2	Seal, Gasket	
15	1001164838	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)

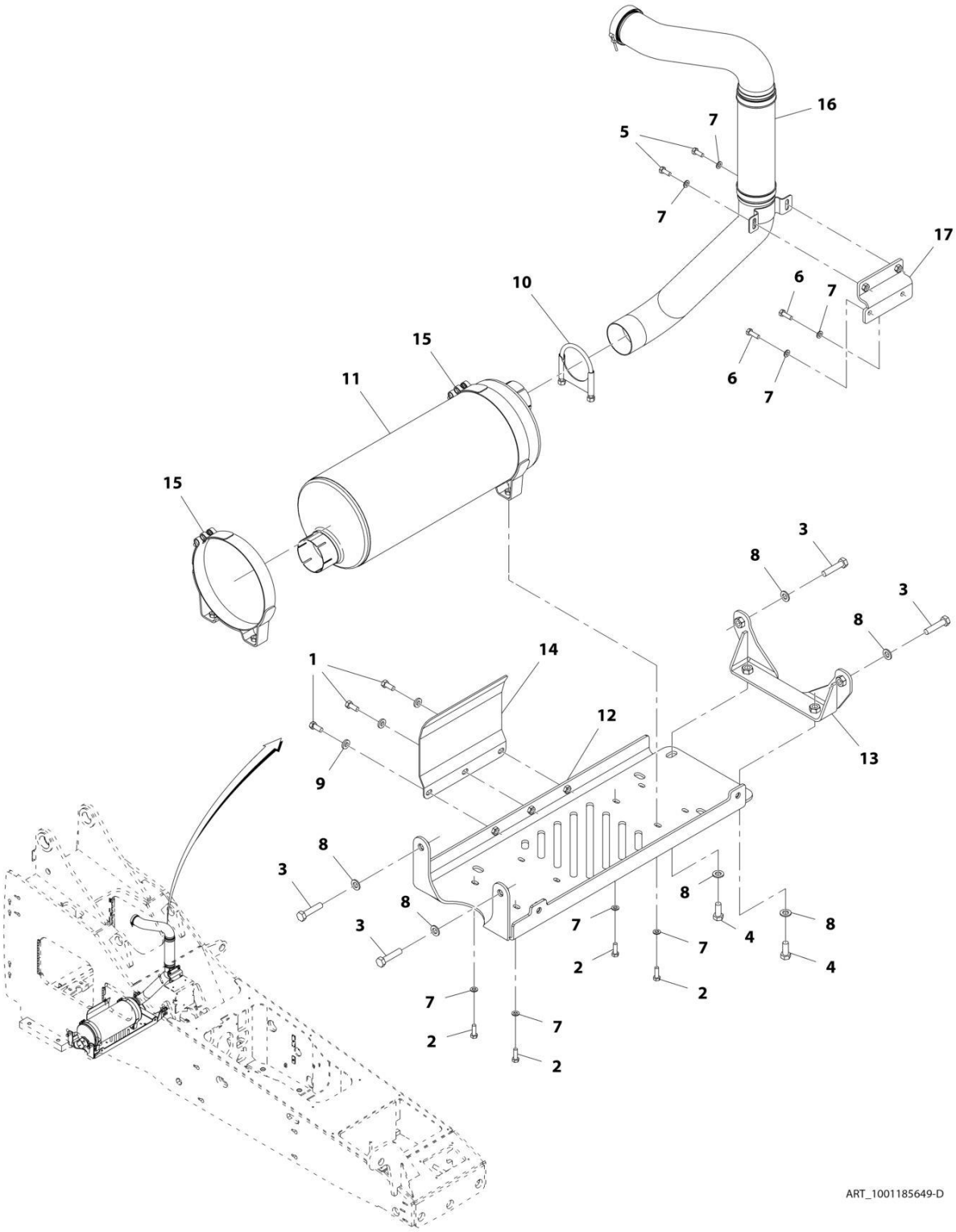


FIGURE 4-13. EXHAUST INSTALLATION - 110HP (LS)

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)

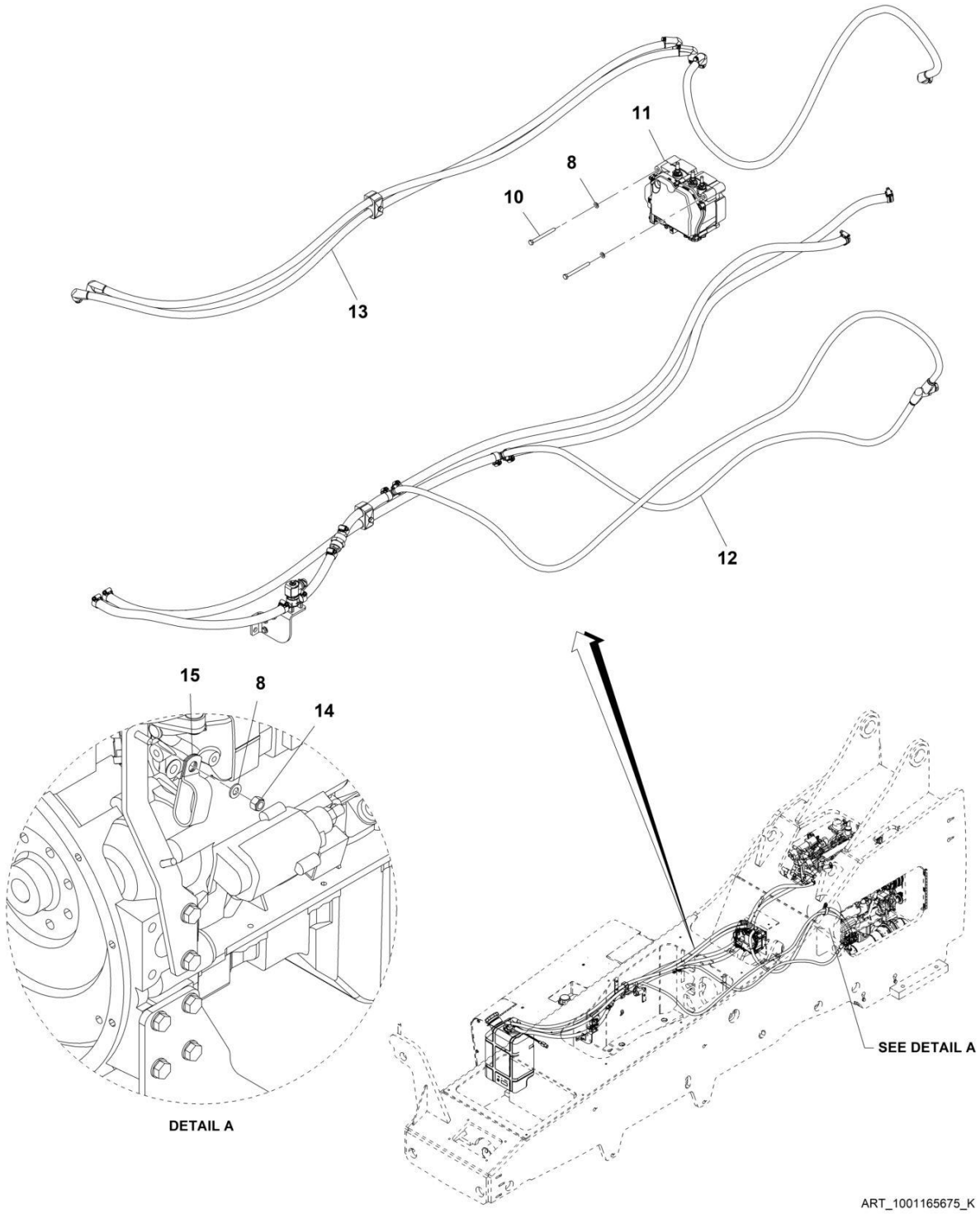


FIGURE 4-14. DEF SYSTEM INSTALLATION (ULS)

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

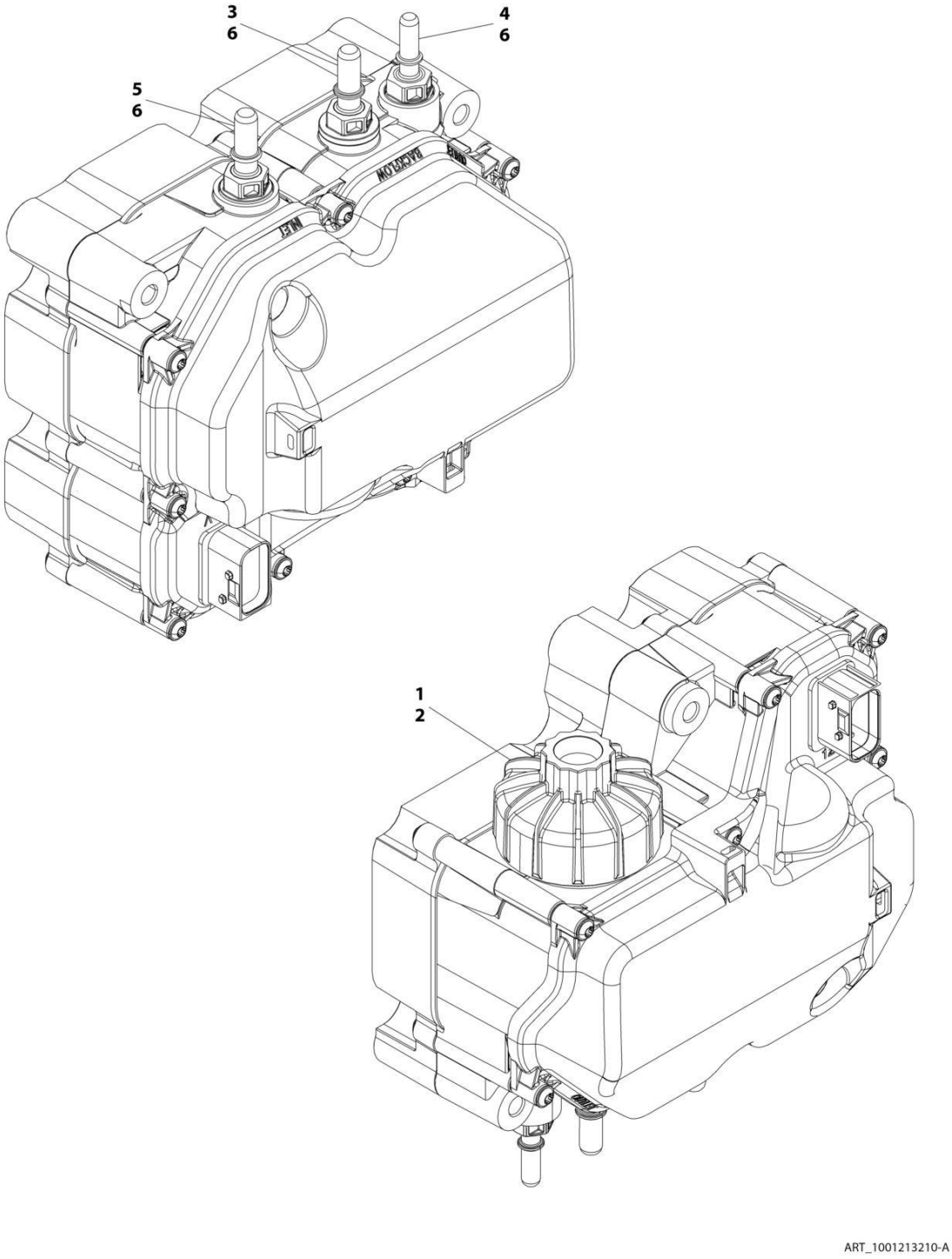


FIGURE 4-15. DEF PUMP ASSEMBLY

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

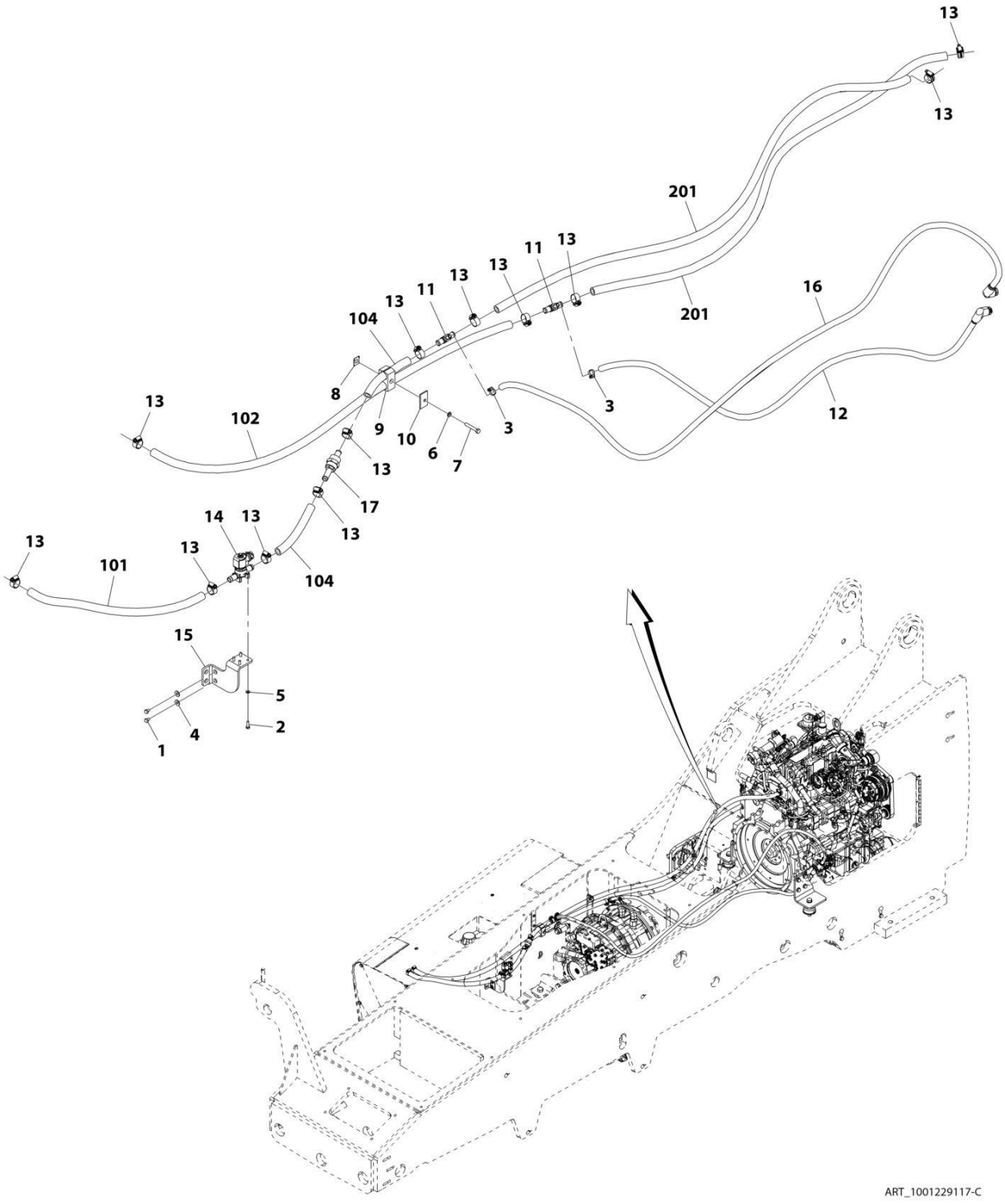


FIGURE 4-16. DEF COOLANT LINES INSTALLATION

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

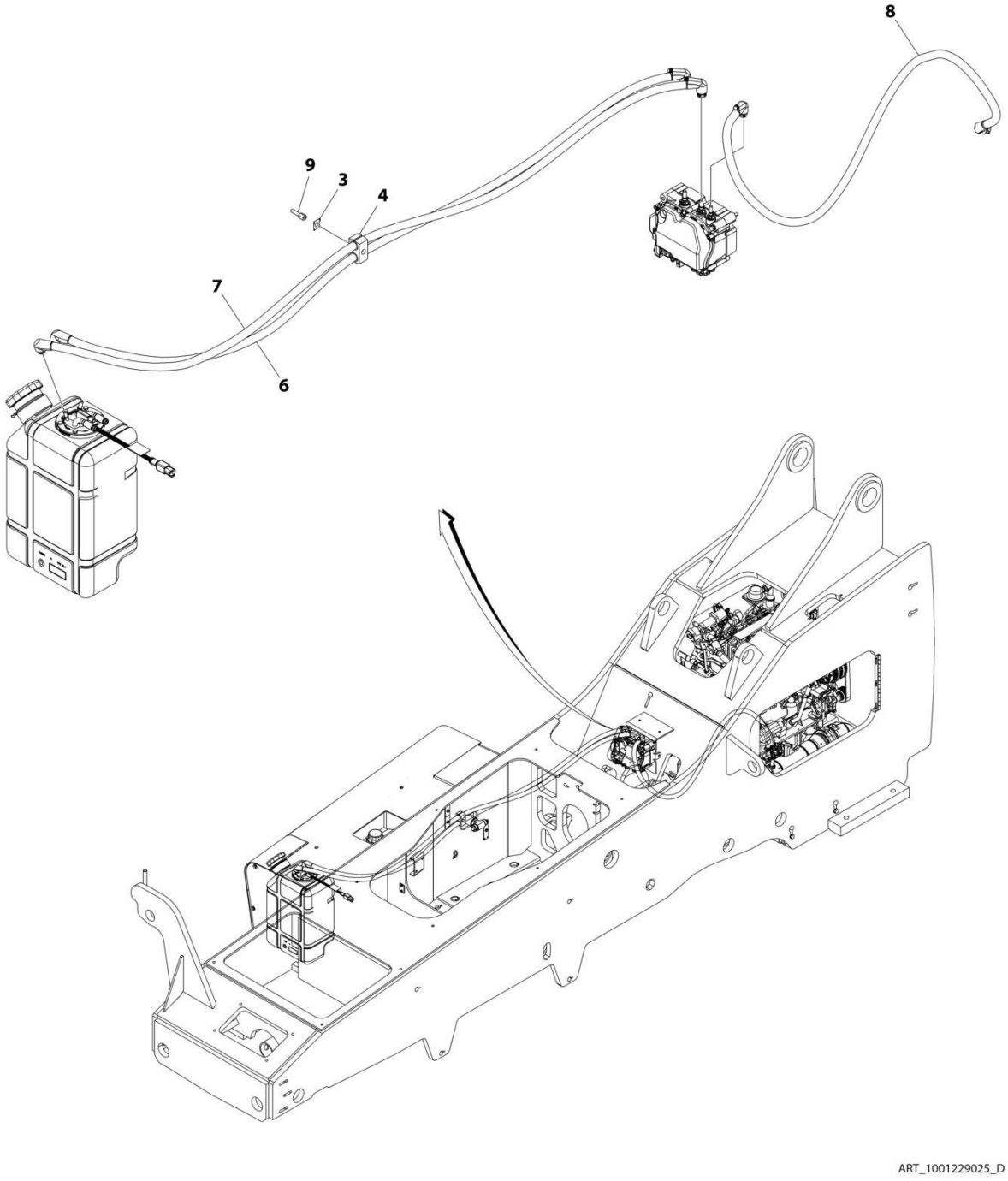


FIGURE 4-17. DEF LINES INSTALLATION

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)

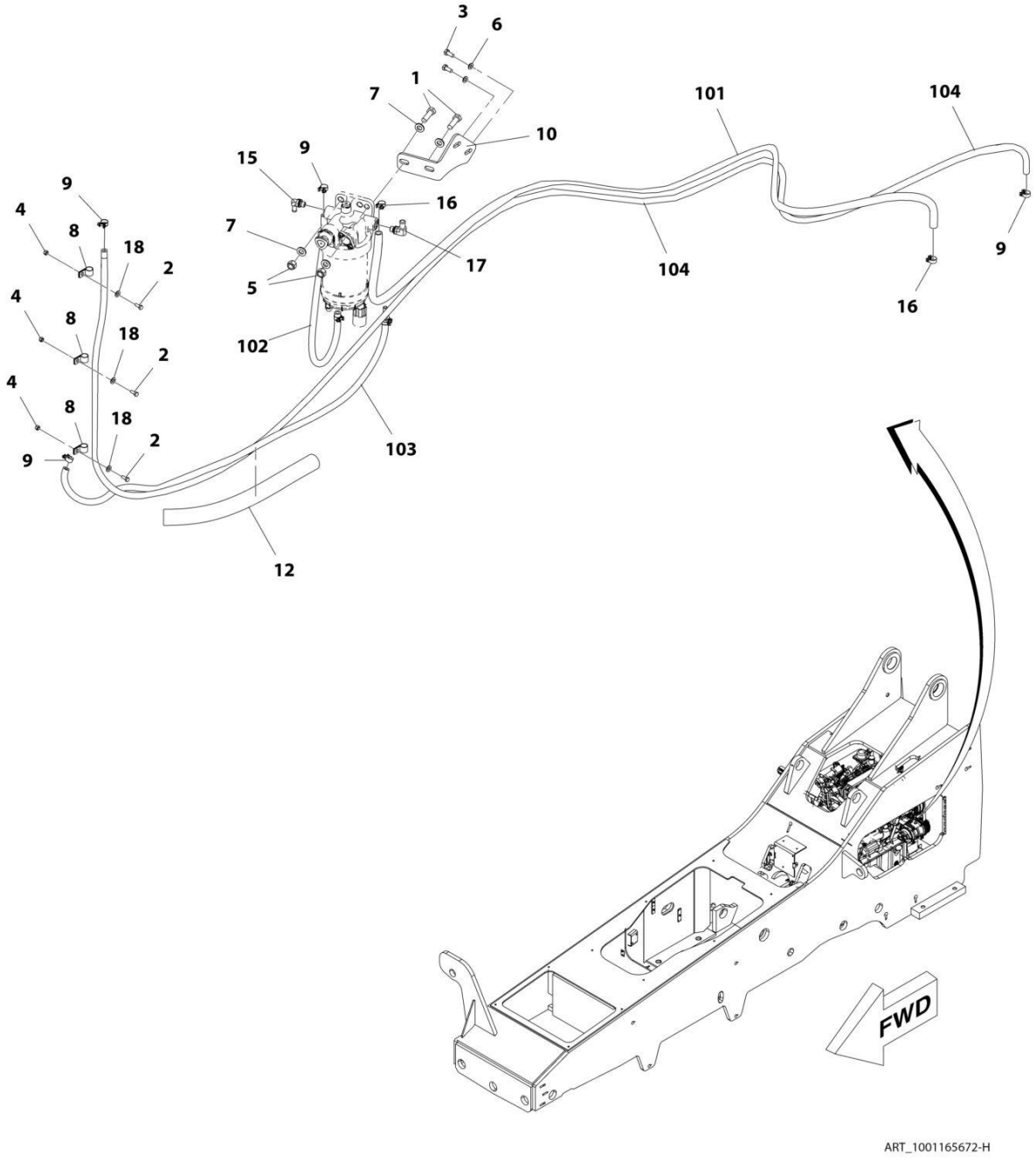


FIGURE 4-18. FUEL LINES INSTALLATION - 74HP & 110HP (ULS)

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)

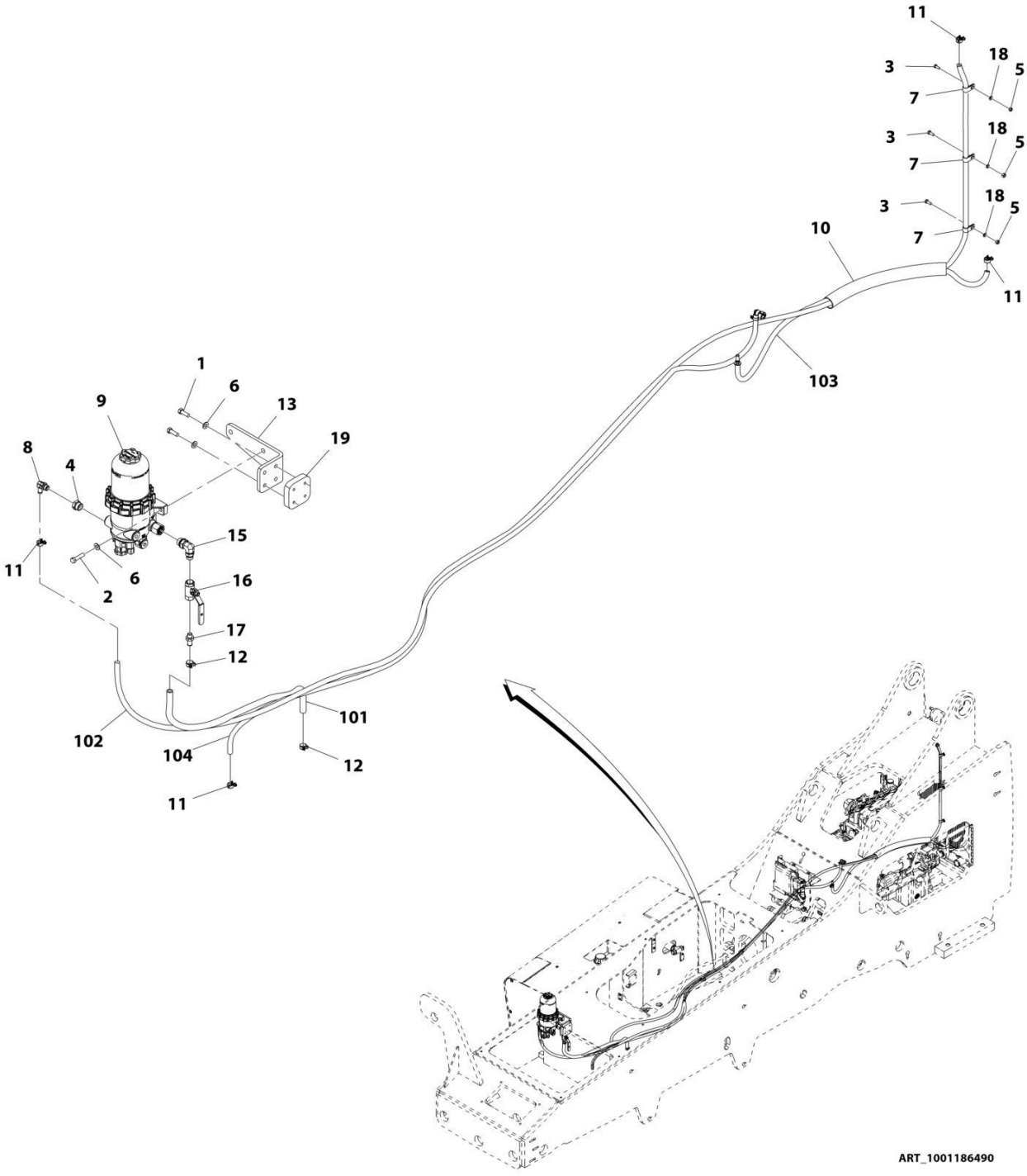


FIGURE 4-19. FUEL LINES INSTALLATION - 110HP (LS)

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)

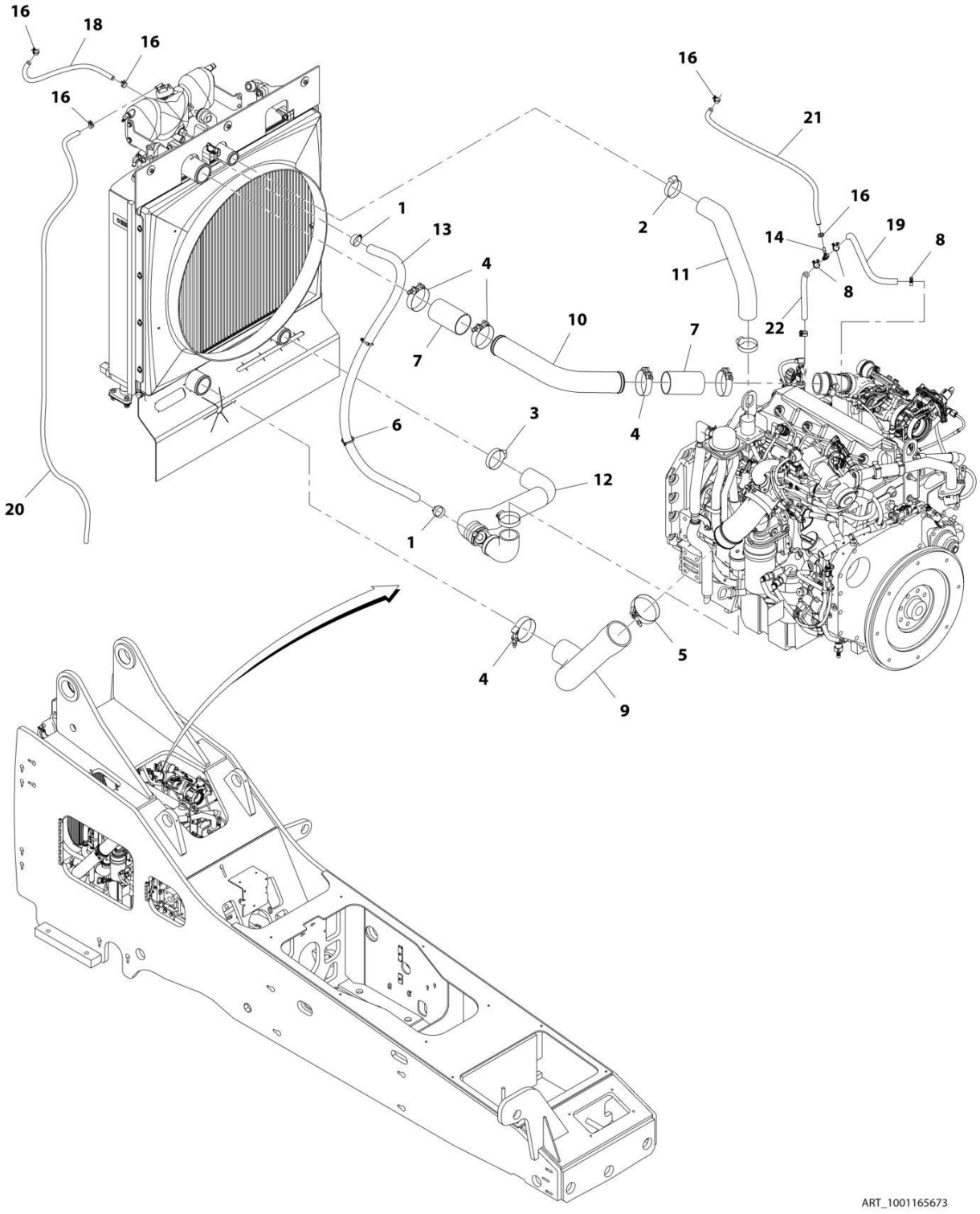


FIGURE 4-20. COOLING LINES INSTALLATION - 74HP & 110HP (ULS)

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)

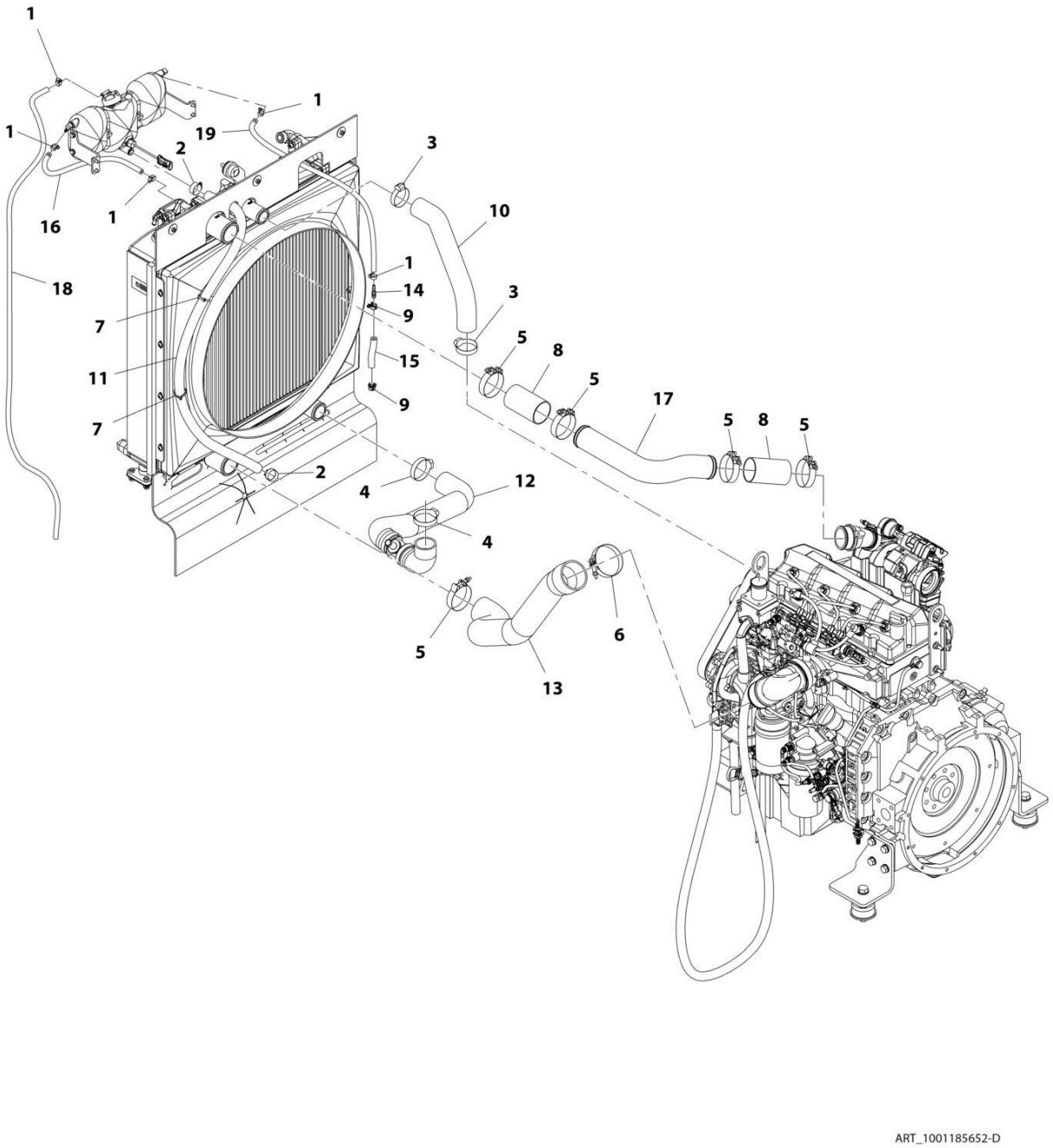


FIGURE 4-21. COOLING LINES INSTALLATION - 110HP (LS)

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)

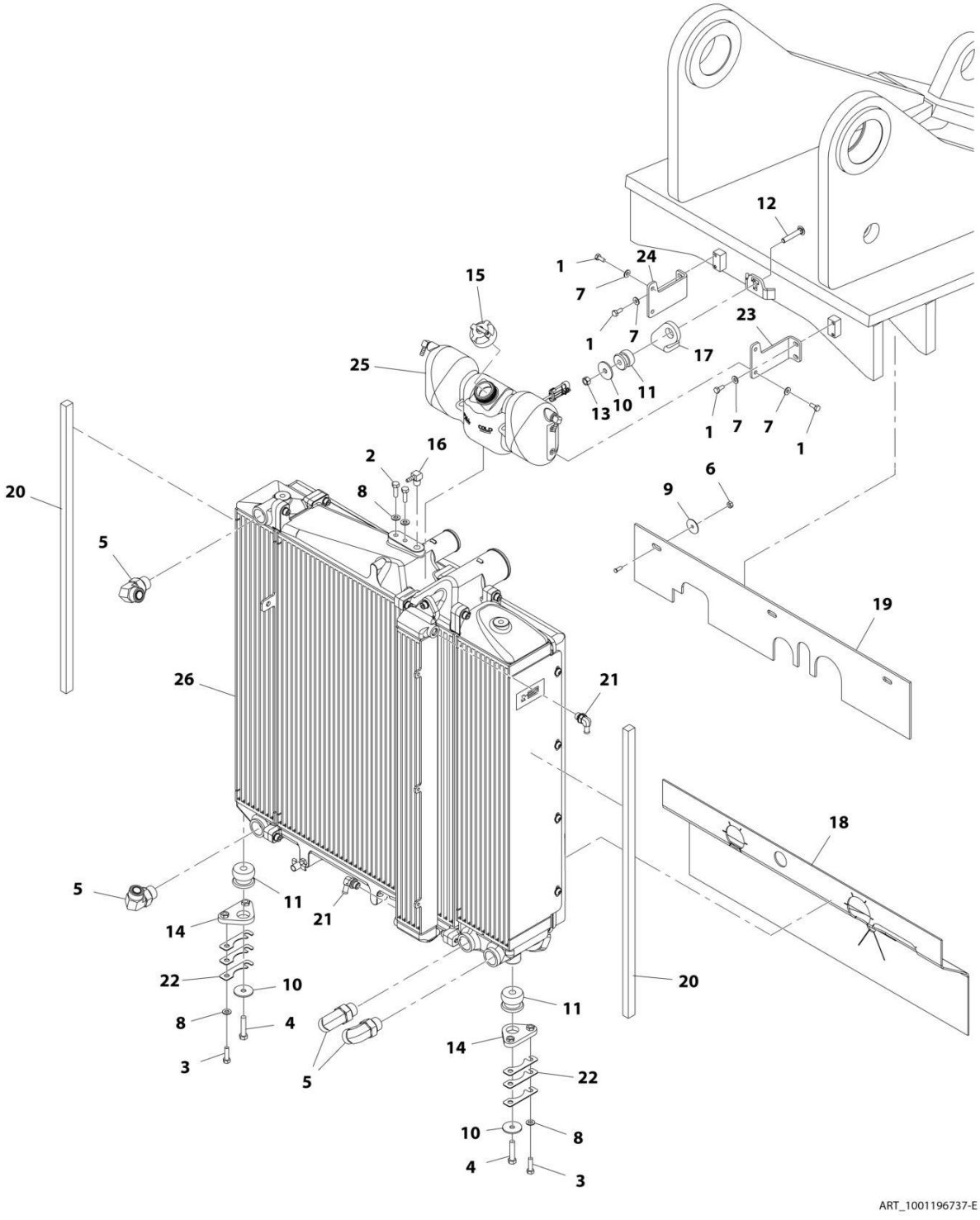


FIGURE 4-22. COOLING INSTALLATION - 74HP (ULS)

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)

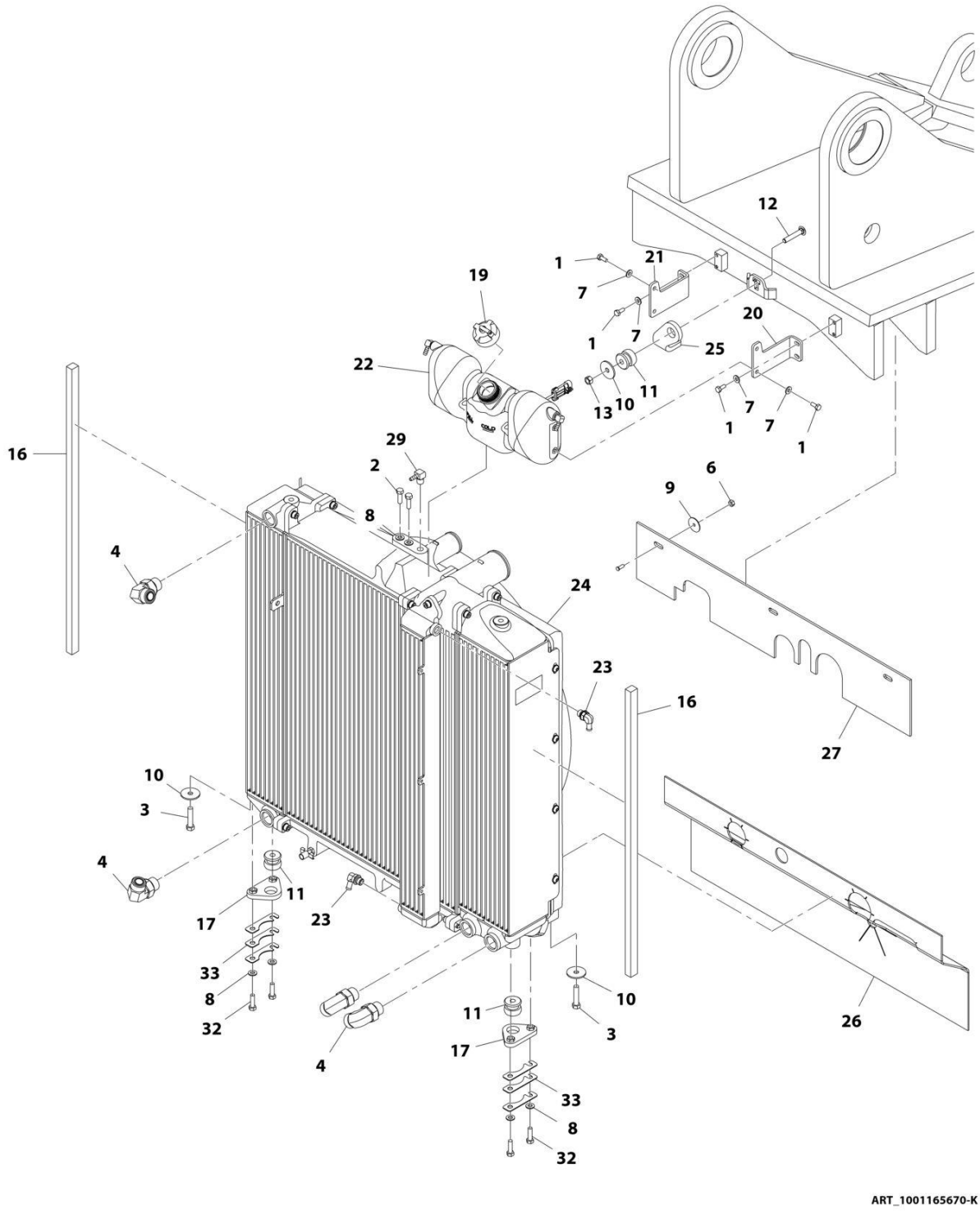


FIGURE 4-23. COOLING INSTALLATION - 110HP (ULS & LS)

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)

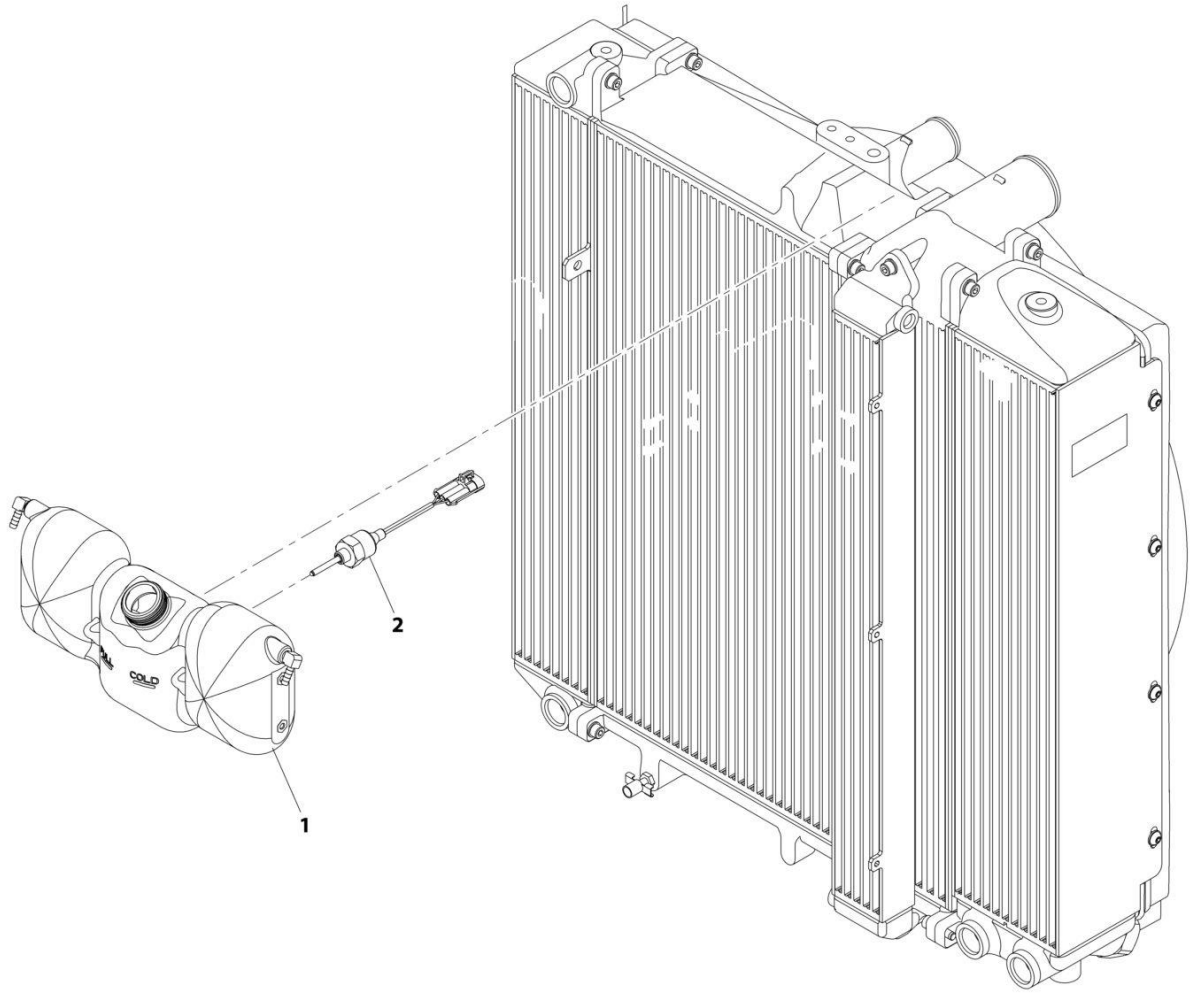


FIGURE 4-24. DE-AERATION TANK ASSEMBLY - 74HP & 110HP (ULS)

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)

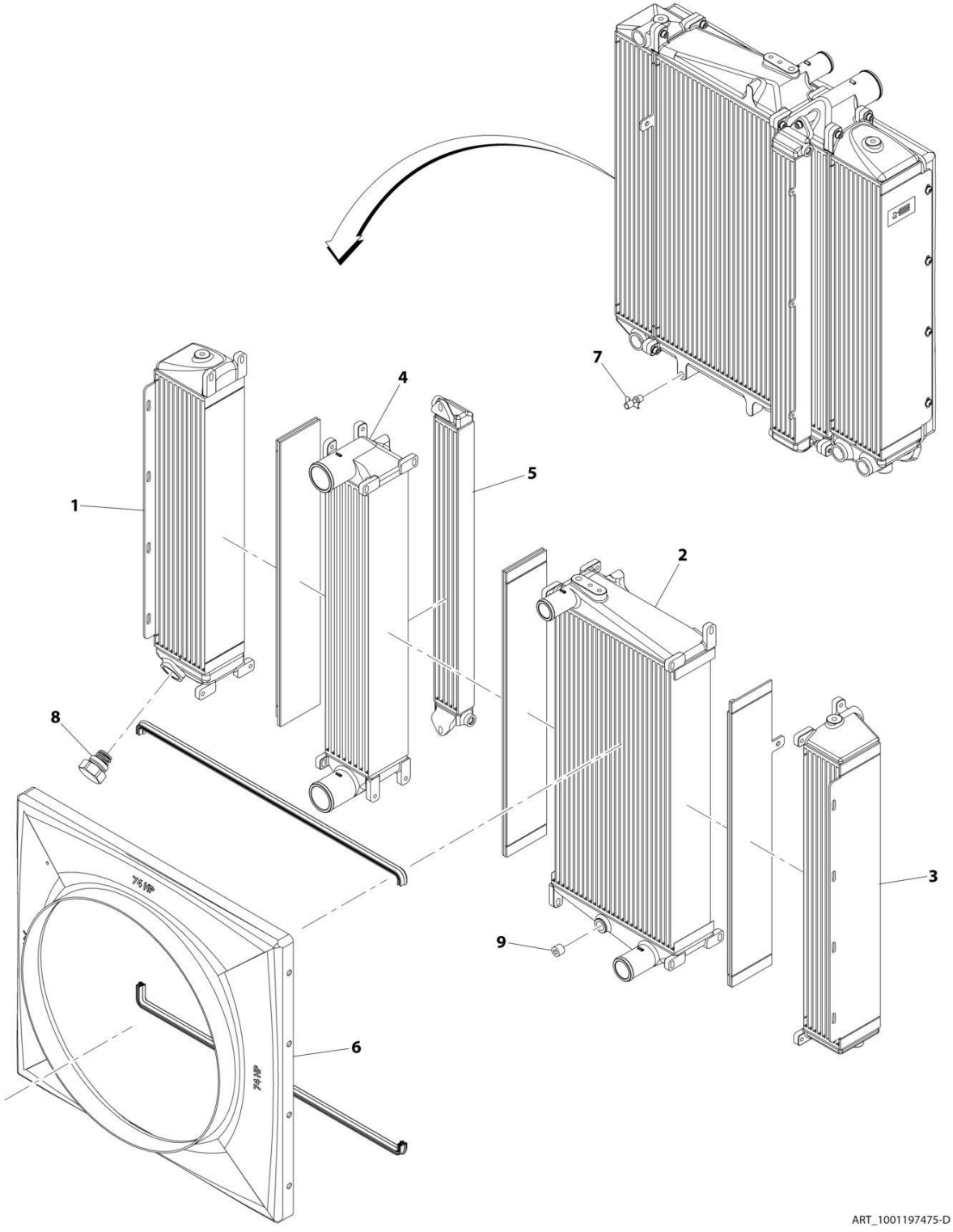


FIGURE 4-25. RADIATOR ASSEMBLY - 74HP (ULS)

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)

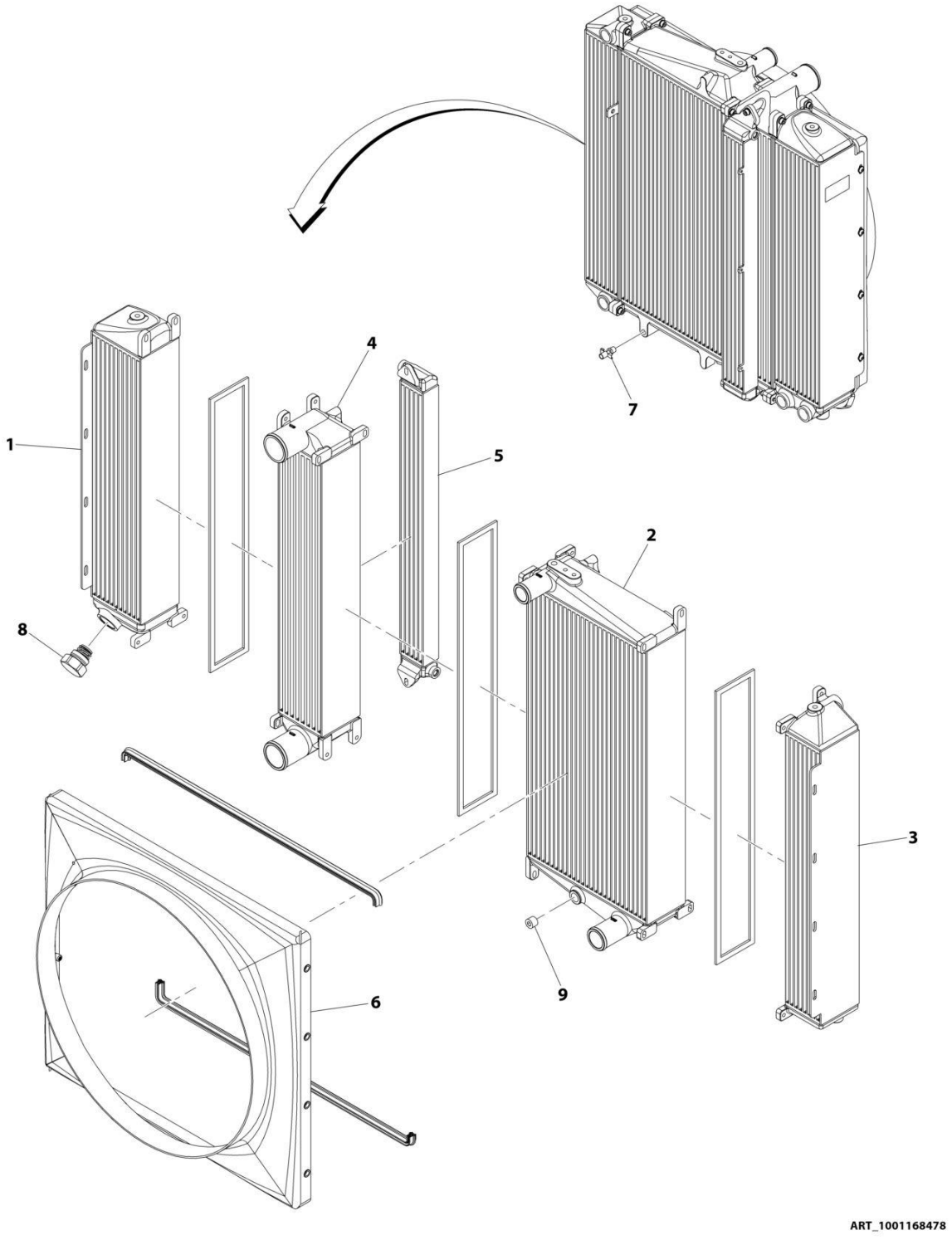


FIGURE 4-26. RADIATOR ASSEMBLY - 110HP (ULS & LS)

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)

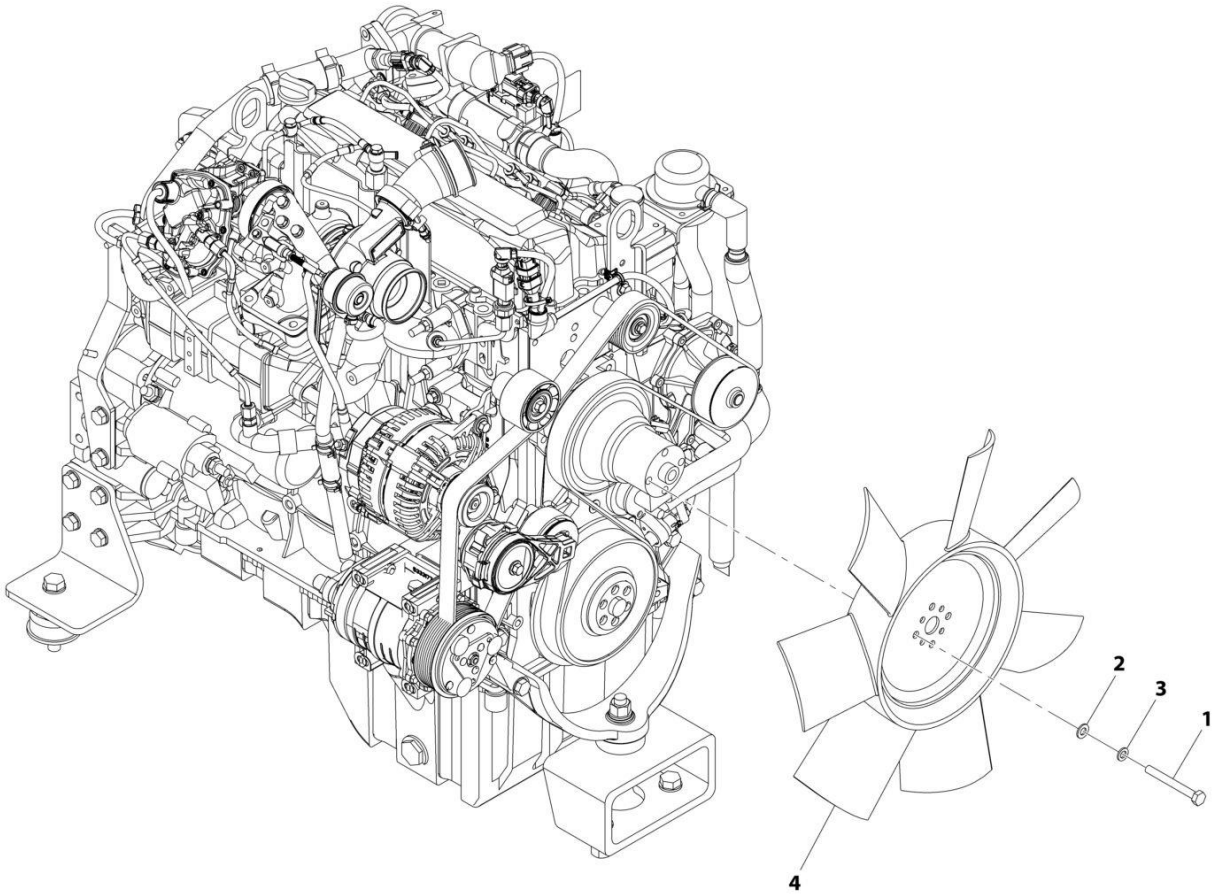
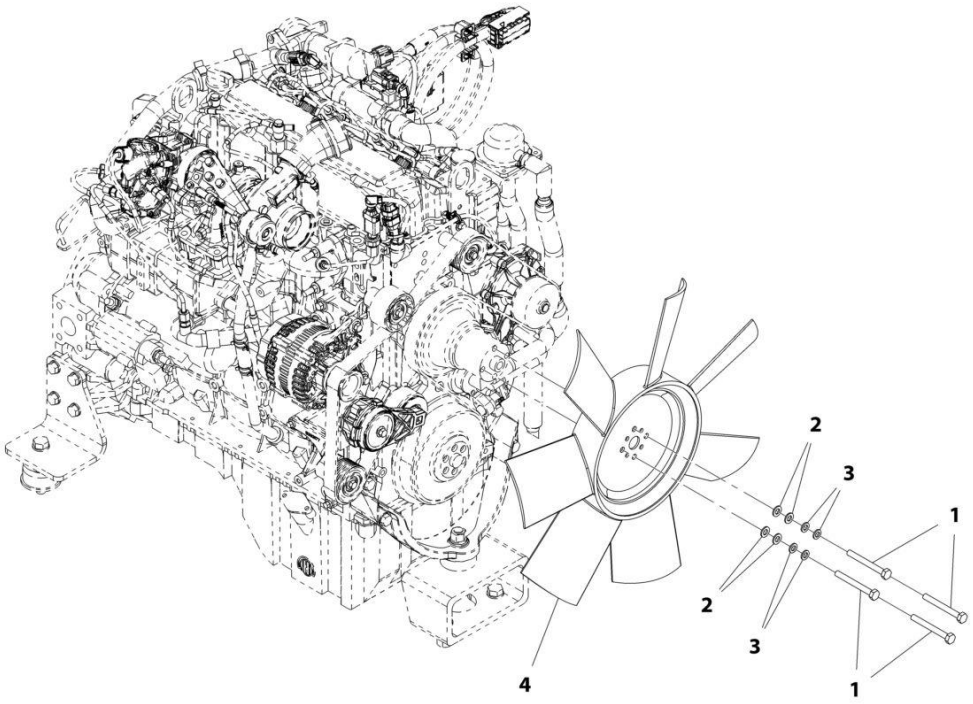


FIGURE 4-27. FAN INSTALLATION - 74HP (ULS)

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)

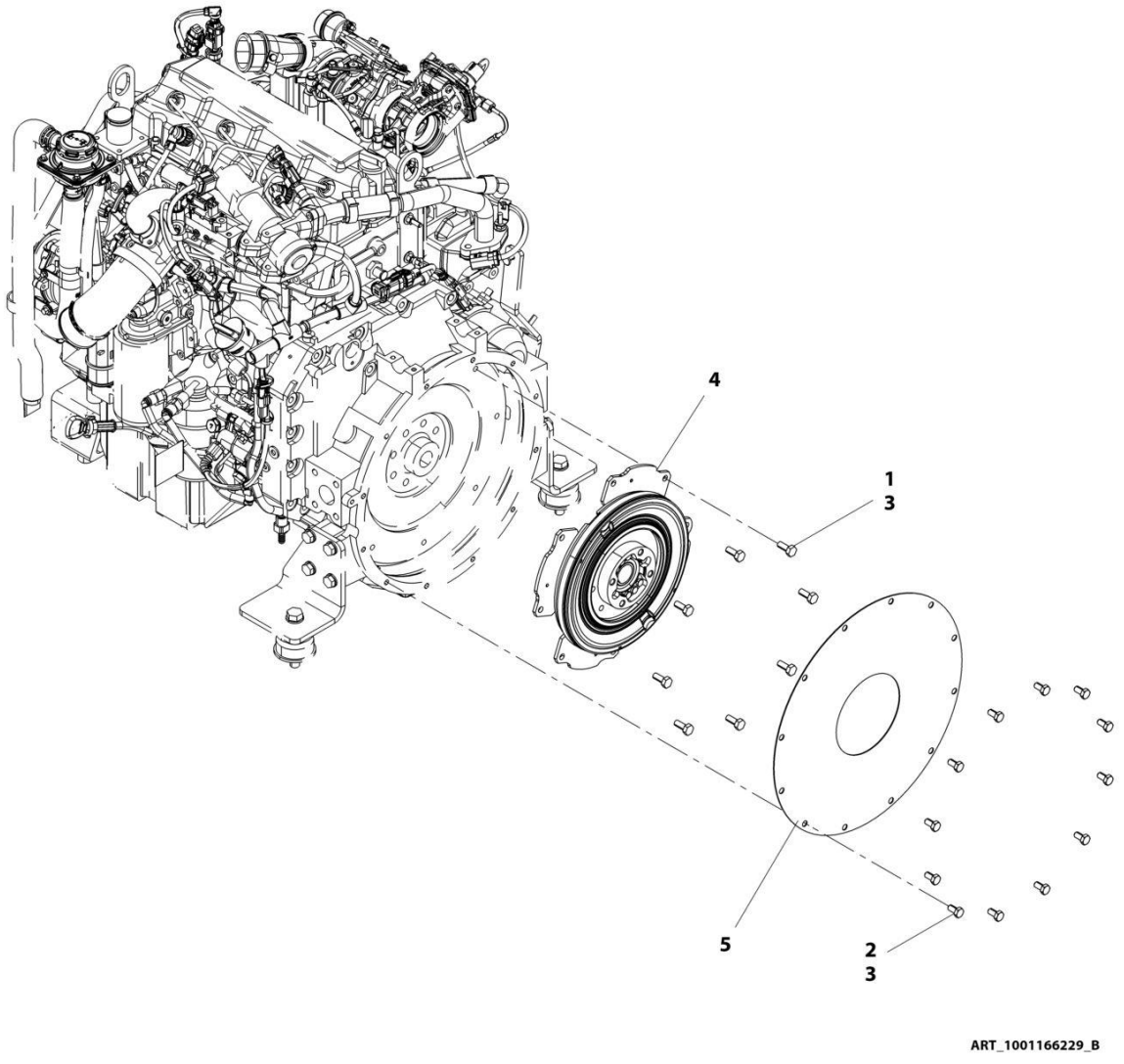


FIGURE 4-29. ISOLATION COUPLER INSTALLATION - 74HP & 110HP (ULS & LS)

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 (PVC1911)

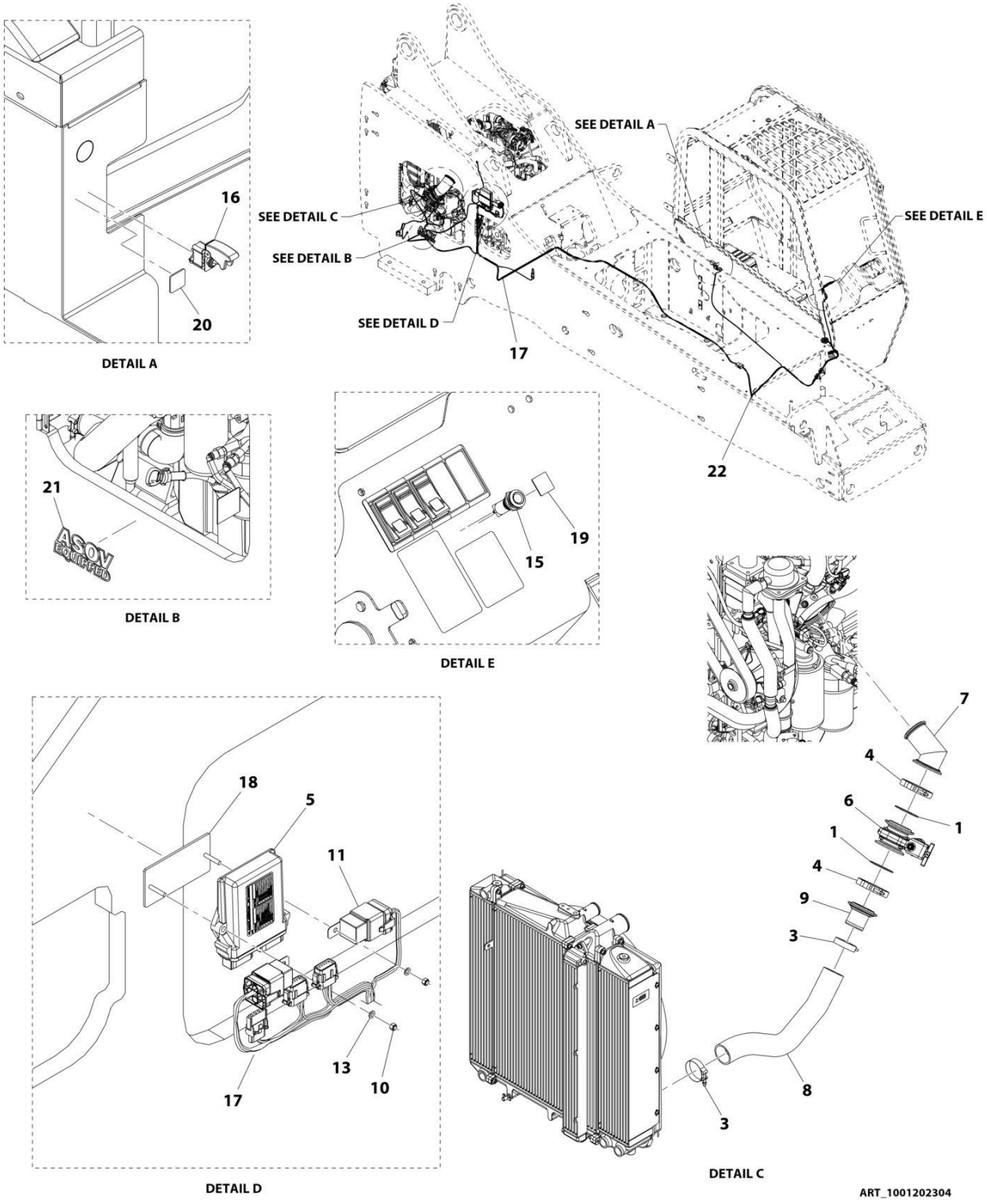


FIGURE 4-30. AIR INTAKE SHUT OFF VALVE INSTALLATION (PVC1911)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202304	Ref	Air Intake Shut Off Valve Installation	E
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	
21	1001227989	1	Decal , ASOV Equipped	
22	1001231560	1	Harness, POSI Air Shut Off Valve Cab (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 4-31. AIR INTAKE SHUT OFF VALVE INSTALLATION (PVC2005)

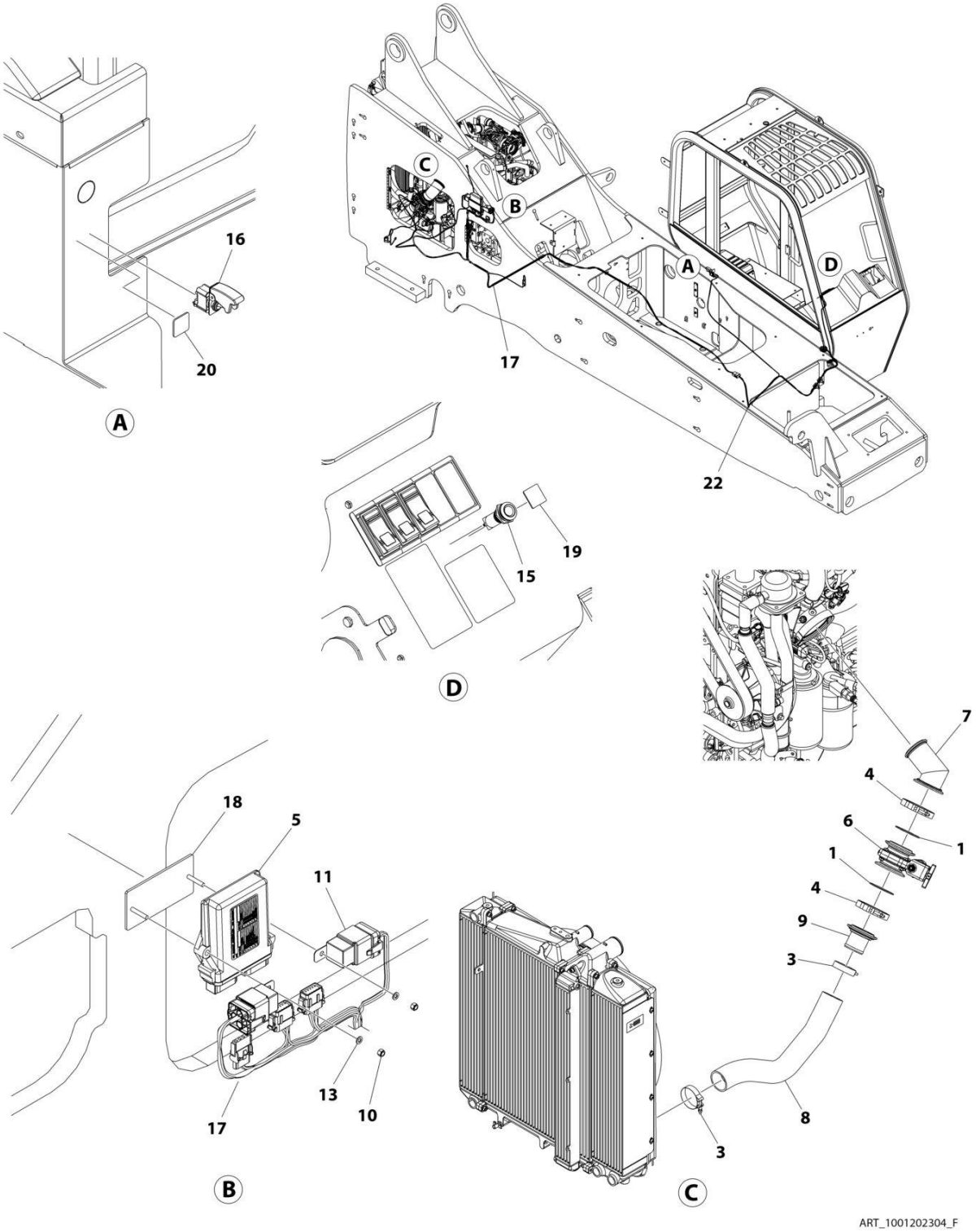


FIGURE 4-31. AIR INTAKE SHUT OFF VALVE INSTALLATION (PVC2005)

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 4-32. BREATHER HEATER INSTALLATION - 74HP

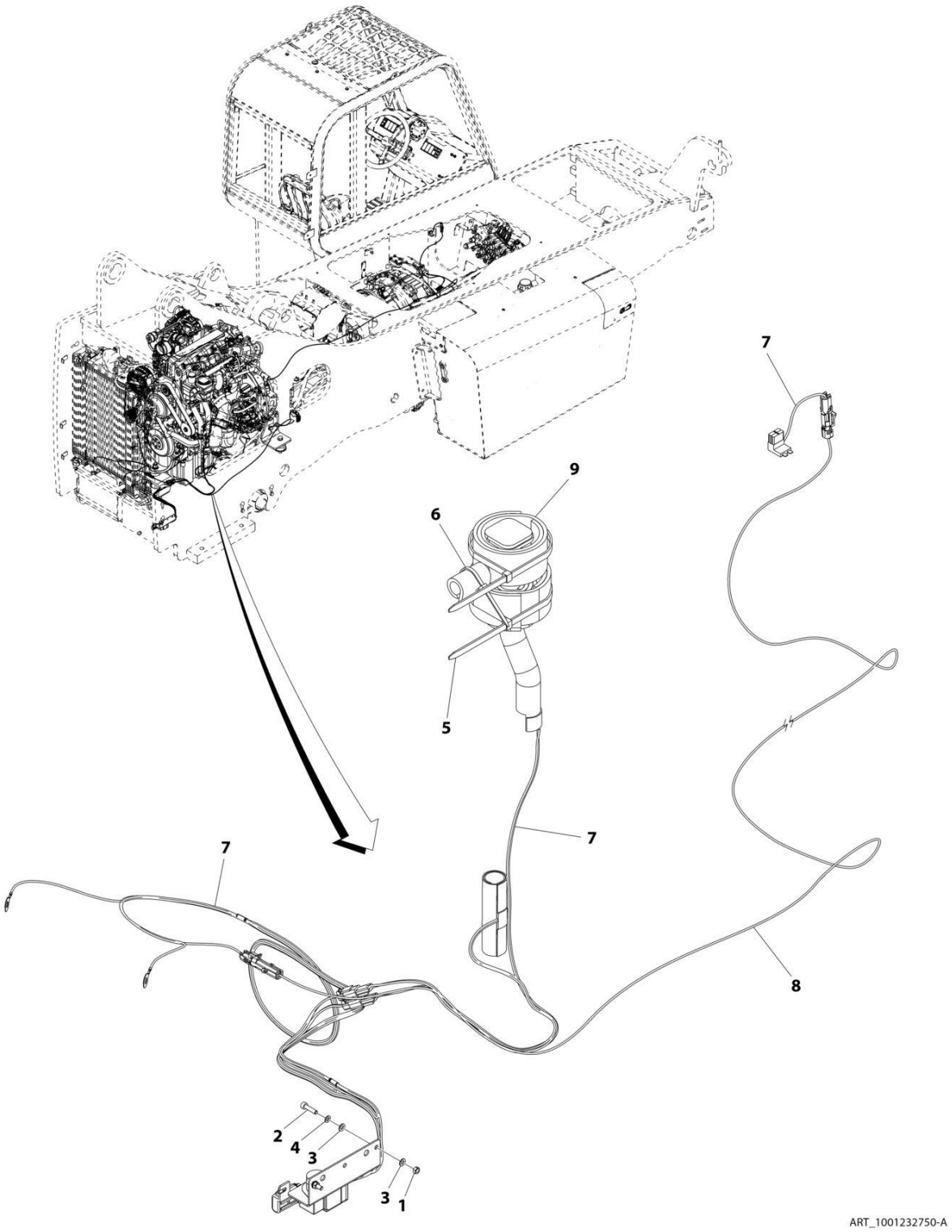


FIGURE 4-32. BREATHER HEATER INSTALLATION - 74HP

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 4-33. A/C COMPONENTS INSTALLATION - 74HP

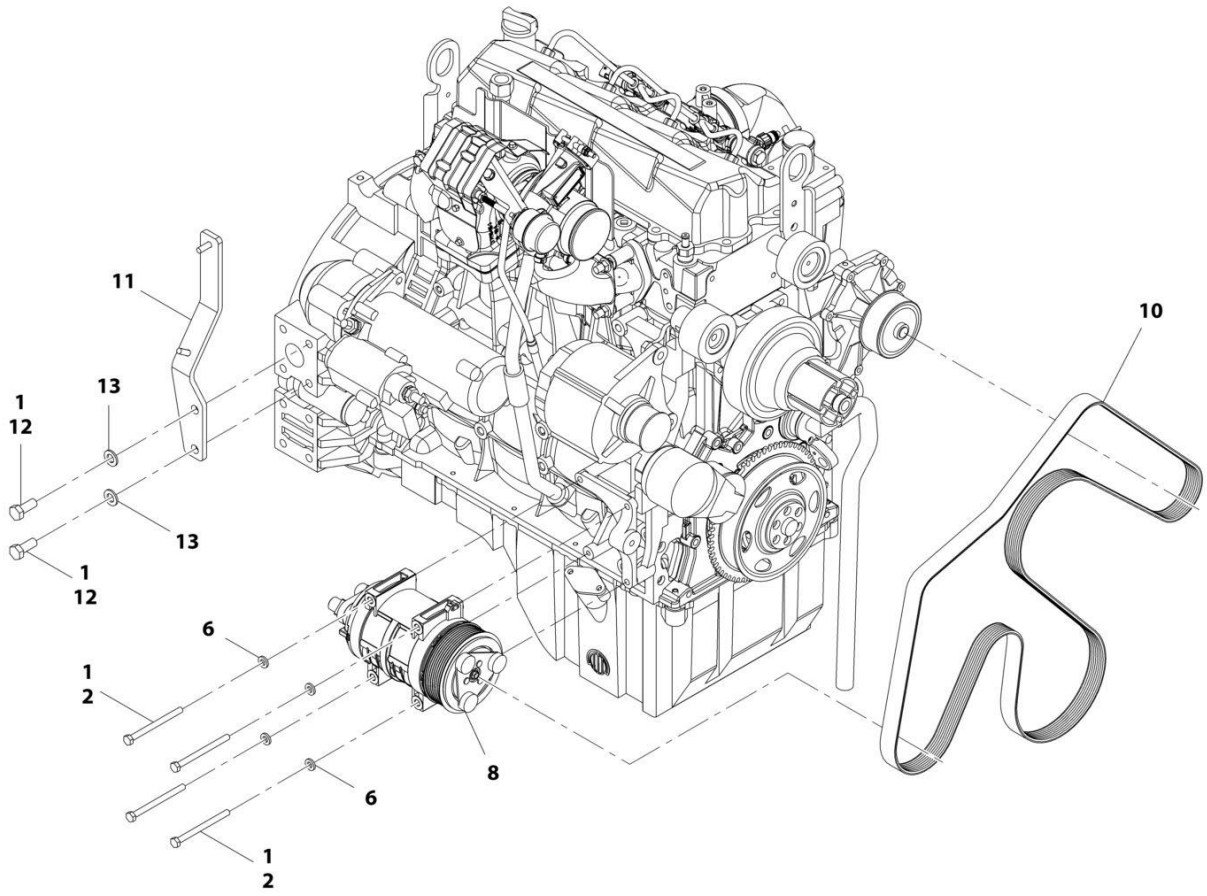


FIGURE 4-33. A/C COMPONENTS INSTALLATION - 74HP

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 4-34. A/C COMPONENTS INSTALLATION - 110HP

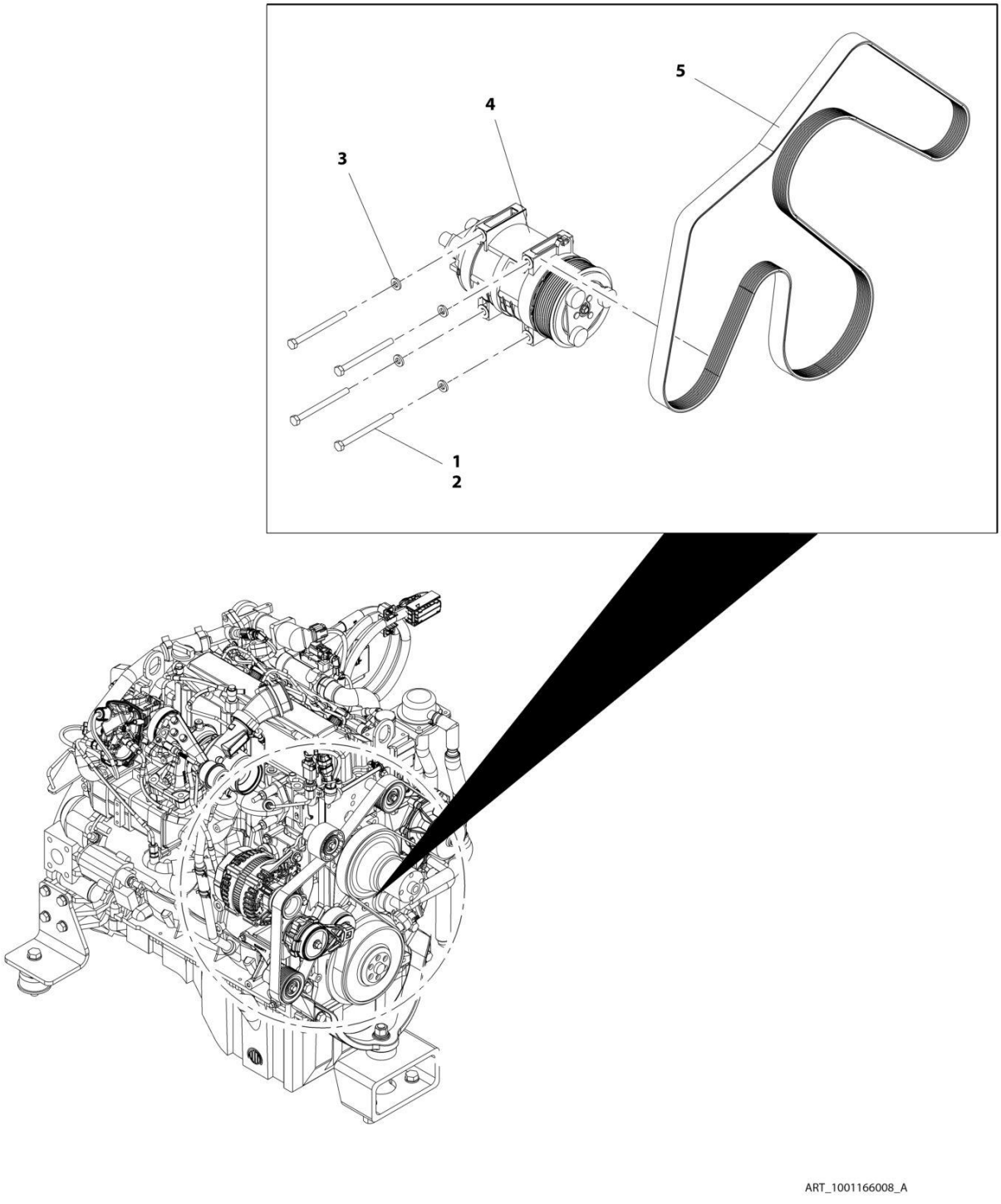


FIGURE 4-34. A/C COMPONENTS INSTALLATION - 110HP

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

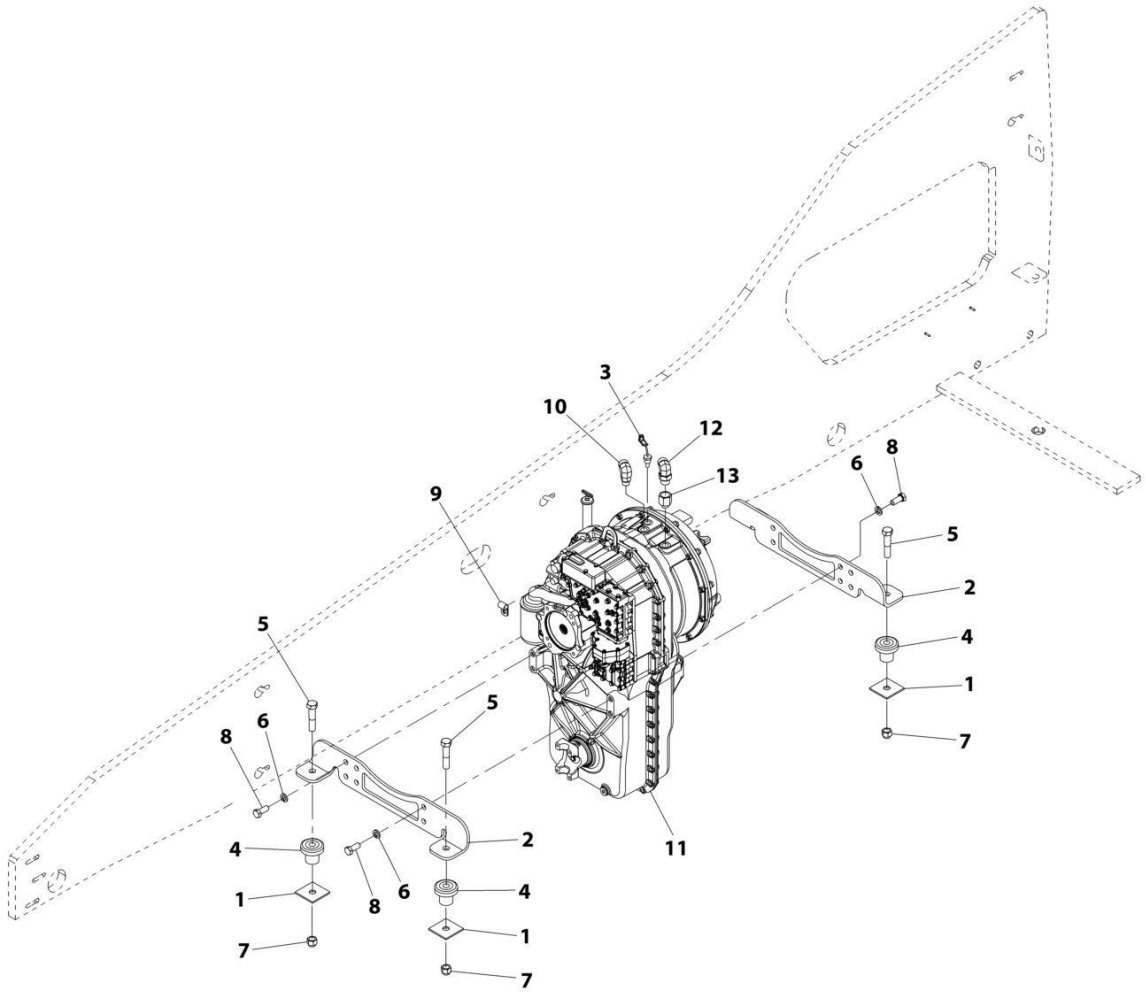
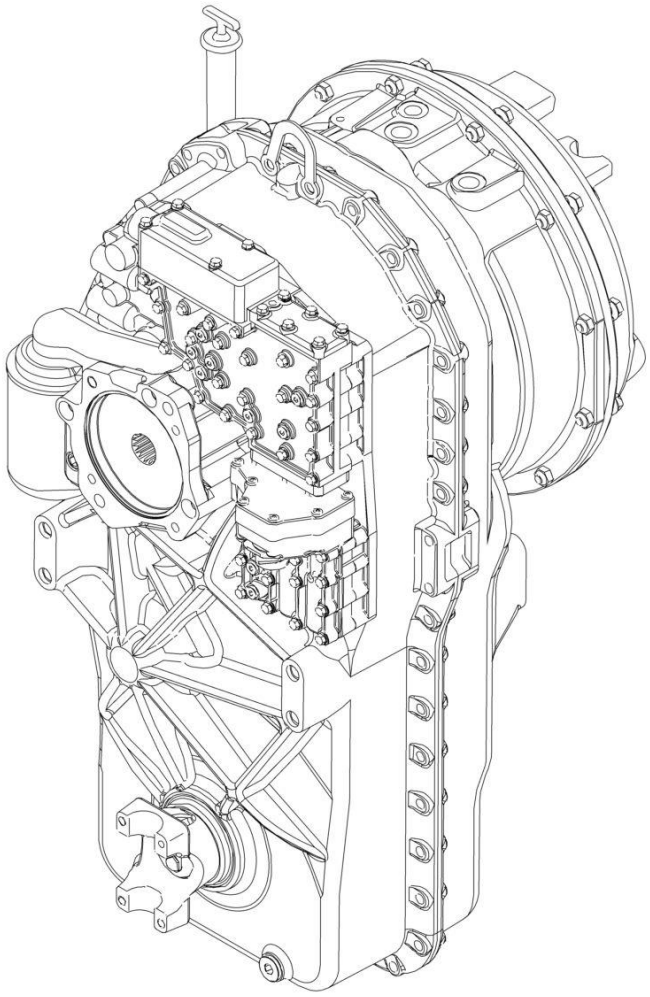


FIGURE 5-1. TRANSMISSION INSTALLATION

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

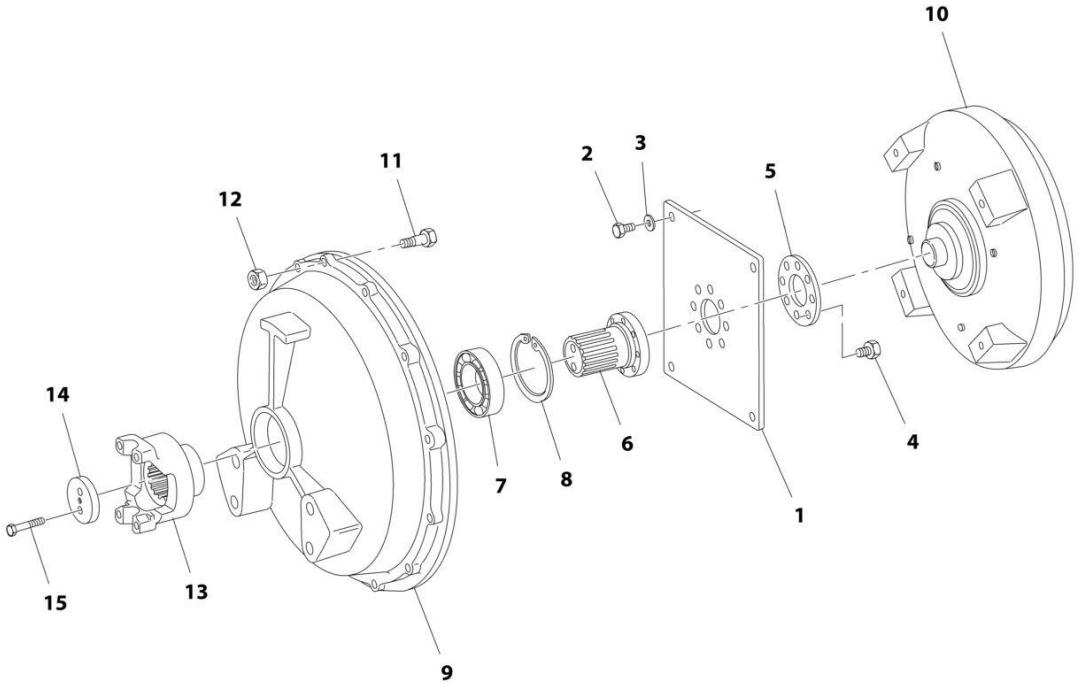


FIGURE 5-3. TRANSMISSION, ENGINE CONNECTION AND CONVERTER

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

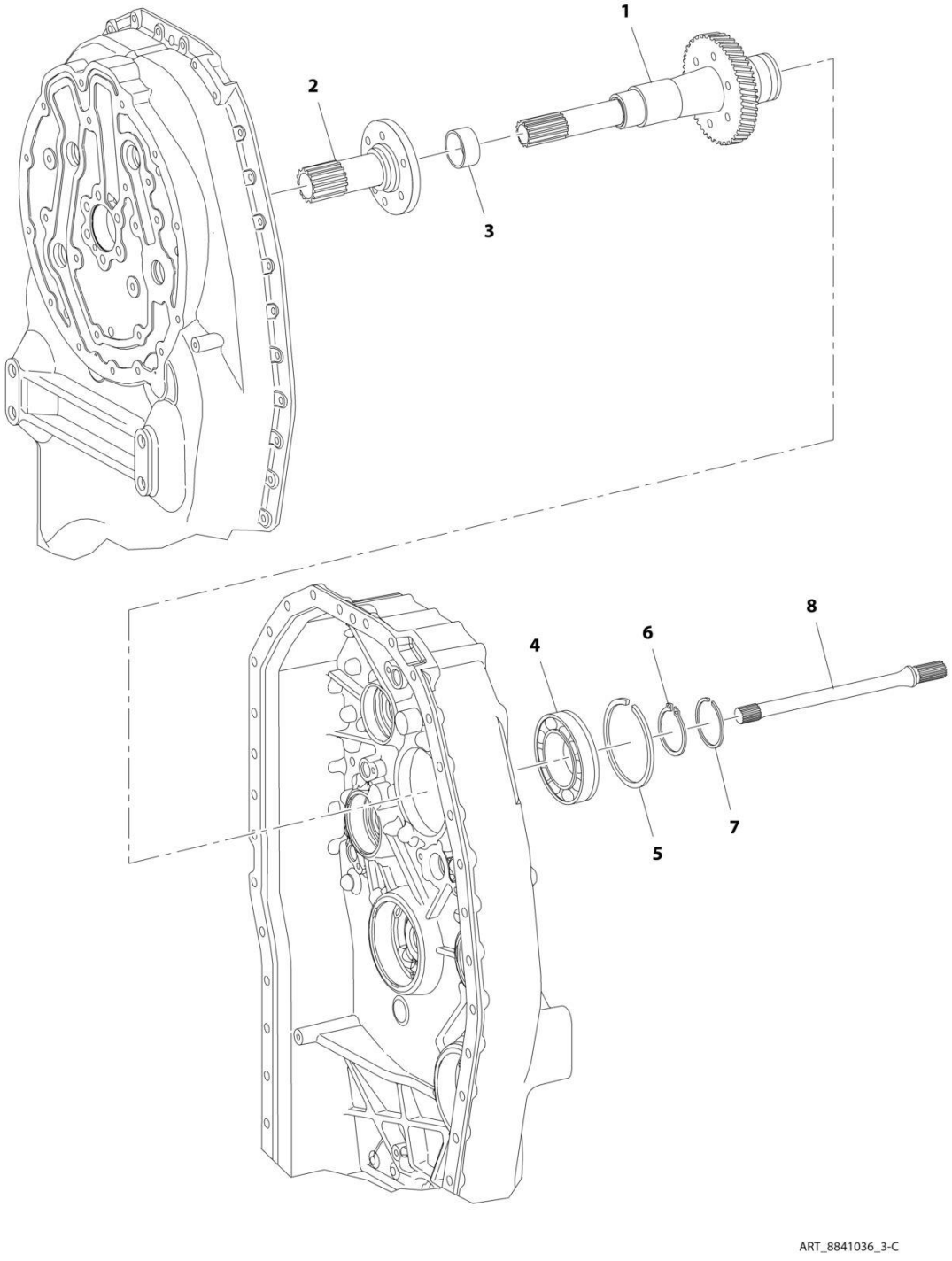


FIGURE 5-4. TRANSMISSION, INPUT SHAFTS

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

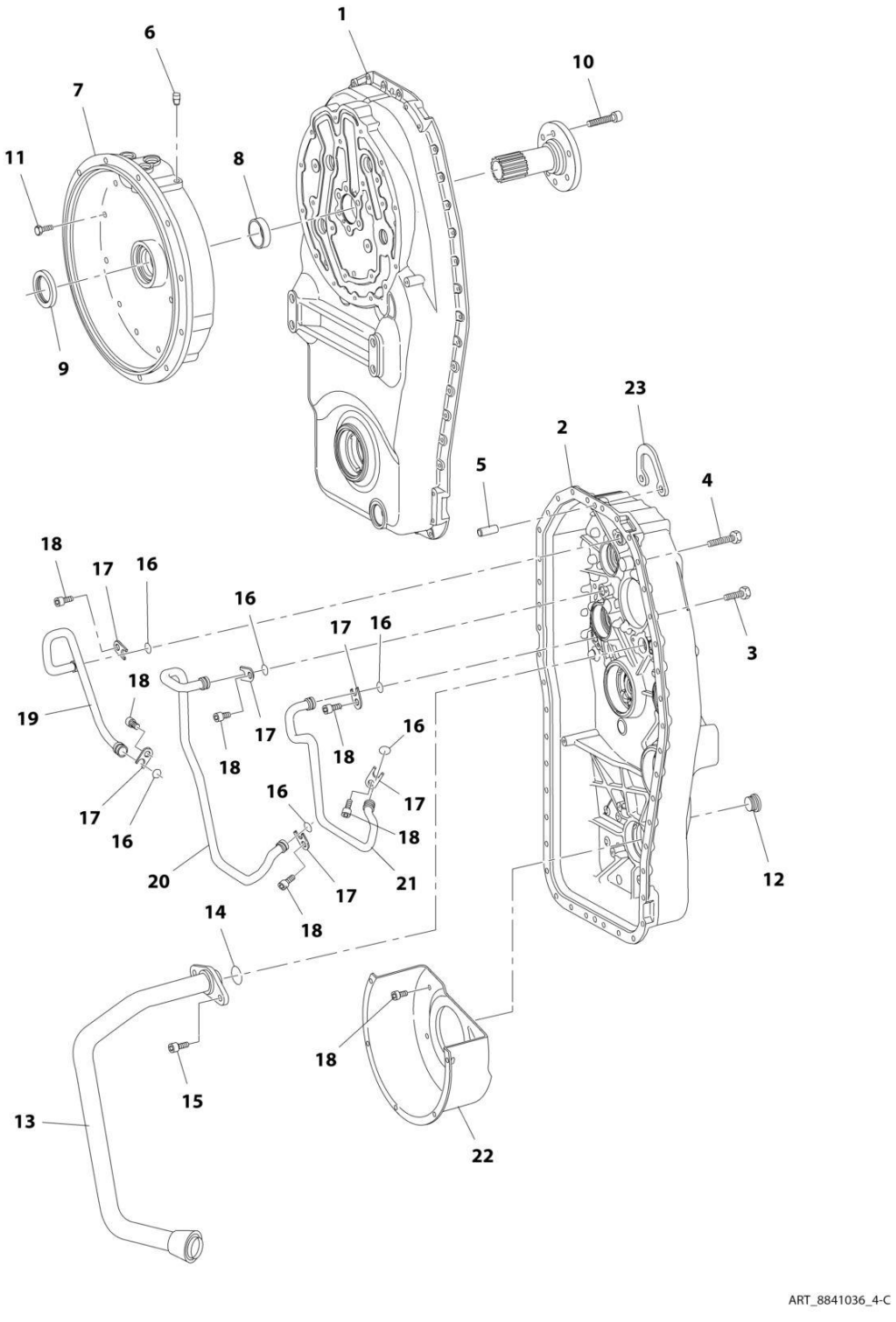


FIGURE 5-5. TRANSMISSION, GEARBOX HOUSING

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

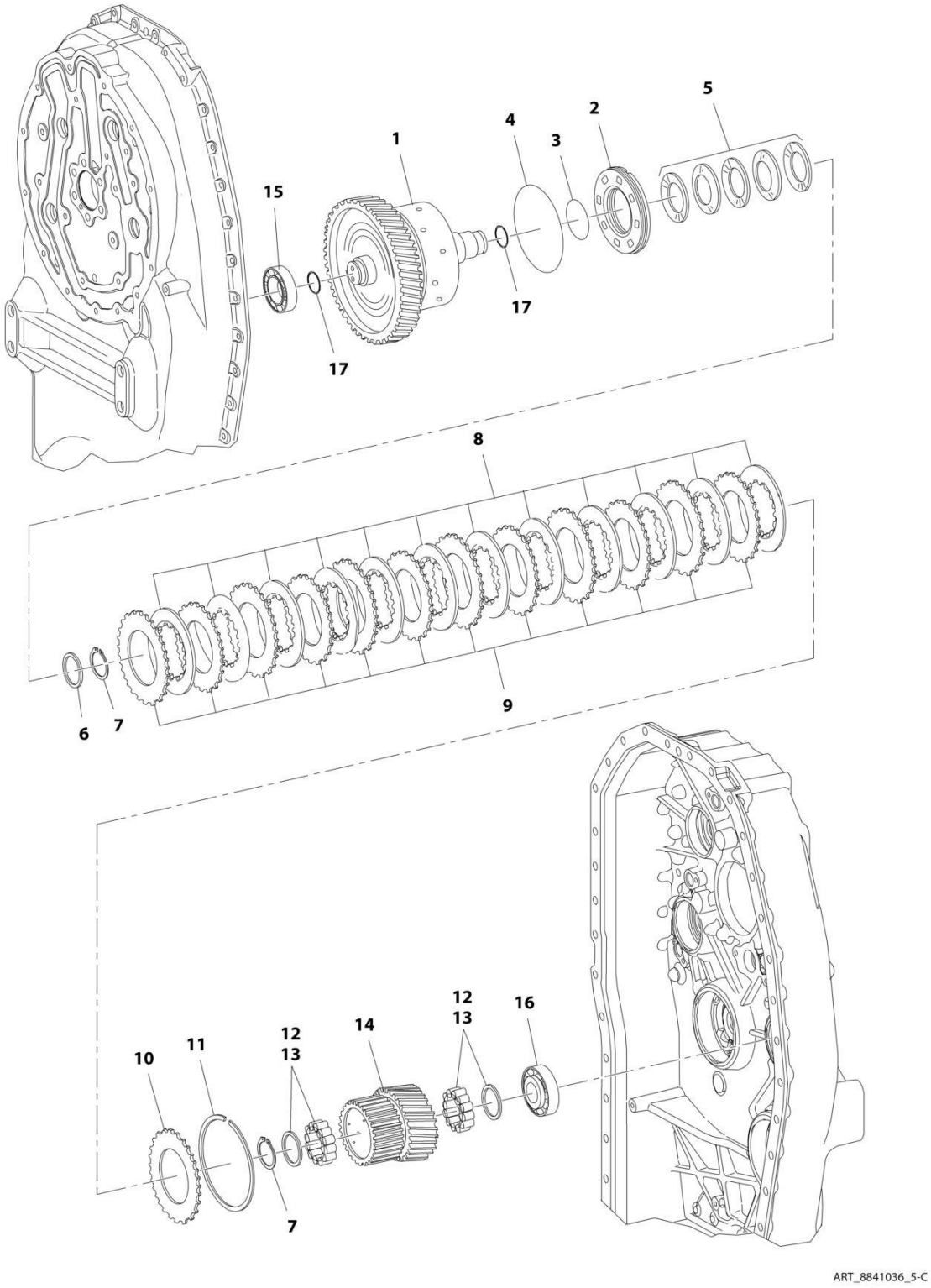


FIGURE 5-6. TRANSMISSION, COUPLING GROUP 1

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

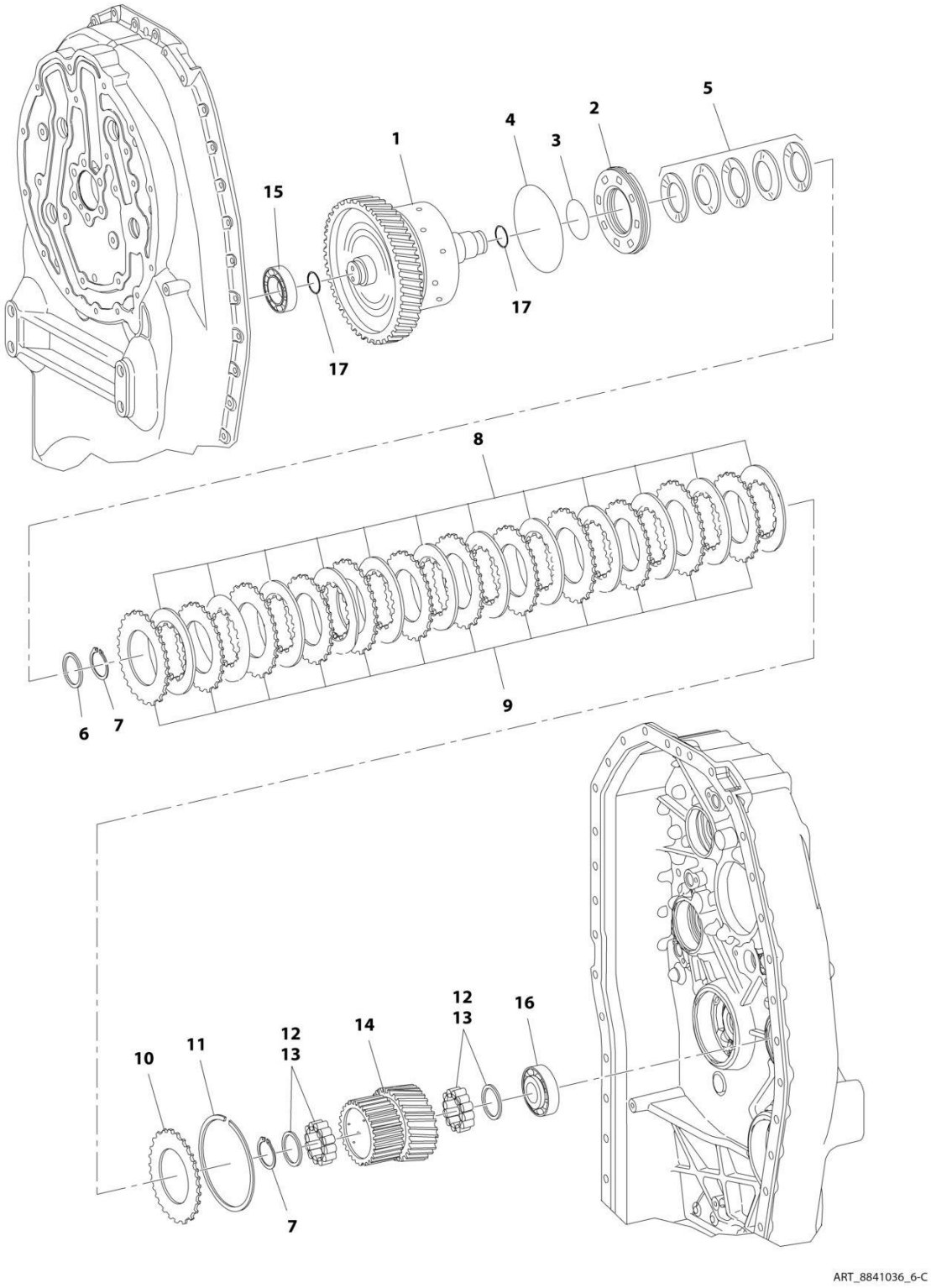


FIGURE 5-7. TRANSMISSION, COUPLING GROUP 2

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

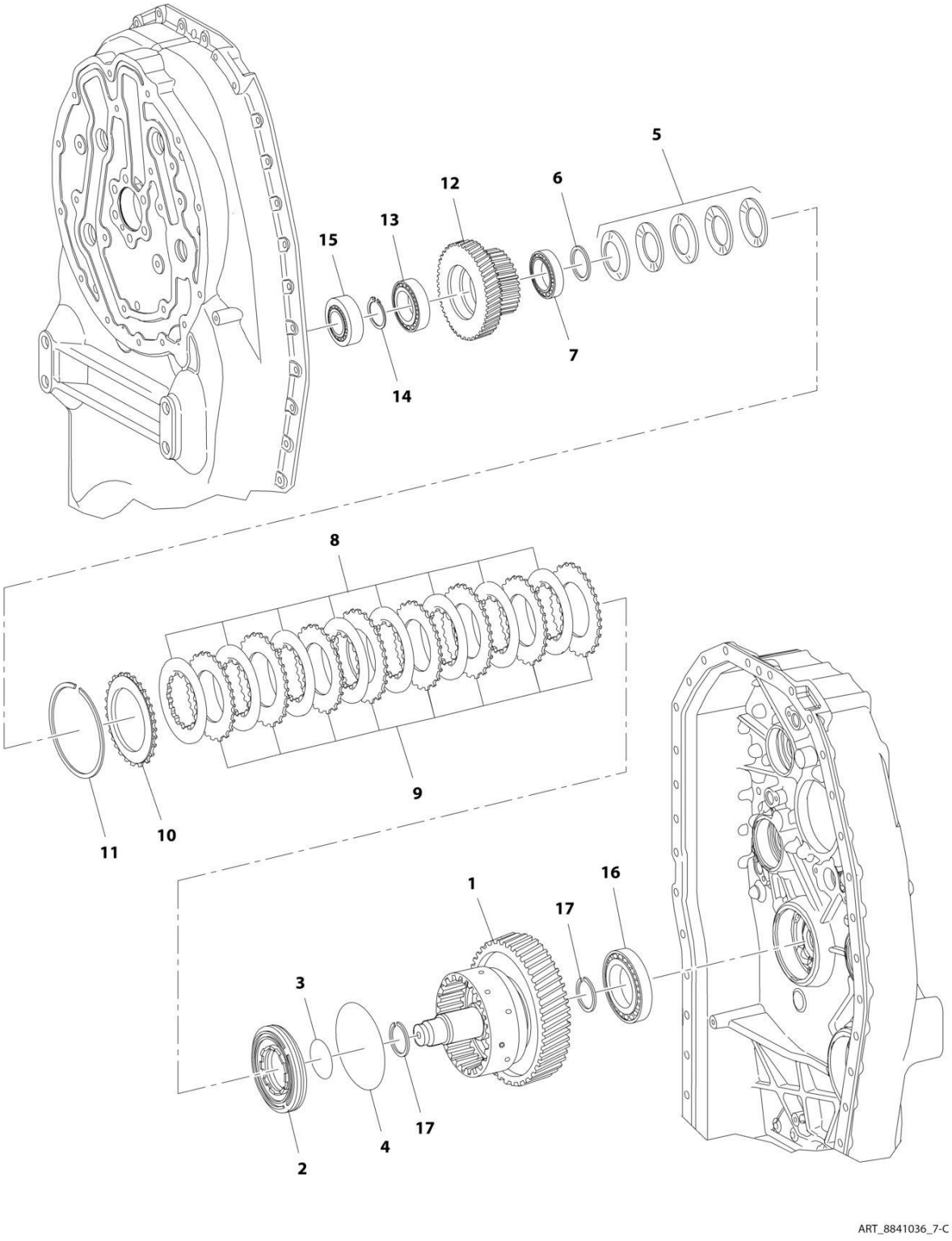


FIGURE 5-8. TRANSMISSION, COUPLING GROUP 3

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

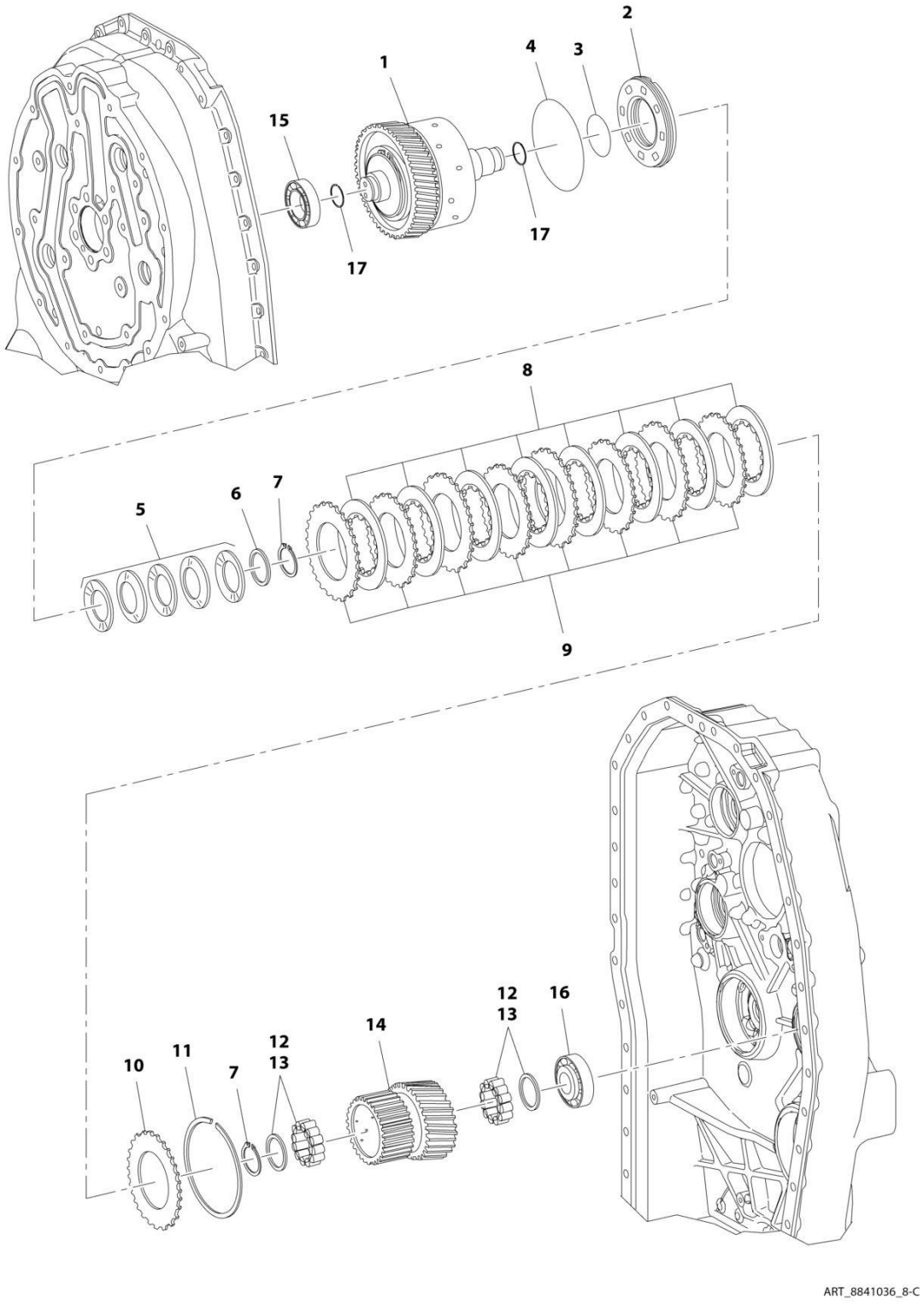


FIGURE 5-9. TRANSMISSION, COUPLING GROUP 4

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

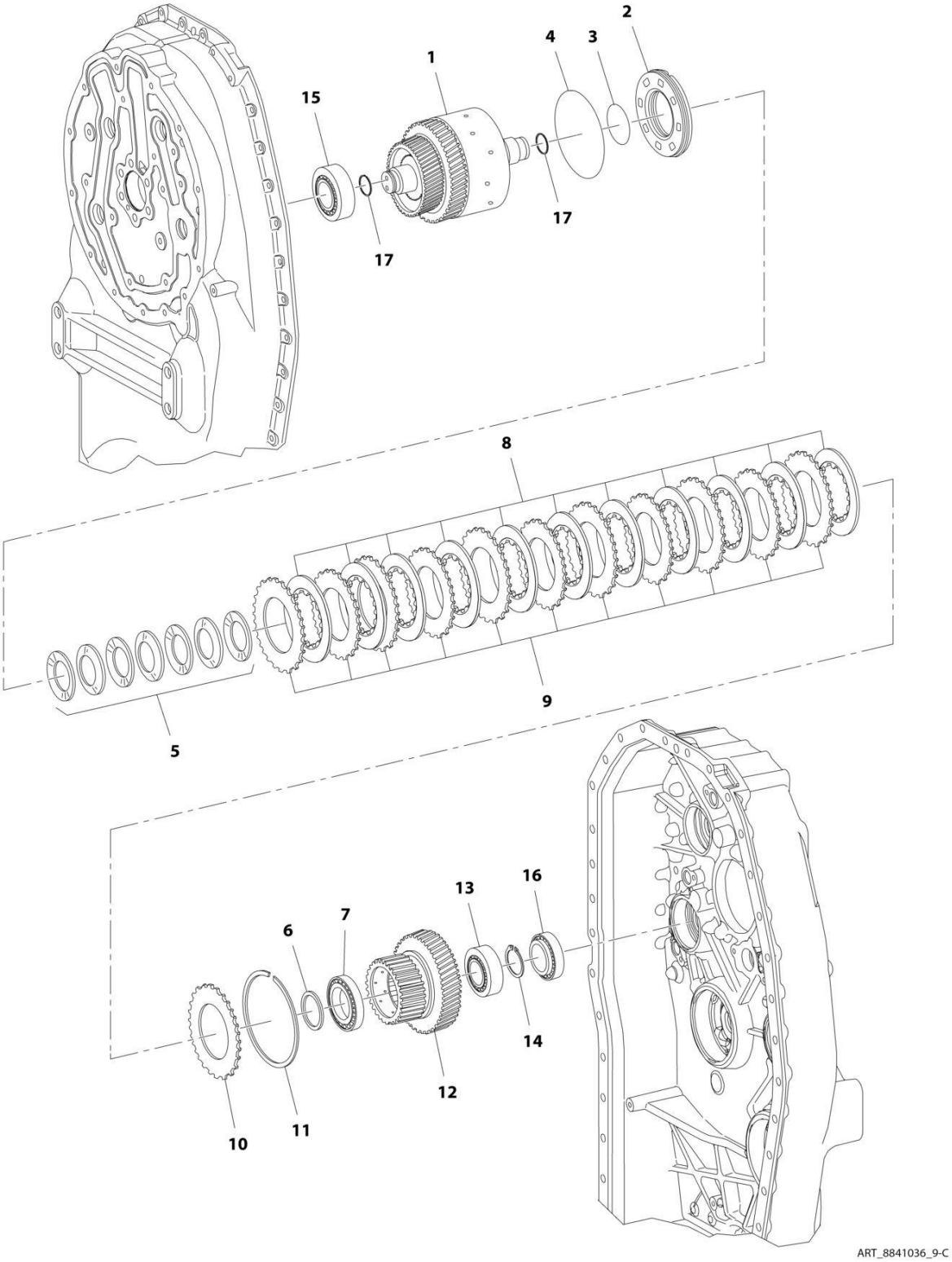


FIGURE 5-10. TRANSMISSION, REVERSING GEAR GROUP 1

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

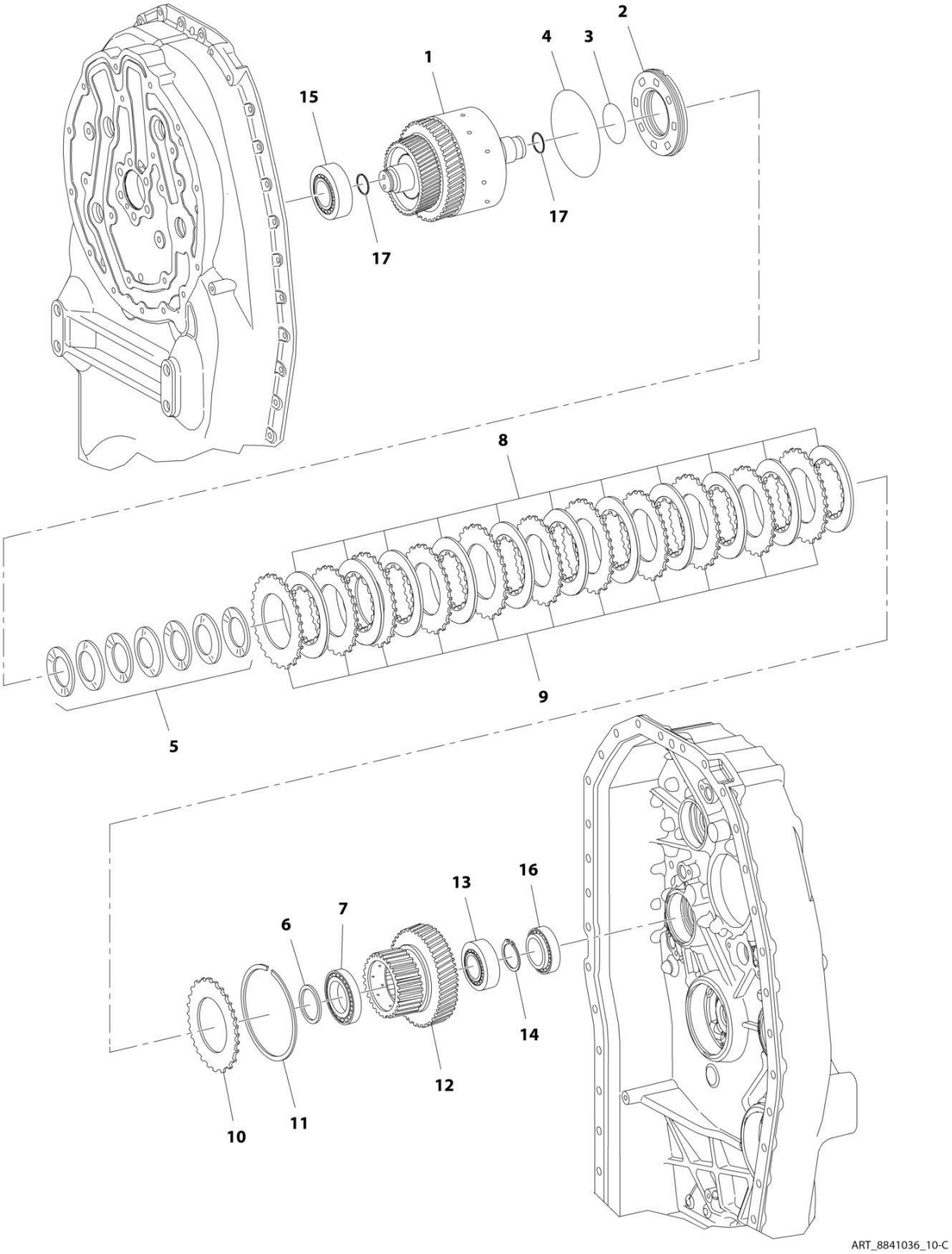


FIGURE 5-11. TRANSMISSION, REVERSING GEAR GROUP 2

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

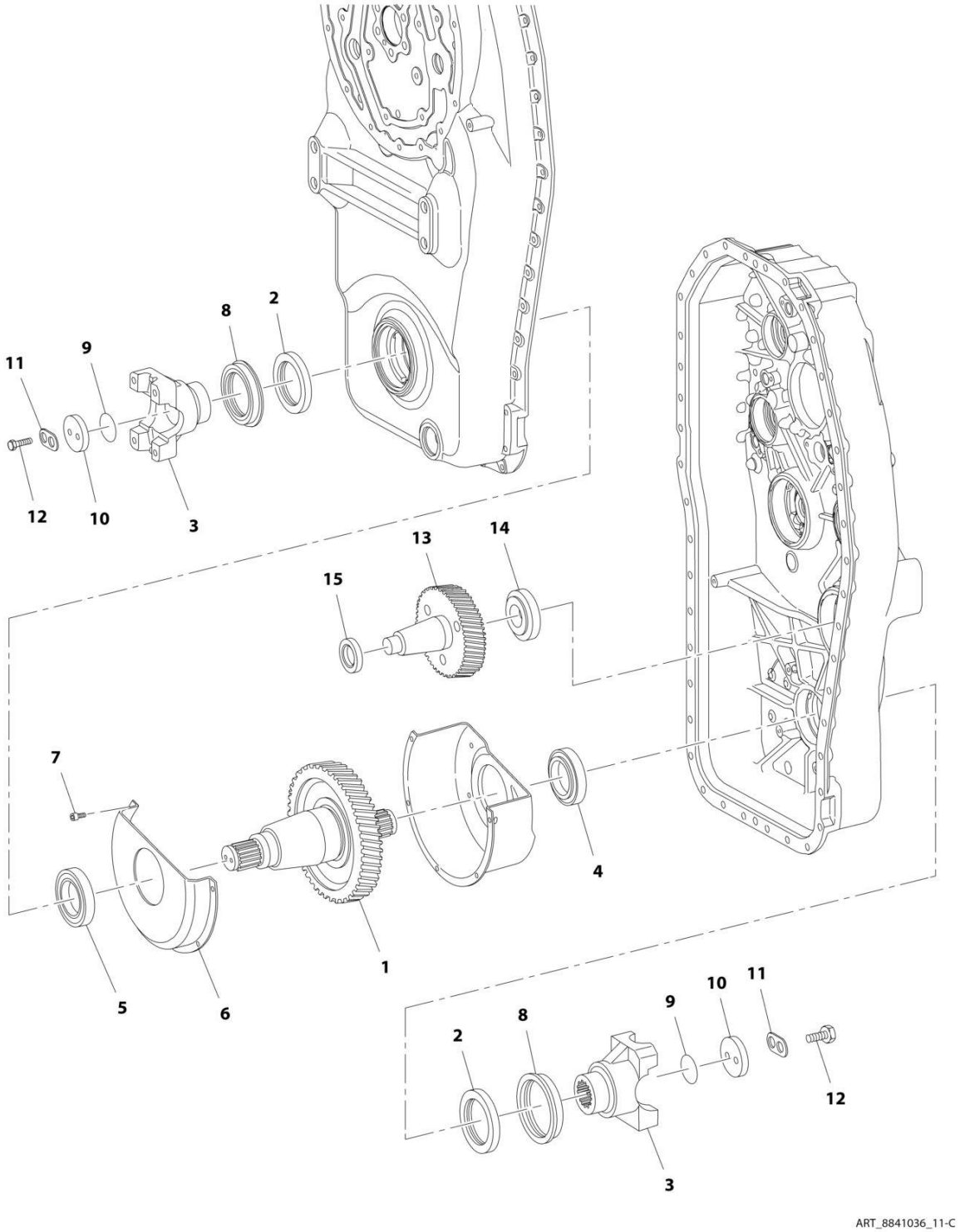


FIGURE 5-12. TRANSMISSION, OUTPUT

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

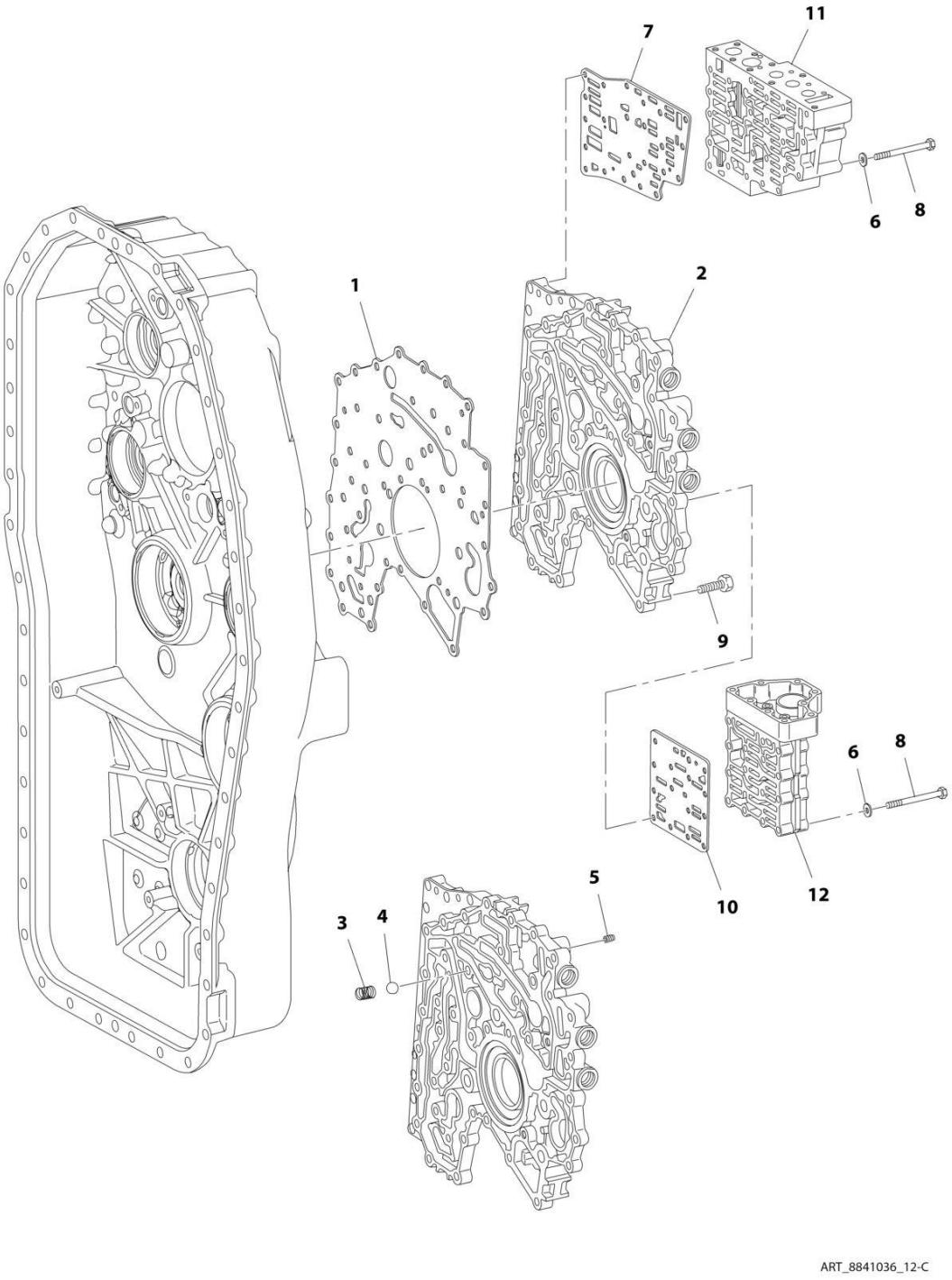


FIGURE 5-13. TRANSMISSION, CONTROL UNIT

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

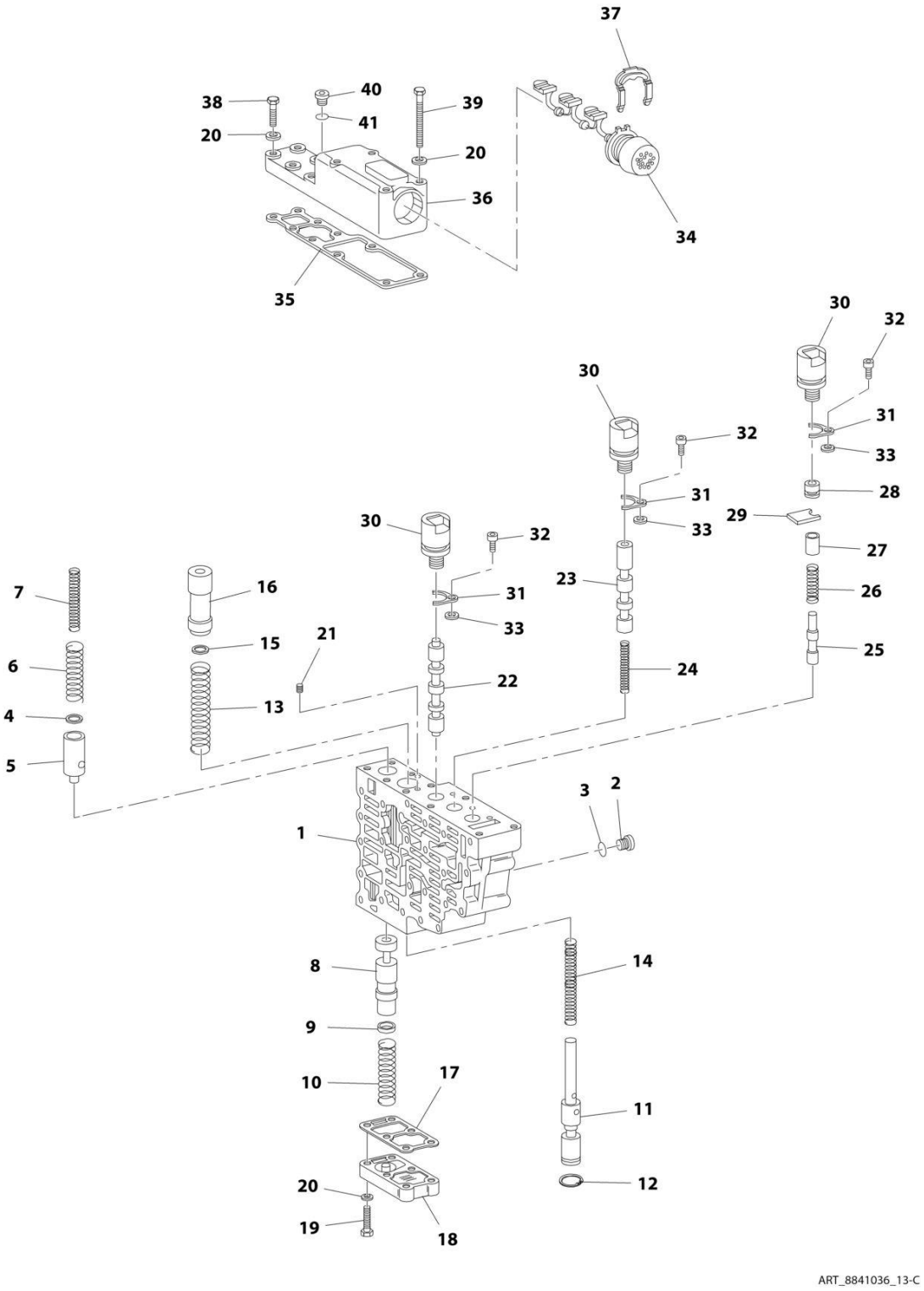


FIGURE 5-14. TRANSMISSION, VALVE HOUSING ASSEMBLY

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

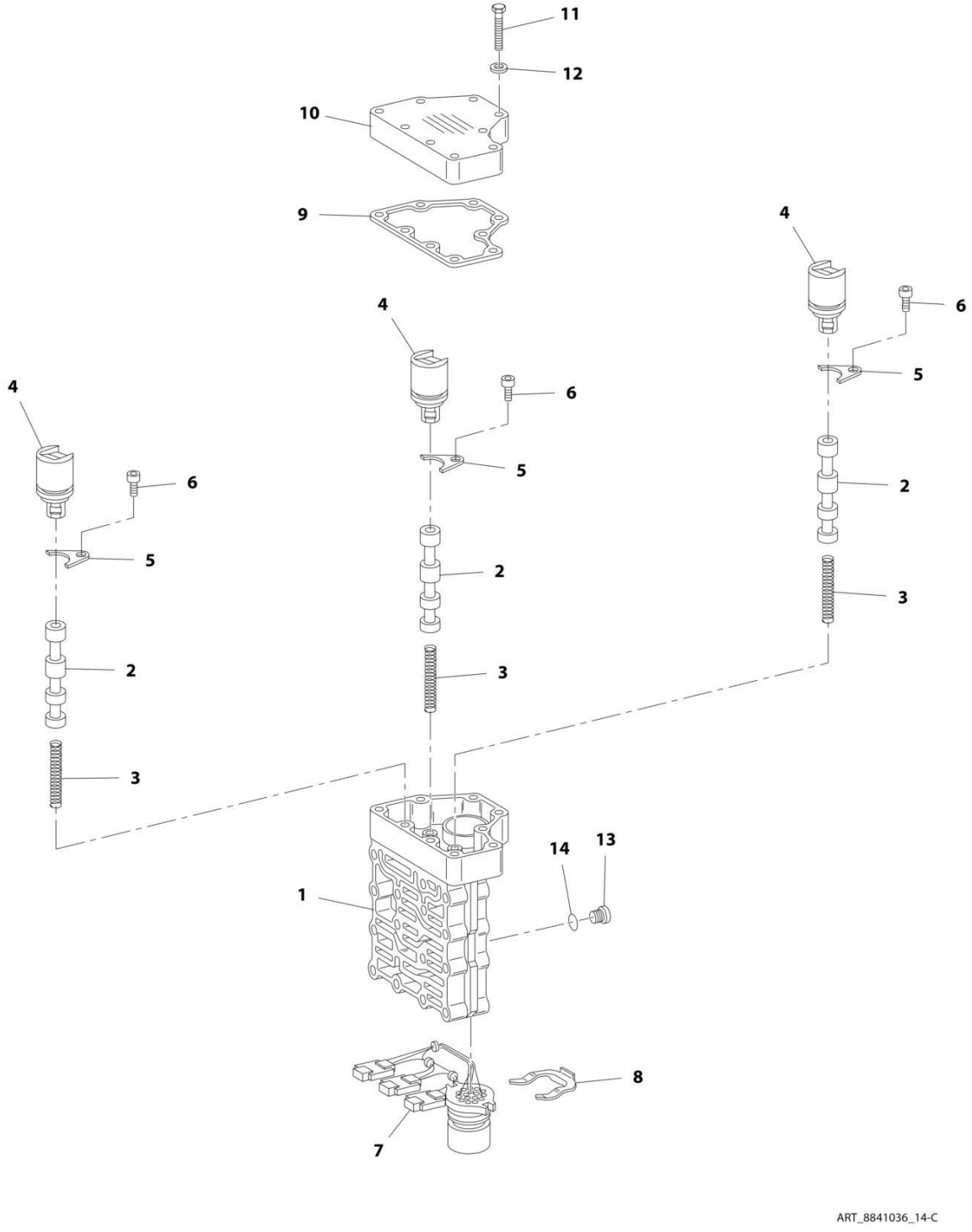


FIGURE 5-15. TRANSMISSION, VALVE BLOCK ASSEMBLY

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

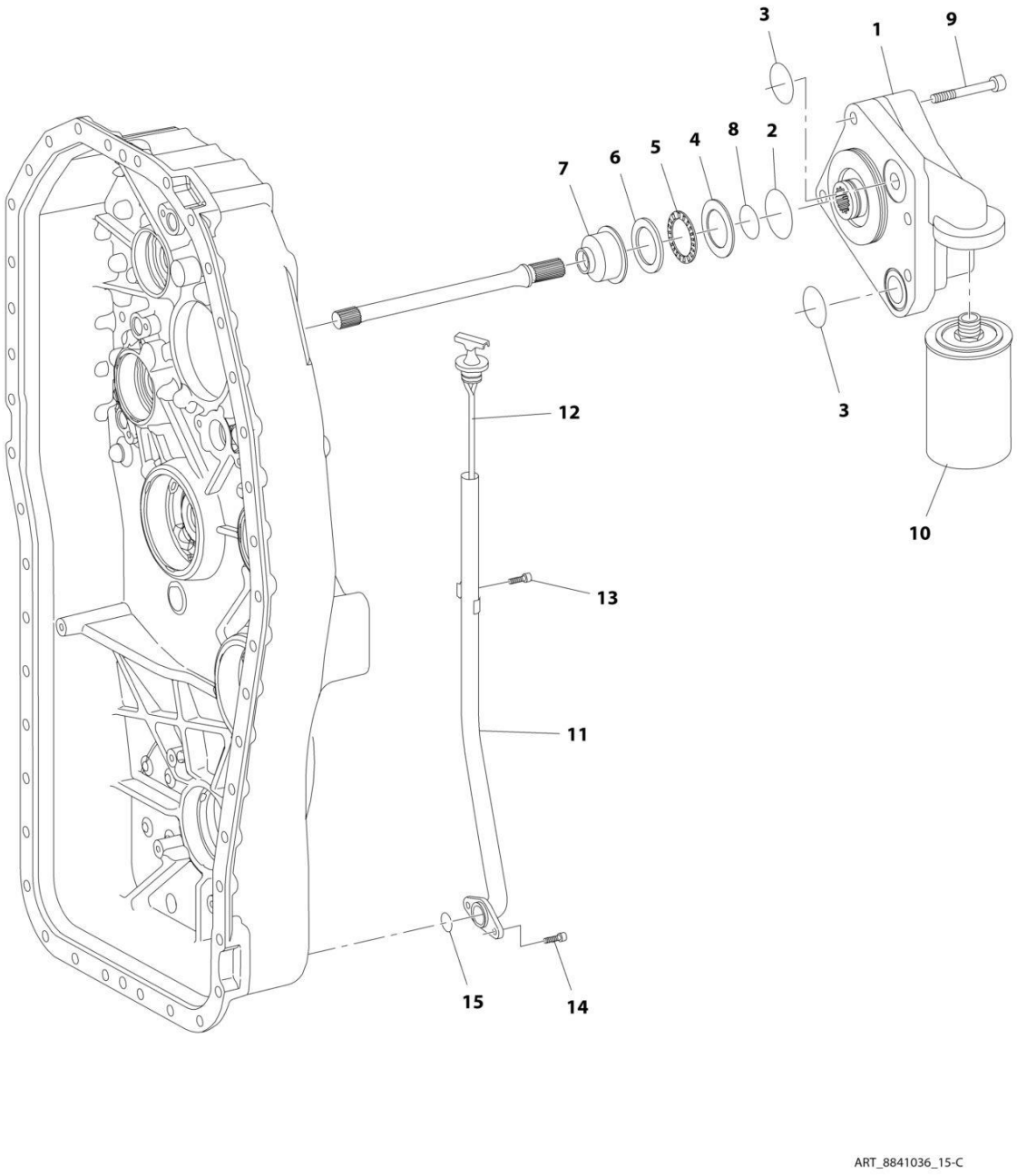


FIGURE 5-16. TRANSMISSION, OIL PUMP AND FILTER

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 (8042)

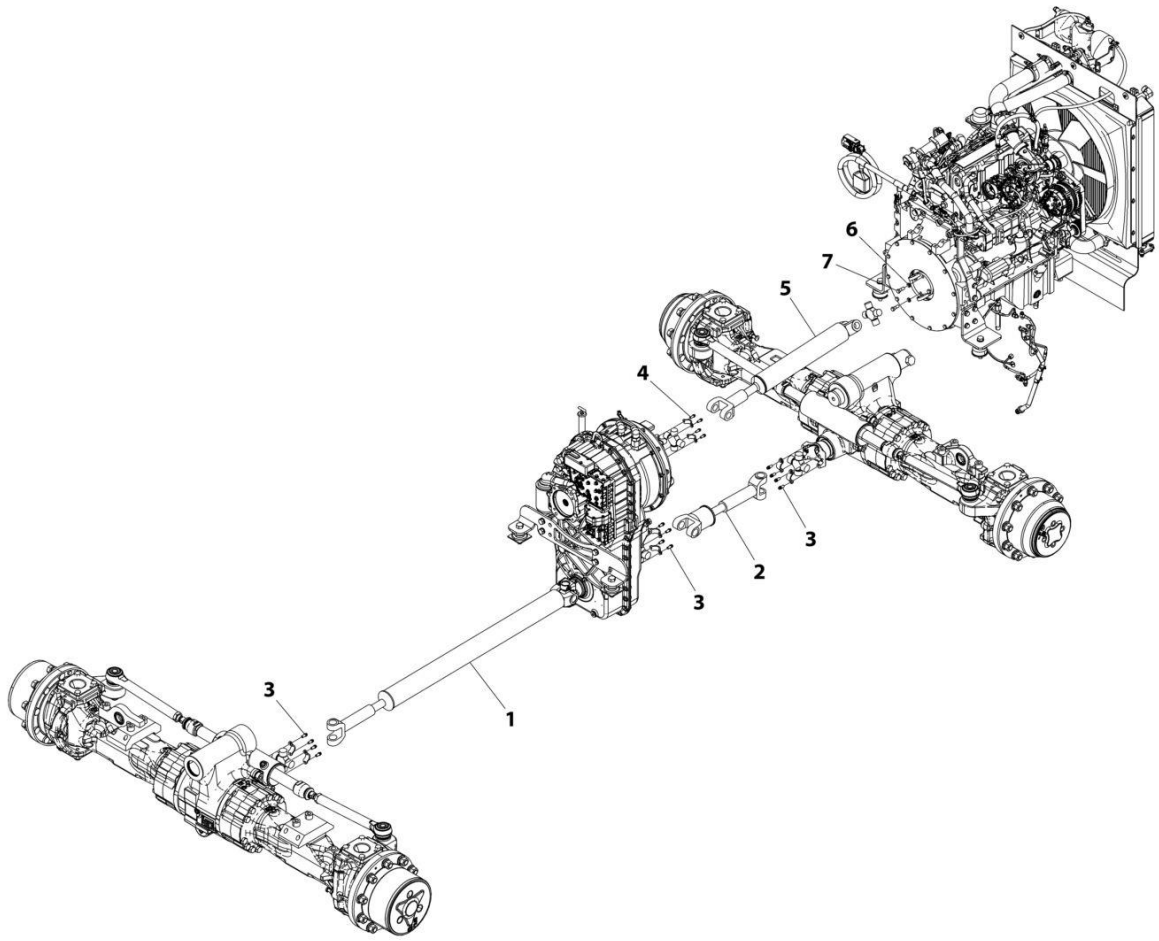


FIGURE 5-17. DRIVE SHAFT INSTALLATION (8042)

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

FIGURE 5-18. DRIVE SHAFT INSTALLATION (10042,10054)

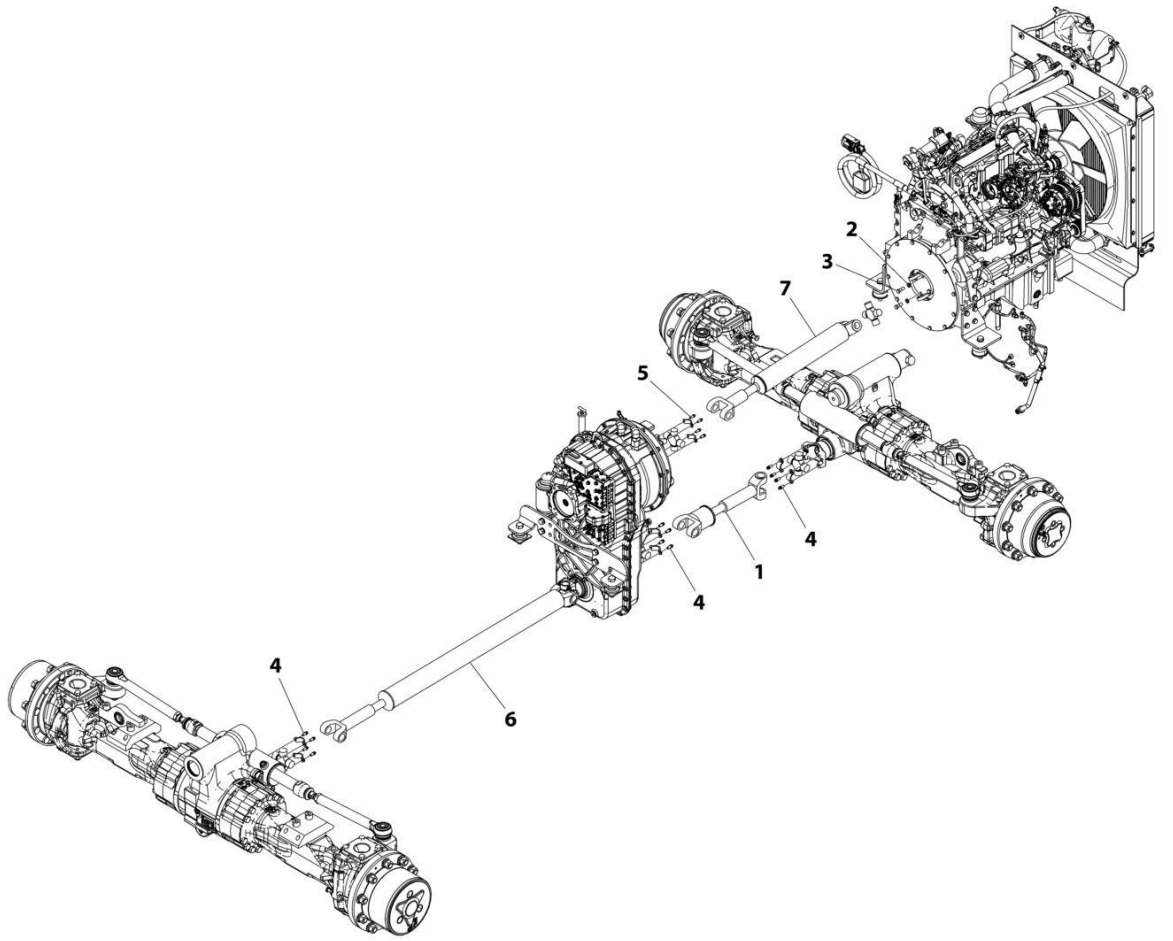


FIGURE 5-18. DRIVE SHAFT INSTALLATION (10042,10054)

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 5-19. DRIVE SHAFT ASSEMBLY (INPUT)

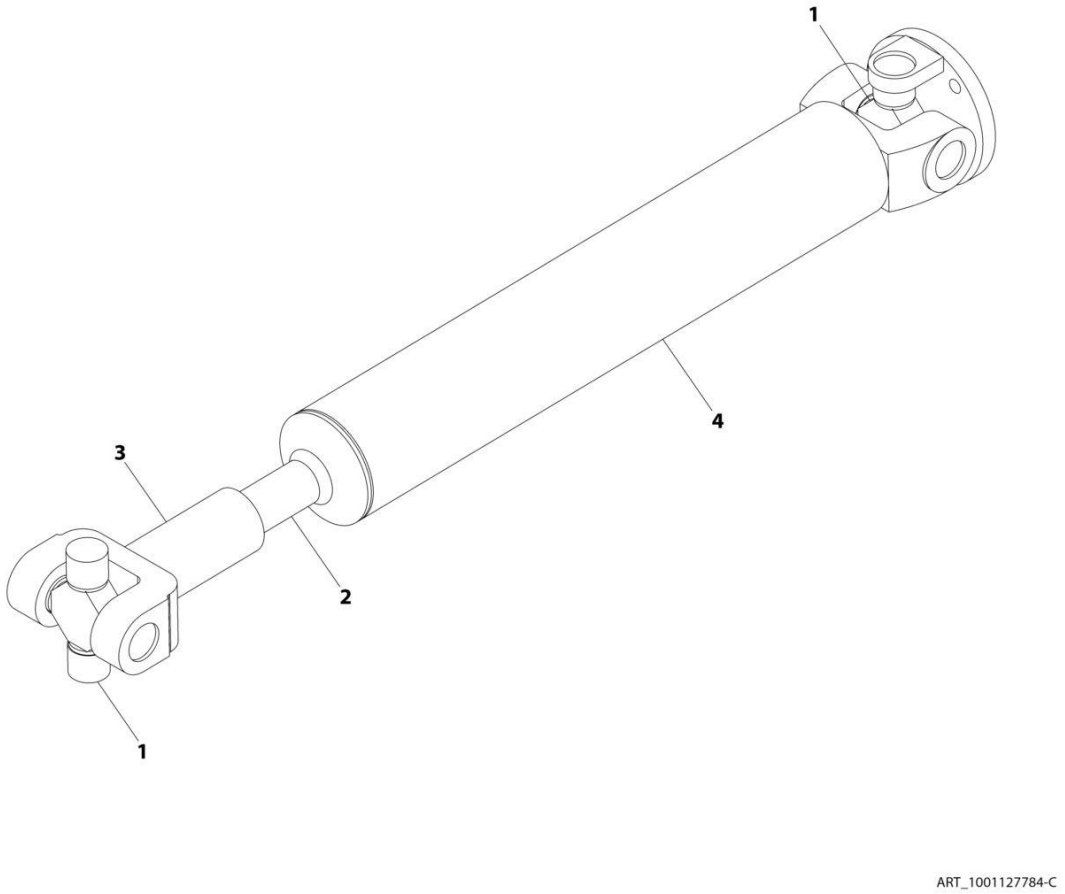


FIGURE 5-19. DRIVE SHAFT ASSEMBLY (INPUT)

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

FIGURE 5-20. DRIVE SHAFT ASSEMBLY (FRONT) (8042)

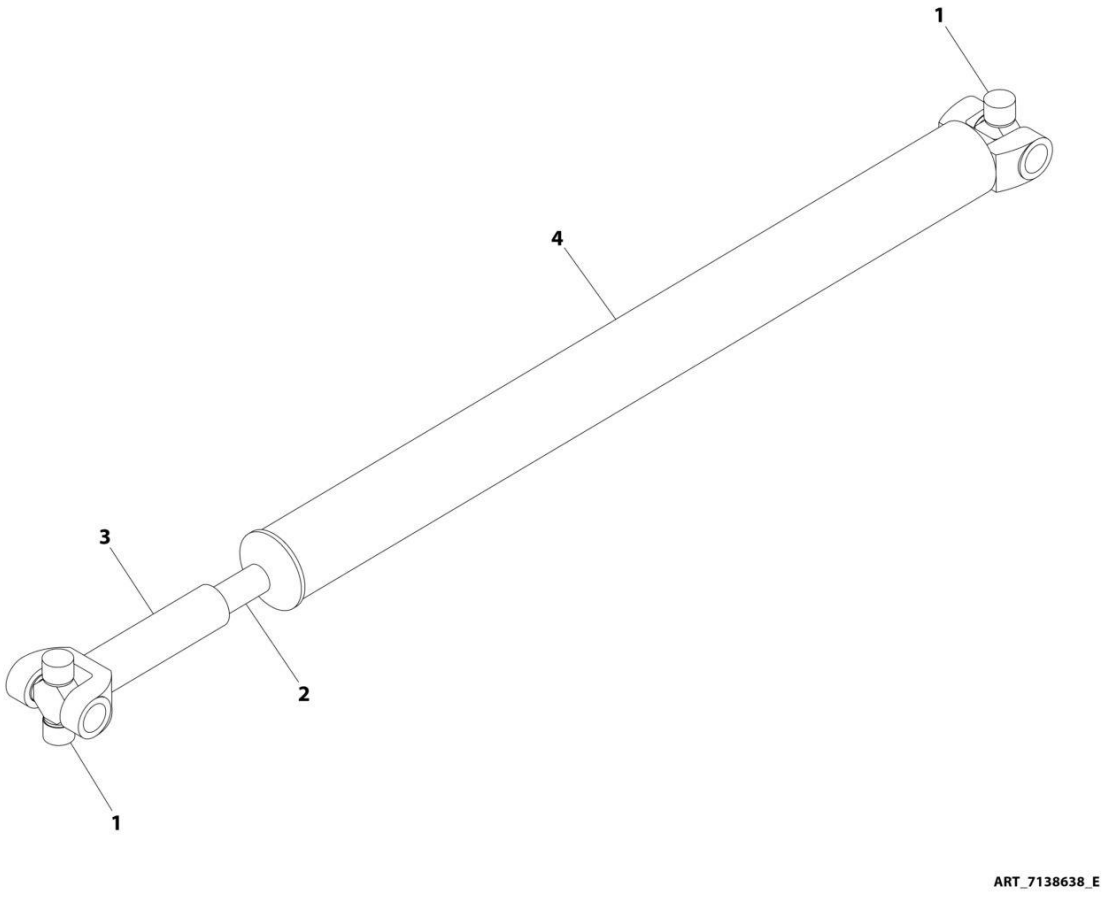


FIGURE 5-20. DRIVE SHAFT ASSEMBLY (FRONT) (8042)

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

FIGURE 5-21. DRIVE SHAFT ASSEMBLY (FRONT) (10042,10054)

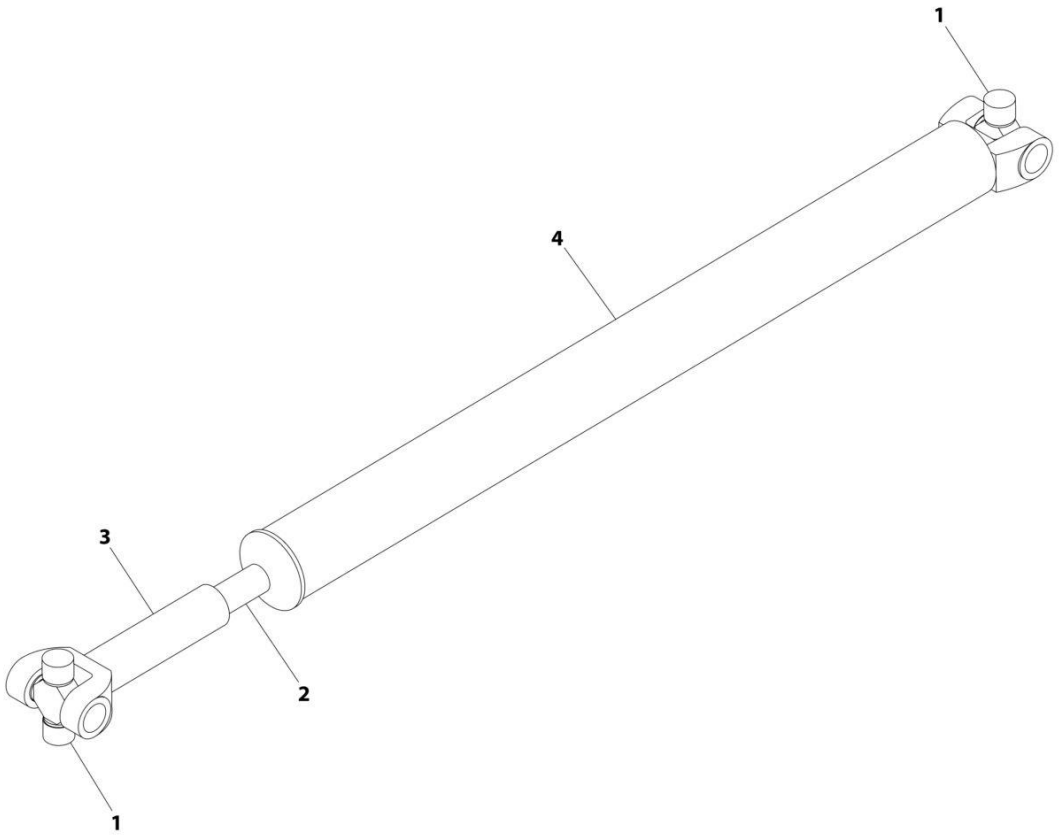


FIGURE 5-21. DRIVE SHAFT ASSEMBLY (FRONT) (10042,10054)

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 5-22. DRIVE SHAFT ASSEMBLY (REAR)

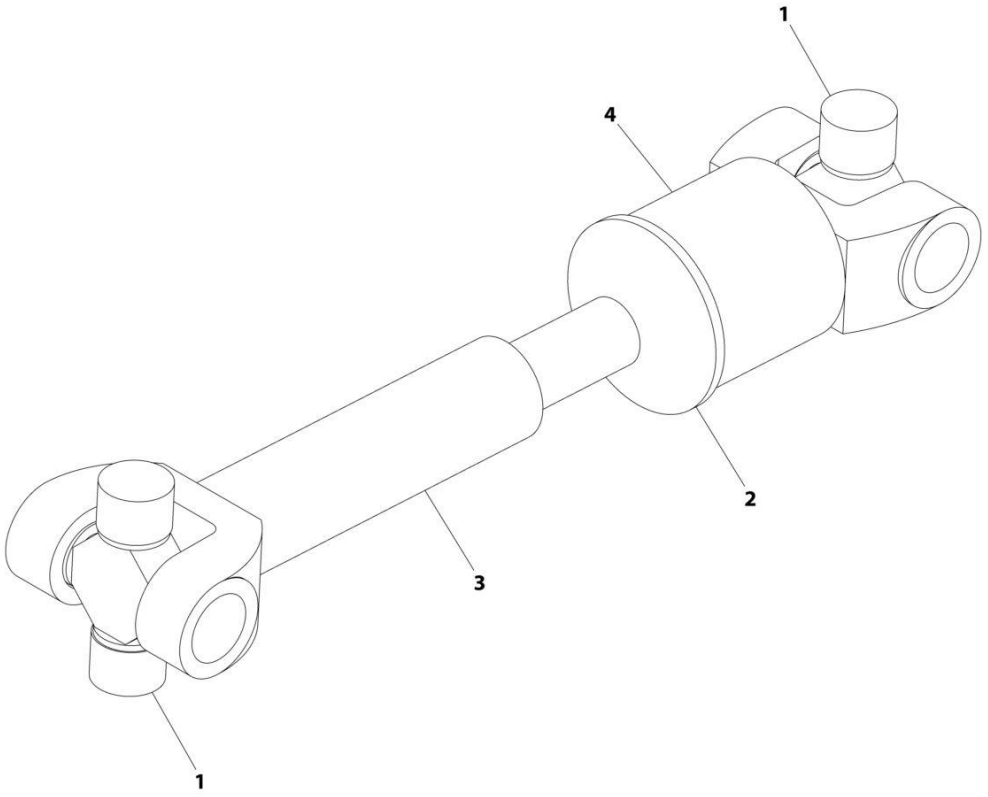


FIGURE 5-22. DRIVE SHAFT ASSEMBLY (REAR)

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 5-23. AXLE INSTALLATION (74HP) (8042)

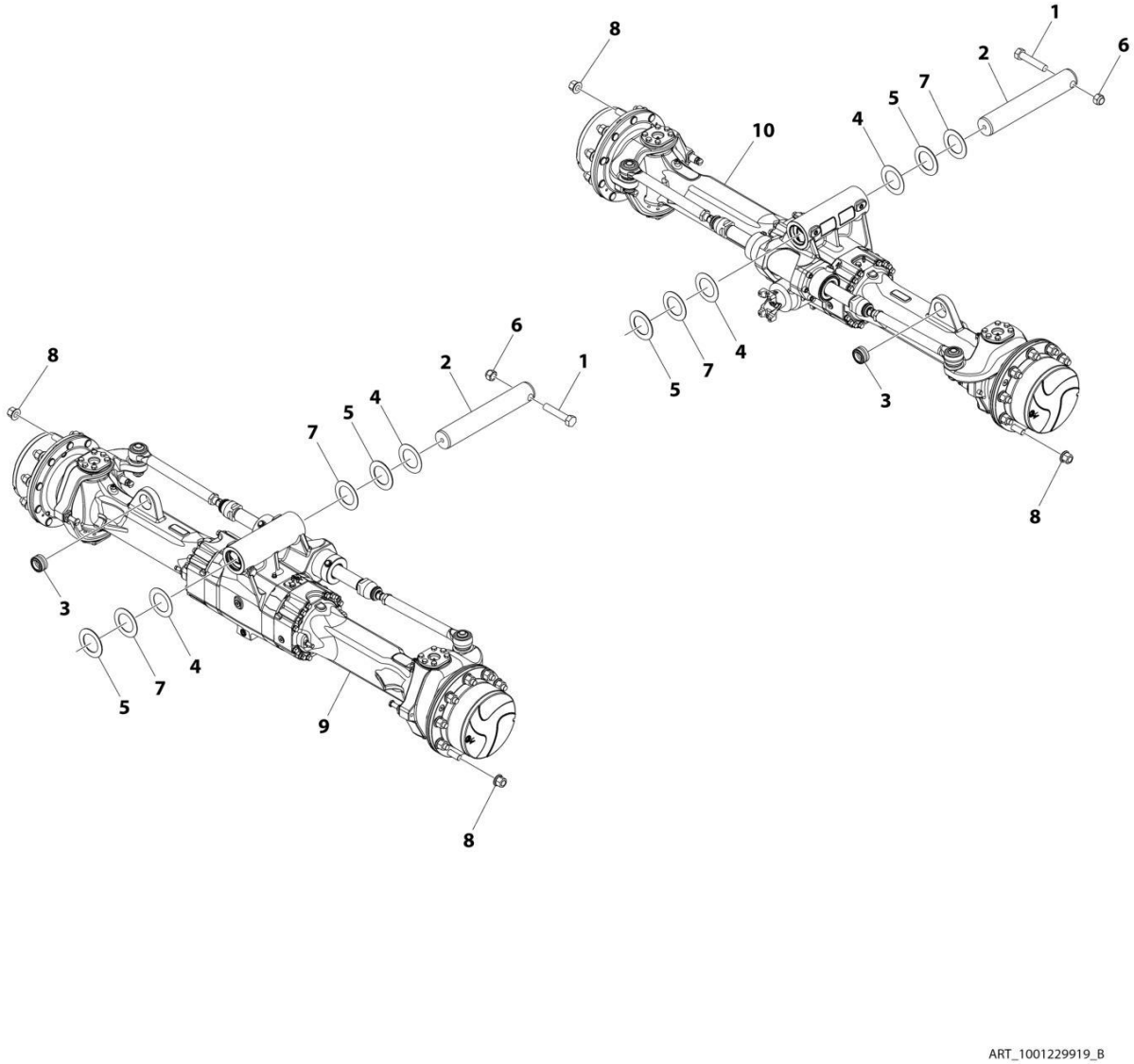


FIGURE 5-23. AXLE INSTALLATION (74HP) (8042)

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

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

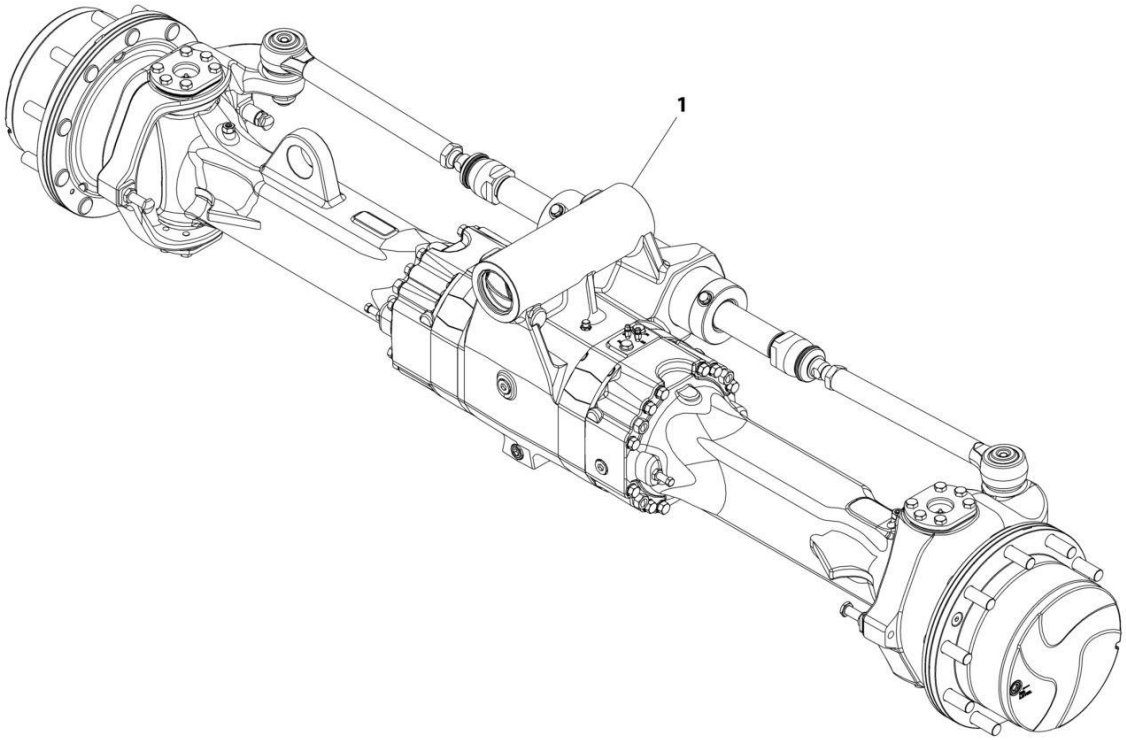


FIGURE 5-24. FRONT AXLE INSTALLATION (74HP) (8042)

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

FIGURE 5-25. FRONT AXLE - CENTRAL HOUSING (74HP) (8042)

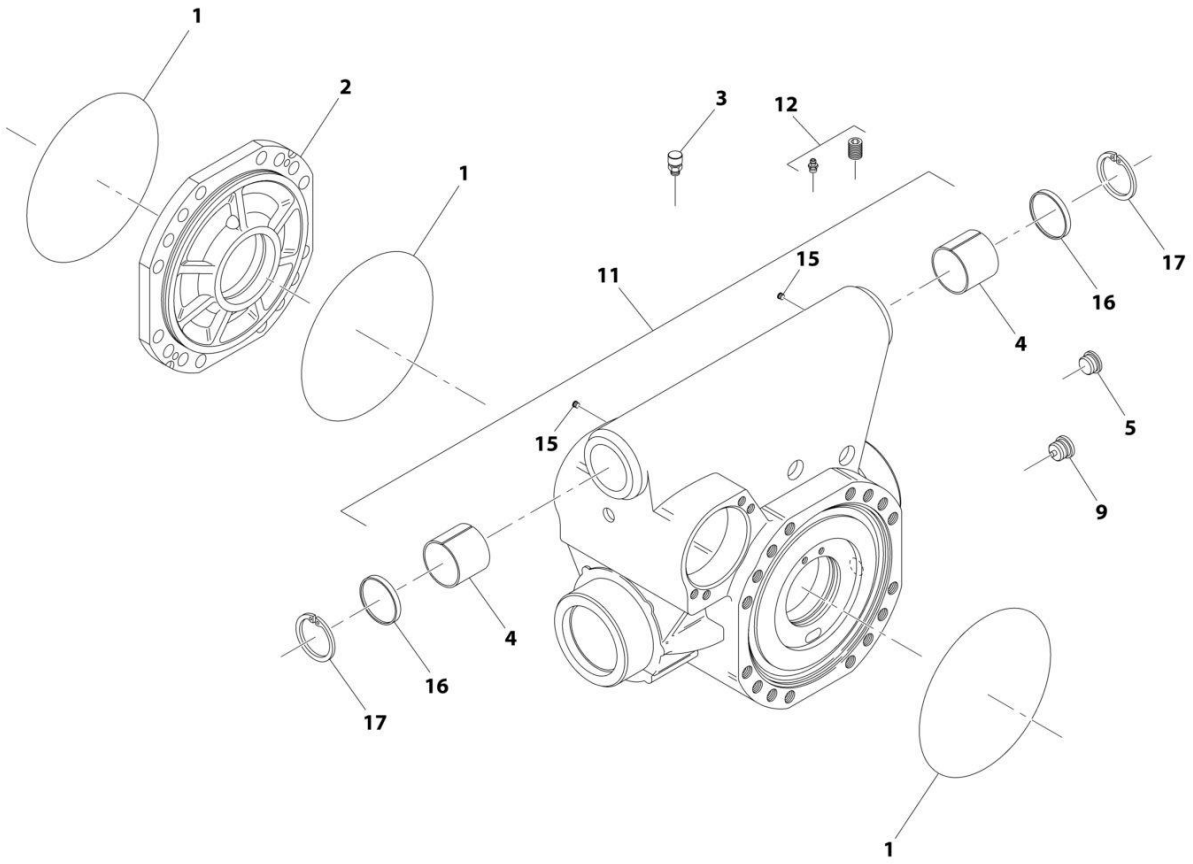


FIGURE 5-25. FRONT AXLE - CENTRAL HOUSING (74HP) (8042)

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

FIGURE 5-26. FRONT AXLE - DIFFERENTIAL (74HP) (8042)

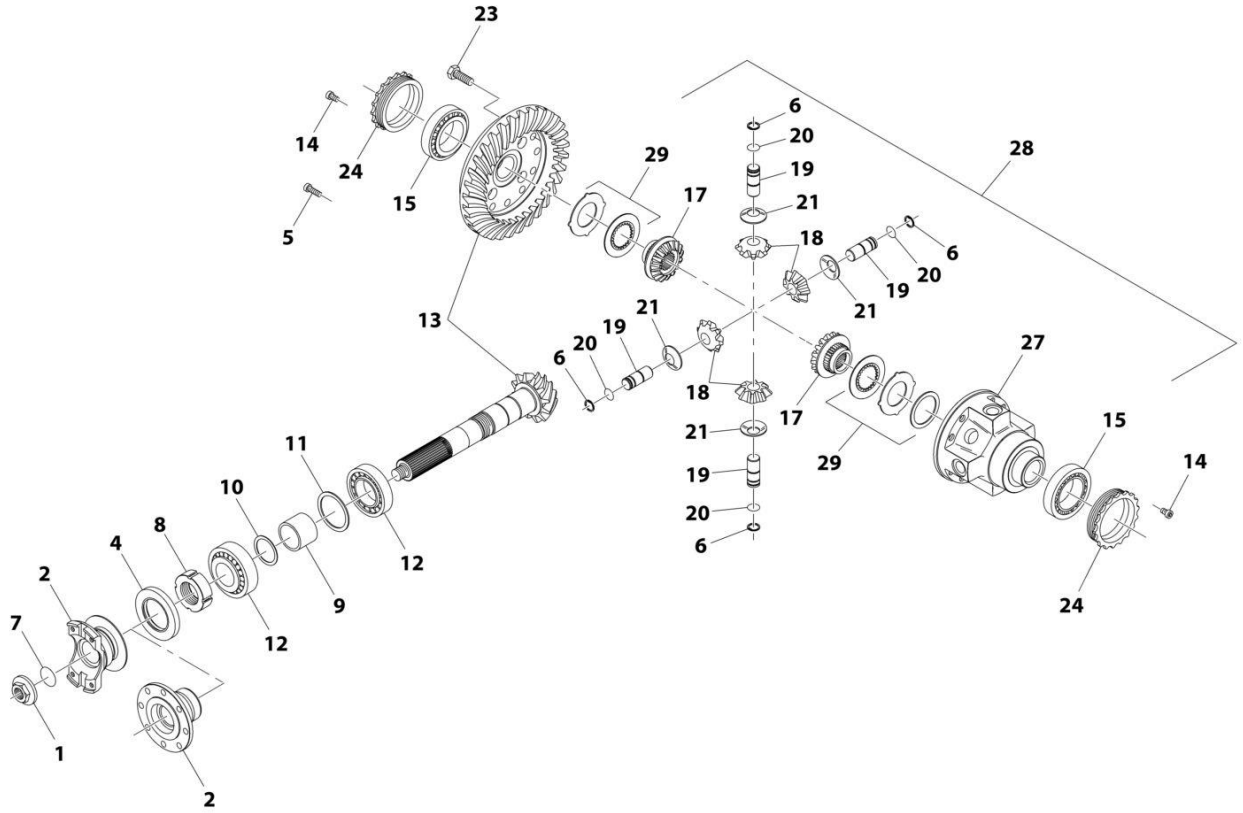


FIGURE 5-26. FRONT AXLE - DIFFERENTIAL (74HP) (8042)

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

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

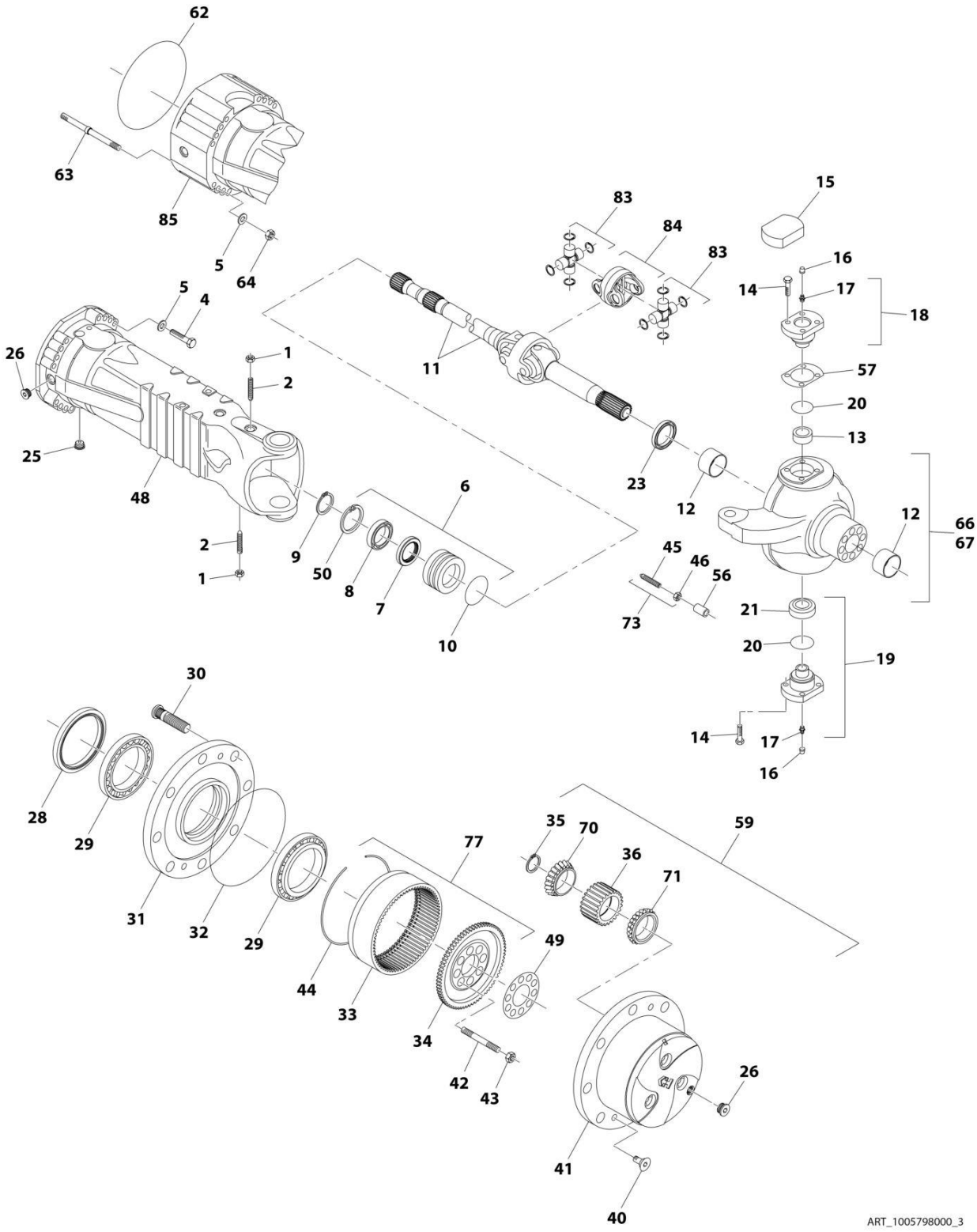


FIGURE 5-27. FRONT AXLE - HUB REDUCTION (74HP) (8042)

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

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
67	70029472	1	Steering Case (RH)	
70	7028731	6	Bearing	
71	7028732	NLA	Bearing (Use/Order both PN 70031458 & 70031459 as Replacement)	
71	70031458	6	Bearing	
71	70031459	6	Bearing	
73	7028733	4	Bolt, Steering Adjust (See Separate Breakdown in this Section)	
77	70026806	2	Kit, Ring Gear Support (See Separate Breakdown in this Section)	
83	70028943	2	Cross Joint	
84	70028944	1	Center Section Joint	
85	70028945	1	Case, Axle	

FIGURE 5-28. FRONT AXLE - BRAKES (74HP) (8042)

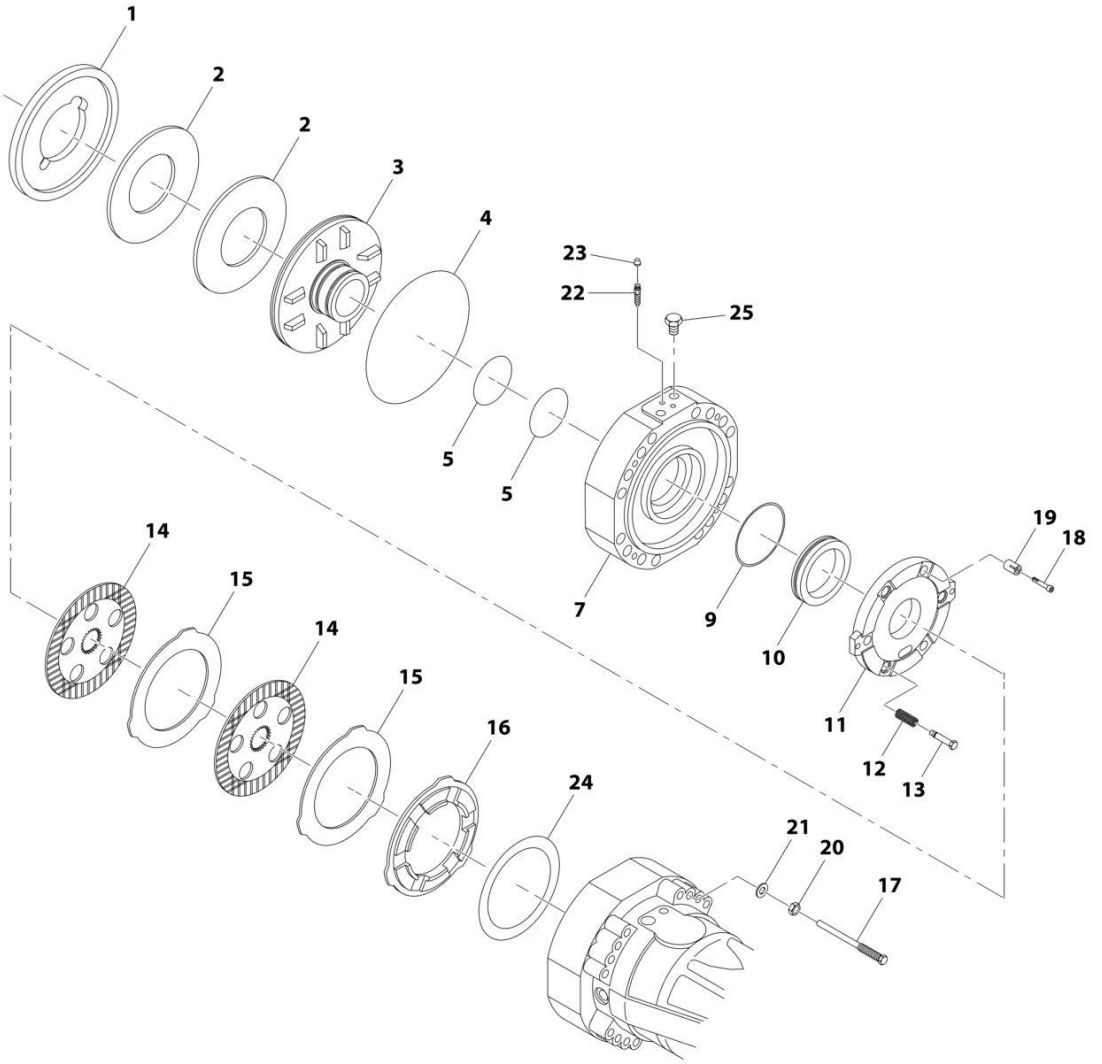


FIGURE 5-28. FRONT AXLE - BRAKES (74HP) (8042)

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

FIGURE 5-29. FRONT AXLE - STEERING (74HP) (8042)

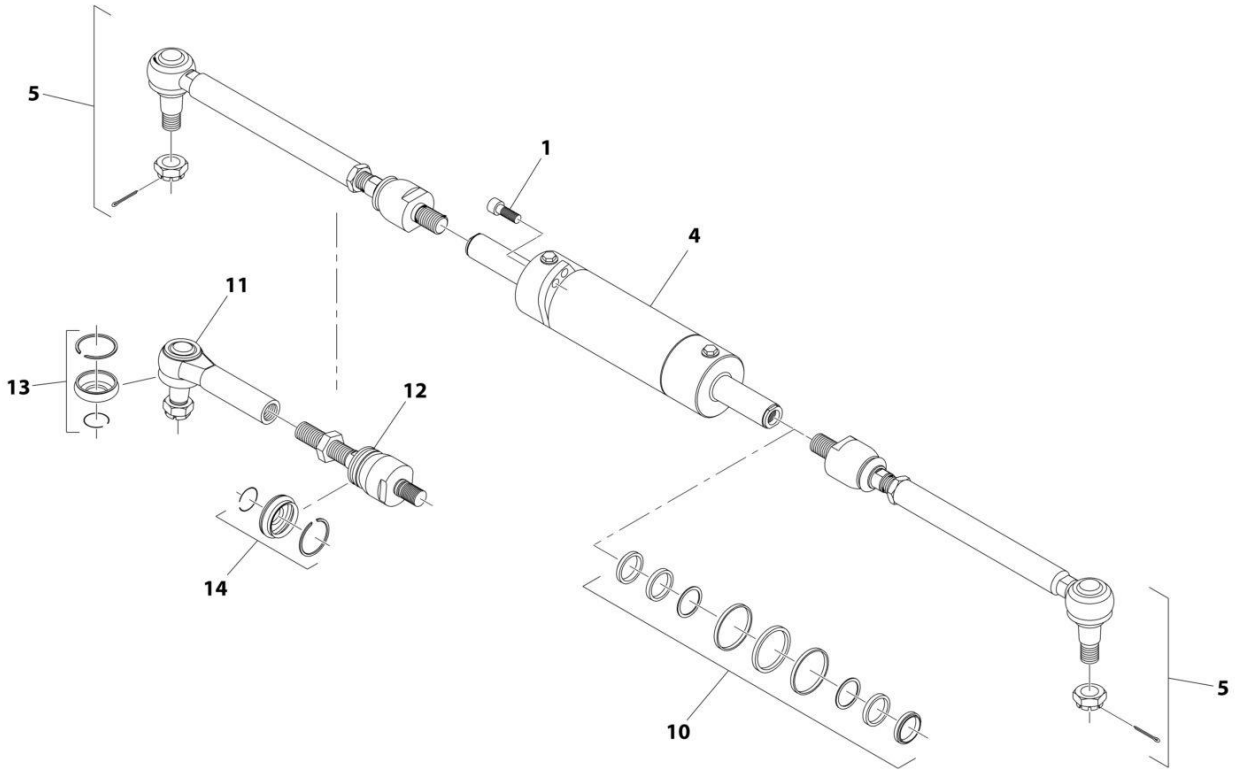
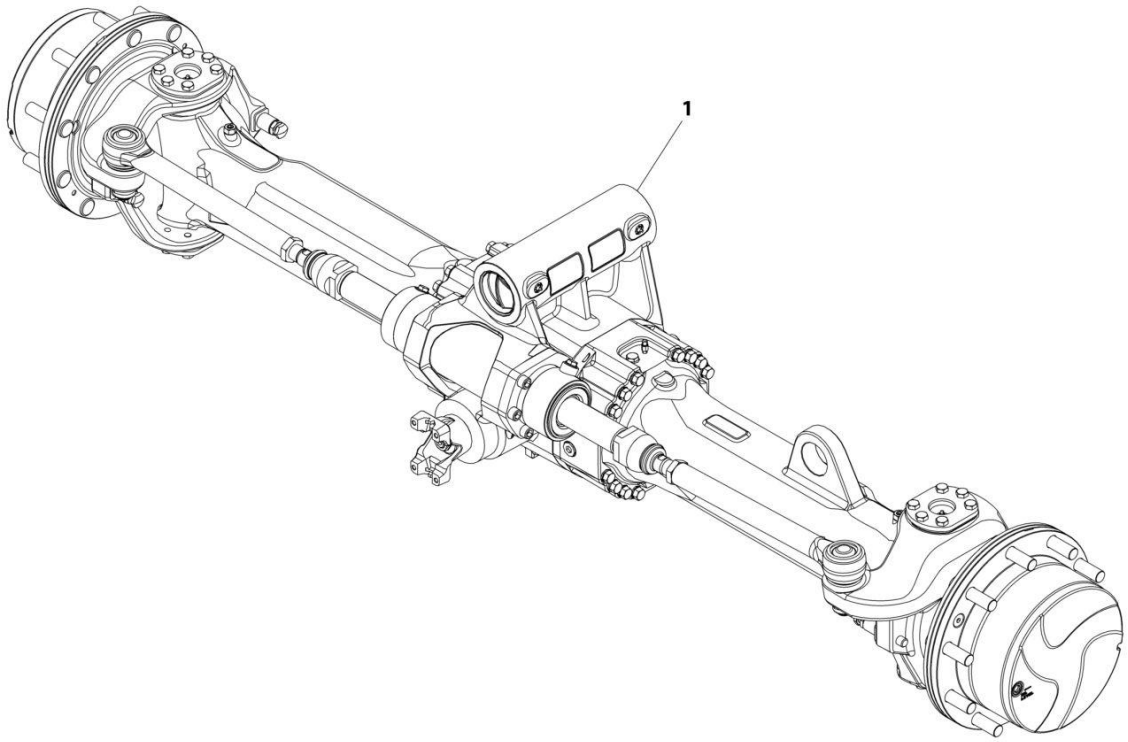


FIGURE 5-29. FRONT AXLE - STEERING (74HP) (8042)

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

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



ART_1005798100-C

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005798100	Ref	Rear Axle Installation 74HP	C
		Ref	Rear Axle - Central Housing (See Separate Breakdown in this Section)	
		Ref	Rear Axle - Differential (See Separate Breakdown in this Section)	
		Ref	Rear Axle - Hub Reduction (See Separate Breakdown in this Section)	
		Ref	Rear Axle - Brakes (See Separate Breakdown in this Section)	
		Ref	Rear Axle - Steering (See Separate Breakdown in this Section)	

FIGURE 5-31. REAR AXLE - CENTRAL HOUSING (74HP) (8042)

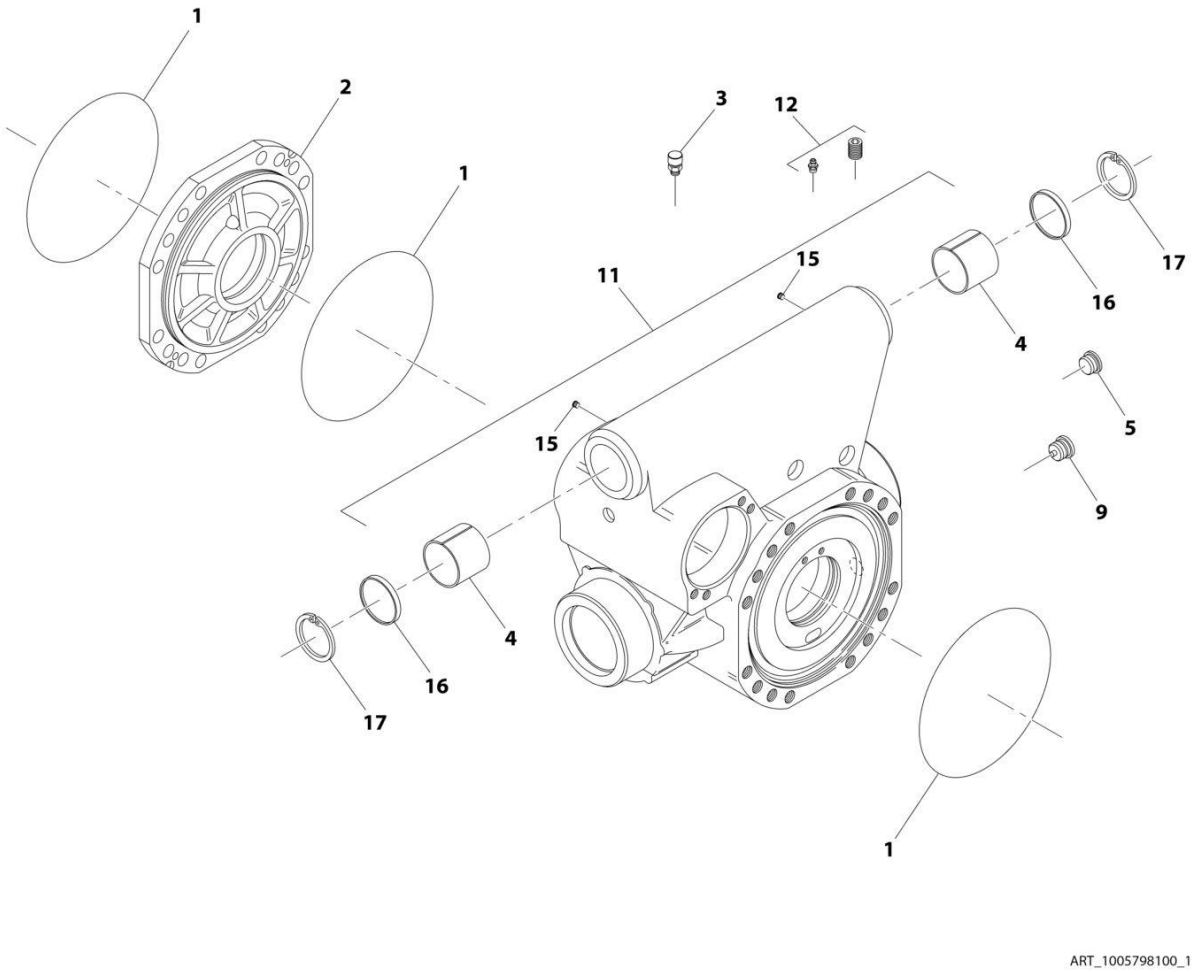


FIGURE 5-31. REAR AXLE - CENTRAL HOUSING (74HP) (8042)

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

FIGURE 5-32. REAR AXLE - DIFFERENTIAL (74HP) (8042)

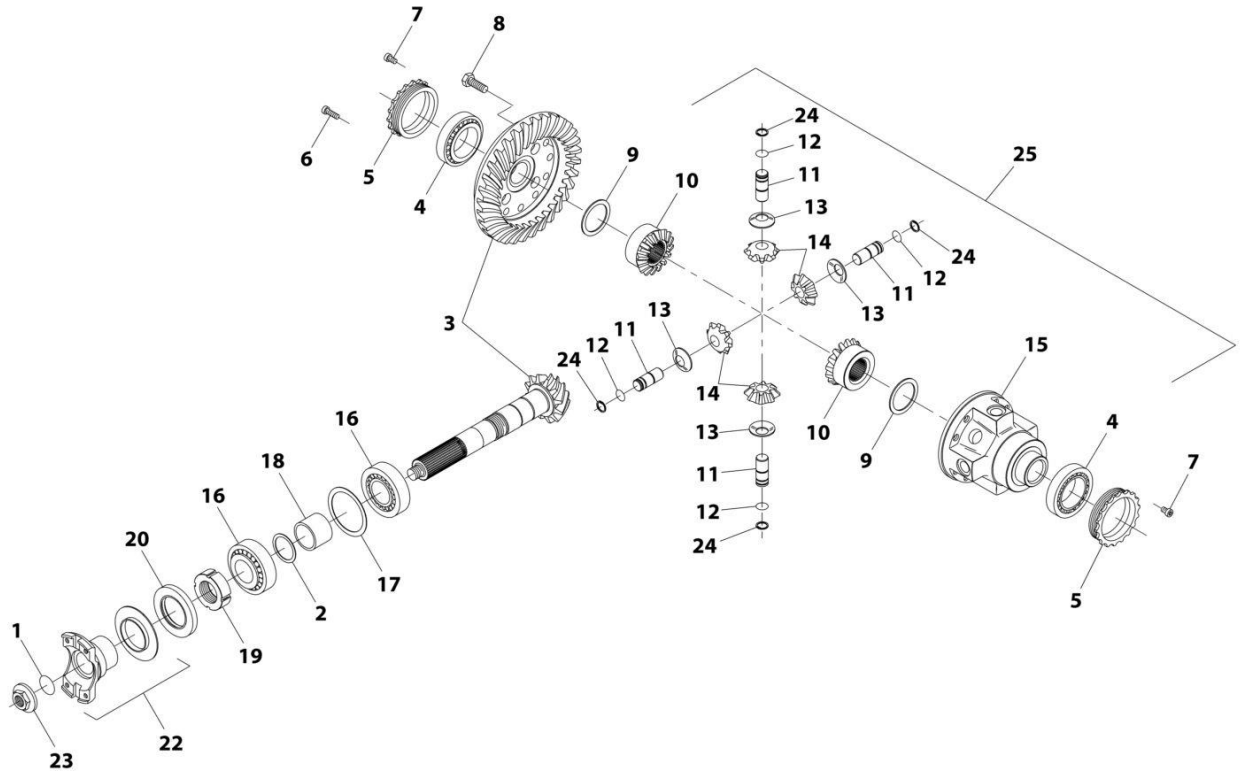


FIGURE 5-32. REAR AXLE - DIFFERENTIAL (74HP) (8042)

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

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

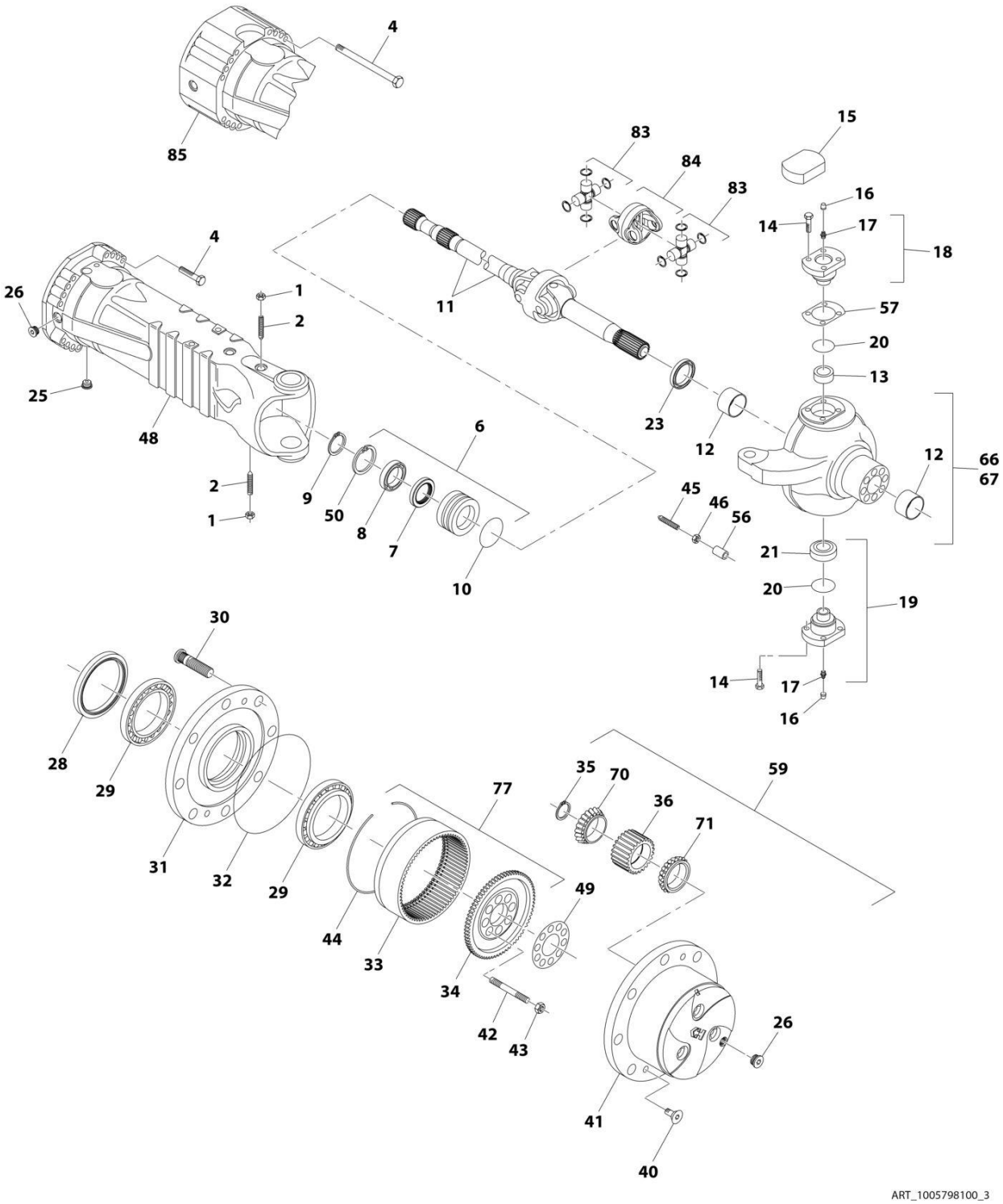


FIGURE 5-33. REAR AXLE - HUB REDUCTION (74HP) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1005798100	Ref	REAR AXLE, HUB REDUCTION	C
1	91514082	2	Nut	
2	91514081	2	Bolt	
4	70022799	32	Bolt	
6	91514149	2	Reduction Bushing (See Separate Breakdown in this Section)	
7	91514147	2	Seal	
8	91514146	2	Ball Bearing	
9	80204071	2	Circlip	
10	91514148	2	O-Ring	
11	70026803	2	Joint & Shaft, Double Universal	
12	91514111	2	Bushing, Thrust	
13	7028714	2	Bushing	
14	70025562	24	Bolt	
15	70028392	2	Cover	
16	80204117	2	Plug	
17	70024881	4	Fitting, Grease	
18	70028890	2	Pivot Pin	
19	70028891	2	Pivot Pin	
20	7028716	4	Seal, Dust	
21	91514095	2	Bearing	
23	70026238	2	Seal	
25	7028706	4	Plug, Magnet	
26	91514188	2	Plug	
28	7028721	2	Seal	
29	91474576	4	Bearing	
30	91514183	20	Wheel Stud	
31	7028722	2	Wheel Hub	
32	91514181	2	O-Ring	
33	70026811	2	Gear, Ring	
34	70026812	2	Support, Ring Gear	
35	70028925	3	Circlip	
36	70028941	6	Differential Pinion	
40	91514189	4	Bolt, Countersunk	
41	See Note	1	Planet Gear Carrier (Note: 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 (See Separate Breakdown in this Section)	
66	70029471	1	Steering Case (LH)	
67	70029472	1	Steering Case (RH)	
70	7028731	6	Bearing	
71	7028732	6	Bearing	
77	70026806	2	Kit, Ring Gear Support (See Separate Breakdown in this Section)	

SECTION 5 - DRIVE TRAIN

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

FIGURE 5-34. REAR AXLE - BRAKES (74HP) (8042)

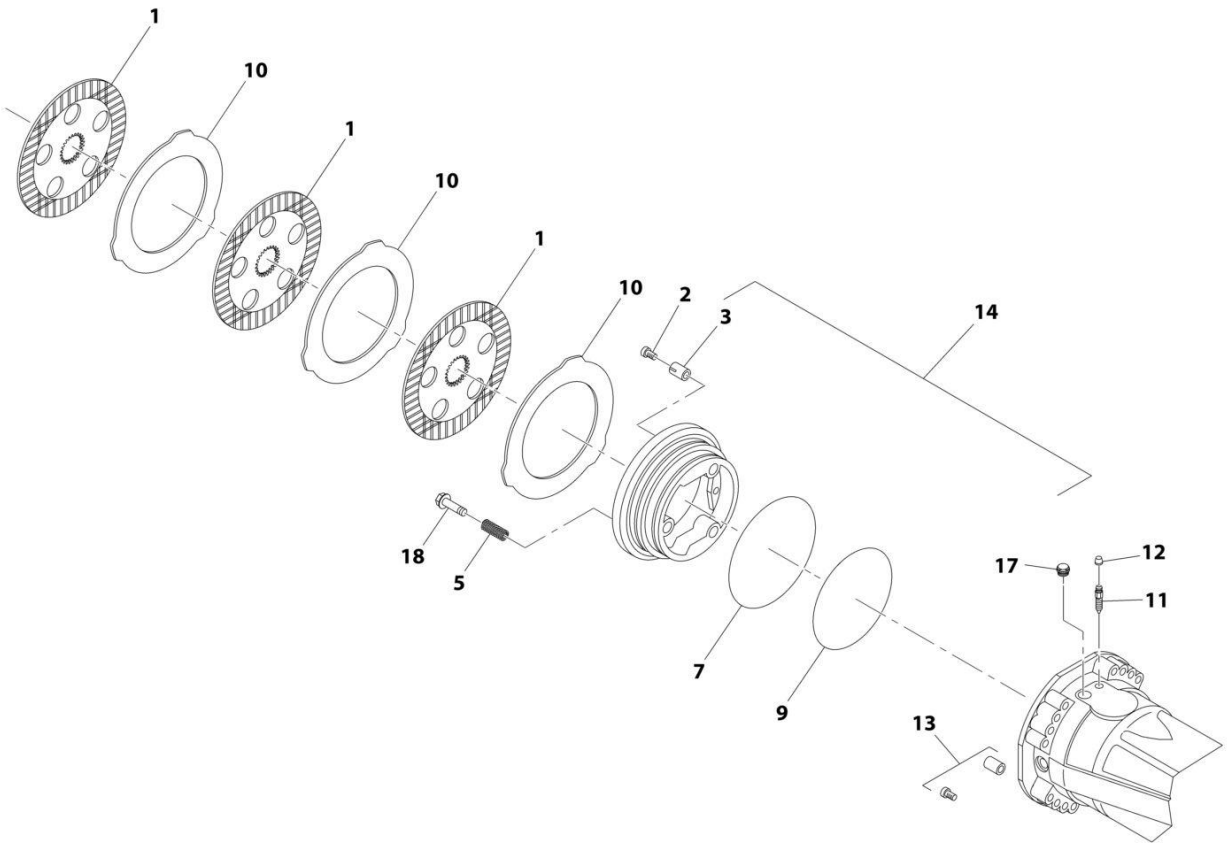


FIGURE 5-34. REAR AXLE - BRAKES (74HP) (8042)

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

FIGURE 5-35. REAR AXLE - STEERING (74HP) (8042)

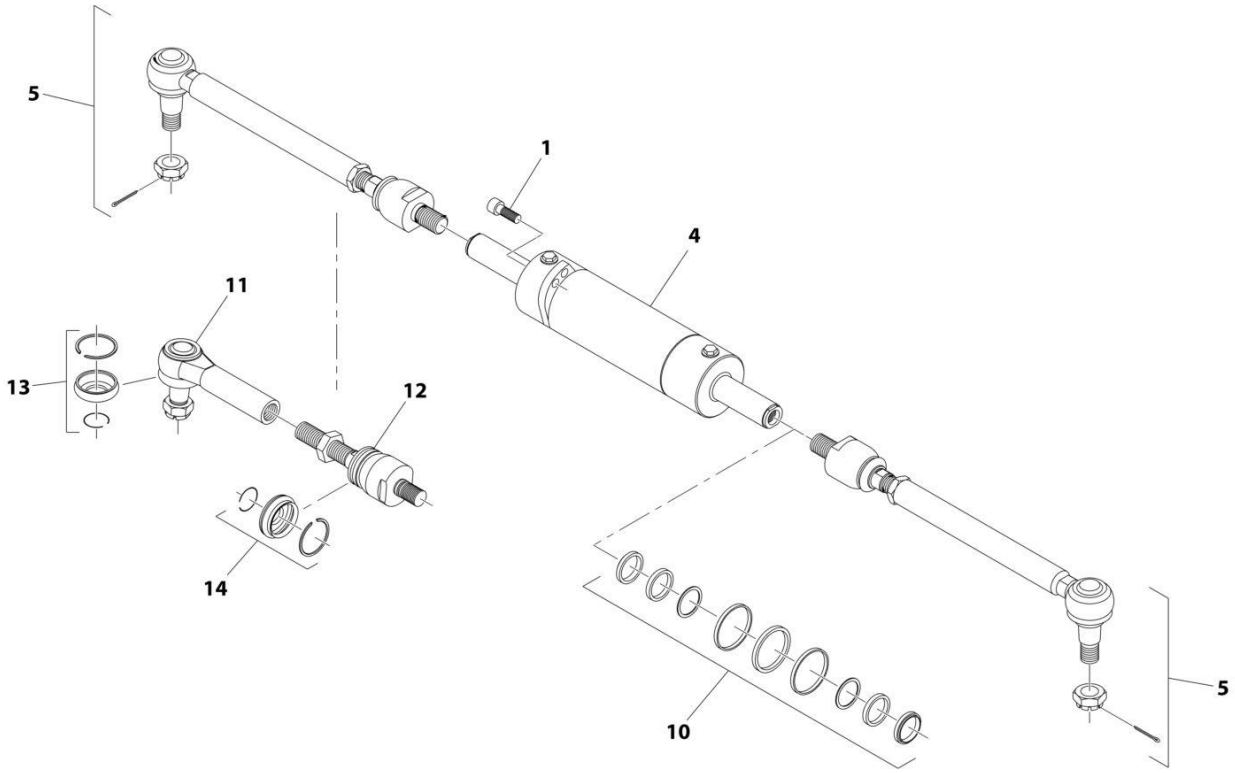


FIGURE 5-35. REAR AXLE - STEERING (74HP) (8042)

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

FIGURE 5-36. REAR AXLE - PLANET GEAR CARRIER (74HP) (8042)

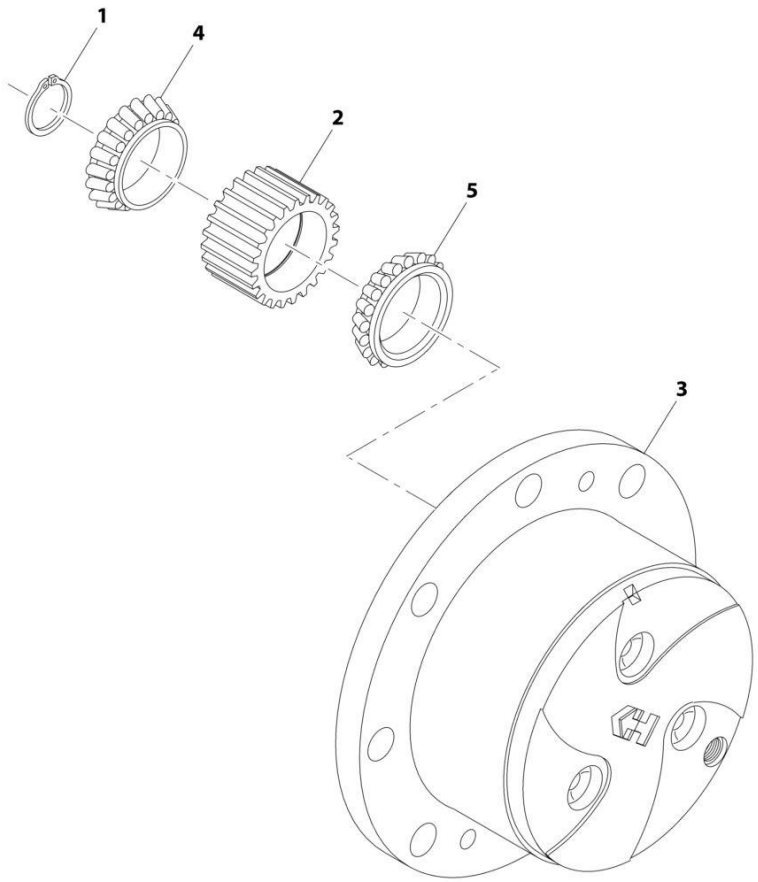


FIGURE 5-36. REAR AXLE - PLANET GEAR CARRIER (74HP) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70028881	Ref	Kit, Planet Gear Carrier 74HP	
1	70028925	3	Circlip	
2	70028941	6	Differential Pinion	
3	N.S.S.	1	Carrier, Planet Gear	
4	7028731	6	Bearing	
5	7028732	6	Bearing	

FIGURE 5-37. REAR AXLE - RING GEAR SUPPORT (74HP) (8042)

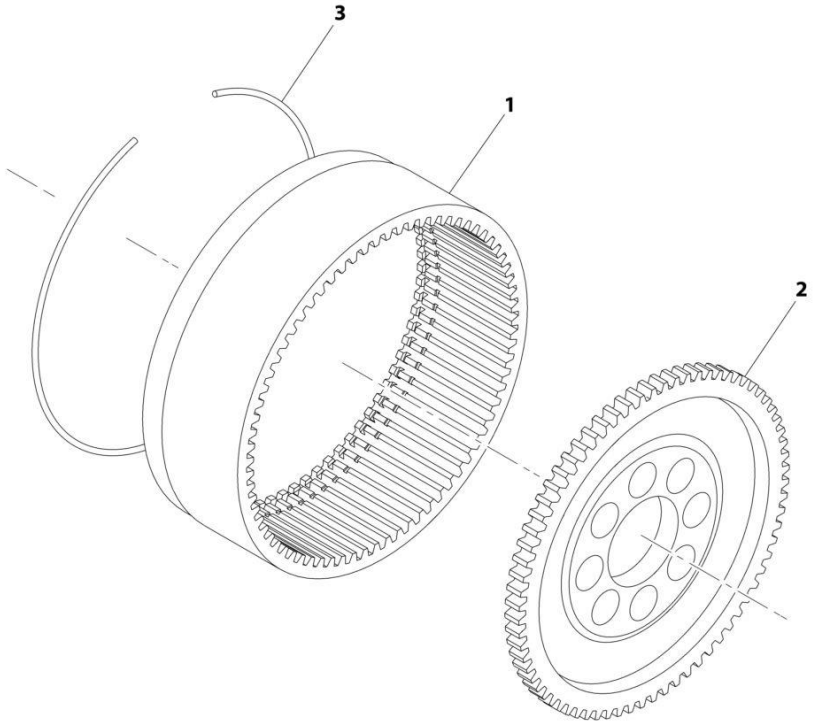


FIGURE 5-37. REAR AXLE - RING GEAR SUPPORT (74HP) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70026806	Ref	Kit, Ring Gear Support 74HP	
1	70026811	1	Gear, Ring	
2	70026812	1	Support, Ring Gear	
3	91514175	1	Circlip	

FIGURE 5-38. AXLE INSTALLATION (110HP) (8042)

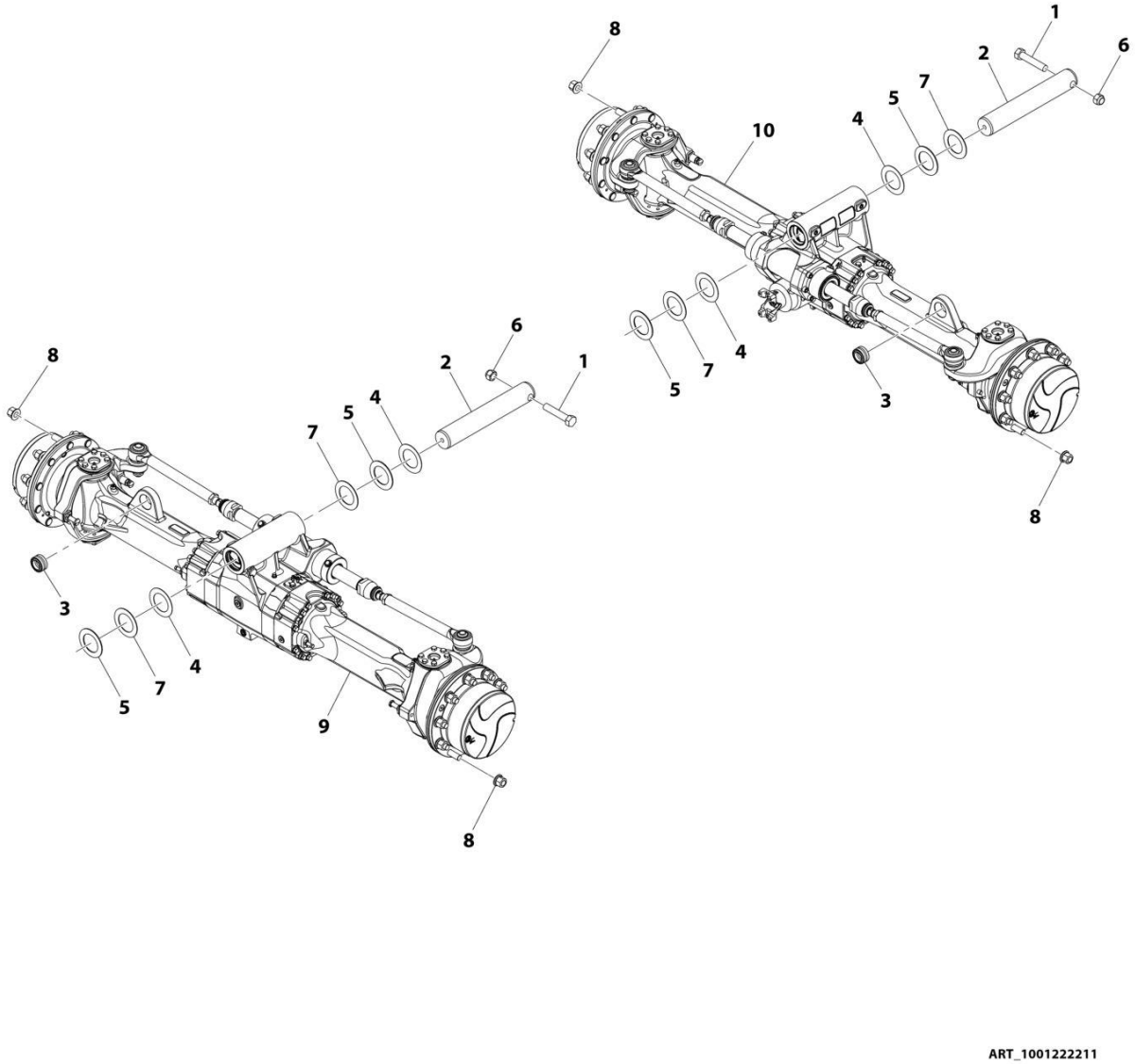
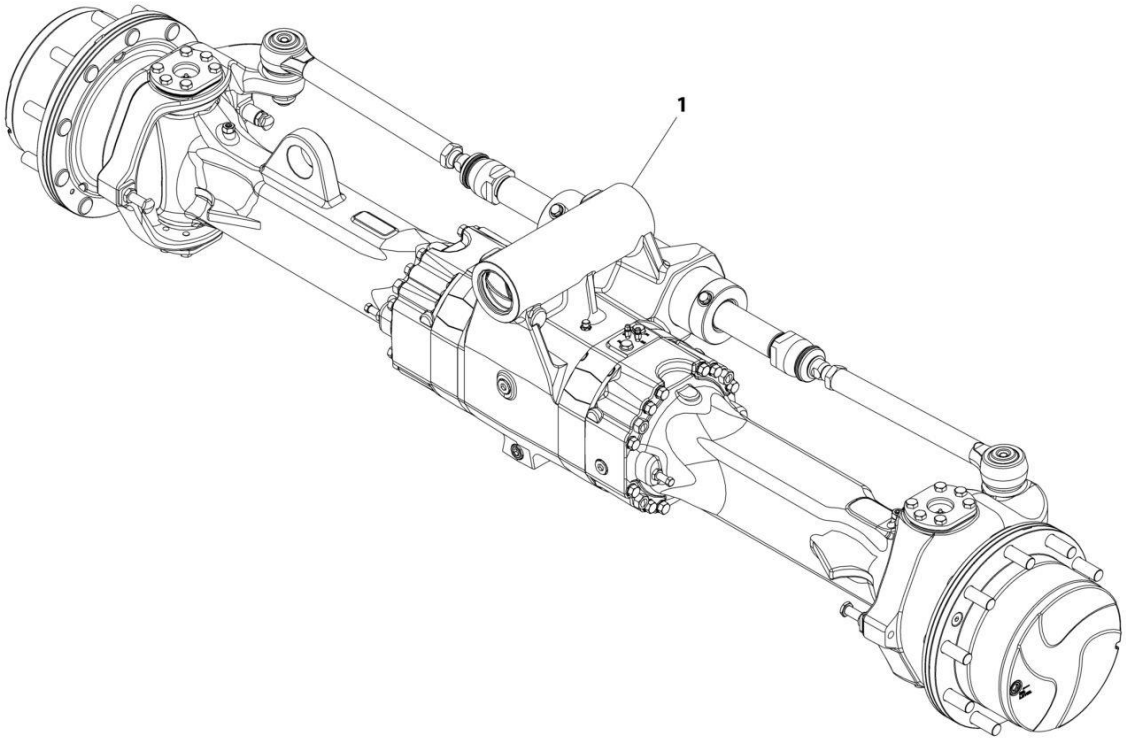


FIGURE 5-38. AXLE INSTALLATION (110HP) (8042)

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 5-39. FRONT AXLE INSTALLATION (110HP) (8042)



ART_1001220492-D

FIGURE 5-39. FRONT AXLE INSTALLATION (110HP) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220492	Ref	Front Axle (110HP) (ULS)	D
		Ref	Front Axle - Central Housing (See Separate Breakdown in this Section)	
		Ref	Front Axle - Differential (See Separate Breakdown in this Section)	
		Ref	Front Axle - Hub Reduction (See Separate Breakdown in this Section)	
		Ref	Front Axle - Brakes (See Separate Breakdown in this Section)	
		Ref	Front Axle - Steering (See Separate Breakdown in this Section)	

FIGURE 5-40. FRONT AXLE - CENTRAL HOUSING (110HP) (8042)

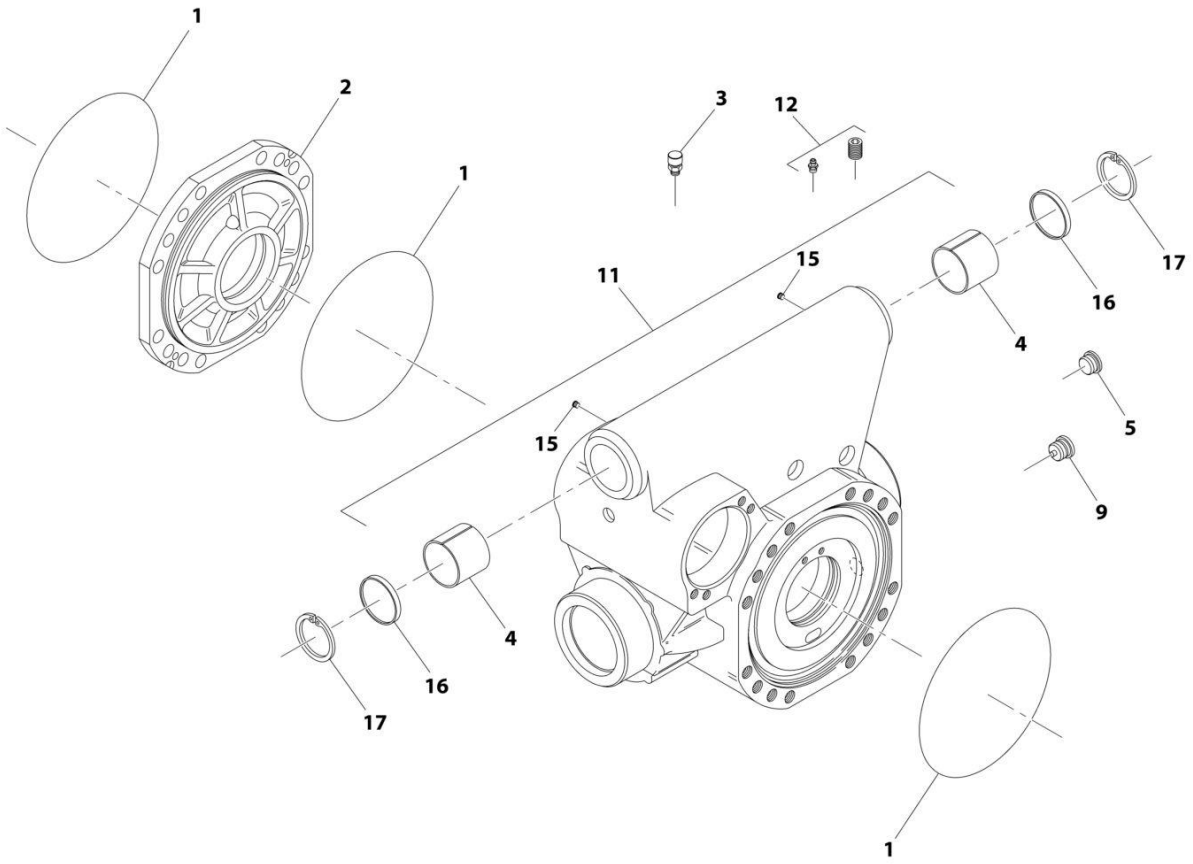
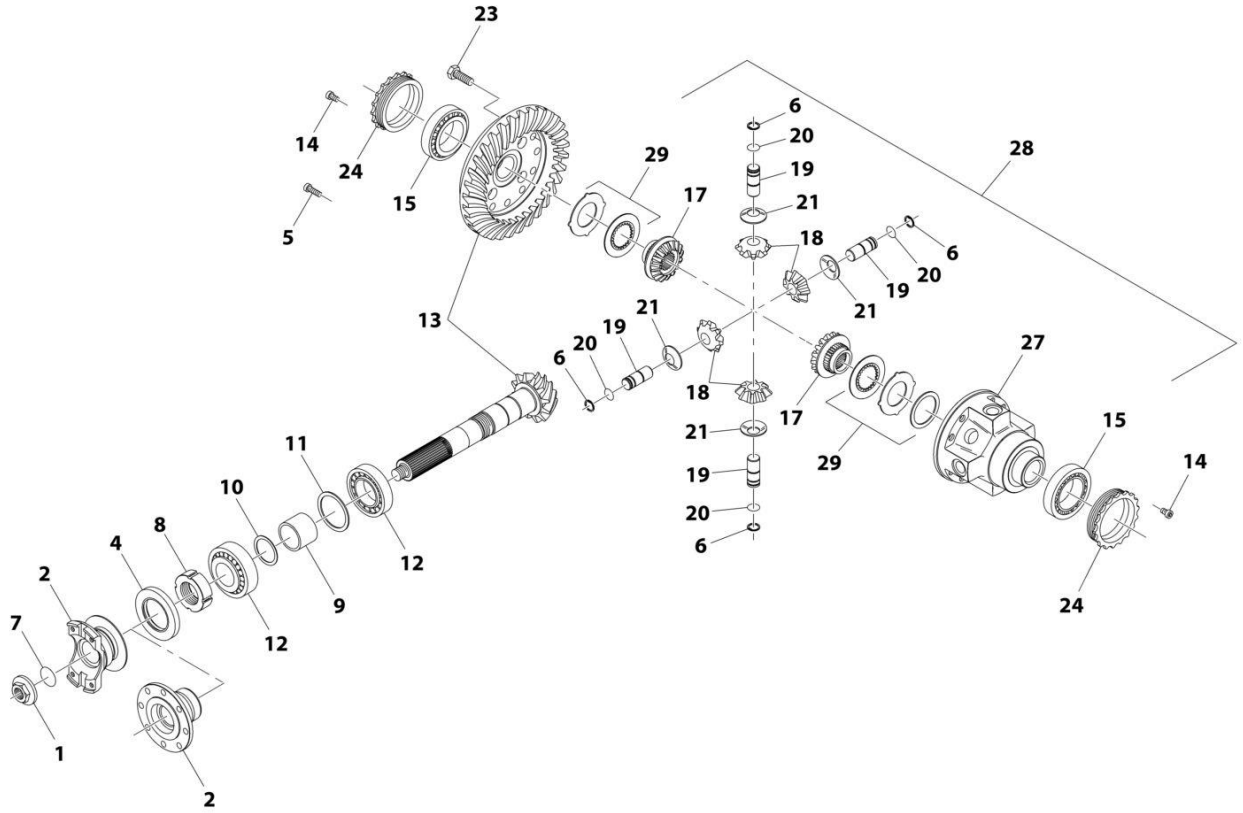


FIGURE 5-40. FRONT AXLE - CENTRAL HOUSING (110HP) (8042)

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

FIGURE 5-41. FRONT AXLE - DIFFERENTIAL (110HP) (8042)



ART_1001220492_2

FIGURE 5-41. FRONT AXLE - DIFFERENTIAL (110HP) (8042)

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

FIGURE 5-42. FRONT AXLE - HUB REDUCTION (110HP) (8042)

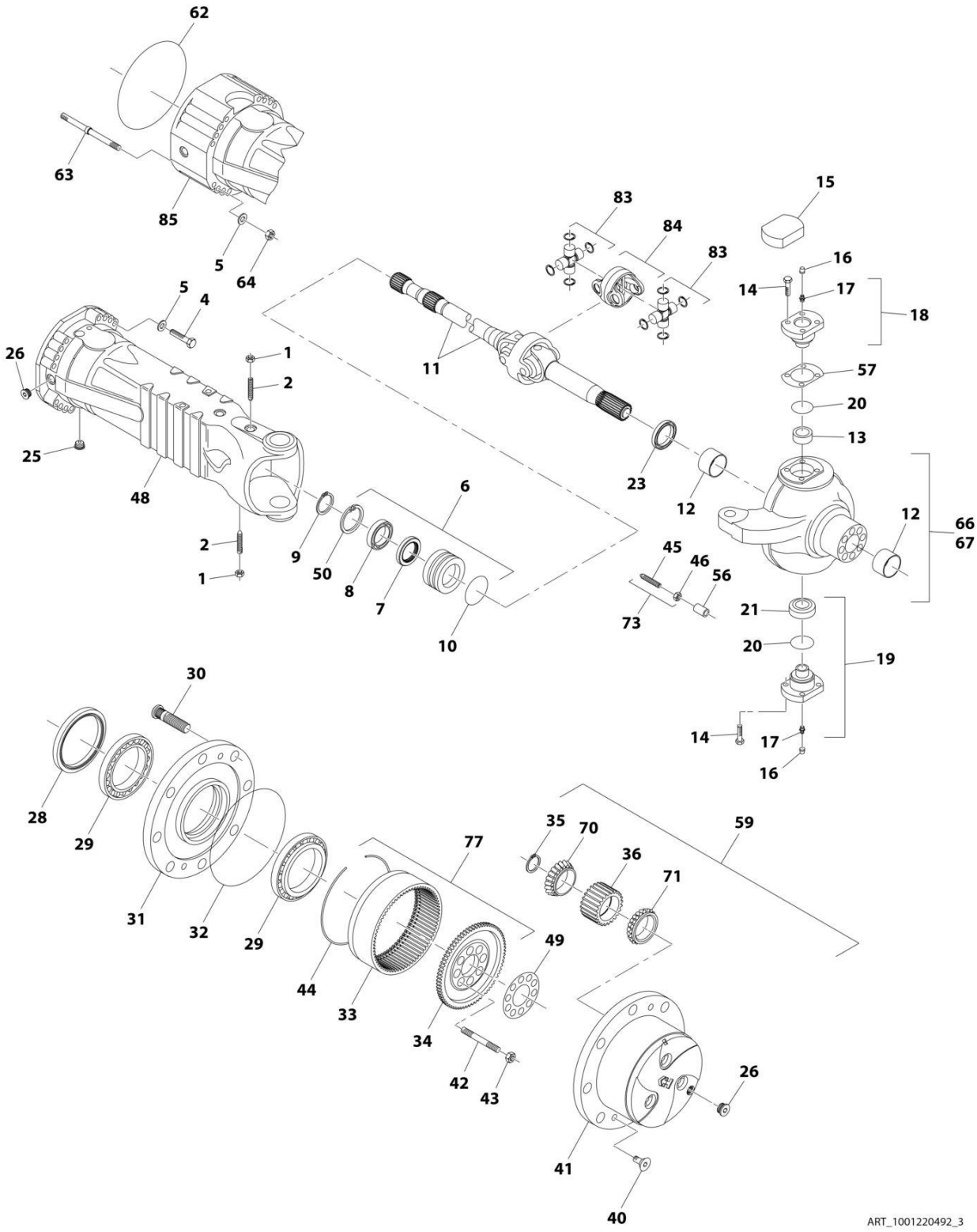


FIGURE 5-42. FRONT AXLE - HUB REDUCTION (110HP) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220492	Ref	FRONT AXLE, HUB REDUCTION	D
1	91514082	2	Nut	
2	91514081	2	Bolt	
4	70025012	24	Bolt	
5	91514084	8	Sealing Washer	
6	91514149	2	Reduction Bushing (See Separate Breakdown in this Section)	
7	91514147	2	Seal	
8	91514146	2	Ball Bearing	
9	80204071	2	Circlip	
10	91514148	2	O-Ring	
11	70026803	2	Double Universal Joint and Shaft	
12	91514111	2	Thrust Bushing	
13	7028714	2	Bushing	
14	70025562	24	Bolt	
15	70028392	2	Cover	
16	80204117	2	Plug	
17	70024881	4	Grease Fitting	
18	70028890	2	Pivot Pin	
19	70028891	2	Pivot Pin	
20	7028716	4	Dust Excluder	
21	91514095	2	Bearing	
23	70026238	2	Seal	
25	7028706	4	Magnetic Plug	
26	91514188	2	Plug With Seal Washer	
28	7028721	2	Seal	
29	91474576	4	Bearing	
30	91514183	20	Wheel Stud	
31	7028722	2	Wheel Hub	
32	91514181	2	O-Ring	
33	70026811	2	Ring Gear	
34	70026812	2	Ring Gear Support	
35	70028925	3	Circlip	
36	70028941	6	Differential Pinion	
40	91514189	4	Countersunk Bolt	
41	70028881	1	Planet Gear Carrier	
42	70027315	16	Stud	
43	91474584	16	Nut	
44	91514175	2	Circlip	
45	91514117	4	Bolt	
46	80204065	4	Nut	
48	70028942	1	Axle Case	
49	70026622	2	Locking Plate	
50	80204005	2	Circlip	
56	7029311	2	Spacer	
57	70025561	1	Shim Kit	
59	70028881	2	Kit, Planet Gear (See Separate Breakdown in this Section)	
62	91474507	2	O-Ring	
63	70025014	8	Stud	
64	91514083	8	Nut	
66	70029471	1	Steering Case (LH)	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
67	70029472	1	Steering Case (RH)	
70	7028731	6	Bearing	
71	7028732	NLA	Bearing (Use/Order both PN 70031458 & 70031459 as Replacement)	
71	70031458	6	Bearing	
71	70031459	6	Bearing	
73	7028733	4	Bolt, Steering Adjust (See Separate Breakdown in this Section)	
77	70026806	2	Kit, Ring Gear Support (See Separate Breakdown in this Section)	
83	70028943	2	Joint Cross	
84	70028944	1	Joint Center Section	
85	70028945	1	Axle Case	

FIGURE 5-43. FRONT AXLE - BRAKES (110HP) (8042)

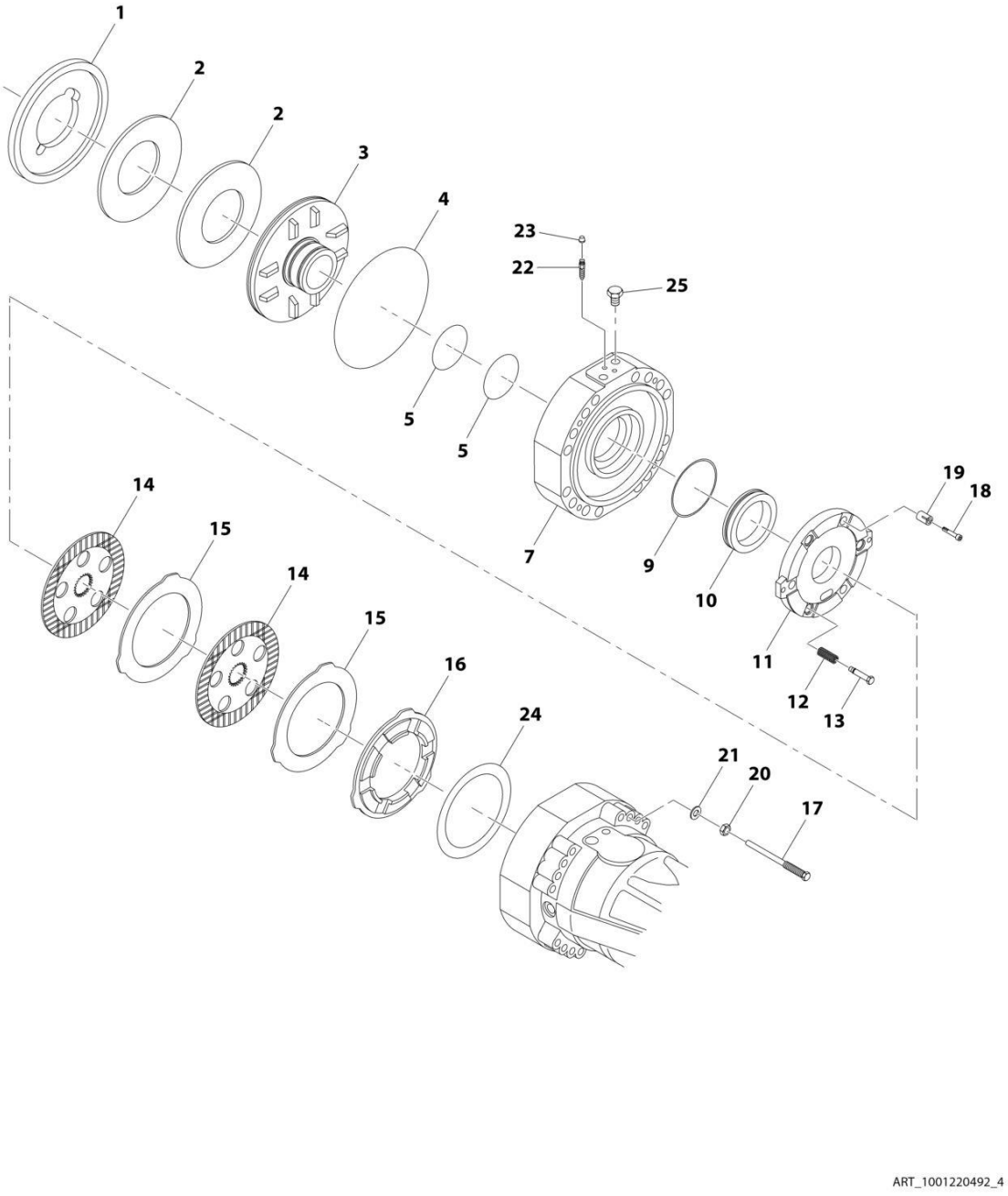


FIGURE 5-43. FRONT AXLE - BRAKES (110HP) (8042)

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

FIGURE 5-44. FRONT AXLE - STEERING (110HP) (8042)

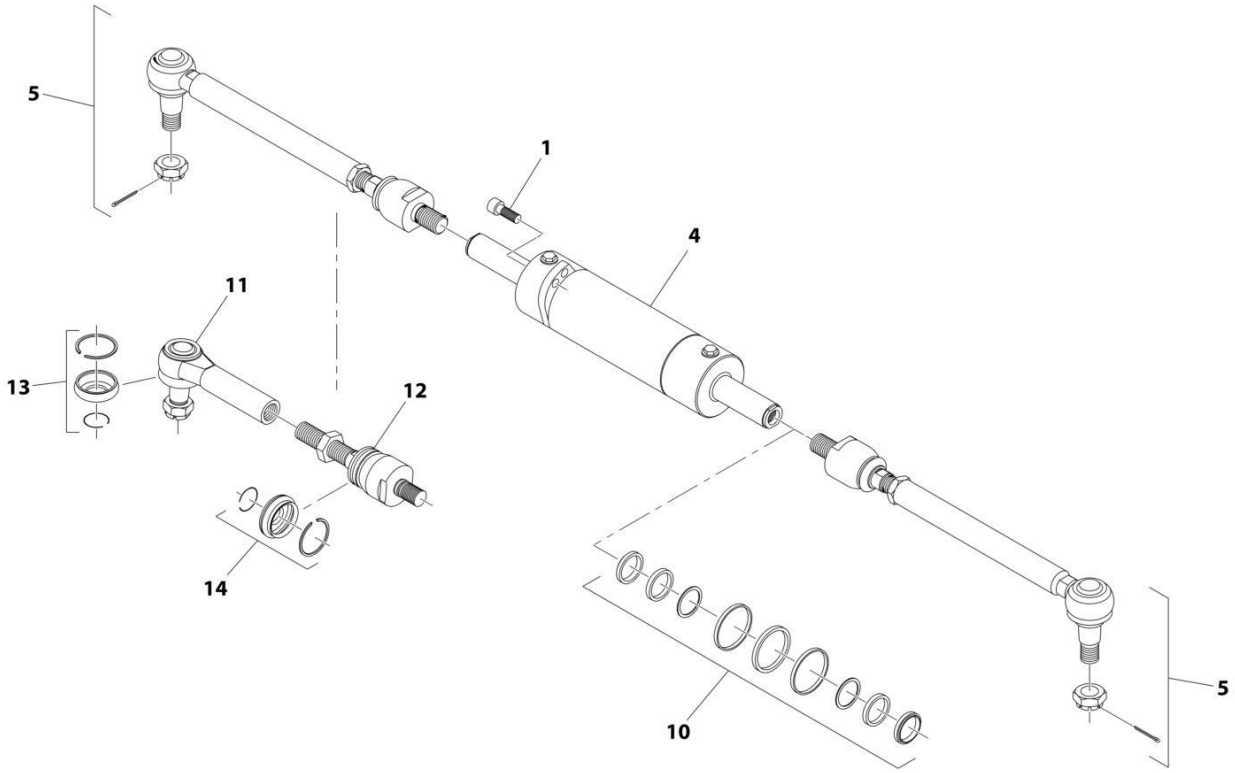
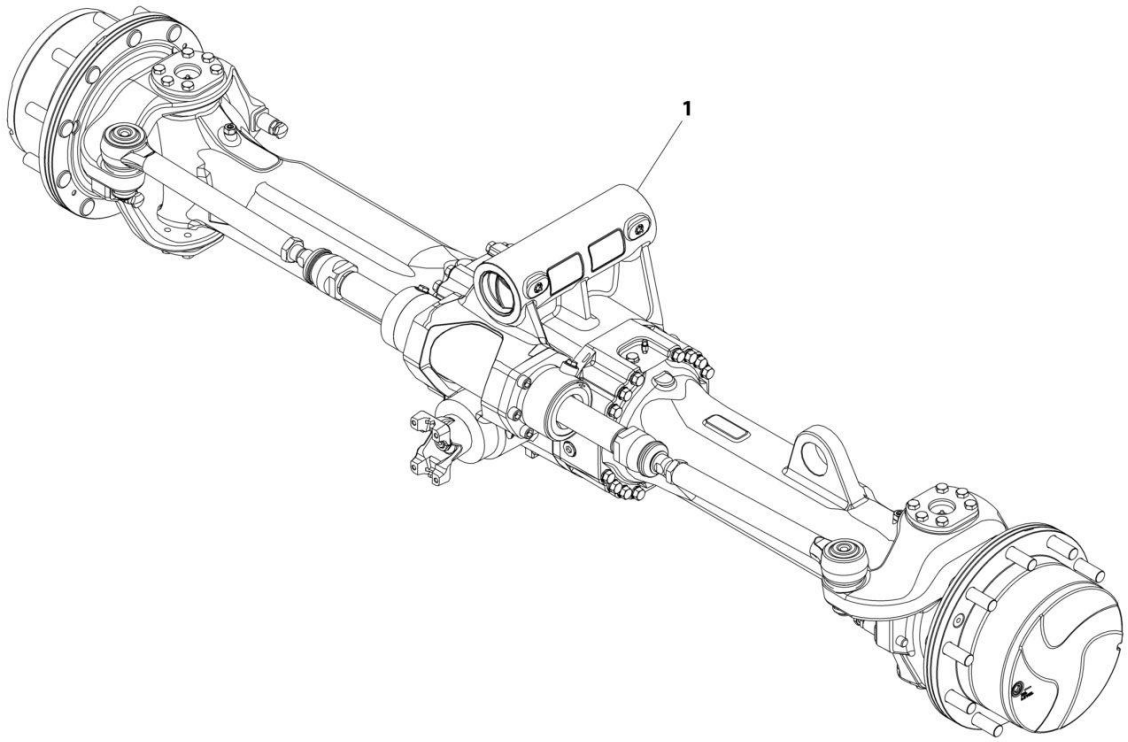


FIGURE 5-44. FRONT AXLE - STEERING (110HP) (8042)

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

FIGURE 5-45. REAR AXLE INSTALLATION (110HP) (8042)



ART_1001220493-D

FIGURE 5-45. REAR AXLE INSTALLATION (110HP) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220493	Ref	Rear Axle (110HP) (ULS)	D
		Ref	Rear Axle, Central Housing (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Differential (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Hub Reduction (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Brakes (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Steering (See Separate Breakdown in this Section)	

FIGURE 5-46. REAR AXLE - CENTRAL HOUSING (110HP) (8042)

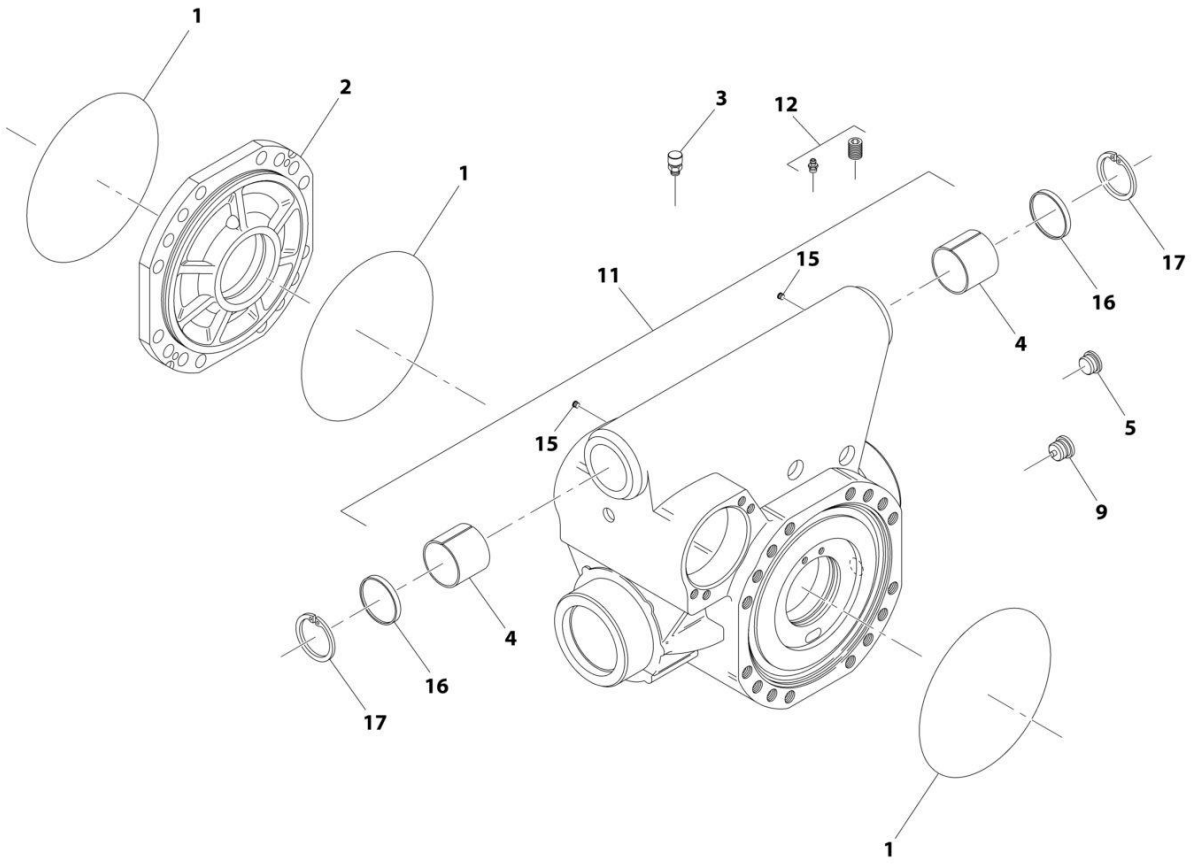
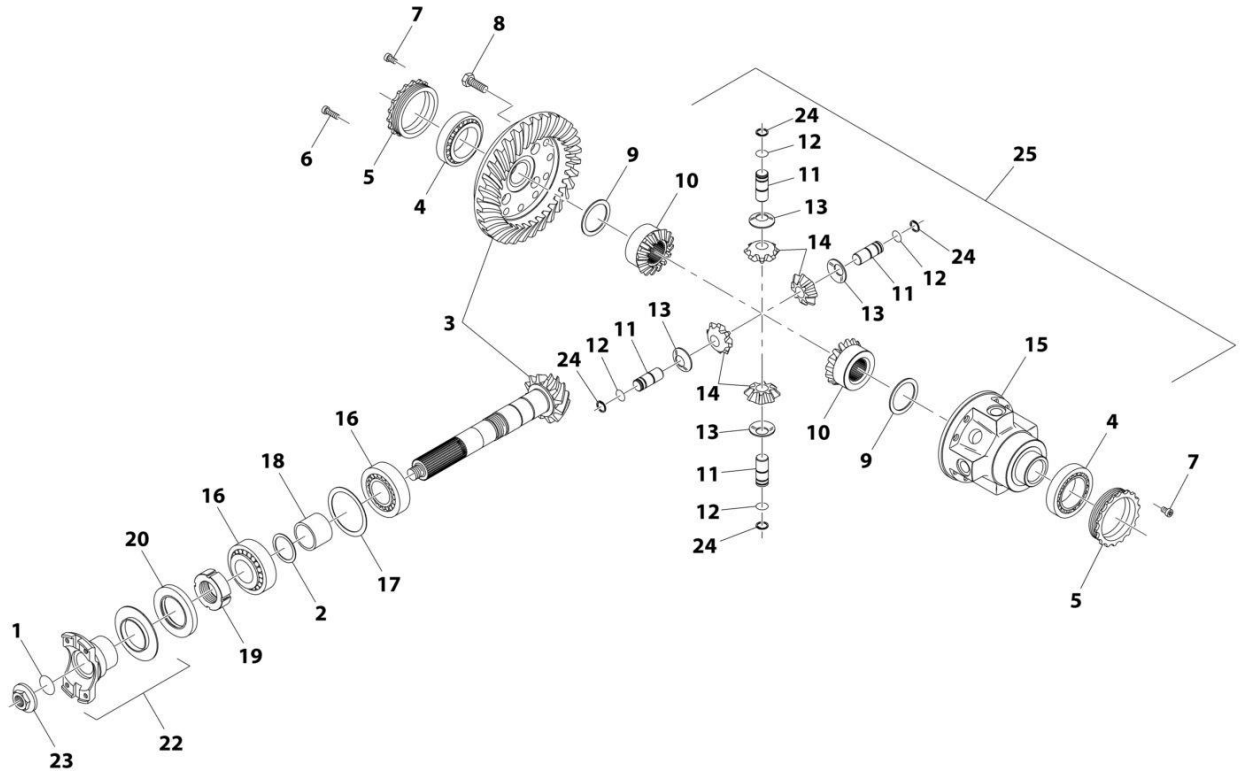


FIGURE 5-46. REAR AXLE - CENTRAL HOUSING (110HP) (8042)

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

FIGURE 5-47. REAR AXLE - DIFFERENTIAL (110HP) (8042)



ART_1001220493_2

FIGURE 5-47. REAR AXLE - DIFFERENTIAL (110HP) (8042)

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

FIGURE 5-48. REAR AXLE - HUB REDUCTION (110HP) (8042)

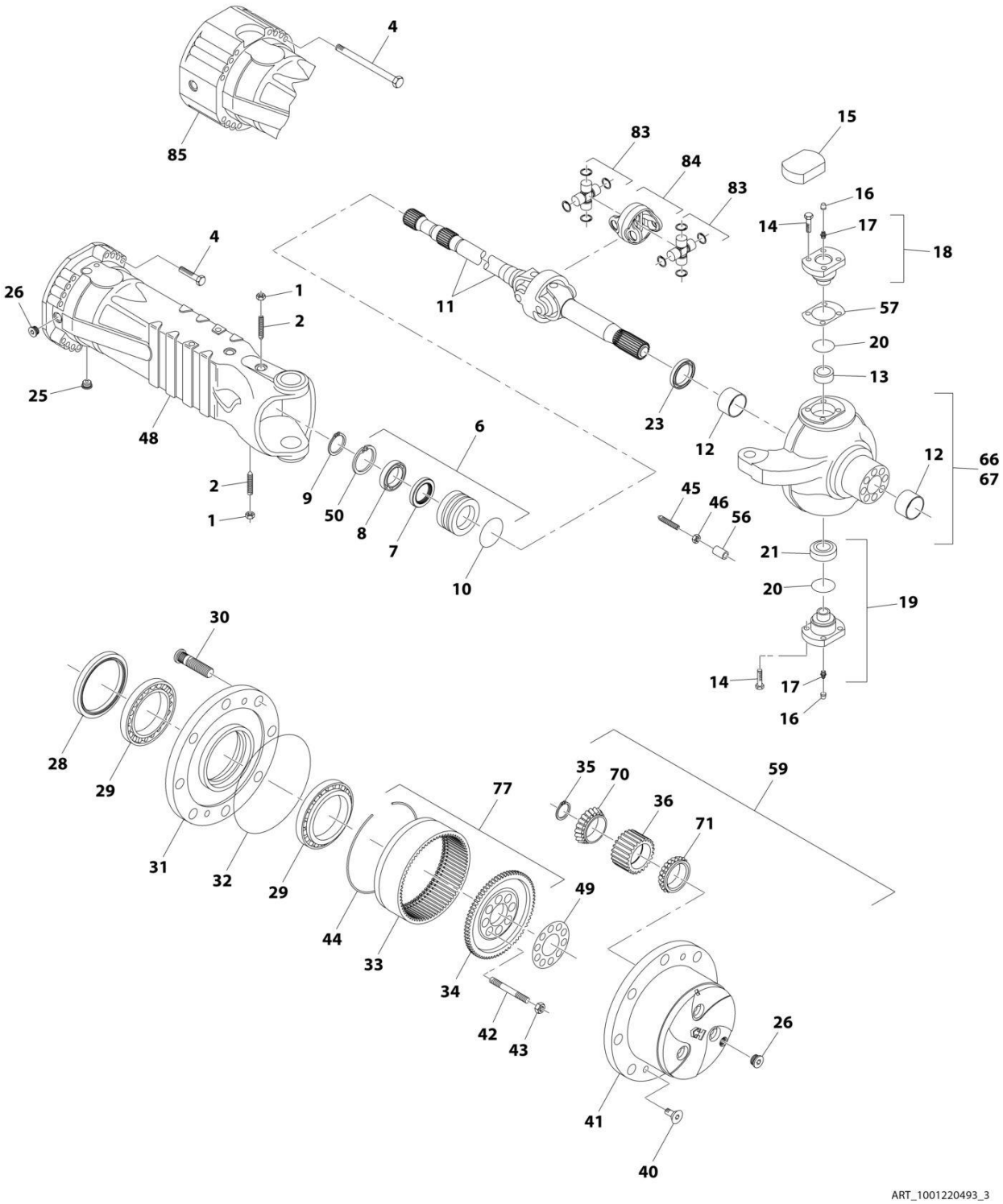


FIGURE 5-48. REAR AXLE - HUB REDUCTION (110HP) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220493	Ref	REAR AXLE, HUB REDUCTION	D
1	91514082	2	Nut	
2	91514081	2	Bolt	
4	70022799	32	Bolt	
6	91514149	2	Reduction Bushing (See Separate Breakdown in this Section)	
7	91514147	2	Seal	
8	91514146	2	Ball Bearing	
9	80204071	2	Circlip	
10	91514148	2	O-Ring	
11	70026803	2	Double Universal Joint and Shaft	
12	91514111	2	Thrust Bushing	
13	7028714	2	Bushing	
14	70025562	24	Bolt	
15	70028392	2	Cover	
16	80204117	2	Plug	
17	70024881	4	Grease Fitting	
18	70028890	2	Pivot Pin	
19	70028891	2	Pivot Pin	
20	7028716	4	Dust Excluder	
21	91514095	2	Bearing	
23	70026238	2	Seal	
25	7028706	4	Magnetic Plug	
26	91514188	2	Plug With Seal Washer	
28	7028721	2	Seal	
29	91474576	4	Bearing	
30	91514183	20	Wheel Stud	
31	7028722	2	Wheel Hub	
32	91514181	2	O-Ring	
33	70026811	2	Ring Gear	
34	70026812	2	Ring Gear Support	
35	70028925	3	Circlip	
36	70028941	6	Differential Pinion	
40	91514189	4	Countersunk Bolt	
41	70028881	1	Planet Gear Carrier	
42	70027315	16	Stud	
43	91474584	16	Nut	
44	91514175	2	Circlip	
45	70028975	4	Bolt, Steering Adjust	
46	80204065	4	Nut	
48	70028976	1	Axle Case	
49	70026622	2	Locking Plate	
50	80204005	2	Circlip	
56	7029311	4	Spacer	
57	70025561	1	Shim Kit	
59	70028881	2	Kit, Planet Gear (See Separate Breakdown in this Section)	
66	70029471	1	Steering Case (LH)	
67	70029472	1	Steering Case (RH)	
70	7028731	6	Steering Case	
71	7028732	6	Steering Case	
77	70026806	2	Ring Gear Support Kit (See Separate Breakdown in this Section)	

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

FIGURE 5-49. REAR AXLE - BRAKES (110HP) (8042)

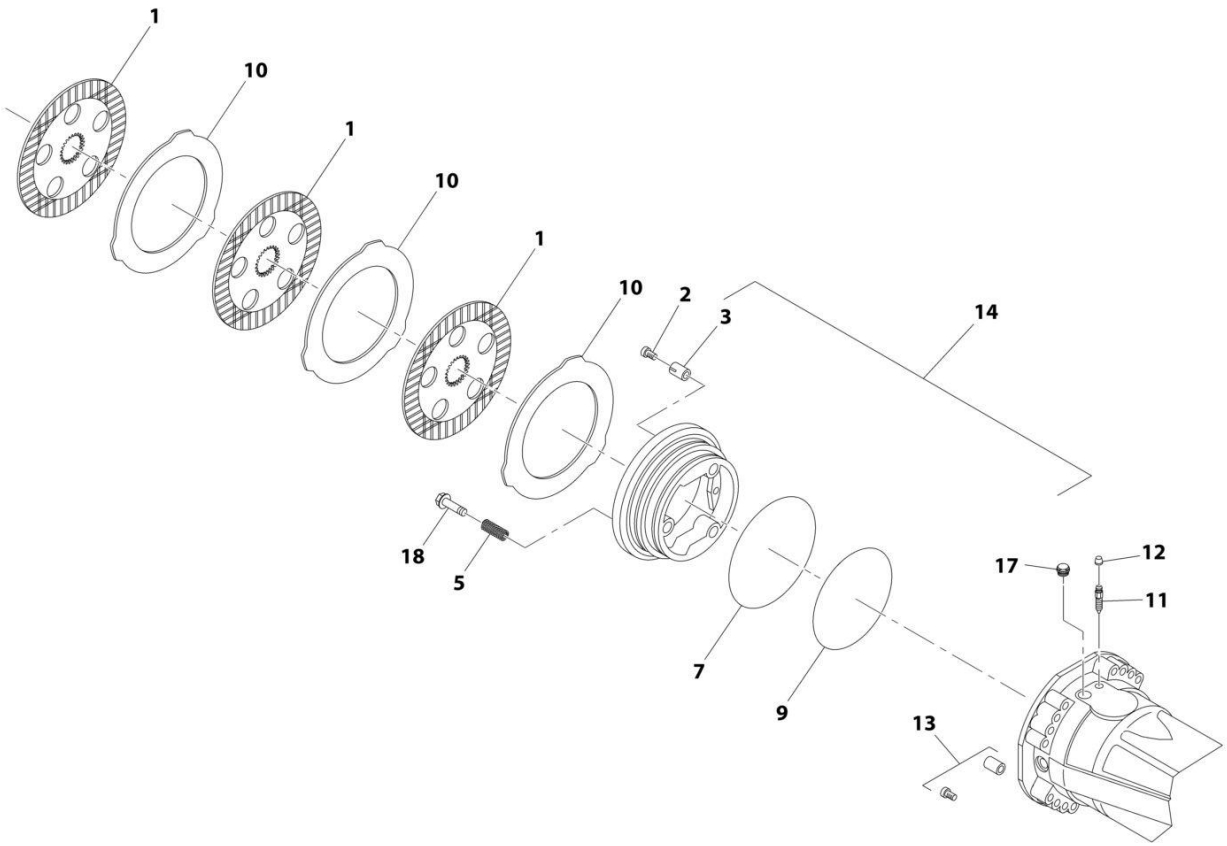


FIGURE 5-49. REAR AXLE - BRAKES (110HP) (8042)

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

FIGURE 5-50. REAR AXLE - STEERING (110HP) (8042)

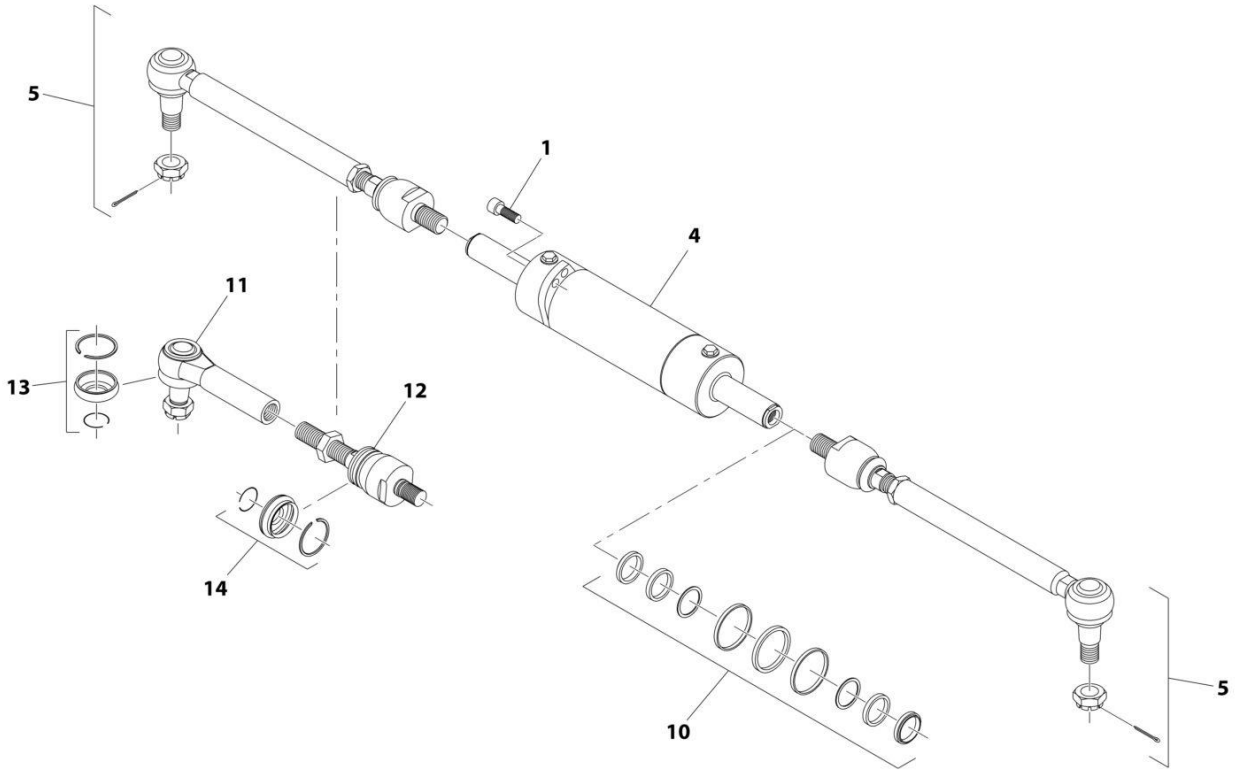


FIGURE 5-50. REAR AXLE - STEERING (110HP) (8042)

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

FIGURE 5-51. AXLE INSTALLATION (74HP) (10042,10054)

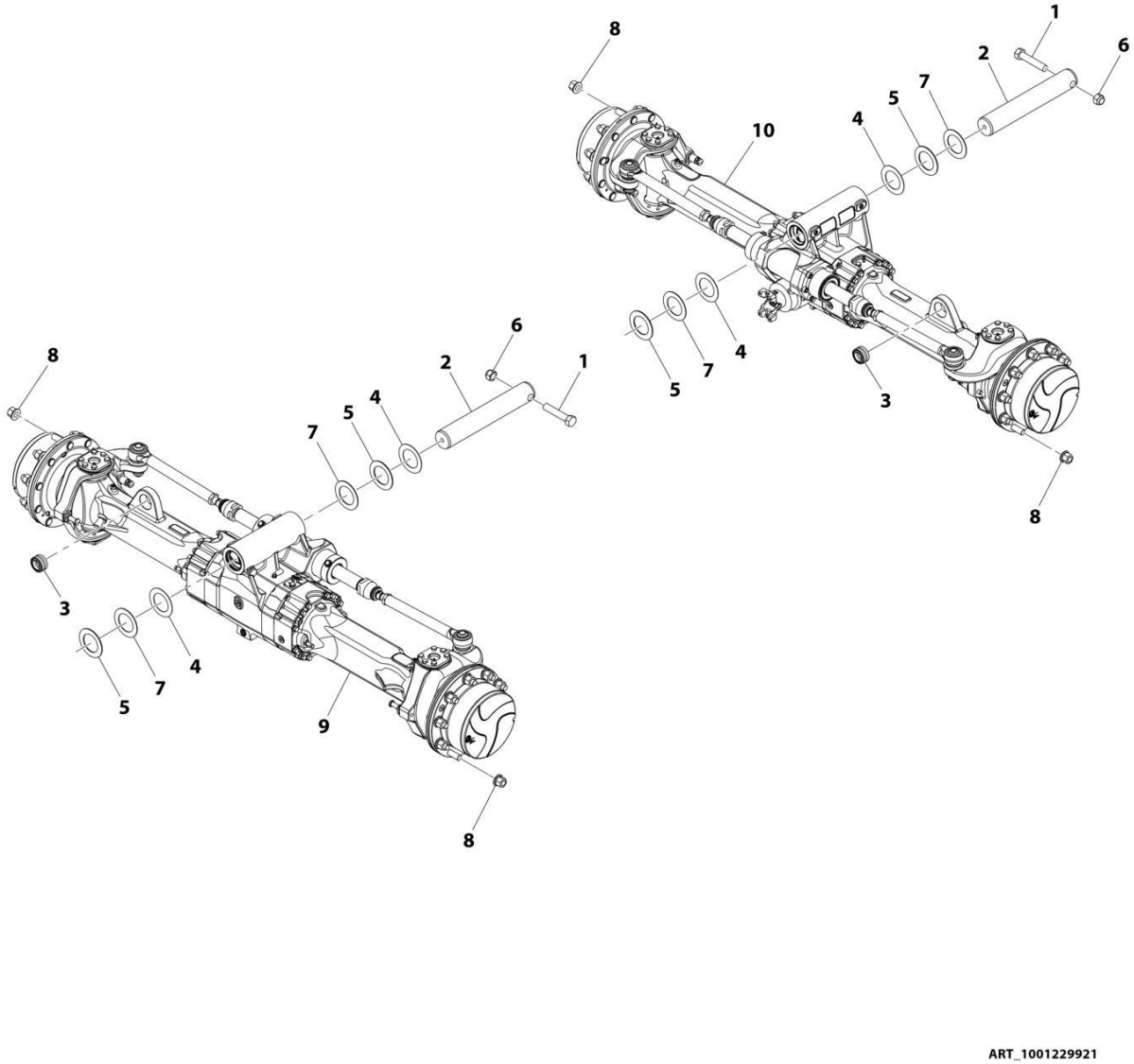
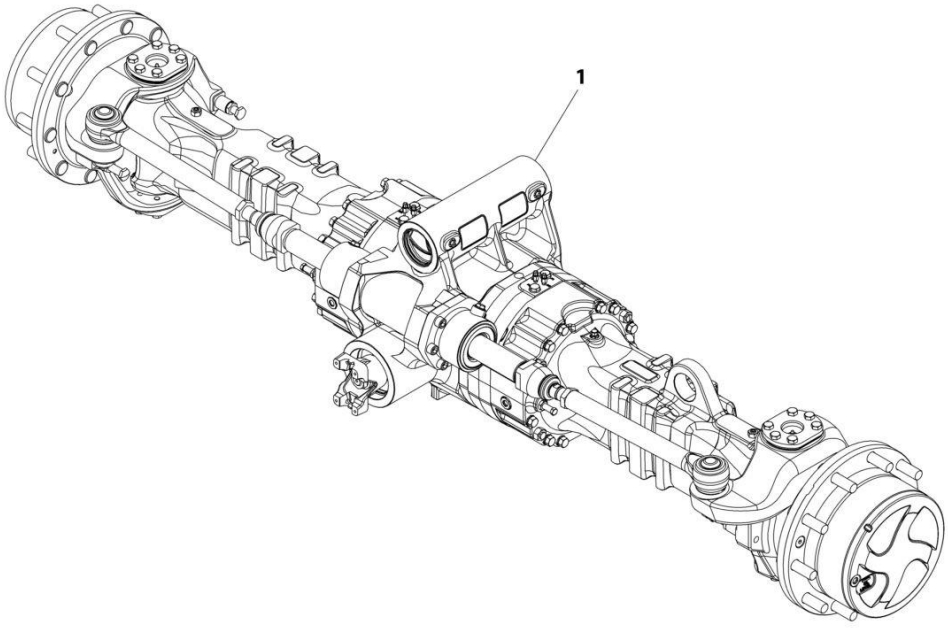


FIGURE 5-51. AXLE INSTALLATION (74HP) (10042,10054)

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 5-52. FRONT AXLE INSTALLATION (74HP) (10042,10054)



ART_1005798200_E

FIGURE 5-52. FRONT AXLE INSTALLATION (74HP) (10042,10054)

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 5-53. FRONT AXLE - CENTRAL HOUSING (74HP) (10042,10054)

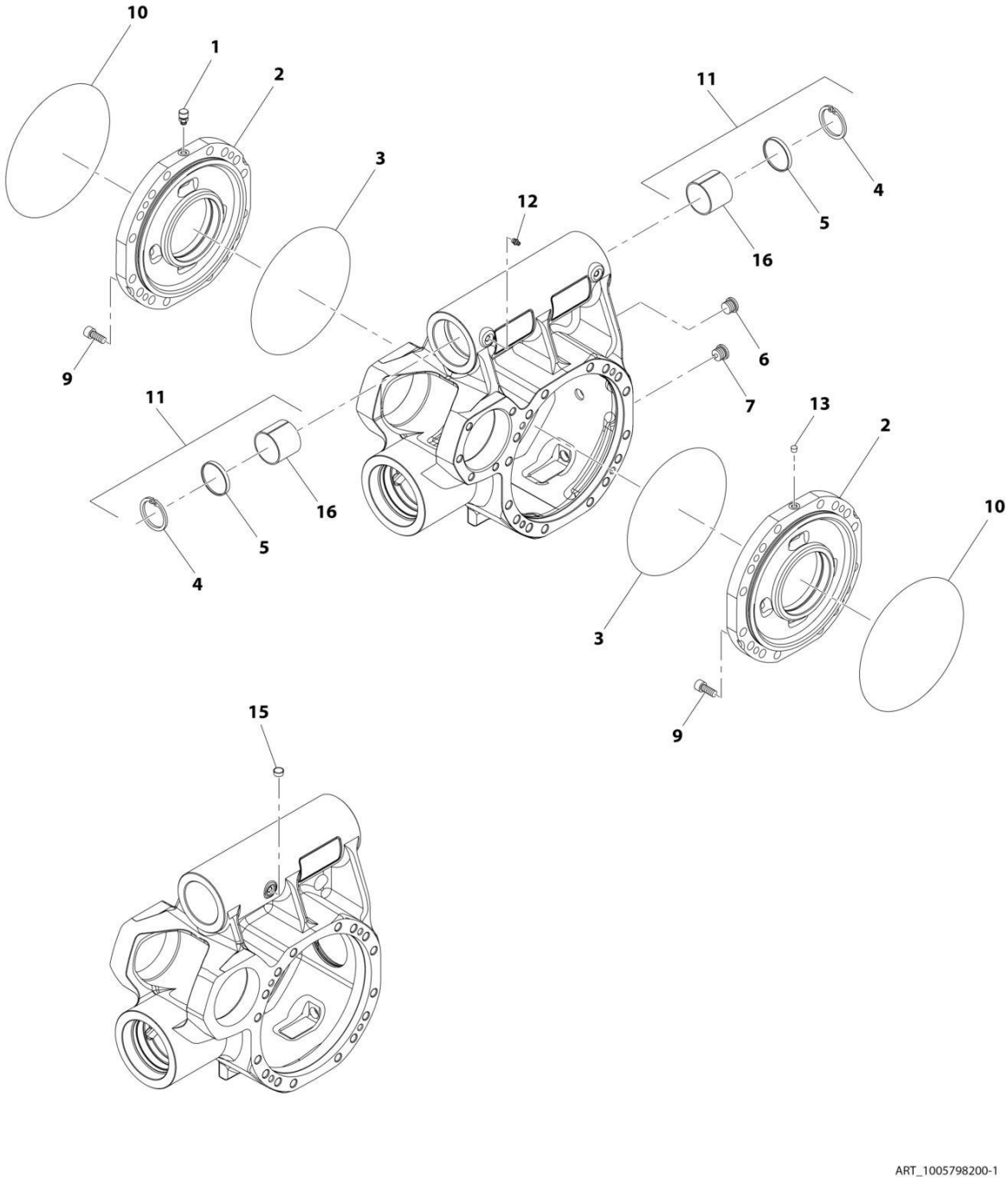
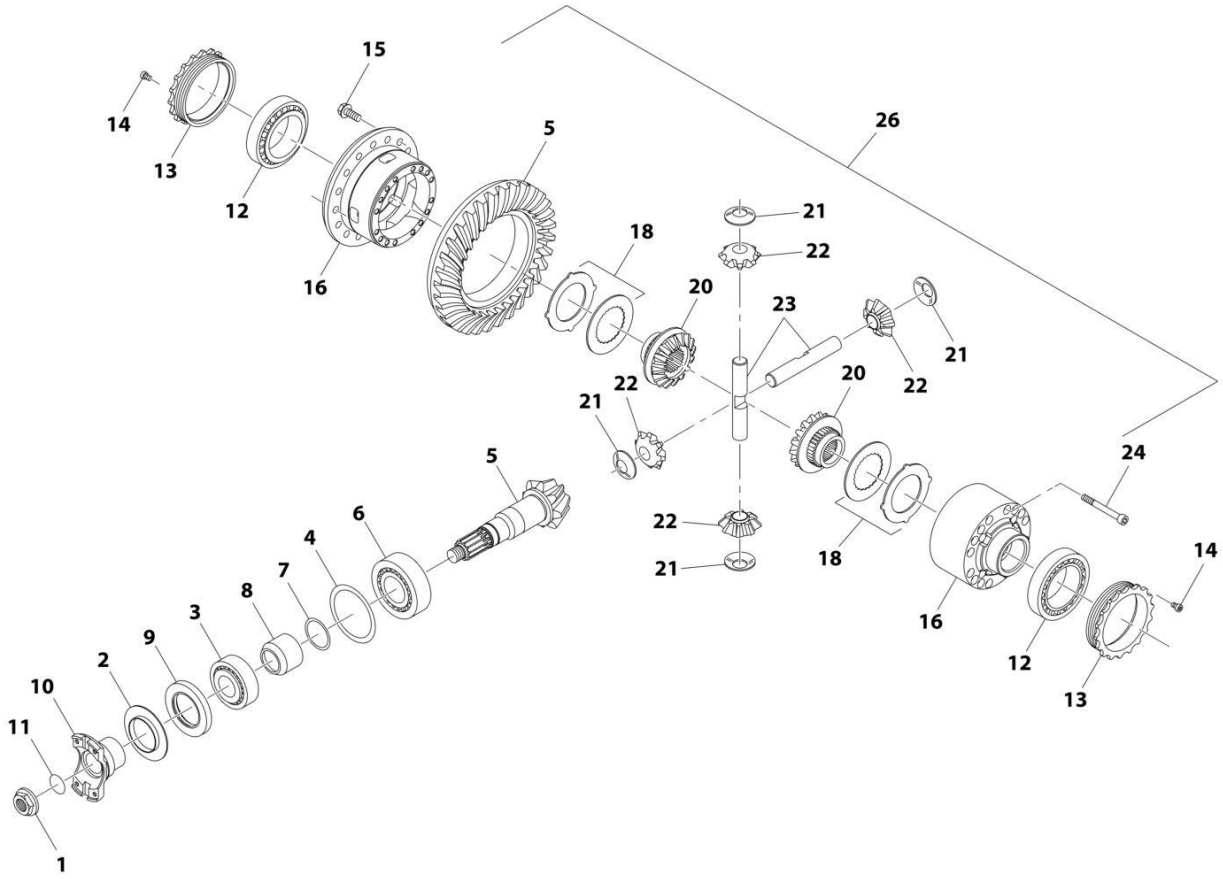


FIGURE 5-53. FRONT AXLE - CENTRAL HOUSING (74HP) (10042,10054)

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 5-54. FRONT AXLE - DIFFERENTIAL (74HP) (10042,10054)



ART_1005798200-2

FIGURE 5-54. FRONT AXLE - DIFFERENTIAL (74HP) (10042,10054)

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 5-55. FRONT AXLE - HUB REDUCTION (74HP) (10042,10054)

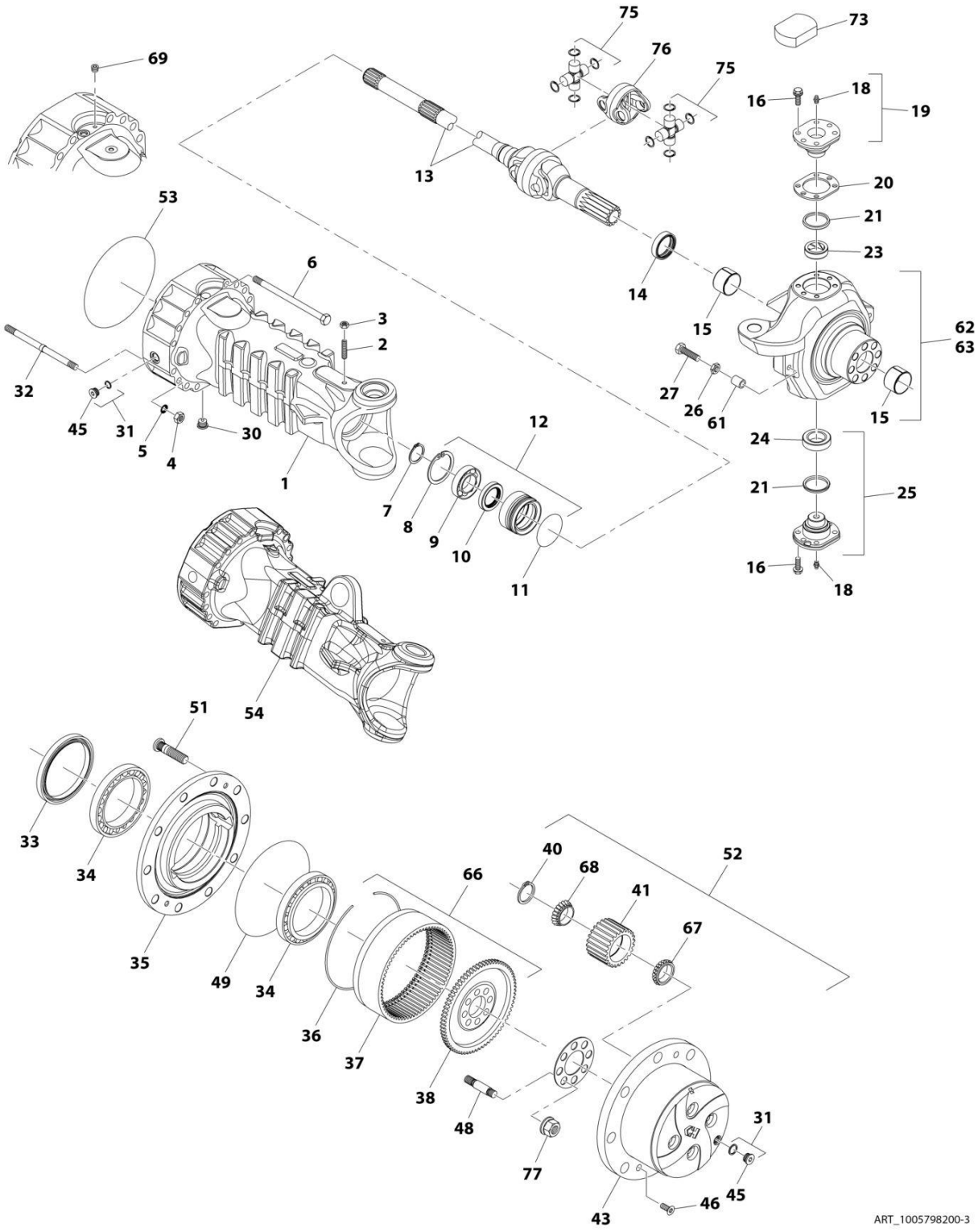


FIGURE 5-55. FRONT AXLE - HUB REDUCTION (74HP) (10042,10054)

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 5-56. FRONT AXLE - BRAKES (74HP) (10042,10054)

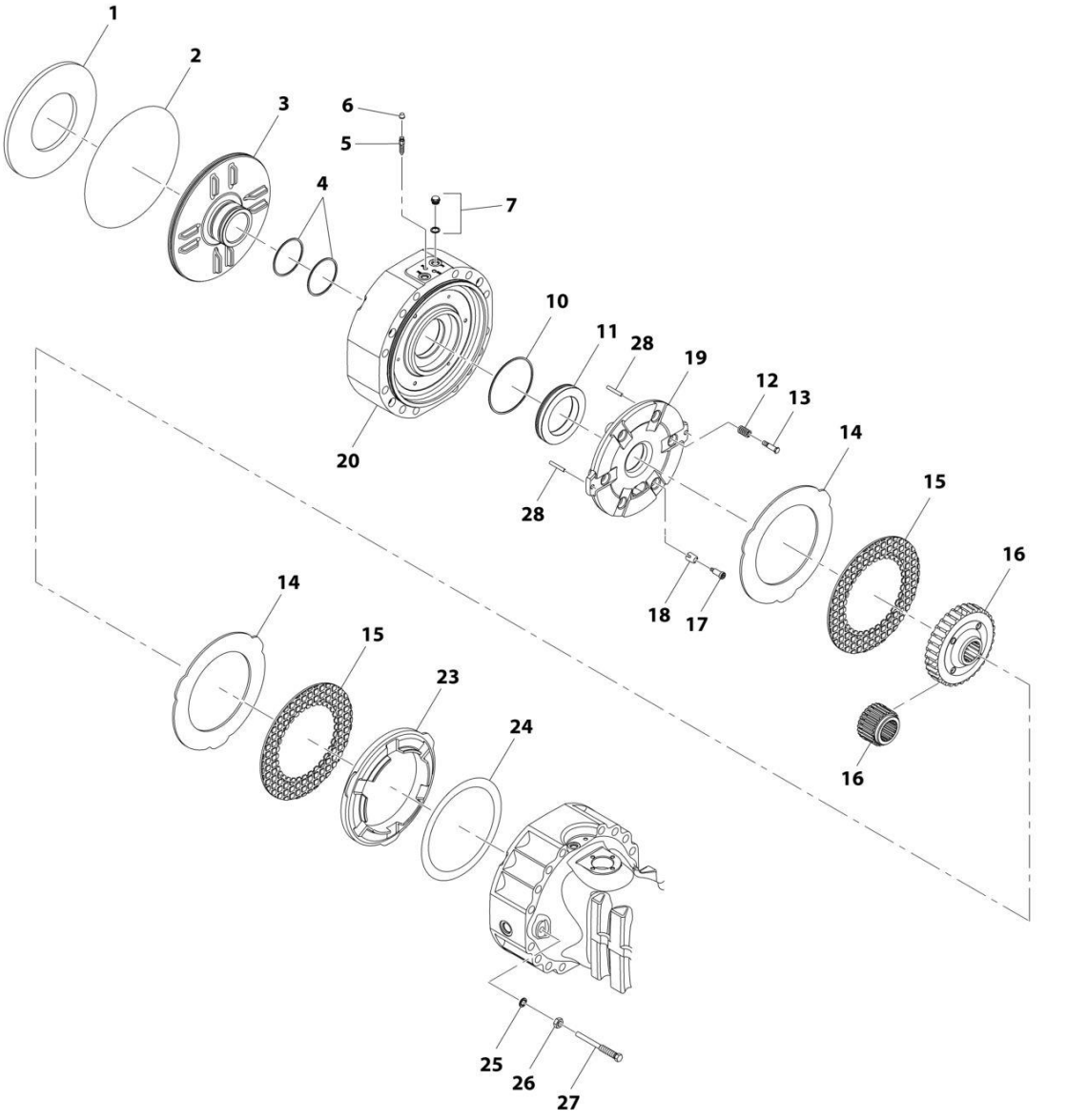


FIGURE 5-56. FRONT AXLE - BRAKES (74HP) (10042,10054)

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 5-57. FRONT AXLE - STEERING (74HP) (10042,10054)

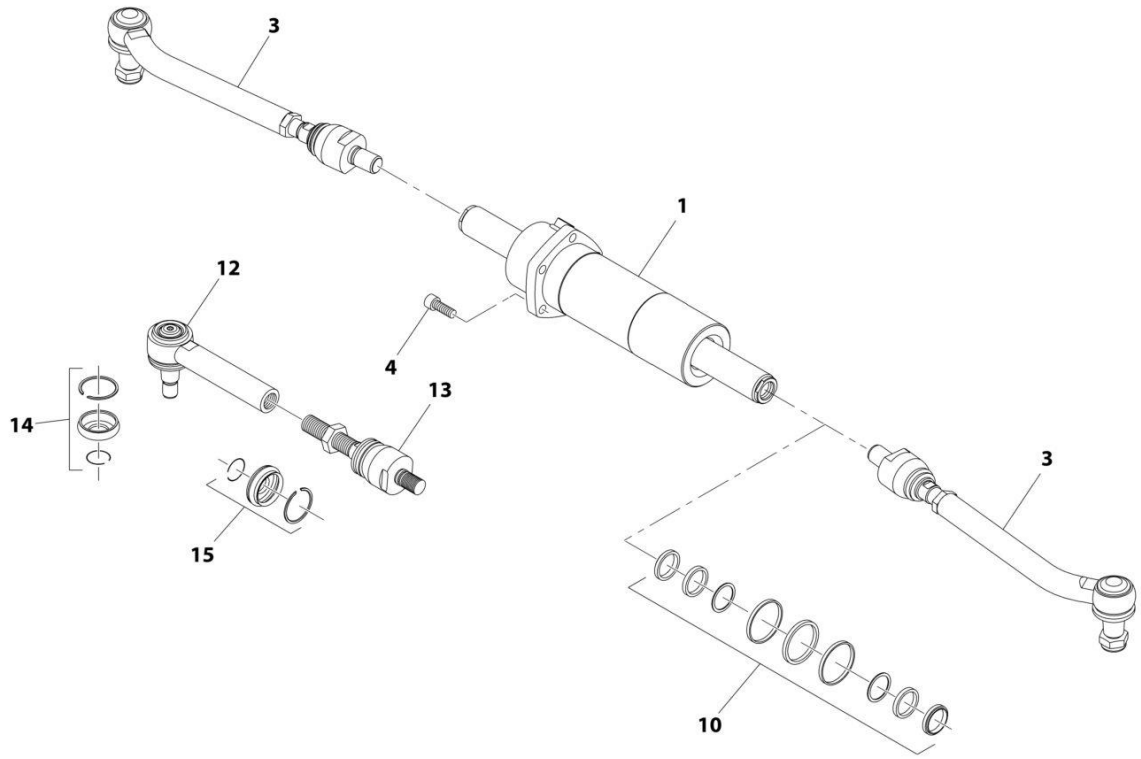


FIGURE 5-57. FRONT AXLE - STEERING (74HP) (10042,10054)

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 5-58. REAR AXLE INSTALLATION (74HP) (10042,10054)

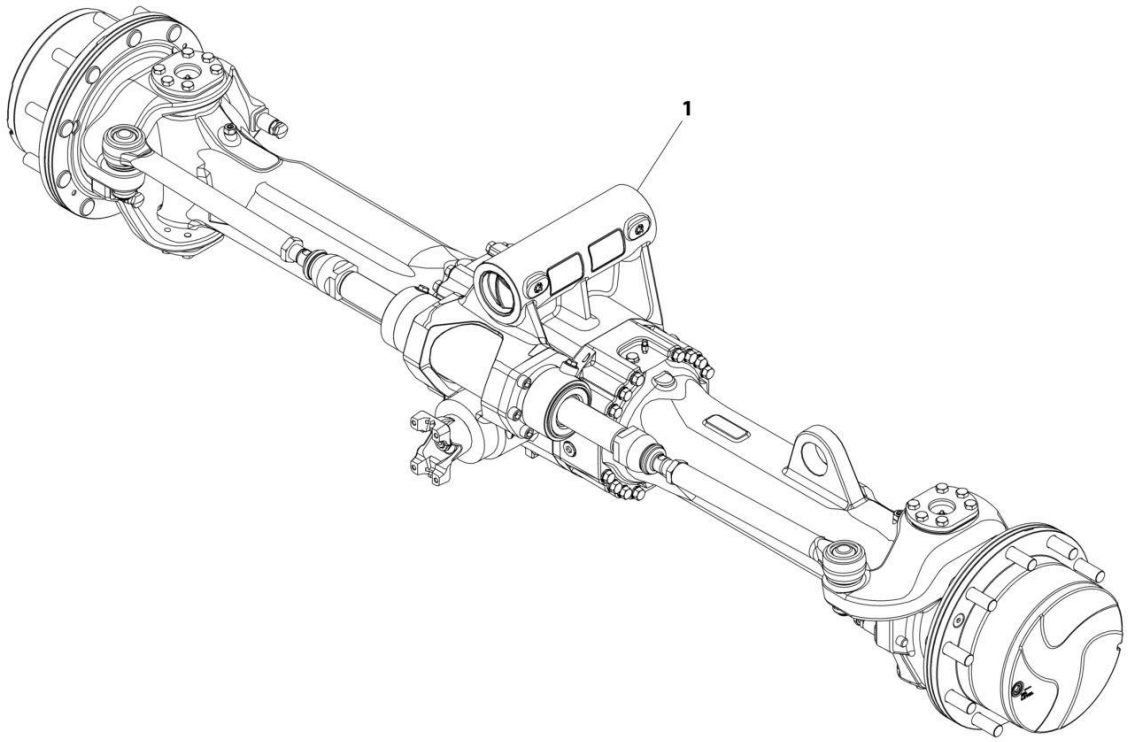


FIGURE 5-58. REAR AXLE INSTALLATION (74HP) (10042,10054)

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 5-59. REAR AXLE - CENTRAL HOUSING (74HP) (10042,10054)

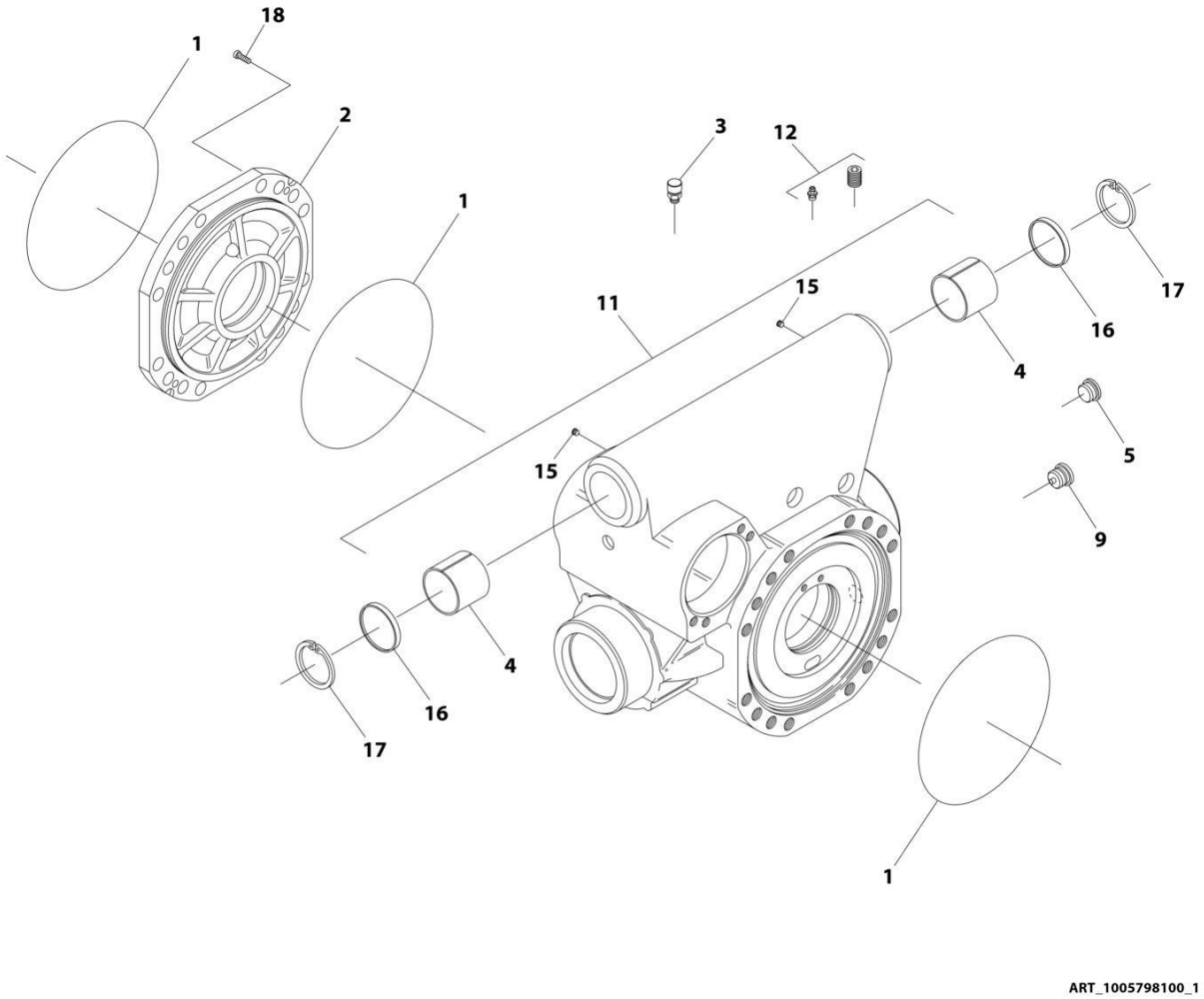


FIGURE 5-59. REAR AXLE - CENTRAL HOUSING (74HP) (10042,10054)

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 5-60. REAR AXLE - DIFFERENTIAL (74HP) (10042,10054)

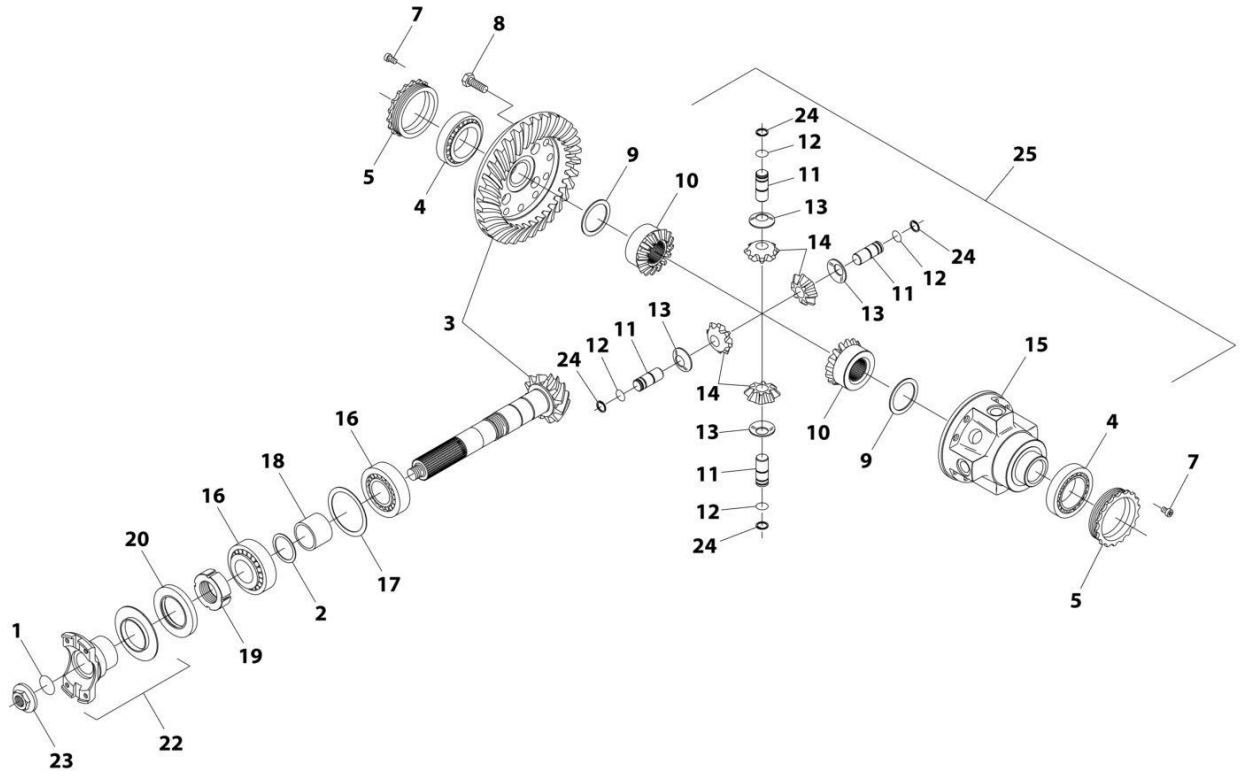


FIGURE 5-60. REAR AXLE - DIFFERENTIAL (74HP) (10042,10054)

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 5-61. REAR AXLE - HUB REDUCTION (74HP) (10042,10054)

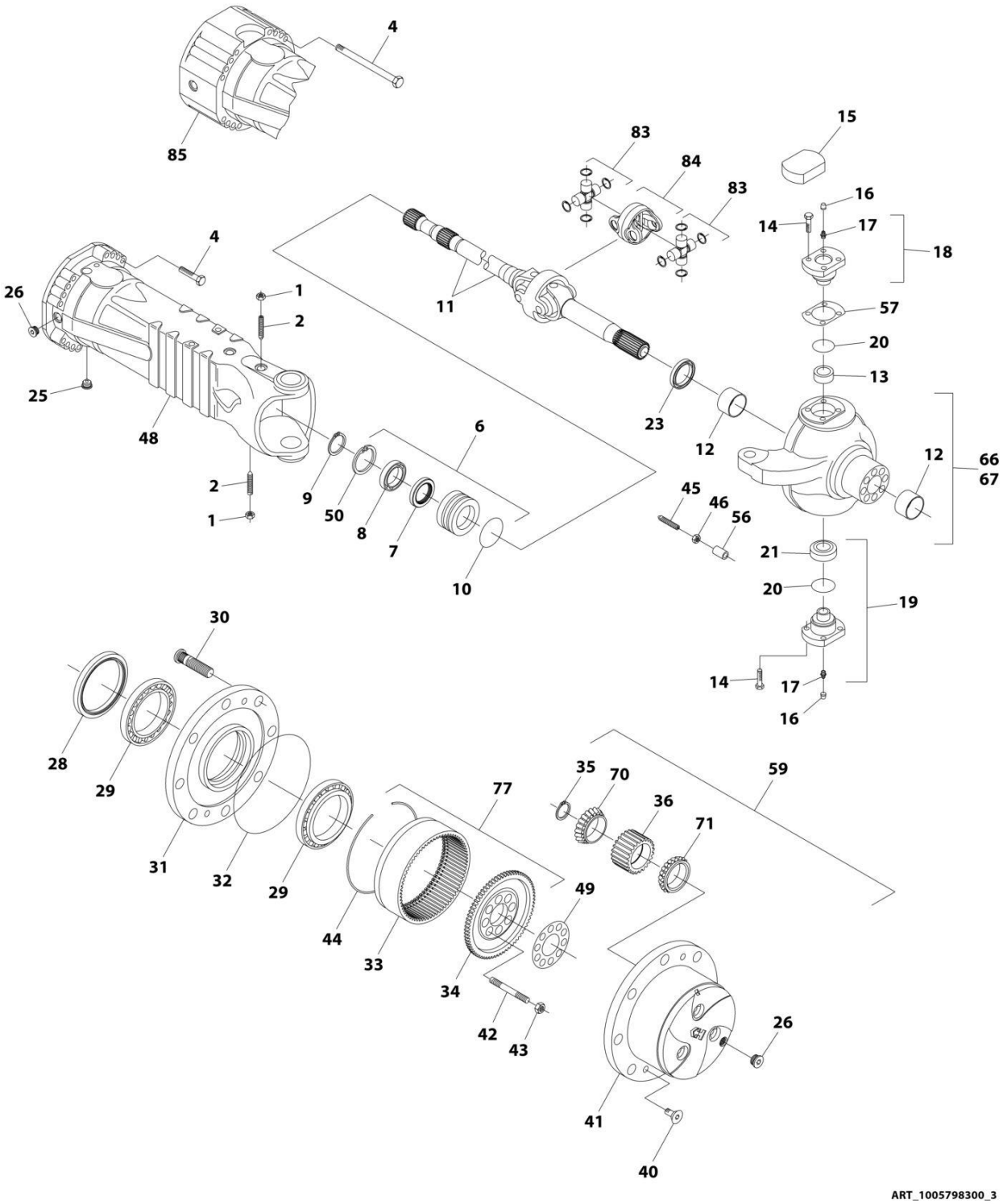


FIGURE 5-61. REAR AXLE - HUB REDUCTION (74HP) (10042,10054)

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 5-62. REAR AXLE - BRAKES (74HP) (10042,10054)

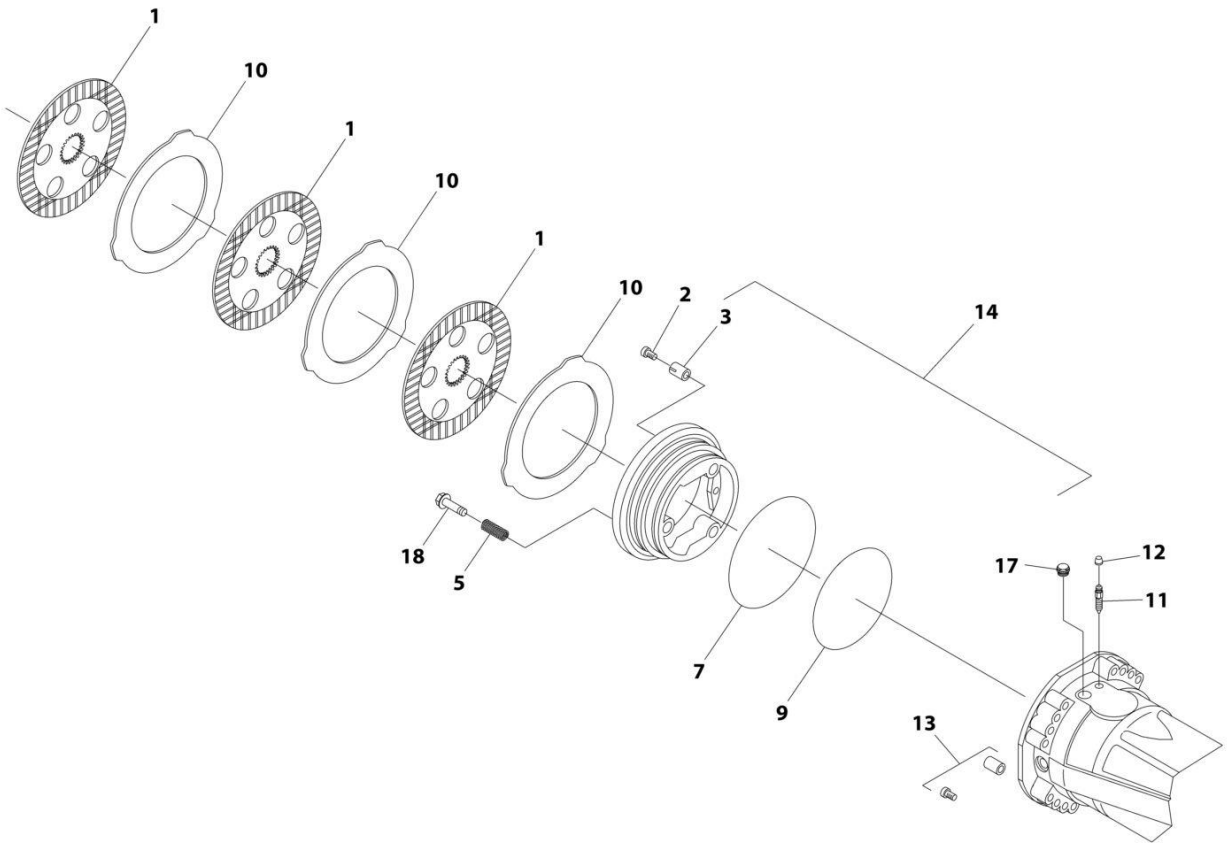


FIGURE 5-62. REAR AXLE - BRAKES (74HP) (10042,10054)

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 5-63. REAR AXLE - STEERING (74HP) (10042,10054)

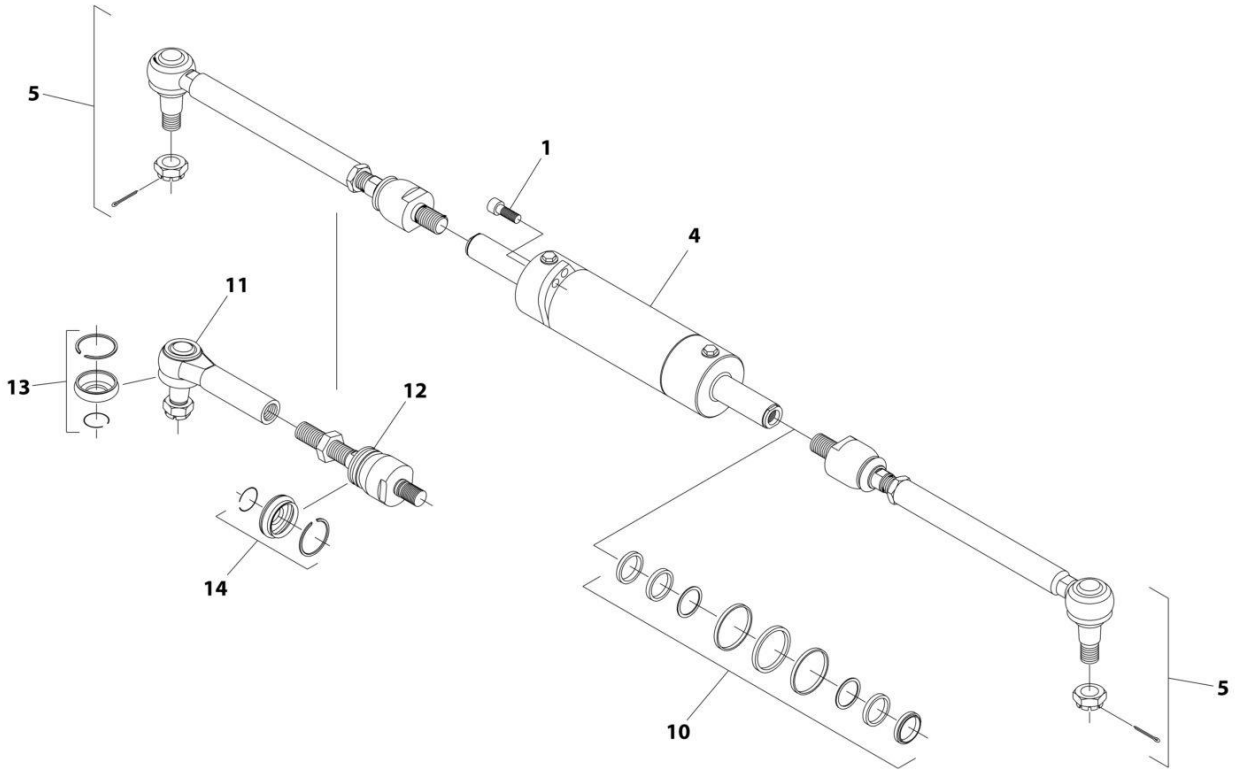


FIGURE 5-63. REAR AXLE - STEERING (74HP) (10042,10054)

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 5-64. AXLE INSTALLATION (110HP) (10042,10054)

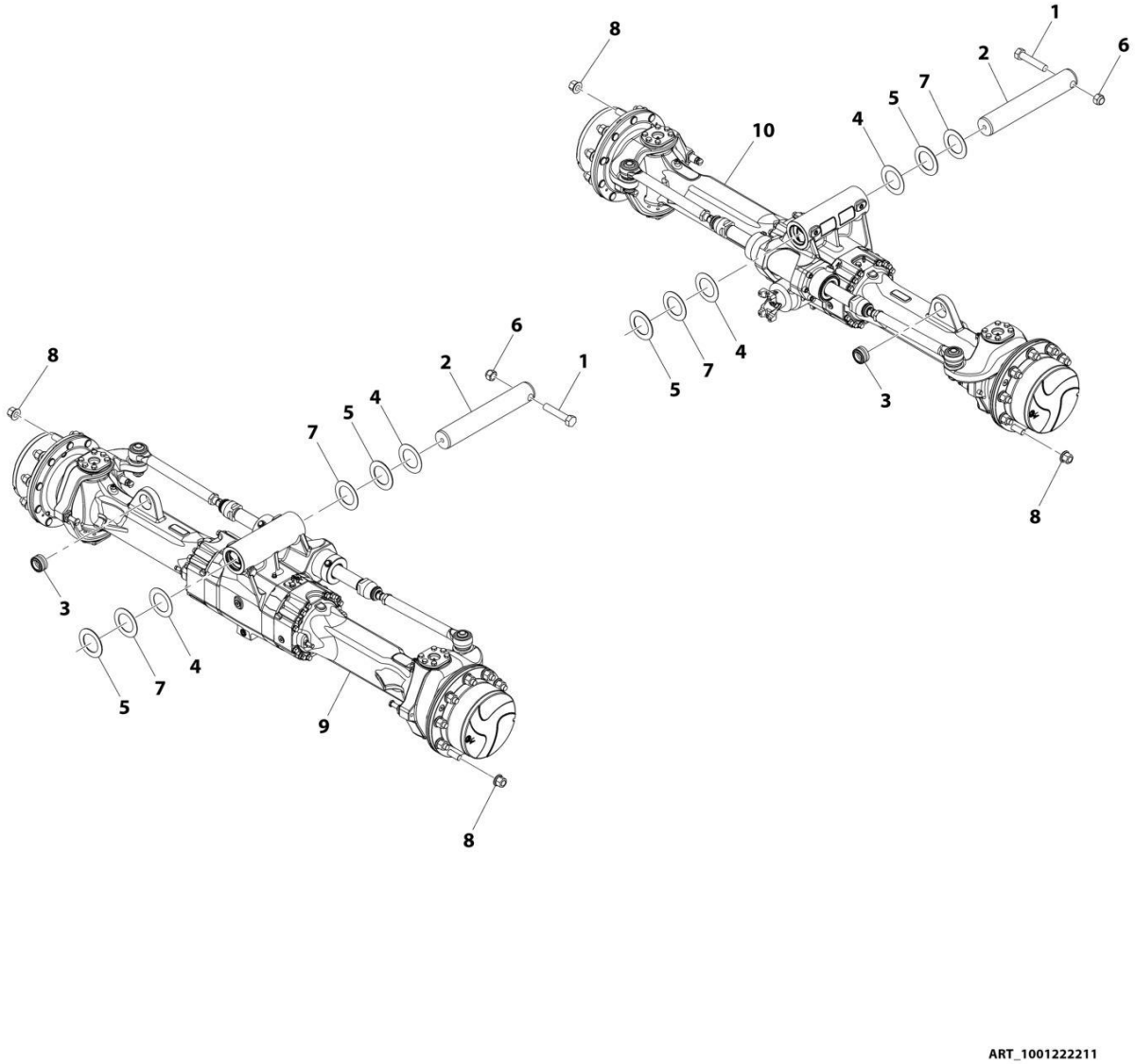
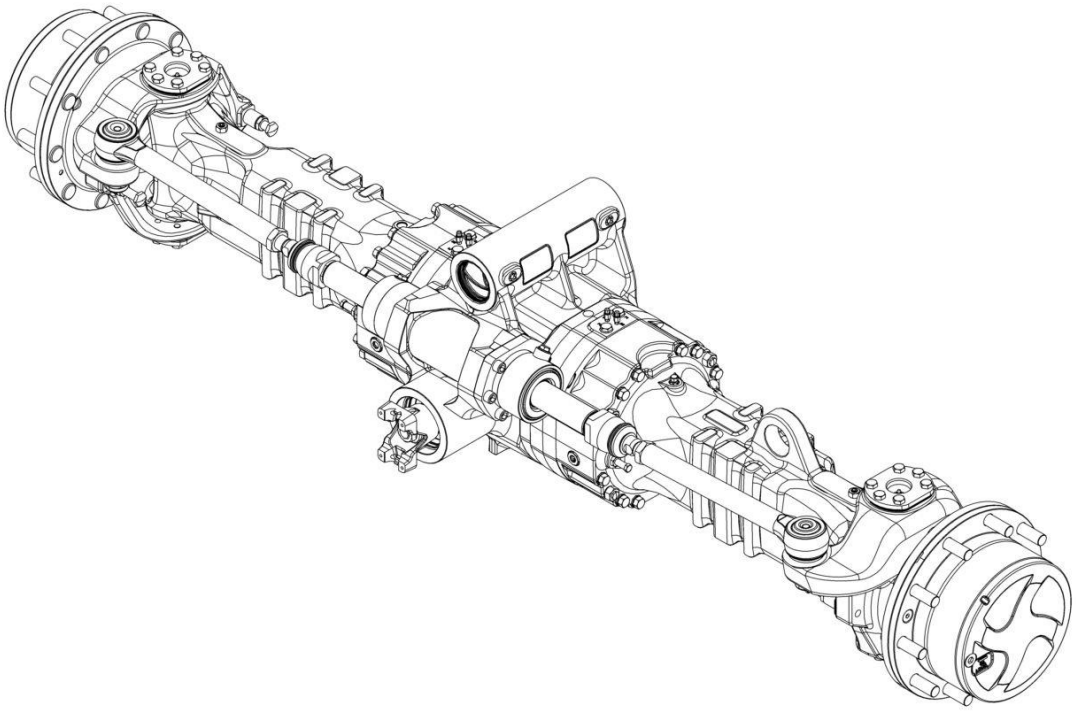


FIGURE 5-64. AXLE INSTALLATION (110HP) (10042,10054)

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 5-65. FRONT AXLE INSTALLATION (110HP) (10042,10054)



ART_1001220490

FIGURE 5-65. FRONT AXLE INSTALLATION (110HP) (10042,10054)

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 5-66. FRONT AXLE - CENTRAL HOUSING (110HP) (10042,10054)

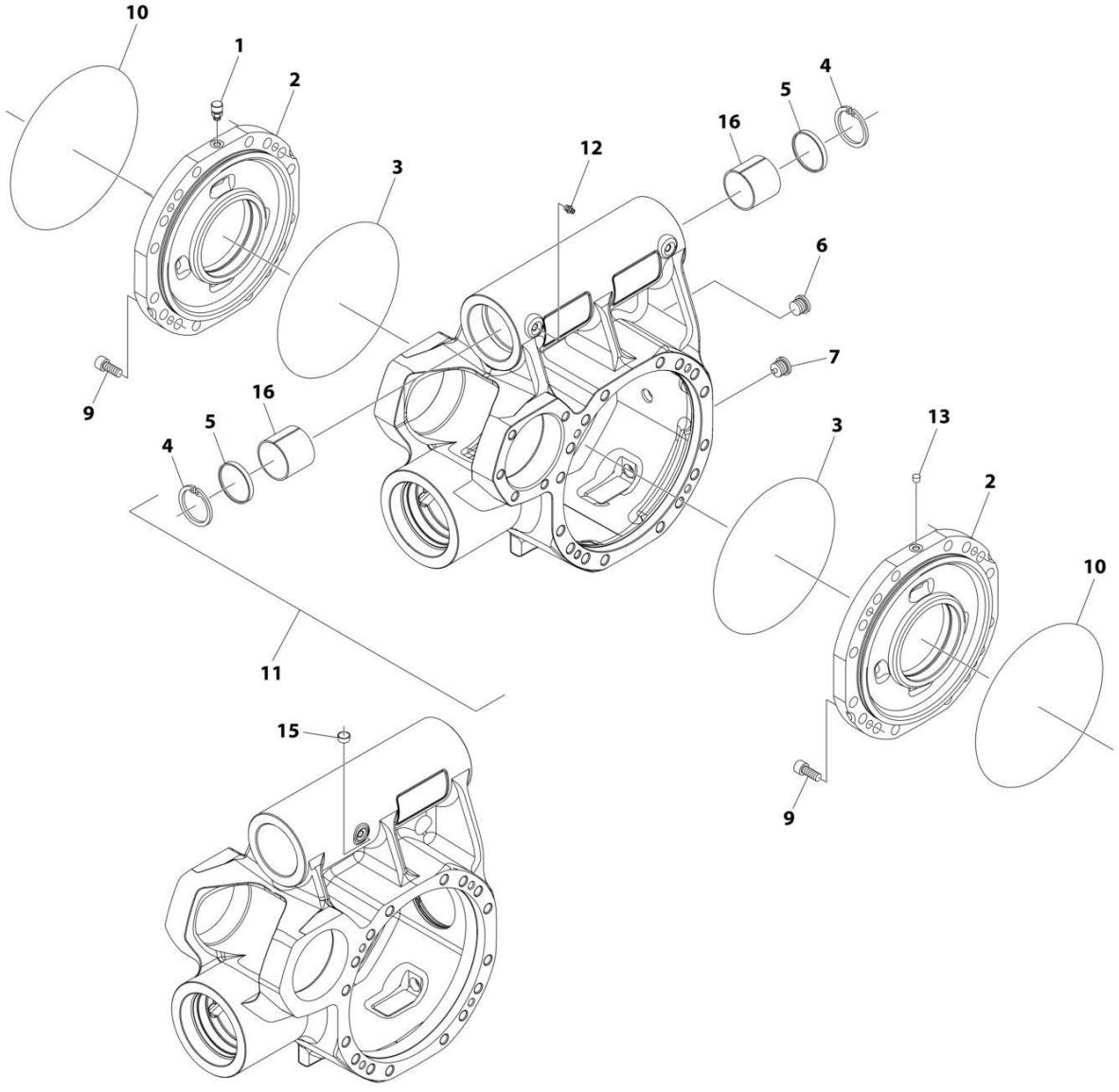


FIGURE 5-66. FRONT AXLE - CENTRAL HOUSING (110HP) (10042,10054)

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 5-67. FRONT AXLE - DIFFERENTIAL (110HP) (10042,10054)

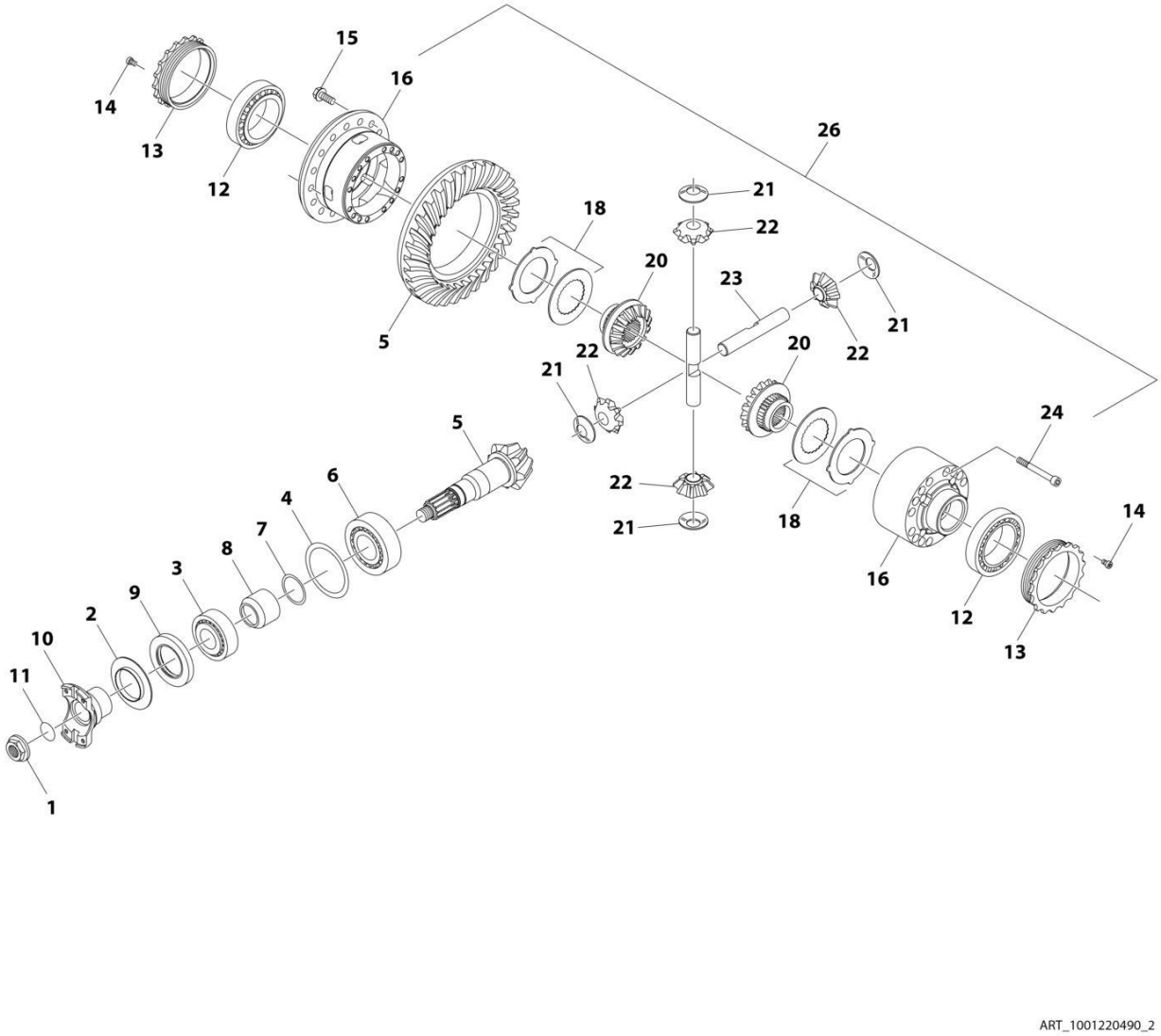


FIGURE 5-67. FRONT AXLE - DIFFERENTIAL (110HP) (10042,10054)

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 5-68. FRONT AXLE - HUB REDUCTION (110HP) (10042,10054)

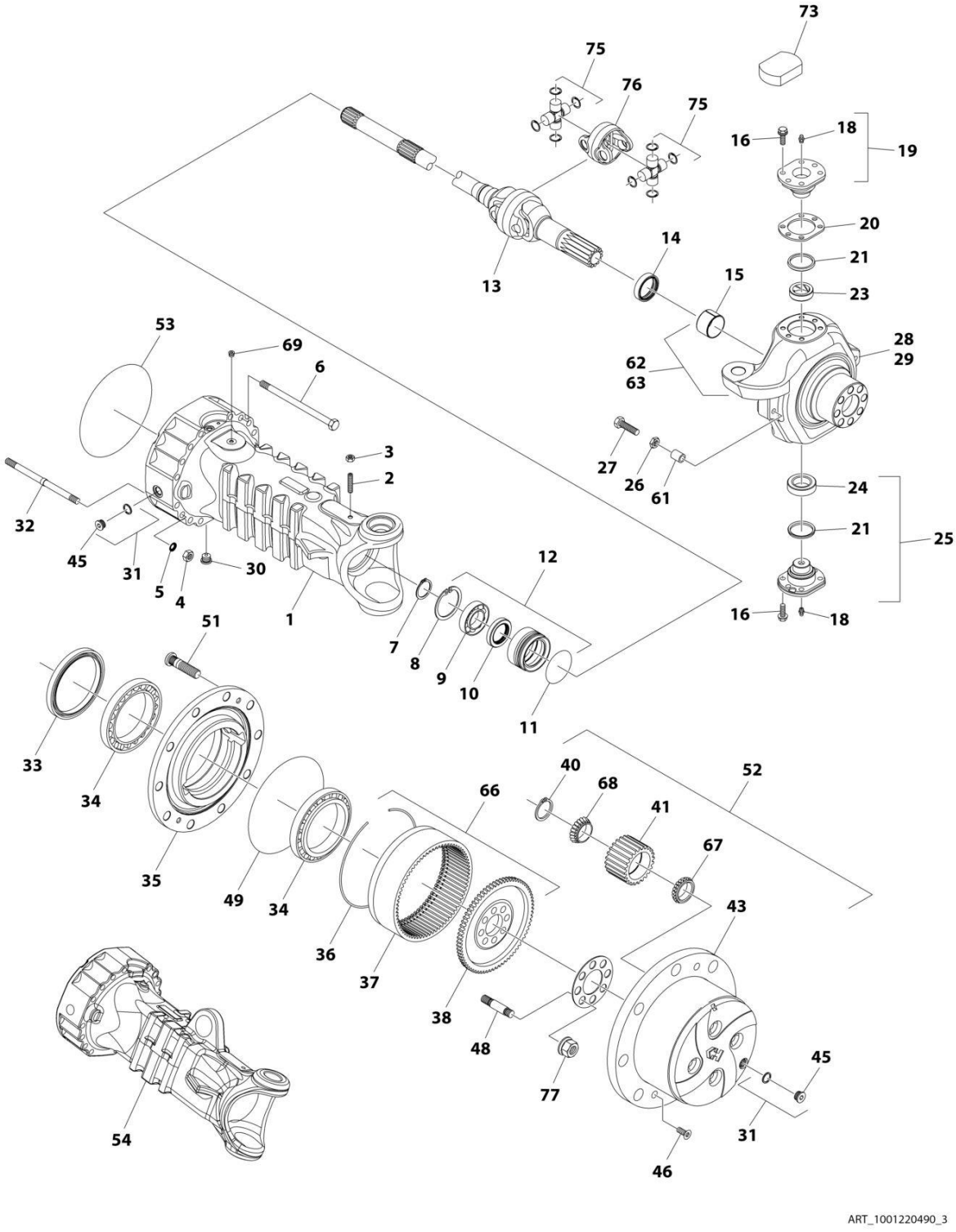


FIGURE 5-68. FRONT AXLE - HUB REDUCTION (110HP) (10042,10054)

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 5-69. FRONT AXLE - BRAKES (110HP) (10042,10054)

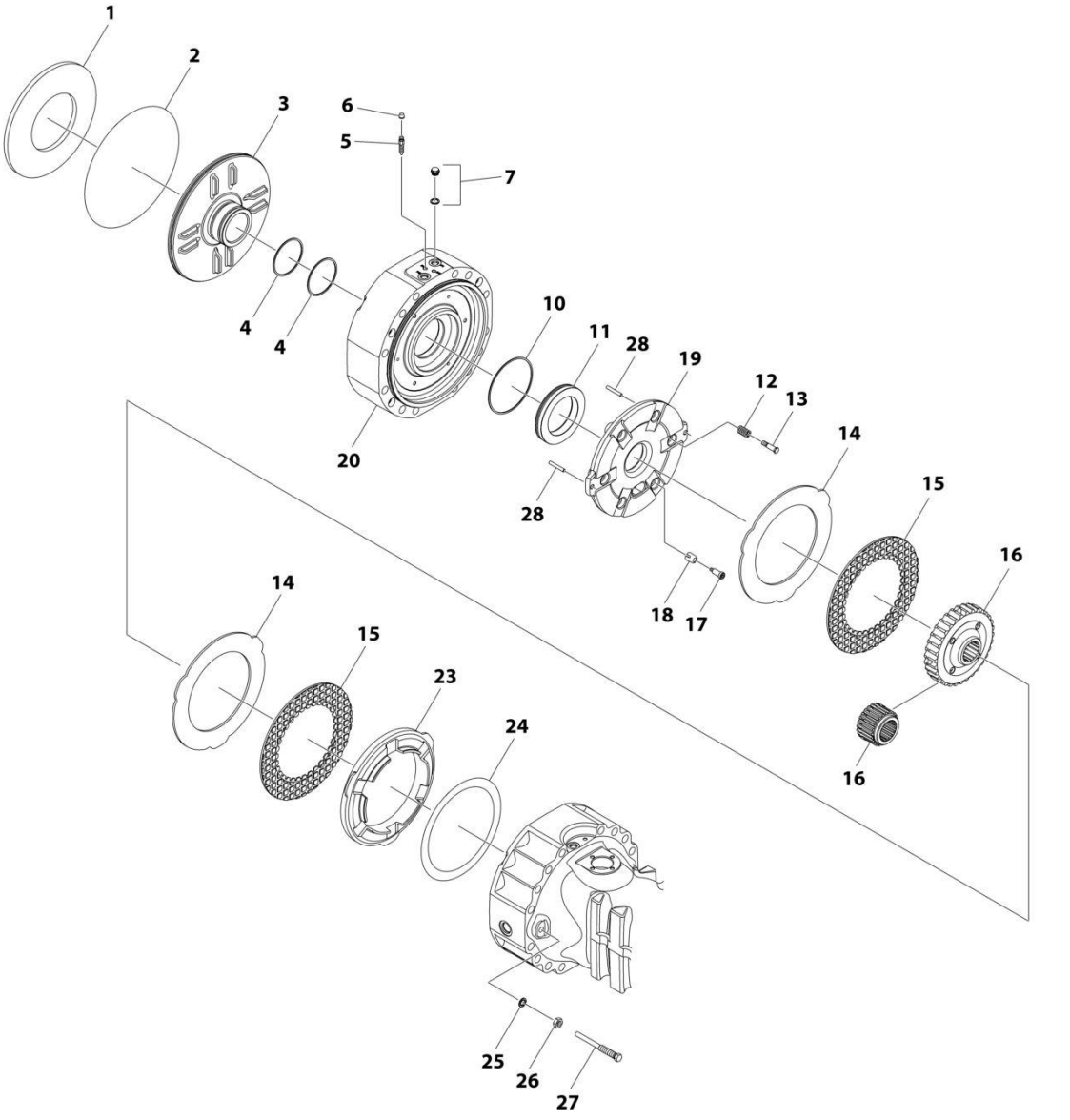


FIGURE 5-69. FRONT AXLE - BRAKES (110HP) (10042,10054)

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 5-70. FRONT AXLE - STEERING (110HP) (10042,10054)

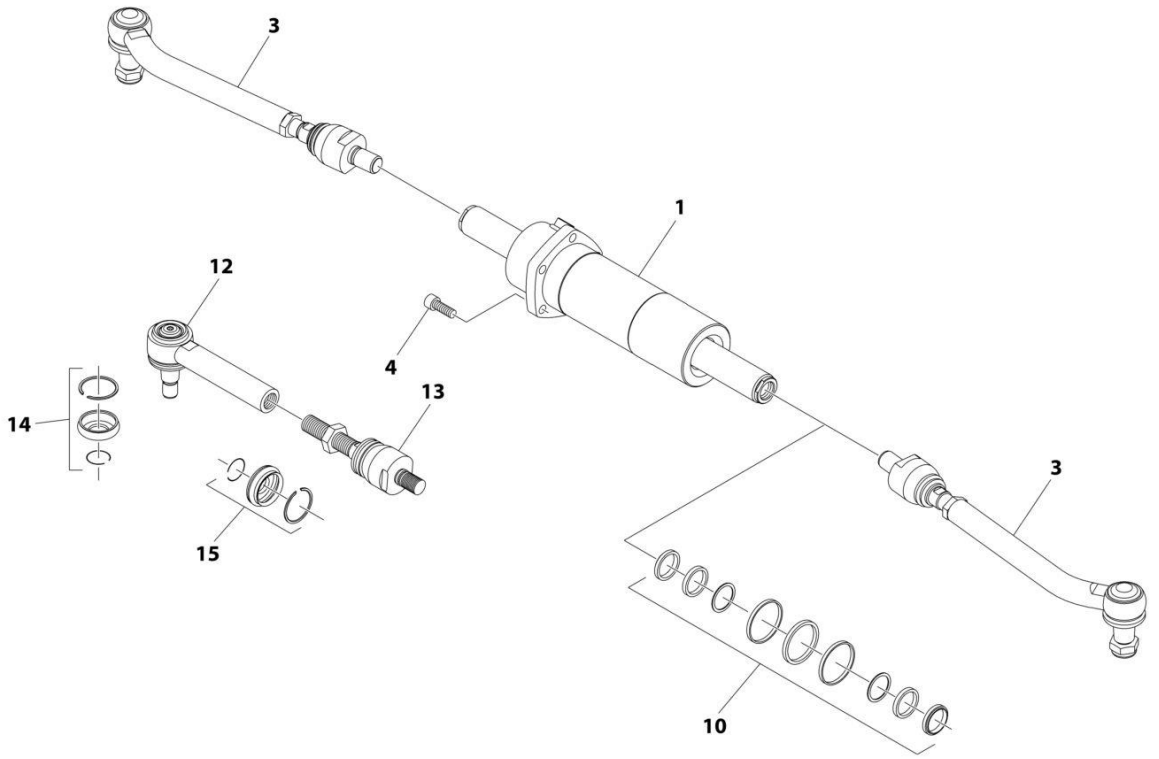
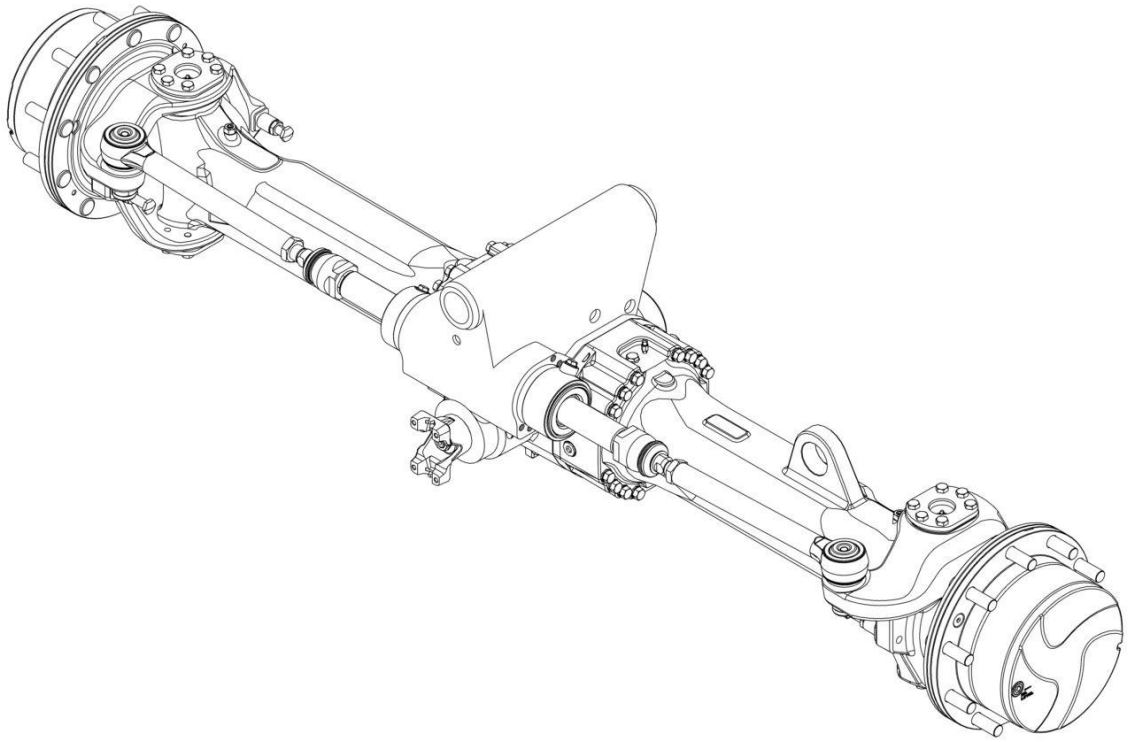


FIGURE 5-70. FRONT AXLE - STEERING (110HP) (10042,10054)

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 5-71. REAR AXLE INSTALLATION (110HP) (10042,10054)



ART_1001220491

FIGURE 5-71. REAR AXLE INSTALLATION (110HP) (10042,10054)

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 5-72. REAR AXLE - CENTRAL HOUSING (110HP) (10042,10054)

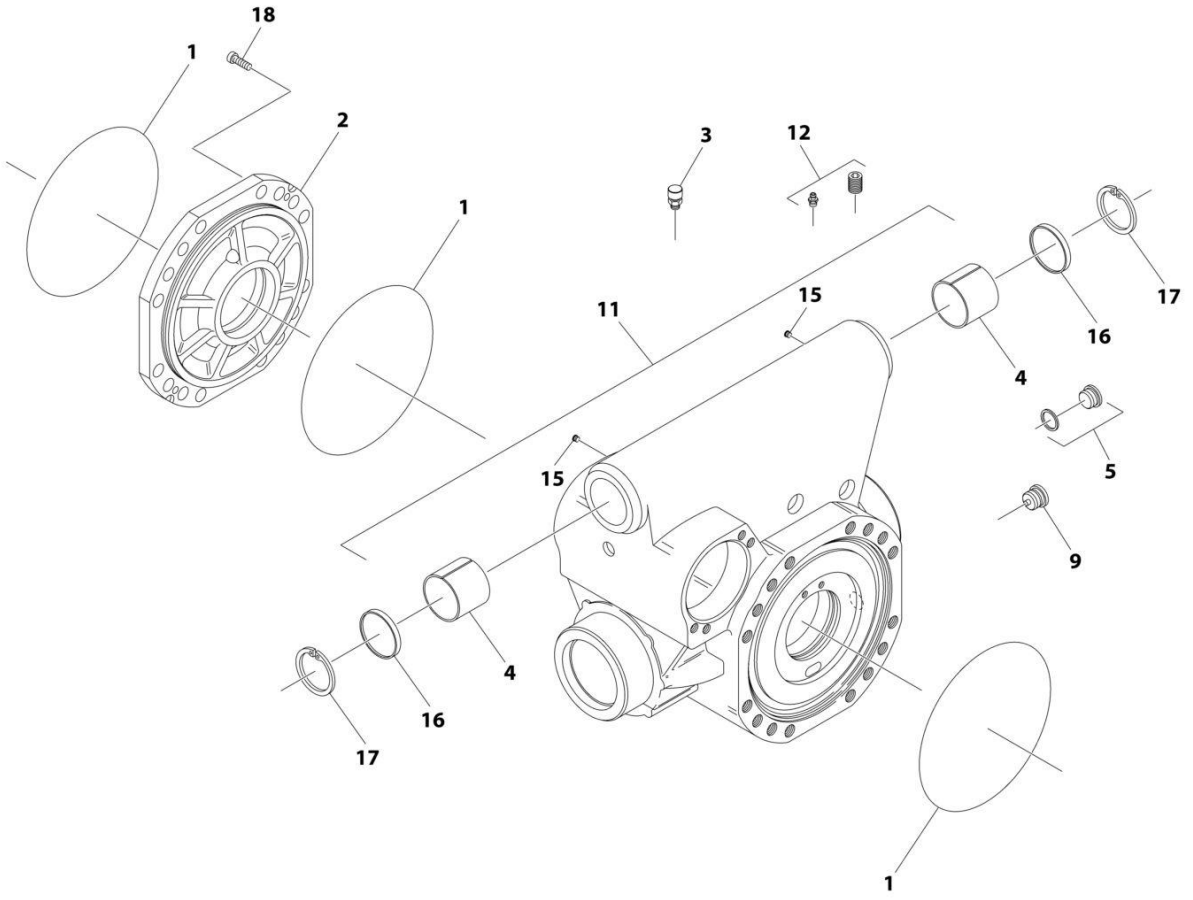


FIGURE 5-72. REAR AXLE - CENTRAL HOUSING (110HP) (10042,10054)

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 5-73. FRONT AXLE - DIFFERENTIAL (110HP) (10042,10054)

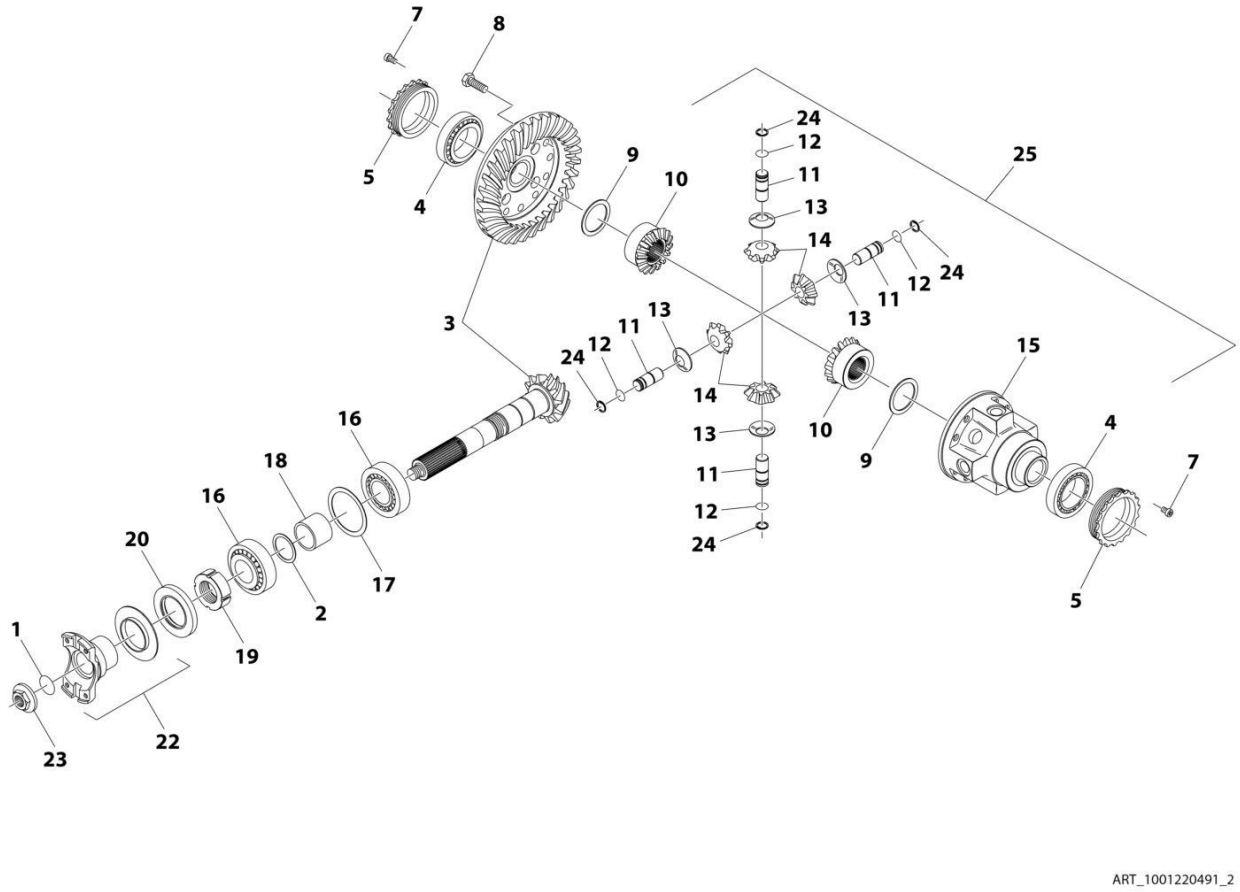


FIGURE 5-73. FRONT AXLE - DIFFERENTIAL (110HP) (10042,10054)

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 5-74. REAR AXLE - HUB REDUCTION (110HP) (10042,10054)

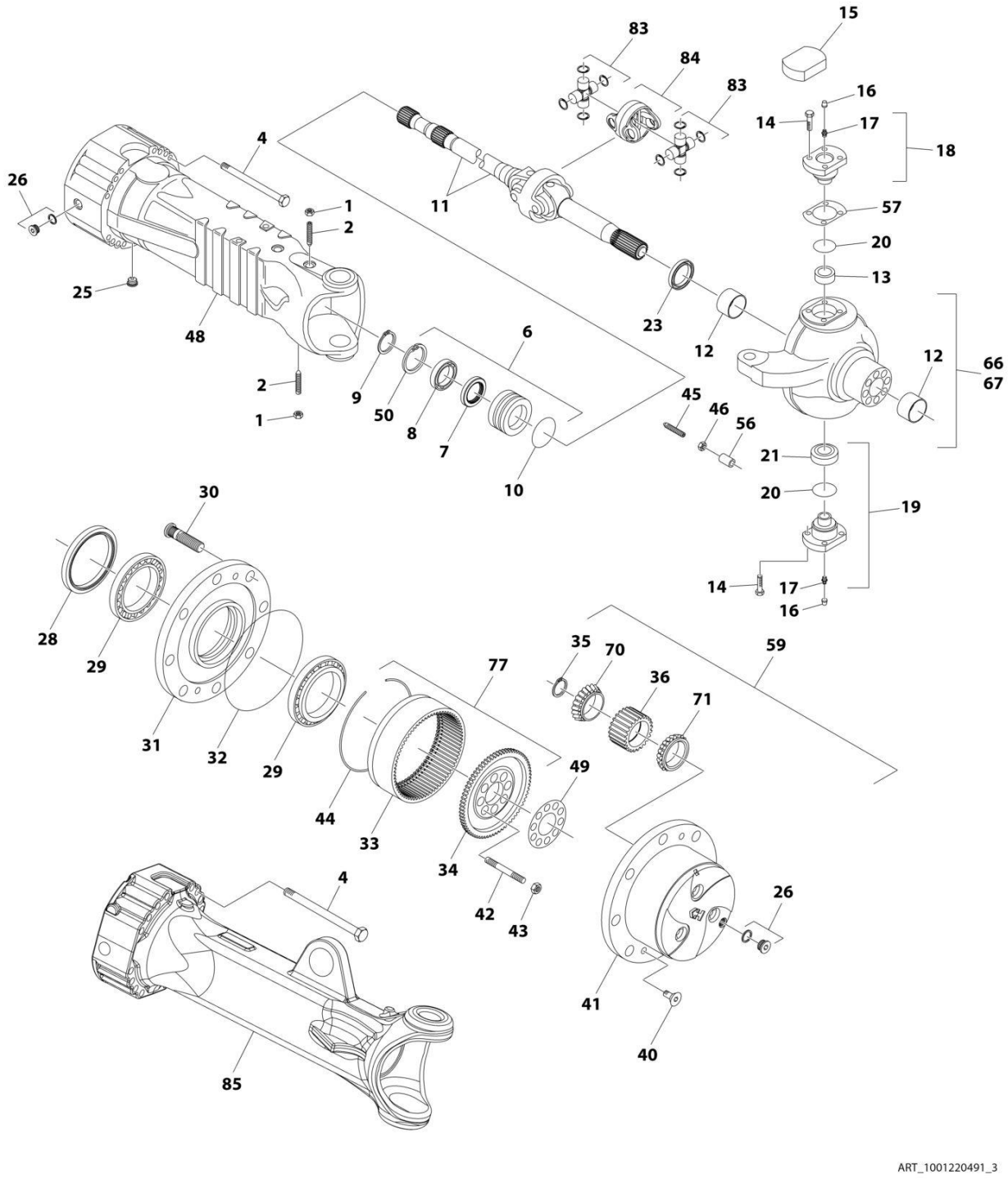


FIGURE 5-74. REAR AXLE - HUB REDUCTION (110HP) (10042,10054)

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)	

SECTION 5 - DRIVE TRAIN

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

FIGURE 5-75. REAR AXLE - BRAKES (110HP) (10042,10054)

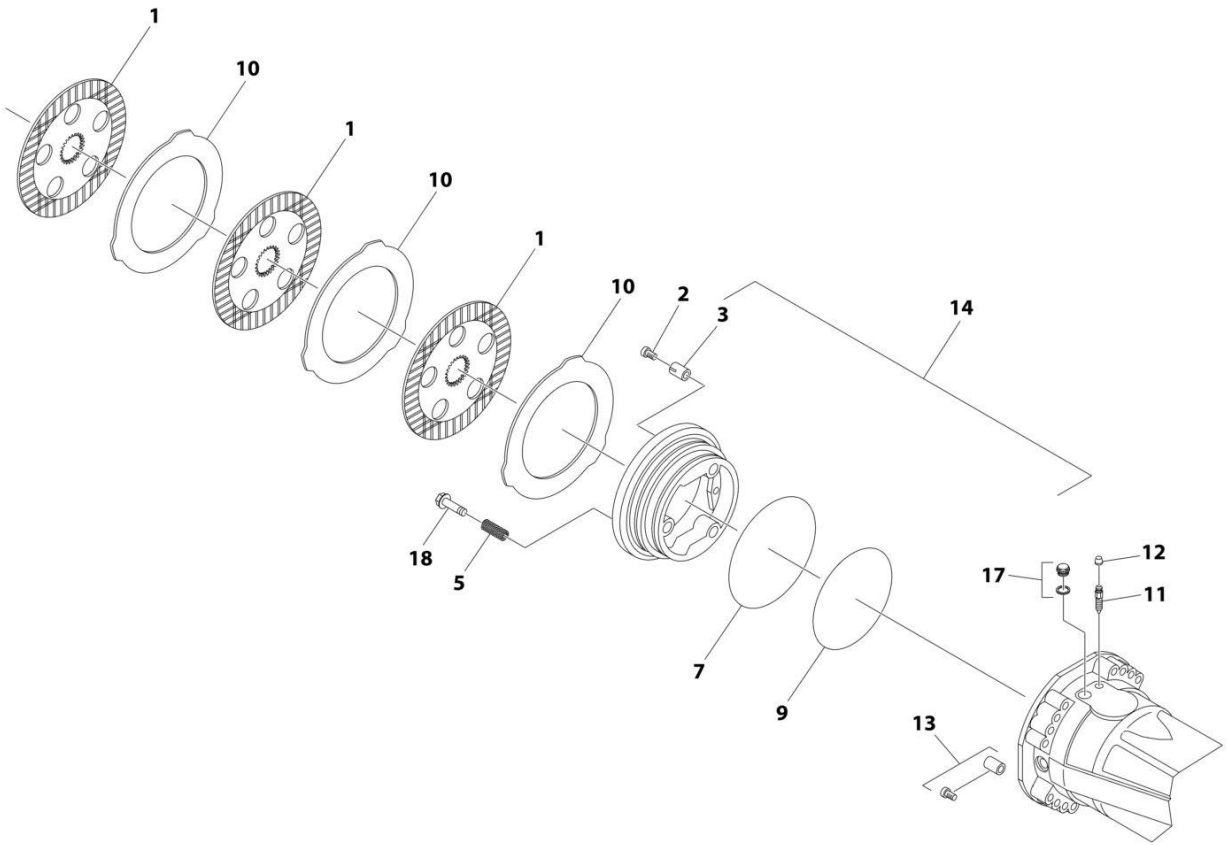


FIGURE 5-75. REAR AXLE - BRAKES (110HP) (10042,10054)

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 5-76. REAR AXLE - STEERING (110HP) (10042,10054)

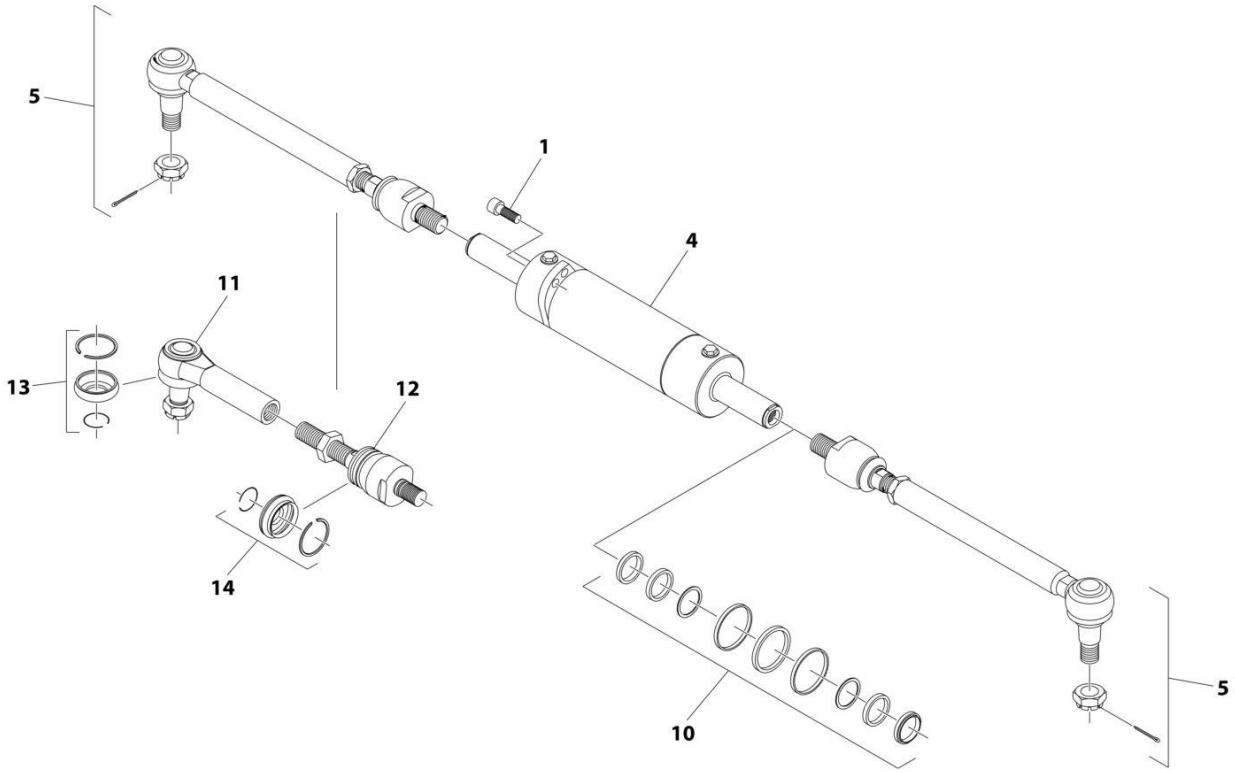


FIGURE 5-76. REAR AXLE - STEERING (110HP) (10042,10054)

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 5-77. FENDER INSTALLATION (8042)

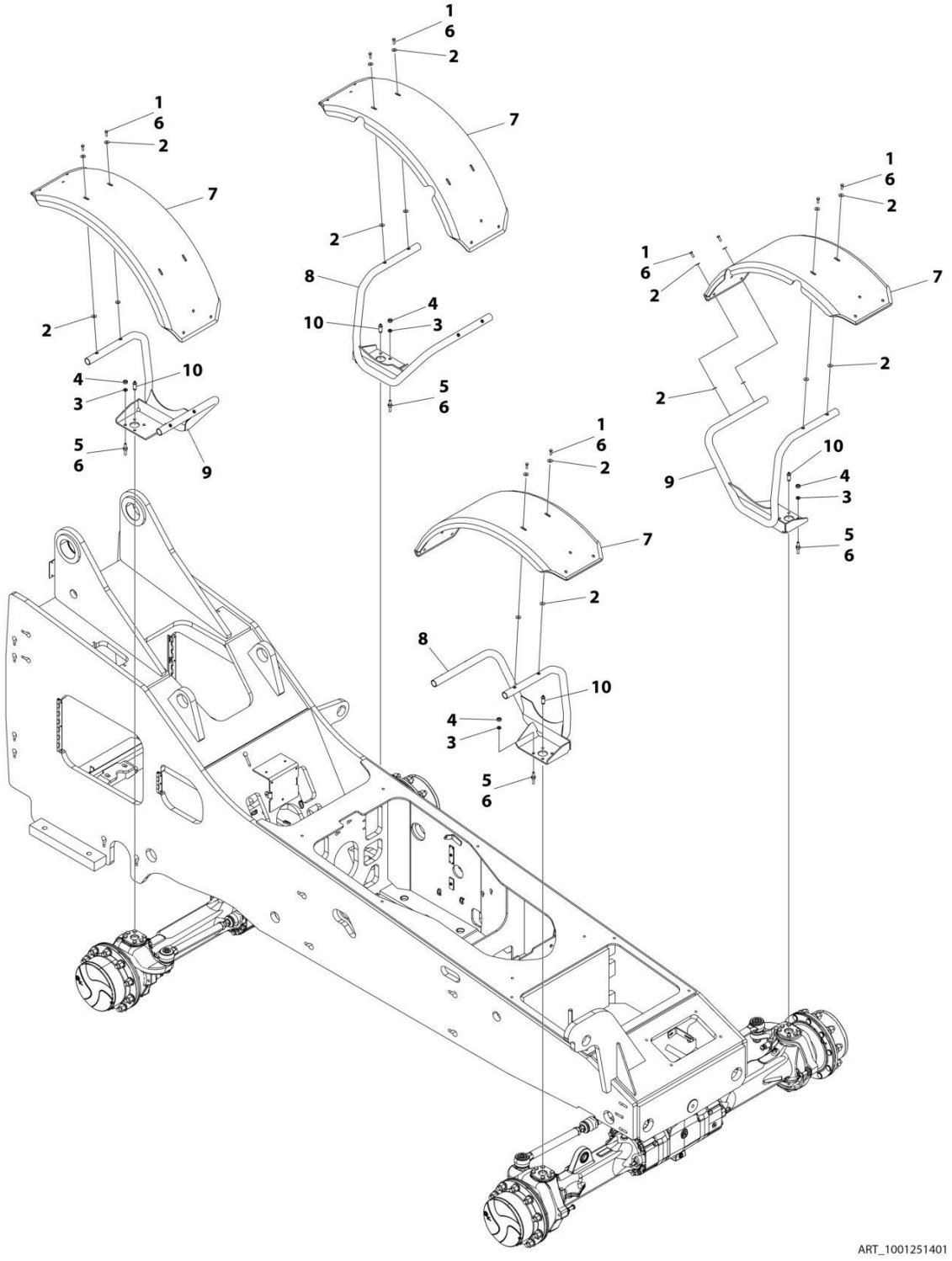


FIGURE 5-77. FENDER INSTALLATION (8042)

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

FIGURE 5-78. FENDER INSTALLATION (10042,10054)

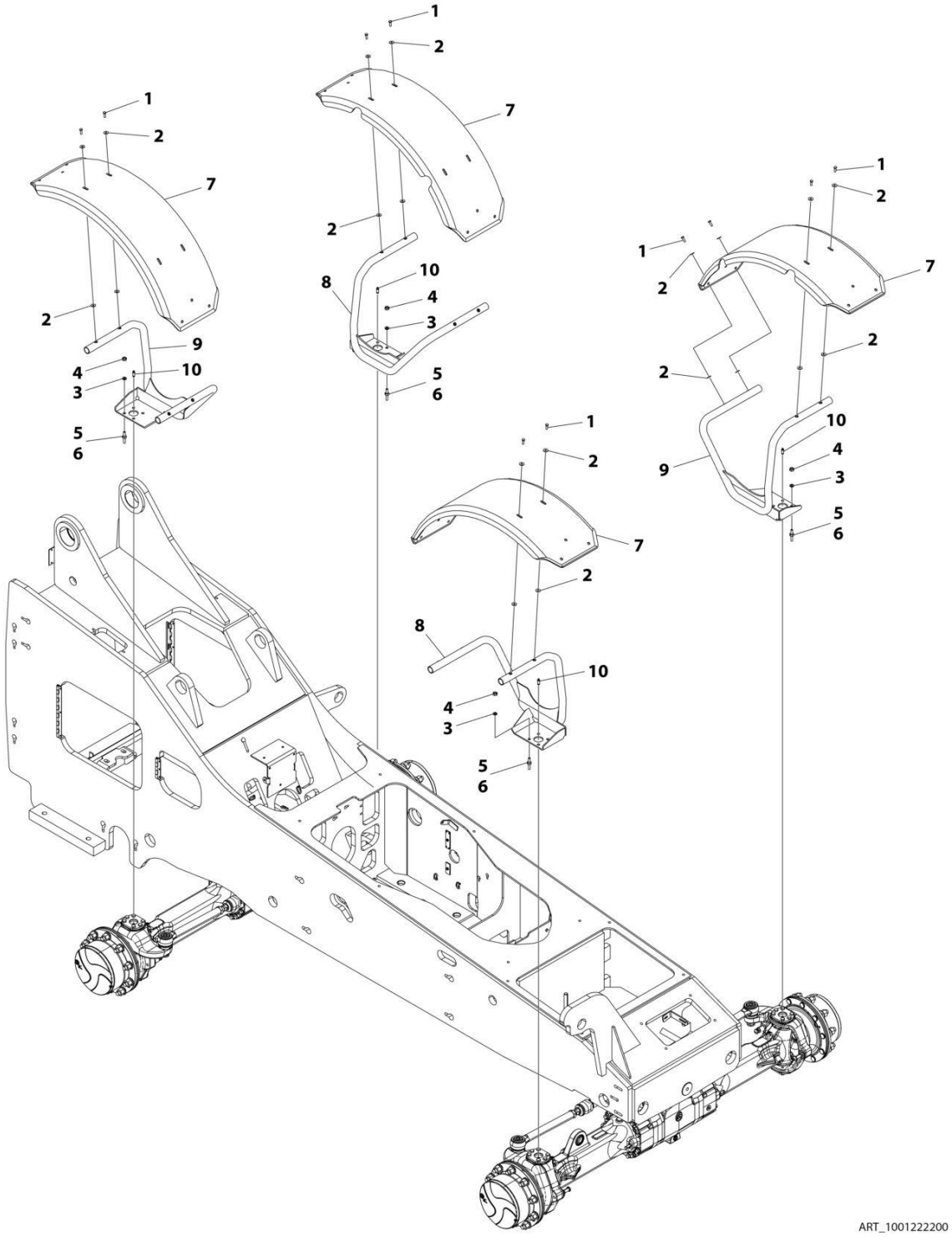


FIGURE 5-78. FENDER INSTALLATION (10042,10054)

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	

FIGURE 5-79. DIFFERENTIAL KIT (FRONT AXLE) (8042)

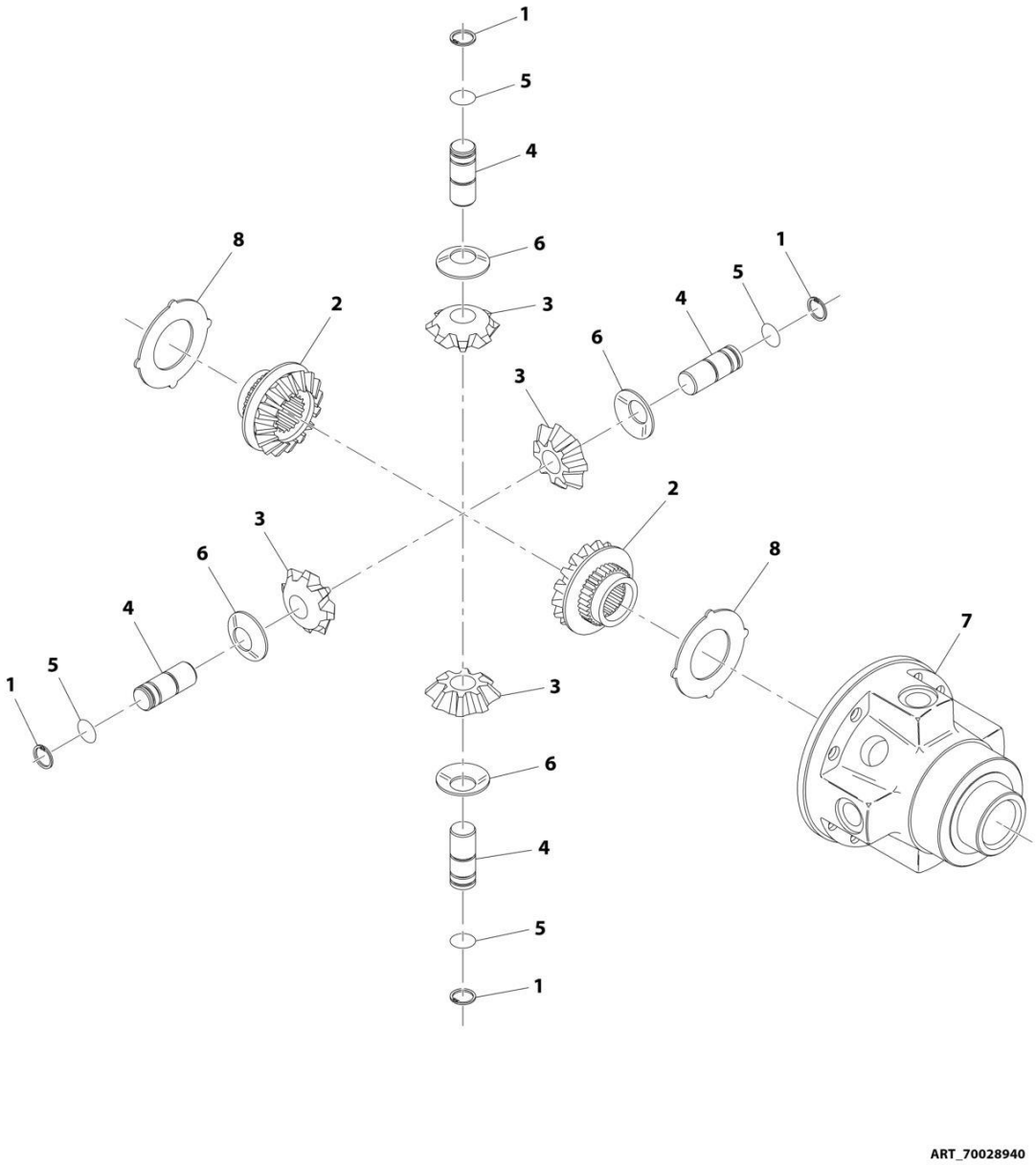


FIGURE 5-79. DIFFERENTIAL KIT (FRONT AXLE) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70028940	Ref	Differential Kit	
1	91474550	4	Circlip	
2	91474549	2	Differential Side Gear	
3	7029129	4	Differential Pinion	
4	7029131	4	Pin	
5	91474551	4	Circlip	
6	91474553	4	Friction Washer	
7	8007751	1	Differential Carrier	
8	8007755	2	Differential Disc Kit	

FIGURE 5-80. DIFFERENTIAL KIT (REAR AXLE)

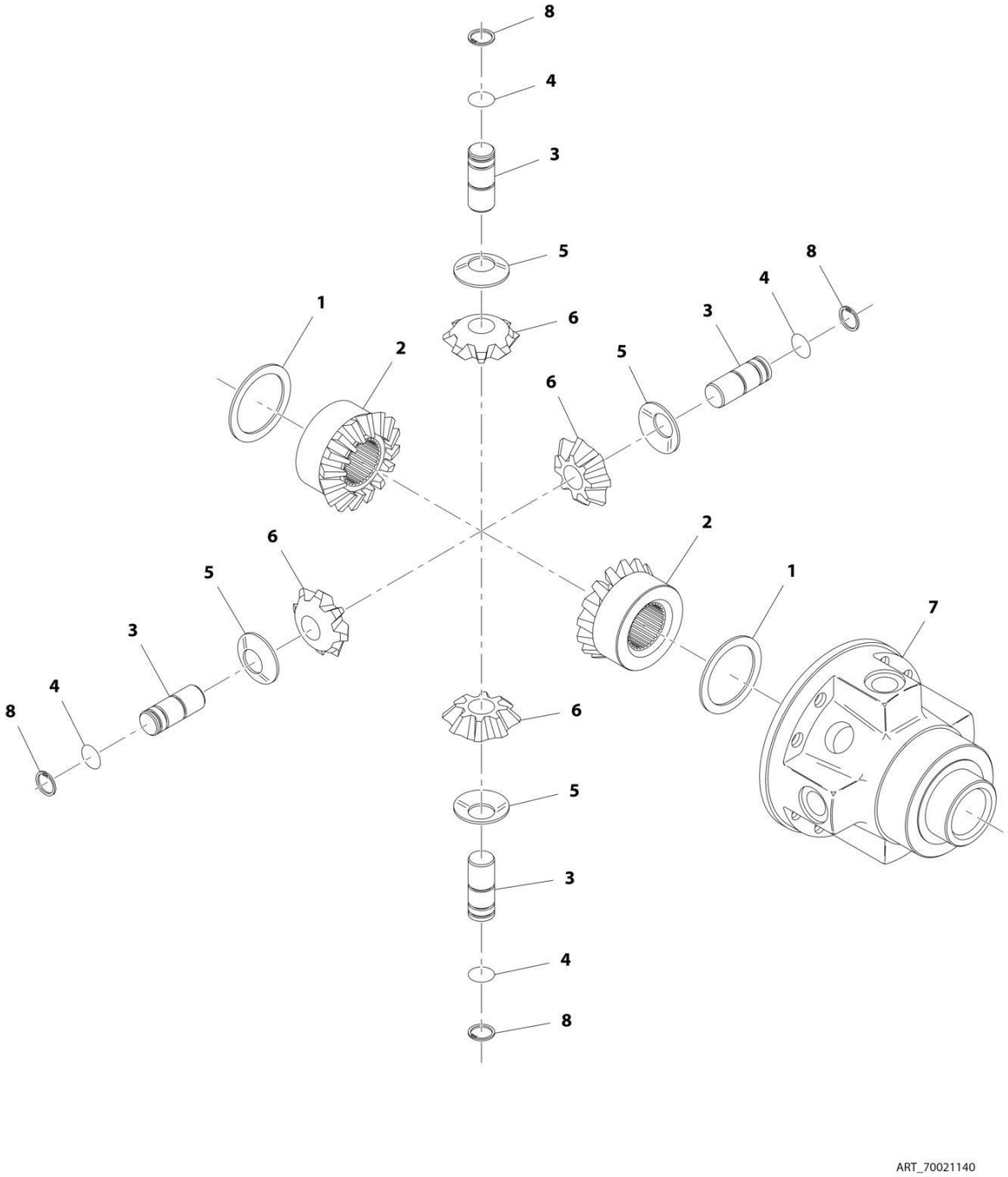


FIGURE 5-80. DIFFERENTIAL KIT (REAR AXLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70021140	Ref	Differential Kit	
1	91474593	2	Washer, Friction	
2	70025569	2	Gear, Differential Side	
3	7029131	4	Pin	
4	91474551	4	Circlip	
5	91474553	4	Washer, Friction	
6	70025570	4	Pinion, Differential	
7	91474595	1	Carrier, Differential	
8	91474550	4	Circlip	

FIGURE 5-81. STEERING ADJUST BOLT KIT

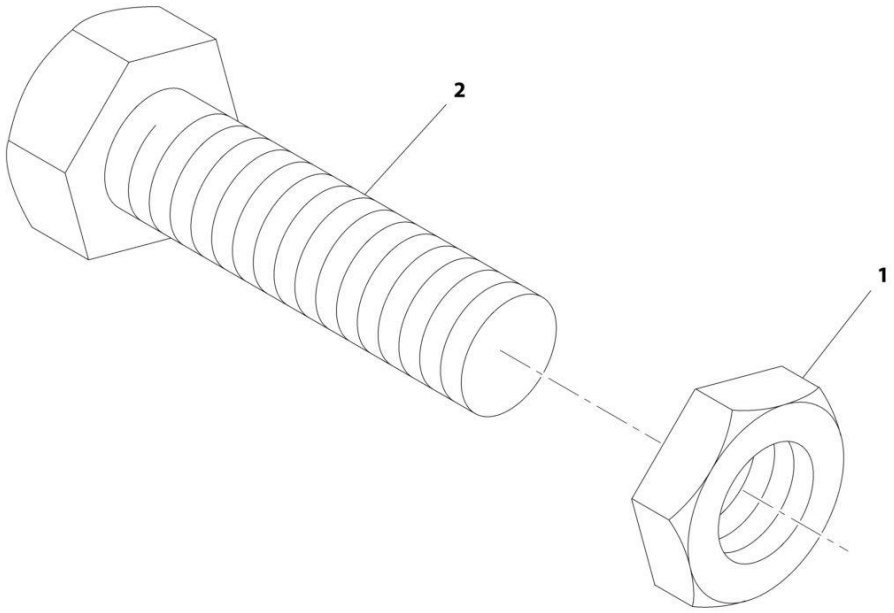


FIGURE 5-81. STEERING ADJUST BOLT KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7028733	Ref	Steering Adjust Bolt Kit	
1	80204065	2	Nut	
2	91514117	2	Bolt	

FIGURE 5-82. TIRE SET - 15.2-25 PNEUMATIC (8042)

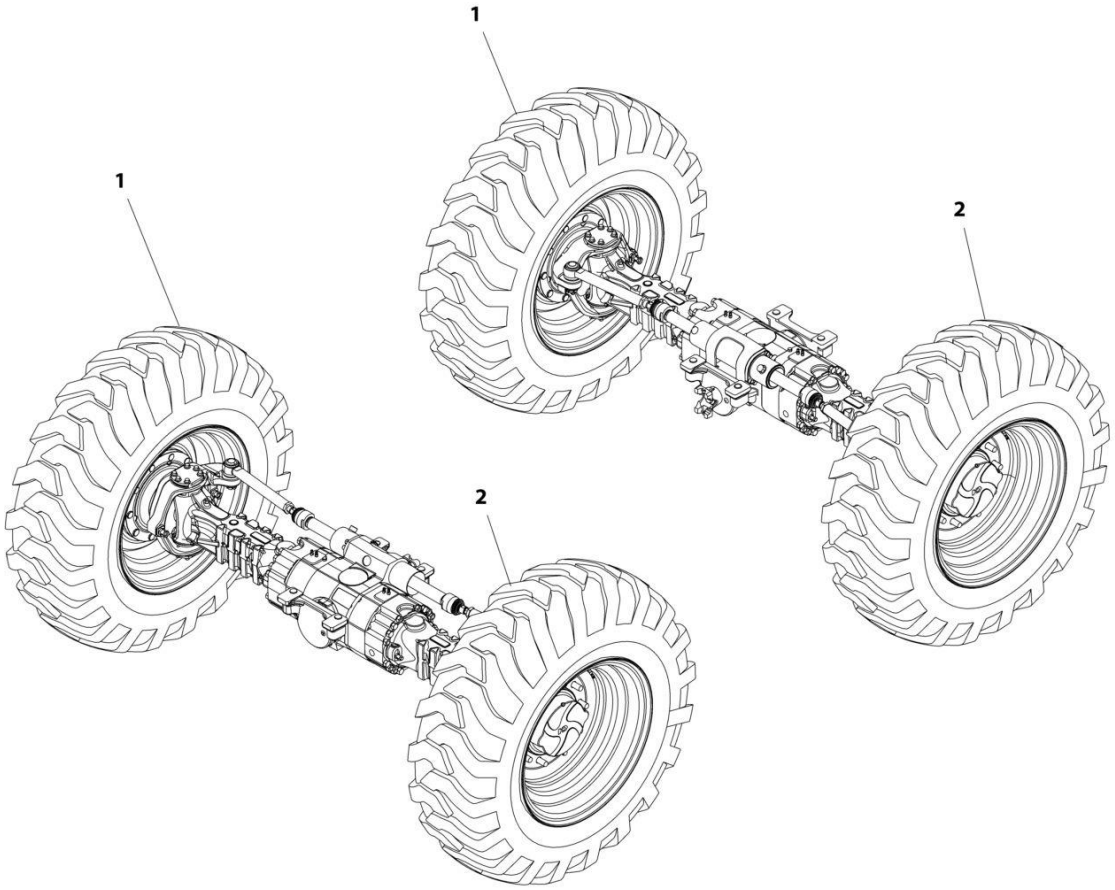
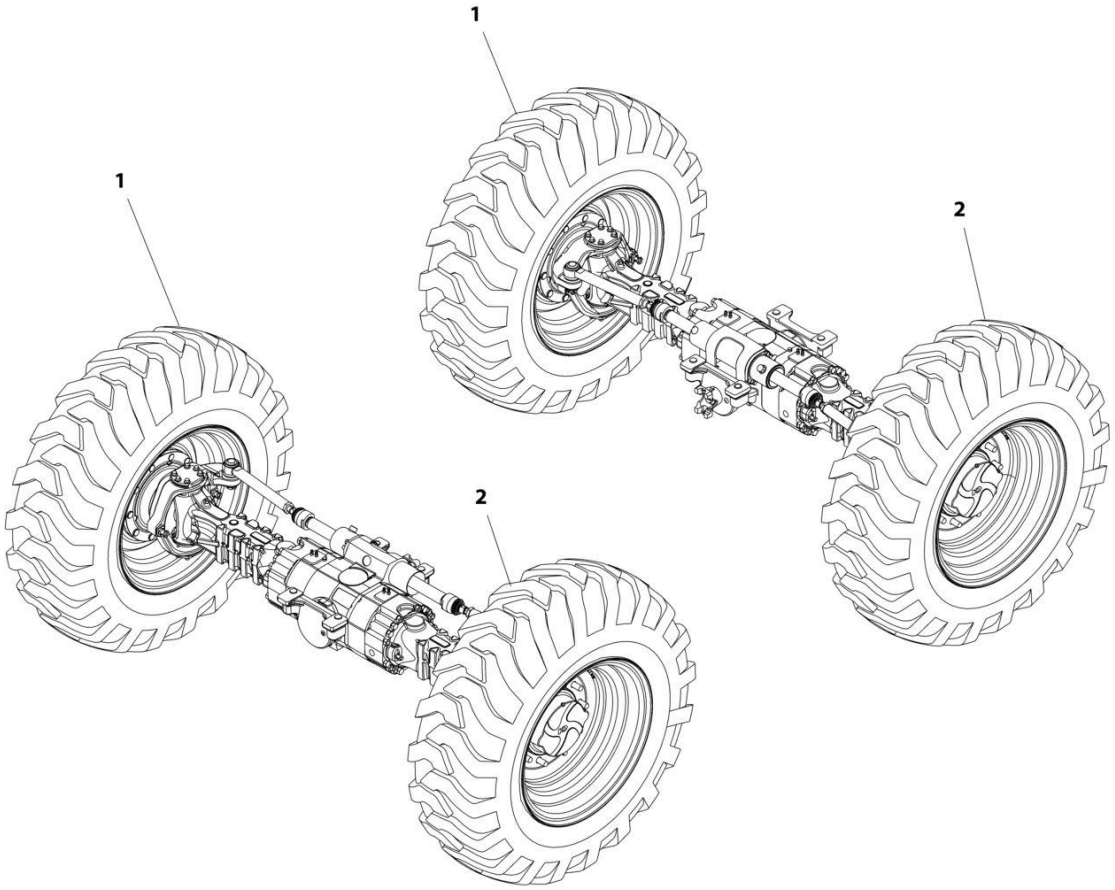


FIGURE 5-82. TIRE SET - 15.2-25 PNEUMATIC (8042)

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

FIGURE 5-83. TIRE SET - 15.2-25 FOAM-FILLED (8042)



ART_1001247760

FIGURE 5-83. TIRE SET - 15.2-25 FOAM-FILLED (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001247760	Ref	TIRE SET, 15.5-25 FOAM-FILLED	A
		Ref	Note: Assemblies require ballast/foam filling to manufacture's specifications prior to installing on machine. Refer to Operation & Safety or Service & Maintenance Manuals.	
		Ref	Purchase individual tire and/or wheel only if able to foam fill tire & wheel assembly, otherwise purchase complete assembly.	
1	1001247517	2	Tire & Wheel Assembly (RH)	
1	8780036	2	Tire 15.5-25 12 Bias Ply (1 per assembly)	
1	8786514	2	Valve, Air (1 per assembly)	
1	1001247465	2	Wheel (1 per assembly)	
2	1001247516	2	Tire & Wheel Assembly (LH)	
2	8780036	2	Tire 15.5-25 12 Bias Ply (1 per assembly)	
2	8786514	2	Valve, Air (1 per assembly)	
2	1001247465	2	Wheel (1 per assembly)	

FIGURE 5-84. TIRE SET - 17.2-25 PNEUMATIC (10042,10054)

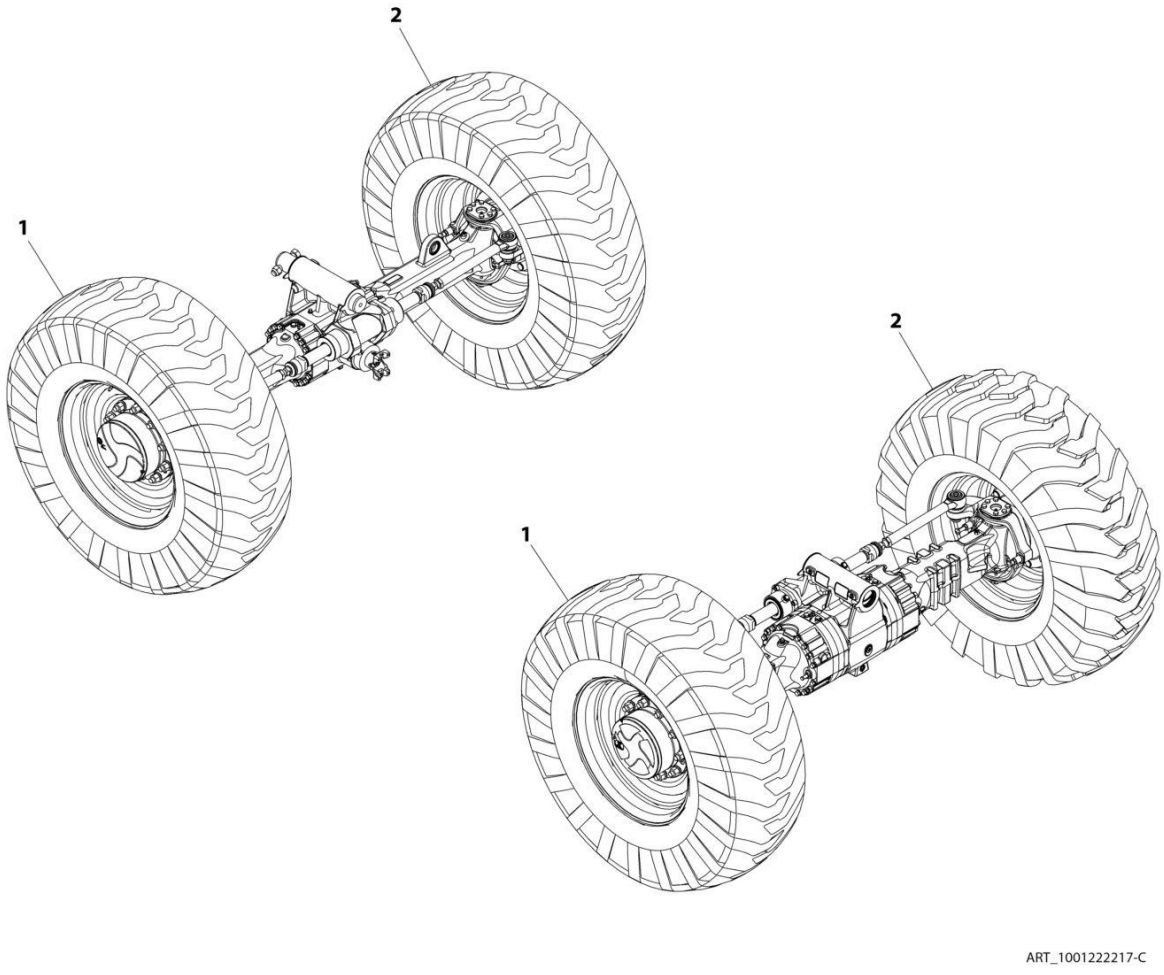


FIGURE 5-84. TIRE SET - 17.2-25 PNEUMATIC (10042,10054)

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 5-85. TIRE SET - 17.2-25 FOAM-FILLED (10042,10054)

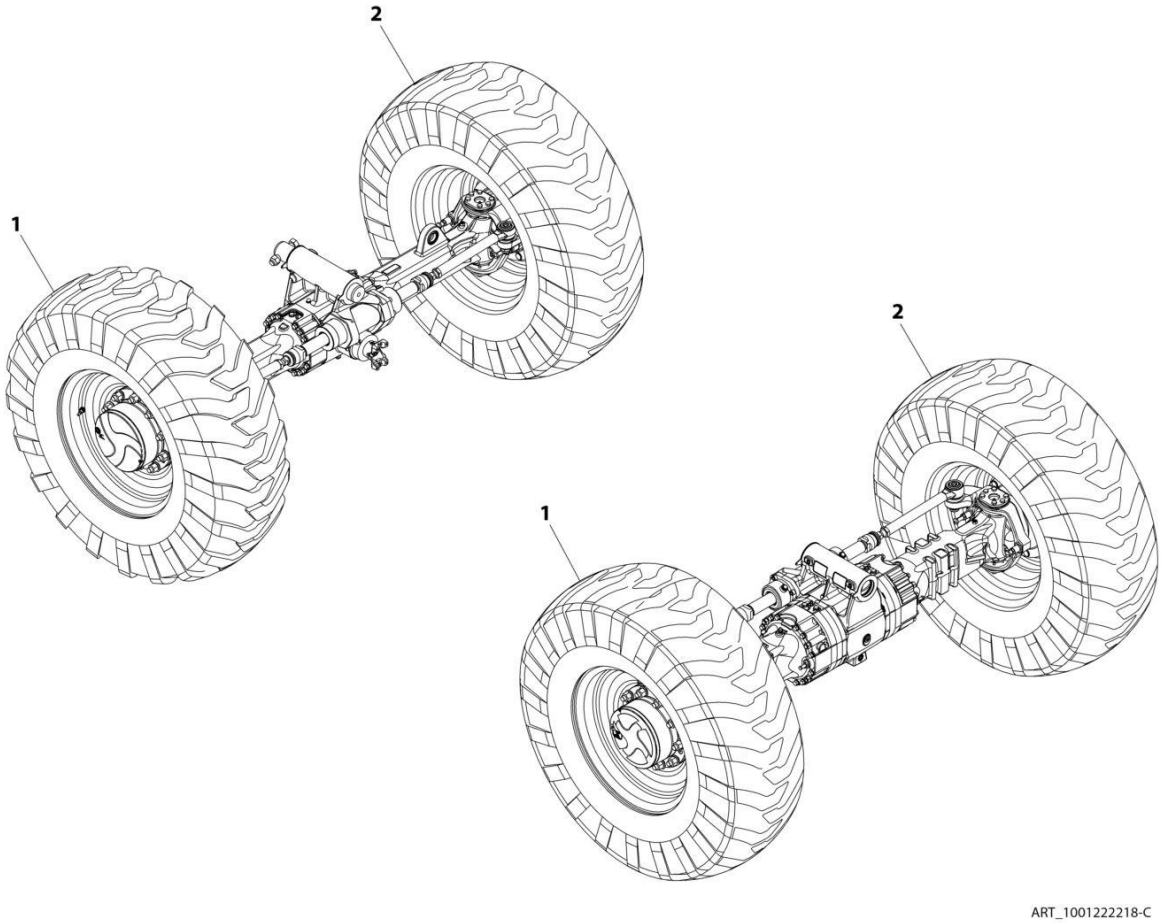


FIGURE 5-85. TIRE SET - 17.2-25 FOAM-FILLED (10042,10054)

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 5-86. TIRE SET - 18 X 625 (TURF AND SAND PNEUMATIC)

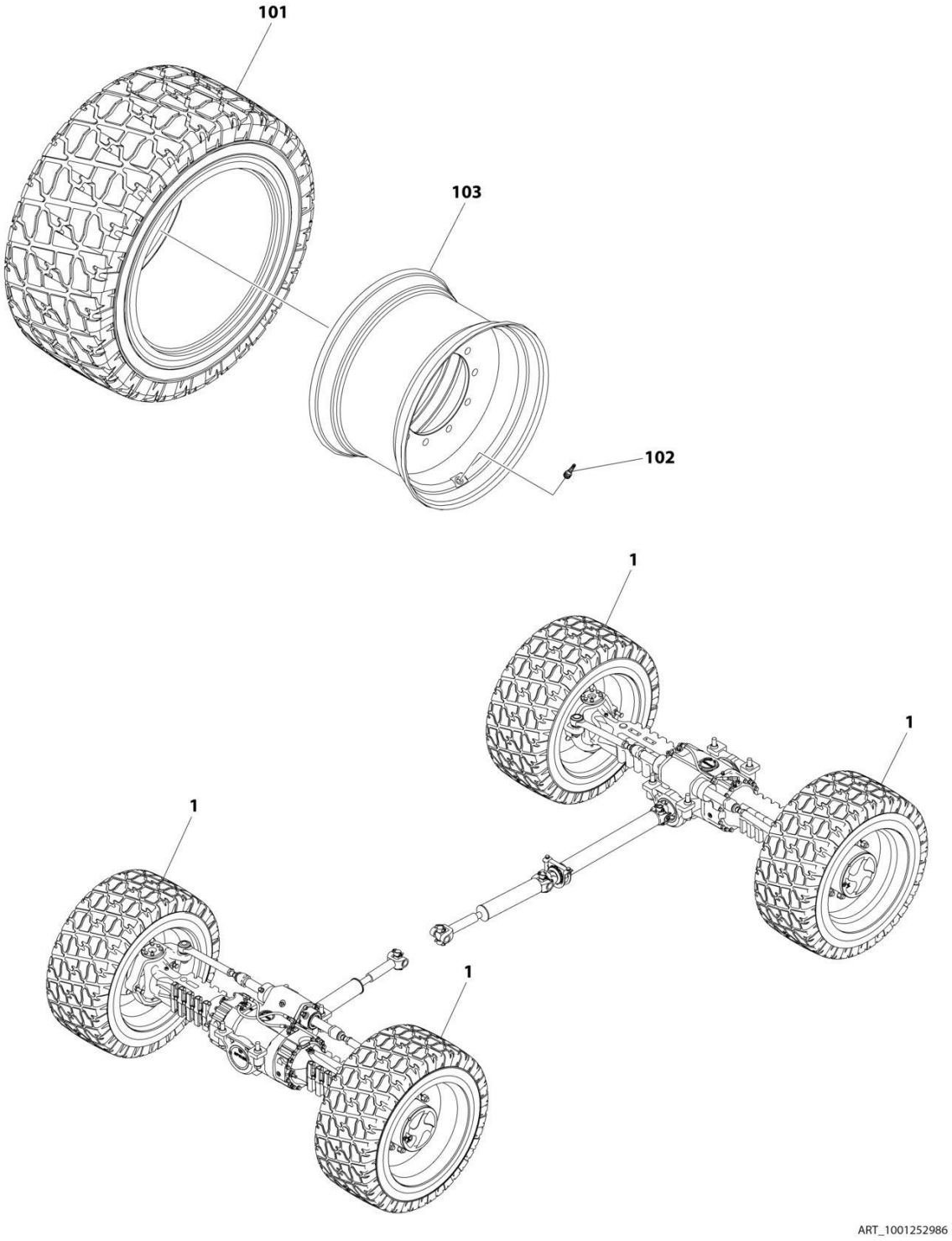


FIGURE 5-86. TIRE SET - 18 X 625 (TURF AND SAND PNEUMATIC)

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 5-87. TIRE SET - 315/95-28 SOLID (8042)

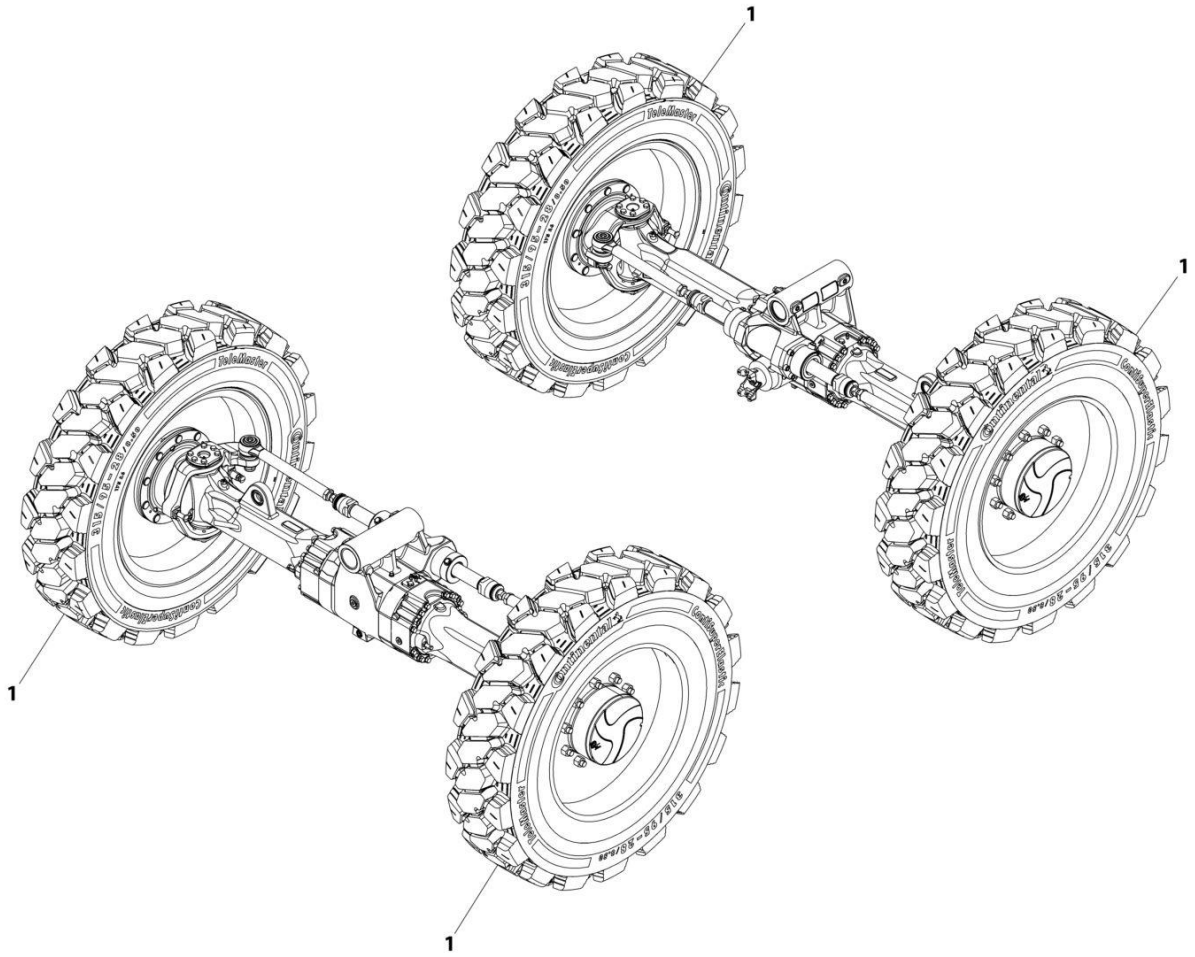


FIGURE 5-87. TIRE SET - 315/95-28 SOLID (8042)

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

FIGURE 5-88. TIRE SET - 360/85-28 SOLID (10042,10054)

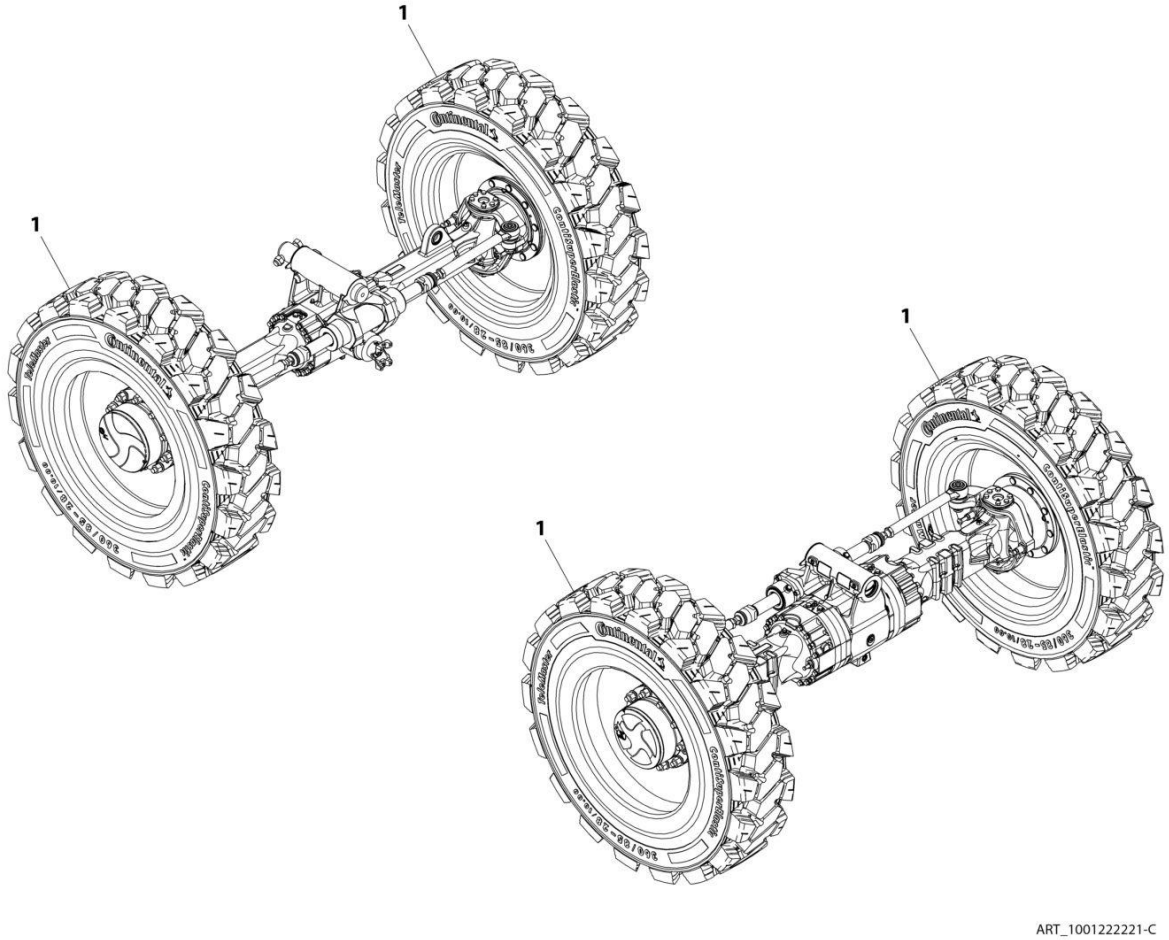


FIGURE 5-88. TIRE SET - 360/85-28 SOLID (10042,10054)

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

FIGURE 5-89. TIRE SET - 370/75-28 PNEUMATIC (8042)

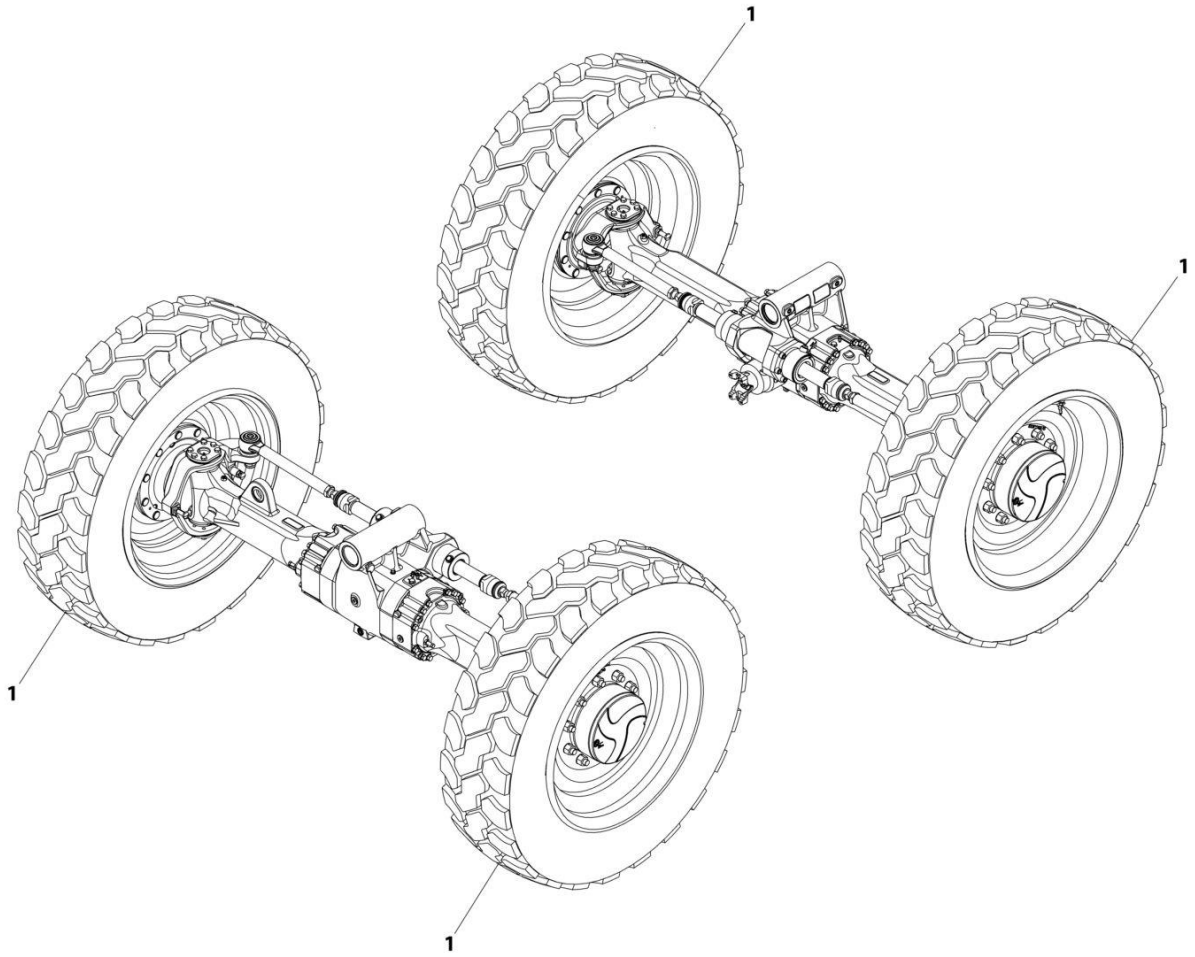


FIGURE 5-89. TIRE SET - 370/75-28 PNEUMATIC (8042)

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

FIGURE 5-90. TIRE SET - 370/75-28 PNEUMATIC NON-MARKING (8042)

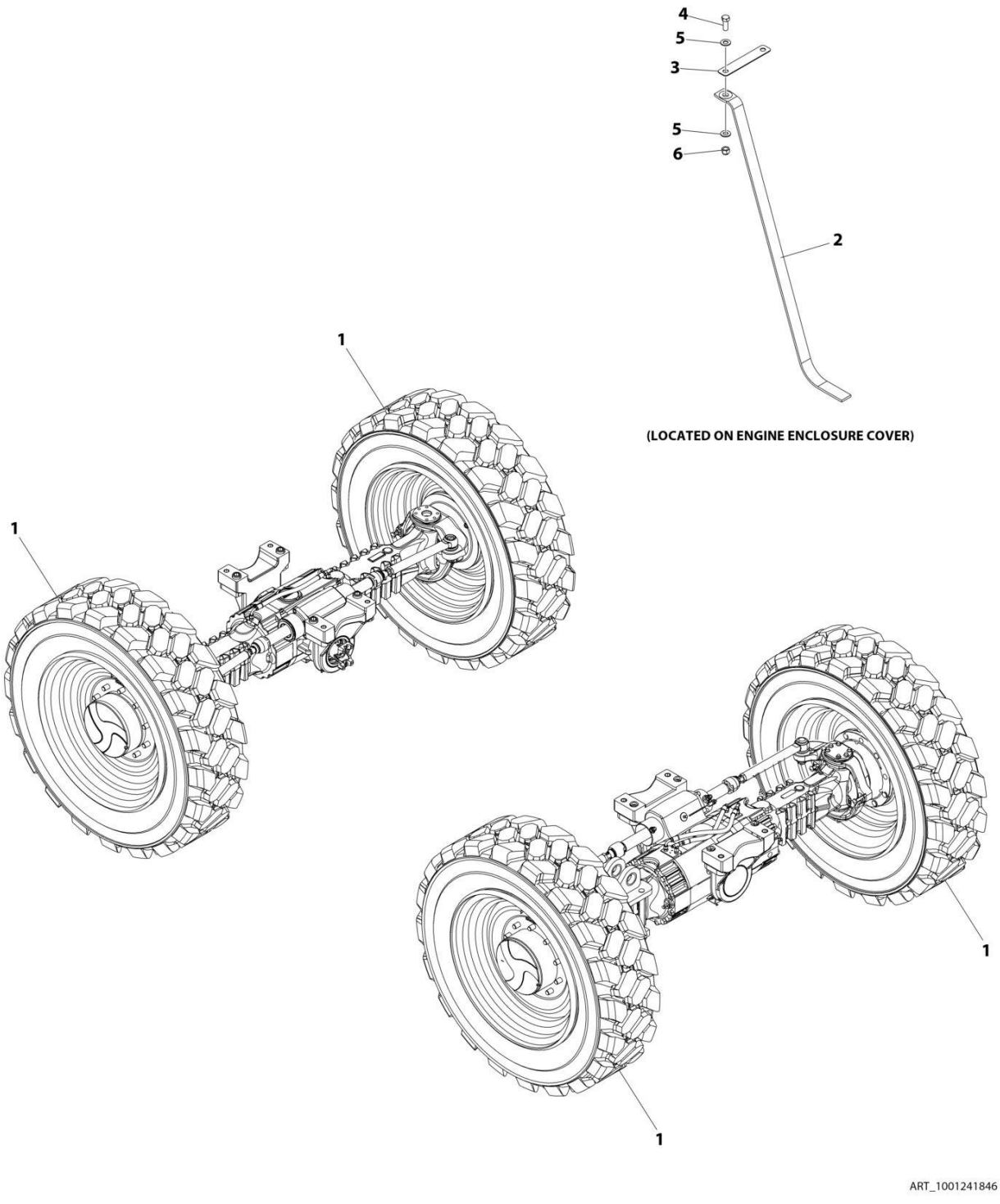


FIGURE 5-90. TIRE SET - 370/75-28 PNEUMATIC NON-MARKING (8042)

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

FIGURE 5-91. TIRE SET - 370/75-28 FOAM-FILLED (8042)

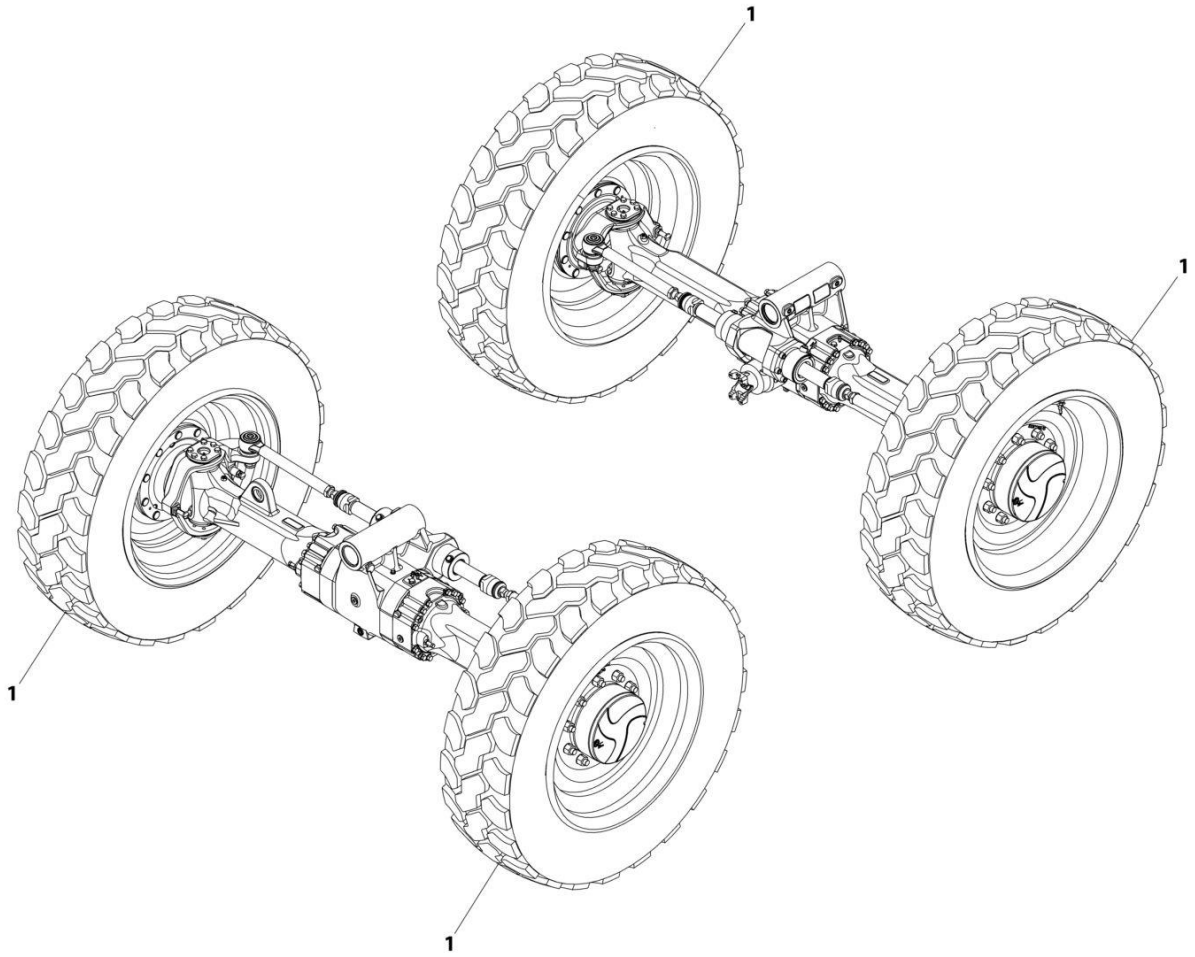


FIGURE 5-91. TIRE SET - 370/75-28 FOAM-FILLED (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222215	Ref	Tire Set - 370/75-28 Foam	A
		Ref	**Note: Assemblies require ballast/foam filling to manufacture's specifications prior to installing on machine. Refer to Operation & Safety or Service & Maintenance Manuals.**	
		Ref	**Purchase individual tire and/or wheel only if able to foam fill tire & wheel assembly, otherwise purchase complete assembly.**	
1	1001121101	4	Tire and Wheel Assembly (See Separate Breakdown in this Section)	
1	8786514	1	Valve, Air (1 per assembly)	
1	1001099976	1	Wheel (1 per assembly)	
1	1001100284	1	Tire 370/75-28 (1 per assembly)	

FIGURE 5-92. TIRE SET - 370/75-28 FOAM-FILLED NON-MARKING (8042)

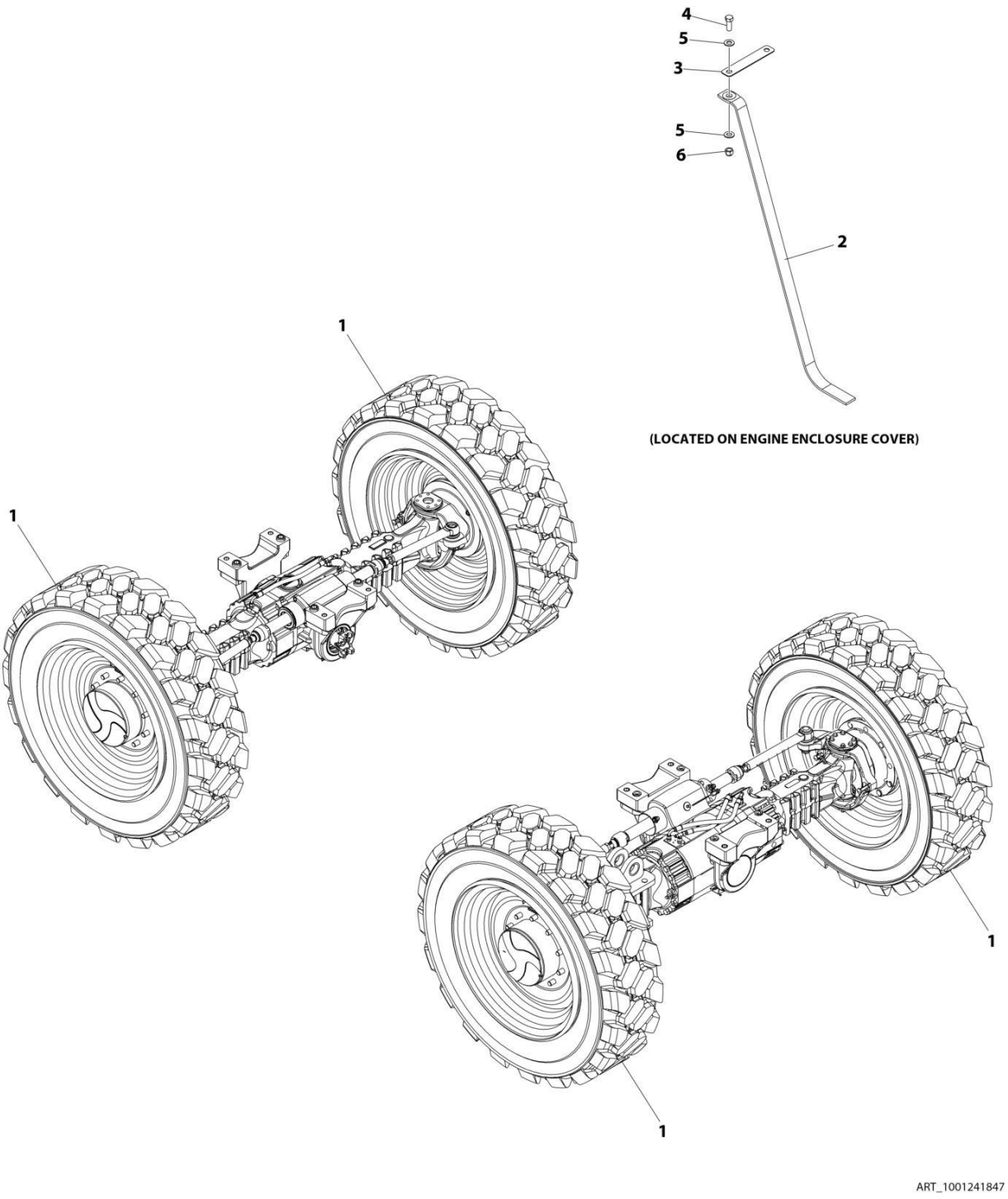


FIGURE 5-92. TIRE SET - 370/75-28 FOAM-FILLED NON-MARKING (8042)

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

FIGURE 5-93. TIRE SET - 400/75-28 PNEUMATIC (10042,10054)

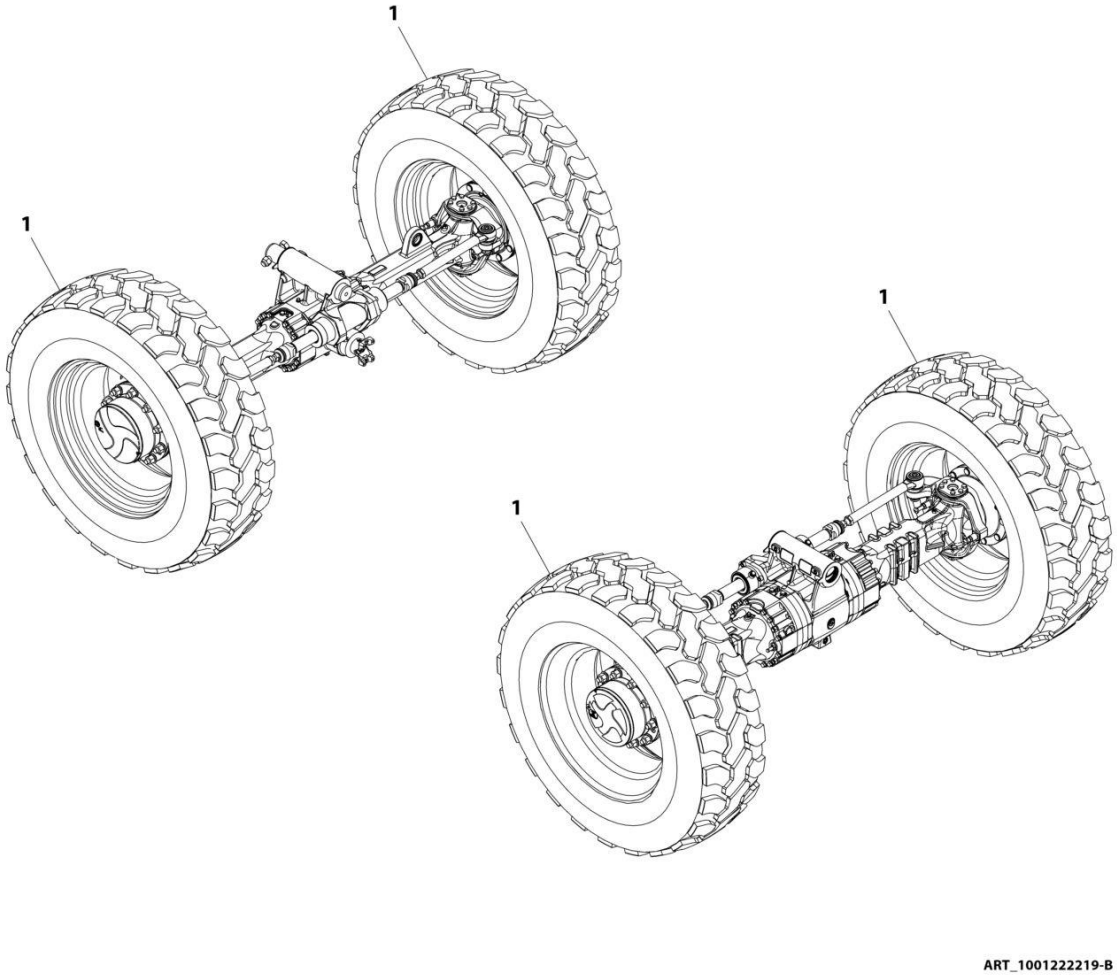


FIGURE 5-93. TIRE SET - 400/75-28 PNEUMATIC (10042,10054)

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 5-94. TIRE SET - 400/75-28 PNEUMATIC NON-MARKING (10042,10054)

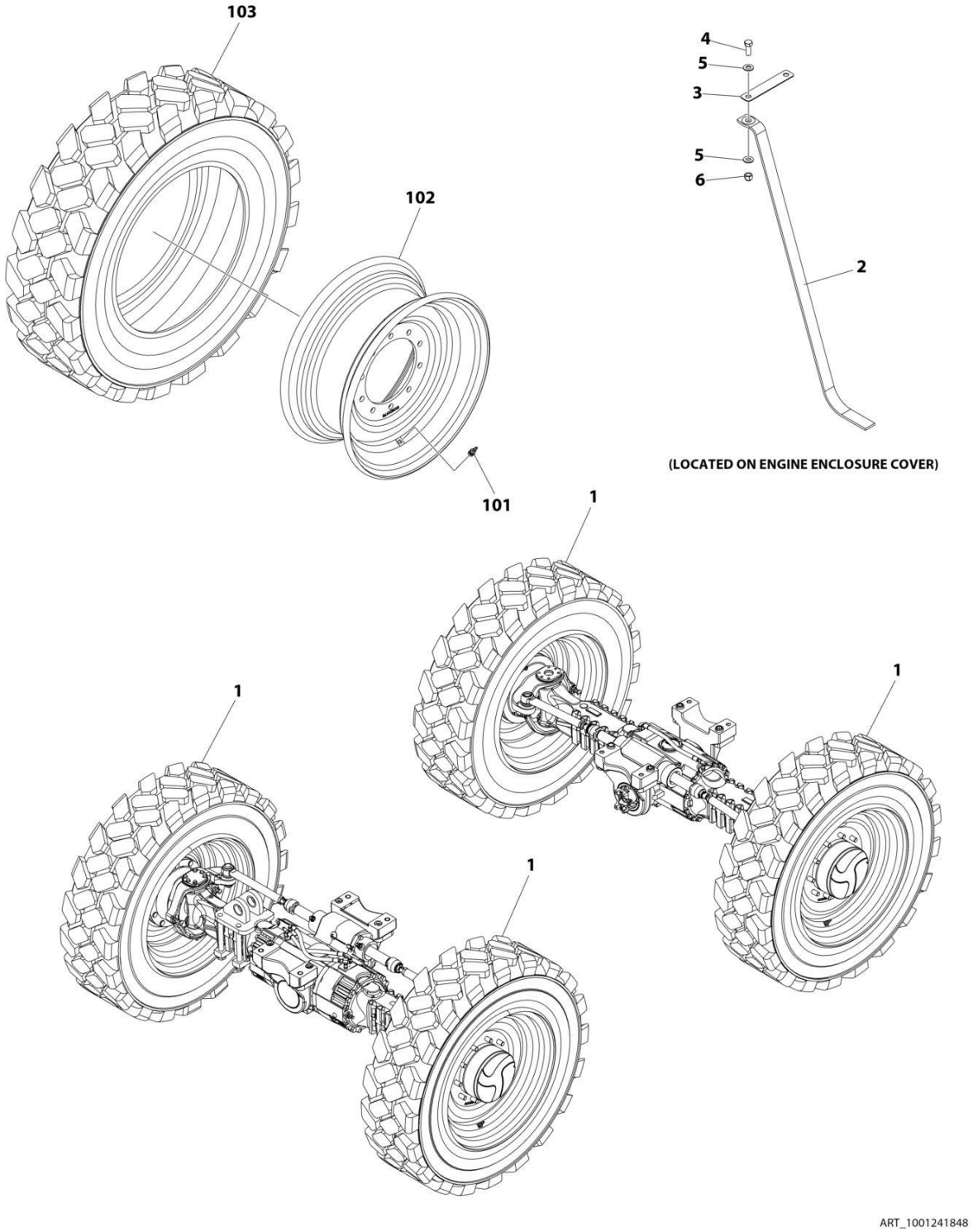


FIGURE 5-94. TIRE SET - 400/75-28 PNEUMATIC NON-MARKING (10042,10054)

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 5-95. TIRE SET - 400/75-28 FOAM-FILLED (10042,10054)

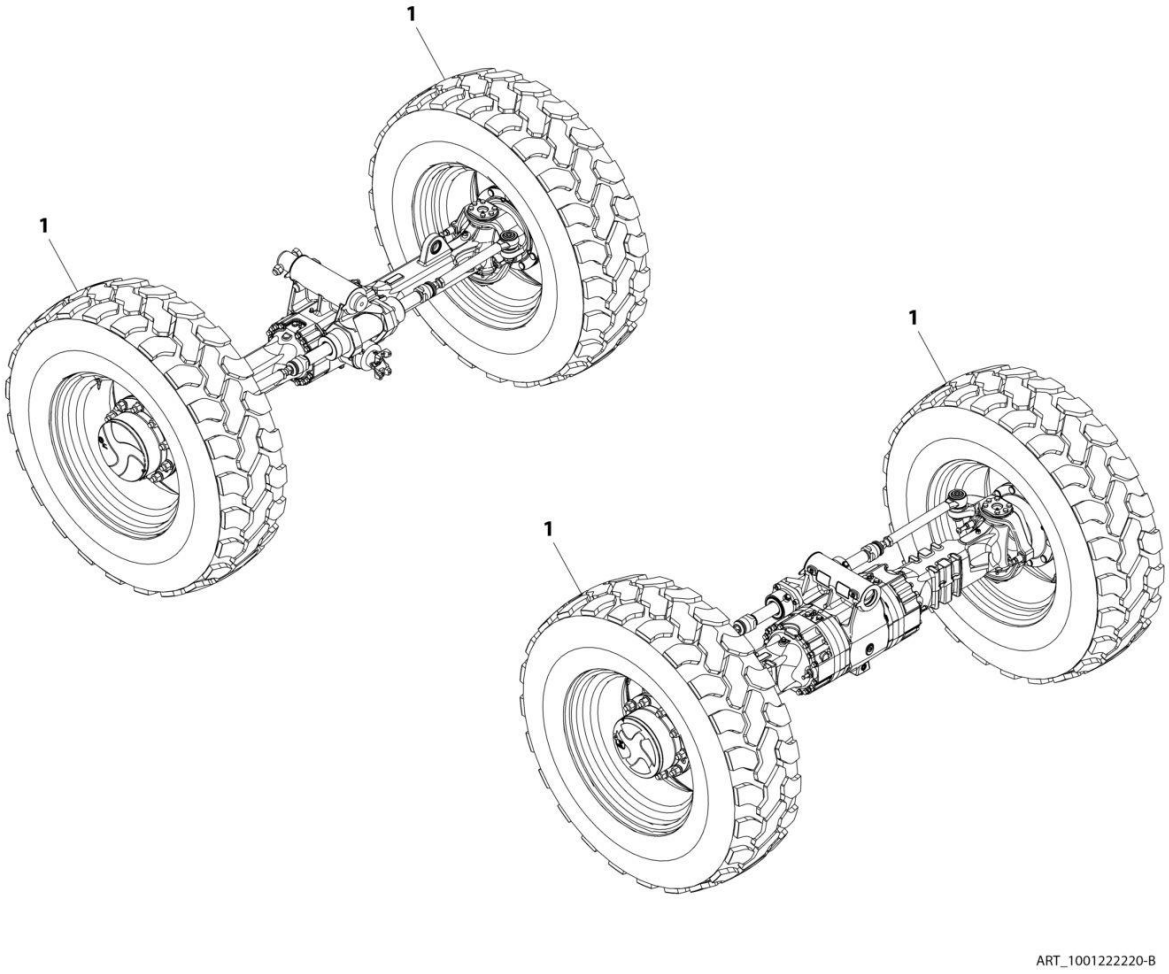


FIGURE 5-95. TIRE SET - 400/75-28 FOAM-FILLED (10042,10054)

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 5-96. TIRE SET - 400/75-28 FOAM-FILLED NON-MARKING (10042,10054)

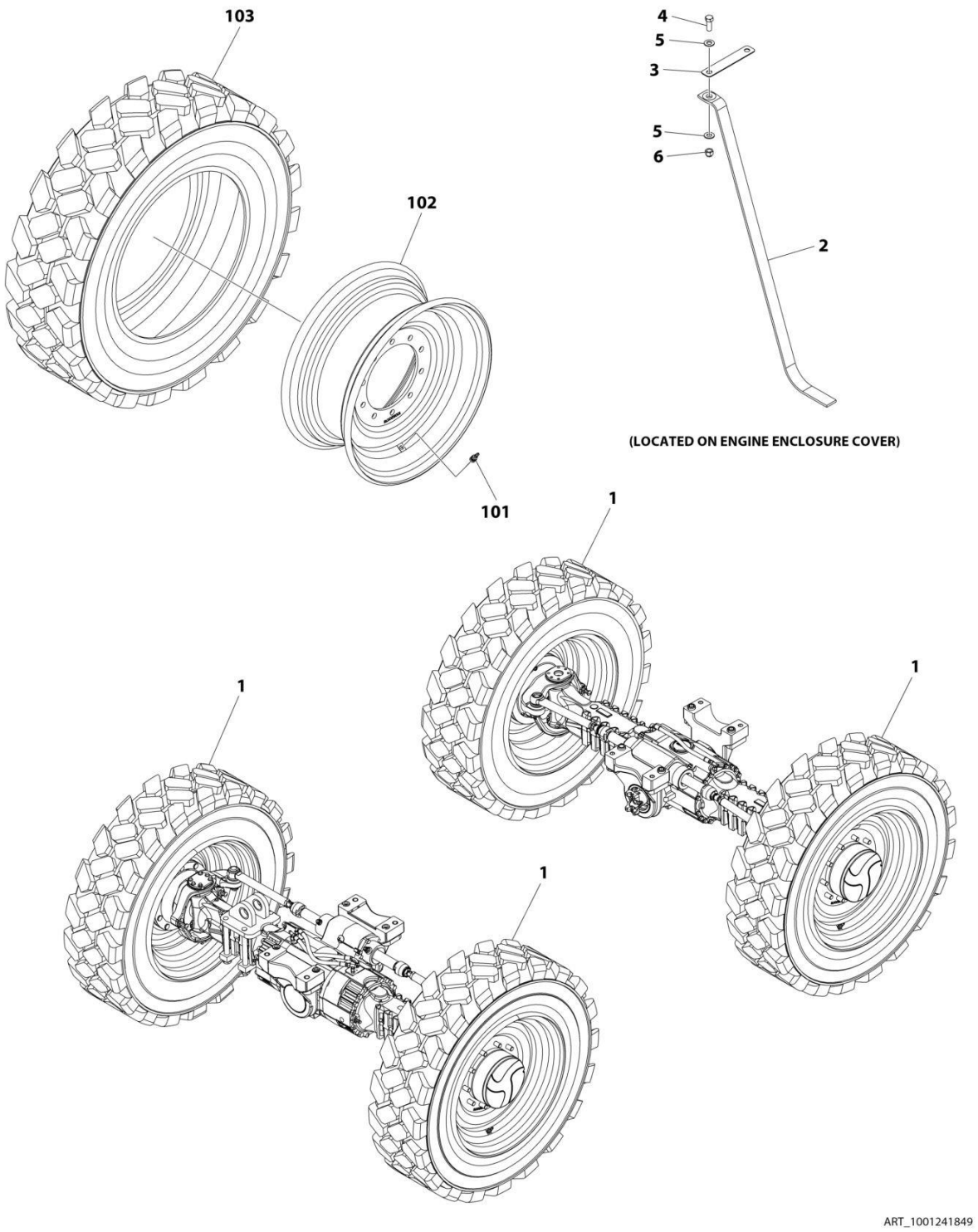


FIGURE 5-96. TIRE SET - 400/75-28 FOAM-FILLED NON-MARKING (10042,10054)

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 5-97. TIRE AND WHEEL ASSEMBLY

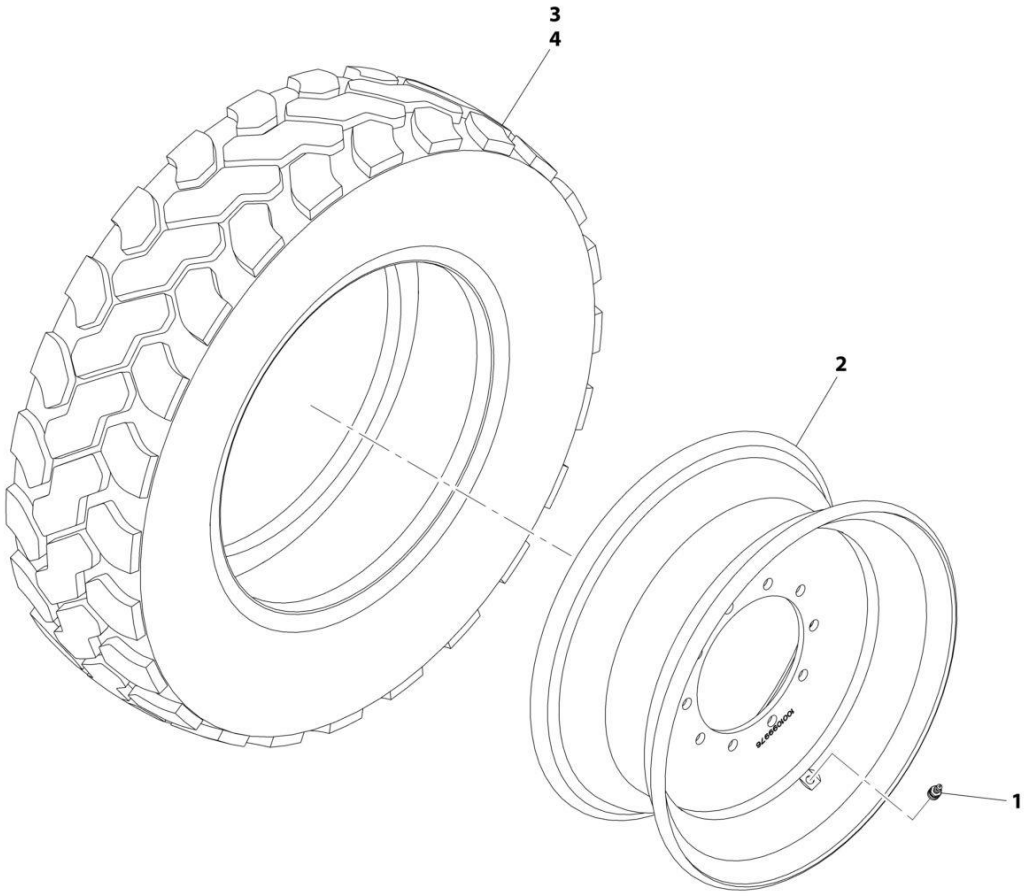


FIGURE 5-97. TIRE AND WHEEL ASSEMBLY

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

SECTION 6 - CAB

FIGURE 6-1. CAB MOUNTING HARDWARE INSTALLATION

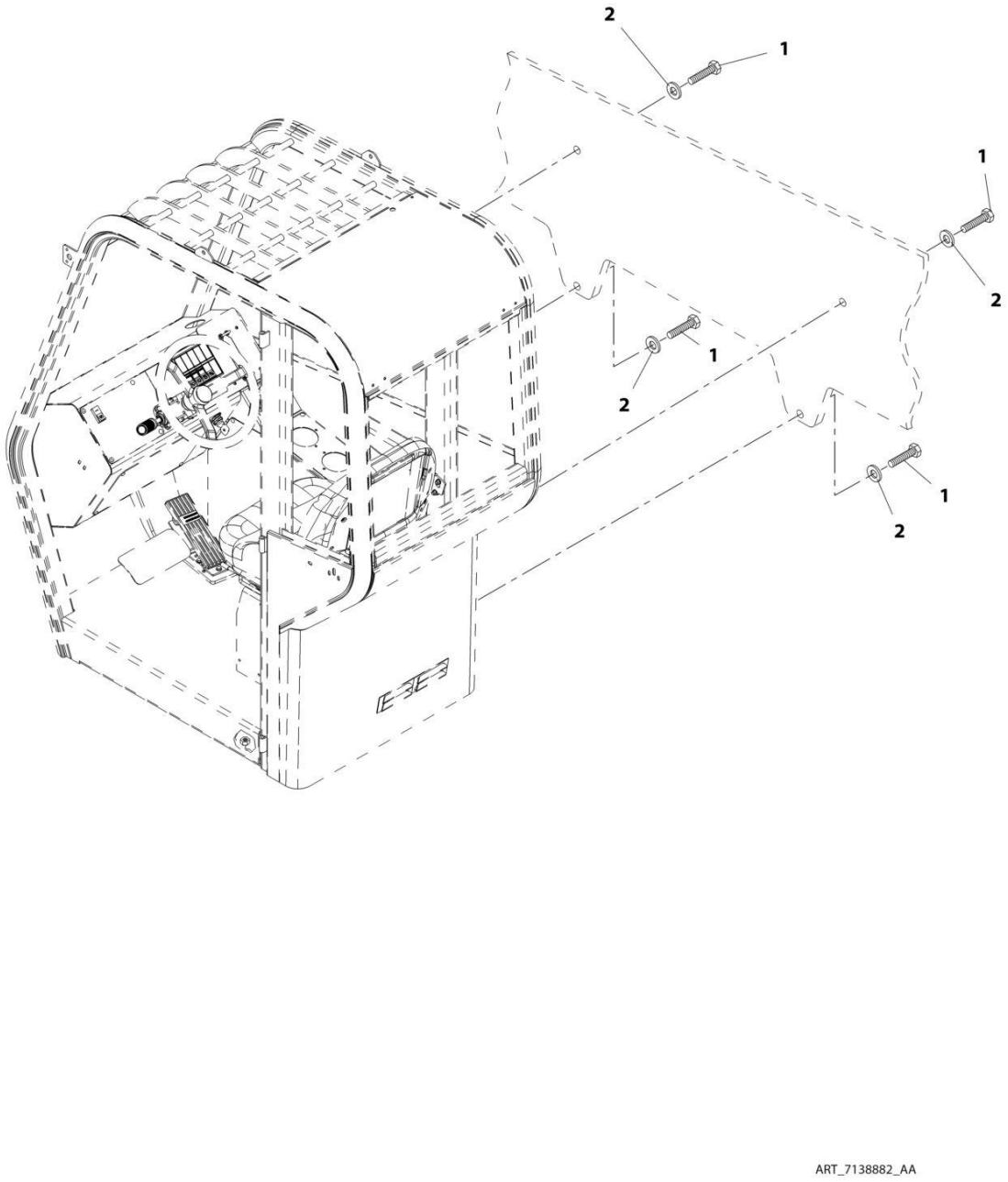
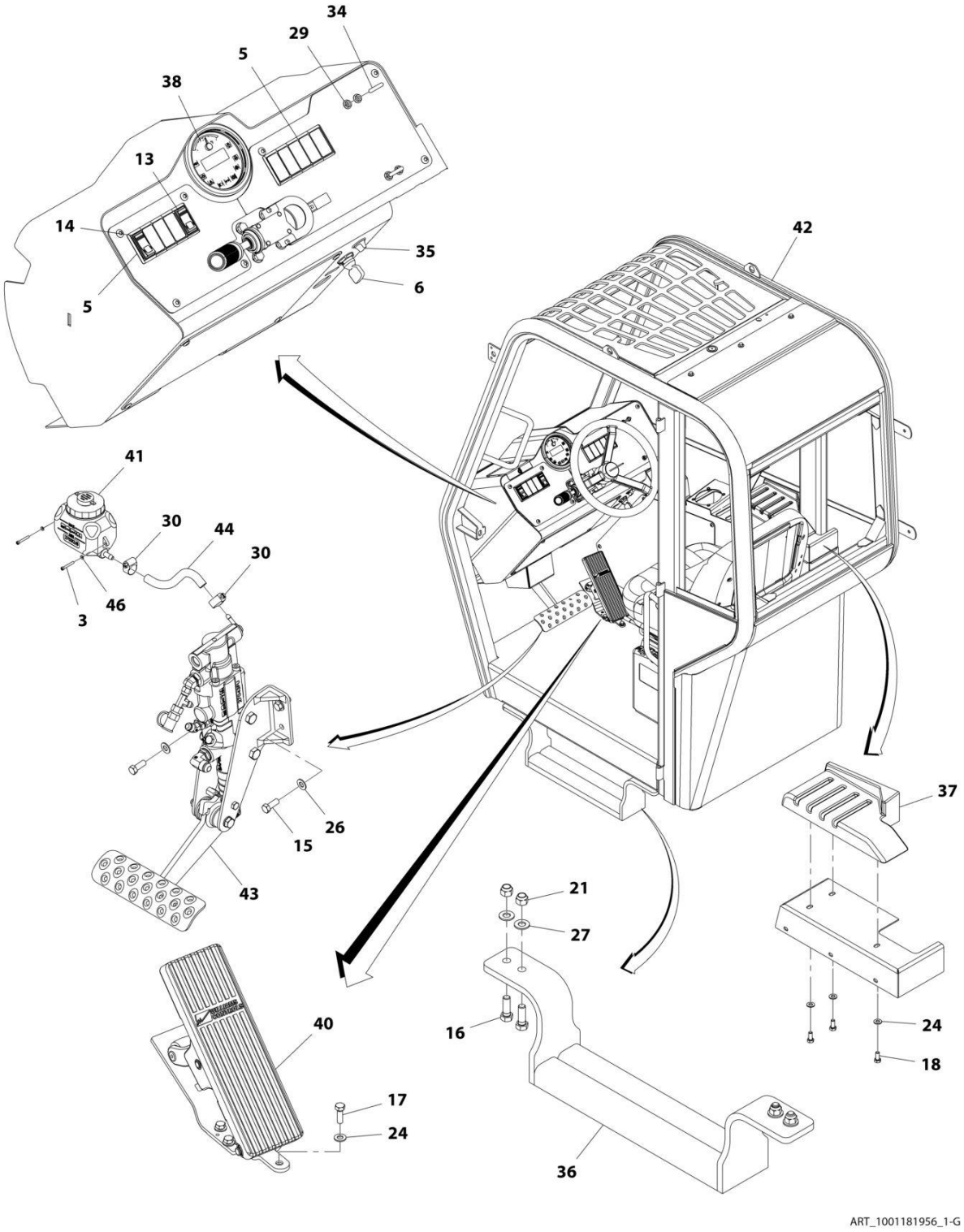


FIGURE 6-1. CAB MOUNTING HARDWARE INSTALLATION

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 (PCV1911)



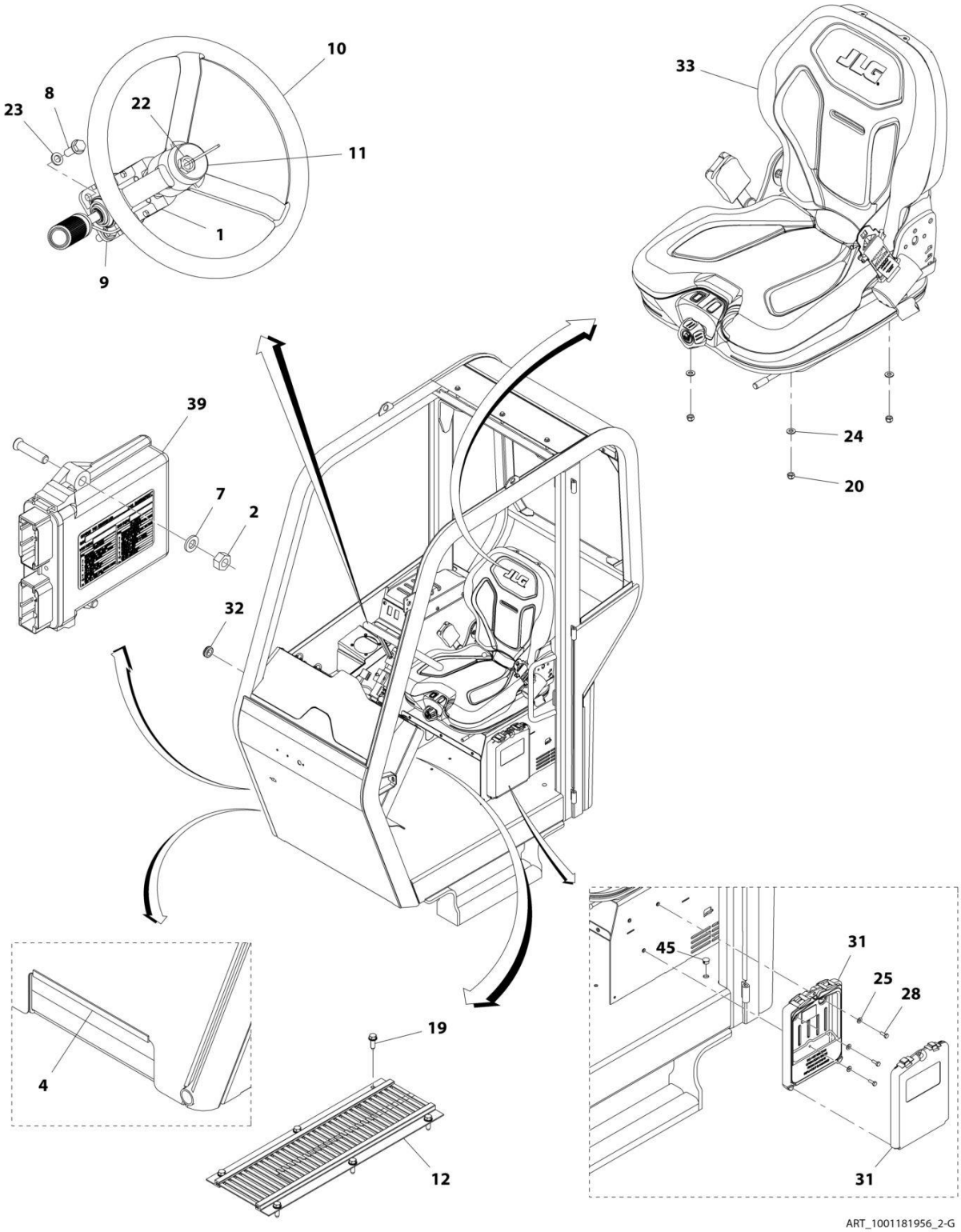
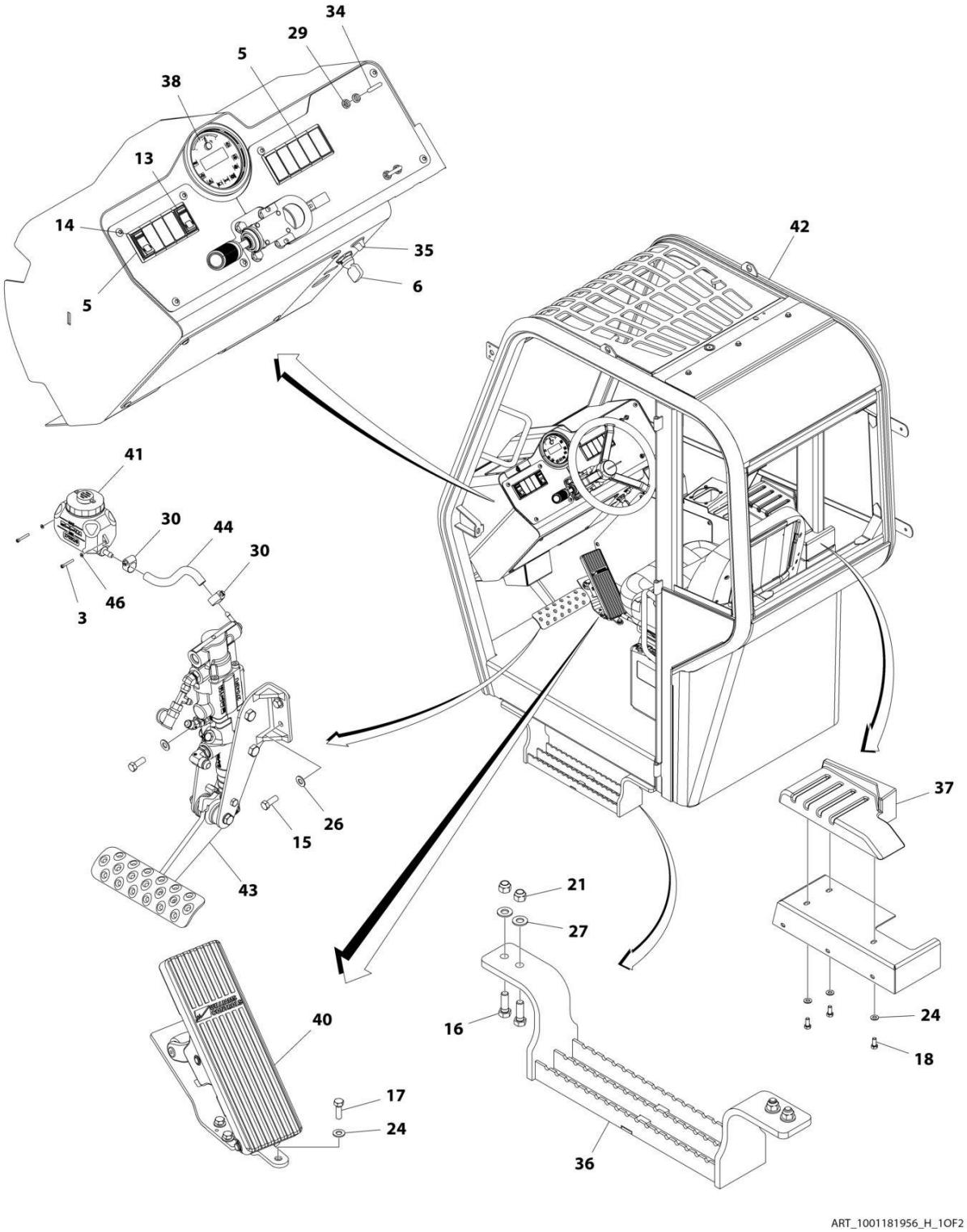

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FIGURE 6-2. CAB INSTALLATION - OPEN (PVC1911)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181956	Ref	Open Cab Installation	G
1	1600429	1	Selector, Transmission Control	
2	3311401	2	Nut, 1/4	
3	3930610	2	Bolt, #6X5/8	
4	4060806	11 in	Flex-Trim	
5	4360569	2	Switch, Bezel	
6	4360690	1	Switch, Ignition	
6	8035807	1	Key (with cover)	
7	4761400	2	Washer, Lock 1/4	
8	5251014	4	Bolt, M10X30	
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, 3/8X1	
16	8303626	4	Bolt, 1/2X1-1/2	
17	8303670	4	Bolt, 5/16X1	
18	8303697	3	Bolt, 5/16X3/4	
19	8303982	6	Screw 1/4X3/4	
20	8305626	4	Nut 5/16	
21	8305644	4	Nut, Lock 1/2-13	
22	8305916	1	Nut, Steering Column	
23	8307023	4	Washer, Lock M10	
24	8307106	11	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, 1/4X3/4	
29	8310382	8	Nut 1/4	
30	1320022	2	Clamp, Fuel Line	
31	8990147	1	Holder, Manual	
32	1001081049	1	Grommet, Split	
33	1001190229	1	Seat, Cab (See Separate Breakdown in this Section)	
34	1001102844	2	Bolt, U 1/4-20X1-1/4	
35	1001114867	1	Socket, 12V Power Point	
36	1001141427	1	Mount, Cab Step	
37	1001159878	1	Support, Armrest	
38	1001170738	1	Gauge	
39	1001210703	1	Controller	
40	1001180555	1	Accelerator (See Separate Breakdown in CONTROLS Section)	
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	

FIGURE 6-3. CAB INSTALLATION - OPEN (PVC2005)



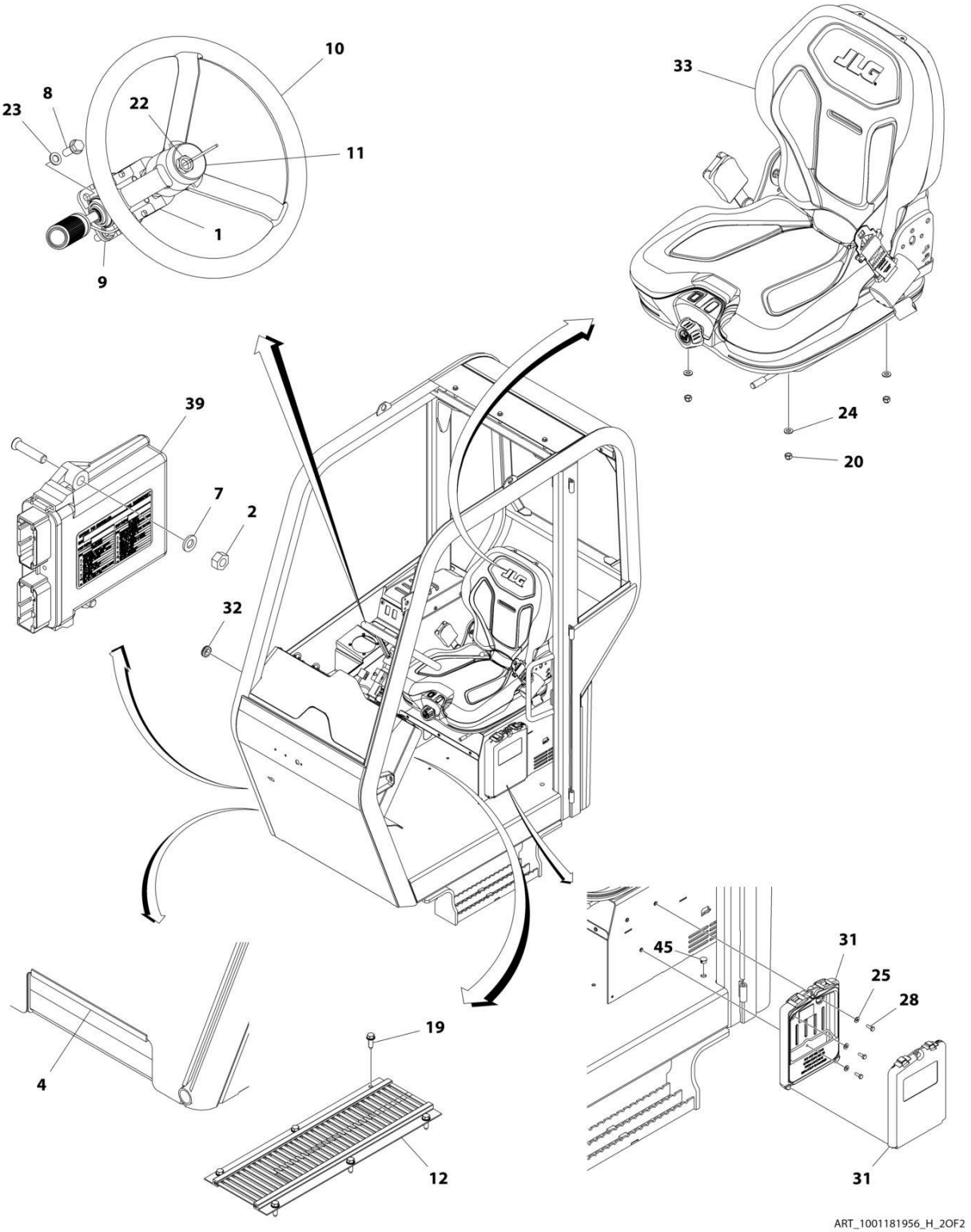

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FIGURE 6-3. CAB INSTALLATION - OPEN (PVC2005)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181956	Ref	Open Cab Installation	H
1	1600429	1	Selector, Transmission Control	
2	3311401	2	Nut, 1/4	
3	3930610	2	Bolt, #6X5/8	
4	4060806	11 in	Flex-Trim	
5	4360569	2	Switch, Bezel	
6	4360690	1	Switch, Ignition	
6	8035807	1	Key (with cover)	
7	4761400	2	Washer, Lock 1/4	
8	5251014	4	Bolt, M10X30	
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, 3/8X1	
16	8303626	4	Bolt, 1/2X1-1/2	
17	8303670	4	Bolt, 5/16X1	
18	8303697	3	Bolt, 5/16X3/4	
19	8303982	6	Screw 1/4X3/4	
20	8305626	4	Nut 5/16	
21	8305644	4	Nut, Lock 1/2-13	
22	8305916	1	Nut, Steering Column	
23	8307023	4	Washer, Lock M10	
24	8307106	11	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, 1/4X3/4	
29	8310382	8	Nut 1/4	
30	1320022	2	Clamp, Fuel Line	
31	8990147	1	Holder, Manual	
32	1001081049	1	Grommet, Split	
33	1001190229	1	Seat, Cab (See Separate Breakdown in this Section)	
34	1001102844	2	Bolt, U 1/4-20X1-1/4	
35	1001114867	1	Socket, 12V Power Point	
36	1001256519	1	Mount, Cab Step	
37	1001159878	1	Support, Armrest	
38	1001170738	1	Gauge	
39	1001210703	1	Controller	
40	1001180555	1	Accelerator (See Separate Breakdown in CONTROLS Section)	
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	

FIGURE 6-4. CAB ASSEMBLY - OPEN

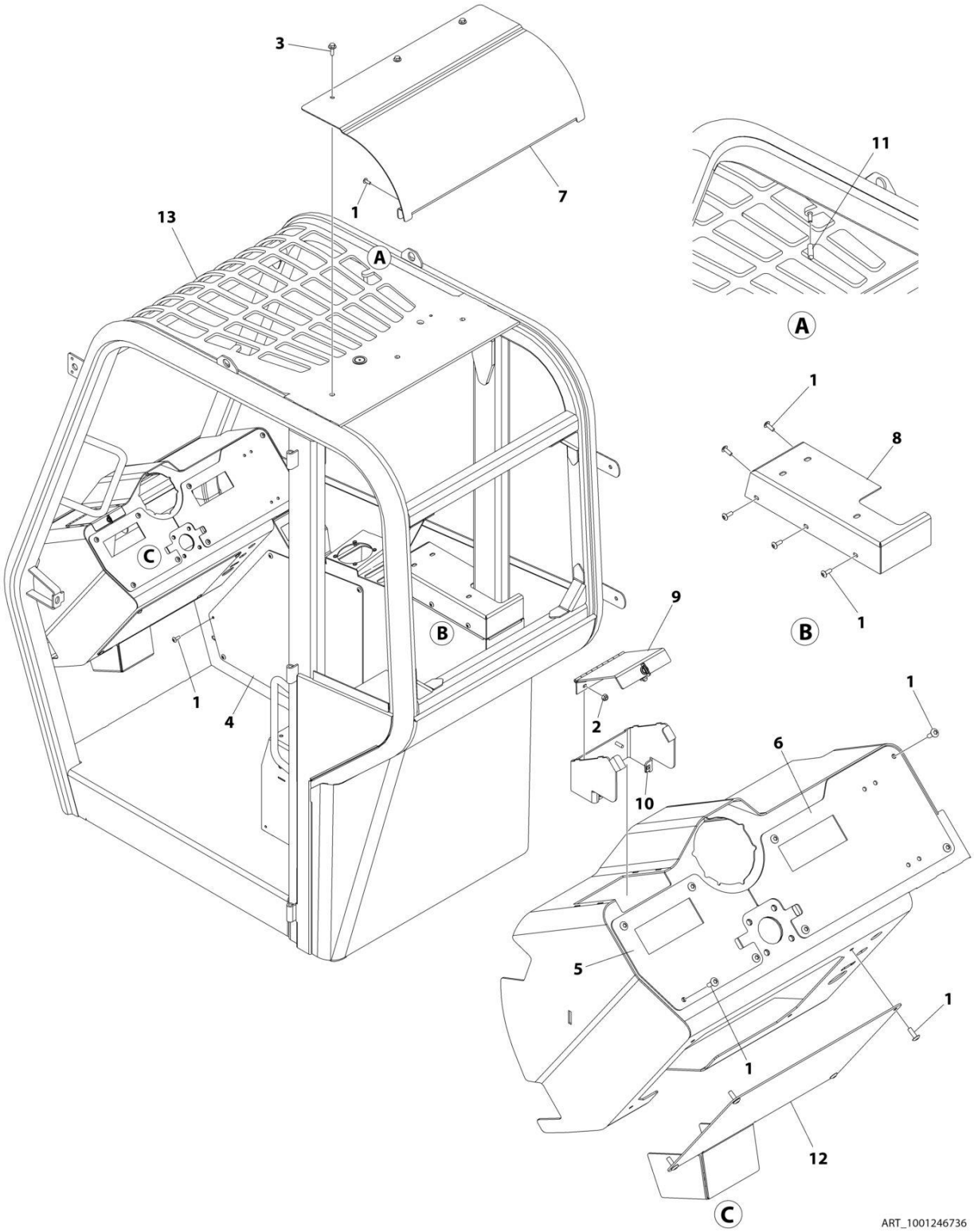
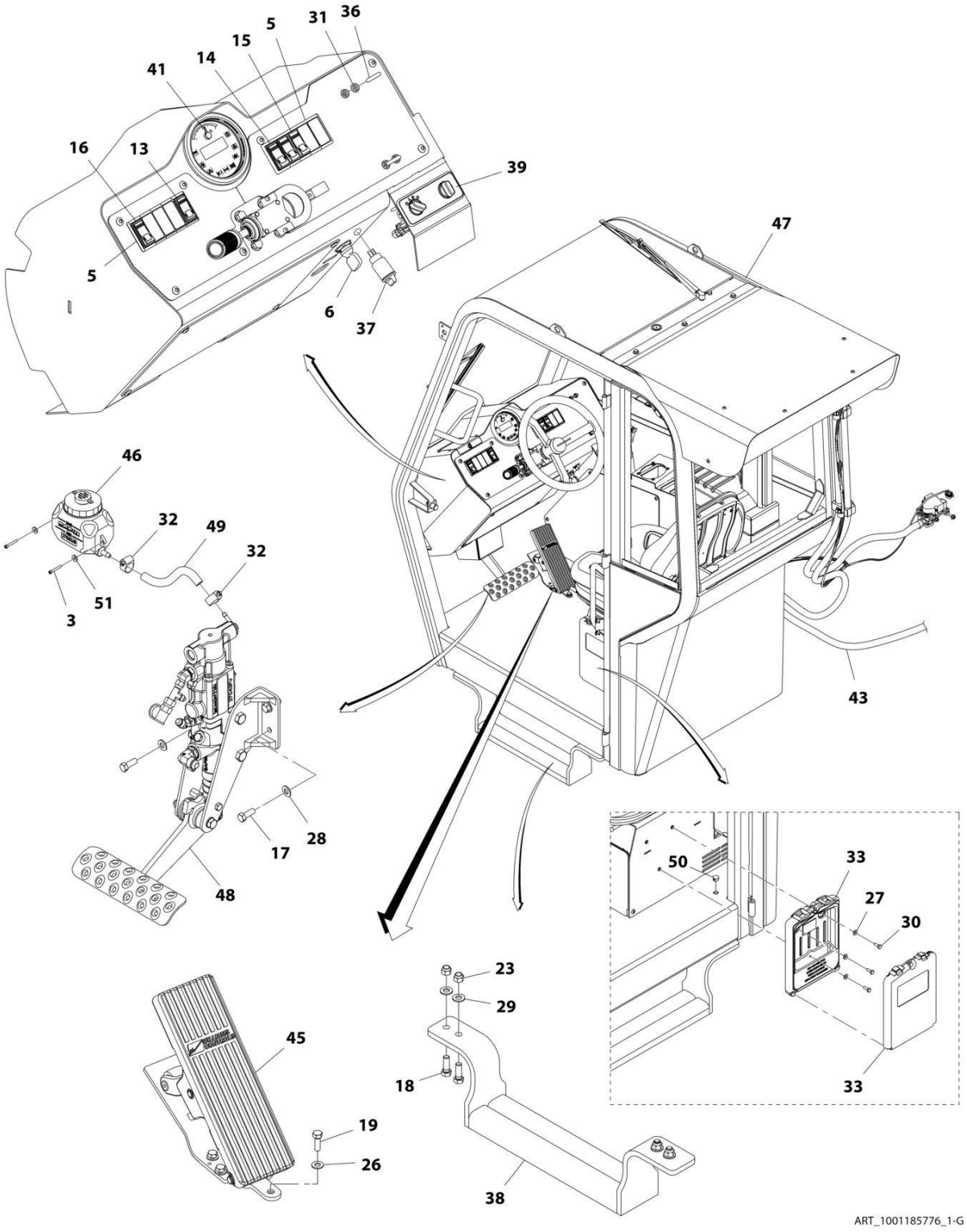


FIGURE 6-4. CAB ASSEMBLY - OPEN

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 INSTALLATION - ENCLOSED WITH HEATER (PVC1911)



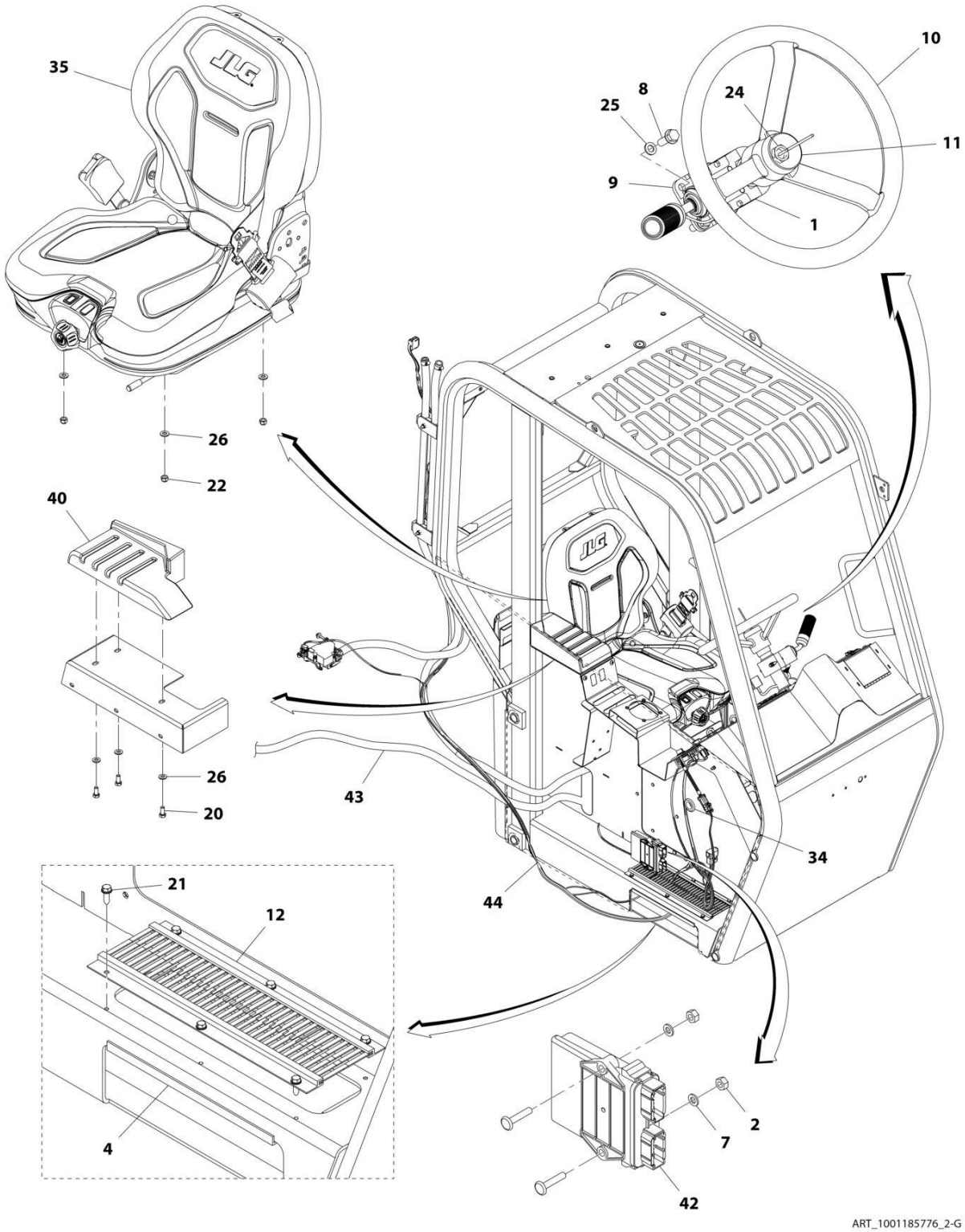
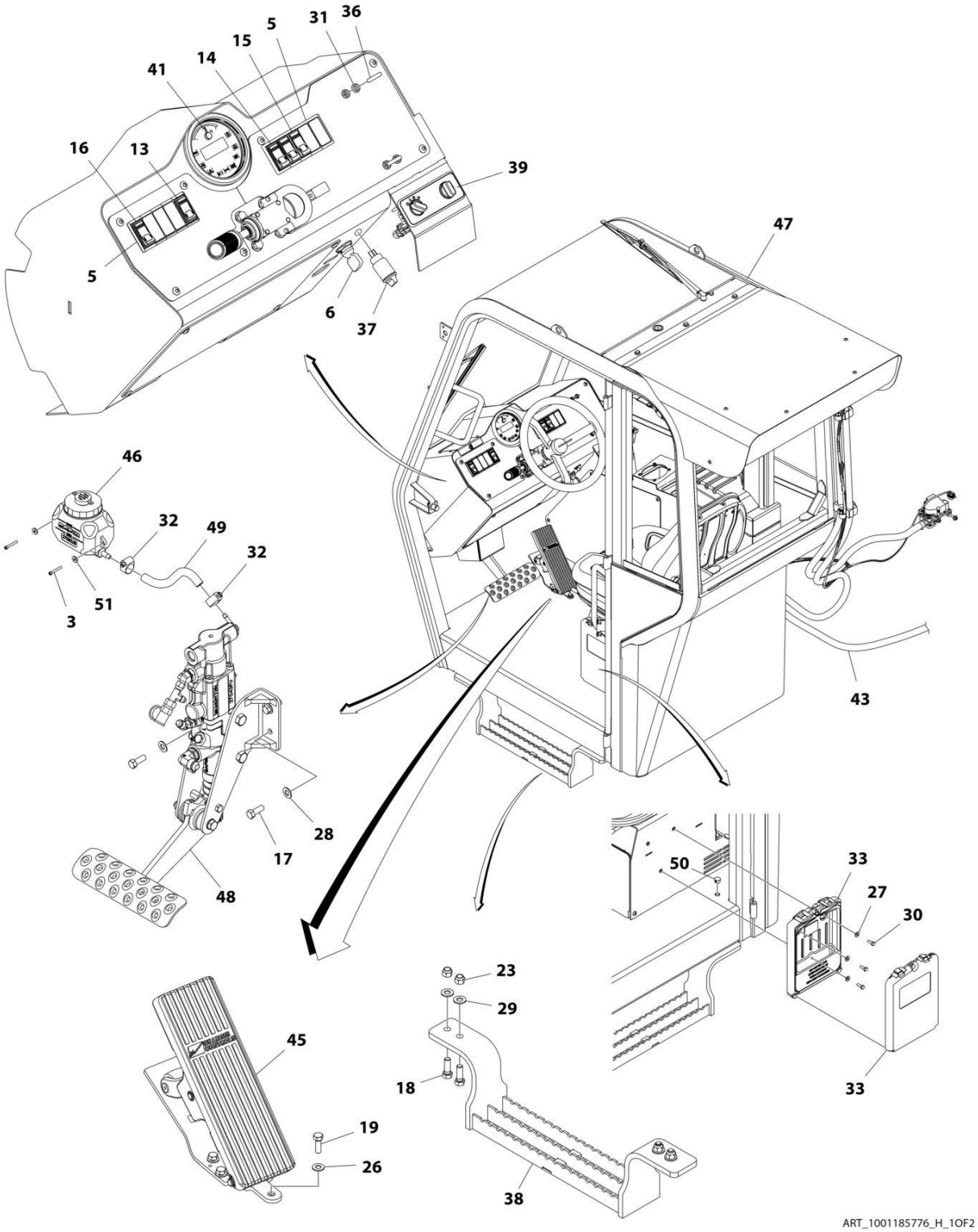

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FIGURE 6-5. CAB INSTALLATION - ENCLOSED WITH HEATER (PVC1911)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185776	Ref	Enclosed Cab with Heater Installation	G
1	1600429	1	Selector, Transmission Control	
2	3311401	2	Nut, 1/4	
3	3930610	2	Bolt, 6X5/8	
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	2	Washer, Lock 1/4	
8	5251014	4	Bolt, M10X30	
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 3/8X1	
18	8303626	4	Bolt 1/2X1-1/2	
19	8303670	4	Bolt 5/16X1	
20	8303697	3	Bolt, 5/16-18X3/4	
21	8303982	6	Screw 1/4X3/4	
22	8305626	4	Nut 5/16	
23	8305644	4	Nut 1/2	
24	8305916	1	Nut, Steering Column	
25	8307023	4	Washer, Lock M10	
26	8307106	11	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, 1/4X3/4	
31	8310382	8	Nut 1/4	
32	1320022	2	Clamp, Fuel Line	
33	8990147	1	Holder, Manual	
34	1001081049	1	Grommet, Split	
35	1001190229	1	Seat, Cab (See Separate Breakdown in this Section)	
36	1001102844	2	Bolt, 1/4-20X1-1/4	
37	1001114867	1	Socket, 12V Power Point	
38	1001141427	1	Mount, Cab Step	
39	1001159850	1	Panel, Heater Control	
40	1001159878	1	Support, Armrest	
41	1001170738	1	Gauge	
42	1001210703	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	1001180555	1	Accelerator (See Separate Breakdown in CONTROLS Section)	
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	

FIGURE 6-6. CAB INSTALLATION - ENCLOSED WITH HEATER (PVC2005)



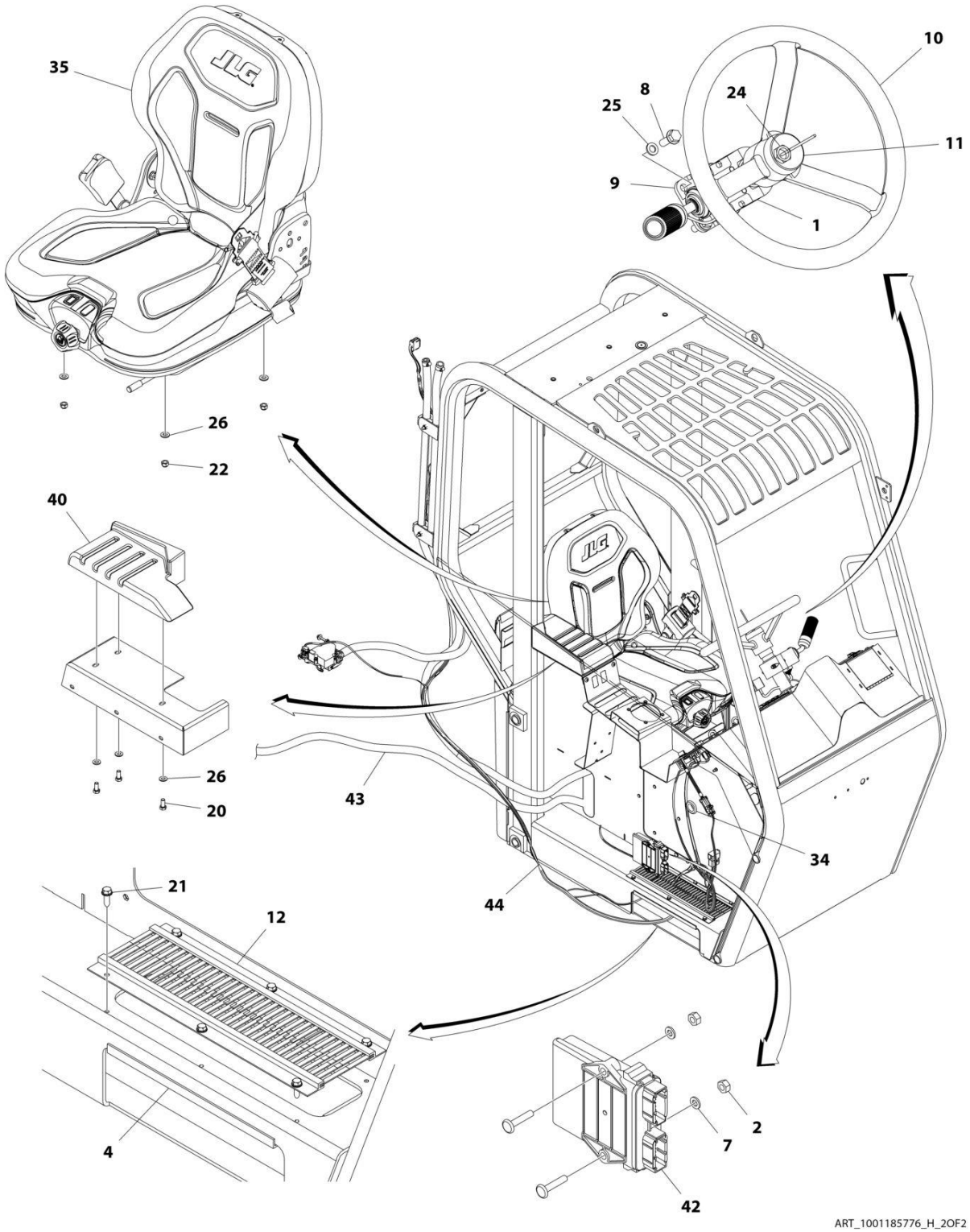

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FIGURE 6-6. CAB INSTALLATION - ENCLOSED WITH HEATER (PVC2005)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185776	Ref	Enclosed Cab with Heater Installation	H
1	1600429	1	Selector, Transmission Control	
2	3311401	2	Nut, 1/4	
3	3930610	2	Bolt, 6X5/8	
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	2	Washer, Lock 1/4	
8	5251014	4	Bolt, M10X30	
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 3/8X1	
18	8303626	4	Bolt 1/2X1-1/2	
19	8303670	4	Bolt 5/16X1	
20	8303697	3	Bolt, 5/16-18X3/4	
21	8303982	6	Screw 1/4X3/4	
22	8305626	4	Nut 5/16	
23	8305644	4	Nut 1/2	
24	8305916	1	Nut, Steering Column	
25	8307023	4	Washer, Lock M10	
26	8307106	11	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, 1/4X3/4	
31	8310382	8	Nut 1/4	
32	1320022	2	Clamp, Fuel Line	
33	8990147	1	Holder, Manual	
34	1001081049	1	Grommet, Split	
35	1001190229	1	Seat, Cab (See Separate Breakdown in this Section)	
36	1001102844	2	Bolt, 1/4-20X1-1/4	
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	1001210703	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	1001180555	1	Accelerator (See Separate Breakdown in CONTROLS Section)	
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	

FIGURE 6-7. CAB ASSEMBLY - ENCLOSED WITH HEATER

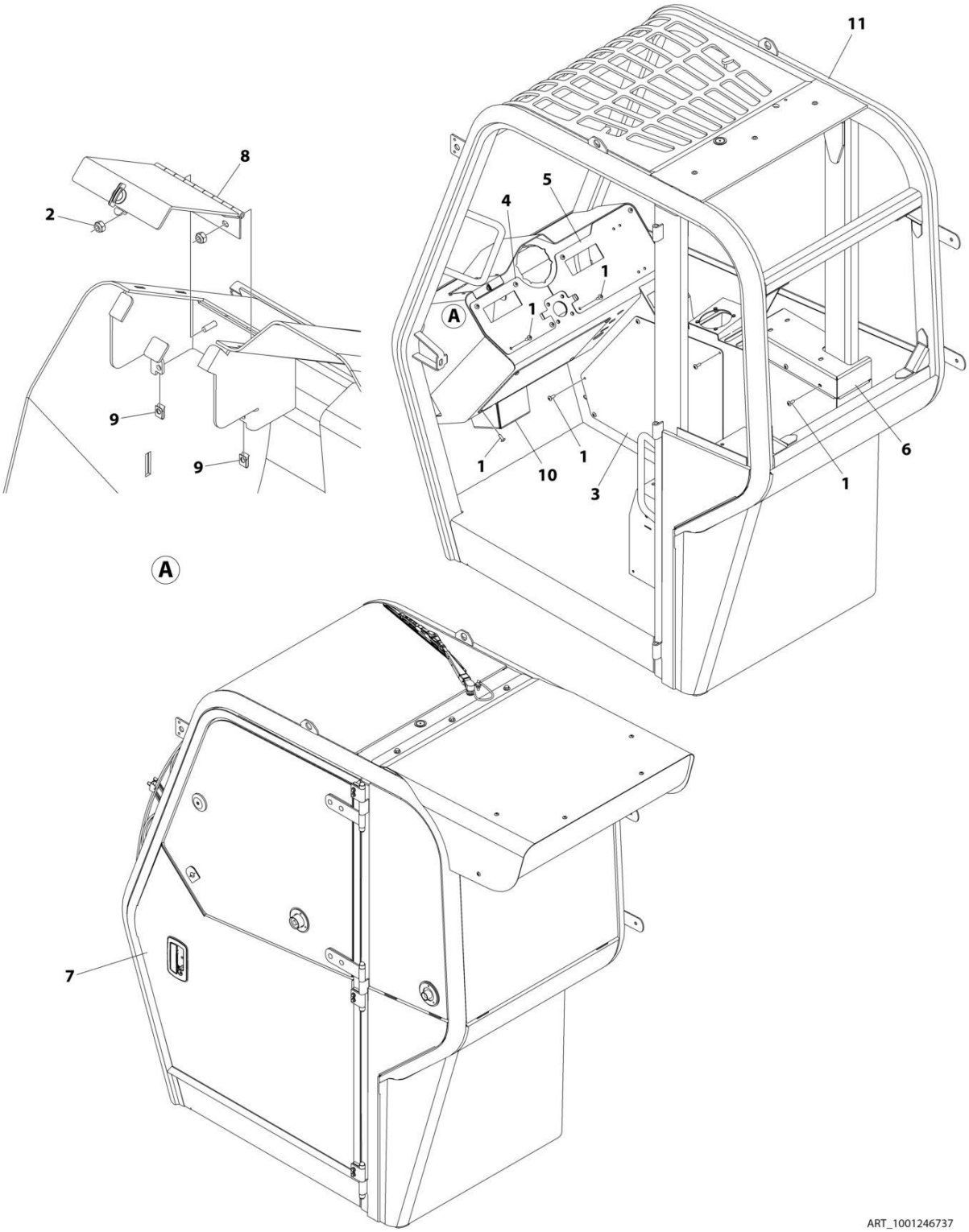


FIGURE 6-7. CAB ASSEMBLY - ENCLOSED WITH HEATER

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 6-8. CAB ENCLOSURE WITH HEATER

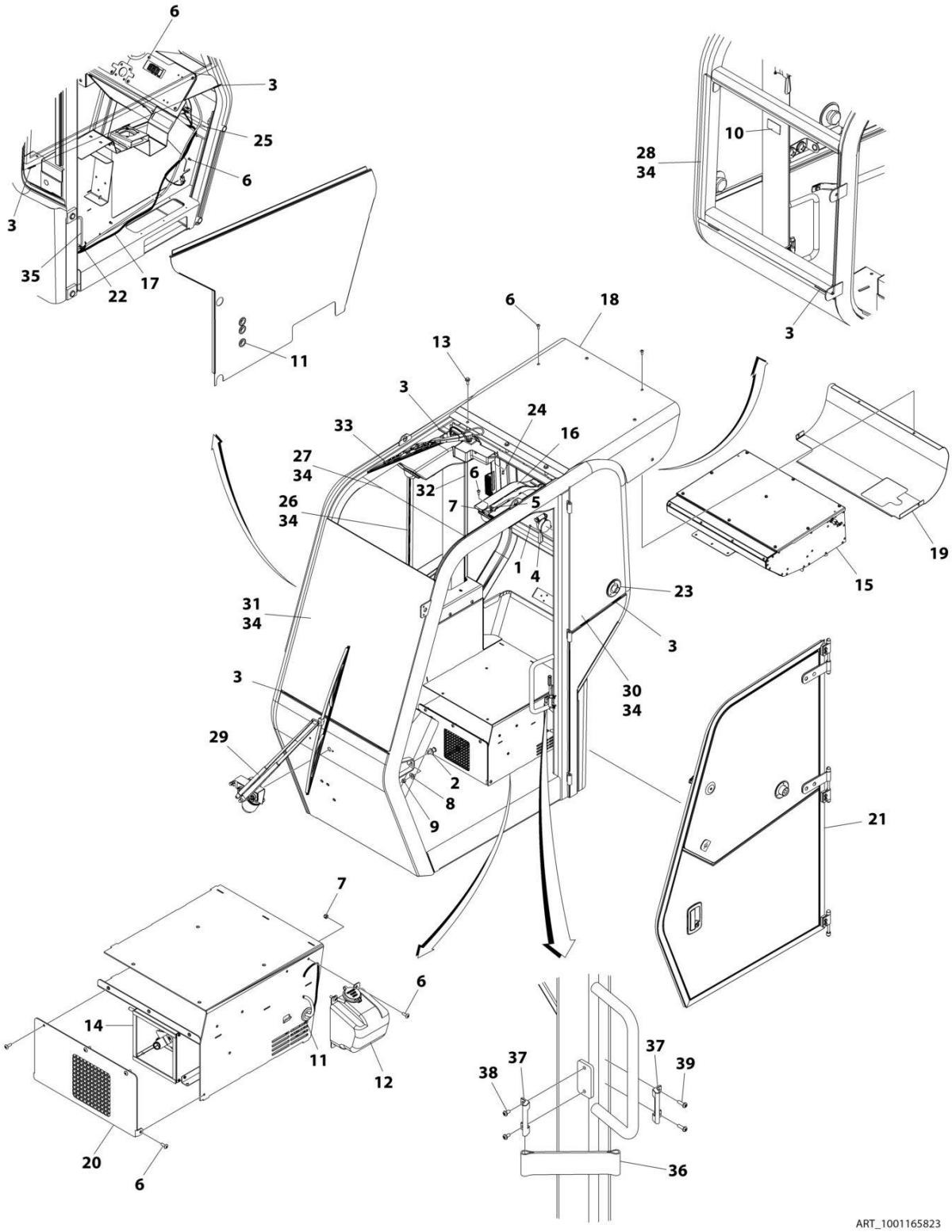
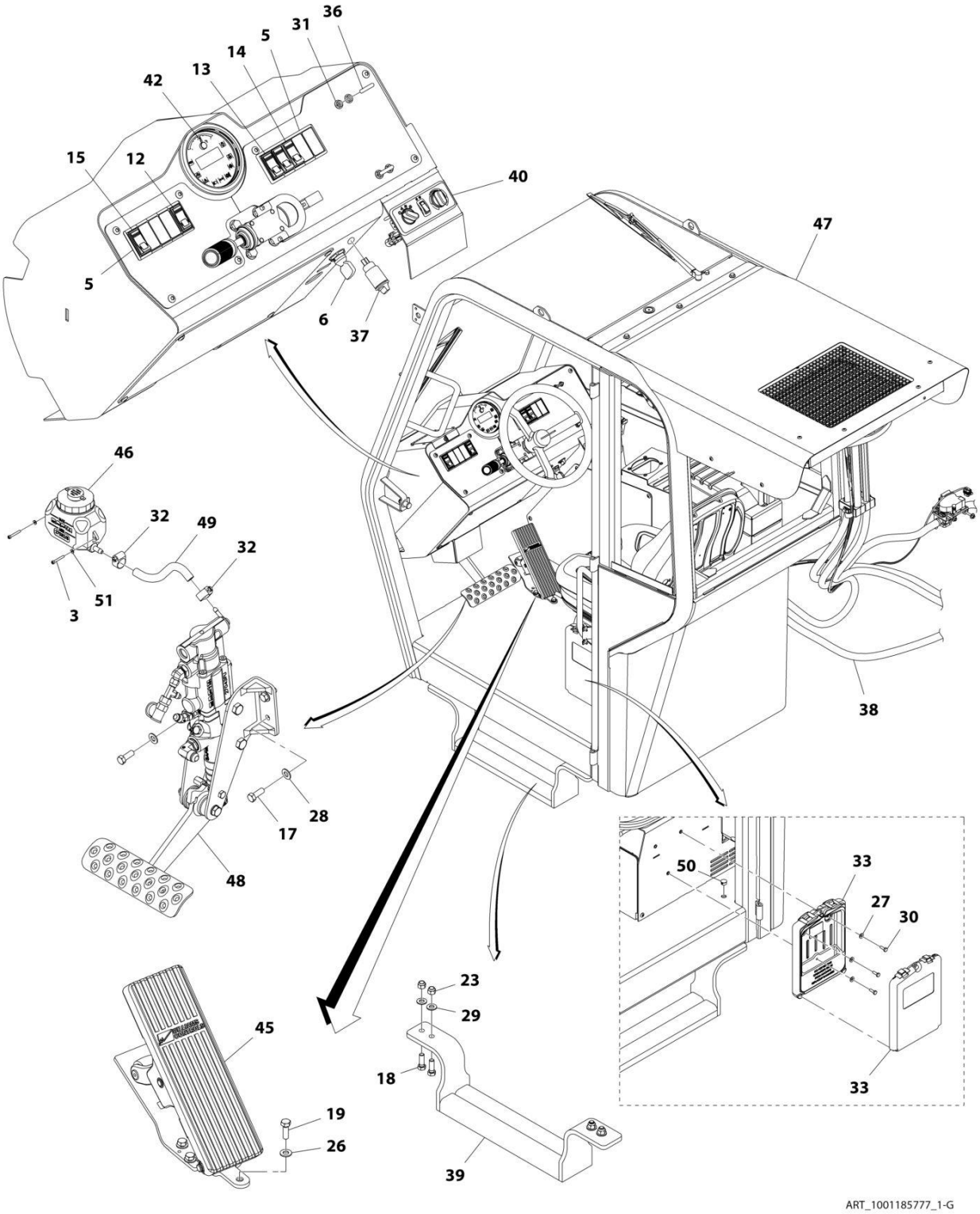


FIGURE 6-8. CAB ENCLOSURE WITH HEATER

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 6-9. CAB INSTALLATION - ENCLOSED WITH HEATER & AC (PVC1911)



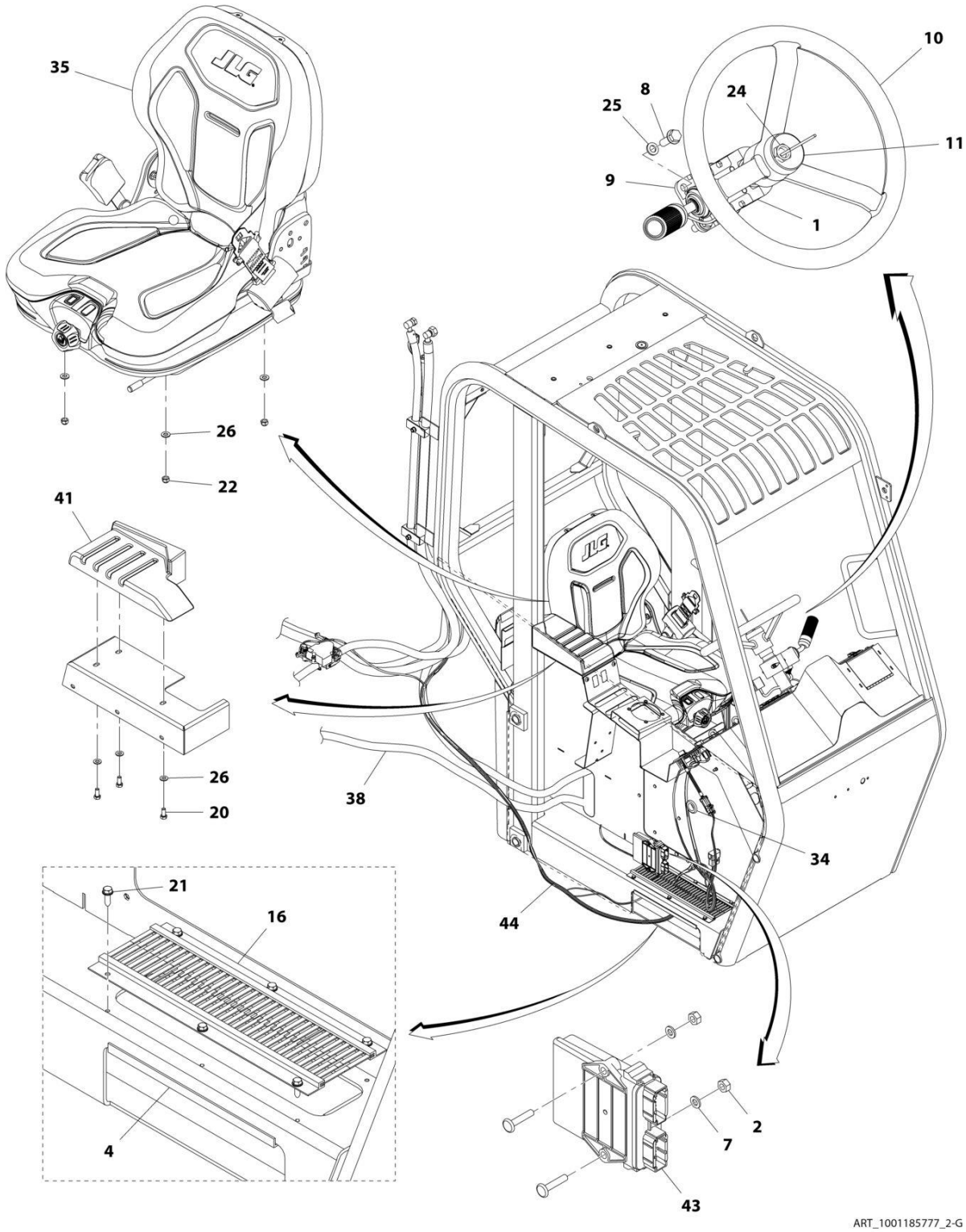
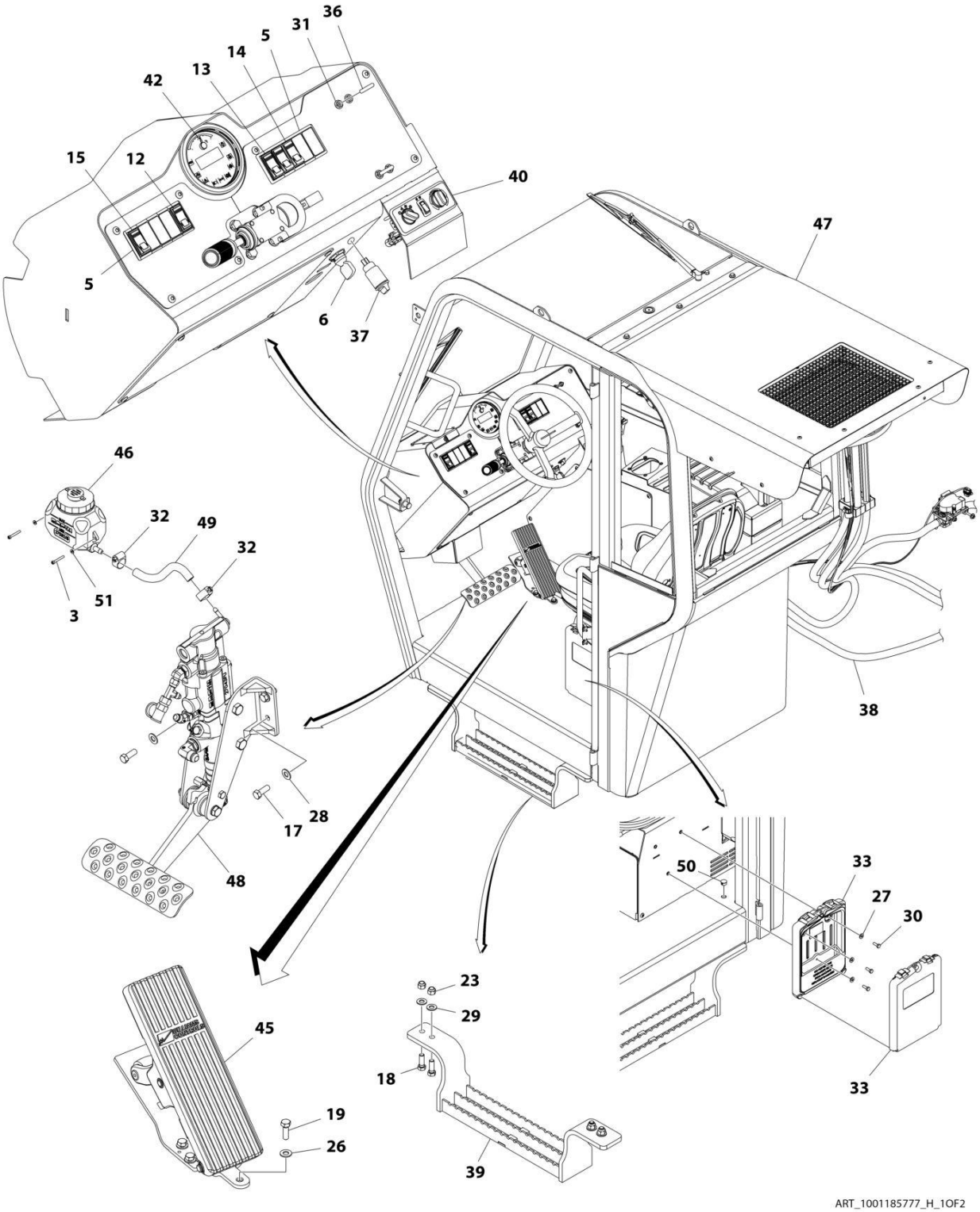

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FIGURE 6-9. CAB INSTALLATION - ENCLOSED WITH HEATER & AC (PVC1911)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185777	Ref	Enclosed Cab with Heater/AC Installation	G
1	1600429	1	Selector, Transmission Control	
2	3311401	2	Nut, 1/4	
3	3930610	2	Bolt #6X5/8	
4	4060806	11 in	Shield, Flex Trim 5/16	
5	4360569	2	Switch, Bezel	
6	4360690	1	Switch, Ignition	
7	4761400	2	Washer, Lock 1/4	
8	5251014	4	Bolt, M10X30	
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, 3/8X1	
18	8303626	4	Bolt, 1/2X1-1/2	
19	8303670	4	Bolt, 5/16X1	
20	8303697	3	Bolt, 5/16X3/4	
21	8303982	6	Screw 1/4X3/4	
22	8305626	4	Nut 5/16	
23	8305644	4	Nut 1/2	
24	8305916	1	Nut, Steering Column	
25	8307023	4	Washer, Lock M10	
26	8307106	11	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, 1/4X3/4	
31	8310382	8	Nut 1/4	
32	1320022	2	Clamp, Fuel Line	
33	8990147	1	Holder, Manual	
34	1001081049	1	Grommet	
35	1001190229	1	Seat, Cab (See Separate Breakdown in this Section)	
36	1001102844	2	Bolt, U 1/4-20X1-1/4	
37	1001114867	1	Socket, 12V Power Point	
38	1001171806	1	Installation, Cab Heater/AC Lines (See Separate Breakdown in this Section)	
39	1001141427	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	1001210703	1	Controller	
44	1001178347	1	Harness, HVAC (See Separate Breakdown in ELECTRICAL Section)	
45	1001180555	1	Accelerator (See Separate Breakdown in CONTROLS Section)	

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	

FIGURE 6-10. CAB INSTALLATION - ENCLOSED WITH HEATER & AC (PVC2005)



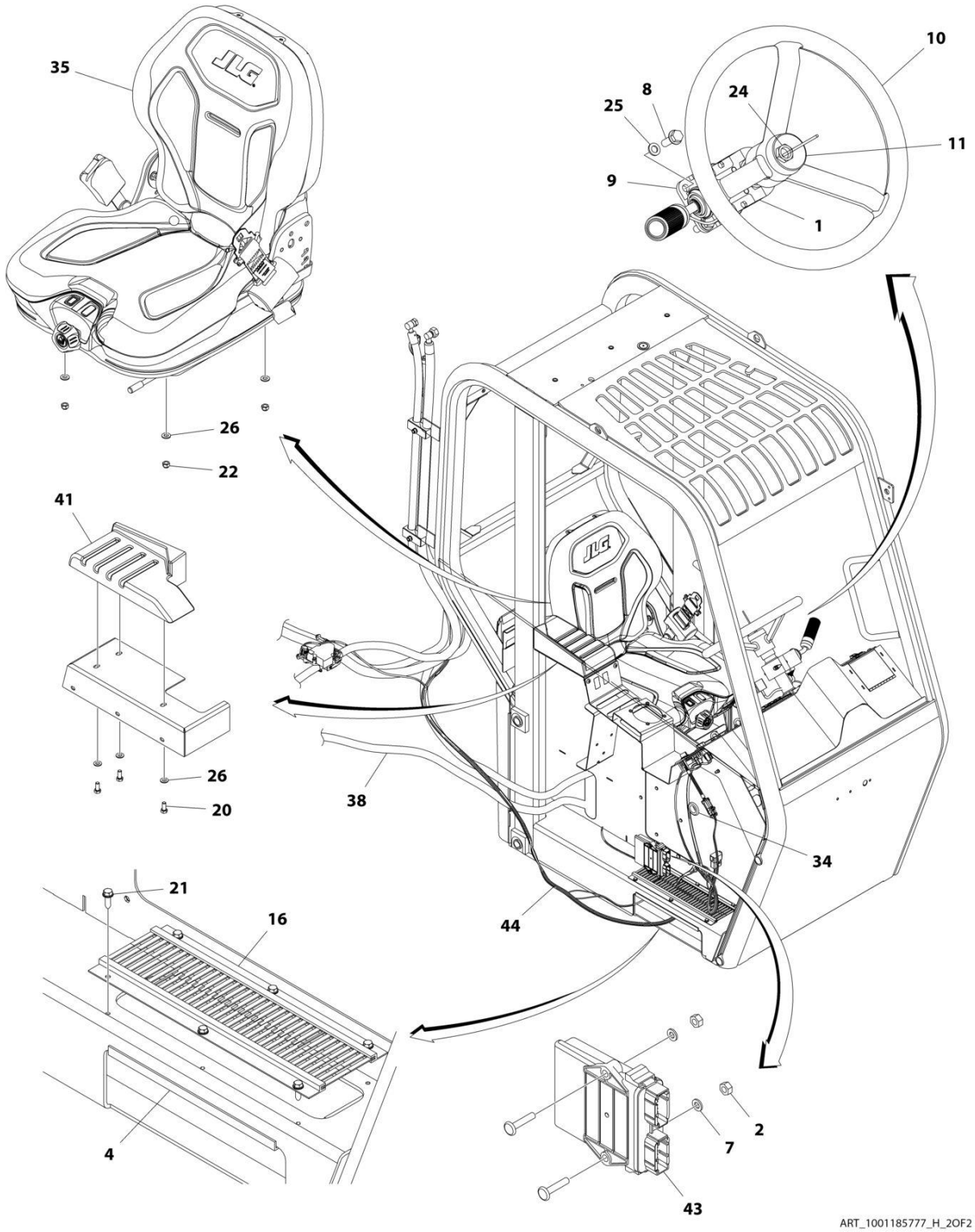

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FIGURE 6-10. CAB INSTALLATION - ENCLOSED WITH HEATER & AC (PVC2005)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185777	Ref	Enclosed Cab with Heater/AC Installation	H
1	1600429	1	Selector, Transmission Control	
2	3311401	2	Nut, 1/4	
3	3930610	2	Bolt #6X5/8	
4	4060806	11 in	Shield, Flex Trim 5/16	
5	4360569	2	Switch, Bezel	
6	4360690	1	Switch, Ignition	
7	4761400	2	Washer, Lock 1/4	
8	5251014	4	Bolt, M10X30	
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, 3/8X1	
18	8303626	4	Bolt, 1/2X1-1/2	
19	8303670	4	Bolt, 5/16X1	
20	8303697	3	Bolt, 5/16X3/4	
21	8303982	6	Screw 1/4X3/4	
22	8305626	4	Nut 5/16	
23	8305644	4	Nut 1/2	
24	8305916	1	Nut, Steering Column	
25	8307023	4	Washer, Lock M10	
26	8307106	11	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, 1/4X3/4	
31	8310382	8	Nut 1/4	
32	1320022	2	Clamp, Fuel Line	
33	8990147	1	Holder, Manual	
34	1001081049	1	Grommet	
35	1001190229	1	Seat, Cab (See Separate Breakdown in this Section)	
36	1001102844	2	Bolt, U 1/4-20X1-1/4	
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	1001210703	1	Controller	
44	1001178347	1	Harness, HVAC (See Separate Breakdown in ELECTRICAL Section)	
45	1001180555	1	Accelerator (See Separate Breakdown in CONTROLS Section)	

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	

FIGURE 6-11. CAB ASSEMBLY - ENCLOSED WITH HEATER & AC

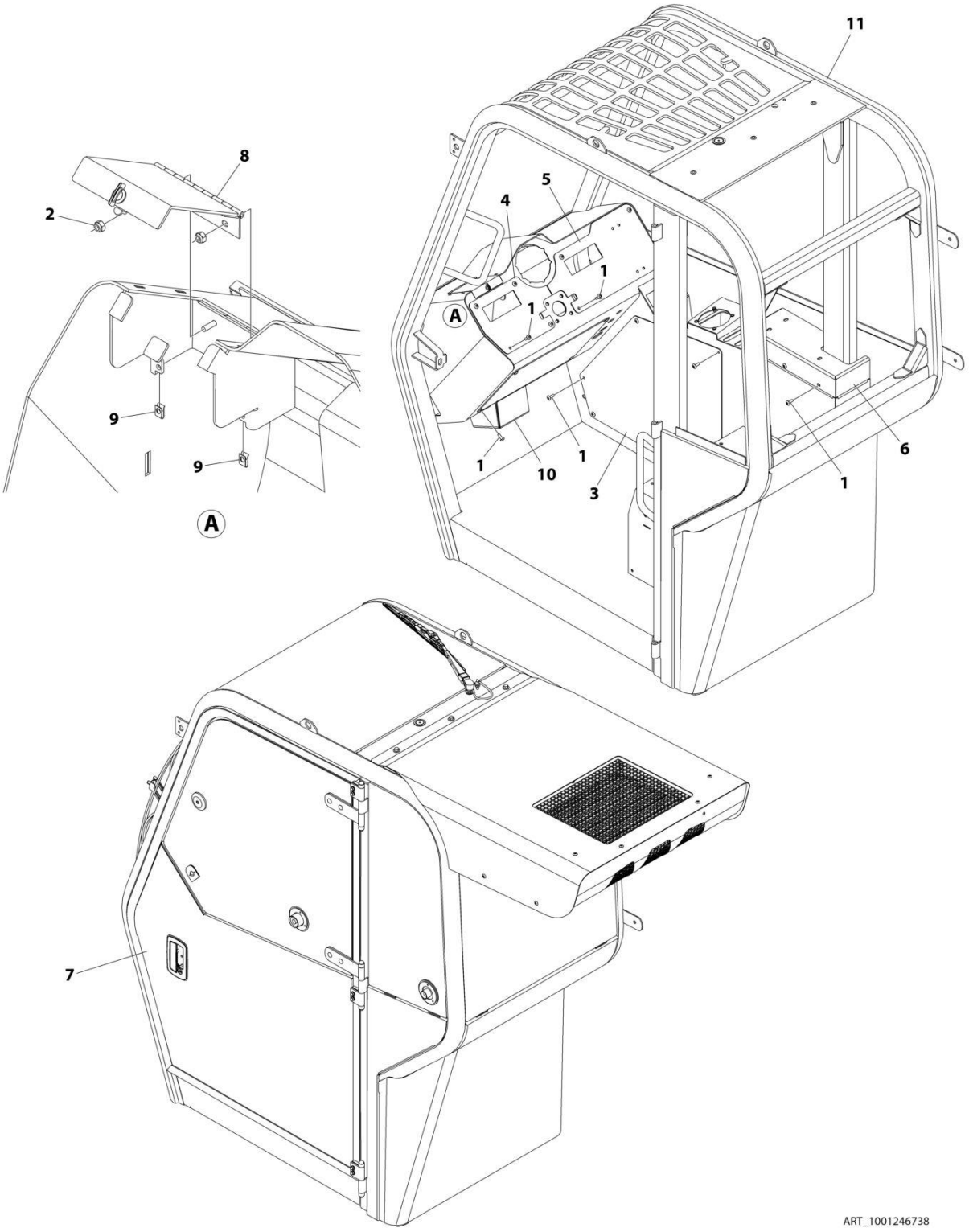


FIGURE 6-11. CAB ASSEMBLY - ENCLOSED WITH HEATER & AC

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 6-12. CAB ENCLOSURE WITH HEATER & AC

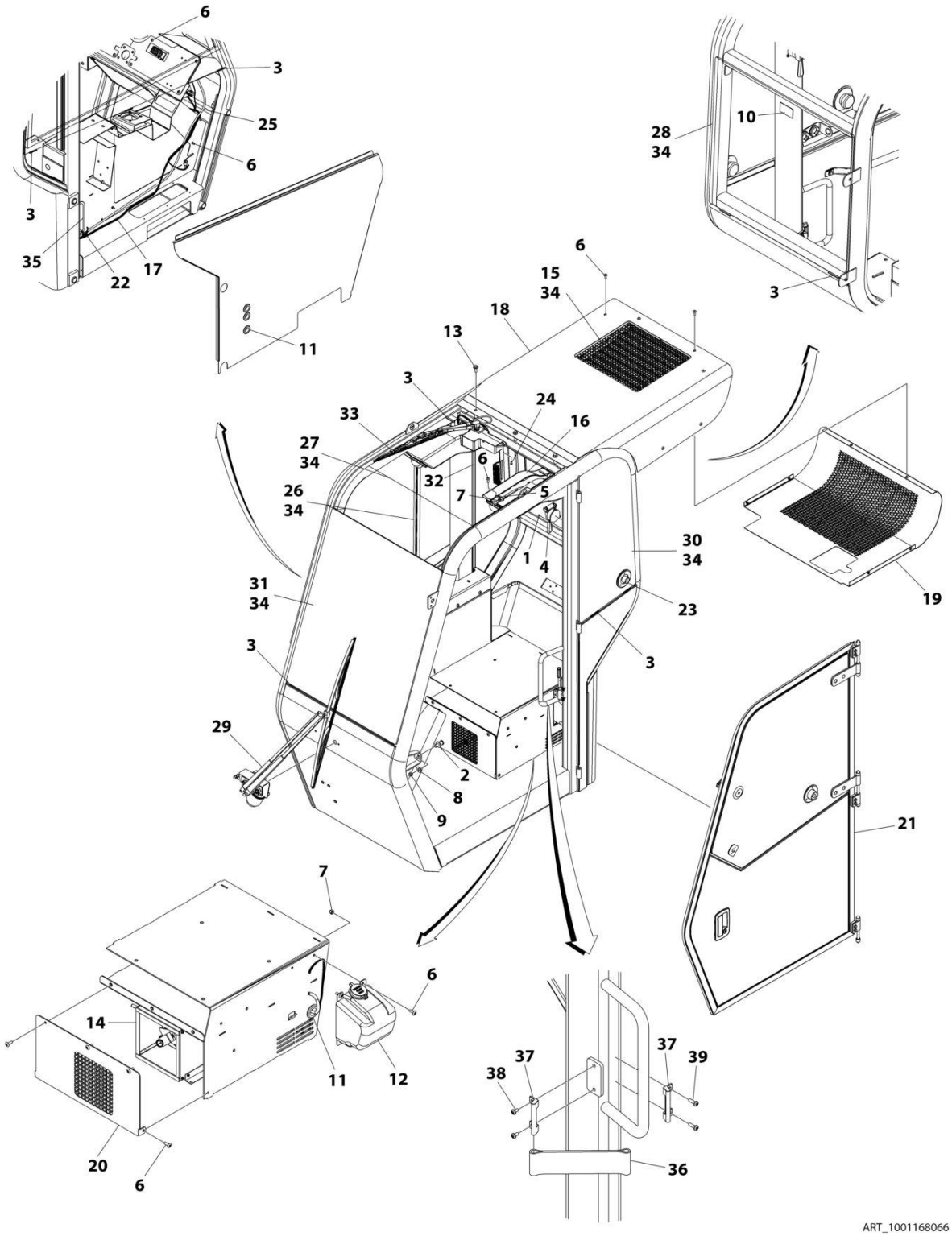


FIGURE 6-12. CAB ENCLOSURE WITH HEATER & AC

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 6-13. CAB DOOR ASSEMBLY

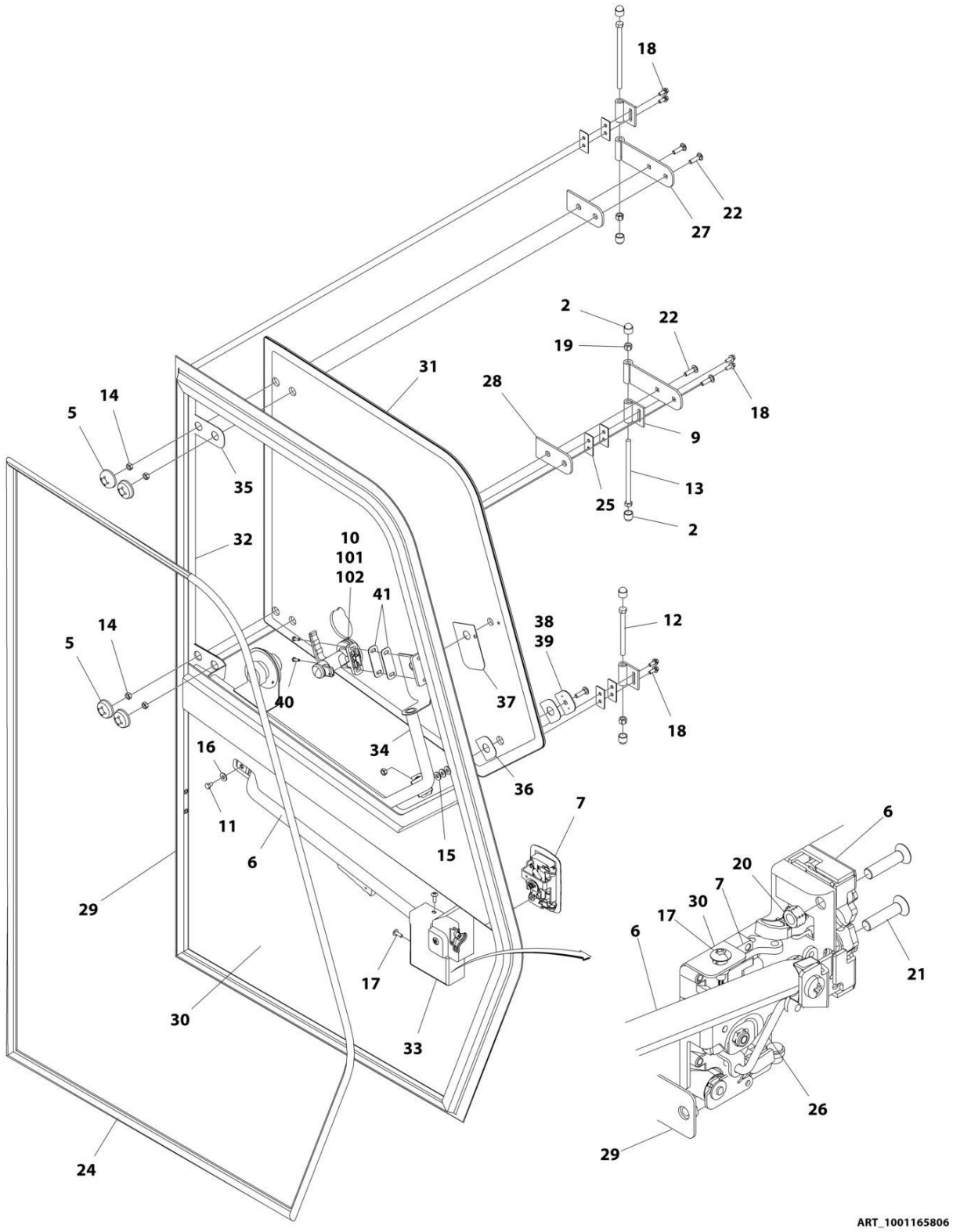


FIGURE 6-13. CAB DOOR ASSEMBLY

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 6-14. SLIDER WINDOW ASSEMBLY (RH)

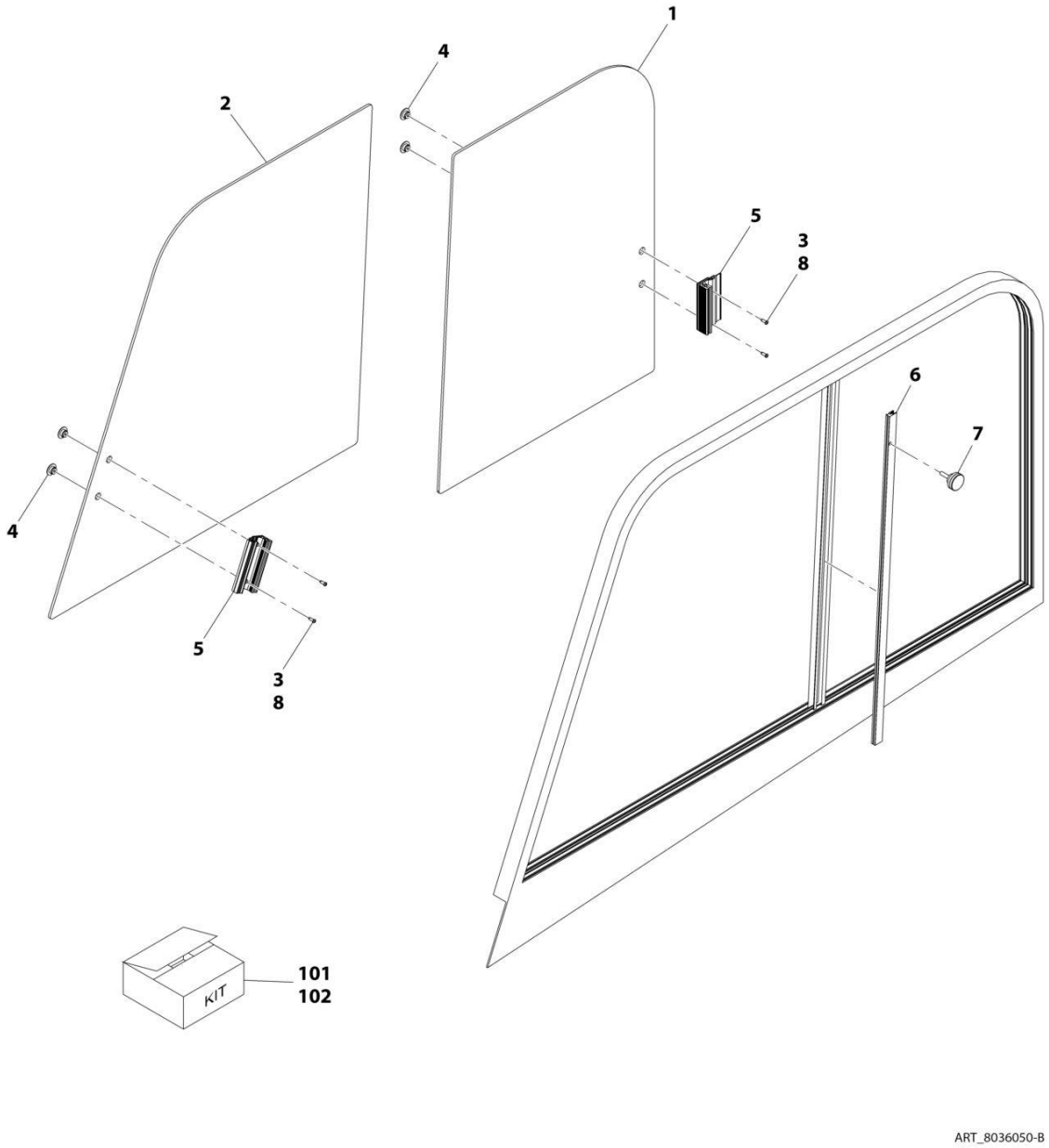


FIGURE 6-14. SLIDER WINDOW ASSEMBLY (RH)

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 6-15. WIPER INSTALLATION (FRONT)

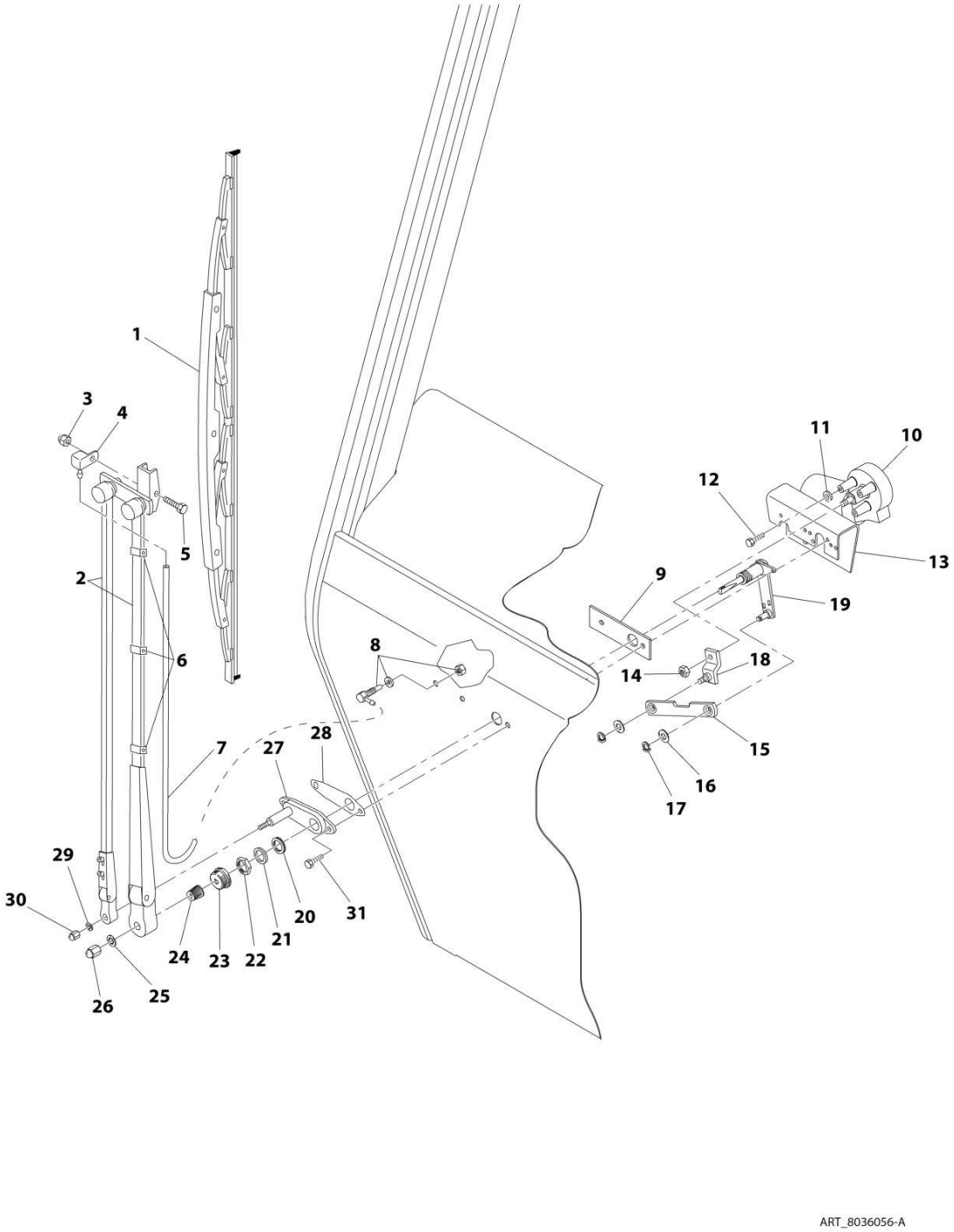


FIGURE 6-15. WIPER INSTALLATION (FRONT)

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 6-16. WIPER INSTALLATION (SKYLIGHT)

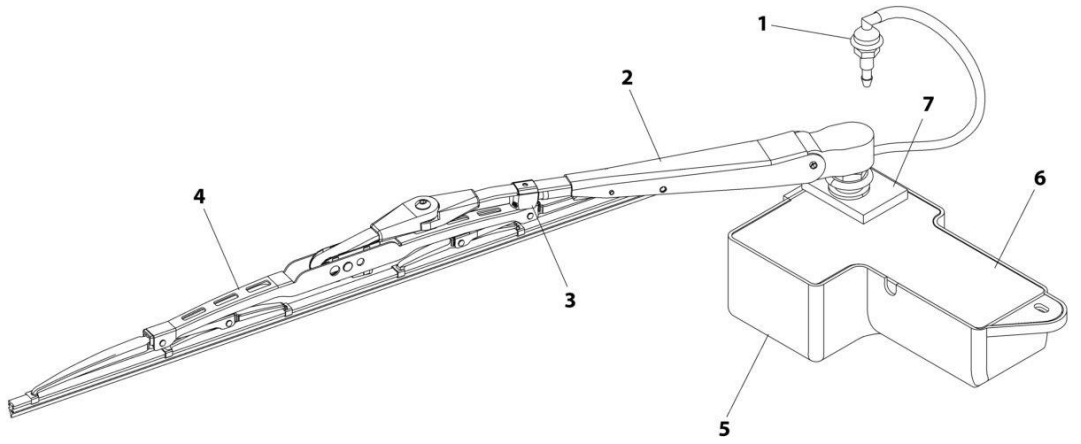


FIGURE 6-16. WIPER INSTALLATION (SKYLIGHT)

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 6-17. CAB SEAT ASSEMBLY

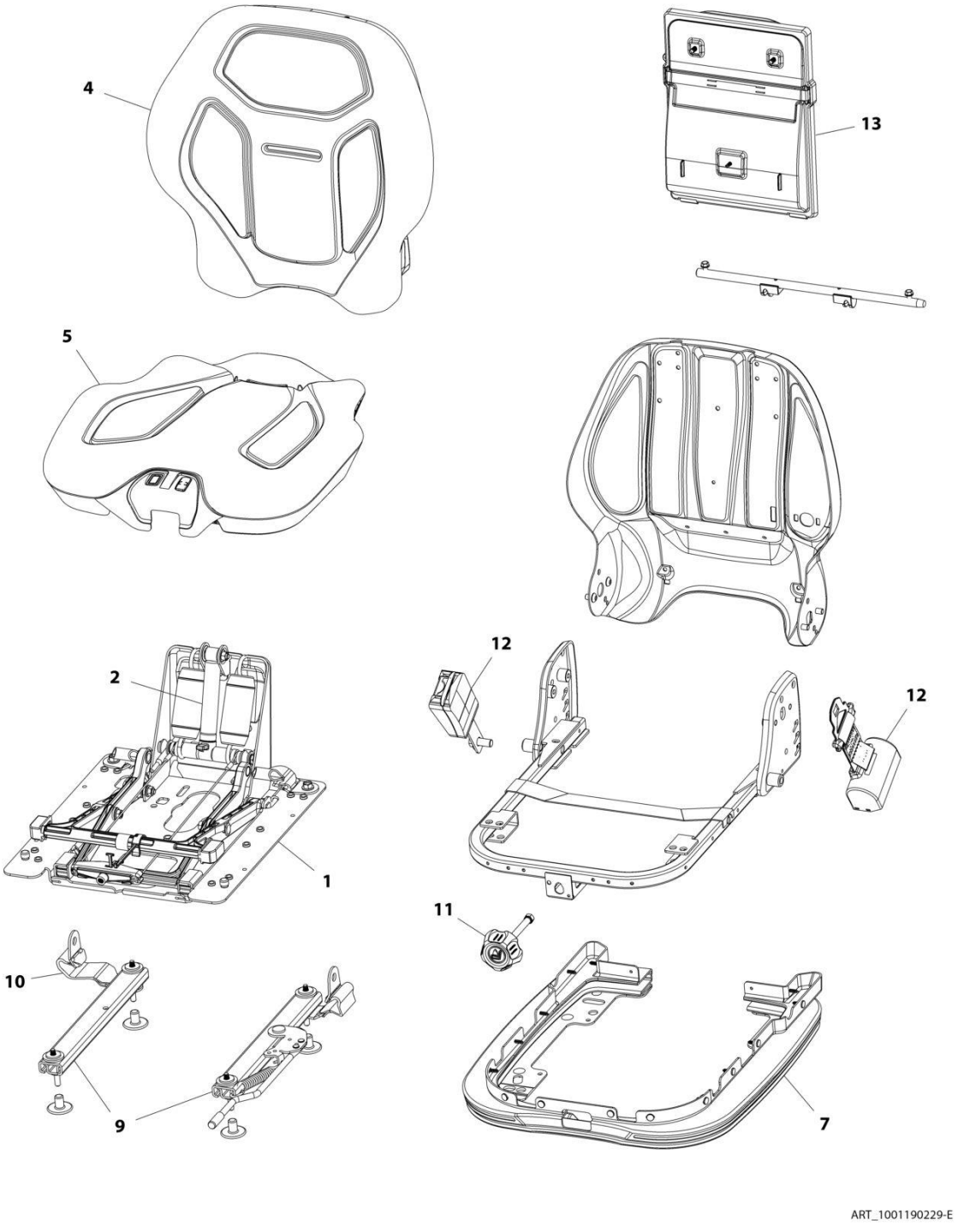


FIGURE 6-17. CAB SEAT ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190229	Ref	Cab Seat	E
1	70027024	1	Suspension Assembly Kit	
2	70027025	1	Spring Saddle Assembly Kit	
4	70027026	1	Back Cushion Kit	
5	70027028	1	Seat Cushion Assembly Kit	
7	70027030	1	Boot Kit	
9	7026798	1	Adjuster Kit	
10	70027032	1	Tether strap	
11	70027033	1	Weight adjust knob kit	
12	70027034	2	Seat belt kit	
13	70027035	1	Document box kit	

FIGURE 6-18. SEAT BELT INSTALLATION (3 INCH)

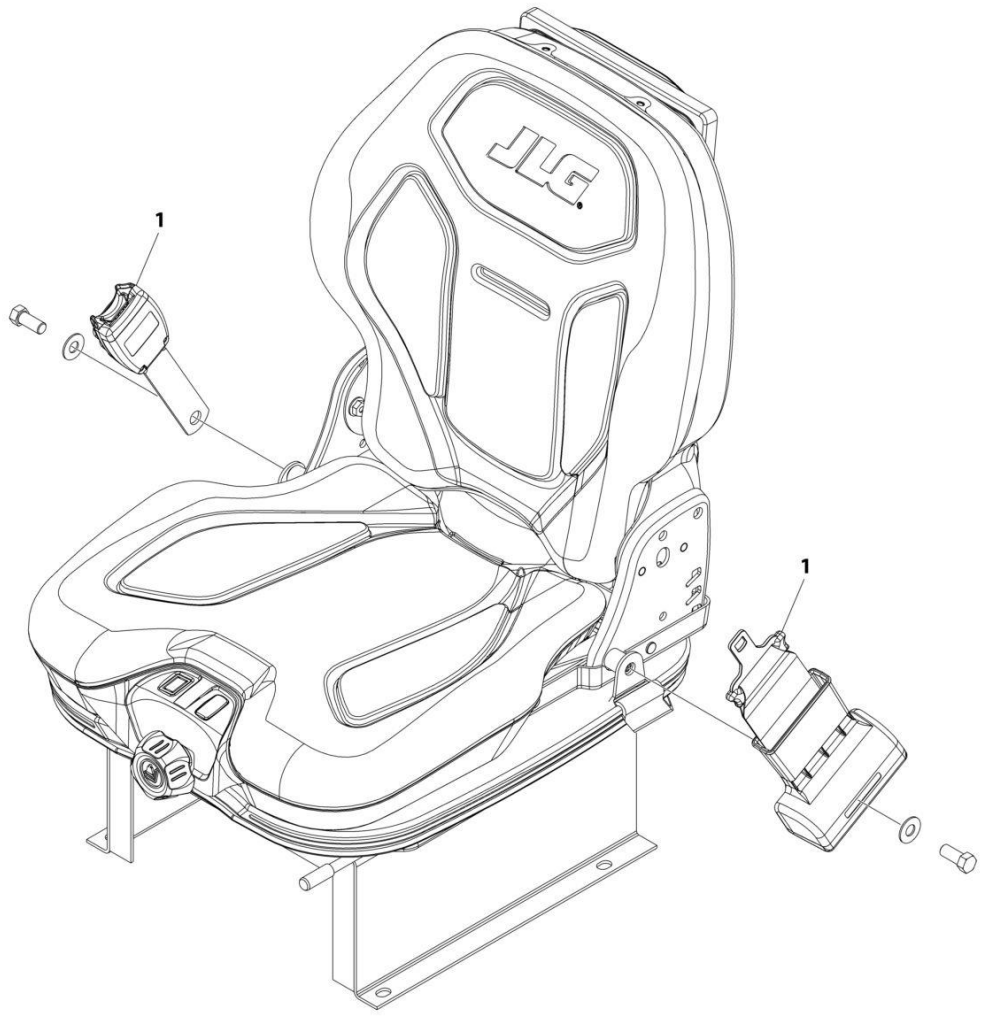


FIGURE 6-18. SEAT BELT INSTALLATION (3 INCH)

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 6-19. SEAT BELT INSTALLATION (CALIFORNIA)

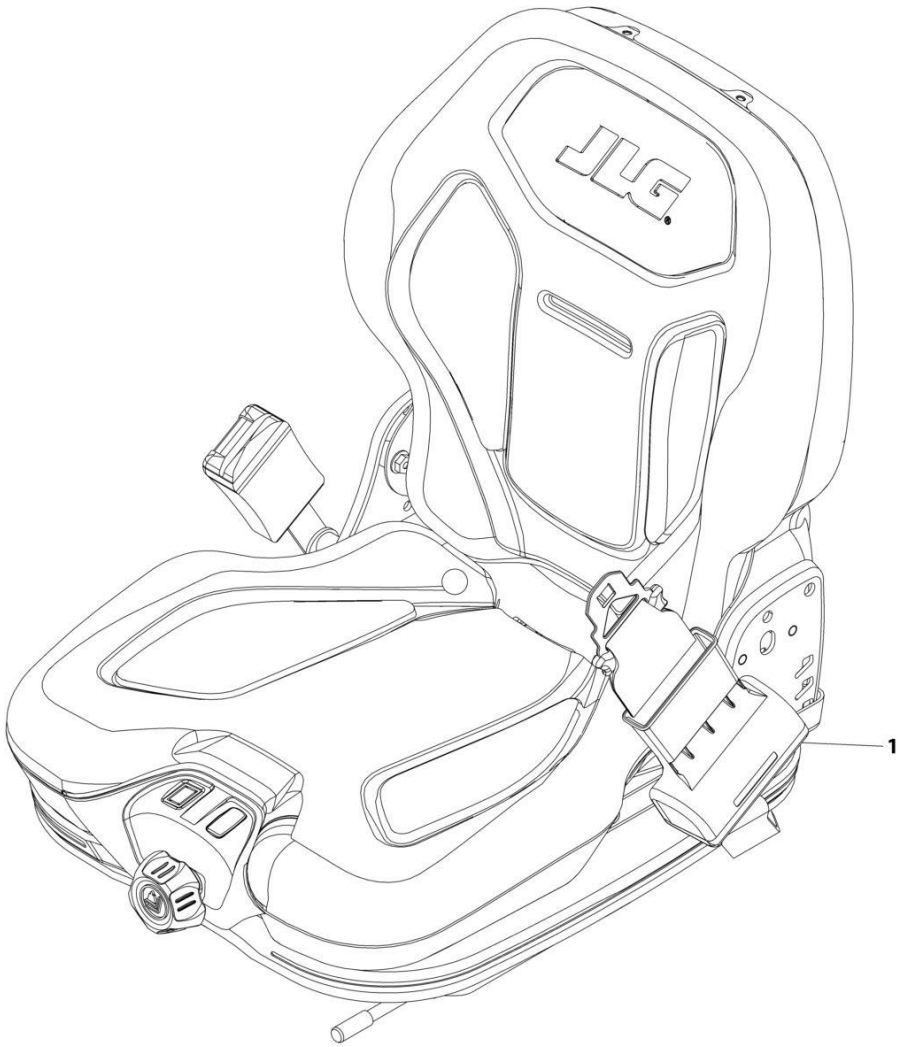


FIGURE 6-19. SEAT BELT INSTALLATION (CALIFORNIA)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215783	Ref	Seat Belt Installation (California)	B
1	1001215778	1	Belt, Seat	

FIGURE 6-20. HEATER ASSEMBLY - FLOOR

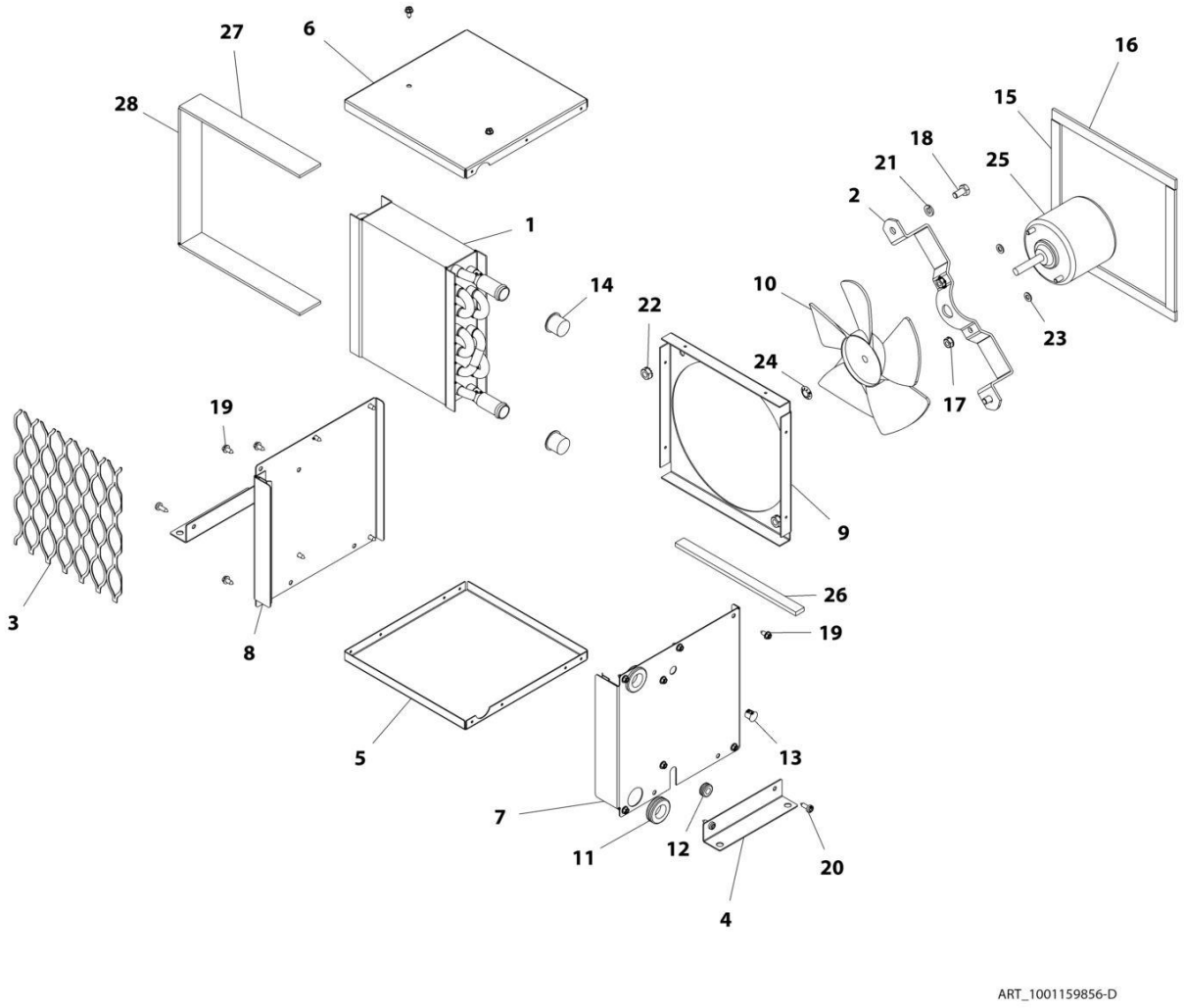


FIGURE 6-20. HEATER ASSEMBLY - FLOOR

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 6-21. HEATER BOX ASSEMBLY - HEATER

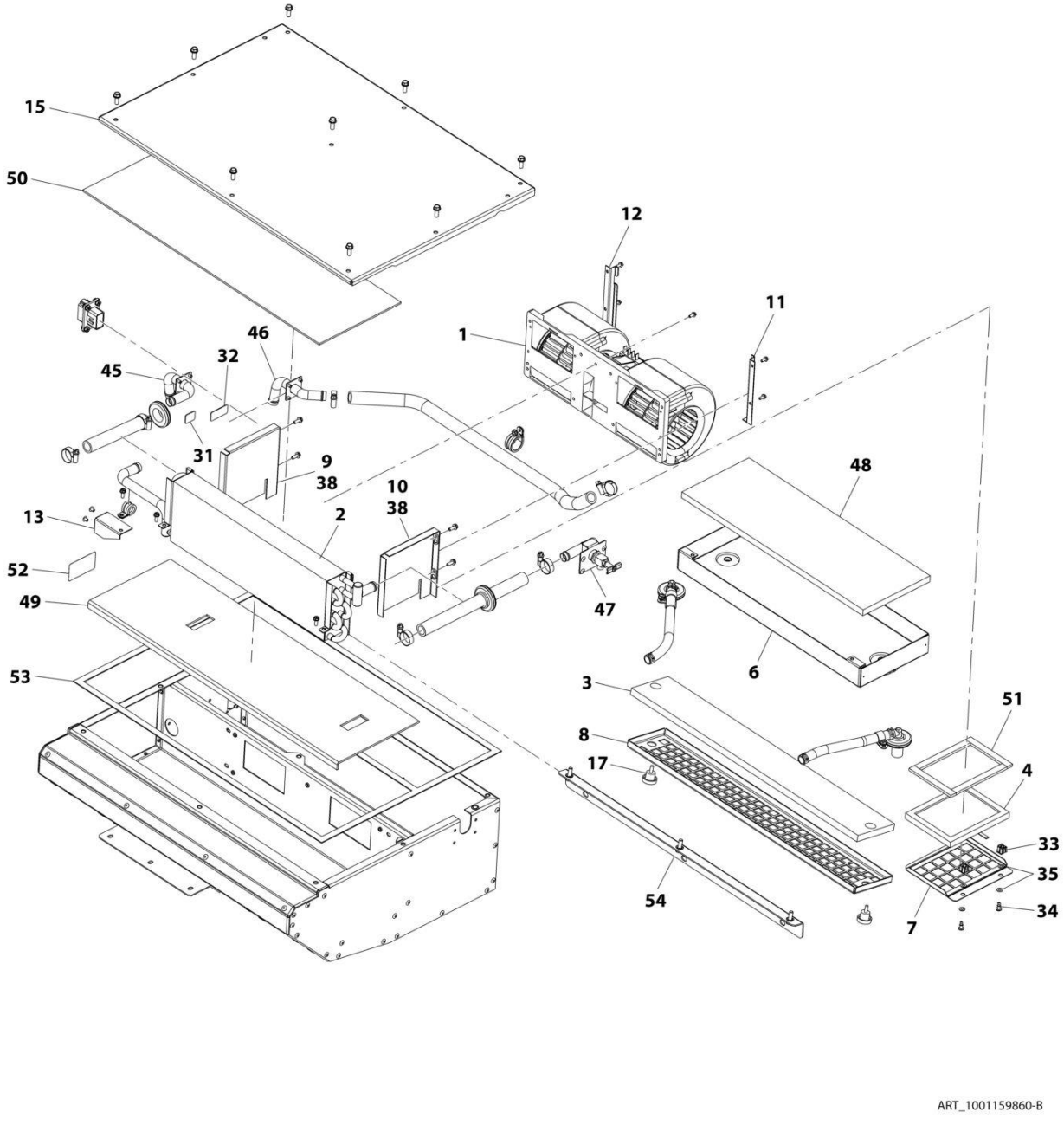


FIGURE 6-21. HEATER BOX ASSEMBLY - HEATER

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 6-22. HEATER BOX ASSEMBLY - HEATER & AC

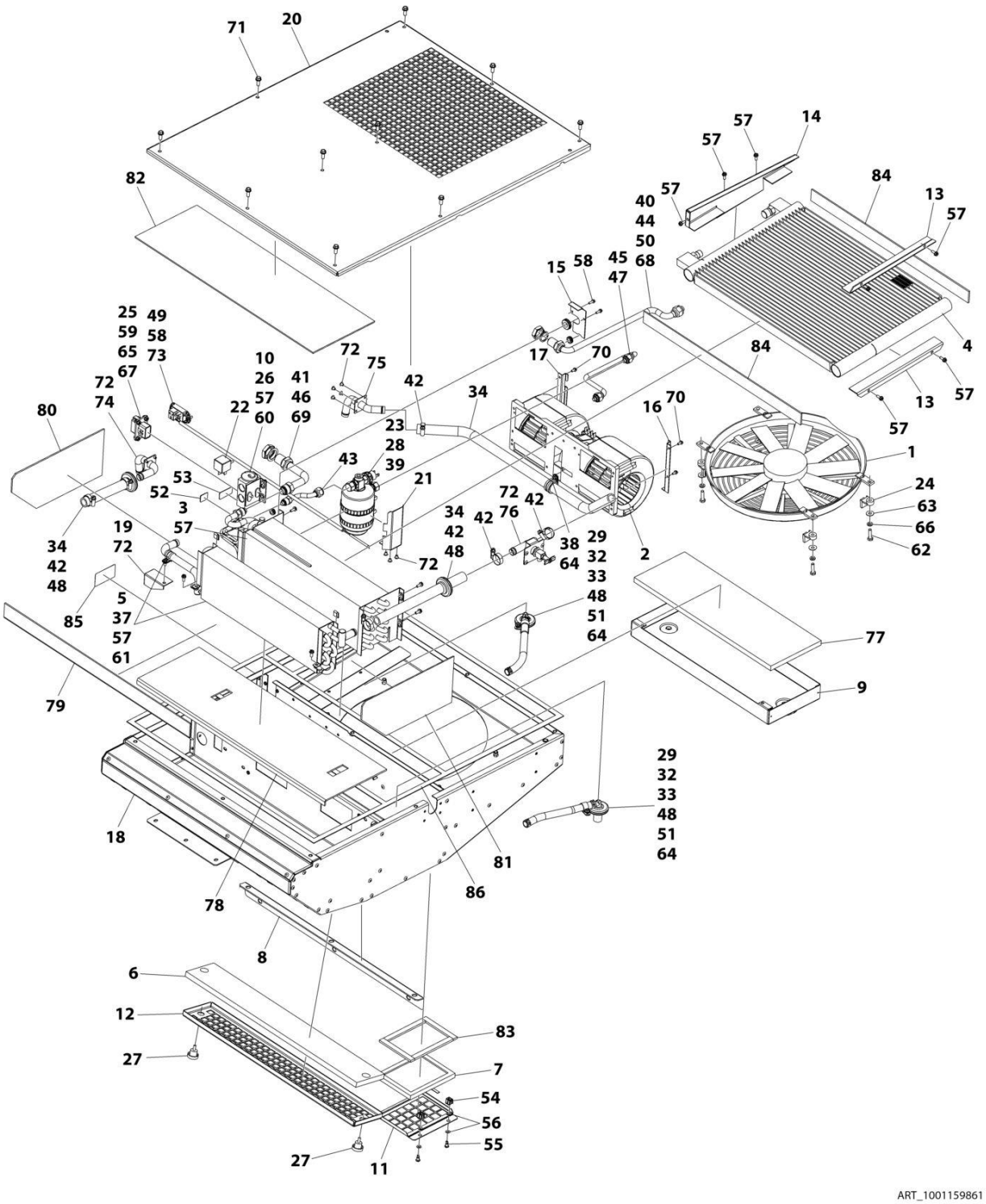


FIGURE 6-22. HEATER BOX ASSEMBLY - HEATER & AC

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

SECTION 6 - CAB

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

FIGURE 6-23. CAB HEATER LINES INSTALLATION - HEATER ONLY

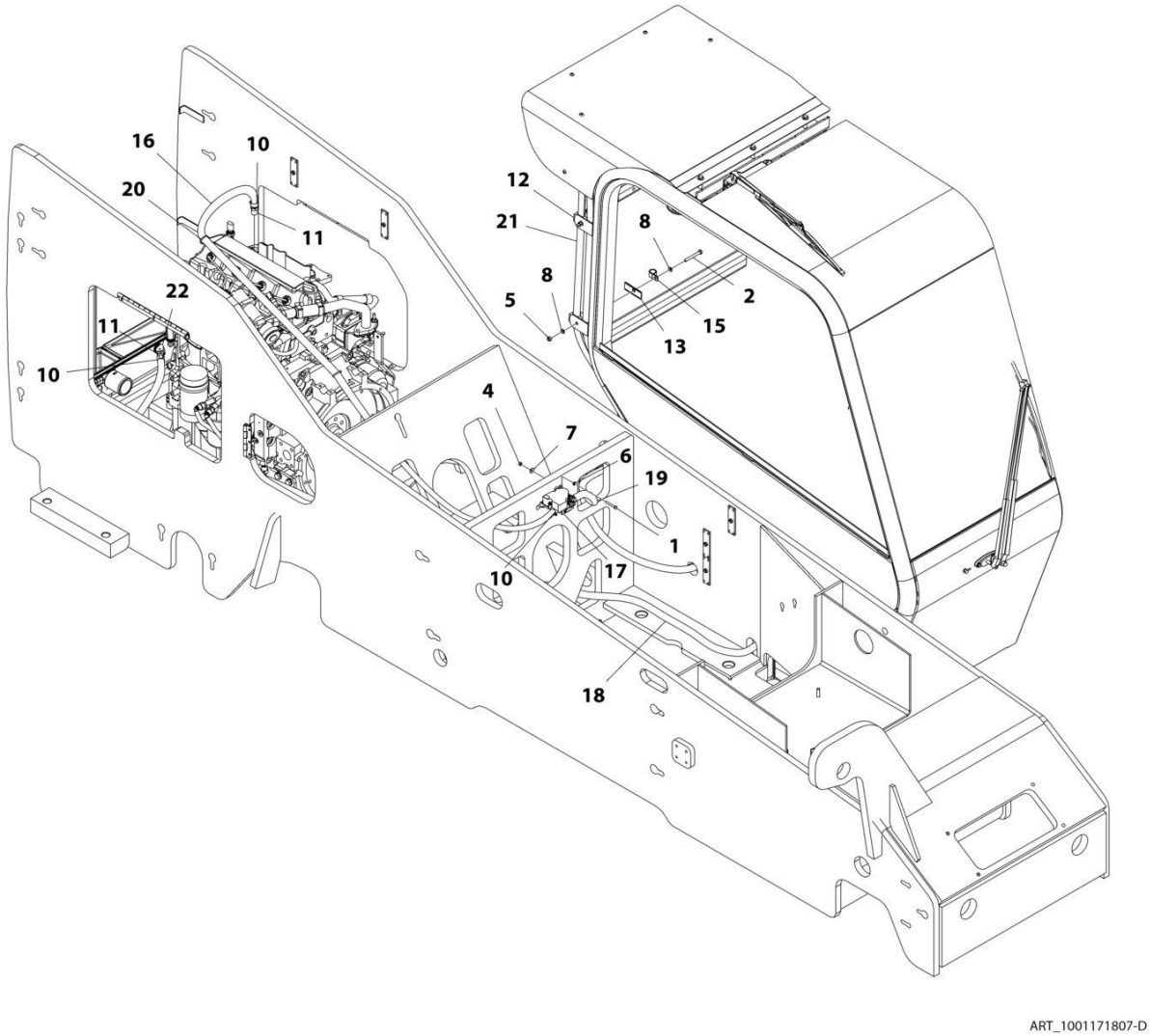


FIGURE 6-23. CAB HEATER LINES INSTALLATION - HEATER ONLY

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 6-24. CAB HEATER LINES INSTALLATION - HEATER & AC

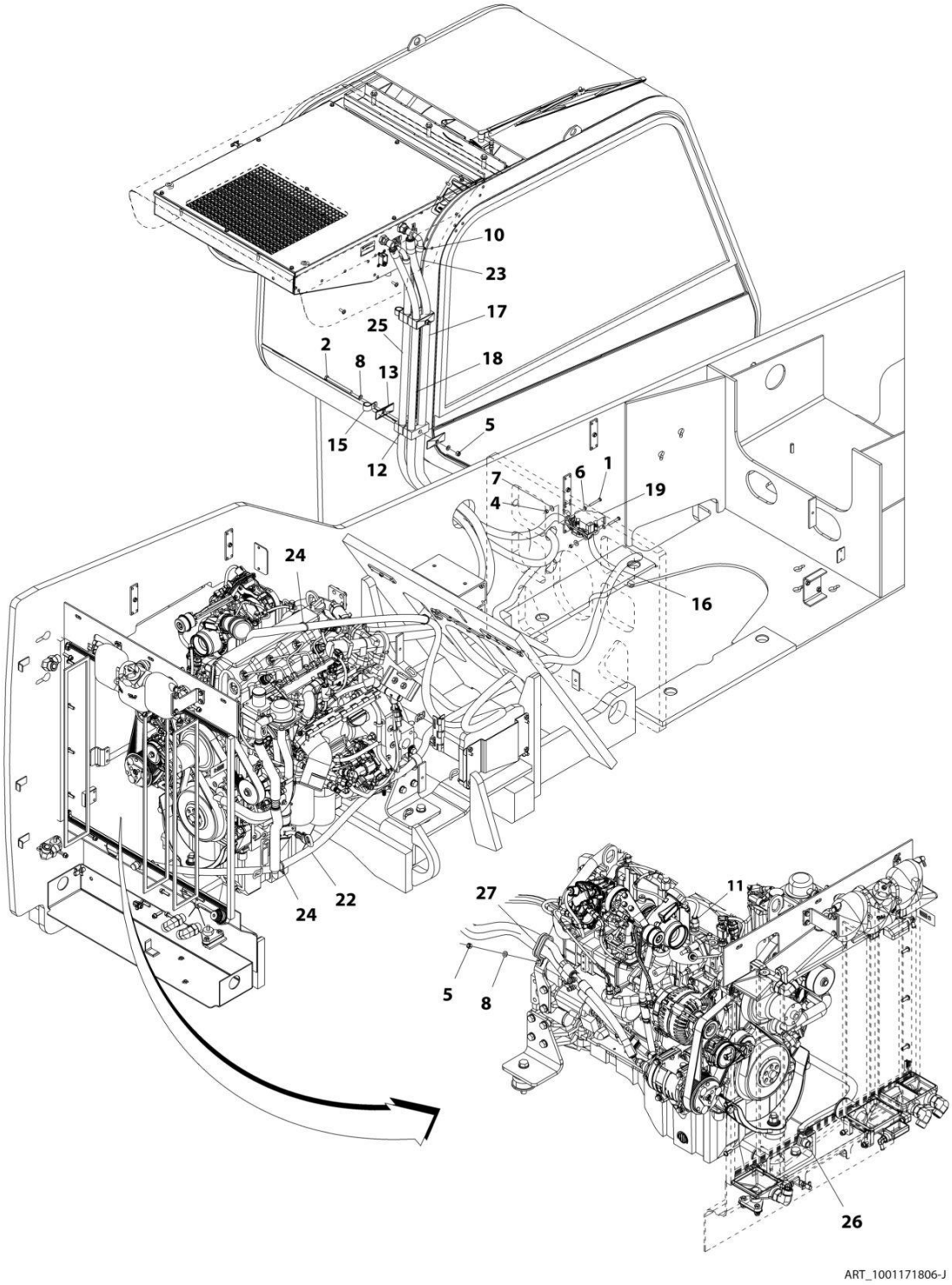


FIGURE 6-24. CAB HEATER LINES INSTALLATION - HEATER & AC

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 6-25. HEATER VALVE ASSEMBLY

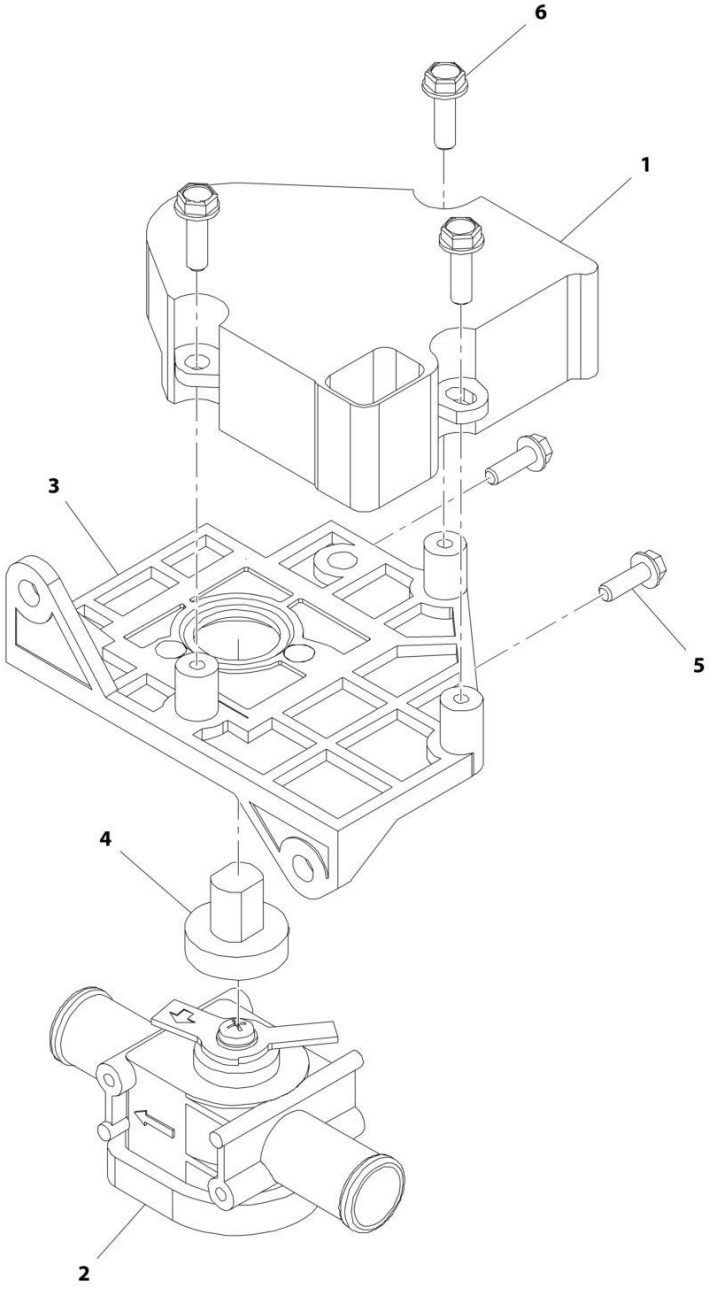


FIGURE 6-25. HEATER VALVE ASSEMBLY

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 6-26. REAR WINDOW INSTALLATION (ANSI ENGLISH)

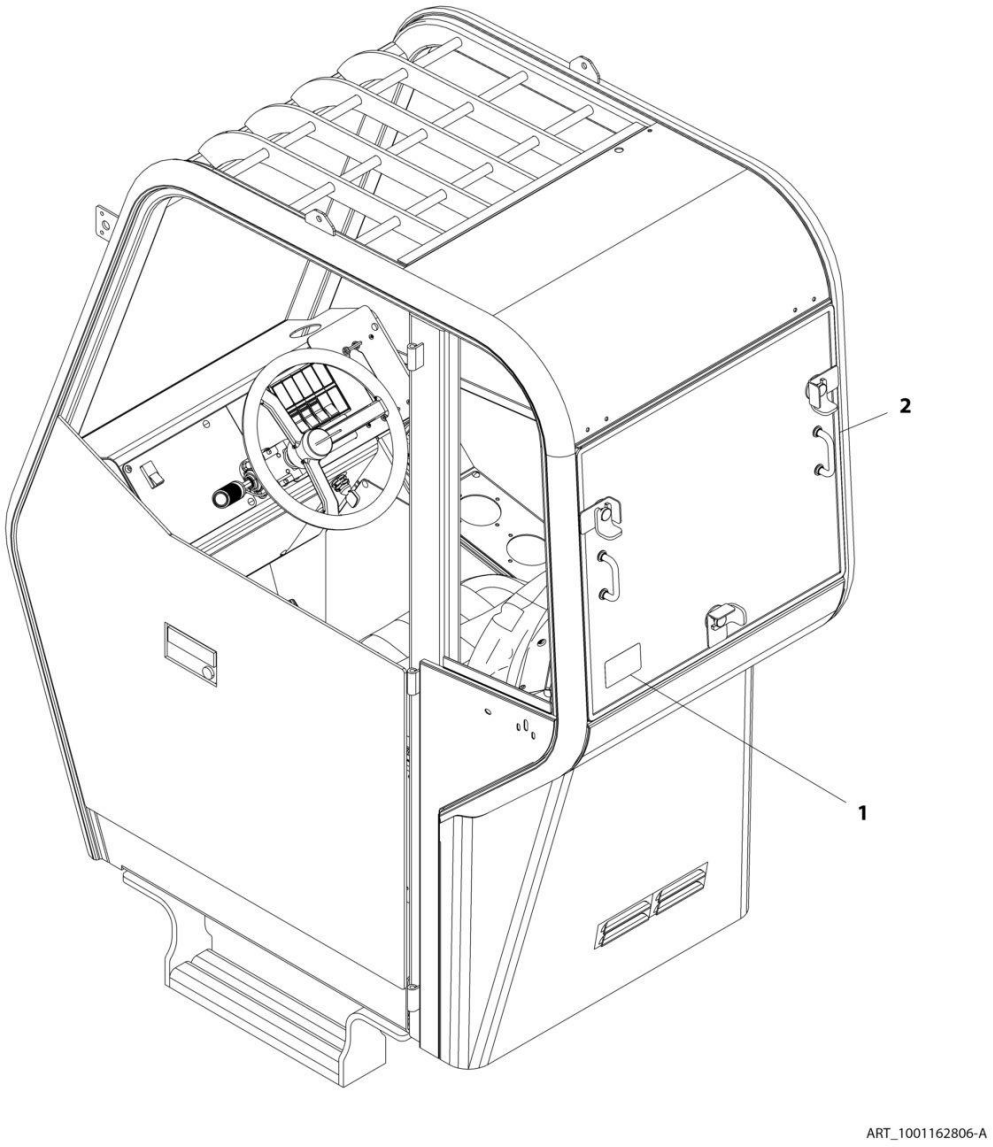


FIGURE 6-26. REAR WINDOW INSTALLATION (ANSI ENGLISH)

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

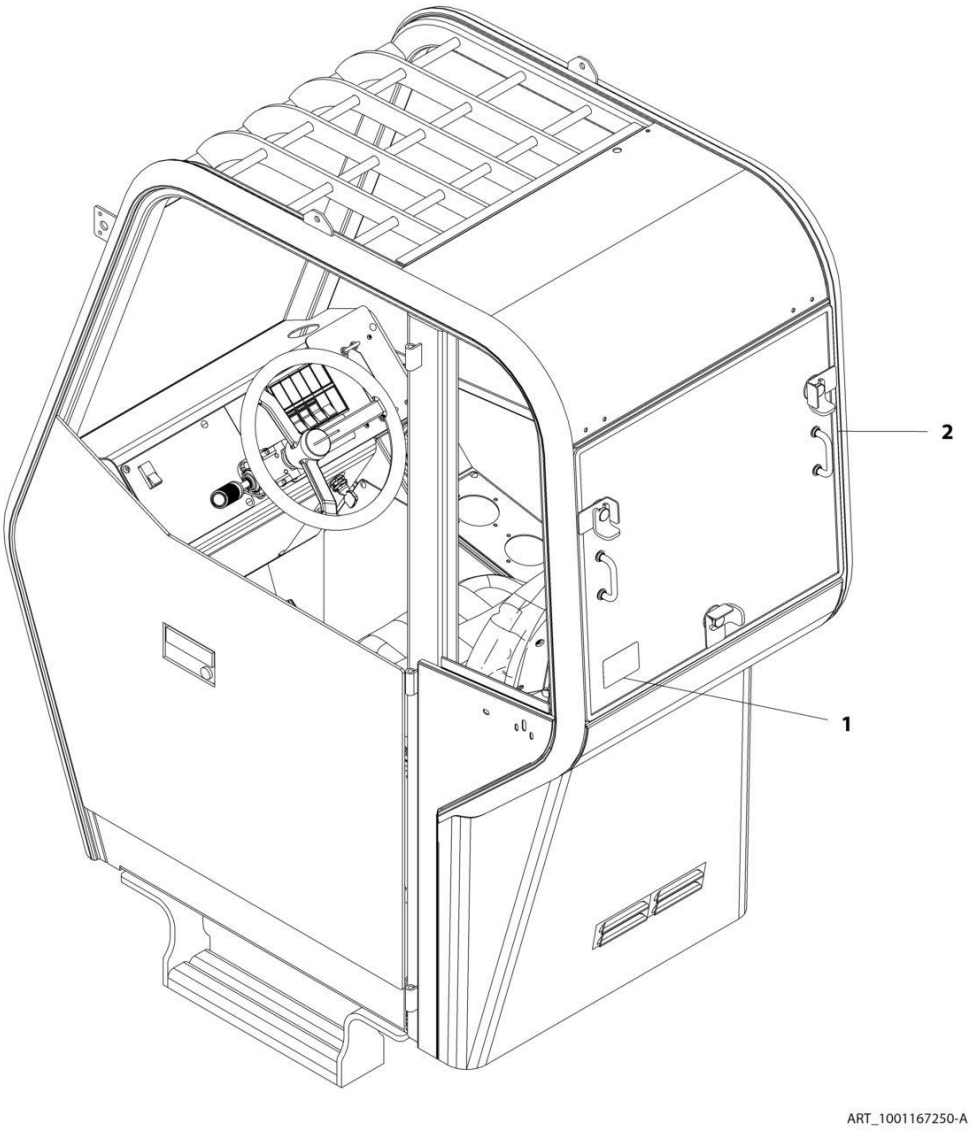


FIGURE 6-27. REAR WINDOW INSTALLATION (ENGLISH/SPANISH)

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 6-28. REAR WINDOW INSTALLATION (ENGLISH/SPANISH)

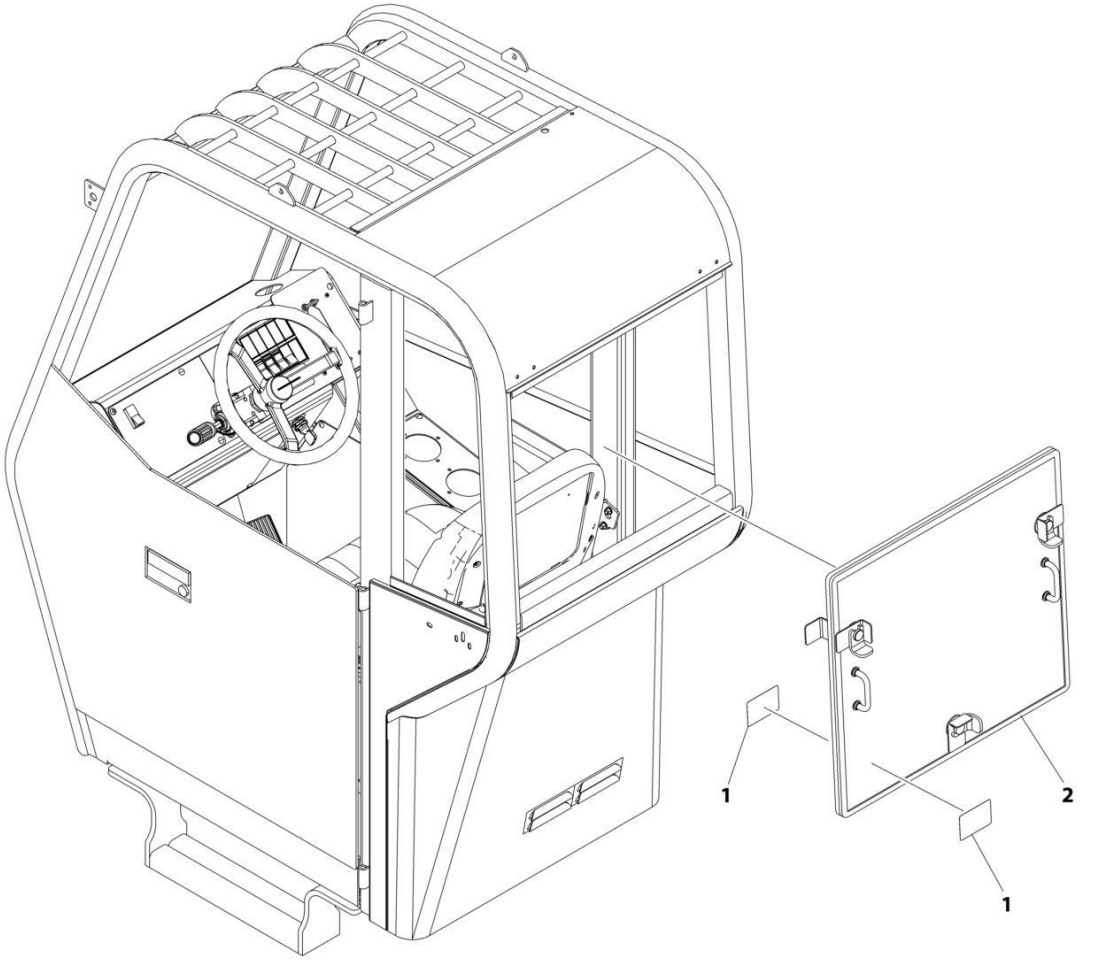


FIGURE 6-28. REAR WINDOW INSTALLATION (ENGLISH/SPANISH)

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 6-29. REAR WINDOW INSTALLATION (ISO)

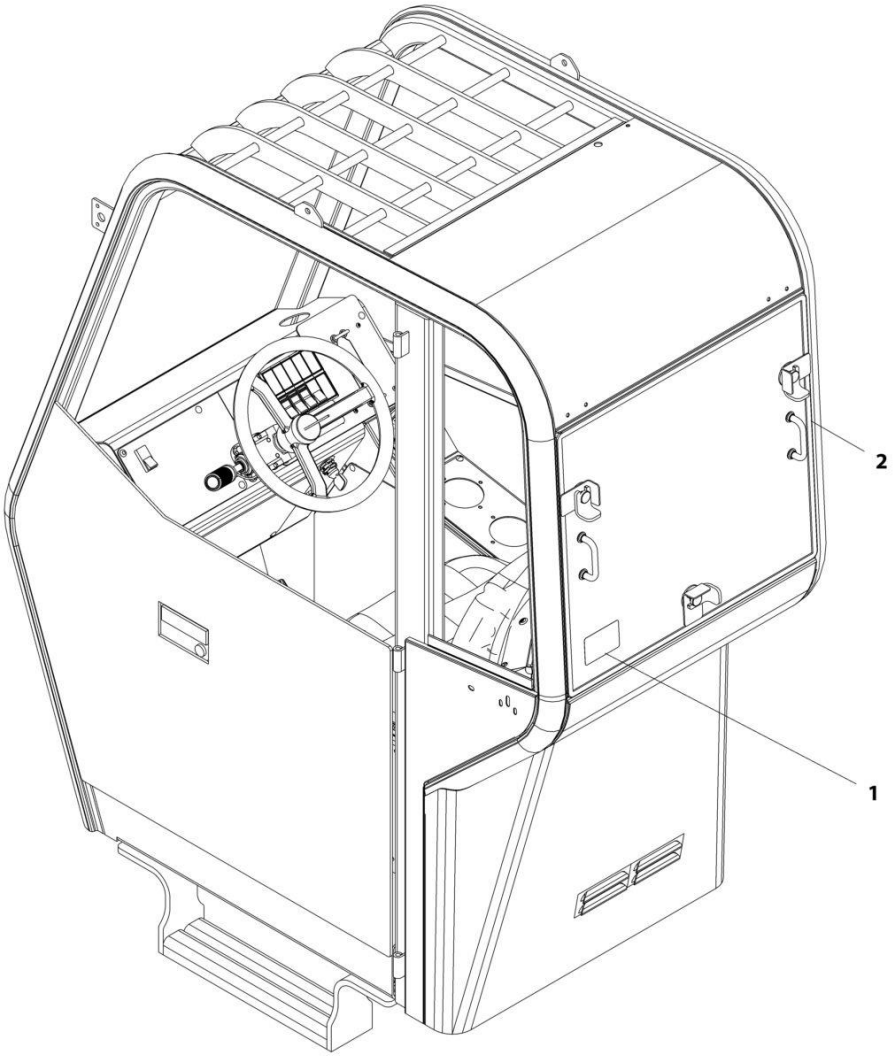


FIGURE 6-29. REAR WINDOW INSTALLATION (ISO)

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 6-30. SKYTRAK FIRE EXTINGUISHER INSTALLATION

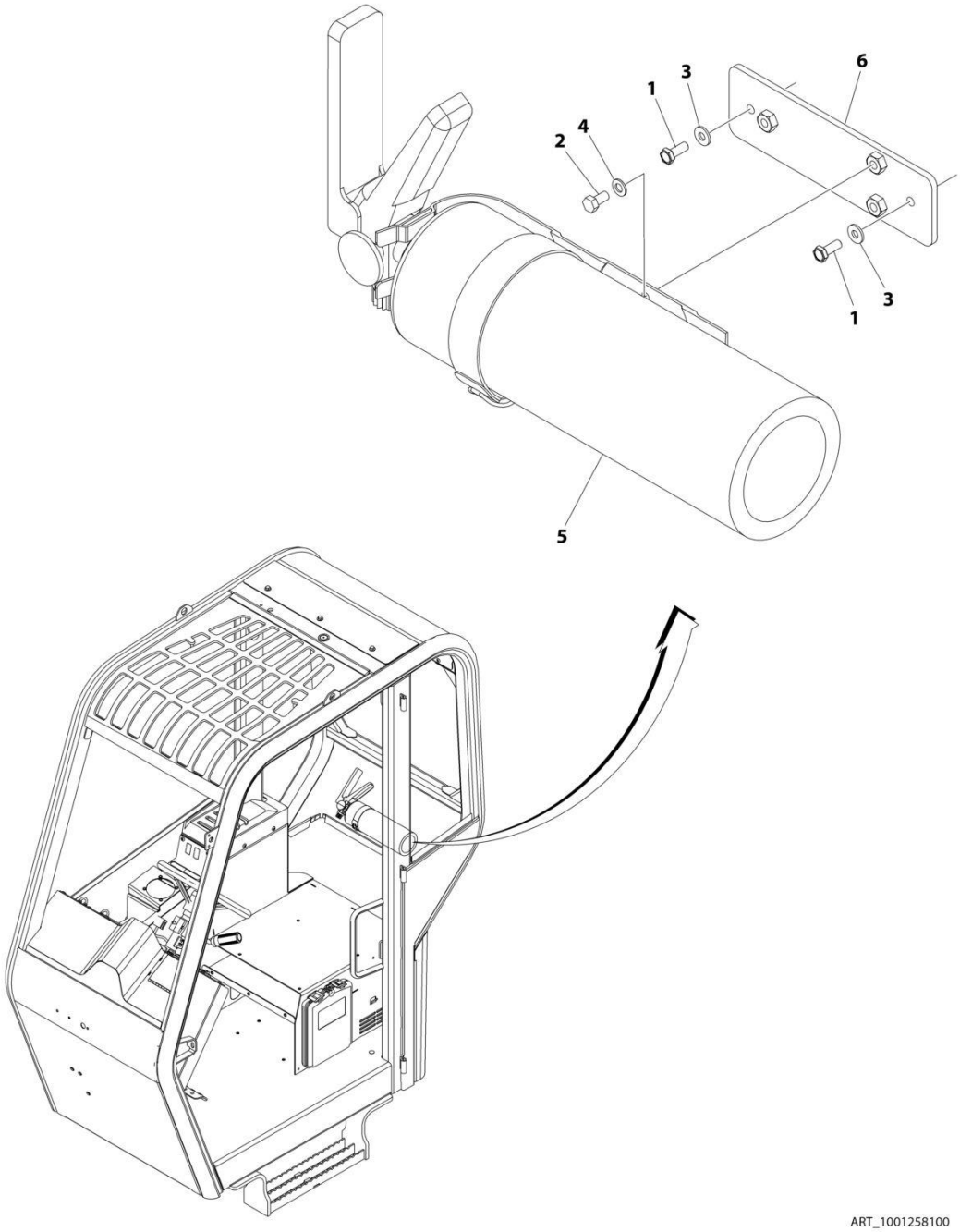


FIGURE 6-30. SKYTRAK FIRE EXTINGUISHER INSTALLATION

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. ACCELERATOR ASSEMBLY

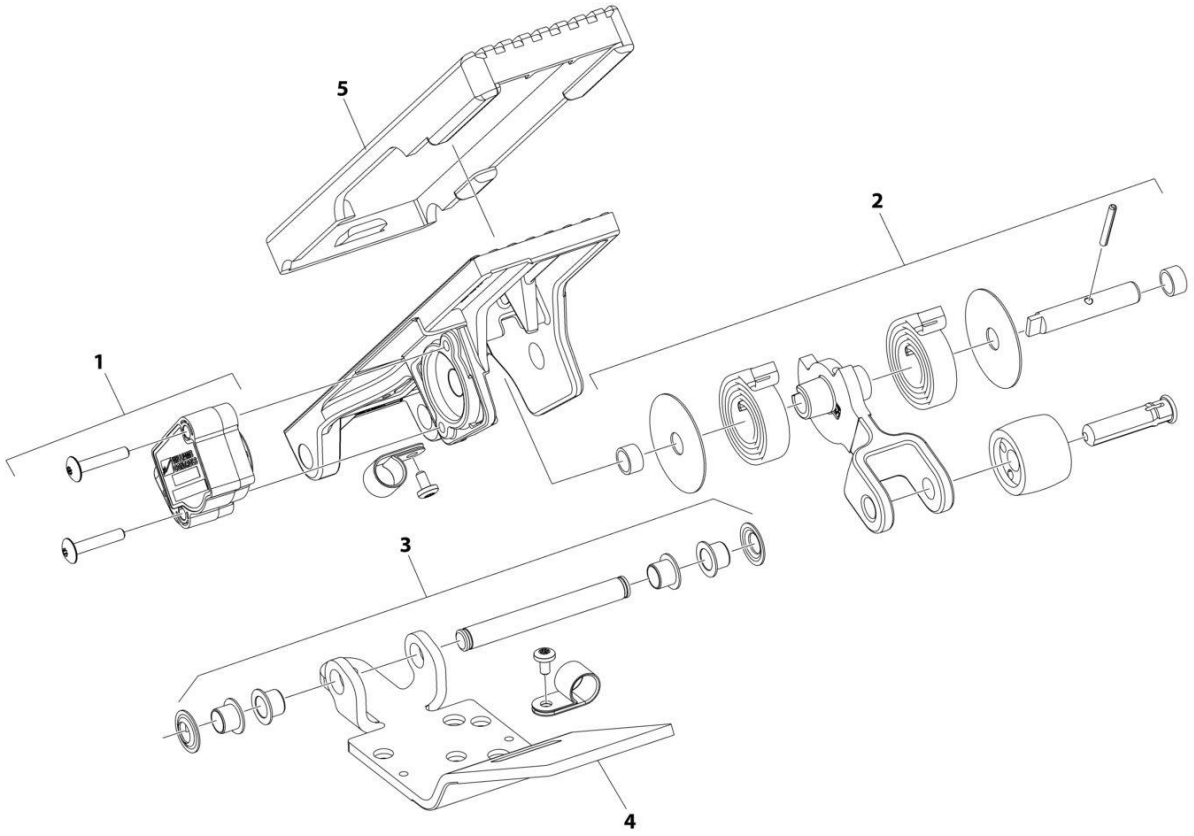


FIGURE 7-1. ACCELERATOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180555	Ref	Accelerator	D
1	70024319	1	Kit, Sensor	
2	70020404	1	Kit, Roller	
3	91554009	1	Kit, Pin	
4	70026074	1	Plate, Base	
5	91554005	1	Cover	

FIGURE 7-2. BRAKE ASSEMBLY

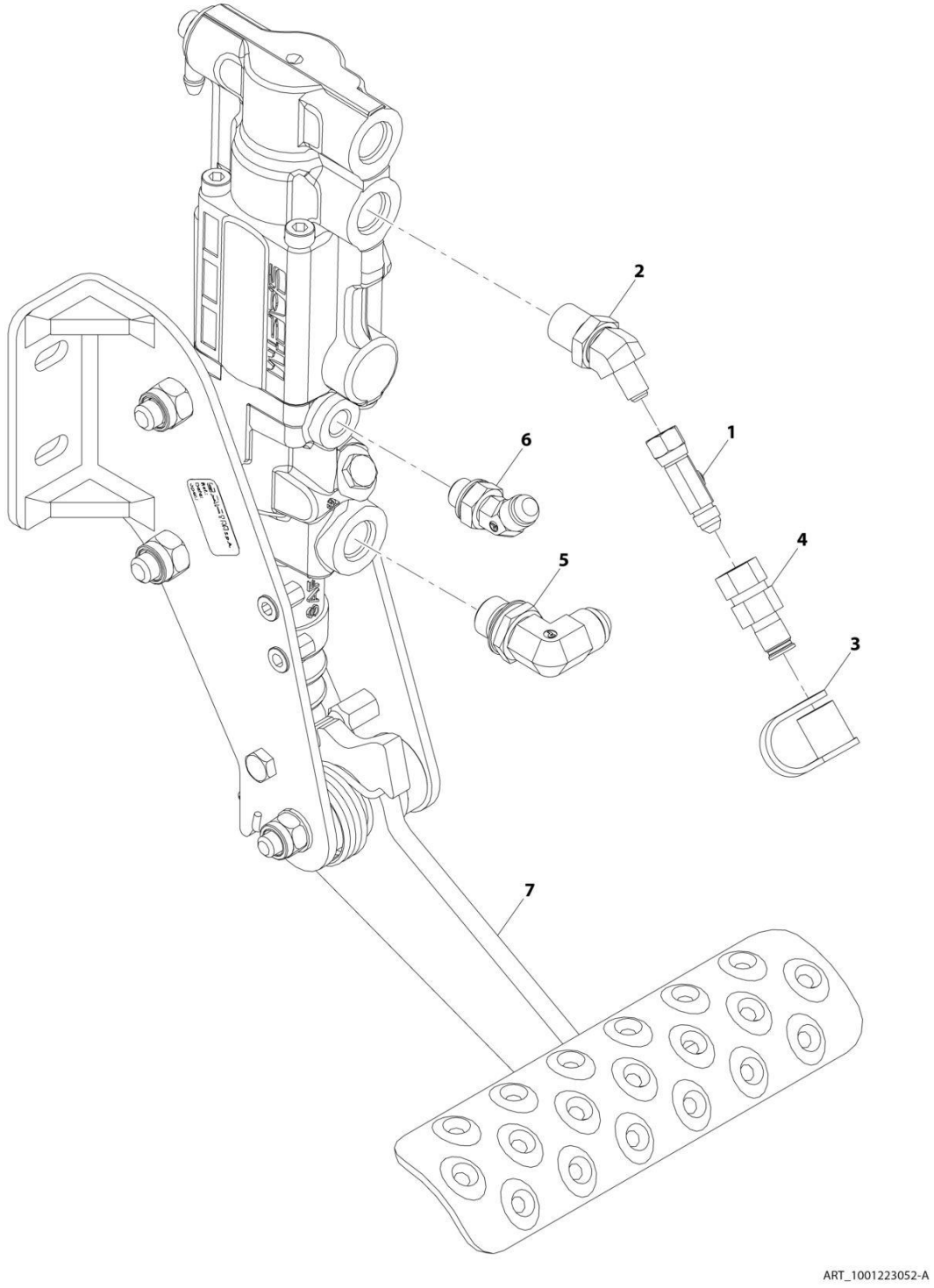


FIGURE 7-2. BRAKE ASSEMBLY

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 7-3. SECONDARY CONTROLS INSTALLATION

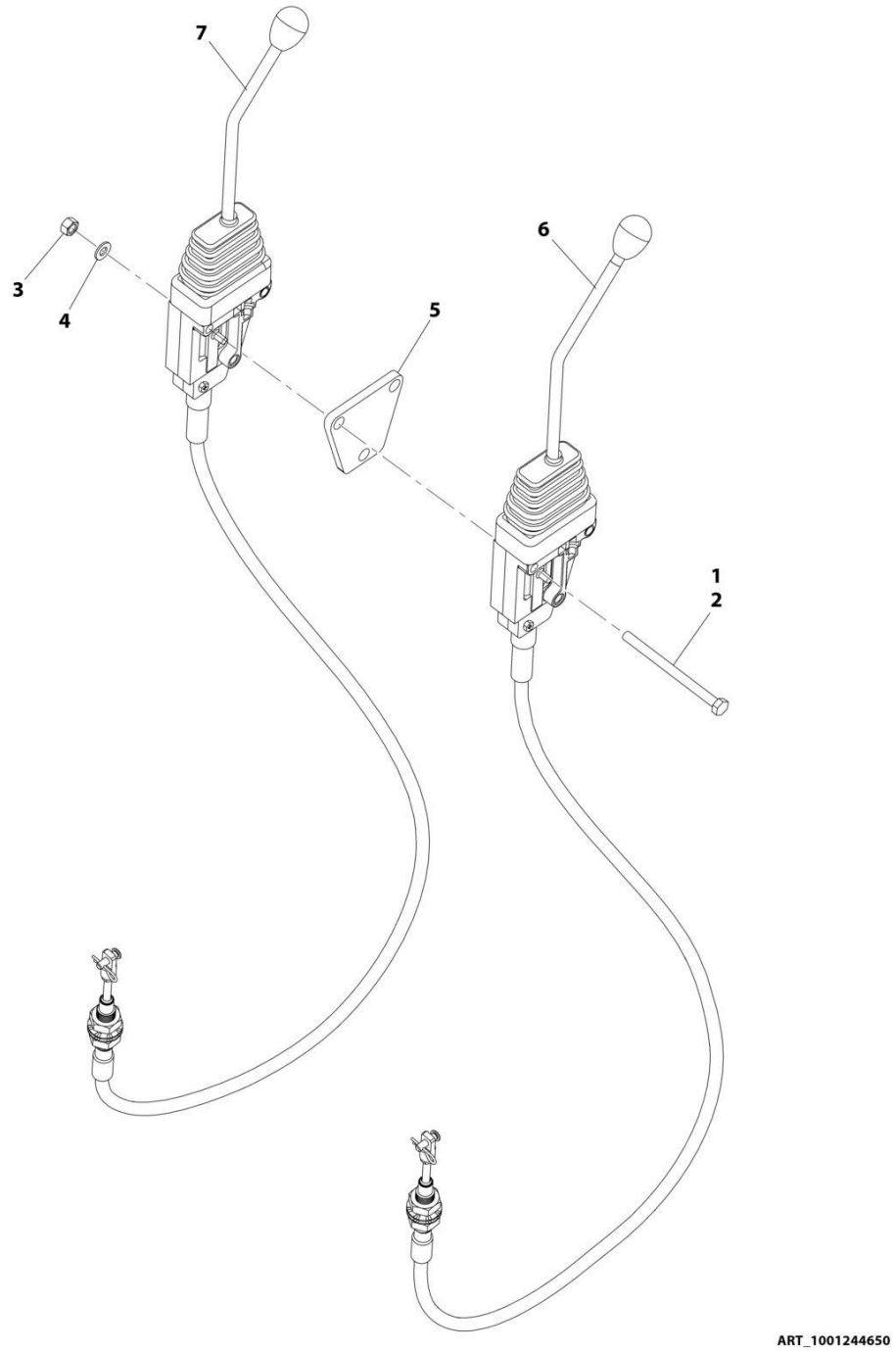


FIGURE 7-3. SECONDARY CONTROLS INSTALLATION

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 7-4. AUXILIARY CONTROL ASSEMBLY

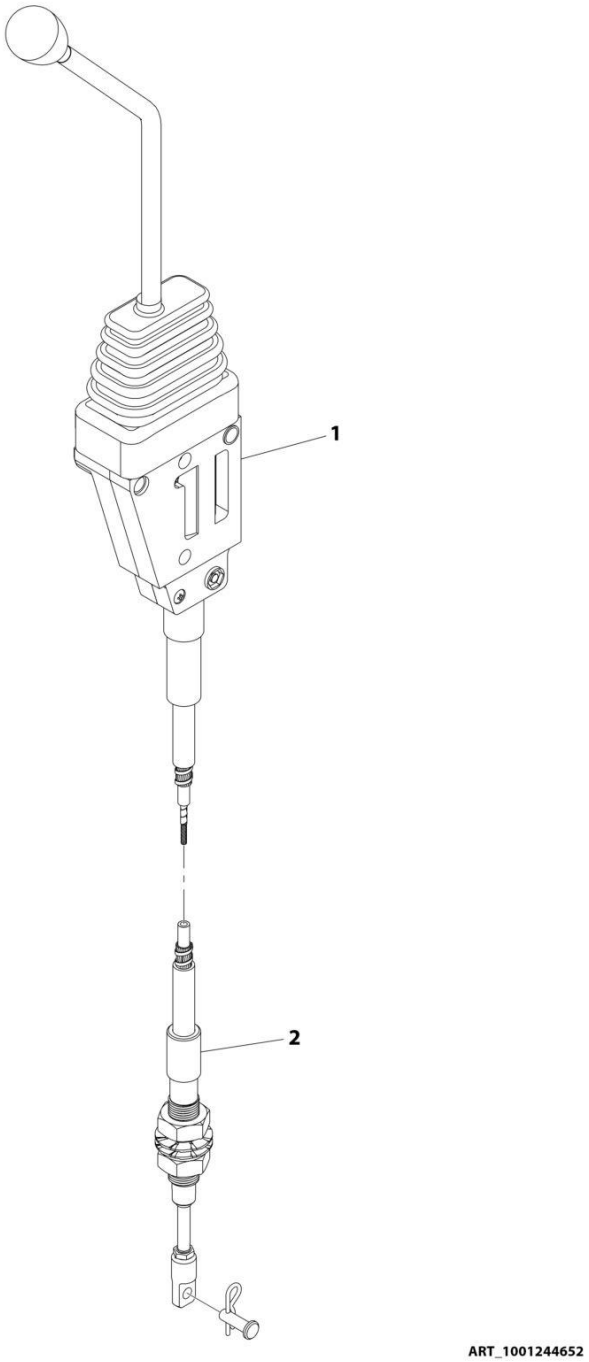


FIGURE 7-4. AUXILIARY CONTROL ASSEMBLY

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

FIGURE 7-5. FRAME LEVEL CONTROL ASSEMBLY

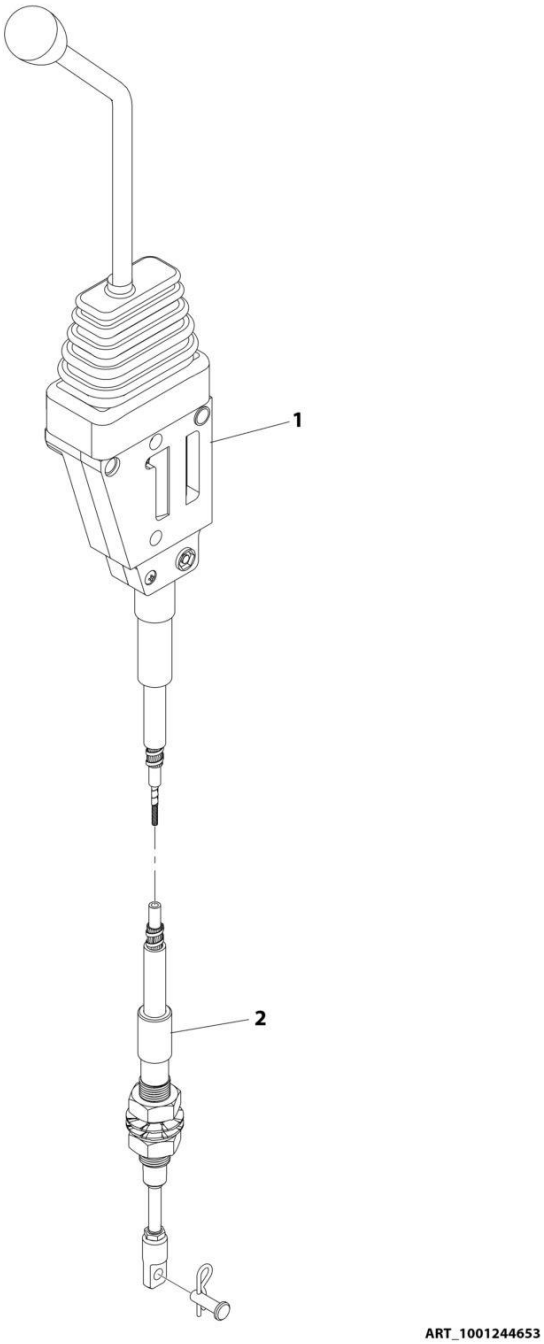


FIGURE 7-5. FRAME LEVEL CONTROL ASSEMBLY

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

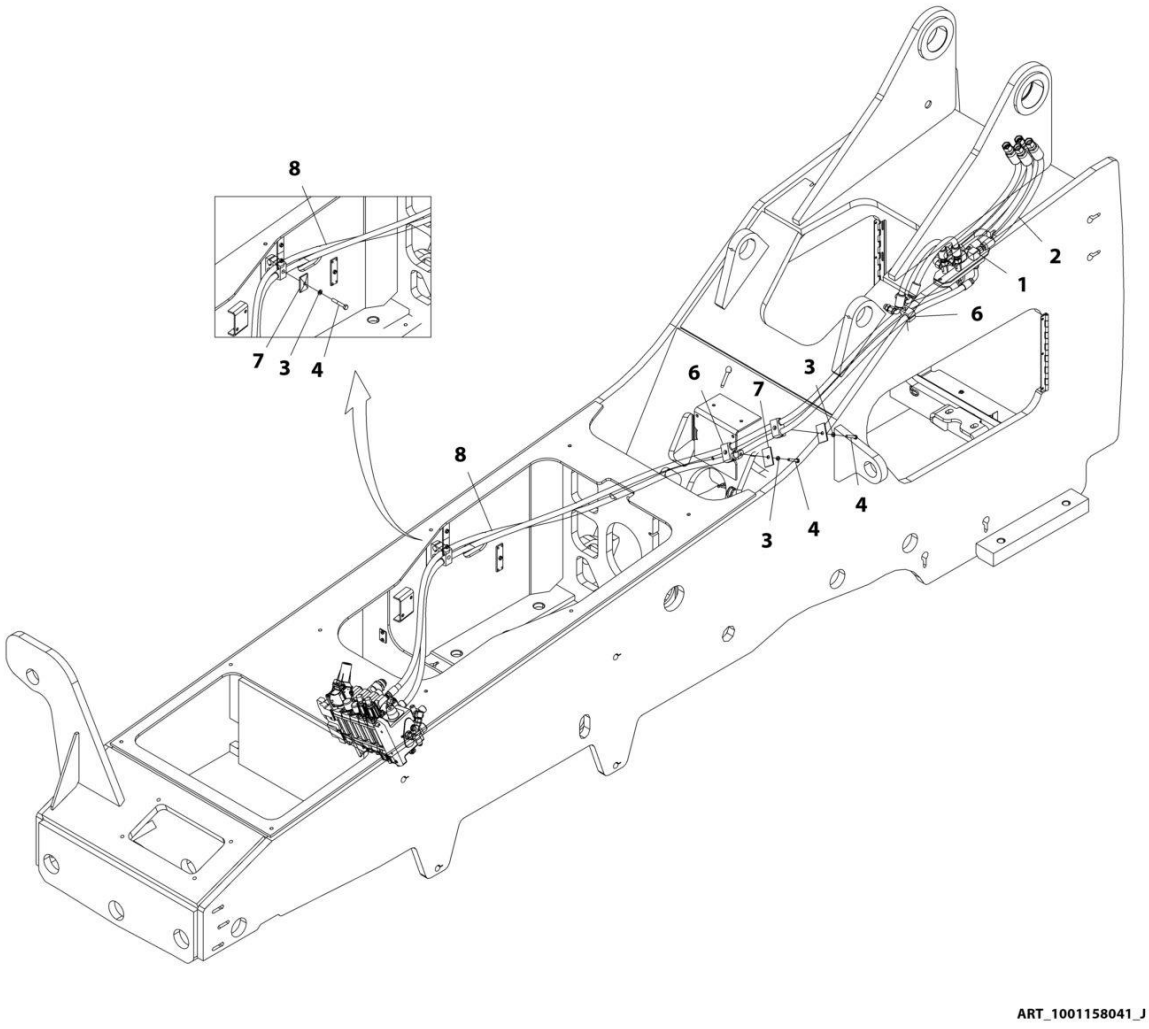


FIGURE 8-1. AUXILIARY CONTROLS HYDRAULICS INSTALLATION

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

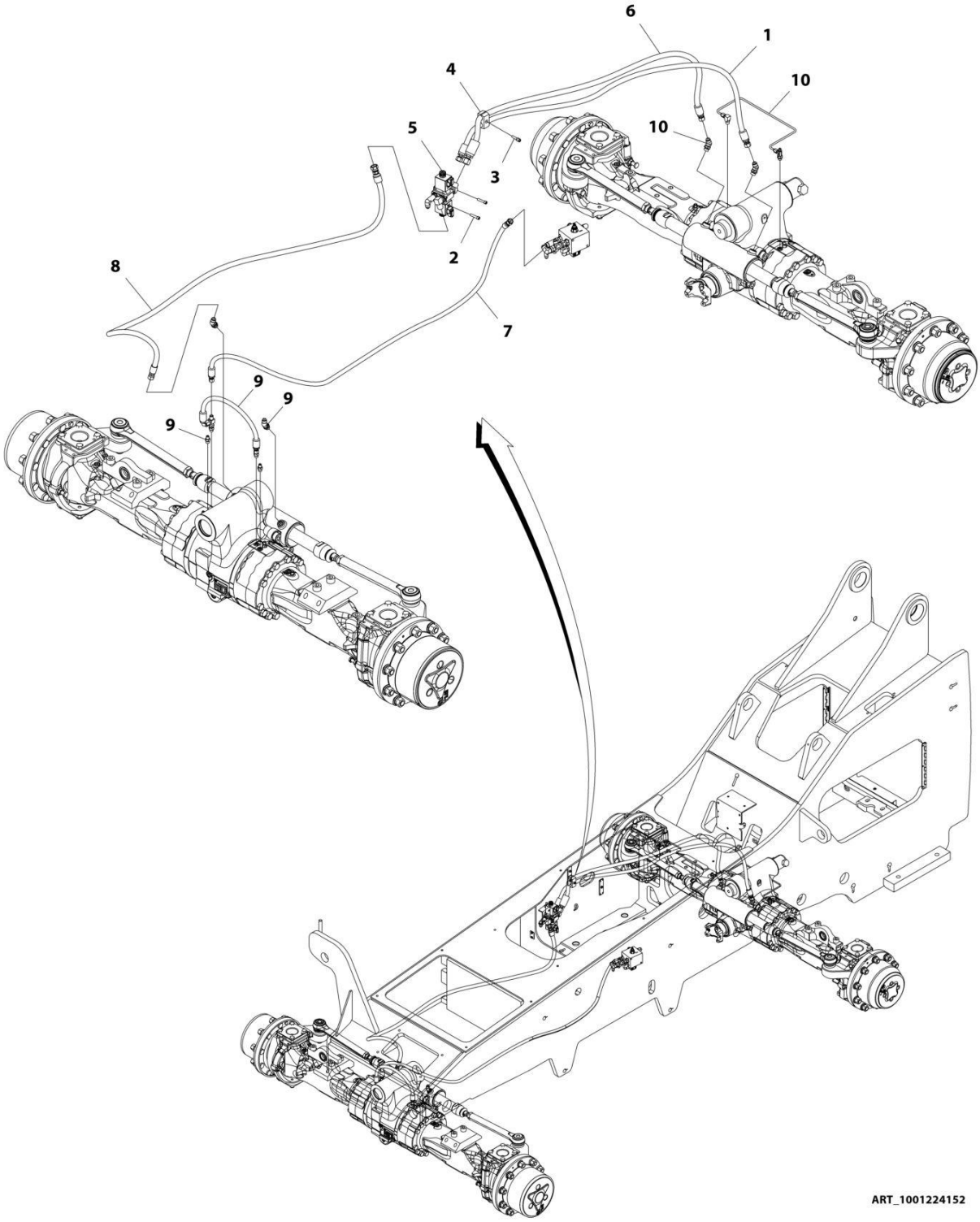


FIGURE 8-2. AXLE HYDRAULICS INSTALLATION

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

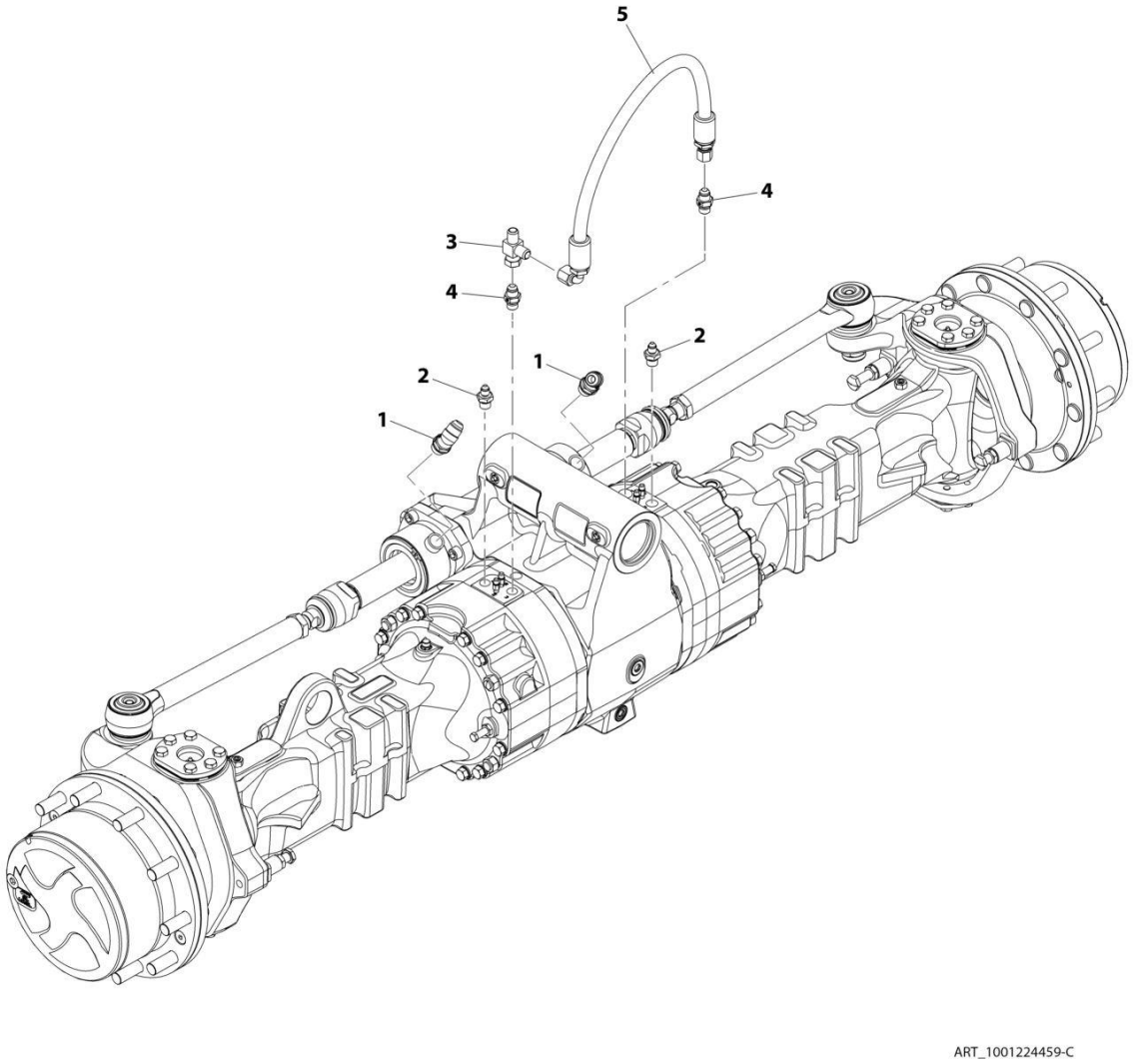


FIGURE 8-3. AXLE HYDRAULICS INSTALLATION - FRONT

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

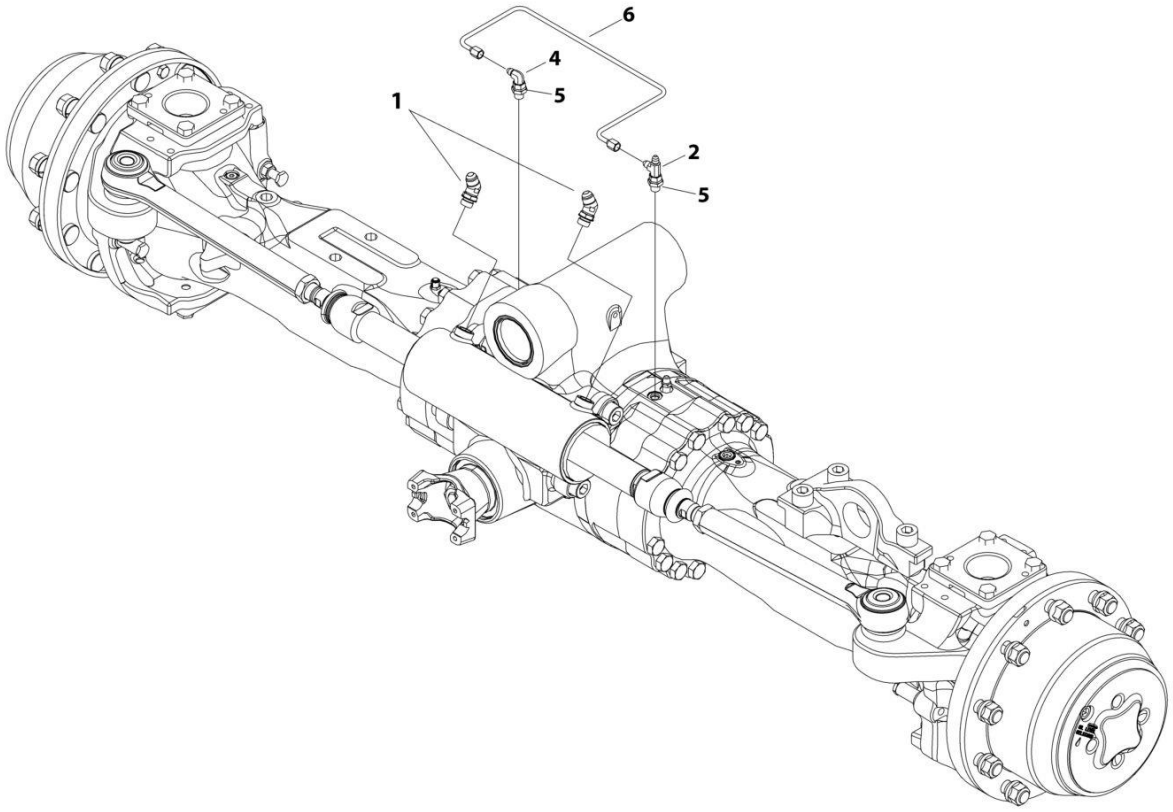


FIGURE 8-4. AXLE HYDRAULICS INSTALLATION - REAR

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

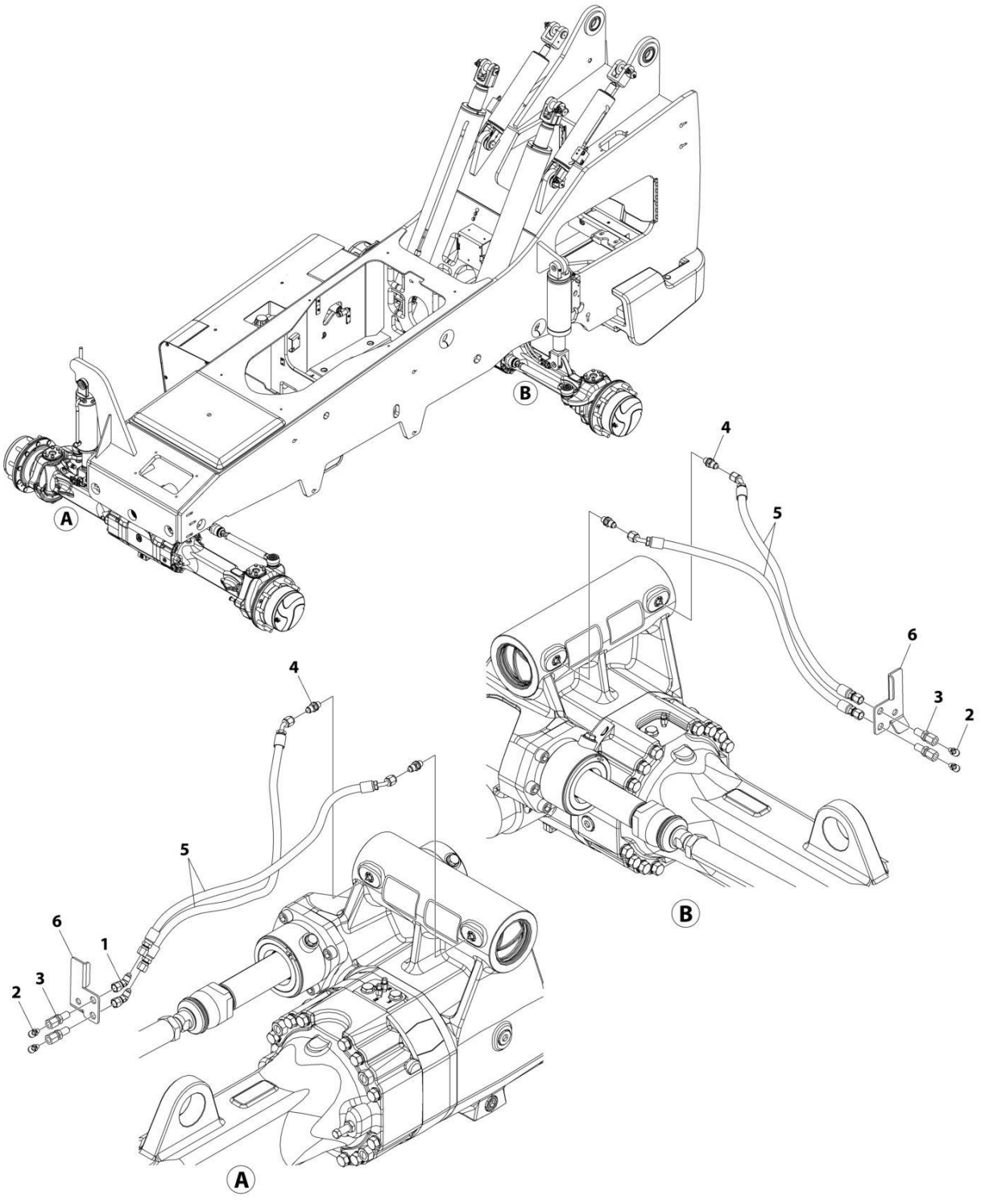


FIGURE 8-5. AXLE PIN LUBE HYDRAULICS INSTALLATION

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 (PVC1911) (10042,8042)

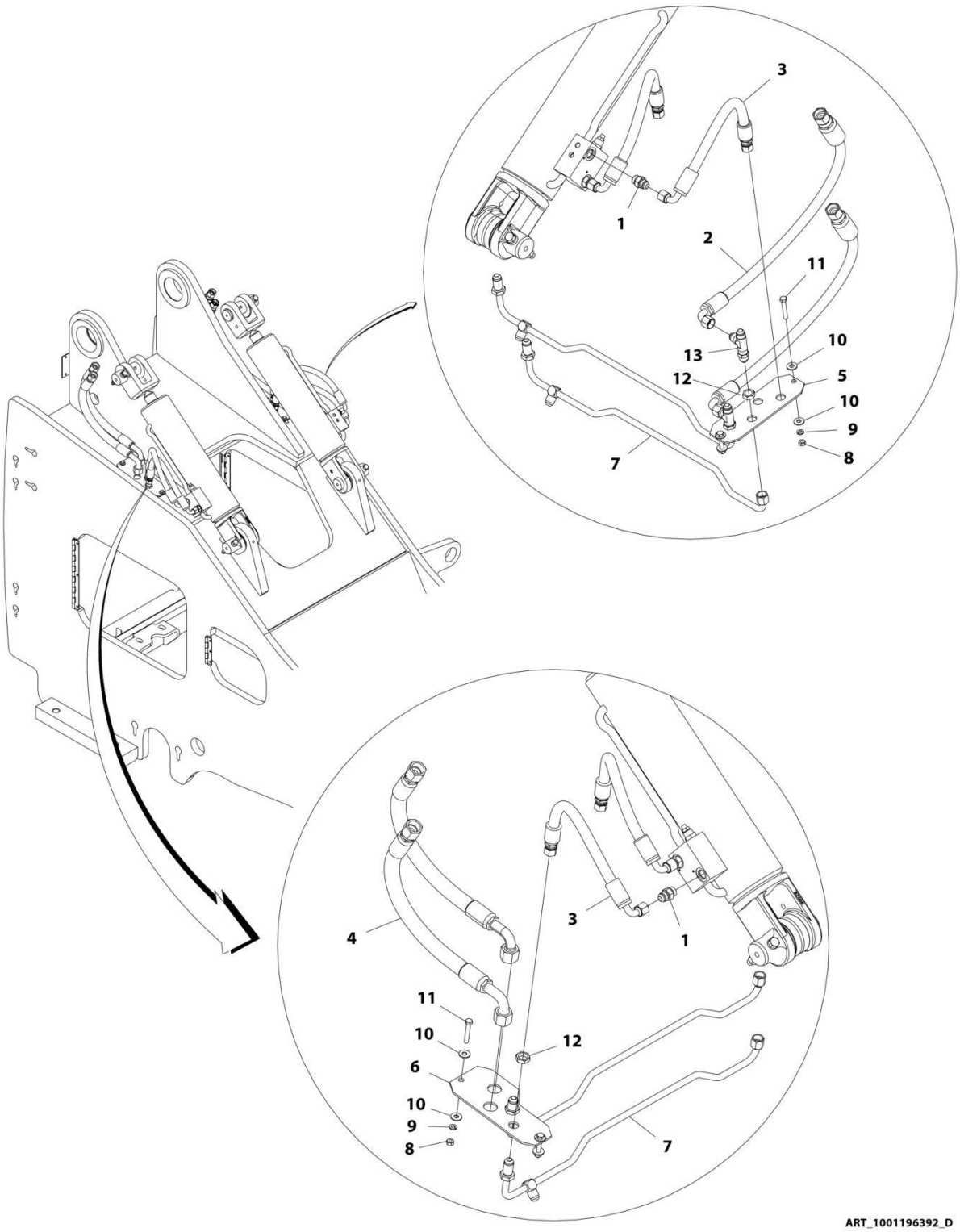


FIGURE 8-6. BULKHEAD (REAR) INSTALLATION (PVC1911) (10042,8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196392	Ref	Rear Bulkhead Installation	D
1	2220373	4	Adapter, Straight JIC	
2	2716714	2	Hose	
3	2716715	4	Hose	
4	2755060	2	Hose	
5	7139504	1	Plate, Bulkhead	
6	7139505	1	Plate, Bulkhead	
7	1001257571	1	Tube	
8	8305006	4	Nut 5/16	
9	8307004	4	Washer 5/16	
10	8307203	8	Washer 5/16	
11	8310009	4	Bolt 5/16X2	
12	8760463	4	Fitting Nut	
13	2220385	1	Fitting Tee	

FIGURE 8-7. BULKHEAD (REAR) INSTALLATION (PVC2005) (10042,8042)

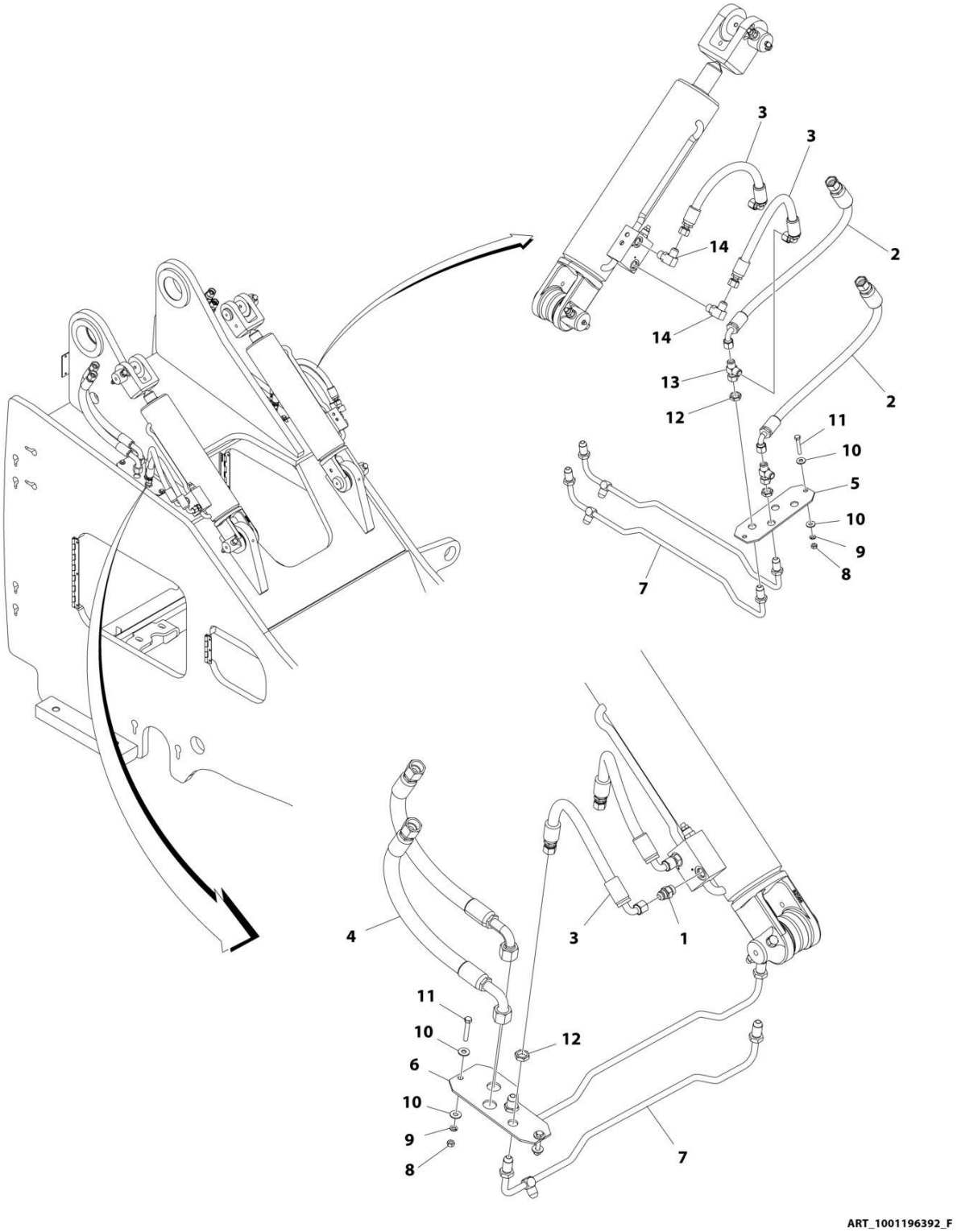


FIGURE 8-7. BULKHEAD (REAR) INSTALLATION (PVC2005) (10042,8042)

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

FIGURE 8-8. BULKHEAD (REAR) INSTALLATION (PVC1911) (10054)

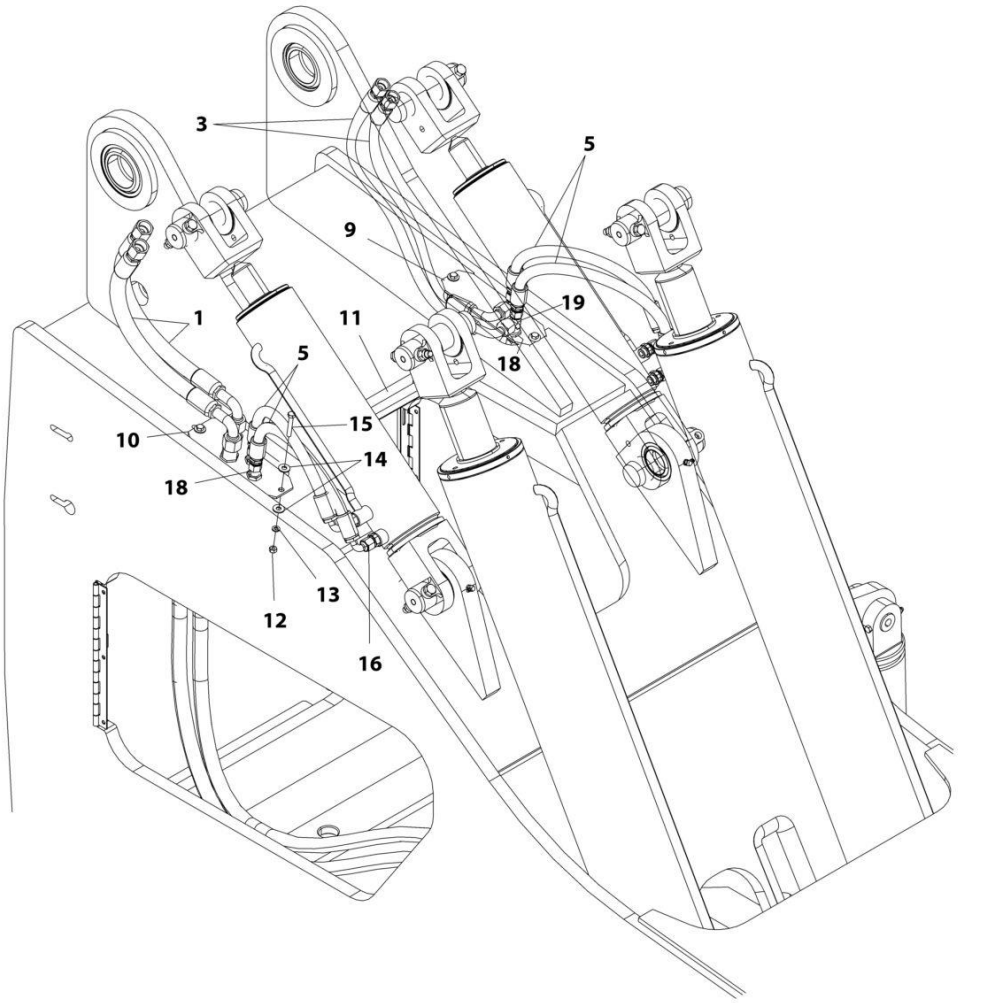


FIGURE 8-8. BULKHEAD (REAR) INSTALLATION (PVC1911) (10054)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7301721	Ref	Rear Bulkhead Installation	H
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	4	Fitting, Straight JIC	
18	8760463	2	Fitting, Nut	
19	2220385	2	Fitting, Tee	

FIGURE 8-9. BULKHEAD (REAR) INSTALLATION (PVC2005) (10054)

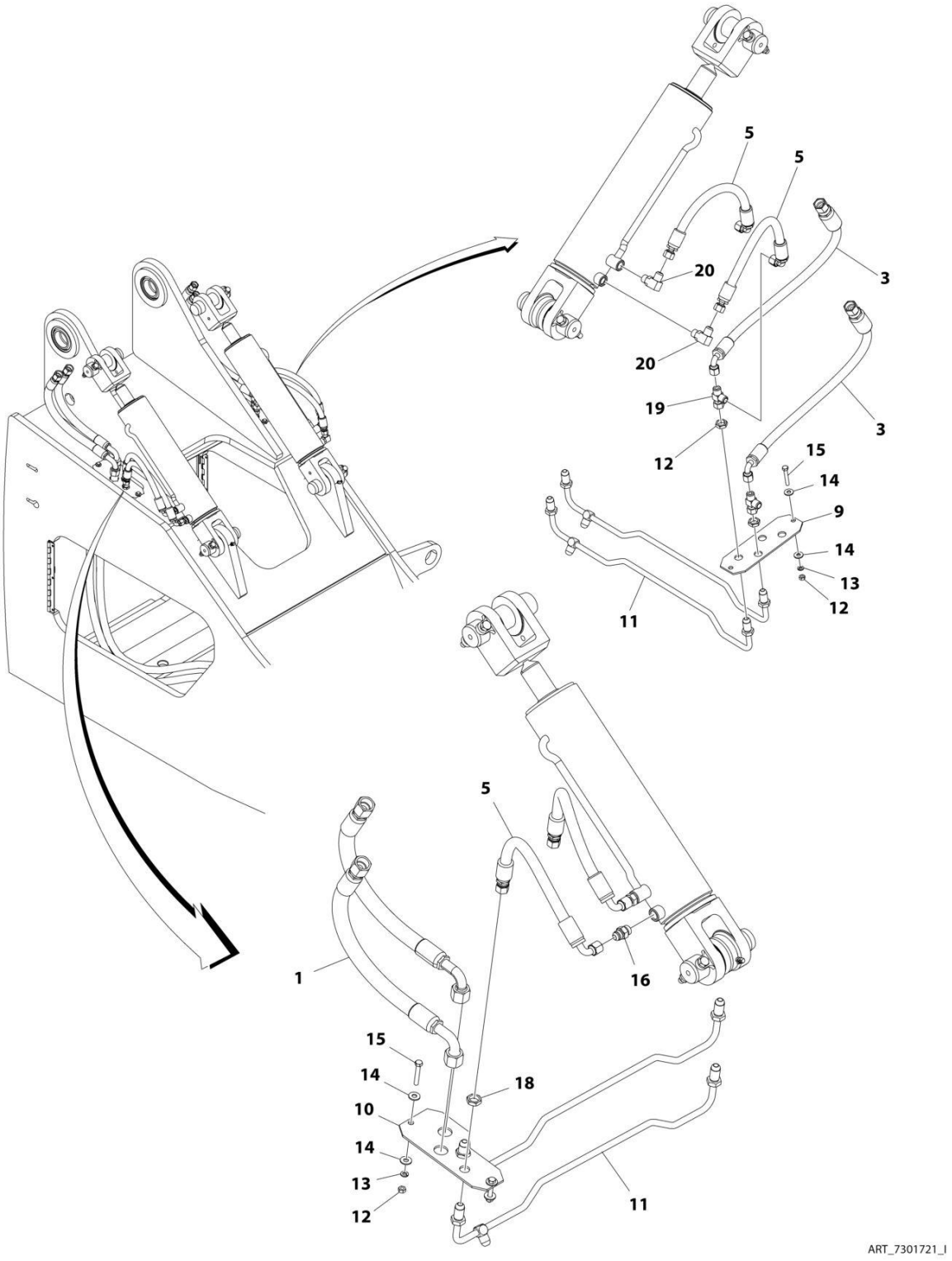


FIGURE 8-9. BULKHEAD (REAR) INSTALLATION (PVC2005) (10054)

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 8-10. CAB HYDRAULICS INSTALLATION

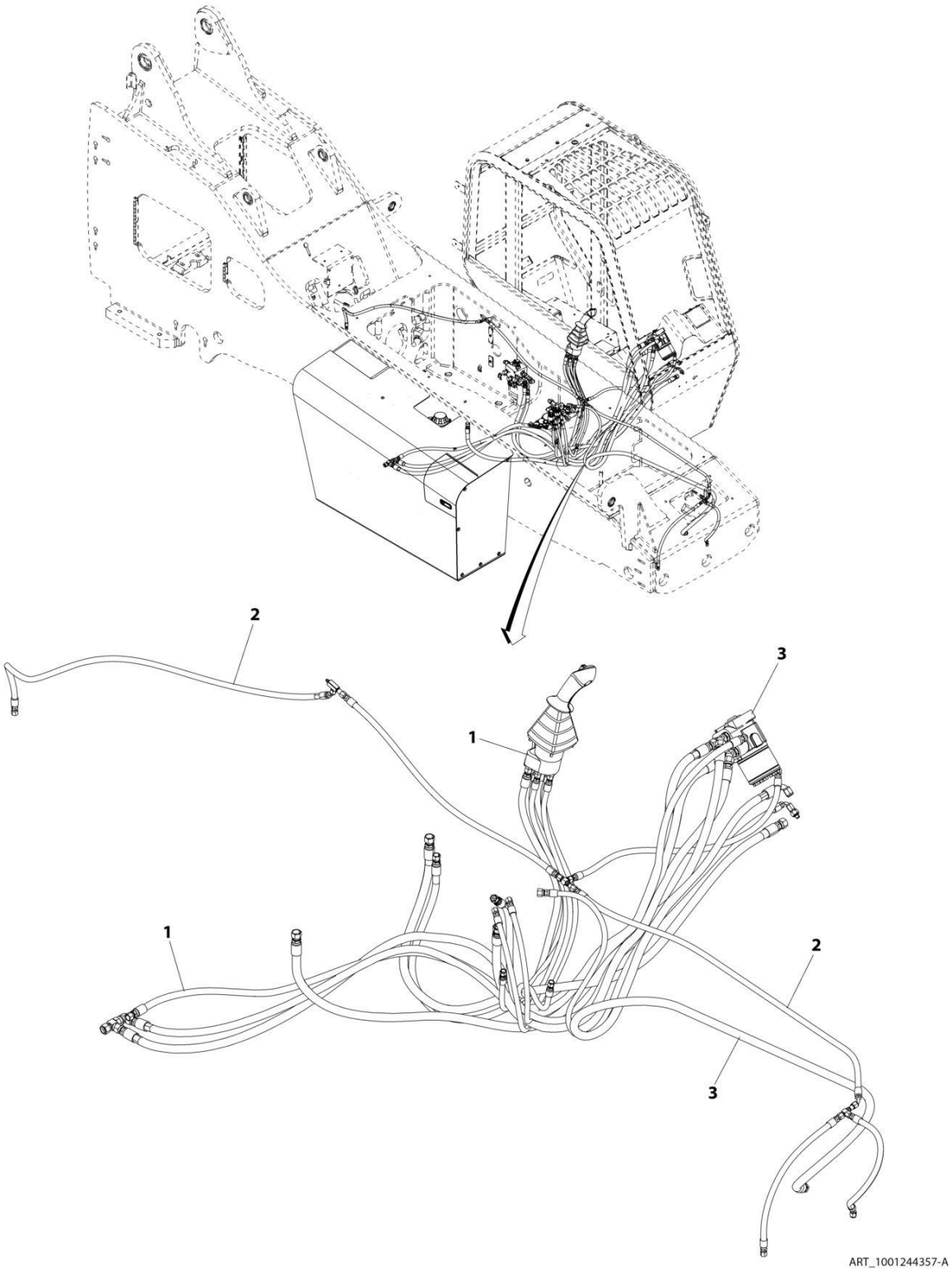


FIGURE 8-10. CAB HYDRAULICS INSTALLATION

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 8-11. CAB TO BRAKE HYDRAULICS INSTALLATION

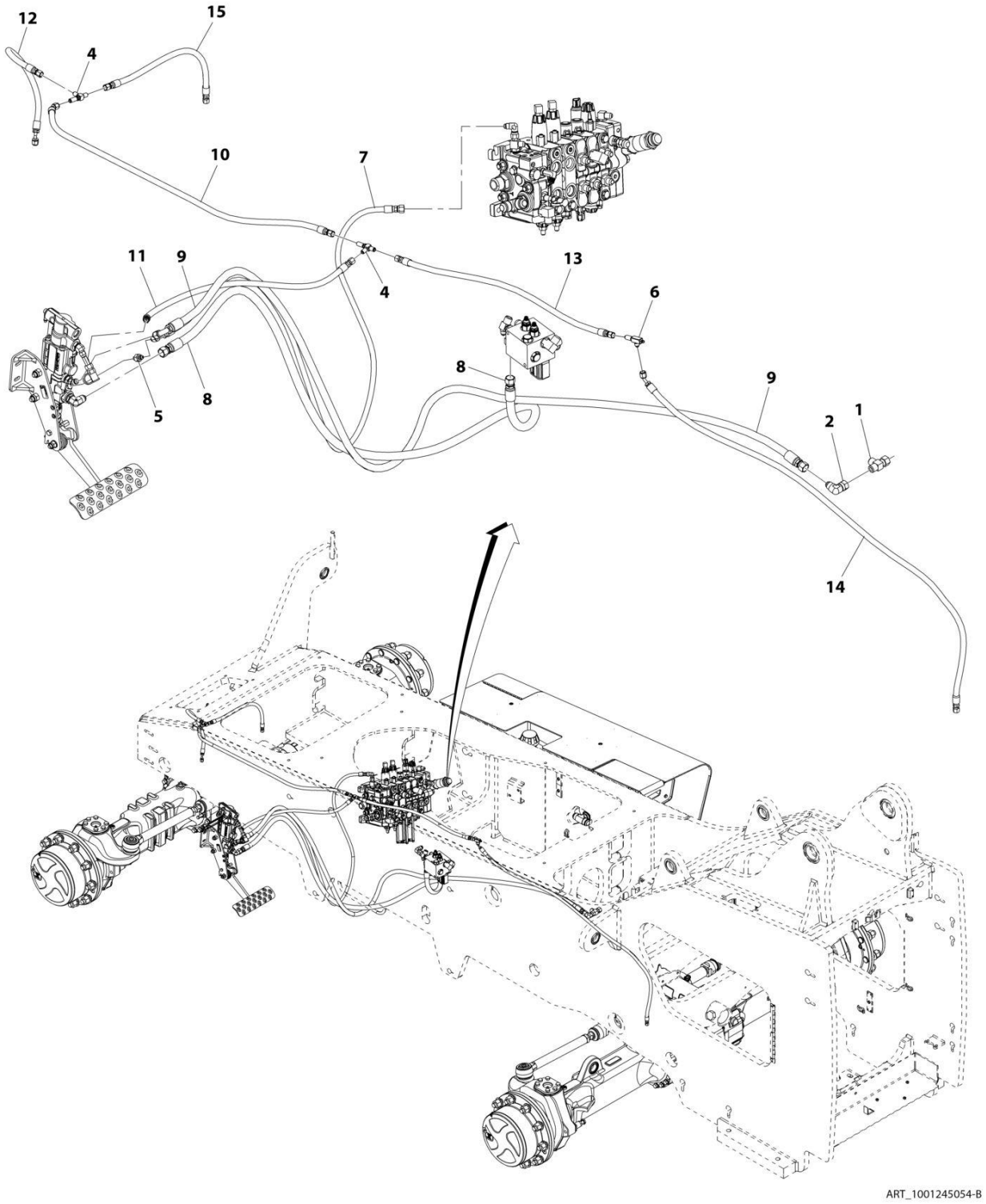


FIGURE 8-11. CAB TO BRAKE HYDRAULICS INSTALLATION

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 8-12. CAB PILOT CONTROLS HYDRAULICS INSTALLATION

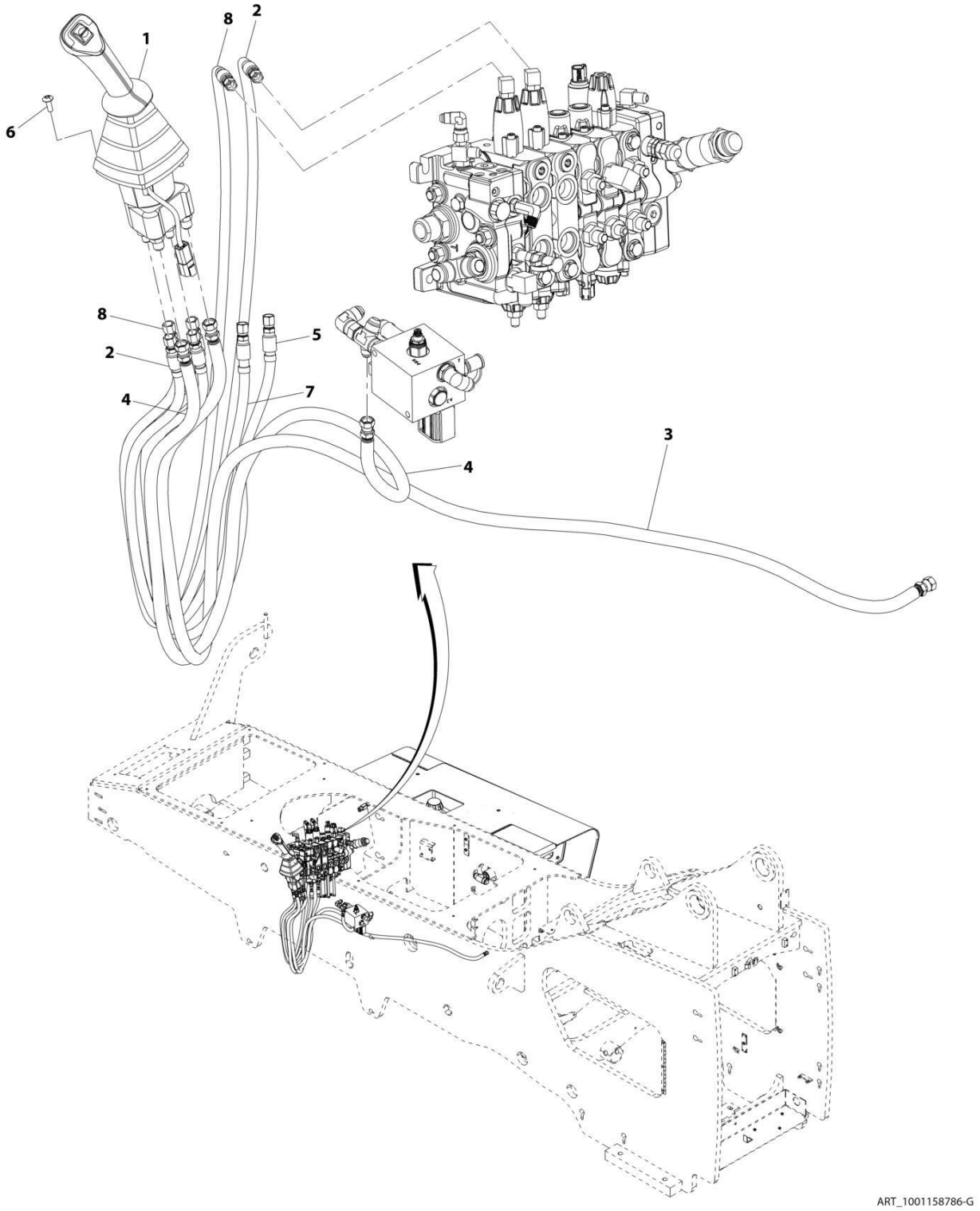
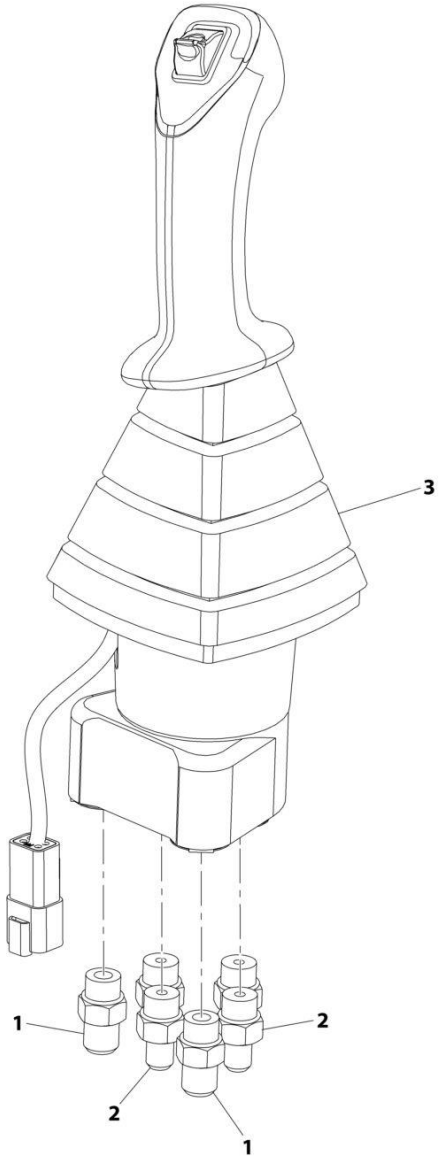


FIGURE 8-12. CAB PILOT CONTROLS HYDRAULICS INSTALLATION

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 8-13. CAB PILOT JOYSTICK & FITTING ASSEMBLY



ART_1001158004-B

FIGURE 8-13. CAB PILOT JOYSTICK & FITTING ASSEMBLY

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

FIGURE 8-14. CAB TO STEERING HYDRAULICS INSTALLATION

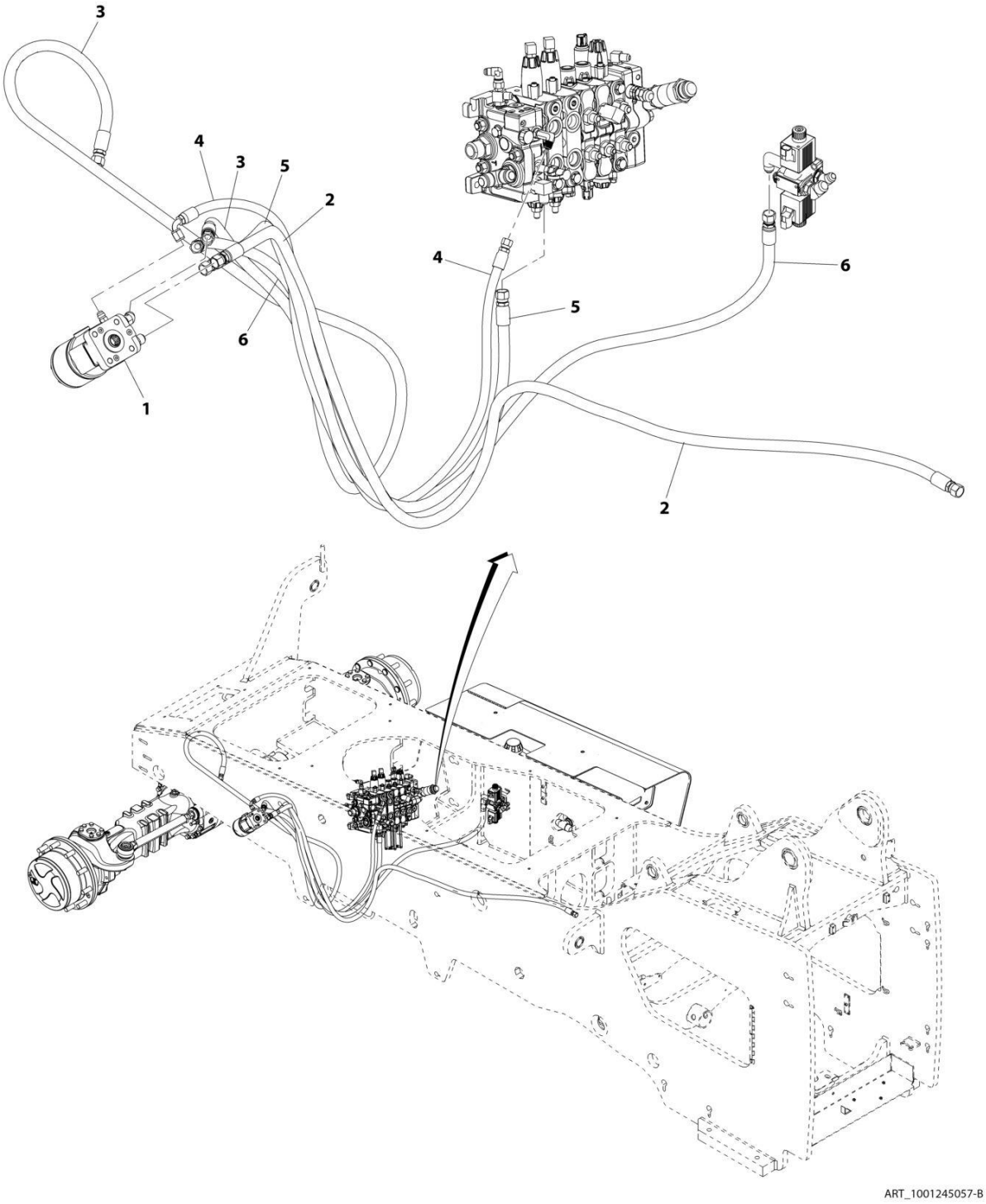


FIGURE 8-14. CAB TO STEERING HYDRAULICS INSTALLATION

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 8-15. CAB STEERING VALVE & FITTING ASSEMBLY

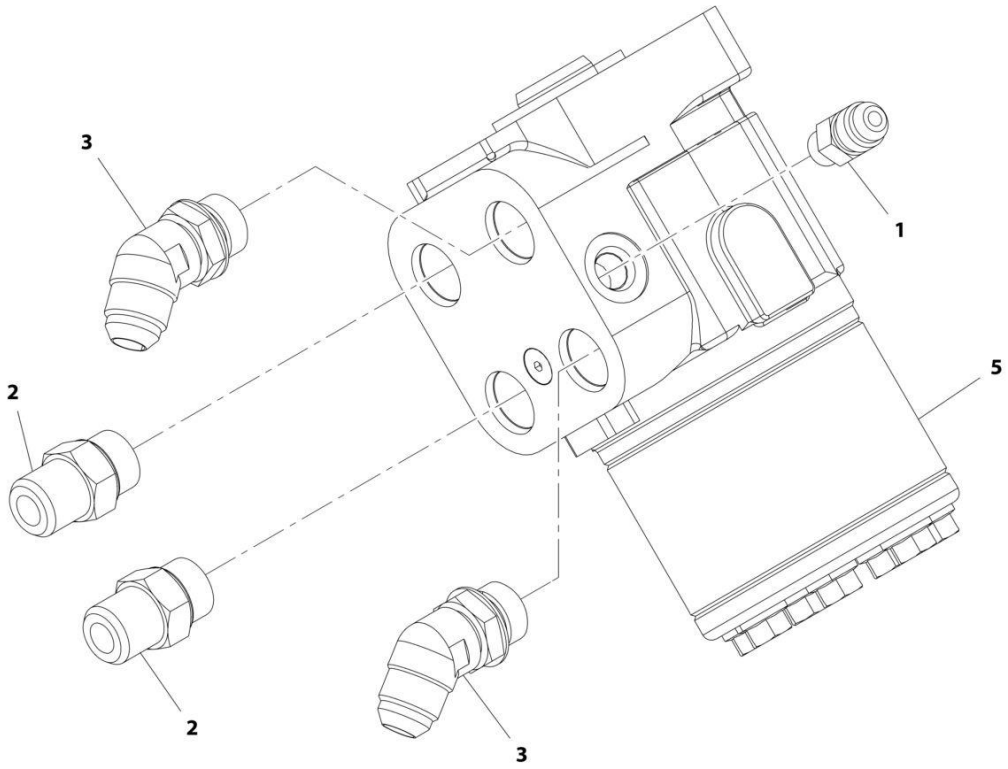


FIGURE 8-15. CAB STEERING VALVE & FITTING ASSEMBLY

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 8-16. COOLER HYDRAULICS INSTALLATION

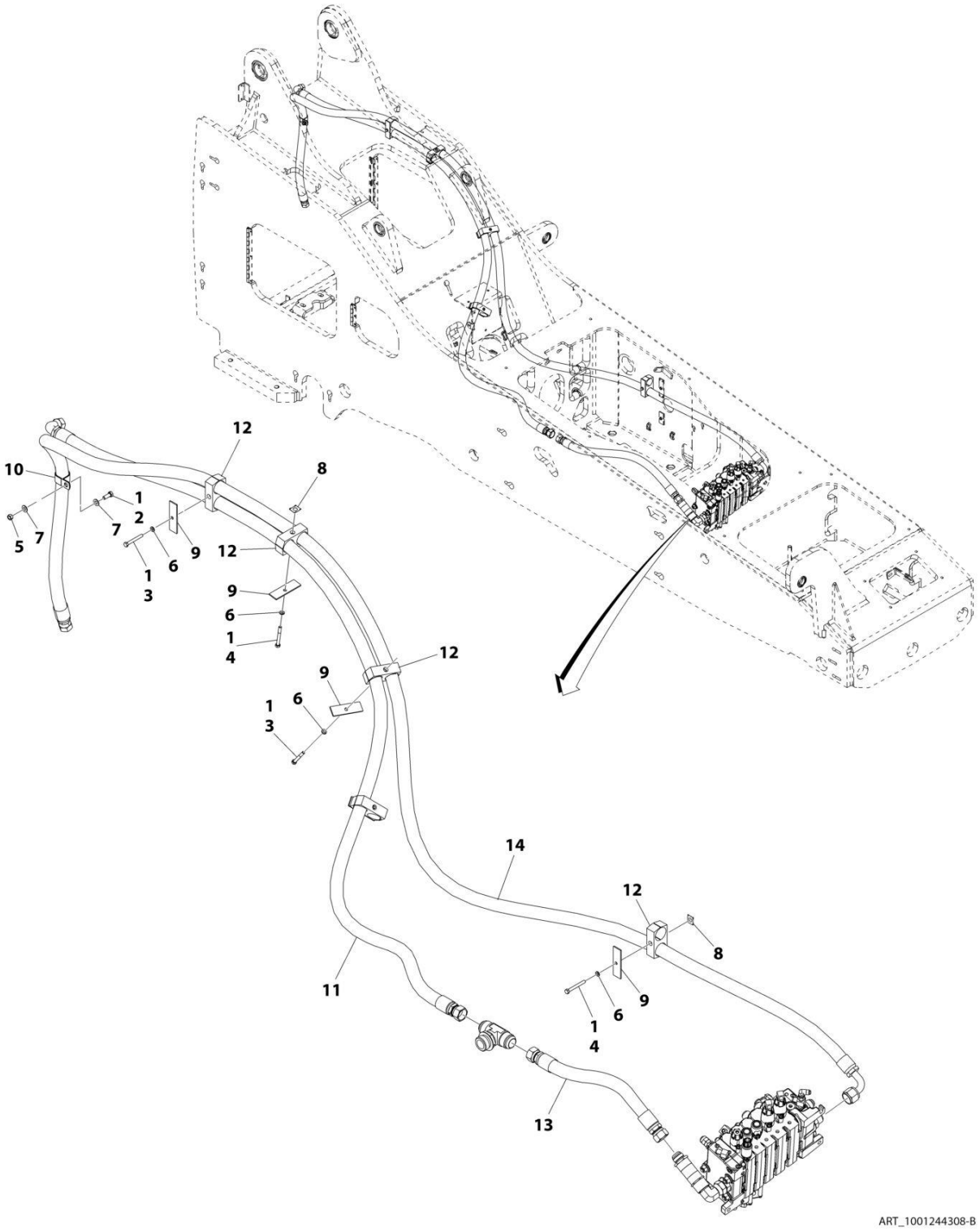


FIGURE 8-16. COOLER HYDRAULICS INSTALLATION

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 8-17. COOLER (TRANSMISSION) HYDRAULICS INSTALLATION

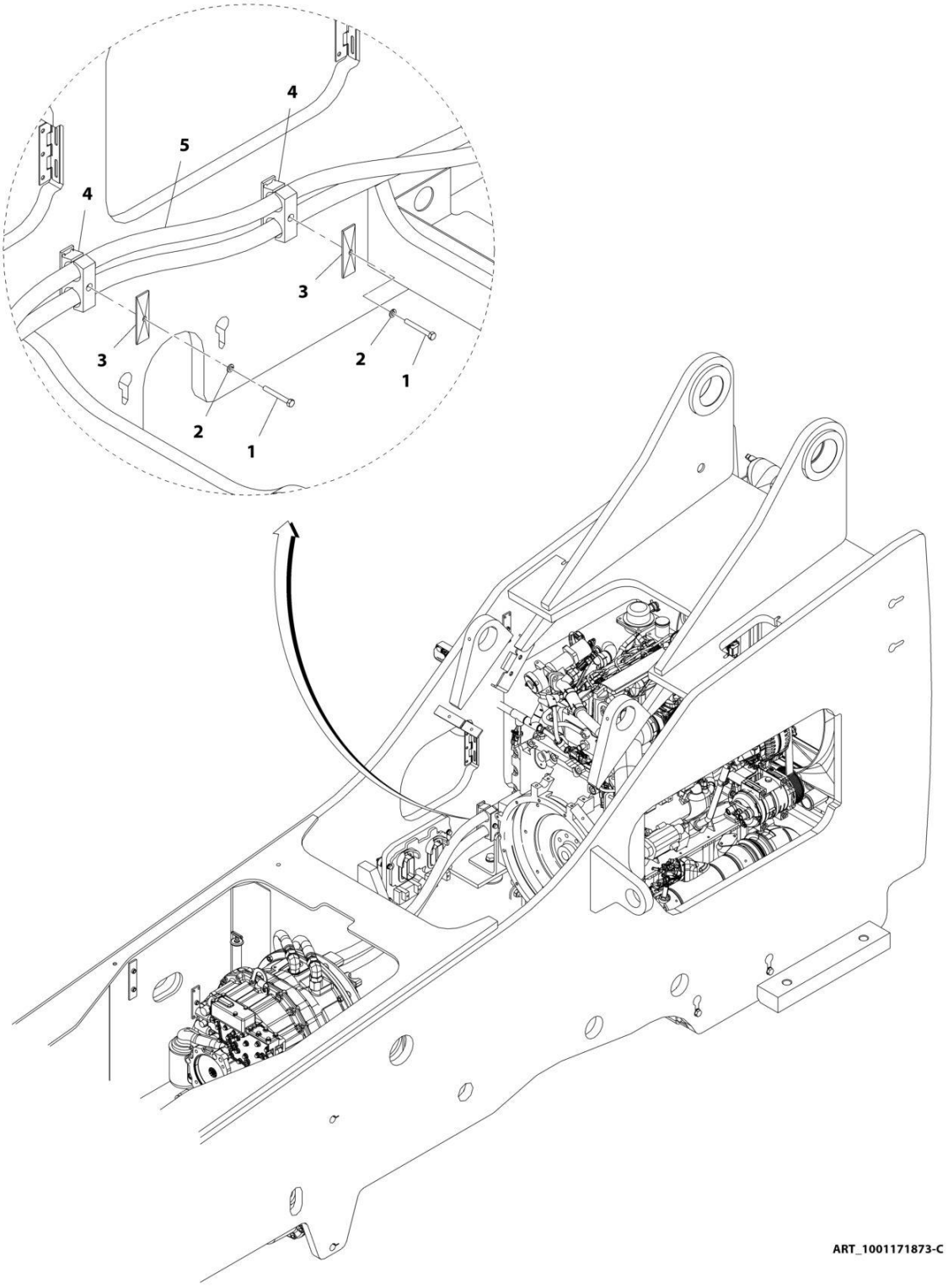


FIGURE 8-17. COOLER (TRANSMISSION) HYDRAULICS INSTALLATION

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 8-18. CYLINDER HYDRAULICS INSTALLATION - BOOM EXTEND

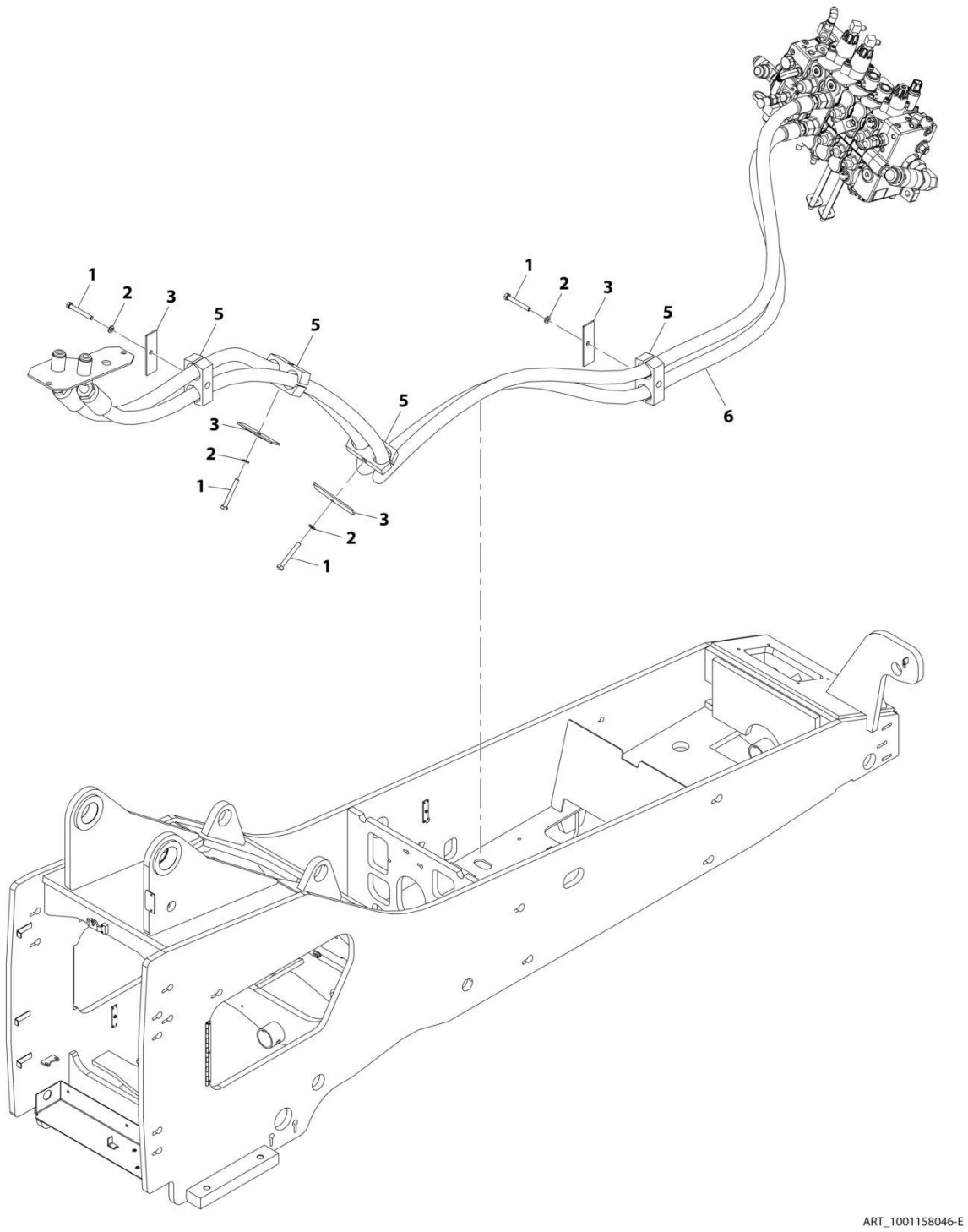


FIGURE 8-18. CYLINDER HYDRAULICS INSTALLATION - BOOM EXTEND

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 8-19. CYLINDER HYDRAULICS INSTALLATION - FRAME

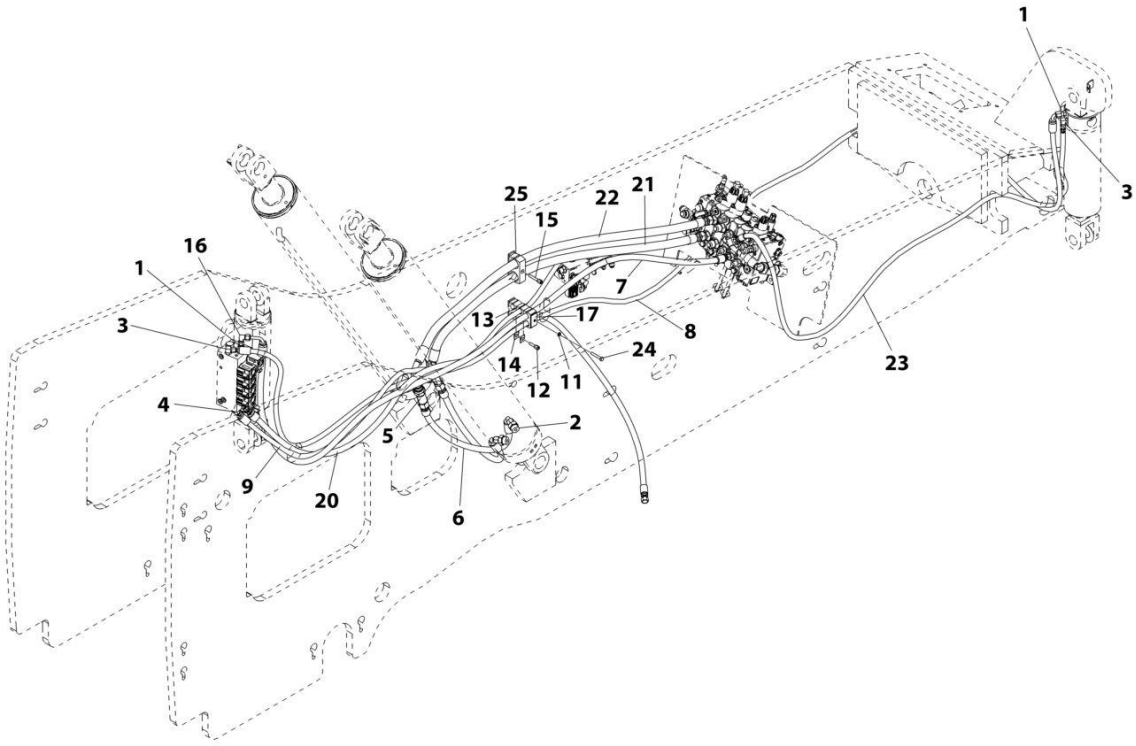


FIGURE 8-19. CYLINDER HYDRAULICS INSTALLATION - FRAME

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 8-20. CYLINDER HYDRAULICS INSTALLATION - TELESCOPE CYLINDER CUTOUT

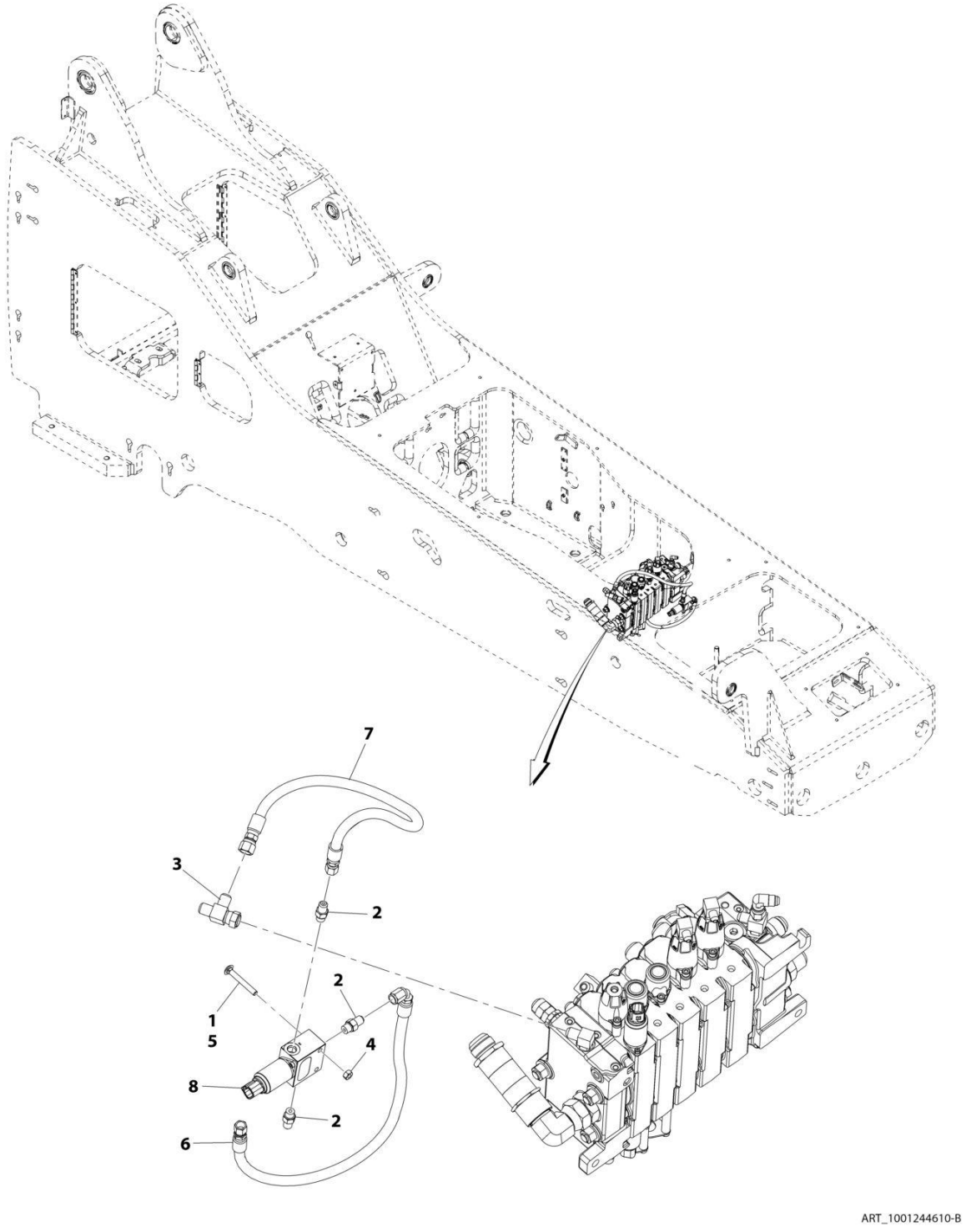


FIGURE 8-20. CYLINDER HYDRAULICS INSTALLATION - TELESCOPE CYLINDER CUTOUT

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 8-21. FORK TILT HYDRAULICS INSTALLATION

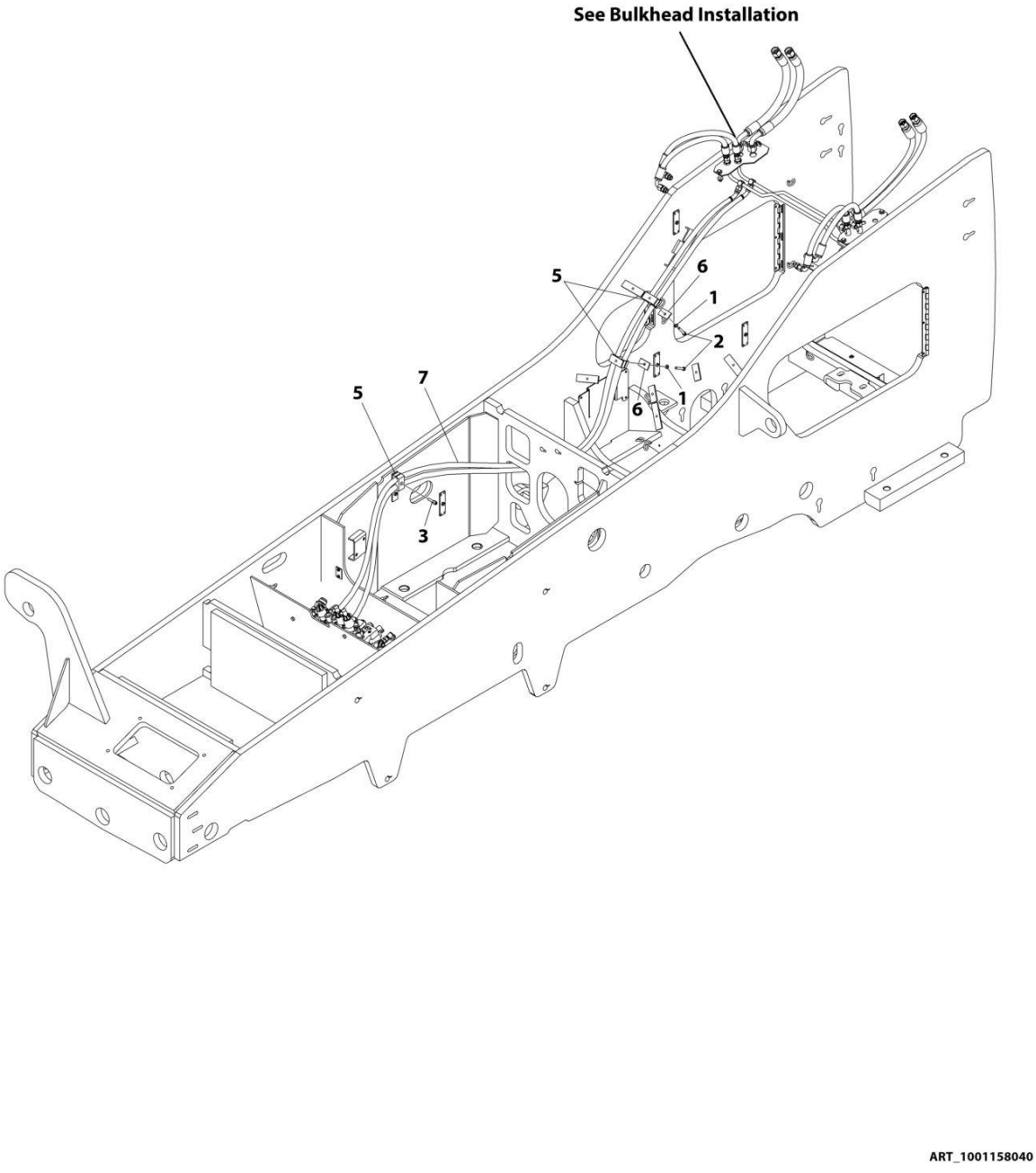


FIGURE 8-21. FORK TILT HYDRAULICS INSTALLATION

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 8-22. FRAME HYDRAULICS INSTALLATION (8042)

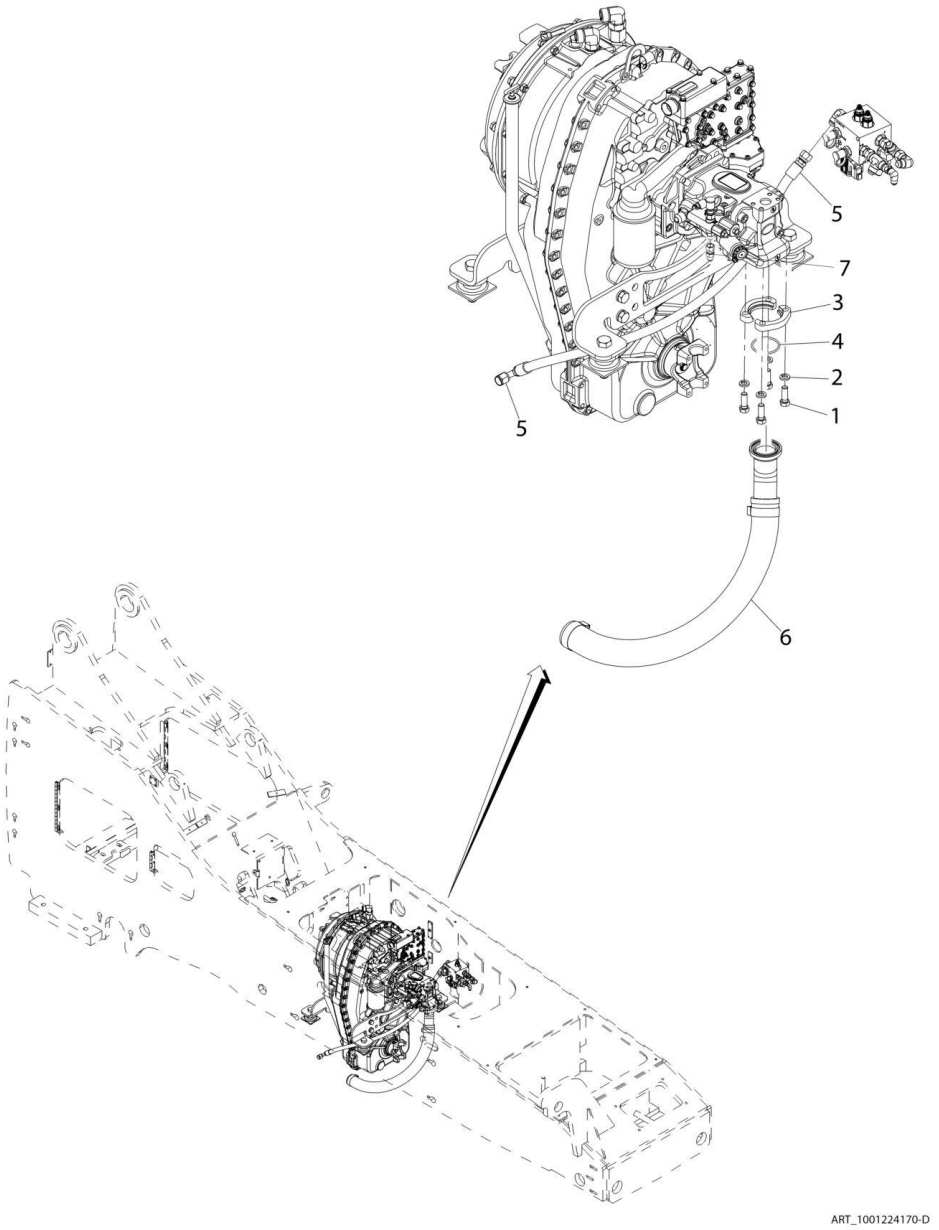


FIGURE 8-22. FRAME HYDRAULICS INSTALLATION (8042)

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

FIGURE 8-23. FRAME HYDRAULICS INSTALLATION (10042)

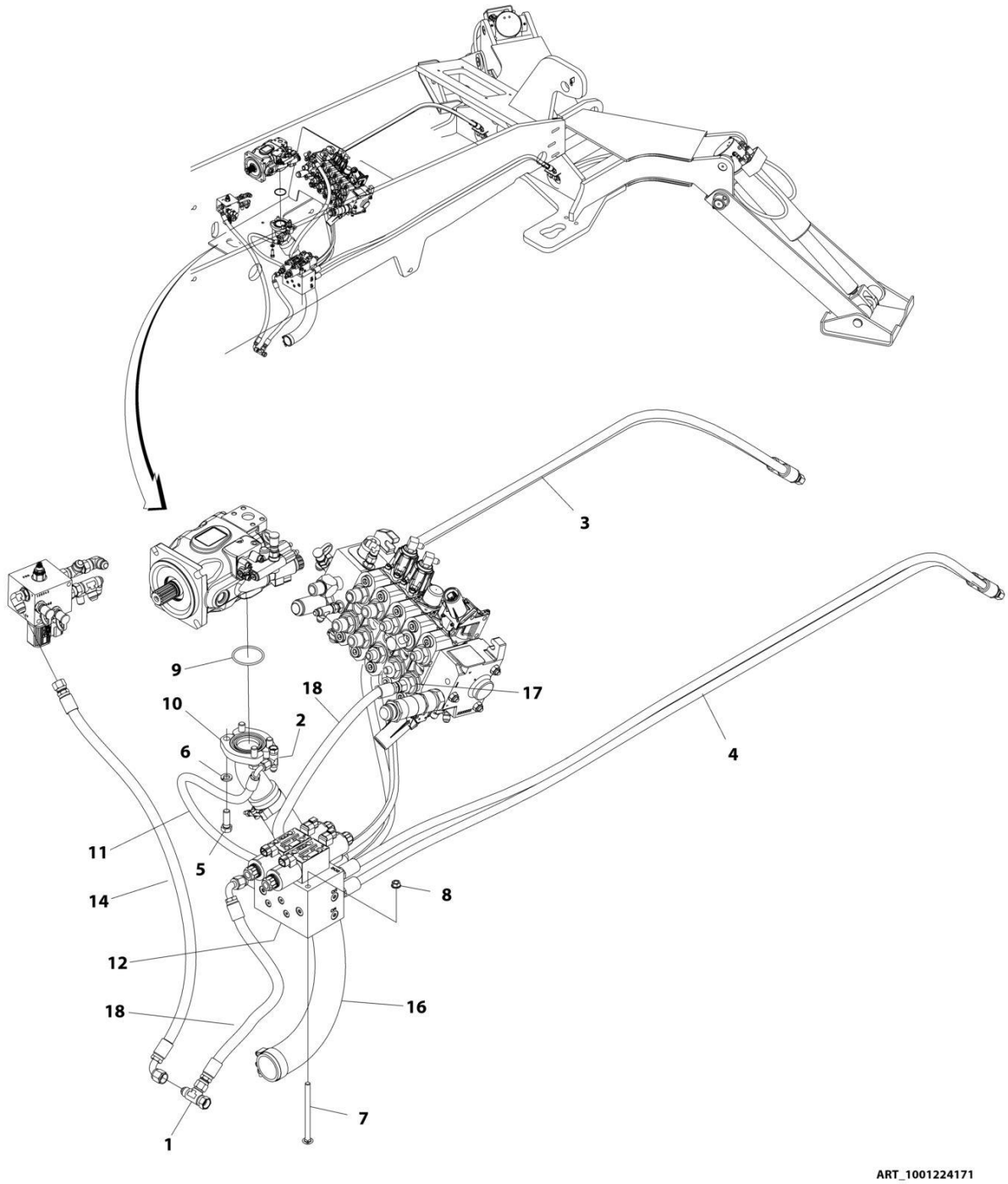


FIGURE 8-23. FRAME HYDRAULICS INSTALLATION (10042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001224171	Ref	Frame Hydraulics Installation	E
1	2220385	1	Fitting, Tee JIC/FSJIC/JIC	
2	2220635	1	Fitting, Tee JIC/FSJIC/JIC	
3	1001245070	2	Hose	
4	2716665	2	Hose	
5	8303626	4	Bolt, 1/2-13X1-1/2	
6	8307007	4	Washer, Lock 1/2	
7	8310478	2	Bolt, 3/8-16X5-1/2	
8	8310522	2	Nut, Flange 3/8-16	
9	8640208	1	O-Ring	
10	8546407	2	Flange Half	
11	1001158576	1	Hose	
12	1001158611	1	Assembly, Outrigger Valve (See Separate Breakdown in this Section)	
14	1001119610	1	Hose	
16	1001227508	1	Hose	
17	2220374	1	Fitting, Straight JIC/ORB	
18	1001244871	2	Hose	

FIGURE 8-24. OUTRIGGER VALVE & FITTING ASSEMBLY (10042,10054)

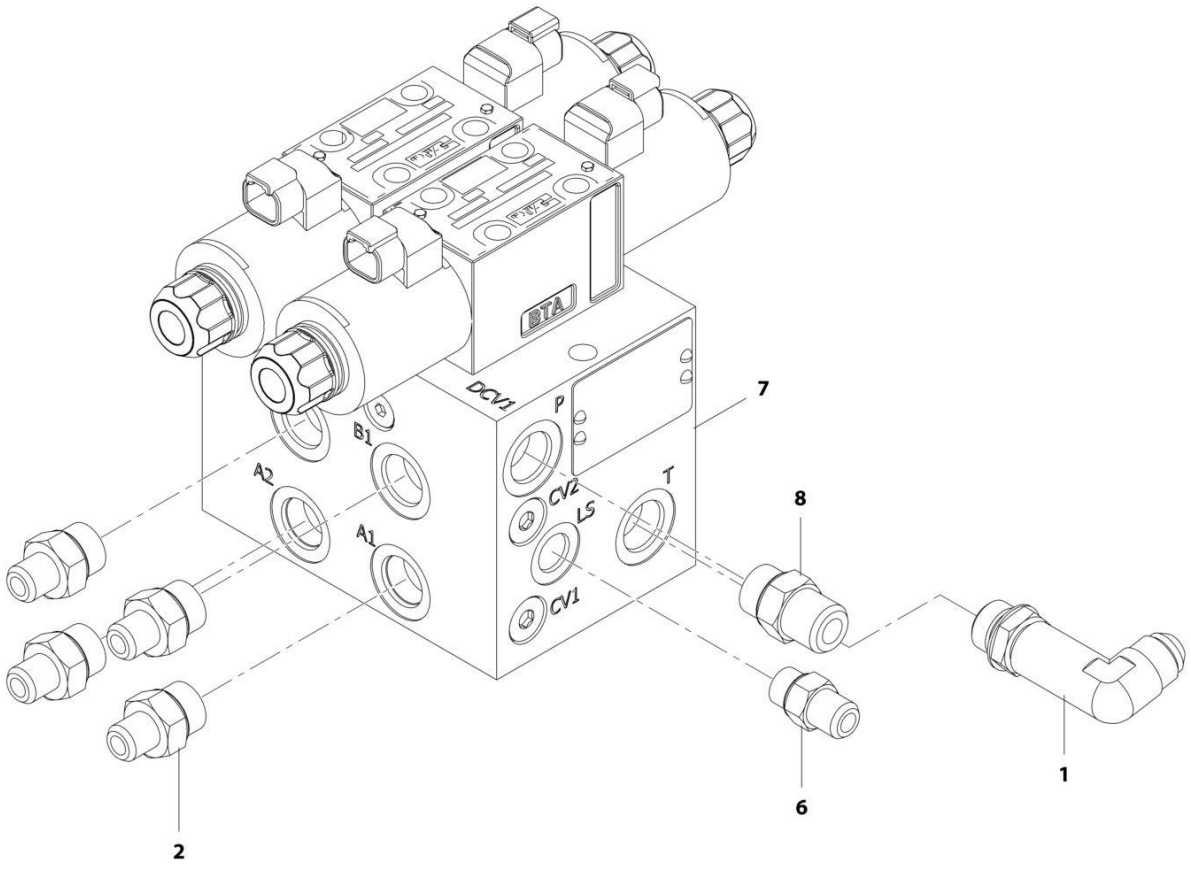


FIGURE 8-24. OUTRIGGER VALVE & FITTING ASSEMBLY (10042,10054)

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 8-25. MAIN CONTROL VALVE INSTALLATION

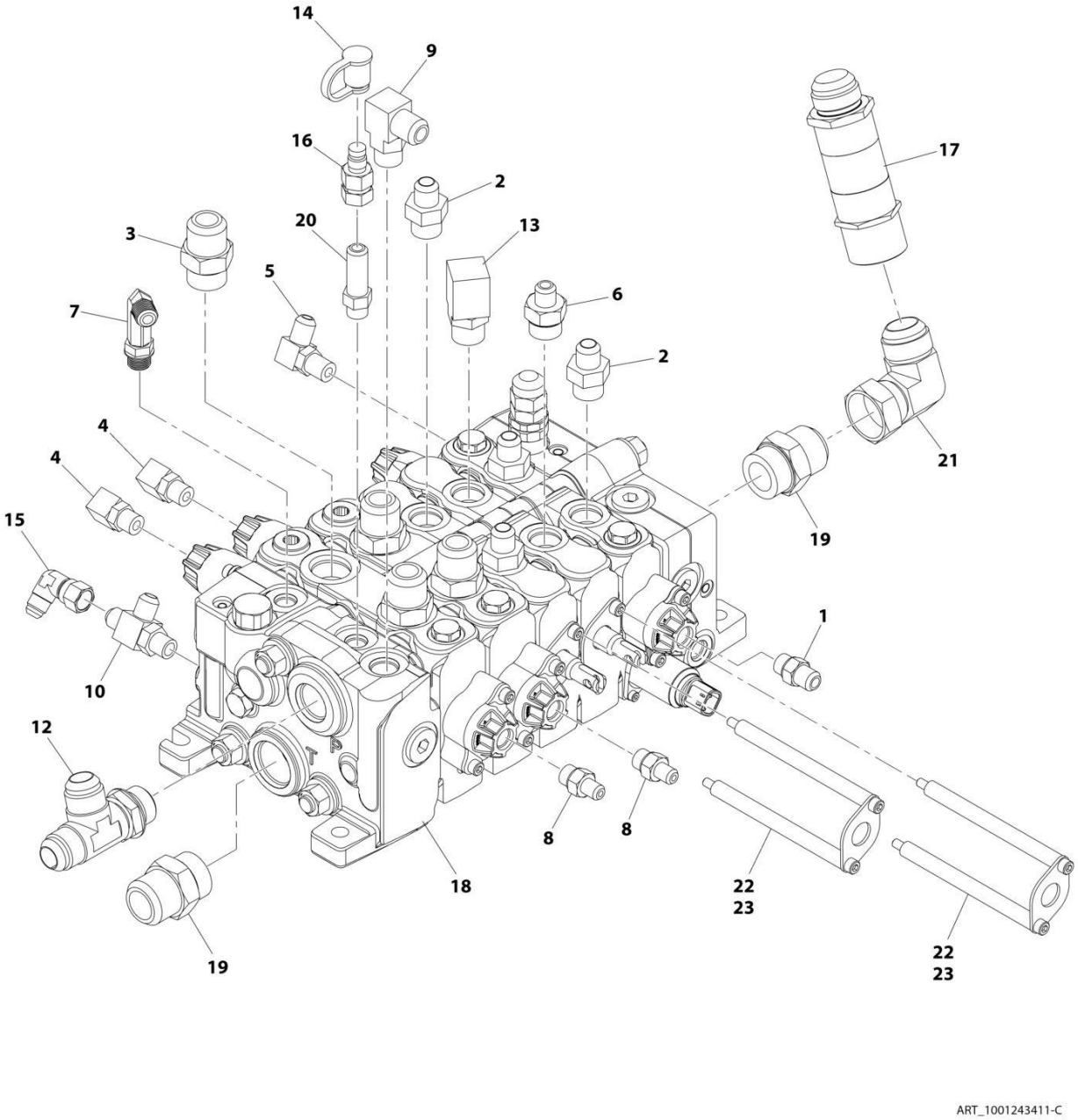


FIGURE 8-25. MAIN CONTROL VALVE INSTALLATION

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 8-26. PUMP HYDRAULICS INSTALLATION

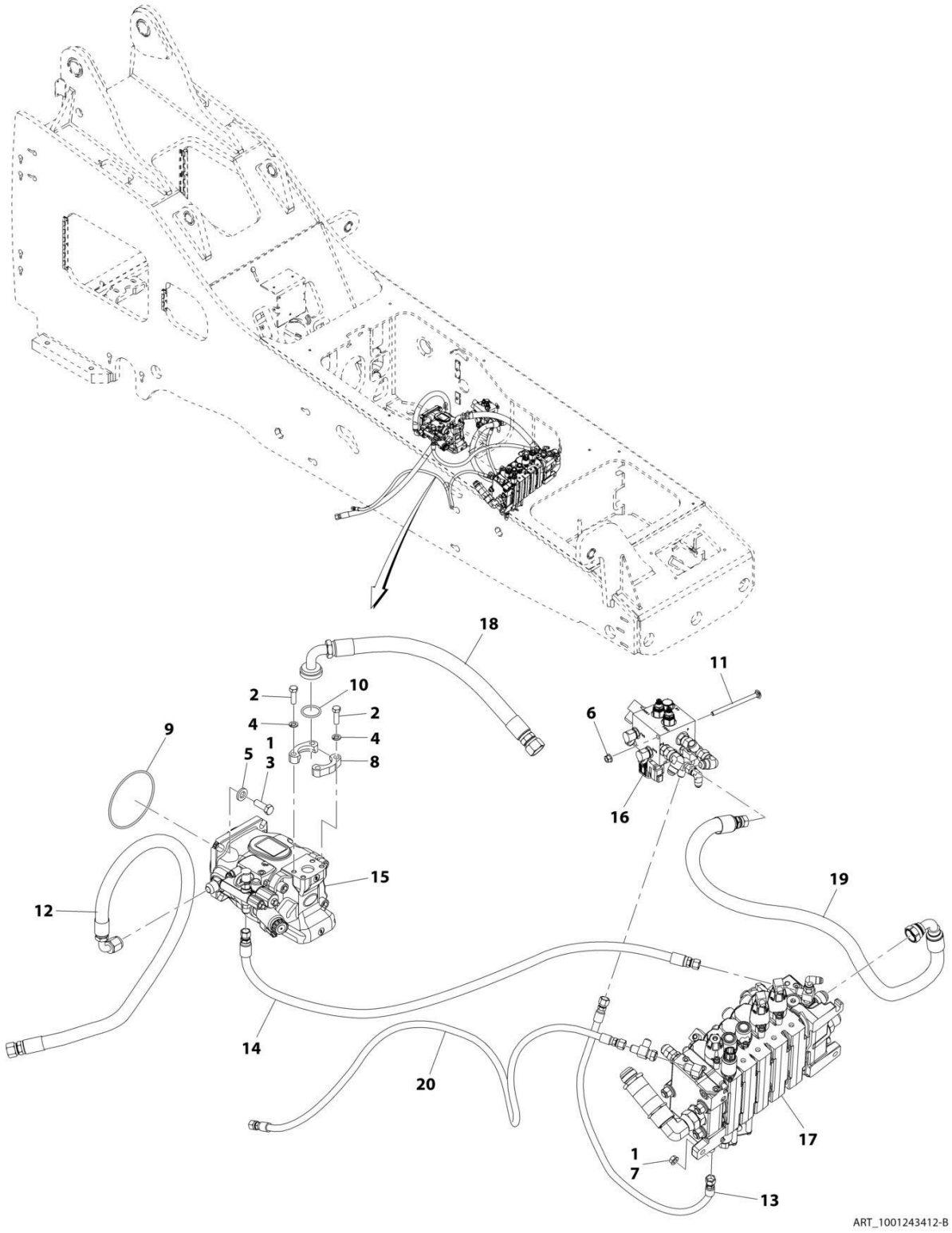


FIGURE 8-26. PUMP HYDRAULICS INSTALLATION

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 8-27. SECONDARY VALVE AND FITTING ASSEMBLY

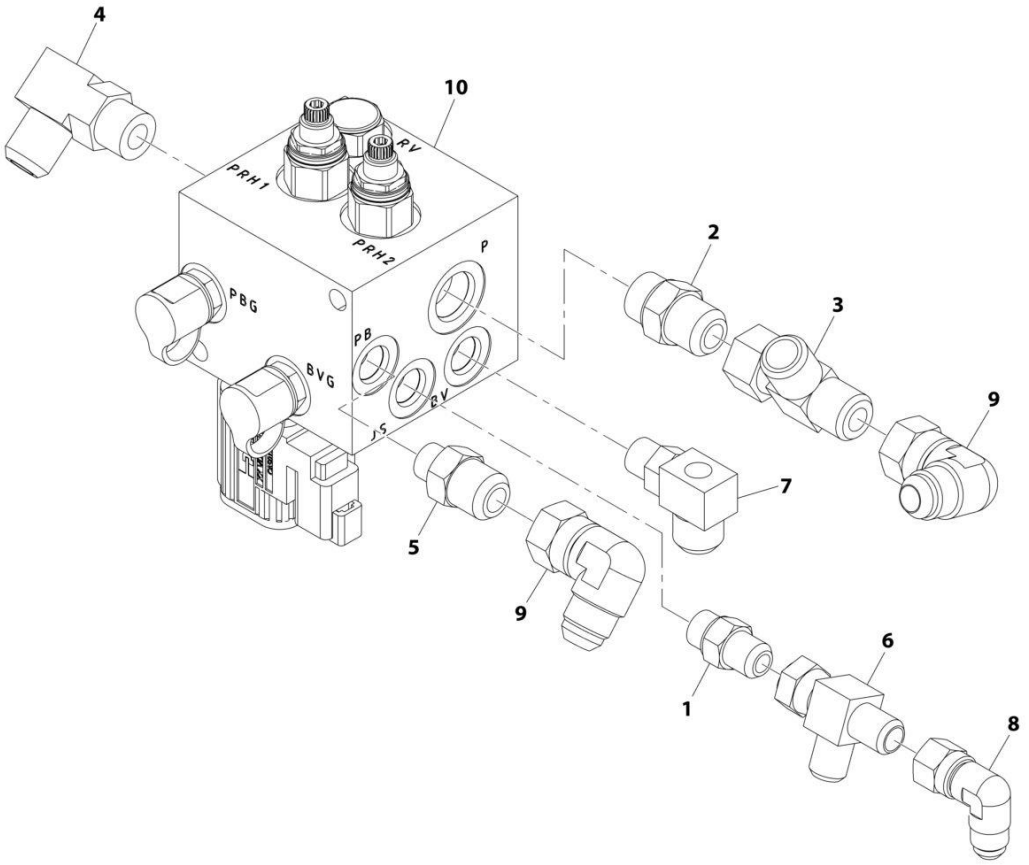


FIGURE 8-27. SECONDARY VALVE AND FITTING ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001247171	Ref	Secondary Valve & Fittings Installation	A
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	1001247045	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

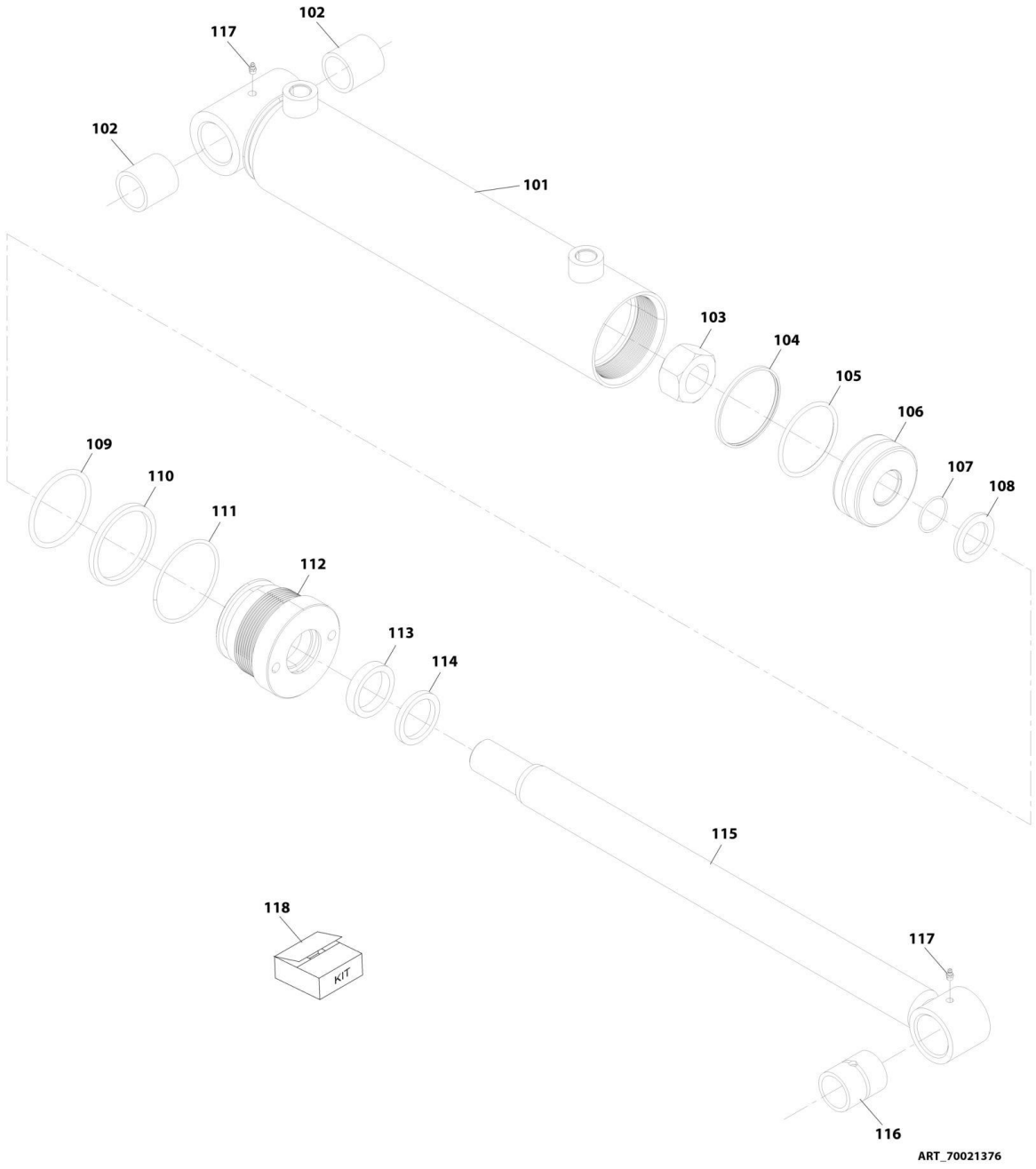


FIGURE 9-1. CYLINDER ASSEMBLY - CARRIAGE SIDE SHIFT

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

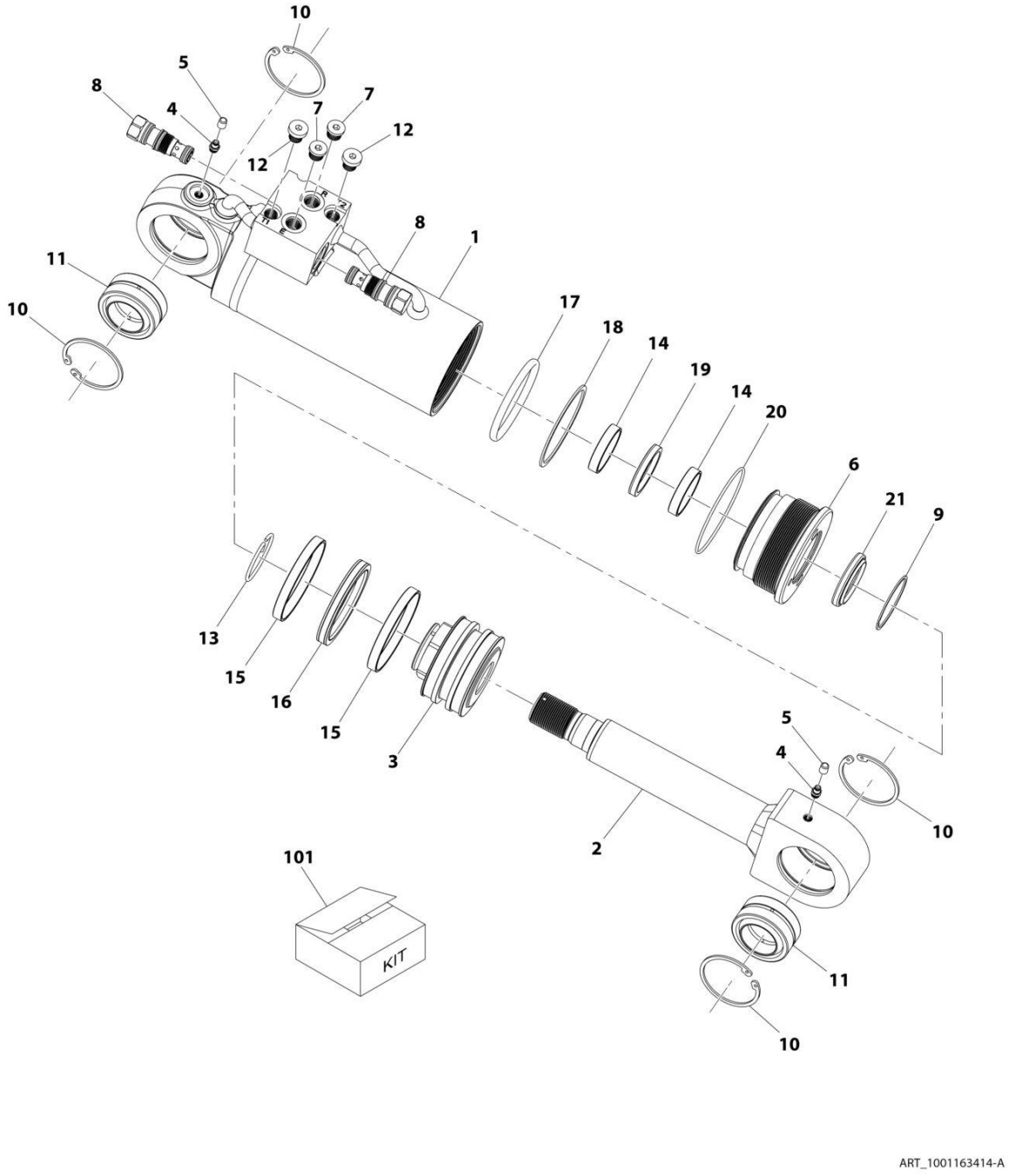


FIGURE 9-2. CYLINDER ASSEMBLY - CARRIAGE SIDE TILT

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

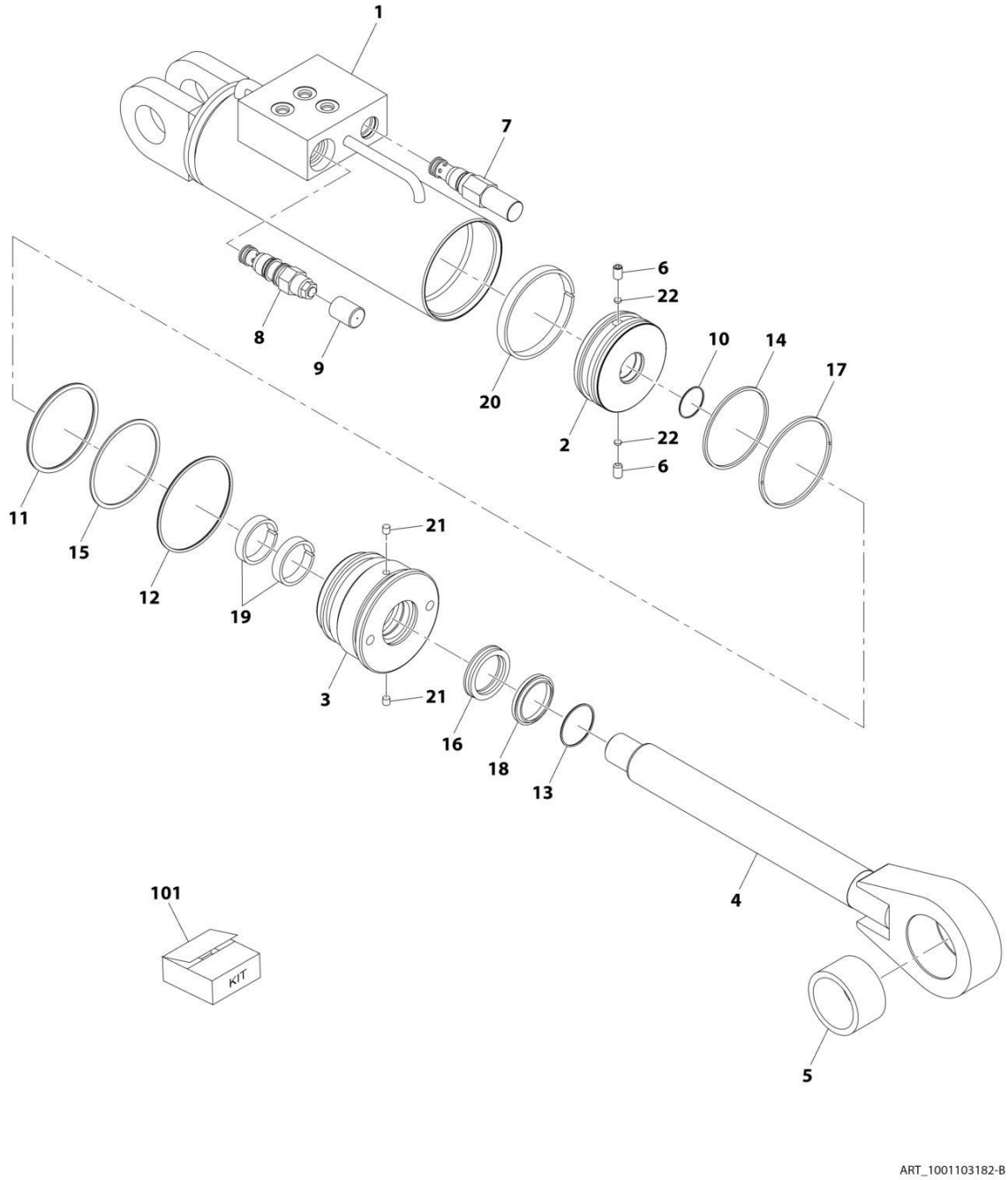


FIGURE 9-3. CYLINDER ASSEMBLY - CARRIAGE SWING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001103182	Ref	Swing Carriage Cylinder	B
1	70022044	1	Barrel	
2	8035863	1	Piston	
3	8035862	1	Head	
4	70022045	1	Rod	
5	70022046	1	Bearing	
6	8035536	2	Setscrew 5/16X1/2	
7	70020428	1	Valve, Relief	
7	7024574	1	Kit, Seal	
8	8033786	1	Valve, Counterbalance	
8	8205655	1	Kit, Seal	
9	70021812	1	Tamper-proof Cap	
10	See Note	NSS	O-Ring (Note: Use Item 101)	
11	See Note	NSS	O-Ring (Note: Use Item 101)	
12	See Note	NSS	O-Ring (Note: Use Item 101)	
13	See Note	NSS	O-Ring (Note: Use Item 101)	
14	See Note	NSS	Ring, Square (Note: Use Item 101)	
15	See Note	NSS	Ring, Backup (Note: Use Item 101)	
16	See Note	NSS	Seal (Note: Use Item 101)	
17	See Note	NSS	Seal, Piston (Note: Use Item 101)	
18	See Note	NSS	Wiper, Rod (Note: Use Item 101)	
19	See Note	NSS	Ring, Wear (Note: Use Item 101)	
20	See Note	NSS	Ring, Wear (Note: Use Item 101)	
21	See Note	NSS	Insert (Note: Use Item 101)	
22	See Note	NSS	Insert (Note: Use Item 101)	
101	2915023	1	Kit, Seal (includes items 11 thru 22)	

FIGURE 9-4. CYLINDER ASSEMBLY - COMPENSATION (10042,8042)

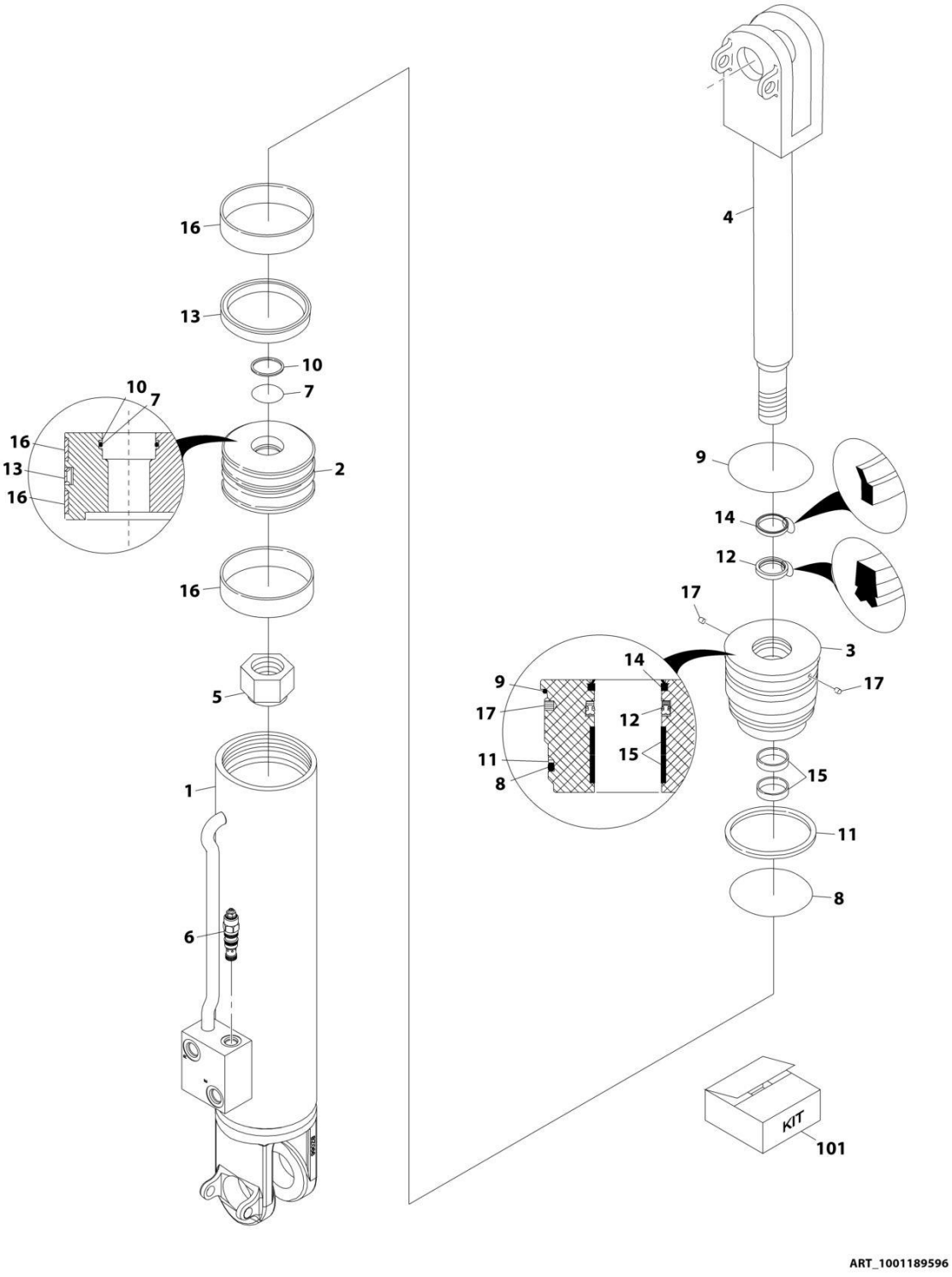


FIGURE 9-4. CYLINDER ASSEMBLY - COMPENSATION (10042,8042)

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

FIGURE 9-5. CYLINDER ASSEMBLY - COMPENSATION (PVC1911) (10054)

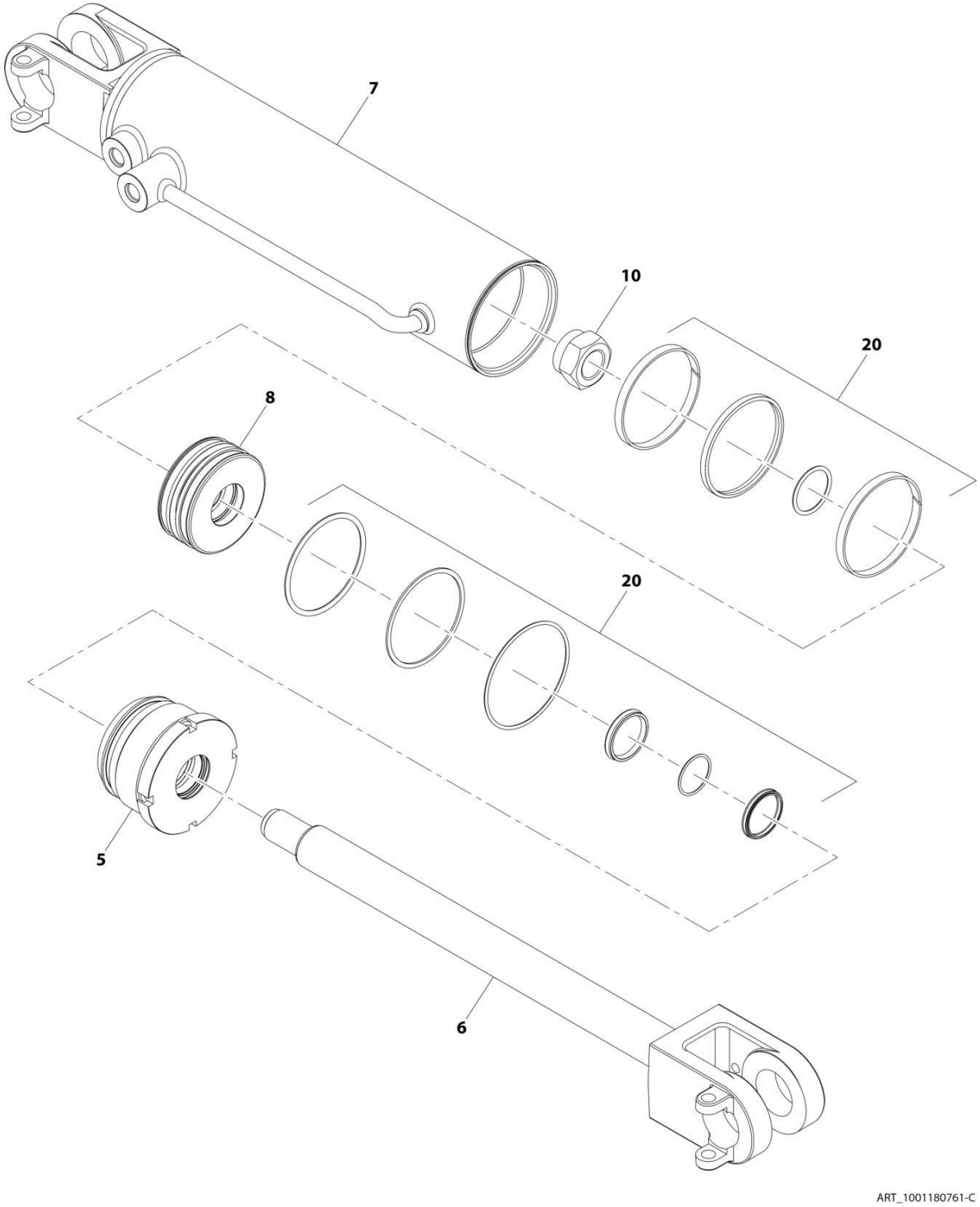


FIGURE 9-5. CYLINDER ASSEMBLY - COMPENSATION (PVC1911) (10054)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180761	Ref	Compensation Cylinder	C
		Ref	**Note: Refer to PN Stamped on Barrel before ordering parts.**	
5	70027852	1	Head Assembly	
6	70027853	1	Rod Assembly	
7	70027854	1	Barrel Assembly	
8	70027855	1	Piston Assembly	
10	70027856	1	Locking Nut	
20	70027857	1	Kit, Seal	

FIGURE 9-6. CYLINDER ASSEMBLY - COMPENSATION (PVC2005) (10054)

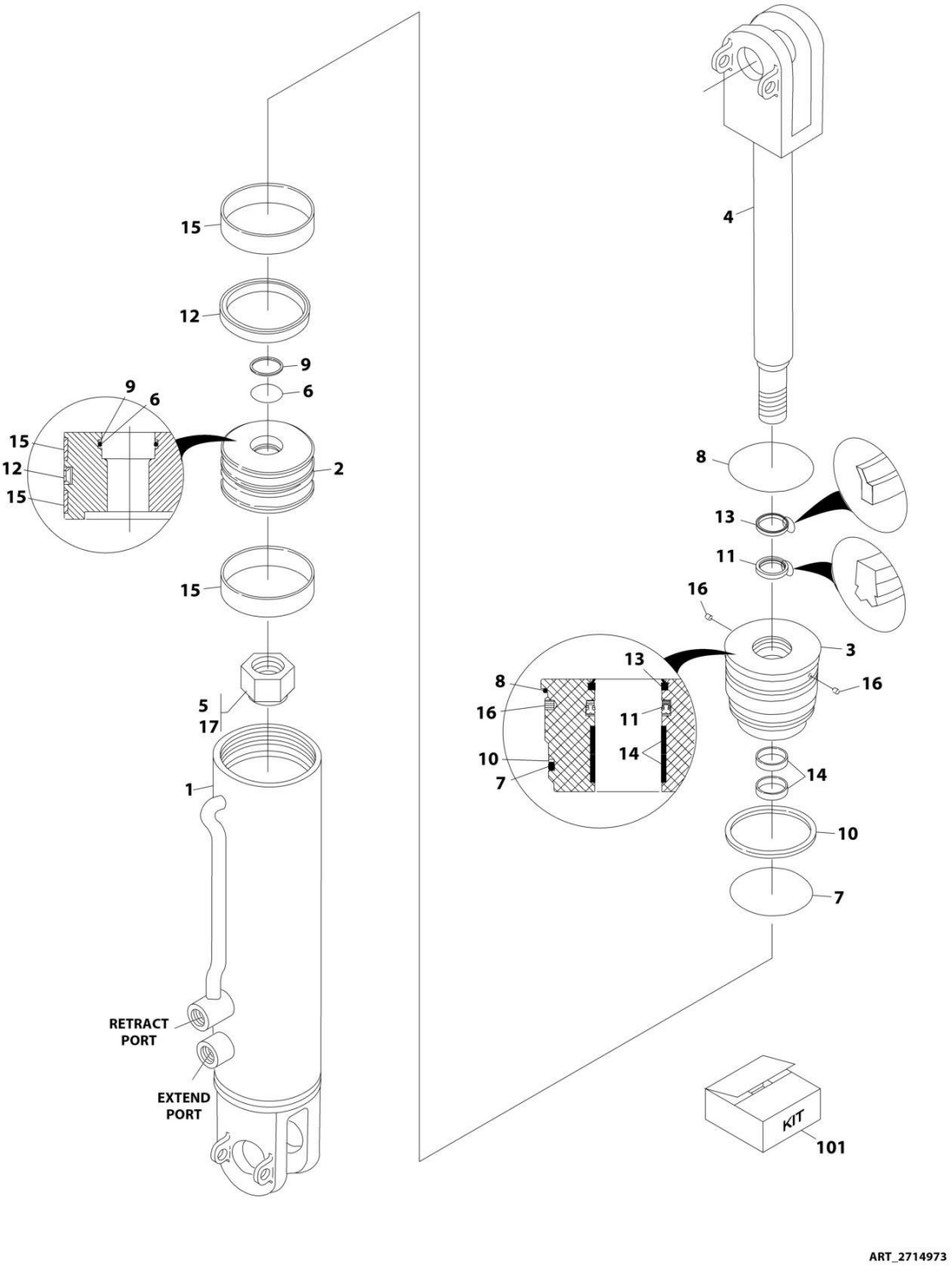


FIGURE 9-6. CYLINDER ASSEMBLY - COMPENSATION (PVC2005) (10054)

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 9-7. CYLINDER ASSEMBLY - EXTEND/RETRACT (8042)

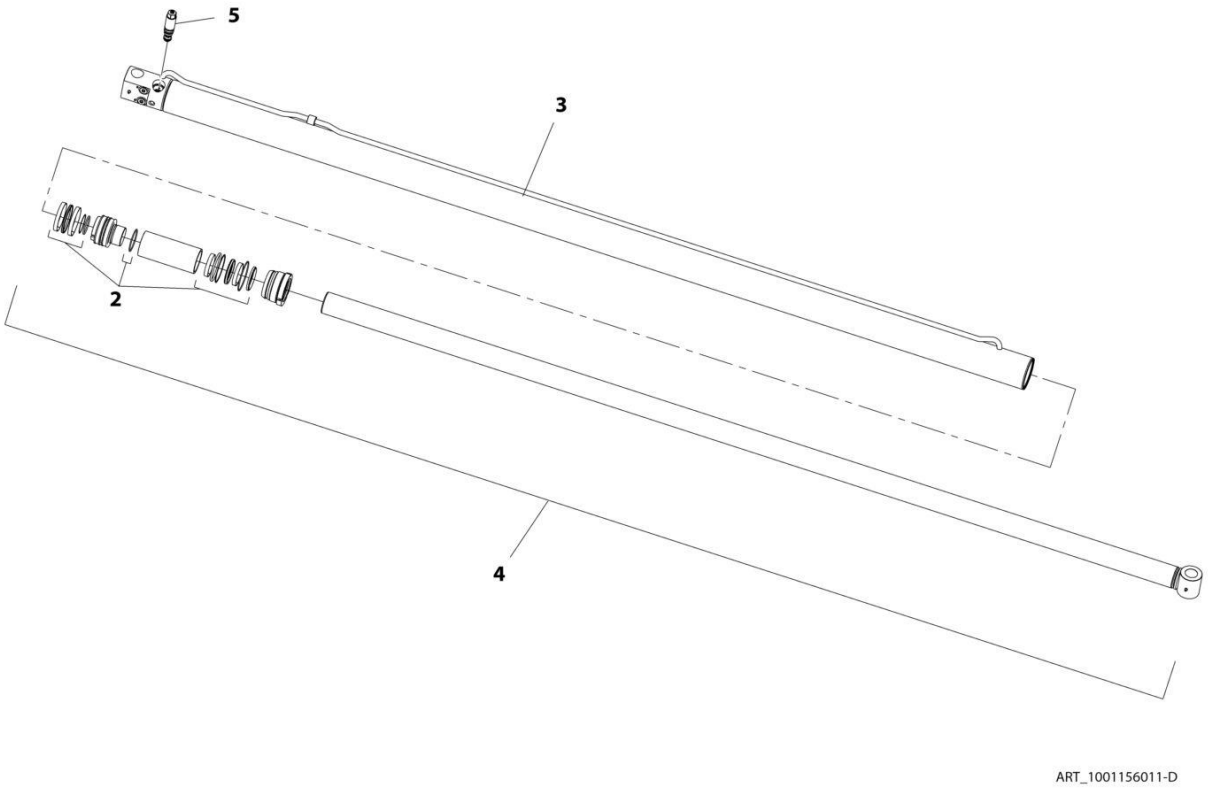


FIGURE 9-7. CYLINDER ASSEMBLY - EXTEND/RETRACT (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001156011	Ref	Extend/Retract Cylinder	D
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
2	70026052	1	Kit, Seal	
3	70026053	1	Assembly, Barrel	
4	70026054	1	Assembly, Rod	
5	1001170316	1	Valve, Counterbalance	

FIGURE 9-8. CYLINDER ASSEMBLY - EXTEND/RETRACT (10042)

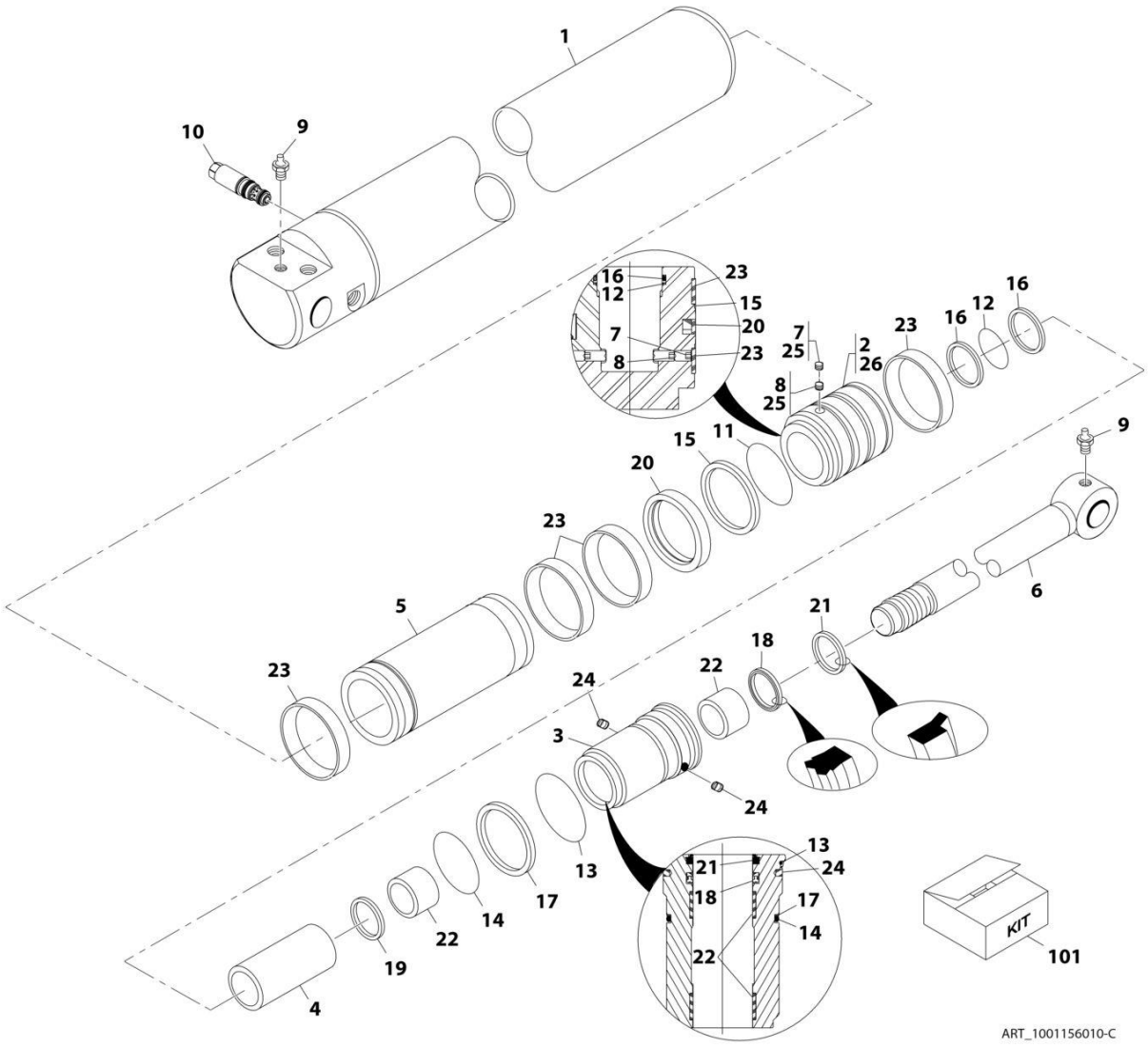


FIGURE 9-8. CYLINDER ASSEMBLY - EXTEND/RETRACT (10042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001156010	Ref	Extend/Retract Cylinder	C
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70026036	1	Weldment, Tube	
2	8035800	1	Piston	
3	8035539	1	Gland, Head	
4	8035616	1	Spacer, Rod	
5	7026579	1	Spacer	
6	8035615	1	Weldment, Rod	
7	8035536	1	Screw 5/16 X 1/2	
8	8035315	1	Screw 5/16 X 5/8	
9	70020375	2	Fitting, Straight Lube	
10	1001170316	1	Valve, Counterbalance	
11	Kit	1	O-Ring	
12	Kit	1	O-Ring	
13	Kit	1	O-Ring	
14	Kit	1	O-Ring	
15	Kit	1	Ring, Square	
16	Kit	2	Ring, Backup	
17	Kit	1	Ring, Backup	
18	Kit	1	U-Cup	
19	Kit	1	Seal, Buffer	
20	Kit	1	Seal, Piston	
21	Kit	1	Seal, Wiper	
22	Kit	2	Wearband, Precision	
23	Kit	4	Wearband, Precision	
24	Kit	2	Insert, Locking	
25	8526007	AR	Compound, Locking	
26	8526011	AR	Compound, Locking	
101	70026038	1	Kit, Seal (includes items 11 thru 24)	

FIGURE 9-9. CYLINDER ASSEMBLY - EXTEND/RETRACT (10054)

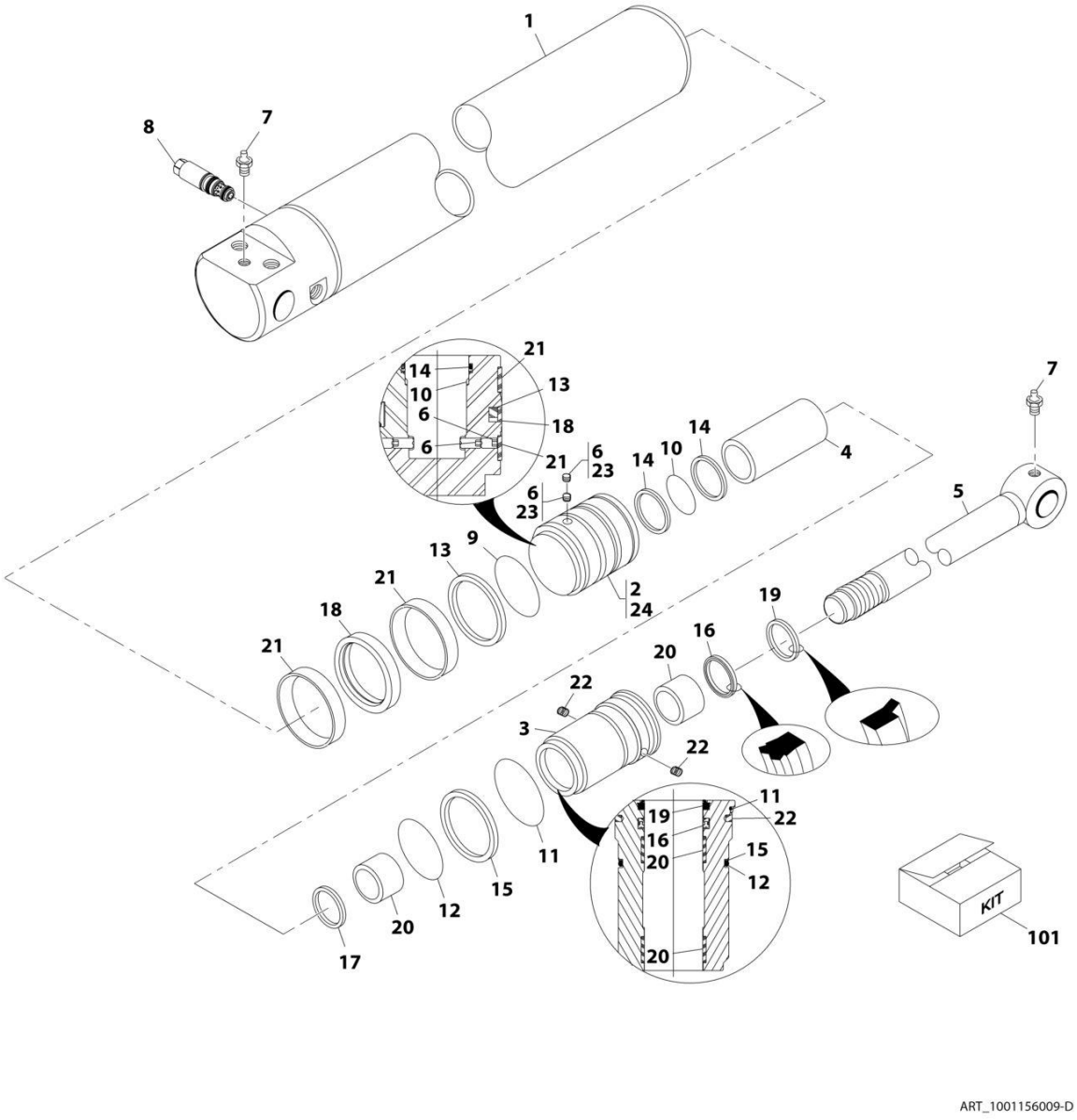


FIGURE 9-9. CYLINDER ASSEMBLY - EXTEND/RETRACT (10054)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001156009	Ref	Extend/Retract Cylinder	D
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70026036	1	Barrel	
2	70026039	1	Piston	
3	70026040	1	Head	
4	70026041	1	Spacer, Rod	
5	70026042	1	Rod	
6	8035536	2	Screw, 5/16-18X1/2	
7	70020375	2	Fitting, Straight Lube	
8	1001170316	1	Cartridge, Counterbalance Valve	
9	Kit	1	O-Ring	
10	Kit	1	O-Ring	
11	Kit	1	O-Ring	
12	Kit	1	O-Ring	
13	Kit	1	Ring, Square	
14	Kit	2	Ring, Backup	
15	Kit	1	Ring, Backup	
16	Kit	1	U-Cup	
17	Kit	1	Seal, Buffer	
18	Kit	1	Seal, Piston	
19	Kit	1	Seal, Wiper	
20	Kit	2	Ring, Wear	
21	Kit	2	Ring, Wear	
22	Kit	2	Insert, Locking	
23	8526007	AR	Compound, Locking	
24	8526011	AR	Compound, Locking	
101	70026043	1	Kit, Seal (includes items 9 thru 22)	

FIGURE 9-10. CYLINDER ASSEMBLY - FORK POSITIONING

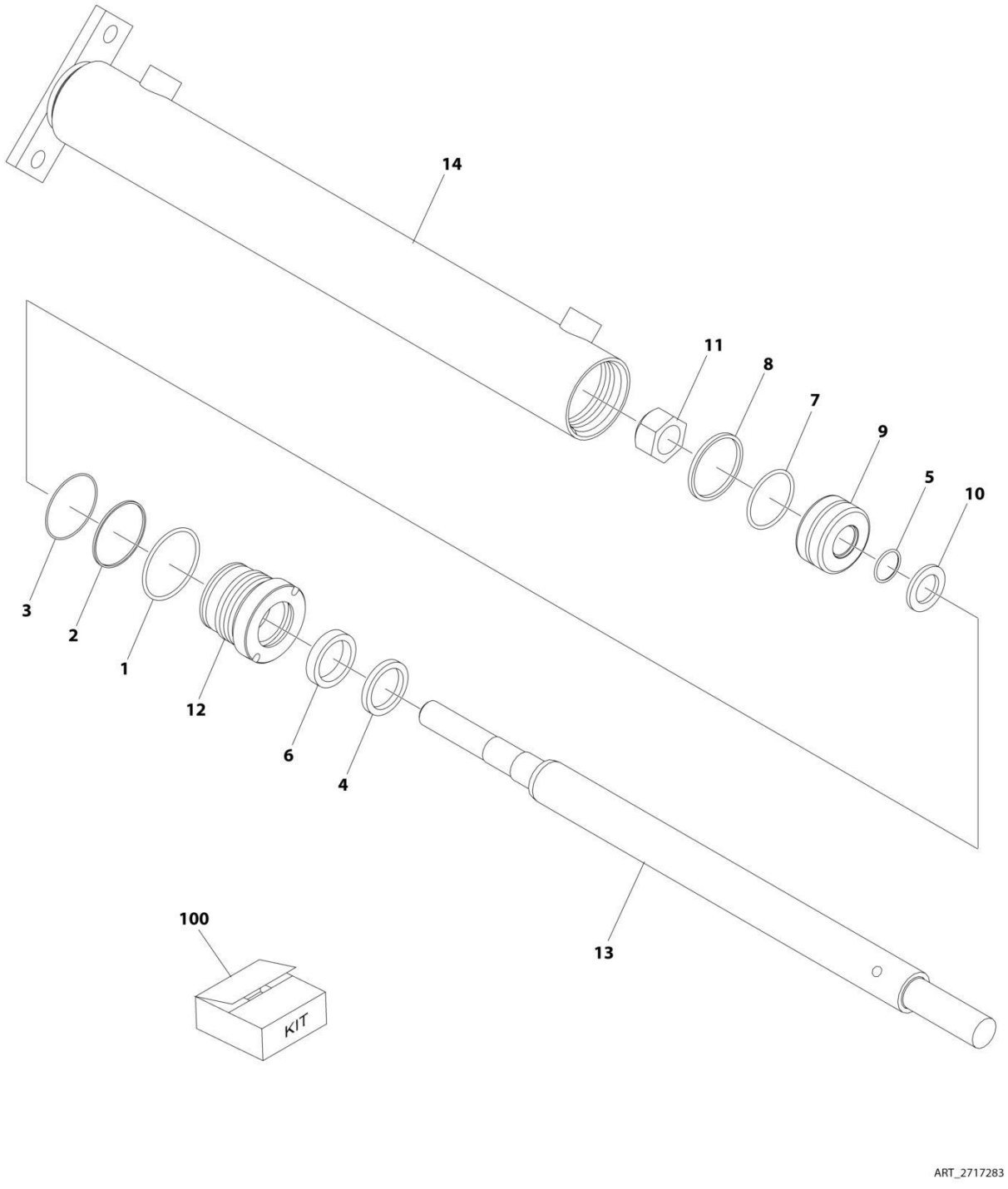


FIGURE 9-10. CYLINDER ASSEMBLY - FORK POSITIONING

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 9-11. CYLINDER ASSEMBLY - FORK TILT

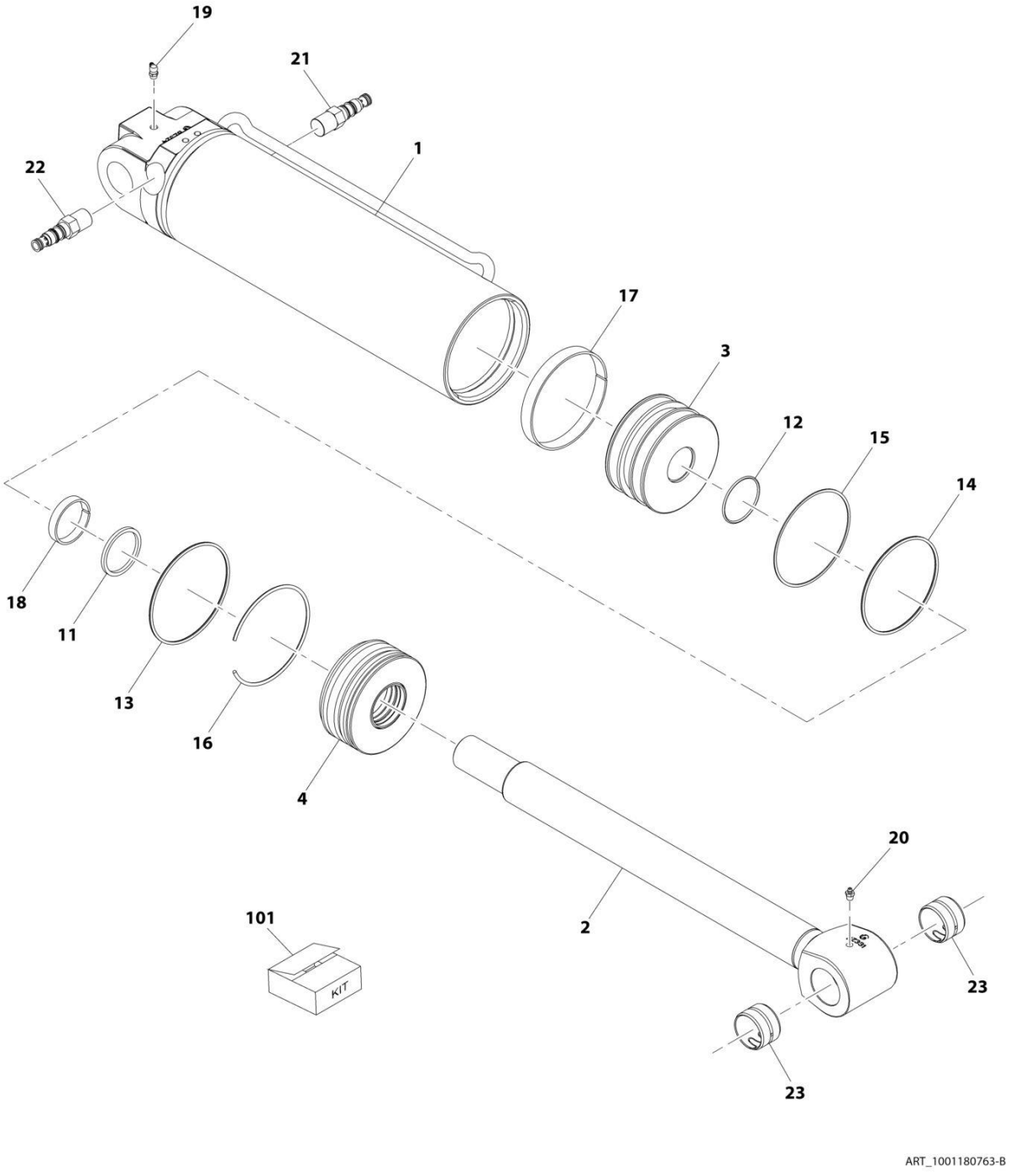


FIGURE 9-11. CYLINDER ASSEMBLY - FORK TILT

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 9-12. CYLINDER ASSEMBLY - FRAME LEVEL

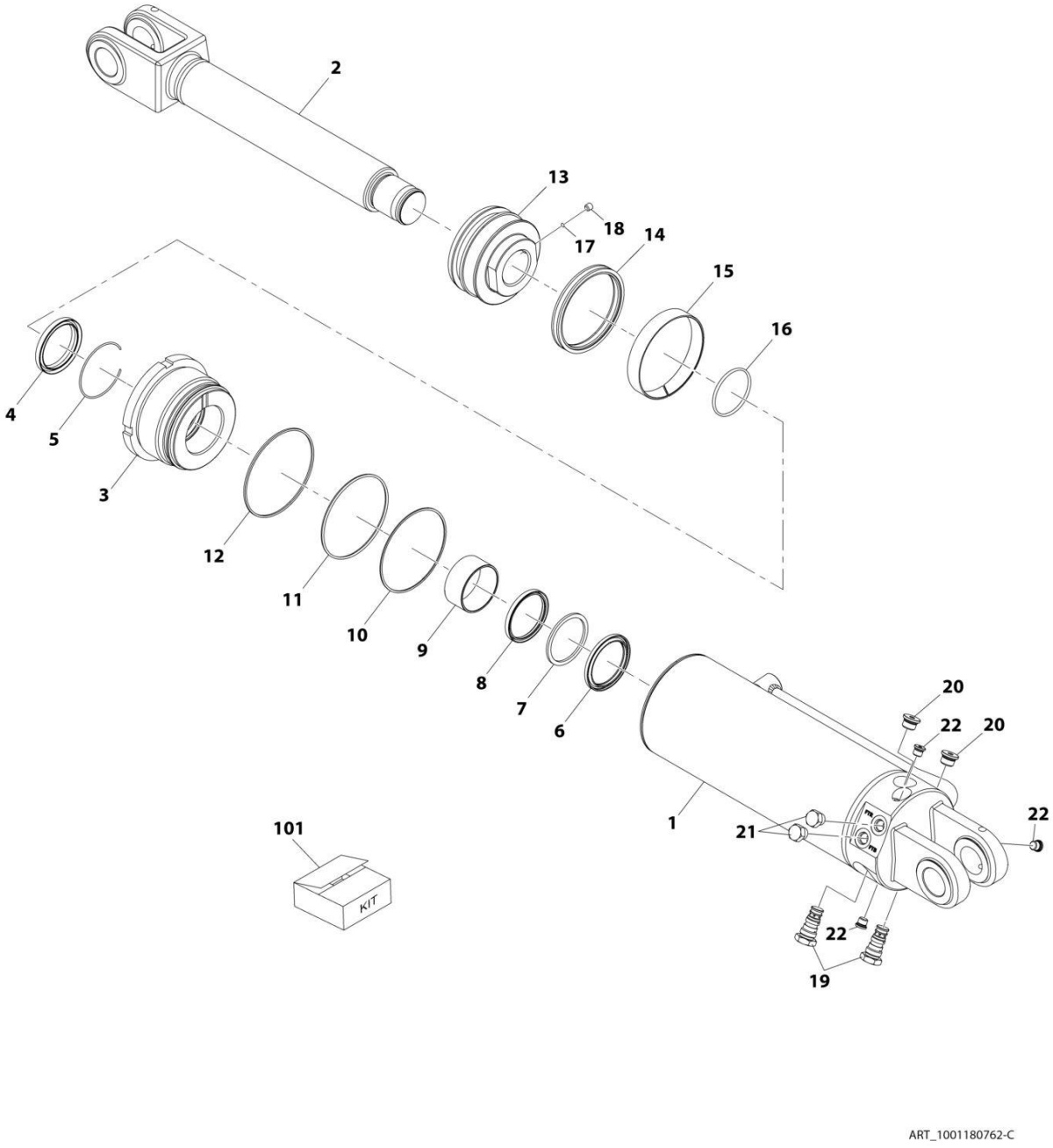


FIGURE 9-12. CYLINDER ASSEMBLY - FRAME LEVEL

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 9-13. CYLINDER ASSEMBLY - GRAPPLE BUCKET

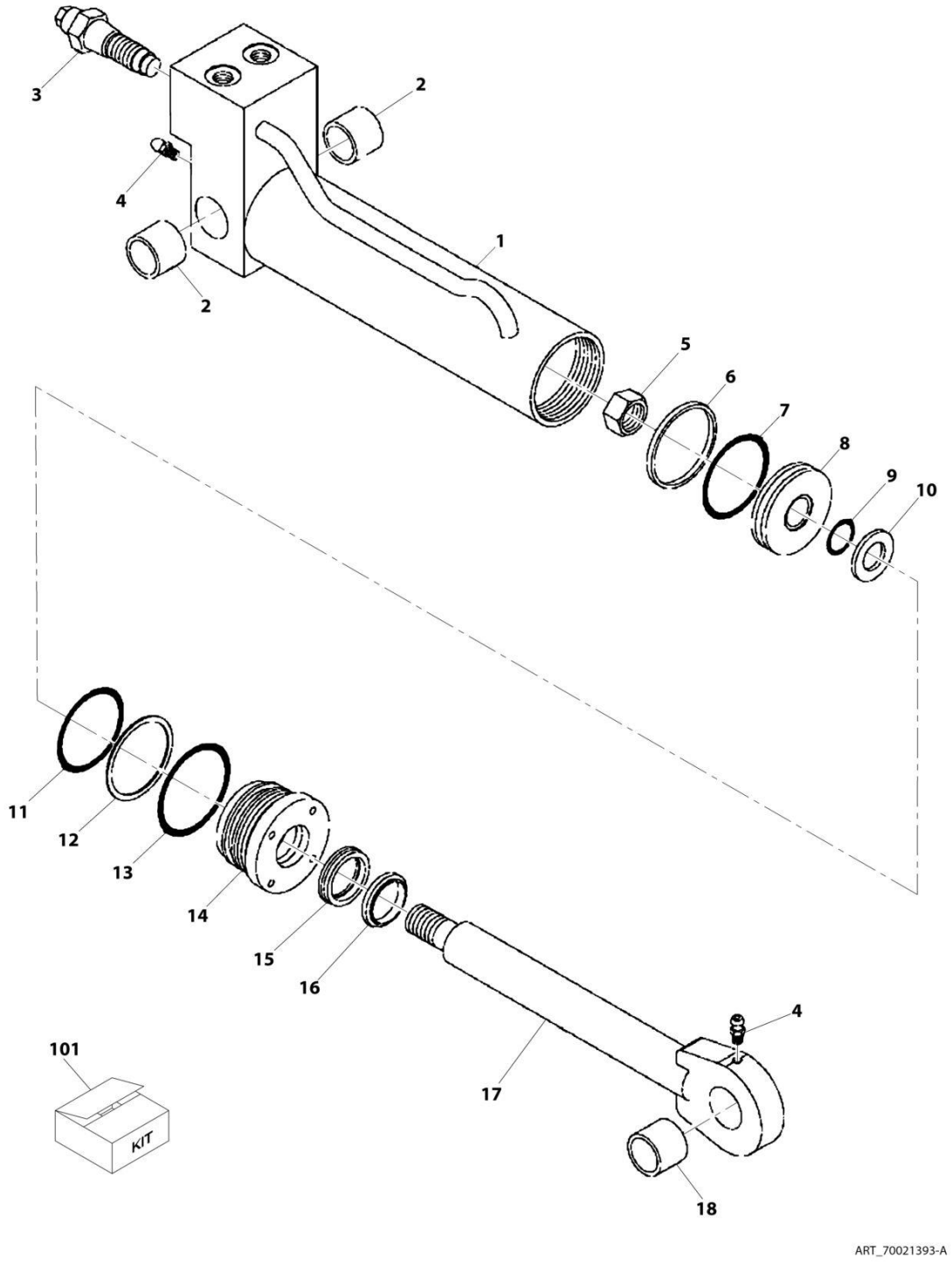
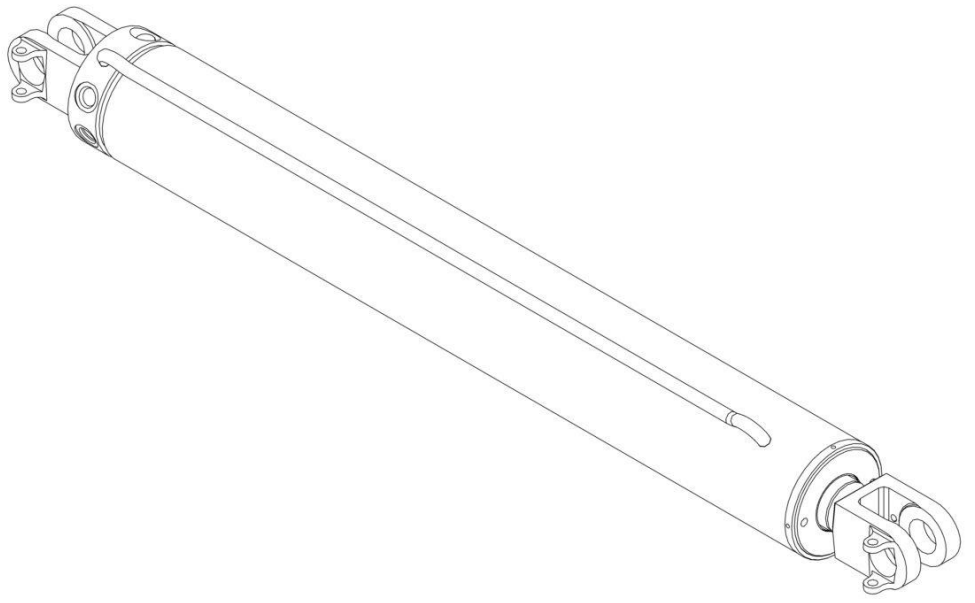


FIGURE 9-13. CYLINDER ASSEMBLY - GRAPPLE BUCKET

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 9-14. CYLINDER ASSEMBLY - LIFT (10042)



ART_1001256321

FIGURE 9-14. CYLINDER ASSEMBLY - LIFT (10042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256321	Ref	Cylinder Assembly - Lift	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
		Ref	Note: No Other Service Parts Available	
1	70026025	1	Seal Kit	
2	1001254411	1	Valve, Counterbalance	

FIGURE 9-15. CYLINDER ASSEMBLY - LIFT (10054)

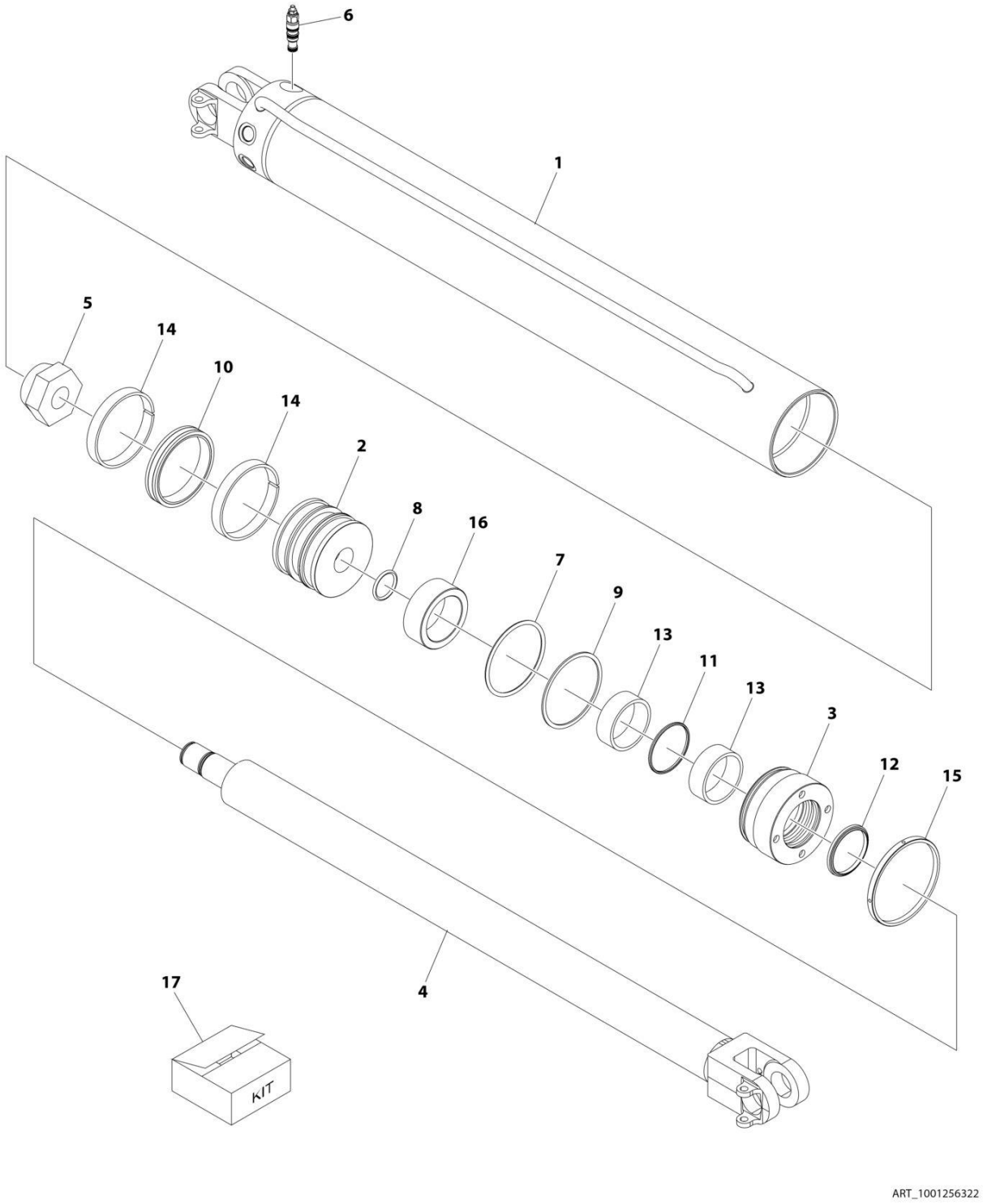


FIGURE 9-15. CYLINDER ASSEMBLY - LIFT (10054)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256322	Ref	CYLINDER ASSEMBLY - LIFT	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Use PN 1001256322)	
2	See Note	NSS	Piston (Note: Use PN 1001256322)	
3	See Note	NSS	Head (Note: Use PN 1001256322)	
4	See Note	NSS	Rod (Note: Use PN 1001256322)	
5	See Note	NSS	Nut, Lock (Note: Use PN 1001256322)	
6	1001254411	1	Valve, Check	
7	See Note	NSS	O-Ring (Note: Use Item 17)	
8	See Note	NSS	O-Ring (Note: Use Item 17)	
9	See Note	NSS	Ring, Backup (Note: Use Item 17)	
10	See Note	NSS	Seal, Piston (Note: Use Item 17)	
11	See Note	NSS	Seal, Rod (Note: Use Item 17)	
12	See Note	NSS	Wiper, Rod (Note: Use Item 17)	
13	See Note	NSS	Ring, Wear (Note: Use Item 17)	
14	See Note	NSS	Ring, Wear (Note: Use Item 17)	
15	See Note	NSS	Collar, Locking (Note: Use PN 1001256322)	
16	See Note	NSS	Spacer (Note: Use PN 1001256322)	
17	70026025	1	Seal kit (Includes Items 7-14)	

FIGURE 9-16. CYLINDER ASSEMBLY - OUTRIGGER (10042,10054)

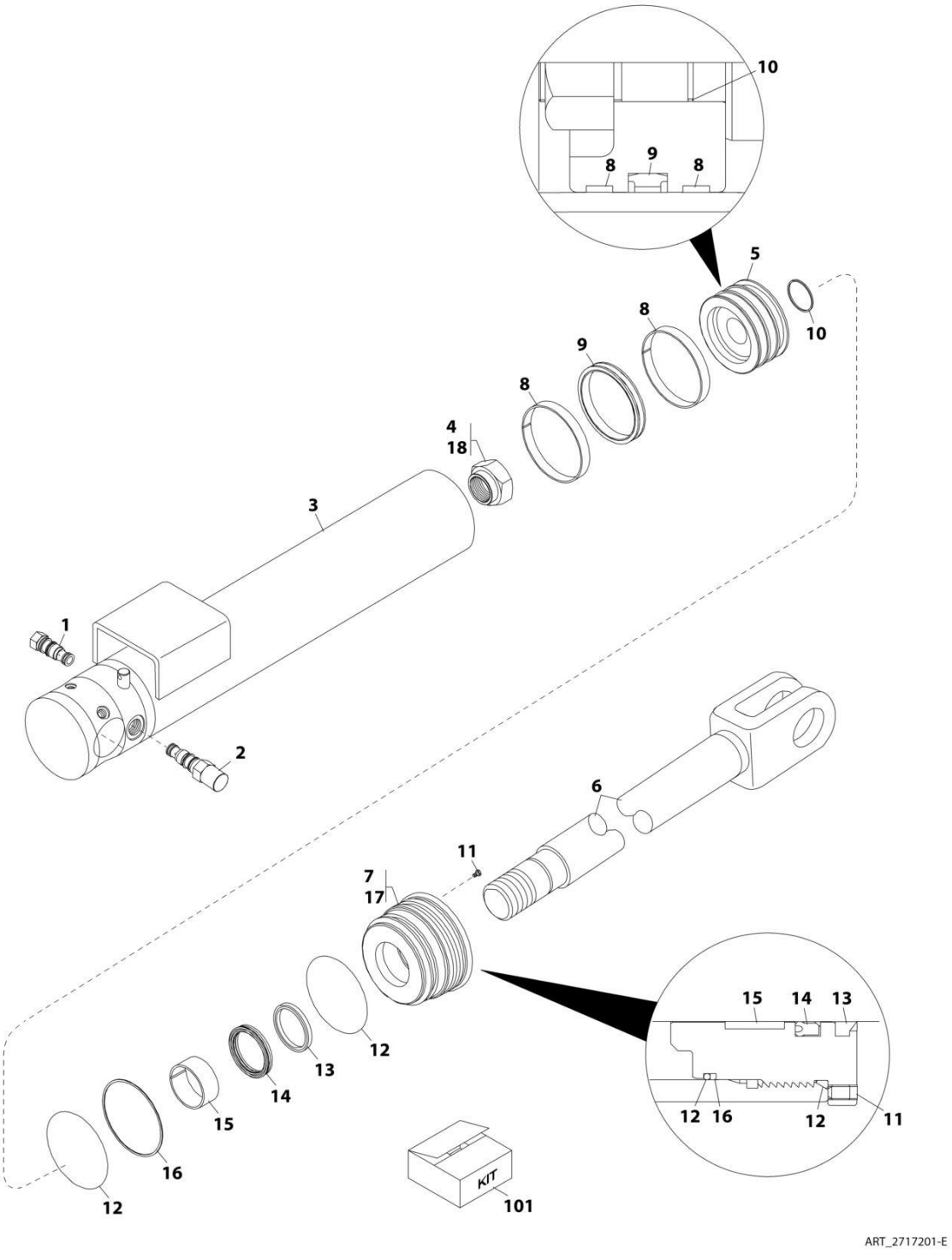


FIGURE 9-16. CYLINDER ASSEMBLY - OUTRIGGER (10042,10054)

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 9-17. CYLINDER ASSEMBLY - PIPE HANDLER

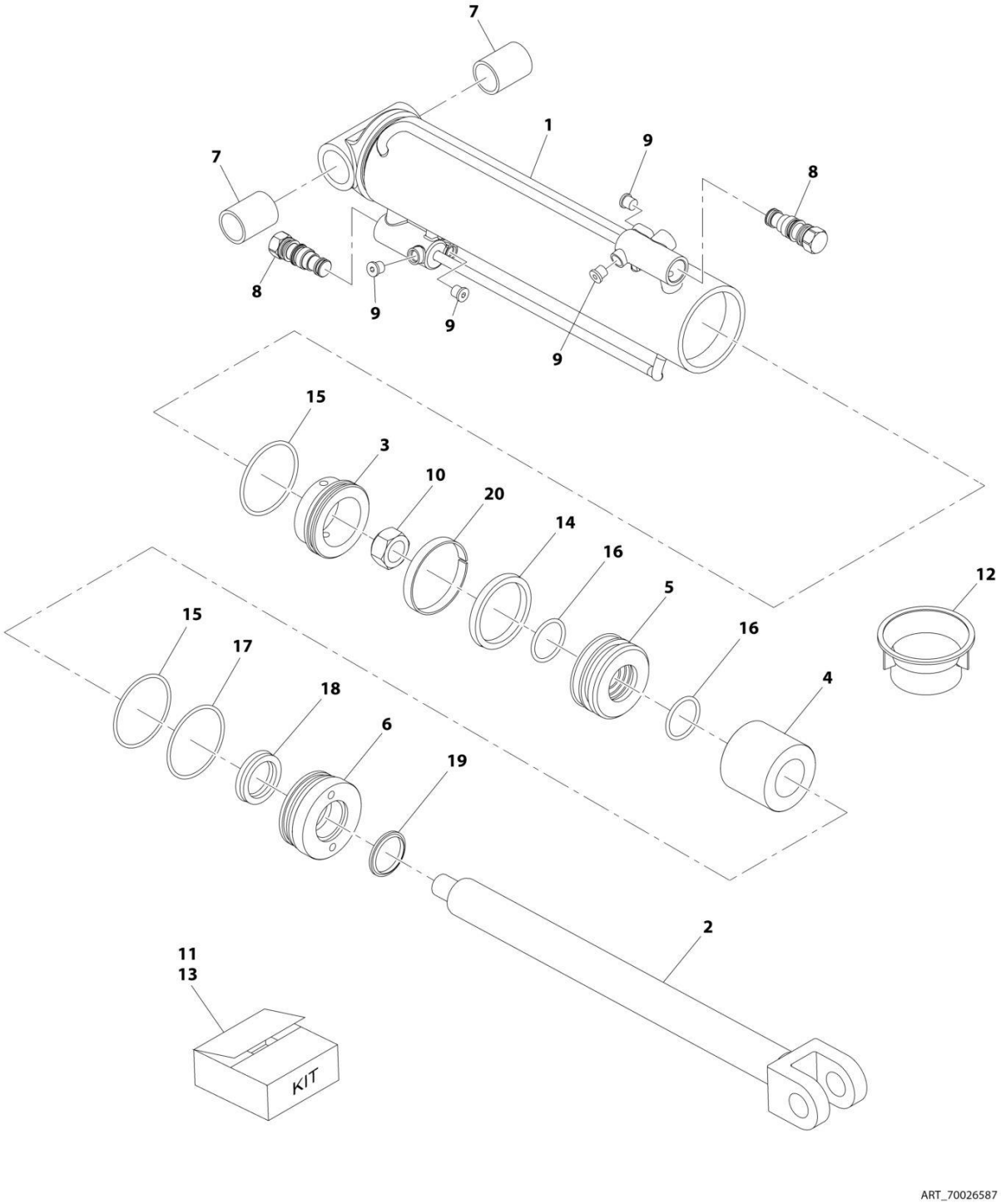


FIGURE 9-17. CYLINDER ASSEMBLY - PIPE HANDLER

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 9-18. CYLINDER ASSEMBLY - STABLI-TRAK

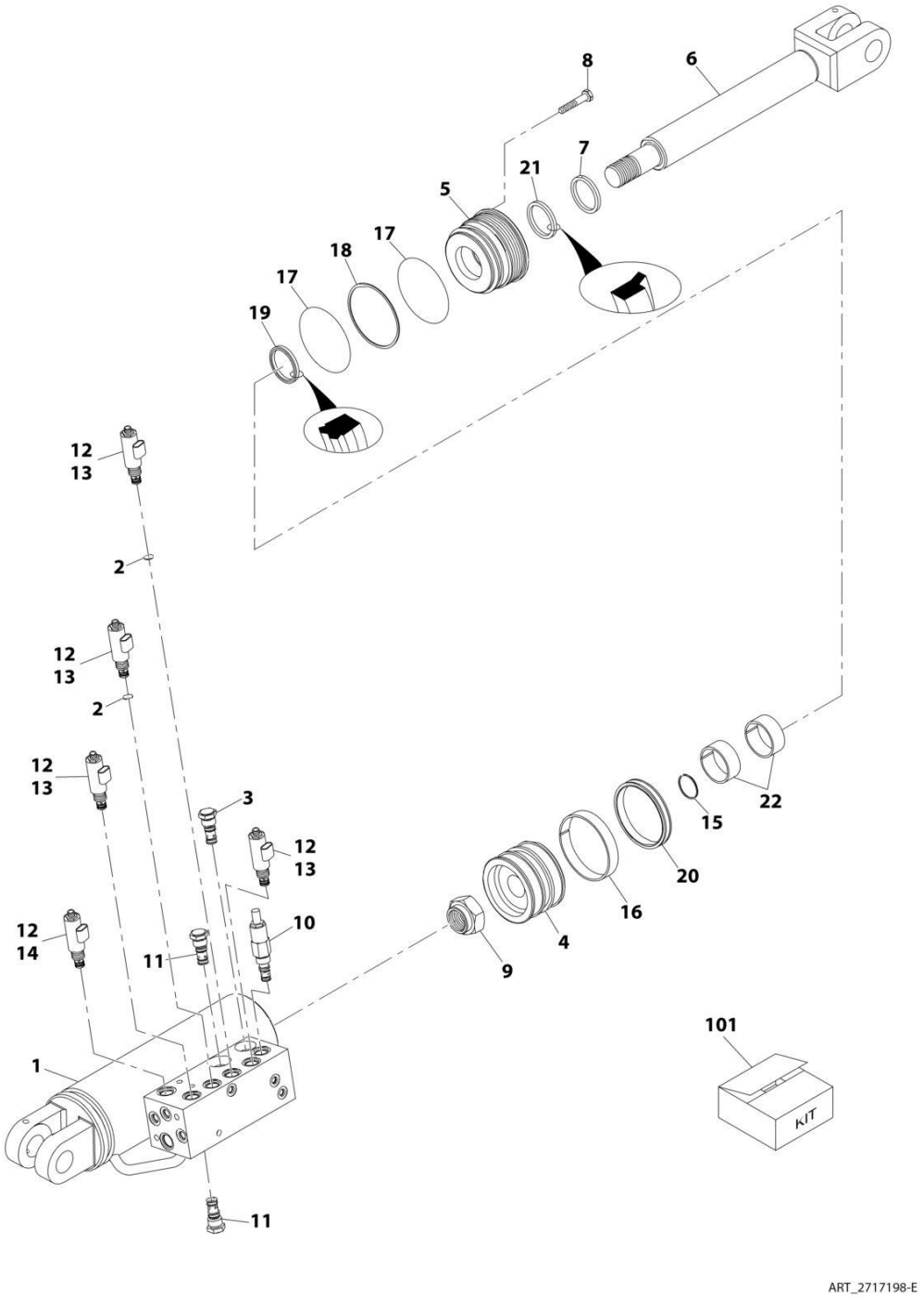
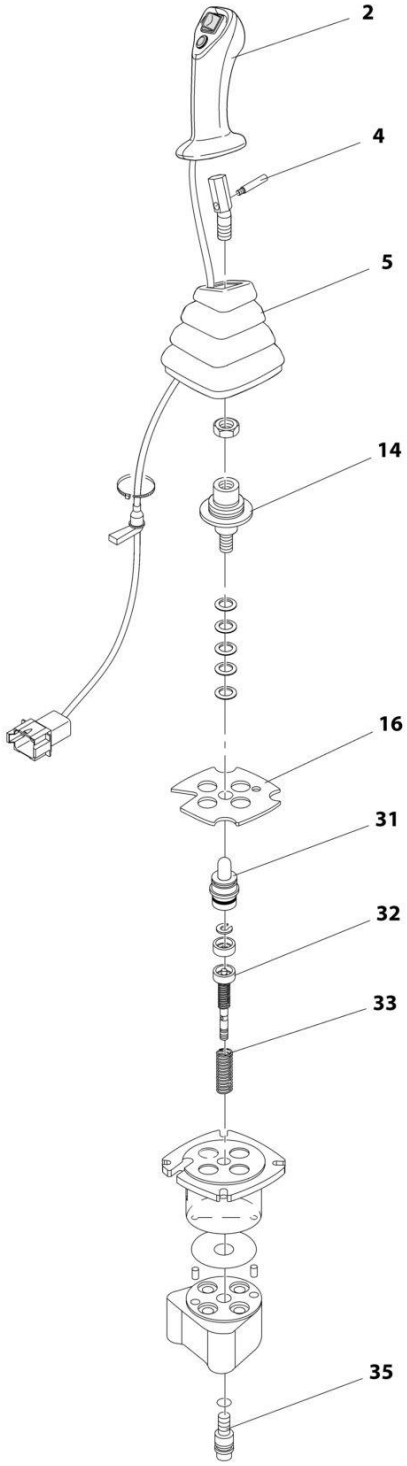


FIGURE 9-18. CYLINDER ASSEMBLY - STABLI-TRAK

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

FIGURE 9-19. STICKJOY ASSEMBLY

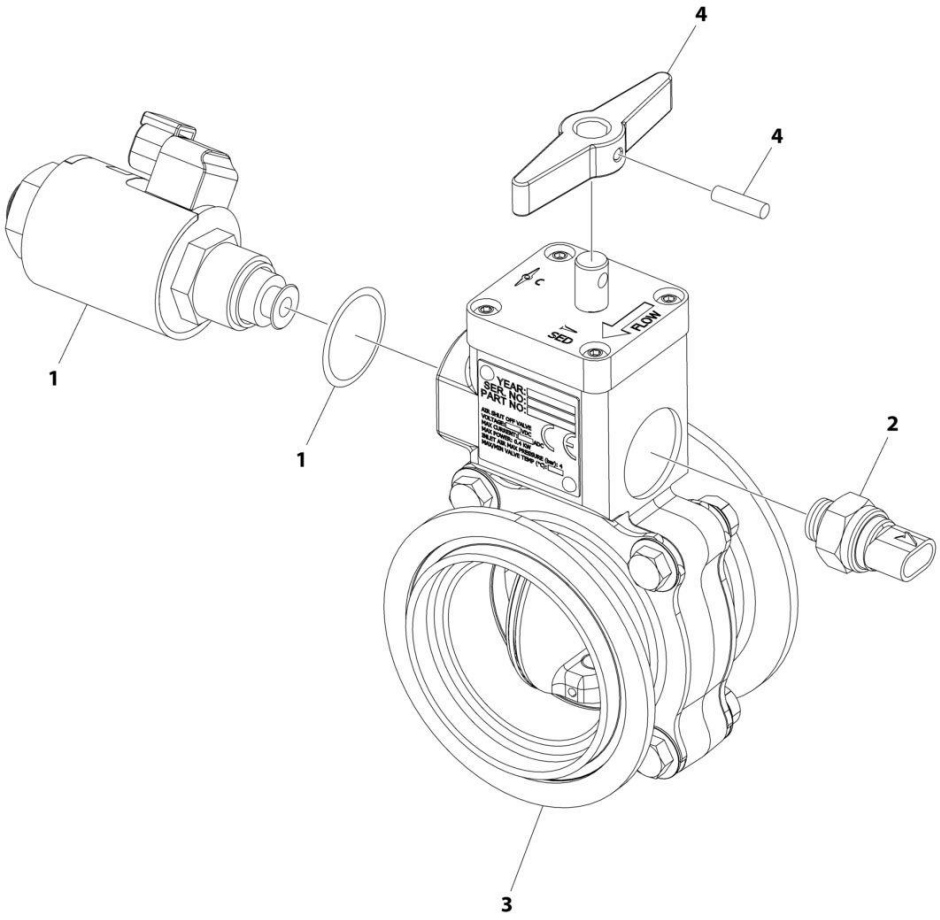


ART_1001158002-B

FIGURE 9-19. 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 9-20. VALVE ASSEMBLY - AIR SHUT OFF



ART_1001204032_C

FIGURE 9-20. 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 9-21. VALVE SUB-ASSEMBLY - BRAKE

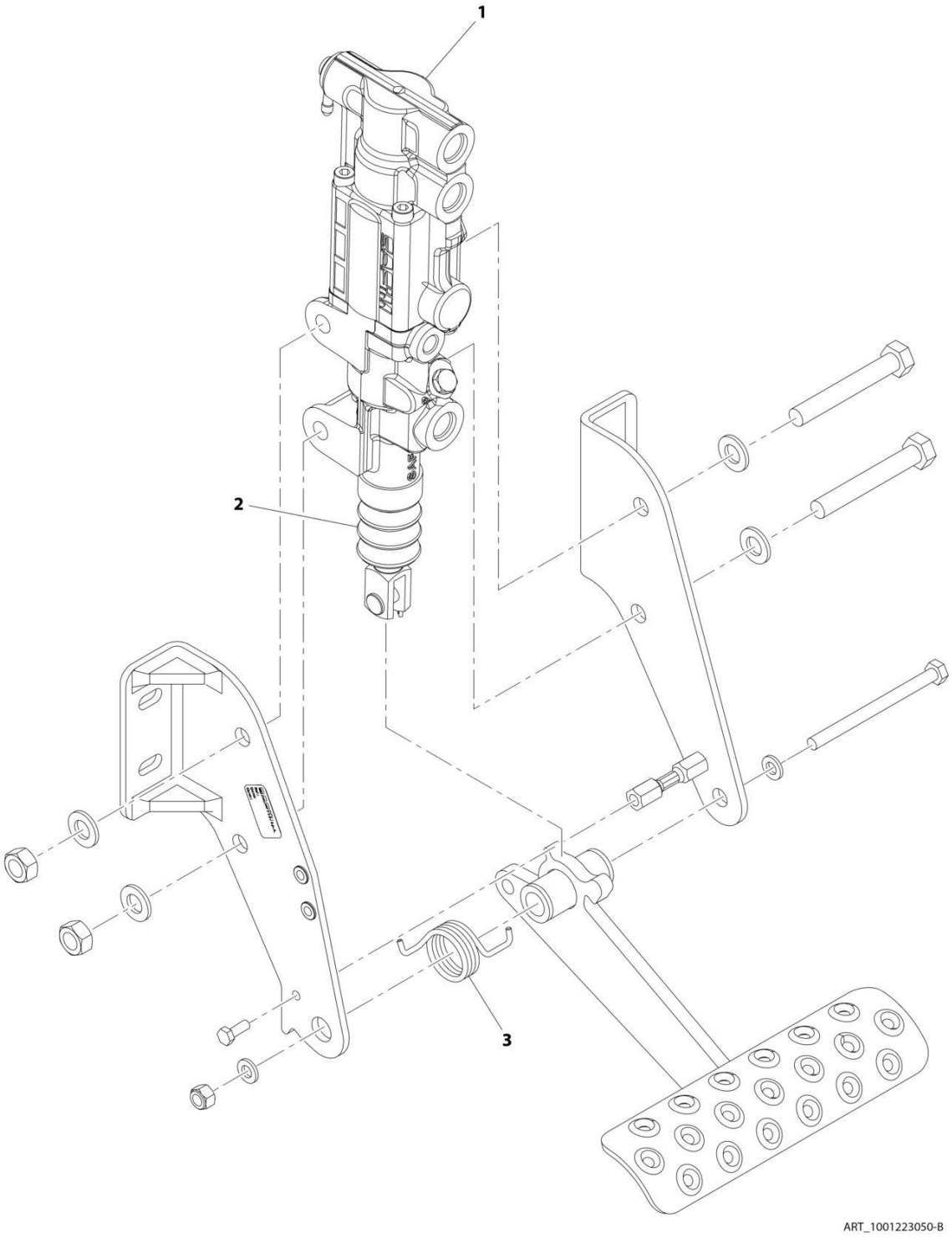


FIGURE 9-21. VALVE SUB-ASSEMBLY - BRAKE

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 9-22. VALVE ASSEMBLY - BRAKE

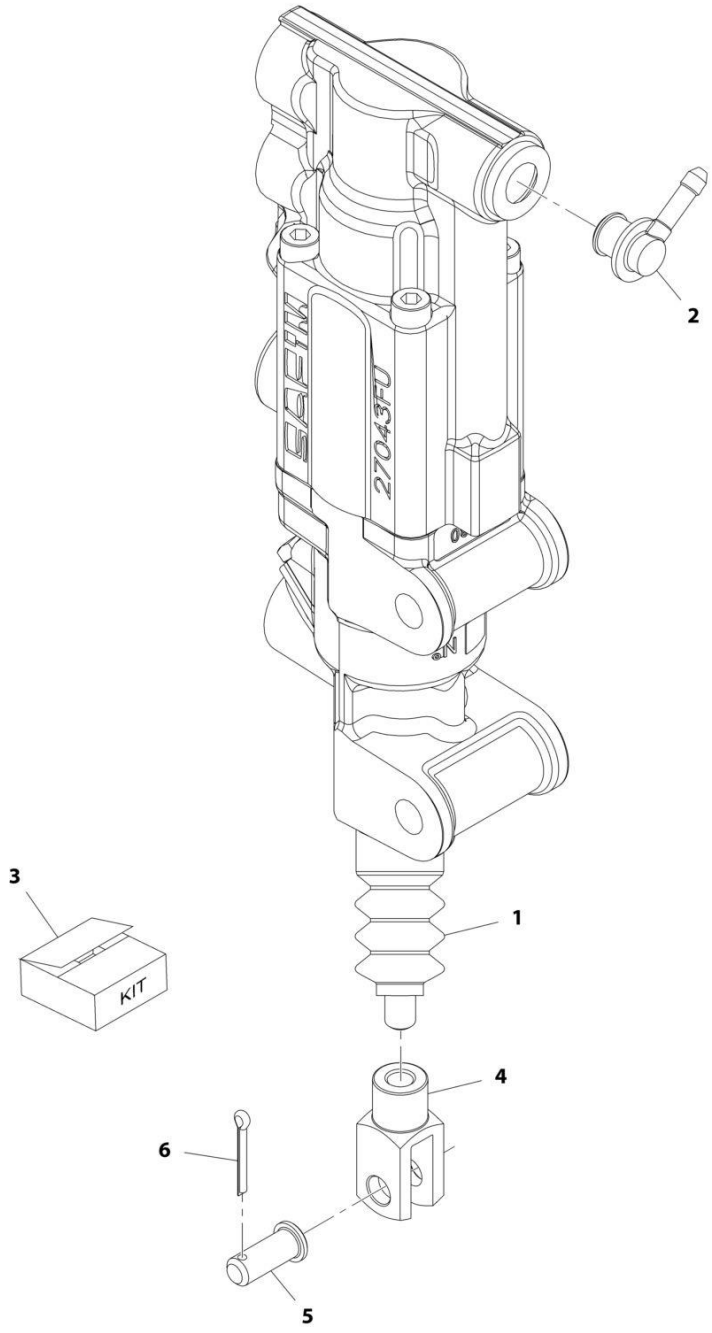


FIGURE 9-22. VALVE ASSEMBLY - BRAKE

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 9-23. VALVE ASSEMBLY - CARRIAGE FORK POSITIONING

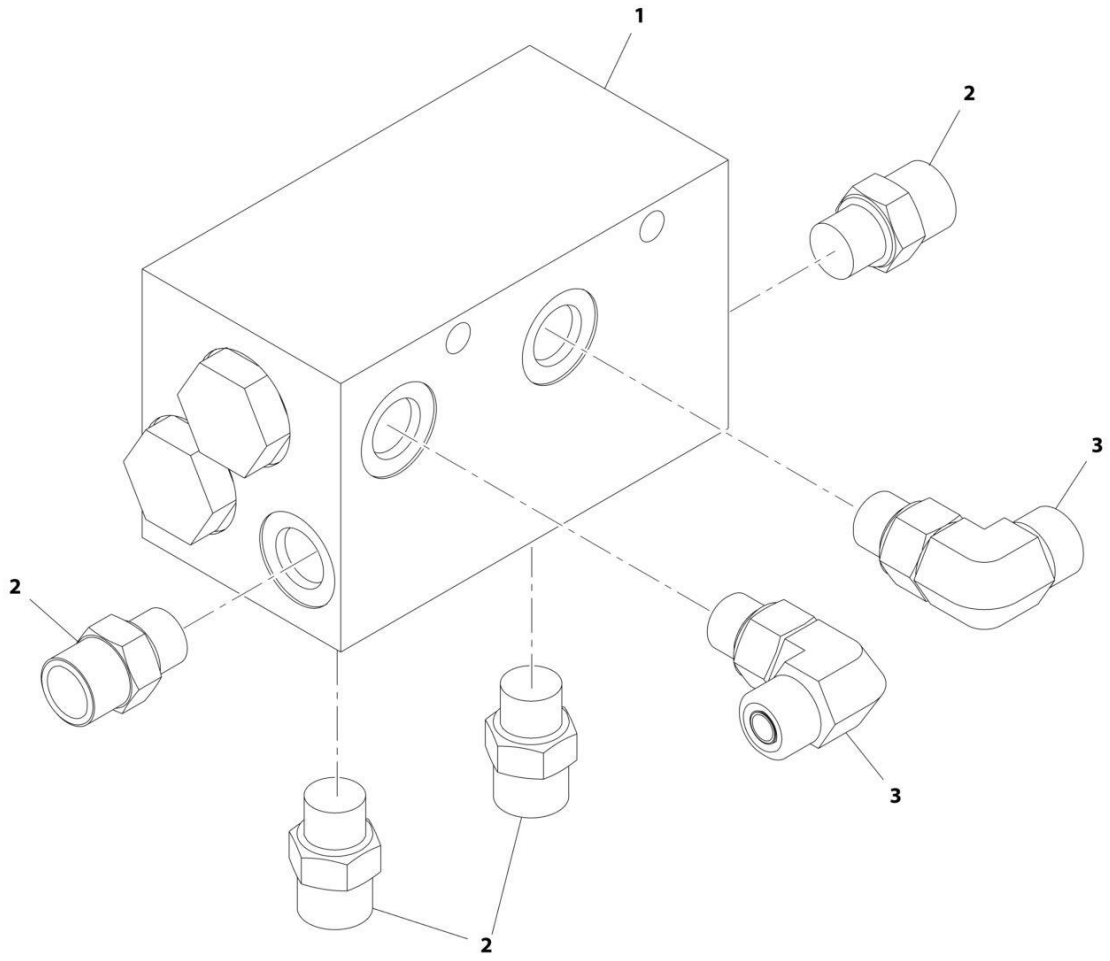


FIGURE 9-23. VALVE ASSEMBLY - CARRIAGE FORK POSITIONING

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 9-24. VALVE ASSEMBLY - CARRIAGE PIPE GRAPPLE

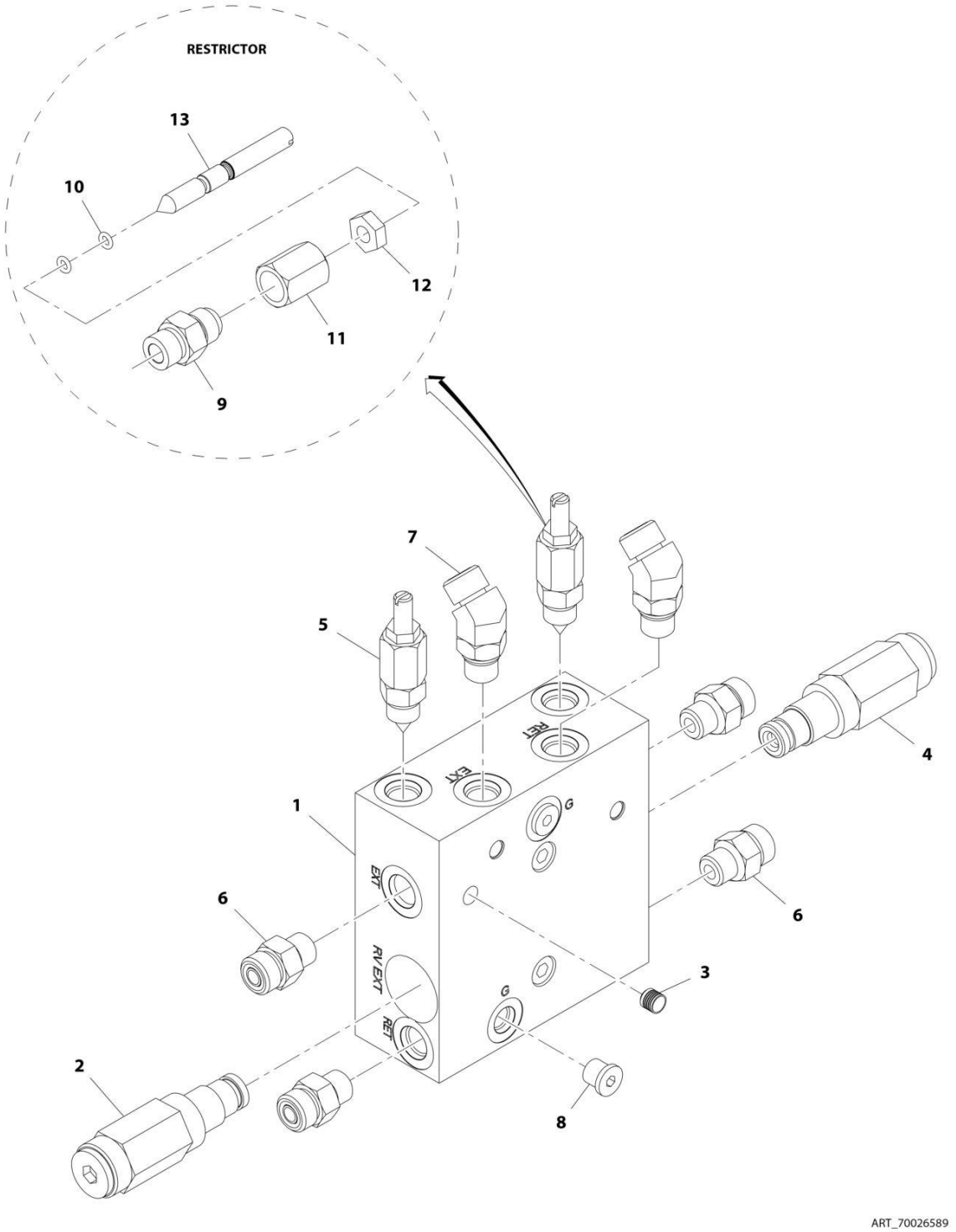


FIGURE 9-24. VALVE ASSEMBLY - CARRIAGE PIPE GRAPPLE

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 9-25. VALVE ASSEMBLY - FLOW DIVIDER

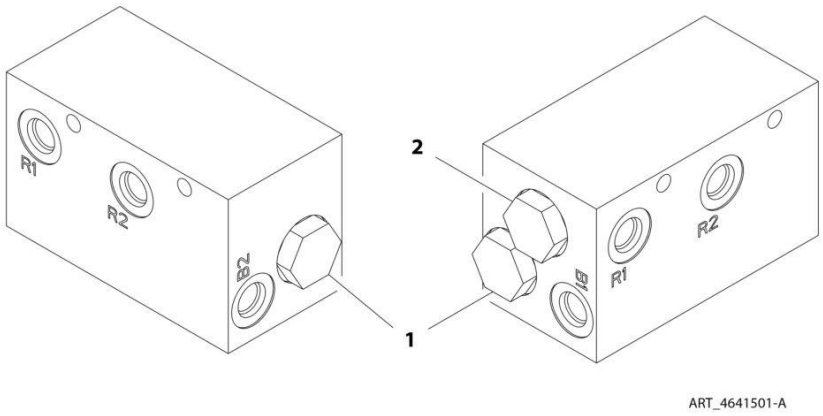


FIGURE 9-25. VALVE ASSEMBLY - FLOW DIVIDER

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

FIGURE 9-26. VALVE ASSEMBLY - MAIN CONTROL

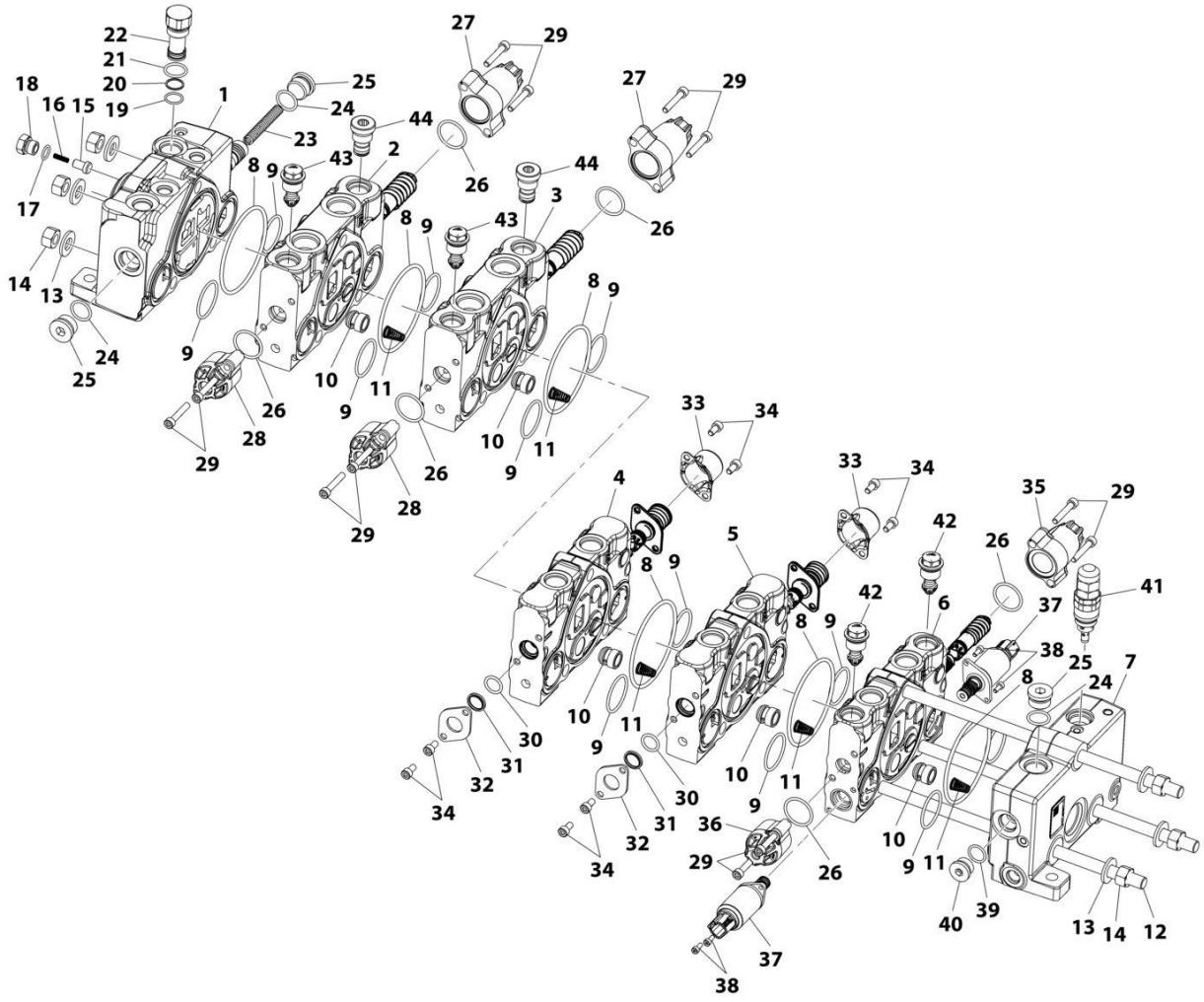


FIGURE 9-26. VALVE ASSEMBLY - MAIN CONTROL

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 9-27. VALVE ASSEMBLY - OUTRIGGER (10042,10054)

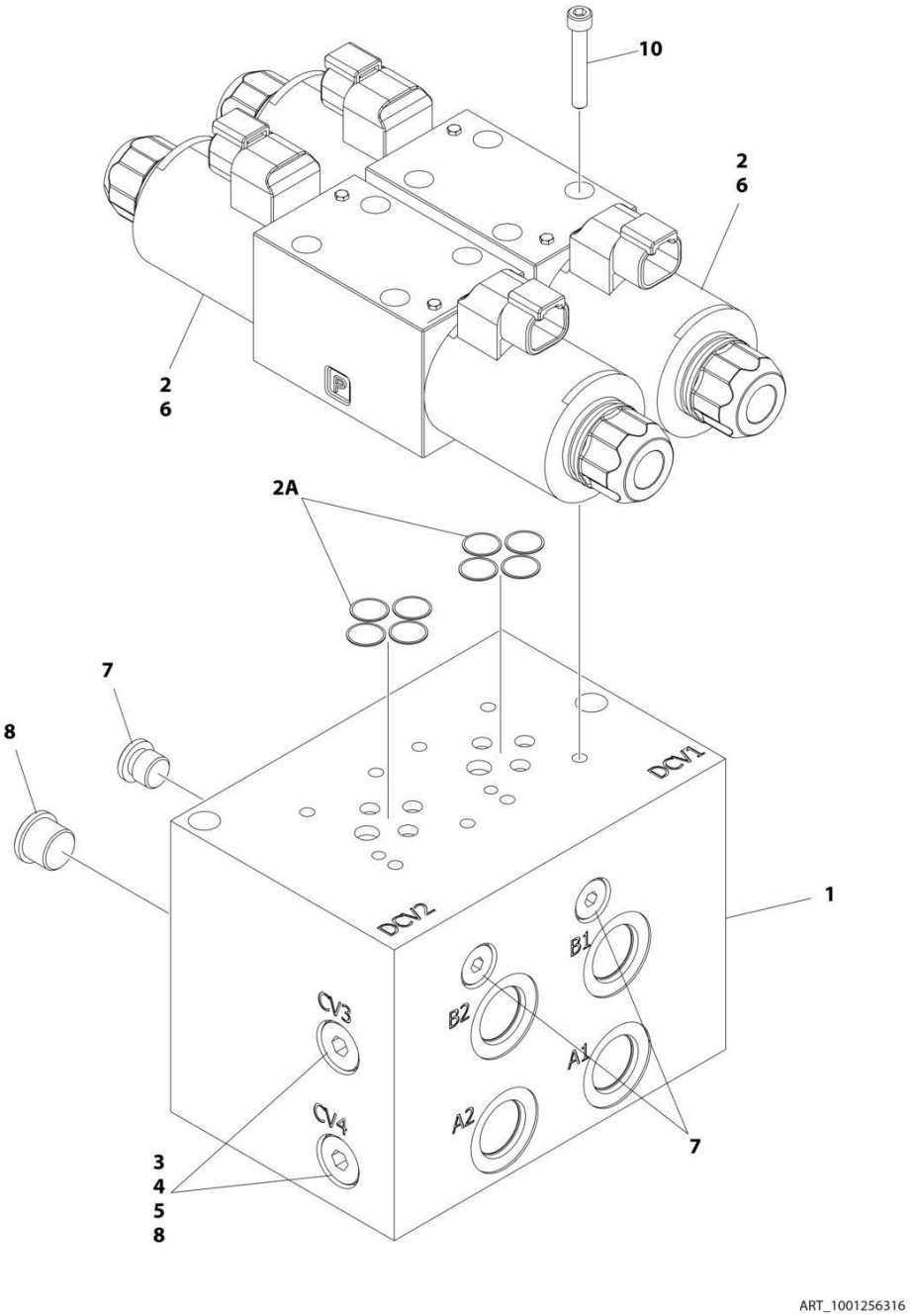


FIGURE 9-27. VALVE ASSEMBLY - OUTRIGGER (10042,10054)

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 9-28. VALVE ASSEMBLY - SECONDARY

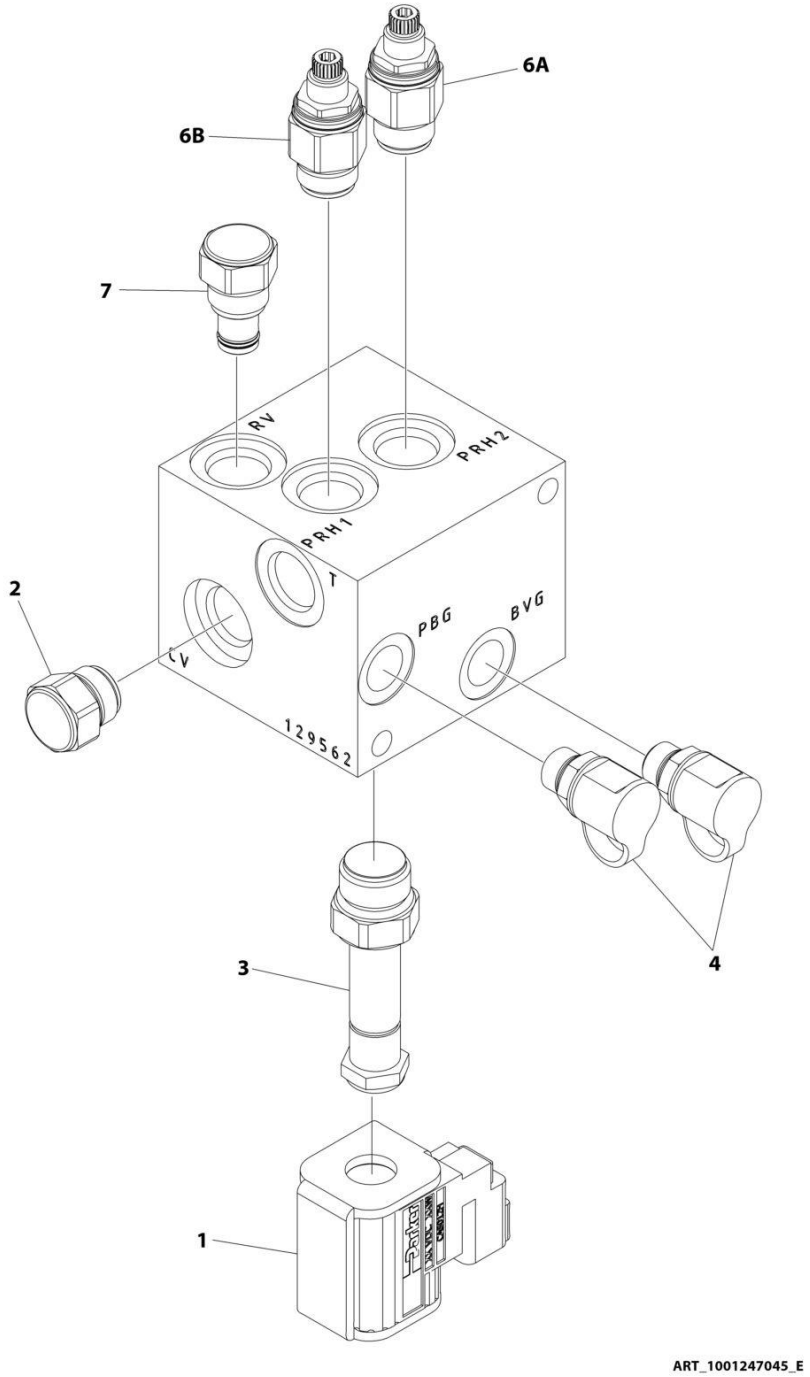
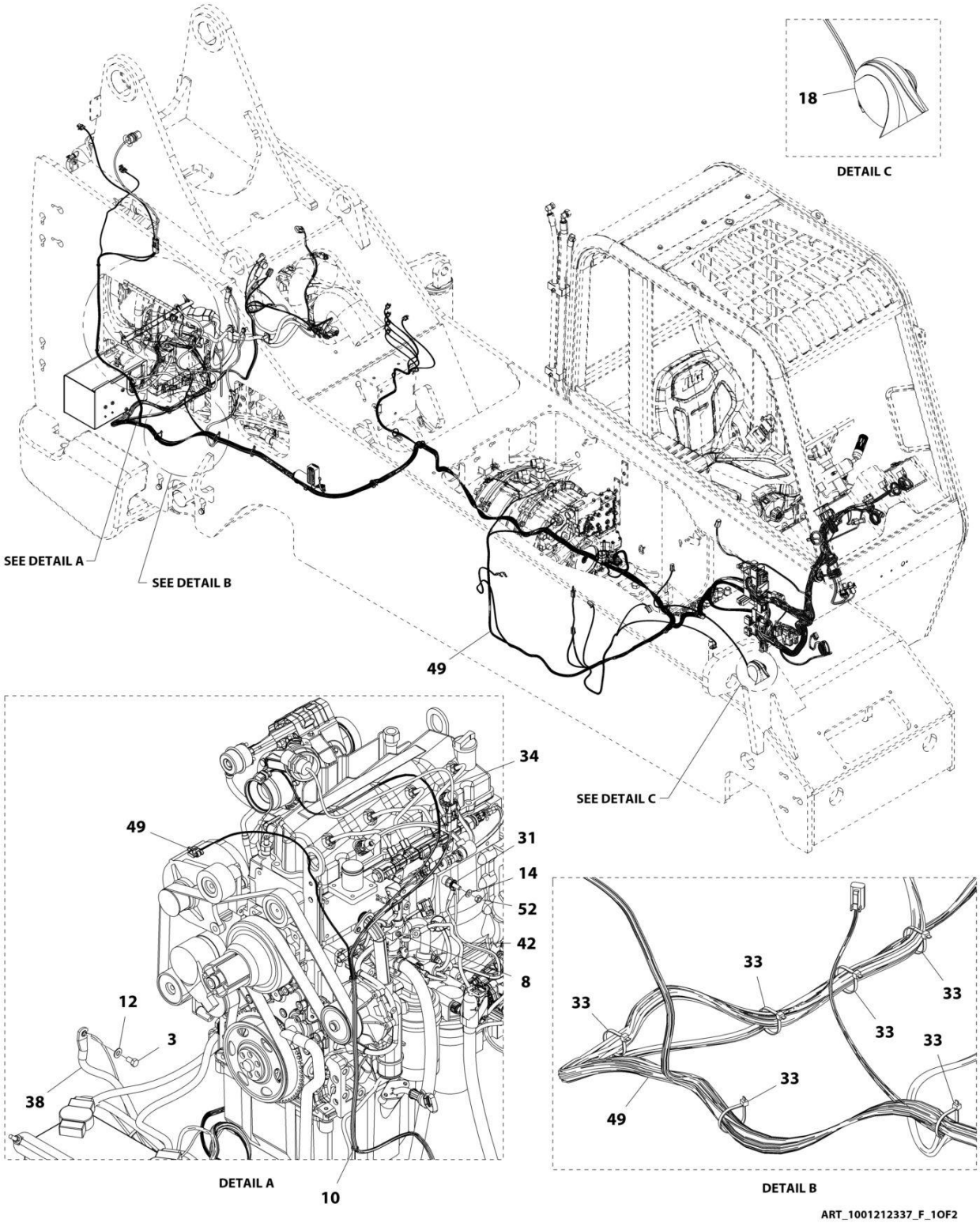


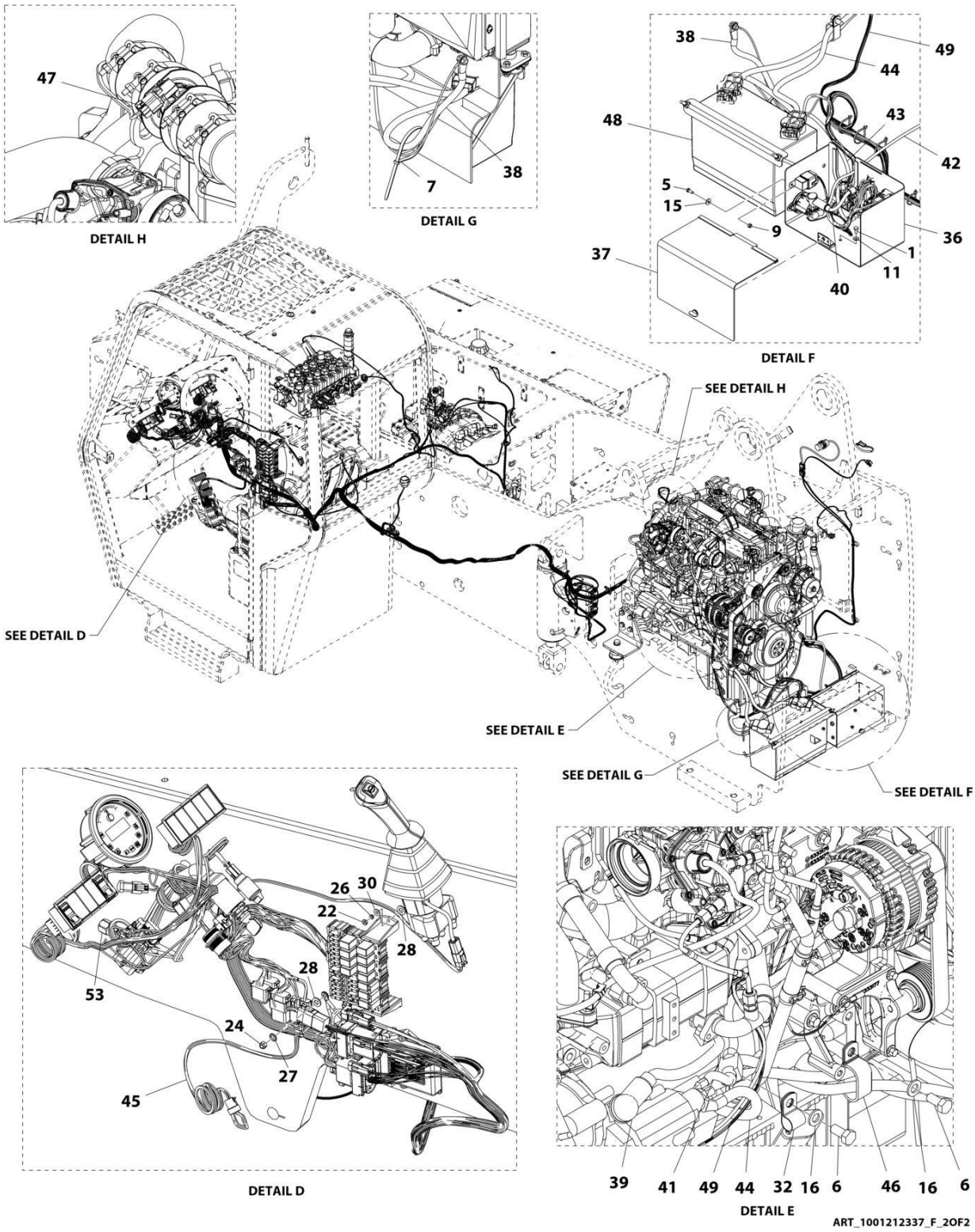
FIGURE 9-28. VALVE ASSEMBLY - SECONDARY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001247045	Ref	VALVE ASSEMBLY - SECONDARY	E
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	NSS	Fitting, Straight	
6A	70029558	1	Cartridge, Pressure Relief Valve	
	8032694	1	Seal Kit - 70029558 Valve	
6B	70029584	1	Cartridge, Pressure Relief Valve	
	8032694	1	Seal Kit - 70029584 Valve	
7	See Note	NSS	Plug	

SECTION 10 - ELECTRICAL

FIGURE 10-1. ELECTRICAL INSTALLATION (74HP) (ULS) (8042)



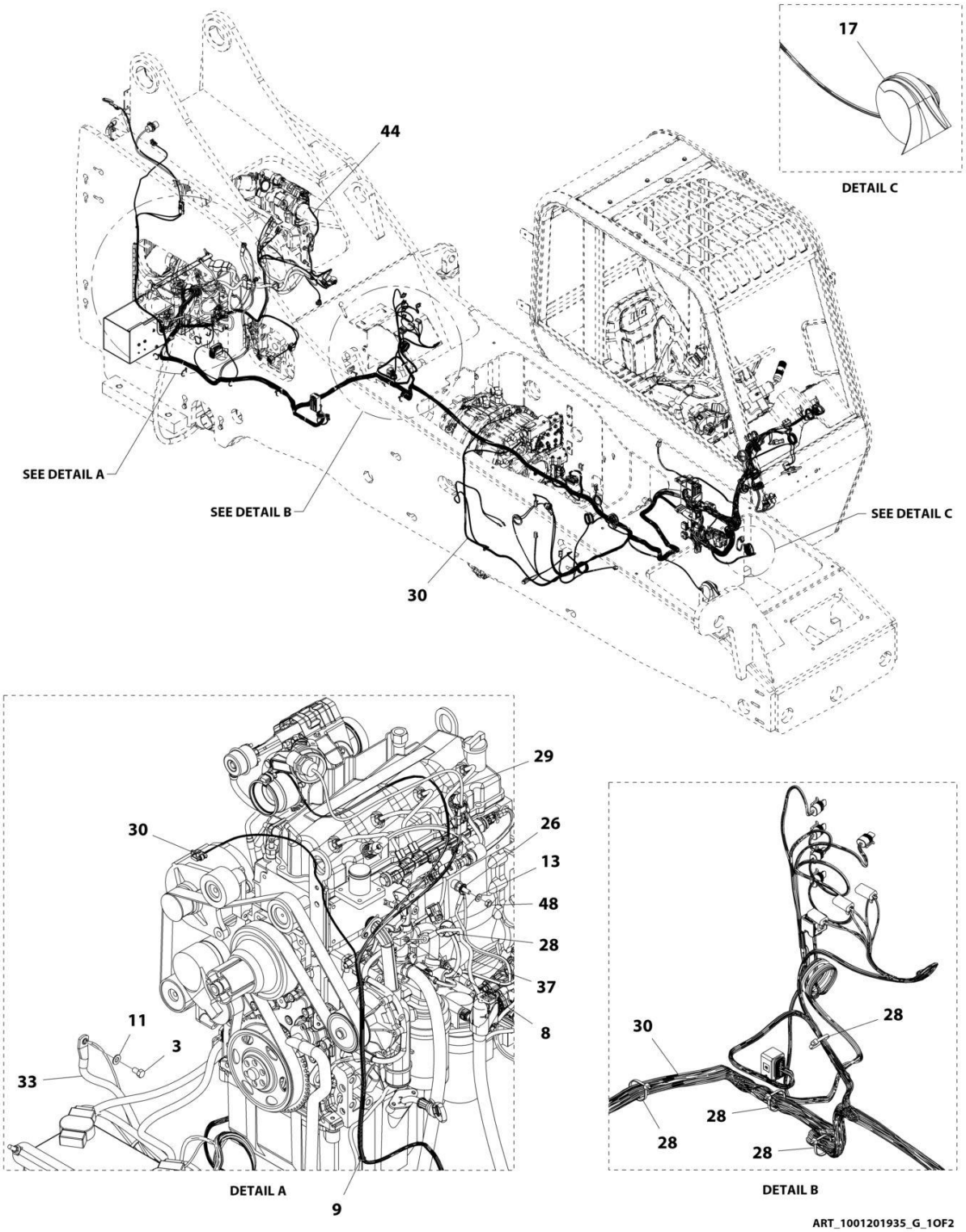

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DETAIL G
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SECTION 10 - ELECTRICAL

FIGURE 10-1. ELECTRICAL INSTALLATION (74HP) (ULS) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212337	Ref	Electrical Installation, 74HP (ULS)	F
1	0641404	3	Bolt, 1/4X1/2	
3	0641605	1	Bolt, 3/8X5/8	
5	8303545	1	Bolt, 10X14 LG	
6	0761212	2	Bolt, M12X25	
7	1062255	1	Strap, Tie	
8	3290601	1	Nut, M6X1	
9	3290605	1	Nut, M6X1	
10	4240017	3	Strap, Tie	
11	4711400	3	Washer, 1/4	
12	4711600	1	Washer, 3/8	
14	4811900	1	Washer, M8	
15	4811702	1	Washer, M6	
16	4812100	2	Washer, M12	
18	8270620	1	Horn, Signal	
22	8305002	3	Nut, 10-24	
24	8305624	2	Nut 1/4	
26	8307003	3	Washer, Lock M10	
27	8307027	4	Washer, Lock 5/16	
28	8307106	5	Washer, 5/16	
30	8307111	3	Washer, M10	
31	8310046	1	Washer, Lock M10	
32	8406105	1	Clip Tube	
33	8584001	12	Wrap, Tie	
34	1001130307	1	Sensor, Boom	
36	1001170233	1	Installation, Relay Panel (See Separate Breakdown in this Section)	
37	1001170234	1	Assembly, Relay Panel Cover (See Separate Breakdown in this Section)	
38	1001171234	1	Cable, Battery Negative	
39	1001171236	1	Cable, Starter Ground	
40	1001171237	1	Cable, Grid Heater to Fuse Power	
41	1001171238	1	Cable, Alternator Power	
42	1001171239	1	Cable, Grid Heater Power	
43	1001171633	1	Cable, Buss Power	
44	1001171757	1	Cable, Starter Power	
45	1001178285	1	Harness, Cab Power Distribution (See Separate Breakdown in this Section)	
46	1001181899	1	Clamp	
47	1001184835	1	Harness, TBAP (See Separate Breakdown in this Section)	
48	1001186841	1	Installation, Battery (See Separate Breakdown in this Section)	
49	1001199889	1	Engine Harness, (See Separate Breakdown in this Section)	
52	3290801	1	Nut, M8	
53	1001250700	1	Switch, Pressure	

FIGURE 10-2. ELECTRICAL INSTALLATION (110HP) (ULS) (8042)



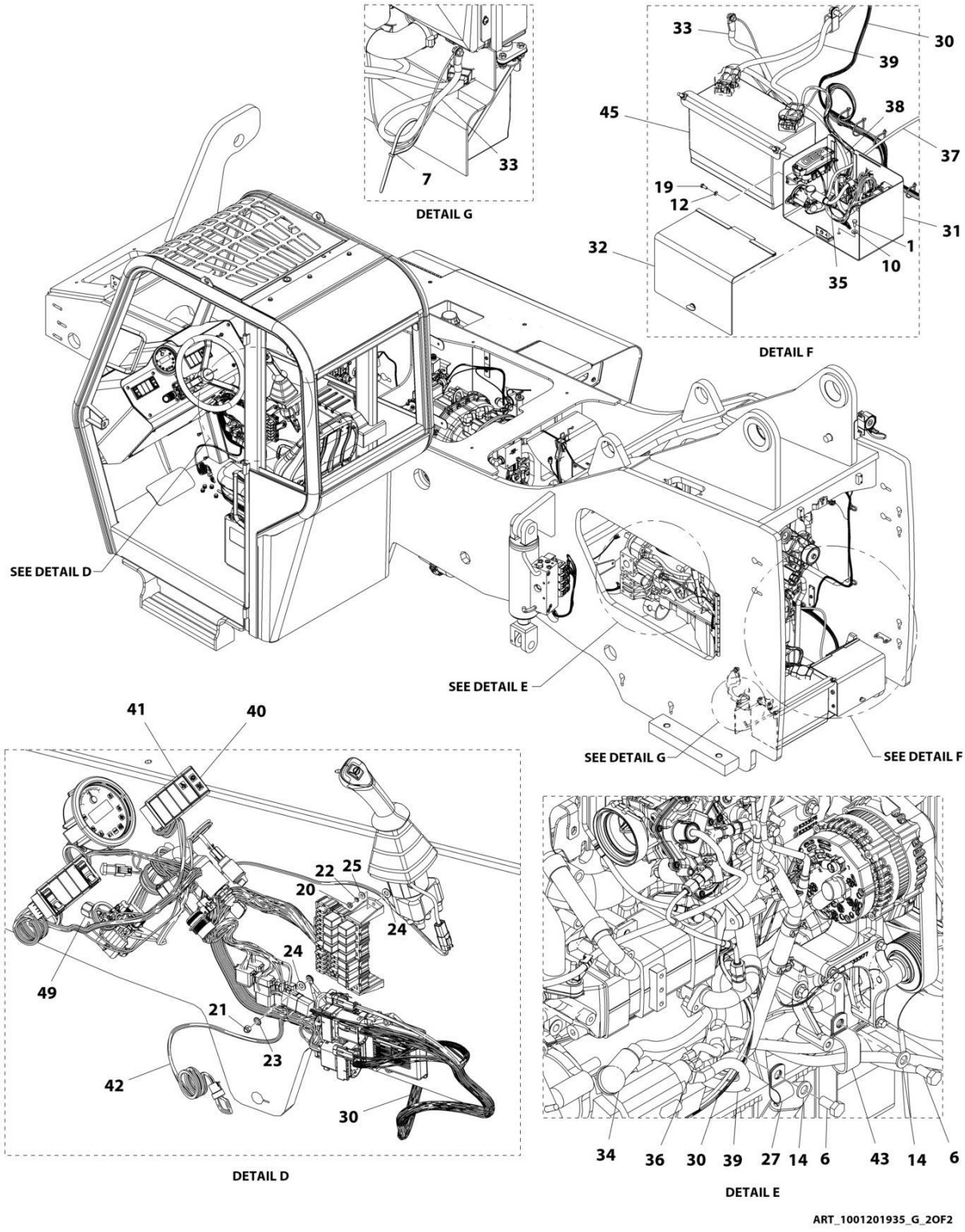
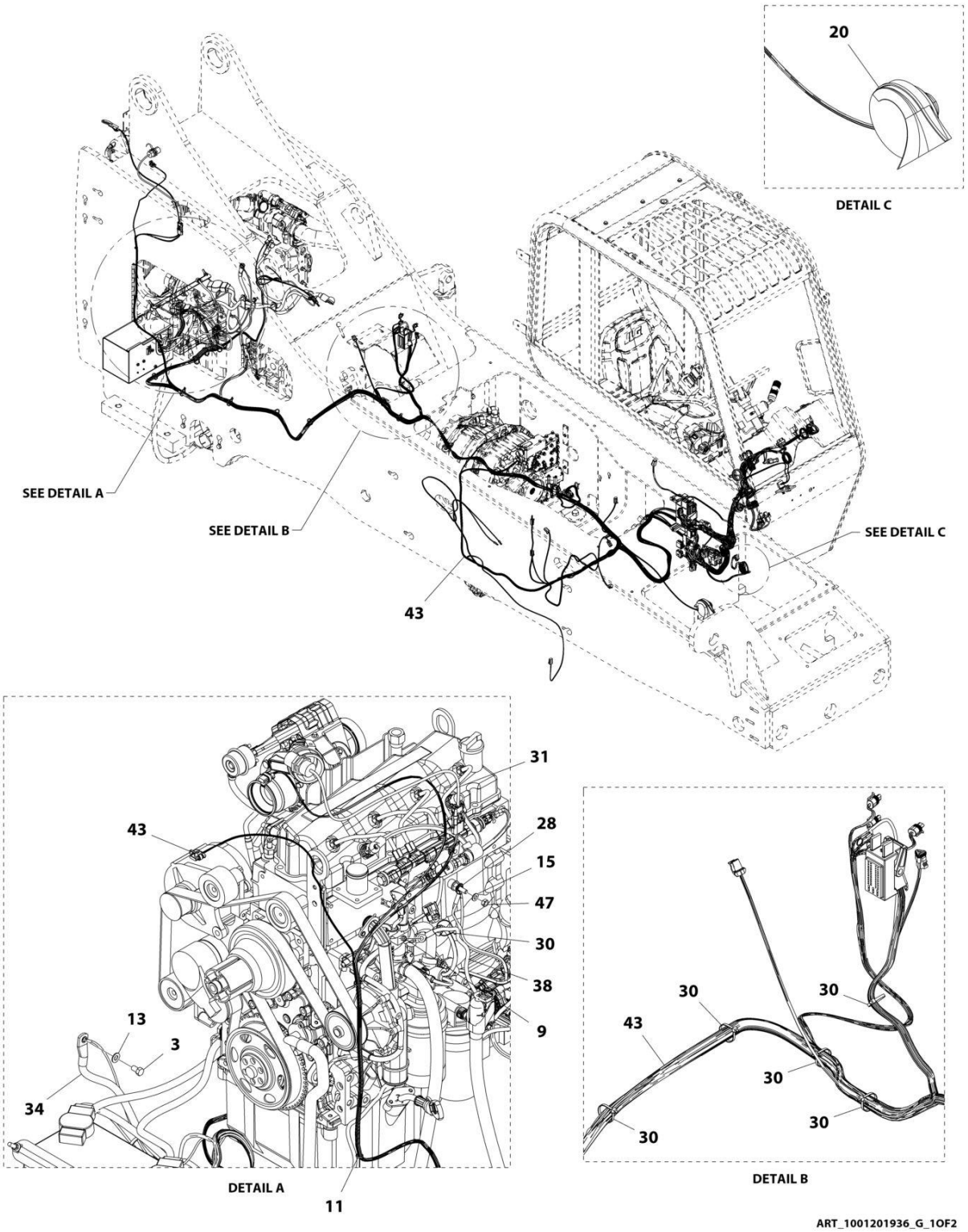

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ART_1001201935_G_2OF2

FIGURE 10-2. ELECTRICAL INSTALLATION (110HP) (ULS) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201935	Ref	Electrical Installation, 110HP (if equipped for ULS)	G
1	0641404	3	Bolt, 1/4X1/2	
3	0641605	1	Bolt, 3/8X5/8	
6	0761212	2	Bolt, M12X25	
7	1062255	1	Strap, Tie	
8	3290601	1	Nut, M6X1	
9	4240017	2	Strap, Tie	
10	4711400	3	Washer, 1/4	
11	4711600	1	Washer, 3/8	
12	4811700	2	Washer, M6	
13	4811900	1	Washer, M8	
14	4812100	2	Washer, M12	
17	8270620	1	Horn, Signal	
19	8303545	2	Screw, M6X1X14	
20	8305002	3	Nut, #10-24	
21	8305624	2	Nut 1/4	
22	8307003	3	Washer, Lock M10	
23	8307027	4	Washer, Lock 5/16	
24	8307106	5	Washer, 5/16	
25	8307111	3	Washer, M10	
26	8310046	1	Washer, Lock M10	
27	8406105	1	Clip Tube	
28	8584001	13	Wrap, Tie	
29	1001130307	1	Sensor, Boom	
30	1001169620	1	Harness, Engine (See Separate Breakdown in this Section)	
31	1001170233	1	Installation, Relay Panel (See Separate Breakdown in this Section)	
32	1001170234	1	Assembly, Relay Panel Cover (See Separate Breakdown in this Section)	
33	1001171234	1	Cable, Battery Negative	
34	1001171236	1	Cable, Starter Ground	
35	1001171237	1	Cable, Grid Heater to Fuse Power	
36	1001171238	1	Cable, Alternator Power	
37	1001171239	1	Cable, Grid Heater Power	
38	1001171633	1	Cable, Buss Power	
39	1001171757	1	Cable, Starter Power	
40	1001172135	1	Indicator, Engine	
41	1001172136	1	Indicator, Hest	
42	1001178285	1	Harness, Cab Power Distribution (See Separate Breakdown in this Section)	
43	1001181899	1	Clamp	
44	1001184835	1	Harness, TBAP (See Separate Breakdown in this Section)	
45	1001186841	1	Installation, Battery (See Separate Breakdown in this Section)	
48	3290801	1	Nut, M8	
49	1001250700	1	Switch, Pressure	

FIGURE 10-3. ELECTRICAL INSTALLATION (110HP) (LS) (8042)



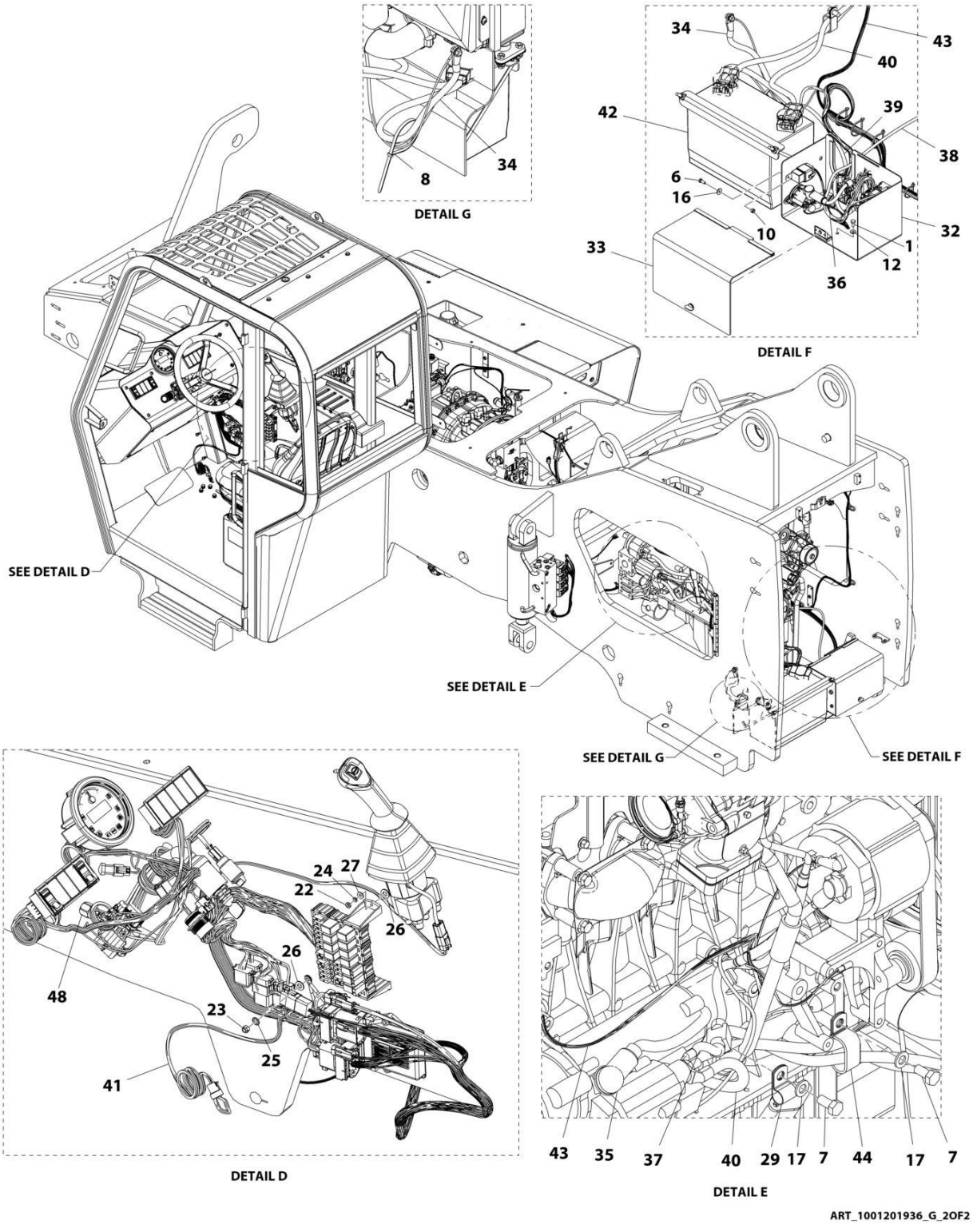
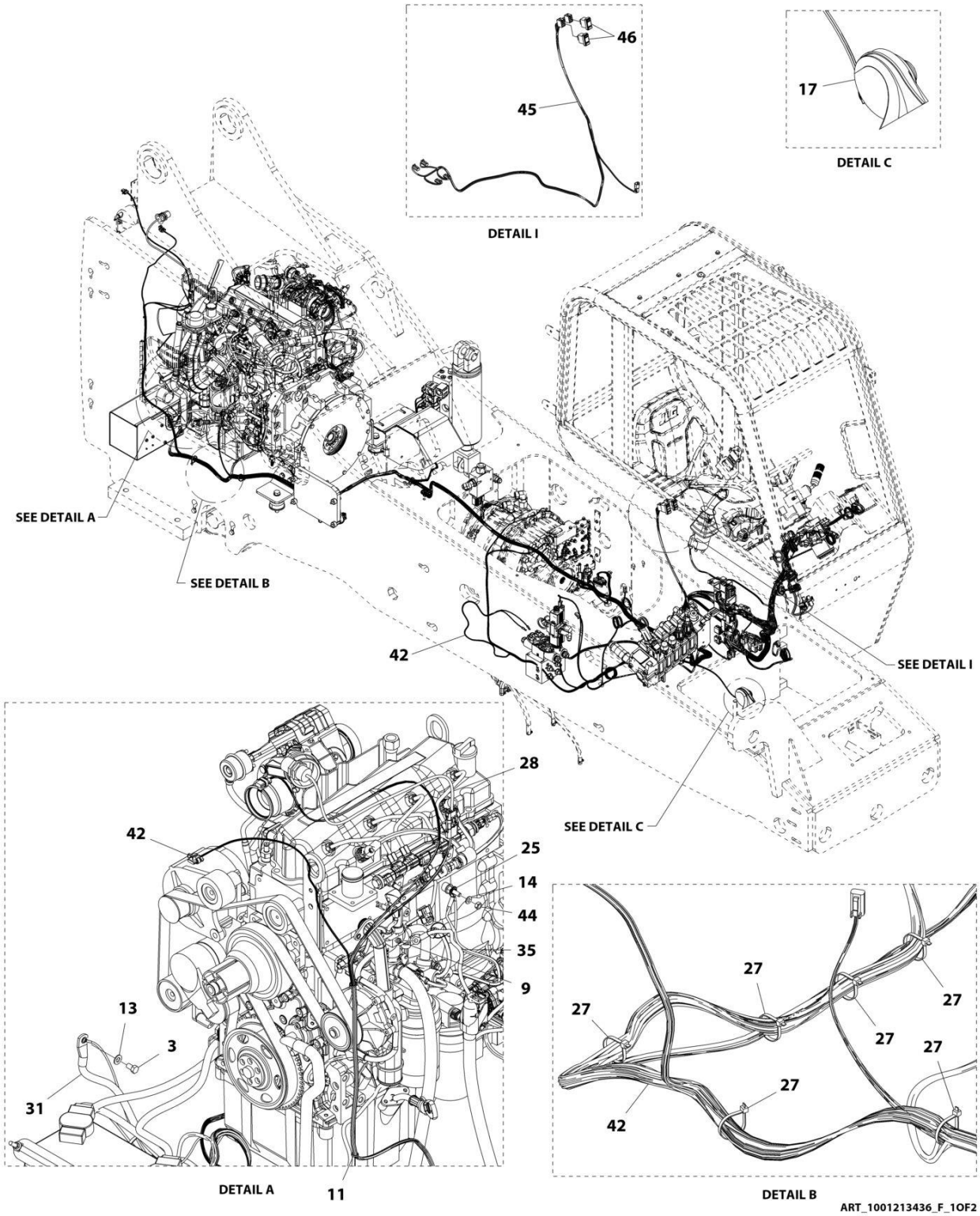

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ART_1001201936_G_2OF2

FIGURE 10-3. ELECTRICAL INSTALLATION (110HP) (LS) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201936	Ref	Electrical Installation, 110HP (LS)	G
1	0641404	3	Bolt, 1/4-20X1/2	
3	0641605	2	Bolt, 3/8-16X5/8	
6	8303545	1	Bolt, M6X1X14	
7	0761212	2	Bolt, M12X25	
8	1062255	1	Strap, Tie	
9	3290601	1	Nut, M6X1	
10	3290605	1	Nut, Lock M6X1	
11	4240017	2	Strap, Tie	
12	4711400	3	Washer, 1/4	
13	4711600	2	Washer, 3/8	
15	4811900	1	Washer, M8	
16	4811702	1	Washer, M6	
17	4812100	2	Washer, M12	
20	8270620	1	Horn, Signal	
22	8305002	3	Nut, 10-24	
23	8305624	2	Nut, Lock 1/4-20	
24	8307003	3	Washer, Lock M10	
25	8307027	4	Washer, Lock External Tooth 5/16	
26	8307106	5	Washer, 5/16	
27	8307111	3	Washer, M10	
28	8310046	1	Washer, Lock External Tooth M10	
29	8406105	1	Clip Tube	
30	8584001	12	Wrap, Tie	
31	1001130307	1	Sensor, Boom	
32	1001170233	1	Installation, Relay Panel (See Separate Breakdown in this Section)	
33	1001170234	1	Assembly, Relay Panel Cover (See Separate Breakdown in this Section)	
34	1001171234	1	Cable, Battery Negative	
35	1001171236	1	Cable, Starter Ground	
36	1001171237	1	Cable, Grid Heater to Fuse Power	
37	1001171238	1	Cable, Alternator Power	
38	1001171239	1	Cable, Grid Heater Power	
39	1001171633	1	Cable, Buss Power	
40	1001171757	1	Cable, Starter Power	
41	1001178285	1	Harness, Cab Power Distribution (See Separate Breakdown in this Section)	
42	1001186841	1	Installation, Battery (See Separate Breakdown in this Section)	
43	1001189488	1	Engine Harness (See Separate Breakdown in this Section)	
44	1001181899	1	Clamp	
47	3290801	1	Nut, M8X1.25	
48	1001250700	1	Switch, Pressure	

FIGURE 10-4. ELECTRICAL INSTALLATION (74HP) (ULS) (10042)



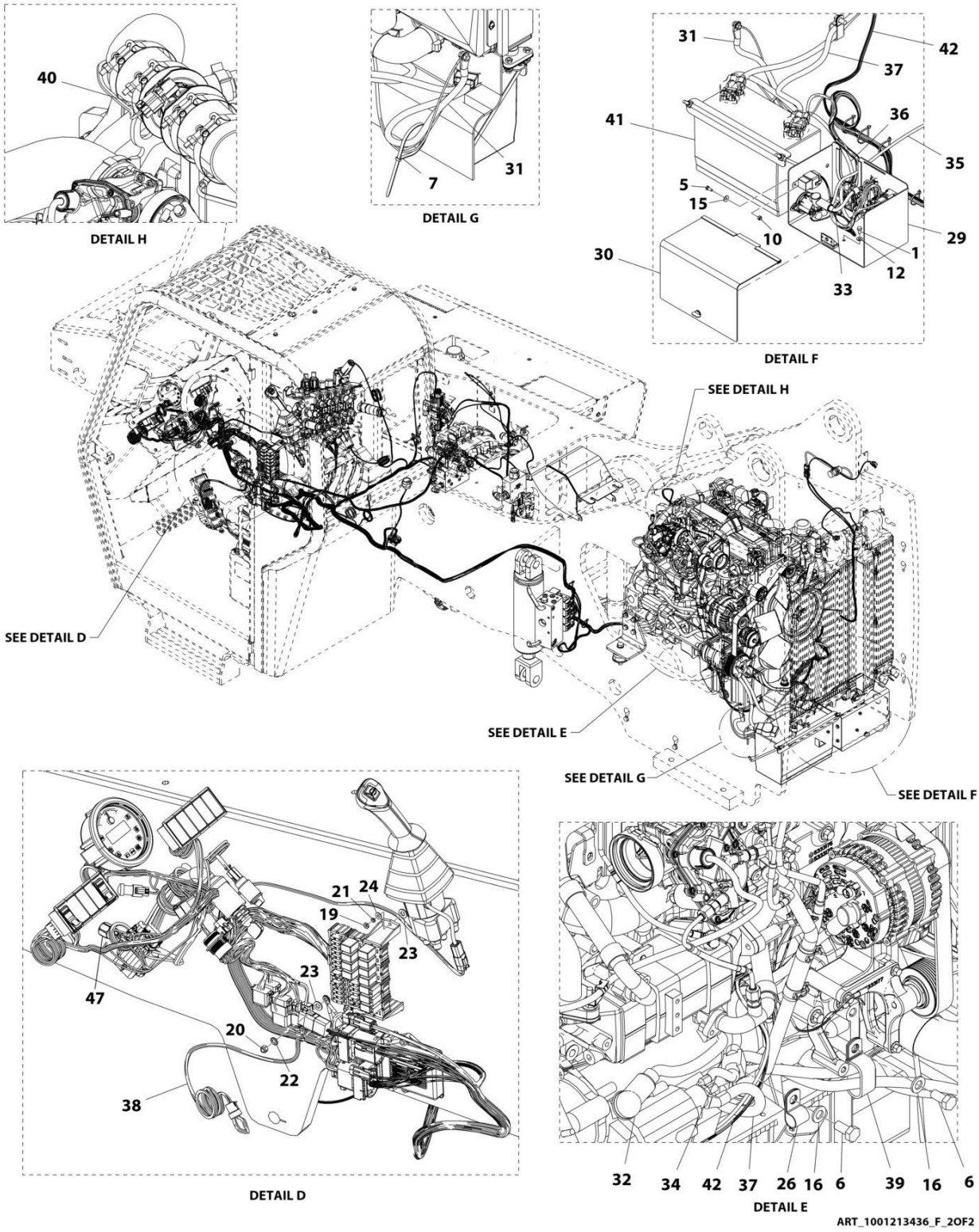
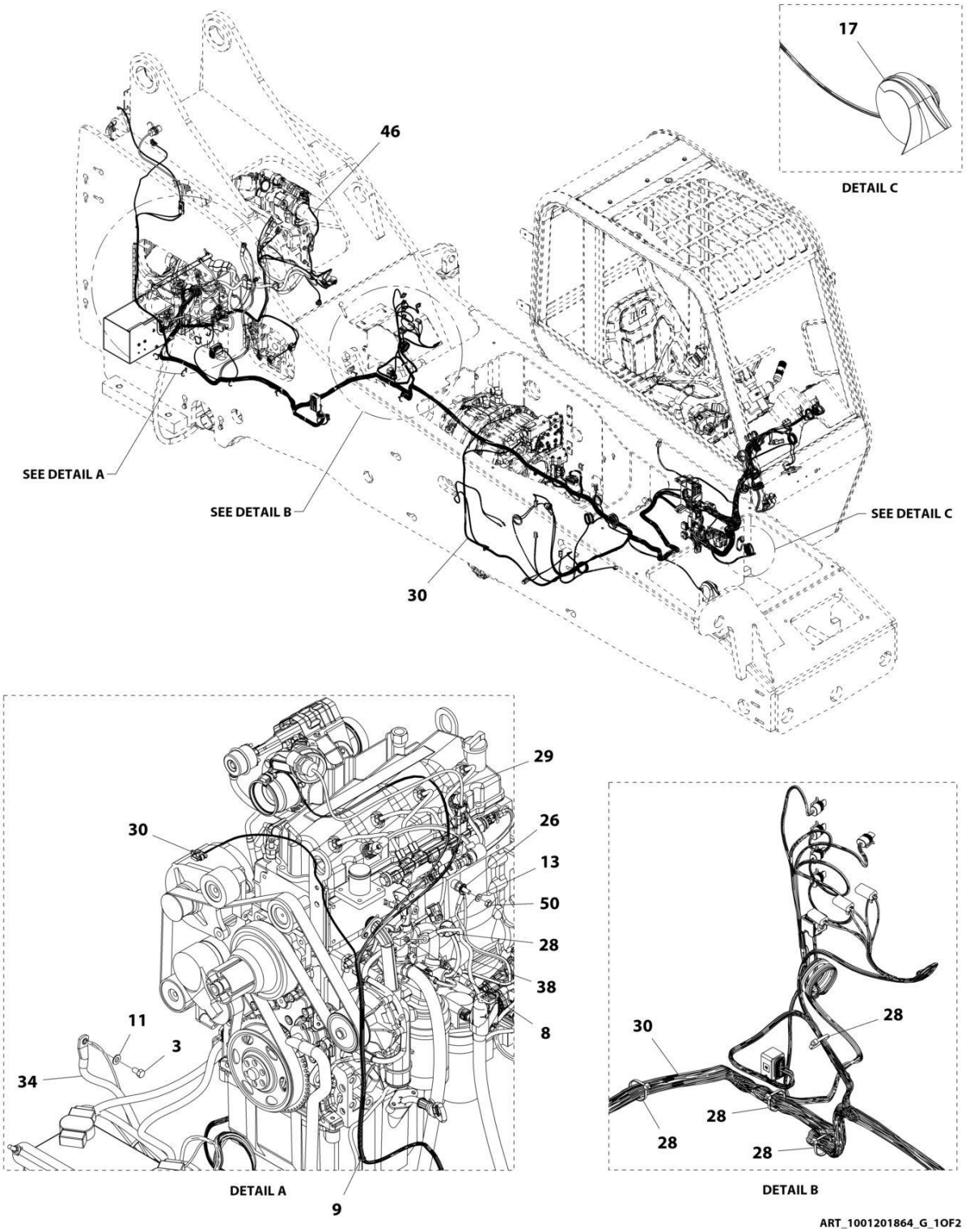

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ART_1001213436_F_2OF2

FIGURE 10-4. ELECTRICAL INSTALLATION (74HP) (ULS) (10042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213436	Ref	Electrical Installation, 74HP	F
1	0641404	3	Bolt, 1/4X1/2	
3	0641605	1	Bolt, 3/8X5/8	
5	8303545	1	Bolt, M6X1X14	
6	0761212	2	Bolt, M12X25	
7	1062255	1	Tie-Strap	
9	3290601	1	Nut, M6	
10	3290605	1	Nut M6	
11	4240017	2	Tie-Strap	
12	4711400	3	Washer, 1/4	
13	4711600	1	Washer, 3/8	
14	4811900	1	Washer, M8	
15	4811702	1	Washer, M6	
16	4812100	2	Washer, M12	
17	8270620	1	Horn, Signal	
19	8305002	3	Nut #10	
20	8305624	2	Nut 1/4	
21	8307003	3	Washer, Lock M10	
22	8307027	4	Washer, Lock 5/16	
23	8307106	5	Washer, 5/16	
24	8307111	3	Washer, M10	
25	8310046	1	Washer, Lock M10	
26	8406105	1	Clip Tube	
27	8584001	12	Wrap, Tie	
28	1001130307	1	Sensor, Boom	
29	1001170233	1	Installation, Relay Panel (See Separate Breakdown in this Section)	
30	1001170234	1	Assembly, Relay Panel Cover (See Separate Breakdown in this Section)	
31	1001171234	1	Cable, Battery Negative	
32	1001171236	1	Cable, Starter Ground	
33	1001171237	1	Cable, Grid Heater to Fuse Power	
34	1001171238	1	Cable, Alternator Power	
35	1001171239	1	Cable, Grid Heater Power	
36	1001171633	1	Cable, Buss Power	
37	1001171757	1	Cable, Starter Power	
38	1001178285	1	Harness, Cab Power Distribution (See Separate Breakdown in this Section)	
39	1001181899	1	Clamp	
40	1001184835	1	Harness, TBAP (See Separate Breakdown in this Section)	
41	1001186841	1	Installation, Battery (See Separate Breakdown in this Section)	
42	1001199889	1	Harness, Engine (See Separate Breakdown in this Section)	
44	3290801	1	Nut, M8X1.25	
45	1001177778	1	Outrigger Harness (See Separate Breakdown in this Section)	
46	1001170269	1	Switch, Outrigger	
47	1001250700	1	Switch, Pressure	

FIGURE 10-5. ELECTRICAL INSTALLATION (110HP) (ULS) (10042)



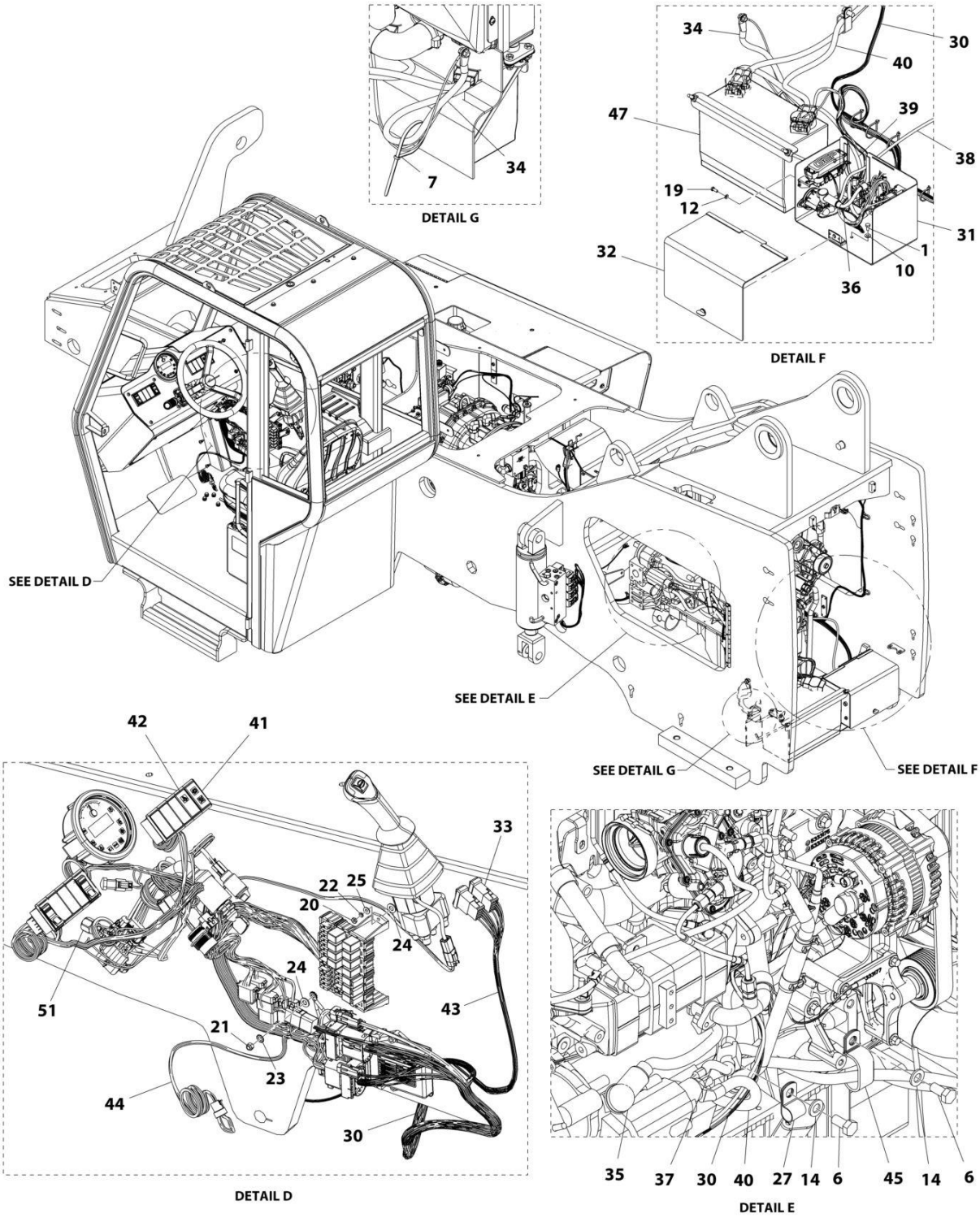
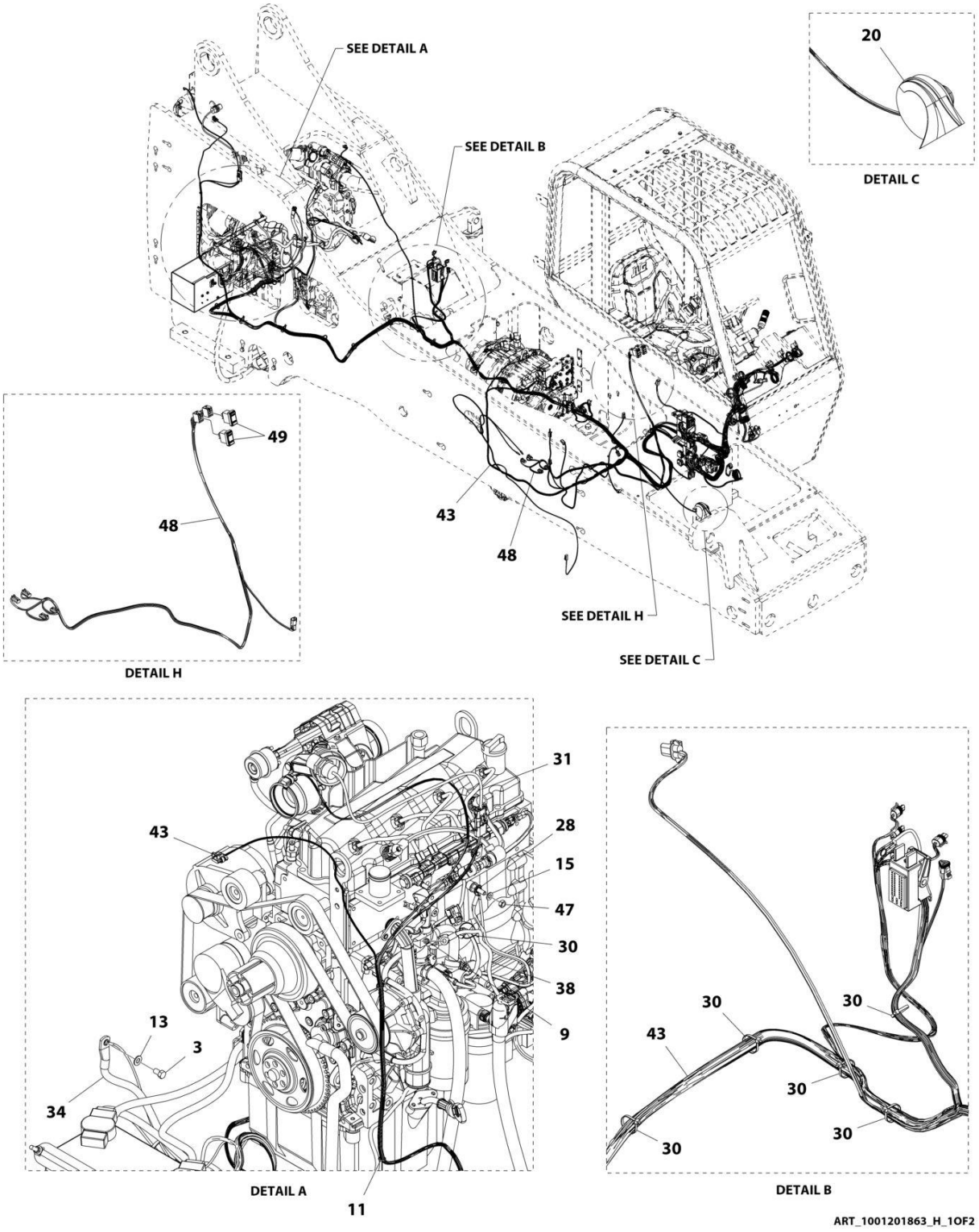

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ART_1001201864_G_2OF2

FIGURE 10-5. ELECTRICAL INSTALLATION (110HP) (ULS) (10042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201864	Ref	Electrical Installation, 110HP (if equipped for ULS)	G
1	0641404	3	Bolt, 1/4X1/2	
3	0641605	1	Bolt, 3/8X5/8	
6	0761212	2	Bolt, M12X25	
7	1062255	1	Strap, Tie	
8	3290601	1	Nut, M6X1	
9	4240017	2	Tie-Strap	
10	4711400	3	Washer, 1/4	
11	4711600	1	Washer, 3/8	
12	4811700	2	Washer, M6	
13	4811900	1	Washer, M8	
14	4812100	2	Washer, M12	
17	8270620	1	Horn, Signal	
19	8303545	2	Screw, M6X1X14	
20	8305002	3	Screw, M6X1X14	
21	8305624	2	Nut 1/4	
22	8307003	3	Washer, Lock M10	
23	8307027	4	Washer, Lock 5/16	
24	8307106	5	Washer, 5/16	
25	8307111	3	Washer, M10	
26	8310046	1	Washer, Lock M10	
27	8406105	1	Clip Tube	
28	8584001	13	Wrap, Tie	
29	1001130307	1	Sensor, Boom	
30	1001169620	1	Harness, Engine (See Separate Breakdown in this Section)	
31	1001170233	1	Installation, Relay Panel (See Separate Breakdown in this Section)	
32	1001170234	1	Assembly, Relay Panel Cover (See Separate Breakdown in this Section)	
33	1001170269	2	Switch, Outrigger	
34	1001171234	1	Cable, Battery Negative	
35	1001171236	1	Cable, Starter Ground	
36	1001171237	1	Cable, Grid Heater to Fuse Power	
37	1001171238	1	Cable, Alternator Power	
38	1001171239	1	Cable, Grid Heater Power	
39	1001171633	1	Cable, Buss Power	
40	1001171757	1	Cable, Starter Power	
41	1001172135	1	Indicator, Engine	
42	1001172136	1	Indicator, Hest	
43	1001177778	1	Harness, Outrigger (See Separate Breakdown in this Section)	
44	1001178285	1	Harness, Cab Power Distribution (See Separate Breakdown in this Section)	
45	1001181899	1	Clamp	
46	1001184835	1	Harness, TBAP (See Separate Breakdown in this Section)	
47	1001186841	1	Installation, Battery (See Separate Breakdown in this Section)	
50	3290801	1	Nut, M8X1.25	
51	1001250700	1	Switch, Pressure	

FIGURE 10-6. ELECTRICAL INSTALLATION (110HP) (LS) (10042)



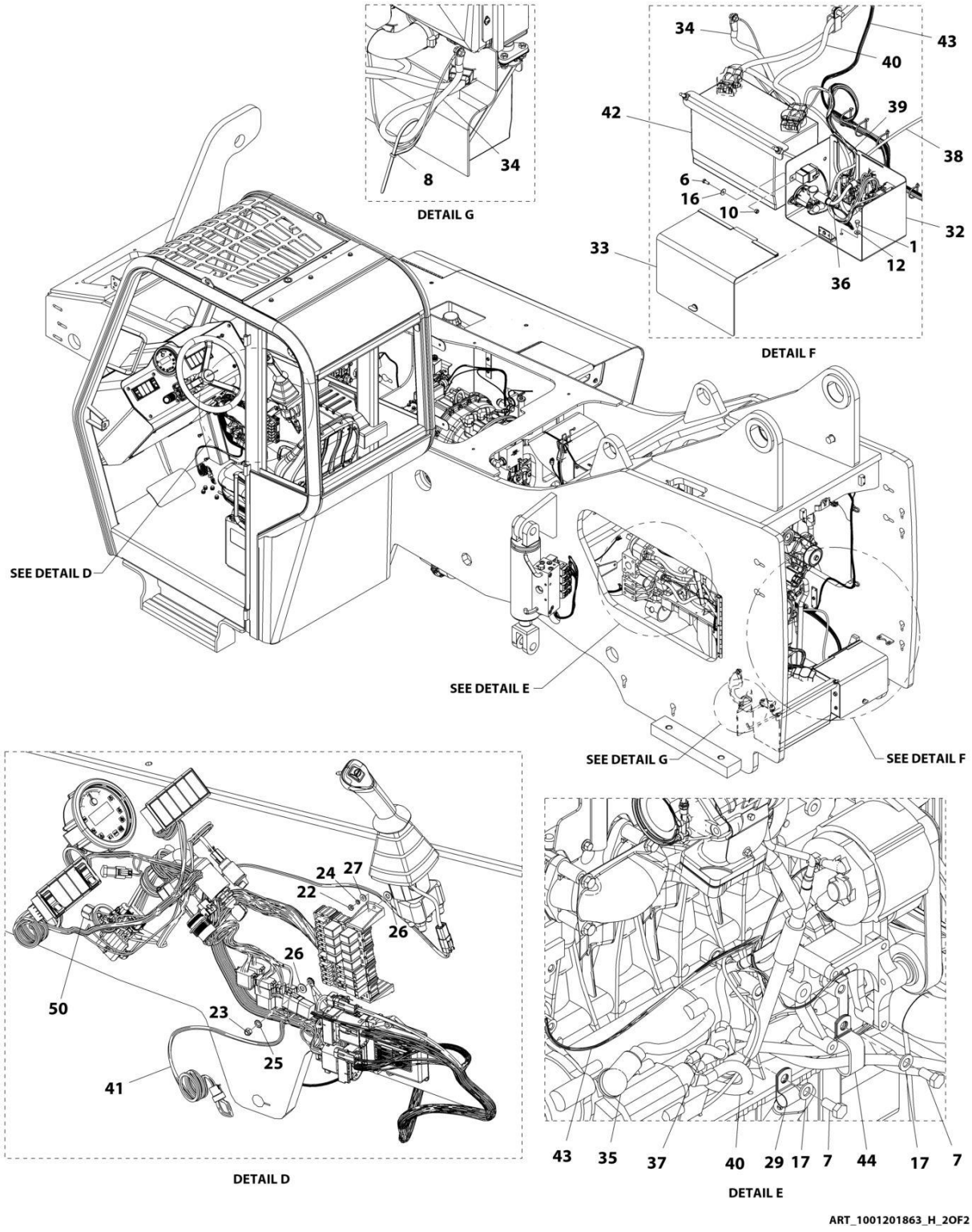
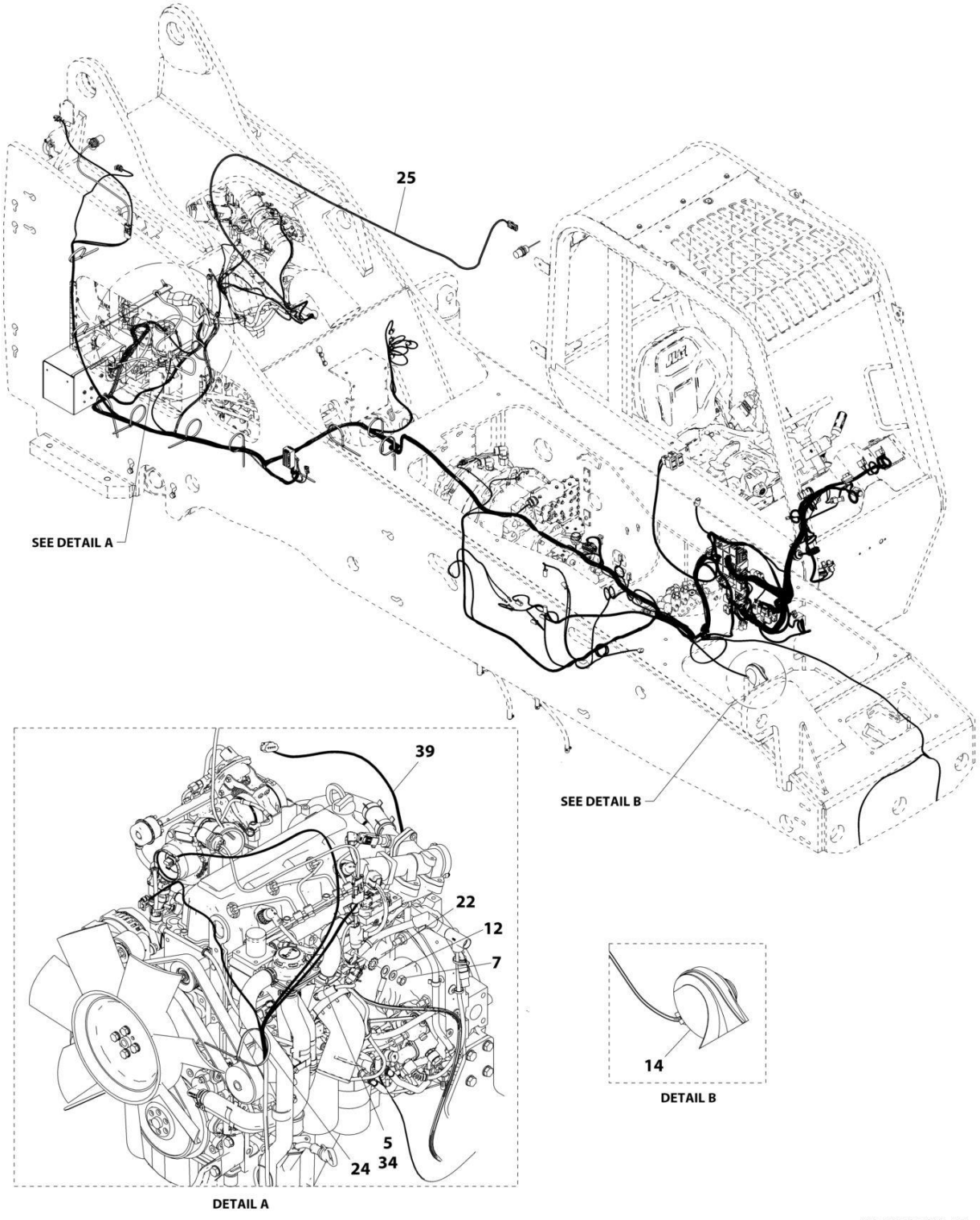

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ART_1001201863_H_2OF2

FIGURE 10-6. ELECTRICAL INSTALLATION (110HP) (LS) (10042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201863	Ref	Electrical Installation - 110HP (LS)	H
1	0641404	3	Bolt, 1/4X1/2	
3	0641605	1	Bolt, 3/8X5/8	
6	8303545	1	Bolt, M6X1X14	
7	0761212	2	Bolt, M12X25	
8	1062255	1	Strap, Tie	
9	3290601	1	Nut, M6	
10	3290605	1	Nut, Lock M6	
11	4240017	2	Tie-Strap	
12	4711400	3	Washer, 1/4	
13	4711600	1	Washer, 3/8	
15	4811900	1	Washer, M8	
16	4811702	1	Washer, M6	
17	4812100	2	Washer, M12	
20	8270620	1	Horn, Signal	
22	8305002	3	Nut, 10-24	
23	8305624	2	Nut, Lock 1/4-20	
24	8307003	3	Washer, Lock M10	
25	8307027	4	Washer, Lock 5/16	
26	8307106	5	Washer, 5/16	
27	8307111	3	Washer, M10	
28	8310046	1	Washer, Lock M10	
29	8406105	1	Clip Tube	
30	8584001	13	Wrap, Tie	
31	1001130307	1	Sensor, Boom	
32	1001170233	1	Installation, Relay Panel (See Separate Breakdown in this Section)	
33	1001170234	1	Assembly, Relay Panel Cover (See Separate Breakdown in this Section)	
34	1001171234	1	Cable, Battery Negative	
35	1001171236	1	Cable, Starter Ground	
36	1001171237	1	Cable, Grid Heater to Fuse Power	
37	1001171238	1	Cable, Alternator Power	
38	1001171239	1	Cable, Grid Heater Power	
39	1001171633	1	Cable, Buss Power	
40	1001171757	1	Cable, Starter Power	
41	1001178285	1	Harness, Cab Power Distribution (See Separate Breakdown in this Section)	
42	1001186841	1	Installation, Battery (See Separate Breakdown in this Section)	
43	1001189488	1	Engine Harness (See Separate Breakdown in this Section)	
44	1001181899	1	Clamp	
47	3290801	1	Nut, M8X1.25	
48	1001177778	1	Outrigger Harness (See Separate Breakdown in this Section)	
49	1001170269	1	Switch, Outrigger	
50	1001250700	1	Switch, Pressure	

FIGURE 10-7. ELECTRICAL INSTALLATION (74HP) (ULS) (10054)



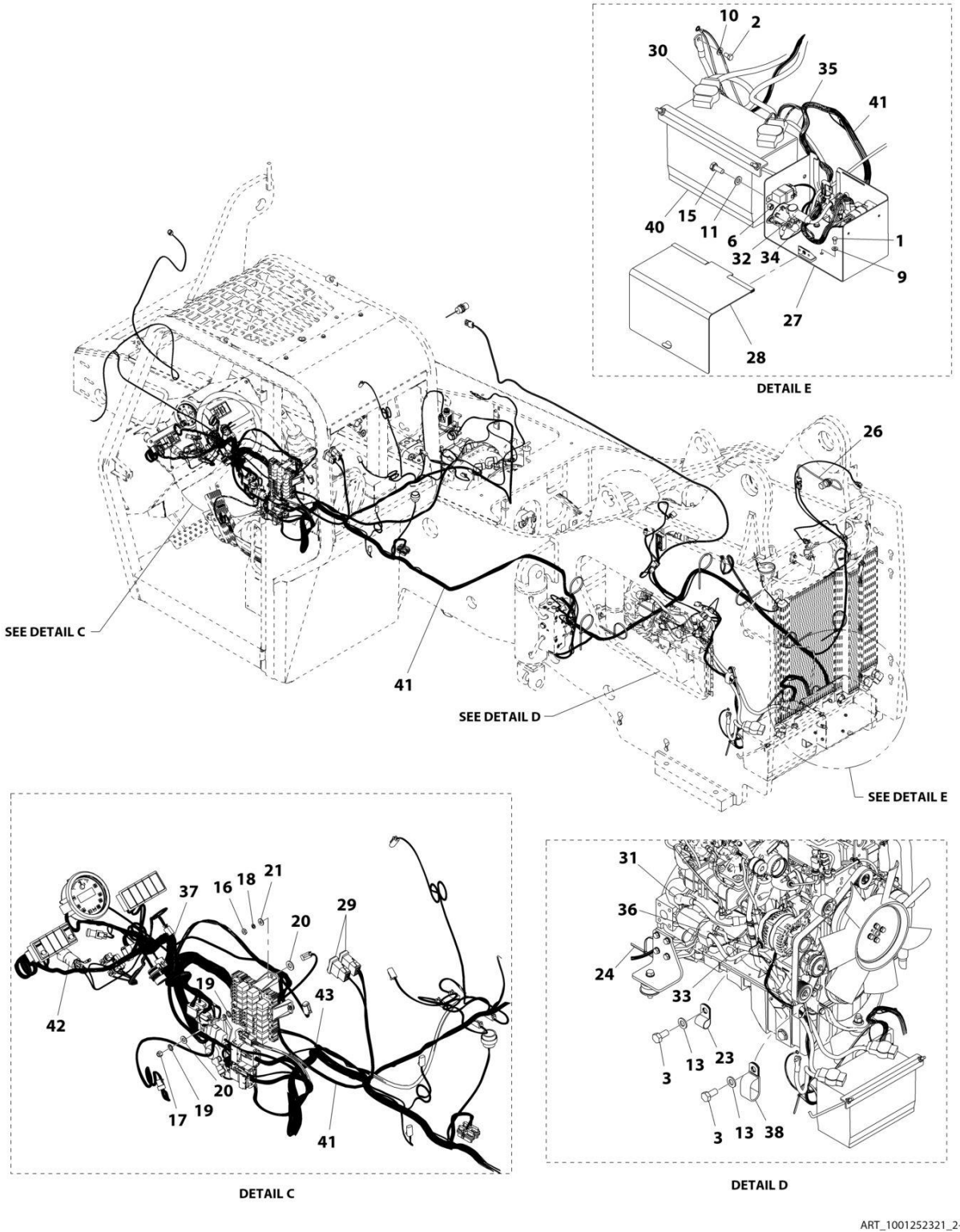
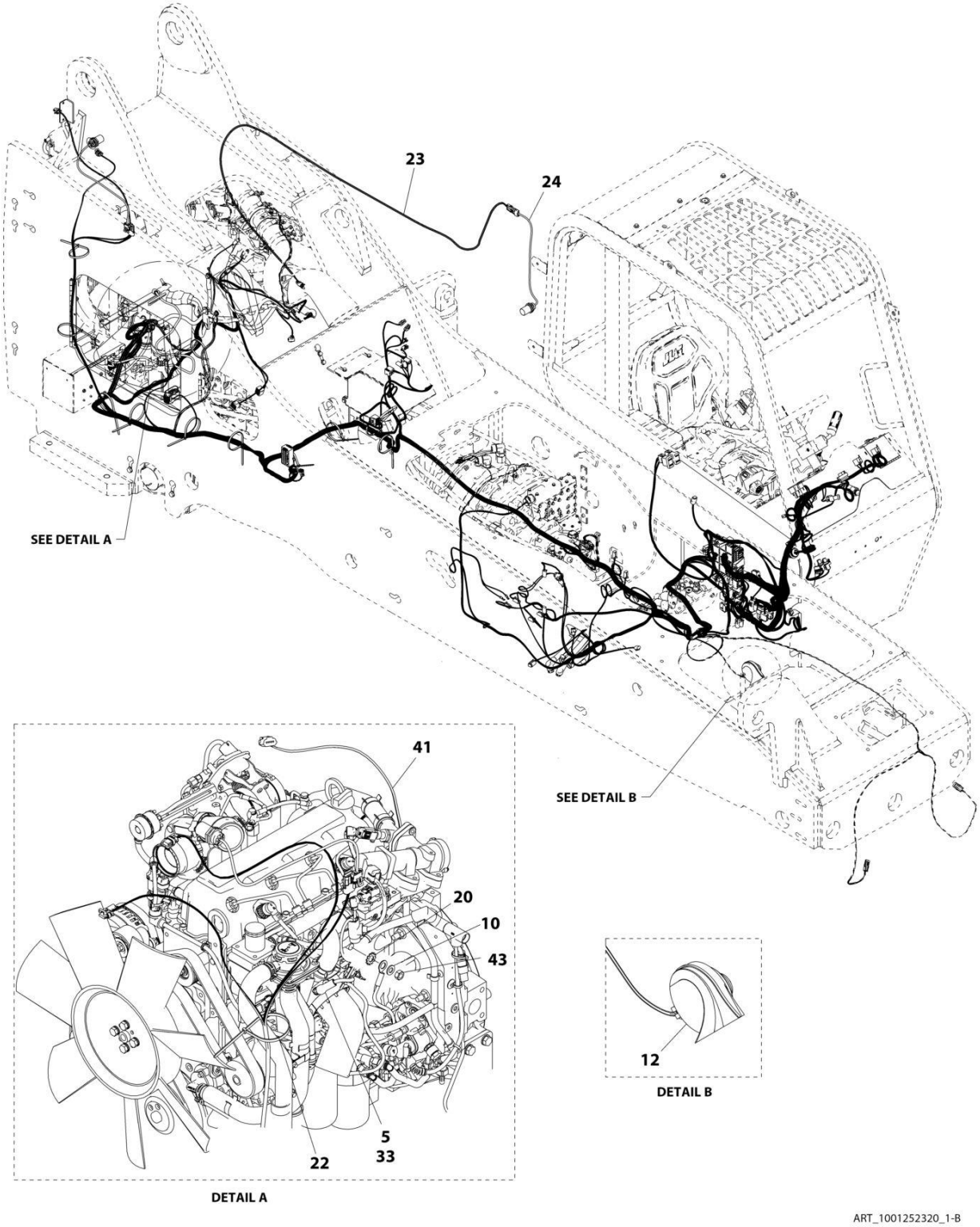

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FIGURE 10-7. ELECTRICAL INSTALLATION (74HP) (ULS) (10054)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001252321	Ref	Electrical Installation (74HP) (ULS)	B
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	1001178285	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 10-8. ELECTRICAL INSTALLATION (110HP) (ULS) (10054)



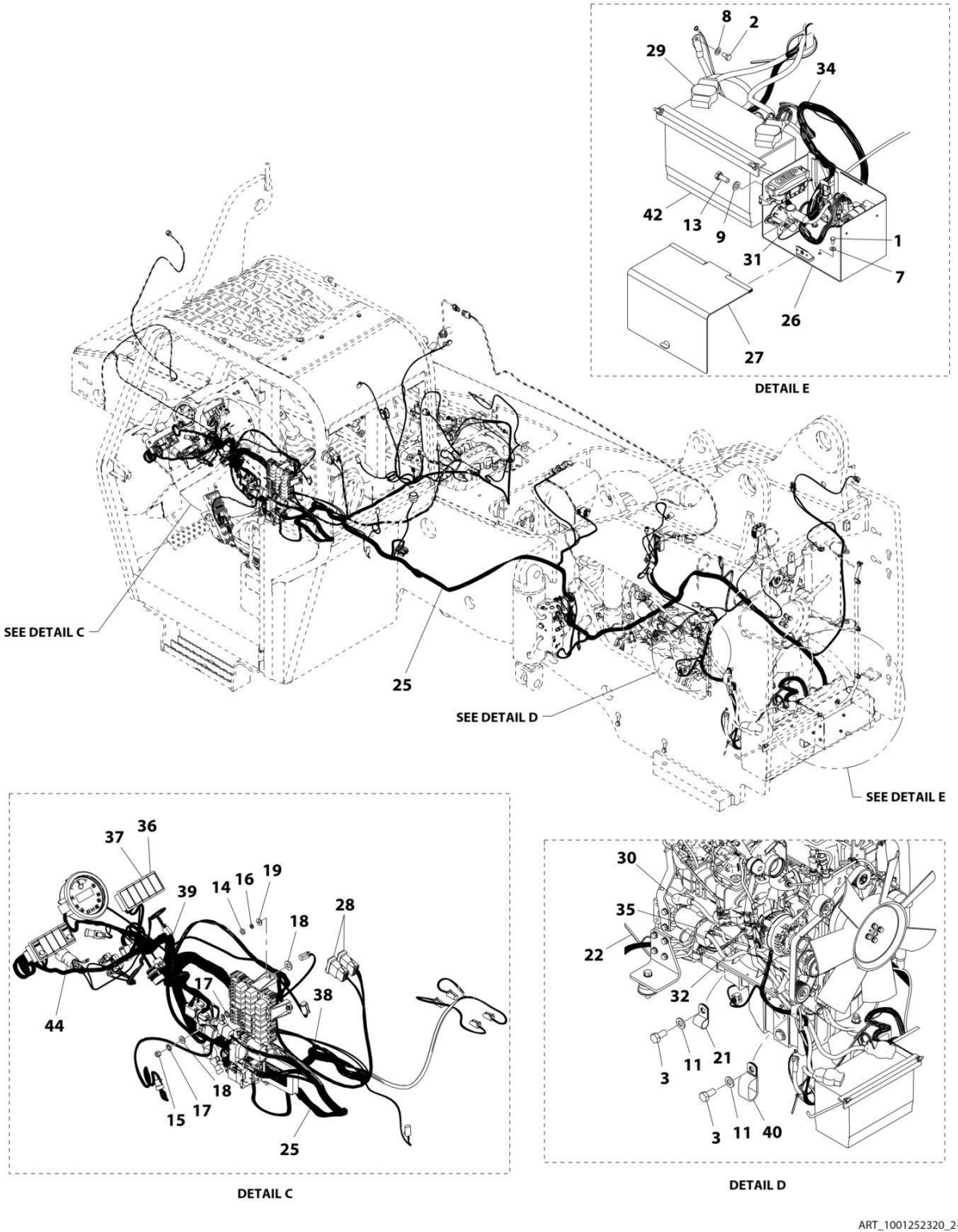
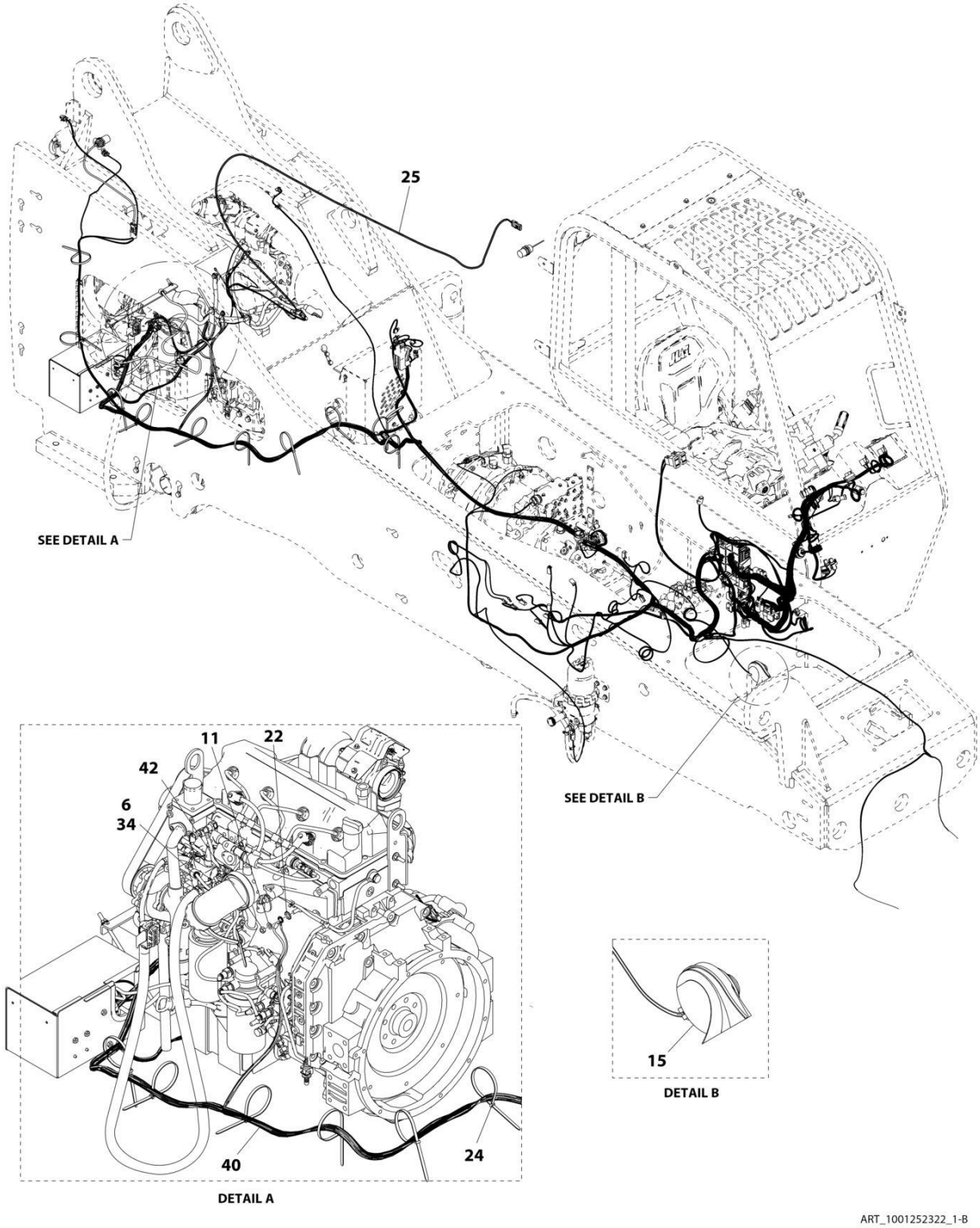

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DETAIL D
ART_1001252320_2-B

FIGURE 10-8. ELECTRICAL INSTALLATION (110HP) (ULS) (10054)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001252320	Ref	Electrical Installation (ULS)	B
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	1001178285	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 10-9. ELECTRICAL INSTALLATION (110HP) (LS) (10054)



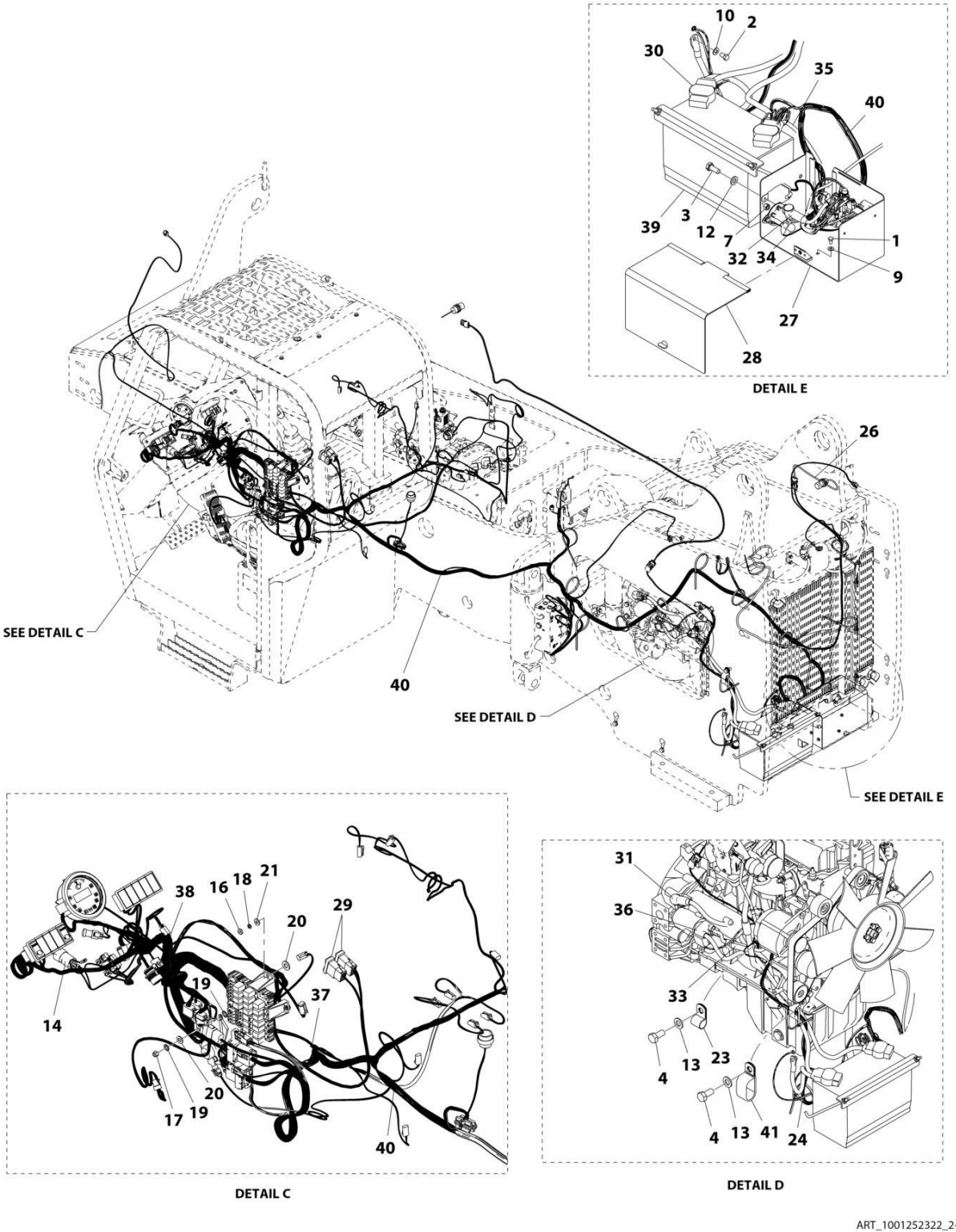

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DETAIL D
ART_1001252322_2-B

FIGURE 10-9. ELECTRICAL INSTALLATION (110HP) (LS) (10054)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001252322	Ref	Electrical Installation (LS)	B
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	1001178285	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 10-10. AIR SHUT-OFF VALVE HARNESS - CAB

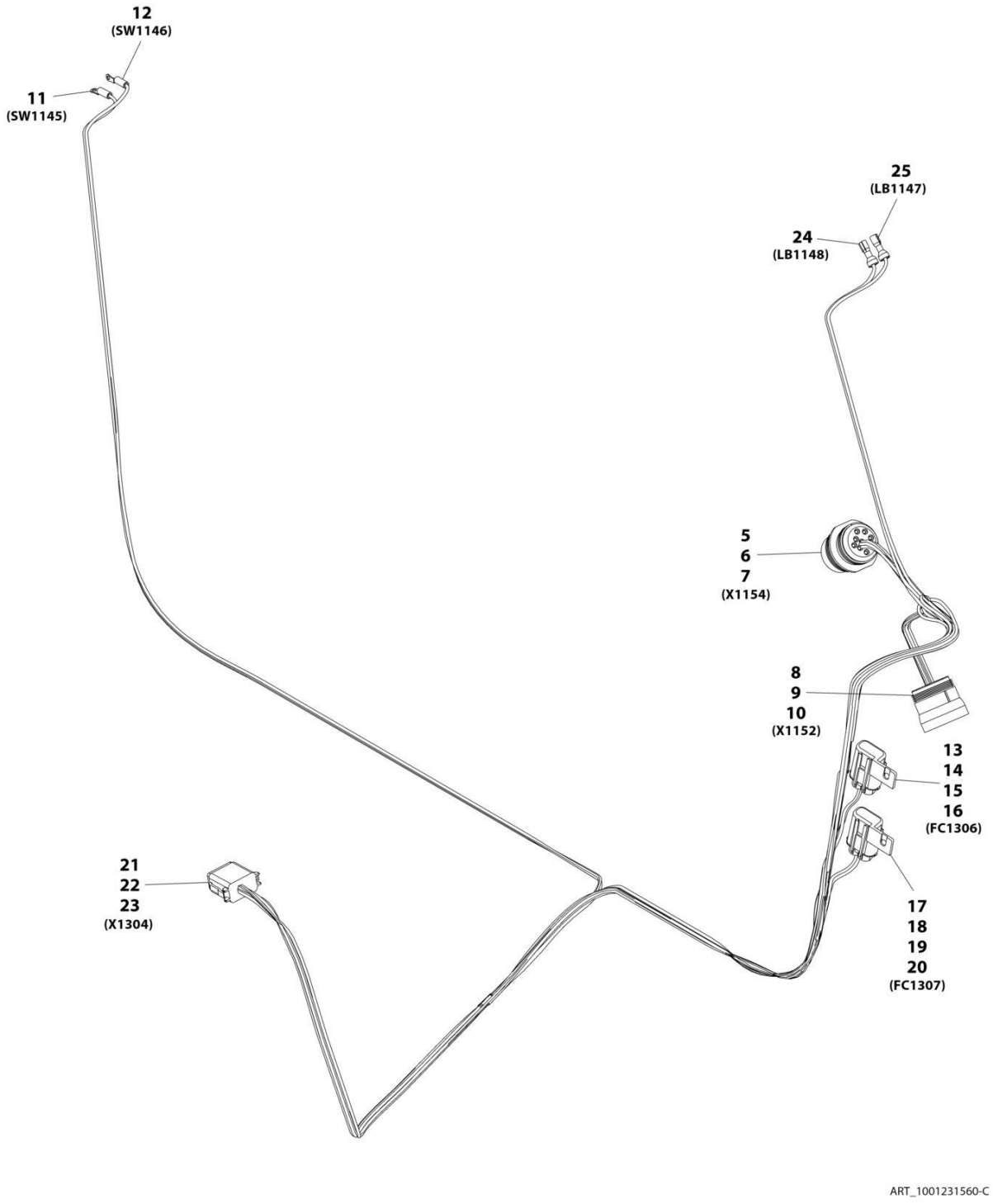


FIGURE 10-10. AIR SHUT-OFF VALVE HARNESS - CAB

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 10-11. AIR SHUT-OFF VALVE HARNESS - ENGINE

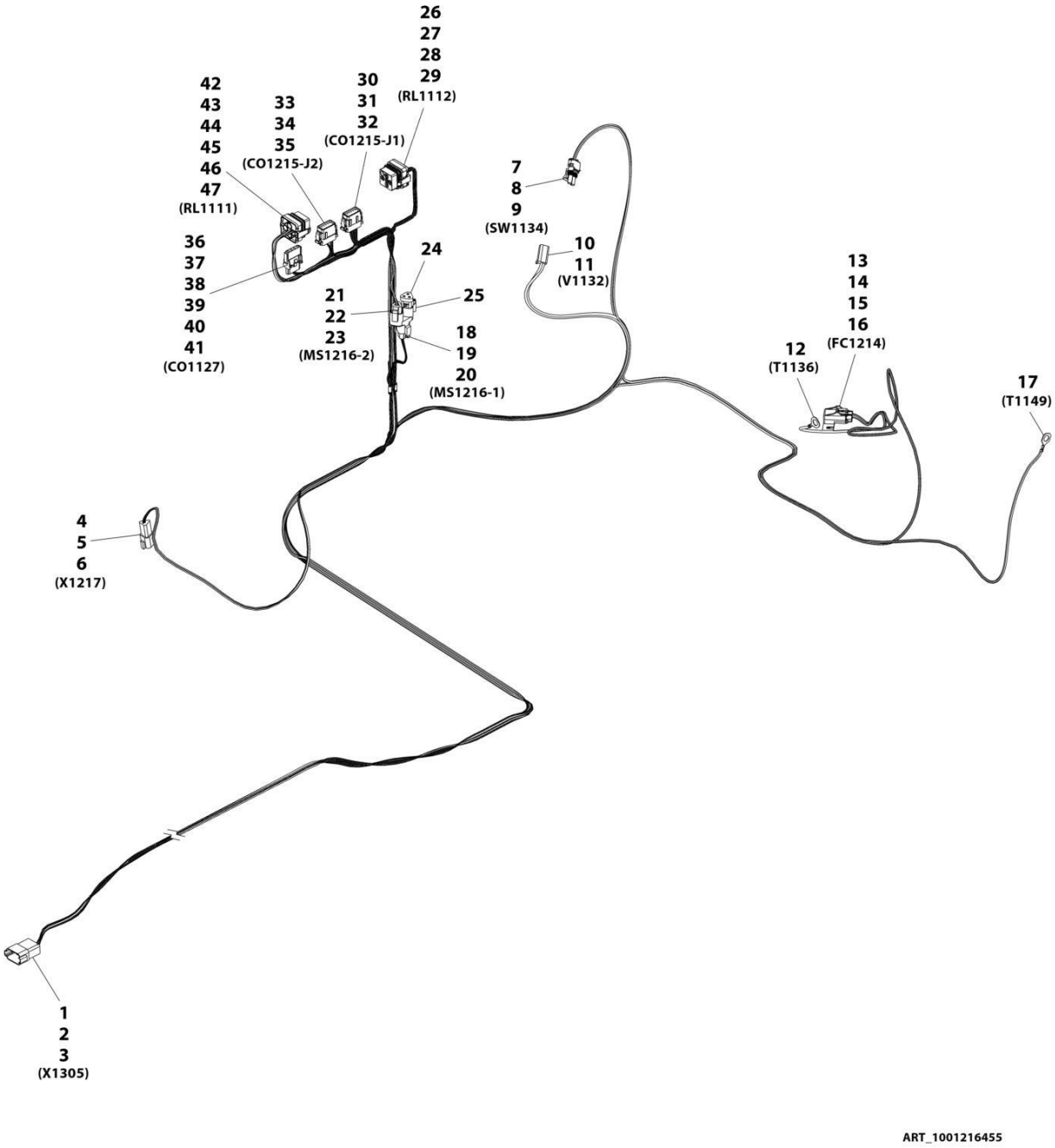


FIGURE 10-11. AIR SHUT-OFF VALVE HARNESS - ENGINE

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 10-12. BACKUP ALARM INSTALLATION

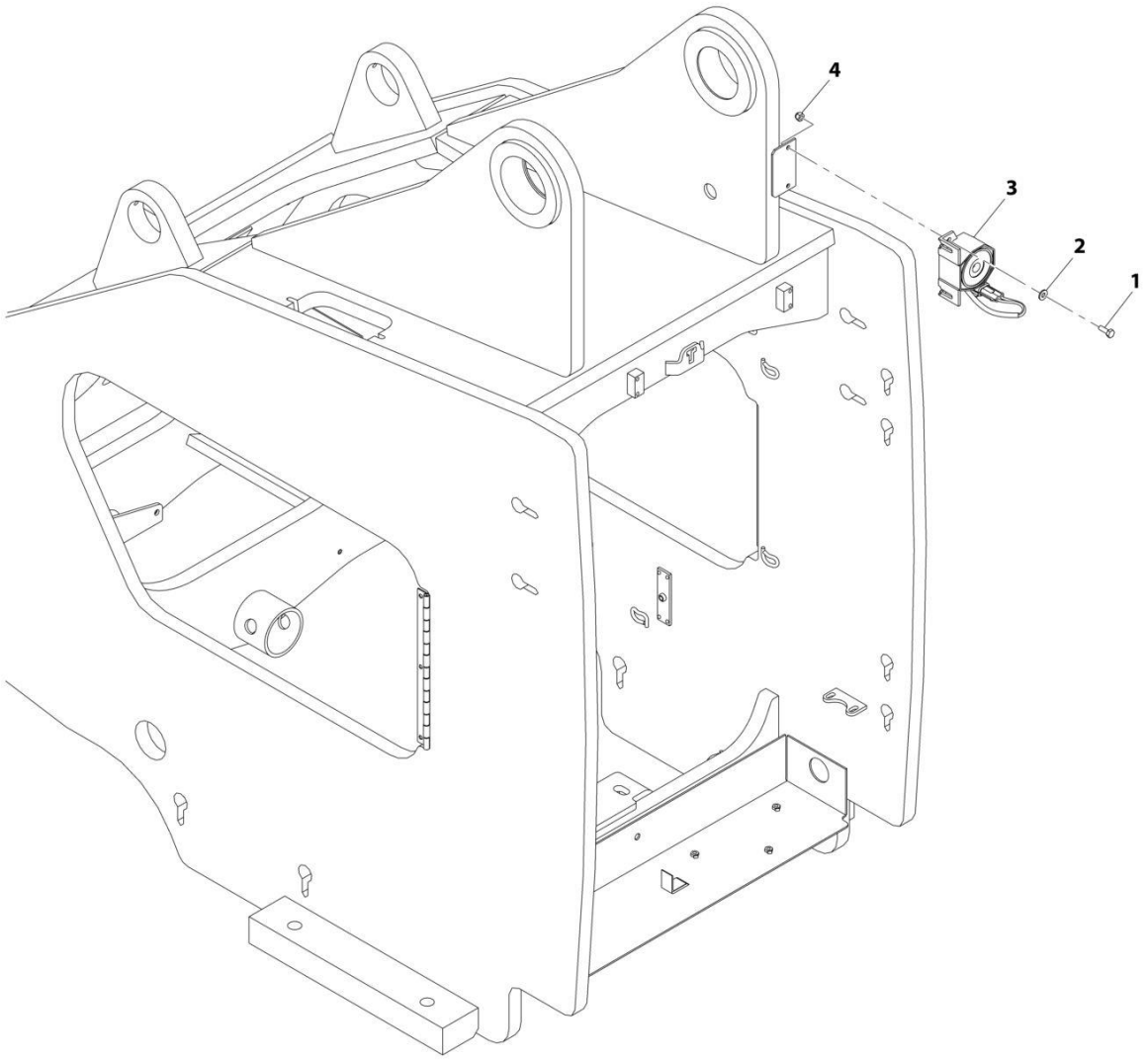
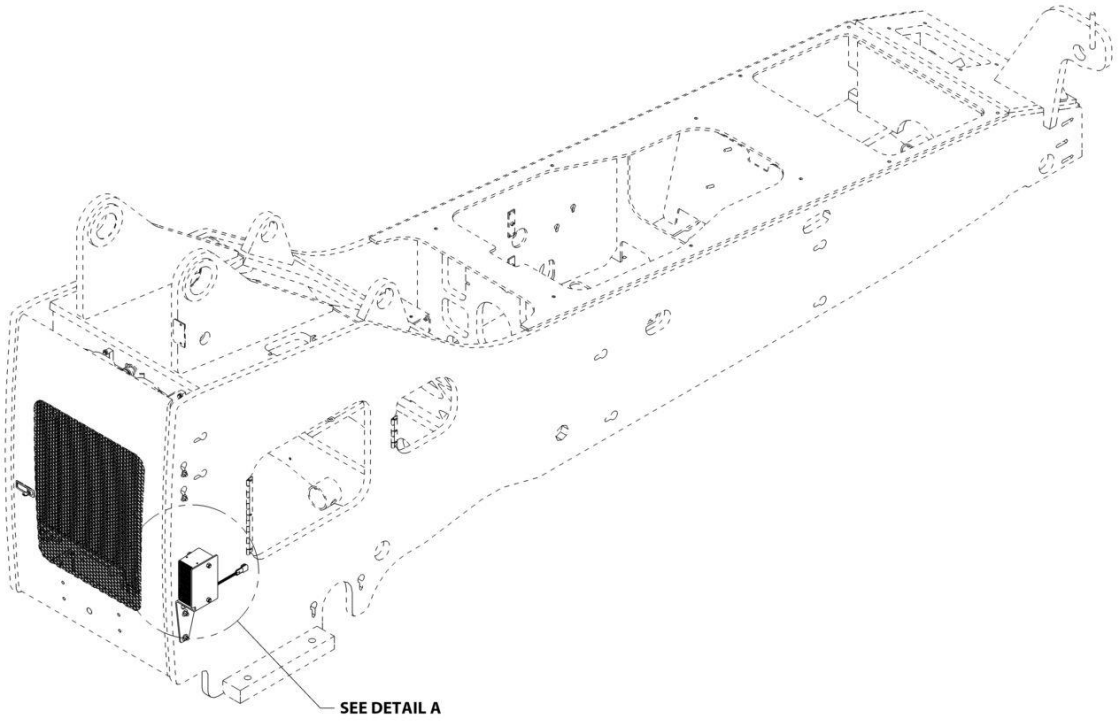
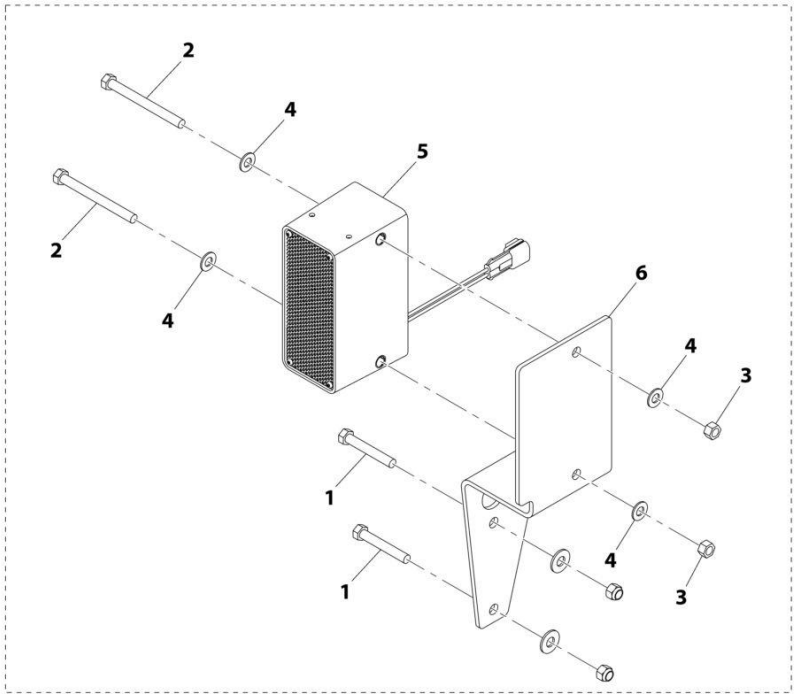


FIGURE 10-12. BACKUP ALARM INSTALLATION

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 10-13. BACKUP ALARM INSTALLATION (WHITE NOISE)





DETAIL A

ART_1001206543-A

FIGURE 10-13. 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 10-14. BACKUP CAMERA INSTALLATION

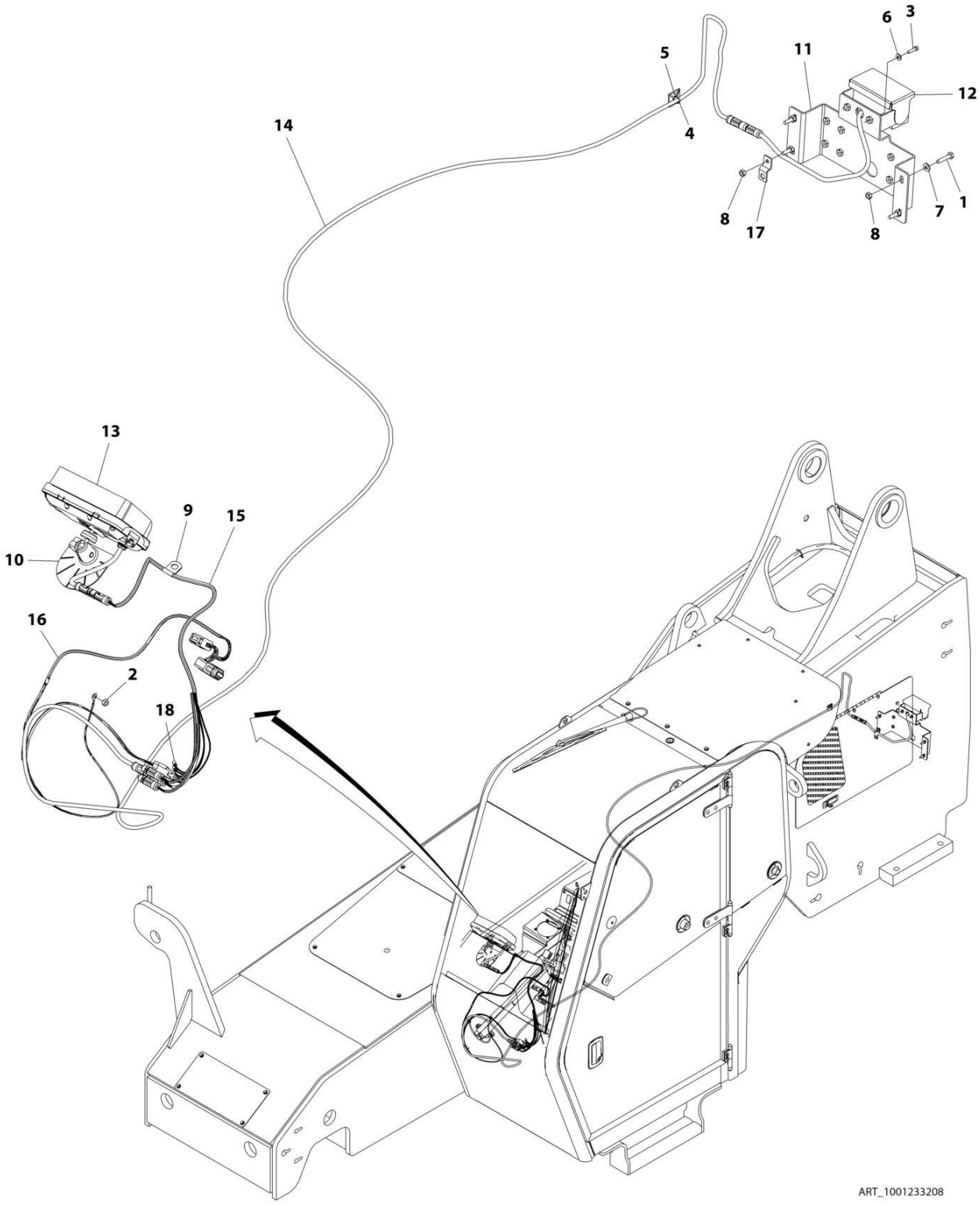


FIGURE 10-14. BACKUP CAMERA INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233208	Ref	SKYTRACK BACKUP CAMERA INSTALLATION	B
1	0641410	4	Bolt 1/4x1	
2	3311401	1	Nut 1/4	
3	3931012	2	Capscrew #10X3/4	
4	4240032	1	Tie-Strap	
5	4460234	1	Mount, Tie-Strap	
6	4711000	2	Washer M10	
7	4711400	4	Washer 1/4	
8	8305004	5	Nut 1/4	
9	8406010	1	Clip	
10	1001233217	1	Bracket, Monitor Mount	
11	1001233828	1	Bracket, Camera Mount	
12	1001233174	1	Camera, Rear View	
13	1001233202	1	Assembly, Monitor	
14	1001233434	1	Harness, Extension Cable Camera	
15	1001233435	1	Harness, Backup Camera	
16	1001233976	1	Harness, Rear Camera Option (See Separate Breakdown in this Section)	
17	1001204692	1	Bracket	
18	4460121	2	Cap	

FIGURE 10-15. BACKUP CAMERA HARNESS

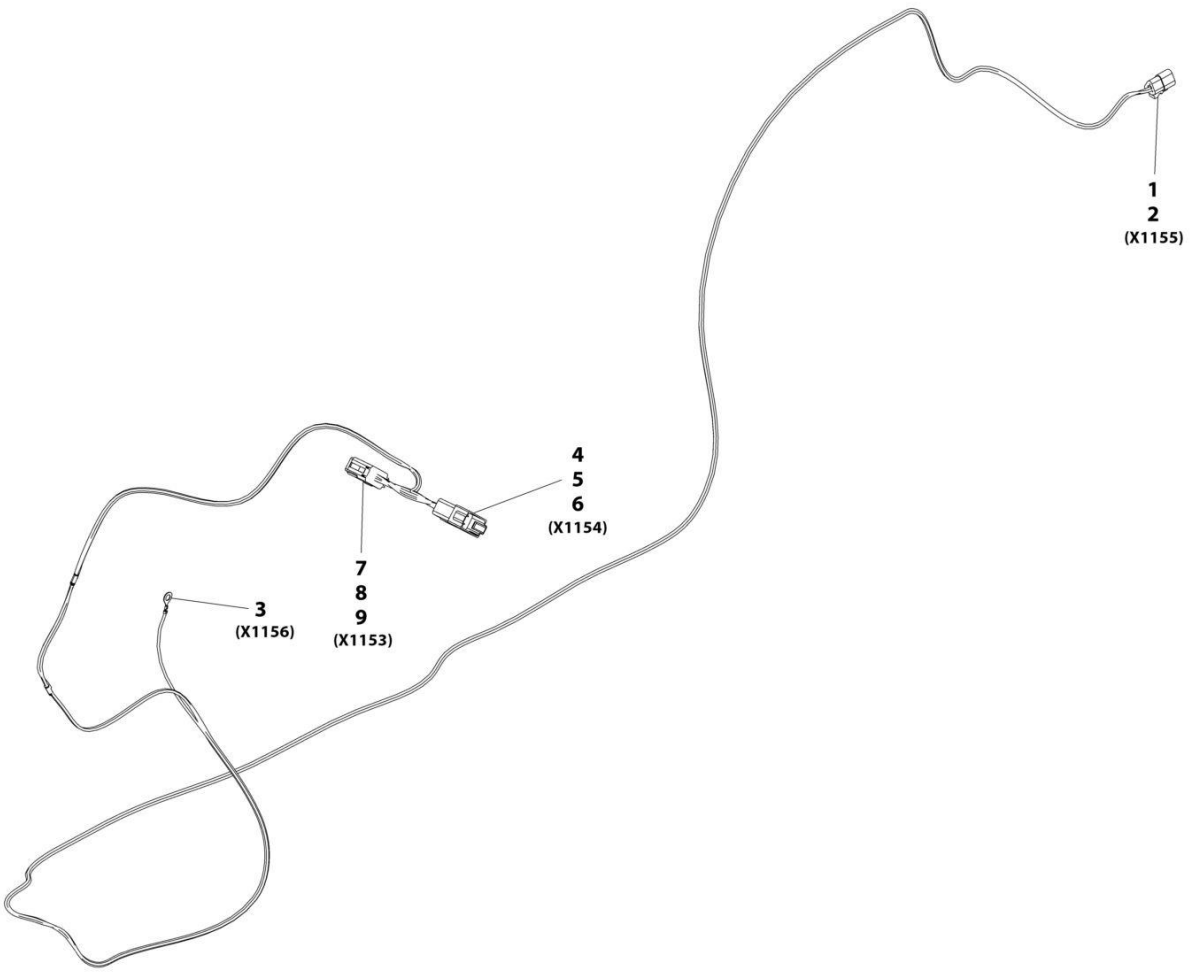


FIGURE 10-15. BACKUP CAMERA HARNESS

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 10-16. BATTERY INSTALLATION

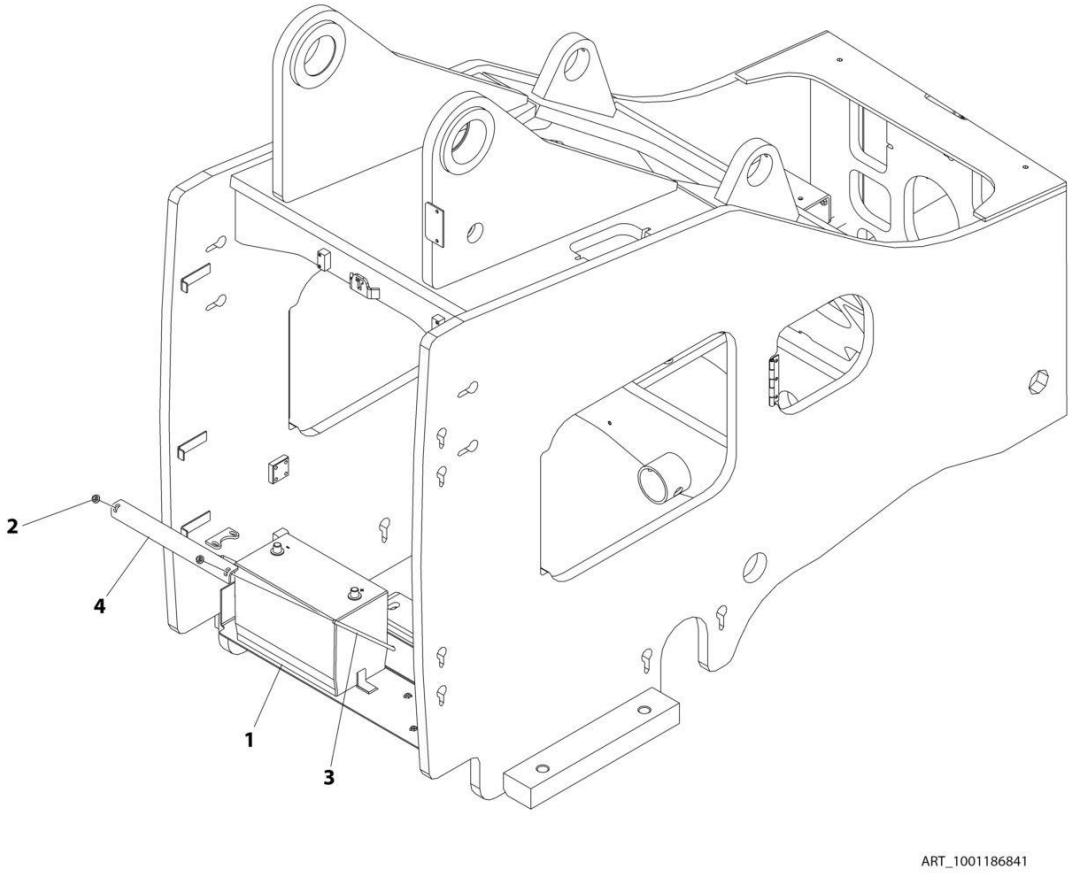


FIGURE 10-16. BATTERY INSTALLATION

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 10-17. BATTERY BLANKET INSTALLATION

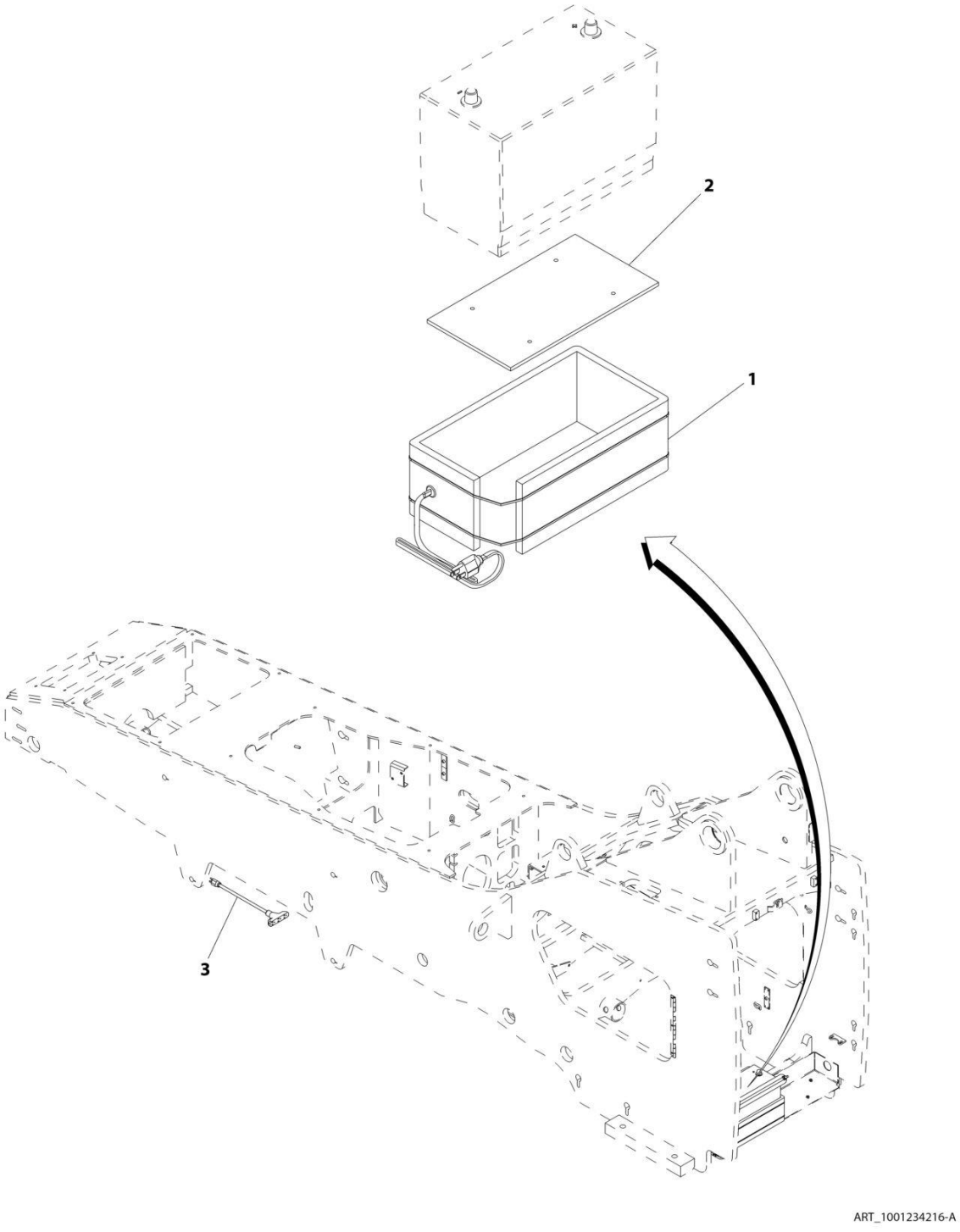
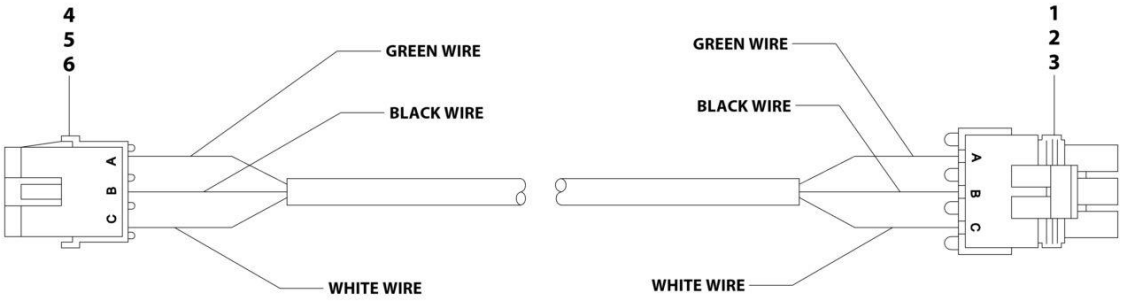


FIGURE 10-17. BATTERY BLANKET INSTALLATION

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 10-18. BOOM EXTEND HARNESS (10054)



ART_1001127226-C

FIGURE 10-18. 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 10-19. BREATHER HEATER INSTALLATION

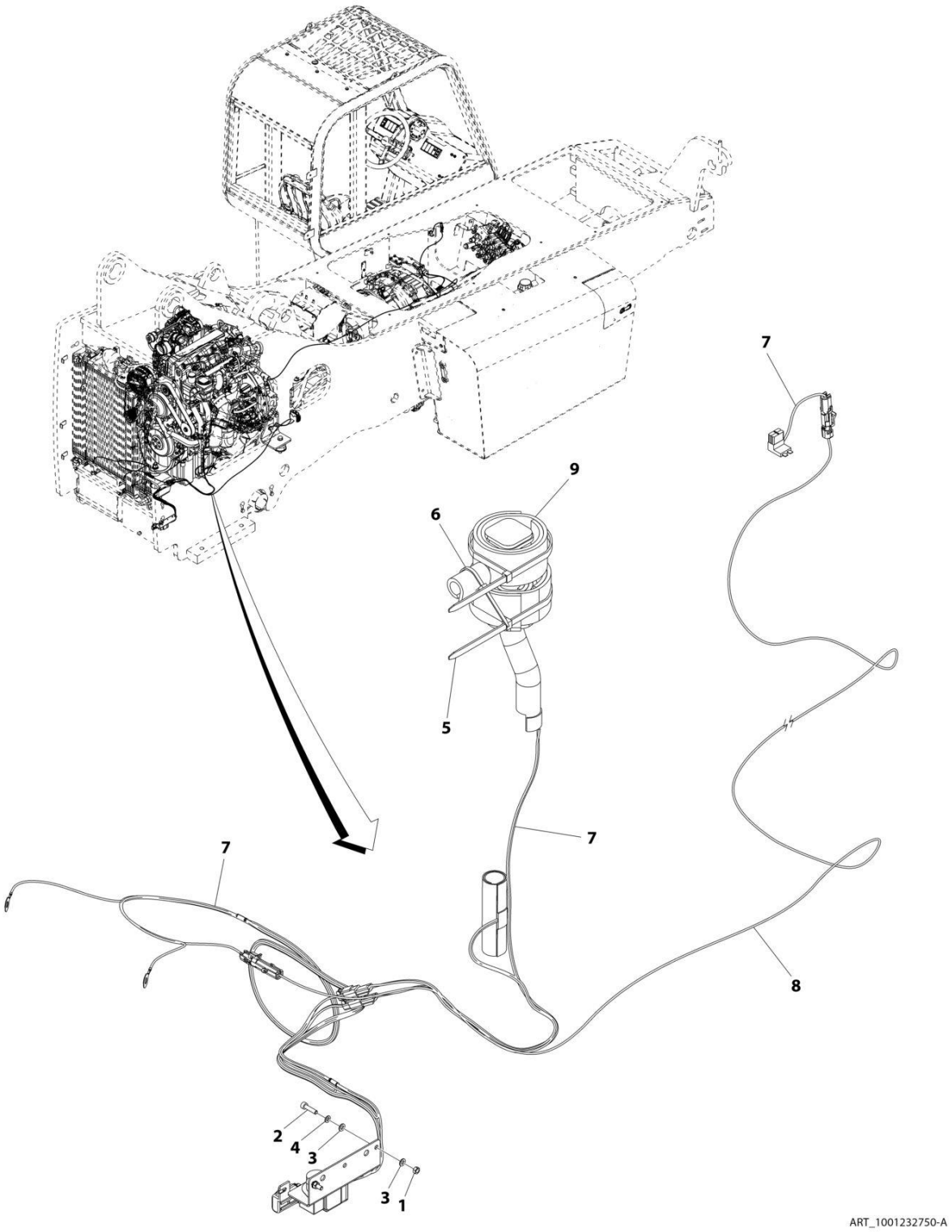
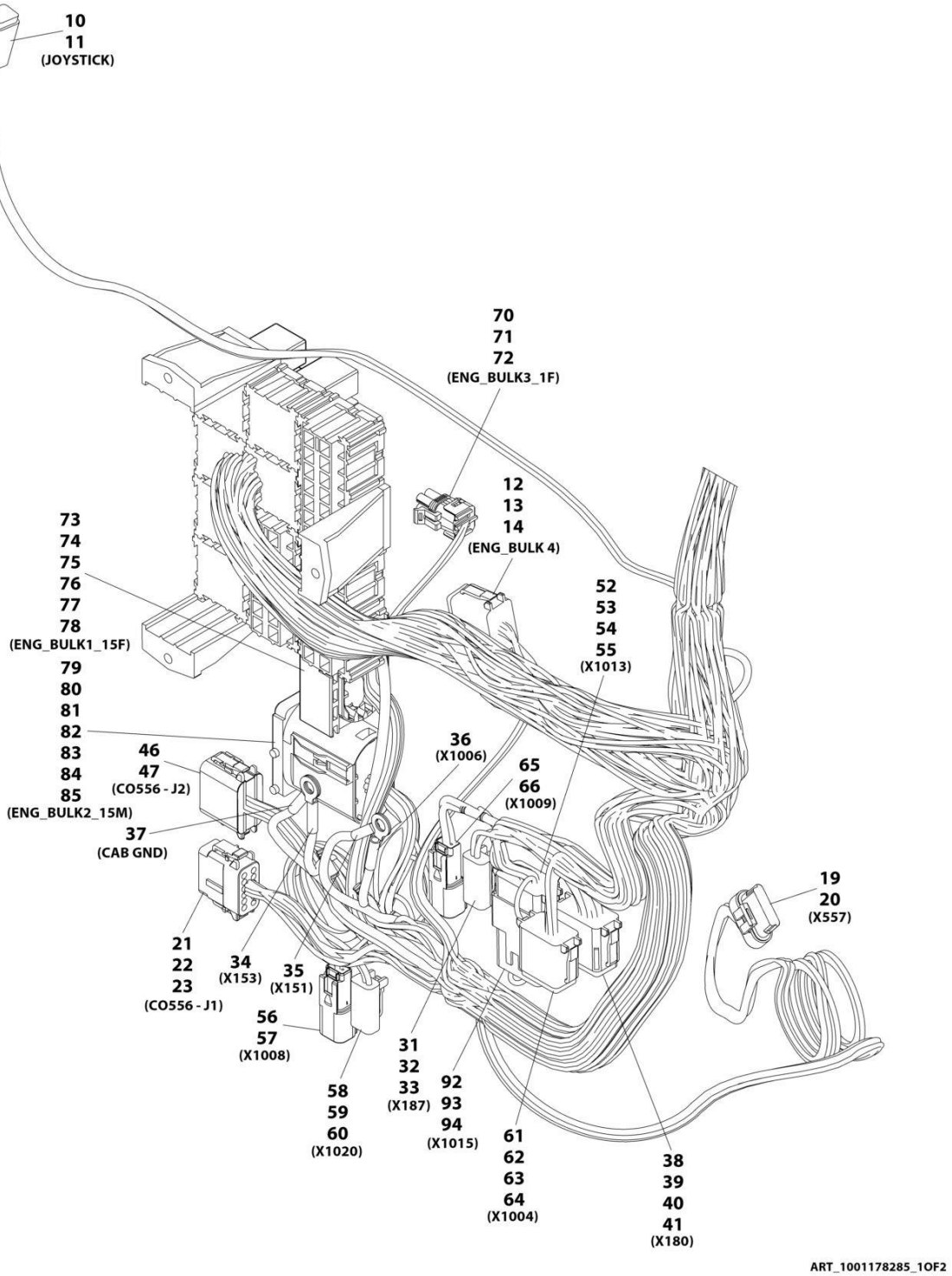


FIGURE 10-19. BREATHER HEATER INSTALLATION

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 10-20. CAB DISTRIBUTION HARNESS



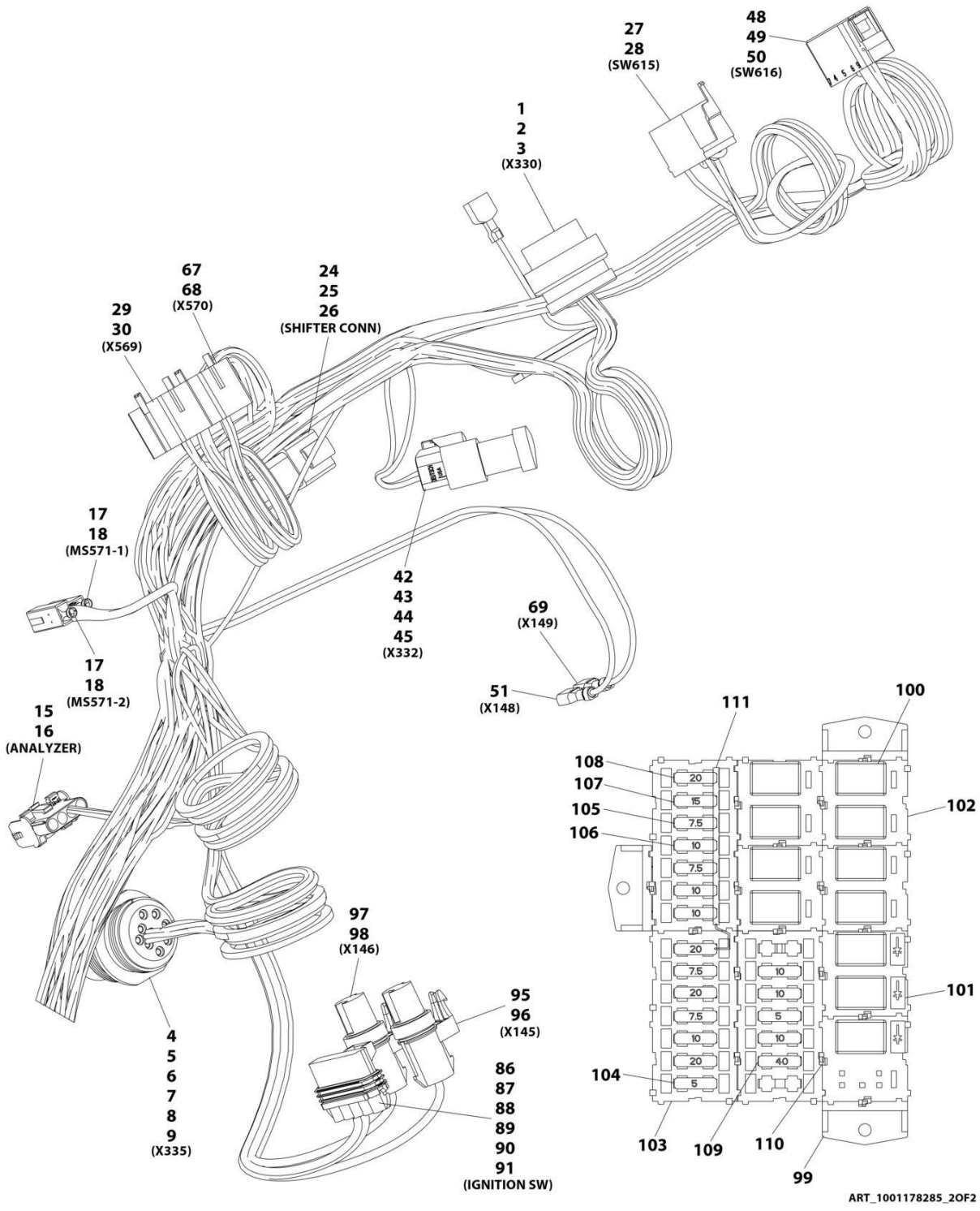

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FIGURE 10-20. CAB DISTRIBUTION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178285	Ref	Cab Power Distribution Harness	O
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	6	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	1001116748	6	Terminal	
21	1001116808	1	Connector	
22	1001126008	10	Terminal, Socket	
23	4460518	2	Terminal, Plug	
24	4460970	1	Connector	
25	4460464	9	Terminal	
26	4460466	3	Plug	
27	8220904	1	Connector	
28	4460419	6	Terminal	
29	1001117119	1	Connector	
30	1001159186	4	Terminal	
31	4460891	1	Connector	
32	1001157890	1	Terminal	
33	4460942	1	Terminal	
34	1001117106	1	Terminal, Ring	
35	1001117106	1	Terminal, Ring	
36	1001117106	1	Terminal, Ring	
37	1001117106	1	Terminal, Ring	
38	4460836	1	Connector	
39	4460509	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	8	Terminal	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	1001195760	2	Terminal	
51	8220051	1	Terminal	
52	4460933	1	Connector	
53	1001003174	3	Terminal, Socket	
54	4460465	7	Terminal	
55	4460466	2	Terminal	
56	4460897	1	Connector	
57	4460464	2	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	4	Terminal, Socket	
72	8220089	4	Seal	
73	8220927	1	Connector	
74	1001116726	10	Terminal	
75	8220097	4	Terminal	
76	8220098	1	Terminal	
77	4460458	14	Seal	
78	4460789	1	Seal	
79	8220929	1	Connector	
80	1001116745	3	Terminal	
81	8220162	3	Terminal	
82	1001116729	8	Terminal	
83	1001116727	1	Plug	
84	4460458	11	Seal	
85	80963067	3	Seal	
86	1001121726	1	Connector	
87	8220125	2	Terminal	
88	8220089	2	Seal	
89	1001116726	1	Terminal	
90	4460458	1	Seal	
91	1001116727	2	Plug	
92	4460970	1	Connector	
93	4460466	6	Terminal	
94	4460464	6	Terminal	
95	1001121728	1	Connector, Packard Female, 1POS	
96	1001121730	1	Terminal	
97	1001121728	1	Connector, Packard Female, 1POS	
98	1001121730	1	Terminal	
99	1001200845	3	Leg, Mounting	
100	1001205172	11	Relay, Micro 280, 12V, 35 Amp	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	1001129285	3	Fuse, Mini Diode	
102	1001177198	6	Module, 2 Fuse	
103	1001187952	3	Assembly, Electrical	
104	8229261	2	Fuse, Type 5 A	
105	8229233	4	Fuse, Type 7.5 A	
106	8229234	7	Fuse, Type 10 A	
107	8229237	1	Fuse, Type 15 A	
108	8229235	4	Fuse, Type 20 A	
109	8229238	1	Fuse, Type 40 A	
110	4461103	17	Relay, Locking Wedge	
111	1001210779	1	Terminal	
112	1001116710	43	Terminal	
113	1001116712	12	Terminal	
114	1001210779	1	Terminal	
115	1001192050	10	Terminal	
116	1001210776	4	Terminal	
117	1001192049	11	Terminal	
118	1001210778	2	Terminal	
119	1001210777	8	Terminal	

FIGURE 10-21. CLEARSKY INSTALLATION - CANBUS (NORTH AMERICA)

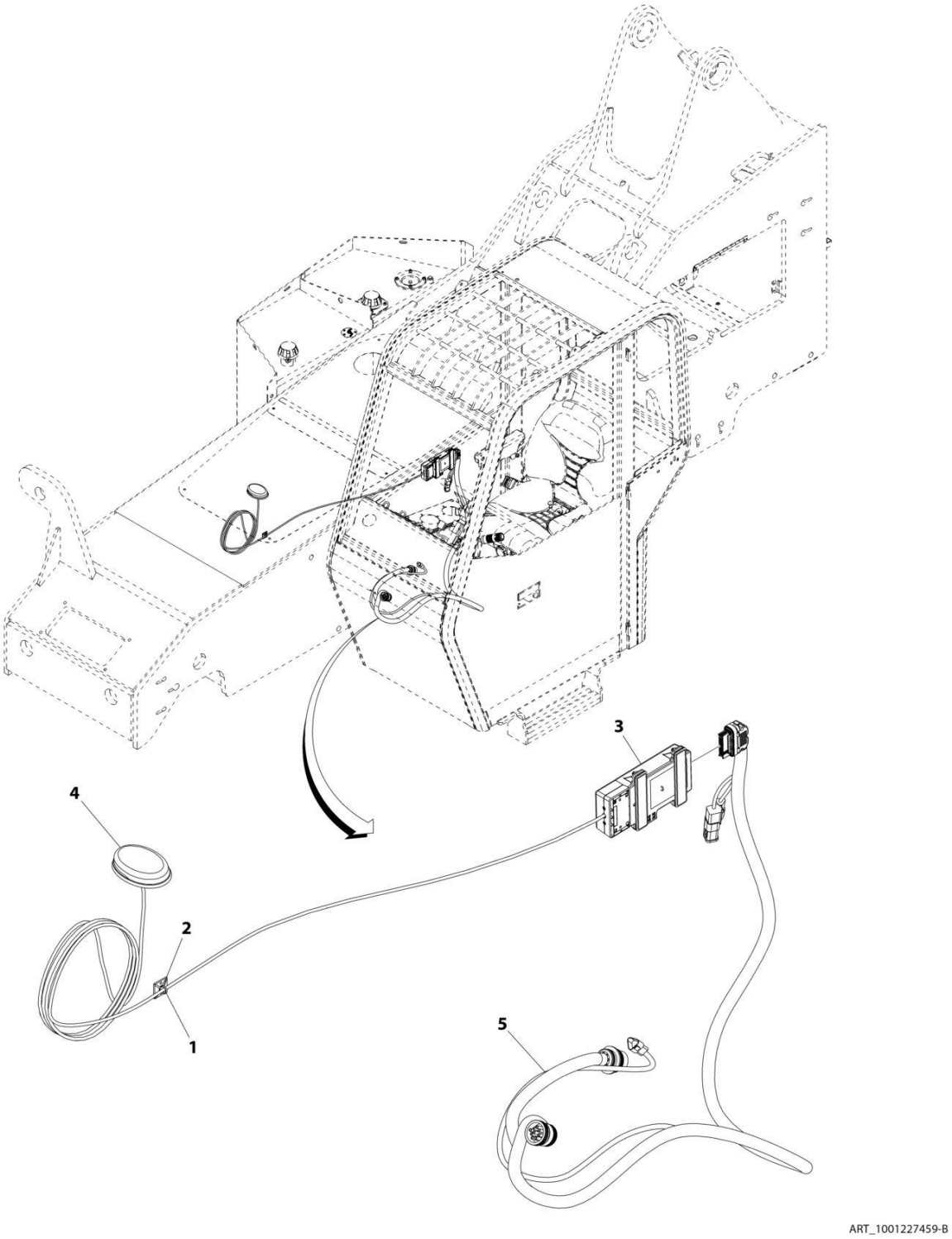


FIGURE 10-21. CLEARSKY INSTALLATION - CANBUS (NORTH AMERICA)

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

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

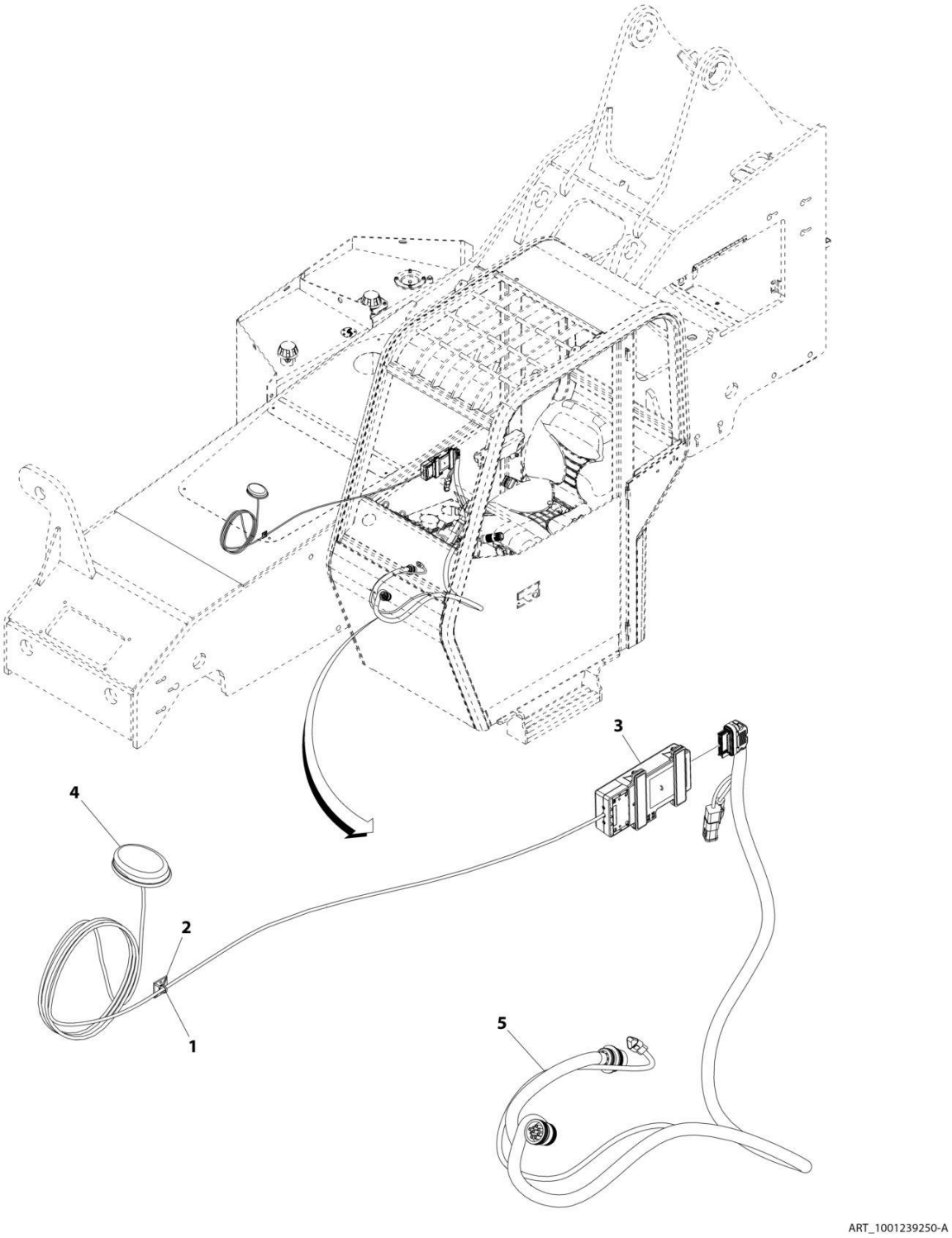


FIGURE 10-22. CLEARSKY INSTALLATION - CANBUS (CE)

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 HARNESS - CANBUS

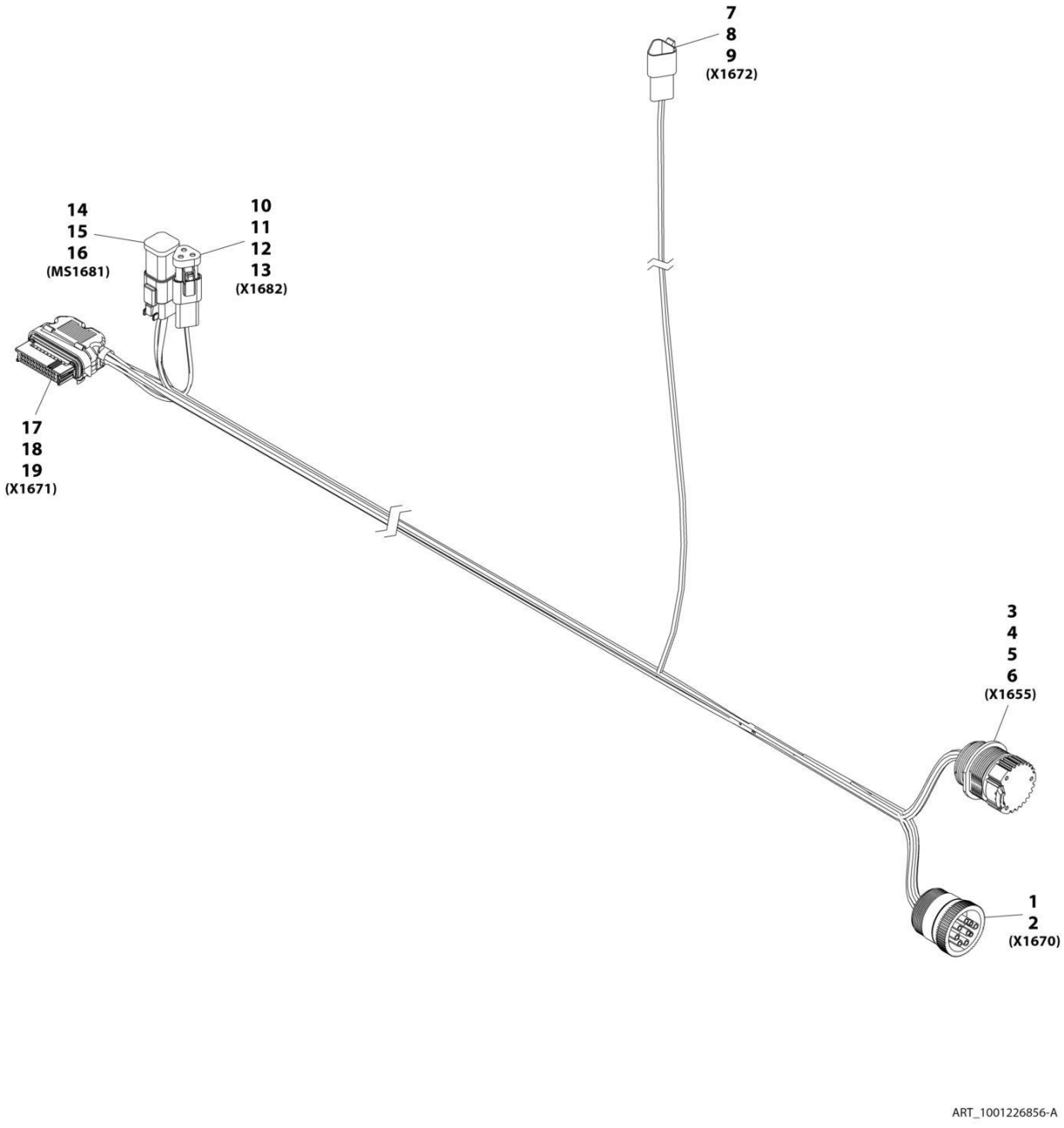


FIGURE 10-23. CLEARSKY HARNESS - CANBUS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226856	Ref	Clearsky Telematics Harness	A
1	1001112796	1	Connector	
2	4460465	9	Terminal	
3	1001112612	1	Connector	
4	1001149712	1	Cap	
5	1001116693	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 10-24. CLEARSKY INSTALLATION - 3-WIRE (NORTH AMERICA)

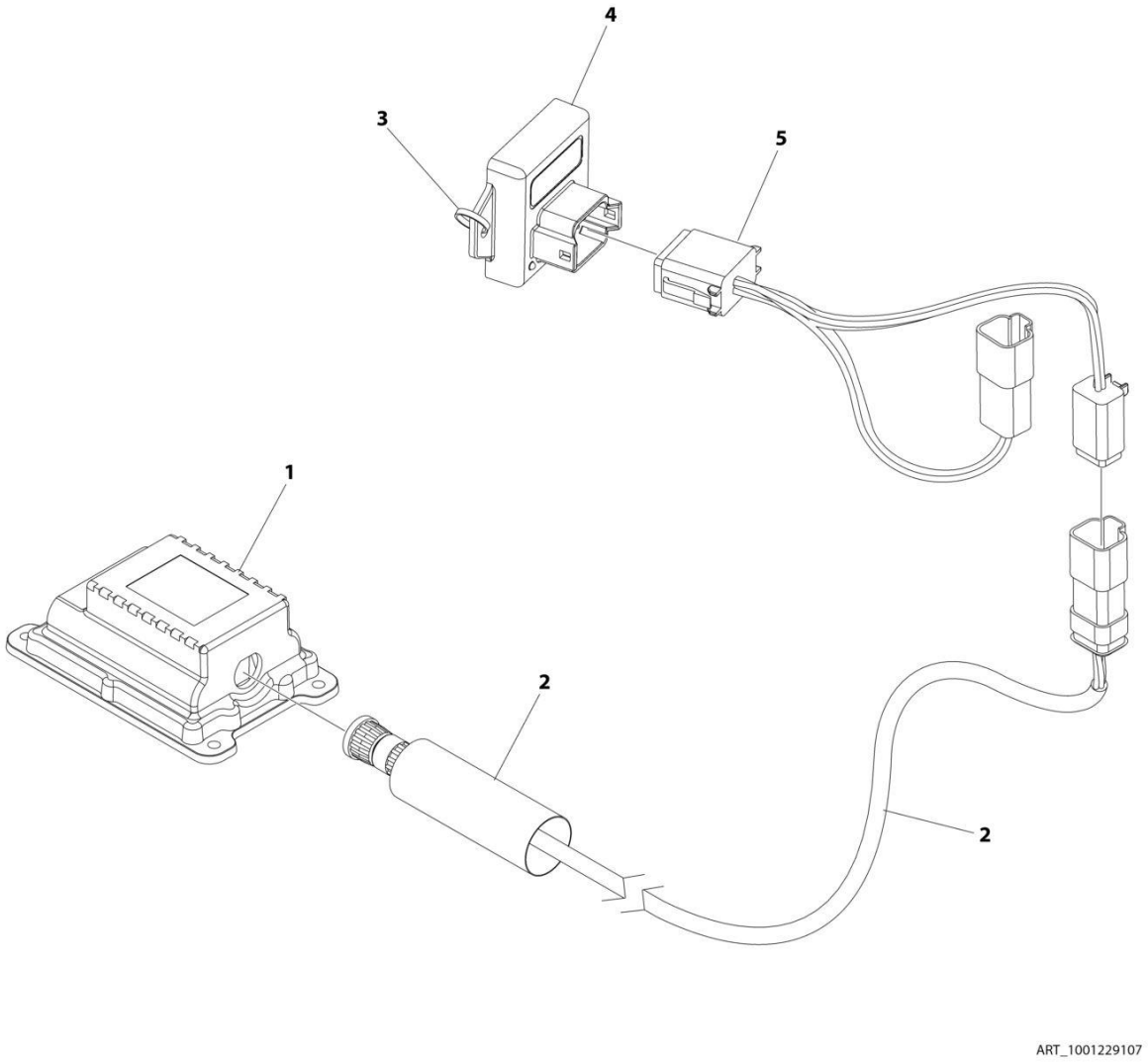


FIGURE 10-24. CLEARSKY INSTALLATION - 3-WIRE (NORTH AMERICA)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229107	Ref	CLEARSKY INSTALLATION 3-WIRE	D
1	1001226328	1	Module, 3W TCU	
2	1001227066	1	Telematics ClearSky Harness (See Separate Breakdown in this Section)	
3	4240032	AR	Tie-Strap	
4	1001262960	1	Voltage Regulator	
5	1001262963	1	Harness, Xirgo Jumper	

FIGURE 10-25. CLEARSKY INSTALLATION - 3-WIRE (CE)

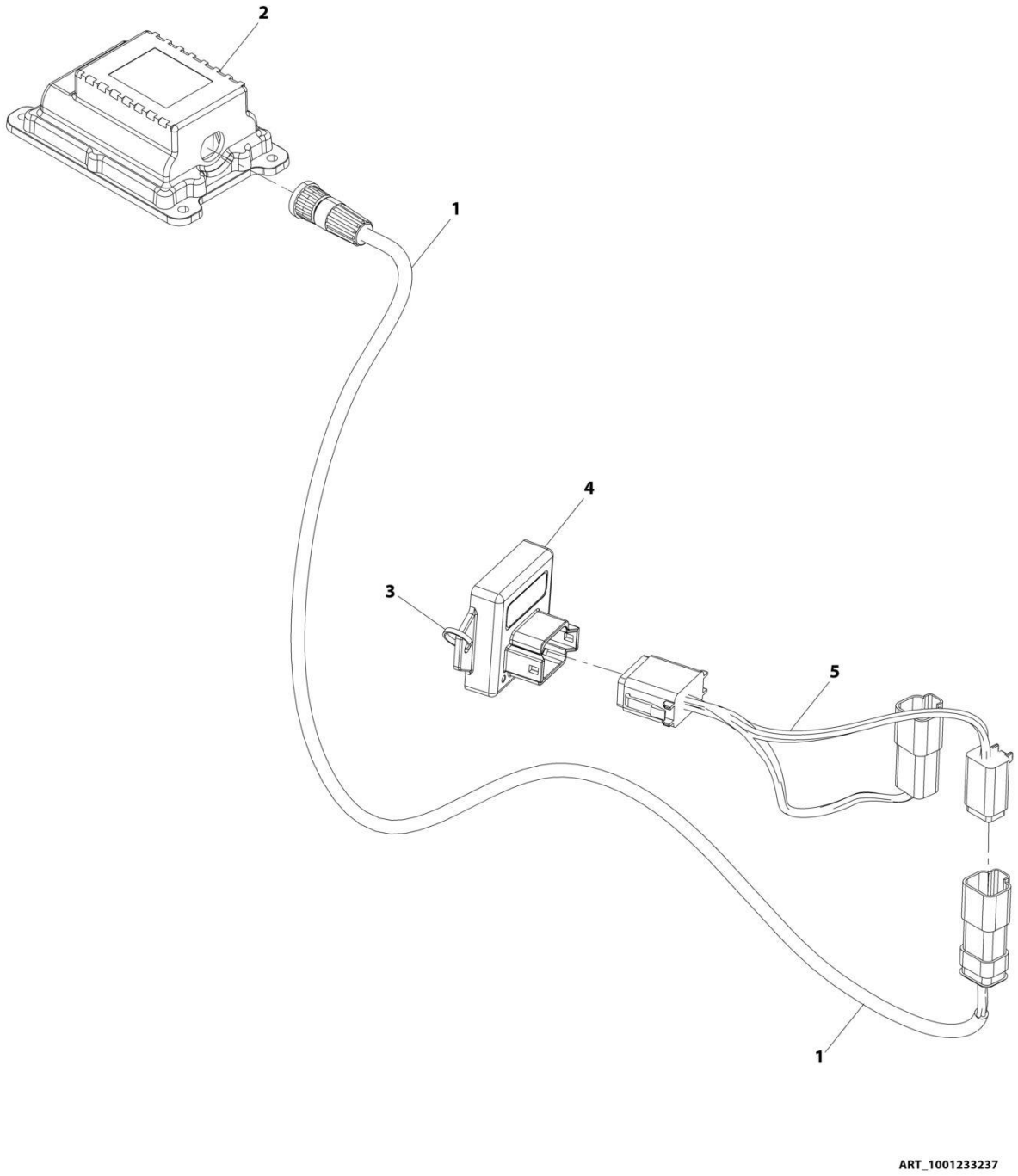


FIGURE 10-25. CLEARSKY INSTALLATION - 3-WIRE (CE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233237	Ref	Clearsky Installation 3-Wire (CE)	E
1	1001227066	1	Telematics Harness (See Separate Breakdown in this Section)	
2	1001233236	1	Module, 3W TCU	
3	4240032	AR	Tie Strap	
4	1001262960	1	Voltage Regulator	
5	1001262963	1	Harness, Xirgo Jumper	

FIGURE 10-26. CLEARSKY HARNESS - 3-WIRE

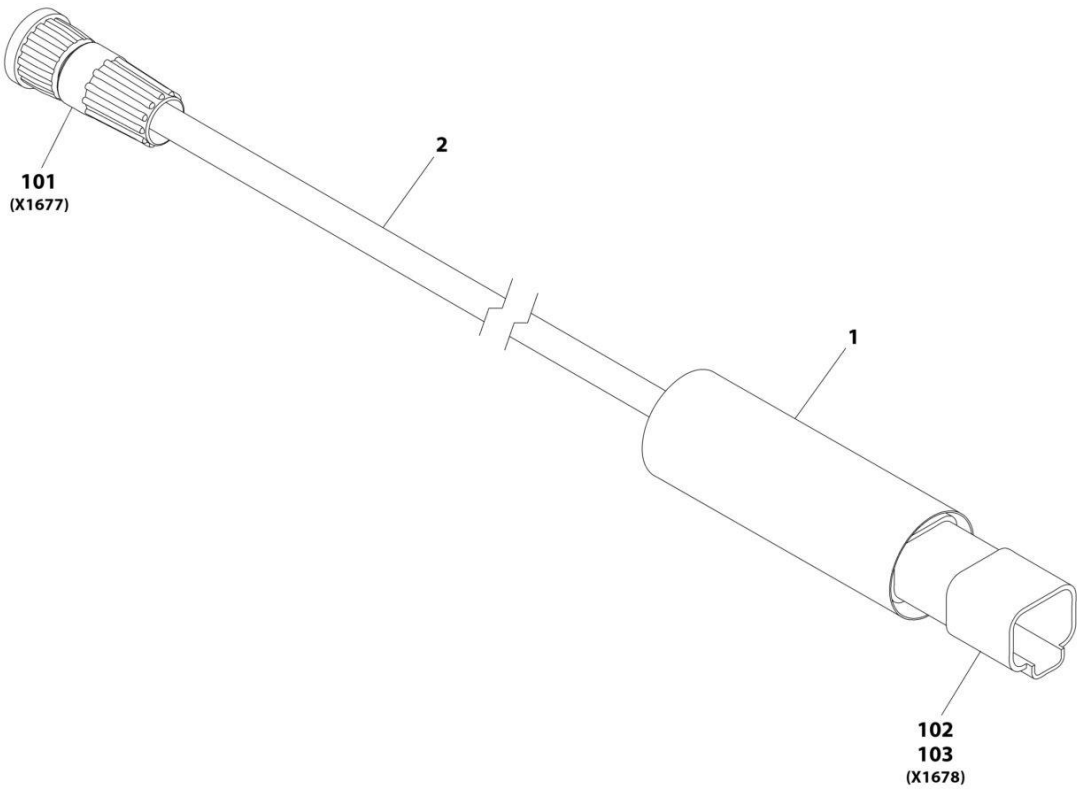


FIGURE 10-26. CLEARSKY HARNESS - 3-WIRE

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 10-27. COLD WEATHER PACKAGE (ULS)

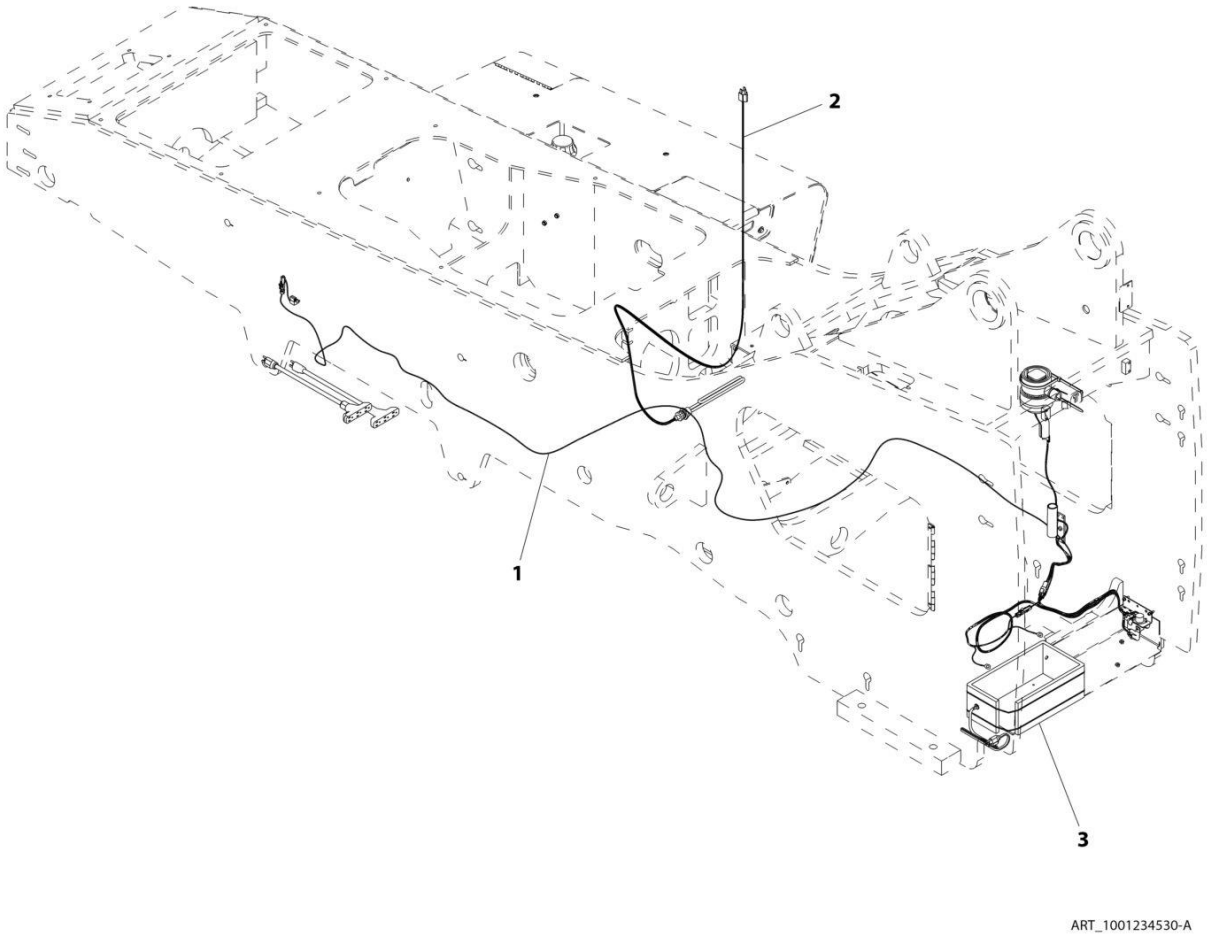


FIGURE 10-27. COLD WEATHER PACKAGE (ULS)

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 10-28. COLD WEATHER PACKAGE (LS)

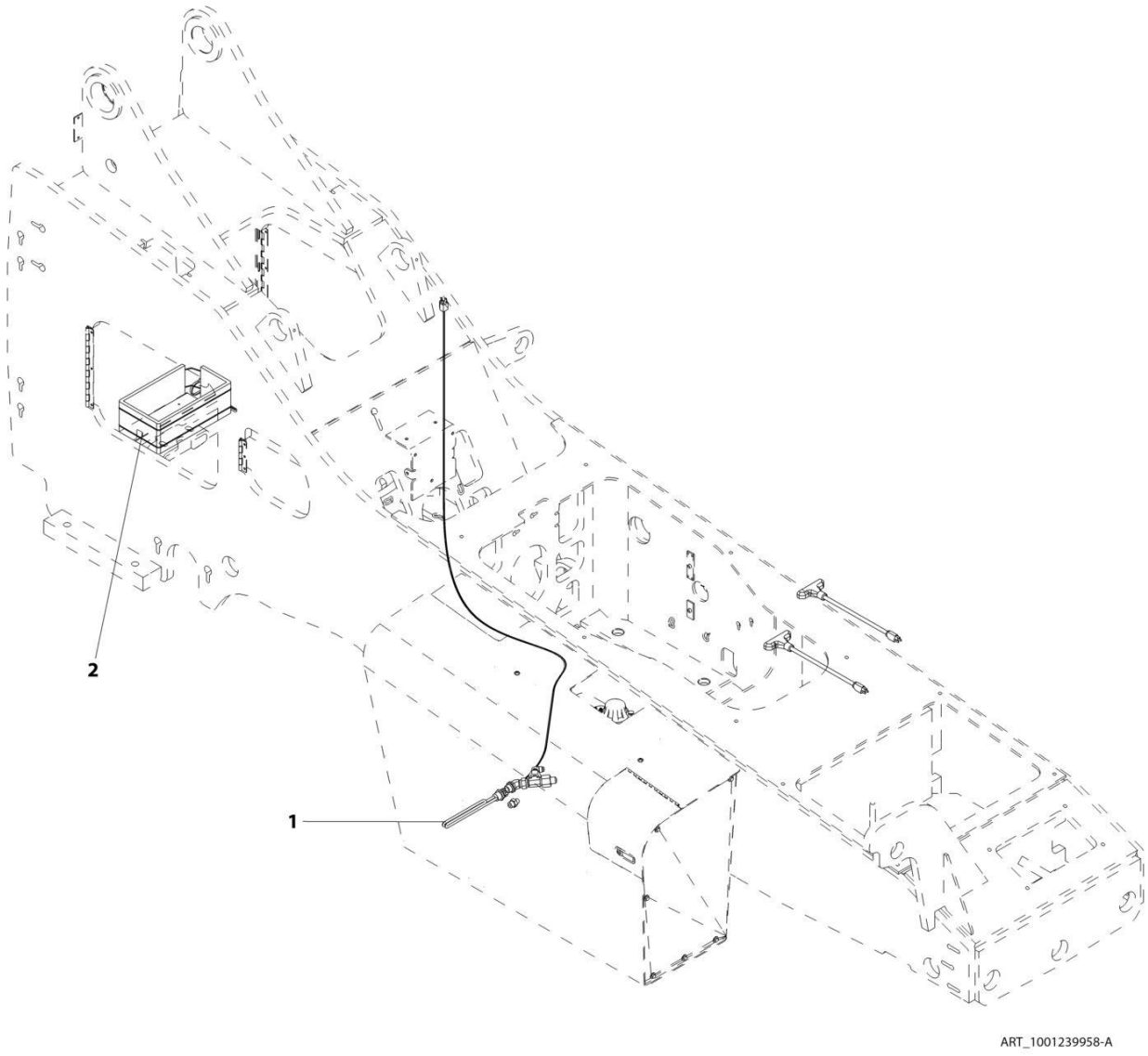
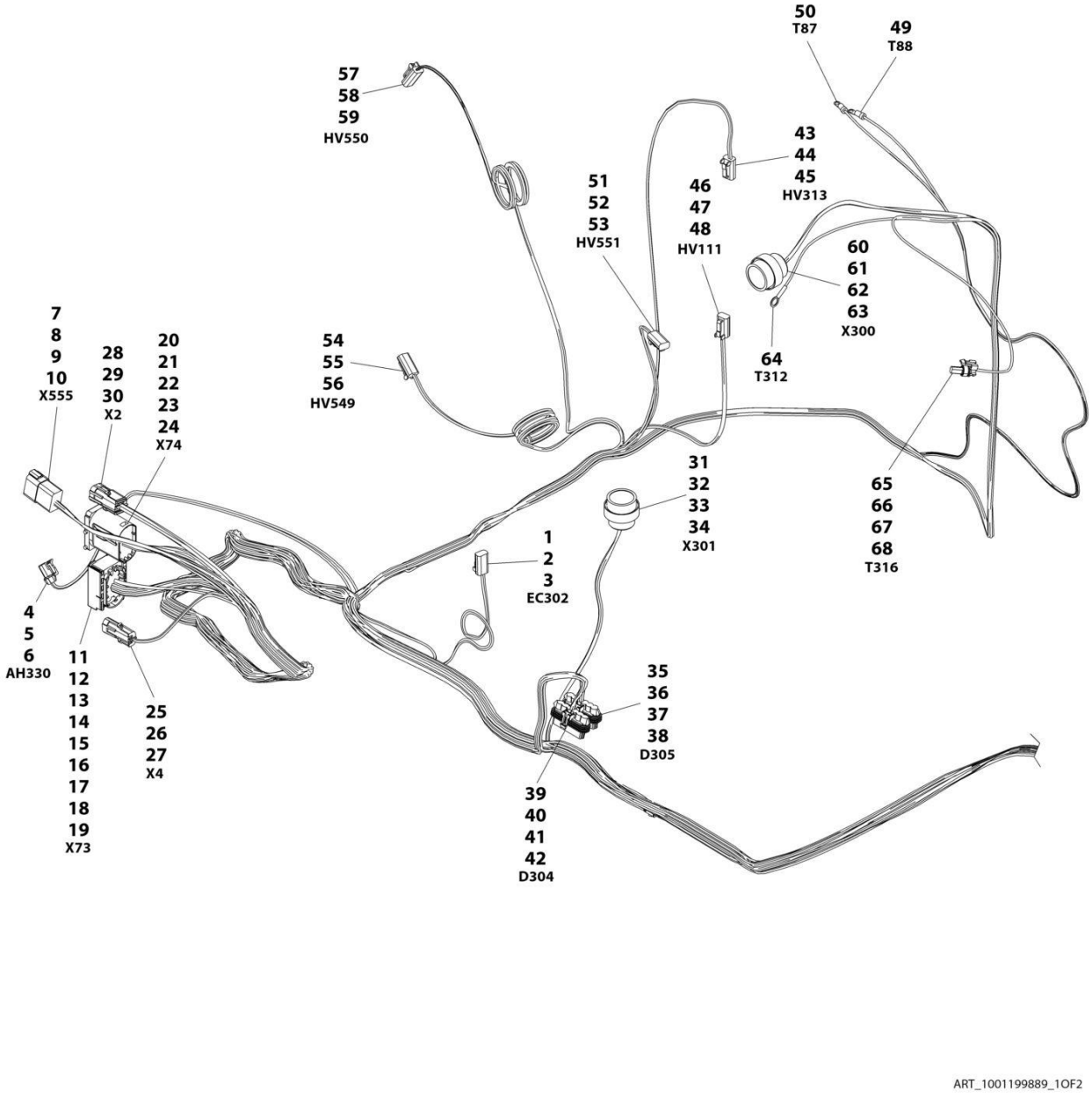
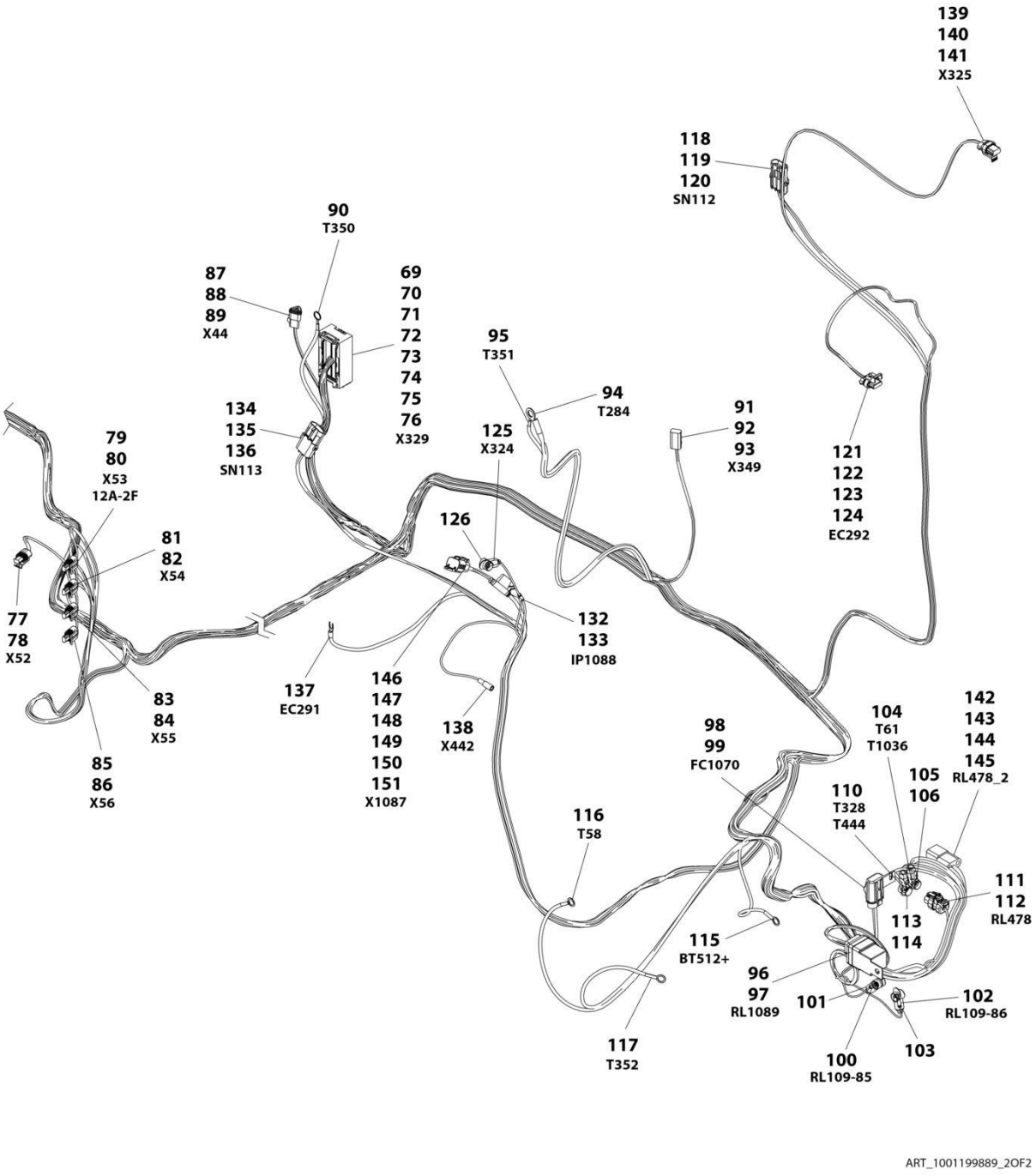


FIGURE 10-28. COLD WEATHER PACKAGE (LS)

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 10-29. ENGINE HARNESS (74HP)





ART_1001199889_2OF2

FIGURE 10-29. ENGINE HARNESS (74HP)

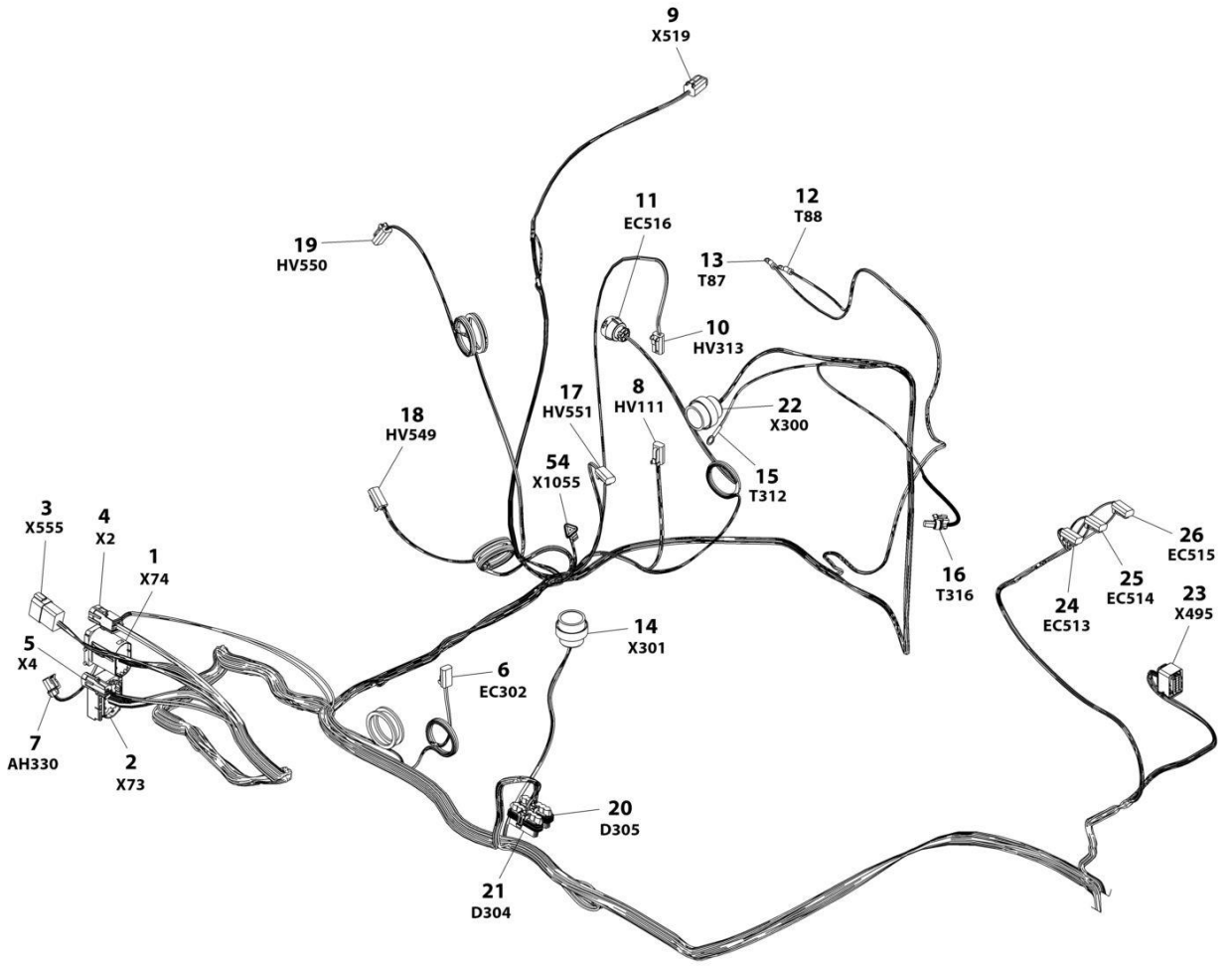
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199889	Ref	ENGINE HARNESS 74HP (IF EQUIPPED FOR ULS)	I
1	4460891	1	Connector	
2	80604018	1	Lock, Wedge	
3	4460465	2	Terminal	
4	1001117068	1	Connector	
5	8220124	2	Terminal	
6	80963067	2	Seal	
6	4460608	2	Seal	
7	4460931	1	Connector	
8	91503106	1	Lock, Wedge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

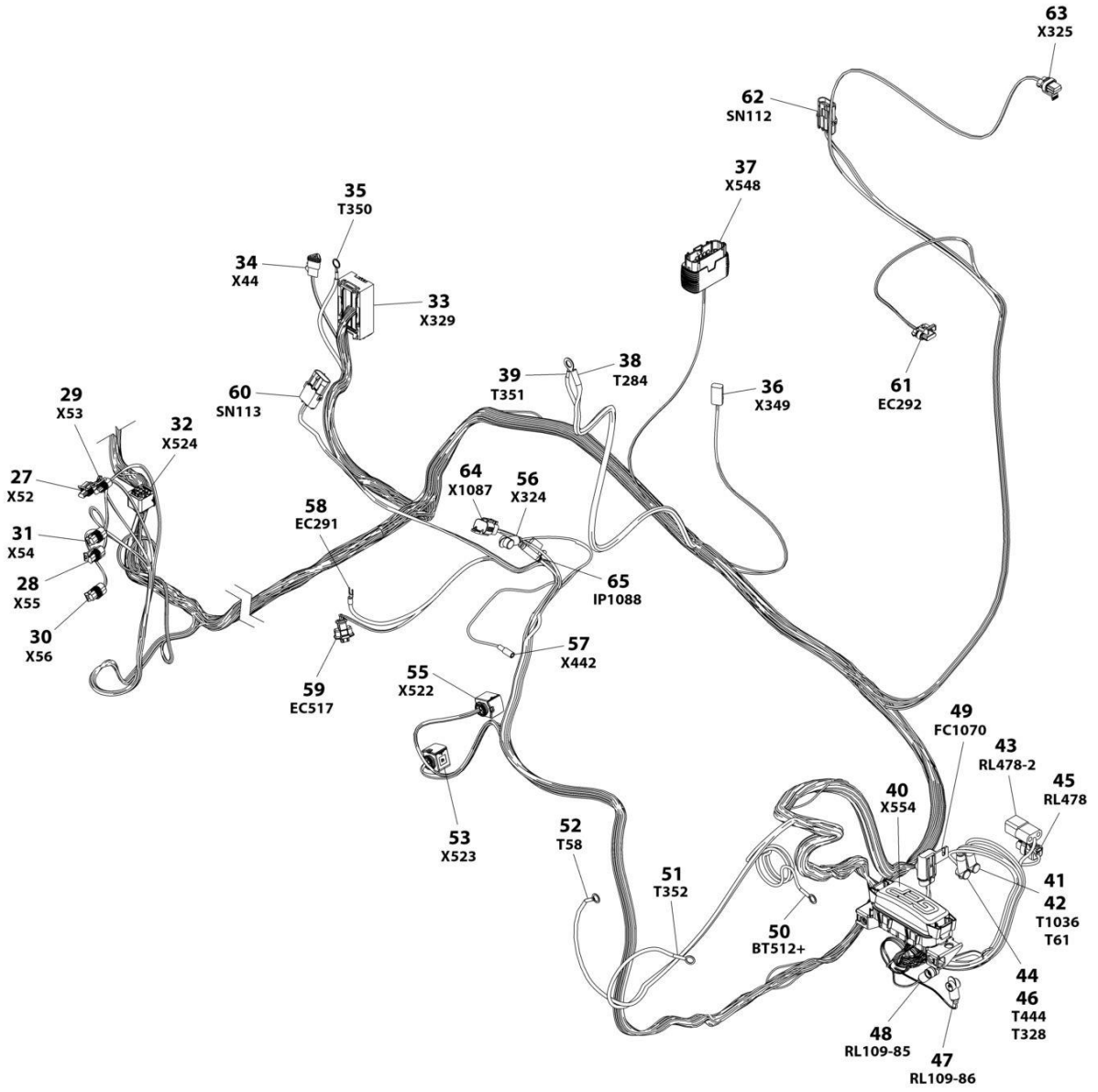
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49	4460042	1	Terminal, Ring	
50	4460042	1	Terminal, Ring	
51	4460891	1	Connector	
52	80604018	1	Lock, Wedge	
53	4460465	2	Terminal	
54	4460891	1	Connector	
55	80604018	1	Lock, Wedge	
56	4460465	2	Terminal	
57	4460891	1	Connector	
58	80604018	1	Lock, Wedge	
59	4460465	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 10-30. ENGINE HARNESS (110HP ULS)





ART_1001169620_2OF2

FIGURE 10-30. 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	

SECTION 10 - ELECTRICAL

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 10-31. ENGINE HARNESS (110HP LS)

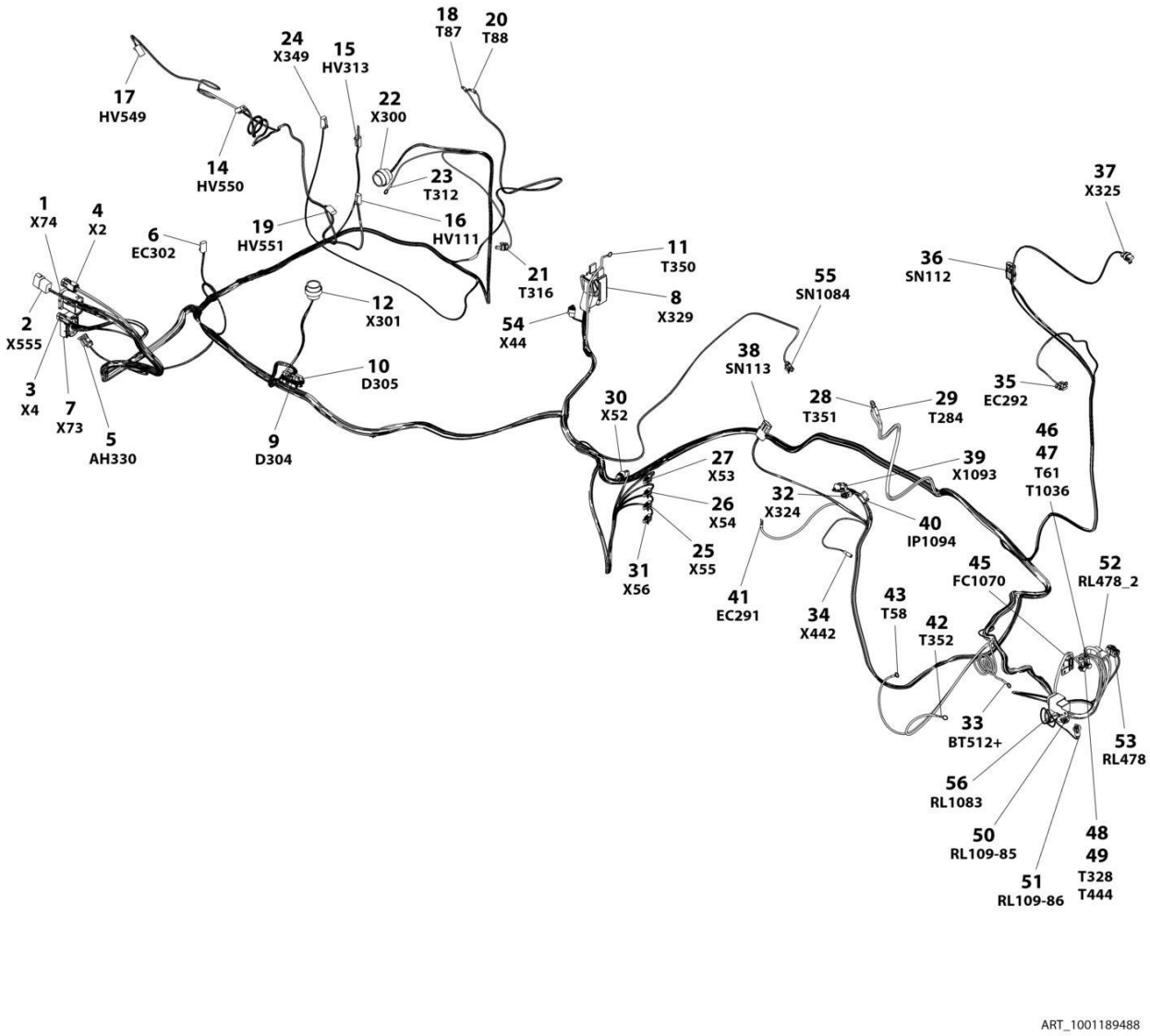


FIGURE 10-31. ENGINE HARNESS (110HP LS)

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

SECTION 10 - ELECTRICAL

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

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

FIGURE 10-32. HVAC HARNESS

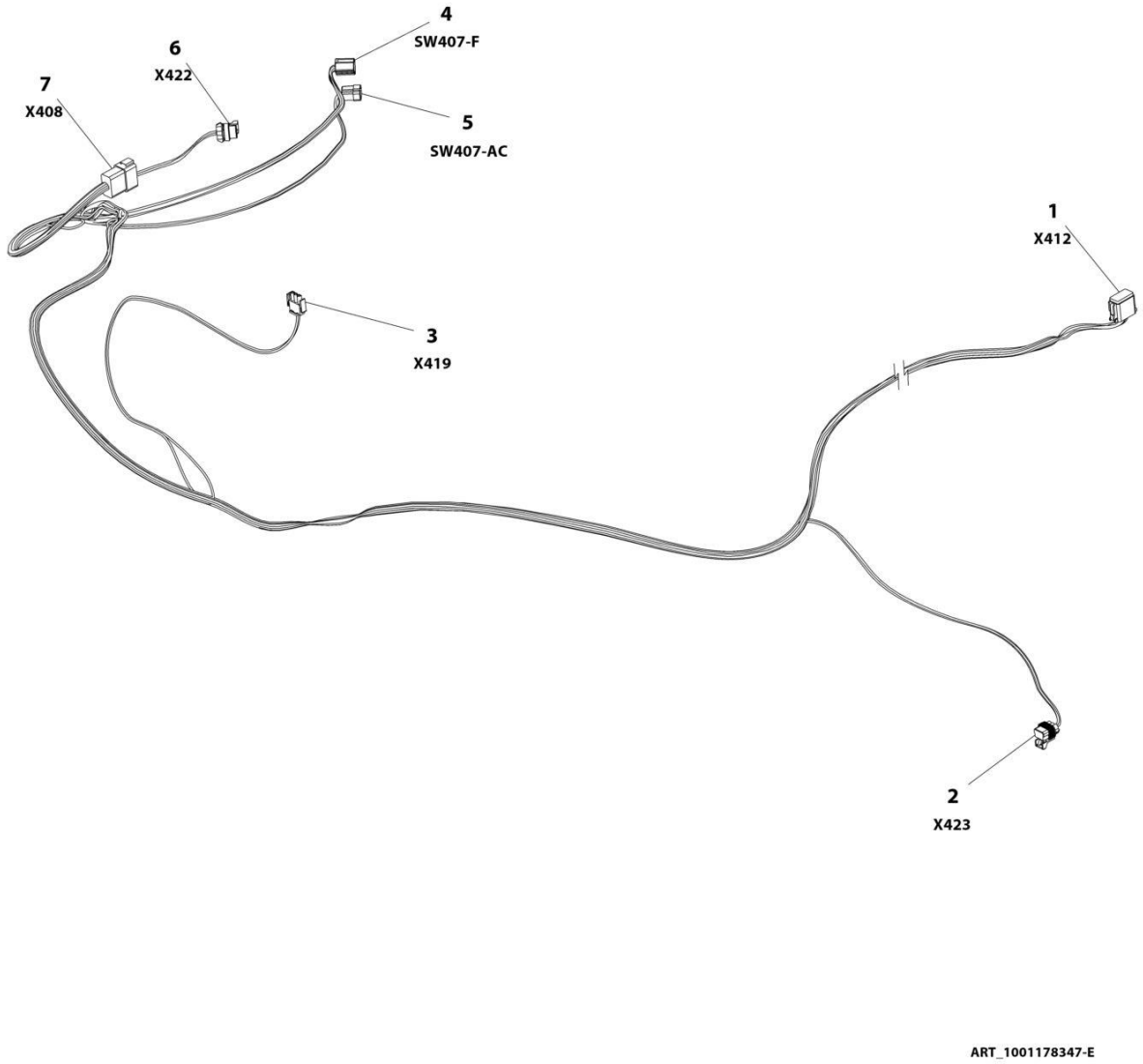


FIGURE 10-32. HVAC HARNESS

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 10-33. LIGHTS - BEACON LIGHT INSTALLATION (ENCLOSED CAB) (PVC1911)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161213	Ref	Rotating Beacon Installation (Enclosed Cab)	E
1	0100009	AR	Sealant	
2	1001178345	1	Harness, Beacon Option (See Separate Breakdown in this Section)	
3	8223038	1	Switch, Beacon	
5	8500066	1	Light, Rotating Beacon	

FIGURE 10-34. LIGHTS - BEACON LIGHT INSTALLATION (ENCLOSED CAB) (PVC2005)

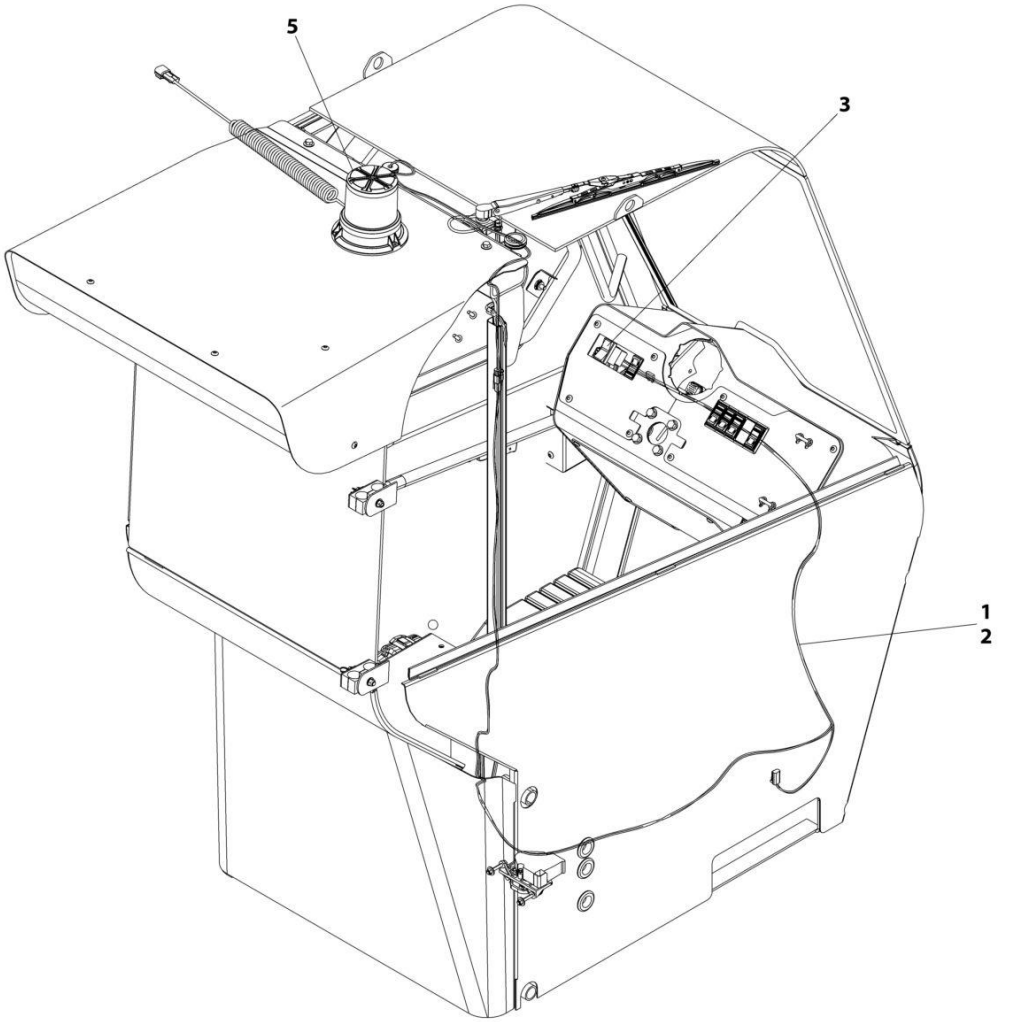


FIGURE 10-34. LIGHTS - BEACON LIGHT INSTALLATION (ENCLOSED CAB) (PVC2005)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161213	Ref	LIGHTS - BEACON LIGHT INSTALLATION (ENCLOSED CAB)	G
1	0100009	AR	Sealant	
2	1001178345	1	Harness, Beacon Option (See Separate Breakdown in this Section)	
3	8223038	1	Switch, Beacon	
5	1001271586	1	Light, Rotating Beacon	

FIGURE 10-35. LIGHTS - BEACON LIGHT INSTALLATION (OPEN CAB) (PVC1911)

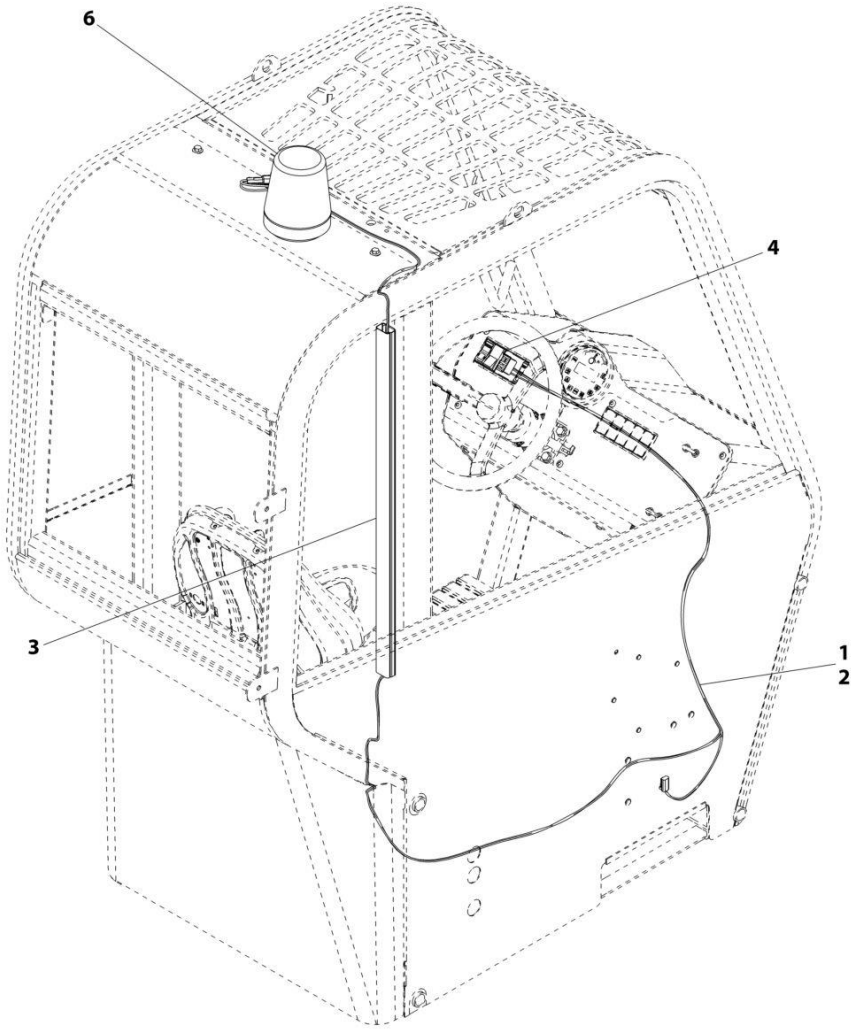


FIGURE 10-35. LIGHTS - BEACON LIGHT INSTALLATION (OPEN CAB) (PVC1911)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161212	Ref	Rotating Beacon Installation (Open Cab)	G
1	0100009	AR	Sealant	
2	1001178345	1	Harness, Beacon Option (See Separate Breakdown in this Section)	
3	1001182091	1	Duct, Upper Wire	
4	8223038	1	Switch, Beacon	
6	8500066	1	Light, Rotating Beacon	

FIGURE 10-36. LIGHTS - BEACON LIGHT INSTALLATION (OPEN CAB) (PVC2005)

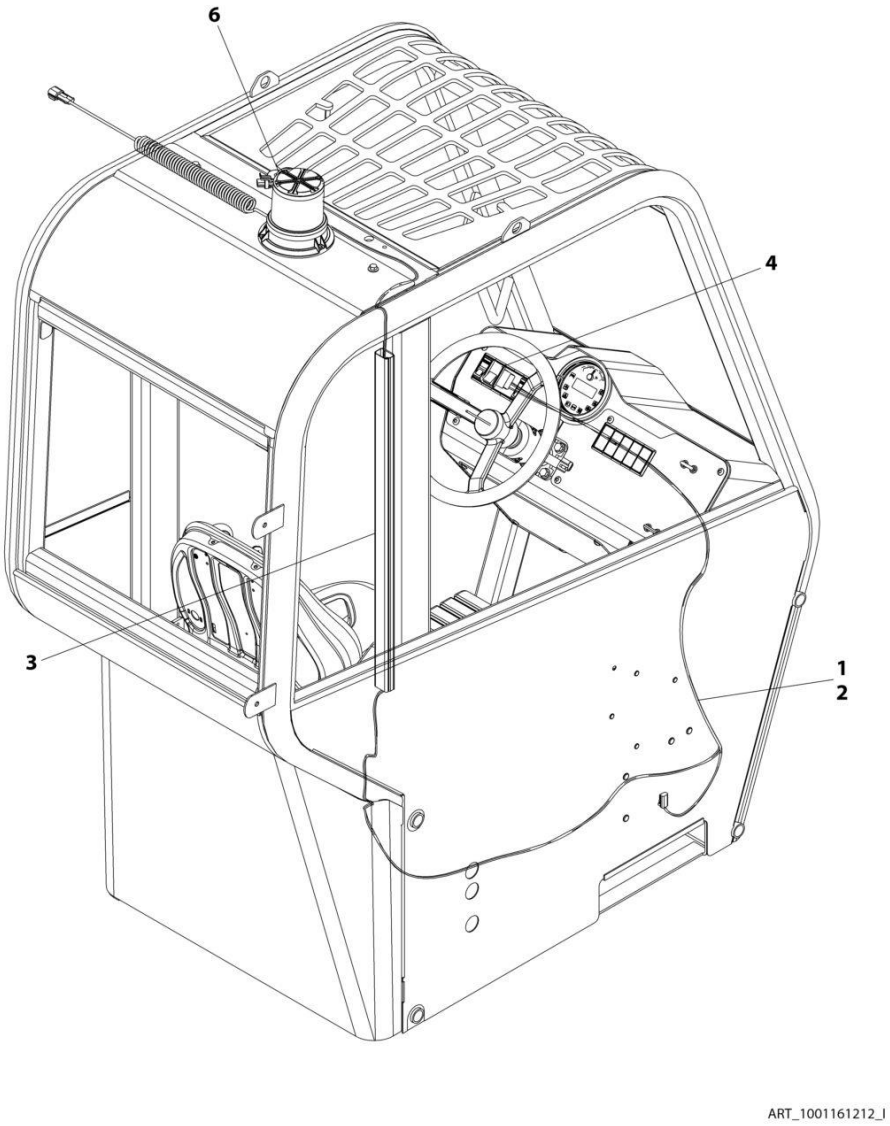


FIGURE 10-36. LIGHTS - BEACON LIGHT INSTALLATION (OPEN CAB) (PVC2005)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161212	Ref	LIGHTS - BEACON LIGHT INSTALLATION (OPEN CAB)	I
1	0100009	AR	Sealant	
2	1001178345	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 10-37. LIGHTS - BEACON LIGHT HARNESS

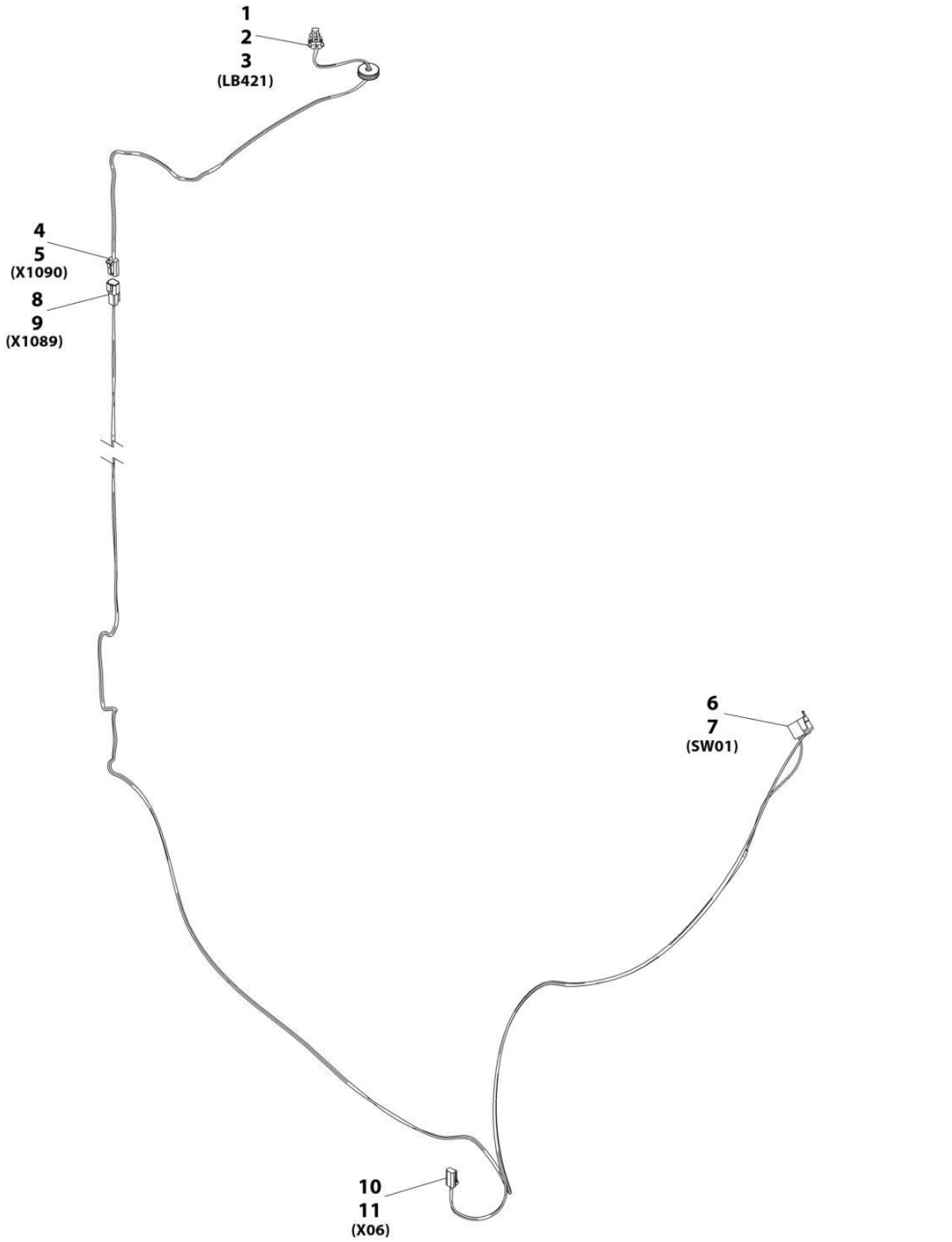


FIGURE 10-37. LIGHTS - BEACON LIGHT HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178345	Ref	Beacon Option Harness	H
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	5	Terminal	
8	4460897	1	Connector	
9	4460464	2	Terminal	
10	4460891	1	Connector	
11	4460465	2	Terminal	

FIGURE 10-38. LIGHTS - BOOM WORK LIGHT HARNESS

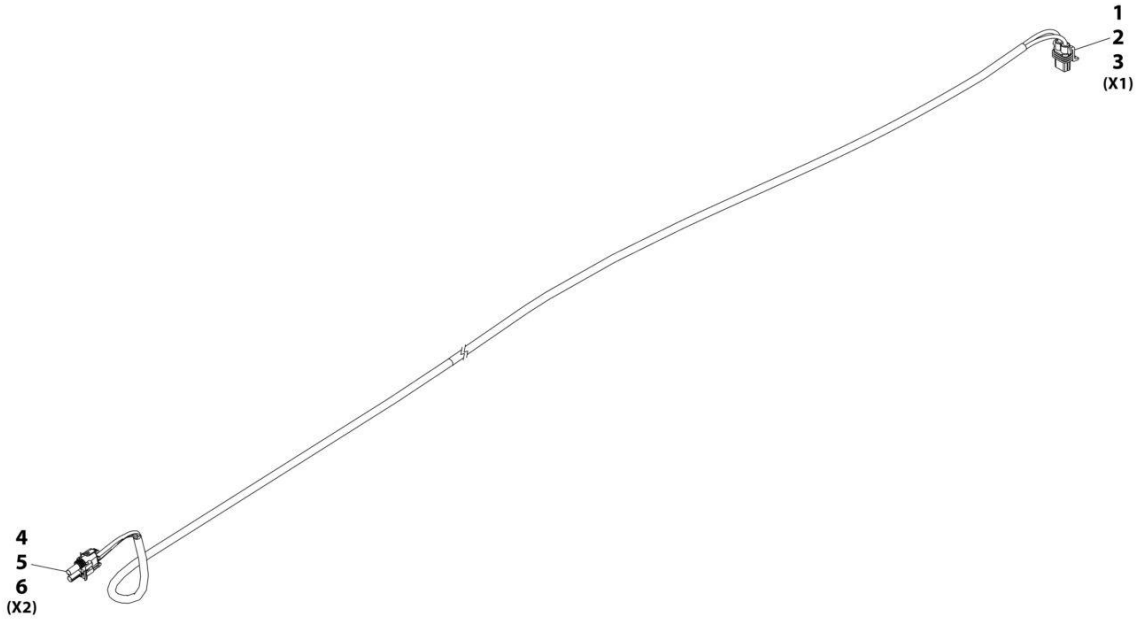


FIGURE 10-38. LIGHTS - BOOM WORK LIGHT HARNESS

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 10-39. LIGHTS - LED WORK LIGHT PACKAGE INSTALLATION

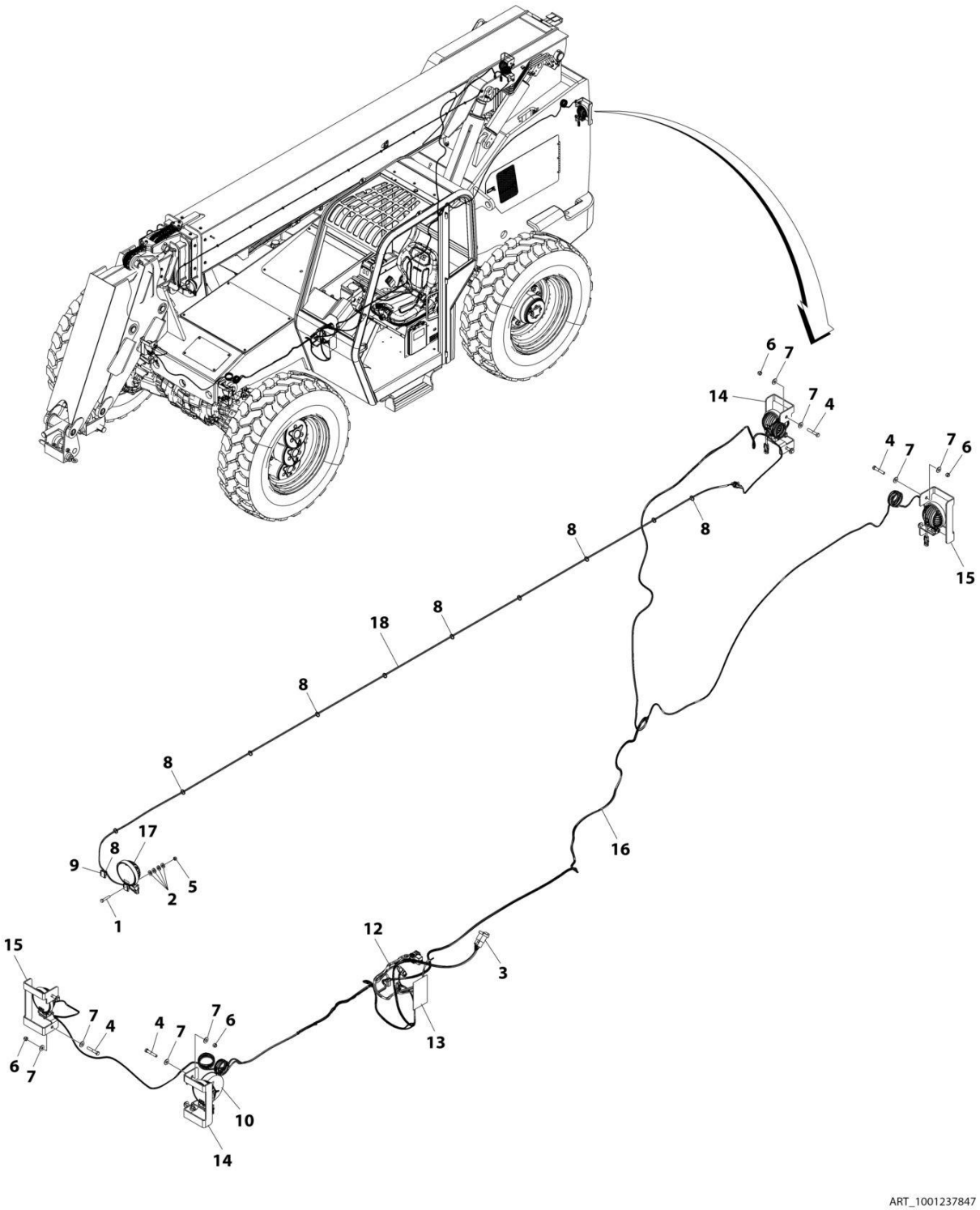


FIGURE 10-39. LIGHTS - LED WORK LIGHT PACKAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237847	Ref	LIGHTS - LED WORK LIGHT PACKAGE INSTALLATION	C
1	0641514	1	Bolt 5/16 x 1-3/8	
2	4891600	AR	Washer 3/8	
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	1	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	1001176337	1	Lamp, LED Worklight	
18	1001238111	1	Harness, Boom Worklight (See Separate Breakdown in this Section)	

FIGURE 10-40. LIGHTS - ROADLIGHT PACKAGE INSTALLATION

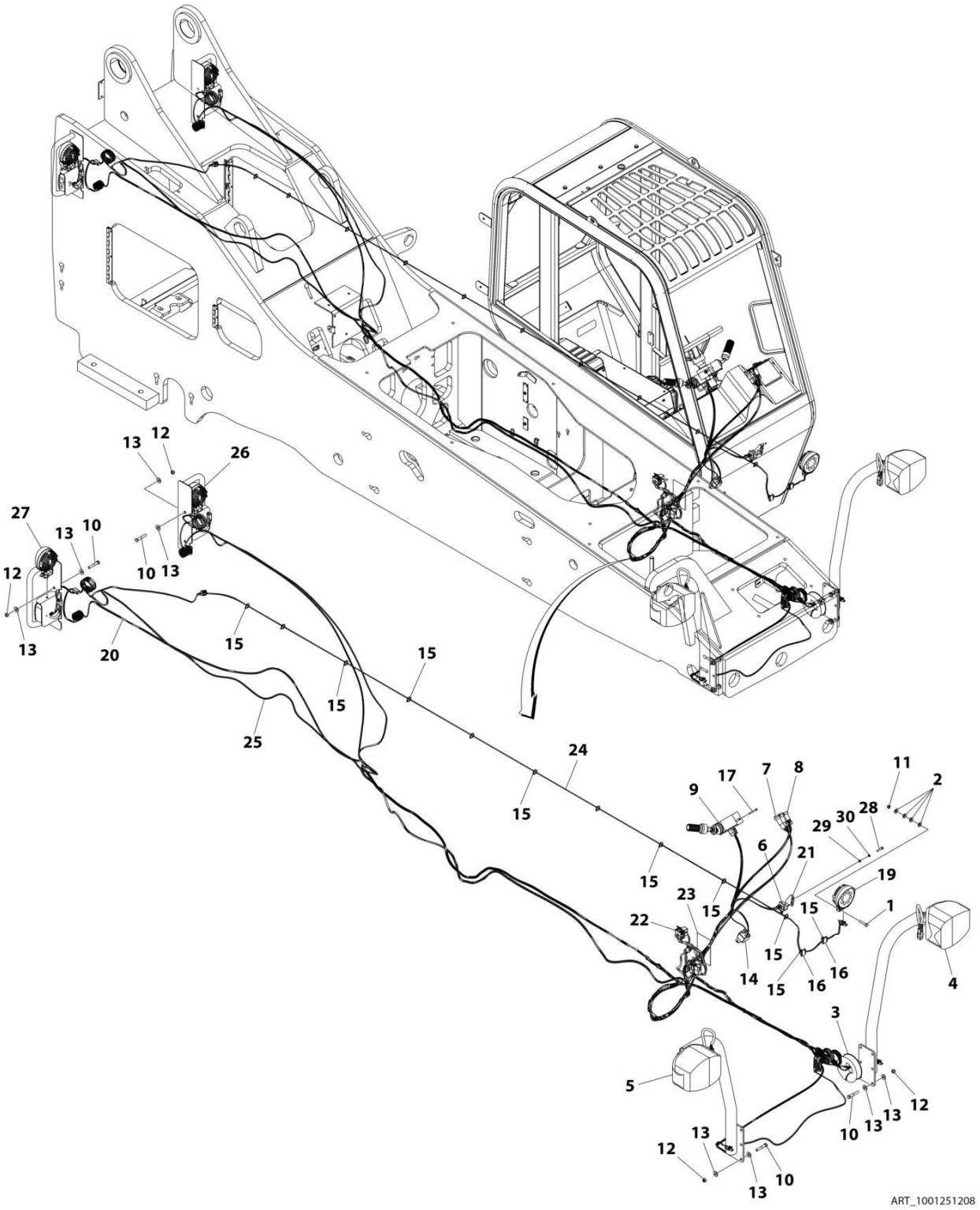


FIGURE 10-40. LIGHTS - ROADLIGHT PACKAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251208	Ref	ROADLIGHT PACKAGE INSTALLATION	B
1	0641514	1	Bolt 5/16 x 1-3/4	
2	4891600	4	Washer 3/8	
3	7124471	1	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	AR	Wrap, Tie	
16	8584018	2	Mount, Cable Tie	
17	88211516	2	Screw M10	
19	1001176337	1	Lamp, LED Worklight	
20	1001178346	1	Harness, Road Light Option (See Separate Breakdown in this Section)	
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	

FIGURE 10-41. LIGHTS - ROAD LIGHT ASSEMBLY (LH)

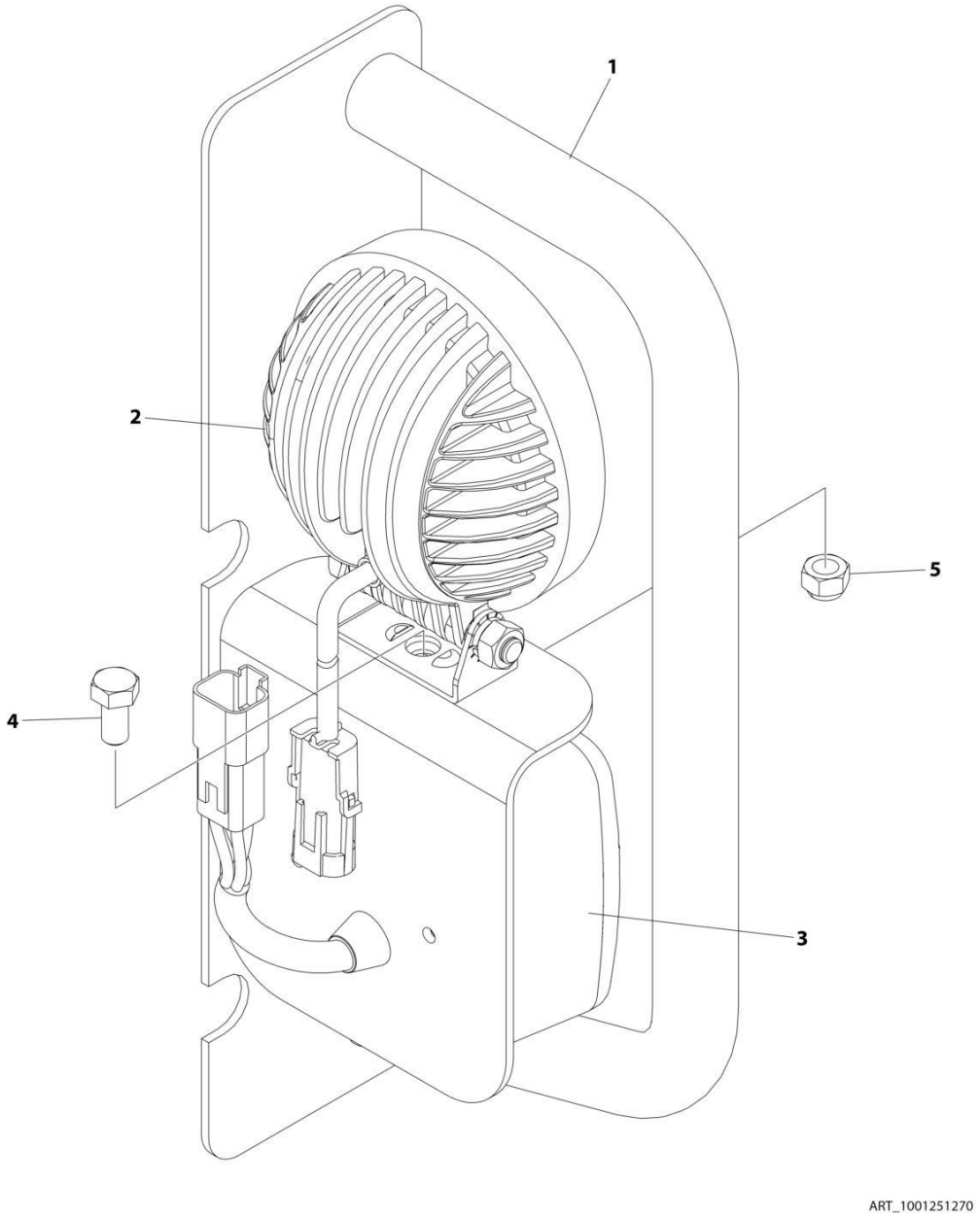


FIGURE 10-41. LIGHTS - ROAD LIGHT ASSEMBLY (LH)

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 10-42. LIGHTS - ROAD LIGHT ASSEMBLY (RH)

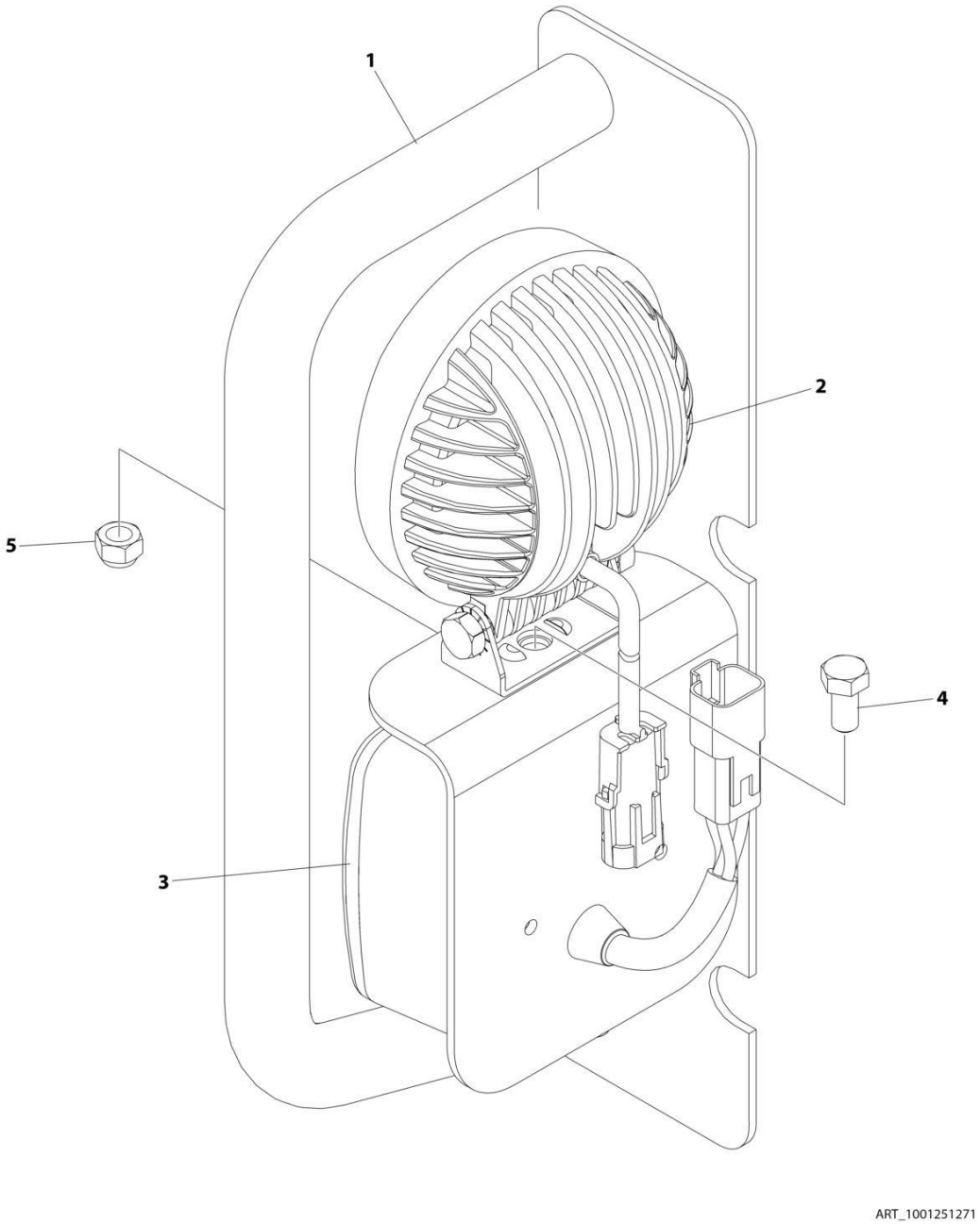


FIGURE 10-42. LIGHTS - ROAD LIGHT ASSEMBLY (RH)

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 10-43. LIGHTS - ROAD LIGHT BRACKET ASSEMBLY (LH)

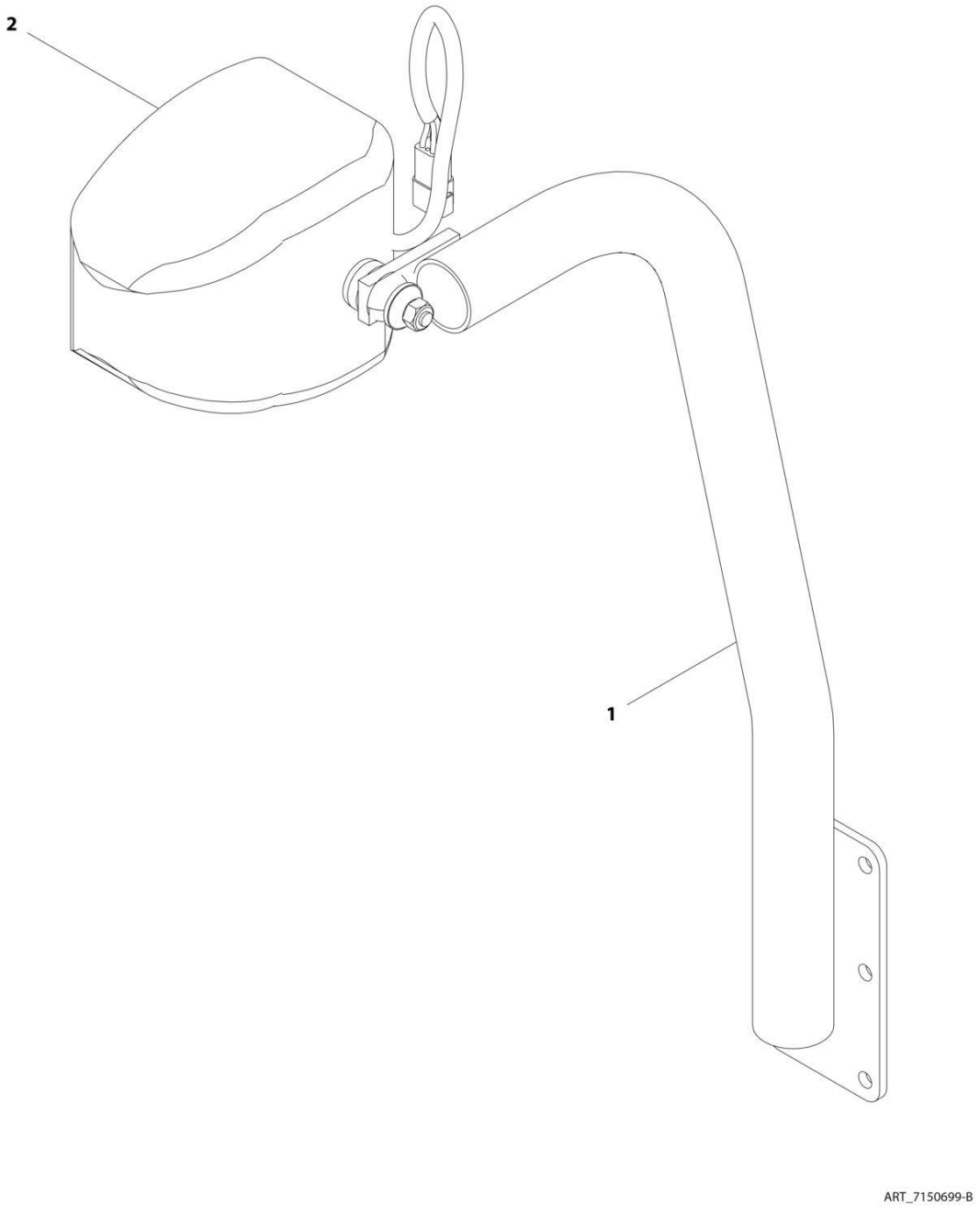


FIGURE 10-43. LIGHTS - ROAD LIGHT BRACKET ASSEMBLY (LH)

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 10-44. LIGHTS - ROAD LIGHT BRACKET ASSEMBLY (RH)

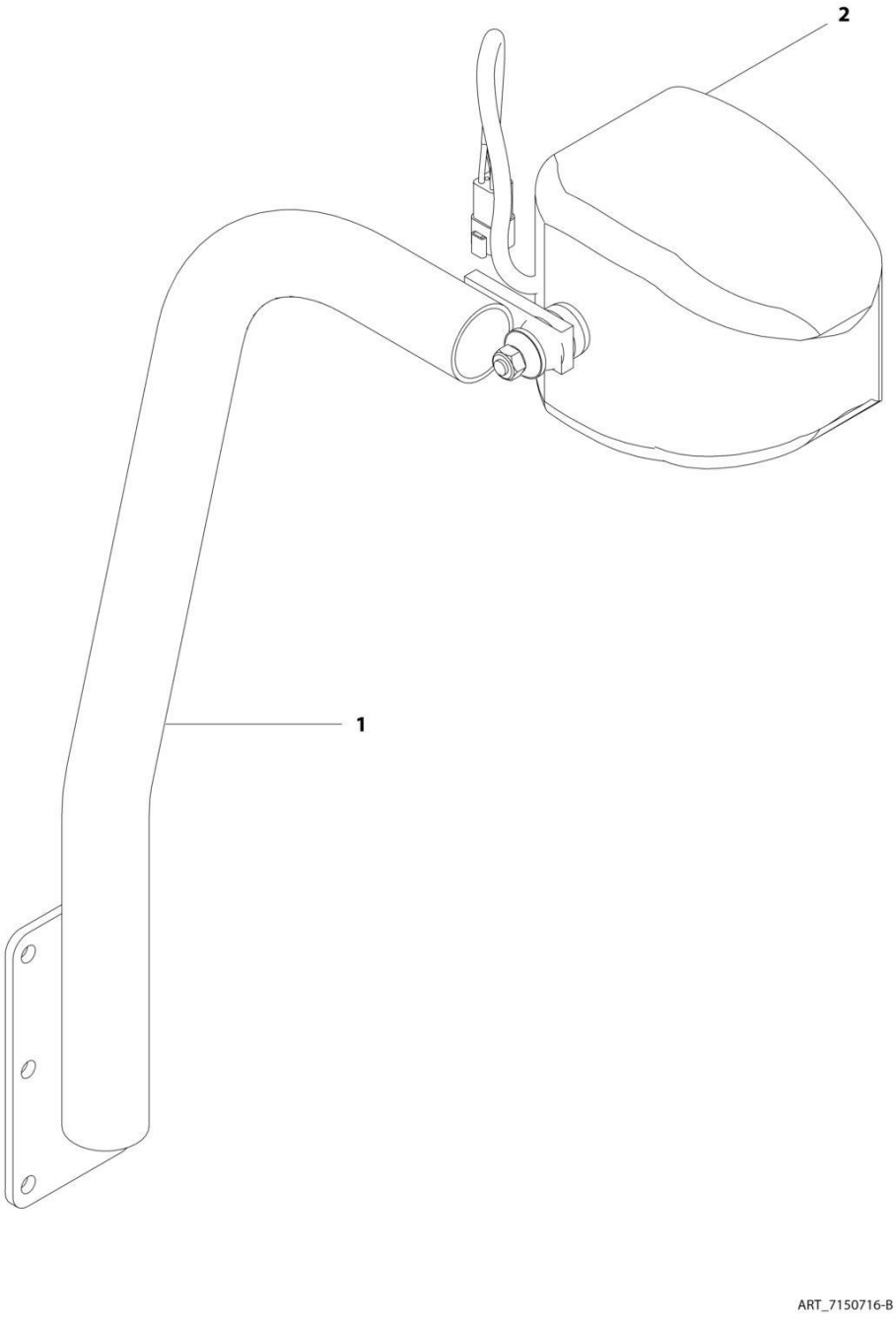


FIGURE 10-44. LIGHTS - ROAD LIGHT BRACKET ASSEMBLY (RH)

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 10-45. LIGHT - ROAD LIGHT OPTION HARNESS

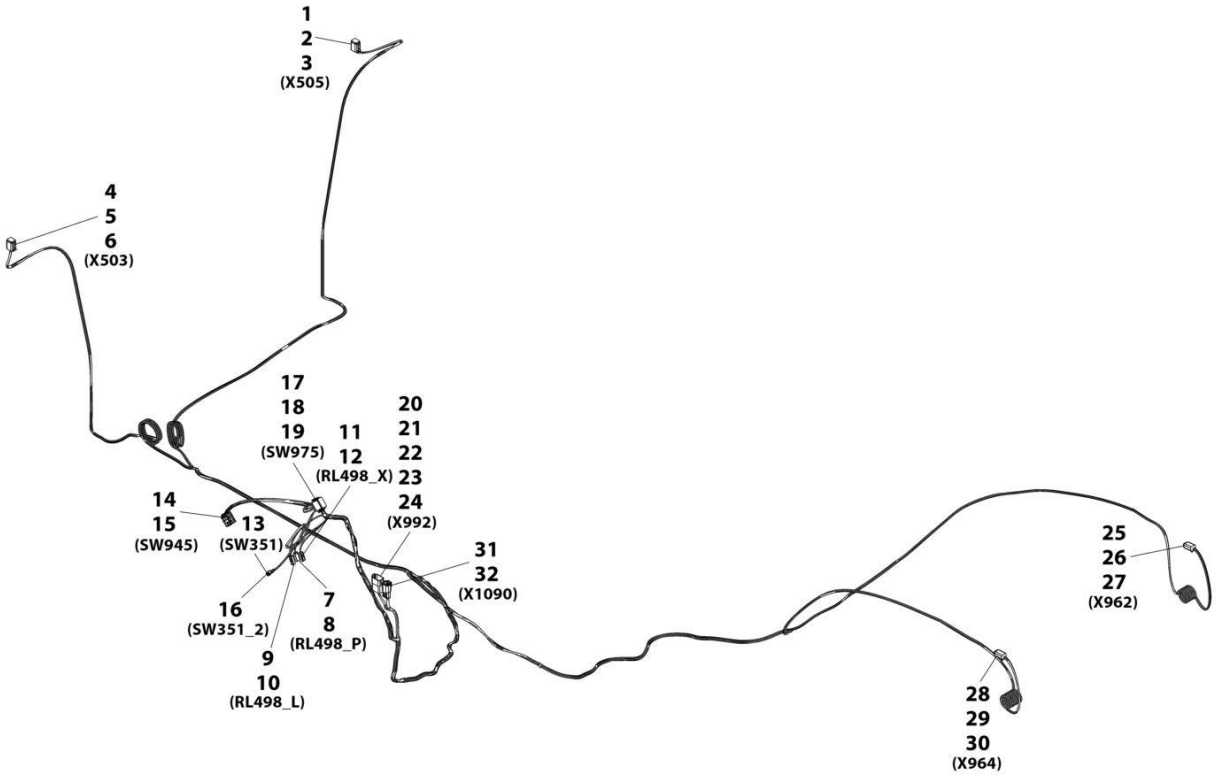


FIGURE 10-45. LIGHT - ROAD LIGHT OPTION HARNESS

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 10-46. LIGHTS - ROAD LIGHT WORK LIGHT HARNESS

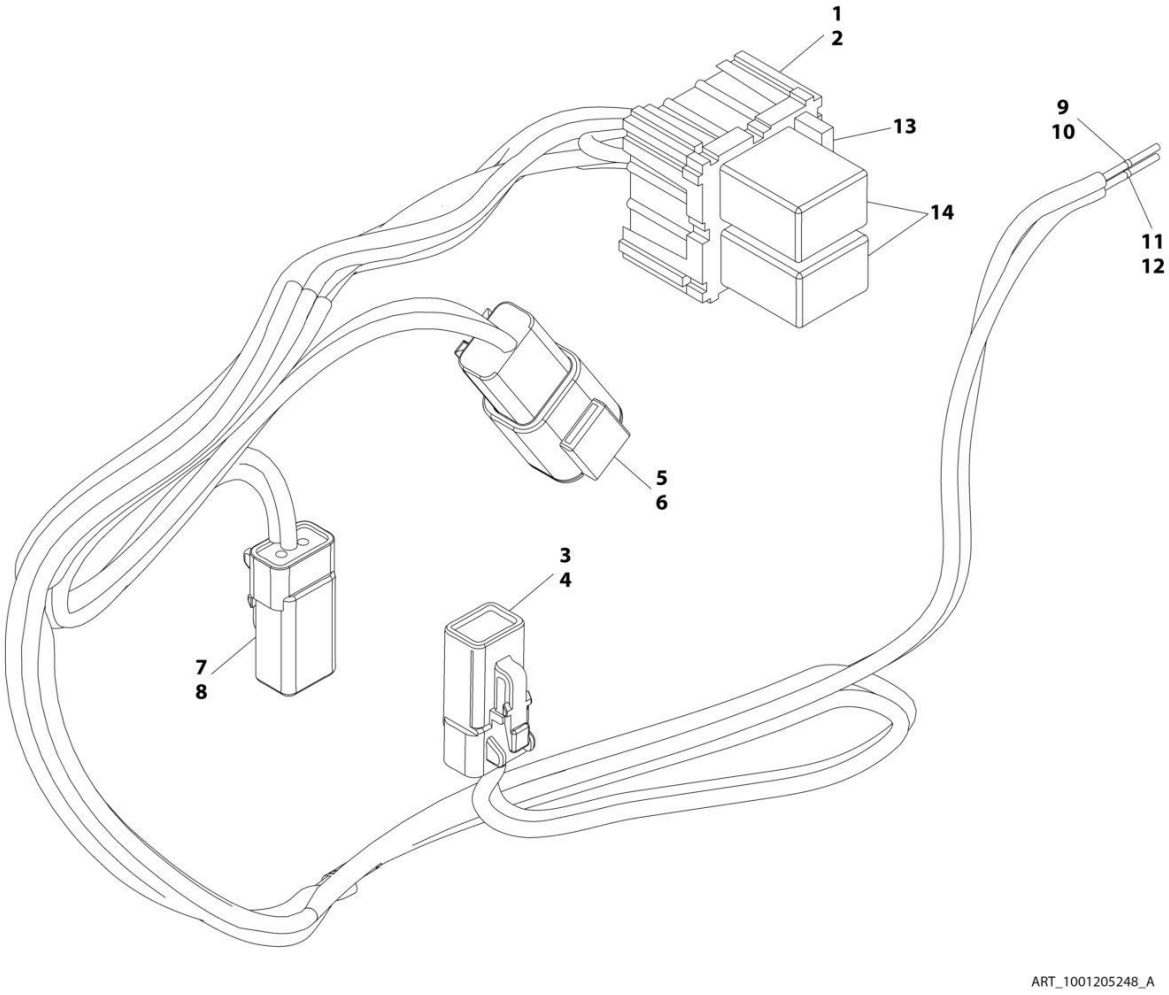


FIGURE 10-46. LIGHTS - ROAD LIGHT WORK LIGHT HARNESS

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 10-47. LIGHTS - WORK LIGHT OPTIONS HARNESS

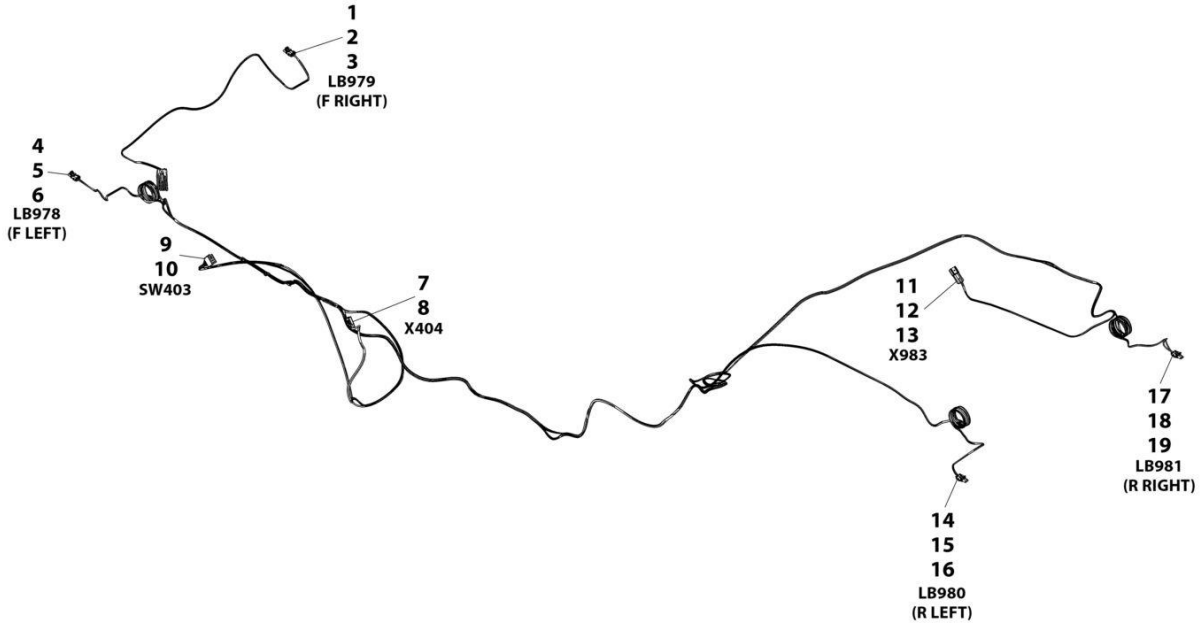


FIGURE 10-47. LIGHTS - WORK LIGHT OPTIONS HARNESS

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 10-48. LIGHTS - WORK LIGHT ASSEMBLY - LED (LH)

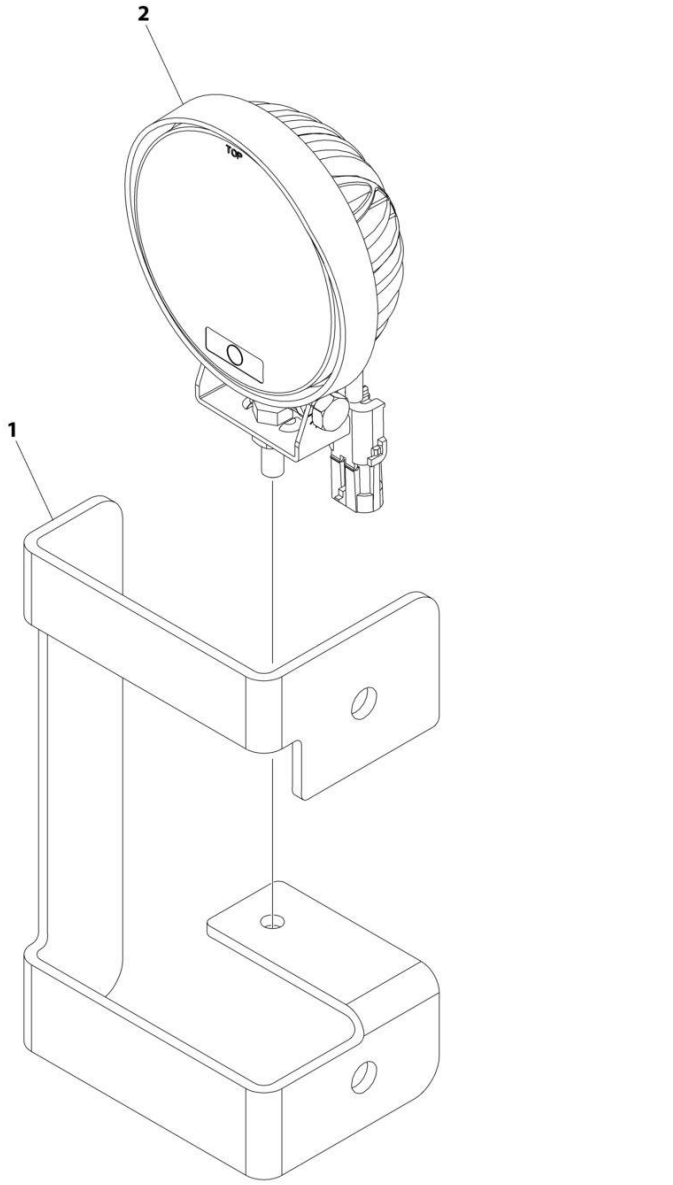
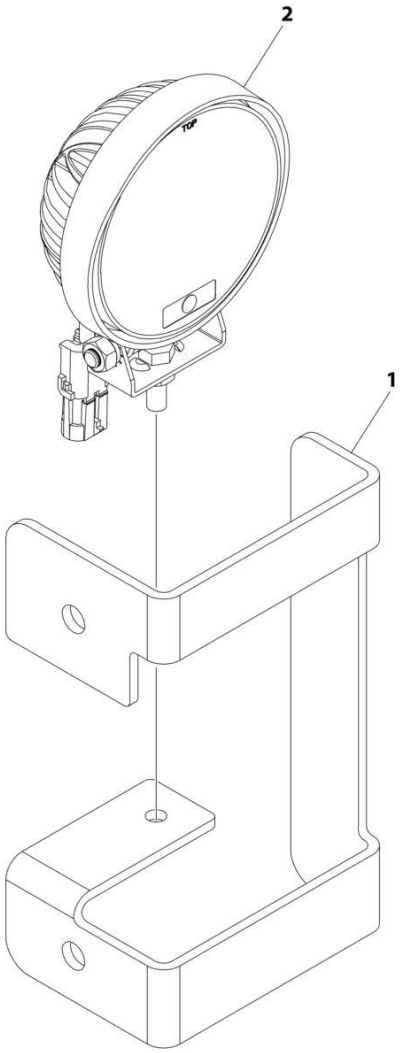


FIGURE 10-48. LIGHTS - WORK LIGHT ASSEMBLY - LED (LH)

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 10-49. LIGHTS - WORK LIGHT ASSEMBLY - LED (RH)



ART_1001237853

FIGURE 10-49. 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 10-50. LOGIC HARNESS (10054)

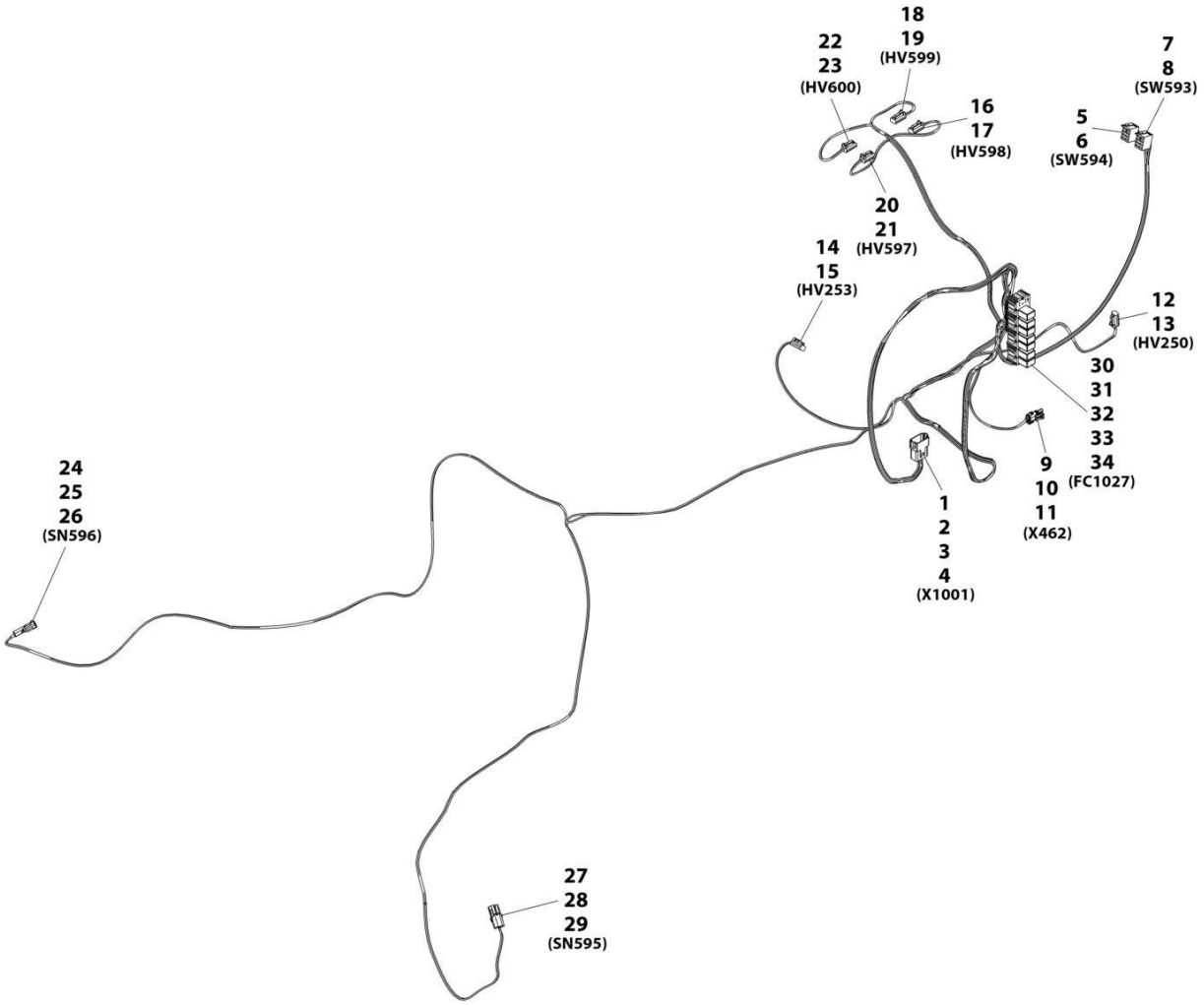


FIGURE 10-50. LOGIC HARNESS (10054)

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 10-51. OUTRIGGER HARNESS (10042,10054)

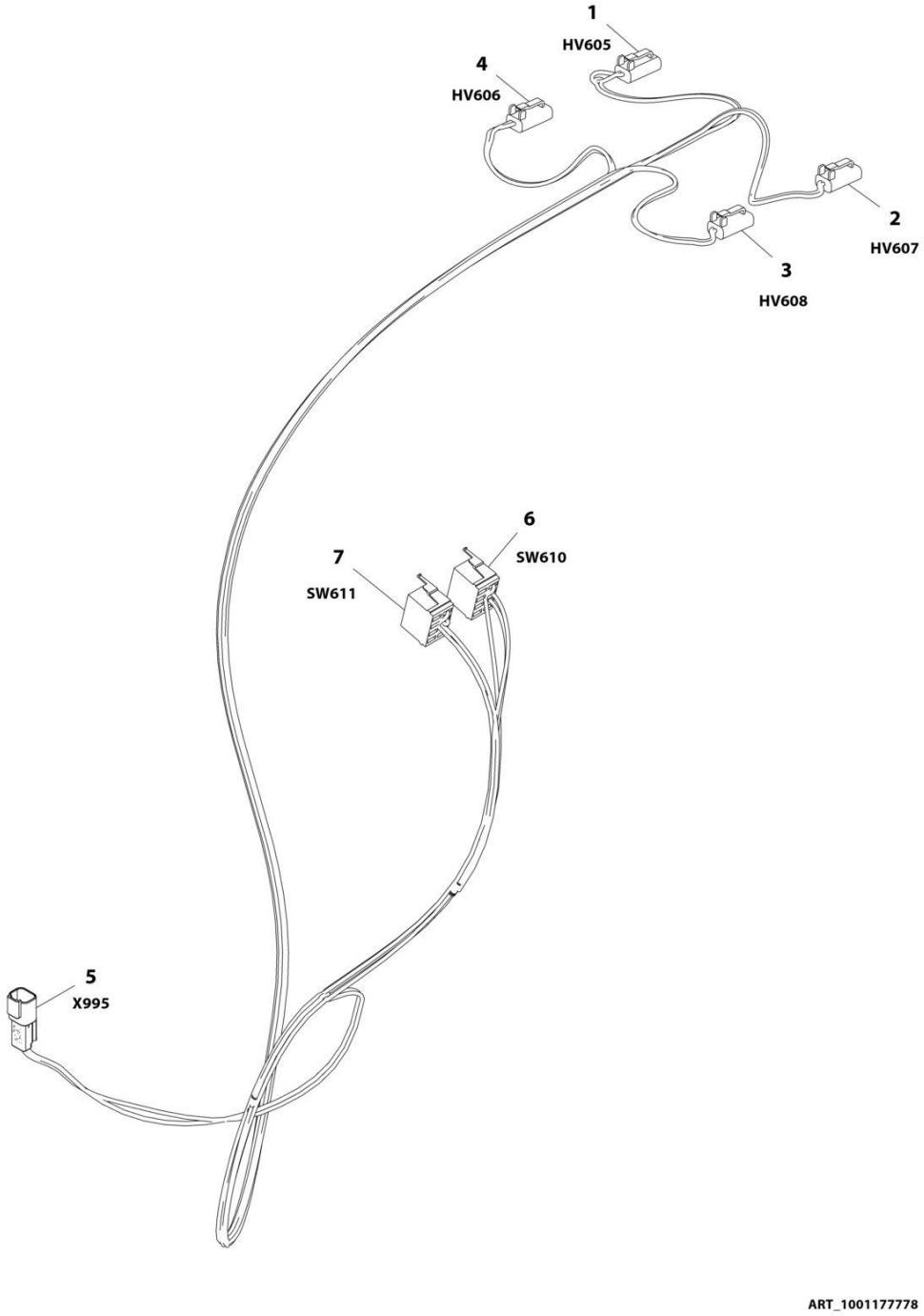


FIGURE 10-51. OUTRIGGER HARNESS (10042,10054)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177778	Ref	Outrigger Harness	D
1	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
2	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
3	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
4	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
5	4460897	1	Connector	
	80604017	1	Lock, Wedge	
	4460464	1	Terminal	
	4460941	1	Terminal	
6	8220904	1	Connector	
	4460419	5	Terminal	
7	8220904	1	Connector	
	4460419	5	Terminal	

FIGURE 10-52. RELAY PANEL INSTALLATION

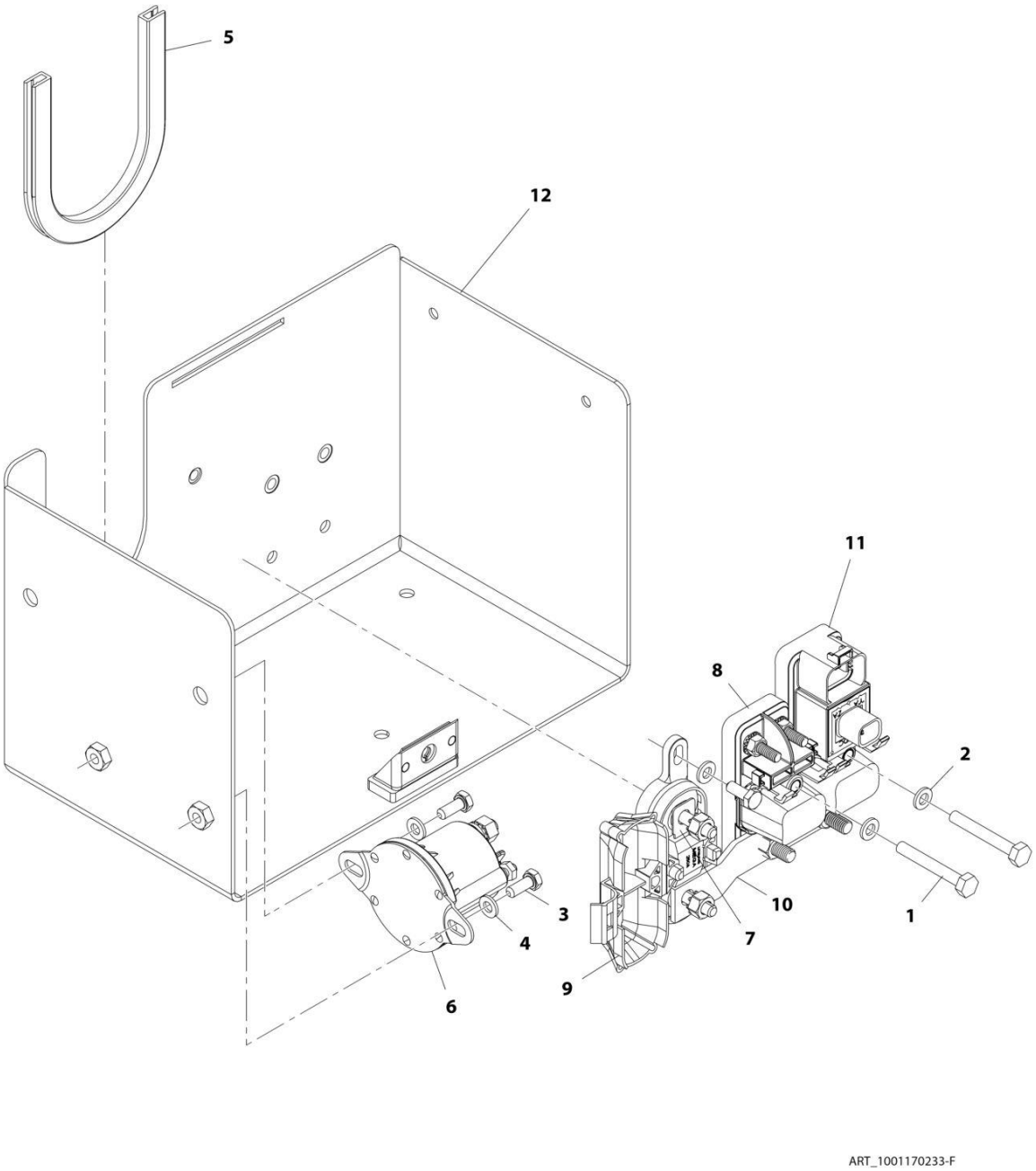


FIGURE 10-52. RELAY PANEL INSTALLATION

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 10-53. RELAY PANEL COVER INSTALLATION

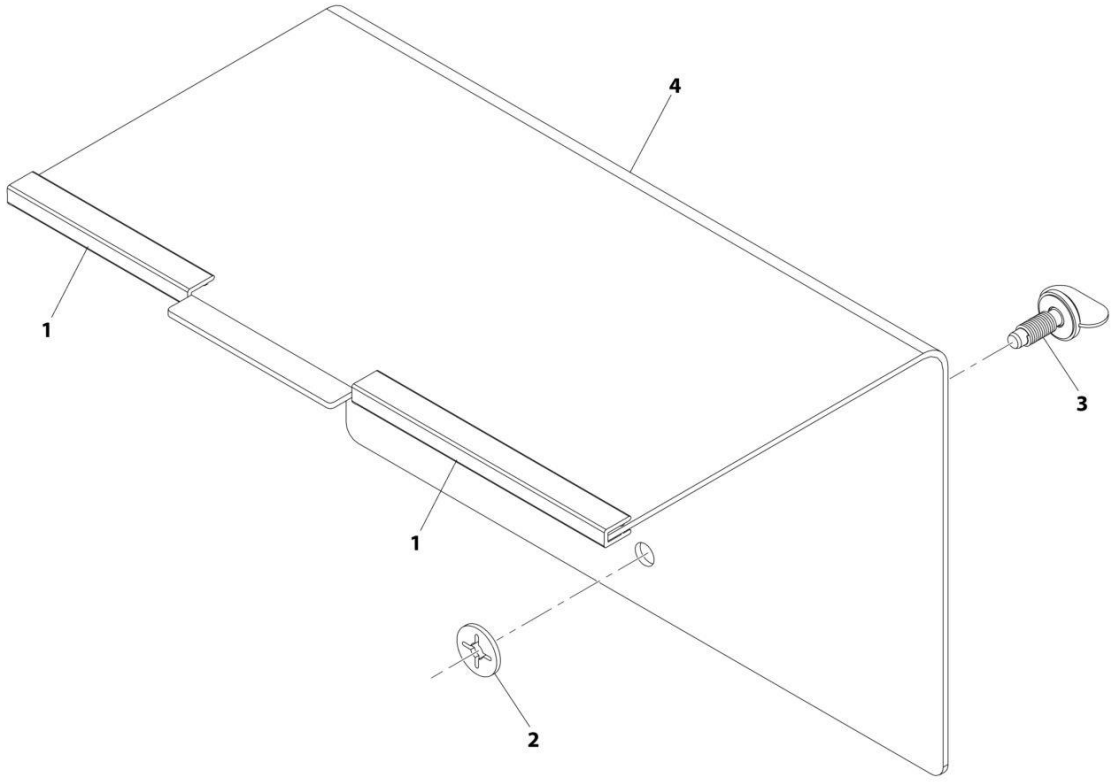


FIGURE 10-53. RELAY PANEL COVER INSTALLATION

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 10-54. REVERSE SENSING SYSTEM INSTALLATION

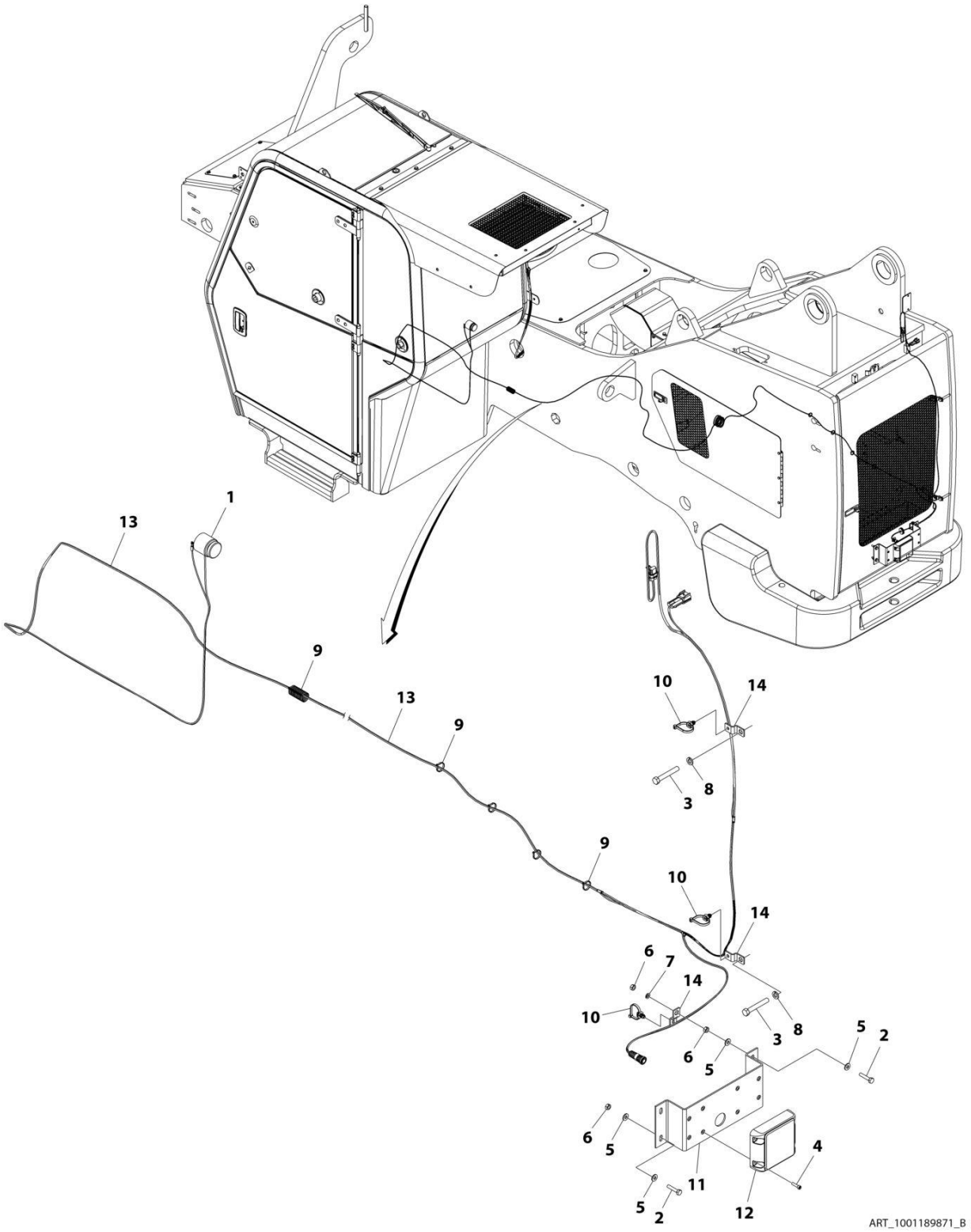


FIGURE 10-54. REVERSE SENSING SYSTEM INSTALLATION

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 10-55. REVERSE SENSING HARNESS

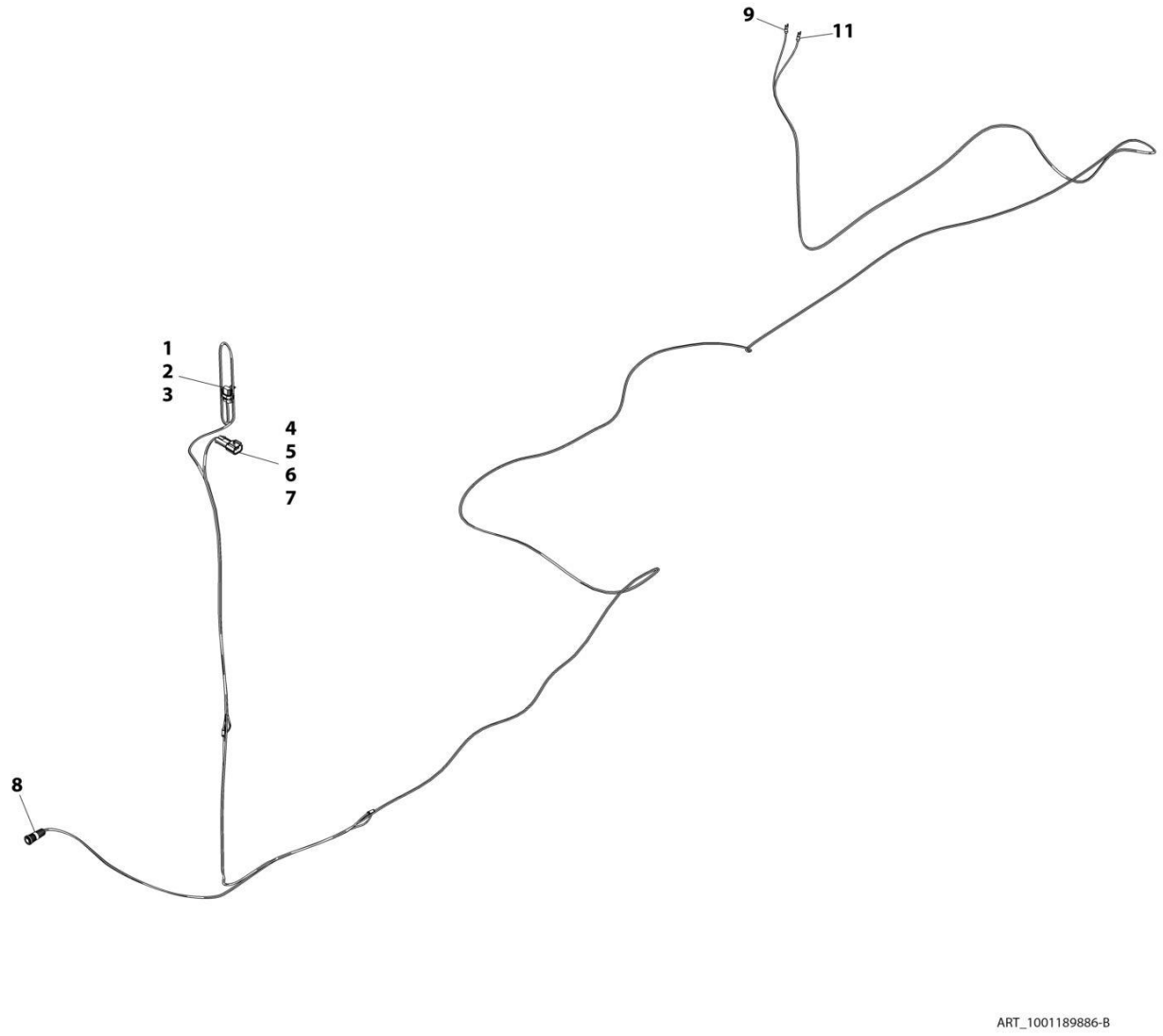


FIGURE 10-55. REVERSE SENSING HARNESS

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 10-56. TANK BLANKET INSTALLATION

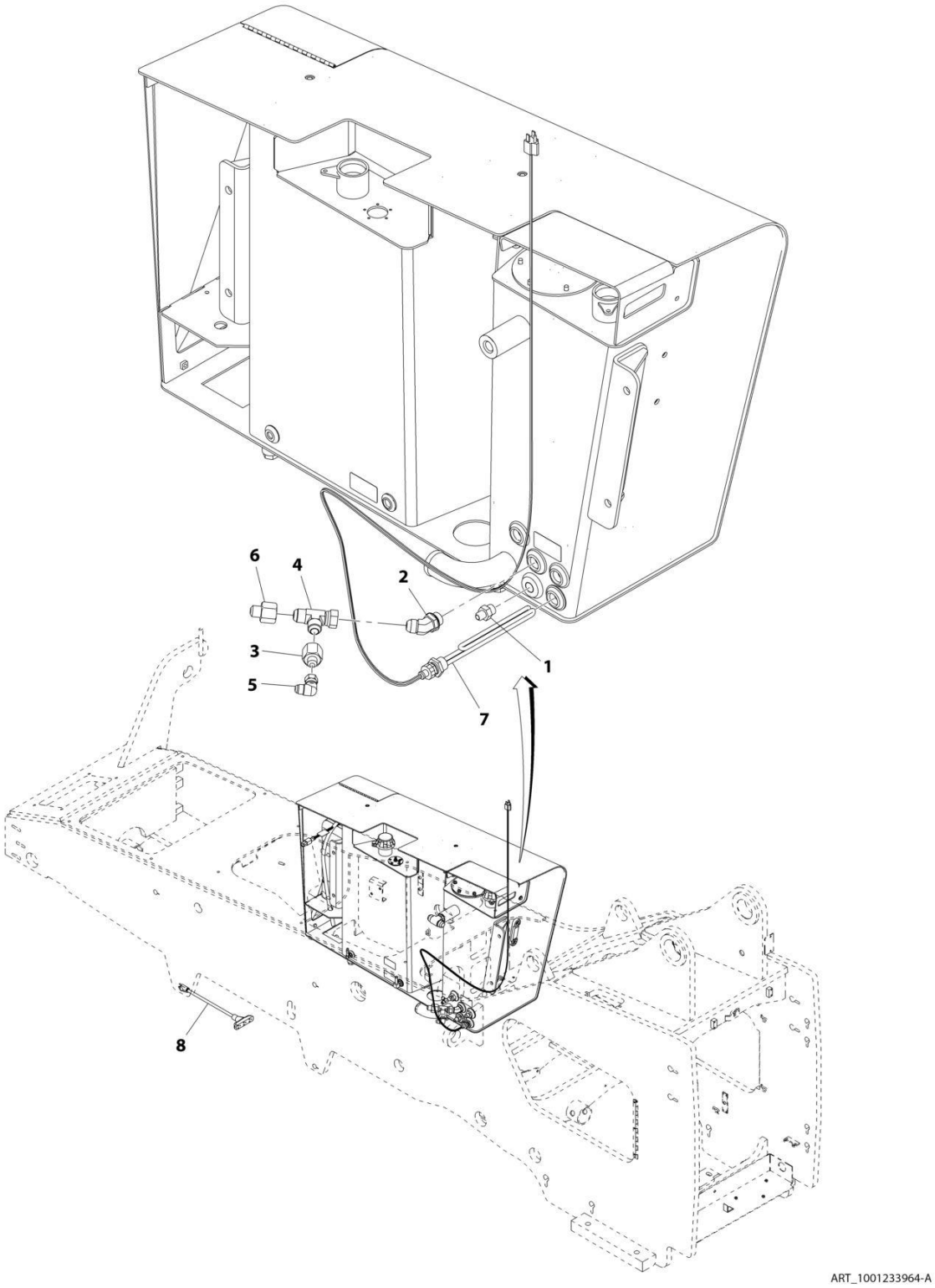


FIGURE 10-56. TANK BLANKET INSTALLATION

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 10-57. TBAP HARNESS

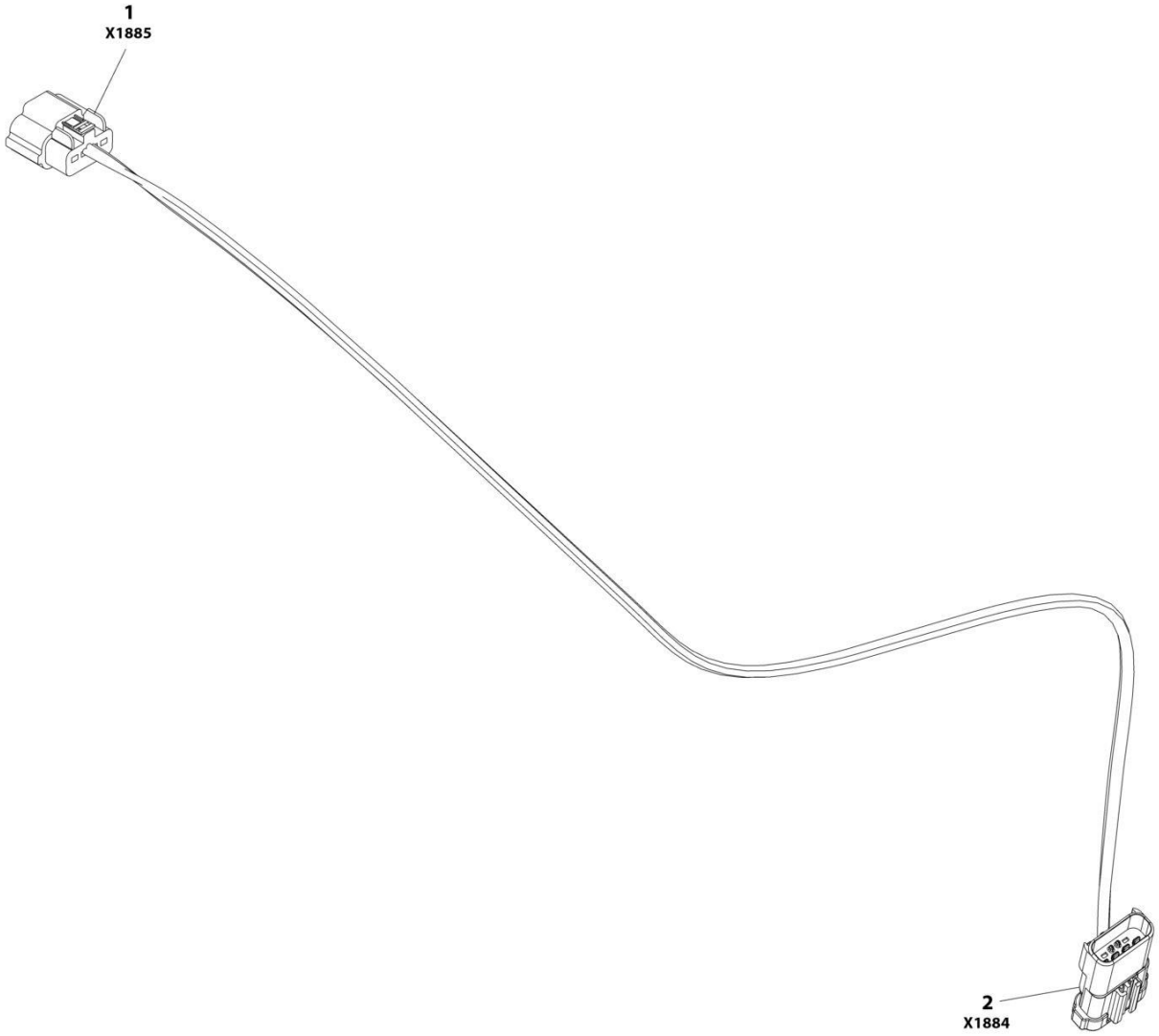


FIGURE 10-57. TBAP HARNESS

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 10-58. WIPER HARNESS

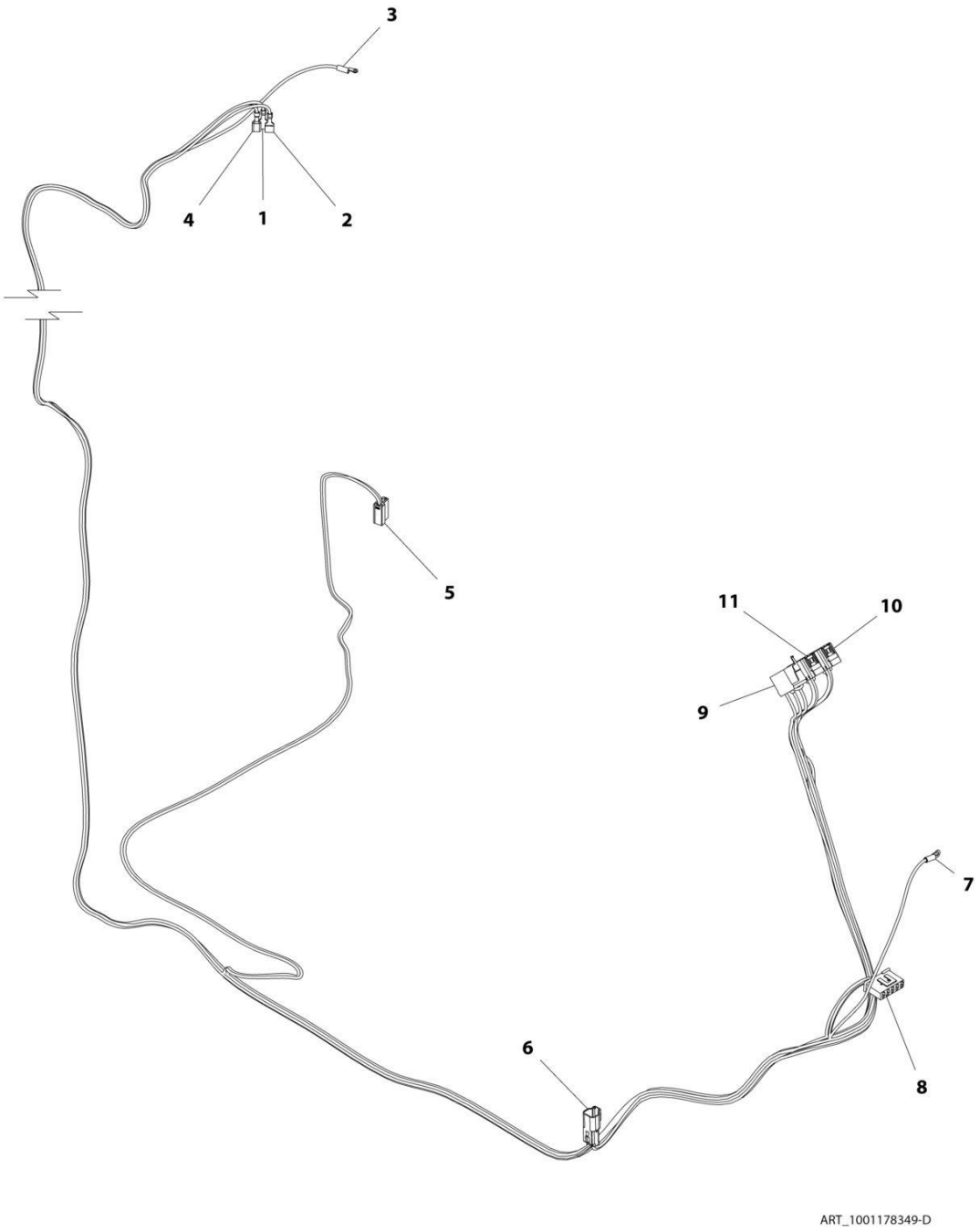


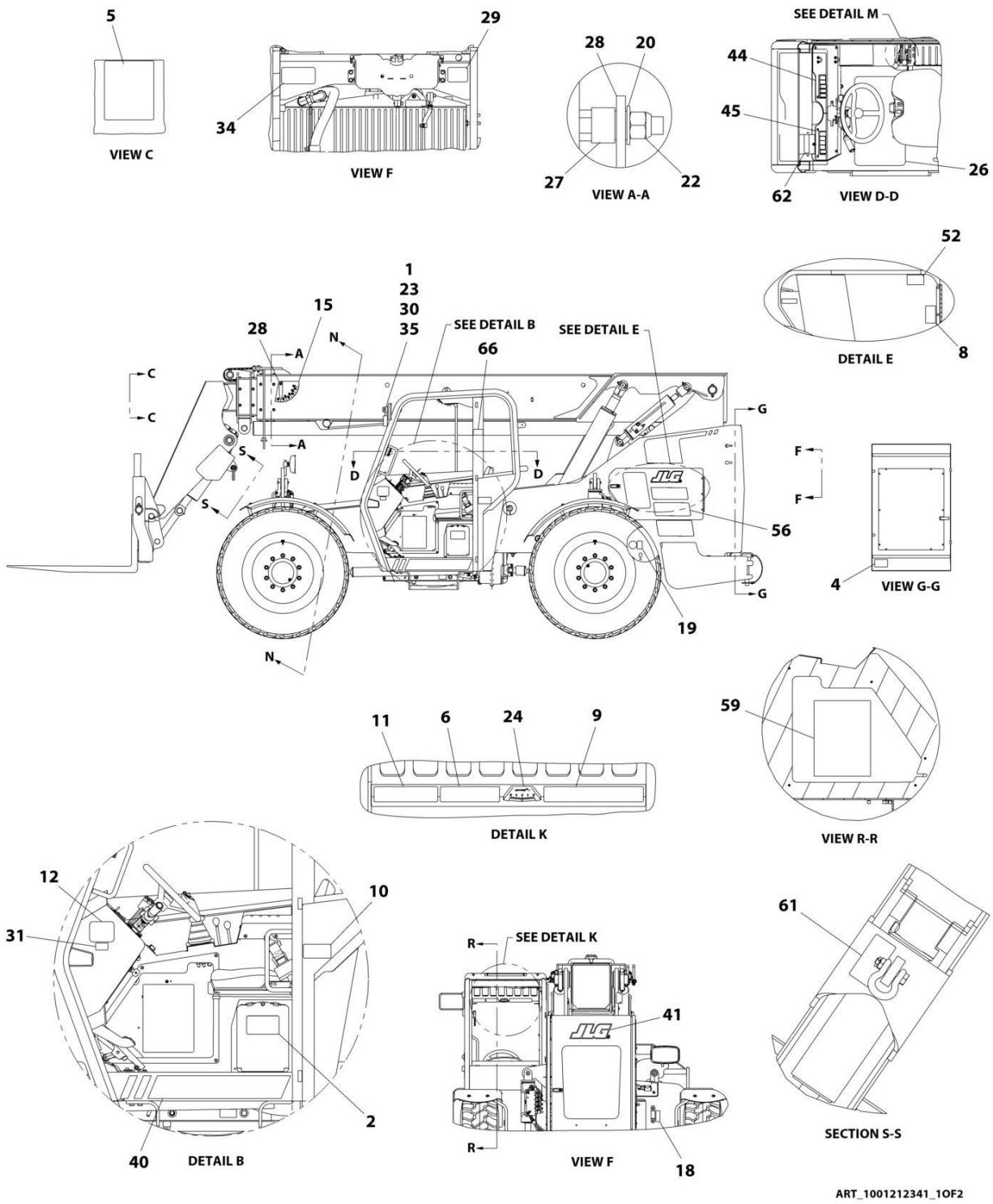
FIGURE 10-58. WIPER HARNESS

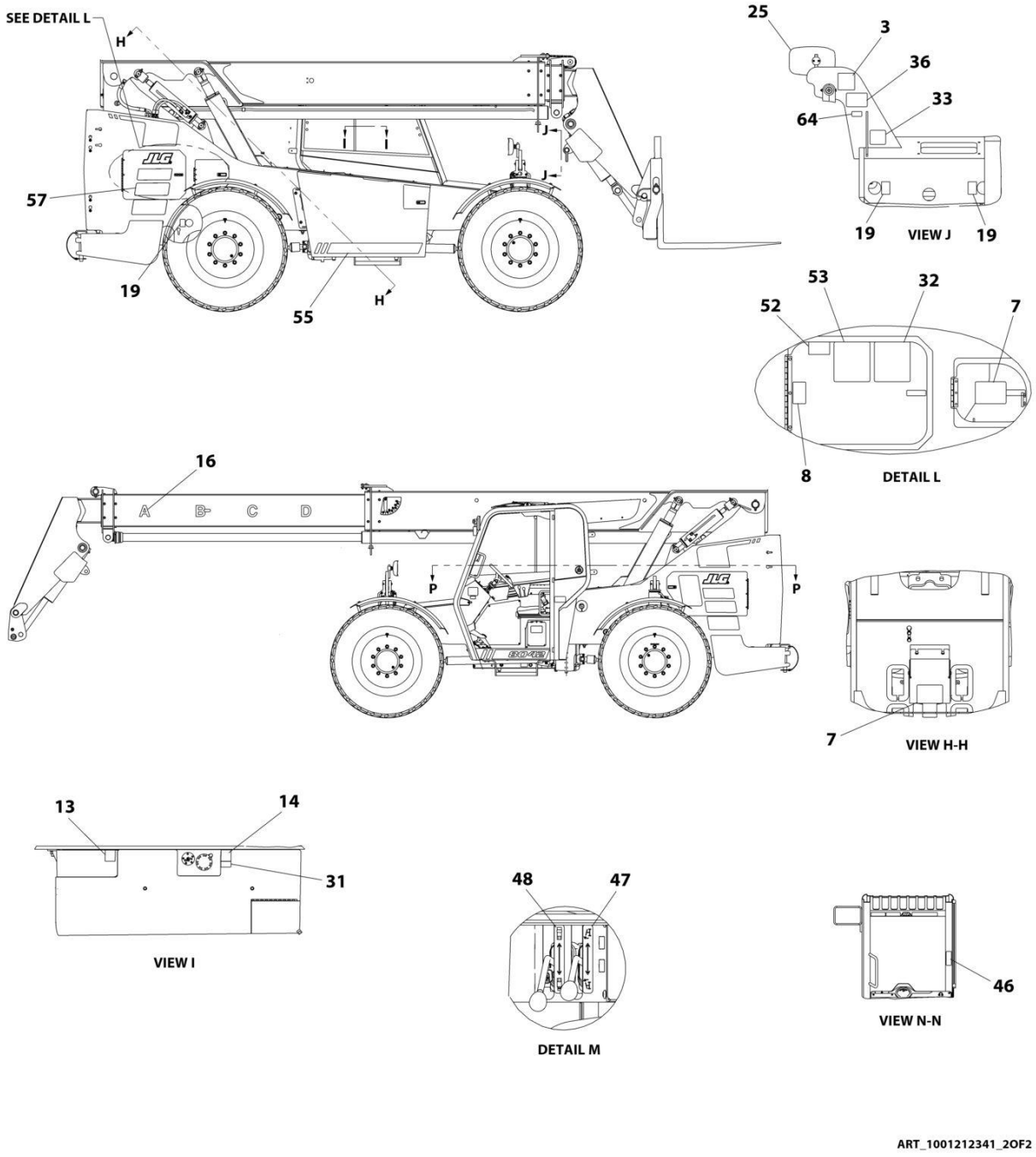
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178349	Ref	Wiper Harness	D
1	8220051	1	Terminal	
2	8220051	1	Terminal	
3	8220035	1	Terminal, Ring	
4	8220051	1	Terminal	
5	4460994	1	Housing, Terminal	
	1001169816	2	Terminal	
6	4460897	1	Connector	
	80604017	1	Lock, Wedge	
	4460464	2	Terminal	
7	8220007	1	Terminal, 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) (PVC1911) (8042)




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SECTION 11 - DECALS

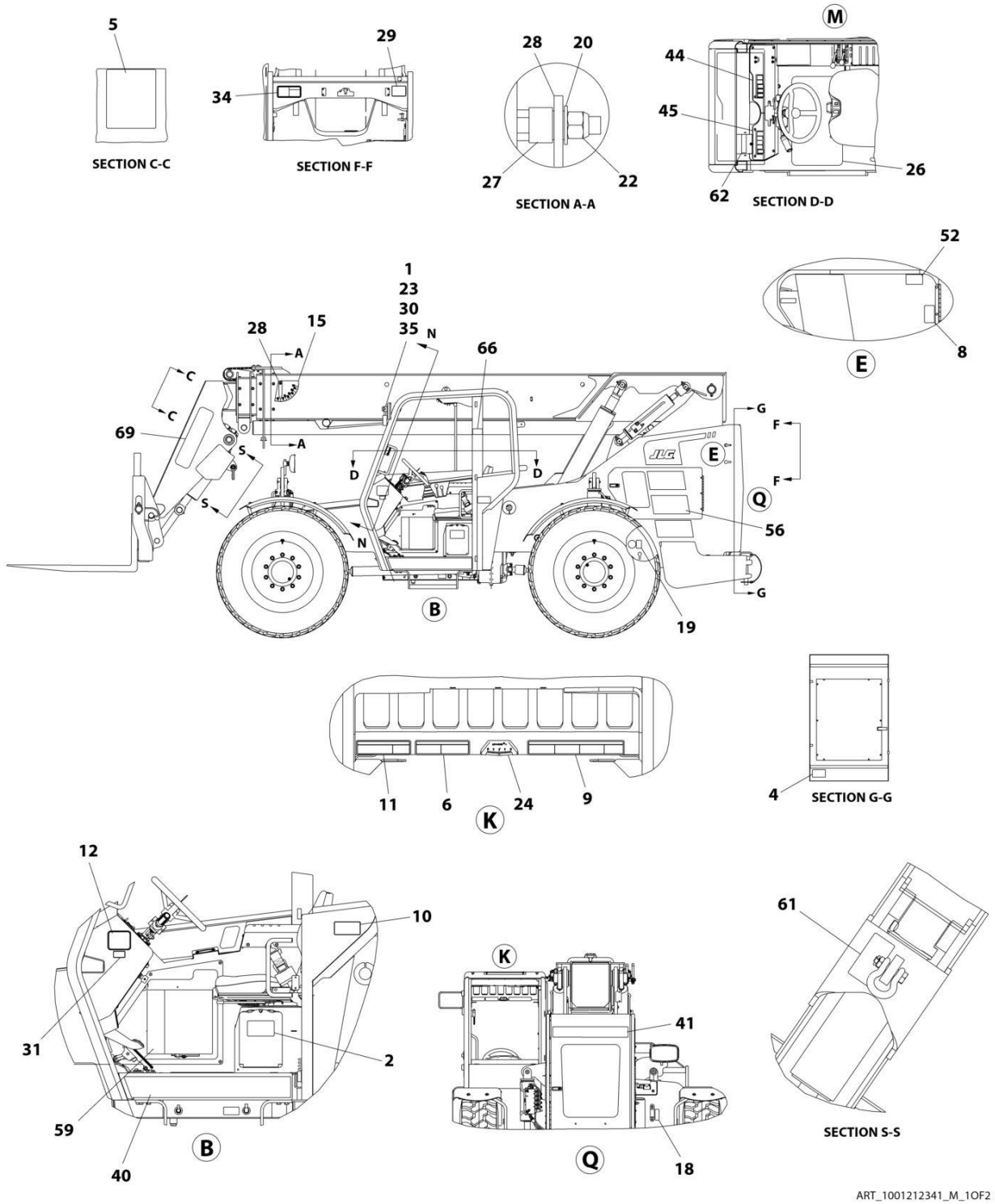
FIGURE 11-1. DECALS INSTALLATION 74HP (ANSI SPECS) (PVC1911) (8042)

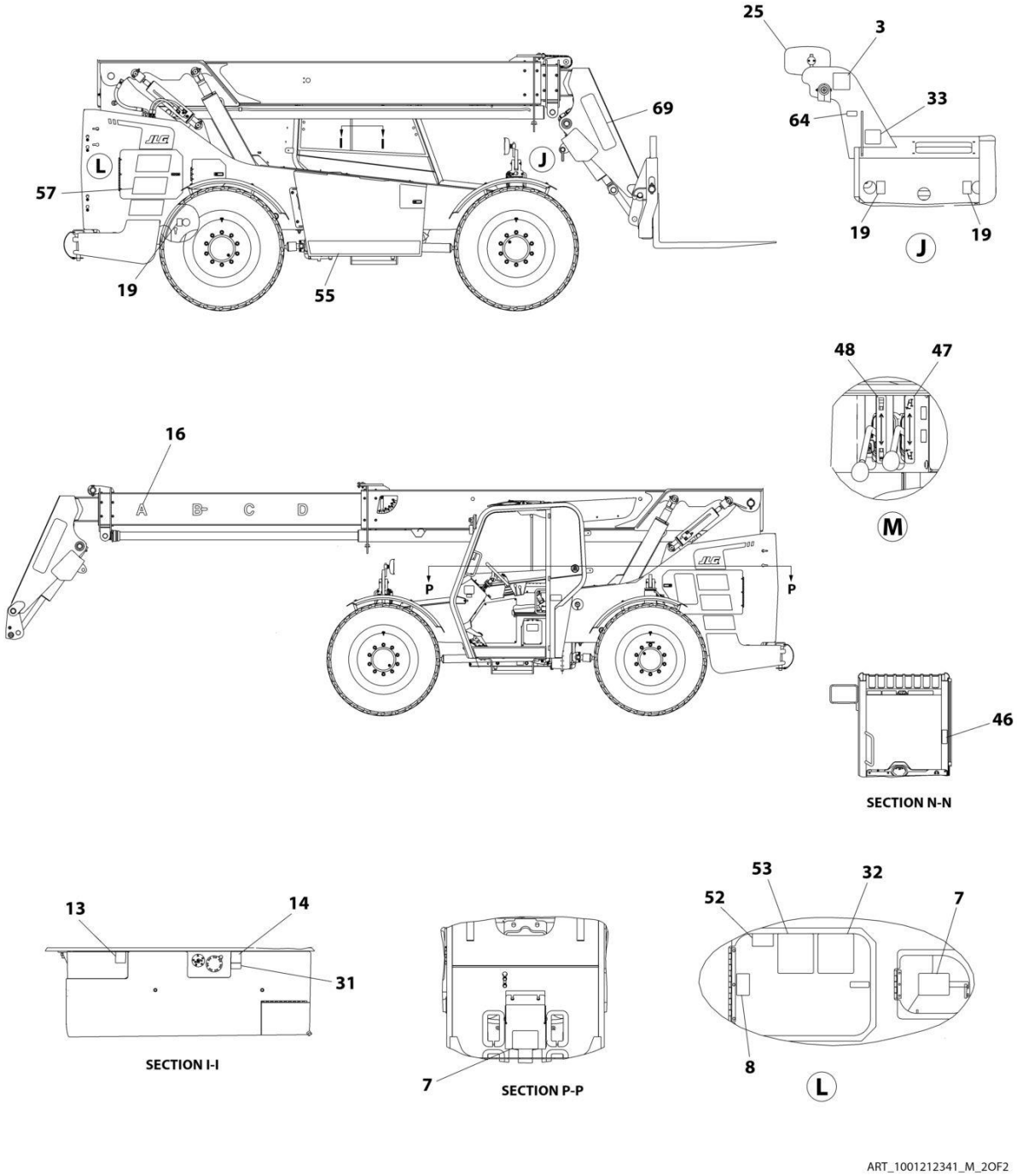
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212341	Ref	Decal Installation (ANSI) 74HP	I
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1706296	1	Decal, Battery Warning (ANSI)	
5	1706298	1	Decal, Carry Personnel	
6	1706299	1	Decal, Contacting Power Lines Warning	
7	1706300	2	Decal, Ether Warning	
8	1706301	2	Decal, Keep Clear of Rotating Parts Warning	
9	1706306	1	Decal, Tip Over Warning	
10	1706768	1	Decal, No Riders	
11	1706850	1	Decal, Crush Hazard Warning	
12	3251813	1	Decal, USA	
13	4100181	1	Decal, Hydraulic Oil Fill	
14	1001189017	1	Decal, Diesel Fuel Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer, 3/8	
22	8305645	1	Nut, Lock 3/8-16	
23	8307024	2	Washer, Lock M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror, RH	
26	10139087	1	Safety Tread, Adhesive	
27	1001096404	1	Sleeve, Angle Indicator Spacer	
28	1001098769	1	Plate, Boom Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001125387	2	Decal, Ultra Low Sulfur Fuel	
32	1001191994	1	Decal, Lubrication Chart (8042)	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001139578	1	Decal, Hot Fluid Warning	
35	1001148177	1	Mirror, Rectangular	
36	N.S.S.	1	S/N Plate	
40	1001157614	1	Decal, Cab	
41	1001157274	1	Decal, Rear Door JLG Logo	
44	1001158272	1	Decal, RH Overlay	
45	1001158319	1	Decal, LH Overlay	
46	1001162734	1	Decal, Joystick Control	
47	1001162735	1	Decal, Sway Control	
48	1001162736	1	Decal, Auxiliary Control	
52	1001202626	2	Decal, 74HP	
53	1001202627	1	Decal, Maintenance Charts	
55	1001179353	1	Decal Tank	
56	1001179380	1	Decal, LH Rear Frame Stripe	
57	1001179381	1	Decal, RH Rear Frame Stripe	
59	1001189327	1	Decal, Main Fuse Panel	
61	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	

SECTION 11 - DECALS

FIGURE 11-2. DECALS INSTALLATION 74HP (ANSI SPECS) (PVC2005) (8042)





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SECTION 11 - DECALS

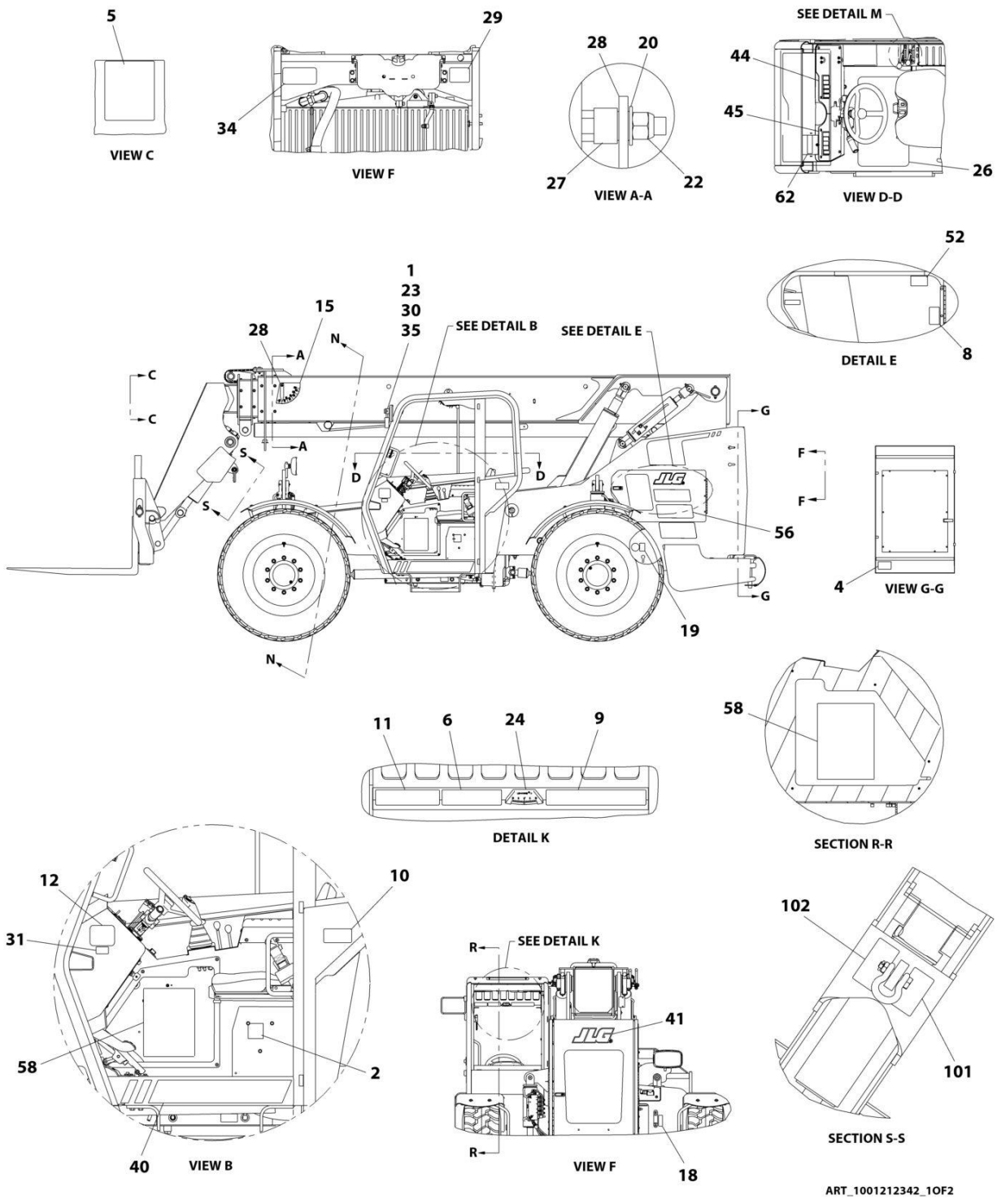
FIGURE 11-2. DECALS INSTALLATION 74HP (ANSI SPECS) (PVC2005) (8042)

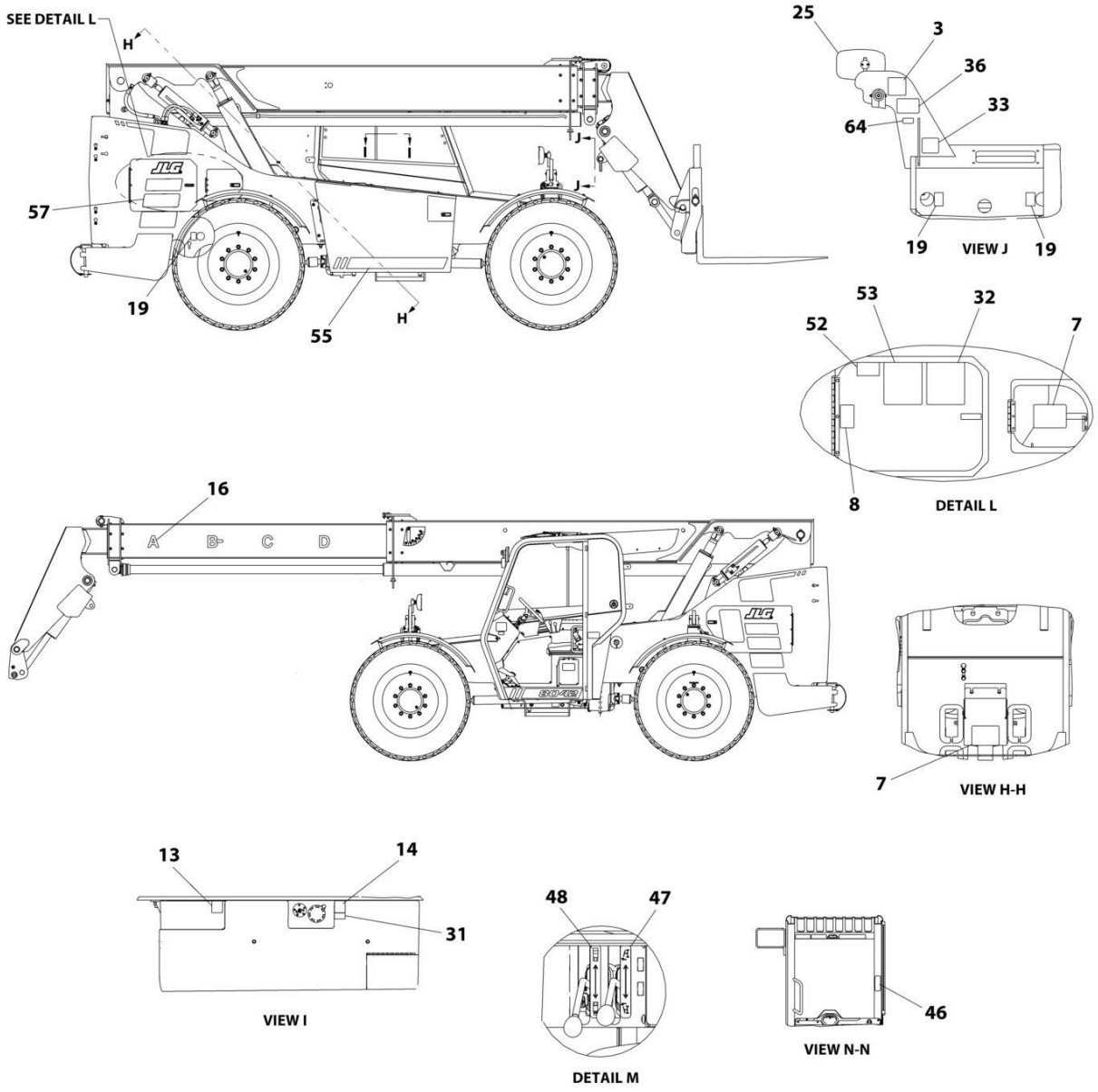
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212341	Ref	DECALS INSTALLATION (ANSI) 74HP	M
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1706296	1	Decal, Battery Warning (ANSI)	
5	1706298	1	Decal, Carry Personnel	
6	1706299	1	Decal, 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	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer 3/8	
22	8305645	1	Nut 3/8	
23	8307024	2	Washer M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror, RH	
26	10139087	1	Safety Tread, Adhesive	
27	1001096404	1	Sleeve, Angle Indicator Spacer	
28	1001098769	1	Plate, Boom Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001125387	2	Decal, Ultra Low Sulfur Fuel	
32	1001191994	1	Decal, Lubrication Chart (8042)	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001139578	1	Decal, Hot Fluid Warning	
35	1001148177	1	Mirror, Rectangular	
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	
52	1001202626	2	Decal, 74HP	
53	1001202627	1	Decal, Maintenance Charts	
55	1001259303	1	Decal Tank Side	
56	1001259305	1	Decal, Left Side Stripe	
57	1001259306	1	Decal, RH Side Stripe	
59	1001189327	1	Decal, Main Fuse Panel	
61	1001207217	1	Decal, Danger Swinging Load	
62	1001218659	1	Decal, Brake Fluid Spec	
64	1001223453	1	Decal, ICES (CAN)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
66	1001231801	1	Decal, Warning PROP 65 Diesel	
69	1001263591	2	Decal, Model Boom Head	

SECTION 11 - DECALS

FIGURE 11-3. DECALS INSTALLATION 74HP (ENGLISH/FRENCH SPECS) (PVC1911) (8042)




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DETAIL M
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SECTION 11 - DECALS

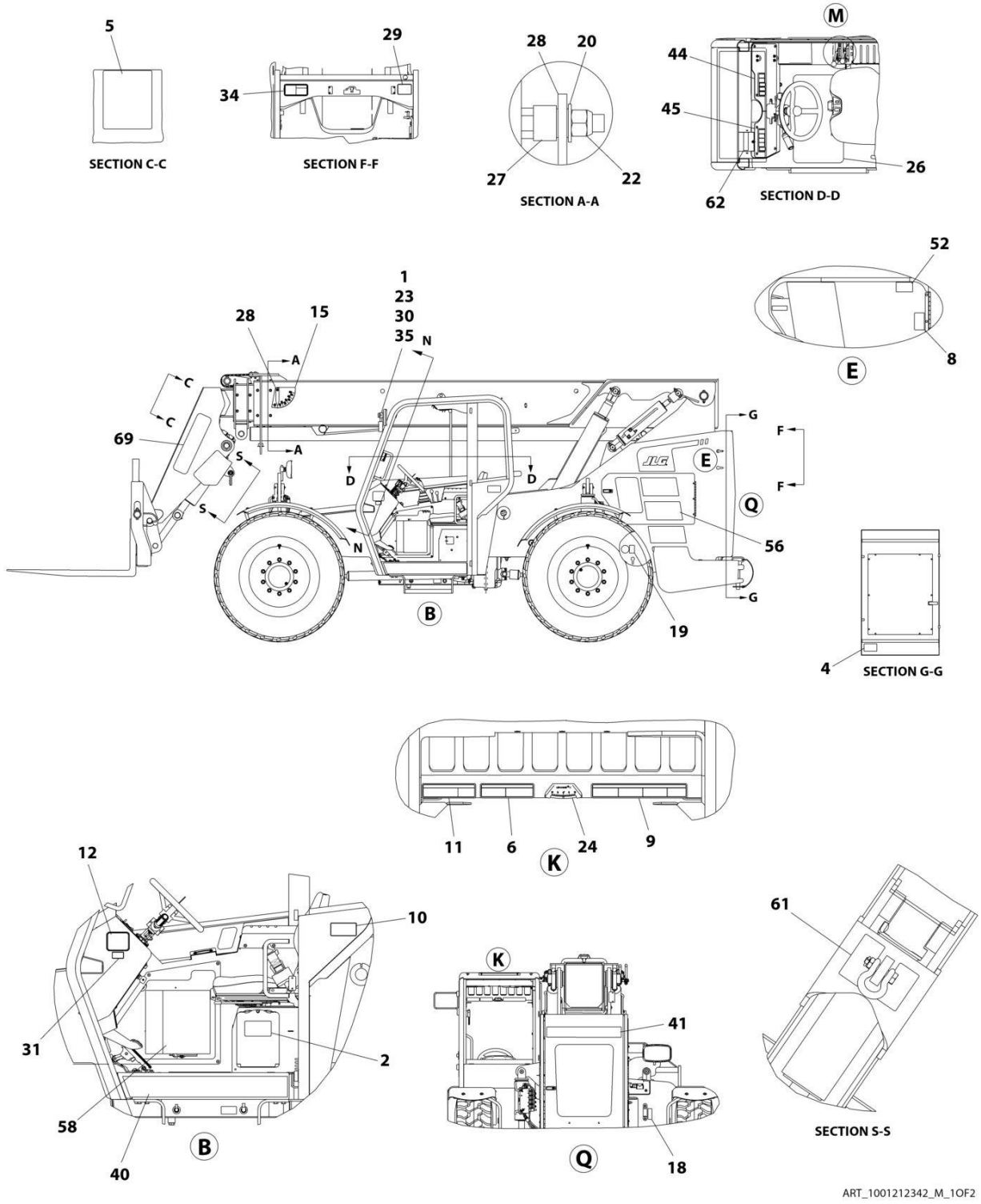
FIGURE 11-3. DECALS INSTALLATION 74HP (ENGLISH/FRENCH SPECS) (PVC1911) (8042)

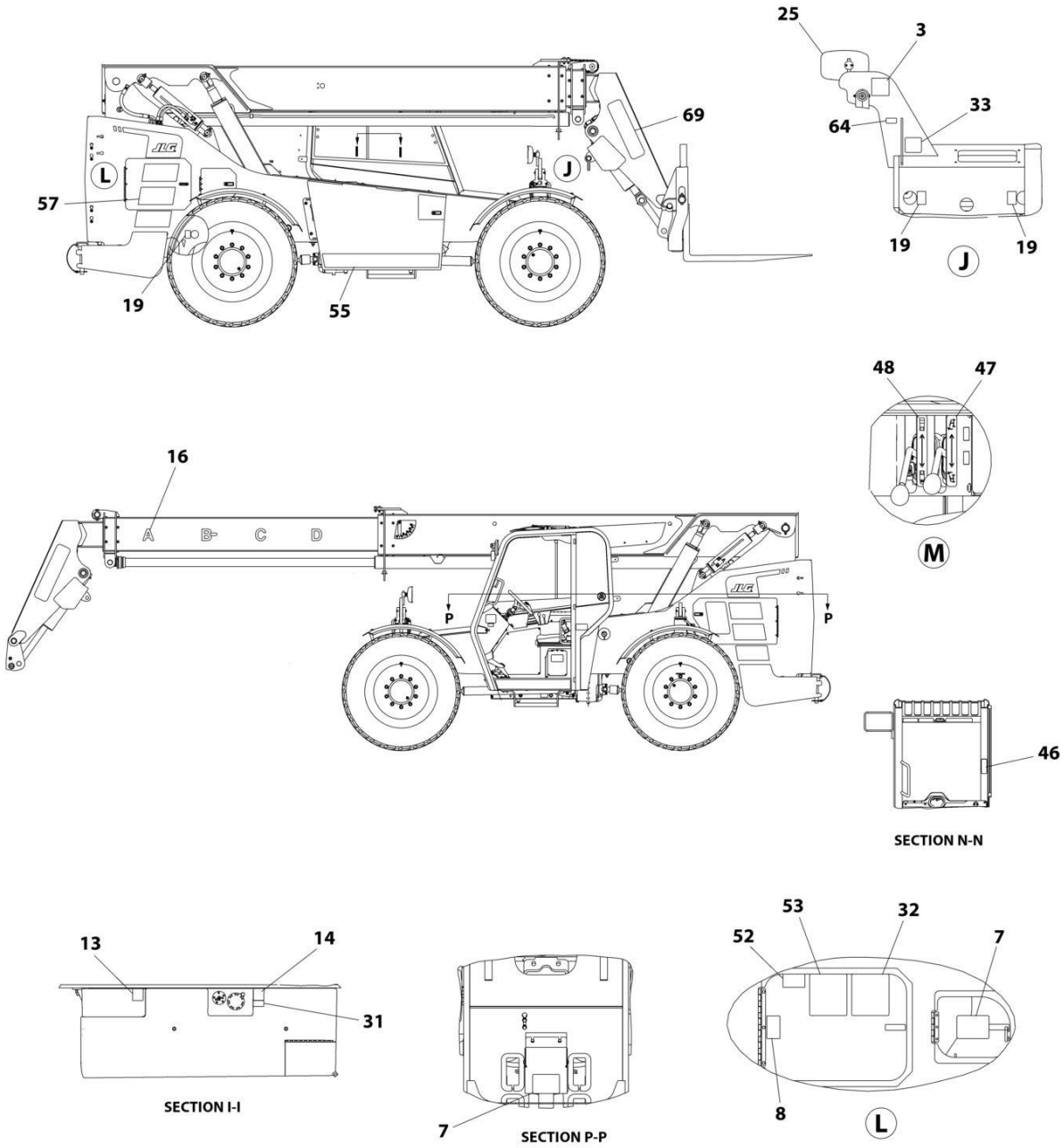
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212342	Ref	Decal Installation (ENGLISH/FRENCH) 74HP	J
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001163174	1	Decal, Battery Warning (CAN)	
5	1001163206	1	Decal, Carry Personnel (CAN)	
6	1001163210	1	Decal, Electrocution Hazard (CAN)	
7	1001163212	2	Decal, Ether Starting Warning (CAN)	
8	1001163222	2	Decal, Keep Clear of Rotating Parts Warning (CAN)	
9	1001163285	1	Decal, Tip Over Warning (CAN)	
10	1001163300	1	Decal, No Riders (CAN)	
11	1001163304	1	Decal, Crush Hazard Warning (CAN)	
12	3251813	1	Decal, USA	
13	4100181	1	Decal, Hydraulic Oil Fill	
14	1001189017	1	Decal, Diesel Fuel Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer, 3/8	
22	8305645	1	Nut, Lock 3/8	
23	8307024	2	Washer, Lock M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror, RH	
26	10139087	1	Tread, Safety	
27	1001096404	1	Sleeve, Angle Indicator Spacer	
28	1001098769	1	Plate, Boom Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001163355	2	Decal, Ultra Low Sulfur Fuel (CAN)	
32	1001191994	1	Decal, Lubrication Chart (8042)	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001163323	1	Decal, Hot Fluid Warning (CAN)	
35	1001148177	1	Mirror, Rectangular	
36	N.S.S.	1	S/N Plate	
40	1001157614	1	Decal, Cab (8042)	
41	1001157274	1	Decal, Rear Door JLG Logo	
44	1001180175	1	Decal, RH Overlay	
45	1001180176	1	Decal, LH Overlay	
46	1001162734	1	Decal, Joystick Control	
47	1001162735	1	Decal, Sway Control	
48	1001162736	1	Decal, Auxiliary Control	
52	1001202626	2	Decal, 74HP	
53	1001202627	1	Decal, Maintenance Charts	
55	1001179353	1	Decal Tank (8042)	
56	1001179380	1	Decal, LH Rear Frame Stripe	
57	1001179381	1	Decal, RH Rear Frame Stripe	
58	1001189327	1	Decal, Main Fuse Panel	
62	1001219211	1	Decal, Brake Fluid Spec	
64	1001223453	1	Decal, ICES (CAN)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	1001210581	1	Decal, Danger Swing Load Boom Head	
102	1001210582	1	Decal, Capacity Rating Boom Head	

SECTION 11 - DECALS

FIGURE 11-4. DECALS INSTALLATION74HP (ENGLISH/FRENCH SPECS) (PVC2005) (8042)





ART_1001212342_M_2OF2

SECTION 11 - DECALS

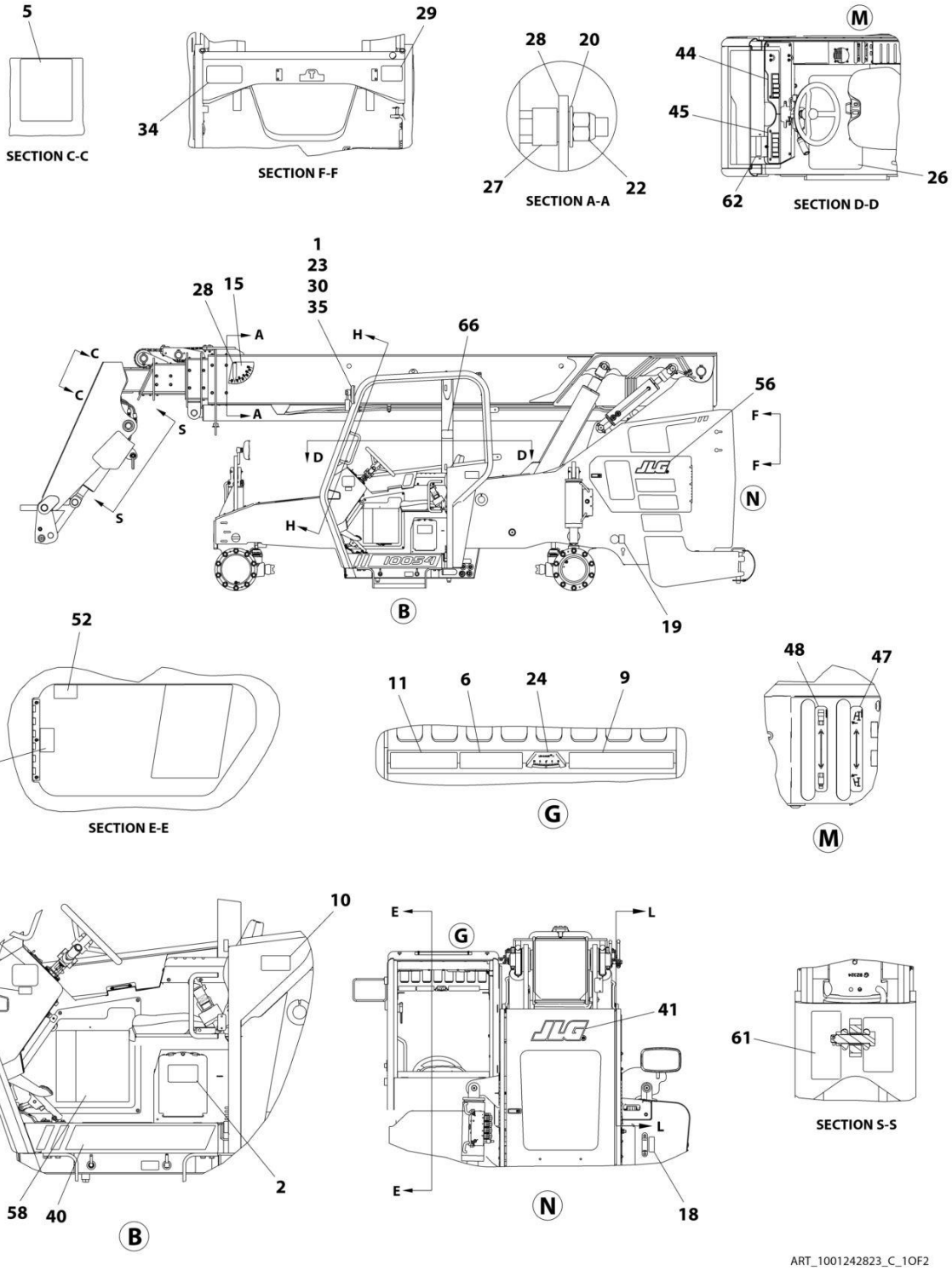
FIGURE 11-4. DECALS INSTALLATION 74HP (ENGLISH/FRENCH SPECS) (PVC2005) (8042)

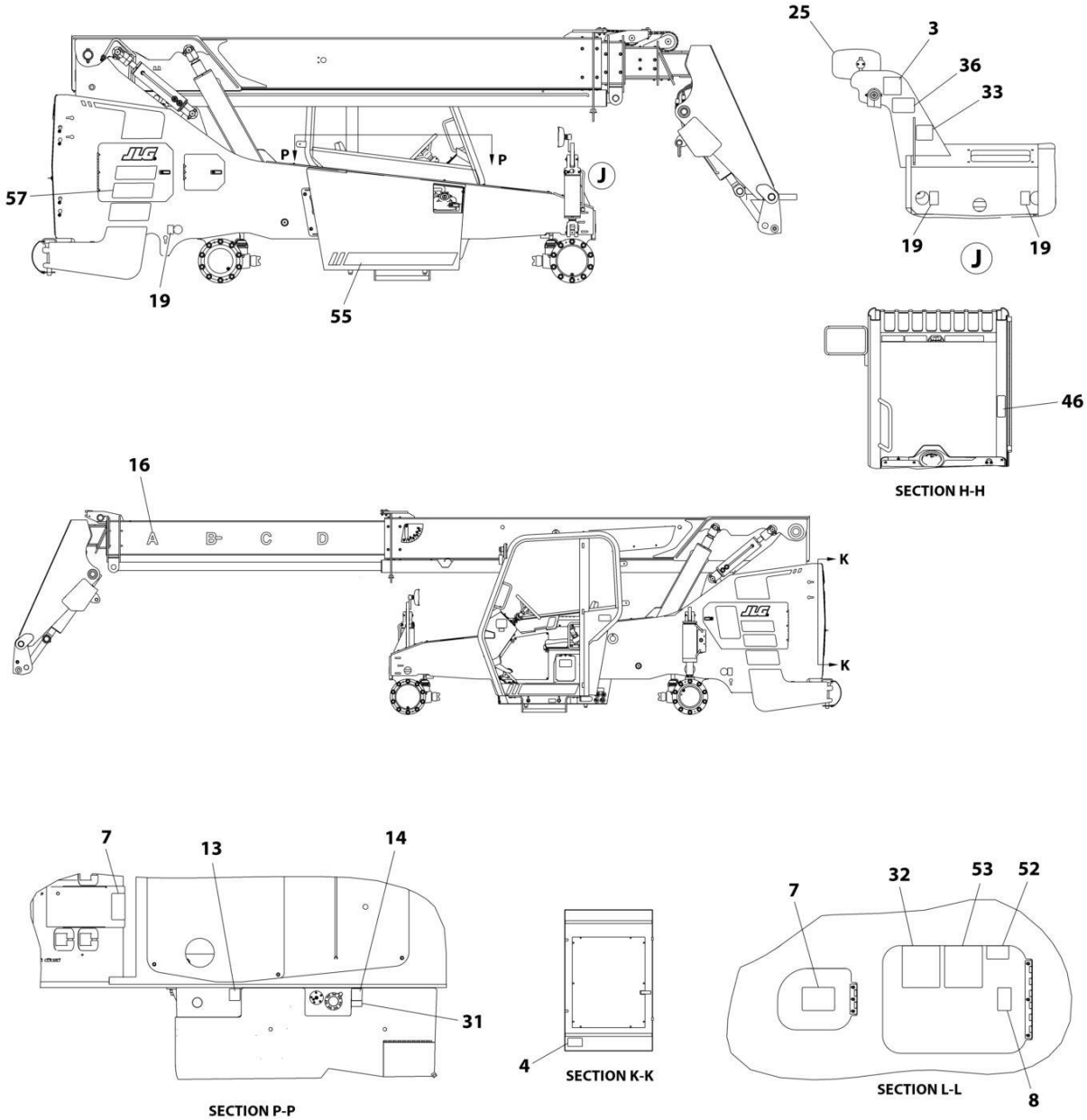
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212342	Ref	DECALS INSTALLATION (ENGLISH/FRENCH) 74HP	M
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001163174	1	Decal, Battery Warning (CAN)	
5	1001163206	1	Decal, Carry Personnel (CAN)	
6	1001163210	1	Decal, Electrocution Hazard (CAN)	
7	1001163212	2	Decal, Ether Starting Warning (CAN)	
8	1001163222	2	Decal, Keep Clear of Rotating Parts Warning (CAN)	
9	1001163285	1	Decal, Tip Over Warning (CAN)	
10	1001163300	1	Decal, No Riders (CAN)	
11	1001163304	1	Decal, Crush Hazard Warning (CAN)	
12	3251813	1	Decal, USA	
13	4100181	1	Decal, Hydraulic Oil Fill	
14	1001189017	1	Decal, Diesel Fuel Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer 3/8	
22	8305645	1	Nut 3/8	
23	8307024	2	Washer M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror, RH	
26	10139087	1	Tread, Safety	
27	1001096404	1	Sleeve, Angle Indicator Spacer	
28	1001098769	1	Plate, Boom Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001163355	2	Decal, Ultra Low Sulfur Fuel (CAN)	
32	1001191994	1	Decal, Lubrication Chart (8042)	
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	
52	1001202626	2	Decal, 74HP	
53	1001202627	1	Decal, Maintenance Charts	
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	
61	1001211278	1	Decal, Swinging Load Decal Kit (CAN)	
62	1001219211	1	Decal, Brake Fluid Spec	
64	1001223453	1	Decal, ICES (CAN)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
69	1001263591	2	Decal, Model Boom Head	

SECTION 11 - DECALS

FIGURE 11-5. DECALS INSTALLATION 74HP (ENGLISH/SPANISH SPECS) (PVC1911) (8042)




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SECTION 11 - DECALS

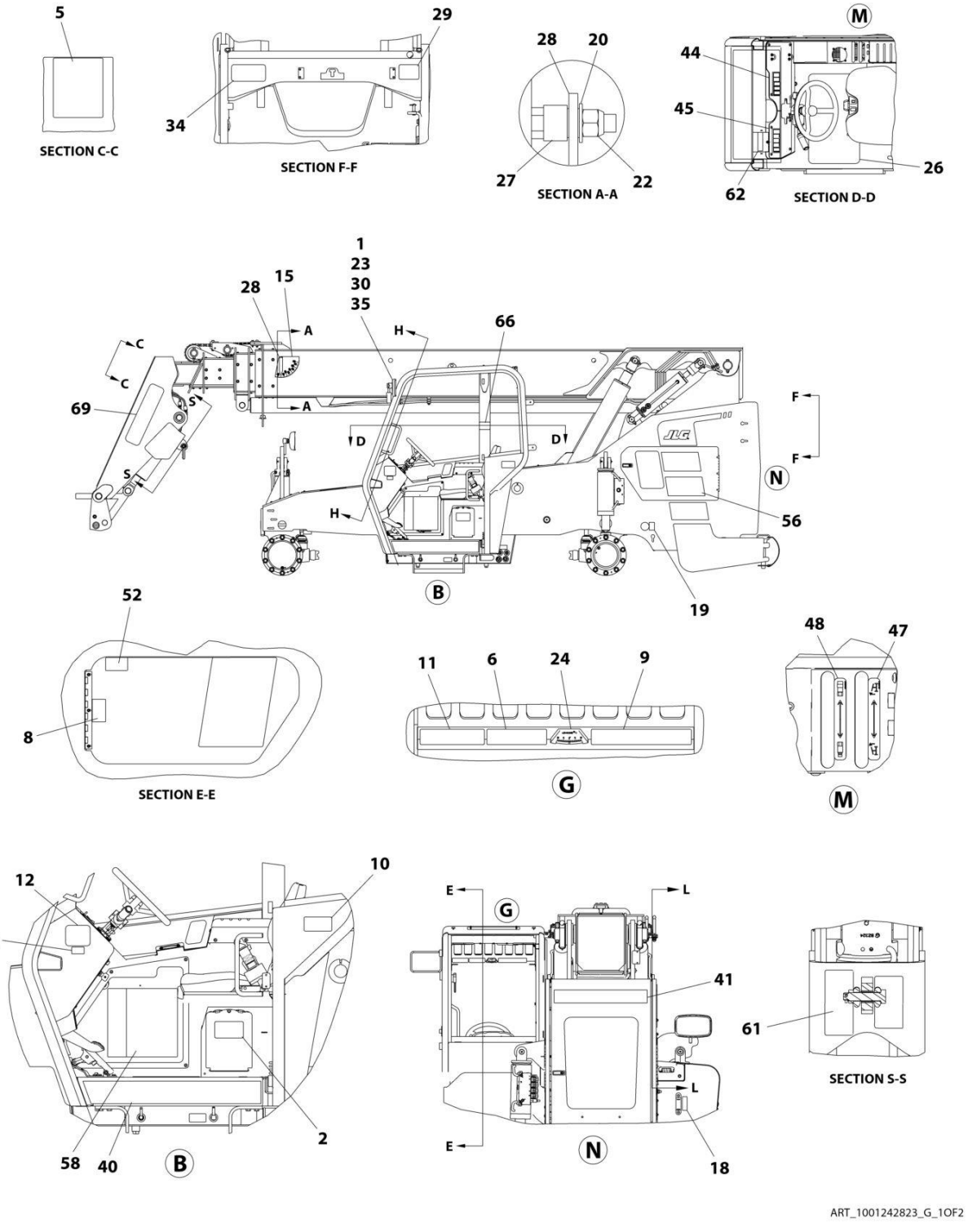
FIGURE 11-5. DECALS INSTALLATION 74HP (ENGLISH/SPANISH SPECS) (PVC1911) (8042)

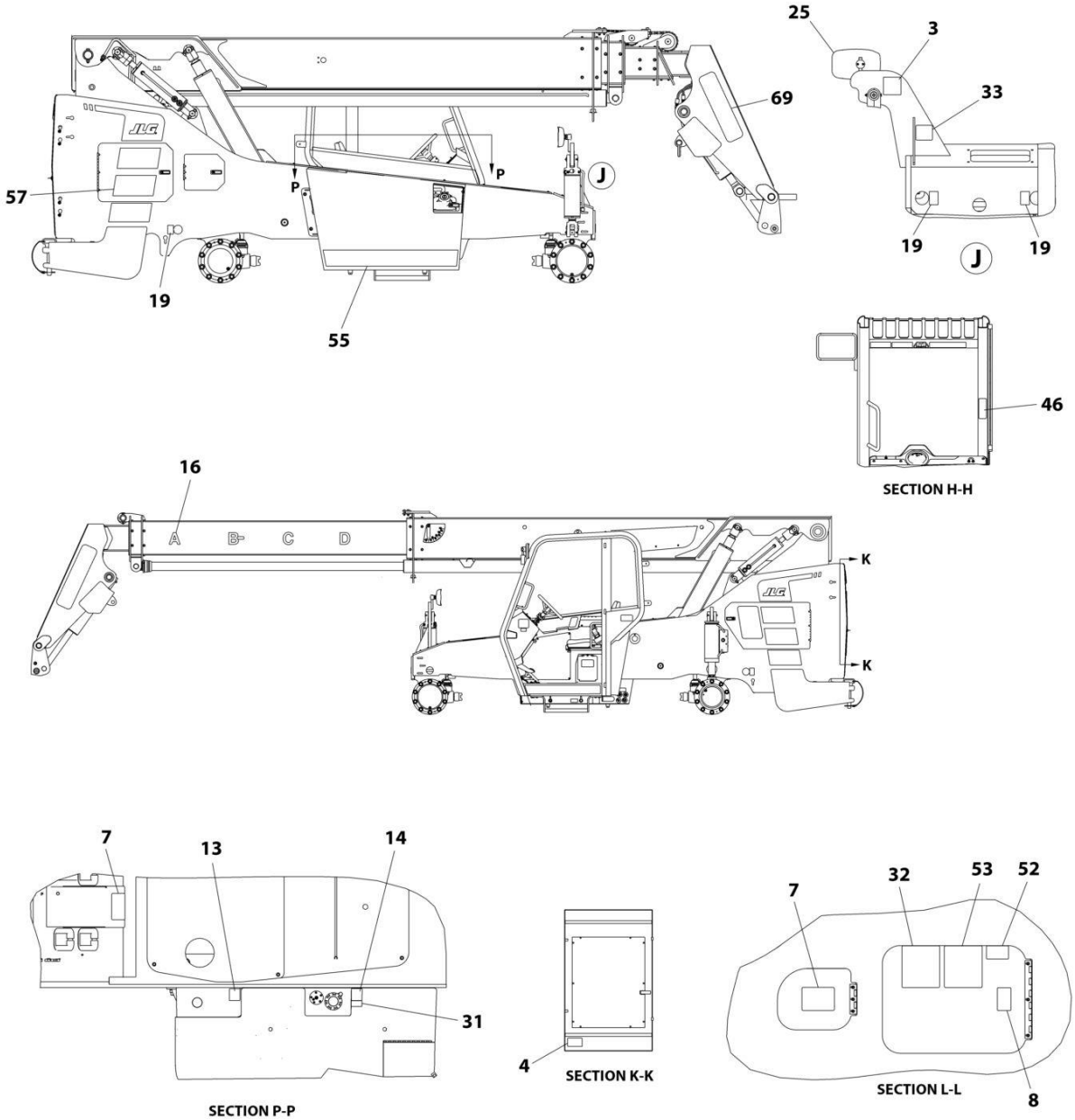
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242823	Ref	Decal Installation (ENG/SPAN) 74HP	C
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001235794	1	Decal, Battery Warning (SPAN)	
5	1001235796	1	Decal, Carry Personnel (SPAN)	
6	1001235797	1	Decal, Electrocution Hazard (SPAN)	
7	1001235798	2	Decal, No Ether Warning (SPAN)	
8	1001235799	2	Decal, Moving Parts (SPAN)	
9	1001235801	1	Decal, Tipover Warning (SPAN)	
10	1001235802	1	Decal, No Riders (SPAN)	
11	1001235803	1	Decal, Crush Hazard Warning (SPAN)	
12	3251813	1	Decal, USA	
13	4100181	1	Decal, Hydraulic Oil Fill	
14	1001189017	1	Decal, Diesel Fuel Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer, 3/8	
22	8305645	1	Nut, Lock 3/8	
23	8307024	2	Washer, Lock M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror, RH	
26	10139087	1	Tread, Safety	
27	1001096404	1	Sleeve, Angle Indicator Spacer	
28	1001098769	1	Plate, Boom Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001235804	2	Decal, Ultra Low Sulfur Fuel (SPAN)	
32	1001191994	1	Decal, Lubrication Chart	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001235805	1	Decal, Hot Fluid Warning (SPAN)	
35	1001148177	1	Mirror, Rectangular	
36	1001229575	1	Nameplate, Serial Number	
40	1001157614	1	Decal, Cab (8042)	
41	1001157274	1	Decal, Rear Door JLG Logo	
44	1001242172	1	Decal, RH Overlay (ENG/SPAN)	
45	1001242173	1	Decal, LH Overlay (ENG/SPAN)	
46	1001162734	1	Decal, Joystick Control	
47	1001162735	1	Decal, Sway Control	
48	1001162736	1	Decal, Auxiliary Control	
52	1001236313	2	Decal, MCO 74HP (SPAN)	
53	1001202627	1	Decal, Maintenance Chart	
55	1001179353	1	Decal, Tank (8042)	
56	1001179380	1	Decal, LH Rear Frame Stripe	
57	1001179381	1	Decal, RH Rear Frame Stripe	
58	1001189327	1	Decal, Main Fuse Panel	
61	1001246078	1	Decal, Danger Swinging Load (SPAN)	
62	1001219211	1	Decal, DEF Fluid	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
66	1001242179	1	Decal, Danger Swing Load Boom Head (SPAN)	

SECTION 11 - DECALS

FIGURE 11-6. DECALS INSTALLATION 74HP (ENGLISH/SPANISH SPECS) (PVC2005) (8042)





ART_1001242823_G_2OF2

SECTION 11 - DECALS

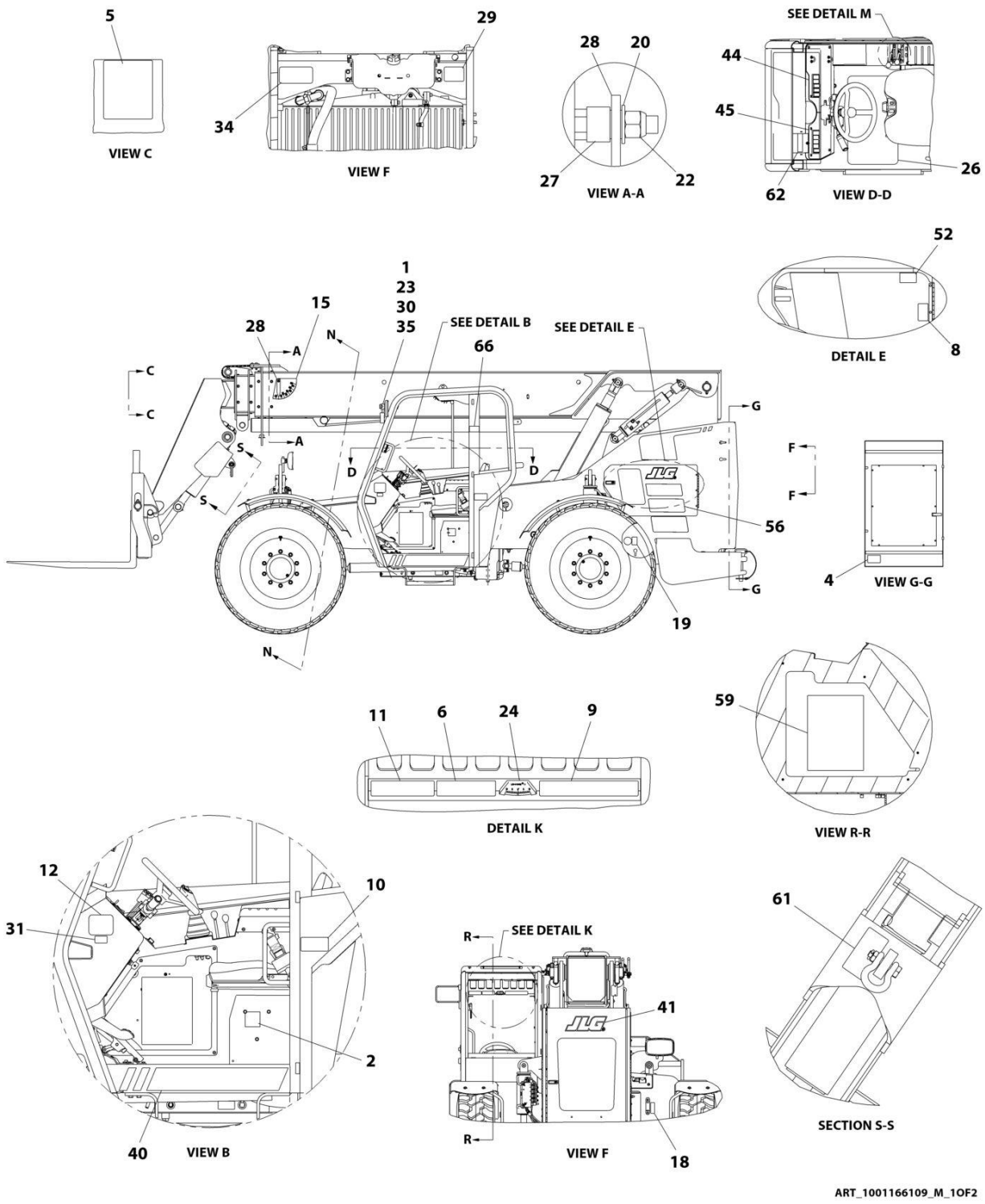
FIGURE 11-6. DECALS INSTALLATION 74HP (ENGLISH/SPANISH SPECS) (PVC2005) (8042)

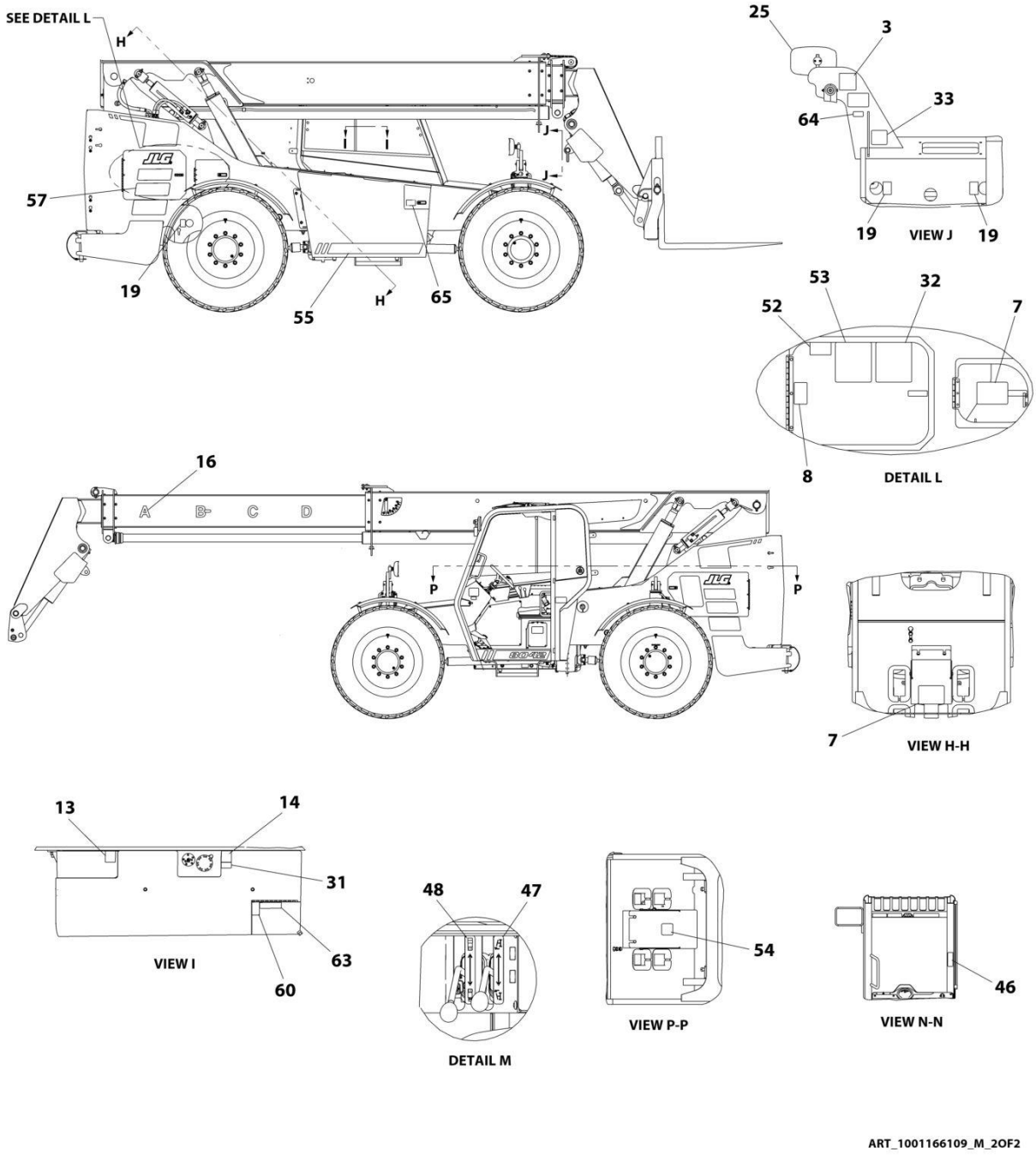
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242823	Ref	DECALS INSTALLATION (ENG/SPAN) 74HP	G
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001235794	1	Decal, Battery Warning (SPAN)	
5	1001235796	1	Decal, Carry Personnel (SPAN)	
6	1001235797	1	Decal, Electrocution Hazard (SPAN)	
7	1001235798	2	Decal, No Ether Warning (SPAN)	
8	1001235799	2	Decal, Moving Parts (SPAN)	
9	1001235801	1	Decal, Tipover Warning (SPAN)	
10	1001235802	1	Decal, No Riders (SPAN)	
11	1001235803	1	Decal, Crush Hazard Warning (SPAN)	
12	3251813	1	Decal, USA	
13	4100181	1	Decal, Hydraulic Oil Fill	
14	1001189017	1	Decal, Diesel Fuel Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer 3/8	
22	8305645	1	Nut 3/8	
23	8307024	2	Washer M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror, RH	
26	10139087	1	Tread, Safety	
27	1001096404	1	Sleeve, Angle Indicator Spacer	
28	1001098769	1	Plate, Boom Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001235804	2	Decal, Ultra Low Sulfur Fuel (SPAN)	
32	1001191994	1	Decal, Lubrication Chart	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001235805	1	Decal, Hot Fluid Warning (SPAN)	
35	1001148177	1	Mirror, Rectangular	
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	
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	
61	1001246078	1	Decal, Danger Swinging Load (SPAN)	
62	1001219211	1	Decal, DEF Fluid	
66	1001242179	1	Decal, Danger Swing Load Boom Head (SPAN)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
69	1001263591	2	Decal, Model Boom Head	

SECTION 11 - DECALS

FIGURE 11-7. DECALS INSTALLATION 110HP ULS (ANSI SPECS) (PVC1911) (8042)




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SECTION 11 - DECALS

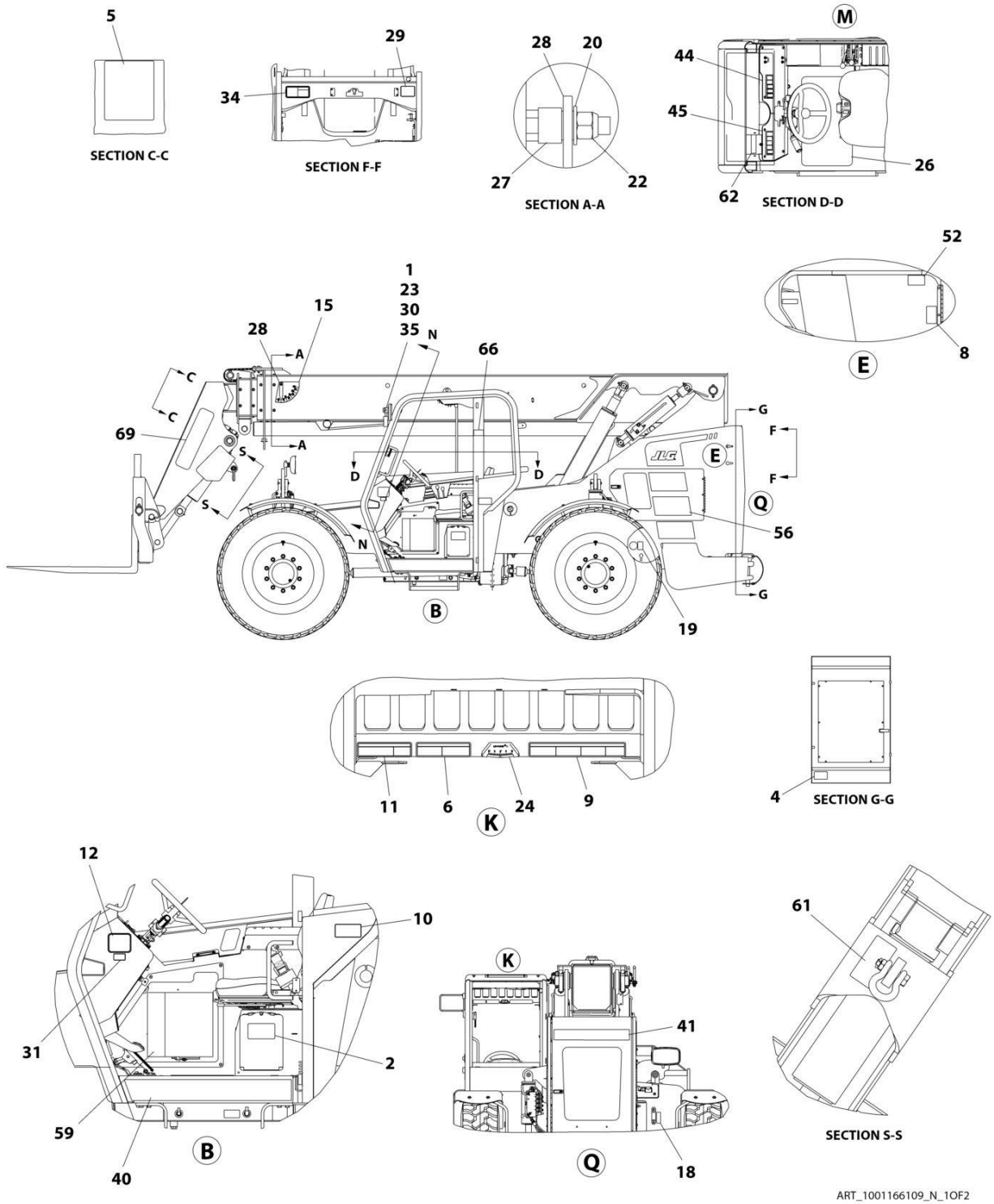
FIGURE 11-7. DECALS INSTALLATION 110HP ULS (ANSI SPECS (PVC1911) (8042)

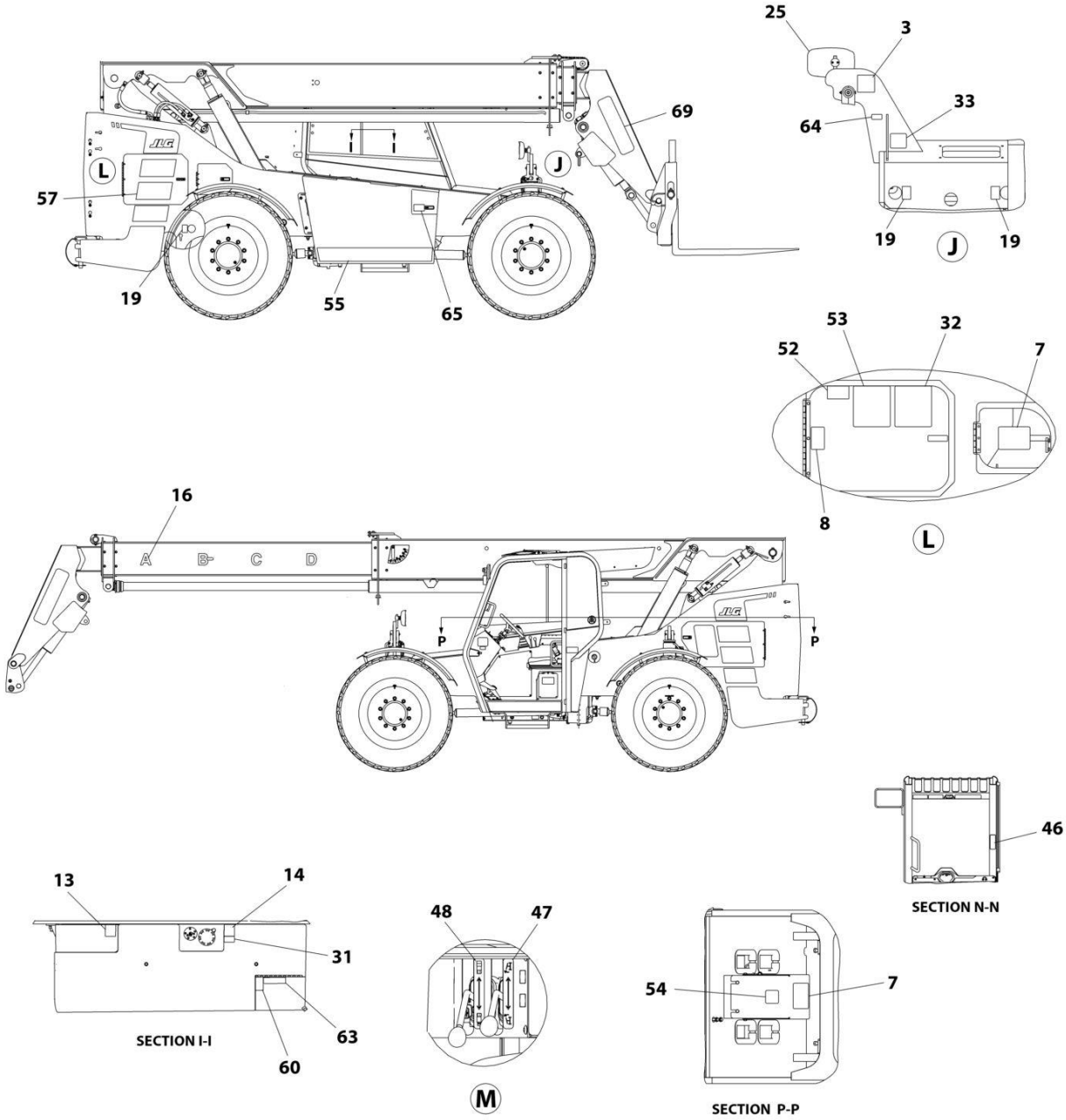
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166109	Ref	Decal Installation (ANSI)	M
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1706296	1	Decal, Battery Warning (ANSI)	
5	1706298	1	Decal, Carry Personnel	
6	1706299	1	Decal, Contacting Power Lines Warning	
7	1706300	2	Decal, Ether Warning	
8	1706301	2	Decal, Keep Clear of Rotating Parts Warning	
9	1706306	1	Decal, Tip Over Warning	
10	1706768	1	Decal, No Riders	
11	1706850	1	Decal, Crush Hazard Warning	
12	3251813	1	Decal, USA	
13	4100181	1	Decal, Hydraulic Oil Fill	
14	1001189017	1	Decal, Diesel Fuel Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer, 3/8	
22	8305645	1	Nut, Lock 3/8	
23	8307024	2	Washer, Lock M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror, RH	
26	10139087	1	Tread, Safety	
27	1001096404	1	Sleeve, Angle Indicator Spacer	
28	1001098769	1	Plate, Boom Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001125387	2	Decal, Ultra Low Sulfur Fuel	
32	1001191994	1	Decal, Lubrication Chart (8042)	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001139578	1	Decal, Hot Fluid Warning	
35	1001148177	1	Mirror, Rectangular	
40	1001157614	1	Decal, Cab (8042)	
41	1001157274	1	Decal, Rear Door JLG Logo	
44	1001158272	1	Decal, RH Overlay	
45	1001158319	1	Decal, LH Overlay	
46	1001162734	1	Decal, Joystick Control	
47	1001162735	1	Decal, Sway Control	
48	1001162736	1	Decal, Auxiliary Control	
52	1001173422	2	Decal, MCO 110HP	
53	1001174162	NLA	Decal, Maintenance Chart, (no longer available, use 1001174152 for service)	
53	1001174152	1	Decal, Maintenance Chart	
54	1001142452	1	Decal, No Step	
55	1001179353	1	Decal, Tank (8042)	
56	1001179380	1	Decal, LH Rear Frame Stripe	
57	1001179381	1	Decal, RH Rear Frame Stripe	
59	1001189327	1	Decal, Main Fuse Panel	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
60	1001196806	1	Decal, Diesel Exhaust Fluid	
61	1001207217	1	Decal, Danger Swinging Load	
62	1001218659	1	Decal, Brake Fluid Spec	
63	1001219212	1	Decal, DEF Fluid	
64	1001223453	1	Decal, ICES (CAN)	
65	1001230307	1	Decal, Cummins DEF Service	
66	1001231801	1	Decal, Warning Prop 65 Diesel	

SECTION 11 - DECALS

FIGURE 11-8. DECALS INSTALLATION 110HP ULS (ANSI SPECS (PVC2005) (8042)





ART_1001166109_N_2OF2

SECTION 11 - DECALS

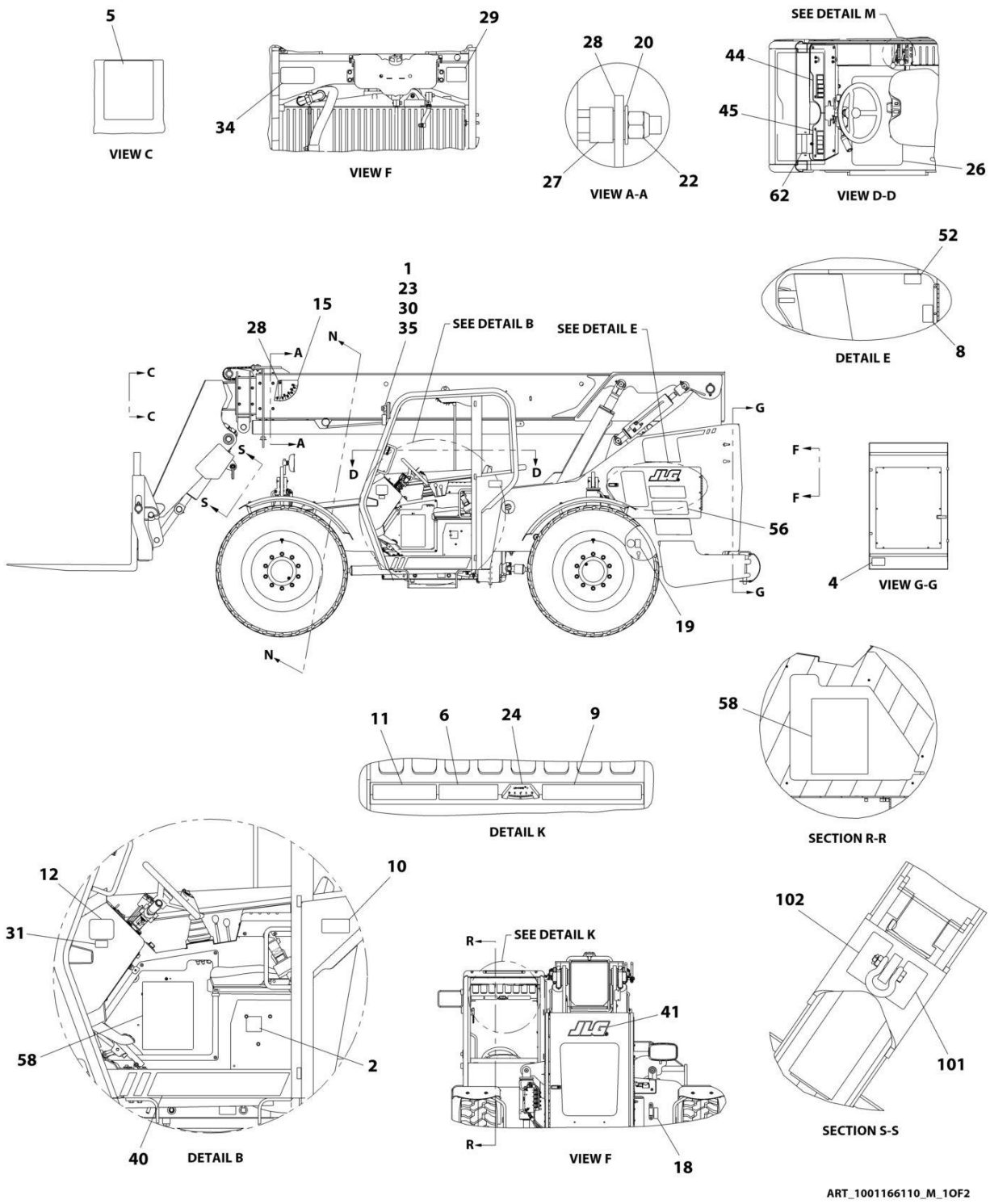
FIGURE 11-8. DECALS INSTALLATION 110HP ULS (ANSI SPECS (PVC2005) (8042)

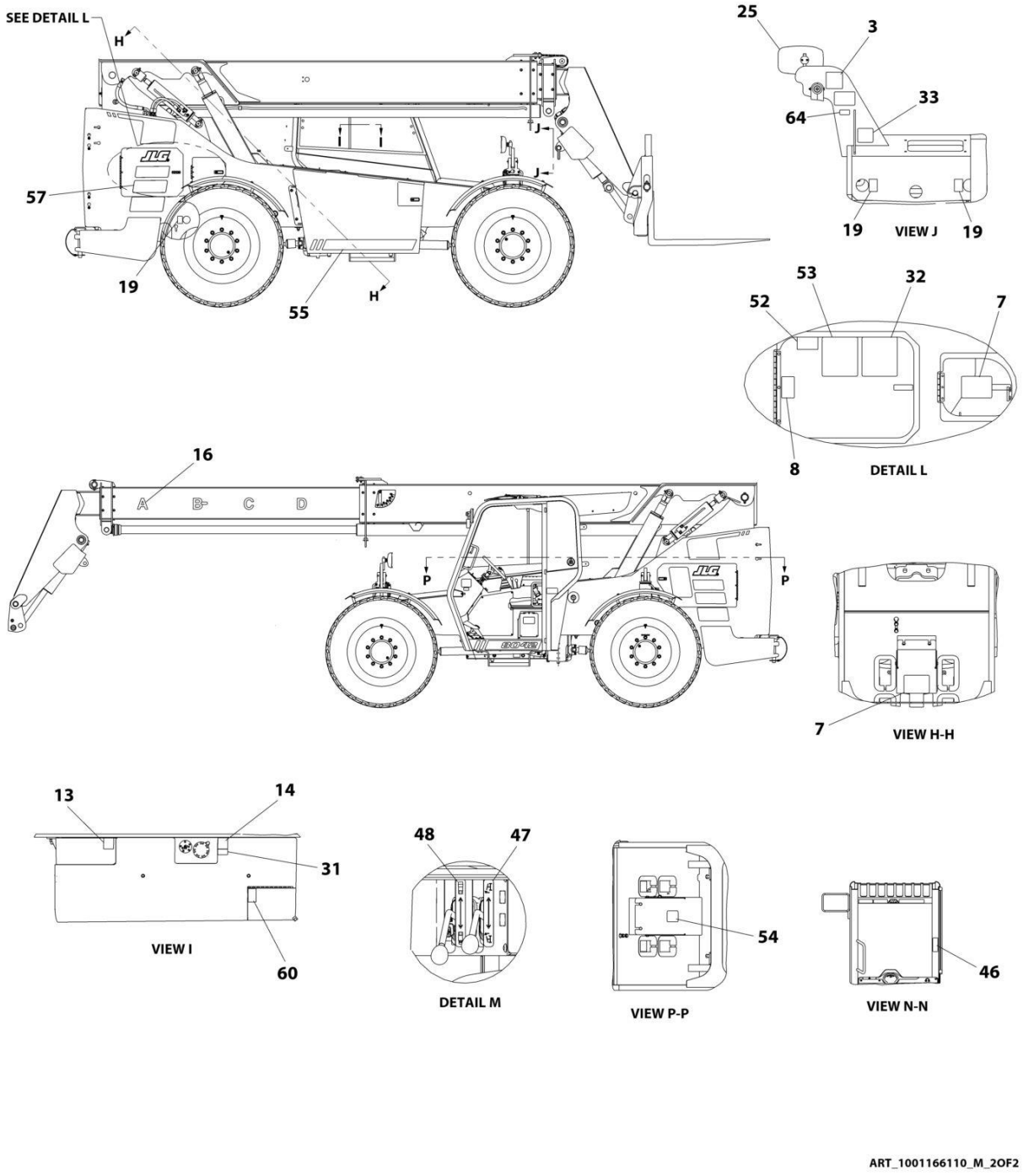
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166109	Ref	Decal Installation (ANSI)	N
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1706296	1	Decal, Battery Warning (ANSI)	
5	1706298	1	Decal, Carry Personnel	
6	1706299	1	Decal, Contacting Power Lines Warning	
7	1706300	2	Decal, Ether Warning	
8	1706301	2	Decal, Keep Clear of Rotating Parts Warning	
9	1706306	1	Decal, Tip Over Warning	
10	1706768	1	Decal, No Riders	
11	1706850	1	Decal, Crush Hazard Warning	
12	3251813	1	Decal, USA	
13	4100181	1	Decal, Hydraulic Oil Fill	
14	1001189017	1	Decal, Diesel Fuel Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer, 3/8	
22	8305645	1	Nut, Lock 3/8	
23	8307024	2	Washer, Lock M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror, RH	
26	10139087	1	Tread, Safety	
27	1001096404	1	Sleeve, Angle Indicator Spacer	
28	1001098769	1	Plate, Boom Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001125387	2	Decal, Ultra Low Sulfur Fuel	
32	1001191994	1	Decal, Lubrication Chart (8042)	
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	
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	
59	1001189327	1	Decal, Main Fuse Panel	
60	1001196806	1	Decal, Diesel Exhaust Fluid	
61	1001207217	1	Decal, Danger Swinging Load	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
62	1001218659	1	Decal, Brake Fluid Spec	
63	1001219212	1	Decal, DEF Fluid	
64	1001223453	1	Decal, ICES (CAN)	
65	1001230307	1	Decal, Cummins DEF Service	
66	1001231801	1	Decal, Warning Prop 65 Diesel	
69	1001263591	2	Decal, Model Boom Head	

SECTION 11 - DECALS

FIGURE 11-9. DECALS INSTALLATION 110HP ULS (ENGLISH/FRENCH SPECS) (PVC1911) (8042)





ART_1001166110_M_2OF2

SECTION 11 - DECALS

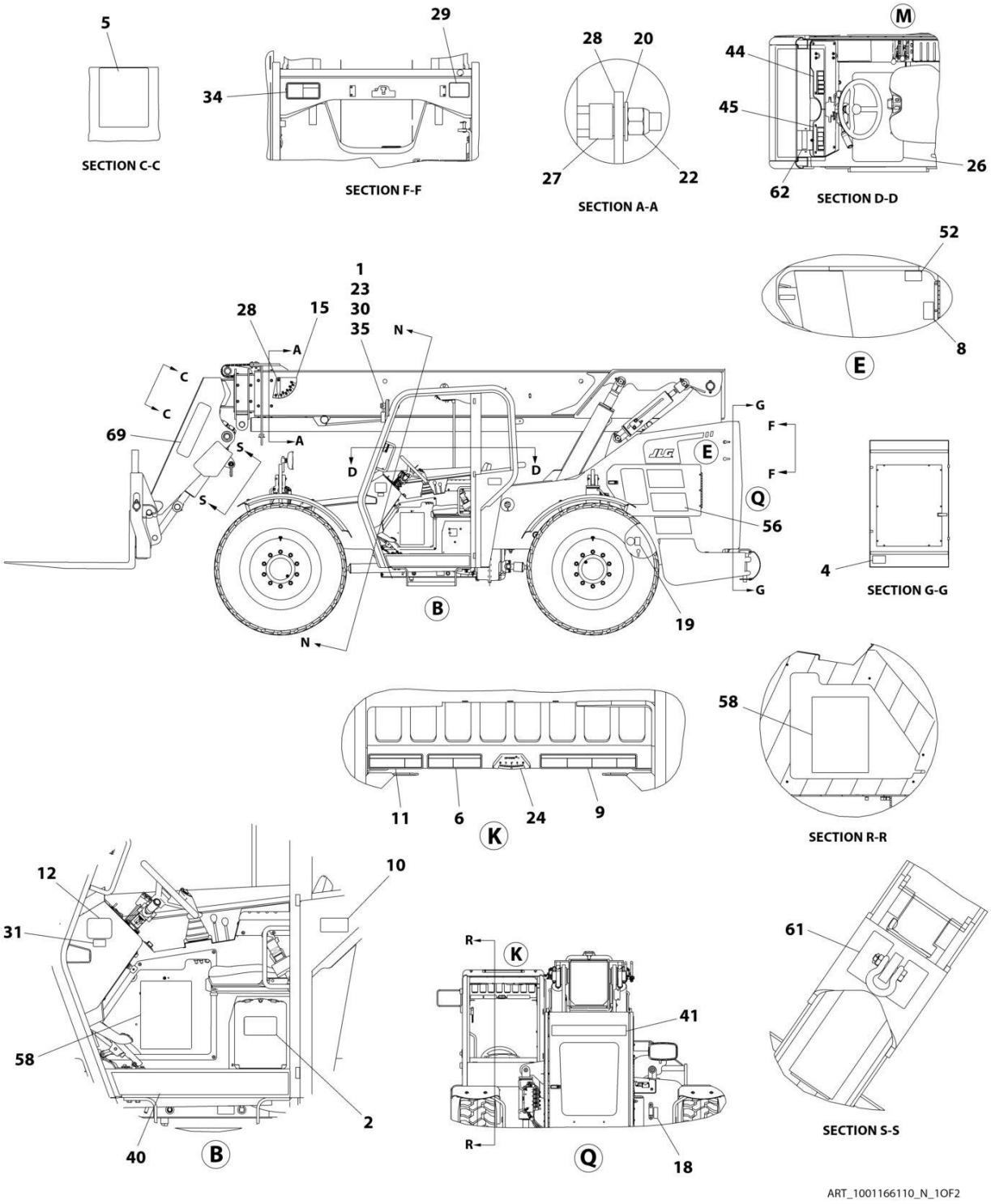
FIGURE 11-9. DECALS INSTALLATION 110HP ULS (ENGLISH/FRENCH SPECS) (PVC1911) (8042)

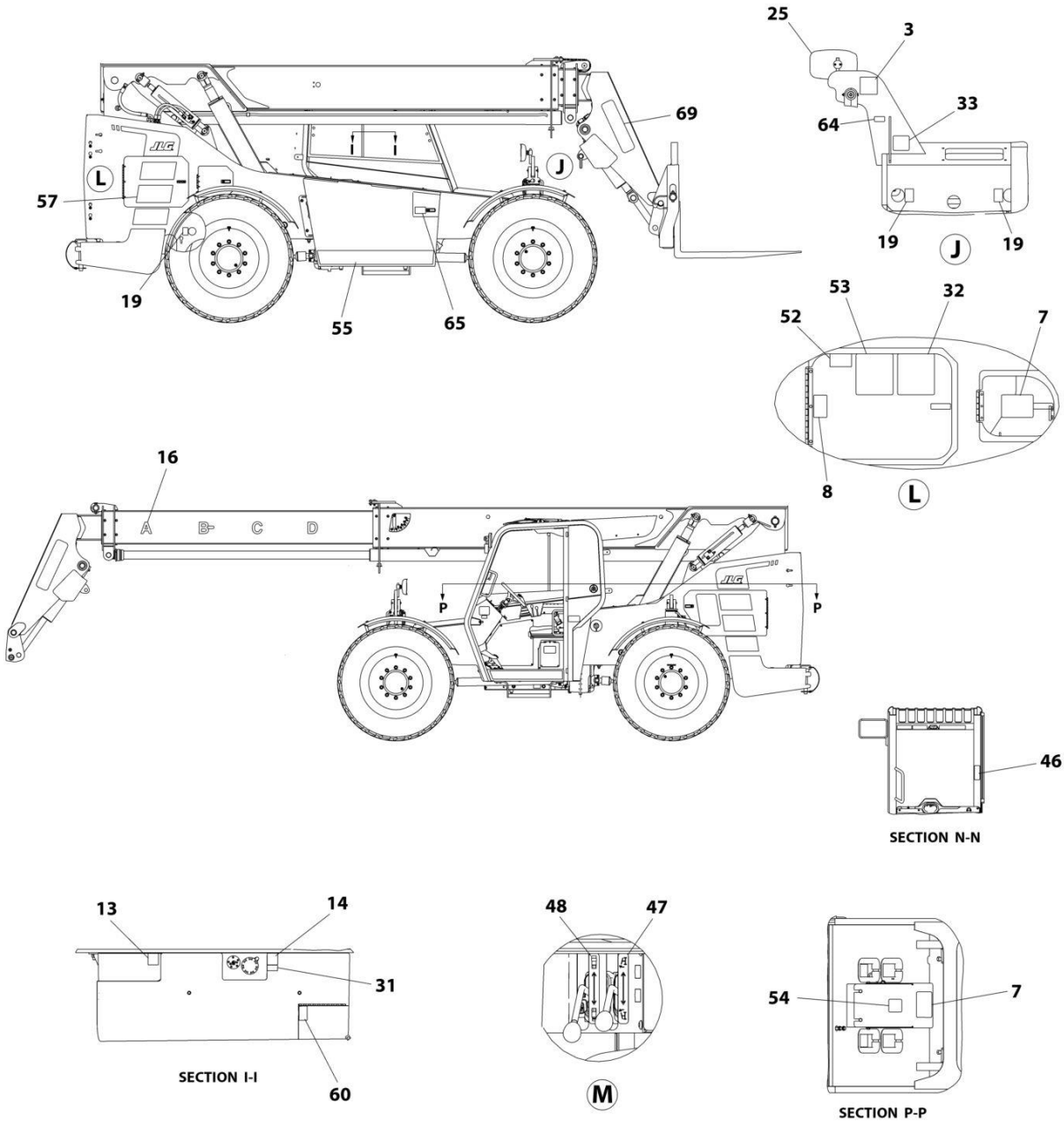
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166110	Ref	Decal Installation (ENGLISH/FRENCH)	M
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001163174	1	Decal, Battery Warning (CAN)	
5	1001163206	1	Decal, Carry Personnel (CAN)	
6	1001163210	1	Decal, Electrocution Hazard (CAN)	
7	1001163212	2	Decal, Ether Starting Warning (CAN)	
8	1001163222	2	Decal, Keep Clear of Rotating Parts Warning (CAN)	
9	1001163285	1	Decal, Tip Over Warning (CAN)	
10	1001163300	1	Decal, No Riders (CAN)	
11	1001163304	1	Decal, Crush Hazard Warning (CAN)	
12	3251813	1	Decal, USA	
13	4100181	1	Decal, Hydraulic Oil Fill	
14	1001189017	1	Decal, Diesel Fuel Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer, 3/8	
22	8305645	1	Nut, Lock 3/8	
23	8307024	2	Washer, Lock M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror, RH	
26	10139087	1	Tread, Safety	
27	1001096404	1	Sleeve, Angle Indicator Spacer	
28	1001098769	1	Plate, Boom Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001163355	2	Decal, Ultra Low Sulfur Fuel (CAN)	
32	1001191994	1	Decal, Lubrication Chart 8042	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001163323	1	Decal, Hot Fluid Warning (CAN)	
35	1001148177	1	Mirror, Rectangular	
40	1001157614	1	Decal, Cab (8042)	
41	1001157274	1	Decal, Rear Door JLG Logo	
44	1001180175	1	Decal, RH Overlay	
45	1001180176	1	Decal, LH Overlay	
46	1001162734	1	Decal, Joystick Control	
47	1001162735	1	Decal, Sway Control	
48	1001162736	1	Decal, Auxiliary Control	
52	1001173422	2	Decal, MCO 110HP	
53	1001174152	1	Decal, Maintenance Chart	
54	1001142452	1	Decal, No Step	
55	1001179353	1	Decal, Tank (8042)	
56	1001179380	1	Decal, LH Rear Frame Stripe	
57	1001179381	1	Decal, RH Rear Frame Stripe	
58	1001189327	1	Decal, Main Fuse Panel	
60	1001196806	1	Decal, Diesel Exhaust Fluid	
62	1001219211	1	Decal, DEF Fluid	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
64	1001223453	1	Decal, ICES (CAN)	
65	1001230309	1	Decal, EN/FR Cummins DEF Tank Service	
101	1001210581	1	Decal, Danger Swing Load Boom Head	
102	1001210582	1	Decal, Capacity Rating Boom Head	

SECTION 11 - DECALS

FIGURE 11-10. DECALS INSTALLATION 110HP ULS (ENGLISH/FRENCH SPECS) (PVC2005) (8042)





ART_1001166110_N_2OF2

SECTION 11 - DECALS

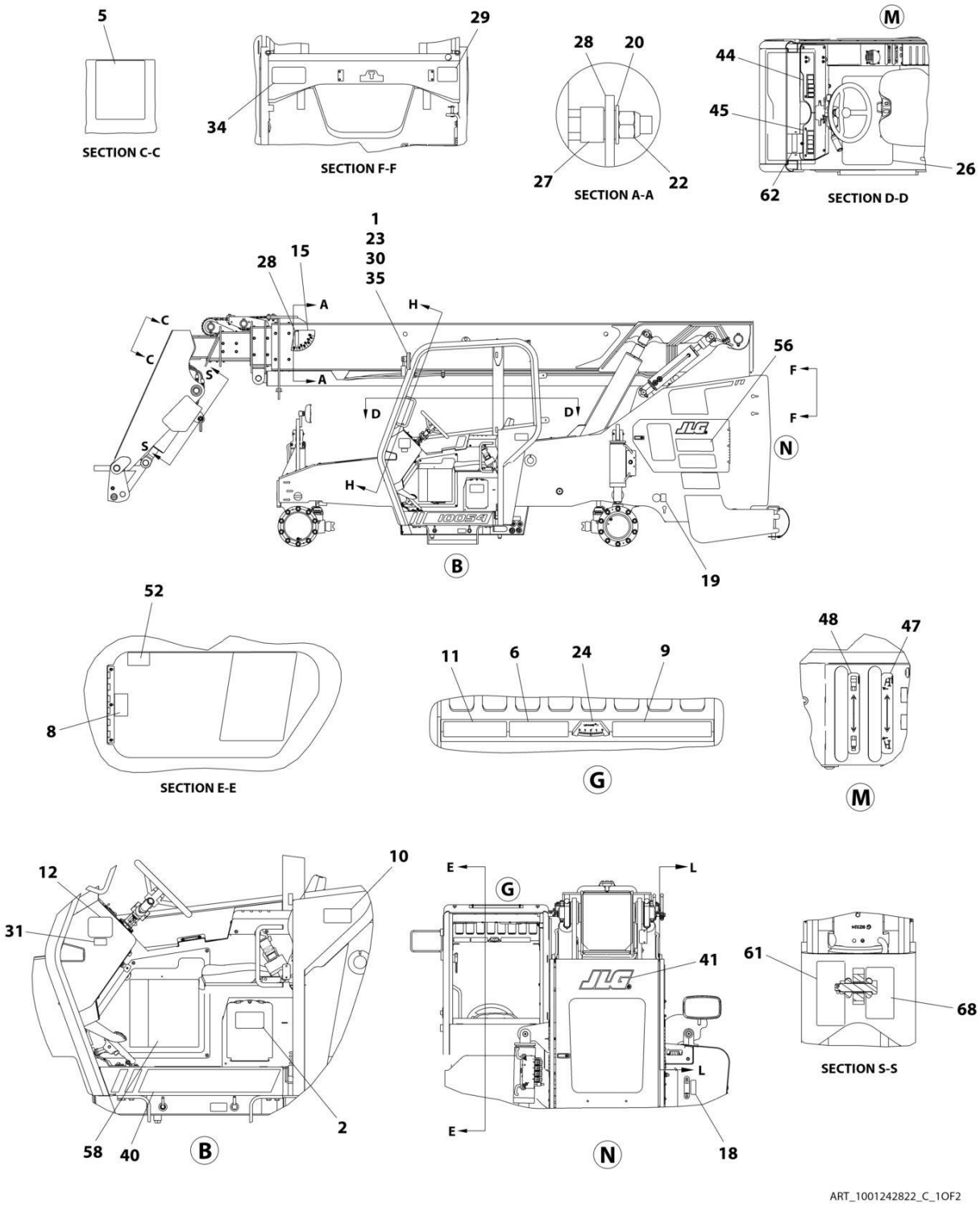
FIGURE 11-10. DECALS INSTALLATION 110HP ULS (ENGLISH/FRENCH SPECS) (PVC2005) (8042)

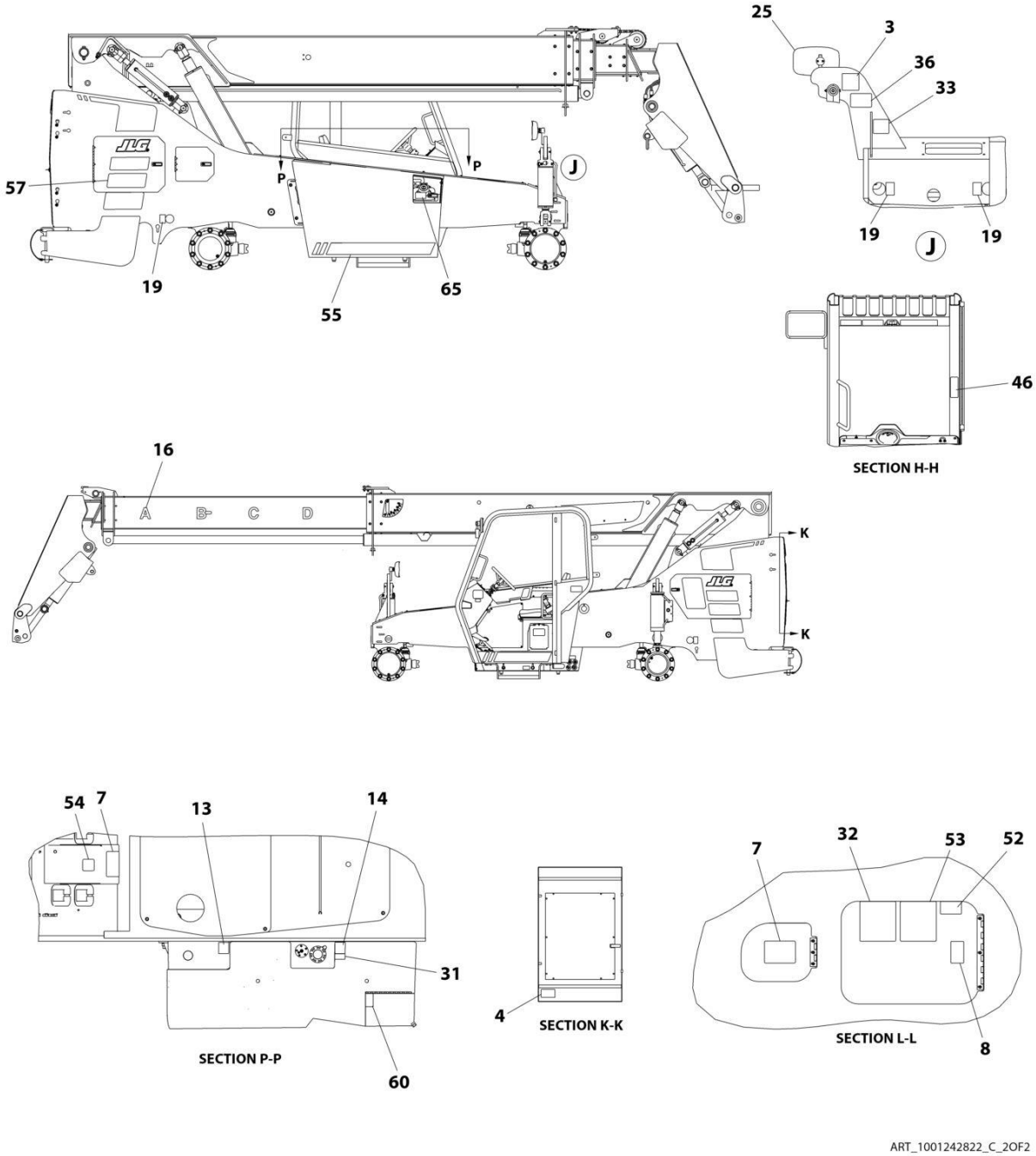
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166110	Ref	Decal Installation (ENGLISH/FRENCH)	N
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001163174	1	Decal, Battery Warning (CAN)	
5	1001163206	1	Decal, Carry Personnel (CAN)	
6	1001163210	1	Decal, Electrocution Hazard (CAN)	
7	1001163212	2	Decal, Ether Starting Warning (CAN)	
8	1001163222	2	Decal, Keep Clear of Rotating Parts Warning (CAN)	
9	1001163285	1	Decal, Tip Over Warning (CAN)	
10	1001163300	1	Decal, No Riders (CAN)	
11	1001163304	1	Decal, Crush Hazard Warning (CAN)	
12	3251813	1	Decal, USA	
13	4100181	1	Decal, Hydraulic Oil Fill	
14	1001189017	1	Decal, Diesel Fuel Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer, 3/8	
22	8305645	1	Nut, Lock 3/8	
23	8307024	2	Washer, Lock M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror, RH	
26	10139087	1	Tread, Safety	
27	1001096404	1	Sleeve, Angle Indicator Spacer	
28	1001098769	1	Plate, Boom Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001163355	2	Decal, Ultra Low Sulfur Fuel (CAN)	
32	1001191994	1	Decal, Lubrication Chart 8042	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001163323	1	Decal, Hot Fluid Warning (CAN)	
35	1001148177	1	Mirror, Rectangular	
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	
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	
60	1001196806	1	Decal, Diesel Exhaust Fluid	
61	1001211278	1	Decal, Swinging Load Decal Kit (CAN)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
62	1001219211	1	Decal, DEF Fluid	
64	1001223453	1	Decal, ICES (CAN)	
65	1001230309	1	Decal, EN/FR Cummins DEF Tank Service	
69	1001263591	2	Decal, Model Boom Head	

SECTION 11 - DECALS

FIGURE 11-11. DECALS INSTALLATION 110HP ULS (ENGLISH/SPANISH SPECS) (PVC1911) (8042)




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SECTION 11 - DECALS

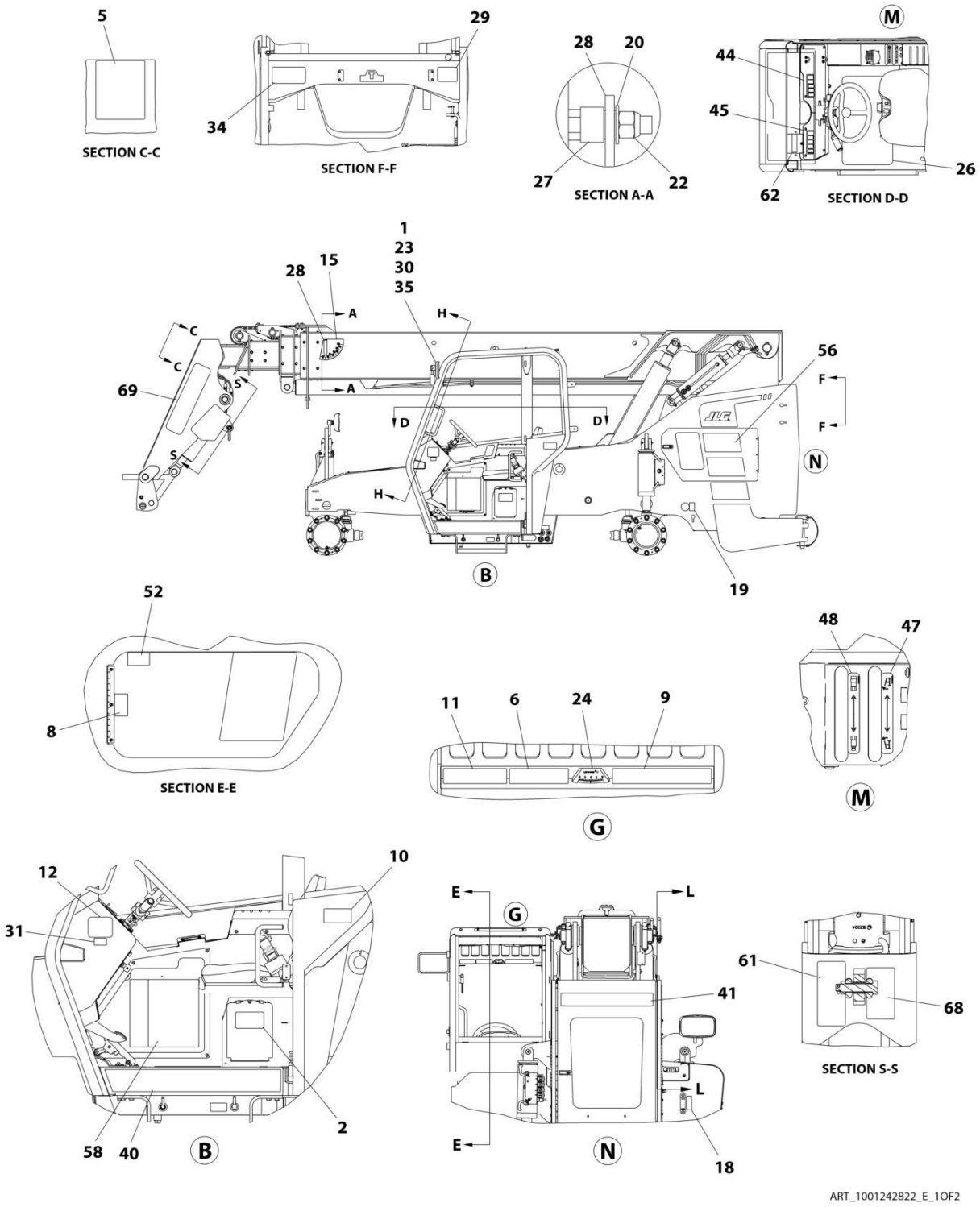
FIGURE 11-11. DECALS INSTALLATION 110HP ULS (ENGLISH/SPANISH SPECS) (PVC1911) (8042)

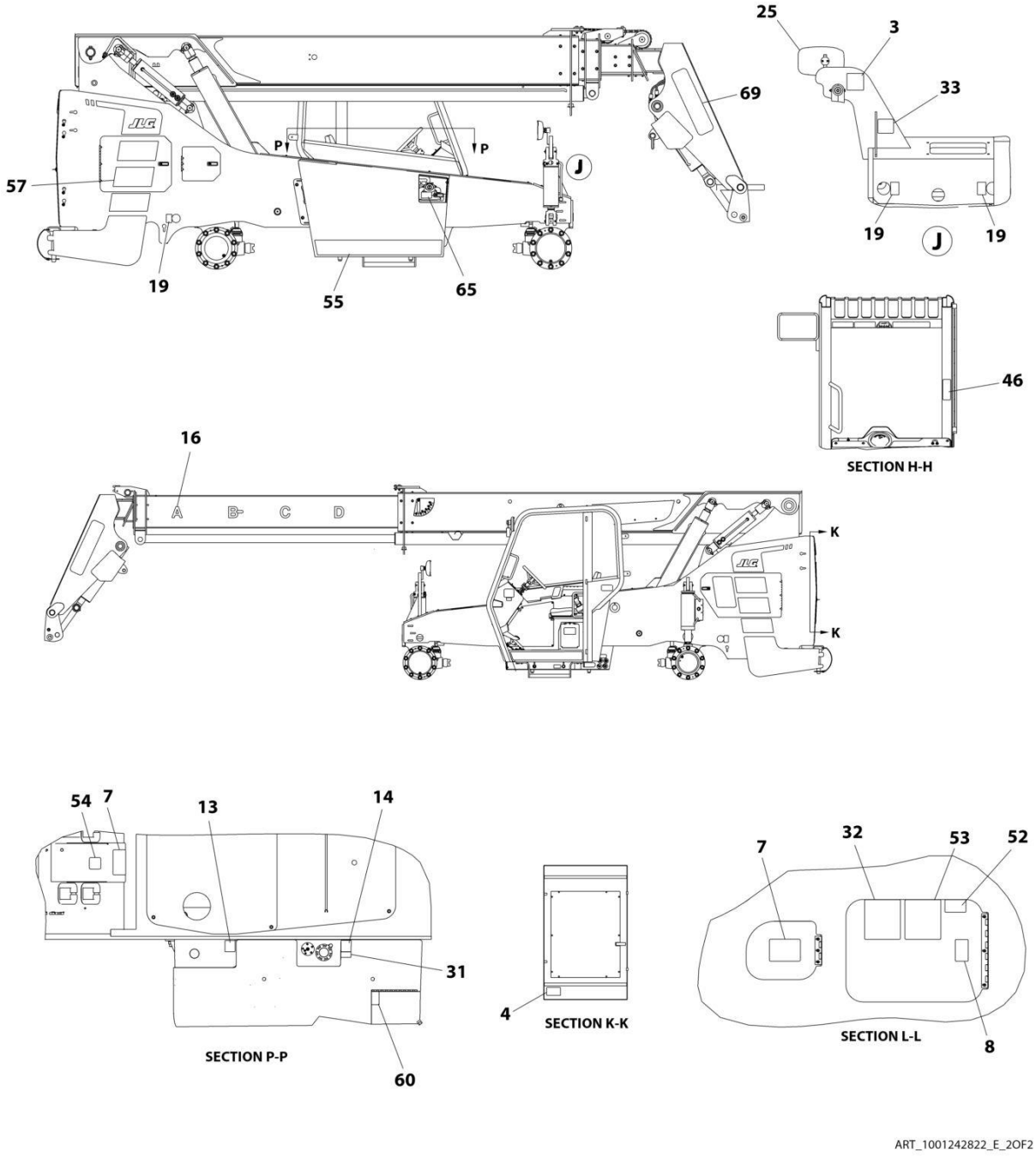
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242822	Ref	Decal Installation (ENG/SPAN) 110HP	C
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001235794	1	Decal, Battery Warning (SPAN)	
5	1001235796	1	Decal, Carry Personnel (SPAN)	
6	1001235797	1	Decal, Electrocution Hazard (SPAN)	
7	1001235798	2	Decal, No Ether Warning (SPAN)	
8	1001235799	2	Decal, Moving Parts (SPAN)	
9	1001235801	1	Decal, Tipover Warning (SPAN)	
10	1001235802	1	Decal, No Riders (SPAN)	
11	1001235803	1	Decal, Crush Hazard Warning (SPAN)	
12	3251813	1	Decal, USA	
13	4100181	1	Decal, Hydraulic Oil Fill	
14	1001189017	1	Decal, Diesel Fuel Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer, 3/8	
22	8305645	1	Nut, Lock 3/8	
23	8307024	2	Washer, Lock M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror, RH	
26	10139087	1	Tread, Safety	
27	1001096404	1	Sleeve, Angle Indicator Spacer	
28	1001098769	1	Plate, Boom Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001235804	2	Decal, Ultra Low Sulfur Fuel (SPAN)	
32	1001191994	1	Decal, Lubrication Chart (8042)	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001235805	1	Decal, Hot Fluid Warning (SPAN)	
35	1001148177	1	Mirror, Rectangular	
36	1001229575	1	Nameplate, Serial Number	
40	1001157614	1	Decal, Cab (8042)	
41	1001157274	1	Decal, Rear Door JLG Logo	
44	1001242172	1	Decal, RH Overlay (ENG/SPAN)	
45	1001242173	1	Decal, LH Overlay (ENG/SPAN)	
46	1001162734	1	Decal, Joystick Control	
47	1001162735	1	Decal, Sway Control	
48	1001162736	1	Decal, Auxiliary Control	
52	1001236312	2	Decal, MCO 110HP (SPAN)	
53	1001174152	1	Decal, Maintenance Chart	
54	1001142452	1	Decal, No Step	
55	1001179353	1	Decal, Tank (8042)	
56	1001179380	1	Decal, LH Rear Frame Stripe	
57	1001179381	1	Decal, RH Rear Frame Stripe	
58	1001189327	1	Decal, Main 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)	

SECTION 11 - DECALS

FIGURE 11-12. DECALS INSTALLATION 110HP ULS (ENGLISH/SPANISH SPECS) (PVC2005) (8042)




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SECTION L-L
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SECTION 11 - DECALS

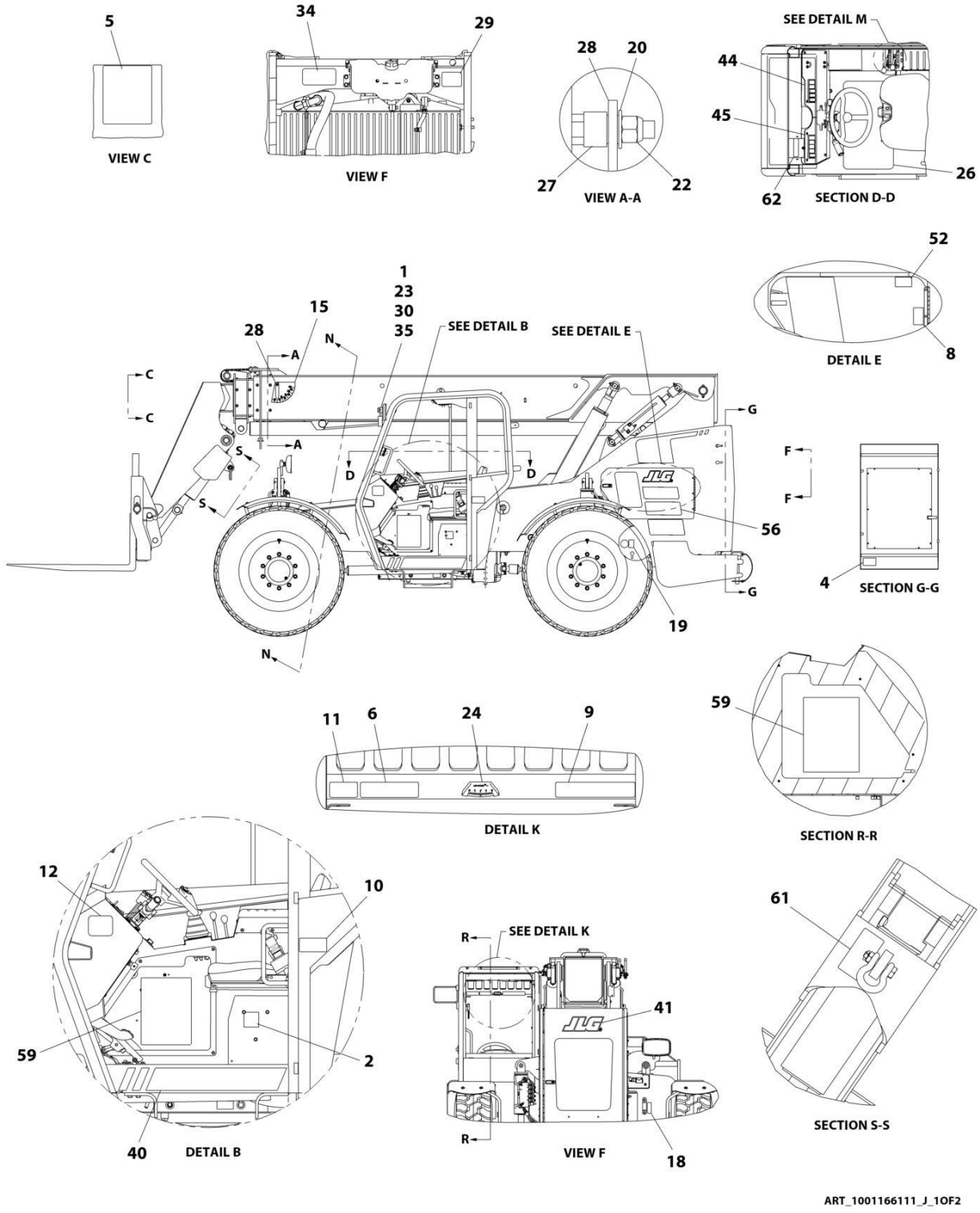
FIGURE 11-12. DECALS INSTALLATION 110HP ULS (ENGLISH/SPANISH SPECS) (PVC2005) (8042)

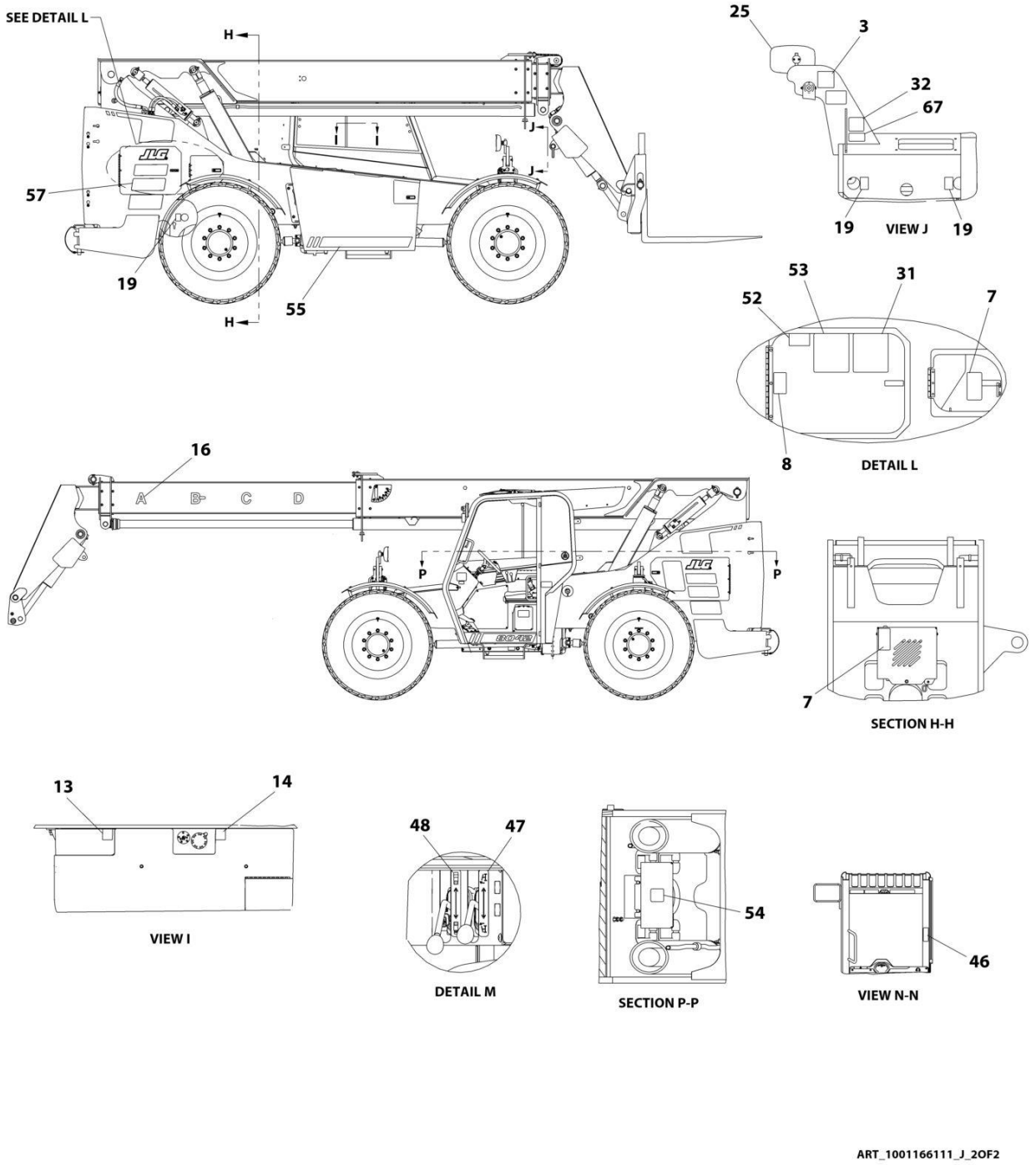
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242822	Ref	Decal Installation (ENG/SPAN) 110HP	E
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001235794	1	Decal, Battery Warning (SPAN)	
5	1001235796	1	Decal, Carry Personnel (SPAN)	
6	1001235797	1	Decal, Electrocution Hazard (SPAN)	
7	1001235798	2	Decal, No Ether Warning (SPAN)	
8	1001235799	2	Decal, Moving Parts (SPAN)	
9	1001235801	1	Decal, Tipover Warning (SPAN)	
10	1001235802	1	Decal, No Riders (SPAN)	
11	1001235803	1	Decal, Crush Hazard Warning (SPAN)	
12	3251813	1	Decal, USA	
13	4100181	1	Decal, Hydraulic Oil Fill	
14	1001189017	1	Decal, Diesel Fuel Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer, 3/8	
22	8305645	1	Nut, Lock 3/8	
23	8307024	2	Washer, Lock M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror, RH	
26	10139087	1	Tread, Safety	
27	1001096404	1	Sleeve, Angle Indicator Spacer	
28	1001098769	1	Plate, Boom Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001235804	2	Decal, Ultra Low Sulfur Fuel (SPAN)	
32	1001191994	1	Decal, Lubrication Chart (8042)	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001235805	1	Decal, Hot Fluid Warning (SPAN)	
35	1001148177	1	Mirror, Rectangular	
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	
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	
60	1001196806	1	Decal, Diesel Exhaust Fluid	
61	1001246078	1	Decal, Danger Swinging Load (SPAN)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
62	1001219211	1	Decal, DEF Fluid	
65	1001242181	1	Decal, EN/FR Cummins DEF Tank Service	
68	1001242179	1	Decal, Danger Swing Load Boom Head (SPAN)	
69	1001263591	2	Decal, Model Boom Head	

SECTION 11 - DECALS

FIGURE 11-13. DECALS INSTALLATION 110HP LS (ISO DECALS) (PVC1911) (8042)




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SECTION H-H
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VIEW I
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DETAIL M
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SECTION P-P
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VIEW N-N
ART_1001166111_J_2OF2

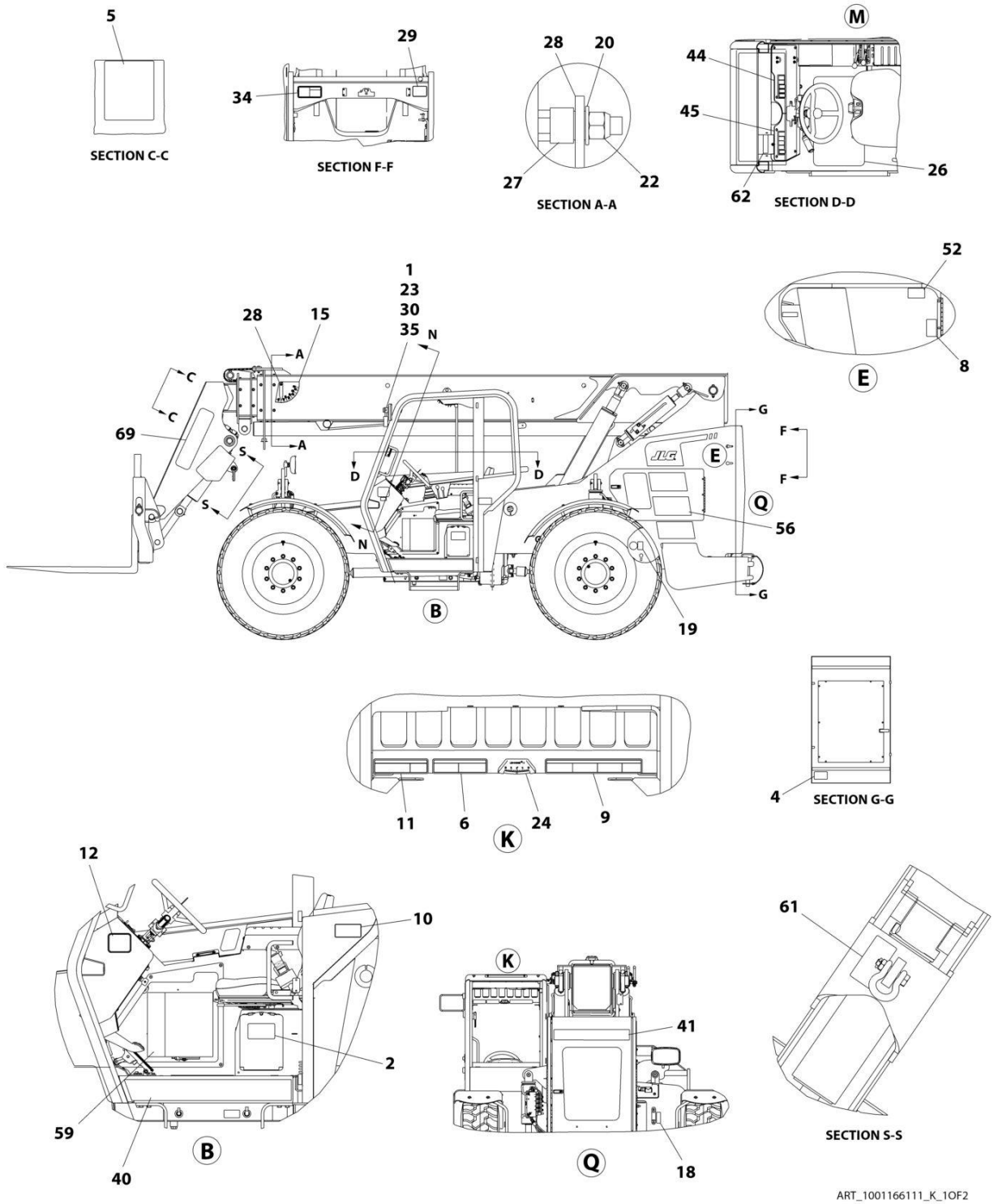
SECTION 11 - DECALS

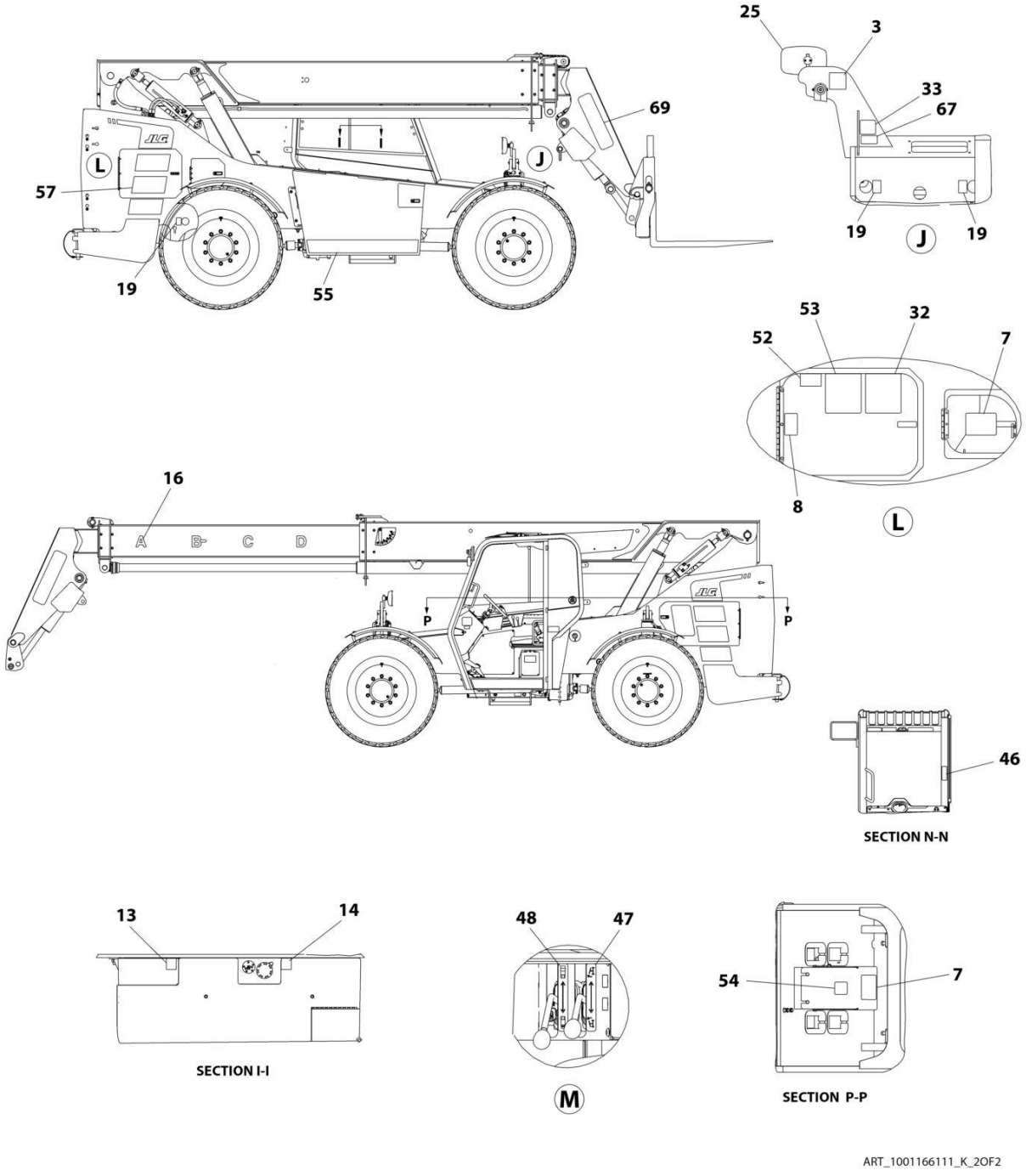
FIGURE 11-13. DECALS INSTALLATION 110HP LS (ISO DECALS) (PVC1911) (8042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166111	Ref	Decal Installation (ISO)	J
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1706281	1	Decal, Battery Warning	
5	1706282	1	Decal, Carry Personnel	
6	1706284	1	Decal, Electrocution Hazard	
7	1706098	2	Decal, Ether Warning	
8	1706285	2	Decal, Moving Parts	
9	1706288	1	Decal, Tipover Warning	
10	1001092878	1	Decal, No Riders	
11	1001092877	1	Decal, Crush Hazard Warning	
12	3251813	1	Decal, USA	
13	4100181	1	Decal, Hydraulic Oil Fill	
14	1001189017	1	Decal, Diesel Fuel Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer, 3/8	
22	8305645	1	Nut, Lock 3/8	
23	8307024	2	Washer, Lock M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror, RH	
26	10139087	1	Tread, Safety	
27	1001096404	1	Sleeve, Angle Indicator Spacer	
28	1001098769	1	Plate, Boom Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001191994	1	Decal, Lubrication Chart (8042)	
32	1001131271	1	Decal, Telehandlers Patent	
34	1001139942	1	Decal, Hot Fluid Warning	
35	1001148177	1	Mirror, Rectangular	
40	1001157614	1	Decal, Cab (8042)	
41	1001157274	1	Decal, Rear Door JLG Logo	
44	1001158321	1	Decal, Overlay RH (ISO)	
45	1001158320	1	Decal, Overlay LH (ISO)	
46	1001162734	1	Decal, Joystick Control	
47	1001162735	1	Decal, Sway Control	
48	1001162736	1	Decal, Auxiliary Control	
52	1001173422	2	Decal, MCO 110HP	
53	1001202627	1	Decal, Maintenance Charts	
54	1001142452	1	Decal, No Step	
55	1001179353	1	Decal Tank (8042)	
56	1001179380	1	Decal, LH Rear Frame Stripe	
57	1001179381	1	Decal, RH Rear Frame Stripe	
59	1001189327	1	Decal, Main Fuse Panel	
61	1001207218	1	Decal, Danger Swinging Load	
62	1001219211	1	Decal, DEF Fluid	
67	1001143852	1	Decal, LRC EPA	

SECTION 11 - DECALS

FIGURE 11-14. DECALS INSTALLATION 110HP LS (ISO DECALS) (PVC2005) (8042)




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SECTION P-P
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SECTION 11 - DECALS

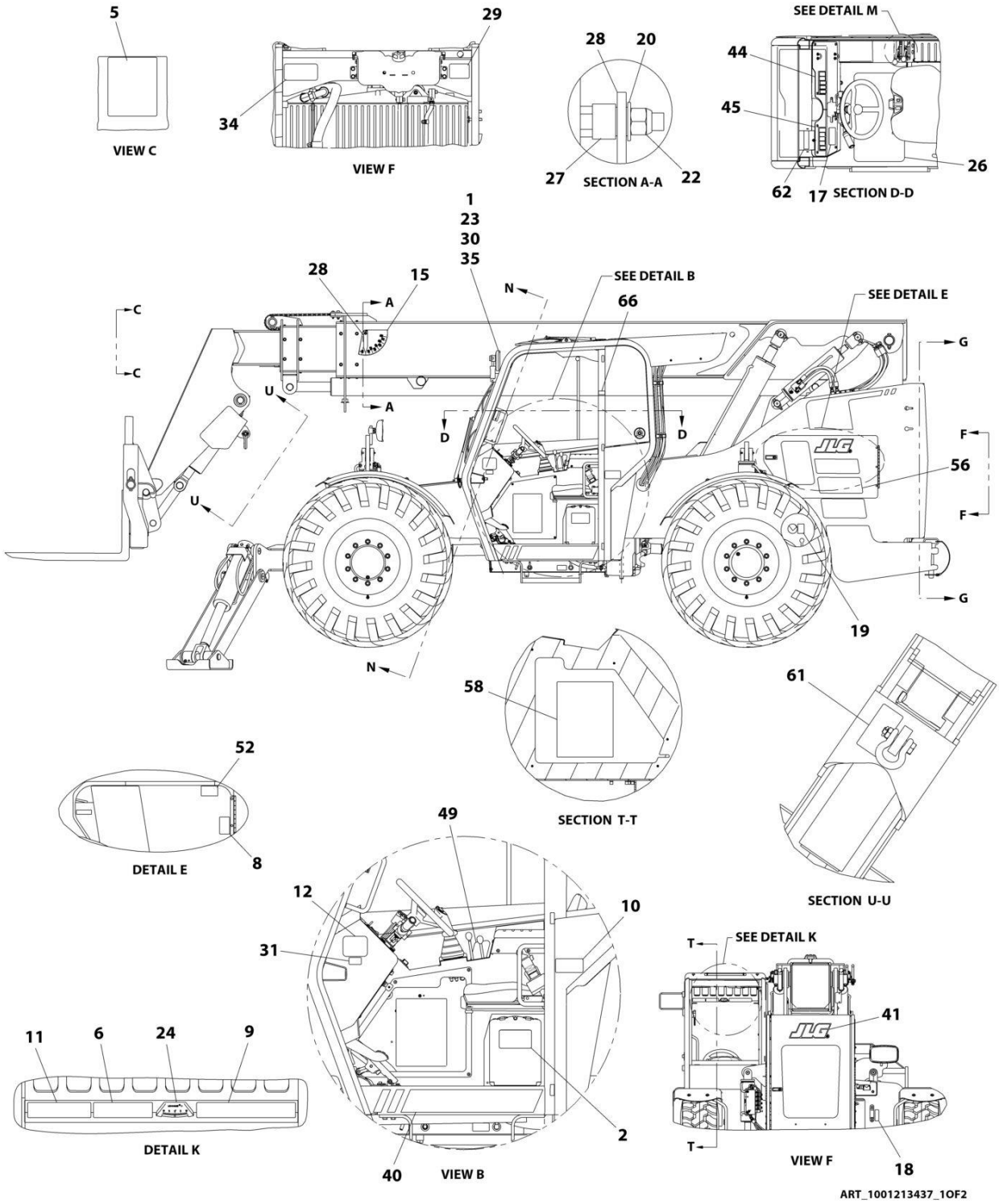
FIGURE 11-14. DECALS INSTALLATION 110HP LS (ISO DECALS) (PVC2005) (8042)

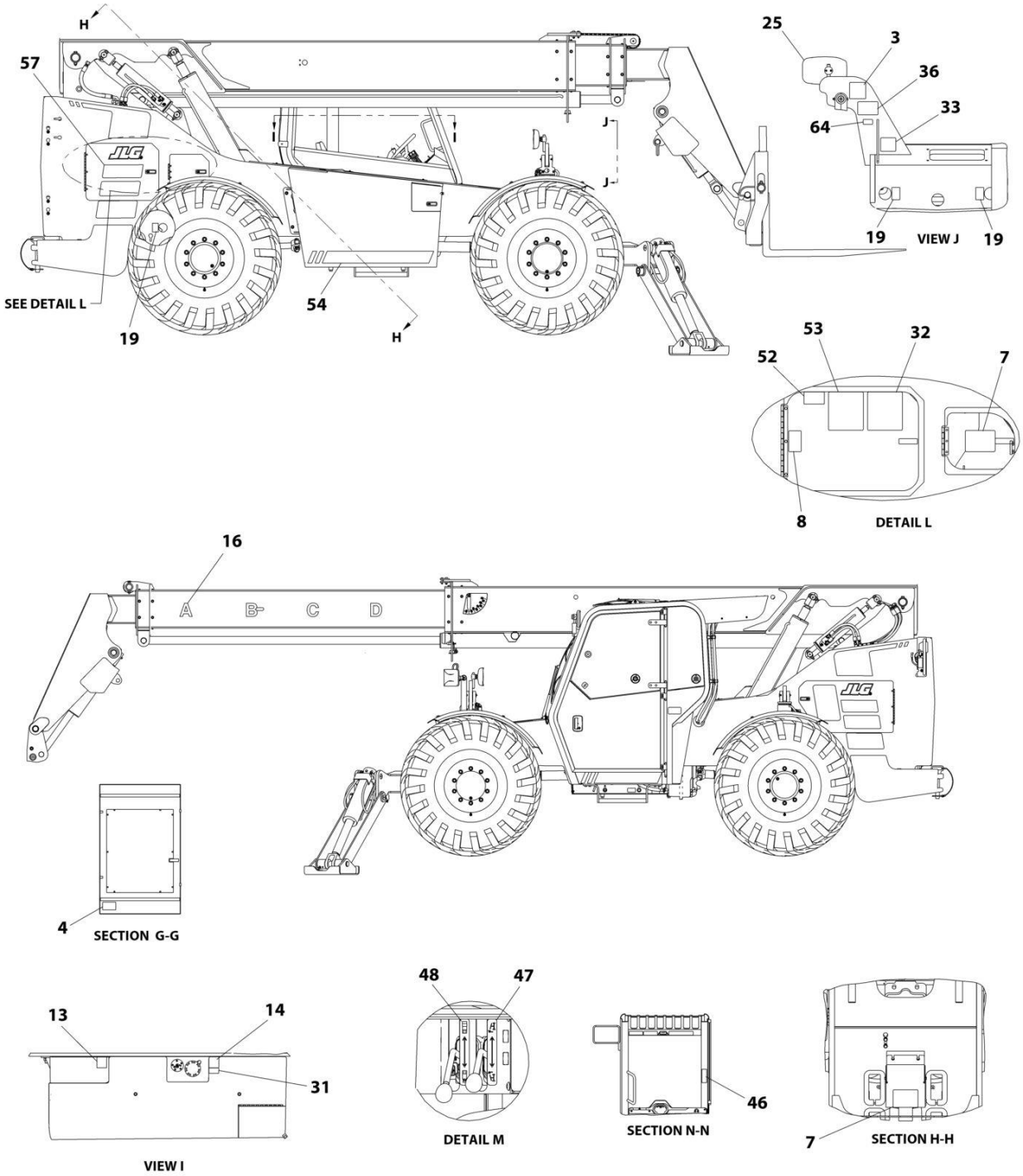
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166111	Ref	Decal Installation (ISO)	K
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1706281	1	Decal, Battery Warning	
5	1706282	1	Decal, Carry Personnel	
6	1706284	1	Decal, Electrocution 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	
18	4108302	1	Decal, Hydraulic Oil Level	
19	1702300	4	Decal, Tie Down	
20	4711600	1	Washer, 3/8	
22	8305645	1	Nut, Lock 3/8	
23	8307024	2	Washer, Lock M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror, RH	
26	10139087	1	Tread, Safety	
27	1001096404	1	Sleeve, Angle Indicator Spacer	
28	1001098769	1	Plate, Boom Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001191994	1	Decal, Lubrication Chart (8042)	
32	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	
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	
59	1001189327	1	Decal, Main Fuse Panel	
61	1001207218	1	Decal, Danger Swinging Load	
62	1001219211	1	Decal, DEF Fluid	
67	1001143852	1	Decal, LRC EPA	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
69	1001263591	2	Decal, Model Boom Head	

SECTION 11 - DECALS

FIGURE 11-15. DECALS INSTALLATION 74HP (ANSI SPECS) (PVC1911) (10042)




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DETAIL M
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SECTION N-N
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SECTION H-H
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SECTION 11 - DECALS

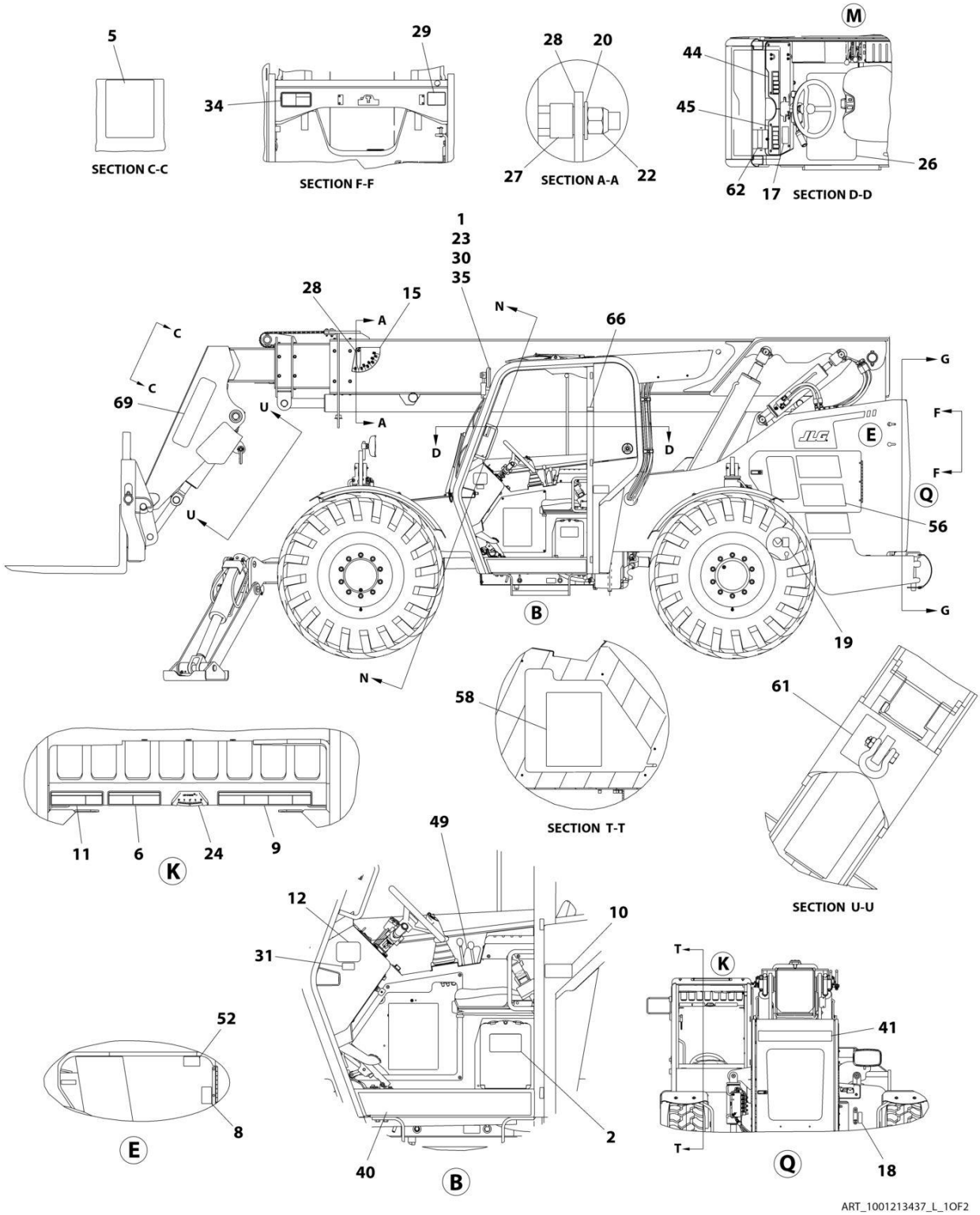
FIGURE 11-15. DECALS INSTALLATION 74HP (ANSI SPECS) (PVC1911) (10042)

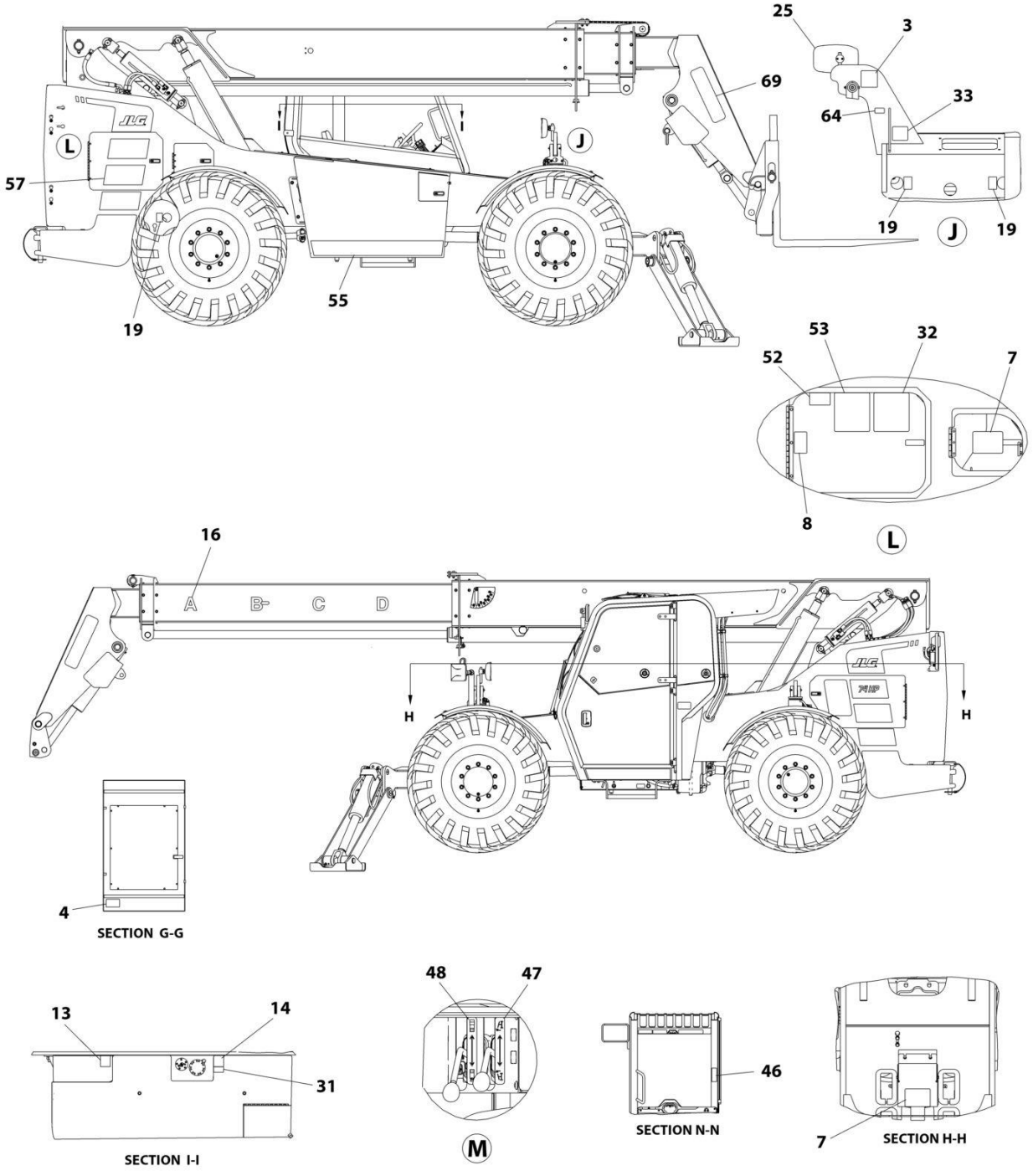
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213437	Ref	Decal Installation (ANSI) 74HP	I
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1706296	1	Decal, Battery Warning (ANSI)	
5	1706298	1	Decal, Carry Personnel	
6	1706299	1	Decal, Contacting Power Lines Warning	
7	1706300	2	Decal, Ether Warning	
8	1706301	2	Decal, Keep Clear of Rotating Parts Warning	
9	1706306	1	Decal, Tip Over Warning	
10	1706768	1	Decal, No Riders	
11	1706850	1	Decal, Crush Hazard Warning	
12	3251813	1	Decal, USA	
13	4100181	1	Decal, Hydraulic Oil Fill	
14	1001189017	1	Decal, Diesel Fuel Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
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, Book Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001125387	2	Decal, Ultra Low Sulfur Fuel	
33	1001131271	1	Decal, Telehandlers Patent	
32	1001191995	1	Decal, Lubrication Chart (10042)	
34	1001139578	1	Decal, Hot Fluid Warning	
35	1001148177	1	Mirror, Rectangular	
36	N.S.S.	1	S/N Plate	
40	1001157273	1	Decal, Cab (10042)	
41	1001157274	1	Decal, Rear Door JLG Logo	
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)	
54	1001179354	1	Decal, Tank (10042)	
56	1001179380	1	Decal, LH Rear Frame Stripe	
57	1001179381	1	Decal, RH Rear Frame Stripe	
58	1001189327	1	Decal, Main Fuse Panel	
52	1001202626	2	Decal, 74HP	
53	1001202627	1	Decal, Maintenance Chart	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
61	1001207217	1	Decal, Danger Swinging Load	
62	1001218659	1	Decal, Brake Fluid Spec	
64	1001223453	1	Decal, ICES (CAN)	
66	1001231801	1	Decal, Warning PROP 65 Diesel	

SECTION 11 - DECALS

FIGURE 11-16. DECALS INSTALLATION 74HP (ANSI SPECS) (PVC2005) (10042)





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SECTION 11 - DECALS

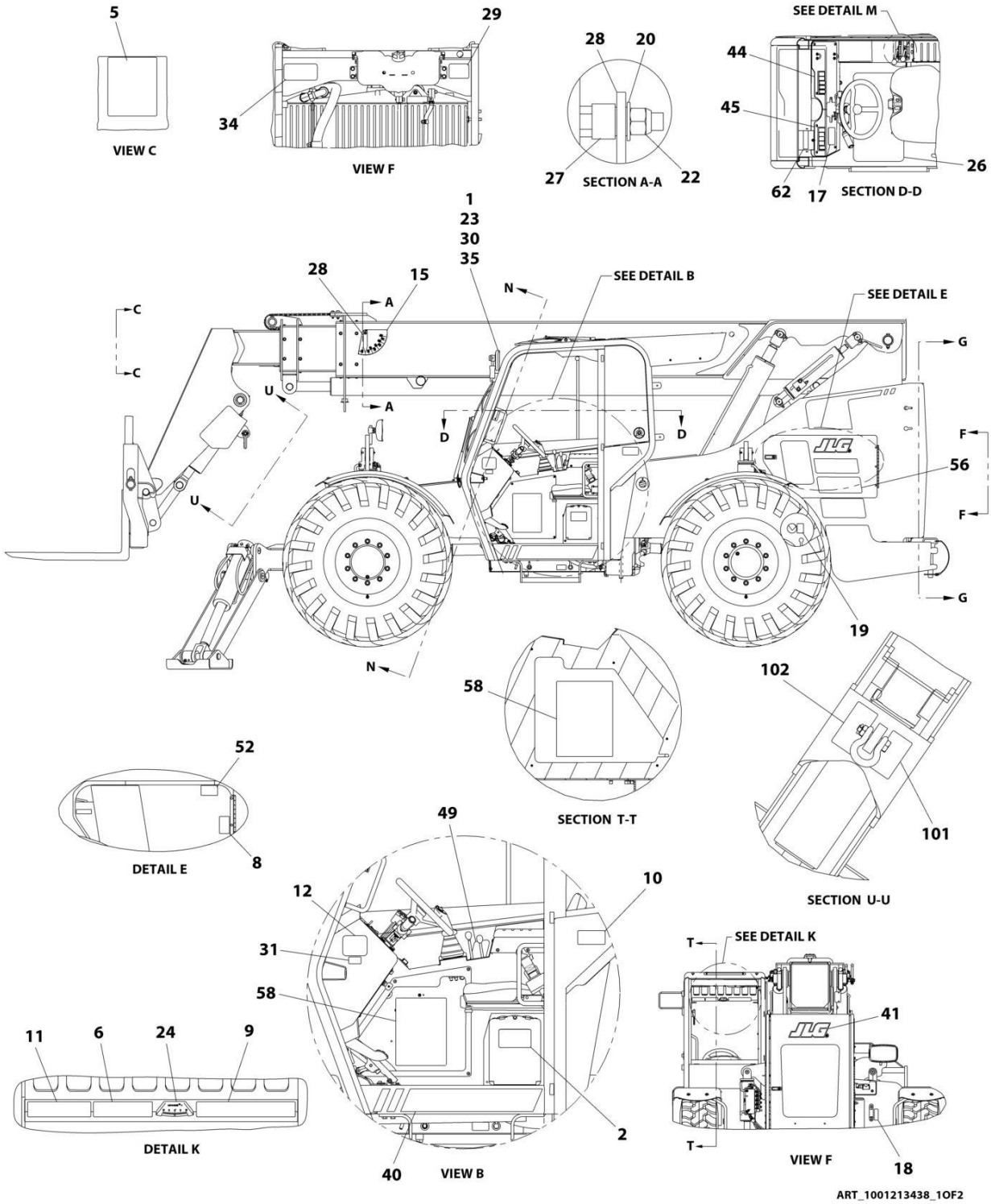
FIGURE 11-16. DECALS INSTALLATION 74HP (ANSI SPECS) (PVC2005) (10042)

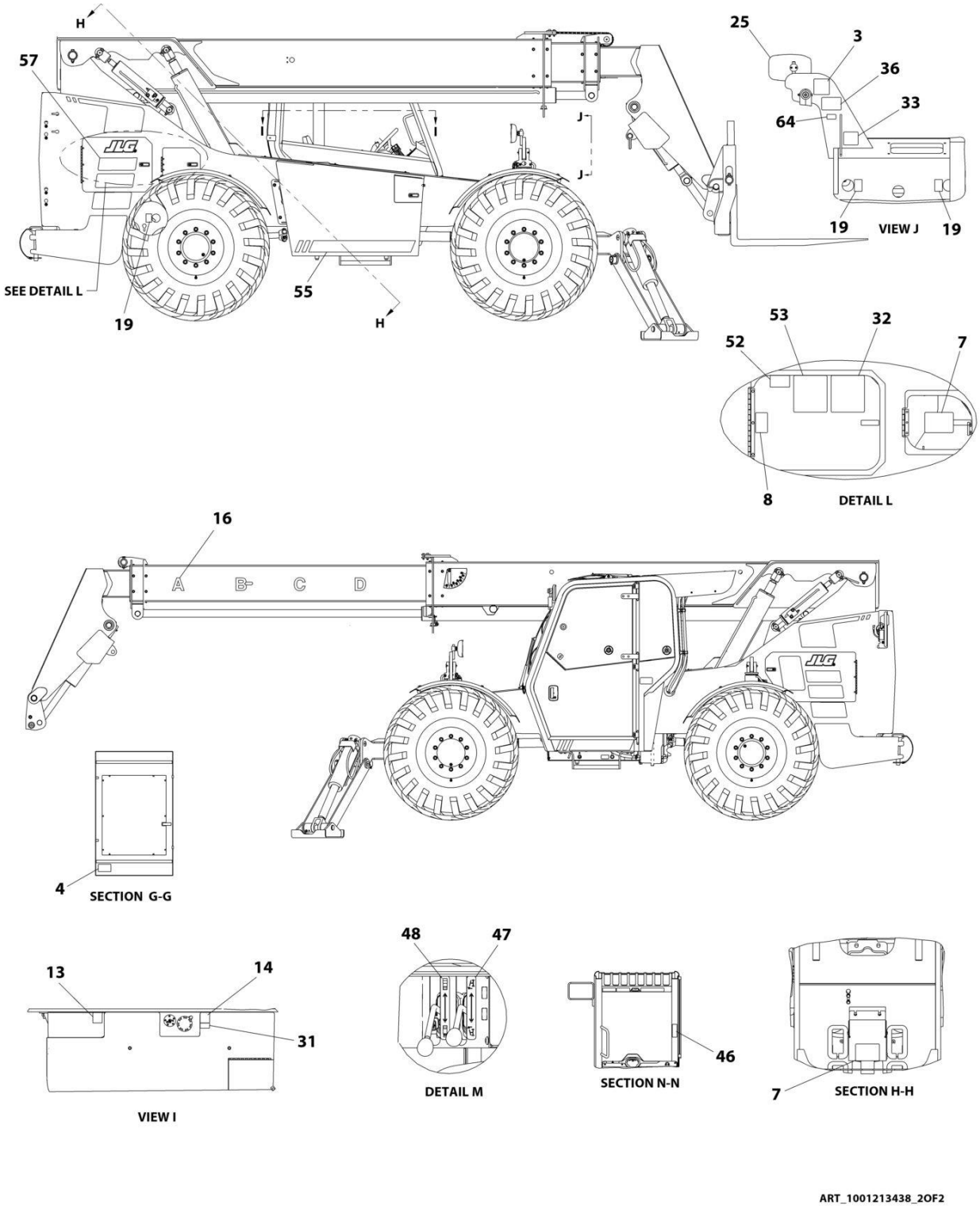
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213437	Ref	DECALS INSTALLATION - 74HP (ANSI SPECS)	L
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1706296	1	Decal, Battery Warning (ANSI)	
5	1706298	1	Decal, Carry Personnel	
6	1706299	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	1001191995	1	Decal, Lubrication Chart (10042)	
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	
61	1001207217	1	Decal, Danger Swinging Load	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
62	1001218659	1	Decal, Brake Fluid Spec	
64	1001223453	1	Decal, ICES (CAN)	
66	1001231801	1	Decal, Warning PROP 65 Diesel	
69	1001263590	2	Decal, Model Boom Head	

SECTION 11 - DECALS

FIGURE 11-17. DECALS INSTALLATION 74HP (ENGLISH/FRENCH SPECS) (PVC1911) (10042)




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ART_1001213438_2OF2

SECTION 11 - DECALS

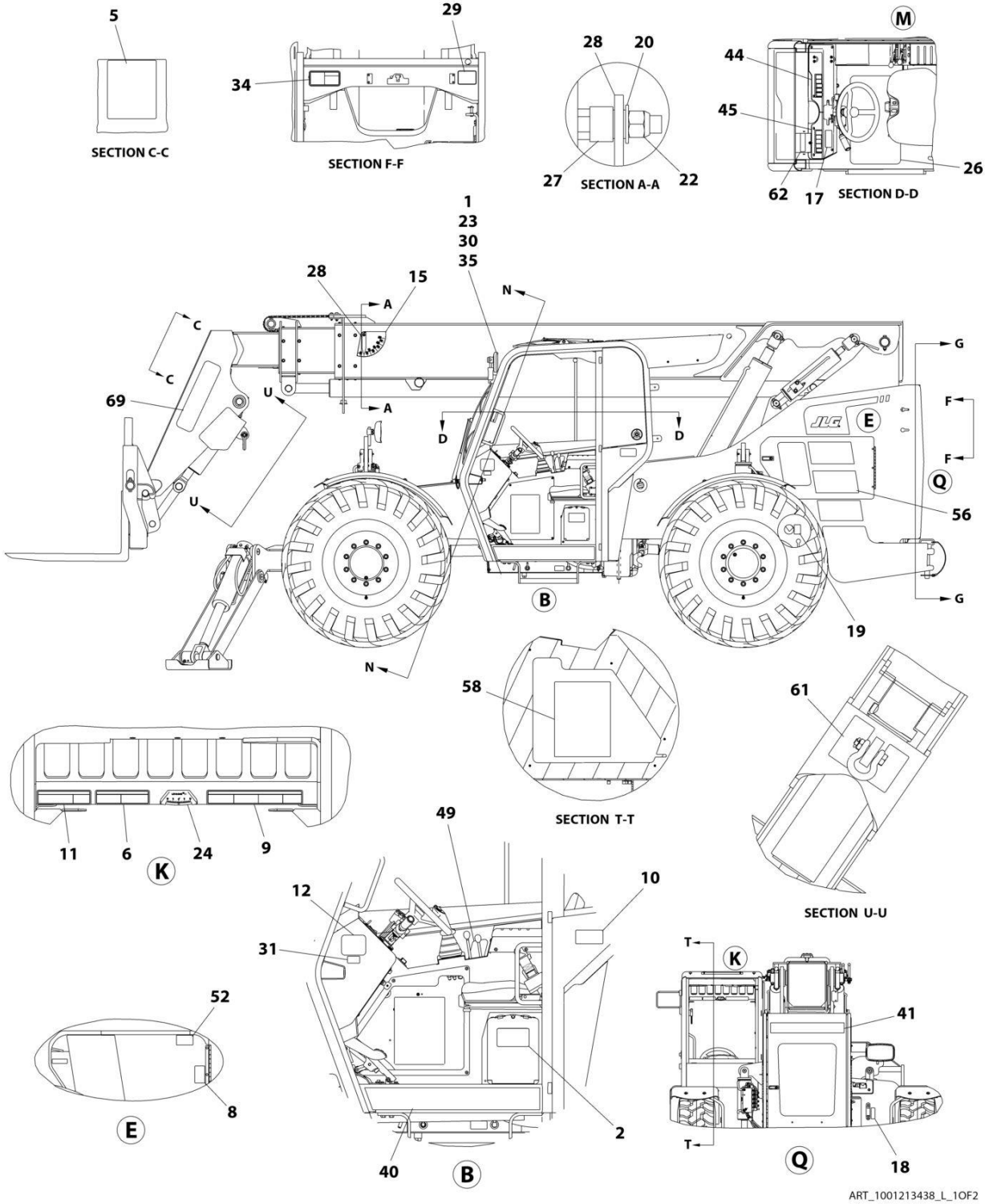
FIGURE 11-17. DECALS INSTALLATION 74HP (ENGLISH/FRENCH SPECS) (PVC1911) (10042)

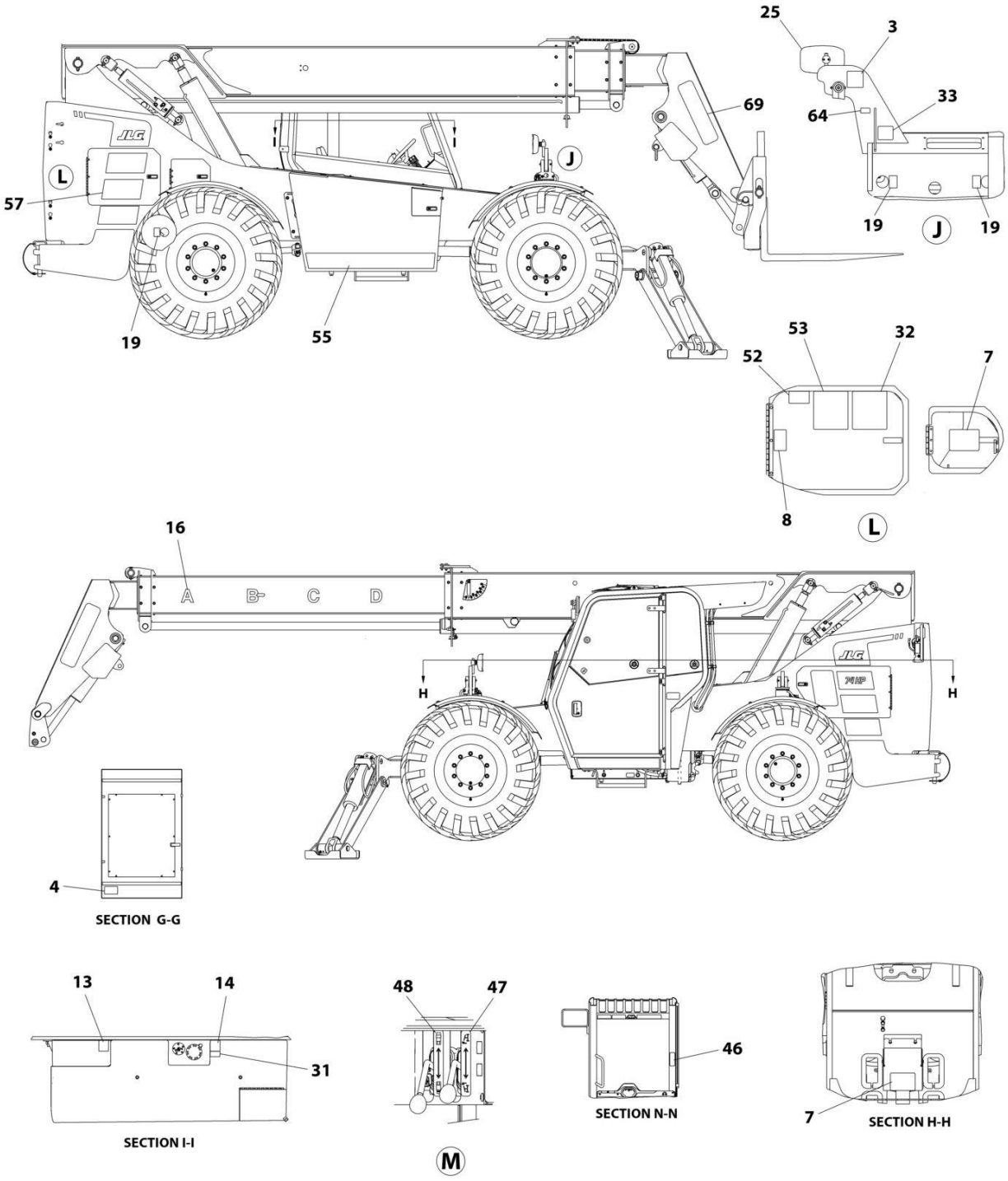
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213438	Ref	Decal Installation (ENGLISH/FRENCH) 74HP	I
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001163174	1	Decal, Battery Warning (CAN)	
5	1001163206	1	Decal, Carry Personnel (CAN)	
6	1001163210	1	Decal, Electrocution Hazard (CAN)	
7	1001163212	2	Decal, Ether Starting Warning (CAN)	
8	1001163222	2	Decal, Keep Clear of Rotating Parts (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	1001191995	1	Decal, Lubrication Chart (10042)	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001163323	1	Decal, Hot Fluid Warning (CAN)	
35	1001148177	1	Mirror, Rectangular	
36	N.S.S.	1	S/N Plate	
40	1001157273	1	Decal, Cab (10042)	
41	1001157274	1	Decal, Rear Door JLG Logo	
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	1001179354	1	Decal, Tank (10042)	
56	1001179380	1	Decal, LH Rear Frame Stripe	
57	1001179381	1	Decal, RH Rear Frame Stripe	
58	1001189327	1	Decal, Main Fuse Panel	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
62	1001219211	1	Decal, Brake Fluid Spec	
64	1001223453	1	Decal, ICES (CAN)	
101	1001210581	1	Decal, Danger Swing Load Boom Head	
102	1001210582	1	Decal, Capacity Rating Boom Head	

SECTION 11 - DECALS

FIGURE 11-18. DECALS INSTALLATION 74HP (ENGLISH/FRENCH SPECS) (PVC2005) (10042)




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SECTION 11 - DECALS

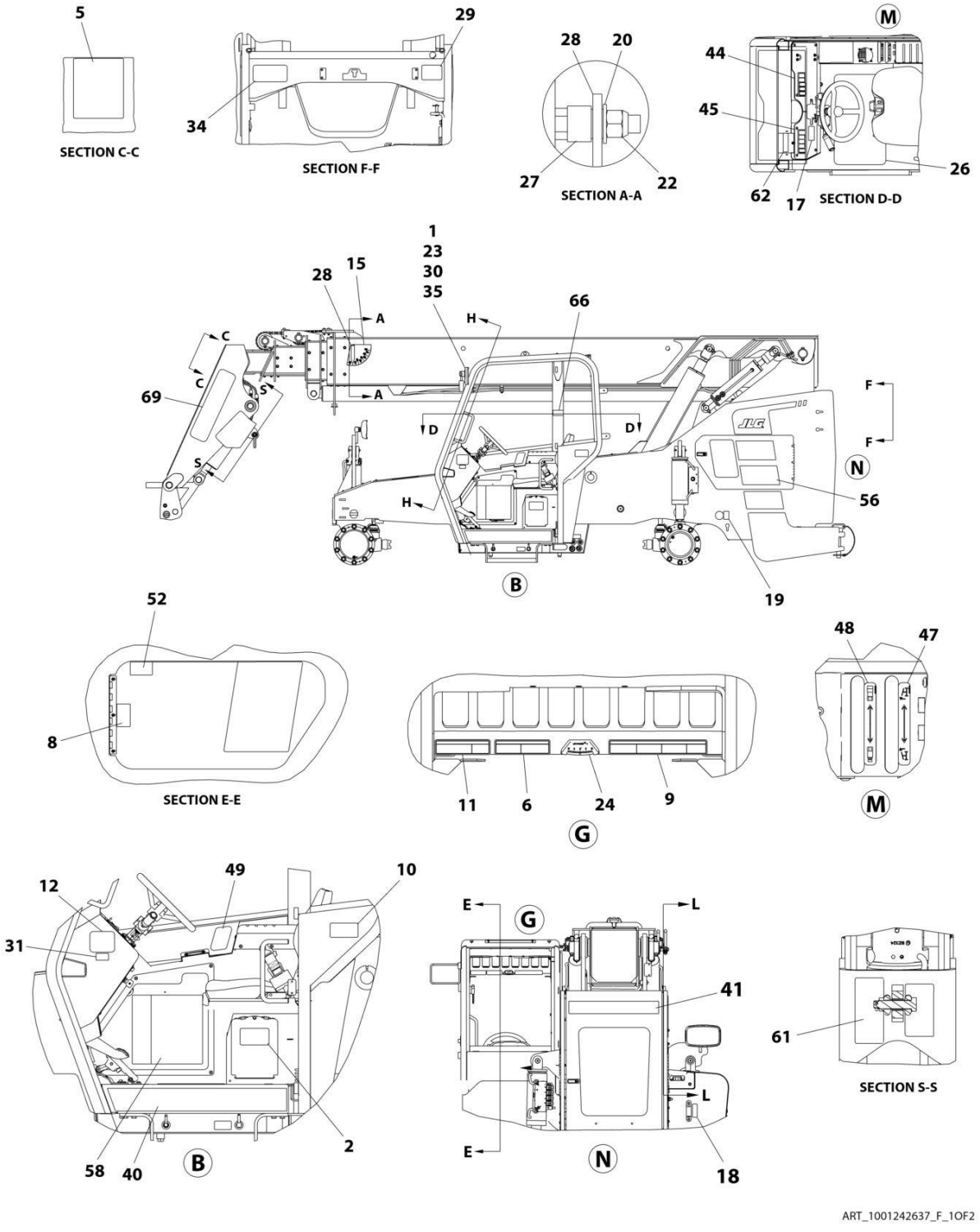
FIGURE 11-18. DECALS INSTALLATION 74HP (ENGLISH/FRENCH SPECS) (PVC2005) (10042)

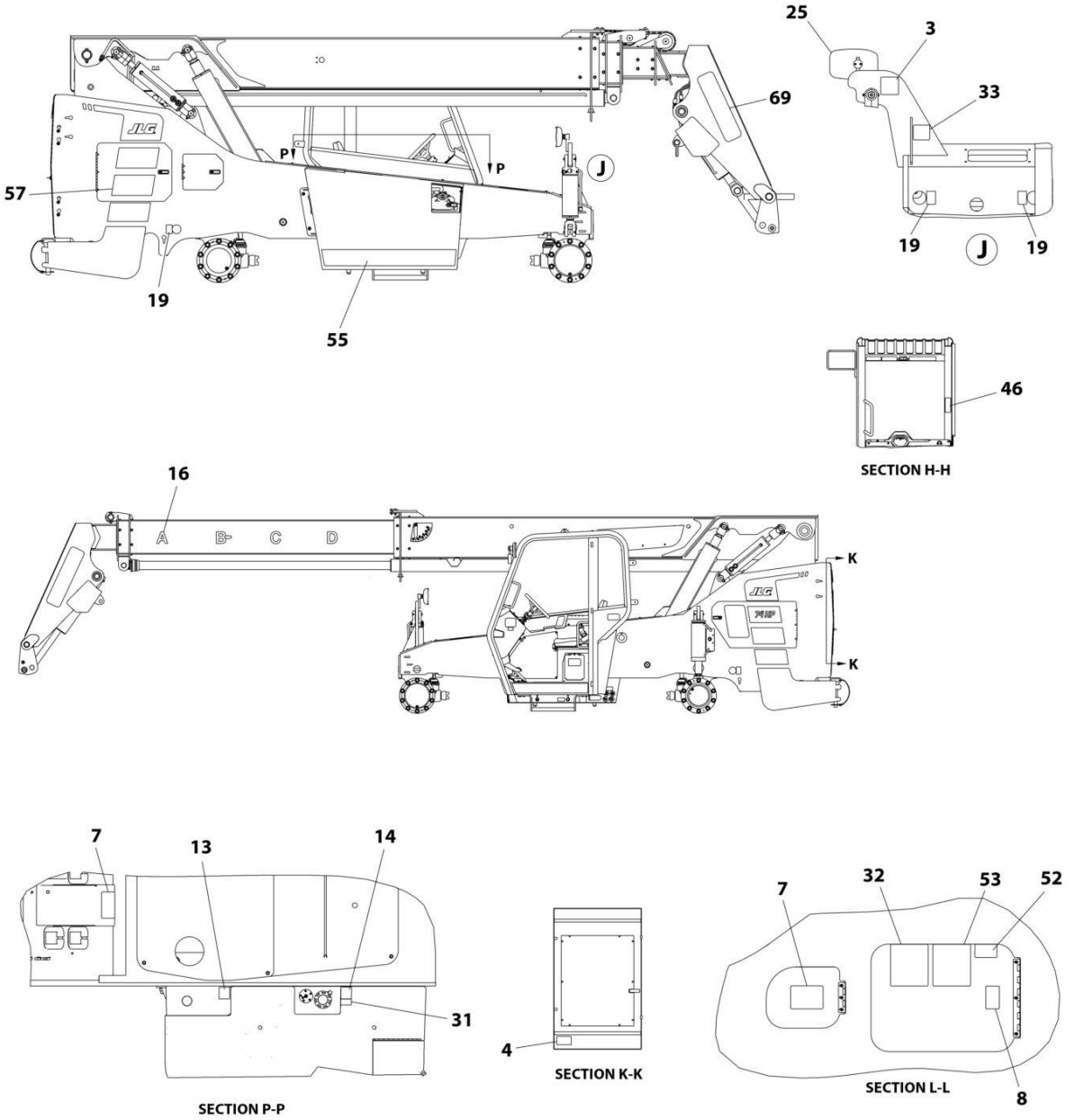
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213438	Ref	DECALS INSTALLATION - 74HP (ENGLISH/FRENCH SPECS)	L
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001163174	1	Decal, Battery Warning (CAN)	
5	1001163206	1	Decal, Carry Personnel (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	1001191995	1	Decal, Lubrication Chart (10042)	
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	
61	1001211278	1	Decal, Swinging Load Decal Kit (CAN)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
62	1001219211	1	Decal, Brake Fluid Spec	
64	1001223453	1	Decal, ICES (CAN)	
69	1001263590	2	Decal, Model Boom Head	

SECTION 11 - DECALS

FIGURE 11-19. DECALS INSTALLATION 74HP (ENGLISH/SPANISH SPECS) (10042)




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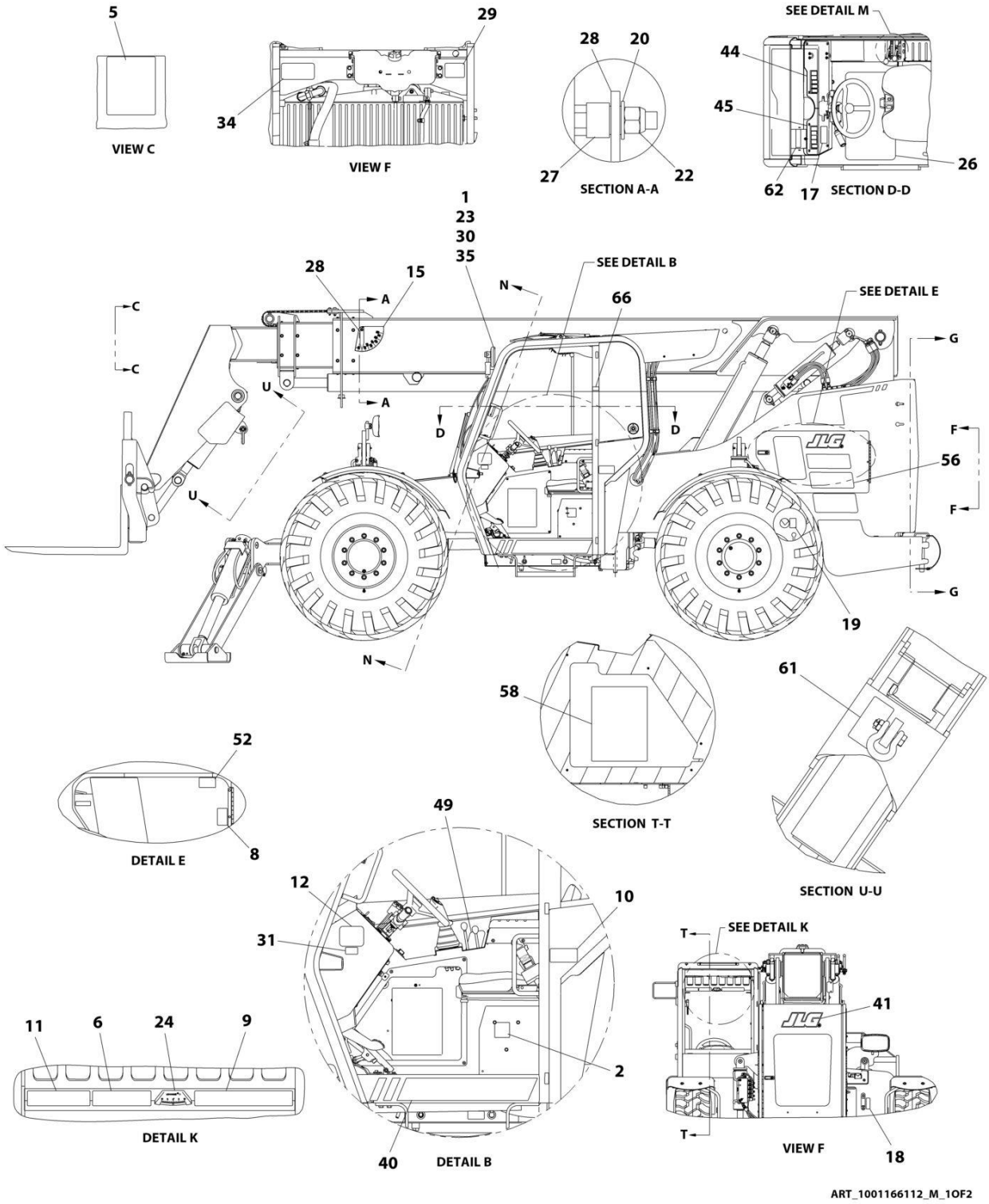
SECTION 11 - DECALS

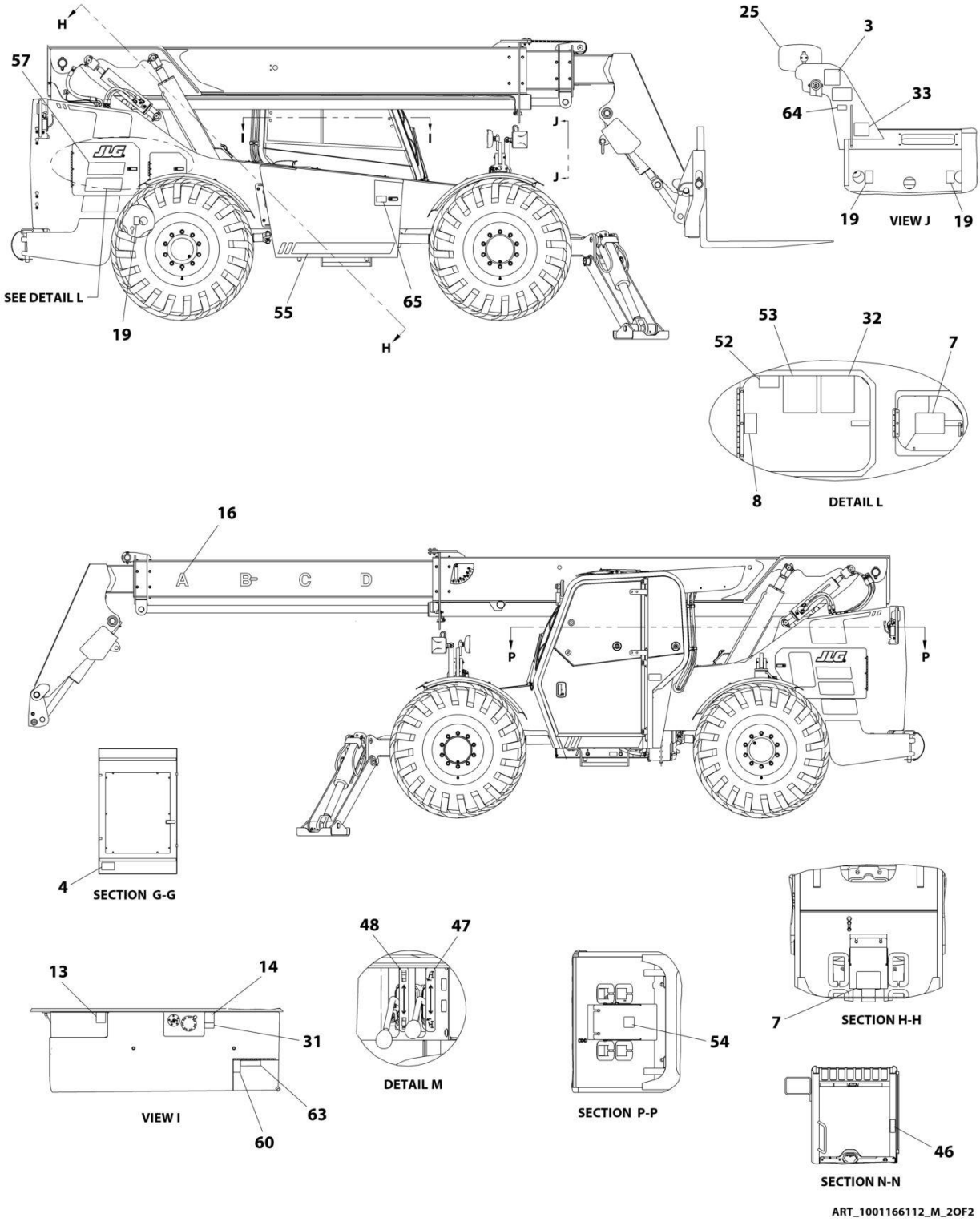
FIGURE 11-19. DECALS INSTALLATION 74HP (ENGLISH/SPANISH SPECS) (10042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242637	Ref	DECALS INSTALLATION - 74HP (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	1001191995	1	Decal, Lubrication Chart (10042)	
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	
61	1001246078	1	Decal, Danger Swinging Load Boom (SPAN)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
62	1001219211	1	Decal, Brake Fluid Spec	
66	1001242179	1	Decal, Danger Swinging Load Boom Head (SPAN)	
69	1001263590	2	Decal, Model Boom Head	

FIGURE 11-20. DECALS INSTALLATION 110HP ULS (ANSI SPECS) (PVC1911) (10042)




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DETAIL L
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SECTION 11 - DECALS

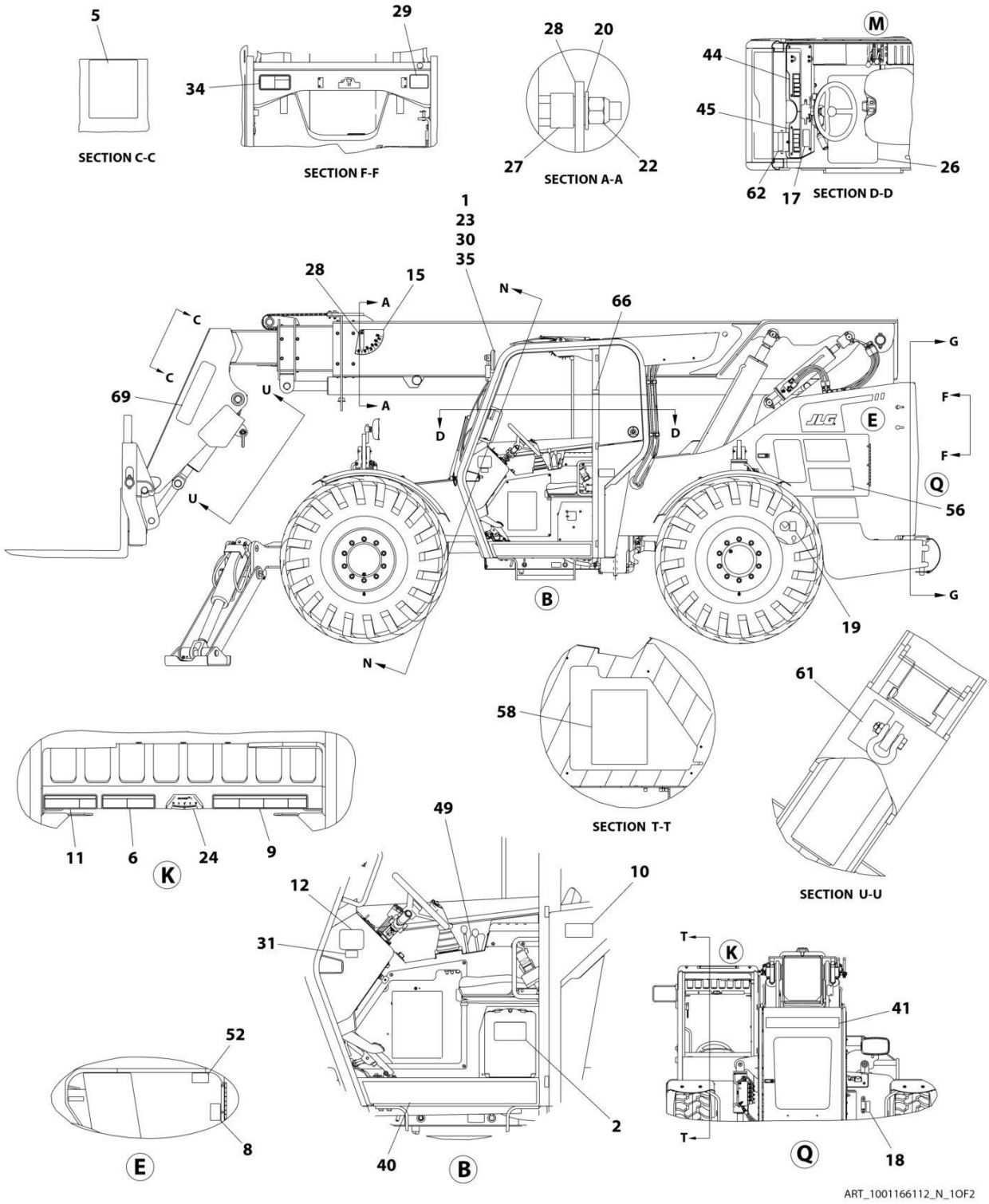
FIGURE 11-20. DECALS INSTALLATION 110HP ULS (ANSI SPECS) (PVC1911) (10042)

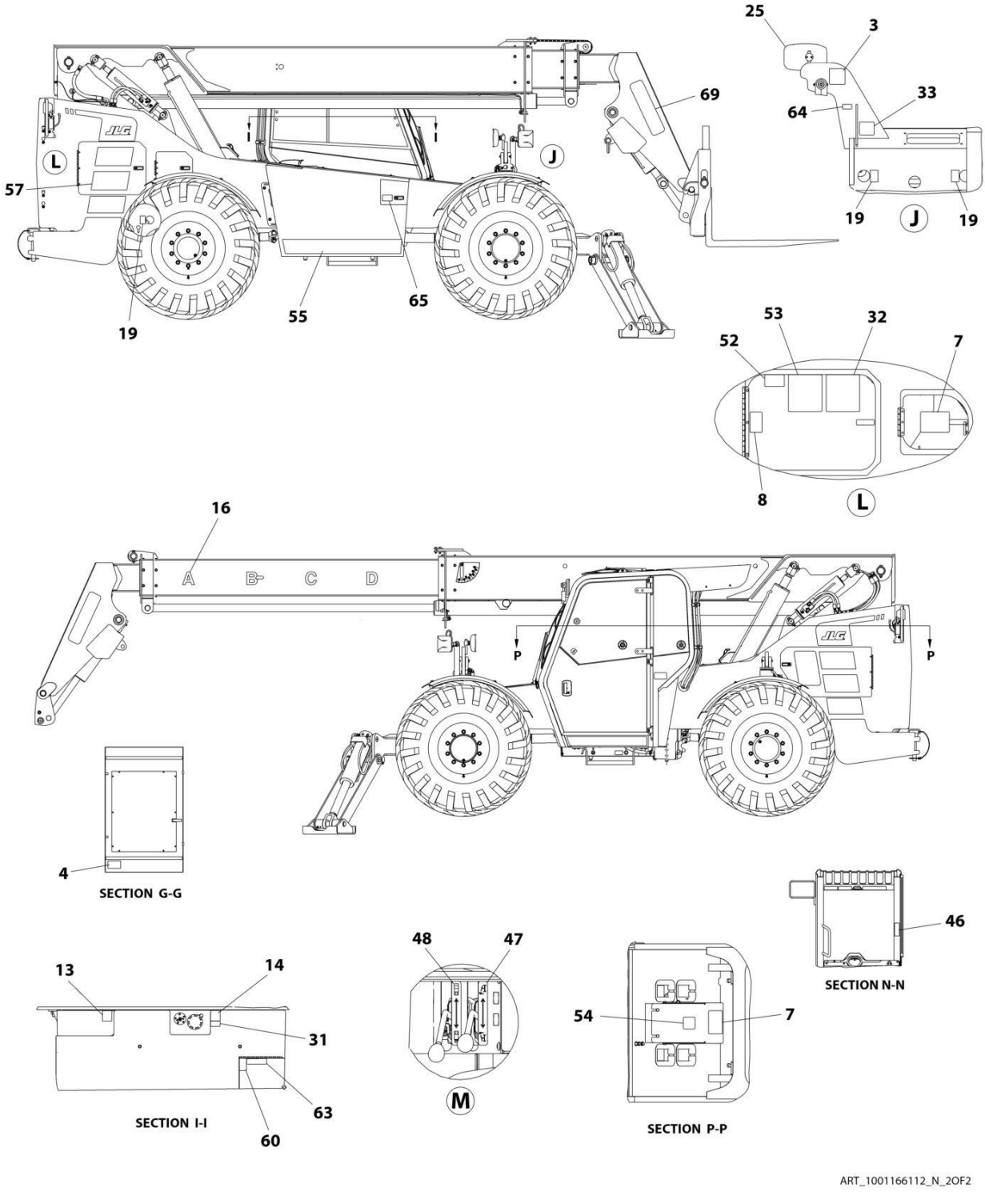
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166112	Ref	Decal Installation (ANSI) 110HP	M
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1706296	1	Decal, Battery Warning (ANSI)	
5	1706298	1	Decal, Carry Personnel	
6	1706299	1	Decal, Contacting Power Lines Warning	
7	1706300	2	Decal, Ether Warning	
8	1706301	2	Decal, Keep Clear of Rotating Parts Warning	
9	1706306	1	Decal, Tip Over Warning	
10	1706768	1	Decal, No Riders	
11	1706850	1	Decal, Crush Hazard Warning	
12	3251813	1	Decal, USA	
13	4100181	1	Decal, Hydraulic Oil Fill	
14	1001189017	1	Decal, Diesel Fuel Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
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, Book Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001125387	2	Decal, Ultra Low Sulfur Fuel	
32	1001191995	1	Decal, Lubrication Chart (10042)	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001139578	1	Decal, Hot Fluid Warning	
35	1001148177	1	Mirror, Rectangular	
40	1001157273	1	Decal, Cab (10042)	
41	1001157274	1	Decal, Rear Door JLG Logo	
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	1001179354	1	Decal, Tank (10042)	
56	1001179380	1	Decal, LH Rear Frame Stripe	
57	1001179381	1	Decal, RH Rear Frame Stripe	
58	1001189327	1	Decal, Main Fuse Panel	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
60	1001196806	1	Decal, Diesel Exhaust Fluid	
61	1001207217	1	Decal, Danger Swinging Load	
62	1001218659	1	Decal, Brake Fluid Spec	
63	1001219212	1	Decal, DEF Fluid	
64	1001223453	1	Decal, ICES (CAN)	
65	1001230307	1	Decal, Cummins DEF Service	
66	1001231801	1	Decal, Warning Prop 65 Diesel	

SECTION 11 - DECALS

FIGURE 11-21. DECALS INSTALLATION 110HP ULS (ANSI SPECS) (PVC2005) (10042)




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SECTION 11 - DECALS

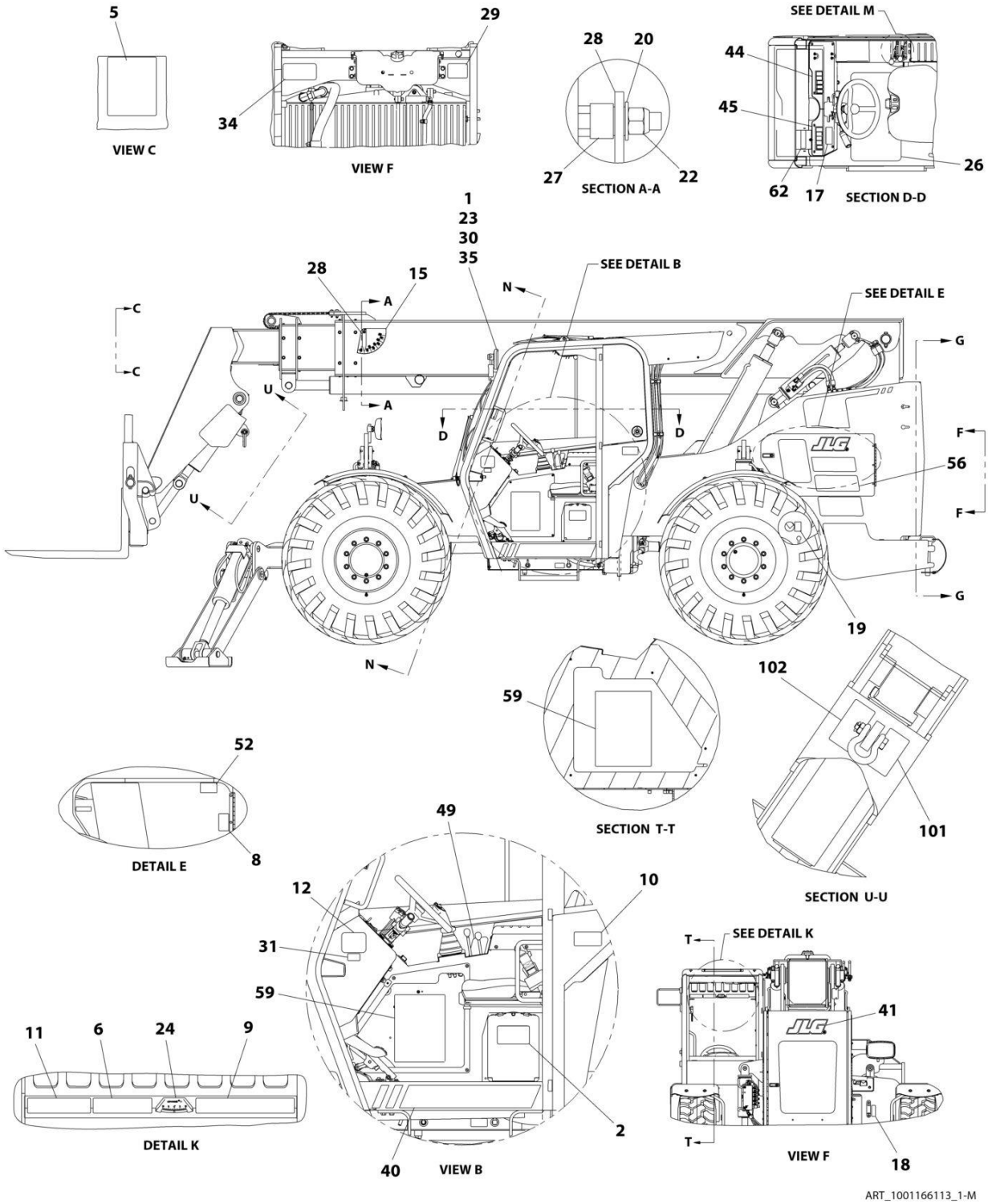
FIGURE 11-21. DECALS INSTALLATION 110HP ULS (ANSI SPECS) (PVC2005) (10042)

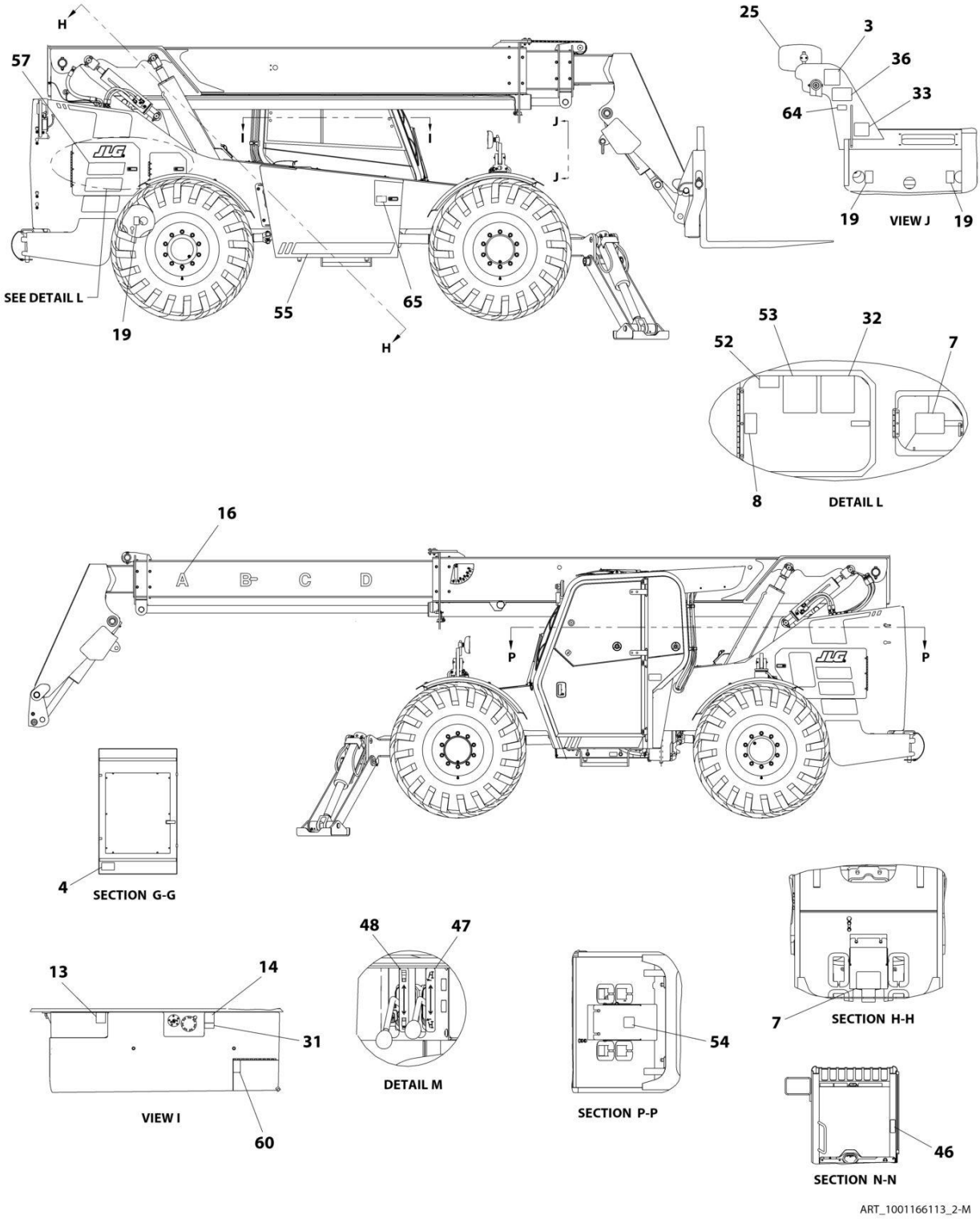
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166112	Ref	Decal Installation (ANSI) 110HP	N
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1706296	1	Decal, Battery Warning (ANSI)	
5	1706298	1	Decal, Carry Personnel	
6	1706299	1	Decal, 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	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, Book Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001125387	2	Decal, Ultra Low Sulfur Fuel	
32	1001191995	1	Decal, Lubrication Chart (10042)	
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, Left Side Stripe	
57	1001259306	1	Decal, Right Side Stripe	
58	1001189327	1	Decal, Main Fuse Panel	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
60	1001196806	1	Decal, Diesel Exhaust Fluid	
61	1001207217	1	Decal, Danger Swinging Load	
62	1001218659	1	Decal, Brake Fluid Spec	
63	1001219212	1	Decal, DEF Fluid	
64	1001223453	1	Decal, ICES (CAN)	
65	1001230307	1	Decal, Cummins DEF Service	
66	1001231801	1	Decal, Warning Prop 65 Diesel	
69	1001263590	2	Decal, Model Boom Head	

SECTION 11 - DECALS

FIGURE 11-22. DECALS INSTALLATION 110HP ULS (ENGLISH/FRENCH SPECS) (PVC1911) (10042)




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SEE DETAIL L
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VIEW J
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DETAIL L
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DETAIL M
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SECTION P-P
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SECTION 11 - DECALS

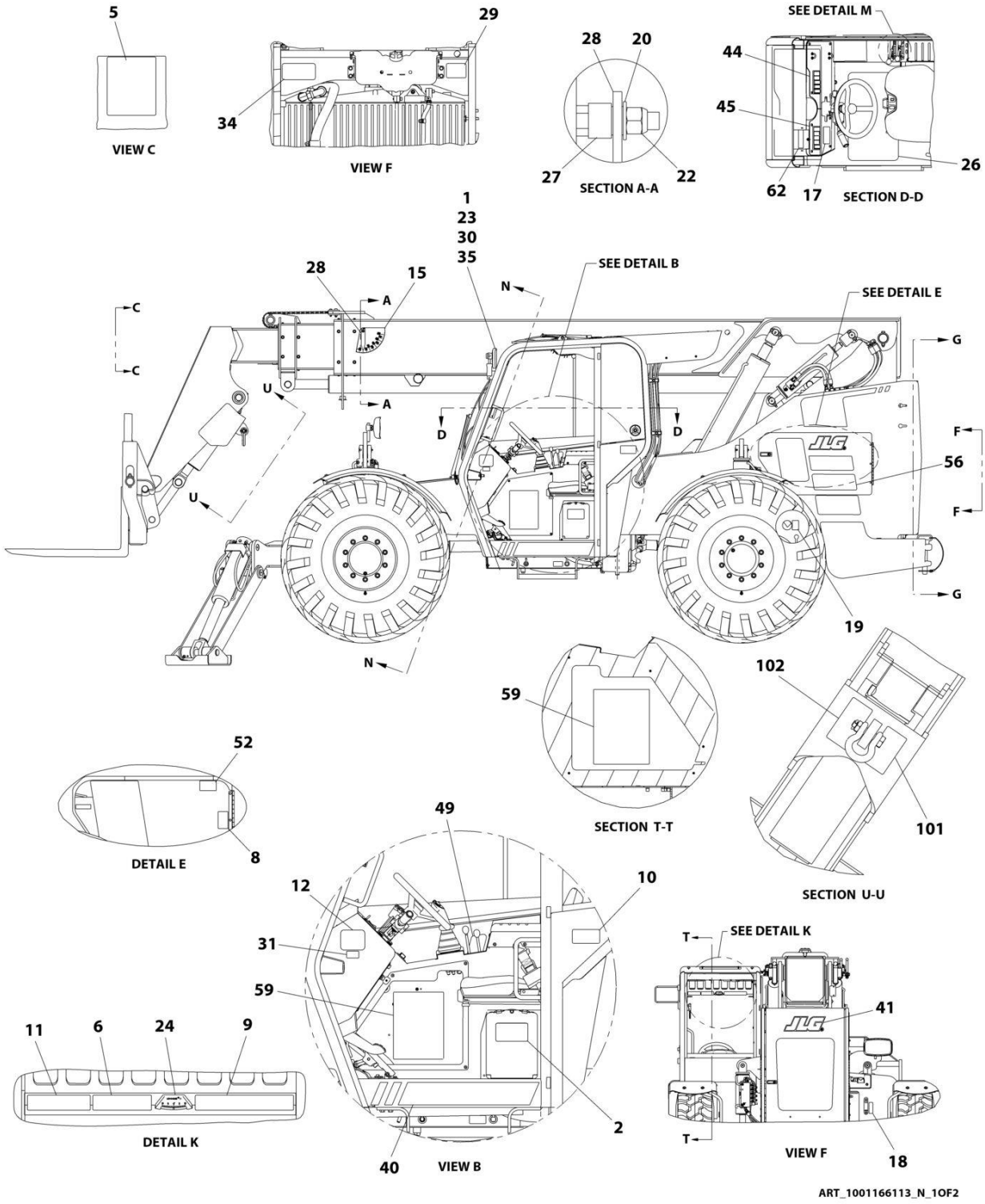
FIGURE 11-22. DECALS INSTALLATION 110HP ULS (ENGLISH/FRENCH SPECS) (PVC1911) (10042)

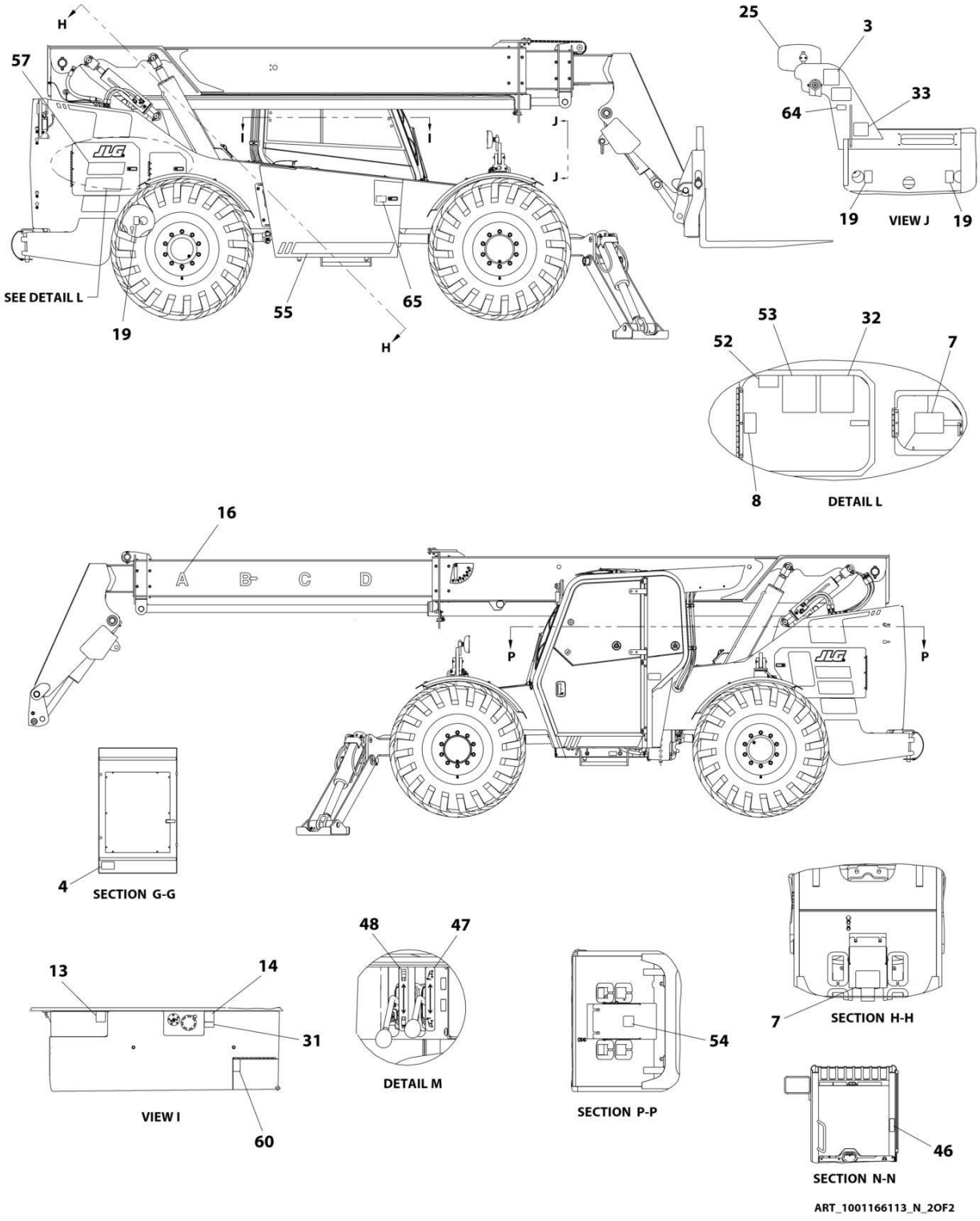
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166113	Ref	Decal Installation (ENGLISH/FRENCH) 110HP	M
1	0700610	2	Bolt M6 X 20	
2	1701640	1	Decal, Manual	
3	See Note	1	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001163174	1	Decal, Battery Warning (CAN)	
5	1001163206	1	Decal, Carry Personnel (CAN)	
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 3/8	
23	8307024	2	Washer M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror, RH	
26	10139087	1	Tread, Safety	
27	1001096404	1	Sleeve, Angle Indicator Spacer	
28	1001098769	1	Plate, Boom Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001163355	2	Decal, Ultra Low Sulfur Fuel (CAN)	
32	1001191995	1	Decal, Lubrication Chart (10042)	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001163323	1	Decal, Hot Fluid Warning (CAN)	
35	1001148177	1	Mirror, Rectangular	
36	N.S.S.	1	S/N Plate	
40	1001157273	1	Decal, Cab (10042)	
41	1001157274	1	Decal, Rear Door JLG Logo	
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	1001179354	1	Decal, Tank (10042)	
56	1001179380	1	Decal, LH Rear Frame Stripe	
57	1001179381	1	Decal, RH Rear Frame Stripe	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
59	1001189327	1	Decal, Main Fuse Panel	
60	1001196806	1	Decal, Diesel Exhaust Fluid	
62	1001219211	1	Decal, Brake Fluid Spec	
64	1001223453	1	Decal, ICES (CAN)	
65	1001230309	1	Decal, EN/FR Cummins DEF Tank Service	
101	1001210581	1	Decal, Danger Swing Load Boom Head	
102	1001210582	1	Decal, Capacity Rating Boom Head	

SECTION 11 - DECALS

FIGURE 11-23. DECALS INSTALLATION 110HP ULS (ENGLISH/FRENCH SPECS) (PVC2005) (10042)




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DETAIL L
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SECTION G-G
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VIEW I
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DETAIL M
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SECTION 11 - DECALS

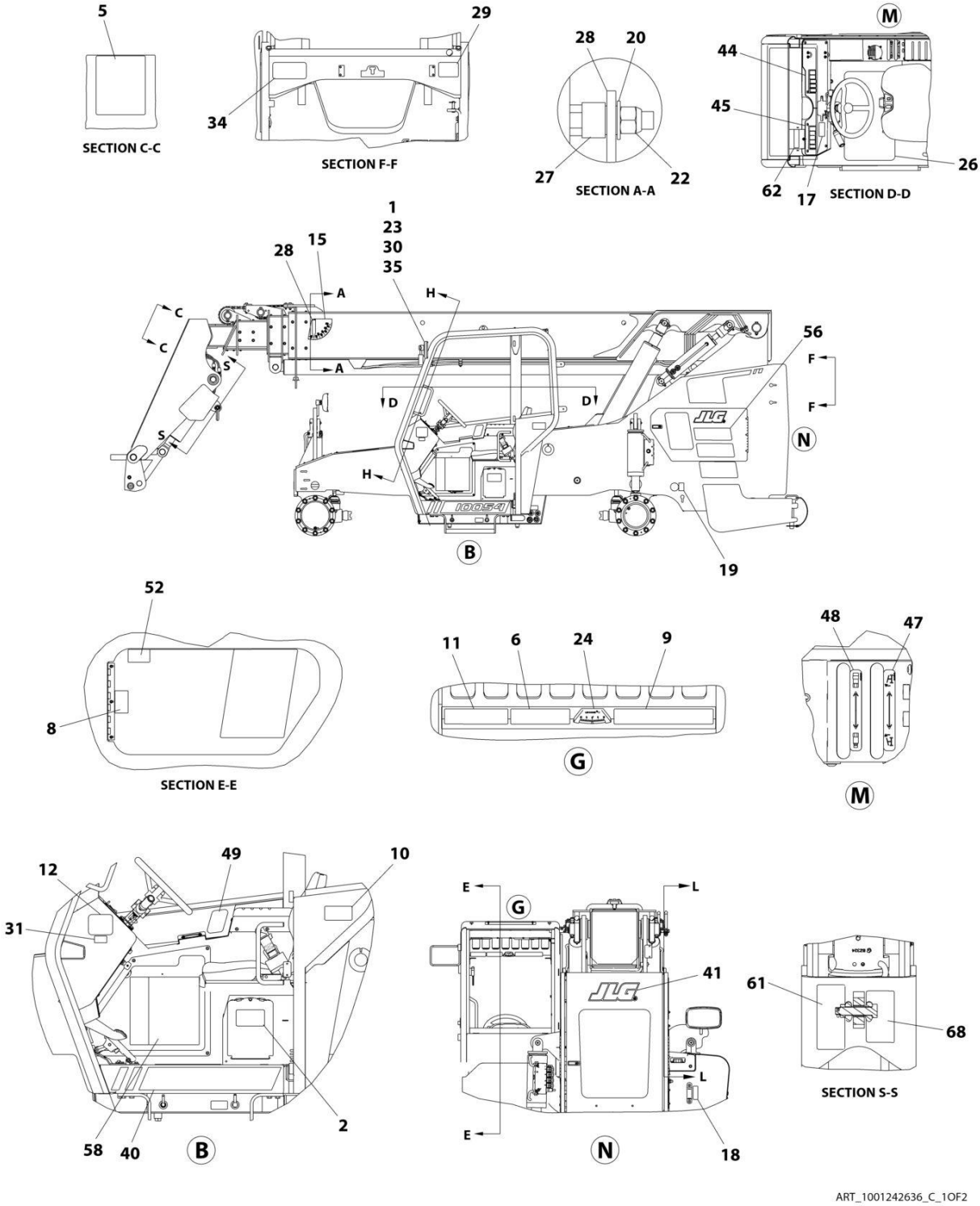
FIGURE 11-23. DECALS INSTALLATION 110HP ULS (ENGLISH/FRENCH SPECS) (PVC2005) (10042)

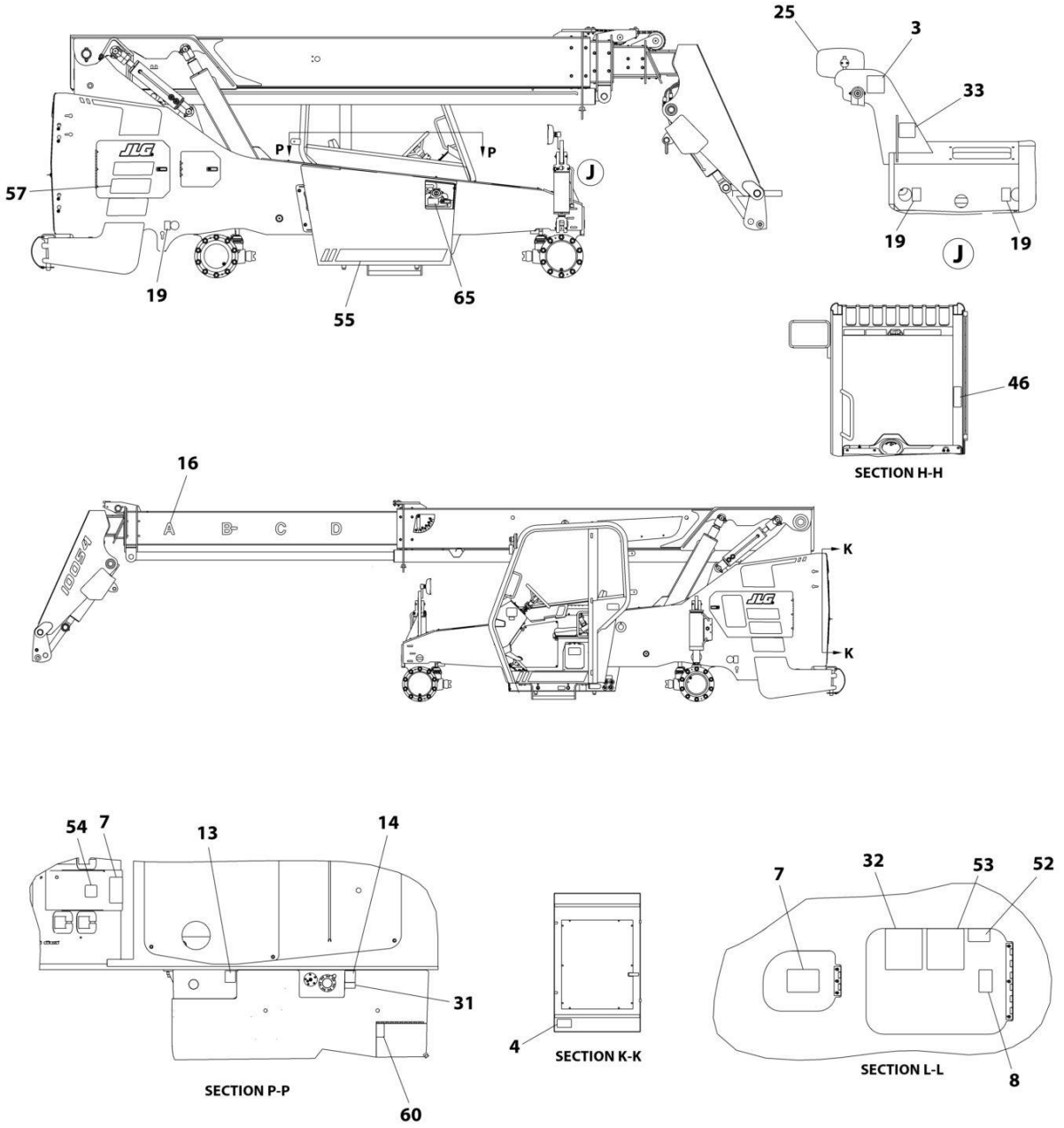
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166113	Ref	Decal Installation (ENGLISH/FRENCH) 110HP	N
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001163174	1	Decal, Battery Warning (CAN)	
5	1001163206	1	Decal, Carry Personnel (CAN)	
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	1001191995	1	Decal, Lubrication Chart (10042)	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001163323	1	Decal, Hot Fluid Warning (CAN)	
35	1001148177	1	Mirror, Rectangular	
40	1001157273	1	Decal, Cab (10042)	
41	1001157274	1	Decal, Rear Door JLG Logo	
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	1001179354	1	Decal, Tank (10042)	
56	1001179380	1	Decal, LH Rear Frame Stripe	
57	1001179381	1	Decal, RH Rear Frame Stripe	
59	1001189327	1	Decal, Main Fuse Panel	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
60	1001196806	1	Decal, Diesel Exhaust Fluid	
62	1001219211	1	Decal, Brake Fluid Spec	
64	1001223453	1	Decal, ICES (CAN)	
65	1001230309	1	Decal, EN/FR Cummins DEF Tank Service	
101	1001210581	1	Decal, Danger Swing Load Boom Head	
102	1001210582	1	Decal, Capacity Rating Boom Head	

SECTION 11 - DECALS

FIGURE 11-24. DECALS INSTALLATION 110HP ULS (ENGLISH/SPANISH SPECS) (PVC1911) (10042)





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SECTION 11 - DECALS

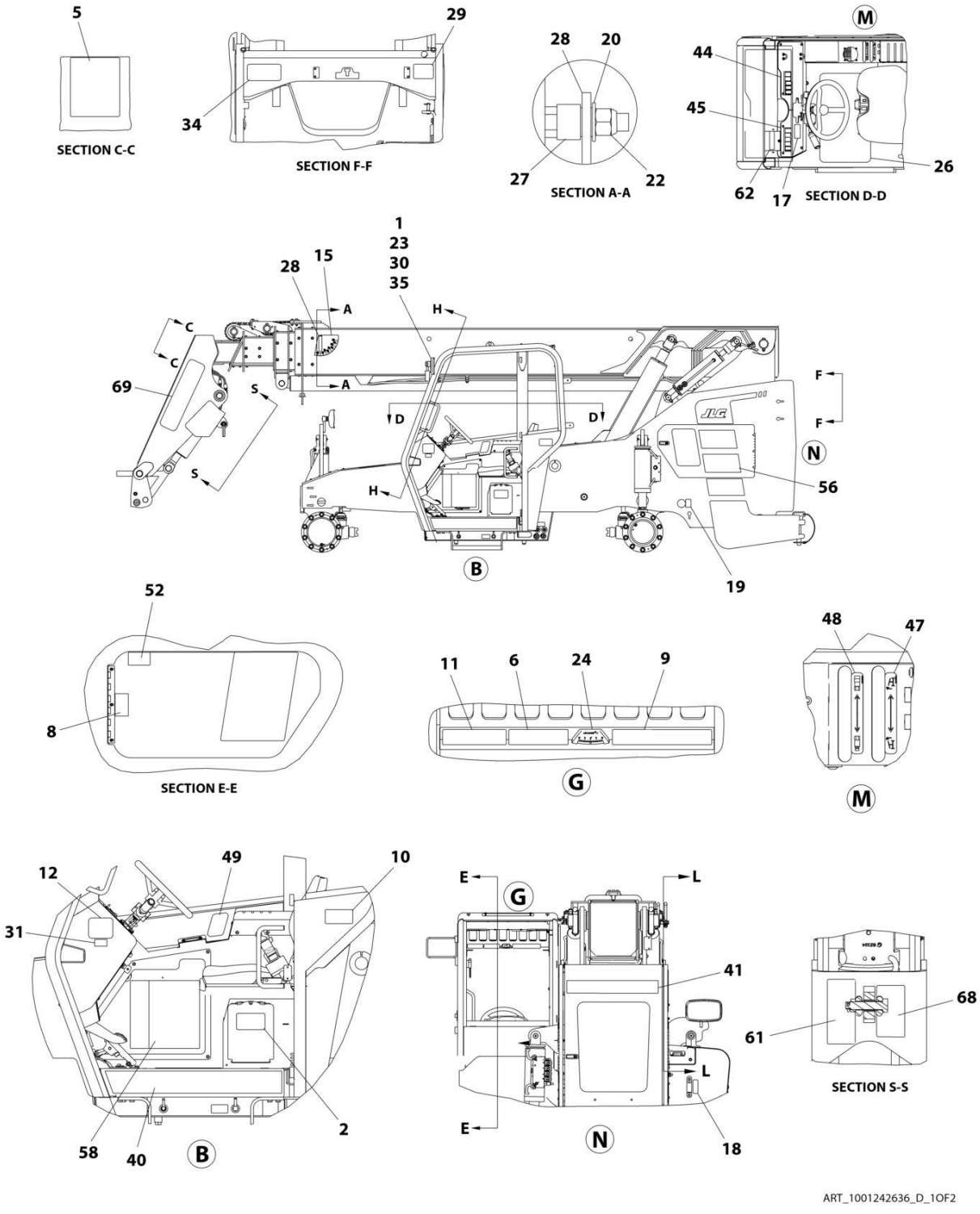
FIGURE 11-24. DECALS INSTALLATION 110HP ULS (ENGLISH/SPANISH SPECS) (PVC1911) (10042)

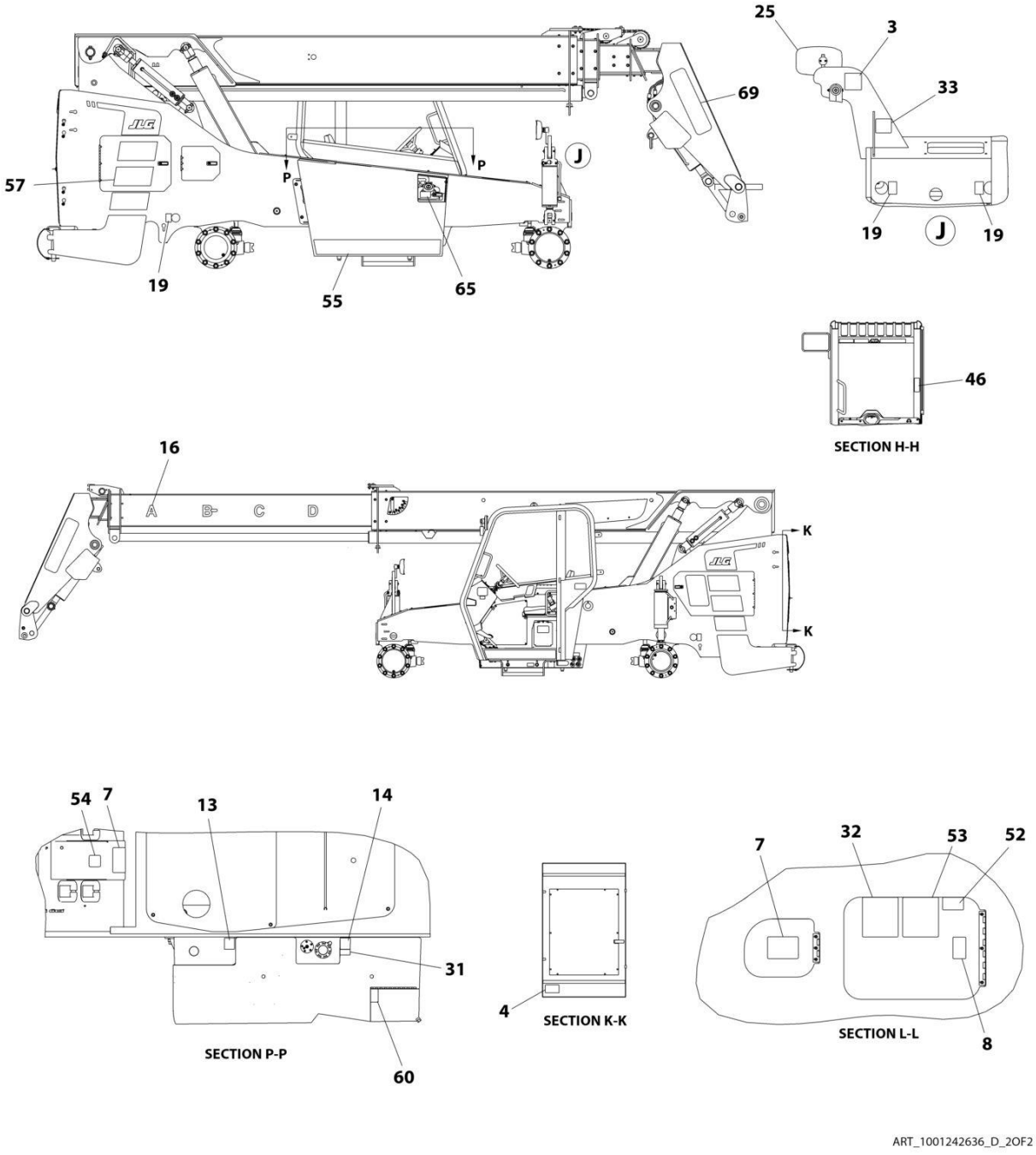
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242636	Ref	Decal Installation (ENG/SPAN) 110HP	C
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001235794	1	Decal, Battery Warning (SPAN)	
5	1001235796	1	Decal, Carry Personnel (SPAN)	
6	1001235797	1	Decal, Electrocution Hazard (SPAN)	
7	1001235798	2	Decal, 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	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	1001191995	1	Decal, Lubrication Chart (10042)	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001235805	1	Decal, Hot Fluid Warning	
35	1001148177	1	Mirror, Rectangular	
40	1001157273	1	Decal Cab (10042)	
41	1001157274	1	Decal, Rear Door JLG Logo	
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	1001236312	2	Decal, MCO 110HP	
53	1001174152	1	Decal, Maintenance Chart	
54	1001142452	1	Decal, No Step	
55	1001179354	1	Decal, Tank (10042)	
56	1001179380	1	Decal, LH Rear Frame Stripe	
57	1001179381	1	Decal, RH Rear Frame Stripe	
58	1001189327	1	Decal, Main Fuse Panel	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
60	1001196806	1	Decal, Diesel Exhaust Fluid	
61	1001246078	1	Decal, Danger Swinging Load Boom (SPAN)	
62	1001219211	1	Decal, Brake Fluid Spec	
65	1001242181	1	Decal, EN/FR Cummins DEF Tank Service	
68	1001242179	1	Decal, Danger Swinging Load Boom Head (SPAN)	

SECTION 11 - DECALS

FIGURE 11-25. DECALS INSTALLATION 110HP ULS (ENGLISH/SPANISH SPECS) (PVC 2005) (10042)




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SECTION 11 - DECALS

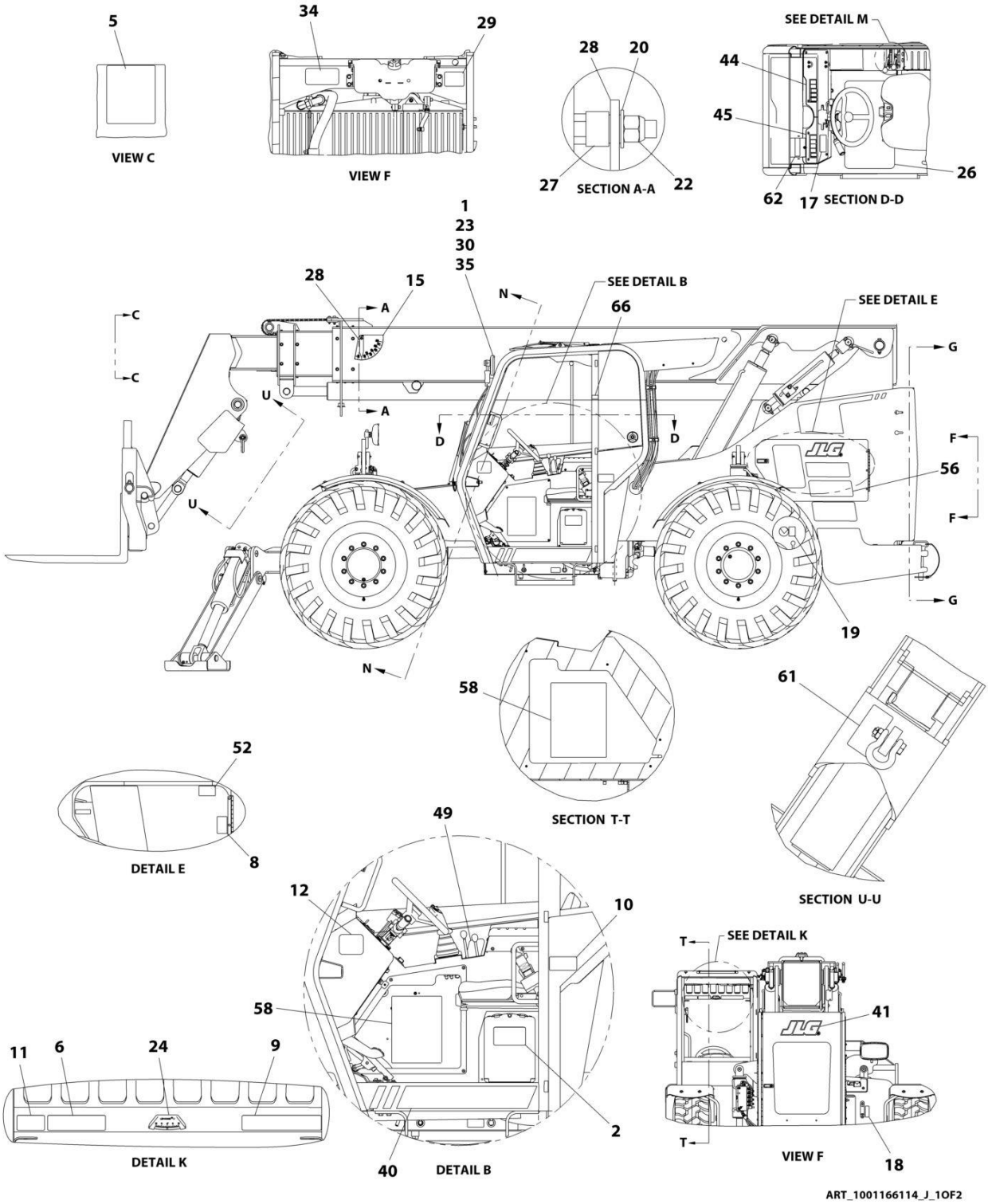
FIGURE 11-25. DECALS INSTALLATION 110HP ULS (ENGLISH/SPANISH SPECS) (PVC 2005) (10042)

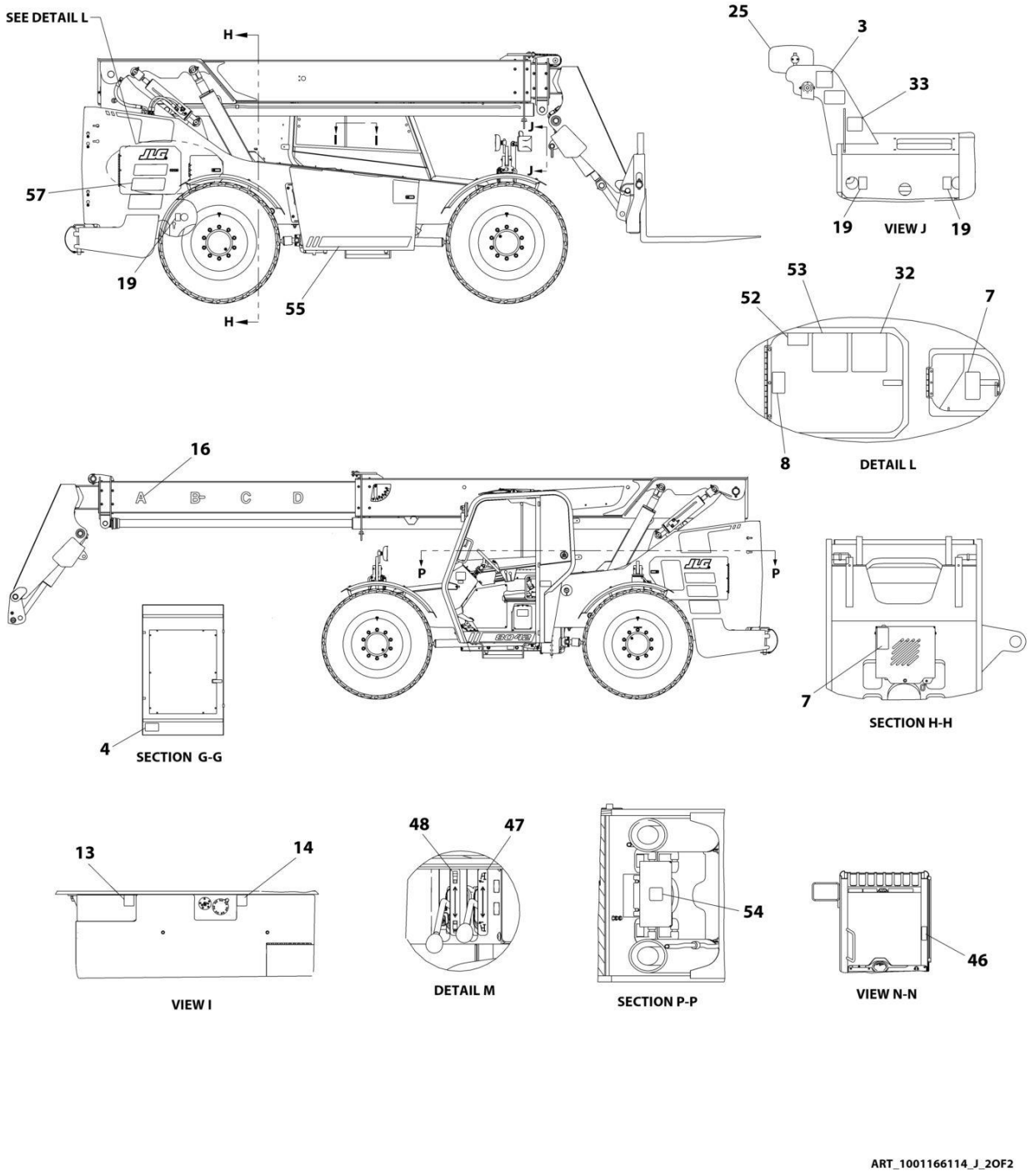
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242636	Ref	Decal Installation (ENG/SPAN) 110HP	D
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001235794	1	Decal, Battery Warning (SPAN)	
5	1001235796	1	Decal, Carry Personnel (SPAN)	
6	1001235797	1	Decal, Electrocution Hazard (SPAN)	
7	1001235798	2	Decal, 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	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	1001191995	1	Decal, Lubrication Chart (10042)	
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	1001236312	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
60	1001196806	1	Decal, Diesel Exhaust Fluid	
61	1001246078	1	Decal, Danger Swinging Load Boom (SPAN)	
62	1001219211	1	Decal, Brake Fluid Spec	
65	1001242181	1	Decal, EN/FR Cummins DEF Tank Service	
68	1001242179	1	Decal, Danger Swinging Load Boom Head (SPAN)	
69	1001263590	2	Decal, Model Boom Head	

SECTION 11 - DECALS

FIGURE 11-26. DECALS INSTALLATION 110HP LS (ISO DECALS) (PVC1911) (10042)




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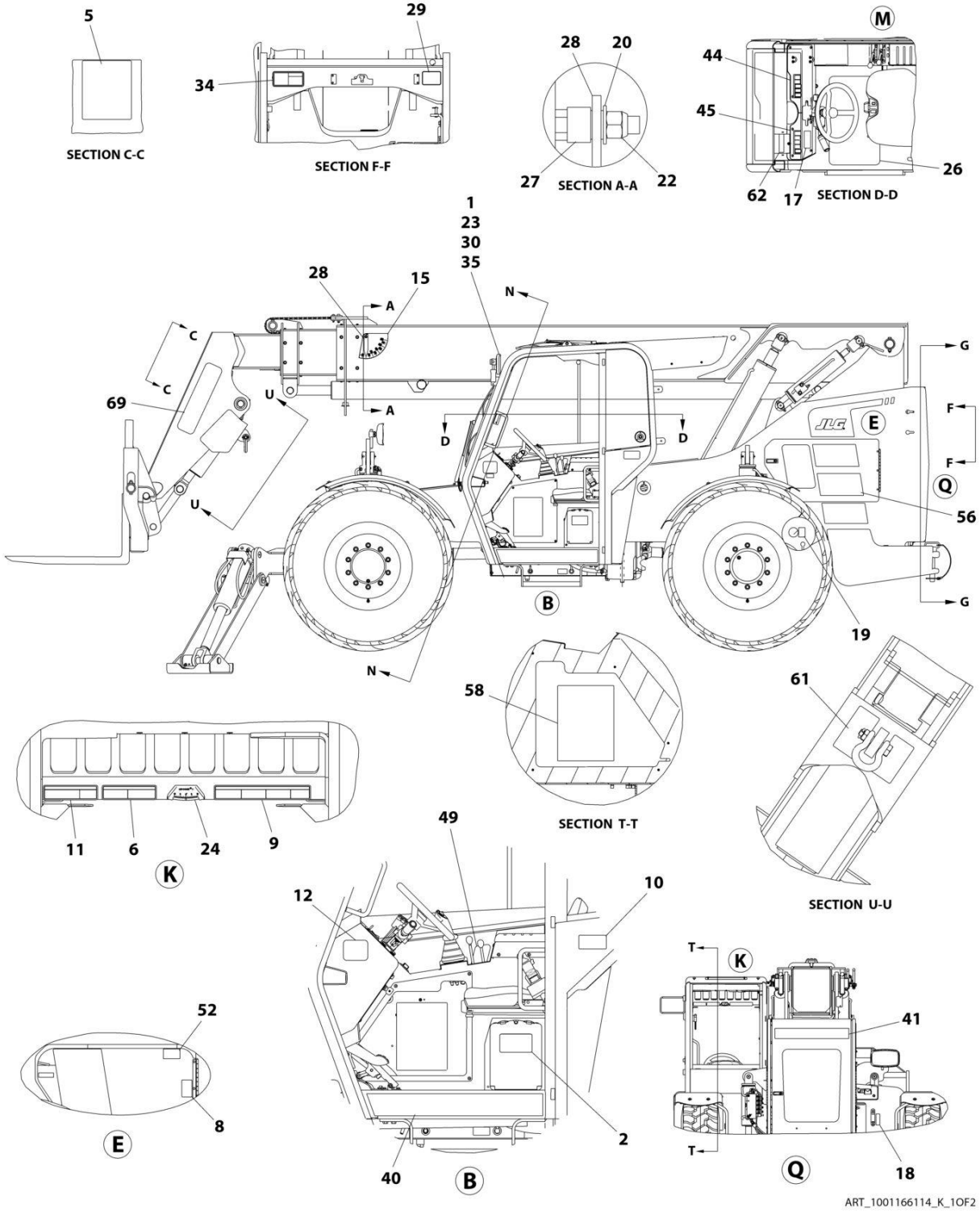
SECTION 11 - DECALS

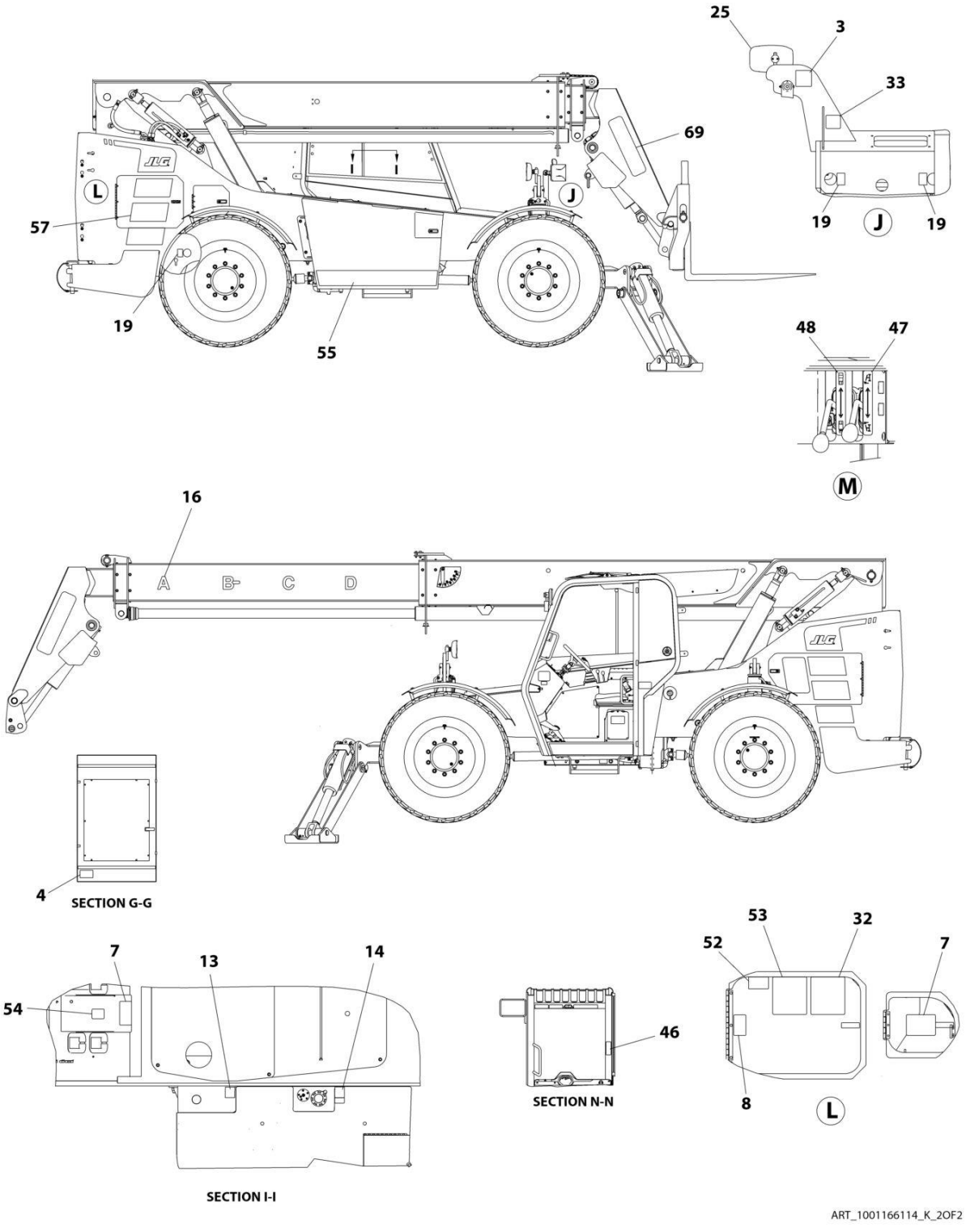
FIGURE 11-26. DECALS INSTALLATION 110HP LS (ISO DECALS) (PVC1911) (10042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166114	Ref	Decal Installation (ISO)	J
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	1001191995	1	Decal, Lubrication Chart (10042)	
33	1001131271	1	Decal, Telehandlers Patent	
34	1001139942	1	Decal, Hot Fluid Warning	
35	1001148177	1	Mirror, Rectangular	
40	1001157273	1	Decal, Cab (10042)	
41	1001157274	1	Decal, Rear Door JLG Logo	
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	1001179354	1	Decal Tank (10042)	
56	1001179380	1	Decal, LH Rear Frame Stripe	
57	1001179381	1	Decal, RH Rear Frame Stripe	
58	1001189327	1	Decal, Main Fuse Panel	
61	1001207218	1	Decal, Danger Swinging Load	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
62	1001219211	1	Decal, Brake Fluid Spec	

FIGURE 11-27. DECALS INSTALLATION 110HP LS (ISO DECALS) (PVC2005) (10042)




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SECTION 11 - DECALS

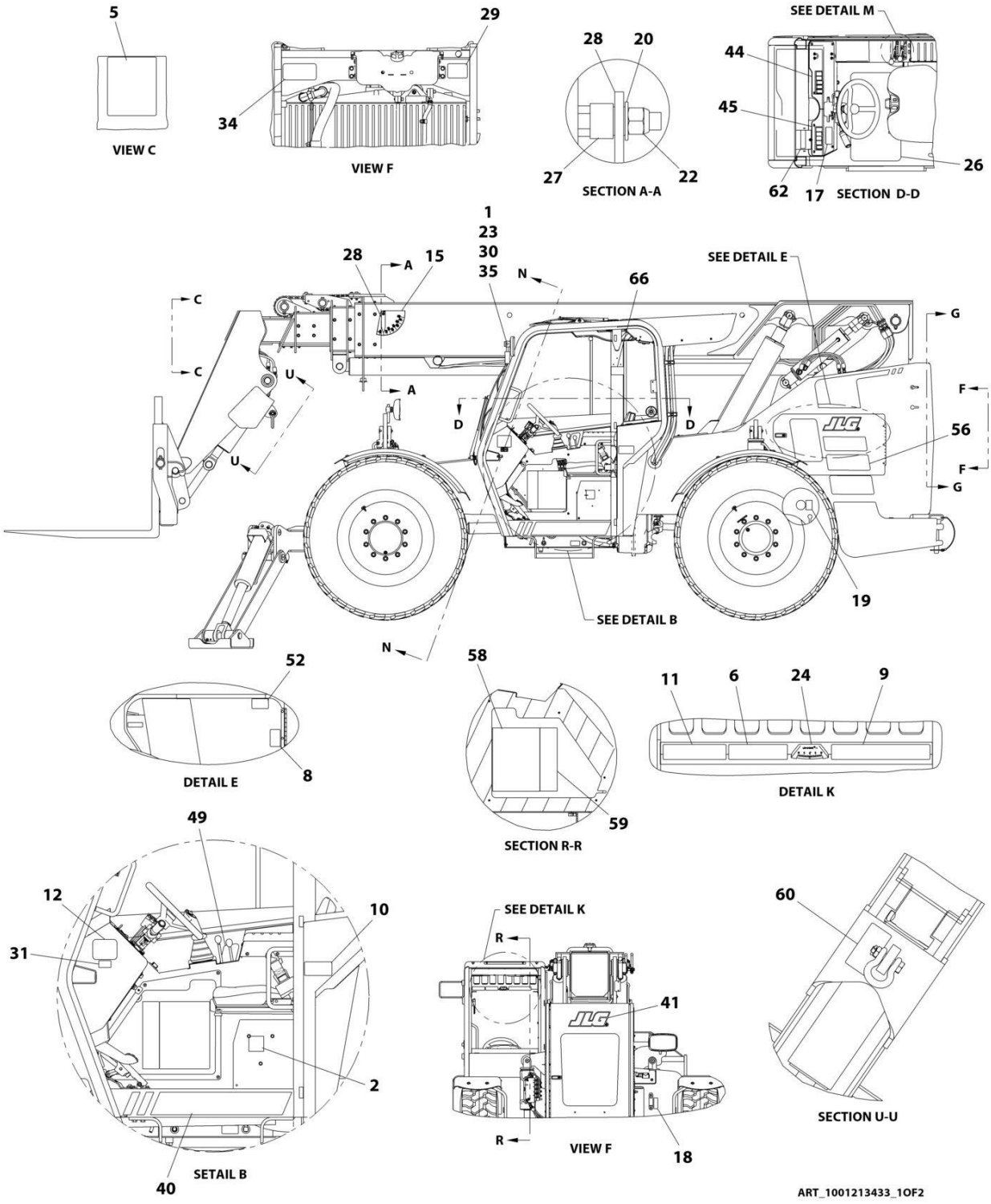
FIGURE 11-27. DECALS INSTALLATION 110HP LS (ISO DECALS) (PVC2005) (10042)

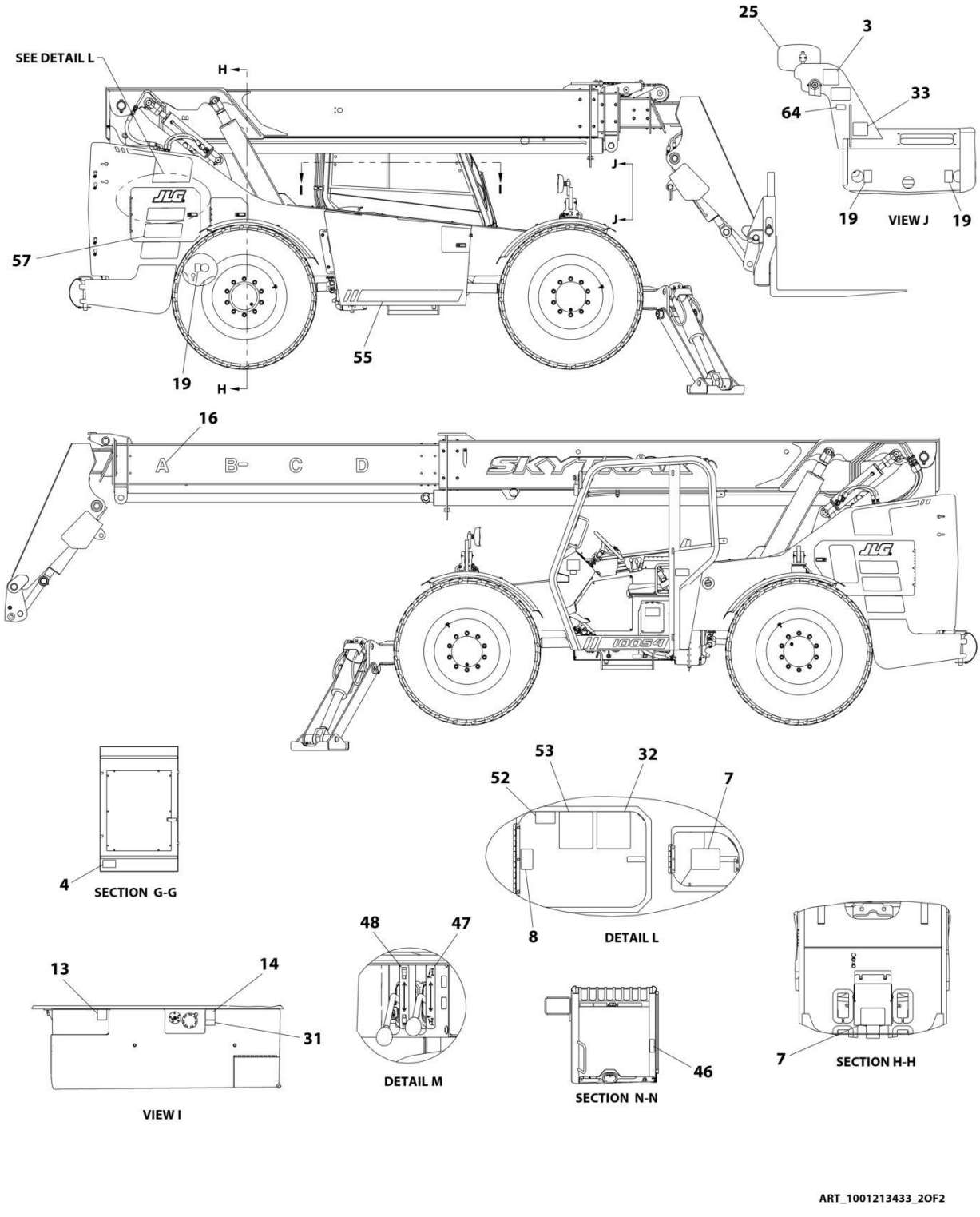
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166114	Ref	Decal Installation (ISO)	K
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1706281	1	Decal, Battery Warning	
5	1706282	1	Decal, Carry Personnel	
6	1706284	1	Decal, Electrocution 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	1001191995	1	Decal, Lubrication Chart (10042)	
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	
61	1001207218	1	Decal, Danger Swinging Load	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
62	1001219211	1	Decal, Brake Fluid Spec	
69	1001263590	1	Decal, Model Boom Head	

SECTION 11 - DECALS

FIGURE 11-28. DECALS INSTALLATION 74HP (ANSI SPECS) (PVC1911) (10054)




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SECTION 11 - DECALS

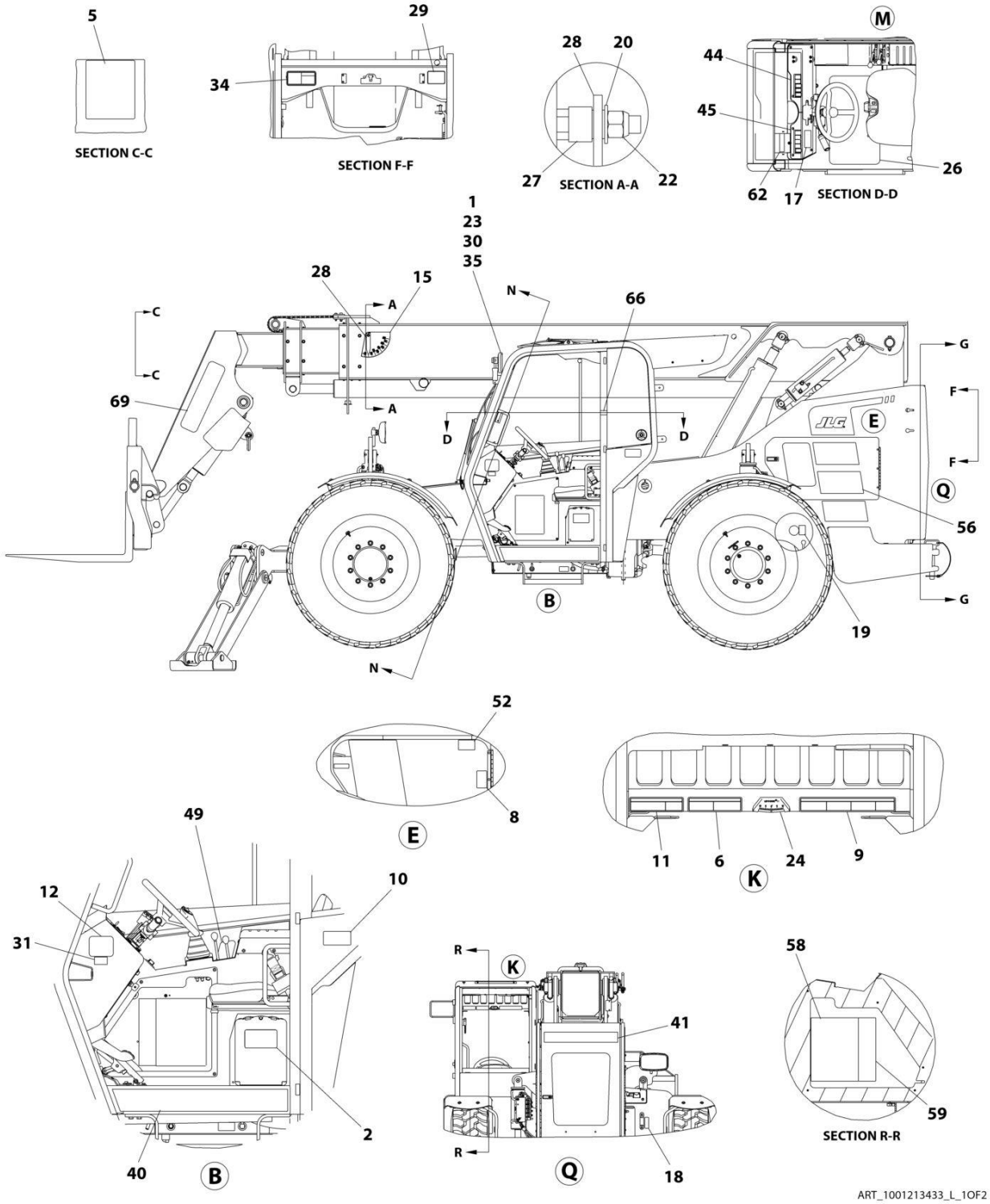
FIGURE 11-28. DECALS INSTALLATION 74HP (ANSI SPECS) (PVC1911) (10054)

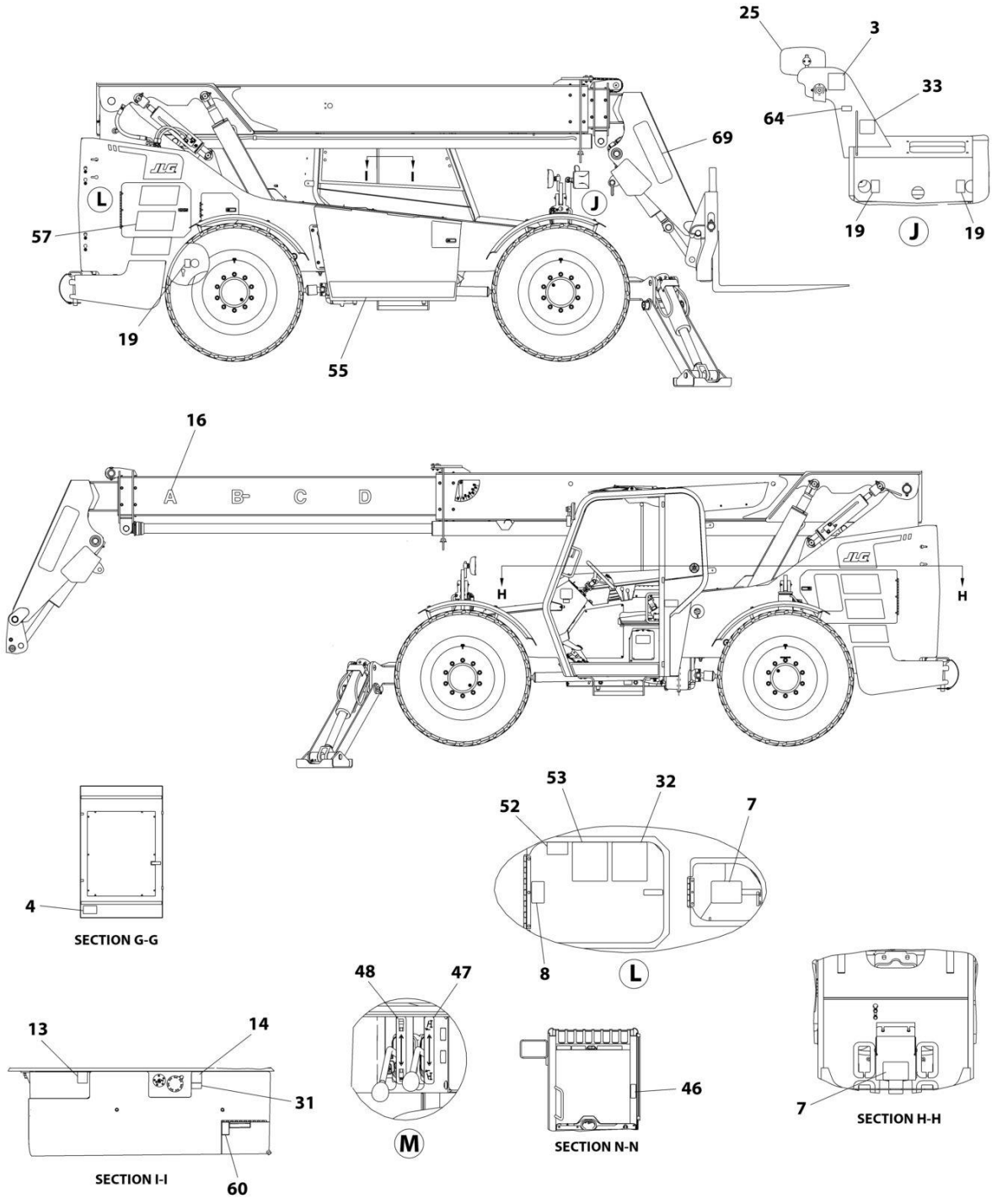
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213433	Ref	Decal Installation (ANSI) 74HP	I
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1706296	1	Decal, Battery Warning (ANSI)	
5	1706298	1	Decal, Carry Personnel	
6	1706299	1	Decal, Contacting Power Lines Warning	
7	1706300	2	Decal, Ether Warning	
8	1706301	2	Decal, Keep Clear of Rotating Parts Warning	
9	1706306	1	Decal, Tip Over Warning	
10	1706768	1	Decal, No Riders	
11	1706850	1	Decal, Crush Hazard Warning	
12	3251813	1	Decal, USA	
13	4100181	1	Decal, Hydraulic Oil Fill	
14	1001189017	1	Decal, Diesel Fuel Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
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, 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	1001157268	1	Decal, Cab (10054)	
41	1001157274	1	Decal, Rear Door JLG Logo	
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	1001179326	1	Decal, Tank 10054	
56	1001179380	1	Decal, LH Rear Frame Stripe	
57	1001179381	1	Decal, RH Rear Frame 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	

SECTION 11 - DECALS

FIGURE 11-29. DECALS INSTALLATION 74HP (ANSI SPECS) (PVC2005) (10054)




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SECTION 11 - DECALS

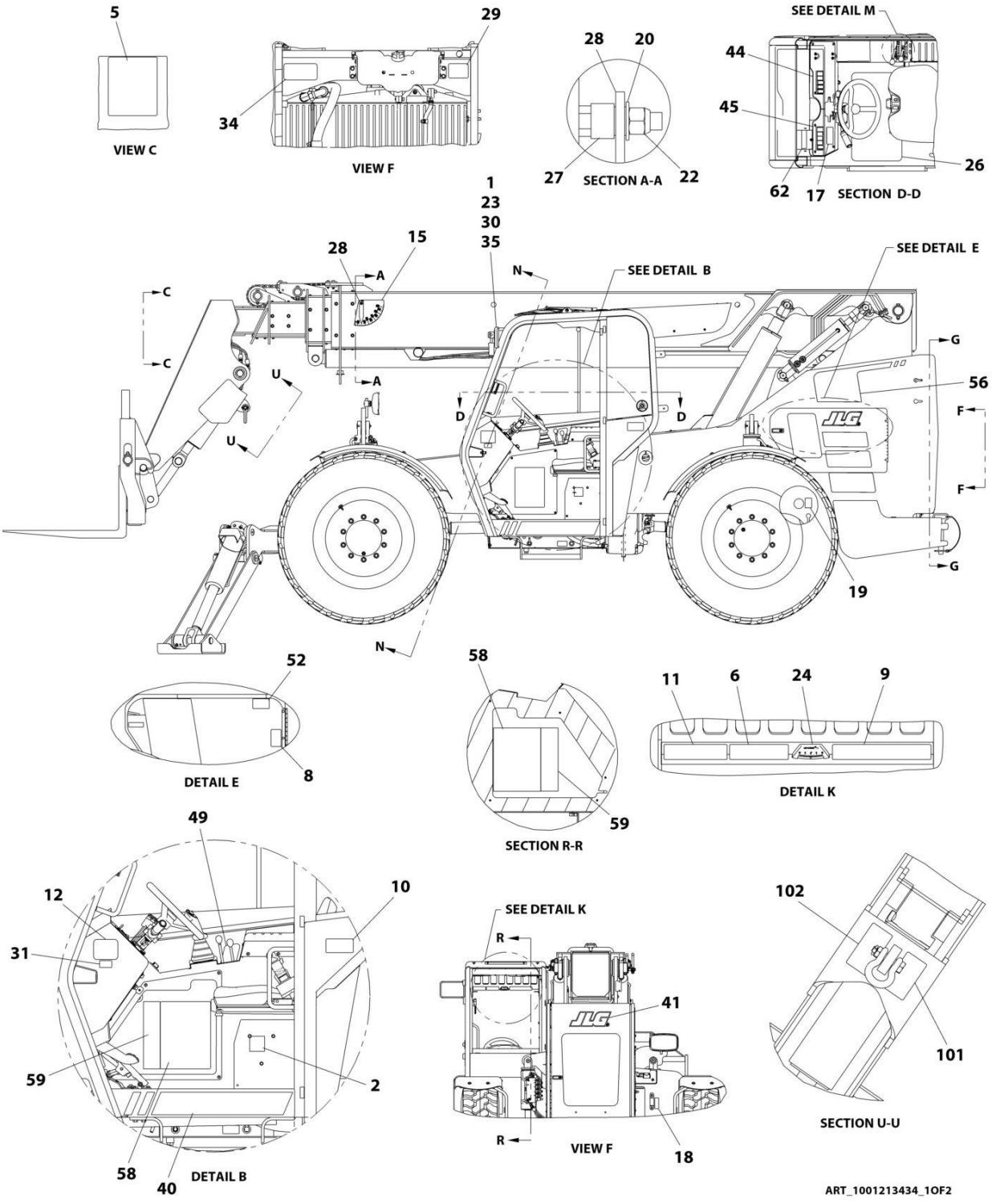
FIGURE 11-29. DECALS INSTALLATION 74HP (ANSI SPECS) (PVC2005) (10054)

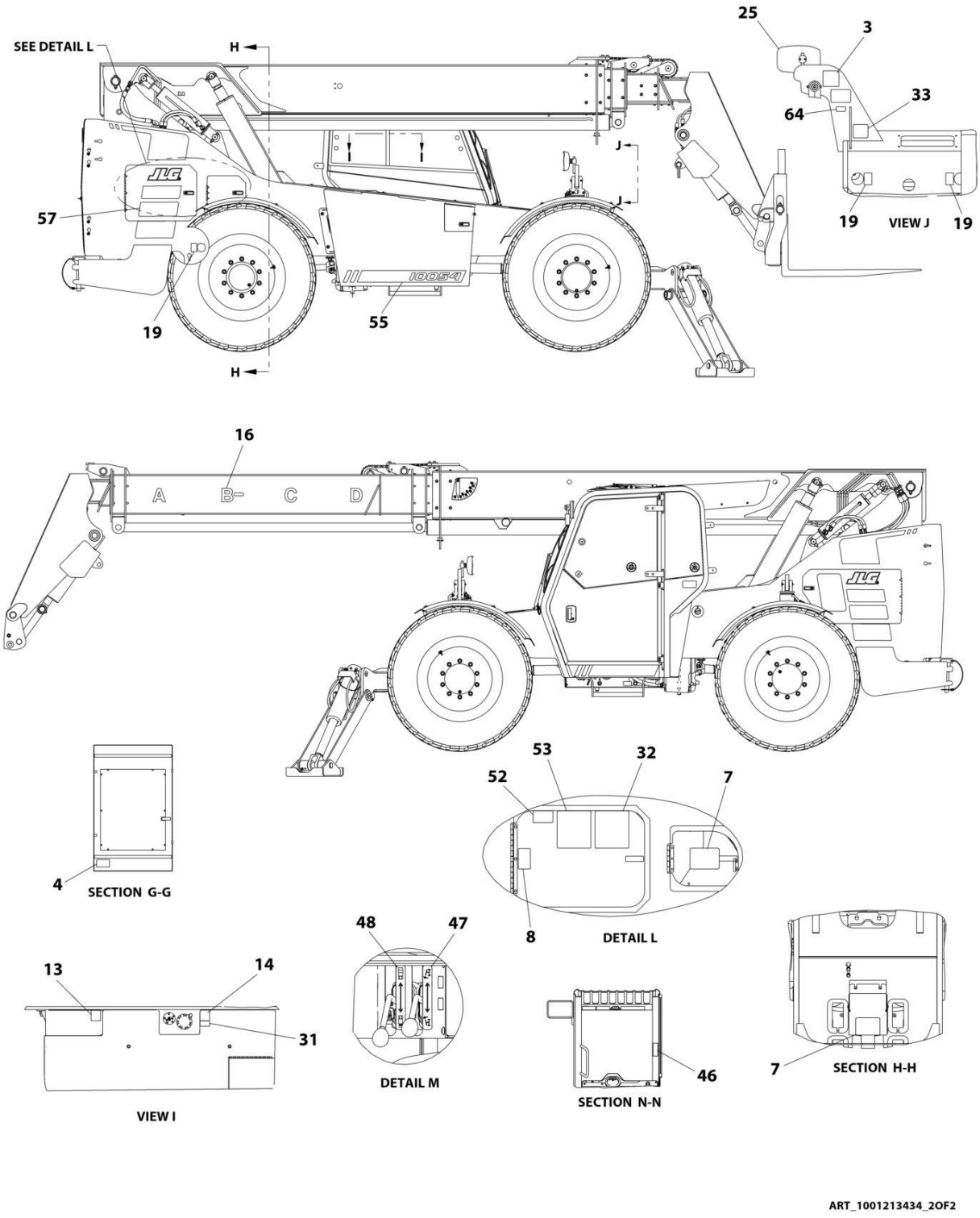
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213433	Ref	DECALS INSTALLATION - 74HP (ANSI SPECS)	L
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1706296	1	Decal, Battery Warning (ANSI)	
5	1706298	1	Decal, Carry Personnel	
6	1706299	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 11-30. DECALS INSTALLATION 74HP (ENGLISH/FRENCH SPECS) (PVC1911) (10054)




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DETAIL L
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DETAIL M
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SECTION N-N
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SECTION H-H
VIEW I
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SECTION 11 - DECALS

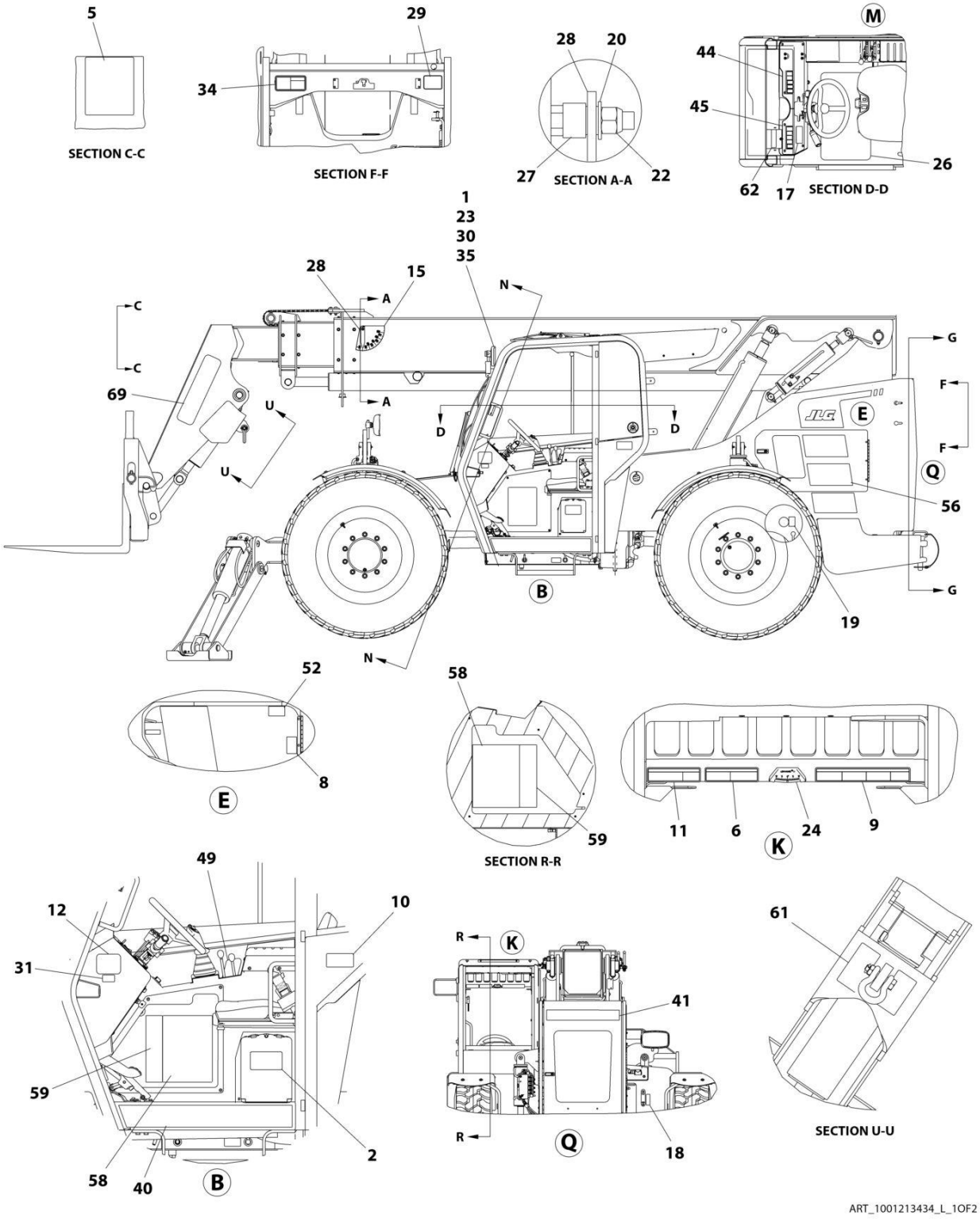
FIGURE 11-30. DECALS INSTALLATION 74HP (ENGLISH/FRENCH SPECS) (PVC1911) (10054)

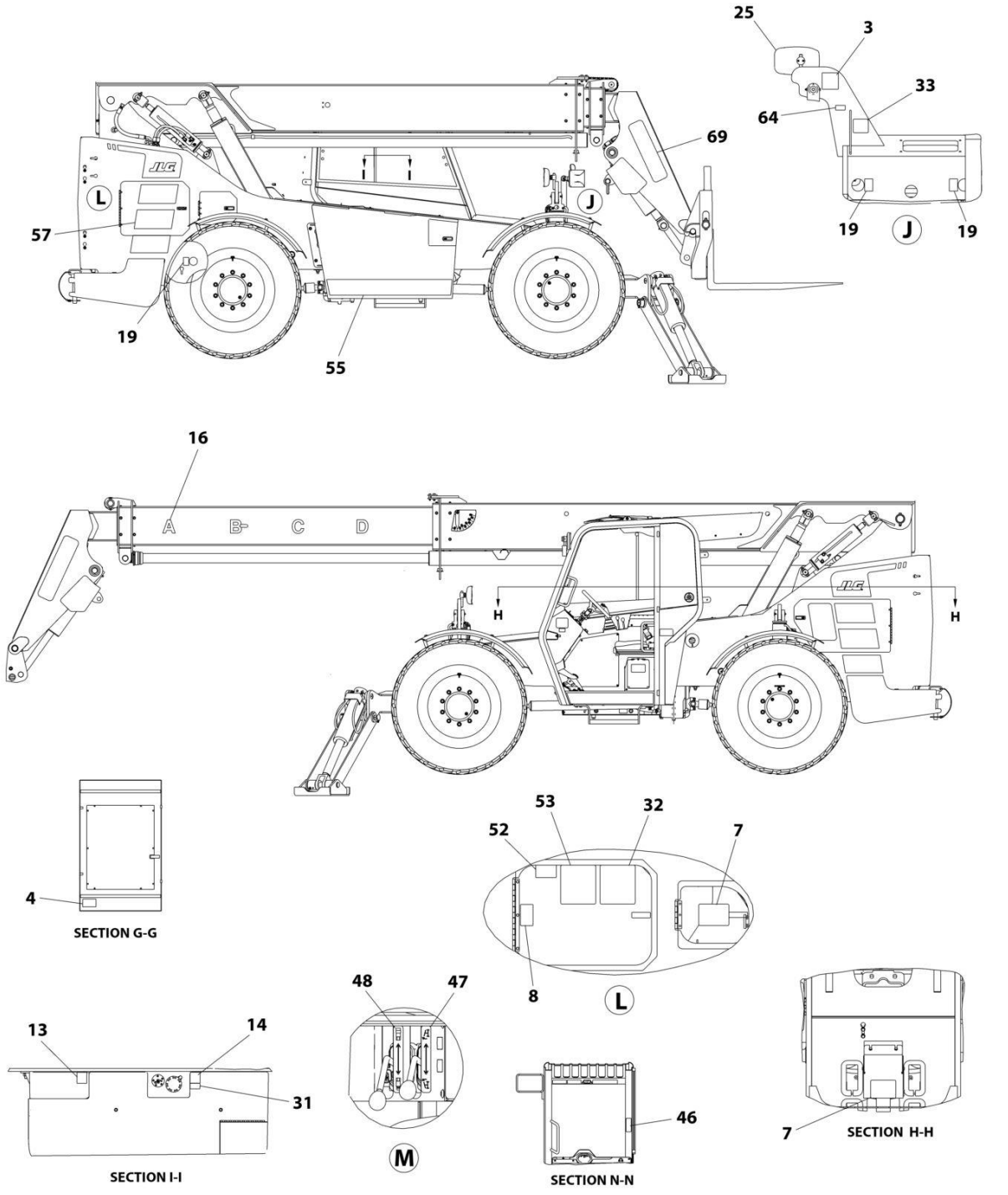
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213434	Ref	Decal Installation (ENGLISH/FRENCH) 74HP	I
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001163174	1	Decal, Battery Warning (CAN)	
5	1001163206	1	Decal, Carry Personnel (CAN)	
6	1001163210	1	Decal, Electrocution Hazard (CAN)	
7	1001163212	2	Decal, Ether Starting Warning (CAN)	
8	1001163222	2	Decal, Keep Clear of Rotating Parts (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	1001157268	1	Decal, Cab (10054)	
41	1001157274	1	Decal, Rear Door JLG Logo	
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	1001179326	1	Decal, Tank (10054)	
56	1001179380	1	Decal, LH Rear Frame Stripe	
57	1001179381	1	Decal, RH Rear Frame Stripe	
58	1001189327	1	Decal, Main Fuse Panel	
59	1001189328	1	Decal, Fuse Panel	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
62	1001219211	1	Decal, Brake Fluid Spec	
64	1001223453	1	Decal, ICES (CAN)	
101	1001210581	1	Decal, Danger Swing Load Boom Head	
102	1001210582	1	Decal, Capacity Rating Boom Head	

SECTION 11 - DECALS

FIGURE 11-31. DECALS INSTALLATION 74HP (ENGLISH/FRENCH SPECS) (PVC2005) (10054)





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SECTION 11 - DECALS

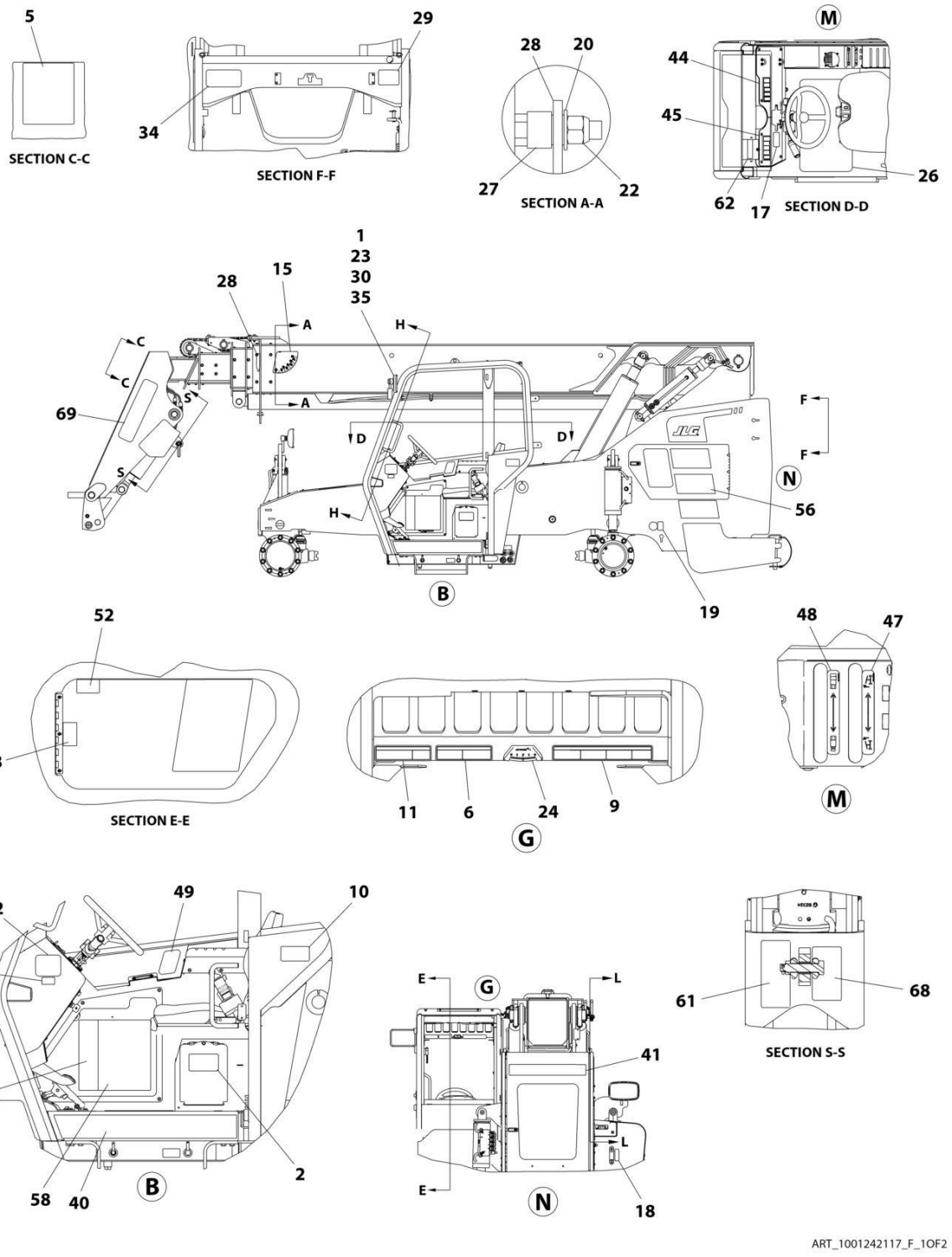
FIGURE 11-31. DECALS INSTALLATION 74HP (ENGLISH/FRENCH SPECS) (PVC2005) (10054)

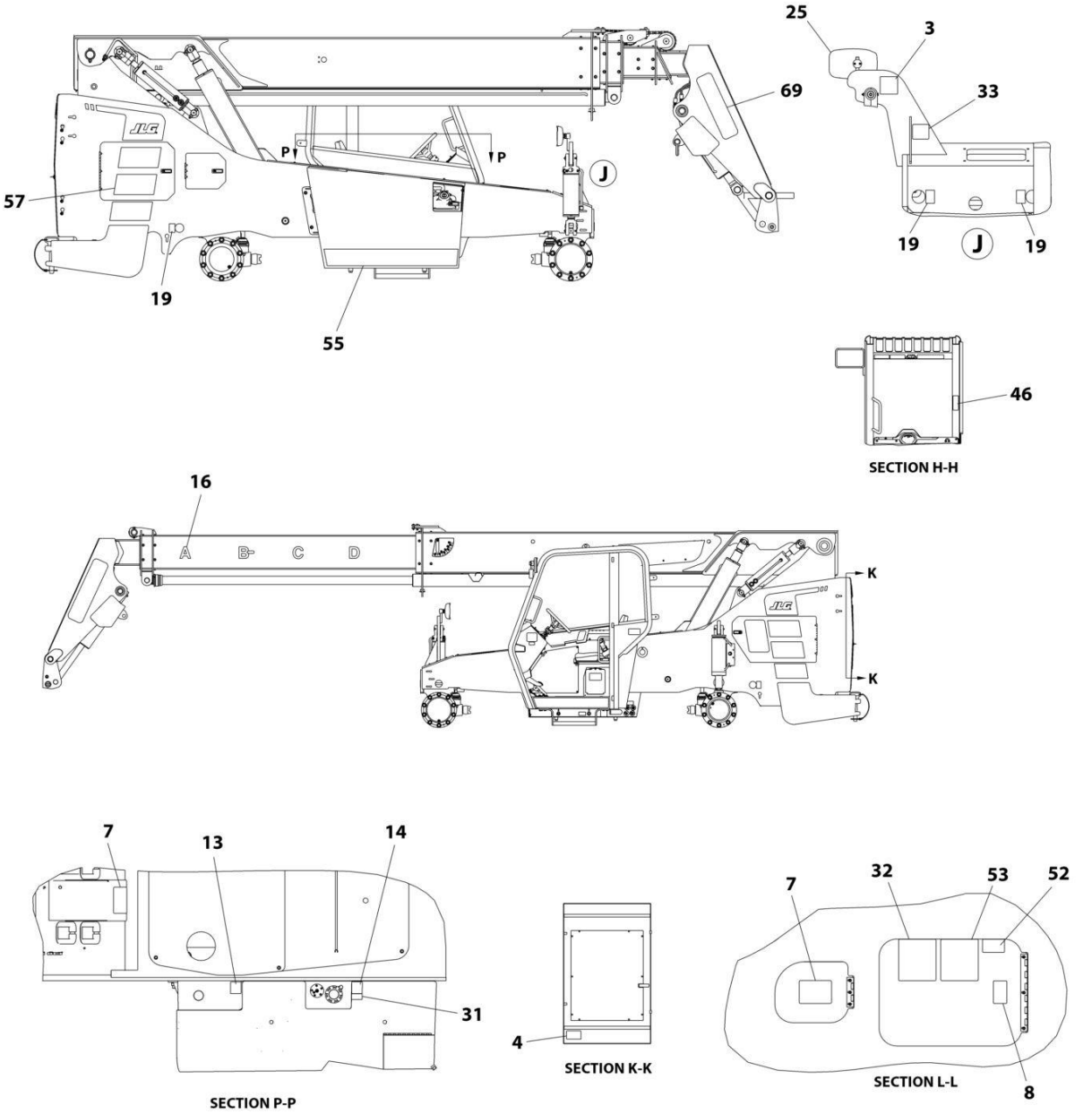
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213434	Ref	DECALS INSTALLATION - 74HP (ENGLISH/FRENCH SPECS)	L
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001163174	1	Decal, Battery Warning (CAN)	
5	1001163206	1	Decal, Carry Personnel (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 11-32. DECALS INSTALLATION 74HP ULS (ENGLISH/SPANISH SPECS) (10054)




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SECTION L-L
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SECTION 11 - DECALS

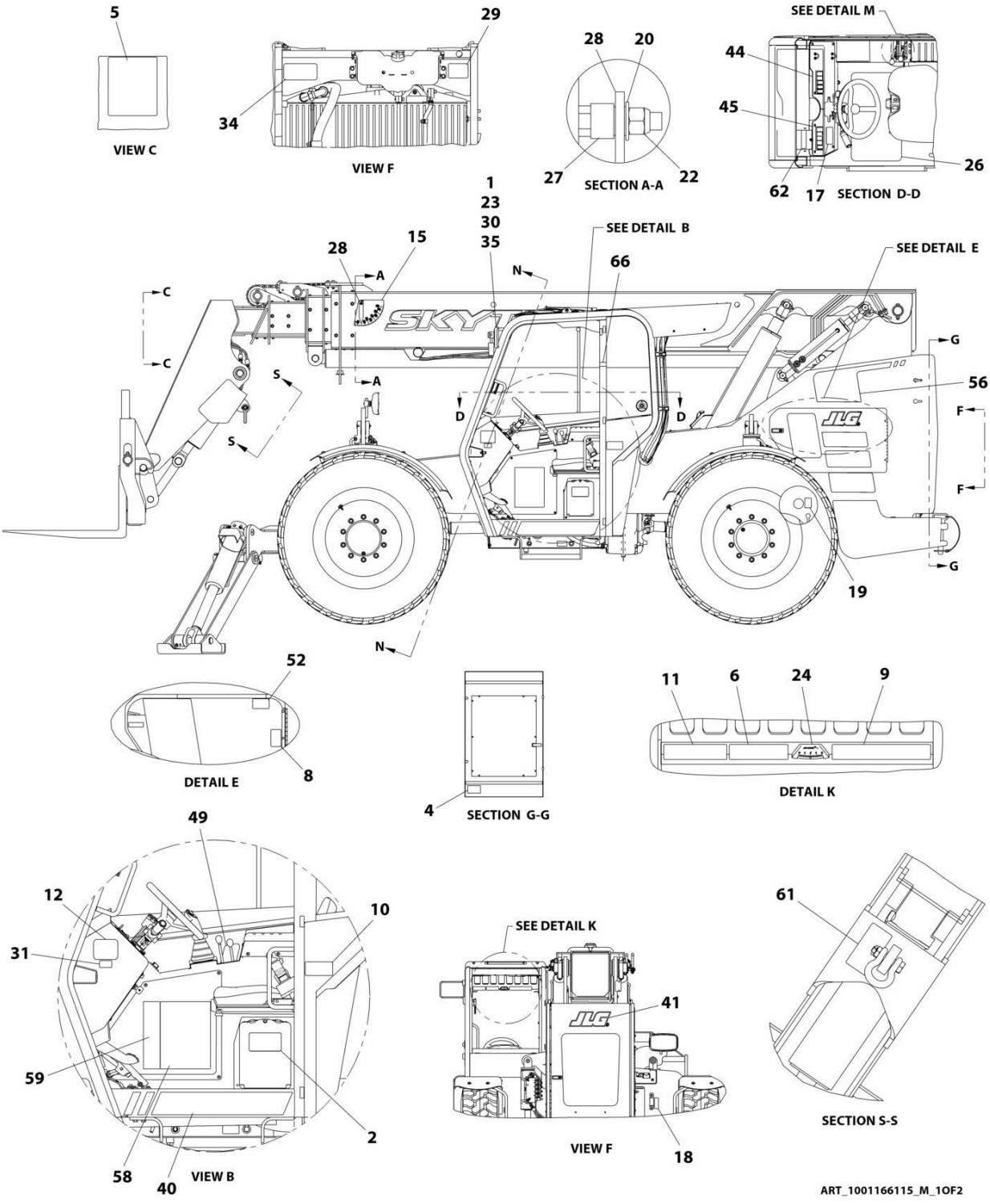
FIGURE 11-32. DECALS INSTALLATION 74HP ULS (ENGLISH/SPANISH SPECS) (10054)

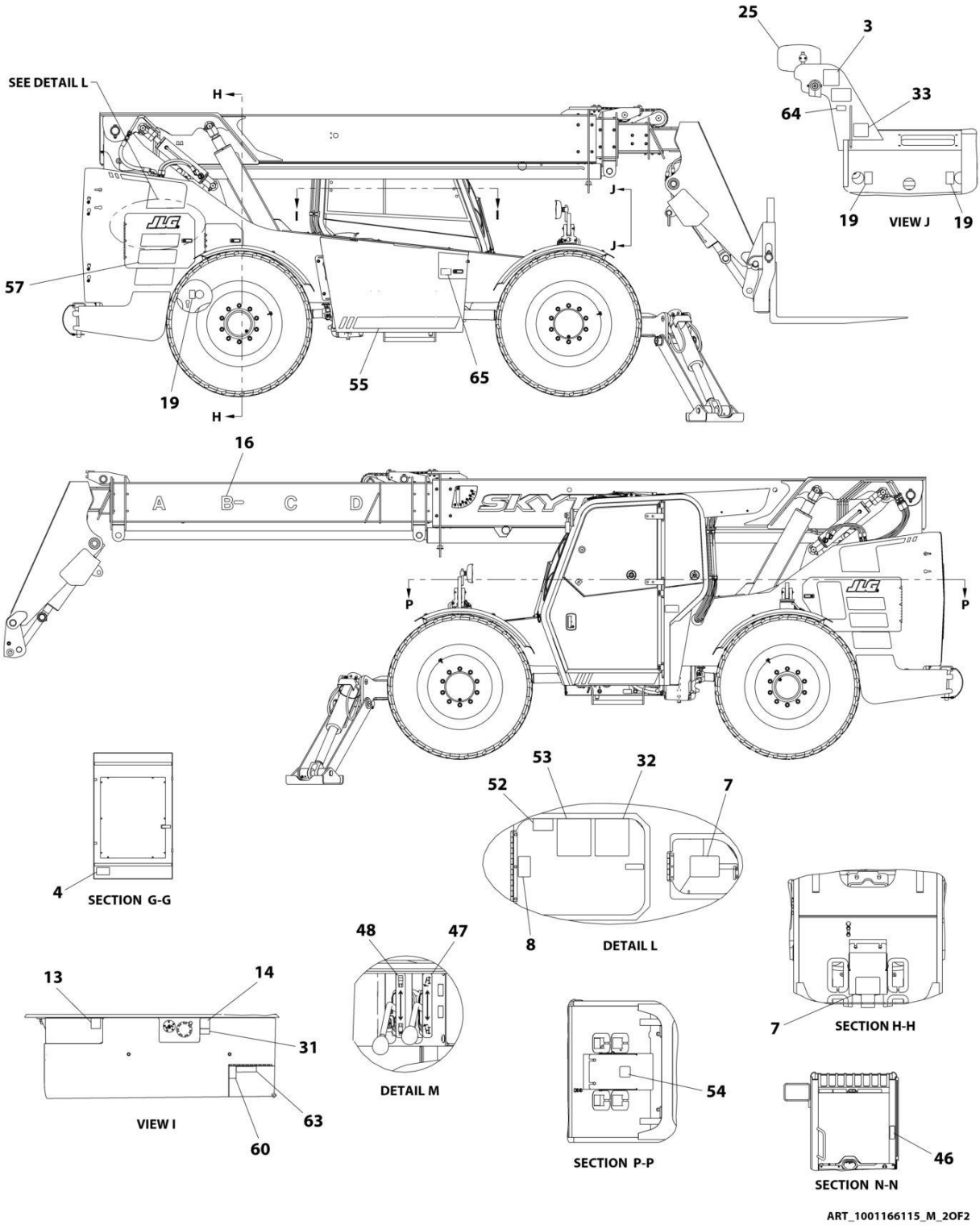
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242117	Ref	DECALS INSTALLATION - 74HP ULS (ENGLISH/SPANISH SPECS)	F
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001235794	1	Decal, Battery Warning (SPAN)	
5	1001235796	1	Decal, Carry 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 11-33. DECALS INSTALLATION 110HP ULS (ANSI SPECS) (PVC1911) (10054)




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SECTION G-G
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DETAIL M
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VIEW I
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SECTION P-P
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SECTION H-H
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SECTION N-N
ART_1001166115_M_2OF2

SECTION 11 - DECALS

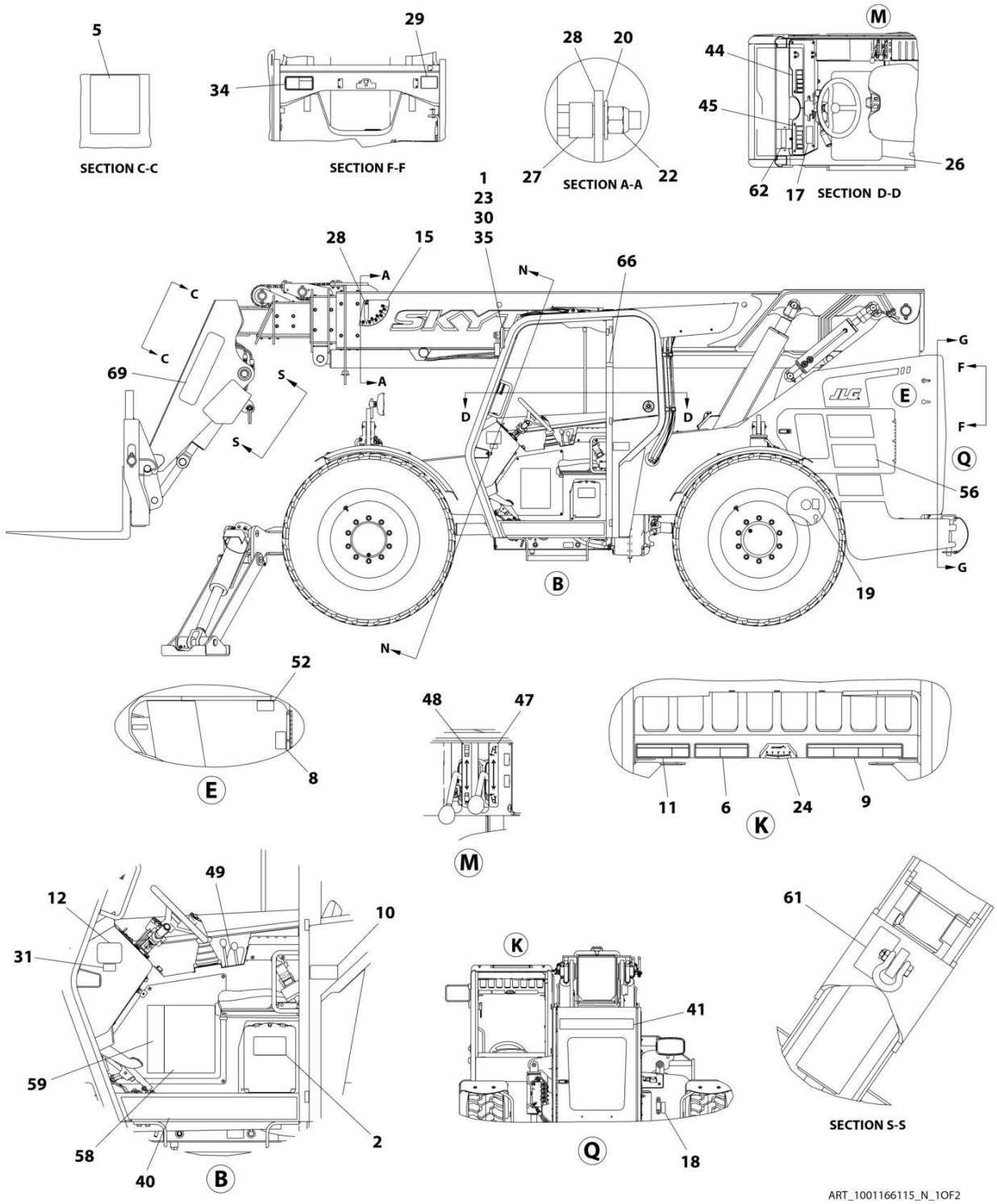
FIGURE 11-33. DECALS INSTALLATION 110HP ULS (ANSI SPECS) (PVC1911) (10054)

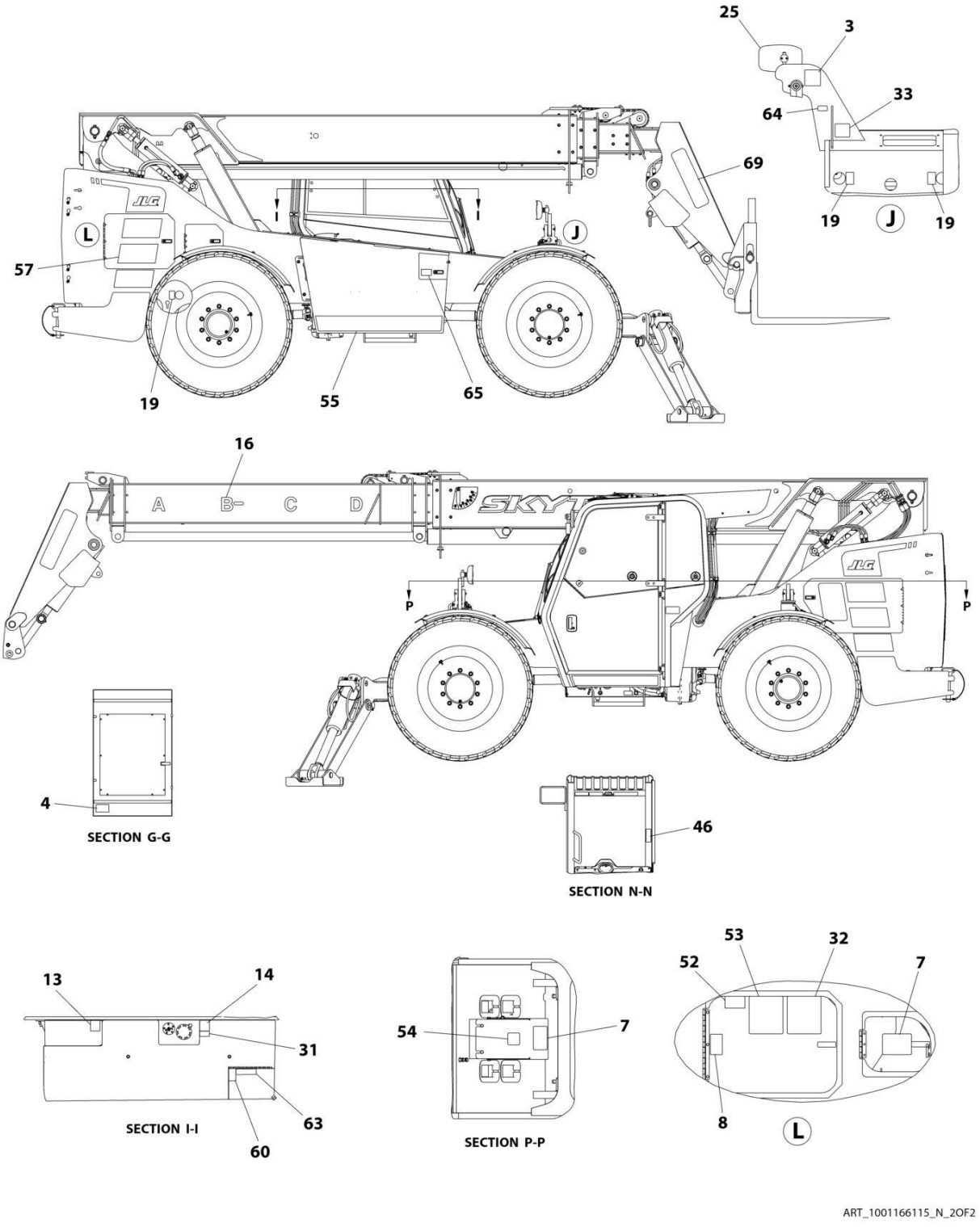
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166115	Ref	Decal Installation (ANSI) 110HP	M
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1706296	1	Decal, Battery Hazard	
5	1706298	1	Decal, Carry Personnel	
6	1706299	1	Decal, Contacting 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	1001157268	1	Decal, Cab (10054)	
41	1001157274	1	Decal, Rear Door JLG Logo	
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	1001179326	1	Decal, Tank (10054)	
56	1001179380	1	Decal, LH Rear Frame Stripe	
57	1001179381	1	Decal, RH Rear Frame 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	

SECTION 11 - DECALS

FIGURE 11-34. DECALS INSTALLATION 110HP ULS (ANSI SPECS) (PVC2005) (10054)





ART_1001166115_N_2OF2

SECTION 11 - DECALS

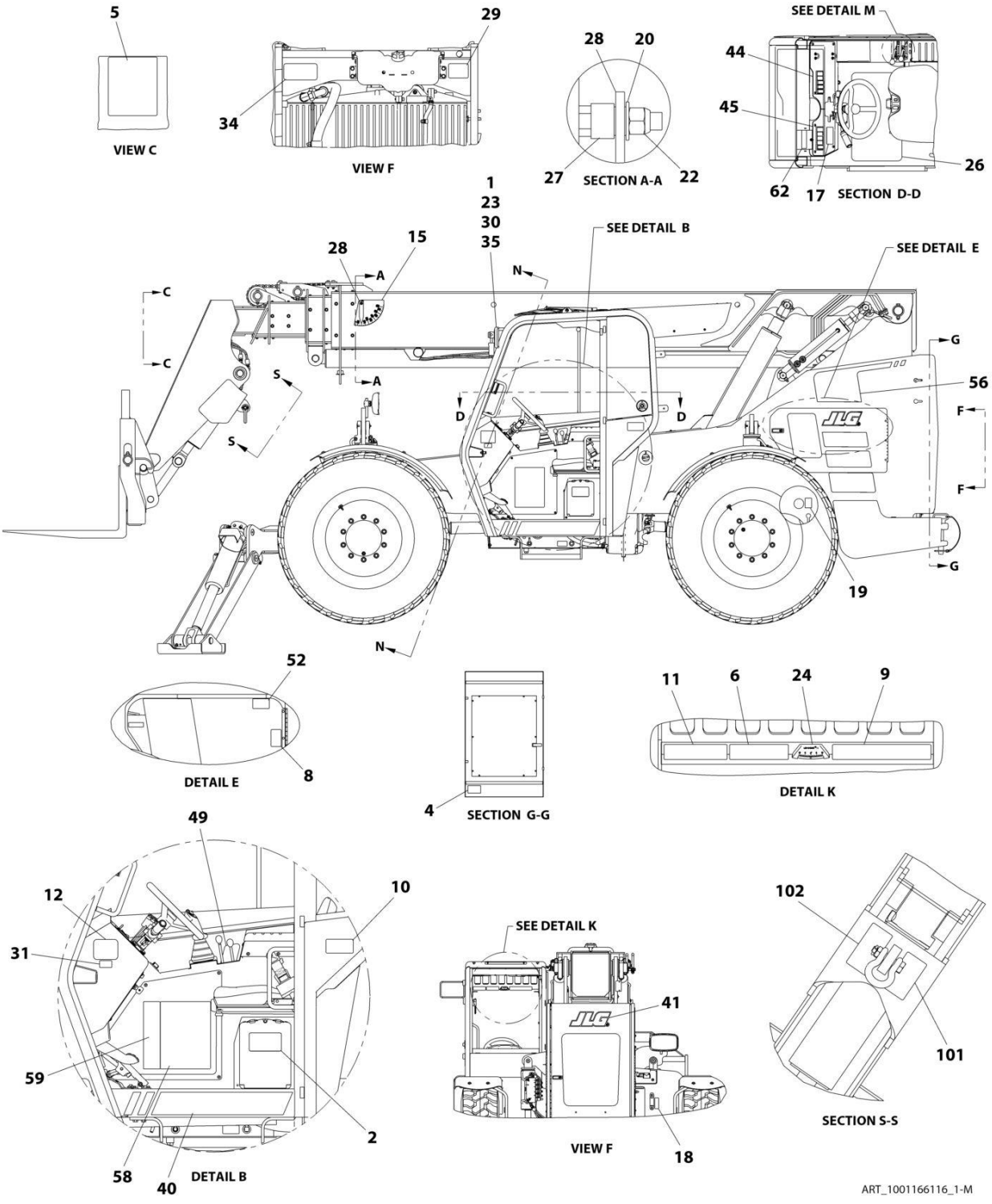
FIGURE 11-34. DECALS INSTALLATION 110HP ULS (ANSI SPECS) (PVC2005) (10054)

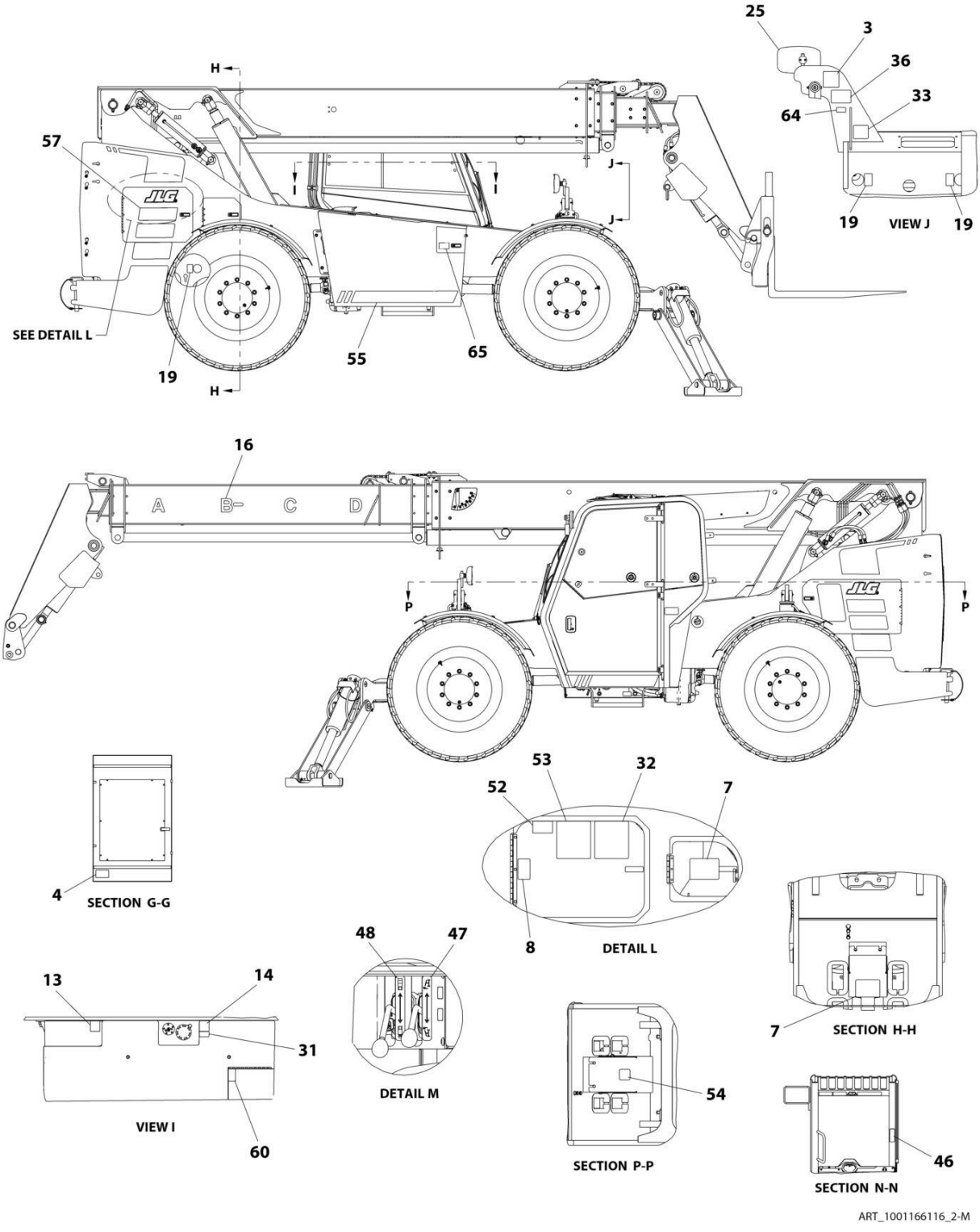
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166115	Ref	Decal Installation (ANSI) 110HP	N
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1706296	1	Decal, Battery Hazard	
5	1706298	1	Decal, Carry Personnel	
6	1706299	1	Decal, Contacting 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 11-35. DECALS INSTALLATION 110HP ULS (ENGLISH/FRENCH SPECS) (PVC1911) (10054)




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DETAIL M
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VIEW I
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SECTION P-P
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SECTION H-H
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SECTION N-N
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SECTION 11 - DECALS

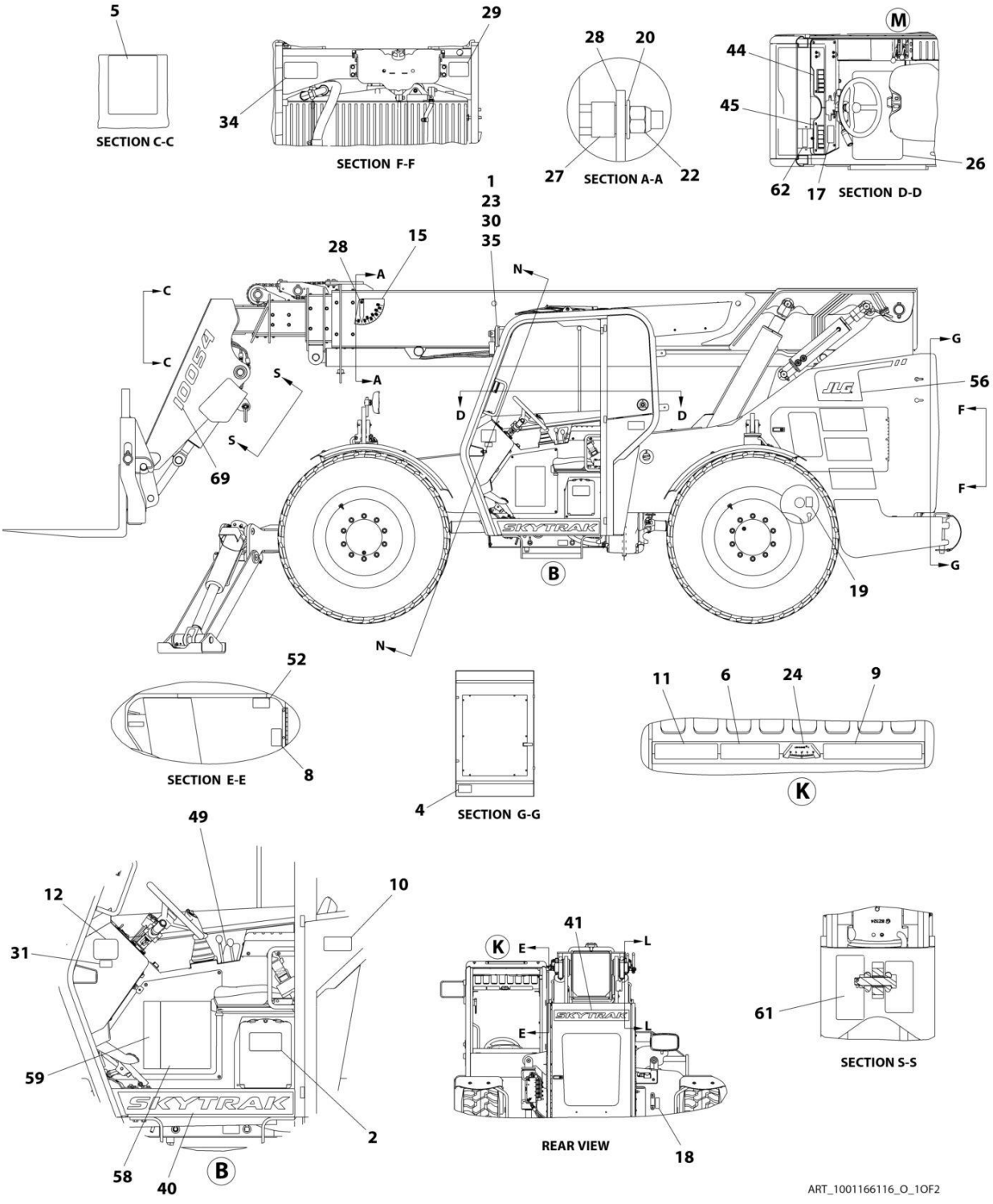
FIGURE 11-35. DECALS INSTALLATION 110HP ULS (ENGLISH/FRENCH SPECS) (PVC1911) (10054)

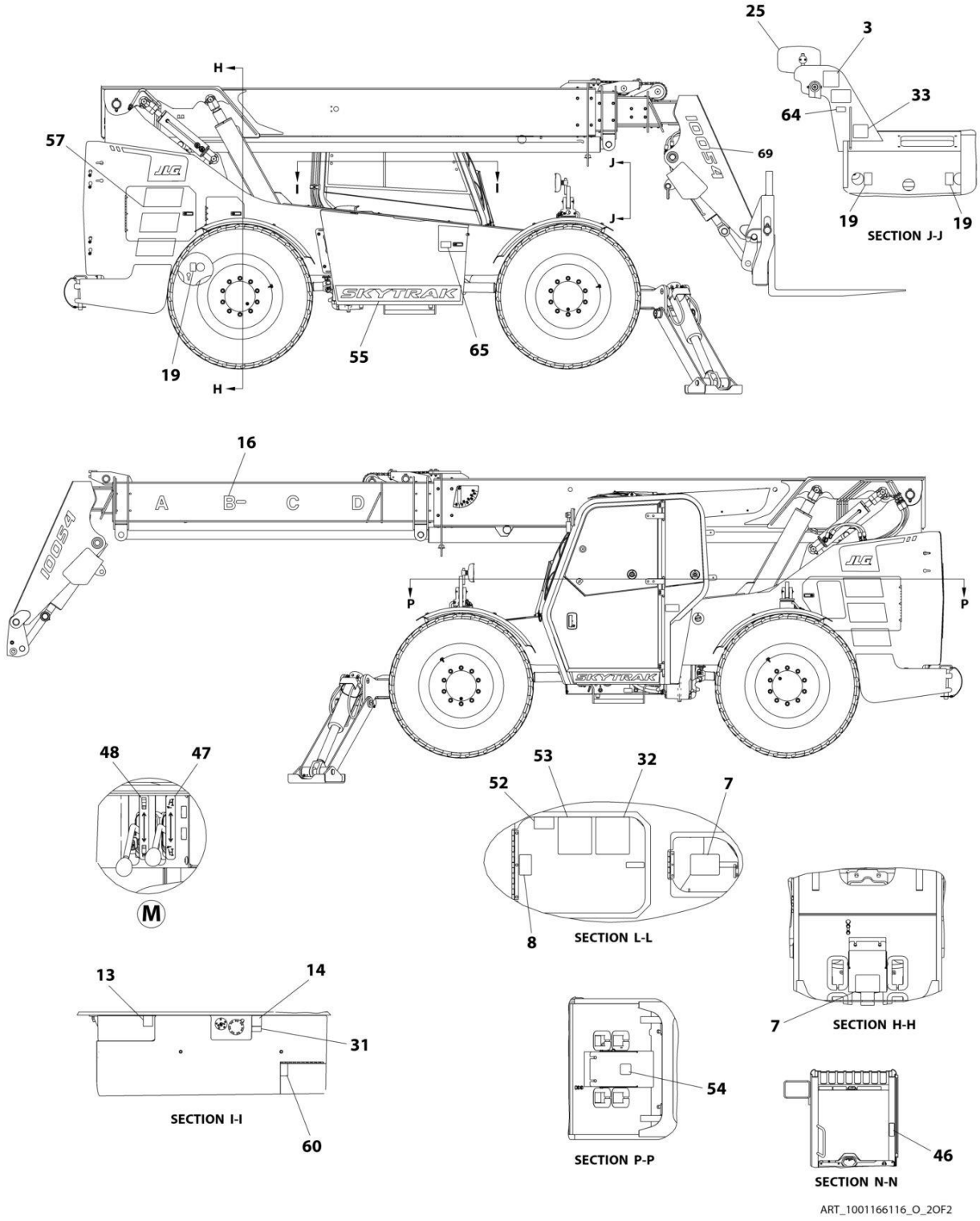
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166116	Ref	Decal Installation (ENGLISH/FRENCH) 110HP	M
1	0700610	2	Bolt M6 X 20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1001163174	1	Decal, Battery Warning (CAN)	
5	1001163206	1	Decal, Carry Personnel (CAN)	
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	Nut 3/8	
23	8307024	2	Washer M6	
24	8466306	1	Gage, Tilt Angle	
25	1001191635	1	Mirror, RH	
26	10139087	1	Tread, Safety	
27	1001096404	1	Sleeve, Angle Indicator Spacer	
28	1001098769	1	Plate, Boom Angle Indicator	
29	1001109053	1	Decal, Coolant Fill	
30	1001114675	1	Arm, Mirror	
31	1001163355	2	Decal, Ultra Low Sulfur Fuel (CAN)	
32	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	
36	N.S.S.	1	S/N Plate	
40	1001157268	1	Decal, Cab (10054)	
41	1001157274	1	Decal, Rear Door JLG Logo	
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	1001179326	1	Decal, Tank (10054)	
56	1001179380	1	Decal, LH Rear Frame Stripe	
57	1001179381	1	Decal, RH Rear Frame Stripe	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
58	1001189327	1	Decal, Main Fuse Panel	
59	1001189328	1	Decal, Fuse panel	
60	1001196806	1	Decal, Diesel Exhaust Fluid	
62	1001219211	1	Decal, Brake Fluid Spec	
64	1001223453	1	Decal, ICES (CAN)	
65	1001230309	1	Decal, EN/FR Cummins DEF Tank Services	
101	1001210581	1	Decal, Danger Swing Load Boom Head	
102	1001210582	1	Decal, Capacity Rating Boom Head	

SECTION 11 - DECALS

FIGURE 11-36. DECALS INSTALLATION 110HP ULS (ENGLISH/FRENCH SPECS) (PVC2005) (10054)




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SECTION P-P
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SECTION N-N
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SECTION 11 - DECALS

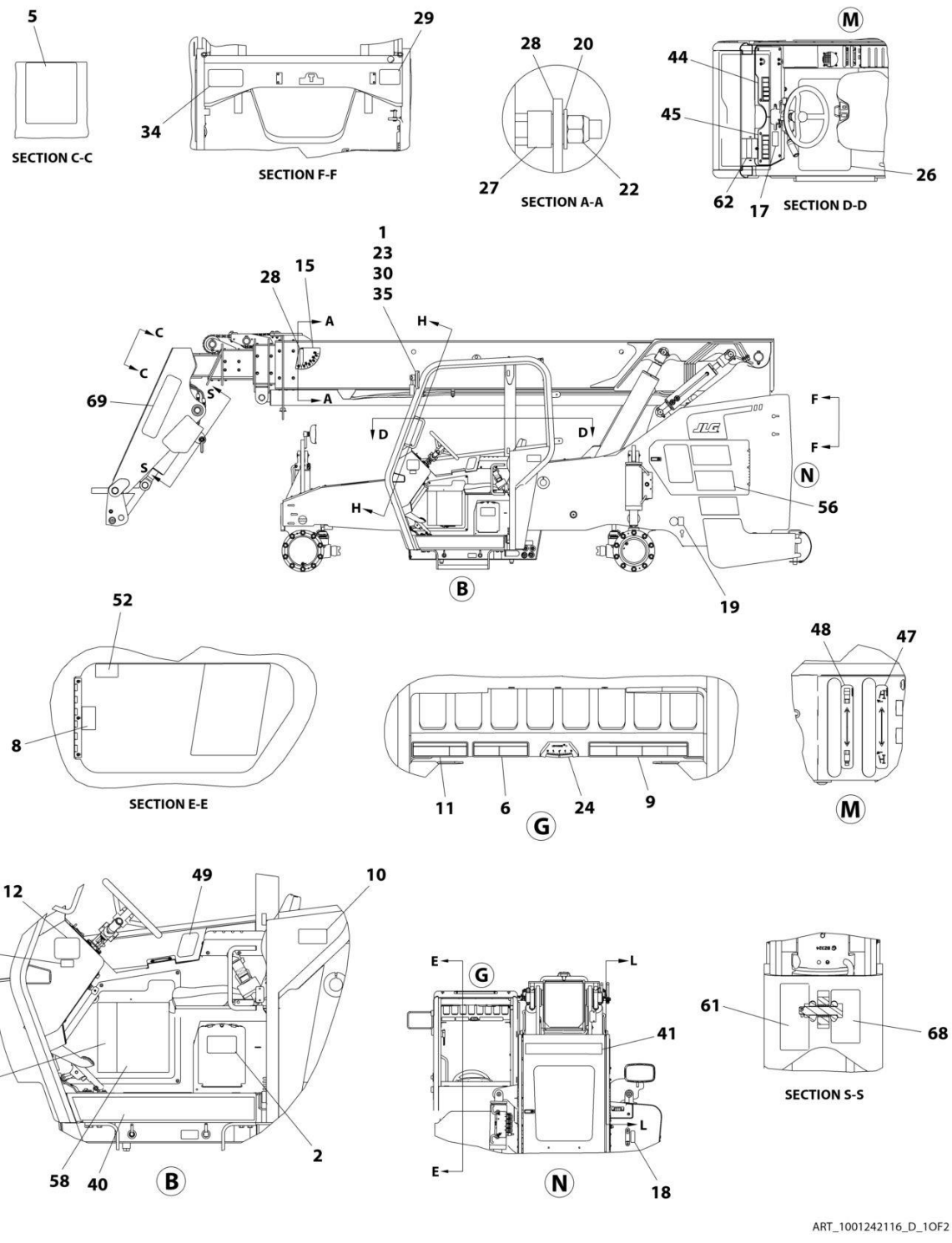
FIGURE 11-36. DECALS INSTALLATION 110HP ULS (ENGLISH/FRENCH SPECS) (PVC2005) (10054)

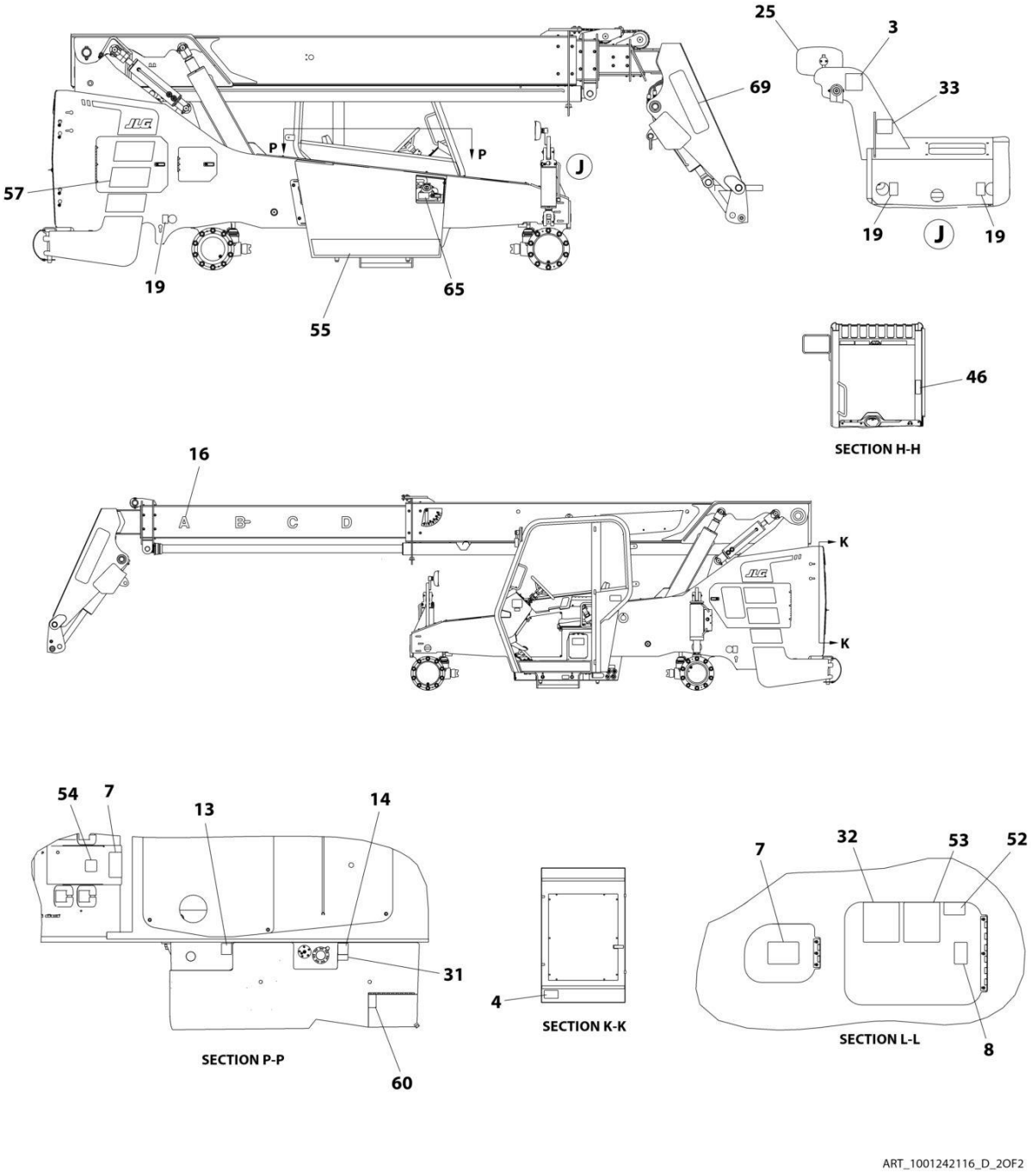
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166116	Ref	Decal Installation (ENGLISH/FRENCH) 110HP	O
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	1702631	1	Decal, Bar Code	
4	1001163174	1	Decal, Battery Warning (CAN)	
5	1001163206	1	Decal, Carry Personnel (CAN)	
6	1001163210	1	Decal, Electrocution 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 11-37. DECALS INSTALLATION 110HP ULS (ENGLISH/SPANISH SPECS) (10054)




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SECTION K-K
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SECTION L-L
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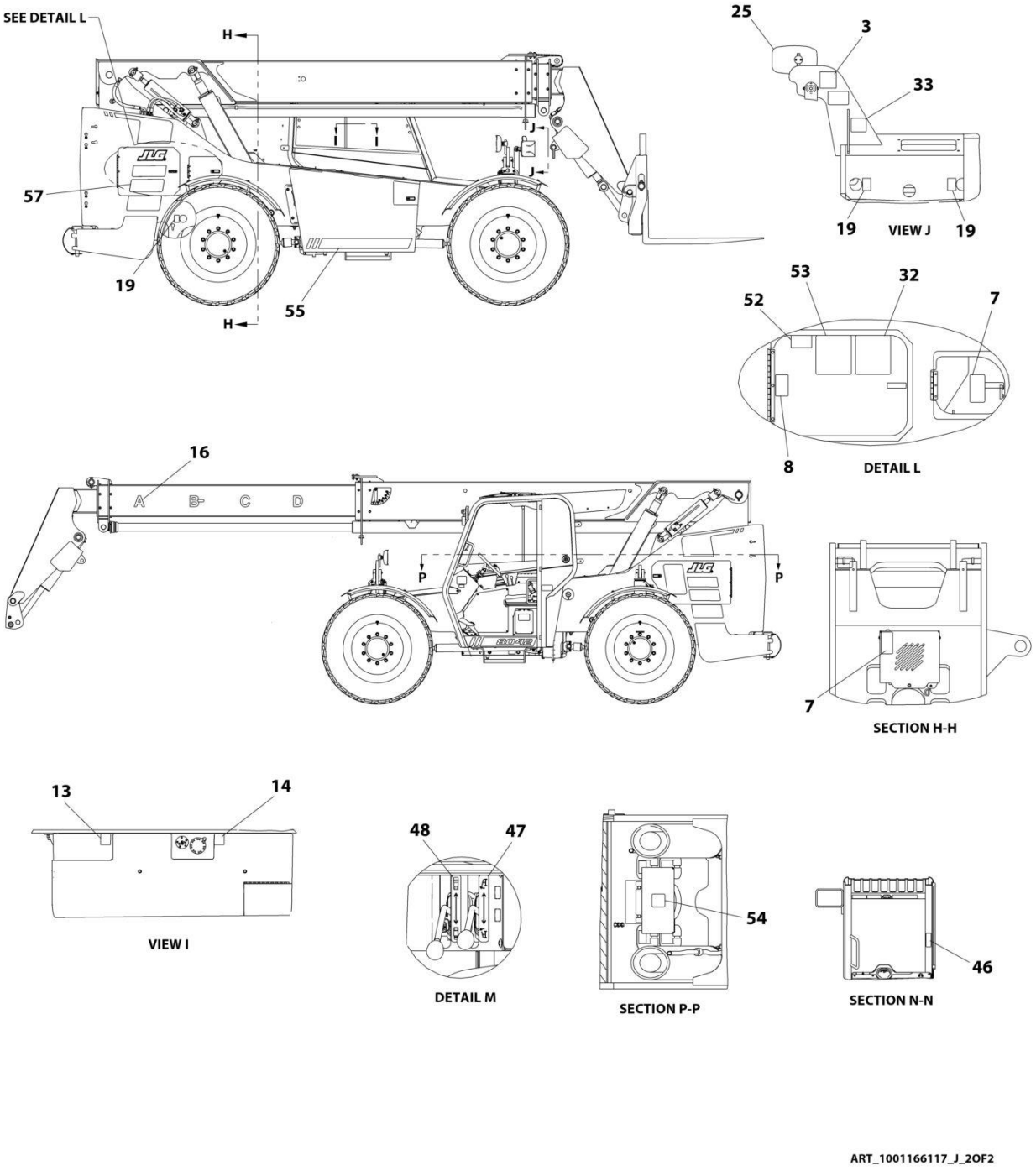
SECTION 11 - DECALS

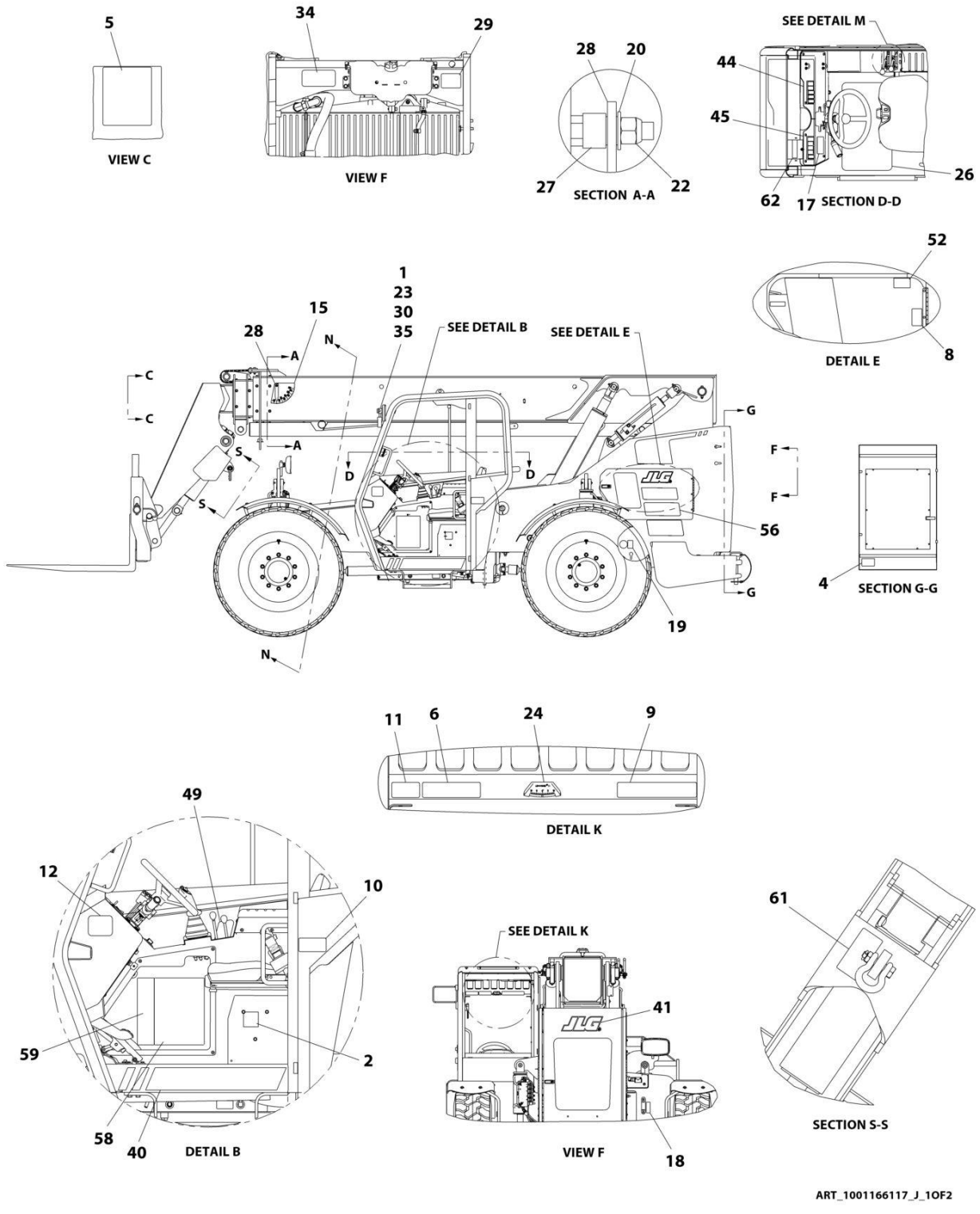
FIGURE 11-37. DECALS INSTALLATION 110HP ULS (ENGLISH/SPANISH SPECS) (10054)

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	

FIGURE 11-38. DECALS INSTALLATION 110HP LS (ISO DECALS) (PVC1911) (10054)




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SECTION G-G
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DETAIL K
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SECTION S-S
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SECTION 11 - DECALS

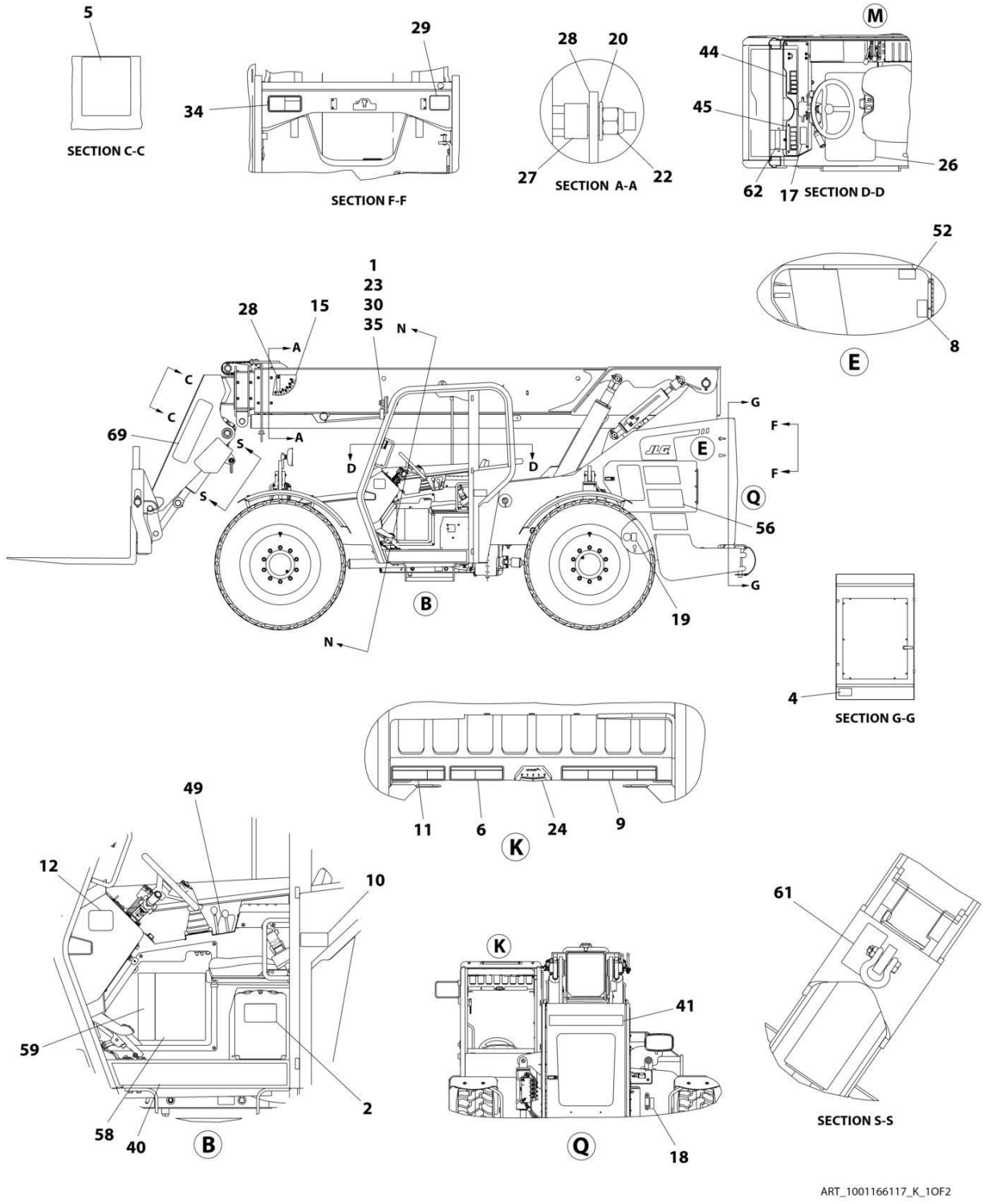
FIGURE 11-38. DECALS INSTALLATION 110HP LS (ISO DECALS) (PVC1911) (10054)

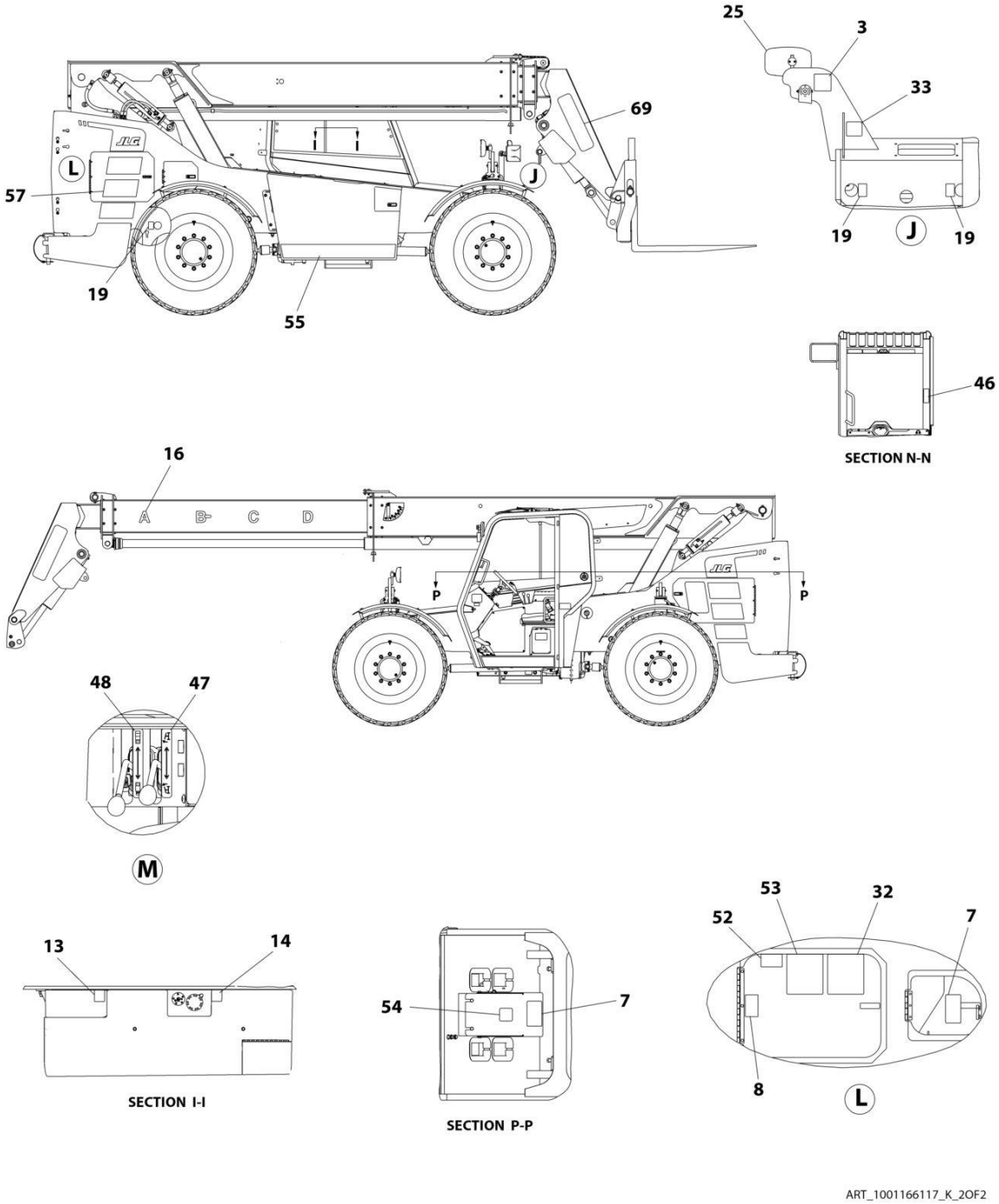
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166117	Ref	Decal Installation (ISO)	J
1	0700610	2	Bolt, M6X20	
2	1701640	1	Decal, Manual	
3	See Note	NSS	Decal, Bar Code (Note: Not Available for Purchase)	
4	1706281	1	Decal, Battery Warning	
5	1706282	1	Decal, Carry Personnel	
6	1706284	1	Decal, Electrocution 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	1001157268	1	Decal, Cab - 10054 (10054)	
41	1001157274	1	Decal, Rear Door JLG Logo	
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	1001179326	1	Decal Tank (10054)	
56	1001179380	1	Decal, LH Rear Frame Stripe	
57	1001179381	1	Decal, RH Rear Frame 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	

SECTION 11 - DECALS

FIGURE 11-39. DECALS INSTALLATION 110HP LS (ISO DECALS) (PVC2005) (10054)




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SECTION I-I
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SECTION 11 - DECALS

FIGURE 11-39. DECALS INSTALLATION 110HP LS (ISO DECALS) (PVC2005) (10054)

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	

FIGURE 11-40. BOOM DECALS INSTALLATION (10054)

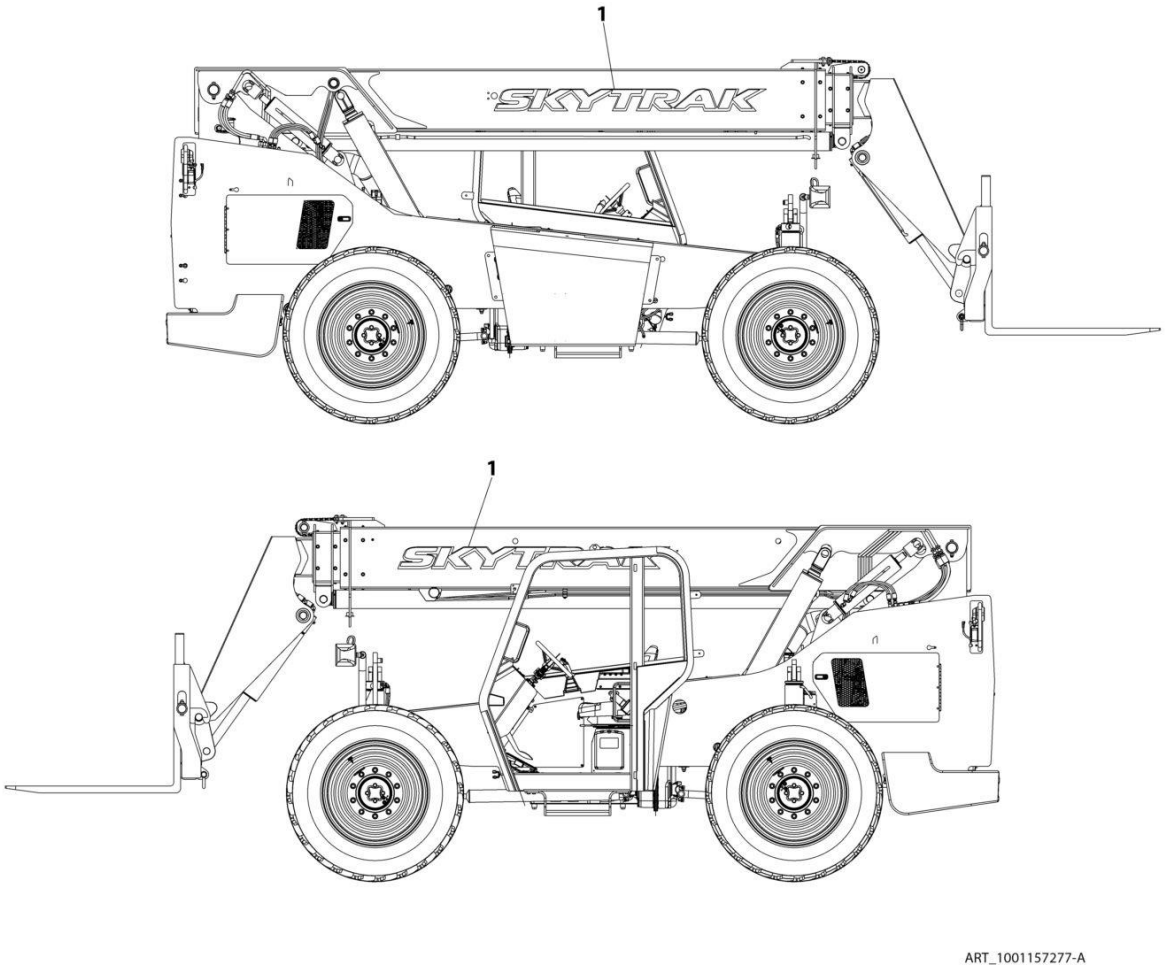
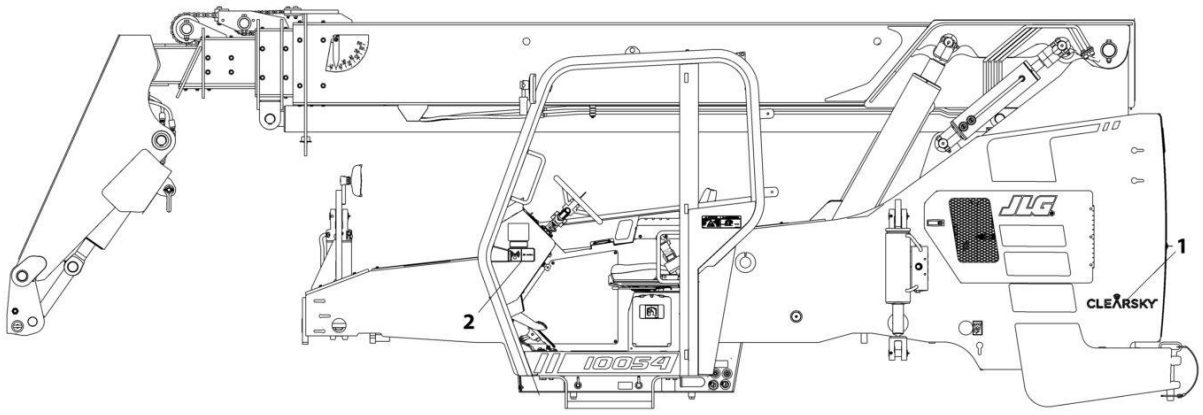


FIGURE 11-40. BOOM DECALS INSTALLATION (10054)

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

FIGURE 11-41. CLEARSKY DECALS INSTALLATION

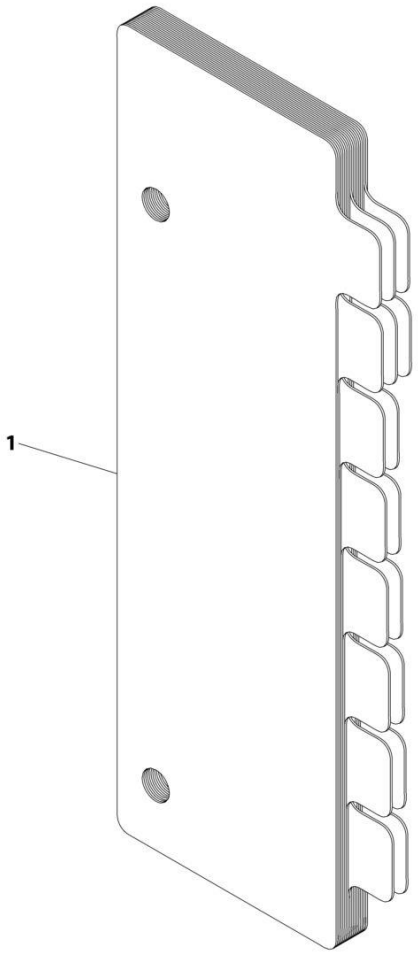


ART_1001229708-B

FIGURE 11-41. 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 11-42. LOAD CHART BOOKLET (ANSI) (8042)

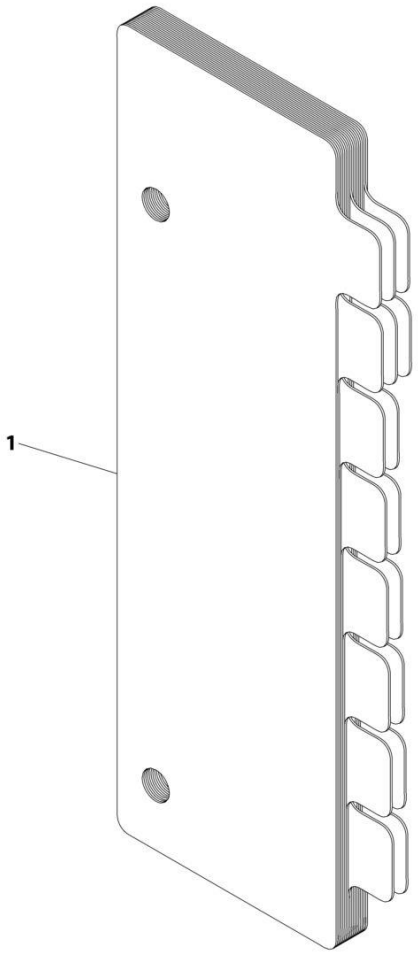


ART_1001211871

FIGURE 11-42. LOAD CHART BOOKLET (ANSI) (8042)

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

FIGURE 11-43. LOAD CHART BOOKLET (ISO) (8042)

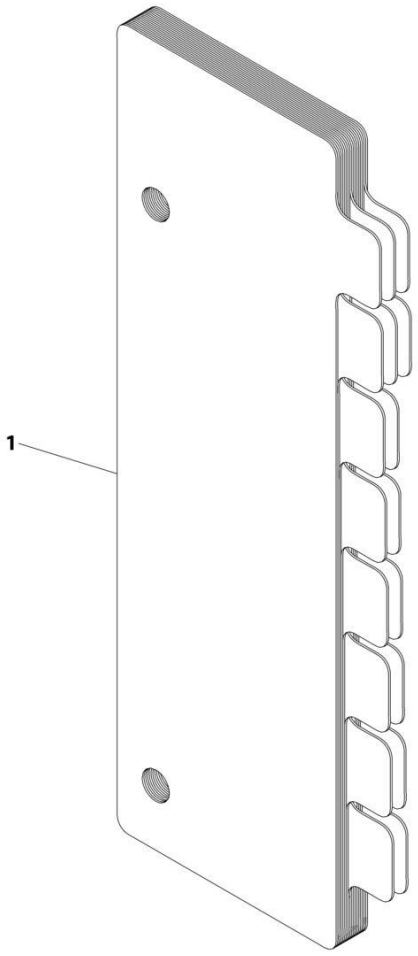


ART_1001211872

FIGURE 11-43. LOAD CHART BOOKLET (ISO) (8042)

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

FIGURE 11-44. LOAD CHART BOOKLET (ANSI) (10042)



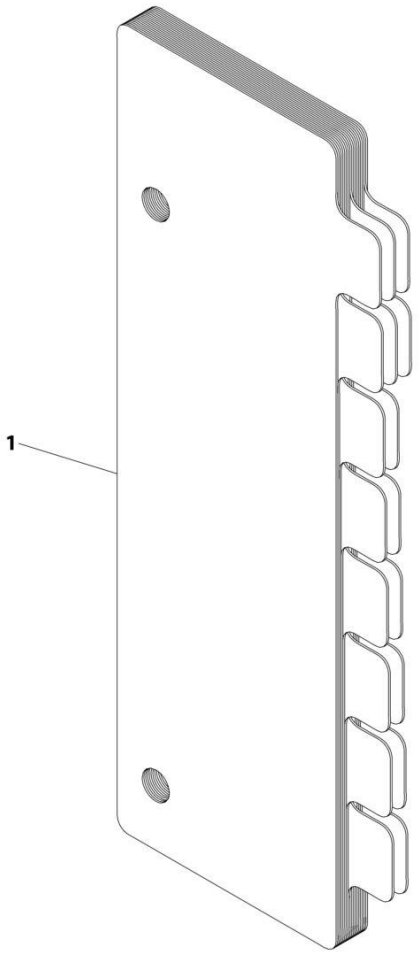
ART_1001211873

FIGURE 11-44. LOAD CHART BOOKLET (ANSI) (10042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001211873	1	Capacity Chart (ANSI)	

SECTION 11 - DECALS

FIGURE 11-45. LOAD CHART BOOKLET (ISO) (10042)

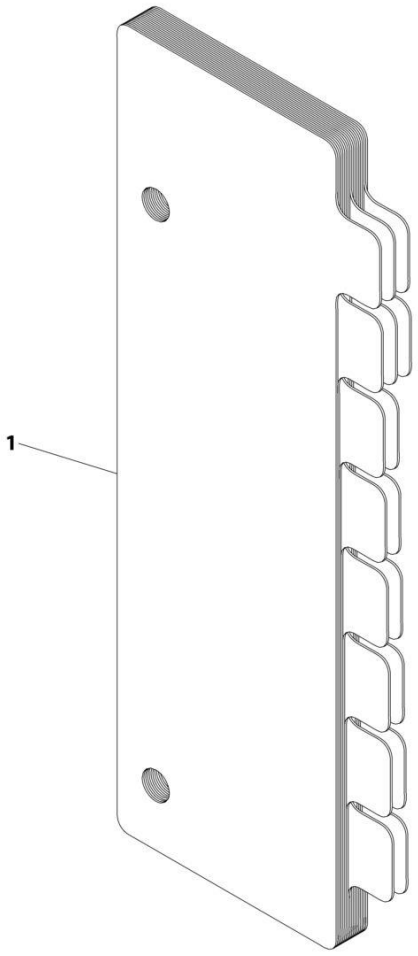


ART_1001211874

FIGURE 11-45. LOAD CHART BOOKLET (ISO) (10042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001211874	1	Capacity Chart (ISO)	

FIGURE 11-46. LOAD CHART BOOKLET (ANSI) (10054)

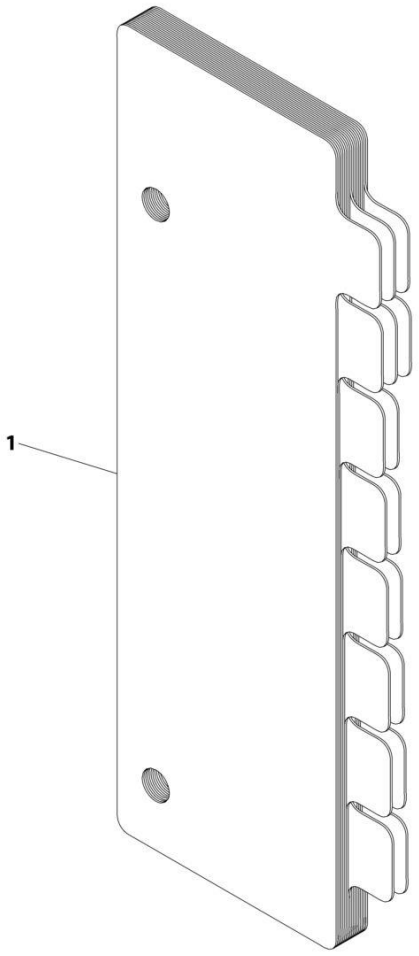


ART_1001211875

FIGURE 11-46. LOAD CHART BOOKLET (ANSI) (10054)

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

FIGURE 11-47. LOAD CHART BOOKLET (ISO) (10054)



ART_1001211876

FIGURE 11-47. LOAD CHART BOOKLET (ISO) (10054)

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

FIGURE 11-48. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH)

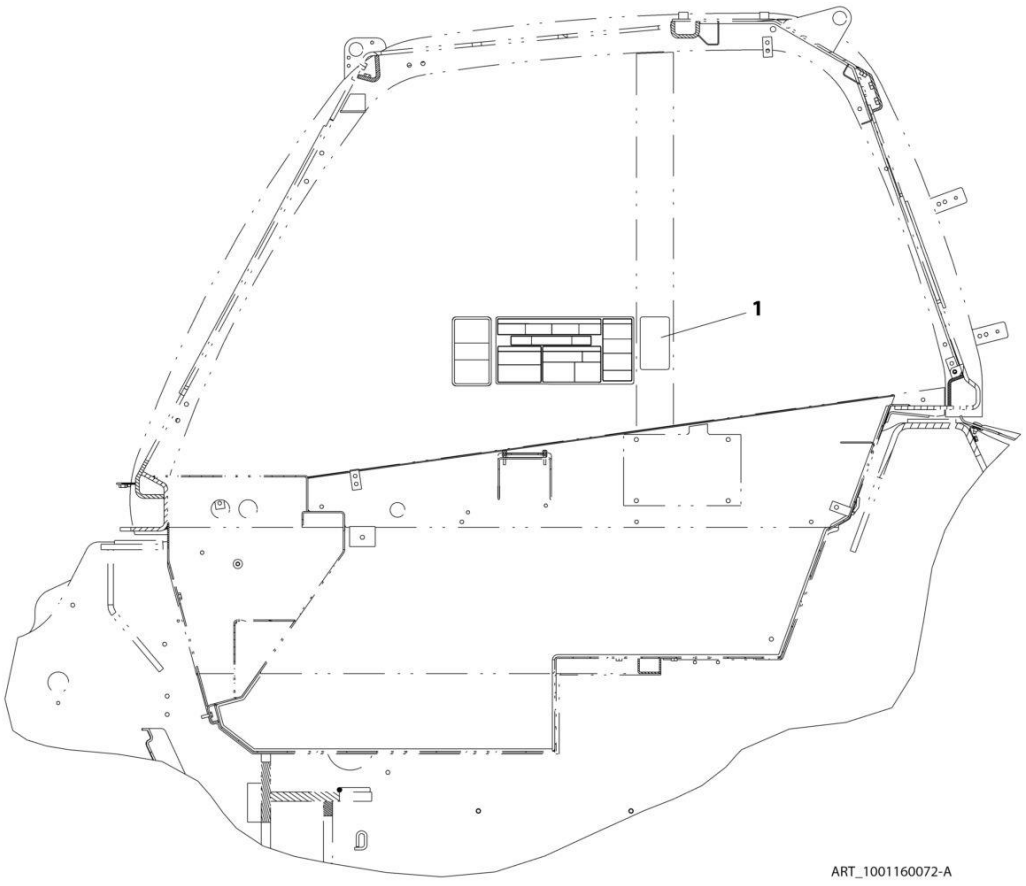


FIGURE 11-48. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH)

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

FIGURE 11-49. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH/FRENCH)

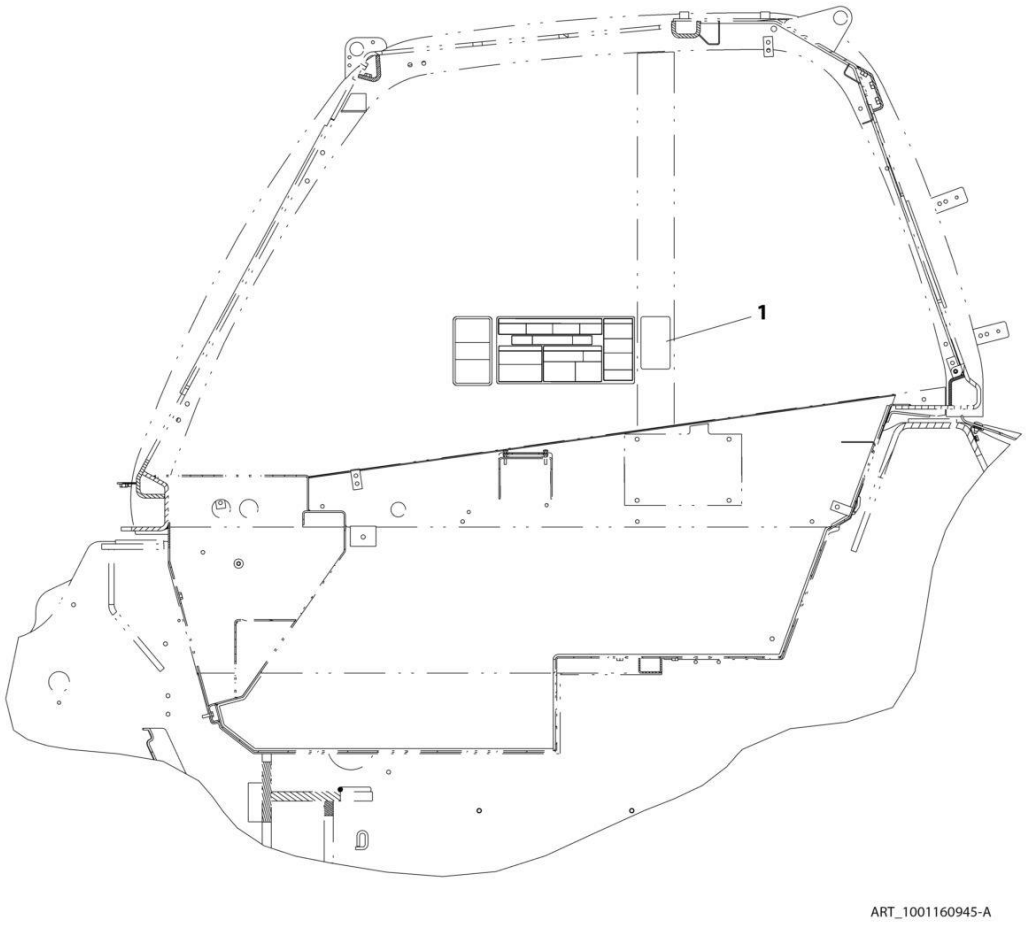


FIGURE 11-49. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH/FRENCH)

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

FIGURE 11-50. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH/SPANISH)

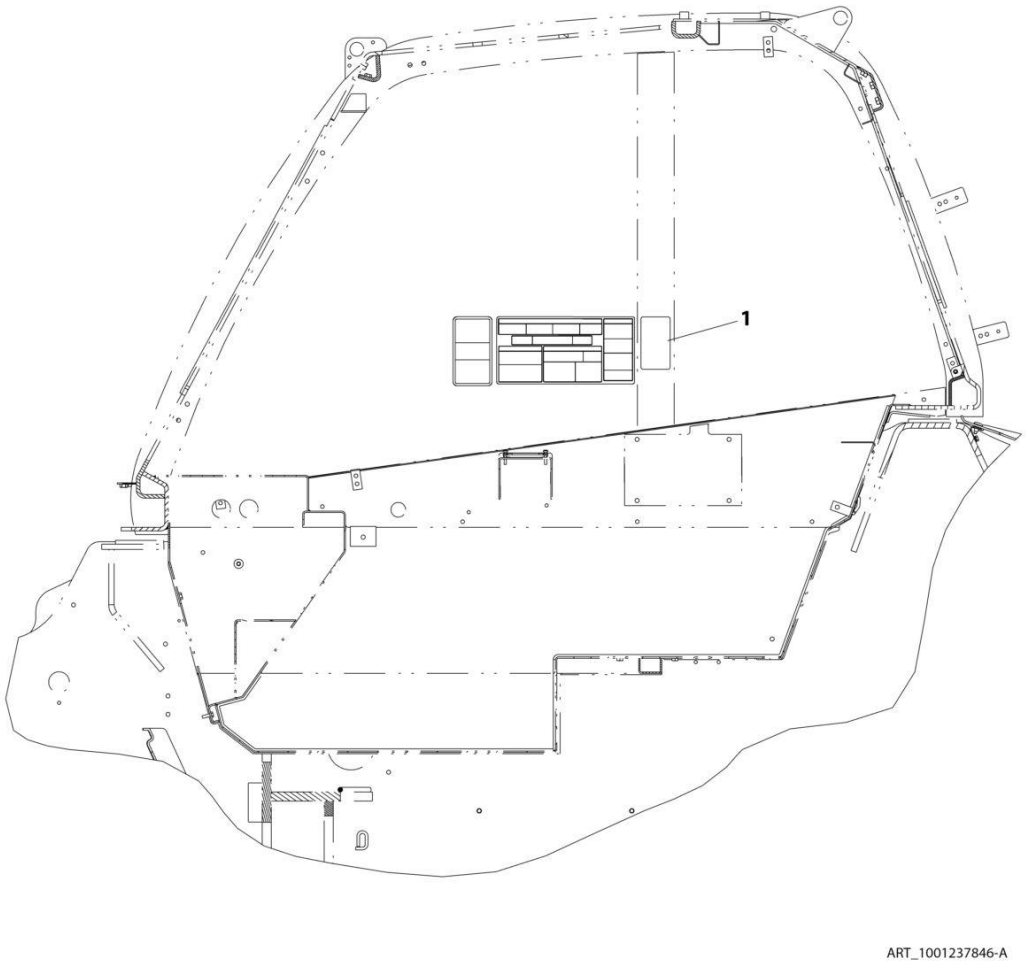


FIGURE 11-50. REVERSE SENSING SYSTEM DECAL INSTALLATION (ENGLISH/SPANISH)

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

FIGURE 11-51. REVERSE SENSING SYSTEM DECAL INSTALLATION (ISO)

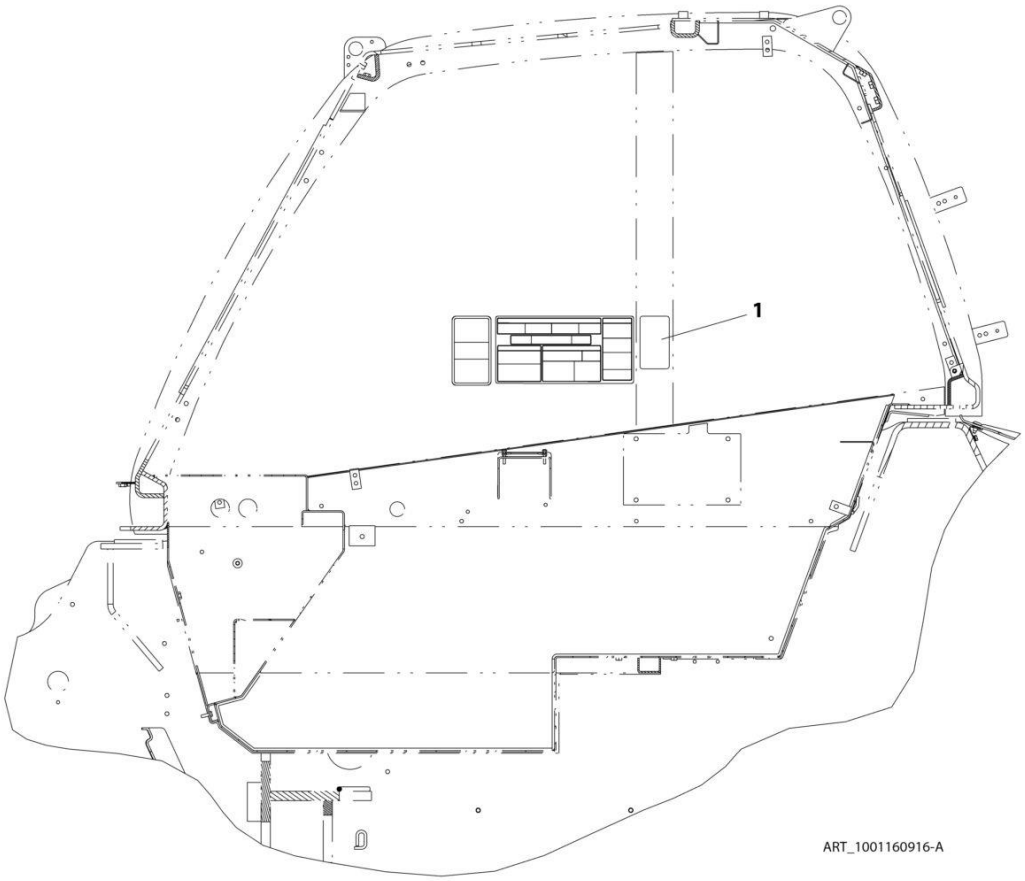


FIGURE 11-51. REVERSE SENSING SYSTEM DECAL INSTALLATION (ISO)

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.	
		Ref	STANDARD PARTS	
	70026085	1	Coil	
	1001173581	1	Control	
	1001173582	1	Control	
	1001158002	1	Control, Pilot Joystick	
	1001199205	1	Element, Filter	
	70026234	1	Element, Fuel Filter	
	70026453	1	Element, Fuel Filter	
	7139077	1	Filler/Breather	
	1001228872	1	Filter, Coolant Screen	
	1001133534	1	Filter, Fuel	
	70026237	1	Filter, Oil	
	1319726	1	Filter, Transmission Oil	
	70026801	1	Fuel Filter Element	
	8229234	2	Fuse 10A	
	8229235	2	Fuse 20A	
	8229242	2	Fuse 5A	
	8229261	2	Fuse 5A	
	1001118245	2	Fuse, 250 Amp	
	1001129285	2	Fuse, Mini Diode	
	1001127699	2	Fuse, Power Module	
	8229237	2	Fuse, Type 15 A	
	8229238	2	Fuse, Type 40 A	
	8229233	2	Fuse, Type 7.5 A	
	8035807	1	Key (with cover)	
	70026248	1	Kit, Filter	
	3740080	1	Relay	
	4461103	1	Relay	
	1001186417	1	Relay, 150 Amp	
	1001205172	1	Relay, Micro 280, 12V, 35 Amp	
	1001184316	1	Relay, Power Module	
	1600429	1	Selector, Transmission Control	
	1001215941	1	Switch	
	8223038	1	Switch, Beacon	
	8223025	1	Switch, Brake Lights	
	8223060	1	Switch, Hazard	
	4360690	1	Switch, Ignition	
	8223054	1	Switch, Park Brake	
	8223037	1	Switch, Steer Select	
		Ref	VARIABLE PARTS	
	1001203181	1	Accessory, Control (ASOV)	
	7029246	1	Coil, Solenoid (Stabli-Trak)	
	1001247421	1	Control, Reverse Sensor	

SECTION 12 - RECOMMENDED SERVICE PARTS STOCK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8223073	1	Control, Turn Signal (Road Package)	
	1001210703	1	Controller	
	8220366	1	Diode Board Flyback (110HP ULS)	
	70026985	1	Electronic Deicing Thermostat (EDT) Module (Heater & AC)	
	70025852	1	Filter, Air Cylindrical Primary (74HP & 110HP ULS)	
	70025853	1	Filter, Air Cylindrical Secondary (74HP & 110HP ULS)	
	8229244	2	Fuse, 15 Amp (110HP ULS)	
	8229243	2	Fuse, 7.5 AMP Mini (10054)	
	70021948	1	Key, Cab Door	
	70024319	1	Kit, Sensor	
	2940074	1	Latch (Fork Mounted Basket)	
	1001228954	1	Module (ClearSky CANBUS, CE)	
	1001226796	1	Module (ClearSky CANBUS, North America)	
	1001233236	1	Module, 3W-TCU (ClearSky 3-Wire, CE)	
	1001226328	1	Module, 3W-TCU (ClearSky 3-Wire, North America)	
	1101312	1	Primary Filter Element(74HP & 110HP LS)	
	1001095704	1	Relay (110HP ULS)	
	70026986	1	Relay, 12V 30/40A (Heater & AC)	
	1101313	1	Secondary Filter Element (74HP & 110HP LS)	
	1001130307	1	Sensor, Boom	
	1001245478	1	Sensor, Coolant Level	
	1001145026	1	Sensor, Fuel	
	1001169077	1	Sensor, PRS Temperature	
	1001170269	1	Switch, Outrigger (10042,10054)	
	8223044	1	Switch, Windscreen Washer (Enclosed Cab)	
	8223043	1	Switch, Windscreen Wiper (Enclosed Cab)	
	8223059	1	Switch, Work Light	

SECTION 13 - SPECIAL OPTIONS

SECTION 13 - SPECIAL OPTIONS

FIGURE 13-1. SPECIAL OPTIONS

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	MISCELLANEOUS SPECIAL OPTIONS/ACCESSORIES/KITS	
	1001243577	Ref	Access Control Kit	
	1001136918	Ref	Air Baffle Kit	
	1001214788	Ref	Aftermarket Kits (8042)	L
	1001214789	Ref	Aftermarket Kits (10042)	K
	1001214790	Ref	Aftermarket Kits (10054)	K
	1001195606	Ref	Anti-Stall kit	
	1001101983	Ref	Axle Lube Kit	
	1001239455	Ref	Backup Camera Kit	
	1001109532	Ref	Baffle Kit	
	1001214398	Ref	Battery Disconnect Kit	
	1001126387	Ref	Bearing Retainer Kit (10054)	
	8024032	Ref	Boom Chain Kit - Extend	
	8024053	Ref	Boom Chain Kit - Extend - 4th Boom (10054)	
	8024033	Ref	Boom Chain Kit - Retract	
	7131633	Ref	Boom Pivot Replacement Kit (LH)	
	7131643	Ref	Boom Pivot Replacement Kit (RH)	
	2915208	Ref	Boom Pivot Replacement Kit	
	2910995	Ref	Boom Wear Pads Kit (10042,8042)	
	2910996	Ref	Boom Wear Pads Kit (10054)	
	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	
	1001202258	Ref	Cab Door Bumpers Kit	
	1001201456	Ref	Cab Heater Kit	
	1001201454	Ref	Cab HVAC Kit	
	1001162831	Ref	Cab Window Dropout Kit (ANSI)	
	1001162832	Ref	Cab Window Dropout Kit (English/French)	
	1001162833	Ref	Cab Window Dropout Kit (ISO)	
	1001141603	Ref	Chassis Pivot Tower Kit	
	1001243183	Ref	ClearSky Telematics Kit - Canbus (North America)	
	1001243184	Ref	ClearSky Telematics Kit - Canbus (CE)	
	1001238933	Ref	Cold Weather Kit (ULS)	
	1001242195	Ref	Cold Weather Kit (LS)	
	1001211926	Ref	Decal Kit (8042)	
	2915189	Ref	Decal Kit ANSI (8042)	
	1001112526	Ref	Decal Kit ISO (8042)	
	1001211927	Ref	Decal Kit (10042)	
	2915190	Ref	Decal Kit ANSI (10042)	
	1001110915	Ref	Decal Kit ISO (10042)	
	1001211928	Ref	Decal Kit (10054)	
	2915191	Ref	Decal Kit ANSI (10054)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001111308	Ref	Decal Kit ISO (10054)	
	1001148902	Ref	Electrical Connector Kit - Amp/Tyco Electrical Connectors	
	1001148903	Ref	Electrical Connector Kit - Deutsch DT Electrical Connectors	
	1001148904	Ref	Electrical Connector Kit - Deutsch HD Electrical Connectors	
	1001148905	Ref	Electrical Connector Kit - Packard Electrical Connectors	
	1001148906	Ref	Electrical Connector Kit - Various Electrical Connectors	
	1001196127	Ref	Engine FAPL - 74HP ULS	
	1001165489	Ref	Engine FAPL - 110HP ULS	
	1001166034	Ref	Engine FAPL - 110HP LS	
	1001109004	Ref	Engine Mount Kit	
	1001177168	Ref	Engine Removal Brackets Kit	
	1001201461	Ref	Fender Kit (8042)	
	1001258227	Ref	Fender Kit (8042)	
	1001211154	Ref	Fender Kit (10042,10054)	
	1001258010	Ref	Fender Kit (10042,10054)	
	1001136165	Ref	Filter Kit - Fuel Filter (ULS)	
	1001150524	Ref	Filter Kit - 250Hour (LS)	
	1001199737	Ref	Filter Kit - 500Hour	
	1001199738	Ref	Filter Kit - 1000Hour	
	1001193364	Ref	Fire Extinguisher Kit	
	1001239988	Ref	Fire Extinguisher Kit	
	1001203742	Ref	Frame Leveling/Tilt Kit	
	1001224160	Ref	Hydraulic Circuit FAPL (8042)	C
	1001224161	Ref	Hydraulic Circuit FAPL (10042)	C
	1001224162	Ref	Hydraulic Circuit FAPL (10054)	C
	1001132458	Ref	Latch Kit	
	1001253916	Ref	Latch Catch Kit (ANSI)	
	1001201459	Ref	Lights - Beacon Lights Kit	
	1001137628	Ref	Lights - Roadlights Kit	
	1001201458	Ref	Lights - Roadlights Kit (Safim Brakes)	
	1001213944	Ref	Lights - Roadlights Kit (Eaton Brakes)	
	1001137627	Ref	Lights - Worklight Kit	
	1001201460	Ref	Lights - Worklight Kit	
	1001238893	Ref	Lights - Worklight Kit (LED)	
	1001188068	Ref	Luk Coupler Kit	
	1001201457	Ref	Reverse Sensing System Kit (ANSI)	
	1001211460	Ref	Reverse Sensing System Kit (English/French)	
	1001211461	Ref	Reverse Sensing System Kit (ISO)	
	1001253829	Ref	Reverse Sensing System Kit (All)	
	1001130717	Ref	Service Kits	T
	1001196630	Ref	Steer Kit - Orbital	
	1001248570	Ref	Tire Kit (Set of 4) G2 13.00 x 24 Foam-Filled (8042)	
	1001248571	Ref	Tire Kit (Set of 4) G2 13.00 x 24 Pneumatic (8042)	
	1001248572	Ref	Tire Kit (Set of 4) G2 14.00 x 24 Foam-Filled (10042,10054)	
	1001248573	Ref	Tire Kit (Set of 4) G2 14.00 x 24 Pneumatic (10042,10054)	
	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	

SECTION 13 - SPECIAL OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	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	
	1001260947	Ref	Smart Shift Kit	
	1001200204	Ref	White Noise Alarm Kit	
	1001213885	Ref	White Noise Alarm Kit	

PART NUMBER INDEX

SECTION 13 - SPECIAL OPTIONS

0100009 .864, 867, 869, 871
0100011 121, 207, 211, 215, 281, 285, 289, 345, 347, 645, 683, 691, 701, 703
0100019 ..21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89, 127
01043892..... 343, 821
0140011 907
0240156 243
0400075 815
0630464 ..... 587, 599
0641403 ..... 311, 601
0641404 768, 772, 776, 780, 784, 788, 792, 796, 800
0641405 .....177, 323, 325
0641406 807
0641410 ..... 811, 907
0641415 903
0641507 301
0641508 ..... 323, 325
0641509 ..... 323, 325
0641510 ..21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89, 277
0641511 ..... 281, 285
0641514 ..... 877, 879
0641520 .....134, 138, 145
0641605 768, 772, 776, 780, 784, 788, 792, 796, 800
0641607 .....301, 303, 305
0641608 ..... 289, 303
0641609 317
0641612 .207, 211, 215, 317
0641614 ..... 323, 325
0641618 ..21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89, 101, 103, 105, 107, 109, 111, 113, 115, 117, 119
0641620 ..... 809, 907
0641632 809
0641636 601
0641652 601
0642032 205, 207, 209, 211, 215, 217
0642216 ..21, 25, 29, 33, 37, 41
0642640 127, 397, 431, 461, 491
0681810 .....207, 211, 215
0682418 127
0682496 127
0682648 ..21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89
0700610 920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036, 1040, 1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
0700614 ..... 277, 879
0700617 ..... 623, 625
0700812 305
0700822 623
0700827 ..... 345, 347
0700828 ..... 625, 645
0701026 ..... 333, 335
0701216 315
0701219 ..... 301, 303, 305
0711214 281, 285, 289, 301, 303, 305, 345
0711219 ..... 281, 285, 289
0711227 ..... 281, 285, 289
0711627 ..... 281, 285, 289
0711628 ..... 281, 285, 289
0721004 637
0741610 ..... 207, 211, 215
0760405 199
0760505 637
0760605 ..... 281, 285
0760608 ..... 315, 317
0760610 ..... 109, 119, 311
0760614 289
0760810 105, 107, 115, 117, 289, 293, 303, 305
0760812 . 301, 305, 521, 523
0760815 297
0761010 167
0761012 ..... 315, 337
0761014 289
0761212 768, 772, 776, 780, 784, 788, 792, 796, 800
0771618 ..... 281, 285, 289
0791606 121
0860520 177
0930020 197
1001003174 825
1001004720 ... 319, 321, 907
1001008742 ..... 587, 599
1001081049 .. 568, 572, 578, 582, 587, 590, 594, 599
1001081241 601
1001081242 601
1001081243 ..... 587, 599
1001081246 601
1001081247 601
1001081266 601
1001081310 ..... 605, 607
1001090063 ... 207, 211, 215
1001090064 ... 207, 211, 215
1001090140 ... 207, 211, 215
1001092391 223
1001092481 171
1001092482 171
1001092877 968, 972, 1020, 1024, 1068, 1072
1001092878 968, 972, 1020, 1024, 1068, 1072
1001093171 247
1001093273 243
1001093377 ..... 243, 257
1001093465 243
1001093564 817
1001094312 601
1001094330 243
1001094696 911
1001094787 .. 21, 25, 29, 33, 37, 41
1001094830 243
1001095418 213
1001095650 ..... 521, 523
1001095704 ..... 854, 1101
1001095810 177
1001096019 175
1001096020 175
1001096021 173
1001096023 173
1001096024 175
1001096025 173
1001096404 ..920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036, 1040, 1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
1001097079 897
1001097080 895
1001097205 247
1001097735 ... 135, 139, 144
1001098769 ..920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036, 1040, 1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
1001099113 ... 207, 211, 215
1001099115 ... 207, 211, 215
1001099351 185
1001099699 637
1001099901 189
1001099902 187
1001099976 ..545, 547, 549, 551, 561
1001100082 637
1001100227 257
1001100228 261
1001100229 259
1001100265 193
1001100266 195
1001100267 199
1001100284 ... 545, 549, 561
1001100323 545
1001100822 193
1001100823 195
1001100824 199
1001100967 183
1001101115 ..... 257, 261
1001101116 ..... 257, 259
1001101845 ..135, 139, 145, 153
1001101867 ..... 145, 155
1001101983 1104
1001102844 ..568, 572, 578, 582, 590, 594
1001103182 ..... 213, 713
1001105886 911
1001107589 661
1001108524 351
1001108575 601
1001108668 250
1001109004 1105
1001109053 .. 920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036, 1040, 1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
1001109478 ..... 587, 599
1001109532 1104
1001110704 213
1001110915 1104
1001111112 ..... 587, 599
1001111190 ..... 213, 250
1001111308 1105
1001112526 1104
1001112612 ... 803, 824, 833
1001112796 833
1001114495 ..... 319, 321
1001114675 .. 920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036, 1040, 1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
1001114867 .. 568, 572, 578, 582, 590, 594
1001116482 1106
1001116692 ..... 848, 855
1001116693 833
1001116710 826
1001116712 ..... 826, 891
1001116720 ..... 899, 915
1001116723 863
1001116726 825
1001116727 .. 825, 846, 852, 853, 854, 859
1001116728 .. 846, 847, 848, 853, 855, 859, 860, 873, 909
1001116729 .. 825, 846, 852, 859, 893
1001116731 833
1001116732 ..... 847, 861
1001116734 ... 847, 855, 861
1001116736 ..... 863, 889
1001116745 .. 825, 846, 852, 859, 909
1001116747 875
1001116748 .. 824, 847, 853, 854, 860
1001116751 863
1001116757 .. 846, 847, 853, 859, 860
1001116758 .. 846, 847, 853, 859, 860
1001116774 ..... 805, 824
1001116808 ..... 805, 824

1001116812 ..... 805, 824
1001116815 ..... 805, 833
1001116945 803
1001116950 ... 848, 855, 861
1001117021 .. 848, 855, 860, 873, 875, 909
1001117026 ..... 893, 909
1001117059 863
1001117068 ... 846, 852, 859
1001117070 ... 847, 855, 861
1001117079 889
1001117080 863
1001117081 915
1001117103 ... 848, 854, 861
1001117106 824
1001117111 ... 848, 855, 861
1001117119 ..... 824, 825
1001117125 ... 848, 855, 860
1001118245 ..... 903, 1100
1001118378 ..... 805, 824
1001118390 855
10011184495 913
1001119004 ... 847, 853, 860
1001119278 817
1001119610 ..... 695, 697
1001120083 293
1001120178 .. 553, 555, 557, 559
1001120179 ..... 553, 557
1001120869 ..... 323, 325
1001120914 ... 207, 211, 215
1001120915 ... 207, 211, 215
1001120989 1077
1001121101 ..... 549, 561
1001121103 553
1001121105 557
1001121726 825
1001121728 825
1001121730 .. 825, 848, 854, 861
1001125027 .. 848, 855, 860, 863
1001125083 854
1001125085 854
1001125089 854
1001125387 .. 920, 924, 944, 948, 976, 980, 996, 1000, 1028, 1032, 1048, 1052
1001125784 824
1001125785 824
1001126008 ..... 805, 824
1001126351 859
1001126353 859
1001126356 859
1001126387 1104
1001126391 853
1001126393 853
1001126484 855
1001126487 855
1001127066 915
1001127226 .. 792, 796, 800, 819
1001127699 ..... 903, 1100
1001127700 903
1001127784 ... 385, 387, 389
1001127864 ... 101, 103, 105, 107, 109, 111, 113, 115, 117, 119, 121
1001127867 121
1001128341 ..... 323, 325
1001128363 301
1001128364 301
1001128594 .... 283, 287, 291
1001128714 301
1001128890 181
1001128901 301
1001129285 ..... 826, 1100
1001129407 839
1001129615 903
1001130307 ... 768, 772, 776, 780, 784, 788, 792, 796, 800, 1101
1001130717 1105
1001131271 ... 920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036, 1040, 1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
1001132458 1105
1001133072 ..... 211, 215
1001133173 859
1001133534 ..... 317, 1100
1001134488 ..... 323, 325
1001135770 905
1001135777 905
1001136165 1105
1001136358 ..... 315, 317
1001136918 1104
1001136975 ... 315, 317, 319, 321
1001137512 241
1001137627 1105
1001137628 1105
1001138642 859
1001138643 859
1001138645 289
1001139319 101
1001139578 ... 920, 924, 944, 948, 976, 980, 996, 1000, 1028, 1032, 1048, 1052
1001139942.968, 972, 1020, 1024, 1068, 1072
1001141427 .... 568, 578, 590
1001141603 1104
1001141892 129
1001142247 254
1001142452 ... 944, 948, 952, 956, 960, 964, 968, 972, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1048, 1052, 1056, 1060, 1064, 1068, 1072
1001143551 805
1001143852 ..... 968, 972
1001144147 ..... 805, 833
1001144629J 177
1001145026 ..... 93, 97, 1101
1001145707 ..... 847, 861
1001146160 181
1001147515 129
1001148177 .. 920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036, 1040, 1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
1001148902 1105
1001148903 1105
1001148904 1105
1001148905 1105
1001148906 1105
1001149227 ... 575, 587, 599
1001149712 ..... 824, 833
1001150524 1105
1001152415 535
1001152416 535
1001153912 327
1001154055 ..... 521, 523
1001154226 1104
1001154375 907
1001154511 ..... 285, 287
1001154790 ..... 289, 291
1001155867 143
1001155869 143
1001155870 143
1001155920 138
1001155921 ..... 135, 139
1001155924 134
1001156009 ..... 143, 725
1001156010 ..... 139, 723
1001156011 ..... 135, 721
1001156283 .. 101, 103, 105, 107, 109, 111, 113, 115, 117, 119
1001157102 679
1001157268 ..... 1028, 1036, 1048, 1056, 1068
1001157273 .. 976, 984, 996, 1004, 1008, 1012, 1020
1001157274 .. 920, 928, 936, 944, 952, 960, 968, 976, 984, 996, 1004, 1008, 1012, 1020, 1028, 1036, 1048, 1056, 1068
1001157275 1075
1001157277 1075
1001157614 .. 920, 928, 936, 944, 952, 960, 968
1001157663 ..... 345, 347
1001157890 .. 805, 824, 825, 848, 855
1001157891 ..... 863, 889
1001158002 . 677, 745, 1100
1001158004 ..... 675, 677
1001158040 693
1001158041 653
1001158046 687
1001158272 .. 920, 924, 944, 948, 976, 980, 996, 1000, 1028, 1032, 1048, 1052
1001158319 .. 920, 924, 944, 948, 976, 980, 996, 1000, 1028, 1032, 1048, 1052
1001158320 968, 972, 1020, 1024, 1068, 1072
1001158321 968, 972, 1020, 1024, 1068, 1072
1001158357 679
1001158398 675
1001158404 ..... 623, 625
1001158527 681
1001158528 ..... 679, 681
1001158576 697
1001158611 ..... 697, 699
1001158786 ..... 671, 675
1001159186 ..... 824, 825
1001159319 .. 103, 105, 107, 109, 111, 113, 115, 117, 119
1001159844 ... 623, 625, 627
1001159850 ..... 578, 582
1001159851 ..... 590, 594
1001159856 ... 587, 599, 615
1001159860 ..... 587, 617
1001159861 ..... 599, 619
1001159878 .. 568, 572, 578, 582, 590, 594
1001159932 303
1001160071 629
1001160072 1091
1001160116 ... 281, 285, 289
1001160250 .. 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89
1001160782 303
1001160785 ..... 587, 599
1001160787 631
1001160788 ... 575, 585, 597
1001160790 ... 575, 585, 597
1001160791 ... 575, 585, 597
1001160815 575
1001160844 303
1001160845 285
1001160912 635
1001160916 1097
1001160945 1093
1001161212 ..... 869, 871
1001161213 ..... 864, 867
1001161920 ... 281, 285, 289
1001162212 311
1001162734 .. 920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036, 1040, 1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
1001162735 .. 920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036,

1040, 1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
1001162736...920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036, 1040, 1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
1001162737...976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036, 1040, 1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
1001162804...629, 631, 633, 635
1001162806..... 629
1001162831..... 1104
1001162832..... 1104
1001162833..... 1104
1001163174...928, 932, 952, 956, 984, 988, 1004, 1008, 1036, 1040, 1056, 1060
1001163206...928, 932, 952, 956, 984, 988, 1004, 1008, 1036, 1040, 1056, 1060
1001163210...928, 932, 952, 956, 984, 988, 1004, 1008, 1036, 1040, 1056, 1060
1001163212...928, 932, 952, 956, 984, 988, 1004, 1008, 1036, 1040, 1056, 1060
1001163222...928, 932, 952, 956, 984, 988, 1004, 1008, 1036, 1040, 1056, 1060
1001163285...928, 932, 952, 956, 984, 988, 1004, 1008, 1036, 1040, 1056, 1060
1001163300...928, 932, 952, 956, 984, 988, 1004, 1008, 1036, 1040, 1056, 1060
1001163304...928, 932, 952, 956, 984, 988, 1004, 1008, 1036, 1040, 1056, 1060
1001163323...928, 932, 952, 956, 984, 988, 1004, 1008, 1036, 1040, 1056, 1060
1001163355...928, 932, 952, 956, 984, 988, 1004, 1008, 1036, 1040, 1056, 1060
1001163414.. 207, 211, 215, 711
1001163685.....703
1001164096.....599
1001164099.....599
1001164196.....625
1001164282.....587
1001164284.....587
1001164404.....303
1001164717..... 587, 599
1001164837.....303
1001164838.....303
1001165057.. 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89
1001165194.....853
1001165275.....601
1001165276.....601
1001165489.....1105
1001165517... 281, 285, 289
1001165518... 281, 285, 289
1001165609.....303
1001165617... 575, 585, 597
1001165660... 281, 285, 289
1001165668.....335
1001165669.....293
1001165670.....325
1001165672.....315
1001165673.....319
1001165675.....307
1001165806... 587, 599, 601
1001165818.....293
1001165823..... 585, 587
1001166008.....347
1001166010.....385
1001166034.....1105
1001166069.....105
1001166070.....115
1001166109..... 944, 948
1001166110..... 952, 956
1001166111..... 968, 972
1001166112..... 996, 1000
1001166113..... 1004, 1008
1001166114..... 1020, 1024
1001166115..... 1048, 1052
1001166116..... 1056, 1060
1001166117..... 1068, 1072
1001166229.....337
1001166238.. 21, 25, 29, 33, 45, 49, 53, 57, 69, 73, 77, 81
1001166556.....853
1001166566..... 293, 295
1001166693.....303
1001166704..... 854, 855
1001166715.....297
1001166935... 301, 303, 305
1001166976.....303
1001167009.....1104
1001167167.....303
1001167168.....303
1001167250.....631
1001167251.....635
1001167357..... 345, 347
1001167528.....855
1001167617.....854
1001167620.....852
1001167624.....852
1001167641..... 847, 854
1001167643..... 847, 854
1001167644..... 847, 854
1001167646..... 847, 854
1001167647..... 847, 854
1001167648..... 847, 854
1001167649..... 847, 854
1001167650..... 847, 854
1001168051.....293
1001168052.....293
1001168053.....293
1001168066..... 597, 599
1001168451.....703
1001168478..... 325, 331
1001168822.....285
1001168859.....313
1001169001.....311
1001169006.. 101, 103, 105, 107, 109, 111, 113, 115, 117, 119
1001169057... 301, 303, 305
1001169059..... 323, 325
1001169077..... 293, 1101
1001169172.. 105, 107, 115, 117
1001169271.....319
1001169272..... 319, 321
1001169274..... 319, 321
1001169329.. 29, 33, 53, 57, 77, 81, 95
1001169466.. 37, 41, 61, 65, 85, 89, 95, 97
1001169620.. 772, 784, 796, 852
1001169787.....601
1001169816.....915
1001170117..... 323, 325
1001170186..... 323, 325
1001170230.....903
1001170233.. 768, 772, 776, 780, 784, 788, 792, 796, 800, 903
1001170234.. 768, 772, 776, 780, 784, 788, 792, 796, 800, 905
1001170235.....905
1001170269.. 780, 784, 788, 792, 796, 800, 1101
1001170316... 721, 723, 725
1001170329.....93, 97
1001170738.. 568, 572, 578, 582, 590, 594
1001170856.....95
1001171188.....693
1001171190.....687
1001171191.....689
1001171193.....689
1001171194.....689
1001171234.. 768, 772, 776, 780, 784, 788, 792, 796, 800
1001171236.. 768, 772, 776, 780, 784, 788, 792, 796, 800
1001171237.. 768, 772, 776, 780, 784, 788, 792, 796, 800
1001171238.. 768, 772, 776, 780, 784, 788, 792, 796, 800
1001171239.. 768, 772, 776, 780, 784, 788, 792, 796, 800
1001171384.. 101, 105, 109, 111, 115, 119
1001171385.. 101, 103, 105, 107, 109, 111, 113, 115, 117, 119
1001171472.....311
1001171473.....311
1001171474.....311
1001171633.. 768, 772, 776, 780, 784, 788, 792, 796, 800
1001171757.. 768, 772, 776, 780, 784, 788, 792, 796, 800
1001171786.....679
1001171802.....315
1001171803.....315
1001171805..... 315, 317
1001171806... 590, 594, 625
1001171807... 578, 582, 623
1001171873.....685
1001171986.....685
1001172135... 772, 784, 796
1001172136... 772, 784, 796
1001172537..... 623, 625
1001172561..... 623, 625
1001172658.. 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89
1001172784.....655
1001173177.....679
1001173217..... 623, 625
1001173422.. 944, 948, 952, 956, 968, 972, 996, 1000, 1004, 1008, 1020, 1024, 1048, 1052, 1056, 1060, 1068, 1072
1001173535..... 289, 311
1001173581. 645, 647, 1100
1001173582. 645, 649, 1100
1001173841.....689
1001174152.. 944, 948, 952, 956, 960, 964, 996, 1000, 1004, 1008, 1012, 1016, 1048, 1052, 1056, 1060, 1064
1001174162.....944
1001174227.. 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89
1001174229.. 21, 29, 37, 45, 53, 61, 69, 77, 85
1001174327... 301, 303, 305
1001174340.....645
1001174375.....701
1001174822.....335
1001175568..... 315, 317
1001175733.....909

1001176002 852
1001176004 852
1001176337 .. 877, 879, 881, 883, 895, 897
1001176515 179
1001176935 ..... 854, 855
1001177168 1105
1001177190 .. 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89
1001177192 .. 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89
1001177198 ... 826, 891, 899
1001177746 ... 587, 599, 601
1001177753 683
1001177778 .. 780, 784, 788, 901
1001178224 655
1001178285 .. 768, 772, 776, 780, 784, 788, 792, 796, 800, 824
1001178345 .. 864, 867, 869, 871, 873
1001178346 ..... 879, 889
1001178347 .. 578, 582, 590, 594, 863
1001178349 ... 587, 599, 915
1001178582 ..... 323, 325
1001178776 ..... 93, 97, 317, 323, 325
1001179229 ..... 623, 625
1001179326 ..... 1028, 1036, 1048, 1056, 1068
1001179353 .. 920, 928, 936, 944, 952, 960, 968
1001179354 .. 976, 984, 996, 1004, 1008, 1012, 1020
1001179375 315
1001179380 .. 920, 928, 936, 944, 952, 960, 968, 976, 984, 996, 1004, 1008, 1012, 1020, 1028, 1036, 1048, 1056, 1068
1001179381 .. 920, 928, 936, 944, 952, 960, 968, 976, 984, 996, 1004, 1008, 1012, 1020, 1028, 1036, 1048, 1056, 1068
1001179845 ..... 323, 325
1001180175 .. 928, 932, 952, 956, 984, 988, 1004, 1008, 1036, 1040, 1056, 1060
1001180176 .. 928, 932, 952, 956, 984, 988, 1004, 1008, 1036, 1040, 1056, 1060
1001180227 305
1001180244 337
1001180473 ... 281, 285, 289
1001180555 .. 568, 572, 578, 582, 590, 594, 641
1001180761 . 69, 77, 85, 717
1001180762 .. 22, 26, 30, 34, 38, 42, 46, 50, 54, 58, 62, 66, 69, 73, 77, 81, 85, 89, 731
1001180763 ... 135, 139, 143, 729
1001181584 ..... 323, 325
1001181585 ..... 323, 325
1001181707 ..... 587, 599
1001181893 ..... 587, 599
1001181899 ... 307, 768, 772, 776, 780, 784, 788, 792, 796, 800
1001181903 ..... 587, 599
1001181956 ..... 568, 572
1001181968 ..... 587, 599
1001182091 ... 587, 599, 869, 871
1001182094 315
1001182135 601
1001182255 .... 323, 325, 327
1001182408 601
1001182470 .... 587, 599, 607
1001182514 601
1001182603 315
1001182663 601
1001182723 625
1001182798 625
1001182800 601
1001182808 601
1001182810 601
1001182842 601
1001182865 601
1001182871 601
1001182882 601
1001182883 601
1001182884 601
1001183084 601
1001183104 601
1001183164 ... 568, 572, 578, 582, 591, 595
1001183209 601
1001183341 643
1001183370 673
1001183811 303
1001184316 ..... 903, 1100
1001184491 913
1001184493 913
1001184496 913
1001184835 ... 768, 772, 780, 784, 792, 796, 913
1001185071 337
1001185649 305
1001185650 289
1001185651 297
1001185652 321
1001185776 ..... 578, 582
1001185777 ..... 590, 594
1001186373 ..... 281, 285
1001186417 ..... 903, 1100
1001186490 317
1001186536 109
1001186537 119
1001186718 289
1001186841 ... 768, 772, 776, 780, 784, 788, 792, 796, 800, 815
1001187078 805
1001187239 984, 988, 1004, 1008, 1036, 1040, 1056, 1060
1001187512 854
1001187513 854
1001187952 826
1001188068 1105
1001189017 .. 920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036, 1040, 1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
1001189318 321
1001189327 .. 920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000, 1005, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036, 1040, 1044, 1048, 1052, 1057, 1060, 1064, 1068, 1072
1001189328 ..... 1028, 1032, 1036, 1040, 1045, 1049, 1053, 1057, 1061, 1065, 1068, 1072
1001189488 .. 776, 788, 800, 859
1001189596 .. 22, 26, 30, 34, 38, 42, 45, 49, 53, 57, 61, 65, 715
1001189602 321
1001189712 321
1001189715 321
1001189871 907
1001189875 .. 846, 847, 853, 859, 860
1001189877 ..... 854, 859
1001189886 ..... 907, 909
1001190005 297
1001190007 .. 37, 41, 61, 65, 85, 89
1001190183 297
1001190229 .. 568, 572, 578, 582, 590, 594, 609
1001190295 345
1001190341 .. 101, 103, 105, 107, 109, 111, 113, 115, 117, 119
1001190344 317
1001190349 317
1001190370 317
1001190371 317
1001190372 317
1001190629 317
1001190630 317
1001190631 317
1001190962 305
1001190990 305
1001191635 .. 920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036, 1040, 1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
1001191994 .. 920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972
1001191995 .. 976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024
1001191996 ..... 1028, 1032, 1036, 1040, 1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
1001192049 826
1001192050 826
1001192134 289
1001192390 .. 101, 103, 105, 107, 109, 111, 113, 115, 117, 119
1001192401 ... 848, 855, 861
1001192711 277
1001192720 277
1001192875 277
1001192876 277
1001192877 277
1001193364 1105
1001193427 1104
1001193428 1104
1001193540 277
1001193729 277
1001194592 703
1001194620 655
1001194745 655
1001195055 ... 848, 855, 861
1001195057 ..... 848, 861
1001195087 .. 848, 854, 855, 861
1001195606 1104
1001195760 825
1001195826 .. 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89
1001195952 .. 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89
1001195970 191
1001196109 683
1001196124 281
1001196125 301
1001196127 1105
1001196128 ..... 587, 599
1001196392 ..... 663, 665
1001196396 301
1001196397 301
1001196630 1105
1001196665 ..... 281, 283
1001196736 333
1001196737 323
1001196806 .. 945, 948, 952, 956, 960, 964, 997, 1001,

1005, 1009, 1013, 1017, 1049, 1053, 1057, 1061, 1065
1001197098..... 587, 599
1001197099....587, 599, 601
1001197233....285, 289, 345
1001197475..... 323, 329
1001198355..... 277
1001198684..... 703
1001198728..... 809
1001199116..... 93, 97
1001199135..... 93, 97
1001199136..... 93, 97
1001199177..... 93, 97
1001199181..... 93, 97
1001199199..... 97
1001199205.....93, 97, 1100
1001199210..... 93, 97
1001199670..... 311
1001199737..... 1105
1001199738..... 1105
1001199889...768, 780, 792, 846
1001199951..... 311
1001200204..... 1106
1001200833..... 824
1001200845..... 825, 899
1001201111..... 315, 317
1001201453..... 1104
1001201454..... 1104
1001201455..... 1104
1001201456..... 1104
1001201457..... 1105
1001201458..... 1105
1001201459..... 1105
1001201460..... 1105
1001201461..... 1105
1001201554...21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89
1001201569..... 29, 33
1001201570..... 37, 41
1001201571..... 53, 57
1001201572..... 61, 65
1001201573..... 77, 81
1001201574..... 85, 89
1001201658...568, 572, 579, 583, 591, 595
1001201691...22, 25, 30, 33, 38, 41
1001201692...45, 49, 53, 57, 61, 65
1001201693...69, 73, 77, 81, 85, 89
1001201721..... 749, 751
1001201734..... 673
1001201737..... 673
1001201738..... 673
1001201752..... 879
1001201831..... 293
1001201863..... 788
1001201864..... 784
1001201935..... 772
1001201936..... 776
1001201945..... 319, 321
1001201983..... 319
1001201991..... 655
1001202189... 575, 585, 597
1001202202... 575, 585, 597
1001202247..... 339, 341
1001202258..... 1104
1001202304..... 339, 341
1001202384..... 689
1001202615..... 575
1001202626.. 920, 924, 928, 932, 976, 980, 984, 988, 1028, 1032, 1036, 1040
1001202627.. 920, 924, 928, 932, 936, 940, 968, 972, 976, 980, 984, 988, 992, 1020, 1024, 1028, 1032, 1036, 1040, 1044, 1068, 1072
1001202746... 575, 585, 597
1001202904.. 263, 265, 267, 269, 271, 273, 275
1001203181. 339, 341, 1100
1001203503..... 277
1001203742..... 1105
1001203969..... 319, 321
1001203970..... 319
1001204032... 339, 341, 747
1001204045... 135, 139, 143
1001204097..... 319, 321
1001204098..... 319, 321
1001204099..... 319
1001204362..... 590, 594
1001204692..... 811, 907
1001205172.. 825, 891, 899, 1100
1001205248... 877, 879, 891
1001205264..... 877, 879
1001206542..... 807
1001206543..... 809
1001206956..... 339, 341
1001206983..... 339, 341
1001206985..... 339, 341
1001207173..... 813
1001207217.. 920, 924, 945, 948, 977, 980, 997, 1001, 1029, 1033, 1049, 1053
1001207218 968, 972, 1020, 1024, 1069, 1073
1001207606..... 245
1001207963.. 568, 572, 579, 583, 591, 595
1001208664.. 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89
1001209097..... 861
1001210093..... 673
1001210351..... 333
1001210581.. 929, 953, 985, 1005, 1009, 1037, 1057
1001210582.. 929, 953, 985, 1005, 1009, 1037, 1057
1001210703.. 568, 572, 578, 582, 590, 594, 1101
1001210776..... 826
1001210777..... 826
1001210778..... 826
1001210779..... 826
1001210819..... 135, 139
1001210859..... 673
1001210860 673
1001210862 673
1001210863 673
1001211139 213
1001211154 1105
1001211278 ..932, 956, 988, 1041, 1061
1001211460 1105
1001211461 1105
1001211516 217
1001211688 289
1001211690 .....109, 119
1001211697 289
1001211871 1079
1001211872 1081
1001211873 1083
1001211874 1085
1001211875 1087
1001211876 1089
1001211926 1104
1001211927 1104
1001211928 1104
1001212331 .....21, 25
1001212336 101
1001212337 768
1001212341 .....920, 924
1001212342 .....928, 932
1001212670 297
1001213199J.....541
1001213200J.....543
1001213210 .....307, 309
1001213430 .....69, 73
1001213432 111
1001213433 .....1028, 1032
1001213434 .....1036, 1040
1001213435 .....45, 49
1001213436 780
1001213437 .....976, 980
1001213438 .....984, 988
1001213574 809
1001213885 1106
1001213938 319
1001213944 1105
1001214398 1104
1001214788 1104
1001214789 1104
1001214790 1104
1001215778 613
1001215783 613
1001215941 .339, 341, 1100
1001216291 ..103, 107, 113, 117
1001216455 ...339, 341, 805
1001218358 805
1001218659 ..920, 924, 945, 949, 977, 981, 997, 1001, 1029, 1033, 1049, 1053
1001219045 673
1001219082 .....339, 341
1001219211 ..928, 932, 936, 940, 952, 957, 961, 965, 968, 972, 985, 989, 993, 1005, 1009, 1013, 1017, 1021, 1025, 1037, 1041, 1045, 1057, 1061, 1065, 1069, 1073
1001219212.. 945, 949, 997, 1001, 1049, 1053
1001220260..... 601
1001220490.. 431, 491, 493, 495, 497, 499, 503, 505
1001220491.. 431, 491, 507, 509, 511, 513, 517, 519
1001220492.. 433, 435, 437, 439, 443, 445
1001220493.. 447, 449, 451, 453, 457, 459
1001222200..... 523
1001222203..... 523
1001222211..... 431, 491
1001222214..... 545
1001222215..... 549
1001222216..... 541
1001222217..... 535
1001222218..... 537
1001222219..... 553
1001222220..... 557
1001222221..... 543
1001222495..... 123
1001222496... 123, 125, 127
1001222497... 123, 125, 129
1001222717..... 523
1001222870..... 387, 393
1001223050..... 643, 749
1001223052.. 568, 572, 579, 583, 591, 595, 643
1001223453.. 921, 924, 928, 932, 945, 949, 953, 957, 977, 981, 985, 989, 997, 1001, 1005, 1009, 1029, 1033, 1037, 1041, 1049, 1053, 1057, 1061
1001223727..... 387
1001224096..... 311
1001224119..... 125
1001224150..... 661
1001224152..... 655
1001224160..... 1105
1001224161..... 1105
1001224162..... 1105
1001224170..... 695
1001224171..... 697
1001224242..... 661
1001224459..... 655, 657
1001224460..... 655, 659
1001224467..... 657
1001224471..... 659
1001225317..... 521, 523
1001226328..... 835, 1101
1001226400..... 839
1001226541..... 833
1001226636..... 833
1001226637..... 833
1001226795..... 661
1001226796..... 829, 1101
1001226799..... 829, 831
1001226856... 829, 831, 833
1001227066... 835, 837, 839
1001227068..... 839
1001227077..... 339, 341
1001227207..... 107
1001227208..... 117

1001227211 .. 21, 25, 45, 49, 69, 73, 93
1001227266 839
1001227379 231
1001227382 235
1001227459 829
1001227508 ..... 695, 697
1001227636 ..... 657, 659
1001227670 .. 183, 197, 199, 201, 250, 254, 263
1001227964 ..... 339, 341
1001227989 339
1001228510 103
1001228512 113
1001228872 ..... 311, 1100
1001228954 ..... 831, 1101
1001228986 ..... 95, 99
1001229023 313
1001229024 313
1001229025 ..... 307, 313
1001229095 95
1001229107 835
1001229117 ..... 307, 311
1001229210 311
1001229575 ..... 936, 960
1001229708 1077
1001229919 397
1001229921 461
1001230239 181
1001230241 181
1001230307 .. 945, 949, 997, 1001, 1049, 1053
1001230309 953, 957, 1005, 1009, 1057, 1061
1001230402 805
1001230931 824
1001231397 ..... 803, 805
1001231398 805
1001231400 ..... 803, 805
1001231401 805
1001231402 805
1001231404 ..... 803, 805
1001231406 805
1001231560 ... 339, 341, 803
1001231692 181
1001231801 .. 921, 925, 945, 949, 977, 981, 997, 1001, 1029, 1033, 1049, 1053
1001232216 715
1001232355 237
1001232439 ..... 343, 821
1001232500 181
1001232517 127
1001232518 127
1001232599 ..... 343, 821
1001232624 ..... 343, 821
1001232750 ... 343, 821, 841
1001233174 811
1001233202 811
1001233208 811
1001233217 811
1001233236 ..... 837, 1101
1001233237 837
1001233383 207
1001233384 211
1001233385 215
1001233434 811
1001233435 811
1001233828 811
1001233964 ....841, 843, 911
1001233976 .....811, 813
1001234216 ....817, 841, 843
1001234530 841
1001235725 319
1001235794 ...936, 940, 960, 964, 992, 1012, 1016, 1044, 1064
1001235796 ...936, 940, 960, 964, 992, 1012, 1016, 1044, 1064
1001235797 ...936, 940, 960, 964, 992, 1012, 1016, 1044, 1064
1001235798 ...936, 940, 960, 964, 992, 1012, 1016, 1044, 1064
1001235799 ...936, 940, 960, 964, 992, 1012, 1016, 1044, 1064
1001235801 ...936, 940, 960, 964, 992, 1012, 1016, 1044, 1064
1001235802 ...936, 940, 960, 964, 992, 1012, 1016, 1044, 1064
1001235803 ...936, 940, 960, 964, 992, 1012, 1016, 1044, 1064
1001235804 ...936, 940, 960, 964, 992, 1012, 1016, 1044, 1064
1001235805 ...936, 940, 960, 964, 992, 1012, 1016, 1044, 1064
1001236312 .960, 964, 1012, 1016, 1064
1001236313 ...936, 940, 992, 1044
1001237778 855
1001237846 1095
1001237847 877
1001237853 .....877, 897
1001237854 .....877, 895
1001238111 ....875, 877, 879
1001238199 ....877, 879, 893
1001238560 .....177, 277
1001238565 ...171, 173, 175, 177
1001238566 277
1001238570 277
1001238653 171
1001238654 173
1001238655 175
1001238893 1105
1001238933 1104
1001239250 831
1001239455 1104
1001239539 .....339, 341
1001239734 ....207, 211, 215
1001239958 843
1001239988 1105
1001241305 637
1001241837 .....555, 559
1001241838 .....547, 551
1001241839 547
1001241840 551
1001241841 555
1001241842 559
1001241846 547
1001241847 551
1001241848 555
1001241849 559
1001242035 .. 101, 103, 105, 107, 109, 111, 113, 115, 117, 119
1001242116 1064
1001242117 1044
1001242122 ..... 992, 1012, 1016, 1044, 1064
1001242172 .. 936, 940, 960, 964, 992, 1012, 1016, 1044, 1064
1001242173 .. 936, 940, 960, 964, 992, 1012, 1016, 1044, 1064
1001242179 .. 937, 940, 961, 965, 993, 1013, 1017, 1045, 1065
1001242181 961, 965, 1013, 1017, 1065
1001242195 1104
1001242636 ..... 1012, 1016
1001242637 992
1001242644 201
1001242822 ..... 960, 964
1001242823 ..... 936, 940
1001242916 633
1001242920 129
1001242925 ..... 701, 759
1001242996 .. 134, 138, 143, 151
1001243025 151
1001243026 151
1001243183 1104
1001243184 1104
1001243219 151
1001243411 ..... 701, 703
1001243412 703
1001243577 1104
1001244278 703
1001244302 703
1001244306 683
1001244307 683
1001244308 683
1001244357 671
1001244359 691
1001244361 691
1001244592 127
1001244610 691
1001244650 645
1001244652 ..... 645, 647
1001244653 ..... 645, 649
1001244654 ... 645, 647, 649
1001244871 697
1001244980 673
1001244982 695
1001245054 ..... 671, 673
1001245057 ..... 671, 679
1001245058 679
1001245060 653
1001245061 653
1001245067 665
1001245068 665
1001245070 697
1001245158 691
1001245213 .. 397, 431, 461, 491
1001245214 .. 397, 431, 461, 491
1001245215 .. 397, 431, 461, 491
1001245478 ..... 327, 1101
1001246001 539
1001246078 .. 936, 940, 961, 964, 992, 1013, 1017, 1045, 1065
1001246391 ..... 848, 855
1001246735 ..... 575, 597
1001246736 ... 568, 572, 575
1001246737 ... 579, 583, 585
1001246738 ... 591, 595, 597
1001247045 ..... 705, 763
1001247171 ..... 703, 705
1001247421 ..... 907, 1100
1001247465 ..... 531, 533
1001247514 531
1001247515 531
1001247516 533
1001247517 533
1001247654 703
1001247759 531
1001247760 533
1001248570 1105
1001248571 1105
1001248572 1105
1001248573 1105
1001249695 1105
1001249941 1105
1001250700 .. 768, 772, 776, 780, 784, 788, 792, 796, 800
1001251208 879
1001251270 ..... 879, 881
1001251271 ..... 879, 883
1001251401 521
1001251402 521
1001251403 521
1001251426 703
1001251503 .. 792, 796, 800, 899
1001252320 796
1001252321 792
1001252322 800
1001252968 675
1001252969 675
1001252970 675
1001252971 675
1001252986 539
1001253829 1105
1001253916 1105
1001254099 675
1001254386 701
1001254411 ..... 735, 737
1001256316 ..... 699, 761
1001256320 .. 22, 26, 30, 34, 38, 42
1001256321 .. 45, 49, 53, 57, 61, 65, 735

SECTION 13 - SPECIAL OPTIONS

1001256322..70, 78, 86, 737
1001256519....572, 582, 594
1001257571...663, 665, 667, 669
1001258010..... 1105
1001258100..... 637
1001258227..... 1105
1001258244..... 611
1001258245..... 611
1001258991..... 815
1001259206..... 225
1001259302...924, 932, 940, 948, 956, 964, 972, 980, 988, 992, 1000, 1016, 1024, 1032, 1040, 1044, 1052, 1060, 1064, 1072
1001259303...924, 932, 940, 948, 956, 964, 972, 980, 988, 992, 1000, 1016, 1024, 1032, 1040, 1044, 1052, 1060, 1064, 1072
1001259305...924, 932, 940, 948, 956, 964, 972, 980, 988, 992, 1000, 1016, 1024, 1032, 1040, 1044, 1052, 1060, 1064, 1072
1001259306...924, 932, 940, 948, 956, 964, 972, 980, 988, 992, 1000, 1016, 1024, 1032, 1040, 1044, 1052, 1060, 1064, 1072
1001259635..... 539
1001260509..... 913
1001260947..... 1106
1001262960..... 835, 837
1001262963..... 835, 837
1001263589.....1033, 1041, 1045, 1053, 1061, 1065, 1073
1001263590...981, 989, 993, 1001, 1017, 1025
1001263591...925, 933, 941, 949, 957, 965, 973
1001263821...924, 932, 940, 948, 956, 964, 972, 980, 988, 992, 1000, 1016, 1024, 1032, 1040, 1044, 1052, 1060, 1064, 1072
1001265272..... 601
1001269415..... 143
1001271586..... 867, 871
1001272715..... 167
1001273850..... 633
1001275637...547, 551, 555, 559
1001275638...547, 551, 555, 559
1001275933..... 611
1001280231.....601, 1104
1001294815..... 1077
1001296322.....74, 82, 90
1001301599..... 213
1001301600..... 213
1005798000...397, 399, 401, 403, 405, 409, 411
1005798100...397, 413, 415, 417, 419, 423, 425
1005798200.. 461, 463, 465, 467, 469, 473, 475
1005798300.. 461, 477, 479, 481, 483, 487, 489
10139087..... 920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036, 1040, 1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
10268515.....297, 299
10268516.....297
1060379.....177
1060626.....817, 911
1062255 768, 772, 776, 780, 784, 788
10705034.....203
10719267.....293
10725554.....467, 497
10725627.....503, 517
10727374.....643
10728823.....673
10731702.....355
10731709..... 377, 378, 381
10731744.....359
10731748.....355
10731751.....355
10731845..... 361, 363, 367
10731913.....357
10731959.....373
10732063.....377, 381
10732064.....377
10732071.....375
10732072.....375
10732095.....355
10732150..... 101, 103, 105, 107, 109, 111, 113, 115, 117, 119
10837928.....759
10839156.....373
1101312..... 299, 1101
1101313..... 299, 1101
1101841.....389
1170012.....205
1170021.....205
1170024.....209
1319203.....355
1319204.....355
1319205.....355
1319209.....355
1319210.....355
1319211.....355
1319213.....355
1319557.....357
1319558.....357
1319563.....357
1319565.....357
1319566.....357
1319569.....359
1319570.....359
1319571.....359
1319574.....359
1319575.....359
1319576.....359
1319577.....359
1319582.....359, 383
1319583.....359
1319584.....359
1319585.....359, 383
1319586.....359
1319587.....359
1319590.....359
1319591.....361
1319592.....361
1319593 361, 363, 365, 367, 369, 371
1319594 361, 363, 365, 367, 369, 371
1319595 361, 363, 365, 367, 369, 371
1319596.....361, 363, 367
1319600 361, 363, 365, 367, 369, 371
1319601 361, 363, 365, 367, 369, 371
1319602 361, 363, 365, 367, 369, 371
1319603 361, 363, 365, 367, 369, 371
1319604 361, 363, 365, 367, 369, 371
1319605.....361, 363, 367
1319606.....361, 363, 367
1319607.....361
1319608.....361, 371
1319609.....361
1319610.....361
1319611.....361
1319612 361, 363, 365, 367, 369, 371
1319613.....363
1319614.....363
1319615.....363, 367, 369
1319616.....365
1319617.....365, 369, 371
1319618.....365, 369, 371
1319619.....365
1319620.....365, 369, 371
1319621.....365, 369, 371
1319622.....365, 369, 371
1319623.....365, 369, 371
1319624.....365, 369, 371
1319625.....365, 369, 371
1319626.....365, 369, 371
1319627.....365, 369, 371
1319628.....365, 369, 371
1319629.....365, 369, 371
1319630.....365, 369, 371
1319631.....365, 369, 371
1319632.....365, 369, 371
1319633.....365, 373
1319634.....367
1319635.....367
1319636.....367, 369, 371
1319637.....369
1319638.....369, 371
1319639.....371
1319641.....373
1319643.....373
1319646.....373
1319647.....373
1319648.....373
1319649.....373
1319650.....375
1319652..... 375, 377
1319659.....375
1319661..... 375, 377
1319670..... 377, 381
1319671.....377
1319673.....377
1319674.....377
1319675.....377
1319676.....377
1319677.....377
1319678.....377
1319679.....377
1319680.....377
1319681.....377
1319682.....377
1319683.....377
1319684.....377
1319685.....377
1319686.....377
1319687.....377
1319688.....377
1319689.....377
1319690.....377
1319691.....377
1319692.....377
1319693.....377
1319694.....377
1319695.....377
1319696..... 377, 381
1319697.....377
1319698.....377
1319699.....377
1319700.....377
1319701.....377
1319702..... 377, 381
1319703..... 377, 381
1319704.....377
1319705.....377
1319707..... 377, 381
1319710.....381
1319711.....381
1319712.....381
1319713.....381
1319714.....381
1319715.....381
1319717.....381
1319718.....383
1319719.....383
1319720.....383
1319721.....383
1319722.....383
1319723.....383
1319724.....383
1319725.....383
1319726..... 383, 1100
1320022 321, 568, 572, 578, 582, 590, 594
1320032.....311
1321094..... 283, 287, 291
1322039..... 283, 287, 291
1322040..... 283, 287, 291
1600429 568, 572, 578, 582, 590, 594, 1100

1701509 177
1701640 920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036, 1040, 1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
1702300 920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036, 1040, 1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
1702631 1060
1702773 ..... 171, 173, 175
1704277 177
1704885 ..... 171, 173, 175
1706098 ..... 968, 972, 1020, 1024, 1068, 1072
1706279 .. 1020, 1024, 1068, 1072
1706281 ..... 968, 972, 1020, 1024, 1068, 1072
1706282 ..... 968, 972, 1020, 1024, 1068, 1072
1706284 ..... 968, 972, 1020, 1024, 1068, 1072
1706285 ..... 968, 972, 1020, 1024, 1068, 1072
1706288 ..... 968, 972, 1020, 1024, 1068, 1072
1706296 920, 924, 944, 948, 976, 980, 996, 1000, 1028, 1032, 1048, 1052
1706298 920, 924, 944, 948, 976, 980, 996, 1000, 1028, 1032, 1048, 1052
1706299 920, 924, 944, 948, 976, 980, 996, 1000, 1028, 1032, 1048, 1052
1706300 920, 924, 944, 948, 976, 980, 996, 1000, 1028, 1032, 1048, 1052
1706301 920, 924, 944, 948, 976, 980, 996, 1000, 1028, 1032, 1048, 1052
1706302 277
1706306 920, 924, 944, 948, 976, 980, 996, 1000, 1028, 1032, 1048, 1052
1706768 920, 924, 944, 948, 976, 980, 996, 1000, 1028, 1032, 1048, 1052
1706850 920, 924, 944, 948, 976, 980, 996, 1000, 1028, 1032, 1048, 1052
1706892 171
2080040 177
2110606 . 207, 211, 215, 753
2130606 ..... 203, 753
2130608 203
2130808 ..... 207, 211, 215
2131210 351
2131212 ..... 323, 325, 351
2172106 ..... 207, 211, 215
2180798 297
2220218 317
2220239 ..... 93, 97
2220371 677, 689, 699, 701, 705
2220372 699
2220373 135, 139, 663, 665, 667, 669, 681, 699, 705
2220374 ..... 697, 701, 911
2220375 ..... 93, 97, 689
2220377 701
2220385 663, 665, 667, 669, 673, 697, 705
2220415 ..... 213, 691
2220451 701
2220472 701
2220473 . 129, 213, 689, 701
2220474 699
2220497 701
2220498 911
2220499 ..... 93, 97
2220500 . 144, 657, 659, 681
2220501 689
2220577 ..... 93, 97
2220578 ..... 135, 139, 144
2220582 ..... 677, 701
2220596 . 665, 669, 701, 705
2220600 705
2220603 681
2220605 ..... 643, 659
2220606 701
2220622 911
2220635 .... 93, 97, 657, 691, 697, 705
2220651 ..... 145, 167
2220654 659
2220677 661
2220695 689
2220700 911
2220726 705
2220738 701
2220819 701
2220828 701
2220878 701
2220883 731
2220885 761
2220998 701
2221027 167
2221344 643
2230025 ..... 145, 167
2230044 653
2340037 221
2340038 229
2340039 239
2340045 227
2340046 219
2400060 ..... 848, 856, 861
2400066 856
24921332 ..... 301, 305
2600281 177
2713082 167
2713452 ..... 135, 139
2713642 165
2714973 ..... 73, 81, 89, 719
2716665 697
2716673 655
2716675 689
2716686 689
2716688 689
2716691 689
2716709 129
2716713 653
2716714 . 663, 665, 667, 669
2716715 . 663, 665, 667, 669
2717160 203
2717161 203
2717162 203
2717198 .. 22, 26, 30, 34, 38, 42, 46, 50, 54, 58, 62, 66, 70, 74, 78, 82, 86, 90, 743
2717201 ..... 129, 739
2717283 ..... 203, 727
2717287 213
2755060 . 663, 665, 667, 669
2900770 739
2910995 1104
2910996 1104
2915023 713
2915189 1104
2915190 1104
2915191 1104
2915208 1104
2940074 ..... 177, 1101
31200160 171
31200386 175
31200387 173
31200388 173
3251813 920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036, 1040, 1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
3290501 ..... 343, 821
3290505 ..... 339, 341
3290601 277, 768, 772, 776, 780, 784, 788, 792, 796, 800
3290605 315, 317, 623, 625, 768, 776, 780, 788, 792, 800
3290801 303, 601, 768, 772, 776, 780, 784, 788, 792, 796, 800
3290805 . 289, 307, 623, 625
3291205 315
3300240 205, 207, 209, 211, 215, 217
3300429 ..... 93, 97
3311401 323, 325, 568, 572, 578, 582, 590, 594, 811
3311405 177
3311502 277
3311601 ..... 134, 138, 145
3311605 809
3331615 ..... 281, 285, 289
3391410 277
3421453 177
3423226 ..... 134, 138, 143
3423227 .. 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89
3423242 ..... 209, 211
3423248 127
3423254 . 397, 431, 461, 491
3423275 ..... 205, 207
3423276 ..... 213, 215, 217
3423307 ..... 207, 211, 215
3440620 181
3460383 ..... 134, 138, 145
3460384 ..... 134, 138, 145
3520030 .. 21, 25, 29, 33, 37, 41, 101, 103, 105, 107, 109, 111, 113, 115, 117, 119
3520072 177
3520198 177
3740080 ..... 339, 341, 1100
3760170 177
3790152 ..... 339, 341
3820020 177
3841203 ..... 207, 211, 215
3930610 568, 572, 578, 582, 590, 594
3931012 ..... 811, 907
3951404 729
3968141 403, 417, 437, 451, 481, 511
4031608 ..... 343, 821
4060803 ..... 587, 599
4060804 .. 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89
4060805 .. 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89
4060806 568, 572, 578, 582, 590, 594
4100181 920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036, 1040, 1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
4105262 920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036, 1040, 1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
4107442 920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036, 1040,

1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
4107971 .....976, 980, 996, 1000, 1028, 1032, 1048, 1052
4108302 920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036, 1040, 1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
4110422 181, 183, 185, 187, 189
4110473 203
4240017 768, 772, 776, 780, 784, 788
4240032 811, 829, 831, 835, 837
4240099 .....281, 285, 289
4360569 568, 572, 578, 582, 590, 594
4360690 568, 572, 578, 582, 590, 594, 1100
4420037 ..95, 101, 103, 105, 107, 109, 111, 113, 115, 117, 119
4460019 847, 848, 854, 855, 859, 860, 861
4460042 .....847, 852, 860
4460121 811
4460142 861
4460183 909
4460234 .....811, 829, 831
4460247 .....848, 855, 861
4460256 .....847, 853, 860
4460268 863
4460312 .848, 854, 855, 861
4460321 805
4460326 863
4460419 824, 873, 889, 893, 901, 915
4460457 .819, 875, 893, 899
4460458 805, 819, 825, 846, 847, 848, 852, 853, 854, 855, 859, 860, 861, 873, 899, 909
4460459 819
4460464 803, 805, 813, 824, 825, 833, 839, 846, 852, 859, 863, 873, 889, 899, 901, 915
4460465 803, 805, 813, 824, 825, 833, 846, 847, 848, 852, 853, 854, 855, 859, 860, 861, 863, 873, 889, 899, 901
4460466 803, 805, 813, 824, 825, 833, 846, 847, 848, 852, 854, 855, 856, 859, 861, 863, 889, 899
4460467 1106
4460475 805, 819, 846, 848, 852, 855, 859, 860, 899
4460476 .819, 848, 855, 860
4460508 ..... 825, 889, 891
4460509 ..... 824, 891, 893
4460510 1106
4460518 ..... 805, 824
4460539 ..... 805, 813
4460608 846, 848, 852, 855, 860
4460742 . 805, 875, 893, 899
4460744 ..... 846, 853, 859
4460746 854
4460761 ..... 805, 824
4460789 ..... 825, 875, 893
4460790 ..... 825, 891
4460809 805
4460836 824
4460850 ..... 846, 852, 859
4460871 824
4460872 824
4460884 824, 848, 852, 855, 861, 889
4460891 805, 824, 825, 846, 847, 852, 853, 854, 859, 860, 873, 899, 901
4460894 ..... 833, 889
4460897 . 825, 873, 901, 915
4460905 824
4460930 ..... 803, 824, 825
4460931 805, 846, 852, 859, 889
4460933 . 813, 825, 863, 889
4460941 ..... 889, 899, 901
4460942 ..... 824, 863, 889
4460945 805
4460950 863
4460955 . 847, 853, 854, 860
4460970 . 813, 824, 825, 899
4460994 ..... 824, 915
4461006 ..... 854, 855
4461017 ..... 825, 889, 891
4461018 ..... 891, 893
4461070 . 824, 854, 855, 861
4461095 . 847, 854, 855, 861
4461103 ..... 826, 899, 1100
4461157 . 846, 852, 859, 899
4520356 539
4520527 537
4641122 539
4641501 ..... 753, 757
4641502 ..... 203, 753
4710600 568, 572, 579, 583, 591, 595
4711000 811
4711400 177, 323, 325, 587, 599, 768, 772, 776, 780, 784, 788, 792, 796, 800, 807, 811, 907
4711500 281, 285, 323, 325, 601
4711600 317, 768, 772, 776, 780, 784, 788, 792, 796, 800, 809, 920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036, 1040, 1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
4740362 .....323, 325
4750800 637
4751400 .....311, 601
4761400 568, 572, 578, 582, 590, 594, 903
4761500 .....281, 285
4811400 199
4811600 317, 339, 341, 343, 637, 821
4811700 277, 281, 285, 289, 311, 315, 623, 625, 772, 784, 796, 879
4811702 109, 119, 623, 625, 768, 776, 780, 788, 792, 800
4811900 105, 107, 115, 117, 301, 303, 305, 307, 623, 625, 768, 772, 776, 780, 784, 788, 792, 796, 800
4811902 .289, 293, 521, 523
4812000 167, 289, 303, 315, 333, 335
4812100 281, 285, 289, 301, 303, 305, 315, 345, 768, 772, 776, 780, 784, 788, 792, 796, 800
4812300 .....281, 285, 289
4831600 .....343, 821
4831700 879
4832000 .....333, 335
4891500 301
4891600 ..21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89, 301, 303, 305, 877, 879
4891800 .....207, 211, 215
4892400 127
5240800 .....345, 347
5242400 277
5251014 568, 572, 578, 582, 590, 594
5724622 .....134, 138, 144
5746411 144
6604662 213
70002219 711
70002224 711
70003849 711
70004637 731
70010239 1106
70020002 201
70020004 265
70020028 201
70020375 .....723, 725, 729
70020404 641
70020425 375
70020426 375
70020427 381
70020428 713
70020430 373
70020431 373
70020555 .....245, 247
70020562 197
70020652 607
70020658 739
70020743 751
70020745 751
70020876 619
70021140 ..... 417, 451, 481, 511, 527
70021342 ..... 185, 197
70021349 ..... 183, 185
70021351 201
70021358 197
70021359 197
70021360 197
70021361 197
70021362 197
70021364 197
70021365 197
70021366 197
70021367 197
70021376 ..... 201, 709
70021377 201
70021378 201
70021379 201
70021382 201
70021387 ..... 183, 197
70021389 201
70021391 197
70021392 197
70021393 ..... 197, 733
70021399 197
70021415 ..... 183, 185
70021440 ..... 179, 709, 733
70021444 ..... 709, 733
70021445 709
70021446 ..... 709, 733
70021447 ..... 709, 733
70021448 ..... 709, 733
70021451 ..... 709, 733
70021452 ..... 709, 733
70021464 733
70021465 733
70021466 733
70021613423, 457, 487, 517
70021812 713
70021921 ..... 183, 185
70021935 ..... 183, 185
70021948 ..... 601, 1101
70021977 ..... 183, 185
70021978 ..... 183, 185
70021979 ..... 183, 185
70021980 197
70021981 197
70021982 197
70022008 759
70022014 759
70022028 ..... 183, 185
70022044 713
70022045 713
70022046 713
70022140 ..... 467, 497
70022527 ..... 183, 185, 197
70022528 ..... 183, 185
70022529 ..... 183, 185
70022563 731
70022564 731
70022634 ..... 283, 287, 291
70022650 751
70022797 ..... 403, 417, 437, 451, 481, 511

70022799419, 453, 483, 513
70022871 1105
70022872 1105
70022931 250
70022932 250
70022934 250
70022935 251
70022936 250
70022937 250
70022939 251
70022942 250
70022946 251
70022949 ..... 250, 251
70022950 250
70022952 250
70022957 250
70022960 250
70022969 250
70022970 250
70022980 251
70022984 250
70022985 250
70022987 250
70022990 251
70022992 250
70022993 250
70022994 250
70022995 250
70022996 254
70022998 251
70023000 254
70023003 250
70023004 250
70023005 250
70023006 250
70023007 250
70023008 250
70023009 250
70023010 250
70023014 250
70023015 250
70023016 250
70023116 ..... 470, 500
70023174 1105
70023404 359
70023482 355
70023483 355
70023490 ..... 467, 497
70023494 ..... 467, 497
70023506 761
70023507 761
70023508 761
70023509 761
70023736 ..... 283, 287, 291
70023829 ..... 470, 500
70023885 ..... 359, 383
70023925 250
70023928 757
70023929 757
70023933 ..... 283, 287
70024004 ..... 467, 497
70024016 ..... 283, 287, 291
70024020 711
70024059 ..... 183, 185
70024060 185
70024062 179
70024123 254
70024129 ..... 741, 755
70024130 755
70024146 ..... 469, 500
70024147 ..... 469, 499
70024152 ..... 93, 97
70024202 759
70024210 ..... 409, 423, 443, 457, 473, 487, 503, 517
70024213 ..... 473, 503
70024215 ..... 473, 503
70024253 ..... 846, 852
70024254 ..... 846, 852
70024255 ..... 846, 852
70024256 ..... 846, 852
70024262 711
70024306 241
70024307 241
70024319 ..... 641, 1101
70024519415, 449, 479, 509
70024522 ..... 403, 417, 437, 451, 481, 511
70024538 254
70024550 254
70024734 741
70024848 ..... 473, 503
70024849 ..... 473, 503
70024851 ..... 469, 499
70024855 615
70024872 ..... 401, 435
70024881 ..... 401, 405, 415, 419, 435, 439, 449, 453, 465, 469, 479, 483, 495, 499, 509, 513
70025012 ..... 405, 439
70025014 ..... 405, 439
70025339 ..... 467, 497
70025480 ..... 587, 599
70025547 437
70025555 ..... 403, 417, 437, 451, 481, 511
70025556 ..... 403, 417, 437, 451, 481, 511
70025561 ..... 405, 419, 439, 453, 469, 483, 499, 513
70025562 ..... 403, 405, 417, 419, 437, 439, 451, 453, 467, 469, 481, 483, 497, 499, 511, 513
70025569 ..... 417, 451, 481, 511, 527
70025570 ..... 417, 451, 481, 511, 527
70025606 711
70025821423, 457, 487, 517
70025822423, 457, 487, 517
70025823 ..... 409, 423, 443, 457, 487, 517
70025852 ..... 295, 1101
70025853 ..... 295, 1101
70025856 ..... 467, 497
70025857 ..... 469, 499
70025859 ..... 749, 751
70025887 ..... 467, 497
70025959 711
70025970 ..... 473, 503
70025981 ..... 409, 443
70025982 759
70026002 ..... 469, 499
70026025 ..... 735, 737
70026036 ..... 723, 725
70026038 723
70026039 725
70026040 725
70026041 725
70026042 725
70026043 725
70026052 721
70026053 721
70026054 721
70026056 711
70026057 711
70026058 711
70026059 711
70026060 711
70026061 711
70026062 711
70026066 ..... 469, 499
70026074 641
70026075 ..... 329, 331
70026076 ..... 329, 331
70026077 ..... 329, 331
70026078 ..... 329, 331
70026079 ..... 329, 331
70026080 331
70026081 ..... 329, 331
70026082 ..... 329, 331
70026083 ..... 329, 331
70026085 ..... 763, 1100
70026087 763
70026088 627
70026089 627
70026090 627
70026091 627
70026092 627
70026093 627
70026097 745
70026098 745
70026100 615
70026101 615
70026102 615
70026103 615
70026104 615
70026105 615
70026106 615
70026107 615
70026108 615
70026109 615
70026110 615
70026111 ..... 615, 619
70026112 615
70026113 615
70026114 615
70026115 615
70026116 615
70026117 615
70026118 615
70026119 615
70026120 615
70026121 615
70026122 615
70026123 ..... 615, 617, 620
70026124 ..... 615, 620
70026133 759
70026139 481
70026216 863
70026217 ..... 848, 855, 863
70026220 ..... 283, 287
70026221 283
70026222 ..... 283, 291
70026223 287
70026224 ..... 283, 287, 291
70026225 ..... 283, 287, 291
70026226 ..... 283, 287, 291
70026228 ..... 283, 287, 291
70026229 ..... 283, 287, 291
70026230 ..... 283, 287, 291
70026231 ..... 283, 287, 291
70026232 ..... 283, 287, 291
70026233 291
70026234 ..... 283, 291, 1100
70026235 ..... 283, 287, 291
70026236 287
70026237 ..... 283, 287, 291, 1100
70026238 ..... 405, 419, 439, 453, 483, 513
70026241 ..... 283, 287, 291
70026244 309
70026245 309
70026247 309
70026248 ..... 309, 1100
70026255 497
70026262409, 443, 473, 503
70026263 ..... 473, 503
70026264 ..... 473, 503
70026347 254
70026352 607
70026370 759
70026376 759
70026393 295
70026394 295
70026401 681
70026448 1106
70026453 ..... 283, 287, 1100
70026470 254
70026471 254
70026472 254
70026473 254
70026476 254
70026478 755
70026481 254
70026482 254
70026495 741
70026497 741
70026499 741
70026500 741
70026501 ..... 254, 741
70026502 741
70026503 741
70026505 741
70026506 741
70026564 761
70026585 254
70026586 254
70026587 ..... 254, 741
70026588 254
70026589 ..... 254, 755
70026590 254
70026591 254
70026592 254
70026593 254

70026594..... 254
70026595..... 254
70026596..... 254
70026597..... 254
70026598..... 254
70026599..... 254
70026600..... 254
70026601..... 254
70026602..... 254
70026603..... 254
70026604..... 254
70026605..... 254
70026606..... 254
70026607..... 254
70026608..... 254
70026609..... 254
70026610..... 741
70026611..... 741
70026612..... 755
70026613..... 755
70026614..... 755
70026615..... 755
70026616..... 755
70026617..... 755
70026618..... 755
70026619..... 755
70026620..... 755
70026621..... 755
70026622.....405, 419, 439, 453, 483, 513
70026623..... 409, 443
70026631.....403, 417, 437, 451, 481, 511
70026652..... 759
70026653..... 759
70026698..... 183, 185
70026699..... 179
70026742..... 715
70026745..... 245
70026746..... 245
70026747..... 179
70026750..... 467, 497
70026770..... 727
70026771..... 727
70026773..... 727
70026774..... 727
70026775..... 727
70026800..... 291
70026801.....291, 1100
70026803.....405, 419, 439, 453, 483, 513
70026806.....406, 419, 429, 440, 453
70026811.....405, 419, 429, 439, 453
70026812.....405, 419, 429, 439, 453, 483, 513
70026854..... 619
70026944..... 179
70026945..... 619
70026946..... 179
70026948..... 179
70026949..... 179
70026978..... 617, 619
70026979..... 619
70026980..... 619
70026981..... 617, 619
70026982..... 617, 619
70026983..... 617, 619
70026984..... 619
70026985..... 620, 1101
70026986..... 619, 1101
70026987..... 619
70026988..... 619
70026989..... 619
70026990..... 619
70026991..... 617, 620
70027009..... 183
70027022..... 473, 503
70027024..... 609
70027025..... 609
70027026..... 609
70027028..... 609
70027030..... 609
70027032..... 609
70027033..... 609
70027034..... 609
70027035..... 609
70027092..... 473, 503
70027094..... 329
70027105..... 467, 497
70027134..... 759
70027244..... 731
70027275..... 751
70027276..... 751
70027281..... 283, 291
70027315..... 405, 419, 439, 453, 483, 513
70027317..... 409, 423, 443, 457, 473, 487, 503, 517
70027642..... 201
70027689..... 731
70027690..... 731
70027691..... 731
70027692..... 731
70027693..... 731
70027694..... 731
70027695..... 731
70027696..... 731
70027705..... 309
70027706..... 309
70027772..... 487
70027796..... 473, 503
70027852..... 717
70027853..... 717
70027854..... 717
70027855..... 717
70027856..... 717
70027857..... 717
7002821..... 1105
7002822..... 1106
7002823..... 1106
7002828..... 1106
70028388465, 469, 495, 499
70028389465, 469, 495, 499
70028390..... 467, 497
70028391..... 467
70028392..... 405, 419, 439, 453, 470, 483, 500, 513
70028402..... 729
70028403..... 729
70028404..... 729
70028407..... 729
70028408..... 729
70028450 .....283, 287
70028452 .....423, 457
70028471 .....403, 417, 437, 451, 481, 511
70028514 747
70028515 747
70028516 747
70028517 747
70028547 749
70028779 619
70028780 619
70028781 619
70028782 619
70028798409, 423, 443, 457
70028881 .....405, 419, 427, 439, 453, 483, 513
70028886 .....401, 415, 435, 449, 465, 479, 495, 509
70028890 .....405, 419, 439, 453, 469, 483, 499, 513
70028891 .....405, 419, 439, 453, 469, 483, 499, 513
70028892 499
70028922 .....470, 500
70028923 .....470, 500
70028924 .....469, 499
70028925 .....405, 419, 427, 439, 453, 483, 513
70028926 .....469, 499
70028938 .....401, 415, 435, 449, 465, 479, 495, 509
70028939 .....401, 415, 435, 449, 465, 479, 495, 509
70028940 .....403, 437, 525
70028941 .....405, 419, 427, 439, 453, 483, 513
70028942 .....405, 439
70028943 .....406, 420, 440, 454, 484, 514
70028944 .....406, 420, 440, 454, 484, 514
70028945 .....406, 440
70028946 .....409, 443
70028947 .....411, 425, 445, 459, 475, 489, 505, 519
70028948 .....411, 425, 445, 459, 475, 489, 505, 519
70028949 .....411, 425, 445, 459, 475, 489, 505, 519
70028950 .....411, 425, 445, 459, 475, 489, 505, 519
70028951 .....411, 425, 445, 459, 475, 489, 505, 519
70028952 .....411, 425, 445, 459, 475, 489, 505, 519
70028974 .....401, 415, 435, 449, 465, 479, 495, 509
70028975 .....419, 453, 469, 483, 499, 513
70028976419, 453, 483, 513
70028977420, 454, 484, 514
70028997 .....451, 511
70029454 .....469, 499
70029471 .....405, 419, 439, 453, 483, 513
70029472 .....406, 419, 440, 453, 483, 513
70029482..... 465, 495
70029483..... 467, 497
70029484..... 469, 499
70029486..... 469, 499
70029488..... 469, 500
70029489..... 469, 499
70029544..... 469
70029545..... 470, 500
70029546..... 483, 513
70029547..... 484, 513
70029558..... 763
70029584..... 763
70029704..... 269
70029705..... 269
70029706..... 269
70029707..... 269
70029708..... 269
70029709..... 269
70029710..... 269
70029711..... 269
70029712..... 269
70029713..... 269
70029714..... 269
70029715..... 269
70029716..... 269
70029717..... 275
70029718..... 275
70029719..... 275
70029720..... 265
70029721..... 265
70029722..... 265
70029723..... 265
70029724..... 265
70029725..... 265, 271
70029726..... 265
70029727..... 267
70029728..... 265
70029729..... 265
70029730..... 267
70029731..... 267
70029732..... 265, 269
70029733..... 269
70029734..... 265, 269, 271
70029735..... 265, 271
70029736..... 265
70029737..... 269
70029738..... 265, 271
70029739265, 271, 273, 275
70029740..... 271
70029741..... 265, 273, 275
70029742..... 265, 271
70029743..... 265, 271, 275
70029744..... 273
70029745..... 265
70029746..... 273, 275
70029747..... 265, 271
70029748..... 273
70029749..... 273, 275
70029750..... 271
70029751..... 265
70029752..... 265
70029753..... 269
70029754..... 269
70029755..... 265
70029756..... 265, 271
70029757..... 265
70029758..... 269

70029759 269
70029760 265
70029761 275
70029762 ..... 265, 271
70029763 273
70029764 265
70029765 265
70029766 265
70029767 265
70029768 265
70029769 275
70029770 273
70029771 275
70029772 275
70029773 265
70029774 265
70029775 265
70029776 265
70029777 ..... 265, 271
70029778 265
70029779 265
70029780 ..... 265, 271
70029781 ..... 265, 271
70029782 267
70029783 267
70029784 265
70029785 271
70029786 265
70029787 273
70029788 265
70029789 ..... 273, 275
70029790 265
70029791 269
70029792 271
70029793 265
70029794 ..... 265, 271
70029795 269
70029796 269
70029798 761
70029822 ..... 617, 619
70029823 ..... 617, 619
70029824 ..... 617, 619
70029825 617
70029826 617
70029827 ..... 617, 619
70029828 ..... 617, 619
70029829 ..... 617, 619
70029830 617
70029831 617
70029832 ..... 617, 619
70029833 ..... 617, 619
70029834 ..... 617, 620
70029835 ..... 617, 620
70029836 ..... 617, 620
70029837 ..... 617, 620
70029838 ..... 617, 620
70029839 ..... 617, 620
70029840 ..... 617, 620
70029841 ..... 617, 620
70029842 ..... 617, 620
70029843 ..... 617, 620
70029844 617
70029874 759
70029981 619
70029984 620
70030001 759
70030002 759
70030003 759
70030004 759
70030005 759
70030006 759
70030007 759
70030008 759
70030009 759
70030010 759
70030011 759
70030012 759
70030013 759
70030014 759
70030015 759
70030016 759
70030017 759
70030018 759
70030019 759
70030020 759
70030021 759
70030022 759
70030023 759
70030036 691
70030037 691
70030038 759
70030039 759
70030040 759
70030041 759
70030141 201
70030142 201
70030143 201
70030144 201
70030145 201
70030281 619
70030317 287
70030347 287
70031092 729
70031148 283
70031350 287
70031351 287
70031352 287
70031380 287
70031394 619
70031395 619
70031396 619
70031397 619
70031398 619
70031402 619
70031403 619
70031404 619
70031405 619
70031406 619
70031413 620
70031414 620
70031420 620
70031421 620
70031422 620
70031442 254
70031443 203
70031444 201
70031445 ..... 183, 185
70031446 197
70031448 254
70031458 ..... 406, 440, 484
70031459 ..... 406, 440, 484
70041616 ..... 283, 287, 291
70041617 ..... 283, 287, 291
70041619 ..... 283, 287, 291
70041620 ..... 283, 287, 291
7004275 1106
7004276 1106
7010746 761
7010769 763
7012903 743
7016654 1106
7017496 743
7024441 ..... 93, 97
7024574 713
7026404 ..... 848, 854
7026579 723
7026758 361, 363, 365, 367, 369, 371
7026759 361, 363, 365, 367, 369, 371
7026760 361, 363, 365, 367, 369, 371
7026798 609
7026911 ..... 391, 393, 395
7027273 373
7028043 417
7028706 401, 405, 415, 419, 435, 439, 449, 453, 479, 483, 509, 513
7028714 405, 419, 439, 453, 469, 483, 499, 513
7028716 405, 419, 439, 453, 469, 483, 499, 513
7028721 405, 419, 439, 453, 483, 513
7028722 405, 419, 439, 453, 483, 513
7028731 406, 419, 427, 440, 453, 483, 513
7028732 406, 419, 427, 440, 453, 483, 513
7028733 ..... 406, 440, 529
7028734 ..... 409, 443
7028735 ..... 409, 443
7028736 ..... 409, 443
7029037 ..... 375, 377
7029039 377
7029127 411, 425, 445, 459, 475, 489, 505, 519
7029129 525
7029131 403, 417, 437, 451, 481, 511, 525, 527
7029153 743
7029246 ..... 743, 1100
7029288 ..... 465, 495
7029309 ..... 469, 499
7029311 405, 419, 439, 453, 469, 483, 499, 513
7029412 619
7029413 619
7029415 619
7029417 383
7029520 247
7029521 247
7029532 ..... 363, 365, 373
7029533 ..... 363, 365, 373
7029692 ..... 185, 197
7029711 201
7029714 197
7029734 ..... 473, 503
7029735 ..... 473, 503
7029785 ..... 423, 457
7029786 ..... 487, 517
7029787 ..... 409, 443, 473, 503
7029860 605
7054351 351
7057141 ..... 323, 325
7062922 213
7079572 ..... 134, 138, 143
7082311 ..... 134, 138, 143
7082342 ..... 134, 138, 143
7082362 ..... 134, 138, 143
7083992 ..... 134, 138, 143
7085571 151
7090871 129
7090891 129
7091373 129
7095312 ..... 135, 139, 143
7095352 ..... 134, 138, 143
7095522 ..... 134, 138, 143
7096552 ..... 134, 138, 143
7096562 ..... 134, 138, 143
7096702 ..... 134, 138, 143
7096772 ..... 134, 138, 143
7096882 ..... 134, 138, 143
7110172 145
7110702 213
7110712 213
7110722 213
7111402 ..... 145, 167
7111572 ..... 134, 138, 143
7112452 ..... 143, 165
7112642 257
7112732 144
7113952 163
7113982 163
7114032 155
7114112 153
7114922 144
7114941 ..... 259, 261
7116572 889
7116642 147
7116652 147
7116662 147
7116691 147
7116733 ..... 134, 138, 143, 147
7116792 ..... 134, 138, 143
7116812 147
7117031 ..... 134, 138, 145
7117502 ..... 145, 155
7117582 143
7118882 149
7118892 ..... 134, 138, 143, 149
7124301 ..... 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89
7124451 ..... 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89
7124471 ..... 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89, 877, 879
7124491 129
7125801 129
7125811 ..... 135, 139, 144
7125871 ..... 281, 285, 289
7126662 ..... 135, 139, 145, 153

SECTION 13 - SPECIAL OPTIONS

7127852 145
7127862 145
7131633 1104
7131643 1104
7137142 ..21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89
7138468 145
7138634 351
7138638 ..... 385, 391
7138639 .....385, 387, 395
7138833 568, 572, 578, 582, 590, 594
7138836 568, 572, 578, 582, 590, 594
7138878 568, 572, 578, 582, 590, 594
7138882 565
7138944 568, 572, 578, 582, 590, 594
7138958 ..... 587, 599
7138977 .....134, 138, 143
7138978 157
7138979 .134, 138, 143, 157
7138986 .134, 138, 143, 157
7139032 ..... 159, 161
7139047 111, 113, 115, 117, 119
7139066 ..21, 25, 29, 33, 37, 41
7139077 .....93, 97, 1100
7139180 .....134, 138, 143
7139407 101, 103, 105, 107, 109, 111, 113, 115, 117, 119
7139416 ..... 159, 161
7139504 .663, 665, 667, 669
7139505 .663, 665, 667, 669
7139690 .135, 139, 143, 159
7139692 .135, 139, 145, 161
7139693 ..... 144, 163
7139918 203
7150680 883
7150681 881
7150685 885
7150690 ..... 881, 883
7150699 ..... 879, 885
7150702 885
7150703 887
7150716 ..... 879, 887
7150717 887
7300435 .....281, 285, 289
7300672 .....134, 138, 143
7300673 .....134, 138, 143
7300674 ..... 143, 167
7300675 ..... 143, 167
7300678 .....135, 139, 167
7301265 ..... 590, 594
7301295 203
7301408 233
7301721 ..... 667, 669
7302010 .....134, 139, 143
77133133..... 623, 625
77133134..... 623, 625
77143006..... 815
8007749 403
8007751 .....403, 437, 525
8007755 ..... 403, 437, 525
80204002 ..... 465, 495
80204005 ..... 405, 419, 439, 453, 469, 483, 499, 513
80204012465, 470, 495, 500
80204033 ..... 467, 497
80204035 ..... 467, 497
80204043 ..... 467, 497
80204048 ..... 467, 497
80204060409, 443, 473, 503
80204065 ..... 405, 419, 439, 453, 469, 483, 499, 513, 529
80204071 ..... 405, 419, 439, 453, 469, 483, 499, 513
80204076 ..... 469, 499
80204108409, 443, 473, 503
80204117 ..... 405, 409, 419, 423, 439, 443, 453, 457, 473, 483, 487, 503, 513, 517
80204144 ..... 411, 425, 445, 459, 475, 489, 505, 519
80204281 ..... 409, 423, 443, 457, 473, 487
8024032 1104
8024033 1104
8024053 1104
80241137 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89
80264138 745
80304405 357
8032694 763
8032695 763
8032790 761
8032994 743
8033786 713
8034695 ..... 715, 719
8034697 759
8034815 605
8035109 . 389, 391, 393, 395
8035281 743
8035282 743
8035315 723
8035321 729
8035327 739
8035347 759
8035382 759
8035393 605
8035409 605
8035411 605
8035493 607
8035498 607
8035499 607
8035500 607
8035523 603
8035536 ..... 713, 723, 725
8035539 723
8035547 ..... 715, 719
8035611 ..... 715, 719
8035612 ..... 715, 719
8035613 ..... 715, 719
8035615 723
8035616 723
8035781 743
8035800 723
8035807 568, 572, 578, 582, 1100
8035862 713
8035863 713
8036001 719
8036021 355
8036022 355
8036023 357
8036024 359
8036025 359
8036026 359
8036027 359
8036028 359
8036029 363, 365, 367, 369, 371
8036030 373
8036031 373
8036032 373
8036033 375
8036036 377
8036038 377
8036039 377
8036040 377
8036041 383
8036042 383
8036050 .....587, 599, 603
8036056 .....587, 599, 605
8036099 605
8036100 605
8036190 .....363, 365, 373
8036192 743
8036196 603
8036197 603
8036198 603
8036199 603
8036209 885
8036210 887
8036212 .....885, 887
8036213 .....885, 887
8036214 .....885, 887
8036215 .....885, 887
8036216 .....885, 887
8036250 383
80363179 863
80364095 745
8036580 743
8036581 743
8036582 743
8036726 .....617, 619
8036732 739
8036733 727
8036747 743
8036750 .....729, 739
8036784 739
8036811 .....739, 743
8036825 .....739, 743
8036826 743
8036827 743
8036828 743
8036837 739
8036838 739
8036839 739
8037109 759
80373094 299
80384207 605
80384213 605
80384218 .....587, 599
80384445 603
8050001.. 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89, 397, 431, 461, 491
80604016 863
80604017 ..... 901, 915
80604018 ..... 846, 847, 852, 853, 854, 859, 860, 901
80604021 ..... 848, 852, 861
80604024 ..... 852, 859
80623016 661
8065062 213
8065063 129
8065640.. 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89, 134, 138, 143
8065641.. 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89
80963061 825
80963062 ..... 846, 852, 859
80963067 ..... 825, 846, 852, 854, 859
8124138 ..... 159, 161
8127009 163
8127022 159
8127024 161
82033997 ..... 587, 599
8205655 713
8220007 915
8220035 ..... 803, 915
8220051 ..... 825, 889, 915
8220058 ..... 848, 855, 860
8220081 846, 848, 853, 855, 859, 860, 893
8220089 ..... 825, 854, 891
8220097. 825, 846, 852, 859
8220098. 825, 846, 852, 859
8220108 803
8220124 846, 848, 852, 855, 859, 860, 861, 863
8220125 ..... 825, 854
8220160 ..... 848, 854
8220162 825
8220164 ..... 847, 854, 860
8220366 ..... 853, 1101
8220375 853
8220536 846, 847, 852, 853, 859, 860
8220889 ..... 847, 853
8220890 909
8220895 863
8220904 824, 873, 893, 899, 901, 915
8220927. 825, 846, 852, 859
8220929. 825, 846, 852, 859
8223025 ..... 879, 1100
8223037 568, 572, 578, 582, 590, 594, 1100
8223038 864, 867, 869, 871, 1100
8223043 578, 582, 590, 594, 1101
8223044 578, 582, 590, 594, 1101

8223054 568, 572, 578, 582, 590, 594, 1100
8223059 ..... 877, 879, 1101
8223060 ..... 879, 1100
8223073 ..... 879, 1101
8223232 351
8223536 125
8229233 ..... 826, 1100
8229234 ..... 803, 826, 1100
8229235 ..... 805, 826, 1100
8229237 ..... 826, 1100
8229238 ..... 826, 1100
8229242 ..... 848, 856, 1100
8229243 ..... 899, 1101
8229244 ..... 854, 1101
8229245 891
8229261 ..... 803, 826, 1100
8270620 768, 772, 776, 780, 784, 788, 792, 796, 800
8270621 807
8278020 ..... 323, 325
8302470 101, 103, 105, 107, 109, 111, 113, 115, 117, 119
8303034 575, 585, 587, 597, 599, 601, 675
8303041 ..... 134, 138, 144
8303119 601
8303519 703
8303540 144
8303545 768, 772, 776, 780, 784, 788, 792, 796, 800, 903
8303615 101, 103, 105, 107, 109, 111, 113, 115, 117, 119
8303620 134, 138, 144, 547, 551, 555, 559, 568, 572, 578, 582, 590, 594, 683
8303621 ..... 134, 138, 144
8303622 ..... 144, 167
8303624 ..... 134, 138, 144
8303626 257, 259, 261, 568, 572, 578, 582, 590, 594, 695, 697
8303628 129
8303629 129
8303634 134, 138, 144, 203, 213
8303640 151
8303655 ..... 134, 138, 144
8303658 203
8303666 ..... 134, 138, 144
8303670 568, 572, 578, 582, 590, 594
8303675 ..... 134, 138, 703
8303679 ..... 134, 138, 144
8303681 ..... 134, 138, 144
8303697 .... 93, 97, 134, 138, 144, 568, 572, 578, 582, 590, 594
8303715 . 134, 138, 144, 213
8303724 351
8303729 101, 103, 105, 107, 109, 111, 113, 115, 117, 119
8303738 145
8303745 ..... 881, 883
8303752 ..21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89
8303757 ..... 683, 685, 687
8303766 683
8303771 ..... 877, 879
8303772 ..... 134, 138, 144
8303782 ..21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89
8303784 337
8303982 568, 572, 578, 582, 590, 594
8304608 655
8305002 768, 772, 776, 780, 784, 788, 792, 796, 800
8305004 101, 103, 105, 107, 109, 111, 113, 115, 117, 119, 691, 811, 907
8305006 ..21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89, 663, 665, 667, 669
8305008 ..... 323, 325, 683
8305012 257
8305014 ..21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89
8305043 ..... 297, 645
8305603 601
8305619 151
8305624 144, 203, 587, 599, 768, 772, 776, 780, 784, 788, 792, 796, 800, 807
8305626 ..21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89, 134, 138, 145, 568, 572, 578, 582, 590, 594, 877, 879, 881, 883
8305638 601
8305643 134, 138, 144, 203, 213
8305644 ..21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89, 129, 134, 138, 144, 147, 259, 261, 568, 572, 578, 582, 590, 594
8305645 101, 103, 105, 107, 109, 111, 113, 115, 117, 119, 135, 138, 144, 147, 547, 551, 555, 559, 877, 879, 920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036, 1040, 1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
8305646 ..... 135, 139, 144
8305906 ..... 135, 139, 143
8305916 568, 572, 578, 582, 590, 594
8307002 101, 103, 105, 107, 109, 111, 113, 115, 117, 119, 907
8307003 768, 772, 776, 780, 784, 788, 792, 796, 800
8307004 135, 139, 144, 311, 653, 663, 665, 667, 669, 683, 685, 687, 689, 693
8307005 135, 139, 144, 703, 907
8307006 ..... 385, 387
8307007 135, 139, 144, 257, 259, 261, 695, 697
8307009 .. 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89
8307010 .. 21, 25, 29, 33, 37, 41
8307011 565
8307023 568, 572, 578, 582, 590, 594
8307024 920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036, 1040, 1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
8307027 768, 772, 776, 780, 784, 788, 792, 796, 800
8307049 351
8307104 . 135, 139, 144, 151
8307106 135, 139, 145, 297, 568, 572, 578, 582, 590, 594, 768, 772, 776, 780, 784, 788, 792, 796, 800
8307109 568, 572, 578, 582, 590, 594
8307110 547, 551, 555, 559, 568, 572, 578, 582, 590, 594, 683
8307111 768, 772, 776, 780, 784, 788, 792, 796, 800
8307112 259, 261, 568, 572, 578, 582, 587, 590, 594, 599
8307202 101, 103, 105, 107, 109, 111, 113, 115, 117, 119
8307203 .. 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89, 167, 663, 665, 667, 669
8307204 101, 103, 105, 107, 109, 111, 113, 115, 117, 119, 135, 139, 144, 147, 877, 879
8307206 147
8307219 903
8307222 ..... 297, 645
8307904 . 135, 139, 145, 213
8307910 ..... 135, 139, 144
8307911 ..... 135, 139, 144
8307912 127
8307913 127
8307918 . 135, 139, 144, 213
8310009 311, 653, 663, 665, 667, 669, 689, 693
8310019 ..... 135, 139, 144
8310020 ..... 135, 139, 144
8310026 143, 568, 572, 578, 582, 590, 594
8310039 ..21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89
8310046 768, 772, 776, 780, 784, 788, 792, 796, 800
8310066 144
8310067 351
8310081 ..... 144, 167
8310085 ..... 575, 585, 597
8310093 ..... 135, 139, 144
8310109 ..... 587, 599
8310113 145
8310116 127, 397, 431, 461, 491
8310151 129
8310160 213
8310161 213
8310205 144
8310209 147
8310210 144
8310215 351
8310235 147
8310245 147
8310266 149
8310276 149
8310281 ..... 323, 325
8310302 203
8310356 703
8310382 568, 572, 578, 582, 590, 594
8310420 703
8310424 307
8310425 ..... 385, 387
8310431 ..... 135, 139, 145
8310435 203
8310478 697
8310493 565
8310497 ..... 135, 139, 143
8310522 ..21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89, 697, 703
8310576 691
83191010 ..... 521, 523
8405007 . 319, 321, 623, 625
8405104 ..... 319, 321
8405201 ..... 319, 321
8405212 . 319, 321, 339, 341
8405305 ..... 319, 321
8405307 297
8405404 293
8406010 811
8406105 351, 768, 772, 776, 780, 784, 788, 792, 796, 800
8406112 . 281, 285, 315, 317
8406303 289
8410007 293
8410021 297

SECTION 13 - SPECIAL OPTIONS

8420053 145, 167, 183, 201, 203, 207, 211, 213, 215
8420055 145, 167, 183, 201, 203, 207, 211, 213, 215
8430032 ..... 643, 701
8430046 701
8430048 ..... 623, 625
8466306 920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000, 1004, 1008, 1012, 1016, 1020, 1024, 1028, 1032, 1036, 1040, 1044, 1048, 1052, 1056, 1060, 1064, 1068, 1072
8500066 ..... 864, 869
8500203 879
8520001 ..21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89, 135, 139, 144
8520003 ..21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89, 135, 145, 661
8520013 ..... 129, 144
8522012 ..21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89, 135, 139, 143, 159, 161
8526007 135, 139, 143, 149, 337, 723, 725, 739
8526011 .719, 723, 725, 739
8526048 145
8526203 561
8526406 ..... 139, 143
8530030 703
8546407 ..... 695, 697
8580315 213
8580420 101, 103, 105, 107, 109, 111, 113, 115, 117, 119
8584001 165, 213, 623, 625, 768, 772, 776, 780, 784, 788, 792, 796, 800, 877, 879, 907
8584018 ..... 877, 879
8584021 165
85841150..... 683
8630003 203
8630019 703
8640123 703
8640208 ..... 695, 697
8642207 213
8642224 .....135, 139, 144
8642237 ..... 159, 161
86683122..... 343, 821
8750003 .....135, 139, 144
8750011 ..... 144, 167
8750012 313, 653, 655, 689, 693
8750017 143, 167, 311, 313, 683, 689
8750025..... 683, 685, 687
8750026..... 689
8750027. 653, 655, 689, 693
8750040..... 685, 687, 689
8760268..... 689, 701, 705
8760463. 663, 665, 667, 669
8760465. 135, 139, 144, 167
8760468..... 135, 139, 145
8760548..... 351
8760552..... 93, 97
8765204..... 673, 705, 911
8769122. 135, 139, 144, 167
8769123..... 135, 139, 144
8769127..... 311, 313
8769128 135, 139, 145, 311, 653, 689, 693
8769132..... 213
8769139..... 135, 139, 145
8769161..... 135, 139, 167
8770016..... 213
8770048..... 93, 97
8770064..... 657
8770189..... 129
8780036..... 531, 533
8780039..... 535
8786514 531, 533, 545, 547, 549, 551, 553, 555, 557, 559, 561
8820904..... 899
88211516..... 879
88261015..... 289
8841036 351, 353, 355, 357, 359, 361, 363, 365, 367, 369, 371, 373, 375, 377, 381, 383
88411148 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89
88501005..... 877
88671001..... 207, 211, 215
8880218-OM..... 385, 387
8880219-OM..... 385, 387
8881800..... 289
8903015..... 759
8990147 568, 572, 578, 582, 590, 594
90028631..... 297
90200003..... 203, 205, 207, 209, 211, 213, 215, 217
90206196..... 903, 905
90451058..... 203
90554016..... 179, 183, 185, 197, 201, 245
90554017..... 197, 201
90554018..... 197
90554020..... 183, 185, 201
90554033..... 179
90554034..... 179
90554042..... 183, 185
90554045..... 709, 733
90554054..... 183, 185
90554062..... 185, 197
90554065..... 197, 201
90554067..... 201
90554076 .....185, 197
90554080 247
91043125 251
91043126 250
91043147 .....623, 625
91053419 .....339, 341
91081640 815
91083129 297
91083385 .....535, 537
91163035 305
91293003 297
91304025 745
91364023 299
91403097 351
91403193397, 431, 461, 491
91403413 .....145, 167, 183, 201, 203, 207, 211, 213, 215, 251, 255
91403414 .....145, 167, 183, 201, 203, 207, 211, 213, 215, 250, 255
91403448 181
91404011 745
91404013 745
91404298 .....587, 599
91404299 .....587, 599
91404301 .....587, 599
91404326 745
91473086 643
91474023 763
91474507 .....401, 405, 415, 435, 439, 449, 479, 509
91474512 .....401, 415, 435, 449, 465, 479, 495, 509
91474529 .....403, 417, 437, 451, 481, 511
91474533 .....403, 417, 437, 451, 481, 511
91474539 .....403, 417, 437, 451, 481, 511
91474547 .....403, 417, 437, 451, 481, 511
91474549 .....403, 437, 525
91474550 .....403, 417, 437, 451, 481, 511, 525, 527
91474551 .....403, 417, 437, 451, 481, 511, 525, 527
91474553 .....403, 417, 437, 451, 481, 511, 525, 527
91474554 .....403, 437
91474559 .....409, 443
91474560 .....409, 443
91474561 .....409, 443
91474565 .....409, 443
91474568 .....487, 517
91474570 .....409, 443
91474576 .....405, 419, 439, 453, 483, 513
91474584 .....405, 419, 439, 453, 483, 513
91474591 .....403, 417, 437, 451, 479, 509
91474593 .....417, 451, 481, 511, 527
91474595..... 417, 451, 481, 511, 527
91503106..... 846
91513266..... 521, 523
91514081..... 405, 419, 439, 453, 469, 483, 499, 513
91514082..... 405, 419, 439, 453, 469, 483, 499, 513
91514083405, 439, 469, 499
91514084405, 439, 469, 499
91514089..... 465, 469, 473, 495, 499, 503
91514095..... 405, 419, 439, 453, 469, 483, 499, 513
91514101..... 465, 495
91514111..... 405, 419, 439, 453, 469, 483, 499, 513
91514117..... 405, 439, 529
91514118..... 521, 523
91514130..... 467, 497
91514131..... 467, 497
91514133..... 467, 497
91514134..... 403, 417, 437, 451, 467, 481, 497, 511
91514143..... 467, 497
91514146..... 405, 419, 439, 453, 469, 483, 499, 513
91514147..... 405, 419, 439, 453, 469, 483, 499, 513
91514148..... 405, 419, 439, 453, 469, 483, 499, 513
91514149..... 405, 419, 439, 453, 469, 483, 499, 513
91514151..... 473, 503
91514154..... 409, 423, 443, 457, 473, 487, 503, 517
91514159..... 409, 423, 443, 457, 473, 487, 503, 517
91514174..... 469, 499
91514175..... 405, 419, 429, 439, 453, 469, 483, 499, 513
91514177..... 469, 499
91514180..... 469, 499
91514181..... 405, 419, 439, 453, 469, 483, 499, 513
91514183..... 405, 419, 439, 453, 469, 483, 499, 513
91514188..... 401, 405, 415, 419, 435, 439, 449, 453, 469, 479, 483, 499, 509, 513
91514189..... 405, 419, 439, 453, 469, 483, 499, 513
91514225..... 745
91554005..... 641
91554009..... 641
91563250..... 535, 537
91565039..... 537
91565040..... 537



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