



Illustrated Parts Manual

Models 800AJ

PVC
2107

P/N
31219066

January 9, 2023 - Rev D

ANSI

CE



**UK
CA**

AS/NZS



An Oshkosh Corporation Company

REVISION LOG

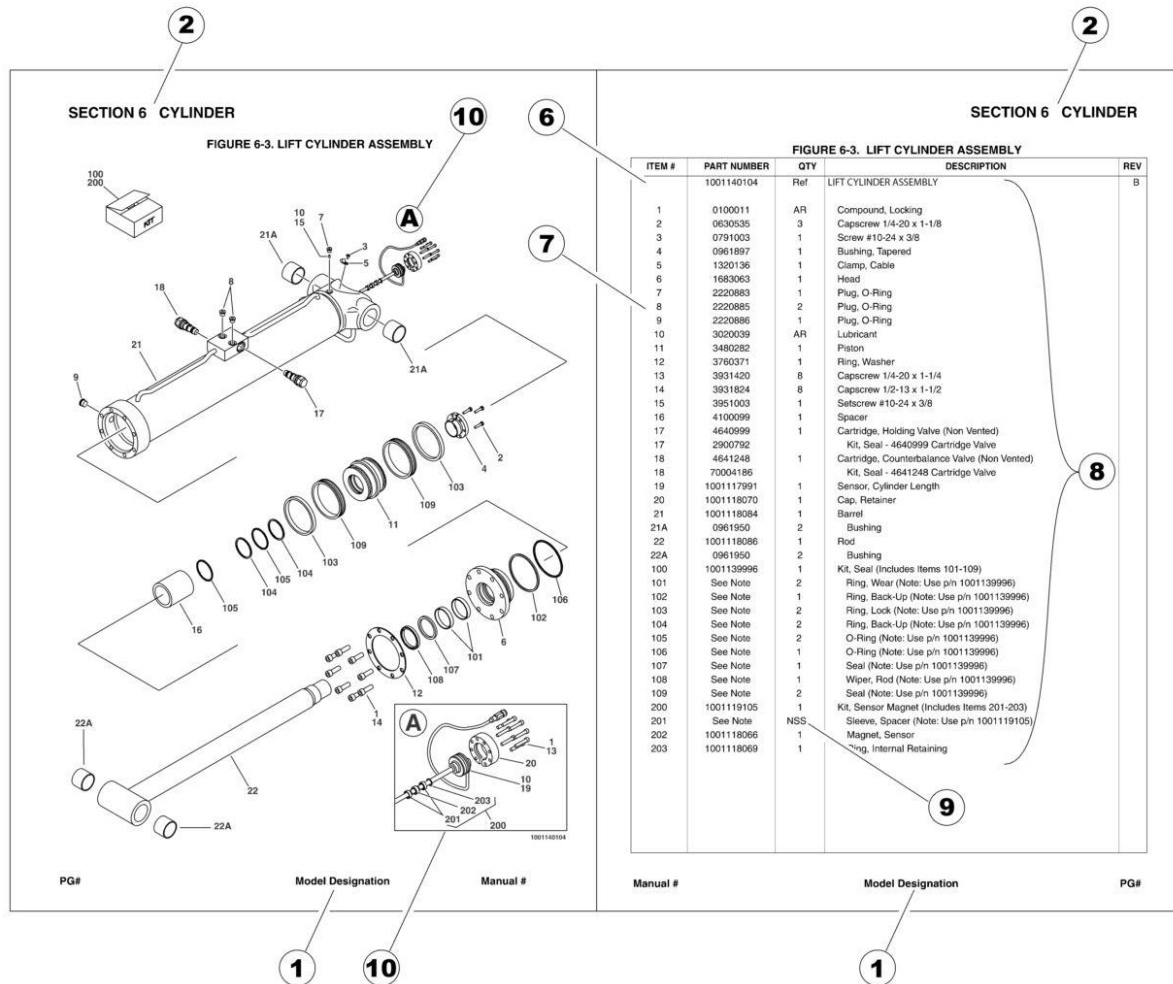
July 12, 2021 - A - Original Issue of Manual (Edited to B/M 1001245446 Revision P)

November 15, 2021 - B - Revised Manual (Edited to B/M 1001245446 Revision P)

March 30, 2022 - C - Revised Manual (Edited to B/M 1001245446 Revision P)

January 9, 2023 - D - Revised Manual (Edited to B/M 1001245446 Revision U)

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 Fluid
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)..... Millimeter
mA..... Milliamps
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 REFERENCE 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.....	15
FIGURE 1-1. AXLE INSTALLATION - FIXED.....	16
FIGURE 1-2. AXLE INSTALLATION - OSCILLATING.....	18
FIGURE 1-3. AXLE INSTALLATION - OSCILLATING WITH TOW PACKAGE.....	20
FIGURE 1-4. STEER INSTALLATION - 2WS.....	22
FIGURE 1-5. STEER INSTALLATION - 2WS WITH TOW PACKAGE.....	24
FIGURE 1-6. STEER INSTALLATION - 4WS.....	26
FIGURE 1-7. WHEEL DRIVE AND FRAME VALVES INSTALLATION - 2WD.....	28
FIGURE 1-8. WHEEL DRIVE AND FRAME VALVES INSTALLATION - 4WD/2WS.....	30
FIGURE 1-9. WHEEL DRIVE AND FRAME VALVES INSTALLATION - 4WD/4WS.....	32
FIGURE 1-10. HUB ASSEMBLY - 2WD FRONT.....	34
FIGURE 1-11. DRIVE HUB/BRAKE ASSEMBLY.....	36
FIGURE 1-12. DRIVE MOTOR ASSEMBLY - 2WD.....	38
FIGURE 1-13. DRIVE MOTOR ASSEMBLY - 4WD.....	40
FIGURE 1-14. TIRE AND WHEEL INSTALLATION 18-625 NHS FOAM-FILLED TIRE.....	42
FIGURE 1-15. TIRE AND WHEEL INSTALLATION 18-625 NHS FOAM-FILLED NON-MARKING TIRE.....	44
FIGURE 1-16. TIRE AND WHEEL INSTALLATION 18-625 NHS FOAM-FILLED SAND TIRE.....	46
FIGURE 1-17. LP TANK BRACKETS INSTALLATIONS.....	48
FIGURE 1-18. FRAME SHIELDS INSTALLATION - 2WS.....	50
FIGURE 1-19. FRAME SHIELDS INSTALLATION - 4WS.....	52
FIGURE 1-20. TOW PACKAGE INSTALLATION - 2WS (ENGLISH LANGUAGE DECALS).....	54
FIGURE 1-21. TOW PACKAGE INSTALLATION - 2WS (CE & UK CA SPECS).....	56
FIGURE 1-22. TOW BAR ASSEMBLY.....	58
SECTION 2 - TURNTABLE.....	61
FIGURE 2-1. CONTROL VALVES INSTALLATION - WITH 2WS.....	62
FIGURE 2-2. CONTROL VALVES INSTALLATION - WITH 4WS.....	64
FIGURE 2-3. CONTROL VALVE ASSEMBLY - 2WS MACHINES.....	66
FIGURE 2-4. CONTROL VALVE ASSEMBLY - 4WS MACHINES.....	70
FIGURE 2-5. SWING DRIVE INSTALLATION.....	74
FIGURE 2-6. SWING MOTOR/HUB ASSEMBLY.....	76
FIGURE 2-7. TURNTABLE BEARING INSTALLATION.....	80
FIGURE 2-8. TURNTABLE LOCK INSTALLATION.....	82
FIGURE 2-9. ROTARY COUPLING INSTALLATION - 2WS MACHINES.....	84
FIGURE 2-10. ROTARY COUPLING INSTALLATION - 4WS MACHINES.....	86
FIGURE 2-11. TANK INSTALLATION - DIESEL MACHINE (25 GAL HYDRAULIC TANK WITH 4 INCH BREATHER) (FUEL TANK WITH SIGHT GLASS).....	88
FIGURE 2-12. TANK INSTALLATION - DIESEL MACHINE (25 GAL HYDRAULIC TANK WITH 4 INCH BREATHER) (FUEL TANK WITHOUT SIGHT GLASS).....	90
FIGURE 2-13. TANK INSTALLATION - DIESEL MACHINE (25 GAL HYDRAULIC TANK WITH 6 INCH BREATHER) (FUEL TANK WITH SIGHT GLASS).....	92
FIGURE 2-14. TANK INSTALLATION - DIESEL MACHINE (25 GAL HYDRAULIC TANK WITH 6 INCH BREATHER) (FUEL TANK WITHOUT SIGHT GLASS).....	94
FIGURE 2-15. TANK INSTALLATION - DIESEL MACHINE (48 GAL HYDRAULIC TANK) (FUEL TANK WITH SIGHT GLASS).....	96
FIGURE 2-16. TANK INSTALLATION - DIESEL MACHINE (48 GAL HYDRAULIC TANK) (FUEL TANK WITHOUT SIGHT GLASS).....	98
FIGURE 2-17. TANK INSTALLATION - GAS MACHINE (25 GAL HYDRAULIC TANK WITH 4 INCH BREATHER).....	100
FIGURE 2-18. TANK INSTALLATION - GAS ENGINES (25 GAL HYDRAULIC TANK WITH 6 INCH BREATHER).....	102
FIGURE 2-19. TANK INSTALLATION - GAS MACHINE (48 GAL HYDRAULIC TANK).....	104
FIGURE 2-20. HYDRAULIC TANK ASSEMBLY (25 GAL HYDRAULIC TANK WITH 4 INCH BREATHER).....	106
FIGURE 2-21. HYDRAULIC TANK ASSEMBLY (25 GAL HYDRAULIC TANK WITH 6 INCH BREATHER).....	108
FIGURE 2-22. HYDRAULIC TANK ASSEMBLY (48 GAL HYDRAULIC TANK).....	110
FIGURE 2-23. AIR COMPRESSOR ASSEMBLY.....	112
FIGURE 2-24. ALARM INSTALLATION.....	116
FIGURE 2-25. AUXILIARY POWER INSTALLATION - WITH BATTERY DISCONNECT.....	118
FIGURE 2-26. AUXILIARY POWER INSTALLATION - WITHOUT BATTERY DISCONNECT.....	120
FIGURE 2-27. AUXILIARY POWER PUMP/MOTOR ASSEMBLY.....	122
FIGURE 2-28. EXHAUST COVER AND HEAT SHIELDS INSTALLATION - STEEL HOODS (DEUTZ D2011 ENGINES).....	124
FIGURE 2-29. EXHAUST COVER AND HEAT SHIELDS INSTALLATION - STEEL HOODS (DEUTZ TD2.9L4 ENGINES).....	126
FIGURE 2-30. EXHAUST COVER INSTALLATION - STEEL HOODS (FORD ENGINES).....	128
FIGURE 2-31. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 ENGINES - WITH MECHANICAL HOUR METER (ANSI EXPORT LRC AND AUSTRALIAN SPECS).....	130
FIGURE 2-32. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 ENGINES - WITH DIGITAL DISPLAY (ANSI EXPORT LRC AND AUSTRALIAN SPECS).....	134

TABLE OF CONTENTS

FIGURE 2-33. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 (CE & UK CA LRC SPECS).....	138
FIGURE 2-34. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 AND TOWER STOW - WITH MECHANICAL HOUR METER (ANSI EXPORT LRC AND AUSTRALIAN SPECS)	142
FIGURE 2-35. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 AND TOWER STOW - WITH DIGITAL DISPLAY (ANSI EXPORT LRC AND AUSTRALIAN SPECS).....	146
FIGURE 2-36. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 AND TOWER STOW (CE & UK CA LRC SPECS)	150
FIGURE 2-37. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 - WITH DIGITAL DISPLAY (ANSI SPECS) ...	154
FIGURE 2-38. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 - WITH MECHANICAL HOUR METER (ANSI SPECS).....	158
FIGURE 2-39. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 AND TOWER STOW - WITH DIGITAL DISPLAY (ANSI SPECS)	162
FIGURE 2-40. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 AND TOWER STOW - WITH MECHANICAL HOUR METER (ANSI SPECS)	166
FIGURE 2-41. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 (STAGE V) (CE & UK CA SPECS).....	170
FIGURE 2-42. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 (STAGE V) AND TOWER STOW (CE & UK CA SPECS).....	174
FIGURE 2-43. GROUND CONTROL BOX ASSEMBLY - WITH FORD ENGINES - WITH DIGITAL DISPLAY.....	178
FIGURE 2-44. GROUND CONTROL BOX ASSEMBLY - WITH FORD ENGINES - WITH MECHANICAL HOUR METER	182
FIGURE 2-45. GROUND CONTROL BOX ASSEMBLY - WITH FORD ENGINES AND TOWER STOW - WITH DIGITAL DISPLAY	186
FIGURE 2-46. GROUND CONTROL BOX ASSEMBLY - WITH FORD ENGINES AND TOWER STOW - WITH MECHANICAL HOUR METER	190
FIGURE 2-47. HOODS INSTALLATION - ABS (DEUTZ D2011 ENGINES).....	194
FIGURE 2-48. HOODS INSTALLATION - ABS (DEUTZ TD2.9L4 (STAGE V) ENGINES).....	198
FIGURE 2-49. HOODS INSTALLATION - ABS (DEUTZ TD2.9L4 ENGINES AND DEUTZ TD2.9L4 (STAGE V PRE-BUY ENGINES).....	202
FIGURE 2-50. HOODS INSTALLATION - STEEL (DEUTZ D2011 ENGINES).....	206
FIGURE 2-51. HOODS INSTALLATION - STEEL (DEUTZ D2011 ENGINES).....	208
FIGURE 2-52. HOODS INSTALLATION - STEEL (DEUTZ TD2.9L4 ENGINES)	212
FIGURE 2-53. HOODS INSTALLATION - STEEL (DEUTZ TD2.9L4 ENGINES)	216
FIGURE 2-54. HOODS INSTALLATION - STEEL (FORD ENGINES).....	218
FIGURE 2-55. HOODS INSTALLATION - STEEL (FORD ENGINES).....	220
FIGURE 2-56. LIGHT PANEL INSTALLATION.....	224
FIGURE 2-57. SKYAIR AIR COMPRESSOR INSTALLATION	226
FIGURE 2-58. SKYAIR AIR COMPRESSOR INSTALLATION	228
FIGURE 2-59. STROBE LIGHT INSTALLATION (AMBER).....	230
FIGURE 2-60. STROBE LIGHT INSTALLATION (BLUE)	232
FIGURE 2-61. STROBE LIGHT INSTALLATION (RED).....	234
FIGURE 2-62. WHITE NOISE ALARM INSTALLATION - ADJUSTABLE AMBIENT	236
FIGURE 2-63. WHITE NOISE MOTION ALARM INSTALLATION - AMBIENT	238
 SECTION 3 - ENGINE.....	 241
FIGURE 3-1. DEUTZ D2011 ENGINE INSTALLATION (WITHOUT ARCTIC PACKAGE)	242
FIGURE 3-2. DEUTZ D2011 ENGINE INSTALLATION (WITH ARCTIC PACKAGE)	244
FIGURE 3-3. DEUTZ D2011 ENGINE AND PUMP SUB-ASSEMBLY (WITHOUT ARCTIC PACKAGE)	248
FIGURE 3-4. DEUTZ D2011 ENGINE AND PUMP SUB-ASSEMBLY (WITH ARCTIC PACKAGE).....	250
FIGURE 3-5. DEUTZ D2011 ENGINE ASSEMBLY (WITHOUT ARCTIC PACKAGE).....	252
FIGURE 3-6. DEUTZ D2011 ENGINE ASSEMBLY (WITH ARCTIC PACKAGE)	256
FIGURE 3-7. DEUTZ D2011 ENGINE COMPONENTS.....	260
FIGURE 3-8. DEUTZ TD2.9L4 ENGINE INSTALLATION (WITHOUT ARCTIC PACKAGE)	264
FIGURE 3-9. DEUTZ TD2.9L4 ENGINE INSTALLATION (WITH ARCTIC PACKAGE)	268
FIGURE 3-10. DEUTZ TD2.9L4 ENGINE INSTALLATION (STAGE V)	272
FIGURE 3-11. DEUTZ TD2.9L4 ENGINE INSTALLATION (CHINA III)	276
FIGURE 3-12. DEUTZ TD2.9L4 ENGINE AND PUMP SUB-ASSEMBLY (WITHOUT ARCTIC PACKAGE)	280
FIGURE 3-13. DEUTZ TD2.9L4 ENGINE AND PUMP SUB-ASSEMBLY (WITH ARCTIC PACKAGE)	282
FIGURE 3-14. DEUTZ TD2.9L4 ENGINE AND PUMP SUB-ASSEMBLY (STAGE V).....	284
FIGURE 3-15. DEUTZ TD2.9L4 ENGINE AND PUMP SUB-ASSEMBLY (CHINA III).....	286
FIGURE 3-16. DEUTZ TD2.9L4 ENGINE ASSEMBLY (WITHOUT ARCTIC PACKAGE)	288
FIGURE 3-17. DEUTZ TD2.9L4 ENGINE ASSEMBLY (WITH ARCTIC PACKAGE).....	294
FIGURE 3-18. DEUTZ TD2.9L4 ENGINE ASSEMBLY (STAGE V)	300
FIGURE 3-19. DEUTZ TD2.9L4 ENGINE ASSEMBLY (CHINA III).....	306
FIGURE 3-20. DEUTZ TD2.9L4 ENGINE COMPONENTS.....	312
FIGURE 3-21. DEUTZ TD2.9L4 ENGINE COMPONENTS (STAGE V).....	316
FIGURE 3-22. DEUTZ TD2.9L4 ENGINE COMPONENTS (CHINA III)	320
FIGURE 3-23. FUEL PUMP/FILTER BRACKET ASSEMBLY (DEUTZ TD2.9L4 ENGINES).....	324

TABLE OF CONTENTS

FIGURE 3-24. FUEL PUMP/FILTER BRACKET ASSEMBLY (DEUTZ TD2.9L4 (STAGE V) ENGINES)	326
FIGURE 3-25. FUEL PUMP/FILTER BRACKET ASSEMBLY (DEUTZ TD2.9L4 ENGINES) (CHINA III)	328
FIGURE 3-26. BREATHER HEATER INSTALLATION (DEUTZ TD2.9L4 ENGINES)	330
FIGURE 3-27. PUMP COUPLING KIT (DEUTZ ENGINES)	332
FIGURE 3-28. FORD ENGINE INSTALLATION (WITHOUT ARCTIC PACKAGE)	334
FIGURE 3-29. FORD ENGINE INSTALLATION (WITH ARCTIC PACKAGE)	338
FIGURE 3-30. FORD ENGINE AND PUMP SUB-ASSEMBLY (WITHOUT ARCTIC PACKAGE)	342
FIGURE 3-31. FORD ENGINE AND PUMP SUB-ASSEMBLY (WITH ARCTIC PACKAGE)	344
FIGURE 3-32. FORD ENGINE ASSEMBLY (WITHOUT ARCTIC PACKAGE)	346
FIGURE 3-33. FORD ENGINE ASSEMBLY (WITH ARCTIC PACKAGE)	352
FIGURE 3-34. FORD ENGINE DRIVE BELT INSTALLATION (MACHINES WITHOUT GENERATOR)	358
FIGURE 3-35. FORD ENGINE COMPONENTS	360
FIGURE 3-36. FORD ENGINE PREP ASSEMBLY	364
FIGURE 3-37. FORD ENGINE BRACKETS AND EXHAUST MANIFOLD INSTALLATION	366
FIGURE 3-38. HYDROSTATIC PUMP ASSEMBLY	368
FIGURE 3-39. VARIABLE PUMP ASSEMBLY	370
FIGURE 3-40. EXHAUST PIPE INSTALLATION - DEUTZ TD2.9L4 ENGINES AND DEUTZ TD2.9L4 (STAGE V PRE-BUY) ENGINES	374
FIGURE 3-41. EXHAUST PIPE INSTALLATION - DEUTZ TD2.9L4 (STAGE V) ENGINES	376
FIGURE 3-42. EXHAUST PIPE INSTALLATION - FORD ENGINES	378
FIGURE 3-43. SPARK ARRESTOR MUFFLER INSTALLATION - DEUTZ D2011 ENGINES	380
FIGURE 3-44. SPARK ARRESTOR MUFFLER INSTALLATION - DEUTZ TD2.9L4 ENGINES	382
FIGURE 3-45. SPARK ARRESTOR MUFFLER INSTALLATION - FORD ENGINES	384
FIGURE 3-46. FUEL-WATER SEPARATOR INSTALLATION - DEUTZ D2011 ENGINES	386
FIGURE 3-47. FUEL-WATER SEPARATOR INSTALLATION - DEUTZ TD2.9L4 ENGINES	388
FIGURE 3-48. RIGHT ENGINE SUPPORT INSTALLATION (DEUTZ D2011 ENGINES MACHINES WITHOUT GENERATORS)	390
FIGURE 3-49. RIGHT ENGINE SUPPORT INSTALLATION (DEUTZ D2011 ENGINES MACHINES WITH GENERATORS)	392
FIGURE 3-50. ENGINE HOOD BAFFLE INSTALLATION - DEUTZ TD2.9L4 ENGINES, DEUTZ TD2.9L4 (STAGE V PRE-BUY) ENGINES AND DEUTZ TD2.9L4 (STAGE V) ENGINES WITH ABS HOODS	394
FIGURE 3-51. ENGINE HOOD BAFFLE INSTALLATION - DEUTZ TD2.9L4 ENGINES WITH STEEL HOODS	396
FIGURE 3-52. ENGINE TRAY JACK INSTALLATION - DEUTZ ENGINES	398
FIGURE 3-53. ENGINE TRAY JACK INSTALLATION - FORD ENGINES	400
FIGURE 3-54. 2500W/110V/60HZ GENERATOR INSTALLATION - DEUTZ D2011 ENGINES	402
FIGURE 3-55. 2500W/110V/60HZ GENERATOR INSTALLATION - DEUTZ TD2.9L4 ENGINES	404
FIGURE 3-56. 2500W/110V/60HZ GENERATOR INSTALLATION - FORD ENGINES	408
FIGURE 3-57. 2500W/220V/50HZ GENERATOR INSTALLATION - DEUTZ D2011 ENGINES	412
FIGURE 3-58. 4000W/50HZ GENERATOR INSTALLATION - DEUTZ D2011 ENGINES	414
FIGURE 3-59. 4000W/50HZ GENERATOR INSTALLATION - DEUTZ TD2.9L4 ENGINES, DEUTZ TD2.9L4 (STAGE V PRE-BUY) ENGINES AND DEUTZ TD2.9L4 (STAGE V) ENGINES	418
FIGURE 3-60. 4000W/60HZ GENERATOR INSTALLATION - DEUTZ D2011 ENGINES	422
FIGURE 3-61. 4000W/60HZ GENERATOR INSTALLATION - DEUTZ TD2.9L4 ENGINES	426
FIGURE 3-62. 7500W/50HZ SKYPOWER GENERATOR INSTALLATION - DEUTZ D2011 ENGINES	430
FIGURE 3-63. 7500W/50HZ SKYPOWER GENERATOR INSTALLATION - DEUTZ TD2.9L4 ENGINES, DEUTZ TD2.9L4 (STAGE V PRE-BUY) ENGINES AND DEUTZ TD2.9L4 (STAGE V) ENGINES	434
FIGURE 3-64. 7500W/60HZ SKYPOWER GENERATOR INSTALLATION - DEUTZ D2011 ENGINES	438
FIGURE 3-65. 7500W/60HZ SKYPOWER GENERATOR INSTALLATION - DEUTZ TD2.9L4 ENGINES	442
FIGURE 3-66. 7500W/60HZ SKYPOWER GENERATOR INSTALLATION - FORD ENGINES	446
SECTION 4 - BOOM	451
FIGURE 4-1. BOOM INSTALLATION - WITHOUT ARCTIC PACKAGE	452
FIGURE 4-2. BOOM INSTALLATION - WITH ARCTIC PACKAGE	454
FIGURE 4-3. BOOM ASSEMBLY - MAIN (WITHOUT ARCTIC PACKAGE)	456
FIGURE 4-4. BOOM ASSEMBLY - MAIN (WITH ARCTIC PACKAGE)	458
FIGURE 4-5. TOWER BOOM ASSEMBLY	460
FIGURE 4-6. JIB ASSEMBLY	462
FIGURE 4-7. ROTATOR ASSEMBLY	464
FIGURE 4-8. SUPPORT, PLATFORM INSTALLATION	466
FIGURE 4-9. POWER TRACK INSTALLATION - MAIN BOOM	468
FIGURE 4-10. POWER TRACK INSTALLATION - TOWER BOOM WITHOUT ARCTIC PACKAGE	470
FIGURE 4-11. POWER TRACK INSTALLATION - TOWER BOOM WITH ARCTIC PACKAGE	472
FIGURE 4-12. CONTROL VALVES INSTALLATION - WITH 2WS	474
FIGURE 4-13. CONTROL VALVES INSTALLATION - WITH 4WS	476
FIGURE 4-14. BOOM VALVE ASSEMBLY	478
FIGURE 4-15. CONTROL VALVE ASSEMBLY	480
FIGURE 4-16. BOOM VALVES AND PROXIMITY SWITCHES INSTALLATION	482

TABLE OF CONTENTS

FIGURE 4-17. BOOM VALVES AND PROXIMITY SWITCHES INSTALLATION WITH TOWER STOW	484
FIGURE 4-18. UPRIGHT TILT SENSOR INSTALLATION.....	486
FIGURE 4-19. TRANSPORT POSITION SWITCH INSTALLATION.....	488
SECTION 5 - PLATFORM	491
FIGURE 5-1. PLATFORM ASSEMBLY WITH DROP-BAR - 30IN X 3FT (76CM X 1M)	492
FIGURE 5-2. PLATFORM ASSEMBLY WITH GATE - 30IN X 4FT (76CM X 1.22M)	494
FIGURE 5-3. PLATFORM ASSEMBLY WITH DROP-BAR - 30IN X 4FT (76CM X 1.22M)	496
FIGURE 5-4. PLATFORM ASSEMBLY WITH GATE - 30IN X 6FT (76CM X 1.83M)	498
FIGURE 5-5. PLATFORM ASSEMBLY WITH GATE- 36IN X 6FT (91.5CM X 1.83M)	500
FIGURE 5-6. PLATFORM ASSEMBLY WITH DROP-BAR - 30IN X 6FT (76CM X 1.83M)	502
FIGURE 5-7. PLATFORM ASSEMBLY WITH DROP-BAR - 36IN X 6FT (91.5CM X 1.83M)	504
FIGURE 5-8. PLATFORM ASSEMBLY WITH 1 GATE / 2 DROP BARS (TRI-ENTRY) - 36IN X 6FT (91.5CM X 1.83M)	506
FIGURE 5-9. PLATFORM ASSEMBLY WITH 3 DROP BARS (TRI-ENTRY) - 36IN X 6FT (91.5CM X 1.83M).....	508
FIGURE 5-10. PLATFORM ASSEMBLY WITH FALL ARREST (6FT).....	510
FIGURE 5-11. PLATFORM ASSEMBLY WITH GATE - 36IN X 8FT (91.5CM X 2.44M)	512
FIGURE 5-12. PLATFORM ASSEMBLY WITH DROP-BAR - 36IN X 8FT (91.5CM X 2.44M)	514
FIGURE 5-13. PLATFORM ASSEMBLY WITH 1 GATE / 2 DROP BARS (TRI-ENTRY) - 36IN X 8FT (91.5CM X 2.44M)	516
FIGURE 5-14. PLATFORM ASSEMBLY WITH 3 DROP BARS (TRI-ENTRY) - 36IN X 8FT (91.5CM X 2.44M).....	518
FIGURE 5-15. PLATFORM ASSEMBLY WITH FALL ARREST (8FT)	520
FIGURE 5-16. LIGHT PANEL INSTALLATION.....	522
FIGURE 5-17. CONSOLE AND FOOT SWITCH INSTALLATION	524
FIGURE 5-18. CONSOLE AND FOOT SWITCH INSTALLATION WITH TOWER STOW	526
FIGURE 5-19. CONSOLE BOX ASSEMBLY WITH FOOTSWITCH	528
FIGURE 5-20. CONSOLE BOX ASSEMBLY WITH FOOTSWITCH WITH TOWER STOW	532
FIGURE 5-21. FOOTSWITCH ASSEMBLY	536
FIGURE 5-22. CONTROLLER ASSEMBLY- DRIVE/STEER.....	538
FIGURE 5-23. CONTROLLER ASSEMBLY - LIFT/SWING	540
FIGURE 5-24. JIB SWITCH INSTALLATION - 800AJ.....	544
FIGURE 5-25. STEER SWITCH INSTALLATION - 4WS	546
FIGURE 5-26. SKYEYE INSTALLATION.....	548
FIGURE 5-27. SKYGUARD BAR INSTALLATION.....	550
FIGURE 5-28. SKYLINE INSTALLATION	552
FIGURE 5-29. USB CHARGER INSTALLATION.....	554
FIGURE 5-30. STORAGE TRAY INSTALLATION - CENTER	556
FIGURE 5-31. SKYCUTTER INSTALLATION	558
FIGURE 5-32. SKYWELDER/SKYCUTTER COMBO INSTALLATION (60HZ)	560
FIGURE 5-33. PLASMA CUTTER ASSEMBLY	564
FIGURE 5-34. SKYWELDER INSTALLATION (50HZ).....	566
FIGURE 5-35. SKYWELDER INSTALLATION (60HZ).....	568
FIGURE 5-36. WELDER ASSEMBLY	570
FIGURE 5-37. SKYWELDER PREP PACKAGE (60HZ).....	572
FIGURE 5-38. SKYGLAZIER INSTALLATION (ENGLISH LANGUAGE DECALS)	574
FIGURE 5-39. SKYGLAZIER INSTALLATION (SPANISH LANGUAGE DECALS)	576
FIGURE 5-40. SKYGLAZIER INSTALLATION (PORTUGUESE LANGUAGE DECALS)	578
FIGURE 5-41. PIPE RACKS INSTALLATION (ANSI AND CSA SPECS).....	580
FIGURE 5-42. PIPE RACKS INSTALLATION (ANSI EXPORT SPECS)	582
FIGURE 5-43. PIPE RACKS INSTALLATION (AUSTRALIAN SPECS).....	584
FIGURE 5-44. SOFT TOUCH SYSTEM INSTALLATION - 6FT/1.83M PLATFORM	586
FIGURE 5-45. SOFT TOUCH SYSTEM INSTALLATION - 6FT/1.83M FALL ARREST PLATFORM	588
FIGURE 5-46. SOFT TOUCH SYSTEM INSTALLATION - 8FT/2.44M PLATFORM	590
FIGURE 5-47. SOFT TOUCH SYSTEM INSTALLATION - 8FT/2.44M FALL ARREST PLATFORM	592
FIGURE 5-48. FALL ARREST INSTALLATION (BOLT-ON) 30IN X 4FT (76CM X 1.22M) PLATFORM	594
FIGURE 5-49. FALL ARREST INSTALLATION (BOLT-ON) 36IN X 6FT (91.2CM X 1.82M) PLATFORM.....	596
FIGURE 5-50. FALL ARREST INSTALLATION (BOLT-ON) 30IN X 6FT (76CM X 1.83M) PLATFORM.....	598
FIGURE 5-51. FALL ARREST INSTALLATION (BOLT-ON) 36IN X 8FT (91.5CM X 2.4M) PLATFORM.....	600
FIGURE 5-52. FALL ARREST INSTALLATION (BOLT-ON) 36IN X 6FT (91.5CM X 1.82M) TRI-ENTRY PLATFORM).....	602
SECTION 6 - CYLINDER.....	605
FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSEMBLY	606
FIGURE 6-2. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE	608
FIGURE 6-3. LEVEL CYLINDER ASSEMBLY - UPRIGHT	610
FIGURE 6-4. LIFT CYLINDER ASSEMBLY - JIB	612
FIGURE 6-5. LIFT CYLINDER ASSEMBLY - MAIN BOOM.....	614
FIGURE 6-6. LIFT CYLINDER ASSEMBLY - TOWER BOOM	616

TABLE OF CONTENTS

FIGURE 6-7. MASTER CYLINDER ASSEMBLY	618
FIGURE 6-8. STEER CYLINDER ASSEMBLY	620
FIGURE 6-9. TELESCOPE CYLINDER ASSEMBLY - MAIN BOOM (WITH ARCTIC PACKAGE)	622
FIGURE 6-10. TELESCOPE CYLINDER ASSEMBLY - MAIN BOOM (WITHOUT ARCTIC PACKAGE)	624
FIGURE 6-11. TELESCOPE CYLINDER ASSEMBLY - TOWER BOOM	626
SECTION 7 - HYDRAULIC	629
FIGURE 7-1. HYDRAULIC DIAGRAM - AXLE (OSCILLATING)	630
FIGURE 7-2. HYDRAULIC DIAGRAM - DRIVE (2WD/2WS WITHOUT TOW PACKAGE)	632
FIGURE 7-3. HYDRAULIC DIAGRAM - DRIVE (2WD/2WS WITH TOW PACKAGE)	636
FIGURE 7-4. HYDRAULIC DIAGRAM - DRIVE (4WD/2WS WITHOUT TOW PACKAGE/WITHOUT ARCTIC PACKAGE)	642
FIGURE 7-5. HYDRAULIC DIAGRAM - DRIVE (4WD/2WS WITHOUT TOW PACKAGE/WITH ARCTIC PACKAGE)	648
FIGURE 7-6. HYDRAULIC DIAGRAM - DRIVE (4WD/2WS WITH TOW PACKAGE/WITHOUT ARCTIC PACKAGE)	654
FIGURE 7-7. HYDRAULIC DIAGRAM - DRIVE (4WD/2WS WITH TOW PACKAGE/WITH ARCTIC PACKAGE)	660
FIGURE 7-8. HYDRAULIC DIAGRAM - DRIVE (4WD/4WS WITHOUT TOW PACKAGE/WITHOUT ARCTIC PACKAGE)	666
FIGURE 7-9. HYDRAULIC DIAGRAM - DRIVE (4WD/4WS WITHOUT TOW PACKAGE/WITH ARCTIC PACKAGE)	672
FIGURE 7-10. HYDRAULIC DIAGRAM - STANDARD 800AJ	678
SECTION 8 - ELECTRICAL	683
FIGURE 8-1. 800AJ ELECTRICAL LAYOUT	684
FIGURE 8-2. AC BOX AT PLATFORM INSTALLATION - 110V GFI RECEPTACLE (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)	698
FIGURE 8-3. AC BOX AT PLATFORM INSTALLATION - 220V (ANSI, CSA & JAPANESE SPECS)	700
FIGURE 8-4. AC BOX AT PLATFORM MID-BOOM PLUG INSTALLATION (WITH 4000W/60HZ GENERATOR) (ANSI, ANSI EXPORT, CHINA, CSA & JAPANESE SPECS)	702
FIGURE 8-5. AC BOX AT PLATFORM MID-BOOM PLUG INSTALLATION (WITHOUT 7500W SKYPOWER GENERATOR) (ALL SPECS EXCEPT ANSI & CSA SPECS)	704
FIGURE 8-6. AC BOX AT PLATFORM MID-BOOM PLUG INSTALLATION (WITH 7500W SKYPOWER GENERATOR)	706
FIGURE 8-7. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE & UK CA SPECS) (MACHINES WITH 2500W GENERATOR OR NO GENERATOR OPTION)	708
FIGURE 8-8. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE & UK CA SPECS) (MACHINES WITH 4000W GENERATOR)	710
FIGURE 8-9. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE & UK CA SPECS) (MACHINES WITH 2500W GENERATOR OR NO GENERATOR OPTION)	712
FIGURE 8-10. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE & UK CA SPECS) (MACHINES WITH 4000W GENERATOR)	714
FIGURE 8-11. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND (CE & UK CA SPECS) (MACHINES WITH 2500W GENERATOR OR NO GENERATOR OPTION)	716
FIGURE 8-12. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND (CE & UK CA SPECS) (MACHINES WITH 4000W GENERATOR)	718
FIGURE 8-13. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND (CE & UK CA SPECS) (MACHINES WITH 2500W GENERATOR OR NO GENERATOR OPTION)	720
FIGURE 8-14. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND (CE & UK CA SPECS) (MACHINES WITH 4000W GENERATOR)	722
FIGURE 8-15. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 KEYED GROUND (CE & UK CA SPECS) (MACHINES WITH 2500W GENERATOR OR NO GENERATOR OPTION)	724
FIGURE 8-16. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 KEYED GROUND (CE & UK CA SPECS) (MACHINES WITH 4000W GENERATOR)	726
FIGURE 8-17. AC BOX AT PLATFORM INSTALLATION - 220V (2X4 BOX & COVER ONLY - LOCALLY SUPPLIED RECEPTACLE) (4000W GENERATOR)	728
FIGURE 8-18. AC BOX AT PLATFORM INSTALLATION - 240V GFCI RECEPTACLE (ANSI, ANSI EXPORT AND CSA SPECS WITH 4000W SKYPOWER GENERATOR)	730
FIGURE 8-19. AC BOX AT PLATFORM INSTALLATION - 240V GFCI RECEPTACLE (ANSI AND CSA SPECS WITH 7500W SKYPOWER GENERATOR)	732
FIGURE 8-20. BEACON CONTROL HARNESS (BLUE AND RED STROBE LIGHTS)	734
FIGURE 8-21. BATTERY DISCONNECT SWITCH INSTALLATION	736
FIGURE 8-22. BOOM CABLES INSTALLATION - WITH 2500W GENERATOR OR NO GENERATOR OPTION (ANSI & CSA SPECS)	738
FIGURE 8-23. BOOM CABLES INSTALLATION - WITH 2500W GENERATOR OR NO GENERATOR OPTION (CE & UK CA SPECS)	740
FIGURE 8-24. BOOM CABLES INSTALLATION - WITH 2500W GENERATOR OR NO GENERATOR OPTION (ANSI EXPORT, AUSTRALIAN, CHINA & JAPANESE SPECS)	742
FIGURE 8-25. BOOM CABLES INSTALLATION - WITH 2500W GENERATOR OR NO GENERATOR OPTION & ARCTIC PACKAGE (ANSI, ANSI EXPORT, CHINA & CSA SPECS)	744
FIGURE 8-26. BOOM CABLES INSTALLATION - WITH 4000W GENERATOR (ALL SPECS)	746

TABLE OF CONTENTS

FIGURE 8-27. BOOM CABLES INSTALLATION - WITH 7500W SKYPOWER GENERATOR (ALL SPECS EXCEPT CE & UK CA SPECS).....	748
FIGURE 8-28. BOOM CABLES INSTALLATION - WITH 7500W SKYPOWER GENERATOR (CE & UK CA SPECS)	750
FIGURE 8-29. BOOM CABLES INSTALLATION - WITH 7500W SKYPOWER GENERATOR & ARCTIC PACKAGE (ANIT, ANSI EXPORT, CHINA & CSA SPECS)	752
FIGURE 8-30. BOOM CABLES INSTALLATION - WITH 7500W SKYPOWER GENERATOR AND COMMUNICATION CABLES (ANSI SPECS)	754
FIGURE 8-31. BOOM CABLE - MAIN BOOM (WITH ARCTIC PACKAGE).....	756
FIGURE 8-32. BOOM CABLE - MAIN BOOM.....	758
FIGURE 8-33. BOOM CABLE - TOWER BOOM WITHOUT ARCTIC PACKAGE	760
FIGURE 8-34. BOOM CABLE - TOWER BOOM WITH ARCTIC PACKAGE.....	762
FIGURE 8-35. BOOM VALVE HARNESS.....	764
FIGURE 8-36. BREAKER BOX INSTALLATION (BRAZIL SPECS)	766
FIGURE 8-37. BREAKER BOX INSTALLATION (CE & UK CA SPECS WITHOUT 4000W GENERATOR)	768
FIGURE 8-38. BREAKER BOX KIT - ONE DOUBLE 16AMP BREAKER (BRAZIL SPECS, CE & UK CA SPECS WITHOUT 4000W GENERATOR)	770
FIGURE 8-39. BREAKER BOX KIT - ONE DOUBLE 16AMP BREAKER (CE & UK CA SPECS WITH 4000W GENERATOR) ..	772
FIGURE 8-40. CLEARSKY 3-WIRE CONNECTION INSTALLATION.....	774
FIGURE 8-41. CLEARSKY HARNESS	776
FIGURE 8-42. DEUTZ TD2.9L4 (CHINA IV) ECM JUMPER HARNESS	778
FIGURE 8-43. ENGINE HARNESS - DEUTZ D2011 ENGINES.....	780
FIGURE 8-44. ENGINE HARNESS - DEUTZ TD2.9L4 ENGINES.....	782
FIGURE 8-45. ENGINE HARNESS - DEUTZ TD2.9L4 ENGINES AND DEUTZ TD2.9L4 (STAGE V PRE-BUY) ENGINES.....	784
FIGURE 8-46. ENGINE HARNESS - DEUTZ TD2.9L4 (STAGE V) ENGINES	788
FIGURE 8-47. ENGINE HARNESS - FORD ENGINES	792
FIGURE 8-48. FUEL PUMP HARNESS - DEUTZ TD2.9L4 ENGINES	794
FIGURE 8-49. FUEL HARNESS - DEUTZ TD2.9L4 (STAGE V) ENGINE.....	796
FIGURE 8-50. GENERATOR HARNESS - 4000W GENERATOR	798
FIGURE 8-51. GENERATOR HARNESS - 7500W SKYPOWER GENERATOR.....	800
FIGURE 8-52. GENERATOR TO ENGINE HARNESS - 2500W (FORD ENGINES).....	802
FIGURE 8-53. GENERATOR TO ENGINE HARNESS - 4000W (DEUTZ D2011 ENGINES).....	804
FIGURE 8-54. GENERATOR TO ENGINE HARNESS - 4000W (DEUTZ TD2.9L4 ENGINES)	806
FIGURE 8-55. GENERATOR TO ENGINE HARNESS - 7500W SKYPOWER GENERATOR (DEUTZ D2011 ENGINES)	808
FIGURE 8-56. GENERATOR TO ENGINE HARNESS - 7500W SKYPOWER (FORD DF 2.5L ENGINES).....	810
FIGURE 8-57. GENERATOR HARNESS - 7500W SKYPOWER (DEUTZ TD2.9L4 T4F ENGINES)	812
FIGURE 8-58. GENERATOR TO REAR OF BOOM HARNESS - 110V	814
FIGURE 8-59. GENERATOR TO REAR OF BOOM HARNESS - 220V	816
FIGURE 8-60. GROUND CONTROL BOX HARNESS	818
FIGURE 8-61. PLATFORM CONSOLE BOX HARNESS.....	822
FIGURE 8-62. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE & UK CA SPECS).....	824
FIGURE 8-63. RECEPTACLE BOX KIT - 220V IEC BLUE (CE & UK CA SPECS)	826
FIGURE 8-64. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2X4 BOX (CE & UK CA SPECS).....	828
FIGURE 8-65. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND 2X4 BOX (CE & UK CA SPECS).....	830
FIGURE 8-66. RECEPTACLE BOX KIT - 220V AFSINT107 KEYED GROUND (CE & UK CA SPECS).....	832
FIGURE 8-67. RECEPTACLE/BREAKER BOX ASSEMBLY - 240V (7500W SKYPOWER GENERATORS) (ANSI, ANSI EXPORT AND CSA SPECS).....	834
FIGURE 8-68. SKYEYE EMITTER HARNESS	836
FIGURE 8-69. SKYEYE INTERMEDIATE HARNESS	838
FIGURE 8-70. SKYEYE RECEIVER HARNESS.....	840
FIGURE 8-71. SKYLINE HARNESS	842
FIGURE 8-72. SKYGUARD INTERFACE HARNESS.....	844
FIGURE 8-73. VALVE HARNESS.....	846
FIGURE 8-74. WHITE NOISE ALARM HARNESS	848
SECTION 9 - DECALS	851
FIGURE 9-1. DECAL INSTALLATION - ANSI SPECS.....	852
FIGURE 9-2. DECAL INSTALLATION - AUSTRALIAN SPECS	854
FIGURE 9-3. DECAL INSTALLATION - BRAZILIAN SPECS	856
FIGURE 9-4. DECAL INSTALLATION - CE & UK CA SPECS.....	858
FIGURE 9-5. DECAL INSTALLATION - CHINESE SPECS	860
FIGURE 9-6. DECAL INSTALLATION - CSA SPECS.....	862
FIGURE 9-7. DECAL INSTALLATION - JAPANESE SPECS	864
FIGURE 9-8. DECAL INSTALLATION - KOREAN SPECS.....	866
FIGURE 9-9. DECAL INSTALLATION - LATIN AMERICAN SPECS.....	868
FIGURE 9-10. DECAL INSTALLATION - OPTIONS.....	870
FIGURE 9-11. SKYCUTTER DECAL INSTALLATION.....	874

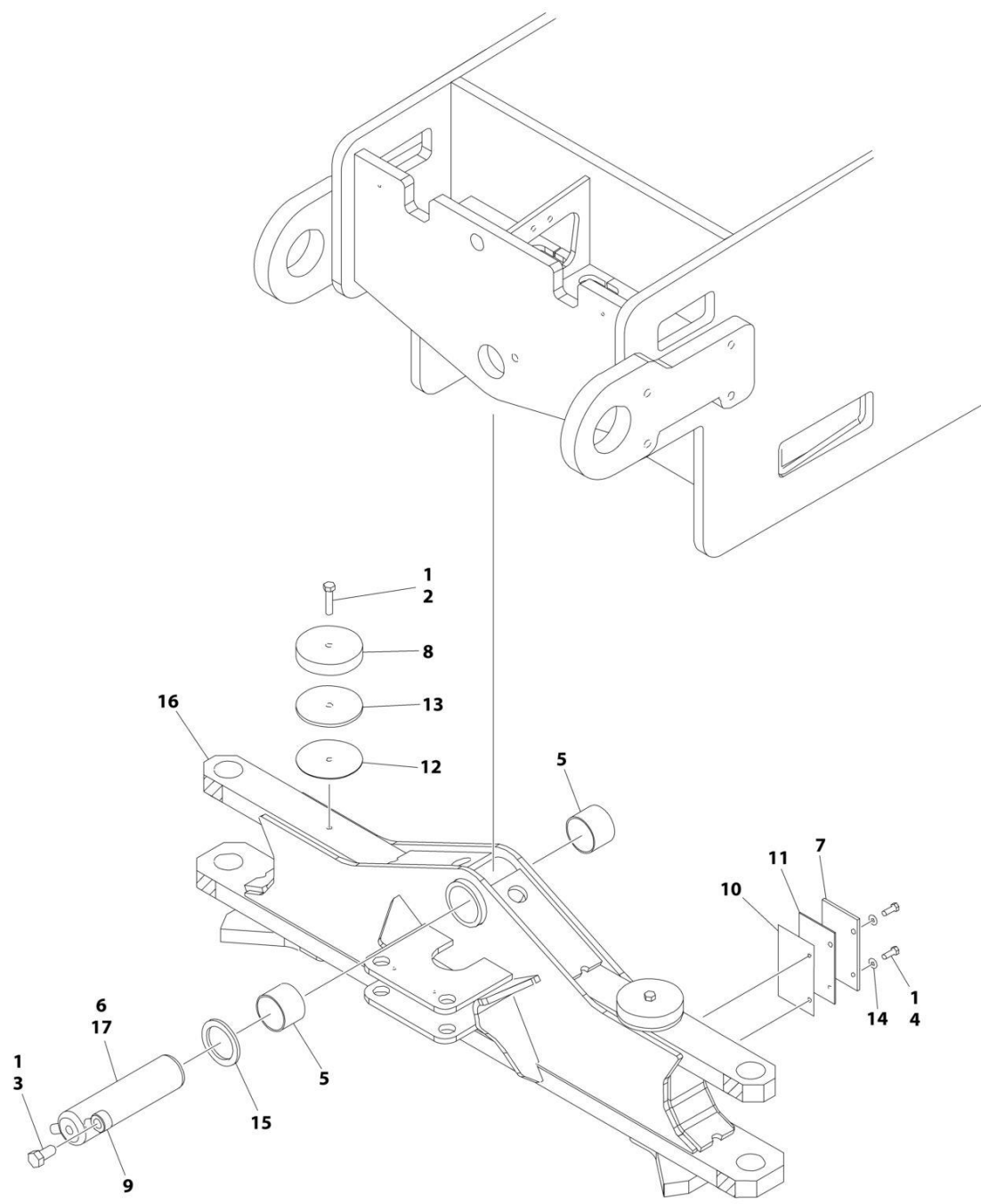
TABLE OF CONTENTS

FIGURE 9-12. SKYWELDER DECAL INSTALLATION - 50HZ	876
FIGURE 9-13. SKYWELDER DECAL INSTALLATION - 60HZ	878
SECTION 10 - RECOMMENDED SERVICE PARTS STOCK	881
FIGURE 10-1. RECOMMENDED SERVICE PARTS STOCK	882
SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS	885
FIGURE 11-1. SPECIAL OPTIONS/ACCESSORIES/KITS	886
PART NUMBER INDEX	891

SECTION 1 - FRAME

SECTION 1 - FRAME

FIGURE 1-1. AXLE INSTALLATION - FIXED



ART_1001151037

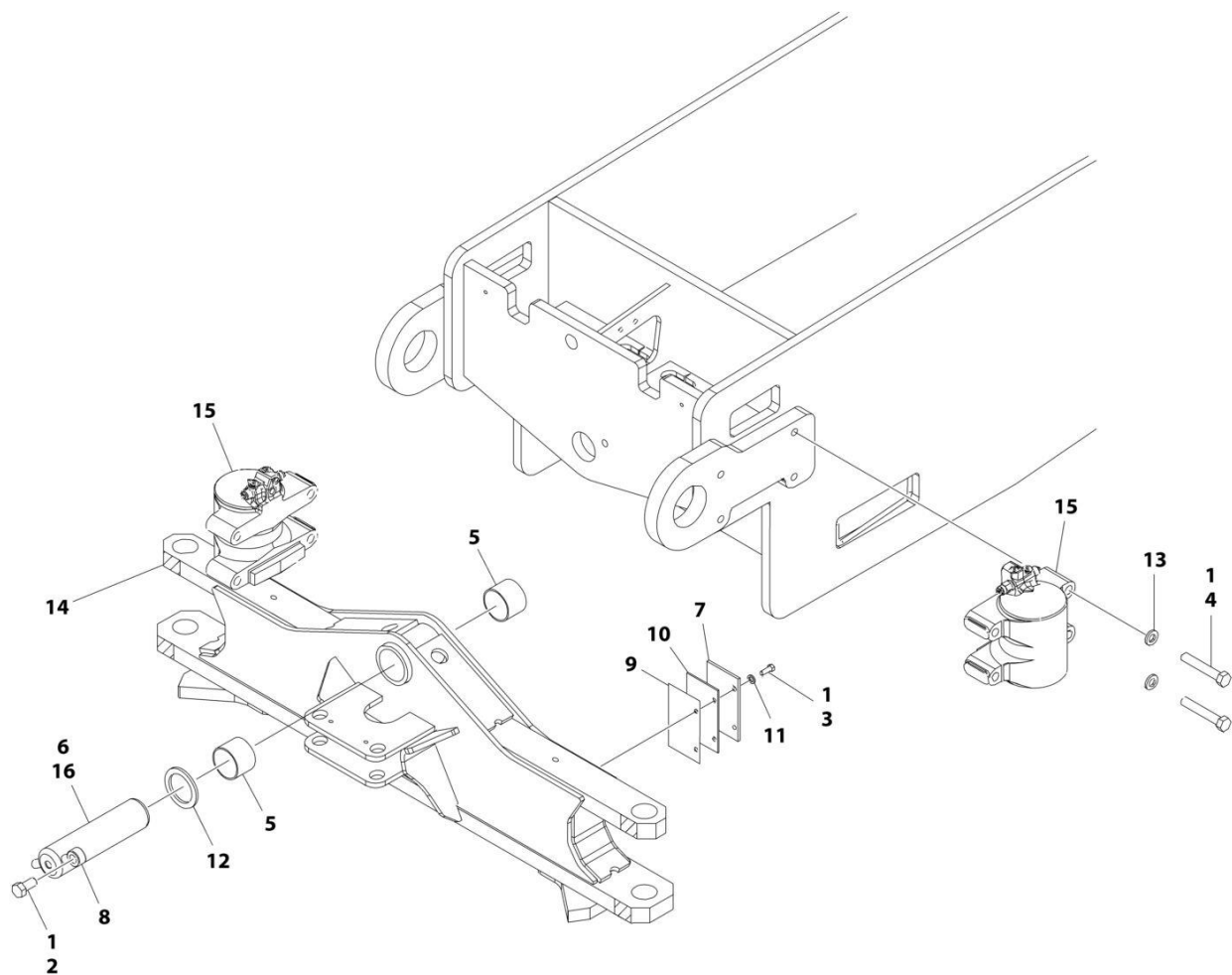
SECTION 1 - FRAME

FIGURE 1-1. AXLE INSTALLATION - FIXED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001151037	Ref	FIXED AXLE INSTALLATION	C
1	0100011	AR	Compound, Locking	
2	0641818	2	Bolt 1/2 x 2-1/4	
3	0642212	1	Bolt 3/4 x 1-1/2	
4	0681608	4	Bolt 3/8 x 1 Grade 8	
5	0962102	2	Bushing	
6	3020039	AR	Lubricant	
7	3538047	2	Shim, Wear	
8	3539877	2	Plate, Stop	
9	3841287	1	Keeper, Pin	
10	4070878	AR	Shim 1/16	
11	4070879	AR	Shim 1/8	
12	4070944	AR	Shim 1/16	
13	4070945	AR	Shim 1/4	
14	4711600	4	Washer 3/8	
15	4740472	1	Washer, Special	
16	1001152719	1	Axle	
17	1001156710	1	Pin	

SECTION 1 - FRAME

FIGURE 1-2. AXLE INSTALLATION - OSCILLATING



ART_1001154584

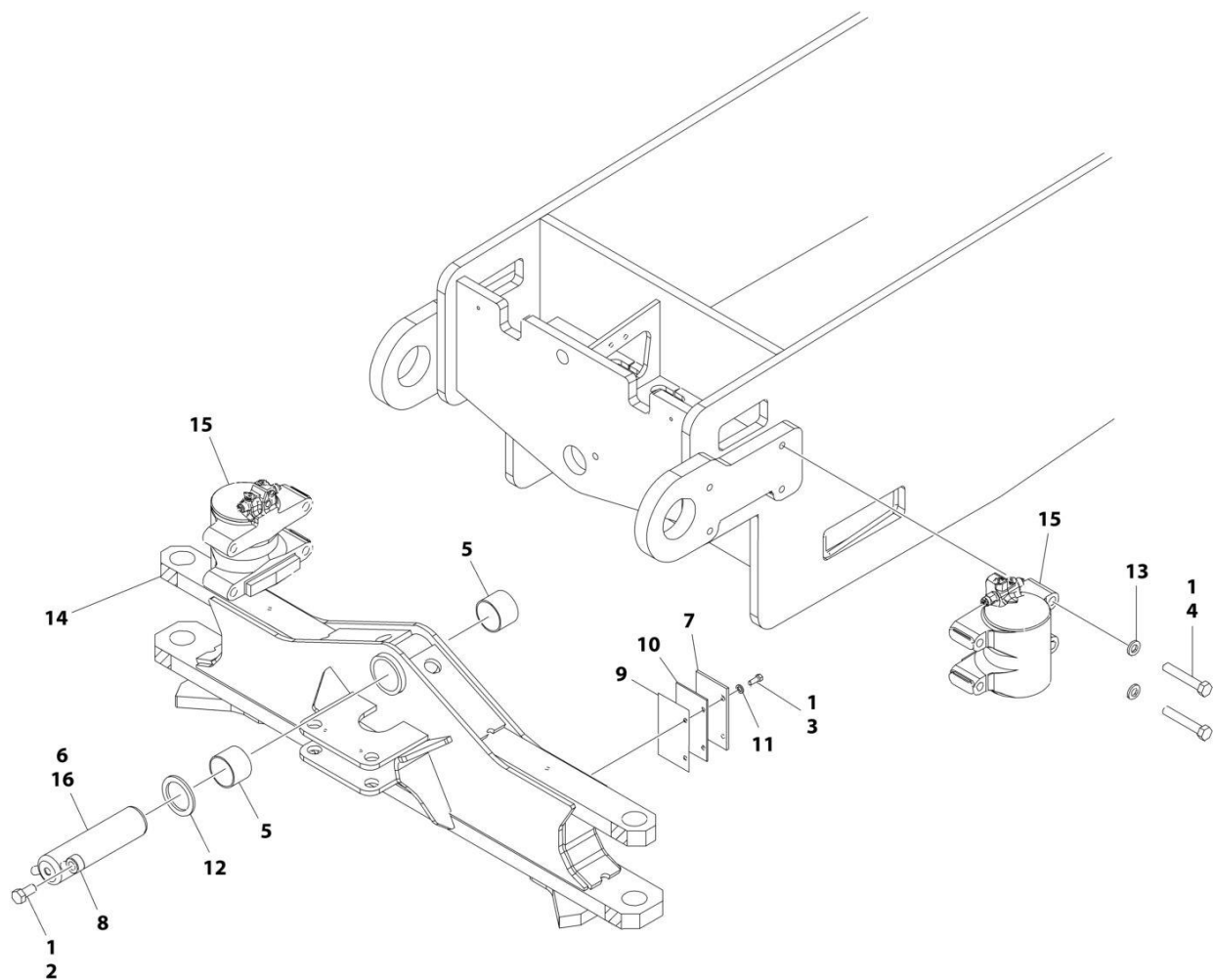
SECTION 1 - FRAME

FIGURE 1-2. AXLE INSTALLATION - OSCILLATING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001154584	Ref	AXLE INSTALLATION	D
1	0100011	AR	Compound, Locking	
2	0642212	1	Bolt 3/4 x 1-1/2	
3	0681608	4	Bolt 3/8 x 1 Grade 8	
4	0682236	8	Bolt 3/4 x 4-1/2 Grade 8	
5	0962102	2	Bushing	
6	3020039	AR	Lubricant	
7	3538047	2	Shim .25	
8	3841287	1	Keeper, Pin	
9	4070878	AR	Shim 16 Gauge	
10	4070879	AR	Shim 11 Gauge	
11	4711600	4	Washer 3/8	
12	4740472	1	Washer	
13	4892200	8	Washer 3/4	
14	1001152719	1	Axle	
15	1001204560	2	Axle Lockout Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
16	1001156710	1	Pin	

SECTION 1 - FRAME

FIGURE 1-3. AXLE INSTALLATION - OSCILLATING WITH TOW PACKAGE



ART_1001155194

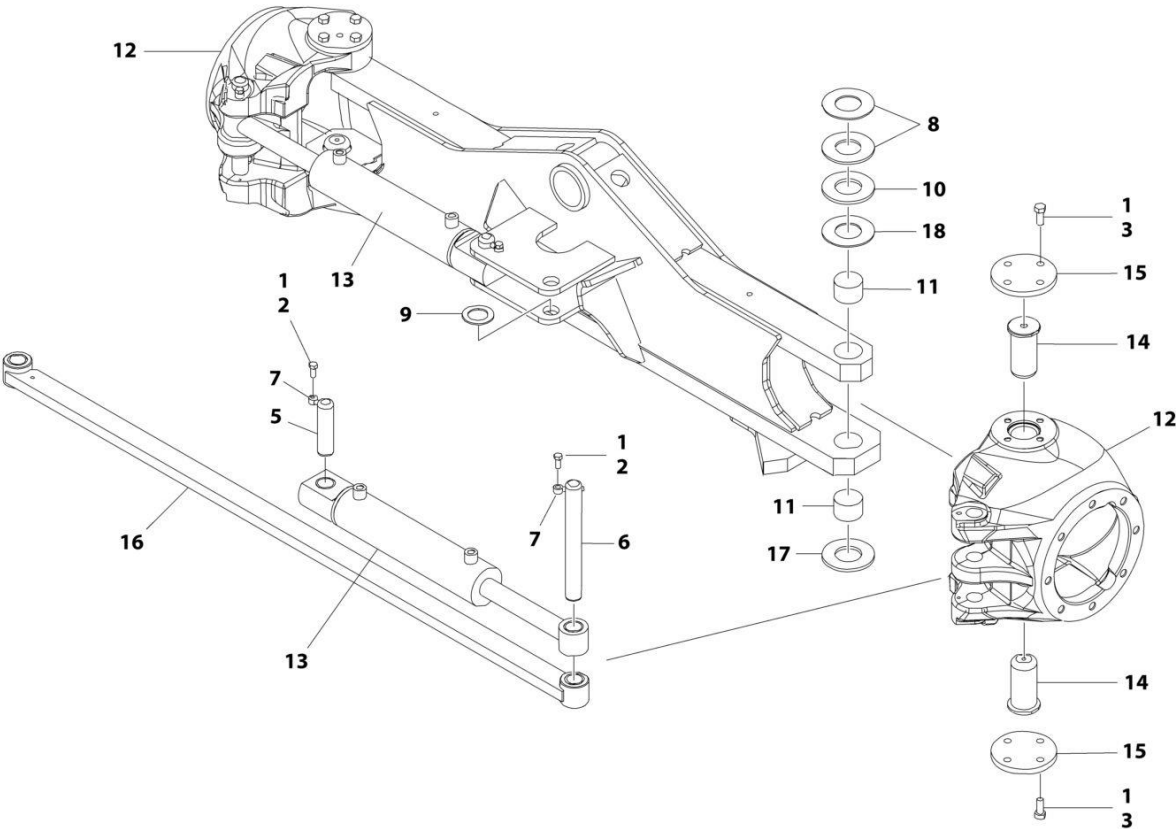
SECTION 1 - FRAME

FIGURE 1-3. AXLE INSTALLATION - OSCILLATING WITH TOW PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155194	Ref	AXLE INSTALLATION	D
1	0100011	AR	Compound, Locking	
2	0642212	1	Bolt 3/4 x 1-1/2	
3	0681608	4	Bolt 3/8 x 1 Grade 8	
4	0682236	8	Bolt 3/4 x 4-1/2 Grade 8	
5	0962102	2	Bushing	
6	3020039	AR	Lubricant	
7	3538047	2	Shim .25	
8	3841287	1	Keeper, Pin	
9	4070878	AR	Shim 16 Gauge	
10	4070879	AR	Shim 11 Gauge	
11	4711600	4	Washer 3/8	
12	4740472	1	Washer	
13	4892200	8	Washer 3/4	
14	1001154875	1	Axle	
15	1001204560	2	Axle Lockout Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
16	1001156710	1	Pin	

SECTION 1 - FRAME

FIGURE 1-4. STEER INSTALLATION - 2WS



ART_1001151034

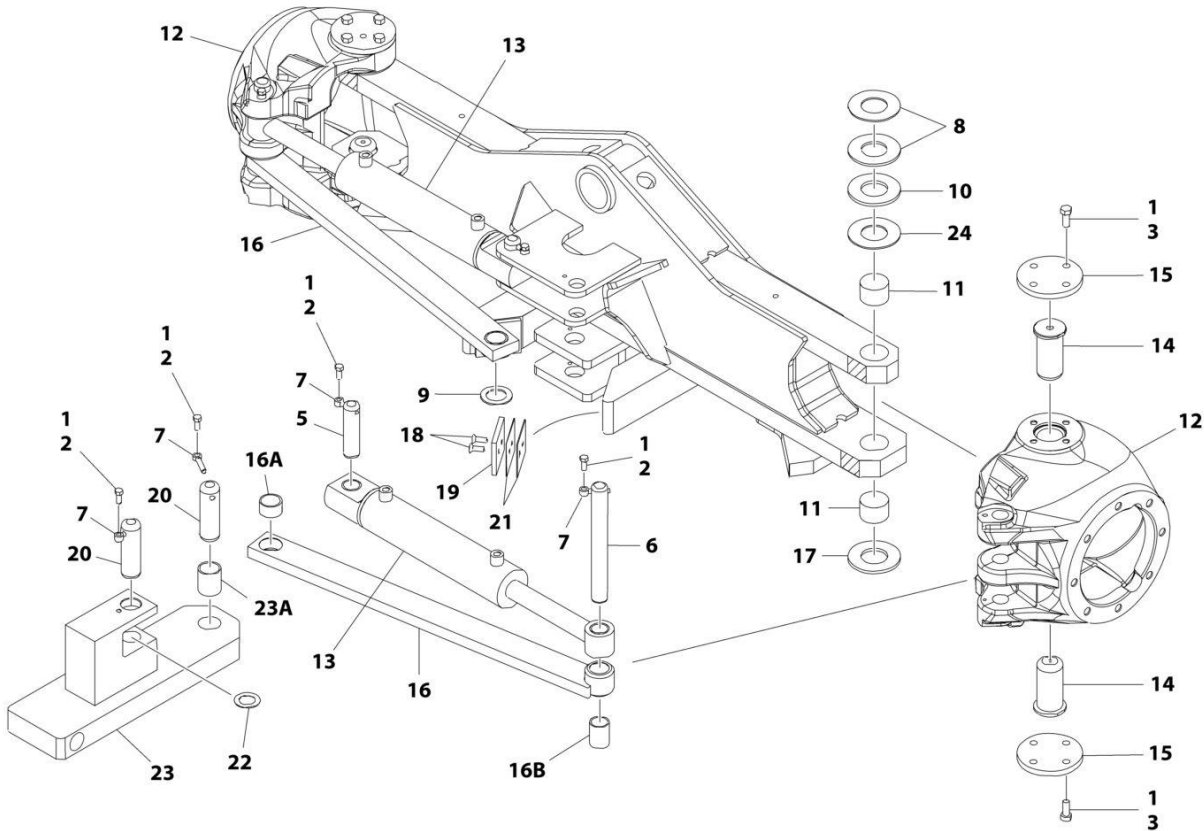
SECTION 1 - FRAME

FIGURE 1-4. STEER INSTALLATION - 2WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001151034	Ref	STEER INSTALLATION	H
1	0100011	AR	Compound, Locking	
2	0641607	4	Bolt 3/8 x 7/8	
3	0641810	16	Bolt 1/2 x 1-1/4	
5	3422417	2	Pin	
6	3422790	2	Pin	
7	3841520	4	Keeper, Pin	
8	4740256	AR	Washer, Thrust	
9	4740473	2	Washer	
10	1001103810	AR	Washer, Thrust	
11	1001165657	4	Bearing	
12	1001150372	2	Spindle	
13	1001150539	2	Steer Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
14	1001161355	4	Kingpin	
15	1001150937	4	Plate	
16	1001151980	1	Tie-Rod	
17	1001161399	2	Washer, Thrust	
18	4740463	AR	Washer, Thrust	

SECTION 1 - FRAME

FIGURE 1-5. STEER INSTALLATION - 2WS WITH TOW PACKAGE



ART_1001155192

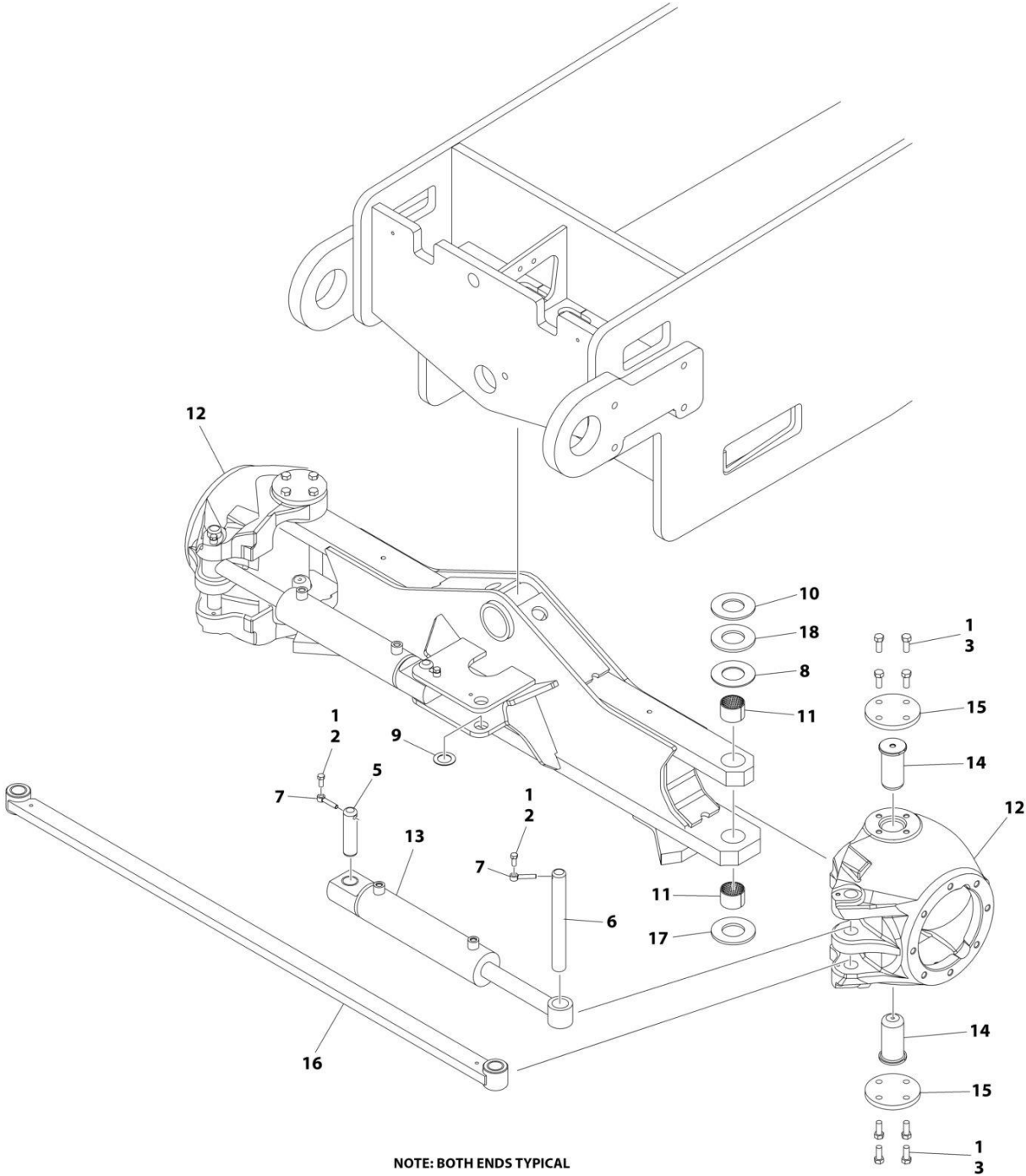
SECTION 1 - FRAME

FIGURE 1-5. STEER INSTALLATION - 2WS WITH TOW PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155192	Ref	STEER INSTALLATION	G
1	0100011	AR	Compound, Locking	
2	0641607	6	Bolt 3/8 x 7/8	
3	0641810	16	Bolt 1/2 x 1-1/4	
5	3422417	2	Pin	
6	3422790	2	Pin	
7	3841520	6	Keeper, Pin	
8	4740256	AR	Washer, Thrust	
9	4740473	2	Washer	
10	1001103810	AR	Washer, Thrust	
11	1001165657	4	Bearing	
12	1001150372	2	Spindle	
13	1001150539	2	Steer Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
14	1001161355	4	Kingpin	
15	1001150937	4	Plate	
16	1001154931	2	Tie-Rod	
16A	0962181	1	Bushing	
16B	0962152	1	Bushing	
17	1001161399	2	Washer, Thrust	
18	0741609	4	Screw 3/8 x 1-1/8	
19	3340966	2	Pad, Stop	
20	3422848	2	Pin, Hitch	
21	4071059	AR	Shim 16 Gauge	
22	4740155	3	Washer, Thrust	
23	1001155035	1	Link	
23A	0962348	1	Bushing	
24	4740463	AR	Washer, Thrust	

SECTION 1 - FRAME

FIGURE 1-6. STEER INSTALLATION - 4WS



ART_1001151035

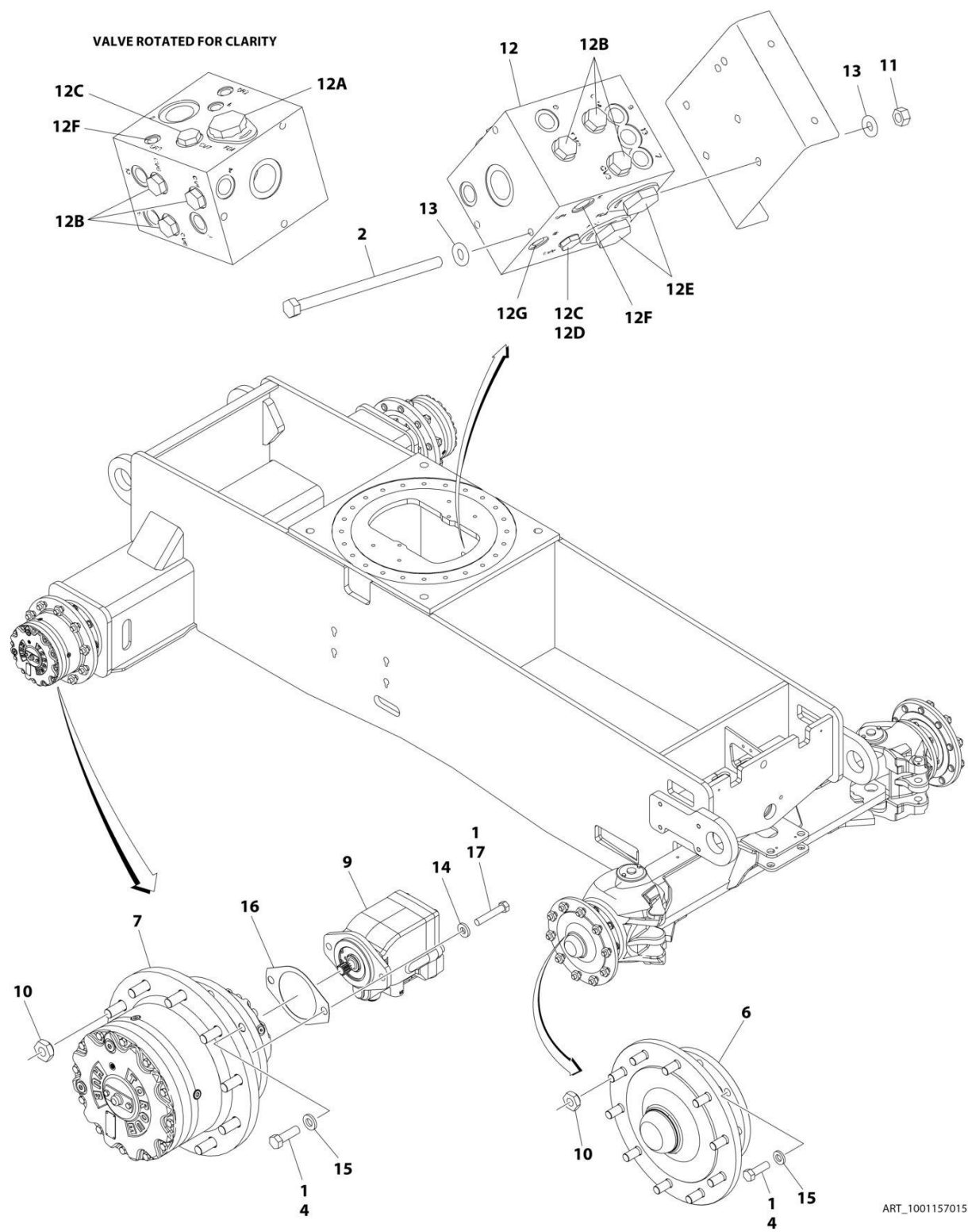
SECTION 1 - FRAME

FIGURE 1-6. STEER INSTALLATION - 4WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001151035	Rev	STEERING INSTALLATION - 4WS	G
1	0100011	AR	Compound, Locking	
2	0641607	8	Bolt 3/8 x 7/8	
3	0641810	32	Bolt 1/2 x 1-1/4	
5	3422417	4	Pin	
6	3422790	4	Pin	
7	3841520	8	Keeper, Pin	
8	4740256	AR	Washer, Thrust	
9	4740473	4	Washer	
10	1001103810	4	Washer, Thrust	
11	1001165657	8	Bearing	
12	1001150372	4	Spindle	
13	1001150539	4	Steer Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
14	1001161355	8	Kingpin	
15	1001150937	8	Plate	
16	1001151980	2	Tie-Rod	
17	1001161399	4	Washer, Thrust	
18	4740463	AR	Washer, Thrust	

SECTION 1 - FRAME

FIGURE 1-7. WHEEL DRIVE AND FRAME VALVES INSTALLATION - 2WD



ART_1001157015

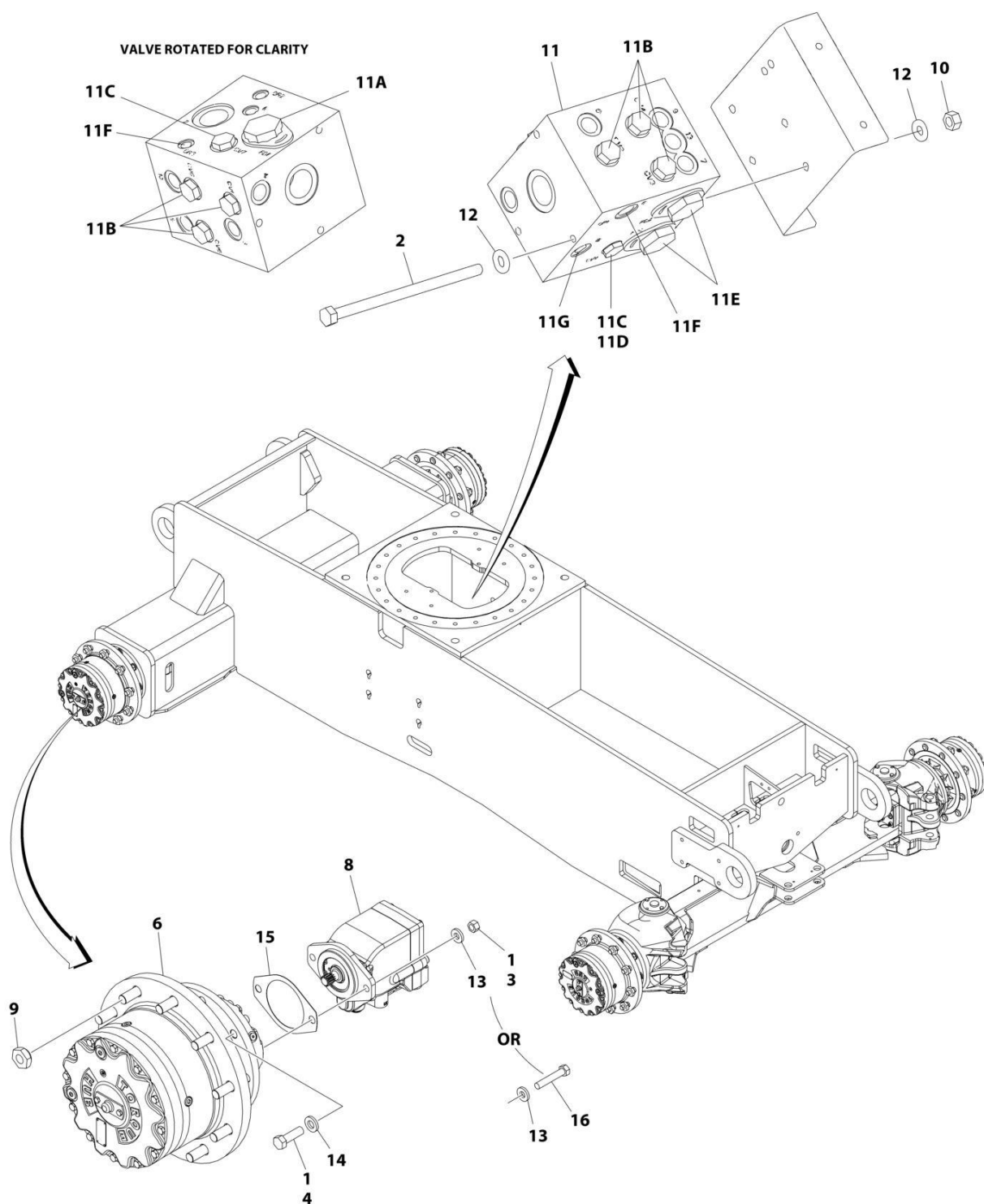
SECTION 1 - FRAME

FIGURE 1-7. WHEEL DRIVE AND FRAME VALVES INSTALLATION - 2WD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001157015	Ref	WHEEL DRIVE INSTALLATION - 2WD	E
1	0100011	AR	Compound, Locking	C
2	0641542	2	Bolt 5/16 x 5 1/4	
4	0682016	32	Bolt 5/8 x 2 Grade 8	
6	2780229	2	Hub Assembly (See Separate Breakdown in this Section)	
7	1001219219	2	Drive Hub Assembly (See Separate Breakdown in this Section)	
9	3160347	2	Drive Motor Assembly (See Separate Breakdown in this Section)	
10	3300007	40	Nut, Wheel	
11	3311505	2	Nut 5/16	
12	1001099870	1	Flow Divider Valve Assembly	
12A	7023933	1	Cartridge, Flow Divider	
12A	7021625	1	Seal Kit - 7023933 Cartridge	
12A	70000781	1	Lockdown Kit	
12B	7022397	1	Cartridge, Check	
12B	7022399	1	Seal Kit - 7022397 Cartridge	
12C	70002390	1	Cartridge, Check	
12C	7022399	1	Seal Kit - 70002390 Cartridge	
12D	7024881	1	Piston, Pilot	
12E	7017406	1	Plug	
12F	7024844	1	Plug	
12F	7017492	1	Orifice	
13	4711500	4	Washer 5/16	
14	4891800	4	Washer, 1/2	
15	4892000	32	Washer 5/8	
16	3960526	2	Gasket	
17	0681822	4	Bolt 1/2 x 2-3/4 Grade 8	

SECTION 1 - FRAME

FIGURE 1-8. WHEEL DRIVE AND FRAME VALVES INSTALLATION - 4WD/2WS



ART_1001157016

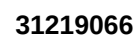
SECTION 1 - FRAME

FIGURE 1-8. WHEEL DRIVE AND FRAME VALVES INSTALLATION - 4WD/2WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001157016	Ref	WHEEL DRIVE AND FRAME VALVES INSTALLATION	E
1	0100011	AR	Compound, Locking	C
2	0641560	3	Bolt 5/16 x 7-1/2	
3	3311801	8	Nut 1/2	
4	0682016	32	Bolt 5/8 x 2 Grade 8	
5	2300016	AR	Fluid, Hydraulic (Not Shown)	
6	1001219219	4	Drive Hub Assembly (See Separate Breakdown in this Section)	
8	3160348	4	Drive Motor Assembly (See Separate Breakdown in this Section)	
9	3300007	40	Nut, Wheel	
10	3311505	3	Nut 5/16	
11	4641303	1	Flow Divider Valve Assembly	
11A	7023933	1	Cartridge, Flow Divider	
11A	7021625	1	Seal Kit - 7023933 Cartridge	
11B	7022397	6	Cartridge, Check	
11B	7022399	6	Seal Kit - 7022397 Cartridge	
11C	7021639	2	Cartridge, Check Valves	
11C	2900756	2	Seal Kit - 7021639 Cartridge	
11D	7024881	1	Piston, Pilot	
11E	7023917	2	Cartridge, Flow Divider	
11E	7021625	2	Seal Kit - 7023917 Cartridge	
11F	70003935	2	Orifice	
11G	70003936	1	Orifice	
12	4711500	6	Washer 5/16	
13	4891800	8	Washer 1/2	
14	4892000	32	Washer 5/8	
15	3960526	2	Gasket	
16	0681822	4	Bolt 1/2 x 2-3/4	

32

800AJ



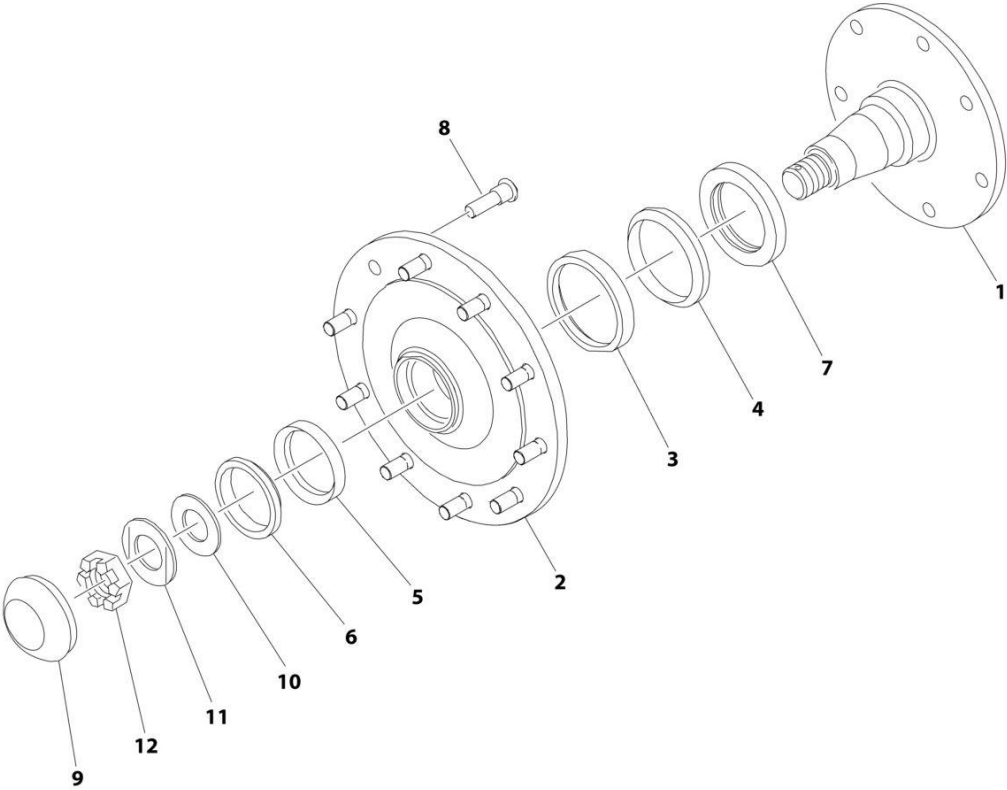
SECTION 1 - FRAME

FIGURE 1-9. WHEEL DRIVE AND FRAME VALVES INSTALLATION - 4WD/4WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001157094	Ref	WHEEL DRIVE AND FRAME VALVES INSTALLATION	E
1	0100011	AR	Compound, Locking	C
2	0641560	3	Bolt 5/16 x 7-1/2	
4	0682016	32	Bolt 5/8 x 2 Grade 8	
6	1001219219	4	Drive Hub Assembly (See Separate Breakdown in this Section)	
8	3160348	4	Drive Motor Assembly (See Separate Breakdown in this Section)	
9	3300007	40	Nut, Wheel	
10	3311505	3	Nut 5/16	
11	4641303	1	Flow Divider Valve Assembly	
11A	7023933	1	Cartridge, Flow Divider	
11A	7021625	1	Seal Kit - 7023933 Cartridge	
11B	7022397	6	Cartridge, Check	
11B	7022399	6	Seal Kit - 7022397 Cartridge	
11C	7021639	2	Cartridge, Check Valves	
11C	2900756	2	Seal Kit - 7021639 Cartridge	
11D	7024881	1	Piston, Pilot	
11E	7023917	2	Cartridge, Flow Divider	
11E	7021625	2	Seal Kit - 7023917 Cartridge	
11F	70003935	2	Orifice	
11G	70003936	1	Orifice	
12	4711500	6	Washer 5/16	
13	4891800	8	Washer 1/2	
14	4892000	32	Washer 5/8	
15	0681822	8	Bolt 1/2 x 2-3/4 Grade 8	
16	3960526	4	Gasket	

SECTION 1 - FRAME

FIGURE 1-10. HUB ASSEMBLY - 2WD FRONT



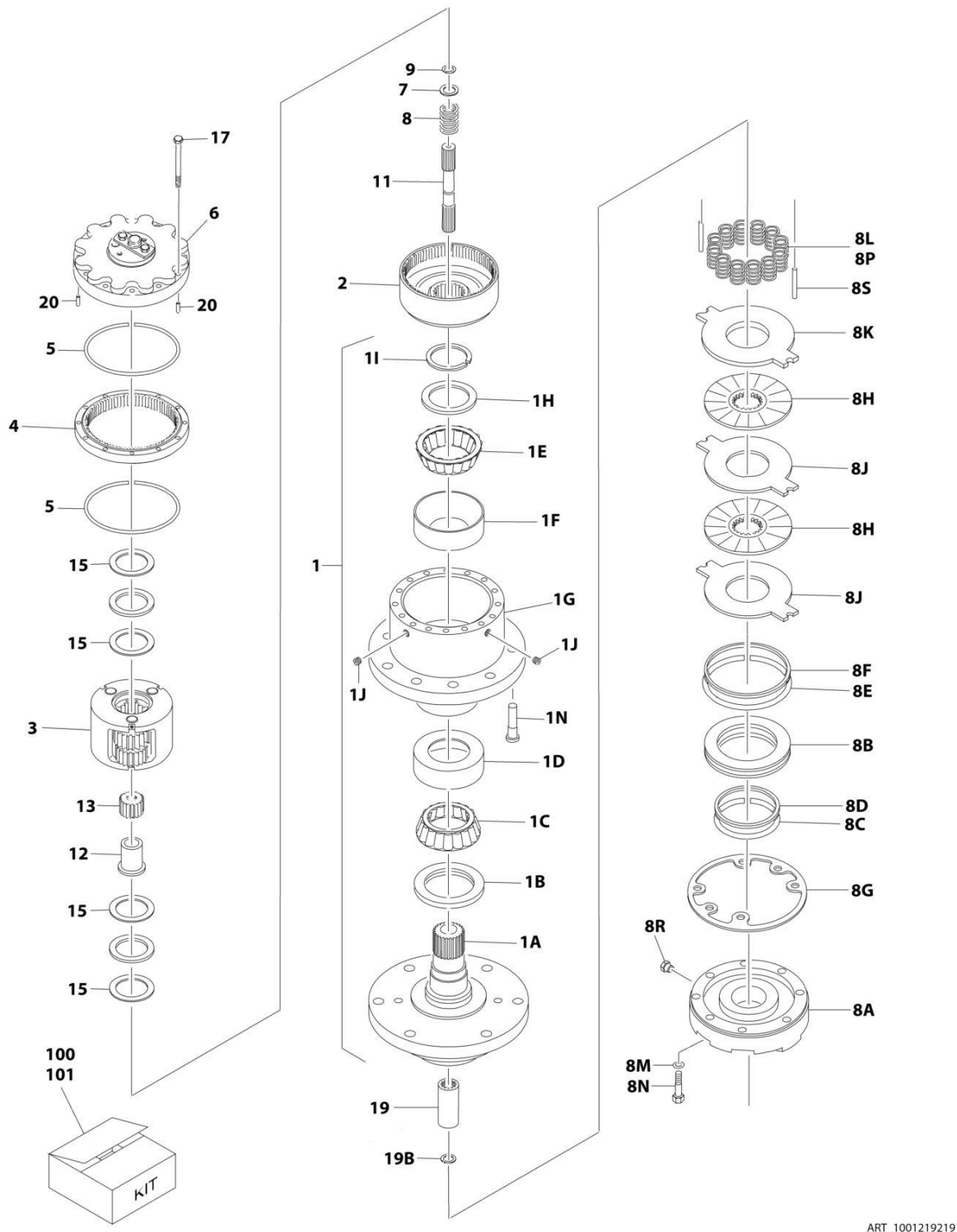
ART_2780229

FIGURE 1-10. HUB ASSEMBLY - 2WD FRONT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2780229	Ref	HUB ASSEMBLY	A
1	7017052	1	Spindle (1 per Assembly)	
2	7017053	1	Housing (1 per Assembly)	
3	7010404	1	Cup, Bearing - Inner (1 per Assembly)	
4	7010405	1	Cone, Bearing - Inner (1 per Assembly)	
5	7017056	1	Cup, Bearing - Outer (1 per Assembly)	
6	7017055	1	Cone, Bearing - Outer (1 per Assembly)	
7	7010406	1	Seal, Lip (1 per Assembly)	
8	7000265	10	Stud (10 per Assembly)	
9	7017054	1	Dust Cap (1 per Assembly)	
10	7017051	1	Washer, Special (1 per Assembly)	
11	7017057	1	Washer, Tanged (1 per Assembly)	
12	7017058	1	Nut, Bearing (1 per Assembly)	

SECTION 1 - FRAME

FIGURE 1-11. DRIVE HUB/BRAKE ASSEMBLY



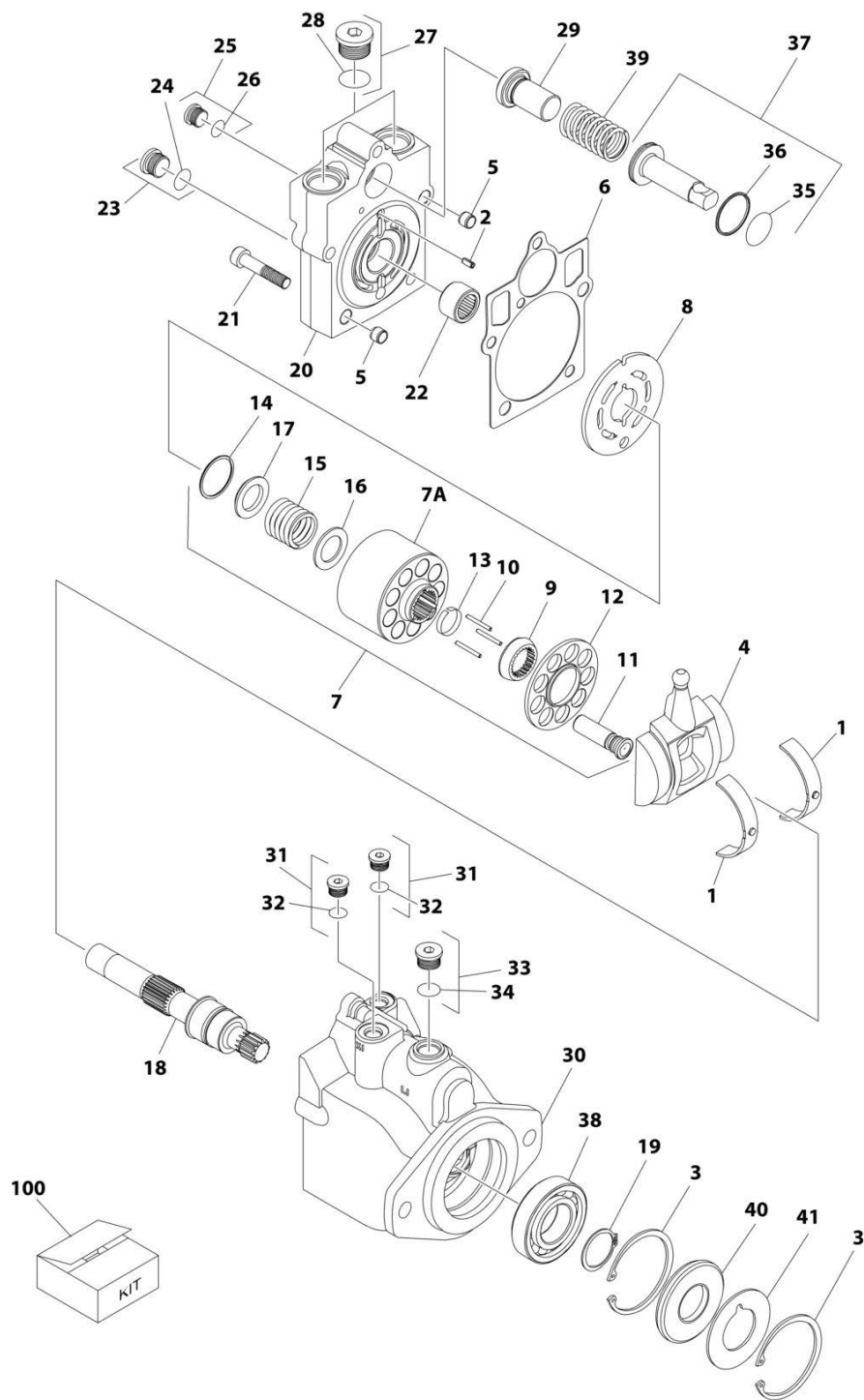
ART_1001219219

FIGURE 1-11. DRIVE HUB/BRAKE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219219	Ref	DRIVE HUB/BRAKE ASSEMBLY	C
1	See Note	NSS	Spindle/Housing Assembly (Note: Not Available - Purchase Individual Components)	
1A	70006677	1	Spindle	
1B	70006678	1	Seal	
1C	1001091460	1	Cone, Bearing	
1D	1001091460	1	Cup, Bearing	
1E	1001091461	1	Cone, Bearing	
1F	1001091461	1	Cup, Bearing	
1G	See Note	NSS	Housing (Note: Not Available - Not Available for Purchase)	
1H	7000239	1	Thrustwasher	
1I	7000240	1	Ring, Retaining	
1J	7001928	1	Plug, Pipe	
1N	See Note	NSS	Stud, Wheel (Note: Not Available - Not Available for Purchase)	
2	7024782	1	Gear, Ring	
3	70006673	1	Carrier Assembly	
4	7024151	1	Gear, Internal	
5	7000224	2	O-Ring	
6	70006674	NSS	Cover Assembly (Note: Not Available - Not Available for Purchase)	
7	70006691	1	Thrustwasher	
8	7000283	1	Spring	
8A	7024191	1	Housing, Piston	
8B	70006684	1	Piston	
8C	See Note	NSS	O-Ring (Note: Use Item 101)	
8D	See Note	NSS	Ring, Back-up (Note: Use Item 101)	
8E	See Note	NSS	O-Ring (Note: Use Item 101)	
8F	See Note	NSS	Ring, Back-up (Note: Use Item 101)	
8G	See Note	NSS	Gasket (Note: Use Items 100 & 101)	
8H	See Note	NSS	Brake, Stator (Note: Use Item 100)	
8J	See Note	NSS	Brake, Rotor (Note: Use Item 100)	
8K	See Note	NSS	Plate, Pressure (Note: Use Item 100)	
8L	80344004	10	Spring	
8M	70006685	6	Capscrew	
8N	70006690	6	Lockwasher	
8P	70006680	2	Spring	
8R	7017082	2	Plug	
8S	7024190	2	Pin, Dowel	
9	7000284	1	Ring, Retaining	
11	70006675	1	Shaft, Input	
12	7024154	1	Spacer, Input	
13	7024149	1	Gear, Sun	
15	70006692	2	Thrustwasher	
17	7000289	12	Bolt 3/8 x 2-1/2in (Grade 8)	
19	70006676	1	Coupling	
19B	7017028	1	Ring, Retaining	
20	7017047	2	Pin, Dowel	
100	70006832	1	Friction Disc Kit (Includes Items 8G, 8H, 8J & 8K)	
101	70006833	1	Seal Kit (Includes Items - 8C-8G)	

SECTION 1 - FRAME

FIGURE 1-12. DRIVE MOTOR ASSEMBLY - 2WD



ART_3160347

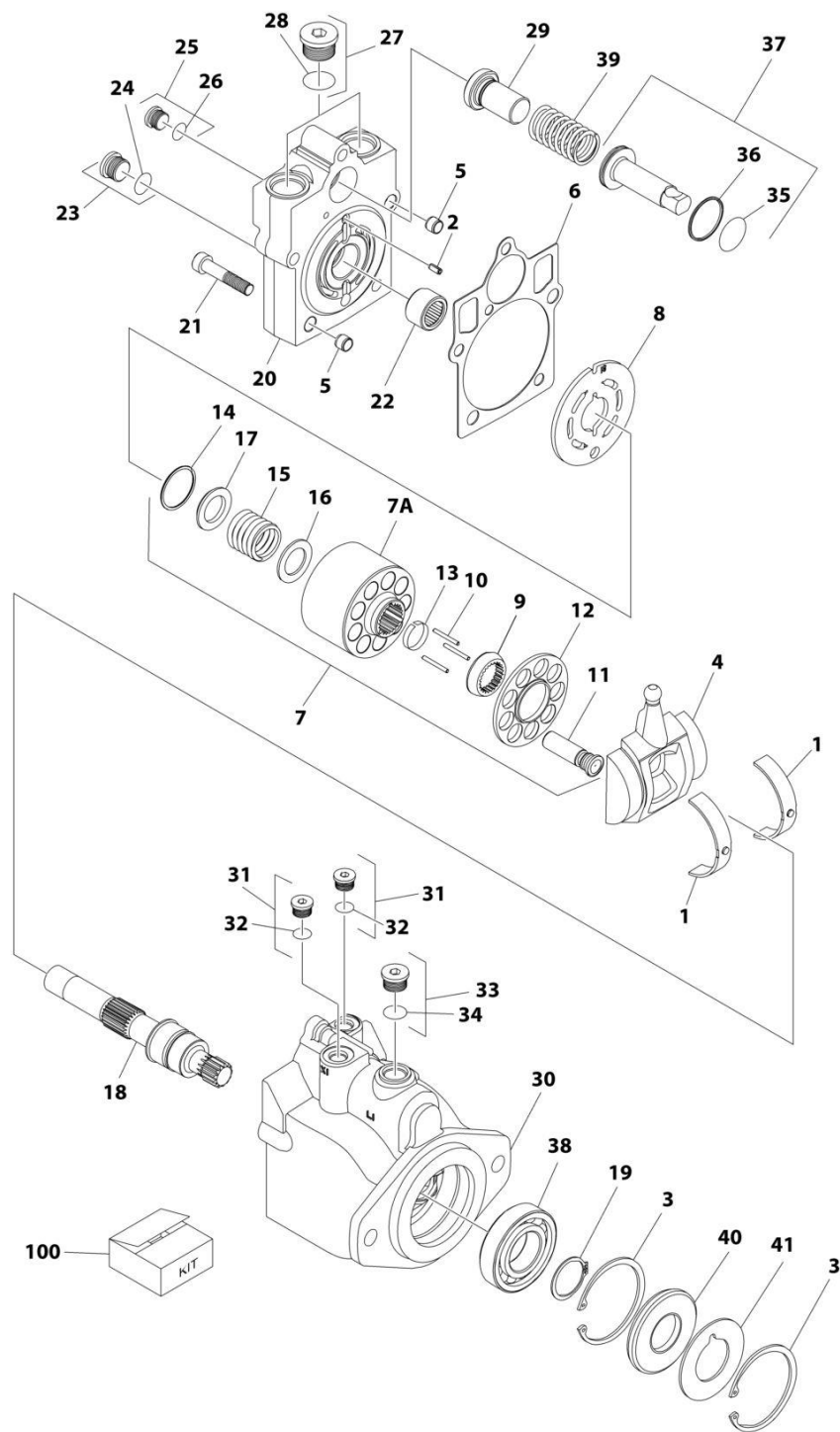
SECTION 1 - FRAME

FIGURE 1-12. DRIVE MOTOR ASSEMBLY - 2WD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3160347	Ref	DRIVE MOTOR ASSEMBLY	B
1	7022302	2	Bearing, Journal	
2	7007446	1	Pin	
3	7007438	2	Ring, Retaining	
4	7022305	1	Swash Plate	
5	See Note	2	Pin (Note: Not Available for Purchase)	
6	See Note	NSS	Gasket (Note: Use Item 100)	
7	7027740	1	Cylinder Block Kit (Includes Items 7A & 9-17)	
7A	See Note	NSS	Block, Cylinder (Note: Use Item 7)	
8	7024862	1	Plate, Valve	
9	7021277	1	Guide, Slipper Retainer	
10	7021275	3	Pin, Slipper Hold Down	
11	See Note	NSS	Piston Assembly (Note: Use Item 7)	
12	See Note	NSS	Retainer, Slipper (Note: Use Item 7)	
13	See Note	NSS	Retainer, Hold Down Pin (Note: Use Item 7)	
14	7022311	1	Ring, Retaining	
15	7024867	1	Spring	
16	7022313	1	Washer	
17	7022314	1	Retainer, Spring	
18	7023910	1	Shaft	
19	7007439	1	Ring, Retaining	
20	70000795	1	Cap, End - Axial	
21	7022368	5	Screw	
22	7021249	1	Bearing, Needle	
23	2220886	1	Plug (Includes Item 24)	
24	See Note	1	O-Ring (Note: Use Item 23 or 100)	
25	2220883	1	Plug (Includes Item 26)	
26	See Note	NSS	O-Ring (Note: Use Item 25 or 100)	
27	2220888	2	Plug (Includes Item 28)	
28	See Note	NSS	O-Ring (Note: Use Item 27 or 100)	
29	7027741	1	Seat, Spring	
30	See Note	NSS	Housing (Note: Not Available - Purchase Complete Assembly)	
31	2220883	2	Plug (Includes Item 32)	
32	See Note	NSS	O-Ring (Note: Use Item 31 or 100)	
33	2220886	1	Plug (Includes Item 34)	
34	See Note	NSS	O-Ring (Note: Use Item 33 or 100)	
35	See Note	NSS	O-Ring (Note: Use Item 100)	
36	See Note	NSS	Ring, Seal (Note: Use Item 100)	
37	7024871	1	Piston, Servo (Includes Items 35 & 36)	
38	7007437	1	Bearing	
39	7022326	1	Spring	
40	See Note	NSS	Seal, Lip (Note: Use Item 100)	
41	7022371	1	Washer, Support	
		Ref	KIT OPTIONS:	
100	7022328	1	Seal Kit (Includes Items 6, 24, 26, 28, 32, 34, 35, 36 & 40)	

SECTION 1 - FRAME

FIGURE 1-13. DRIVE MOTOR ASSEMBLY - 4WD



ART_3160348

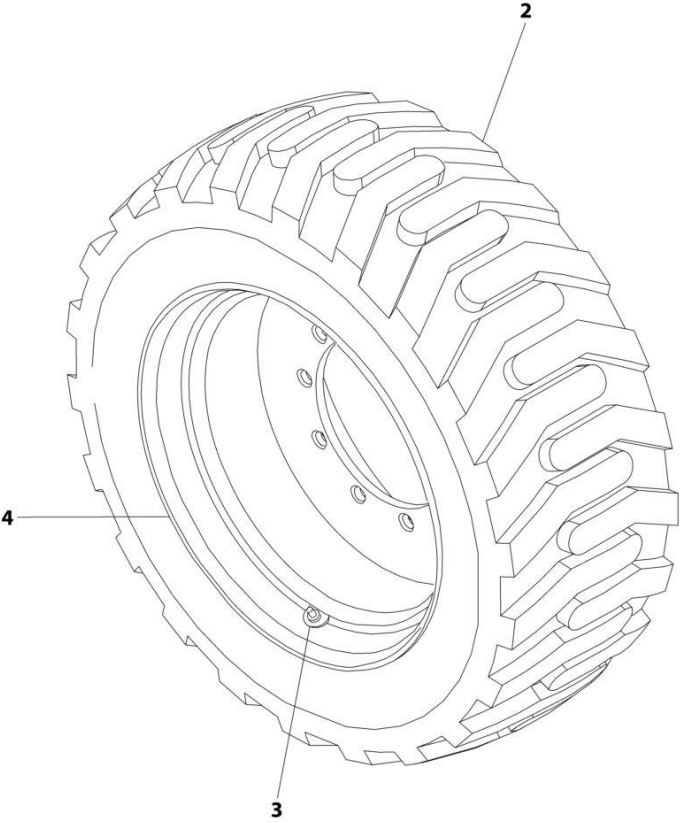
SECTION 1 - FRAME

FIGURE 1-13. DRIVE MOTOR ASSEMBLY - 4WD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3160348	Ref	DRIVE MOTOR ASSEMBLY	D
1	7022302	2	Bearing, Journal	
2	7007446	1	Pin	
3	7007438	2	Ring, Retaining	
4	7022305	1	Swash Plate	
5	See Note	2	Pin (Note: Not Available for Purchase)	
6	See Note	NSS	Gasket (Note: Use Item 100)	
7	7023907	1	Cylinder Block Kit (Includes Items 7A & 9-17)	
7A	See Note	NSS	Block, Cylinder (Note: Use Item 7)	
8	7023908	1	Plate, Valve	
9	7021277	1	Guide, Slipper Retainer	
10	7021275	3	Pin, Slipper Hold Down	
11	See Note	NSS	Piston Assembly (Note: Use Item 7)	
12	7022310	1	Retainer, Slipper	
13	7021276	1	Retainer, Hold Down Pin	
14	7022311	1	Ring, Retaining	
15	7022312	1	Spring	
16	7024868	1	Washer	
17	7022314	1	Retainer, Spring	
18	7023910	1	Shaft	
19	7007439	1	Ring, Retaining	
20	70000797	1	Cap, End - Axial	
21	7022368	5	Screw	
22	7021249	1	Bearing, Needle	
23	2220886	1	Plug (Includes Item 24)	
24	See Note	1	O-Ring (Note: Use Item 23 or 100)	
25	2220883	1	Plug (Includes Item 26)	
26	See Note	NSS	O-Ring (Note: Use Item 25 or 100)	
27	2220888	2	Plug (Includes Item 28)	
28	See Note	NSS	O-Ring (Note: Use Item 27 or 100)	
29	7022372	1	Seat, Spring	
30	See Note	NSS	Housing (Note: Not Available - Purchase Complete Assembly)	
31	2220883	2	Plug (Includes Item 32)	
32	See Note	NSS	O-Ring (Note: Use Item 31 or 100)	
33	2220886	1	Plug (Includes Item 34)	
34	See Note	NSS	O-Ring (Note: Use Item 33 or 100)	
35	See Note	NSS	O-Ring (Note: Use Item 100)	
36	See Note	NSS	Ring, Seal (Note: Use Item 100)	
37	7024854	1	Piston, Servo (Includes Items 35 & 36)	
38	7007437	1	Bearing	
39	7022326	1	Spring	
40	See Note	1	Seal, Lip (Note: Use Item 100)	
41	7022371	1	Washer, Support	
		Ref	KIT OPTIONS:	
100	7022328	1	Seal Kit (Includes Items 6, 24, 26, 28, 32, 34, 35, 36 & 40)	

SECTION 1 - FRAME

FIGURE 1-14. TIRE AND WHEEL INSTALLATION 18-625 NHS FOAM-FILLED TIRE



ART_0270888

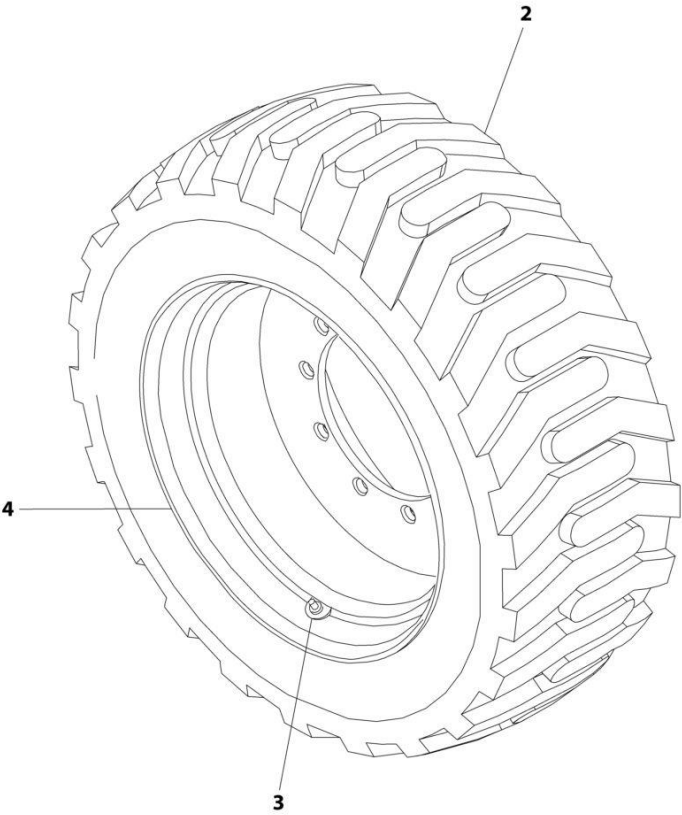
SECTION 1 - FRAME

FIGURE 1-14. TIRE AND WHEEL INSTALLATION 18-625 NHS FOAM-FILLED TIRE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270888	Ref	TIRE AND WHEEL INSTALLATION	C
	0271090	2	Tire and Wheel Assembly - 18-625 NHS Foam-Filled LH Side	G
	0271091	2	Tire and Wheel Assembly - 18-625 NHS Foam-Filled RH Side	G
		Ref	Note: Assemblies may require ballast/foam filling to manufacturer's specifications prior to installing on a machine. Refer to Operation and Safety or Service and Maintenance Manuals.	
		Ref	Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly.	
2	4520253	1	Tire 18-625	
3	4641122	1	Valve, Air	
4	4860225	1	Rim, Wheel - 15 x 24.5 Rim	

SECTION 1 - FRAME

FIGURE 1-15. TIRE AND WHEEL INSTALLATION 18-625 NHS FOAM-FILLED NON-MARKING TIRE



ART_1001169757

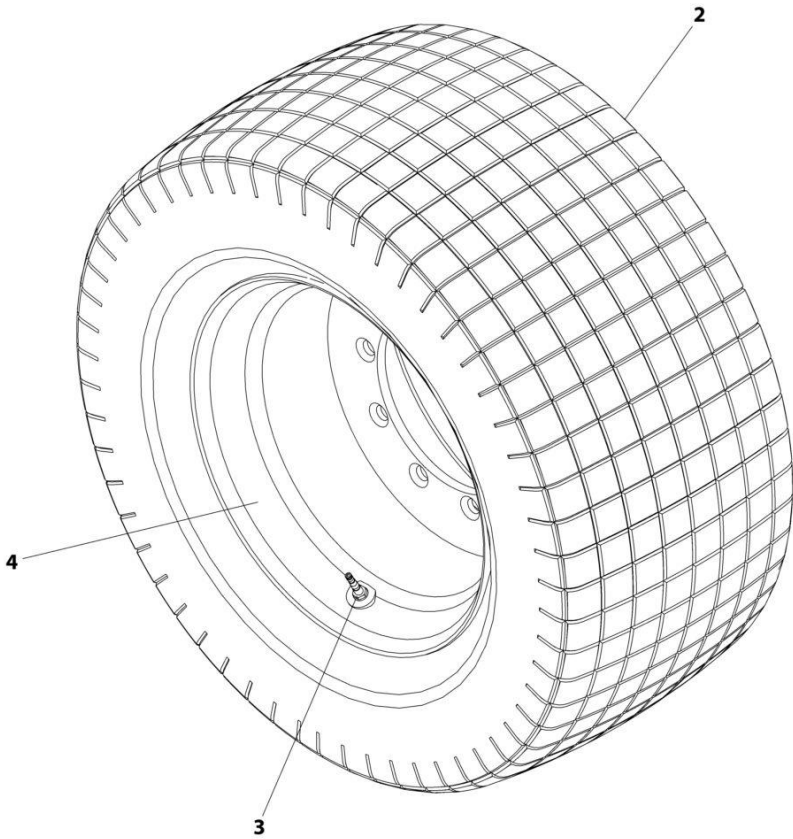
SECTION 1 - FRAME

FIGURE 1-15. TIRE AND WHEEL INSTALLATION 18-625 NHS FOAM-FILLED NON-MARKING TIRE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169757	Ref	TIRE AND WHEEL INSTALLATION	A
	1001169755	2	Tire and Wheel Assembly - 18-625 NHS Foam-Filled Non-Marking LH Side	D
	1001169756	2	Tire and Wheel Assembly - 18-625 NHS Foam-Filled Non-Marking RH Side	D
		Ref	Note: Assemblies may require ballast/foam filling to manufacturer's specifications prior to installing on a machine. Refer to Operation and Safety or Service and Maintenance Manuals.	
		Ref	Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly.	
2	1001169754	1	Tire 18-625 Non-Marking	
3	4641122	1	Valve, Air	
4	4860225	1	Rim, Wheel - 15 x 24.5 Rim	

SECTION 1 - FRAME

FIGURE 1-16. TIRE AND WHEEL INSTALLATION 18-625 NHS FOAM-FILLED SAND TIRE



ART_1001243645

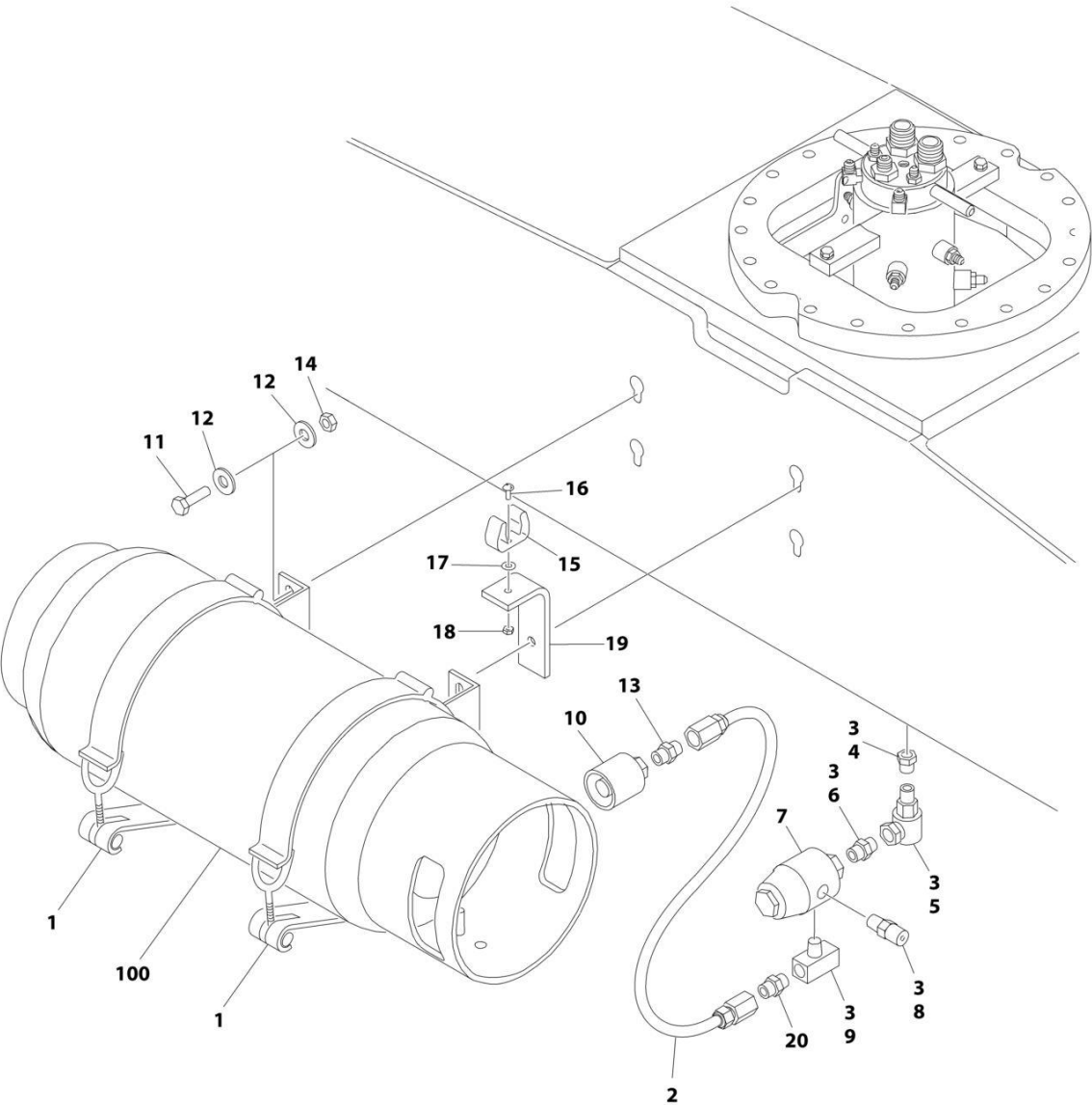
SECTION 1 - FRAME

FIGURE 1-16. TIRE AND WHEEL INSTALLATION 18-625 NHS FOAM-FILLED SAND TIRE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001243645	Ref	TIRE AND WHEEL INSTALLATION	A
	1001245049	4	Tire and Wheel Assembly - 18-625 NHS Foam-Filled Sand	B
		Ref	Note: Assemblies may require ballast/foam filling to manufacturer's specifications prior to installing on a machine. Refer to Operation and Safety or Service and Maintenance Manuals.	
		Ref	Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly.	
2	4520256	1	Tire 18-625 Non-Marking	
3	4641122	1	Valve, Air	
4	1001209982	1	Rim, Wheel - 22.5 x 14	

SECTION 1 - FRAME

FIGURE 1-17. LP TANK BRACKETS INSTALLATIONS



ART_1001151010

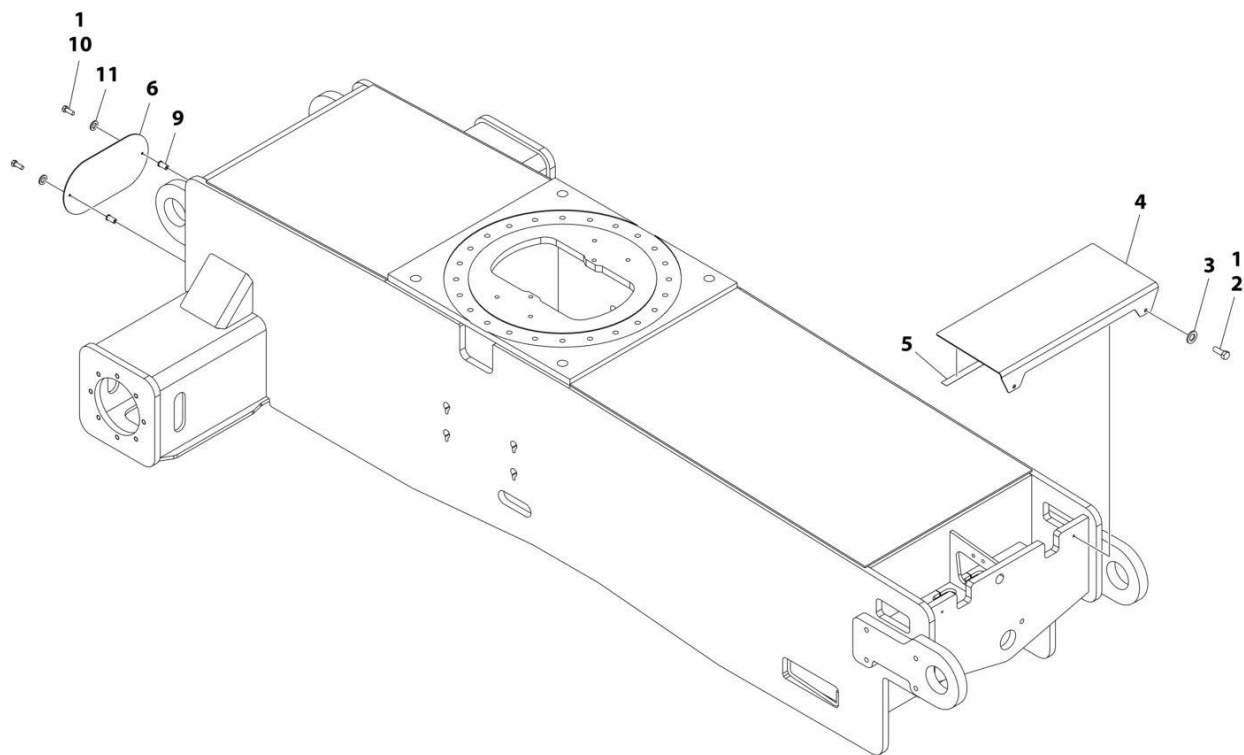
SECTION 1 - FRAME

FIGURE 1-17. LP TANK BRACKETS INSTALLATIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001151010	Ref	LP TANK BRACKETS INSTALLATION	E
1	1320220	2	Clamp	
1	1320127	2	Clamp, Toggle (1 Per Clamp)	
2	2720144	2	Hose	
3	0100020	AR	Sealant, Pipe	
4	2221197	1	Fitting, Reducer	
5	1001247358	1	Fitting, 90 Swivel	
6	2220261	1	Fitting, Nipple	
7	2180388	1	Fitting, Bulkhead	
8	2180389	1	Valve, Relief	
9	2220418	1	Fitting, Tee	
10	2180387	2	Fitting, Straight	
11	0641617	8	Bolt 3/8 x 2-1/8	
12	4751600	16	Washer 3/8	
13	2180418	2	Fitting, Connector	
14	3311605	8	Nut 3/8	
15	1320218	2	Clamp, Spring	
16	0720804	2	Screw #8 x 1/2	
17	4750800	4	Washer #8	
18	3310805	2	Nut #8	
19	0181949	2	Angle, Support	
20	2221024	2	Fitting, Union Ball Check	
100	4400275	1	Tank, LP - 43.5 Lbs. (Aluminum)	

SECTION 1 - FRAME

FIGURE 1-18. FRAME SHIELDS INSTALLATION - 2WS



ART_1001158203

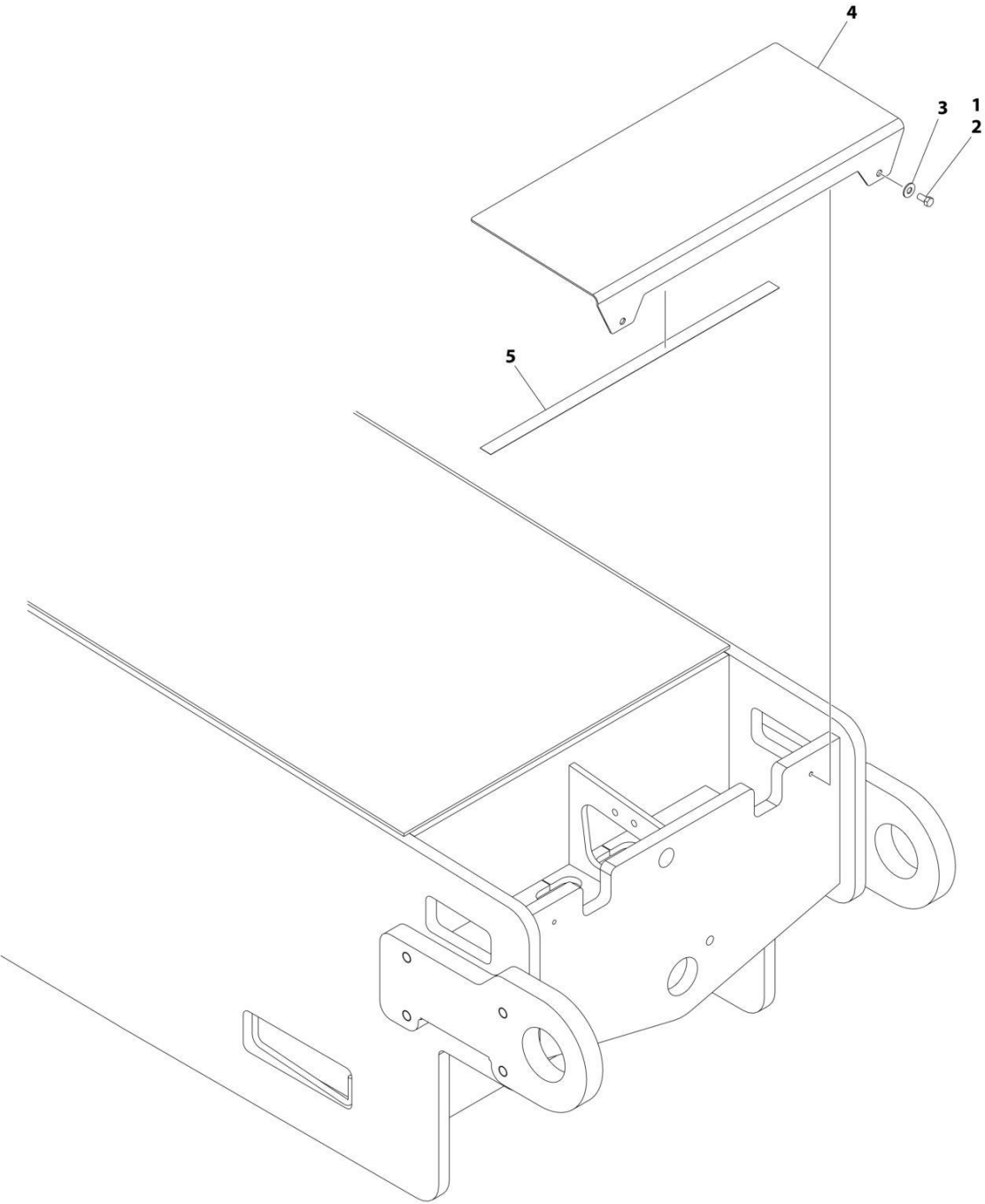
SECTION 1 - FRAME

FIGURE 1-18. FRAME SHIELDS INSTALLATION - 2WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158203	Ref	FRAME SHIELDS INSTALLATION	D
1	0100011	AR	Compound, Locking	
2	0641606	2	Bolt 3/8 x 3/4	
3	4751600	2	Washer 3/8	
4	1001158187	1	Cover	
5	4280296	27 in/ 68cm	Trim	
6	1001158188	1	Cover	
9	8580420	2	Nut, Well	
10	0641410	2	Bolt 1/4 x 1-1/4	
11	4751400	2	Washer 1/4	

SECTION 1 - FRAME

FIGURE 1-19. FRAME SHIELDS INSTALLATION - 4WS



ART_1001158204

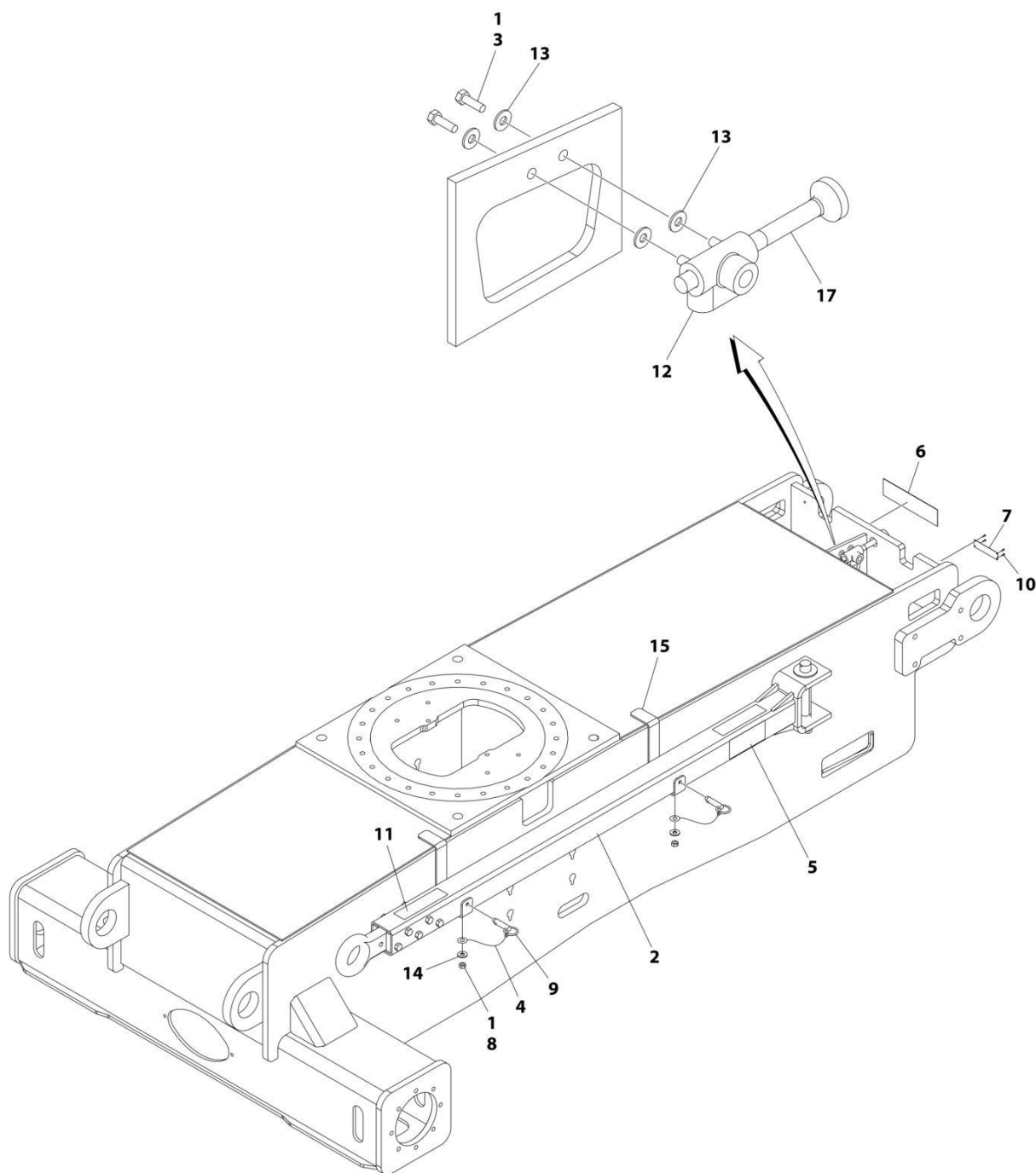
SECTION 1 - FRAME

FIGURE 1-19. FRAME SHIELDS INSTALLATION - 4WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158204	Ref	FRAME SHIELDS INSTSALLATION	C
1	0100011	AR	Compound, Locking	
2	0641606	2	Bolt 3/8 x 3/4	
3	4751600	2	Washer 3/8	
4	1001158187	1	Cover	
5	4280296	27 in/ 68cm	Trim	

SECTION 1 - FRAME

FIGURE 1-20. TOW PACKAGE INSTALLATION - 2WS (ENGLISH LANGUAGE DECALS)



ART_1001158258

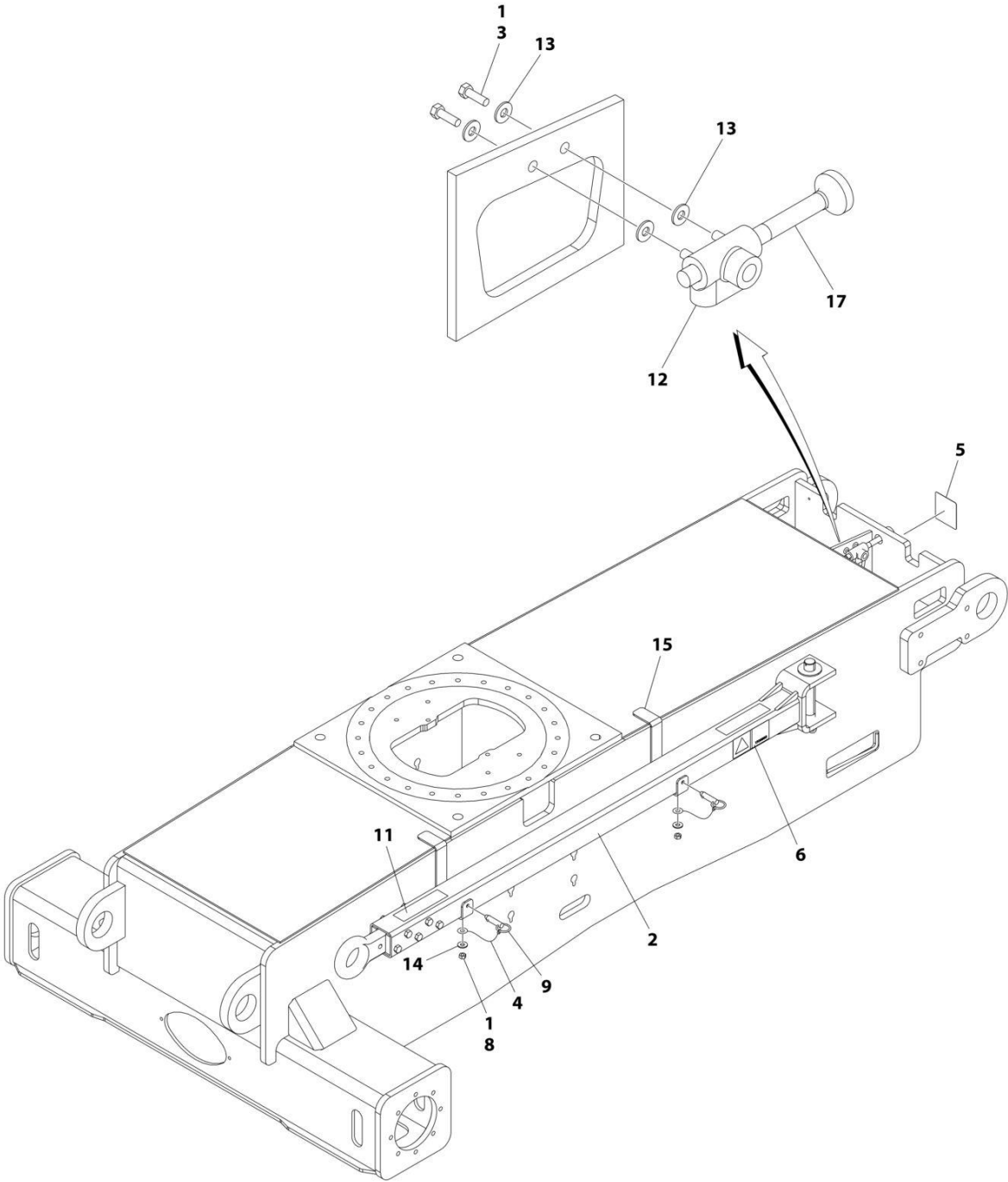
SECTION 1 - FRAME

FIGURE 1-20. TOW PACKAGE INSTALLATION - 2WS (ENGLISH LANGUAGE DECALS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158258	Ref	TOW PACKAGE INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0232121	1	Tow Bar Assembly (See Separate Breakdown in this Section)	
3	0641508	2	Bolt 5/16 x 1	
4	1260017	2 ft/0.3m	Chain	
5	1704578	2	Decal - Crushing	
6	1705090	1	Decal - Towing Instructions	
7	3250872	1	Nameplate - Steer/Tow Valve	
8	3311401	2	Nut 1/4	
9	3420292	2	Pin	
10	3820001	4	Rivet, Pop	
11	4420051	2 ft/0.3m	Tape	
12	4640261	1	Valve, Float Position	
13	4751500	4	Washer 5/16	
14	4751400	2	Washer 1/4	
15	1001158522	2	Bracket	
17	1001160780	1	Rod, Extension	

SECTION 1 - FRAME

FIGURE 1-21. TOW PACKAGE INSTALLATION - 2WS (CE & UK CA SPECS)



ART_1001166806

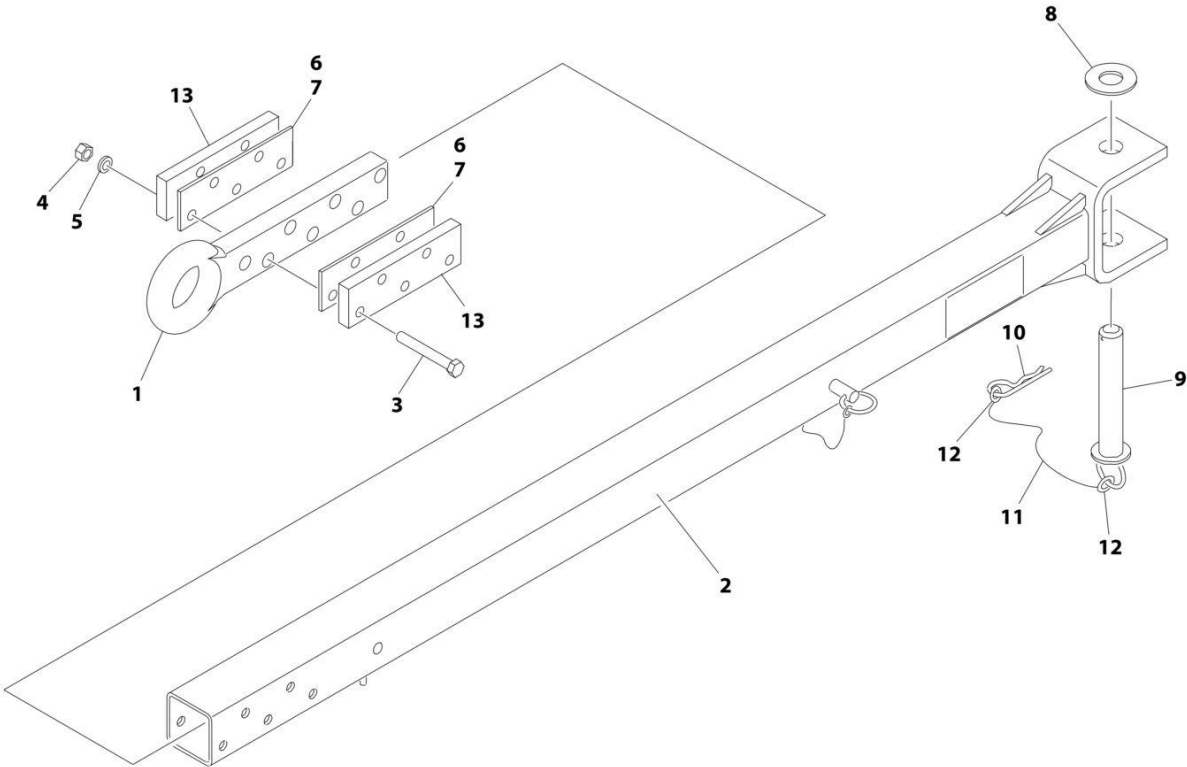
SECTION 1 - FRAME

FIGURE 1-21. TOW PACKAGE INSTALLATION - 2WS (CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166806	Ref	TOW BAR INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0232121	1	Tow Bar Assembly (See Separate Breakdown in this Section)	
3	0641508	2	Bolt 5/16 x 1	
4	1260017	2 ft/0.3m	Chain	
5	1706957	1	Decal - Tow Bar and Steer Select	
6	1706960	2	Decal - Crushing	
7	2792700	1	Hydraulic Diagram, Tow Bar Circuit (Not Shown)	
8	3311401	2	Nut 1/4	
9	3420292	2	Pin	
11	4420051	2 ft/0.3m	Tape	
12	4640261	1	Valve, Float Position	
13	4751500	AR	Washer 5/16	
14	4751400	2	Washer 1/4	
15	1001158522	1	Bracket	
17	1001160780	1	Rod, Extension	

SECTION 1 - FRAME

FIGURE 1-22. TOW BAR ASSEMBLY



ART_232121

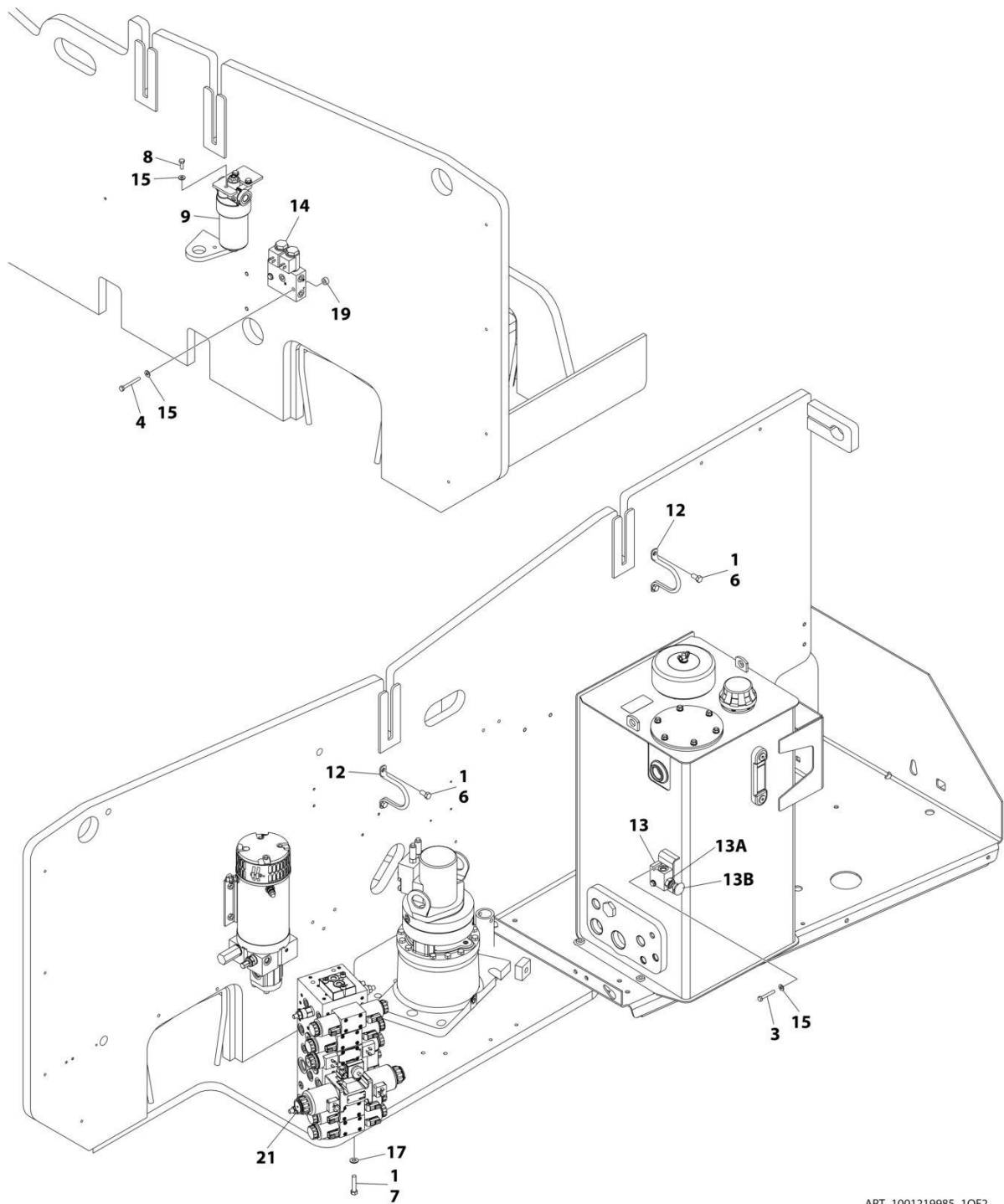
FIGURE 1-22. TOW BAR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0232121	Ref	TOW BAR ASSEMBLY	7-G
1	0360406	1	Bar, Draw	
2	4843777	1	Bar, Tow	
3	0642038	5	Bolt 5/8 x 4-3/4	
4	3312001	5	Nut 5/8	
5	4762000	5	Washer 5/8	
6	4070450	AR	Shim	
7	4070561	AR	Shim	
8	4740036	1	Washer 1-1/2	
9	3420447	1	Pin	
10	3420372	1	Pin	
11	1260135	1	Chain	
12	3760170	2	Ring	
13	4070560	2	Shim	

SECTION 2 - TURNTABLE

SECTION 2 - TURNTABLE

FIGURE 2-1. CONTROL VALVES INSTALLATION - WITH 2WS



ART_1001219985_10F2

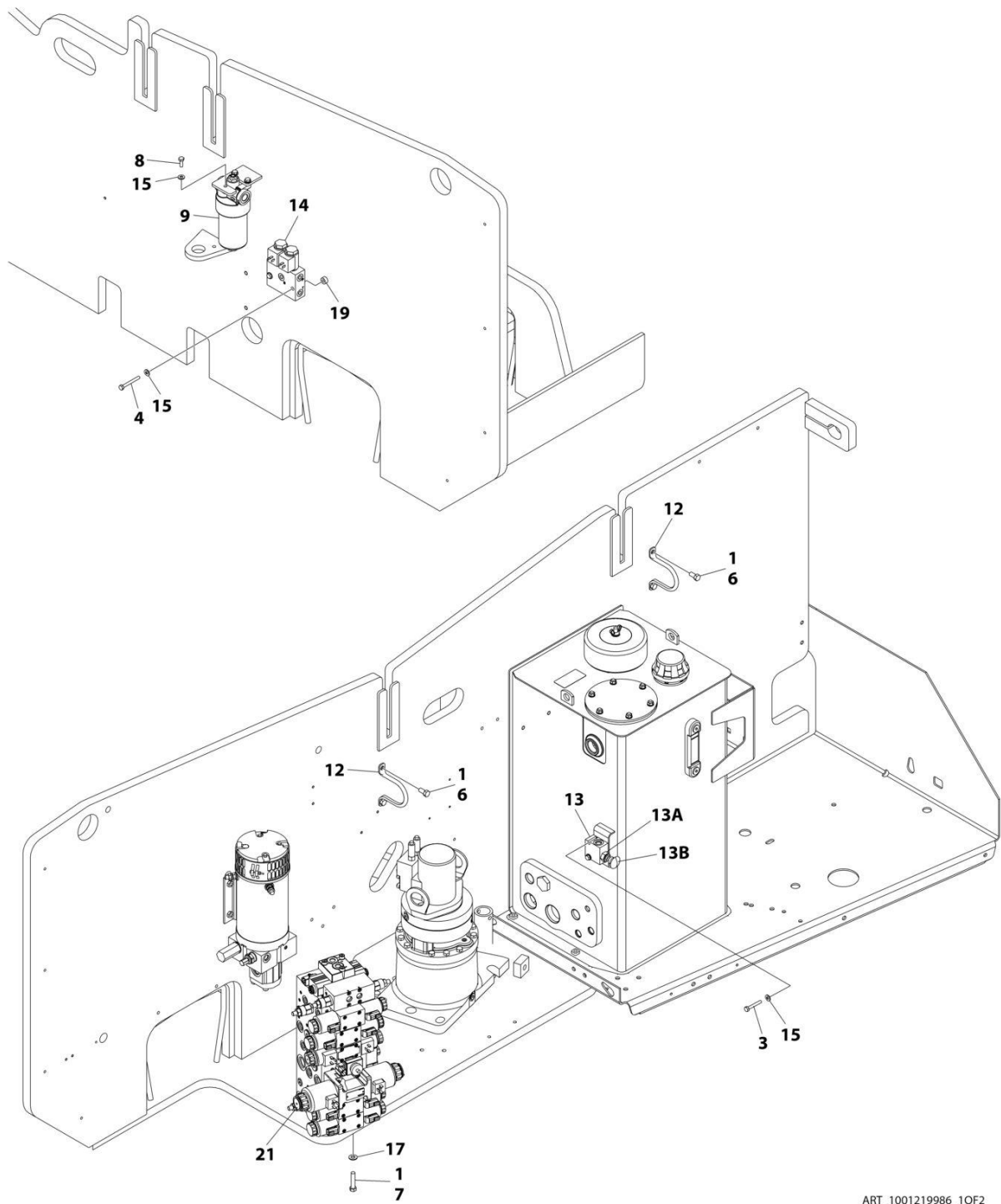
SECTION 2 - TURNTABLE

FIGURE 2-1. CONTROL VALVES INSTALLATION - WITH 2WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219985	Ref	BOOM VALVES INSTALLATION	B
1	0100011	AR	Compound, Locking	
3	0641414	2	Bolt 1/4 x 1-3/4	
4	0641418	4	Bolt 1/4 x 2-1/4	
6	0641606	4	Bolt 3/8 x 3/4	
7	0641614	3	Bolt 3/8 x 1-3/4	
8	0651406	3	Bolt 1/4 x 3/4	
9	2120209	1	Pressure Filter Assembly	
9	2120210	1	Element, Filter	
12	3841340	2	Loop, Hose	
13	4640866	1	Level Valve Assembly	
13A	7017466	1	Cartridge	
13A	2900708	1	Seal Kit	
13B	7012959	1	Knob	
14	4641317	1	Brake/2 Speed Valve Assembly	
14	7012944	1	Coil	
14	7012941	1	Cartridge without Coil	
14	7010543	1	Seal Kit- 7012941 Cartridge (1 Per Cartridge)	
15	4711400	11	Washer 1/4	
17	4711600	3	Washer 3/8	
19	1001110425	2	Spacer	
21	1001228170	1	Main Valve Assembly (See Separate Breakdown in this Section)	

SECTION 2 - TURNTABLE

FIGURE 2-2. CONTROL VALVES INSTALLATION - WITH 4WS



ART_1001219986_10F2

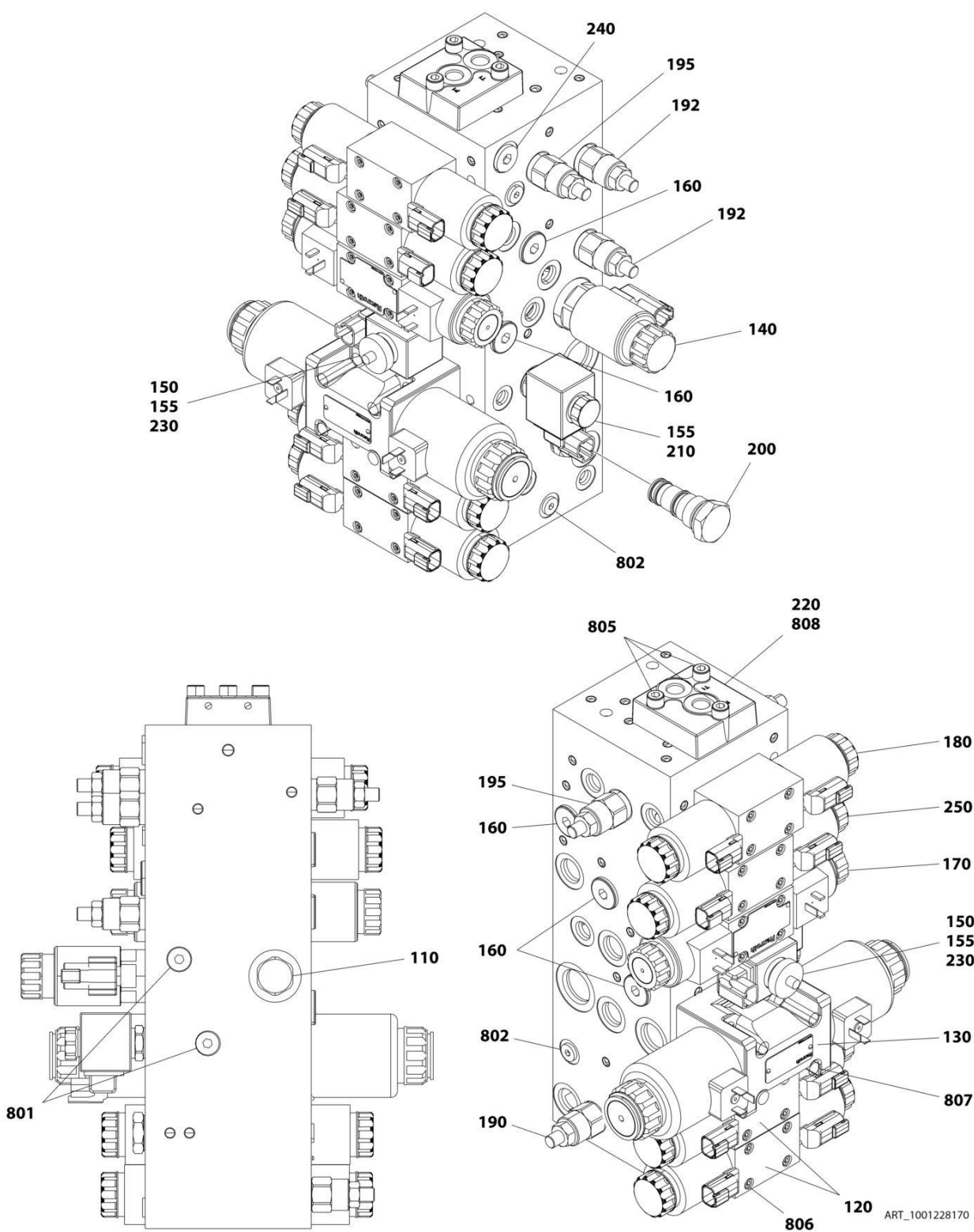
SECTION 2 - TURNTABLE

FIGURE 2-2. CONTROL VALVES INSTALLATION - WITH 4WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219986	Ref	VALVES INSTALLATION	B
1	0100011	AR	Compound, Locking	
3	0641414	2	Bolt 1/4 x 1-3/4	
4	0641418	4	Bolt 1/4 x 2-1/4	
6	0641606	4	Bolt 3/8 x 3/4	
7	0641614	3	Bolt 3/8 x 1-3/4	
8	0651406	3	Bolt 1/4 x 3/4	
9	2120209	1	Pressure Filter Assembly	
9	2120210	1	Element, Filter	
12	3841340	2	Loop, Hose	
13	4640866	1	Level Valve Assembly	
13A	7017466	1	Cartridge	
13A	2900708	1	Seal Kit	
13B	7012959	1	Knob	
14	4641317	1	Brake/2 Speed Valve Assembly	
14	7012944	2	Coil	
14	7012941	2	Cartridge without Coil	
14	7010543	2	Seal Kit- 7012941 Cartridge (1 Per Cartridge)	
15	4711400	11	Washer 1/4	
17	4711600	3	Washer 3/8	
19	1001110425	2	Spacer	
21	1001228171	1	Main Valve Assembly (See Separate Breakdown in this Section)	

SECTION 2 - TURNTABLE

FIGURE 2-3. CONTROL VALVE ASSEMBLY - 2WS MACHINES



SECTION 2 - TURNTABLE

FIGURE 2-3. CONTROL VALVE ASSEMBLY - 2WS MACHINES

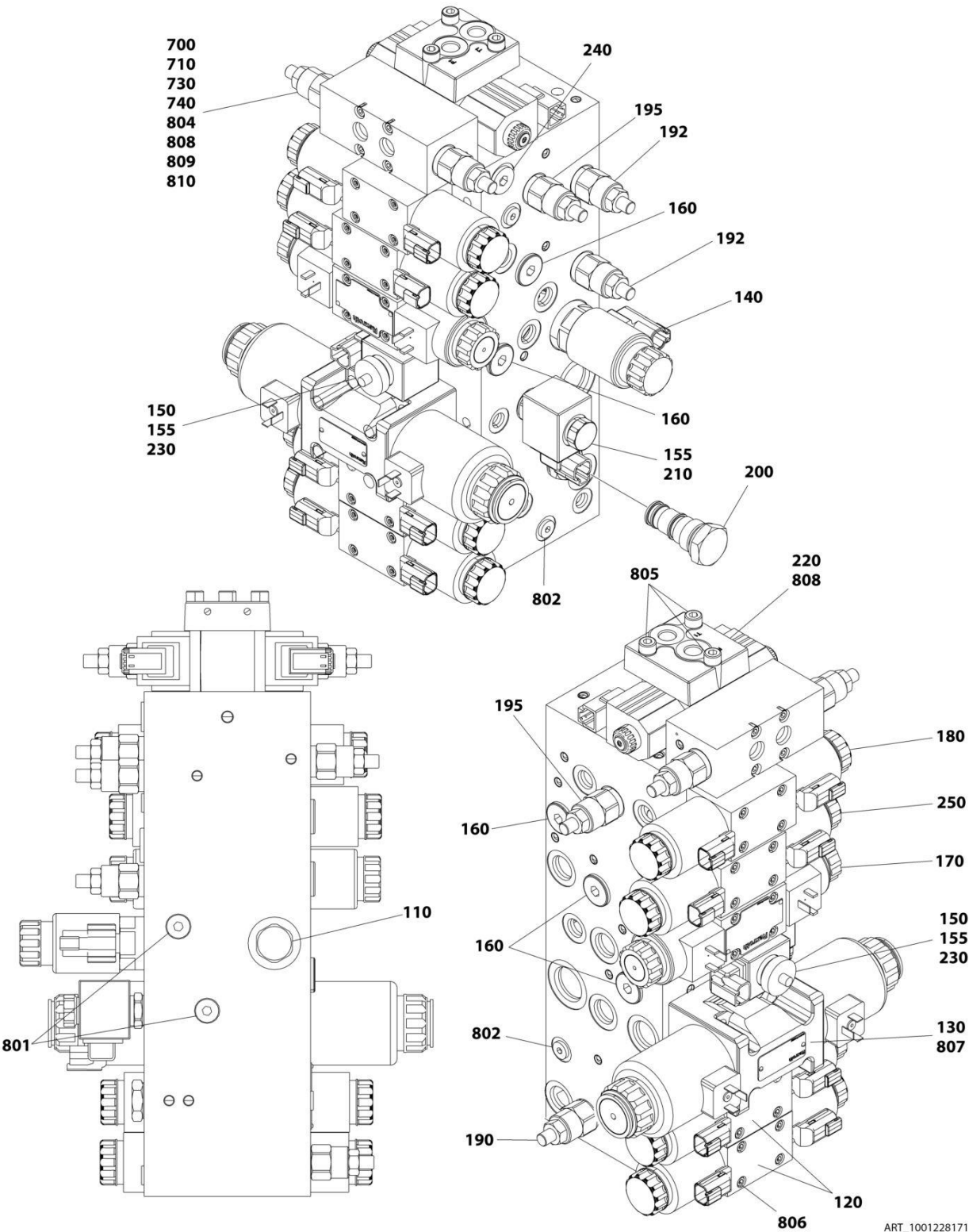
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228170	Ref	MAIN VALVE ASSEMBLY	C
110	70005194	1	Valve, Check Cartridge	
110	70004584	1	Seal Kit - 70005194 Valve	
120	70004459	2	Valve Assembly (Tower Tele and Tower Lift)	
120	7012773	2	Seal Kit - 70004459 Valve	
120	70004460	4	Coil	
120	7021375	4	Nut, Coil	
120	70004461	4	O-Ring, Pole Tube	
130	70006955	1	Valve Assembly (Upper Tele)	
130	70006957	1	Seal Kit - 70006955 Valve	
130	70006956	2	Coil	
140	70004657	1	Valve, Cartridge (Flow Control)	
140	70004594	1	Seal Kit - 70004657 Valve	
140	70004595	1	Coil	
140	70004596	1	O-Ring, Pole Tube	
140	70004597	1	Nut, Coil	
150	70004598	1	Valve, Cartridge Less Coil (Steer Dump)	
150	70004055	1	Seal Kit - 70004598 Valve	
155	70004653	2	Coil	
155	70004051	2	Nut, Coil	
160	70023859	5	Valve, Shuffle Cartridge	
160	70023860	5	Seal Kit - 70023859 Valve	
170	7018992	1	Valve Assembly (Upper Lift)	
170	7024021	1	Seal Kit - 7018992 Valve	
170	7018991	2	Coil	
170	7021375	2	Nut, Coil	
170	70004461	2	O-Ring, Pole Tube	
180	70005195	1	Valve Assembly (Front Steer)	
180	7012773	1	Seal Kit - 70005195 Valve	
180	70004463	2	Coil	
180	7021375	2	Nut, Coil	
180	70004461	2	O-Ring, Pole Tube	
190	70003019	1	Valve, Relief Catridge (was PN 70006959)	
190	See Note	NSS	Seal Kit - Valve (Note: Not Available for Purchase)	
192	70003019	1	Valve, Relief Catridge (was PN 70006960)	
192	See Note	NSS	Seal Kit - Valve (Note: Not Available for Purchase)	
195	70003019	1	Valve, Relief Catridge (was PN 70006958)	
195	See Note	NSS	Seal Kit - Valve (Note: Not Available for Purchase)	
200	70004665	1	Valve, Check - Catridge	
200	70023862	1	Seal Kit - 70004665 Valve	
210	70004457	1	Valve, Cartridge Less Coil (Main Dump)	
210	70004050	1	Seal Kit - 70004665 Valve	
210	70004653	1	Coil	
220	70004667	1	Cover	
230	70005196	1	Orifice .118	
240	70005197	1	Plug (2WS)	
240	70004052	1	Seal Kit - 70005197 Plug	
250	70005198	1	Valve Assembly (Swing)	
250	70006961	1	Seal Kit - 70005198 Valve	
250	70004463	2	Coil	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
250	7021375	2	Nut, Coil	
250	70004461	2	O-Ring, Pole Tube	
801	70005199	2	Plug	
802	70005200	4	Plug	
805	70005201	3	Capscrew	
806	7018942	20	Capscrew	
807	7018951	4	Capscrew	
808	70005202	2	O-Ring	

SECTION 2 - TURNTABLE

FIGURE 2-4. CONTROL VALVE ASSEMBLY - 4WS MACHINES



ART_1001228171

SECTION 2 - TURNTABLE

FIGURE 2-4. CONTROL VALVE ASSEMBLY - 4WS MACHINES

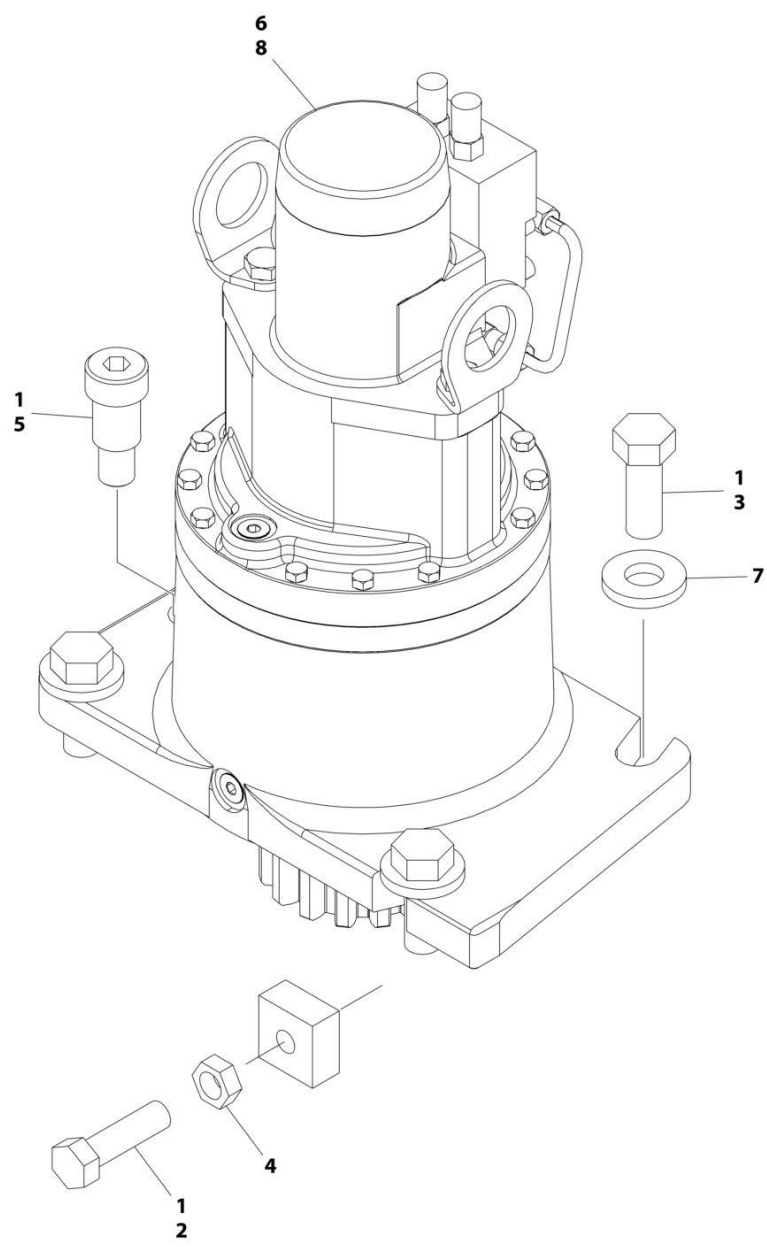
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228171	Ref	MAIN VALVE ASSEMBLY	C
110	70005194	1	Valve, Check Cartridge	
110	70004584	1	Seal Kit - 70005194 Valve	
120	70004459	2	Valve Assembly (Tower Tele and Tower Lift)	
120	7012773	2	Seal Kit - 70004459 Valve	
120	70004460	4	Coil	
120	7021375	4	Nut, Coil	
120	70004461	4	O-Ring, Pole Tube	
130	70006955	1	Valve Assembly (Upper Tele)	
130	70006957	1	Seal Kit - 70006955 Valve	
130	70006956	2	Coil	
140	70004657	1	Valve, Cartridge (Flow Control)	
140	70004594	1	Seal Kit - 70004657 Valve	
140	70004595	1	Coil	
140	70004596	1	O-Ring, Pole Tube	
140	70004597	1	Nut, Coil	
150	70004598	1	Valve, Cartridge Less Coil (Steer Dump)	
150	70004055	1	Seal Kit - 70004598 Valve	
155	70004653	2	Coil	
155	70004051	2	Nut, Coil	
160	70023859	5	Valve, Shuffle Cartridge	
160	70023860	5	Seal Kit - 70023859 Valve	
170	7018992	1	Valve Assembly (Upper Lift)	
170	7024021	1	Seal Kit - 7018992 Valve	
170	7018991	2	Coil	
170	7021375	2	Nut, Coil	
170	70004461	2	O-Ring, Pole Tube	
180	70005195	1	Valve Assembly (Front Steer)	
180	7012773	1	Seal Kit - 70005195 Valve	
180	70004463	2	Coil	
180	7021375	2	Nut, Coil	
180	70004461	2	O-Ring, Pole Tube	
190	70006959	1	Valve, Relief Cartridge	
190	See Note	NSS	Seal Kit - 70006959 Valve (Note: Not Available for Purchase)	
192	70006960	2	Valve, Relief Cartridge	
192	See Note	NSS	Seal Kit - 70006960 Valve (Note: Not Available for Purchase)	
195	70006962	2	Valve, Relief Cartridge	
195	See Note	NSS	Seal Kit - 70006958 Valve (Note: Not Available for Purchase)	
200	70004665	1	Valve, Check - Cartridge	
200	70023862	1	Seal Kit - 70004665 Valve	
210	70004457	1	Valve, Cartridge Less Coil (Main Dump)	
210	70004050	1	Seal Kit - 70004665 Valve	
210	70004653	1	Coil	
220	70004667	1	Cover	
230	70005196	1	Orifice .118	
240	70004670	1	Blocking Plug	
250	70005198	1	Valve Assembly (Swing)	
250	70006961	1	Seal Kit - 70005198 Valve	
250	70004463	2	Coil	
250	7021375	2	Nut, Coil	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
250	70004461	2	O-Ring, Pole Tube	
700	70004671	1	Valve Assembly (Rear Steer)	
710	70004673	2	Coil	
730	70006963	2	Valve, Relief Cartridge	
740	70005232	4	Capscrew	
801	70005199	2	Plug	
802	70005200	4	Plug	
805	70005201	3	Capscrew	
806	7018942	20	Capscrew	
807	7018951	4	Capscrew	
808	70005202	2	O-Ring	
809	91474405	2	O-Ring	
810	70021202	1	Bolt Kit	

SECTION 2 - TURNTABLE

FIGURE 2-5. SWING DRIVE INSTALLATION



ART_1001156136_B

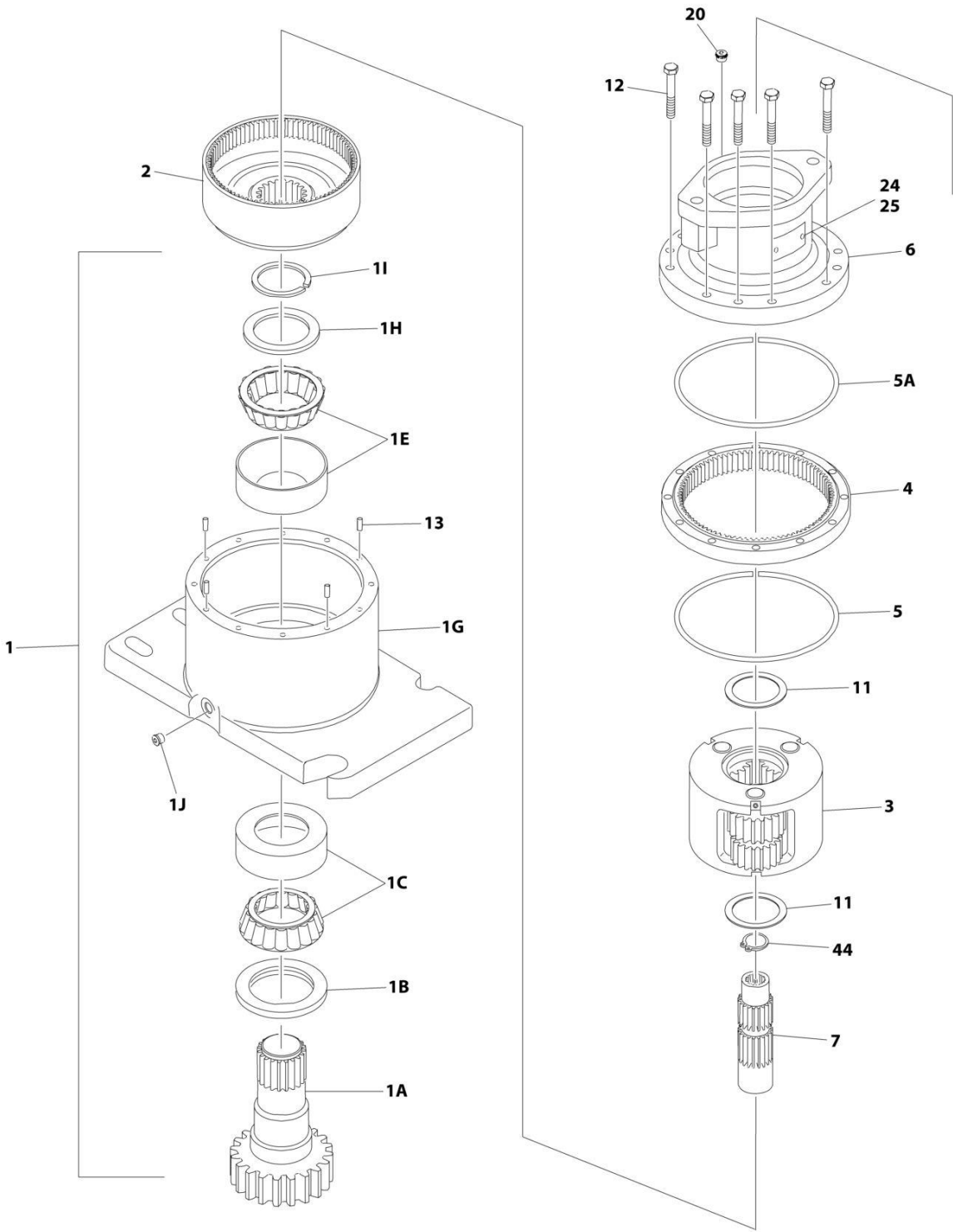
SECTION 2 - TURNTABLE

FIGURE 2-5. SWING DRIVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001156136	Ref	SWING DRIVE INSTALLATION	B
1	0100019	AR	Compound, Locking	
2	3952020	1	Setscrew 5/8 x 2-1/2	
3	0682216	4	Bolt 3/4 x 2 Grade 8	
4	3312002	1	Nut 5/8	
5	3900293	1	Screw 1 x 1-1/4	
6	1001125492	1	Shim	
7	4740057	4	Washer	
8	1001229810	1	Swing Motor/Hub Assembly (See Separate Breakdown in this Section)	

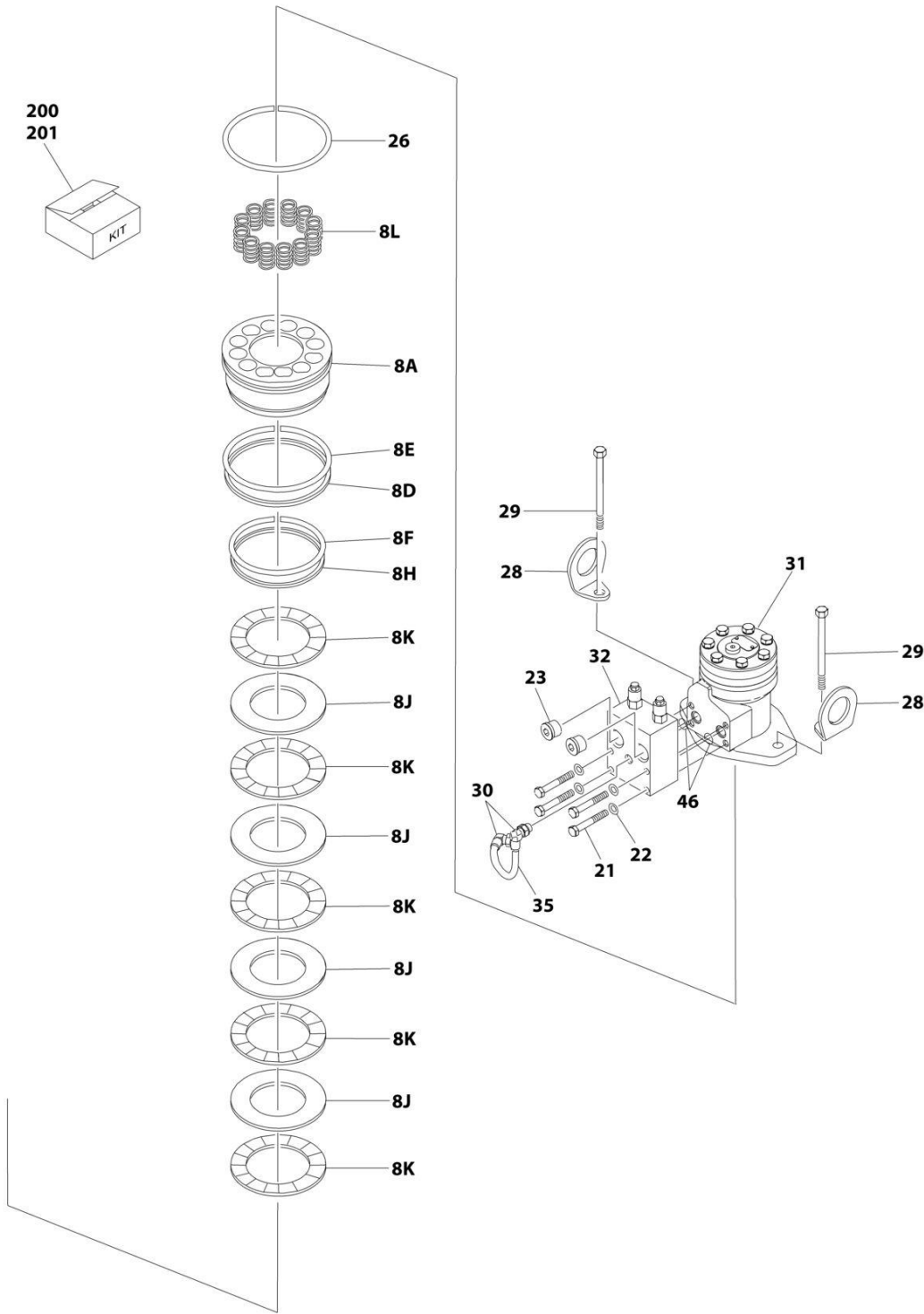
SECTION 2 - TURNTABLE

FIGURE 2-6. SWING MOTOR/HUB ASSEMBLY



ART_1001229810_10F2

SECTION 2 - TURNTABLE



ART_1001229810_20F2

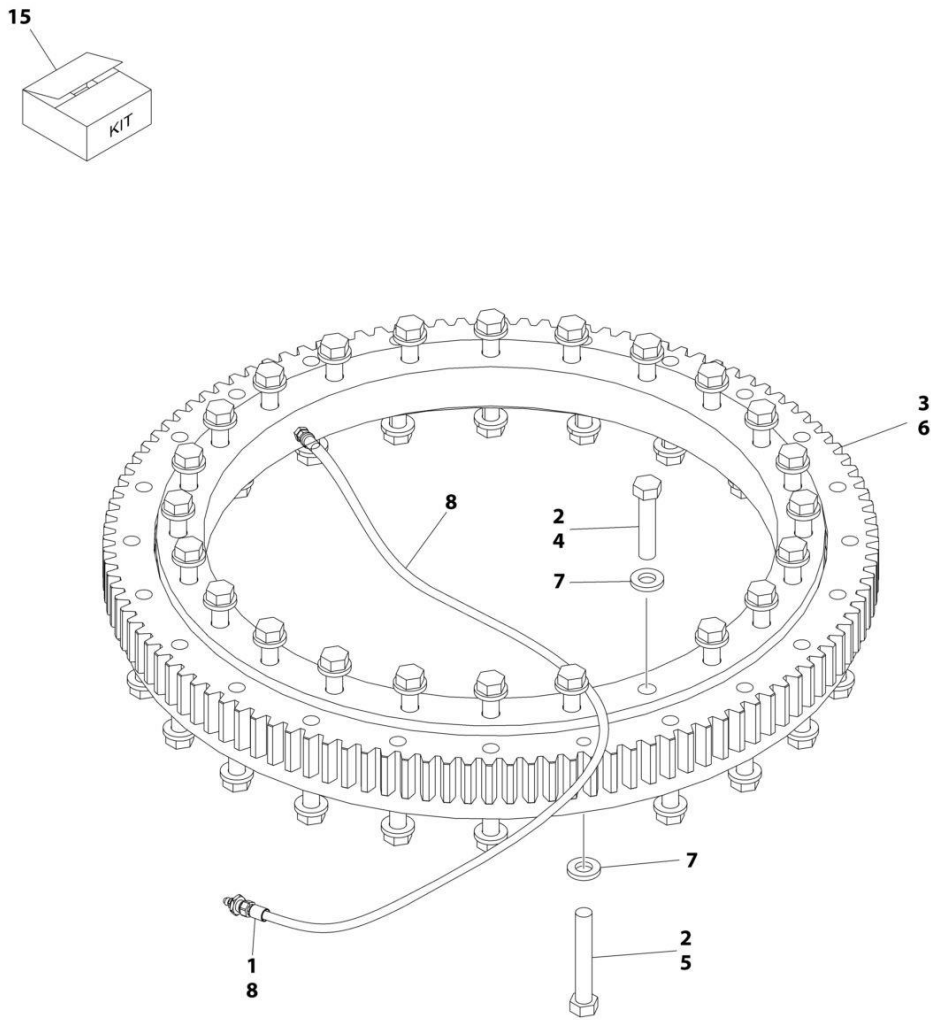
SECTION 2 - TURNTABLE

FIGURE 2-6. SWING MOTOR/HUB ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229810	Ref	SWING MOTOR/HUB ASSEMBLY	C
1	See Note	1	Housing/Shaft Assembly (Note: Not Available - Purchase Individual Components)	
1A	7010492	1	Shaft, Output	
1B	7000228	1	Seal, Lip	
1C	7000255	1	Bearing Kit (Includes Cup and Cone)	
1E	7000257	1	Bearing Kit (Includes Cup and Cone)	
1G	7024762	1	Housing	
1H	7007633	1	Washer, Thrust	
1I	7000229	1	Ring, Retaining	
1J	7017072	1	Plug, Pipe	
2	7000246	1	Gear, Internal	
3	7000247	1	Carrier Assembly	
4	7000248	1	Gear, Ring	
5	7000230	1	O-Ring	
5A	7017070	1	O-Ring	
6	1001229810	NSS	Housing, Brake (Note: Not Available - Purchase Complete Assembly)	
7	70005203	1	Gear, Sun	
8A	70004037	1	Piston	
8D	70004041	1	O-Ring	
8E	70004044	1	Ring, Back-up	
8F	70004042	1	O-Ring	
8H	70004043	1	Ring, Back-up	
8J	70002085	4	Disc, Rotor	
8K	70002085	5	Disc, Stator	
8L	70002066	14	Spring	
11	7000253	2	Washer, Thrust	
12	7000217	12	Bolt 3/8 x 2-1/4 Grade 8	
13	7017080	4	Pin, Dowel	
20	7017072	1	Plug, Pipe	
21	7024704	4	Bolt 5/16 x 2 Grade 8	
22	70004045	4	Washer	
23	7017023	2	Plug, Pipe	
24	See Note	NSS	Plate, ID (Note: Not Available for Purchase)	
25	See Note	NSS	Rivet (Note: Not Available for Purchase)	
26	7024763	1	O-Ring	
28	See Note	NSS	Lug, Lifting (Note: Not Available for Purchase)	
29	70004040	2	Bolt 1/2 x 1 (Grade 8)	
30	7017085	2	Elbow	
31	70006304	1	Motor Assembly	
32	7024784	1	Valve Assembly - Complete (No Serviceable Parts)	
35	70004047	1	Tube	
44	7017028	1	Ring, Internal Retaining	
45	7000213	2	O-Ring	
		Ref	KIT OPTIONS:	
200	7024100	1	Seal Kit - Swing Hub (Includes Items 1B, 1I, 5, 5A & 11)	
201	70002085	1	Disc Kit - Swing Brake (Includes Items 8J & 8K)	

SECTION 2 - TURNTABLE

FIGURE 2-7. TURNTABLE BEARING INSTALLATION



ART_1001157049

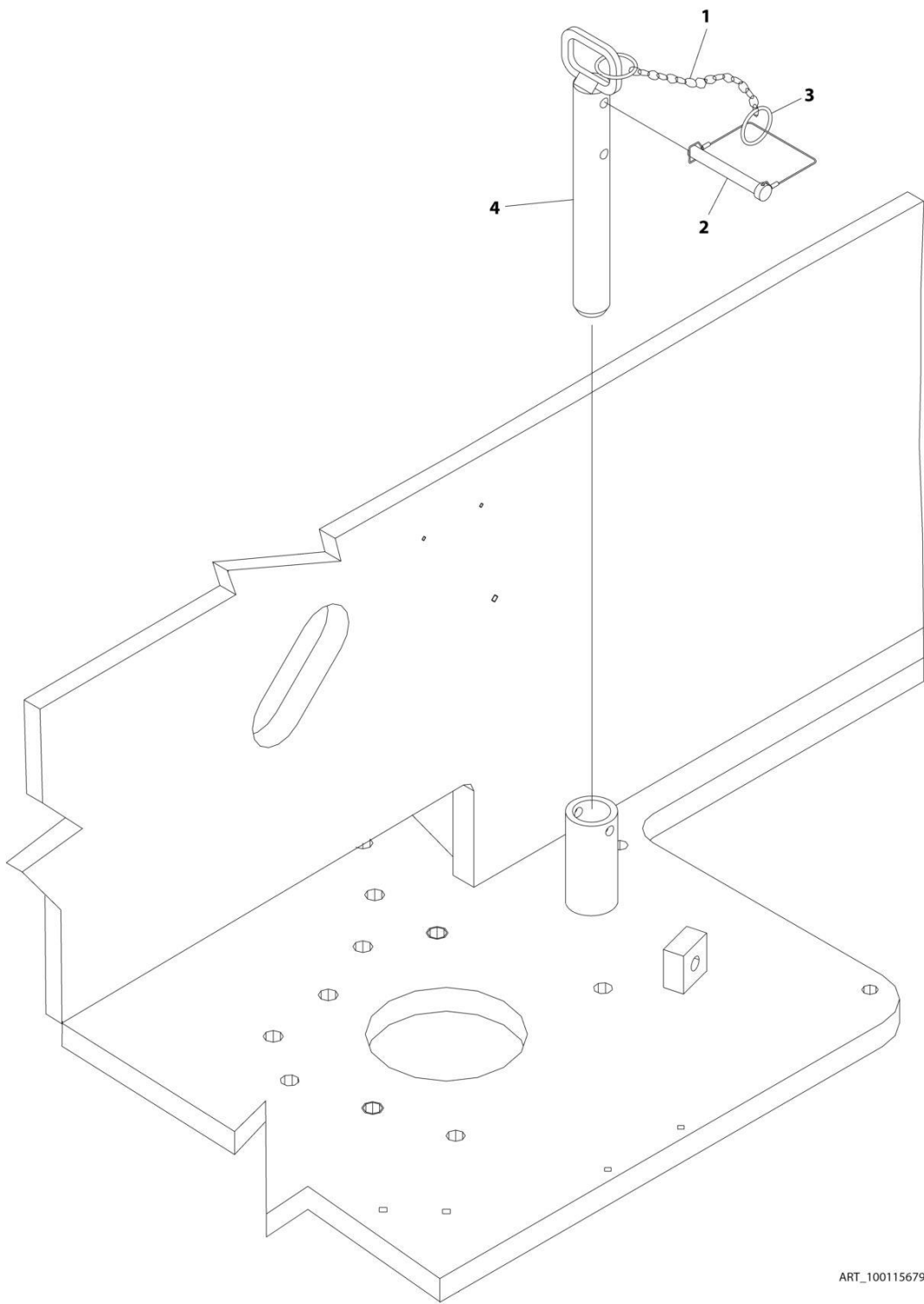
SECTION 2 - TURNTABLE

FIGURE 2-7. TURNTABLE BEARING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001157049	Ref	TURNTABLE BEARING AND LUBE INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0440244	1	Bearing, Turntable	
4	0682023	24	Bolt 5/8 x 2-7/8 Grade 8	
5	0682032	24	Bolt 5/8 x 4 Grade 8	
6	3020029	AR	Lubricant	
7	4892000	48	Washer 5/8	
8	1001157058	1	Hose	
15	2915094	1	Turntable Bearing Kit	

SECTION 2 - TURNTABLE

FIGURE 2-8. TURNTABLE LOCK INSTALLATION



ART_1001156798

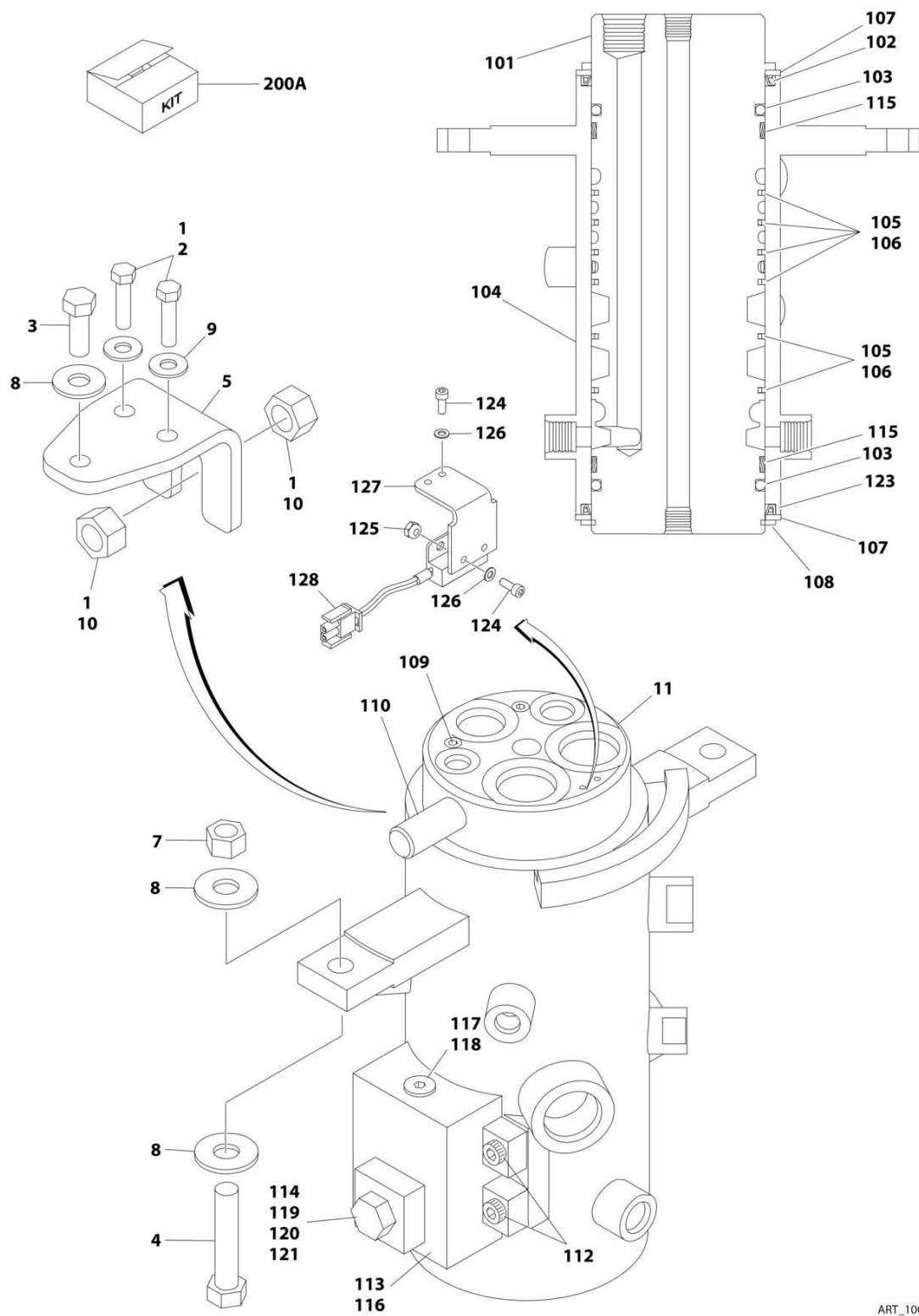
SECTION 2 - TURNTABLE

FIGURE 2-8. TURNTABLE LOCK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001156798	Ref	TURNTABLE LOCK INSTALLATION	A
1	1260017	9 in/23cm	Chain	
2	3421565	1	Pin, Snap	
3	3760170	2	Ring, Quick Release	
4	4844958	1	Pin	

SECTION 2 - TURNTABLE

FIGURE 2-9. ROTARY COUPLING INSTALLATION - 2WS MACHINES



ART_1001107529

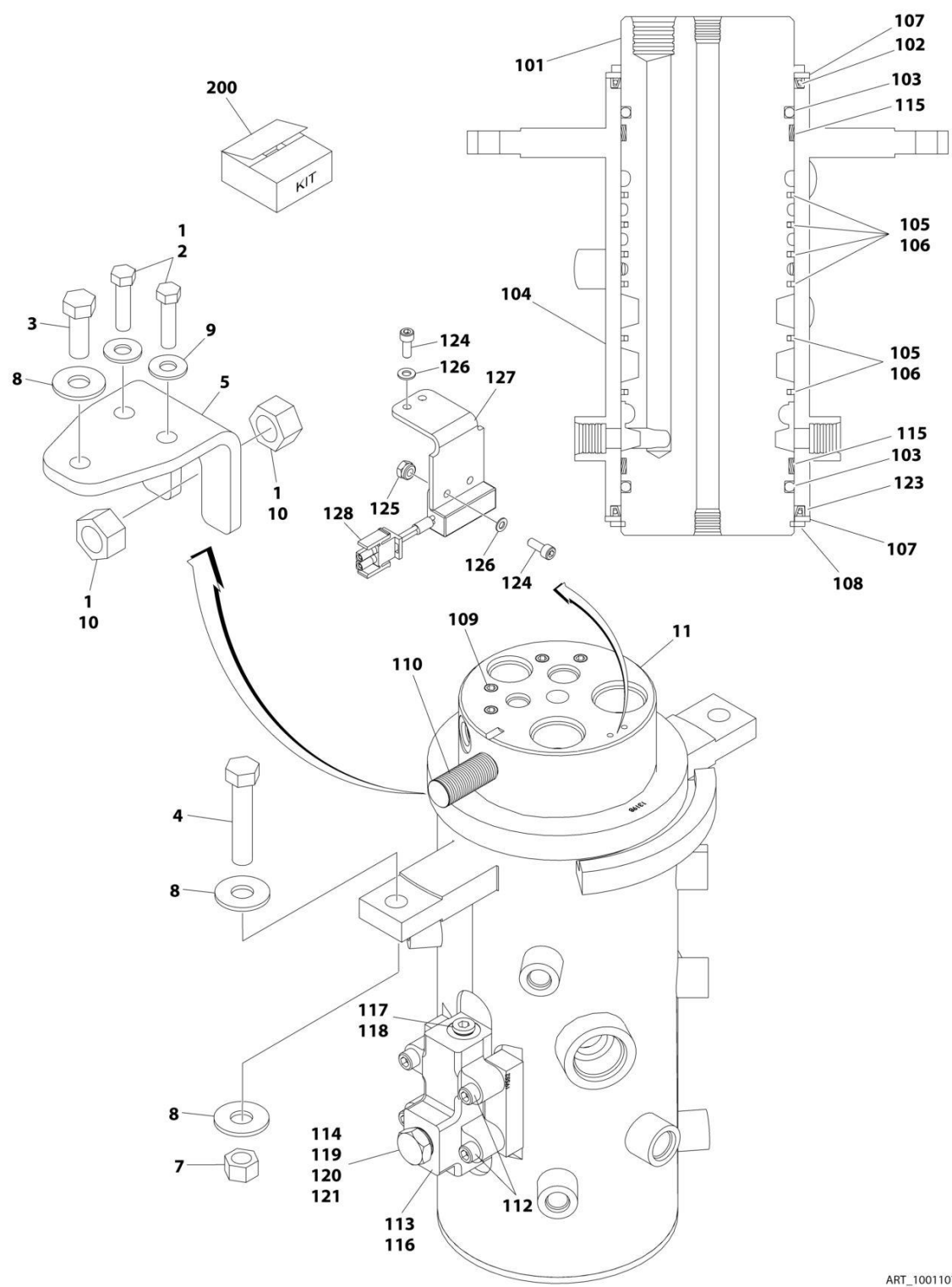
SECTION 2 - TURNTABLE

FIGURE 2-9. ROTARY COUPLING INSTALLATION - 2WS MACHINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001107529	Ref	ROTARY COUPLING INSTALLATION	B
1	0100011	AR	Compound, Locking	B
2	0641611	2	Bolt 3/8 x 1-3/8	
3	0641812	1	Bolt 1/2 x 1-1/2	
4	0641820	2	Bolt 1/2 x 2-1/2	
5	0903242	1	Bracket	
7	3271805	2	Nut 1/2	
8	4751800	5	Washer 1/2	
9	4891600	2	Washer 3/8	
10	3322201	2	Nut 3/4	
11	1001106974	1	Coupling, Rotary Assembly (See Items 101-128 for Breakdown)	
	1001106974	Ref	ROTARY COUPLING ASSEMBLY	B
101	See Note	NSS	Body (Note: Not Available - Purchase Complete Assembly)	
102	See Note	NSS	Seal (Note: Use Item 200A)	
103	See Note	NSS	O-Ring (Note: Use Item 200A)	
104	See Note	NSS	Housing (Note: Not Available - Purchase Complete Assembly)	
105	See Note	NSS	Seal, Cap (Note: Use Item 200A)	
106	See Note	NSS	O-Ring (Note: Use Item 200A)	
107	7026503	2	Ring	
108	7026504	1	Ring, Retaining	
109	80934561	AR	Plug	
110	See Note	NSS	Lug, Torque (Note: Not Available for Purchase)	
112	7026197	4	Bolt 5/16 x 1-1/4	
113	See Note	NSS	O-Ring (Note: Use Item 200A)	
114	See Note	NSS	O-Ring (Note: Use Item 200A)	
115	See Note	NSS	Bearing (Note: Use Item 200A)	
116	7024404	1	Block Valve Assembly	
117	7026505	1	Plug	
118	7026506	1	Valve, Check	
119	7026507	1	Plug	
120	See Note	NSS	Plunger, Valve (Note: Use p/n 7024404)	
121	7026509	1	Spring, Compression	
123	See Note	NSS	Seal (Note: Use Item 200A)	
124	See Note	NSS	Capscrew #10 x 1/2 (Note: Not Available for Purchase)	
125	See Note	NSS	Nut #10 (Note: Not Available for Purchase)	
126	See Note	NSS	Flatwasher #10 (Note: Not Available for Purchase)	
127	70003454	1	Bracket, Switch Mounting	
128	4360517	1	Switch, Proximity	
200A	70001248	1	Seal Kit (Includes Items 102, 103, 105, 106, 113, 114, 115 & 123)	

SECTION 2 - TURNTABLE

FIGURE 2-10. ROTARY COUPLING INSTALLATION - 4WS MACHINES



ART_1001107530

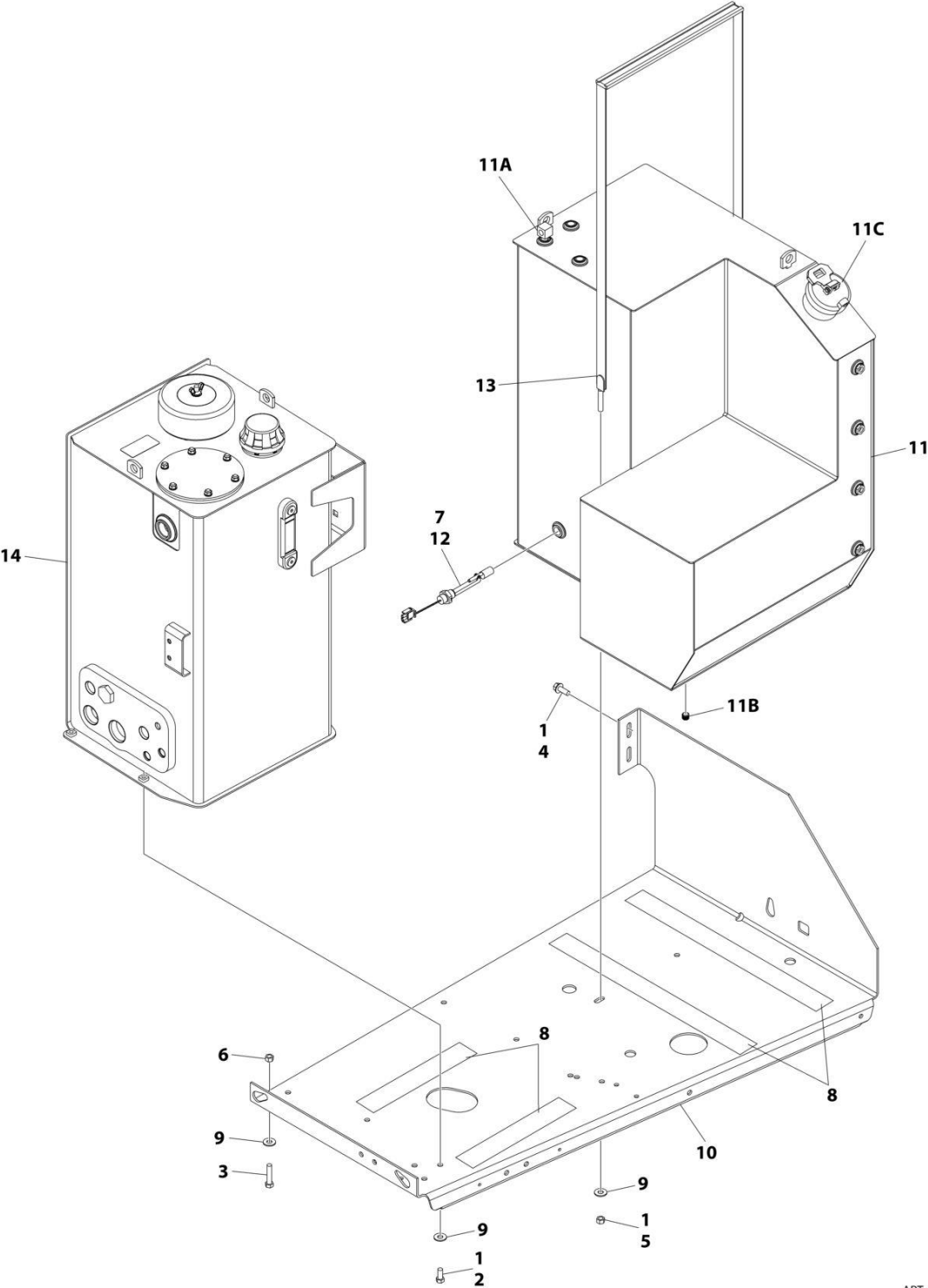
SECTION 2 - TURNTABLE

FIGURE 2-10. ROTARY COUPLING INSTALLATION - 4WS MACHINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001107530	Ref	ROTARY COUPLING INSTALLATION	B
1	0100011	AR	Compound, Locking	B
2	0641611	2	Bolt 3/8 x 1-3/8	
3	0641812	1	Bolt 1/2 x 1-1/2	
4	0641820	2	Bolt 1/2 x 2-1/2	
5	0903242	1	Bracket	
7	3271805	2	Nut 1/2	
8	4751800	5	Washer 1/2	
9	4891600	2	Washer 3/8	
10	3322201	2	Nut 3/4	
11	1001106975	1	Rotary Coupling Assembly (See Items 101-128 for Breakdown)	
	1001106975	1	ROTARY COUPLING ASSEMBLY	
101	See Note	NSS	Body (Note: Not Available - Purchase Complete Assembly)	
102	See Note	NSS	Seal (Note: Use Item 200A)	
103	See Note	NSS	O-Ring (Note: Use Item 200A)	
104	See Note	NSS	Housing (Note: Not Available - Purchase Complete Assembly)	
105	See Note	NSS	Seal, Cap (Note: Use Item 200A)	
106	See Note	NSS	O-Ring (Note: Use Item 200A)	
107	7026503	2	Ring	
108	7026504	1	Ring, Retaining	
109	80934561	AR	Plug	
110	See Note	NSS	Lug, Torque (Note: Not Available for Purchase)	
112	7026197	4	Bolt 5/16 x 1-1/4	
113	See Note	NSS	O-Ring (Note: Use Item 200A)	
114	See Note	NSS	O-Ring (Note: Use Item 200A)	
115	See Note	NSS	Bearing (Note: Use Item 200A)	
116	7024404	1	Block Valve Assembly	
117	7026505	1	Plug	
118	7026506	1	Valve, Check	
119	7026507	1	Plug	
120	See Note	NSS	Plunger, Valve (Note: Use p/n 7024404)	
121	7026509	1	Spring, Compression	
123	See Note	NSS	Seal (Note: Use Item 200A)	
124	See Note	NSS	Capscrew #10 x 1/2 (Note: Not Available for Purchase)	
125	See Note	NSS	Nut #10 (Note: Not Available for Purchase)	
126	See Note	NSS	Flatwasher #10 (Note: Not Available for Purchase)	
127	70003454	1	Bracket, Switch Mounting	
128	4360517	1	Switch, Proximity	
200	70002212	1	Seal Kit (Includes Items 102, 103, 105, 106, 113, 114, 115 & 123)	

SECTION 2 - TURNTABLE

FIGURE 2-11. TANK INSTALLATION - DIESEL MACHINE (25 GAL HYDRAULIC TANK WITH 4 INCH BREATHER) (FUEL TANK WITH SIGHT GLASS)



ART_1001284872

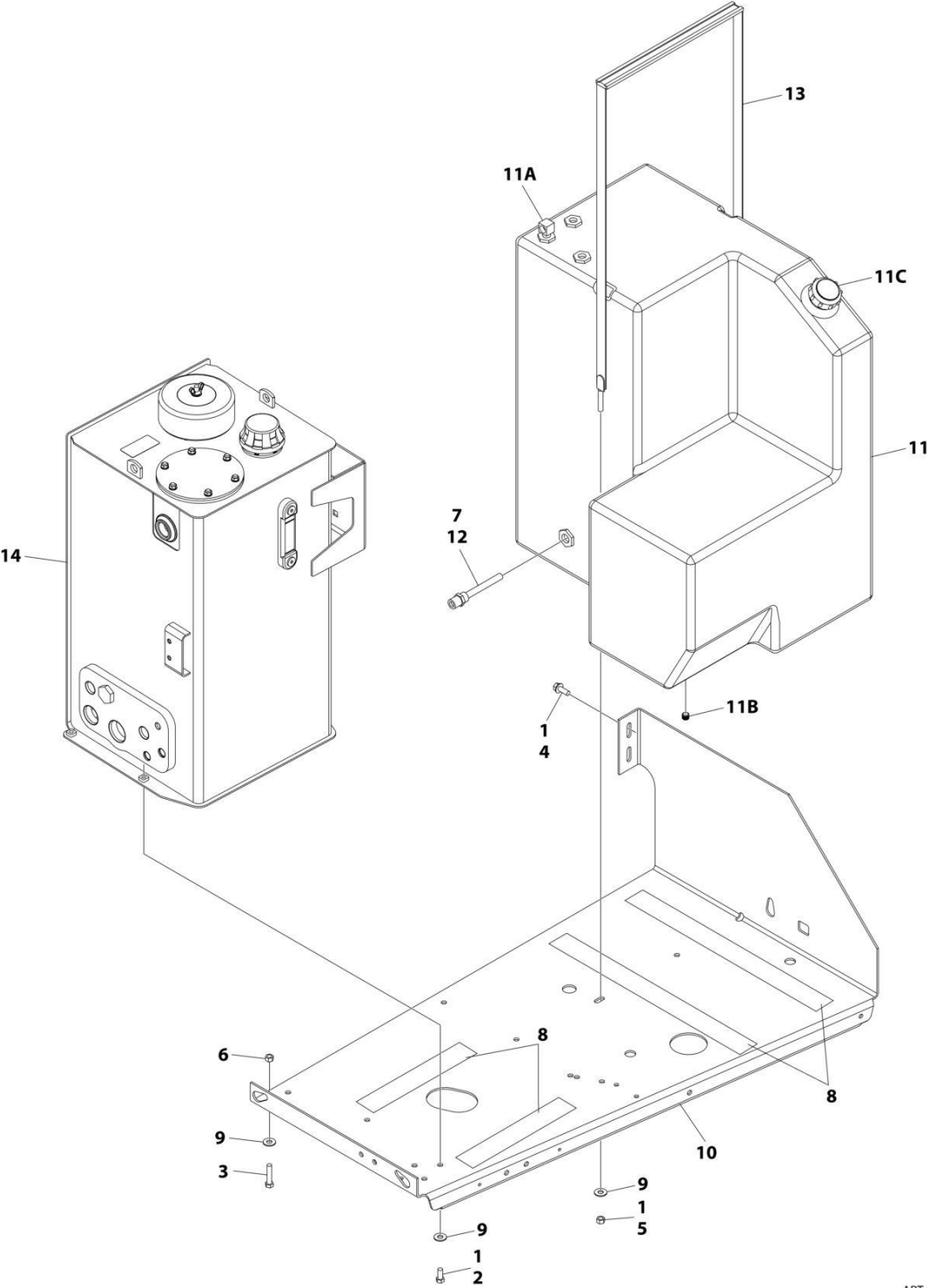
SECTION 2 - TURNTABLE

FIGURE 2-11. TANK INSTALLATION - DIESEL MACHINE (25 GAL HYDRAULIC TANK WITH 4 INCH BREATHER) (FUEL TANK WITH SIGHT GLASS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284872	Ref	TANK INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641607	4	Bolt 3/8 x 7/8	
3	0641614	2	Bolt 3/8 x 1-3/4	
4	0811608	2	Bolt 3/8 x 1	
5	3311601	2	Nut 3/8	
6	3311605	2	Nut 3/8	
7	4360436	1	Switch, Fuel Level	
8	4420038	73 in /1.85m	Tape, Rubber	
9	4751600	8	Washer 3/8	
10	1001156190	1	Tray	
11	1001179040	1	Tank, Fuel (Includes Non-Locking Cap) (Diesel Machines)	
11A	70007508	1	Fitting and Pick-up Tube (Diesel Machines)	
11B	70002112	1	Fitting (Diesel Machines Only)	
11C	1001080707	1	Cap	
12	1001182997	AR	Adhesive	
13	1001231888	1	Strap Assembly (Includes Strap & Protective Strip)	
13	4240113	1	Strap, Tank	
14	1001267678	1	Hydraulic Tank Assembly (See Separate Breakdown in this Section)	

SECTION 2 - TURNTABLE

FIGURE 2-12. TANK INSTALLATION - DIESEL MACHINE (25 GAL HYDRAULIC TANK WITH 4 INCH BREATHER) (FUEL TANK WITHOUT SIGHT GLASS)



ART_1001284873

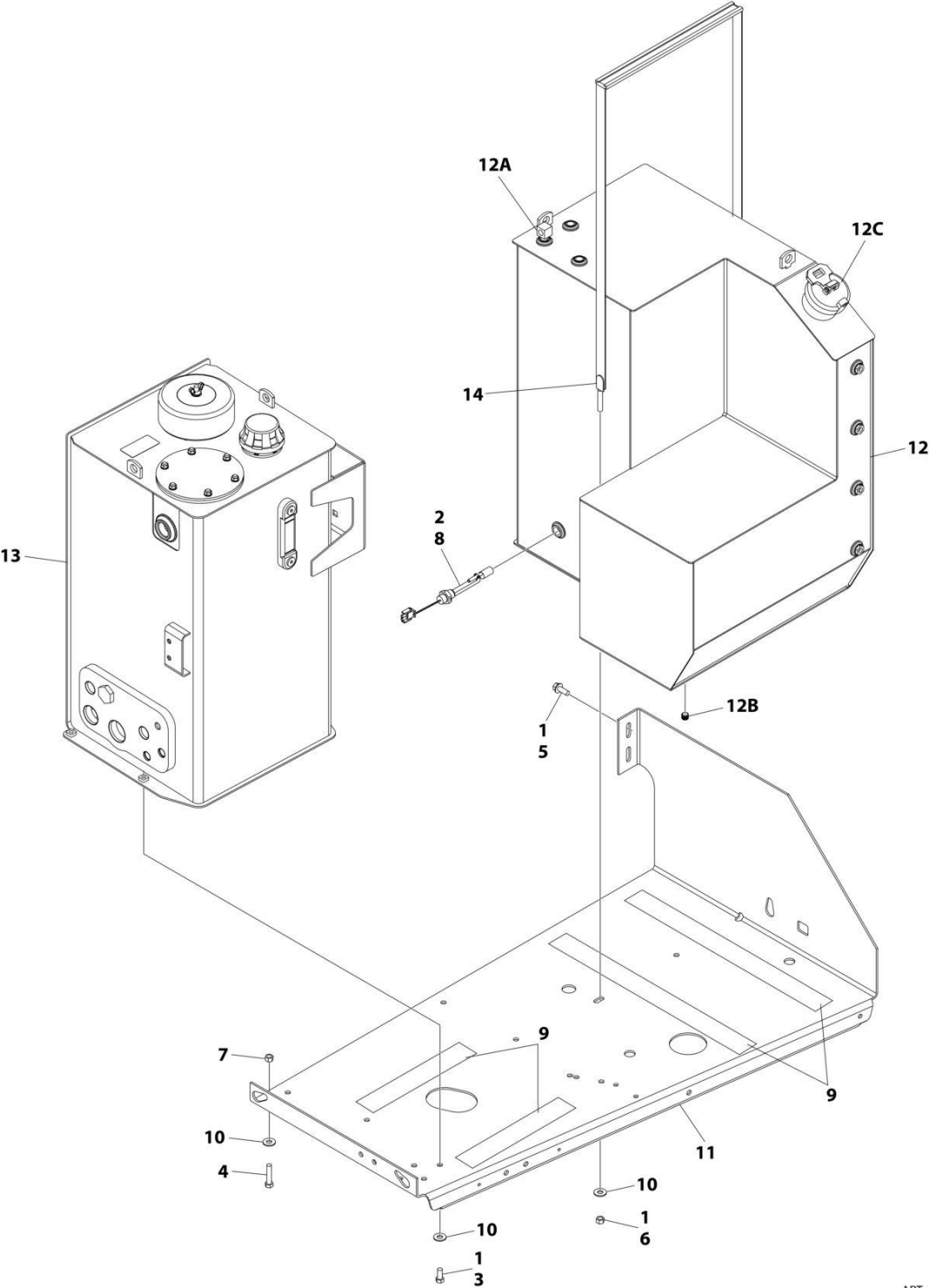
SECTION 2 - TURNTABLE

FIGURE 2-12. TANK INSTALLATION - DIESEL MACHINE (25 GAL HYDRAULIC TANK WITH 4 INCH BREATHER) (FUEL TANK WITHOUT SIGHT GLASS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284873	Ref	TANK INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641607	4	Bolt 3/8 x 7/8	
3	0641614	2	Bolt 3/8 x 1-3/4	
4	0811608	2	Bolt 3/8 x 1	
5	3311601	2	Nut 3/8	
6	3311605	2	Nut 3/8	
7	4360436	1	Switch, Fuel Level	
8	4420038	73 in /1.85m	Tape, Rubber	
9	4751600	8	Washer 3/8	
10	1001156190	1	Tray	
11	1001173897	1	Tank, Fuel (Includes Non-Locking Cap) (Diesel Machines)	
11A	70004184	1	Fitting and Pick-up Tube (Diesel Machines)	
11B	2200222	1	Fitting (Diesel Machines Only)	
11B	0100020	AR	Sealant	
11C	7016314	1	Cap	
12	1001182997	AR	Adhesive	
13	1001231888	1	Strap Assembly (Includes Strap & Protective Strip)	
13	4240113	1	Strap, Tank	
14	1001267678	1	Hydraulic Tank Assembly (See Separate Breakdown in this Section)	

SECTION 2 - TURNTABLE

FIGURE 2-13. TANK INSTALLATION - DIESEL MACHINE (25 GAL HYDRAULIC TANK WITH 6 INCH BREATHER) (FUEL TANK WITH SIGHT GLASS)



ART_1001250643

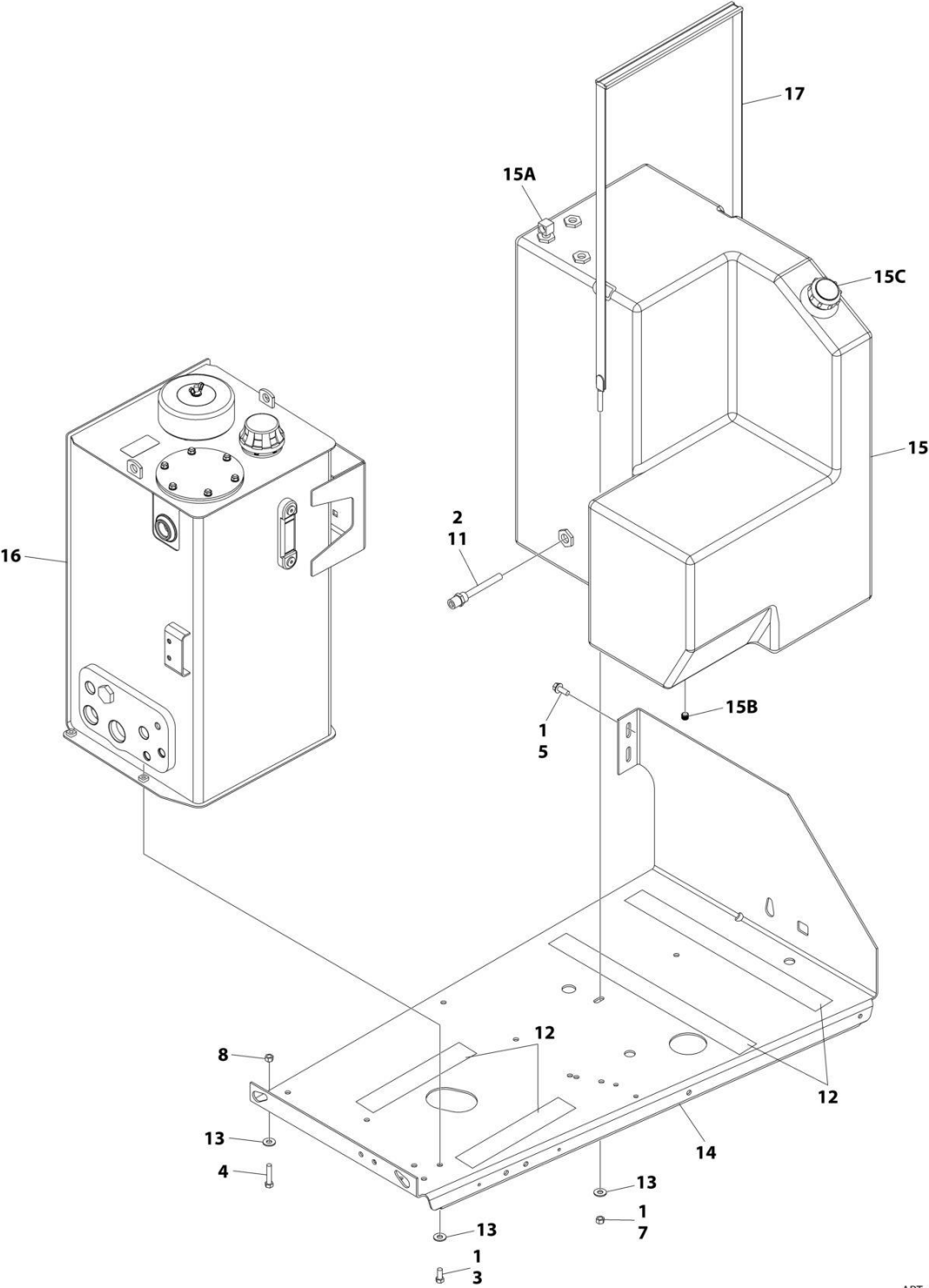
SECTION 2 - TURNTABLE

FIGURE 2-13. TANK INSTALLATION - DIESEL MACHINE (25 GAL HYDRAULIC TANK WITH 6 INCH BREATHER) (FUEL TANK WITH SIGHT GLASS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250643	Ref	TANK INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	1001182997	AR	Adhesive	
3	0641607	4	Bolt 3/8 x 7/8	
4	0641614	2	Bolt 3/8 x 1-3/4	
5	0811608	2	Bolt 3/8 x 1	
6	3311601	2	Nut 3/8	
7	3311605	2	Nut 3/8	
8	4360436	1	Switch, Fuel Level	
9	4420038	73 in /1.85m	Tape, Rubber	
10	4751600	8	Washer 3/8	
11	1001156190	1	Tray	
12	1001179040	1	Tank, Fuel (Includes Non-Locking Cap) (Diesel Machines)	
12A	70007508	1	Fitting and Pick-up Tube (Diesel Machines)	
12B	70002112	1	Fitting (Diesel Machines Only)	
12C	1001080707	1	Cap	
13	1001178057	1	Hydraulic Tank Assembly (See Separate Breakdown in this Section)	
14	1001231888	1	Strap Assembly (Includes Strap & Protective Strip)	
14	4240113	1	Strap, Tank	

SECTION 2 - TURNTABLE

FIGURE 2-14. TANK INSTALLATION - DIESEL MACHINE (25 GAL HYDRAULIC TANK WITH 6 INCH BREATHER) (FUEL TANK WITHOUT SIGHT GLASS)



ART_1001178174

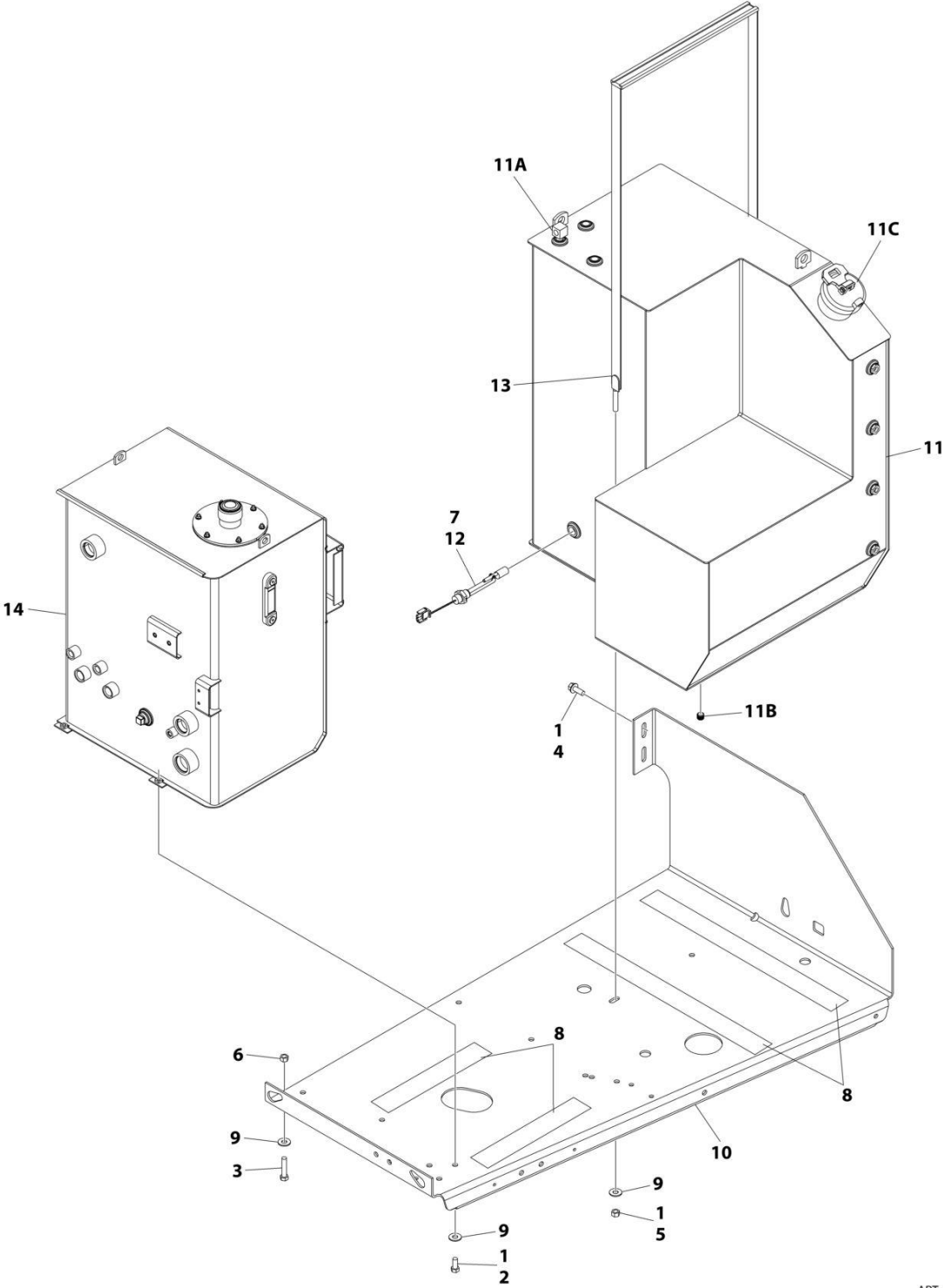
SECTION 2 - TURNTABLE

FIGURE 2-14. TANK INSTALLATION - DIESEL MACHINE (25 GAL HYDRAULIC TANK WITH 6 INCH BREATHER) (FUEL TANK WITHOUT SIGHT GLASS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178174	Ref	TANK INSTALLATION	D
1	0100011	AR	Compound, Locking	
2	1001182997	AR	Adhesive	
3	0641607	4	Bolt 3/8 x 7/8	
4	0641614	2	Bolt 3/8 x 1-3/4	
5	0811608	2	Bolt 3/8 x 1	
7	3311601	2	Nut 3/8	
8	3311605	2	Nut 3/8	
11	4360436	1	Switch, Fuel Level	
12	4420038	73 in /1.85m	Tape, Rubber	
13	4751600	8	Washer 3/8	
14	1001156190	1	Tray	
15	1001173897	1	Tank, Fuel (Includes Non-Locking Cap) (Diesel Machines)	
15A	70004184	1	Fitting and Pick-up Tube (Diesel Machines)	
15B	2200222	1	Fitting (Diesel Machines Only)	
15B	0100020	AR	Sealant	
15C	7016314	1	Cap	
16	1001178057	1	Hydraulic Tank Assembly (See Separate Breakdown in this Section)	
17	1001231888	1	Strap Assembly (Includes Strap & Protective Strip)	
17	4240113	1	Strap, Tank	

SECTION 2 - TURNTABLE

FIGURE 2-15. TANK INSTALLATION - DIESEL MACHINE (48 GAL HYDRAULIC TANK) (FUEL TANK WITH SIGHT GLASS)



ART_1001285834

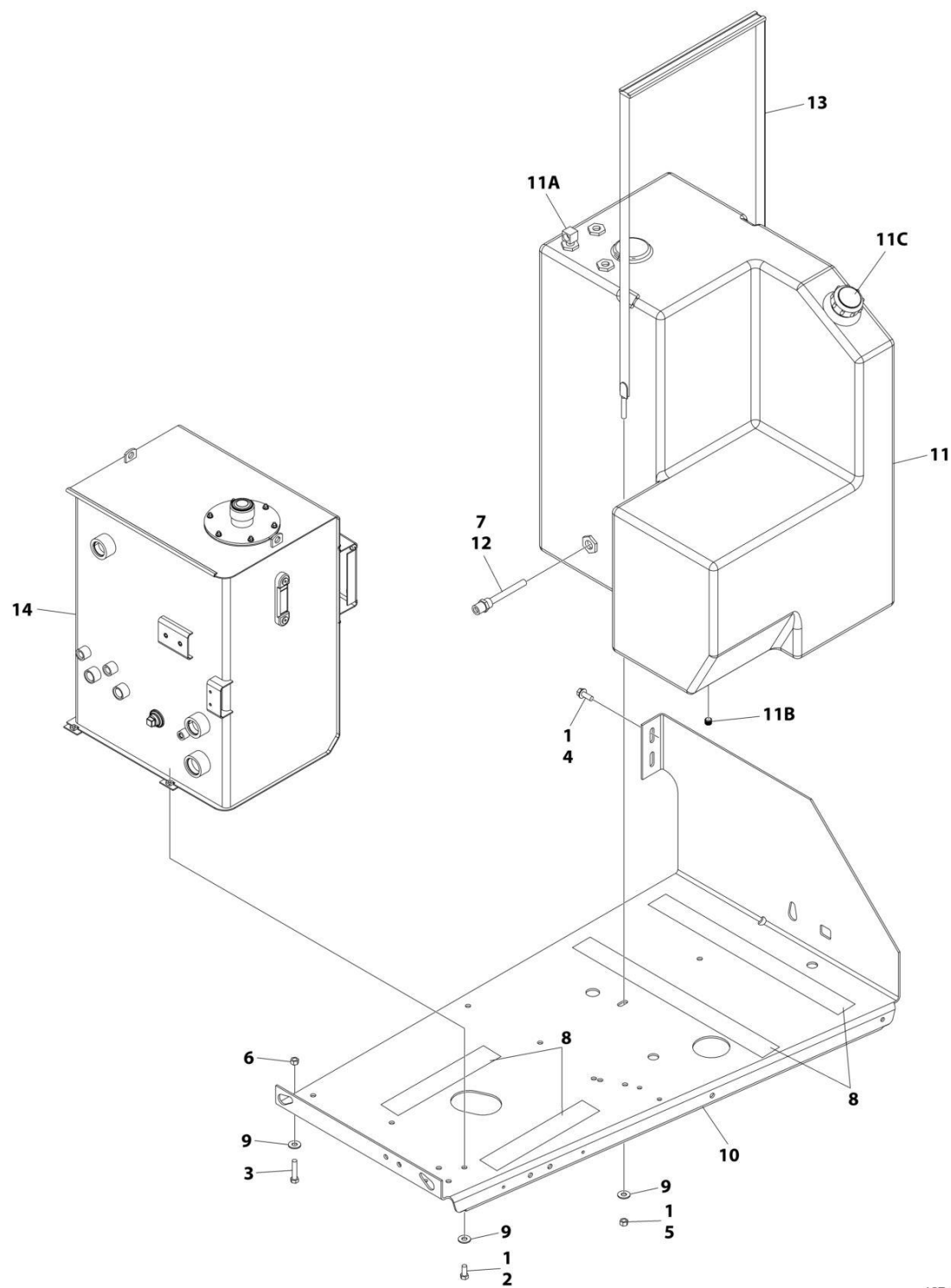
SECTION 2 - TURNTABLE

FIGURE 2-15. TANK INSTALLATION - DIESEL MACHINE (48 GAL HYDRAULIC TANK) (FUEL TANK WITH SIGHT GLASS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001285834	Ref	TANK INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641607	4	Bolt 3/8 x 7/8	
3	0641614	2	Bolt 3/8 x 1-3/4	
4	0811608	2	Bolt 3/8 x 1	
5	3311601	2	Nut 3/8	
6	3311605	2	Nut 3/8	
7	4360436	1	Switch, Fuel Level	
8	4420038	73 in /1.85m	Tape, Rubber	
9	4751600	8	Washer 3/8	
10	1001156190	1	Tray	
11	1001179040	1	Tank, Fuel (Includes Non-Locking Cap) (Diesel Machines)	
11A	70007508	1	Fitting and Pick-up Tube (Diesel Machines)	
11B	70002112	1	Fitting (Diesel Machines Only)	
11C	1001080707	1	Cap	
12	1001182997	AR	Adhesive	
13	1001231888	1	Strap Assembly (Includes Strap & Protective Strip)	
13	4240113	1	Strap, Tank	
14	1001285677	1	Hydraulic Tank Assembly (See Separate Breakdown in this Section)	

SECTION 2 - TURNTABLE

FIGURE 2-16. TANK INSTALLATION - DIESEL MACHINE (48 GAL HYDRAULIC TANK) (FUEL TANK WITHOUT SIGHT GLASS)



ART_1001285832

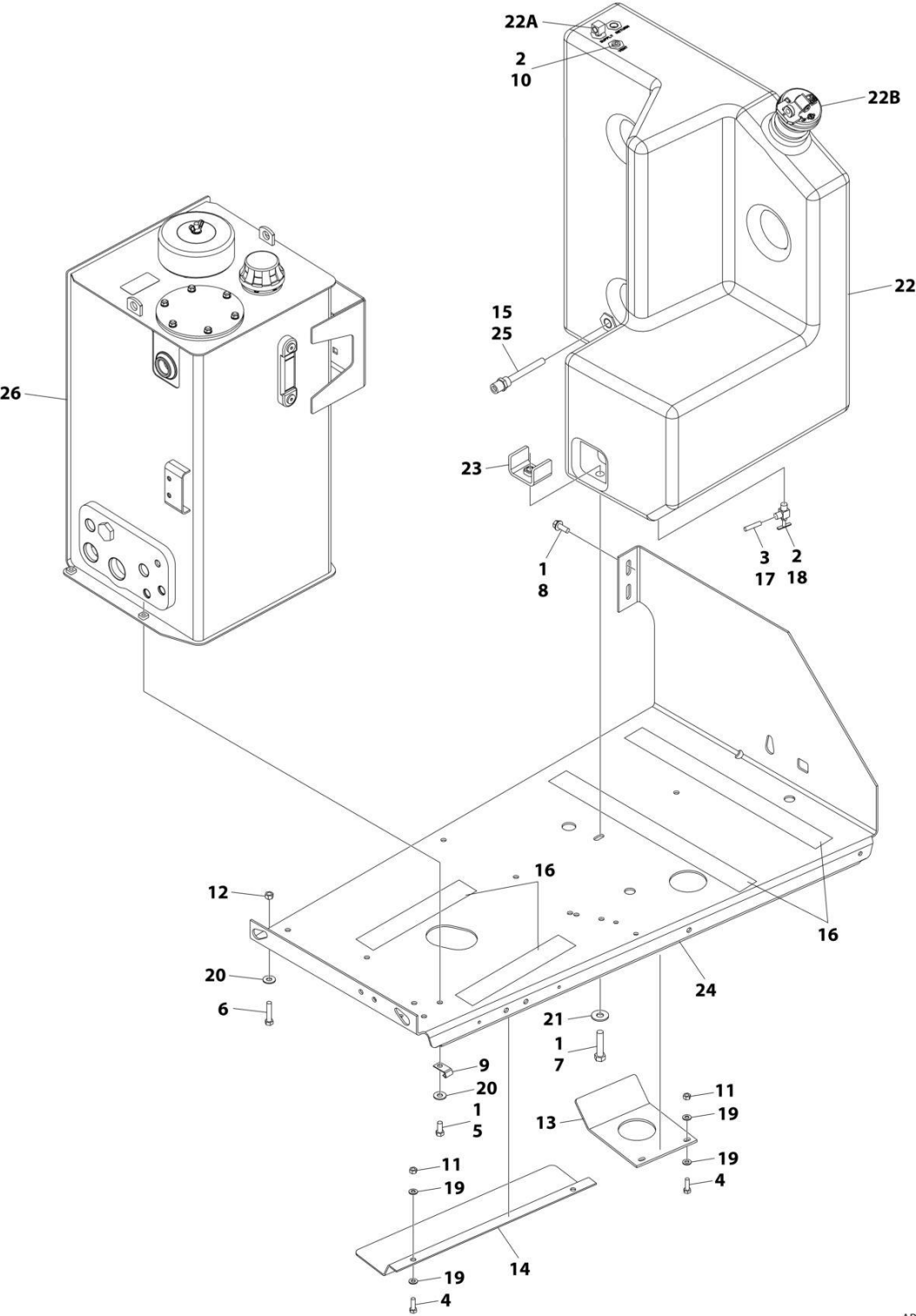
SECTION 2 - TURNTABLE

FIGURE 2-16. TANK INSTALLATION - DIESEL MACHINE (48 GAL HYDRAULIC TANK) (FUEL TANK WITHOUT SIGHT GLASS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001285832	Ref	TANK INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641607	4	Bolt 3/8 x 7/8	
3	0641614	2	Bolt 3/8 x 1-3/4	
4	0811608	2	Bolt 3/8 x 1	
5	3311601	2	Nut 3/8	
6	3311605	2	Nut 3/8	
7	4360436	1	Switch, Fuel Level	
8	4420038	73 in /1.85m	Tape, Rubber	
9	4751600	8	Washer 3/8	
10	1001156190	1	Tray	
11	1001173897	1	Tank, Fuel (Includes Non-Locking Cap) (Diesel Machines)	
11A	70004184	1	Fitting and Pick-up Tube (Diesel Machines)	
11B	2200222	1	Fitting (Diesel Machines Only)	
11B	0100020	AR	Sealant	
11C	7016314	1	Cap	
12	1001182997	AR	Adhesive	
13	1001231888	1	Strap Assembly (Includes Strap & Protective Strip)	
13	4240113	1	Strap, Tank	
14	1001285677	1	Hydraulic Tank Assembly (See Separate Breakdown in this Section)	

SECTION 2 - TURNTABLE

FIGURE 2-17. TANK INSTALLATION - GAS MACHINE (25 GAL HYDRAULIC TANK WITH 4 INCH BREATHER)



ART_1001284874

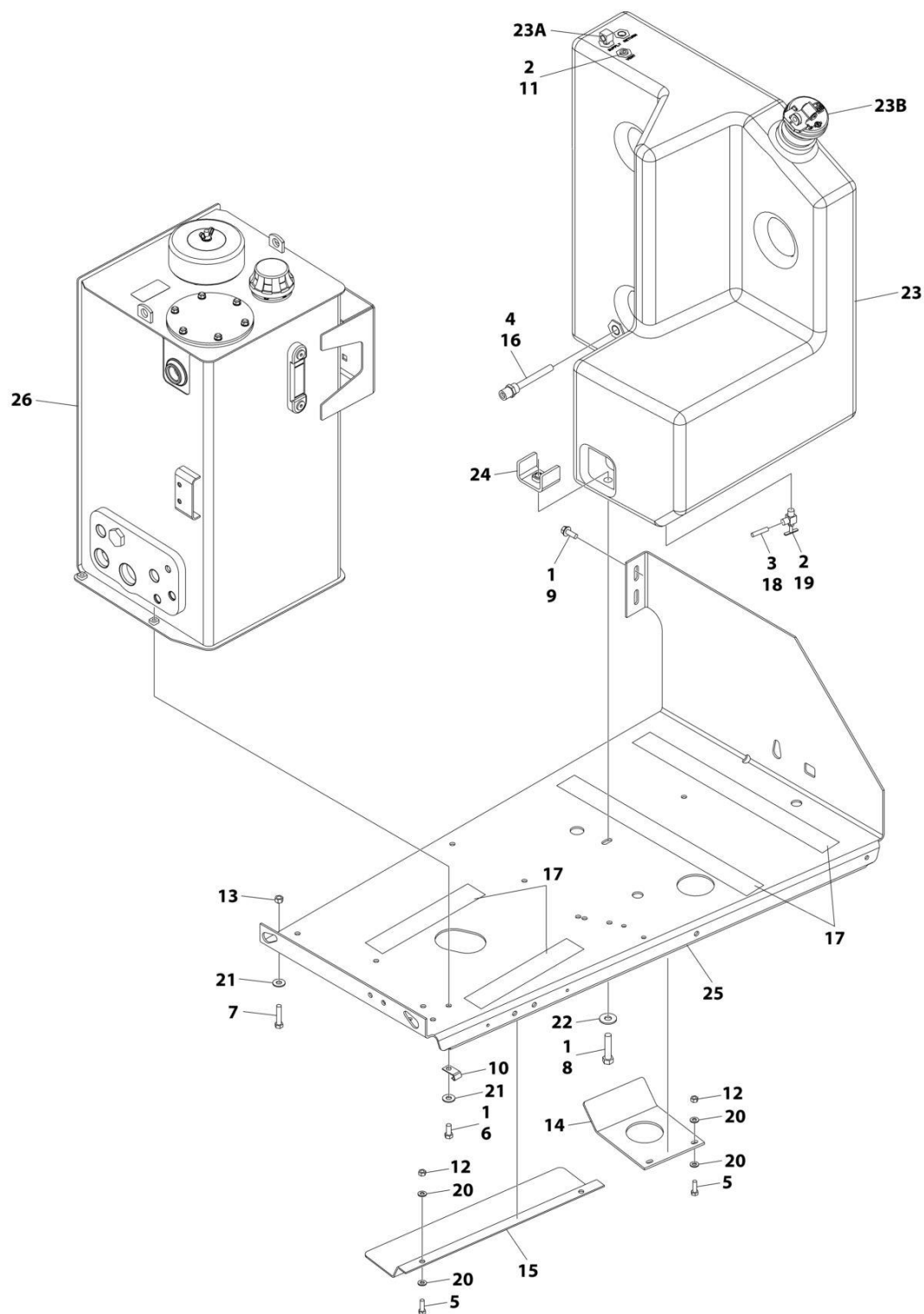
SECTION 2 - TURNTABLE

FIGURE 2-17. TANK INSTALLATION - GAS MACHINE (25 GAL HYDRAULIC TANK WITH 4 INCH BREATHER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284874	Ref	TANK INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
3	0100062	AR	Compound, Locking	
4	0641508	4	Bolt 5/16 x 1	
5	0641607	4	Bolt 3/8 x 7/8	
6	0641614	2	Bolt 3/8 x 1-3/4	
7	0641818	2	Bolt 1/2 x 2-1/4	
8	0811608	2	Bolt 3/8 x 1	
9	1320223	1	Clamp	
10	2200233	1	Plug	
11	3311505	4	Nut 5/16	
12	3311605	2	Nut 3/8	
13	3572423	1	Plate, Valve Needle	
14	3576755	1	Cover, Fuel Pump	
15	4360436	1	Switch, Fuel Level	
16	4420038	45 in /1.14m	Tape, Rubber (Gas Machines)	
17	4568119	1	Tube, Fuel	
18	4641022	1	Valve, Needle	
19	4711500	8	Washer 5/16	
20	4751600	2	Washer 3/8	
21	4751800	2	Washer 1/2	
22	1001111514	1	Tank, Fuel (Includes Non-Locking Cap) (Gas Machines)	
22A	70004149	1	Fitting and Pick-up Tube (Gas Machines)	
22B	70002715	1	Cap	
22B	70002716	1	Adapter, Cap	
23	1001118133	2	Bracket	
24	1001156190	1	Tray	
25	1001182997	AR	Adhesive	
26	1001267678	1	Hydraulic Tank Assembly (See Separate Breakdown in this Section)	

SECTION 2 - TURNTABLE

FIGURE 2-18. TANK INSTALLATION - GAS ENGINES (25 GAL HYDRAULIC TANK WITH 6 INCH BREATHER)



ART_1001178175

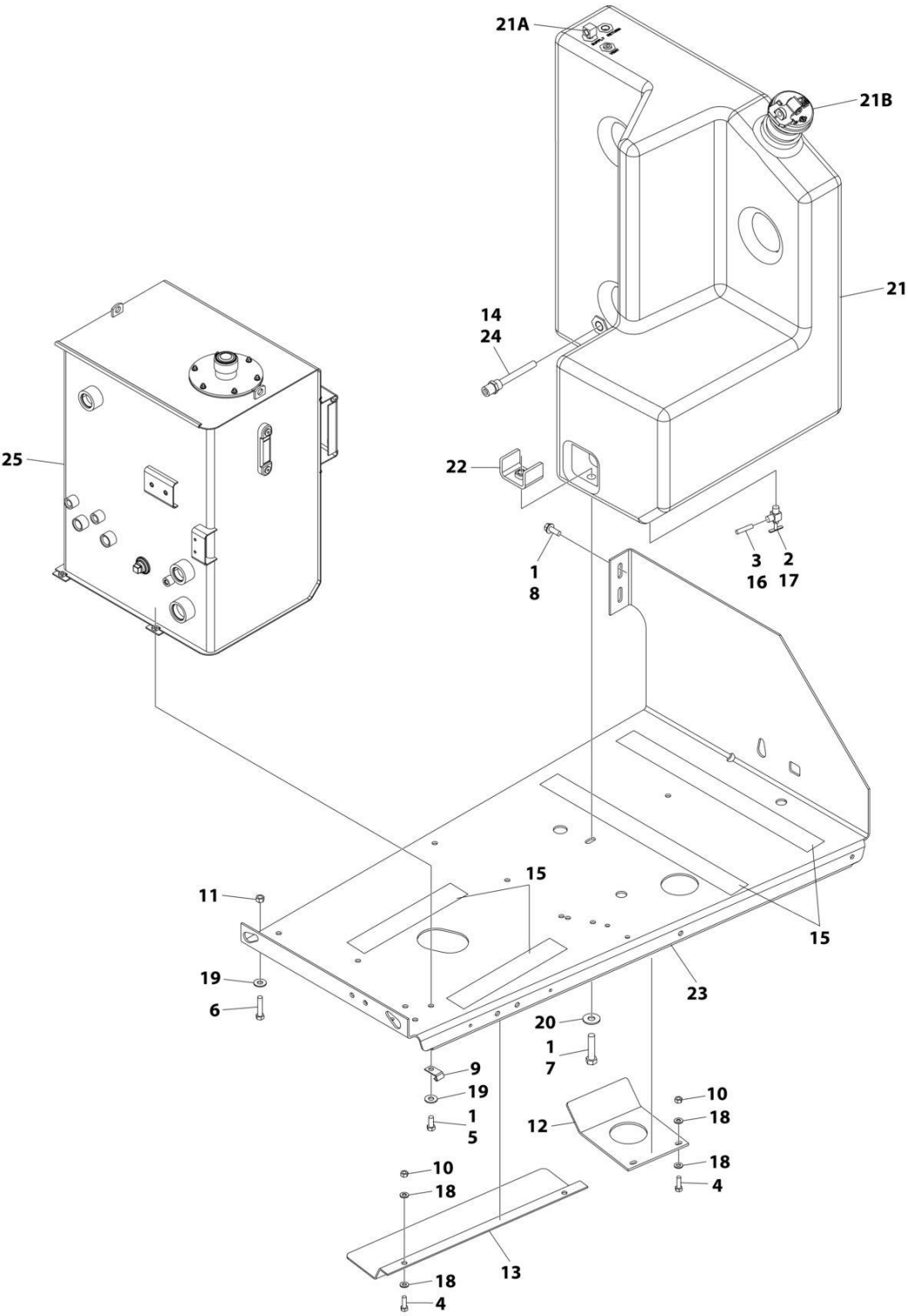
SECTION 2 - TURNTABLE

FIGURE 2-18. TANK INSTALLATION - GAS ENGINES (25 GAL HYDRAULIC TANK WITH 6 INCH BREATHER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178175	Ref	TANK INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
3	0100062	AR	Compound, Locking	
4	1001182997	AR	Adhesive	
5	0641508	4	Bolt 5/16 x 1	
6	0641607	4	Bolt 3/8 x 7/8	
7	0641614	2	Bolt 3/8 x 1-3/4	
8	0641818	2	Bolt 1/2 x 2-1/4	
9	0811608	2	Bolt 3/8 x 1	
10	1320223	1	Clamp	
11	2200233	1	Plug	
12	3311505	4	Nut 5/16	
13	3311605	2	Nut 3/8	
14	3572423	1	Plate, Valve Needle	
15	3576755	1	Cover, Fuel Pump	
16	4360436	1	Switch, Fuel Level	
17	4420038	45 in /1.14m	Tape, Rubber (Gas Machines)	
18	4568119	1	Tube, Fuel	
19	4641022	1	Valve, Needle	
20	4711500	8	Washer 5/16	
21	4751600	2	Washer 3/8	
22	4751800	2	Washer 1/2	
23	1001111514	1	Tank, Fuel (Includes Non-Locking Cap) (Gas Machines)	
23A	70004149	1	Fitting and Pick-up Tube (Gas Machines)	
23B	70002715	1	Cap	
23B	70002716	1	Adapter, Cap	
24	1001118133	2	Bracket	
25	1001156190	1	Tray	
26	1001178057	1	Hydraulic Tank Assembly (See Separate Breakdown in this Section)	

SECTION 2 - TURNTABLE

FIGURE 2-19. TANK INSTALLATION - GAS MACHINE (48 GAL HYDRAULIC TANK)



ART_1001285833

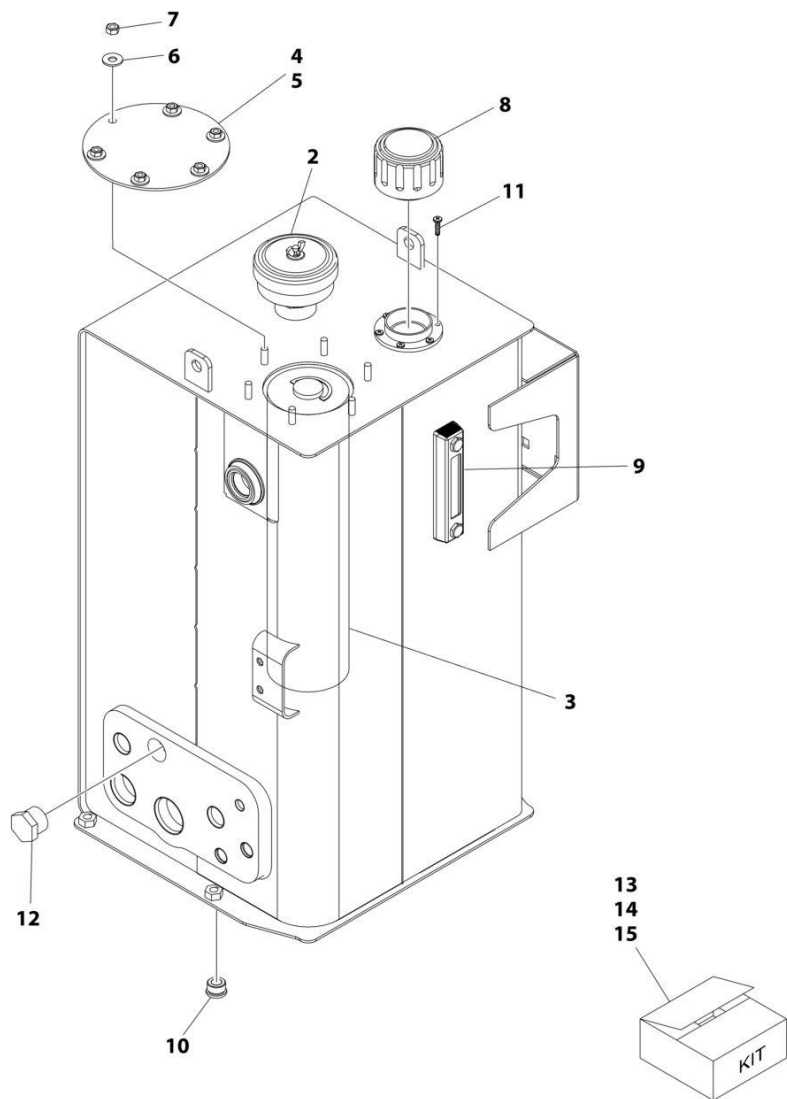
SECTION 2 - TURNTABLE

FIGURE 2-19. TANK INSTALLATION - GAS MACHINE (48 GAL HYDRAULIC TANK)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001285833	Ref	TANK INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
3	0100062	AR	Compound, Locking	
4	0641508	4	Bolt 5/16 x 1	
5	0641607	4	Bolt 3/8 x 7/8	
6	0641614	2	Bolt 3/8 x 1-3/4	
7	0641818	2	Bolt 1/2 x 2-1/4	
8	0811608	2	Bolt 3/8 x 1	
9	1320223	1	Clamp	
10	3311505	4	Nut 5/16	
11	3311605	2	Nut 3/8	
12	3572423	1	Plate, Valve Needle	
13	3576755	1	Cover, Fuel Pump	
14	4360436	1	Switch, Fuel Level	
15	4420038	45 in /1.14m	Tape, Rubber (Gas Machines)	
16	4568119	1	Tube, Fuel	
17	4641022	1	Valve, Needle	
18	4711500	8	Washer 5/16	
19	4751600	2	Washer 3/8	
20	4751800	2	Washer 1/2	
21	1001111514	1	Tank, Fuel (Includes Non-Locking Cap) (Gas Machines)	
21A	70004149	1	Fitting and Pick-up Tube (Gas Machines)	
21B	70002715	1	Cap	
21B	70002716	1	Adapter, Cap	
22	1001118133	2	Bracket	
23	1001156190	1	Tray	
24	1001182997	AR	Adhesive	
25	1001285677	1	Hydraulic Tank Assembly (See Separate Breakdown in this Section)	

SECTION 2 - TURNTABLE

FIGURE 2-20. HYDRAULIC TANK ASSEMBLY (25 GAL HYDRAULIC TANK WITH 4 INCH BREATHER)



ART_1001267678

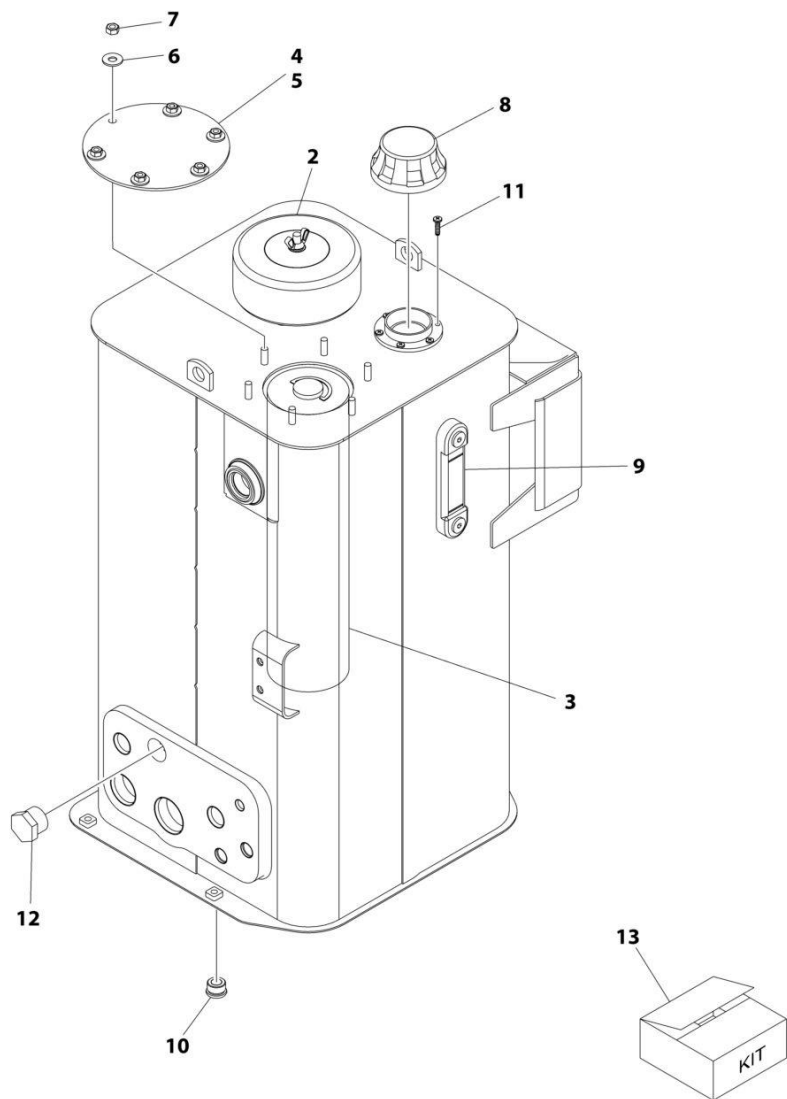
SECTION 2 - TURNTABLE

FIGURE 2-20. HYDRAULIC TANK ASSEMBLY (25 GAL HYDRAULIC TANK WITH 4 INCH BREATHER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267678	REF	HYDRAULIC TANK ASSEMBLY	A
1	See Note	NSS	Hydraulic Tank Weldment (Not Shown) (Note: Not Available for Purchase)	
2	See Note	NSS	Breather Assembly (Note: Use Item 13)	
3	See Note	NSS	Element, Filter (Note: Use Item Use Item 14)	
4	70002839	1	Gasket	
5	See Note	NSS	Cover (Note: Not Available for Purchase)	
6	83304173	6	Washer 1/4	
7	70004199	6	Nut 5/16	
8	70002838	1	Cap, Fill	
9	70024441	1	Gauge, Level	
10	70002112	1	Plug	
11	70004795	6	Screw 10 x 3/4	
12	See Note	NSS	Plug (Note: Not Available for Purchase)	
13	70007726	1	Breather Kit (Note: Includes Item 2)	
14	70007727	1	Return Filter Kit (Note: Includes Item 3)	
15	70007725	1	Level Gauge Kit	

SECTION 2 - TURNTABLE

FIGURE 2-21. HYDRAULIC TANK ASSEMBLY (25 GAL HYDRAULIC TANK WITH 6 INCH BREATHER)



ART_1001178057

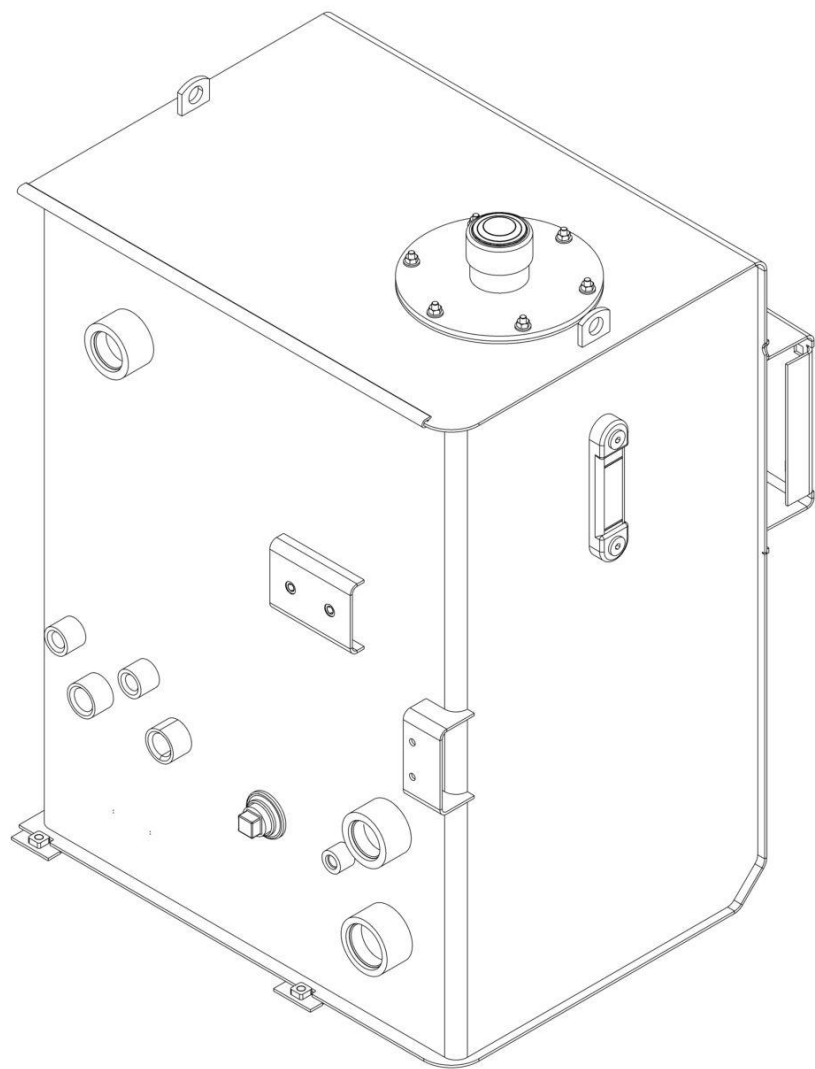
SECTION 2 - TURNTABLE

FIGURE 2-21. HYDRAULIC TANK ASSEMBLY (25 GAL HYDRAULIC TANK WITH 6 INCH BREATHER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178057	Ref	HYDRAULIC TANK ASSEMBLY	D
2	70005708	1	Breather Assembly (Includes Breather, Element and Wingnut)	
2	See Note	NSS	Element, Breather (Note: Use p/n 70005708 or Item 13)	
3	See Note	NSS	Element, Hydraulic (Note: Use Item 13)	
4	70002839	1	Gasket	
5	See Note	NSS	Cover (Note: Not Available for Purchase)	
6	83304173	6	Washer 5/16	
7	70004199	6	Nut 5/16	
8	70002838	1	Cap, Fill	
9	7024441	1	Gauge, Level	
10	70002112	1	Plug	
11	70004795	6	Screw #10 x 3/4	
12	See Note	NSS	Plug (Note: Not Available - Purchase Locally)	
13	70002814	1	Hydraulic Tank Service Kit (Includes Items 2-4)	

SECTION 2 - TURNTABLE

FIGURE 2-22. HYDRAULIC TANK ASSEMBLY (48 GAL HYDRAULIC TANK)



ART_1001285677

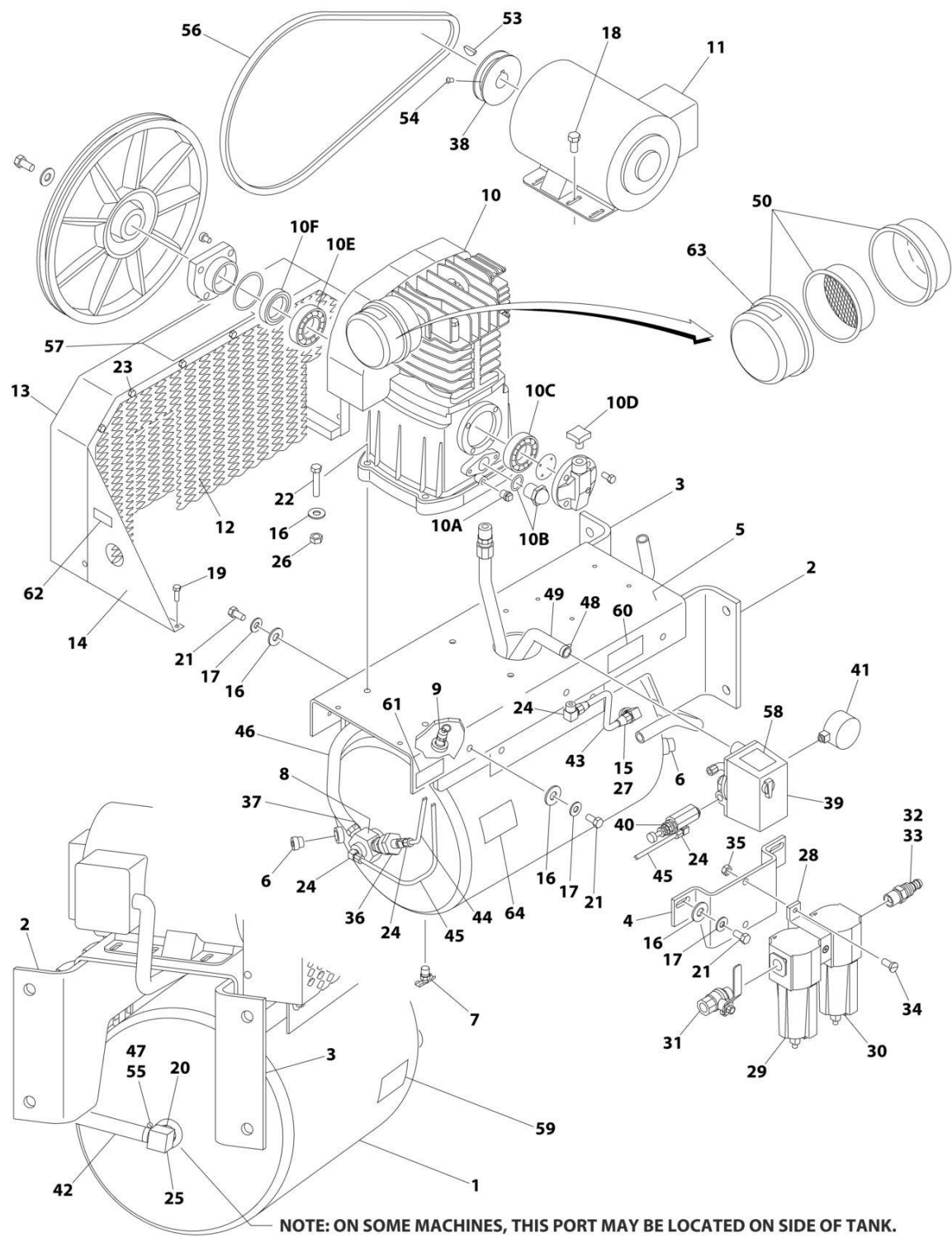
SECTION 2 - TURNTABLE

FIGURE 2-22. HYDRAULIC TANK ASSEMBLY (48 GAL HYDRAULIC TANK)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001285677	Ref	HYDRAULIC TANK ASSEMBLY	A
	See Note	Ref	Note: No Service Parts Available at Time of Printing	

SECTION 2 - TURNTABLE

FIGURE 2-23. AIR COMPRESSOR ASSEMBLY



ART_3600386

SECTION 2 - TURNTABLE

FIGURE 2-23. AIR COMPRESSOR ASSEMBLY

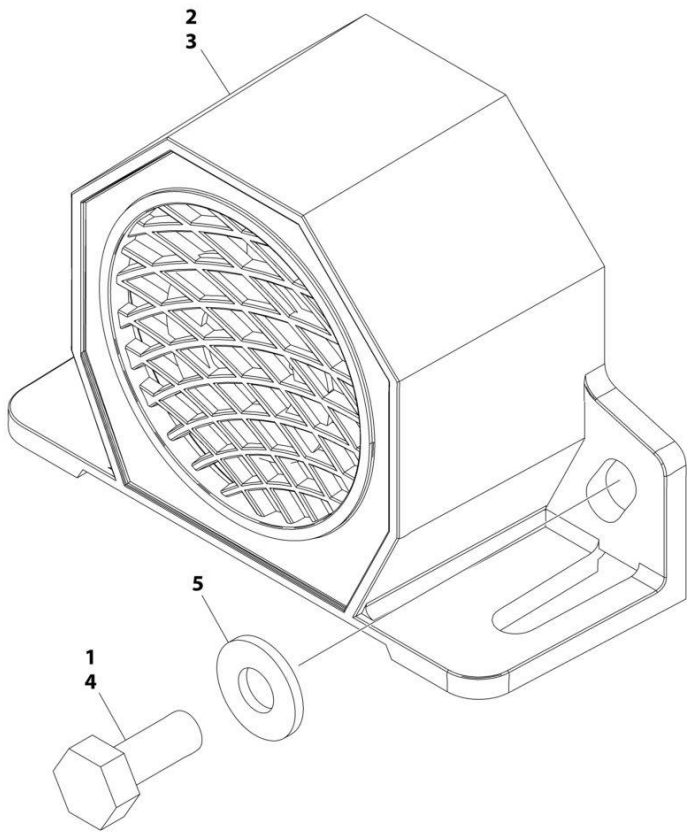
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3600386	Ref	AIR COMPRESSOR ASSEMBLY	B
1	7026632	1	Tank	
2	See Note	1	Bracket, Mounting (Note: Not Available for Purchase)	
3	See Note	1	Bracket, Mounting (Note: Not Available for Purchase)	
4	See Note	1	Bracket, Regulator Mounting (Note: Not Available for Purchase)	
5	See Note	1	Deck (Note: Not Available for Purchase)	
6	See Note	2	Plug (Note: Not Available for Purchase)	
7	7026633	1	Valve, Drain	
8	7026634	1	Valve, Check	
9	7026635	1	Valve, Safety	
10	7026636	1	Pump Assembly	
10	7026659	1	Gasket and Seal Kit	
10A	7026651	1	Plug, Oil Drain	
10B	7026652	1	Gauge, Oil Sight	
10C	7026653	1	Bearing	
10D	7026654	1	Cap, Oil Fill	
10E	7026655	1	Bearing	
10F	7026656	1	Seal	
11	7026637	1	Motor Assembly	
11	See Note	1	Brush Kit (Note: Not Available for Purchase)	
12	See Note	1	Screen, Inner (Note: Not Available for Purchase)	
13	See Note	1	Guard, Belt (Note: Not Available for Purchase)	
14	See Note	2	Support (Note: Not Available for Purchase)	
15	See Note	1	Bushing (Note: Not Available for Purchase)	
16	4751600	18	Washer 3/8	
17	4761600	10	Washer 3/8	
18	0641506	4	Bolt 5/16 x 3/4	
19	0641406	8	Bolt 1/4 x 3/4	
20	See Note	1	Bushing (Note: Not Available for Purchase)	
21	0641610	10	Bolt 3/8 x 1-1/4	
22	0641616	4	Bolt 3/8 x 2	
23	See Note	10	Bolt 1/4 x 1/2 (Note: Not Available for Purchase)	
24	See Note	4	Fitting (Note: Not Available for Purchase)	
25	See Note	1	Fitting, Barbed (Note: Not Available for Purchase)	
26	3311605	4	Nut 3/8	
27	See Note	1	Fitting, Compression (Note: Not Available for Purchase)	
28	See Note	1	Bracket, Mounting (Note: Not Available for Purchase)	
29	7026660	1	Filter, Oil Removal	
30	7026661	1	Filter, Water Removal	
31	70001663	1	Valve, Ball Shut-Off	
32	See Note	1	Bushing (Note: Not Available for Purchase)	
33	See Note	1	Fitting, Barbed (Note: Not Available for Purchase)	
34	See Note	2	Screw 1/4 x 1 (Note: Not Available for Purchase)	
35	3311405	2	Nut 1/4	
36	See Note	1	Unloader (Note: Not Available for Purchase)	
37	See Note	1	Fitting (Note: Not Available for Purchase)	
38	See Note	1	Pulley (Note: Not Available for Purchase)	
39	7026638	1	Switch, Pressure	
40	7026639	1	Vale, Pilot	
41	7026640	1	Gauge	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
42	See Note	1	Hose (Note: Not Available for Purchase)	
43	See Note	1	Tube, Feed (Note: Not Available for Purchase)	
44	See Note	1	Tube (Note: Not Available for Purchase)	
45	See Note	1	Tube (Note: Not Available for Purchase)	
46	See Note	1	Aftercooler (Note: Not Available for Purchase)	
47	See Note	2	Clamp (Note: Not Available for Purchase)	
48	See Note	2	Clamp (Note: Not Available for Purchase)	
49	See Note	1	Harness, Wiring (Note: Not Available for Purchase)	
50	7026658	1	Filter Assembly	
50	7026641	1	Element, Filter	
51	See Note	23 oz	Oil, Compressor (Note: Not Available for Purchase)	
52	0100020	AR	Sealant	
53	See Note	1	Key (Note: Not Available for Purchase)	
54	See Note	2	Setscrew (Note: Not Available for Purchase)	
55	See Note	2	Cover, Clamp End (Note: Not Available for Purchase)	
56	7026642	1	Belt	
57	7026643	1	Decal - Unit Warning	
58	7026644	1	Decal - Pressure Switch Warning	
59	7026645	1	Decal - Drain Tank Warning	
60	7026646	1	Decal - Compressor Maintenance	
61	7026647	1	Decal - Initial Oil Fill	
62	7026648	1	Decal - Hot Surfaces Warning	
63	7026649	1	Decal - Paper Element Cleaning	
64	7026650	1	Decal - Dual Control	

SECTION 2 - TURNTABLE

FIGURE 2-24. ALARM INSTALLATION



ART_1001158364

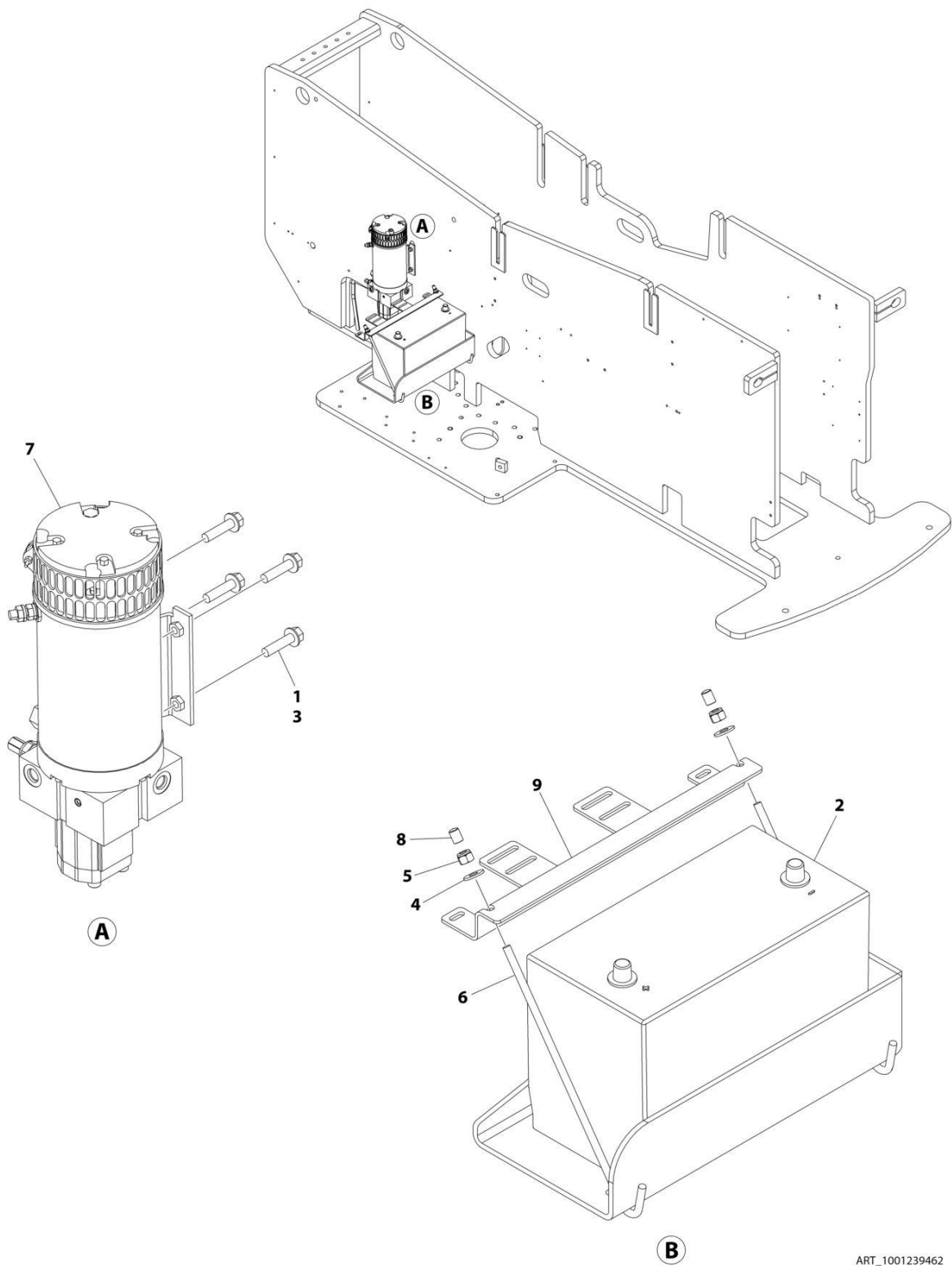
SECTION 2 - TURNTABLE

FIGURE 2-24. ALARM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158364	Ref	ALARM INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0100048	AR	Grease, Dielectric	
3	0140044	1	Alarm	
4	0641405	2	Bolt 1/4 x 5/8	
5	4711400	2	Washer 1/4	

SECTION 2 - TURNTABLE

FIGURE 2-25. AUXILIARY POWER INSTALLATION - WITH BATTERY DISCONNECT



ART_1001239462

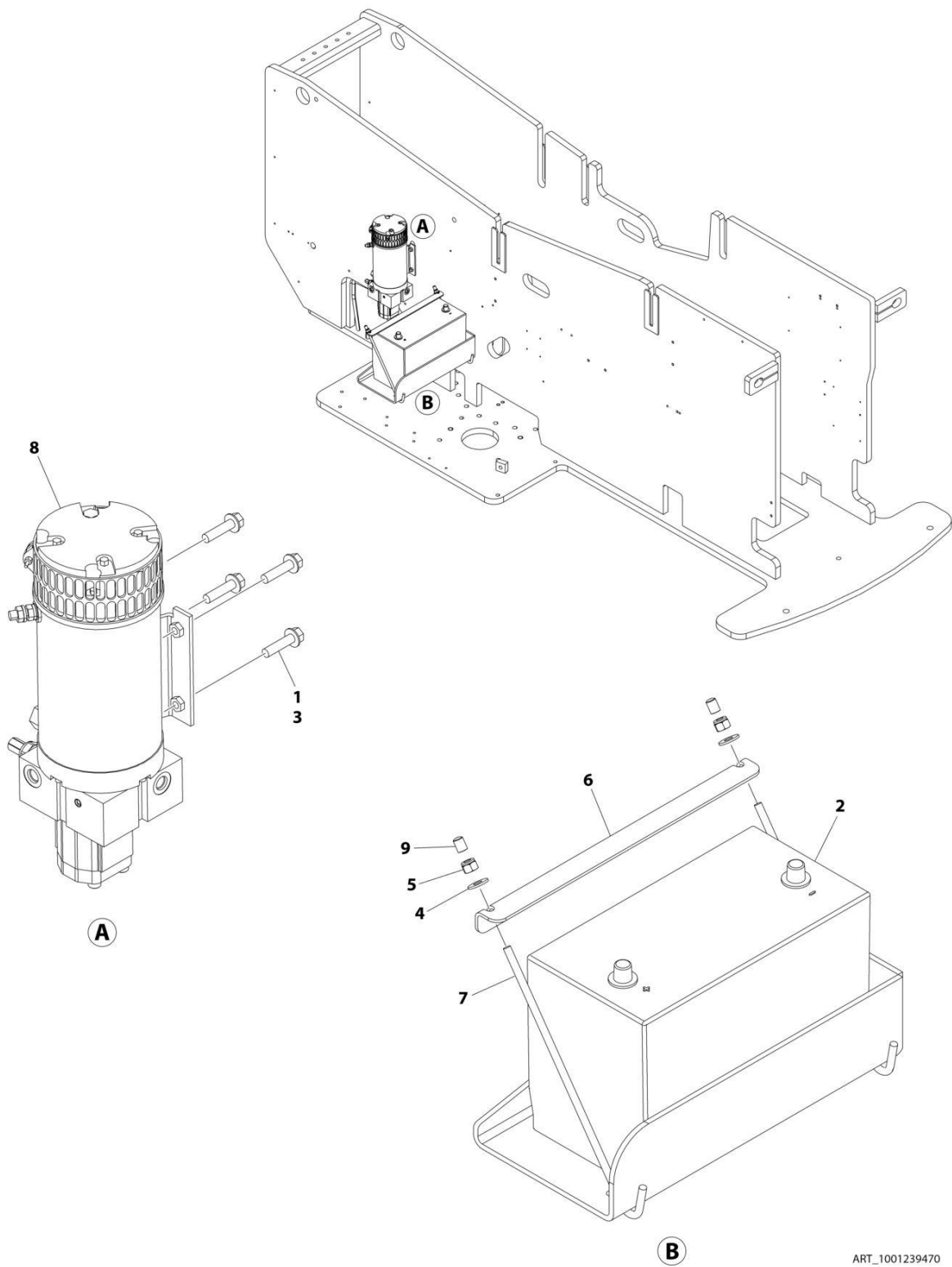
SECTION 2 - TURNTABLE

FIGURE 2-25. AUXILIARY POWER INSTALLATION - WITH BATTERY DISCONNECT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239462	Ref	AUXILIARY POWER INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0400075	1	Battery	
3	0811612	4	Screw 3/8 x 1-1/2	
4	4751500	2	Washer 5/16	
5	88521205	2	Nut 5/16	
6	1001093382	2	J - Bolt	
7	1001137460	1	Auxiliary Power Pump/Motor Assembly (See Separate Breakdown in this Section)	
8	1001218572	2	Cap	
9	1001236303	1	Bracket, Battery Hold Down	

SECTION 2 - TURNTABLE

FIGURE 2-26. AUXILIARY POWER INSTALLATION - WITHOUT BATTERY DISCONNECT



ART_1001239470

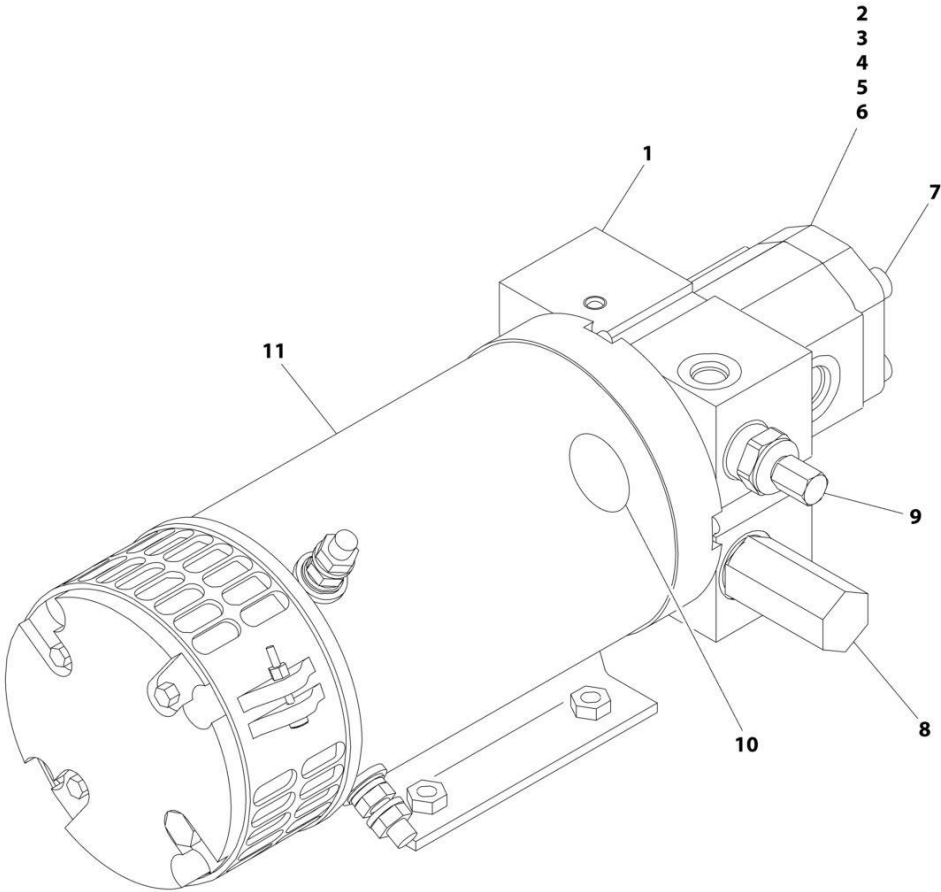
SECTION 2 - TURNTABLE

FIGURE 2-26. AUXILIARY POWER INSTALLATION - WITHOUT BATTERY DISCONNECT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239470	Ref	AUXILIARY POWER INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0400075	1	Battery	
3	0811612	4	Screw 3/8 x 1-1/2	
4	4751500	2	Washer 5/16	
5	88521205	2	Nut 5/16	
6	91401281	1	Bracket, Battery Hold Down	
7	1001093382	2	J - Bolt	
8	1001137460	1	Auxillary Power Pump/ Motor Assembly (See Separate Breakdown in this Section)	
9	1001218572	2	Cap	

SECTION 2 - TURNTABLE

FIGURE 2-27. AUXILIARY POWER PUMP/MOTOR ASSEMBLY



ART_1001137460

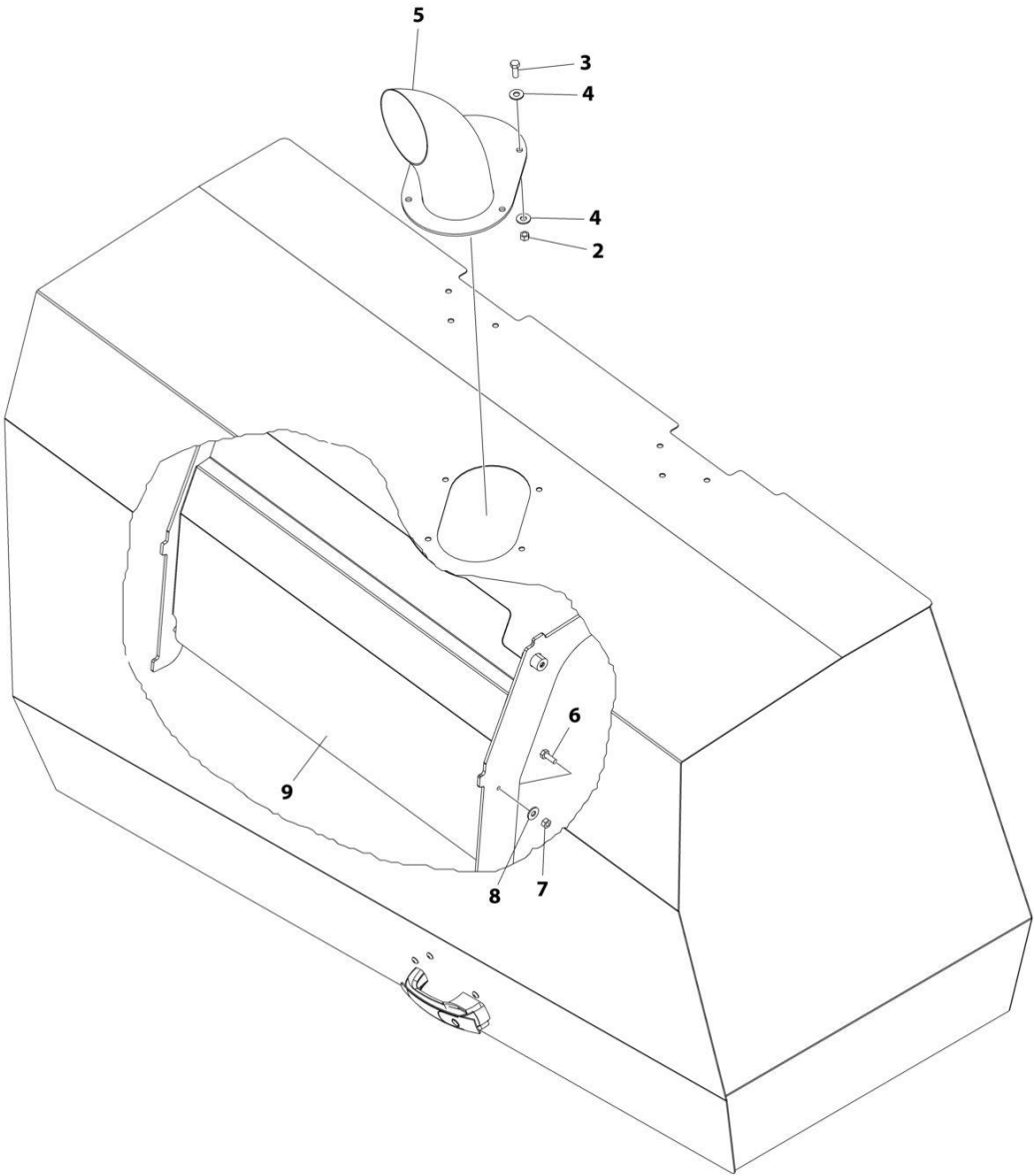
SECTION 2 - TURNTABLE

FIGURE 2-27. AUXILIARY POWER PUMP/MOTOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137460	Ref	AUXILIARY PUMP ASSEMBLY	A
1	70004125	1	Base Assembly	
1	70003993	1	Seal, Shaft	
2	See Note	NSS	Pin, Dowel (Note: Use Item 1)	
3	See Note	NSS	O-Ring (Note: Use Item 1)	
4	See Note	NSS	Pump (Note: Use Item 1)	
5	See Note	NSS	O-Ring (Note: Use Item 1)	
6	See Note	NSS	Cover, Rear (Note: Use Item 1)	
7	See Note	NSS	Screw (Note: Use Item 1)	
8	70003989	1	Valve, Logic	
9	See Note	1	Valve, Relief (Note: Use Item 1)	
10	See Note	1	Shaft, Intermediate (Note: Use Item 1)	
11	70003992	1	Motor	

SECTION 2 - TURNTABLE

FIGURE 2-28. EXHAUST COVER AND HEAT SHIELDS INSTALLATION - STEEL HOODS (DEUTZ D2011 ENGINES)



ART_1001158167

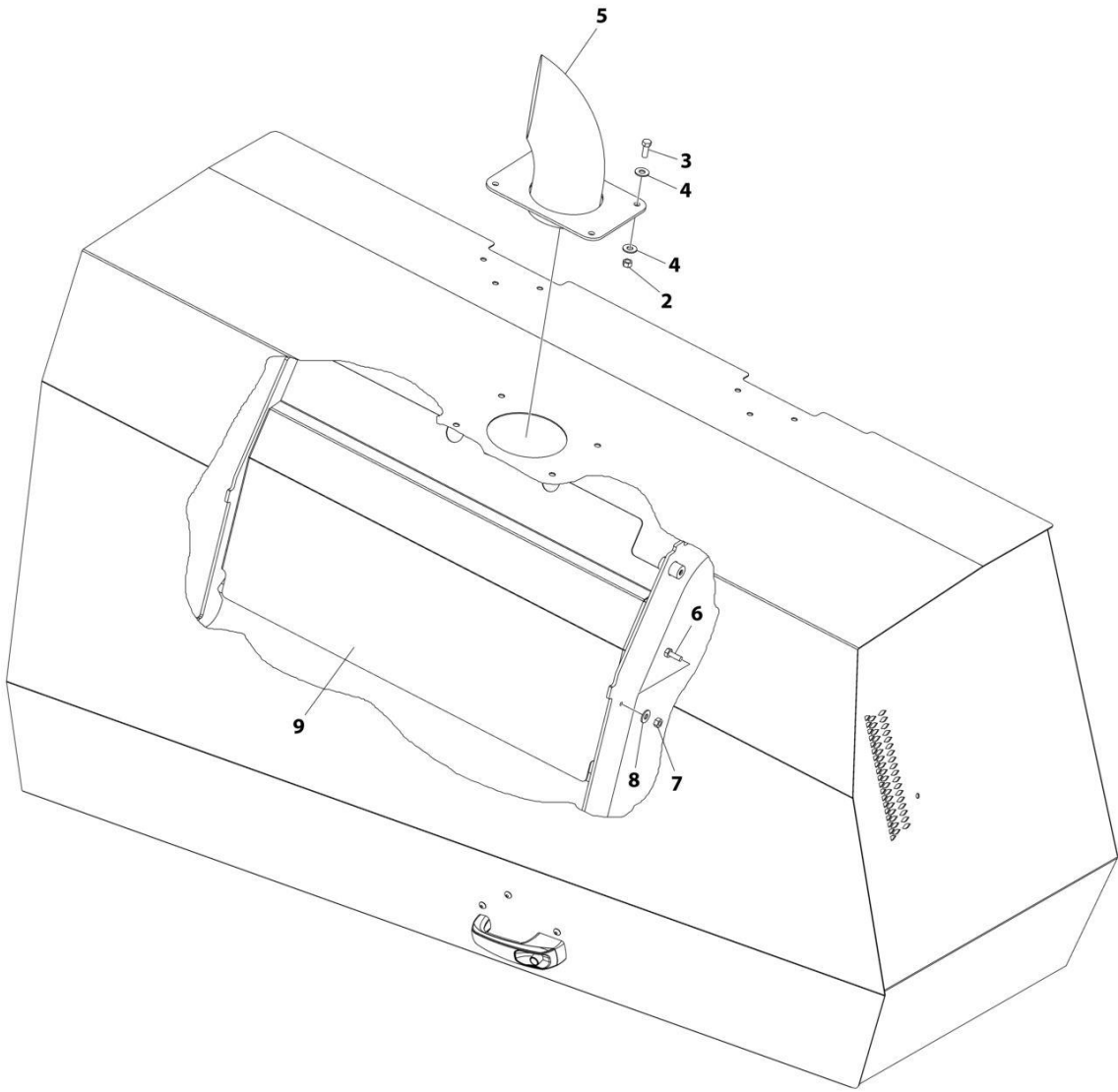
SECTION 2 - TURNTABLE

FIGURE 2-28. EXHAUST COVER AND HEAT SHIELDS INSTALLATION - STEEL HOODS (DEUTZ D2011 ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158167	Ref	HOODS INSTALLATION	E
2	3311605	4	Nut 3/8	
3	0641608	4	Bolt 3/8 x 1	
4	4751600	8	Washer 3/8	
5	1001116456	1	Pipe, Exhaust	
6	0641406	3	Bolt 1/4 x 3/4	
7	3311405	3	Nut 1/4	
8	4751400	3	Washer 1/4	
9	1001150561	1	Shield, Heat	

SECTION 2 - TURNTABLE

FIGURE 2-29. EXHAUST COVER AND HEAT SHIELDS INSTALLATION - STEEL HOODS (DEUTZ TD2.9L4 ENGINES)



ART_1001173878

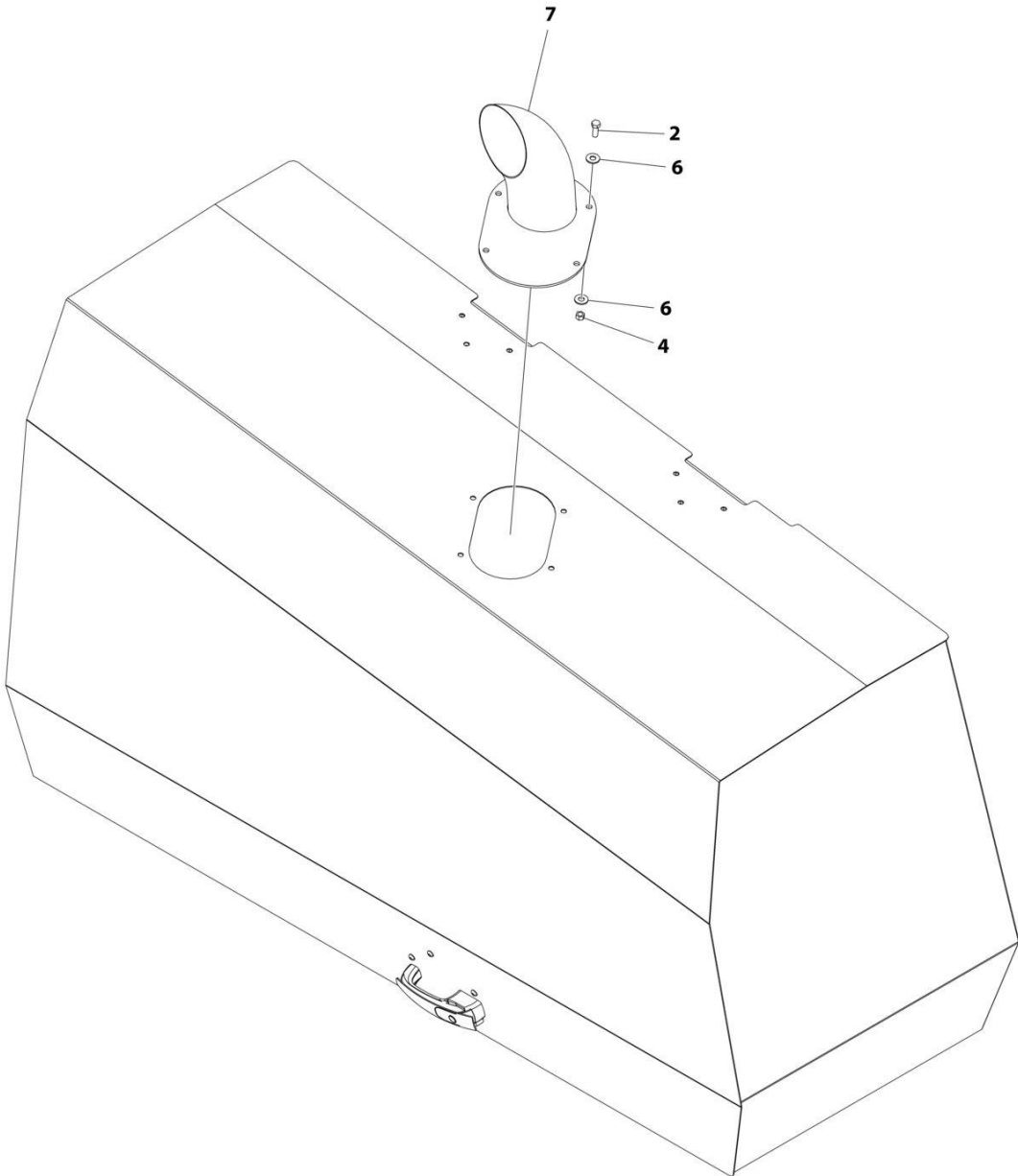
SECTION 2 - TURNTABLE

FIGURE 2-29. EXHAUST COVER AND HEAT SHIELDS INSTALLATION - STEEL HOODS (DEUTZ TD2.9L4 ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173878	Ref	HOODS INSTALLATION	C
2	3311605	4	Nut 3/8	
3	0641608	4	Bolt 3/8 x 1	
4	4751600	8	Washer 3/8	
5	1001144527	1	Pipe, Exhaust	
6	0641406	3	Bolt 1/4 x 3/4	
7	3311405	3	Nut 1/4	
8	4751400	3	Washer 1/4	
9	1001163101	1	Shield, Heat	

SECTION 2 - TURNTABLE

FIGURE 2-30. EXHAUST COVER INSTALLATION - STEEL HOODS (FORD ENGINES)



ART_1001220189

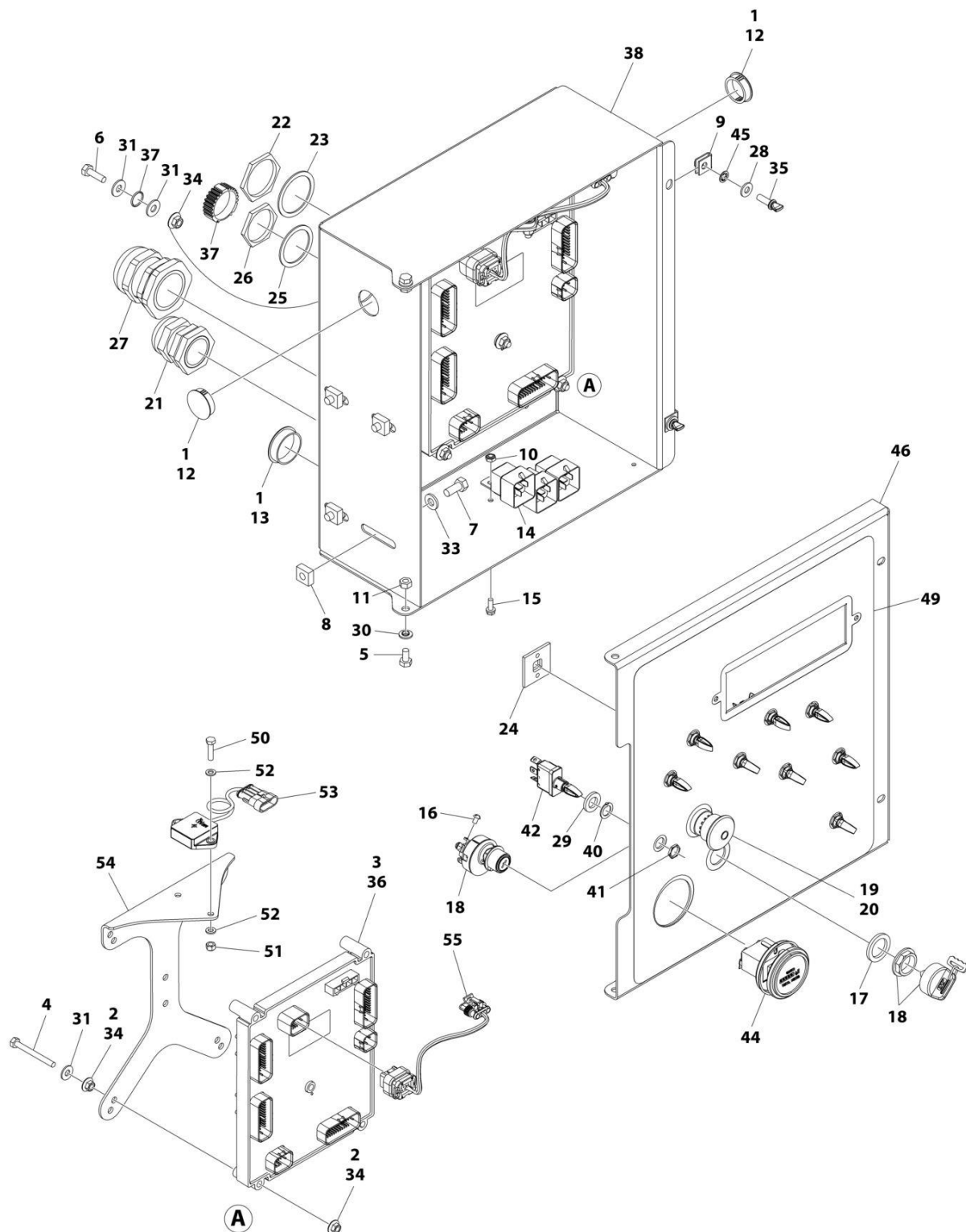
SECTION 2 - TURNTABLE

FIGURE 2-30. EXHAUST COVER INSTALLATION - STEEL HOODS (FORD ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220189	Ref	HOODS INSTALLATION	C
2	0641608	4	Bolt 3/8 x 1	
4	3311605	4	Nut 3/8	
6	4751600	8	Washer 3/8	
7	1001116457	1	Pipe, Exhaust	

SECTION 2 - TURNTABLE

FIGURE 2-31. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 ENGINES - WITH MECHANICAL HOUR METER (ANSI EXPORT LRC AND AUSTRALIAN SPECS)



ART_1001266893_C

SECTION 2 - TURNTABLE

FIGURE 2-31. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 ENGINES - WITH MECHANICAL HOUR METER (ANSI EXPORT LRC AND AUSTRALIAN SPECS)

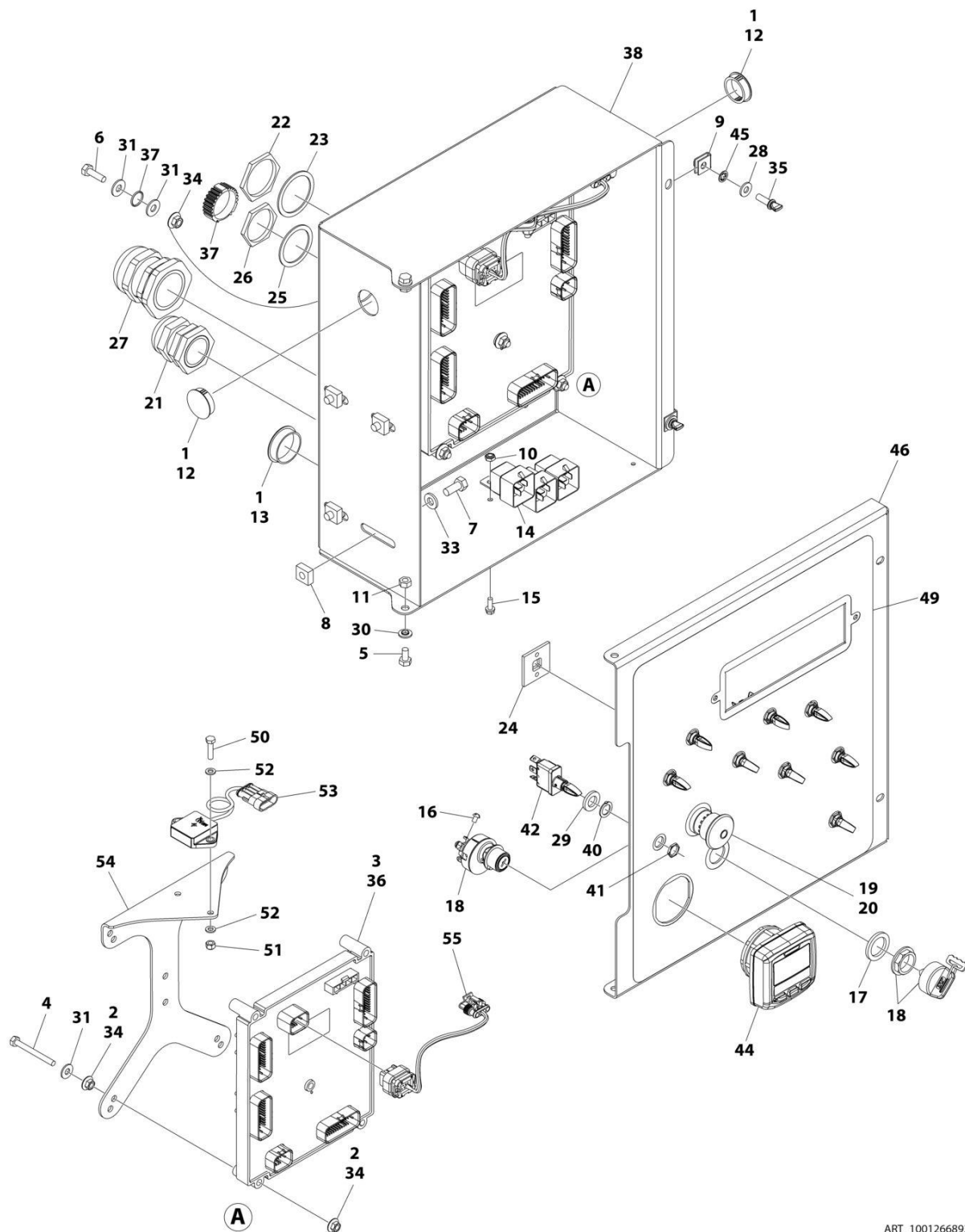
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266893	Ref	GROUND CONTROL BOX ASSEMBLY	C
1	0100009	AR	Sealant	
2	0100011	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0630548	5	Bolt 2-1/2	
5	0641404	2	Bolt 1/4 x 1/2	
6	0641407	1	Bolt 1/4 x 7/8	
7	0641506	4	Bolt 5/16 x 3/4	
8	3300205	4	Nut, Retainer	
9	3300353	2	Nut, Tinnerman	
10	3300408	3	Nut, Nylon Insert	
11	3311405	2	Nut 1/4	
12	3520031	2	Plug	
13	3520035	1	Plug	
14	3740049	3	Relay	
15	3900268	3	Screw #10x1/2	
16	3910804	6	Screw #8 x 1/4	
17	4070991	1	Shim	
18	4360469	1	Switch, Key	
18	2860030	1 Set	Key Replacement	
19	4360475	1	Switch, Emergency Stop	
19	7020175	1	Cap, Mushroom	
19	7020176	1	Block, Contact	
20	4360476	1	Switch, Contact Block	
21	4460426	1	Connector, Strain Relief	
22	4460470	1	Nut, Terminal	
23	4460471	1	Lockwasher, Terminal	
24	4460488	6	Mounting Base, Terminal	
25	4460496	1	Washer, Terminal	
26	4460497	1	Nut, Terminal	
27	4460526	1	Connector, Strain Relief	
28	4711400	2	Washer 1/4	
29	4740397	9	Spacer	
30	4740518	2	Washer	
31	4751400	7	Washer 1/4	
33	4891500	4	Washer 5/16	
34	77143013	11	Nut 1/4	
35	1001103308	2	Thumbscrew 1/4 x 3/4	
36	1001280600	1	Module, Ground Control (Note: Recalibration Required When Replaced)	
37	1001106736	1	Cap, Dust	
38	1001152175	1	Box	
39	1001153713	1	Engine Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
40	1001155043	9	Washer	
41	1001155044	9	Nut 15/32	
42	1001155045	9	Switch, Toggle	
43	1001170808	1	Control Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
44	10836804	1	Hour Meter	
45	1001188874	2	Nut	
46	1001280403	1	Lid	
47	1001266628	1	Ground Control Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
49	1001266876	1	Decal - Ground Control Box	
50	0760612	2	Bolt M6 x 25	
51	3290605	2	Nut M6	
52	4811700	4	Washer M6	
53	1001219601	1	Sensor, Tilt Dual Axis CAN	
54	1001271794	1	Bracket, Tilt Sensor	
55	1001276143	1	Harness, Tilt Sensor	

SECTION 2 - TURNTABLE

FIGURE 2-32. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 ENGINES - WITH DIGITAL DISPLAY (ANSI EXPORT LRC AND AUSTRALIAN SPECS)



ART_1001266893

SECTION 2 - TURNTABLE

FIGURE 2-32. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 ENGINES - WITH DIGITAL DISPLAY (ANSI EXPORT LRC AND AUSTRALIAN SPECS)

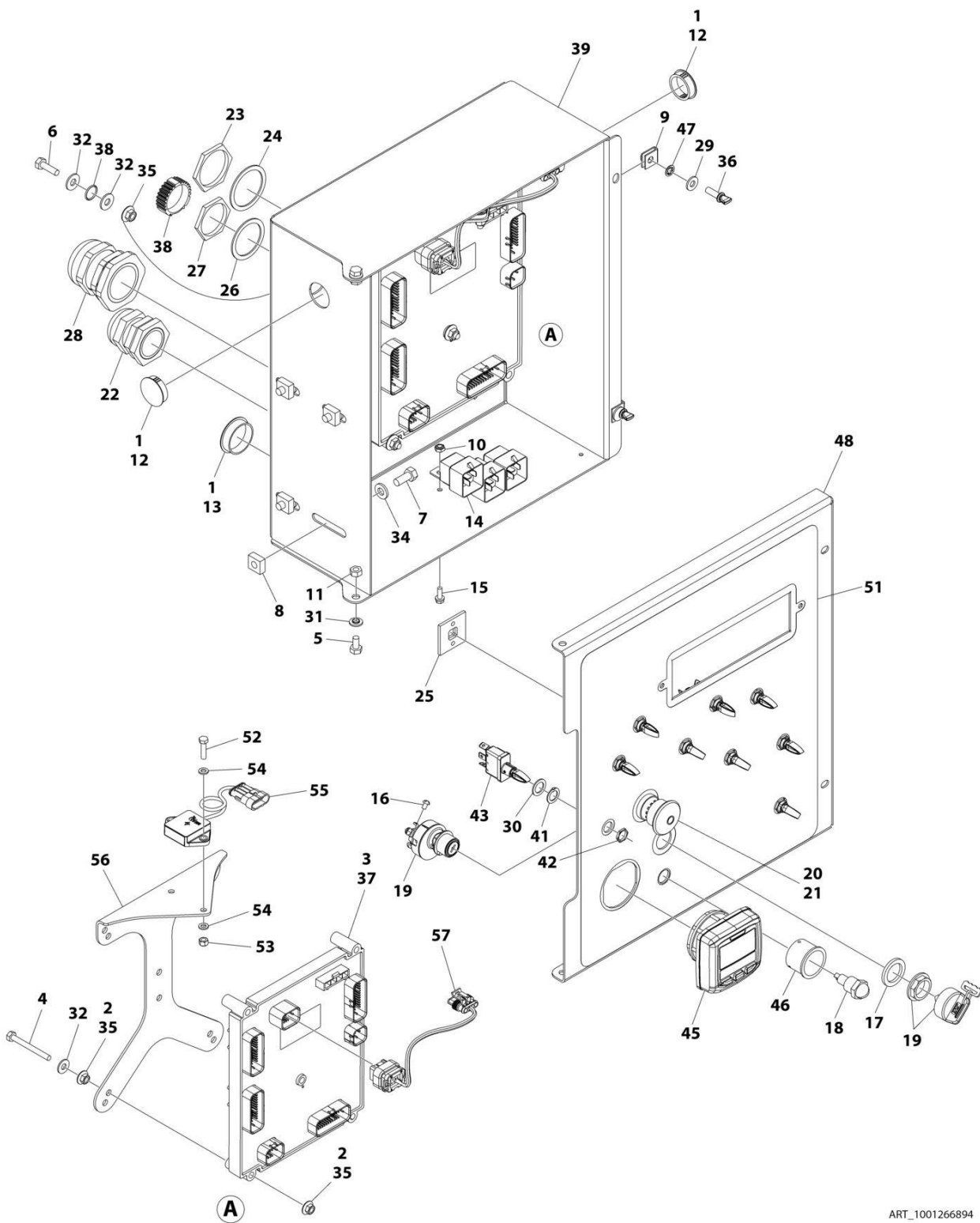
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266893	Ref	GROUND CONTROL BOX ASSEMBLY	B
1	0100009	AR	Sealant	
2	0100011	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0630548	5	Bolt 2-1/2	
5	0641404	2	Bolt 1/4 x 1/2	
6	0641407	1	Bolt 1/4 x 7/8	
7	0641506	4	Bolt 5/16 x 3/4	
8	3300205	4	Nut, Retainer	
9	3300353	2	Nut, Tinnerman	
10	3300408	3	Nut, Nylon Insert	
11	3311405	2	Nut 1/4	
12	3520031	2	Plug	
13	3520035	1	Plug	
14	3740049	3	Relay	
15	3900268	3	Screw #10x1/2	
16	3910804	6	Screw #8 x 1/4	
17	4070991	1	Shim	
18	4360469	1	Switch, Key	
18	2860030	1 Set	Key Replacement	
19	4360475	1	Switch, Emergency Stop	
19	7020175	1	Cap, Mushroom	
19	7020176	1	Block, Contact	
20	4360476	1	Switch, Contact Block	
21	4460426	1	Connector, Strain Relief	
22	4460470	1	Nut, Terminal	
23	4460471	1	Lockwasher, Terminal	
24	4460488	6	Mounting Base, Terminal	
25	4460496	1	Washer, Terminal	
26	4460497	1	Nut, Terminal	
27	4460526	1	Connector, Strain Relief	
28	4711400	2	Washer 1/4	
29	4740397	9	Spacer	
30	4740518	2	Washer	
31	4751400	7	Washer 1/4	
33	4891500	4	Washer 5/16	
34	77143013	11	Nut 1/4	
35	1001103308	2	Thumbscrew 1/4 x 3/4	
36	1001103667	1	Module, Ground Control (Please Verify Part Number on Module Decal Before Purchasing) (Note: Recalibration Required When Replaced)	
36	1001280600	1	Module, Ground Control (Please Verify Part Number on Module Decal Before Purchasing) (Note: Recalibration Required When Replaced)	
37	1001106736	1	Cap, Dust	
38	1001152175	1	Box	
39	1001153713	1	Engine Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
40	1001155043	9	Washer	
41	1001155044	9	Nut 15/32	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
42	1001155045	9	Switch, Toggle	
43	1001170808	1	Control Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
44	1001171482	1	Gauge, Display	
45	1001188874	2	Nut	
46	1001263352	1	Lid	
47	1001266628	1	Ground Control Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
49	1001266876	1	Decal - Ground Control Box	
50	0760612	2	Bolt M6 x 25	
51	3290605	2	Nut M6	
52	4811700	4	Washer M6	
53	1001219601	1	Sensor, Tilt Dual Axis CAN	
54	1001271794	1	Bracket, Tilt Sensor	
55	1001276143	1	Harness, Tilt Sensor	

SECTION 2 - TURNTABLE

FIGURE 2-33. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 (CE & UK CA LRC SPECS)



ART_1001266894

SECTION 2 - TURNTABLE

FIGURE 2-33. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 (CE & UK CA LRC SPECS)

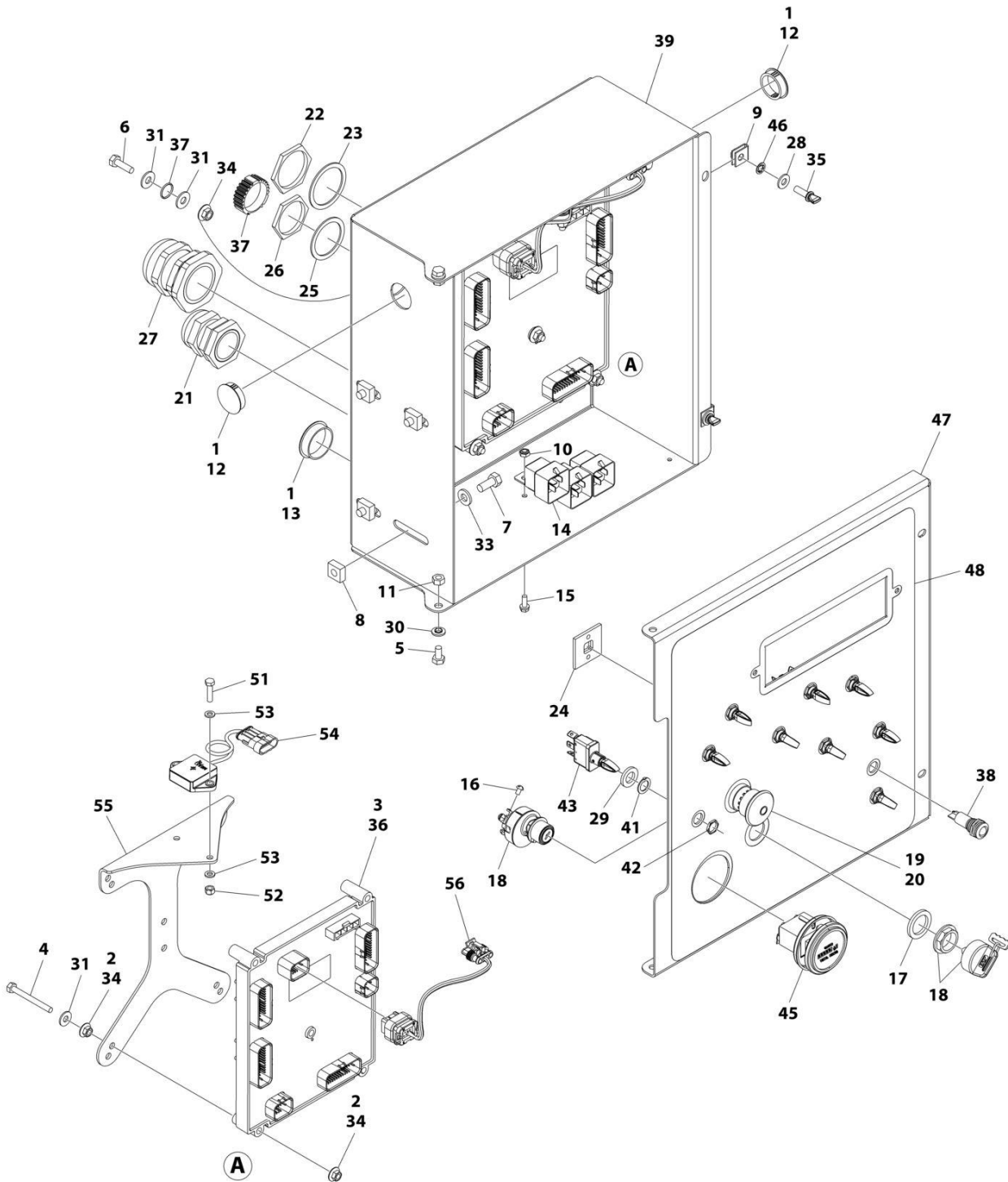
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266894	Ref	GROUND CONTROL BOX ASSEMBLY	B
1	0100009	AR	Sealant	
2	0100011	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0630548	5	Bolt 2-1/2	
5	0641404	2	Bolt 1/4 x 1/2	
6	0641407	1	Bolt 1/4 x 7/8	
7	0641506	4	Bolt 5/16 x 3/4	
8	3300205	4	Nut, Retainer	
9	3300353	2	Nut, Tinnerman	
10	3300408	3	Nut, Nylon Insert	
11	3311405	2	Nut 1/4	
12	3520031	2	Plug	
13	3520035	1	Plug	
14	3740049	3	Relay	
15	3900268	3	Screw #10x1/2	
16	3910804	6	Screw #8 x 1/4	
17	4070991	1	Shim	
18	4360387	1	Switch, Push Button	
19	4360469	1	Switch, Key	
19	2860030	1 Set	Key Replacement	
20	4360475	1	Switch, Emergency Stop	
20	7020175	1	Cap, Mushroom	
20	7020176	1	Block, Contact	
21	4360476	1	Switch, Contact Block	
22	4460426	1	Connector, Strain Relief	
23	4460470	1	Nut, Terminal	
24	4460471	1	Lockwasher, Terminal	
25	4460488	6	Mounting Base, Terminal	
26	4460496	1	Washer, Terminal	
27	4460497	1	Nut, Terminal	
28	4460526	1	Connector, Strain Relief	
29	4711400	2	Washer 1/4	
30	4740397	9	Spacer	
31	4740518	2	Washer	
32	4751400	7	Washer 1/4	
34	4891500	4	Washer 5/16	
35	77143013	11	Nut 1/4	
36	1001103308	2	Thumbscrew 1/4 x 3/4	
37	1001103667	1	Module, Ground Control (Note: Recalibration Required When Replaced)	
38	1001106736	1	Cap, Dust	
39	1001152175	1	Box	
40	1001153713	1	Engine Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
41	1001155043	9	Washer	
42	1001155044	9	Nut 15/32	
43	1001155045	9	Switch, Toggle	
44	1001170808	1	Control Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
45	1001171482	1	Gauge, Display	
46	1001176469	1	Shroud	
47	1001188874	2	Nut	
48	1001263353	1	Lid	
49	1001266628	1	Ground Control Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
51	1001266874	1	Decal - Ground Control Box	
52	0760612	2	Bolt M6 x 25	
53	3290605	2	Nut M6	
54	4811700	4	Washer M6	
55	1001219601	1	Sensor, Tilt Dual Axis CAN	
56	1001271794	1	Bracket, Tilt Sensor	
57	1001276143	1	Harness, Tilt Sensor	

SECTION 2 - TURNTABLE

FIGURE 2-34. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 AND TOWER STOW - WITH MECHANICAL HOUR METER (ANSI EXPORT LRC AND AUSTRALIAN SPECS)



ART_1001263361_C

SECTION 2 - TURNTABLE

**FIGURE 2-34. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 AND TOWER STOW -
WITH MECHANICAL HOUR METER (ANSI EXPORT LRC AND AUSTRALIAN SPECS)**

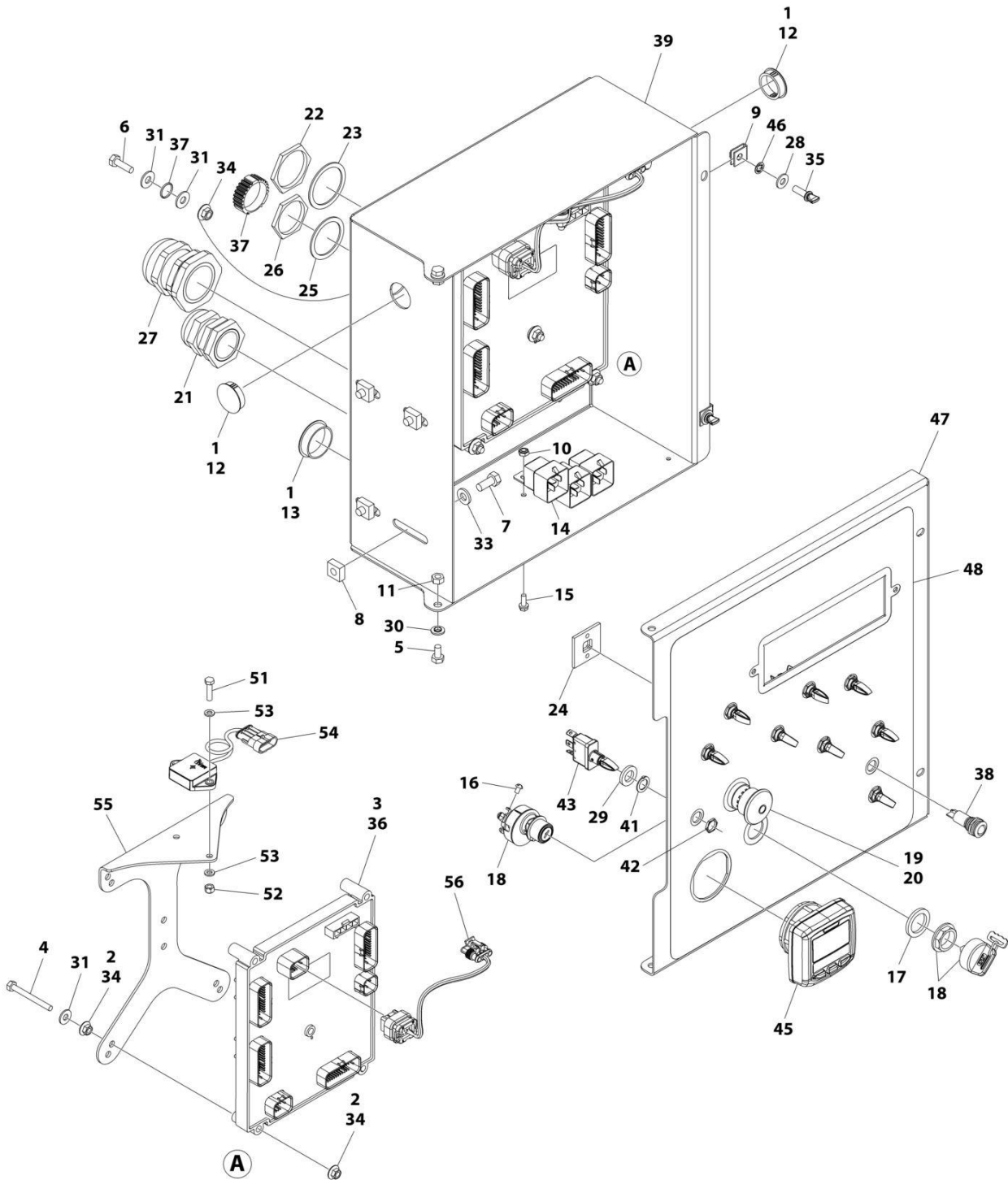
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263361	Ref	GROUND CONTROL BOX ASSEMBLY	C
1	0100009	AR	Sealant	
2	0100011	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0630548	5	Bolt 2-1/2	
5	0641404	2	Bolt 1/4 x 1/2	
6	0641407	1	Bolt 1/4 x 7/8	
7	0641506	4	Bolt 5/16 x 3/4	
8	3300205	4	Nut, Retainer	
9	3300353	2	Nut, Tinnerman	
10	3300408	3	Nut, Nylon Insert	
11	3311405	2	Nut 1/4	
12	3520031	2	Plug	
13	3520035	1	Plug	
14	3740049	3	Relay	
15	3900268	3	Screw #10x1/2	
16	3910804	6	Screw #8 x 1/4	
17	4070991	1	Shim	
18	4360469	1	Switch, Key	
18	2860030	1 Set	Key Replacement	
19	4360475	1	Switch, Emergency Stop	
19	7020175	1	Cap, Mushroom	
19	7020176	1	Block, Contact	
20	4360476	1	Switch, Contact Block	
21	4460426	1	Connector, Strain Relief	
22	4460470	1	Nut, Terminal	
23	4460471	1	Lockwasher, Terminal	
24	4460488	6	Mounting Base, Terminal	
25	4460496	1	Washer, Terminal	
26	4460497	1	Nut, Terminal	
27	4460526	1	Connector, Strain Relief	
28	4711400	2	Washer 1/4	
29	4740397	9	Spacer	
30	4740518	2	Washer	
31	4751400	7	Washer 1/4	
33	4891500	4	Washer 5/16	
34	77143013	11	Nut 1/4	
35	1001103308	2	Thumbscrew 1/4 x 3/4	
36	1001280600	1	Module, Ground Control (Note: Recalibration Required When Replaced)	
37	1001106736	1	Cap, Dust	
38	1001137364	1	Light, Indicator	
39	1001152175	1	Box	
40	1001153713	1	Engine Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
41	1001155043	9	Washer	
42	1001155044	9	Nut 15/32	
43	1001155045	9	Switch, Toggle	
44	1001170808	1	Control Valve Harness (Not Shown - See Separate Breakdown in	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
45	10836804	1	ELECTRICAL Section) Hour Meter	
46	1001188874	2	Nut	
47	1001280403	1	Lid	
48	1001263356	1	Decal - Ground Control Box	
49	1001266628	1	Ground Control Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
51	0760612	2	Bolt M6 x 25	
52	3290605	2	Nut M6	
53	4811700	4	Washer M6	
54	1001219601	1	Sensor, Tilt Dual Axis CAN	
55	1001271794	1	Bracket, Tilt Sensor	
56	1001276143	1	Harness, Tilt Sensor	

SECTION 2 - TURNTABLE

FIGURE 2-35. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 AND TOWER STOW - WITH DIGITAL DISPLAY (ANSI EXPORT LRC AND AUSTRALIAN SPECS)



ART_1001263361

SECTION 2 - TURNTABLE

FIGURE 2-35. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 AND TOWER STOW - WITH DIGITAL DISPLAY (ANSI EXPORT LRC AND AUSTRALIAN SPECS)

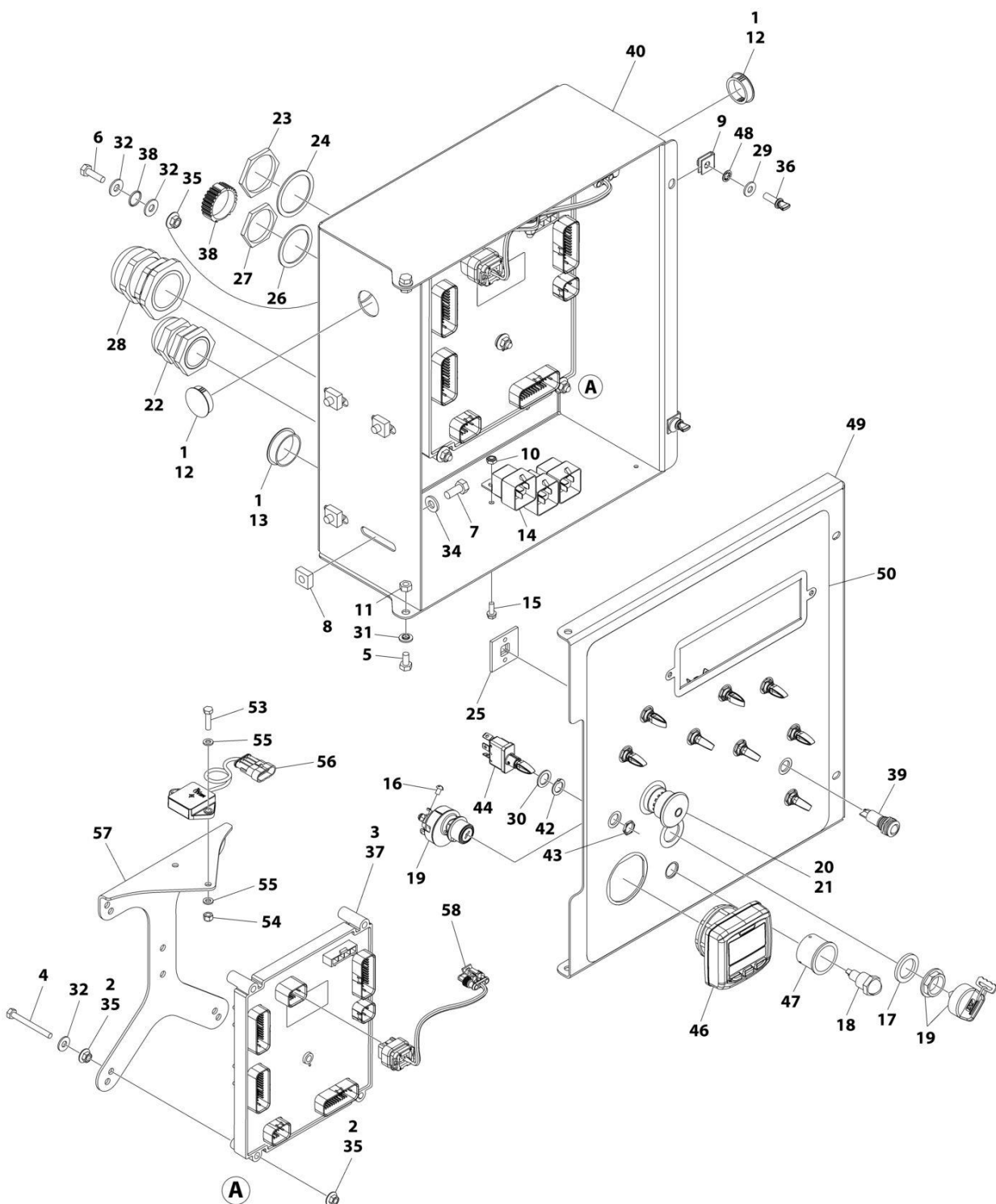
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263361	Ref	GROUND CONTROL BOX ASSEMBLY	B
1	0100009	AR	Sealant	
2	0100011	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0630548	5	Bolt 2-1/2	
5	0641404	2	Bolt 1/4 x 1/2	
6	0641407	1	Bolt 1/4 x 7/8	
7	0641506	4	Bolt 5/16 x 3/4	
8	3300205	4	Nut, Retainer	
9	3300353	2	Nut, Tinnerman	
10	3300408	3	Nut, Nylon Insert	
11	3311405	2	Nut 1/4	
12	3520031	2	Plug	
13	3520035	1	Plug	
14	3740049	3	Relay	
15	3900268	3	Screw #10x1/2	
16	3910804	6	Screw #8 x 1/4	
17	4070991	1	Shim	
18	4360469	1	Switch, Key	
18	2860030	1 Set	Key Replacement	
19	4360475	1	Switch, Emergency Stop	
19	7020175	1	Cap, Mushroom	
19	7020176	1	Block, Contact	
20	4360476	1	Switch, Contact Block	
21	4460426	1	Connector, Strain Relief	
22	4460470	1	Nut, Terminal	
23	4460471	1	Lockwasher, Terminal	
24	4460488	6	Mounting Base, Terminal	
25	4460496	1	Washer, Terminal	
26	4460497	1	Nut, Terminal	
27	4460526	1	Connector, Strain Relief	
28	4711400	2	Washer 1/4	
29	4740397	9	Spacer	
30	4740518	2	Washer	
31	4751400	7	Washer 1/4	
33	4891500	4	Washer 5/16	
34	77143013	11	Nut 1/4	
35	1001103308	2	Thumbscrew 1/4 x 3/4	
36	1001103667	1	Module, Ground Control (Please Verify Part Number on Module Decal Before Purchasing) (Note: Recalibration Required When Replaced)	
36	1001280600	1	Module, Ground Control (Please Verify Part Number on Module Decal Before Purchasing) (Note: Recalibration Required When Replaced)	
37	1001106736	1	Cap, Dust	
38	1001137364	1	Light, Indicator	
39	1001152175	1	Box	
40	1001153713	1	Engine Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
41	1001155043	9	Washer	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
42	1001155044	9	Nut 15/32	
43	1001155045	9	Switch, Toggle	
44	1001170808	1	Control Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
45	1001171482	1	Gauge, Display	
46	1001188874	2	Nut	
47	1001263352	1	Lid	
48	1001263356	1	Decal - Ground Control Box	
49	1001266628	1	Ground Control Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
51	0760612	2	Bolt M6 x 25	
52	3290605	2	Nut M6	
53	4811700	4	Washer M6	
54	1001219601	1	Sensor, Tilt Dual Axis CAN	
55	1001271794	1	Bracket, Tilt Sensor	
56	1001276143	1	Harness, Tilt Sensor	

SECTION 2 - TURNTABLE

FIGURE 2-36. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 AND TOWER STOW (CE & UK CA LRC SPECS)



ART_1001263362

SECTION 2 - TURNTABLE

FIGURE 2-36. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 AND TOWER STOW (CE & UK CA LRC SPECS)

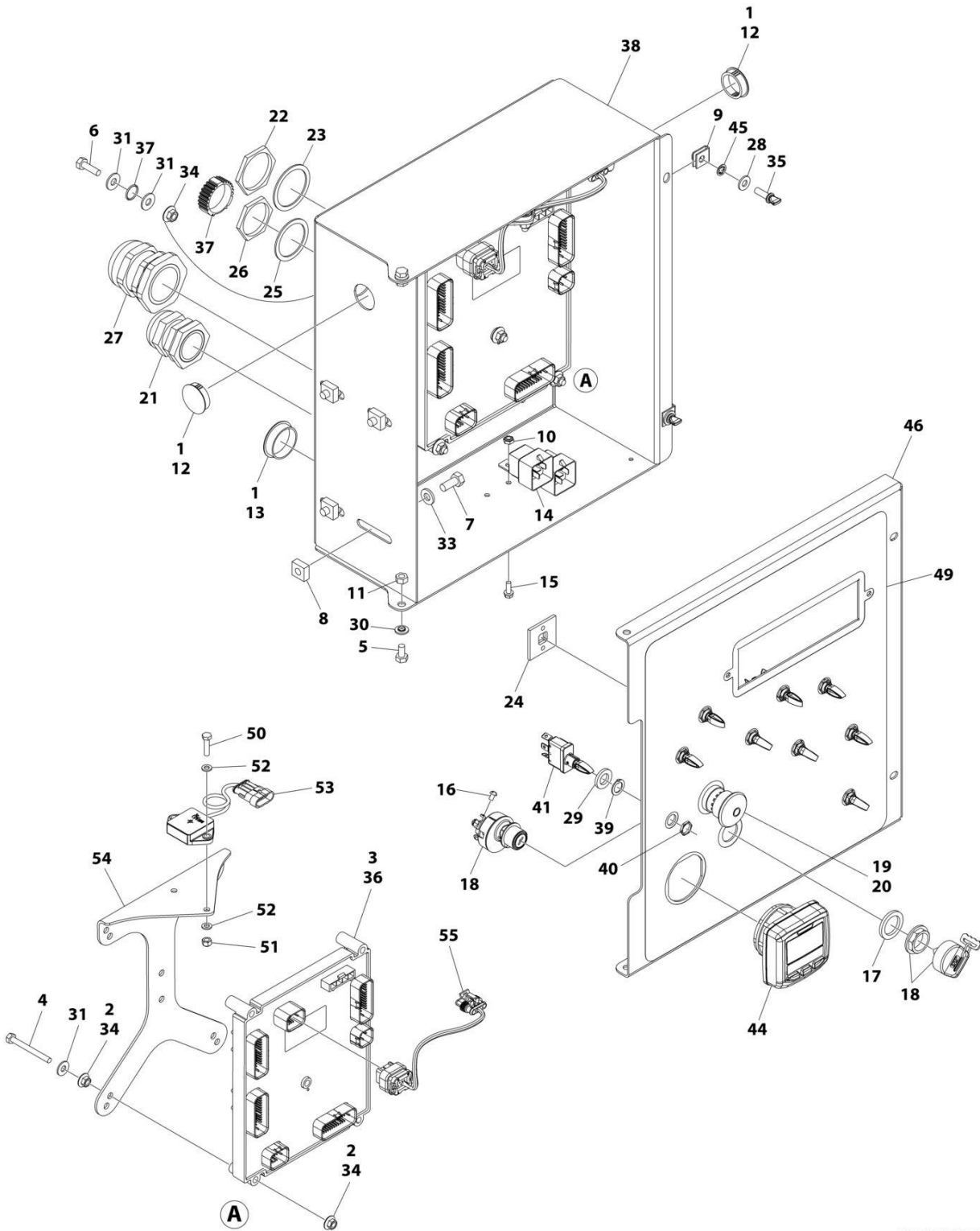
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263362	Ref	GROUND CONTROL BOX ASSEMBLY	B
1	0100009	AR	Sealant	
2	0100011	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0630548	5	Bolt 2-1/2	
5	0641404	2	Bolt 1/4 x 1/2	
6	0641407	1	Bolt 1/4 x 7/8	
7	0641506	4	Bolt 5/16 x 3/4	
8	3300205	4	Nut, Retainer	
9	3300353	2	Nut, Tinnerman	
10	3300408	3	Nut, Nylon Insert	
11	3311405	2	Nut 1/4	
12	3520031	2	Plug	
13	3520035	1	Plug	
14	3740049	3	Relay	
15	3900268	3	Screw #10x1/2	
16	3910804	6	Screw #8 x 1/4	
17	4070991	1	Shim	
18	4360387	1	Switch, Push Button	
19	4360469	1	Switch, Key	
19	2860030	1 Set	Key Replacement	
20	4360475	1	Switch, Emergency Stop	
20	7020175	1	Cap, Mushroom	
20	7020176	1	Block, Contact	
21	4360476	1	Switch, Contact Block	
22	4460426	1	Connector, Strain Relief	
23	4460470	1	Nut, Terminal	
24	4460471	1	Lockwasher, Terminal	
25	4460488	6	Mounting Base, Terminal	
26	4460496	1	Washer, Terminal	
27	4460497	1	Nut, Terminal	
28	4460526	1	Connector, Strain Relief	
29	4711400	2	Washer 1/4	
30	4740397	9	Spacer	
31	4740518	2	Washer	
32	4751400	7	Washer 1/4	
34	4891500	4	Washer 5/16	
35	77143013	11	Nut 1/4	
36	1001103308	2	Thumbscrew 1/4 x 3/4	
37	1001103667	1	Module, Ground Control (Note: Recalibration Required When Replaced)	
38	1001106736	1	Cap, Dust	
39	1001137364	1	Light, Indicator	
40	1001152175	1	Box	
41	1001153713	1	Engine Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
42	1001155043	9	Washer	
43	1001155044	9	Nut 15/32	
44	1001155045	9	Switch, Toggle	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
45	1001170808	1	Control Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
46	1001171482	1	Gauge, Display	
47	1001176469	1	Shroud	
48	1001188874	2	Nut	
49	1001263353	1	Lid	
50	1001263355	1	Decal - Ground Control Box	
51	1001266628	1	Ground Control Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
53	0760612	2	Bolt M6 x 25	
54	3290605	2	Nut M6	
55	4811700	4	Washer M6	
56	1001219601	1	Sensor, Tilt Dual Axis CAN	
57	1001271794	1	Bracket, Tilt Sensor	
58	1001276143	1	Harness, Tilt Sensor	

SECTION 2 - TURNTABLE

FIGURE 2-37. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 - WITH DIGITAL
DISPLAY (ANSI SPECS)



ART_1001266875

SECTION 2 - TURNTABLE

FIGURE 2-37. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 - WITH DIGITAL DISPLAY (ANSI SPECS)

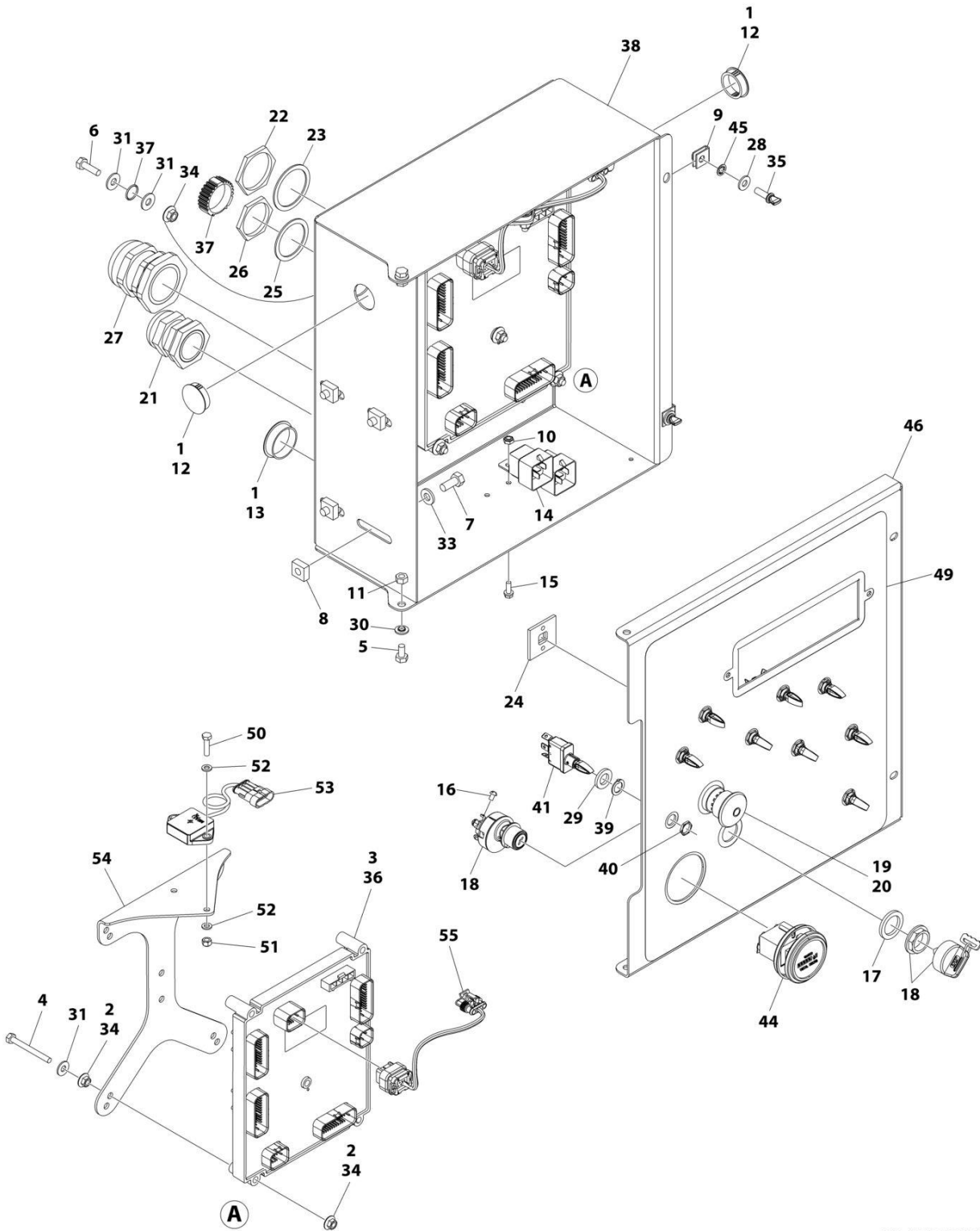
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266875	Ref	GROUND CONTROL BOX ASSEMBLY	B
1	0100009	AR	Sealant	
2	0100011	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0630548	5	Bolt 2-1/2	
5	0641404	2	Bolt 1/4 x 1/2	
6	0641407	1	Bolt 1/4 x 7/8	
7	0641506	4	Bolt 5/16 x 3/4	
8	3300205	4	Nut, Retainer	
9	3300353	2	Nut, Tinnerman	
10	3300408	2	Nut, Nylon Insert	
11	3311405	2	Nut 1/4	
12	3520031	2	Plug	
13	3520035	1	Plug	
14	3740049	2	Relay	
15	3900268	2	Screw #10x1/2	
16	3910804	6	Screw #8 x 1/4	
17	4070991	1	Shim	
18	4360469	1	Switch, Key	
18	2860030	1 Set	Key Replacement	
19	4360475	1	Switch, Emergency Stop	
19	7020175	1	Cap, Mushroom	
19	7020176	1	Block, Contact	
20	4360476	1	Switch, Contact Block	
21	4460426	1	Connector, Strain Relief	
22	4460470	1	Nut, Terminal	
23	4460471	1	Lockwasher, Terminal	
24	4460488	6	Mounting Base, Terminal	
25	4460496	1	Washer, Terminal	
26	4460497	1	Nut, Terminal	
27	4460526	1	Connector, Strain Relief	
28	4711400	2	Washer 1/4	
29	4740397	9	Spacer	
30	4740518	2	Washer	
31	4751400	7	Washer 1/4	
33	4891500	4	Washer 5/16	
34	77143013	11	Nut 1/4	
35	1001103308	2	Thumbscrew 1/4 x 3/4	
36	1001103667	1	Module, Ground Control (Please Verify Part Number on Module Decal Before Purchasing) (Note: Recalibration Required When Replaced)	
36	1001280600	1	Module, Ground Control (Please Verify Part Number on Module Decal Before Purchasing) (Note: Recalibration Required When Replaced)	
37	1001106736	1	Cap, Dust	
38	1001152175	1	Box	
39	1001155043	9	Washer	
40	1001155044	9	Nut 15/32	
41	1001155045	9	Switch, Toggle	
42	1001165776	1	Engine Harness (Not Shown - See Separate Breakdown in	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
43	1001170808	1	ELECTRICAL Section) Control Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
44	1001171482	1	Gauge, Display	
45	1001188874	2	Nut	
46	1001263352	1	Lid	
47	1001266628	1	Ground Control Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
49	1001266876	1	Decal - Ground Control Box	
50	0760612	2	Bolt M6 x 25	
51	3290605	2	Nut M6	
52	4811700	4	Washer M6	
53	1001219601	1	Sensor, Tilt Dual Axis CAN	
54	1001271794	1	Bracket, Tilt Sensor	
55	1001276143	1	Harness, Tilt Sensor	

SECTION 2 - TURNTABLE

FIGURE 2-38. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 - WITH MECHANICAL HOUR METER (ANSI SPECS)



ART_1001266875_C

SECTION 2 - TURNTABLE

FIGURE 2-38. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 - WITH MECHANICAL HOUR METER (ANSI SPECS)

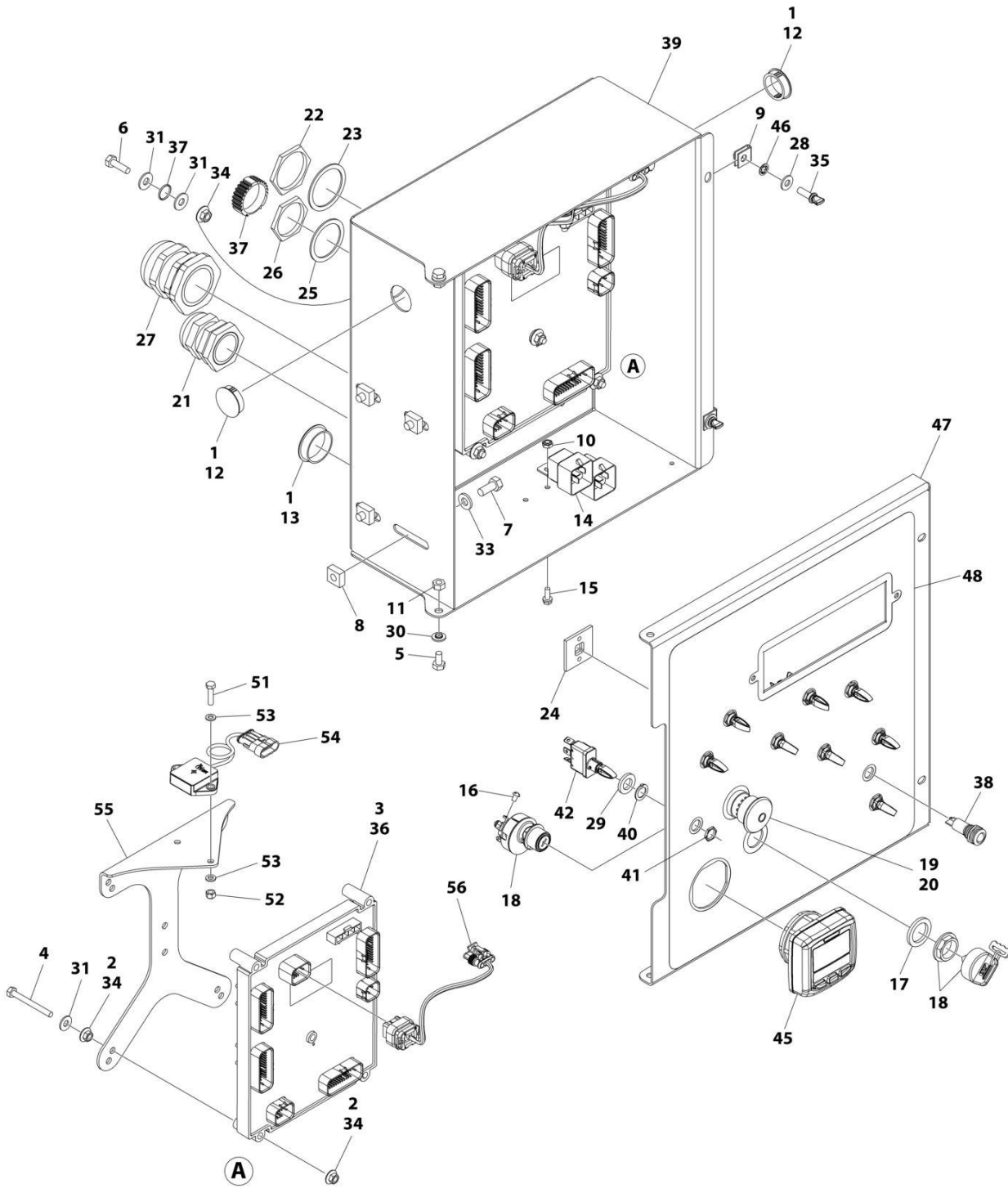
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266875	Ref	GROUND CONTROL BOX ASSEMBLY	C
1	0100009	AR	Sealant	
2	0100011	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0630548	5	Bolt 2-1/2	
5	0641404	2	Bolt 1/4 x 1/2	
6	0641407	1	Bolt 1/4 x 7/8	
7	0641506	4	Bolt 5/16 x 3/4	
8	3300205	4	Nut, Retainer	
9	3300353	2	Nut, Tinnerman	
10	3300408	2	Nut, Nylon Insert	
11	3311405	2	Nut 1/4	
12	3520031	2	Plug	
13	3520035	1	Plug	
14	3740049	2	Relay	
15	3900268	2	Screw #10x1/2	
16	3910804	6	Screw #8 x 1/4	
17	4070991	1	Shim	
18	4360469	1	Switch, Key	
18	2860030	1 Set	Key Replacement	
19	4360475	1	Switch, Emergency Stop	
19	7020175	1	Cap, Mushroom	
19	7020176	1	Block, Contact	
20	4360476	1	Switch, Contact Block	
21	4460426	1	Connector, Strain Relief	
22	4460470	1	Nut, Terminal	
23	4460471	1	Lockwasher, Terminal	
24	4460488	6	Mounting Base, Terminal	
25	4460496	1	Washer, Terminal	
26	4460497	1	Nut, Terminal	
27	4460526	1	Connector, Strain Relief	
28	4711400	2	Washer 1/4	
29	4740397	9	Spacer	
30	4740518	2	Washer	
31	4751400	7	Washer 1/4	
33	4891500	4	Washer 5/16	
34	77143013	11	Nut 1/4	
35	1001103308	2	Thumbscrew 1/4 x 3/4	
36	1001280600	1	Module, Ground Control (Note: Recalibration Required When Replaced)	
37	1001106736	1	Cap, Dust	
38	1001152175	1	Box	
39	1001155043	9	Washer	
40	1001155044	9	Nut 15/32	
41	1001155045	9	Switch, Toggle	
42	1001165776	1	Engine Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
43	1001170808	1	Control Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
44	10836804	1	Hour Meter	
45	1001188874	2	Nut	
46	1001280403	1	Lid	
47	1001266628	1	Ground Control Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
49	1001266876	1	Decal - Ground Control Box	
50	0760612	2	Bolt M6 x 25	
51	3290605	2	Nut M6	
52	4811700	4	Washer M6	
53	1001219601	1	Sensor, Tilt Dual Axis CAN	
54	1001271794	1	Bracket, Tilt Sensor	
55	1001276143	1	Harness, Tilt Sensor	

SECTION 2 - TURNTABLE

FIGURE 2-39. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 AND TOWER STOW - WITH DIGITAL DISPLAY (ANSI SPECS)



ART_1001263360

SECTION 2 - TURNTABLE

FIGURE 2-39. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 AND TOWER STOW - WITH DIGITAL DISPLAY (ANSI SPECS)

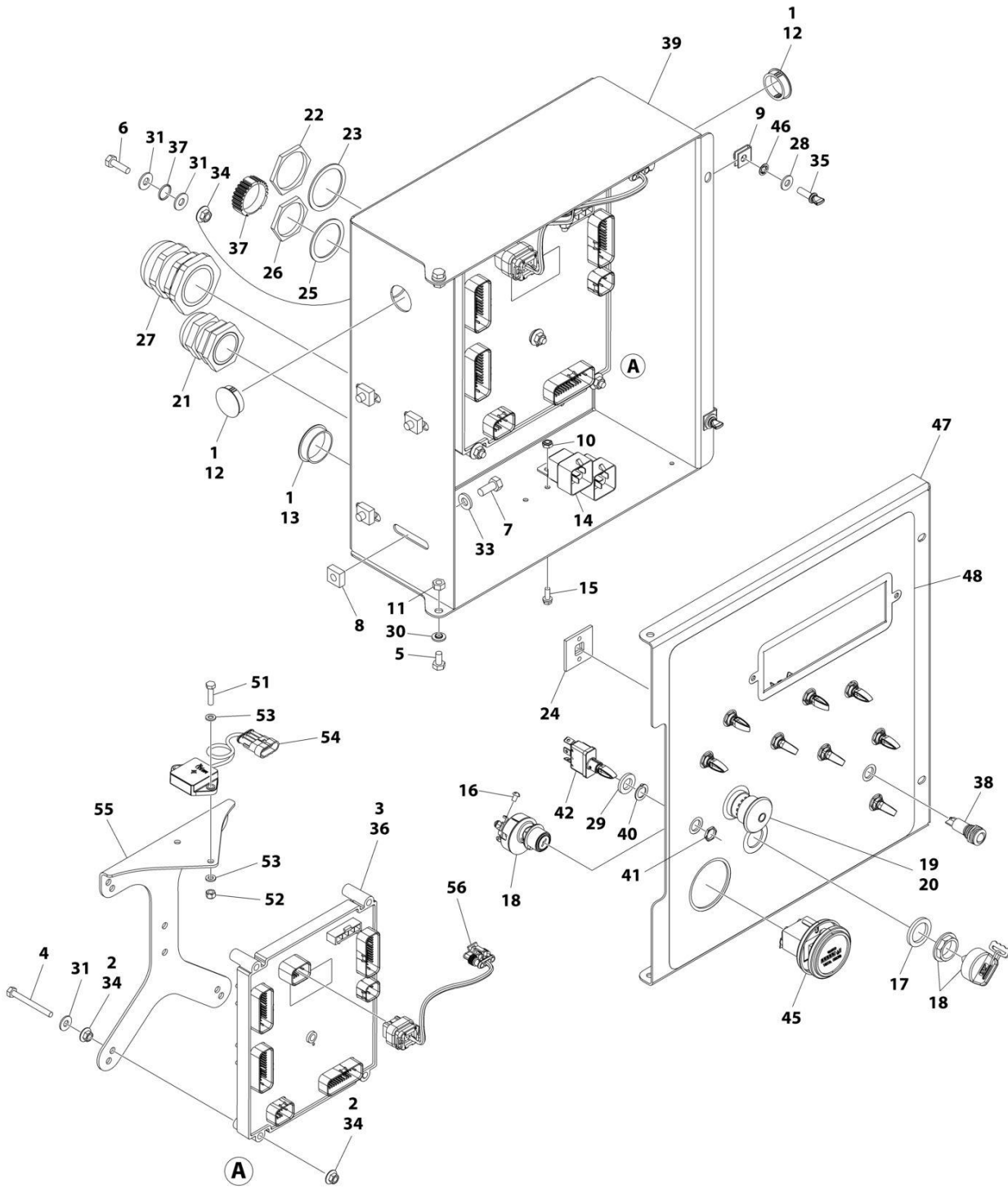
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263360	Ref	GROUND CONTROL BOX ASSEMBLY	B
1	0100009	AR	Sealant	
2	0100011	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0630548	5	Bolt 2-1/2	
5	0641404	2	Bolt 1/4 x 1/2	
6	0641407	1	Bolt 1/4 x 7/8	
7	0641506	4	Bolt 5/16 x 3/4	
8	3300205	4	Nut, Retainer	
9	3300353	2	Nut, Tinnerman	
10	3300408	2	Nut, Nylon Insert	
11	3311405	2	Nut 1/4	
12	3520031	2	Plug	
13	3520035	1	Plug	
14	3740049	2	Relay	
15	3900268	2	Screw #10x1/2	
16	3910804	6	Screw #8 x 1/4	
17	4070991	1	Shim	
18	4360469	1	Switch, Key	
18	2860030	1 Set	Key Replacement	
19	4360475	1	Switch, Emergency Stop	
19	7020175	1	Cap, Mushroom	
19	7020176	1	Block, Contact	
20	4360476	1	Switch, Contact Block	
21	4460426	1	Connector, Strain Relief	
22	4460470	1	Nut, Terminal	
23	4460471	1	Lockwasher, Terminal	
24	4460488	6	Mounting Base, Terminal	
25	4460496	1	Washer, Terminal	
26	4460497	1	Nut, Terminal	
27	4460526	1	Connector, Strain Relief	
28	4711400	2	Washer 1/4	
29	4740397	9	Spacer	
30	4740518	2	Washer	
31	4751400	7	Washer 1/4	
33	4891500	4	Washer 5/16	
34	77143013	11	Nut 1/4	
35	1001103308	2	Thumbscrew 1/4 x 3/4	
36	1001103667	1	Module, Ground Control (Please Verify Part Number on Module Decal Before Purchasing) (Note: Recalibration Required When Replaced)	
36	1001280600	1	Module, Ground Control (Please Verify Part Number on Module Decal Before Purchasing) (Note: Recalibration Required When Replaced)	
37	1001106736	1	Cap, Dust	
38	1001137364	1	Light, Indicator	
39	1001152175	1	Box	
40	1001155043	9	Washer	
41	1001155044	9	Nut 15/32	
42	1001155045	9	Switch, Toggle	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
43	1001165776	1	Engine Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
44	1001170808	1	Control Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
45	1001171482	1	Gauge, Display	
46	1001188874	2	Nut	
47	1001263352	1	Lid	
48	1001263356	1	Decal - Ground Control Box	
49	1001266628	1	Ground Control Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
51	0760612	2	Bolt M6 x 25	
52	3290605	2	Nut M6	
53	4811700	4	Washer M6	
54	1001219601	1	Sensor, Tilt Dual Axis CAN	
55	1001271794	1	Bracket, Tilt Sensor	
56	1001276143	1	Harness, Tilt Sensor	

SECTION 2 - TURNTABLE

FIGURE 2-40. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 AND TOWER STOW - WITH MECHANICAL HOUR METER (ANSI SPECS)



ART_1001263360_C

SECTION 2 - TURNTABLE

**FIGURE 2-40. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 AND TOWER STOW -
WITH MECHANICAL HOUR METER (ANSI SPECS)**

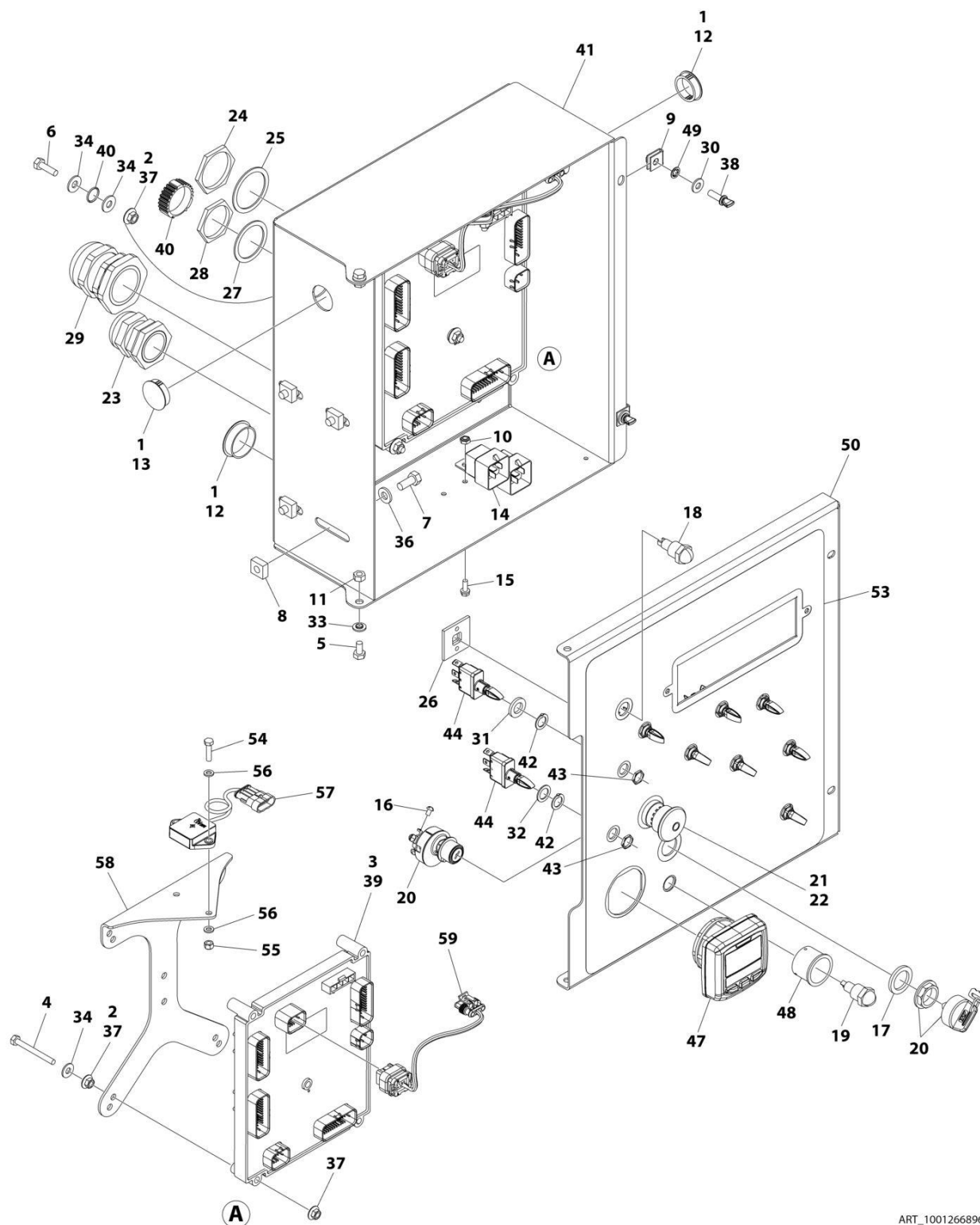
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263360	Ref	GROUND CONTROL BOX ASSEMBLY	C
1	0100009	AR	Sealant	
2	0100011	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0630548	5	Bolt 2-1/2	
5	0641404	2	Bolt 1/4 x 1/2	
6	0641407	1	Bolt 1/4 x 7/8	
7	0641506	4	Bolt 5/16 x 3/4	
8	3300205	4	Nut, Retainer	
9	3300353	2	Nut, Tinnerman	
10	3300408	2	Nut, Nylon Insert	
11	3311405	2	Nut 1/4	
12	3520031	2	Plug	
13	3520035	1	Plug	
14	3740049	2	Relay	
15	3900268	2	Screw #10x1/2	
16	3910804	6	Screw #8 x 1/4	
17	4070991	1	Shim	
18	4360469	1	Switch, Key	
18	2860030	1 Set	Key Replacement	
19	4360475	1	Switch, Emergency Stop	
19	7020175	1	Cap, Mushroom	
19	7020176	1	Block, Contact	
20	4360476	1	Switch, Contact Block	
21	4460426	1	Connector, Strain Relief	
22	4460470	1	Nut, Terminal	
23	4460471	1	Lockwasher, Terminal	
24	4460488	6	Mounting Base, Terminal	
25	4460496	1	Washer, Terminal	
26	4460497	1	Nut, Terminal	
27	4460526	1	Connector, Strain Relief	
28	4711400	2	Washer 1/4	
29	4740397	9	Spacer	
30	4740518	2	Washer	
31	4751400	7	Washer 1/4	
33	4891500	4	Washer 5/16	
34	77143013	11	Nut 1/4	
35	1001103308	2	Thumbscrew 1/4 x 3/4	
36	1001280600	1	Module, Ground Control (Note: Recalibration Required When Replaced)	
37	1001106736	1	Cap, Dust	
38	1001137364	1	Light, Indicator	
39	1001152175	1	Box	
40	1001155043	9	Washer	
41	1001155044	9	Nut 15/32	
42	1001155045	9	Switch, Toggle	
43	1001165776	1	Engine Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
44	1001170808	1	Control Valve Harness (Not Shown - See Separate Breakdown in	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
45	10836804	1	ELECTRICAL Section) Hour Meter	
46	1001188874	2	Nut	
47	1001280403	1	Lid	
48	1001263356	1	Decal - Ground Control Box	
49	1001266628	1	Ground Control Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
51	0760612	2	Bolt M6 x 25	
52	3290605	2	Nut M6	
53	4811700	4	Washer M6	
54	1001219601	1	Sensor, Tilt Dual Axis CAN	
55	1001271794	1	Bracket, Tilt Sensor	
56	1001276143	1	Harness, Tilt Sensor	

SECTION 2 - TURNTABLE

FIGURE 2-41. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 (STAGE V) (CE & UK CA SPECS)



SECTION 2 - TURNTABLE

FIGURE 2-41. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 (STAGE V) (CE & UK CA SPECS)

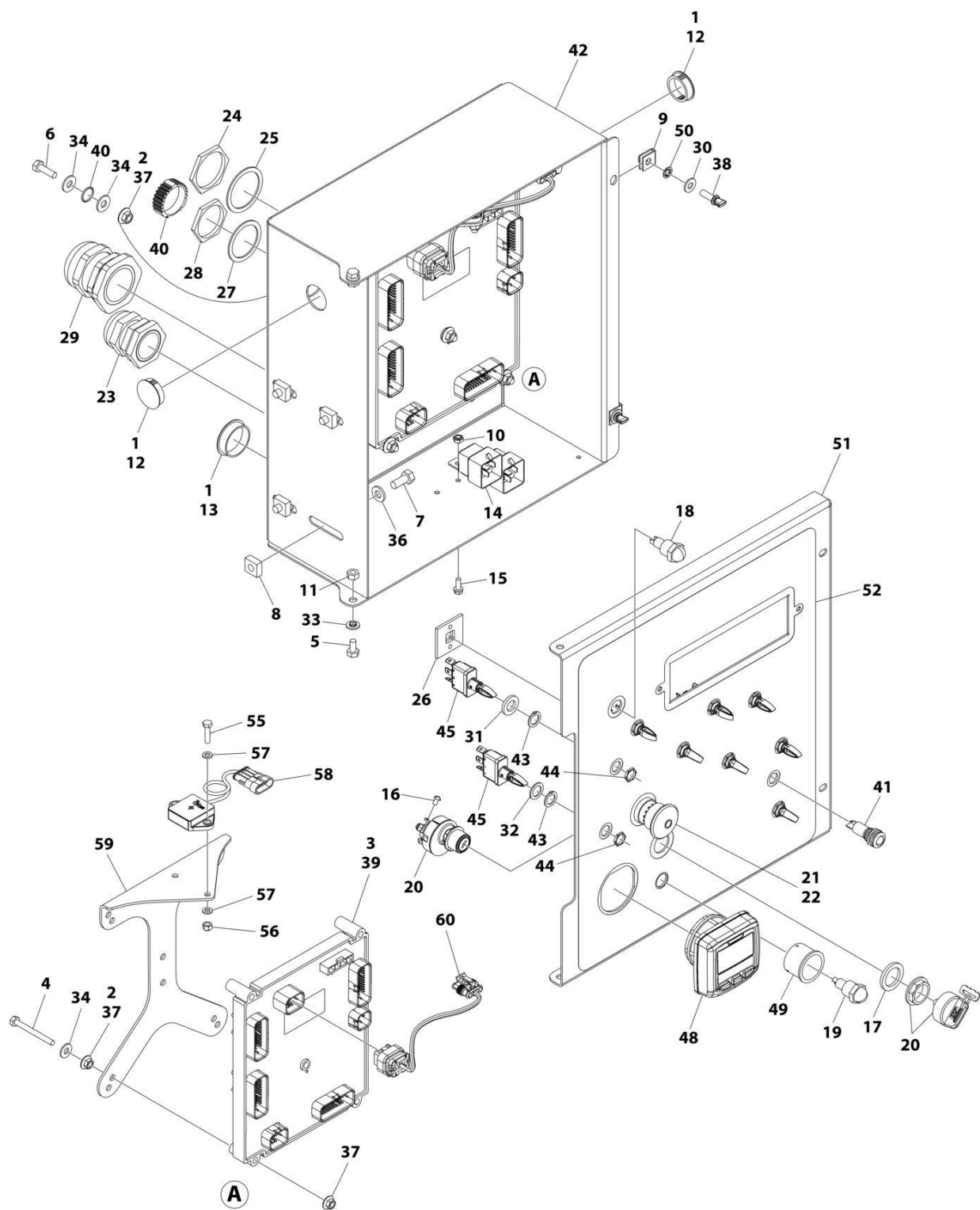
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266896	Ref	GROUND CONTROL BOX ASSEMBLY	B
1	0100009	AR	Sealant	
2	0100011	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0630548	5	Bolt 2-1/2	
5	0641404	2	Bolt 1/4 x 1/2	
6	0641407	1	Bolt 1/4 x 7/8	
7	0641506	4	Bolt 5/16 x 3/4	
8	3300205	4	Nut, Retainer	
9	3300353	2	Nut, Tinnerman	
10	3300408	2	Nut, Nylon Insert	
11	3311405	2	Nut 1/4	
12	3520031	2	Plug	
13	3520035	1	Plug	
14	3740049	2	Relay	
15	3900268	2	Screw #10x1/2	
16	3910804	6	Screw #8 x 1/4	
17	4070991	1	Shim	
18	4360274	1	Switch, Push Button	
19	4360387	1	Switch, Push Button	
20	4360469	1	Switch, Key	
20	2860030	1 Set	Key Replacement	
21	4360475	1	Switch, Emergency Stop	
21	7020175	1	Cap, Mushroom	
21	7020176	1	Block, Contact	
22	4360476	1	Switch, Contact Block	
23	4460426	1	Connector, Strain Relief	
24	4460470	1	Nut, Terminal	
25	4460471	1	Lockwasher, Terminal	
26	4460488	6	Mounting Base, Terminal	
27	4460496	1	Washer, Terminal	
28	4460497	1	Nut, Terminal	
29	4460526	1	Connector, Strain Relief	
30	4711400	2	Washer 1/4	
31	4740397	8	Spacer	
32	4740444	1	Washer	
33	4740518	2	Washer	
34	4751400	7	Washer 1/4	
36	4891500	4	Washer 5/16	
37	77143013	11	Nut 1/4	
38	1001103308	2	Thumbscrew 1/4 x 3/4	
39	1001103667	1	Module, Ground Control (Note: Recalibration Required When Replaced)	
40	1001106736	1	Cap, Dust	
41	1001152175	1	Box	
42	1001155043	9	Washer	
43	1001155044	9	Nut 15/32	
44	1001155045	9	Switch, Toggle	
45	1001165776	1	Engine Harness (Not Shown - See Separate Breakdown in	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
46	1001170808	1	ELECTRICAL Section) Control Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
47	1001171482	1	Gauge, Display	
48	1001176469	1	Shroud	
49	1001188874	2	Nut	
50	1001263353	1	Lid	
51	1001266628	1	Ground Control Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
53	1001266878	1	Decal - Ground Control Box	
54	0760612	2	Bolt M6 x 25	
55	3290605	2	Nut M6	
56	4811700	4	Washer M6	
57	1001219601	1	Sensor, Tilt Dual Axis CAN	
58	1001271794	1	Bracket, Tilt Sensor	
59	1001276143	1	Harness, Tilt Sensor	

SECTION 2 - TURNTABLE

FIGURE 2-42. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 (STAGE V) AND TOWER STOW (CE & UK CA SPECS)



ART_1001263364

SECTION 2 - TURNTABLE

FIGURE 2-42. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 (STAGE V) AND TOWER STOW (CE & UK CA SPECS)

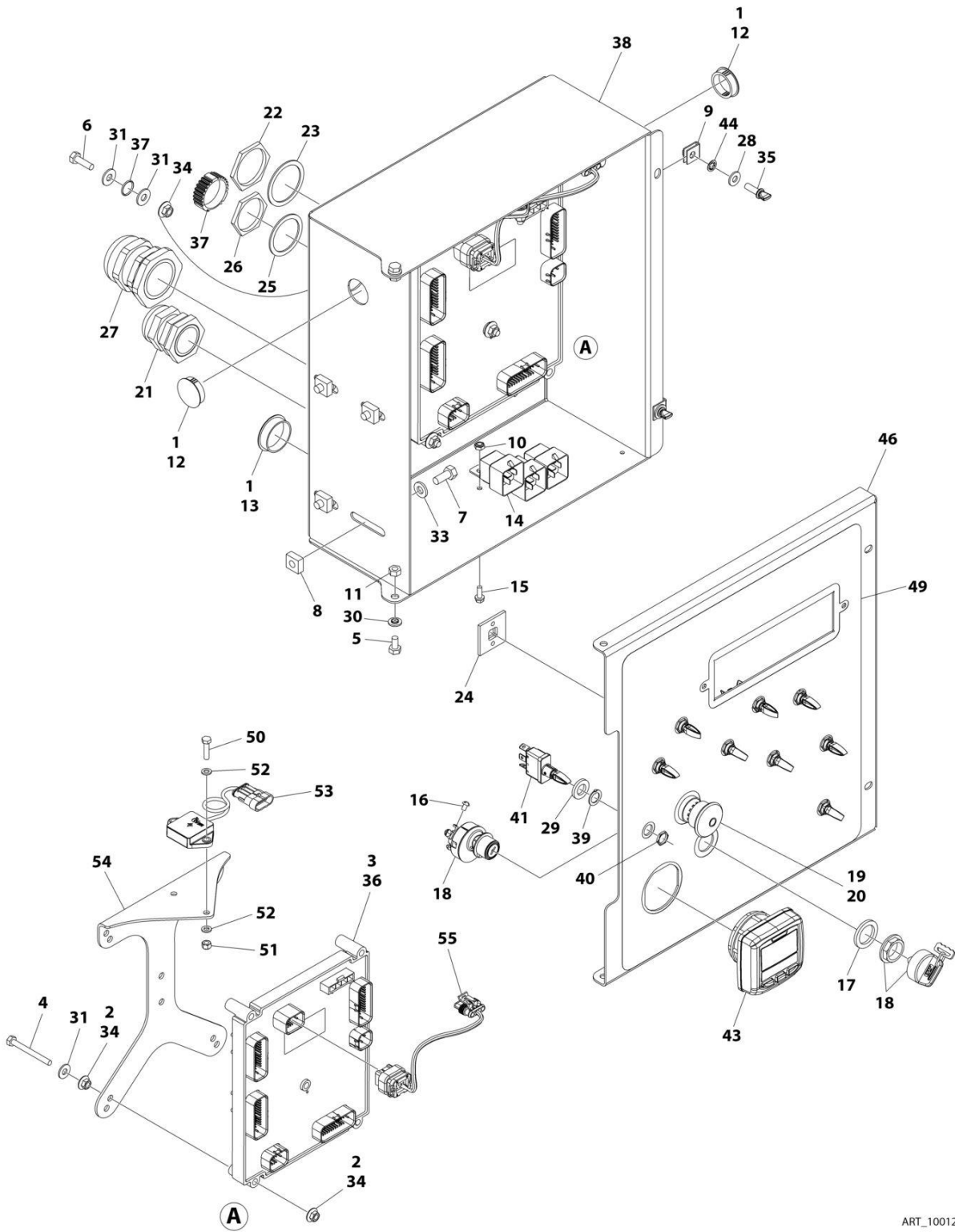
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263364	Ref	GROUND CONTROL BOX ASSEMBLY	B
1	0100009	AR	Sealant	
2	0100011	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0630548	5	Bolt 2-1/2	
5	0641404	2	Bolt 1/4 x 1/2	
6	0641407	1	Bolt 1/4 x 7/8	
7	0641506	4	Bolt 5/16 x 3/4	
8	3300205	4	Nut, Retainer	
9	3300353	2	Nut, Tinnerman	
10	3300408	2	Nut, Nylon Insert	
11	3311405	2	Nut 1/4	
12	3520031	2	Plug	
13	3520035	1	Plug	
14	3740049	2	Relay	
15	3900268	2	Screw #10x1/2	
16	3910804	6	Screw #8 x 1/4	
17	4070991	1	Shim	
18	4360274	1	Switch, Push Button	
19	4360387	1	Switch, Push Button	
20	4360469	1	Switch, Key	
20	2860030	1 Set	Key Replacement	
21	4360475	1	Switch, Emergency Stop	
21	7020175	1	Cap, Mushroom	
21	7020176	1	Block, Contact	
22	4360476	1	Switch, Contact Block	
23	4460426	1	Connector, Strain Relief	
24	4460470	1	Nut, Terminal	
25	4460471	1	Lockwasher, Terminal	
26	4460488	6	Mounting Base, Terminal	
27	4460496	1	Washer, Terminal	
28	4460497	1	Nut, Terminal	
29	4460526	1	Connector, Strain Relief	
30	4711400	2	Washer 1/4	
31	4740397	8	Spacer	
32	4740444	1	Washer	
33	4740518	2	Washer	
34	4751400	7	Washer 1/4	
36	4891500	4	Washer 5/16	
37	77143013	11	Nut 1/4	
38	1001103308	2	Thumbscrew 1/4 x 3/4	
39	1001103667	1	Module, Ground Control (Note: Recalibration Required When Replaced)	
40	1001106736	1	Cap, Dust	
41	1001137364	1	Light, Indicator	
42	1001152175	1	Box	
43	1001155043	9	Washer	
44	1001155044	9	Nut 15/32	
45	1001155045	9	Switch, Toggle	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
46	1001165776	1	Engine Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
47	1001170808	1	Control Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
48	1001171482	1	Gauge, Display	
49	1001176469	1	Shroud	
50	1001188874	2	Nut	
51	1001263353	1	Lid	
52	1001263357	1	Decal - Ground Control Box	
53	1001266628	1	Ground Control Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
55	0760612	2	Bolt M6 x 25	
56	3290605	2	Nut M6	
57	4811700	4	Washer M6	
58	1001219601	1	Sensor, Tilt Dual Axis CAN	
59	1001271794	1	Bracket, Tilt Sensor	
60	1001276143	1	Harness, Tilt Sensor	

SECTION 2 - TURNTABLE

FIGURE 2-43. GROUND CONTROL BOX ASSEMBLY - WITH FORD ENGINES - WITH DIGITAL DISPLAY



ART_1001266895

SECTION 2 - TURNTABLE

FIGURE 2-43. GROUND CONTROL BOX ASSEMBLY - WITH FORD ENGINES - WITH DIGITAL DISPLAY

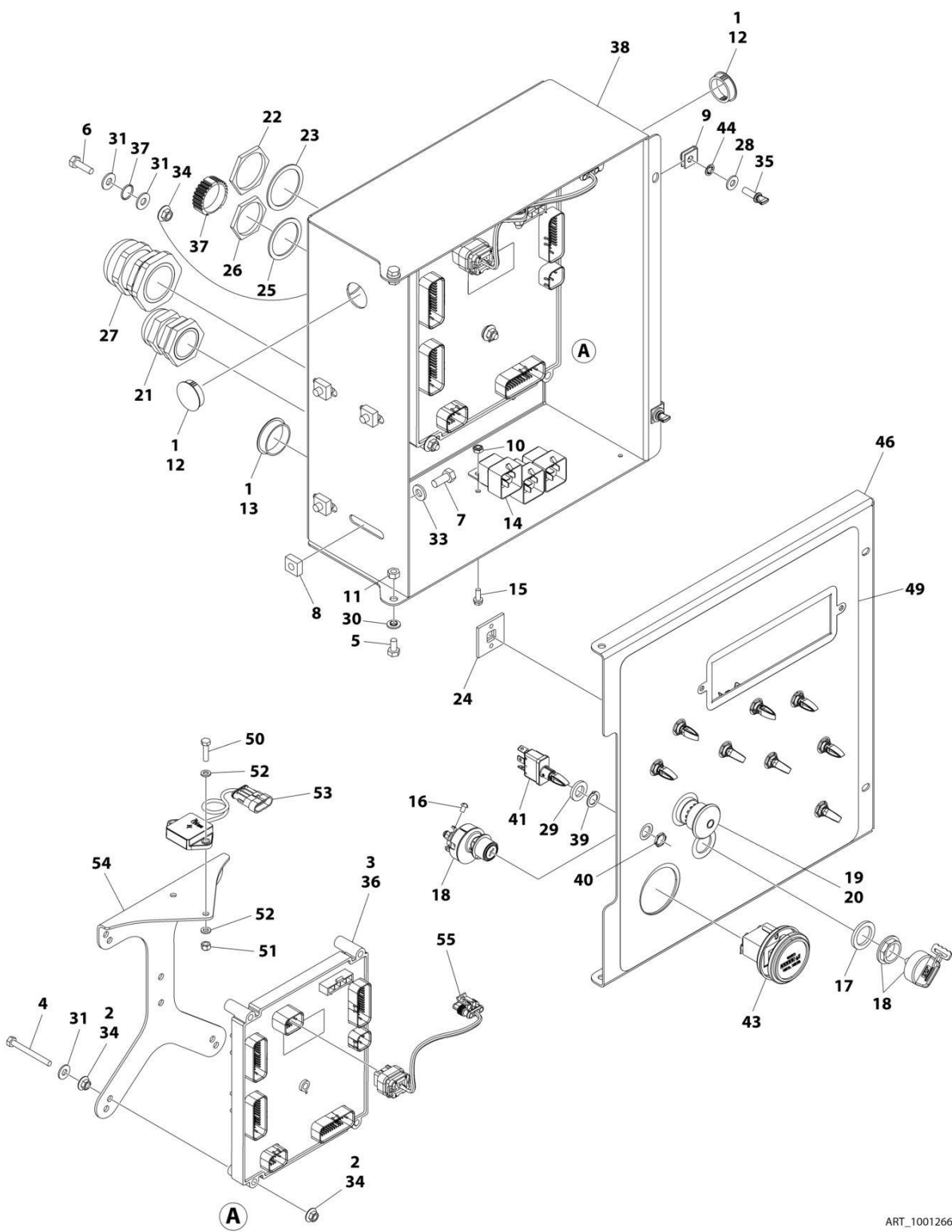
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266895	Ref	GROUND CONTROL BOX ASSEMBLY	B
1	0100009	AR	Sealant	
2	0100011	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0630548	5	Bolt 2-1/2	
5	0641404	2	Bolt 1/4 x 1/2	
6	0641407	1	Bolt 1/4 x 7/8	
7	0641506	4	Bolt 5/16 x 3/4	
8	3300205	4	Nut, Retainer	
9	3300353	2	Nut, Tinnerman	
10	3300408	3	Nut, Nylon Insert	
11	3311405	2	Nut 1/4	
12	3520031	2	Plug	
13	3520035	1	Plug	
14	3740049	3	Relay	
15	3900268	3	Screw #10x1/2	
16	3910804	6	Screw #8 x 1/4	
17	4070991	1	Shim	
18	4360469	1	Switch, Key	
18	2860030	1 Set	Key Replacement	
19	4360475	1	Switch, Emergency Stop	
19	7020175	1	Cap, Mushroom	
19	7020176	1	Block, Contact	
20	4360476	1	Switch, Contact Block	
21	4460426	1	Connector, Strain Relief	
22	4460470	1	Nut, Terminal	
23	4460471	1	Lockwasher, Terminal	
24	4460488	6	Mounting Base, Terminal	
25	4460496	1	Washer, Terminal	
26	4460497	1	Nut, Terminal	
27	4460526	1	Connector, Strain Relief	
28	4711400	2	Washer 1/4	
29	4740397	9	Spacer	
30	4740518	2	Washer	
31	4751400	7	Washer 1/4	
33	4891500	4	Washer 5/16	
34	77143013	11	Nut 1/4	
35	1001103308	2	Thumbscrew 1/4 x 3/4	
36	1001103667	1	Module, Ground Control (Please Verify Part Number on Module Decal Before Purchasing) (Note: Recalibration Required When Replaced)	
36	1001280600	1	Module, Ground Control (Please Verify Part Number on Module Decal Before Purchasing) (Note: Recalibration Required When Replaced)	
37	1001106736	1	Cap, Dust	
38	1001152175	1	Box	
39	1001155043	9	Washer	
40	1001155044	9	Nut 15/32	
41	1001155045	9	Switch, Toggle	
42	1001170808	1	Control Valve Harness (Not Shown - See Separate Breakdown in	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
43	1001171482	1	ELECTRICAL Section) Gauge, Display	
44	1001188874	2	Nut	
45	1001216230	1	Engine Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
46	1001263352	1	Lid	
47	1001266628	1	Ground Control Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
49	1001266876	1	Decal - Ground Control Box	
50	0760612	2	Bolt M6 x 25	
51	3290605	2	Nut M6	
52	4811700	4	Washer M6	
53	1001219601	1	Sensor, Tilt Dual Axis CAN	
54	1001271794	1	Bracket, Tilt Sensor	
55	1001276143	1	Harness, Tilt Sensor	

SECTION 2 - TURNTABLE

FIGURE 2-44. GROUND CONTROL BOX ASSEMBLY - WITH FORD ENGINES - WITH MECHANICAL HOUR METER



ART_1001266895_C

SECTION 2 - TURNTABLE

FIGURE 2-44. GROUND CONTROL BOX ASSEMBLY - WITH FORD ENGINES - WITH MECHANICAL HOUR METER

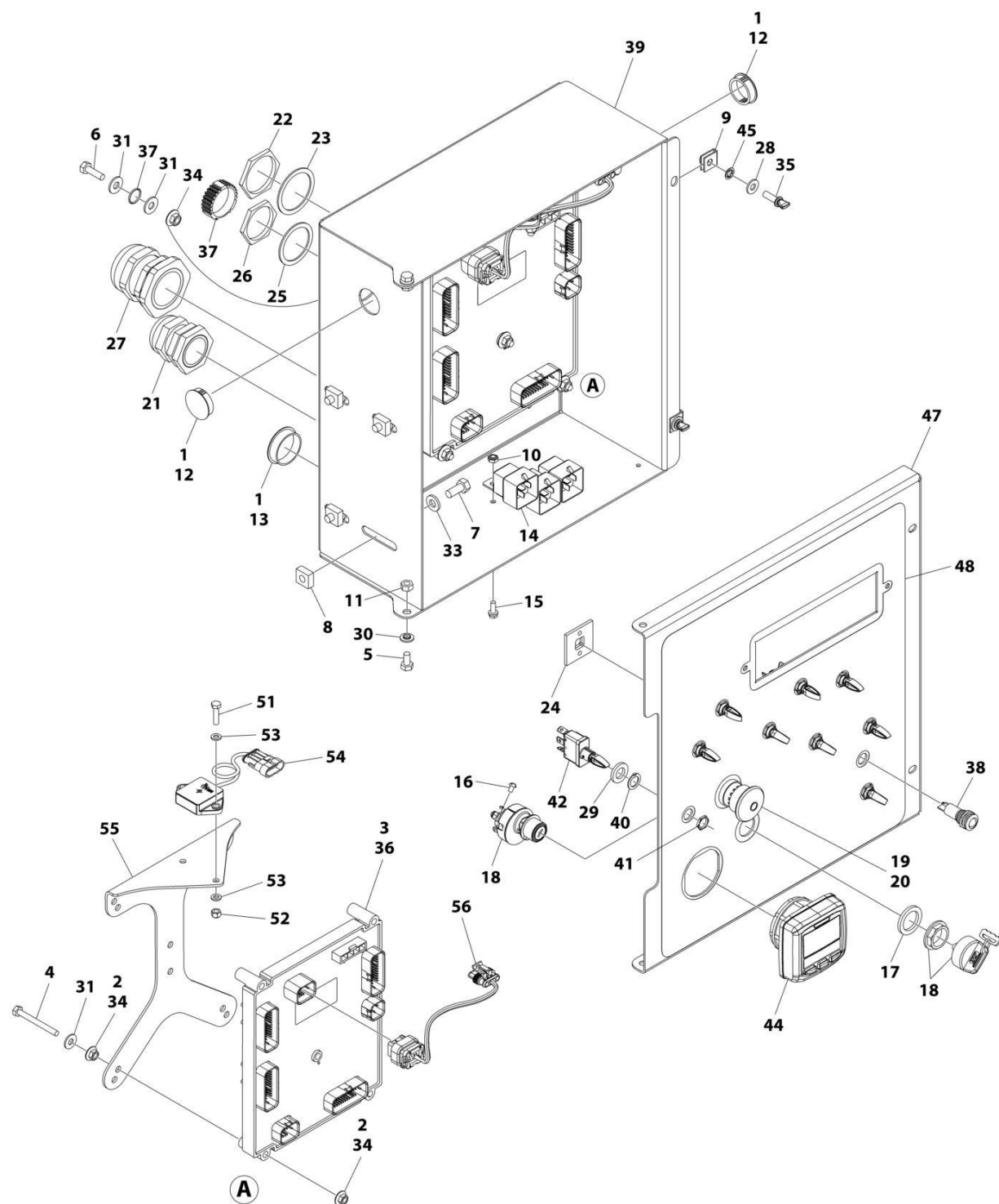
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266895	Ref	GROUND CONTROL BOX ASSEMBLY	C
1	0100009	AR	Sealant	
2	0100011	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0630548	5	Bolt 2-1/2	
5	0641404	2	Bolt 1/4 x 1/2	
6	0641407	1	Bolt 1/4 x 7/8	
7	0641506	4	Bolt 5/16 x 3/4	
8	3300205	4	Nut, Retainer	
9	3300353	2	Nut, Tinnerman	
10	3300408	3	Nut, Nylon Insert	
11	3311405	2	Nut 1/4	
12	3520031	2	Plug	
13	3520035	1	Plug	
14	3740049	3	Relay	
15	3900268	3	Screw #10 x 1/2	
16	3910804	6	Screw #8 x 1/4	
17	4070991	1	Shim	
18	4360469	1	Switch, Key	
18	2860030	1 Set	Key Replacement	
19	4360475	1	Switch, Emergency Stop	
19	7020175	1	Cap, Mushroom	
19	7020176	1	Block, Contact	
20	4360476	1	Switch, Contact Block	
21	4460426	1	Connector, Strain Relief	
22	4460470	1	Nut, Terminal	
23	4460471	1	Lockwasher, Terminal	
24	4460488	6	Mounting Base, Terminal	
25	4460496	1	Washer, Terminal	
26	4460497	1	Nut, Terminal	
27	4460526	1	Connector, Strain Relief	
28	4711400	2	Washer 1/4	
29	4740397	9	Spacer	
30	4740518	2	Washer	
31	4751400	7	Washer 1/4	
33	4891500	4	Washer 5/16	
34	77143013	11	Nut 1/4	
35	1001103308	2	Thumbscrew 1/4 x 3/4	
36	1001280600	1	Module, Ground Control (Note: Recalibration Required When Replaced)	
37	1001106736	1	Cap, Dust	
38	1001152175	1	Box	
39	1001155043	9	Washer	
40	1001155044	9	Nut 15/32	
41	1001155045	9	Switch, Toggle	
42	1001170808	1	Control Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
43	10836804	1	Hour Meter	
44	1001188874	2	Nut	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
45	1001216230	1	Engine Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
46	1001280403	1	Lid	
47	1001266628	1	Ground Control Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
49	1001266876	1	Decal - Ground Control Box	
50	0760612	2	Bolt M6 x 25	
51	3290605	2	Nut M6	
52	4811700	4	Washer M6	
53	1001219601	1	Sensor, Tilt Dual Axis CAN	
54	1001271794	1	Bracket, Tilt Sensor	
55	1001276143	1	Harness, Tilt Sensor	

SECTION 2 - TURNTABLE

FIGURE 2-45. GROUND CONTROL BOX ASSEMBLY - WITH FORD ENGINES AND TOWER STOW - WITH DIGITAL DISPLAY



ART_1001263363

SECTION 2 - TURNTABLE

FIGURE 2-45. GROUND CONTROL BOX ASSEMBLY - WITH FORD ENGINES AND TOWER STOW - WITH DIGITAL DISPLAY

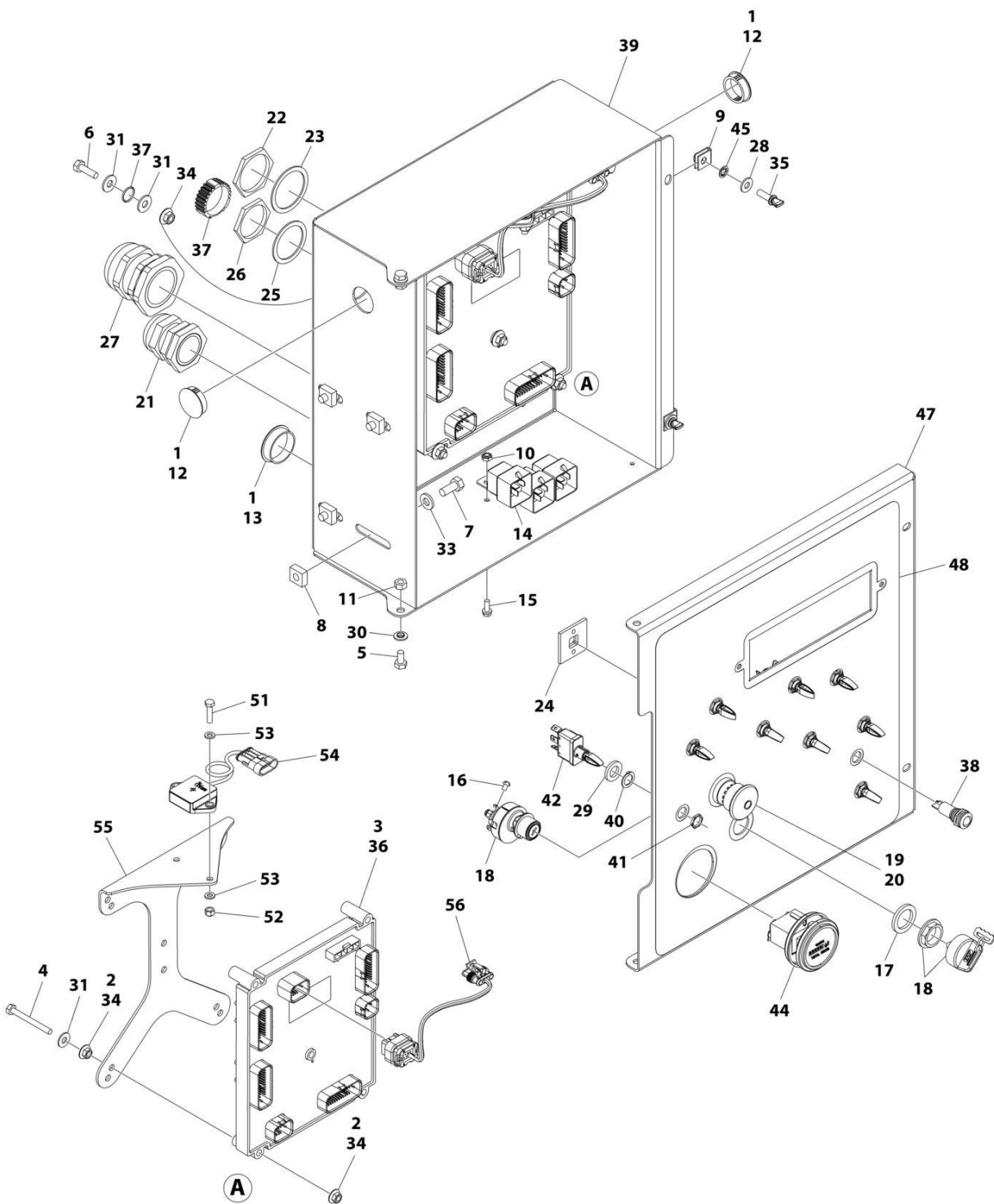
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263363	Ref	GROUND CONTROL BOX ASSEMBLY	B
1	0100009	AR	Sealant	
2	0100011	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0630548	5	Bolt 2-1/2	
5	0641404	2	Bolt 1/4 x 1/2	
6	0641407	1	Bolt 1/4 x 7/8	
7	0641506	4	Bolt 5/16 x 3/4	
8	3300205	4	Nut, Retainer	
9	3300353	2	Nut, Tinnerman	
10	3300408	3	Nut, Nylon Insert	
11	3311405	2	Nut 1/4	
12	3520031	2	Plug	
13	3520035	1	Plug	
14	3740049	3	Relay	
15	3900268	3	Screw #10x1/2	
16	3910804	6	Screw #8 x 1/4	
17	4070991	1	Shim	
18	4360469	1	Switch, Key	
18	2860030	1 Set	Key Replacement	
19	4360475	1	Switch, Emergency Stop	
19	7020175	1	Cap, Mushroom	
19	7020176	1	Block, Contact	
20	4360476	1	Switch, Contact Block	
21	4460426	1	Connector, Strain Relief	
22	4460470	1	Nut, Terminal	
23	4460471	1	Lockwasher, Terminal	
24	4460488	6	Mounting Base, Terminal	
25	4460496	1	Washer, Terminal	
26	4460497	1	Nut, Terminal	
27	4460526	1	Connector, Strain Relief	
28	4711400	2	Washer 1/4	
29	4740397	9	Spacer	
30	4740518	2	Washer	
31	4751400	7	Washer 1/4	
33	4891500	4	Washer 5/16	
34	77143013	11	Nut 1/4	
35	1001103308	2	Thumbscrew 1/4 x 3/4	
36	1001103667	1	Module, Ground Control (Please Verify Part Number on Module Decal Before Purchasing) (Note: Recalibration Required When Replaced)	
36	1001280600	1	Module, Ground Control (Please Verify Part Number on Module Decal Before Purchasing) (Note: Recalibration Required When Replaced)	
37	1001106736	1	Cap, Dust	
38	1001137364	1	Light, Indicator	
39	1001152175	1	Box	
40	1001155043	9	Washer	
41	1001155044	9	Nut 15/32	
42	1001155045	9	Switch, Toggle	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
43	1001170808	1	Control Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
44	1001171482	1	Gauge, Display	
45	1001188874	2	Nut	
46	1001216230	1	Engine Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
47	1001263352	1	Lid	
48	1001263356	1	Decal - Ground Control Box	
49	1001266628	1	Ground Control Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
51	0760612	2	Bolt M6 x 25	
52	3290605	2	Nut M6	
53	4811700	4	Washer M6	
54	1001219601	1	Sensor, Tilt Dual Axis CAN	
55	1001271794	1	Bracket, Tilt Sensor	
56	1001276143	1	Harness, Tilt Sensor	

SECTION 2 - TURNTABLE

FIGURE 2-46. GROUND CONTROL BOX ASSEMBLY - WITH FORD ENGINES AND TOWER STOW - WITH MECHANICAL HOUR METER



ART_1001263363_C

SECTION 2 - TURNTABLE

**FIGURE 2-46. GROUND CONTROL BOX ASSEMBLY - WITH FORD ENGINES AND TOWER STOW -
WITH MECHANICAL HOUR METER**

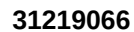
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263363	Ref	GROUND CONTROL BOX ASSEMBLY	C
1	0100009	AR	Sealant	
2	0100011	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0630548	5	Bolt 2-1/2	
5	0641404	2	Bolt 1/4 x 1/2	
6	0641407	1	Bolt 1/4 x 7/8	
7	0641506	4	Bolt 5/16 x 3/4	
8	3300205	4	Nut, Retainer	
9	3300353	2	Nut, Tinnerman	
10	3300408	3	Nut, Nylon Insert	
11	3311405	2	Nut 1/4	
12	3520031	2	Plug	
13	3520035	1	Plug	
14	3740049	3	Relay	
15	3900268	3	Screw #10x1/2	
16	3910804	6	Screw #8 x 1/4	
17	4070991	1	Shim	
18	4360469	1	Switch, Key	
18	2860030	1 Set	Key Replacement	
19	4360475	1	Switch, Emergency Stop	
19	7020175	1	Cap, Mushroom	
19	7020176	1	Block, Contact	
20	4360476	1	Switch, Contact Block	
21	4460426	1	Connector, Strain Relief	
22	4460470	1	Nut, Terminal	
23	4460471	1	Lockwasher, Terminal	
24	4460488	6	Mounting Base, Terminal	
25	4460496	1	Washer, Terminal	
26	4460497	1	Nut, Terminal	
27	4460526	1	Connector, Strain Relief	
28	4711400	2	Washer 1/4	
29	4740397	9	Spacer	
30	4740518	2	Washer	
31	4751400	7	Washer 1/4	
33	4891500	4	Washer 5/16	
34	77143013	11	Nut 1/4	
35	1001103308	2	Thumbscrew 1/4 x 3/4	
36	1001280600	1	Module, Ground Control (Note: Recalibration Required When Replaced)	
37	1001106736	1	Cap, Dust	
38	1001137364	1	Light, Indicator	
39	1001152175	1	Box	
40	1001155043	9	Washer	
41	1001155044	9	Nut 15/32	
42	1001155045	9	Switch, Toggle	
43	1001170808	1	Control Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
44	10836804	1	Hour Meter	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
45	1001188874	2	Nut	
46	1001216230	1	Engine Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
47	1001280403	1	Lid	
48	1001263356	1	Decal - Ground Control Box	
49	1001266628	1	Ground Control Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
51	0760612	2	Bolt M6 x 25	
52	3290605	2	Nut M6	
53	4811700	4	Washer M6	
54	1001219601	1	Sensor, Tilt Dual Axis CAN	
55	1001271794	1	Bracket, Tilt Sensor	
56	1001276143	1	Harness, Tilt Sensor	

194

800AJ



ART 1001099137

SECTION 2 - TURNTABLE

FIGURE 2-47. HOODS INSTALLATION - ABS (DEUTZ D2011 ENGINES)

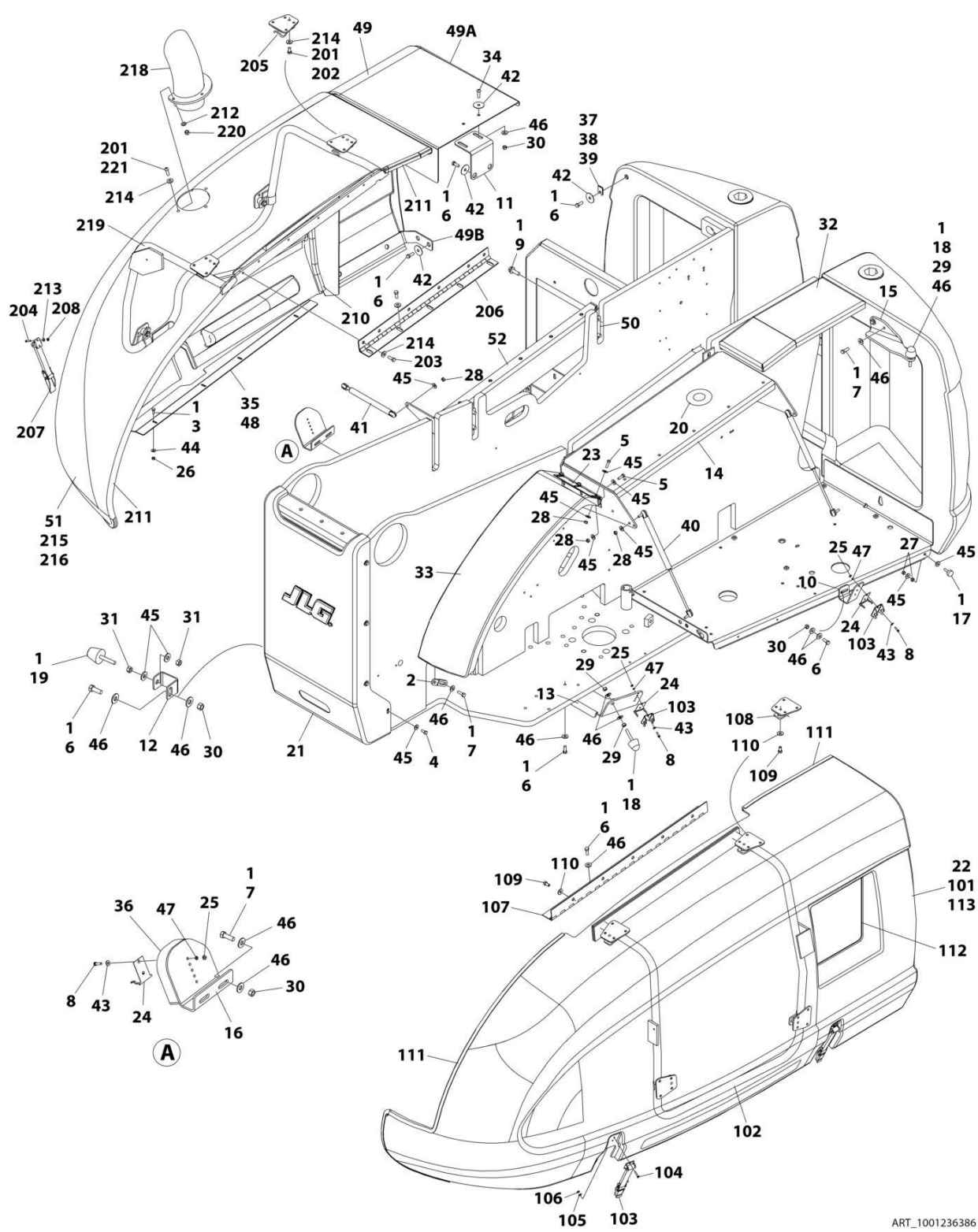
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001099137	Ref	HOODS INSTALLATION	F
1	0100011	AR	Compound, Locking	
2	0362770	1	Bar, Panel Mounting	
3	0811812	8	Bolt	
4	0641406	4	Bolt 1/4 x 3/4	
5	0641508	6	Bolt 5/16 x 1	
6	0641608	22	Bolt 3/8 x 1	
7	0641609	5	Bolt 3/8 x 1-1/8	
8	0721006	6	Screw #10 x 3/4	
9	0902143	1	Bracket, Latch (Tank Side)	
10	0902161	1	Bracket, Hood Spacer Mounting (Engine Side)	
11	0902219	2	Bracket, Bumper	
12	0902223	1	Bracket, Latch (Tank Side)	
13	1001207558	1	Bracket, Hood Mounting (Engine Side)	
14	0902412	1	Bracket, Hood Mounting (Tank Side)	
15	0902426	1	Bracket, Bumper - Counterweight Mounted	
16	0902491	1	Bracket, Latch (Engine Side)	
17	0940071	2	Bumper	
18	1670842	1	Cover, Turntable End	
19	1671228	1	Hood Assembly - Tank Side (See Items 101-113 for Breakdown)	
19		Ref	Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.	
20	1671233	1	Spacer Assembly	
20A	3960453	68 in /1.73m	Seal	
20B	0903308	1	Bracket	
21	1001099138	1	Hood Assembly - Engine Side (See Items 201-221 for Breakdown):	
21		Ref	Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION.	
22	2600244	1	Adapter, Panel Hinge	
23	3311001	6	Nut #10	
24	3311405	4	Nut 1/4	
25	3311505	9	Nut 5/16	
26	3311601	4	Nut 3/8	
27	3311605	7	Nut 3/8	
28	1001150260	4	Plate, Hinge Block	
29	1001290021	1	Cover, Top (Tank Side)	
30	3380444	1	Panel, Adapter	
31	3571712	1	Plate, Seal	
32	0940049	1	Stopper, Hood	
33	3900232	2	Screw 3/8 x 1-1/4	
34	3960389	3.5 ft/1m	Seal	
35	3960470	1	Seal, Latch	
36	4070410	AR	Shim 1/16	
37	4070411	AR	Shim 1/8	
38	4070412	AR	Shim 3/16	
39	4160139	2	Spring, Gas (Tank Side)	
40	4160143	1	Spring, Gas (Engine Side)	
41	4740076	5	Washer, Fender	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
43	4751000	6	Washer #10	A
44	4751400	4	Washer 1/4	
45	4751500	29	Washer 5/16	
46	4751600	35	Washer 3/8	
47	4761000	6	Washer #10	
48	3311501	2	Nut 5/16	
49	3321501	4	Nut 5/16	
50	1120601	1	Plug	
51	2940188	3	Latch	
52	0641506	8	Bolt, 5/16 x 3/4	
53	0940088	2	Bumper	
	1671228	Ref	HOOD ASSEMBLY (TANK SIDE)	
101	1671231	1	Hood	
102	1671232	1	Frame, Tubular	
103	2940088	2	Latch	
104	0721008	4	Screw, #10 x 1	
105	4751000	4	Washer #10	
106	3311001	4	Nut #10	
107	2600233	1	Hinge	
108	1321384	4	Hold Down	
109	0641606	9	Bolt 3/8 x 3/4	
110	4711600	9	Washer 3/8	
111	3960464	83 in /2.11m	Seal	B
112	3960438	55 in/1.4m	Seal	
113	3960462	53 in /1.35m	Seal	
	1001099138	Ref	HOOD ASSEMBLY (ENGINE SIDE)	
201	0641606	4	Bolt 3/8 x 3/4	
202	2820233	1	Insulation, Rear Sound	
203	0641608	6	Insulation, Center Sound	
204	2820235	1	Insulation, Rear Sound	
205	3311605	2	Nut 3/8	
206	3900232	2	Screw 3/8 x 1-1/4	
207	1001101623	1	Shield, Heat Gasket	
208	4740500	2	Washer	
209	4751600	14	Washer 3/8	
210	1001099121	1	Exhaust Tube Weldment	
211	2940088	1	Latch	
212	1671230	1	Frame, Tubular	
213	2600209	1	Hinge	
214	0721008	2	Screw, #10 x 1	
215	4751000	2	Washer #10	
216	3311001	2	Nut #10	
217	2820234	AR	Insulation	
218	1321384	4	Hold Down	
219	3960462	61 in /1.55m	Seal	
220	3960464	65 in /1.67m	Seal	
221	1001101673	AR	Insulation	

SECTION 2 - TURNTABLE

FIGURE 2-48. HOODS INSTALLATION - ABS (DEUTZ TD2.9L4 (STAGE V) ENGINES)



ART_1001236386

SECTION 2 - TURNTABLE

FIGURE 2-48. HOODS INSTALLATION - ABS (DEUTZ TD2.9L4 (STAGE V) ENGINES)

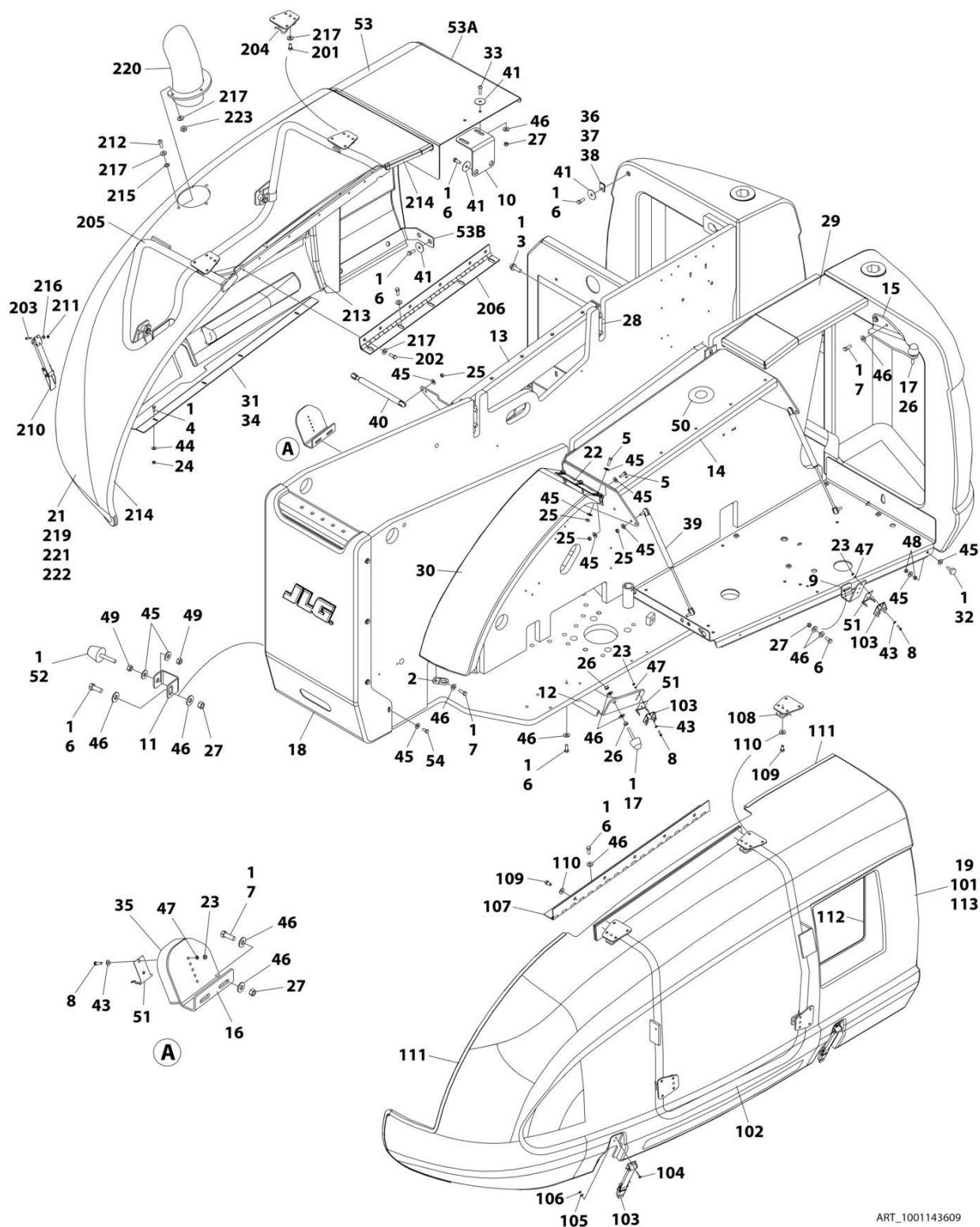
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236386	Ref	HOODS INSTALLATION	C
1	0100011	AR	Compound, Locking	
2	0362770	1	Bar, Panel Mounting	
3	0641406	4	Bolt 1/4 x 3/4	
4	0641506	8	Bolt 5/16 x 3/4	
5	0641508	6	Bolt 5/16 x 1	
6	0641608	21	Bolt 3/8 x 1	
7	0641609	5	Bolt 3/8 x 1-1/8	
8	0721006	6	Screw #10 x 3/4	
9	0811812	8	Bolt	
10	0902143	1	Bracket, Latch (Tank Side)	
11	0902161	1	Bracket, Hood Spacer Mounting (Engine Side)	
12	0902219	1	Bracket, Bumper	
13	0902223	1	Bracket, Latch (Tank Side)	
14	0902412	1	Bracket, Hood Mounting (Tank Side)	
15	0902426	1	Bracket, Bumper - Counterweight Mounted	
16	0902491	1	Bracket, Latch (Engine Side)	
17	0940049	1	Stopper, Hood	
18	0940071	2	Bumper	
19	0940088	2	Stopper	
20	1120601	1	Plug	
21	1670842	1	Cover, Turntable End	
22	1671228	1	Hood Assembly - Tank Side (See Items 101-113 for Breakdown)	
22		Ref	Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.	
23	2600244	1	Adapter, Panel Hinge	
24	2940188	3	Latch	
25	3311001	6	Nut #10	
26	3311405	4	Nut 1/4	
27	3311501	2	Nut 5/16	
28	3311505	9	Nut 5/16	
29	3311601	4	Nut 3/8	
30	3311605	6	Nut 3/8	
31	3321501	4	Nut 5/16	
32	1001290021	1	Cover, Top (Tank Side)	
33	3380444	1	Panel, Adapter	
34	3900232	2	Screw 3/8 x 1-1/4	
35	3960389	3.5 ft/1m	Seal	
36	3960470	1	Seal, Latch	
37	4070410	AR	Shim 1/16	
38	4070411	AR	Shim 1/8	
39	4070412	AR	Shim 3/16	
40	4160139	2	Spring, Gas (Tank Side)	
41	4160143	1	Spring, Gas (Engine Side)	
42	4740076	7	Washer, Fender	
43	4751000	6	Washer #10	
44	4751400	4	Washer 1/4	
45	4751500	29	Washer 5/16	
46	4751600	31	Washer 3/8	
47	4761000	6	Washer #10	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
48	1001143858	1	Plate, Seal (Deutz TD2.9L4 and Deutz TD2.9L4 (Stage V Pre-Buy) Engines)	A
49	1001149673	1	Spacer	
50	1001150260	4	Plate, Hinge Block	
51	1001236387	1	Hood Assembly - Engine Side (See Items 201-221 for Breakdown)	
51		Ref	Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION.	
52	1001207558	1	Bracket, Hood Mounting (Engine Side)	
	1671228	Ref	HOOD ASSEMBLY (TANK SIDE)	
101	1671231	1	Hood	
102	1671232	1	Frame, Tubular	
103	2940088	2	Latch	
104	0721008	4	Screw, Machine #10 x 1	
105	4751000	4	Washer #10	
106	3311001	4	Nut #10	
107	2600233	1	Hinge	
108	1321384	4	Hold Down	
109	0641606	9	Bolt 3/8 x 3/4	
110	4711600	9	Washer 3/8	
111	3960464	83 in /2.11m	Seal	
112	3960438	55 in/1.4m	Seal	
113	3960462	53 in /1.35m	Seal	
	1001236387	Ref	HOOD ASSEMBLY (ENGINE SIDE)	C
201	0100011	AR	Compound, Locking	
202	0641606	4	Bolt 3/8 x 3/4	
203	0641608	6	Bolt 3/8 x 1	
204	0721008	2	Screw #10 x 1	
205	1321384	4	Hold Down	
206	2600209	1	Hinge	
207	2940088	1	Latch	
208	3311001	2	Nut #10	
210	3960462	61 in /1.55m	Seal	
211	3960464	65 in/1.67m	Seal	
212	4740500	3	Washer	
213	4751000	2	Washer #10	
214	4751600	16	Washer 3/8	
215	1001117140	AR	Tape	
216	1001270099	AR	Insulate, Heat	
218	1001236389	1	Pipe, Exhaust	
219	1001236871	1	Frame, Tubular	
220	3271601	1	Nut 3/8	
221	3900232	3	Screw 3/8 x 1-1/4	

SECTION 2 - TURNTABLE

FIGURE 2-49. HOODS INSTALLATION - ABS (DEUTZ TD2.9L4 ENGINES AND DEUTZ TD2.9L4 (STAGE V PRE-BUY) ENGINES)



ART_1001143609

SECTION 2 - TURNTABLE

FIGURE 2-49. HOODS INSTALLATION - ABS (DEUTZ TD2.9L4 ENGINES AND DEUTZ TD2.9L4 (STAGE V PRE-BUY) ENGINES)

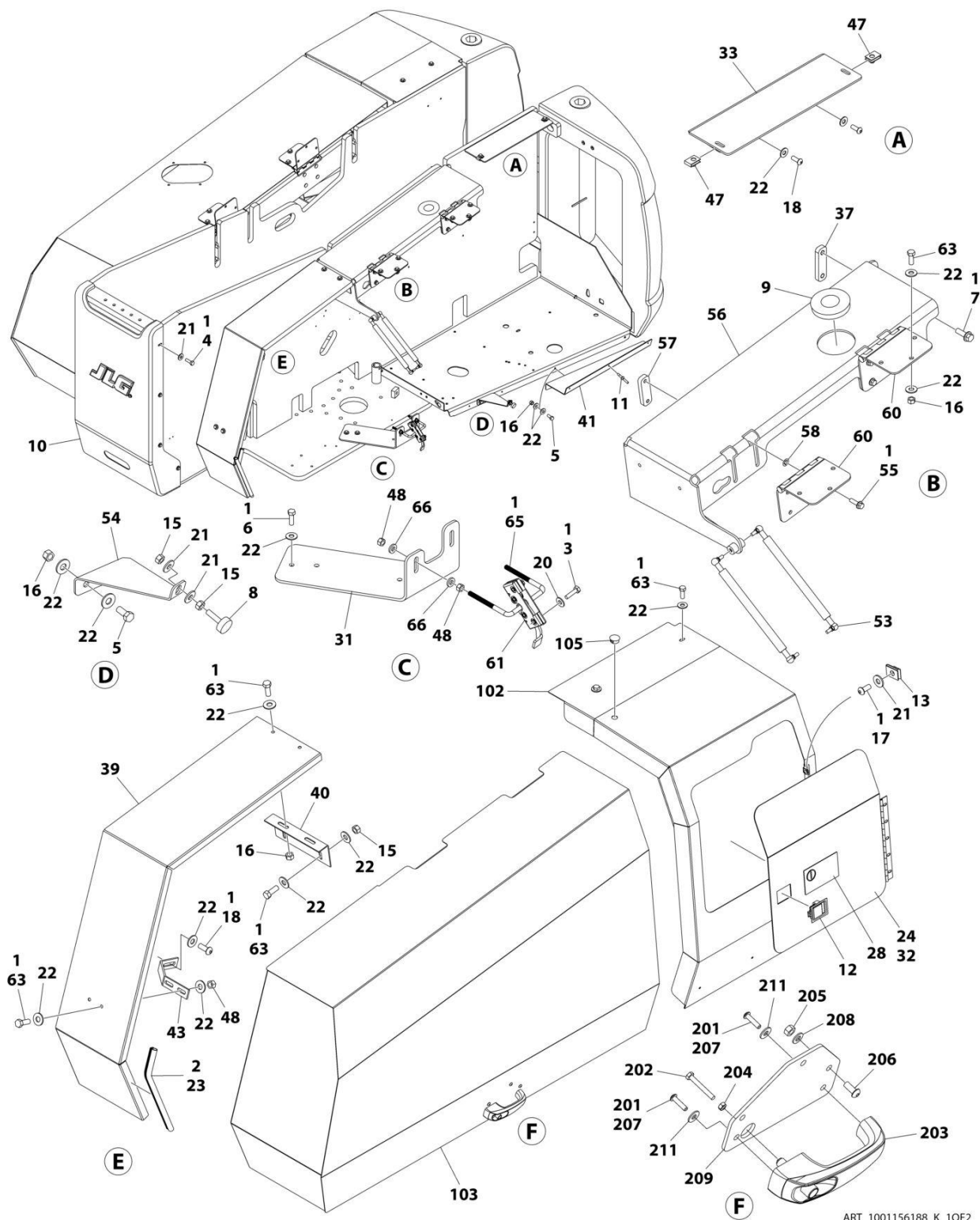
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001143609	Ref	HOODS INSTALLATION	F
1	0100011	AR	Compound, Locking	
2	0362770	1	Bar, Panel Mounting	
3	0811812	8	Bolt	
4	0641406	4	Bolt 1/4 x 3/4	
5	0641508	AR	Bolt 5/16 x 1	
6	0641608	22	Bolt 3/8 x 1	
7	0641609	5	Bolt 3/8 x 1-1/8	
8	0721006	6	Screw #10 x 3/4	
9	0902143	1	Bracket, Latch (Tank Side)	
10	0902161	1	Bracket, Hood Spacer Mounting (Engine Side)	
11	0902219	2	Bracket, Bumper	
12	0902223	1	Bracket, Latch (Tank Side)	
13	1001207558	1	Bracket, Hood Mounting (Engine Side)	
14	0902412	1	Bracket, Hood Mounting (Tank Side)	
15	0902426	1	Bracket, Bumper - Counterweight Mounted	
16	0902491	1	Bracket, Latch (Engine Side)	
17	0940071	2	Bumper	
18	1670842	1	Cover, Turntable End	
19	1671228	1	Hood Assembly - Tank Side (See Items 101-113 for Breakdown)	
19		Ref	Note: Replacement Decals Must be Ordered Separately - See DECALS Section.	
21	1001143607	1	Hood Assembly - Engine Side (See Items 201-223 for Breakdown)	
21		Ref	Note: Replacement Decals Must be Ordered Separately - See DECAL Section.	
22	2600244	1	Adapter, Panel Hinge	
23	3311001	6	Nut #10	
24	3311405	4	Nut 1/4	
25	3311505	9	Nut 5/16	
26	3311601	AR	Nut 3/8	
27	3311605	7	Nut 3/8	
28	1001150260	4	Plate, Hinge Block	
29	1001290021	1	Cover, Top (Tank Side)	
30	3380444	1	Panel, Adapter	
31	1001143858	1	Plate, Seal (Deutz TD2.9L4 and Deutz TD2.9L4 (Stage V Pre-Buy) Engines)	
32	0940049	1	Stopper, Hood	
33	3900232	2	Screw 3/8 x 1-1/4	
34	3960389	3.5 ft/1m	Seal	
35	3960470	1	Seal, Latch	
36	4070410	AR	Shim 1/16	
37	4070411	AR	Shim 1/8	
38	4070412	AR	Shim 3/16	
39	4160139	2	Spring, Gas (Tank Side)	
40	4160143	1	Spring, Gas (Engine Side)	
41	4740076	5	Washer, Fender	
43	4751000	6	Washer #10	
44	4751400	4	Washer 1/4	
45	4751500	AR	Washer 5/16	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
46	4751600	AR	Washer 3/8	A
47	4761000	6	Washer #10	
48	3311501	2	Nut 5/16	
49	3321501	AR	Nut 5/16	
50	1120601	1	Plug	
51	2940188	3	Latch	
52	0940088	2	Stopper	
53	1001149673	1	Spacer	
54	0641506	8	Screw 5/16 x 3/4	
	1671228	Ref	HOOD ASSEMBLY (TANK SIDE)	
101	1671231	1	Hood	
102	1671232	1	Frame, Tubular	
103	2940088	2	Latch	
104	0721008	4	Screw, Machine #10 x 1	
105	4751000	4	Washer #10	
106	3311001	4	Nut #10	
107	2600233	1	Hinge	
108	1321384	4	Hold Down	
109	0641606	9	Bolt 3/8 x 3/4	
110	4711600	9	Washer 3/8	
111	3960464	83 in /2.11m	Seal	
112	3960438	55 in/1.4m	Seal	
113	3960462	53 in /1.35m	Seal	
	1001143607	Ref	HOOD ASSEMBLY (ENGINE SIDE)	G
201	0641606	4	Bolt 3/8 x 3/4	
202	0641608	6	Bolt 3/8 x 1	
203	0721008	2	Screw #10 x 1	
204	1321384	4	Hold Down	
205	1001153435	1	Frame, Tubular	
206	2600209	1	Hinge	
210	2940088	1	Latch	
211	3311001	2	Nut #10	
212	3900316	3	Bolt 3/8 x 1	
212	88261039	3	Bolt 3/8 x 2	
213	3960462	61 in /1.55m	Seal	
214	3960464	65 in /1.67m	Seal	
215	4740500	3	Washer	
216	4751000	2	Washer #10	
217	4751600	16	Washer 3/8	
220	1001143611	1	Pipe, Exhaust	
221	1001152566	AR	Insulate, Heat	
222	1001117140	AR	Tape	
223	3311605	3	Nut 3/8	

SECTION 2 - TURNTABLE

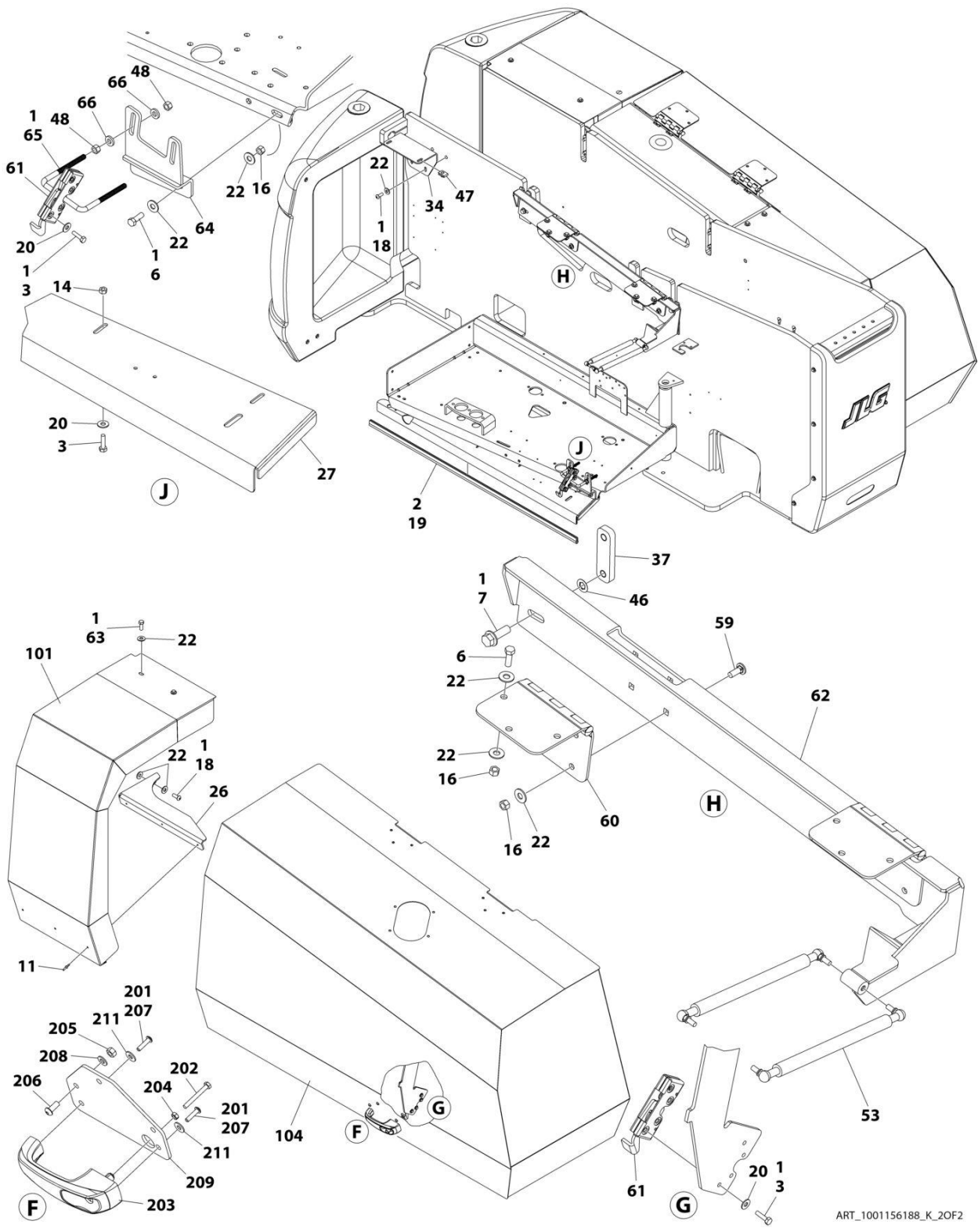
FIGURE 2-50. HOODS INSTALLATION - STEEL (DEUTZ D2011 ENGINES)



ART_1001156188_K_10F2

SECTION 2 - TURNTABLE

FIGURE 2-51. HOODS INSTALLATION - STEEL (DEUTZ D2011 ENGINES)



ART_1001156188_K_20F2

SECTION 2 - TURNTABLE

FIGURE 2-51. HOODS INSTALLATION - STEEL (DEUTZ D2011 ENGINES)

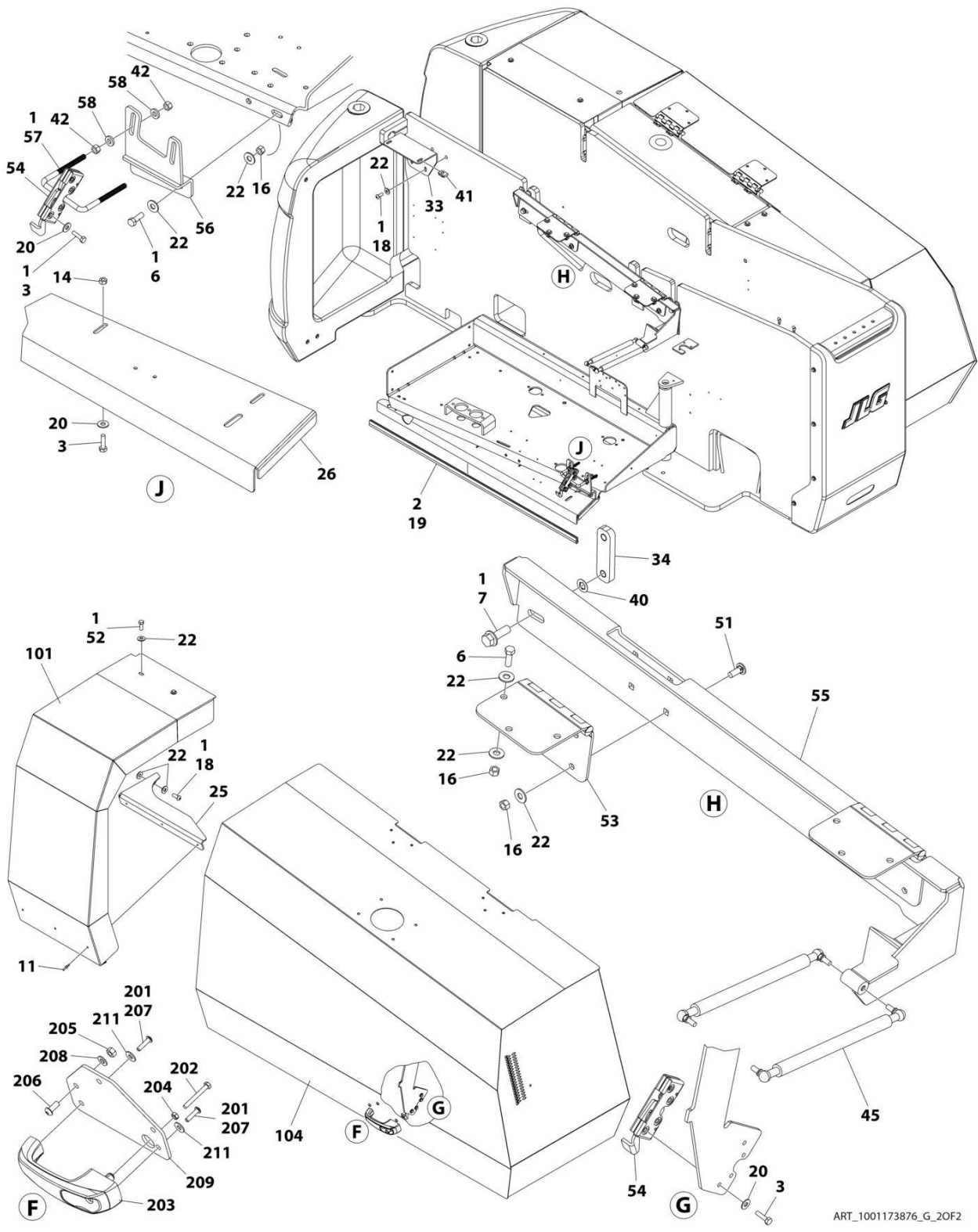
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	NOTE: REPLACEMENT DECALS MUST BE PURCHASED SEPARATELY - SEE DECALS SECTION.	
	1001156188	Ref	HOODS INSTALLATION	K
1	0100011	AR	Compound, Locking	
2	0100081	AR	Adhesive	
3	0641408	12	Bolt 1/4 x 1	
4	0641508	8	Bolt 5/16 x 1	
5	0641607	4	Bolt 3/8 x 7/8	
6	0641609	10	Bolt 3/8 x 1-1/8	
7	0811812	8	Bolt 1/2 x 2-1/4	
8	0940049	1	Stopper, Hood	
9	1120601	1	Plug	
10	1670842	1	Cover, Turntable End	
11	2080040	6	Fastener	
12	2940045	1	Latch, Paddle	
13	3300364	3	Nut, Tinnerman 5/16	
14	3311405	4	Nut 1/4	
15	3311501	2	Nut 5/16	
16	3311605	30	Nut 3/8	
17	3900210	3	Screw 5/16 x 3/4	
18	3900316	7	Screw 3/8 x 1	
19	3960389	4.2 ft /1.3m	Seal	
20	4751400	12	Washer 1/4	
21	4751500	13	Washer 5/16	
22	4751600	69	Washer 3/8	
23	1001110166	59 in/1.5m	Seal	
24	1001113047	6.5 ft/2m	Seal	
26	1001117234	1	Bracket	
27	1001117249	1	Plate	
28	1001117307	1	Decal - Emergency Stop	
31	1001250293	1	Bracket, Striker	
32	1001117598	1	Door	
33	1001158175	1	Bracket, Hood Mounting	
34	1001157867	1	Bracket, Hood Mounting	
37	1001150260	4	Plate, Hinge	
39	1001155899	1	Plate, Spacer	
40	1001157612	1	Bracket, Hood Support	
41	1001157726	1	Bracket, Hood Support	
43	1001158077	1	Bracket, Spacer Panel	
46	2080072	4	Retainer, Bolt	
47	88662523	4	Nut, Tinnerman	
48	3311601	10	Nut 3/8	
53	4160194	4	Spring, Gas	
54	1001161089	1	Bracket, Bumper	
55	0811610	8	Screw 3/8 x 1-1/4	
56	1001155895	1	Mount, Hood	
57	1001186251	4	Plate, Hinge	
58	8310070	8	Nut 3/8	
59	0630485	8	Bolt 3/8 x 1	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
60	1001186254	4	Hinge	D
61	2940173	2	Latch, Rotary	
62	1001196768	1	Mount, Hood	
63	0641608	16	Screw 3/8 x 1	
64	1001250292	1	Bracket	
65	1001243414	2	Bolt 3/8	
66	4891600	8	Washer 3/8	
100	1001174408	1	Kit, Hood (Includes Items 101-104)	
101	1001117219	1	Hood, Fixed Engine Side	
102	1001120962	1	Hood, Fixed Tank Side	
103	1001157209	1	Hood Assembly - Tank Side (Includes Items 201-211)	
104	1001157208	1	Hood Assembly - Engine Side (Includes Items 201-211) (Note: Heat Shield must be transferred from original hood or replaced before putting machine back in service)	
105	3250030	1	Plug	
	1001157208	Ref	HOOD ASSEMBLY - ENGINE SIDE	
201	0100011	AR	Compound, Locking	
202	0700618	1	Bolt M6 x 50	
203	2560187	1	Handle, Push Button	
204	3290601	1	Nut M6	
205	3311505	3	Nut 5/16	
206	3900210	3	Screw 5/16 x 3/4	
207	3900363	2	Screw M6 x 25	
208	4711500	3	Washer 5/16	
209	1001116290	1	Plate, Latch Mounting	
211	4751400	2	Washer 1/4	

SECTION 2 - TURNTABLE

FIGURE 2-52. HOODS INSTALLATION - STEEL (DEUTZ TD2.9L4 ENGINES)



ART_1001173876_G_2OF2

SECTION 2 - TURNTABLE

FIGURE 2-52. HOODS INSTALLATION - STEEL (DEUTZ TD2.9L4 ENGINES)

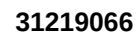
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	NOTE: REPLACEMENT DECALS MUST BE PURCHASED SEPARATELY - SEE DECALS SECTION.	
	1001173876	Ref	HOODS INSTALLATION (DEUTZ TD2.9L4 ENGINES MACHINES)	G
1	0100011	AR	Compound, Locking	
2	0100081	AR	Adhesive	
3	0641408	12	Bolt 1/4 x 1	
4	0641508	10	Bolt 5/16 x 1	
5	0641607	2	Bolt 3/8 x 7/8	
6	0641609	10	Bolt 3/8 x 1-1/8	
7	0811812	8	Bolt 1/2 x 2-1/4	
8	0940049	1	Stopper, Hood	
9	1120601	1	Plug	
10	1670842	1	Cover, Turntable End	
11	2080040	6	Fastener	
12	2940045	1	Latch, Paddle	
13	3300364	3	Nut, Tinnerman 5/16	
14	3311405	4	Nut 1/4	
15	3311501	4	Nut 5/16	
16	3311605	24	Nut 3/8	
17	3900210	3	Screw 5/16 x 3/4	
18	3900316	7	Screw 3/8 x 1	
19	3960389	4.2 ft /1.3m	Seal	
20	4751400	12	Washer 1/4	
21	4751500	15	Washer 5/16	
22	4751600	57	Washer 3/8	
23	1001110166	59 in/1.5m	Seal	
24	1001113047	6.5 ft/2m	Seal	
25	1001117234	1	Bracket	
26	1001117249	1	Plate	
27	1001117307	1	Decal - Emergency Stop	
30	1001250293	1	Bracket, Striker	
31	1001117598	1	Door	
32	1001158175	1	Bracket, Hood Mounting	
33	1001157867	1	Bracket, Hood Mounting	
34	1001150260	4	Plate, Hinge	
35	1001155899	1	Plate, Spacer	
36	1001157612	1	Bracket, Hood Support	
37	1001157726	1	Bracket, Hood Support	
39	1001158077	1	Bracket, Spacer Panel	
40	2080072	4	Retainer, Bolt	
41	88662523	4	Nut, Tinnerman	
42	3311601	12	Nut 3/8	
45	4160194	4	Spring, Gas	
46	1001161089	1	Bracket, Bumper	
47	0811610	8	Screw 3/8 x 1-1/4	
48	1001155895	1	Mount, Hood	
49	1001186251	4	Plate, Hinge	
50	8310070	8	Nut 3/8	
51	0630485	8	Bolt 3/8 x 1	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
52	0641608	14	Bolt 3/8 x 1	C
53	1001186254	4	Hinge	
54	2940173	2	Latch, Rotary	
55	1001196768	1	Mount, Hood	
56	1001250292	1	Bracket	
57	1001243414	2	Bolt 3/8	
58	4891600	8	Washer 3/8	
100	1001174277	1	Kit, Hood (Includes Items 101-104)	
101	1001117219	1	Hood, Fixed Engine Side	
102	1001120962	1	Hood, Fixed Tank Side	
103	1001157209	1	Hood Assembly - Tank Side (Includes Items 201-211)	
104	1001162915	1	Hood Assembly - Engine Side (Includes Items 201-211) (Note: Heat Shield must be transferred from original hood or replaced before putting machine back in service)	
105	3250030	1	Plug	
	1001162915	Ref	HOOD ASSEMBLY - ENGINE SIDE	
201	0100011	AR	Compound, Locking	
202	0700618	1	Bolt M6 x 50	
203	2560187	1	Handle, Push Button	
204	3290601	1	Nut M6	
205	3311505	3	Nut 5/16	
206	3900210	3	Screw 5/16 x 3/4	
207	3900363	2	Screw M6 x 25	
208	4711500	3	Washer 5/16	
209	1001116290	1	Plate, Latch Mounting	
211	4751400	2	Washer 1/4	

216

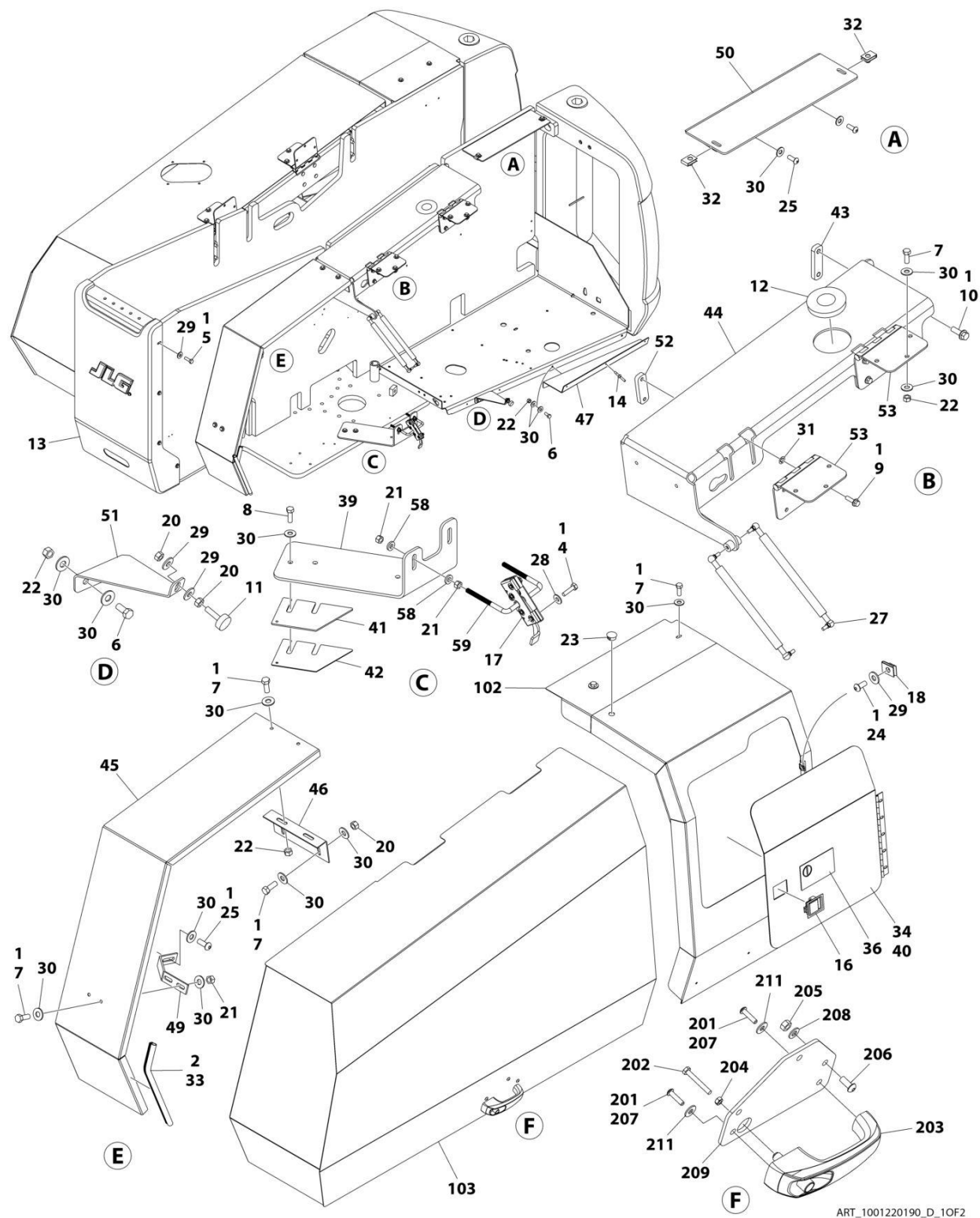
800AJ



ART_1001173876_G_1OF2

SECTION 2 - TURNTABLE

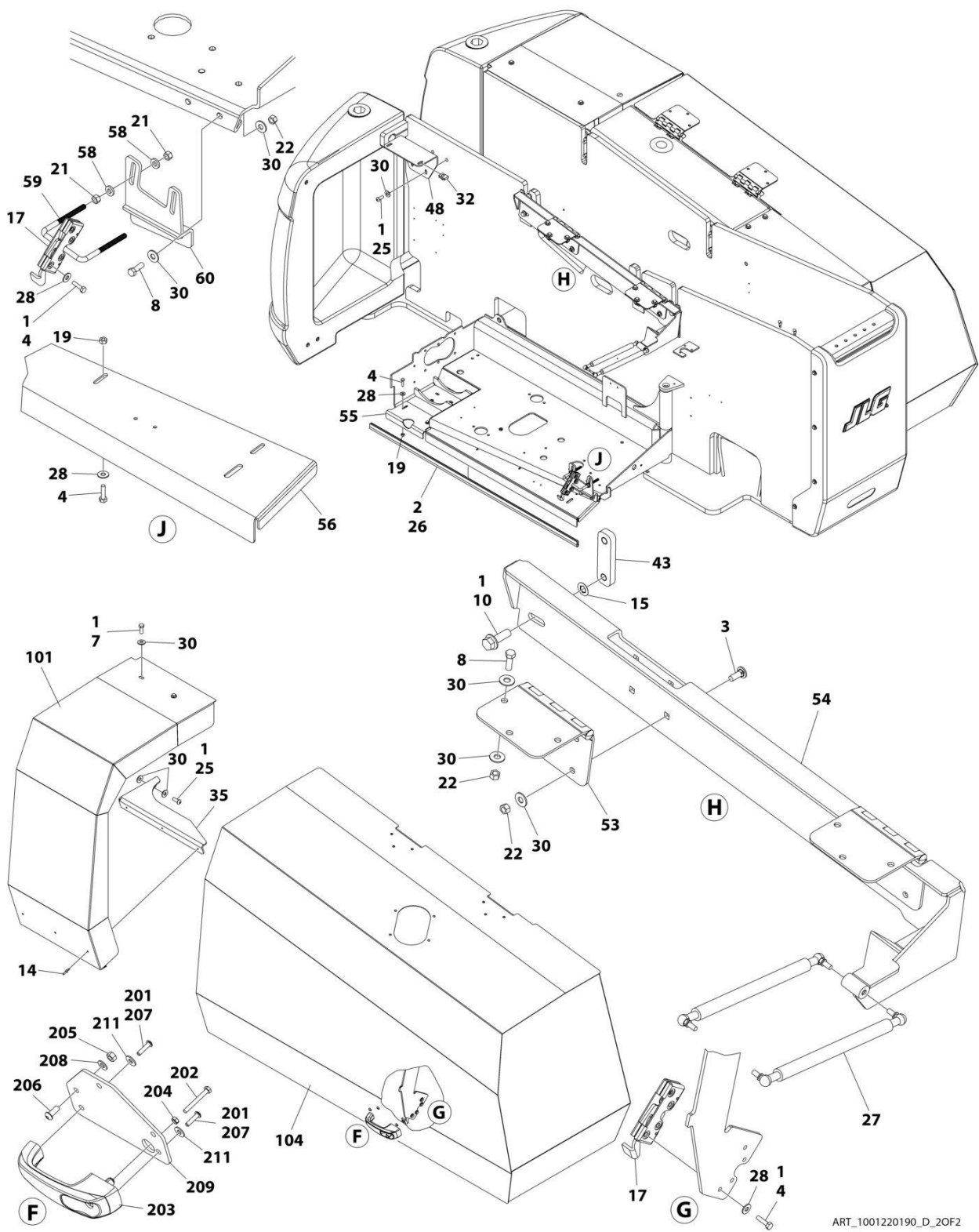
FIGURE 2-54. HOODS INSTALLATION - STEEL (FORD ENGINES)



ART_1001220190_D_1OF2

SECTION 2 - TURNTABLE

FIGURE 2-55. HOODS INSTALLATION - STEEL (FORD ENGINES)



ART_1001220190_D_20F2

SECTION 2 - TURNTABLE

FIGURE 2-55. HOODS INSTALLATION - STEEL (FORD ENGINES)

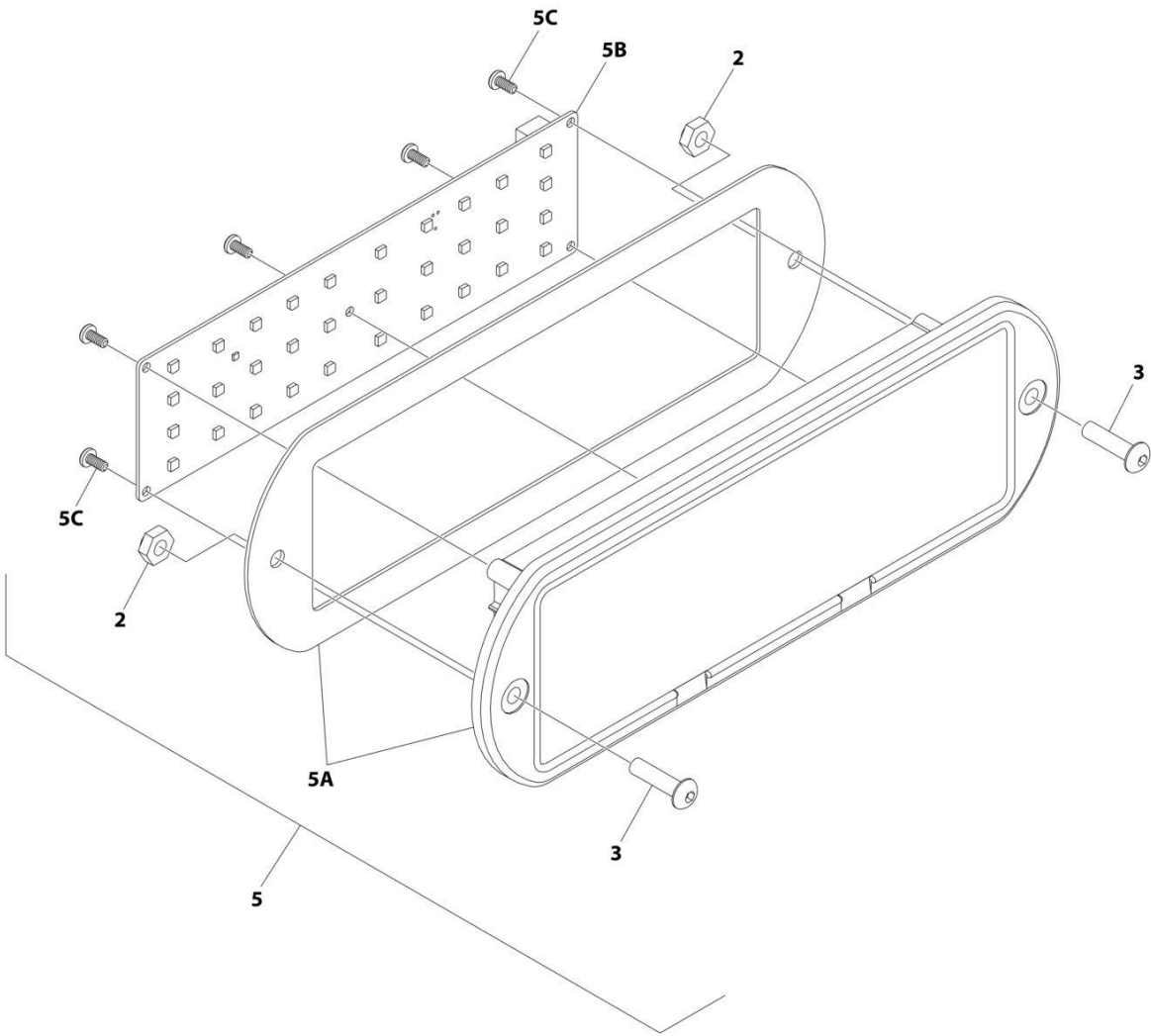
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	NOTE: REPLACEMENT DECALS MUST BE PURCHASED SEPARATELY - SEE DECALS SECTION.	
	1001220190	Ref	HOODS INSTALLATION (FORD ENGINES MACHINES)	D
1	0100011	AR	Compound, Locking	
2	0100081	AR	Adhesive	
3	0630485	8	Bolt 3/8 x 1	
4	0641408	13	Bolt 1/4 x 1	
5	0641508	8	Bolt 5/16 x 1	
6	0641607	4	Bolt 3/8 x 7/8	
7	0641608	16	Bolt 3/8 x 1	
8	0641609	12	Bolt 3/8 x 1-1/8	
9	0811610	8	Screw 3/8 x 1-1/4	
10	0811812	8	Bolt 1/2 x 2-1/4	
11	0940049	1	Stopper, Hood	
12	1120601	1	Plug	
13	1670842	1	Cover, Turntable End	
14	2080040	6	Fastener	
15	2080072	4	Retainer, Bolt	
16	2940045	1	Latch, Paddle	
17	2940173	2	Latch, Rotary	
18	3300364	3	Nut, Tinnerman 5/16	
19	3311405	5	Nut 1/4	
20	3311501	2	Nut 5/16	
21	3311601	10	Nut 3/8	
22	3311605	30	Nut 3/8	
23	3520030	1	Plug	
24	3900210	3	Screw 5/16 x 3/4i	
25	3900316	7	Screw 3/8 x 1	
26	3960389	4.2 ft /1.3m	Seal	
27	4160194	4	Spring, Gas	
28	4751400	13	Washer 1/4	
29	4751500	13	Washer 5/16	
30	4751600	69	Washer 3/8	
31	8310070	8	Nut 3/8	
32	88662523	4	Nut, Tinnerman	
33	1001110166	59 in/1.5m	Seal	
34	1001113047	6.5 ft/2m	Seal	
35	1001117234	1	Bracket	
36	1001117307	1	Decal - Emergency Stop	
39	1001250293	1	Bracket, Striker	
40	1001117598	1	Door	
41	1001121122	AR	Shim 3	
42	1001121123	AR	Shim 1.5	
43	1001150260	4	Plate, Hinge	
44	1001155895	1	Mount, Hood	
45	1001155899	1	Plate, Spacer	
46	1001157612	1	Bracket, Hood Support	
47	1001157726	1	Bracket, Hood Support	
48	1001157867	1	Bracket, Hood Mounting	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49	1001158077	1	Bracket, Spacer Panel	D
50	1001158175	1	Bracket, Hood Mounting	
51	1001161089	1	Bracket, Bumper	
52	1001186251	4	Plate, Hinge	
53	1001186254	4	Hinge	
54	1001196768	1	Mount, Hood	
55	1001220002	1	Plate	
56	1001220067	1	Plate	
58	4891600	4	Washer 3/8	
59	1001243414	2	Bolt 3/8	
60	1001250292	1	Bracket	
100	1001174408	1	Kit, Hood (Includes Items 101-104)	
101	1001117219	1	Hood, Fixed Engine Side	
102	1001120962	1	Hood, Fixed Tank Side	
103	1001157209	1	Hood Assembly - Tank Side (Includes Items 201-211)	
104	1001157208	1	Hood Assembly - Engine Side (Includes Items 201-211) (Note: Heat Shield item 309 must be transferred from original hood or replaced before putting machine back in service)	
	1001157208	Ref	HOOD ASSEMBLY- ENGINE SIDE	
201	0100011	AR	Compound, Locking	
202	0700618	1	Bolt M6 x 50	
203	2560187	1	Handle, Push Button	
204	3290601	1	Nut M6	
205	3311505	3	Nut 5/16	
206	3900210	3	Screw 5/16 x 3/4	
207	3900363	2	Screw M6 x 25	
208	4711500	3	Washer 5/16	
209	1001116290	1	Plate, Latch Mounting	
211	4751400	2	Washer 1/4	

SECTION 2 - TURNTABLE

FIGURE 2-56. LIGHT PANEL INSTALLATION



ART_1001241403_10F2

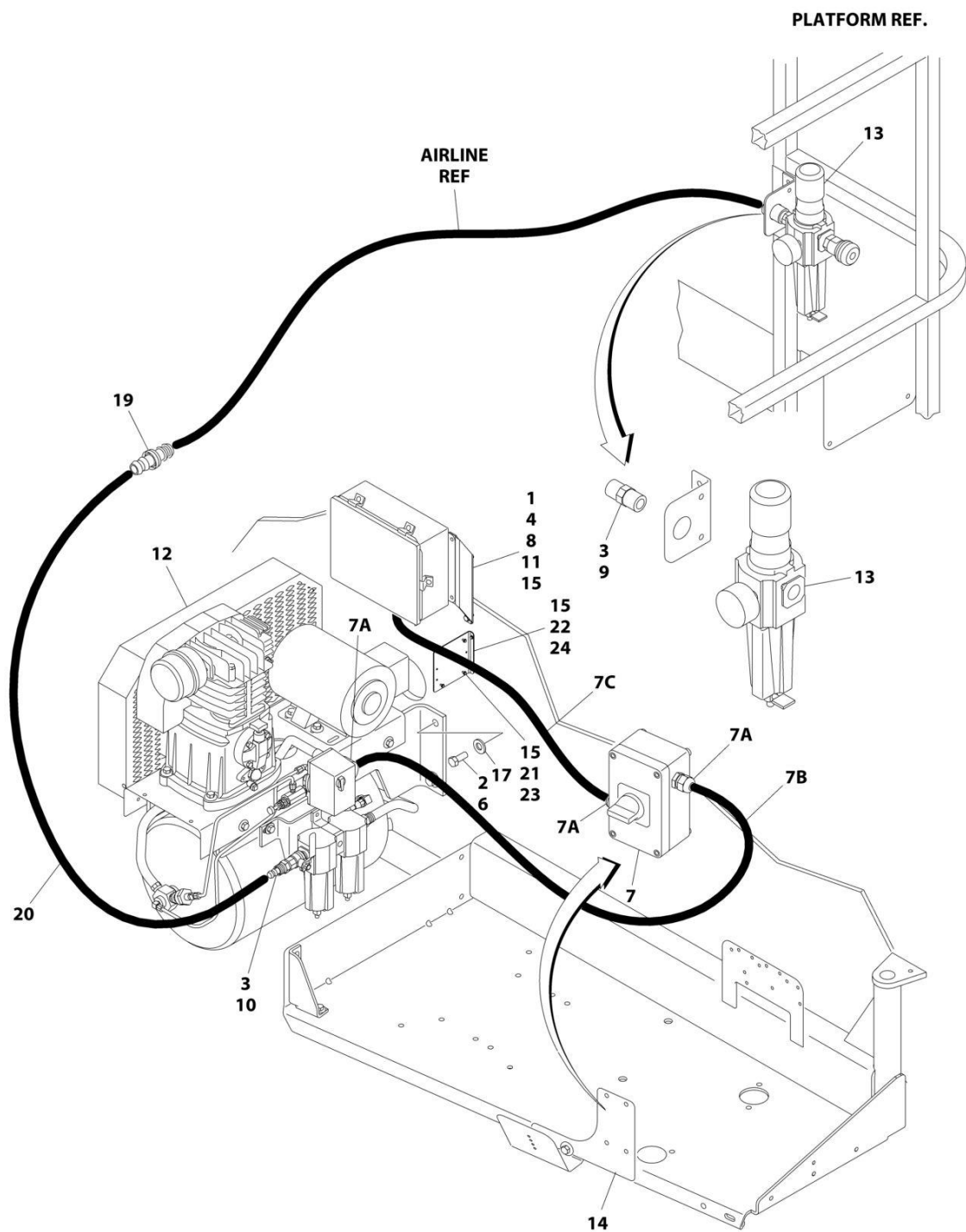
SECTION 2 - TURNTABLE

FIGURE 2-56. LIGHT PANEL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241403	Ref	LIGHT PANEL INSTALLATION - GROUND CONTROL	C
2	3300408	2	Nut, Nylon Insert	
3	0630518	2	Screw #10 x 3/4	
5	1001238674	1	Light Panel Assembly	H
5A	1001236092	1	Lens Assembly (Includes Housing Shell, Decal/Lens with Icons & Gasket)	
5B	1001238732	1	Panel, LED Light	
5C		Ref	Screw	

SECTION 2 - TURNTABLE

FIGURE 2-57. SKYAIR AIR COMPRESSOR INSTALLATION



ART_0274031

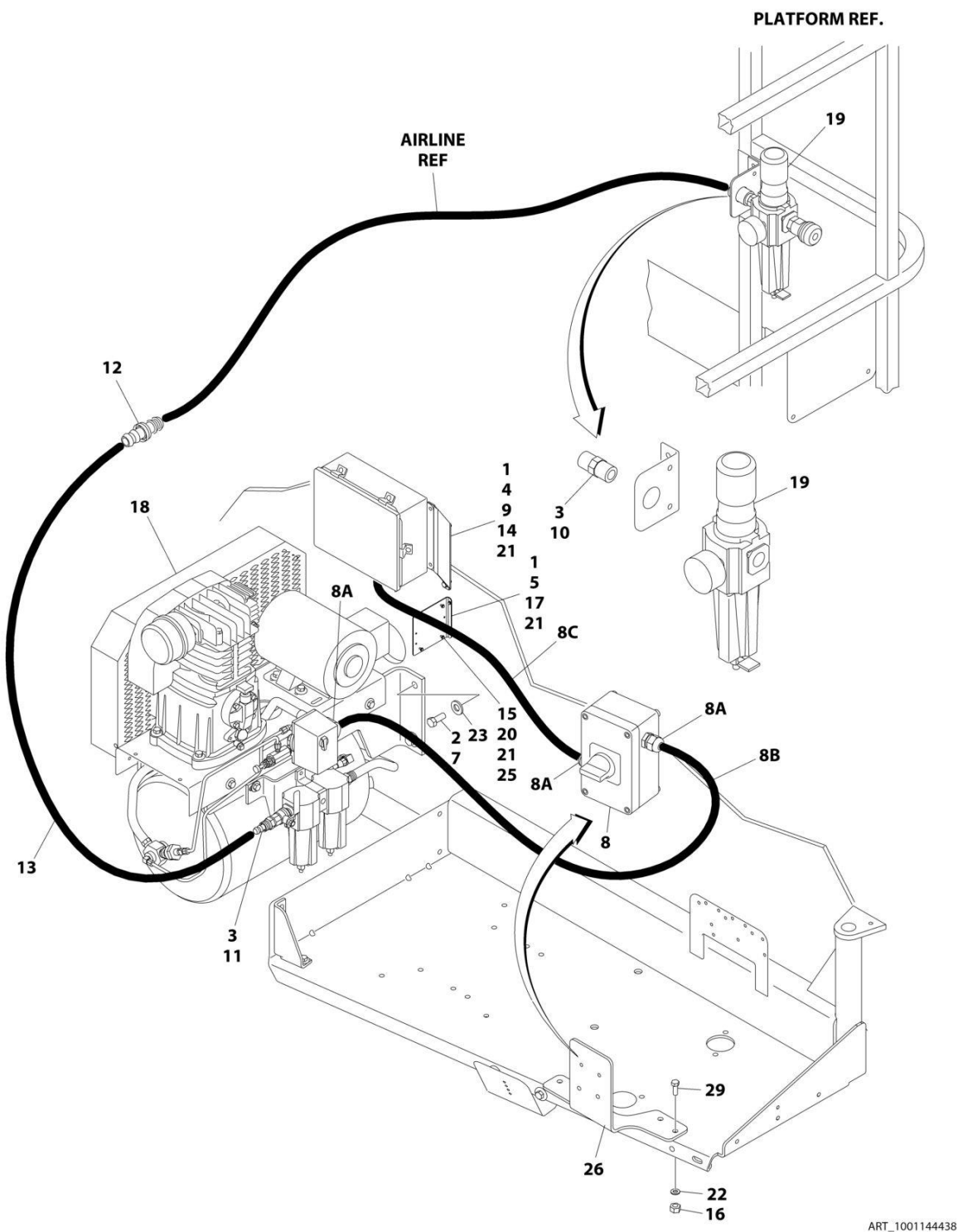
SECTION 2 - TURNTABLE

FIGURE 2-57. SKYAIR AIR COMPRESSOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0274031	Ref	SKYAIR AIR COMPRESSOR INSTALLATION	D
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100020	3	Sealant	
4	0641405	4	Bolt 1/4 x 5/8	
6	0641810	4	Bolt 1/2 x 1-1/4	
7	0861642	1	Control Box Assembly	
7A	4460633	3	Connector, Strain Relief	
7B	70002948	AR	Cable, Electrical - 12/4 (13ft/4m)	
7C	70002948	AR	Cable, Electrical - 12/4 (30in/76cm)	
8	0903088	2	Bracket, Generator Box	
9	2220252	1	Fitting, Adapter NPT	
10	2220750	1	Fitting	
11	3300454	4	Nut, Tinnerman 1/4	
12	3600386	1	Air Compressor Assembly (See Separate Breakdown in this section)	
13	3720021	1	Filter/Regulator Assembly	
13	7027781	1	Service Kit (Includes Gaskets and Seals)	
13	7027782	1	Filter	
13	7027784	1	Gauge	
13	7027783	1	Valve, Drain	
14	4340747	1	Bracket, Control Box	
15	4711400	14	Washer 1/4	
17	4751800	4	Washer 1/2	
19	2221037	1	Fitting, Barbed	
20	2720545	1	Hose, Air	
21	0641409	4	Bolt 1/4 x 1-1/8	
22	0641410	2	Bolt 1/4 x 1-1/4	
23	3311405	4	Nut 1/4	
24	3575874	1	Bracket, Module	
25	4460428	1	Connector	

SECTION 2 - TURNTABLE

FIGURE 2-58. SKYAIR AIR COMPRESSOR INSTALLATION



ART_1001144438

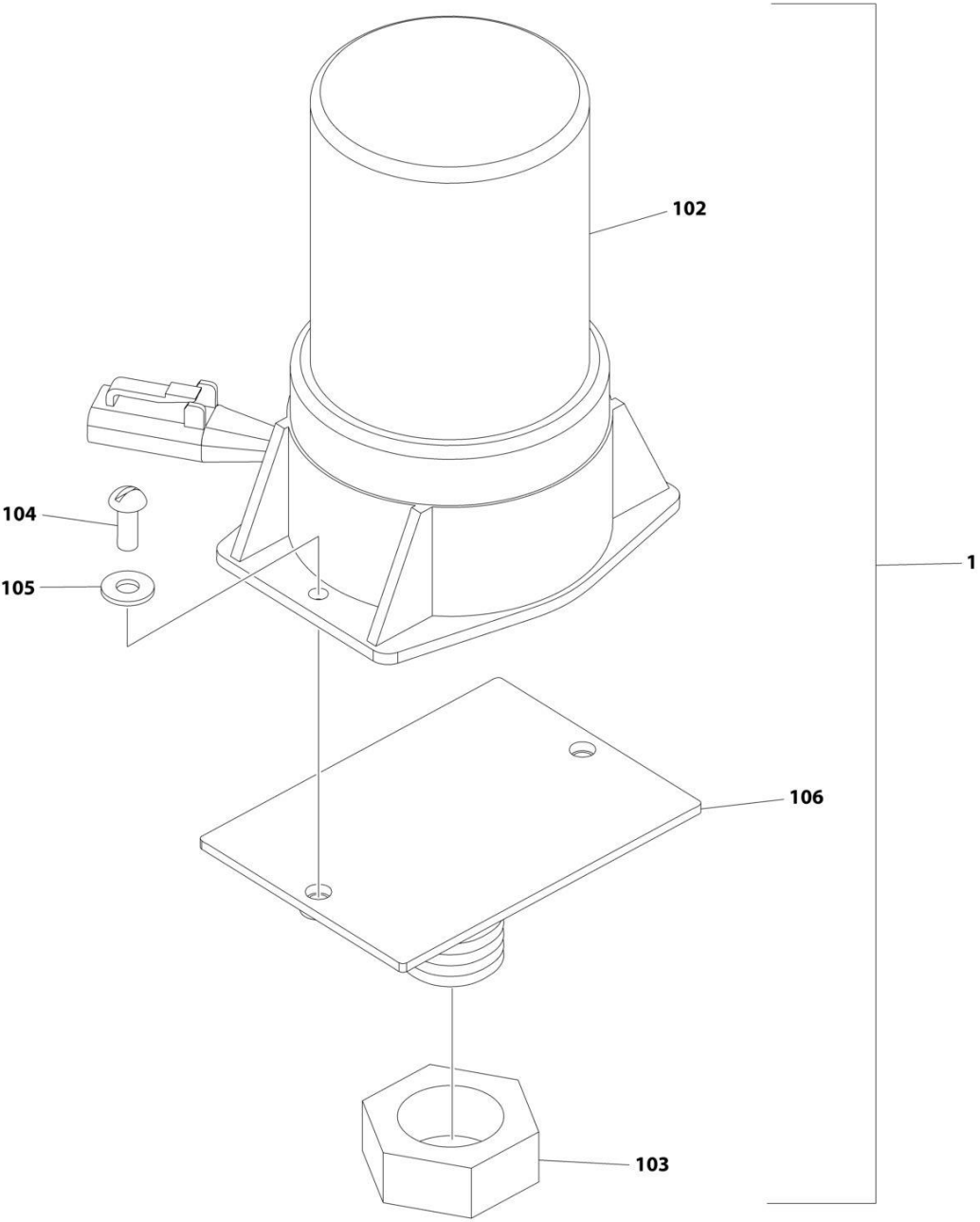
SECTION 2 - TURNTABLE

FIGURE 2-58. SKYAIR AIR COMPRESSOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144438	Ref	SKYAIR AIR COMPRESSOR INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100020	AR	Sealant	
4	0641405	4	Bolt 1/4 x 5/8	
5	0641410	2	Bolt 1/4 x 1-1/4	
7	0641810	4	Bolt 1/2 x 1-1/4	
8	0861642	1	Control Box Assembly	
8A	4460633	3	Connector, Strain Relief	
8B	70002948	AR	Cable, Electrical - 12/4 (13ft/4m)	
8C	70002948	AR	Cable, Electrical - 12/4 (30in/76cm)	
9	0903088	2	Bracket, Generator Box	
10	2220252	1	Fitting, Adapter NPT	
11	2220750	1	Fitting	
12	2221037	1	Fitting, Barbed	
13	2720545	1	Hose, Air	
14	3300454	4	Nut, Tinnerman 1/4	
15	3311405	4	Nut 1/4	
16	3311605	3	Nut 3/8	
17	3575874	1	Bracket, Module	
18	3600386	1	Air Compressor Assembly (See Separate Breakdown in tihs Section)	
19	3720021	1	Filter/Regulator Assembly	
19	7027781	1	Service Kit (Includes Gaskets and Seals)	
19	7027782	1	Filter	
19	7027784	1	Gauge	
19	7027783	1	Valve, Drain	
20	3931424	4	Capscrew 1/4 x 1-1/2	
21	4711400	14	Washer 1/4	
22	4711600	4	Washer 3/8	
23	4751800	4	Washer 1/2	
25	1001110425	4	Spacer	
26	1001144447	1	Bracket, Control Box	
27	0641606	1	Bolt 3/8 x 3/4 (Not Shown)	
28	8406201	1	Clip (Not Shown)	
29	0641609	3	Bolt 3/8 X 1-1/8	

SECTION 2 - TURNTABLE

FIGURE 2-59. STROBE LIGHT INSTALLATION (AMBER)



ART_1001160077

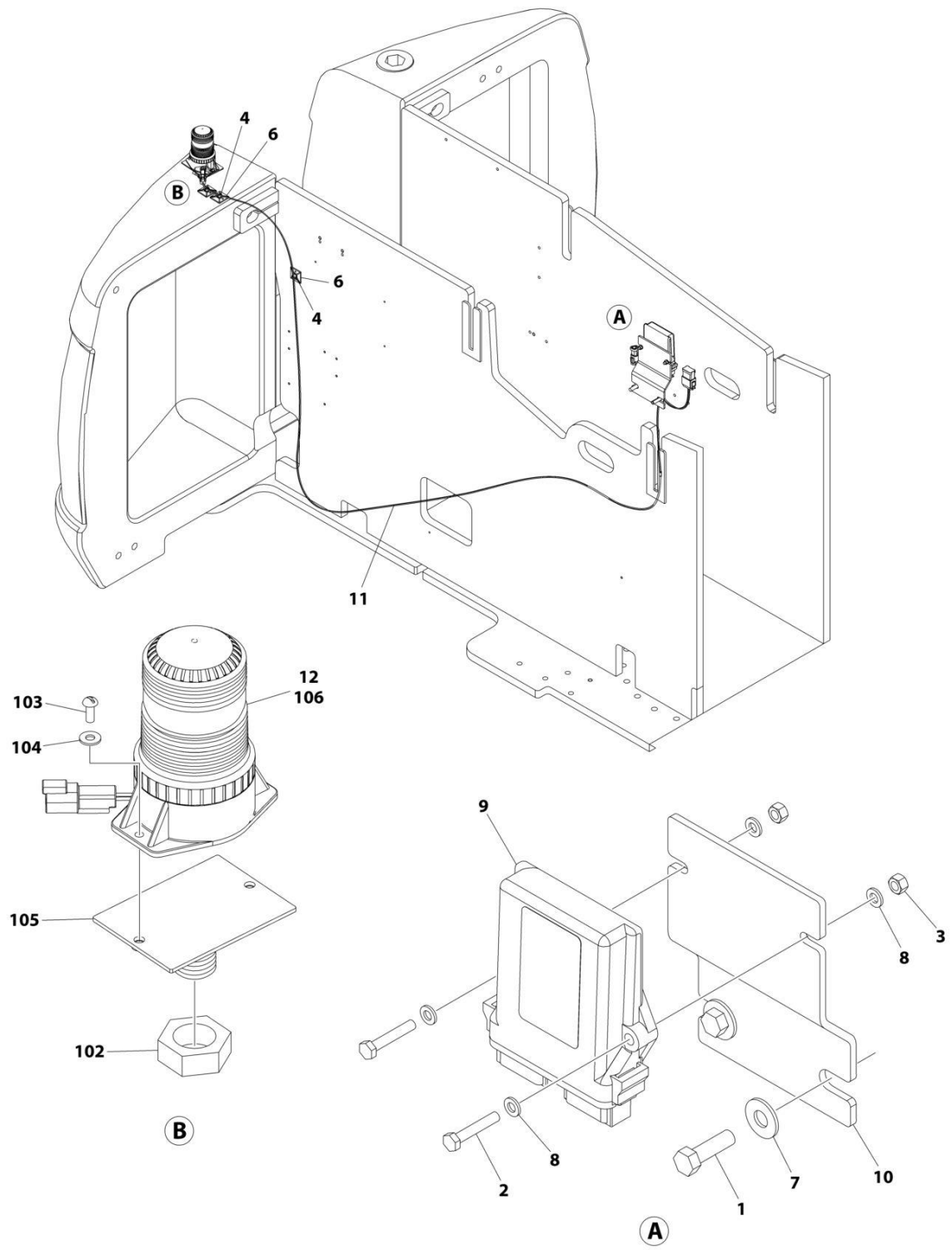
SECTION 2 - TURNTABLE

FIGURE 2-59. STROBE LIGHT INSTALLATION (AMBER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160077	Ref	STROBE LIGHT INSTALLATION (AMBER)	B
1	1001150406	1	Strobe Light Assembly (Includes Items 102-106)	D
102	2920161	1	Strobe Light/Harness Assembly	
102	7016319	1	Bulb	
102	7016372	1	Lens	
103	3312602	1	Nut 1	
104	3900085	2	Screw #10 x 1/2	
105	4751000	2	Washer 1/4	
106	1001149994	1	Mount, Strobe	

SECTION 2 - TURNTABLE

FIGURE 2-60. STROBE LIGHT INSTALLATION (BLUE)



ART_1001242255

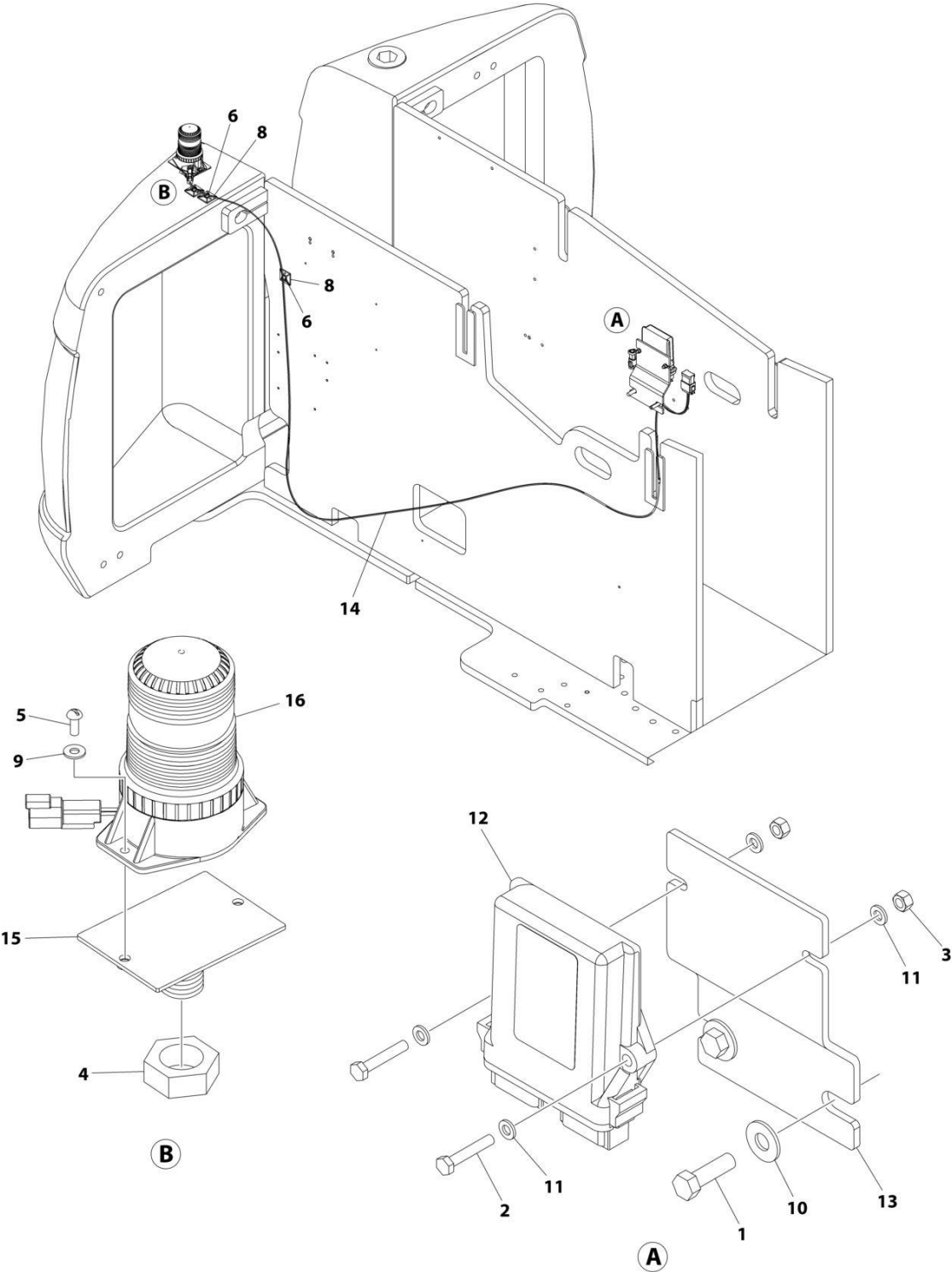
SECTION 2 - TURNTABLE

FIGURE 2-60. STROBE LIGHT INSTALLATION (BLUE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242255	Ref	STROBE LIGHT INSTALLATION (BLUE)	A
1	0641610	2	Bolt 3/8 x 1-1/4	
2	0700615	2	Bolt 6 x 35	
3	3290607	2	Nut M6	
4	4240032	AR	Tie-Strap	
5	4240033	AR	Tie-Cable (Not Shown)	
6	4460488	AR	Base, Terminal, Mounting	
7	4751600	2	Washer 3/8	
8	4811700	4	Washer M6	
9	1001142683	1	Module, Control - Beacon	
10	1001142722	1	Bracket	
11	1001142736	1	Beacon Control Harness (See Separate Breakdown in ELECTRICAL SECTION)	
12	1001217005	1	Beacon Kit - Blue (Includes Items 102 - 106)	
102	3312602	1	Nut	
103	3900085	2	Screw	
104	4751000	2	Washer #10	
105	1001149994	1	Mount, Strobe	
106	1001200910	1	Light, Beacon	

SECTION 2 - TURNTABLE

FIGURE 2-61. STROBE LIGHT INSTALLATION (RED)



ART_1001242256

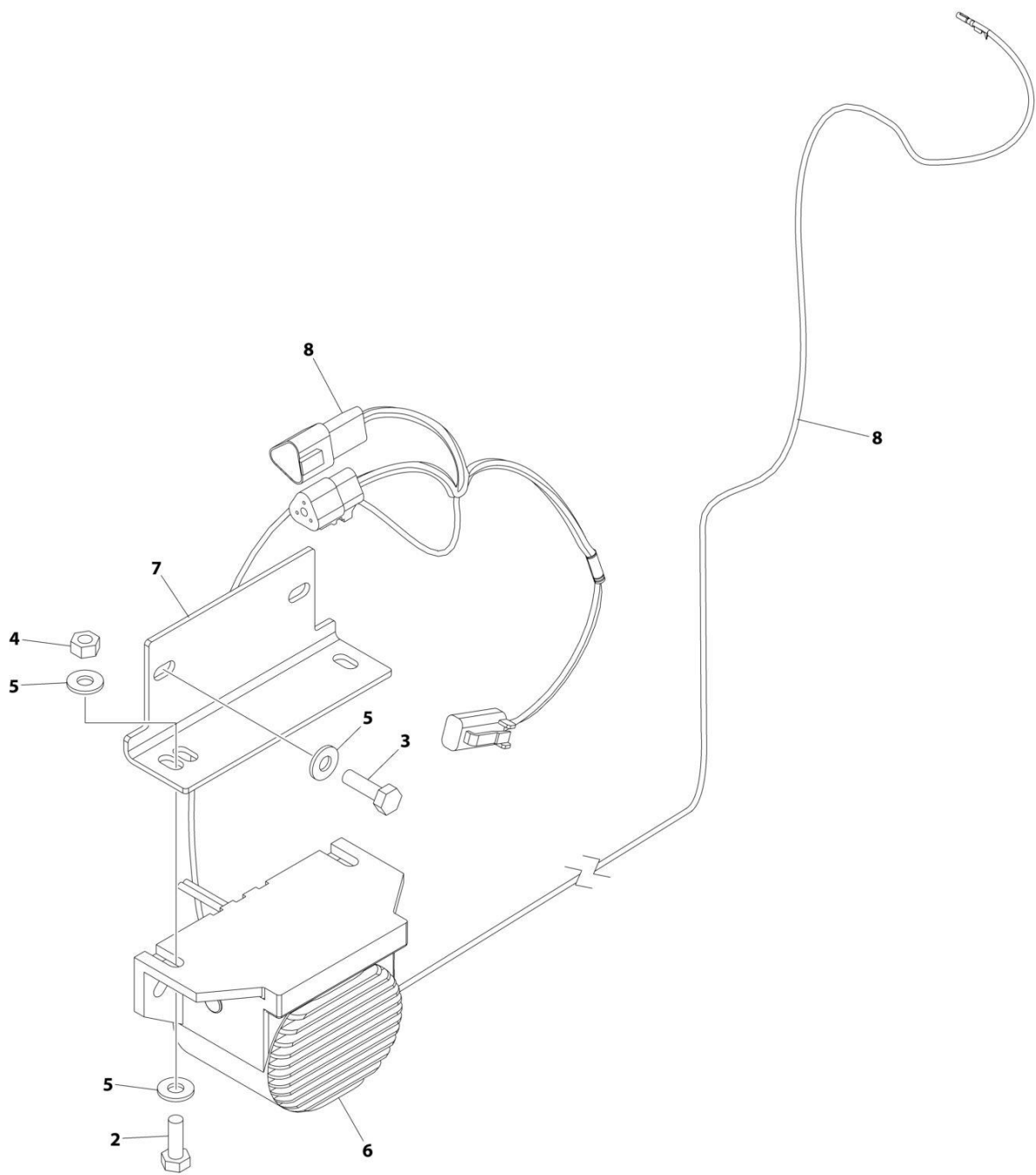
SECTION 2 - TURNTABLE

FIGURE 2-61. STROBE LIGHT INSTALLATION (RED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242256	Ref	STROBE LIGHT INSTALLATION (RED)	A
1	0641610	2	Bolt 3/8 x 1-1/4	
2	0700615	2	Bolt 6 x 35	
3	3290607	2	Nut M6	
4	3312602	1	Nut	
5	3900085	2	Screw	
6	4240032	AR	Tie Strap	
7	4240033	AR	Tie Cable (Not Shown)	
8	4460488	AR	Base, Terminal, Mounting	
9	4751000	2	Washer	
10	4751600	2	Washer 3/8	
11	4811700	4	Washer	
12	1001142683	1	Module, Control	
13	1001142722	1	Bracket	
14	1001142736	1	Beacon Control Harness (See Separate Breakdown in ELECTRICAL SECTION)	
15	1001149994	1	Mount, Strobe	
16	1001207004	1	Light, Beacon	

SECTION 2 - TURNTABLE

FIGURE 2-62. WHITE NOISE ALARM INSTALLATION - ADJUSTABLE AMBIENT



ART_1001241385

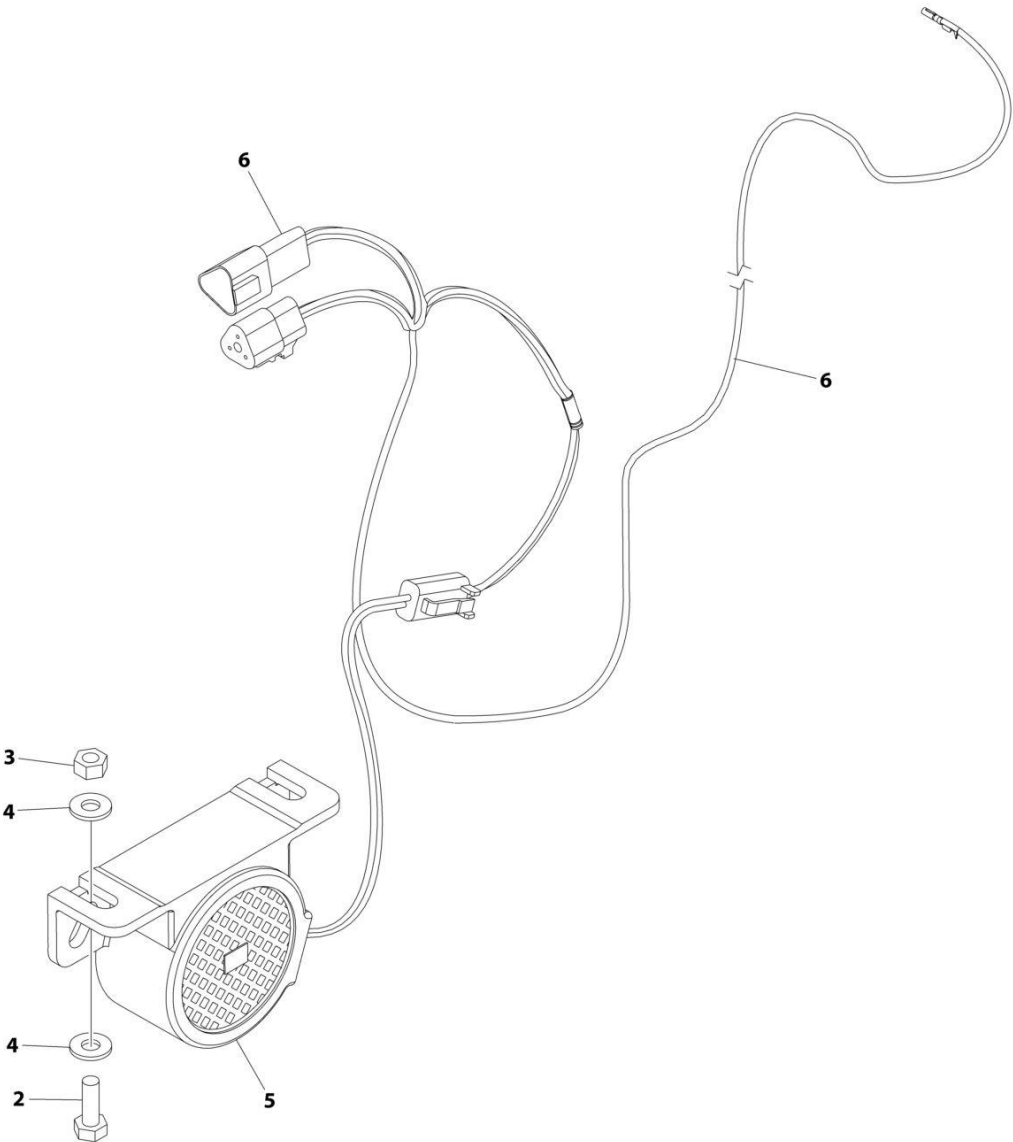
SECTION 2 - TURNTABLE

FIGURE 2-62. WHITE NOISE ALARM INSTALLATION - ADJUSTABLE AMBIENT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241385	Ref	WHITE NOISE ALARM INSTALLATION	A
1	0100048	AR	Compound, Silicone (Not Shown)	
2	0641406	2	Bolt 1/4 x 3/4	
3	0641407	2	Bolt 1/4 x 7/8	
4	3311405	2	Nut 1/4	
5	4711400	6	Washer 1/4	
6	1001182806	1	Alarm	
7	1001231886	1	Plate	
8	1001243682	1	White Noise Motion Alarm Harness (See Separate Breakdown in this Section)	

SECTION 2 - TURNTABLE

FIGURE 2-63. WHITE NOISE MOTION ALARM INSTALLATION - AMBIENT



ART_1001239347

SECTION 2 - TURNTABLE

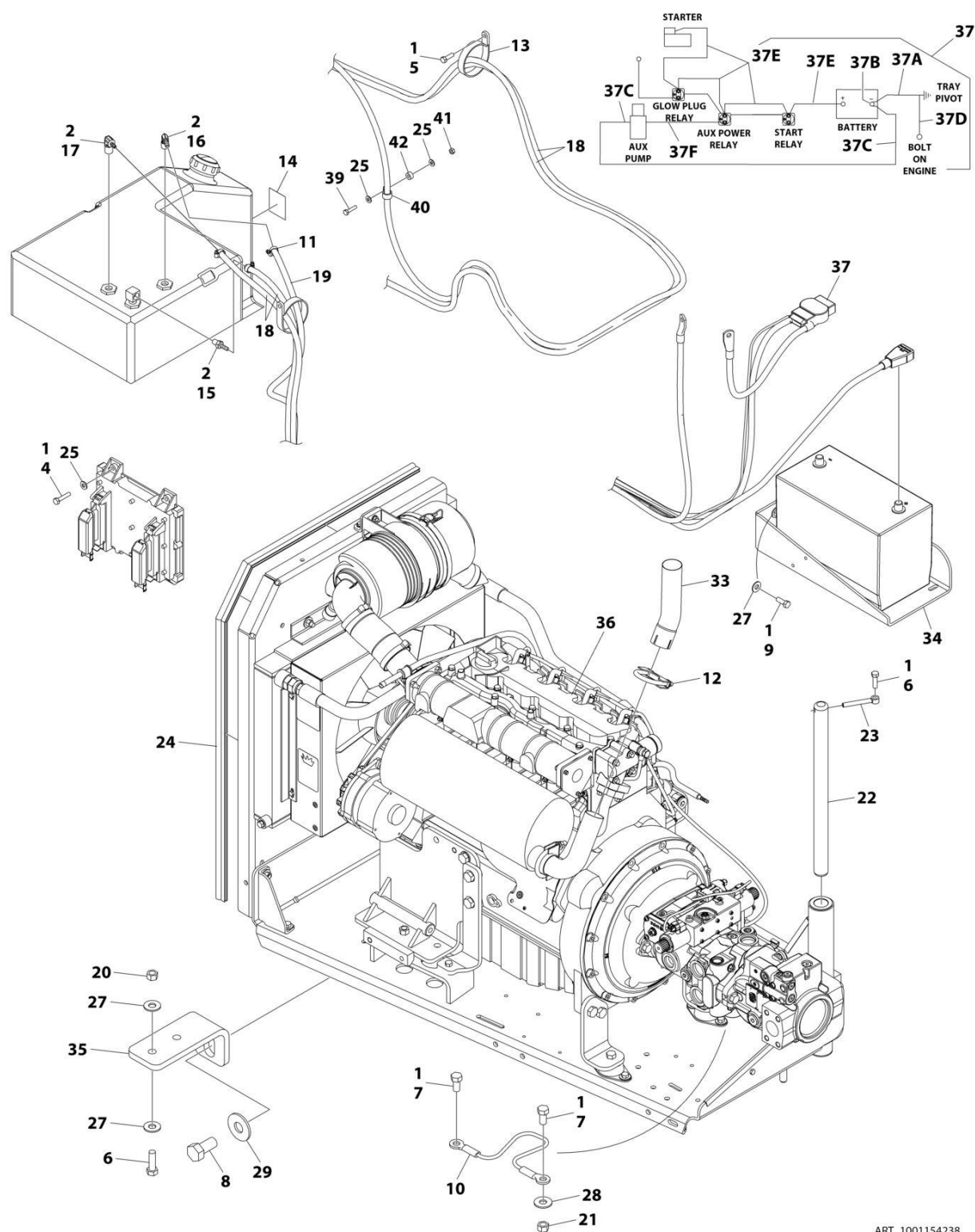
FIGURE 2-63. WHITE NOISE MOTION ALARM INSTALLATION - AMBIENT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239347	Ref	WHITE NOISE MOTION ALARM INSTALLATION	A
1	0100048	AR	Compound, Silicone (Not Shown)	
2	0641406	2	Bolt 1/4 x 3/4	
3	3311405	2	Nut 1/4	
4	4711400	4	Washer 1/4	
5	1001184682	1	Alarm	
6	1001243682	1	White Noise Motion Alarm Harness (See Separate Breakdown in this Section)	

SECTION 3 - ENGINE

SECTION 3 - ENGINE

FIGURE 3-1. DEUTZ D2011 ENGINE INSTALLATION (WITHOUT ARCTIC PACKAGE)



ART_1001154238

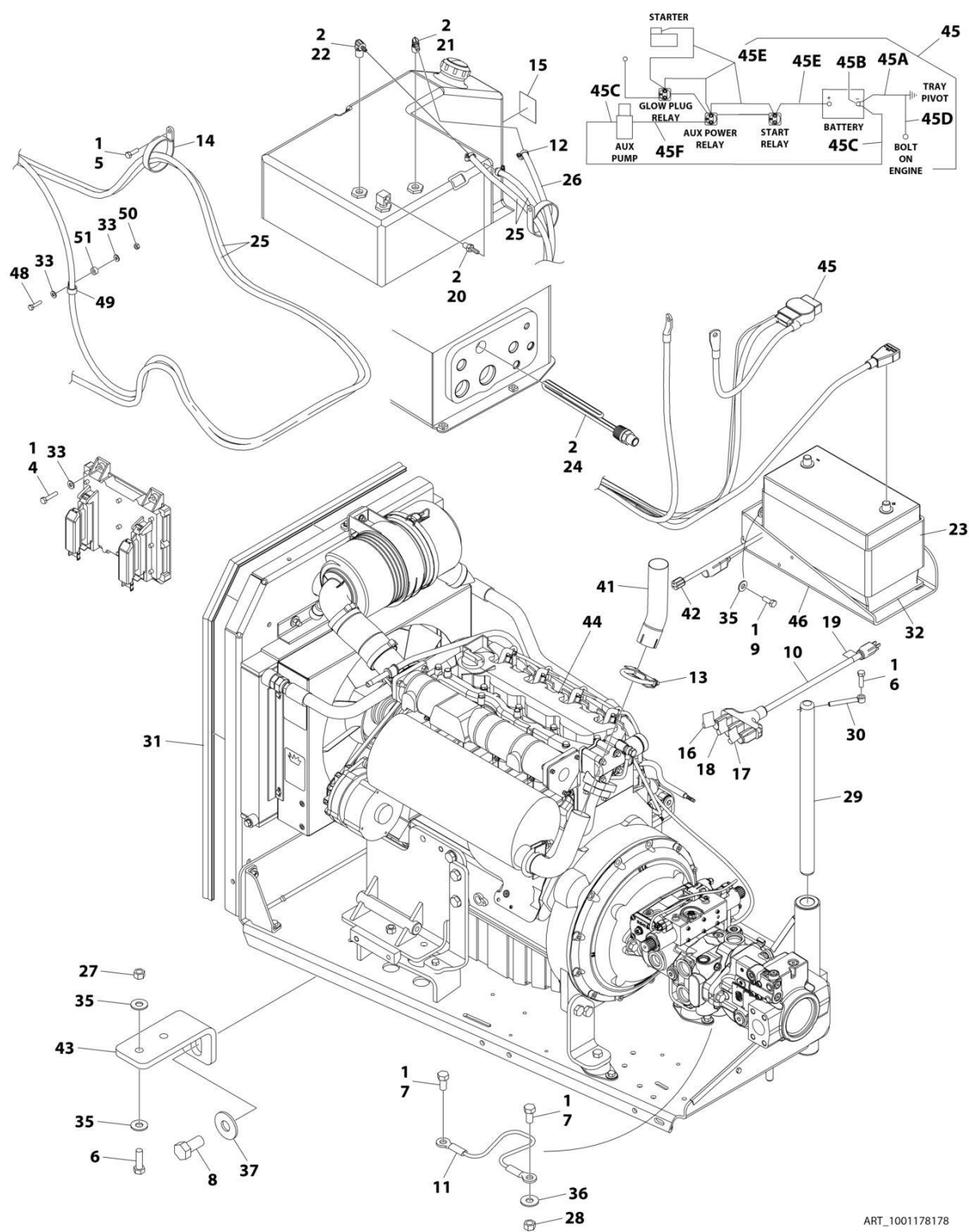
SECTION 3 - ENGINE

FIGURE 3-1. DEUTZ D2011 ENGINE INSTALLATION (WITHOUT ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001154238	Ref	DEUTZ D2011 ENGINE INSTALLATION (WITHOUT ARCTIC PACKAGE)	F
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
4	0641410	4	Bolt 1/4 x 1-1/4	
5	0641508	1	Bolt 5/16 x 1	
6	0641610	3	Bolt 3/8 x 1-1/4	
7	0641808	2	Bolt 1/2 x 1	
8	0642010	1	Bolt 5/8 x 1-1/4	
9	0681608	3	Bolt 3/8 x 1 Grade 8	
10	1060637	1	Cable, Lanyard	
11	1320022	5	Clamp, Hose	
12	1320176	1	Clamp	
13	1321339	1	Clamp	
14	1701505	1	Decal - Diesel (Not Shown - Located on Hood)	
15	2180348	1	Fitting, Straight NPT/Barbed	
16	2220313	1	Fitting, 90 NPT/Barbed	
17	2221176	1	Fitting, 90 NPT/Barbed	
18	2720058	30 ft/ 9m	Hose	
19	2750532	6 ft/ 1.8m	Hose	
20	3311605	2	Nut 3/8	
21	3311801	1	Nut 1/2	
22	3422446	1	Pin, Pivot	
23	3841143	1	Pin, Keeper	
24	3960389	5 ft/ 1.5m	Seal	
25	4711400	6	Washer 1/4	
27	4751600	7	Washer 3/8	
28	4751800	1	Washer 1/2	
29	4752000	1	Washer 5/8	
33	1001101600	1	Tube, Exhaust	
34	1001162497	1	Bracket	
35	1001151070	1	Plate	
36	1001154236	1	Engine and Pump Assembly without Arctic Package (See Separate Breakdown in this Section)	
37	1001155143	1	Kit, Battery Cable	
37A	7027092	1	Cable, Battery (Black) (Battery - to Tray Pivot and Relay Grd)	
37B	8270147	1	Terminal, Battery (With Boot) Cable, Battery (Black)	
37C	7027093	1	Cable, Battery (Black) (Battery - to Aux Pump Ground)	
37D	7027053	1	Cable, Battery (Black) (Engine to Tray Pivot Grd)	
37E	7027094	1	Cable (Red) (Battery + to Relays/Starter)	
37F	7027095	1	Cable (Red) (Aux Relay to Aux Pump)	
39	0641409	1	Bolt 1/4 x 1-1/8	
40	1320224	1	Clamp	
41	3311405	1	Nut 1/4	
42	1001110425	1	Spacer	

SECTION 3 - ENGINE

FIGURE 3-2. DEUTZ D2011 ENGINE INSTALLATION (WITH ARCTIC PACKAGE)



ART_1001178178

SECTION 3 - ENGINE

FIGURE 3-2. DEUTZ D2011 ENGINE INSTALLATION (WITH ARCTIC PACKAGE)

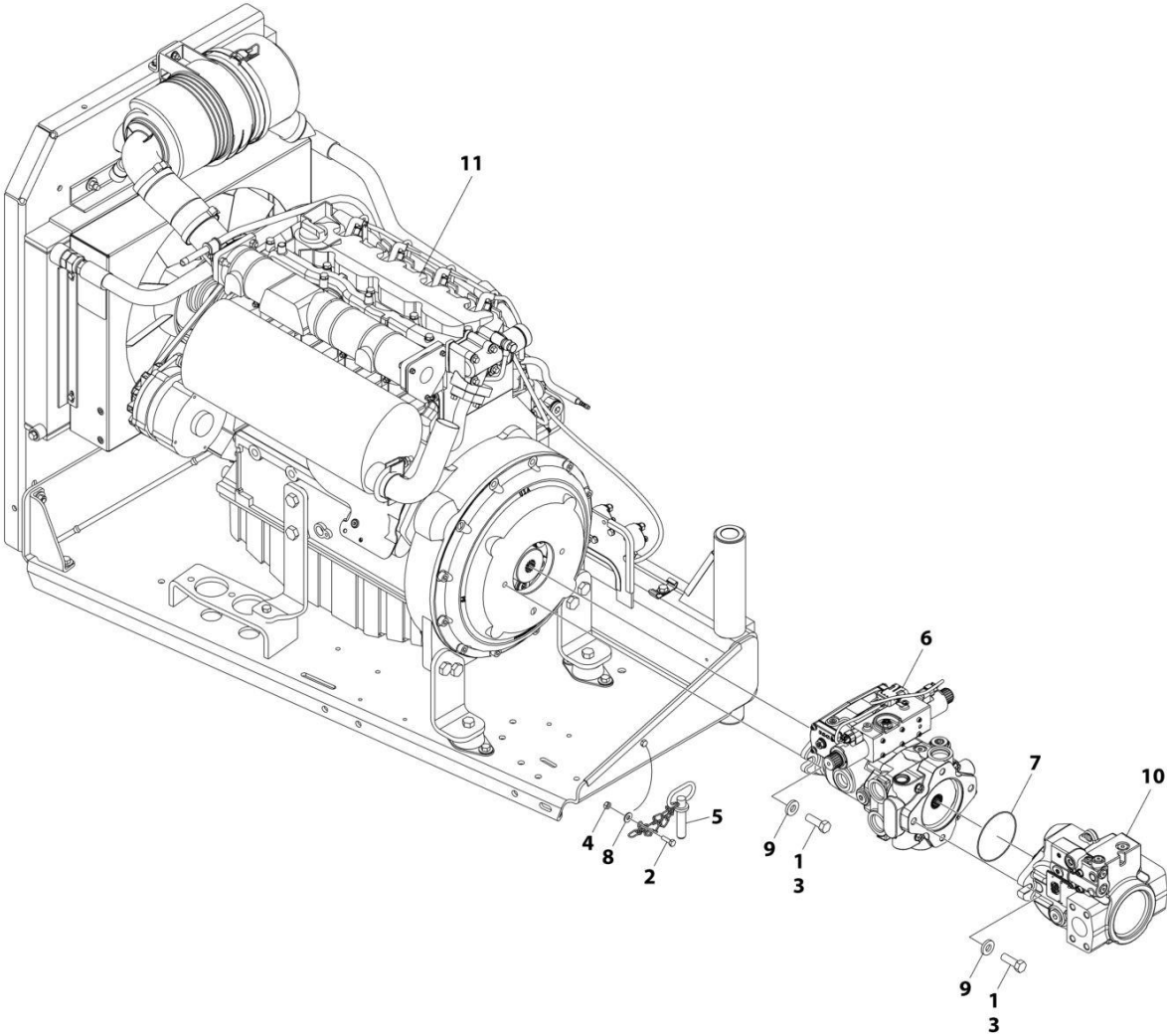
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178178	Ref	DEUTZ D2011 ENGINE INSTALLATION (WITH ARCTIC PACKAGE)	E
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
4	0641410	4	Bolt 1/4 x 1-1/4	
5	0641508	1	Bolt 5/16 x 1	
6	0641610	3	Bolt 3/8 x 1-1/4	
7	0641808	2	Bolt 1/2 x 1	
8	0642010	1	Bolt 5/8 x 1-1/4	
9	0681608	3	Bolt 3/8 x 1 Grade 8	
10	1060626	1	Cord, 3 Way Extension (Located on Left Front of Engine)	
11	1060637	1	Lanyard	
12	1320022	5	Clamp	
13	1320176	1	Clamp	
14	1321339	1	Clamp	
15	1701505	1	Decal - Fuel (Diesel)	
16	1702941	1	Decal - Battery Heater (Located on Battery Heater)	
17	1702942	1	Decal - Engine Block Heater (Located on Right Side of Engine)	
18	1702943	1	Decal - Hydraulic Tank Heater (Located on bottom of Hydraulic Oil Tank)	
19	1702944	1	Decal - Heater Cord (Located on Left Front of Engine)	
20	2180348	1	Fitting, Straight Barbed	
21	2220313	1	Fitting, 90 NPT/Barbed	
22	2221176	1	Fitting, 90 NPT/Barbed	
23	2580024	1	Heater, Battery (Located on Battery)	
24	1001188972	1	Heater, Hydraulic Tank (Located on bottom of Hydraulic Oil Tank)	
25	2720058	30 ft/ 9m	Hose	
26	2750532	6 ft/ 1.8m	Hose	
27	3311605	2	Nut 3/8	
28	3311801	1	Nut 1/2	
29	3422446	1	Pin, Pivot	
30	3841143	1	Pin, Keeper	
31	3960389	5 ft/ 1.5m	Seal	
32	3980007	1	Seat, Battery	
33	4711400	6	Washer 1/4	
35	4751600	7	Washer 3/8	
36	4751800	1	Washer 1/2	
37	4752000	1	Washer 5/8	
41	1001101600	1	Tube, Exhaust	
42	1001150918	1	Cord, 8ft Extension (Located near Battery)	
43	1001151070	1	Plate	
44	1001154237	1	Engine and Pump Assembly with Arctic Package (See Separate Breakdown in this Section)	
45	1001155143	1	Kit, Battery Cable	
45	7027092	1	Cable, Battery (Black) (Battery - to Tray Pivot and Relay Grd)	
45	8270147	1	Terminal, Battery (With Boot) Cable, Battery (Black)	
45	7027093	1	Cable, Battery (Black) (Battery - to Aux Pump Ground)	
45	7027053	1	Cable, Battery (Black) (Engine to Tray Pivot Grd)	
45	7027094	1	Cable (Red) (Battery + to Relays/Starter)	
45	7027095	1	Cable (Red) (Aux Relay to Aux Pump)	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
46	1001162497	1	Bracket, Battery	
48	0641409	1	Bolt 1/4 x 1-1/8	
49	1320224	1	Clamp	
50	3311405	1	Nut 1/4	
51	1001110425	1	Spacer	

SECTION 3 - ENGINE

FIGURE 3-3. DEUTZ D2011 ENGINE AND PUMP SUB-ASSEMBLY (WITHOUT ARCTIC PACKAGE)



ART_1001154236

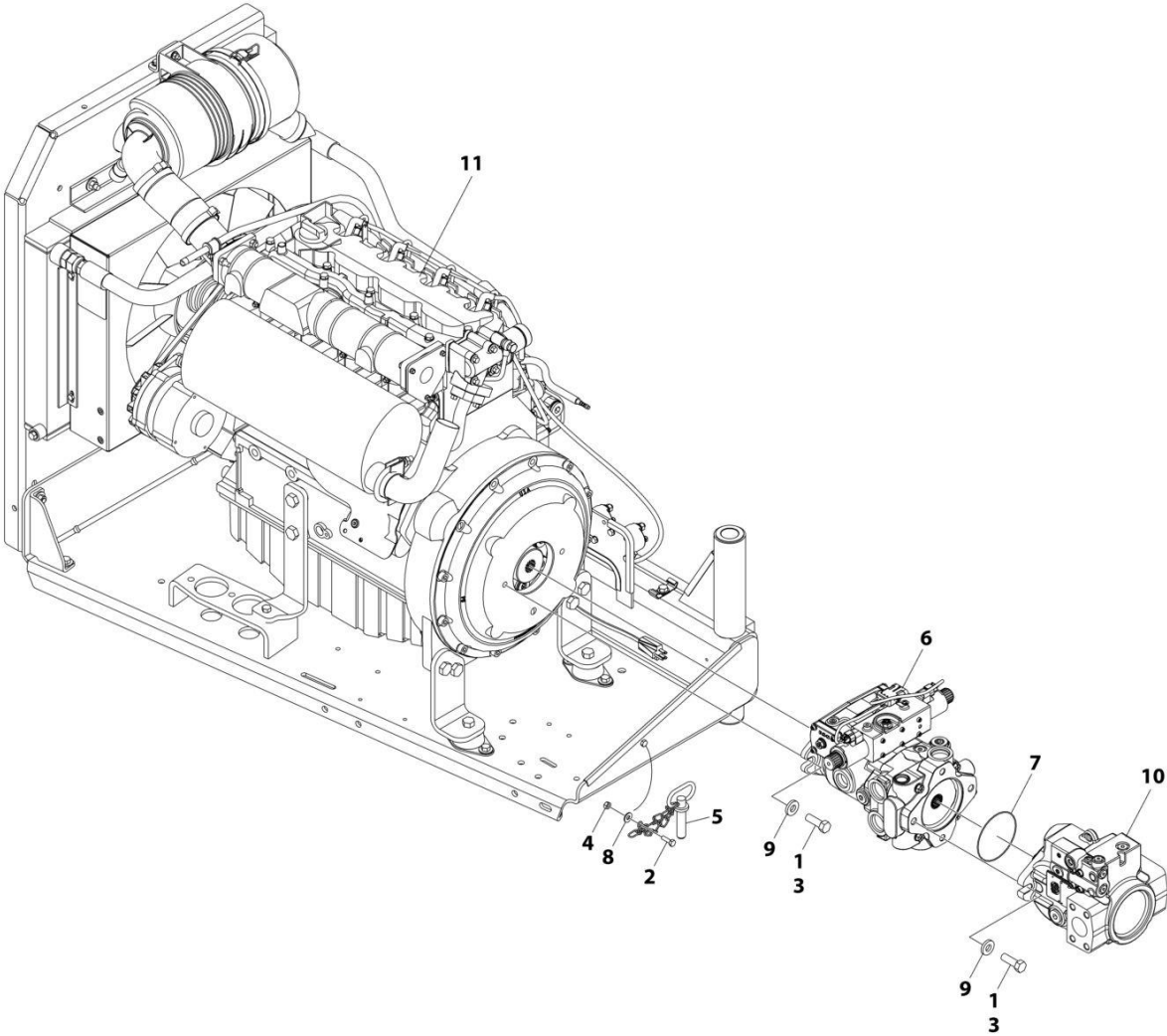
SECTION 3 - ENGINE

FIGURE 3-3. DEUTZ D2011 ENGINE AND PUMP SUB-ASSEMBLY (WITHOUT ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001154236	Ref	DEUTZ D2011 ENGINE AND PUMP SUB-ASSEMBLY (WITHOUT ARCTIC PACKAGE)	D
1	0100011	AR	Compound, Locking	
2	0641407	1	Bolt 1/4 x 7/8	
3	0641812	4	Bolt 1/2 x 1-1/2	
4	3311405	1	Nut 1/4	
5	3422532	1	Pin, Hitch	
6	1001225745	1	Hydrostatic Pump Assembly with Fittings (See Separate Breakdown in this Section)	
7	3790044	1	O-Ring	
8	4751400	1	Washer 1/4	
9	4891800	4	Washer 1/2	
10	1001094595	1	Variable Pump Assembly with Fittings (See Separate Breakdown in this Section)	
11	1001153396	1	Engine Assembly Without Arctic Package (See Separate Breakdown in this Section)	

SECTION 3 - ENGINE

FIGURE 3-4. DEUTZ D2011 ENGINE AND PUMP SUB-ASSEMBLY (WITH ARCTIC PACKAGE)



ART_1001154237

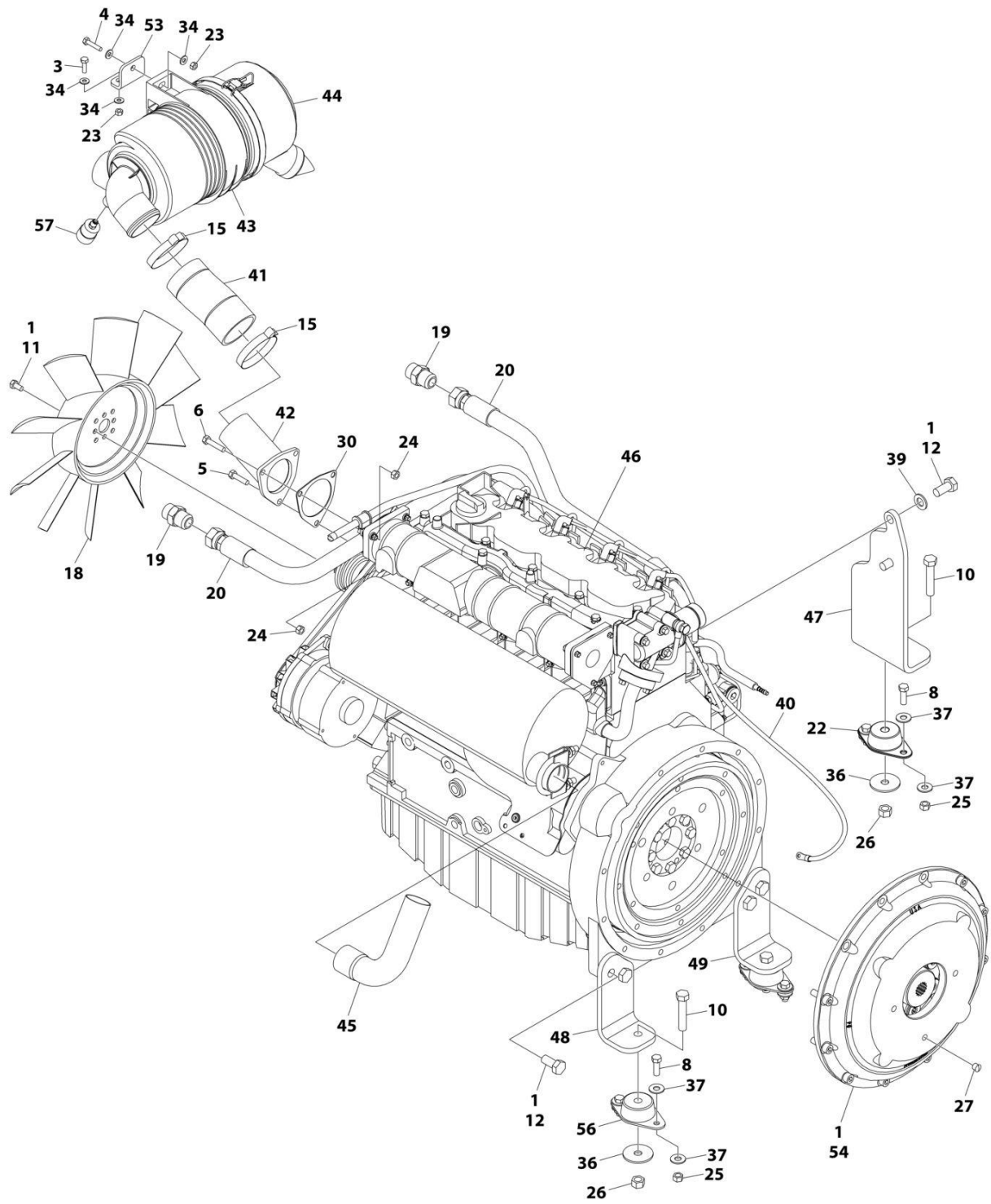
SECTION 3 - ENGINE

FIGURE 3-4. DEUTZ D2011 ENGINE AND PUMP SUB-ASSEMBLY (WITH ARCTIC PACKAGE)

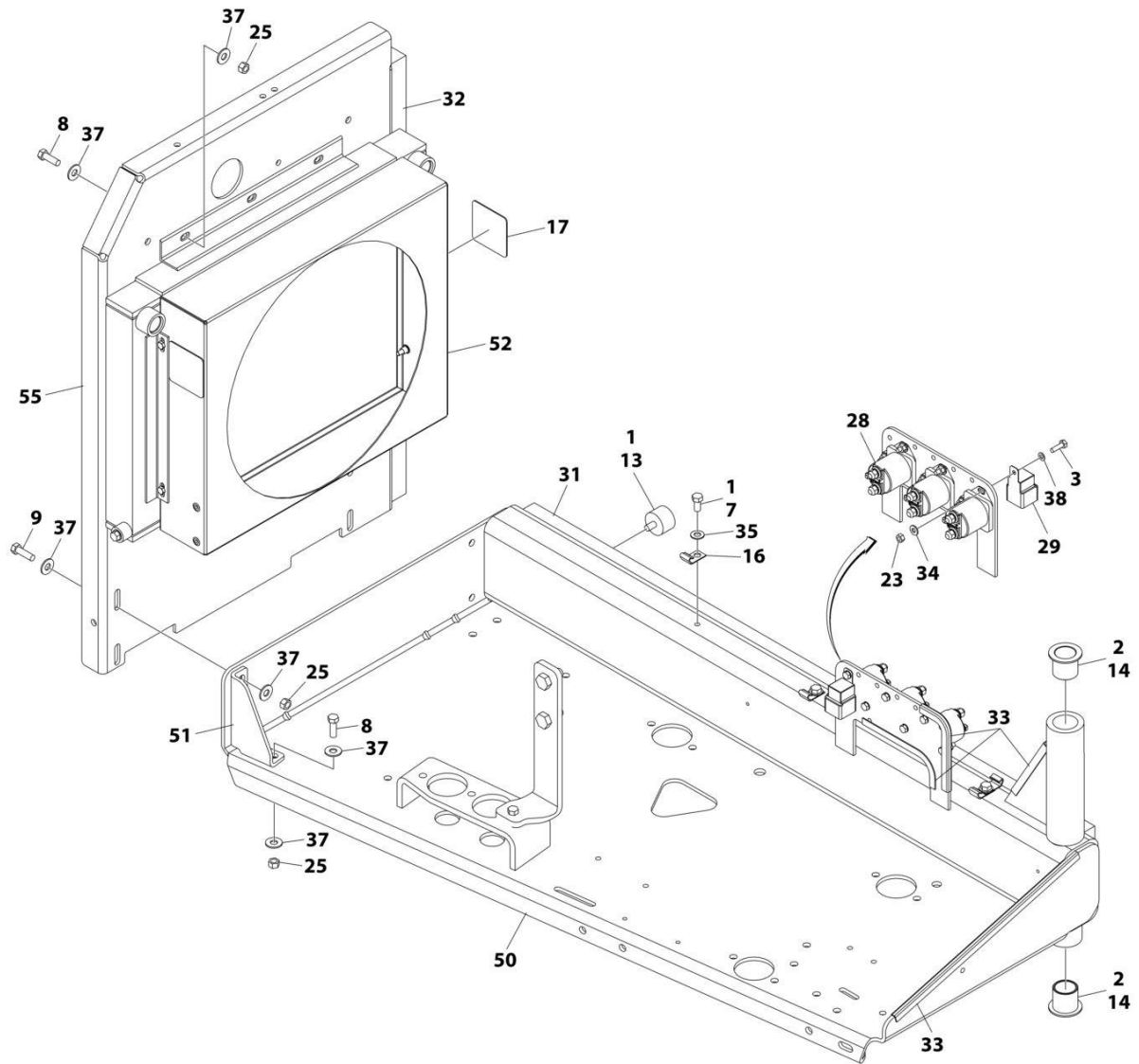
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001154237	Ref	DEUTZ D2011 ENGINE AND PUMP SUB-ASSEMBLY (WITH ARCTIC PACKAGE)	D
1	0100011	AR	Compound, Locking	
2	0641407	1	Bolt 1/4 x 7/8	
3	0641812	4	Bolt 1/2 x 1-1/2	
4	3311405	1	Nut 1/4	
5	3422532	1	Pin, Hitch	
6	1001225745	1	Hydrostatic Pump Assembly with Fittings (See Separate Breakdown in this Section)	
7	3790044	1	O-Ring	
8	4751400	1	Washer 1/4	
9	4891800	4	Washer 1/2	
10	1001094595	1	Variable Pump Assembly with Fittings (See Separate Breakdown in this Section)	
11	1001153779	1	Engine Assembly With Arctic Package (See Separate Breakdown in this Section)	

SECTION 3 - ENGINE

FIGURE 3-5. DEUTZ D2011 ENGINE ASSEMBLY (WITHOUT ARCTIC PACKAGE)



ART_1001153396_1OF2



ART_1001153396_20F2

SECTION 3 - ENGINE

FIGURE 3-5. DEUTZ D2011 ENGINE ASSEMBLY (WITHOUT ARCTIC PACKAGE)

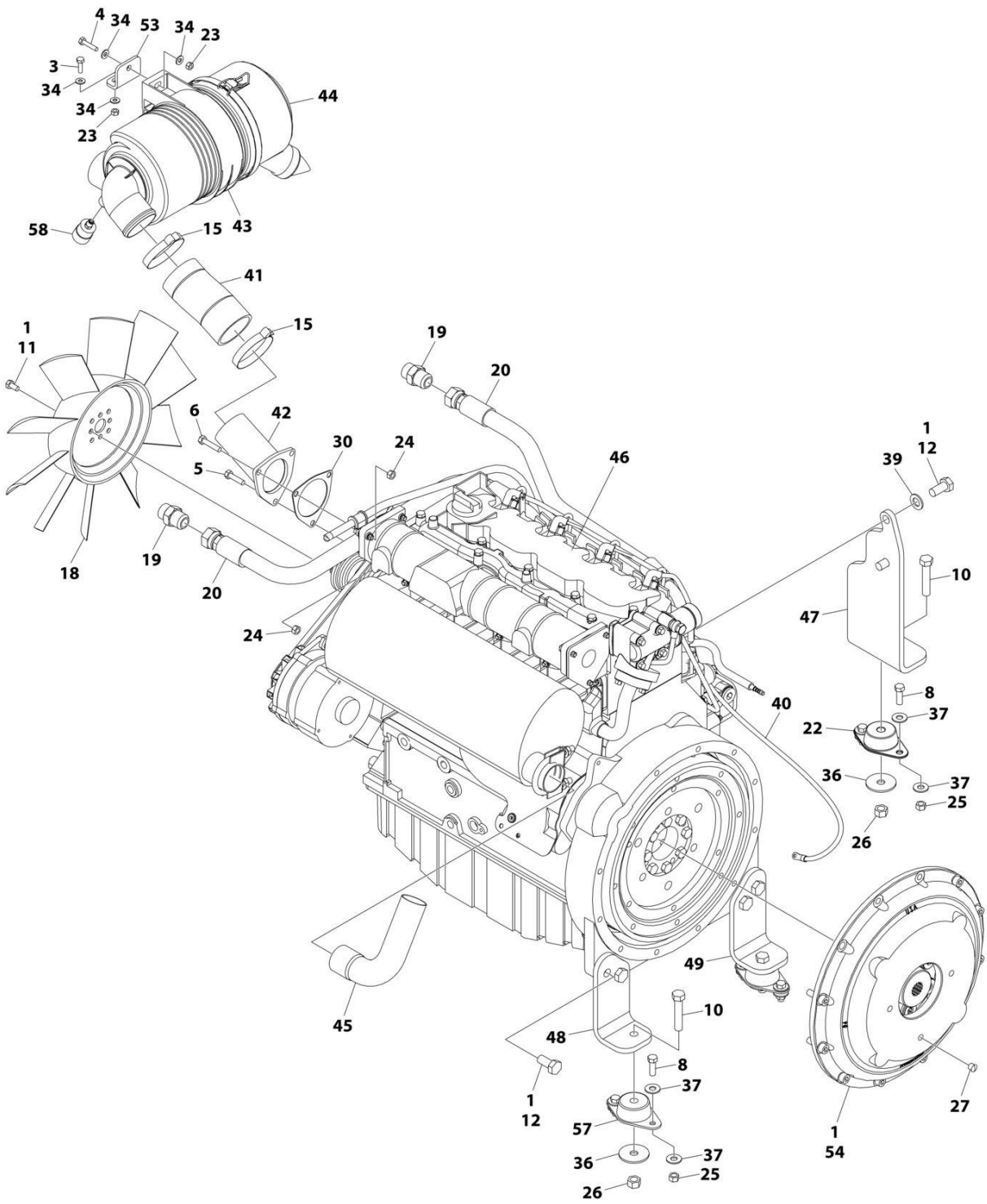
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001153396	Ref	ENGINE ASSEMBLY WITHOUT ARCTIC PACKAGE	H
1	0100011	AR	Compound, Locking	
2	0100062	AR	Compound, Locking	
3	0641407	8	Bolt 1/4 x 7/8	
4	0641410	2	Bolt 1/4 x 1-1/4	
5	0641510	2	Bolt 5/16 x 1-1/4	
6	0641512	1	Bolt 5/16 x 1-1/2	
7	0641606	3	Bolt 3/8 x 3/4	
8	0641609	14	Bolt 3/8 x 1-1/8	
9	0641610	4	Bolt 3/8 x 1-1/4	
10	0641820	3	Bolt 1/2 x 2-1/2	
11	0700808	4	Bolt M8 x 16	
12	0771414	6	Bolt M14 x 30	
13	0940070	1	Bumper	
14	0961986	2	Bushing, Flanged	
15	1320016	2	Clamp	
16	1320223	4	J-Clip	
17	1703162	2	Decal - Caution Fan Blade	
18	2060025	1	Fan	
19	2220451	2	Fitting, Straight	
20	2720398	2	Hose, Oil Cooler	
22	3200406	1	Mount, Motor	
23	3311405	10	Nut 1/4	
24	3311505	3	Nut 5/16	
25	3311605	18	Nut 3/8	
26	3311805	3	Nut 1/2	
27	3520054	2	Plug	
28	3740067	3	Relay	
29	3740080	1	Relay	
30	3960407	1	Gasket, Air Intake	
31	3960468	1	Seal	
32	3960469	1	Seal	
33	4060805	37 in/1m	Flex-Trim	
34	4711400	14	Washer 1/4	
35	4711600	3	Washer 3/8	
36	4740274	3	Washer, Snubbing	
37	4751600	36	Washer 3/8	
38	4791400	6	Washer, Star 1/4	
39	4812200	2	Washer M14	
40	4923379	1	Harness, Glow Plug	
41	1001001939	1	Hose, Flex	
42	1001146273	1	Adapter, Air Intake	
43	1001147812	1	Clamp	
44	1001147813	1	Air Cleaner Assembly Filter Element	
44	70004020	1	Element, Filter (Not Shown)	
45	1001147820	1	Pipe, Exhaust	
46	1001147823	1	Engine, Deutz D2011 (See Separate Breakdown in this section)	
47	1001149704	1	Support, Engine	
48	1001149705	1	Support, Engine	
49	1001149706	1	Support, Engine	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	1001149793	1	Tray, Engine	
51	1001150915	1	Gusset	
52	1001150998	1	Radiator	
53	1001152459	1	Plate, Air Cleaner Mounting	
54	1001153282	1	Pump Coupling Kit (See Separate Breakdown in this section)	
55	1001153414	1	Plate, Radiator Mounting	
56	3200401	2	Mount, Motor	
57	1001143390	1	Indicator	

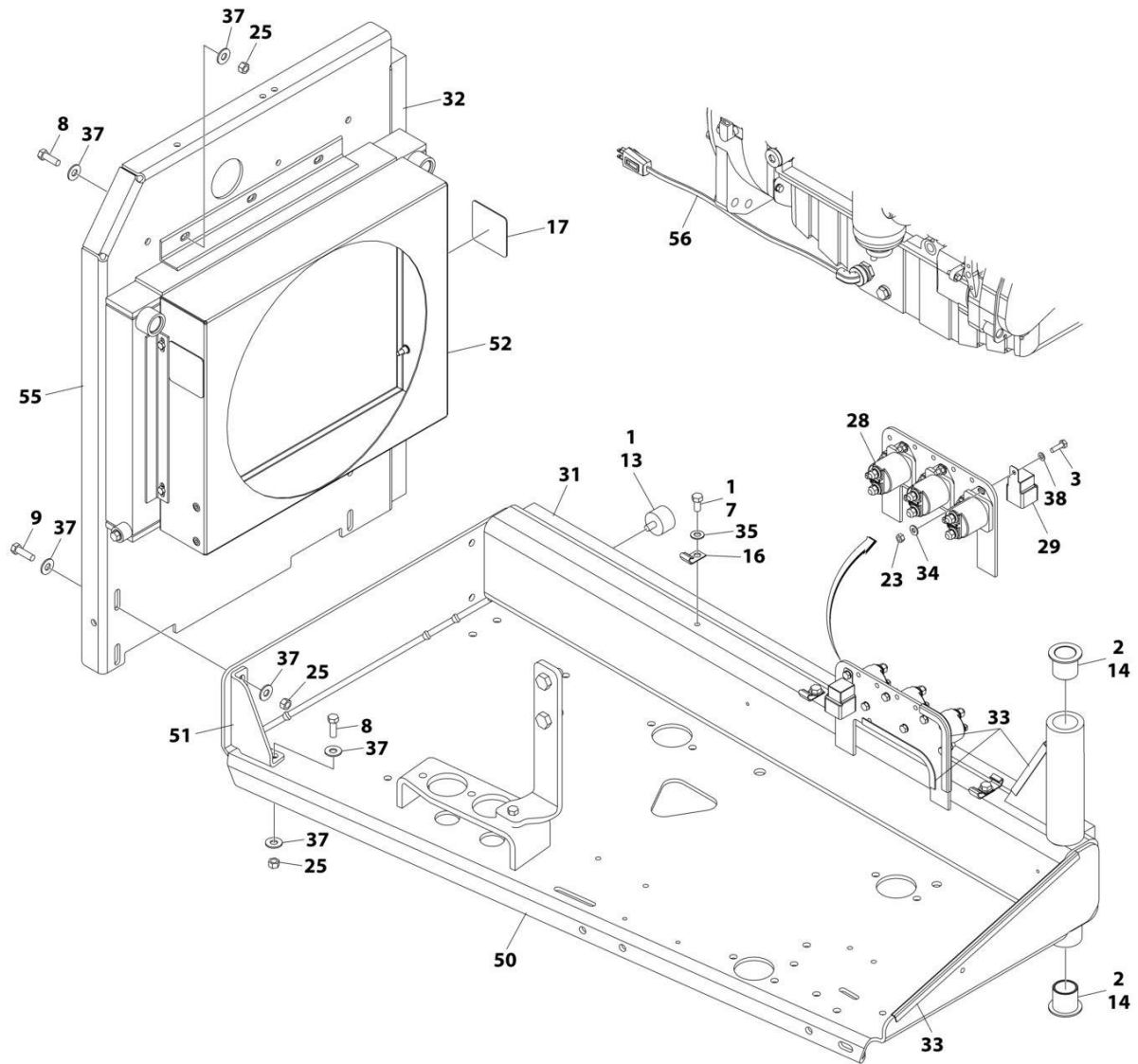
SECTION 3 - ENGINE

FIGURE 3-6. DEUTZ D2011 ENGINE ASSEMBLY (WITH ARCTIC PACKAGE)



ART_1001153779_10F2

SECTION 3 - ENGINE



ART_1001153779_20F2

SECTION 3 - ENGINE

FIGURE 3-6. DEUTZ D2011 ENGINE ASSEMBLY (WITH ARCTIC PACKAGE)

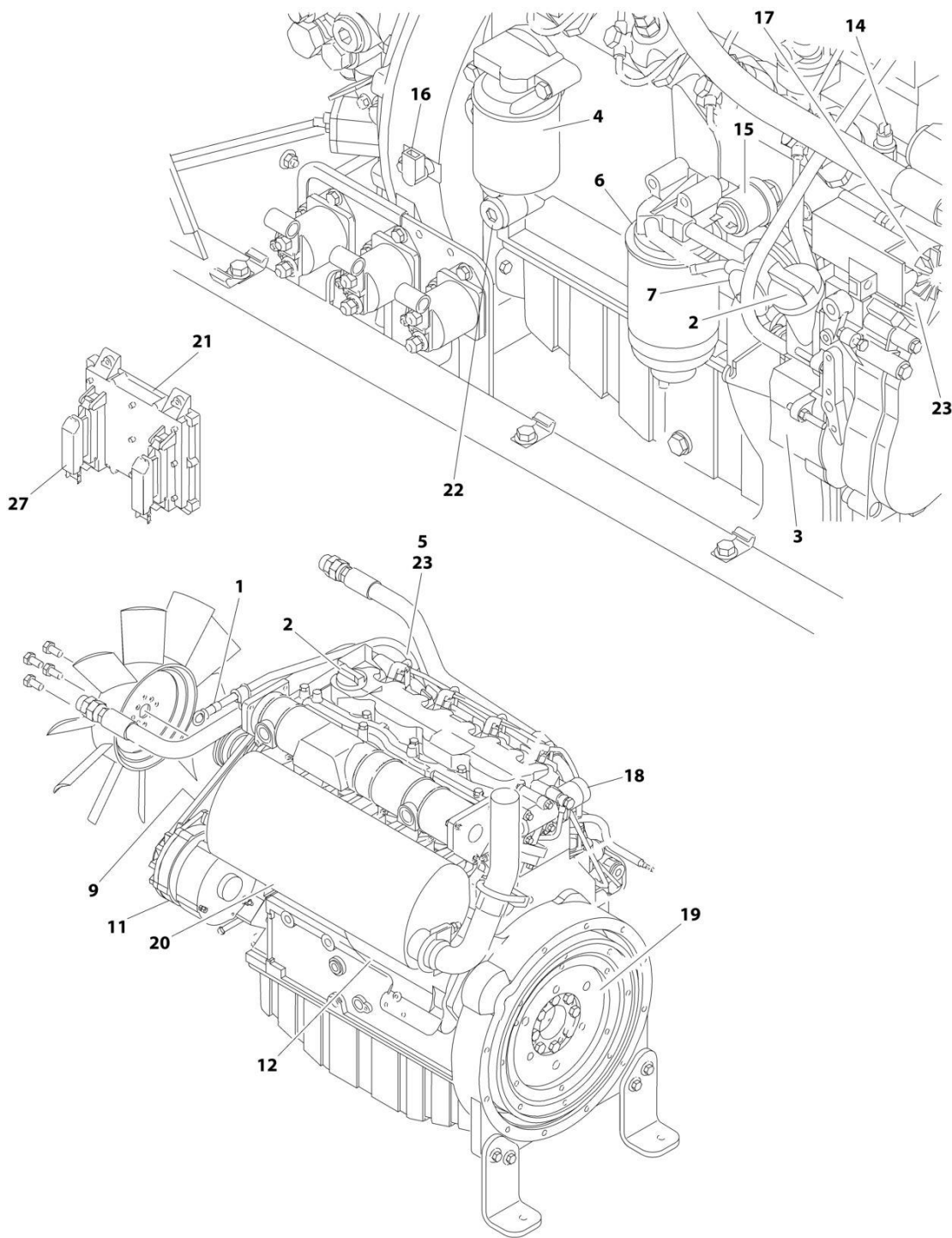
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001153779	Ref	ENGINE ASSEMBLY WITH ARCTIC PACKAGE	H
1	0100011	AR	Compound, Locking	
2	0100062	AR	Compound, Locking	
3	0641407	8	Bolt 1/4 x 7/8	
4	0641410	2	Bolt 1/4 x 1-1/4	
5	0641510	2	Bolt 5/16 x 1-1/4	
6	0641512	1	Bolt 5/16 x 1-1/2	
7	0641606	3	Bolt 3/8 x 3/4	
8	0641609	14	Bolt 3/8 x 1-1/8	
9	0641610	4	Bolt 3/8 x 1-1/4	
10	0641820	3	Bolt 1/2 x 2-1/2	
11	0700808	4	Bolt M8 x 16	
12	0771414	6	Bolt M14 x 30	
13	0940070	1	Bumper	
14	0961986	2	Bushing, Flanged	
15	1320016	2	Clamp	
16	1320223	4	J-Clip	
17	1703162	2	Decal - Caution Fan Blade	
18	2060025	1	Fan	
19	2220451	2	Fitting, Straight	
20	2720398	2	Hose, Oil Cooler	
22	3200406	1	Mount, Motor	
23	3311405	10	Nut 1/4	
24	3311505	3	Nut 5/16	
25	3311605	18	Nut 3/8	
26	3311805	3	Nut 1/2	
27	3520054	2	Plug	
28	3740067	3	Relay	
29	3740080	1	Relay	
30	3960407	1	Gasket, Air Intake	
31	3960468	1	Seal	
32	3960469	1	Seal	
33	4060805	37 in/1m	Flex-Trim	
34	4711400	14	Washer 1/4	
35	4711600	3	Washer 3/8	
36	4740274	3	Washer, Snubbing	
37	4751600	36	Washer 3/8	
38	4791400	6	Washer, Star 1/4	
39	4812200	2	Washer M14	
40	4923379	1	Harness, Glow Plug	
41	1001001939	1	Hose, Flex	
42	1001146273	1	Adapter, Air Intake	
43	1001147812	1	Clamp	
44	1001147813	1	Air Cleaner Assembly Filter Element	
44	70004020	1	Element, Filter (Not Shown)	
45	1001147820	1	Pipe, Exhaust	
46	1001147823	1	Engine, Deutz D2011 (See Separate Breakdown in this Section)	
47	1001149704	1	Support, Engine	
48	1001149705	1	Support, Engine	
49	1001149706	1	Support, Engine	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	1001149793	1	Tray, Engine	
51	1001150915	1	Gusset	
52	1001150998	1	Radiator	
53	1001152459	1	Plate, Air Cleaner Mounting	
54	1001153282	1	Pump Coupling Kit (See Separate Breakdown in this Section)	
55	1001153414	1	Plate, Radiator Mounting	
56	2580062	1	Heater, Block	
57	3200401	2	Mount, Motor	
58	1001143390	1	Indicator	

SECTION 3 - ENGINE

FIGURE 3-7. DEUTZ D2011 ENGINE COMPONENTS



ART_1001147823

SECTION 3 - ENGINE

FIGURE 3-7. DEUTZ D2011 ENGINE COMPONENTS

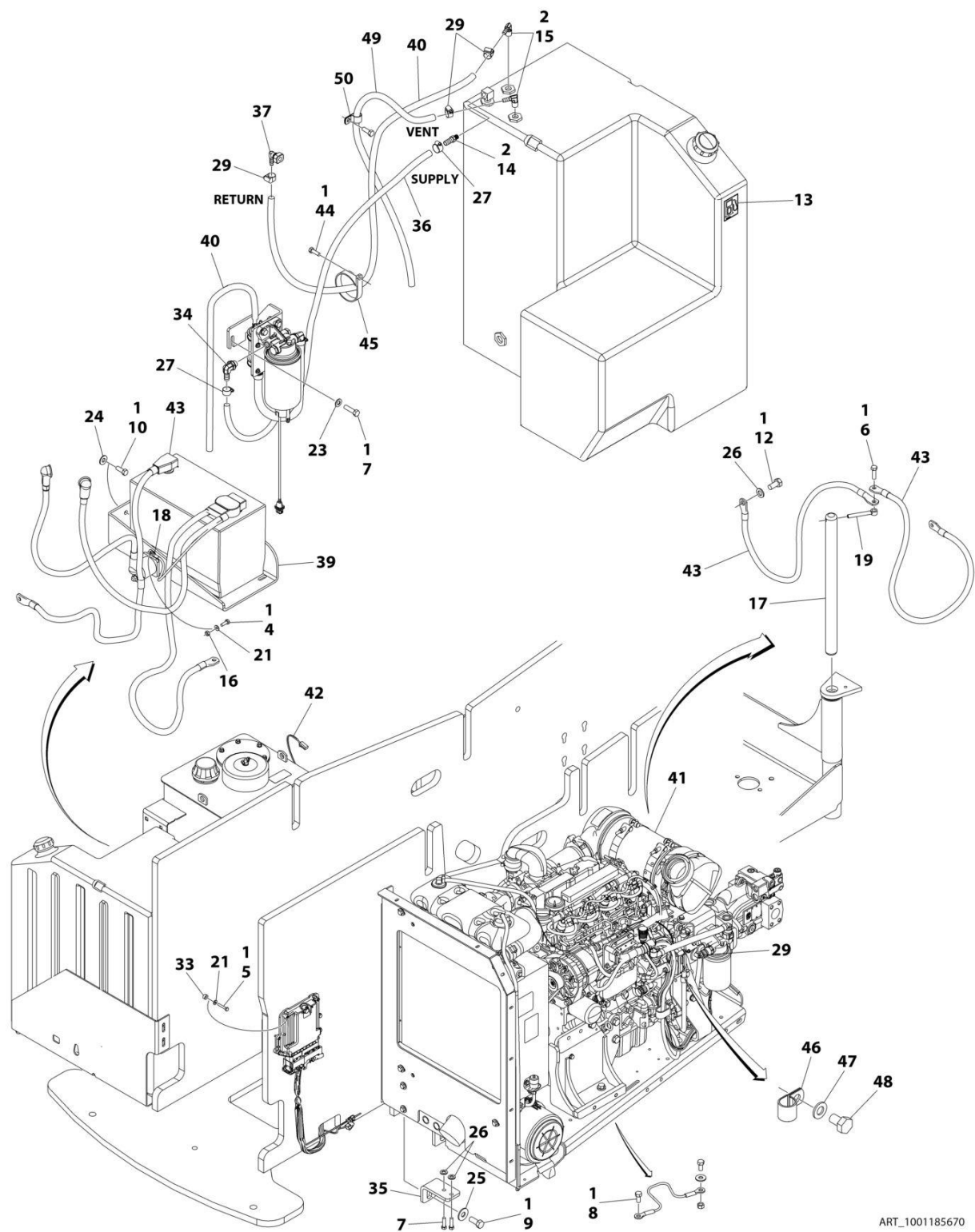
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147823	Ref	ENGINE COMPONENTS	C
1	70004287	1	Dipstick	
1	70000044	1	Seal, Dipstick	
1	70001002	1	Tube, Dipstick	
1	7020403	1	Seal, Dipstick Tube	
2	7020465	2	Cap, Filler	
3	70001850	1	Pump, Oil Lube	
3	7020468	1	Seal Between Oil Pump and Engine Block (Not Shown)	
4	7016331	1	Filter, Oil	
4	70003472	1	Bracket, Oil Filter	
4	7027236	1	Sender, Temperature	
4	70025082	1	Ring, Sealing	
5	70000912	4	Series A Injector	
5	70000913	4	Series B Injector	
5	70000914	4	Series C Injector	
5	70000915	4	Series D Injector	
5	70003464	4	Seal/Gasket, Pump (1 Per Injector)	
5	70003478	4	Injector, Fuel	
5	70003136	4	Seal/Gasket, Pump (1 Per Injector)	
6	7016328	1	Filter, Fuel	
6	70003465	1	Sensor	
6	70003466	1	Seal, Sensor	
7	70000916	1	Pump, Fuel Supply	
7	70001435	1	Repair Kit for Fuel Supply Pump	
7	70000919	1	Hand Pump for Fuel Supply Pump	
7	70000917	1	O - Seal Between Fuel Pump and Engine Block	
7	70000918	1	O - Seal Between Fuel Pump and Hand Pump	
8	70001871	4	Gasket, Intake Manifold	
9	7020408	1	V-Belt	
10		Ref	Exhaust Manifold Components (Not Shown)	
10	70001835	1	Gasket, Exhaust Adapter to Exhaust Rail	
10	70001841	1	Valve, Exhaust (Fits into Exhaust Adapter)	
10	70001836	1	Gasket, Exhaust Rail to Cylinder Head	
10	70001837	1	Gasket, Exhaust Manifold to Muffler	
10	70002200	4	Stud, Mounting	
10	See Note	AR	Nut, Exhaust Manifold	
11	70004056	1	Alternator	
11	70001868	1	Regulator, Voltage (Not Shown)	
11	70001866	1	Seal, Gasket for Voltage Regulator (Not Shown)	
11	70002234	1	Bar, Alternator Adjustment	
12	7020479	1	Starter	
12	70004058	1	Relay	
13	70004060	2	Plug-In Connector	
14	7027791	1	Transmitter, Temperature	
15	7027790	1	Sensor, Oil Pressure	
16	70004272	1	Sensor, Speed	
17	7027792	1	Throttle Actuator	
17	7027276	2	Spring	
18	70003475	1	Thermostat (Located at rear of engine block - Not Shown)	
19	70001870	1	Flywheel with Ring Gear	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
19	7024579	1	Gear, Ring 110 Tooth	
20	7000695	1	Muffler	
20	70001844	1	U-Ciamp	
20	7020471	4	Gasket	
21	7027795	1	Module, Control	
22	70001181	1	Valve, Pressure Control	
22	70124410	1	Spring	
22	70025082	1	Seal	
22	70124440	1	Screw, Locking	
23	70000345	4	Plug, Glow	
24	70000800	1	Camshaft Pulley Repair Kit (Not Shown	
26	70002415	1	Gasket, Head with 1 Notch (Not Shown)	
62	70002416	1	Gasket, Head with 2 Notch (Not Shown)	
26	70002417	1	Gasket, Head with 3 Notch (Not Shown)	
27	7027796	1	Harness, Engine (Connects to Item 421)	
27	70001872	1	Harness, Engine (Connects to p/n 7027796)	
28		Ref	Gaskets and Seals - Miscellaneous (Not Shown)	
28	70004289	1	Gasket Set	
28	70002718	1	Seal, Rear Main	
28	70004280	1	Seal, Front Main	
29	70025752	1	Valve, Pressure Relief (Not Shown - Located at Engine Front Left)	
29	70025753	1	Spring	
29	70005916	1	Seal	
29	70005917	1	Plug, Locking	

SECTION 3 - ENGINE

FIGURE 3-8. DEUTZ TD2.9L4 ENGINE INSTALLATION (WITHOUT ARCTIC PACKAGE)



SECTION 3 - ENGINE

FIGURE 3-8. DEUTZ TD2.9L4 ENGINE INSTALLATION (WITHOUT ARCTIC PACKAGE)

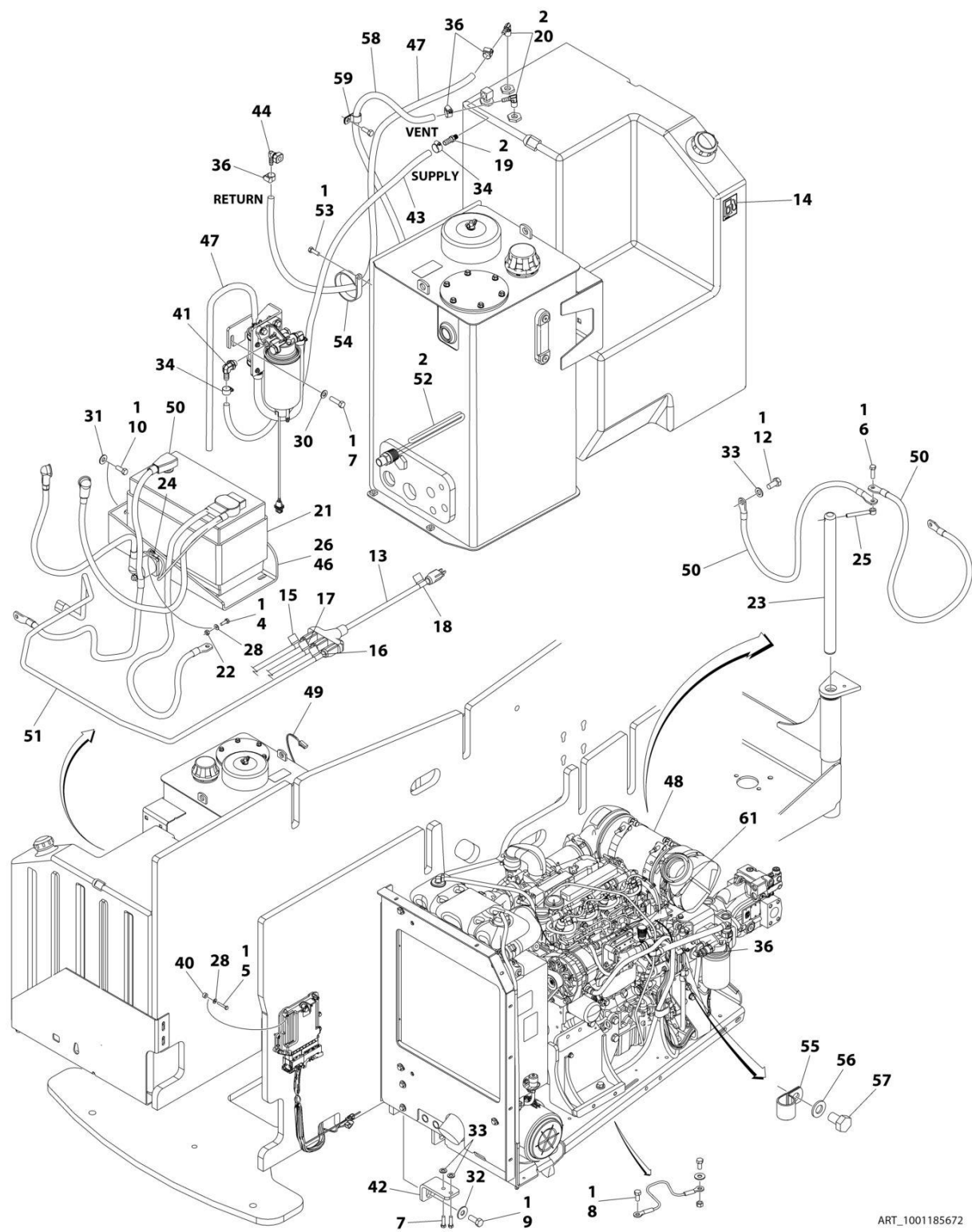
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185670	Ref	DEUTZ ENGINE INSTALLATION WITHOUT ARCTIC PACKAGE	F
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
4	0641406	2	Bolt 1/4 x 3/4	
5	0641412	4	Bolt 1/4 x 1-1/2	
6	0641610	1	Bolt 3/8 x 1-1/4	
7	0641611	4	Bolt 3/8 x 1-3/8	
8	0641808	1	Bolt 1/2 x 1	
9	0642012	1	Bolt 5/8 x 1-1/2	
10	0681608	3	Bolt 3/8 x 1	
12	0771212	1	Bolt M12 x 25	
13	1701505	1	Decal - Diesel Fuel (Not Shown Located on Fuel Tank)	
14	2180832	1	Fitting, 90 NPT/ Barbed	
15	2220313	2	Fitting, 90 NPT/Barbed	
16	3311405	2	Nut 1/4-20	
17	3422446	1	Pin, Pivot	
18	3740067	1	Relay	
19	3841143	1	Pin, Keeper	
20	4240033	1	Tie-Strap (Not Shown)	
21	4711400	6	Washer 1/4	
23	4711600	2	Washer 3/8	
24	4751600	3	Washer 3/8	
25	4752000	1	Washer 5/8	
26	4812100	3	Washer M12	
27	8405006	2	Clamp	
29	8410013	4	Clamp	
33	1001110425	4	Spacer	
34	1001142501	1	Fitting, Straight Metric/Barbed	
35	1001153359	1	Mount, Engine	
36	1001154405	54 in/ 1.4m	Hose	
37	1001155823	1	Fitting, Quick Disconnect 90	
39	1001162497	1	Bracket, Battery	
40	1001165035	28 ft/ 8.5m	Hose	
41	1001185667	1	Engine and Pump Assembly without Arctic Package (See Separate Breakdown in this Section)	
42	1001138491	1	Harness, Fuel (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
43	1001143736	1	Battery Cable Kit (Not Shown)	F
43	7027084	1	Cable, Battery (Black) (Battery - to Tray Pivot and Relay Grounds)	
43	8270147	1	Terminal, Battery (With Boot) Cable, Battery (Black)	
43	7027085	1	Cable, Battery (Black) (Battery - to Aux Pump Ground)	
43	7027086	1	Cable, Battery (Black) (Engine to Tray Pivot Ground)	
43	7027087	1	Cable (Red) (Battery + to Relays/Starter)	
43	7027088	1	Cable (Red) (Aux Relay to Aux Pump)	
43	See Note	1	Cable (Auxiliary Relay to Starter) (Note: Use p/n 7027087)	
44	0641508	1	Bolt 5/16 x 1	
45	1321339	1	Clamp	
46	1320061	1	Clamp	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
47	4812000	1	Washer M10	
48	0761008	1	Bolt M10 x 16	
49	2750532	4 ft/ 1.2m	Hose (Vent Line)	
50	8406102	1	Clip	

SECTION 3 - ENGINE

FIGURE 3-9. DEUTZ TD2.9L4 ENGINE INSTALLATION (WITH ARCTIC PACKAGE)



SECTION 3 - ENGINE

FIGURE 3-9. DEUTZ TD2.9L4 ENGINE INSTALLATION (WITH ARCTIC PACKAGE)

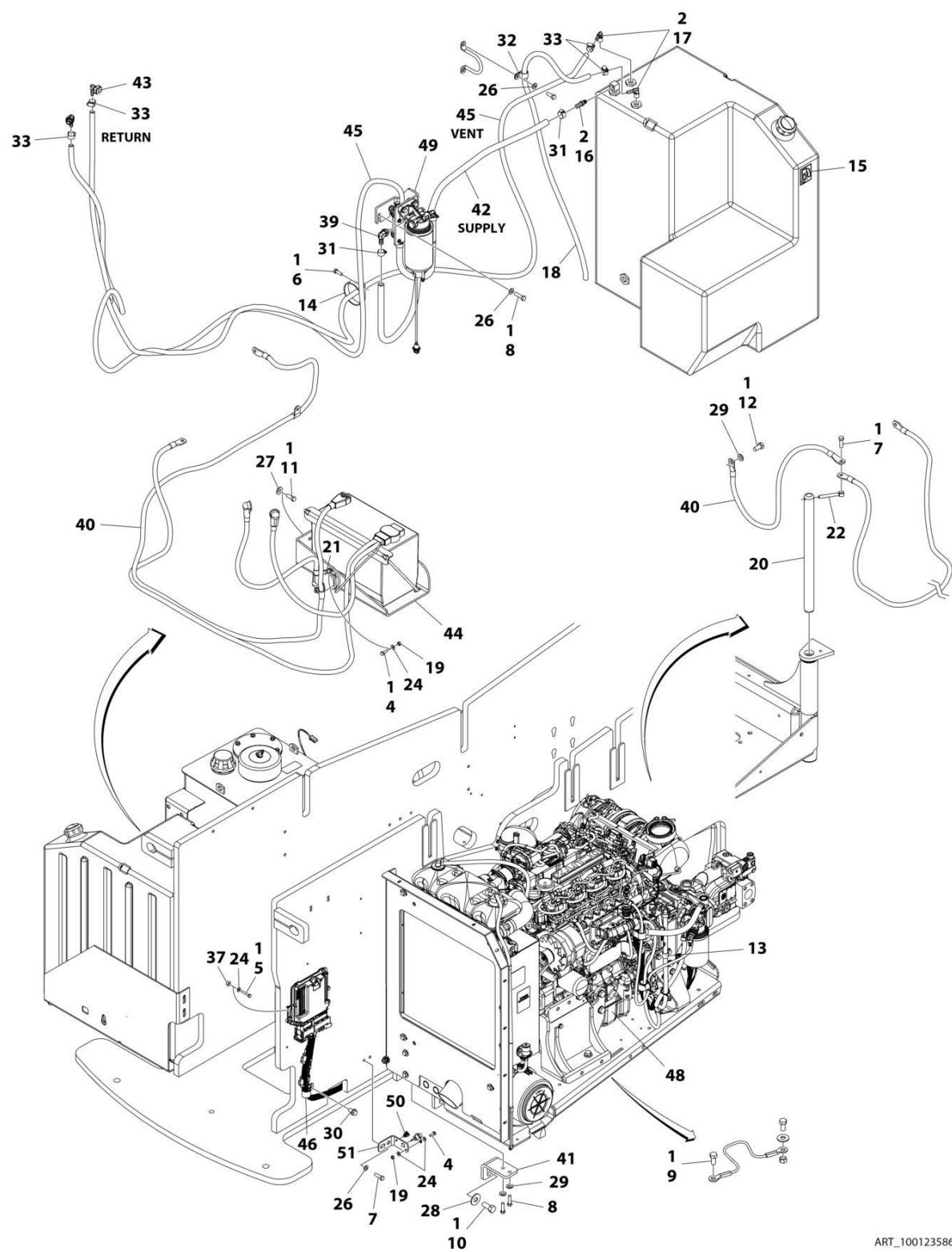
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185672	Ref	DEUTZ ENGINE INSTALLATION WITH ARCTIC PACKAGE	G
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
4	0641406	2	Bolt 1/4 x 3/4	
5	0641412	4	Bolt 1/4 x 1-1/2	
6	0641610	1	Bolt 3/8 x 1-1/4	
7	0641611	4	Bolt 3/8 x 1-3/8	
8	0641808	1	Bolt 1/2 x 1	
9	0642012	1	Bolt 5/8 x 1-1/2	
10	0681608	3	Bolt 3/8 x 1 Grade 8	
12	0771212	1	Bolt M12 x 25 Grade 10.9	
13	1060626	1	Cord, 3 Way Extension	
14	1701505	1	Decal - Diesel Fuel (Not Shown Located on Fuel Tank)	
15	1702941	1	Decal - Battery Heater	
16	1702942	1	Decal - Engine Block Heater	
17	1702943	1	Decal - Hydraulic Tank Heater	
18	1702944	1	Decal - Heater Cord	
19	2180832	1	Fitting, 90 NPT/ Barbed	
20	2220313	2	Fitting, 90 NPT/Barbed	
21	2580024	1	Heater, Battery	
22	3311405	2	Nut 1/4	
23	3422446	1	Pin, Pivot	
24	3740067	1	Relay	
25	3841143	1	Pin, Keeper	
26	3980007	1	Seat, Battery	
27	4240033	1	Tie-Strap (Not Shown)	
28	4711400	6	Washer 1/4	
30	4711600	2	Washer 3/8	
31	4751600	3	Washer 3/8	
32	4752000	1	Washer 5/8	
33	4812100	3	Washer M12	
34	8405006	2	Clamp	
36	8410013	4	Clamp	
40	1001110425	4	Spacer	
41	1001142501	1	Fitting, Straight Metric/Barbed	
42	1001153359	1	Mount, Engine	
43	1001154405	54 in/ 1.4m	Hose	
44	1001155823	1	Fitting, Quick Disconnect 90	
46	1001162497	1	Bracket, Battery	
47	1001165035	28 ft/ 8.5m	Hose	
48	1001185671	1	Deutz TD2.9L4 Engine and Pump Sub-Assembly (See Separate Breakdown in this Section)	
49	1001138491	1	Harness, Fuel (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
50	1001143736	1	Battery Cable Kit (Not Shown)	E
50	7027084	1	Cable, Battery (Black) (Battery - to Tray Pivot Grd)	
50	8270147	1	Terminal, Battery (With Boot)	
50	7027085	1	Cable, Battery (Black) (Battery - to Aux Pump and Relay Grds)	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	7027086	1	Cable, Battery (Black) (Engine to Tray Pivot Grd)	
50	7027087	1	Cable (Red) (Battery + to Aux Relay/Power Module/Starter)	
50	7027088	1	Cable (Red) (Aux Relay to Aux Pump)	
51	1001150918	1	Cord, 8ft Extension	
52	1001188972	1	Heater, Hydraulic Tank	
53	0641508	1	Bolt 5/16 x 1	
54	1321339	1	Clamp	
55	1320061	1	Clamp	
56	4812000	1	Washer M10	
57	0761008	1	Bolt M10 x 16	
58	2750532	4 ft/ 1.2m	Hose (Vent Line)	
59	8406102	1	Clip	
61	1001233763	Ref	Breather Heater Installation (Not Shown - See Separate Breakdown in this Section)	

SECTION 3 - ENGINE

FIGURE 3-10. DEUTZ TD2.9L4 ENGINE INSTALLATION (STAGE V)



ART_1001235860

SECTION 3 - ENGINE

FIGURE 3-10. DEUTZ TD2.9L4 ENGINE INSTALLATION (STAGE V)

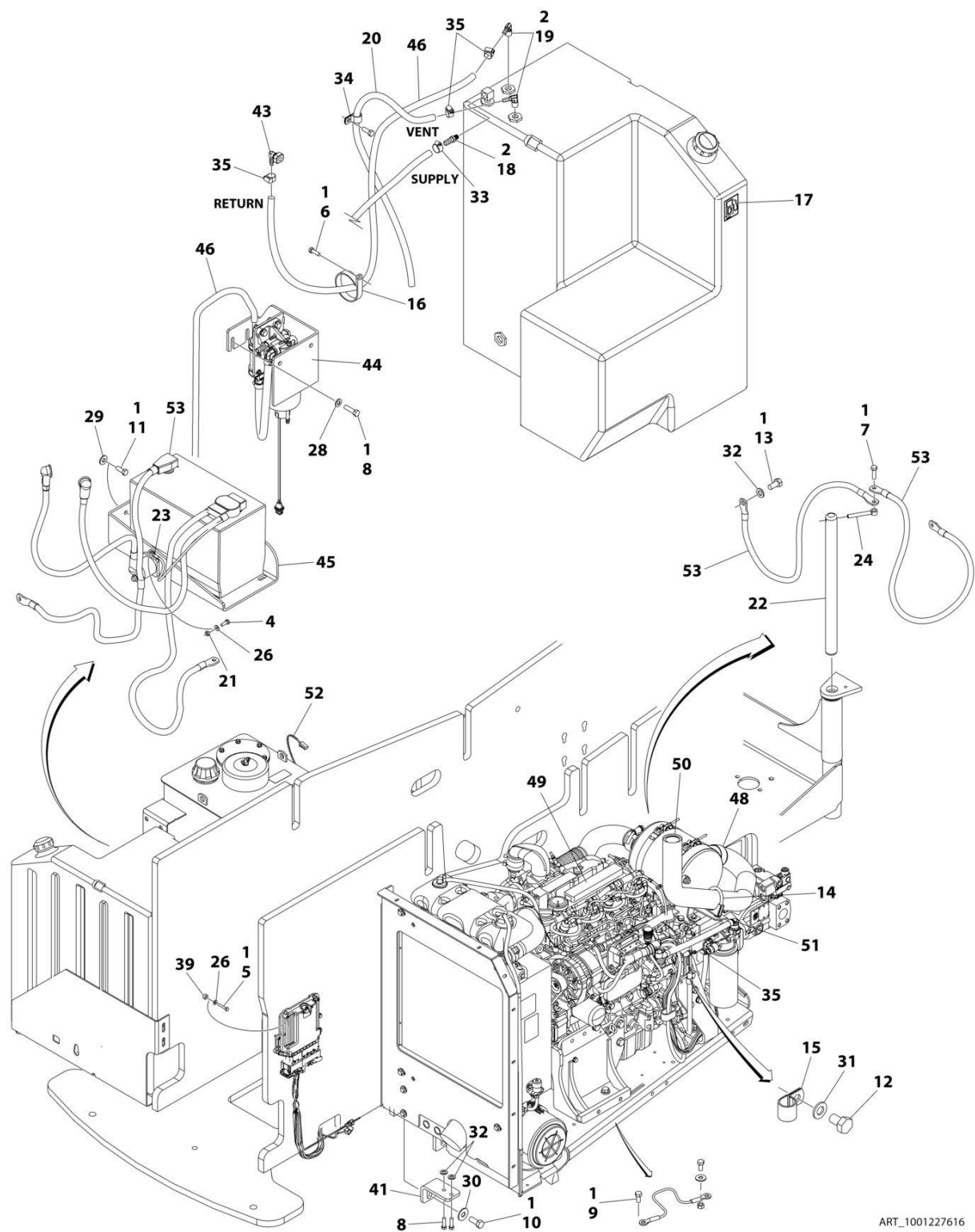
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235860	Ref	DEUTZ 2.9L4 (STAGE V) ENGINE INSTALLATION	F
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
4	0641406	2	Bolt 1/4 x 3/4	
5	0641412	4	Bolt 1/4 x 1-1/2	
6	0641508	1	Bolt 5/16 x 1	
7	0641610	1	Bolt 3/8 x 1-1/4	
8	0641611	4	Bolt 3/8 x 1-3/8	
9	0641808	1	Bolt 1/2 x 1	
10	0642012	1	Bolt 5/8 x 1-1/2	
11	0681608	3	Bolt 3/8 x 1	
12	0771212	1	Bolt M12 x 25	
13	1320061	1	Clamp	
14	1321339	1	Clamp	
15	1701505	1	Decal - Diesel Fuel (Not Shown Located on Fuel Tank)	
16	2180832	1	Fitting, 90 NPT/ Barbed	
17	2220313	2	Fitting, 90 NPT/Barbed	
18	2750532	4 ft/ 1.2m	Hose (Vent Line)	
19	3311405	2	Nut 1/4	
20	3422446	1	Pin, Pivot	
21	3740067	1	Relay	
22	3841143	1	Pin, Keeper	
23	4240099	AR	Tie-Strap (Not Shown)	
24	4711400	8	Washer 1/4	
26	4711600	4	Washer 3/8	
27	4751600	3	Washer 3/8	
28	4752000	1	Washer 5/8	
29	4812100	3	Washer M12	
30	5251210	1	Bolt M12 x 20	
31	8405006	2	Clamp	
32	8406102	1	Clip	
33	8410013	4	Clamp	
37	1001110425	4	Spacer	
38	1001138491	1	Harness, Fuel (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
39	1001142501	1	Fitting, Straight Metric/Barbed	
40	1001143736	1	Battery Cable Kit	E
40	7027084	1	Cable, Battery (Black) (Battery - to Tray Pivot Grd)	
40	8270147	1	Terminal, Battery (With Boot)	
40	7027085	1	Cable, Battery (Black) (Battery - to Aux Pump and Relay Grds)	
40	7027086	1	Cable, Battery (Black) (Engine to Tray Pivot Grd)	
40	7027087	1	Cable (Red) (Battery + to Aux Relay/Power Module/Starter)	
40	7027088	1	Cable (Red) (Aux Relay to Aux Pump)	
41	1001153359	1	Mount, Engine	
42	1001154405	54 in/ 1.4m	Hose	
43	1001155823	1	Fitting, Quick Disconnect 90	
44	1001162497	1	Bracket, Battery	
45	1001165035	28 ft/ 8.5m	Hose	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
46	1001191620	1	Clamp	
48	1001235861	1	Deutz TD2.9L4 Engine and Pump Sub-Assembly (STAGE V) (See Separate Breakdown in this Section)	
49	1001235949	1	Bracket Assembly Less Filter/Pump (See Separate Breakdown in this Section)	
50	1001146588	1	Strap	
51	1001256879	1	Bracket	
52	1062255	1	Tie-Strap (Not Shown)	

SECTION 3 - ENGINE

FIGURE 3-11. DEUTZ TD2.9L4 ENGINE INSTALLATION (CHINA III)



ART_1001227616

SECTION 3 - ENGINE

FIGURE 3-11. DEUTZ TD2.9L4 ENGINE INSTALLATION (CHINA III)

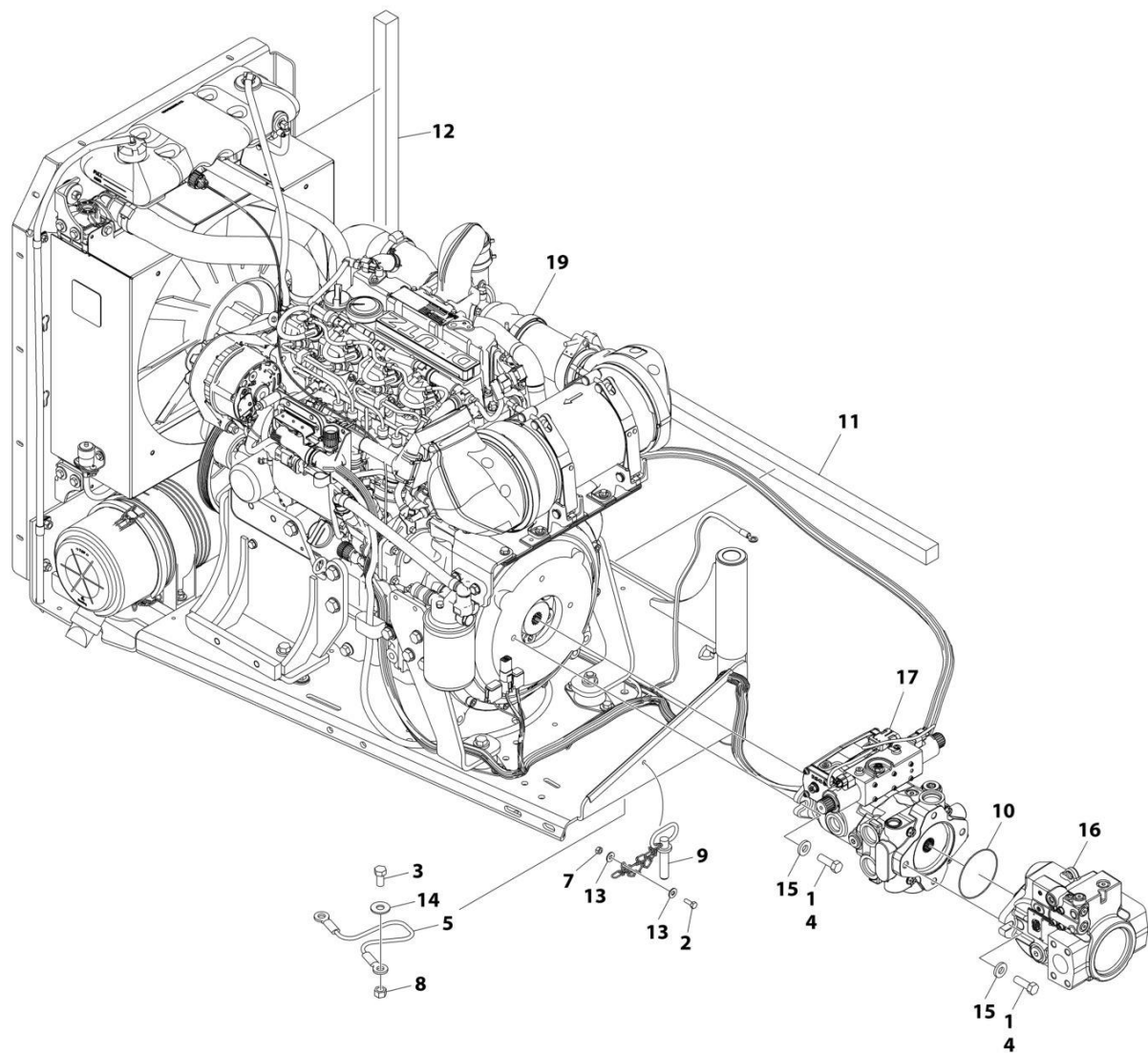
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227616	Ref	DEUTZ ENGINE INSTALLATION	D
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
4	0641406	2	Bolt 1/4 x 3/4	
5	0641412	4	Bolt 1/4 x 1-1/2	
6	0641508	1	Bolt 5/16 x 1	
7	0641610	1	Bolt 3/8 x 1-1/4	
8	0641611	4	Bolt 3/8 x 1-3/8	
9	0641808	1	Bolt 1/2 x 1	
10	0642012	1	Bolt 5/8 x 1-1/2	
11	0681608	3	Bolt 3/8 x 1	
12	0761008	1	Bolt M10 x 16	
13	0771212	1	Bolt M12 x 25	
14	1320011	1	Clamp, Muffler (Located on Exhaust)	
15	1320061	1	Clamp	
16	1321339	1	Clamp	
17	1701505	1	Decal - Diesel Fuel (Not Shown Located on Fuel Tank)	
18	2180832	1	Fitting, 90 NPT/ Barbed	
19	2220313	2	Fitting, 90 NPT/Barbed	
20	2750532	4 ft/ 1.2m	Hose (Vent Line)	
21	3311405	2	Nut 1/4-20	
22	3422446	1	Pin, Pivot	
23	3740067	1	Relay	
24	3841143	1	Pin, Keeper	
25	4240033	AR	Tie-Strap (Not Shown)	
26	4711400	7	Washer 1/4	
28	4711600	2	Washer 3/8	
29	4751600	3	Washer 3/8	
30	4752000	1	Washer 5/8	
31	4812000	1	Washer M10	
32	4812100	3	Washer M12	
33	8405006	1	Clamp	
34	8406102	1	Clip	
35	8410013	4	Clamp	
39	1001110425	4	Spacer	
41	1001153359	1	Mount, Engine	
43	1001155823	1	Fitting, Quick Disconnect 90	
44	1001227224	1	Bracket Assembly Less Filter/Pump (See Separate Breakdown in this Section)	
45	1001162497	1	Bracket, Battery	
46	1001165035	28 ft/ 8.5m	Hose	
48	1001221212	1	Clamp (Located on Exhaust)	
49	1001227615	1	Deutz TD2.9L4 Engine and Pump Sub-Assembly (See Separate Breakdown in this Section)	
50	1001247013	1	Pipe	
51	1001227620	1	Plate (Located on Exhaust)	
52	1001138491	1	Harness, Fuel (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
53	1001143736	1	Battery Cable Kit (Not Shown)	E

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
53	7027084	1	Cable, Battery (Black) (Battery - to Tray Pivot Grd)	
53	8270147	1	Terminal, Battery (With Boot)	
53	7027085	1	Cable, Battery (Black) (Battery - to Aux Pump and Relay Grds)	
53	7027086	1	Cable, Battery (Black) (Engine to Tray Pivot Grd)	
53	7027087	1	Cable (Red) (Battery + to Aux Relay/Power Module/Starter)	
53	7027088	1	Cable (Red) (Aux Relay to Aux Pump)	

SECTION 3 - ENGINE

FIGURE 3-12. DEUTZ TD2.9L4 ENGINE AND PUMP SUB-ASSEMBLY (WITHOUT ARCTIC PACKAGE)



ART_1001185667

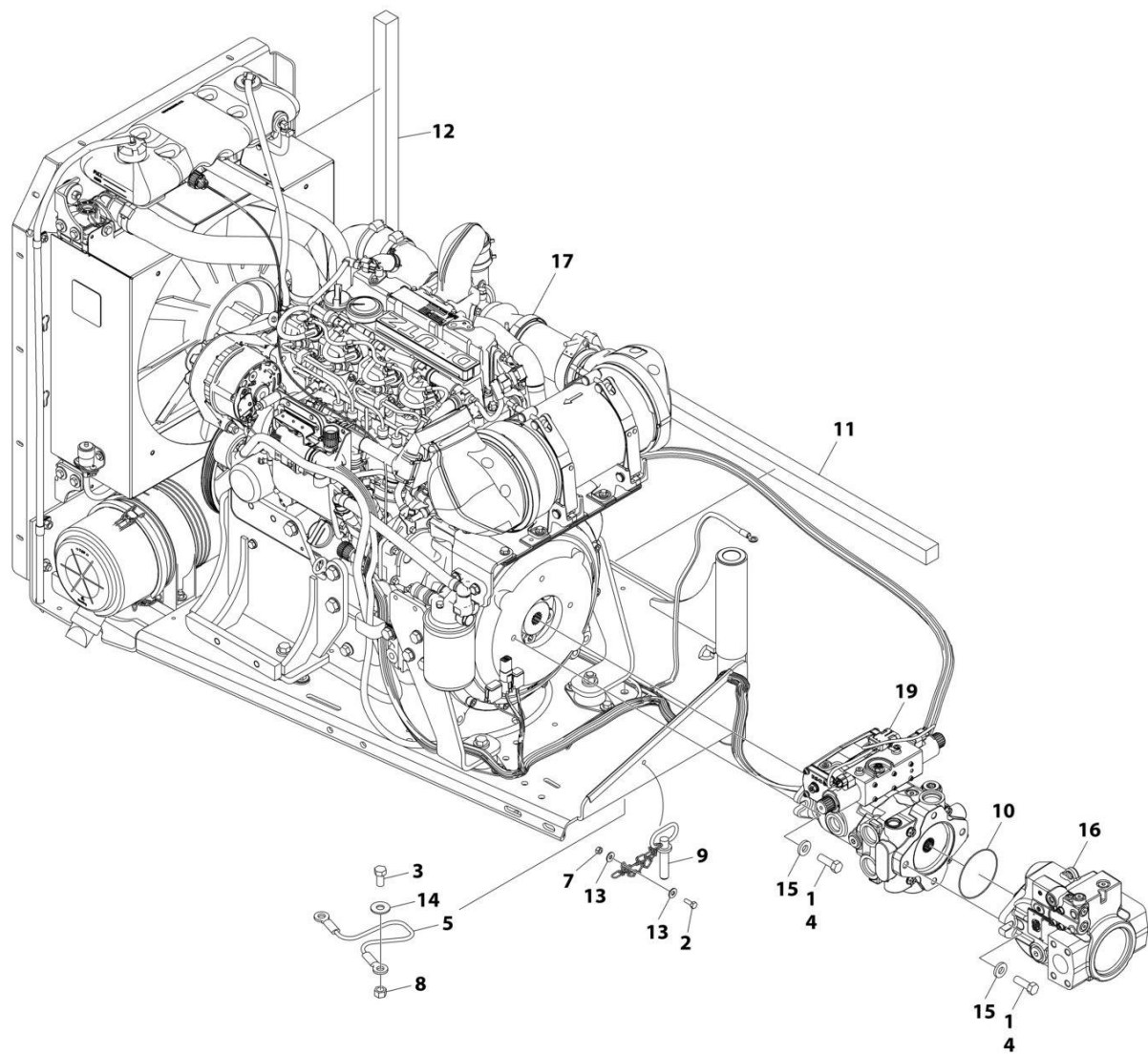
SECTION 3 - ENGINE

FIGURE 3-12. DEUTZ TD2.9L4 ENGINE AND PUMP SUB-ASSEMBLY (WITHOUT ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185667	Ref	DEUTZ TD2.9L4 ENGINE AND PUMP SUB-ASSEMBLY (WITHOUT ARCTIC PACKAGE)	H
1	0100011	AR	Compound, Locking	
2	0641406	1	Bolt 1/4 x 3/4	
3	0641808	1	Bolt 1/2 x 1	
4	0641812	4	Bolt 1/2 x 1-1/2	
5	1060637	1	Lanyard	
7	3311405	1	Nut 1/4	
8	3311801	1	Nut 1/2	
9	3422532	1	Pin	
10	3790044	1	O-Ring	
11	3960468	1	Seal	
12	3960469	1	Seal	
13	4751400	2	Washer 1/4	
14	4751800	1	Washer 1/2	
15	4891800	4	Washer 1/2	
16	1001094595	1	Variable Pump Assembly (See Separate Breakdown in this Section)	
17	1001225745	1	Hydrostatic Pump Assembly (See Separate Breakdown in this Section)	
19	1001176027	1	Engine Assembly Without Arctic Package (See Separate Breakdown in this Section)	

SECTION 3 - ENGINE

FIGURE 3-13. DEUTZ TD2.9L4 ENGINE AND PUMP SUB-ASSEMBLY (WITH ARCTIC PACKAGE)



ART_1001185671

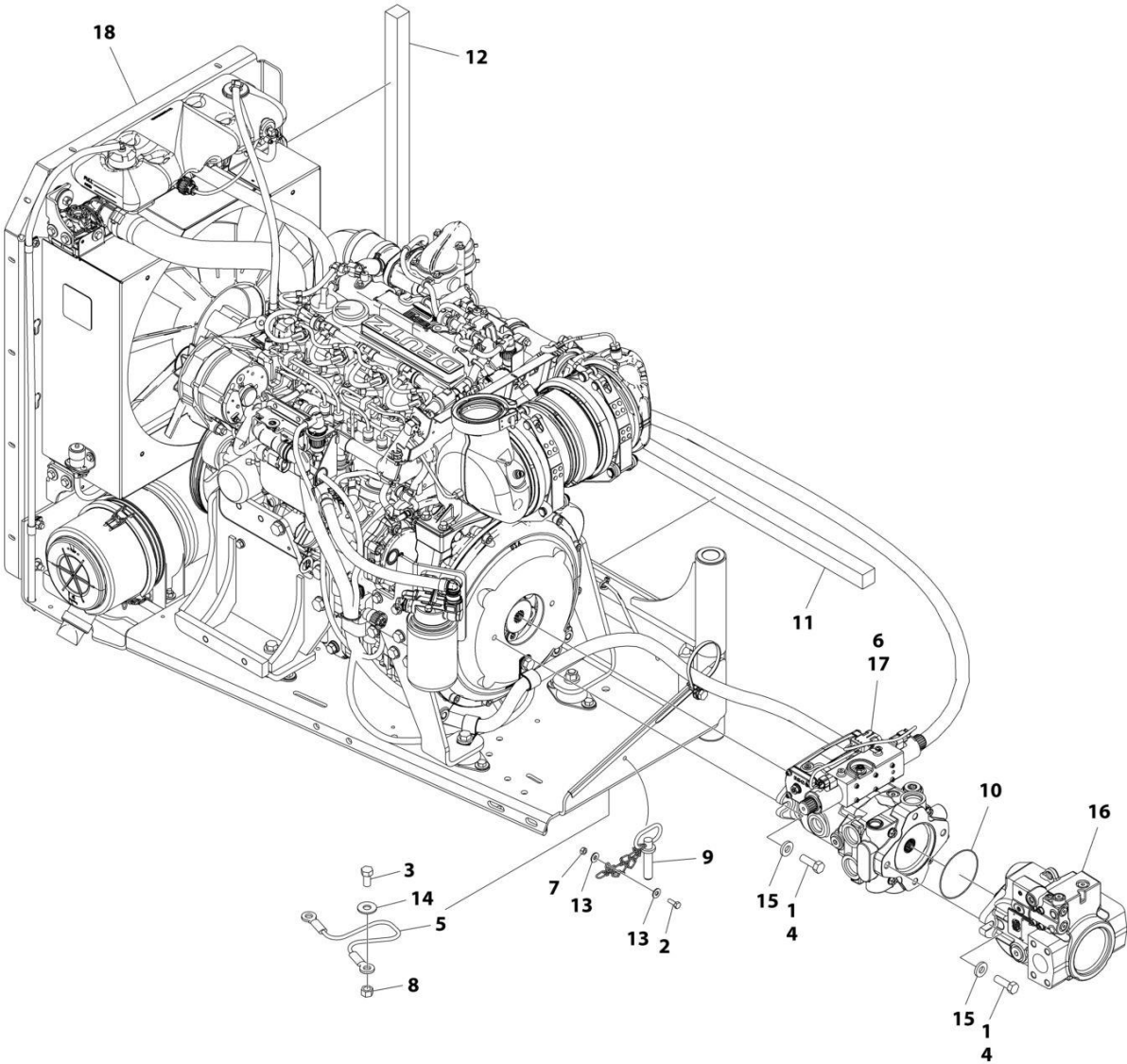
SECTION 3 - ENGINE

FIGURE 3-13. DEUTZ TD2.9L4 ENGINE AND PUMP SUB-ASSEMBLY (WITH ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185671	Ref	DEUTZ TD2.9L4 ENGINE AND PUMP SUB-ASSEMBLY (WITH ARCTIC PACKAGE)	H
1	0100011	AR	Compound, Locking	
2	0641406	1	Bolt 1/4 x 3/4	
3	0641808	1	Bolt 1/2 x 1	
4	0641812	4	Bolt 1/2 x 1-1/2	
5	1060637	1	Cable, Lanyard	
7	3311405	1	Nut 1/4	
8	3311801	1	Nut 1/2	
9	3422532	1	Pin, Hitch	
10	3790044	1	O-Ring	
11	3960468	1	Seal	
12	3960469	1	Seal	
13	4751400	2	Washer 1/4	
14	4751800	1	Washer 1/2	
15	4891800	4	Washer 1/2	
16	1001094595	1	Variable Pump Assembly with Fittings (See Separate Breakdown in this Section)	
17	1001176035	1	Engine Assembly With Arctic Package (See Separate Breakdown in this Section)	
19	1001225745	1	Hydrostatic Pump Assembly (See Separate Breakdown in this Section)	

SECTION 3 - ENGINE

FIGURE 3-14. DEUTZ TD2.9L4 ENGINE AND PUMP SUB-ASSEMBLY (STAGE V)



ART_1001235861

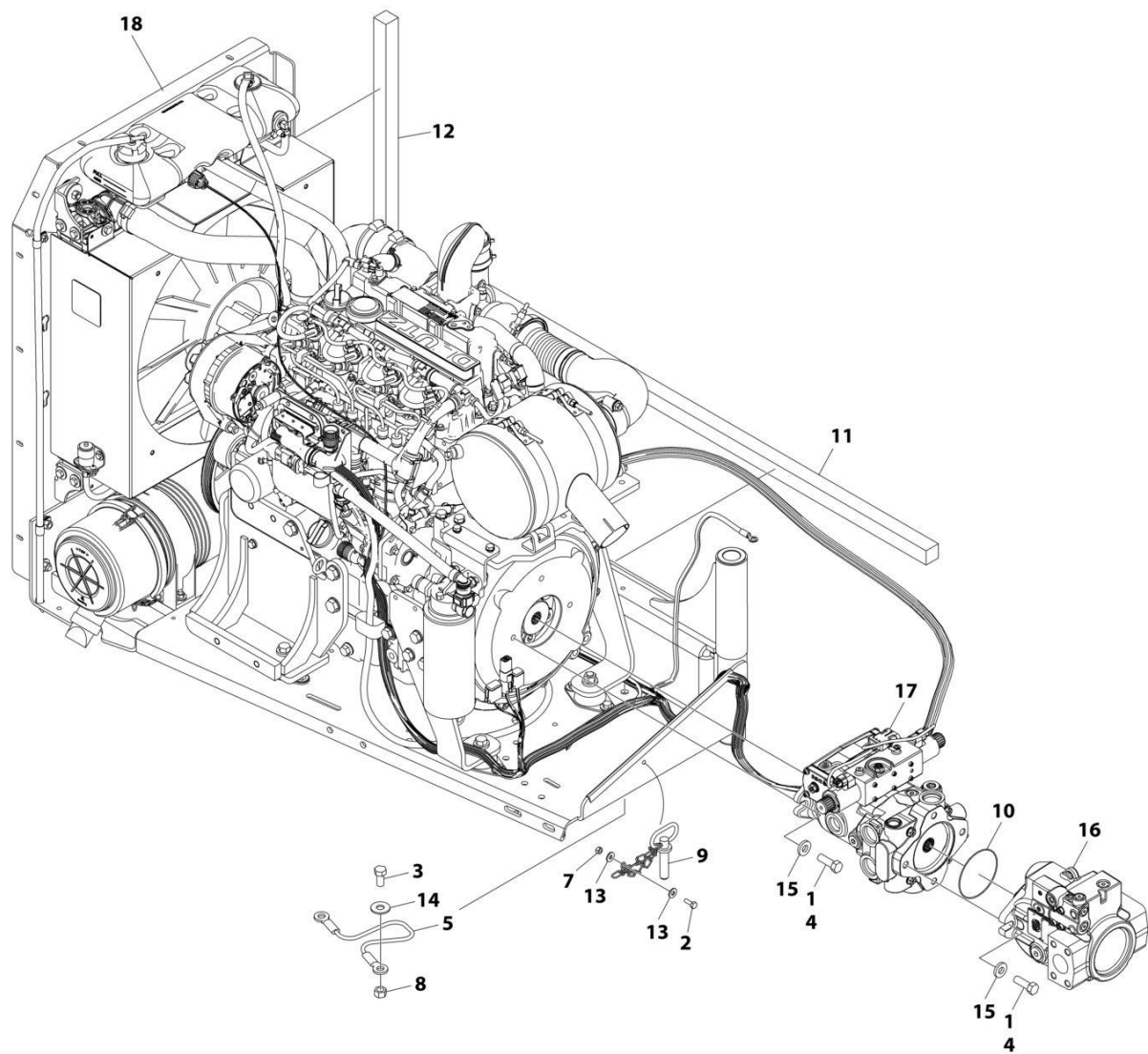
SECTION 3 - ENGINE

FIGURE 3-14. DEUTZ TD2.9L4 ENGINE AND PUMP SUB-ASSEMBLY (STAGE V)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235861	Ref	DEUTZ TD2.9L4 ENGINE AND PUMP SUB-ASSEMBLY (STAGE V)	B
1	0100011	AR	Compound, Locking	
2	0641406	1	Bolt 1/4 x 3/4	
3	0641808	1	Bolt 1/2 x 1	
4	0641812	4	Bolt 1/2 x 1-1/2	
5	1060637	1	Lanyard	
6	3020037	AR	Lubricant	
7	3311405	1	Nut 1/4	
8	3311801	1	Nut 1/2	
9	3422532	1	Pin, Hitch	
10	3790044	1	O-Ring	
11	3960468	1	Seal	
12	3960469	1	Seal	
13	4751400	2	Washer 1/4	
14	4751800	1	Washer 1/2	
15	4891800	4	Washer 1/2	
16	1001094595	1	Variable Pump Assembly with Fittings (See Separate Breakdown in this Section)	
17	1001225745	1	Hydrostatic Pump Assembly (See Separate Breakdown in this Section)	
18	1001235862	1	Engine Assembly - DEUTZ 2.9L4 (Stage V) Engines (See Separate Breakdown in this Section)	

SECTION 3 - ENGINE

FIGURE 3-15. DEUTZ TD2.9L4 ENGINE AND PUMP SUB-ASSEMBLY (CHINA III)



ART_1001227615

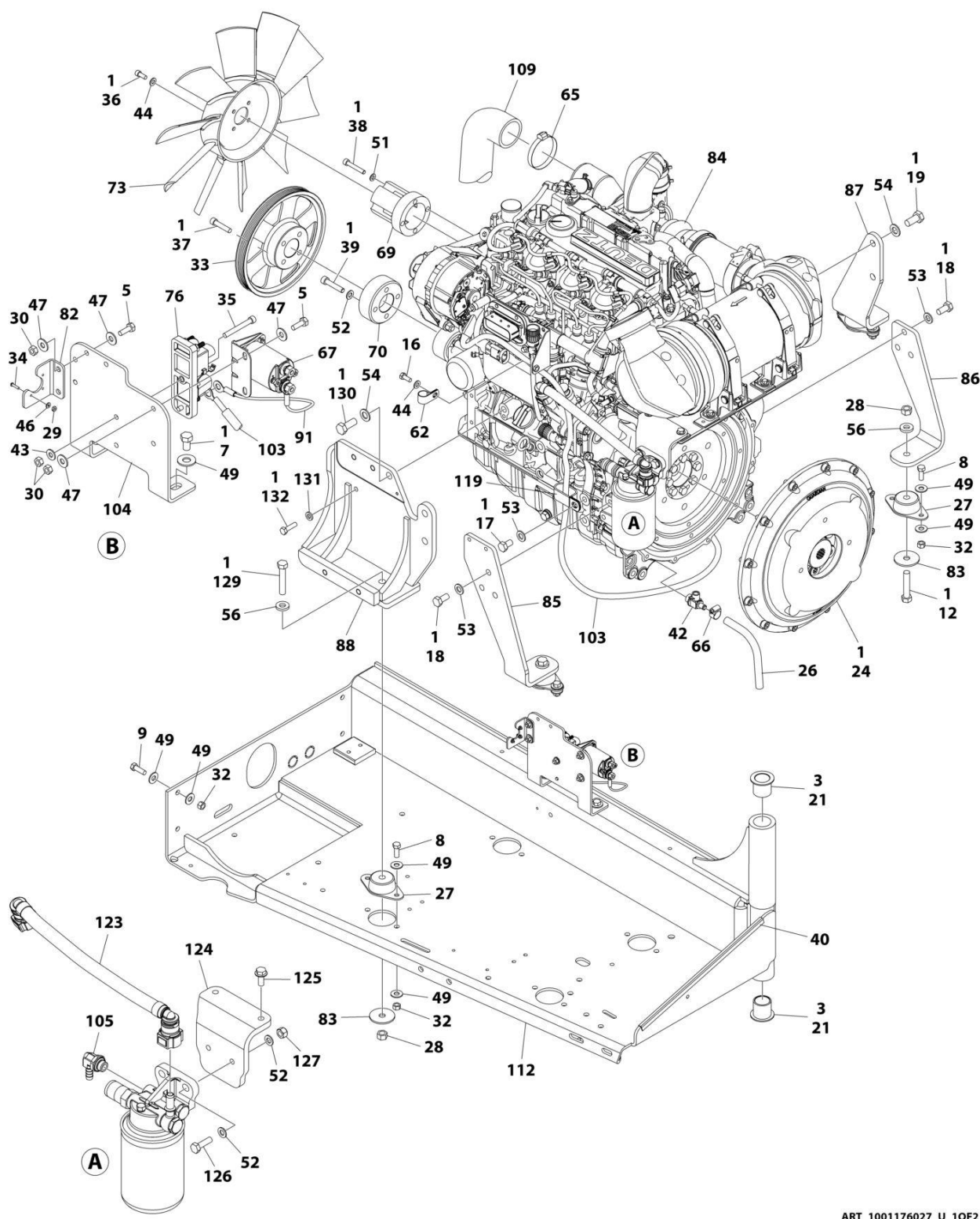
SECTION 3 - ENGINE

FIGURE 3-15. DEUTZ TD2.9L4 ENGINE AND PUMP SUB-ASSEMBLY (CHINA III)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227615	Ref	DEUTZ TD2.9L4 ENGINE AND PUMP SUB-ASSEMBLY	F
1	0100011	AR	Compound, Locking	
2	0641406	1	Bolt 1/4 x 3/4	
3	0641808	1	Bolt 1/2 x 1	
4	0641812	4	Bolt 1/2 x 1-1/2	
5	1060637	1	Lanyard	
7	3311405	1	Nut 1/4	
8	3311801	1	Nut 1/2	
9	3422532	1	Pin, Hitch	
10	3790044	1	O-Ring	
11	3960468	1	Seal	
12	3960469	1	Seal	
13	4751400	2	Washer 1/4	
14	4751800	1	Washer 1/2	
15	4891800	4	Washer 1/2	
16	1001094595	1	Variable Pump Assembly with Fittings (See Separate Breakdown in this Section)	
17	1001225745	1	Hydrostatic Pump Assembly (See Separate Breakdown in this Section)	
18	1001227614	1	Engine Assembly (See Separate Breakdown in this Section)	

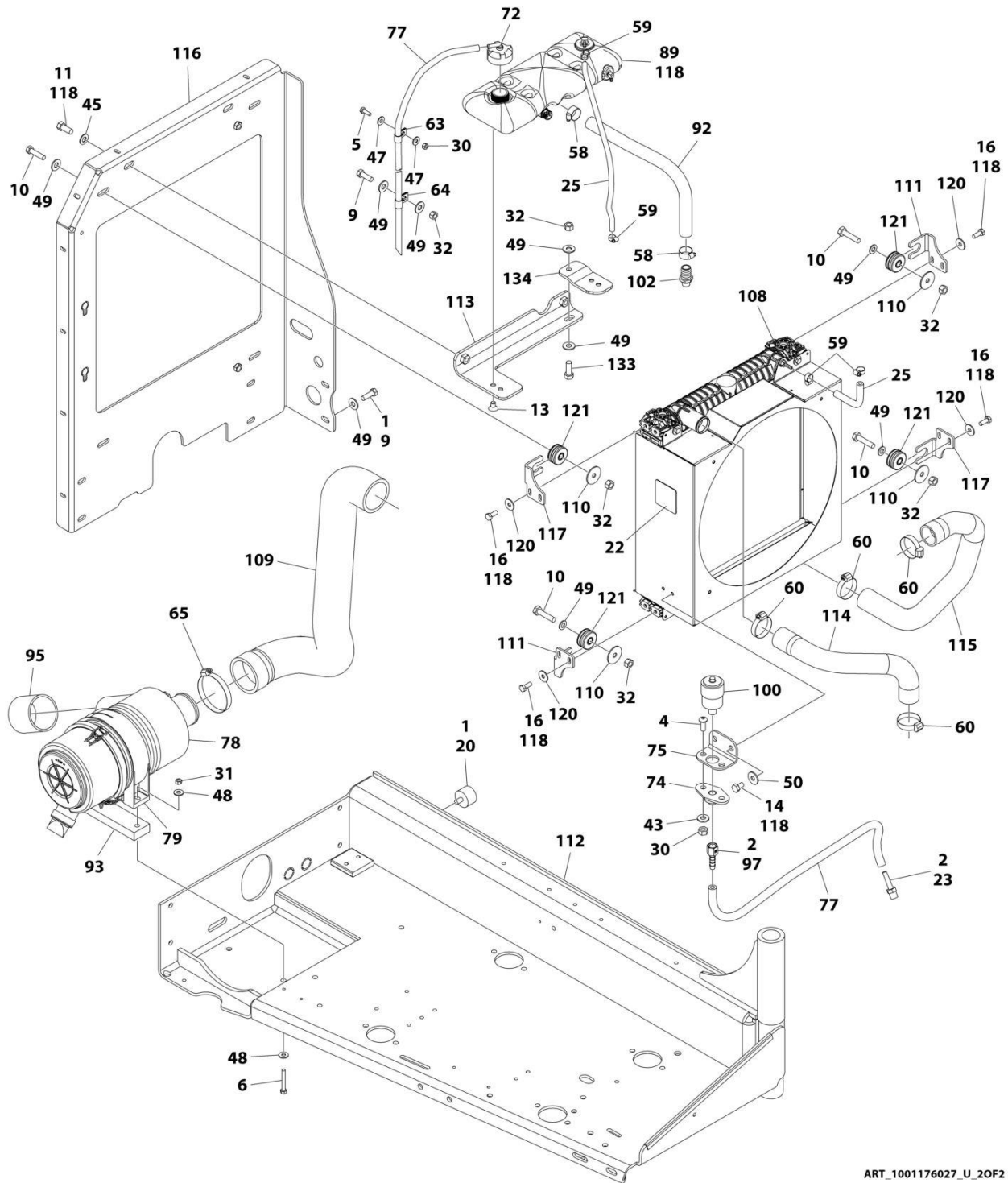
SECTION 3 - ENGINE

FIGURE 3-16. DEUTZ TD2.9L4 ENGINE ASSEMBLY (WITHOUT ARCTIC PACKAGE)



ART_1001176027_U_10F2

SECTION 3 - ENGINE



ART_1001176027_U_20F2

SECTION 3 - ENGINE

FIGURE 3-16. DEUTZ TD2.9L4 ENGINE ASSEMBLY (WITHOUT ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176027	Ref	ENGINE ASSEMBLY WITHOUT ARCTIC PACKAGE	U
1	0100011	AR	Locking, Compound	
2	0100020	AR	Sealant	
3	0100062	2	Compound, Locking	
4	0630407	5	Screw 1/4 x 5/8	
5	0641406	2	Bolt 1/4 x 3/4	
6	0641518	2	Bolt 5/16 x 2-1/4	
7	0641605	8	Bolt 3/8 x 5/8	
8	0641608	6	Bolt 3/8 x 1	
9	0641609	4	Bolt 3/8 x 1-1/8	
10	0641612	2	Bolt 3/8 x 1-1/2	
11	0641708	3	Bolt 7/16 x 1	
12	0681820	2	Bolt 1/2 x 2-1/2	
13	0741605	2	Screw 3/8 x 5/8	
14	0760605	AR	Bolt M6 x 10	
16	0760810	9	Bolt M8 x 20	
17	0761210	1	Bolt M12 x 20	
18	0771212	6	Bolt M12 x 25	
19	0771414	2	Bolt M14 x 30	
20	0940070	1	Bumper	
21	0961986	2	Bushing, Flanged	
22	1703162	1	Decal - Caution Fan Blade	
23	2220315	1	Fitting, Straight Barbed	
24	1001153282	1	Pump Coupling Kit (See Separate Breakdown in this section)	
25	2720015	40 in/1m	Hose	
26	2720340	12 in /30.5cm	Hose	
27	3200401	4	Mount, Motor	
28	3271801	4	Nut 1/2-13	
29	3310401	3	Nut #4	
30	3311405	8	Nut 1/4	
31	3311505	2	Locknut 5/16	
32	3311605	17	Nut 3/8	
33	3580320	1	Pulley	
34	3910408	3	Screw #4 x 1/2	
35	3931432	1	Capscrew 1/4 x 2	
36	3931512	4	Capscrew 5/16 x 3/4	
37	3931628	4	Capscrew 3/8 x 1-3/4	
38	4031914	4	Capscrew M8 x 50	
39	4032014	4	Capscrew M10 x 50	
40	4060805	15 in /38cm	Flex-Trim	
41	4240099	AR	Tie-Strap (Not Shown)	
42	4640751	1	Valve, Oil Drain	
43	4711400	3	Washer 1/4	
44	4711500	5	Washer 5/16	
45	4711700	2	Washer 7/16	
46	4750400	3	Washer #4	
47	4751400	10	Washer 1/4	
48	4751500	4	Washer 5/16	

SECTION 3 - ENGINE

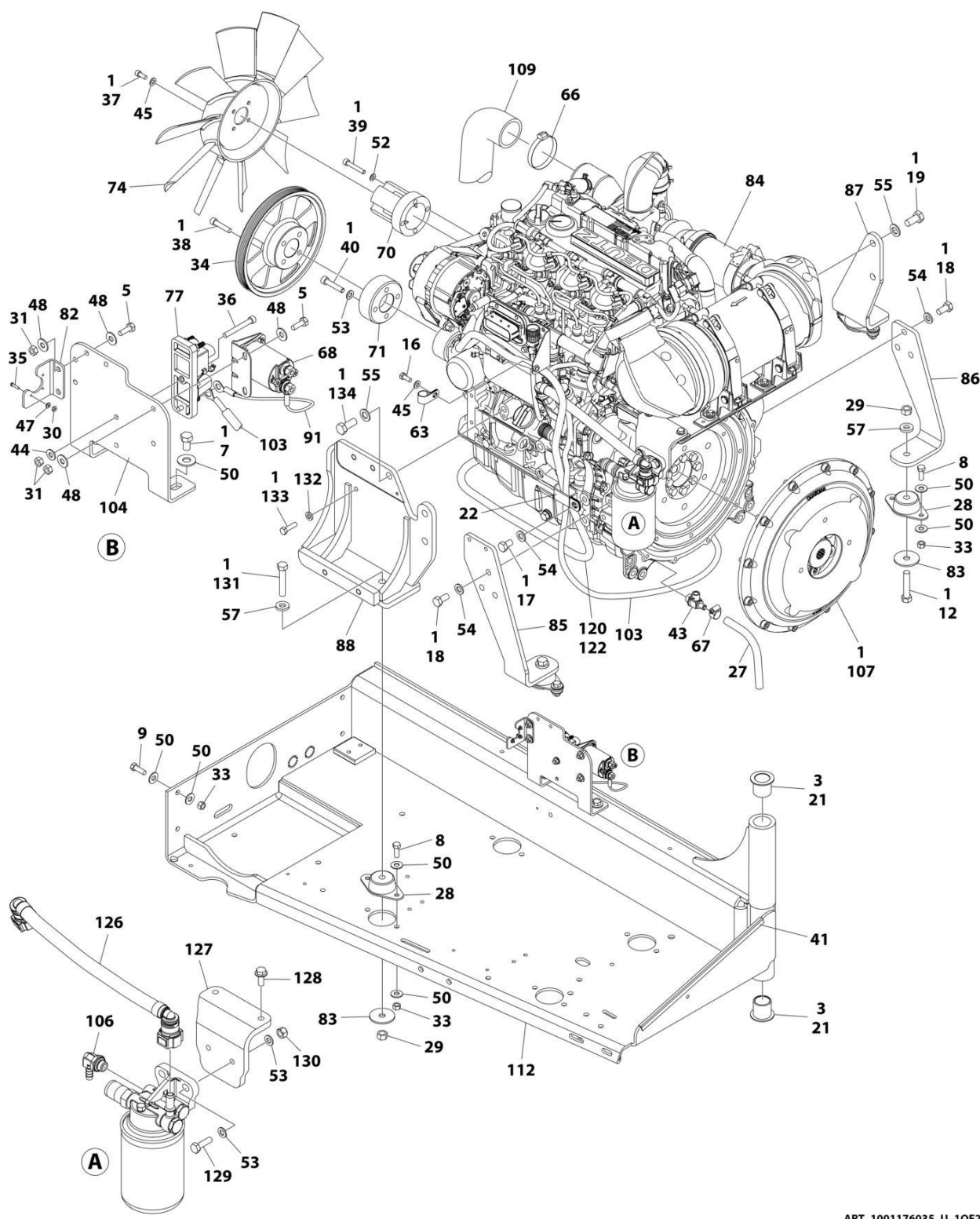
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49	4751600	34	Washer 3/8	
50	4811702	2	Washer M6	
51	4811900	4	Washer M8	
52	4812000	8	Washer M10	
53	4812100	7	Washer M12	
54	4812200	5	Washer M14	
56	4891800	4	Washer 1/2	
58	8405007	2	Clamp	
59	8405009	4	Clamp	
60	8405104	4	Clamp	
62	8406102	1	Clip	
63	8406109	1	Clip	
64	8406110	1	Clip	
65	8410011	2	Clamp	
66	8410013	1	Clamp	
67	1001117308	1	Relay	
69	1001135138	1	Adapter	
70	1001135679	1	Adapter	
72	1001136834	1	Cap, Tank	
73	1001137276	1	Fan	
74	1001138173	1	Support	
75	1001138175	1	Bracket	
76	1001138228	1	Relay, Power Module	
76	70023593	1	Fuse 30Amp (Battery Output)	
76	70023592	1	Fuse 20Amp (Switch Output)	
77	1001138248	62 in/1.6m	Tube	
78	1001138489	1	Air Cleaner Assembly	
78	91403102	1	Element, Filter	
79	1001138557	1	Clamp	
82	1001139240	1	Bracket	
83	1001139409	4	Washer, Special	
84	1001249942	1	Engine, Deutz TD2.9L4 T4F (See Separate Breakdown in this Section)	
85	1001140448	1	Mount, Rear Engine	
86	1001140450	1	Mount, Rear Engine	
87	1001140454	1	Mount, Front Engine	
88	1001202368	1	Mount, Generator/Engine	
89	1001230635	1	Tank	
89	0100020	AR	Sealant, Pipe	
89	1001134488	1	Fitting, 90 NPT/ Barbed	
89	1001138827	1	Sensor, Coolant Level	
89	1001140564	1	Fitting, 90 NPT/ Barbed	
89	1001229542	1	Tank, Surge	
91	1001141304	1	Harness, Glow Plug	
92	1001141370	1	Hose	
93	1001267256	1	Shim	
95	1001141585	1	Hose, Inlet	
97	1001141995	1	Fitting, Straight NPT/Barbed	
100	1001143390	1	Indicator, Service	
101	1001143726	1	Harness, Deutz Engine (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
102	1001143797	1	Fitting, Straight Metric/Barbed	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
103	1001143907	1	Cable, Alternator Power	
104	1001145154	1	Plate, Relay Mounting	
105	1001152489	1	Fitting, 90 Metric/ Barbed	
108	1001167042	1	Radiator	
109	1001266525	1	Hose	
110	1001169138	4	Washer	
111	1001204325	2	Bracket, Radiator	
112	1001190610	1	Tray	
113	1001260413	1	Bracket, Tank	
114	1001177844	1	Hose, Radiator - Upper	
115	1001177845	1	Hose, Radiator - Lower	
116	1001186985	1	Plate, Mounting (Modine Radiator)	
117	1001178223	2	Bracket, Radiator	
118	1001180620	1	Adhesive	
119	1001181899	1	P-Clamp	
120	4811902	8	Washer M8	
121	1001169054	4	Pad, Isolator	
123	1001177359	1	Hose	
124	1001178876	1	Mount, Fuel Filter	
125	5250810	2	Bolt M8 x 20	
126	0761015	2	Bolt M10 x 35	
127	3291005	2	Nut M10	
129	0681822	1	Bolt 1/2 x 2-3/4 Grade 8	
130	0771415	3	Bolt M14 x 35 Grade 10.9	
131	5240800	1	Washer M8	
132	0700814	1	Bolt M8 x 30	
133	0681608	1	Bolt 3/8 x 1 Grade 8	
134	1001260412	1	Bracket	
135	1001162335	1	Bracket, Fuel Pump/Filter Assy (Not Shown - See Separate Breakdown in this Section)	

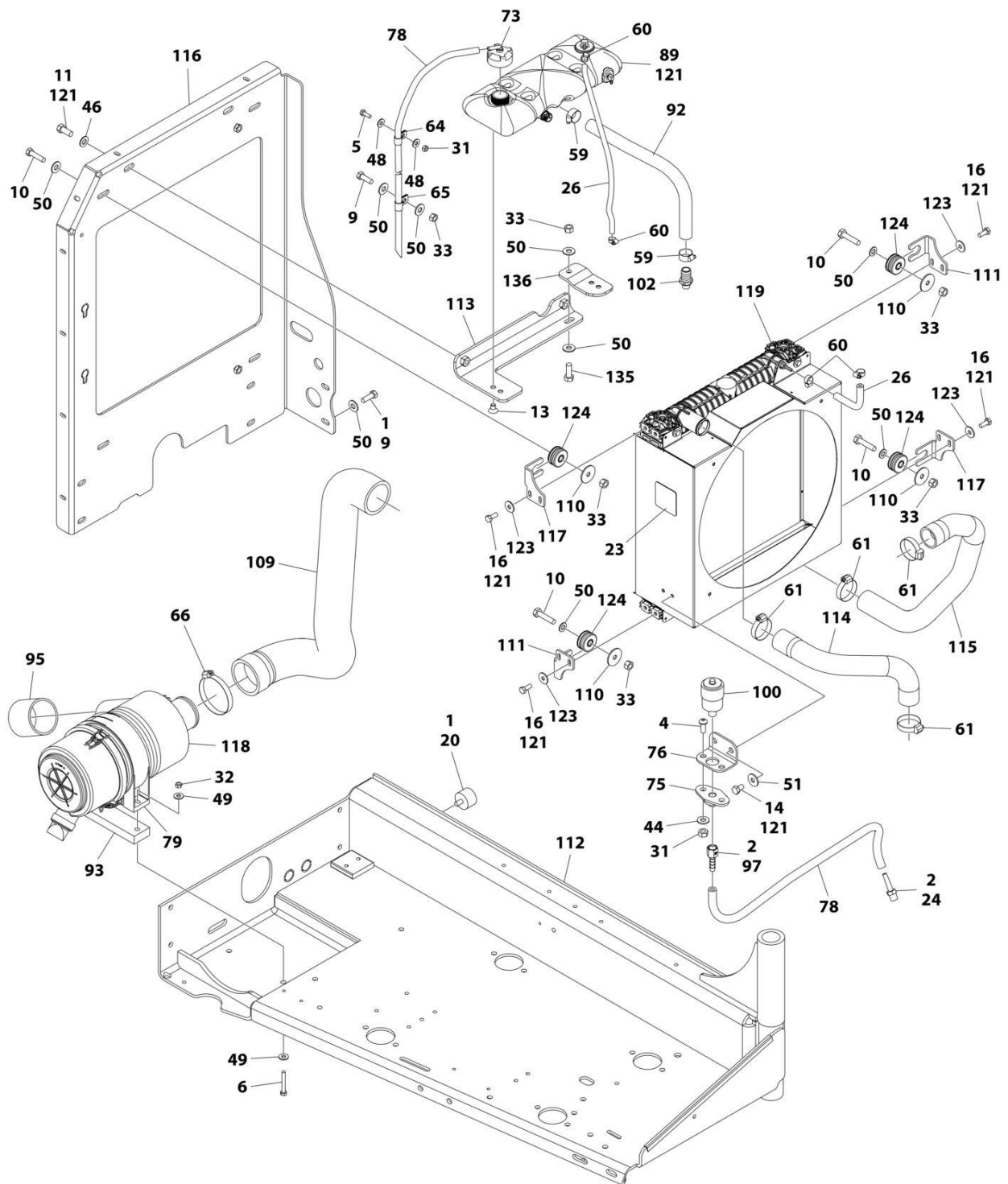
SECTION 3 - ENGINE

FIGURE 3-17. DEUTZ TD2.9L4 ENGINE ASSEMBLY (WITH ARCTIC PACKAGE)



ART_1001176035_U_10F2

SECTION 3 - ENGINE



ART_1001176035_U_20F2

SECTION 3 - ENGINE

FIGURE 3-17. DEUTZ TD2.9L4 ENGINE ASSEMBLY (WITH ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176035	Ref	DEUTZ TD2.9L4 ENGINE ASSEMBLY (WITH ARCTIC PACKAGE)	U
1	0100011	AR	Locking, Compound	
2	0100020	AR	Sealant	
3	0100062	2	Compound, Locking	
4	0630407	5	Screw 1/4 x 5/8	
5	0641406	2	Bolt 1/4 x 3/4	
6	0641518	2	Bolt 5/16 x 2-1/4	
7	0641605	8	Bolt 3/8 x 5/8	
8	0641608	6	Bolt 3/8 x 1	
9	0641609	4	Bolt 3/8 x 1-1/8	
10	0641612	2	Bolt 3/8 x 1-1/2	
11	0641708	3	Bolt 7/16 x 1	
12	0681820	2	Bolt 1/2 x 2-1/2 Grade 8	
13	0741605	2	Screw 3/8 x 5/8	
14	0760605	2	Bolt M6 x 10	
16	0760810	9	Bolt M8 x 20	
17	0761210	1	Bolt M12 x 20	
18	0771212	6	Bolt M12 x 25 Grade 10.9	
19	0771414	2	Bolt M14 x 30 Grade 10.9	
20	0940070	1	Bumper	
21	0961986	2	Bushing, Flanged	
22	1001181899	1	P-Clamp	
23	1703162	1	Decal - Caution Fan Blade	
24	2220315	1	Fitting, Straight Barbed	
26	2720015	40 in/1m	Hose	
27	2720340	12 in /30.5cm	Hose	
28	3200401	4	Mount, Motor	
29	3271801	4	Nut 1/2	
30	3310401	3	Nut #4	
31	3311405	8	Nut 1/4	
32	3311505	2	Nut 5/16	
33	3311605	17	Nut 3/8	
34	3580320	1	Pulley	
35	3910408	3	Screw #4 x 1/2	
36	3931432	1	Capscrew 1/4 x 2	
37	3931512	4	Capscrew 5/16 x 3/4	
38	3931628	4	Capscrew 3/8 x 1-3/4	
39	4031914	4	Capscrew M8 x 50	
40	4032014	4	Capscrew M10 x 50	
41	4060805	15 in /38cm	Flex-Trim	
42	4240099	AR	Tie-Strap (Not Shown)	
43	4640751	1	Valve, Oil Drain	
44	4711400	3	Washer 1/4	
45	4711500	5	Washer 5/16	
46	4711700	2	Washer 7/16	
47	4750400	3	Washer #4	
48	4751400	10	Washer 1/4	
49	4751500	4	Washer 5/16	

SECTION 3 - ENGINE

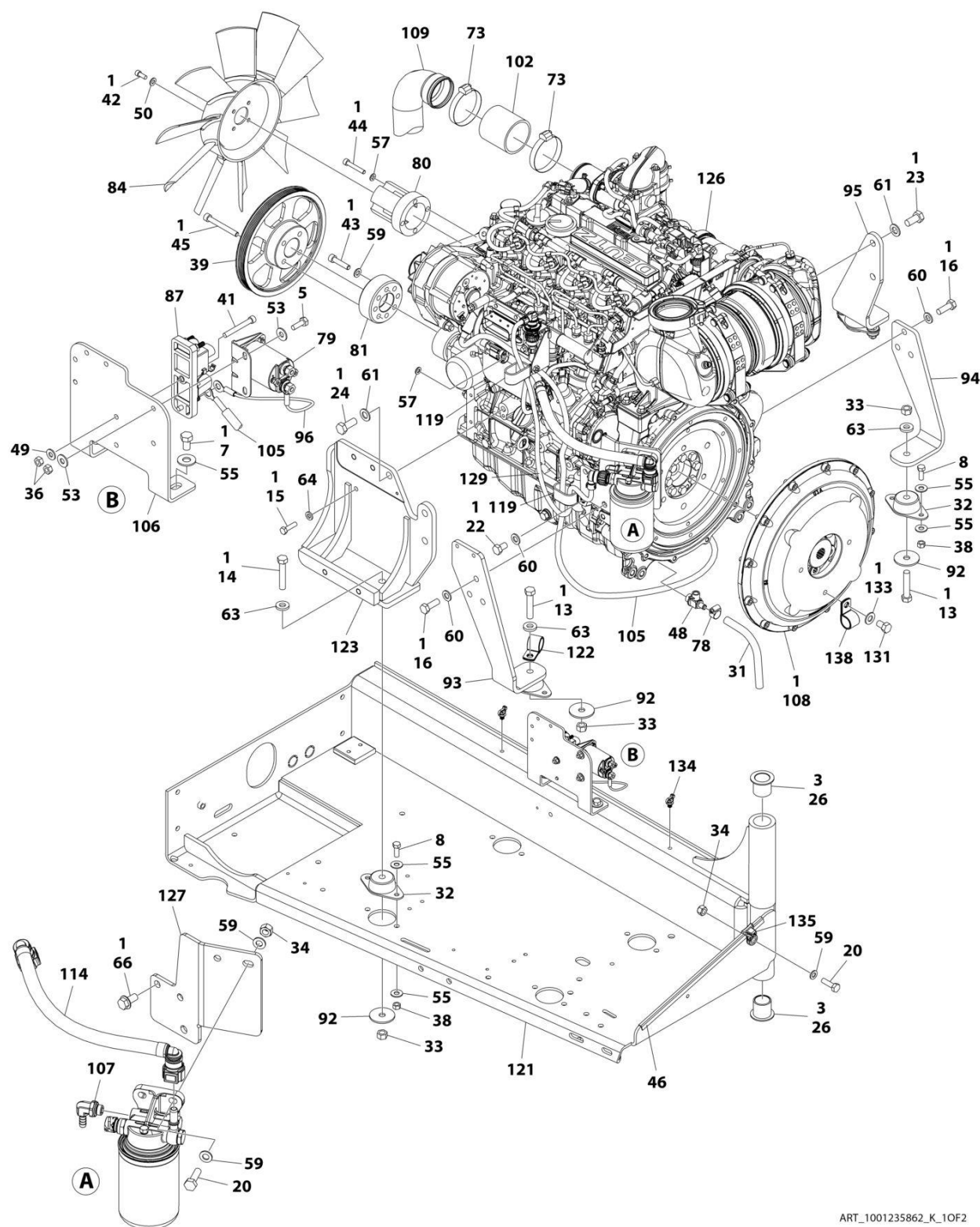
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	4751600	34	Washer 3/8	
51	4811702	2	Washer M6	
52	4811900	4	Washer M8	
53	4812000	8	Washer M10	
54	4812100	7	Washer M12	
55	4812200	5	Washer M14	
57	4891800	4	Washer 1/2	
59	8405007	2	Clamp	
60	8405009	4	Clamp	
61	8405104	4	Clamp	
63	8406102	1	Clip	
64	8406109	1	Clip	
65	8406110	1	Clip	
66	8410011	2	Clamp	
67	8410013	1	Clamp	
68	1001117308	1	Relay	
70	1001135138	1	Adapter	
71	1001135679	1	Adapter	
73	1001136834	1	Cap, Tank	
74	1001137276	1	Fan	
75	1001138173	1	Support	
76	1001138175	1	Bracket	
77	1001138228	1	Relay, Power Module	
77	70023592	1	Fuse 20Amp (Switch Output)	
77	70023593	1	Fuse 30Amp (Battery Output)	
78	1001138248	62 in/1.6m	Tube	
79	1001138557	1	Clamp	
82	1001139240	1	Bracket	
83	1001139409	4	Washer, Special	
84	1001249942	1	Engine, Deutz TD2.9L4 T4F (See Separate Breakdown in this Section)	
85	1001140448	1	Mount, Rear Engine	
86	1001140450	1	Mount, Rear Engine	
87	1001140454	1	Mount, Front Engine	
88	1001202368	1	Mount, Generator/Engine	
89	1001230635	1	Tank	
89	0100020	1	Sealant	
89	1001134488	1	Fitting, 90 NPT/ Barbed	
89	1001138827	1	Sensor, Coolant Level	
89	1001140564	1	Fitting, 90 NPT/ Barbed	
89	1001229542	1	Tank, Surge	
91	1001141304	1	Harness, Glow Plug	
92	1001141370	1	Hose	
93	1001267256	1	Shim	
95	1001141585	1	Hose, Inlet	
97	1001141995	1	Fitting, Straight NPT/Barbed	
100	1001143390	1	Indicator, Service	
101	1001143726	1	Harness, Deutz Engine (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
102	1001143797	1	Fitting, Straight Metric/Barbed	
103	1001143907	1	Cable, Alternator Power	
104	1001145154	1	Plate, Relay Mounting	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
106	1001152489	1	Fitting, 90 Metric/ Barbed	
107	1001153282	1	Pump Coupling Kit (See Separate Breakdown in this Section)	
109	1001266525	1	Pipe	
110	1001169138	4	Washer	
111	1001204325	2	Bracket, Radiator	
112	1001190610	1	Tray	
113	1001260413	1	Bracket, Tank	
114	1001177844	1	Hose, Radiator - Upper	
115	1001177845	1	Hose, Radiator - Lower	
116	1001186985	1	Plate, Mounting	
117	1001178223	2	Bracket, Radiator	
118	1001138489	1	Air Cleaner Assembly	
118	91403102	1	Element, Filter	
119	1001167042	1	Radiator	
120	1001140312	1	Heater, Engine Block	
121	1001180620	1	Adhesive	
122	1001181895	1	Adhesive	
123	4811902	8	Washer M8	
124	1001169054	4	Pad, Isolator	
126	1001177359	1	Hose	
127	1001178876	1	Mount, Fuel Filter	
128	5250810	2	Bolt M8 x 20	
129	0761015	2	Bolt M10 x 35	
130	3291005	2	Nut M10	
131	0681822	1	Bolt 1/2 x 2-3/4 Grade 8	
132	5240800	1	Washer M8	
133	0700814	1	Bolt M8 x 30	
134	0771415	3	Bolt M14 x 35 Grade 10.9	
135	0681608	1	Bolt 3/8 x 1 Grade 8	
136	1001260412	1	Bracket	
137	1001162335	1	Bracket, Fuel Pump/Filter Assy (Not Shown - See Separate Breakdown in this Section)	

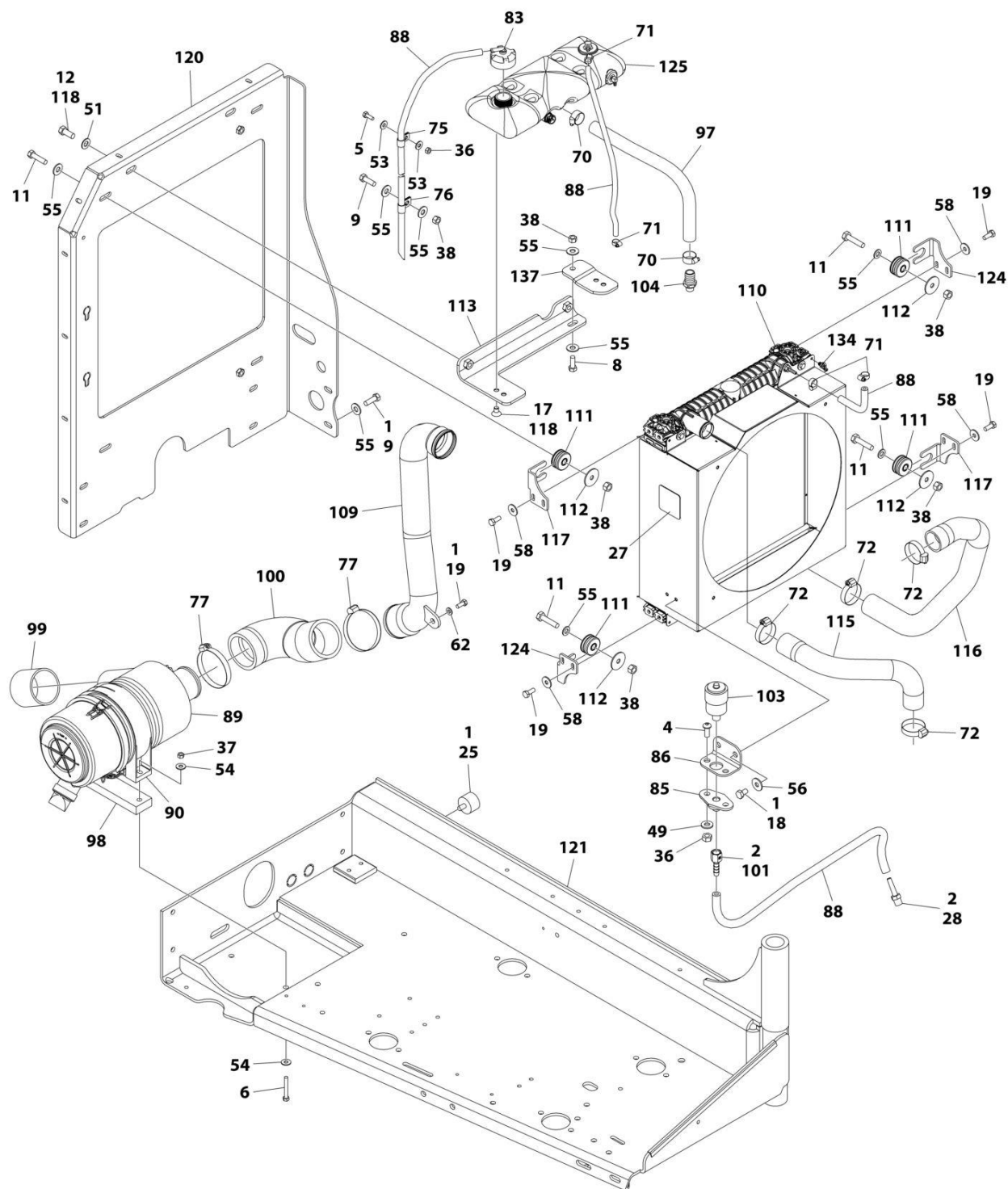
SECTION 3 - ENGINE

FIGURE 3-18. DEUTZ TD2.9L4 ENGINE ASSEMBLY (STAGE V)



ART_1001235862_K_10F2

SECTION 3 - ENGINE



ART_1001235862_K_2OF2

SECTION 3 - ENGINE

FIGURE 3-18. DEUTZ TD2.9L4 ENGINE ASSEMBLY (STAGE V)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235862	Ref	DEUTZ TD2.9L4 ENGINE ASSEMBLY (STAGE V)	K
1	0100011	AR	Locking, Compound	
2	0100020	AR	Sealant	
3	0100062	AR	Compound, Locking	
4	0630407	2	Screw 1/4 x 5/8	
5	0641406	3	Bolt 1/4 x 3/4	
6	0641518	2	Bolt 5/16 x 2-1/4	
7	0641605	2	Bolt 3/8 x 5/8	
8	0641608	9	Bolt 3/8 x 1	
9	0641609	6	Bolt 3/8 x 1-1/8	
11	0641612	4	Bolt 3/8 x 1-1/2	
12	0641708	2	Bolt 7/16 x 1	
13	0681820	3	Bolt 1/2 x 2-1/2 Grade 8	
14	0681822	1	Bolt 1/2 x 2-3/4 Grade 8	
15	0700814	1	Bolt M8 x 30	
16	0711215	6	Bolt M12 x 35	
17	0741605	2	Screw 3/8 x 5/8	
18	0760605	2	Bolt M6 x 10	
19	0760810	9	Bolt M8 x 20	
20	0761015	3	Bolt M10 x 35	
22	0761210	1	Bolt M12 x 20	
23	0771414	2	Bolt M14 x 30 Grade 10.9	
24	0771415	3	Bolt M14 x 35 Grade 10.9	
25	0940070	1	Bumper	
26	0961986	2	Bushing, Flanged	
27	1703162	1	Decal - Caution Fan Blade	
28	2220315	1	Fitting, Straight Barbed	
31	2720340	12 in /30.5cm	Hose	
32	3200401	4	Mount, Motor	
33	3271801	4	Nut 1/2 Grade 8	
34	3291005	3	Nut M10	
36	3311405	6	Nut 1/4	
37	3311505	2	Nut 5/16	
38	3311605	17	Nut 3/8	
39	1001260432	1	Pulley	
41	3931432	1	Capscrew 1/4 x 2	
42	3931512	4	Capscrew 5/16 x 3/4	
43	1001261045	4	Capscrew M10 x 45	
44	4031914	4	Capscrew M8 x 50	
45	1001261085	4	Capscrew M10 x 85	
46	4060805	15 in /38cm	Flex-Trim	
47	4240099	AR	Tie-Strap (Not Shown)	
48	4640751	1	Valve, Oil Drain	
49	4711400	3	Washer 1/4	
50	4711500	4	Washer 5/16	
51	4711700	2	Washer 7/16	
53	4751400	6	Washer 1/4	
54	4751500	4	Washer 5/16	

SECTION 3 - ENGINE

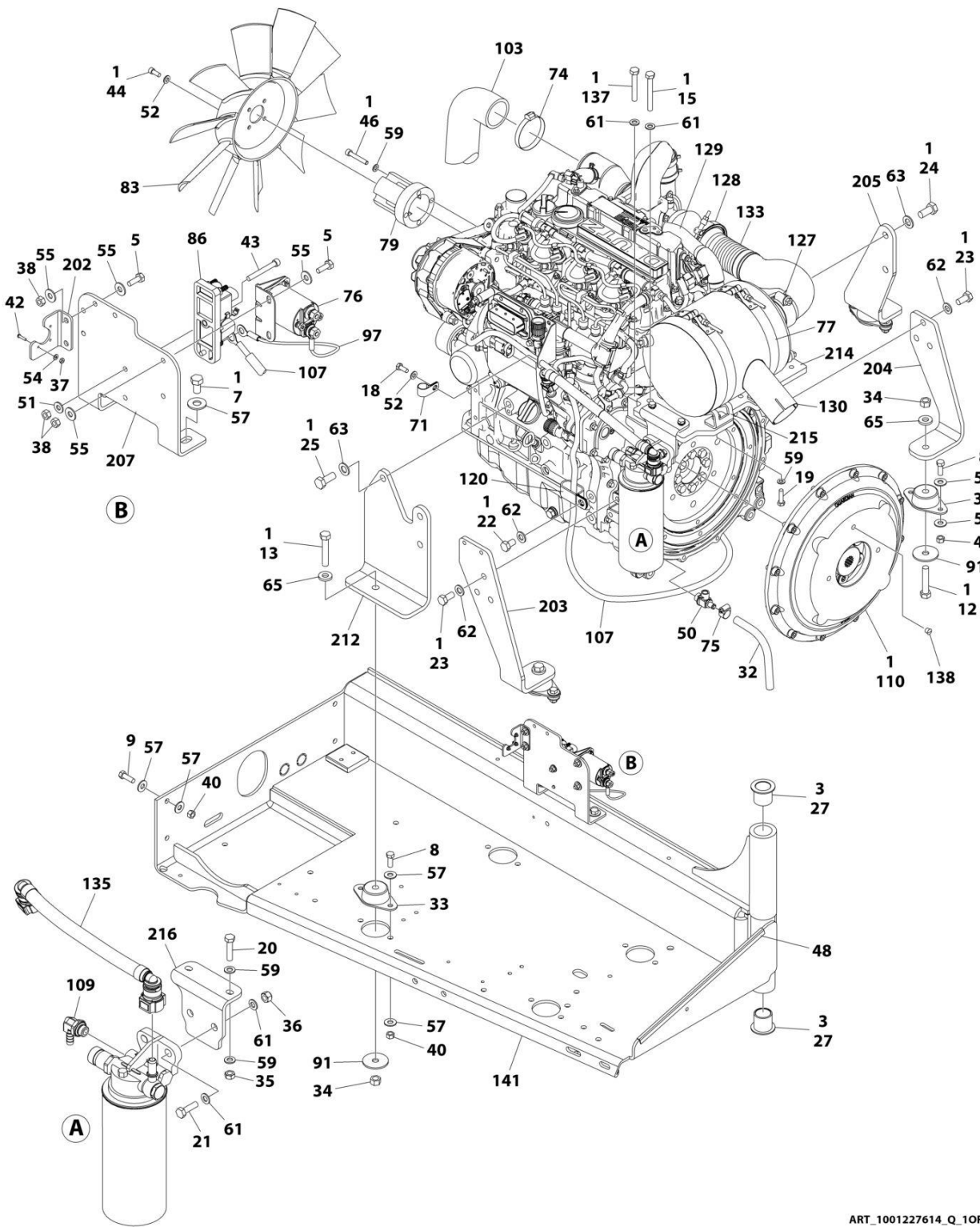
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
55	4751600	34	Washer 3/8	
56	4811702	2	Washer M6	
57	4811900	5	Washer M8	
58	4811902	8	Washer M8	
59	4812000	10	Washer M10	
60	4812100	7	Washer M12	
61	4812200	5	Washer M14	
62	4891500	1	Washer 5/16	
63	4891800	4	Washer 1/2	
64	5240800	1	Washer M8	
66	5251010	2	Bolt M10 x 20	
70	8405007	2	Clamp	
71	8405009	4	Clamp	
72	8405104	4	Clamp	
73	8405204	2	Clamp	
75	8406109	1	Clip	
76	8406110	1	Clip	
77	8410011	2	Clamp	
78	8410013	1	Clamp	
79	1001117308	1	Relay	
80	1001135138	1	Adapter	
81	1001258800	1	Adapter	
83	1001136834	1	Cap, Tank	
84	1001137276	1	Fan	
85	1001138173	1	Support	
86	1001138175	1	Bracket	
87	1001138228	1	Relay, Power Module	
87	70023593	1	Fuse 30Amp (Battery Output)	
87	70023592	1	Fuse 20Amp (Switch Output)	
88	1001138248	90 in/2.3m	Tube	
89	1001138489	1	Air Cleaner Assembly	
89	91403102	1	Element, Filter	
90	1001138557	1	Clamp	
92	1001139409	4	Washer, Special	
93	1001140448	1	Mount, Rear Engine	
94	1001140450	1	Mount, Rear Engine	
95	1001140454	1	Mount, Front Engine	
96	1001141304	1	Harness, Glow Plug	
97	1001141370	1	Hose	
98	1001141419	1	Shim	
99	1001141585	1	Hose, Inlet	
100	1001141586	1	Pipe, Intake	
101	1001141995	1	Fitting, Straight NPT/Barbed	
102	1001142623	1	Hose, Inlet	
103	1001143390	1	Indicator, Service	
104	1001143797	1	Fitting, Straight Metric/Barbed	
105	1001143907	1	Cable, Alternator Power	
106	1001145154	1	Plate, Relay Mounting	
107	1001152489	1	Fitting, 90 Metric/ Barbed	
109	1001165842	1	Pipe	
110	1001167042	1	Radiator (Modine Radiator)	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
111	1001169054	4	Pad, Isolator	
112	1001169138	4	Washer	
113	1001260413	1	Bracket, Tank	
114	1001177359	1	Hose	
115	1001177844	1	Hose, Radiator - Upper	
116	1001177845	1	Hose, Radiator - Lower	
117	1001178223	2	Bracket, Radiator	
118	1001180620	AR	Adhesive	
119	1001181899	2	P-Clamp	
120	1001186985	1	Plate, Mounting	
121	1001190610	1	Tray	
122	1001191620	1	Clamp	
123	1001202368	1	Mount, Generator/Engine	
124	1001204325	2	Bracket, Radiator	
125	1001230635	1	Tank	
125	0100020	1	Sealant, Pipe	
125	1001134488	1	Fitting, 90 NPT/ Barbed	
125	1001138827	1	Sensor, Coolant Level	
125	1001140564	1	Fitting, 90 NPT/ Barbed	
125	1001229542	1	Tank, Surge	
126	1001232844	1	Engine, Deutz TD2.9L4 (Stage V) (See Separate Breakdown in this Section)	
127	1001238268	1	Mount, Fuel Filter	
128	1001238878	1	Harness, Deutz TD2.9L4 (Stage V) Engine (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
129	1001245913	1	Harness, Deutz TD2.9L4 (Stage V) Engine Fuel Filter (See Separate Breakdown in ELECTRICAL Section)	
131	0641806	1	Bolt 1/2 x 3/4	
133	4711800	1	Washer 1/2	
134	1001146588	3	Strap	
135	1001156107	1	Holder, Cable	
136	1001235949	1	Bracket, Fuel Pump/Filter Assy (Not Shown - See Separate Breakdown in this Section)	
137	1001260412	1	Bracket, Surge Tank	
138	85031405	1	Clamp	

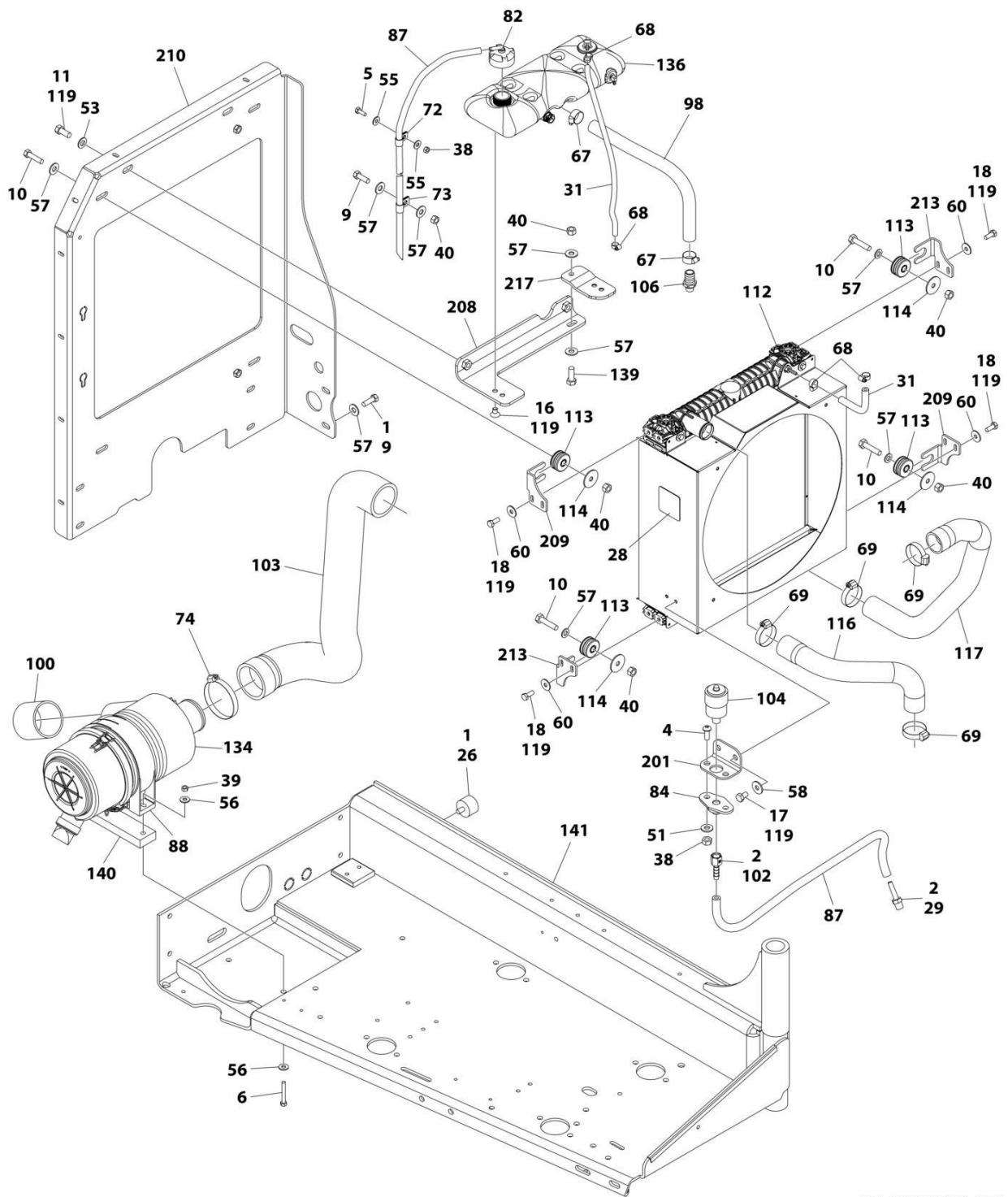
SECTION 3 - ENGINE

FIGURE 3-19. DEUTZ TD2.9L4 ENGINE ASSEMBLY (CHINA III)



ART_1001227614_Q_10F2

SECTION 3 - ENGINE



ART_1001227614_Q_20F2

SECTION 3 - ENGINE

FIGURE 3-19. DEUTZ TD2.9L4 ENGINE ASSEMBLY (CHINA III)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227614	Ref	DEUTZ TD2.9L4 ENGINE ASSEMBLY	Q
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant	
3	0100062	AR	Compound, Locking	
4	0630407	2	Screw 1/4 x 5/8	
5	0641406	5	Bolt 1/4 x 3/4	
6	0641518	2	Bolt 5/16 x 2-1/4	
7	0641605	2	Bolt 3/8 x 5/8	
8	0641608	8	Bolt 3/8 x 1	
9	0641609	6	Bolt 3/8 x 1-1/8	
10	0641612	4	Bolt 3/8 x 1-1/2	
11	0641708	2	Bolt 7/16 x 1	
12	0681820	3	Bolt 1/2 x 2-1/2 Grade 8	
13	0681822	1	Bolt 1/2 x 2-3/4 Grade 8	
15	0701025	2	Bolt M10 x 85	
16	0741605	2	Screw 3/8 x 5/8	
17	0760605	2	Bolt M6 x 10	
18	0760810	10	Bolt M8 x 20	
19	0760814	4	Bolt M8 x 30	
20	0760815	2	Bolt M8 x 35	
21	0761015	2	Bolt M10 x 35	
22	0761210	1	Bolt M12 x 20	
23	0771212	6	Bolt M12 x 25 Grade 10.9	
24	0771414	2	Bolt M14 x 30 Grade 10.9	
25	0771415	3	Bolt M14 x 35	
26	0940070	1	Bumper	
27	0961986	2	Bushing, Flanged	
28	1703162	1	Decal - Caution Fan Blade	
29	2220315	1	Fitting, Straight Barbed	
31	2720015	2.32 ft /0.71m	Hose	
32	2720340	1 ft /0.31m	Hose	
33	3200401	4	Mount, Motor	
34	3271801	4	Nut 1/2	
35	3290801	2	Nut M8	
36	3291005	2	Nut M10	
37	3310401	3	Nut #4	
38	3311405	8	Nut 1/4	
39	3311505	2	Locknut 5/16	
40	3311605	17	Nut 3/8	
42	3910408	3	Screw #4 x 1/2	
43	3931432	1	Capscrew 1/4 x 2	
44	3931512	4	Capscrew 5/16 x 3/4	
46	4031914	4	Capscrew M8 x 50	
48	4060805	1.2 m /0.39m	Flex-Trim	
49	4240099	AR	Tie-Strap (Not Shown)	
50	4640751	1	Valve, Oil Drain	
51	4711400	3	Washer 1/4	

SECTION 3 - ENGINE

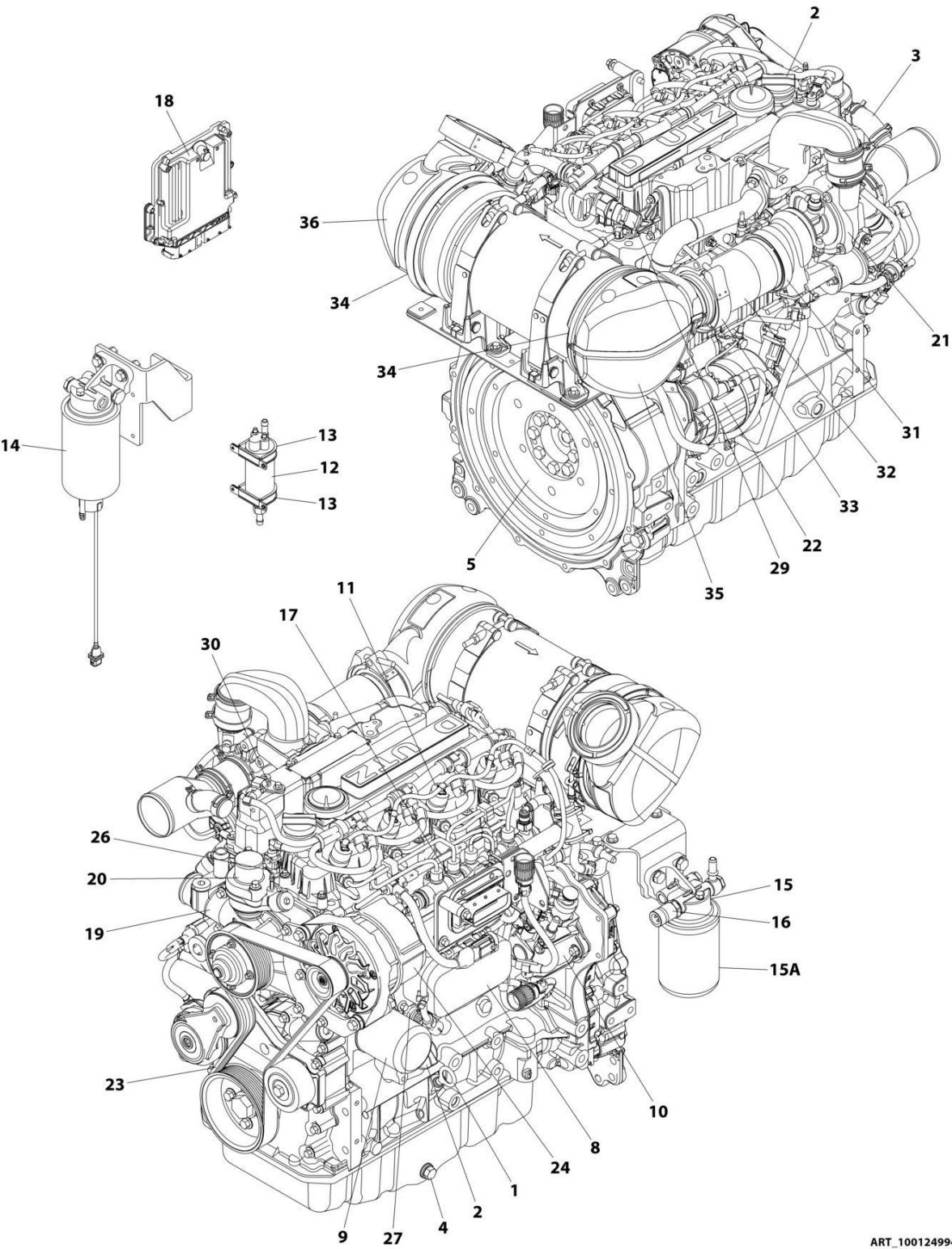
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
52	4711500	5	Washer 5/16	
53	4711700	2	Washer 7/16	
54	4750400	3	Washer #4	
55	4751400	10	Washer 1/4	
56	4751500	4	Washer 5/16	
57	4751600	34	Washer 3/8	
58	4811702	2	Washer M6	
59	4811900	12	Washer M8	
60	4811902	8	Washer M8	
61	4812000	8	Washer M10	
62	4812100	7	Washer M12	
63	4812200	5	Washer M14	
65	4891800	4	Washer 1/2	
67	8405007	2	Clamp	
68	8405009	4	Clamp	
69	8405104	4	Clamp	
71	8406102	1	Clip	
72	8406109	1	Clip	
73	8406110	1	Clip	
74	8410011	2	Clamp	
75	8410013	1	Clamp	
76	1001117308	1	Relay	
77	1001233089	2	Strap	
79	1001135138	1	Adapter	
82	1001136834	1	Cap, Tank	
83	1001137276	1	Fan	
84	1001138173	1	Support	
86	1001138228	1	Relay, Power Module	
87	1001138248	62 in/1.6m	Tube	
88	1001138557	1	Clamp	
91	1001139409	4	Washer, Special	
97	1001141304	1	Harness, Glow Plug	
98	1001141370	1	Hose	
100	1001141585	1	Hose, Inlet	
102	1001141995	1	Fitting, Straight NPT/Barbed	
103	1001266525	1	Hose, Inlet	
104	1001143390	1	Indicator, Service	
105	1001143726	1	Harness, Deutz Engine (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
106	1001143797	1	Fitting, Straight Metric/Barbed	
107	1001143907	1	Cable, Alternator Power	
109	1001152489	1	Fitting, 90 Metric/ Barbed	
110	1001153282	1	Pump Coupling Kit (See Separate Breakdown in this Section)	
112	1001167042	1	Radiator	
113	1001169054	4	Isolator	
114	1001169138	4	Washer	
116	1001177844	1	Hose, Radiator - Upper	
117	1001177845	1	Hose, Radiator - Lower	
119	1001180620	AR	Adhesive	
120	1001181899	1	P-Clamp	
127	1001221212	1	Clamp	
128	1001221219	1	Clamp	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
129	1001223591	1	Engine, Deutz TD2.9L4 Components (See Separate Breakdown in this Section)	E
130	1001257278	1	Muffler	
133	1001224940	1	Pipe, Exhaust	
134	1001138489	1	Air Cleaner Assembly	
134	91403102	1	Element, Filter	
135	1001177359	1	Hose	
136	1001230635	1	Tank	
137	0701022	2	Bolt M10 x 70	
138	3520054	1	Plug	
139	0681608	1	Bolt 3/8 x 1 Grade 8	
140	1001267256	1	Shim, Air Cleaner	
141	1001190610	1	Support, Engine Try	
200	1001257412	1	Bracket Engine Kit (Includes Items 201-217)	
201	1001138175	1	Bracket	
202	1001139240	1	Bracket	
203	1001140448	1	Mount, Rear Engine	
204	1001140450	1	Mount, Rear Engine	
205	1001140454	1	Mount, Front Engine	
207	1001145154	1	Plate, Relay Mounting	
208	1001260413	1	Bracket, Tank	
209	1001178223	2	Bracket, Radiator	
210	1001186985	1	Plate, Mounting	
212	1001266499	1	Mount, Generator/Engine	
213	1001204325	2	Bracket, Radiator	
214	1001221203	1	Bracket	
215	1001224936	1	Mount, Doc Weldment	
216	1001224937	2	Mount, Fuel Filter	
217	1001260412	1	Bracket	

SECTION 3 - ENGINE

FIGURE 3-20. DEUTZ TD2.9L4 ENGINE COMPONENTS



ART_1001249942

SECTION 3 - ENGINE

FIGURE 3-20. DEUTZ TD2.9L4 ENGINE COMPONENTS

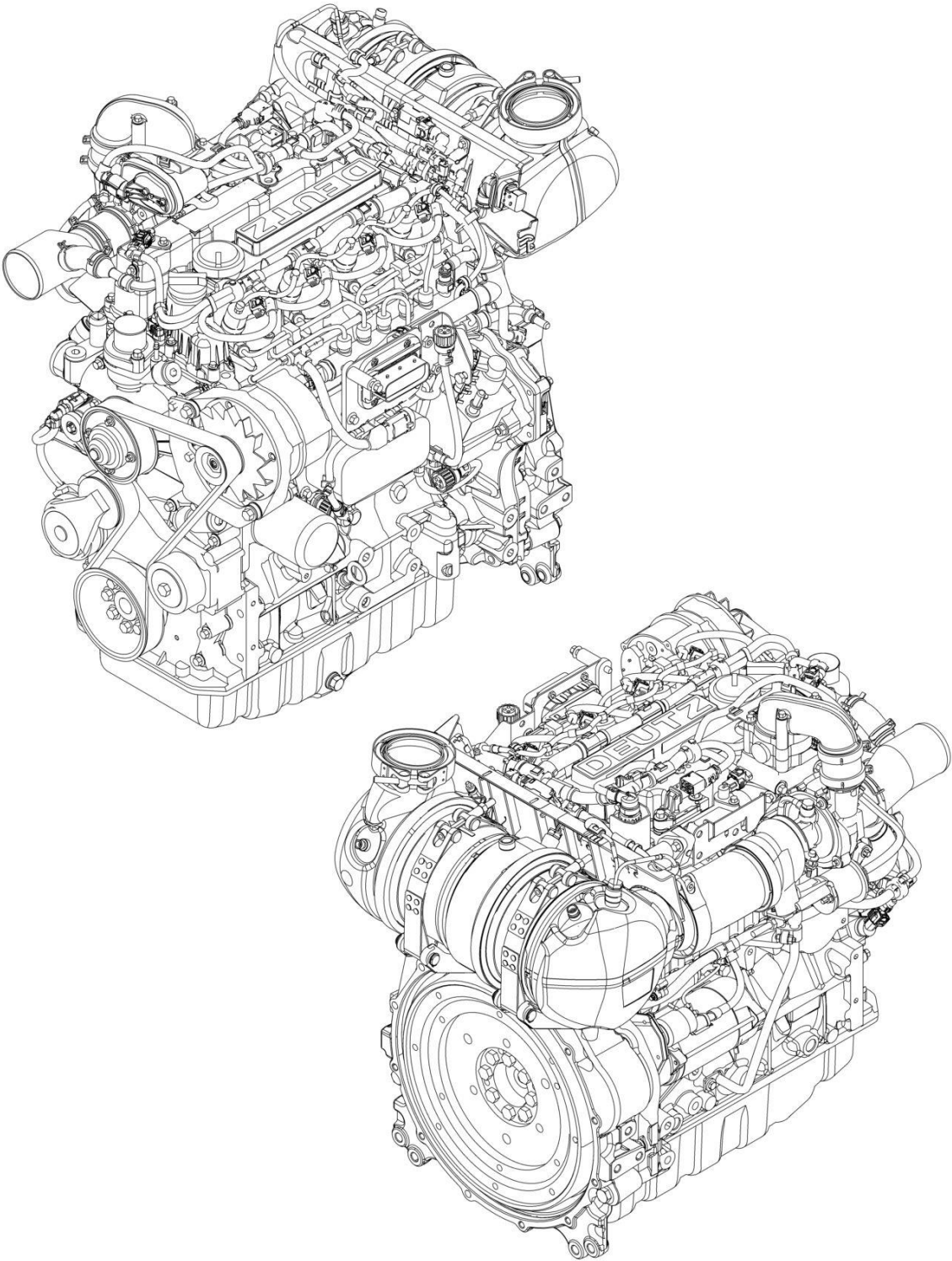
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001249942	Ref	ENGINE COMPONENTS - DEUTZ TD2.9L4	A
1	70024904	1	Dipstick	
1	70024905	1	Seal	
2	7020465	2	Cap, Oil Fill	
3	70025111	2	Clamp	
3	70005920	1	Hose, Breather	
4	70005941	2	Plug	
4	70005942	2	Seal	
5	70001870	1	Flywheel with Ring Gear	
5	7024579	1	Gear, Ring	
6		Ref	Gasket and Seal Options (Not Shown)	
6	70004279	1	Gasket Kit	
6	70024906	1	Gasket, Head	
6	70025205	1	Gasket, Small Valve Cover	
6	70005171	1	Gasket, Large Valve Cover	
6	70005176	1	O-Seal, Valve Cover to Air Charge Elbow	
6	70005177	1	Gasket, Air Charge Pipe to Head	
6	70029557	2	Gasket, Air Charge Pipe	
6	70025164	1	Gasket, Exhaust Manifold to Head	
6	70025179	1	Gasket, Exhaust Manifold to EGR Pipe	
6	70007354	1	Gasket, EGR Pipe to EGR Valve	
6	70007326	1	Gasket, EGR Valve to Housing	
7	70005172	1	Pump, Oil Lube (Not Shown - Located Front Left Side)	
7	70025135	1	O-Ring	
7	70005173	1	Gasket	
8	70024494	1	Cooler, Oil	
8	70024925	1	Gasket	
9	7016331	1	Filter, Oil	
10	70024924	1	Pump, High Pressure (Not Shown - Located Front Left Side)	
10	70025152	1	O-Ring (Between Pump and Spacer)	
10	70024517	1	O-Ring (Between Spacer and Engine Block)	
10	70004505	1	Valve, Overflow	
10	70004506	1	O-Ring	
10	70004507	1	O-Ring	
10	70004508	1	Valve, Volume Control	
10	70004509	1	O-Ring	
10	70004510	1	O-Ring	
11	70025181	4	Injector Fuel	
11	70025140	4	Washer, Sealing	
11	70025146	4	Clamp (Top of Injector)	
11	70025145	4	O-Seal	
11	70025154	4	Shoe, Clamping	
11	70000345	4	Plug, Glow	
11	70025231	1	Harness, Glow Plug (Not Shown)	
12	70006144	1	Pump, Fuel	
13	70025144	2	Clamp	
14	70024961	1	Filter, Fuel	
14	70025153	1	Element, Filter	
14	70024513	1	Cable, Sensor	
14	70025239	1	Seal	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
15	70029451	1	Filter With Head	
15A	70025161	1	Filter, Fuel	
16	70028538	1	Sensor, Pressure	
16	70024920	1	Seal	
17	70025151	1	Rail, Fuel	
17	70025235	1	Repair Kit	
17	70025182	1	Line, Fuel (Cylinders 1 & 2)	
17	70025183	1	Line, Fuel (Cylinders 3 & 4)	
17	70025184	1	Line, Fuel (To Rail)	
18	70025210	1	ECU (Engine Control Unit)	
19	70029797	1	Pump, Water	
19	70025200	1	Seal	
19	70007325	1	Gasket	
20	70005929	1	Thermostat	
20	70005184	1	O-Seal	
20	70025142	1	Cover, Thermostat	
20	70005931	1	Gasket	
21	70004276	1	Turbocharger	
21	70024912	1	Gasket, Square	
21	70024509	1	Gasket, Return Line	
21	70006294	1	O-Seal	
22	70024915	1	Starter	
22	70005648	1	Relay	
22	70005647	1	Solenoid	
23	70004277	1	Belt Drive	
24	70006652	1	Alternator	
24	70006653	1	Regulator, Voltage	
25	70007489	1	Harness, Engine (Not Shown)	
26	70028540	1	Sender, Temperature	
27	70028538	1	Sensor, Pressure	
27	70024920	1	Seal	
28	70026210	2	Sensor, Speed (Not Shown -Located Left Side Front and Flywheel Housing)	
28	70024917	1	Seal (Cam Shaft Speed Sensor)	
28	70005191	1	Seal (Flywheel Shaft Speed Sensor)	
29	70024507	1	Sensor, Pressure	
29	70025120	1	Seal	
30	70024922	1	Sender, Temperature	
30	70025212	1	O-Seal	
31	70005527	1	Clamp	
31	70025788	1	Nut	
32	70004504	1	Compensator	
33	70025242	1	Gasket	
33	70029433	1	Clamp	
34	70029517	2	Clamp	
34	70029520	2	Gasket	
35	70007355	1	Inlet	
35	70007331	1	Outlet	

SECTION 3 - ENGINE

FIGURE 3-21. DEUTZ TD2.9L4 ENGINE COMPONENTS (STAGE V)



ART_1001232844

SECTION 3 - ENGINE

FIGURE 3-21. DEUTZ TD2.9L4 ENGINE COMPONENTS (STAGE V)

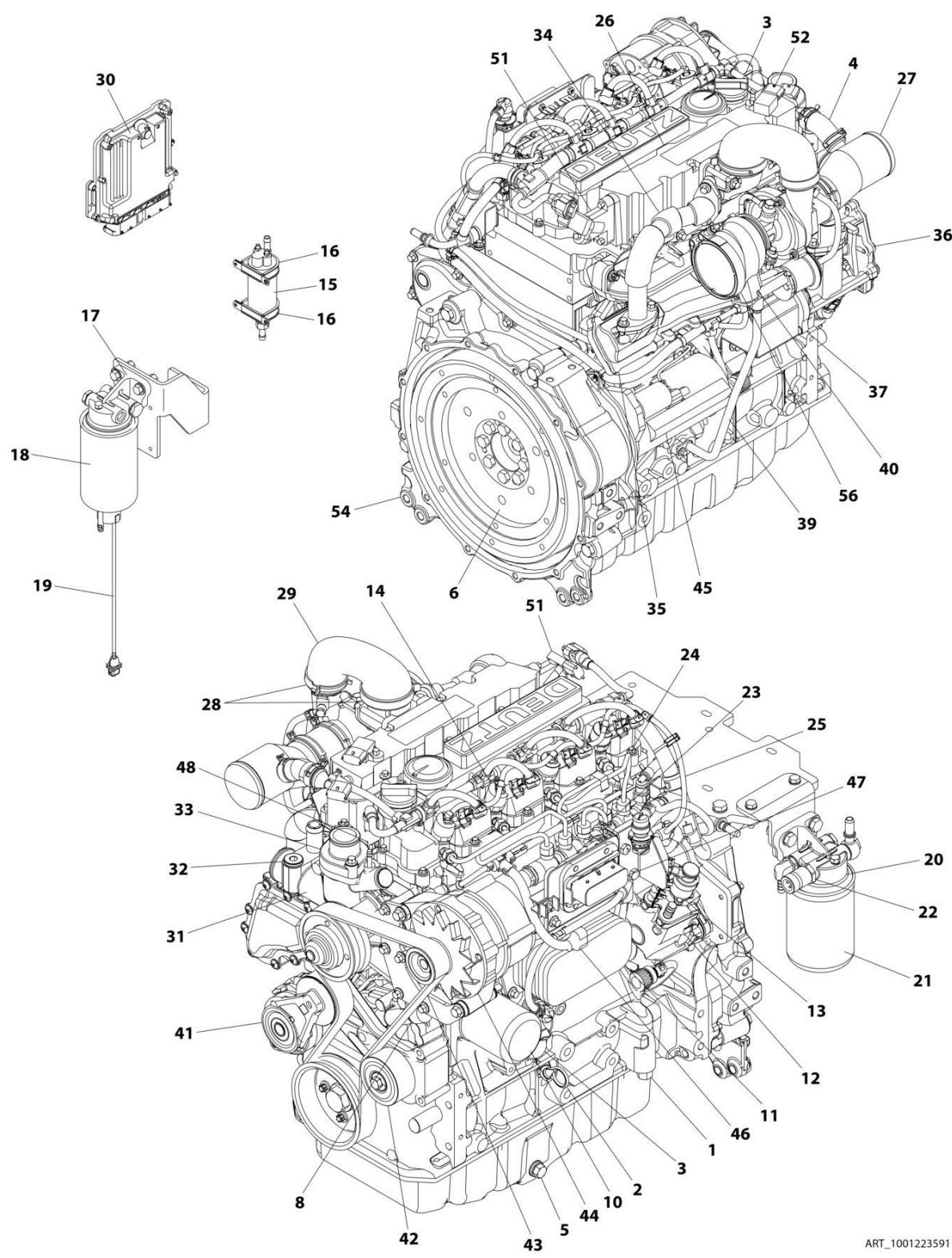
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232844	Ref	DEUTZ ENGINE COMPONENTS	F
		Ref	Note: For complete list of parts, contact JLG Parts Department	
		Ref	Air Intake System Components	
	70004276	1	Turbocharger	
		Ref	Cooling System Components	
	70029797	1	Pump, Coolant (Includes Gasket & Seals)	
	70007603	1	Thermostat	
	70005184	1	O-Ring	
	70005931	1	Gasket	
	70025142	1	Cover	
		Ref	Electrical System Components	
	70029512	1	Module, ECU/ECM	
		Ref	Generator (Includes Controller, Fan & Hardware)	
		Ref	Starter (Includes Solenoid & Relay)	
		Ref	Sender, Tacho-Generator (Speed) (On Rear of Block) (Includes Seal)	
	70024916	1	Sender, Tacho-Generator (Speed) (On Cover) (Includes Seal)	
	70024922	1	Sender, Temperature (Includes Seal) (On Air Intake Manifold)	
	70024507	1	Sensor, Pressure (Includes Seal) (On Air Intake Manifold)	
	70024504	1	Sensor, Pressure (Includes Seal) (On Fuel Filter & Side of Block)	
		Ref	Sensor, Pressure (Includes Seal) (On Exhaust Manifold)	
		Ref	Sensor, Temperature (Includes Seal) (On Exhaust Manifold)	
	70000345	4	Plug, Glow	
		Ref	Exhaust System Components	
		Ref	Valve, EGR	
	70025130	8	Bolt, Exhaust Manifold	
	70025164	1	Gasket, Exhaust Manifold	
		Ref	Outlet, Muffler	
		Ref	Muffler	
		Ref	Bracket, Muffler Mounting	
	70004504	1	Compensator, Exhaust	
		Ref	Fuel System Components	
		Ref	Pump, High Pressure	
	70025181	4	Injector (Includes Sealing washer, Clamp & O-Ring)	
	70006144	1	Pump, Fuel Supply (Includes Clamps)	
	70024961	1	Filter, Fuel (Pre-Filter Assembly) (Includes Head, Spin on filter, Sensor Cable & Seal)	
	70025153	1	Filter, Fuel Spin On	
	70024513	1	Sensor Cable (Includes Seal)	
	70025160	1	Filter, Fuel (Assembly) (Includes Head & Spin on Filter)	
	70025161	1	Filter, Fuel Spin On	
	70004508	1	Vol. Control Valve (Includes O-Ring & Gasket)	
		Ref	Lubricating System Components	
	7020465	2	Cap, Oil Fill	
	70005941	2	Plug, Oil Drain	
	70005942	2	Seal, Oil Drain Plug	
	70005172	1	Pump, Oil (Includes Seal & Gasket)	
	7016331	1	Filter, Oil	
	70024494	1	Cooler, Oil	
	70024925	1	Gasket, Oil Cooler	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70024904	1	Dipstick (Includes Seal)	
		Ref	Mechanical Components	
	70001870	1	Flywheel (includes Gear)	
	70004277	1	V-Belt	
	70030359	1	Belt Tensioner	
	70005938	1	Gasket Set - Complete	

SECTION 3 - ENGINE

FIGURE 3-22. DEUTZ TD2.9L4 ENGINE COMPONENTS (CHINA III)



ART_1001223591

SECTION 3 - ENGINE

FIGURE 3-22. DEUTZ TD2.9L4 ENGINE COMPONENTS (CHINA III)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223591	Ref	DEUTZ TD2.9L4 ENGINE COMPONENTS	C
1	70025660	1	Plug	
1	70006264	1	Valve, Plunger	
1	70006265	1	Spring	
1	70006266	1	Seal	
2	70024904	1	Dipstick	
2	70024905	2	Seal	
3	7020465	2	Cap, Fill	
4	70005920	1	Line, Breather	
4	70025111	2	Clamp	
5	70006941	2	Plug	
5	70005942	2	Seal	
6	70001870	1	Flywheel	
6	7024579	1	Ring Gear	
6	70025139	8	Bolt	
7		Ref	Gasket & Seal Options (Not Shown):	
7	70005938	1	Gasket Kit	
7	70024906	1	Gasket, Head	
7	70005922	1	Gasket, Valve Cover	
7	70028185	1	Gasket, Front Cover	
7	70004280	1	Seal, Front Main	
7	70002718	1	Seal, Rear Main	
8	See Note	NSS	Valve, Slide (Note: Not Available for Purchase)	
8	70025082	1	Seal	
9	70005172	1	Pump, Lube (Not Shown - Located RH Rear)	
9	70025135	1	O-Seal	
9	70005173	1	Gasket	
10	7016331	1	Filter, Oil	
11	70024494	1	Cooler, Oil	
11	70024925	1	Gasket, Oil Filter	
12	70024924	1	Pump, High Pressure	
12	70025152	1	Gasket (Spacer to Pump)	
12	70024488	1	Spacer	
12	70024517	1	Gasket (Spacer to Block)	
12	70004505	1	Valve, Overflow	
12	70004506	1	Gasket, Overflow	
12	70004507	1	Gasket, Overflow	
13	70004508	1	Valve, Volume Control	
13	70004509	1	O-Ring	
13	70004510	1	Gasket	
14	70025181	4	Injector	
14	70025140	4	Washer, Sealing	
14	70025146	4	Clamp	
14	70025145	4	O-Seal	
14	70025154	4	Shoe/Pad, Clamping	
15	70006144	NLA	Pump, Fuel Supply (Use p/n 1001226098)	
16	70025144	2	Clip, Clamp	
17	70024961	1	Fuel Filter Assembly	
18	1001225430	1	Element, Filter	
19	70024513	1	Cable, Sensor	

SECTION 3 - ENGINE

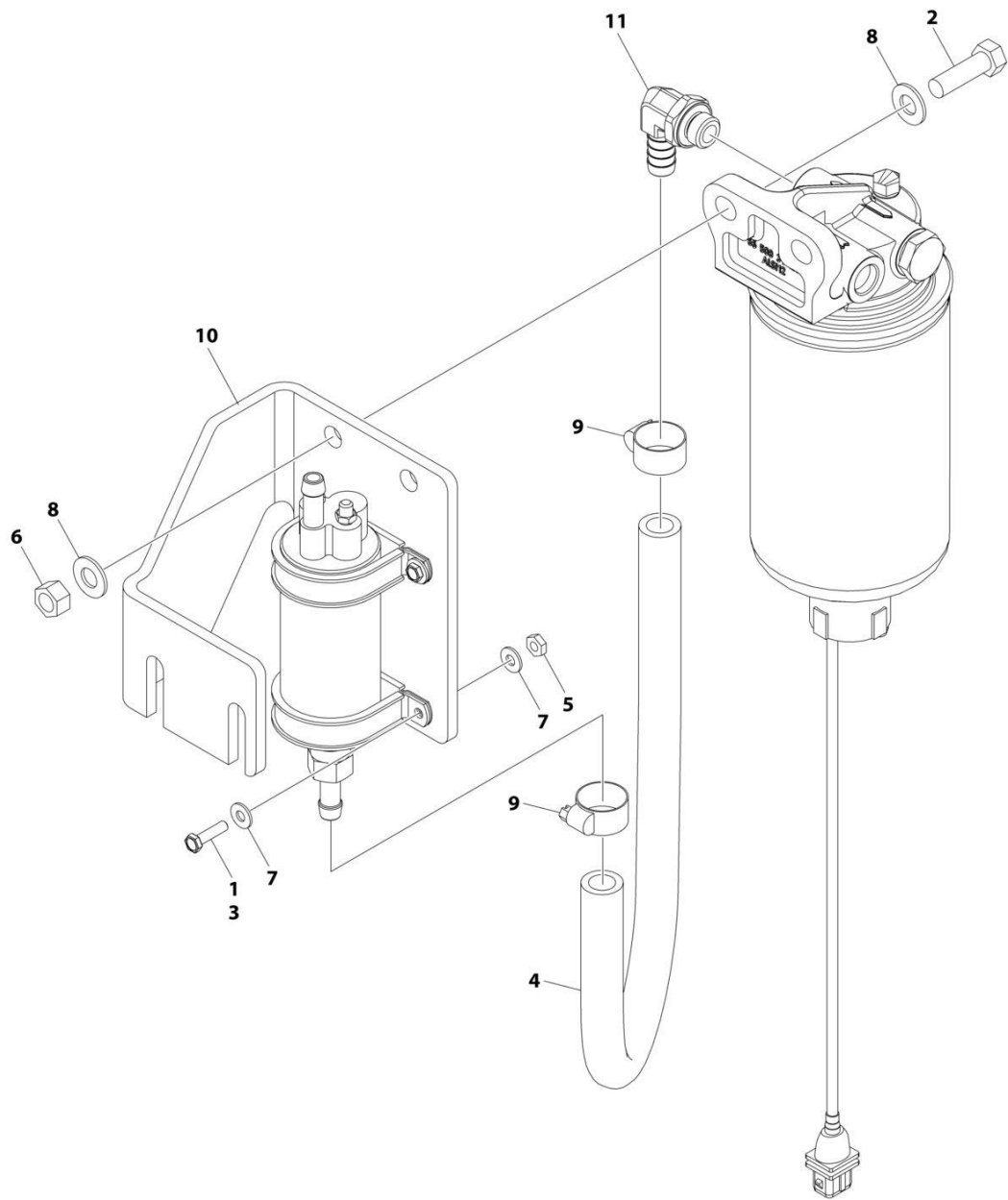
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
19	70025239	1	Seal, Ring	
20	70004511	1	Fuel Filter Assembly	
20	70004513	2	Seal (at Hollow Bolt)	
21	1001225432	1	Element, Filter	
22	70028538	1	Sensor, Pressure	
22	70024920	1	O-Seal	
23	70025151	1	Rail, Fuel	
23	70025235	1	Repair Kit - Fuel Rail	
23	70025240	1	O-Ring	
24	70025182	1	Tube, Fuel - Cylinders 1 & 2	
24	70025183	1	Tube, Fuel - Cylinders 3 & 4	
24	70025184	1	Tube, Fuel	
25	70024502	1	Pipe, Fuel Leakage	
25	70025185	1	Hose, Fuel	
25	70025158	1	Manifold	
25	70025109	2	Clamp, Spring	
25	70025115	1	Clamp	
25	70025133	1	Hose	
25	70025101	2	Clamp	
25	70025148	1	Connector, Plug-in	
26	70005923	1	Manifold, Charger Air	
26	70005177	1	Gasket, Charger Air Manifold	
26	70005924	1	Seal (Manifold to Elbow)	
26	7000180	1	Line, Breather (Not Shown)	
26	70005181	1	O-Seal (Breather to Manifold)	
27	70005926	1	Elbow	
27	70025112	2	Clamp	
27	70004501	1	Sleeve, Rubber	
28	See Note	NSS	Sleeve (Note: Not Available for Purchase)	
28	70025107	2	Clamp	
29	70005928	1	Elbow, Air Charge	
30	70025210	1	Module, ECU	
31	70028802	1	Pump, Coolant	
31	70025200	1	Ring, Sealing (Pump to Block)	
32	70025084	2	Plug	
32	7020492	2	Ring, Sealing	
33	70005929	1	Thermostat	
33	70005184	1	O-Seal (Thermostat to Housing)	
33	70025142	1	Housing, Thermostat	
33	70005931	1	O-Seal (Thermostat to Pump)	
33	70025124	2	Bolt	
34	See Note	NSS	Tube (Note: Not Available for Purchase)	
34	70025179	2	Gasket (at Either End of Tube)	
35	See Note	NSS	Valve, Shuttle (Note: Not Available for Purchase)	
35	70025180	1	Gasket	
35	See Note	NSS	Housing, Shuttle Valve (Note: Not Available for Purchase)	
35	70025175	1	Cap, Shuttle Valve	
36	70025203	1	Module, EGR	
36	70025155	1	Plug (Not Shown)	
37	70005188	1	Valve, EGR Control	
37	70005189	1	Seal (Valve to Module)	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
38	70004282	1	Manifold, Exhaust (Not Shown)	
38	70025164	1	Gasket, Manifold to Head (Not Shown)	
38	70025130	8	Bolt, Manifold (Not Shown)	
38	70026995	1	Elbow, Exhaust (Not Shown)	
38	70025179	2	Gasket, Manifold to Elbow (Not Shown)	
39	70005932	1	Tube, Oil Return	
39	70025132	1	O-Seal	
40	70004276	1	Turbocharger	
40	70024509	1	Gasket (Turbocharger to Oil Return Tube Housing)	
40	1001191599	1	Gasket (Turbocharger to Exhaust)	
41	70025477	1	Tensioner, Belt	
42	70024484	1	Roller, Idler	
43	70004277	1	Belt	
44	70025733	1	Pulley, Alternator	
44	70006652	1	Alternator	
44	70006653	1	Controller	
44	See Note	NSS	Fan (Note: Not Available for Purchase)	
45	70024915	1	Starter	
45	70005647	1	Switch, Solenoid	
45	70005648	1	Relay	
46	70000345	4	Glow Plug	
46	70025231	1	Harness, Glow Plug	
46	70025233	1	Connector, Plug-in	
47	70025077	1	Harness, Engine	
48	70024918	1	Sender, Temperature	
49	70028538	1	Sensor, Pressure (Not Shown - RH Front)	
49	70024920	1	O-Seal	
50	70026210	1	Sensor, Speed (Not Shown - Front)	
50	70005191	1	Ring, Seal	
51	70024507	1	Sensor, Pressure	
51	70025120	1	O-Seal	
51	70005933	1	Adapter	
51	70005934	1	O-Seal	
52	70024922	1	Sender, Temperature	
52	70025212	1	O-Seal	
53	70026210	1	Sensor, Speed (Not Shown - Front)	
53	70024917	1	O-Seal	
54	70025192	1	Housing	
56	70005527	1	Clip	

SECTION 3 - ENGINE

FIGURE 3-23. FUEL PUMP/FILTER BRACKET ASSEMBLY (DEUTZ TD2.9L4 ENGINES)



ART_1001162335

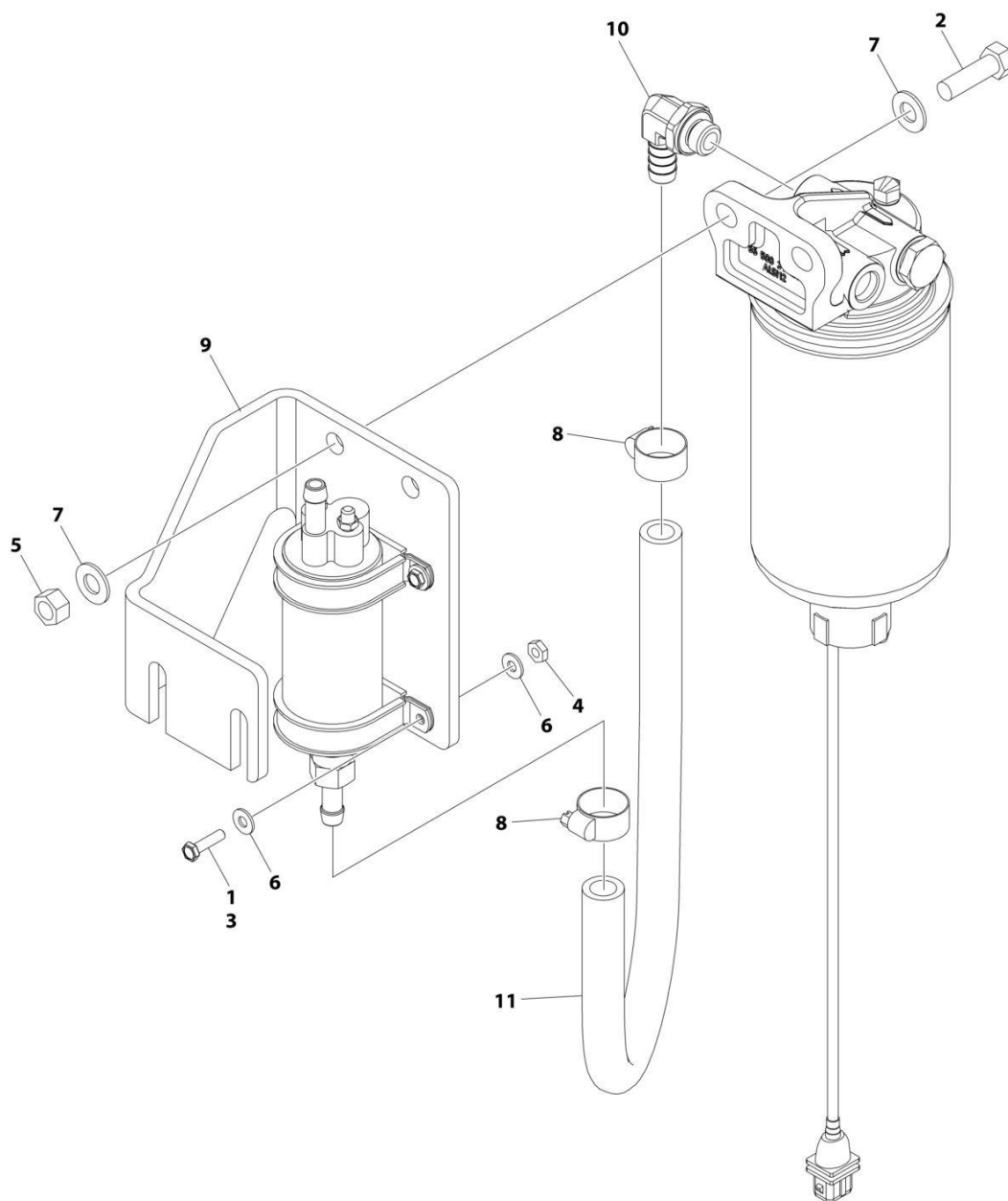
SECTION 3 - ENGINE

FIGURE 3-23. FUEL PUMP/FILTER BRACKET ASSEMBLY (DEUTZ TD2.9L4 ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162335	Ref	BRACKET ASSEMBLY - FUEL PUMP AND FILTER (DEUTZ D2.9L4 ENGINE)	E
1	0100011	AR	Compound, Locking	
2	0641610	2	Bolt 3/8 x 1-1/4	
3	0721006	4	Bolt #10 x 3/4	
4	1001154405	AR	Hose	
5	3311001	4	Nut #10	
6	3311605	2	Nut 3/8	
7	4711000	8	Washer #10	
8	4711600	4	Washer 3/8	
9	8405006	2	Clamp	
10	1001141870	1	Plate, Fuel Pump Mount	
11	1001142501	1	Fitting, Elbow Barbed	

SECTION 3 - ENGINE

FIGURE 3-24. FUEL PUMP/FILTER BRACKET ASSEMBLY (DEUTZ TD2.9L4 (STAGE V) ENGINES)



ART_1001235949

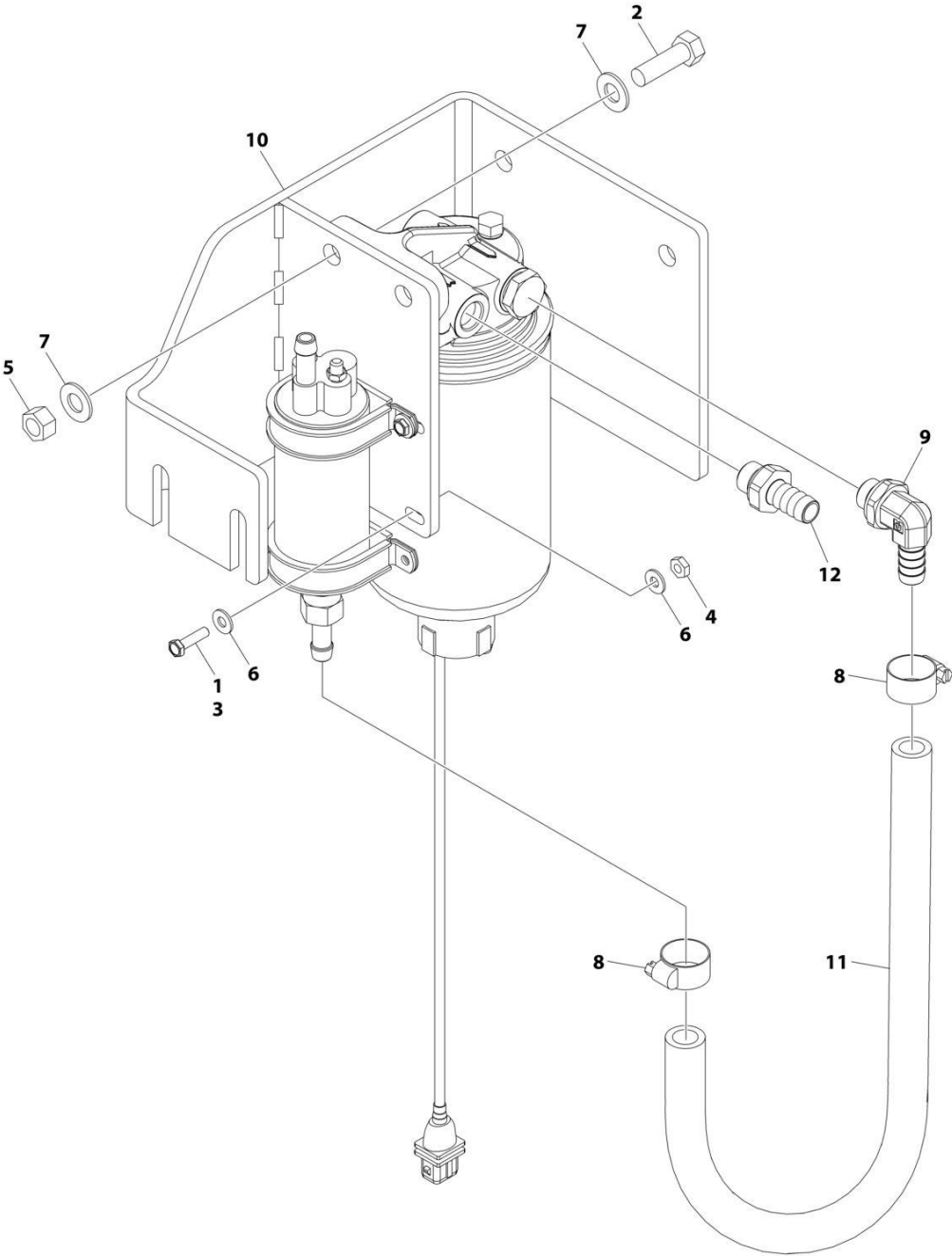
SECTION 3 - ENGINE

FIGURE 3-24. FUEL PUMP/FILTER BRACKET ASSEMBLY (DEUTZ TD2.9L4 (STAGE V) ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235949	Ref	BRACKET ASSEMBLY - FUEL PUMP AND FILTER (DEUTZ D2.9L4 (STAGE V) ENGINE)	A
1	0100035	AR	Compound, Locking	
2	0641610	2	Bolt 3/8 x 1-1/4	
3	0721006	4	Bolt #10 x 3/4	
4	3311001	4	Nut #10	
5	3311605	2	Nut 3/8	
6	4711000	8	Washer #10	
7	4711600	4	Washer 3/8	
8	8405006	2	Clamp	
9	1001141870	1	Plate, Fuel Pump Mount	
10	1001142501	1	Fitting, Elbow Barbed	
11	1001154405	1.5 ft /0.4m	Hose	

SECTION 3 - ENGINE

FIGURE 3-25. FUEL PUMP/FILTER BRACKET ASSEMBLY (DEUTZ TD2.9L4 ENGINES) (CHINA III)



ART_1001227224

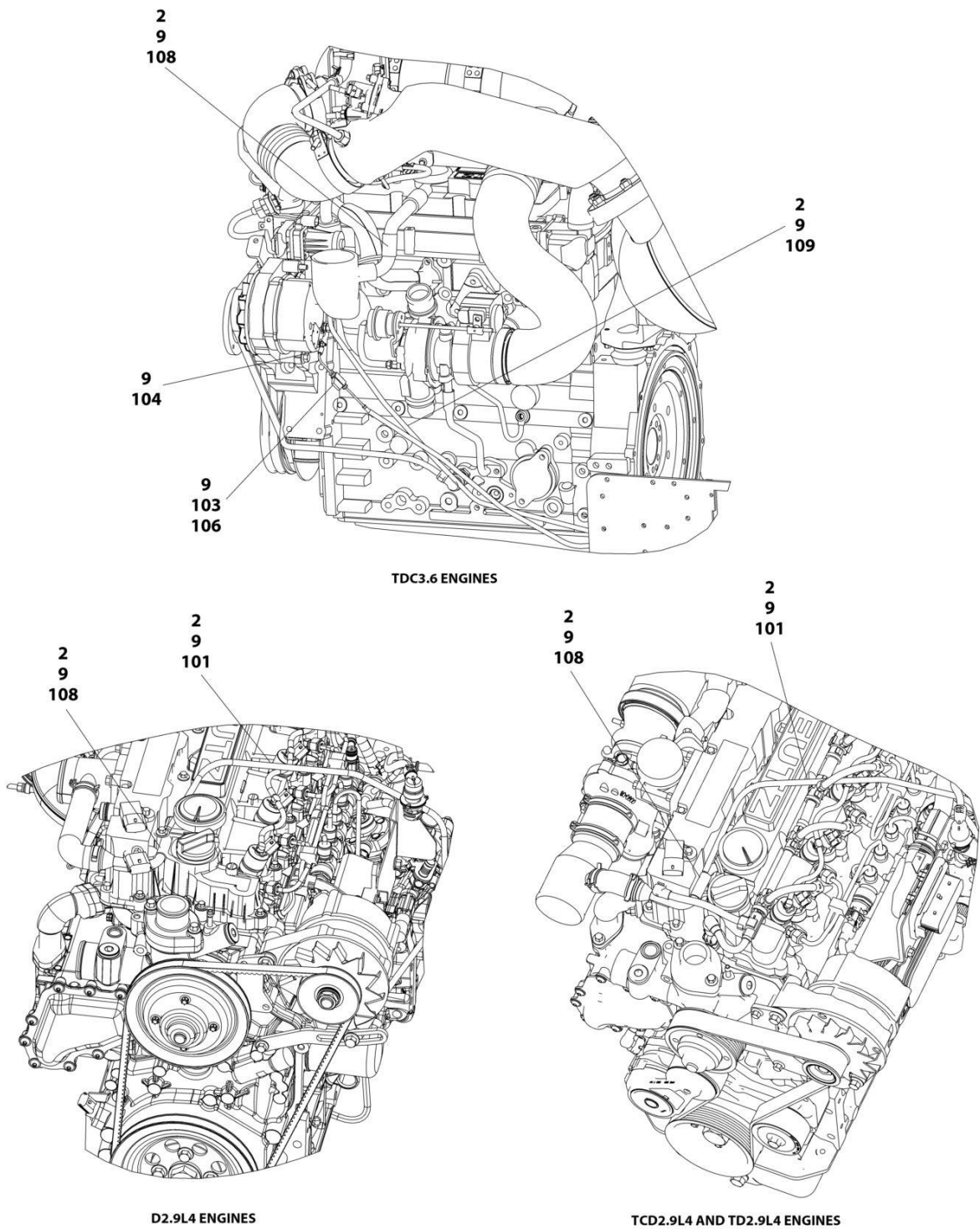
SECTION 3 - ENGINE

FIGURE 3-25. FUEL PUMP/FILTER BRACKET ASSEMBLY (DEUTZ TD2.9L4 ENGINES) (CHINA III)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227224	Ref	BRACKET ASSEMBLY (LESS FUEL PUMP AND FILTER)	D
1	0100011	AR	Locking, Compound	
2	0641610	2	Bolt 3/8 x 1-1/4	
3	0721006	4	Bolt #10 x 3/4	
4	3311001	4	Nut #10	
5	3311605	2	Nut 3/8	
6	4711000	8	Washer #10	
7	4711600	4	Washer 3/8	
8	8405006	2	Clamp	
9	1001142501	1	Fitting, 90 Metric/Barbed	
10	1001226285	1	Plate, Fuel Pump Mount	
11	1001154405	AR	Hose	
12	1001141718	1	Fitting, Straight (Not Shown)	

SECTION 3 - ENGINE

FIGURE 3-26. BREATHER HEATER INSTALLATION (DEUTZ TD2.9L4 ENGINES)



ART_1001233763

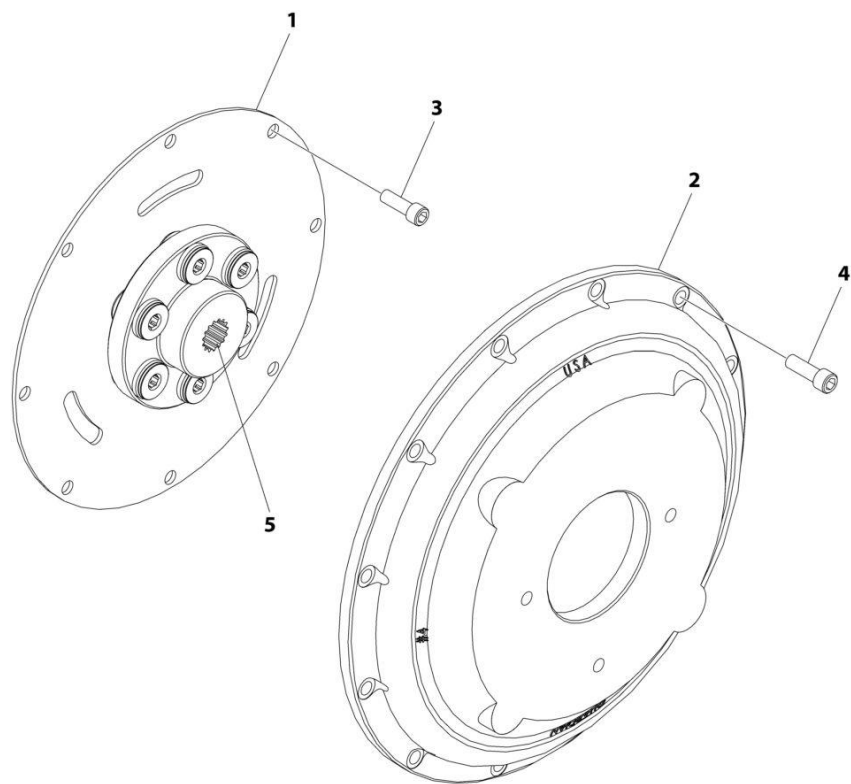
SECTION 3 - ENGINE

FIGURE 3-26. BREATHER HEATER INSTALLATION (DEUTZ TD2.9L4 ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233763	Ref	BREATHER HEATER INSTALLATION - DEUTZ ENGINES	D
2	4240099	AR	Tie-Strap	C
9	1001243895	1	Breather Heater Harness	
101	2820035	AR	Insulation	
103	2400060	1	Fuseholder with Cover	
104	4460043	1	Terminal, Ring	
105	4460722	1	Terminal, Ring (Not Shown)	
106	1001196634	1	Fuse - 2 Amp	
108	1001232842	1	Breather Heater Kit	

SECTION 3 - ENGINE

FIGURE 3-27. PUMP COUPLING KIT (DEUTZ ENGINES)



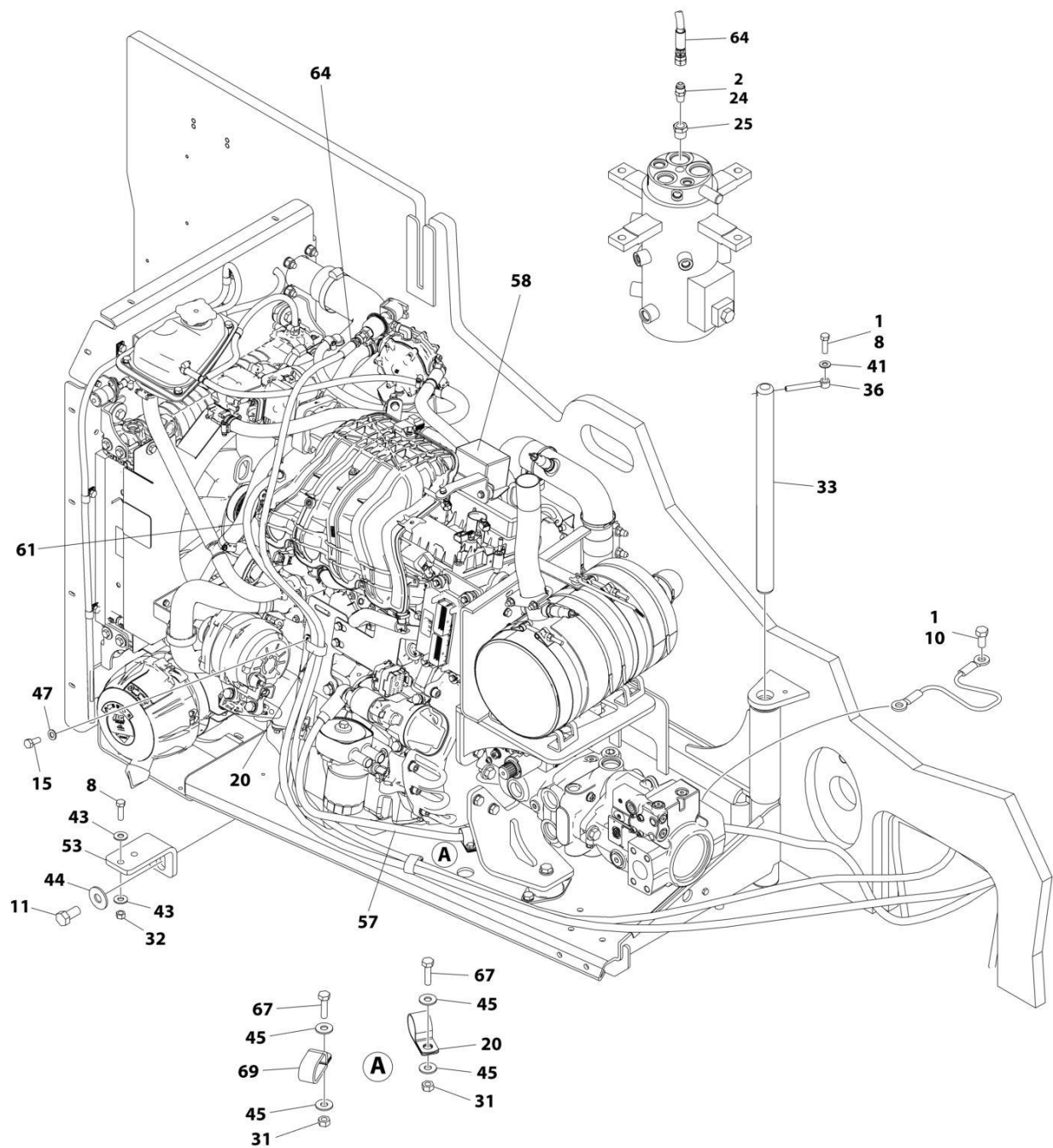
ART_1001153282

FIGURE 3-27. PUMP COUPLING KIT (DEUTZ ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001153282	Ref	PUMP COUPLING KIT	E
1	70004183	1	Coupling Guardian	
2	See Note	NSS	Plate, Pump Adapter (Note: Use p/n 1001153282)	
3	See Note	8	Capscrew M10 x 20 Grade 10.9 (Note: Not Available - Purchase Locally or Purchase Kit)	
4	See Note	12	Capscrew M10 x 25 Grade 10.9 (Note: Not Available - Purchase Locally or Purchase Kit)	
5	3020021	AR	Grease, Coupling	

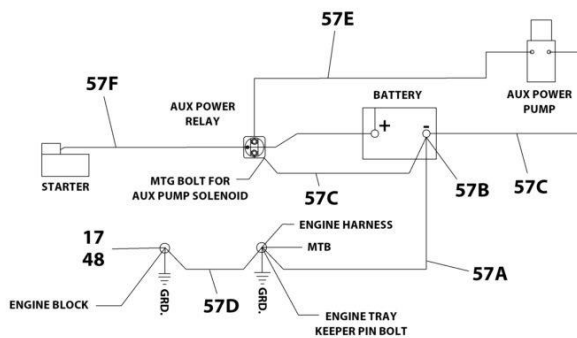
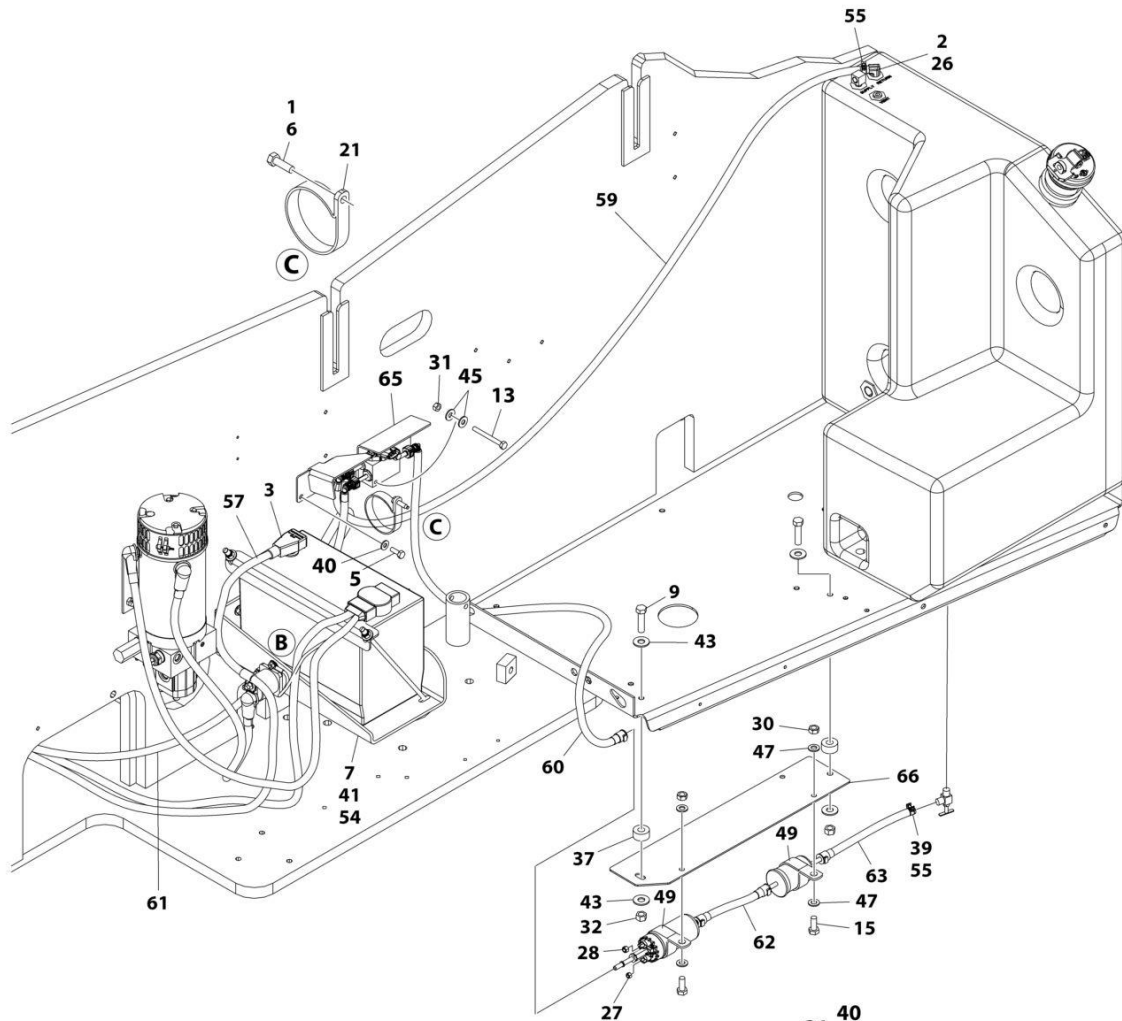
SECTION 3 - ENGINE

FIGURE 3-28. FORD ENGINE INSTALLATION (WITHOUT ARCTIC PACKAGE)



ART_1001217199_10F2

SECTION 3 - ENGINE



BATTERY CABLE KIT - ITEM 57

ART_1001217199_20F2

SECTION 3 - ENGINE

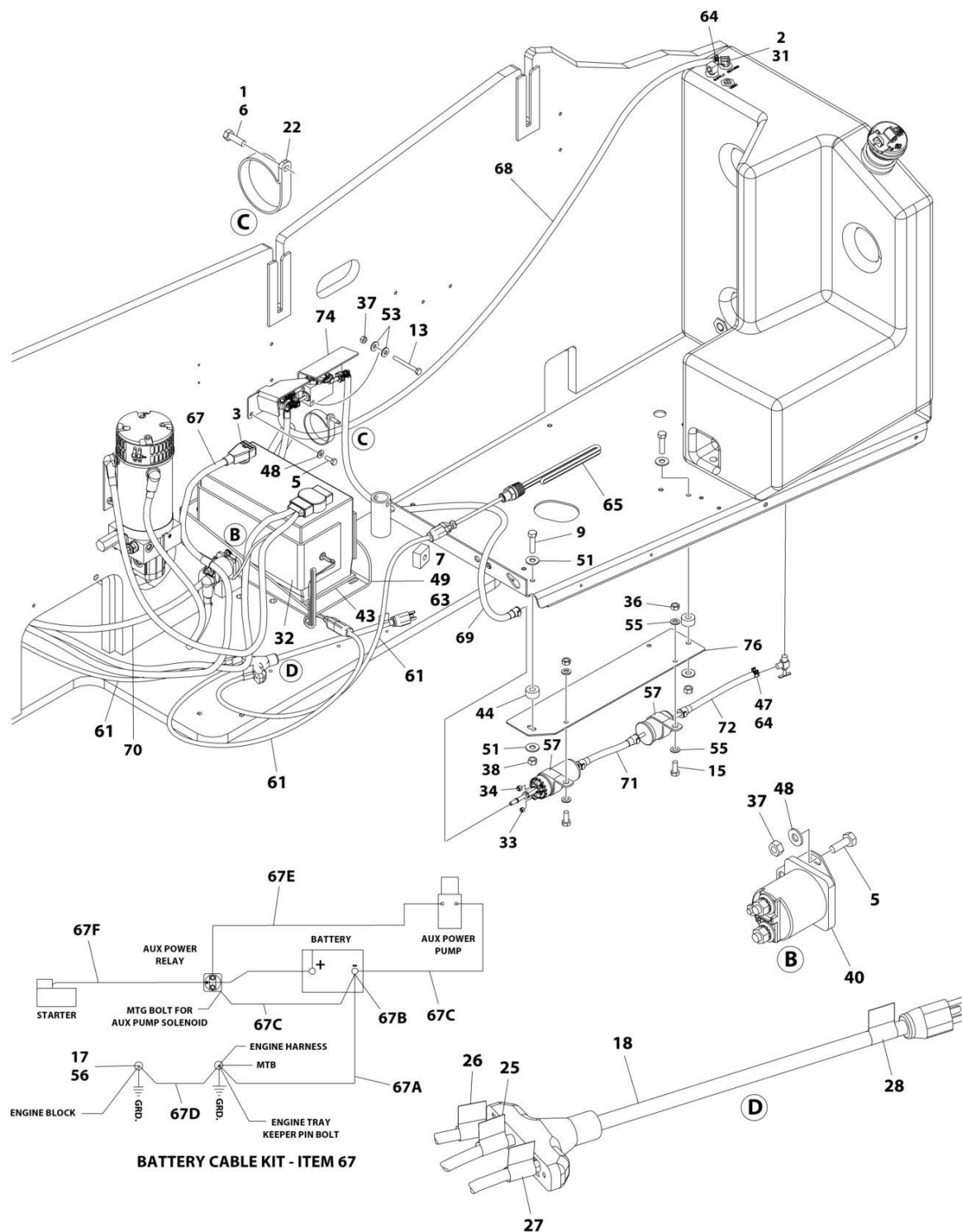
FIGURE 3-28. FORD ENGINE INSTALLATION (WITHOUT ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217199	Ref	Ford Engine Installation without Arctic Package	H
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant	
3	0100048	AR	Grease, Terminal	
5	0641406	4	Bolt 1/4 x 3/4	
6	0641508	1	Bolt 5/16 x 1	
7	0641607	3	Bolt 3/8 x 7/8	
8	0641610	3	Bolt 3/8 x 1-1/4	
9	0641612	2	Bolt 3/8 x 1-1/2	
10	0641808	1	Bolt 1/2 x 1	
11	0642010	1	Bolt 5/8 x 1-1/4	
13	0641420	2	Bolt 1/4 x 2-1/2	
15	0760810	3	Bolt M8 x 20	
17	0761008	1	Bolt M10 x 16	
20	1321283	2	Clamp	
21	1321339	1	Clamp	
22	1701542	1	Decal - Gas (Not Shown)	
23	1701543	2	Decal - LPG (Not Shown)	
24	2180418	1	Fitting, Straight	
25	2221197	1	Fitting, Reducer NPT/NPT	
26	2221176	1	Fitting, 90	
27	3290405	1	Nut M4	
28	3290505	1	Nut M5	
30	3290801	2	Nut M8	
31	3311405	6	Nut 1/4	
32	3311605	4	Nut 3/8	
33	3422446	1	Pin	
34	3740067	1	Relay	
35	3790012	1	O-Ring (Not Shown - Located on Platform Console Box)	
36	3841143	1	Keeper, Pin	
37	4071122	2	Shim	
38	4360336	1	Switch, Toggle (Not Shown - Located on Platform Console Box)	
39	1001221488	1	Tube, Fuel Line	
40	4711400	6	Washer 1/4	
41	4711600	4	Washer 3/8	
43	4751600	8	Washer 3/8	
44	4752000	1	Washer 5/8	
45	4751400	8	Washer 1/4	
47	4811900	5	Washer M8	
48	4812000	1	Washer M10	
49	85941018	2	Clamp	
53	1001153359	1	Mount	
54	1001162497	1	Bracket, Battery	
55	1001174486	2	Clamp	
57	1001216568	1	Battery Cable Kit	B
57A	7027084	1	Cable, Battery - Ground to Battery -	
57B	8270147	1	Terminal, Battery with Boot	
57C	7027085	1	Cable, Battery - Auxiliary Pump/Relay to Battery -	
57D	7027086	1	Cable, Battery - Engine to Ground	
57E	7027088	1	Cable, Battery - Auxiliary Relay to Auxiliary Pump	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
57F	70009020	1	Cable, Battery - Starter/Auxiliary Relay to Battery +	
58	1001217192	1	Ford Engine and Pump Sub-Assembly (Without Arctic Package) (See Separate Breakdown in this Section)	
59	1001219364	1	Hose	
60	1001219365	1	Hose	
61	1001219366	1	Hose	
62	1001219367	1	Hose	
63	1001219368	1	Hose	
64	1001219369	1	Hose	
65	1001219370	1	Bracket	
66	1001219809	1	Bracket	
67	0641408	2	Bolt 1/4 x 1	
69	8406201	1	Clip	
70	4240099	AR	Tie-Strap (Not Shown)	

SECTION 3 - ENGINE



ART_1001219610_2OF2

SECTION 3 - ENGINE

FIGURE 3-29. FORD ENGINE INSTALLATION (WITH ARCTIC PACKAGE)

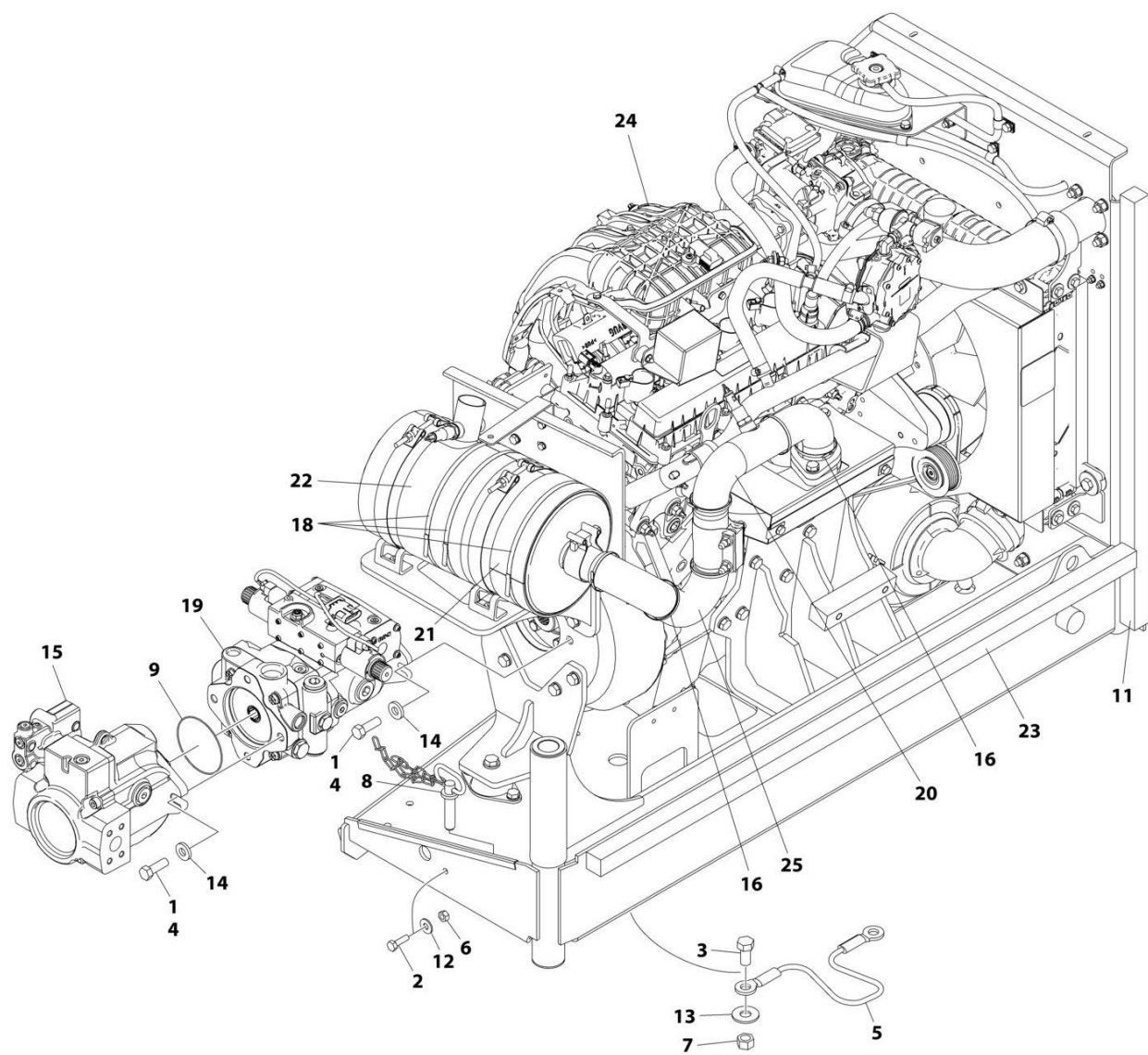
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219610	Ref	FORD ENGINE INSTALLATION (WITH ARCTIC PACKAGE)	H
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant	
3	0100048	AR	Grease, Terminal	
5	0641406	4	Bolt 1/4 x 3/4	
6	0641508	1	Bolt 5/16 x 1	
7	0641607	3	Bolt 3/8 x 7/8	
8	0641610	3	Bolt 3/8 x 1-1/4	
9	0641612	2	Bolt 3/8 x 1-1/2	
10	0641808	1	Bolt 1/2 x 1	
11	0642010	1	Bolt 5/8 x 1-1/4	
13	0641420	2	Bolt 1/4 x 2-1/2	
15	0760810	3	Bolt M8 x 20	
17	0761008	1	Bolt M10 x 16	
18	1060626	1	Plug, 3 Way	
21	1321283	2	Clamp	
22	1321339	1	Clamp	
23	1701542	1	Decal - Gas (Not Shown)	
24	1701543	2	Decal - LPG (Not Shown)	
25	1702941	1	Decal - Battery Heater	
26	1702942	1	Decal - Engine Block Heater	
27	1702943	1	Decal - Hydraulic Tank Heater	
28	1702944	1	Decal - Heater Cord	
29	2180418	1	Fitting, Straight	
30	2221197	1	Fitting, Reducer NPT/NPT	
31	2221176	1	Fitting, 90	
32	2580024	1	Heater, Battery	
33	3290405	1	Nut M4	
34	3290505	1	Nut M5	
36	3290801	2	Nut M8	
37	3311405	6	Nut 1/4	
38	3311605	4	Nut 3/8	
39	3422446	1	Pin	
40	3740067	1	Relay	
41	3790012	1	O-Ring (Not Shown - Located on Platform Console Box)	
42	3841143	1	Keeper, Pin	
43	3980007	1	Seat, Battery	
44	4071122	2	Shim	
45	4240099	AR	Tie-Strap (Not Shown)	
46	4360336	1	Switch, Toggle (Not Shown - Located on Platform Console Box)	
47	1001221488	1	Tube, Fuel Line	
48	4711400	6	Washer 1/4	
49	4711600	4	Washer 3/8	
51	4751600	8	Washer 3/8	
52	4752000	1	Washer 5/8	
53	4751400	8	Washer 1/4	
55	4811900	5	Washer M8	
56	4812000	1	Washer M10	
57	85941018	2	Clamp	
61	1001150918	1	Cable, Immersion Heater	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
62	1001153359	1	Mount	B
63	1001162497	1	Bracket, Battery	
64	1001174486	2	Clamp	
65	1001188972	1	Heater, Hydraulic Tank	
67	1001216568	1	Battery Cable Kit	
67A	7027084	1	Cable, Battery - Ground to Battery -	
67B	8270147	1	Terminal, Battery with Boot	
67C	7027085	1	Cable, Battery - Auxiliary Pump/Relay to Battery -	
67D	7027086	1	Cable, Battery - Engine to Ground	
67E	7027088	1	Cable, Battery - Auxiliary Relay to Auxiliary Pump	
67F	70009020	1	Cable, Battery - Starter/Auxiliary Relay to Battery +	
68	1001219364	1	Hose	
69	1001219365	1	Hose	
70	1001219366	1	Hose	
71	1001219367	1	Hose	
72	1001219368	1	Hose	
73	1001219369	1	Hose	
74	1001219370	1	Bracket	
75	1001219609	1	Ford Engine and Pump Sub-Assembly (with Arctic Package) (See Separate Breakdown in this Section)	
76	1001219809	1	Bracket	
77	0641408	1	Bolt 1/4 x 1	
79	8406201	1	Clip, Tube	

SECTION 3 - ENGINE

FIGURE 3-30. FORD ENGINE AND PUMP SUB-ASSEMBLY (WITHOUT ARCTIC PACKAGE)



ART_1001217192

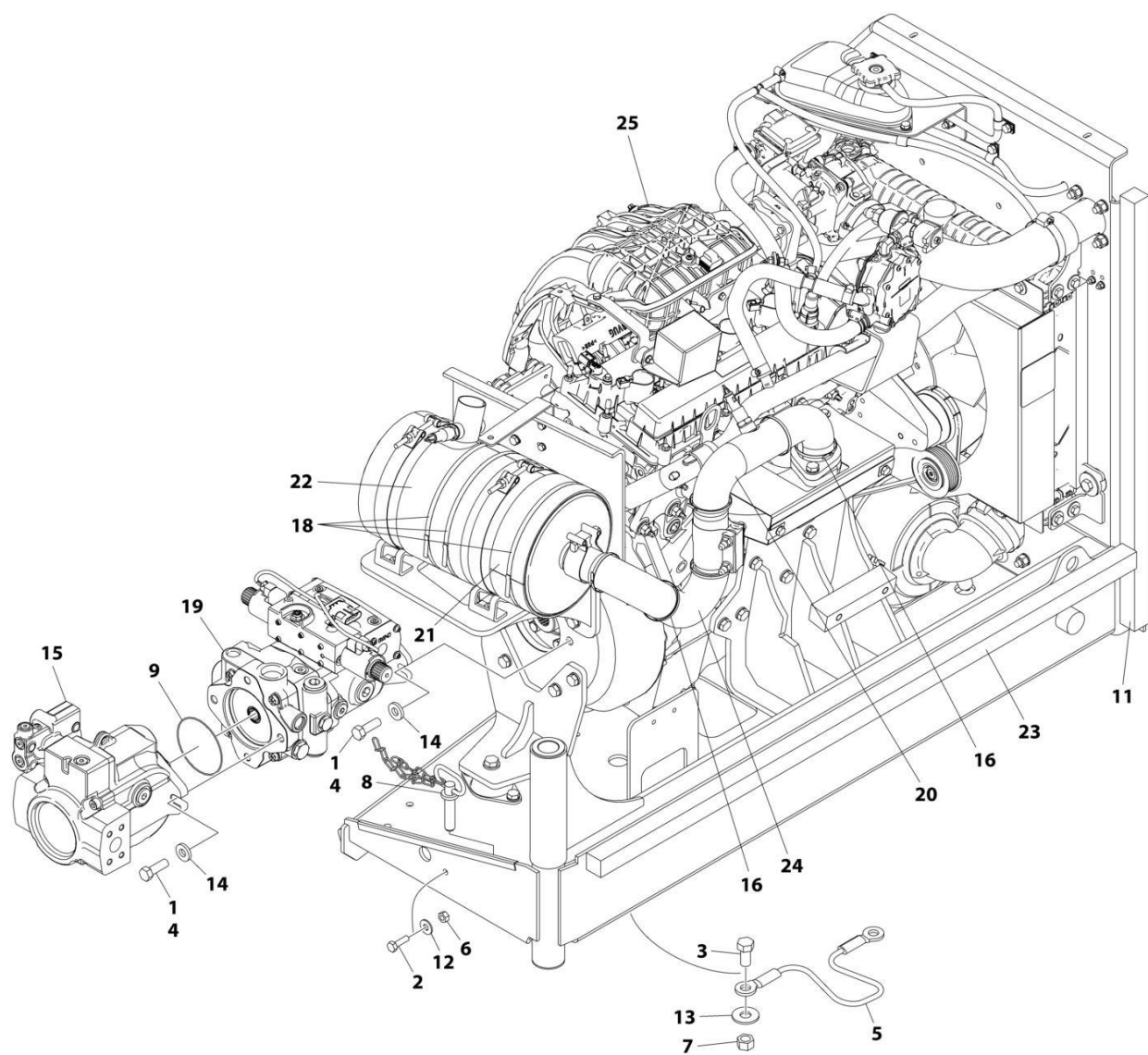
SECTION 3 - ENGINE

FIGURE 3-30. FORD ENGINE AND PUMP SUB-ASSEMBLY (WITHOUT ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217192	Ref	FORD ENGINE AND PUMP SUB-ASSEMBLY (WITHOUT ARCTIC PACKAGE)	G
1	0100011	AR	Compound, Locking	
2	0641407	1	Bolt 1/4 x 7/8	
3	0641808	1	Bolt 1/2 x 1	
4	0641812	4	Bolt 1/2 x 1-1/2	
5	1060637	1	Cable, Lanyard	
6	3311405	1	Nut 1/4	
7	3311805	1	Nut 1/2	
8	3422532	1	Pin	
9	3790044	1	O-Ring	
11	3960469	1	Seal	
12	4751400	1	Washer 1/4	
13	4751800	1	Washer 1/2	
14	4891800	4	Washer 1/2	
15	1001094595	1	Variable Pump Assembly (See Separate Breakdown in this Section)	
16	1001100825	6	Strap	
18	1001221464	3	Strap	
19	1001225745	1	Hydrostatic Pump Assembly (See Separate Breakdown in this Section)	
20	1001216532	1	Insulate, Exhaust Pipe	
21	1001216534	1	Insulate, Muffler	
22	1001216535	1	Insulate, Muffler	
23	1001217170	1	Seal	
24	1001217191	1	Ford Engine Assembly without Arctic Package (See Separate Breakdown in this Section)	
25	1001218085	1	Insulate, Exhaust Pipe	

SECTION 3 - ENGINE

FIGURE 3-31. FORD ENGINE AND PUMP SUB-ASSEMBLY (WITH ARCTIC PACKAGE)



ART_1001219609

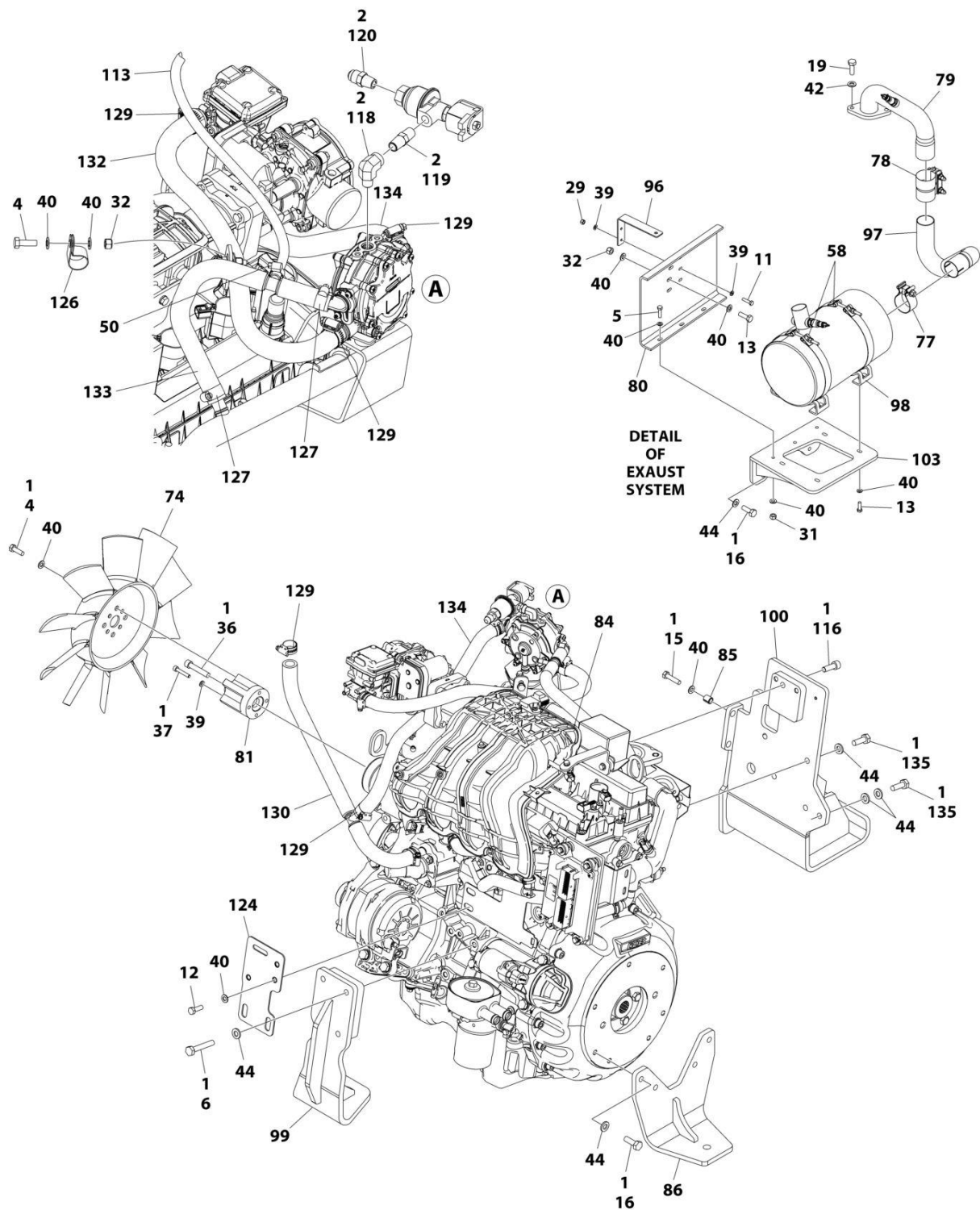
SECTION 3 - ENGINE

FIGURE 3-31. FORD ENGINE AND PUMP SUB-ASSEMBLY (WITH ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219609	Ref	FORD ENGINE AND PUMP SUB-ASSEMBLY (WITH ARCTIC PACKAGE)	E
1	0100011	AR	Compound, Locking	
2	0641407	1	Bolt 1/4 x 7/8	
3	0641808	1	Bolt 1/2 x 1	
4	0641812	4	Bolt 1/2 x 1-1/2	
5	1060637	1	Cable, Lanyard	
6	3311405	1	Nut 1/4	
7	3311805	1	Nut 1/2	
8	3422532	1	Pin	
9	3790044	1	O-Ring	
11	3960469	1	Seal	
12	4751400	1	Washer 1/4	
13	4751800	1	Washer 1/2	
14	4891800	4	Washer 1/2	
15	1001094595	1	Variable Pump Assembly (See Separate Breakdown in this Section)	
16	1001100825	6	Strap	
18	1001137336	3	Strap	
19	1001225745	1	Hydrostatic Pump Assembly (See Separate Breakdown in this Section)	
20	1001216532	1	Insulate, Exhaust Pipe	
21	1001216534	1	Insulate, Muffler	
22	1001216535	1	Insulate, Muffler	
23	1001217170	1	Seal	
24	1001218085	1	Insulate, Exhaust Pipe	
25	1001219608	1	Ford Engine Assembly with Arctic Package (See Separate Breakdown in this Section)	

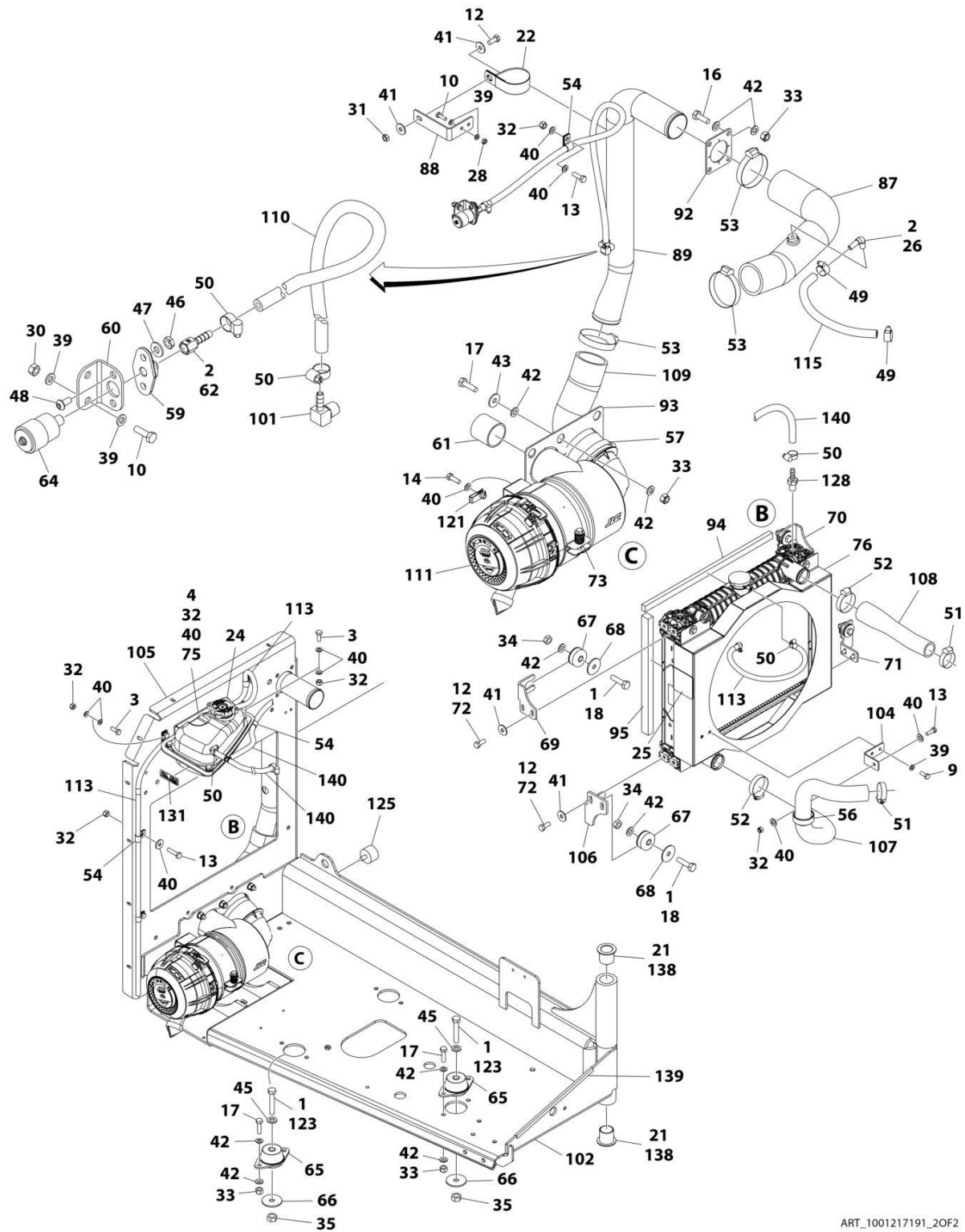
SECTION 3 - ENGINE

FIGURE 3-32. FORD ENGINE ASSEMBLY (WITHOUT ARCTIC PACKAGE)



ART_1001217191_1OF2

SECTION 3 - ENGINE



ART_1001217191_2OF2

SECTION 3 - ENGINE

FIGURE 3-32. FORD ENGINE ASSEMBLY (WITHOUT ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217191	Ref	FORD ENGINE ASSEMBLY	Q
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant	
3	0700810	3	Bolt 8 x 20	
4	0700812	7	Bolt 8 x 25	
5	0700814	3	Bolt 8 x 30	
6	0711020	3	Bolt M10 x 60	
9	0760608	2	Bolt 6 x 16	
10	0760610	4	Bolt M6 x 20	
11	0760612	2	Bolt 6 x 25	
12	0760810	11	Bolt M8 x 20	
13	0760812	12	Bolt M8 x 25	
14	0760814	2	Bolt M8 x 30	
15	0760815	2	Bolt M8 x 35	
16	0761014	11	Bolt M10 x 30	
17	0761015	12	Bolt M10 x 35	
18	0761016	4	Bolt M10 x 40	
19	0771014	2	Bolt 10 x 30	
21	0961986	2	Bearing, Flange	
22	1320110	1	Clamp	
23	1001187781	1	Tie-Strap (Not Shown)	
24	1001223584	1	Tank, Surge	
25	1703162	2	Decal - Fan Blade	
26	2180467	1	Fitting, Straight NPT/Barb	
28	3290601	2	Nut M6	
29	3290605	2	Nut M6	
30	3290607	2	Nut M6	
31	3290801	4	Nut M8	
32	3290805	14	Nut M8	
33	3291005	16	Nut M10	
34	3291001	4	Nut M10	
35	3291201	3	Nut M12	
36	3931640	1	Screw 3/8 x 2-1/2	
37	4031711	4	Capscrew M6 x 35	
38	4240099	AR	Tie-Strap (Not Shown)	
39	4811700	18	Washer M6	
40	4811900	48	Washer M8	
41	4811902	10	Washer M8	
42	4812000	38	Washer M10	
43	4812002	6	Washer M10	
44	5241000	16	Washer M10	
45	5241200	3	Washer M12	
46	8305401	2	Nut Jam	
47	8307109	2	Washer	
48	8310548	2	Screw 1/4 x 1/2	
49	8405006	2	Clamp	
50	8405009	5	Gear	
51	8405102	2	Clamp	
52	8405104	2	Clamp	
53	8405203	3	Clamp	

SECTION 3 - ENGINE

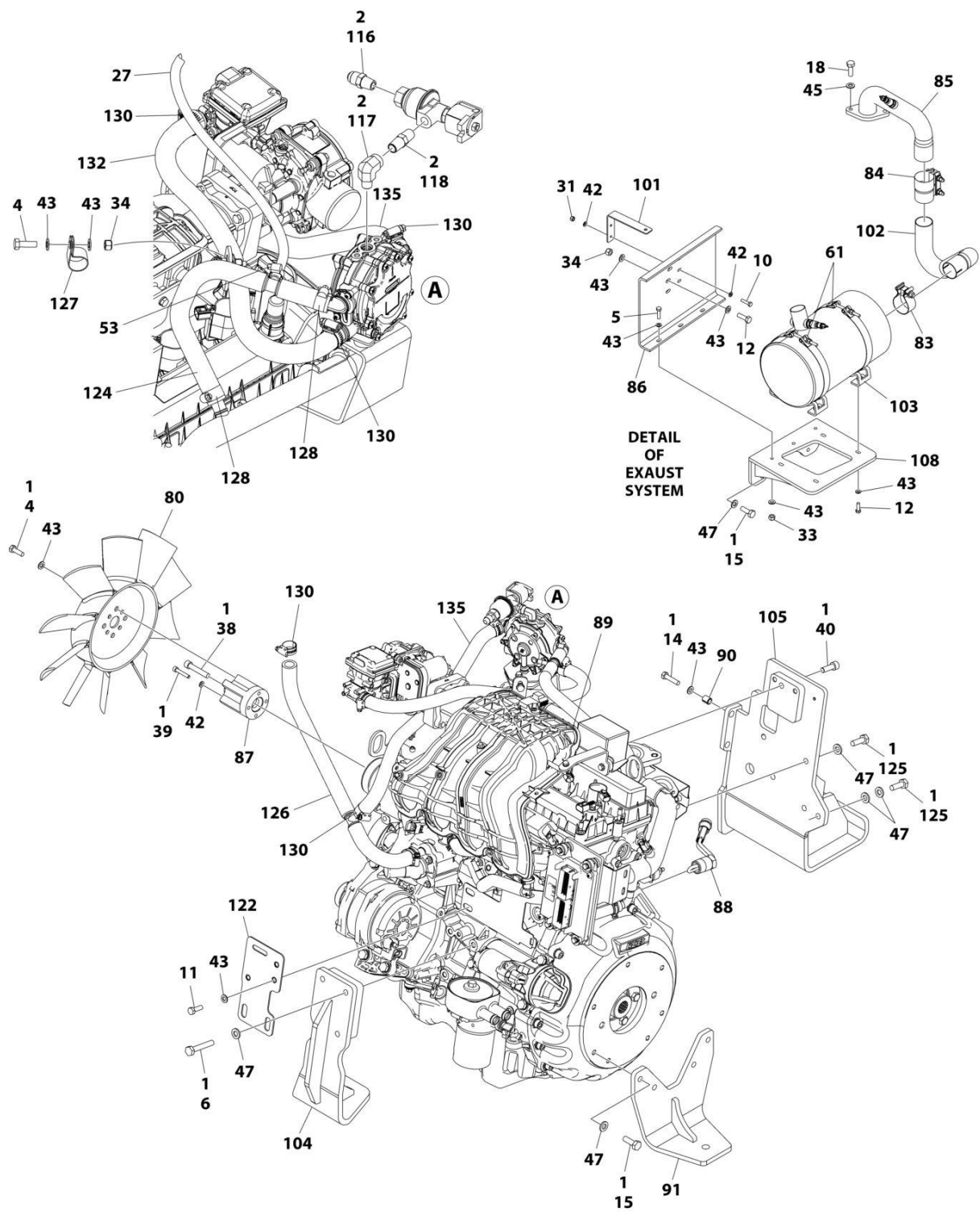
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
54	8406109	6	Clip	
56	8410001	1	Clamp	
57	8410011	1	Clamp	
58	1001128901	2	Strap	
59	1001138173	1	Support	
60	1001138175	1	Bracket	
61	1001141585	1	Hose	
62	1001141995	2	Fitting, Straight NPT/Barbed	
64	1001149639	1	Indicator, Restriction	
65	1001191610	3	Mount, Motor	
66	1001168018	3	Washer	
67	1001169054	4	Isolator	
68	1001169138	4	Pad, Snubbing	
69	1001169967	1	Bracket	
70	1001170035	1	Bracket	
71	1001176329	1	Bracket	
72	1001180620	AR	Adhesive	
73	1001186426	1	Clamp	
74	1001223042	1	Fan	
75	1001225442	1	Bracket	
76	1001223923	1	Radiator	
77	1001215681	1	Clamp	
78	1001215974	1	Clamp	
79	1001216075	1	Pipe, Exhaust	
80	1001216092	1	Shield, Heat	
81	1001216201	1	Adapter	
84	1001216910	1	Ford Engine Prep Assembly (See Separate Breakdown in this Section)	
85	1001216919	2	Sleeve	
86	1001290252	1	Mount, Engine Rear	
87	1001217032	1	Tube	
88	1001217046	1	Bracket	
89	1001217090	1	Tube	
92	1001217174	1	Seal	
93	1001217175	1	Seal	
94	1001217183	2	Seal	
95	1001217185	2	Seal	
96	1001217186	1	Support	
97	1001217317	1	Pipe	
98	1001217543	2	Mount	
99	1001218362	1	Mount	
100	1001218449	1	Bracket	
101	1001134488	1	Fitting	
102	1001219259	1	Support	
103	1001219345	1	Muffler	
104	1001219361	1	Support	
105	1001219363	1	Plate	
106	1001219480	1	Bracket	
107	1001219611	1	Hose	
108	1001219612	1	Hose	
109	1001219613	1	Tube	
110	1001138248	31 in/	Tube	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		77cm		
111	1001189979	1	Air Filter Assembly	
111	70005008	1	Element, Filter - Primary	
111	70006460	1	Element, Filter -Secondary	
111	8273291	1	Valve, Dust Evacuator	
111	70006461	1	Cover	
113	2720058	55 in/ 1.5m	Hose	
115	1001165035	10 26cm	Hose	
116	5272010	1	Bolt M10 x 30	
118	1001247359	1	Fitting, 90 FSNPSM/NPTF	
119	2220261	1	Fitting	
120	2180418	1	Fitting	
121	1001221615	2	Nut M8	
123	0711223	3	Bolt 12 x 75	
124	1001222033	1	Plate	
125	0940070	1	Bumper	
126	8406201	1	Clip	
127	8410009	2	Gear Clamp	
128	2180348	1	Fitting	
129	1001173535	6	Clamp	
130	1001224489	1	Hose	
131	1001225510	1	Decal	
132	1001216531	1	Hose	
133	1001227666	1	Hose	
134	1001224486	1	Hose	
135	0711014	5	Bolt 10 x 30	
138	0100062	AR	Compound Locking	
139	4060805	16 in/ 41cm	Shield	
140	1001227667	1	Hose	

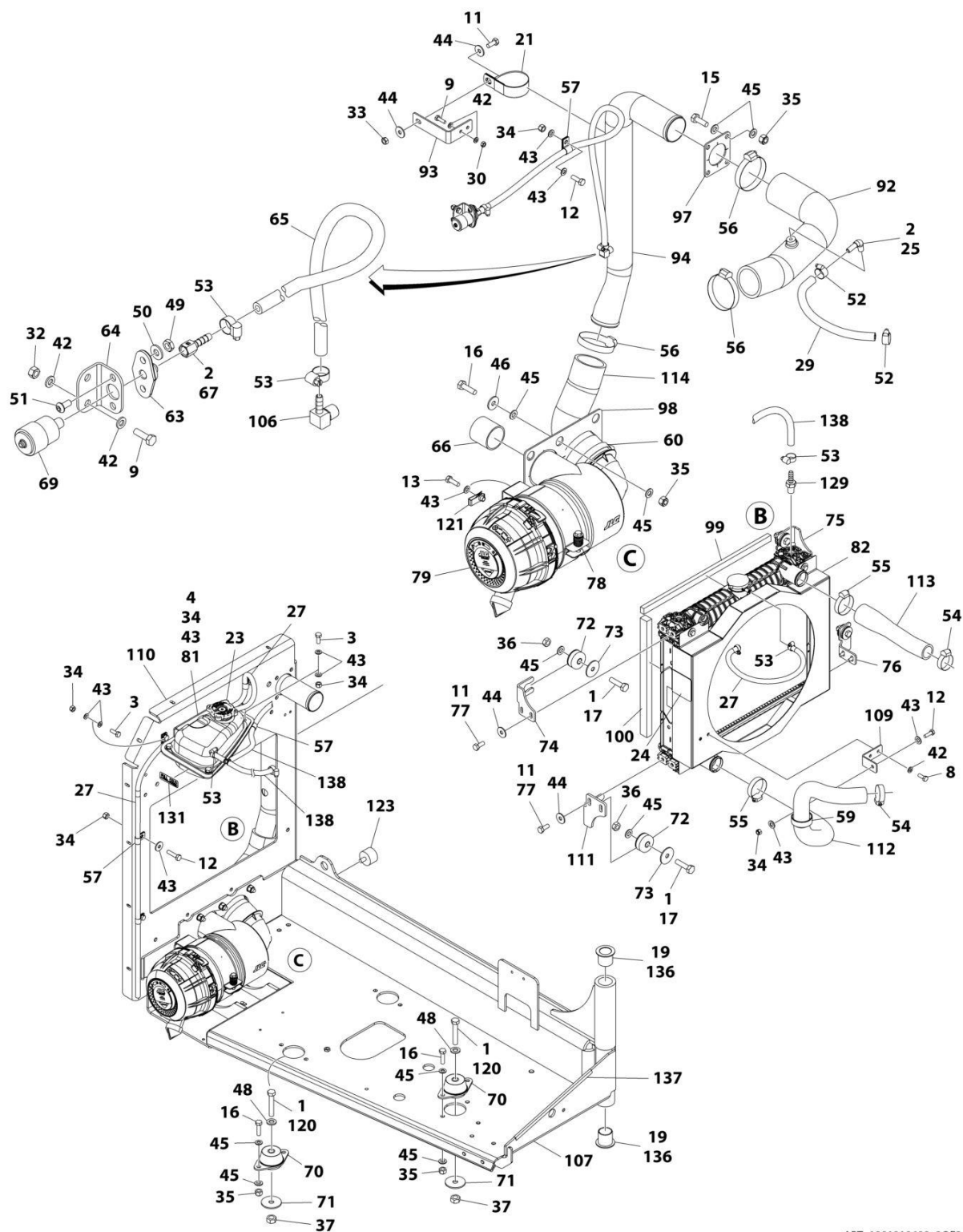
SECTION 3 - ENGINE

FIGURE 3-33. FORD ENGINE ASSEMBLY (WITH ARCTIC PACKAGE)



ART_1001219608_1OF2

SECTION 3 - ENGINE



ART_1001219608_2OF2

SECTION 3 - ENGINE

FIGURE 3-33. FORD ENGINE ASSEMBLY (WITH ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219608	Ref	FORD ENGINE ASSEMBLY	M
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant	
3	0700810	3	Bolt M8 x 20	
4	0700812	7	Bolt M8 x 25	
5	0700814	3	Bolt M8 x 30	
6	0711020	3	Bolt M10 x 60	
8	0760608	2	Bolt M6 x 16	
9	0760610	4	Bolt M6 x 20	
10	0760612	2	Bolt M6 x 25	
11	0760810	11	Bolt M8 x 20	
12	0760812	12	Bolt M8 x 25	
13	0760814	2	Bolt M8 x 30	
14	0760815	2	Bolt M8 x 35	
15	0761014	11	Bolt M10 x 30	
16	0761015	12	Bolt M10 x 35	
17	0761016	4	Bolt M10 x 40	
18	0771014	2	Bolt M10 x 30	
19	0961986	2	Bearing, Flange	
21	1320110	1	Clamp	
22	1001187781	1	Tie-Strap (Not Shown)	
23	1001223584	1	Tank, Surge	
24	1703162	2	Decal - Fan Blade	
25	2180467	1	Fitting, Straight NPT/Barb	
27	2720058	55 in/ 1.5m	Hose	
29	1001165035	10 26cm	Hose	
30	3290601	2	Nut M6	
31	3290605	2	Nut M6	
32	3290607	2	Nut M6	
33	3290801	4	Nut M8	
34	3290805	14	Nut M8	
35	3291005	16	Nut M10	
36	3291001	4	Nut M10	
37	3291201	3	Nut M12	
38	3931640	1	Screw 3/8 x 2-1/2	
39	4031711	4	Capscrew M6 x 35	
40	5272010	1	Bolt M10 x 30	
41	4240099	AR	Tie-Strap (Not Shown)	
42	4811700	18	Washer M6	
43	4811900	48	Washer M8	
44	4811902	10	Washer M8	
45	4812000	38	Washer M10	
46	4812002	6	Washer M10	
47	5241000	16	Washer M10	
48	5241200	3	Washer M12	
49	8305401	2	Nut Jam	
50	8307109	2	Washer	
51	8310548	2	Bolt 1/4 x 1/2	
52	8405006	2	Clamp	

SECTION 3 - ENGINE

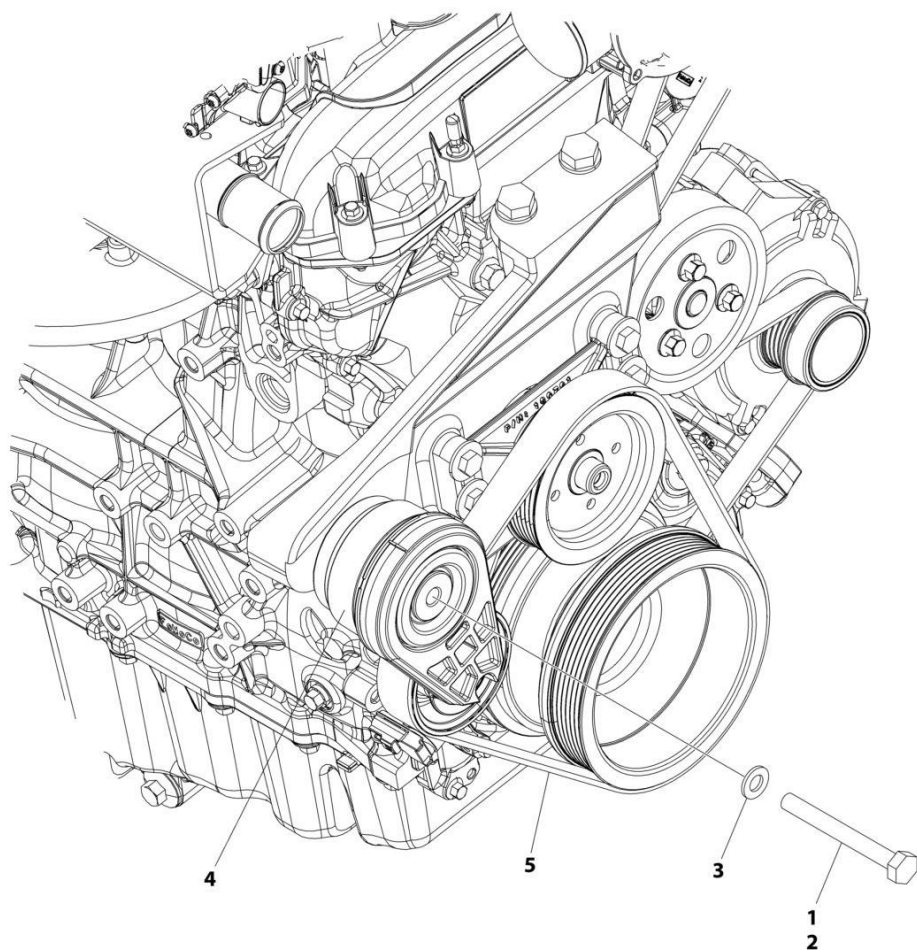
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
53	8405009	5	Gear	
54	8405102	2	Clamp	
55	8405104	2	Clamp	
56	8405203	3	Clamp	
57	8406109	6	Clip	
59	8410001	1	Clamp	
60	8410011	1	Clamp	
61	1001128901	2	Strap	
63	1001138173	1	Support	
64	1001138175	1	Bracket	
65	1001138248	31 in/ 77cm	Tube	
66	1001141585	1	Hose	
67	1001141995	1	Fitting, Straight NPT/Barbed	
69	1001149639	1	Indicator, Restriction	
70	1001191610	3	Mount, Motor	
71	1001168018	3	Washer	
72	1001169054	4	Isolator	
73	1001169138	4	Pad, Snubbing	
74	1001169967	1	Bracket	
75	1001170035	1	Bracket	
76	1001176329	1	Bracket	
77	1001180620	AR	Adhesive	
78	1001186426	1	Clamp	
79	1001189979	1	Air Filter Assembly	
79	70005008	4	Element, Filter - Primary	
79	70006460	4	Element, Filter - Secondary	
79	8273291	1	Valve, Dust Evacuator	
79	70006461	1	Cover	
80	1001223042	1	Fan	
81	1001225442	1	Bracket	
82	1001223923	1	Radiator	
83	1001215681	1	Clamp	
84	1001215974	1	Clamp	
85	1001216075	1	Pipe, Exhaust	
86	1001216092	1	Shield, Heat	
87	1001216201	1	Adapter	
88	1001216393	1	Heater, Block	
89	1001216910	1	Ford Engine Prep Assembly (See Separate Breakdown in this Section)	
90	1001216919	2	Sleeve	
91	1001216995	1	Mount, Engine Rear	
92	1001217032	1	Tube	
93	1001217046	1	Bracket	
94	1001217090	1	Tube	
97	1001217174	1	Seal	
98	1001217175	1	Seal	
99	1001217183	2	Seal	
100	1001217185	2	Seal	
101	1001217186	1	Support	
102	1001217317	1	Pipe	
103	1001217543	2	Mount	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
104	1001218362	1	Mount	
105	1001218449	1	Bracket	
106	1001134488	1	Fitting	
107	1001219259	1	Support	
108	1001219345	1	Muffler	
109	1001219361	1	Support	
110	1001219363	1	Plate	
111	1001219480	1	Bracket	
112	1001219611	1	Hose	
113	1001219612	1	Hose	
114	1001219613	1	Tube	
116	2180418	1	Fitting	
117	1001247359	1	Fitting, 90 FSNPSM/NPTF	
118	2220261	1	Fitting	
120	0711223	3	Bolt M12 x 75	
121	1001221615	2	Nut M8	
122	1001222033	1	Plate	
123	0940070	1	Bumper	
124	1001227666	1	Hose	
125	0711014	5	Bolt M10 x 30	
126	1001224489	1	Hose	
127	8406201	1	Clip	
128	8410009	2	Gear Clamp	
129	2180348	1	Fitting	
130	1001173535	6	Clamp	
131	1001225510	1	Decal	
132	1001216531	1	Hose	
135	1001224486	1	Hose	
136	0100062	AR	Compound Locking	
137	4060805	16 in/ 41cm	Shield	
138	1001227667	1	Hose	

SECTION 3 - ENGINE

FIGURE 3-34. FORD ENGINE DRIVE BELT INSTALLATION (MACHINES WITHOUT GENERATOR)



ART_1001220404

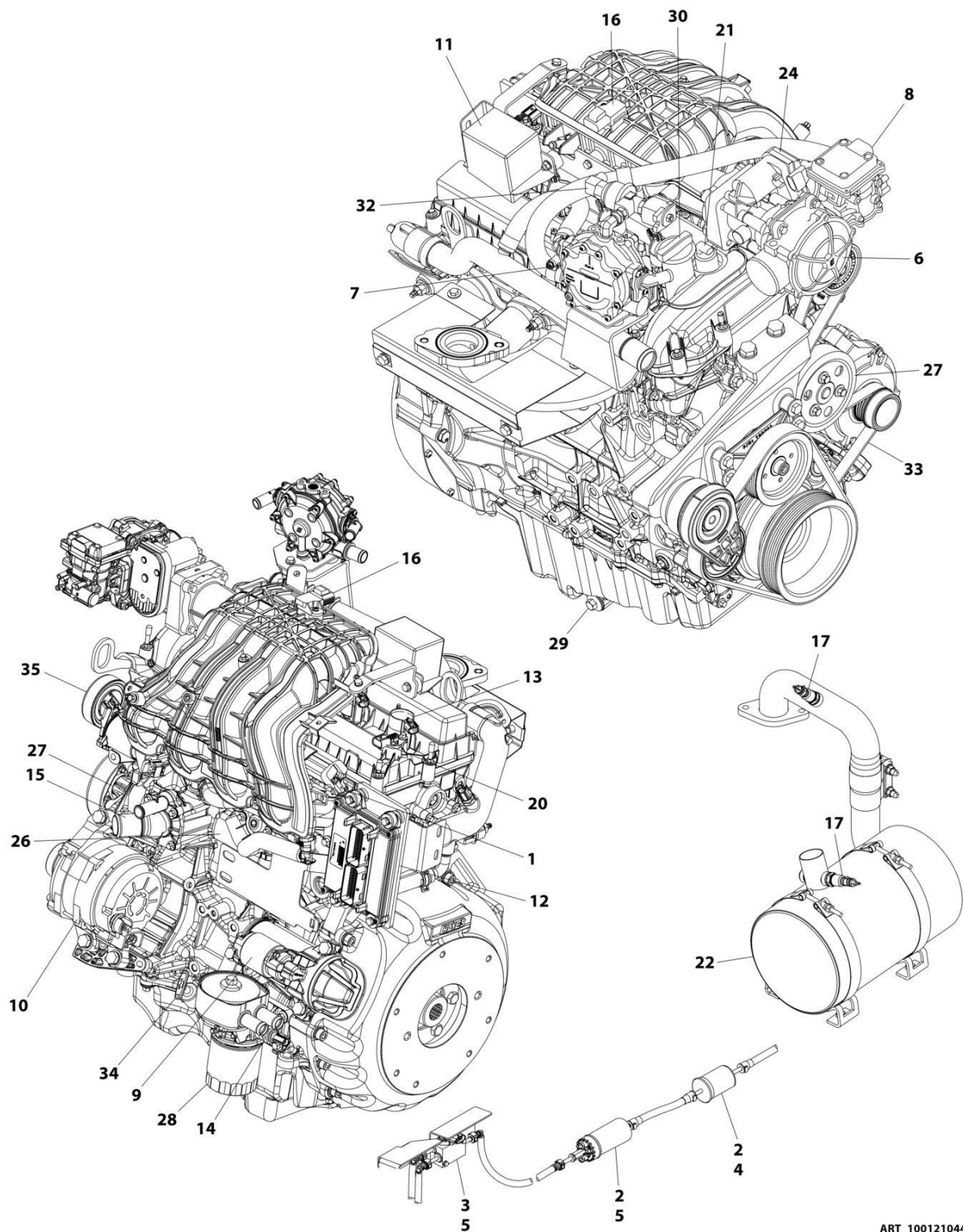
SECTION 3 - ENGINE

FIGURE 3-34. FORD ENGINE DRIVE BELT INSTALLATION (MACHINES WITHOUT GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220404	Ref	DRIVE BELT INSTALLATION	C
1	0100011	AR	Compound, Locking	
2	0701026	1	Bolt M10 x 90	
3	4812002	1	Washer M10	
4	1001216300	1	Pulley	
5	1001216619	1	V-Belt	

SECTION 3 - ENGINE

FIGURE 3-35. FORD ENGINE COMPONENTS



ART_1001210448

FIGURE 3-35. FORD ENGINE COMPONENTS

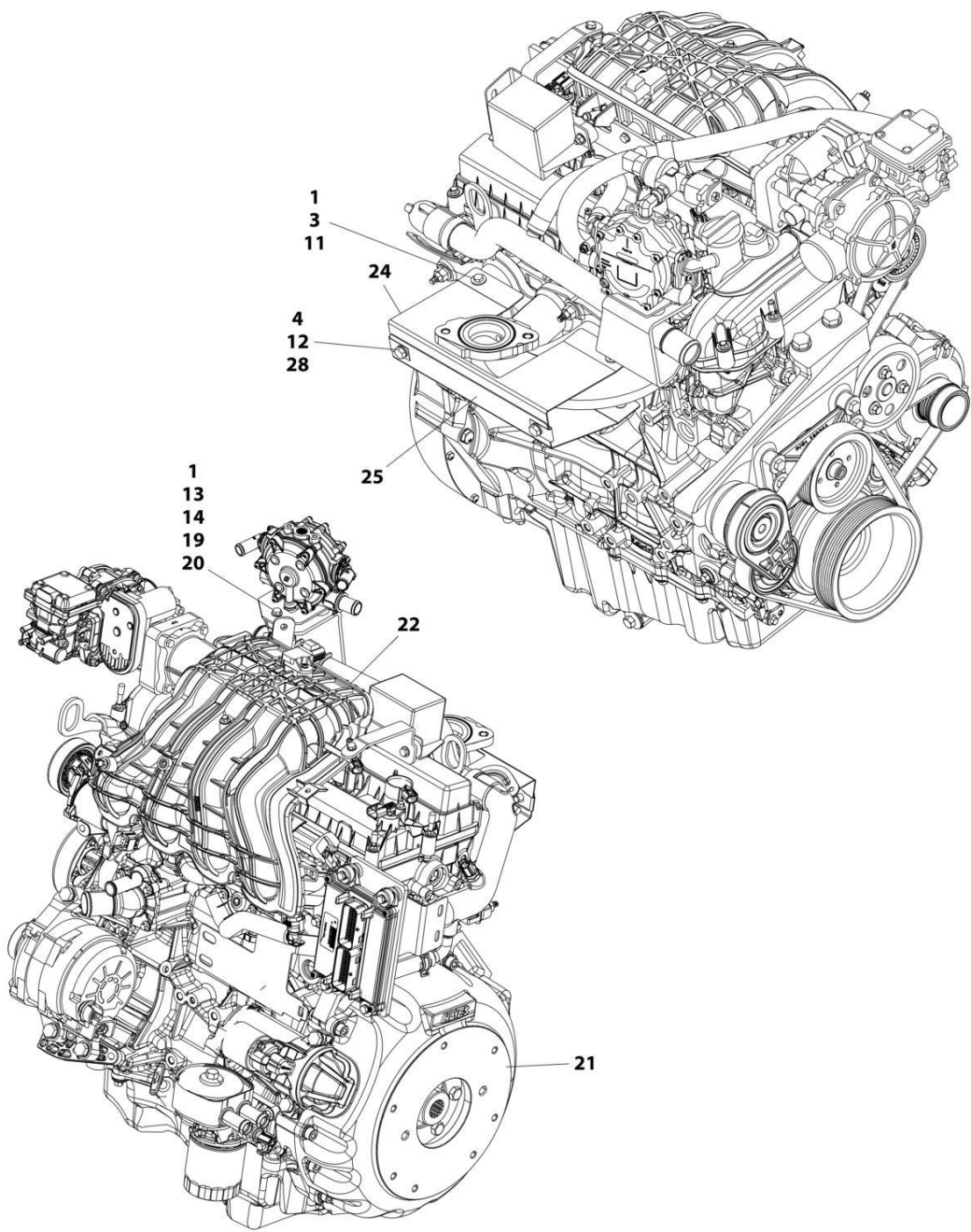
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210448	Ref	FORD ENGINE COMPONENTS	H
1	70006145	4	Injector, Fuel	
1	70006147	1	Rail, Fuel	
2	70006150	1	Pump, Fuel	
2	70006154	1	Fitting M10	
3	70006151	1	Block, Fuel	
3	70006152	2	Fitting SAE6	
3	70006153	1	Fitting SAE3	
3	70006189	1	Harness, Fuel Block	
4	70006155	1	Filter, Fuel	
5	7022162	8	Clamp	
5	70006157	8	Clip, Fuel Quick Disconnect	
6	70006158	1	Mixer, LP	
6	70006168	1	Mixer Diaphragm Replacement Kit	
6	70006159	1	Adapter, Mixer to Governor	
6	70006160	1	O-Ring, Mixer to Adapter	
6	70006161	1	Seal, Mixer to Adapter	
7	70006162	1	Regulator, LP Vapor	
7	70006166	2	Fitting	
7	70006167	1	Fitting, Straight	
7	70006165	2	Isolator, Rubber	
8	70006163	1	Regulator, Direct Electronic Pressure	
8	70006164	1	Adapter, Fitting 90	
9	70006169	1	Starter	
9	70006233	1	Harness, Alternator/Starter	
10	70006170	1	Alternator	
11	70006173	1	Cover, Relay Box	
11	70006171	2	Relay (Fuel Pump & Power)	
11	70006172	1	Relay (Starter)	
11	70006175	1	Fuse - 20Amp (Starter)	
11	70006174	1	Decal - Relay Box Cover	
11	70006188	1	Harness, Engine	
11	70006165	2	Isolator, Rubber	
12	70006176	1	Module - Engine Control Unit (ECU/GCP)	
12	70006191	1	Software & Diagnostic Cable	
13	70006177	4	Coil and Boot Assembly	
13	70006178	4	Plug, Spark	
14	70006179	1	Switch, Oil Pressure	
15	70006180	1	Sensor, Knock	
16	70006181	1	Sensor, TMAP	
17	70006182	2	Sensor, O2	
18	70006183	1	Sensor, Coolant Temperature (Not Shown - Located Rear of Engine Block)	
19	70006184	1	Sensor, Crank Position (Not Shown - Located at Front RH Side of Block)	
20	70006185	1	Sensor, Cam Position	
21	70006186	1	Solenoid, Timing	
21	70006187	1	Grommet, Rubber	
22	70006194	1	Muffler	
22	70006195	1	Plug (Located at Muffler Outlet)	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
23		Ref	Gasket Options (Not Shown)	
23	70006196	1	Gasket, Exhaust Manifold to Head	
23	70006197	1	Gasket, Exhaust Manifold Outlet	
23	70006200	1	Gasket, Intake Manifold to Head	
23	70006219	1	Gasket Set - Camshaft Cover	
23	70006225	1	Gasket, Cylinder Head	
24	70006198	1	Governor	
24	7027404	1	Gasket, Governor Actuator	
24	70006199	1	Gasket, Governor to Intake Manifold Adapter	
25	70006203	1	Flywheel (Not Shown)	
26	70006205	1	Thermostat (Includes Housing)	
26	70006206	1	Gasket, Water Inlet	
27	70006207	1	Pump, Water	
27	70006208	1	O-Ring, Water Pump	
27	See Note	NSS	Pulley, Water Pump (Note: Not Available for Purchase at This Time)	
28	70006213	1	Filter, Oil	
29	70006215	1	Plug, Oil Drain	
29	70006217	1	Gasket, Oil Drain Plug	
30	70006221	1	Cap, Oil Fill	
31	70006232	1	Sensor, Crank (Not Shown)	
32	70006235	1	Valve, Lock-Off (Includes Filter)	
33	70006202	1	Belt	
34	70006236	1	Dipstick	
35	70007108	1	Belt Tensioner	

SECTION 3 - ENGINE

FIGURE 3-36. FORD ENGINE PREP ASSEMBLY



ART_1001216910_F

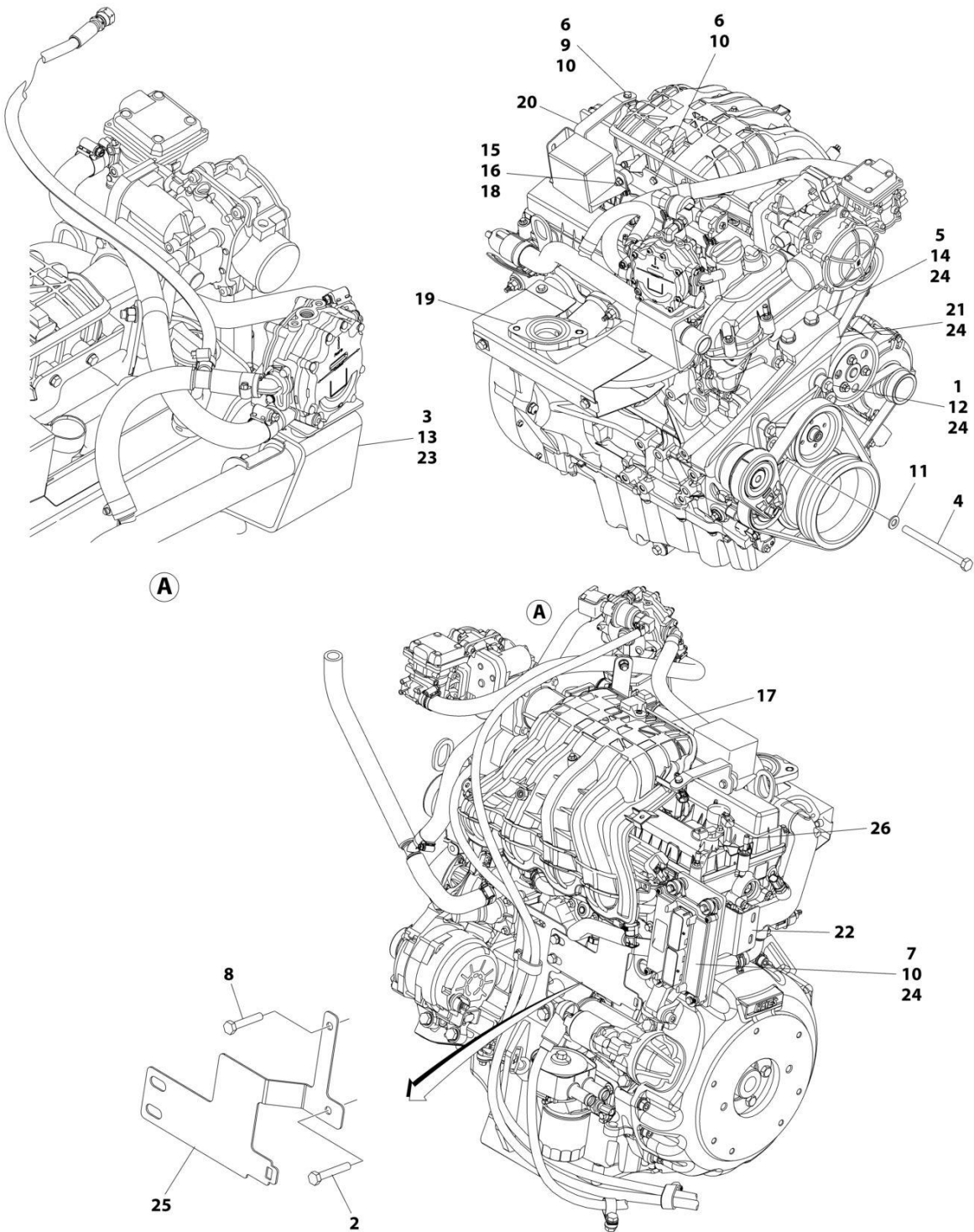
SECTION 3 - ENGINE

FIGURE 3-36. FORD ENGINE PREP ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216910	Ref	FORD ENGINE PREP ASSEMBLY	F
1	0100011	AR	Compound, Locking	
3	0760605	4	Bolt M6 x 10	
4	0760807	2	Bolt M8 x 14	
11	4811702	4	Washer M6	
12	4811900	2	Washer M8	
13	5250605	3	Bolt M6 x 10	
14	5260600	1	Nut M6 Class 10	
19	1001211794	3	Mount, Isolator	
20	1001227769	1	Plate	
21	1001213810	1	Pump Coupling Kit	
21	70006134	1	Coupling	
21	70006135	1	Housing	
21	70006136	1	Hardware Kit	
22	1001216065	1	Ford Engine Assembly (See Separate Breakdown in this Section)	
24	1001216768	1	Bracket	
25	1001216769	1	Bracket	
28	1001149160	2	Nut, Tinnerman M8	

SECTION 3 - ENGINE

FIGURE 3-37. FORD ENGINE BRACKETS AND EXHAUST MANIFOLD INSTALLATION



ART_1001216065

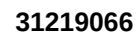
SECTION 3 - ENGINE

FIGURE 3-37. FORD ENGINE BRACKETS AND EXHAUST MANIFOLD INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216065	Ref	FORD ENGINE ASSEMBLY - BRACKETS/EXHAUST MANIFOLD	N
1	0700816	4	Bolt M8 x 40	
2	0700818	1	Bolt M8 x 50	
3	0701014	2	Bolt M10 x 30	
4	0710827	1	Bolt M8 x 100 Grade 10.9	
5	0711216	2	Bolt M12 x 40	
6	0760610	3	Bolt M6 x 20	
7	0760615	4	Bolt M6 x 35	
8	0760817	1	Bolt M8 x 45	
9	3290601	1	Nut M6	
10	4811700	8	Washer M6	
11	4811900	1	Washer M8	
12	4811902	4	Washer M8	
13	4812000	1	Washer M10	
14	4812100	2	Washer M12	
15	5250605	2	Bolt M6 x 10	
16	5260600	2	Nut M6 Class 10	
17	1001210448	1	Engine, Ford 2.5L (See Separate Breakdown in this Section)	
18	1001211794	2	Mount	
19	1001214827	1	Manifold, Exhaust	
20	1001215384	1	Bracket	
21	1001216071	1	Bracket	
22	1001216144	1	Support, Muffler	
23	1001227772	1	Mount, Vaporizer	
24	0100011	AR	Compound, Locking	
25	1001221545	1	Plate	
26	1001222641	6	Cap	

368

800AJ



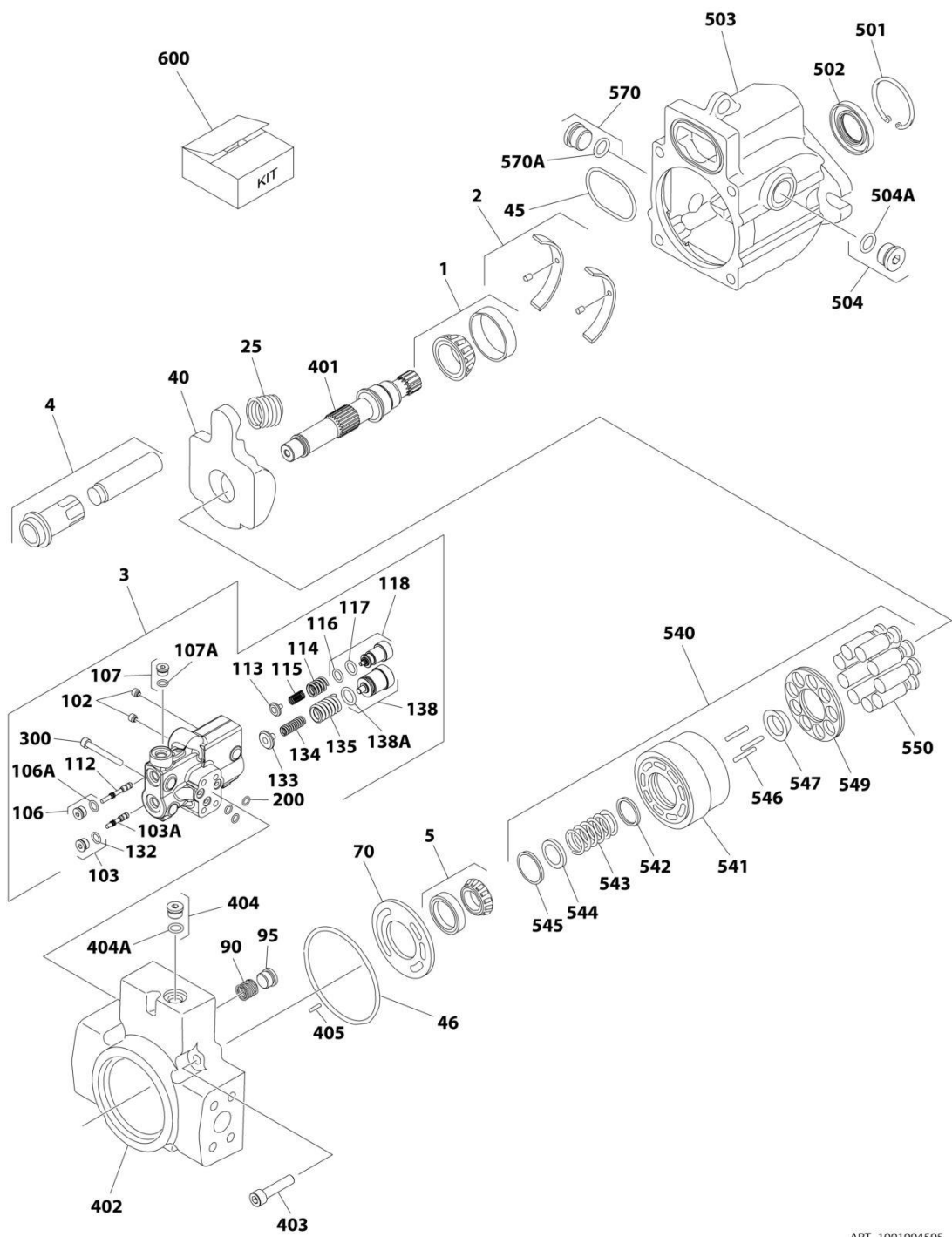
ART_1001225745

FIGURE 3-38. HYDROSTATIC PUMP ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225745	Ref	HYDROSTATIC PUMP ASSEMBLY	A
2	70004329	1	Nut	
3	See Note	NSS	Ring, Retaining (Note: Use Item 100)	
4	See Note	NSS	Ring, Retaining (Note: Use Item 100)	
6	See Note	NSS	Washer, Seal (Note: Use Item 100)	
8	70004331	1	Cylinder Block Assembly	
9	70004332	1	Servo Piston Assembly	
10	70004333	1	Follower, Servo Piston	
11	70005458	1	Cover	
12	See Note	NSS	Gasket, Cover (Note: Use Item 100)	
14	See Note	NSS	Gasket, Housing (Note: Use Item 100)	
16	See Note	NSS	Gasket, Control Housing (Note: Use Item 100)	
17	70005459	1	Cover	
18	70004336	1	Camplate Assembly	
19	7004907	2	Race, Thrust	
20	7004908	1	Bearing, Thrust	
21	70004337	1	Relief Valve Assembly	
22	70004337	1	Relief Valve Assembly	
24	70004338	2	Capscrew	
25	70004338	2	Capscrew	
27	70004340	1	Plate, Valve	
28	See Note	NSS	Housing (Note: Not Available - Purchase Assembly)	
29	70005460	1	End Cover Assembly	
31	70004342	1	Shaft, Drive	
33	See Note	NSS	O-Ring (Note: Use Item 100)	
37	7004906	1	Washer	
38	70005461	1	Plug	
39	70005461	1	Plug	
40	70005462	1	Plug	
43	See Note	NSS	Seal, Shaft (Note: Use Item 100)	
46	70004343	1	Adapter, Charge Pump	
48	70004344	1	Servo Control Assembly	
50	70004345	1	Gerotor	
51	70004346	1	Orifice	
52	70004346	1	Orifice	
53	70004346	1	Orifice	
55	70004347	1	Coupler	
57	70005463	1	Plug	
60	70004348	1	Washer	
61	70004349	8	Washer	
62	70004350	4	Washer	
73	70004351	1	Ring, Retaining	
95	70005464	8	Capscrew	
96	70005465	6	Capscrew	
100	70004352	1	Seal Kit - Pump (Includes Items 3, 4, 6, 12, 14, 16, 33 & 43 and Valve and Plug O-Rings and Seals)	

SECTION 3 - ENGINE

FIGURE 3-39. VARIABLE PUMP ASSEMBLY



ART_1001094595

FIGURE 3-39. VARIABLE PUMP ASSEMBLY

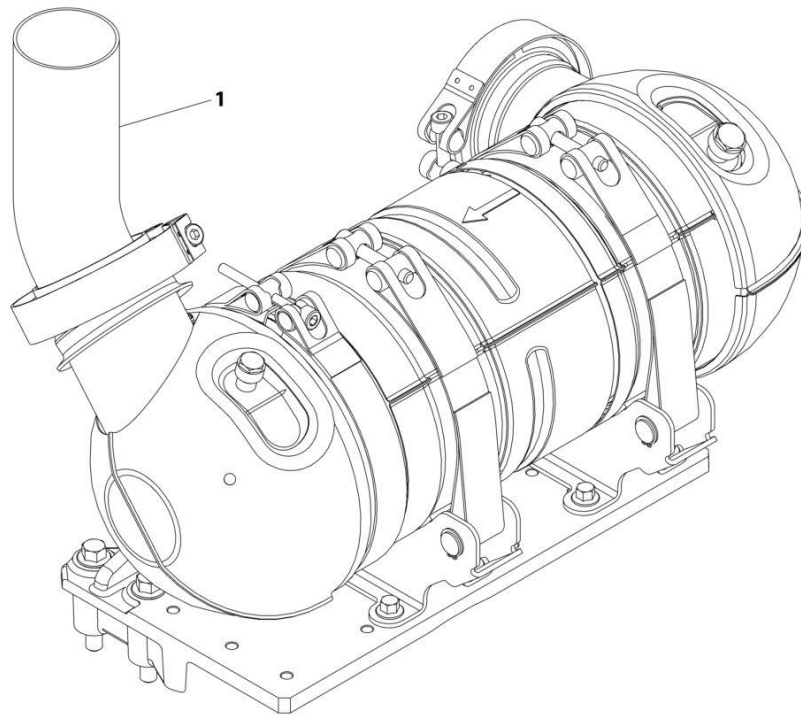
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001094595	Ref	VARIABLE PUMP ASSEMBLY	A
1	7023947	1	Bearing, Front (Includes Cup and Cone)	
2	7023948	1	Bearings, Swash Plate (Includes Both Sides and Pins)	
3	7023956	1	Control Valve Assembly (Includes Items 102-300)	
4	7023949	1	Servo Piston Assembly	
5	7023950	1	Bearing, Rear (Includes Cup and Cone)	
25	7023951	1	Spring	
40	7023952	1	Swash Plate	
45	See Note	NSS	O-Ring (Note: Use Item 600)	
46	See Note	NSS	O-Ring (Note: Use Item 600)	
70	70001954	1	Plate, Valve	
90	70001955	1	Spring, Check Valve	
95	70001956	1	Poppet, Check Valve	
102	See Note	NSS	Setscrew (Note: Use Item 3)	
103	See Note	NSS	Plug (Note: Use Item 3)	
103A	See Note	NSS	O-Ring (Note: Use Item 600)	
106	See Note	NSS	Plug (Note: Use Item 3)	
106A	See Note	NSS	O-Ring (Note: Use Item 600)	
107	See Note	NSS	Plug (Note: Use Item 3)	
107A	See Note	NSS	O-Ring (Note: Use Item 600)	
112	See Note	NSS	Spool, Control (Note: Use Item 3)	
113	See Note	NSS	Guide, Spring (Note: Use Item 3)	
114	See Note	NSS	Spring (Note: Use Item 3)	
115	See Note	NSS	Spring (Note: Use Item 3)	
116	See Note	NSS	O-Ring (Note: Use Item 600)	
117	See Note	NSS	Ring, Back-up (Note: Use Item 600)	
118	See Note	NSS	Plug, Adjusting (Note: Use Item 3)	
132	See Note	NSS	Spool, Control (Note: Use Item 3)	
133	See Note	NSS	Guide, Spring (Note: Use Item 3)	
134	See Note	NSS	Spring (Note: Use Item 3)	
135	See Note	NSS	Spring (Note: Use Item 3)	
138	See Note	NSS	Plug, PC Adjusting (Note: Use Item 3)	
138A	See Note	NSS	O-Ring (Note: Use Item 600)	
200	See Note	NSS	Ring, Seal (Note: Use Item 600)	
300	7023957	4	Screw	
401	7023958	1	Shaft	
402	70001957	1	Cap, End	
403	7023960	4	Screw	
404	7022318	1	Plug	
404A	See Note	NSS	O-Ring (Note: Use Item 600)	
405	7023961	1	Pin	
501	7023962	1	Ring, Retaining	
502	See Note	NSS	Seal, Lip (Note: Use Item 600)	
503	See Note	NSS	Housing (Note: Not Available - Purchase Assembly)	
504	7023964	1	Plug	
504A	7007415	1	O-Ring	
540	7023965	1	Cylinder Block Assembly	
541	See Note	NSS	Block, Cylinder (Note: Use Item 540)	
542	7024868	1	Washer	
543	7024867	1	Spring	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
544	7022314	1	Retainer, Spring	
545	7022311	1	Ring, Retaining	
546	7021275	3	Pin, Slipper	
547	7024864	1	Guide, Slipper	
549	7024866	1	Retainer, Slipper	
550	7023966	9	Piston Assembly	
570	7023964	1	Plug	
570A	7007415	1	O-Ring	
600	7023967	1	Seal Kit - Complete (Includes Items 45, 46, 103A, 106A, 107A, 118, 138A, 200, 444A & 502)	

SECTION 3 - ENGINE

FIGURE 3-40. EXHAUST PIPE INSTALLATION - DEUTZ TD2.9L4 ENGINES AND DEUTZ TD2.9L4 (STAGE V PRE-BUY) ENGINES



ART_1001216220

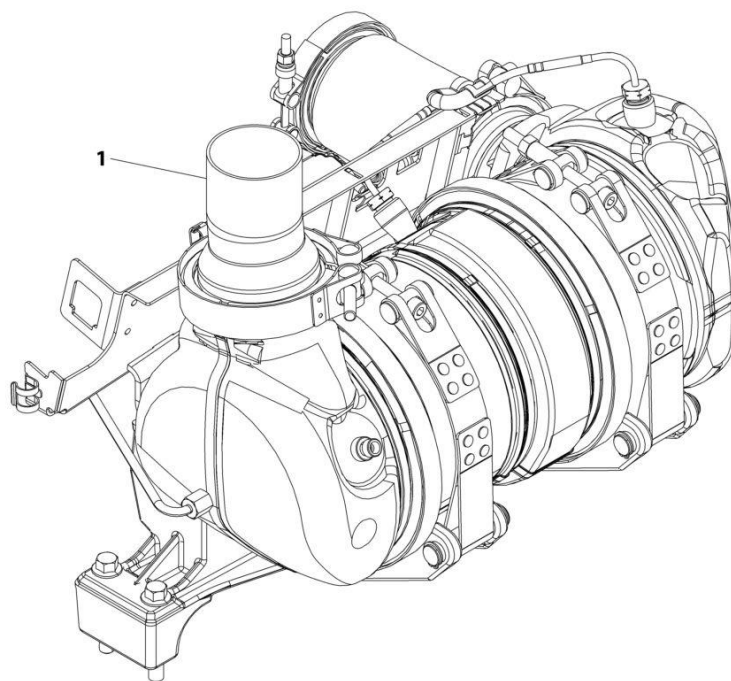
SECTION 3 - ENGINE

**FIGURE 3-40. EXHAUST PIPE INSTALLATION - DEUTZ TD2.9L4 ENGINES AND DEUTZ TD2.9L4
(STAGE V PRE-BUY) ENGINES**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001216220	Ref	EXHAUST PIPE INSTALLATION	A
	1001149908	1	Pipe, Exhaust	

SECTION 3 - ENGINE

FIGURE 3-41. EXHAUST PIPE INSTALLATION - DEUTZ TD2.9L4 (STAGE V) ENGINES



ART_1001236334

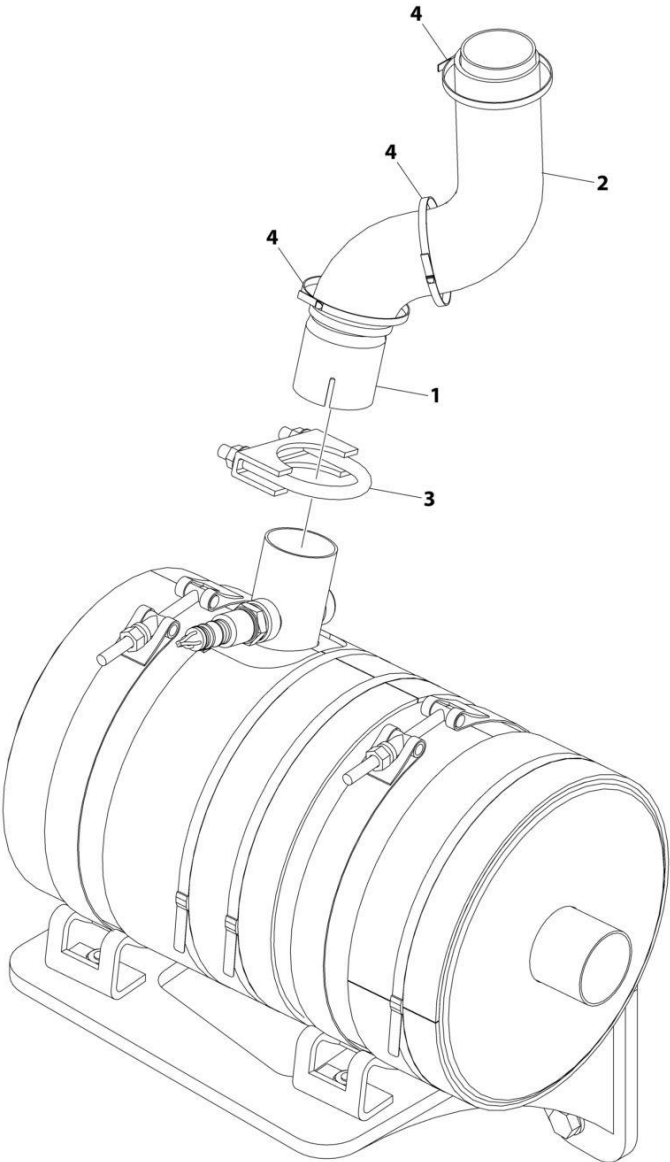
SECTION 3 - ENGINE

FIGURE 3-41. EXHAUST PIPE INSTALLATION - DEUTZ TD2.9L4 (STAGE V) ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001236334	Ref	EXHAUST PIPE INSTALLATION	B
	1001236335	1	Pipe, Exhaust	

SECTION 3 - ENGINE

FIGURE 3-42. EXHAUST PIPE INSTALLATION - FORD ENGINES



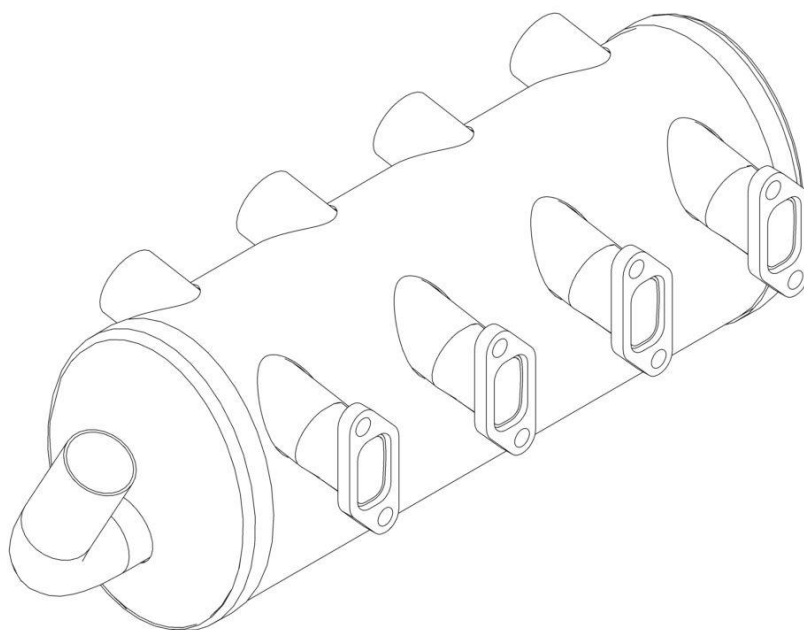
ART_1001220141

FIGURE 3-42. EXHAUST PIPE INSTALLATION - FORD ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220141	Ref	EXHAUST PIPE INSTALIATION	B
1	1001217478	1	Tail Pipe	
1	1001217477	1	Tail Pipe with Spark Arrestor	
2	1001218089	1	Insulate	
3	1001221397	1	Clamp	
4	1001100825	3	Strap	

SECTION 3 - ENGINE

FIGURE 3-43. SPARK ARRESTOR MUFFLER INSTALLATION - DEUTZ D2011 ENGINES



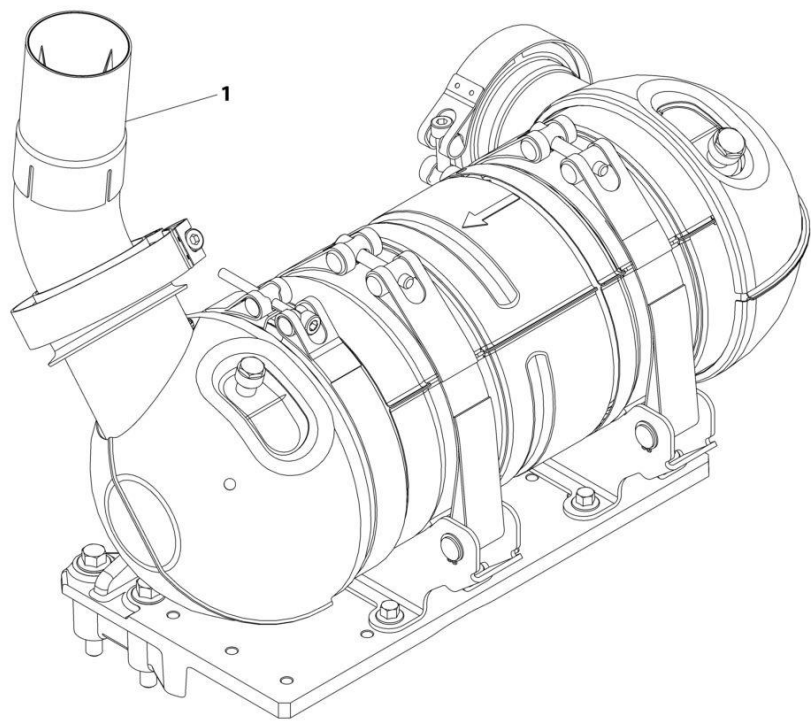
ART_1001257283

FIGURE 3-43. SPARK ARRESTOR MUFFLER INSTALLATION - DEUTZ D2011 ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257283 See Note	Ref 1	MUFFLER INSTALLATION SPARK ARRESTOR Muffler, (Note: Use P/N 1001257283)	A

SECTION 3 - ENGINE

FIGURE 3-44. SPARK ARRESTOR MUFFLER INSTALLATION - DEUTZ TD2.9L4 ENGINES



ART_1001145750

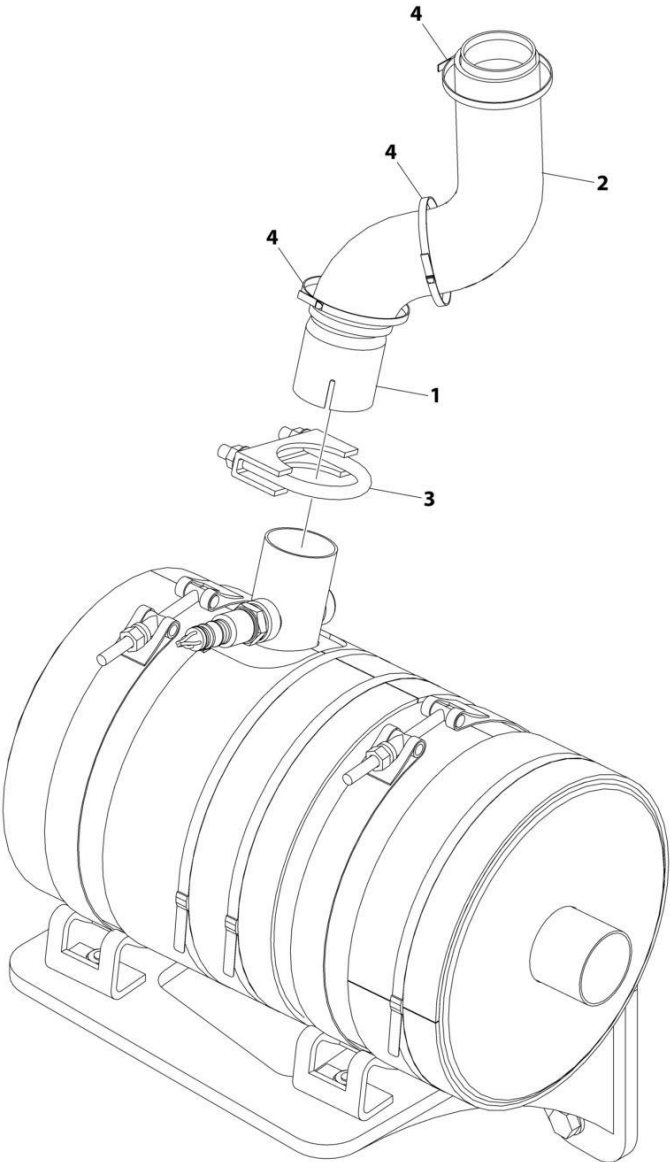
SECTION 3 - ENGINE

FIGURE 3-44. SPARK ARRESTOR MUFFLER INSTALLATION - DEUTZ TD2.9L4 ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001145750	Ref	EXHAUST PIPE INSTALLATION	B
	1001145751	1	Pipe, Exhaust with Spark Arrester	

SECTION 3 - ENGINE

FIGURE 3-45. SPARK ARRESTOR MUFFLER INSTALLATION - FORD ENGINES



ART_1001219906

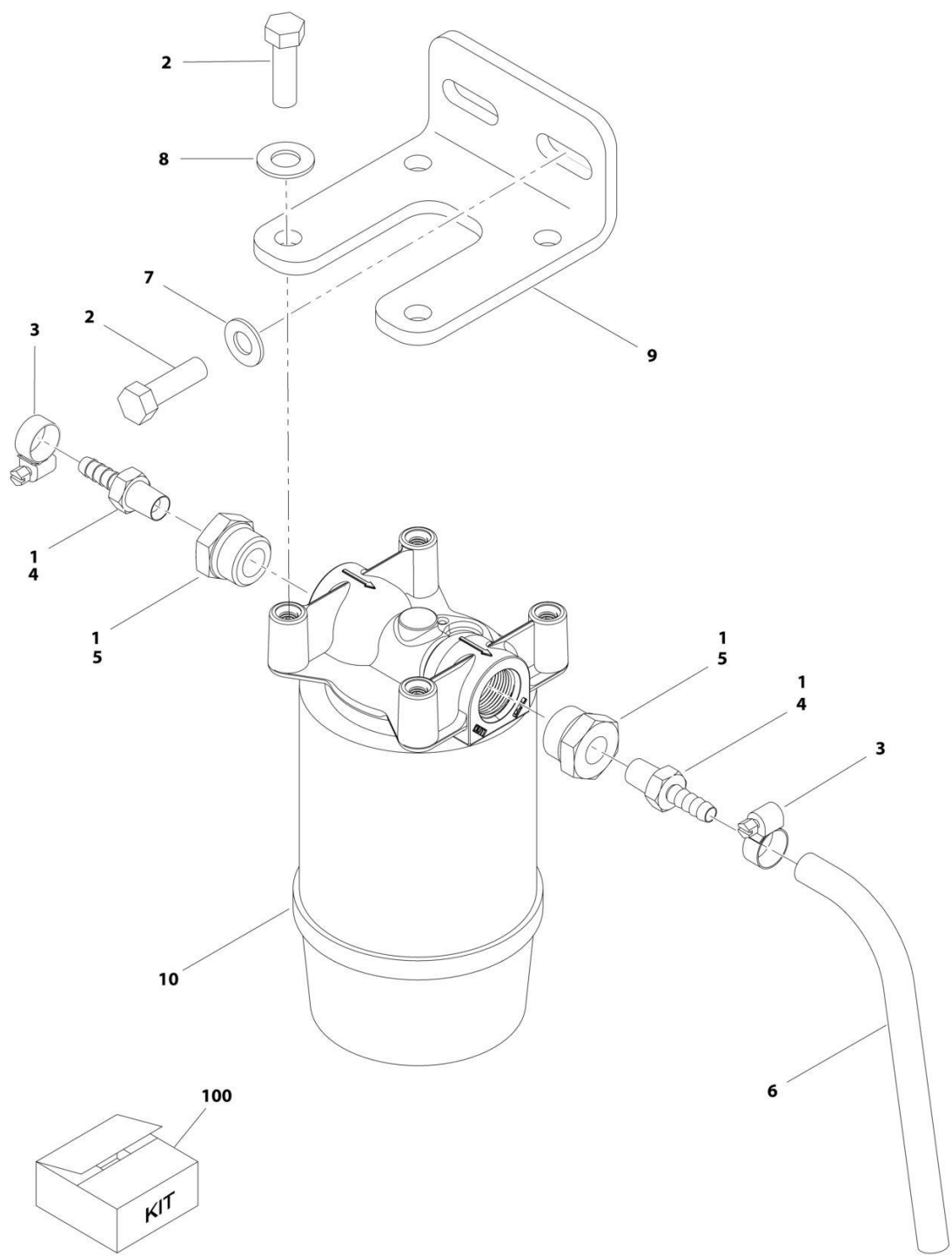
SECTION 3 - ENGINE

FIGURE 3-45. SPARK ARRESTOR MUFFLER INSTALLATION - FORD ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219906	Ref	EXHAUST PIPE INSTALLATION	B
1	1001217477	1	Tail Pipe	
2	1001218089	1	Insulate	
3	1001221397	1	Clamp	
4	1001100825	3	Strap	

SECTION 3 - ENGINE

FIGURE 3-46. FUEL-WATER SEPARATOR INSTALLATION - DEUTZ D2011 ENGINES



ART_1001199733

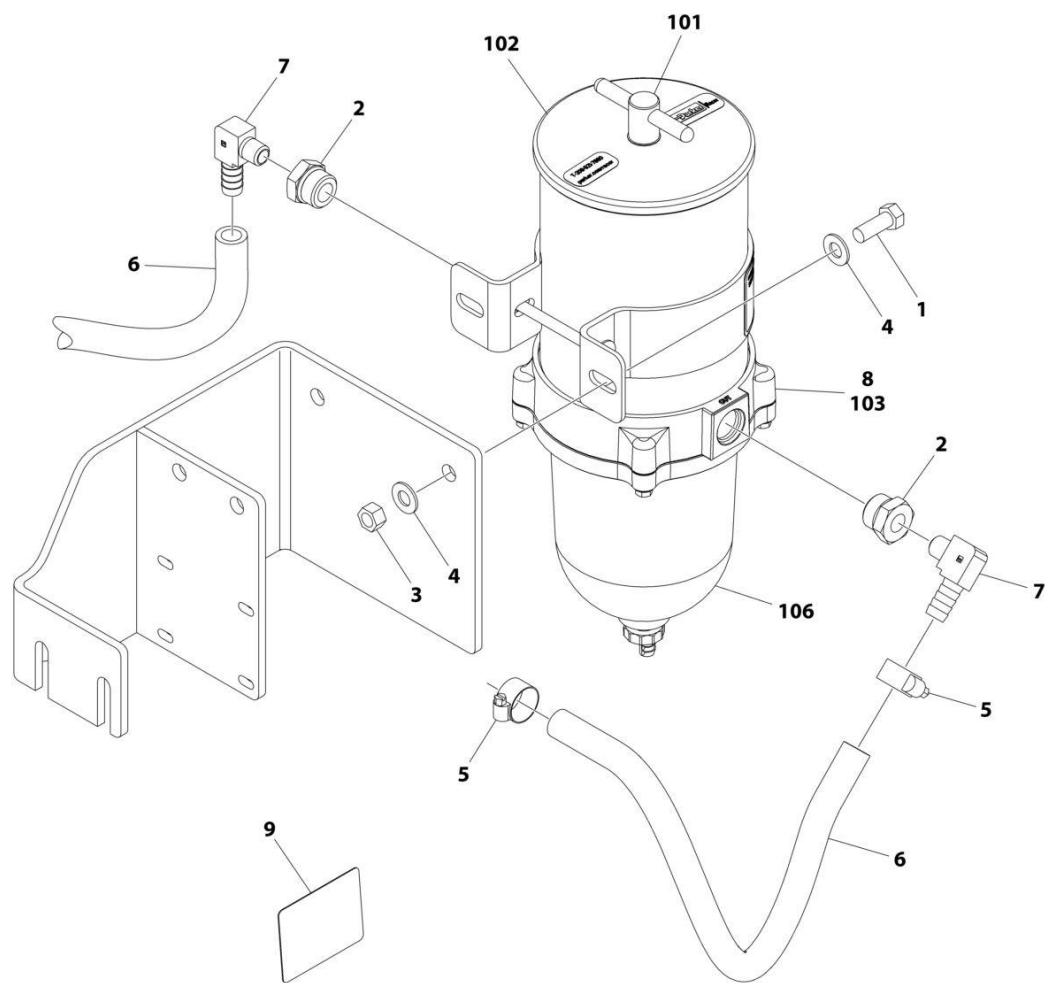
SECTION 3 - ENGINE

FIGURE 3-46. FUEL-WATER SEPARATOR INSTALLATION - DEUTZ D2011 ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199733	Ref	FUEL-WATER SEPARATOR INSTALLATION - DEUTZ TD2011 (OPTIONAL)	A
1	0100079	1	Sealant	
2	0641610	6	Bolt 3/8 X 1-1/4	
3	1320022	2	Clamp	
4	2180348	2	Fitting, Straight	
5	2220816	2	Fitting, Straight	
6	2720058	35 in/ 89cm	Hose	
7	4711600	2	Washer 3/8	
8	4711700	4	Washer 7/16	
9	1001188884	1	Bracket	
10	1001188887	1	Fuel/Water Separator Assembly	
10	1001202280	1	Head	
10	1001202281	1	Element	
100	1001204667	1	Water/Separator Add-On Kit	

SECTION 3 - ENGINE

FIGURE 3-47. FUEL-WATER SEPARATOR INSTALLATION - DEUTZ TD2.9L4 ENGINES



NOTE : LOCATED ON HOOD

ART_1001230032

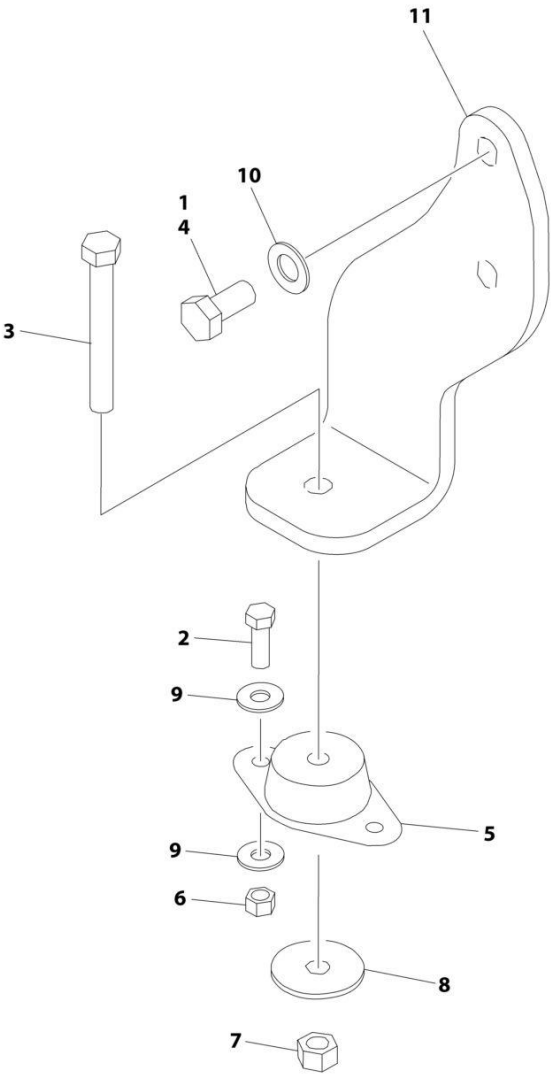
SECTION 3 - ENGINE

FIGURE 3-47. FUEL-WATER SEPARATOR INSTALLATION - DEUTZ TD2.9L4 ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230032	Ref	FUEL FILTER INSTALLATION	A
1	0641608	2	Bolt 3/8 x 1	
2	2220816	2	Fitting, Straight NPT	
3	3311605	2	Nut 3/8	
4	4711600	4	Washer 3/8	
5	8405006	2	Clamp	
6	1001154405	54 in/ 1.65m	Hose	
7	1001178797	2	Fitting, 90	
8	1001222817	1	Fuel Filter Assembly (See Items 101-107 for Breakdown)	
9	1001226923	1	Decal - Fuel Water Separator	
	1001222817	Ref	FUEL FILTER ASSEMBLY	
101	70006403	1	T-Handle Kit (Includes O-Ring)	
102	70006404	1	Lid Kit (Includes Gasket)	
103	70006405	1	Element	
104	70006406	1	Checkball & Gasket Kit (Not Shown)	
105	70006407	1	Centrifuge and Baffle Kit (Not Shown)	
106	70006409	1	Bowl Kit (Includes Gasket, O-Ring and Drain)	
106	70006408	1	Gasket, Bowl	
107	70006410	1	Bowl Ring Kit (Includes Gasket & Hardware) (Not Shown)	

SECTION 3 - ENGINE

FIGURE 3-48. RIGHT ENGINE SUPPORT INSTALLATION (DEUTZ D2011 ENGINES MACHINES WITHOUT GENERATORS)



ART_1001151253

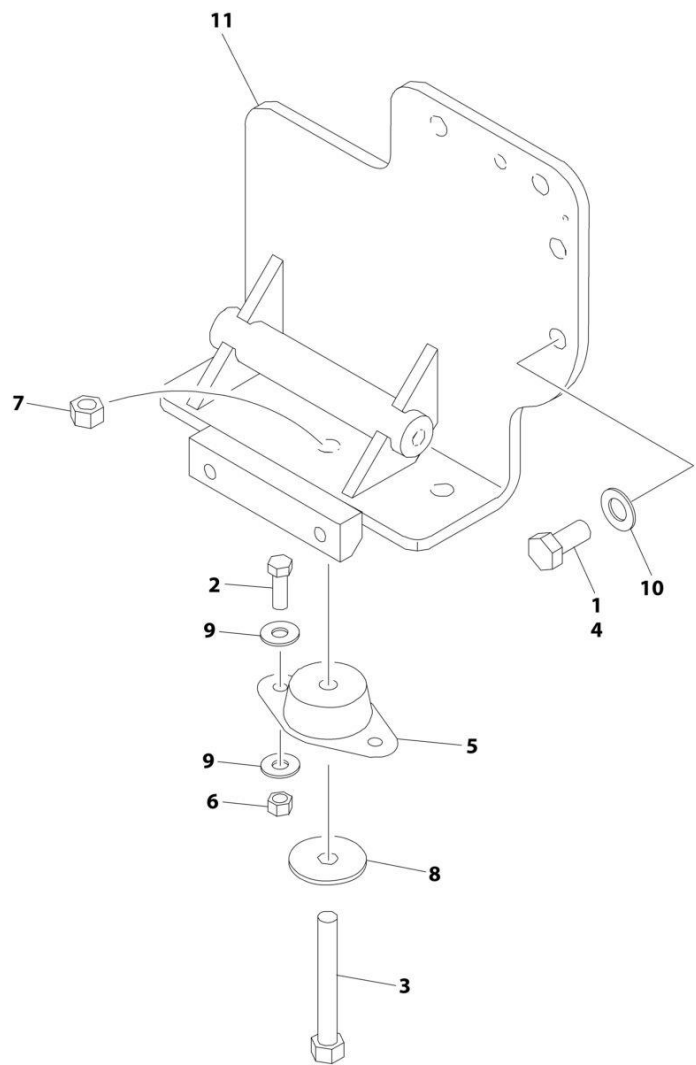
SECTION 3 - ENGINE

FIGURE 3-48. RIGHT ENGINE SUPPORT INSTALLATION (DEUTZ D2011 ENGINES MACHINES WITHOUT GENERATORS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001151253	Ref	RIGHT ENGINE SUPPORT INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641609	2	Bolt 3/8 x 1-1/8	
3	0641820	1	Bolt 1/2 x 2-1/2	
4	0711414	2	Bolt M14 x 30 Grade 10.9	
5	3200401	1	Mount, Motor	
6	3311605	2	Nut 3/8	
7	3311805	1	Nut 1/2	
8	4740274	1	Washer	
9	4751600	4	Washer 3/8	
10	4812200	2	Washer M14	
11	1001149703	1	Support, Engine (Right Front)	

SECTION 3 - ENGINE

FIGURE 3-49. RIGHT ENGINE SUPPORT INSTALLATION (DEUTZ D2011 ENGINES MACHINES WITH GENERATORS)



ART_1001151252

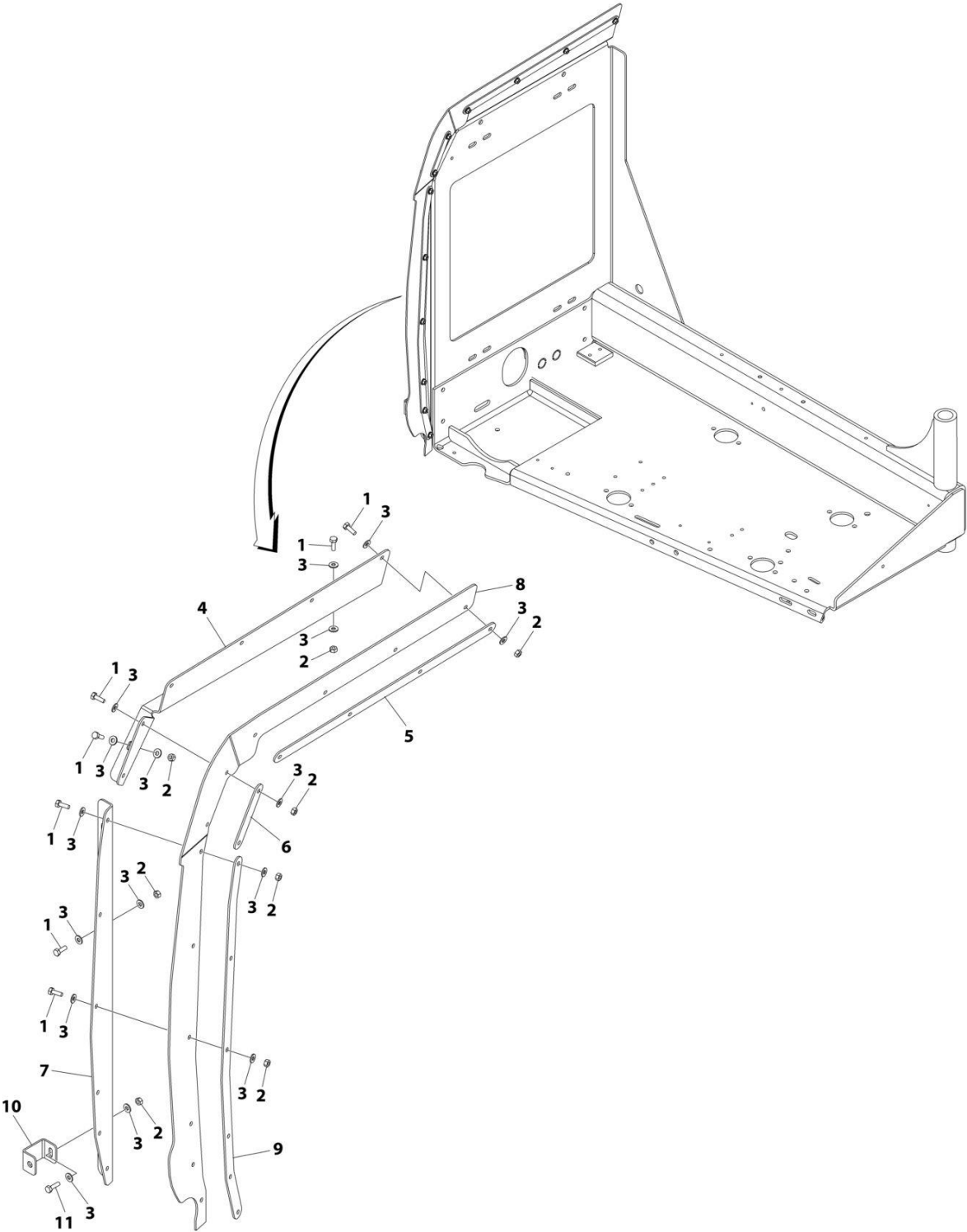
SECTION 3 - ENGINE

FIGURE 3-49. RIGHT ENGINE SUPPORT INSTALLATION (DEUTZ D2011 ENGINES MACHINES WITH GENERATORS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001151252	Ref	RIGHT ENGINE SUPPORT INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0641609	2	Bolt 3/8 x 1-1/8	
3	0641818	1	Bolt 1/2 x 2-1/2	
4	0711414	3	Bolt M14 x 30 Grade 10.9	
5	3200401	1	Mount, Motor	
6	3311605	2	Nut 3/8	
7	3311805	1	Nut 1/2	
8	4740274	1	Washer	
9	4751600	4	Washer 3/8	
10	4812200	3	Washer M14	
11	1001150890	1	Support, Engine (Right Front)	

SECTION 3 - ENGINE

FIGURE 3-50. ENGINE HOOD Baffle INSTALLATION - DEUTZ TD2.9L4 ENGINES, DEUTZ TD2.9L4 (STAGE V PRE-BUY) ENGINES AND DEUTZ TD2.9L4 (STAGE V) ENGINES WITH ABS HOODS



ART_1001143484

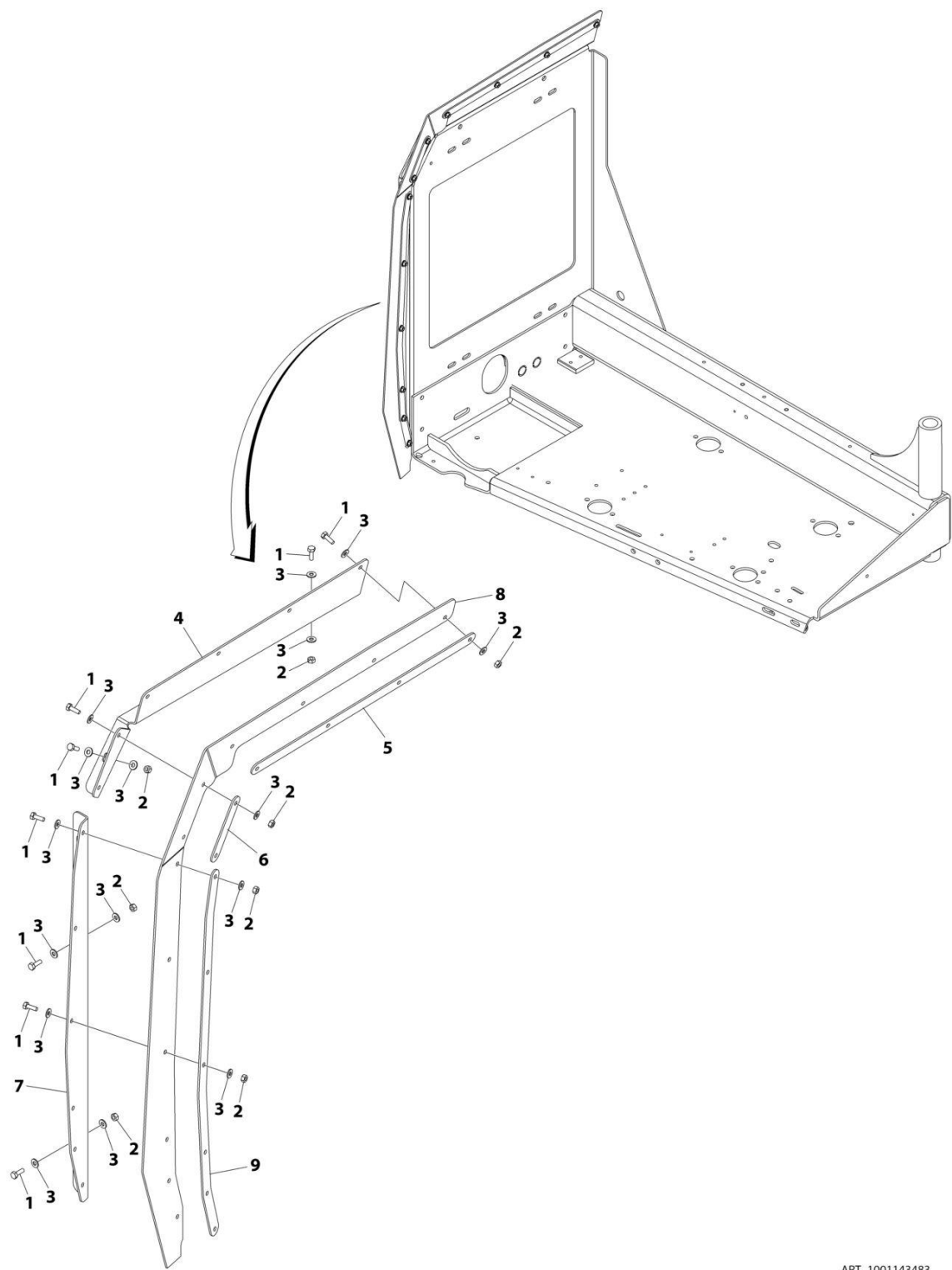
SECTION 3 - ENGINE

FIGURE 3-50. ENGINE HOOD Baffle INSTALLATION - DEUTZ TD2.9L4 ENGINES, DEUTZ TD2.9L4 (STAGE V PRE-BUY) ENGINES AND DEUTZ TD2.9L4 (STAGE V) ENGINES WITH ABS HOODS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001143484	Ref	BAFFLES INSTALLATION (ABS HOODS)	C
1	0641406	18	Bolt 1/4 x 3/4	
2	3311405	19	Nut 1/4	
3	4711400	38	Washer 1/4	
4	1001174745	1	Bracket	
5	1001142031	1	Bracket	
6	1001142032	1	Bracket	
7	1001143449	1	Bracket	
8	1001195967	1	Baffle	
9	1001143525	1	Bracket	
10	1001143860	1	Bracket, Bumper	
11	0641407	1	Bolt 1/4 x 78	

SECTION 3 - ENGINE

FIGURE 3-51. ENGINE HOOD Baffle INSTALLATION - DEUTZ TD2.9L4 ENGINES WITH STEEL HOODS



ART_1001143483

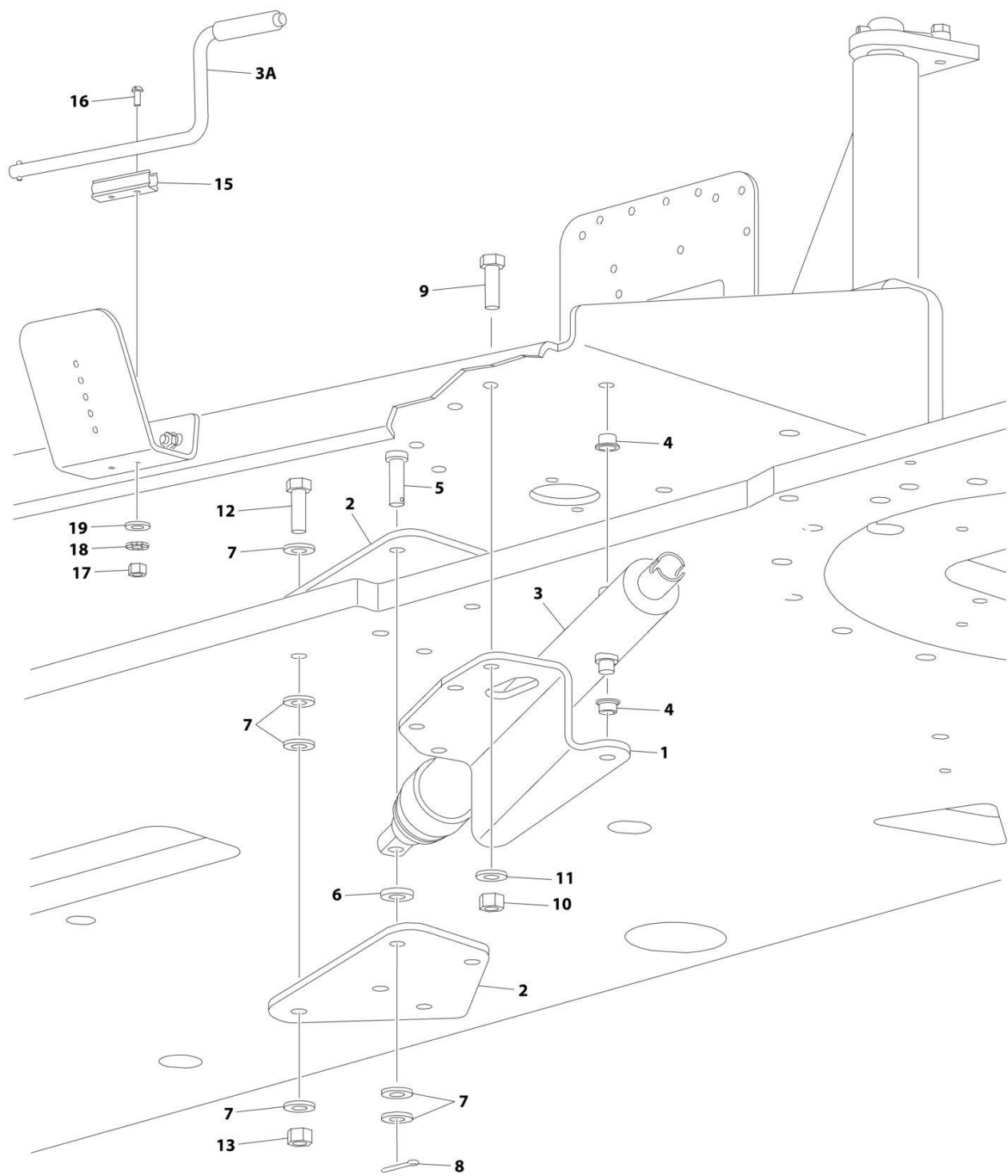
SECTION 3 - ENGINE

FIGURE 3-51. ENGINE HOOD BAFFLE INSTALLATION - DEUTZ TD2.9L4 ENGINES WITH STEEL HOODS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001143483	Ref	BAFFLES INSTALLATION (STEEL HOODS)	B
1	0641406	19	Bolt 1/4 x 3/4	
2	3311405	19	Nut 1/4	
3	4711400	38	Washer 1/4	
4	1001174745	1	Bracket	
5	1001142031	1	Bracket	
6	1001142032	1	Bracket	
7	1001143449	1	Bracket	
8	1001174746	1	Baffle	
9	1001143525	1	Bracket	

SECTION 3 - ENGINE

FIGURE 3-52. ENGINE TRAY JACK INSTALLATION - DEUTZ ENGINES



ART_0258728

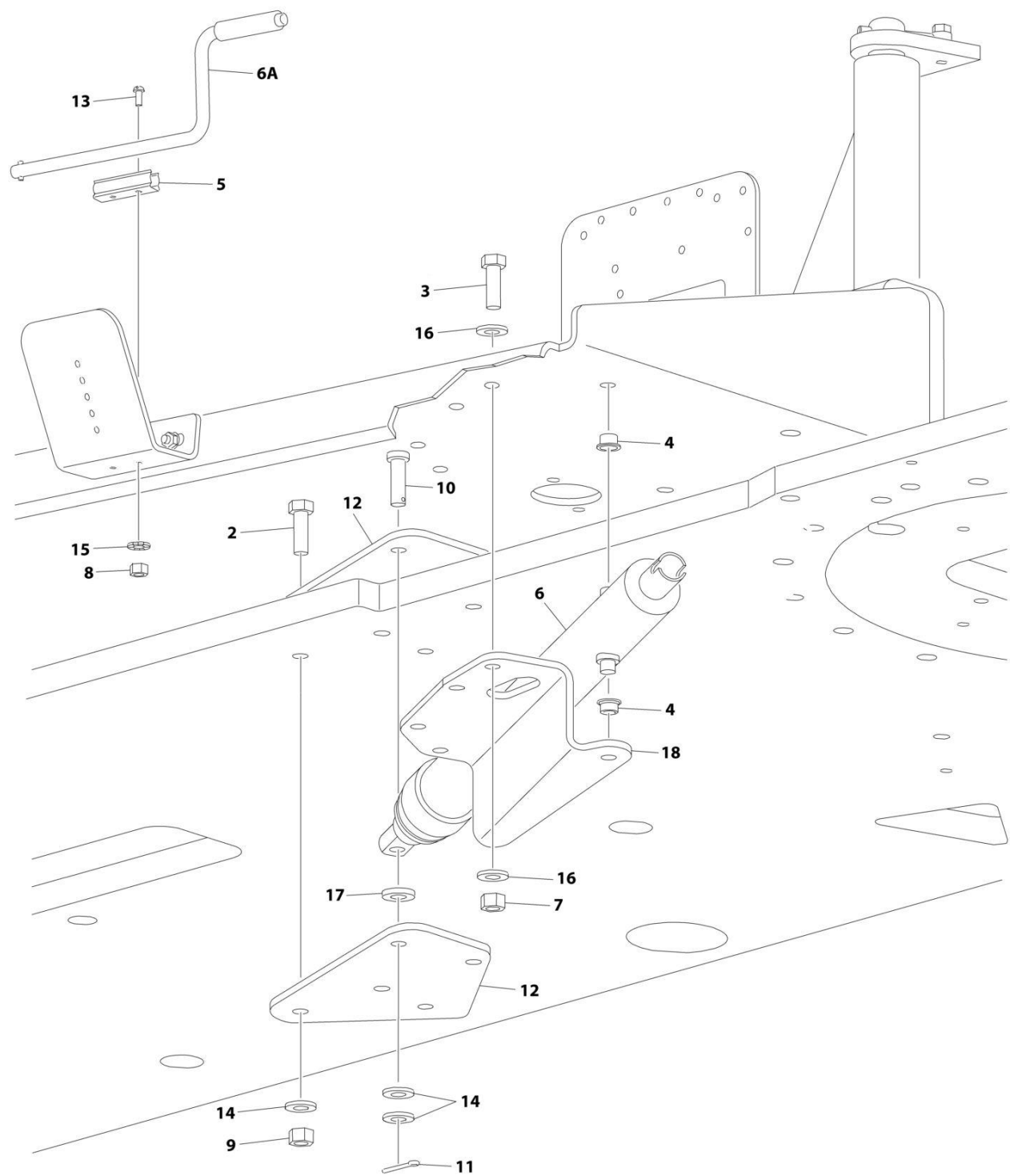
SECTION 3 - ENGINE

FIGURE 3-52. ENGINE TRAY JACK INSTALLATION - DEUTZ ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0258728	Ref	ENGINE TRAY JACK INSTALLATION	2-C
1	3537445	1	Bracket	F
2	3537446	2	Bracket	
3	2840016	1	Jack and Handle Assembly	
3A	7024598	1	Handle	
4	0962051	2	Bearing, Flange	
5	3430816	1	Pin, Clevis	
6	4891800	1	Washer 1/2	
7	4711800	6	Washer 1/2	
8	3450404	1	Pin, Cotter 1/8 x 1	
9	0641609	4	Bolt 3/8 x 1-1/8	
10	3311605	4	Nut 3/8	
11	4891600	4	Washer 3/8	
12	0641818	4	Bolt 1/2 x 2-1/4	
13	3311805	4	Nut 1/2	
15	1380147	1	Clip, Spring	
16	3910608	2	Screw #6 x 1	
17	3310601	2	Nut #6	
18	4770600	2	Washer #6	
19	4740119	2	Washer	

SECTION 3 - ENGINE

FIGURE 3-53. ENGINE TRAY JACK INSTALLATION - FORD ENGINES



ART_1001219881

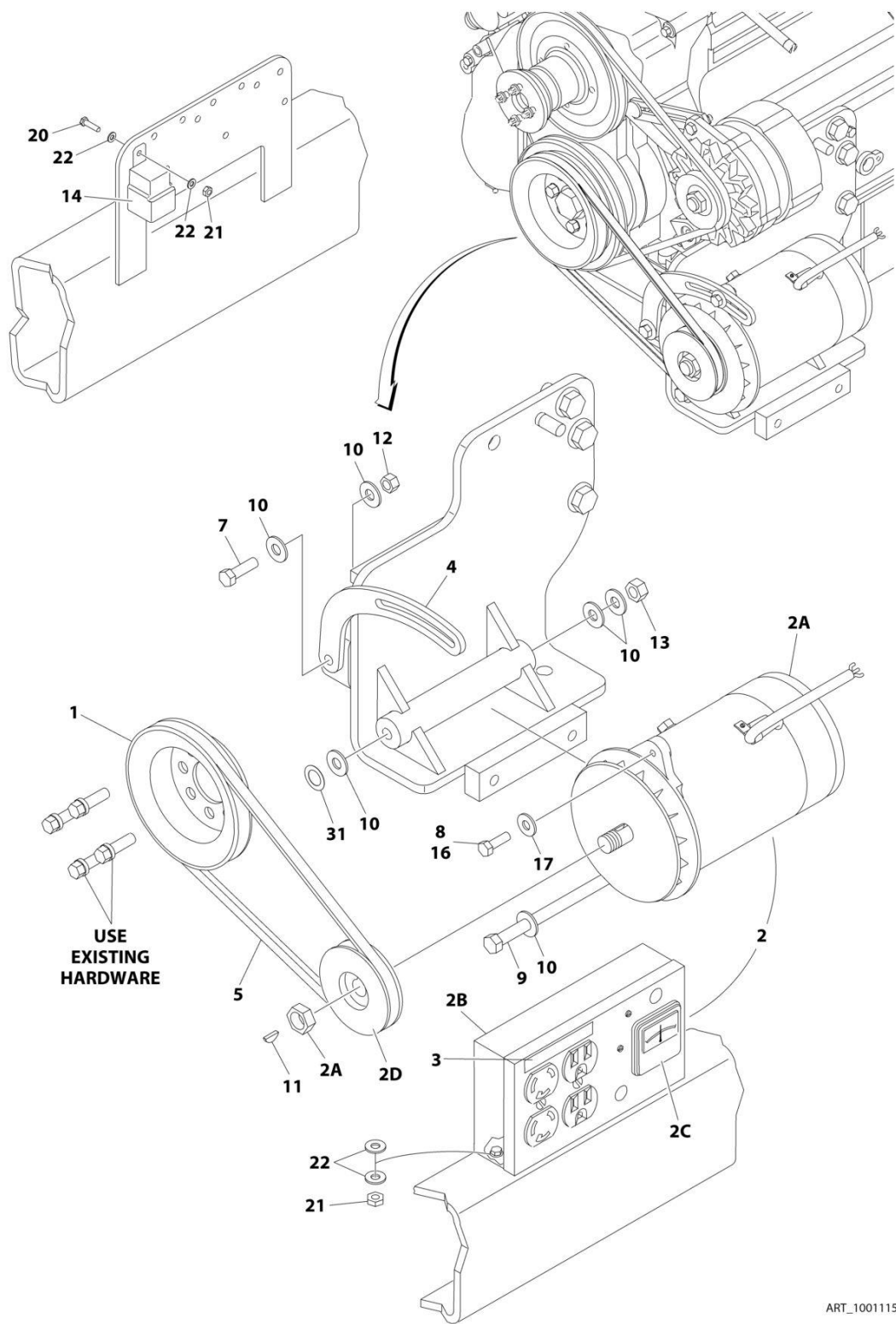
SECTION 3 - ENGINE

FIGURE 3-53. ENGINE TRAY JACK INSTALLATION - FORD ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219881	Ref	ENGINE TRAY JACK INSTALLATION	B
2	0641818	4	Bolt 1/2 x 2-1/4	F
3	0761014	3	Bolt M10 x 30	
4	0962051	2	Bearing, Flange	
5	1380147	1	Clip, Spring	
6	2840016	1	Jack and Handle Assembly	
6A	7024598	1	Handle	
7	3291007	3	Nut M10	
8	3310601	2	Nut #6-32	
9	3311805	4	Nut 1/2-13	
10	3430816	1	Pin, Clevis	
11	3450404	1	Pin, Cotter 1/8 x 1	
12	3537446	2	Bracket	
13	3910608	2	Screw #6-32 x 1	
14	4711800	6	Washer 1/2	
15	4770600	2	Washer #6	
16	4812000	6	Washer M10	
17	4891800	1	Washer 1/2	
18	1001218547	1	Bracket	

SECTION 3 - ENGINE

FIGURE 3-54. 2500W/110V/60HZ GENERATOR INSTALLATION - DEUTZ D2011 ENGINES



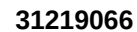
SECTION 3 - ENGINE

FIGURE 3-54. 2500W/110V/60HZ GENERATOR INSTALLATION - DEUTZ D2011 ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001115405	Ref	2500W GENERATOR INSTALLATION - 110V/60Hz	B
1	3580158	1	Pulley	
2	2460055	1	Generator and Control Box Assembly:	
2A	7012558	1	Generator Only - 110V/60Hz	
2A		Ref	Note: Replacement Generators come standard with p/n 3580134 pulley. This pulley may not be correct for all applications. Refer to pulley options below.	
2A	7026199	1	Armature with Slip Rings	
2A	7012513	4	Cap, Brush Holder	
2A	7020108	4	Brush	
2A	7020109	4	Holder, Brush	
2A	7012514	1	Fan	
2A	7020110	1	Bell, Front	
2A	7020111	1	Bell, Rear	
2A	7020190	1	Bearing	
2B	7019680	1	Box, Control	
2B		Ref	Receptacle Options:	
2B	4460190	1	Receptacle, Standard	
2B	4460027	1	Receptacle, Twistlock	
2B	4360542	1	Breaker, Circuit	
2B	3520028	1	Plug, Hole	
2C	2420203	1	Voltmeter	
2D	3580276	1	Pulley	
2D	7027887	1	Key, Woodruff	
3	3251243	1	Decal - 110V/60Hz	
4	0200742	1	Arm, Adjusting	
5	0480121	1	V-Belt	
7	0641610	1	Bolt 3/8 x 1-1/4	
8	0100011	AR	Compound, Locking	
9	0641772	1	Bolt 7/16 x 9	
10	4751600	6	Washer 3/8	
11	2860012	1	Key, Woodruff	
12	3311605	1	Nut 3/8	
13	3311705	1	Nut 7/16	
14	3740080	1	Relay	
16	0641508	1	Bolt 5/16 x 1	
17	4751500	AR	Washer 5/16	
18	1001112588	1	Wiring Diagram Components (Not Shown)	
18	1001112589	1	Generator Harness (Not Shown)	
18	4922641	1	Generator ON/OFF Switch Harness (Not Shown - Located at Platform)	
20	0721006	AR	Bolt #10 x 3/4	
21	3311005	3	Nut #10	
22	4751000	AR	Washer #10	
25	4360336	1	Switch, Toggle (Not Shown - Located at Platform)	
26	4740397	1	Bushing (Not Shown - Located at Platform)	
27	4060802	1	Guard, Switch (Not Shown - Located at Platform)	
29	2820031	4 in/ 10cm	Heat Shrink (Not Shown - Located at Platform)	
30	3251102	1	Decal (Not Shown - Located at Platform)	
31	4070585	AR	Shim	

404

800AJ



SECTION 3 - ENGINE

FIGURE 3-55. 2500W/110V/60HZ GENERATOR INSTALLATION - DEUTZ TD2.9L4 ENGINES

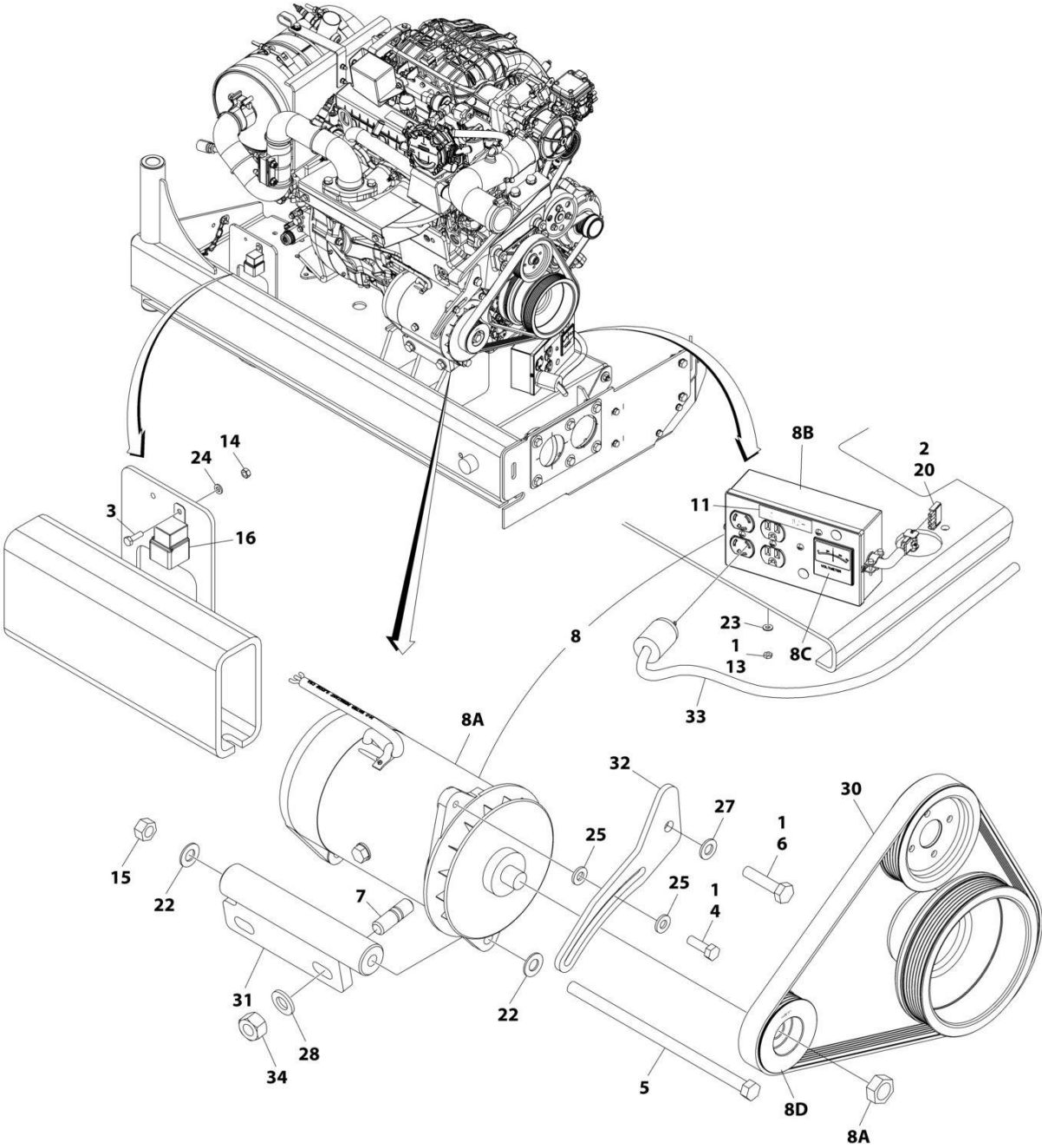
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180287	Ref	2500W GENERATOR INSTALLATION - DEUTZ TD2.9L4 (OPTIONAL)	C
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0641508	1	Bolt 5/16 x 1	
4	0641607	1	Bolt 3/8 x 7/8	
5	0641772	1	Bolt 7/16 x 9	
6	0641812	2	Bolt 1/2 x 1-1/2	
7	0721006	1	Screw #10 x 3/4	
8	2820031	AR	Heat Shrink (Not Shown - Located at Platform)	
9	3251102	1	Name Plate - Generator On (Not Shown - Located at Platform)	
10	3311005	3	Nut #10	
12	3311705	1	Nut 7/16	
13	3311801	2	Nut 1/2	
14	3740080	1	Relay	
15	4060802	1	Guard, Switch (Not Shown - Located at Platform)	
16	4240018	AR	Strap, Cable Tie (Not Shown)	
17	4360336	1	Switch, Toggle (Not Shown - Located at Platform)	
18	4711000	6	Washer #10	
19	4711600	1	Washer 3/8	
20	4711700	2	Washer 7/16	
21	4751500	1	Washer 5/16	
22	4891800	4	Washer 1/2	
23	1001148138	1	V-Belt	
24	1001163599	2	Stud	
25	1001216015	1	Bracket	
26	1001179837	1	Arm, Adjustment	
27	1001180001	1	Generator and Control Box Assembly	
27A	7012558	1	Generator Only - 110V/60Hz	
27A		Ref	Note: Replacement Generators come standard with p/n 3580134 pulley. This pulley may not be correct for all applications. Refer to pulley options below.	
27A	7026199	1	Armature with Slip Rings	
27A	7012513	4	Cap, Brush Holder	
27A	7020108	4	Brush	
27A	7020109	4	Holder, Brush	
27A	7012514	1	Fan	
27A	7020110	1	Bell, Front	
27A	7020111	1	Bell, Rear	
27A	7020190	2	Bearing	
27B	7019680	1	Box, Control - 110V/60Hz	
27B		Ref	Receptacle Options:	
27B	4460190	1	Receptacle, Standard (110V Only)	
27B	4460027	1	Receptacle, Twistlock (110V Only)	
27B	4360542	1	Breaker, Circuit	
27B	3520028	1	Plug, Hole	
27C	2420203	1	Voltmeter	
27D	3580276	1	Pulley	
27D	7027887	1	Key, Woodruff	
28		Ref	Wiring Diagram Components (Not Shown)	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
28	4922641	1	Generator On/Off Switch Harness (Not Shown - Located at Platform)	
28	1001180052	1	Generator Harness (Not Shown)	
29	1001181243	1	Mount, Generator	

SECTION 3 - ENGINE

FIGURE 3-56. 2500W/110V/60HZ GENERATOR INSTALLATION - FORD ENGINES



ART_1001219619

SECTION 3 - ENGINE

FIGURE 3-56. 2500W/110V/60HZ GENERATOR INSTALLATION - FORD ENGINES

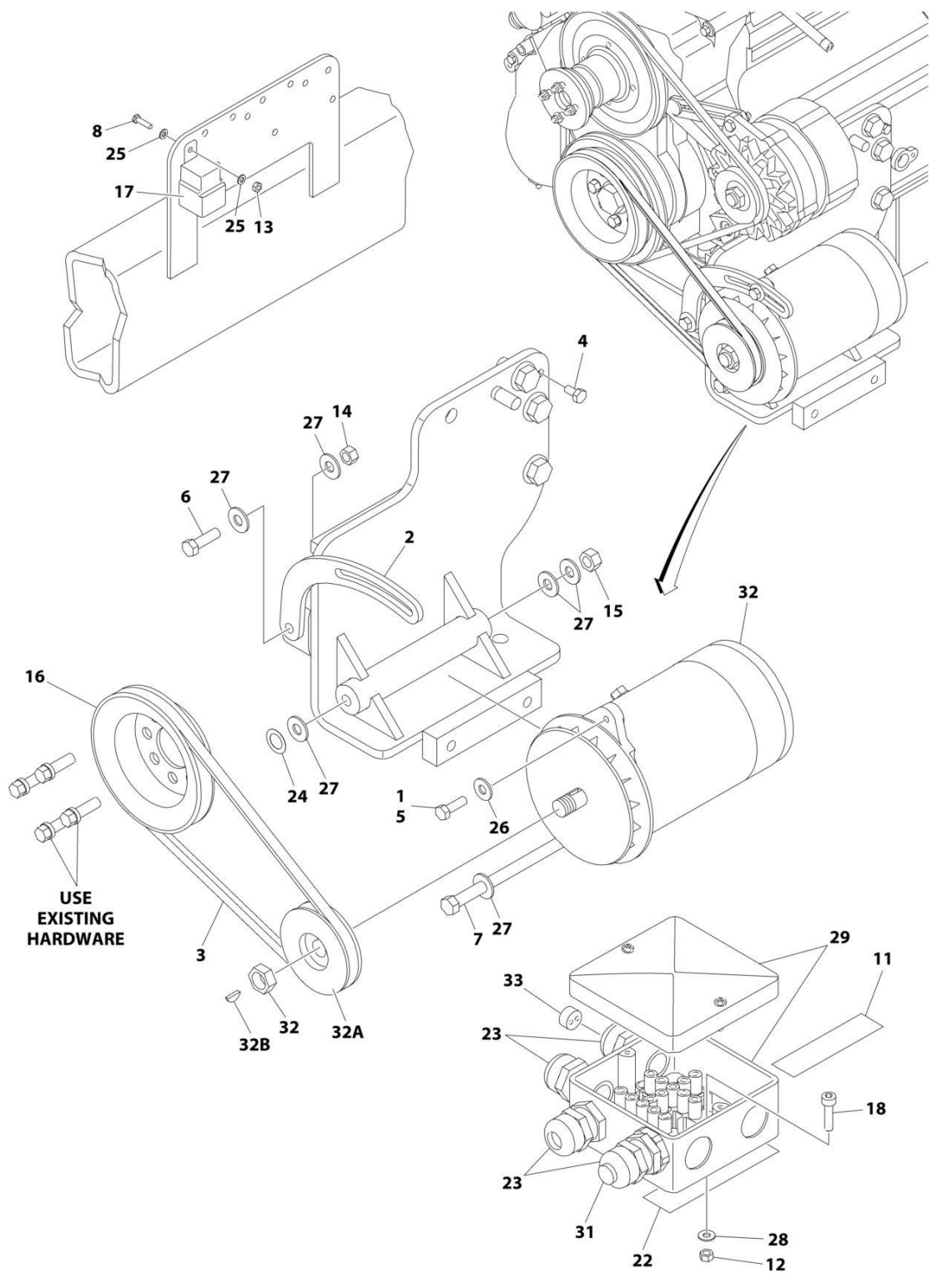
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219619	Ref	2500W GENERATOR INSTALLATION - FORD MACHINES (OPTIONAL)	E
1	0100011	AR	Compound, Locking	
2	0100048	AR	Grease, Dielectric	
3	0760610	1	Bolt M6 x 20	
4	0641508	1	Bolt 5/16 x 1	
5	0641772	1	Bolt 7/16 x 9	
6	0761016	1	Bolt M10 x 40	
7	1001155041	1	Stud	
8	2460051	1	Generator and Control Box Assembly	
8A	7012558	1	Generator Only - 110V/60Hz	
		Ref	Note: Replacement Generators come standard with pin 3580134 pulley. This pulley may not be correct for all applications. Refer to pulley options below.	
8A	7026199	1	Armature with Slip Rings	
8A	7012513	4	Cap, Brush Holder	
8A	7020108	4	Brush	
8A	7020109	4	Holder, Brush	
8A	7012514	1	Fan	
8A	7020110	1	Bell, Front	
8A	7020111	1	Bell, Rear	
8A	7020190	2	Bearing	
8B	7019680	1	Box, Control - 110V/60Hz	
8B		Ref	Receptacle Options:	
8B	4460190	1	Receptacle, Standard (110V Only)	
8B	4460027	1	Receptacle, Twistlock (110V Only)	
8B	4360542	1	Breaker, Circuit	
8B	3520028	1	Plug, Hole	
8C	2420203	1	Voltmeter	
8D	3580324	1	Pulley	
8D	7027887	1	Key, Woodruff	
9	2820031	1	Heat Shrink (Not Shown - Located at Platform)	
10	3251102	1	Nameplate Generator (Not Shown - Located at Platform)	
11	3251243	1	Decal - 120V-60Hz	
13	3311005	2	Nut #10	
14	3290601	1	Nut M6	
15	3311705	1	Nut 7/16	
16	3740080	1	Relay	
17	4060802	1	Guard Switch (Not Shown - Located at Platform)	
18	4240099	AR	Tie-Strap (Not Shown)	
19	4360336	1	Switch, Toggle (Not Shown - Located at Platform)	
20	4460321	1	Plug, Male - 4 Position	
22	4711700	2	Washer 7/16	
23	4751000	2	Washer #10	
24	4811700	1	Washer M6	
25	4891500	2	Washer 5/16	
27	4812000	1	Washer M10	
28	4812200	2	Washer M14	
29		Ref	Wiring Diagram Components (Not Shown)	
29	4922641	1	Generator On/Off Switch Harness (Not Shown - Located at	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
29	4923445	1	Platform) Generator Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
30	1001216391	1	V-Belt	
31	1001219630	1	Mount, Generator	
32	1001219632	1	Arm, Adjustment	
33	4921829	1	Harness, Inverter	
34	3291201	2	Nut M12	

SECTION 3 - ENGINE

FIGURE 3-57. 2500W/220V/50HZ GENERATOR INSTALLATION - DEUTZ D2011 ENGINES



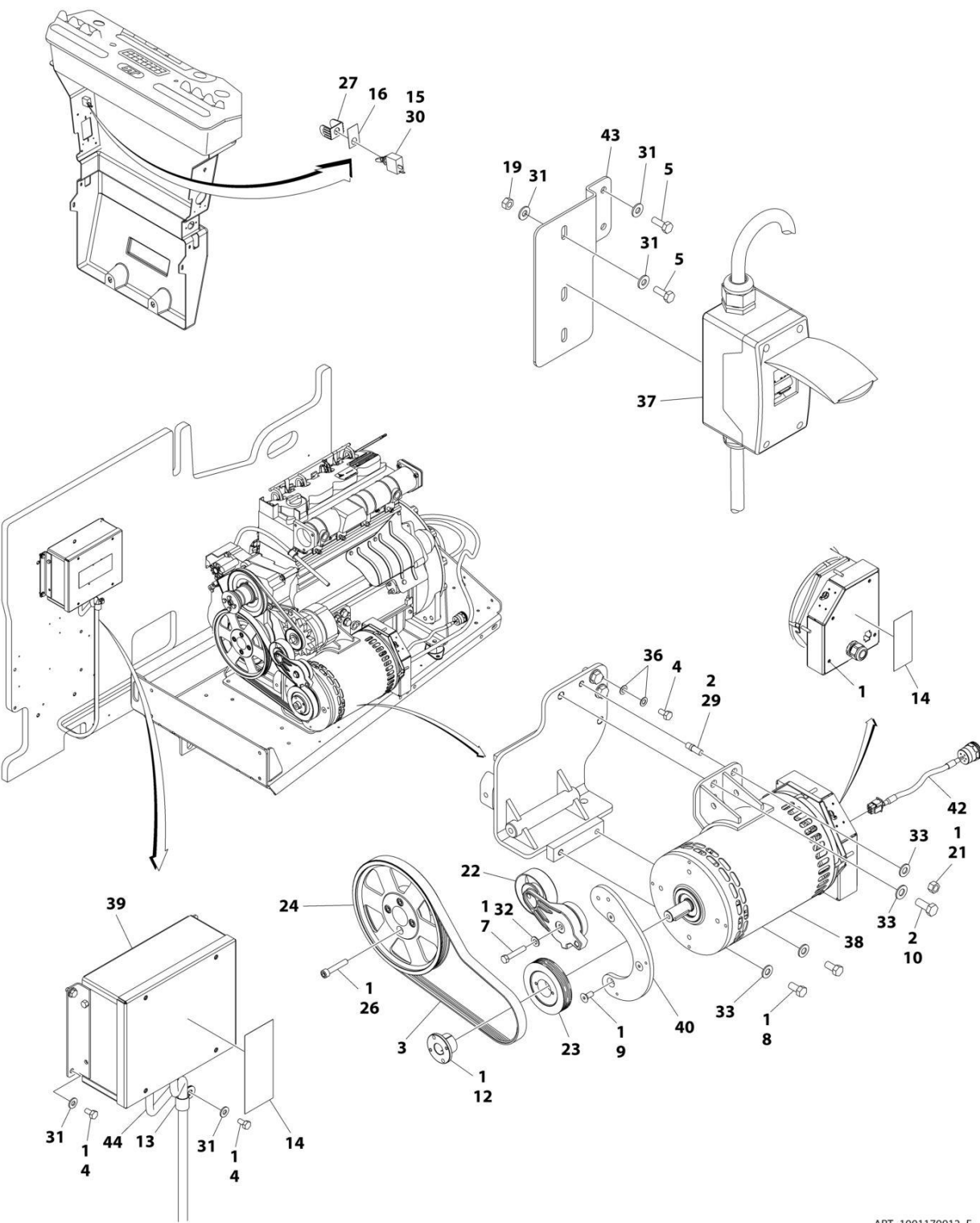
SECTION 3 - ENGINE

FIGURE 3-57. 2500W/220V/50HZ GENERATOR INSTALLATION - DEUTZ D2011 ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001115409	Ref	2500W GENERATOR INSTALLATION - 220V/50Hz	B
1	0100011	AR	Compound, Locking	
2	0200742	1	Arm, Adjusting	
3	0480121	1	V-Belt	
4	0641404	1	Bolt 1/4 x 1/2	
5	0641508	1	Bolt 5/16 x 1	
6	0641610	1	Bolt 3/8 x 1-1/4	
7	0641772	1	Bolt 7/16 x 9	
8	0721006	AR	Bolt #10 x 3/4	
9	2820031	4 in/10cm	Heat Shrink (Not Shown - Located at Platform)	
10	3251102	1	Decal (Not Shown - Located at Platform)	
11	3252507	2	Decal - 220V - 50Hz	
		Ref	Note: One Decal Not Shown - Located on the Inside of Platform Rail.	
12	3290505	1	Nut M5	
13	3311005	1	Nut #10	
14	3311605	1	Nut 3/8	
15	3311705	1	Nut 7/16	
16	3580158	1	Pulley	
17	3740080	1	Relay	
18	4031608	1	Bolt M5 x 20	
19	4060802	1	Guard, Switch (Not Shown - Located at Platform)	
20	4240018	1	Tie Strap (Not Shown)	
21	4360336	1	Switch, Toggle (Not Shown - Located at Platform)	
22	4420060	AR	Tape, Double Coated Acrylic Foam	
23	4460968	3	Connector, Strain Relief	
24	4740397	1	Shim	
25	4751000	2	Washer #10	
26	4751500	1	Washer 5/16	
27	4751600	6	Washer 3/8	
28	4811600	1	Washer M5	
29	1001099869	1	Box, Junction	
30		Ref	Wiring Diagram Components (Not Shown)	
30	4922641	1	Generator On/Off Switch Harness (Not Shown - Located at Platform)	
30	1001112589	1	Generator Harness (Not Shown)	
31	1001100234	1	Light, Red	
32	1001100321	1	Generator	
32	70000123	1	Armature with Slip Rings	
32	7012513	4	Cap, Brush Holder	
32	7020108	4	Brush	
32	7020109	4	Holder, Brush	
32	7012514	1	Fan	
32	7020110	1	Bell, Front	
32	7020111	1	Bell, Rear	
32	7020190	1	Bearing	
32A	3580134	1	Pulley - 50Hz	
32B	7027887	1	Key, Woodruff	
33	0962449	1	Bushing	

SECTION 3 - ENGINE

FIGURE 3-58. 4000W/50HZ GENERATOR INSTALLATION - DEUTZ D2011 ENGINES



ART_1001179912_E

SECTION 3 - ENGINE

FIGURE 3-58. 4000W/50HZ GENERATOR INSTALLATION - DEUTZ D2011 ENGINES

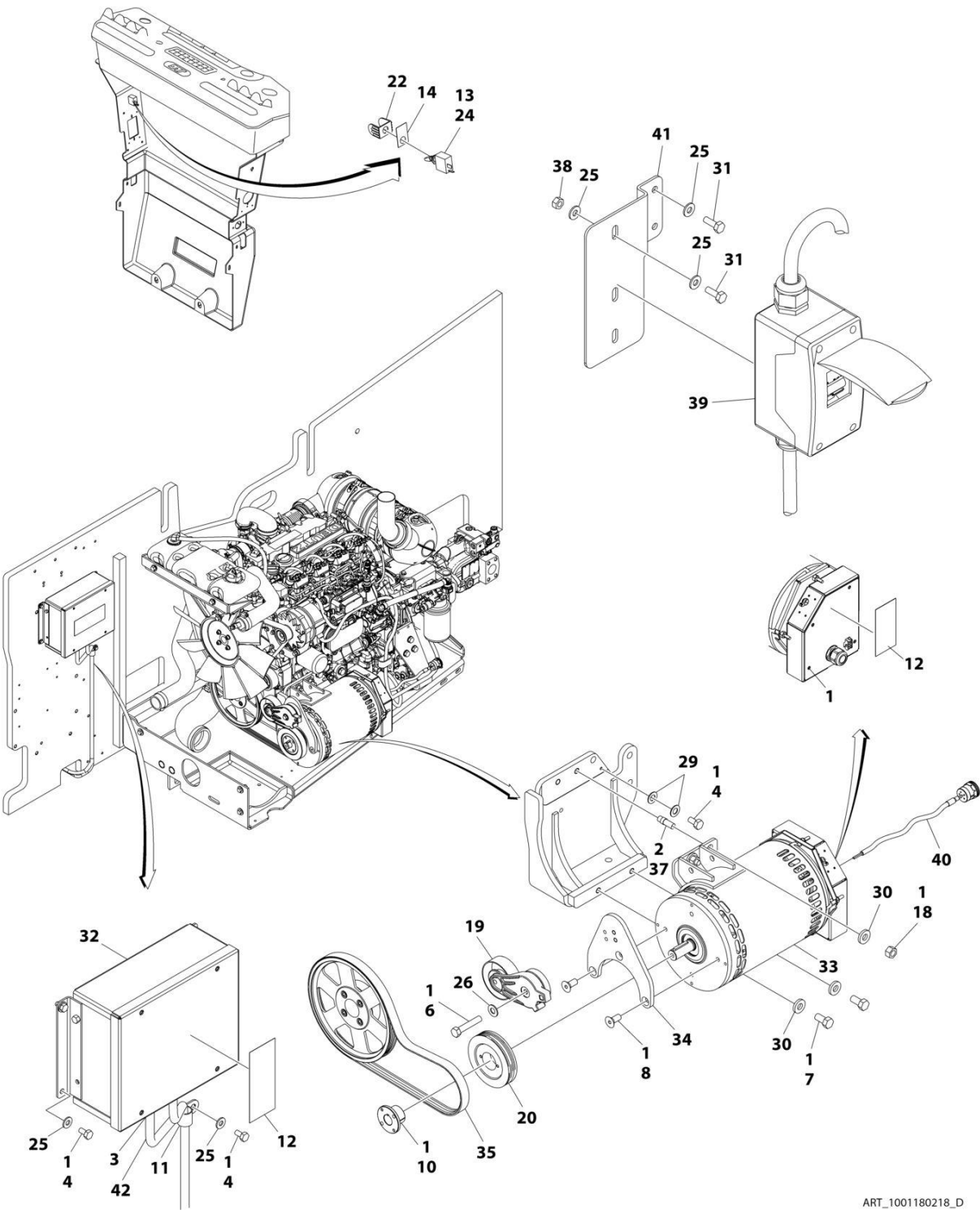
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179912	Ref	4000W/50Hz GENERATOR INSTALLATION - DEUTZ D2011 ENGINES	E
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0480126	1	Belt, Generator (50Hz)	
4	0641404	6	Bolt 1/4 x 1/2	
5	0641406	1	Bolt 1/4 x 3/4	
7	0641616	1	Bolt 3/8 x 2	
8	0641808	2	Bolt 1/2 x 1	
9	0741607	3	Screw 3/8 x 7/8	
10	0771415	1	Bolt M14 x 35	
12	0962520	1	Bushing, Split	
13	1320318	1	Clamp	
14	1705489	1	Decal - Hazardous Voltage	
15	2820031	0.33 ft /0.1m	Heat Shrink	
16	3251102	1	Nameplate - Generator	
19	3311405	1	Nut 1/4	
21	3311801	1	Nut 1/2	
22	3580317	1	Tensioner, Belt with Pulley	
23	3580319	1	Pulley, Generator	
24	3580320	1	Pulley, Engine	
26	4032015	4	Capscrew M10 x 55	
27	4060802	1	Guard, Switch	
28	4240018	AR	Tie-Strap (Not Shown)	
29	4300157	1	Stud	
30	4360336	1	Switch, Toggle	
31	4711400	11	Washer 1/4	
32	4711600	1	Washer 3/8	
33	4711800	3	Washer 1/2	
36	4791400	2	Washer 1/4	
37	1001165368	1	Breaker Box Kit (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
38	1001138565	1	Generator Assembly (50Hz)	
38	70003709	1	Ring, Retaining (External)	
38	70003708	1	Ring, Retaining (Internal)	
38	70001966	1	Bearing	
38	70004092	1	Endbell (Shaft End)	
38	70004171	1	Key	
38	70004676	1	Rotor	
38	70004677	1	Stator (50Hz)	
38	70004678	1	Endbell (Rear)	
38	70004679	1	Cover, Endbell (Rear)	
38	70004680	1	Enclosure, Wiring	
38	70004681	1	Cover, Enclosure (50Hz)	
38	70004682	1	Switch, Reset (Located on Enclosure Cover)	
38	70004683	1	Connector, Strain Relief (50Hz) (Located on Enclosure Cover)	
39	1001138566	1	Control Box Assembly	
39	70006552	1	Capacitor	
39	70006553	1	Relay	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
40	1001139357	1	Mount, Tensioner	
42	1001152532	1	Generator to Control Box, Harness (See Separate Breakdown in ELECTRICAL SECTION)	
43	1001177035	1	Bracket	
44	1001153197	1	Generator Control Box to Engine Harness (See Separate Breakdown in ELECTRICAL SECTION)	

SECTION 3 - ENGINE

FIGURE 3-59. 4000W/50HZ GENERATOR INSTALLATION - DEUTZ TD2.9L4 ENGINES, DEUTZ TD2.9L4 (STAGE V PRE-BUY) ENGINES AND DEUTZ TD2.9L4 (STAGE V) ENGINES



ART_1001180218_D

SECTION 3 - ENGINE

FIGURE 3-59. 4000W/50HZ GENERATOR INSTALLATION - DEUTZ TD2.9L4 ENGINES, DEUTZ TD2.9L4 (STAGE V PRE-BUY) ENGINES AND DEUTZ TD2.9L4 (STAGE V) ENGINES

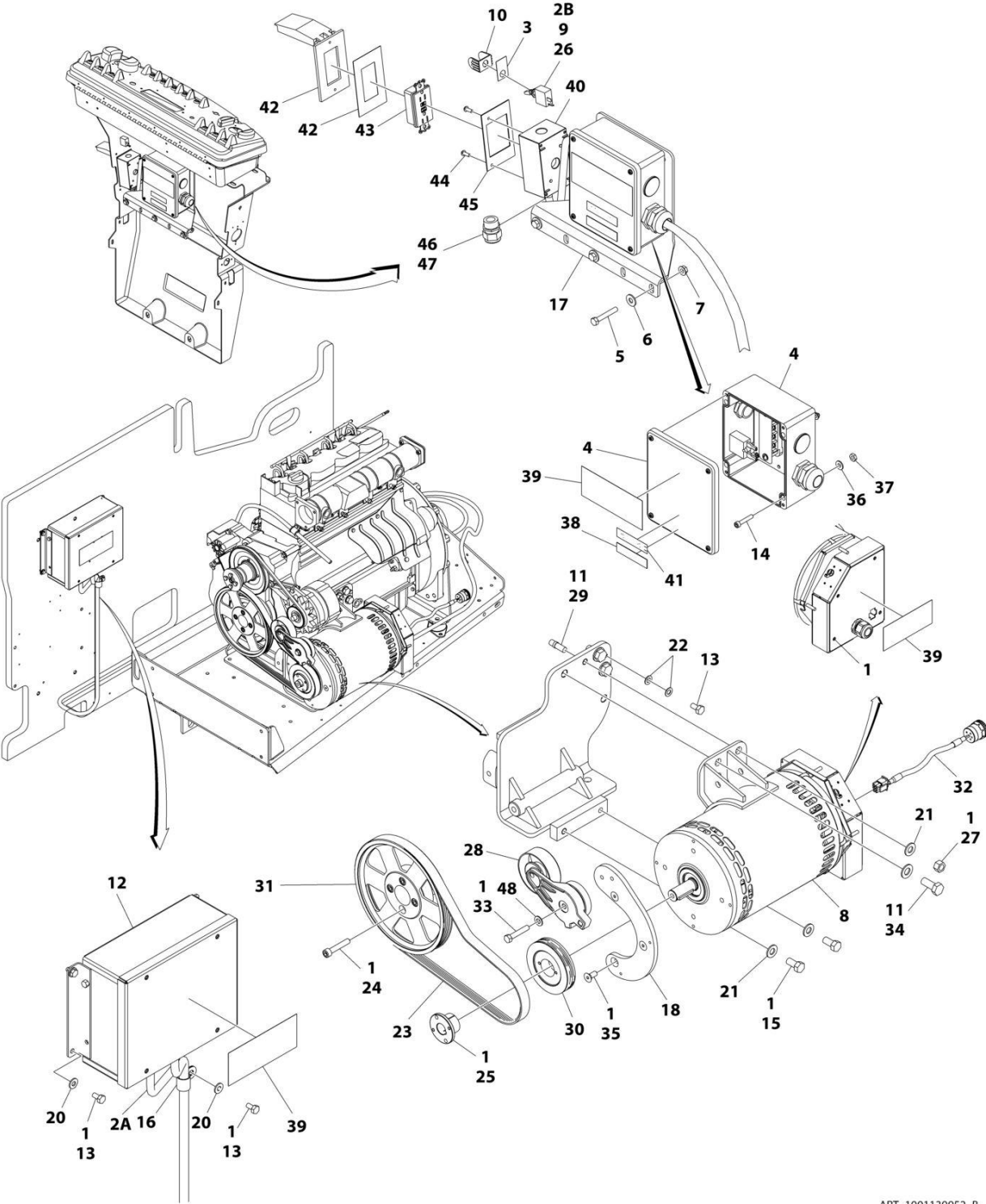
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180218	1	4000W/Hz GENERATOR INSTALLATION - DEUTZ TD2.9L4 ENGINES	D
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100048	AR	Grease Dielectric	
4	0641404	6	Bolt 1/4 x 1/2	
6	0641616	1	Bolt 3/8 x 2	
7	0641808	2	Bolt 1/2 x 1	
8	0741607	3	Screw 3/8 x 7/8	
10	0962520	1	Bushing, Split	
11	1320318	1	Clamp	
12	1705489	2	Decal - Hazardous Voltage	
13	2820031	0.33 ft /0.1m	Heat Shrink	
14	3251102	1	Nameplate, Generator	
18	3311801	2	Nut 1/2	
19	3580317	1	Tensioner, Belt with Pulley	
20	3580319	1	Pulley, Generator	
22	4060802	1	Guard, Switch	
23	4240018	AR	Tie-Strap (Not Shown)	
24	4360336	1	Switch, Toggle	
25	4711400	11	Washer 1/4	
26	4711600	1	Washer 3/8	
29	4791400	2	Washer 1/4	
30	4891800	4	Washer 1/2	
31	0641406	4	Bolt 1/4 x 3/4	
32	1001138566	1	Control Box Assembly	
32	70006552	1	Capacitor	
32	70006553	1	Relay	
33	1001140347	1	Generator Assembly	
33	70003709	1	Ring, Retaining (External)	
33	70003708	1	Ring, Retaining (Internal)	
33	70001966	1	Bearing	
33	70004092	1	Endbell (Shaft End)	
33	70004099	1	Key	
33	70004676	1	Rotor	
33	70004686	1	Stator	
33	70004678	1	Endbell (Rear)	
33	70004679	1	Cover, Endbell (Rear)	
33	70004680	1	Enclosure, Wiring	
33	70004681	1	Cover, Enclosure	
33	70004682	1	Switch, Reset (Located on Enclosure Cover)	
33	70004683	1	Connector, Strain Relief (Located on Enclosure Cover)	
33	4460224	1	Connector - 6 Position (Located on Enclosure Cover)	
33	4460294	2	Pin, Male (Located on Enclosure Cover)	
34	1001142643	1	Support, Tensioner	
35	1001142645	1	Belt, Generator	
37	1001163599	2	Stud	
38	3311405	4	Nut 1/4	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
39	1001165368	1	Breaker Box Kit (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
40	1001152532	1	Genarator to Control Box Harness (See Separate Breakdown in ELECTRICAL SECTION)	
41	1001177035	1	Bracket	
42	1001153259	1	Generator Control Box to Engine Harness (See Separate Breakdown in ELECTRICAL SECTION)	

SECTION 3 - ENGINE

FIGURE 3-60. 4000W/60HZ GENERATOR INSTALLATION - DEUTZ D2011 ENGINES



ART_1001139952_B

SECTION 3 - ENGINE

FIGURE 3-60. 4000W/60HZ GENERATOR INSTALLATION - DEUTZ D2011 ENGINES

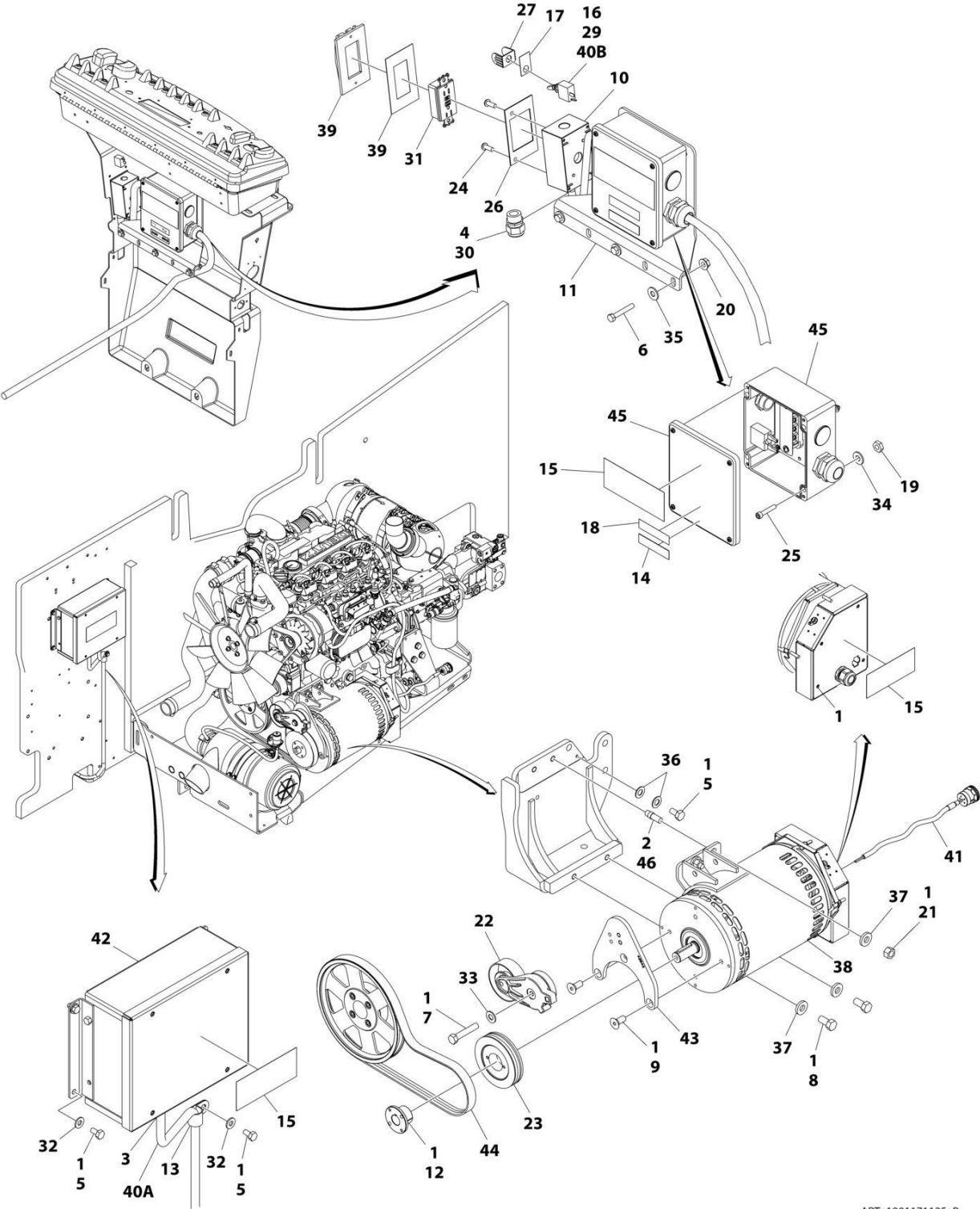
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139952	Ref	4000W/60Hz GENERATOR INSTALLATION - DEUTZ D2011 ENGINES	B
1	0100011	AR	Compound, Locking	
2		Ref	Wiring Diagram Components (Not Shown)	
2A	1001153197	1	Generator Control Box to Engine Harness (See Separate Breakdown in ELECTRICAL SECTION)	
2B	4462641	1	Generator On/Off Switch Harness	
3	3251102	1	Nameplate - Generator	
4	1001152457	1	Junction Box Assembly	
4	3300396	1	Cover, Breaker	
4	4360070	1	Breaker, Circuit - 15Amp	
4	4460425	1	Connector, Strain Relief (LH Side)	
4	4460426	1	Connector, Strain Relief (RH Side)	
5	0641516	3	Bolt 5/16 x 2	
6	4751500	3	Washer 5/16	
7	3311508	3	Nut 5/16	
8	1001129858	1	Generator Assembly	
8	70003709	1	Ring, Retaining (External)	
8	70003708	1	Ring, Retaining (Internal)	
8	70001966	1	Bearing	
8	70004092	1	Endbell (Shaft End)	
8	70004171	1	Key	
8	70004676	1	Rotor	
8	70004684	1	Stator	
8	70004678	1	Endbell (Rear)	
8	70004679	1	Cover, Endbell (Rear)	
8	70004680	1	Enclosure, Wiring	
8	70004685	1	Cover, Enclosure	
8	70004682	1	Switch, Reset (Located on Enclosure Cover)	
8	70004098	1	Connector, Strain Relief (Located on Enclosure Cover)	
9	4360336	1	Switch, Toggle	
10	4060802	1	Guard, Switch	
11	0100019	AR	Compound, Locking	
12	1001138566	1	Control Box Assembly	
12	70006552	1	Capacitor	
12	70006553	1	Relay	
13	0641404	6	Bolt 1/4 x 1/2	
14	3931016	4	Capscrew #10 x 1	
15	0641808	2	Bolt 1/2 x 1	
16	1320318	1	Clamp	
17	0902888	1	Bracket	
18	1001139357	1	Mount, Tensioner	
19	4240018	AR	Tie-Strap (Not Shown)	
20	4711400	5	Washer 1/4	
21	4711800	3	Washer 1/2	
22	4791400	2	Washer 1/4	
23	0480129	1	Belt, Generator	
24	4032015	4	Capscrew M10 x 55	
25	0962520	1	Bushing, Split	
26	2820031	0.33 ft	Heat Shrink	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		/0.1m		
27	3311801	1	Nut 1/2	
28	3580317	1	Tensioner, Belt with Pulley	
29	4300157	1	Stud	
30	3580318	1	Pulley, Generator	
31	3580320	1	Pulley, Engine	
32	1001152532	1	Generator to Control Box Harness (See Separate Breakdown in ELECTRICAL SECTION)	
33	0641616	1	Bolt 3/8 x 2	
34	0771415	1	Bolt M14 x 35	
35	0741607	3	Screw 3/8 x 7/8	
36	4751000	4	Washer #10	
37	3311005	4	Nut #10	
38	1705374	1	Decal - 240V	
39	1705387	3	Decal - Hazardous Voltage	
40	0860038	1	Box, Switch - Weatherhead	
41	3251243	1	Decal - 120V	
42	1001110873	1	Cover, Receptacle	
43	4460346	1	Receptacle	
44	3910606	4	Screw #6 x 3/8	
45	3960422	1	Gasket	
46	0100020	AR	Sealant #567	
47	4460071	1	Connector	
48	4711600	1	Washer 3/8	

SECTION 3 - ENGINE

FIGURE 3-61. 4000W/60HZ GENERATOR INSTALLATION - DEUTZ TD2.9L4 ENGINES



ART_1001171125_B

SECTION 3 - ENGINE

FIGURE 3-61. 4000W/60HZ GENERATOR INSTALLATION - DEUTZ TD2.9L4 ENGINES

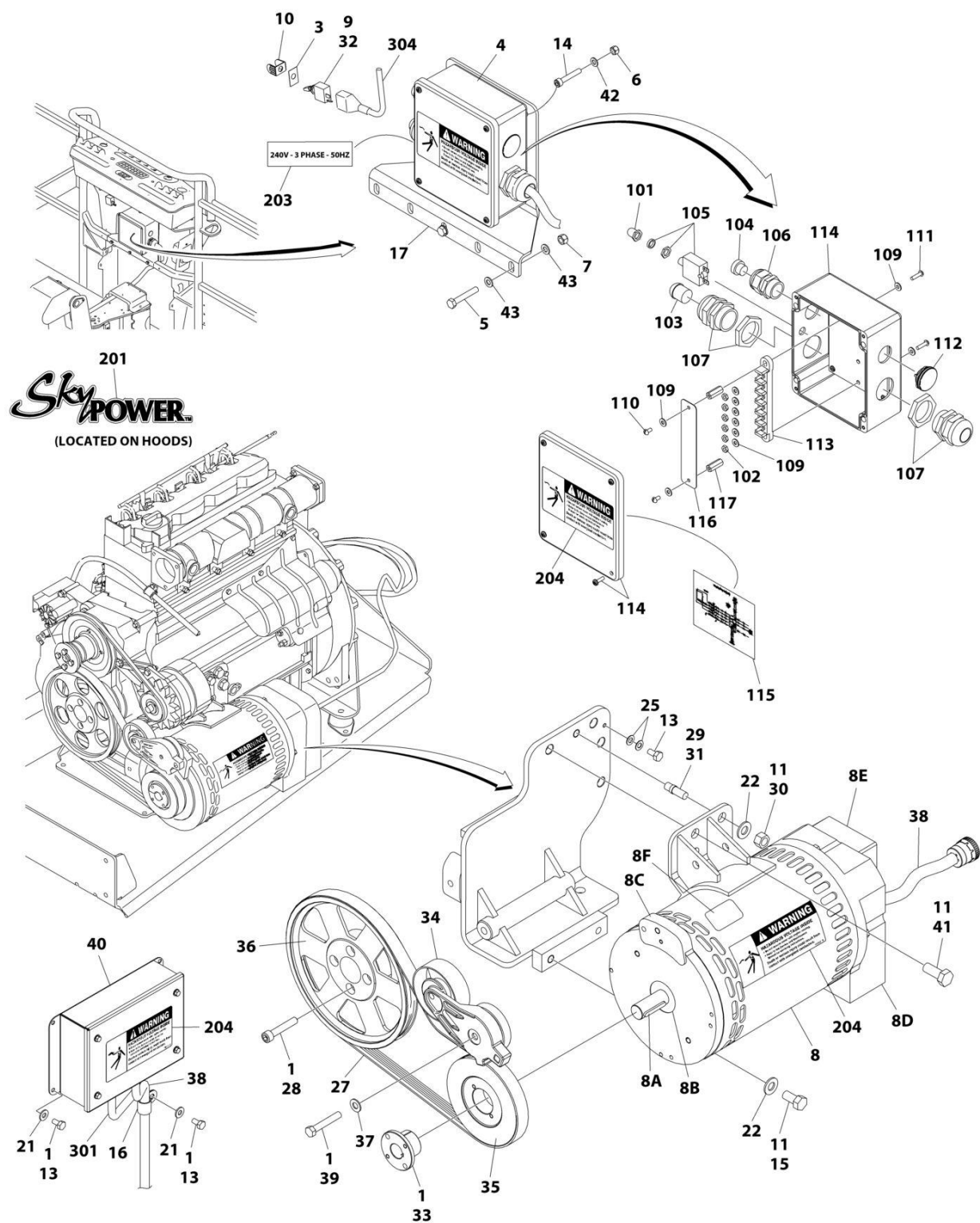
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171125	1	4000W/60Hz GENERATOR INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100048	AR	Grease Dielectric	
4	0100079	AR	Sealant	
5	0641404	6	Bolt 1/4 x 1/2	
6	0641516	3	Bolt 5/16 x 2	
7	0641616	1	Bolt 3/8 x 2	
8	0641808	2	Bolt 1/2 x 1	
9	0741607	3	Screw 3/8 x 7/8	
10	0860038	1	Box, Switch	
11	0902888	1	Bracket, Junction Box	
12	0962520	1	Bushing, Split	
13	1320318	1	Clamp	
14	1705374	1	Decal - 240V	
15	1705387	3	Decal - Hazardous Voltage	
16	2820031	0.33 ft /0.1m	Heat Shrink	
17	3251102	1	Nameplate, Generator	
18	3251243	1	Decal - 120V	
19	3311005	4	Nut #10	
20	3311508	3	Nut 5/16	
21	3311801	2	Nut 1/2	
22	3580317	1	Tensioner, Belt with Pulley	
23	3580318	1	Pulley, Generator	
24	3910606	4	Screw 6 x 3/8	
25	3931016	4	Capscrew #10 x 1	
26	3960422	1	Gasket, AC Receptacle	
27	4060802	1	Guard, Switch	
28	4240018	AR	Tie-Strap (Not Shown)	
29	4360336	1	Switch, Toggle	
30	4460071	1	Connector, Strain Relief	
31	4460346	1	Receptacle	
32	4711400	5	Washer 1/4	
33	4711600	1	Washer 3/8	
34	4751000	4	Washer #10	
35	4751500	3	Washer 5/16	
36	4791400	2	Washer 1/4	
37	4891800	4	Washer 1/2	
38	1001140346	1	Generator Assembly	
38	70003709	1	Ring, Retaining (External)	
38	70003708	1	Ring, Retaining (Internal)	
38	70001966	1	Bearing	
38	70004092	1	Endbell (Shaft End)	
38	70004099	1	Key	
38	70004676	1	Rotor	
38	70004687	1	Stator	
38	70004678	1	Endbell (Rear)	
38	70004679	1	Cover, Endbell (Rear)	
38	70004680	1	Enclosure, Wiring	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
38	70004685	1	Cover, Enclosure	
38	70004682	1	Switch, Reset (Located on Enclosure Cover)	
38	70004098	1	Connector, Strain Relief (Located on Enclosure Cover)	
39	1001110873	1	Cover, Receptacle	
40		Ref	Wiring Diagram Components (Not Shown)	
40A	1001153259	1	Generator Control Box to Engine Harness (See Separate Breakdown in ELECTRICAL SECTION)	
40B	4922641	1	Generator On/Off Switch Harness	
41	1001152532	1	Generator to Control Box (See Separate Breakdown in ELECTRICAL SECTION)	
42	1001138566	1	Control Box Assembly	
42	70006552	1	Capacitor	
42	70006553	1	Relay	
43	1001142643	1	Support, Tensioner	
44	1001142646	1	Belt, Generator	
45	1001152457	1	Junction Box Assembly	
45	3300396	1	Cover, Breaker	
45	4360070	1	Breaker, Circuit - 15Amp	
45	4460425	1	Connector, Strain Relief (LH Side)	
45	4460426	1	Connector, Strain Relief (RH Side)	
46	1001163599	2	Stud	

SECTION 3 - ENGINE

FIGURE 3-62. 7500W/50HZ SKYPOWER GENERATOR INSTALLATION - DEUTZ D2011 ENGINES



ART_1001115389_E

SECTION 3 - ENGINE

FIGURE 3-62. 7500W/50HZ SKYPOWER GENERATOR INSTALLATION - DEUTZ D2011 ENGINES

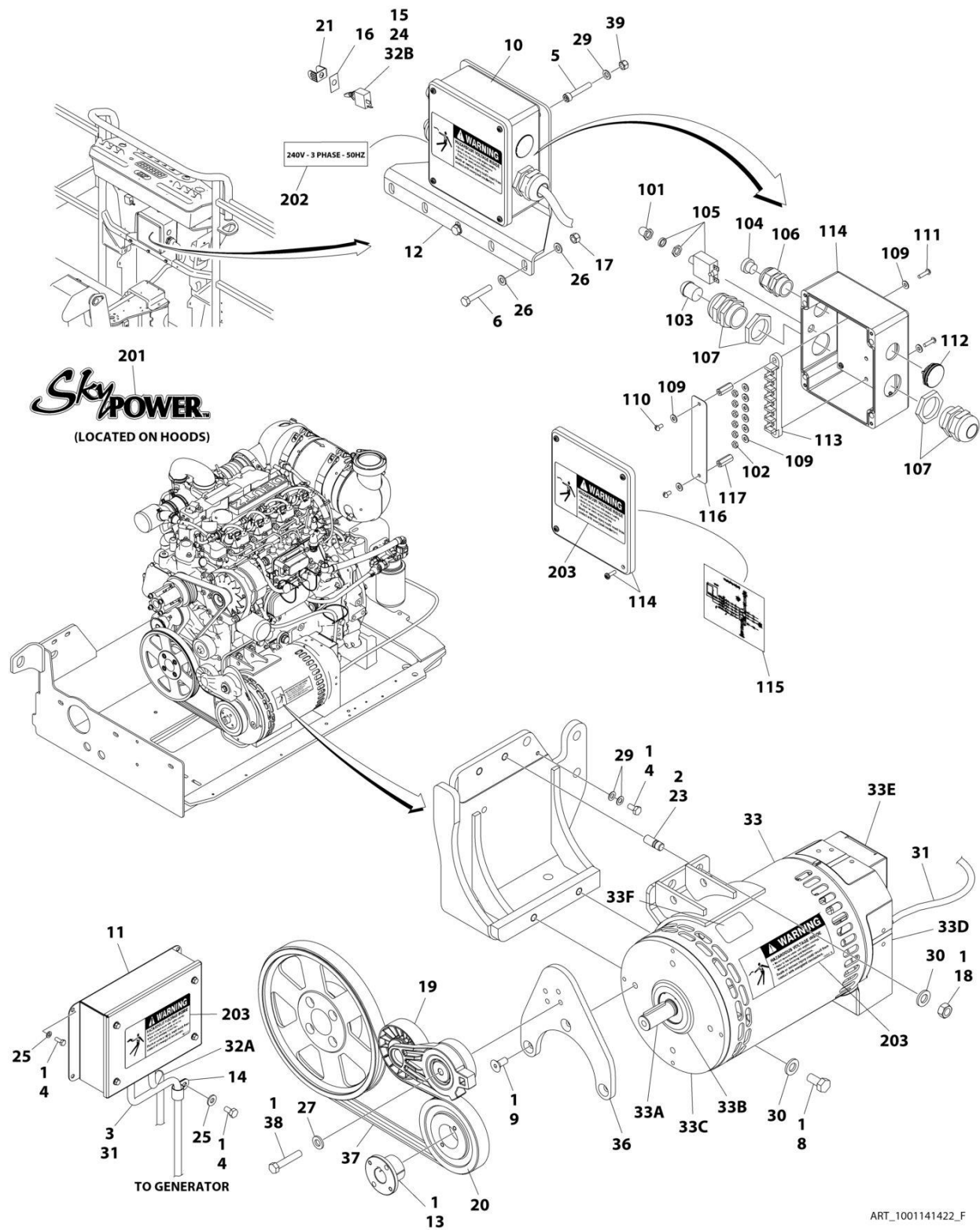
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	100115389	Ref	7500W/50HZ SKYPOWER GENERATOR INSTALLATION - DEUTZ D2011 ENGINE MACHINES	E
1	0100011	AR	Compound, Locking	
3	3252764	1	Nameplate	
4	1001157525	1	Junction Box Assembly (See Items 101-117 for Breakdown)	
5	0641516	3	Bolt 5/16 x 2	
6	3311005	4	Nut #10	
7	3311508	3	Nut 5/16	
8	2460048	1	Generator Assembly (Deutz D2011 Engines)	
8	70001100	1	Rotor (Includes p/n 70001384 & 70000863) (Not Shown)	
8	70001384	1	Bearing, Ball Radial (Not Shown):	
8	70000863	1	Fan (Not Shown)	
8	70002088	1	Stator	
8	70002297	1	Stud	
8	7024484	NLA	Brushholder Assembly (Not Shown) (Use p/n 70003631)	
8A	7024561	NLA	Key	
8B	70001966	1	Bearing, Ball Radial (Located in Belt Tensioner Endbell)	
8B	70003708	1	Ring, Internal Retaining (Located in Belt Tensioner Endbell)	
8B	70003709	1	Ring, External Retaining (Located in Belt Tensioner Endbell)	
8C	70001953	1	Endbell, Belt Tensioner	
8D	70001385	NLA	Endbell, Brush Block (use p/n 70004169)	
8E	70002290	NLA	Shroud (Use p/n 70004169)	
8E	See Note	NSS	Insulator, Endbell (Note: Not Available for Purchase)	
8E	7027799	1	Block, Connector 6 Position (Not Shown)	
8E	70002460	1	Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown)	
8E	7024485	1	Breaker, Circuit 30Amp (Not Shown):	
8E	70001696	1	Boot, Breaker (Not Shown):	
8E	7026626	1	Connector, 6 Position (Includes Seal) (Not Shown - Plugs into Item 36)	
8E	7026597	1	Connector, W/Leads (Not Shown)	
8E	7026188	1	Clamp, Cable (Not Shown)	
8E	70004169	1	Plate, End Panel	
8E	70001974	1	Decal - Terminal Connections	
8F	70001973	1	Decal - Warning Moving Parts	
9	4360336	1	Switch, Toggle	
10	4060802	1	Guard, Switch	
11	0100019	AR	Compound, Locking	
13	0641404	6	Bolt 1/4 x 1/2	
14	3931016	4	Capscrew 3/8 x 1	
15	0641808	2	Bolt 1/2 x 1	
16	1320318	1	Clamp	
17	0902888	1	Bracket, Box Mounting	
20	4240018	AR	Tie-Strap (Not Shown)	
21	4711400	5	Washer 1/4	
22	4711800	3	Washer 1/2	
25	4791400	2	Washer 1/4	
27	0480126	1	Belt, Drive	
28	4032015	4	Capscrew M10 x 55	
29	4300157	1	Stud	
30	3311801	1	Nut 1/2	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
31	0100062	AR	Adhesive (Not Shown)	B
32	2820031	1	Insulator	
33	0962520	1	Bushing, Split Taper	
34	3580317	1	Tensioner, Belt	
35	3580319	1	Pulley	
36	3580320	1	Pulley	
37	4711600	1	Washer 3/8	
38	4922925	1	Generator to Control Box Harness (See Separate Breakdown in ELECTRICAL SECTION)	
39	0641618	1	Bolt 3/8 x 2-1/4	
40	0861572	1	Control Box Assembly	
40	7024488	1	Card, Circuit - Generator Power	
40	See Note	1	Fuse (Note: Not Available - Purchase Locally)	
40	70000619	1	Harness, Control Box (Internal)	
40	7024489	1	Card, Circuit - Control	
		Ref	Note: Same Circuit Card (P/N 7024489) is used for both 60Hz & 50Hz Specs. When replacing card, rocker switch on card must be set for required application.	
41	0771415	1	Bolt M14 x 35 Grade 10.9	
42	4751000	4	Washer #10	
43	4751500	3	Washer 5/16	
	1001157525	Ref	JUNCTION BOX ASSEMBLY	
101	3300396	1	Cover, Fuse	
102	3311001	6	Nut #10-24	
103	3520189	1	Plug	
104	3520192	1	Plug	
105	4360070	1	Circuit Breaker - 15 Amp	
106	4460425	1	Connector, Strain Relief	
107	4460426	2	Connector, Strain Relief	
109	4711000	10	Washer #10	
110	10702077	2	Screw #10 x 3/8	
111	10702082	2	Screw #10 x 3/4	
112	1001152525	1	Plug	
113	1001157520	1	Block, Terminal	
114	1001157521	1	Box, Junction	
115	1001157528	1	Decal - Wiring Schematic	
116	1001158007	1	Cover, PVC	
117	1001158008	2	Stand-Off	
	0272589	Ref	DECAL INSTALLATION	A
201	1705460	2	Decal - SkyPower	B
203	1705461	1	Decal - 240V - 3 Phase	
204	1705489	3	Decal, Hazardous Voltage	
	1001157769	Ref	ELECTRICAL DIAGRAM COMPONENTS	
301	1001152429	1	Generator Harness (See Separate Breakdown in ELECTRICAL SECTION)	
304	4922641	1	Switch Harness	

SECTION 3 - ENGINE

FIGURE 3-63. 7500W/50HZ SKYPOWER GENERATOR INSTALLATION - DEUTZ TD2.9L4 ENGINES, DEUTZ TD2.9L4 (STAGE V PRE-BUY) ENGINES AND DEUTZ TD2.9L4 (STAGE V) ENGINES



ART_1001141422_F

SECTION 3 - ENGINE

**FIGURE 3-63. 7500W/50HZ SKYPOWER GENERATOR INSTALLATION - DEUTZ TD2.9L4 ENGINES,
DEUTZ TD2.9L4 (STAGE V PRE-BUY) ENGINES AND DEUTZ TD2.9L4 (STAGE V) ENGINES**

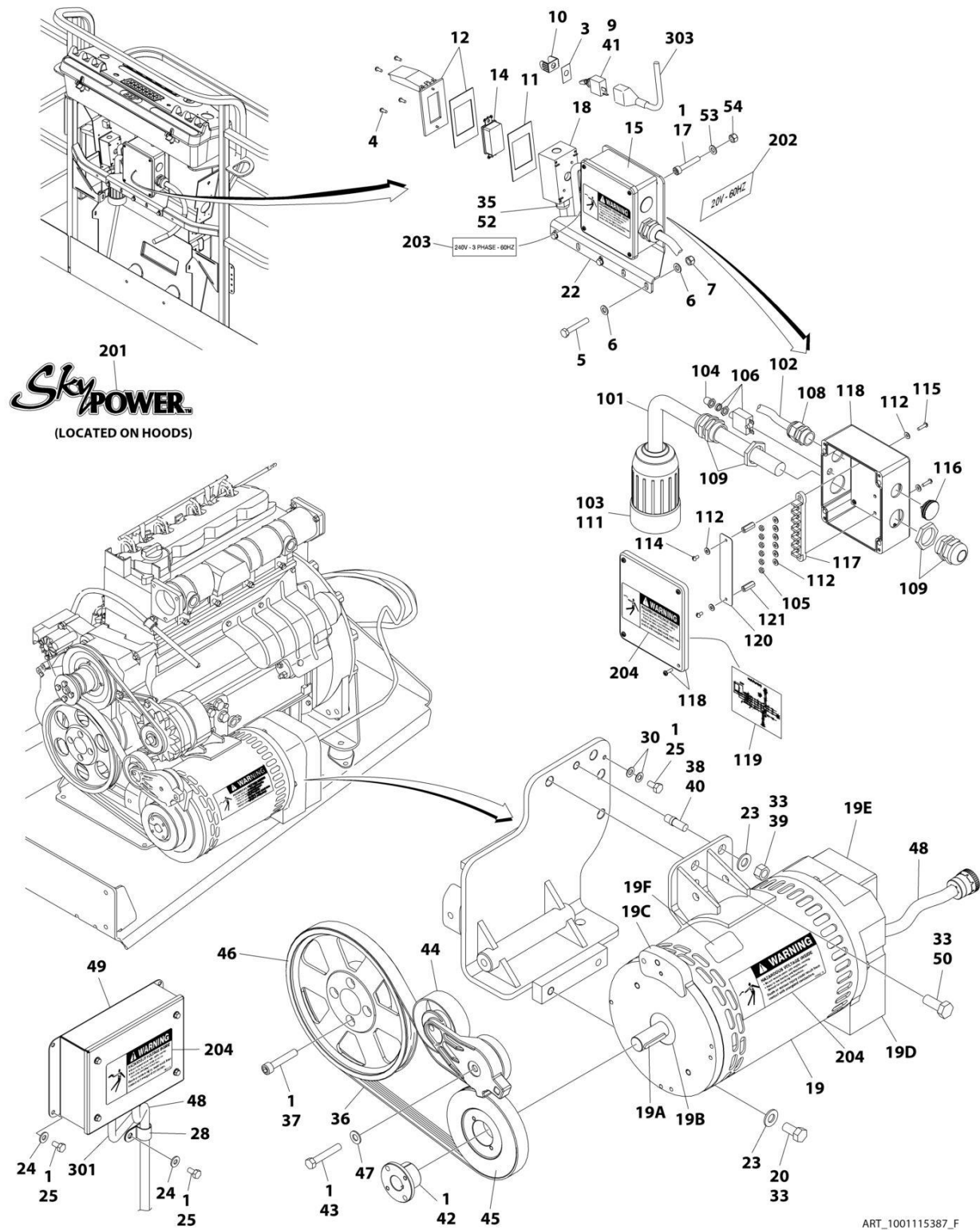
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141422	Ref	7500W SKYPOWER GENERATOR INSTALLATION	F
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100048	AR	Compound Terminal	
4	0641404	6	Bolt 1/4 x 1/2	
5	3931016	4	Capscrew #10 x 1	
6	0641516	3	Bolt 5/16 x 2	
8	0641808	2	Bolt 1/2 x 1	
9	0741607	3	Screw 3/8 x 7/8	
10	1001157525	1	Junction Box Assembly (See Items 101 - 117 for Breakdown)	
11	0861572	1	Control Box Assembly	
11	0860038	1	Box, Receptacle	
11	7024488	1	Card, Circuit - Generator Power	
11	See Note	NSS	Fuse (Note: Not Available - Purchase Locally)	
11	7024489	1	Card, Circuit - Control	
11	70000619	1	Harness, Control Box (Internal)	
11		Ref	Note: Same Circuit Card (P/N 7024489) is used for both 60Hz and 50Hz. When replacing card, rocker switch on card must be set for required application.	
12	0902888	1	Bracket	
13	0962520	1	Bushing, Split	
14	1320318	1	Clamp	
15	2820031	AR	Heat Shrink	
16	3252764	1	Nameplate - AC & Weld	
17	3311505	3	Nut 5/16	
18	3311801	2	Nut 1/2	
19	3580317	1	Tensioner, Belt	
20	3580319	1	Pulley	
21	4060802	1	Guard, Switch	
22	4240018	AR	Tie - Strap (Not Shown)	
23	1001163599	2	Stud	
24	4360336	1	Switch, Toggle	
25	4711400	5	Washer 1/4	
26	4711500	6	Washer 5/16	
27	4711600	1	Washer 3/8	
28	4751000	4	Washer #10	
29	4791400	2	Washer 1/4	
30	4891800	4	Washer 1/2	
31	4922925	1	Generator to Control Box Harness (See Separate Breakdown in ELECTRICAL SECTION)	
32		Ref	Wiring Diagram Components (Not Shown)	
32A	1001119968	1	Generator to Engine Harness (See Separate Breakdown in ELECTRICAL SECTION)	
32B	4922641	1	Generator On/Off Switch Harness	
33	1001212223	1	Generator Assembly	
33	70001100	1	Rotor (Includes p/n 70001384 & 70000863) (Not Shown)	
33	70001384	1	Bearing, Ball Radial (Not Shown)	
33	70000863	1	Fan (Not Shown)	
33	70006093	1	Stator (Not Shown)	
33	70002297	1	Stud	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
33	70003631	1	Brushholder Assembly (Not Shown) (was p/n 7024484)	B
33A	70004099	1	Key	
33B	70001966	1	Bearing, Ball Radial (Located in Belt Tensioner Endbell)	
33B	70003708	1	Ring, Internal Retaining (Located in Belt Tensioner Endbell)	
33B	70003709	1	Ring, External Retaining (Located in Belt Tensioner Endbell)	
33C	70004092	1	Endbell, Belt Tensioner	
33D	70004094	1	Endbell, Brush Block	
33E	70006094	1	Shroud	
33E	70002291	1	Insulator, Endbell	
33E	7027799	1	Block, Connector - 6 Position (Not Shown)	
33E	70002460	1	Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown)	
33E	70006095	1	Breaker, Circuit 30Amp (Not Shown)	
33E	70006096	1	Boot, Breaker (Not Shown)	
33E	7026626	1	Connector, 6 Position (Includes Seal) (Not Shown - Plugs into Item 45)	
33E	7026597	1	Connector with Leads (Not Shown)	
33E	70004098	1	Clamp, Cable (Not Shown)	
33E	70006097	1	Plate, End Panel	
33E	70001974	1	Decal - Terminal Connections	
33F	70001973	1	Decal - Warning Moving Parts	
36	1001142643	1	Support	
37	1001142645	1	Belt	
38	0641616	1	Bolt 3/8 x 2	
39	3311005	4	Nut #10	
	1001157525	Ref	JUNCTION BOX ASSEMBLY	
101	3300396	1	Cover, Fuse	
102	3311001	6	Nut #10	
103	3520189	1	Plug	
104	3520192	1	Plug	
105	4360070	1	Circuit Breaker - 15Amp	
106	4460425	1	Connector, Strain Relief	
107	4460426	2	Connector, Strain Relief	
109	4711000	10	Washer #10	
110	10702077	2	Screw #10 x 3/8	
111	10702082	2	Screw #10 x 3/4	
112	1001152525	1	Plug	
113	1001152520	1	Block, Terminal	
114	1001157521	1	Box, Junction	
115	1001157528	1	Decal - Wiring Schematic	
116	1001158007	1	Cover, PVC	
117	1001158008	2	Stand-Off	A
	0272589	Ref	DECAL INSTALLATION	
201	1705460	2	Decal - SkyPower	
202	1705461	1	Decal - 240V - 3 Phase - 50Hz	
203	1705489	3	Decal - Hazardous Voltage	

SECTION 3 - ENGINE

FIGURE 3-64. 7500W/60HZ SKYPOWER GENERATOR INSTALLATION - DEUTZ D2011 ENGINES



SECTION 3 - ENGINE

FIGURE 3-64. 7500W/60HZ SKYPOWER GENERATOR INSTALLATION - DEUTZ D2011 ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001115387	Ref	7500W 60HZ SKYPOWER GENERATOR INSTALLATION - DEUTZ D2011 ENGINE MACHINES	F
1	0100011	AR	Compound, Locking	
3	3252764	1	Nameplate	
4	3910606	4	Screw #6 x 3/8	
5	0641516	3	Bolt 5/16 x 2	
6	4751500	3	Washer 5/16	
7	3311508	3	Nut 5/16	
9	4360336	1	Switch, Toggle	
10	4060802	1	Guard, Switch	
11	3960422	1	Gasket	
12	1001110873	1	Cover, Receptacle (60Hz Specs)	
14	4460346	1	Receptacle, Female	
15	1001157592	1	Junction Box Assembly (See Items 101-124 for Breakdown)	
17	3931016	4	Capscrew 3/8 x 1	
18	0860038	1	Box, Switch	
19	2460048	1	Generator Assembly (Deutz D2011 Engines)	
19	70001100	1	Rotor (Includes p/n 70001384 & 70000863) (Not Shown)	
19	70001384	1	Bearing, Ball Radial (Not Shown):	
19	70000863	1	Fan (Not Shown)	
19	70002088	1	Stator	
19	70002297	1	Stud	
19	7024484	NLA	Brushholder Assembly (Not Shown) (Use p/n 70003631)	
19A	7024561	NLA	Key - 2460048 Generator (Use p/n 70004171)	
19B	70001966	1	Bearing, Ball Radial (Located in Belt Tensioner Endbell)	
19B	70003708	1	Ring, Internal Retaining (Located in Belt Tensioner Endbell)	
19B	70003709	1	Ring, External Retaining (Located in Belt Tensioner Endbell)	
19C	70001953	1	Endbell, Belt Tensioner	
19D	70001385	NLA	Endbell, Brush Block - (Use p/n 70004169)	
19E	70002290	NLA	Shroud - (Use p/n 70004169)	
19E	See Note	NSS	Insulator, Endbell (Note: Not Available for Purchase)	
19E	7027799	1	Block, Connector 6 Position (Not Shown)	
19E	70002460	1	Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown)	
19E	7024485	1	Breaker, Circuit 30Amp (Not Shown)	
19E	70006095	1	Breaker - 1001212223 Generator	
19E	70001696	1	Boot, Breaker (Not Shown):	
19E	7026626	1	Connector, 6 Position (Includes Seal) (Not Shown - Plugs into Item 36)	
19E	7026597	1	Connector, W/Leads (Not Shown)	
19E	7026188	1	Clamp, Cable (Not Shown)	
19E	70004169	1	Plate, End Panel:	
19E	70001974	1	Decal - Terminal Connections	
19F	70001973	1	Decal - Warning Moving Parts	
20	0641808	2	Bolt 1/2 x 1	
22	0902888	1	Bracket, Box Mounting	
23	4711800	3	Washer 1/2	
24	4711400	5	Washer 1/4	
25	0641404	6	Bolt 1/4 x 1/2	
28	1320318	1	Clamp	
29	4240018	AR	Tie-Strap (Not Shown)	

SECTION 3 - ENGINE

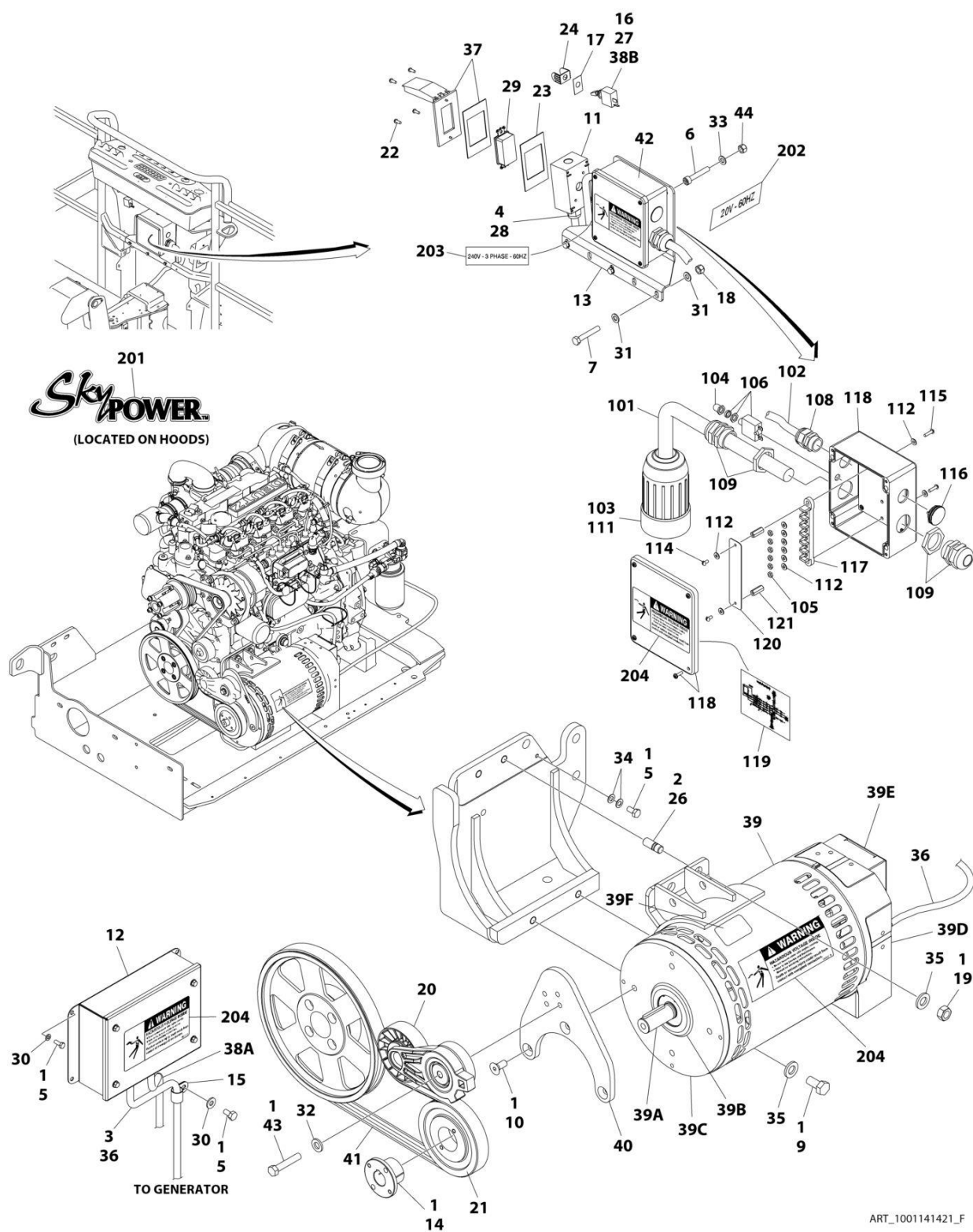
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
30	4791400	2	Washer 1/4	C
33	0100019	AR	Compound, Locking	
35	4460071	1	Connector, Strain Relief	
36	0480129	1	Belt, Drive	
37	4032015	4	Capscrew M10 x 55	
38	4300157	1	Stud	
39	3311801	1	Nut 1/2-13	
40	0100062	AR	Compound, Locking	
41	2820031	1	Insulator	
42	0962520	1	Bushing, Split Taper	
43	0641618	1	Bolt 3/8 x 2-1/4	
44	3580317	1	Tensioner, Belt	
45	3580318	1	Pulley	
46	3580320	1	Pulley	
47	4711600	1	Washer 3/8	
48	4922925	1	Generator to Control Box Harness (See Separate Breakdown in ELECTRICAL SECTION)	
49	0861538	1	Control Box Assembly	
49	7024488	1	Card, Circuit - Generator Power	
49	See Note	1	Fuse (Note: Not Available - Purchase Locally)	
49	70000619	1	Harness, Control Box (Internal)	
49	7024489	1	Card, Circuit - Control	
49		Ref	Note: Same Circuit Card (P/N 7024489) is used for both 60Hz & 50Hz Specs. When replacing card, rocker switch on card must be set for required application.	
50	0771415	1	Bolt M14 x 35 Grade 10.9	
52	0100020	AR	Sealant	
53	4751000	4	Washer #10	
54	3311005	4	Nut #10	
	1001157592	Ref	JUNCTION BOX ASSEMBLY	
101	1060343	1.5 ft /.46m	Cable, Electrical 10/4	
102	1001179154	2.5 ft /.76m	Cable, Electrical 12/3	
103	1671092	1	Cover	
104	3300396	1	Cover, Fuse	
105	3311001	6	Nut #10	
106	4360070	1	Circuit Breaker - 15 Amp	
108	4460425	1	Connector, Strain Relief	
109	4460426	2	Connector, Strain Relief	
111	4460963	1	Connector	
112	4711000	4	Washer #10	
114	10702077	2	Screw #10 x 3/8	
115	10702082	2	Screw #10 x 3/4	
116	1001152525	1	Plug	
117	1001157520	1	Block, Terminal	
118	1001157521	1	Box, Junction	
119	1001157528	1	Decal - Wiring Schematic	
120	1001158007	1	Cover, PVC	
121	1001158008	1	Stand-Off	
	0272435	Ref	DECAL INSTALLATION	D
201	1705460	2	Decal - SkyPower	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
202	3251243	1	Decal - 120V - 60Hz (Not Shown - Located on Platform Receptacle)	B C
203	1705375	1	Decal - 240V - 3 Phase	
204	1705387	3	Decal, Hazardous Voltage	
	1001157769	Ref	ELECTRICAL DIAGRAM COMPONENTS	
301	1001152429	1	Generator Harness (See Separate Breakdown in ELECTRICAL SECTION)	
303	4922641	1	Switch Harness	

SECTION 3 - ENGINE

FIGURE 3-65. 7500W/60HZ SKYPOWER GENERATOR INSTALLATION - DEUTZ TD2.9L4 ENGINES



SECTION 3 - ENGINE

FIGURE 3-65. 7500W/60HZ SKYPOWER GENERATOR INSTALLATION - DEUTZ TD2.9L4 ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141421	Ref	7500W SKYPOWER GENERATOR INSTALLATION	F
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100048	AR	Compound Terminal	
4	0100079	AR	Sealant	
5	0641404	6	Bolt 1/4 x 1/2	
6	3931016	4	Capscrew #10 x 1	
7	0641516	3	Bolt 5/16 x 2	
9	0641808	2	Bolt 1/2 x 1	
10	0741607	3	Screw 3/8 x 7/8	
11	0860038	1	Box, Receptacle	
12	0861538	1	Control Box Assembly	
12	7024488	1	Card, Circuit - Generator Power	
12	See Note	NSS	Fuse (Note: Not Available - Purchase Locally)	
12	7024489	1	Card, Circuit - Control	
12	70000619	1	Harness, Control Box (Internal)	
		Ref	Note: Same Circuit Card (P/N 7024489) is used for both 60Hz and 50Hz. When replacing card, rocker switch on card must be set for required application.	
13	0902888	1	Bracket	
14	0962520	1	Bushing, Split	
15	1320318	1	Clamp	
16	2820031	AR	Heat Shrink	
17	3252764	1	Nameplate - AC & Weld	
18	3311505	3	Nut 5/16	
19	3311801	2	Nut 1/2	
20	3580317	1	Tensioner, Belt	
21	3580318	1	Pulley	
22	3910606	4	Screw #6 x 3/8	
23	3960422	1	Gasket	
24	4060802	1	Guard, Switch	
25	4240018	AR	Tie - Strap (Not Shown)	
26	1001163599	2	Stud	
27	4360336	1	Switch, Toggle	
28	4460071	1	Connector, Strain Relief	
29	4460346	1	Receptacle	
30	4711400	5	Washer 1/4	
31	4711500	6	Washer 5/16	
32	4711600	1	Washer 3/8	
33	4751000	4	Washer #10	
34	4791400	2	Washer 1/4	
35	4891800	4	Washer 1/2	
36	4922925	1	Generator to Control Box Harness (See Separate Breakdown in ELECTRICAL SECTION)	
37	1001110873	1	Cover	
38		Ref	Wiring Diagram Components (Not Shown)	
38A	1001119968	1	Generator to Engine Harness (See Separate Breakdown in ELECTRICAL SECTION)	
38B	4922641	1	Generator ON/OFF Switch Harness	
39	1001212223	1	Generator Assembly	

SECTION 3 - ENGINE

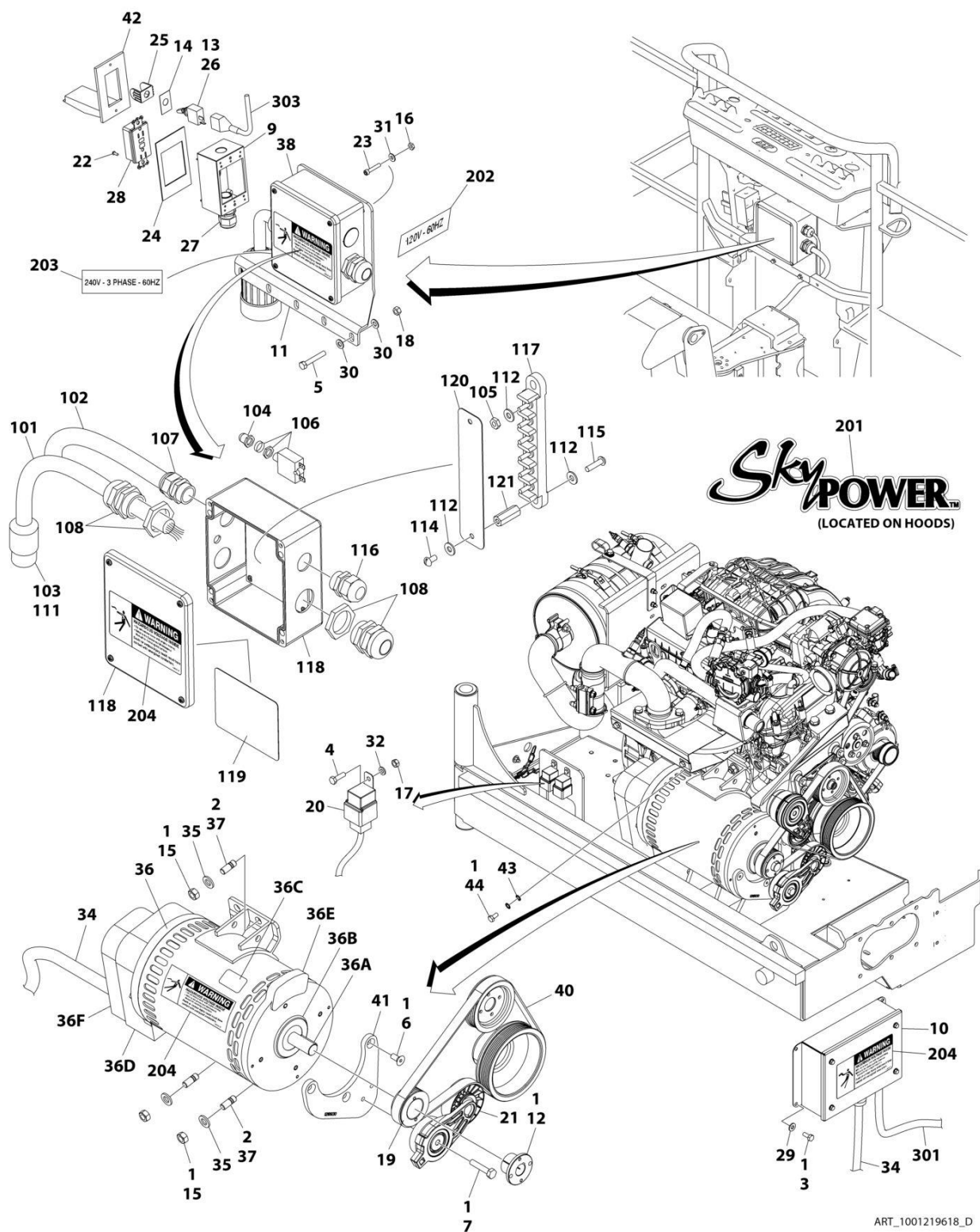
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
39	70001100	1	Rotor (Includes p/n 70001384 & 70000863) (Not Shown)	C
39	70001384	1	Bearing, Ball Radial (Not Shown)	
39	70000863	1	Fan (Not Shown)	
39	70006093	1	Stator (Not Shown)	
39	70002297	1	Stud	
39	70003631	1	Brushholder Assembly (Not Shown) (was p/n 7024484)	
39A	70004099	1	Key	
39B	70001966	1	Bearing, Ball Radial (Located in Belt Tensioner Endbell)	
39B	70003708	1	Ring, Internal Retaining (Located in Belt Tensioner Endbell)	
39B	70003709	1	Ring, External Retaining (Located in Belt Tensioner Endbell)	
39C	70004092	1	Endbell, Belt Tensioner	
39D	70004094	1	Endbell, Brush Block	
39E	70006094	1	Shroud	
39E	70002291	1	Insulator, Endbell	
39E	7027799	1	Block, Connector - 6 Position (Not Shown)	
39E	70002460	1	Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown)	
39E	70006095	1	Breaker, Circuit 30Amp (Not Shown)	
39E	70006096	1	Boot, Breaker (Not Shown)	
39E	7026626	1	Connector, 6 Position (Includes Seal) (Not Shown - Plugs into Item 45)	
39E	7026597	1	Connector with Leads (Not Shown)	
39E	70004098	1	Clamp, Cable (Not Shown)	
39E	70006097	1	Plate, End Panel	
39E	70001974	1	Decal - Terminal Connections	
39F	70001973	1	Decal - Warning Moving Parts	
40	1001142643	1	Support	
41	1001142646	1	Belt	
42	1001157592	1	Junction Box Assembly (See Items 101-121 for Breakdown)	
43	0641616	1	Bolt 3/8 x 2	
44	3311005	4	Nut #10	
	1001157592	Ref	JUNCTION BOX ASSEMBLY	
101	1060343	1.5 ft/ 0.5m	Cable, Electrical 10/4	
102	1001179154	2.5 ft/ 76cm	Cable, Electrical 12/3	
103	1671092	1	Cover, Connector	
104	3300396	1	Cover, Fuse	
105	3311001	6	Nut #10	
106	4360070	1	Circuit Breaker - 15Amp	
108	4460425	1	Connector, Strain Relief	
109	4460426	2	Connector, Strain Relief	
111	4460963	1	Connector	
112	4711000	4	Washer #10	
114	10702077	2	Screw #10 x 3/8	
115	10702082	2	Screw #10 x 3/4	
116	1001152525	1	Plug	
117	1001157520	1	Block, Terminal	
118	1001157521	1	Box, Junction	
119	1001157528	1	Decal - Wiring Schematic	
120	1001158007	1	Cover, PVC	
121	1001158008	1	Stand-Off	
	0272435	Ref	DECAL INSTALLATION	D

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
201	1705460	2	Decal - SkyPower	
202	3251243	1	Decal - 120V-60Hz	
203	1705375	1	Decal - 240V - 3 Phase - 60Hz	
204	1705387	3	Decal - Hazardous Voltage	

SECTION 3 - ENGINE

FIGURE 3-66. 7500W/60HZ SKYPOWER GENERATOR INSTALLATION - FORD ENGINES



SECTION 3 - ENGINE

FIGURE 3-66. 7500W/60HZ SKYPOWER GENERATOR INSTALLATION - FORD ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219618	Ref	7500W SKYPOWER GENERATOR INSTALLATION - FORD ENGINES	D
		Ref	Note: See ELECTRICAL SECTION for Boom Cable Components.	
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0641405	4	Bolt 1/4 x 5/8	
4	0760610	2	Bolt M6 x 20	
5	0641516	3	Bolt 5/16 x 2	
6	0741607	3	Screw 3/8 x 7/8	
7	0761018	1	Bolt M10 x 50	
9	0860038	1	Box, Switch	
10	0861538	1	Control Box Assembly	
10	7024488	1	Card, Circuit - Generator Power	
10	See Note	1	Fuse (Note: Not Available - Purchase Locally)	
10	7024489	1	Card, Circuit - Control	
10	70000619	1	Harness, Circuit Card	
11	0902888	1	Bracket, Box Mounting	
12	0962520	1	Bushing, Split Taper	
13	2820031	1	Heat Shrink	
14	3252764	1	Nameplate - AC & Weld	
15	3291201	4	Nut M12	
16	3311005	4	Nut #10	
17	3290601	2	Nut M6	
18	3311505	3	Nut 5/16	
19	3580314	1	Pulley	
20	3740080	2	Relay	
21	3580317	1	Tensioner, Belt	
22	3910606	2	Screw #6 x 3/8	
23	3931016	4	Capscrew #10 x 1	
24	3960422	1	Gasket	
25	4060802	1	Guard, Switch	
26	4360336	1	Switch, Toggle	
27	4460071	1	Connector, Strain Relief	
28	4460346	1	Receptacle	
29	4711400	4	Washer 1/4	
30	4711500	6	Washer 5/16	
31	4751000	4	Washer #10	
32	4811700	2	Washer M6	
34	4922925	1	Harness, Generator	
35	5241200	4	Washer M12	
36	1001136104	1	Generator Assembly	
36	70003631	1	Brushholder Assembly (Not Shown) (was p/n 7024484)	
36	7024485	1	Breaker, Circuit 30Amp (Not Shown)	
36	70001696	1	Boot, Breaker (was p/n 7024486 - Not Shown)	
36	70001966	1	Bearing, Ball Radial (Located In Belt Tensioner Endbell - Not Shown)	
36	7027799	1	Block, Connector 6 Position (Not Shown)	
36	70002460	6	Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown)	
36	7026188	1	Clamp, Cable (Not Shown)	
36	7026597	1	Connector, W/Leads (Not Shown)	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
36	7026626	1	Connector - 6 Position with Seal (Not Shown)	C
36	70002088	1	Stator (Not Shown)	
36	70004169	1	Panel, End (Not Shown) (was p/n 70002255)	
36	70001974	1	Decal - Terminal Connections (Not Shown)	
36	70000863	1	Fan (Not Shown)	
36	70002297	4	Stud (Not Shown)	
36A	70004171	1	Key (was p/n 7024561)	
36A	70001100	1	Armature, Generator (Includes Radial Ball Bearing on End with Brushes and Fan)	
36A	70001384	1	Bearing, Ball Radial	
36B	70001966	1	Bearing, Radial Ball	
36B	70003708	1	Ring, Internal Retaining (Located in Belt Tensioner Endbell)	
36B	70003709	1	Ring, External Retaining (Located in Belt Tensioner Endbell)	
36C	70001973	1	Decal - Warning Moving Parts	
36D	70004169	1	Endbell, Brush Block (was p/n 70001385)	
36E	70001953	1	Endbell, Belt Tensioner	
36F	70004169	1	Endbell, Shroud Assembly (was p/n 70002290)	
37	1001196382	4	Stud	
38	1001157592	1	Junction Box Assembly (See Items 101-121 for Breakdown)	
40	1001216390	1	V-Belt	
41	1001218930	1	Mount, Tensioner	
42	1001110873	1	Cover, Receptacle	
43	4871700	2	Washer M6	
44	0760606	1	Bolt M6 x 12	
	1001157592	Ref	JUNCTION BOX ASSEMBLY	
101	1060343	1.5 ft /0.46m	Cable, Electrical - 10/4 (60Hz Only)	
102	1001179154	2.5 ft /0.76m	Cable Electrical - 12/3	
103	1671092	1	Cover, Connector	
104	3300396	1	Cover, Fuse	
105	3311001	6	Nut #10	
106	4360070	1	Breaker, Circuit 15Amp	
107	4460425	1	Connector, Strain Relief	
108	4460426	2	Connector, Strain Relief	
111	4460963	1	Receptacle	
112	4711000	10	Washer #10	
114	10702077	2	Screw #10 x 3/8	
115	10702082	2	Screw #10 x 3/4	
116	1001152525	1	Plug, Hole	
117	1001157520	1	Block, Terminal Pole	
118	1001157521	1	Box, Junction	
119	1001157528	1	Decal - Box Junction	
120	1001158007	1	Cover	
121	1001158008	2	Standoff	
	0272435	Ref	DECAL INSTALLATION	D
201	1705460	2	Decal - SkyPower	B
202	3251243	1	Decal - 120V - 60Hz (60Hz Spec Only) (Located on Opposite Side)	
203	1705375	1	Decal - 240V - 3 Phase	
204	1705387	3	Decal, Hazardous Voltage	
	1001221498	Ref	ELECTRICAL DIAGRAM COMPONENTS	
301	1001257972	1	Generator to Engine Harness (See Separate Breakdown in	

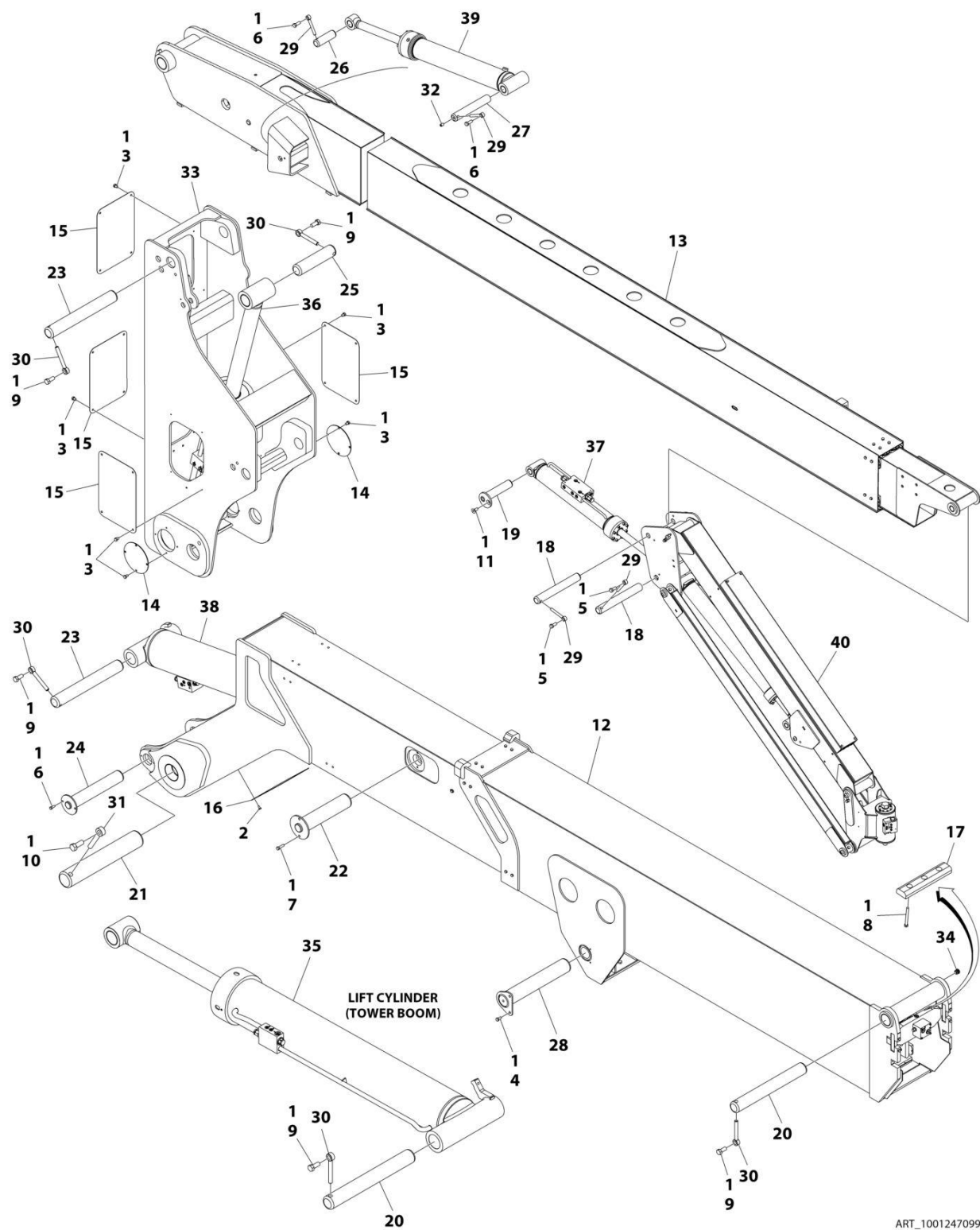
SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
303	4922641	1	ELECTRICAL SECTION) Generator On/Off Switch Harness	

SECTION 4 - BOOM

SECTION 4 - BOOM

FIGURE 4-1. BOOM INSTALLATION - WITHOUT ARCTIC PACKAGE



ART_1001247099

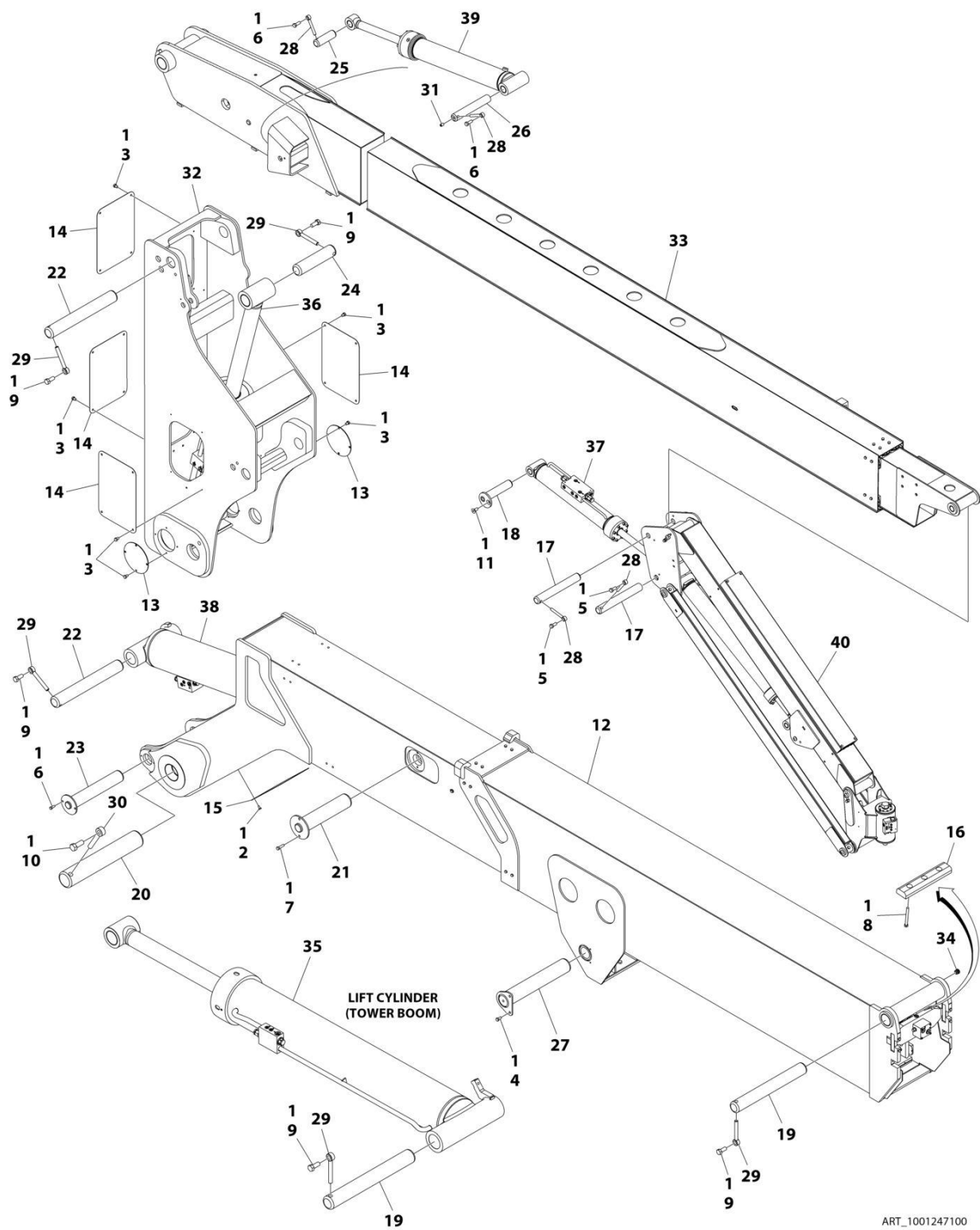
SECTION 4 - BOOM

FIGURE 4-1. BOOM INSTALLATION - WITHOUT ARCTIC PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001247099	Ref	BOOM INSTALLATION	D
1	0100011	AR	Compound, Locking	
2	0641404	4	Bolt 1/4 x 1/2	
3	0641604	24	Bolt 3/8 x 1/2	
4	0641606	2	Bolt 3/8 x 3/4	
5	0641607	2	Bolt 3/8 x 7/8	
6	0641608	4	Bolt 3/8 x 1	
7	0641611	2	Bolt 3/8 x 1-3/8	
8	0641840	3	Bolt 1/2 x 5	
9	0642214	5	Bolt 3/4 x 1-3/4	
10	0642620	1	Bolt 1 x 2-1/2	
11	0741607	1	Screw 3/8 x 7/8	
12	0801132	1	Boom Assembly - Tower (See Separate Breakdown in this Section)	
13	0801136	1	Boom Assembly - Main (See Separate Breakdown in this Section)	
14	1120510	2	Cover, Upright	
15	1670844	4	Cover, Upright	
16	1670850	1	Cover, Tower Fly	
17	3340835	1	Pad Rest	
18	3422561	2	Pin	
19	3422583	1	Pin	
20	3422681	2	Pin	
21	3422683	1	Pin	
22	3422684	1	Pin	
23	3422685	2	Pin	
24	3422686	1	Pin	
25	3422687	1	Pin	
26	3422688	1	Pin	
27	3422689	1	Pin	
28	3422729	1	Pin	
29	3841143	4	Keeper, Pin	
30	3841287	5	Keeper, Pin	
31	3841356	1	Keeper, Pin	
32	3900239	1	Set Screw	
33	4845593	1	Upright	
34	1001213705	1	Cap	
35	1001251009	1	Lift Cylinder Assembly - Tower Boom (See Separate Breakdown in CYLINDER Section)	
36	1001251010	1	Lift Cylinder Assembly - Main Boom (See Separate Breakdown in CYLINDER Section)	
37	1001228030	1	Level Cylinder Assembly - Platform Slave (See Separate Breakdown in CYLINDER Section)	
38	1001251041	1	Level Cylinder Assembly - Upright (See Separate Breakdown in CYLINDER Section)	
39	1001228050	1	Master Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
40	1001247147	1	Jib Assembly (See Separate Breakdown in this Section)	

SECTION 4 - BOOM

FIGURE 4-2. BOOM INSTALLATION - WITH ARCTIC PACKAGE



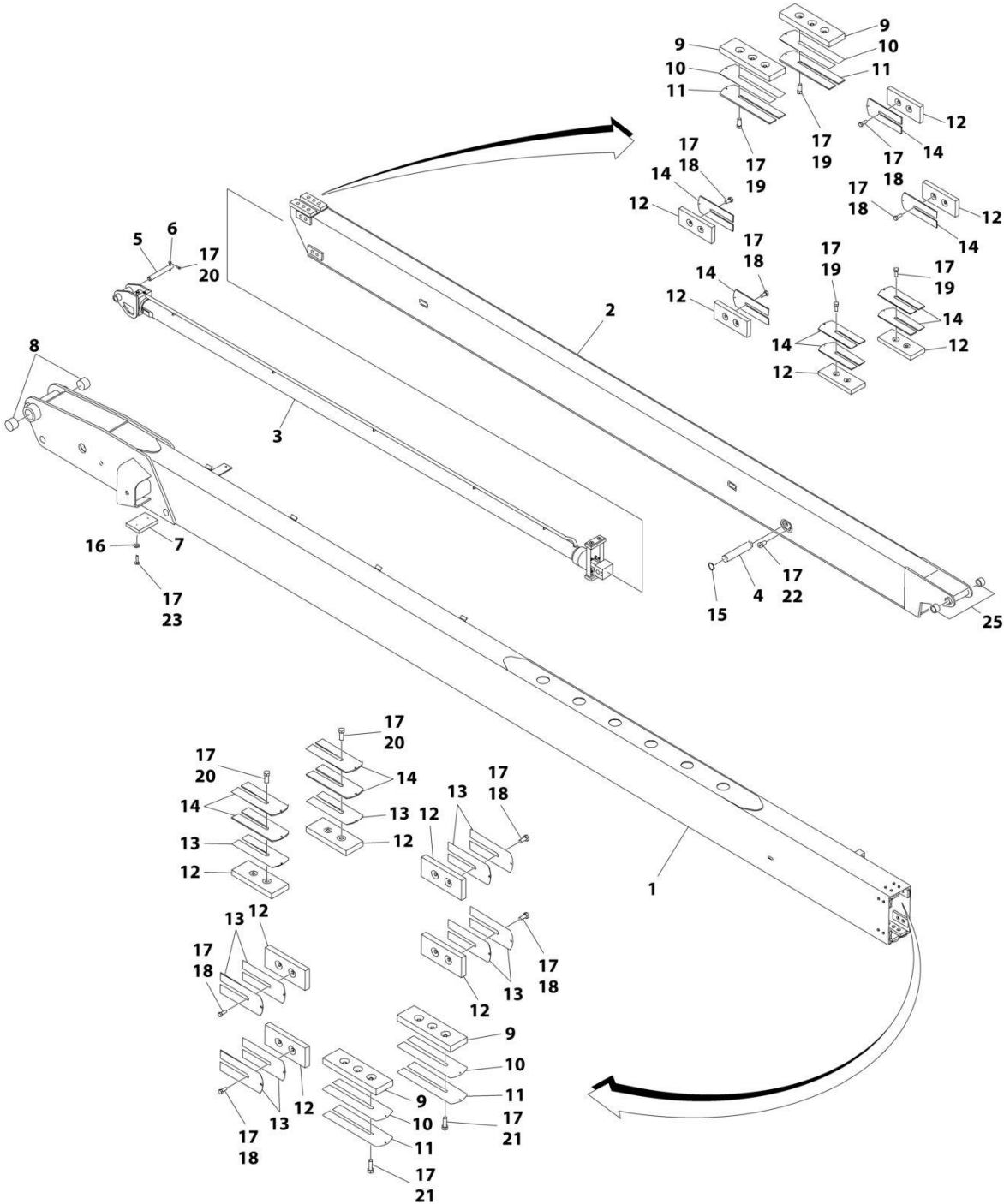
SECTION 4 - BOOM

FIGURE 4-2. BOOM INSTALLATION - WITH ARCTIC PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001247100	Ref	BOOM INSTALLATION - 800AJ WITH ARTIC PACKAGE	D
1	0100011	AR	Compound, Locking	
2	0641404	4	Bolt 1/4 x 1/2	
3	0641604	24	Bolt 3/8 x 1/2	
4	0641606	2	Bolt 3/8 x 3/4	
5	0641607	2	Bolt 3/8 x 7/8	
6	0641608	4	Bolt 3/8 x 1	
7	0641611	2	Bolt 3/8 x 1-3/8	
8	0641840	3	Bolt 1/2 x 5	
9	0642214	5	Bolt 3/4 x 1-3/4	
10	0642620	1	Bolt 1 x 2-1/2	
11	0741607	1	Screw 3/8 x 7/8	
12	0801132	1	Boom Assembly - Tower (See Separate Breakdown in this Section)	
13	1120510	2	Cover, Upright	
14	1670844	4	Cover, Upright	
15	1670850	1	Cover, Tower Fly	
16	3340835	1	Pad Rest	
17	3422561	2	Pin	
18	3422583	1	Pin	
19	3422681	2	Pin	
20	3422683	1	Pin	
21	3422684	1	Pin	
22	3422685	2	Pin	
23	3422686	1	Pin	
24	3422687	1	Pin	
25	3422688	1	Pin	
26	3422689	1	Pin	
27	3422729	1	Pin	
28	3841143	4	Keeper, Pin	
29	3841287	5	Keeper, Pin	
30	3841356	1	Keeper, Pin	
31	3900239	1	Set Screw	
32	4845593	1	Upright	
33	1001149286	1	Boom Assembly - Main (See Separate Breakdown in this Section)	
34	1001213705	1	Cap	
35	1001251009	1	Lift Cylinder Assembly - Tower Boom (See Separate Breakdown in CYLINDER SECTION)	
36	1001251010	1	Lift Cylinder Assembly - Main Boom (See Separate Breakdown in CYLINDER SECTION)	
37	1001228030	1	Level Cylinder Assembly - Platform Slave (See Separate Breakdown in CYLINDER SECTION)	
38	1001251041	1	Level Cylinder Assembly - Upright (See Separate Breakdown in CYLINDER SECTION)	
39	1001228050	1	Master Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
40	1001247147	1	Jib Assembly (See Separate Breakdown in this Section)	

SECTION 4 - BOOM

FIGURE 4-3. BOOM ASSEMBLY - MAIN (WITHOUT ARCTIC PACKAGE)



ART_0801136

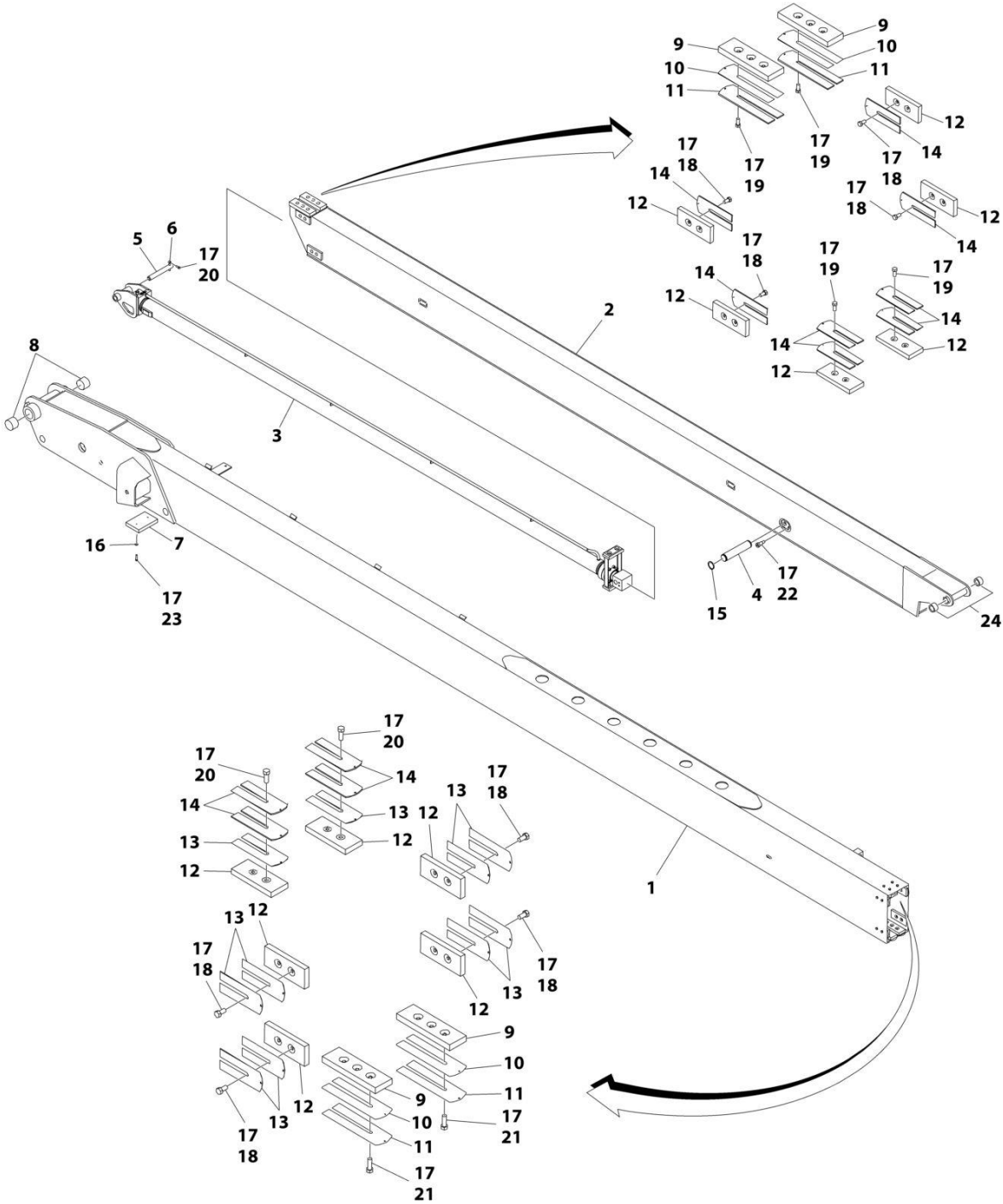
SECTION 4 - BOOM

FIGURE 4-3. BOOM ASSEMBLY - MAIN (WITHOUT ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0801136	Ref	MAIN BOOM ASSEMBLY	N
1	0801591	1	Base, Boom	
2	0801573	1	Fly, Boom	
3	1001228087	1	Telescope Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
4	3422457	1	Pin	
5	3422690	1	Pin	
6	3841143	1	Keeper, Pin	
7	0561295	1	Block, Boom Rest	
8	0962102	2	Bushing	
9	3340871	4	Pad, Wear	
10	4070863	4	Shim 1/8	
11	4070864	4	Shim .05	
12	1001148652	12	Pad, Wear	
13	4070897	10	Shim .05	
14	4070898	12	Shim 1/8	
15	3760133	2	Ring, Retaining	
16	4711600	2	Washer 3/8	
17	0100011	AR	Compound, Locking	
18	0641606	16	Bolt 3/8 x 3/4	
19	0641607	10	Bolt 3/8 x 7/8	
20	0641608	5	Bolt 3/8 x 1	
21	0641609	6	Bolt 3/8 x 1-1/8	
22	3900259	4	Bolt, Shoulder	
23	0641612	2	Bolt 3/8 x 1-1/2	
25	0961951	2	Bushing	

SECTION 4 - BOOM

FIGURE 4-4. BOOM ASSEMBLY - MAIN (WITH ARCTIC PACKAGE)



ART_1001149286_D

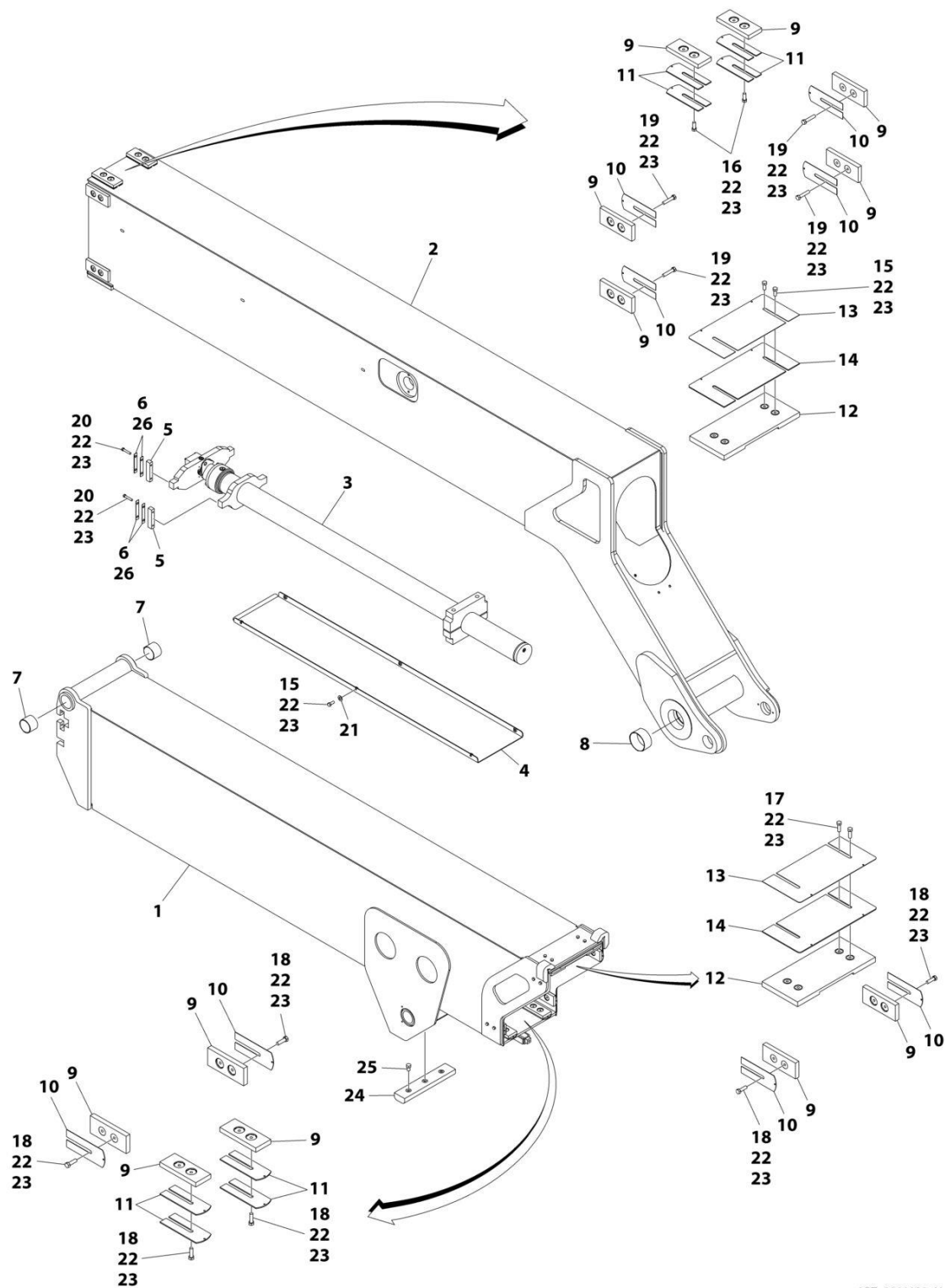
SECTION 4 - BOOM

FIGURE 4-4. BOOM ASSEMBLY - MAIN (WITH ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001149286	Ref	MAIN BOOM ASSEMBLY	D
1	0801591	1	Base, Boom	
2	0801573	1	Fly, Boom	
3	1001251087	1	Telescope Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
4	3422457	1	Pin	
5	3422690	1	Pin	
6	3841143	1	Keeper, Pin	
7	0561295	1	Block, Boom Rest	
8	0962102	2	Bushing	
9	3340871	4	Pad, Wear	
10	4070863	4	Shim 1/8	
11	4070864	4	Shim .05	
12	1001148652	12	Pad, Wear	
13	4070897	10	Shim .05	
14	4070898	12	Shim 1/8	
15	3760133	2	Ring, Retaining	
16	4711600	2	Washer 3/8	
17	0100011	AR	Compound, Locking	
18	0641606	16	Bolt 3/8 x 3/4	
19	0641607	10	Bolt 3/8 x 7/8	
20	0641608	5	Bolt 3/8 x 1	
21	0641609	6	Bolt 3/8 x 1-1/8	
22	3900259	4	Bolt, Shoulder	
23	0641612	2	Bolt 3/8 x 1-1/2	
24	0961951	2	Bushing	

SECTION 4 - BOOM

FIGURE 4-5. TOWER BOOM ASSEMBLY



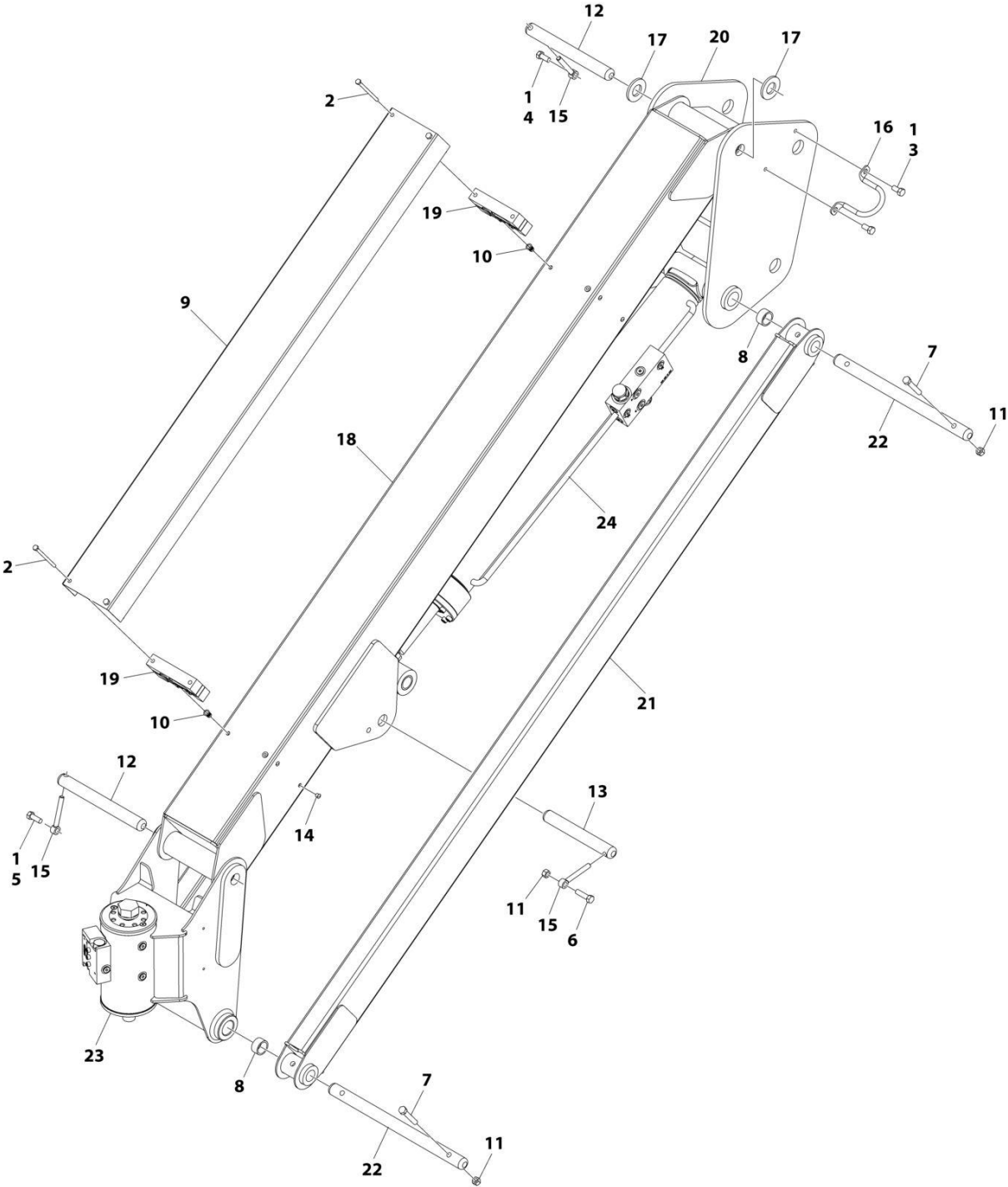
ART_0801132_H

FIGURE 4-5. TOWER BOOM ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0801132	Ref	TOWER BOOM ASSEMBLY	H
1	0801594	1	Base, Boom	
2	0801496	1	Fly, Boom	
3	1001228086	1	Tower Telescope Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
4	4340706	1	Support	
5	0561185	4	Block, Attach	
6	4070929	4	Shim 1/16	
7	0962102	2	Bushing	
8	0962122	2	Bushing	
9	3340881	12	Pad, Wear	
10	4070897	8	Shim .05	
11	4070898	8	Shim .12	
12	3340828	2	Pad, Wear	
13	4070967	2	Shim .05	
14	4070968	2	Shim .12	
15	0641607	10	Bolt 3/8 x 7/8	
16	0641608	4	Bolt 3/8 x 1	
17	0641609	4	Bolt 3/8 x 1-1/8	
18	0641610	12	Bolt 3/8 x 1-1/4	
19	0641615	8	Bolt 3/8 x 1-7/8	
20	0641616	8	Bolt 3/8 x 2	
21	4711600	6	Washer 3/8	
22	0100011	AR	Compound, Locking	
23	0100038	AR	Primer, Locking	
24	3340835	1	Pad, Boom Rest	
25	0641806	3	Bolt 1/2 x 3/4	
26	4071007	4	Shim 20Ga	

SECTION 4 - BOOM

FIGURE 4-6. JIB ASSEMBLY



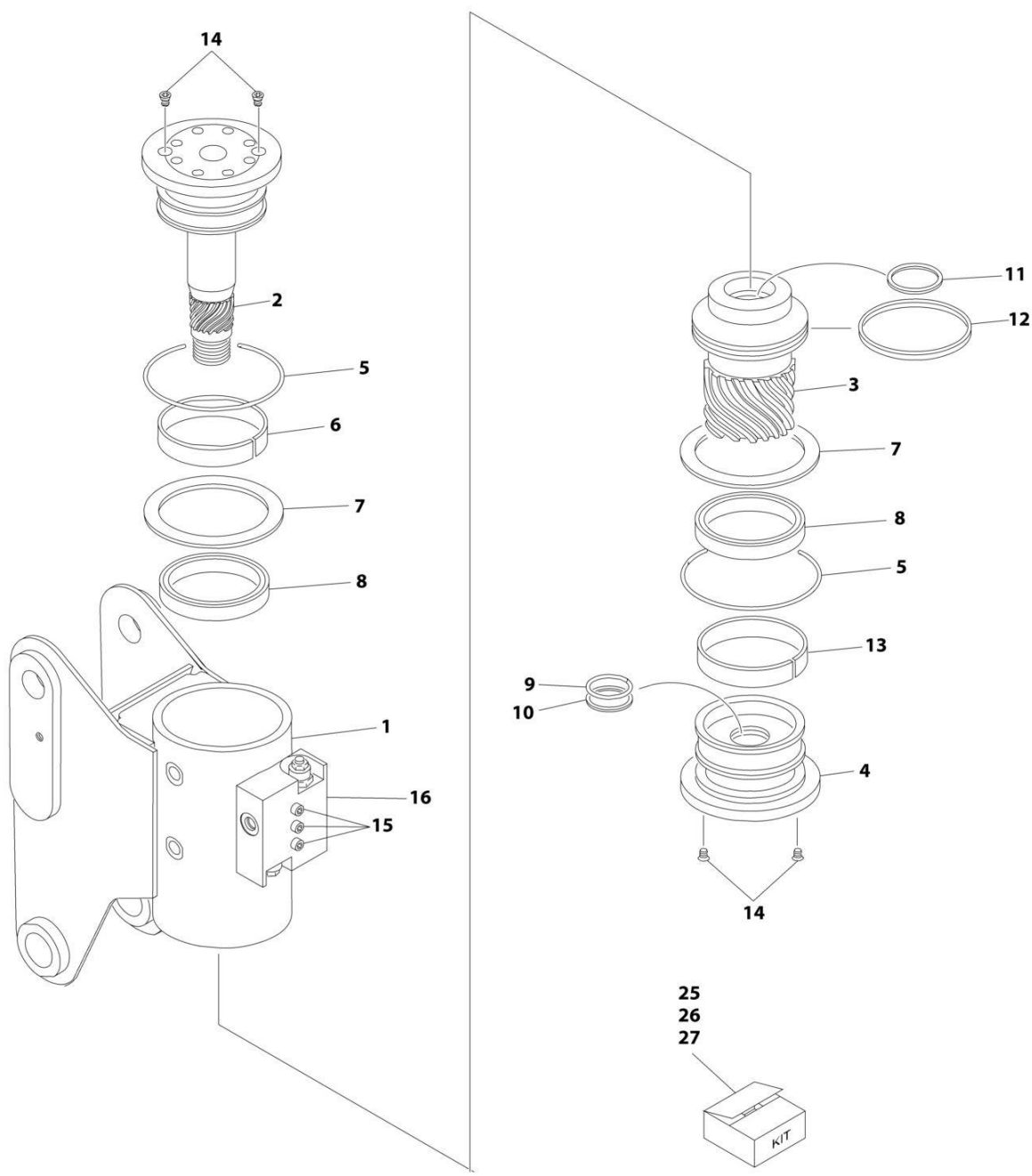
ART_1001247147_C

FIGURE 4-6. JIB ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001247147	Ref	JIB ASSEMBLY	C
1	0100011	AR	Compound, Locking	
2	0700626	4	Bolt M6 x 90	
3	0641606	2	Bolt 3/8 x 3/4	
4	0641607	1	Bolt 3/8 x 7/8	
5	0641608	1	Bolt 3/8 x 1	
6	0641611	1	Bolt 3/8 x 1-3/8	
7	0641618	4	Bolt 3/8 x 2-1/4	
8	0961947	6	Bearing	
9	1671034	1	Cover	
10	1001176636	4	Fastner M6	
11	3311605	5	Nut 3/8	
12	3422860	2	Pin	
13	3422867	1	Pin	
14	3520034	8	Plug	
15	3841143	3	Keeper, Pin	
16	3841340	1	Loop, Hose	
17	4740439	2	Washer	
18	4844816	1	Tube (Top)	
19	1001165350	2	Block, Clamp	
20	1001170548	1	Pivot	
21	4844817	2	Link	
22	3422861	2	Pin	
23	1001217780	1	Rotator Assembly (See Separate Breakdown in this Section)	
24	1001248012	1	Lift Cylinder Assembly - Jib (See Separate Breakdown in CYLINDER Section)	

SECTION 4 - BOOM

FIGURE 4-7. ROTATOR ASSEMBLY



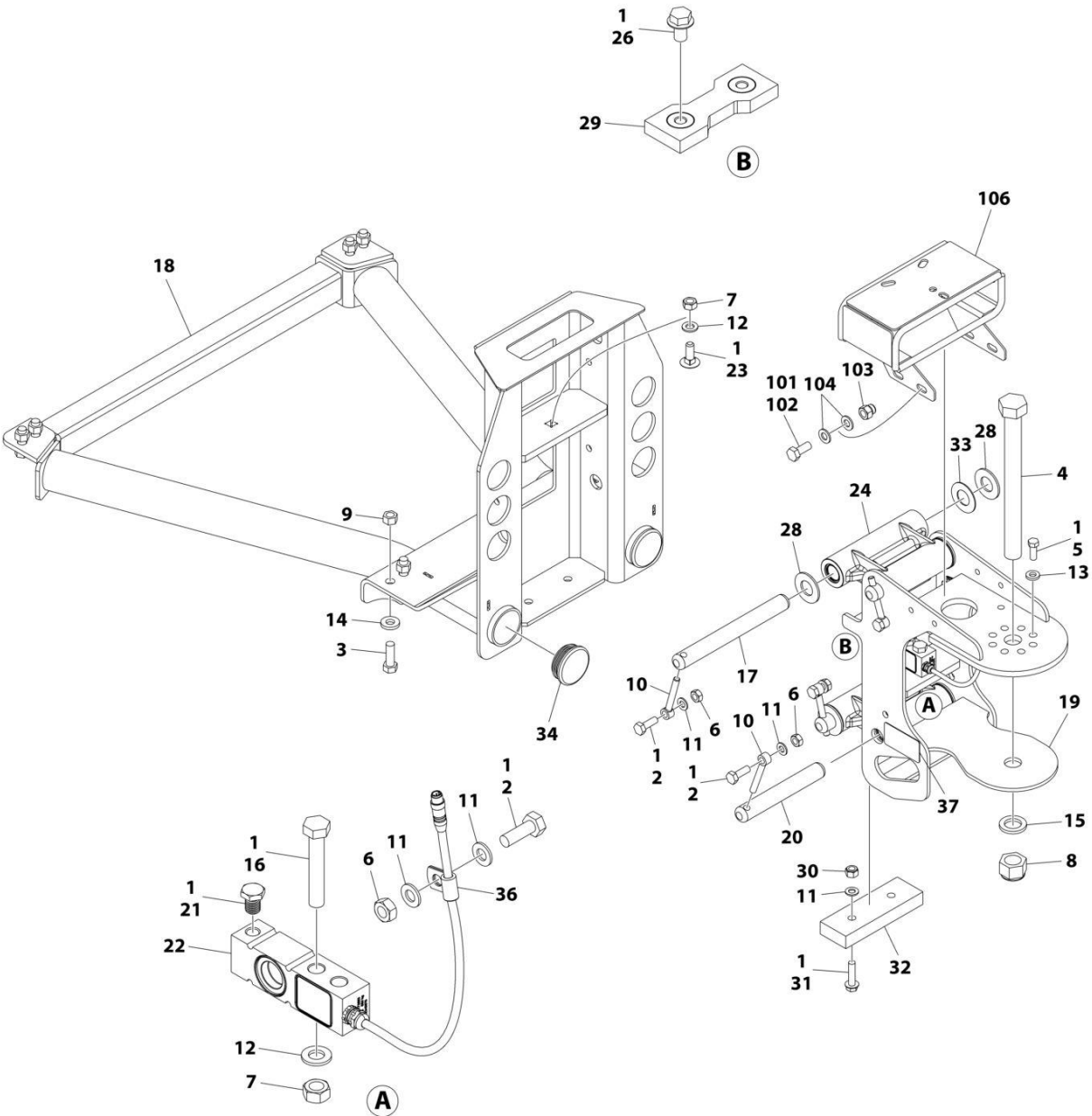
ART_1001217780

FIGURE 4-7. ROTATOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217780	Ref	ROTATOR ASSEMBLY	A
1	See Note	NSS	Housing/Ring Gear Assembly (Note: Not Available - Purchase Complete Assembly)	
2	7017162	1	Shaft	
2	7017195	2	Bushing, Shaft	
3	7017163	1	Piston/Sleeve Assembly	
4	7017164	1	Cap, End	
5	See Note	NSS	O-Ring (Note: Use Item 25)	
6	See Note	NSS	Bearing, Shaft (Note: Use Item 26)	
7	See Note	NSS	Washer, Thrust (Note: Use Item 26)	
8	See Note	NSS	Packing, Bearing (Note: Use Item 25)	
9	See Note	NSS	Seal, Cap (Note: Use Item 25)	
10	See Note	NSS	Ring, Back-up Cap (Note: Use Item 25)	
11	See Note	NSS	Seal, Rod (Note: Use Item 25)	
12	See Note	NSS	Seal, Piston (Note: Use Item 25)	
13	See Note	NSS	Bearing, Cap (Note: Use Item 26)	
14	70001697	6	Capscrew 1/4 x 3/8 Grade 8	
15	See Note	3	Bolt 1/4 x 1-1/2 Grade 8 (Note: Not Available - Purchase Locally)	
16	7017172	1	Valve Assembly	
16	7017192	2	Cartridge, Valve	
16	See Note	NSS	Seal Kit - 7017192 Valve (Note: Not Available - Purchase Cartridge)	
16	See Note	NSS	Cartridge, Valve (Not Shown - Located on Side of Block) (Note: Not Available - Purchase Complete Valve)	
16	See Note	NSS	Seal Kit - Valve Located on Side of Block (Note: Not Available - Purchase Cartridge)	
25	70000342	1	Seal Kit (Includes Items 5, 8-12 & 27)	
26	7017159	1	Bearing Kit (Includes Items 6, 7 & 13)	
27	7017142	1	Hardware Kit (Includes Dowel Pins, Plugs and Item 14)	

SECTION 4 - BOOM

FIGURE 4-8. SUPPORT, PLATFORM INSTALLATION



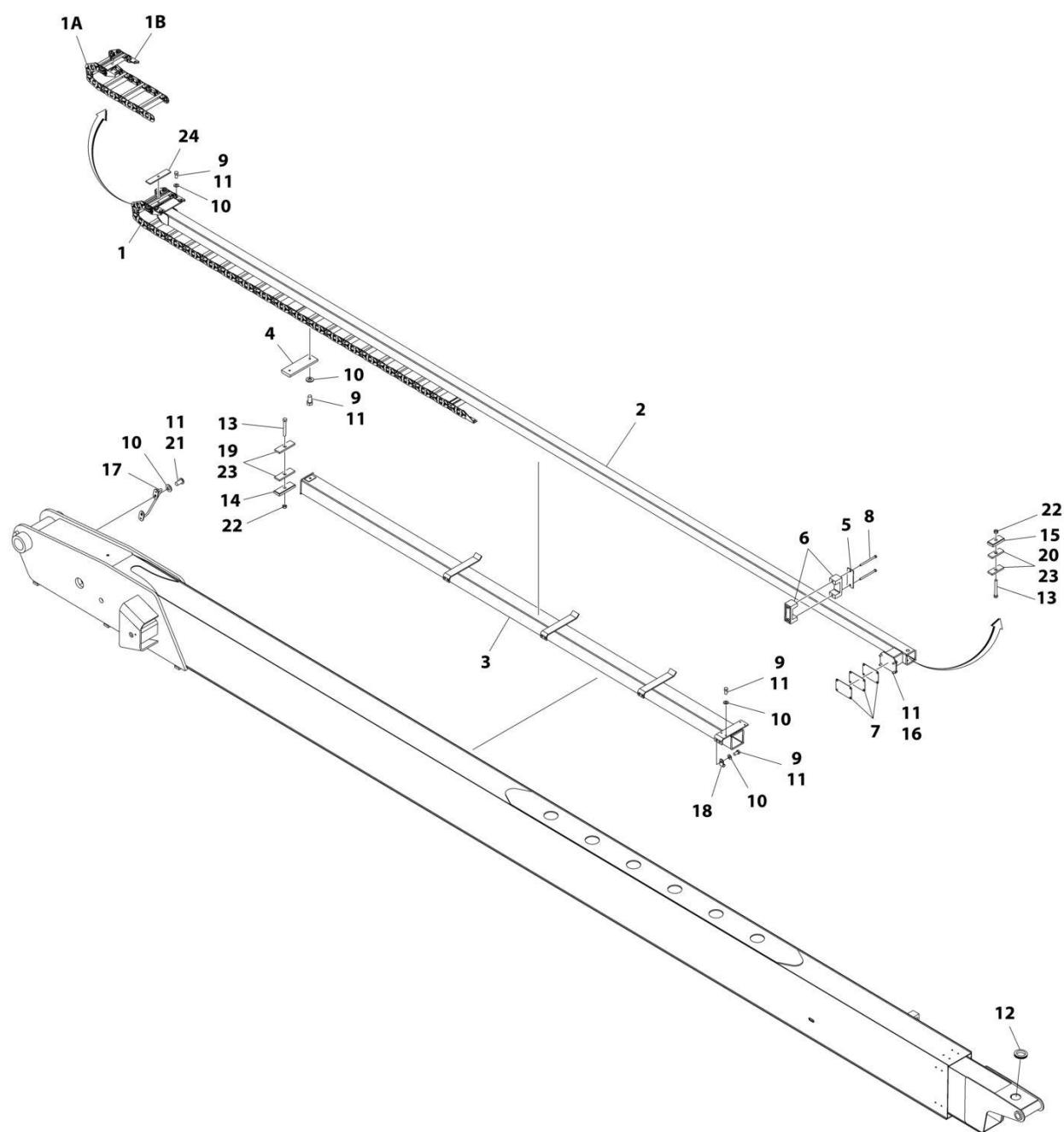
ART_1001167596

FIGURE 4-8. SUPPORT, PLATFORM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167596	Ref	PLATFORM SUPPORT INSTALLATION	N
1	0100011	AR	Compound, Locking	
2	0761014	5	Bolt M10 x 30	
3	0761216	8	Bolt M12 x 40	
4	1001255133	1	Bolt 1 x 11	
5	0681608	8	Bolt 3/8 x 1	
6	3291001	5	Nut M10	
7	3291201	3	Nut M12	
8	1001174040	1	Nut 1	
9	3291205	8	Nut M12	
10	3841143	4	Keeper, Pin	
11	4812000	8	Washer M10	
12	4812100	3	Washer M12	
13	4891600	8	Washer 3/8	
14	5241200	8	Washer M12	
15	4892600001	1	Washer 1	
16	1001098828	2	Bolt M12 x 70 Grade 10.9	
17	1001167565	2	Pin	
18	1001200494	1	Support, Platform	
19	1001167567	1	Support, Rotator	
20	1001168402	2	Pin	
21	1001188622	1	Screw	
22	1001247468	1	Gauge, Load Sensing	
23	1001188844	1	Bolt M12 x 35	
24	1001201351	2	Link	
26	5251008	2	Bolt M10 x 16	
28	1001189002	8	Bearing	
29	1001190985	1	Pad, Wear	
30	3291005	2	Nut M10	
31	5251016	2	Bolt M10 x 40	
32	1001200491	1	Pad, Wear	
33	1001189001	4	Bearing	
34	1001204725	2	Plug	
36	91203039	1	Clamp	
37	1001216630	2	Decal - Tie Down/No Lift	
38	1001238421	Ref	Kit, Platform Leveling (Not Shown)	
	1001202687	Ref	VALVE MOUNT INSTALLATION	B
101	0100011	AR	Compound, Locking	
102	0760810	4	Bolt M8 x 20	
103	3290806	4	Nut M8	
104	4811900	8	Washer M8	
106	1001208994	1	Mount, Valve	

SECTION 4 - BOOM

FIGURE 4-9. POWER TRACK INSTALLATION - MAIN BOOM



ART_0258077

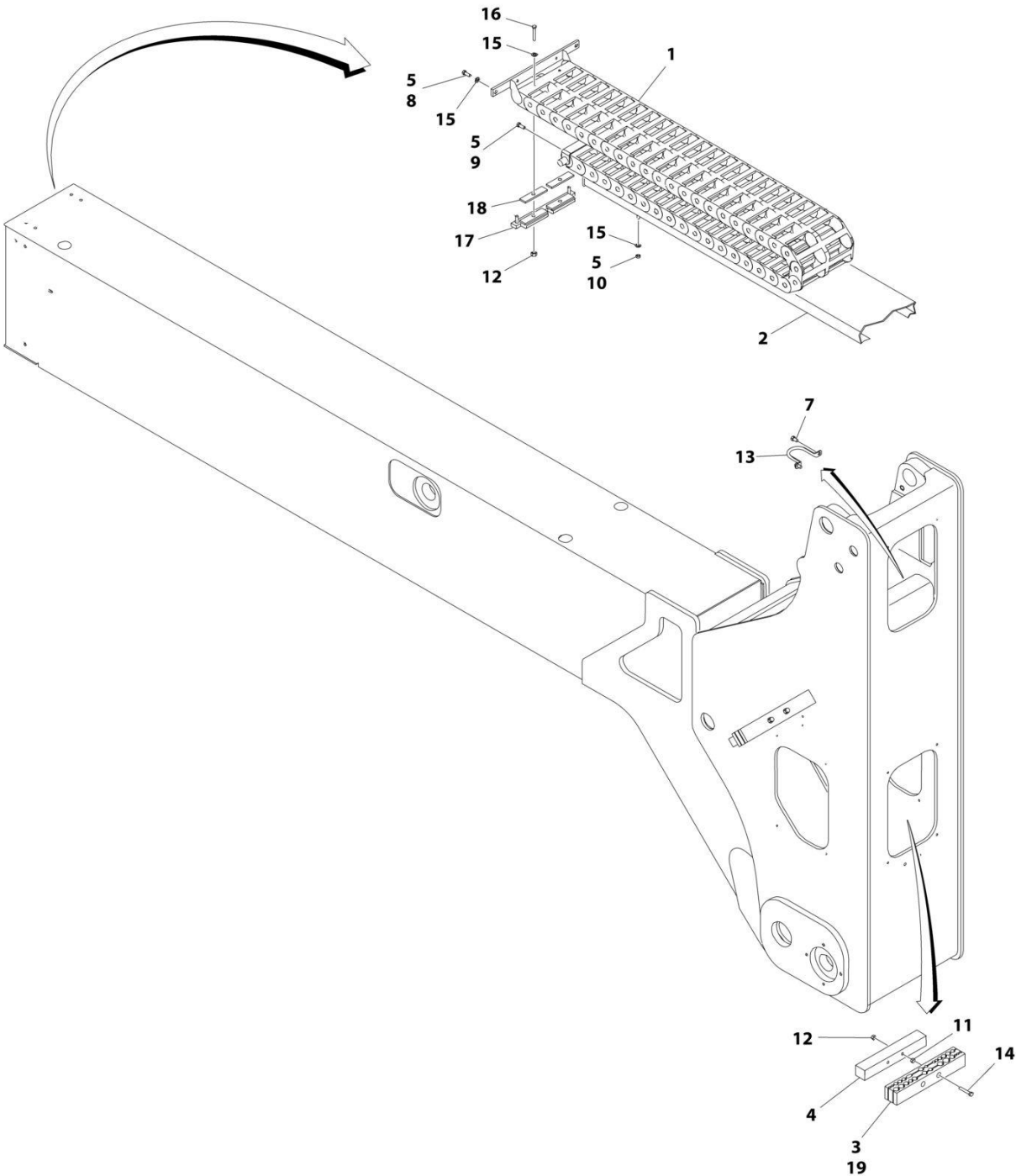
SECTION 4 - BOOM

FIGURE 4-9. POWER TRACK INSTALLATION - MAIN BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0258077	Ref	POWER TRACK INSTALLATION	K
1	1001099837	1	Track, Power	
1A	70002013	AR	Carrier Repair Section (Includes 1 Pin Assembly for each end)	
1B	70002014	1	Mounting Foot Kit (Includes Both Pair of Feet)	
2	1001170527	1	Tube, Push	
3	4845730	1	Support	
4	3340840	1	Pad	
5	1001136400	1	Plate, Backing	
6	3340764	2	Pad	
7	4070969	3	Shim 16 Gauge	
8	0641640	2	Bolt 3/8 x 5	
9	0641606	18	Bolt 3/8 x 3/4	
10	4711600	20	Washer 3/8	
11	0100011	AR	Compound, Locking	
12	4060805	8 in/ 20cm	Flex-Trim	
13	0641624	2	Bolt 3/8 x 3	
14	1320289	1	Clamp	
15	1320288	1	Clamp	
16	0641607	4	Bolt 3/8 x 7/8	
17	3841406	1	Loop, Hose	
18	91203039	1	Pad	
19	3340943	2	Pad, Rubber	
20	3340941	2	Pad	
21	3900283	2	Screw 3/8 x 3/4	
22	3311605	2	Nut 3/8	
23	0100081	AR	Adhesive	
24	4071052	2	Shim 1/4	

SECTION 4 - BOOM

FIGURE 4-10. POWER TRACK INSTALLATION - TOWER BOOM WITHOUT ARCTIC PACKAGE



ART_1001171203

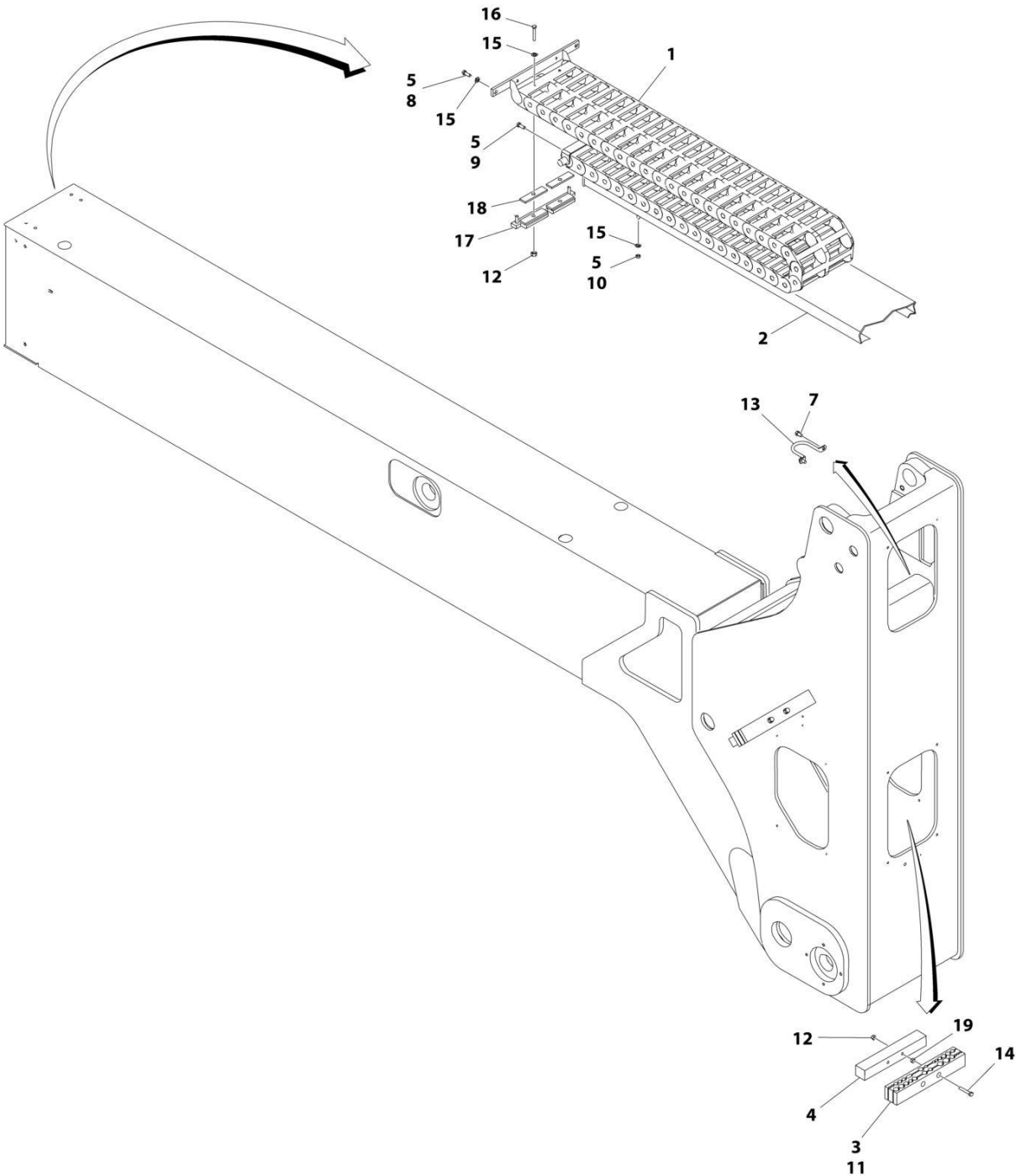
SECTION 4 - BOOM

FIGURE 4-10. POWER TRACK INSTALLATION - TOWER BOOM WITHOUT ARCTIC PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171203	Ref	POWER TRACK INSTALLATION	D
1	1180346	1	Track, Power	
1	7020064	1	Bracket, End (Moving)	
1	7020065	1	Bracket, End (Fixed)	
1	7020066	1	Section, Repair	
1	7020067	1	Link, Repair	
2	4845680	1	Tube, Hose	
3	0100038	AR	Primer, Locking	
4	1320250	2	Bar	
5	0100011	AR	Compound, Locking	
7	0641605	2	Bolt 3/8 x 5/8	
8	0641606	2	Bolt 3/8 x 3/4	
9	0641622	2	Bolt 3/8 x 2-3/4	
10	3311601	4	Nut 3/8	
11	3311602	4	Nut 3/8	
12	3311605	6	Nut 3/8	
13	3841340	1	Rod, Hose Loop	
14	3900262	4	Bolt 3/8 x 4-3/4	
15	4711600	8	Washer 3/8	
16	0641624	2	Bolt 3/8 x 3	
17	0259420	1	Clamp	
17	3340859	2	Pad	
18	3340859	2	Pad	
19	1001172179	2	Clamp, Block	

SECTION 4 - BOOM

FIGURE 4-11. POWER TRACK INSTALLATION - TOWER BOOM WITH ARCTIC PACKAGE



ART_1001171202

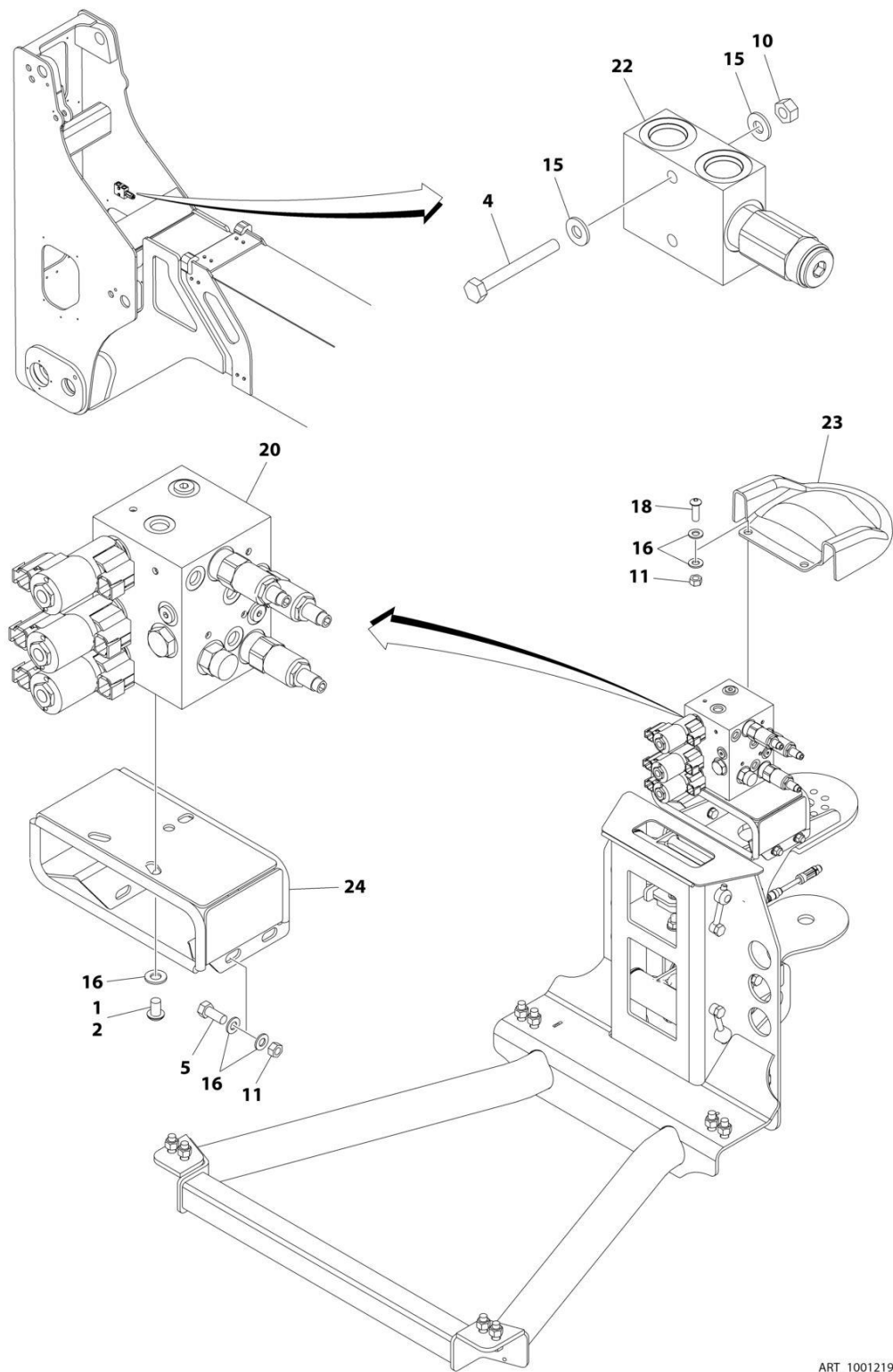
SECTION 4 - BOOM

FIGURE 4-11. POWER TRACK INSTALLATION - TOWER BOOM WITH ARCTIC PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171202	Ref	POWER TRACK INSTALLATION	C
1	1180346	1	Track, Power	
1	7020064	1	Bracket, End (Moving)	
1	7020065	1	Bracket, End (Fixed)	
1	7020066	1	Section, Repair	
1	7020067	1	Link, Repair	
2	4845680	1	Tube, Hose	
3	0100038	AR	Primer, Locking	
4	1320250	2	Bar	
5	0100011	AR	Compound, Locking	
7	0641605	2	Bolt 3/8 x 5/8	
8	0641606	2	Bolt 3/8 x 3/4	
9	0641622	2	Bolt 3/8 x 2-3/4	
10	3311601	4	Nut 3/8	
11	1001172179	2	Clamp, Block	
12	3311605	6	Nut 3/8	
13	3841340	1	Hose	
14	3900262	4	Bolt 3/8 x 4-3/4	
15	4711600	8	Washer 3/8	
16	0641624	2	Bolt 3/8 x 3	
17	0259420	1	Clamp	
17	3340859	2	Pad	
18	3340859	2	Pad	
19	3311602	4	Nut 3/8	

SECTION 4 - BOOM

FIGURE 4-12. CONTROL VALVES INSTALLATION - WITH 2WS



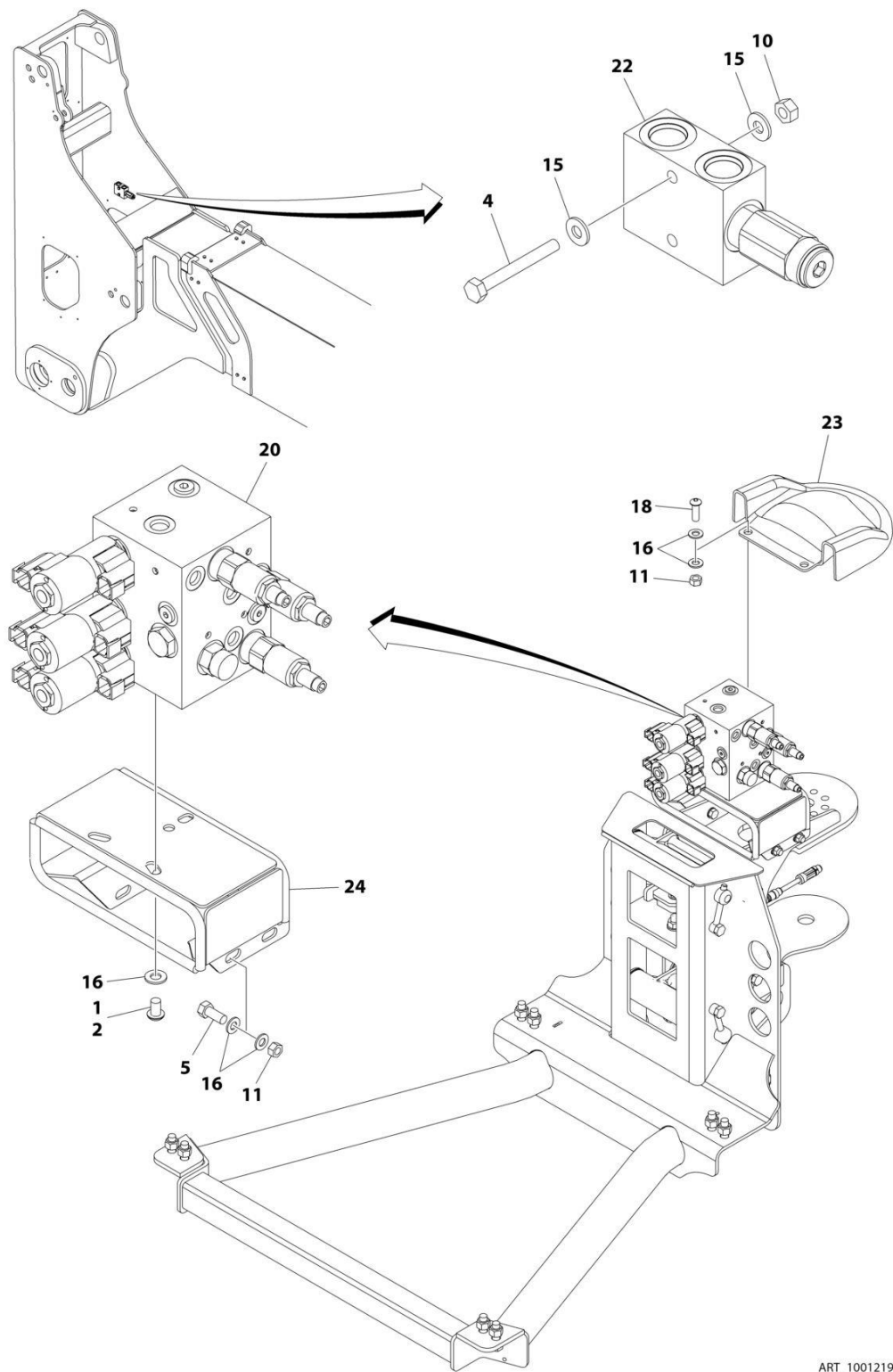
ART_1001219985_20F2

FIGURE 4-12. CONTROL VALVES INSTALLATION - WITH 2WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219985	Ref	BOOM VALVES INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0630467	3	Screw 5/16 x 1/2	
4	0641418	4	Bolt 1/4 x 2-1/4	
5	0641507	4	Bolt 5/16 x 7/8	
10	3311405	2	Nut 1/4	
11	3311505	6	Nut 5/16	
15	4711400	11	Washer 1/4	
16	4711500	15	Washer 5/16	
18	88261024	2	Capscrew 5/16 x 1	
20	1001152565	1	Boom Valve Assembly (See Separate Breakdown in this Section)	
22	1001200054	1	Valve Assembly (Relief)	
22	7012970	1	Cartridge, Valve	
22	7012953	1	Seal Kit - 7012970 Valve	
23	1001207969	1	Cover	
24	1001208994	1	Mount	

SECTION 4 - BOOM

FIGURE 4-13. CONTROL VALVES INSTALLATION - WITH 4WS



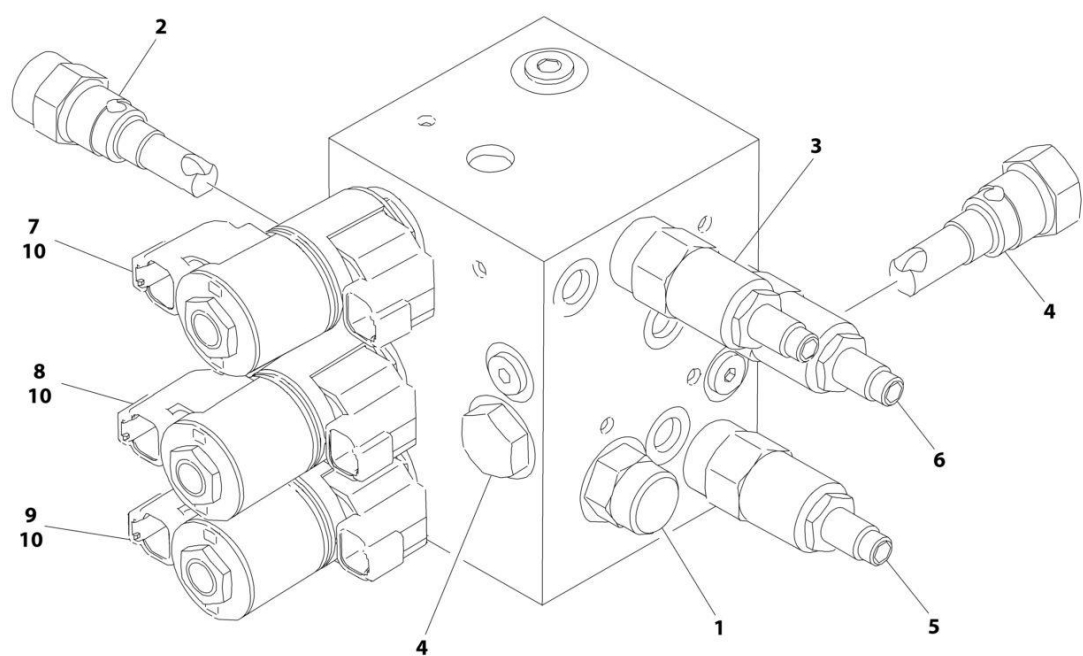
ART_1001219986_20F2

FIGURE 4-13. CONTROL VALVES INSTALLATION - WITH 4WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219986	Ref	BOOM VALVES INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0630467	3	Screw 5/16 x 1/2	
4	0641418	2	Bolt 1/4 x 2-1/4	
5	0641507	1	Bolt 5/16 x 7/8	
10	3311405	2	Nut 1/4	
11	3311505	6	Nut 5/16	
15	4711400	11	Washer 1/4	
16	4711500	15	Washer 5/16	
18	88261024	2	Capscrew 5/16 x 1	
20	1001152565	1	Boom Valve Assembly (See Separate Breakdown in this Section)	
22	1001200054	1	Valve Assembly (Relief)	
22	7012970	1	Cartridge, Valve	
22	7012953	1	Seal Kit - 7012970 Valve	
23	1001207969	1	Cover	
24	1001208994	1	Mount	

SECTION 4 - BOOM

FIGURE 4-14. BOOM VALVE ASSEMBLY



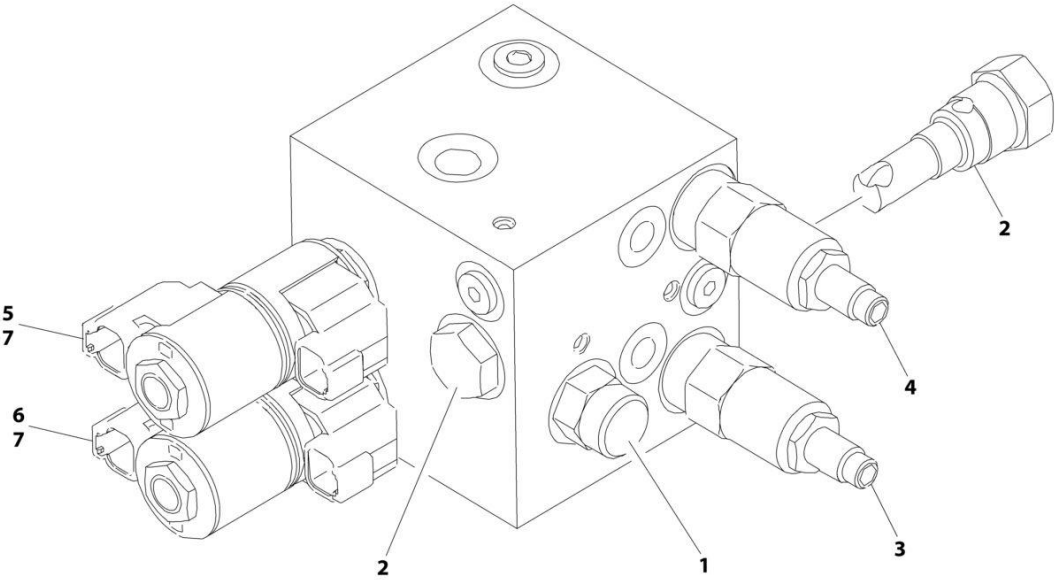
ART_1001152565

FIGURE 4-14. BOOM VALVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001152565	Ref	BOOM VALVE ASSEMBLY	C
1	7012989	1	Valve, Flow	
1	7012953	1	Seal Kit - 7012989 Valve	
2	7012965	1	Valve, Flow	
2	7012953	1	Seal Kit - 7012965 Valve	
3	70003790	1	Valve, Relief	
3	7021653	1	Seal Kit - 70003790 Valve	
4	7012914	2	Valve, Cartridge	
4	7012918	2	Seal Kit - 7012914 Valve	
5	7023911	1	Valve, Relief	
5	7012967	1	Seal Kit - 7023911 Valve	
6	7023912	1	Valve, Relief	
6	7012967	1	Seal Kit - 7023912 Valve	
7	7017452	1	Valve, Solenoid (Jib)	
7	7017402	2	Seal Kit - 7017452 Valve	
8	7017452	1	Valve, Solenoid (Platform Level)	
8	7017402	1	Seal Kit - 7017452 Valve	
9	7017452	1	Valve, Solenoid (Rotator)	
9	7017402	2	Seal Kit - 7017452 Valve	
10	70002386	6	Coil	
11	70002064	2	Plug, Orifice (Not Shown)	
12	7017406	2	Plug (Not Shown)	

SECTION 4 - BOOM

FIGURE 4-15. CONTROL VALVE ASSEMBLY



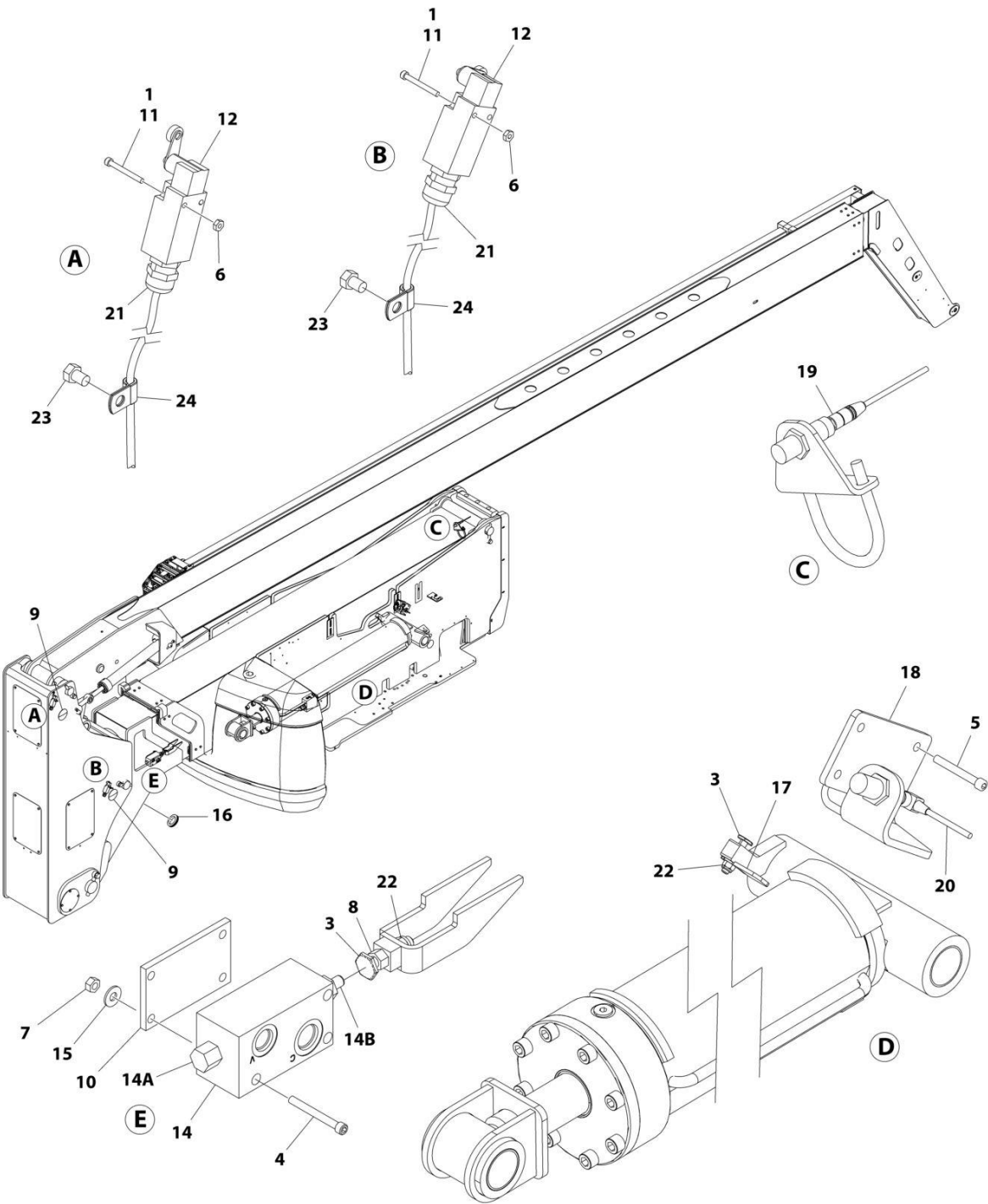
ART_1001152564

FIGURE 4-15. CONTROL VALVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001152564	Ref	CONTROL VALVE ASSEMBLY	D
1	7012965	1	Valve, Flow	
1	7012953	1	Seal Kit - 7012965 Valves	
2	7012914	2	Valve, Cartridge	
2	7012918	2	Seal Kit - 7012914 Valve	
3	7023911	1	Valve, Relief	
3	7012967	1	Seal Kit - 7023911 Valve	
4	7023912	1	Valve, Relief	
4	7012967	1	Seal Kit - 7023912 Valve	
5	7017452	1	Valve, Solenoid (Platform Level)	
5	7017402	1	Seal Kit - 7017452 Valve	
6	7017452	1	Valve, Solenoid (Rotator)	
6	7017402	2	Seal Kit - 7017452 Valve	
7	70002386	4	Coil	
8	70002064	2	Plug, Orifice (Not Shown)	
9	7017406	2	Plug (Not Shown)	

SECTION 4 - BOOM

FIGURE 4-16. BOOM VALVES AND PROXIMITY SWITCHES INSTALLATION



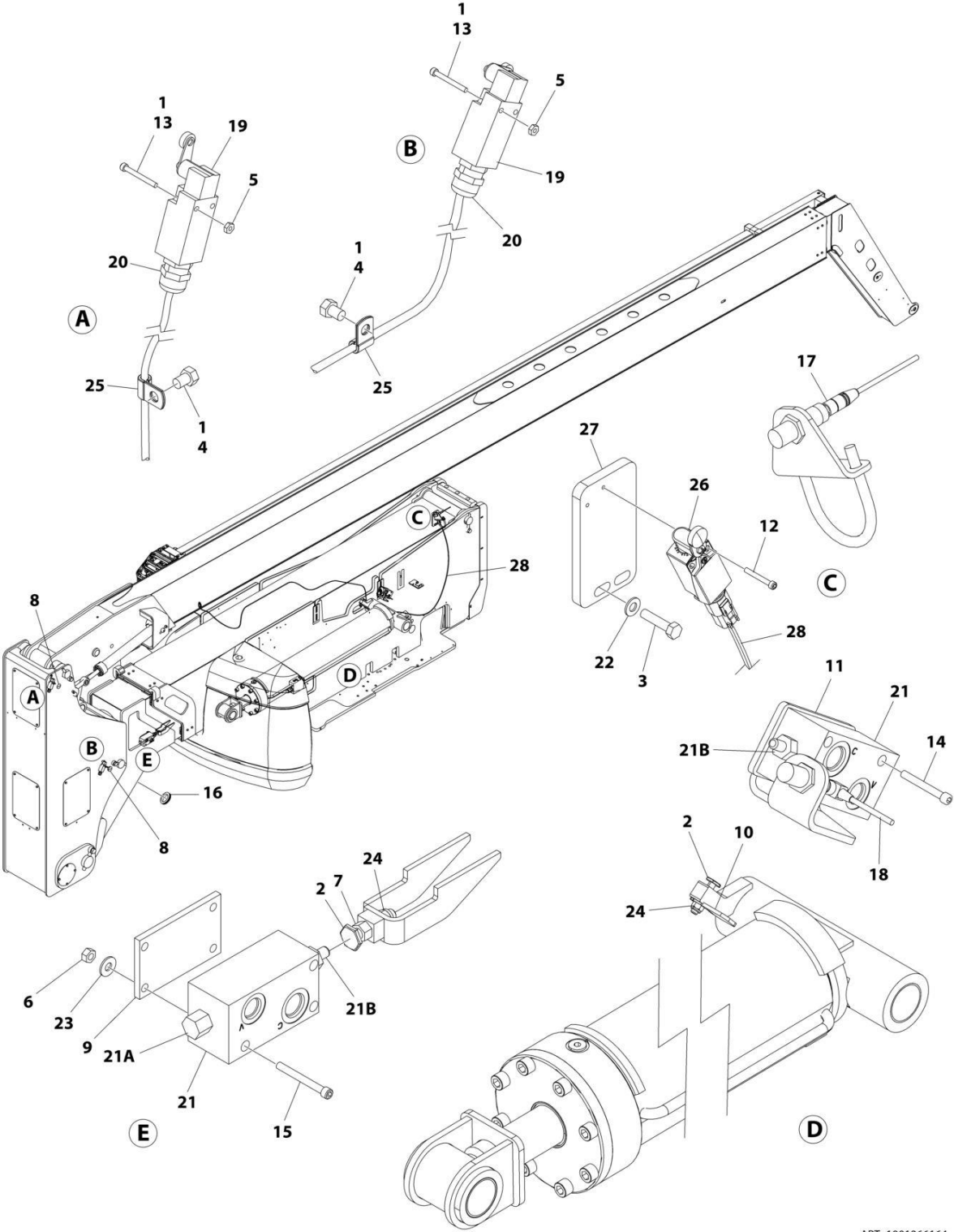
ART_0258217

FIGURE 4-16. BOOM VALVES AND PROXIMITY SWITCHES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0258217	Ref	BOOM VALVE AND LIMIT SWITCHES INSTALLATION	S
1	0100011	AR	Compound, Locking	
3	0630427	2	Bolt	
4	3931436	3	Capscrew 1/4 x 2-1/4	
5	3931464	3	Capscrew 1/4 x 4	
5	3931432	3	Capscrew 1/4 x 2	
6	3310801	4	Nut #8	
7	3311405	AR	Nut 1/4	
8	3311801	1	Nut 1/2	
9	3520035	2	Plug	
10	3570928	2	Plate, Spacer	
11	3930824	2	Capscrew #8 x 1-1/2	
12	4360578	2	Switch, Limit	
14	4641435	2	Valve, Switch	
14A	7011342	2	Valve, Check (1 Per Assembly)	
14A	7011333	2	Seal Kit - Check Valve (1 Per Assembly)	
14B	See Note	NSS	Valve, Plunger (1 Per Assembly) (Note: Not Available - Purchase Complete Valve Assembly)	
14B	See Note	NSS	Seal Kit (1 Per Assembly) (Note: Not Available for Purchase)	
15	4751400	AR	Washer 1/4	
16	4060805	7 in/25cm	Trim	
17	3572606	1	Plate, Switch Target	
18	3572607	1	Plate, Switch Mount	
19	4360498	1	Switch, Proximity	
20	4360499	1	Switch, Proximity	
21	4460968	2	Connector, Strain Relief	
22	88521008	2	Nut 1/2	
23	0641604	2	Bolt 3/8 x 1/2	
24	91203039	2	Clamp	

SECTION 4 - BOOM

FIGURE 4-17. BOOM VALVES AND PROXIMITY SWITCHES INSTALLATION WITH TOWER STOW



ART_1001266164

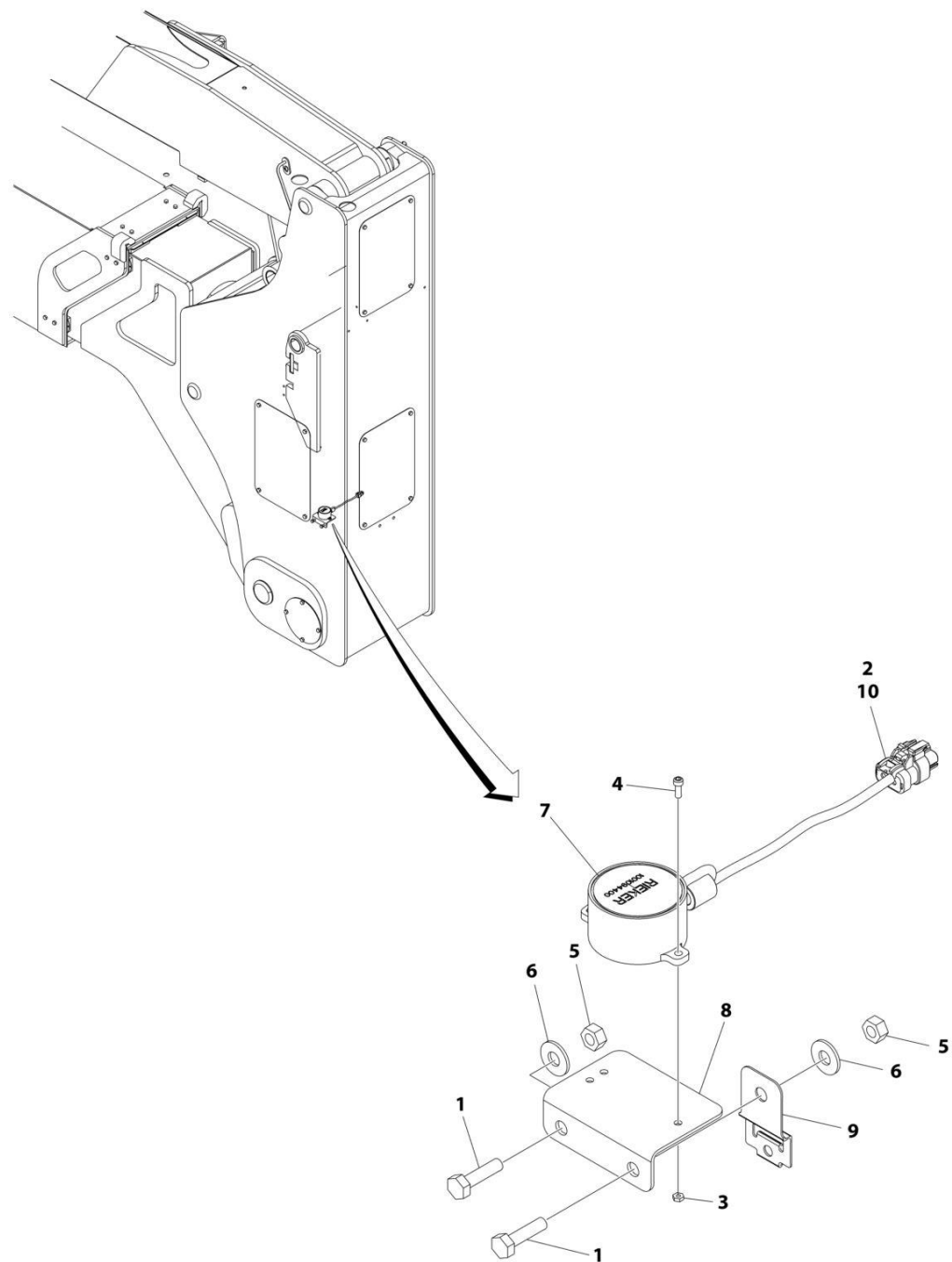
SECTION 4 - BOOM

FIGURE 4-17. BOOM VALVES AND PROXIMITY SWITCHES INSTALLATION WITH TOWER STOW

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266164	Ref	BOOM VALVE AND LIMIT SWITCHES INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0630427	2	Bolt	
3	0641511	2	Bolt 5/16 x 1-3/8	
4	0641604	2	Bolt 3/8 x 1/2	
5	3310801	4	Nut #8	
6	3311405	3	Nut 1/4	
7	3311801	1	Nut 1/2	
8	3520035	2	Plug	
9	3570928	1	Plate, Spacer	
10	3572606	1	Plate, Switch Target	
11	3572607	1	Plate, Switch Mount	
12	3930820	2	Capscrew #8 x 1-1/4	
13	3930824	4	Capscrew #8 x 1-1/2	
14	3931432	3	Capscrew 1/4 x 2	
15	3931436	3	Capscrew 1/4 x 2-1/4	
16	4060805	6 in/1.9 m	Trim	
17	4360498	1	Switch, Proximity	
18	4360499	2	Switch, Proximity	
19	4360578	2	Switch, Limit	
20	4460968	2	Connector, Strain Relief	
21	4641435	2	Valve, Switch	
21A	7011342	2	Valve, Check (1 Per Assembly)	
21A	7011333	2	Seal Kit - Check Valve (1 Per Assembly)	
21B	See Note	NSS	Valve, Plunger (1 Per Assembly) (Note: Not Available - Purchase Complete Valve Assembly)	
21B	See Note	NSS	Seal Kit (1 Per Assembly) (Note: Not Available for Purchase)	
22	4711500	2	Washer 5/16	
23	4751400	3	Washer 1/4	
24	88521008	2	Nut 1/2	
25	91203039	2	Clamp	
26	1001172271	1	Switch, Roller Limit	
27	1001260475	1	Bracket, Limit Switch	
28	1001266829	1	Harness Tower Stow	
28	4460884	1	Plug, Male - 4 Position	
28	4460465	2	Socket, Female	
28	4460910	1	Connector	
28	1001116695	2	Terminal	

SECTION 4 - BOOM

FIGURE 4-18. UPRIGHT TILT SENSOR INSTALLATION



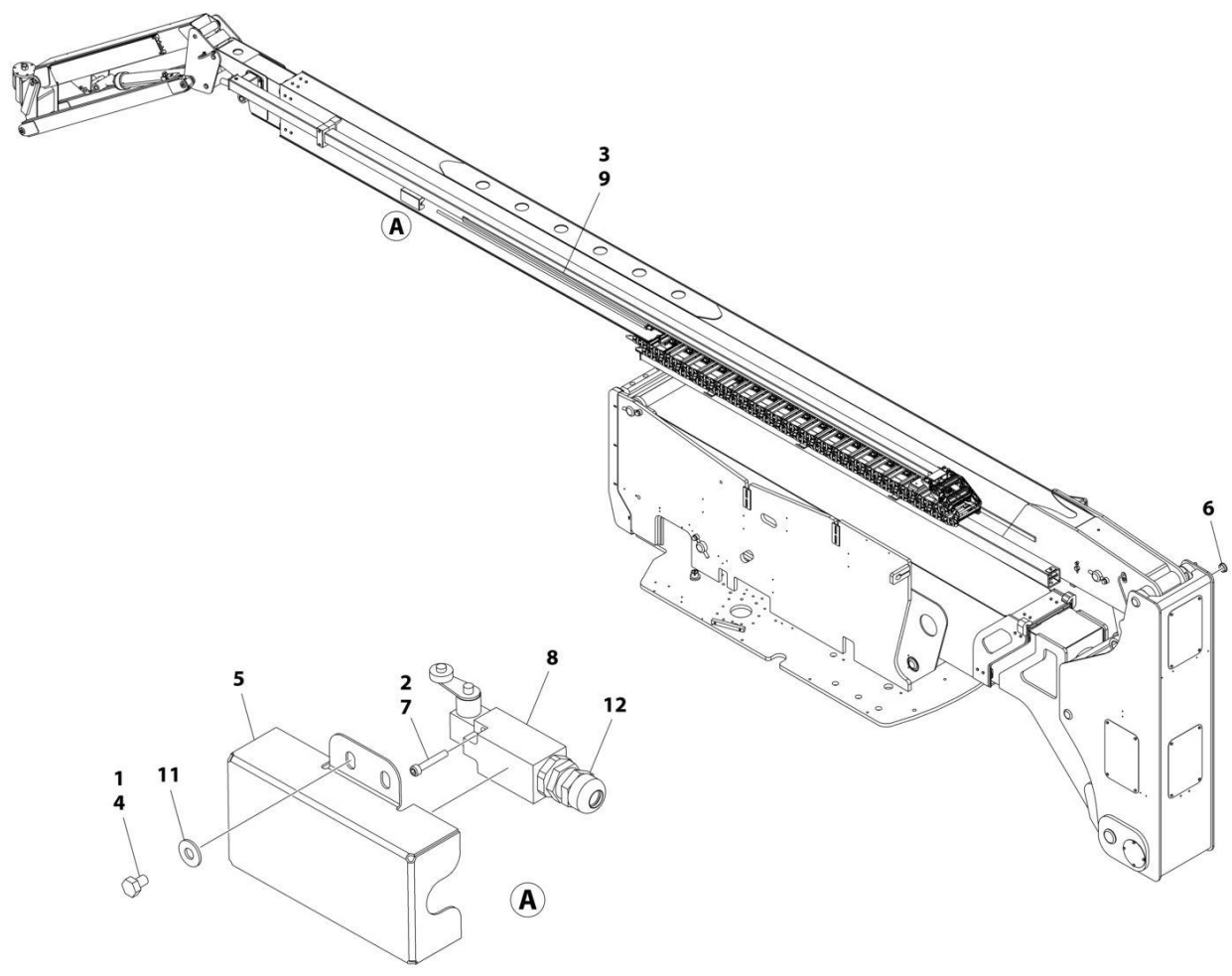
ART_0275733

FIGURE 4-18. UPRIGHT TILT SENSOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275733	Ref	TILT SENSOR INSTALLATION	B
1	0641408	2	Bolt 1/4 x 1	
2	0100048	AR	Grease, Dielectric	
3	3310605	3	Nut #6	
4	3930606	3	Screw #6 x 3/4	
5	3311405	2	Nut 1/4	
6	4751400	2	Washer 1/4	
7	1001094400	1	Sensor, Dual Axis	
8	1001096736	1	Bracket, Tilt Sensor	
9	1001153749	1	Clip	
10	1001200497	1	Connector - 3 Position	

SECTION 4 - BOOM

FIGURE 4-19. TRANSPORT POSITION SWITCH INSTALLATION



ART_0258567

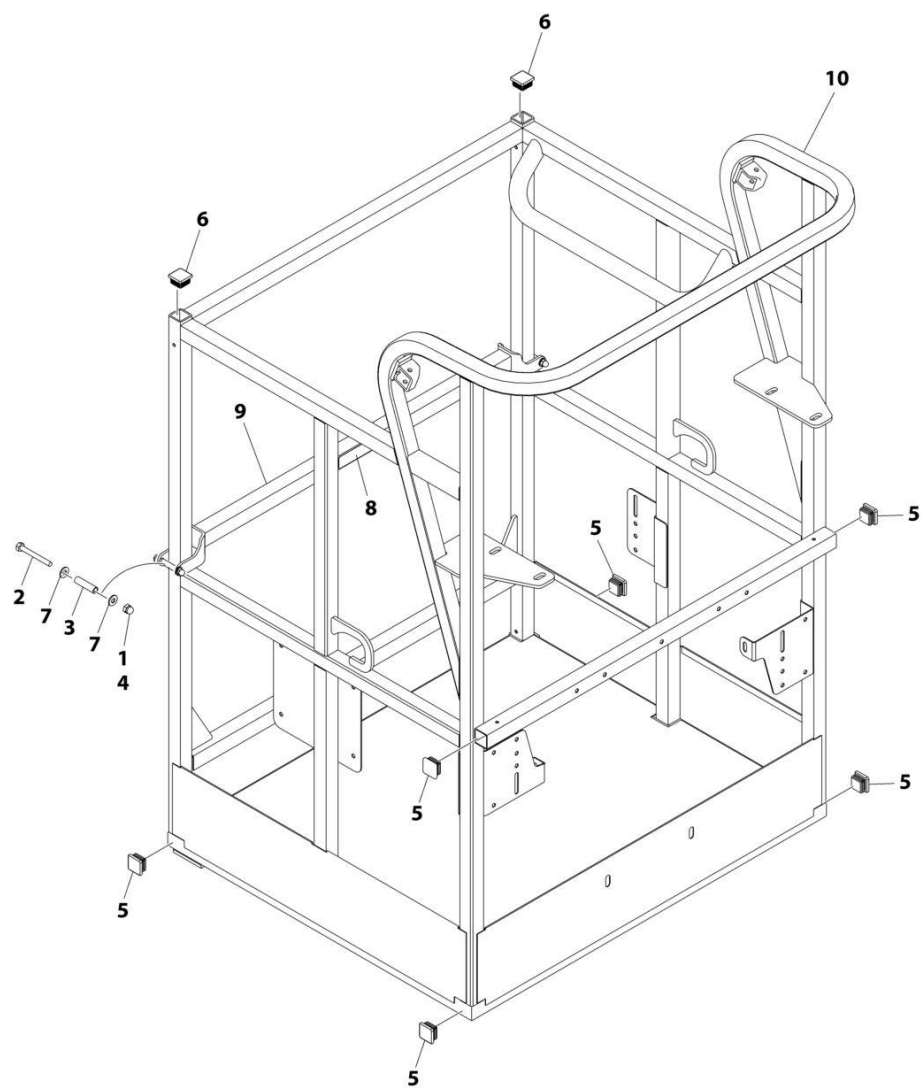
FIGURE 4-19. TRANSPORT POSITION SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0258567	Ref	TRANSPORT POSITION SWITCH INSTALLATION	F
1	0100011	AR	Compound, Locking	
2	0100035	AR	Compound, Locking	
3	1001106481	1	Bar, Fiberglass	
4	0641403	4	Bolt 1/4 x 3/8	
5	3380535	1	Cover, Switch	
6	3520035	1	Plug, Cap	
7	3930816	2	Capscrew #8 x 1	
8	4360578	1	Switch, Limit	
9	4420060	AR	Tape	
11	4751400	4	Washer 1/4	
12	4460968	1	Connector, Strain Relief	

SECTION 5 - PLATFORM

SECTION 5 - PLATFORM

FIGURE 5-1. PLATFORM ASSEMBLY WITH DROP-BAR - 30IN X 3FT (76CM X 1M)



ART_1001228215

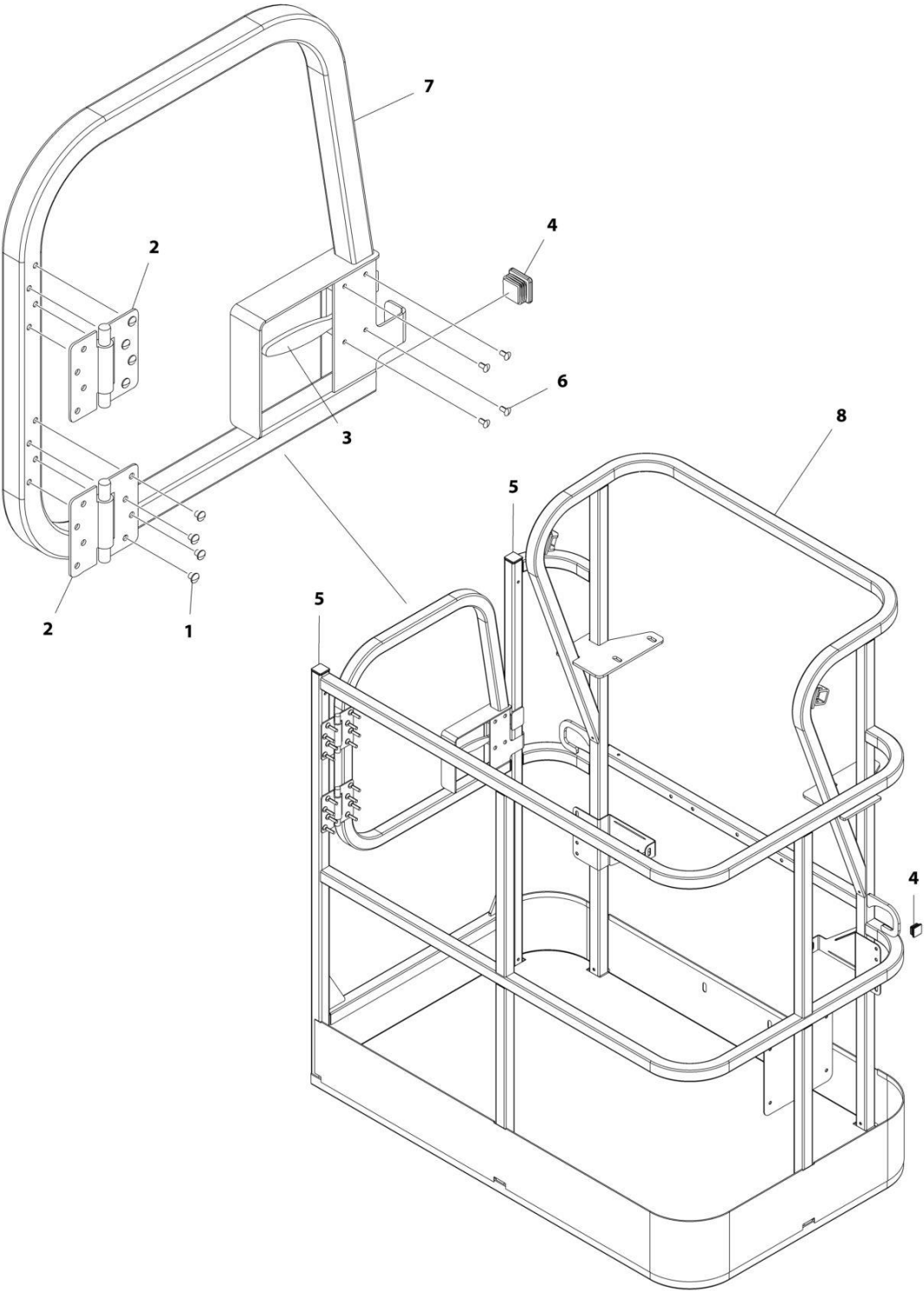
SECTION 5 - PLATFORM

FIGURE 5-1. PLATFORM ASSEMBLY WITH DROP-BAR - 30IN X 3FT (76CM X 1M)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228215	Ref	PLATFORM ASSEMBLY	A
	See Note	Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	
	See Note	Ref	Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION.	
1	0100011	AR	Compound, Locking	
2	0641418	2	Bolt 1/4 x 2-1/4	
3	0961845	2	Bushing	
4	3300151	2	Nut 1/4	
5	3520072	6	Cap, Plug	
6	3520198	2	Cap, Plug	
7	4711400	4	Washer 1/4	
8	1001140429	1	Decal - Drop Bar	
9	1001226872	1	Bar, Drop	
10	See Note	NSS	Platform (Note: Not Available - Purchase Platform Assembly)	

SECTION 5 - PLATFORM

FIGURE 5-2. PLATFORM ASSEMBLY WITH GATE - 30IN X 4FT (76CM X 1.22M)



ART_1001186387

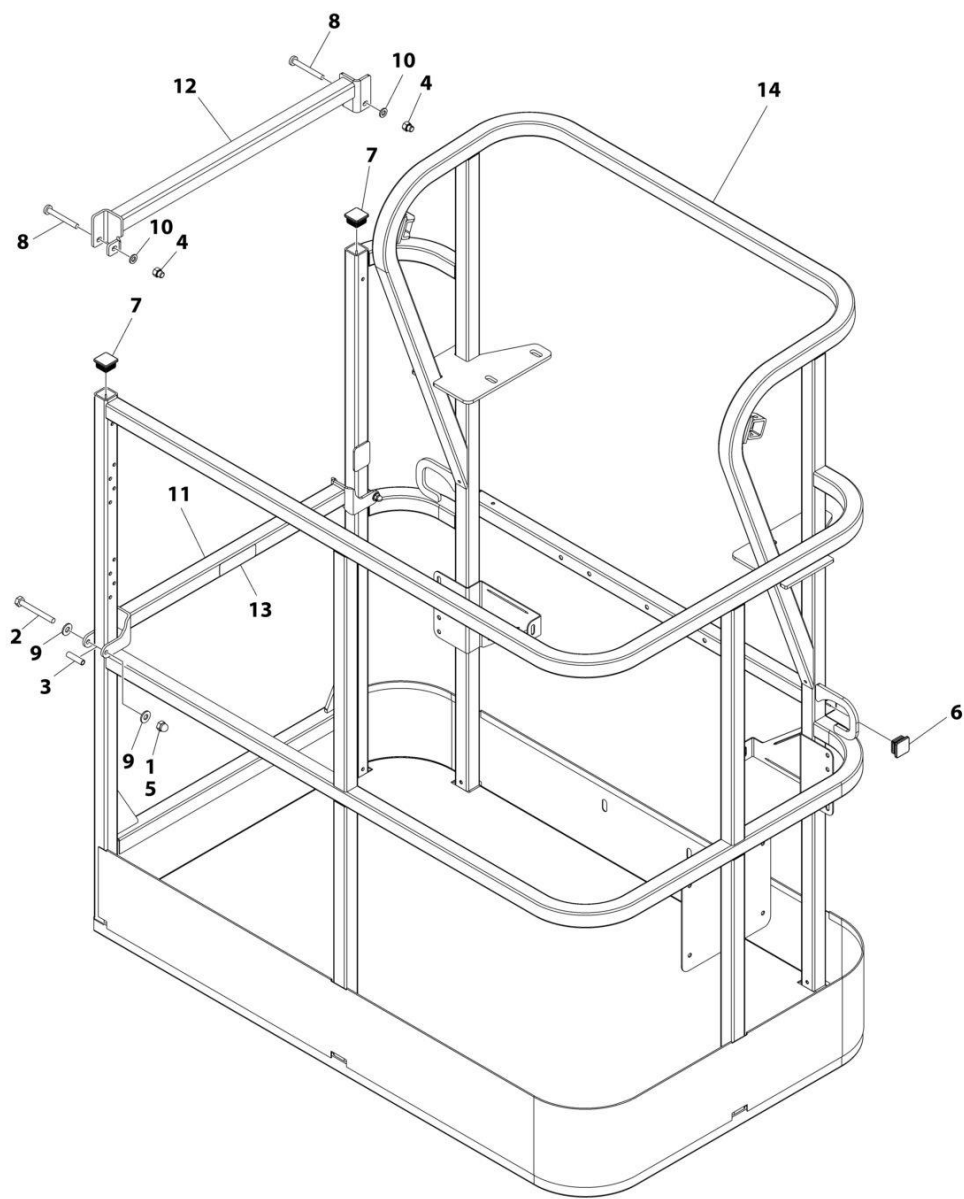
SECTION 5 - PLATFORM

FIGURE 5-2. PLATFORM ASSEMBLY WITH GATE - 30IN X 4FT (76CM X 1.22M)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186387	Ref	PLATFORM ASSEMBLY	C
		Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.	
1	2080040	16	Fastener, Huck	
2	2600281	2	Hinge, Self-Closing	
3	2940074	1	Latch	
4	3520072	3	Plug	
5	3520198	2	Plug	
6	3820020	4	Rivet	
7	1001144629	1	Gate	
8	See Note	1	Platform (Note: Not Available - Purchase Platform Assembly)	

SECTION 5 - PLATFORM

FIGURE 5-3. PLATFORM ASSEMBLY WITH DROP-BAR - 30IN X 4FT (76CM X 1.22M)



ART_1001186375

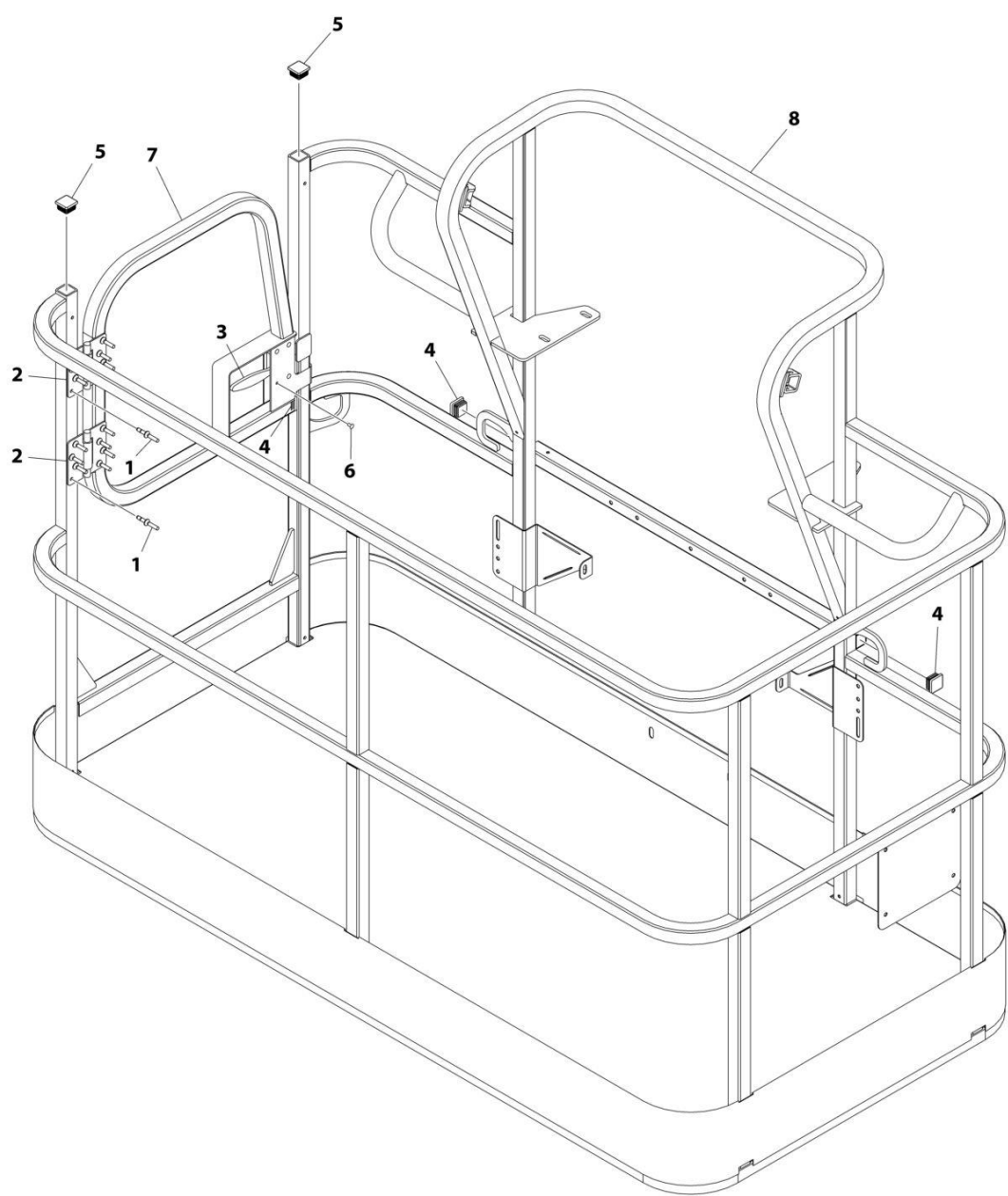
SECTION 5 - PLATFORM

FIGURE 5-3. PLATFORM ASSEMBLY WITH DROP-BAR - 30IN X 4FT (76CM X 1.22M)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186375	Ref	PLATFORM ASSEMBLY	B
		Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.	
1	0100011	AR	Compound, Locking	
2	0641418	2	Bolt 1/4 x 2-1/4	
3	0961845	2	Bushing	
4	3290606	2	Nut M6	
5	3300151	2	Nut 1/4	
6	3520072	2	Plug	
7	3520198	2	Plug	
8	4010618	2	Screw M6 x 50	
9	4711400	4	Washer 1/4	
10	4811700	2	Washer M6	
11	1001138494	1	Bar, Drop	
12	1001138514	1	Rail - Top	
13	1001140429	1	Decal - Drop Bar	
14	See Note	1	Platform (Note: Not Available - Purchase Platform Assembly)	

SECTION 5 - PLATFORM

FIGURE 5-4. PLATFORM ASSEMBLY WITH GATE - 30IN X 6FT (76CM X 1.83M)



ART_1001186385

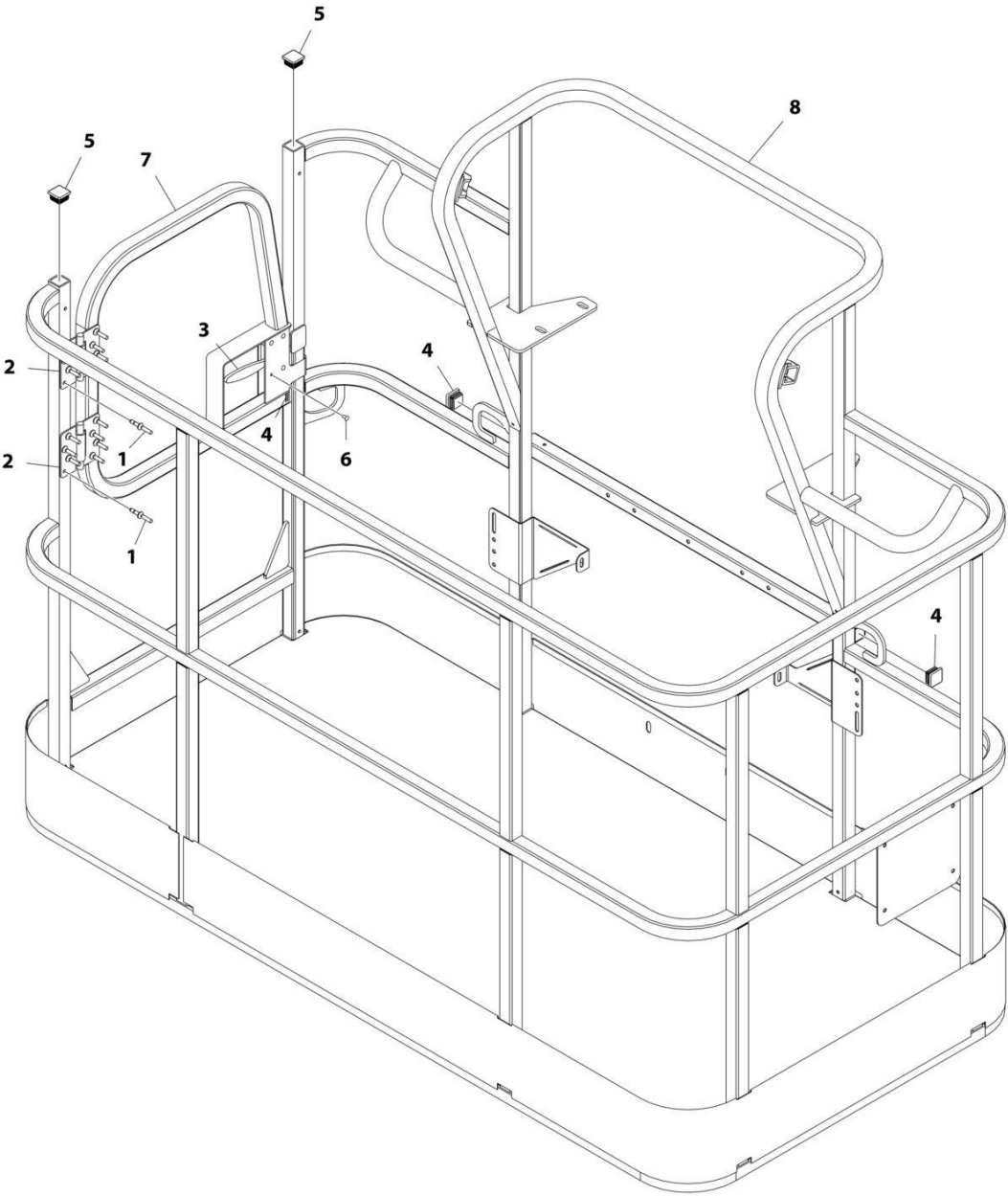
SECTION 5 - PLATFORM

FIGURE 5-4. PLATFORM ASSEMBLY WITH GATE - 30IN X 6FT (76CM X 1.83M)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186385	Ref	PLATFORM ASSEMBLY	D
		Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.	
1	2080040	16	Fastener, Huck	
2	2600281	2	Hinge	
3	2940074	1	Latch	
4	3520072	3	Plug	
5	3520198	2	Plug	
6	3820020	4	Rivet	
7	1001144629	1	Gate	
8	See Note	NSS	Platform (Note: Not Available - Purchase Platform Assembly)	

SECTION 5 - PLATFORM

FIGURE 5-5. PLATFORM ASSEMBLY WITH GATE- 36IN X 6FT (91.5CM X 1.83M)



ART_1001186384

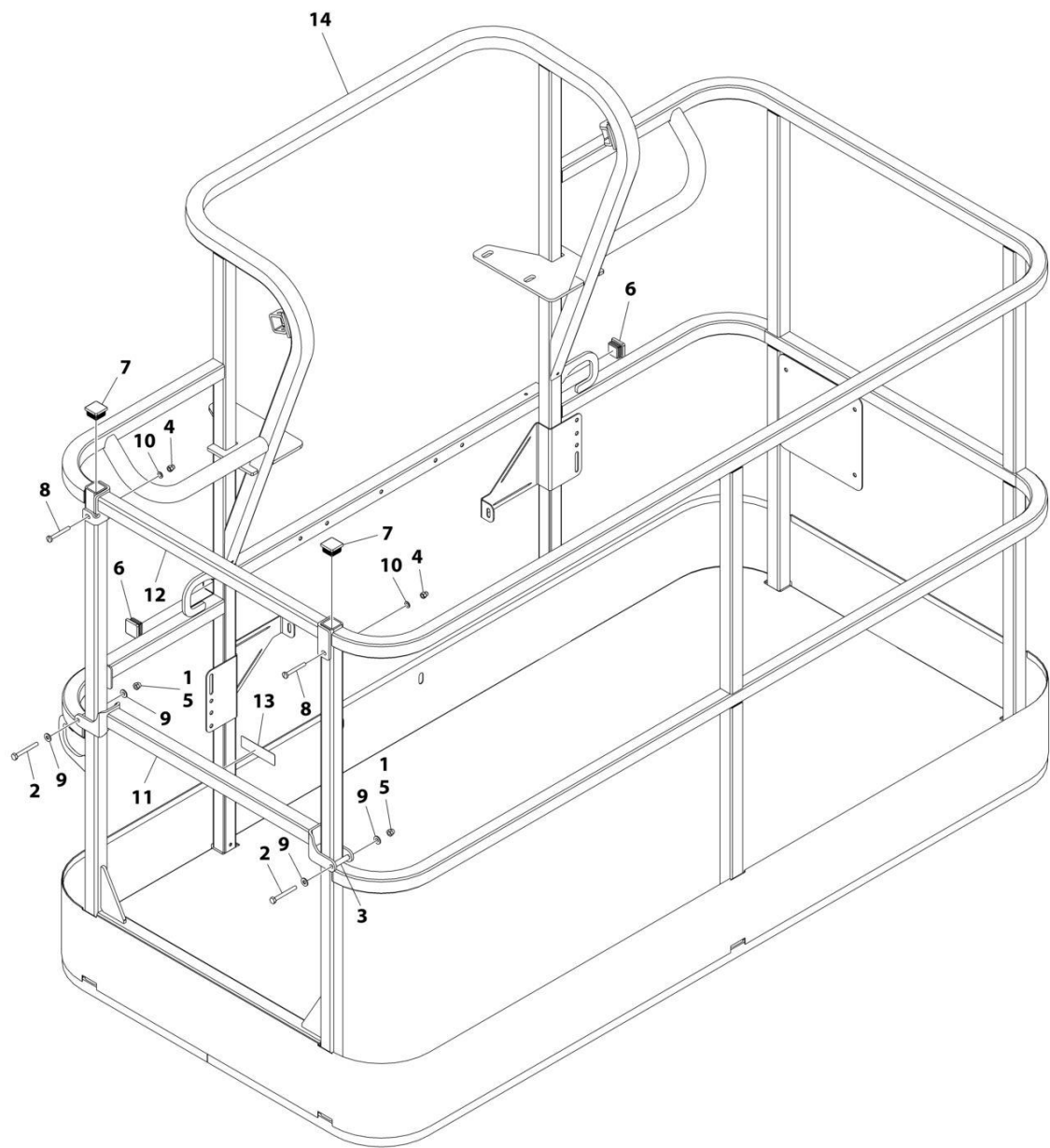
SECTION 5 - PLATFORM

FIGURE 5-5. PLATFORM ASSEMBLY WITH GATE- 36IN X 6FT (91.5CM X 1.83M)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186384	Ref	PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH SWING GATE	C
	See Note	Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	
	See Note	Ref	Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.	
1	2080040	16	Fastener, Huck	
2	2600281	2	Hinge	
3	2940074	1	Latch	
4	3520072	3	Plug	
5	3520198	2	Plug	
6	3820020	4	Rivet	
7	1001144629	1	Gate	
8	See Note	NSS	Platform (Note: Not Available - Purchase Platform Assembly)	

SECTION 5 - PLATFORM

FIGURE 5-6. PLATFORM ASSEMBLY WITH DROP-BAR - 30IN X 6FT (76CM X 1.83M)



ART_1001186378

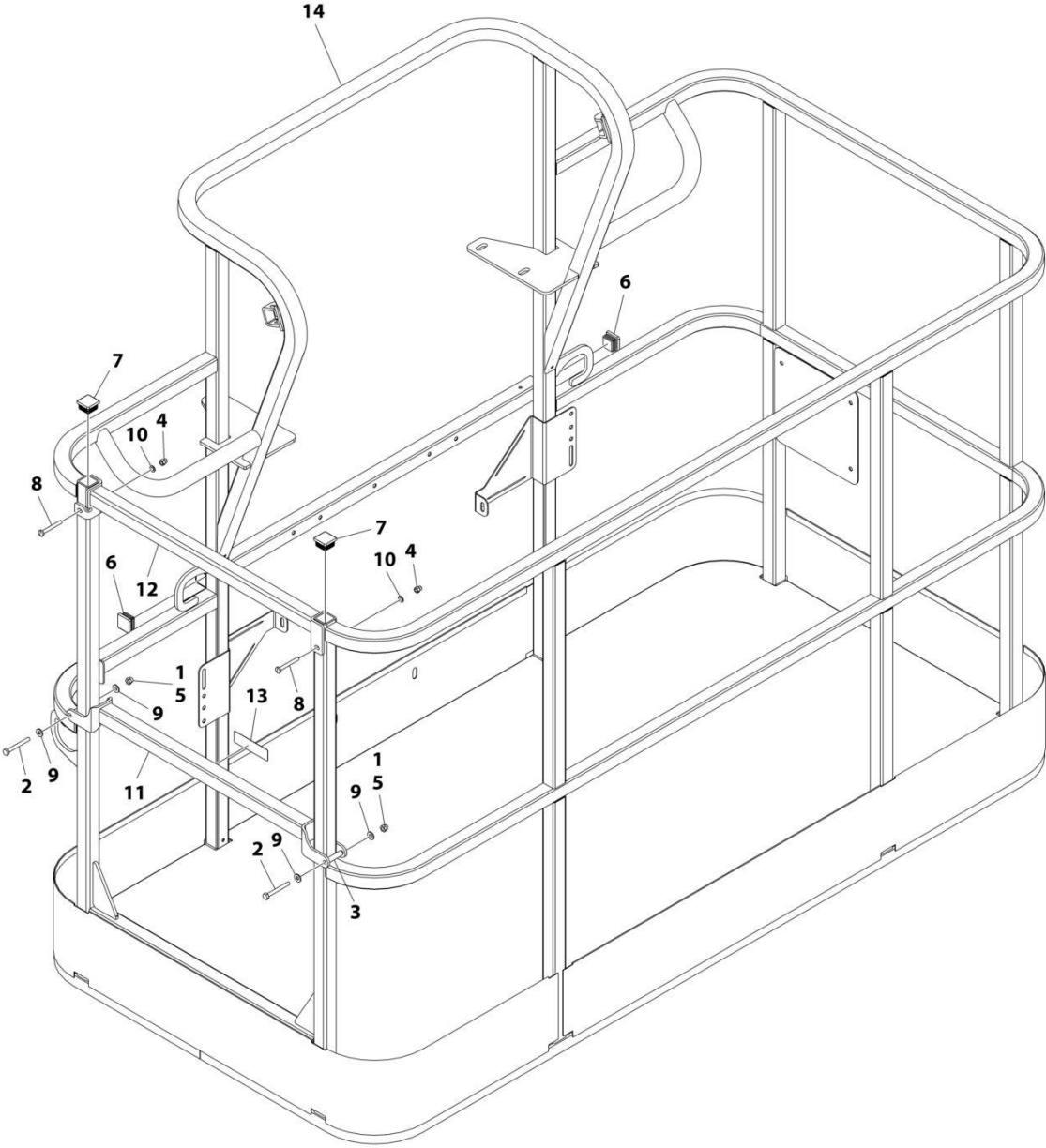
SECTION 5 - PLATFORM

FIGURE 5-6. PLATFORM ASSEMBLY WITH DROP-BAR - 30IN X 6FT (76CM X 1.83M)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186378	Ref	PLATFORM ASSEMBLY	C
		Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.	
1	0100011	AR	Compound, Locking	
2	0641418	2	Bolt 1/4 x 2-1/4	
3	0961845	2	Bushing	
4	3290606	2	Nut M6	
5	3300151	2	Nut 1/4	
6	3520072	2	Plug	
7	3520198	2	Plug	
8	4010618	2	Screw M6 x 50	
9	4711400	4	Washer 1/4	
10	4811700	2	Washer M6	
11	1001138494	1	Bar, Drop	
12	1001138514	1	Rail (Top)	
13	1001140429	1	Decal - Drop Bar	
14	See Note	NSS	Platform (Note: Not Available - Purchase Platform Assembly)	

SECTION 5 - PLATFORM

FIGURE 5-7. PLATFORM ASSEMBLY WITH DROP-BAR - 36IN X 6FT (91.5CM X 1.83M)



ART_1001186379

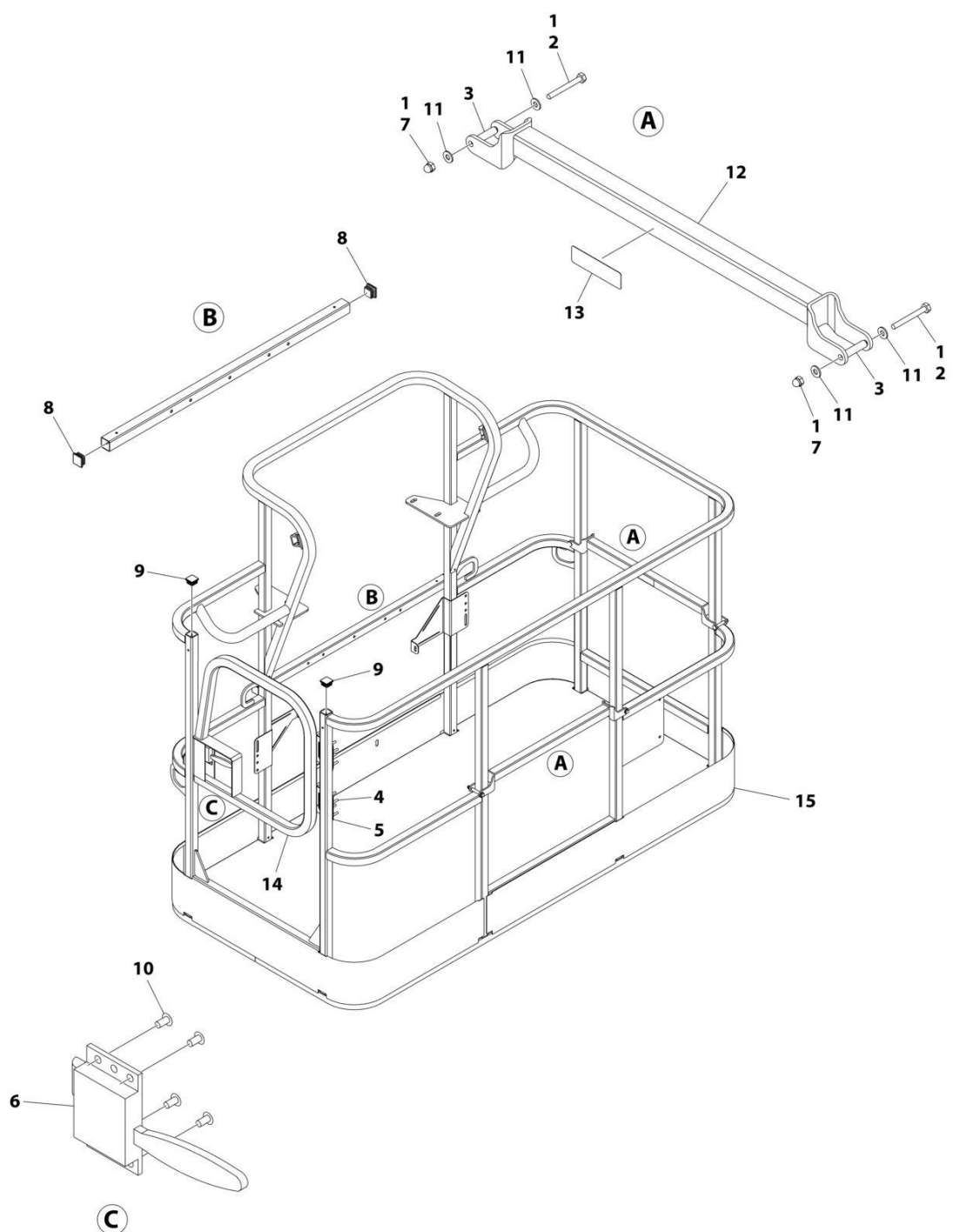
SECTION 5 - PLATFORM

FIGURE 5-7. PLATFORM ASSEMBLY WITH DROP-BAR - 36IN X 6FT (91.5CM X 1.83M)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186379	Ref	PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH DROP BAR	B
		Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.	
1	0100011	AR	Compound, Locking	
2	0641418	2	Bolt 1/4 x 2-1/4	
3	0961845	2	Bushing	
4	3290606	2	Nut M6	
5	3300151	2	Nut 1/4	
6	3520072	2	Plug	
7	3520198	2	Plug	
8	4010618	2	Screw M6 x 50	
9	4711400	4	Washer 1/4	
10	4811700	2	Washer M6	
11	1001138494	1	Bar, Drop	
12	1001138514	1	Rail (Top)	
13	1001140429	1	Decal - Drop Bar	
14	See Note	NSS	Platform (Note: Not Available - Purchase Platform Assembly)	

SECTION 5 - PLATFORM

FIGURE 5-8. PLATFORM ASSEMBLY WITH 1 GATE / 2 DROP BARS (TRI-ENTRY) - 36IN X 6FT
(91.5CM X 1.83M)



ART_1001228376

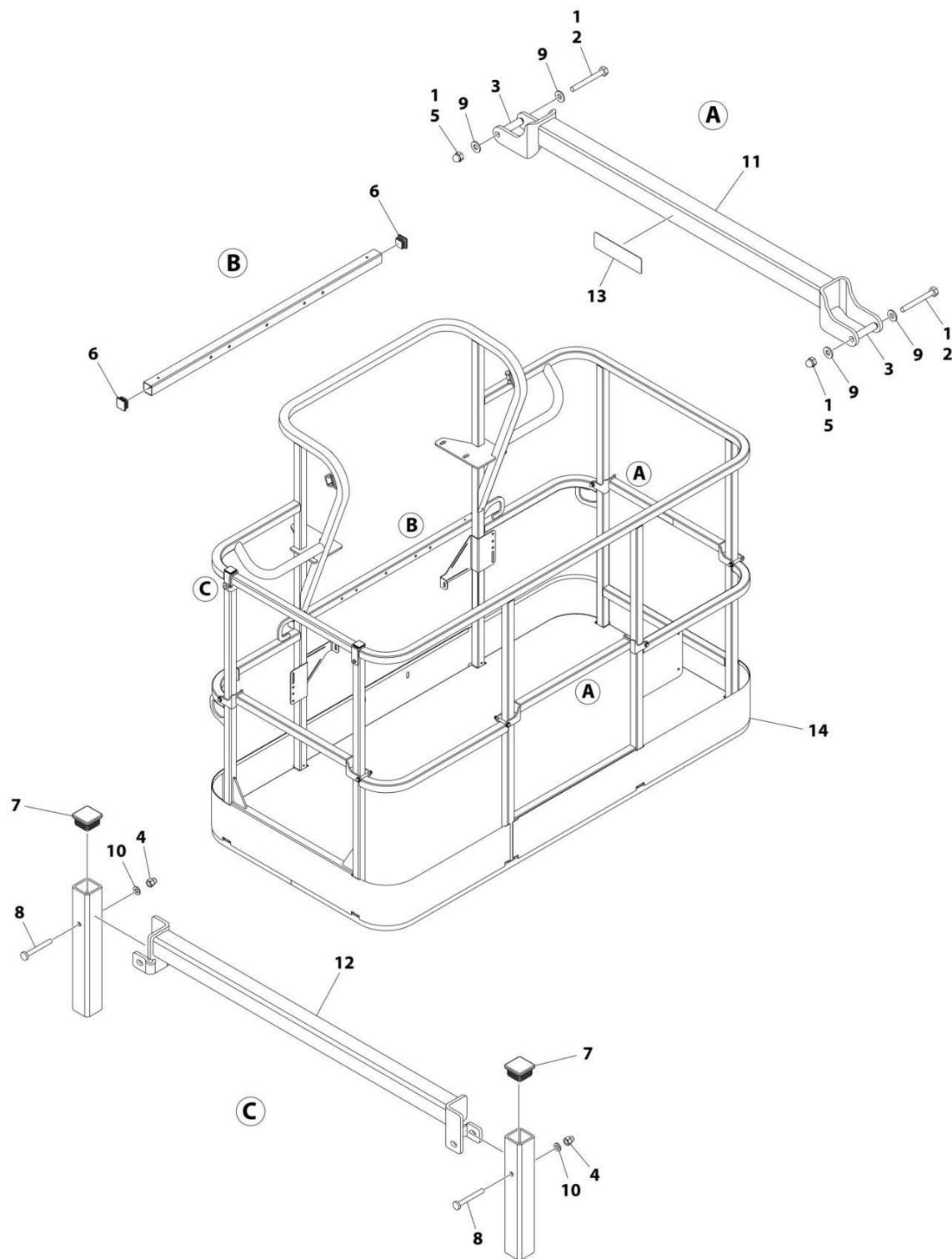
SECTION 5 - PLATFORM

**FIGURE 5-8. PLATFORM ASSEMBLY WITH 1 GATE / 2 DROP BARS (TRI-ENTRY) - 36IN X 6FT
(91.5CM X 1.83M)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228376	Ref	PLATFORM ASSEMBLY - 36IN x 6FT (91.5CM x 1.83M)	B
		Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION.	
1	0100011	AR	Compound, Locking	
2	0641418	4	Bolt 1/4 x 2-1/4	
3	0961845	4	Bushing	
4	2080040	16	Fastener	
5	2600281	2	Hinge	
6	2940074	1	Latch	
7	3300151	4	Nut 1/4	
8	3520072	3	Plug	
9	3520198	2	Plug	
10	3820020	4	Rivet	
11	4711400	8	Washer 1/4	
12	1001138494	2	Bar, Drop	
13	1001140429	2	Decal - Drop Bar	
14	1001144629	1	Gate	
15	See Note	NSS	Platform (Note: Not Available - Purchase Platform Assembly)	

SECTION 5 - PLATFORM

FIGURE 5-9. PLATFORM ASSEMBLY WITH 3 DROP BARS (TRI-ENTRY) - 36IN X 6FT (91.5CM X 1.83M)



ART_1001228377

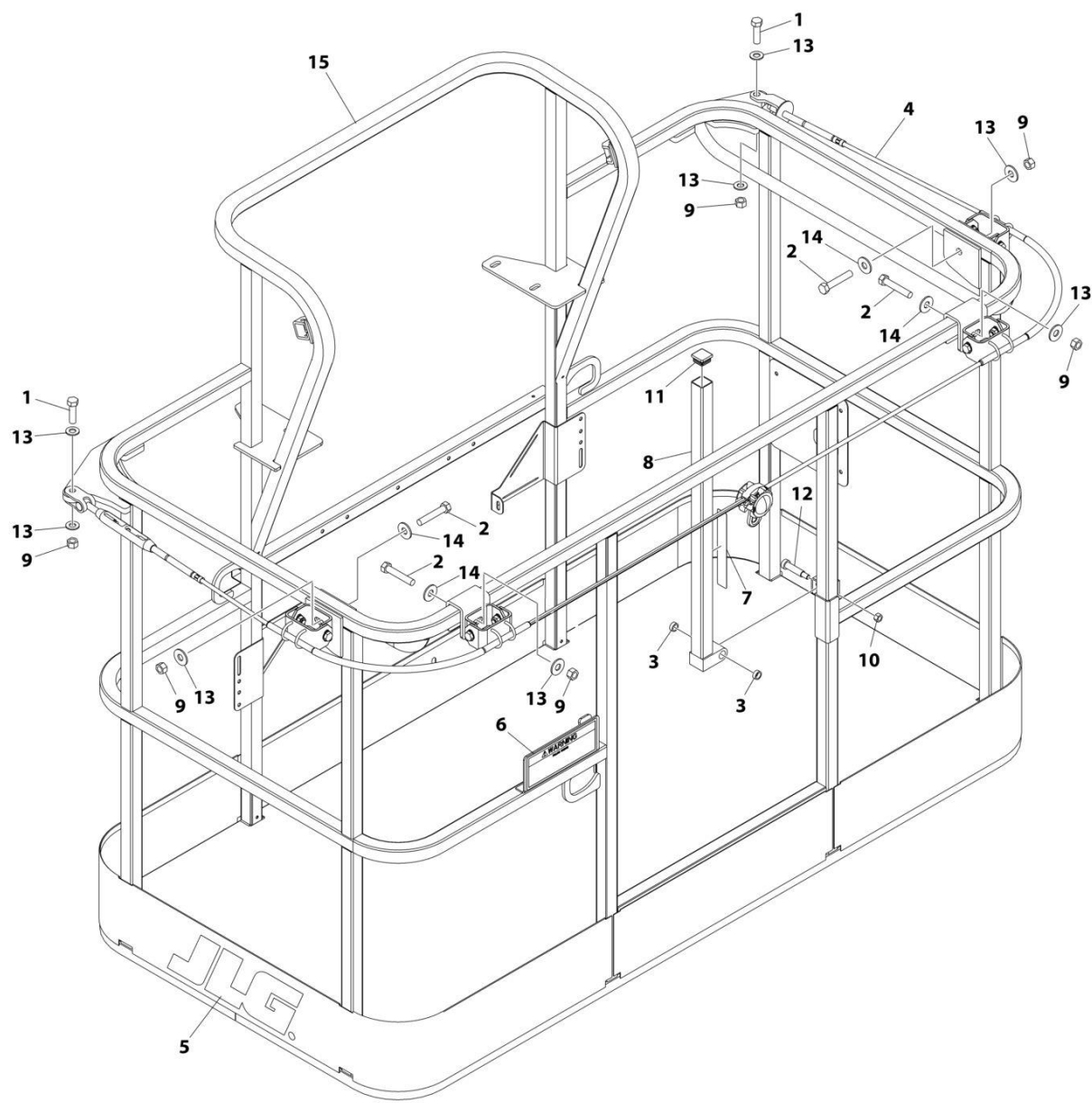
SECTION 5 - PLATFORM

FIGURE 5-9. PLATFORM ASSEMBLY WITH 3 DROP BARS (TRI-ENTRY) - 36IN X 6FT (91.5CM X 1.83M)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228377	Ref	PLATFORM ASSEMBLY - 36IN x 6FT (91.5CM x 1.83M)	B
		Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION.	
1	0100011	1	Compound, Locking	
2	0641418	6	Bolt 1/4 x 2-1/4	
3	0961845	6	Bushing	
4	3290606	2	Nut M6	
5	3300151	6	Nut 1/4	
6	3520072	2	Plug	
7	3520198	2	Plug	
8	4010618	2	Screw M6 x 50	
9	4711400	12	Washer 1/4	
10	4811700	2	Washer M6	
11	1001138494	3	Bar, Drop	
12	1001138514	1	Rail (Top)	
13	1001140429	3	Decal - Drop Bar	
14	See Note	NSS	Platform, Weldment (Note: Not Available - Purchase Platform Assembly)	

SECTION 5 - PLATFORM

FIGURE 5-10. PLATFORM ASSEMBLY WITH FALL ARREST (6FT)



ART_1001186333

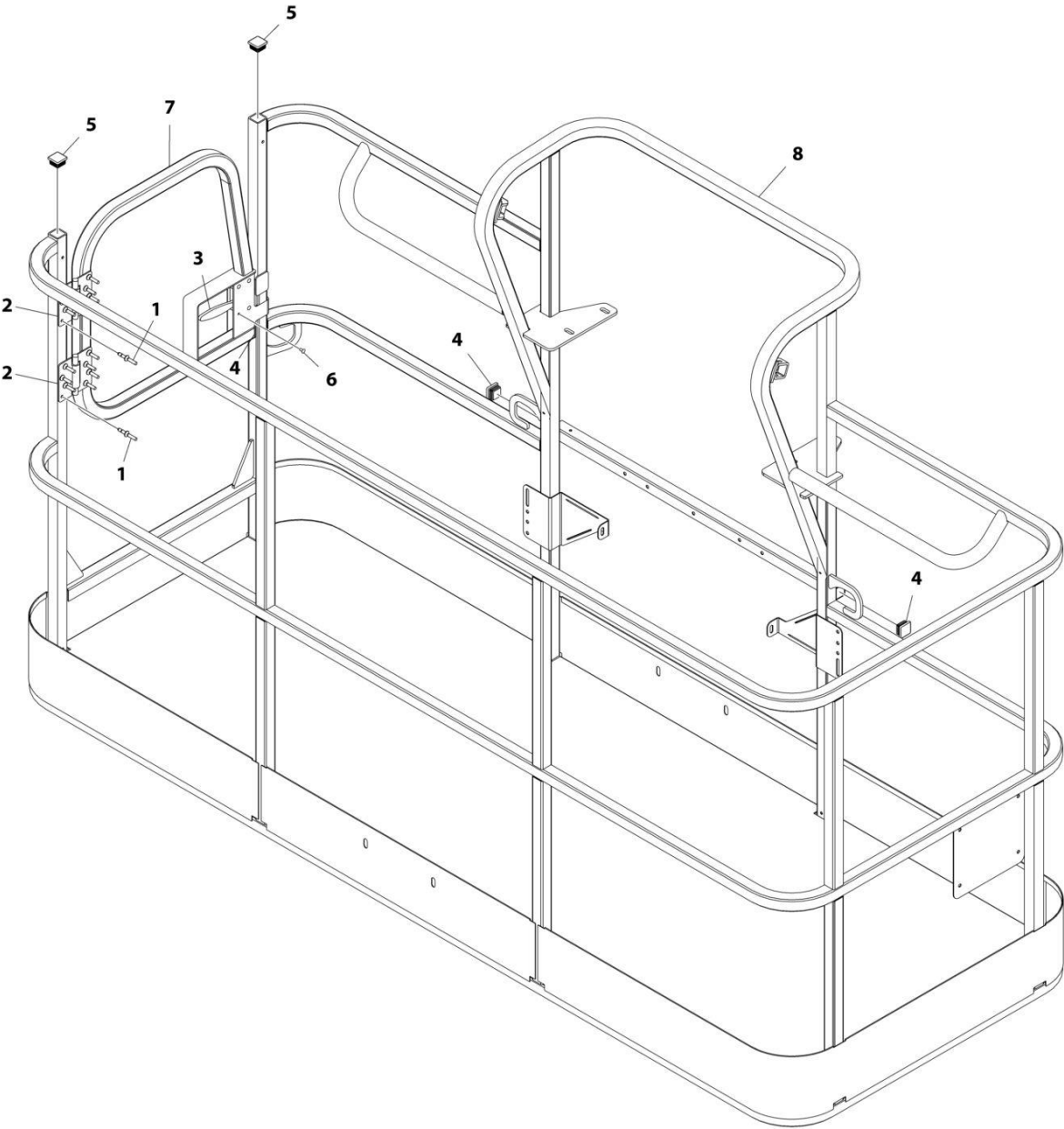
SECTION 5 - PLATFORM

FIGURE 5-10. PLATFORM ASSEMBLY WITH FALL ARREST (6FT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186333	Ref	PLATFORM ASSEMBLY	C
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.	
1	0681814	2	Bolt 1/2 x 1-3/4 Grade 8	
2	0681822	4	Bolt 1/2 x 2-3/4 Grade 8	
3	0962270	2	Bearing	
4	1001203655	1	Cable	
5	1702773	1	Decal - JLG	
6	1705014	1	Decal - Safety	
7	1706385	1	Decal - Drop Bar	
8	2410014	1	Bar, Drop	
9	3271805	6	Nut 1/2 Grade 8	
10	3311605	1	Nut 3/8	
11	3520072	1	Plug	
12	3900054	1	Bolt 1/2 x 1-3/4	
13	4711800	8	Washer 1/2	
14	4751800	4	Washer 1/2	
15	See Note	NSS	Platform (Note: Not Available - Purchase Platform Assembly)	

SECTION 5 - PLATFORM

FIGURE 5-11. PLATFORM ASSEMBLY WITH GATE - 36IN X 8FT (91.5CM X 2.44M)



ART_1001186383

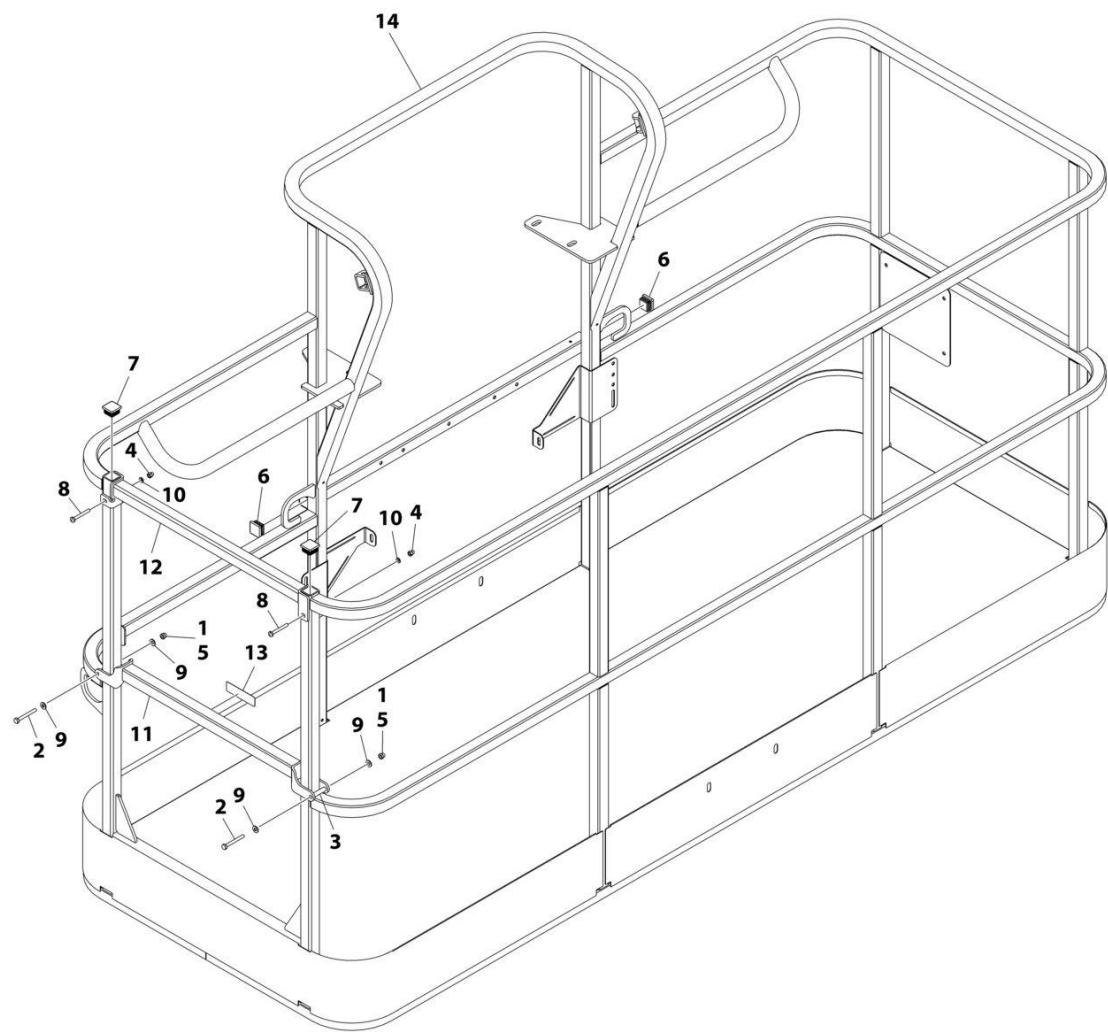
SECTION 5 - PLATFORM

FIGURE 5-11. PLATFORM ASSEMBLY WITH GATE - 36IN X 8FT (91.5CM X 2.44M)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186383	Ref	PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH SWING GATE	D
		Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.	
1	2080040	16	Fastener, Huck	
2	2600281	2	Hinge	
3	2940074	1	Latch	
4	3520072	3	Plug	
5	3520198	2	Plug	
6	3820020	4	Rivet	
7	1001144629	1	Gate	
8	See Note	NSS	Platform (Note: Not Available - Purchase Platform Assembly)	

SECTION 5 - PLATFORM

FIGURE 5-12. PLATFORM ASSEMBLY WITH DROP-BAR - 36IN X 8FT (91.5CM X 2.44M)



ART_1001186382

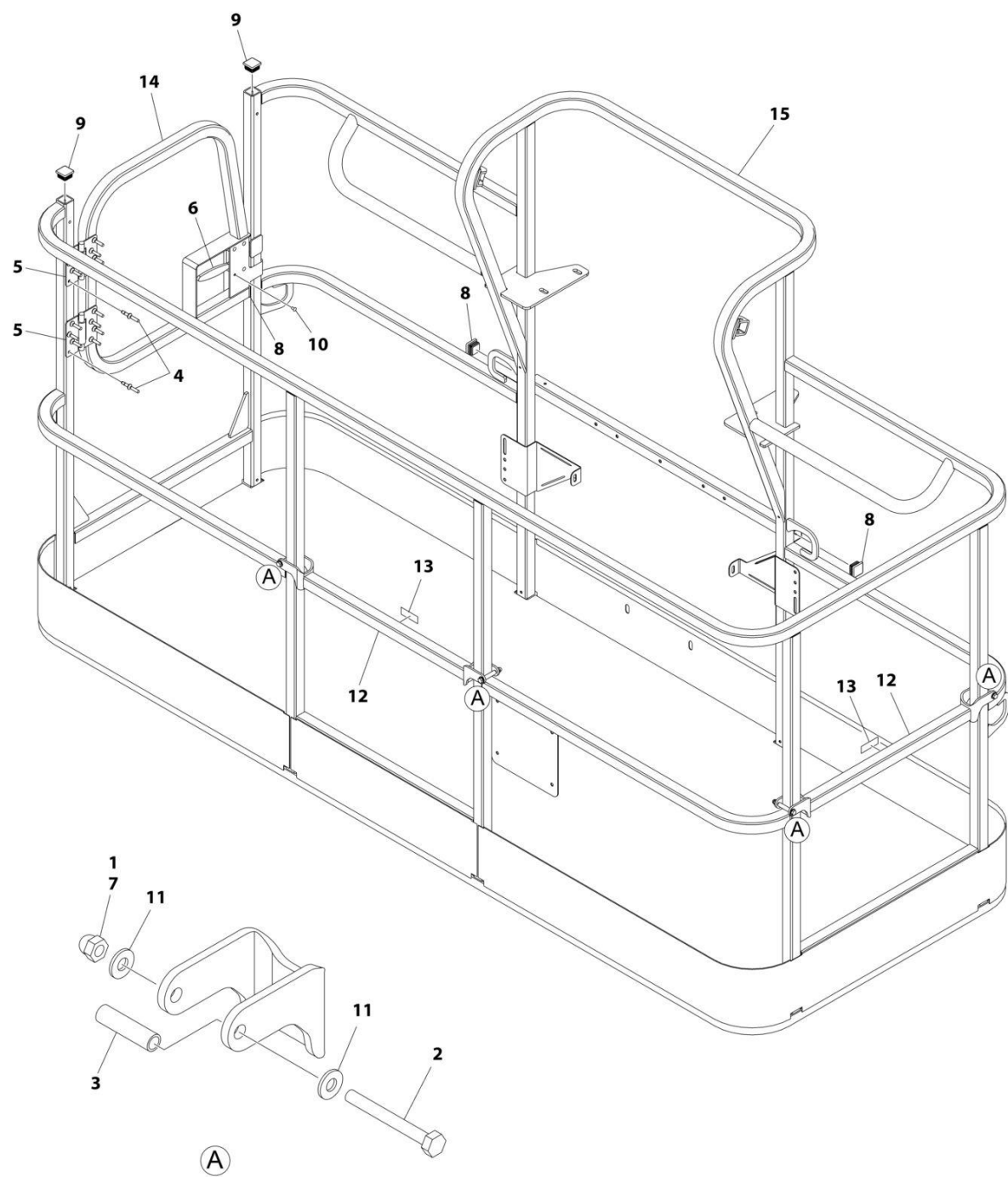
SECTION 5 - PLATFORM

FIGURE 5-12. PLATFORM ASSEMBLY WITH DROP-BAR - 36IN X 8FT (91.5CM X 2.44M)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186382	Ref	PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH DROP BAR	C
		Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.	
1	0100011	AR	Compound, Locking	
2	0641418	2	Bolt 1/4 x 2-1/4	
3	0961845	2	Bushing	
4	3290606	2	Nut M6	
5	3300151	2	Nut 1/4	
6	3520072	2	Plug	
7	3520198	2	Plug	
8	4010618	2	Screw M6 x 50	
9	4711400	4	Washer 1/4	
10	4811700	2	Washer M6	
11	1001138494	1	Bar, Drop	
12	1001138514	1	Rail (Top)	
13	1001140429	1	Decal - Drop Bar	
14	See Note	NSS	Platform (Note: Not Available - Purchase Platform Assembly)	

SECTION 5 - PLATFORM

FIGURE 5-13. PLATFORM ASSEMBLY WITH 1 GATE / 2 DROP BARS (TRI-ENTRY) - 36IN X 8FT
(91.5CM X 2.44M)



ART_1001228243

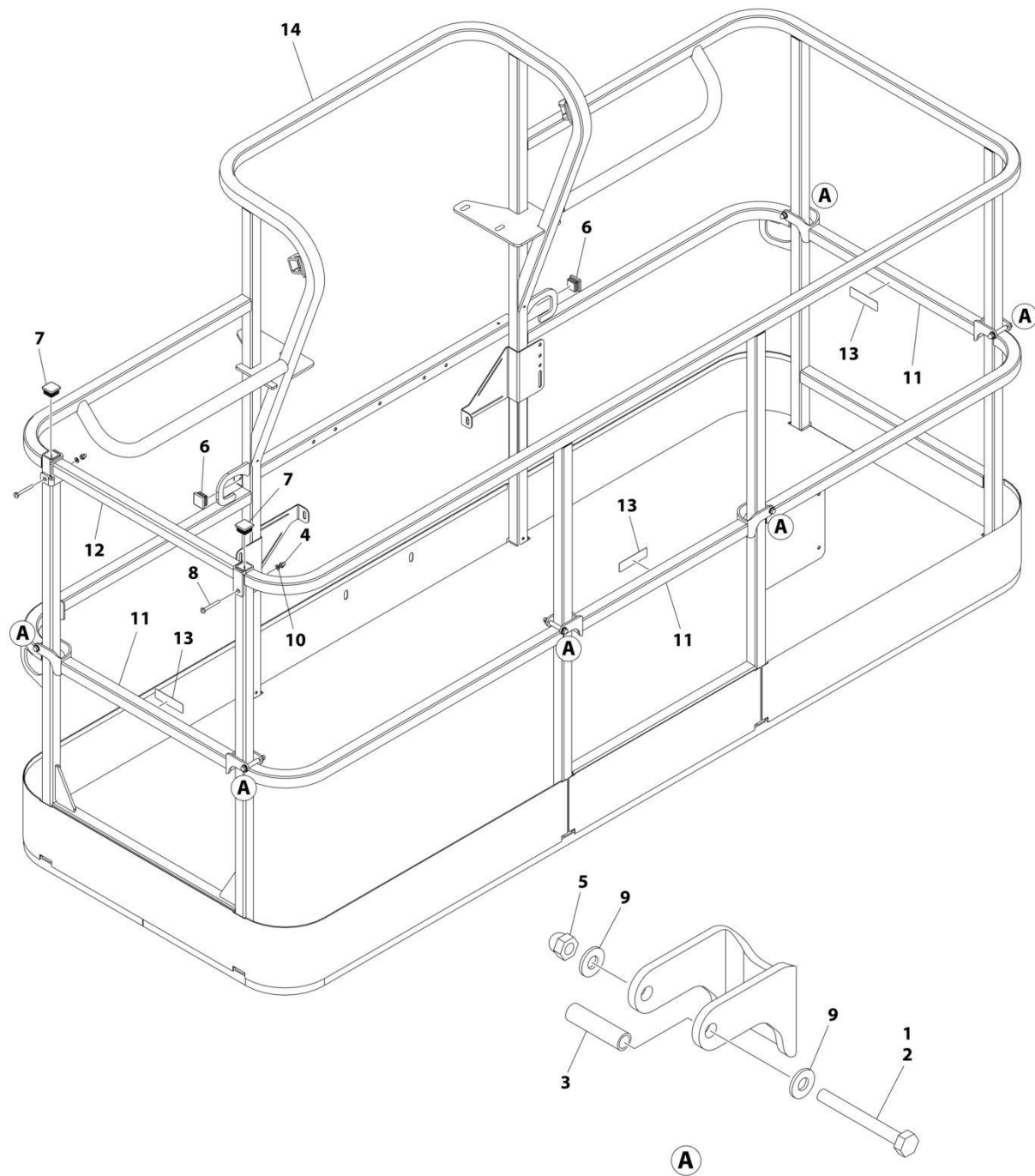
SECTION 5 - PLATFORM

**FIGURE 5-13. PLATFORM ASSEMBLY WITH 1 GATE / 2 DROP BARS (TRI-ENTRY) - 36IN X 8FT
(91.5CM X 2.44M)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228243	Ref	PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH TRI-ENTRY	A
		Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	
1	0100011	AR	Compound, Locking	
2	0641418	4	Bolt 1/4 x 2-1/4	
3	0961845	4	Bushing	
4	2080040	16	Fastener, Huck	
5	2600281	2	Hinge, Self-Closing	
6	2940074	1	Latch	
7	3300151	4	Nut 1/4	
8	3520072	3	Cap, Plug	
9	3520198	2	Cap, Plug	
10	3820020	4	Rivet	
11	4711400	8	Washer 1/4	
12	1001138494	2	Bar, Drop	
13	1001140429	2	Decal - Drop Bar	
14	1001144629	1	Gate, Weldment	
15	See Note	1	Platform (Note: Not Available - Purchase Platform Assembly)	

SECTION 5 - PLATFORM

FIGURE 5-14. PLATFORM ASSEMBLY WITH 3 DROP BARS (TRI-ENTRY) - 36IN X 8FT (91.5CM X 2.44M)



ART_1001228375

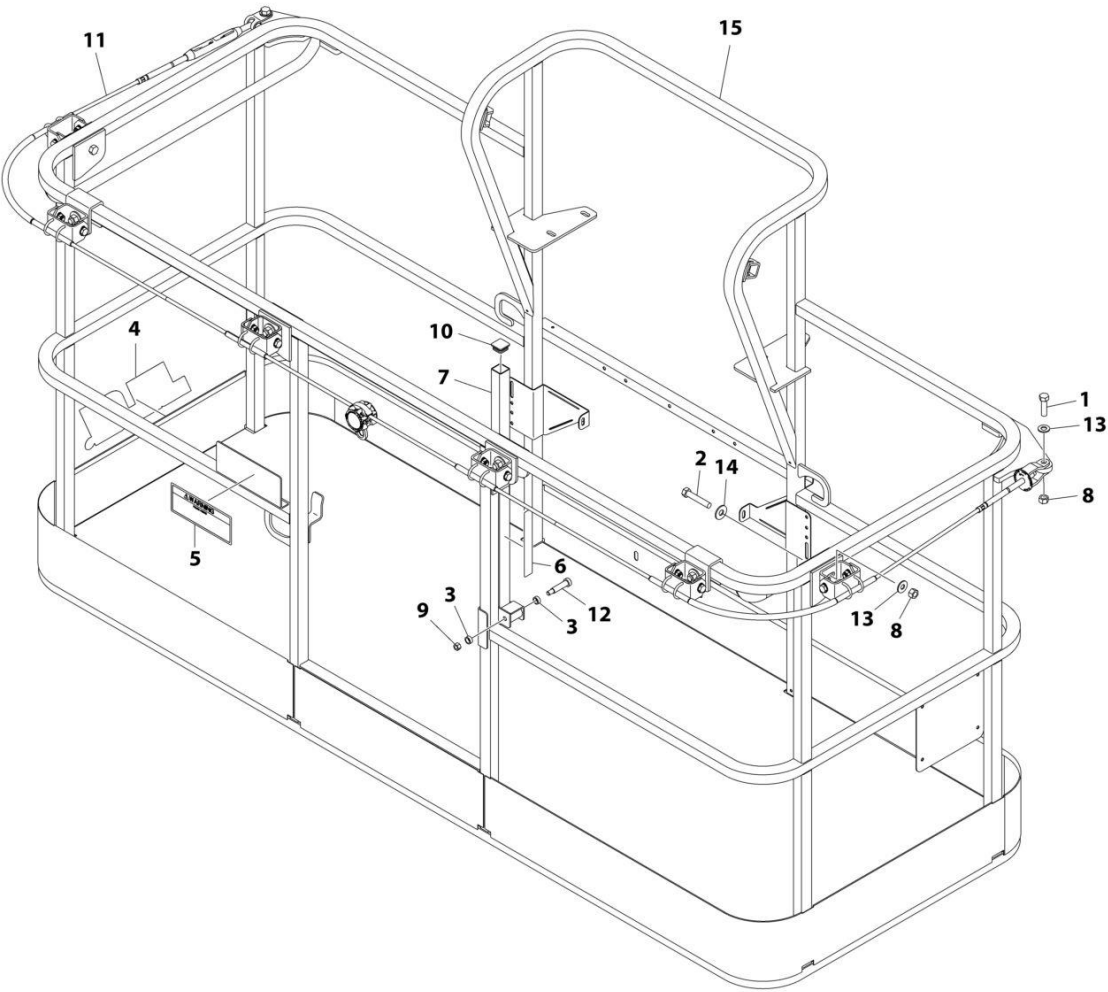
SECTION 5 - PLATFORM

FIGURE 5-14. PLATFORM ASSEMBLY WITH 3 DROP BARS (TRI-ENTRY) - 36IN X 8FT (91.5CM X 2.44M)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228375	Ref	PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH TRI-ENTRY	A
		Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION.	
1	0100011	AR	Compound, Locking	
2	0641418	6	Bolt 1/4 x 2-1/4	
3	0961845	6	Bushing	
4	3290606	2	Nut M6 x 1	
5	3300151	6	Nut 1/4	
6	3520072	2	Cap, Plug	
7	3520198	2	Cap, Plug	
8	4010618	2	Screw M6 x 50	
9	4711400	12	Washer 1/4	
10	4811700	2	Washer M6	
11	1001138494	3	Bar, Drop	
12	1001138514	1	Rail (Top)	
13	1001140429	3	Decal - Drop Bar	
14	See Note	1	Platform (Note: Not Available - Purchase Platform Assembly)	

SECTION 5 - PLATFORM

FIGURE 5-15. PLATFORM ASSEMBLY WITH FALL ARREST (8FT)



ART_1001186334

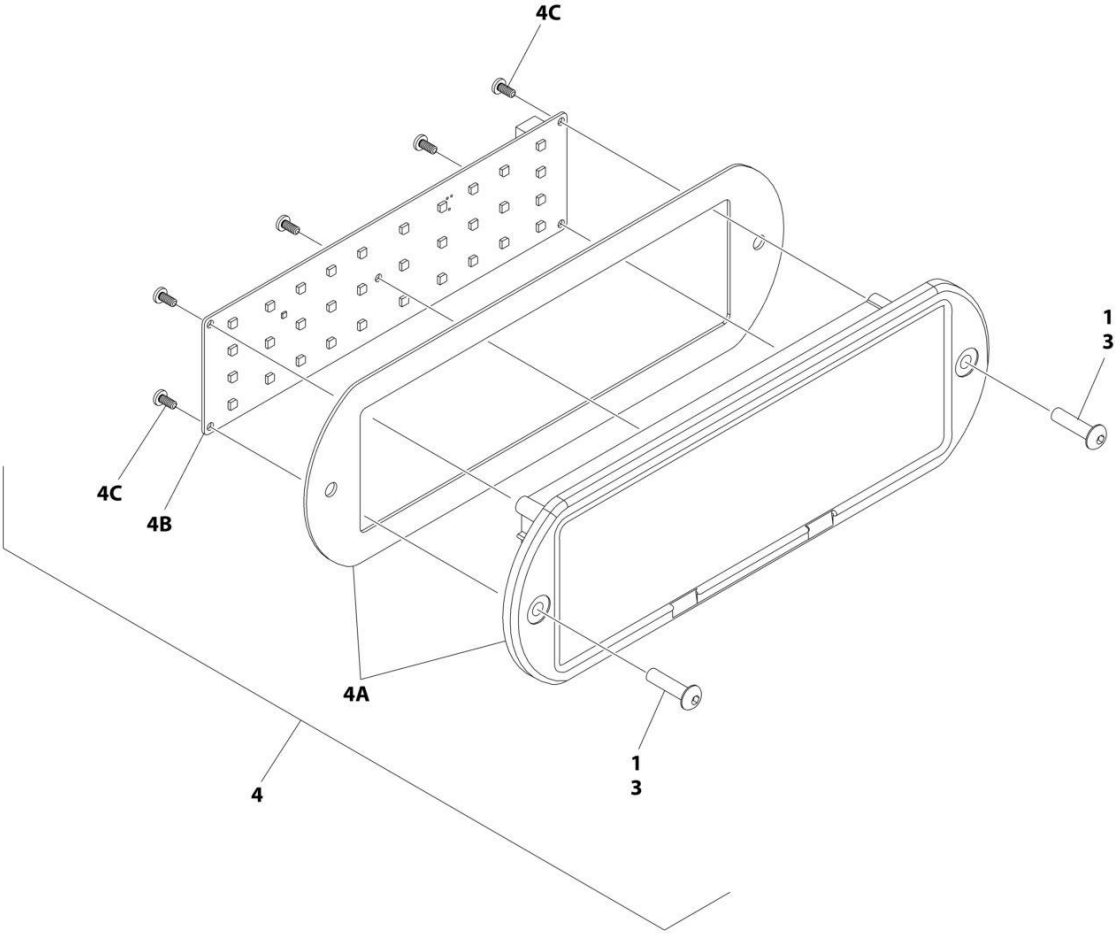
SECTION 5 - PLATFORM

FIGURE 5-15. PLATFORM ASSEMBLY WITH FALL ARREST (8FT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186334	Ref	PLATFORM ASSEMBLY	D
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.	
1	0681814	2	Bolt 1/2 x 1-3/4 Grade 8	
2	0681822	6	Bolt 1/2 x 2-3/4 Grade 8	
3	0962270	2	Bearing	
4	1702773	1	Decal - JLG	
5	1705014	1	Decal - Safety	
6	1706385	1	Decal - Drop Bar	
7	2410014	1	Bar, Drop	
8	3271805	8	Nut 1/2 Grade 8	
9	3311605	1	Nut 3/8	
10	3520072	1	Plug	
11	1001203656	1	Cable	
12	3900054	1	Bolt 1/2 x 1-3/4	
13	4711800	2	Washer 1/2	
14	4751800	6	Washer 1/2	
15	See Note	NSS	Platform (Note: Purchase Platform Assembly)	

SECTION 5 - PLATFORM

FIGURE 5-16. LIGHT PANEL INSTALLATION



ART_1001241403_2OF2

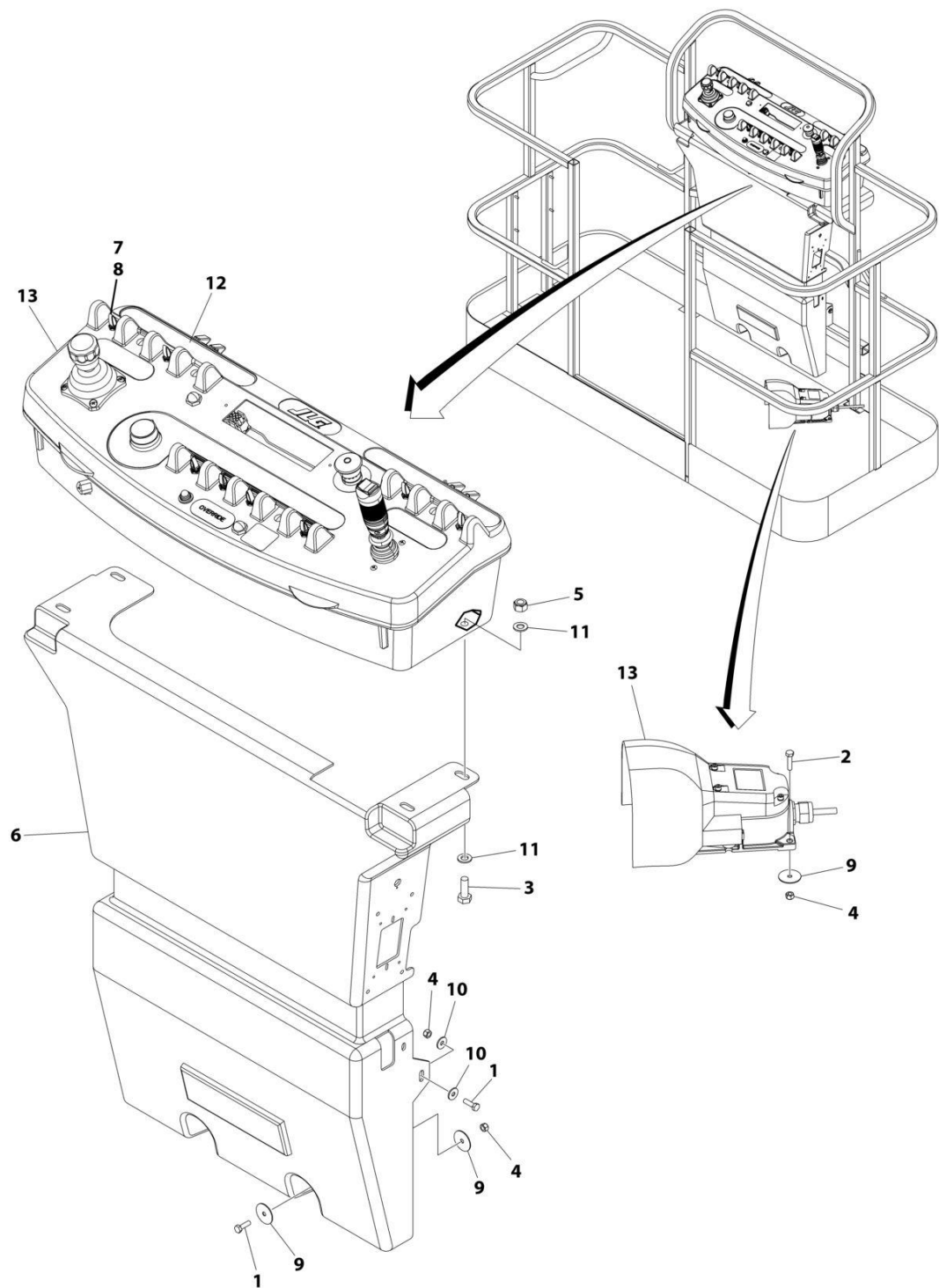
SECTION 5 - PLATFORM

FIGURE 5-16. LIGHT PANEL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241403	Ref	LIGHT PANEL INSTALLATION - PLATFORM CONSOLE	C
1	3300408	1	Nut, Nylon Insert	H
3	0630518	2	Screw #10 x 3/4	
4	1001238672	1	Light Panel Electrical Assembly	
4A	1001236089	1	Lens Assembly (Includes Housing Shell, Decal/Lens with Icons & Gasket)	
4B	1001238732	1	Panel, LED Light	
4C		Ref	Screw	

SECTION 5 - PLATFORM

FIGURE 5-17. CONSOLE AND FOOT SWITCH INSTALLATION



ART_1001266073

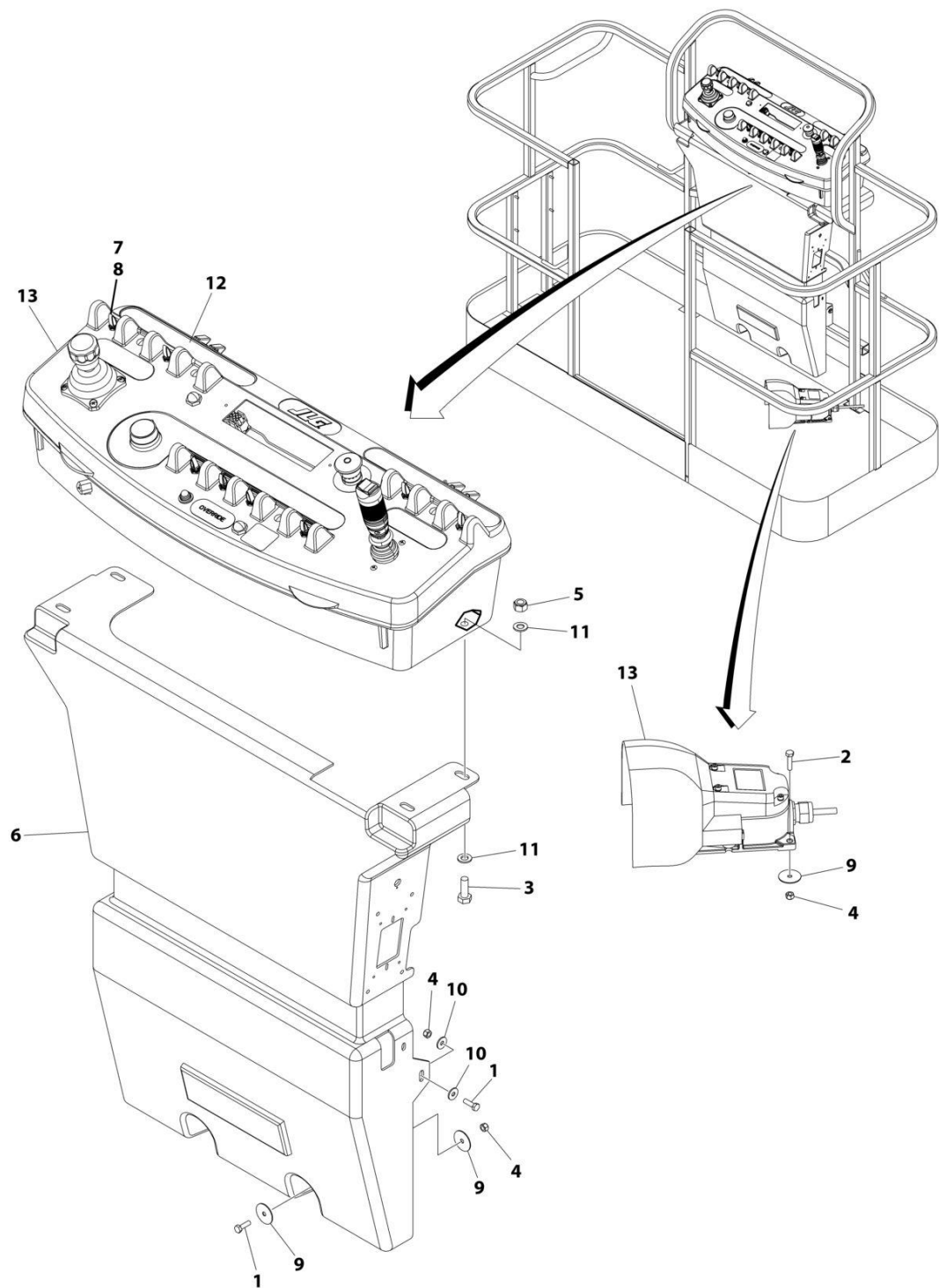
SECTION 5 - PLATFORM

FIGURE 5-17. CONSOLE AND FOOT SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266073	Ref	PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION	A
1	0641406	4	Bolt 1/4 x 3/4	
2	0641408	3	Bolt 1/4 x 1	
3	0641610	4	Bolt 3/8 x 1-1/4	
4	3311405	7	Nut 1/4	
5	3311605	4	Nut 3/8	
6	3380434	1	Panel	
7	3790012	1	O-Ring	
8	4360331	1	Switch, Toggle	
9	4740362	7	Washer	
10	4751400	4	Washer 1/4	
11	4761600	8	Washer 3/8	
12	1001184626	1	Decal - Horn	
13	1001266069	1	Platform Console Assembly (See Separate Breakdown in this Section)	

SECTION 5 - PLATFORM

FIGURE 5-18. CONSOLE AND FOOT SWITCH INSTALLATION WITH TOWER STOW



ART_1001264239

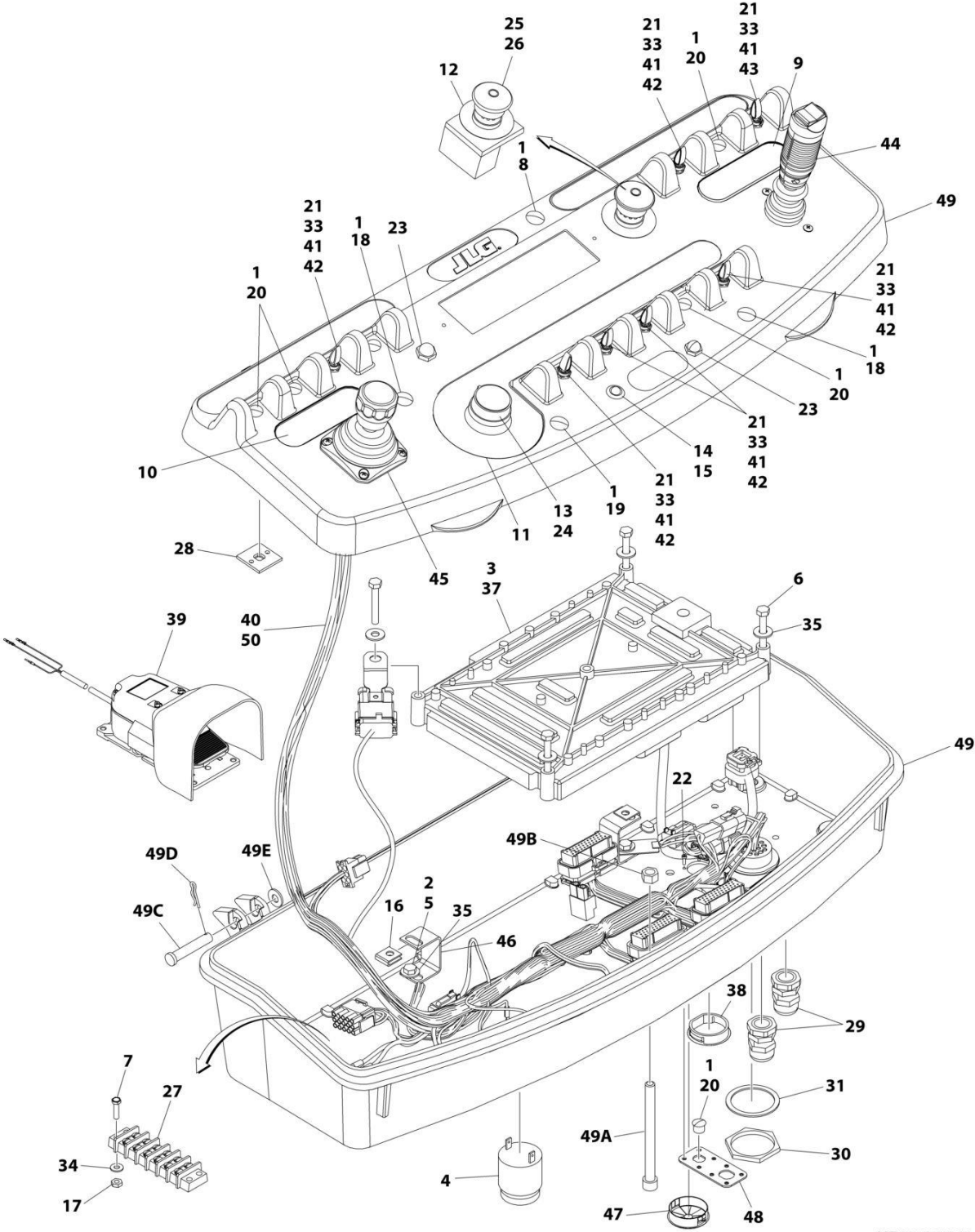
SECTION 5 - PLATFORM

FIGURE 5-18. CONSOLE AND FOOT SWITCH INSTALLATION WITH TOWER STOW

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001264239	Ref	PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION (TOWER STOW)	A
1	0641406	4	Bolt 1/4 x 3/4	
2	0641408	3	Bolt 1/4 x 1	
3	0641610	4	Bolt 3/8 x 1-1/4	
4	3311405	7	Nut 1/4	
5	3311605	4	Nut 3/8	
6	3380434	1	Panel	
7	3790012	AR	O-Ring	
8	4360331	AR	Switch, Toggle	
9	4740362	7	Washer	
10	4751400	4	Washer 1/4	
11	4761600	8	Washer 3/8	
12	1001184626	AR	Decal - Horn	
13	1001263588	1	Platform Console Assembly (See Separate Breakdown in this Section)	

SECTION 5 - PLATFORM

FIGURE 5-19. CONSOLE BOX ASSEMBLY WITH FOOTSWITCH



ART_1001266069

SECTION 5 - PLATFORM

FIGURE 5-19. CONSOLE BOX ASSEMBLY WITH FOOTSWITCH

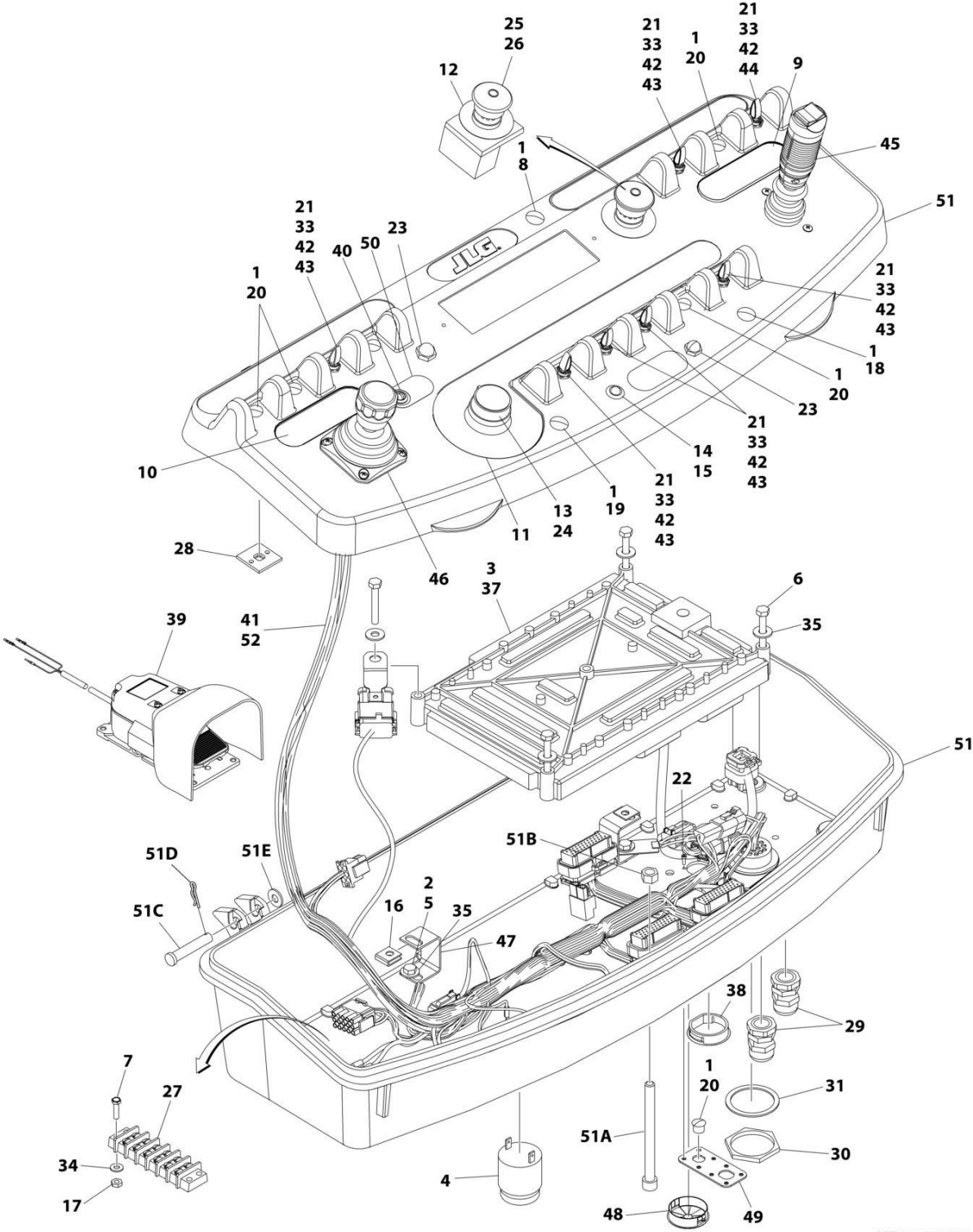
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266069	Ref	CONSOLE BOX ASSEMBLY	A
1	0100009	AR	Sealant	
2	0100035	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0140011	1	Alarm	
5	0641404	4	Bolt 1/4 x 1/2	
6	0641414	4	Bolt 1/4 x 1-3/4	
7	0721006	1	Bolt #10 x 3/4	
8	1671314	1	Cover	
9	1702565	1	Decal - Drive and Steer	
10	1702566	1	Decal - Lift and Swing	
11	1702567	1	Decal - Function Speed	
12	1704260	1	Decal - Emergency Stop	
13	2560136	1	Handle, Knob	
14	2920028	1	Light, Indicator	
15	2920029	1	Bulb, Light	
16	3300353	4	Nut, Tinnerman	
17	3311005	2	Nut #10	
18	3520026	2	Plug	
19	3520027	1	Plug	
20	3520054	5	Plug	
21	3790012	7	O-Ring	
22	3900349	8	Capscrew M2.5 x 8	
23	4360387	2	Switch, Push Button	
24	4360407	1	Controller, Speed	
24	4460224	1	Receptacle, Female - 6 Position	
24	4460226	6	Socket, Female	
24	See Note	1	Gasket "Top Hat" (Included with Switch) (Note: Not Available - Purchase Complete Controller)	
24	70003784	1	Seal	
25	4360475	1	Switch, Emergency Stop	
25	7020175	1	Cap, Red	
25	7020176	1	Block, Contact	
26	4360476	1	Contact, Switch	
27	4460007	1	Bussbar	
28	4460234	3	Mount, Tie-Strap	
29	4460428	2	Connector, Strain Relief	
30	4460470	1	Nut, Terminal	
31	4460471	1	Washer, Terminal	
32	4460708	2	Connector - 15 Position (Not Shown)	
33	4740397	7	Washer	
34	4751000	2	Washer #10	
35	4751400	8	Washer 1/4	
36	4922666	1	Analyzer Harness (Not Shown)	
36	4460761	1	Receptacle, Female - 4 Position	
36	4460227	4	Pin, Male	
37	1001106938	1	Module, Platform (Note: Re-calibration Required when Replaced)	
38	1001110434	1	Plug	
39	1001117174	1	Footswitch Assembly (See Separate Breakdown in this Section)	
40	1001139135	1	Boom Valve Harness (Not Shown - See Separate Breakdown in	

SECTION 5 - PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
			ELECTRICAL SECTION)	
41	1001155044	7	Nut 15/32	
42	1001155045	6	Switch, Toggle	
43	1001159256	1	Switch, Toggle	
44	1001166538	NLA	Controller Assembly (Drive and Steer) (Use p/n 1001212415) (See Separate Breakdown in this Section)	
45	1001166539	NLA	Controller Assembly (Lift and Swing) (Use p/n 1001129555) (See Separate Breakdown in this Section)	
46	1001172760	4	Bracket	
47	1001185281	1	Plug	
48	1001213882	1	Mount	
49	1001263587	1	Console Box Assembly	
49A	0630568	1	Capscrew 3/8 x 4-1/2	
49B	3311601	1	Nut 3/8	
49C	3430616	2	Pin	
49D	3470003	2	Hairpin	
49E	4711600	2	Washer 3/8	
50	1001266648	1	Platform Console Harness (See Separate Breakdown in ELECTRICAL SECTION)	

SECTION 5 - PLATFORM

FIGURE 5-20. CONSOLE BOX ASSEMBLY WITH FOOTSWITCH WITH TOWER STOW



ART_1001263588

SECTION 5 - PLATFORM

FIGURE 5-20. CONSOLE BOX ASSEMBLY WITH FOOTSWITCH WITH TOWER STOW

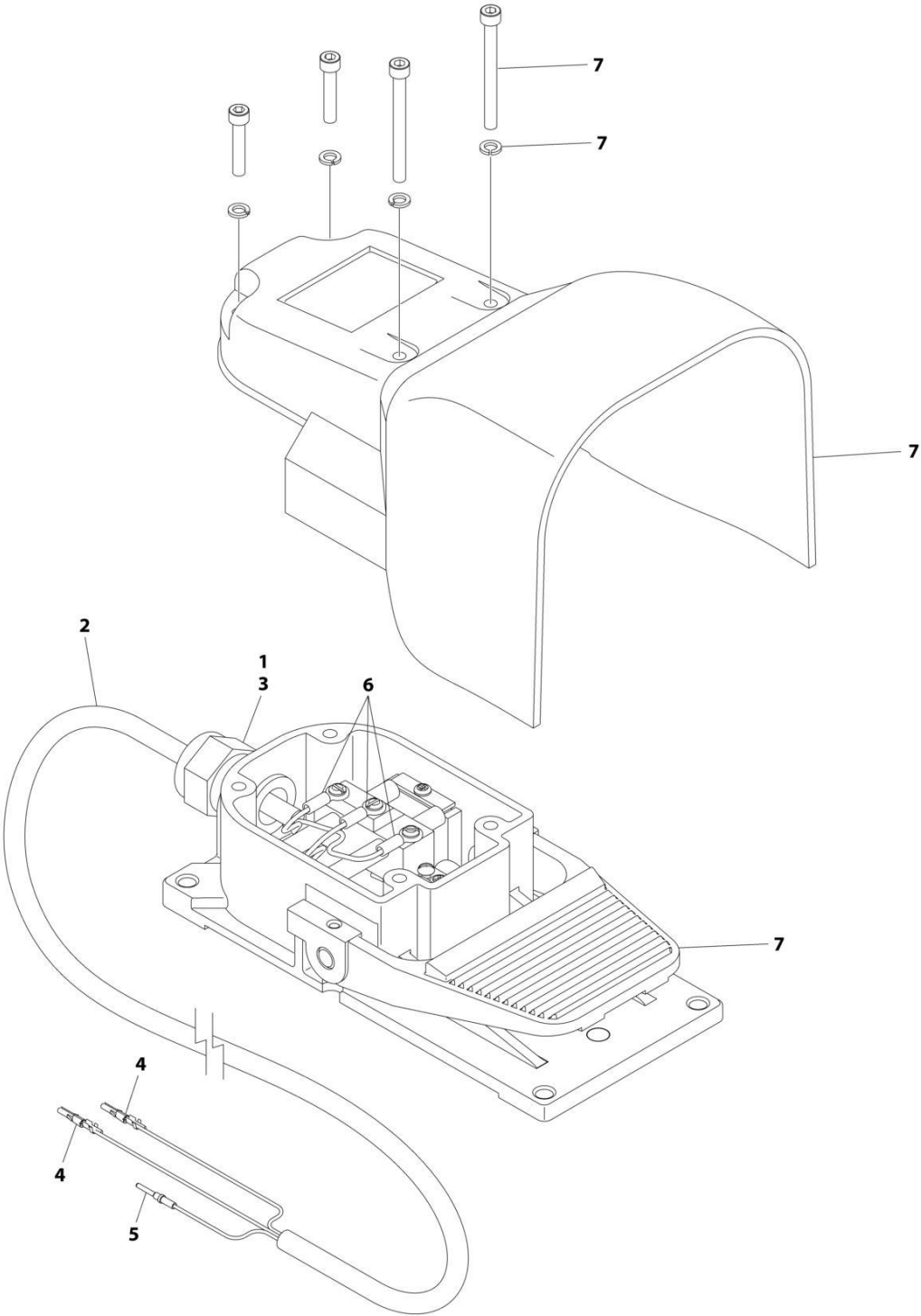
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263588	Ref	CONSOLE BOX ASSEMBLY	A
1	0100009	AR	Sealant	
2	0100035	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0140011	1	Alarm	
5	0641404	4	Bolt 1/4 x 1/2	
6	0641414	4	Bolt 1/4 x 1-3/4	
7	0721006	1	Bolt #10 x 3/4	
8	1671314	1	Cover	
9	1702565	1	Decal - Drive and Steer	
10	1702566	1	Decal - Lift and Swing	
11	1702567	1	Decal - Function Speed	
12	1704260	1	Decal - Emergency Stop	
13	2560136	1	Handle, Knob	
14	2920028	1	Light, Indicator	
15	2920029	1	Bulb, Light	
16	3300353	4	Nut, Tinnerman	
17	3311005	2	Nut #10	
18	3520026	2	Plug	
19	3520027	1	Plug	
20	3520054	5	Plug	
21	3790012	7	O-Ring	
22	3900349	8	Capscrew M2.5 x 8	
23	4360387	2	Switch, Push Button	
24	4360407	1	Controller, Speed	
24	4460224	1	Receptacle, Female - 6 Position	
24	4460226	6	Socket, Female	
24	See Note	1	Gasket "Top Hat" (Included with Switch) (Note: Not Available - Purchase Complete Controller)	
24	70003784	1	Seal	
25	4360475	1	Switch, Emergency Stop	
25	7020175	1	Cap, Red	
25	7020176	1	Block, Contact	
26	4360476	1	Contact, Switch	
27	4460007	1	Bussbar	
28	4460234	3	Mount, Tie-Strap	
29	4460428	2	Connector, Strain Relief	
30	4460470	1	Nut, Terminal	
31	4460471	1	Washer, Terminal	
32	4460708	2	Connector - 15 Position (Not Shown)	
33	4740397	7	Washer	
34	4751000	2	Washer #10	
35	4751400	8	Washer 1/4	
36	4922666	1	Analyzer Harness (Not Shown)	
36	4460761	1	Receptacle, Female - 4 Position	
36	4460227	4	Pin, Male	
37	1001106938	1	Module, Platform (Note: Re-calibration Required when Replaced)	
38	1001110434	1	Plug	
39	1001117174	1	Footswitch Assembly (See Separate Breakdown in this Section)	
40	1001137364	1	Light, Indicator	

SECTION 5 - PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
41	1001139135	1	Boom Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
42	1001155044	7	Nut 15/32	
43	1001155045	6	Switch, Toggle	
44	1001159256	1	Switch, Toggle	
45	1001166538	NLA	Controller Assembly (Drive and Steer) (Use p/n 1001212415) (See Separate Breakdown in this Section)	
46	1001166539	NLA	Controller Assembly (Lift and Swing) (Use p/n 1001129555) (See Separate Breakdown in this Section)	
47	1001172760	4	Bracket	
48	1001185281	1	Plug	
49	1001213882	1	Mount	
50	1001260937	1	Decal – Tower Stow	
51	1001263587	1	Console Box Assembly	
51A	0630568	1	Capscrew 3/8 x 4-1/2	
51B	3311601	1	Nut 3/8	
51C	3430616	2	Pin	
51D	3470003	2	Hairpin	
51E	4711600	2	Washer 3/8	
52	1001266648	1	Platform Console Harness (See Separate Breakdown in ELECTRICAL SECTION)	

SECTION 5 - PLATFORM

FIGURE 5-21. FOOTSWITCH ASSEMBLY



ART_1001117174

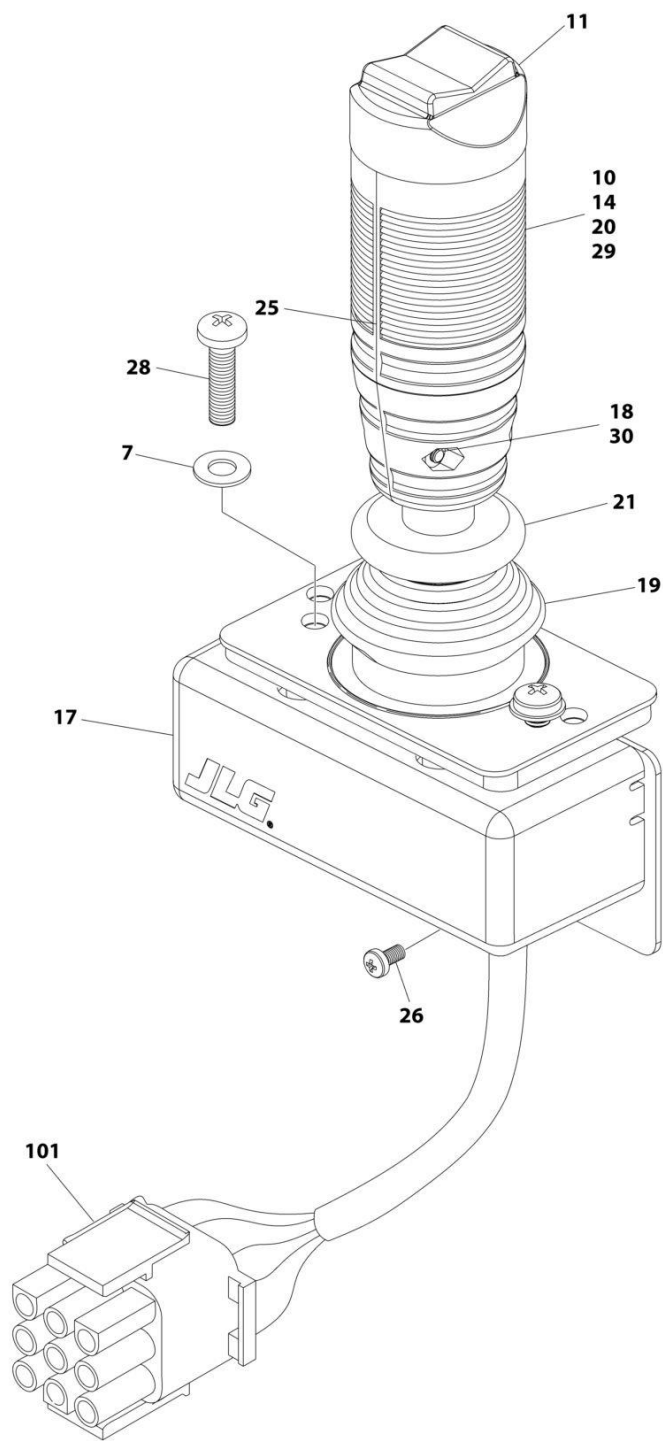
SECTION 5 - PLATFORM

FIGURE 5-21. FOOTSWITCH ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001117174	Ref	FOOTSWITCH ASSEMBLY	B
1	0100020	AR	Sealant	
2	1060918	7.5 ft/ 2.3m	Cable, Electrical - 18/3	
3	4460071	1	Connector, Strain Relief	
4	4460226	2	Socket, Female	
5	4460464	1	Pin, Male	
6	1001098122	3	Terminal	
7	1001117172	1	Footswitch	
7	70002902	1	Switch, 20Amp	
7	70002903	1	Gasket	
7	70002905	1	Cover	
7	70002904	1	Kit, Replacement Bolt	

SECTION 5 - PLATFORM

FIGURE 5-22. CONTROLLER ASSEMBLY- DRIVE/STEER



ART_1001166538

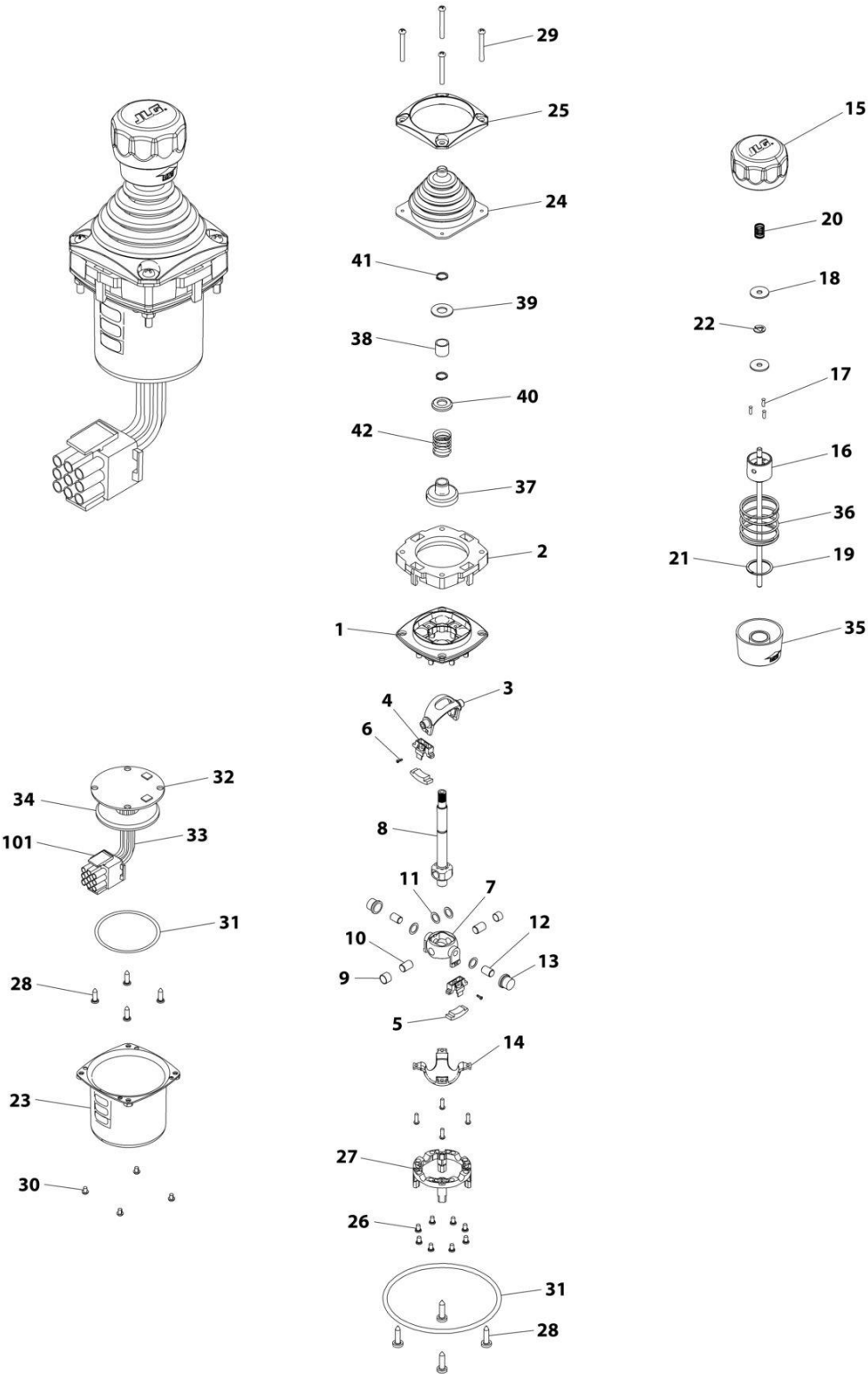
SECTION 5 - PLATFORM

FIGURE 5-22. CONTROLLER ASSEMBLY- DRIVE/STEER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166538	Ref	CONTROLLER ASSEMBLY - DRIVE AND STEER	G
		Ref	Note: For Replacement, Use p/n 1001212415.	
7	70004738	2	Washer	
10	70004739	1	Roller	
11	70004740	1	Boot, Switch	
14	70004741	2	Half, Handle	
17	70004742	1	Enclosure	
18	70004743	4	Nut	
19	70004744	NLA	Boot, Controller (Use p/n 70005230 Boot/Base Assembly)	
20	70004745	NLA	Tube, Locking (Use p/n 70005230 Boot/Base Assembly)	
21	70004746	NLA	Disc, Locking (Use p/n 70005230 Boot/Base Assembly)	
25	70004747	2	Seal, Rope	
26	70004748	1	Screw M3 x 6	
28	70004749	2	Screw M5 x 20	
29	70004750	1	Pin, Dowel	
30	70004751	4	Screw M3 x 16	
101	4460265	1	Connector - 9 Position	
101	4460226	7	Socket, Female	

SECTION 5 - PLATFORM

FIGURE 5-23. CONTROLLER ASSEMBLY - LIFT/SWING



ART_1001166539

SECTION 5 - PLATFORM

FIGURE 5-23. CONTROLLER ASSEMBLY - LIFT/SWING

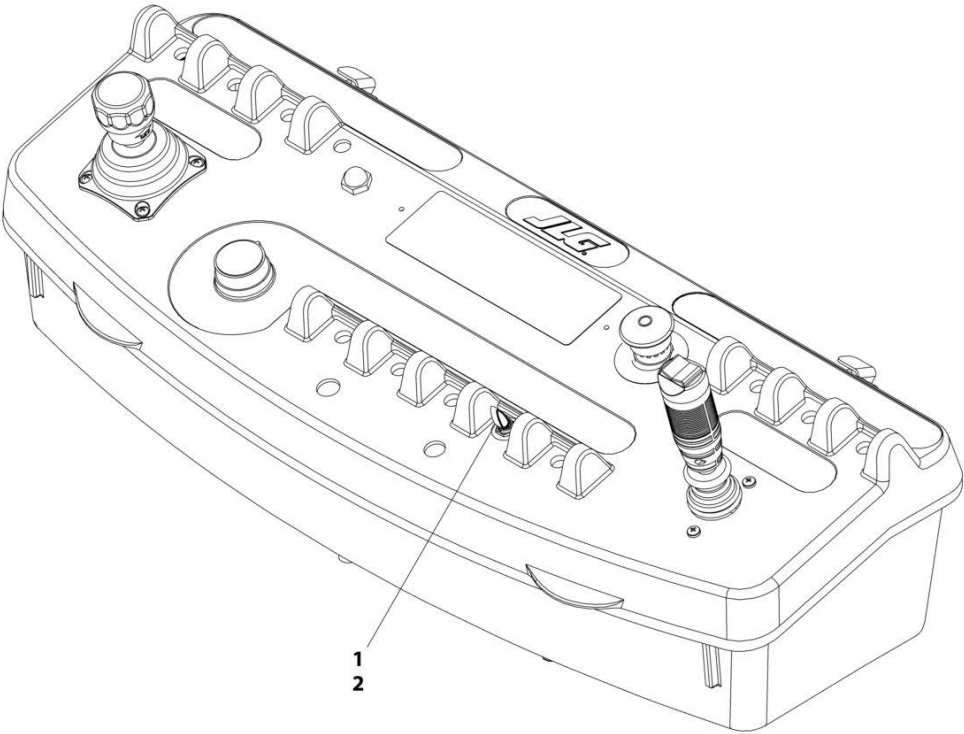
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166539	Ref	CONTROLLER ASSEMBLY	E
		Ref	Note: Original Equipment Controller May Have Been Replaced with Service Replacement Controller. Visually Identify Controller Before Ordering Parts.	
		Ref	Note: For Replacement, Use p/n 1001129555	
1	See Note	NSS	Main Cast Body (Note: Not Available - Purchase Complete Assembly)	
2	70004752	1	Adapter	
3	See Note	NSS	Pivot Arm, Plastic (Note: Not Available - Purchase Complete Assembly)	
4	See Note	NSS	Holder, Magnet (Note: Not Available - Purchase Complete Assembly)	
5	See Note	NSS	Arc, Magnet (Note: Not Available - Purchase Complete Assembly)	
6	See Note	NSS	Screw (Note: Not Available for Purchase)	
7	See Note	NSS	Pivot Arm, Cast (Note: Not Available - Purchase Complete Assembly)	
8	See Note	NSS	Shaft, Main (Note: Not Available - Purchase Complete Assembly)	
9	See Note	NSS	Bearing (Note: Not Available - Purchase Complete Assembly)	
10	See Note	NSS	Pin (Note: Not Available - Purchase Complete Assembly)	
11	See Note	NSS	Shim (Note: Not Available - Purchase Complete Assembly)	
12	See Note	NSS	Pin (Note: Not Available - Purchase Complete Assembly)	
13	See Note	NSS	Bearing (Note: Not Available - Purchase Complete Assembly)	
14	See Note	NSS	Dome, Centering (Note: Not Available - Purchase Complete Assembly)	
15	70004753	1	Cap	
16	70004754	1	Insert, Cap	
17	70004755	3	Pin	
18	70004756	2	Washer	
19	70004757	1	Pin, Centering	
20	70004758	1	Spring	
21	70004759	1	Ring, Retaining	
22	70004760	1	E-Ring	
23	70004761	1	Can, Enclosure	
24	70004762	1	Boot	
25	70004763	1	Bezel	
26	See Note	NSS	Screw (Note: Not Available for Purchase)	
27	See Note	NSS	Base Mounting (Note: Not Available - Purchase Complete Assembly)	
28	See Note	NSS	Screw (Note: Not Available for Purchase)	
29	70004764	4	Screw	
30	70004765	4	Screw	
31	70004766	1	O-Ring	
32	See Note	NSS	Plate (Note: Not Available - Purchase Complete Assembly)	
33	See Note	NSS	Harness (Note: Not Available - Purchase Complete Assembly)	
34	70004767	1	Grommet, Rubber	
35	70004768	1	Housing	
36	70004769	1	Spring	
37	70004770	1	Stopper	
38	70004771	1	Spacer	
39	70004772	1	Washer	
40	70004773	1	Disc	

SECTION 5 - PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
41	70004774	2	Ring, Retaining	
42	70004775	1	Spring	
101	4460265	1	Connector - 9 Position	
101	4460226	6	Socket, Female	

SECTION 5 - PLATFORM

FIGURE 5-24. JIB SWITCH INSTALLATION - 800AJ



ART_0271340

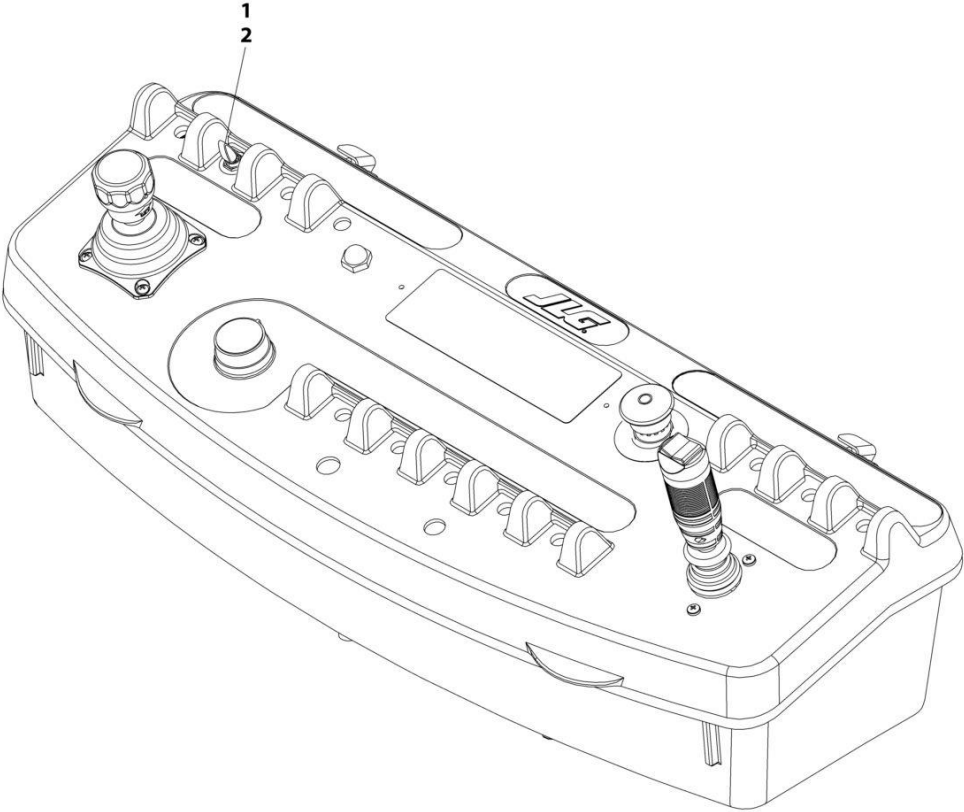
SECTION 5 - PLATFORM

FIGURE 5-24. JIB SWITCH INSTALLATION - 800AJ

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271340	Ref	JIB SWITCH INSTALLATION	1/A
1	4360328	1	Switch, Toggle	
2	3790012	1	O-Ring	

SECTION 5 - PLATFORM

FIGURE 5-25. STEER SWITCH INSTALLATION - 4WS



ART_0258945

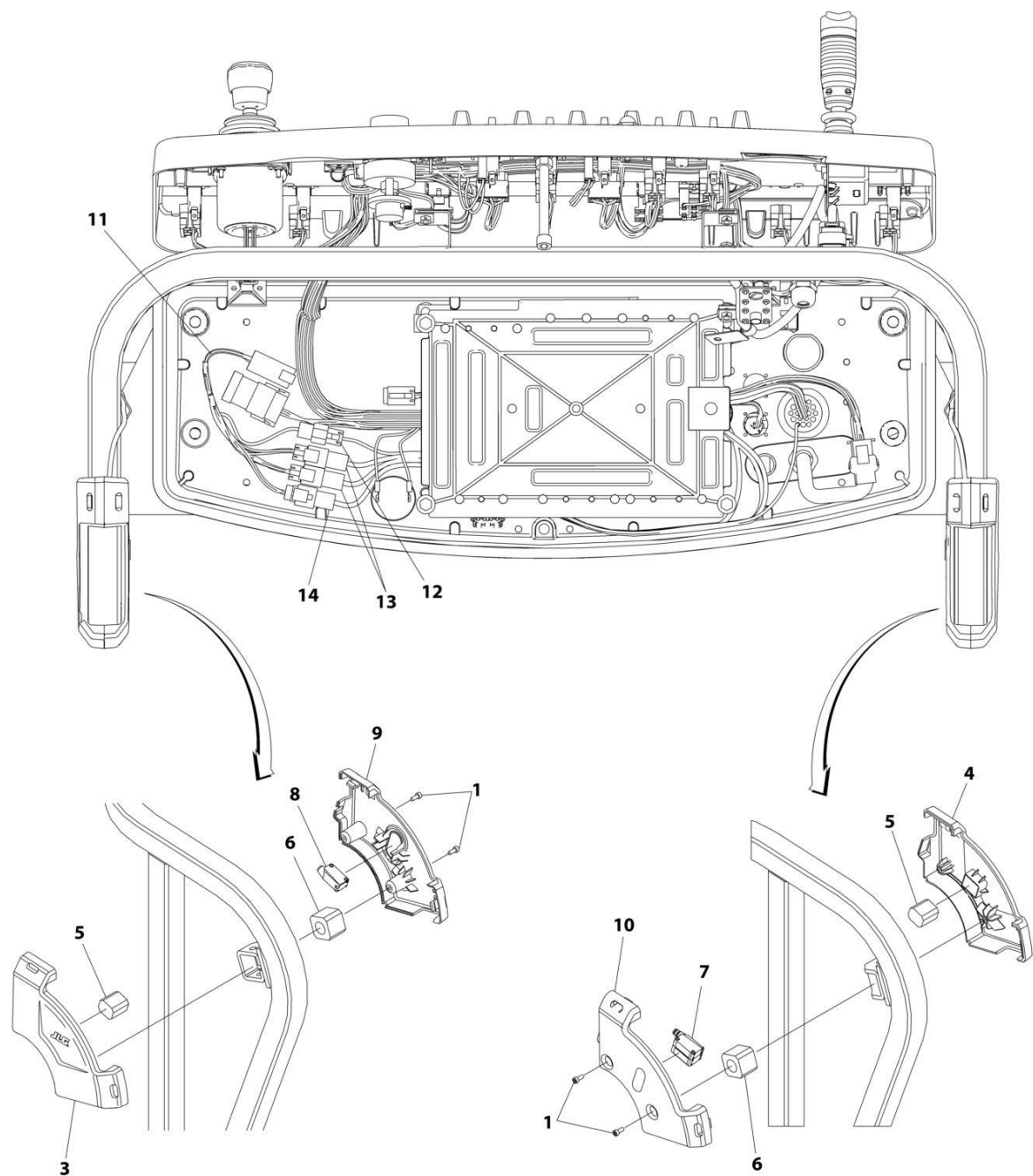
SECTION 5 - PLATFORM

FIGURE 5-25. STEER SWITCH INSTALLATION - 4WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0258945	Ref	STEER SWITCH INSTALLATION - 4WS	A
1	4360331	1	Switch, Toggle	
2	3790012	1	O-Ring	

SECTION 5 - PLATFORM

FIGURE 5-26. SKYEYE INSTALLATION



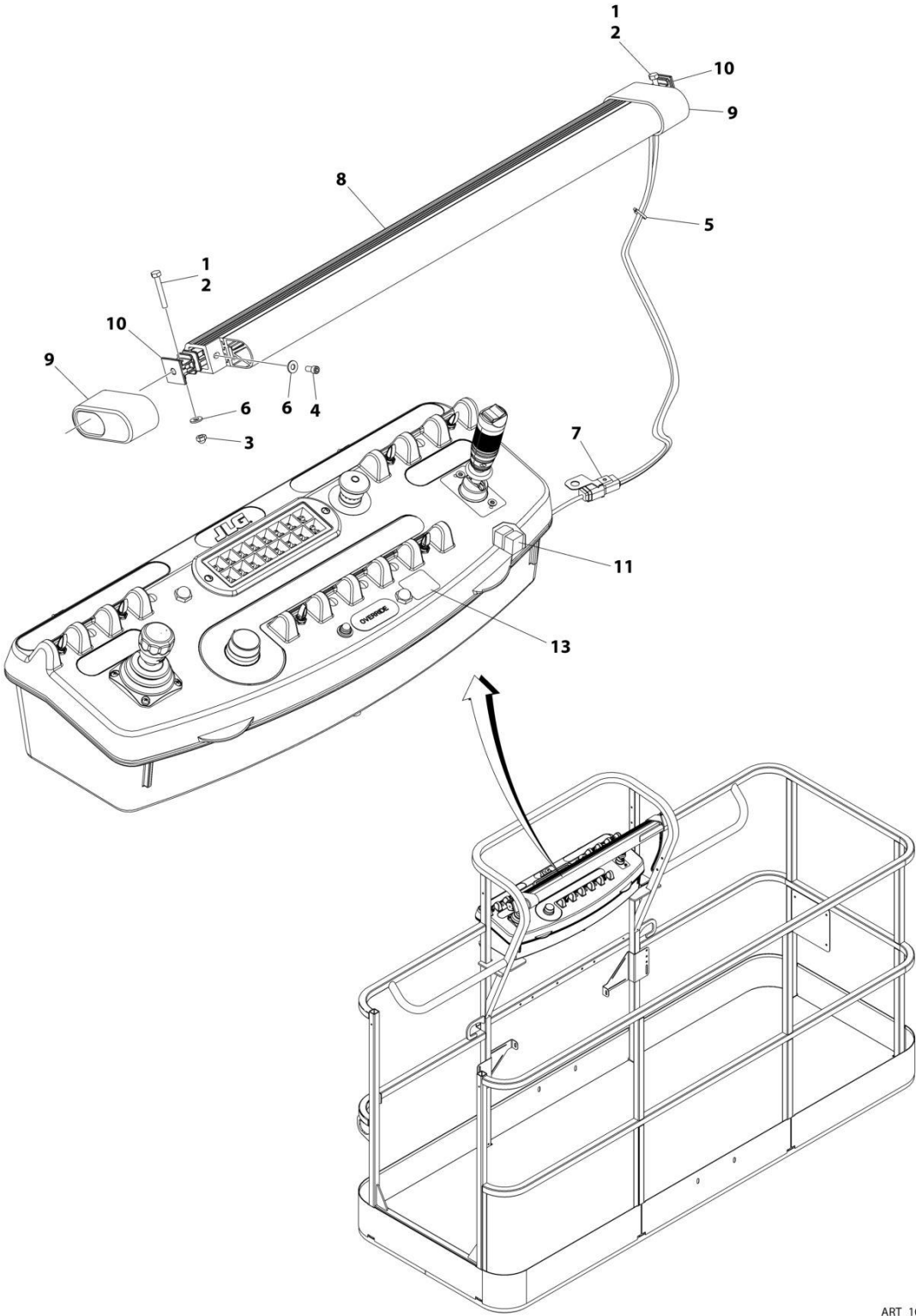
ART_1001229341

FIGURE 5-26. SKYEYE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229341	Ref	SKYEYE INSTALLATION	B
1	4031505	4	Bolt M4 x 10	
2	4240033	AR	Tie-Strap (Not Shown)	
3	1001227633	1	Housing, LH Outer	
4	1001227634	1	Housing, RH Outer	
5	1001227985	2	Shim	
6	1001227987	2	Shim	
7	1001228224	2	Sensor, Receiver	
8	1001228225	1	Sensor, Emitter	
9	1001232164	1	Housing, LH Inner	
10	1001232165	1	Housing, RH Inner	
11	1001237865	1	Harness, Skyeye Intermediate (See Separate Breakdown in ELECTRICAL Section)	
12	1001238319	NLA	Harness, Skyeye Drain Jumper	
12	1001187674	1	Plug, Male - 2 Position	
12	4460942	1	Terminal	
12	4460466	1	Plug, Terminal	
12	4460508	1	Pin, Male	
13	1001237863	2	Harness, Skyeye Receiver (See Separate Breakdown in ELECTRICAL Section)	
14	1001237864	1	Harness, Skyeye Emitter (See Separate Breakdown in ELECTRICAL Section)	

SECTION 5 - PLATFORM

FIGURE 5-27. SKYGUARD BAR INSTALLATION



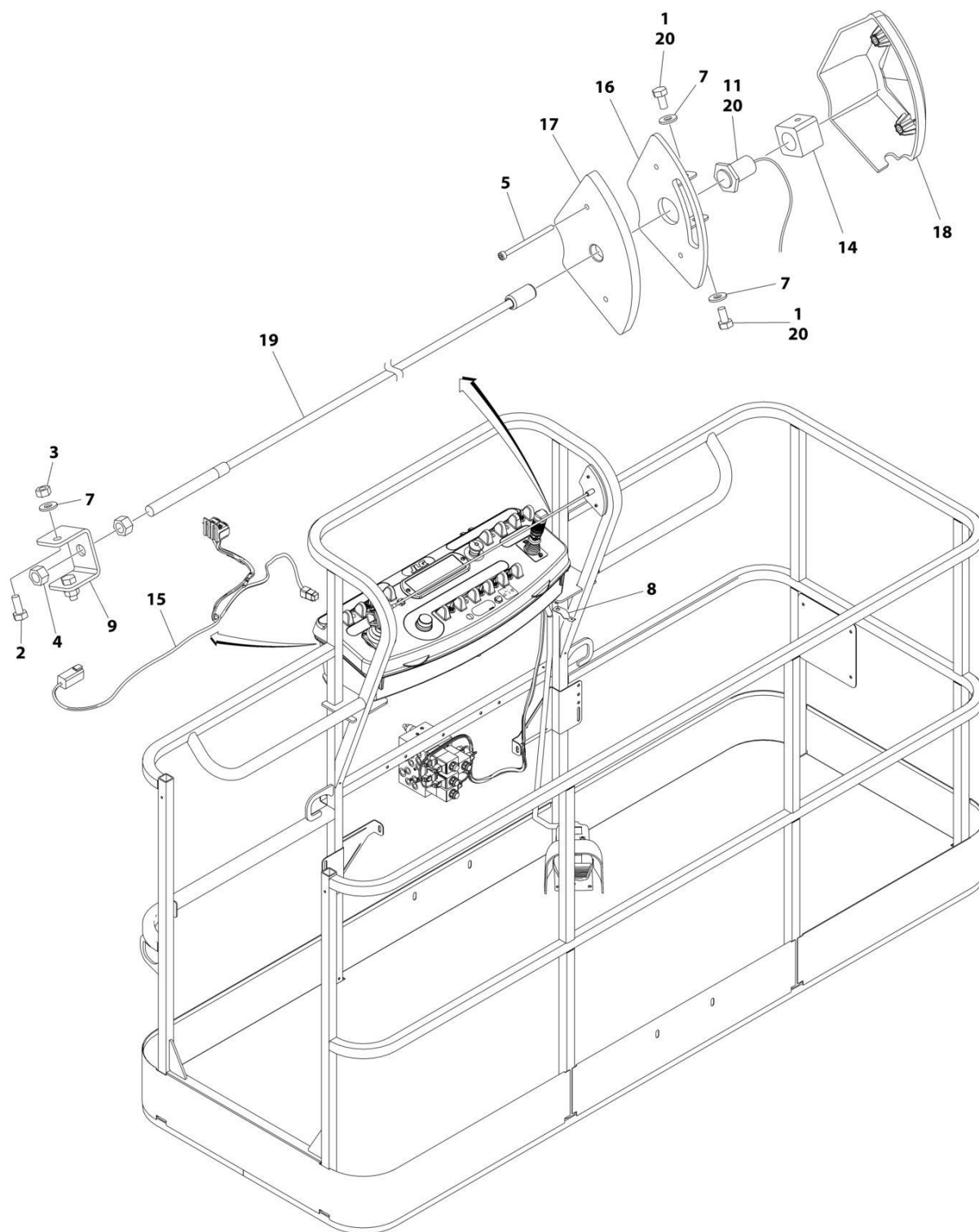
ART_1001238495

FIGURE 5-27. SKYGUARD BAR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238495	Ref	SKYGUARD BAR INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641414	2	Bolt 1/4 x 1-3/4	
3	3300430	2	Nut 1/4	
4	3931408	2	Capscrew 1/4 x 1/2	
5	4240033	8	Tie-Strap	
6	4711400	6	Washer 1/4	
7	1001120328	1	Mount	
8	1001137673	1	SkyGuard Switch Assembly	
9	1001186517	2	Cover, Platform Sensor	
10	1001209664	2	Support, Block	
11	1001186431	2	Relay	
12	1001225580	1	Interface Harness Assembly (Not Shown - Located Inside Console Box) (See Separate Breakdown in ELECTRICAL Section)	
13	1001144433	1	Decal - No Weight SkyGuard	

SECTION 5 - PLATFORM

FIGURE 5-28. SKYLINE INSTALLATION



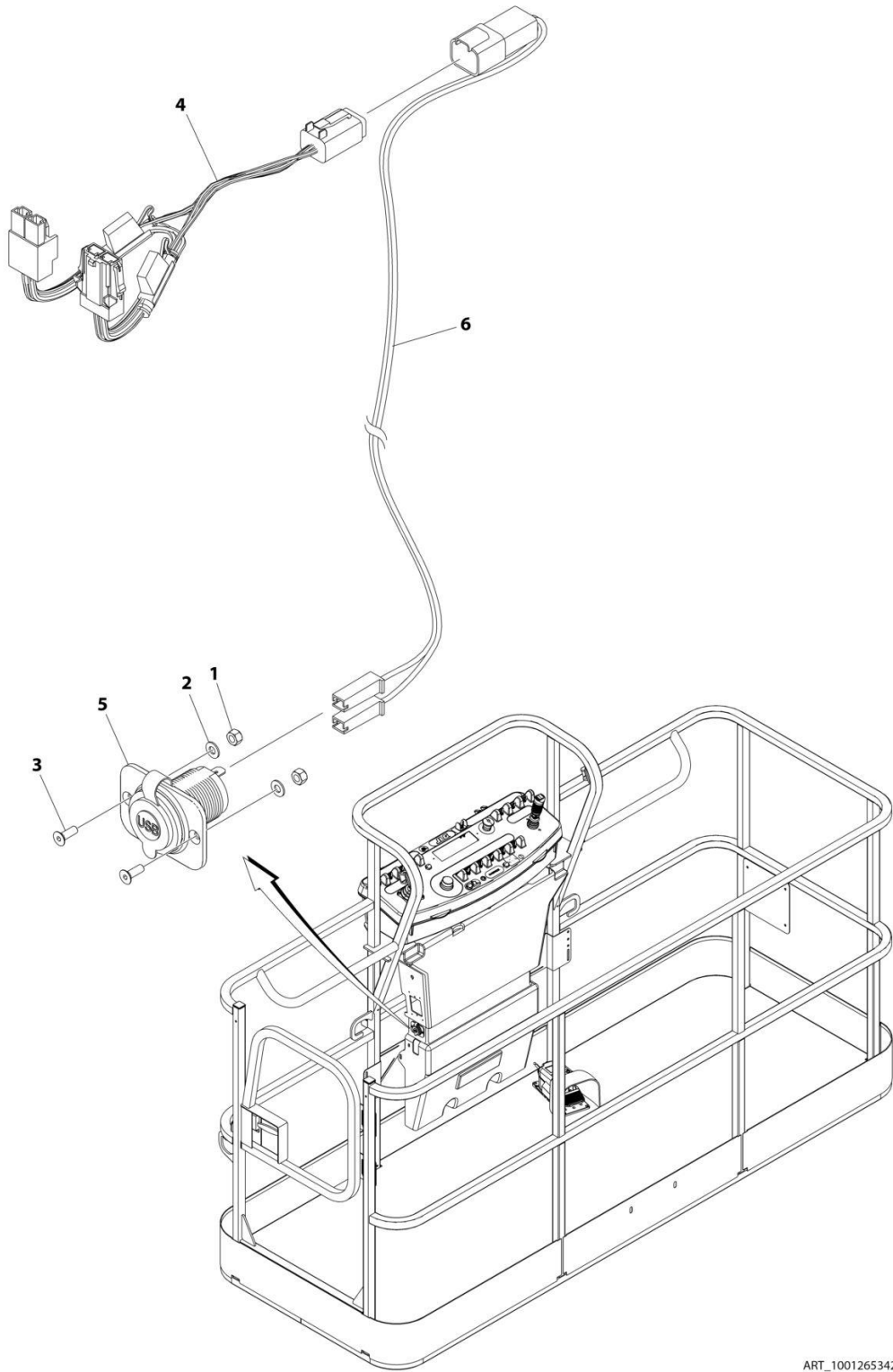
ART_1001238559_D

FIGURE 5-28. SKYLINE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238559	Ref	SKYLINE INSTALLATION	D
1	0641404	2	Bolt 1/4 x 1/2	
2	0641405	2	Bolt 1/4 x 5/8	
3	3311405	2	Nut 1/4	
4	3311601	2	Nut 3/8	
5	4031516	2	Capscrew M4 x 60	
6	4240033	AR	Tie-Strap (Not Shown)	
7	4711400	4	Washer 1/4	
8	1001120328	1	Mount	
9	1001232642	1	Bracket	
11	1001232667	1	Sensor, Proximity	
14	1001236552	1	Block	
15	1001238418	1	Harness, Skyline (See Separate Breakdown in ELECTRICAL Section)	
16	1001238472	1	Mount	
17	1001254473	1	Housing, LH	
18	1001241965	1	Housing, RH	
19	1001254472	1	Rod	
20	0100011	AR	Compound, Locking	

SECTION 5 - PLATFORM

FIGURE 5-29. USB CHARGER INSTALLATION



ART_1001265342

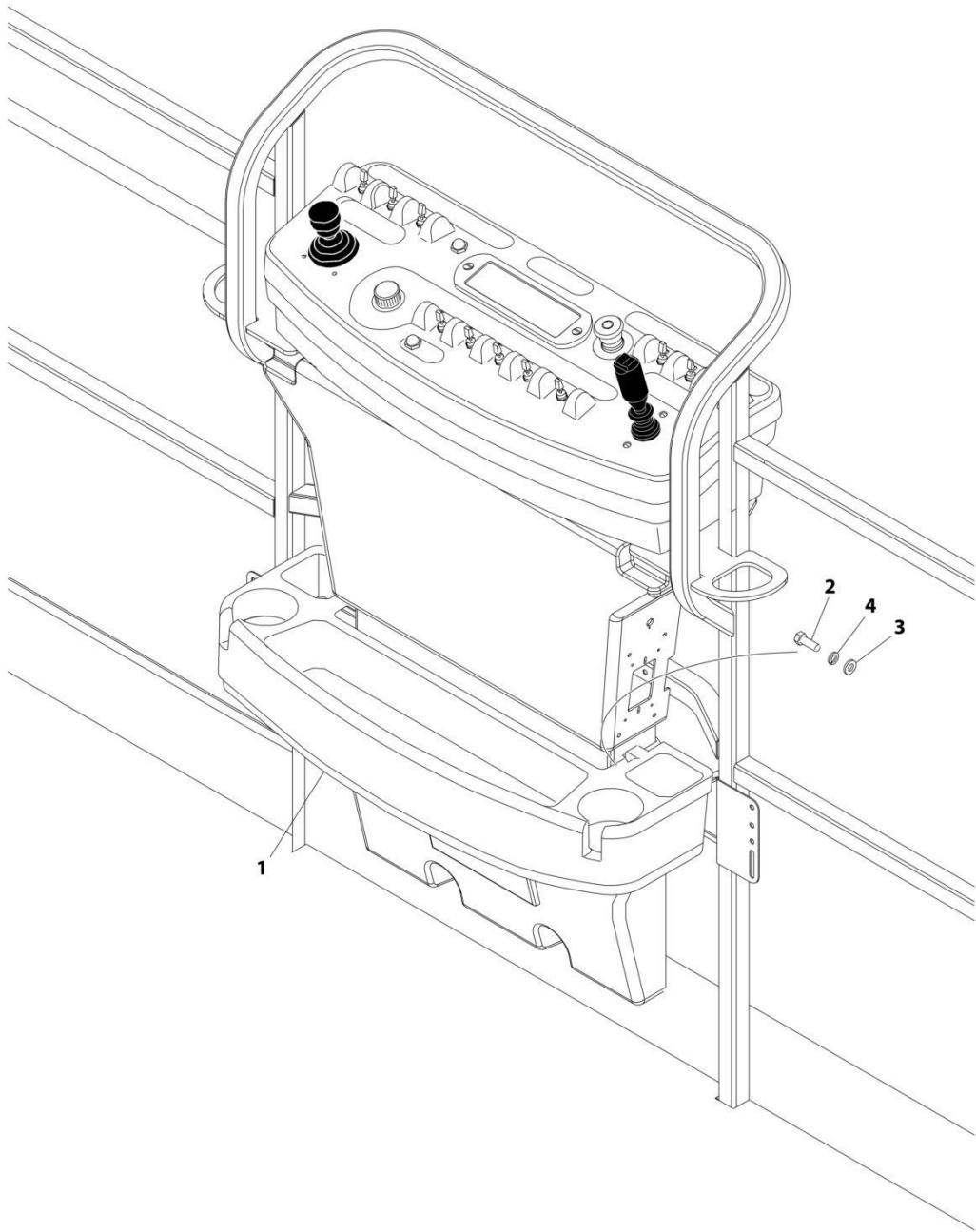
SECTION 5 - PLATFORM

FIGURE 5-29. USB CHARGER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001265342	Ref	USB CHARGER INSTALLATION	A
1	3290405	2	Nut M4	
2	4811400	2	Washer M4	
3	1001097244	2	Screw M4 x 12	
4	1001120484	1	Harness, Work Lights	
4	4460879	1	Plug, Male - 2 Position	
4	4460887	2	Terminal	
4	2400060	2	Fuseholder Includes Cover	
4	8229249	2	Fuse, 3 Amp	
4	4460884	1	Connector - 4 Position	
4	4460465	4	Socket, Female	
4	1001120471	1	Connector - 2 Position	
4	1001120477	2	Terminal	
5	1001210636	1	Receptacle, USB	
6	1001265163	1	Harness, USB	A
6	4460260	2	Cover, Terminal	
6	4460259	2	Terminal	
6	4460932	1	Receptacle, Bussbar - 4 Position	
6	4460464	2	Pin, Male	
6	4460466	2	Plug, Terminal	

SECTION 5 - PLATFORM

FIGURE 5-30. STORAGE TRAY INSTALLATION - CENTER



ART_1580012

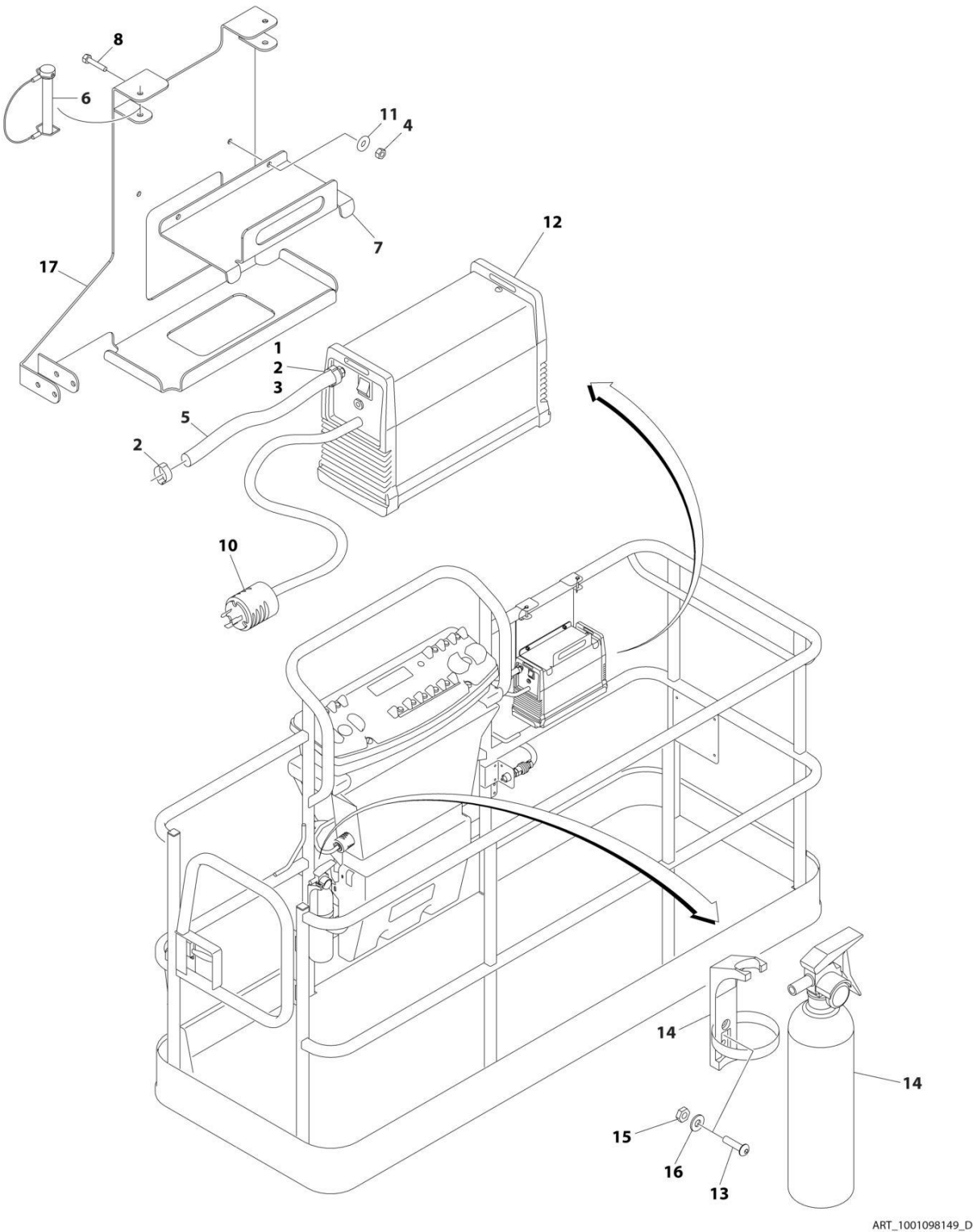
SECTION 5 - PLATFORM

FIGURE 5-30. STORAGE TRAY INSTALLATION - CENTER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1580012	Ref	TRAY ASSEMBLY	C
1	See Note	NSS	Tray, Storage (Center) (Note: Purchase p/n 1580012)	
2	0641406	2	Bolt 1/4 x 3/4	
3	4751400	2	Washer 1/4	
4	4761400	2	Washer 1/4	

SECTION 5 - PLATFORM

FIGURE 5-31. SKYCUTTER INSTALLATION



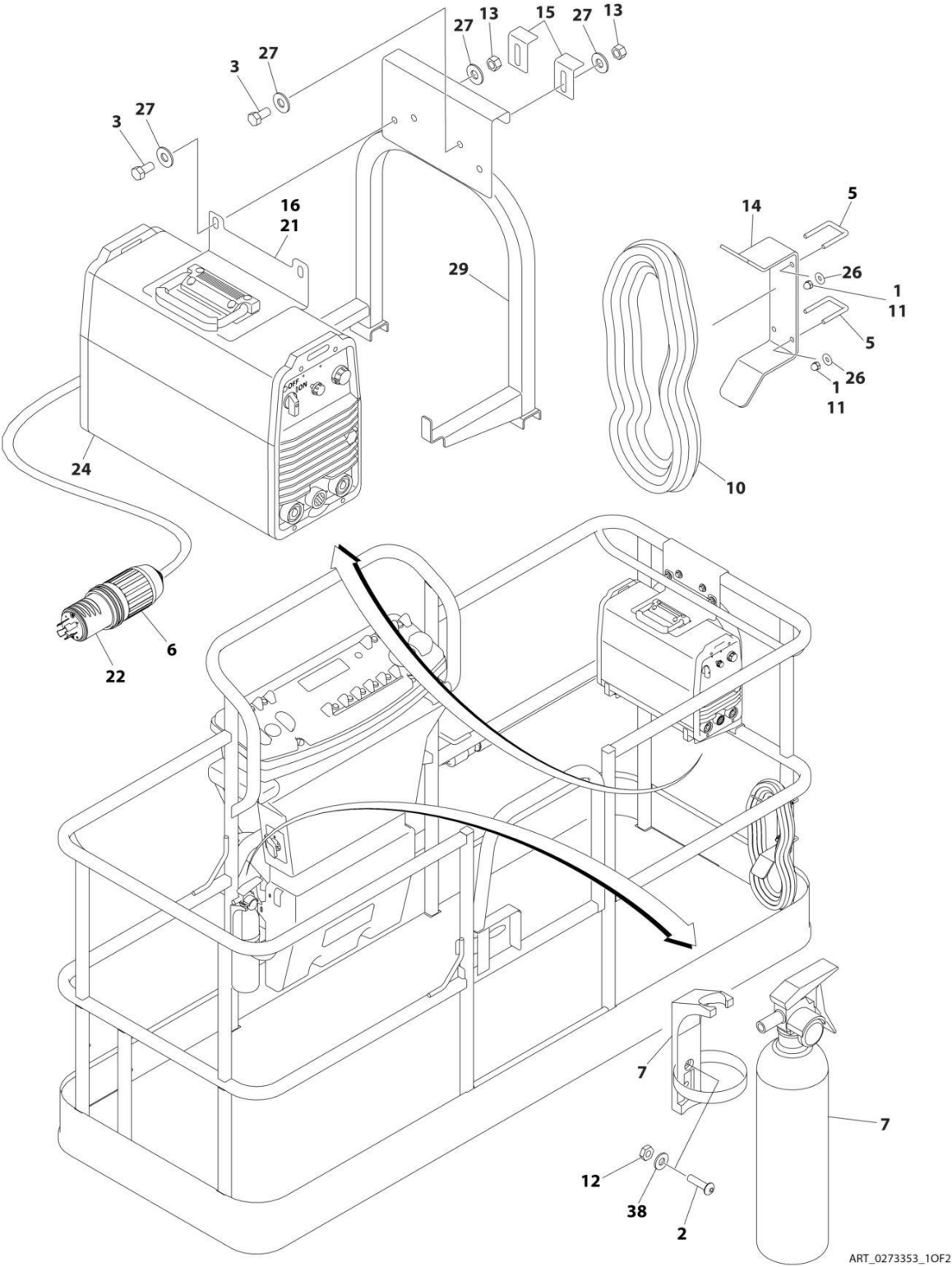
SECTION 5 - PLATFORM

FIGURE 5-31. SKYCUTTER INSTALLATION

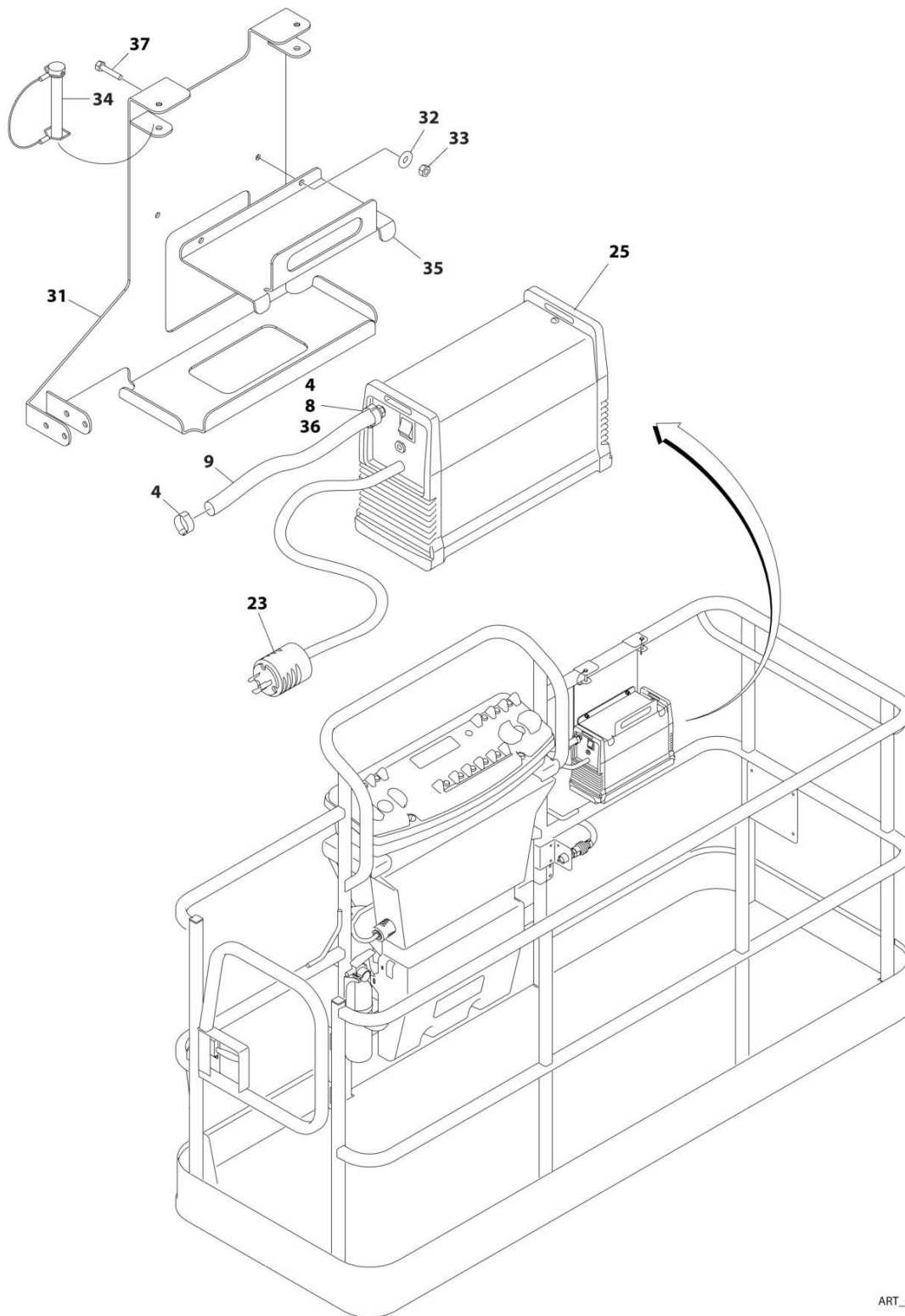
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001098149	Ref	SKYCUTTER INSTALLATION	D
		Ref	Note: When replacing platform on machines with SkyCutter option, new bracket p/n 1001145405 must be purchased to accommodate SkyCutter components.	
1	0100020	AR	Sealant	
2	1320177	2	Clamp, Hose	
3	2180832	1	Fitting, NPT/Barbed	
4	3290605	2	Nut M6	
5	2720160	3 ft /.9m	Hose	
6	3421453	3	Pin	
7	3576799	1	Plate, Hold-Down	
8	4010608	2	Screw M6 x 16	
10	4460971	1	Plug, Twistlock	
11	4811700	2	Washer M6	
12	1001098012	1	Plasma Cutter Assembly (See Separate Breakdown in this Section)	
13	0630518	2	Screw #10 x 3/4	
14	2030010	1	Extinguisher, Fire	
15	3311005	2	Nut #10	
16	4751000	2	Washer #10	
17	1001145405	1	Support	

SECTION 5 - PLATFORM

FIGURE 5-32. SKYWELDER/SKYCUTTER COMBO INSTALLATION (60HZ)



SECTION 5 - PLATFORM



ART_0273353_20F2

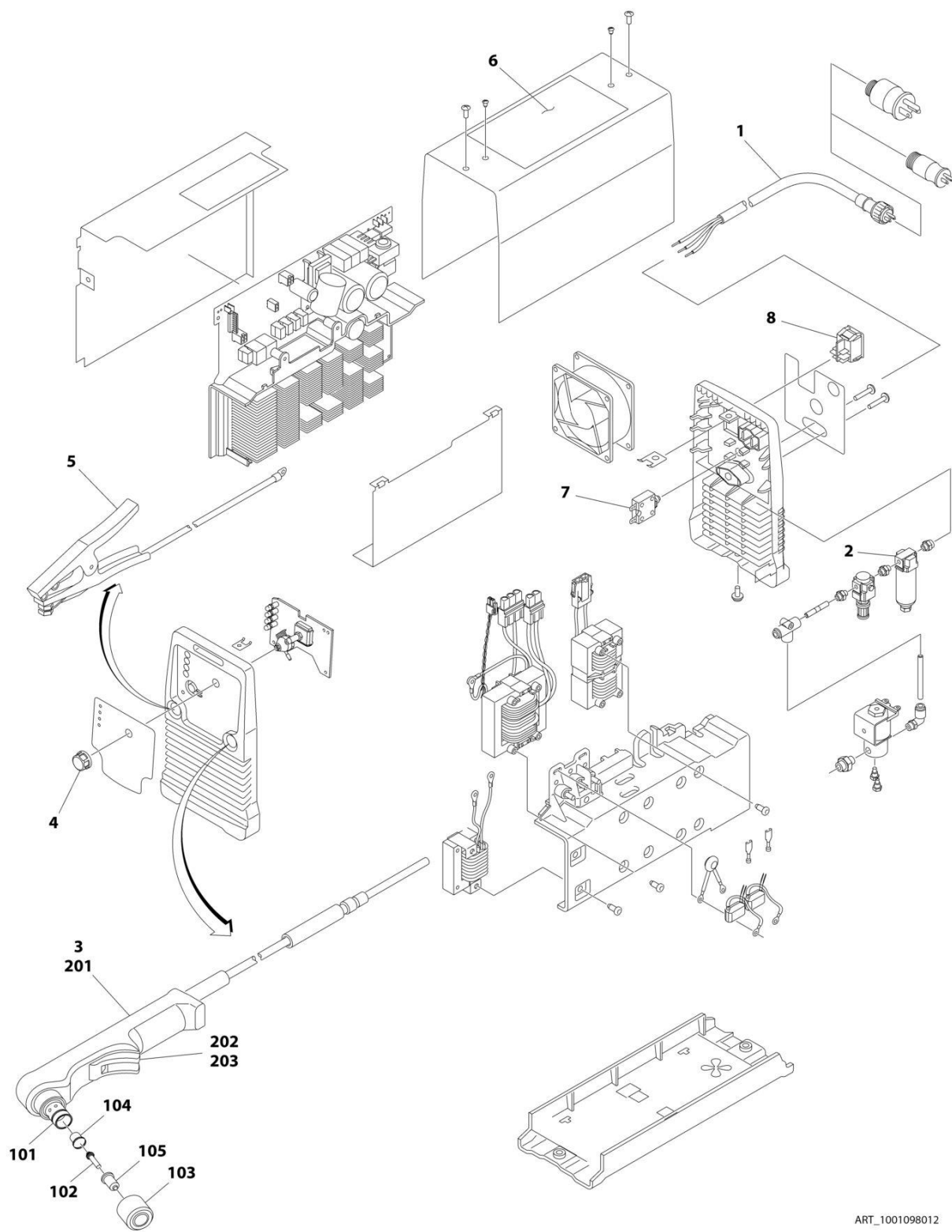
SECTION 5 - PLATFORM

FIGURE 5-32. SKYWELDER/SKYCUTTER COMBO INSTALLATION (60HZ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0273353	Ref	SKYWELDER/SKYCUTTER COMBO INSTALLATION (60HZ)	G
1	0100011	AR	Compound, Locking	
2	0630518	2	Screw #10 x 3/4	
3	0641606	4	Bolt 3/8 x 3/4	
4	1320177	2	Clamp	
5	1320302	2	Clamp	
6	1671093	1	Cover, Plug	
7	2030010	1	Extinguisher, Fire	
8	2180832	1	Fitting, Barbed/NPT	
9	2720160	4.5 ft /1.37m	Hose	
10	2902217	1	Weld Leads Kit	
11	3300151	4	Nut 1/4	
12	3311005	2	Nut #10	
13	3311605	4	Nut 3/8	
14	3573400	1	Bracket	
15	3577121	2	Angle	
16	3573642	1	Plate	
20	4240099	AR	Tie-Strap (Not Shown)	
21	4420037	2.36 ft /.71m	Tape	
22	4460962	1	Plug, Twist Lock	
23	4460971	1	Plug, Twist Lock	
24	4530028	1	Welder Assembly (See Separate Breakdown in this section)	
25	1001098012	1	Plasma Cutter Assembly (See Separate Breakdown in this Section)	
26	4751400	4	Washer 1/4	
27	4751600	8	Washer 3/8	
29	4846627	1	Support	
31	1001145405	1	Bracket	
32	4811700	2	Washer M6	
33	3290605	2	Nut M6	
34	3421453	3	Pin	
35	3576799	1	Plate, Hold-Down	
36	0100020	1	Sealant	
37	4010608	2	Screw M6 x 16	
38	4751000	2	Washer #10	

SECTION 5 - PLATFORM

FIGURE 5-33. PLASMA CUTTER ASSEMBLY



ART_1001098012

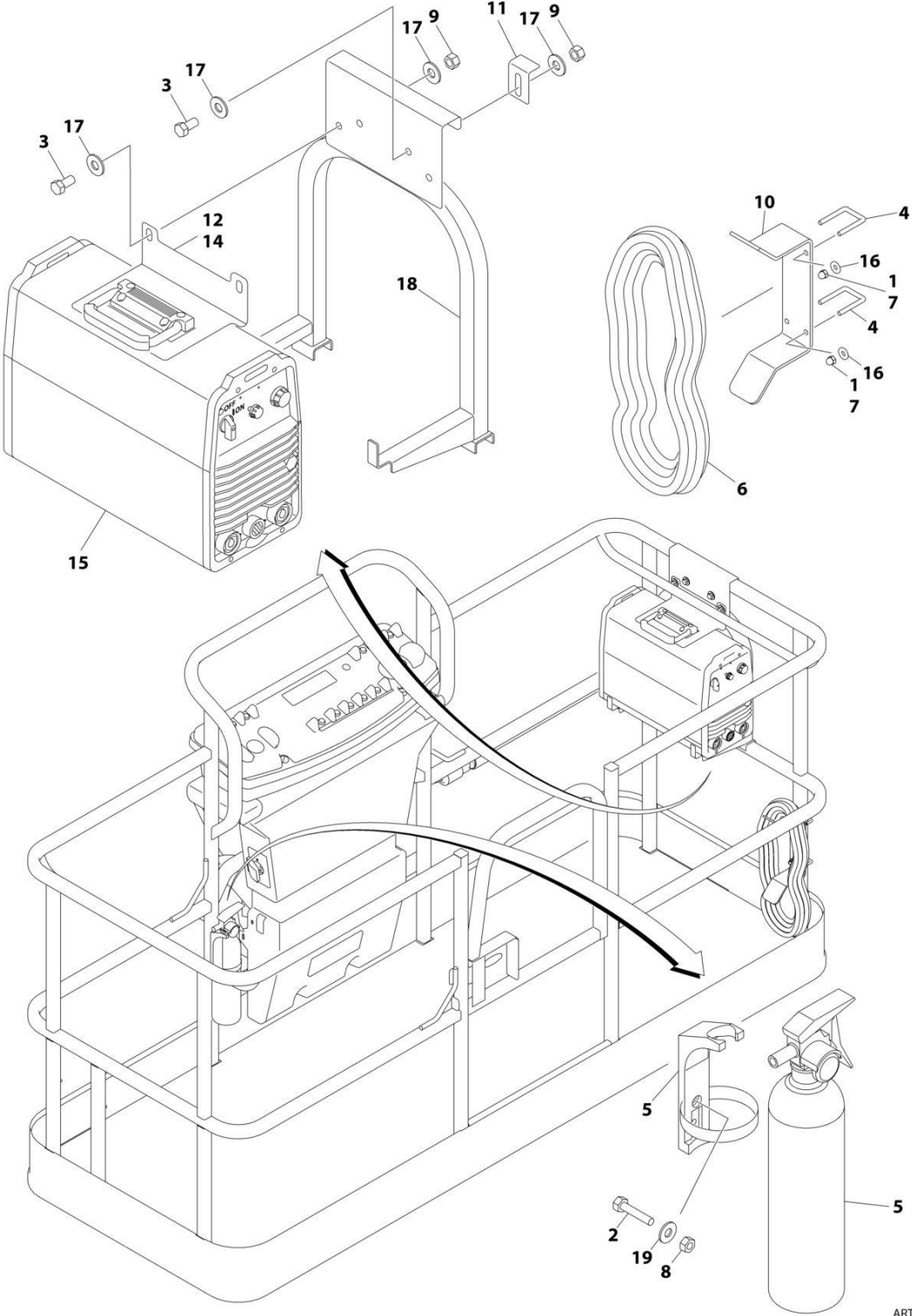
SECTION 5 - PLATFORM

FIGURE 5-33. PLASMA CUTTER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001098012	Ref	PLASMA CUTTER ASSEMBLY	A
		Ref	Note: For Other Components, contact your Miller Welder Dealer.	
1	70001424	1	Cable, Power	
1	70001425	1	Decal - Voltage Warning	
2	70001427	1	Filter, Regulator	
3	70001428	1	Torch Assembly (See Items 101-203 for Breakdown)	
4	7024471	1	Knob	
5	70001429	1	Clamp with Cable	
6	70001430	1	Decal - Caution	
7	70001431	1	Breaker, Circuit	
8	70001432	1	Switch, Rocker	
	70001428	Ref	TORCH ASSEMBLY	
101	7024530	1	O-Ring	
102	7024531	1	Electrode	
103	7024532	1	Cup, Retaining	
104	7024533	1	Swirl Ring	
105	7024534	1	Tip	
201	7024535	1	Handle, Torch	
202	7024536	1	Switch	
203	7024537	1	Trigger	

SECTION 5 - PLATFORM

FIGURE 5-34. SKYWELDER INSTALLATION (50HZ)



ART_0272521_F

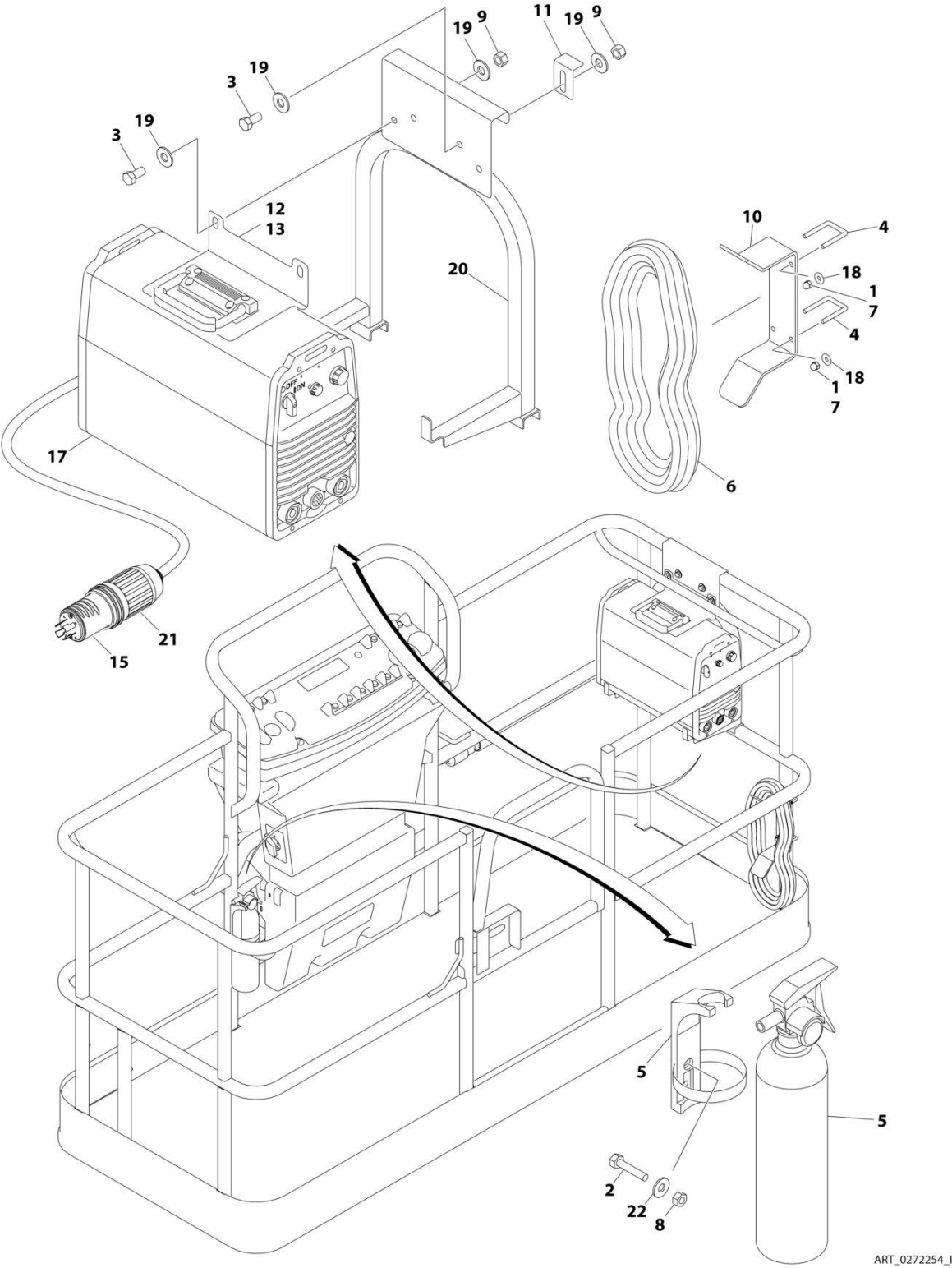
SECTION 5 - PLATFORM

FIGURE 5-34. SKYWELDER INSTALLATION (50HZ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272521	Ref	SKYWELDER INSTALLATION	F
1	0100011	AR	Compound, Locking	
2	0630518	2	Screw #10 x 3/4	
3	0641606	4	Bolt 3/8 x 3/4	
4	1320302	2	U-Clamp	
5	2030010	1	Extinguisher, Fire	
6	2902217	1	Weld Leads Kit	
7	3300151	4	Nut 1/4	
8	3311005	2	Nut #10	
9	3311605	4	Nut 3/8	
10	3573400	1	Bracket	
11	3577121	2	Angle	
12	3573642	1	Plate	
13	4240099	AR	Tie-Strap (Not Shown)	
14	4420037	AR	Tape	
15	4530028	1	Welder Assembly (See Separate Breakdown in this Section)	
16	4751400	4	Washer 1/4	
17	4751600	8	Washer 3/8	
18	4846627	1	Support	
19	4751000	2	Washer #10	

SECTION 5 - PLATFORM

FIGURE 5-35. SKYWELDER INSTALLATION (60HZ)



ART_0272254_I

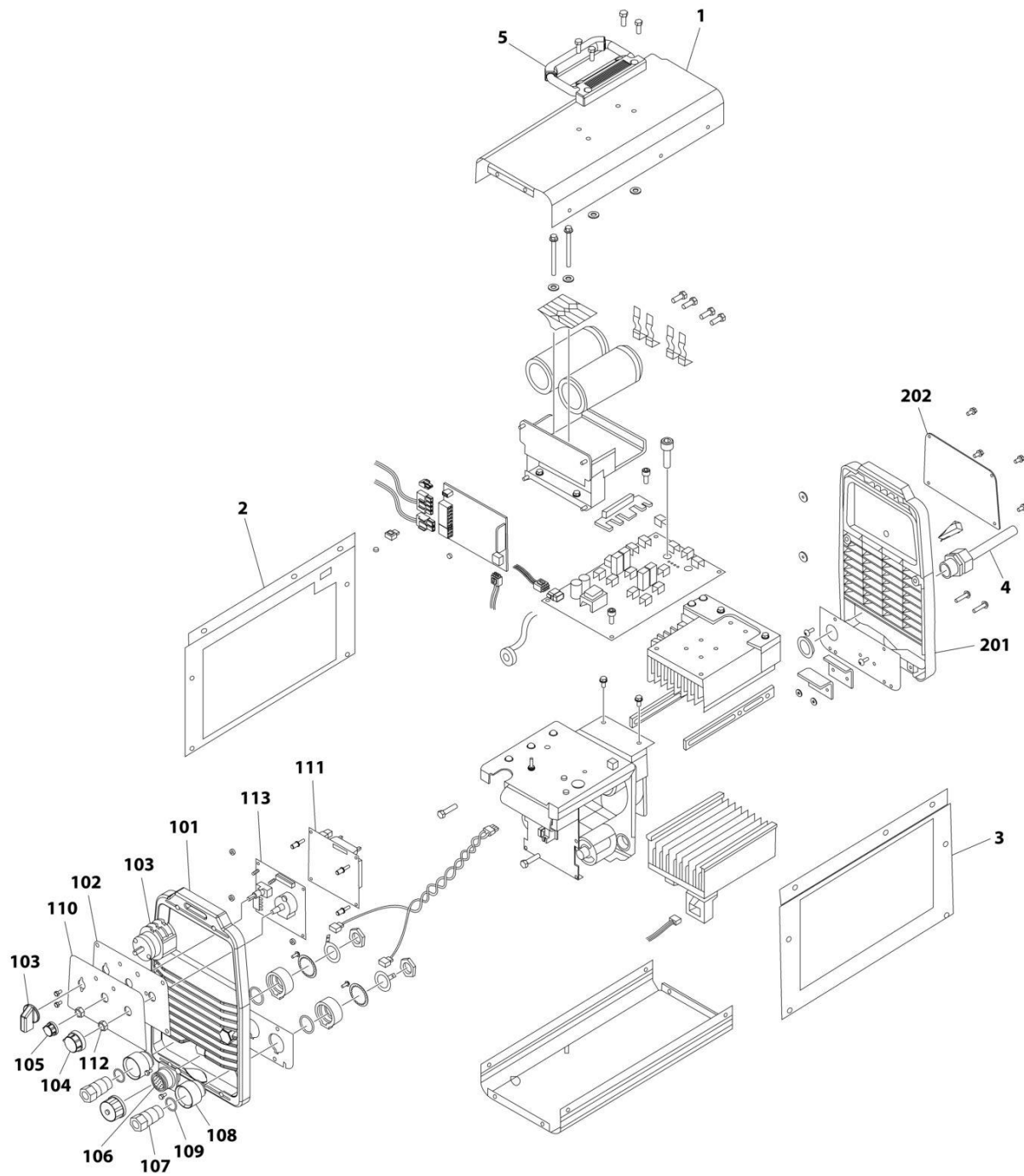
SECTION 5 - PLATFORM

FIGURE 5-35. SKYWELDER INSTALLATION (60HZ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272254	Ref	SKYWELDER INSTALLATION	I
1	0100011	AR	Compound, Locking	
2	0630518	2	Screw #10 x 3/4	
3	0641606	4	Bolt 3/8 x 3/4	
4	1320302	2	U-Clamp	
5	2030010	1	Extinguisher, Fire	
6	2902217	1	Weld Leads Kit	
7	3300151	4	Nut 1/4	
8	3311005	2	Nut #10	
9	3311605	4	Nut 3/8	
10	3573400	1	Bracket	
11	3577121	2	Angle	
12	3573642	1	Plate	
13	4420037	AR	Tape	
14	4240099	AR	Tie-Strap (Not Shown)	
15	4460962	1	Plug, Male Twistlock	
17	4530028	1	Welder Assembly (See Separate Breakdown in this Section)	
18	4751400	4	Washer 1/4	
19	4751600	8	Washer 3/8	
20	4846627	1	Support	
21	1671093	1	Cover, Plug	
22	4751000	2	Washer #10	

SECTION 5 - PLATFORM

FIGURE 5-36. WELDER ASSEMBLY



ART_4530028

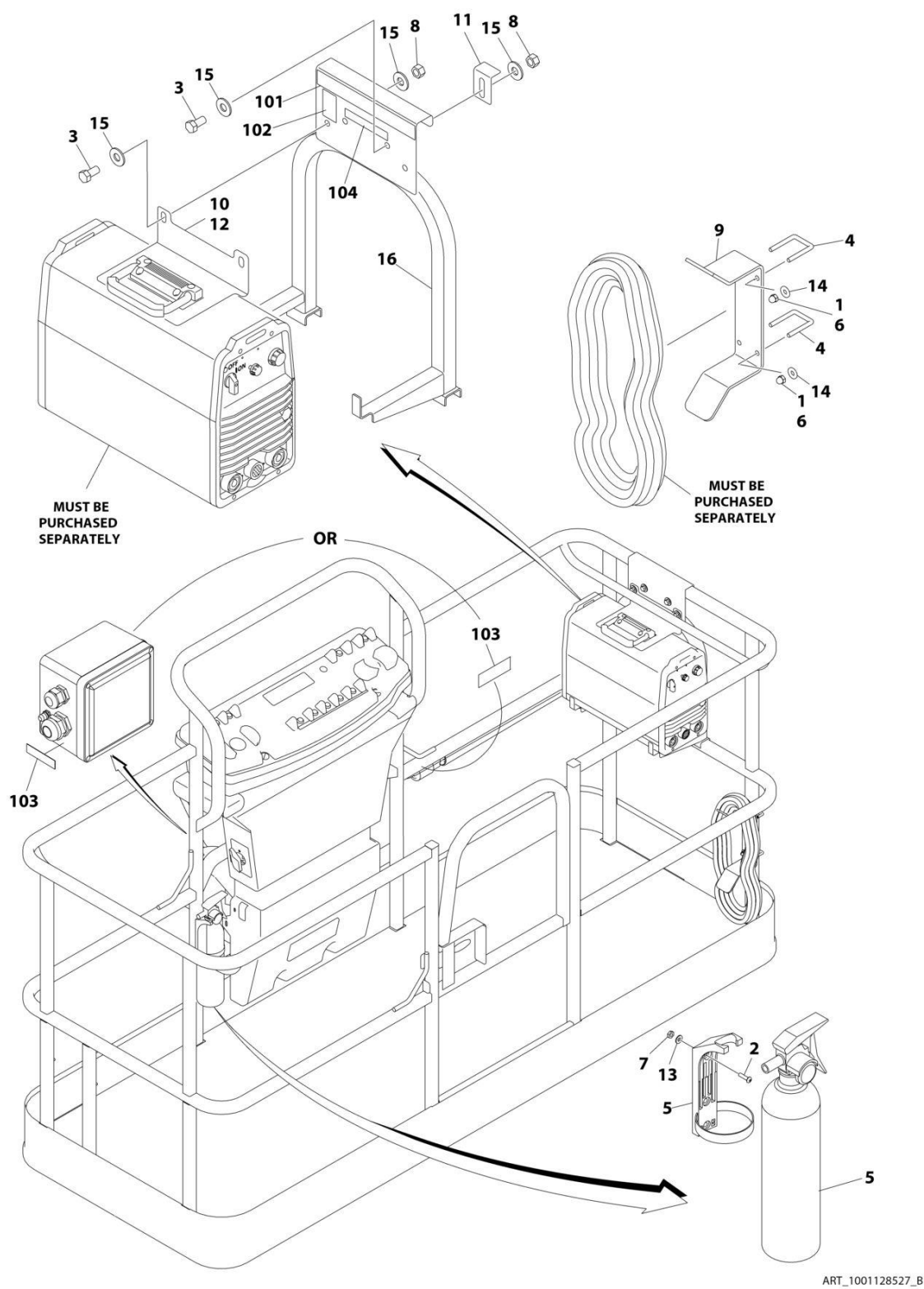
SECTION 5 - PLATFORM

FIGURE 5-36. WELDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4530028	Ref	WELDER ASSEMBLY	B
		Ref	Note: For Other Components, contact your Miller Welder Dealer.	
1	7027773	1	Cover, Top	
1	7027774	1	Decal - Static Precautionary Warning	
2	See Note	NSS	Panel, LH Side (Note: Part of Item 1. Purchase Item 1)	
3	See Note	NSS	Panel, RH Side (Note: Part of Item 1. Purchase Item 1)	
4	7024467	1	Cable, Power	
4	7027775	1	Decal - Electrical Shock Warning (Not Shown)	
5	7027776	1	Handle, Carrying	
101	7024462	1	Panel, Front	
102	7024463	1	Panel, Console	
103	7024469	1	Switch with Lead	
104	7024470	1	Knob	
105	7024471	1	Knob	
106	7024472	1	Receptacle with Leads and Plugs	
107	7024473	2	Receptacle, Twistlock Female	
108	7024474	2	Insulator	
109	7024475	2	O-Ring	
110	7027777	1	Nameplate	
111	7027779	1	Circuit Card Assembly (Process Control)	
112	7024478	2	Nut	
113	7027778	1	Circuit Card Assembly (Operator Interface)	
201	7024462	1	Panel, Rear	
202	7027780	1	Panel, Cover	

SECTION 5 - PLATFORM

FIGURE 5-37. SKYWELDER PREP PACKAGE (60HZ)



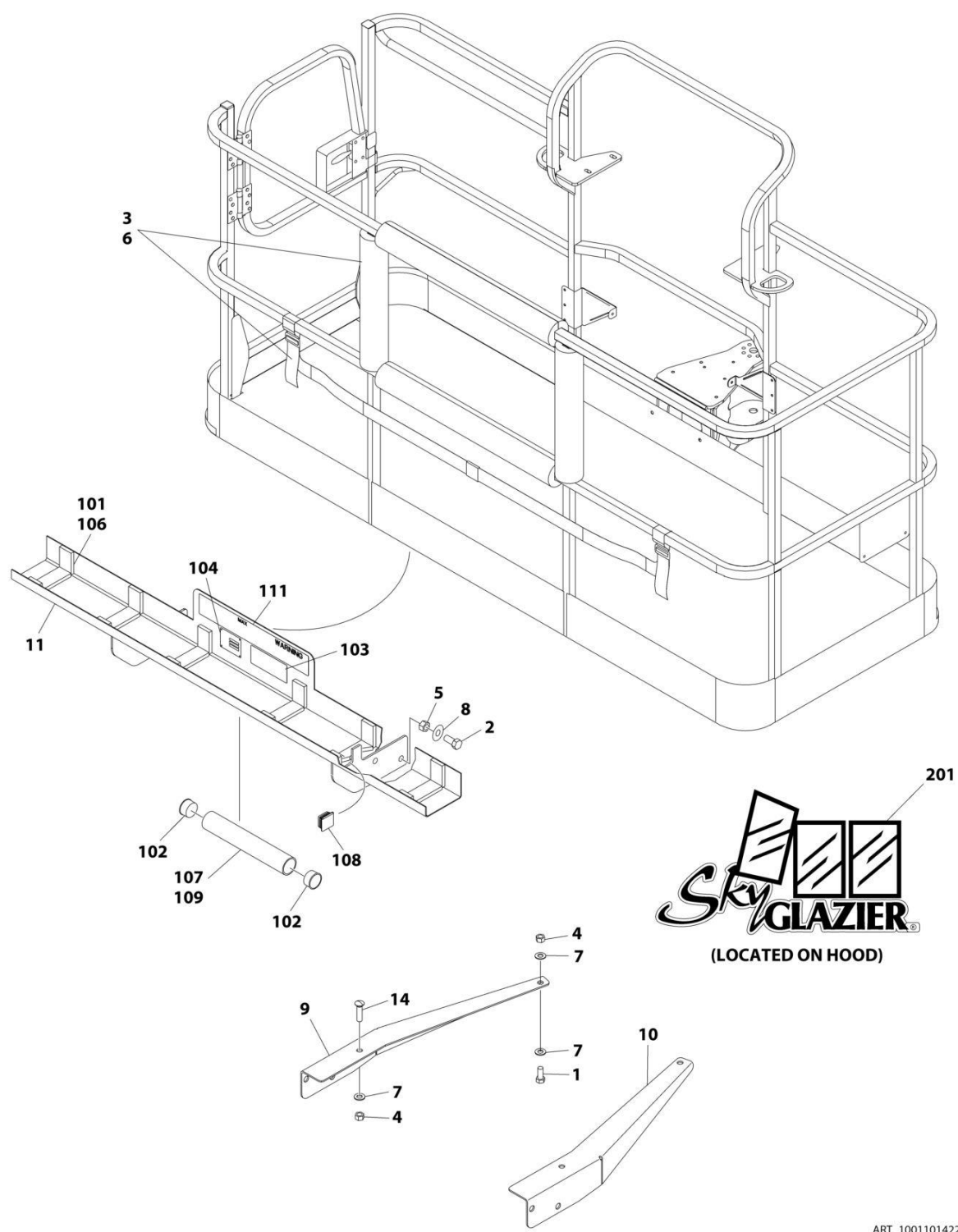
SECTION 5 - PLATFORM

FIGURE 5-37. SKYWELDER PREP PACKAGE (60HZ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001128527	Ref	SKYWELDER PREP PACKAGE	B
1	0100011	AR	Compound, Locking	
2	0630518	2	Screw #10 x 3/4	
3	0641606	4	Bolt 3/8 x 3/4	
4	1320302	2	U-Clamp	
5	2030010	1	Extinguisher, Fire	
6	3300151	4	Nut 1/4	
7	3311005	2	Nut #10	
8	3311605	4	Nut 3/8	
9	3573400	1	Bracket	
10	3573642	1	Plate	
11	3577121	2	Angle	
12	4420037	AR	Tape	
13	4751000	2	Washer #10	
14	4751400	4	Washer 1/4	
15	4751600	8	Washer 3/8	
16	4846627	1	Support	
	1001128556	Ref	SKYWELDER DECAL INSTALLATION	C
101	1702868	1	Decal - No Hands	
102	1705305	1	Decal - Weld Lead	
103	1705375	1	Decal - 240V - 3 Phase - 60Hz	
104	1001228988	1	Decal - Weight	

SECTION 5 - PLATFORM

FIGURE 5-38. SKYGLAZIER INSTALLATION (ENGLISH LANGUAGE DECALS)



ART_1001101422

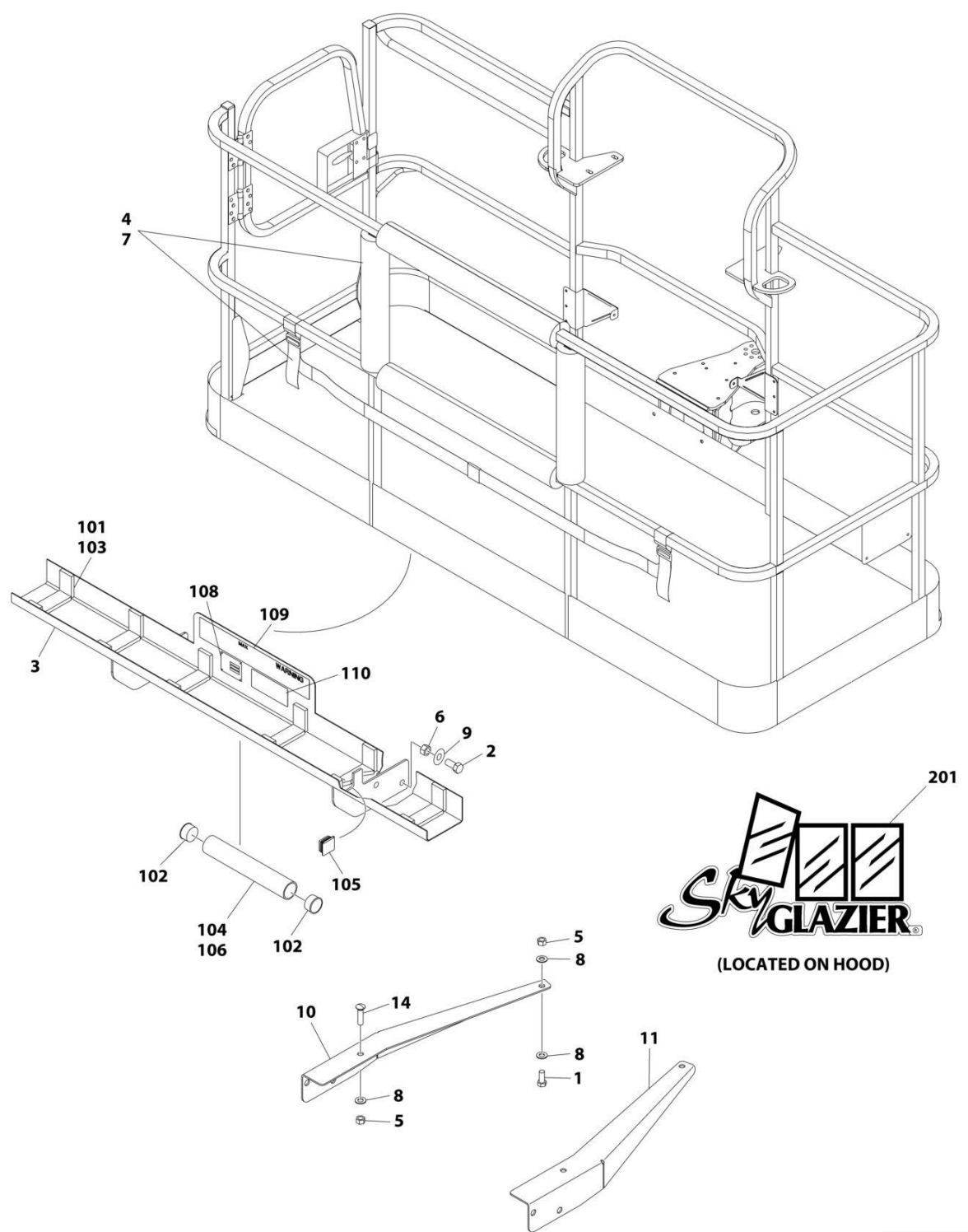
SECTION 5 - PLATFORM

FIGURE 5-38. SKYGLAZIER INSTALLATION (ENGLISH LANGUAGE DECALS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001101422	Ref	SKYGLAZIER INSTALLATION	C
1	0642012	2	Bolt 5/8 x 1-1/2	
2	0642212	4	Bolt 3/4 x 1-1/2	
3	2902212	1	Bumpers and Strap Kit	
3	0940102	1	Bumper Only	
3	4240149	1	Strap Only	
4	3312005	4	Nut 5/8	
5	3312205	4	Nut 3/4	
6	4420014	AR	Tape	
7	4712000	6	Washer 5/8	
8	4712200	8	Washer 3/4	
9	1001099366	1	Support	
10	1001099367	1	Support	
11	1001101421	1	Tray Assembly (See Items 101-111 for Breakdown)	
14	8310129	2	Bolt 3/4 x 2-1/2	
	1001101421	Ref	TRAY ASSEMBLY	F
101	0100081	AR	Adhesive	
102	1120555	2	Cap, Tube	
103	1701509	1	Decal - Manual	
104	See Note	NSS	Nameplate - Serial Number (Note: Not Available for Purchase)	
106	3340956	1	Pad Kit	
107	3460334	1	Tube	
108	3520071	2	Plug	
109	4420066	AR	Tape, Double Sided	
111	1001163131	2	Decal - Glazier Capacity	
	0272418	Ref	SKYGLAZIER DECAL INSTALLATION	4
201	1705358	2	Decal - SkyGlazier	

SECTION 5 - PLATFORM

FIGURE 5-39. SKYGLAZIER INSTALLATION (SPANISH LANGUAGE DECALS)



ART_1001099421

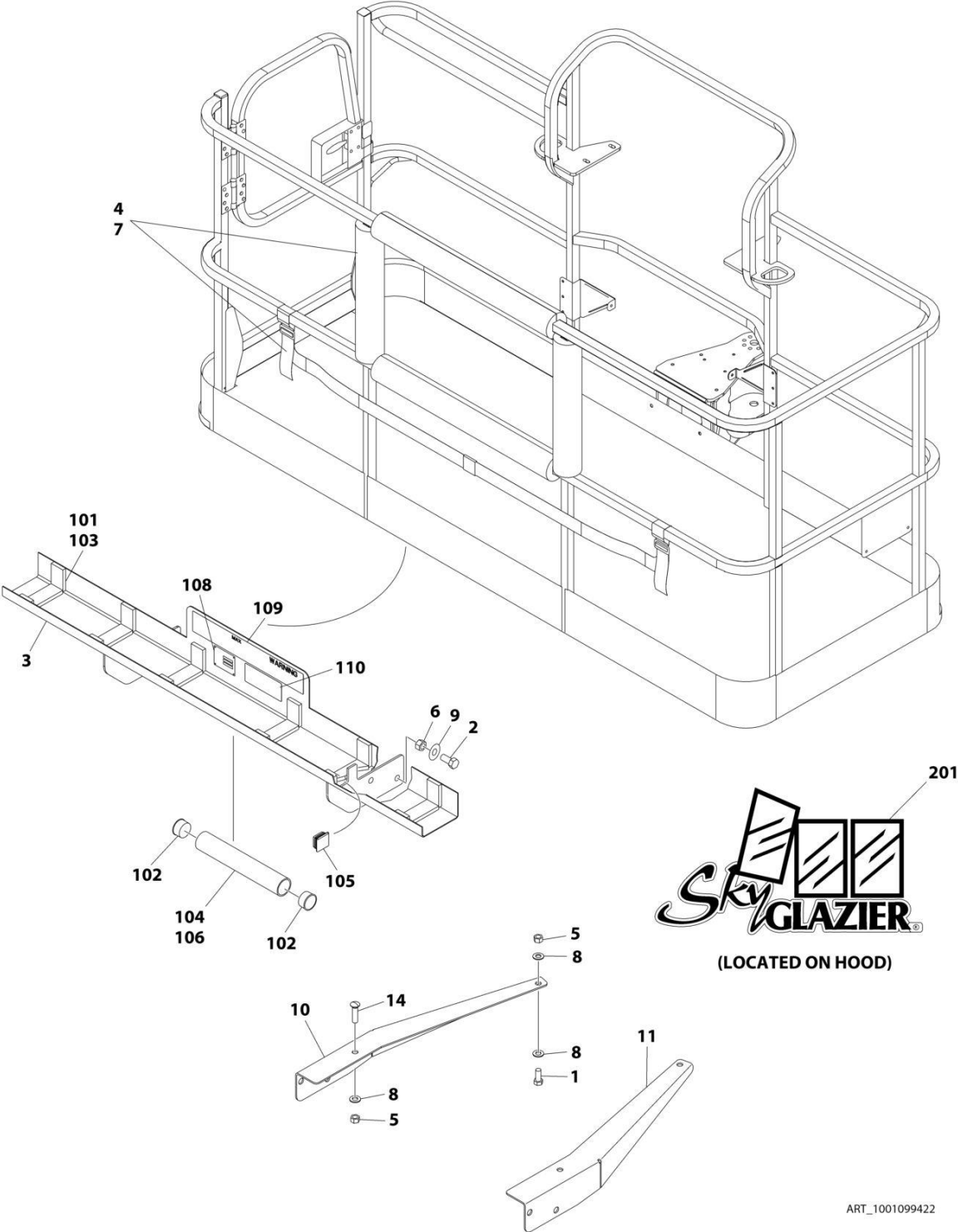
SECTION 5 - PLATFORM

FIGURE 5-39. SKYGLAZIER INSTALLATION (SPANISH LANGUAGE DECALS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001099421	Ref	SKYGLAZIER INSTALLATION	C
1	0642012	2	Bolt 5/8 x 1-1/2	
2	0642212	4	Bolt 3/4 x 1-1/2	
3	0272948	1	Tray Assembly (See Items 101-110 for Breakdown)	
4	2902212	1	Bumpers and Strap Kit	
4	0940102	1	Bumper Only	
4	4240149	1	Strap Only	
5	3312005	4	Nut 5/8	
6	3312205	4	Nut 3/4	
7	4420014	AR	Tape	
8	4712000	6	Washer 5/8	
9	4712200	8	Washer 3/4	
10	1001099366	1	Support	
11	1001099367	1	Support	
14	8310129	2	Bolt 3/4 x 2-1/2	
	0272948	Ref	TRAY ASSEMBLY	F
101	0100081	AR	Adhesive	
102	1120555	2	Cap, Tube	
103	3340956	1	Pad Kit	
104	3460334	1	Tube	
105	3520071	2	Plug	
106	4420066	AR	Tape, Double Sided	
108	See Note	NSS	Nameplate - Serial Number (Note: Not Available for Purchase)	
109	1001163296	2	Decal - Glazier Capacity	
110	1701509	1	Decal - Manual	
	0272418	Ref	SKYGLAZIER DECAL INSTALLATION	4
201	1705358	2	Decal - SkyGlazier	

SECTION 5 - PLATFORM

FIGURE 5-40. SKYGLAZIER INSTALLATION (PORTUGUESE LANGUAGE DECALS)



ART_1001099422

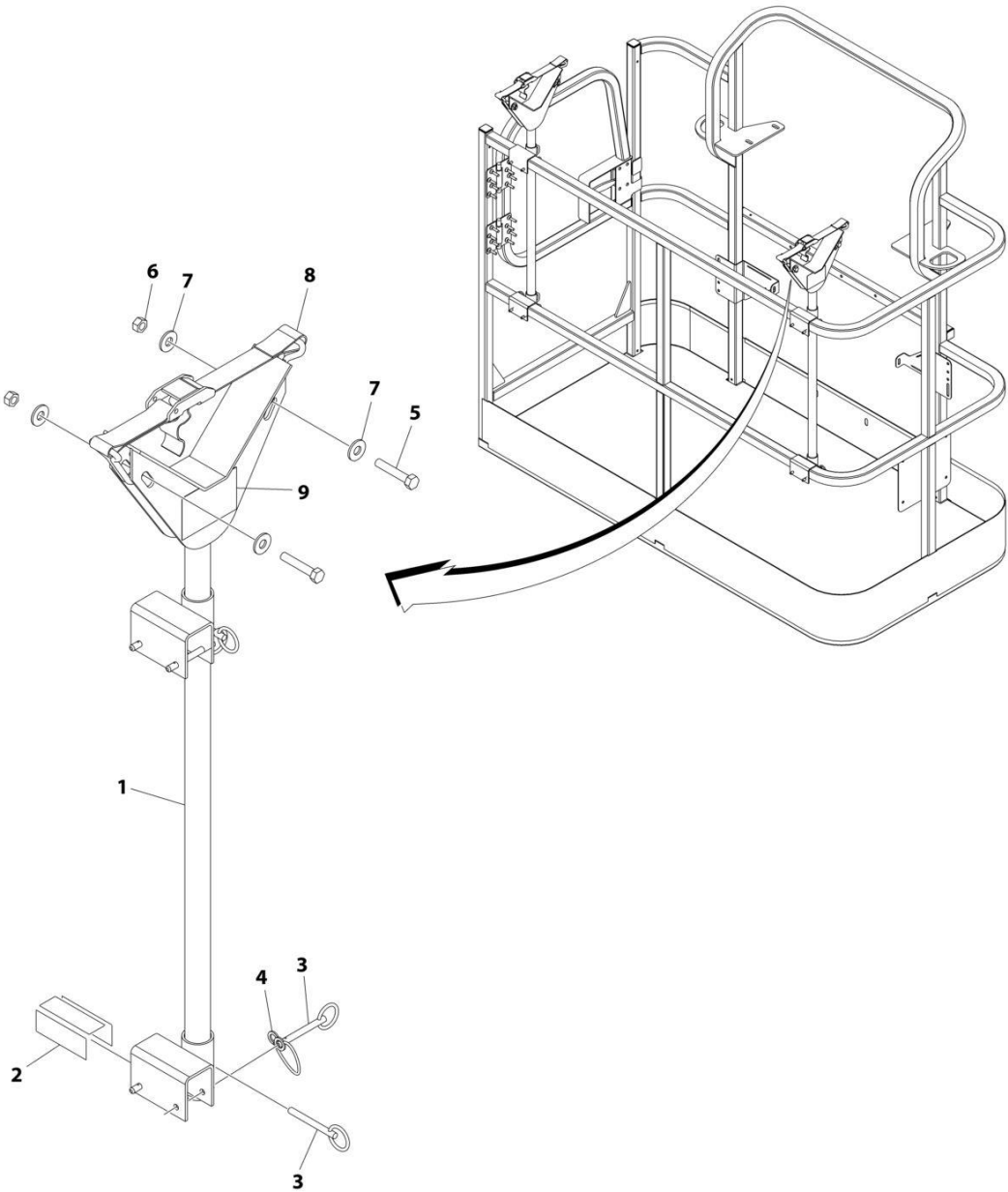
SECTION 5 - PLATFORM

FIGURE 5-40. SKYGLAZIER INSTALLATION (PORTUGUESE LANGUAGE DECALS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001099422	Ref	SKYGLAZIER INSTALLATION	C
1	0642012	2	Bolt 5/8 x 1-1/2	
2	0642212	4	Bolt 3/4 x 1-1/2	
3	0272951	1	Tray Assembly (See Items 101-110 for Breakdown)	
4	2902212	1	Bumpers and Strap Kit	
4	0940102	1	Bumper Only	
4	4240149	1	Strap Only	
5	3312005	4	Nut 5/8	
6	3312205	4	Nut 3/4	
7	4420014	AR	Tape	
8	4712000	6	Washer 5/8	
9	4712200	8	Washer 3/4	
10	1001099366	1	Support	
11	1001099367	1	Support	
14	8310129	2	Bolt 3/4 x 2-1/2	
	0272951	Ref	TRAY ASSEMBLY	F
101	0100081	AR	Adhesive	
102	1120555	2	Cap, Tube	
103	3340956	1	Pad Kit	
104	3460334	1	Tube	
105	3520071	2	Plug	
106	4420066	AR	Tape, Double Sided	
108	See Note	NSS	Nameplate - Serial Number (Note: Not Available for Purchase)	
109	1001163297	2	Decal - Glazier Capacity	
110	1701509	1	Decal - Manual	
	0272418	Ref	SKYGLAZIER DECAL INSTALLATION	4
201	1705358	2	Decal - SkyGlazier	

SECTION 5 - PLATFORM

FIGURE 5-41. PIPE RACKS INSTALLATION (ANSI AND CSA SPECS)



ART_0257728

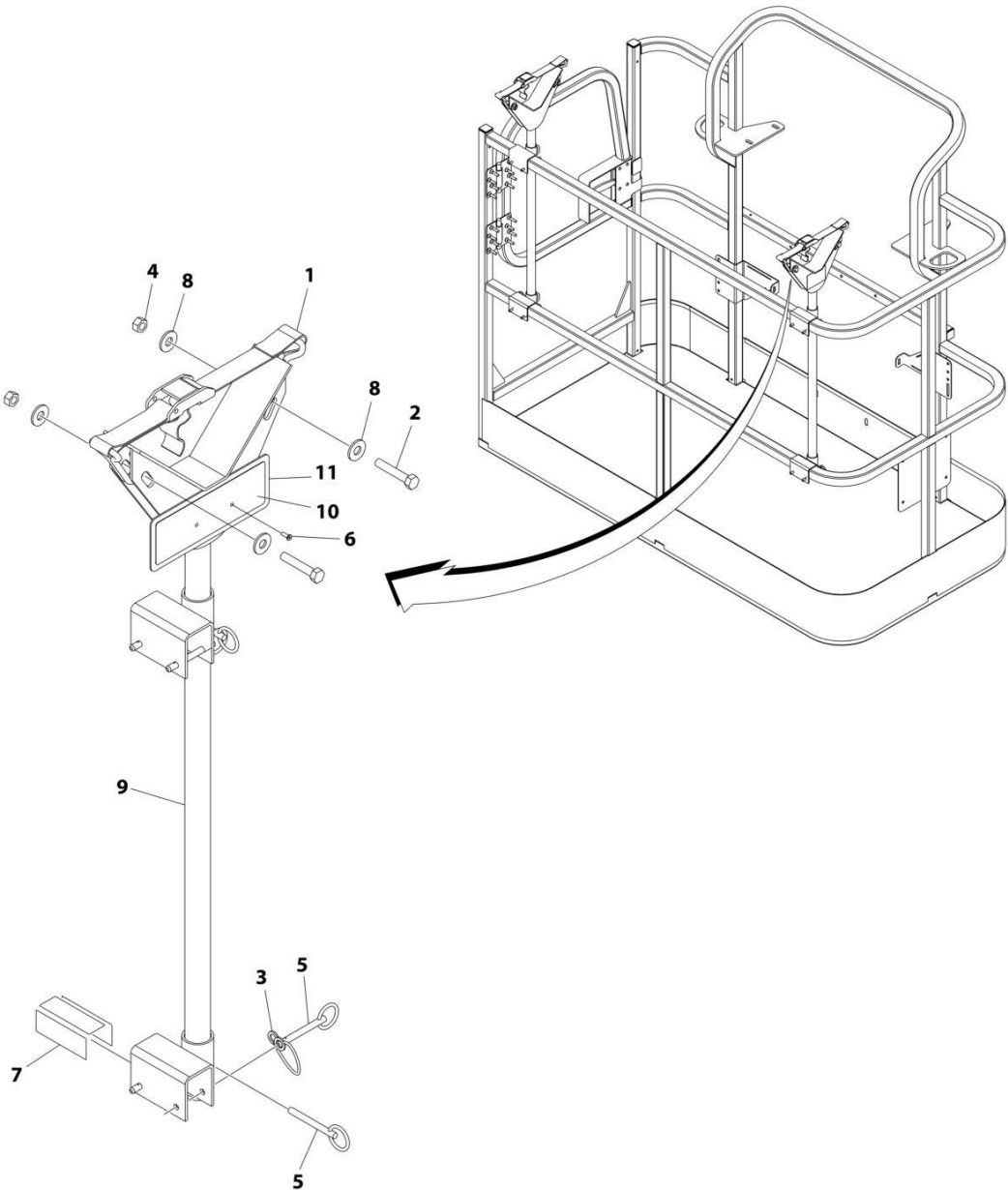
SECTION 5 - PLATFORM

FIGURE 5-41. PIPE RACKS INSTALLATION (ANSI AND CSA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0257728	Ref	PIPE RACK INSTALLATION	3/E
1	4845582	2	Rack, Pipe	
2	4420062	AR	Tape	
3	3422661	10	Pin	
4	1060379	4	Lanyard	
5	0641514	4	Bolt 5/16 x 1-3/4	
6	3311505	4	Nut 5/16	
7	4751500	8	Washer 5/16	
8	0480100	2	Tie-Down	
11	1001252946	2	Decal - Tube Rack Cap (1)	
12	1001252947	2	Decal - Tube Rack Cap (2)	

SECTION 5 - PLATFORM

FIGURE 5-42. PIPE RACKS INSTALLATION (ANSI EXPORT SPECS)



ART_1001107497

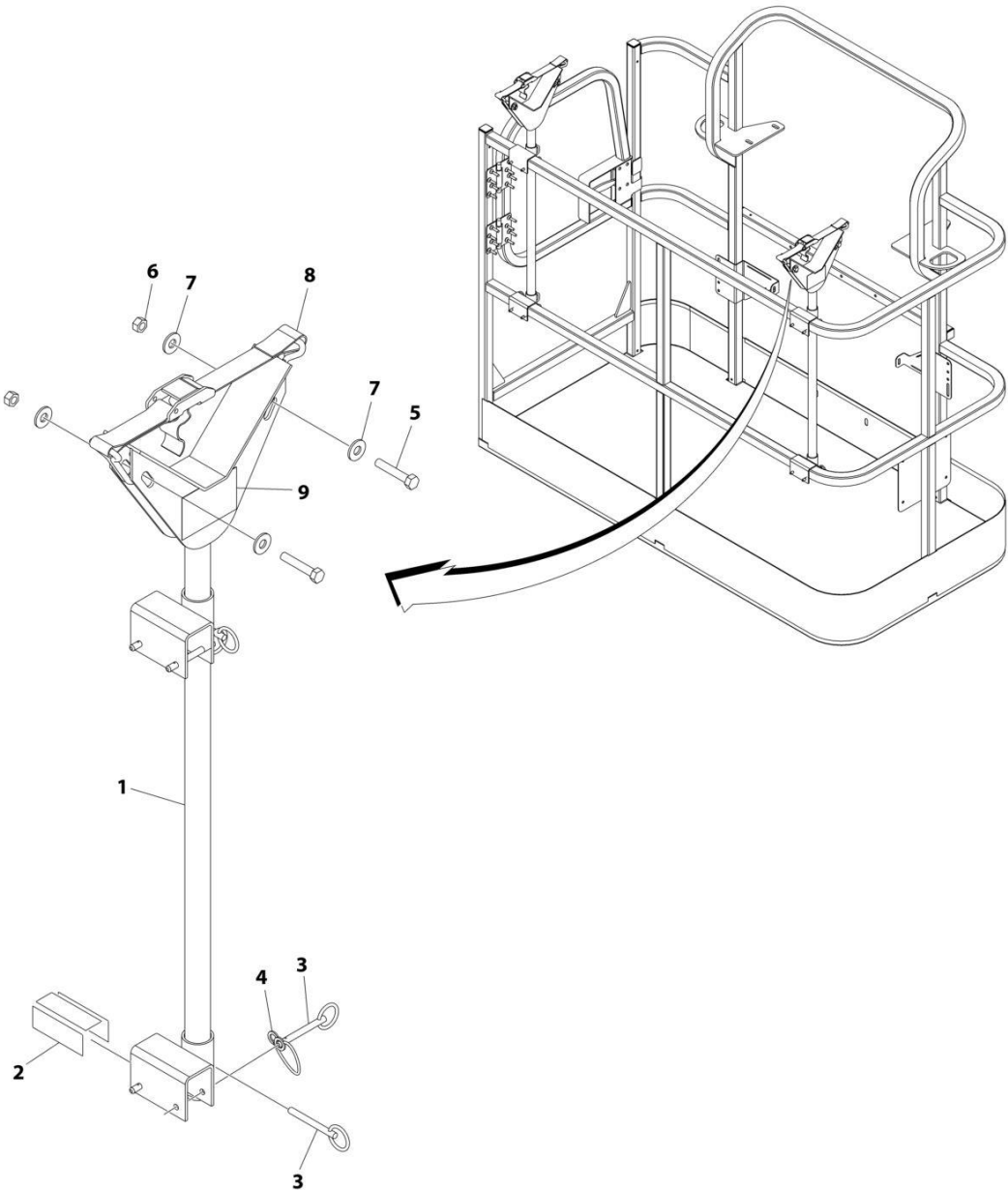
SECTION 5 - PLATFORM

FIGURE 5-42. PIPE RACKS INSTALLATION (ANSI EXPORT SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001107497	Ref	PIPE RACK INSTALLATION	A
1	4845582	2	Rack, Pipe	
2	4420062	AR	Tape	
3	3422661	10	Pin	
4	1060379	4	Lanyard	
5	0641514	4	Bolt 5/16 x 1-3/4	
6	3311505	4	Nut 5/16	
7	4751500	8	Washer 5/16	
8	0480100	2	Tie-Down	
9	1001106450	2	Decal - Capacity	
10	3820001	4	Rivet	
11	1001107469	2	Plate, Mounting	

SECTION 5 - PLATFORM

FIGURE 5-43. PIPE RACKS INSTALLATION (AUSTRALIAN SPECS)



ART_0274661

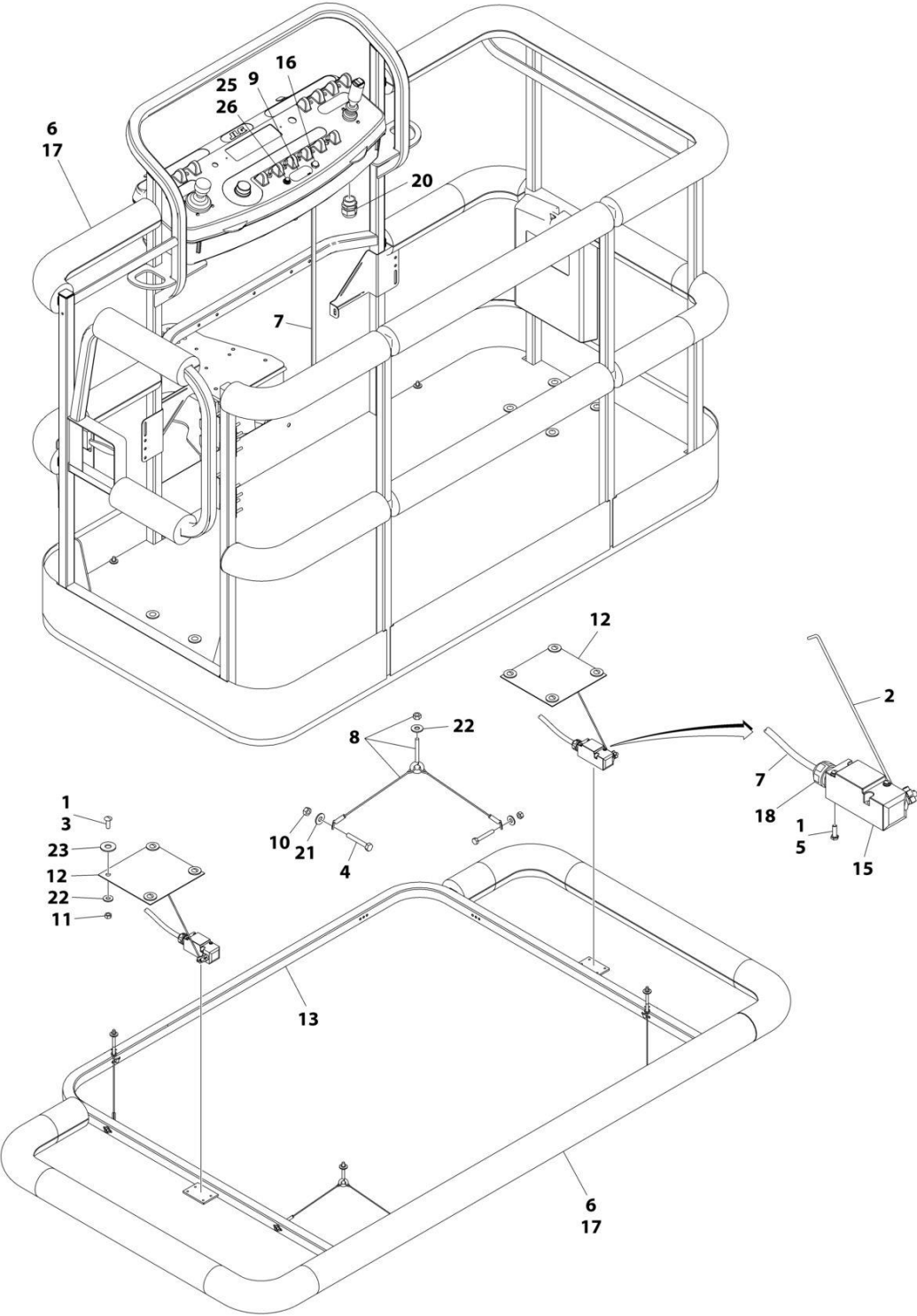
SECTION 5 - PLATFORM

FIGURE 5-43. PIPE RACKS INSTALLATION (AUSTRALIAN SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0274661	Ref	PIPE RACK INSTALLATION	3/C
1	4845582	2	Rack, Pipe	
2	4420062	AR	Tape	
3	3422661	10	Pin	
4	1060379	4	Lanyard	
5	0641514	4	Bolt 5/16 x 1-3/4	
6	3311505	4	Nut 5/16	
7	4751500	8	Washer 5/16	
8	0480100	2	Tie-Down	
9	1706510	2	Decal - Capacity	

SECTION 5 - PLATFORM

FIGURE 5-44. SOFT TOUCH SYSTEM INSTALLATION - 6FT/1.83M PLATFORM



ART_0273824

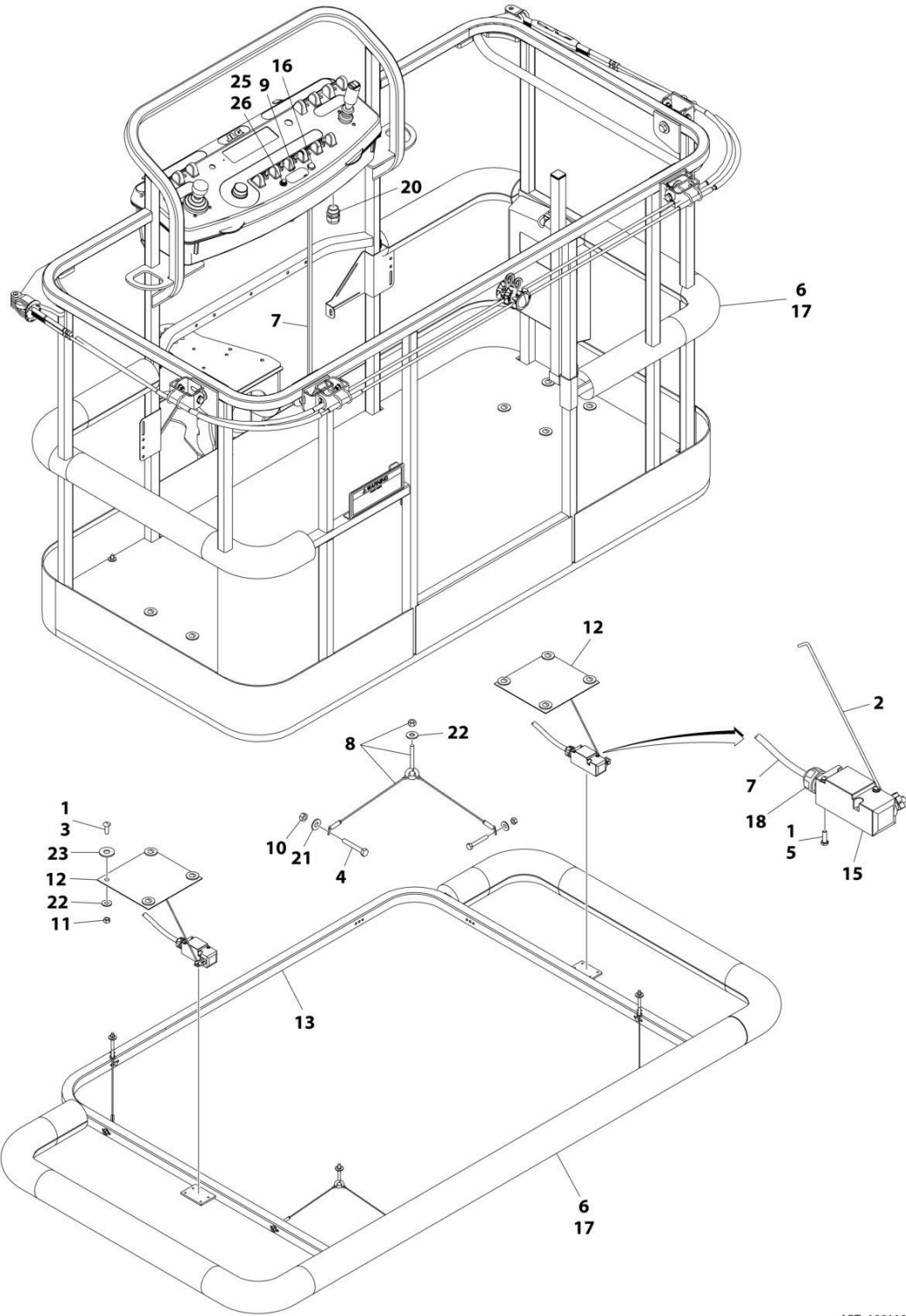
SECTION 5 - PLATFORM

FIGURE 5-44. SOFT TOUCH SYSTEM INSTALLATION - 6FT/1.83M PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0273824	Ref	SOFT TOUCH SYSTEM INSTALLATION	D
1	0100011	AR	Compound, Locking	
2	0200048	2	Arm, Switch	
3	0630462	8	Bolt	
4	0641414	8	Bolt 1/4 x 1-3/4	
5	0731005	4	Bolt #10 x 5/8	
6	0940134	1	Bumper Kit (Includes Corners and Enough Straight Material for One Platform)	
6	0940092	AR	Bumper (Corner)	
6	0940094	AR	Bumper (12ft Length)	
7	1060341	23 ft/7m	Cable, Soft Touch - 16/2	
8	1060903	4	Wire Rope and Eyebolt Assembly	
9	1702938	1	Decal - Soft Touch Override	
10	3311401	8	Nut 1/4	
11	3311501	8	Nut 5/16	
12	3575359	2	Plate, Switch Strike	
13	3641569	1	Rail, Soft Touch	
14	4240099	7	Tie-Strap (Not Shown)	
15	4360057	2	Switch, Limit	
16	4360387	1	Switch, Push Button	
17	4420068	AR	Tape, Adhesive	
17	1001197017	AR	Tie-Strap	
18	4460049	2	Connector, Strain Relief	
19	4460234	7	Tie-Strap (Not Shown)	
20	4460425	1	Connector, Strain Relief	
21	4751400	8	Washer 1/4	
22	4751500	12	Washer 5/16	
23	4751800	8	Washer 1/2	
24	4933218	1	Wiring Diagram (Not Shown - Reference Only)	
25	2920028	1	Light, Indicator	
26	2920029	1	Bulb, Light	

SECTION 5 - PLATFORM

FIGURE 5-45. SOFT TOUCH SYSTEM INSTALLATION - 6FT/1.83M FALL ARREST PLATFORM



ART_1001108256

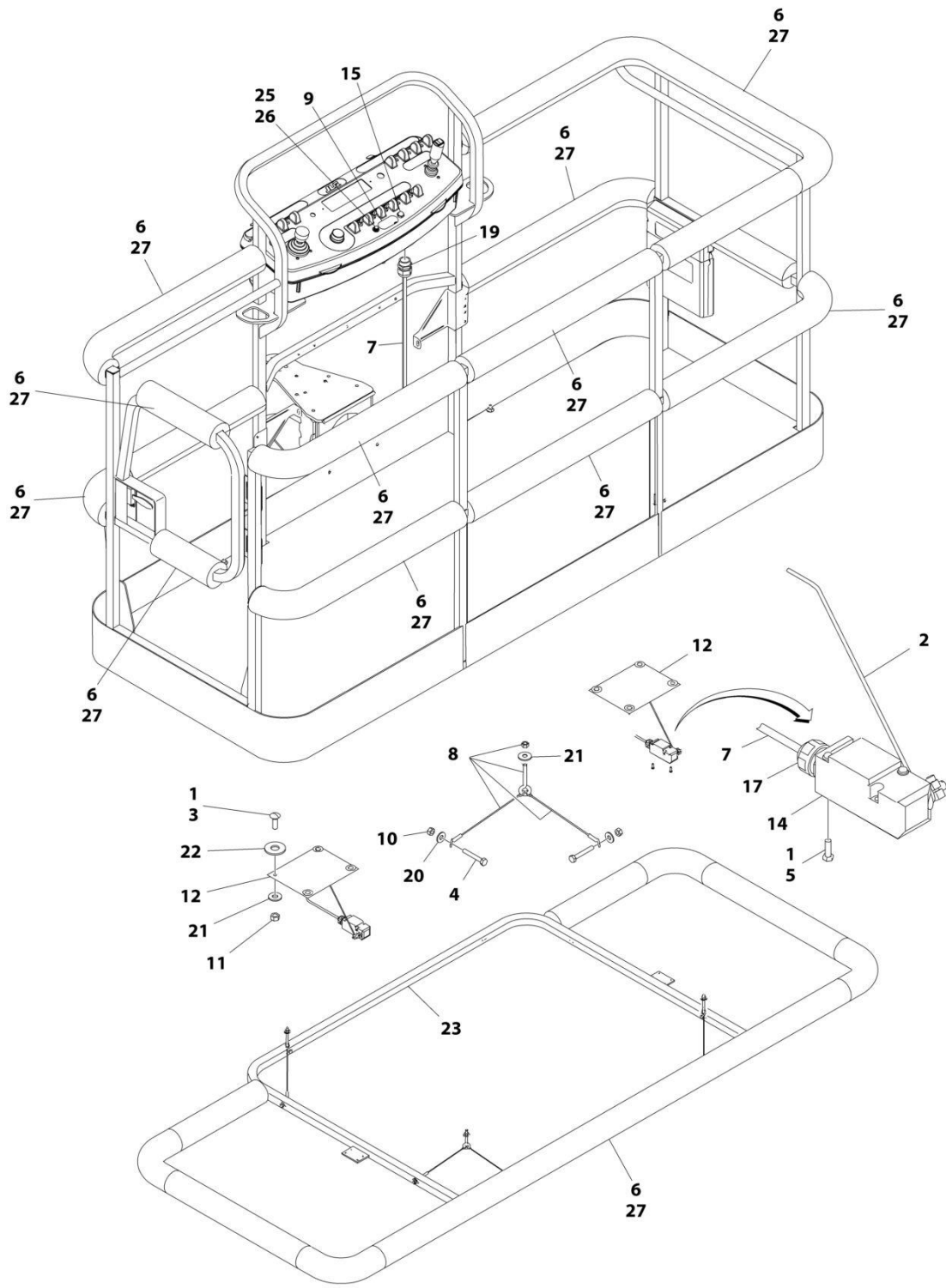
SECTION 5 - PLATFORM

FIGURE 5-45. SOFT TOUCH SYSTEM INSTALLATION - 6FT/1.83M FALL ARREST PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001108256	Ref	SOFT TOUCH INSTALLATION	C
1	0100011	AR	Compound, Locking	
2	0200048	2	Arm, Switch	
3	0630462	8	Bolt	
4	0641414	8	Bolt 1/4 x 1-3/4	
5	0731005	4	Bolt #10 x 5/8	
6	0940177	1	Bumper Kit (Includes Corners and Enough Straight Material for One Platform)	
6	0940092	8	Bumper (Corner)	
6	0940094	AR	Bumper (12ft Length)	
7	1060341	23 ft/7m	Cable, Soft Touch - 16/2	
8	1060903	4	Wire Rope and Eyebolt Assembly	
9	1702938	1	Decal - Soft Touch Override	
10	3311401	8	Nut 1/4	
11	3311501	8	Nut 5/16	
12	3575359	2	Plate, Switch Strike	
13	3641569	1	Rail, Soft Touch	
14	4240099	7	Tie-Strap (Not Shown)	
15	4360057	2	Switch, Limit	
16	4360387	1	Switch, Push Button	
17	4420068	AR	Tape, Adhesive	
17	1001197017	AR	Tie-Strap	
18	4460049	2	Connector, Strain Relief	
19	4460234	7	Tie-Strap (Not Shown)	
20	4460425	1	Connector, Strain Relief	
21	4751400	8	Washer 1/4	
22	4751500	9	Washer 5/16	
23	4751800	8	Washer 1/2	
25	2920028	1	Light, Indicator	
26	2920029	1	Bulb, Light	

SECTION 5 - PLATFORM

FIGURE 5-46. SOFT TOUCH SYSTEM INSTALLATION - 8FT/2.44M PLATFORM



ART_0272427_G

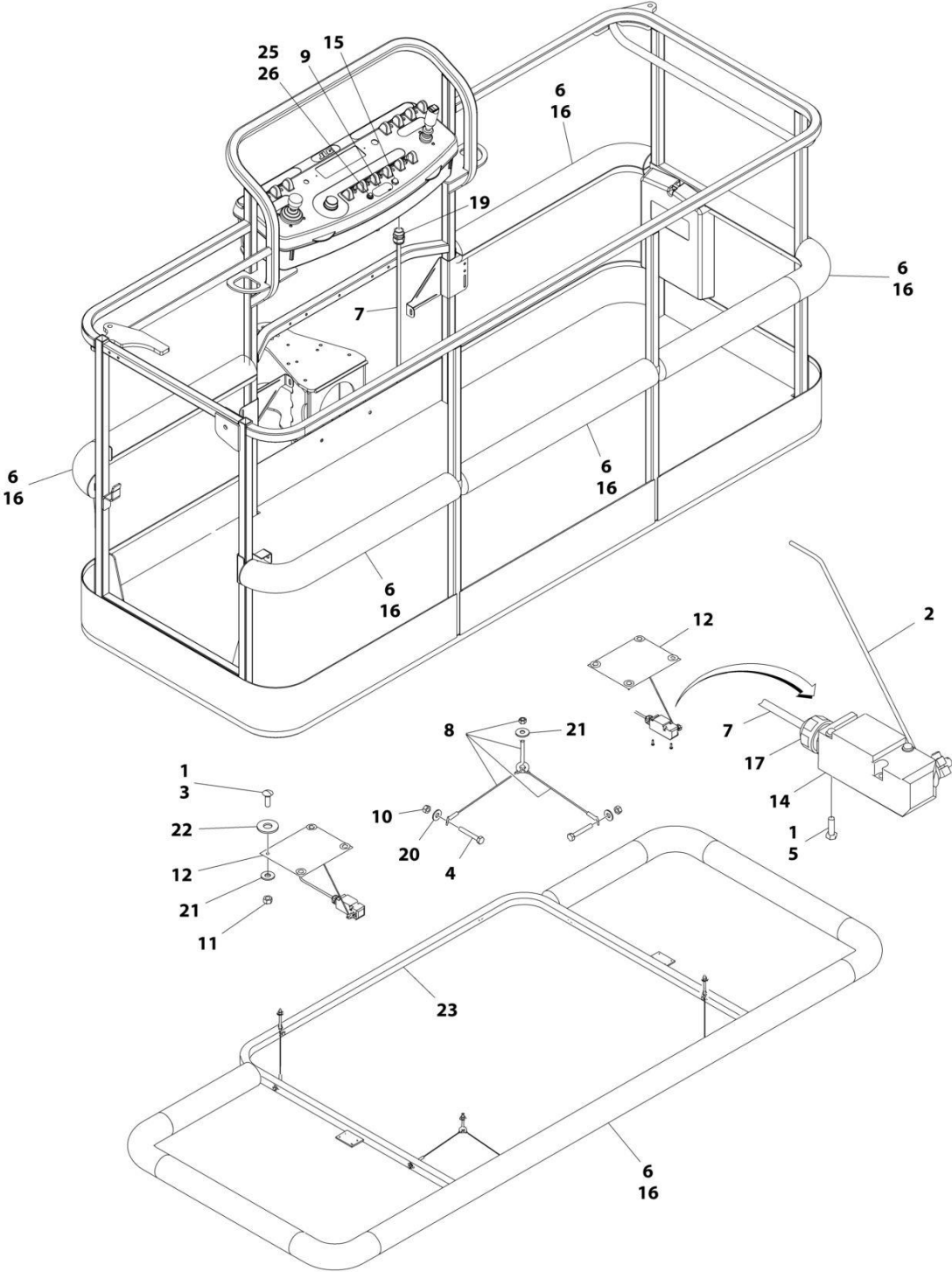
SECTION 5 - PLATFORM

FIGURE 5-46. SOFT TOUCH SYSTEM INSTALLATION - 8FT/2.44M PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272427	Ref	SOFT TOUCH INSTALLATION - 36IN X 8FT (91.5CM X 2.44M) PLATFORM (OPTIONAL)	G
1	0100011	AR	Compound, Locking	
2	0200048	2	Arm, Switch	
3	0630462	8	Bolt	
4	0641414	8	Bolt 1/4 x 1-3/4	
5	0721005	4	Bolt #10 x 5/8	
6	0940103	1	Bumper Kit (Includes Corners and Enough Straight Material for One Platform)	
6	0940092	12	Bumper (Corner)	
6	0940094	AR	Bumper (12ft Length)	
7	1060341	23 ft/7m	Cable, Soft Touch - 16/2	
8	1060903	4	Wire Rope and Eyebolt Assembly	
9	1702938	1	Decal - Soft Touch Override	
10	3311401	8	Nut 1/4	
11	3311501	8	Nut 5/16	
12	3574091	2	Plate, Switch Strike	
13	4240099	7	Tie-Strap (Not Shown)	
14	4360057	2	Switch, Limit	
15	4360387	1	Switch, Push Button	
16	4420068	AR	Tape, Adhesive	
16	1001197017	AR	Tie-Strap	
17	4460049	2	Connector, Strain Relief	
18	4460234	7	Tie-Strap (Not Shown)	
19	4460425	1	Connector, Strain Relief	
20	4751400	8	Washer 1/4	
21	4751500	12	Washer 5/16	
22	4751800	8	Washer 1/2	
23	4846673	1	Rail, Soft Touch	
24	4933218	1	Soft Touch Wiring Diagram (Not Shown - Reference Only)	
25	2920028	1	Light, Indicator	
26	2920029	1	Bulb, Light	

SECTION 5 - PLATFORM

FIGURE 5-47. SOFT TOUCH SYSTEM INSTALLATION - 8FT/2.44M FALL ARREST PLATFORM



ART_0273706

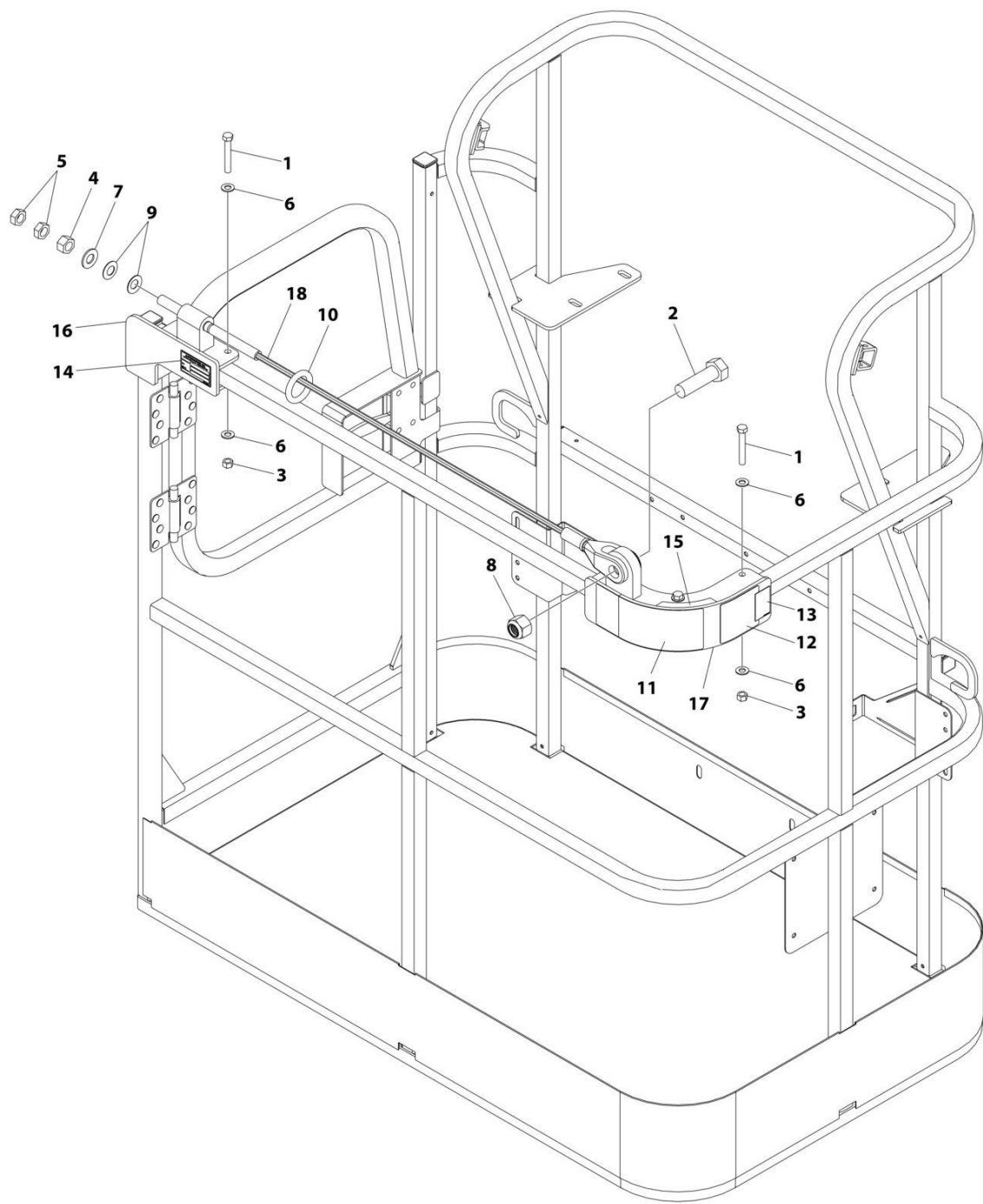
SECTION 5 - PLATFORM

FIGURE 5-47. SOFT TOUCH SYSTEM INSTALLATION - 8FT/2.44M FALL ARREST PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0273706	Ref	SOFT TOUCH INSTALLATION	D
1	0100011	AR	Compound, Locking	
2	0200048	2	Arm, Switch	
3	0630462	8	Bolt	
4	0641414	8	Bolt 1/4 x 1-3/4	
5	0721005	4	Bolt #10 x 5/8	
6	0940133	1	Bumper Kit (Includes Corners and Enough Straight Material for One Platform)	
6	0940092	8	Bumper (Corner)	
6	0940094	AR	Bumper (12ft Length)	
7	1060341	23 ft/7m	Cable, Soft Touch - 16/2	
8	1060903	4	Wire Rope and Eyebolt Assembly	
9	1702938	1	Decal - Soft Touch Override	
10	3311401	8	Nut 1/4	
11	3311501	8	Nut 5/16	
12	3574091	2	Plate, Switch Strike	
13	4240099	7	Tie-Strap (Not Shown)	
14	4360057	2	Switch, Limit	
15	4360387	1	Switch, Push Button	
16	4420068	AR	Tape, Adhesive	
16	1001197017	AR	Tie-Strap	
17	4460049	2	Connector, Strain Relief	
18	4460234	7	Tie-Strap (Not Shown)	
19	4460425	1	Connector, Strain Relief	
20	4751400	8	Washer 1/4	
21	4751500	12	Washer 5/16	
22	4751800	8	Washer 1/2	
23	4846673	1	Rail, Soft Touch	
25	2920028	1	Light, Indicator	
26	2920029	1	Bulb, Light	

SECTION 5 - PLATFORM

FIGURE 5-48. FALL ARREST INSTALLATION (BOLT-ON) 30IN X 4FT (76CM X 1.22M) PLATFORM



ART_1001261338

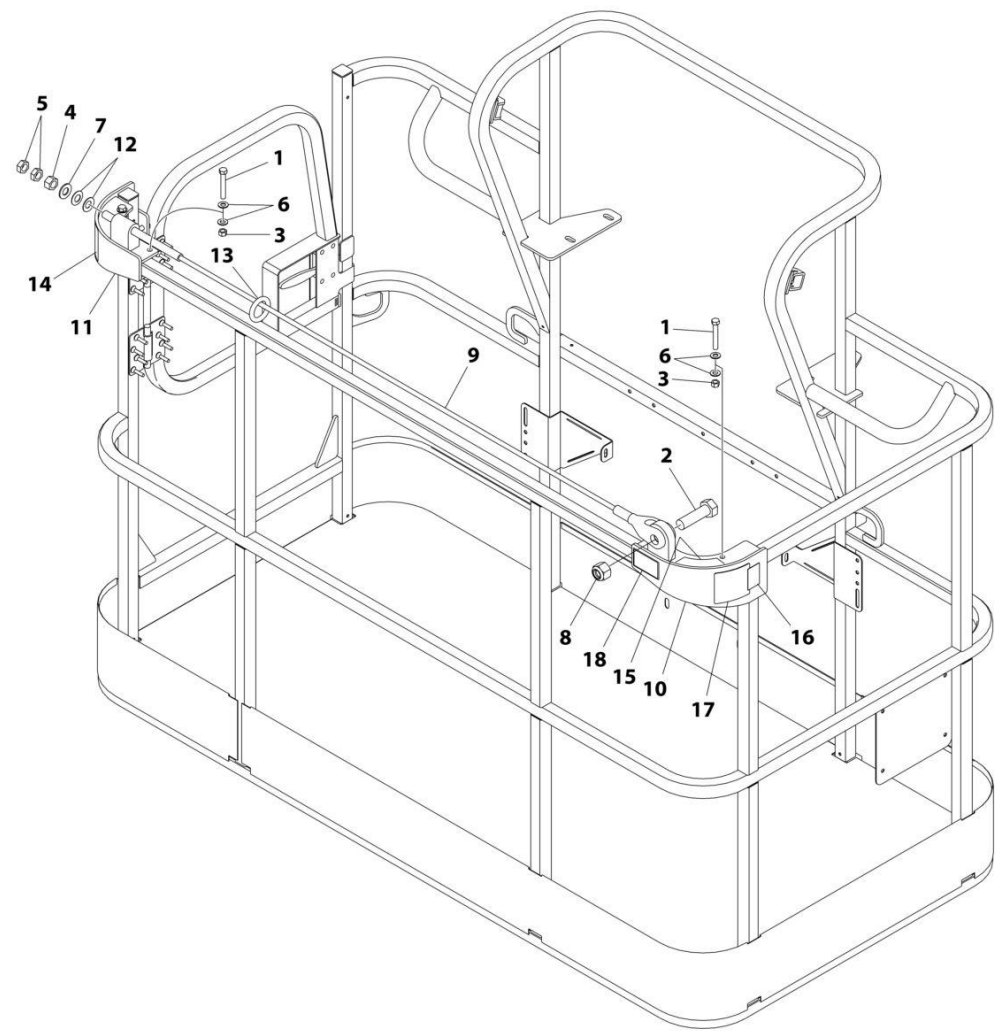
SECTION 5 - PLATFORM

FIGURE 5-48. FALL ARREST INSTALLATION (BOLT-ON) 30IN X 4FT (76CM X 1.22M) PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001261338	Ref	FALL ARREST INSTALLATION	A
1	0681620	6	Bolt 3/8 x 2-1/2	
2	0682424	1	Bolt 7/8 x 3	
3	3271605	6	Nut 3/8	
4	3272001	1	Nut 5/8	
5	3312002	2	Nut 5/8	
6	4711600	12	Washer 3/8	
7	4712000	1	Washer 5/8	
8	88521214	1	Nut 7/8	
9	1001236891	2	Washer	
10	1001236895	1	Ring	
11	1001238263	1	Decal - Warning Falling Hazard	
12	1001248140	1	Decal - Bolt Fall Arrest Re-Cert	
13	1001248141	1	Decal - Incrption	
14	See Note	NSS	Nameplate - Manufacturers Serial Number (Note: Not Available for Purchase)	
15	1001252629	1	Decal - Weight	
16	1001257271	1	Bracket (RH)	
17	1001257274	1	Bracket (LH)	
18	1001261335	1	Rope	

SECTION 5 - PLATFORM

FIGURE 5-49. FALL ARREST INSTALLATION (BOLT-ON) 36IN X 6FT (91.2CM X 1.82M) PLATFORM



ART_1001236747

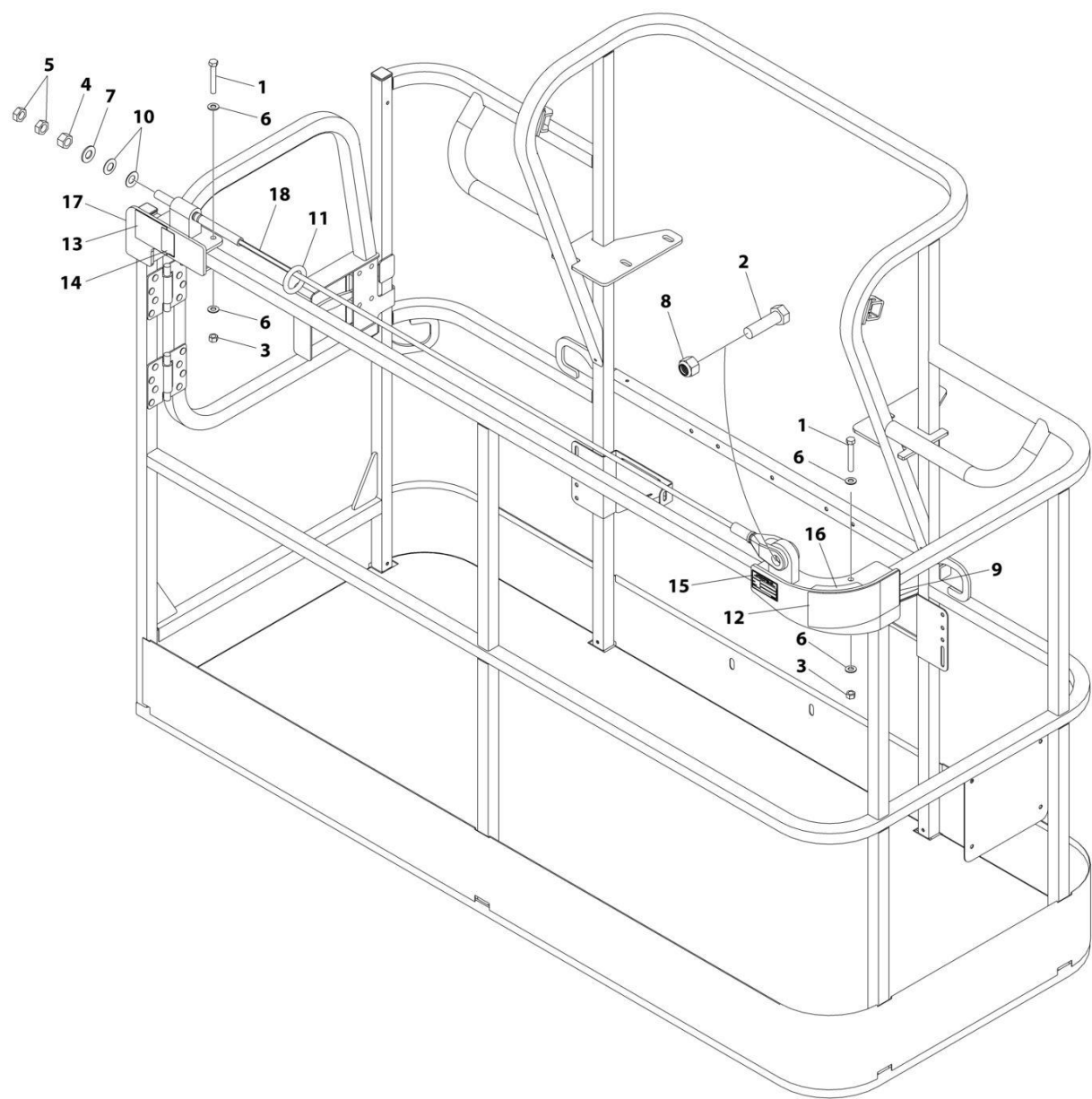
SECTION 5 - PLATFORM

FIGURE 5-49. FALL ARREST INSTALLATION (BOLT-ON) 36IN X 6FT (91.2CM X 1.82M) PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236747	Ref	FALL ARREST INSTALLATION (BOLT - ON) 6FT/1.82M PLATFORM	C
1	0681620	6	Bolt 3/8 x 2-1/2	
2	0682424	1	Bolt 7/8 x 3	
3	3271605	6	Nut 3/8	
4	3272001	1	Nut 5/8	
5	3312002	2	Nut 5/8	
6	4711600	12	Washer 3/8	
7	4712000	1	Washer 5/8	
8	88521214	1	Nut 7/8	
9	1001231950	1	Rope	
10	1001232010	1	Bracket (RH)	
11	1001232011	1	Bracket (LH)	
12	1001236891	2	Washer	
13	1001236895	1	Ring	
14	1001238263	1	Decal - Warning Falling Hazard	
15	1001252629	1	Decal - Weight	
16	1001248140	1	Decal - Bolt Fall Arrest Re-Cert	
17	1001248141	1	Decal - Inscription	

SECTION 5 - PLATFORM

FIGURE 5-50. FALL ARREST INSTALLATION (BOLT-ON) 30IN X 6FT (76CM X 1.83M) PLATFORM



ART_1001261339

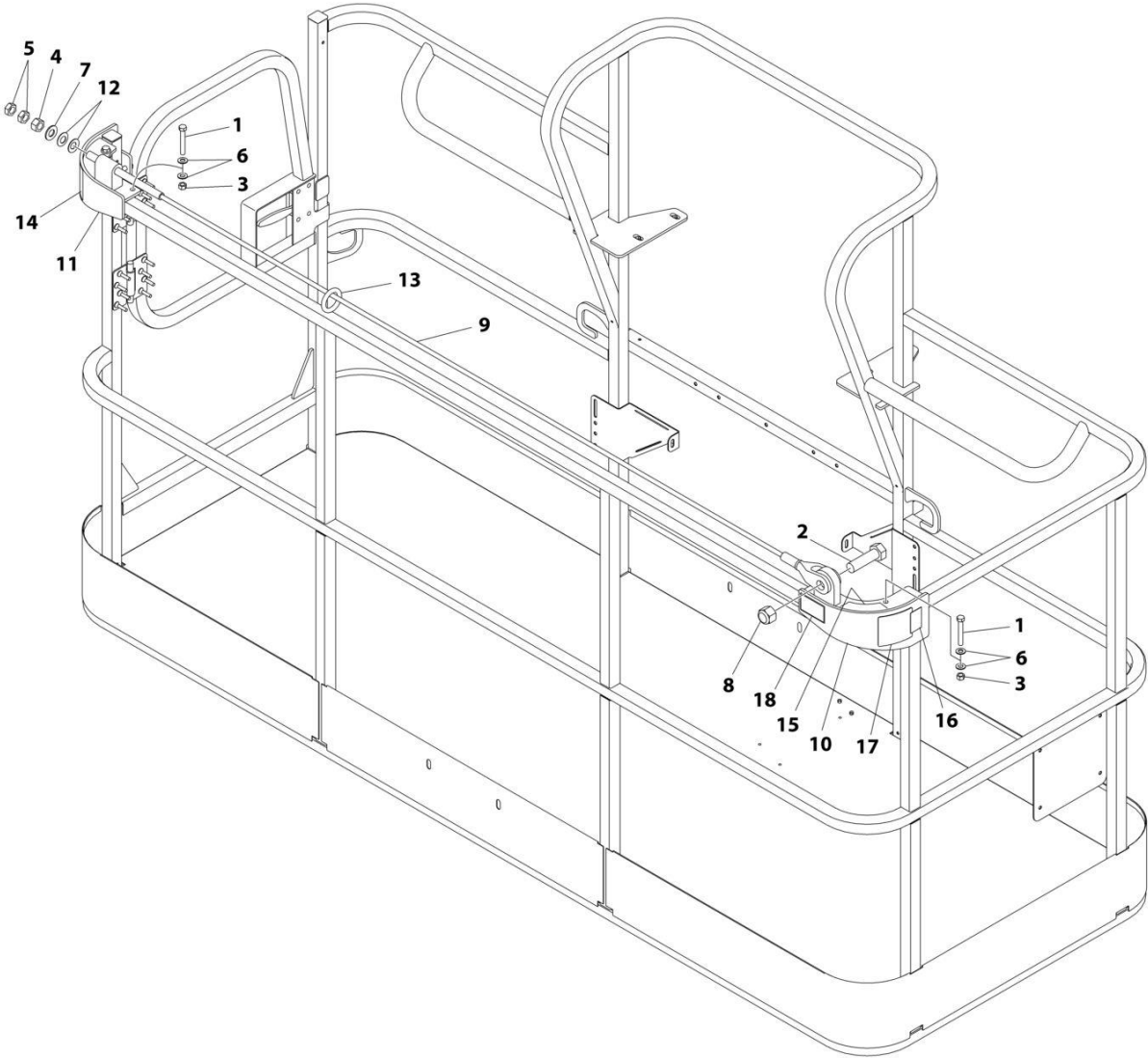
SECTION 5 - PLATFORM

FIGURE 5-50. FALL ARREST INSTALLATION (BOLT-ON) 30IN X 6FT (76CM X 1.83M) PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001261339	Ref	FALL ARREST INSTALLATION (BOLT-ON) 30IN X 6FT (76CM X 1.83M) PLATFORM	A
1	0681620	6	Bolt 3/8 x 2-1/2	
2	0682424	1	Bolt 7/8 x 3	
3	3271605	6	Nut 3/8	
4	3272001	1	Nut 5/8	
5	3312002	2	Nut 5/8	
6	4711600	12	Washer 3/8	
7	4712000	1	Washer 5/8	
8	88521214	1	Nut 7/8	
9	1001232010	1	Bracket	
10	1001236891	2	Washer	
11	1001236895	1	Ring	
12	1001238263	1	Decal - Warning Falling Hazard	
13	1001248140	1	Decal - Bolt Fall Arrest Re-Cert	
14	1001248141	1	Decal - Incrption	
15	See Note	NSS	Nameplate - Manufacturers Serial Number (Note: Not Available for Purchase)	
16	1001252629	1	Decal - Weight	
17	1001257271	1	Bracket	
18	1001261336	1	Rope	

SECTION 5 - PLATFORM

FIGURE 5-51. FALL ARREST INSTALLATION (BOLT-ON) 36IN X 8FT (91.5CM X 2.4M) PLATFORM



ART_1001236746

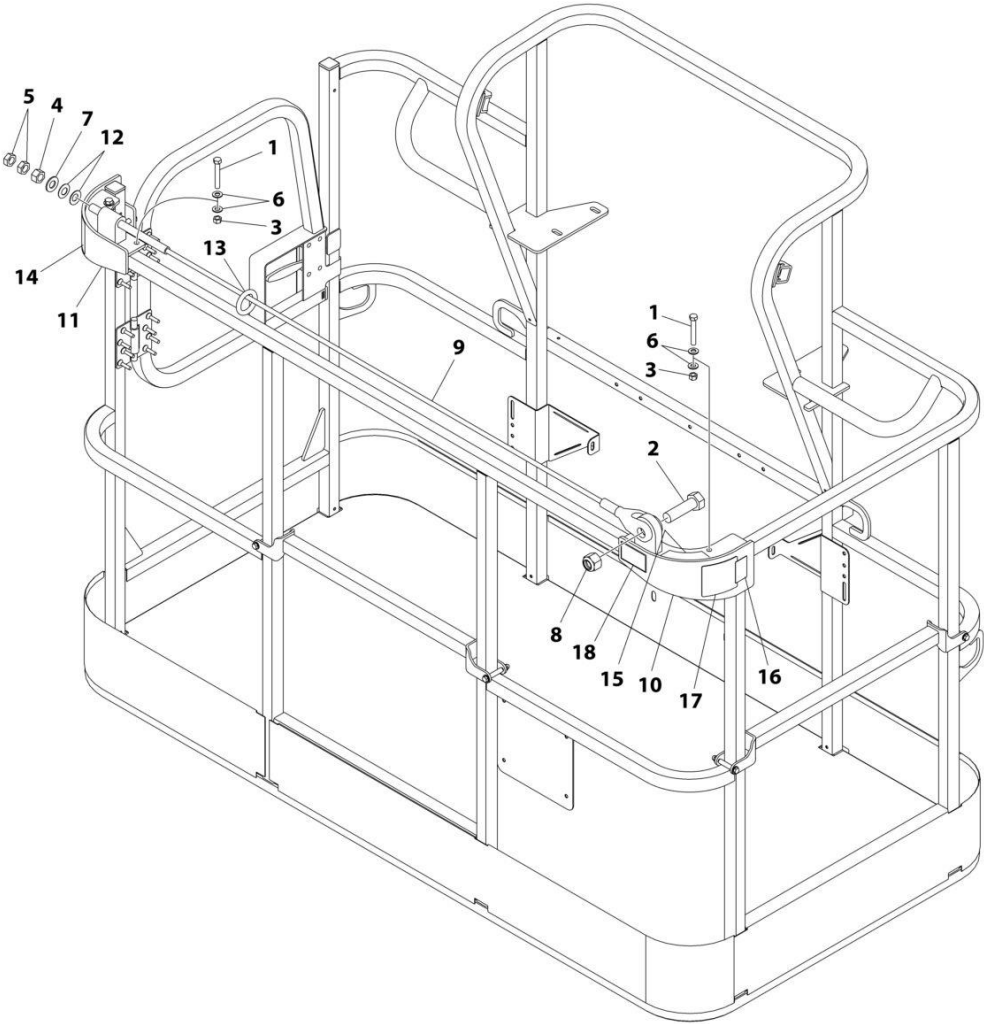
SECTION 5 - PLATFORM

FIGURE 5-51. FALL ARREST INSTALLATION (BOLT-ON) 36IN X 8FT (91.5CM X 2.4M) PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236746	Ref	FALL ARREST INSTALLATION (BOLT - ON) 8FT/2.4M PLATFORM	C
1	0681620	6	Bolt 3/8 x 2-1/2	
2	0682424	1	Bolt 7/8 x 3	
3	3271605	6	Nut 3/8	
4	3272001	1	Nut 5/8	
5	3312002	2	Nut 5/8	
6	4711600	12	Washer 3/8	
7	4712000	1	Washer 5/8	
8	88521214	1	Nut 7/8	
9	1001231949	1	Rope	
10	1001232010	1	Bracket (RH)	
11	1001232011	1	Bracket (LH)	
12	1001236891	2	Washer	
13	1001236895	1	Ring	
14	1001238263	1	Decal - Warning Falling Hazard	
15	1001252629	1	Decal - Weight 23LBS/10.4KG	
16	1001248140	1	Decal - Bolt Fall Arrest Re-Cert	
17	1001248141	1	Decal - Inscription	

SECTION 5 - PLATFORM

FIGURE 5-52. FALL ARREST INSTALLATION (BOLT-ON) 36IN X 6FT (91.5CM X 1.82M) TRI-ENTRY PLATFORM)



ART_1001238463

SECTION 5 - PLATFORM

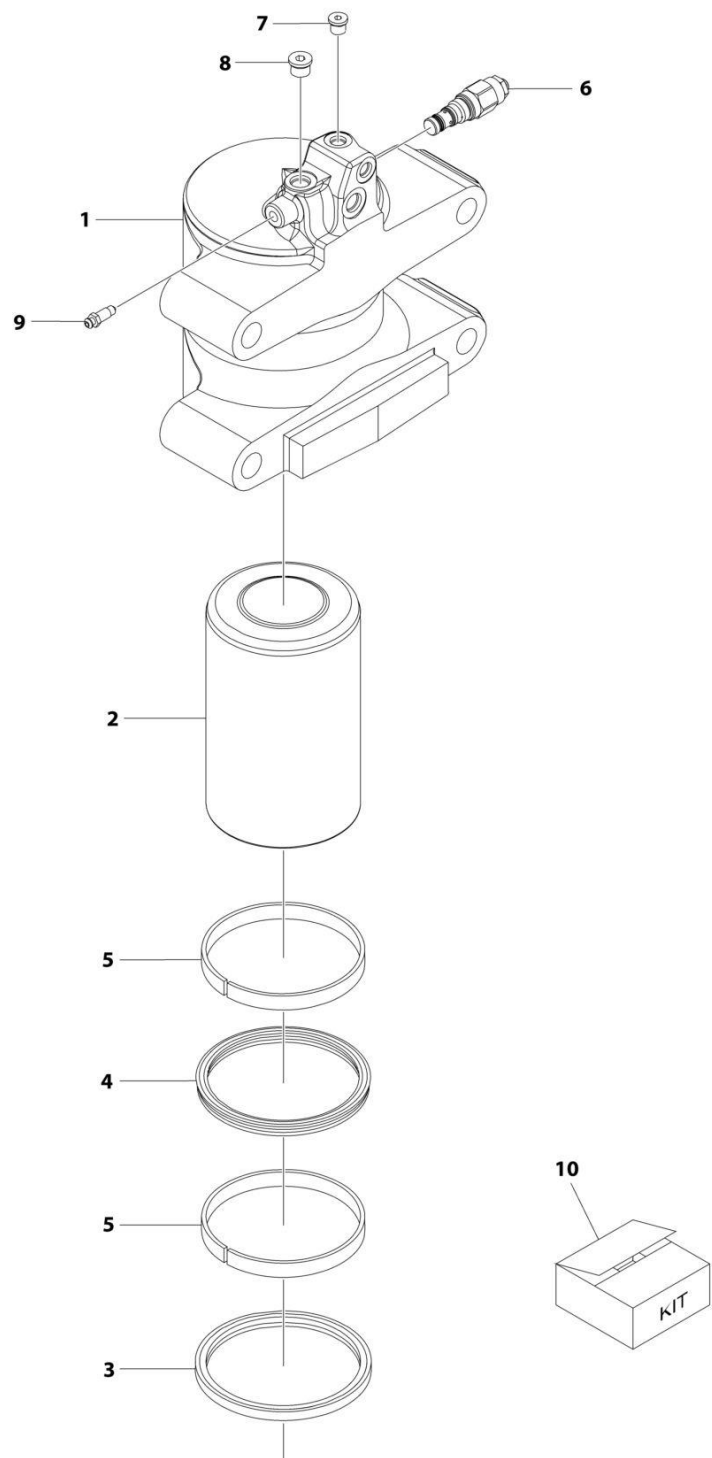
FIGURE 5-52. FALL ARREST INSTALLATION (BOLT-ON) 36IN X 6FT (91.5CM X 1.82M) TRI-ENTRY PLATFORM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238463	Ref	FALL ARREST INSTALLATION (BOLT - ON) 6FT/1.82M PLATFORM	C
1	0681620	6	Bolt 3/8 x 2-1/2	
2	0682424	1	Bolt 7/8 x 3	
3	3271605	6	Nut 3/8	
4	3272001	1	Nut 5/8	
5	3312002	2	Nut 5/8	
6	4711600	12	Washer 3/8	
7	4712000	1	Washer 5/8	
8	88521214	1	Nut 7/8	
9	1001231950	1	Rope	
10	1001232010	1	Bracket (RH)	
11	1001232011	1	Bracket (LH)	
12	1001236891	2	Washer	
13	1001236895	1	Ring	
14	1001238263	1	Decal - Warning Falling Hazard	
15	1001252629	1	Decal - Weight	
16	1001248140	1	Decal - Bolt Fall Arrest Re-Cert	
17	1001248141	1	Decal - Inscription	

SECTION 6 - CYLINDER

SECTION 6 - CYLINDER

FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSEMBLY



ART_1001204560

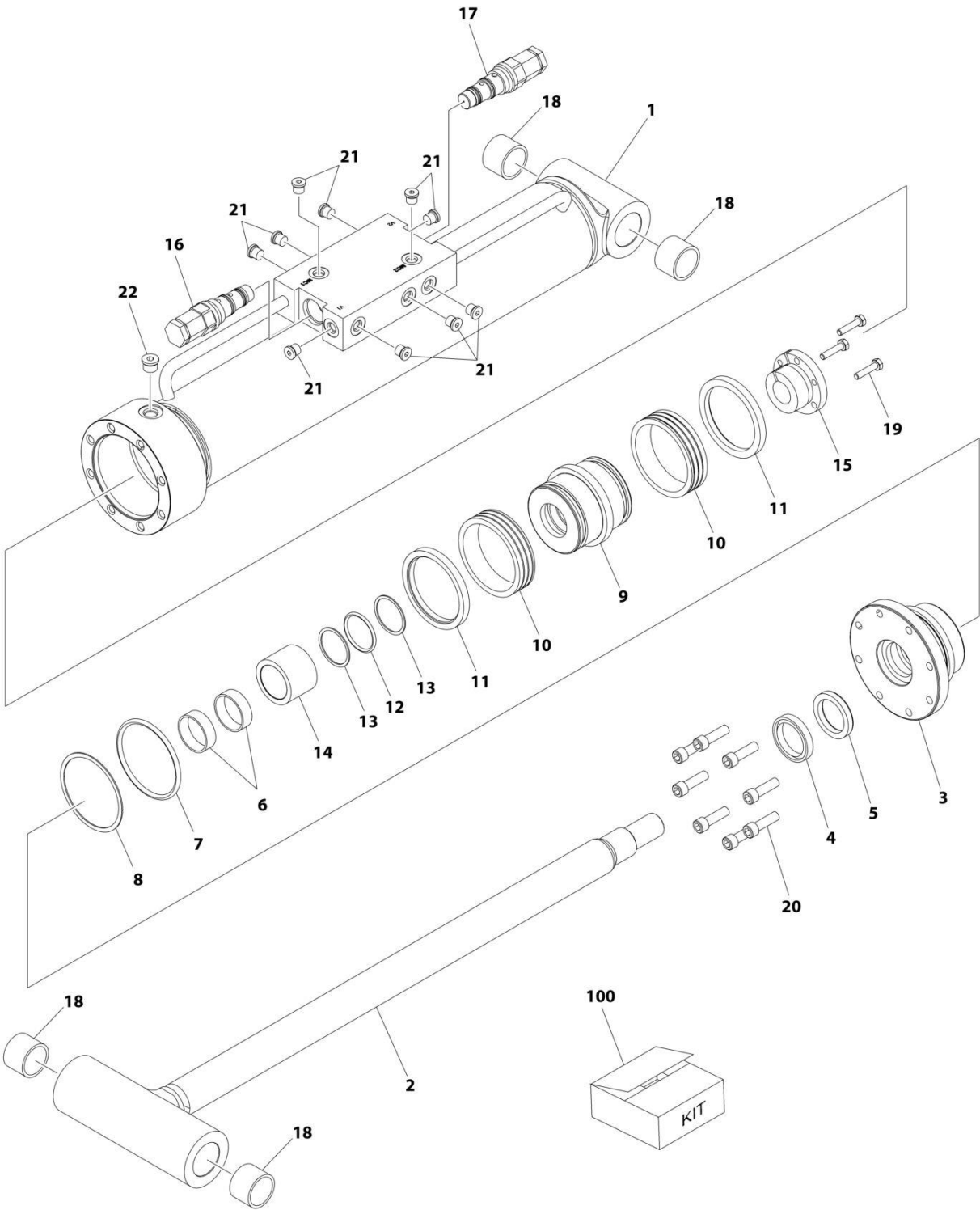
SECTION 6 - CYLINDER

FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204560	Ref	AXLE LOCKOUT CYLINDER ASSEMBLY	D
1	1001154126	1	Barrel	
2	1001154687	1	Rod	
3	See Note	NSS	Wiper (Note: Use Item 10)	
4	See Note	NSS	Seal, Rod (Note: Use Item 10)	
5	See Note	NSS	Ring, Wear (Note: Use Item 10)	
6	1001117372	1	Cartridge, Valve (Counterbalance)	
6	70002842	1	Seal Kit - 1001117372 Valve (1 Per Assembly)	
7	2220883	1	Plug, O-Ring	
8	2220885	1	Plug, O-Ring	
9	4640858	1	Valve, Bleeder	
10	1001098167	1	Seal Kit (Includes Items 3-5)	

SECTION 6 - CYLINDER

FIGURE 6-2. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE



ART_1001228030

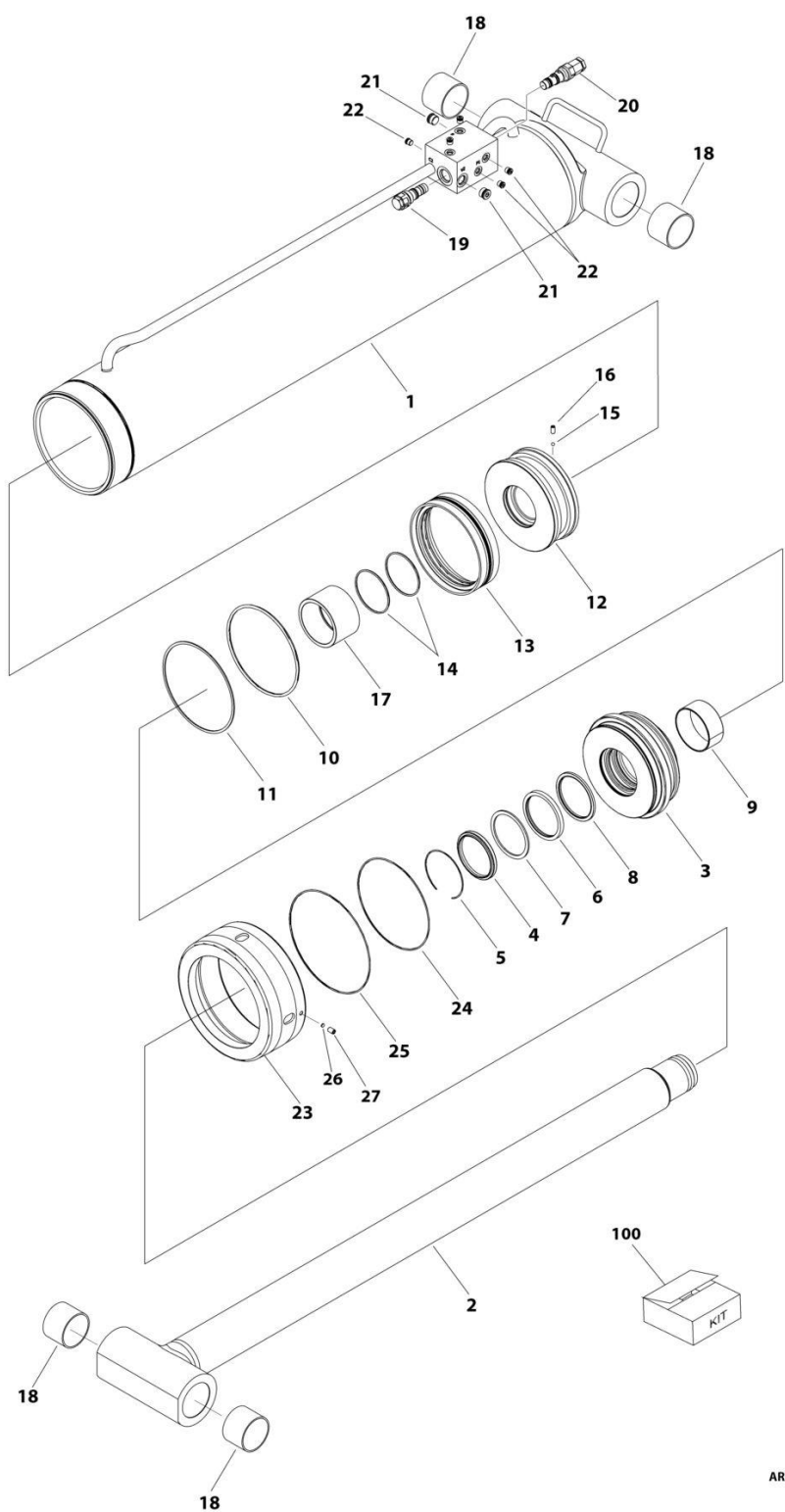
SECTION 6 - CYLINDER

FIGURE 6-2. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228030	Ref	LEVEL (SLAVE) CYLINDER ASSEMBLY	E
		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: Not Available for Purchase)	
2	70006642	1	Rod	
3	70006643	1	Head	
4	See Note	NSS	Wiper (Note: Use Item 100)	
5	See Note	NSS	Seal (Note: Use Item 100)	
6	See Note	NSS	Ring, Wear (Note: Use Item 100)	
7	See Note	NSS	O-Ring (Note: Use Item 100)	
8	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
9	70006644	1	Piston	
10	See Note	NSS	Seal (Note: Use Item 100)	
11	See Note	NSS	Ring, Lock (Note: Use Item 100)	
12	See Note	NSS	O-Ring (Note: Use Item 100)	
13	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
14	70006645	1	Spacer, Tube	
15	0961894	1	Bushing, Tapered	
16	4640932	1	Valve, Cartridge	
16	7011112	1	Seal Kit - 4640932 Valve	
17	4640605	1	Valve, Cartridge	
17	2900792	1	Seal Kit - 4640605 Valve	
18	0961951	4	Bushing	
19	0630535	3	Bolt	
20	3931620	8	Capscrew 3/8-16 x 1-1/4	
21	2220883	10	Plug, O-Ring	
22	2220885	1	Plug, O-Ring	
100	1001138796	1	Seal Kit (Includes Items 4-8 & 10-13)	

SECTION 6 - CYLINDER

FIGURE 6-3. LEVEL CYLINDER ASSEMBLY - UPRIGHT



ART_1001251041

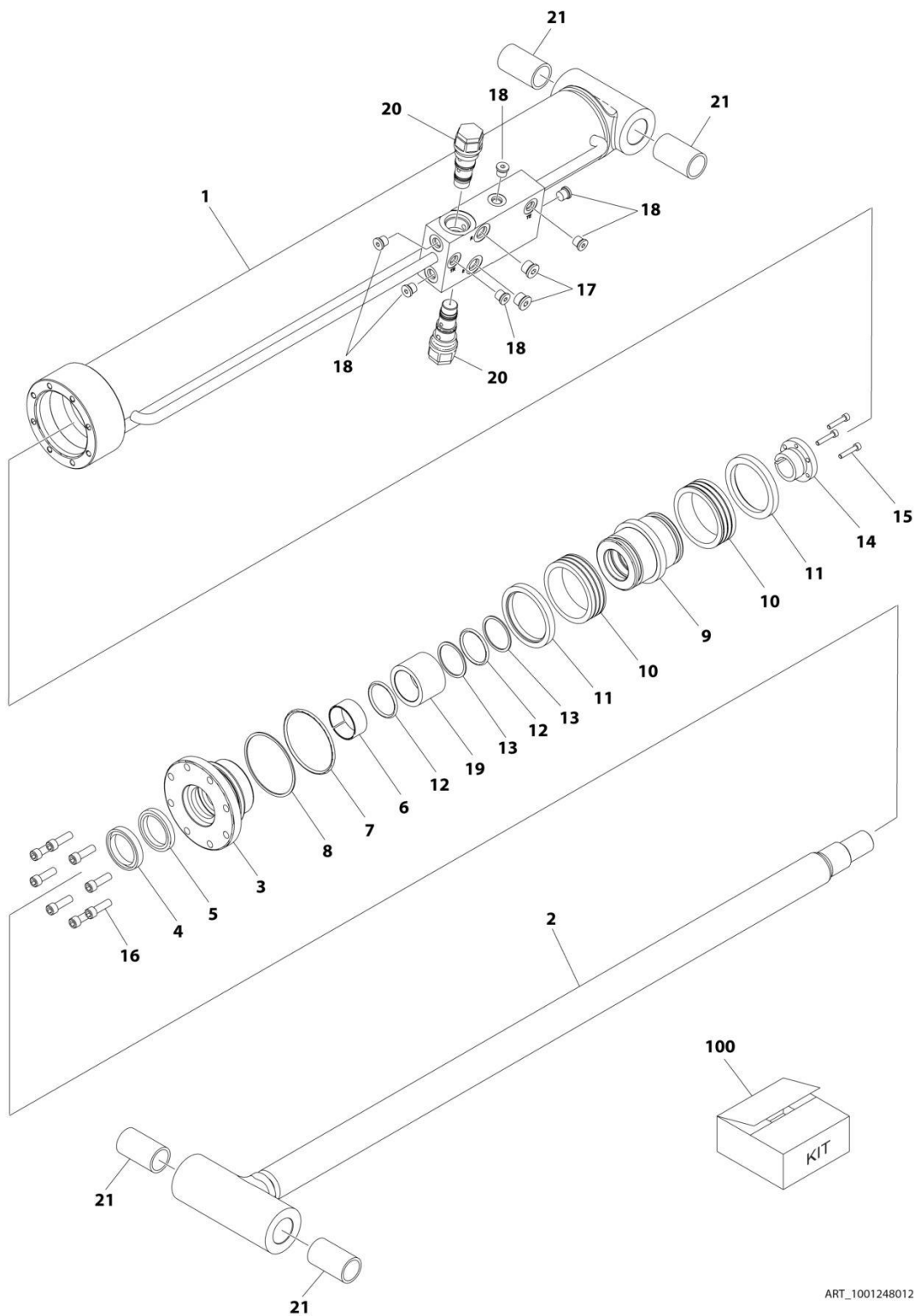
SECTION 6 - CYLINDER

FIGURE 6-3. LEVEL CYLINDER ASSEMBLY - UPRIGHT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251041	Ref	LIFT CYLINDER ASSEMBLY	C
		Ref	Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Not Available for Purchase)	
2	70007427	1	Rod	
3	70007422	1	Head	
4	See Note	NSS	Wiper (Note: Use Item 100)	
5	70023380	1	Ring, Retaining	
6	See Note	NSS	Seal (Note: Use Item 100)	
7	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
8	See Note	NSS	Ring, Buffer (Note: Use Item 100)	
9	70007423	1	Ring, Wear	
10	See Note	NSS	O-Ring (Note: Use Item 100)	
11	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
12	70007428	1	Piston	
13	See Note	NSS	Seal (Note: Use Item 100)	
14	See Note	NSS	O-Ring (Note: Use Item 100)	
15	70022564	1	Steel Ball	
16	70007246	1	Screw, Set	
17	70007429	1	Spacer	
18	0962102	4	Bushing	
19	4640509	1	Cartridge, Valve	
19	2900792	1	Seal Kit - 4640509 Valve	
20	4640605	1	Cartridge, Valve	
20	2900792	1	Seal Kit - 4640605 Valve	
21	2220886	2	Plug, O-Ring	
22	2220883	5	Plug, O-Ring	
23	70007278	1	Cap	
24	See Note	1	O-Ring (Note: Use Item 100)	
25	See Note	NSS	O-Ring (Note: Use Item 100)	
26	70007282	1	Insert, Locking	
27	70026287	1	Screw, Set	
100	70007430	1	Seal Kit (Includes Items 4, 6-8, 10, 11, 13, 14, 24 & 25)	

SECTION 6 - CYLINDER

FIGURE 6-4. LIFT CYLINDER ASSEMBLY - JIB



ART_1001248012

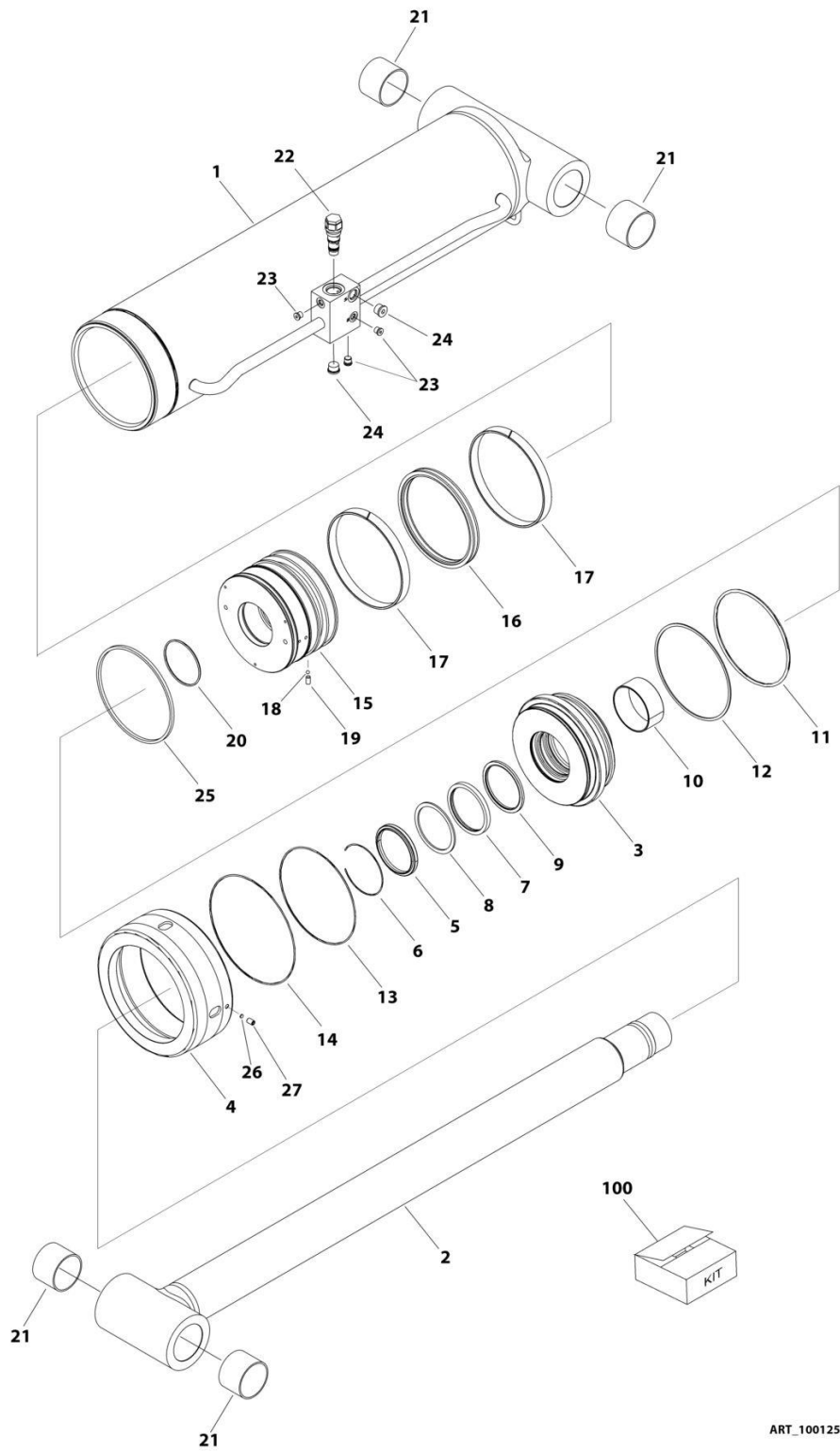
SECTION 6 - CYLINDER

FIGURE 6-4. LIFT CYLINDER ASSEMBLY - JIB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248012	Ref	LIFT CYLINDER ASSEMBLY - JIB	C
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Not Available for Purchase)	
2	70006734	1	Rod	
3	70006649	1	Head	
4	See Note	NSS	Wiper (Note: Use Item 100)	
5	See Note	NSS	Seal, Rod (Note: Use Item 100)	
6	See Note	NSS	Ring, Wear (Note: Use Item 100)	
7	See Note	NSS	O-Ring (Note: Use Item 100)	
8	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
9	70006650	1	Piston	
10	See Note	NSS	Seal (Note: Use Item 100)	
11	See Note	NSS	Ring, Lock (Note: Use Item 100)	
12	See Note	NSS	O-Ring (Note: Use Item 100)	
13	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
14	0961893	1	Bushing, Tapered	
15	0630534	3	Capscrew, Socket Head #10 x 1	
16	70006735	8	Capscrew 5/16	
17	2220885	2	Plug, O-Ring	
18	2220883	6	Plug, O-Ring	
19	70006736	1	Spacer	
20	4640509	2	Cartridge, Valve	
20	2900792	2	Seal Kit - 4640509 Valve	
21	0962336	4	Bushing	
100	1001138795	1	Seal Kit (Includes Items 4-8 & 10-13)	

SECTION 6 - CYLINDER

FIGURE 6-5. LIFT CYLINDER ASSEMBLY - MAIN BOOM



ART_1001251010

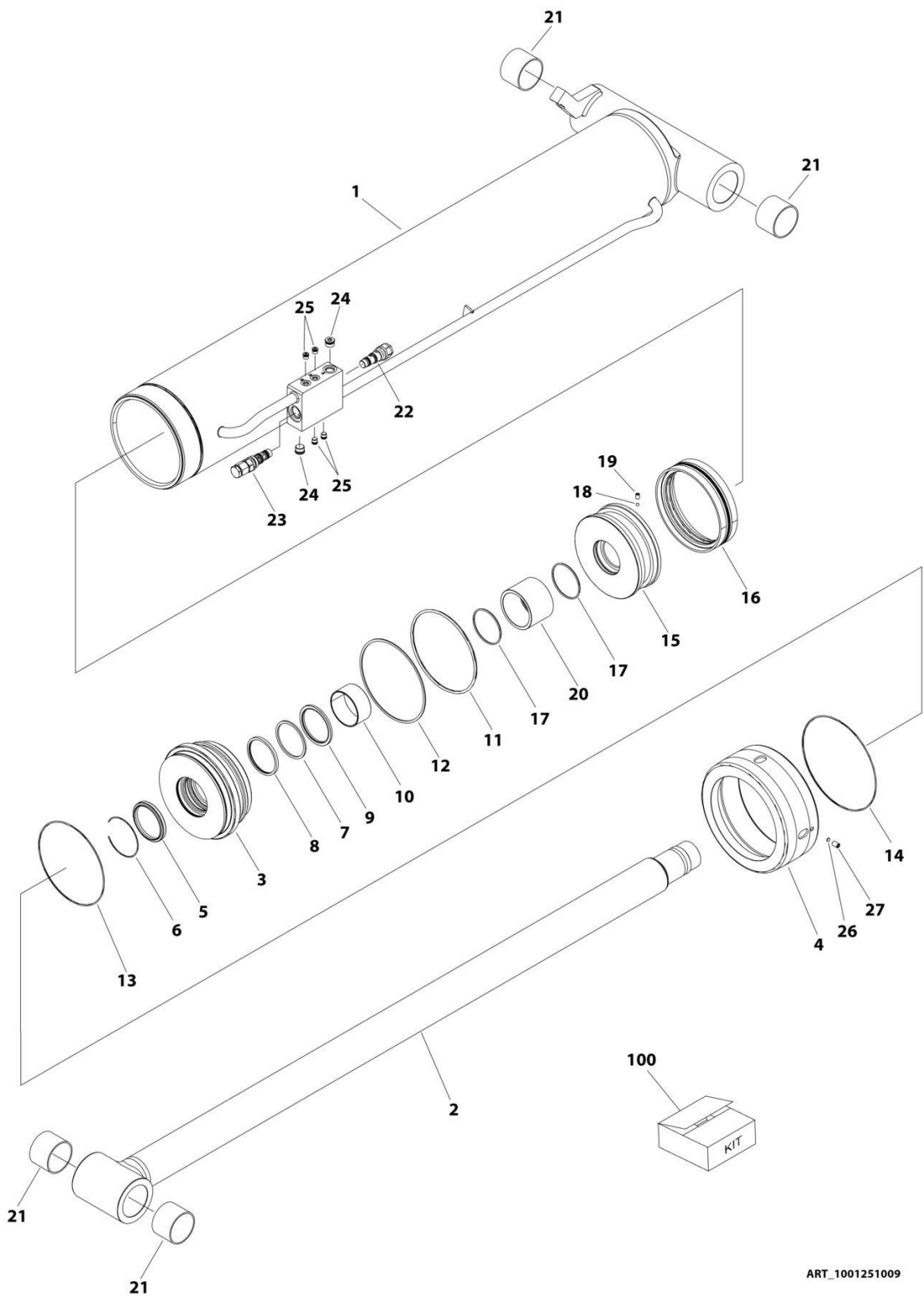
SECTION 6 - CYLINDER

FIGURE 6-5. LIFT CYLINDER ASSEMBLY - MAIN BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251010	Ref	LIFT CYLINDER ASSEMBLY	C
		Ref	Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Not Available for Purchase)	
2	70007421	1	Rod	
3	70007422	1	Head	
4	70007278	1	Cap	
5	See Note	NSS	Wiper (Note: Use Item 100)	
6	70023380	1	Ring, Retaining	
7	See Note	NSS	Seal (Note: Use Item 100)	
8	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
9	See Note	NSS	Ring, Buffer (Note: Use Item 100)	
10	70007423	1	Ring, Wear	
11	See Note	NSS	O-Ring (Note: Use Item 100)	
12	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
13	See Note	NSS	O-Ring (Note: Use Item 100)	
14	See Note	NSS	O-Ring (Note: Use Item 100)	
15	70007424	1	Piston	
16	See Note	NSS	Seal (Note: Use Item 100)	
17	See Note	NSS	Ring, Wear (Note: Use Item 100)	
18	70022564	1	Steel Ball	
19	70007246	1	Screw, Set	
20	See Note	1	O-Ring (Note: Use Item 100)	
21	0962102	4	Bushing	
22	4640509	1	Cartridge, Valve	
22	2900792	1	Seal Kit - 4640509 Valve	
23	2220883	3	Plug, O-Ring	
24	2220886	2	Plug, O-Ring	
25	70007425	1	Ring, Piston	
26	70007282	1	Insert, Locking	
27	70026287	1	Screw, Set	
100	70007426	1	Seal Kit (Includes Items 5, 7-9, 11-14, 16, 17 & 20)	

SECTION 6 - CYLINDER

FIGURE 6-6. LIFT CYLINDER ASSEMBLY - TOWER BOOM



ART_1001251009

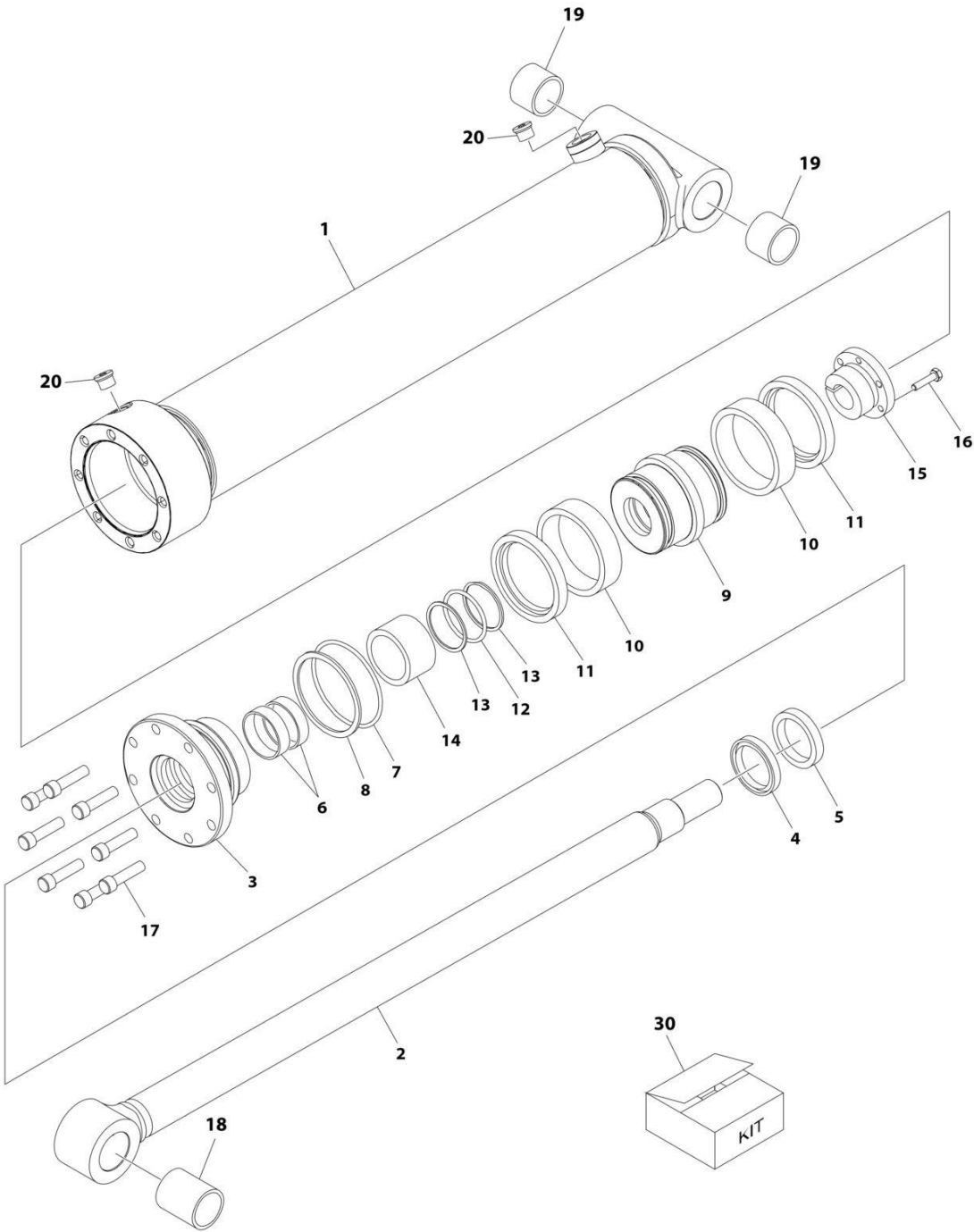
SECTION 6 - CYLINDER

FIGURE 6-6. LIFT CYLINDER ASSEMBLY - TOWER BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251009	Ref	LIFT CYLINDER ASSEMBLY	C
		Ref	Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Not Available for Purchase)	
2	70007419	1	Rod	
3	70007277	1	Head	
4	70007278	1	Cap	
5	See Note	NSS	Wiper (Note: Use Item 100)	
6	70027750	1	Ring, Retaining	
7	See Note	NSS	Seal (Note: Use Item 100)	
8	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
9	See Note	NSS	Ring, Buffer (Note: Use Item 100)	
10	70007279	1	Ring, Wear	
11	See Note	NSS	O-Ring (Note: Use Item 100)	
12	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
13	See Note	NSS	O-Ring (Note: Use Item 100)	
14	See Note	NSS	O-Ring (Note: Use Item 100)	
15	70007280	1	Piston	
16	See Note	NSS	Seal (Note: Use Item 100)	
17	See Note	NSS	O-Ring (Note: Use Item 100)	
18	70022564	1	Steel Ball	
19	70029468	1	Screw, Set	
20	70007420	1	Spacer	
21	0962102	4	Bushing	
22	4640509	1	Cartridge, Valve	
22	2900792	1	Seal Kit - 4640509 Valve	
23	4640605	1	Cartridge, Valve	
23	2900792	1	Seal Kit - 4640605 Valve	
24	2220886	1	Plug, O-Ring	
25	2220883	4	Plug, O-Ring	
26	70007282	1	Insert, Locking	
27	70026287	1	Screw, Set	
100	70007283	1	Seal Kit (Includes Items 5, 7-9, 11-14, 16 & 17)	

SECTION 6 - CYLINDER

FIGURE 6-7. MASTER CYLINDER ASSEMBLY



ART_1001228050

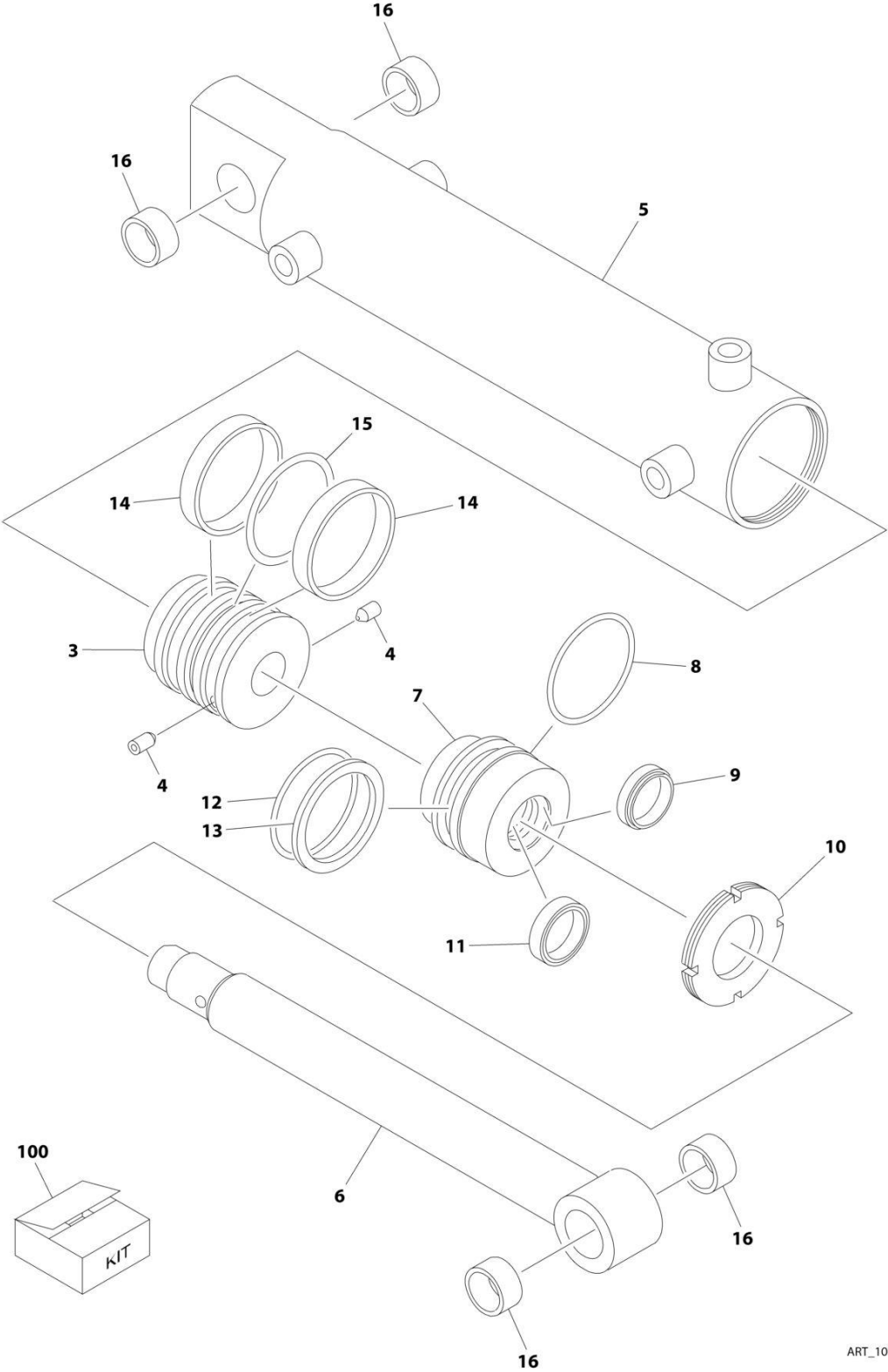
SECTION 6 - CYLINDER

FIGURE 6-7. MASTER CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228050	Ref	MASTER CYLINDER ASSEMBLY	C
		Ref	Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Not Available for Purchase)	
2	70006668	1	Rod	
3	70006643	1	Head	
4	See Note	NSS	Wiper (Note: Use Item 30)	
5	See Note	NSS	Seal, Rod (Note: Use Item 30)	
6	See Note	NSS	Ring, Wear (Note: Use Item 30)	
7	See Note	NSS	O-Ring (Note: Use Item 30)	
8	See Note	NSS	Ring, Back-up (Note: Use Item 30)	
9	70006644	1	Piston	
10	See Note	NSS	Ring, Wear (Note: Use Item 30)	
11	See Note	NSS	Ring, Lock (Note: Use Item 30)	
12	See Note	NSS	O-Ring (Note: Use Item 30)	
13	See Note	NSS	Ring, Back-up (Note: Use Item 30)	
14	70006651	1	Spacer, Tube	
15	0961894	1	Bushing, Tapered	
16	0630535	3	Capscrew 1/4 x 1-1/8	
17	3931620	8	Capscrew 3/8 x 1-1/4	
18	0962155	1	Bushing	
19	0961951	2	Bushing	
20	2220885	2	Plug, O-Ring	
30	1001138796	1	Seal Kit (Machines with Arctic Package) (Includes Items 4-8 & 10-13)	

SECTION 6 - CYLINDER

FIGURE 6-8. STEER CYLINDER ASSEMBLY



ART_1001150539

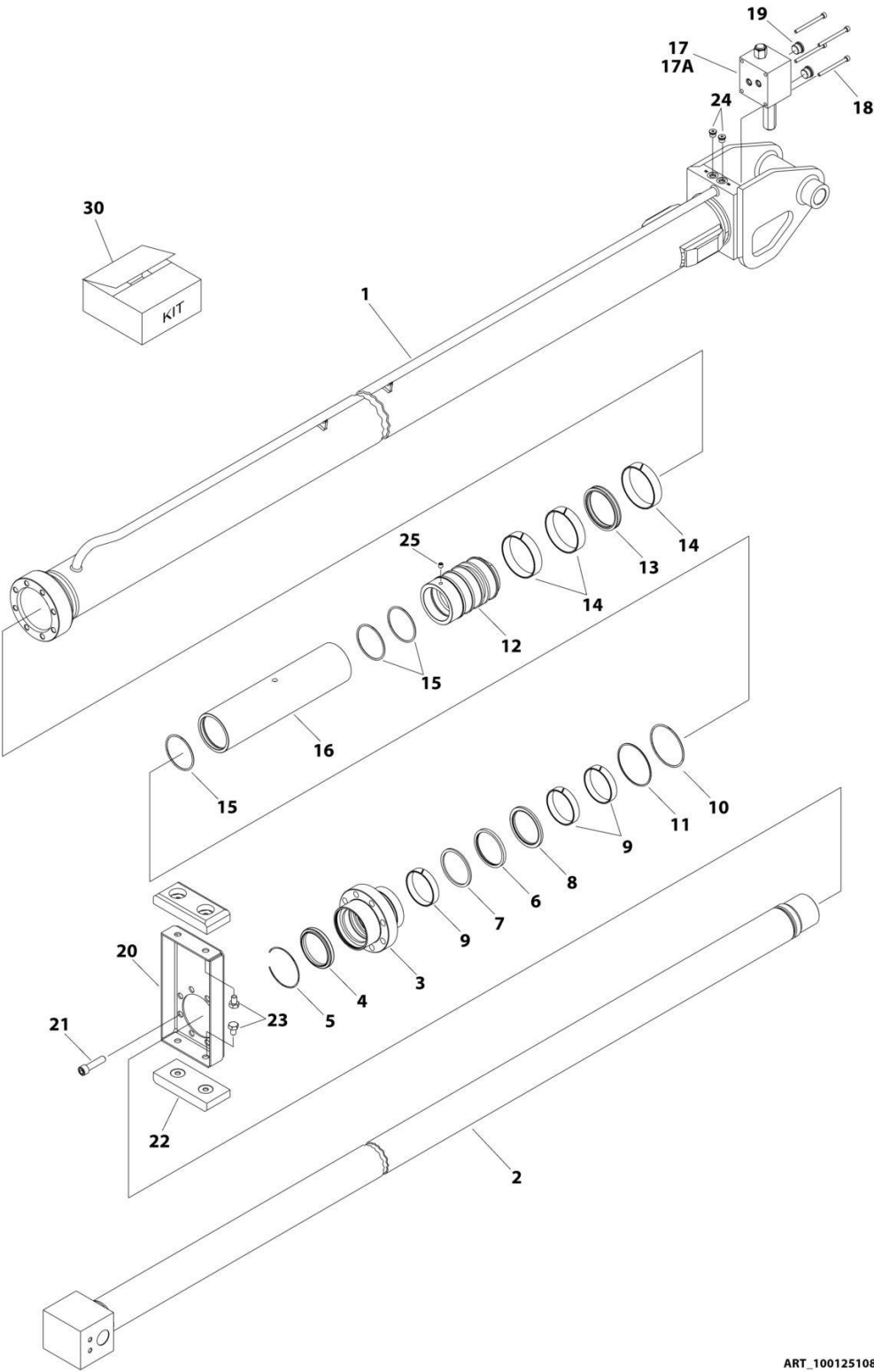
SECTION 6 - CYLINDER

FIGURE 6-8. STEER CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001150539	Ref	STEER CYLINDER ASSEMBLY	F
		Ref	Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
3	70002744	1	Piston	
4	70002745	2	Setscrew M6 x 10	
5	70004381	1	Barrel	
6	70004382	1	Rod	
7	70002748	1	Head	
8	See Note	NSS	Ring (Note: Use Item 100)	
9	See Note	NSS	Wiper (Note: Use Item 100)	
10	70002749	1	Nut, Spanner	
11	See Note	NSS	Seal (Note: Use Item 100)	
12	See Note	NSS	O-Ring (Note: Use Item 100)	
13	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
14	See Note	NSS	Ring, Wear (Note: Use Item 100)	
15	See Note	NSS	Seal (Note: Use Item 100)	
16	0962152	4	Bushings	
100	70002751	1	Seal Kit (Includes Items 8, 9 & 11-15)	

SECTION 6 - CYLINDER

FIGURE 6-9. TELESCOPE CYLINDER ASSEMBLY - MAIN BOOM (WITH ARCTIC PACKAGE)



ART_1001251087

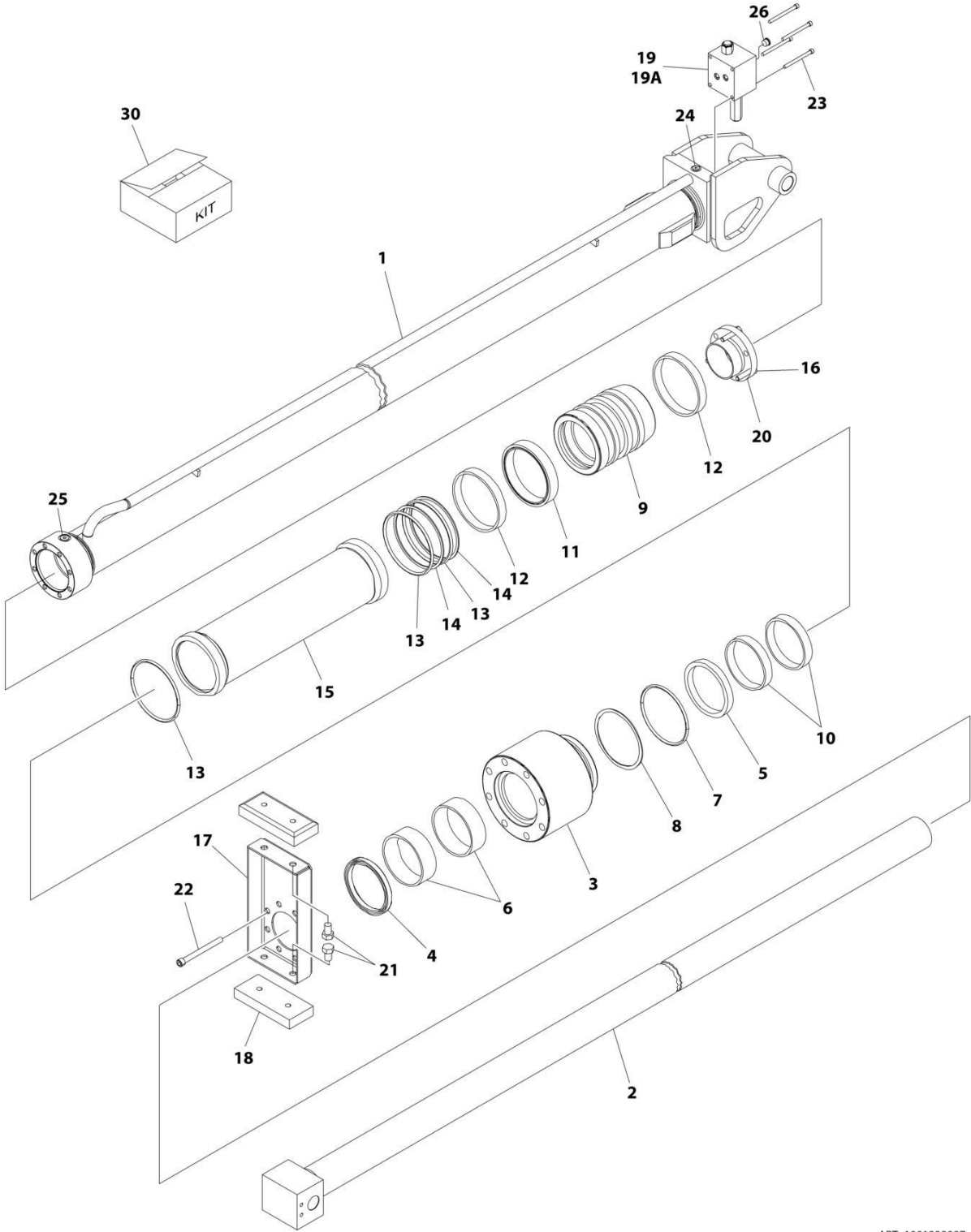
SECTION 6 - CYLINDER

FIGURE 6-9. TELESCOPE CYLINDER ASSEMBLY - MAIN BOOM (WITH ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251087	Ref	TELESCOPE CYLINDER ASSEMBLY	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: Not Available for Purchase)	
2	70007514	1	Rod	
3	70007515	1	Head	
4	See Note	NSS	Wiper (Note: Use Item 30)	
5	70027259	1	Ring, Retaining	
6	See Note	NSS	Seal, Rod (Note: Use Item 30)	
7	See Note	NSS	Ring, Back-up (Note: Use Item 30)	
8	See Note	NSS	Ring, Buffer (Note: Use Item 30)	
9	See Note	NSS	Ring, Wear (Note: Use Item 30)	
10	See Note	NSS	O-Ring (Note: Use Item 30)	
11	See Note	NSS	Ring, Back-up (Note: Use Item 30)	
12	70007516	1	Piston	
13	See Note	NSS	Seal, Piston (Note: Use Item 30)	
14	See Note	NSS	Ring, Wear (Note: Use Item 30)	
15	See Note	NSS	O-Ring (Note: Use Item 30)	
16	70007517	1	Spacer	
17	4641033	1	Valve Assembly (No serviceable parts - sold as assembly only)	
17A	7024508	2	O-Ring (Between Valve and Cylinder Barrel)	
18	70006802	4	Capscrew M6	
19	2220886	2	Plug, O-Ring	
20	70007518	1	Plate	
21	70007519	8	Capscrew M12	
22	70007520	2	Pad, Wear	
23	70007521	4	Bolt M10	
24	2220883	2	Plug, O-Ring	
25	70006799	1	Screw, Set	
30	70007522	1	Seal Kit (Includes Items 4, 6, 7, 9-11 & 13-15)	

SECTION 6 - CYLINDER

FIGURE 6-10. TELESCOPE CYLINDER ASSEMBLY - MAIN BOOM (WITHOUT ARCTIC PACKAGE)



ART_1001228087

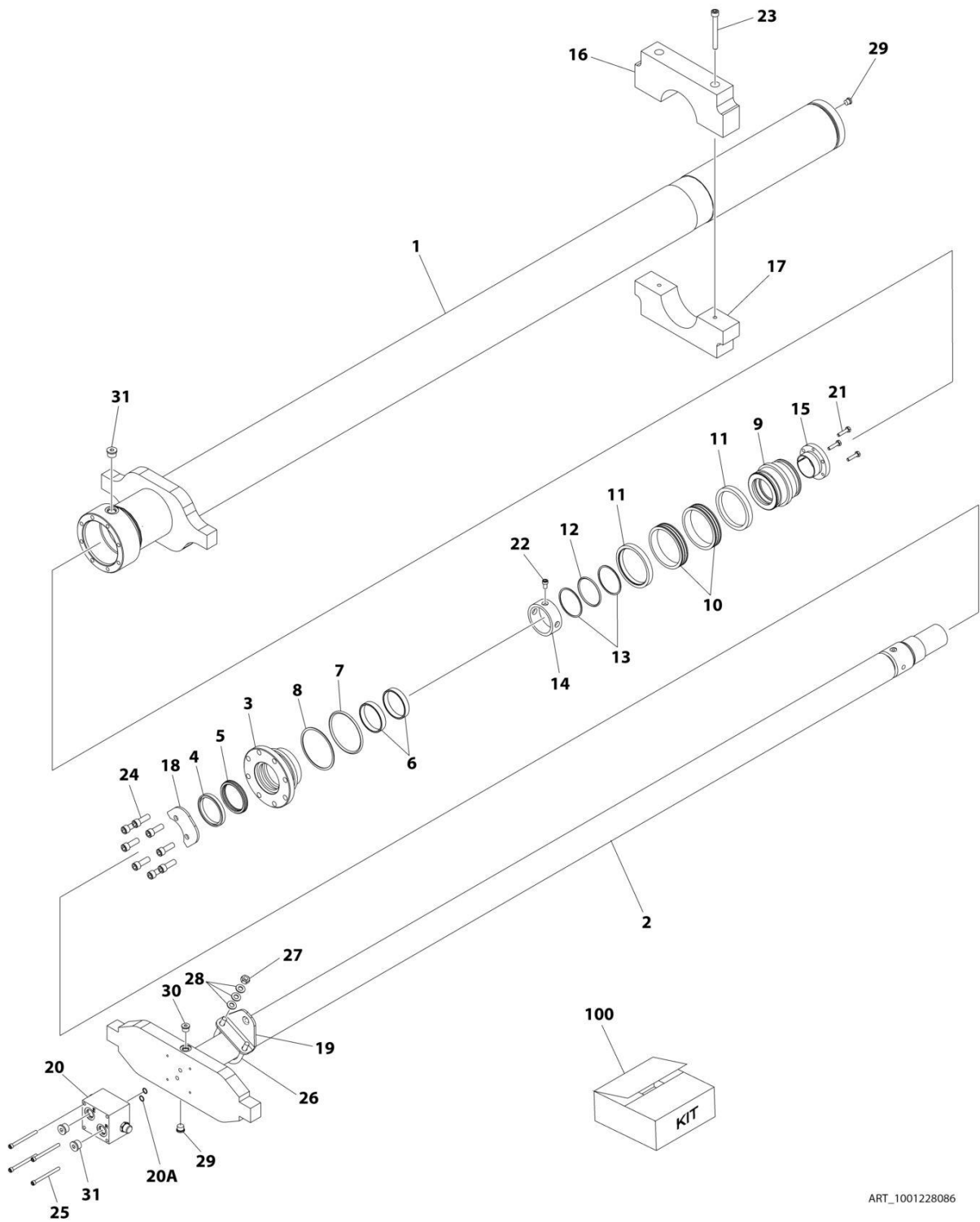
SECTION 6 - CYLINDER

FIGURE 6-10. TELESCOPE CYLINDER ASSEMBLY - MAIN BOOM (WITHOUT ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228087	Ref	TELESCOPE CYLINDER ASSEMBLY	F
		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: Not Available for Purchase)	
2	70006669	1	Rod	
3	70006670	1	Head	
4	See Note	NSS	Wiper (Note: Use Item 30)	
5	See Note	NSS	Seal, Rod (Note: Use Item 30)	
6	See Note	NSS	Ring, Wear (Note: Use Item 30)	
7	See Note	NSS	O-Ring (Note: Use Item 30)	
8	See Note	NSS	Ring, Back-up (Note: Use Item 30)	
9	70006671	1	Piston	
10	See Note	NSS	Ring, Wear (Note: Use Item 30)	
11	See Note	NSS	Seal, Piston (Note: Use Item 30)	
12	See Note	NSS	Ring, Wear (Note: Use Item 30)	
13	See Note	NSS	O-Ring (Note: Use Item 30)	
14	See Note	NSS	Ring, Back-up (Note: Use Item 30)	
15	70006672	1	Spacer	
16	0961897	1	Bushing, Tapered	
17	3570775	1	Plate	
18	3340838	2	Pad, Wear	
19	4641033	1	Valve Assembly (No serviceable parts - sold as assembly only)	
19A	7024508	2	O-Ring (Between Valve and Cylinder Barrel)	
20	0630535	3	Bolt 1/4 x 1-1/8	
21	0641806	4	Bolt 1/2 x 3/4	
22	3931664	8	Capscrew 3/8 x 4	
23	3931448	4	Capscrew 1/4 x 3	
24	2220883	1	Plug, O-Ring	
25	2220885	AR	Plug, O-Ring	
26	2220886	1	Plug, O-Ring	
30	1001149391	1	Seal Kit (Includes Items 4-8 & 10-14)	

SECTION 6 - CYLINDER

FIGURE 6-11. TELESCOPE CYLINDER ASSEMBLY - TOWER BOOM



ART_1001228086

SECTION 6 - CYLINDER

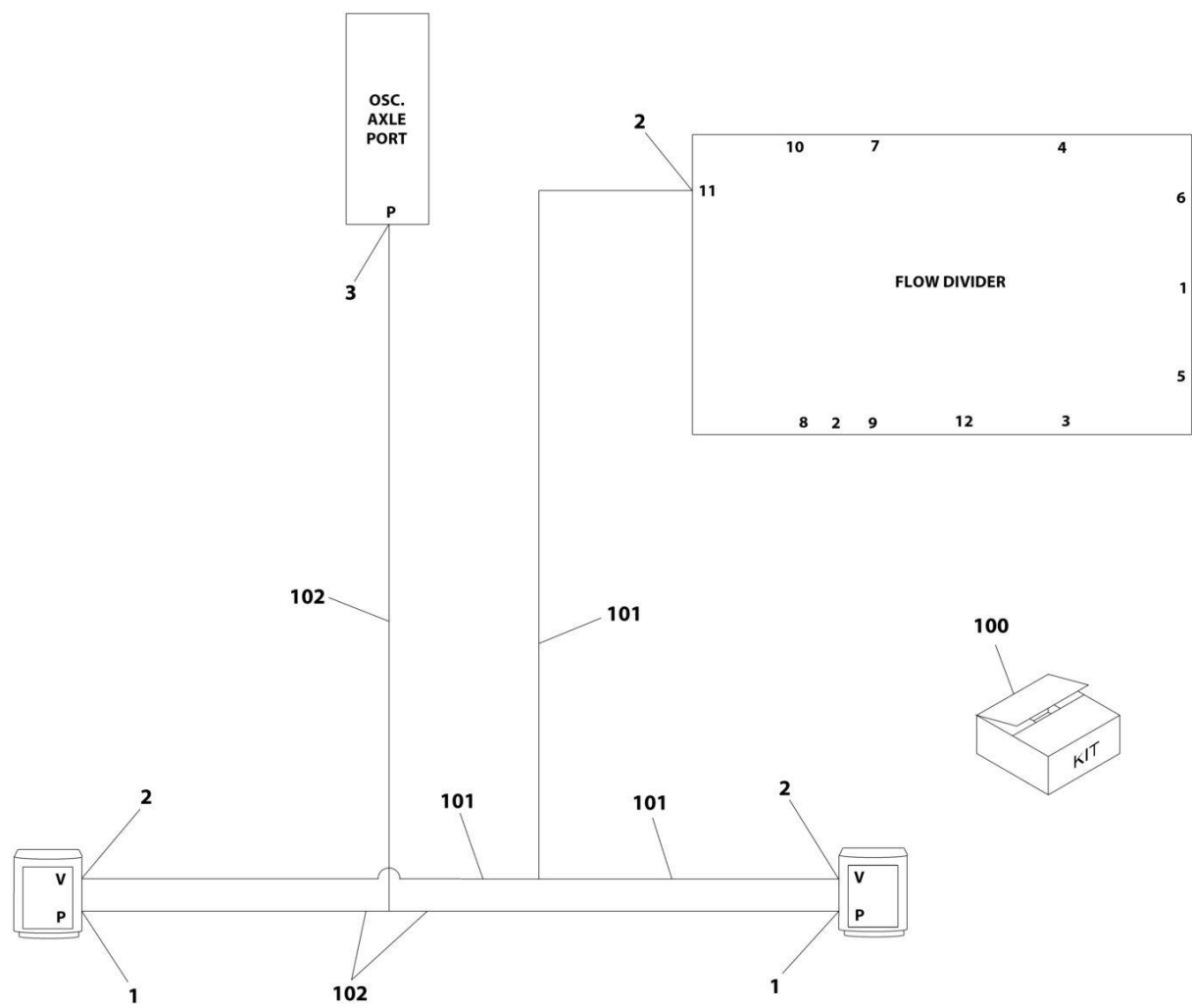
FIGURE 6-11. TELESCOPE CYLINDER ASSEMBLY - TOWER BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228086	Ref	TELESCOPE CYLINDER ASSEMBLY	C
		Ref	Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Not Available for Purchase)	
2	70006921	1	Rod	
3	70006480	1	Head	
4	See Note	NSS	Wiper (Note: Use Item 100)	
5	See Note	NSS	Seal, Rod (Note: Use Item 100)	
6	See Note	NSS	Ring, Wear (Note: Use Item 100)	
7	See Note	NSS	O-Ring (Note: Use Item 100)	
8	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
9	70006479	1	Piston	
10	See Note	NSS	Seal, Piston (Note: Use Item 100)	
11	See Note	NSS	Ring, Lock (Note: use Item 100)	
12	See Note	NSS	O-Ring (Note: Use Item 100)	
13	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
14	70006922	1	Spacer	
15	0961897	1	Bushing, Tapered	
16	70006923	1	Pad, Wear	
17	70006924	1	Pad, Wear	
18	70006925	1	Plate	
19	70006926	1	Plate	
20	4641032	1	Valve Assembly (No serviceable parts - sold as assembly only)	
20A	7024397	2	O-Ring (Between Valve and Cylinder Barrel)	
21	0630535	3	Bolt 1/4 x 1-1/8	
22	70006731	1	Bolt	
23	70006927	2	Bolt M10	
24	70006728	8	Bolt 7/16	
25	70006733	4	Bolt M8	
26	70006928	1	U-Bolt M10	
27	70005594	2	Nut M10	
28	70006344	6	Washer M10	
29	2220883	2	Plug, O-Ring	
30	2220885	1	Plug, O-Ring	
31	2220886	3	Plug, O-Ring	
100	1001188842	1	Seal Kit - 1001228086 Cylinder (Includes Items 4-8 & 10-13)	

SECTION 7 - HYDRAULIC

SECTION 7 - HYDRAULIC

FIGURE 7-1. HYDRAULIC DIAGRAM - AXLE (OSCILLATING)



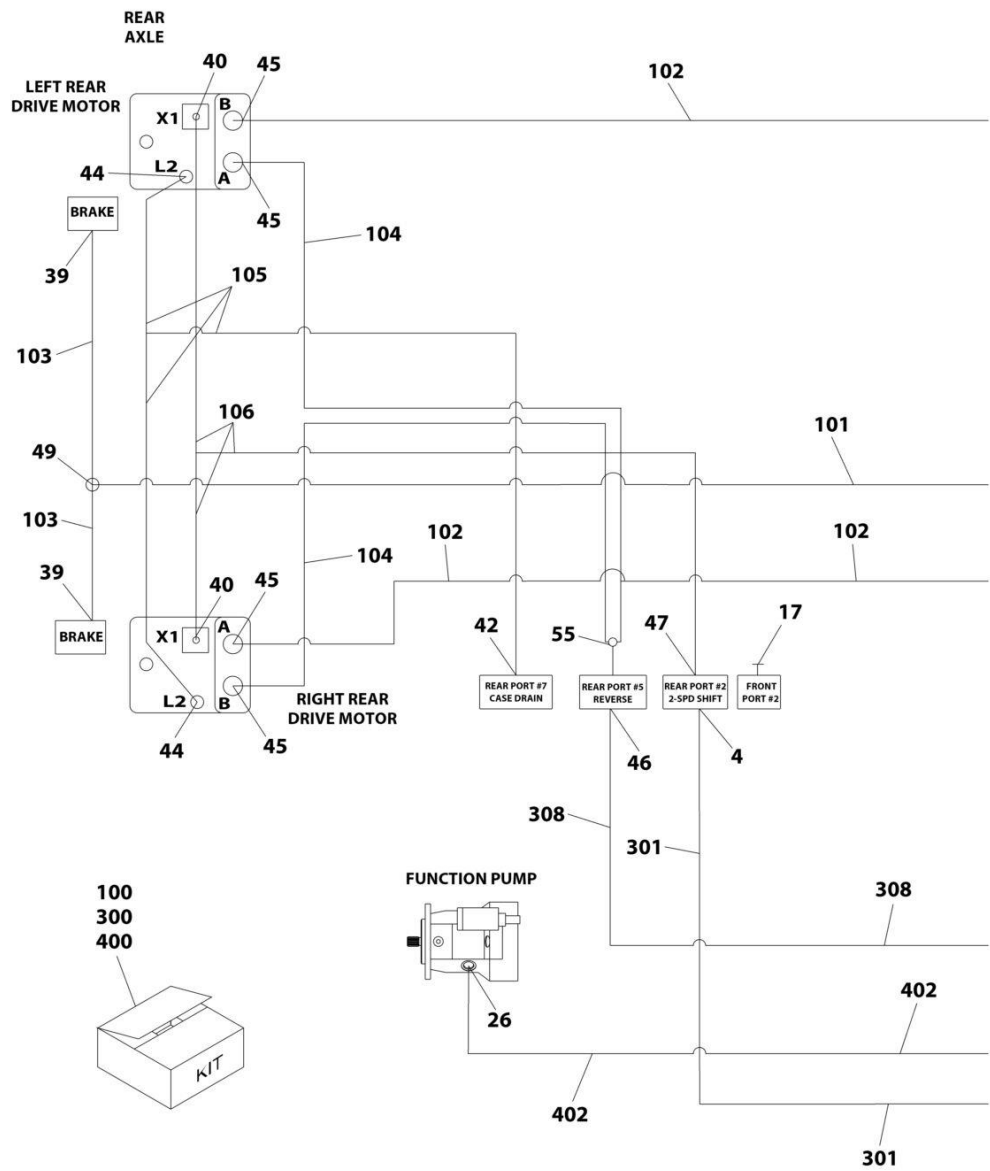
SECTION 7 - HYDRAULIC

FIGURE 7-1. HYDRAULIC DIAGRAM - AXLE (OSCILLATING)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001157400	Ref	AXLE LOCKOUT HYDRAULIC DIAGRAM	G
1	2110404	2	Fitting, Straight ORFS/ORB	
2	2110606	3	Fitting, Straight ORFS/ORB	
3	2110408	1	Fitting, Straight ORFS/ORB	
100	1001270068	1	Hose Lockout Kit	
101	1001198336	1	Hose with Crimped Tee	
102	1001198339	1	Hose with Crimped Tee	

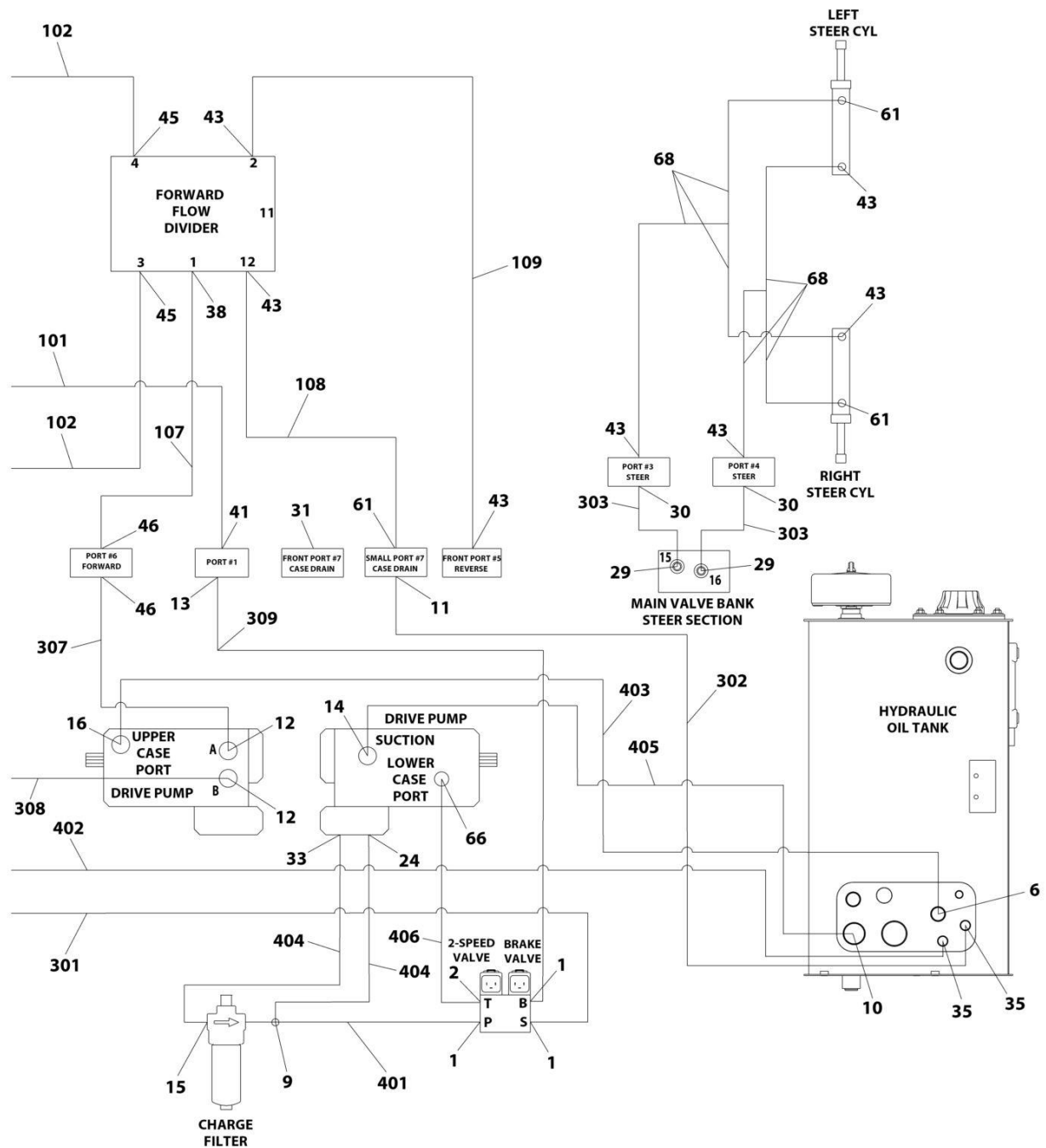
SECTION 7 - HYDRAULIC

FIGURE 7-2. HYDRAULIC DIAGRAM - DRIVE (2WD/2WS WITHOUT TOW PACKAGE)



ART_1001178203_1OF2

SECTION 7 - HYDRAULIC



ART_1001178203_2OF2

SECTION 7 - HYDRAULIC

FIGURE 7-2. HYDRAULIC DIAGRAM - DRIVE (2WD/2WS WITHOUT TOW PACKAGE)

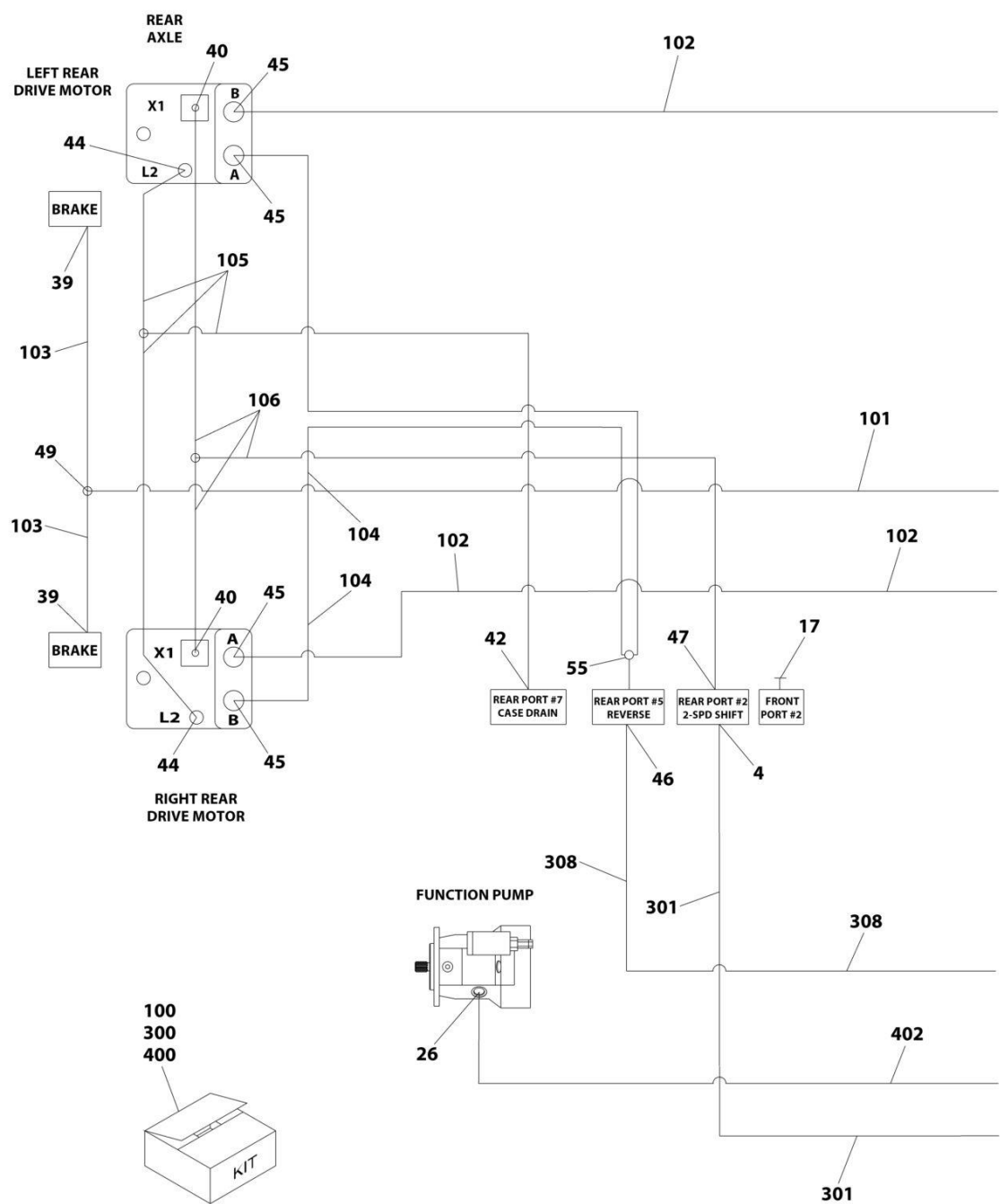
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178203	Ref	DRIVE HYDRAULIC DIAGRAM - 2WD	K
1	2220466	3	Fitting, 90 ORB/FL	
2	2220940	1	Fitting, 90 ORB/FL	
4	2220582	1	Fitting, Straight ORB/FL	
6	2220451	1	Fitting, Straight JIC/ORB	
9	1001199394	1	Fitting, Tee JIC/ORB/JIC	
10	2220380	1	Fitting, Straight ORB/FL	
11	2220375	1	Fitting, Straight ORB/FL	
12	2131616	2	Fitting, 90 ORFS/ORB	
13	2220468	1	Fitting, Straight ORB/FL	
14	8770050	1	Fitting, 90 JIC/ORB	
15	2220596	1	Fitting, 90 ORB/FL	
16	2220578	1	Fitting, 90 JIC/ORB	
17	2220237	1	Plug	
24	2220374	1	Fitting, Straight JIC/ORB	
26	2220671	1	Fitting, 90 JIC/ORB	
29	2220371	2	Fitting, Straight JIC/ORB	
30	2220473	2	Fitting, 90 ORB/FL	
31	2220238	1	Plug	
33	2220800	1	Fitting, Straight ORB/FL	
35	2220373	2	Fitting, Straight JIC/ORB	
38	2151616	1	Fitting, 45 ORFS/ORB	
39	2110404	2	Fitting, Straight ORFS/ORB	
40	2110406	2	Fitting, Straight ORFS/ORB	
41	2110408	1	Fitting, Straight ORFS/ORB	
42	2130808	1	Fitting, 90 ORFS/ORB	
43	2110606	7	Fitting, Straight ORFS/ORB	
44	2110808	2	Fitting, Straight ORFS/ORB	
45	2111212	6	Fitting, Straight ORFS/ORB	
46	2111616	3	Fitting, Straight ORFS/ORB	
47	2150406	1	Fitting, 45 ORFS/ORB	
49	2170504	1	Fitting, Tee ORFS	
55	1001199395	1	Fitting, Tee ORFS/ORB	
61	2130606	3	Fitting, 90 ORFS/ORB	
66	1001215296	1	Fitting, 90 JIC/SORB	
68	1001198333	2	Hose	
100	1001270084	1	Towbar Rear Hose Kit	
101	2753622	1	Hose	
102	2753688	2	Hose	
103	2754337	2	Hose	
104	1001159854	2	Hose	
105	1001198334	1	Hose	
106	1001198340	1	Hose	
107	2753635	1	Hose	
108	2754242	1	Hose	
109	2754243	1	Hose	
300	1001270091	1	Arctic Towbar Hose Kit	
301	2751399	1	Hose	
302	2751500	1	Hose	
303	2752489	2	Hose	

SECTION 7 - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
307	1001156332	1	Hose	
308	1001156333	1	Hose	
309	2752997	1	Hose	
400	1001270090	1	Arctic Towbar Hose Kit	
401	2752434	1	Hose	
402	2752938	1	Hose	
403	1001188135	1	Hose	
404	2752495	1	Hose	
405	2752754	1	Hose	
406	1001151354	1	Hose	

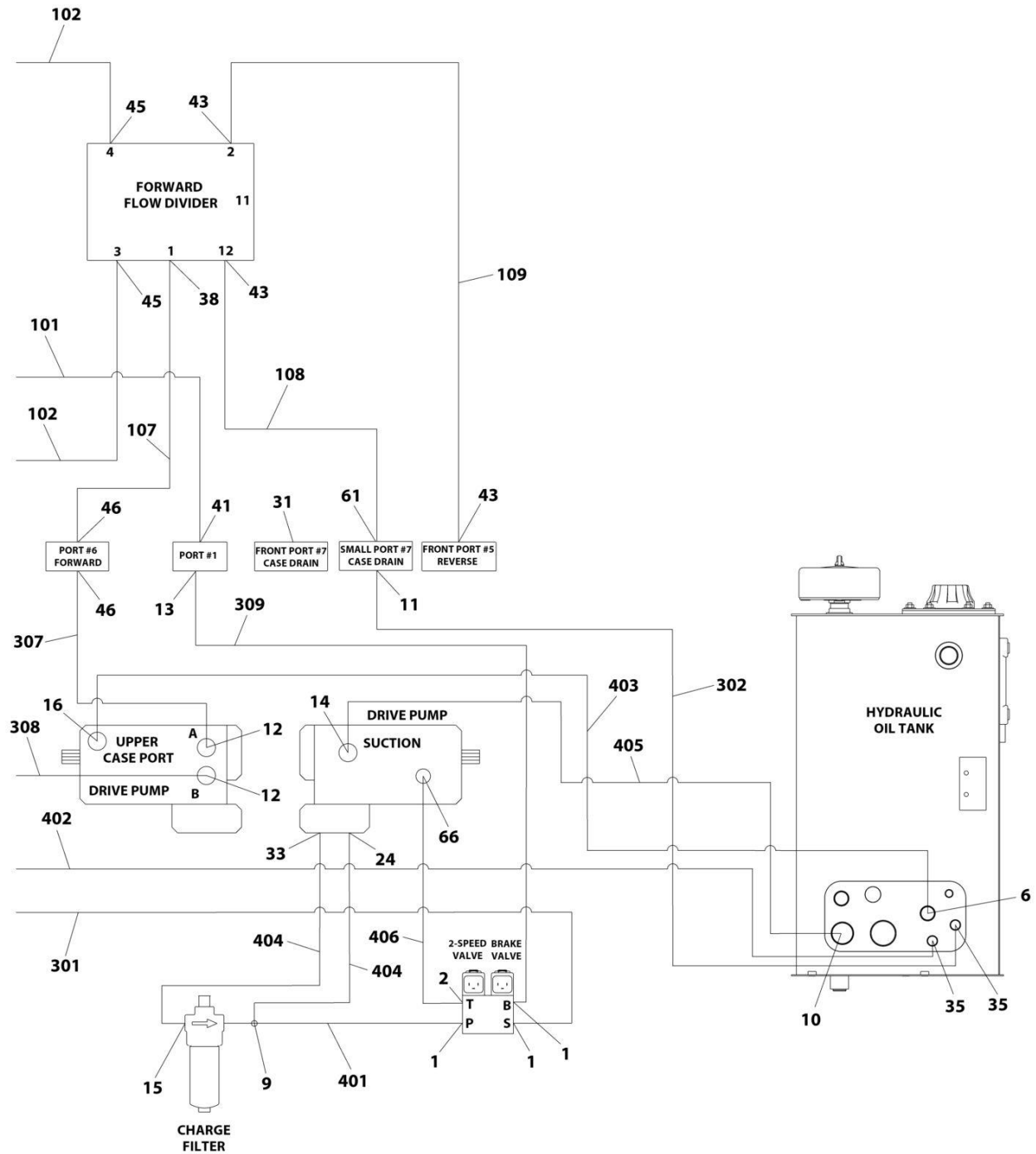
SECTION 7 - HYDRAULIC

FIGURE 7-3. HYDRAULIC DIAGRAM - DRIVE (2WD/2WS WITH TOW PACKAGE)



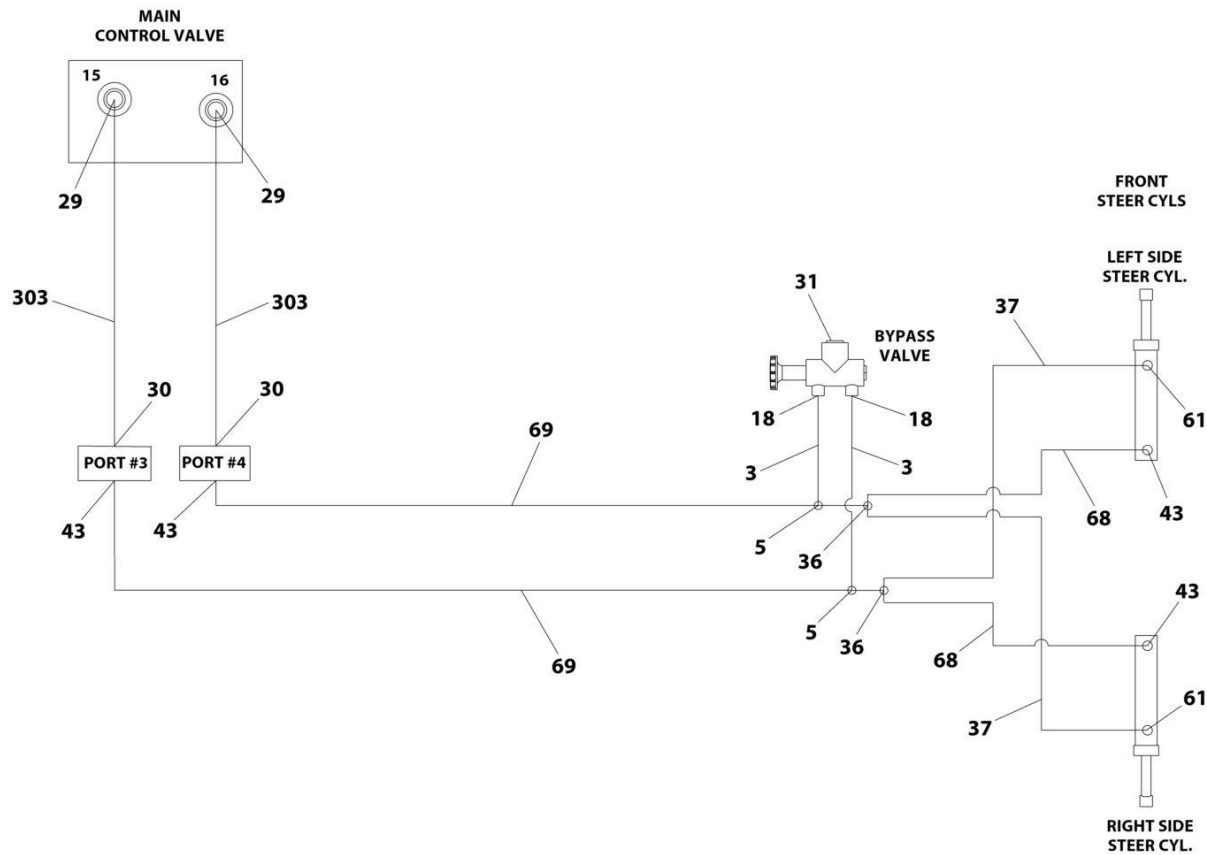
ART_1001217194_10F3

SECTION 7 - HYDRAULIC



ART_1001217194_2OF3

SECTION 7 - HYDRAULIC



SECTION 7 - HYDRAULIC

FIGURE 7-3. HYDRAULIC DIAGRAM - DRIVE (2WD/2WS WITH TOW PACKAGE)

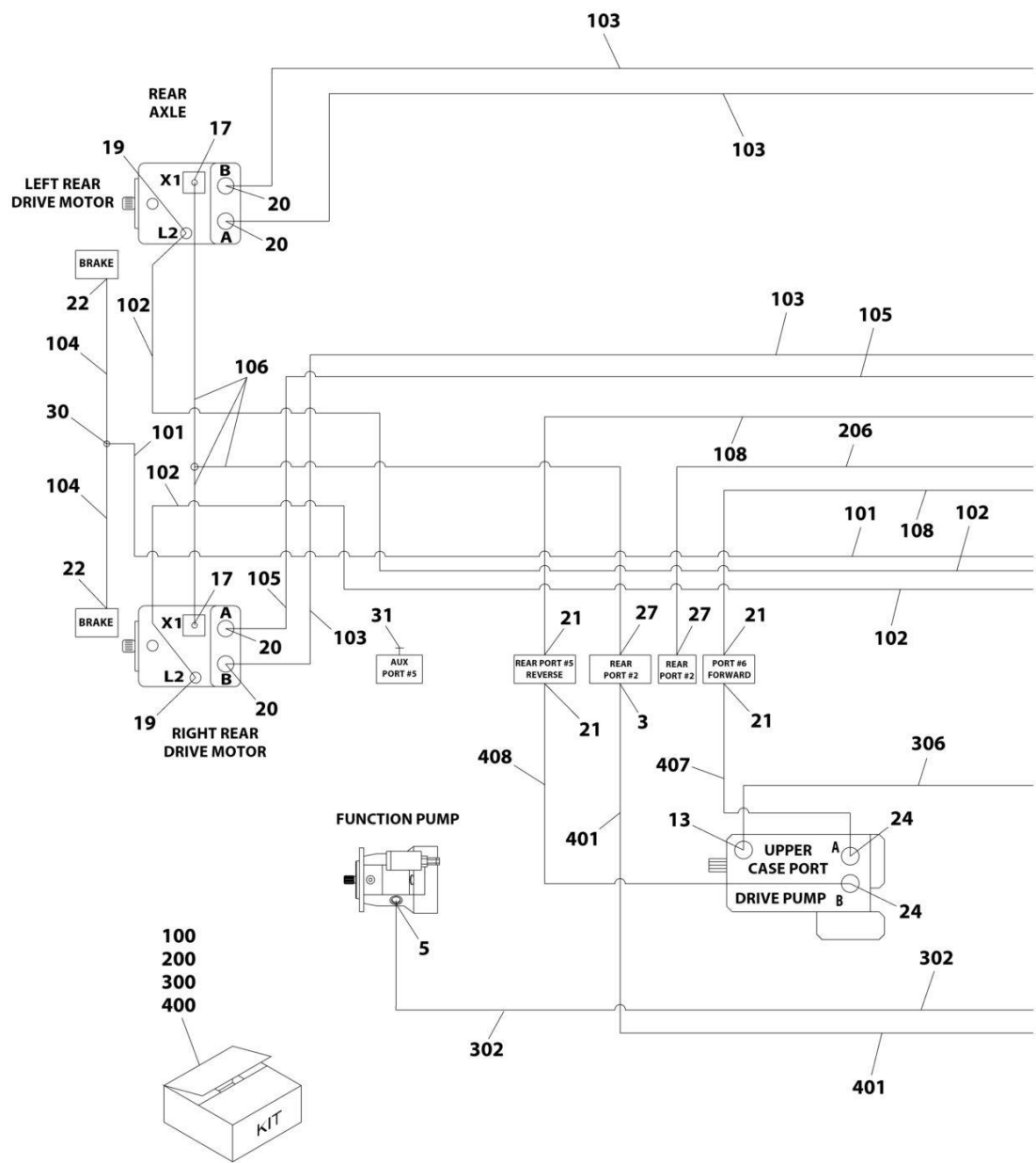
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217194	Ref	DRIVE HYDRAULIC DIAGRAM - 2WD/2WS	E
1	2220466	3	Fitting, 90 ORB/FL	
2	2220940	1	Fitting, 90 ORB/FL	
3	2753879	2	Hose	
4	2220582	1	Fitting, Straight ORB/FL	
5	2170706	2	Fitting, Tee - ORFS/ORFS/ORFS	
6	2220451	1	Fitting, Straight JIC/ORB	
9	1001199394	1	Fitting, Tee JIC/ORB/JIC	
10	2220380	1	Fitting, Straight ORB/FL	
11	2220375	1	Fitting, Straight ORB/FL	
12	2131616	2	Fitting, 90 ORFS/ORB	
13	2220468	1	Fitting, Straight ORB/FL	
14	8770050	1	Fitting, 90 JIC/ORB	
15	2220596	1	Fitting, 90 ORB/FL	
16	2220578	1	Fitting, 90 JIC/ORB	
17	2220237	1	Plug	
18	2110608	2	Fitting, Straight ORFS/ORB	
24	2220374	1	Fitting, Straight JIC/ORB	
26	2220671	1	Fitting, 90 JIC/ORB	
29	2220371	2	Fitting, Straight JIC/ORB	
30	2220473	2	Fitting, 90 ORB/FL	
31	2220238	2	Plug	
33	2220800	1	Fitting, Straight ORB/FL	
35	2220373	2	Fitting, Straight JIC/ORB	
36	2170506	2	Fitting, Tee ORFS/ORFS/ORFS	
37	2753656	2	Hose	
38	2151616	1	Fitting, 45 ORFS/ORB	
39	2110404	2	Fitting, Straight ORFS/ORB	
40	2110406	2	Fitting, Straight ORFS/ORB	
41	2110408	1	Fitting, Straight ORFS/ORB	
42	2130808	1	Fitting, 90 ORFS/ORB	
43	2110606	7	Fitting, Straight ORFS/ORB	
44	2110808	2	Fitting, Straight ORFS/ORB	
45	2111212	6	Fitting, Straight ORFS/ORB	
46	2111616	3	Fitting, Straight ORFS/ORB	
47	2150406	1	Fitting, 45 ORFS/ORB	
49	2170504	1	Fitting, Tee ORFS	
55	1001199395	1	Fitting, Tee ORFS/ORB	
61	2130606	3	Fitting, 90 ORFS/ORB	
66	1001215296	1	Fitting, 90 JIC/SORB	
68	1001159340	2	Hose	
69	2753732	2	Hose	
100	1001270084	1	Towbar Rear Hose Kit	
101	2753622	1	Hose	
102	2753688	2	Hose	
103	2754337	2	Hose	
104	1001159854	2	Hose	
105	1001198334	1	Hose	
106	1001198340	1	Hose	
107	2753635	1	Hose	

SECTION 7 - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
108	2754242	1	Hose	
109	2754243	1	Hose	
300	1001270091	1	Arctic Towbar Hose Kit	
301	2751399	1	Hose	
302	2751500	1	Hose	
303	2752489	2	Hose	
307	1001156332	1	Hose	
308	1001156333	1	Hose	
309	2752997	1	Hose	
400	1001270090	1	Towbar Hose Kit	
401	2752434	1	Hose	
402	2752938	1	Hose	
403	1001188135	1	Hose	
404	2752495	1	Hose	
405	2752754	1	Hose	
406	1001151354	1	Hose	

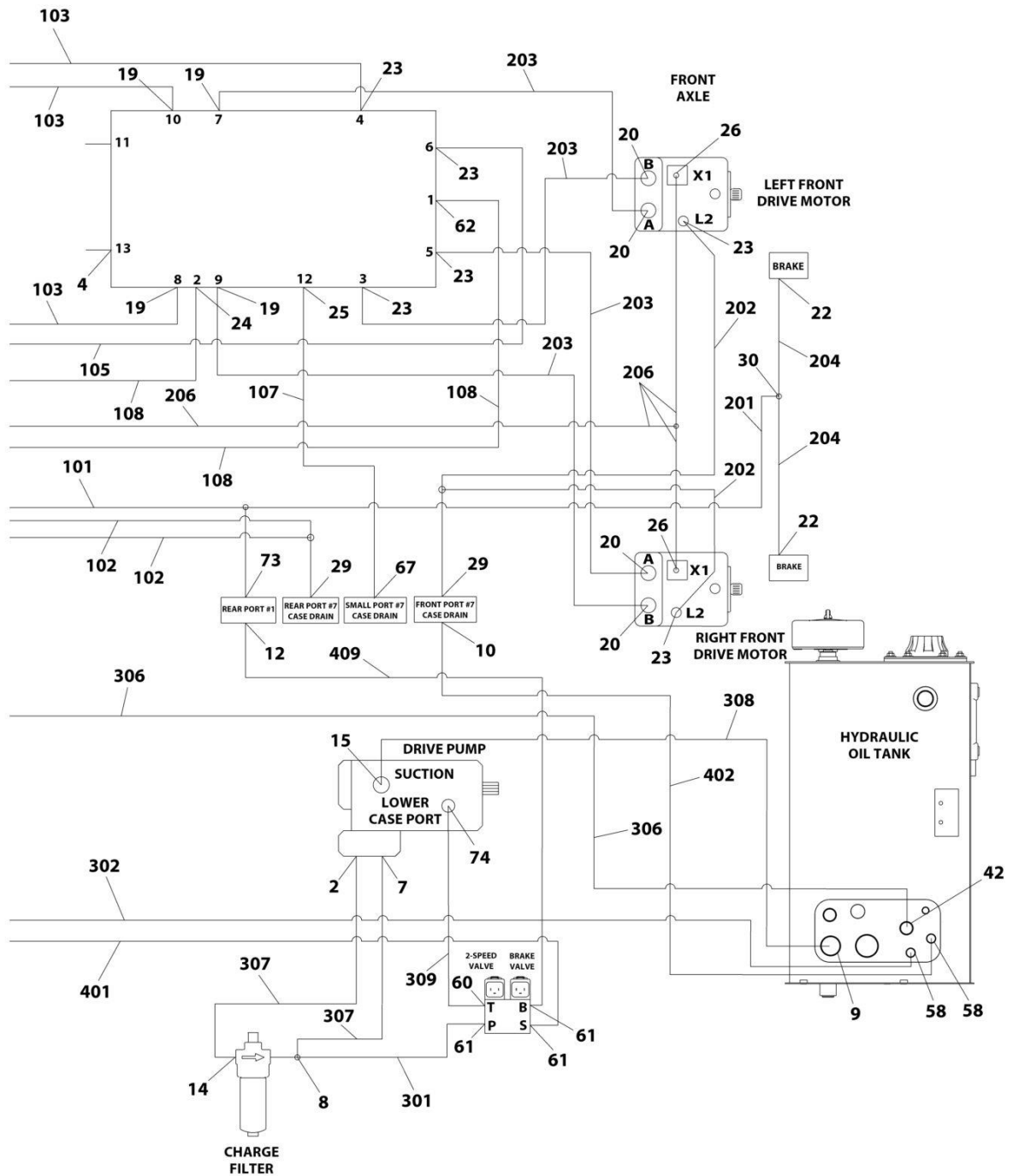
SECTION 7 - HYDRAULIC

FIGURE 7-4. HYDRAULIC DIAGRAM - DRIVE (4WD/2WS WITHOUT TOW PACKAGE/WITHOUT ARCTIC PACKAGE)



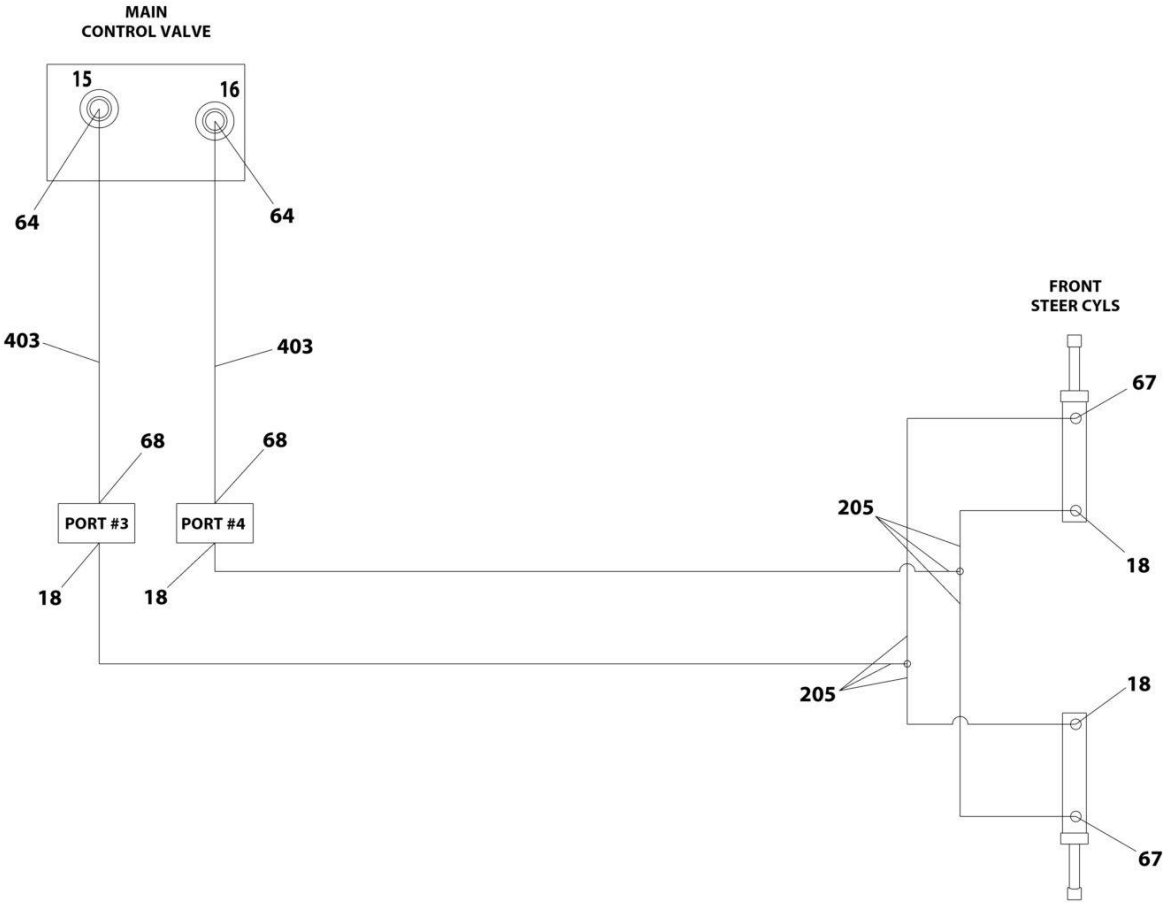
ART_1001178204_1OF3

SECTION 7 - HYDRAULIC



ART_1001178204_2OF3

SECTION 7 - HYDRAULIC



ART_1001178204_3OF3

SECTION 7 - HYDRAULIC

FIGURE 7-4. HYDRAULIC DIAGRAM - DRIVE (4WD/2WS WITHOUT TOW PACKAGE/WITHOUT ARCTIC PACKAGE)

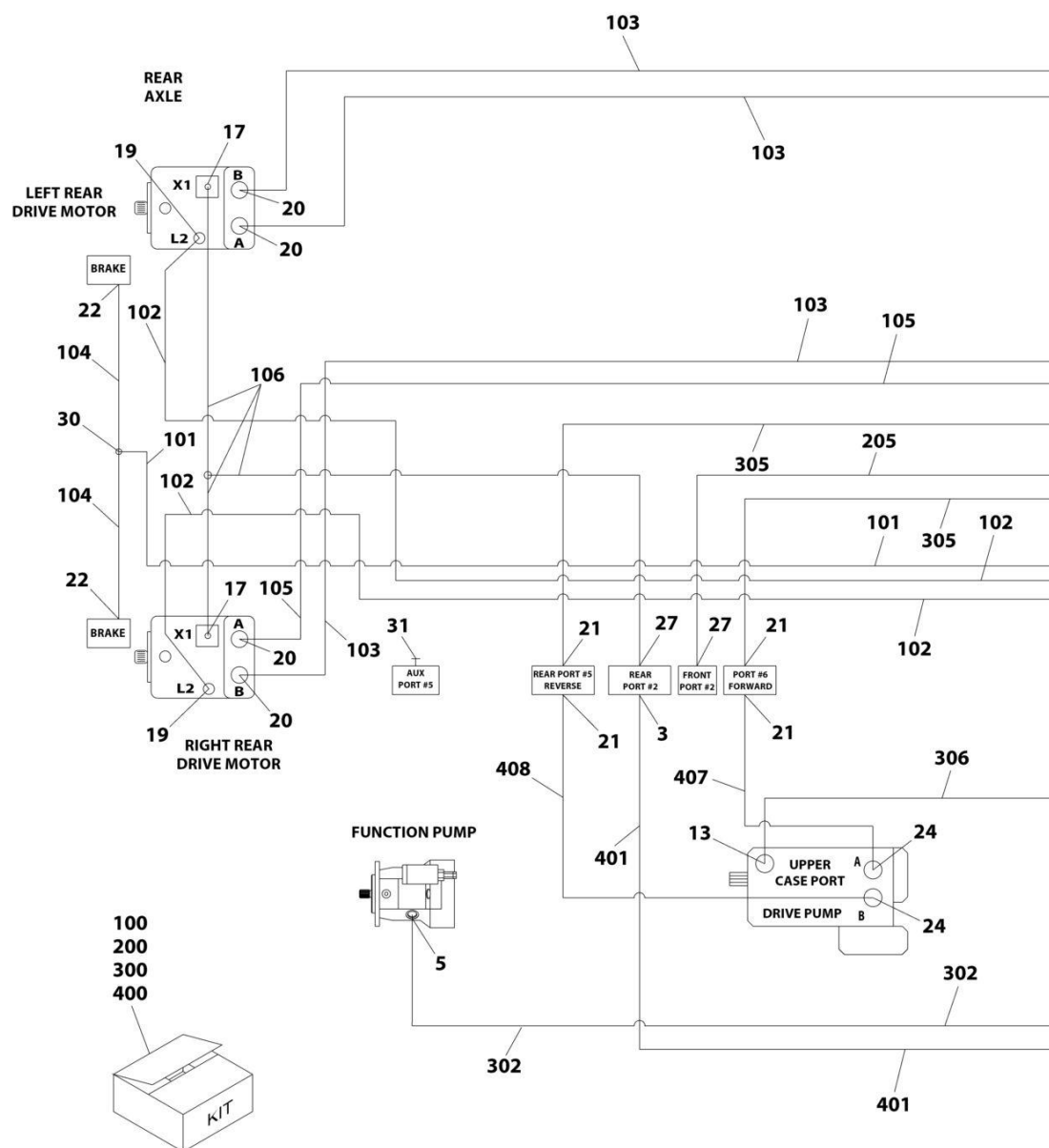
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178204	Ref	DRIVE HYDRAULIC DIAGRAM - 4WD/2WS	J
2	2220800	1	Fitting, Straight ORB/FL	
3	2220582	1	Fitting, Straight ORB/FL	
4	2220238	1	Plug	
5	2220671	1	Fitting, 90 JIC/ORB	
7	2220374	1	Fitting, Straight JIC/ORB	
8	1001199394	1	Fitting, Tee JIC/ORB/JIC	
9	2220380	1	Fitting, Straight ORB/FL	
10	2220375	1	Fitting, Straight ORB/FL	
12	2220468	1	Fitting, Straight ORB/FL	
13	2220578	1	Fitting, 90 JIC/ORB	
14	2220596	1	Fitting, 90 JIC/FL	
15	8770050	1	Fitting, 90 JIC/ORB	
17	2110406	2	Fitting, Straight ORFS/ORB	
18	2110606	4	Fitting, Straight ORFS/ORB	
19	2110808	6	Fitting, Straight ORFS/ORB	
20	2110812	8	Fitting, Straight ORFS/ORB	
21	2111616	4	Fitting, Straight ORFS/ORB	
22	2110404	4	Fitting, Straight ORFS/ORB	
23	2130808	6	Fitting, 90 ORFS/ORB	
24	2131616	3	Fitting, 90 ORFS/ORB	
25	2130604	1	Fitting, 90 ORFS/ORB	
26	2130406	2	Fitting, 90 ORFS/ORB	
27	2150406	2	Fitting, 45 ORFS/ORB	
29	2170408	2	Fitting, Tee ORFS/ORFS/ORB	
30	2170504	2	Fitting, Tee ORFS	
31	2220237	1	Plug	
42	2220451	1	Fitting, Straight JIC/ORB	
58	2220373	2	Fitting, Straight JIC/ORB	
60	2220940	1	Fitting, 90 ORB/FL	
61	2220466	3	Fitting, 90 ORB/FL	
62	2151616	1	Fitting, 90 ORFS/ORB	
64	2220371	2	Fitting, Straight JIC/ORB	
67	2130606	3	Fitting, 90 ORFS/ORB	
68	2220473	2	Fitting, 90 ORB/FL	
73	1001198338	1	Fitting, Tee ORFS/ORB	
74	1001215296	1	Fitting, 90 JIC/SORB	
100	1001270069	1	Arctic Towbar Hose Kit	
101	2753622	1	Hose	
102	2753686	2	Hose	
103	2753971	3	Hose	
104	2754337	2	Hose	
105	2754338	1	Hose	
106	1001198340	1	Hose	
107	2753626	1	Hose	
108	2753634	1	Hose	
200	1001270630	1	Front Hose Kit	
201	2753542	1	Hose	
202	2753628	2	Hose	

SECTION 7 - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
203	2753970	4	Hose	
204	2754512	2	Hose	
205	1001198333	2	Hose	
206	1001198341	1	Hose	
300	1001270090	1	Arctic Towbar Hose Kit	
301	2752434	1	Hose	
302	2752938	1	Hose	
306	1001188135	1	Hose	
307	2752495	1	Hose	
308	2752754	1	Hose	
309	1001151354	1	Hose	
400	1001270091	1	Arctic Towbar Hose Kit	
401	2751399	1	Hose	
402	2751500	1	Hose	
403	2752489	2	Hose	
407	1001156332	1	Hose	
408	1001156333	1	Hose	
409	2752997	1	Hose	

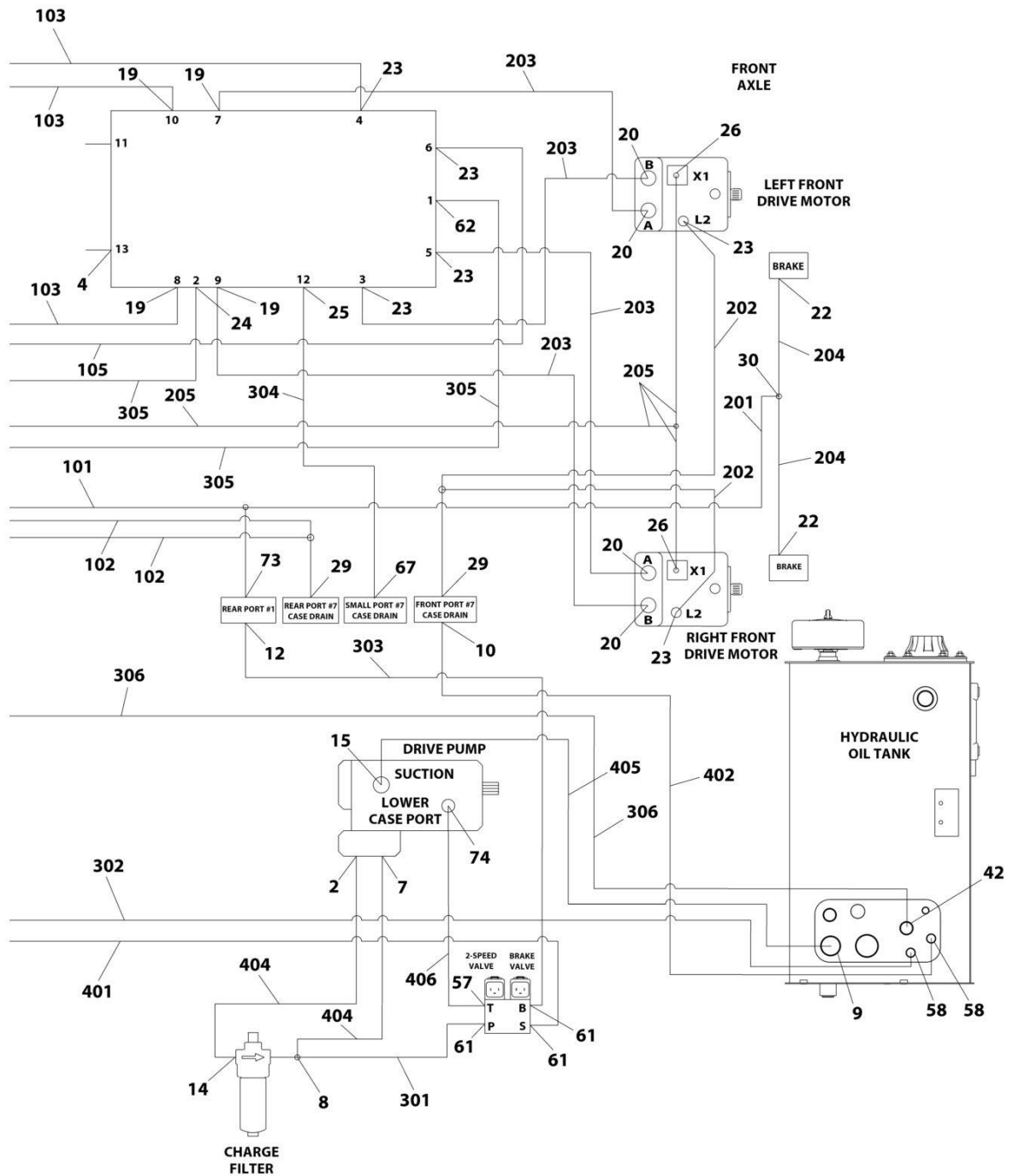
SECTION 7 - HYDRAULIC

FIGURE 7-5. HYDRAULIC DIAGRAM - DRIVE (4WD/2WS WITHOUT TOW PACKAGE/WITH ARCTIC PACKAGE)



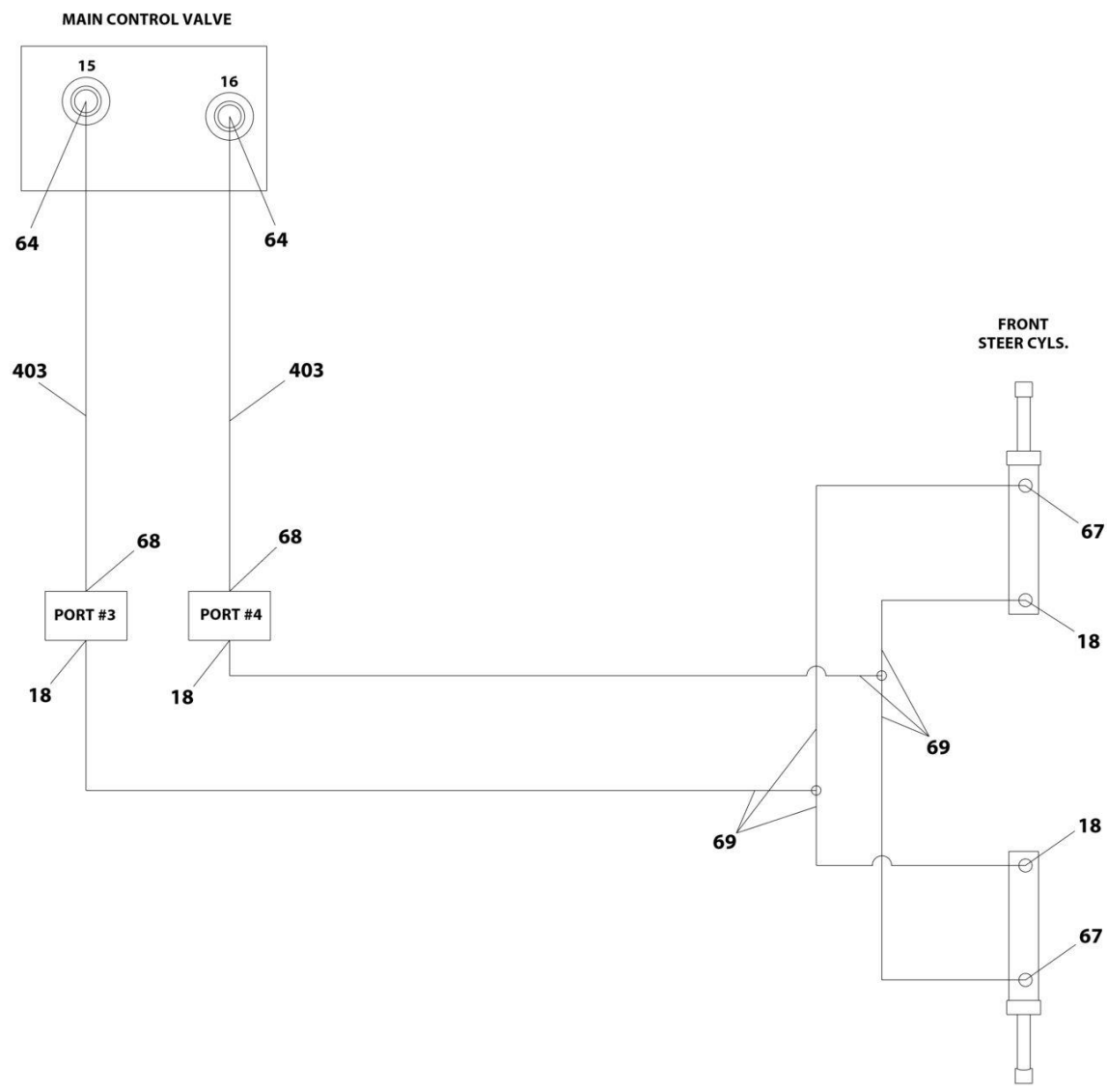
ART_1001178205_1OF3

SECTION 7 - HYDRAULIC



ART_1001178205_2OF3

SECTION 7 - HYDRAULIC



ART_1001178205_30F3

SECTION 7 - HYDRAULIC

FIGURE 7-5. HYDRAULIC DIAGRAM - DRIVE (4WD/2WS WITHOUT TOW PACKAGE/WITH ARCTIC PACKAGE)

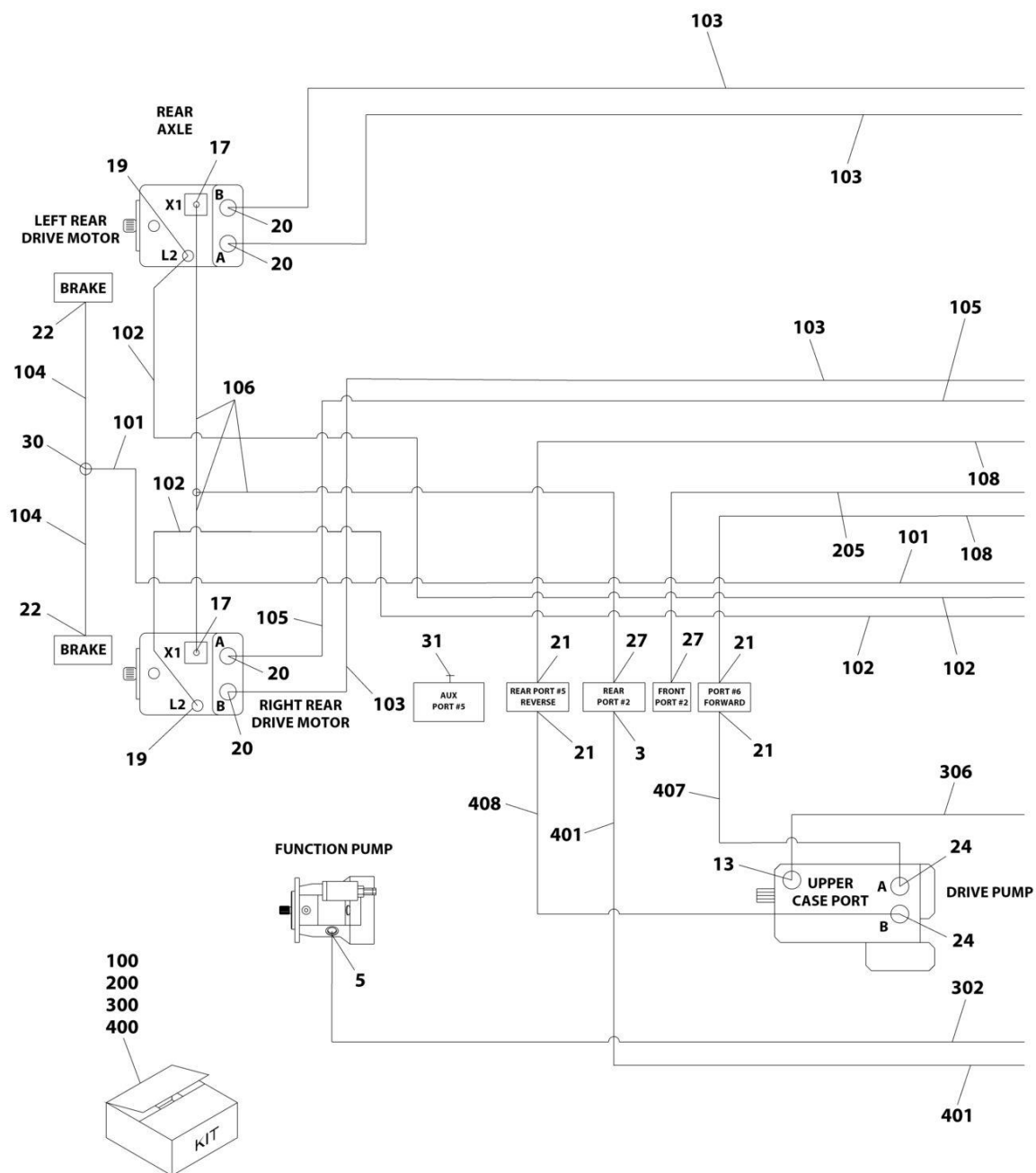
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178205	Ref	DRIVE HYDRAULIC DIAGRAM - 4WD/2WS	H
2	2220800	1	Fitting, Straight ORB/FL	
3	2220582	1	Fitting, Straight ORB/FL	
4	2220238	1	Plug	
5	2220671	1	Fitting, 90 JIC/ORB	
7	2220374	1	Fitting, Straight JIC/ORB	
8	1001199394	1	Fitting, Tee JIC/ORB/JIC	
9	2220380	1	Fitting, Straight ORB/FL	
10	2220375	1	Fitting, Straight ORB/FL	
12	2220468	1	Fitting, Straight ORB/FL	
13	2220578	1	Fitting, 90 JIC/ORB	
14	2220596	1	Fitting, 90 JIC/FL	
15	8770050	1	Fitting, 90 JIC/ORB	
17	2110406	2	Fitting, Straight ORFS/ORB	
18	2110606	4	Fitting, Straight ORFS/ORB	
19	2110808	6	Fitting, Straight ORFS/ORB	
20	2110812	8	Fitting, Straight ORFS/ORB	
21	2111616	4	Fitting, Straight ORFS/ORB	
22	2110404	4	Fitting, Straight ORFS/ORB	
23	2130808	6	Fitting, 90 ORFS/ORB	
24	2131616	3	Fitting, 90 ORFS/ORB	
25	2130604	1	Fitting, 90 ORFS/ORB	
26	2130406	2	Fitting, 90 ORFS/ORB	
27	2150406	2	Fitting, 45 ORFS/ORB	
29	2170408	2	Fitting, Tee ORFS/ORFS/ORB	
30	2170504	2	Fitting, Tee ORFS	
31	2220237	1	Plug	
42	2220451	1	Fitting, Straight JIC/ORB	
57	2220940	1	Fitting, 90 ORB/FL	
58	2220373	2	Fitting, Straight JIC/ORB	
61	2220466	3	Fitting, 90 ORB/FL	
62	2151616	1	Fitting, 90 ORFS/ORB	
64	2220371	2	Fitting, Straight JIC/ORB	
67	2130606	3	Fitting, 90 ORFS/ORB	
68	2220473	2	Fitting, 90 ORB/FL	
69	1001198333	2	Hose	
73	1001198338	1	Fitting, Tee ORFS/ORB	
74	1001215296	1	Fitting, 90 JIC/SORB	
100	1001270069	1	Arctic Towbar Hose Kit	
101	2753622	1	Hose	
102	2753686	2	Hose	
103	2753971	3	Hose	
104	2754337	2	Hose	
105	2754338	1	Hose	
106	1001198340	1	Hose	
200	1001270073	1	Arctic Towbar Hose Kit	
201	2753542	1	Hose	
202	2754720	2	Hose	
203	2754743	4	Hose	

SECTION 7 - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
204	1001106957	2	Hose	
205	1001204269	1	Hose	
300	1001270090	1	Arctic Towbar Hose Kit	
301	2752434	1	Hose	
302	2752938	1	Hose	
303	2752997	1	Hose	
304	2753626	1	Hose	
305	2753634	2	Hose	
306	1001188135	1	Hose	
400	1001270091	1	Arctic Towbar Hose Kit	
401	2751399	1	Hose	
402	2751500	1	Hose	
403	2752489	2	Hose	
404	2752495	2	Hose	
405	2752754	1	Hose	
406	1001151354	1	Hose	
407	1001156332	1	Hose	
408	1001156333	1	Hose	

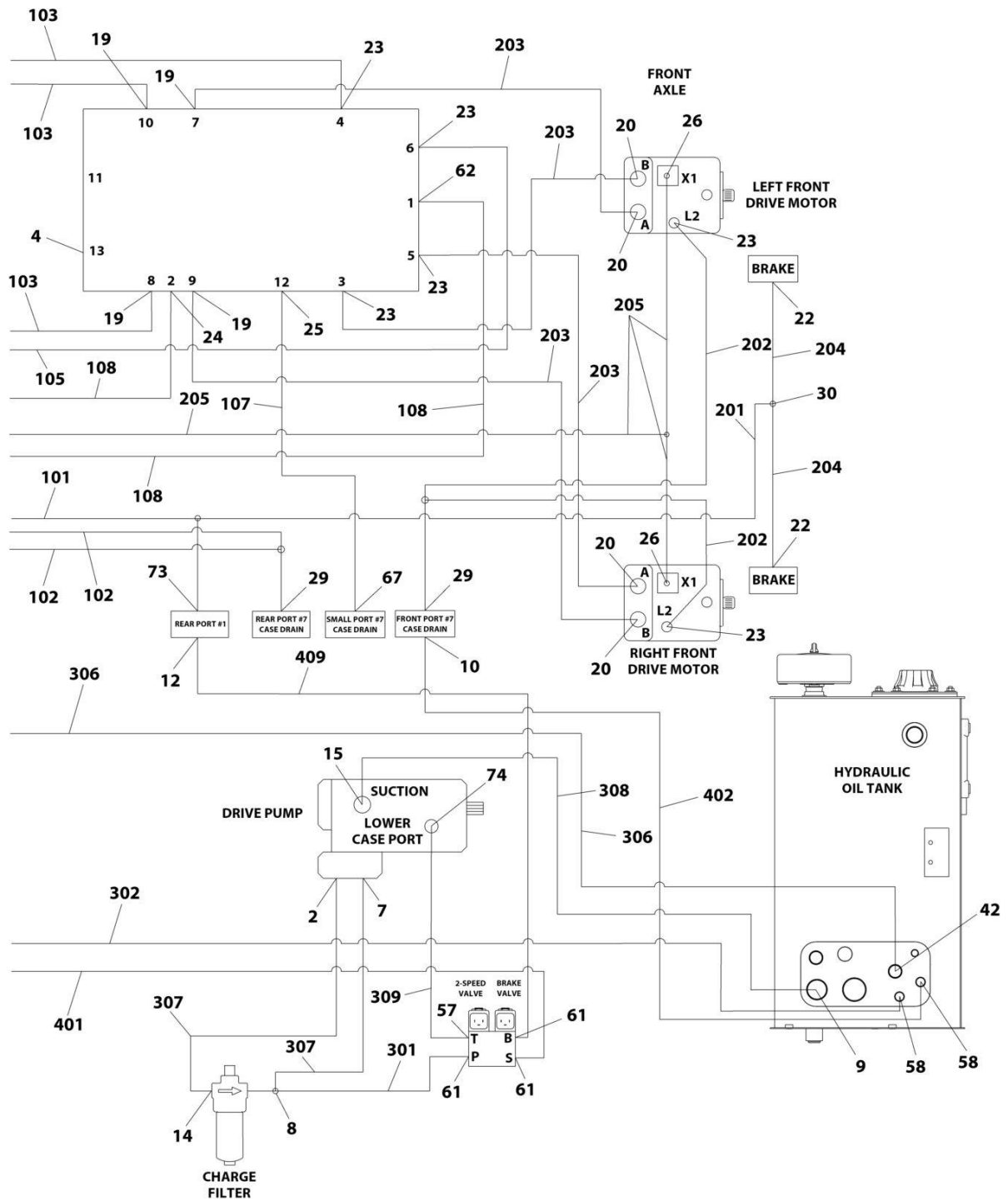
SECTION 7 - HYDRAULIC

FIGURE 7-6. HYDRAULIC DIAGRAM - DRIVE (4WD/2WS WITH TOW PACKAGE/WITHOUT ARCTIC PACKAGE)



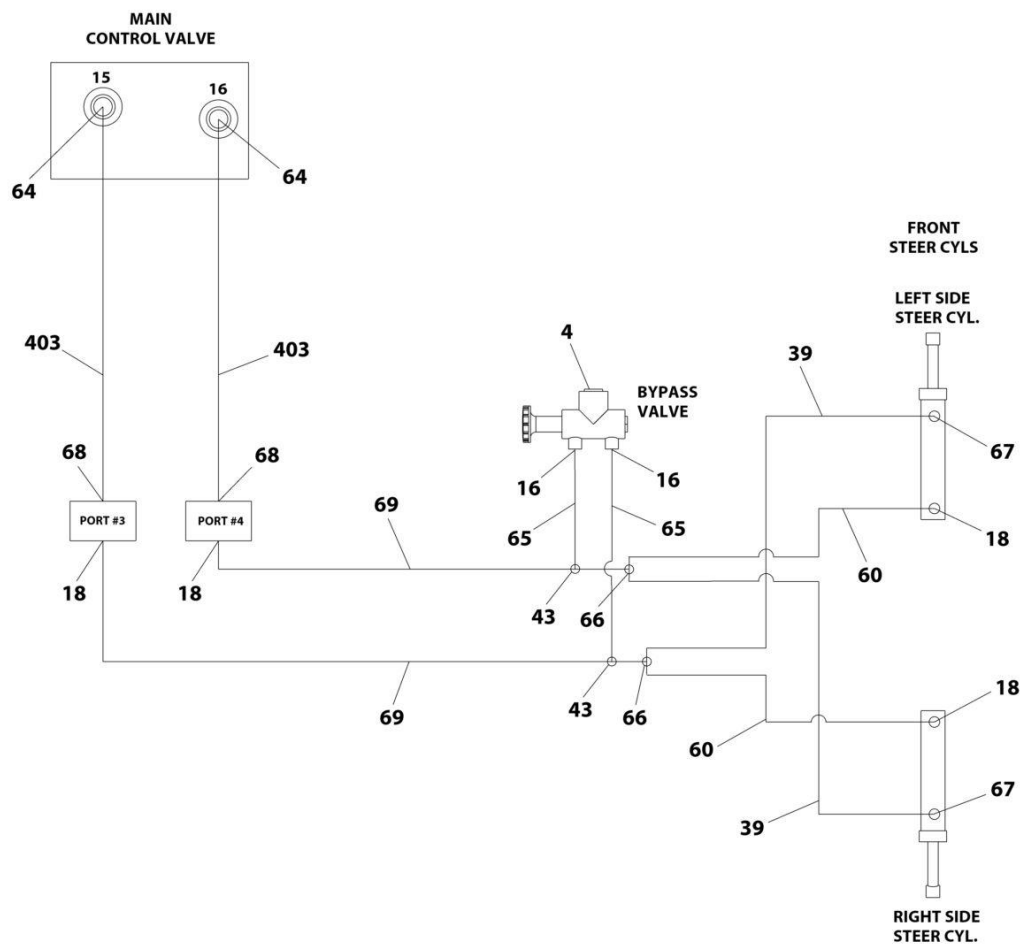
ART_1001217196_1OF3

SECTION 7 - HYDRAULIC



ART_1001217196_20F3

SECTION 7 - HYDRAULIC



ART_1001217196_3OF3

SECTION 7 - HYDRAULIC

FIGURE 7-6. HYDRAULIC DIAGRAM - DRIVE (4WD/2WS WITH TOW PACKAGE/WITHOUT ARCTIC PACKAGE)

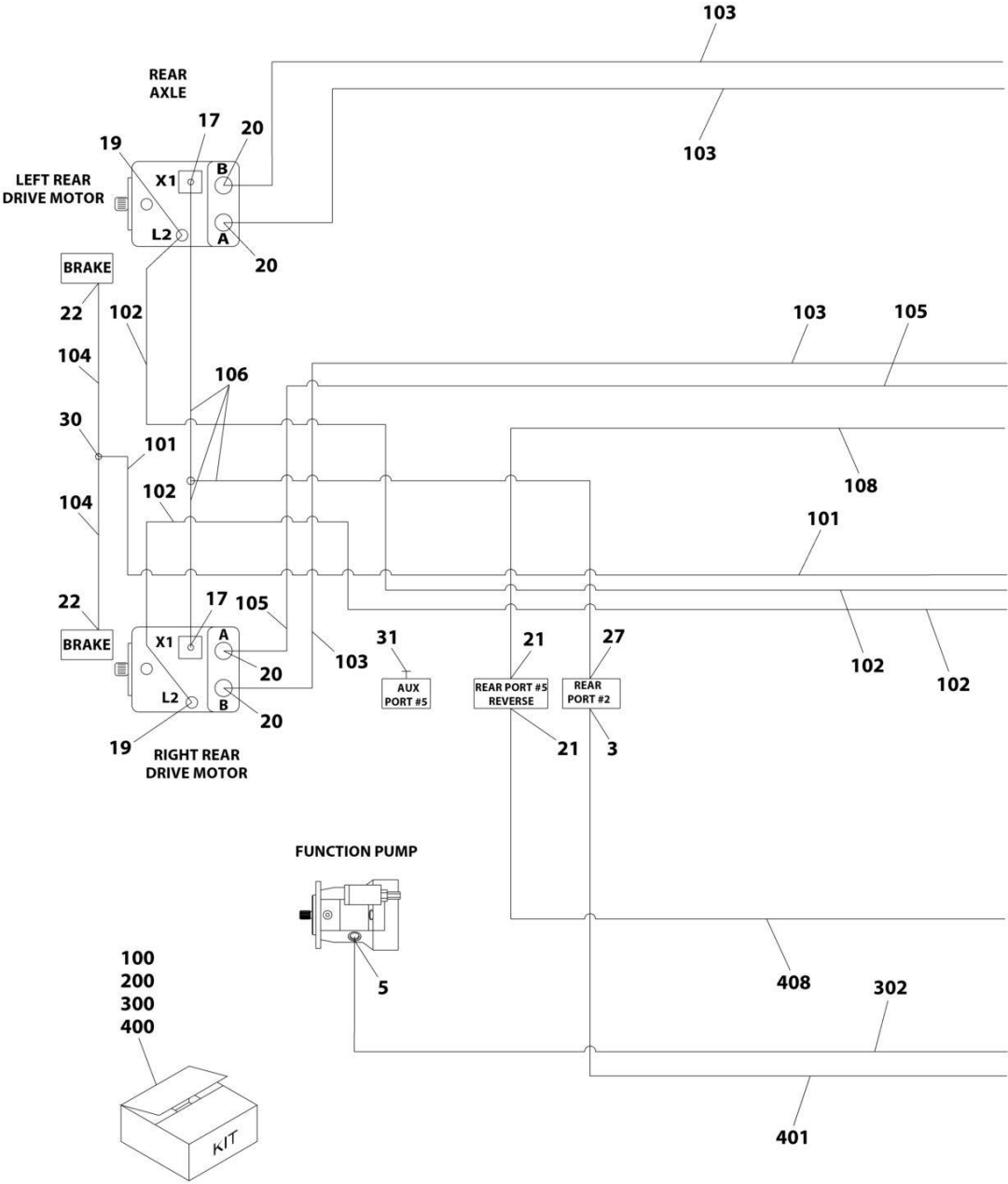
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217196	Ref	Drive Hydraulic Diagram - 4WD/2WS	D
2	2220800	1	Fitting, Straight ORB/FL	
3	2220582	1	Fitting, Straight ORB/FL	
4	2220238	2	Plug	
5	2220671	1	Fitting, 90 JIC/ORB	
7	2220374	1	Fitting, Straight JIC/ORB	
8	1001199394	1	Fitting, Tee JIC/ORB/JIC	
9	2220380	1	Fitting, Straight ORB/FL	
10	2220375	1	Fitting, Straight ORB/FL	
12	2220468	1	Fitting, Straight ORB/FL	
13	2220578	1	Fitting, 90 JIC/ORB	
14	2220596	1	Fitting, 90 ORB/FL	
15	8770050	1	Fitting, 90 JIC/ORB	
16	2110608	2	Fitting, Straight ORFS/ORB	
17	2110406	2	Fitting, Straight ORFS/ORB	
18	2110606	4	Fitting, Straight ORFS/ORB	
19	2110808	6	Fitting, Straight ORFS/ORB	
20	2110812	8	Fitting, Straight ORFS/OBS	
21	2131616	4	Fitting, 90 ORFS/ORB	
22	2110404	4	Fitting, Straight ORFS/ORB	
23	2130808	6	Fitting, 90 ORFS/ORB	
24	2111616	3	Fitting, Straight ORFS/ORB	
25	2130604	1	Fitting, 90 ORFS/OBS	
26	2130406	2	Fitting, 90 ORFS/OBS	
27	2150406	2	Fitting, 45 ORFS/ORB	
29	2170408	2	Fitting, Tee ORFS/ORFS/OBS	
30	2170504	2	Fitting, Tee ORFS	
31	2220237	1	Plug	
39	2753656	2	Hose	
42	2220451	1	Fitting, Straight JIC/ORB	
43	2170706	2	Fitting, Tee - ORFS/ORFS/ORFS	
57	2220940	1	Fitting, 90 ORB/FL	
58	2220373	2	Fitting, Straight JIC/ORB	
60	1001159340	2	Hose	
61	2220466	3	Fitting, 90 ORB/FL	
62	2151616	1	Fitting, 45 ORFS/ORB	
64	2220371	2	Fitting, Straight JIC/ORB	
65	2753879	2	Hose	
66	2170506	2	Fitting, Tee ORFS/ORFS/ORFS	
67	2130606	3	Fitting, 90 ORFS/ORB	
68	2220473	2	Fitting, 90 ORB/FL	
69	2753732	2	Hose	
73	1001198338	1	Fitting, Tee ORFS/ORB	
74	1001215296	1	Fitting, 90 JIC/SORB	
100	1001270069	1	Arctic Towbar Hose Kit	
101	2753622	1	Hose	
102	2753686	2	Hose	
103	2753971	3	Hose	
104	2754337	2	Hose	

SECTION 7 - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
105	2754338	1	Hose	
106	1001198340	1	Hose	
107	2753626	1	Hose	
108	2753634	1	Hose	
200	1001270073	1	Arctic Towbar Hose Kit	
201	2753542	1	Hose	
202	2754720	2	Hose	
203	2754743	4	Hose	
204	1001106957	2	Hose	
205	1001204269	1	Hose	
300	1001270090	1	Arctic Towbar Hose Kit	
301	2752434	1	Hose	
302	2752938	1	Hose	
306	1001188135	1	Hose	
307	2752495	1	Hose	
308	2752754	1	Hose	
309	1001151354	1	Hose	
400	1001270091	1	Arctic Towbar Hose Kit	
401	2751399	1	Hose	
402	2751500	1	Hose	
403	2752489	2	Hose	
407	1001156332	1	Hose	
408	1001156333	1	Hose	
409	2752997	1	Hose	

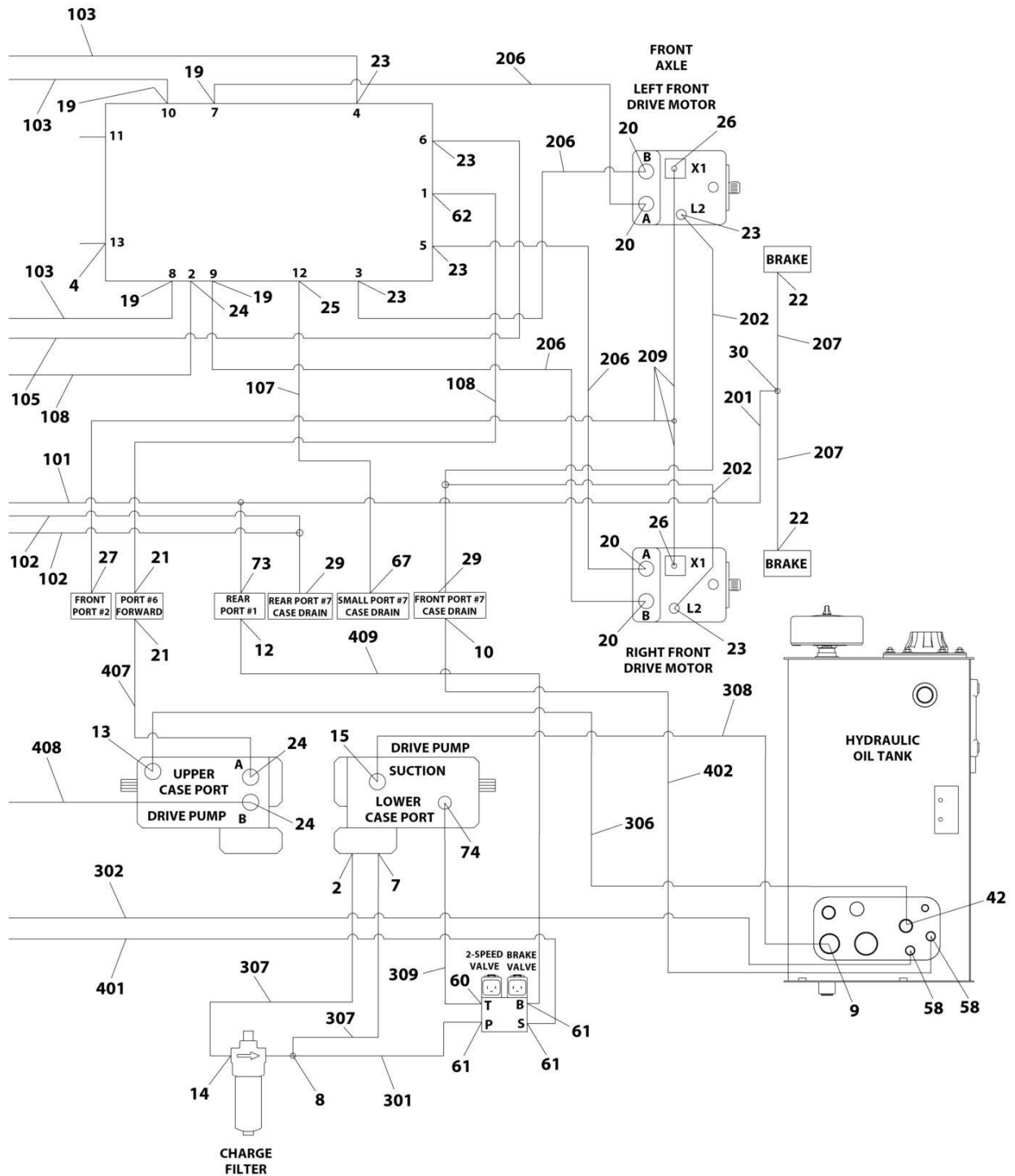
SECTION 7 - HYDRAULIC

FIGURE 7-7. HYDRAULIC DIAGRAM - DRIVE (4WD/2WS WITH TOW PACKAGE/WITH ARCTIC PACKAGE)



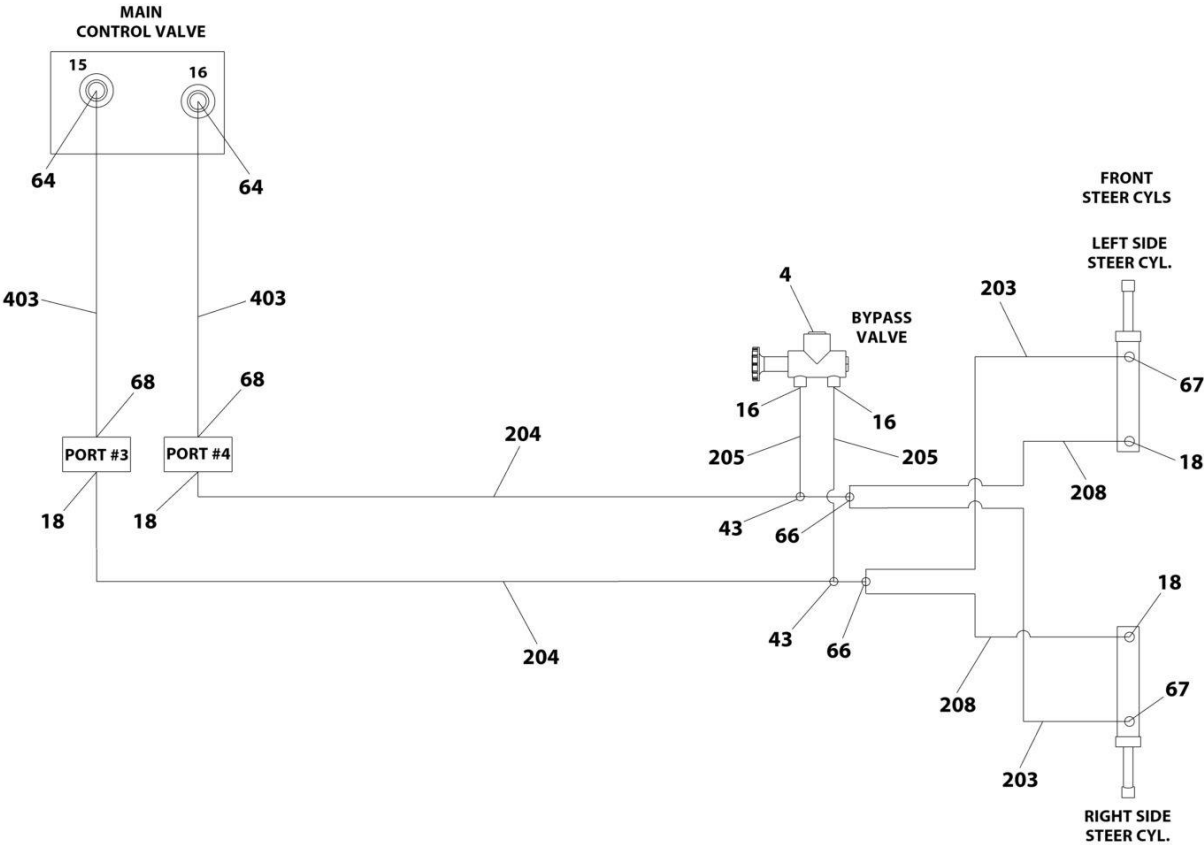
ART_1001217195_1OF3

SECTION 7 - HYDRAULIC



ART_1001217195_2OF3

SECTION 7 - HYDRAULIC



ART_1001217195_3OF3

SECTION 7 - HYDRAULIC

FIGURE 7-7. HYDRAULIC DIAGRAM - DRIVE (4WD/2WS WITH TOW PACKAGE/WITH ARCTIC PACKAGE)

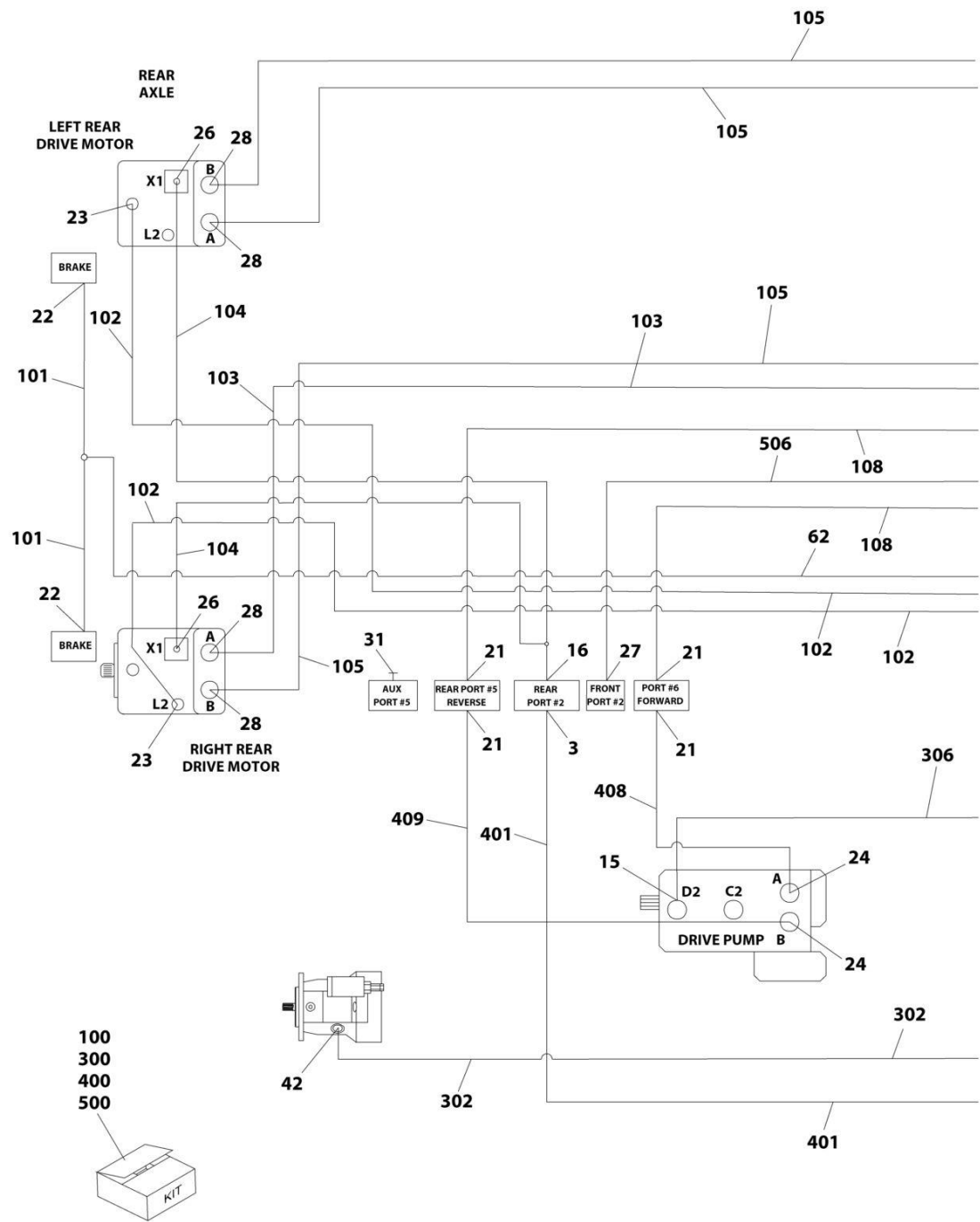
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217195	Ref	HYDRAULIC DIAGRAM - DRIVE (4WD/2WS)	D
2	2220800	1	Fitting, Straight ORB/FL	
3	2220582	1	Fitting, Straight ORB/FL	
4	2220238	2	Plug	
5	2220671	1	Fitting, 90 JIC/ORB	
7	2220374	1	Fitting, Straight JIC/ORB	
8	1001199394	1	Fitting, Tee JIC/ORB/JIC	
9	2220380	1	Fitting, Straight ORB/FL	
10	2220375	1	Fitting, Straight ORB/FL	
12	2220468	1	Fitting, Straight ORB/FL	
13	2220578	1	Fitting, 90 JIC/ORB	
14	2220596	1	Fitting, 90 ORB/FL	
15	8770050	1	Fitting, 90 JIC/ORB	
16	2110608	2	Fitting, Straight ORFS/ORB	
17	2110406	2	Fitting, Straight ORFS/ORB	
18	2110606	4	Fitting, Straight ORFS/ORB	
19	2110808	6	Fitting, Straight ORFS/ORB	
20	2110812	8	Fitting, Straight ORFS/OBS	
21	2131616	4	Fitting, 90 ORFS/ORB	
22	2110404	4	Fitting, Straight ORFS/ORB	
23	2130808	6	Fitting, 90 ORFS/ORB	
24	2111616	3	Fitting, Straight ORFS/ORB	
25	2130604	1	Fitting, 90 ORFS/OBS	
26	2130406	2	Fitting, 90 ORFS/OBS	
27	2150406	2	Fitting, 45 ORFS/ORB	
29	2170408	2	Fitting, Tee ORFS/ORFS/OBS	
30	2170504	2	Fitting, Tee ORFS	
31	2220237	1	Plug	
42	2220451	1	Fitting, Straight JIC/ORB	
43	2170706	2	Fitting, Tee - ORFS/ORFS/ORFS	
58	2220373	2	Fitting, Straight JIC/ORB	
60	2220940	1	Fitting, 90 ORB/FL	
61	2220466	3	Fitting, 90 ORB/FL	
62	2151616	1	Fitting, 45 ORFS/ORB	
64	2220371	2	Fitting, Straight JIC/ORB	
66	2170506	2	Fitting, Tee ORFS/ORFS/ORFS	
67	2130606	3	Fitting, 90 ORFS/ORB	
68	2220473	2	Fitting, 90 ORB/FL	
73	1001198338	1	Fitting, Tee ORFS/ORB	
74	1001215296	1	Fitting, 90 JIC/SORB	
100	1001270069	1	Arctic Twobar Hose Kit	
101	2753622	1	Hose	
102	2753686	2	Hose	
103	2753971	3	Hose	
104	2754337	2	Hose	
105	2754338	1	Hose	
106	1001198340	1	Hose	
107	2753626	1	Hose	
108	2753634	1	Hose	

SECTION 7 - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
200	1001270096	1	Towbar Front Hose Kit	
201	2753542	1	Hose	
202	2753628	2	Hose	
203	2753656	2	Hose	
204	2753732	2	Hose	
205	2753879	2	Hose	
206	2753970	4	Hose	
207	2754512	2	Hose	
208	1001159340	2	Hose	
209	1001198341	1	Hose	
300	1001270090	1	Arctic Twobar Hose Kit	
301	2752434	1	Hose	
302	2752938	1	Hose	
306	1001188135	1	Hose	
307	2752495	1	Hose	
308	2752754	1	Hose	
309	1001151354	1	Hose	
400	1001270091	1	Arctic Twobar Hose Kit	
401	2751399	1	Hose	
402	2751500	1	Hose	
403	2752489	2	Hose	
407	1001156332	1	Hose	
408	1001156333	1	Hose	
409	2752997	1	Hose	

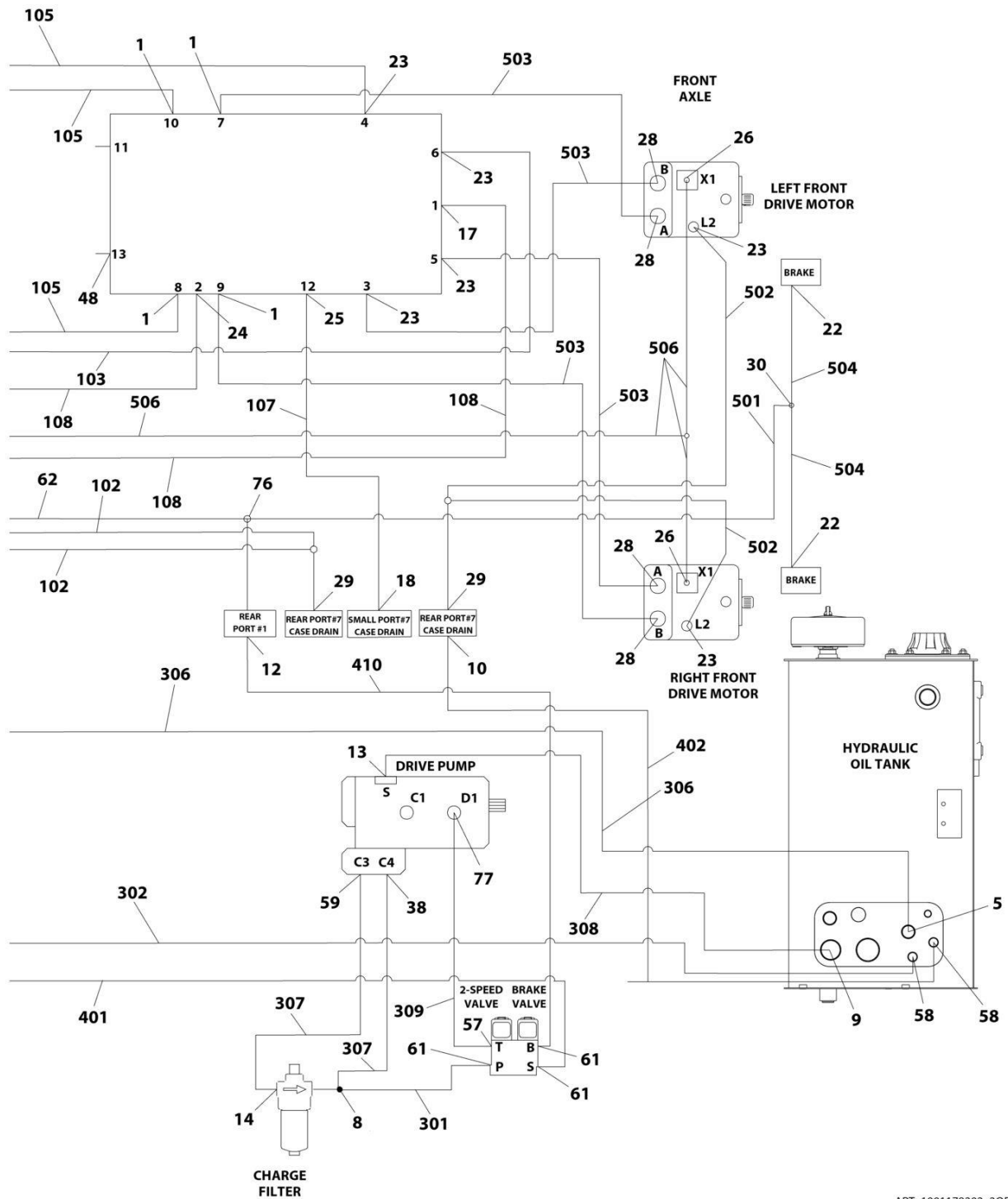
SECTION 7 - HYDRAULIC

FIGURE 7-8. HYDRAULIC DIAGRAM - DRIVE (4WD/4WS WITHOUT TOW PACKAGE/WITHOUT ARCTIC PACKAGE)



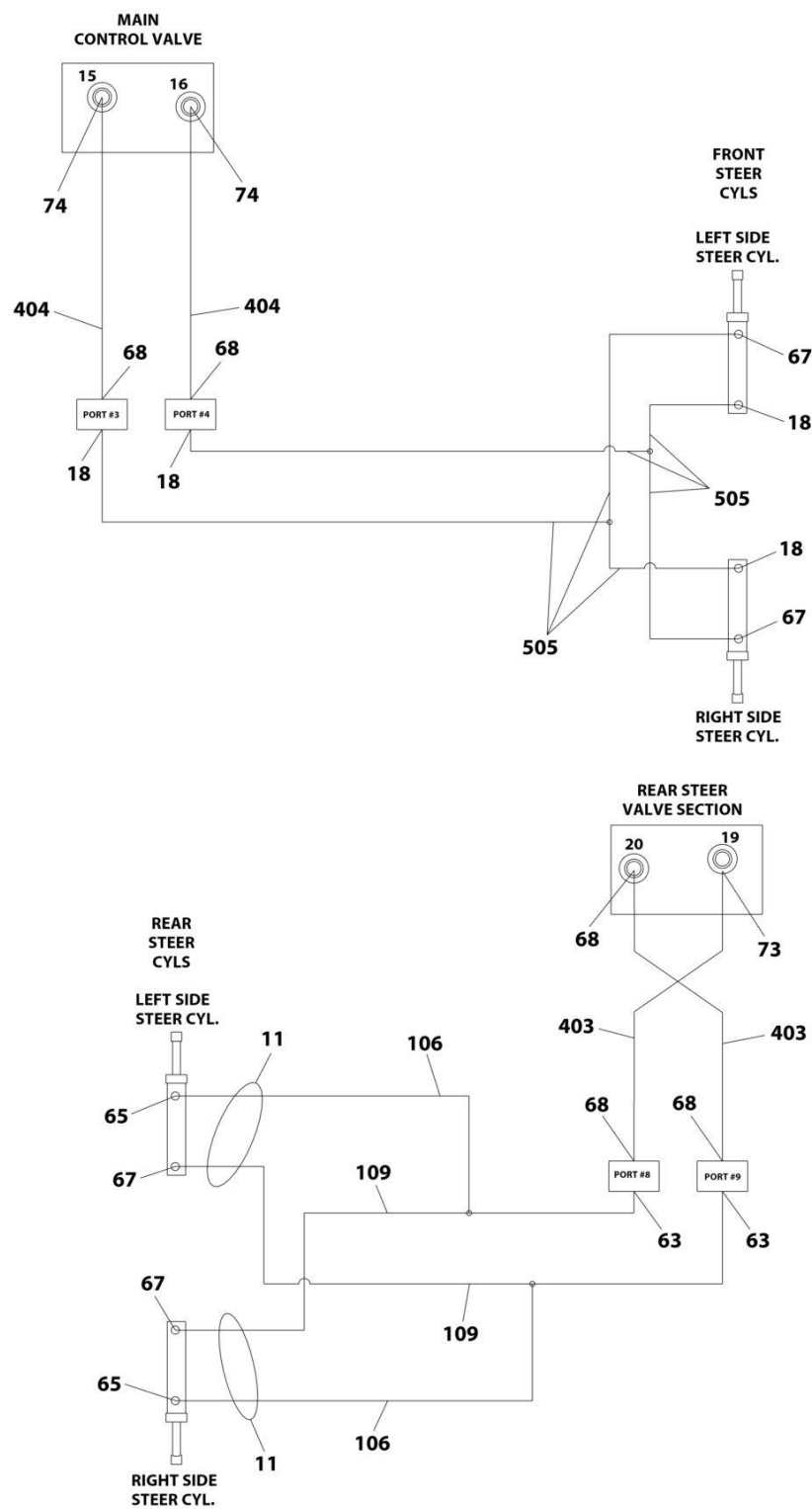
ART_1001178202_1OF3

SECTION 7 - HYDRAULIC



ART_1001178202_2OF3

SECTION 7 - HYDRAULIC



ART_1001178202_3OF3

SECTION 7 - HYDRAULIC

FIGURE 7-8. HYDRAULIC DIAGRAM - DRIVE (4WD/4WS WITHOUT TOW PACKAGE/WITHOUT ARCTIC PACKAGE)

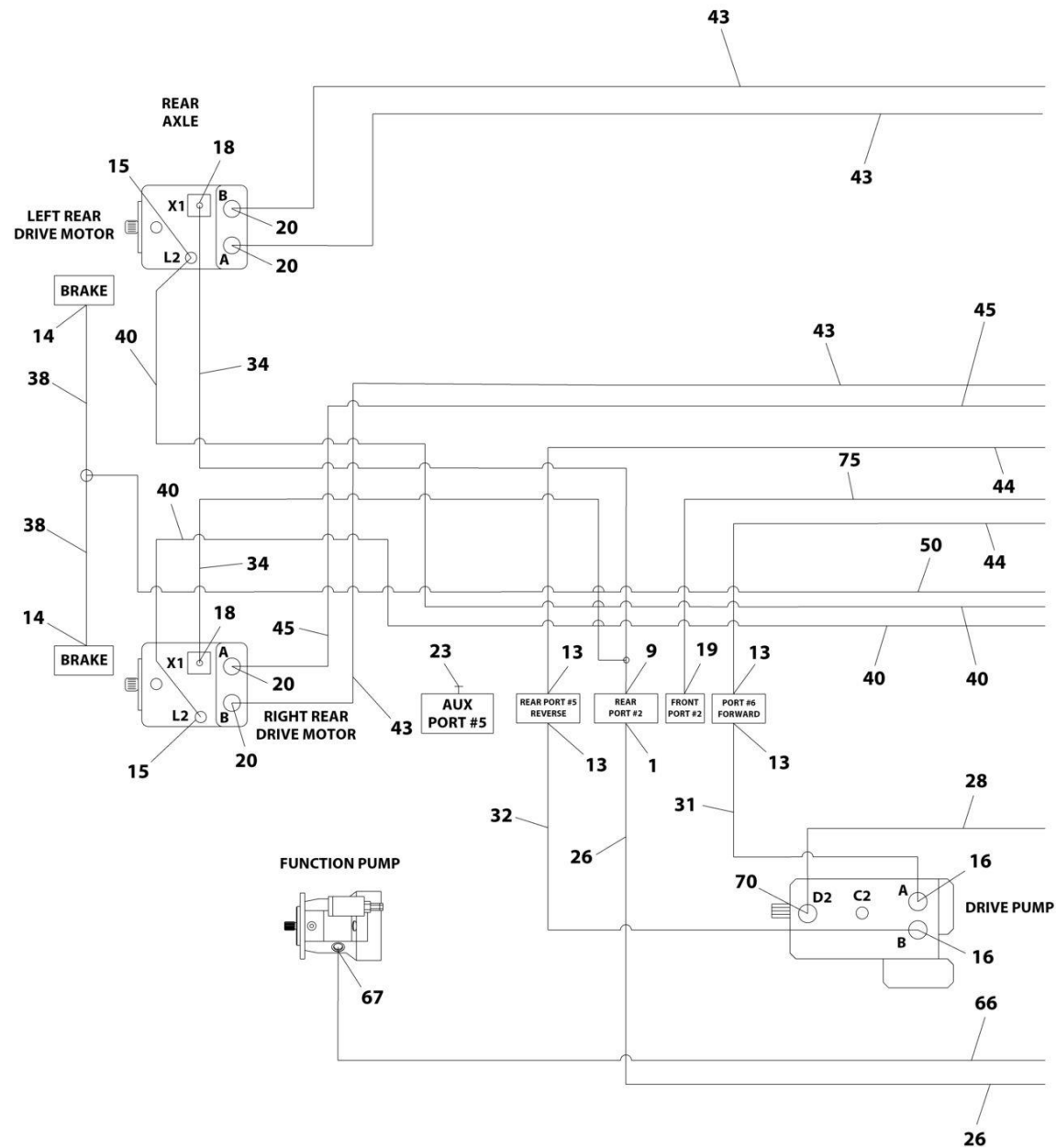
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178202	Ref	DRIVE HYDRAULIC DIAGRAM	J
1	2110808	4	Fitting, Straight ORFS/ORB	
3	2220582	1	Fitting, Straight ORB/JIC	
5	2220451	1	Fitting, Straight ORB/JIC	
8	1001199394	1	Fitting, Tee JIC/ORB/JIC	
9	2220380	1	Fitting, Straight ORB/JIC	
10	2220375	1	Fitting, Straight ORB/JIC	
11	4100026	2 ft/ 1m	Sleeve	
12	2220468	1	Fitting, Straight ORB/JIC	
13	8770050	1	Fitting, 90 JIC/ORB	
14	2220596	1	Fitting, 90 ORB/JIC	
15	2220578	1	Fitting, 90 JIC/ORB	
16	2170350	1	Fitting, Tee ORFS/ORFS/OBS	
17	2151616	1	Fitting, 45 ORFS/OBS	
18	2110606	5	Fitting, Straight ORFS/OBS	
21	2111616	4	Fitting, Straight ORFS/OBS	
22	2110404	4	Fitting, Straight ORFS/OBS	
23	2130808	8	Fitting, 90 ORFS/OBS	
24	2131616	3	Fitting, 90 ORFS/OBS	
25	2130604	1	Fitting, 90 ORFS/OBS	
26	2130406	4	Fitting, 90 ORFS/OBS	
27	2150406	1	Fitting, 45 ORFS/OBS	
28	2110812	8	Fitting, 45 ORFS/OBS	
29	2170408	2	Fitting, Tee ORFS/ORFS/OBS	
30	2170504	1	Fitting, Tee ORFS/ORFS/ORFS	
31	2220237	1	Plug	
38	2220374	1	Fitting, Straight	
42	2220671	1	Fitting, 90 JIC/ORB	
48	2220238	1	Plug ORB	
57	2220940	1	Fitting, 90 JIC/JIC	
58	2220373	2	Fitting, Straight ORB/JIC	
59	2220800	1	Sitting, Straight ORB/ORB	
61	2220466	3	Fitting, 90 ORB/JIC	
62	2170804	1	Fitting, Tee ORFS/ORB/ORFS	
63	2170306	2	Fitting, Tee ORFS/ORB/ORFS	
65	2150606	2	Fitting, 45 ORFS/ORB	
67	2130606	4	Fitting, 90 ORFS/ORB	
68	2220473	5	Fitting, 90 ORB/JIC	
73	2220819	1	Fitting, 90 JIC/ORB	
74	2220371	2	Fitting, Straight ORB/JIC	
76	1001198338	1	Fitting, Tee ORFS/ORB	
77	1001215296	1	Fitting, 90 JIC/SORB	
100	1001270093	1	Rear Hose Kit	
101	2753544	2	Hose	
102	2753753	2	Hose	
103	2753971	1	Hose	
104	1001159338	2	Hose	
105	1001159339	3	Hose	
106	2717235	1	Hose	

SECTION 7 - HYDRAULIC

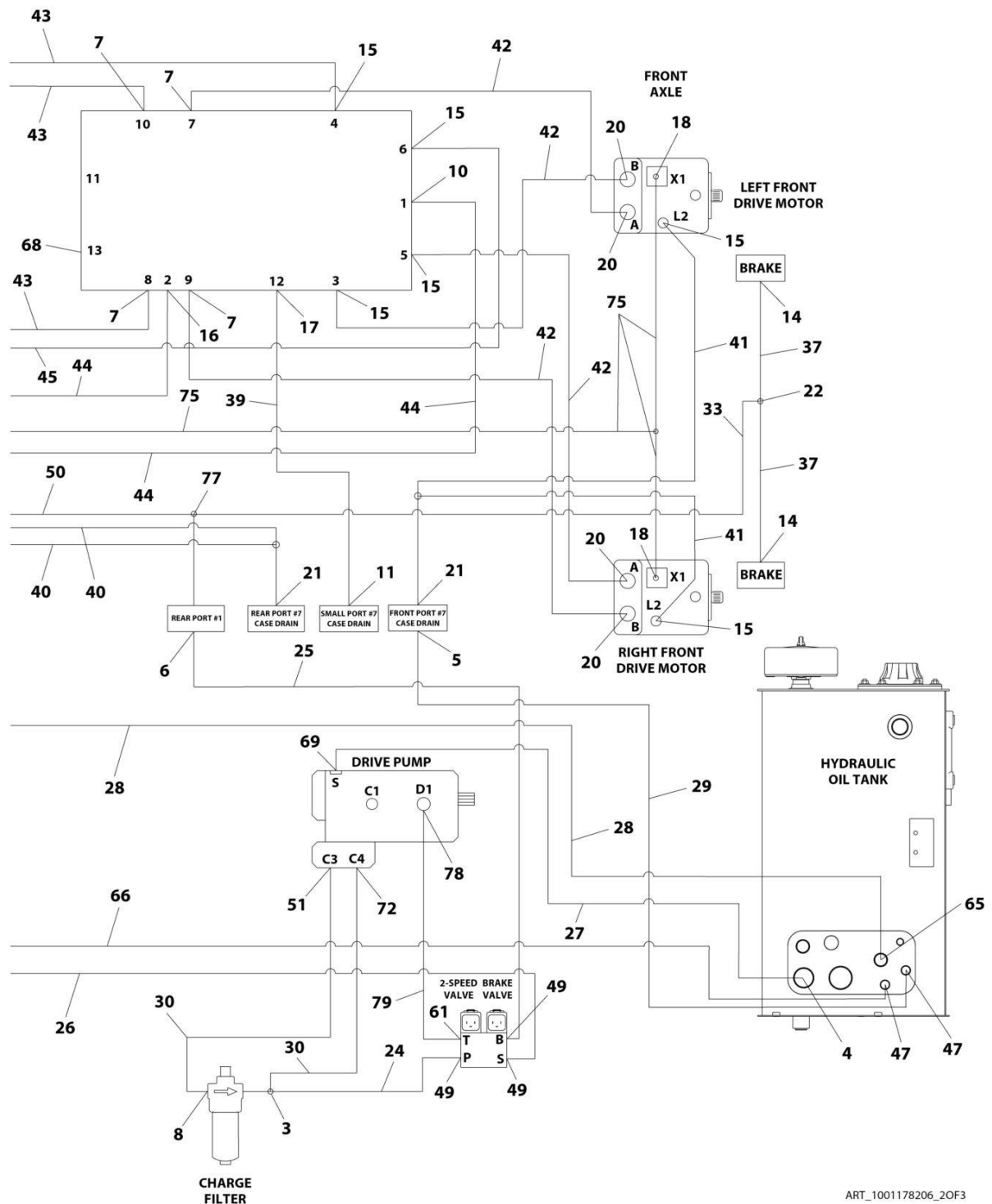
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
107	2753626	1	Hose	
108	2753634	1	Hose	
109	2753727	1	Hose	
300	1001270090	1	Arctic Towbar Hose Kit	
301	2752434	1	Hose	
302	2752938	1	Hose	
306	1001188135	1	Hose	
307	2752495	1	Hose	
308	2752754	1	Hose	
309	1001151354	1	Hose	
400	1001272112	1	4WD/4WS Hose Kit	
401	2751399	1	Hose	
402	2751500	1	Hose	
403	2752466	2	Hose	
404	2752489	2	Hose	
408	1001156332	1	Hose	
409	1001156333	1	Hose	
410	2752997	1	Hose	
500	1001270630	1	Front Hose Kit	
501	2753542	1	Hose	
502	2753628	1	Hose	
503	2753970	1	Hose	
504	2754512	1	Hose	
505	1001198333	1	Hose	
506	1001198341	1	Hose	

SECTION 7 - HYDRAULIC

FIGURE 7-9. HYDRAULIC DIAGRAM - DRIVE (4WD/4WS WITHOUT TOW PACKAGE/WITH ARCTIC PACKAGE)

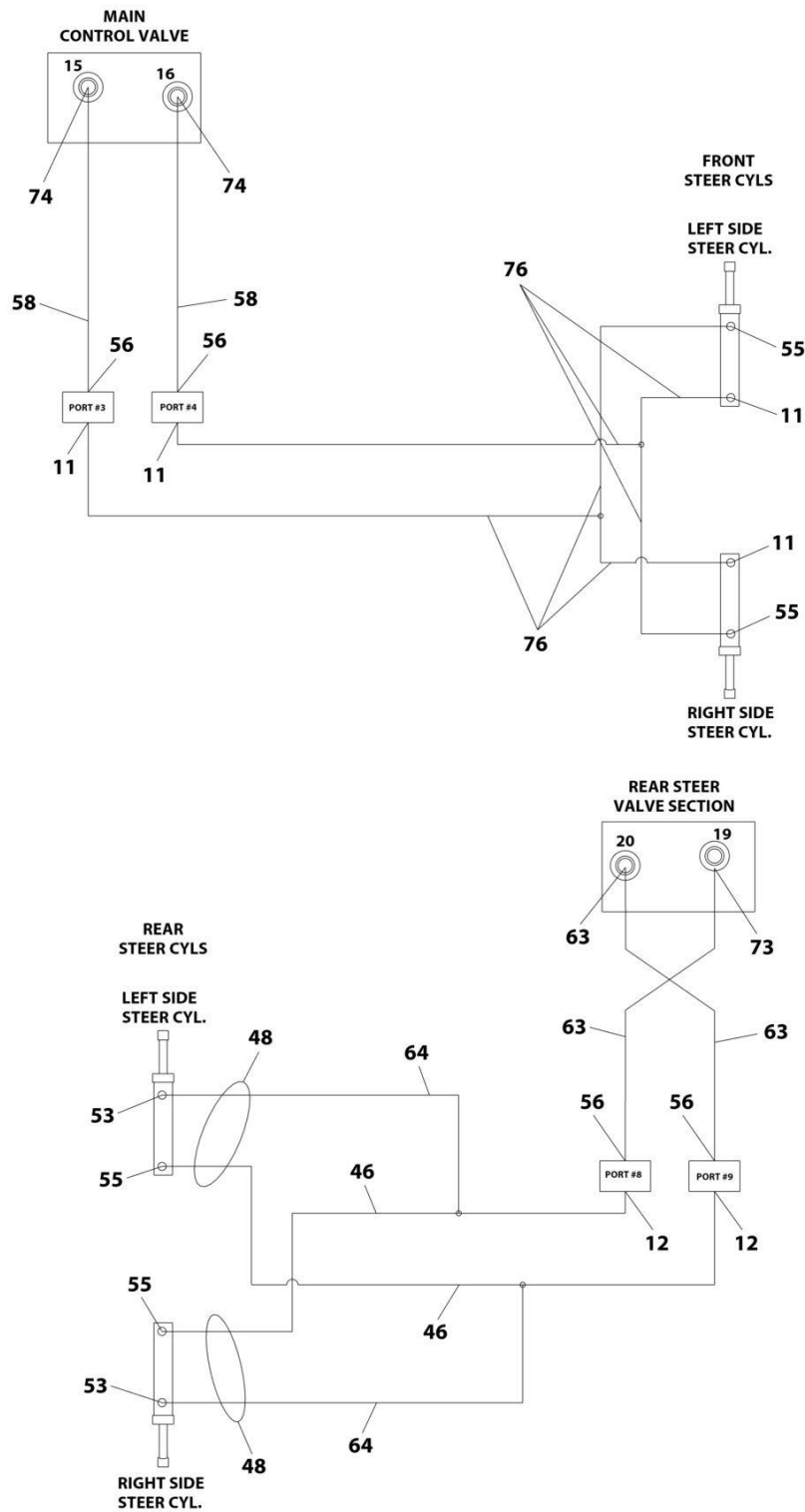


SECTION 7 - HYDRAULIC



ART_1001178206_2OF3

SECTION 7 - HYDRAULIC



ART_1001178206_3OF3

SECTION 7 - HYDRAULIC

FIGURE 7-9. HYDRAULIC DIAGRAM - DRIVE (4WD/4WS WITHOUT TOW PACKAGE/WITH ARCTIC PACKAGE)

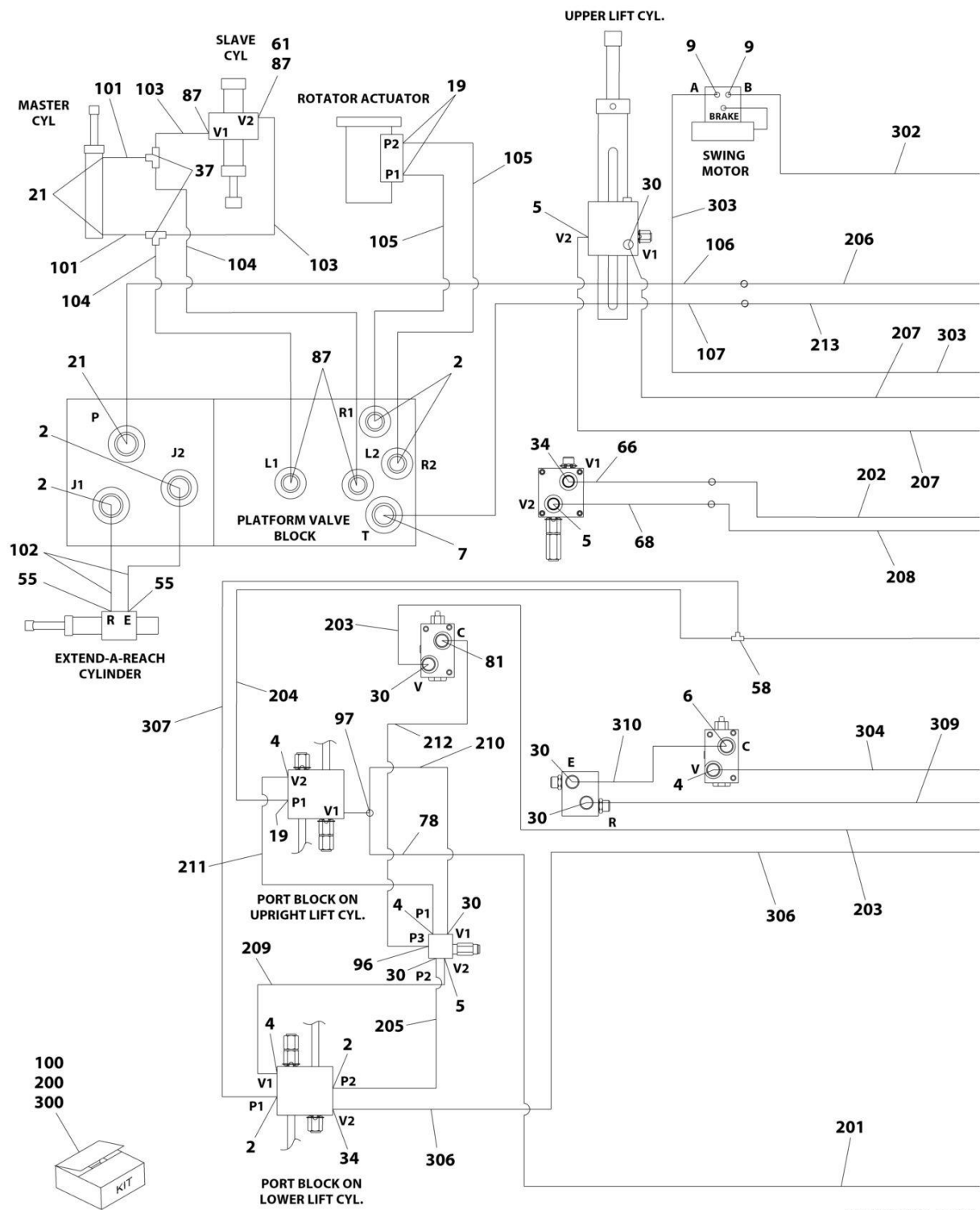
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178206	1	DRIVE HYDRAULIC DIAGRAM - 4WD/4WS	I
1	2220582	1	Fitting, Straight ORB/FL	
3	1001199394	1	Fitting, Tee JIC/ORB/JIC	
4	2220380	1	Fitting, Straight ORB/FL	
5	2220375	1	Fitting, Straight ORB/FL	
6	2220468	1	Fitting, Straight ORB/FL	
7	2110808	4	Fitting, Straight ORFS/ORB	
8	2220596	1	Fitting, 90 ORB/FL	
9	2170350	1	Fitting, Tee ORFS/ORFS/ORB	
10	2151616	1	Fitting, 45 ORFS/ORB	
11	2110606	5	Fitting, Straight ORFS/ORB	
12	2170306	2	Fitting	
13	2111616	4	Fitting, Straight ORFS/ORB	
14	2110404	4	Fitting, Straight ORFS/ORB	
15	2130808	8	Fitting, 90 ORFS/ORB	
16	2131616	3	Fitting, 90 ORFS/ORB	
17	2130604	1	Fitting, 90 ORFS/ORB	
18	2130406	4	Fitting, 90 ORFS/ORB	
19	2150406	1	Fitting, 45 ORFS/ORB	
20	2110812	8	Fitting, Straight ORFS/ORB	
21	2170408	2	Fitting, Tee ORFS/ORFS/OBS	
22	2170504	1	Fitting, Tee ORFS	
23	2220237	1	Plug	
24	2752434	1	Hose	
25	2752997	1	Hose	
26	2751399	1	Hose	
27	2752754	1	Hose	
28	1001188135	1	Hose	
29	2751500	1	Hose	
30	2752495	2	Hose	
31	1001156332	1	Hose	
32	1001156333	1	Hose	
33	2753542	1	Hose	
34	1001159306	2	Hose	
37	1001106957	2	Hose	
38	1001159305	2	Hose	
39	2753626	1	Hose	
40	1001159304	2	Hose	
41	2754720	2	Hose	
42	2754743	4	Hose	
43	1001159295	3	Hose	
44	2753634	2	Hose	
45	1001159293	1	Hose	
46	2753727	2	Hose	
47	2220373	2	Fitting, Straight JIC/ORB	
48	4100026	2 ft/ 0.61m	Sleeve	
49	2220466	3	Fitting, 90 ORB/FL	
50	2170804	1	Fitting	

SECTION 7 - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
51	2220800	1	Fitting, Straight ORB/FL	
53	2150606	2	Fitting	
55	2130606	4	Fitting, 90 ORFS/ORB	
56	2220473	5	Fitting, 90 ORB/FL	
58	2752489	2	Hose	
61	2220940	1	Fitting, 90 ORB/FL	
63	2752466	2	Hose	
64	2717235	2	Hose	
65	2220451	1	Fitting, Straight JIC/ORB	
66	2752938	1	Hose	
67	2220671	1	Fitting, 90 JIC/ORB	
68	2220238	1	Plug	
69	8770050	1	Fitting, 90 JIC/ORB	
70	2220578	1	Fitting, 90 JIC/ORB	
72	2220374	1	Fitting, Straight JIC/ORB	
73	2220819	1	Fitting, Tee ORFS/ORFS/OBS	
74	2220371	2	Fitting, Straight JIC/ORB	
75	1001204269	1	Hose	
76	1001198333	2	Hose	
77	1001198338	1	Fitting, Tee ORFS/ORB	
78	1001215296	1	Fitting, 90 JIC/SORB	
79	1001151354	1	Hose	

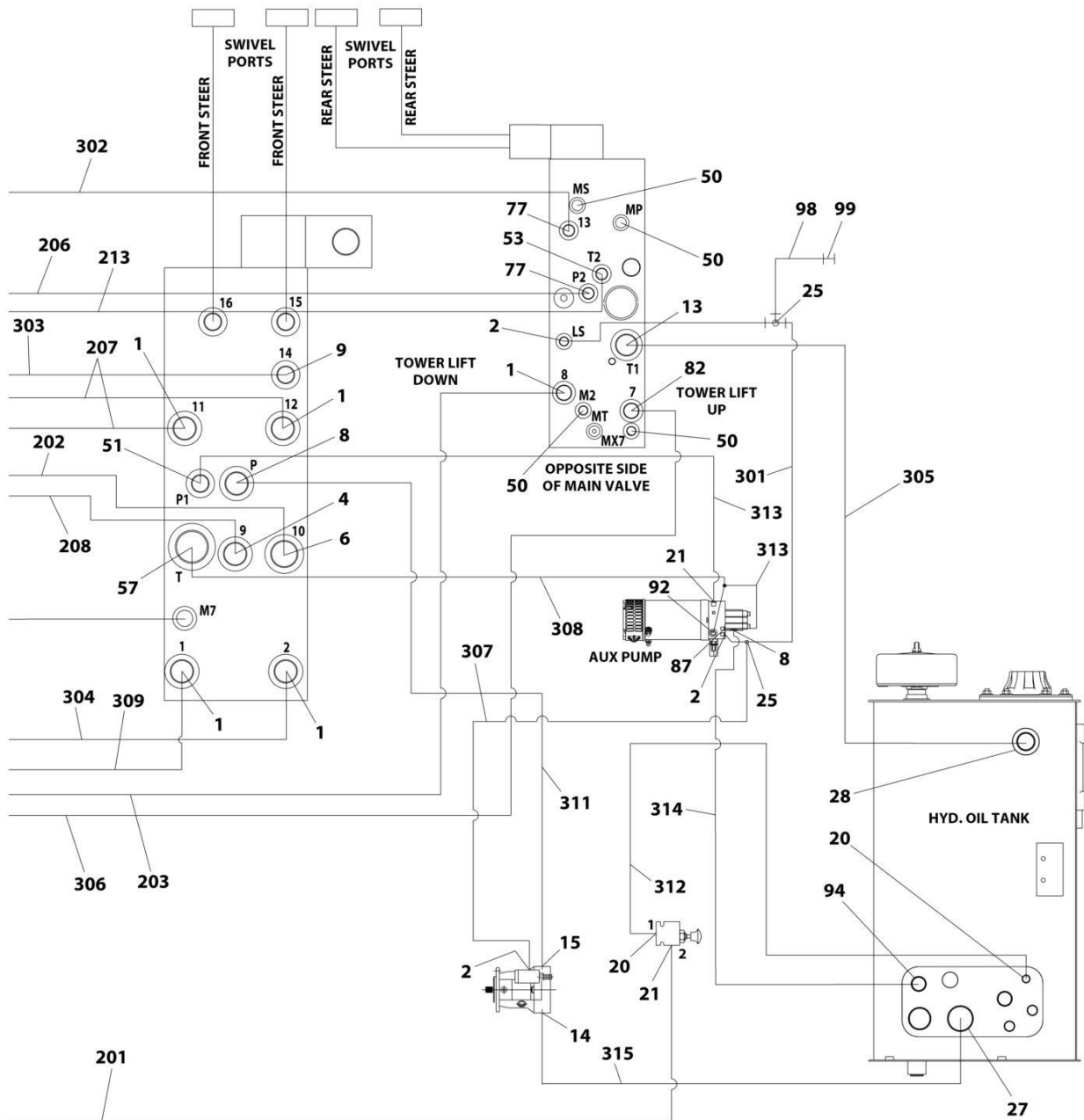
SECTION 7 - HYDRAULIC

FIGURE 7-10. HYDRAULIC DIAGRAM - STANDARD 800AJ



ART_1001178201_K_10F2

SECTION 7 - HYDRAULIC



ART_1001178201_K_20F2

SECTION 7 - HYDRAULIC

FIGURE 7-10. HYDRAULIC DIAGRAM - STANDARD 800AJ

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178201	Ref	STANDARD HYDRAULIC DIAGRAM	K
1	2220381	5	Fitting, Straight ORB/FL	
2	2220415	9	Fitting, Straight ORB/FL	
4	2220373	5	Fitting, Straight ORB/FL	
5	2220500	3	Fitting, 45 ORB/FL	
6	2220947	2	Fitting, Straight ORB/FL	
7	2220600	1	Fitting, Straight JIC/ORB	
8	2220593	2	Fitting, Straight ORB/FL	
9	2220371	3	Fitting, Straight ORB/FL	
13	1001179329	1	Fitting, Straight JIC/ORB	
14	2220737	1	Split Flange Kit #24	
15	2220478	1	Split Flange Kit #16	
19	2220466	3	Fitting, 90 ORB/FL	
20	2220582	2	Fitting, Straight ORB/FL	
21	2220473	5	Fitting, 90 ORB/FL	
22	2220602	1	Fitting, Tee ORB/FL	
25	2220605	2	Fitting, Tee FL/FL	
27	2220765	1	Fitting, Straight ORB/FL	
28	2220377	1	Fitting, Straight JIC/ORB	
30	2220596	6	Fitting, 90 ORB/FL	
34	2220852	2	Fitting, Straight ORB/FL	
37	2220490	2	Fitting, Tee FL/FL	
50	2221086	4	Fitting, Diagnostic Test Port, EM3A	
51	4640780	1	Fitting, Check Valve	
53	1001136881	1	Fitting, 45 ORB/FG	
55	2220472	2	Fitting, 90 ORB/FL (800AJ)	
57	2220577	1	Fitting, Straight ORB/FL	
58	2221034	1	Fitting, Tee FL/FL/ORB	
61	4567139	1	Tube	
66	2752767	1	Hose	
68	2753190	1	Hose	
77	2220501	2	Fitting, 45 ORB/FL	
78	4567757	1	Tube	
79	4100062	4	Protection, Hose (Not Shown - Located at Tower Boom Power Track)	
81	2221036	1	Fitting, 90 ORB/FL	
82	2220950	1	Fitting, 45 ORB/FL	
87	2220603	5	Fitting, Straight ORB/FL	
92	2220899	1	Fitting, Tee ORB/FL/FL	
94	2220451	1	Fitting, Straight JIC/ORB	
96	2220468	1	Fitting, Straight JIC/ORB	
97	1001215289	1	Fitting, Tee JIC/ORB/JIC	
98	2752995	1	Hose	
99	91143177	1	Fitting - Diagnostic Test Port	
100	1001183225	1	Upper Boom Hose Kit	
101	2753126	2	Hose	
102	2753442	2	Hose	
103	1001119602	2	Hose	
104	1001155673	2	Hose	
105	1001159707	2	Hose	

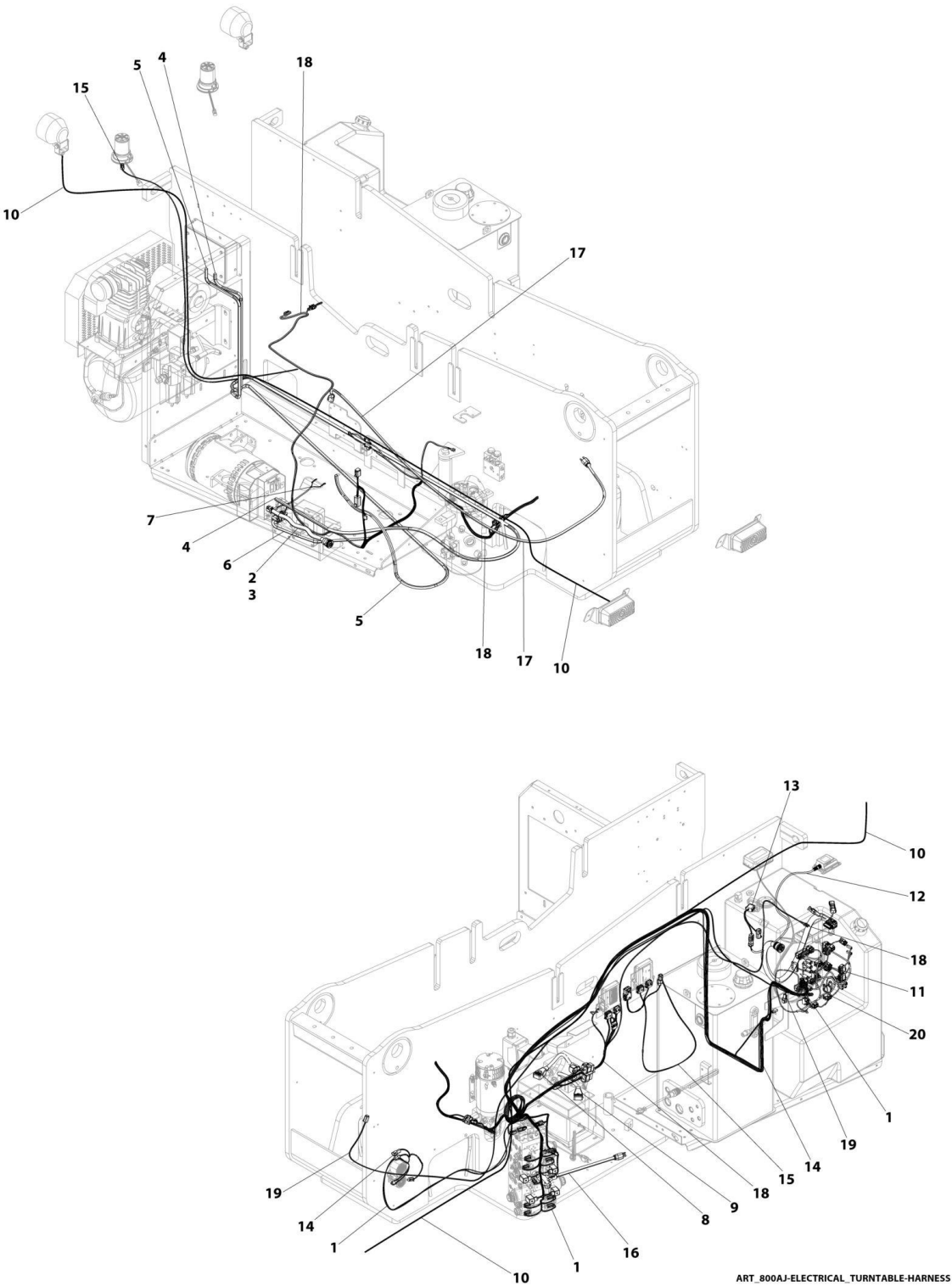
SECTION 7 - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
106	1001179545	1	Hose	
107	1001179546	1	Hose	
200	1001183226	1	Lower Boom Hose Kit	
201	2752468	1	Hose	
202	2752766	1	Hose	
203	2752930	1	Hose	
204	2752978	1	Hose	
205	2753008	1	Hose	
206	2753123	1	Hose	
207	2753189	2	Hose	
208	2753191	1	Hose	
209	2753195	1	Hose	
210	2753196	1	Hose	
211	2753197	1	Hose	
212	2753199	1	Hose	
213	1001182162	1	Hose	
300	1001270089	1	Turntable Hose Kit	
301	2752434	1	Hose	
302	2752461	1	Hose	
303	2752484	1	Hose	
304	2752494	1	Hose	
305	2752723	1	Hose	
306	2752768	1	Hose	
307	2753010	2	Hose	
308	2753118	1	Hose	
309	2753192	1	Hose	
310	2753200	1	Hose	
311	2753231	1	Hose	
312	2753274	1	Hose	
313	1001109690	2	Hose	
314	1001149410	1	Hose	
315	1001179079	1	Hose	

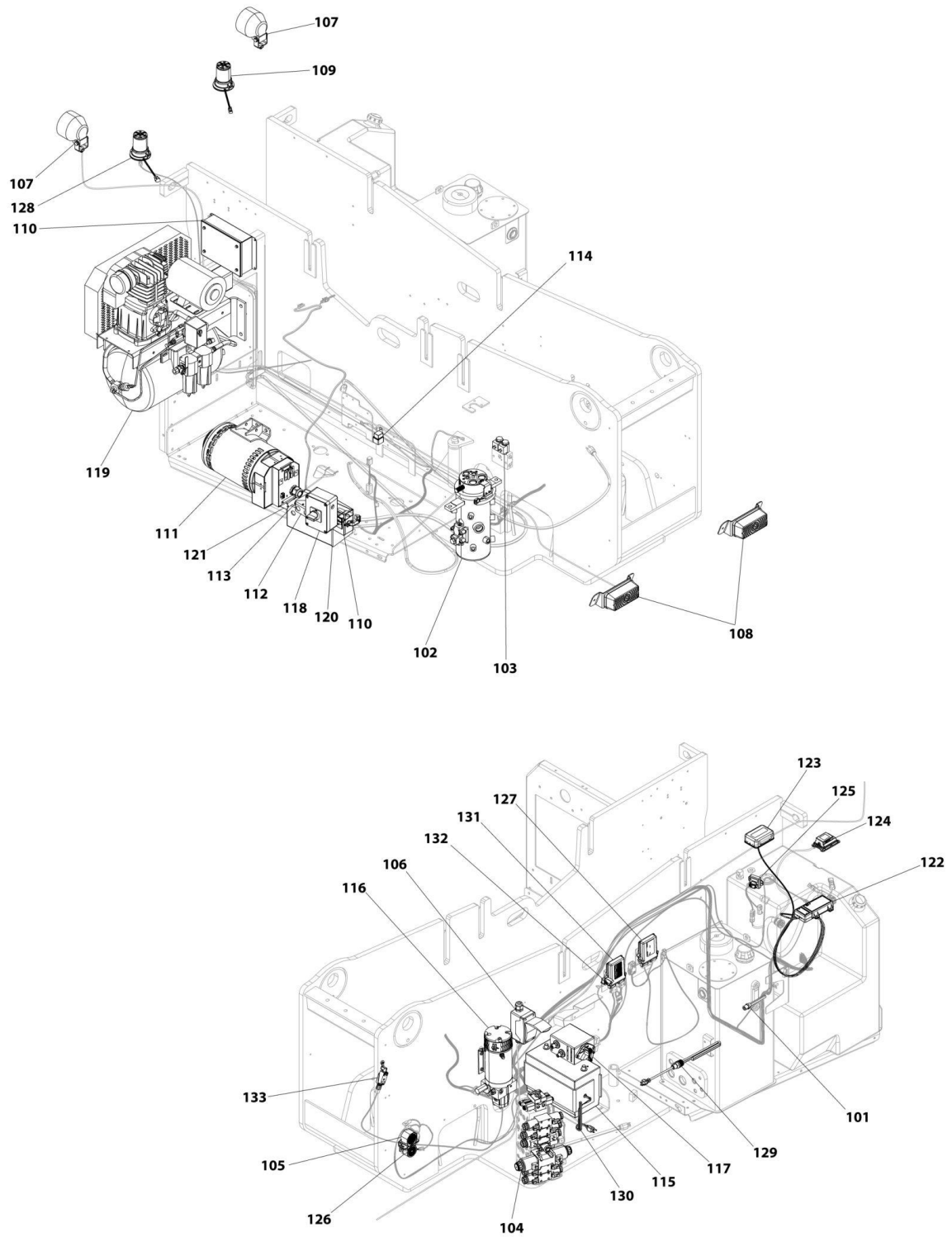
SECTION 8 - ELECTRICAL

SECTION 8 - ELECTRICAL

FIGURE 8-1. 800AJ ELECTRICAL LAYOUT

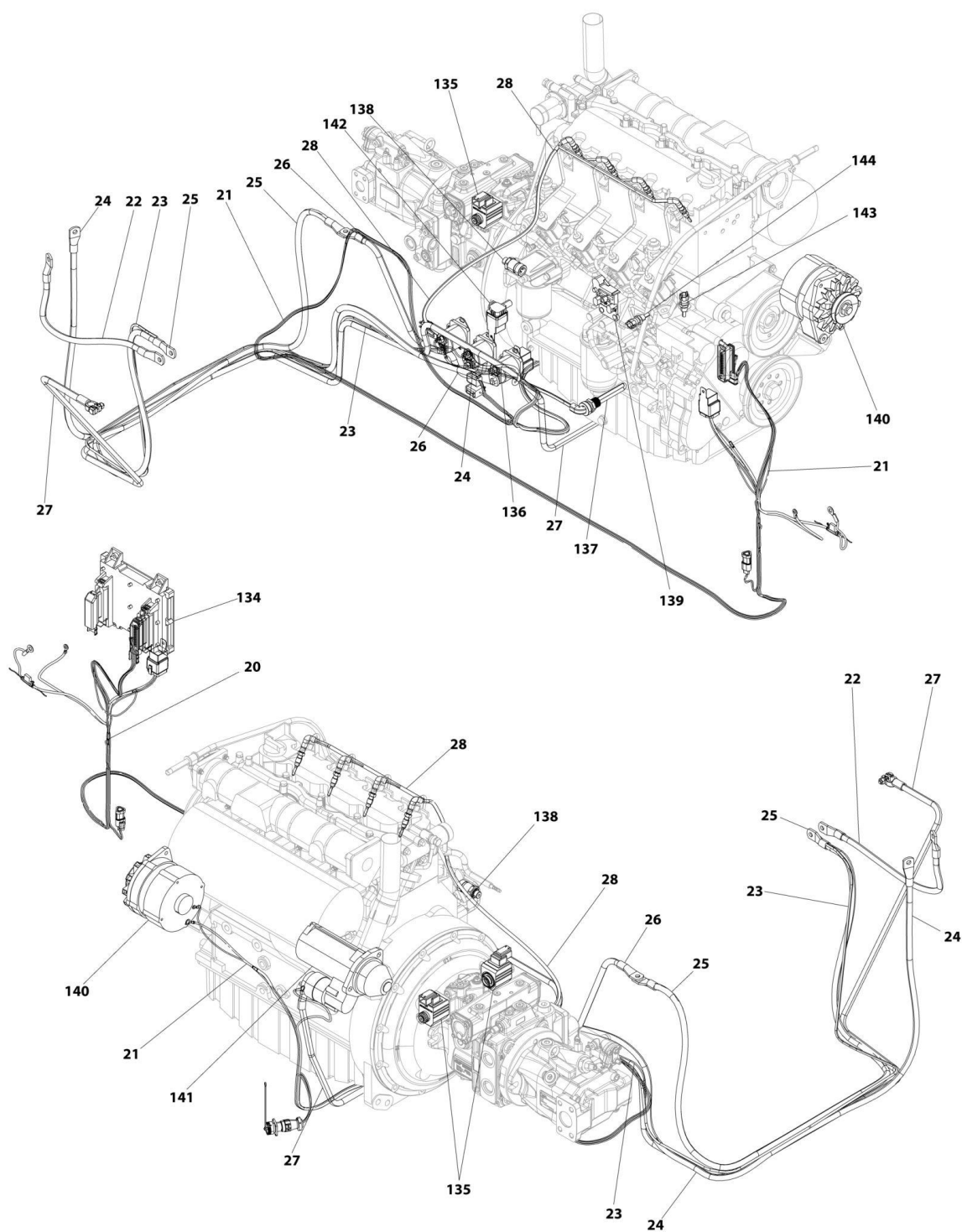


SECTION 8 - ELECTRICAL



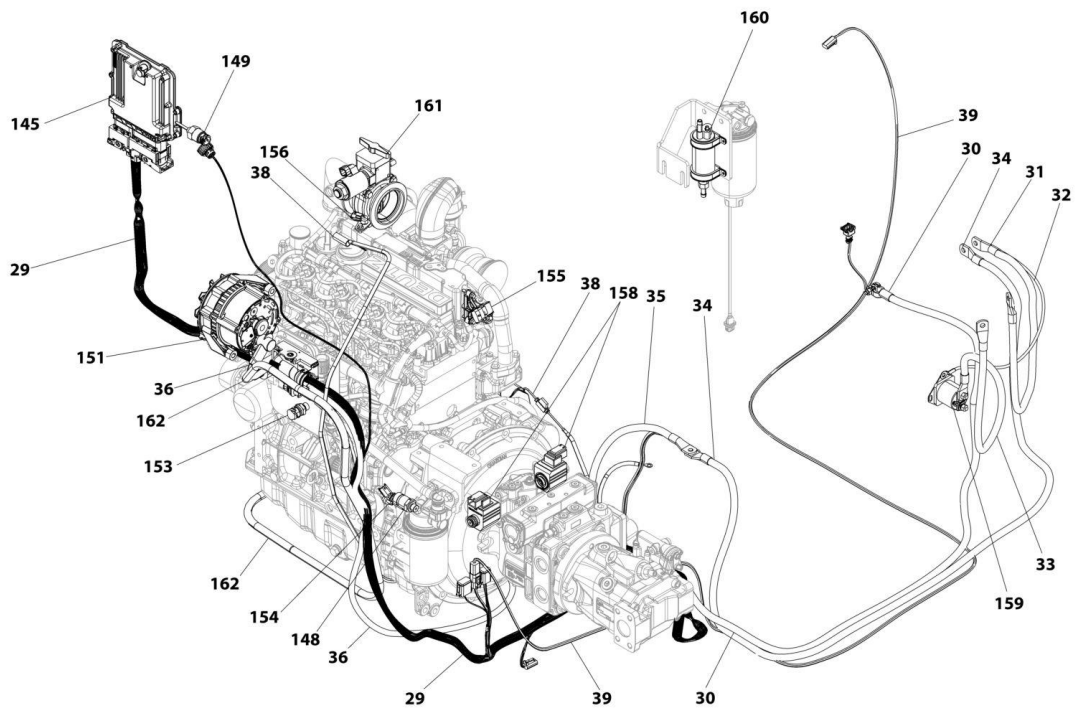
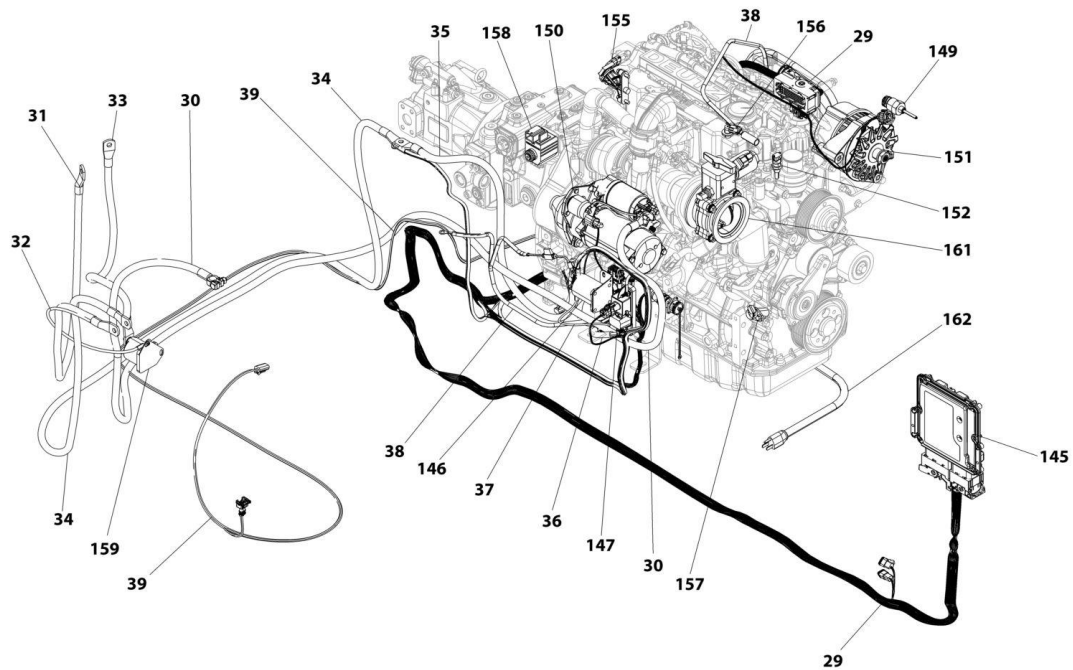
ART_800AJ-ELECTRICAL_TURNTABLE-COMPONENT

SECTION 8 - ELECTRICAL



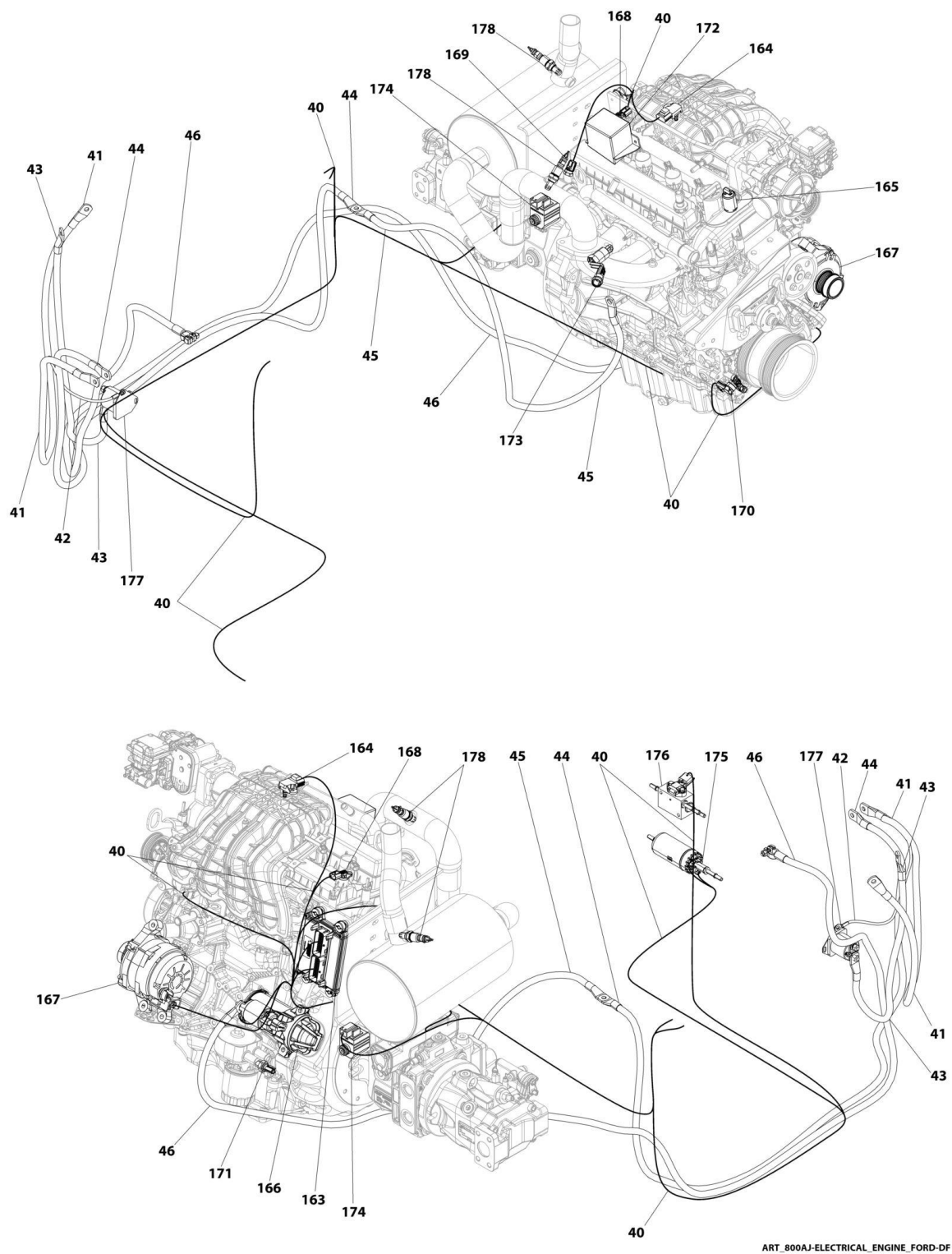
ART_800AJ-ELECTRICAL_ENGINE_DEUTZ-D2011

SECTION 8 - ELECTRICAL

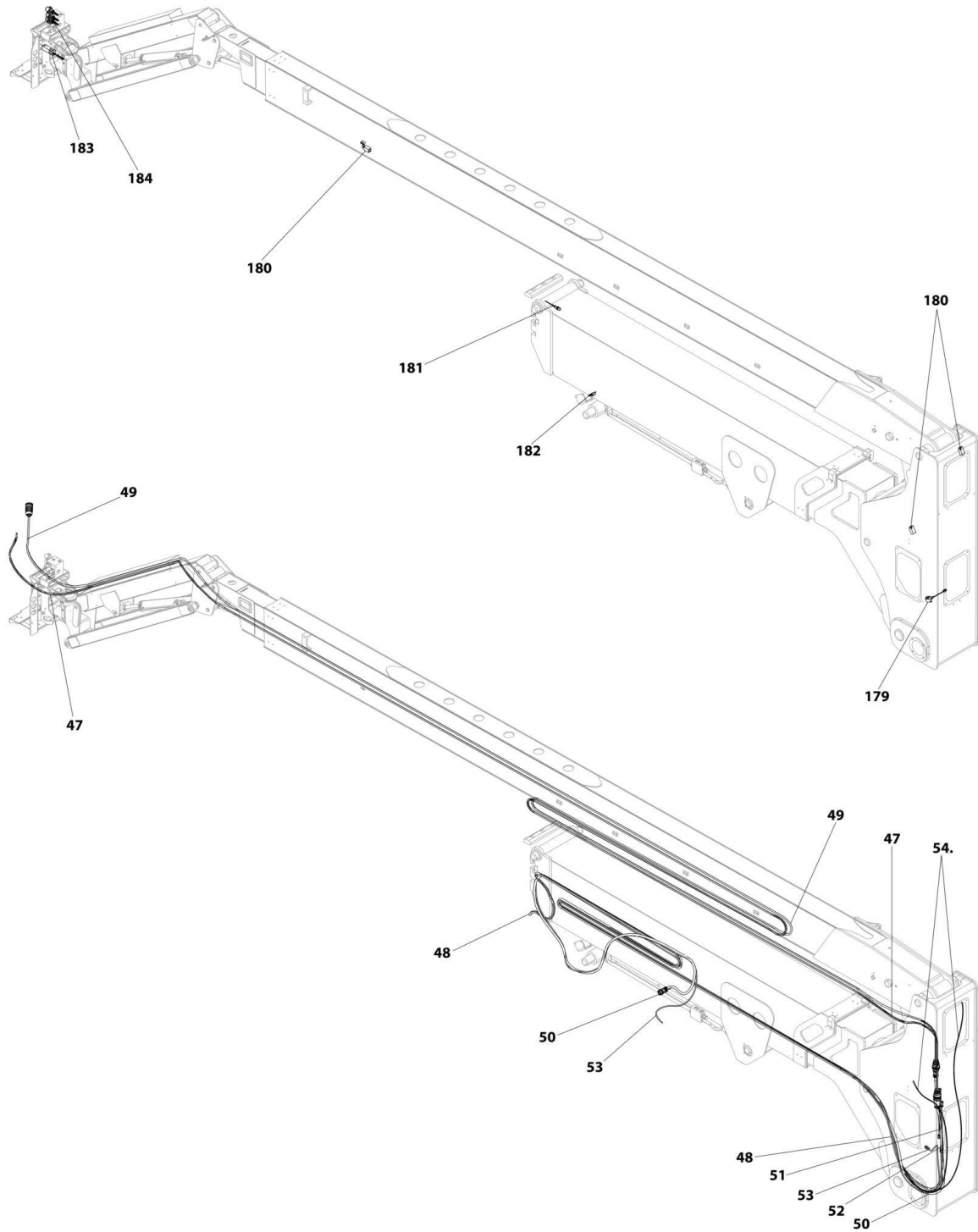


ART_800AJ-ELECTRICAL_ENGINE_DEUTZ-2.9L4

SECTION 8 - ELECTRICAL

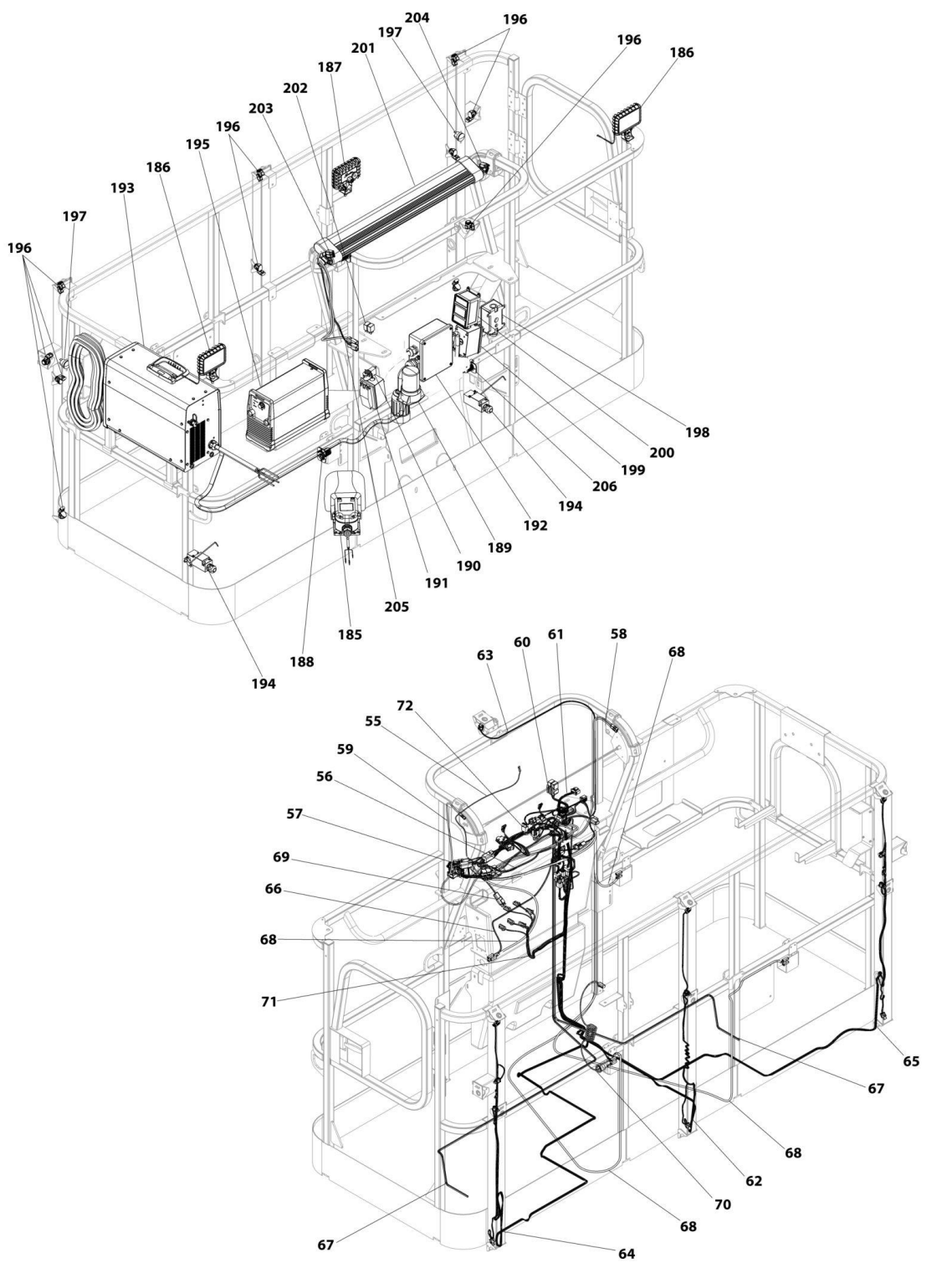


SECTION 8 - ELECTRICAL



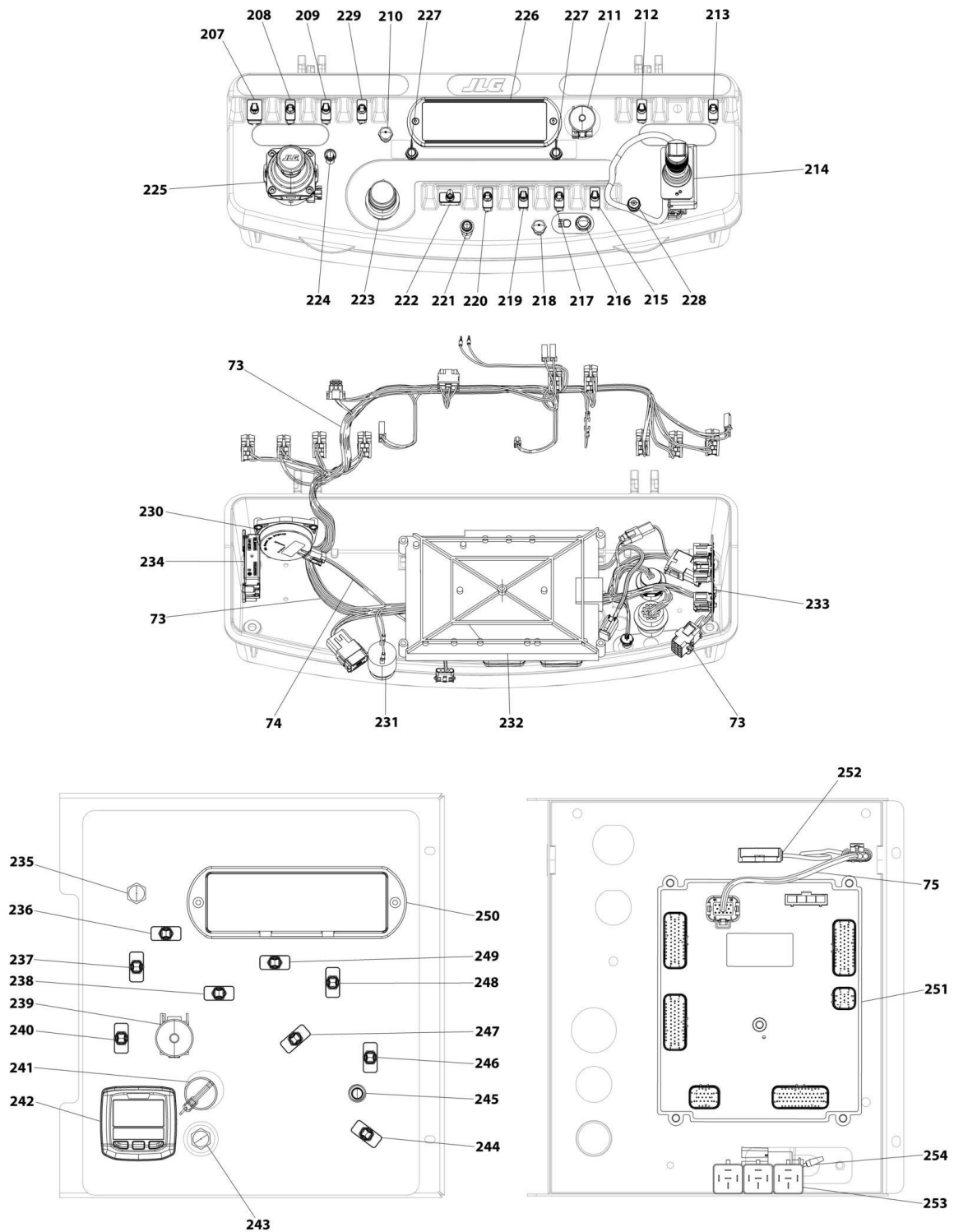
ART_800AJ-ELECTRICAL_BOOM

SECTION 8 - ELECTRICAL



ART_800AJ-ELECTRICAL_PLATFORM

SECTION 8 - ELECTRICAL



ART_800AJ-ELECTRICAL_CONTROLS

SECTION 8 - ELECTRICAL

FIGURE 8-1. 800AJ ELECTRICAL LAYOUT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	HARNESS LIST	
		Ref	Note: This figure is for part identification only.	
1		Ref	Harness, Main Valve	
2		Ref	Harness, 7500W Generator	
3		Ref	Harness, 4000W Generator	
4		Ref	Harness, Generator to Control Box	
5		Ref	Harness, Generator Control Box to Engine	
6		Ref	Harness, 2500W Generator	
7		Ref	Harness, Hourmeter	
8		Ref	Cable, Battery (+) to Disconnect	
9		Ref	Cable, Battery (-) to Disconnect	
10		Ref	Harness, Head and Tail Light	
11		Ref	Harness, Clearsky	
12		Ref	Harness, Telematics	
13		Ref	Harness, Xirgo Jumper	
14		Ref	Harness, White Noise Alarm	
15		Ref	Harness, Strobe Light Control	
16		Ref	3-Way Plug	
17		Ref	Cable, Extension	
18		Ref	Harness, ASOV	
19		Ref	Harness, Tower Stow	
20		Ref	Harness, Ground Control	
21		Ref	Harness, Engine	
22		Ref	Cable, Battery (-) to Aux Pump	
23		Ref	Cable, Battery (-) to Relay	
24		Ref	Cable, Aux Pump to Relay	
25		Ref	Cable, Battery (-) to Ground	
26		Ref	Cable, Engine Ground	
27		Ref	Cable, Battery (+) to Starter	
28		Ref	Harness, Glow Plug	
29		Ref	Harness, Engine	
30		Ref	Cable, Battery (+) to Starter	
31		Ref	Cable, Battery (-) to Aux Pump	
32		Ref	Cable, Battery (-) to Relay	
33		Ref	Cable, Aux Pump to Relay	
34		Ref	Cable, Battery (-) to Ground	
35		Ref	Cable, Engine Ground	
36		Ref	Harness, Alternator Power	
37		Ref	Harness, Glow Plug Fuse	
38		Ref	Heater, Breather	
39		Ref	Harness, Fuel Pump	
40		Ref	Harness, Engine	
41		Ref	Cable, Battery (-) to Aux Pump	
42		Ref	Cable, Battery (-) to Relay	
43		Ref	Cable, Aux Pump to Relay	
44		Ref	Cable, Battery (-) to Ground	
45		Ref	Cable, Engine Ground	
46		Ref	Cable, Battery (+) to Starter	
47		Ref	Cable, AC Ground to Platform (Upper)	
48		Ref	Cable, AC Ground to Platform (Lower)	

SECTION 8 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49		Ref	Cable, Boom (Upper)	
50		Ref	Cable, Boom (Lower)	
51		Ref	Harness, Communication (Upper)	
52		Ref	Harness, Communication (Lower)	
53		Ref	Harness, Tilt Sensor	
54		Ref	Harness, Proximity Sensor	
55		Ref	Harness, Platform Strobe Light	
56		Ref	Harness, SkyGuard	
57		Ref	Harness, SkyEye Intermediate	
58		Ref	Harness, SkyEye Receiver	
59		Ref	Harness, SkyEye Emitter	
60		Ref	Harness, SkyLine	
61		Ref	Harness, SkySense Main	
62		Ref	Harness, SkySense Mid Tube	
63		Ref	Harness SkySense Overhead Sensor	
64		Ref	Harness, SkySense Left Tube	
65		Ref	Harness, SkySense Right Tube	
66		Ref	Harness, USB	
67		Ref	Cable, Soft Touch	
68		Ref	Harness, Portable Work Light	
69		Ref	Harness, Portable Light Power	
70		Ref	Harness, Portable Work Light Extension	
71		Ref	Harness, Platform Valve	
72		Ref	Harness, Platform Work Light	
73		Ref	Harness, Platform Console	
74		Ref	Harness, Tilt Sensor	
75		Ref	Harness, Tilt Sensor	
		Ref	COMPONENT LIST	
101		Ref	Sensor, Fuel Level	
102		Ref	Rotary Coupling	
103		Ref	Solenoids, Axle Valve	
104		Ref	Solenoids, Main Control Valve	
105		Ref	Alarm	
106		Ref	AC Breaker Box	
107		Ref	Headlight	
108		Ref	Taillight	
109		Ref	Light, Strobe (Amber)	
110		Ref	Box, Generator Control	
111		Ref	Generator	
112		Ref	Generator Junction Box	
113		Ref	Light, Generator	
114		Ref	Relay	
115		Ref	Battery	
116		Ref	Auxiliary Pump/Motor	
117		Ref	Switch, Battery Disconnect	
118		Ref	Box, Air Compressor Control	
119		Ref	Air Compressor	
120		Ref	Transformer, Cold Weather	
121		Ref	Generator Hourmeter	
122		Ref	Module, ClearSky Telematics CANBUS	
123		Ref	Antenna, ClearSky Telematics	

SECTION 8 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
124		Ref	Module, ClearSky Telematics 3-Wire	
125		Ref	Voltage Regulator, ClearSky Telematics	
126		Ref	Alarm, White Noise	
127		Ref	Module, Strobe Control	
128		Ref	Light, Strobe	
129		Ref	Heater, Immersion	
130		Ref	Heater, Battery	
131		Ref	Module, ASOV Control	
132		Ref	Switch, ASOV	
133		Ref	Sensor, Tower Stow	
134		Ref	Module, Engine Control	
135		Ref	Solenoids, Hydrostatic Pump	
136		Ref	Relays	
137		Ref	Heater, Engine Block	
138		Ref	Sensor, Temperature	
139		Ref	Sensor	
140		Ref	Alternator	
141		Ref	Starter	
142		Ref	Sensor, Speed	
143		Ref	Sensor, Engine Coolant Temperature	
144		Ref	Sensor, Pressure	
145		Ref	Module, Engine Control	
146		Ref	Relay	
147		Ref	Relay	
148		Ref	Sensor, Pressure	
149		Ref	Sensor, Coolant Level	
150		Ref	Starter	
151		Ref	Alternator	
152		Ref	Sensor, Engine Coolant Temperature	
153		Ref	Sensor, Pressure	
154		Ref	Sensor, Speed	
155		Ref	Sensor, Oil Pressure	
156		Ref	Sensor, Temperature	
157		Ref	Sensor, Speed	
158		Ref	Solenoids, Hydrostatic Pump	
159		Ref	Relay	
160		Ref	Fuel Pump	
161		Ref	Air Shut Off Valve (ASOV)	
162		Ref	Heater, Engine Block	
163		Ref	Module, Engine Control	
164		Ref	Sensor, TMAP	
165		Ref	Solenoid, Timing	
166		Ref	Starter	
167		Ref	Alternator	
168		Ref	Sensor, Speed	
169		Ref	Engine Coolant Temperature Sensor	
170		Ref	Sensor, Speed	
171		Ref	Sensor, Oil Pressure	
172		Ref	Fuse Box	
173		Ref	Heater, Engine Block	
174		Ref	Solenoids, Hydrostatic Pump	

SECTION 8 - ELECTRICAL

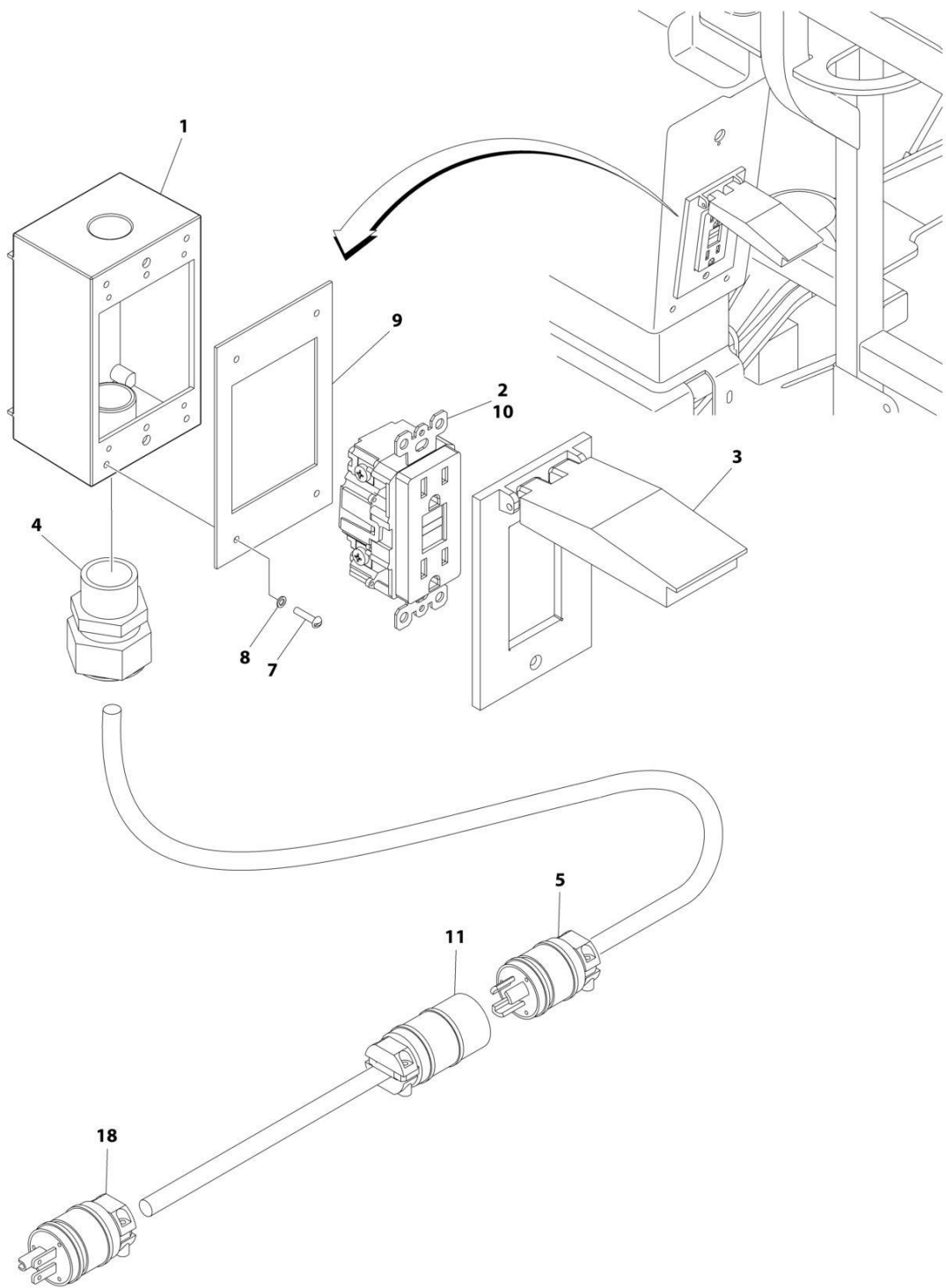
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
175		Ref	Fuel Pump	
176		Ref	Fuel Block	
177		Ref	Relay	
178		Ref	Sensor, O2	
179		Ref	Sensor, Tilt	
180		Ref	Sensor, Transport Position	
181		Ref	Sensor, Proximity	
182		Ref	Sensor, Proximity	
183		Ref	Cell, Load Sensing	
184		Ref	Solenoids, Platform Valve	
185		Ref	Footswitch	
186		Ref	Platform Work Light	
187		Ref	Portable Work Light	
188		Ref	AC Receptacle	
189		Ref	Light, Platform Strobe	
190		Ref	Switch, Generator	
191		Ref	AC Receptacle	
192		Ref	Junction Box	
193		Ref	Welding Machine	
194		Ref	Switch, Soft Touch Limit	
195		Ref	Plasma Cutter	
196		Ref	Sensor, SkySense	
197		Ref	Alarm	
198		Ref	AC Receptacle	
199		Ref	AC Receptacle	
200		Ref	AC Receptacle/Breaker Box	
201		Ref	Switch, SkyGuard	
202		Ref	Relay	
203		Ref	Sensor, SkyEye Receiver	
204		Ref	Sensor, SkyEye Emitter	
205		Ref	Sensor, SkyLine Proximity	
206		Ref	USB Receptacle	
207		Ref	Switch, Drive Speed/ Torque Select	
208		Ref	Switch, Steer Select	
209		Ref	Switch, Platform Leveling Override	
210		Ref	Switch, Horn	
211		Ref	Switch, Emergency Stop	
212		Ref	Switch, Start/Auxilliary Power	
213		Ref	Switch, Drive Orientation Override	
214		Ref	Controller, Drive/Steer	
215		Ref	Switch, Boom Telescope	
216		Ref	Switch, Lights	
217		Ref	Switch, Jib Up/Down	
218		Ref	Switch, Soft Touch/SkyGuard/SkySense Override	
219		Ref	Switch, Tower Telescope	
220		Ref	Switch, Tower Lift	
221		Ref	Light, Soft Touch/SkyGuard/SkySense Indicator	
222		Ref	Switch, Platform Rotate	
223		Ref	Switch, Function Speed Control	
224		Ref	Light, Boom Stow Indicator	
225		Ref	Controller, Main Lift/Swing	

SECTION 8 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
226		Ref	Display, Platform	
227		Ref	Light, SkySense Indicator	
228		Ref	Switch, SkySense	
229		Ref	Switch, Fuel Select	
230		Ref	Sensor, Tilt	
231		Ref	Alarm	
232		Ref	Module, Platform	
233		Ref	Module, SkySense Control	
234		Ref	Module, SkySense Sensor	
235		Ref	Switch, Diesel Particulate Filter (DPF)	
236		Ref	Switch, Platform Rotate	
237		Ref	Switch, Platform Leveling Override	
238		Ref	Switch, Jib Up/Down	
239		Ref	Switch, Emergency Stop	
240		Ref	Switch, Engine Start/ Auxiliary Power	
241		Ref	Switch, Key	
242		Ref	Display, Ground	
243		Ref	Switch, Machine Safety System Override (MSSO)	
244		Ref	Switch, Turntable Swing	
245		Ref	Light, Boom Stow/ASOV Indicator	
246		Ref	Switch, Tower Lift	
247		Ref	Switch, Tower Telescope	
248		Ref	Switch, Boom Lift	
249		Ref	Switch, Boom Telescope	
250		Ref	Indicator Panel	
251		Ref	Module, Ground Control	
252		Ref	Sensor, Tilt	
253		Ref	Relay	
254		Ref	Switch, Cribbing	

SECTION 8 - ELECTRICAL

FIGURE 8-2. AC BOX AT PLATFORM INSTALLATION - 110V GFI RECEPTACLE (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)



ART_0272259

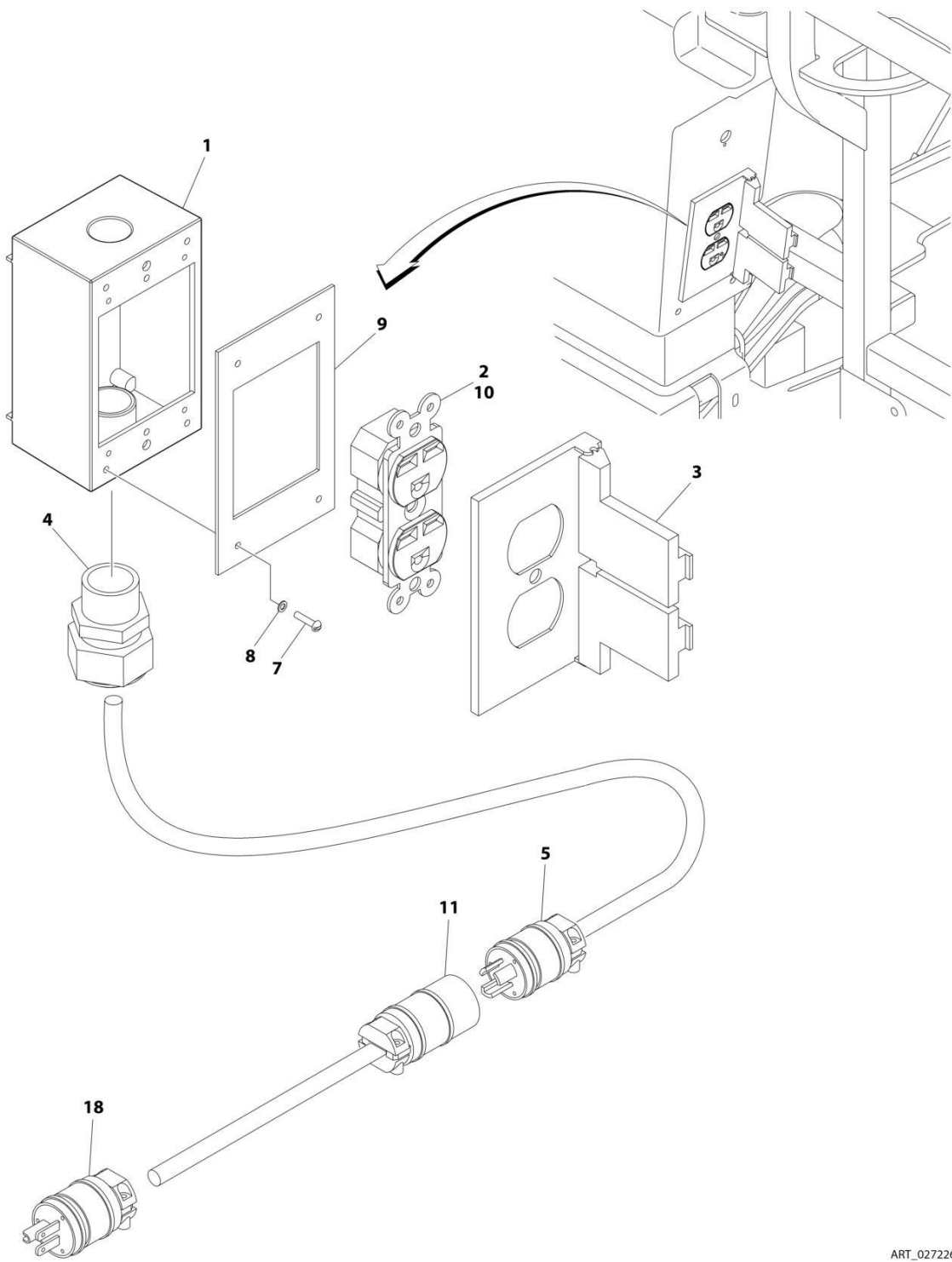
SECTION 8 - ELECTRICAL

FIGURE 8-2. AC BOX AT PLATFORM INSTALLATION - 110V GFI RECEPTACLE (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272259	Ref	AC BOX AT PLATFORM INSTALLATION - 110V GFI RECEPTACLE	C
1	0860038	1	Box, Switch	
2	4460346	1	Receptacle	
3	1001110873	1	Shield, Cover	
4	4460051	1	Connector, Strain Relief	
5	1001213584	1	Plug, Male	
7	3910610	4	Screw #6 x 5/8	
8	4760600	4	Washer #6	
9	3960422	1	Gasket	
10	4460315	3	Terminal, Spade	
11	1001213585	1	Receptacle, Female	
18	4460205	1	Plug, Male	

SECTION 8 - ELECTRICAL

FIGURE 8-3. AC BOX AT PLATFORM INSTALLATION - 220V (ANSI, CSA & JAPANESE SPECS)



ART_0272260

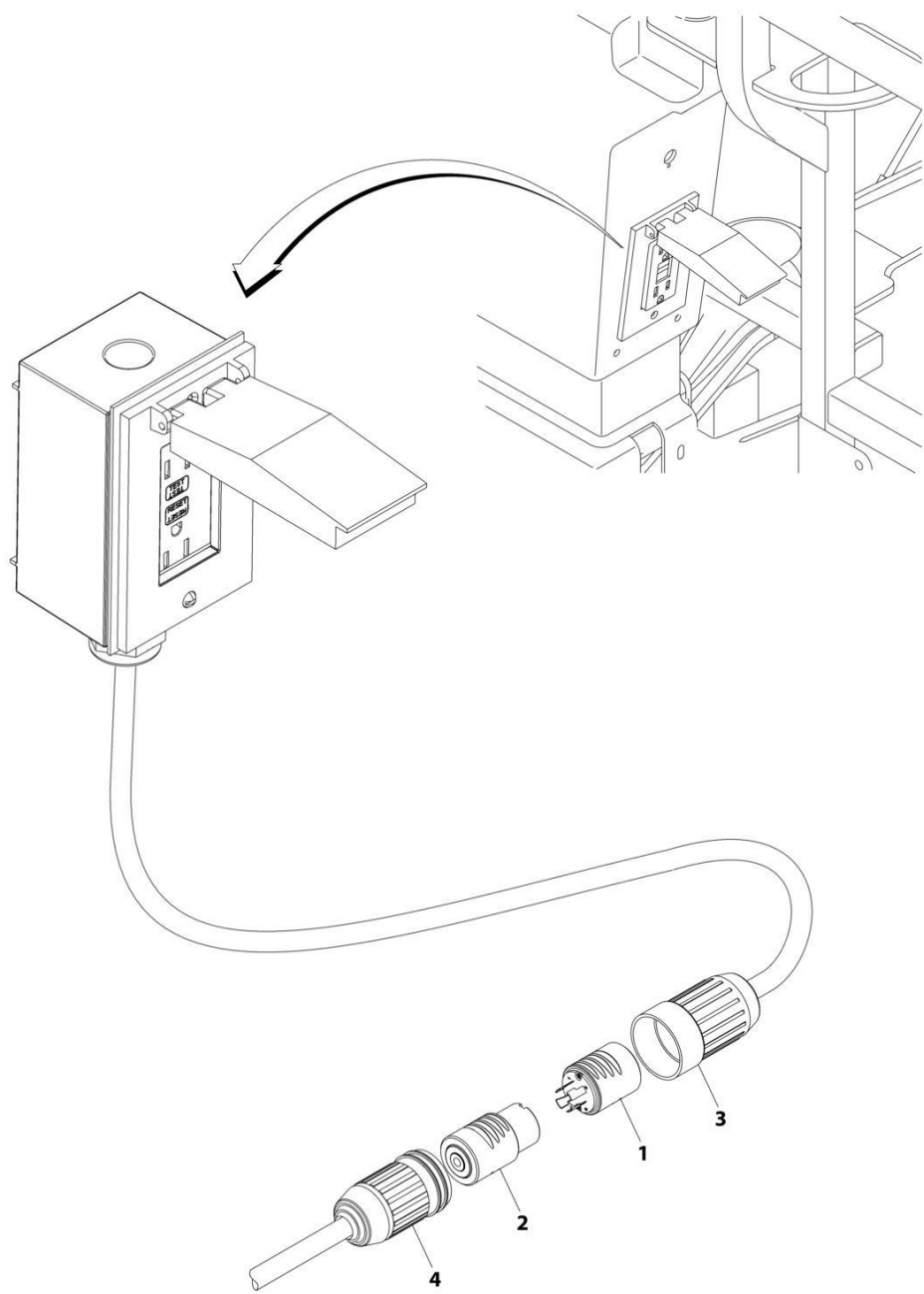
SECTION 8 - ELECTRICAL

FIGURE 8-3. AC BOX AT PLATFORM INSTALLATION - 220V (ANSI, CSA & JAPANESE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272260	Ref	AC BOX AT PLATFORM INSTALLATION - 220V	C
1	0860038	1	Box, Switch	
2	4460125	1	Receptacle	
3	4060092	1	Shield	
4	4460051	1	Connector, Strain Relief	
5	1001213584	2	Plug, Male	
7	3910610	4	Screw #6 x 5/8	
8	4760600	4	Washer #6	
9	3960422	1	Gasket	
10	4460315	1	Terminal, Spade	
11	1001213585	1	Receptacle, Female	
18	4460233	1	Plug, Male	

SECTION 8 - ELECTRICAL

FIGURE 8-4. AC BOX AT PLATFORM MID-BOOM PLUG INSTALLATION (WITH 4000W/60HZ GENERATOR) (ANSI, ANSI EXPORT, CHINA, CSA & JAPANESE SPECS)



ART_1001160272

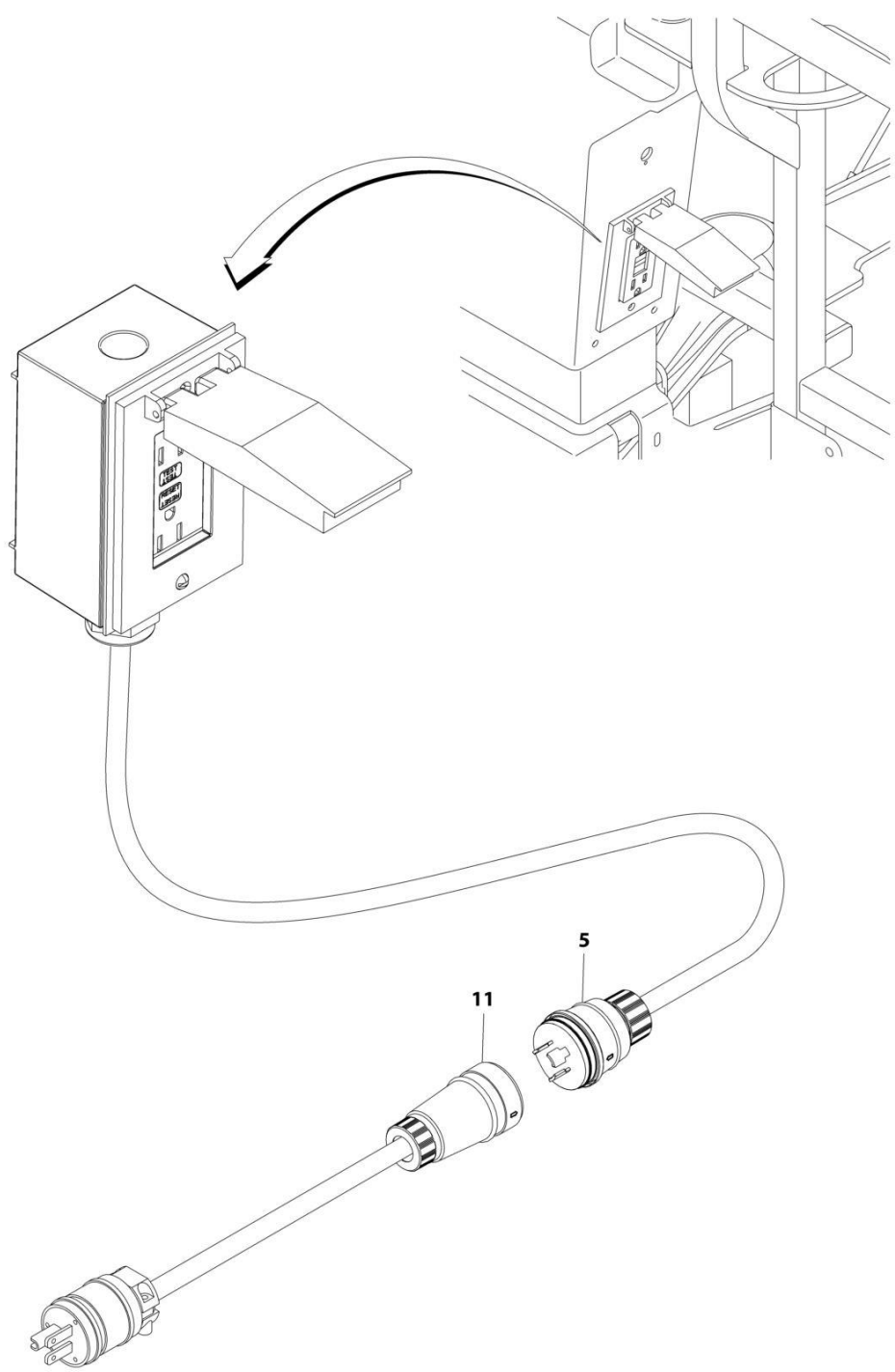
SECTION 8 - ELECTRICAL

FIGURE 8-4. AC BOX AT PLATFORM MID-BOOM PLUG INSTALLATION (WITH 4000W/60HZ GENERATOR) (ANSI, ANSI EXPORT, CHINA, CSA & JAPANESE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160272	Ref	AC CABLE CONNECTOR INSTALLATION – 4000W GENERATOR	A
1	4460962	1	Plug, Male	
2	4460963	1	Connector	
3	1671092	1	Cover	
4	1671093	1	Plug	

SECTION 8 - ELECTRICAL

FIGURE 8-5. AC BOX AT PLATFORM MID-BOOM PLUG INSTALLATION (WITHOUT 7500W SKYPOWER GENERATOR) (ALL SPECS EXCEPT ANSI & CSA SPECS)



ART_0256202

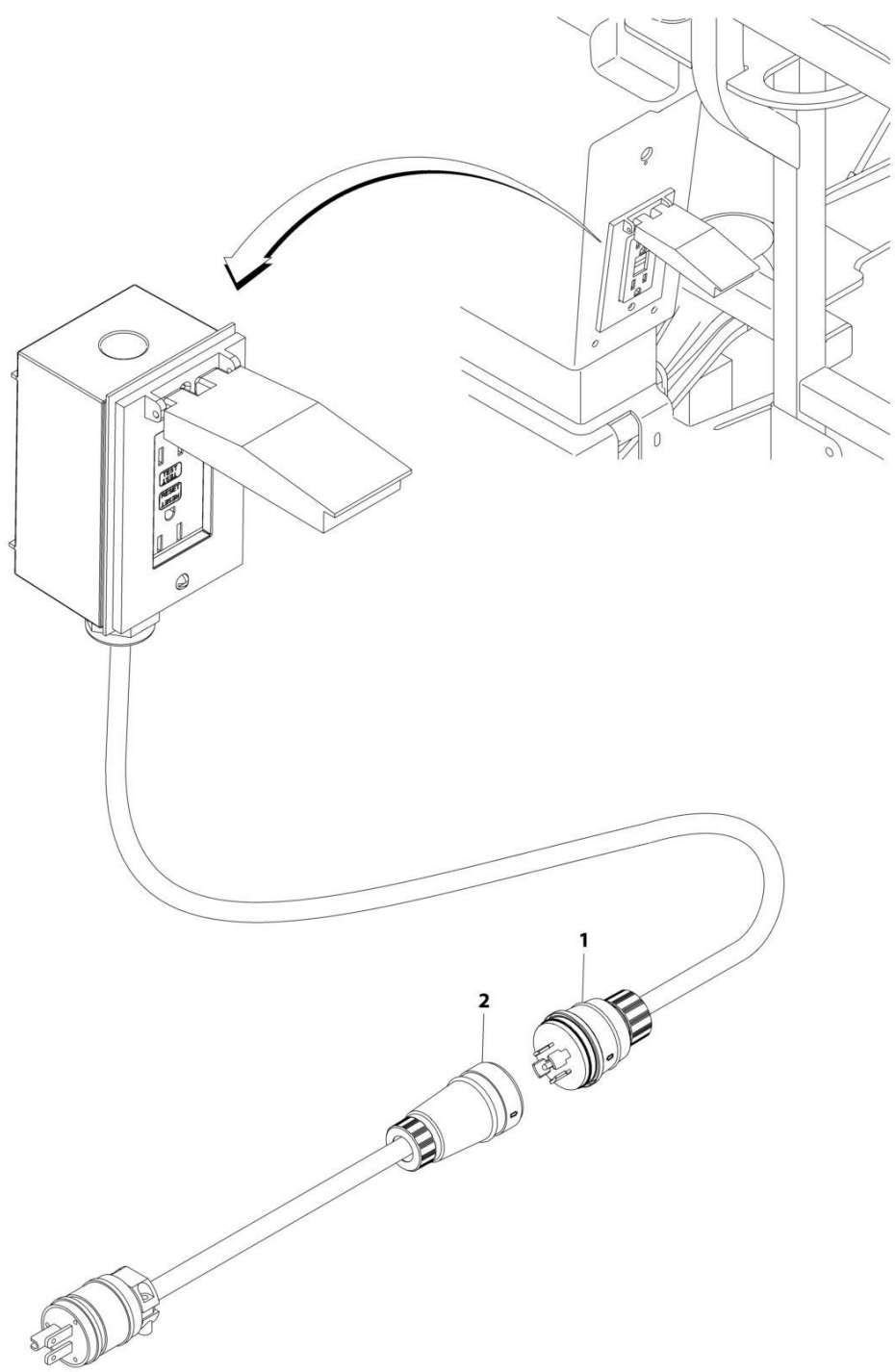
SECTION 8 - ELECTRICAL

FIGURE 8-5. AC BOX AT PLATFORM MID-BOOM PLUG INSTALLATION (WITHOUT 7500W SKYPOWER GENERATOR) (ALL SPECS EXCEPT ANSI & CSA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0256202	Ref	AC BOX AT PLATFORM MID-BOOM PLUG INSTALLATION	D
5	1001213584	1	Plug	
11	1001213585	1	Receptacle	

SECTION 8 - ELECTRICAL

FIGURE 8-6. AC BOX AT PLATFORM MID-BOOM PLUG INSTALLATION (WITH 7500W SKYPOWER GENERATOR)



ART_0272433

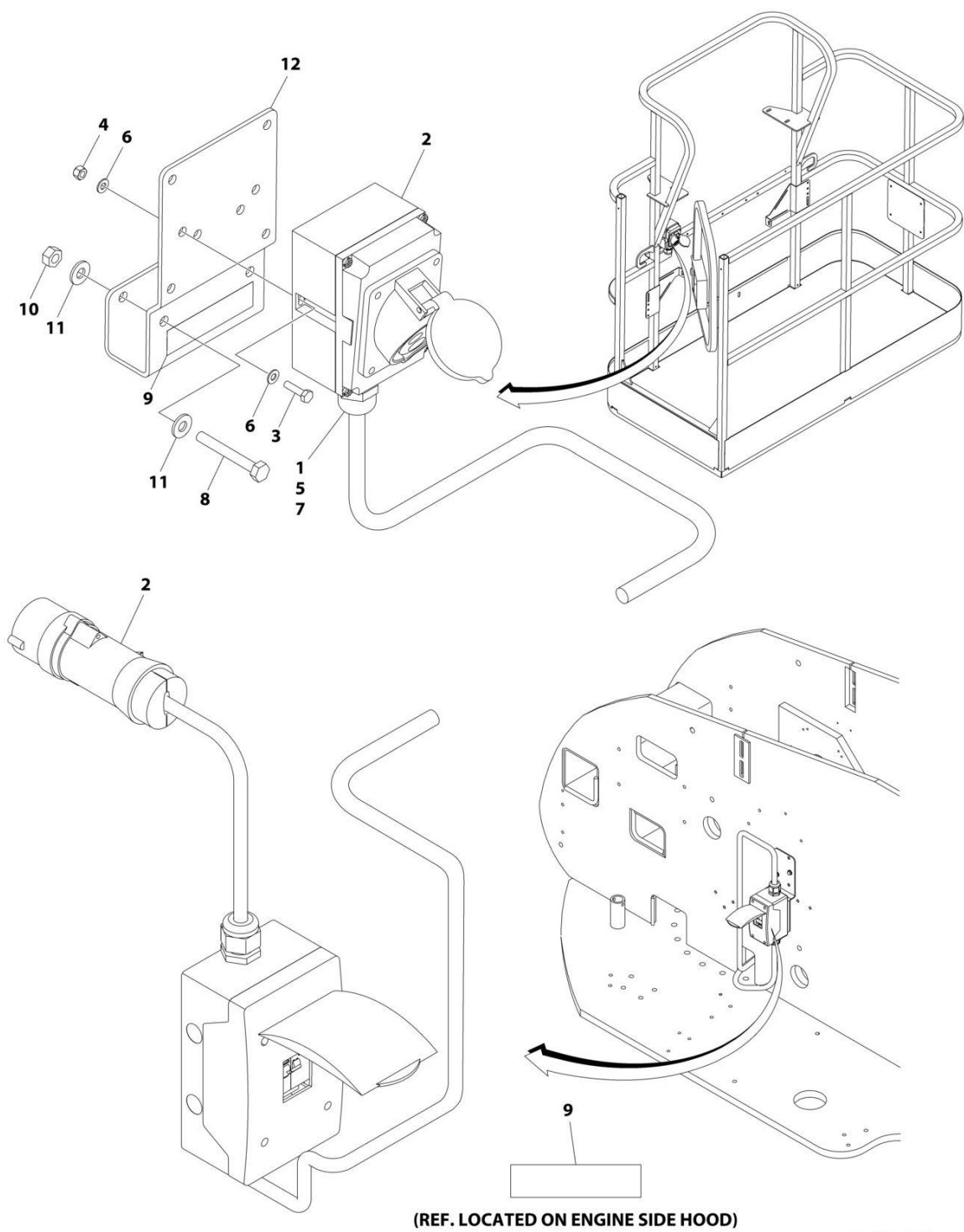
SECTION 8 - ELECTRICAL

FIGURE 8-6. AC BOX AT PLATFORM MID-BOOM PLUG INSTALLATION (WITH 7500W SKYPOWER GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272433	Ref	AC CABLE INSTALLATION - 110V/220V	D
1	1001218622	1	Plug, Male	
2	1001218623	1	Plug, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-7. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE & UK CA SPECS)
(MACHINES WITH 2500W GENERATOR OR NO GENERATOR OPTION)



ART_1001091969

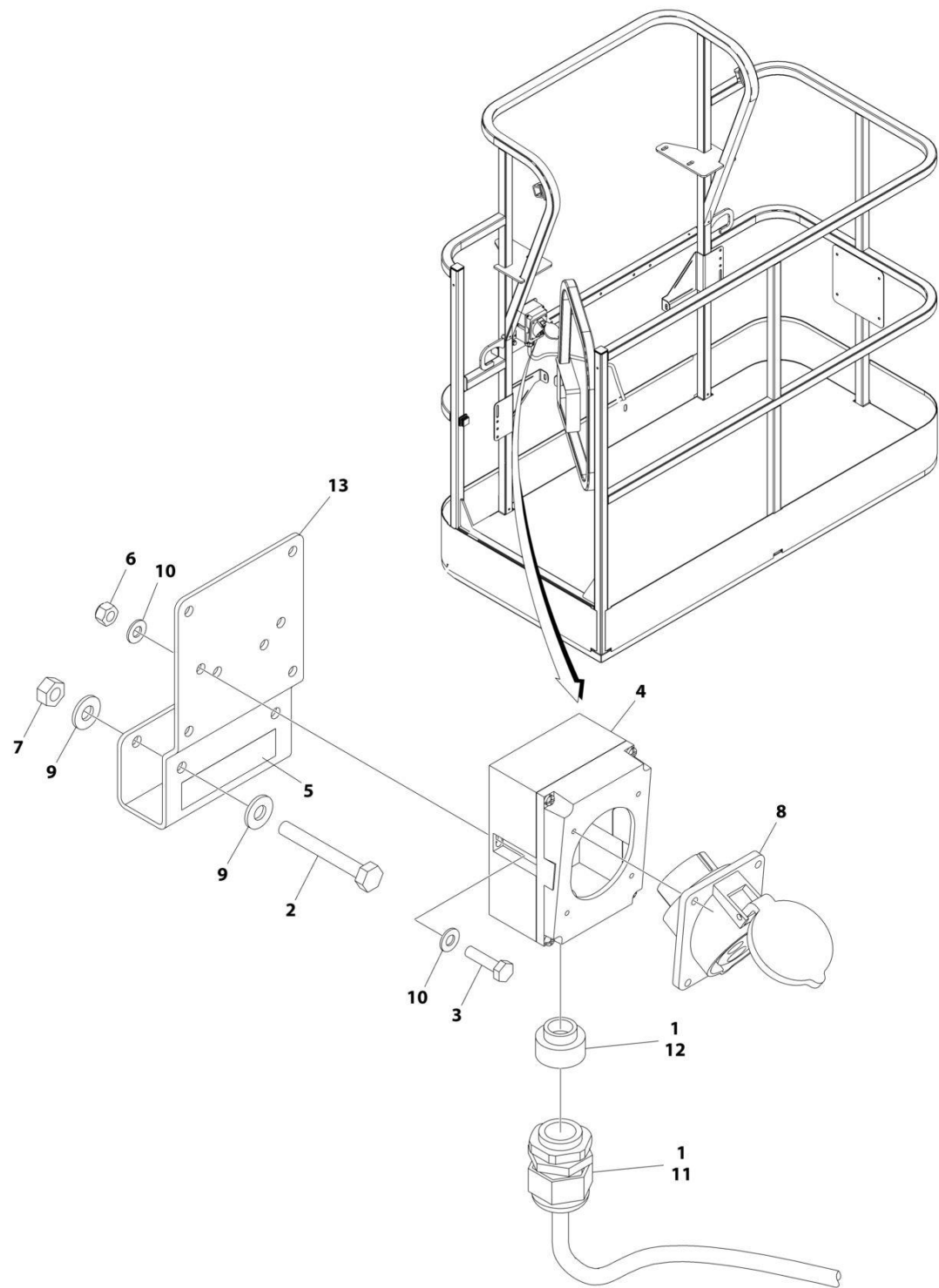
SECTION 8 - ELECTRICAL

**FIGURE 8-7. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE & UK CA SPECS)
(MACHINES WITH 2500W GENERATOR OR NO GENERATOR OPTION)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001091969	Ref	AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW	D
1	0100020	AR	Sealant, Pipe	
2	0275216	1	Receptacle Box Kit (See Separate Breakdown in this Section)	
3	0700408	2	Bolt M4 x 16	
4	3290405	2	Nut M4	
5	1001101196	1	Adapter	
6	4811400	4	Washer M4	
7	1001101191	1	Connector, Strain Relief	
8	0641416	2	Bolt 1/4 x 2	
9	1705325	2	Decal - 110V	
10	3311405	2	Nut 1/4	
11	4711400	4	Washer 1/4	
12	1001193018	1	Bracket	

SECTION 8 - ELECTRICAL

**FIGURE 8-8. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE & UK CA SPECS)
(MACHINES WITH 4000W GENERATOR)**



ART_1001206253

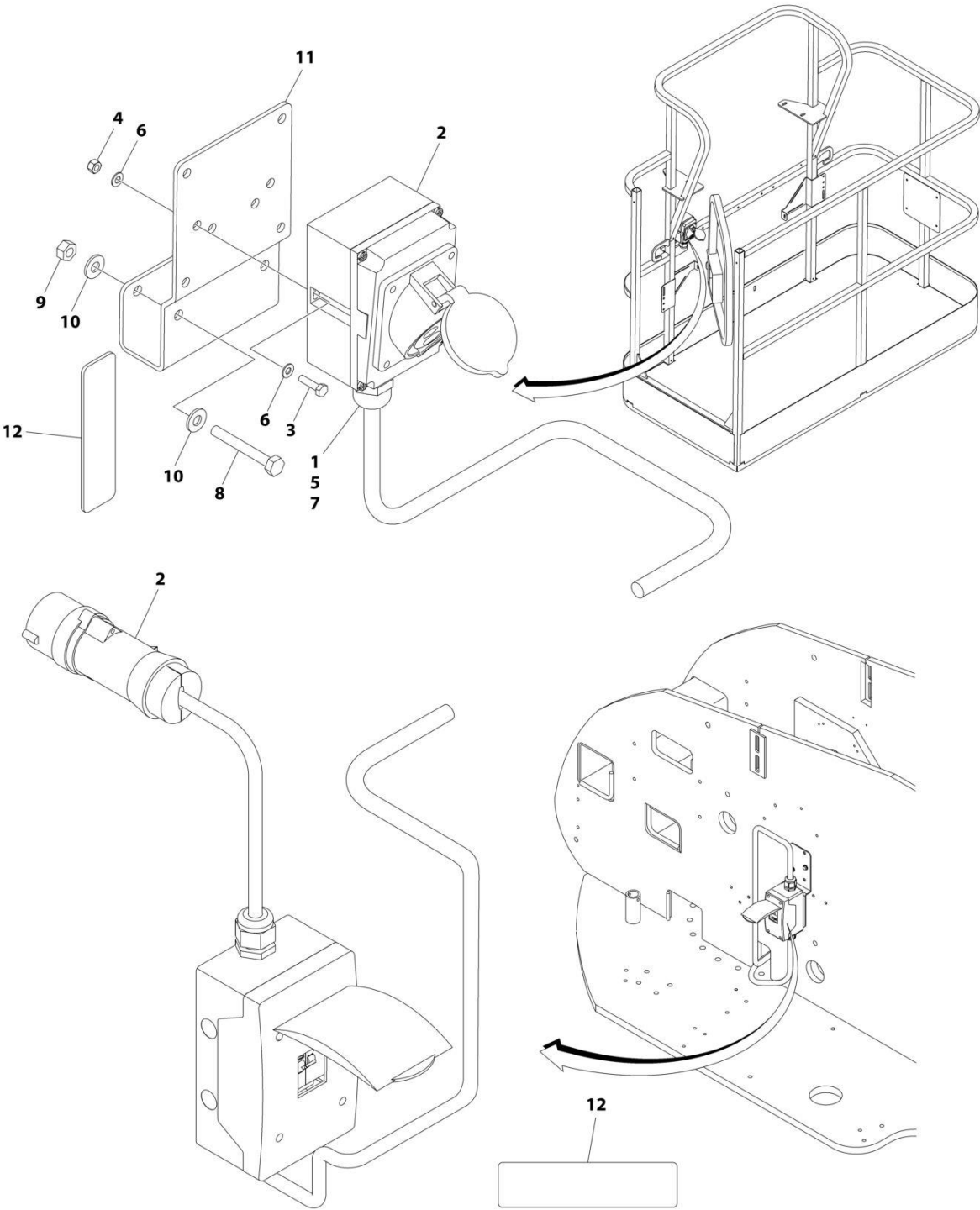
SECTION 8 - ELECTRICAL

**FIGURE 8-8. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE & UK CA SPECS)
(MACHINES WITH 4000W GENERATOR)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206253	Ref	AC BOX AT PLATFORM INSTALLATION - 110V IEC 60309 YELLOW WITHOUT 4000W GENERATOR	A
1	0100020	AR	Sealant, Pipe	
2	0641416	2	Bolt 1/4 x 2	
3	0700408	2	Bolt M4 x 16	
4	0861781	1	Box, Switch	
5	1705325	1	Decal - 110V	
6	3290405	2	Nut M4	
7	3311405	2	Nut 1/4	
8	4461198	1	Receptacle	
9	4711400	4	Washer 1/4	
10	4811400	4	Washer M4	
11	1001101191	1	Connector, Strain Relief	
12	1001101196	1	Adapter	
13	1001193018	1	Bracket, AC Receptacle	

SECTION 8 - ELECTRICAL

FIGURE 8-9. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE & UK CA SPECS)
(MACHINES WITH 2500W GENERATOR OR NO GENERATOR OPTION)



(REF. LOCATED ON ENGINE SIDE HOOD)

ART_1001091970

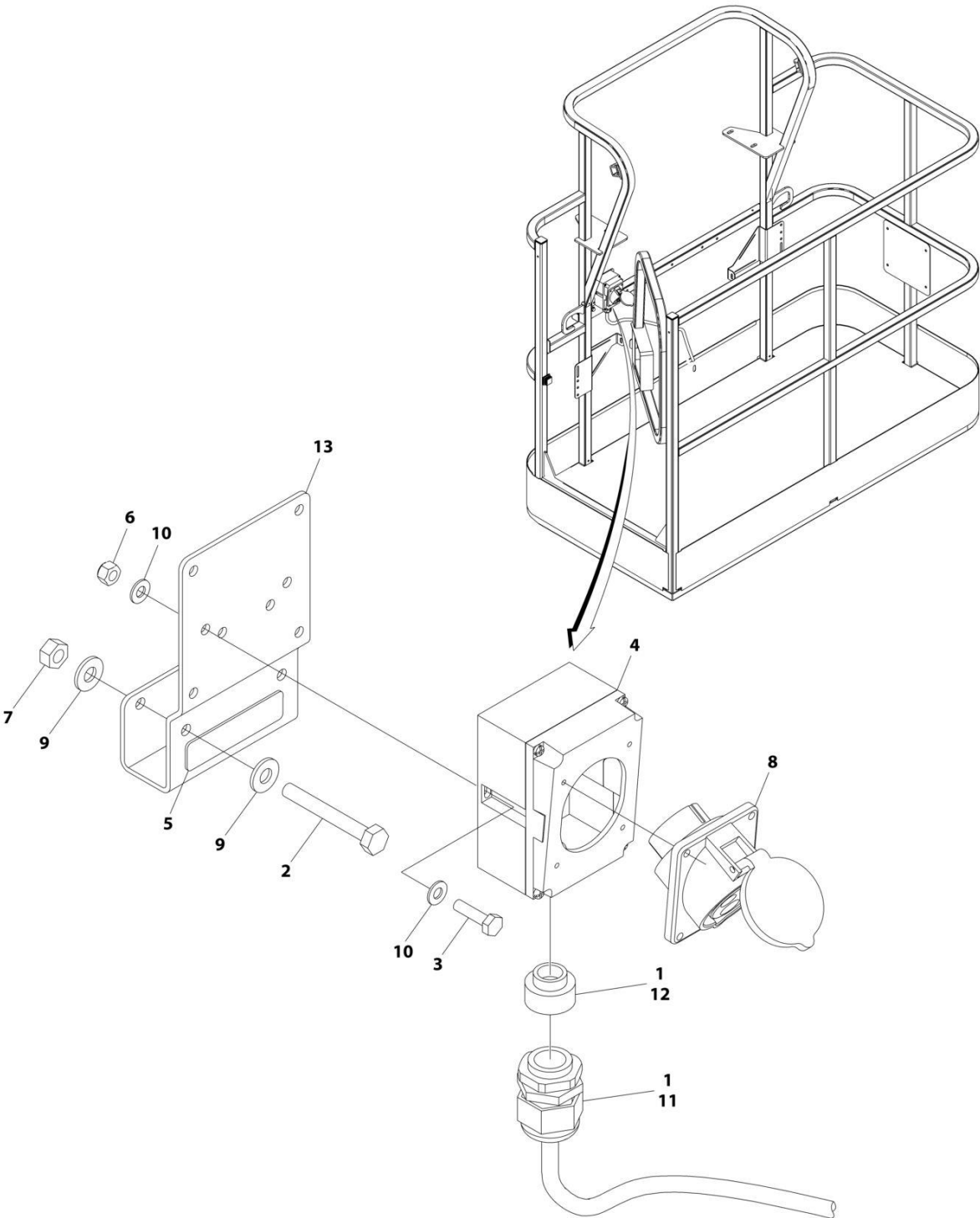
SECTION 8 - ELECTRICAL

**FIGURE 8-9. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE & UK CA SPECS)
(MACHINES WITH 2500W GENERATOR OR NO GENERATOR OPTION)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001091970	Ref	AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE	D
1	0100020	AR	Sealant, Pipe	
2	0275217	1	Receptacle Box Kit (See Separate Breakdown in this Section)	
3	0700408	2	Bolt M4 x 16	
4	3290405	2	Nut M4	
5	1001101196	1	Adapter	
6	4811400	4	Washer M4	
7	1001101191	1	Connector, Strain Relief	
8	0641416	2	Bolt 1/4 x 2	
9	3311405	2	Nut 1/4	
10	4711400	4	Washer 1/4	
11	1001193018	1	Bracket	
12	3251242	2	Decal - 240V/50Hz	

SECTION 8 - ELECTRICAL

**FIGURE 8-10. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE & UK CA SPECS)
(MACHINES WITH 4000W GENERATOR)**



ART_1001206254

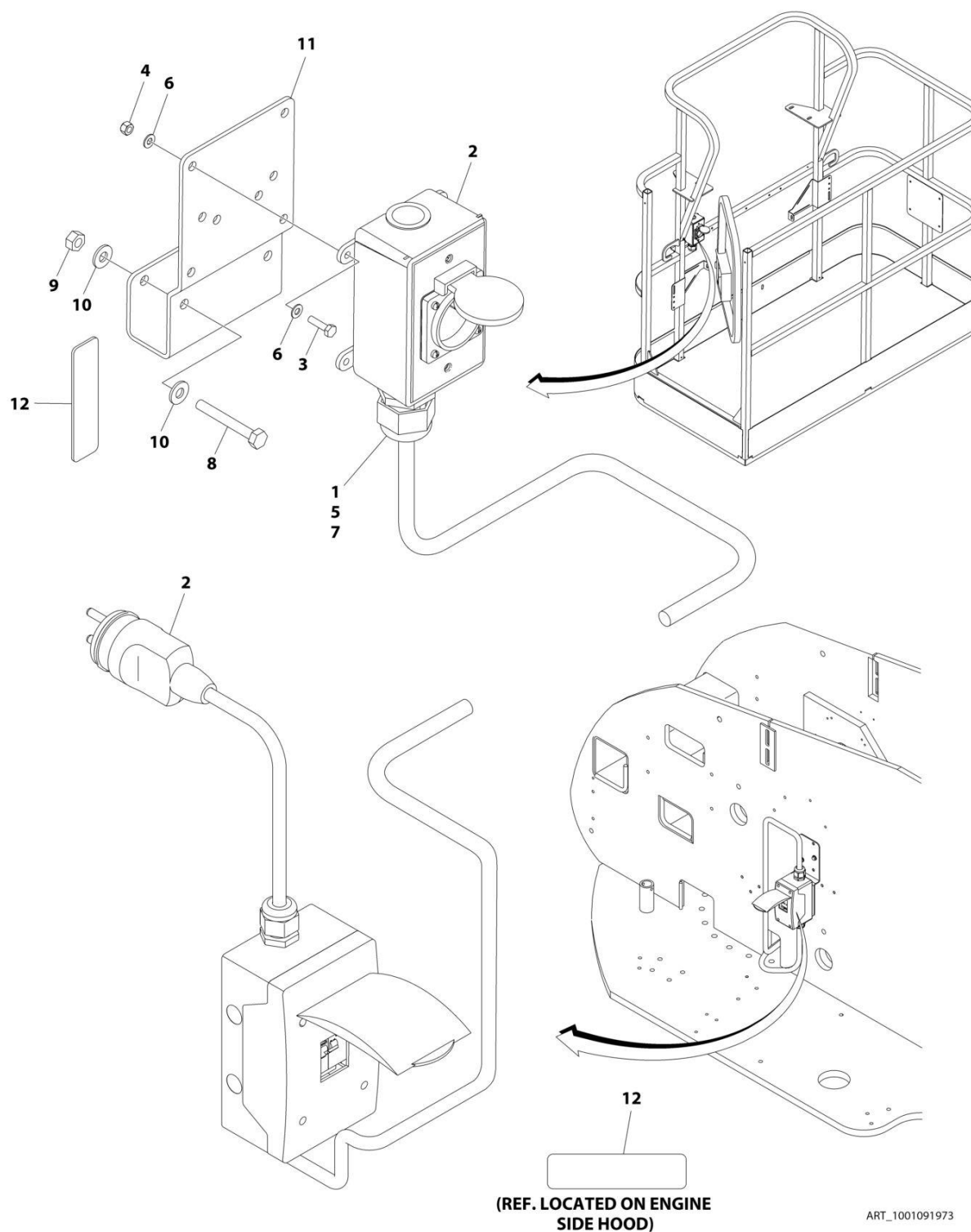
SECTION 8 - ELECTRICAL

**FIGURE 8-10. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE & UK CA SPECS)
(MACHINES WITH 4000W GENERATOR)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206254	Ref	AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE	A
1	0100020	AR	Sealant, Pipe	
2	0641416	2	Bolt 1/4 x 2	
3	0700408	2	Bolt M4 x 16	
4	0861781	1	Box, Switch	
5	3251242	1	Decal - 240V/50Hz	
6	3290405	2	Nut M4	
7	3311405	2	Nut 1/4	
8	4461201	1	Receptacle	
9	4711400	4	Washer 1/4	
10	4811400	4	Washer M4	
11	1001101191	1	Connector, Strain Relief	
12	1001101196	1	Adapter	
13	1001193018	1	Bracket, AC Receptacle	

SECTION 8 - ELECTRICAL

FIGURE 8-11. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND (CE & UK CA SPECS) (MACHINES WITH 2500W GENERATOR OR NO GENERATOR OPTION)



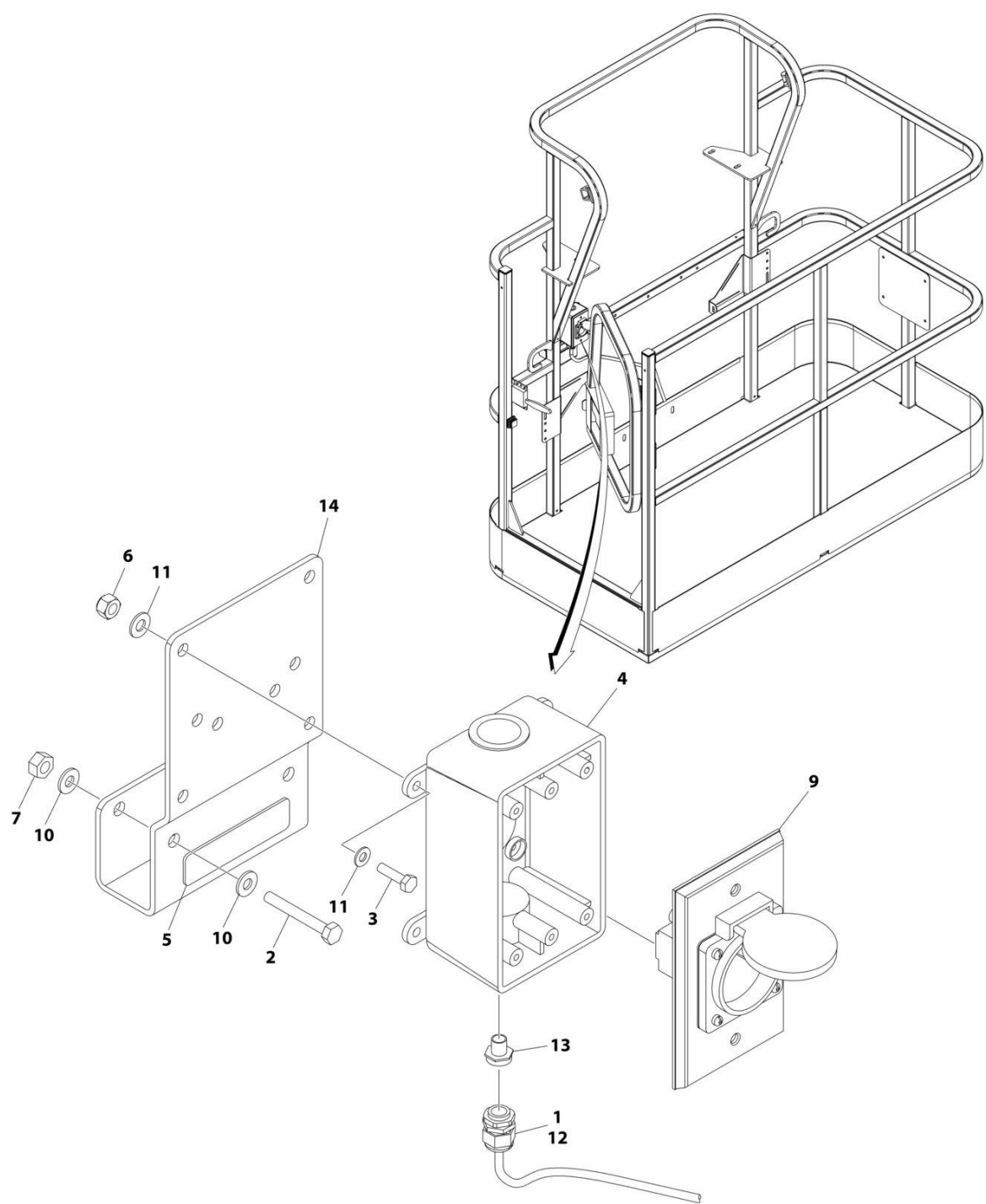
SECTION 8 - ELECTRICAL

FIGURE 8-11. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND (CE & UK CA SPECS) (MACHINES WITH 2500W GENERATOR OR NO GENERATOR OPTION)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001091973	Ref	AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2X4 BOX POST GROUND	F
1	0100020	AR	Sealant, Pipe	
2	0275452	1	Receptacle Box Kit (See Separate Breakdown in this Section)	
3	0700408	4	Bolt M4 x 16	
4	3290405	4	Nut M4	
5	1001101197	1	Adapter	
6	4811400	8	Washer M4	
7	1001101191	1	Connector, Strain Relief	
8	0641416	2	Bolt 1/4 x 2	
9	3311405	2	Nut 1/4	
10	4711400	4	Washer 1/4	
11	1001193018	1	Bracket	
12	3251242	2	Decal - 240V/50Hz	
13	4460806	2	Terminal, Fork (Not Shown)	
14	1001205958	1	Terminal (Not Shown)	

SECTION 8 - ELECTRICAL

FIGURE 8-12. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND (CE & UK CA SPECS) (MACHINES WITH 4000W GENERATOR)



ART_1001206250

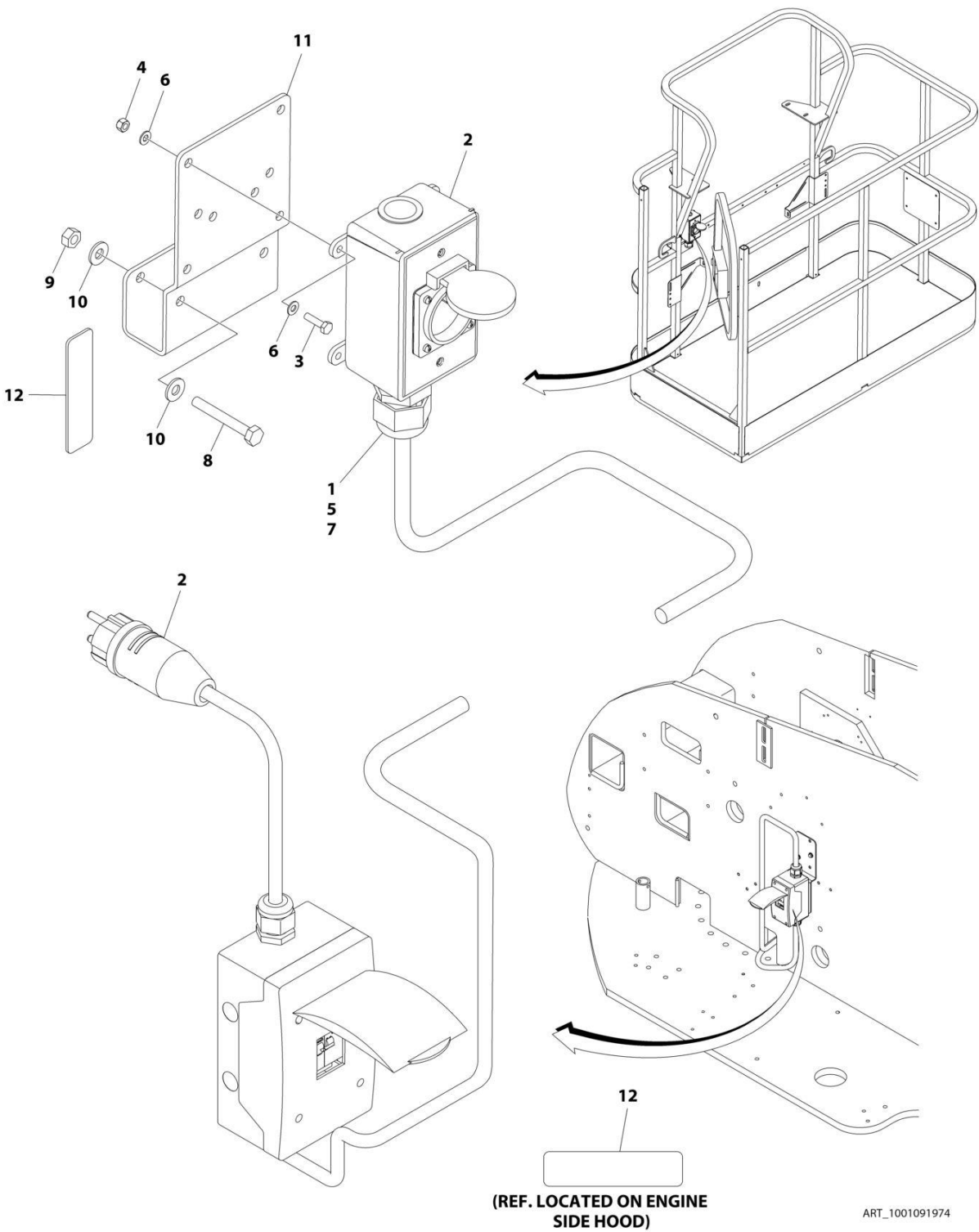
SECTION 8 - ELECTRICAL

FIGURE 8-12. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND (CE & UK CA SPECS) (MACHINES WITH 4000W GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206250	Ref	AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2X4 BOX POST GROUND	A
1	0100020	AR	Sealant, Pipe	
2	0641416	2	Bolt 1/4 x 2	
3	0700408	4	Bolt M4 x 16	
4	0861731	1	Box, Switch	
5	3251242	1	Decal - 240V/50Hz	
6	3290405	4	Nut M4	
7	3311405	2	Nut 1/4	
8	4460806	2	Terminal, Fork (Not Shown)	
9	4461244	1	Receptacle	
10	4711400	4	Washer 1/4	
11	4811400	8	Washer M4	
12	1001101191	1	Connector, Strain Relief	
13	1001101197	1	Adapter	
14	1001193018	1	Bracket, AC Receptacle	
15	1001205958	1	Terminal (Not Shown)	

SECTION 8 - ELECTRICAL

FIGURE 8-13. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND (CE & UK CA SPECS) (MACHINES WITH 2500W GENERATOR OR NO GENERATOR OPTION)



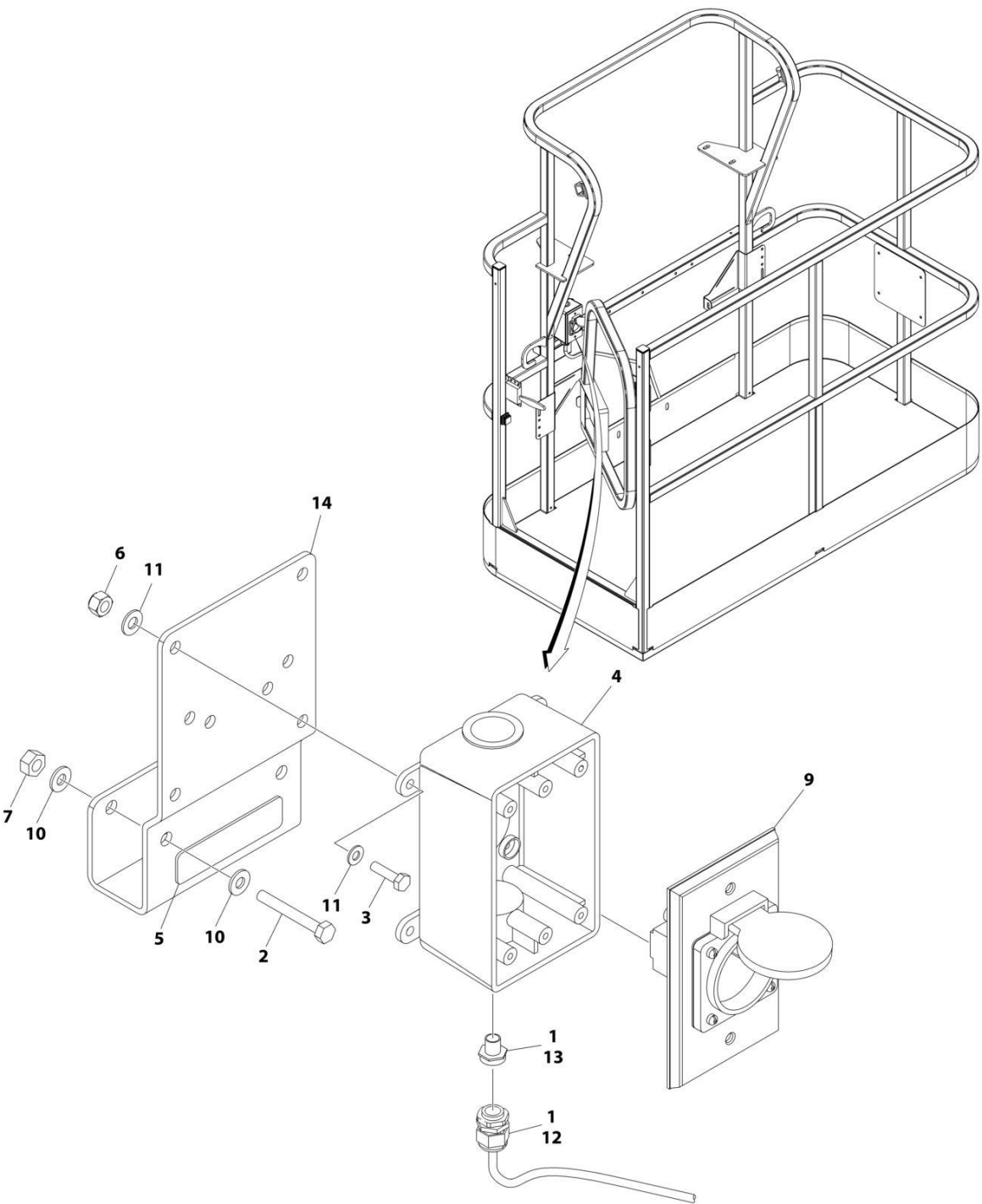
SECTION 8 - ELECTRICAL

FIGURE 8-13. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND (CE & UK CA SPECS) (MACHINES WITH 2500W GENERATOR OR NO GENERATOR OPTION)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001091974	Ref	AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2X4 BOX SIDE GROUND	F
1	0100020	AR	Sealant, Pipe	
2	0275453	1	Receptacle Box Kit (See Separate Breakdown in this Section)	
3	0700408	4	Bolt M4 x 16	
4	3290405	4	Nut M4	
5	1001101197	1	Adapter	
6	4811400	8	Washer M4	
7	1001101191	1	Connector, Strain Relief	
8	0641416	2	Bolt 1/4 x 2	
9	3311405	2	Nut 1/4	
10	4711400	4	Washer 1/4	
11	1001193018	1	Bracket	
12	3251242	2	Decal - 240V/50Hz	
13	4460806	2	Terminal, Fork (Not Shown)	
14	1001205958	1	Terminal (Not Shown)	

SECTION 8 - ELECTRICAL

FIGURE 8-14. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND (CE & UK CA SPECS) (MACHINES WITH 4000W GENERATOR)



ART_1001206251

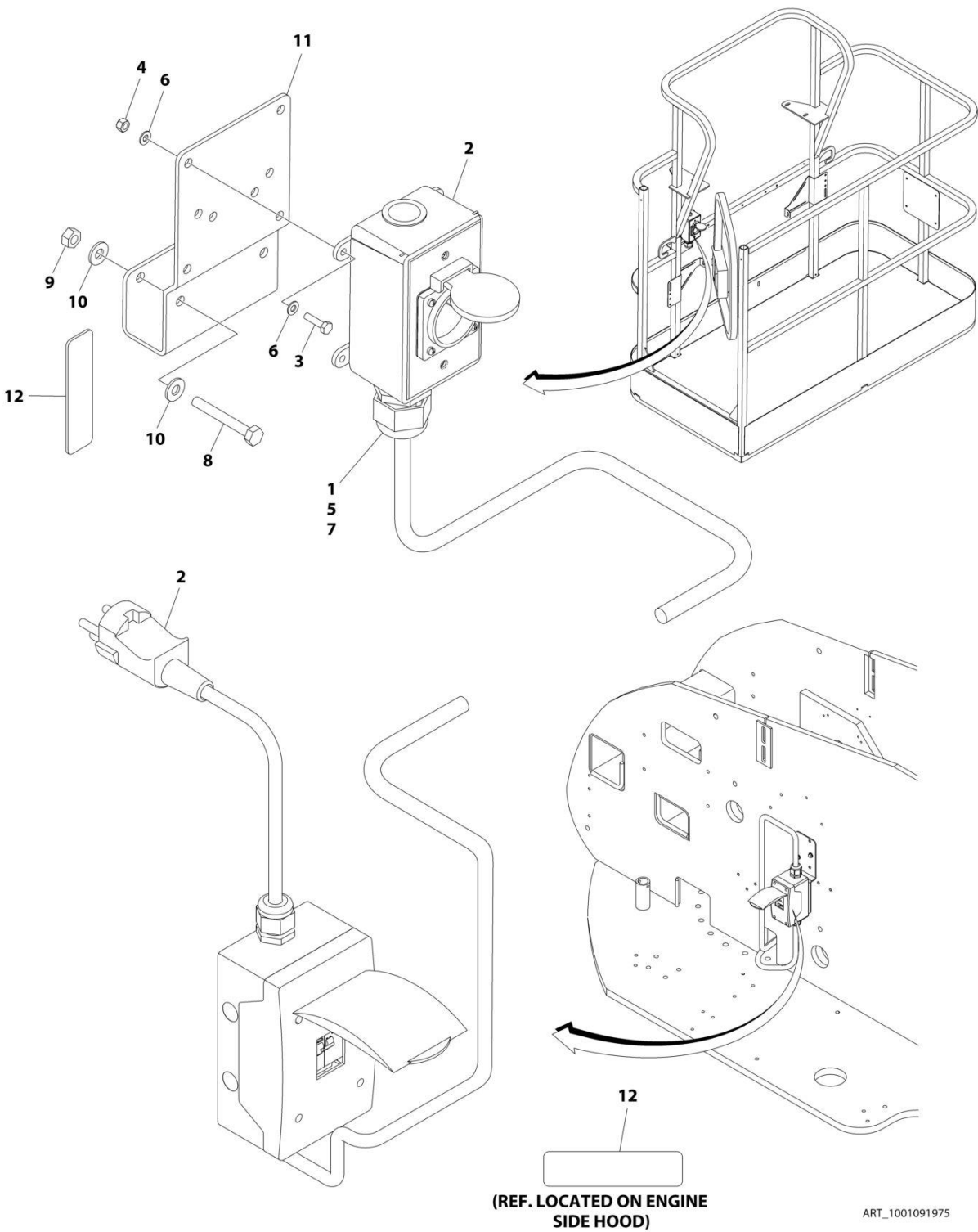
SECTION 8 - ELECTRICAL

FIGURE 8-14. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND (CE & UK CA SPECS) (MACHINES WITH 4000W GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206251	Ref	AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2X4 BOX SIDE GROUND	A
1	0100020	AR	Sealant, Pipe	
2	0641416	2	Bolt 1/4 x 2	
3	0700408	4	Bolt M4 x 16	
4	0861731	1	Box, Switch	
5	3251242	1	Decal - 240V/50Hz	
6	3290405	4	Nut M4	
7	3311405	2	Nut 1/4	
8	4460806	2	Terminal, Fork (Not Shown)	
9	4461245	1	Receptacle	
10	4711400	4	Washer 1/4	
11	4811400	8	Washer M4	
12	1001101191	1	Connector, Strain Relief	
13	1001101197	1	Adapter	
14	1001193018	1	Bracket, AC Receptacle	
15	1001205958	1	Terminal (Not Shown)	

SECTION 8 - ELECTRICAL

FIGURE 8-15. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 KEYED GROUND (CE & UK CA SPECS) (MACHINES WITH 2500W GENERATOR OR NO GENERATOR OPTION)



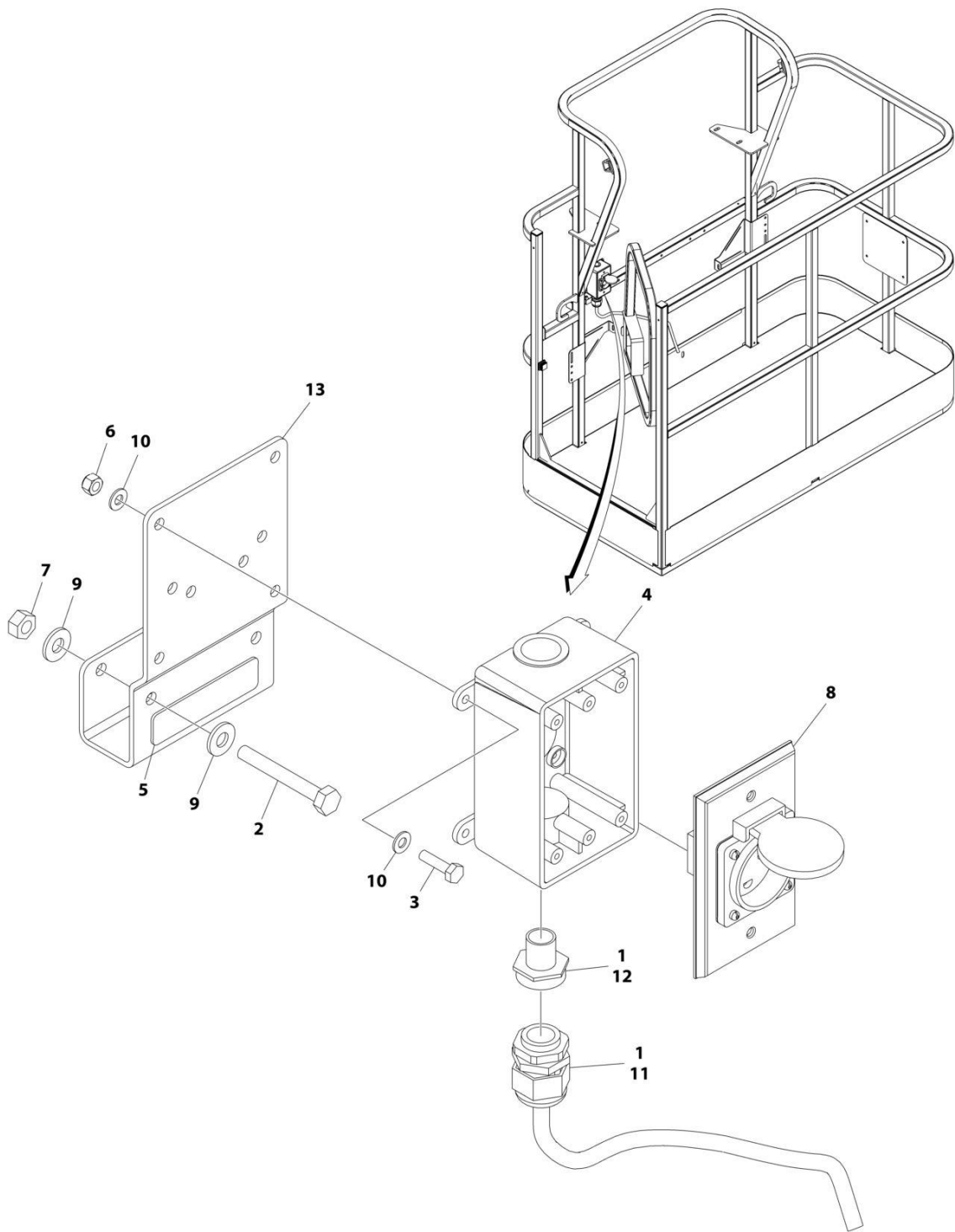
SECTION 8 - ELECTRICAL

FIGURE 8-15. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 KEYED GROUND (CE & UK CA SPECS) (MACHINES WITH 2500W GENERATOR OR NO GENERATOR OPTION)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001091975	Ref	AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 2X4 BOX KEYED GROUND	F
1	0100020	AR	Sealant, Pipe	
2	0275454	1	Receptacle Box Kit (See Separate Breakdown in this Section)	
3	0700408	4	Bolt M4 x 16	
4	3290405	4	Nut M4	
5	1001101197	1	Adapter	
6	4811400	8	Washer M4	
7	1001101191	1	Connector, Strain Relief	
8	0641416	2	Bolt 1/4 x 2	
9	3311405	2	Nut 1/4	
10	4711400	4	Washer 1/4	
11	1001193018	1	Bracket	
12	3251242	2	Decal - 240V/50Hz	
13	1001205958	3	Terminal (Not Shown)	

SECTION 8 - ELECTRICAL

FIGURE 8-16. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 KEYED GROUND (CE & UK CA SPECS) (MACHINES WITH 4000W GENERATOR)



ART_1001206252

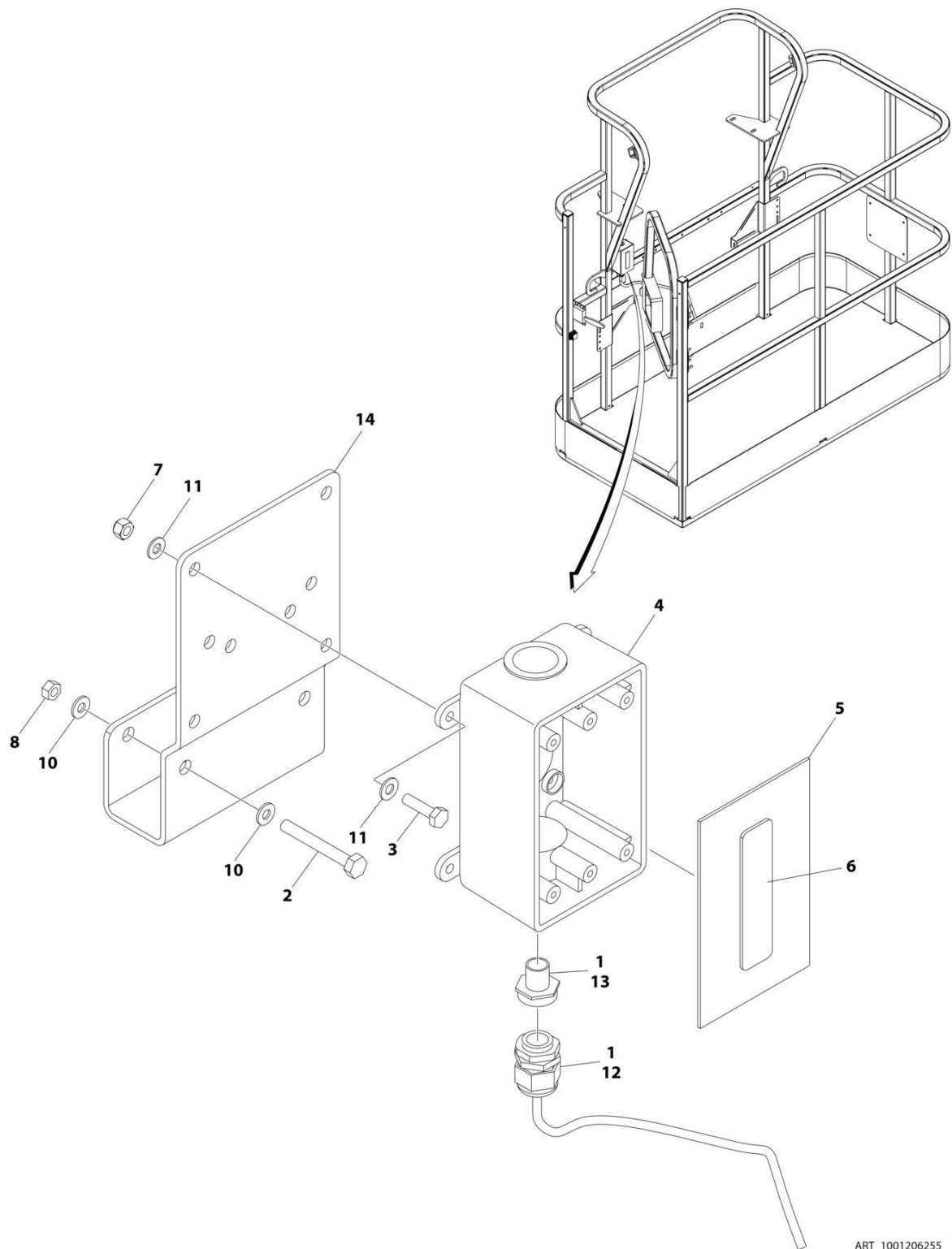
SECTION 8 - ELECTRICAL

FIGURE 8-16. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 KEYED GROUND (CE & UK CA SPECS) (MACHINES WITH 4000W GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206252	Ref	AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 2x4 BOX KEYED GROUND	A
1	0100020	AR	Sealant, Pipe	
2	0641416	2	Bolt 1/4 x 2	
3	0700408	4	Bolt M4 x 16	
4	0861731	1	Box, Switch	
5	3251242	1	Decal - 240V/50Hz	
6	3290405	4	Nut M4	
7	3311405	2	Nut 1/4	
8	4461246	1	Receptacle	
9	4711400	4	Washer 1/4	
10	4811400	8	Washer M4	
11	1001101191	1	Connector, Strain Relief	
12	1001101197	1	Adapter	
13	1001193018	1	Bracket, AC Receptacle	
14	1001205958	3	Terminal (Not Shown)	

SECTION 8 - ELECTRICAL

FIGURE 8-17. AC BOX AT PLATFORM INSTALLATION - 220V (2X4 BOX & COVER ONLY - LOCALLY SUPPLIED RECEPTACLE) (4000W GENERATOR)



ART_1001206255

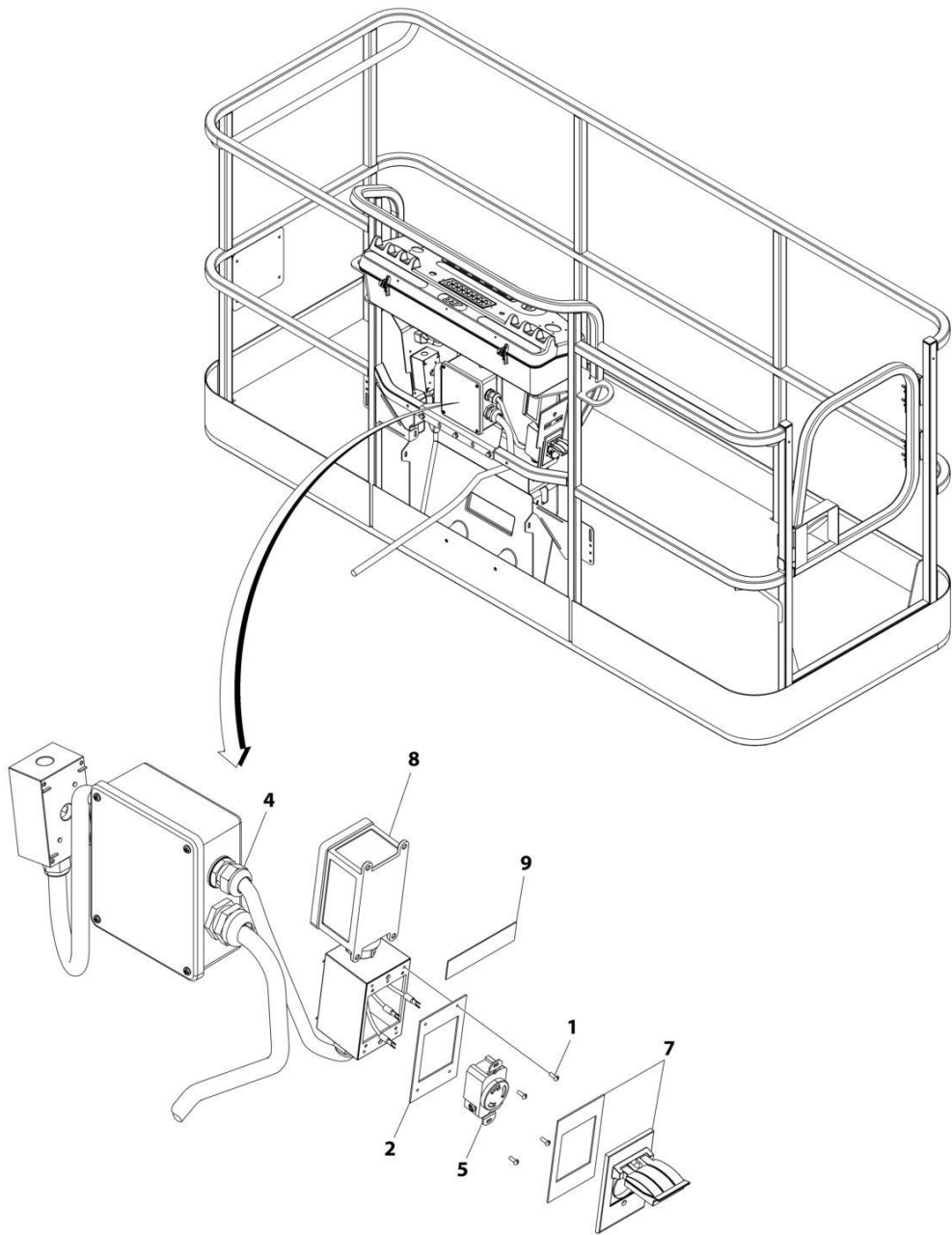
SECTION 8 - ELECTRICAL

FIGURE 8-17. AC BOX AT PLATFORM INSTALLATION - 220V (2X4 BOX & COVER ONLY - LOCALLY SUPPLIED RECEPTACLE) (4000W GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206255	Ref	AC BOX AT PLATFORM INSTALLATION - BOX WITH COVER (2X4 BOX) WITH 4000W GENERATOR	A
1	0100020	AR	Sealant, Pipe	
2	0641416	2	Bolt 1/4 x 2	
3	0700408	4	Bolt M4 x 16	
4	0861731	1	Box, Switch	
5	1670603	1	Cover	
6	3251242	1	Decal - 240V-50Hz	
7	3290405	4	Nut M4	
8	3311405	2	Nut 1/4	
10	4711400	4	Washer 1/4	
11	4811400	8	Washer M4	
12	1001101191	1	Connector, Strain Relief	
13	1001101197	1	Adapter	
14	1001193018	1	Bracket, AC Receptacle	

SECTION 8 - ELECTRICAL

FIGURE 8-18. AC BOX AT PLATFORM INSTALLATION - 240V GFCI RECEPTACLE (ANSI, ANSI EXPORT AND CSA SPECS WITH 4000W SKYPOWER GENERATOR)



ART_1001171131

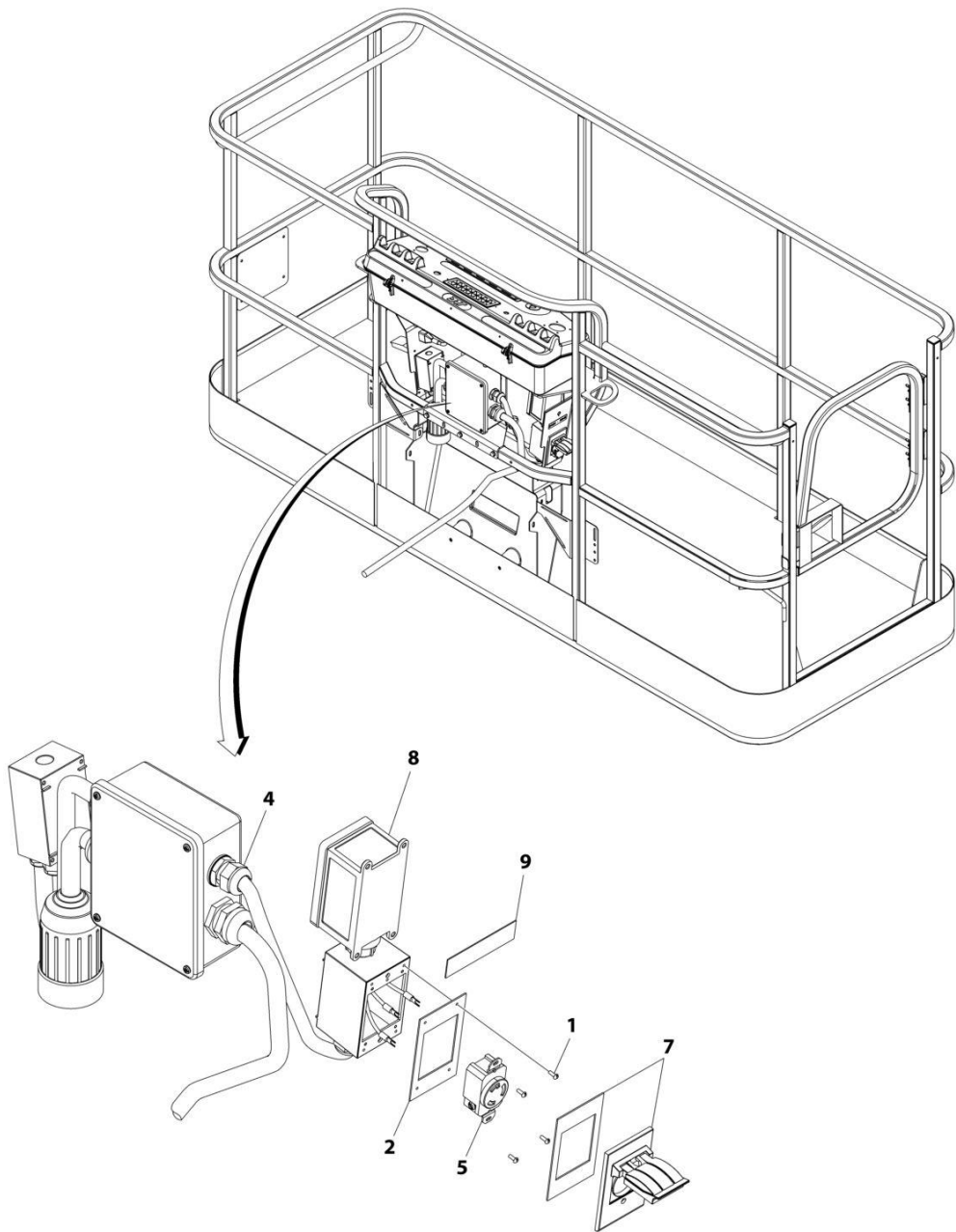
SECTION 8 - ELECTRICAL

FIGURE 8-18. AC BOX AT PLATFORM INSTALLATION - 240V GFCI RECEPTACLE (ANSI, ANSI EXPORT AND CSA SPECS WITH 4000W SKYPOWER GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171131	Ref	AC BOX AT PLATFORM INSTALLATION - 240V RECEPTACLE	B
1	3910606	4	Screw 6 x 3/8	
2	3960422	1	Gasket	
3	4240018	AR	Tie-Strap (Not Shown)	
4	4460425	1	Connector, Strain Relief	
5	1001176862	1	Receptacle	
7	1001110872	1	Cover, Receptacle	
8	1001159120	1	Receptacle/Breaker Box Assembly	
8	1001148675	1	Box, Receptacle	
8	1001159118	1	Breaker GFCI 30Amp 240VAC	
8	4460612	1	Connector, Strain Relief	
8	1001159119	1	Connector (Between Boxes)	
9	1705374	1	Decal - 240V/60Hz	

SECTION 8 - ELECTRICAL

FIGURE 8-19. AC BOX AT PLATFORM INSTALLATION - 240V GFCI RECEPTACLE (ANSI AND CSA SPECS WITH 7500W SKYPOWER GENERATOR)



ART_1001159121

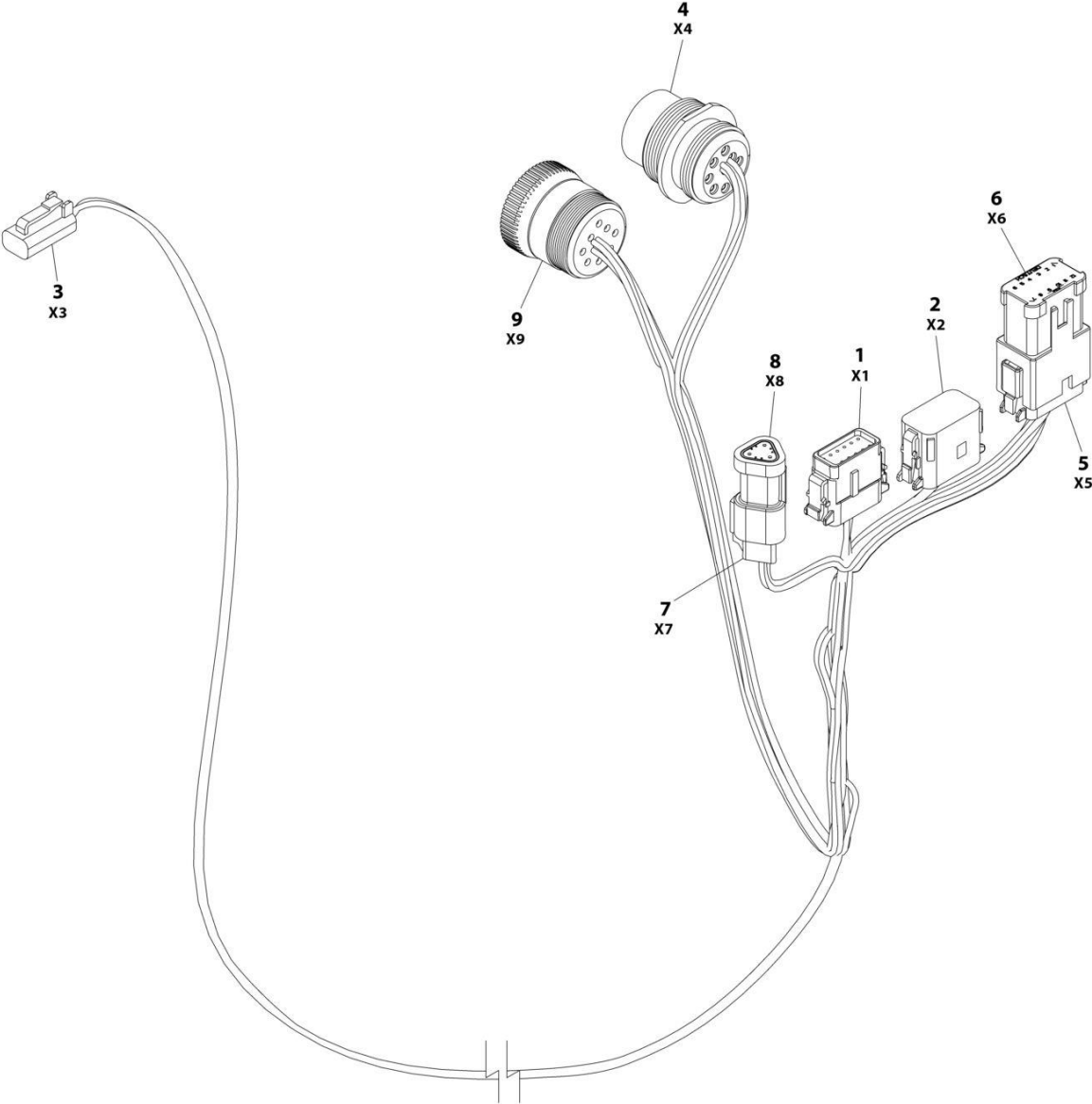
SECTION 8 - ELECTRICAL

FIGURE 8-19. AC BOX AT PLATFORM INSTALLATION - 240V GFCI RECEPTACLE (ANSI AND CSA SPECS WITH 7500W SKYPOWER GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001159121	Ref	AC BOX AT PLATFORM INSTALLATION - 240V RECEPTACLE	B
1	3910606	4	Screw 6 x 3/8	
2	3960422	1	Gasket	
3	4240018	AR	Tie-Strap (Not Shown)	
4	4460425	1	Connector, Strain Relief	
5	4460958	1	Receptacle	
7	1001110872	1	Cover, Receptacle	
8	1001159120	1	Receptacle/Breaker Box Assembly	
8	1001148675	1	Box, Receptacle	
8	1001159118	1	Breaker Box Assembly	
8	4460612	1	Connector, Strain Relief	
8	1001159119	1	Connector (Between Boxes)	
9	1705374	1	Decal - 240V/60Hz	

SECTION 8 - ELECTRICAL

FIGURE 8-20. BEACON CONTROL HARNESS (BLUE AND RED STROBE LIGHTS)



ART_1001142736

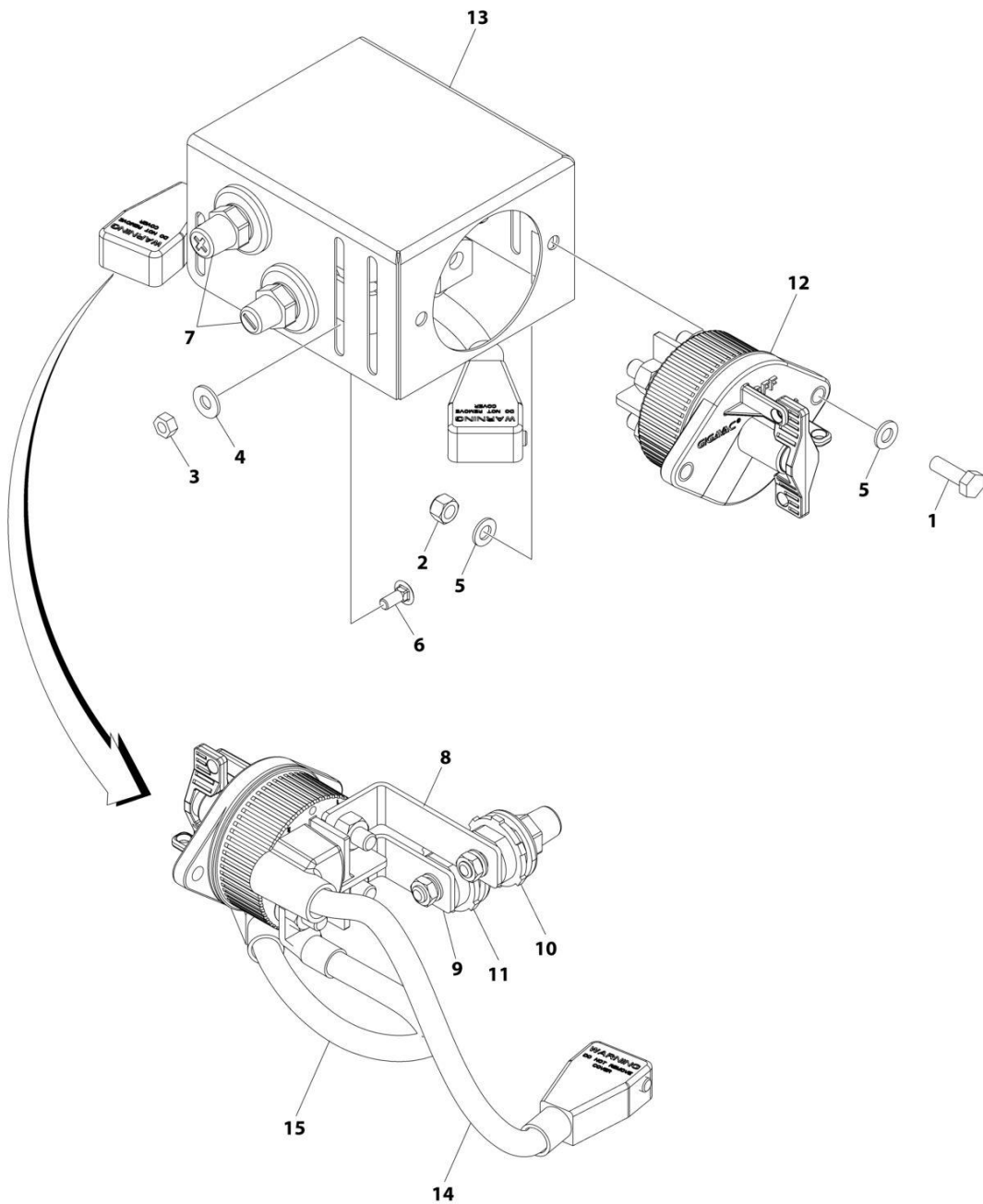
SECTION 8 - ELECTRICAL

FIGURE 8-20. BEACON CONTROL HARNESS (BLUE AND RED STROBE LIGHTS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142736	Ref	STROBE LIGHT HARNESS	F
1	1001116808	1	Plug, Male - 12 Position	
1	4460928	3	Socket, Female	
1	4460518	9	Plug, Terminal	
2	1001116774	1	Plug, Male - 12 Position	
2	4460928	3	Socket, Female	
2	4460518	9	Plug, Terminal	
3	4460891	1	Plug, Male - 2 Position	
3	4460465	2	Socket, Female	
4	1001112612	1	Connector - 9 Position	
4	4460464	6	Pin, Male	
4	4460466	3	Plug, Terminal	
5	4460933	1	Plug, Male - 12 Position	
5	4460465	12	Socket, Female	
6	1001119020	1	Bussbar - 12 Position	
7	4461095	1	Plug, Male - 3 Position	
7	4460465	3	Socket, Female	
8	4461070	1	Bussbar - 3 Position	
9	1001112796	1	Connector - 9 Position	
9	4460465	6	Socket, Female	
9	4460466	3	Plug, Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-21. BATTERY DISCONNECT SWITCH INSTALLATION



ART_1001236304

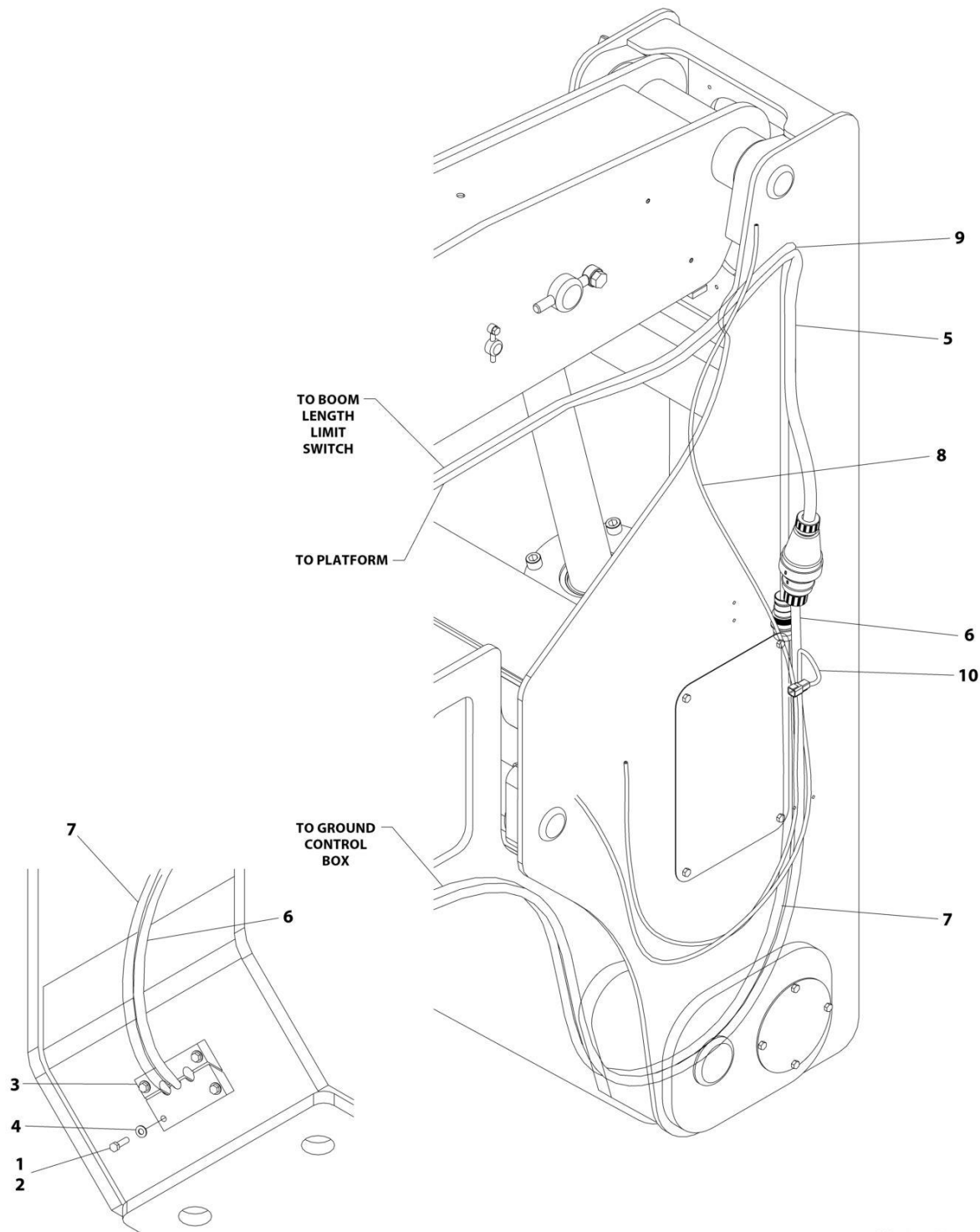
SECTION 8 - ELECTRICAL

FIGURE 8-21. BATTERY DISCONNECT SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236304	Ref	BATTERY DISCONNECT SWITCH INSTALLATION	A
1	0760812	2	Bolt M8 x 25	
2	3290805	2	Nut M8	
3	3311405	3	Nut 1/4	
4	4751400	3	Washer 1/4	
5	4811900	4	Washer M8	
6	88411013	3	Bolt 1/4 x 3/4	
7	1001206476	1	Connectors, Post	
8	1001209432	1	Bussbar	
9	1001209474	1	Bussbar	
10	1001214570	1	Connector (Red)	
11	1001214571	1	Connector (Black)	
12	1001225346	1	Switch, Battery	
13	1001226531	1	Mount	
14	1001236504	1	Cable, Battery (+)	
15	1001236505	1	Cable, Battery (-)	

SECTION 8 - ELECTRICAL

FIGURE 8-22. BOOM CABLES INSTALLATION - WITH 2500W GENERATOR OR NO GENERATOR
OPTION (ANSI & CSA SPECS)



ART_1001227610

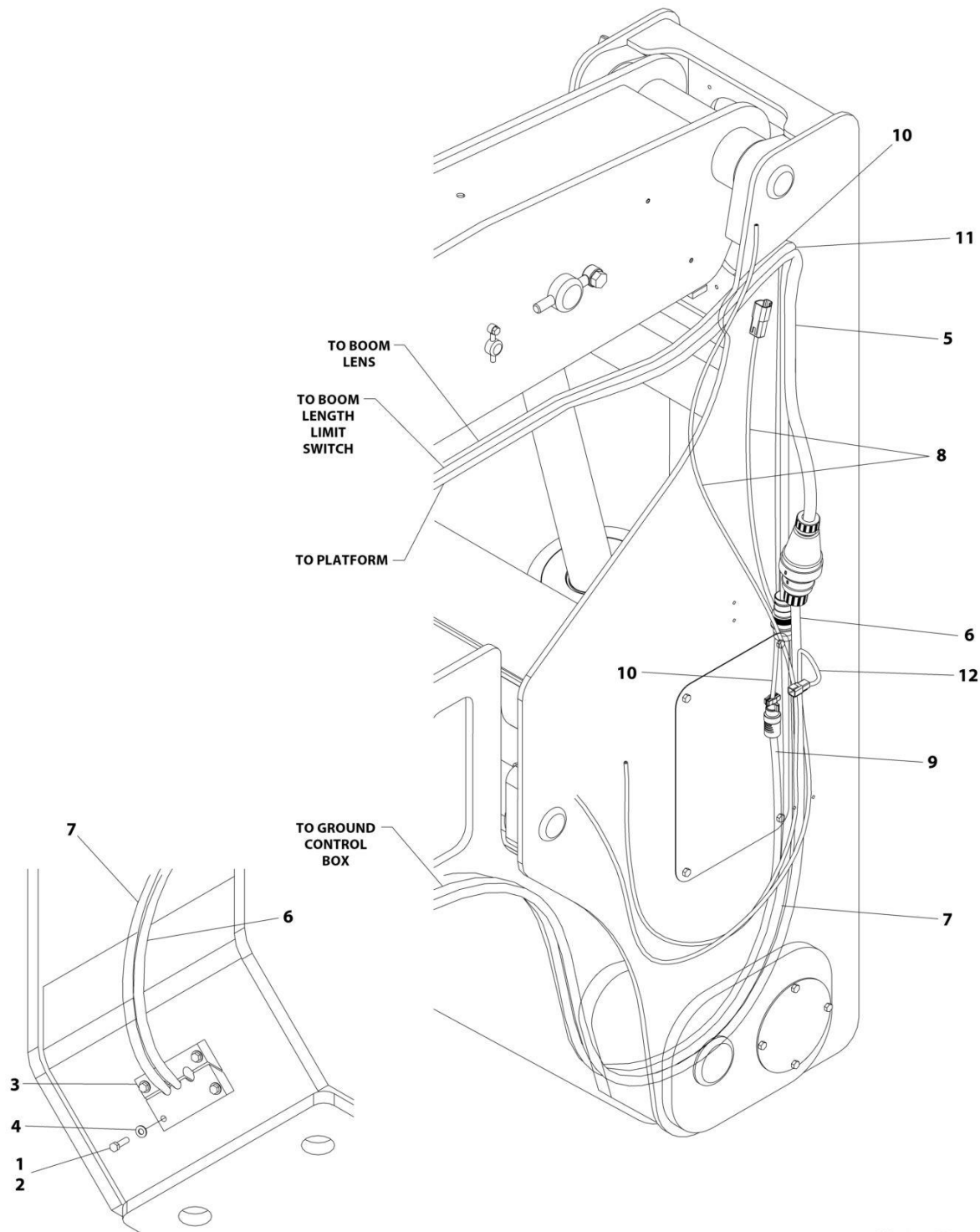
SECTION 8 - ELECTRICAL

**FIGURE 8-22. BOOM CABLES INSTALLATION - WITH 2500W GENERATOR OR NO GENERATOR
OPTION (ANSI & CSA SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227610	Ref	BOOM CABLES INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	1320256	1	Clamp, Block	
4	4711600	4	Washer 3/8	
5	4922216	1	AC Cable, 10/3 (Main Boom)	
6	4922217	1	AC Cable, 10/3 (Tower Boom)	
7	4922576	1	Boom Cable - Tower Boom (See Separate Breakdown in this	
8	4922578	2	Cable, Main Boom Elevation Limit Switch	
9	1001227518	1	Boom Cable - Main Boom (See Separate Breakdown in this	
10	1001227359	1	Tilt Sensor Harness	
10	1001097051	1	Connector - 4 Position	
10	1001097082	3	Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-23. BOOM CABLES INSTALLATION - WITH 2500W GENERATOR OR NO GENERATOR
OPTION (CE & UK CA SPECS)



ART_1001227783

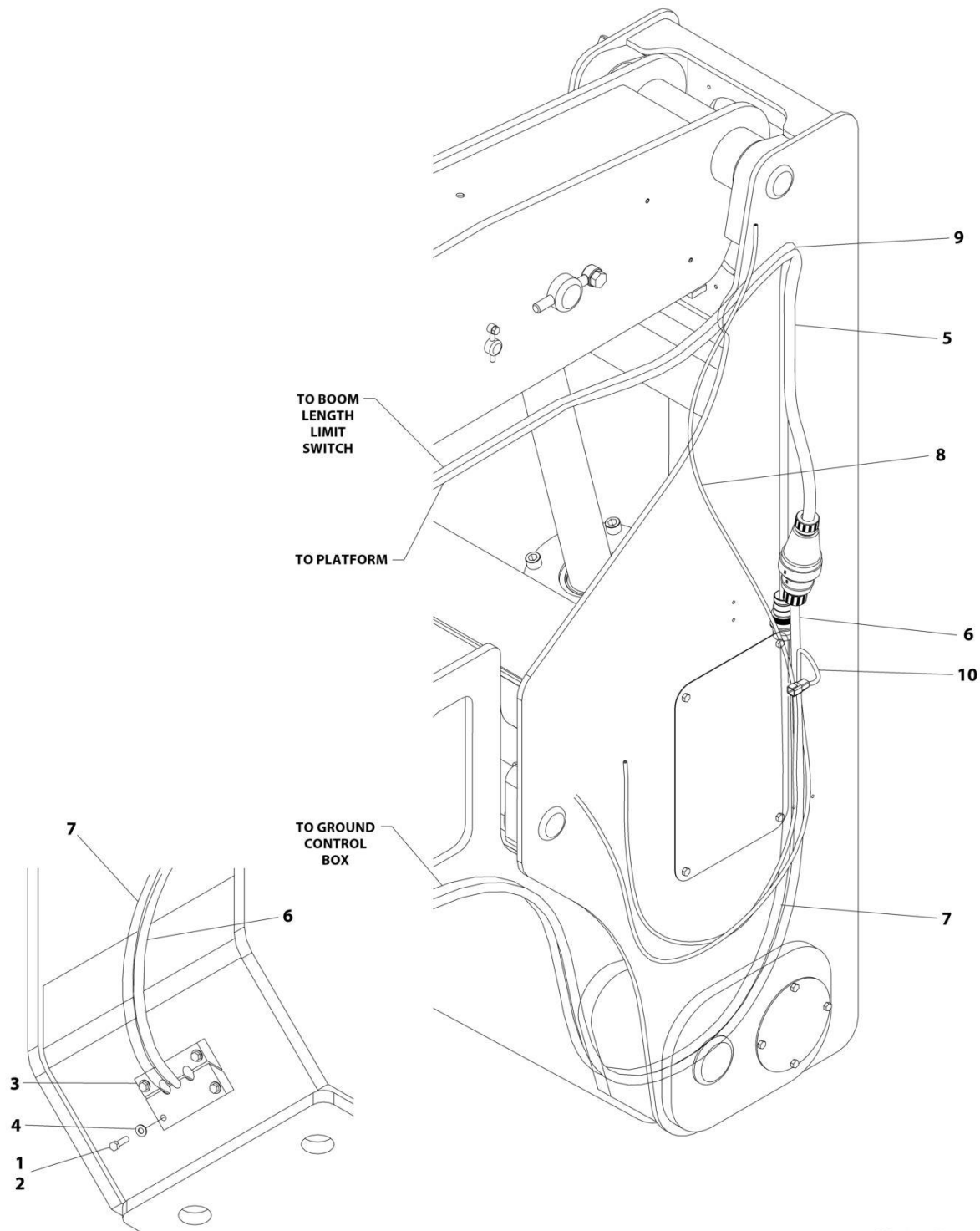
SECTION 8 - ELECTRICAL

**FIGURE 8-23. BOOM CABLES INSTALLATION - WITH 2500W GENERATOR OR NO GENERATOR
OPTION (CE & UK CA SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227783	Ref	BOOM CABLES INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641612	4	Bolt 3/8 X 1-1/2	
3	1320256	1	Clamp, Block	
4	4711600	4	Washer 3/8	
5	4922219	1	AC Cable, 10/3 (Main Boom)	
6	4922220	1	AC Cable, 10/3 (Tower Boom)	
7	4922576	1	Boom Cable - Tower Boom (See Separate Breakdown in this Section)	
8	4922578	2	Main Boom Elevation Limit Switch Harness	
9	4922579	1	Boom Lens Harness (Tower Boom)	
9	4460891	1	Plug, Male - 2 Position	
9	4460465	2	Socket, Female	
10	4922580	1	Boom Lens Harness (Main Boom)	
10	4460897	1	Receptacle, Female - 2 Position	
10	4460464	2	Pin, Male	
11	1001227518	1	Boom Cable - Main Boom (See Separate Breakdown in this Section)	
12	1001227359	1	Tilt Sensor Harness	
12	1001097051	1	Connector - 4 Position	
12	1001097082	3	Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-24. BOOM CABLES INSTALLATION - WITH 2500W GENERATOR OR NO GENERATOR
OPTION (ANSI EXPORT, AUSTRALIAN, CHINA & JAPANESE SPECS)



ART_1001227800

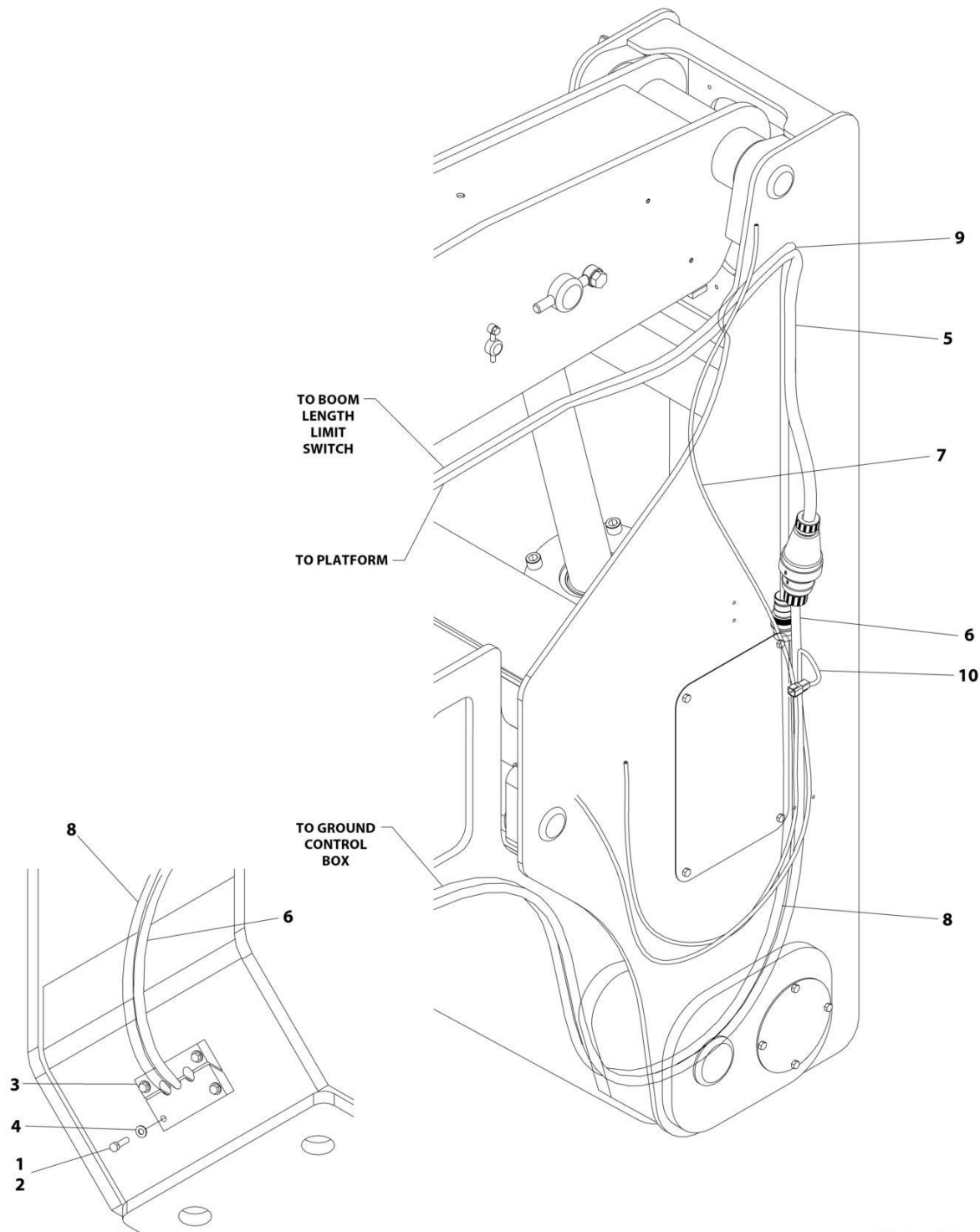
SECTION 8 - ELECTRICAL

FIGURE 8-24. BOOM CABLES INSTALLATION - WITH 2500W GENERATOR OR NO GENERATOR OPTION (ANSI EXPORT, AUSTRALIAN, CHINA & JAPANESE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227800	Ref	BOOM CABLES INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	1320256	1	Clamp, Block	
4	4711600	4	Washer 3/8	
5	4922219	1	AC Cable, 10/3 (Main Boom)	
6	4922220	1	AC Cable, 10/3 (Tower Boom)	
7	4922576	1	Boom Cable - Tower Boom (See Separate Breakdown in this Section)	
8	4922578	2	Cable, Main Boom Elevation Limit Switch	
9	1001227518	1	Boom Cable - Main Boom (See Separate Breakdown in this Section)	
10	1001227359	1	Tilt Sensor Harness	
10	1001097051	1	Connector - 4 Position	
10	1001097082	3	Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-25. BOOM CABLES INSTALLATION - WITH 2500W GENERATOR OR NO GENERATOR
OPTION & ARCTIC PACKAGE (ANSI, ANSI EXPORT, CHINA & CSA SPECS)



ART_1001227785

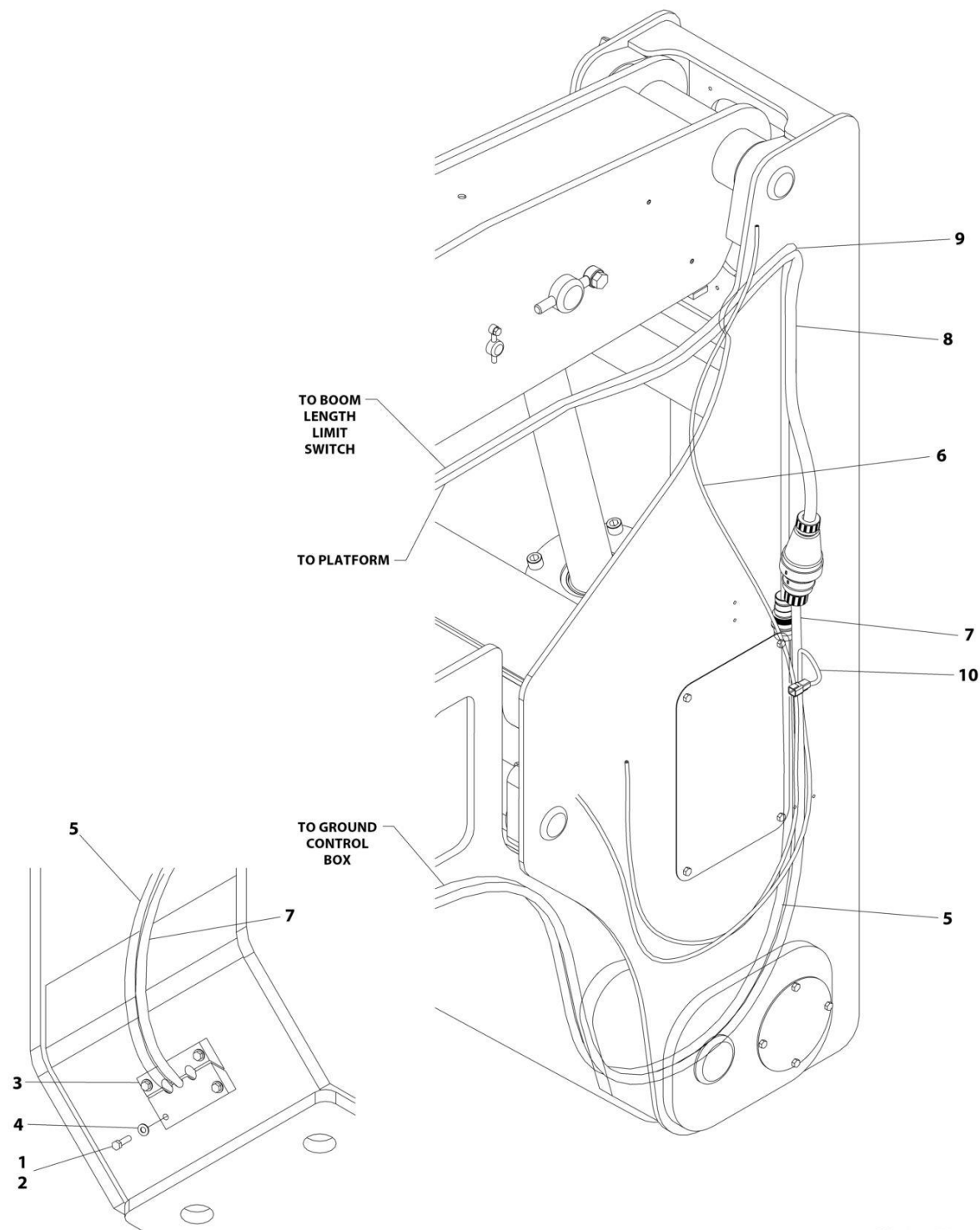
SECTION 8 - ELECTRICAL

FIGURE 8-25. BOOM CABLES INSTALLATION - WITH 2500W GENERATOR OR NO GENERATOR OPTION & ARCTIC PACKAGE (ANSI, ANSI EXPORT, CHINA & CSA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227785	Ref	BOOM CABLES INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	1320256	1	Clamp, Block	
4	4711600	4	Washer 3/8	
5	4923485	1	AC Cable, 10/3 (Main Boom)	
6	4923486	1	AC Cable, 10/3 (Tower Boom)	
7	4923487	1	Cable, Main Boom Elevation Limit Switch	
8	4923489	1	Boom Cable - Tower Boom (See Separate Breakdown in this Section)	
9	1001227351	1	Boom Cable - Main Boom (See Separate Breakdown in this Section)	
10	1001227359	1	Tilt Sensor Harness	
10	1001097051	1	Connector - 4 Position	
10	1001097082	3	Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-26. BOOM CABLES INSTALLATION - WITH 4000W GENERATOR (ALL SPECS)



ART_1001227520

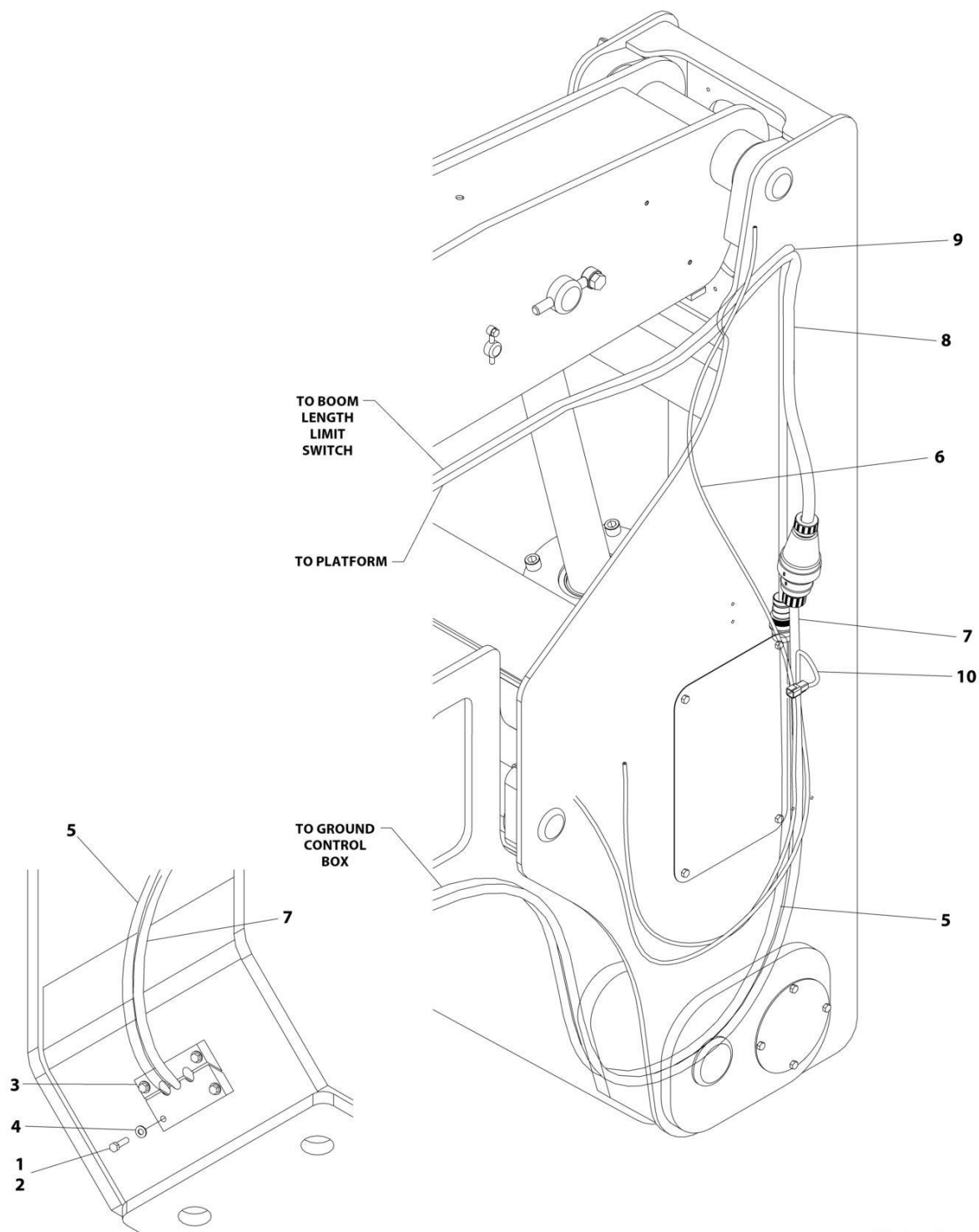
SECTION 8 - ELECTRICAL

FIGURE 8-26. BOOM CABLES INSTALLATION - WITH 4000W GENERATOR (ALL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227520	Ref	BOOM CABLES INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	1320256	1	Clamp, Block	
4	4711600	4	Washer 3/8	
5	4922576	1	Boom Cable - Tower Boom (See Separate Breakdown in this Section)	
6	4922578	2	Cable, Main Boom Elevation Limit Switch	
7	1001156693	1	AC Cable, 10/4 (Tower Boom)	
8	1001156694	1	AC Cable, 10/4 (Main Boom)	
9	1001227518	1	Boom Cable - Main Boom (See Separate Breakdown in this Section)	
10	1001227359	1	Tilt Sensor Harness	
10	1001097051	1	Connector - 4 Position	
10	1001097082	3	Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-27. BOOM CABLES INSTALLATION - WITH 7500W SKYPOWER GENERATOR (ALL SPECS EXCEPT CE & UK CA SPECS)



ART_1001227782

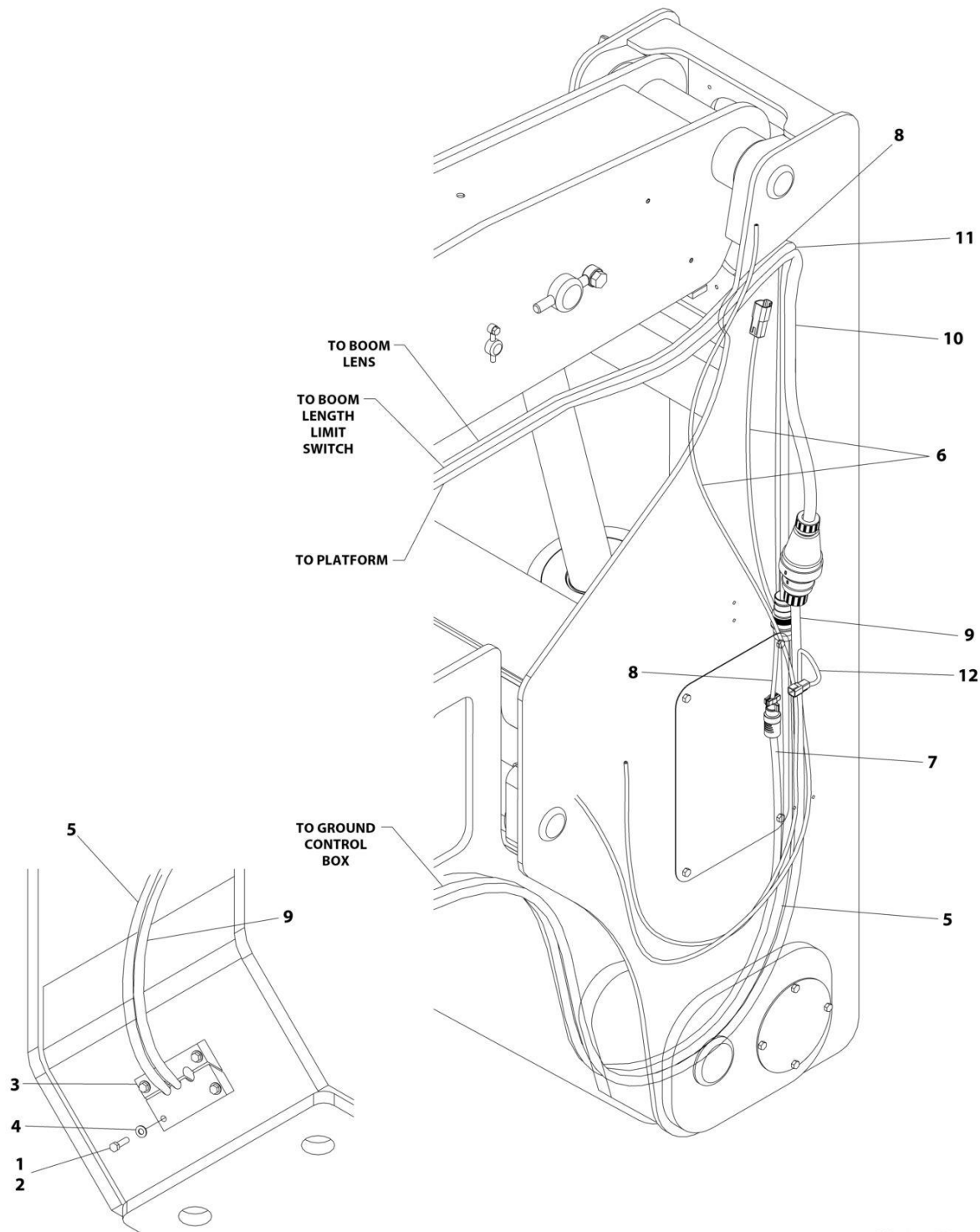
SECTION 8 - ELECTRICAL

FIGURE 8-27. BOOM CABLES INSTALLATION - WITH 7500W SKYPOWER GENERATOR (ALL SPECS EXCEPT CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227782	Ref	BOOM CABLES INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	1320256	1	Clamp, Block	
4	4711600	4	Washer 3/8	
5	4922576	1	Boom Cable - Tower Boom (See Separate Breakdown in this Section)	
6	4922578	2	Cable, Main Boom Elevation Limit Switch	
7	1001125125	1	AC Cable, 8/5 (Tower Boom)	
8	1001125126	1	AC Cable, 8/5 (Main Boom)	
9	1001227518	1	Boom Cable - Main Boom (See Separate Breakdown in this Section)	
10	1001227359	1	Tilt Sensor Harness	
10	1001097051	1	Connector - 4 Position	
10	1001097082	3	Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-28. BOOM CABLES INSTALLATION - WITH 7500W SKYPOWER GENERATOR (CE & UK CA SPECS)



ART_1001227781

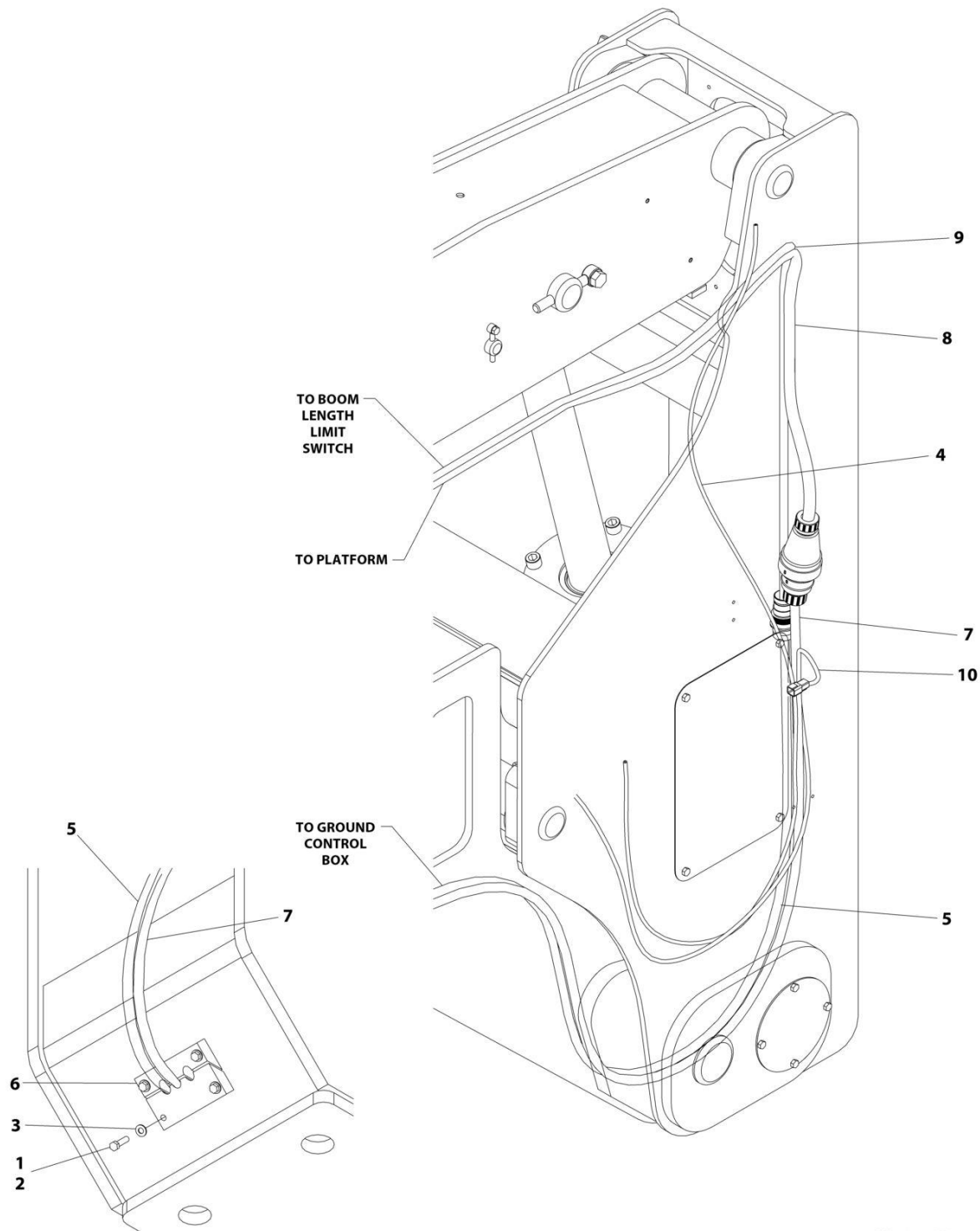
SECTION 8 - ELECTRICAL

FIGURE 8-28. BOOM CABLES INSTALLATION - WITH 7500W SKYPOWER GENERATOR (CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227781	Ref	BOOM CABLES INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641612	4	Bolt 3/8 X 1-1/2	
3	1320256	1	Clamp, Block	
4	4711600	4	Washer 3/8	
5	4922576	1	Boom Cable - Tower Boom (See Separate Breakdown in this Section)	
6	4922578	2	Main Boom Elevation Limit Switch Harness	
7	4922579	1	Boom Lens Harness (Tower Boom)	
7	4460891	1	Plug, Male - 2 Position	
7	4460465	2	Socket, Female	
8	4922580	1	Boom Lens Harness (Main Boom)	
8	4460897	1	Receptacle, Female - 2 Position	
8	4460464	2	Pin, Male	
9	1001125125	1	AC Cable, 8/5 (Tower Boom)	
10	1001125126	1	AC Cable, 8/5 (Main Boom)	
11	1001227518	1	Boom Cable - Main Boom (See Separate Breakdown in this Section)	
12	1001227359	1	Tilt Sensor Harness	
12	1001097051	1	Connector - 4 Position	
12	1001097082	3	Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-29. BOOM CABLES INSTALLATION - WITH 7500W SKYPOWER GENERATOR & ARCTIC PACKAGE (ANIT, ANSI EXPORT, CHINA & CSA SPECS)



ART_1001227799

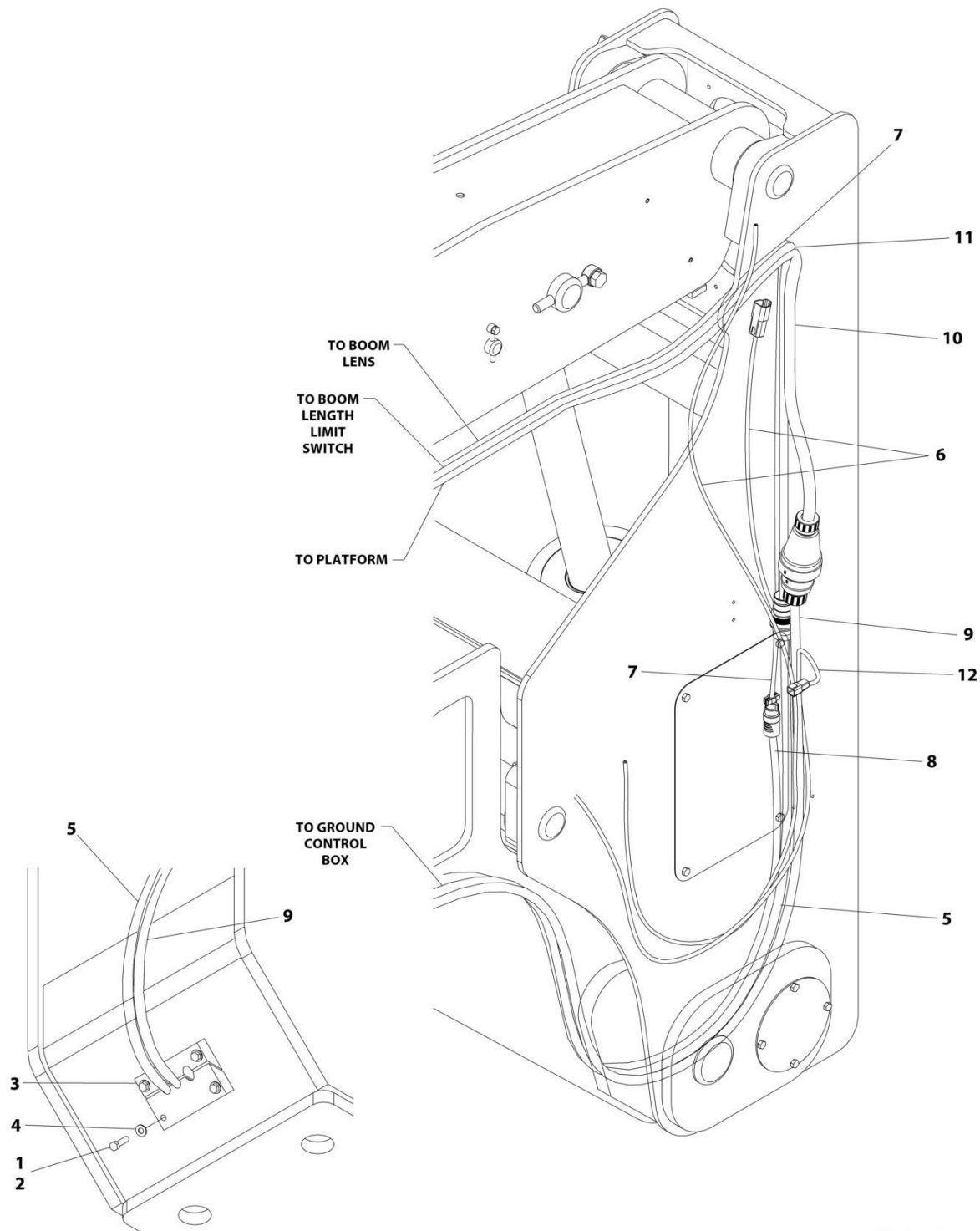
SECTION 8 - ELECTRICAL

FIGURE 8-29. BOOM CABLES INSTALLATION - WITH 7500W SKYPOWER GENERATOR & ARCTIC PACKAGE (ANIT, ANSI EXPORT, CHINA & CSA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227799	Ref	BOOM CABLES INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	4711600	4	Washer 3/8	
4	4923487	2	Cable, Main Boom Elevation Limit Switch	
5	4923489	1	Boom Cable - Tower Boom (See Separate Breakdown in this Section)	
6	1001092384	1	Clamp, Block	
7	1001125125	1	AC Cable, 8/5 (Tower Boom)	
8	1001125126	1	AC Cable, 8/5 (Main Boom)	
9	1001227351	1	Boom Cable - Main Boom (See Separate Breakdown in this Section)	
10	1001227359	1	Tilt Sensor Harness	
10	1001097051	1	Connector - 4 Position	
10	1001097082	3	Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-30. BOOM CABLES INSTALLATION - WITH 7500W SKYPOWER GENERATOR AND COMMUNICATION CABLES (ANSI SPECS)



ART_1001227801

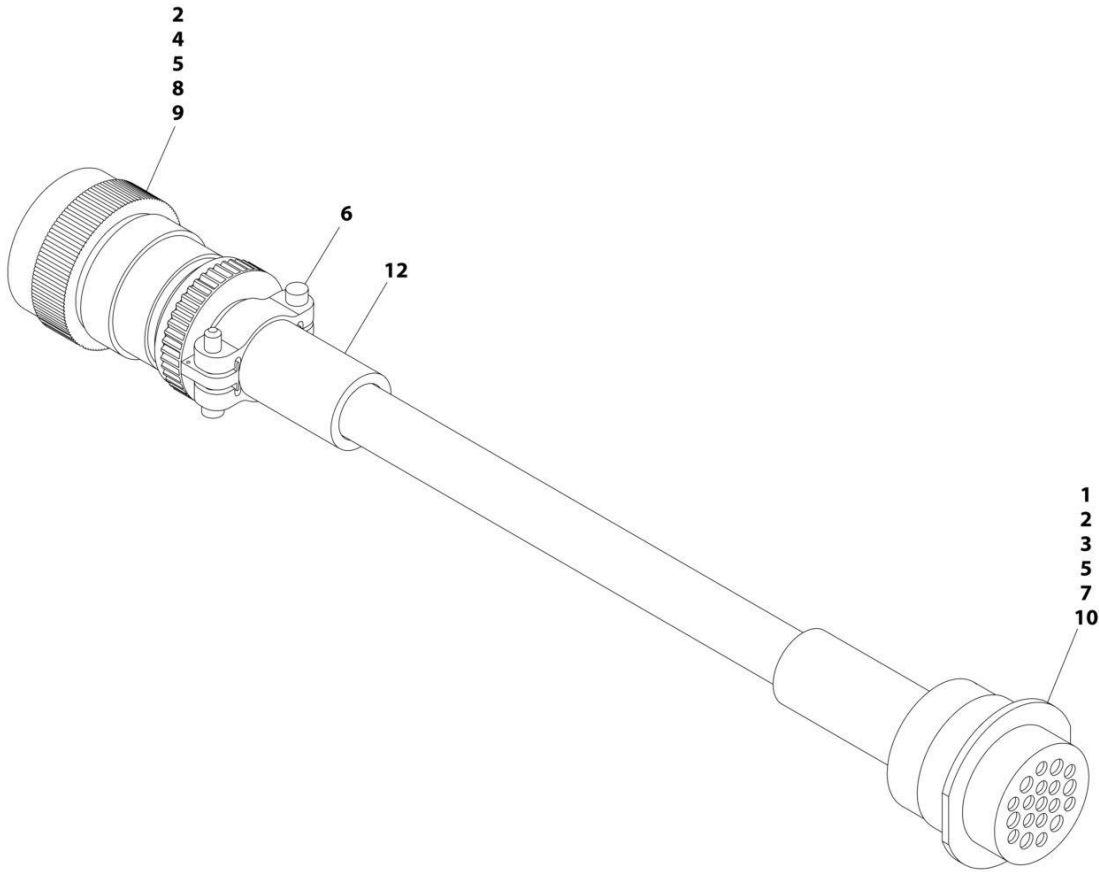
SECTION 8 - ELECTRICAL

FIGURE 8-30. BOOM CABLES INSTALLATION - WITH 7500W SKYPOWER GENERATOR AND COMMUNICATION CABLES (ANSI SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227801	Ref	BOOM CABLES INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641612	4	Bolt 3/8 X 1-1/2	
3	1320256	1	Clamp, Block	
4	4711600	4	Washer 3/8	
5	4922576	1	Boom Cable- Tower Boom (See Separate Breakdown in this Section)	
6	4922578	2	Main Boom Elevation Limit Switch Harness	
7	1001107755	1	Communication Harness (Main Boom)	
8	1001116473	1	Communication Harness (Tower Boom)	
9	1001125125	1	AC Cable, 8/5 (Tower Boom)	
10	1001125126	1	AC Cable, 8/5 (Main Boom)	
11	1001227518	1	Boom Cable - Main Boom (See Separate Breakdown in this Section)	
12	1001227359	1	Tilt Sensor Harness	
12	1001097051	1	Connector - 4 Position	
12	1001097082	3	Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-31. BOOM CABLE - MAIN BOOM (WITH ARCTIC PACKAGE)



ART_1001227351

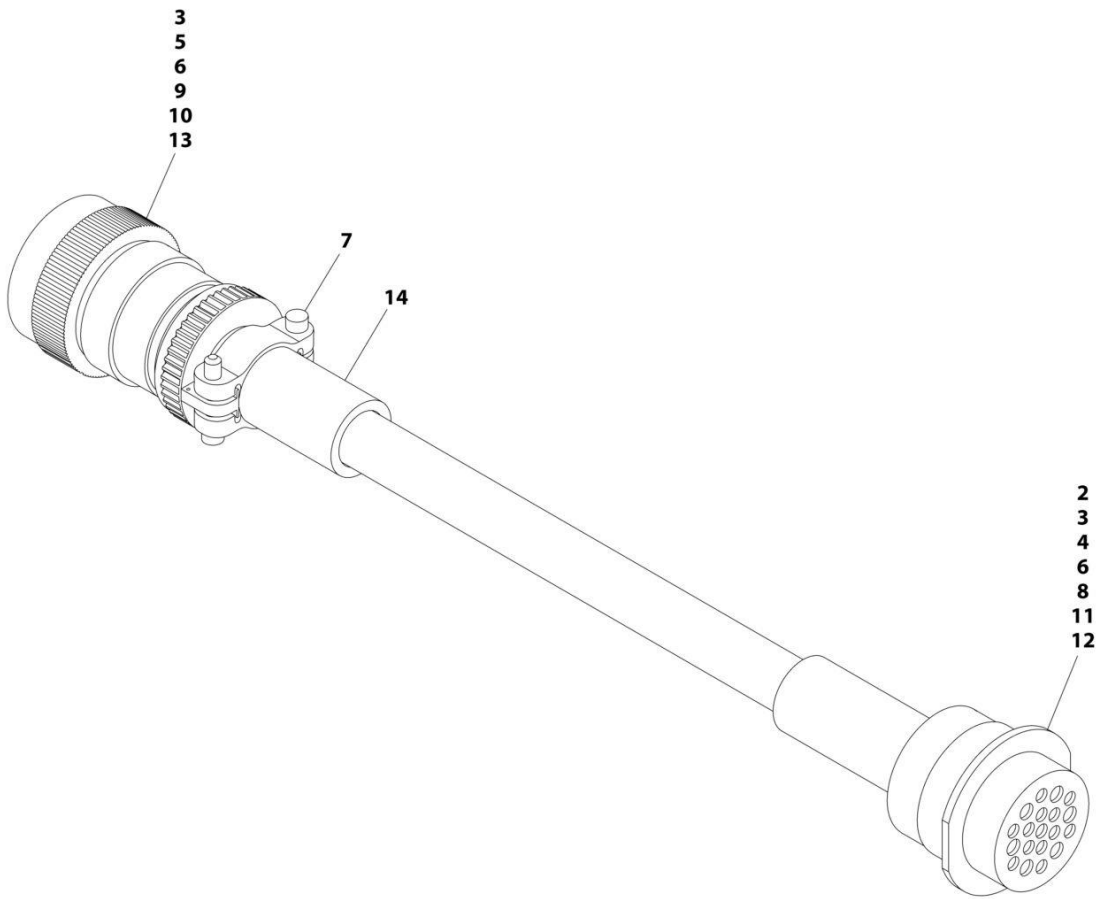
SECTION 8 - ELECTRICAL

FIGURE 8-31. BOOM CABLE - MAIN BOOM (WITH ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227351	Ref	BOOM CABLE - MAIN BOOM	A
1	2820031	AR	Heatshrink	
2	2820118	AR	Heatshrink, Clear	
3	4460464	11	Pin, Male	
4	4460465	11	Socket, Female	
5	4460466	11	Plug, Terminal	
6	4460473	1	Clamp	
7	4460508	4	Pin, Male	
8	4460509	4	Socket, Female	
9	4460865	1	Connector - 19 Position	
10	4460866	1	Connector - 19 Position	
12	1001226400	AR	Insulate, Heatshrink	

SECTION 8 - ELECTRICAL

FIGURE 8-32. BOOM CABLE - MAIN BOOM



ART_1001227518

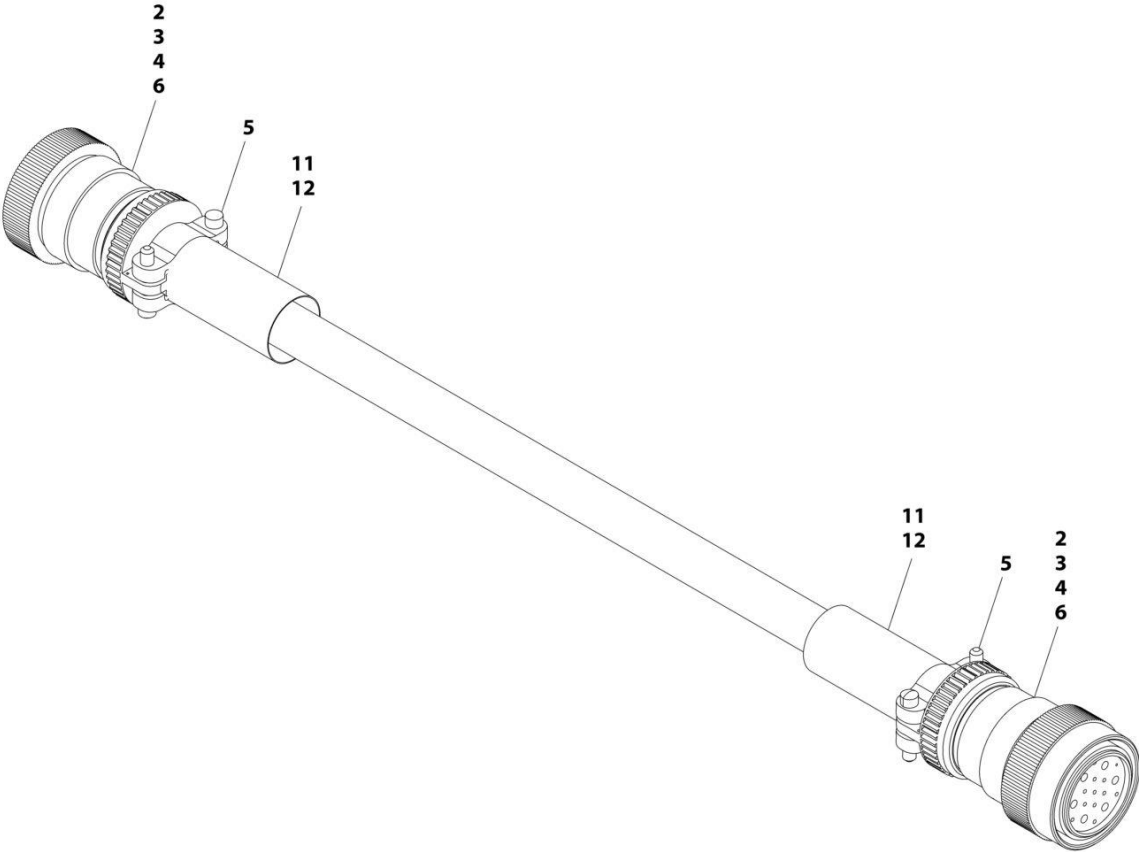
SECTION 8 - ELECTRICAL

FIGURE 8-32. BOOM CABLE - MAIN BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227518	Ref	BOOM CABLE - MAIN BOOM	A
2	2820031	AR	Heatshrink	
3	2820118	AR	Heatshrink, Clear	
4	4460464	5	Pin, Male	
5	4460465	8	Socket, Female	
6	4460466	11	Plug, Terminal	
7	4460473	1	Clamp	
8	4460508	4	Pin, Male	
9	4460509	4	Socket, Female	
10	4460865	1	Connector - 19 Position	
11	4460866	1	Connector - 19 Position	
12	4460943	3	Pin, Male	
13	4460944	3	Socket, Female	
14	1001226400	AR	Insulate, Heatshrink	

SECTION 8 - ELECTRICAL

FIGURE 8-33. BOOM CABLE - TOWER BOOM WITHOUT ARCTIC PACKAGE



ART_4922576

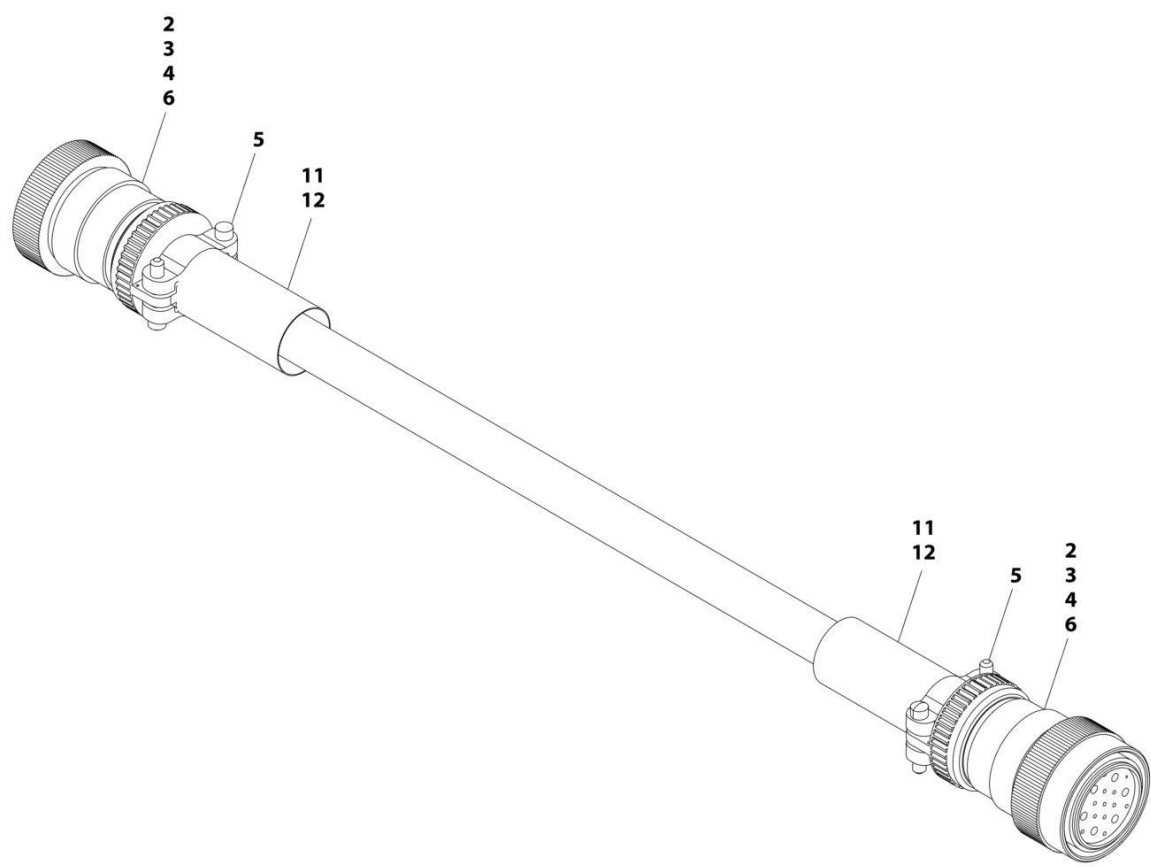
SECTION 8 - ELECTRICAL

FIGURE 8-33. BOOM CABLE - TOWER BOOM WITHOUT ARCTIC PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4922576	Ref	BOOM CABLE - TOWER BOOM	E
2	4460465	22	Socket, Female	
3	4460865	2	Connector - 19 Position	
4	4460509	8	Socket, Female	
5	4460473	2	Clamp	
6	4460466	8	Plug, Terminal	
11	2820118	AR	Heatshrink, Clear	
12	1001226400	AR	Insulate, Heatshrink	

SECTION 8 - ELECTRICAL

FIGURE 8-34. BOOM CABLE - TOWER BOOM WITH ARCTIC PACKAGE



ART_4923489

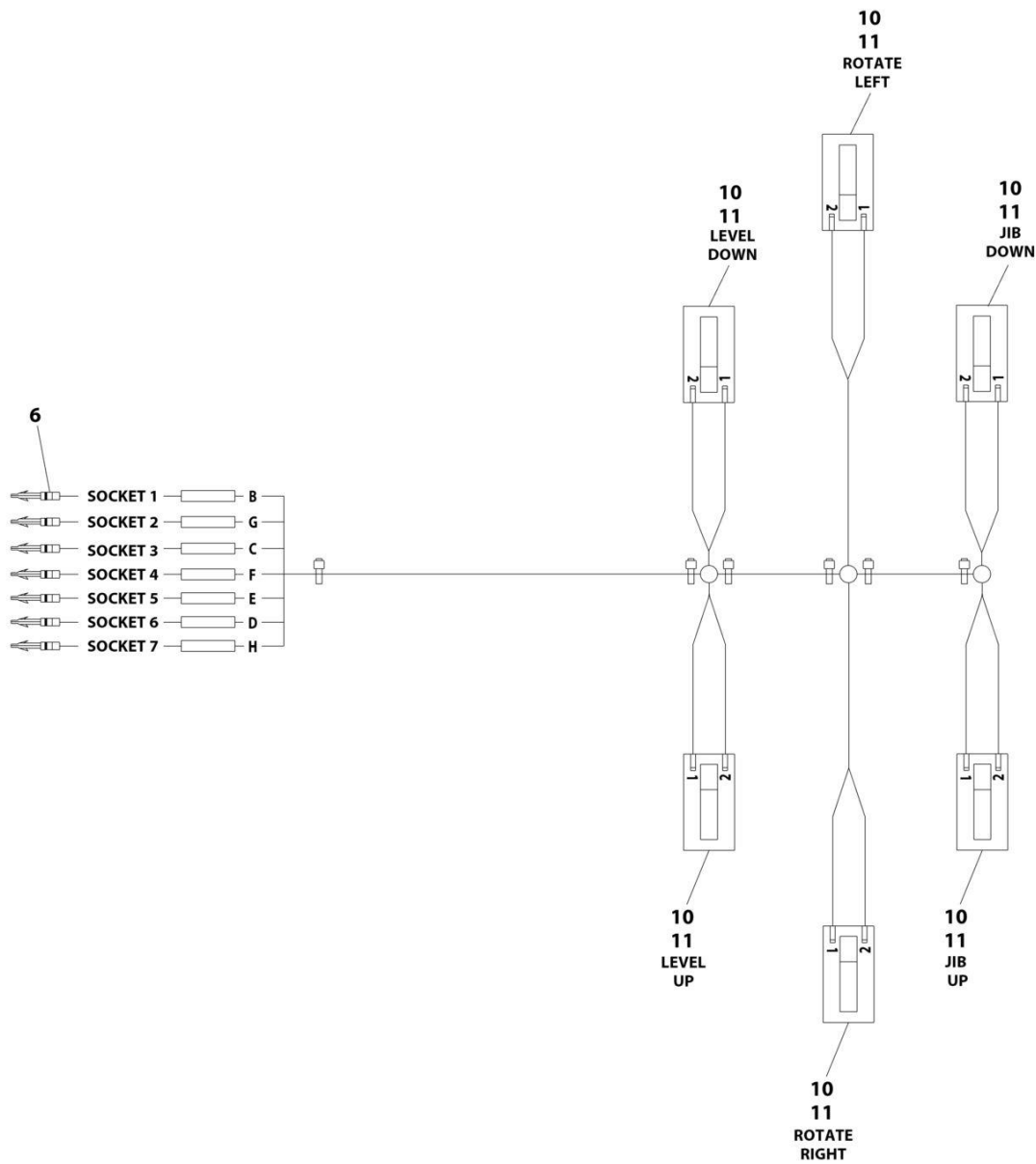
SECTION 8 - ELECTRICAL

FIGURE 8-34. BOOM CABLE - TOWER BOOM WITH ARCTIC PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4923489	Ref	BOOM CABLE - TOWER BOOM	B
2	4460465	22	Socket, Female	
3	4460865	2	Connector - 19 Position	
4	4460509	8	Socket, Female	
5	4460473	2	Clamp	
6	4460466	8	Plug, Terminal	
11	2820118	AR	Heatshrink, Clear	
12	1001226400	AR	Insulate, Heatshrink	

SECTION 8 - ELECTRICAL

FIGURE 8-35. BOOM VALVE HARNESS



ART_1001139135

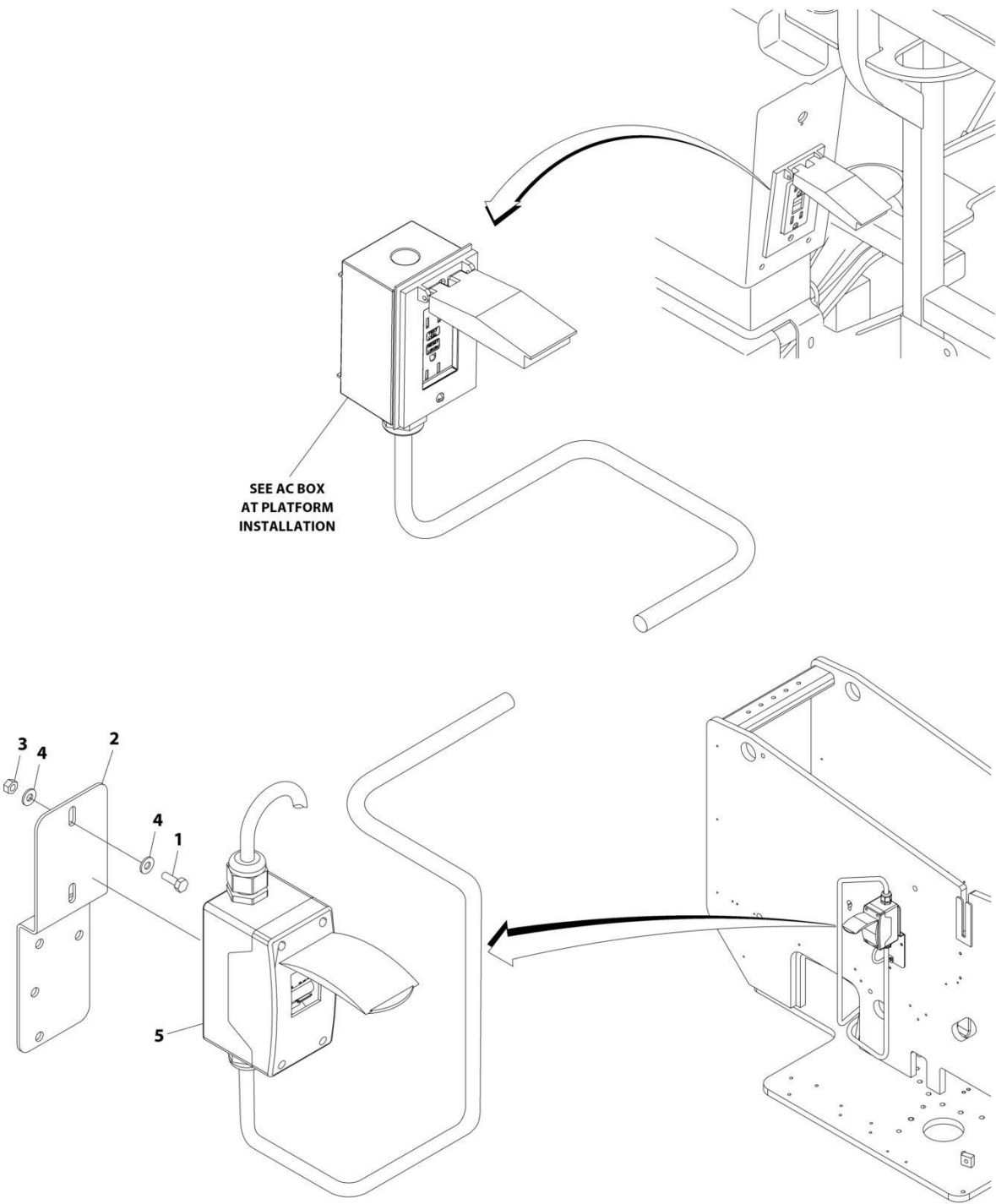
SECTION 8 - ELECTRICAL

FIGURE 8-35. BOOM VALVE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139135	Ref	BOOM VALVE HARNESS	3
6	4460226	7	Terminal, Socket	
10	4460891	6	Deutsch connector	
11	1001116692	12	Socket	

SECTION 8 - ELECTRICAL

FIGURE 8-36. BREAKER BOX INSTALLATION (BRAZIL SPECS)



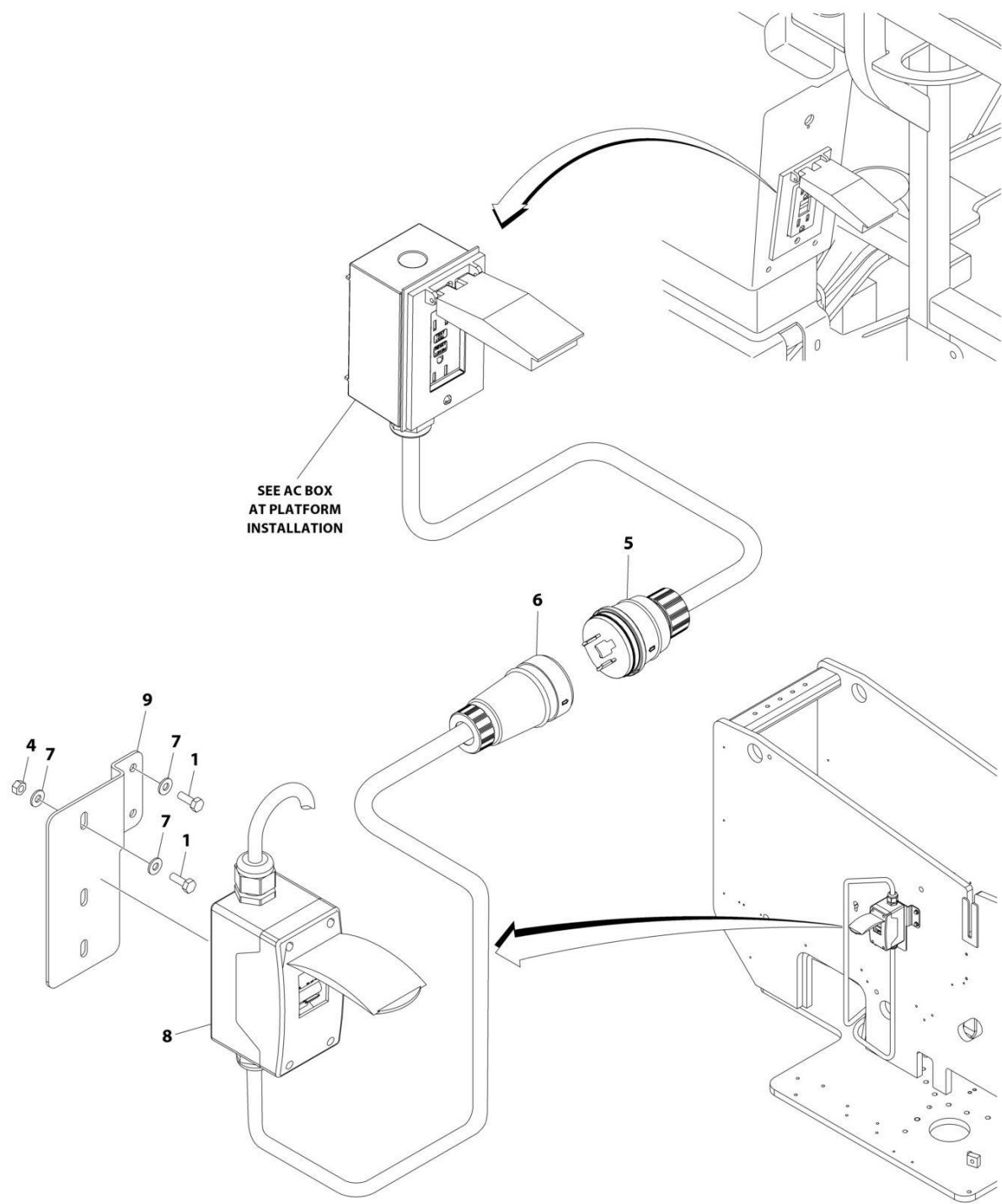
SECTION 8 - ELECTRICAL

FIGURE 8-36. BREAKER BOX INSTALLATION (BRAZIL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171016	Ref	AC BREAKER BOX INSTALLATION	A
1	0641406	2	Bolt 1/4 x 3/4	
2	0903697	1	Bracket	
3	3311405	2	Nut 1/4	
4	4711400	4	Washer 1/4	
5	1001109654	1	Breaker Box Kit - With 2 Breakers (See Separate Breakdown in this Section)	

SECTION 8 - ELECTRICAL

FIGURE 8-37. BREAKER BOX INSTALLATION (CE & UK CA SPECS WITHOUT 4000W GENERATOR)



ART_1001177710

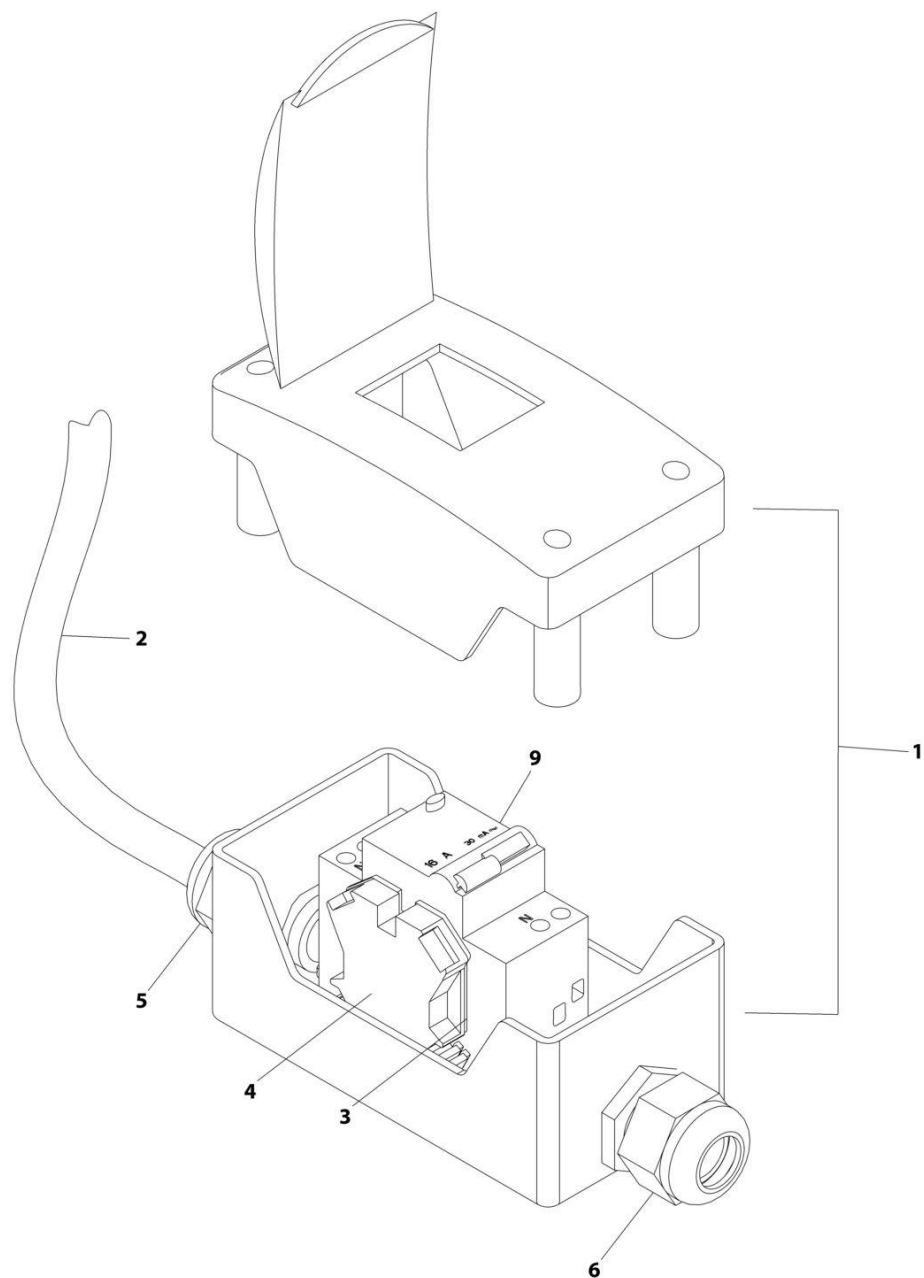
SECTION 8 - ELECTRICAL

FIGURE 8-37. BREAKER BOX INSTALLATION (CE & UK CA SPECS WITHOUT 4000W GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177710	Ref	AC BREAKER BOX INSTALLATION	C
1	0641406	4	Bolt 1/4 x 3/4	
4	3311405	2	Nut 1/4	
5	1001213584	1	Plug, Male	
6	1001213585	1	Receptacle, Female	
7	4711400	6	Washer 1/4	
8	1001109654	1	Breaker Box Kit - With 2 Breakers (See Separate Breakdown in this Section)	
9	1001177035	1	Bracket	

SECTION 8 - ELECTRICAL

FIGURE 8-38. BREAKER BOX KIT - ONE DOUBLE 16AMP BREAKER (BRAZIL SPECS, CE & UK CA SPECS WITHOUT 4000W GENERATOR)



ART_1001109654

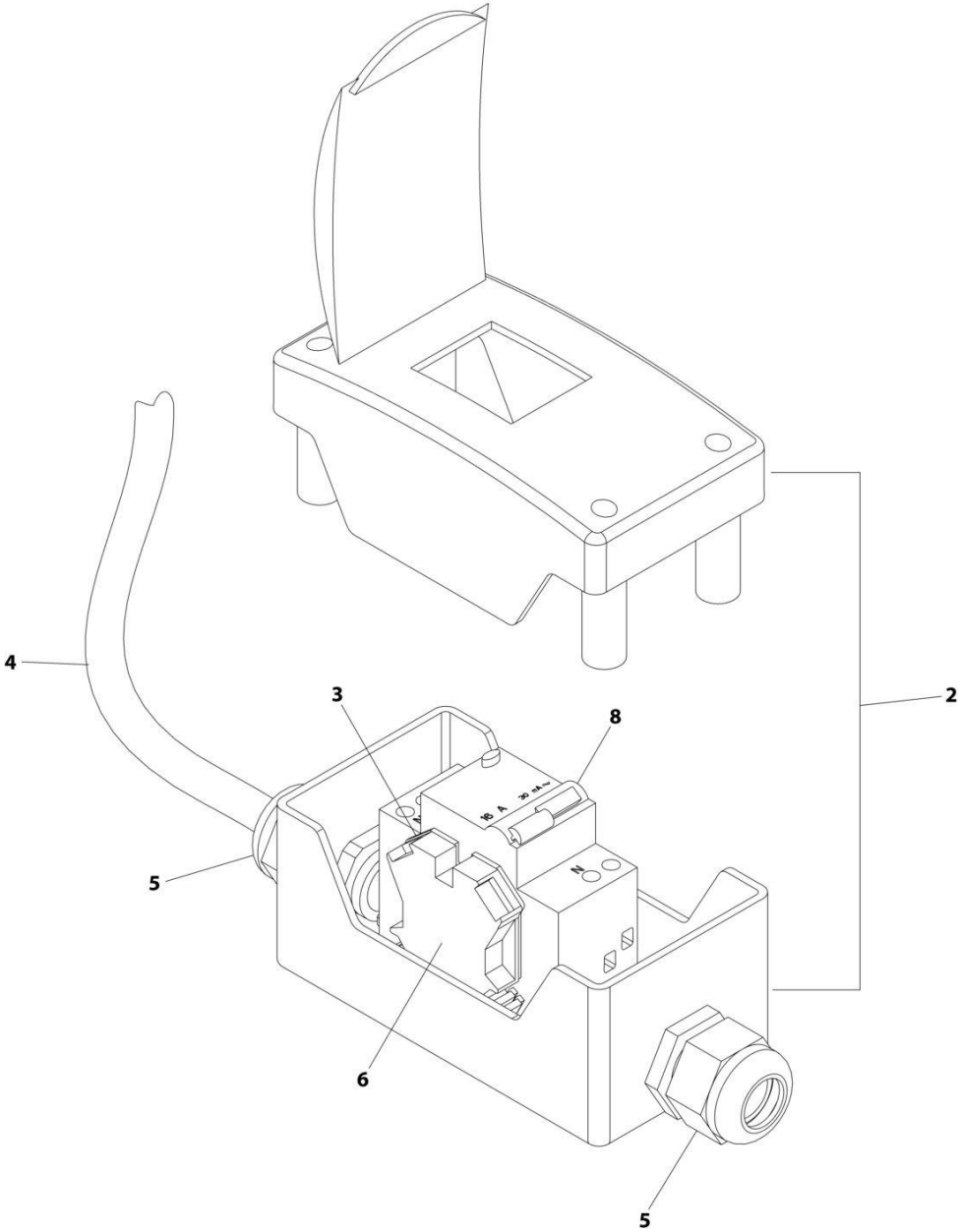
SECTION 8 - ELECTRICAL

FIGURE 8-38. BREAKER BOX KIT - ONE DOUBLE 16AMP BREAKER (BRAZIL SPECS, CE & UK CA SPECS WITHOUT 4000W GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001109654	Ref	BREAKER BOX KIT	B
1	0861880	1	Box, Breaker	
2	1060908	12 ft/ 3.6m	Cable 12/3	
3	4460956	1	Barrier, Terminal Block End	
4	4460957	1	Block, Terminal	
5	1001097150	1	Connector, Strain Relief	
6	1001101191	1	Connector, Strain Relief	
9	1001181045	1	Breaker - 30mA/16Amp	

SECTION 8 - ELECTRICAL

FIGURE 8-39. BREAKER BOX KIT - ONE DOUBLE 16AMP BREAKER (CE & UK CA SPECS WITH 4000W GENERATOR)



ART_1001165368_B

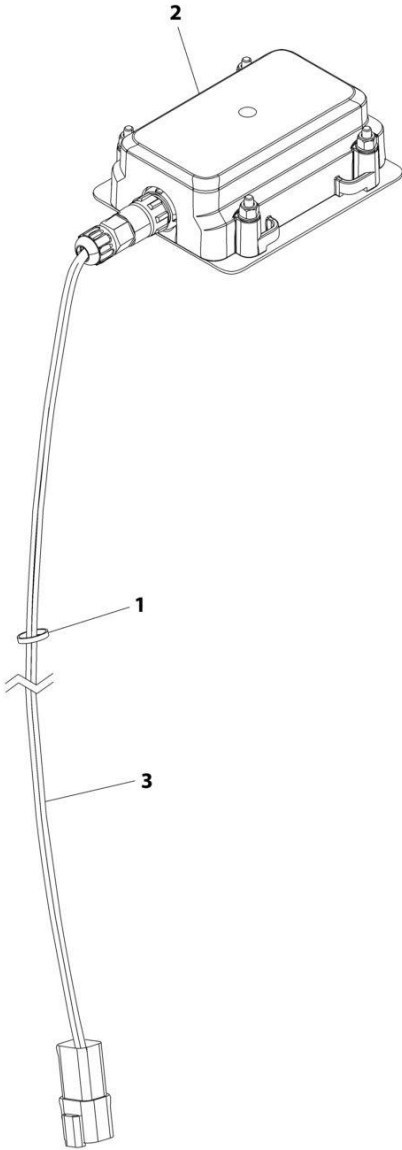
SECTION 8 - ELECTRICAL

FIGURE 8-39. BREAKER BOX KIT - ONE DOUBLE 16AMP BREAKER (CE & UK CA SPECS WITH 4000W GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165368	Ref	BREAKER BOX KIT	B
2	0861880	1	Box, Circuit Breaker	
3	4460956	1	Barrier, Terminal Block End	
4	1060545	12 ft/ 3.6m	Cable, Electrical 10/3	
5	1001101191	2	Connector, Strain Relief	
6	4460957	1	Block, Terminal	
8	1001181045	1	Breaker 30mA/16Amp	

SECTION 8 - ELECTRICAL

FIGURE 8-40. CLEARSKY 3-WIRE CONNECTION INSTALLATION



ART_1001276610

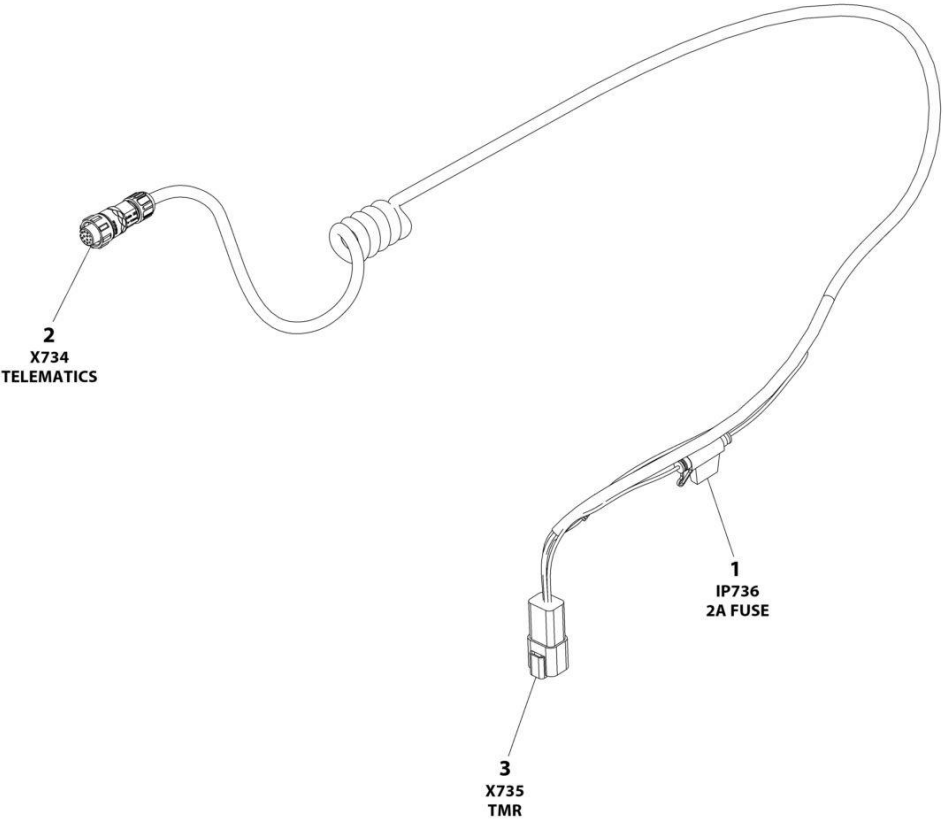
SECTION 8 - ELECTRICAL

FIGURE 8-40. CLEARSKY 3-WIRE CONNECTION INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276610	Ref	CLEARSKY INSTALLATION 3-WIRE CONNECTION	A
1	4240032	AR	Tie-Strap	
2	1001272659	1	Telematics Control Module Assembly (Note: Re-calibration Required when Replaced)	
3	1001273012	1	ClearSky Harness (See Separate Breakdown in this Section)	

SECTION 8 - ELECTRICAL

FIGURE 8-41. CLEARSKY HARNESS



ART_1001273012

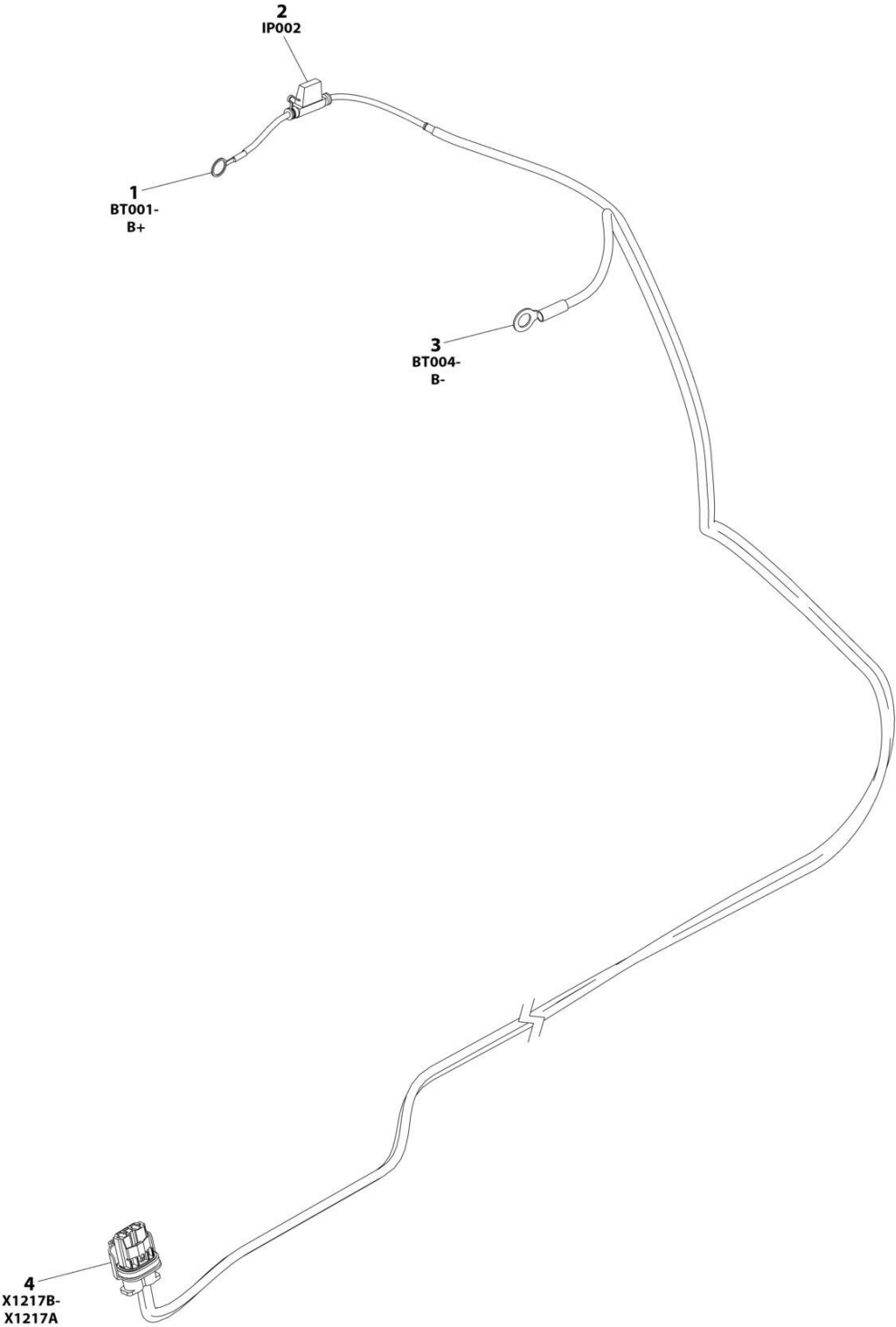
SECTION 8 - ELECTRICAL

FIGURE 8-41. CLEARSKY HARNESS

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

SECTION 8 - ELECTRICAL

FIGURE 8-42. DEUTZ TD2.9L4 (CHINA IV) ECM JUMPER HARNESS



ART_1001289593

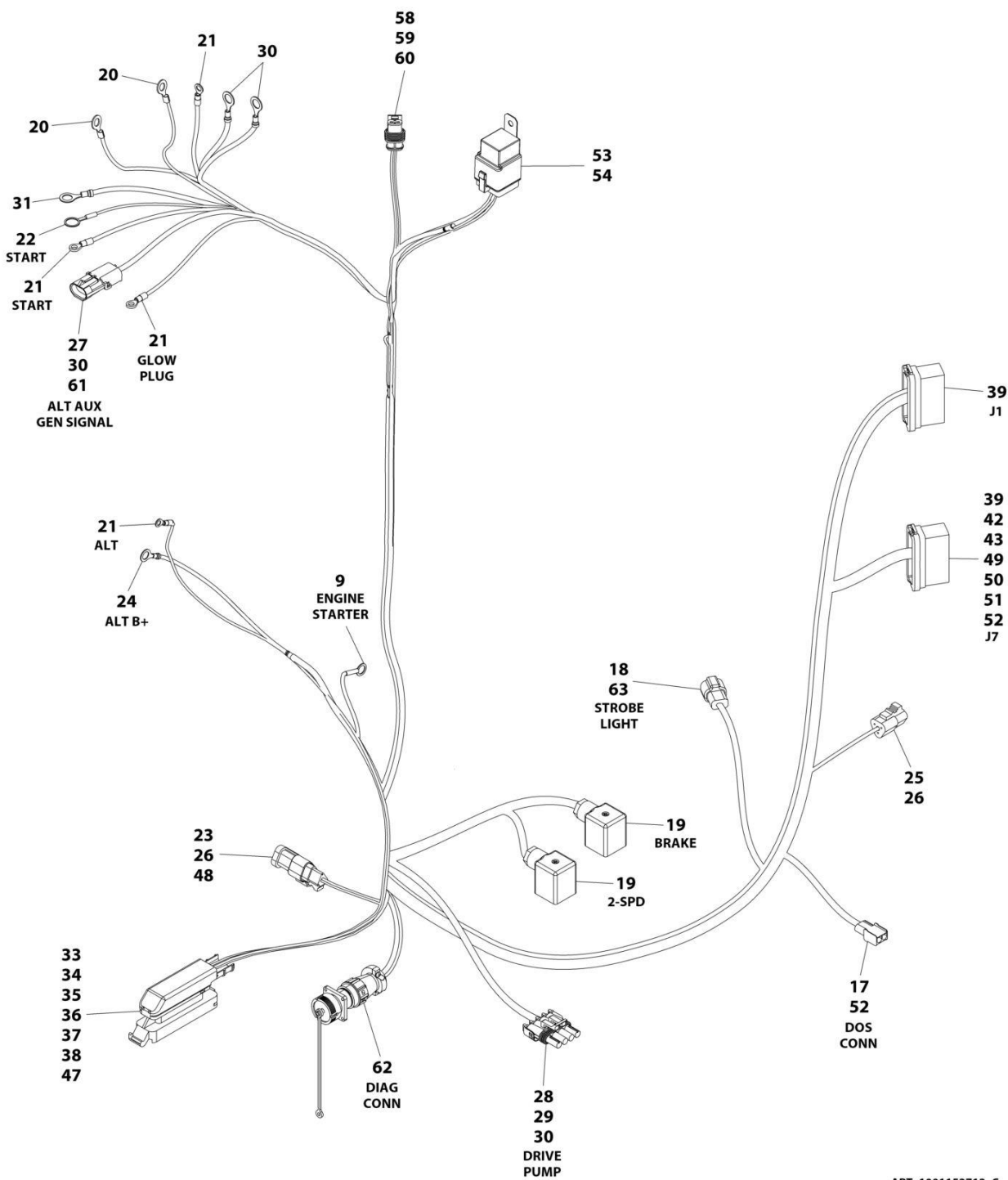
SECTION 8 - ELECTRICAL

FIGURE 8-42. DEUTZ TD2.9L4 (CHINA IV) ECM JUMPER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289593	Ref	ECU POWER JUMPER HARNESS	A
1	4460019	1	Terminal Ring	
2	1001172064	1	Fuse Holder	
2	1001172065	1	Fuse 30Amp	
3	8220164	1	Terminal Ring	
4	1001142938	1	Connector	
4	1001142940	2	Terminal	
4	1001142941	2	Seal	

SECTION 8 - ELECTRICAL

FIGURE 8-43. ENGINE HARNESS - DEUTZ D2011 ENGINES



ART_1001153713_C

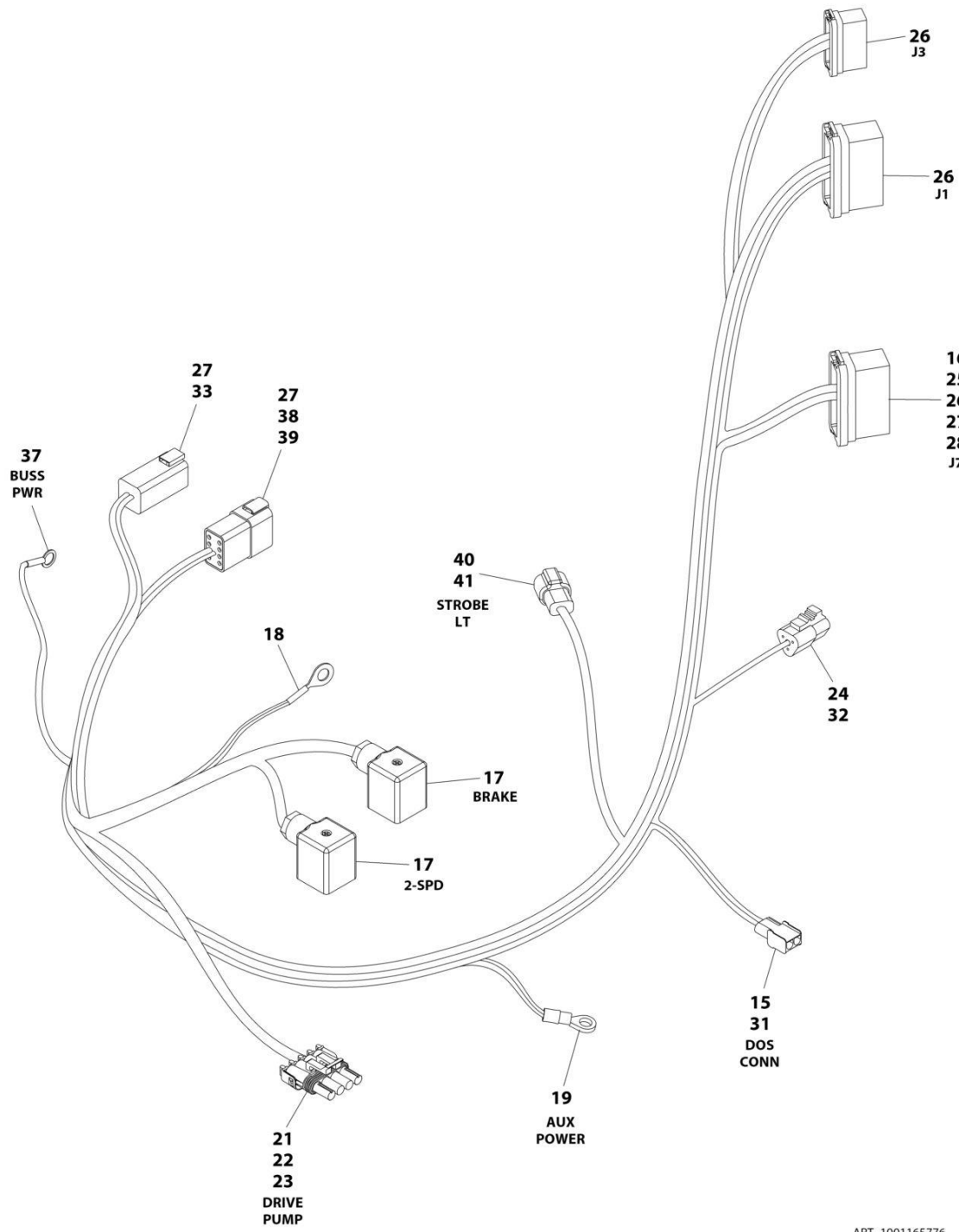
SECTION 8 - ELECTRICAL

FIGURE 8-43. ENGINE HARNESS - DEUTZ D2011 ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001153713	Ref	ENGINE HARNESS - DEUTZ D2011 ENGINES	C
9	4460142	1	Terminal - Ring	
17	4460424	1	Connector - 2 Position	
18	4460464	2	Pin, Male	
19	1001263923	2	Connector, Din	
20	4460312	2	Terminal, Ring	
21	4460313	4	Terminal, Ring	
22	4460019	1	Terminal, Ring	
23	4461070	1	Connector - 3 Position	
24	4460043	1	Terminal, Ring 16 GA 1/4 Stud	
25	4460539	1	Position Plug, Male - 3 Position	
26	4460944	6	Socket, Female	
27	4460979	2	Pin, Male	
28	4460460	1	Connector	
29	4460457	4	Sleeve	
30	4460458	6	Seal	
31	4460670	3	Terminal, Ring	
33	4461052	1	Conenctor - 25 Position	
34	4461005	5	Terminal	
35	4461060	2	Terminal	
36	4461006	5	Seal	
37	4461054	2	Seal	
38	4461008	18	Plug, Terminal	
39	4460871	10	Socket, Female	
42	4460464	1	Terminal	
43	4460887	1	Terminal	
47	4461053	1	Cover	
48	4461095	1	Plug, Male - 3 Position	
49	4460465	2	Socket, Female	
50	4460259	1	Terminal	
51	4460260	1	Cover, Terminal	
52	4460226	4	Socket, Female	
53	4460374	1	Plug	
54	4460375	4	Terminal	
58	1001102290	1	Connector	
59	1001102304	2	Seal	
60	1001102291	2	Terminal	
61	4461157	1	Connector - 2 Position	
62	2902443	1	Kit, Receptacle	
62	4461073	1	Cap, Dust	
63	4460897	1	Connector	

SECTION 8 - ELECTRICAL

FIGURE 8-44. ENGINE HARNESS - DEUTZ TD2.9L4 ENGINES



ART_1001165776

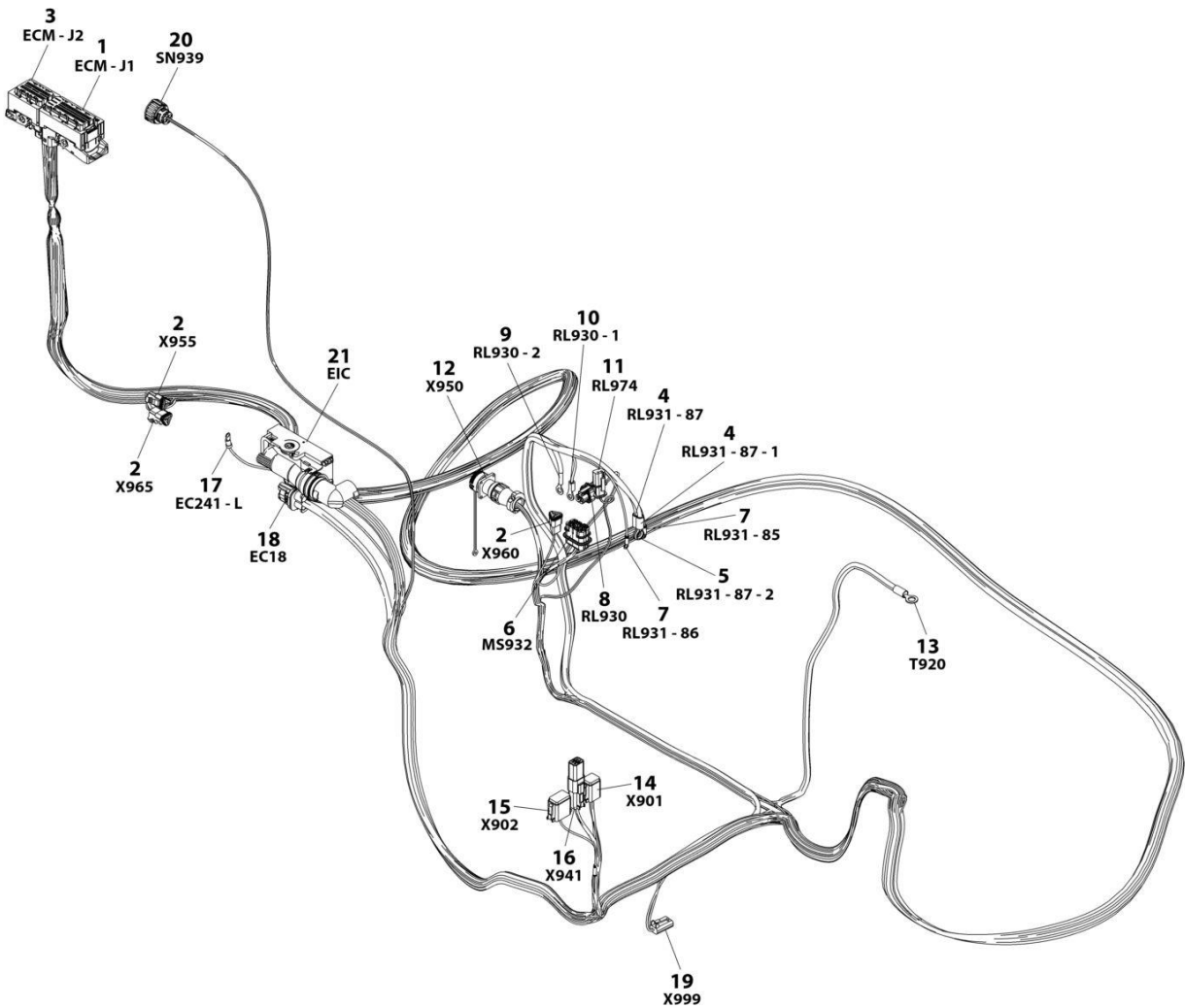
SECTION 8 - ELECTRICAL

FIGURE 8-44. ENGINE HARNESS - DEUTZ TD2.9L4 ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165776	Ref	ENGINE HARNESS - DEUTZ TD2.9L4 ENGINES	F
15	4460424	1	Connector - 2 Position	
16	4460268	1	Socket, Female	
17	4460880	2	Connector, Din	
18	4460019	1	Terminal, Ring	
19	4460313	1	Terminal, Ring	
21	4460460	1	Connector	
22	4460457	4	Terminal	
23	4460458	4	Seal	
24	4460539	1	Connector - 3 Position	
25	4460465	3	Socket, Female	
26	4460871	11	Socket, Female	
27	4460464	11	Pin, Male	
28	4460887	1	Terminal	
31	4460226	2	Socket, Female	
32	4460944	3	Socket, Female	
33	4460899	1	Receptacle, Female - 6 Position	
37	4460738	1	Terminal, Ring	
38	4460931	1	Plug, Male	
39	4460466	4	Plug, Terminal	
40	4460897	1	Connector - 2 Position	
41	1001116693	2	Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-45. ENGINE HARNESS - DEUTZ TD2.9L4 ENGINES AND DEUTZ TD2.9L4 (STAGE V PRE-BUY) ENGINES



ART_1001143726

SECTION 8 - ELECTRICAL

FIGURE 8-45. ENGINE HARNESS - DEUTZ TD2.9L4 ENGINES AND DEUTZ TD2.9L4 (STAGE V PRE-BUY) ENGINES

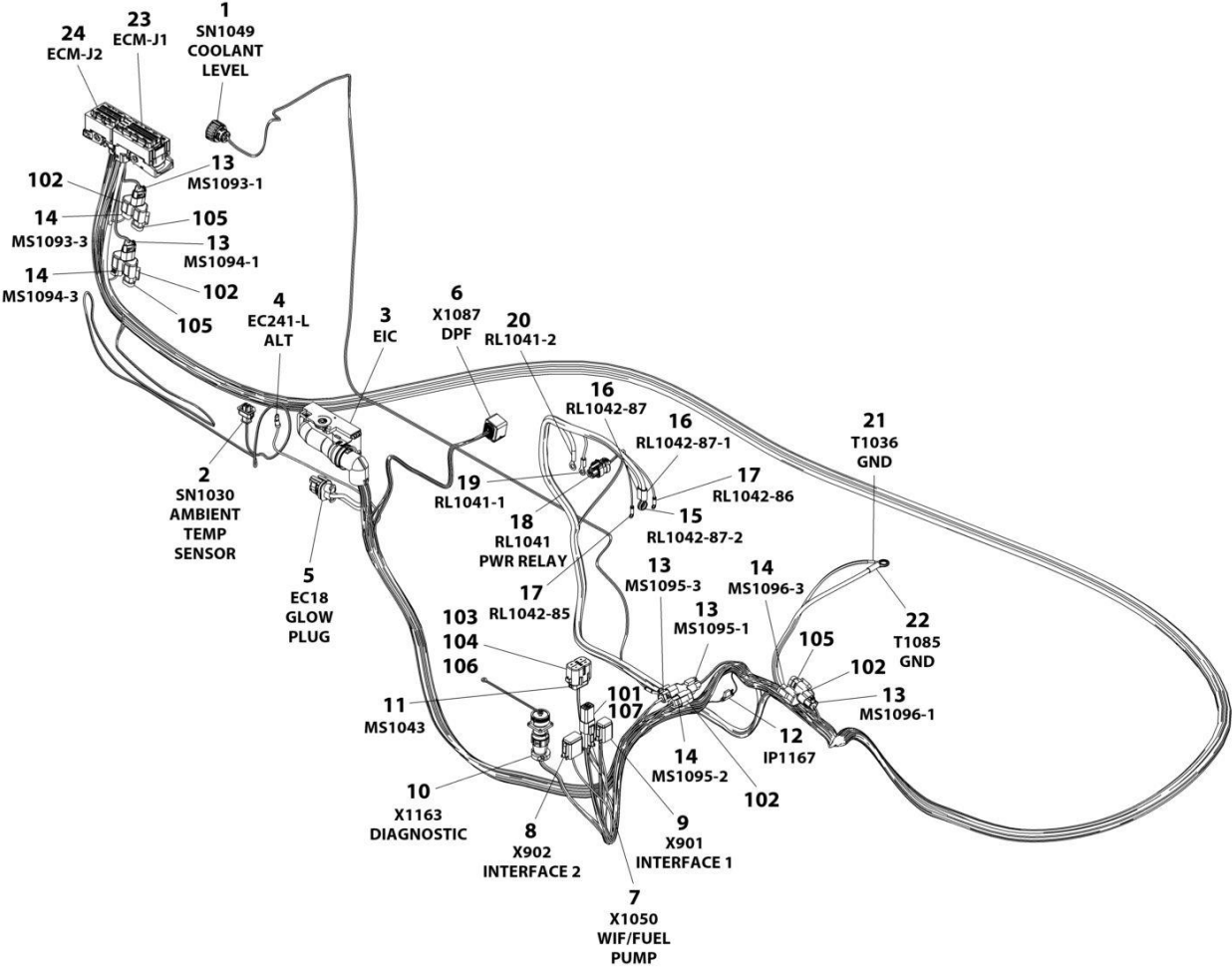
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001143726	Ref	ENGINE HARNESS	L
1	1001133956	1	Connector - 94 Position	
1	1001126351	2	Terminal	
1	1001126352	6	Terminal	
1	1001126384	21	Terminal	
1	1001126357	2	Plug, Terminal	
1	1001126356	63	Plug, Terminal	
2	4461095	3	Plug, Male - 3 Position	
2	4460944	6	Socket, Female	
2	4460466	3	Plug, Terminal	
3	1001133957	1	Connector - 60 Position	
3	1001126351	13	Terminal	
3	1001126384	17	Terminal	
3	1001126357	11	Plug, Terminal	
3	1001126356	19	Plug, Terminal	
4	1001117107	2	Terminal, Ring	
5	4460703	1	Terminal, Ring	
6	80484084	1	Plug, Male - 8 Position	
6	8229242	1	Fuse - 5Amp	
6	80983191	1	Fuse - 10Amp	
6	1001116728	4	Socket, Female	
6	1001116727	4	Plug, Terminal	
6	4460458	4	Seal, Terminal	
6	1001147264	1	Cap	
7	4460247	2	Terminal, Ring	
8	1001116952	1	Plug, Male - 2 Position	
8	4460465	2	Socket, Female	
9	1001117106	1	Terminal, Ring	
10	4460043	1	Terminal, Ring	
11	1001138110	1	Connector - 2 Position	
11	1001138111	2	Terminal	
11	1001138113	2	Seal	
12	2902443	1	Receptacle Kit	
12	4461073	1	Cap, Dust	
12	4461071	6	Terminal	
13	8220115	1	Terminal, Ring	
14	4460894	1	Plug, Male - 6 Position	
14	4460465	3	Socket, Female	
14	4460944	2	Socket, Female	
14	4460466	1	Plug, Terminal	
15	4460930	1	Plug, Male - 8 Position	
15	4460465	1	Socket, Female	
15	4460466	7	Plug, Terminal	
16	1001220379	1	Plug, Male - 4 Position	
16	1001220379	1	Plug, Male - 4 Position	
16	4460465	2	Socket, Female	
16	4460942	2	Socket, Female	
16	4460932	1	Receptacle, Bussbar - 4 Position	
17	4460042	1	Terminal, Ring	

SECTION 8 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
18	1001142938	1	Plug, Male - 2 Position	
18	1001142940	2	Terminal	
18	1001142941	2	Seal	
19	4460891	1	Plug, Male - 4 Position	
19	4460465	2	Socket, Female	
19	1001171403	1	Resistor Assembly	
19	4460897	1	Receptacle, Female - 4 Position	
20	1001133714	1	Connector - 4 Position	
20	1001133715	3	Terminal	
20	1001135650	3	Seal, Terminal	
20	1001135651	1	Plug, Terminal	
21	1001126362	1	Connector - 62 Position	
21	1001126363	23	Terminal	
21	1001126392	10	Terminal	
21	1001126365	2	Terminal	
21	1001126391	23	Plug, Terminal	
21	4461008	4	Plug, Terminal	
21	1001256506	2	Seal, Terminal	
21	1001126364	21	Seal, Terminal	
21	1001223459	10	Seal, Terminal	
21	4461008	4	Plug, Terminal	
21	1001151856	1	Elbow	

SECTION 8 - ELECTRICAL

FIGURE 8-46. ENGINE HARNESS - DEUTZ TD2.9L4 (STAGE V) ENGINES



ART_1001238878

SECTION 8 - ELECTRICAL

FIGURE 8-46. ENGINE HARNESS - DEUTZ TD2.9L4 (STAGE V) ENGINES

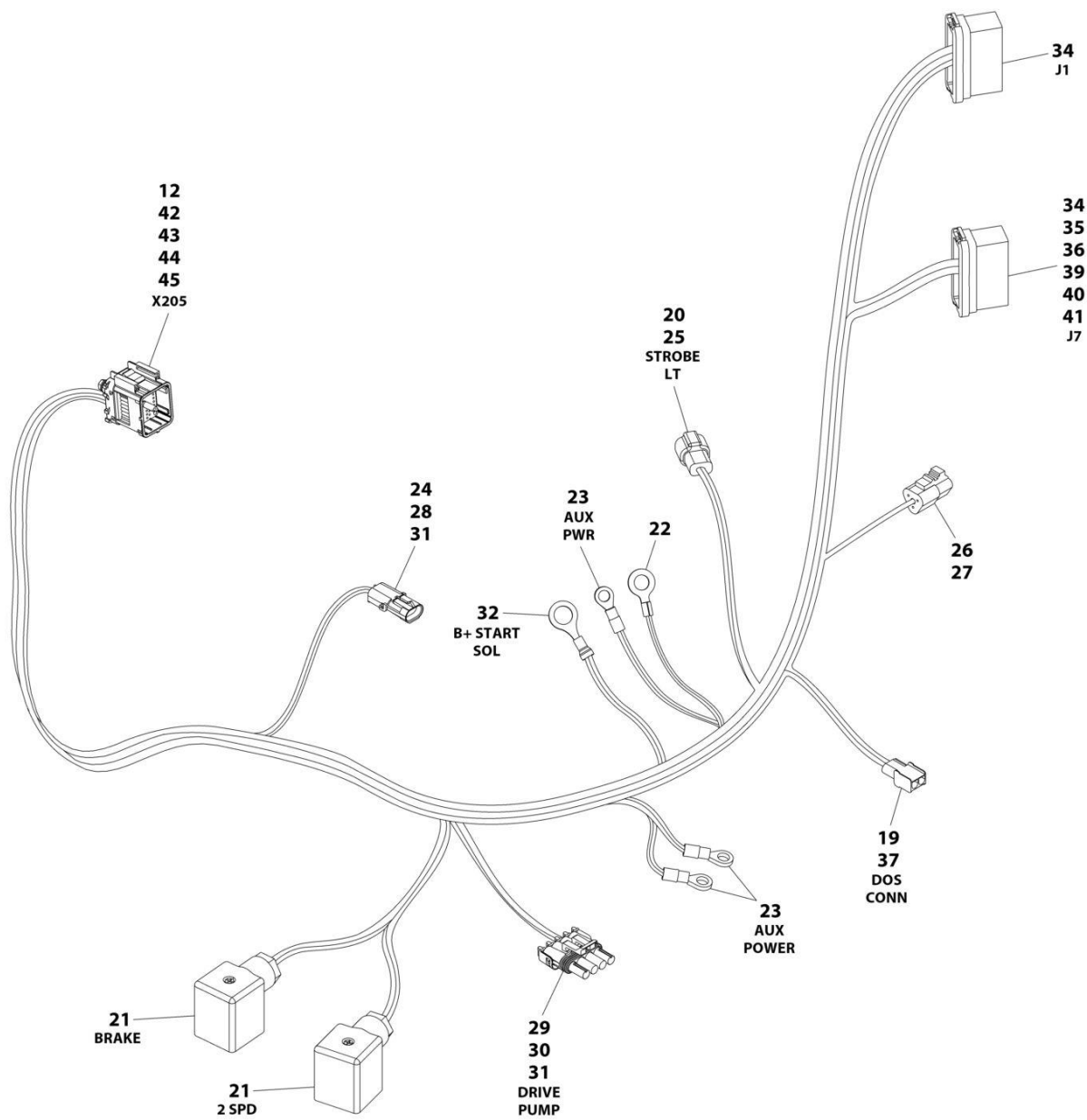
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238878	Ref	Engine Harness - Deutz Engines	F
1	1001133714	1	Connector - 4 Position	
1	1001133715	3	Terminal	
1	1001135650	3	Seal, Terminal	
1	1001135651	1	Plug, Terminal	
2	1001126487	1	Connector - 2 Position	
2	1001167635	2	Terminal	
2	1001126485	2	Seal, Terminal	
3	1001126362	1	Connector - 62 Position	
3	1001126363	37	Terminal	
3	1001126392	12	Terminal	
3	1001126391	7	Plug, Terminal	
3	4461008	4	Plug, Terminal	
3	1001167632	2	Terminal	
3	1001126364	37	Seal, Terminal	
3	1001223459	12	Seal, Terminal	
3	4461054	2	Seal, Terminal	
4	4460042	1	Terminal, Ring	
5	1001142938	1	Plug, Male - 2 Position	
5	1001142940	2	Terminal	
5	1001142941	2	Seal	
6	1001239202	1	Connector - 8 Position	
6	1001126363	7	Terminal	
6	1001126391	1	Plug, Terminal	
6	1001126364	7	Seal, Terminal	
7	4460884	1	Connector - 4 Position	
7	4460465	2	Socket, Female	
7	4460942	2	Socket, Female	
8	4460930	1	Plug, Male - 8 Position	
8	4460465	1	Socket, Female	
8	4460466	7	Plug, Terminal	
9	4460894	1	Plug, Male - 6 Position	
9	4460465	2	Socket, Female	
9	4460944	2	Socket, Female	
9	4460466	2	Plug, Terminal	
10	2902443	1	Receptacle Kit	
10	4461073	1	Cap, Dust	
10	4461071	6	Terminal	
11	80484084	1	Plug, Male - 8 Position	
11	4460748	4	Seal, Terminal	
11	4460746	3	Terminal	
11	1001234800	1	Terminal	
11	4460458	4	Seal, Terminal	
12	1001170764	1	Fuse Holder, Includes Resistor	
12	1001197719	1	Resistor 0.5W	
13	1001116812	5	Plug, Male - 3 Position	
13	4460944	10	Socket, Female	
13	4460466	5	Plug, Terminal	
14	4460539	4	Connector - 3 Position	
14	4460944	8	Socket, Female	

SECTION 8 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
14	4460466	4	Plug, Terminal	
15	4460703	1	Terminal, Ring	
16	1001117107	2	Terminal, Ring	
17	4460247	2	Terminal, Ring	
18	1001116952	1	Plug, Male - 2 Position	
18	4460465	2	Socket, Female	
19	4460043	1	Terminal, Ring	
20	1001117106	1	Terminal, Ring	
21	4460019	1	Terminal, Ring	
22	8220164	1	Terminal, Ring	
23	1001133956	1	Connector - 94 Position	
23	1001126351	3	Terminal	
23	1001182361	6	Terminal	
23	1001230934	25	Terminal	
23	1001230935	55	Plug, Terminal	
23	1001252527	4	Terminal	
23	1001230936	1	Plug, Terminal	
23	1001182365	6	Seal, Terminal	
24	1001133957	1	Connector - 60 Position	
24	1001126351	13	Terminal	
24	1001230935	10	Plug, Terminal	
24	1001230934	26	Terminal	
24	1001230936	11	Plug, Terminal	
101	4460932	1	Connector - Female	
102	4460945	4	Receptacle, 3 Way	
103	8229242	1	Fuse - 5Amp	
104	80983191	1	Fuse - 10Amp	
105	1001116815	3	Connector	
106	1001147264	1	Cap	
107	4460466	4	Seal, Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-47. ENGINE HARNESS - FORD ENGINES



ART_1001216230

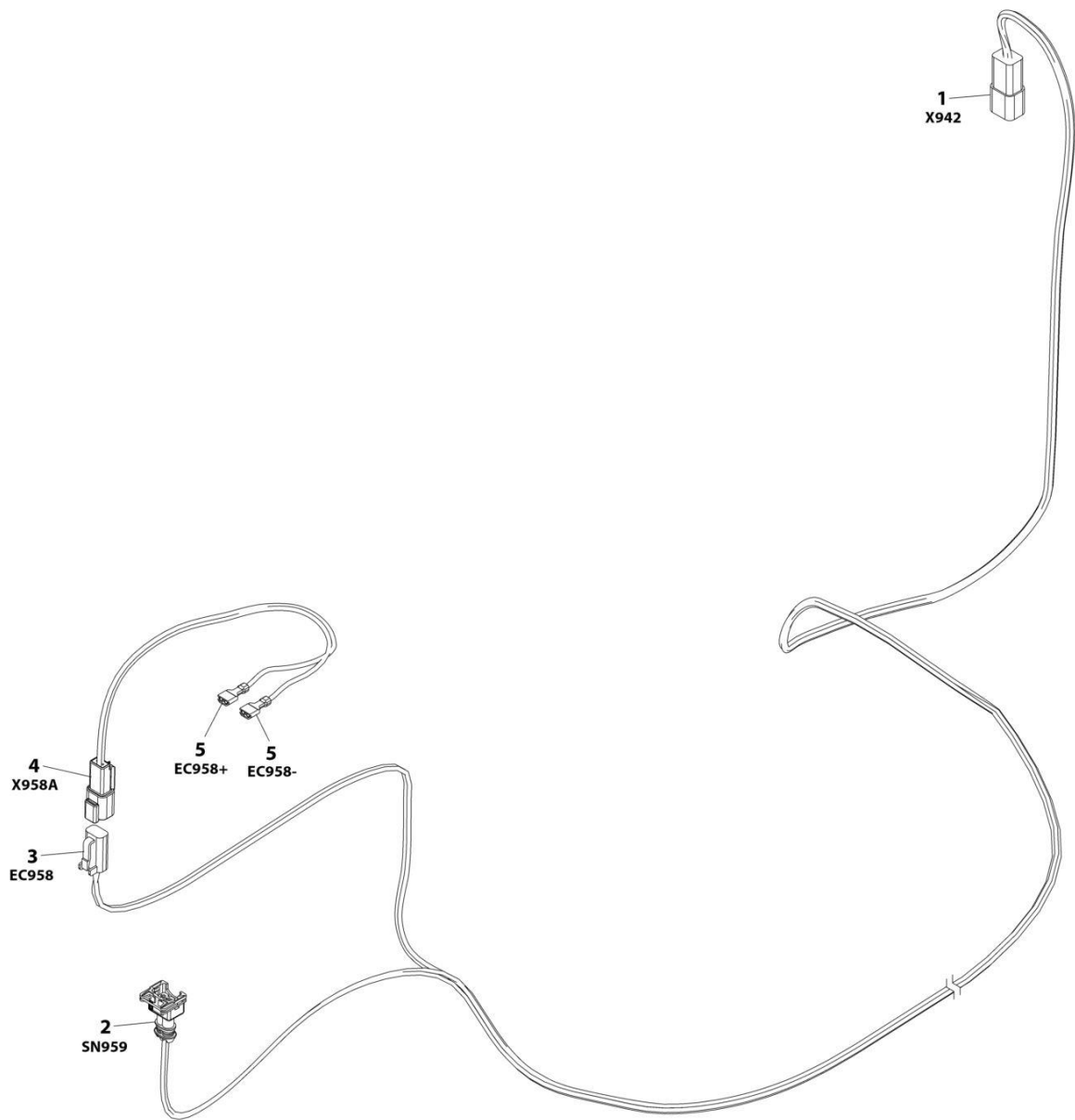
SECTION 8 - ELECTRICAL

FIGURE 8-47. ENGINE HARNESS - FORD ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216230	Ref	ENGINE HARNESS - FORD ENGINES	C
12	1001216213	3	Terminal, Plug	
19	4460424	1	Connector - 2 Position	
20	1001116693	2	Terminal	
21	4460880	2	Connector, Din	
22	4460312	1	Terminal, Ring	
23	4460313	3	Terminal, Ring	
24	4460979	2	Terminal	
25	4460897	1	Receptacle, Female - 4 Position	
26	4460539	1	Plug, Male - 3 Position	
27	4460944	3	Socket, Female	
28	4461157	1	Connector - 2 Position	
29	4460460	1	Connector - 4 Position	
30	4460457	4	Sleeve	
31	4460458	6	Seal	
32	4460738	1	Terminal, Ring	
34	4460871	9	Socket	
35	4460464	1	Pin, Male	
36	4460887	1	Terminal	
37	4460226	3	Socket, Female	
39	4460465	2	Socket, Female	
40	4460259	1	Terminal	
41	4460260	1	Cover Terminal	
42	1001215016	NLA	Connector, Ford - 42 Position (Use p/n 1001265676)	
42	1001265676	1	Connector, Ford - 42 Position Kit	
43	1001215091	5	Terminal	
44	1001215534	33	Plug, Terminal	
45	1001216212	1	Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-48. FUEL PUMP HARNESS - DEUTZ TD2.9L4 ENGINES



ART_1001138491

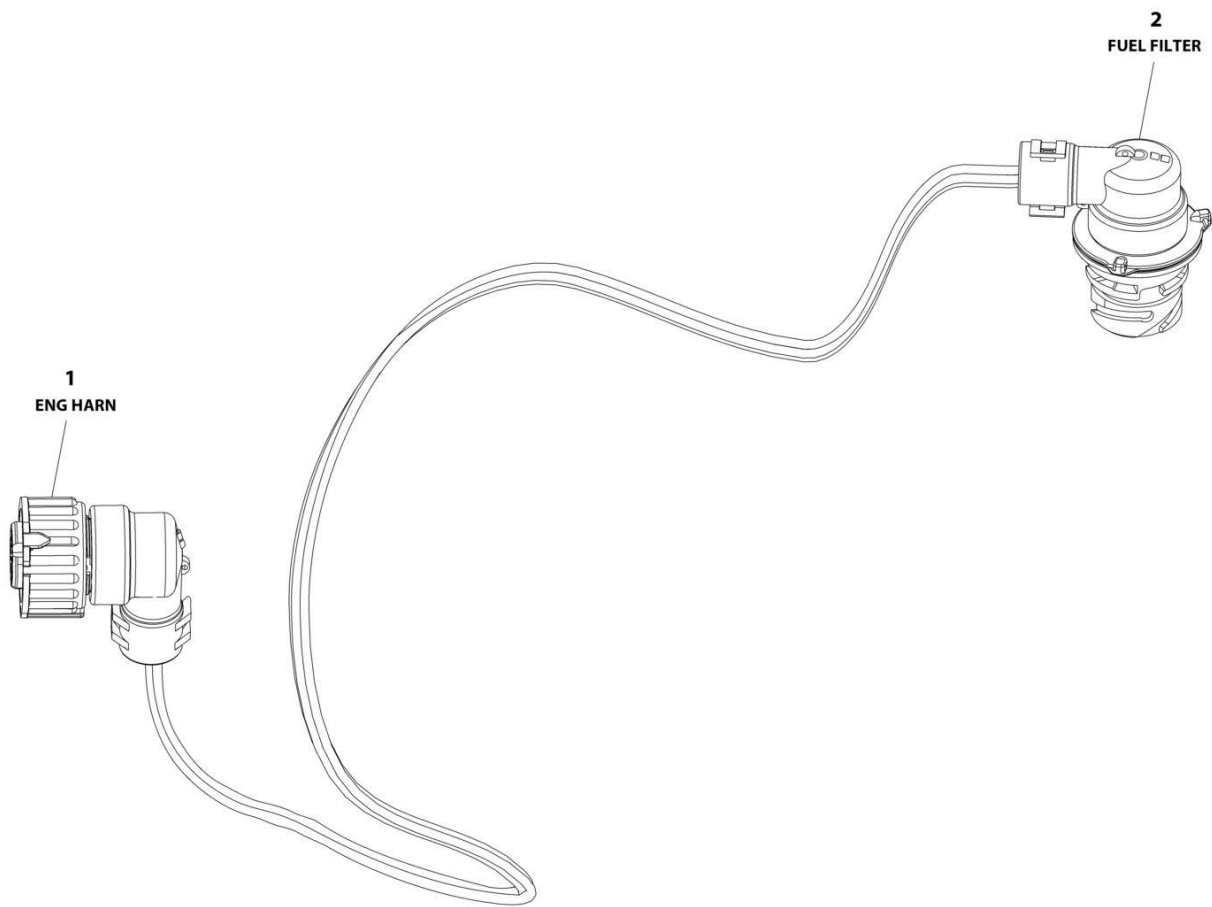
SECTION 8 - ELECTRICAL

FIGURE 8-48. FUEL PUMP HARNESS - DEUTZ TD2.9L4 ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001138491	Ref	FUEL PUMP HARNESS	D
1	4460932	1	Receptacle, Female - 4 Position	
1	4460941	2	Pin, Male	
1	4460464	2	Pin, Male	
2	1001116983	1	Plug, Male - 2 Position	
2	1001116710	2	Socket, Female	
2	4461054	2	Seal	
3	4460891	1	Plug, Male - 2 Position	
3	4460942	2	Socket, Female	
4	4460897	1	Connector - 2 Position	
4	4460941	2	Pin, Male	
5	8220051	2	Terminal, Ring	

SECTION 8 - ELECTRICAL

FIGURE 8-49. FUEL HARNESS - DEUTZ TD2.9L4 (STAGE V) ENGINE



ART_1001245913

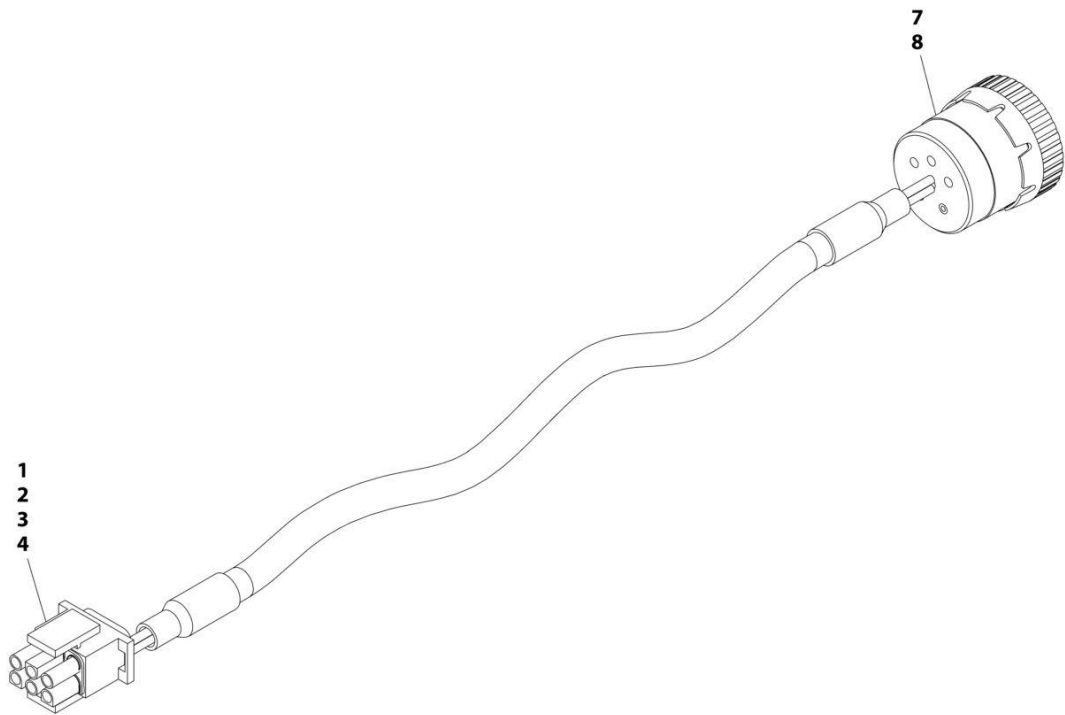
SECTION 8 - ELECTRICAL

FIGURE 8-49. FUEL HARNESS - DEUTZ TD2.9L4 (STAGE V) ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001245913	Ref	FUEL HARNESS - DEUTZ (STAGE V) ENGINE	D
1	1001148842	1	Connector - 4 Position	
1	1001148841	4	Pin, Male	
1	1001135650	4	Seal	
2	1001133714	1	Plug, Male - 4 Position	
2	1001133715	4	Socket, Female	
2	1001135650	4	Seal	

SECTION 8 - ELECTRICAL

FIGURE 8-50. GENERATOR HARNESS - 4000W GENERATOR



ART_1001152532

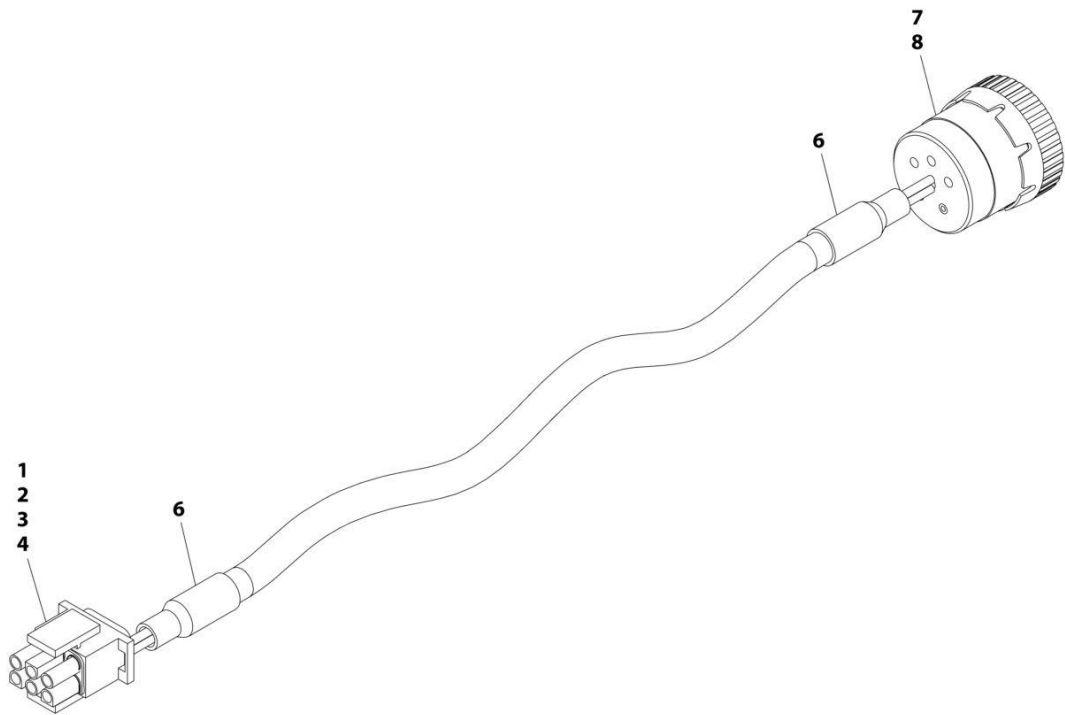
SECTION 8 - ELECTRICAL

FIGURE 8-50. GENERATOR HARNESS - 4000W GENERATOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001152532	Ref	GENERATOR HARNESS	A
1	4460225	1	Connector - 6 Position	
2	4460268	2	Socket, Female	
3	4460807	1	Seal	
4	4460808	1	Seal	
7	4460465	2	Socket, Female	
8	77363233	1	Connector - 6 Position	

SECTION 8 - ELECTRICAL

FIGURE 8-51. GENERATOR HARNESS - 7500W SKYPOWER GENERATOR



ART_4922925

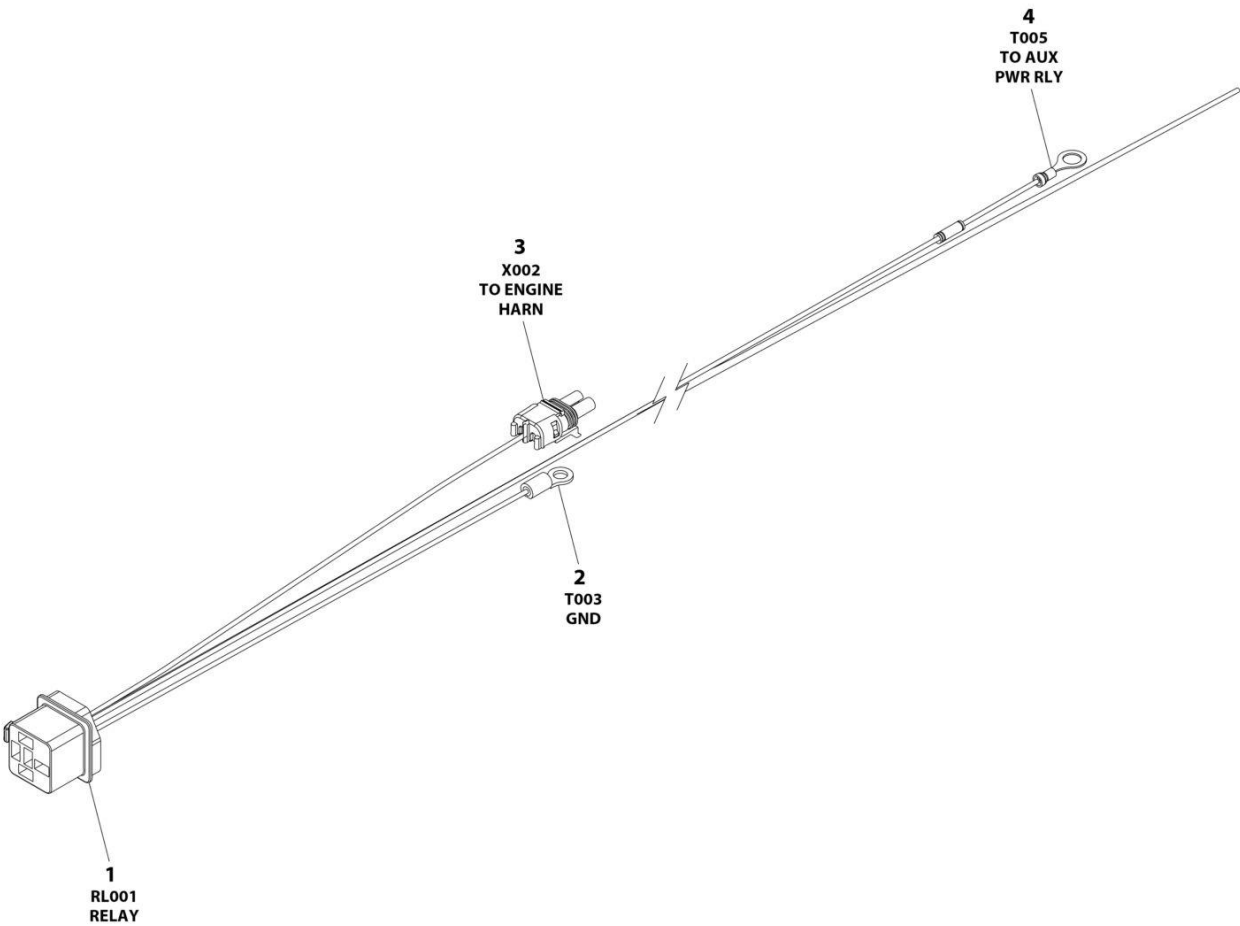
SECTION 8 - ELECTRICAL

FIGURE 8-51. GENERATOR HARNESS - 7500W SKYPOWER GENERATOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4922925	Ref	GENERATOR TO CONTROL BOX HARNESS (7500W GENERATOR)	C
1	4460225	1	Plug, Male - 2 Position	
2	4460268	6	Socket, Female	
3	4460807	1	Seal	
4	4460808	1	Seal	
6	2820019	AR	Heat Shrink	
7	4460465	6	Socket, Female	
8	77363233	1	Connector - 6 Position	

SECTION 8 - ELECTRICAL

FIGURE 8-52. GENERATOR TO ENGINE HARNESS - 2500W (FORD ENGINES)



ART_4923445

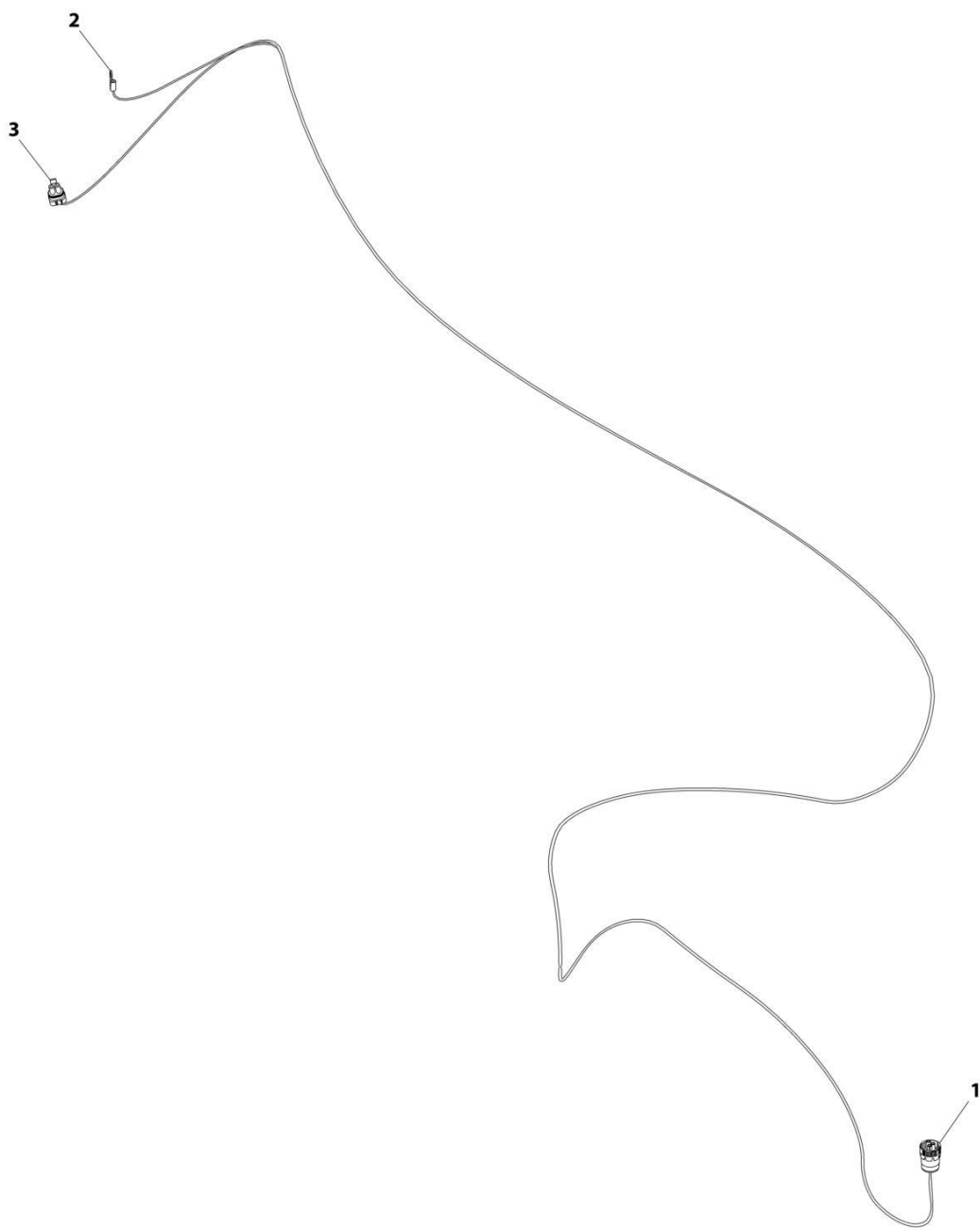
SECTION 8 - ELECTRICAL

FIGURE 8-52. GENERATOR TO ENGINE HARNESS - 2500W (FORD ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4923445	Ref	GENERATOR TO ENGINE HARNESS	B
1	4460374	1	Plug, Sealed Relay	
1	1001116734	2	Socket, Female	
1	1001116733	2	Socket, Female	
2	4460043	1	Terminal, Ring	
3	4460742	1	Plug, Male - 2 Position	
3	4460457	1	Socket, Female	
3	4460458	1	Seal, Terminal	
3	1001116727	1	Plug, Terminal	
4	4460670	1	Terminal, Ring	

SECTION 8 - ELECTRICAL

FIGURE 8-53. GENERATOR TO ENGINE HARNESS - 4000W (DEUTZ D2011 ENGINES)



ART_1001153197

SECTION 8 - ELECTRICAL

FIGURE 8-53. GENERATOR TO ENGINE HARNESS - 4000W (DEUTZ D2011 ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001153197	Ref	GENERATOR TO ENGINE HARNESS	B
1	4460967	1	Plug, Male - 3 Position	
1	4460465	2	Socket, Female	
2	4460043	1	Terminal, Ring	
3	4460742	1	Plug, Male - 2 Position	
3	4460743	1	Socket, Female	
3	4460458	1	Seal, Terminal	
3	1001116727	1	Plug, Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-54. GENERATOR TO ENGINE HARNESS - 4000W (DEUTZ TD2.9L4 ENGINES)



ART_1001153259

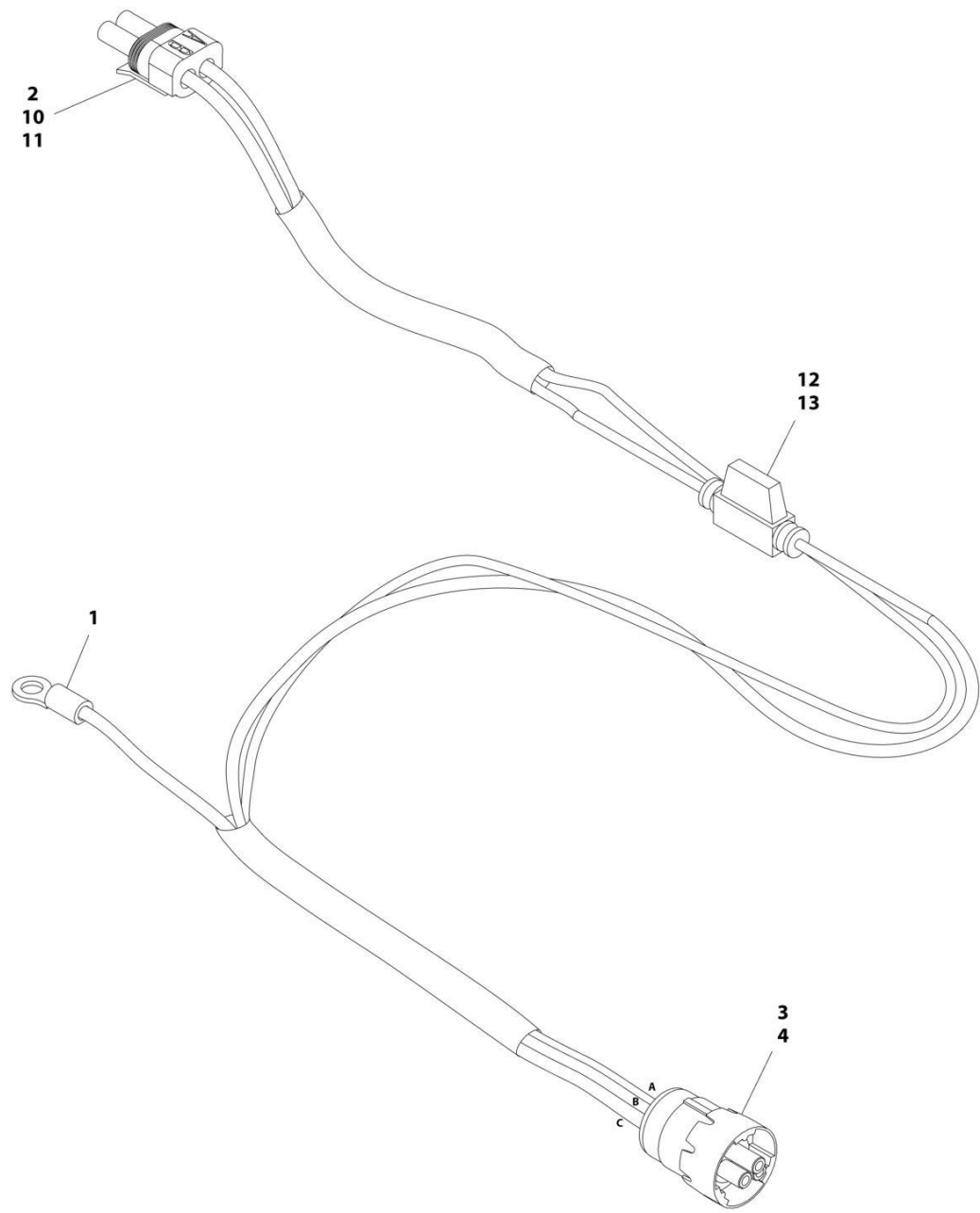
SECTION 8 - ELECTRICAL

FIGURE 8-54. GENERATOR TO ENGINE HARNESS - 4000W (DEUTZ TD2.9L4 ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001153259	Ref	GENERATOR TO PLATFORM HARNESS (4000W-60HZ GENERATOR)	B
1	4460967	1	Connector - 3 Position	
1	4460465	2	Socket, Female	
2	4460465	2	Socket, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-55. GENERATOR TO ENGINE HARNESS - 7500W SKYPOWER GENERATOR (DEUTZ D2011 ENGINES)



ART_1001152429

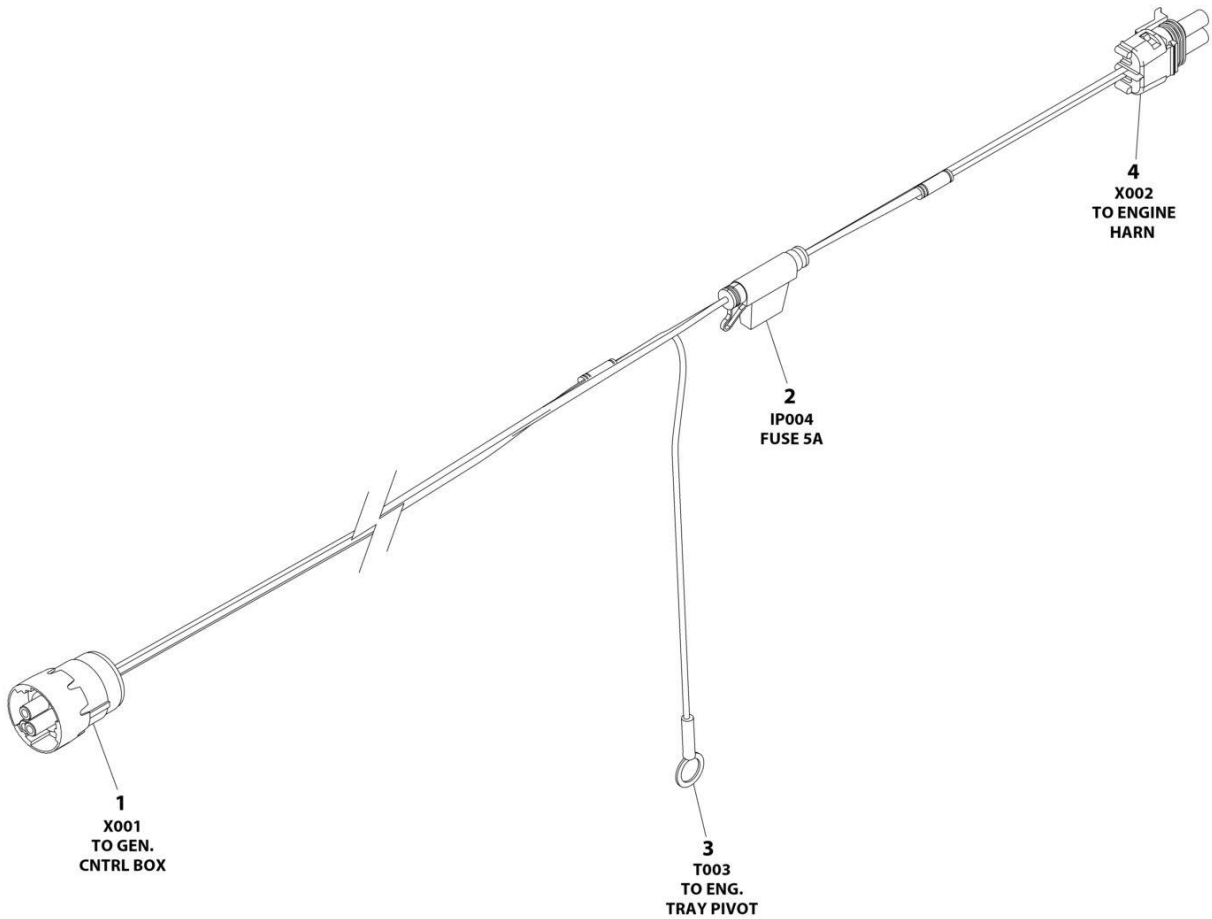
SECTION 8 - ELECTRICAL

FIGURE 8-55. GENERATOR TO ENGINE HARNESS - 7500W SKYPOWER GENERATOR (DEUTZ D2011 ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001152429	Ref	GENERATOR TO ENGINE HARNESS	C
1	4460043	1	Terminal, Ring	
2	4460742	1	Plug, Male - 2 Position	
3	4460967	1	Connector - 3 Position	
4	4460465	3	Socket, Female	
10	4460743	2	Terminal, Female	
11	4460458	2	Seal	
12	2400060	1	Fuseholder (Includes Cover)	
13	2400064	1	Fuse - 5Amp	

SECTION 8 - ELECTRICAL

FIGURE 8-56. GENERATOR TO ENGINE HARNESS - 7500W SKYPOWER (FORD DF 2.5L ENGINES)



ART_1001257972

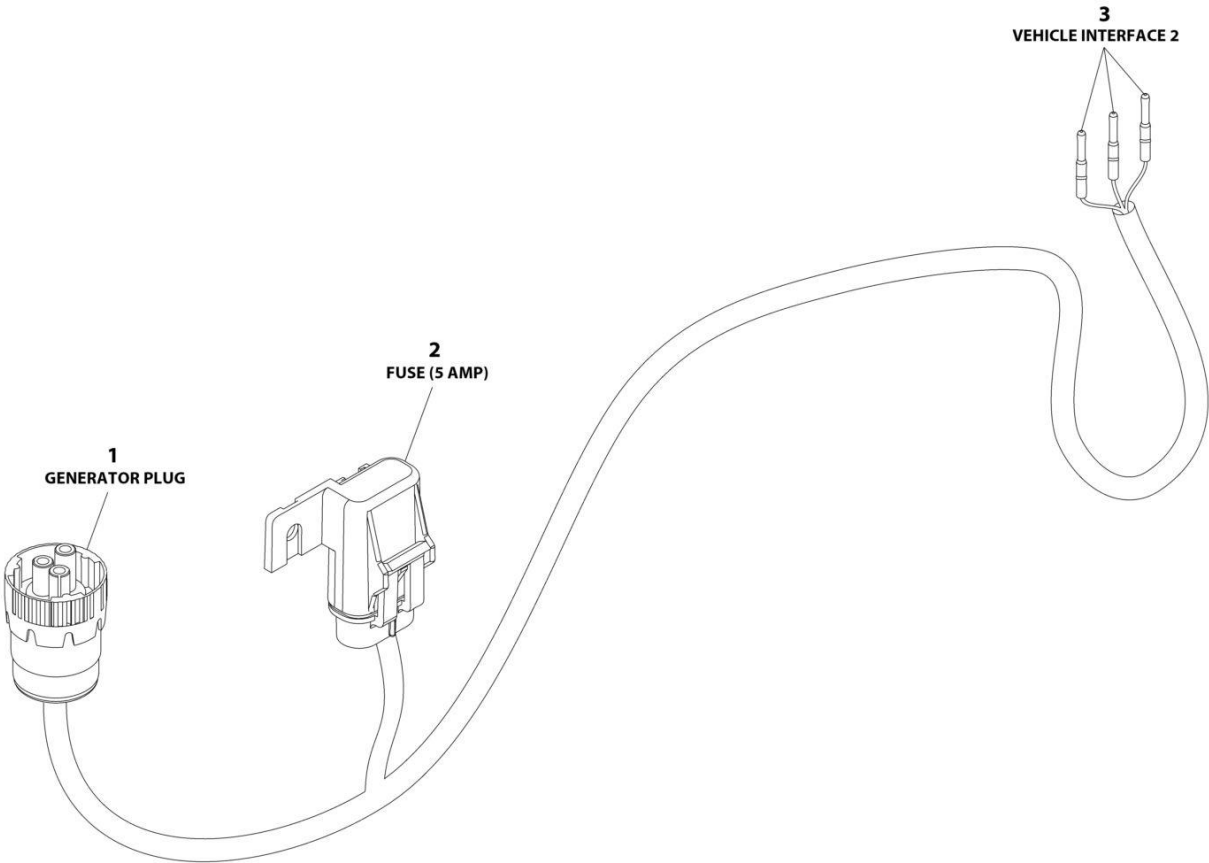
SECTION 8 - ELECTRICAL

FIGURE 8-56. GENERATOR TO ENGINE HARNESS - 7500W SKYPOWER (FORD DF 2.5L ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257972	Ref	GENERATOR TO ENGINE HARNESS	A
1	4460967	1	Plug, Male - 3 Position	
1	4460465	3	Socket, Female	
2	2400060	1	Fuse-holder (Includes Cover)	
2	2400064	1	Fuse - 5Amp	
3	4460256	1	Terminal, Ring	
4	4460742	1	Plug, Male - 2 Position	
4	4460457	2	Socket, Female	
4	4460458	2	Seal, Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-57. GENERATOR HARNESS - 7500W SKYPOWER (DEUTZ TD2.9L4 T4F ENGINES)



ART_1001119968

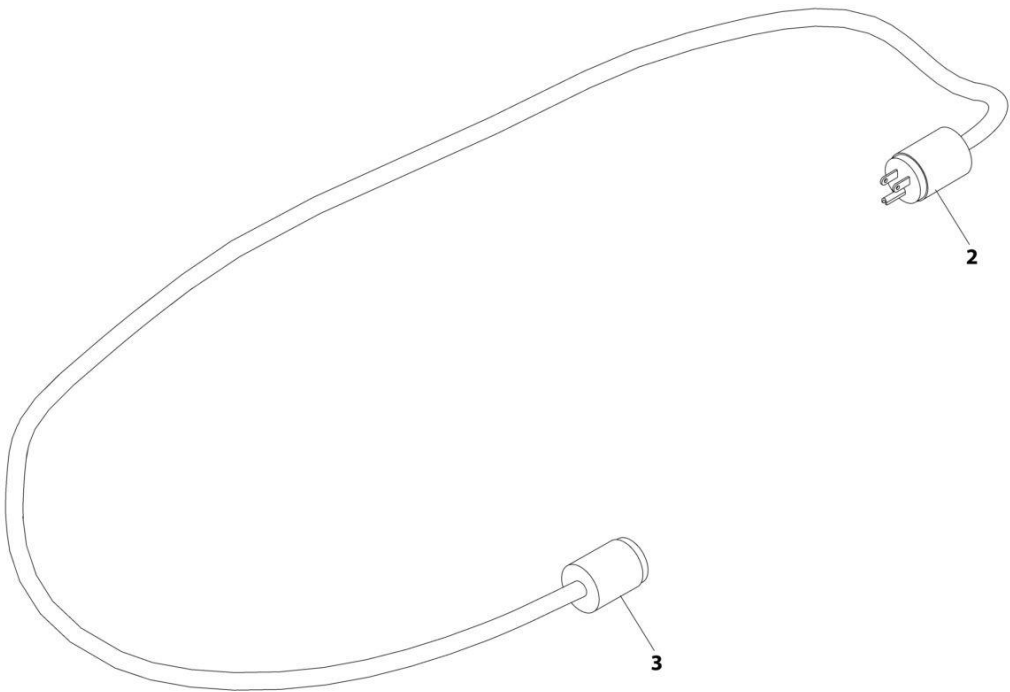
SECTION 8 - ELECTRICAL

FIGURE 8-57. GENERATOR HARNESS - 7500W SKYPOWER (DEUTZ TD2.9L4 T4F ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001119968	Ref	GENERATOR HARNESS - 7500W GENERATOR	C
1	4460967	1	Connector - 3 Position	
1	4460465	3	Socket, Female	
2	1001117078	1	Connector, Metri-Pack with 5Amp Fuse	
3	4460465	3	Socket, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-58. GENERATOR TO REAR OF BOOM HARNESS - 110V



ART_4921829

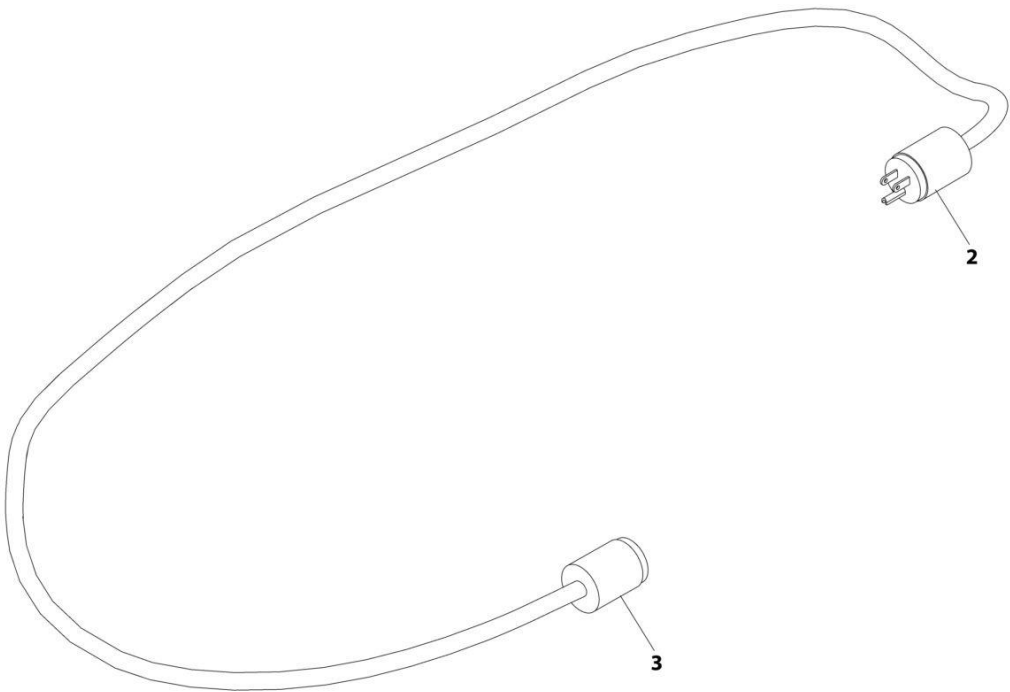
SECTION 8 - ELECTRICAL

FIGURE 8-58. GENERATOR TO REAR OF BOOM HARNESS - 110V

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4921829	Ref	GENERATOR TO REAR OF BOOM HARNESS - 110V	Z-A
2	4460205	1	Plug, Male	
3	4460134	1	Connector, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-59. GENERATOR TO REAR OF BOOM HARNESS - 220V



ART_4921955

SECTION 8 - ELECTRICAL

FIGURE 8-59. GENERATOR TO REAR OF BOOM HARNESS - 220V

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4921955	Ref	GENERATOR TO REAR OF BOOM HARNESS - 220V	A
2	4460233	1	Terminal, Plug	
3	4460701	1	Terminal, Connector	

818

800AJ



SECTION 8 - ELECTRICAL

FIGURE 8-60. GROUND CONTROL BOX HARNESS

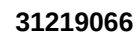
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266628	Ref	GROUND CONTROL BOX HARNESS	C
12	4460297	4	Terminal	
16	4460536	1	Receptacle, Female - 3 Position	
17	4460943	12	Pin, Male	
21	3990010	2	Diode, 6 Amp	
22	4460905	2	Seal, Terminal	
23	4460227	36	Pin, Male	
24	4460434	2	Plug Male - 15 Position	
26	4460873	1	Connector - 35 Position	
27	4460508	4	Terminal	
28	1001237667	1	Plug Male - 6 Position	
29	1001237668	5	Terminal	
34	1001159186	18	Terminal	
35	4460418	9	Connector, Switch	
36	4460806	5	Terminal, Fork	
38	4460871	84	Socket, Female	
39	4460876	1	Connector - 35 Position	
40	4460259	15	Terminal	
41	4460260	19	Housing, Terminal	
42	4460464	13	Pin, Male	
43	4460866	1	Connector - 19 Position	
44	4460878	1	Plug Male - 4 Position	
45	4460887	3	Terminal	
46	4460142	4	Terminal, Ring	
47	4460313	3	Terminal	
49	1001119020	2	Connector, Buss Bar - 12 Position	
50	4460761	1	Receptacle, Female - 4 Position	
51	4460868	AR	Terminal	
53	4460465	35	Socket, Female	
54	2400060	2	Fuse Holder with Cover	
55	8229242	3	Fuse 5Amp	
56	4460933	2	Plug, Male - 12 Position	
57	4460872	1	Connector - 14 Position	
58	1001113961	1	Connector - 8 Position	
59	4460874	1	Connector - 35 Position	
60	4460875	1	Connector - 35 Position	
61	1001112612	1	Connector - 9 Position	
62	4460884	1	Plug, Male - 4 Position	
63	4460466	7	Plug, Terminal	
64	4460894	1	Plug, Male - 6 Position	
65	4460419	8	Terminal	
69	1001229530	1	Receptacle, Female - 3 Position	
70	1001200497	1	Plug, Male - 3 Position	
71	1001116812	2	Plug, Male - 3 Position	
72	4460944	4	Socket, Female	
73	1001116815	1	Plug, Male - 3 Position	
74	4460945	1	Connector, 3-Way Tee	
75	4460877	4	Terminal	
76	4460320	1	Connector - 2 Position	
77	1001201885	2	Terminal	

SECTION 8 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
78	4460891	1	Plug, Male - 2 Position	
79	4460911	1	Connector - 3 Position	
80	1001116694	3	Terminal	
82	2400060	AR	Fuse Holder with Cover (Prior to PVC 2201)	
82	1001255901	AR	Fuse Holder with Cover (PVC 2201 to Present)	

822

800AJ



ART 1001266648

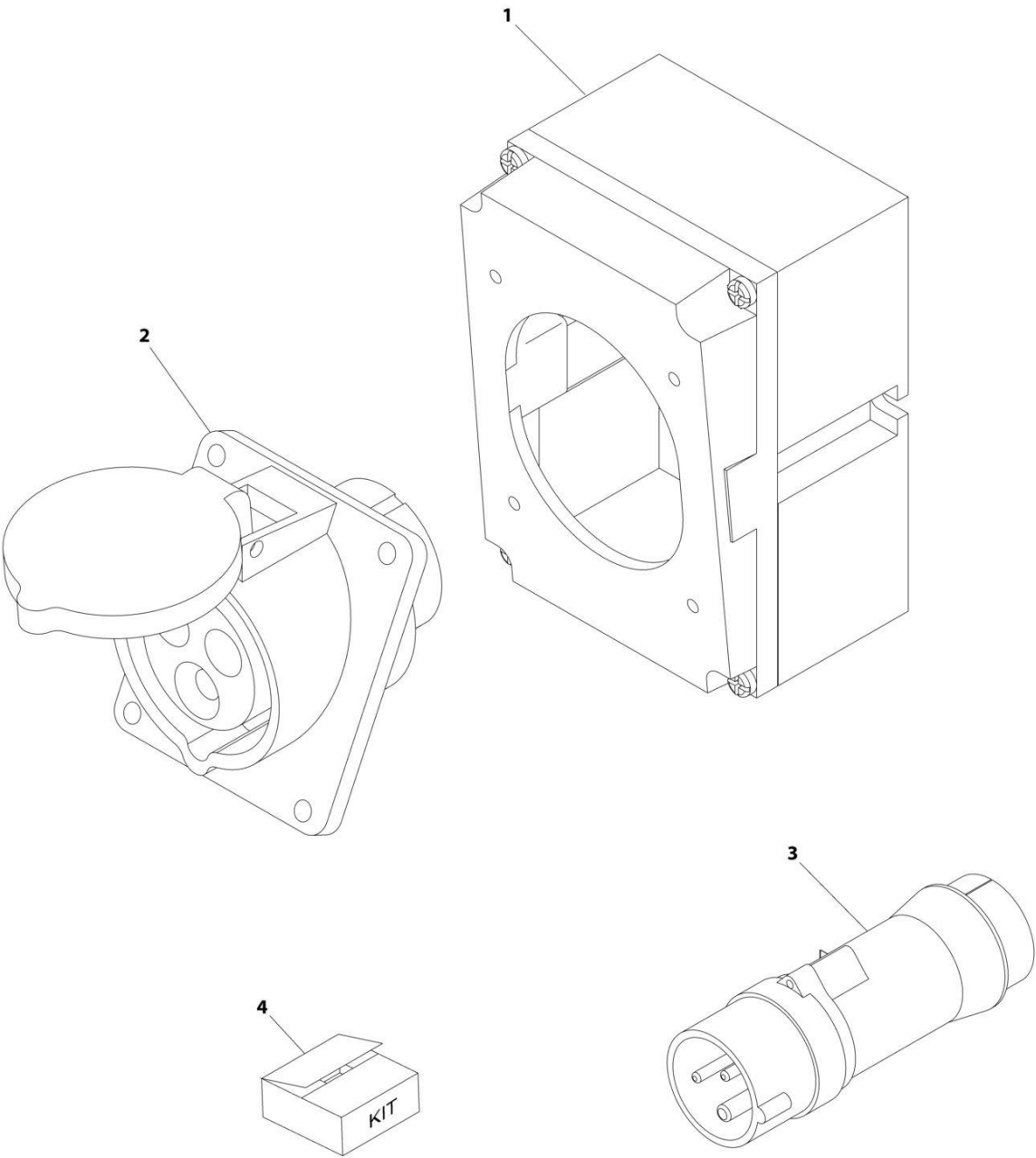
SECTION 8 - ELECTRICAL

FIGURE 8-61. PLATFORM CONSOLE BOX HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266648	Ref	PLATFORM CONSOLE BOX HARNESS	B
19	4460866	1	Connector - 19 Position	
20	4460874	1	Connector - 35 Position	
21	4460875	1	Connector - 35 Position	
22	4460873	1	Connector - 35 Position	
23	4460871	81	Socket, Female	
24	4460464	6	Pin, Male	
25	4460879	1	Plug, Male - 2 Position	
26	4460887	2	Terminal	
27	1001098122	2	Terminal, Ring	
28	4460260	10	Housing, Terminal	
29	4460259	10	Terminal	
30	4460418	9	Connector, Switch	
31	4460419	27	Terminal	
32	4120035	14	Socket, Light (Not Shown)	
33	4460634	14	Socket, Lamp (Single Wire) (Not Shown)	
34	4460635	14	Socket, Lamp (Double Wire) (Not Shown)	
35	4460888	1	Terminal, Fork	
36	4460225	1	Plug, Male - 6 Position	
37	4460227	31	Pin, Male	
41	4460508	3	Pin, Male	
42	4460806	1	Terminal, Fork	
43	4460434	2	Connector - 15 Position	
44	2920129	14	Bulb (Not Shown)	
45	4460183	4	Terminal, Fork	
46	4460016	2	Terminal	
47	4460905	24	Plug, Terminal	
48	4460267	1	Pin, Male	
49	4460465	5	Socket, Female	
51	4460944	11	Socket, Female	
54	4460536	1	Receptacle, Female - 3 Position	
55	4460539	1	Plug, Male - 3 Position	
56	4460943	3	Pin, Male	
57	4460894	2	Plug, Male - 6 Position	
59	4460933	2	Plug, Male - 12 Position	
60	4460466	5	Plug, Terminal	
61	1001119020	1	Connector, Buss Bar - 12 Position	
62	1001213447	1	Connector - 5 Position	
63	2400060	1	Fuseholder Includes Cover	
64	8229249	1	Fuse, 3 Amp	
65	1001237667	1	Plug, Male - 6 Position	
66	1001237668	4	Socket, Female	
70	4460708	2	Connector - 15 Position	
71	4460226	2	Socket, Female	
72	1001201885	2	Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-62. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE & UK CA SPECS)



ART_0275216

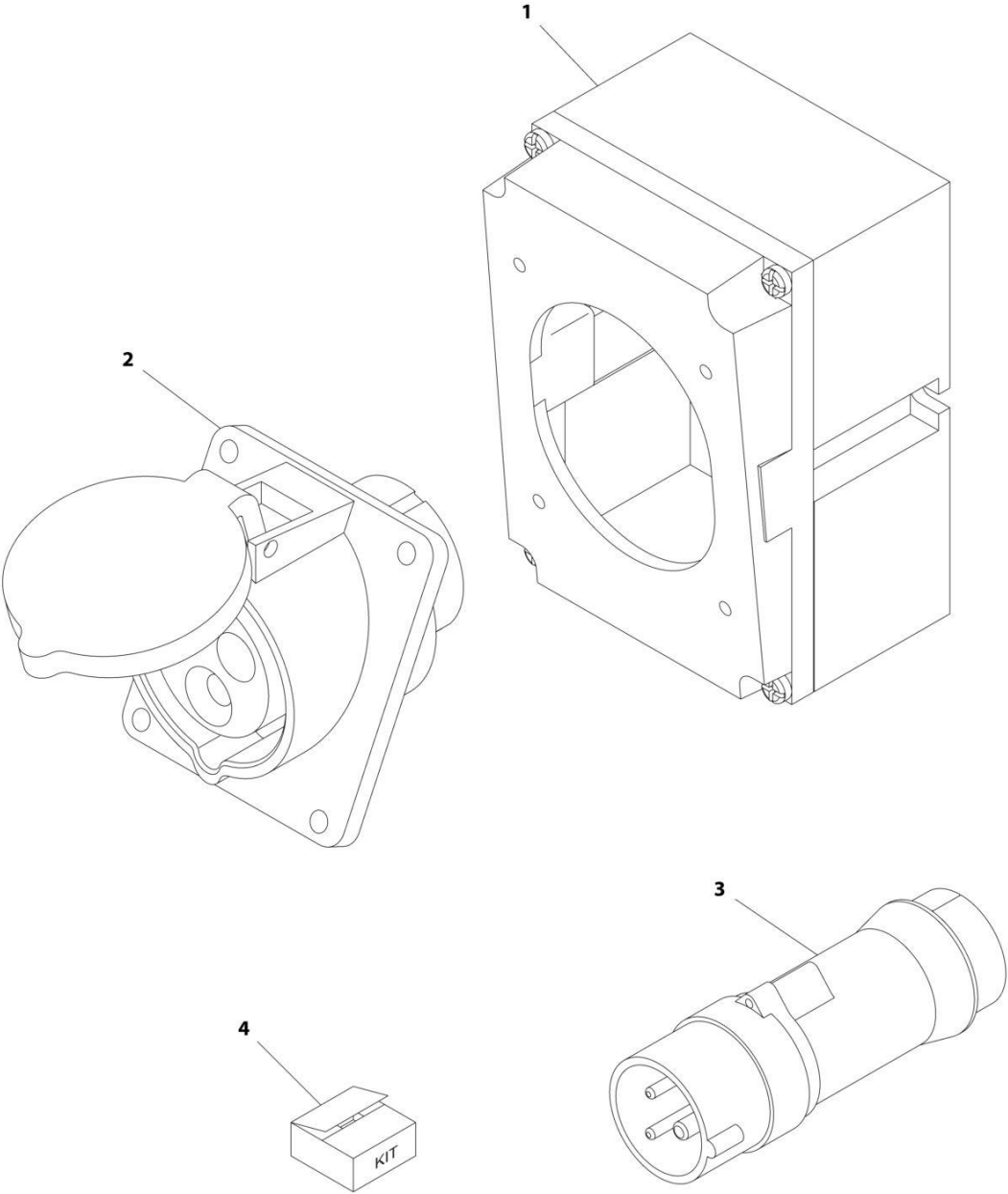
SECTION 8 - ELECTRICAL

FIGURE 8-62. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275216	Ref	RECEPTACLE BOX KIT - 110V IEC YELLOW	B
1	0861781	1	Box, Switch	
2	4461198	1	Receptacle	
3	4461196	1	Plug, Male	
4	1001100341	1	Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461197)	

SECTION 8 - ELECTRICAL

FIGURE 8-63. RECEPTACLE BOX KIT - 220V IEC BLUE (CE & UK CA SPECS)



ART_0275217

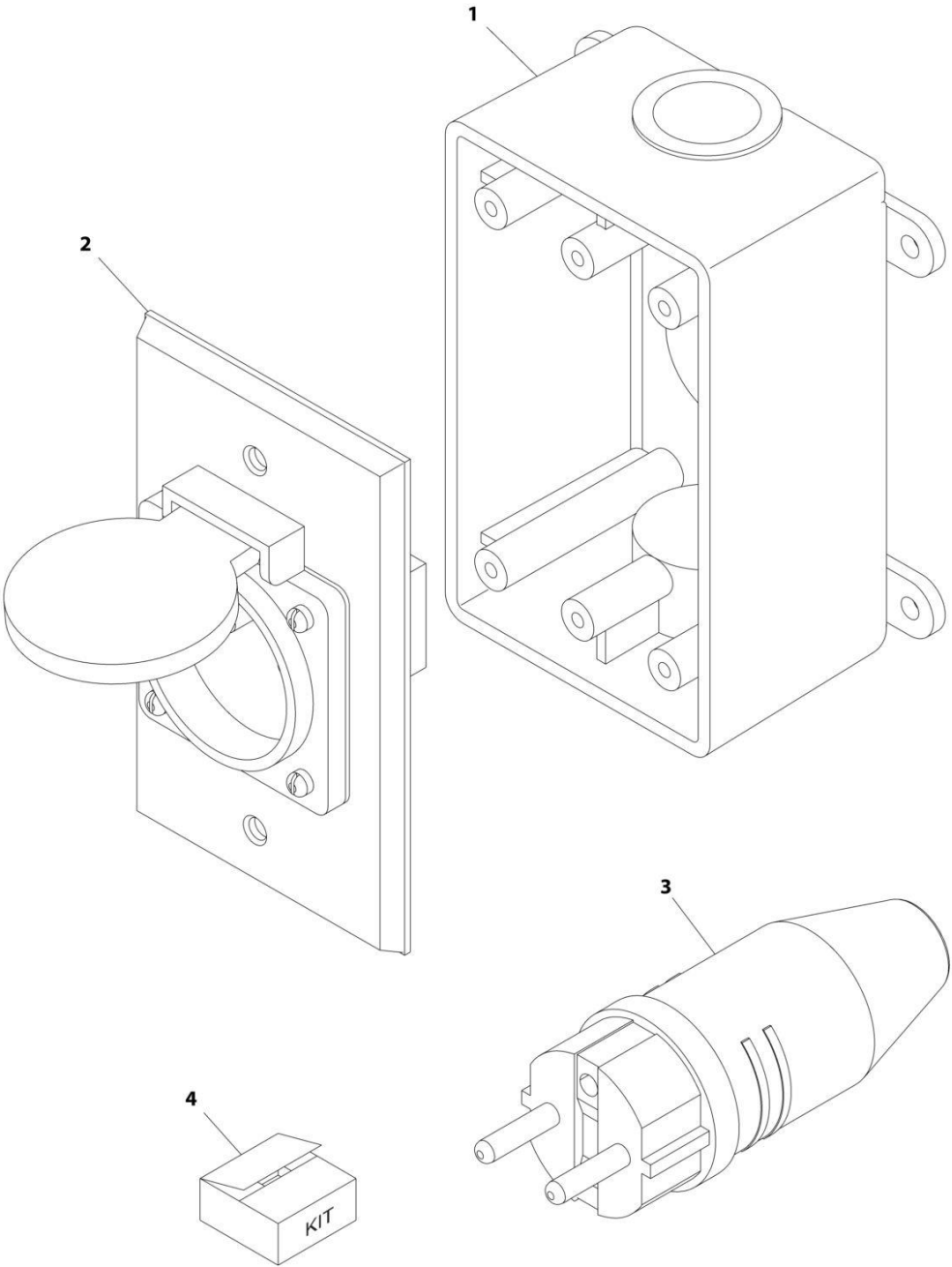
SECTION 8 - ELECTRICAL

FIGURE 8-63. RECEPTACLE BOX KIT - 220V IEC BLUE (CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275217	Ref	RECEPTACLE BOX KIT - 220V IEC BLUE	B
1	0861781	1	Box, Switch	
2	4461201	1	Receptacle	
3	4461199	1	Plug, Male	
4	1001100342	1	Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461200)	

SECTION 8 - ELECTRICAL

FIGURE 8-64. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2X4 BOX (CE & UK CA SPECS)



ART_0275452-C

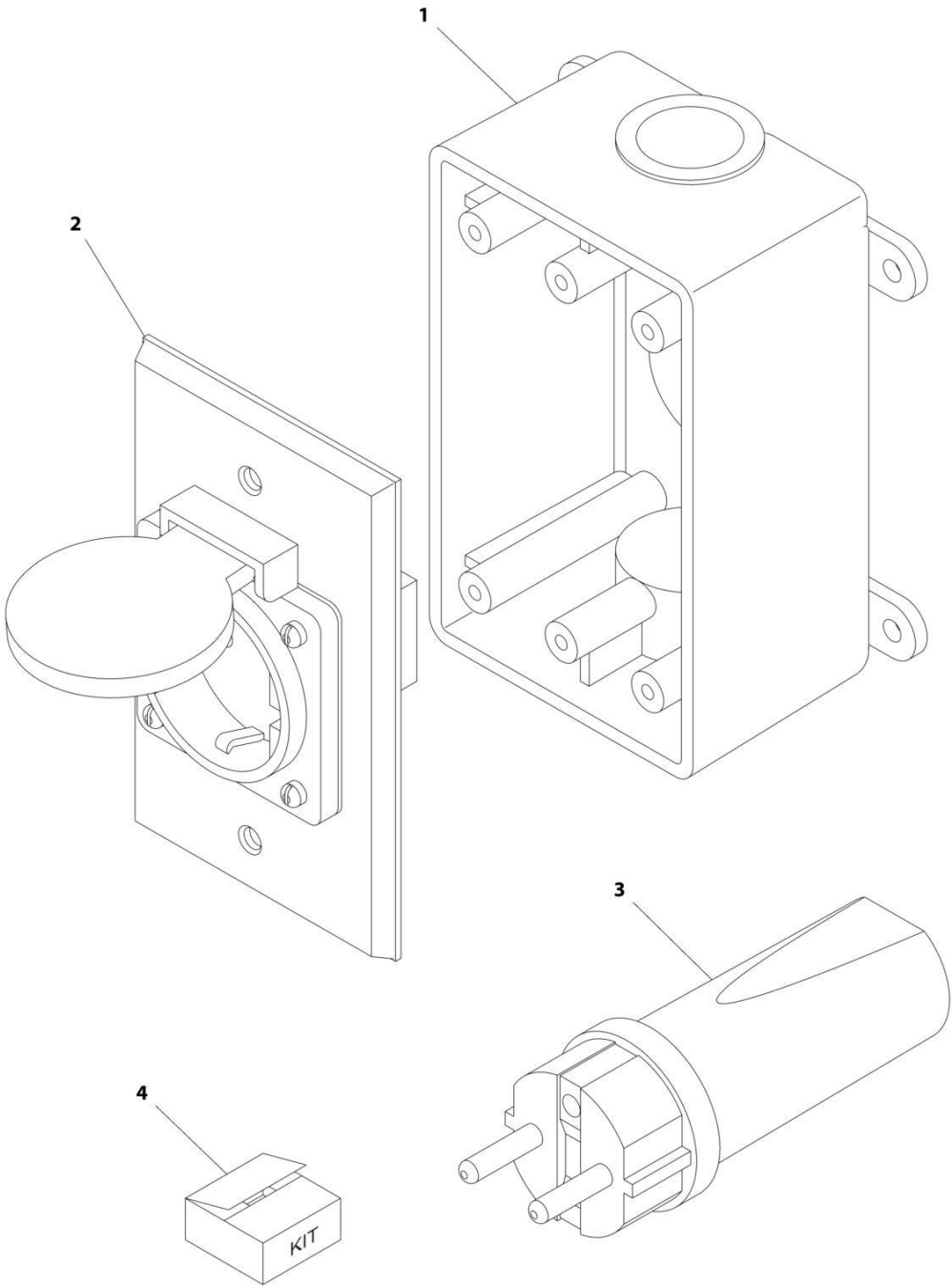
SECTION 8 - ELECTRICAL

FIGURE 8-64. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2X4 BOX (CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275452	Ref	RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2IN X 4IN BOX	C
1	0861731	1	Box, Switch	
2	4461244	1	Receptacle	
3	4461205	1	Plug, Male	
4	1001100345	1	Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461203)	

SECTION 8 - ELECTRICAL

FIGURE 8-65. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND 2X4 BOX (CE & UK CA SPECS)



ART_0275453

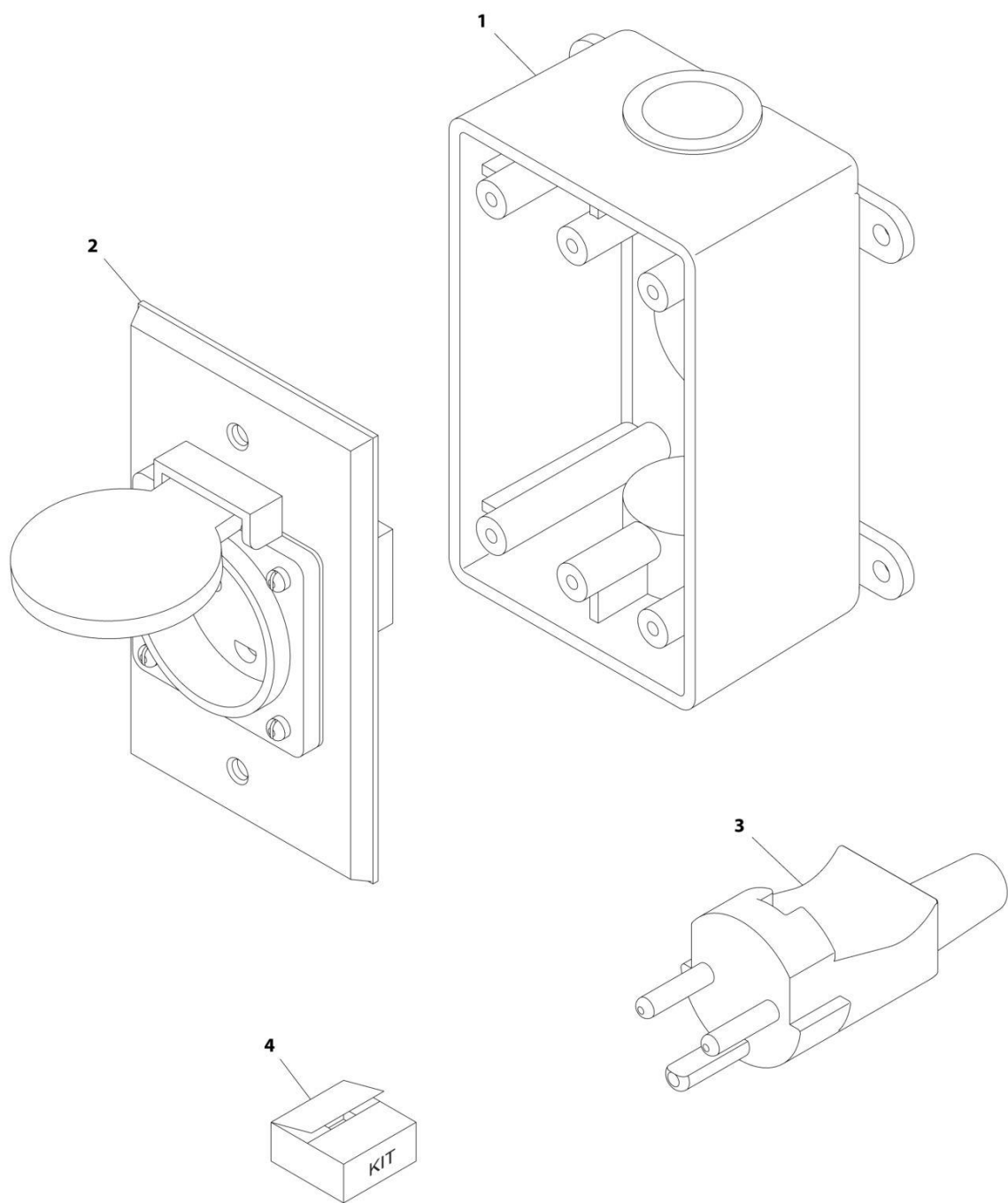
SECTION 8 - ELECTRICAL

FIGURE 8-65. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND 2X4 BOX (CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275453	Ref	RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND	B
1	0861731	1	Box, Switch	
2	4461245	1	Receptacle	
3	4461205	1	Plug, Male	
4	1001100347	1	Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461206)	

SECTION 8 - ELECTRICAL

FIGURE 8-66. RECEPTACLE BOX KIT - 220V AFSINT107 KEYED GROUND (CE & UK CA SPECS)



ART_0275454

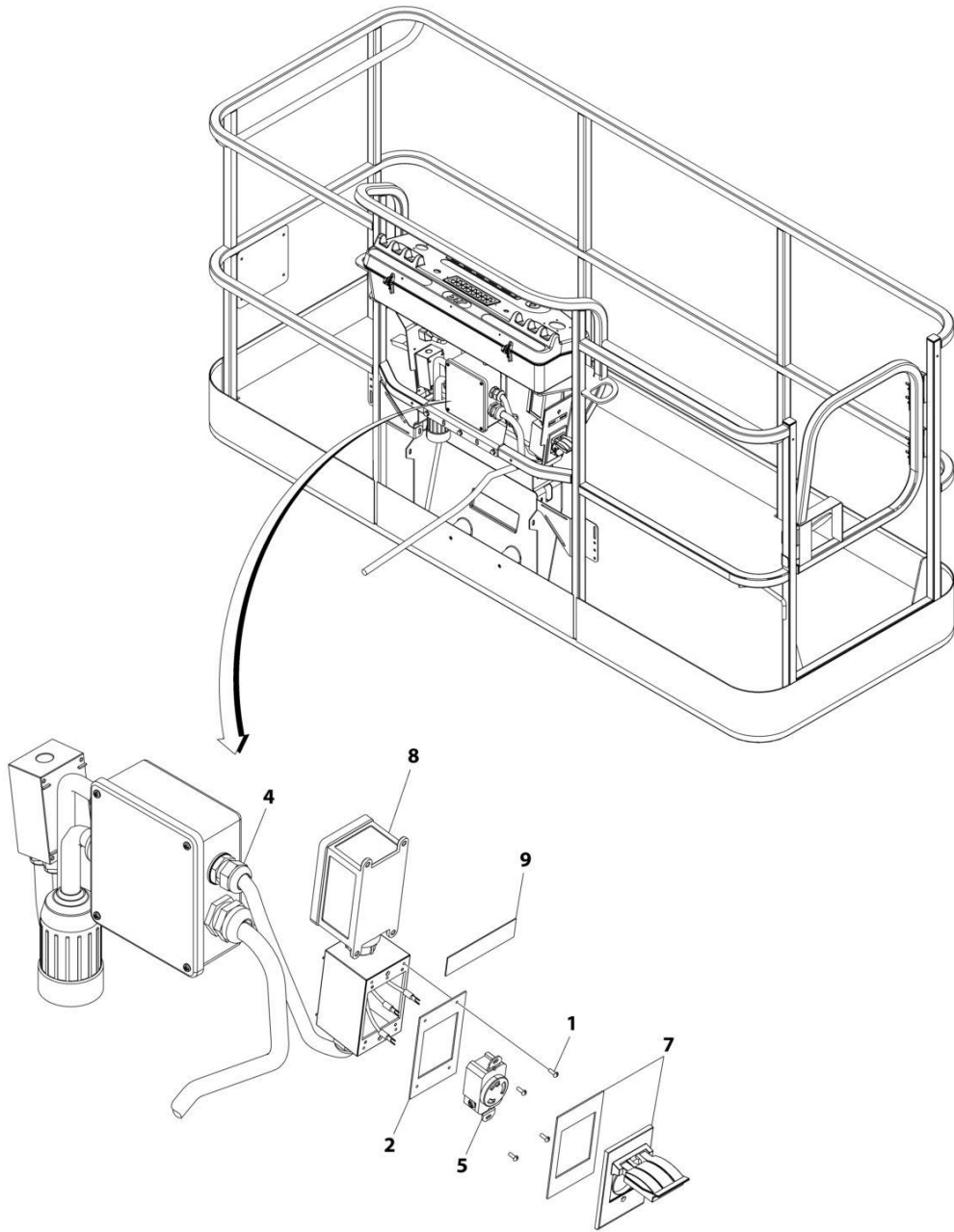
SECTION 8 - ELECTRICAL

FIGURE 8-66. RECEPTACLE BOX KIT - 220V AFSINT107 KEYED GROUND (CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275454	Ref	RECEPTACLE BOX KIT - 220V AFSINT 107	B
1	0861731	1	Box, Switch	
2	4461246	1	Receptacle	
3	4461249	1	Plug, Male	
4	1001100346	1	Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461250)	

SECTION 8 - ELECTRICAL

FIGURE 8-67. RECEPTACLE/BREAKER BOX ASSEMBLY - 240V (7500W SKYPOWER GENERATORS)
(ANSI, ANSI EXPORT AND CSA SPECS)



ART_1001159121

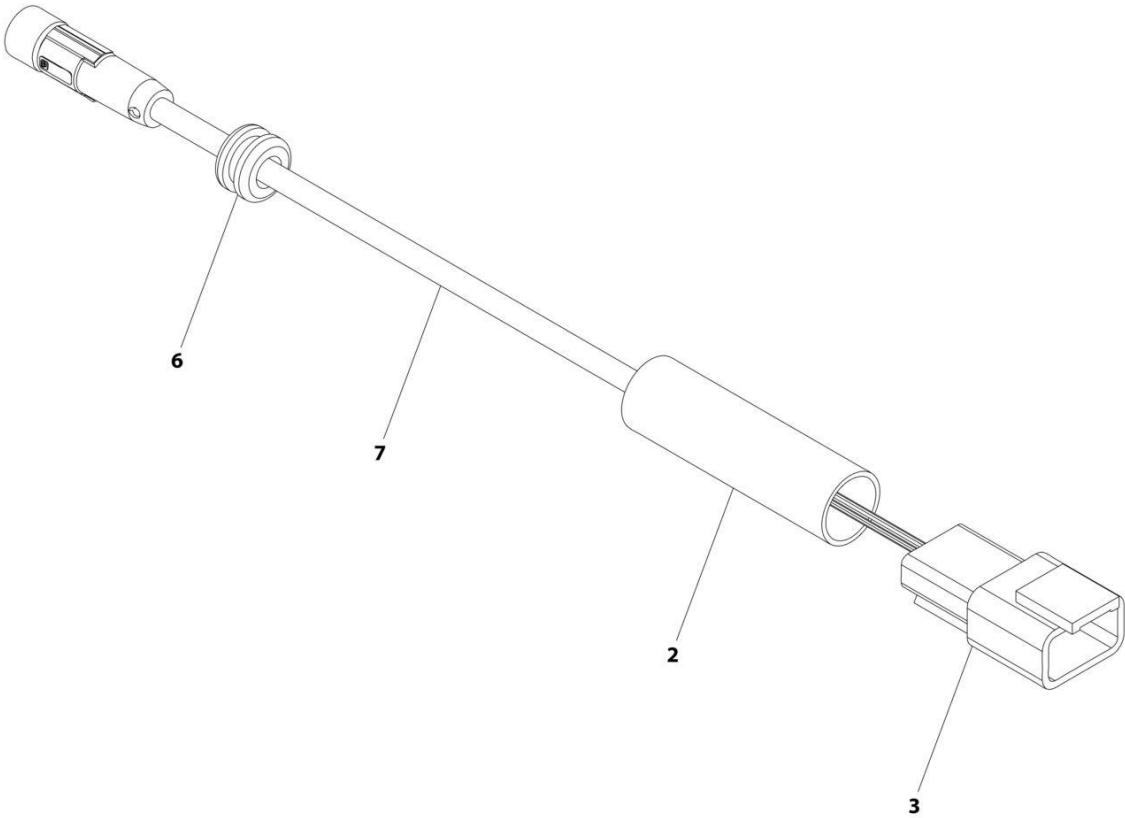
SECTION 8 - ELECTRICAL

**FIGURE 8-67. RECEPTACLE/BREAKER BOX ASSEMBLY - 240V (7500W SKYPOWER GENERATORS)
(ANSI, ANSI EXPORT AND CSA SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001159121	Ref	AC BOX AT PLATFORM INSTALLATION - 240V RECEPTACLE	B
1	3910606	4	Screw 6 x 3/8	
2	3960422	1	Gasket	
3	4240018	AR	Tie-Strap (Not Shown)	
4	4460425	1	Connector, Strain Relief	
5	4460958	1	Receptacle	
7	1001110872	1	Cover, Receptacle	
8	1001159120	1	Receptacle/Breaker Box Assembly	
8	1001148675	1	Box, Receptacle	
8	1001159118	1	Breaker Box Assembly	
8	4460612	1	Connector, Strain Relief	
8	1001159119	1	Connector (Between Boxes)	
9	1705374	1	Decal - 240V/60Hz	

SECTION 8 - ELECTRICAL

FIGURE 8-68. SKYEYE EMITTER HARNESS



ART_1001237864

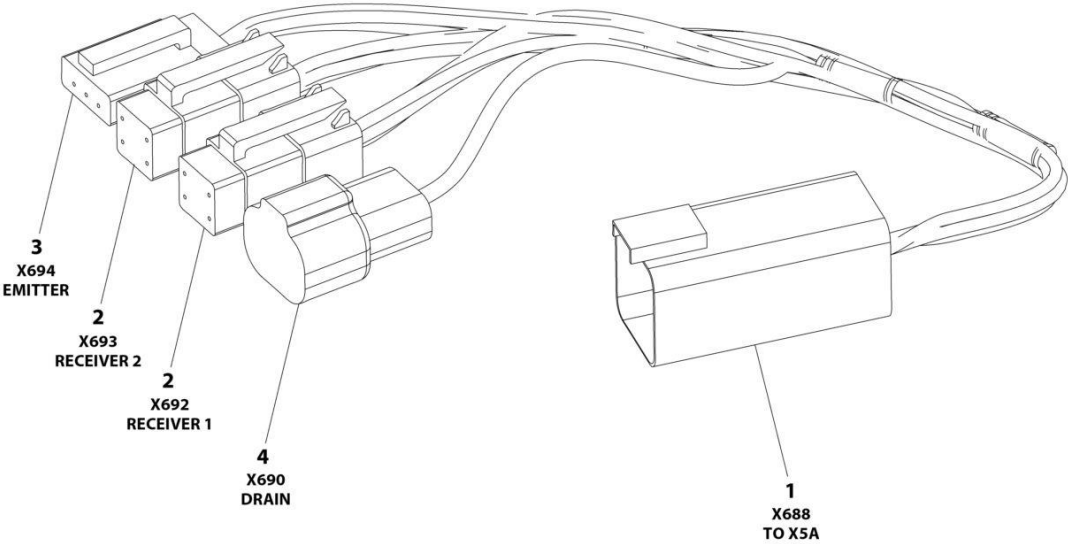
SECTION 8 - ELECTRICAL

FIGURE 8-68. SKYEYE EMITTER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237864	Ref	SKYEYE EMITTER HARNESS	A
2	2820247	AR	Tubing, Heat Shrink	
3	4460910	1	Connector - 3 Position	
3	1001119620	3	Pin, Male	
6	1001227996	1	Grommet	
7	1001237862	1	Cable, M8 Female Cordset	

SECTION 8 - ELECTRICAL

FIGURE 8-69. SKYEYE INTERMEDIATE HARNESS



ART_1001237865

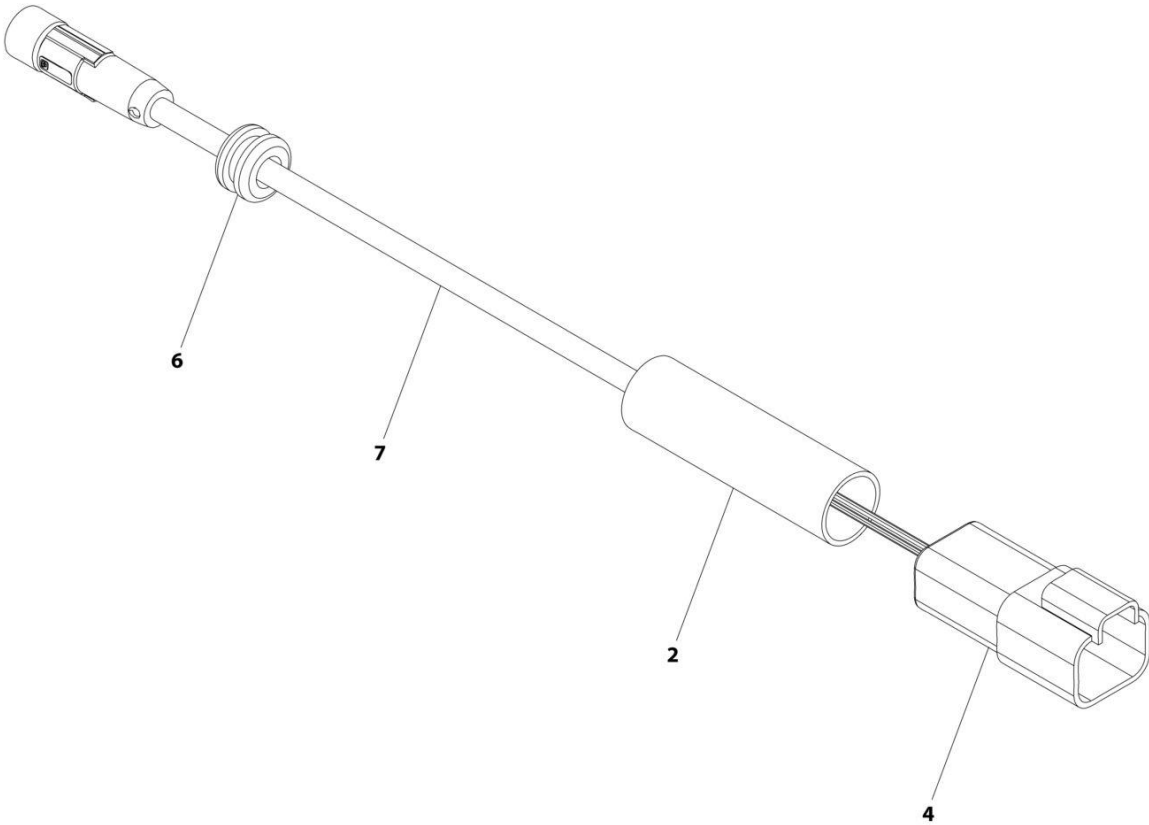
SECTION 8 - ELECTRICAL

FIGURE 8-69. SKYEYE INTERMEDIATE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237865	Ref	SKYEYE INTERMEDIATE HARNESS	A
1	4460899	1	Connector - 6 Position	
1	4460943	4	Pin, Male	
1	4460466	2	Plug, Terminal	
2	4461077	2	Connector - 4 Position	
2	1001119619	8	Socket, Female	
3	4460911	1	Connector - 3 Position	
3	1001119619	3	Socket, Female	
4	1001187681	1	Connector - 2 Position	
4	4460941	1	Pin, Male	
4	4460466	1	Plug, Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-70. SKYEYE RECEIVER HARNESS



ART_1001237863

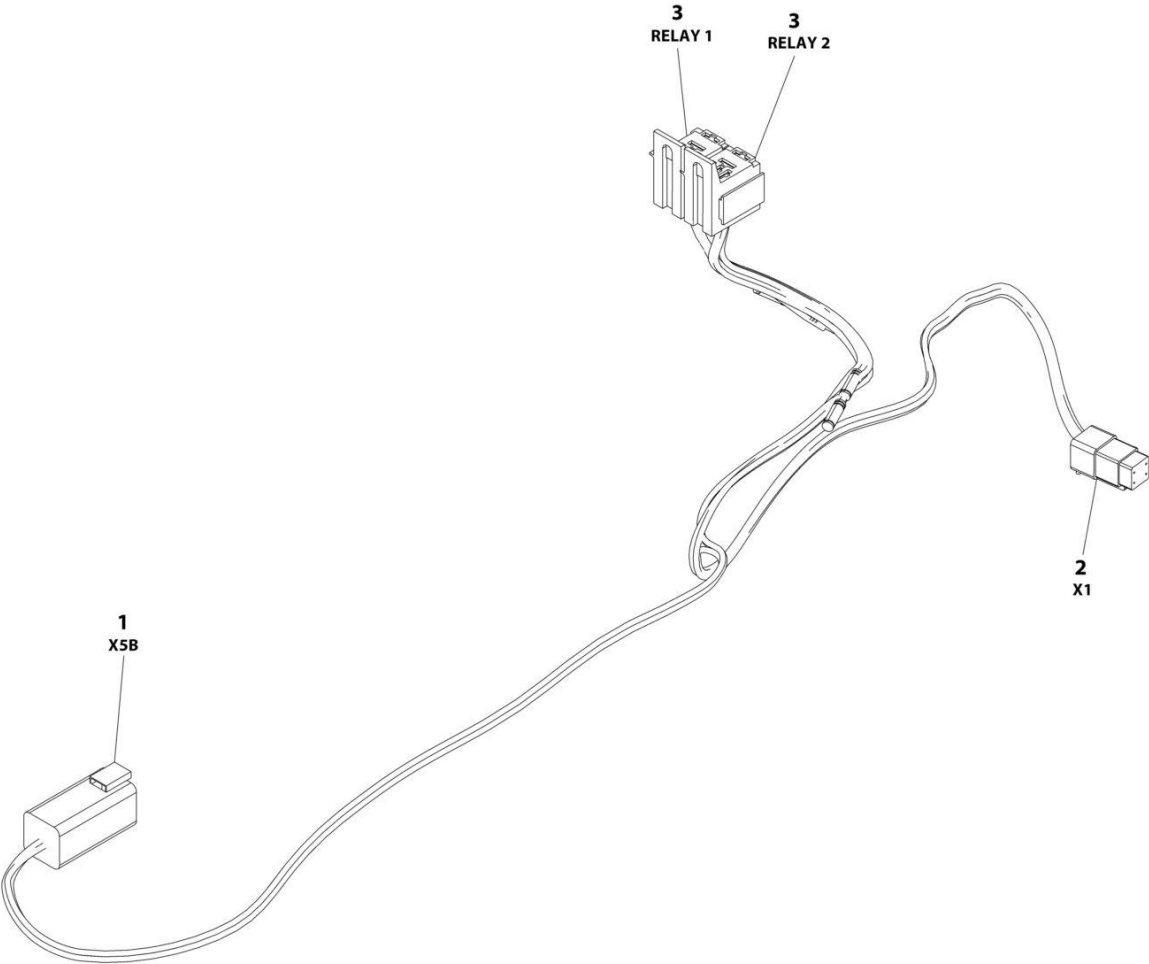
SECTION 8 - ELECTRICAL

FIGURE 8-70. SKYEYE RECEIVER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237863	Ref	SKYEYE RECEIVER HARNESS	A
2	2820247	AR	Tubing, Heat Shrink	
4	1001097051	1	Connector - 4 Position	
4	1001119620	4	Pin, Male	
6	1001227996	1	Grommet	
7	1001237862	1	Cable, M8 Female Cordset	

SECTION 8 - ELECTRICAL

FIGURE 8-71. SKYLINE HARNESS



ART_1001238418

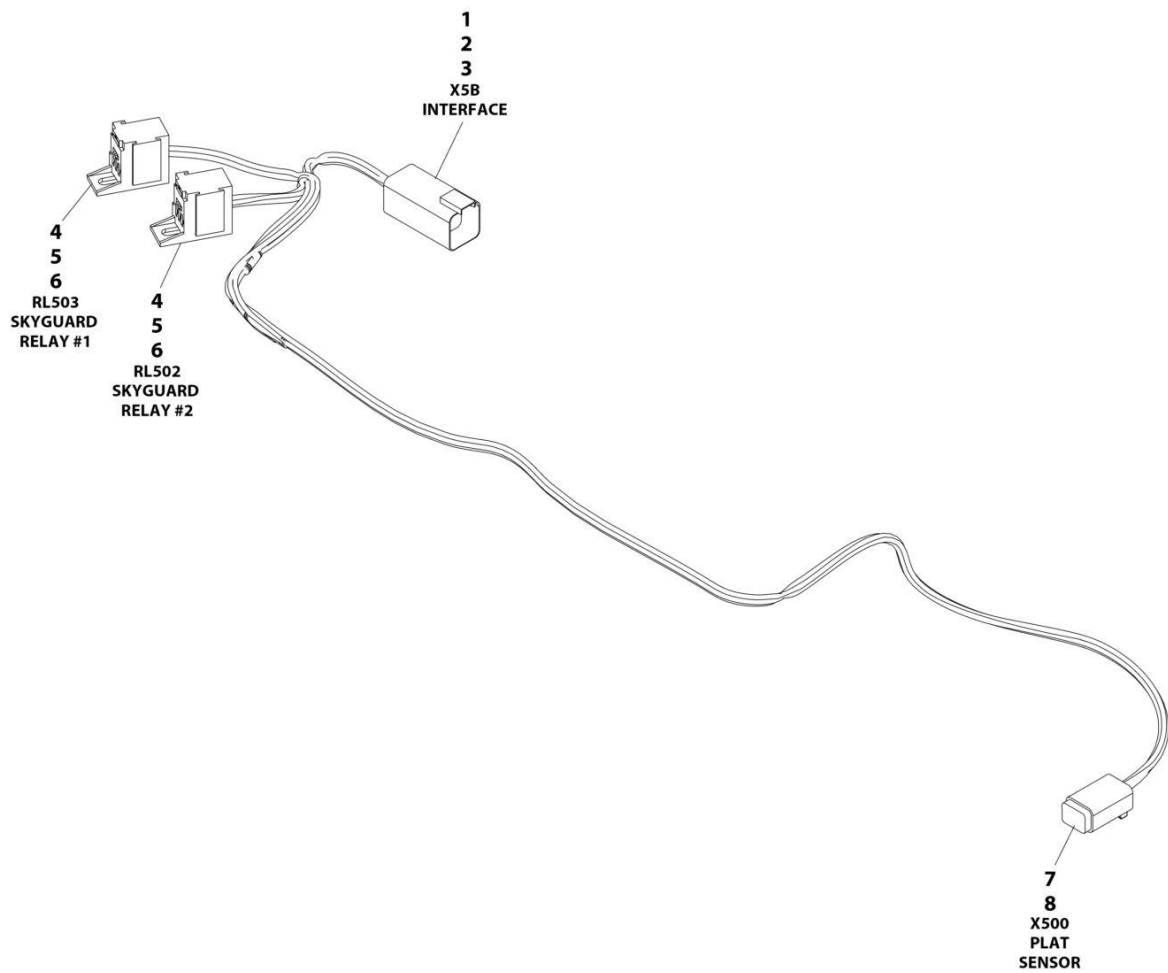
SECTION 8 - ELECTRICAL

FIGURE 8-71. SKYLINE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238418	Ref	SKYLINE HARNESS	B
1	4460899	1	Connector - 6 Position	
1	4460464	4	Pin, Male	
1	4460466	2	Plug, Terminal	
2	4461077	1	Connector - 4 Position	
2	1001126009	4	Socket, Female	
3	1001186432	2	Plug, Relay	
3	1001118388	5	Terminal	
3	1001118384	3	Terminal	
3	3740086	2	Relay	

SECTION 8 - ELECTRICAL

FIGURE 8-72. SKYGUARD INTERFACE HARNESS



ART_1001225580_E

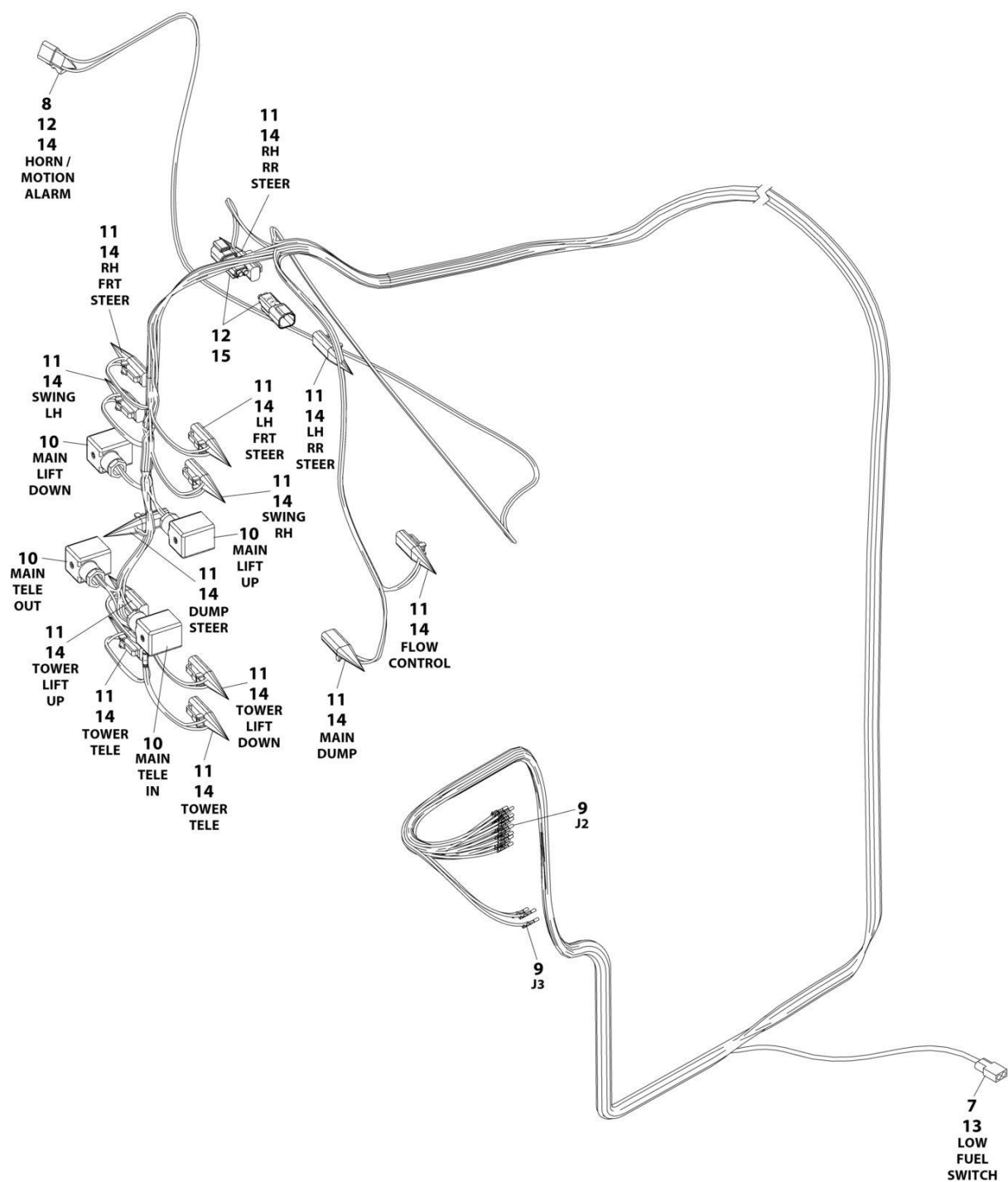
SECTION 8 - ELECTRICAL

FIGURE 8-72. SKYGUARD INTERFACE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225580	Ref	PLATFORM INTERFACE HARNESS - WITH 1 CELL LSS	E
1	4460899	1	Connector	
2	4460464	4	Terminal	
3	4460466	2	Plug	
4	1001186432	2	Connector	
5	1001253375	4	Terminal	
6	1001104519	4	Terminal	
7	4460884	1	Connector	
8	4460465	4	Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-73. VALVE HARNESS



ART_1001170808_G

SECTION 8 - ELECTRICAL

FIGURE 8-73. VALVE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170808	Ref	VALVE HARNESS	G
7	4460268	2	Socket, Female	
8	4460539	1	Plug, Male - 3 Position	
9	4460871	27	Socket, Female	
10	1001263923	4	Connector, Din	
11	4460891	13	Plug, Male - 2 Position	
12	4460466	5	Plug, Terminal	
13	4460424	1	Receptacle, Female - 2 Position	
14	4460465	28	Socket, Female	
15	4460897	2	Receptacle, Female - 2 Position	

SECTION 8 - ELECTRICAL

FIGURE 8-74. WHITE NOISE ALARM HARNESS



ART_1001243682

SECTION 8 - ELECTRICAL

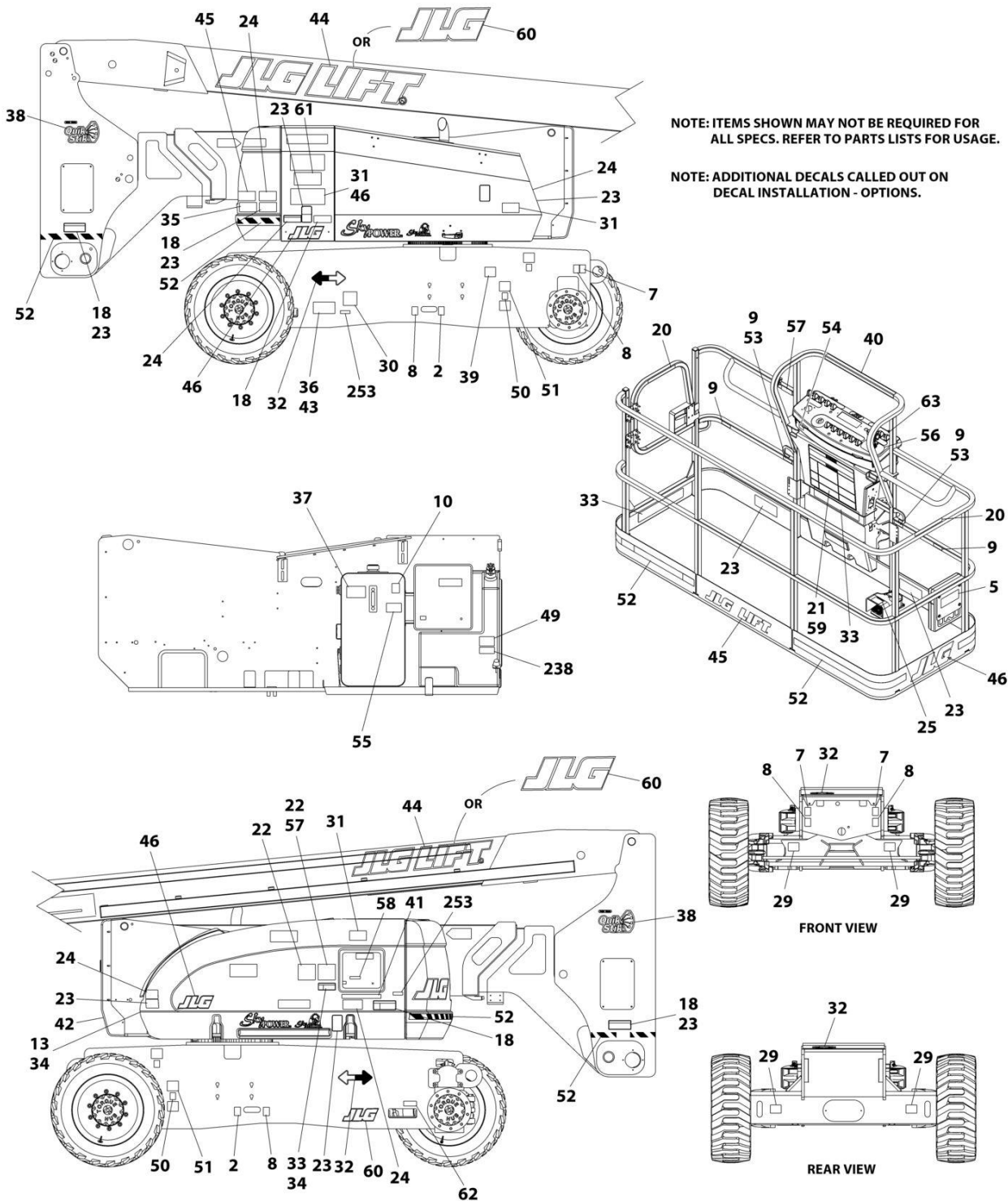
FIGURE 8-74. WHITE NOISE ALARM HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001243682	Ref	WHITE NOISE ALARM HARNESS	A
1	4460891	1	Plug, Male - 2 Position	
1	4460465	2	Socket, Female	
2	4460871	1	Terminal	
3	4460539	1	Plug, Male- 3 Position	
3	4460465	3	Socket, Female	
4	4460536	1	Receptacle, Female- 3 Position	
4	4460464	3	Pin, Male	

SECTION 9 - DECALS

SECTION 9 - DECALS

FIGURE 9-1. DECAL INSTALLATION - ANSI SPECS



ART_1001244620

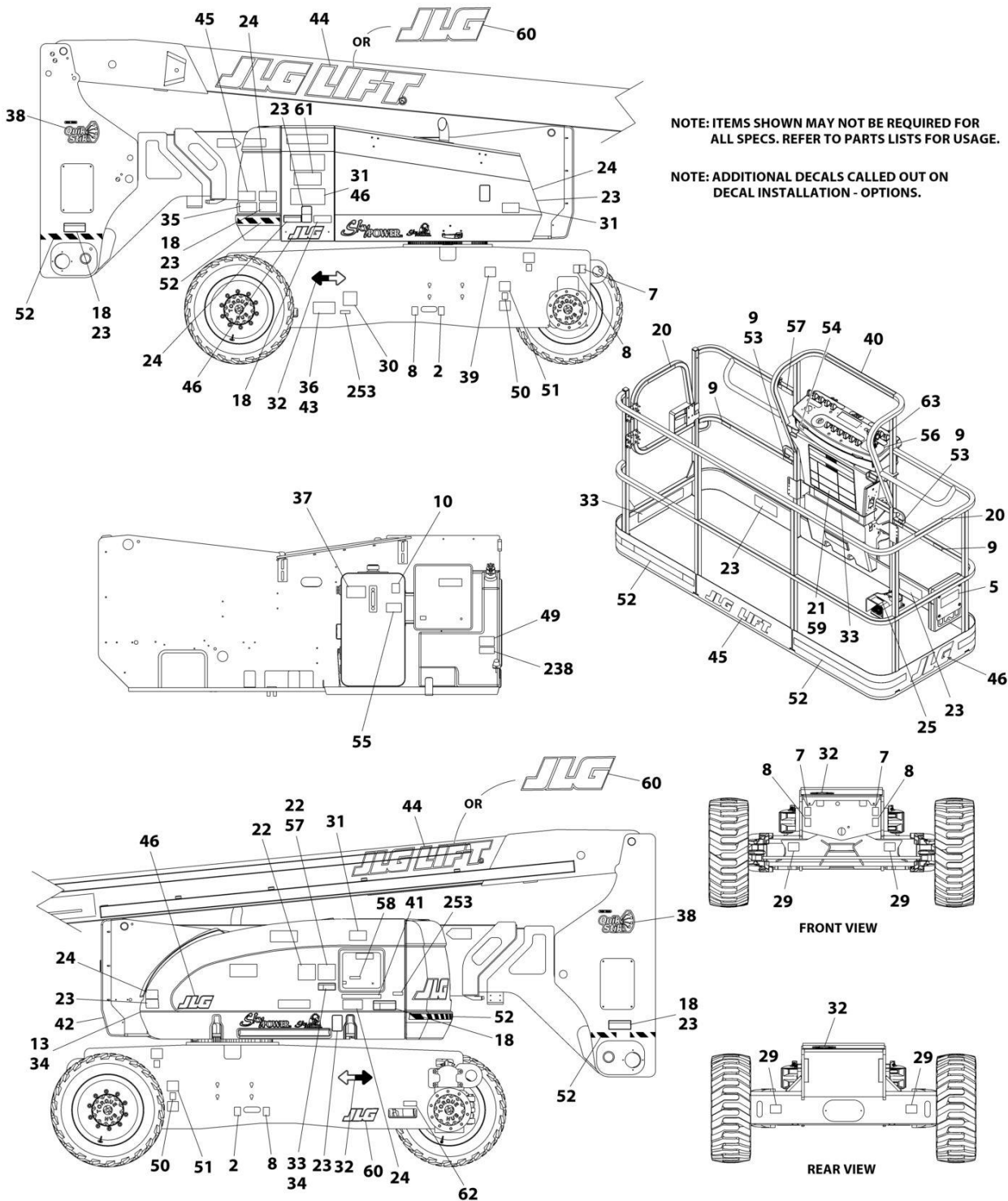
SECTION 9 - DECALS

FIGURE 9-1. DECAL INSTALLATION - ANSI SPECS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244620	Ref	DECAL INSTALLATION (ENGLISH LANGUAGE)	F
2	1701499	2	Decal - No Lifting	
5	1701509	1	Decal - Manual	
7	1703811	4	Decal - Lifting Lug	
8	1703814	6	Decal - Tie Down	
9	1704277	3	Decal - Lanyard Attach Graphic	
10	1704412	1	Decal - Hydraulic Oil Chart	
13	3251243	1	Nameplate - 120V-60Hz	
18	1703953	5	Decal - Warning Crushing	
20	1702868	2	Decal - No Hands	
21	1703797	1	Decal - Warning/Danger	
22	1705336	1	Decal - Warning Inspection	
23	1703804	4	Decal - Warning Crushing	
24	1703805	5	Decal - Danger Electrocution	
25	3252347	1	Decal - Footswitch	
29	1703960	4	Decal - Maximum Tire Load	
30	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
31	1703773	2	Decal - 800AJ (Prior to SN 0300280293)	
31	1001267312	2	Decal - 800AJ (SN 0300280293 to Present)	
32	1701501	4	Decal - Arrow	
33	1001253920	1	Decal - Warning Maximum Capacity	
34	1001253921	1	Decal - Warning Maximum Capacity	
37	1001096141	1	Decal - Upright Level Override	
38	1703959	2	Decal - Quick Stick	
39	1001131269	1	Decal - Patent	
43	3820001	2	Rivet	
52	4420051	23.5 ft/7.16m	Tape, Safety	
56	1705351	1	Decal - Drive/Steer Instructions	
60	1001223055	1	Decal - Yearly Inspection	
61	1001284686	1	Decal - Lift Diagram	
62	1001223453	1	Decal - ICES	
63	1001184618	1	Decal - Stop & Auxiliary Power	

SECTION 9 - DECALS

FIGURE 9-2. DECAL INSTALLATION - AUSTRALIAN SPECS



ART_1001244636

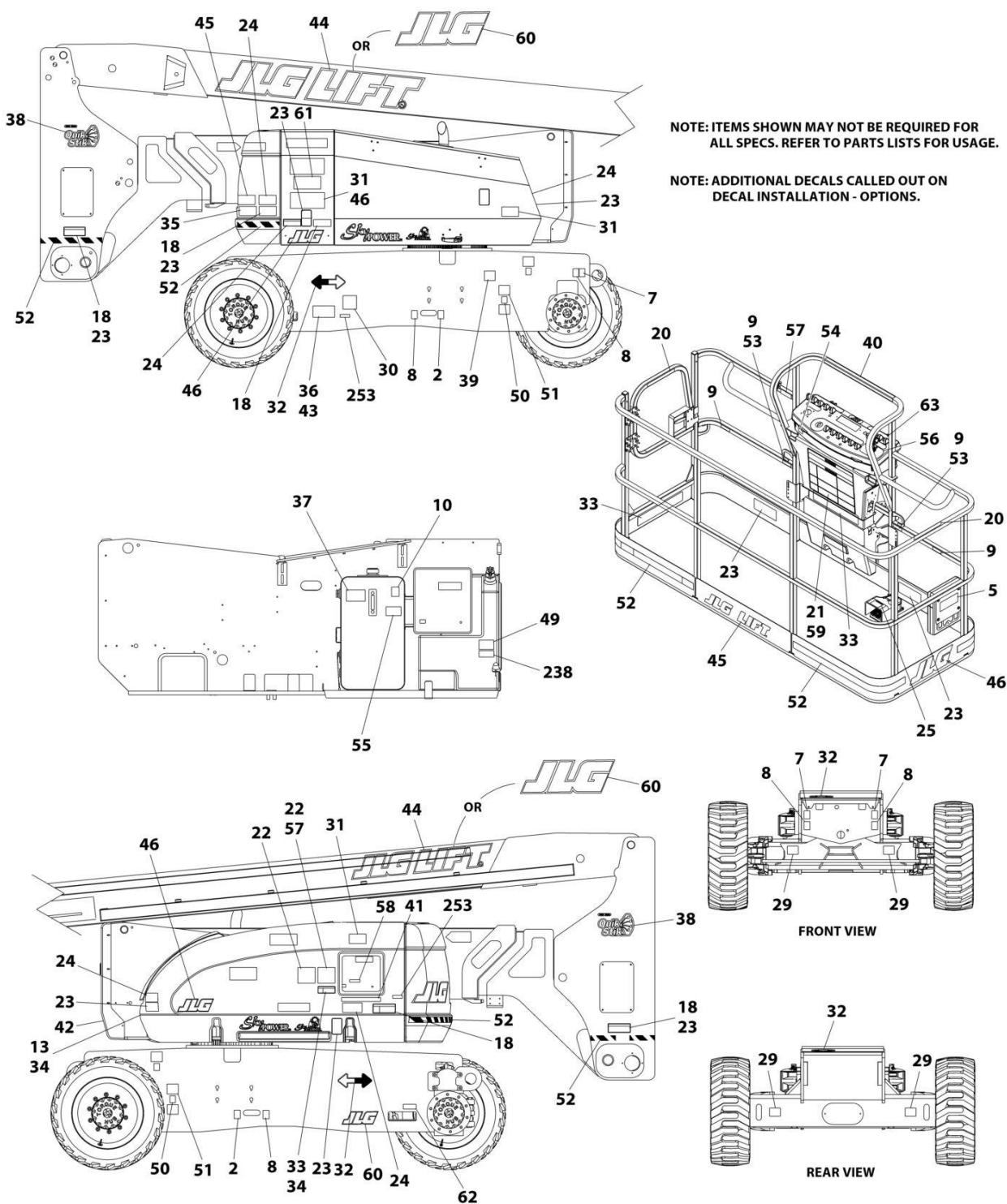
SECTION 9 - DECALS

FIGURE 9-2. DECAL INSTALLATION - AUSTRALIAN SPECS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244636	Ref	DECALS INSTALLATION (ENGLISH LANGUAGE)	F
2	1701499	2	Decal - No Lifting	
5	1701509	1	Decal - Manual	
7	1703811	4	Decal - Lifting Lug	
8	1703814	6	Decal - Tie Down	
9	1704277	3	Decal - Lanyard Attach Graphic	
10	1704412	1	Decal - Hydraulic Oil Chart	
21	1705921	1	Decal - Tipping/Electrocution	
22	1705822	1	Decal - Electrical/ Safety Manual	
23	1701518	9	Decal - Warning Crushing	
24	1705961	5	Decal - Danger Electrocution	
25	1705828	1	Decal - Footswitch	
29	1703960	4	Decal - Maximum Tire Load	
30	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
31	1703773	2	Decal - 800AJ (Prior to SN 0300280293)	
31	1001267312	2	Decal - 800AJ (SN 0300280293 to Present)	
32	1701501	4	Decal - Arrow	
33	1705978	2	Decal - Capacity	
37	1705977	1	Decal - Upright Level Override	
38	1703959	2	Decal - Quick Stick	
43	3820001	2	Rivet	
52	4420051	23.1 ft/ 7.04m	Tape, Safety	
57	1001112551	1	Decal - Emergency Controls	
61	1001284686	1	Decal - Lift Diagram	
63	1001184618	1	Decal - Stop & Auxiliary Power	

SECTION 9 - DECALS

FIGURE 9-3. DECAL INSTALLATION - BRAZILIAN SPECS



ART_1001244628

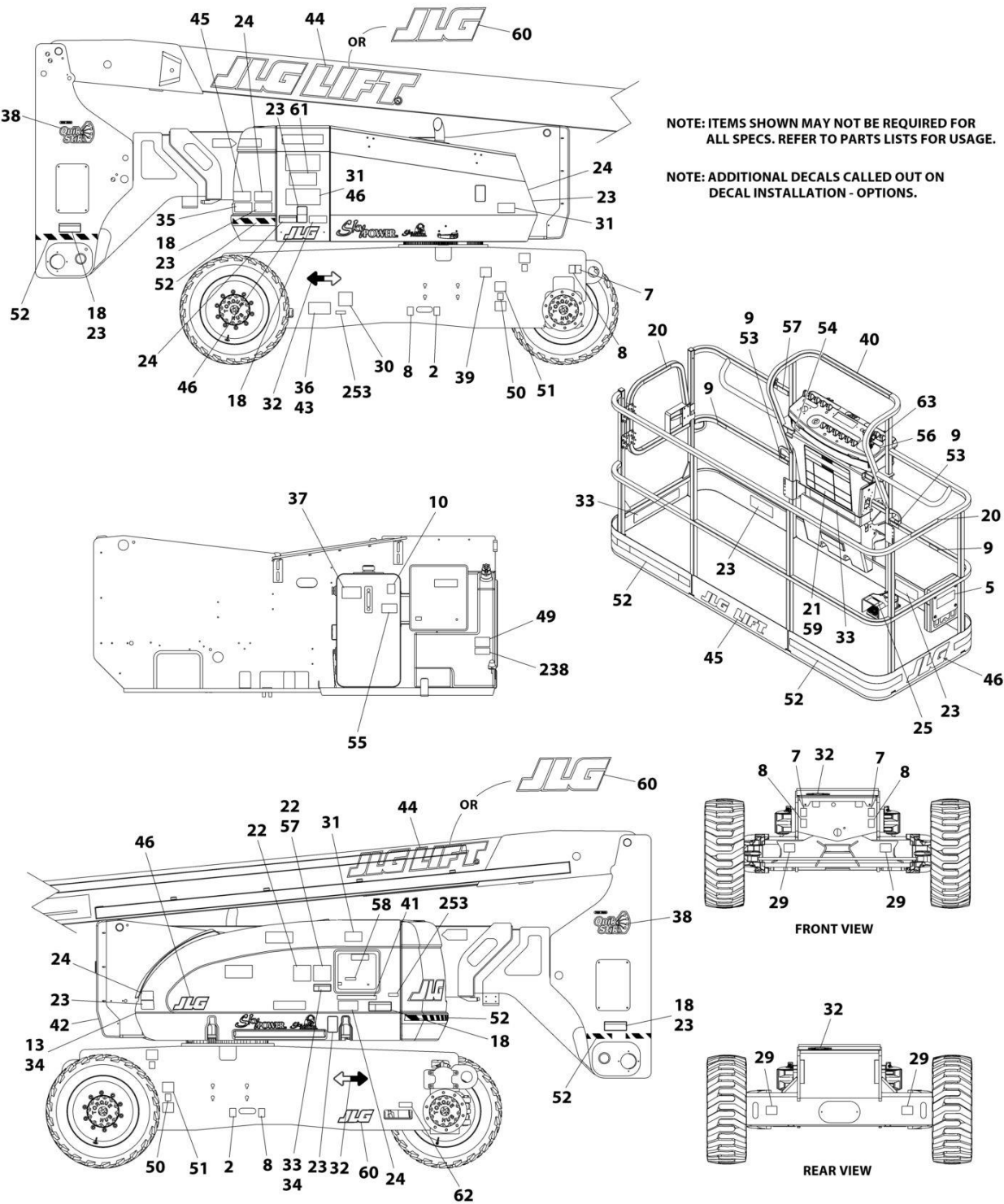
SECTION 9 - DECALS

FIGURE 9-3. DECAL INSTALLATION - BRAZILIAN SPECS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244628	Ref	DECAL INSTALLTION (ENGLISH/PORTUGUESE LANGUAGE)	G
2	1701499	2	Decal - No Lifting	
5	1701509	1	Decal - Manual	
7	1703811	4	Decal - Lifting Lug	
8	1703814	6	Decal - Tie Down	
9	1704277	3	Decal - Lanyard Attach Graphic	
10	1704412	1	Decal - Hydraulic Oil Chart	
13	3251243	1	Nameplate - 120V-60Hz	
18	1705903	5	Decal - Warning Crushing	
20	1705967	2	Decal - No Hands	
21	1705895	1	Decal - Warning/Danger	
22	1705896	1	Decal - Warning Inspection	
23	1705898	4	Decal - Warning Crushing	
24	1705897	5	Decal - Danger Electrocution	
25	1705902	1	Decal - Footswitch	
29	1703960	4	Decal - Maximum Tire Load	
30	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
31	1703773	2	Decal - 800AJ (Prior to SN 0300280293)	
31	1001267312	2	Decal - 800AJ (SN 0300280293 to Present)	
32	1701501	4	Decal - Arrow	
33	1001253936	1	Decal - Warning Dual Capacity	
34	1001253937	1	Decal - Warning Dual Capacity	
37	1705977	1	Decal - Upright Level Override	
38	1703959	2	Decal - Quick Stick	
43	3820001	2	Rivet	
52	4420051	23.5 ft/7.16m	Tape, Safety	
56	1705905	1	Decal - Drive/Steer Instructions	
60	1001224052	1	Decal - Yearly Inspection (LAT.POR/LAT.SPA.)	
60	1001267885	1	Decal - Yearly Inspection (ENG/LAT.POR)	
61	1001284686	1	Decal - Lift Diagram	
63	1001184618	1	Decal - Stop and Auxiliary Power	

SECTION 9 - DECALS

FIGURE 9-4. DECAL INSTALLATION - CE & UK CA SPECS



ART_1001244632

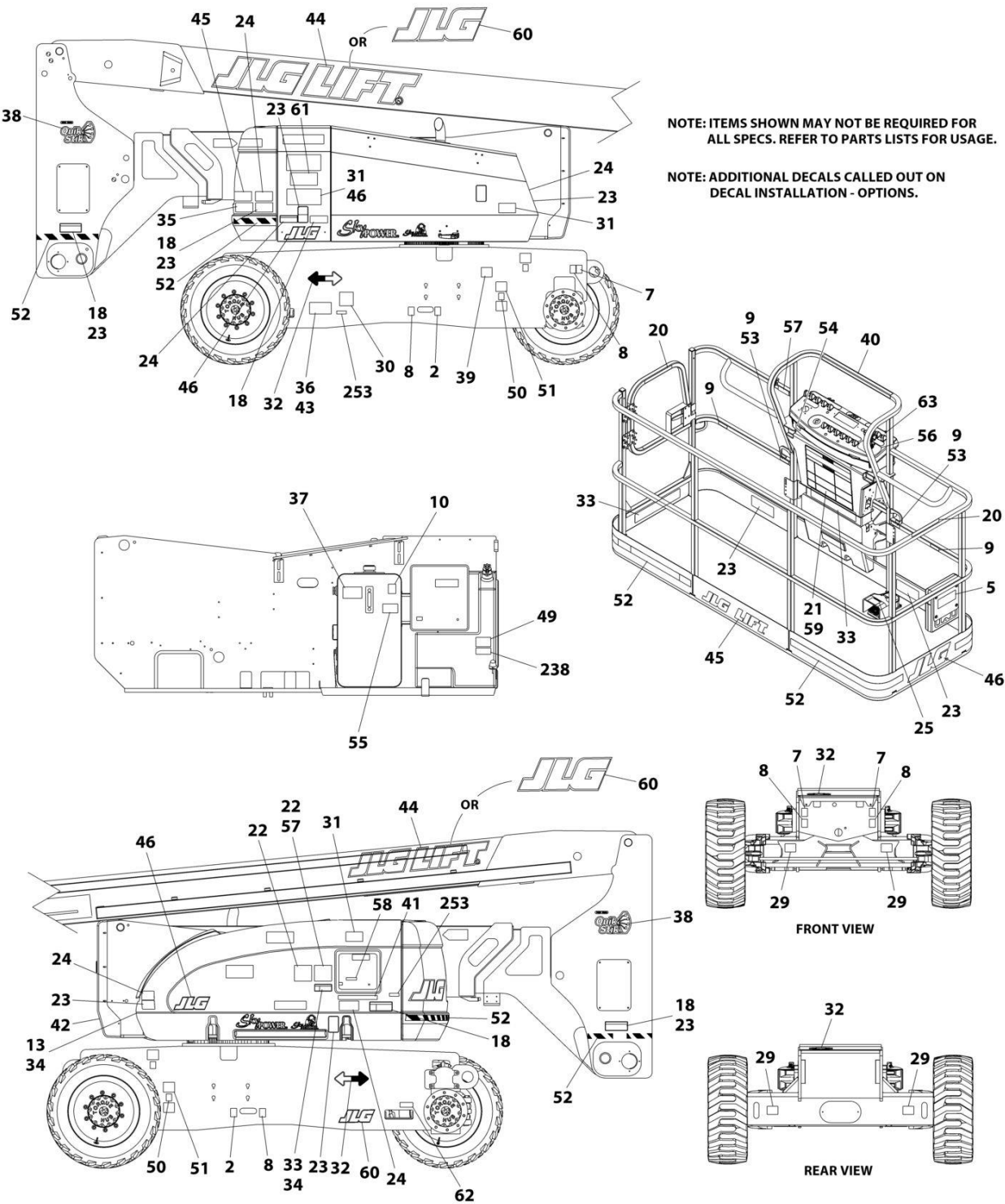
SECTION 9 - DECALS

FIGURE 9-4. DECAL INSTALLATION - CE & UK CA SPECS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244632	Ref	DECALS INSTALLATION (ENGLISH LANGUAGE)	F
2	1701499	2	Decal - No Lifting	
5	1701509	1	Decal - Manual	
7	1703811	4	Decal - Lifting Lug	
8	1703814	6	Decal - Tie Down	
9	1704277	3	Decal - Lanyard Attach Graphic	
10	1704412	1	Decal - Hydraulic Oil Chart	
21	1705921	1	Decal - Tipping Electrocution	
22	1705822	1	Decal - Electrical/Safety Manual	
23	1701518	9	Decal - Warning Crushing	
24	1705961	5	Decal - Danger Electrocution	
25	1705828	1	Nmaeplate - Footswitch	
29	1703960	4	Decal - Maximum Tire Load	
30	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
31	1703773	2	Decal - 800AJ (Prior to SN 0300280293)	
31	1001267312	2	Decal - 800AJ (SN 0300280293 to Present)	
32	1701501	4	Decal - Arrow	
33	1705978	2	Decal - Capacity	
37	1705977	1	Decal - Upright Level Override	
38	1703959	2	Decal - Quick Stick	
43	3820001	2	Rivet	
46	1702773	3	Decal - JLG	
52	4420051	23.1 ft/ 7.04m	Tape, Safety	
60	1001159323	2	Decal - JLG	
61	1001284686	1	Decal - Lift Diagram	
63	1001184618	1	Decal - Stop and Auxiliary Power	

SECTION 9 - DECALS

FIGURE 9-5. DECAL INSTALLATION - CHINESE SPECS



ART_1001244624

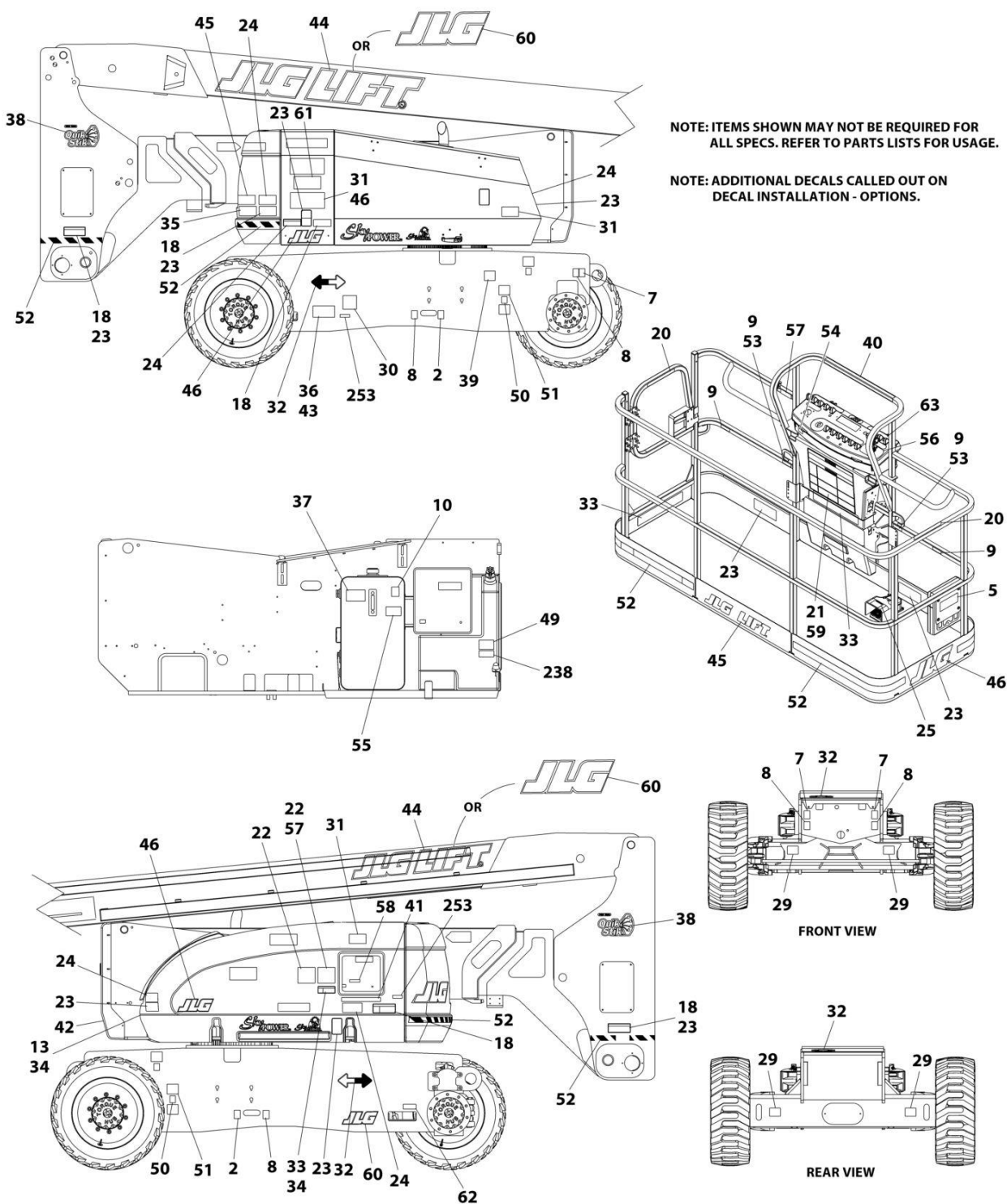
SECTION 9 - DECALS

FIGURE 9-5. DECAL INSTALLATION - CHINESE SPECS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244624	Ref	DECALS INSTALLATION (ENGLISH/CHINESE LANGUAGE)	G
2	1701499	2	Decal - No Lifting	
5	1701509	1	Decal - Manual	
7	1703811	4	Decal - Lifting Lug	
8	1703814	6	Decal - Tie Down	
9	1704277	3	Decal - Lanyard Attach Graphic	
10	1704412	1	Decal - Hydraulic Oil Chart	
18	1703943	5	Decal - Warning Crushing	
20	1705968	2	Decal - No Hands	
21	1703925	1	Decal - Warning/Danger	
22	1705348	1	Decal - Warning Inspection	
23	1703949	4	Decal - Warning Crushing	
24	1703937	5	Decal - Danger Electrocution	
25	1703982	1	Decal - Footswitch	
29	1703960	4	Decal - Maximum Tire Load	
30	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
31	1703773	2	Decal - 800AJ (Prior to SN 0300280293)	
31	1001267312	2	Decal - 800AJ (SN 0300280293 to Present)	
32	1701501	4	Decal - Arrow	
33	1001253926	1	Decal - Warning Maximum Capacity	
34	1001253927	1	Decal - Warning Maximum Capacity	
37	1705977	1	Decal - Upright Level Override	
38	1703959	2	Decal - Quick Stick	
43	3820001	2	Rivet	
52	4420051	23.5 ft/ 7.16m	Tape, Safety	
56	1705430	1	Decal - Drive/Steer Instructions	
60	1001224050	1	Decal - Yearly Inspection	
61	1001284686	1	Decal - Lift Diagram	
63	1001184618	1	Decal - Stop & Auxiliary Power	

SECTION 9 - DECALS

FIGURE 9-6. DECAL INSTALLATION - CSA SPECS



ART_1001244630

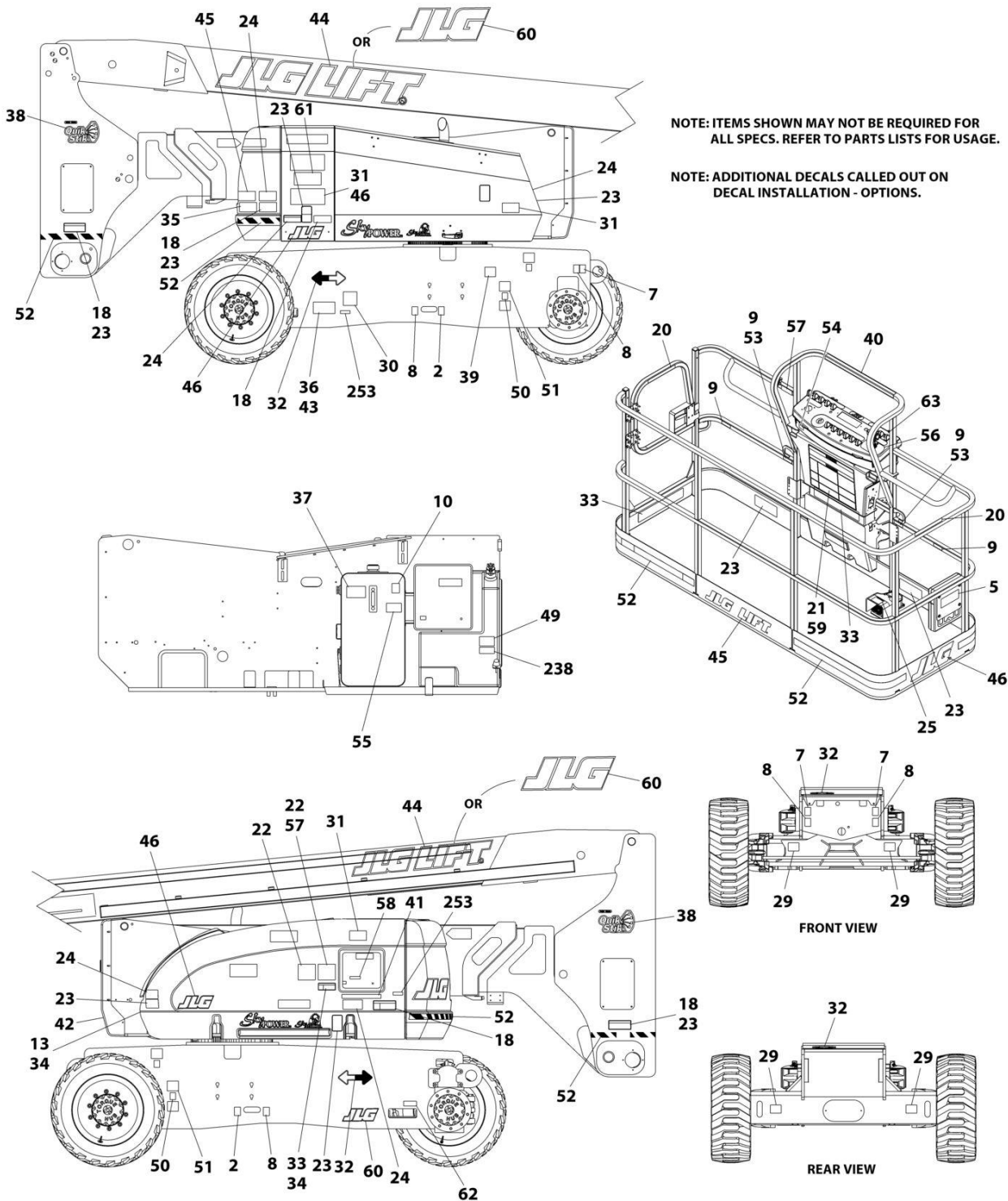
SECTION 9 - DECALS

FIGURE 9-6. DECAL INSTALLATION - CSA SPECS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244630	Ref	DECALS INSTALLATION (ENGLISH/FRENCH LANGUAGE)	F
2	1701499	2	Decal - No Lifting	
5	1701509	1	Decal - Manual	
7	1703811	4	Decal - Lifting Lug	
8	1703814	6	Decal - Tie Down	
9	1704277	3	Decal - Lanyard Attach Graphic	
10	1704412	1	Decal - Hydraulic Oil Chart	
13	3251243	1	Nameplate - 120V-60Hz	
18	1703942	5	Decal - Warning Crushing	
20	1704000	2	Decal - No Hands	
21	1703924	1	Decal - Warning/Danger	
22	1705347	1	Decal - Warning Inspection	
23	1703948	4	Decal - Warning Crushing	
24	1703936	5	Decal - Danger Electrocution	
25	1703984	1	Decal - Footswitch	
29	1703960	4	Decal - Maximum Tire Load	
30	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
31	1703773	2	Decal - 800AJ (Prior to SN 0300280293)	
31	1001267312	2	Decal - 800AJ (SN 0300280293 to Present)	
32	1701501	4	Decal - Arrow	
33	1001253922	1	Decal - Warning Maximum Capacity	
34	1001253923	1	Decal - Warning Maximum Capacity	
37	1705977	1	Decal - Upright Level Override	
38	1703959	2	Decal - Quick Stick	
43	3820001	2	Rivet	
52	4420051	23.5 ft/7.16m	Tape, Safety	
56	1705429	1	Decal - Drive/Steer Instructions	
60	1001223971	1	Decal - Yearly Inspection	
61	1001284686	1	Decal - Lift Diagram	
62	1001223453	1	Decal - ICES	
63	1001184618	1	Decal - Stop and Auxiliary Power	

SECTION 9 - DECALS

FIGURE 9-7. DECAL INSTALLATION - JAPANESE SPECS



ART_1001244634

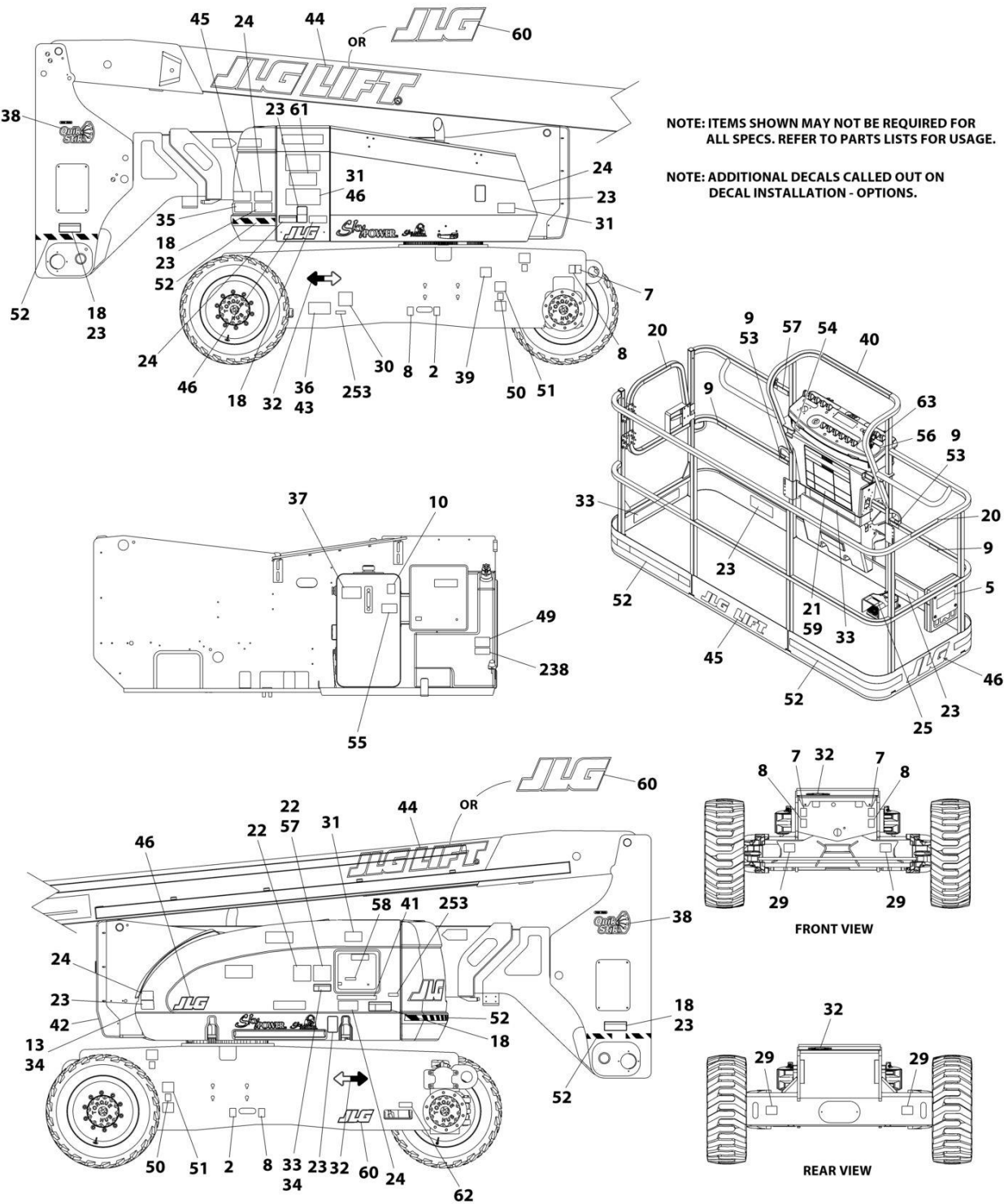
SECTION 9 - DECALS

FIGURE 9-7. DECAL INSTALLATION - JAPANESE SPECS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244634	Ref	DECALS INSTALLATION (ENGLISH/JAPANESE LANGUAGE)	F
2	1701499	2	Decal - No Lifting	
5	1701509	1	Decal - Manual	
7	1703811	4	Decal - Lifting Lug	
8	1703814	6	Decal - Tie Down	
9	1704277	3	Decal - Lanyard Attach Graphic	
10	1704412	1	Decal - Hydraulic Oil Chart	
13	3251243	1	Nameplate - 120V-60Hz	
18	1703944	5	Decal - Warning Crushing	
21	1703926	1	Decal - Warning/Danger	
22	1705344	1	Decal - Warning Inspection	
23	1703950	4	Decal - Warning Crushing	
24	1703938	5	Decal - Danger Electrocution	
25	1703980	1	Decal - Footswitch	
9	1703960	4	Decal - Maximum Tire Load	
30	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
31	1703773	2	Decal - 800AJ (Prior to SN 0300280293)	
31	1001267312	2	Decal - 800AJ (SN 0300280293 to Present)	
32	1701501	4	Decal - Arrow	
33	1001253932	1	Decal - Warning Maximum Capacity	
34	1001253933	1	Decal - Warning Maximum Capacity	
37	1705977	1	Decal - Upright Level Override	
38	1703959	2	Decal - Quick Stick	
43	3820001	2	Rivet	
52	4420051	23.5 ft/7.16m	Tape, Safety	
56	1705426	1	Decal - Drive/Steer Instructions	
60	1001224053	1	Decal - Yearly Inspection	
61	1001284686	1	Decal - Lift Diagram	
63	1001184618	1	Decal - Stop and Auxiliary Power	

SECTION 9 - DECALS

FIGURE 9-8. DECAL INSTALLATION - KOREAN SPECS



ART_1001244622

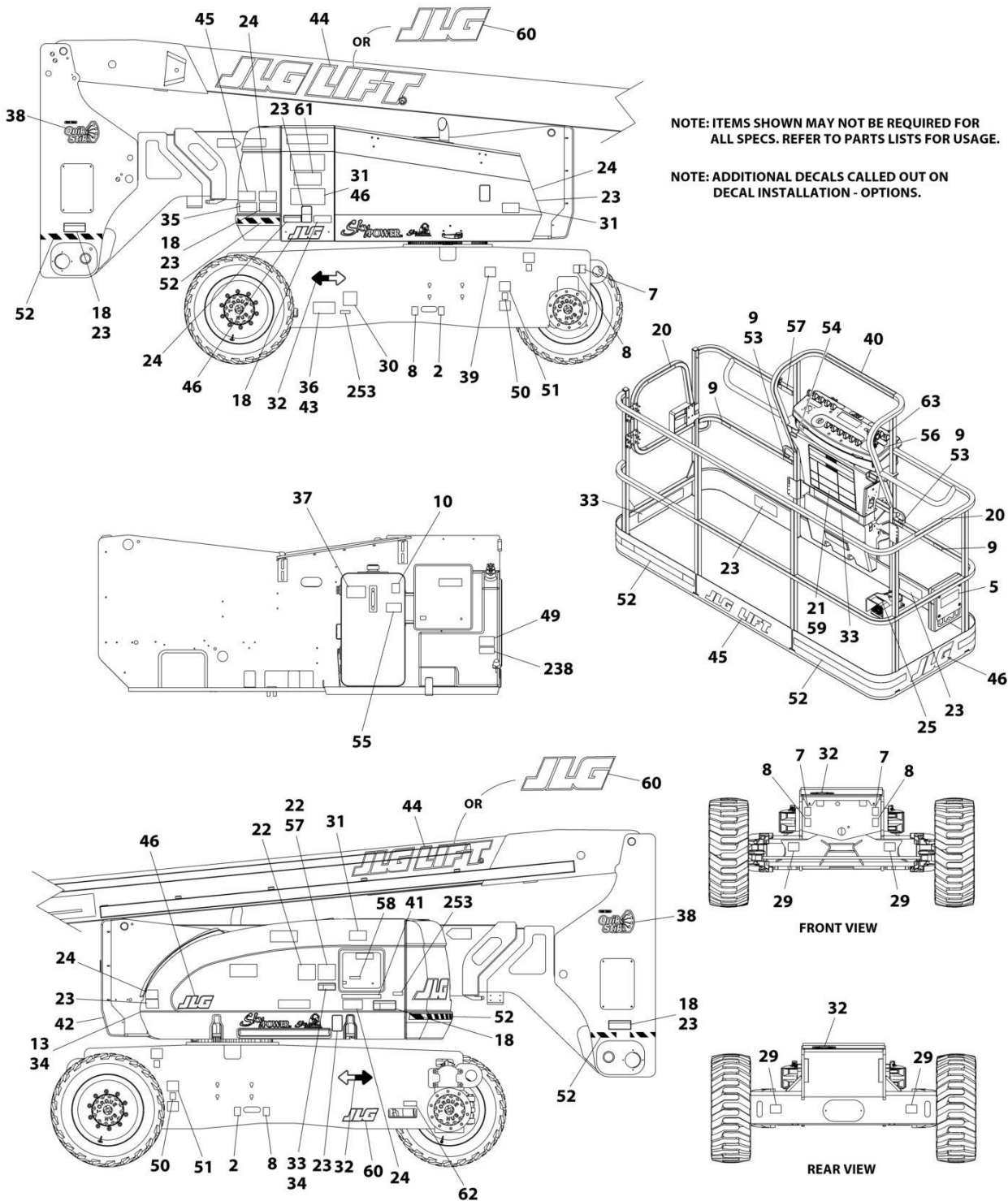
SECTION 9 - DECALS

FIGURE 9-8. DECAL INSTALLATION - KOREAN SPECS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244622	Ref	DECALS INSTALLATION (ENGLISH/KOREAN LANGUAGE)	F
2	1701499	2	Decal - No Lifting	
5	1701509	1	Decal - Manual	
7	1703811	4	Decal - Lifting Lug	
8	1703814	6	Decal - Tie Down	
9	1704277	3	Decal - Lanyard Attach Graphic	
10	1704412	1	Decal - Hydraulic Oil Chart	
18	1703945	5	Decal - Warning Crushing	
20	1705969	2	Decal - No Hands	
21	1703927	1	Decal - Warning/Danger	
22	1705345	1	Decal - Warning Inspection	
23	1703951	4	Decal - Warning Crushing	
24	1703939	5	Decal - Danger Electrocution	
25	1703981	1	Decal - Footswitch	
29	1703960	4	Decal - Maximum Tire Load	
30	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
31	1703773	2	Decal - 800AJ (Prior to SN 0300280293)	
31	1001267312	2	Decal - 800AJ (SN 0300280293 to Present)	
32	1701501	4	Decal - Arrow	
33	1001253924	1	Decal - Warning Maximum Capacity	
34	1001253925	1	Decal - Warning Maximum Capacity	
37	1705977	1	Decal - Upright Level Override	
38	1703959	2	Decal - Quick Stick	
43	3820001	2	Rivet	
52	4420051	23.5 ft/7.16m	Tape, Safety	
56	1705427	1	Decal - Drive/Steer Instructions	
60	1001224048	1	Decal - Yearly Inspection	
61	1001284686	1	Decal - Lift Diagram	
63	1001184618	1	Decal - Stop & Auxiliary Power	

SECTION 9 - DECALS

FIGURE 9-9. DECAL INSTALLATION - LATIN AMERICAN SPECS



ART_1001244626

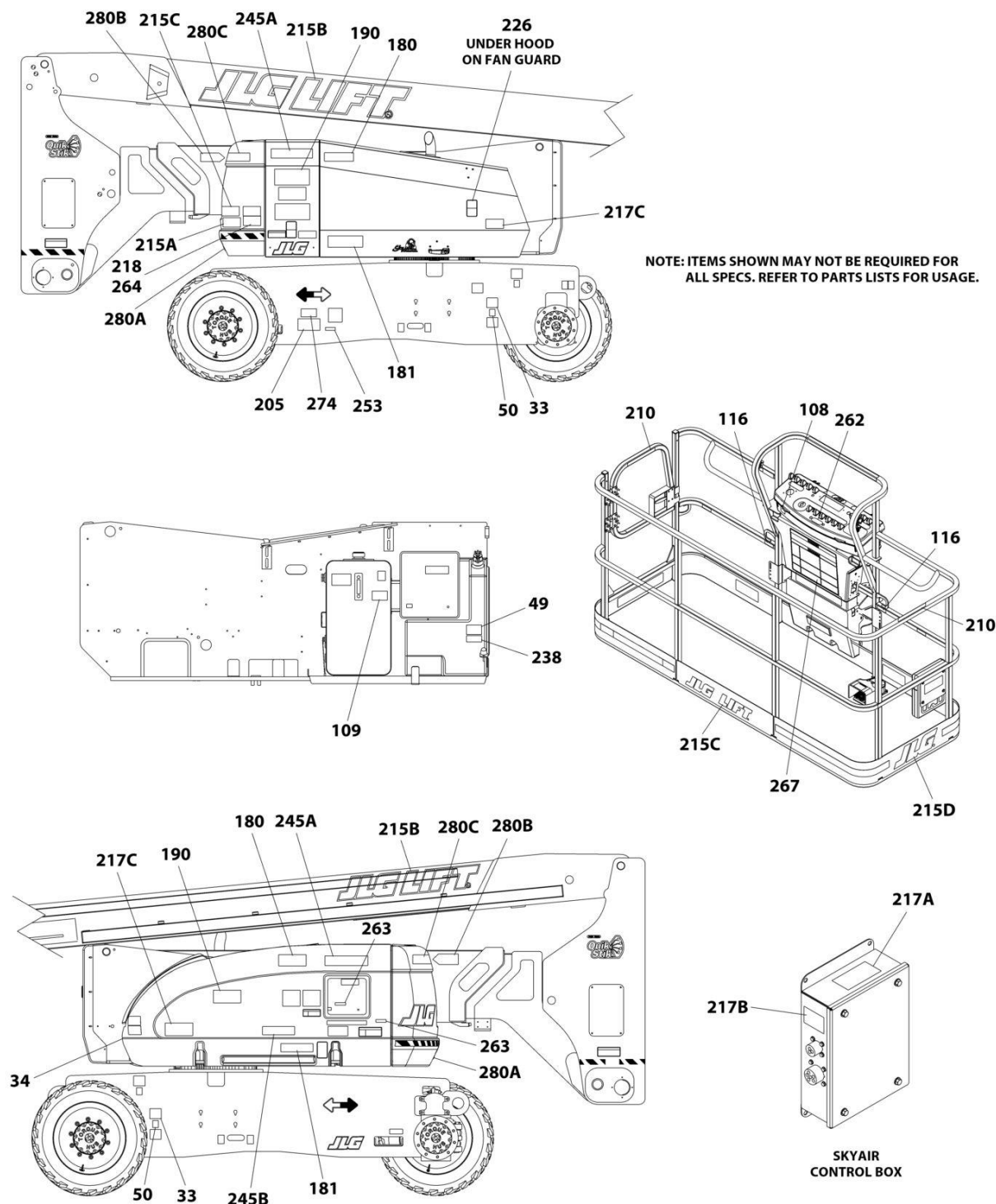
SECTION 9 - DECALS

FIGURE 9-9. DECAL INSTALLATION - LATIN AMERICAN SPECS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244626	Ref	DECALS INSTALLATION (ENGLISH/SPANISH LANGUAGE)	F
2	1701499	2	Decal - No Lifting	
5	1701509	1	Decal - Manual	
7	1703811	4	Decal - Lifting Lug	
8	1703814	6	Decal - Tie Down	
9	1704277	3	Decal - Lanyard Attach Graphic	
10	1704412	1	Decal - Hydraulic Oil Chart	
13	3251243	1	Nameplate - 120V-60Hz	
18	1703941	5	Decal - Warning Crushing	
20	1704001	2	Decal - No Hands	
21	1703923	1	Decal - Warning/Danger	
22	1705917	1	Decal - Warning Inspection	
23	1703947	4	Decal - Warning Crushing	
24	1703935	5	Decal - Danger Electrocution	
25	1703983	1	Decal - Footswitch	
29	1703960	4	Decal - Maximum Tire Load	
30	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
31	1703773	2	Decal - 800AJ (Prior to SN 0300280293)	
31	1001267312	2	Decal - 800AJ (SN 0300280293 to Present)	
32	1701501	4	Decal - Arrow	
33	1001253930	1	Decal - Warning Maximum Capacity	
34	1001253931	1	Decal - Warning Maximum Capacity	
37	1705977	1	Decal - Upright Level Override	
38	1703959	2	Decal - Quick Stick	
43	3820001	2	Rivet	
52	4420051	23.5 ft/7.16m	Tape, Safety	
56	1705910	1	Decal - Drive/Steer Instructions	
60	1001224049	1	Decal - Yearly Inspection	
61	1001284686	1	Decal - Lift Diagram	
63	1001184618	1	Decal - Stop and Auxiliary Power	

SECTION 9 - DECALS

FIGURE 9-10. DECAL INSTALLATION - OPTIONS



ART_DECAL_OPTIONS

SECTION 9 - DECALS

FIGURE 9-10. DECAL INSTALLATION - OPTIONS

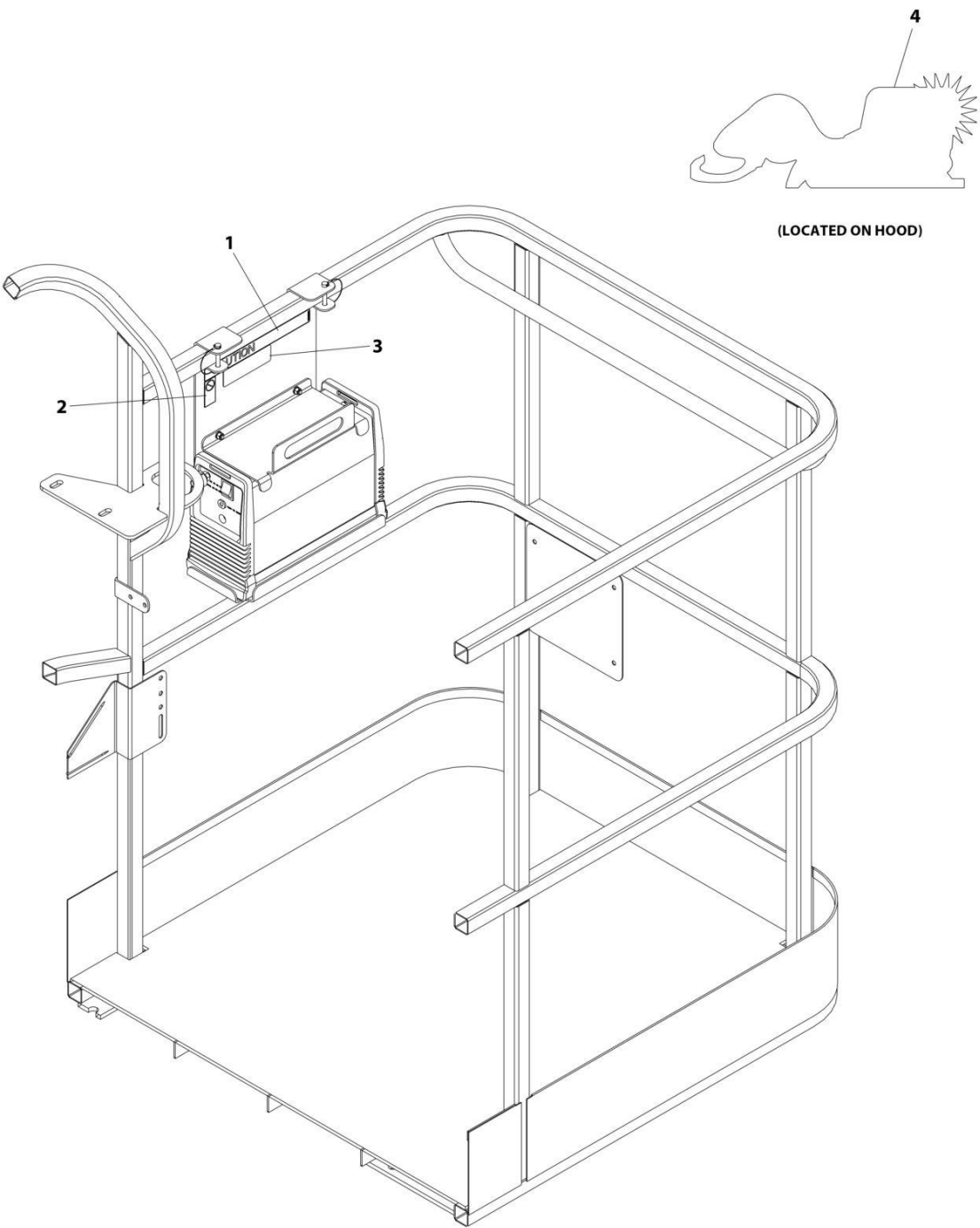
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	DECAL INSTALLATION - OPTIONS	
33	1700818	1	Decal - Fuel (LP Gas Machines) (English Language) (ANSI & Australian Specs)	
33	1704271	1	Decal - Fuel (LP Gas Machines) (English/French Languages) (CSA Specs)	
33	1702720	1	Decal - Fuel (LP Gas Machines) (English/Spansih Languages) (ANSI Export Specs)	
34	3251242	1	Nameplate - 240-50HZ (CE & UK CA Specs)	
49	1701505	1	Decal - Fuel (Diesel)	
49	1701542	1	Decal - Fuel (Gas)	
50	1701543	2	Decal - LP Gas (LP GASS Machines)	
108	1001231801	1	Decal - Warning Proposition 65 (ANSI Specs)	
109	1702788	1	Decal - Biodegradeable Hydraulic Fluid (English Language) (ANSI, Australian, CSA, CE & UK CA Specs)	
109	1703479	1	Decal - Biodegradeable Hydraulic Fluid (German Language) (CE & UK CA Specs)	
116	1703175	1	Decal - Lanyard Attachment (GM Specs)	
180	0271584	Ref	Decal Installation - Jetblast	
180	1705006	2	Decal - Jetblast	
181	0271585	Ref	Decal Installation - Fall Arrest (Machines with Fall Arrest Option)	
181	1705012	2	Decal - Fall Arrest	
190	0272418	Ref	Decal - SkyGiazier (Machines with SkyGlazier Option)	
190	1705358	2	Decal - SkyGlazier	
205	See Note	1	Nameplate - Manufacturers Serial Number (Note: Not Available for Purchase)	
210	1702868	2	Decal - No Hands (English Language)	
210	1705968	2	Decal - No Hands (English/Chinese Language)	
210	1704000	2	Decal - No Hands (English/French Language)	
210	1705969	2	Decal - No Hands (English/Korean Language)	
210	1705967	2	Decal - No Hands (English/Portuguese Language)	
210	1704001	2	Decal - No Hands (English/Spanish Language)	
215	0274519	Ref	Decal - Logo Installation (All Specs Except CE & UK CA Specs)	
215A	1704885	1	Decal - Website	
215B	1702861	2	Decal - JLG Lift	
215C	1702774	2	Decal - JLG Lift	
215D	1702773	1	Decal - JLG	
217	0273687	Ref	Decal - SkyAir (Machines with SkyAir Option)	
217A	1705836	1	Decal - Hazardous Voltage	
217B	1705837	1	Decal - Air Compressor	
217C	1705886	2	Decal - SkyAir	
218	3251813	1	Decal - USA	
226	1704972	1	Decal - Warning Explosion/ Fire (English Language) (Diesel Machines) (ANSI Specs)	
226	1706098	1	Decal - Warning Explosion/Fire (English Language) (Diesel Machines) (Australian, CE & UK CA Specs)	
226	1706059	1	Decal - Warning Explosion/Fire (English/Portuguese Language) (Diesel Machines) (Brazil Specs)	
226	1706060	1	Decal - Warning Explosion/Fire (English/Chinese Language) (Diesel Machines) (Chinese Specs)	
226	1706064	1	Decal - Warning Explosion/Fire (English Language) (Diesel Machines) (CSA Specs)	
226	1706062	1	Decal - Warning Explosion/Fire (English/Japanes Language)	

SECTION 9 - DECALS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
226	1706061	1	(Diesel Machines) (Japanese Specs) Decal - Warning Explosion/Fire (English/Korean Language) (Diesel Machines) (Korean Specs)	
226	1706063	1	Decal - Warning Explosion/Fire - (English/Spanish Language) (Diesel Machines) (Latin American Specs)	
238	1001125387	1	Decal - Ultra Low Sulfur Fuel (Diesel Machines) (ANSI & CSA Specs)	
238	1001139654	1	Decal - Ultra Low Sulfur Fuel (Diesel Machines) (CE & UK CA Specs)	
245	1001127094	Ref	Decal Installation - ClearSky (Machines with ClearSky Option)	
245A	1001116208	2	Decal - ClearSky	
245B	1001120989	1	Decal - Radio Frequency	
253	1001143852	1	Decal - Emission Compliance (Diesel Machines) (ANSI, Australian, China, CE & UK CA Specs)	
262	1001141300	1	Decal - SkyGuard Override (Machines without Soft Touch Option)	
262	1001141302	1	Decal - SkyGuard Override (Machines with Soft Touch Option)	
263	1001197408	1	Decal - MSSO (CE Specs)	
264	1705980	1	Decal - Sound Power (Machines with Deutz D2011 Engines) (Australian, CE & UK CA Specs)	
264	1705368	1	Decal - Sound Power (Machines with Deutz TD2.9L4 Engines, Deutz TD2.9L4 (Stage V Pre-Buy) Engines and Deutz TD2.9L4	
264	1001191525	1	Decal, Sound Power (CE) (Stage V)	
267	1001200124	1	Decal - Quick Start Guide (Danish Language)	
267	1001200121	1	Decal - Quick Start Guide (Dutch Language)	
267	1001180861	1	Decal - Quick Start Guide (English Language)	
267	1001200120	1	Decal - Quick Start Guide (French Language)	
267	1001200122	1	Decal - Quick Start Guide (German Language)	
267	1001200127	1	Decal - Quick Start Guide (Norwegian Language)	
267	1001200125	1	Decal - Quick Start Guide (Swedish Language)	
267	1001200126	1	Decal - Quick Start Guide (Spanish Language)	
274	1001214030	Ref	Decal Installation- EAC (Russian/CIS Specs)	
274	1001173703	1	Decal - EAC	
280	1001220864	Ref	Decal Kit - Boom Transport Position	
280A	1001220512	2	Decal - Lower Boom	
280B	1001220510	2	Decal - Warning Arrow	
280C	1001220511	2	Decal - Warning Stripe	

SECTION 9 - DECALS

FIGURE 9-11. SKYCUTTER DECAL INSTALLATION



ART_0272599

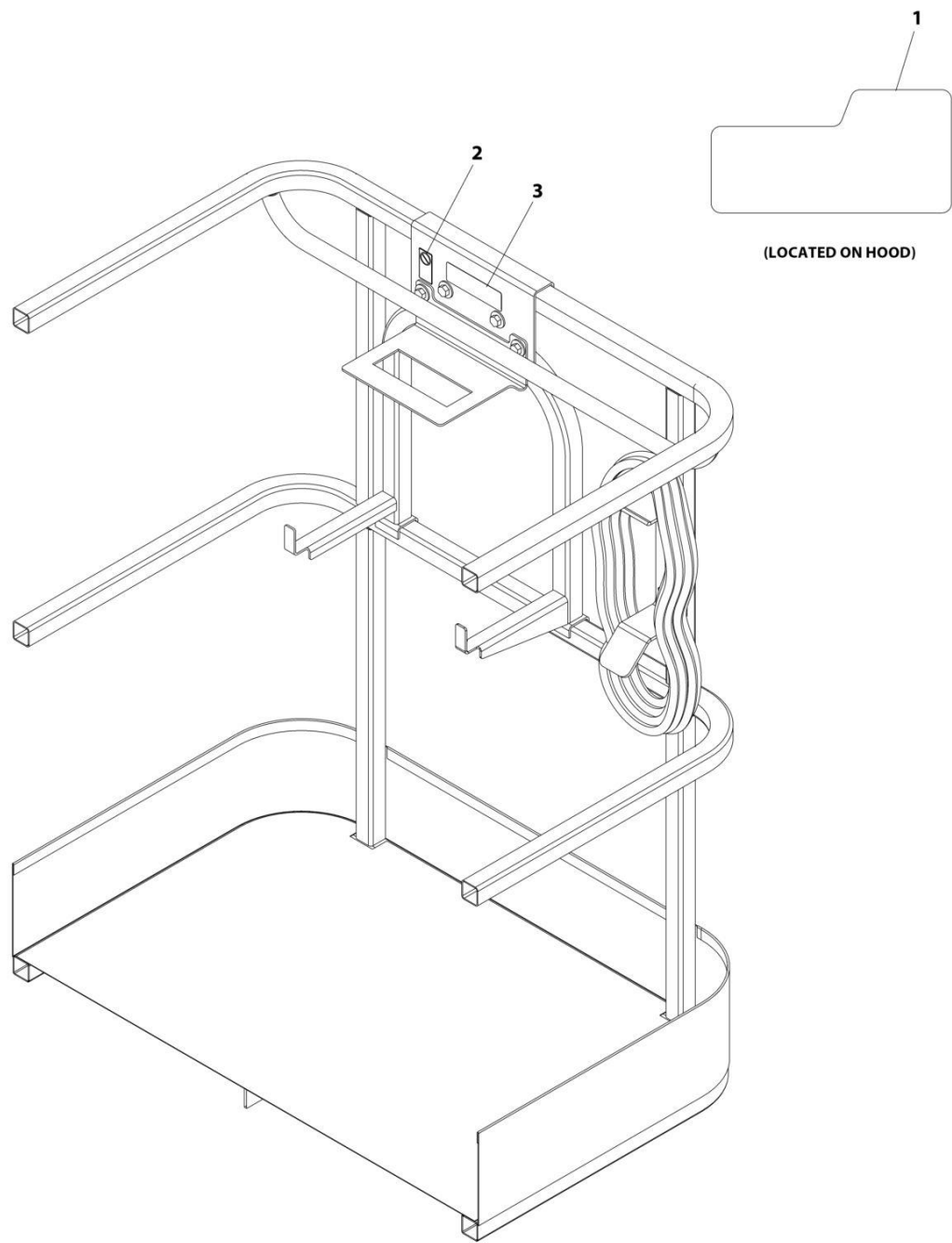
SECTION 9 - DECALS

FIGURE 9-11. SKYCUTTER DECAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272599	Ref	SKYCUTTER DECAL INSTALLATION	C
1	1702868	1	Decal - No Hands	
2	1705305	1	Decal - Weld Leads	
3	1001252627	1	Decal - Weight	
4	1705490	2	Decal - SkyCutter	

SECTION 9 - DECALS

FIGURE 9-12. SKYWELDER DECAL INSTALLATION - 50HZ



ART_0272588

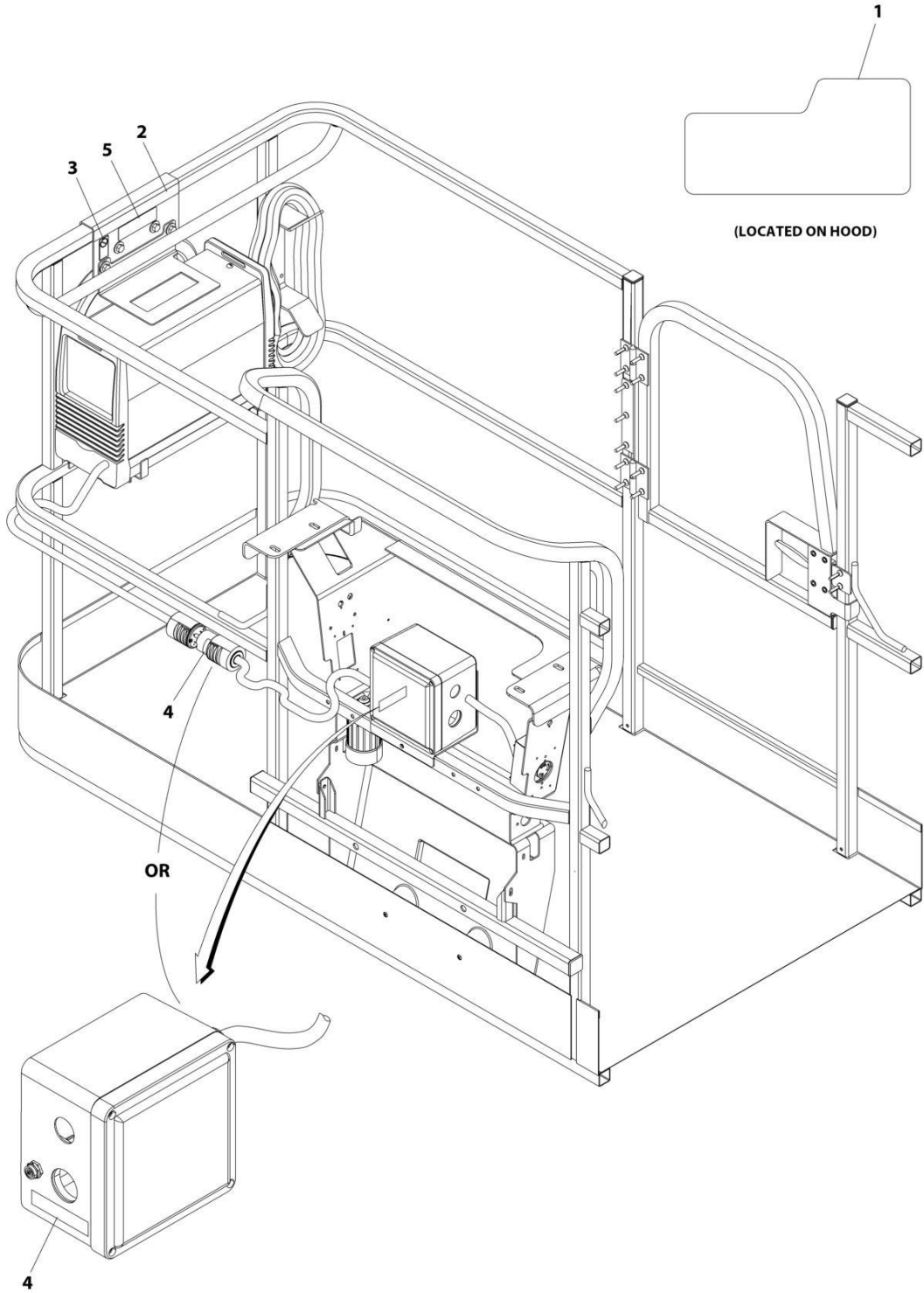
SECTION 9 - DECALS

FIGURE 9-12. SKYWELDER DECAL INSTALLATION - 50HZ

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272588	Ref	SKYWELDER DECAL INSTALLATION - 50Hz	B
1	1705355	2	Decal - SkyWelder	
2	1705305	1	Decal - Weld Lead	
3	1001228988	1	Decal - Weight	

SECTION 9 - DECALS

FIGURE 9-13. SKYWELDER DECAL INSTALLATION - 60HZ



ART_0272448_C

SECTION 9 - DECALS

FIGURE 9-13. SKYWELDER DECAL INSTALLATION - 60HZ

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272448	Ref	SKYWELDER DECAL INSTALLATION - 60Hz	C
1	1705355	2	Decal - SkyWelder	
2	1702868	1	Decal - No Hands	
3	1705305	1	Decal - Weld Lead	
4	1705375	1	Decal - 240V - 3 Phase - 60Hz	
5	1001228988	1	Decal - Weight	

SECTION 10 - RECOMMENDED SERVICE PARTS STOCK

SECTION 10 - RECOMMENDED SERVICE PARTS STOCK

SECTION 10 - RECOMMENDED SERVICE PARTS STOCK

FIGURE 10-1. RECOMMENDED SERVICE PARTS STOCK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	Note	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.	
	4360070	1	Breaker, Circuit 15Amp (4000W/60HZ & 7500W Generators)	
	4360542	1	Breaker, Circuit 20Amp (2500W/60HZ Generators)	
	7024485	1	Breaker, Circuit 30Amp (7500W Generators with Deutz D2011 or Ford Engines)	
	70006095	1	Breaker, Circuit 30Amp (7500W Generator with Deutz TD2.9L4 Engine and 7500W/60HZ Generator with Deutz D2011 Engine)	
	1001159118	1	Breaker GFCI 30Amp 240VAC (240V AC Box At Platform)	
	1001181045	1	Breaker, 30mA/16Amp (Breaker Box Kit)	
	70001431	1	Breaker, Circuit (Plasma Cutter)	
	70005708	1	Breather Assembly (Hydraulic Tank)	
	7018991	1	Coil (2WS and 4WS Control Valve Assembly)	
	70004460	1	Coil (2WS and 4WS Control Valve Assembly)	
	70004463	1	Coil (2WS and 4WS Control Valve Assembly)	
	70004595	1	Coil (2WS and 4WS Control Valve Assembly)	
	70004653	1	Coil (2WS and 4WS Control Valve Assembly)	
	70006956	1	Coil (2WS and 4WS Control Valve Assembly)	
	70004673	1	Coil (4WS Control Valve Assembly)	
	70002386	1	Coil (Boom and Control Valve Assemblies)	
	7012944	1	Coil (Control Valves Installation)	
	4360476	1	Contacto (Ground Control Boxes and Platform Console Boxes)	
	7020176	1	Contacto (Ground Control Boxes and Platform Console Boxes)	
	1001129555	1	Controller Assembly (Lift and Swing) (Platform Console Box)	
	1001212415	1	Controller Assembly (Drive and Steer) (Platform Console Box)	
	1001117174	1	Controller, Footswitch	
	4360407	1	Controller, Speed (Platform Console Box)	
	3990010	2	Diode, 6 Amp (Ground Control Box Harness)	
		Ref	Engine - Deutz D2011	
	70004020	12	Filter, Air	
	7016328	12	Filter, Fuel	
	7016331	12	Filter, Oil	
	7027795	1	Module, Control	
	3740067	1	Relay	
	3740080	1	Relay	
	70004058	1	Relay	
		Ref	Engine - Deutz TD2.9L4	
	91403102	12	Filter, Air	
	70025153	12	Filter, Fuel (Frame Mounted Filter)	
	70025161	12	Filter, Fuel (Engine Mounted Filter)	
	7016331	12	Filter, Oil	
	1001196634	2	Fuse, 2Amp (Breather Heater Harness)	
	8229242	2	Fuse, 5Amp	
	80983191	2	Fuse, 10Amp	
	70023592	2	Fuse, 20Amp	
	70023593	2	Fuse, 30Amp	

SECTION 10 - RECOMMENDED SERVICE PARTS STOCK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70025210	1	Module, ECU	
	3740067	1	Relay	
	70005648	1	Relay	
	1001117308	1	Relay	
		Ref	Engine - Deutz TD2.9L4 (China III)	
	91403102	12	Filter, Air	
	1001225430	12	Filter, Fuel (Frame Mounted Filter)	
	1001225432	12	Filter, Fuel (Engine Mounted Filter)	
	7016331	12	Filter, Oil	
	70025210	1	Module, ECU	
	3740067	1	Relay	
	70005648	1	Relay	
	1001117308	1	Relay	
		Ref	Engine - Deutz TD2.9L4 (Stage V)	
	91403102	12	Filter, Air	
	70025153	12	Filter, Fuel (Frame Mounted Filter)	
	70025161	12	Filter, Fuel (Engine Mounted Filter)	
	7016331	12	Filter, Oil	
	1001196634	2	Fuse, 2Amp (Breather Heater Harness)	
	8229242	2	Fuse, 5Amp	
	80983191	2	Fuse, 10Amp	
	70023592	2	Fuse, 20Amp	
	70023593	2	Fuse, 30Amp	
	70025210	1	Module, ECU	
	3740067	1	Relay	
	70005648	1	Relay	
	1001117308	1	Relay	
		Ref	Engine - Ford	
	70005008	12	Filter, Primary Air	
	70006460	12	Filter, Secondary Air	
	70006155	12	Filter, Fuel	
	70006213	12	Filter, Oil	
	70006175	2	Fuse, 20Amp	
	70006176	1	Module, Engine Control Unit	
	3740067	1	Relay	
	70006171	1	Relay	
	70006172	1	Relay	
	2120210	12	Element, Filter (Control Valves Installation)	
	8229249	2	Fuse, 3Amp (USB Charger & Platform Console Box Harness)	
	8229242	2	Fuse, 5Amp (Control Box Harness)	
	2400064	2	Fuse, 5Amp (Generator to Engine Harness)	
	2860030	1	Key, Replacement (Ground Control Boxes)	
	2940074	1	Latch (Platform Assemblies with Gates)	
	1001103667	1	Module, Ground Control	
	1001106938	1	Module, Platform	
	1001142683	1	Module, Control (Strobe Light Installations)	
	3740049	1	Relay (Ground Control Boxes)	
	3740080	1	Relay (2500W Generators and 7500W Generator with Ford Engine)	
	3740086	1	Relay (SkyLine Harness)	
	70006553	1	Relay (4000W Generators)	
	1001186431	1	Relay (SkyGuard)	

SECTION 10 - RECOMMENDED SERVICE PARTS STOCK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001094400	1	Sensor, Dual Axis (Upright Tilt Sensor Installation)	
	1001228225	1	Sensor, Emitter (SkyEye)	
	4360436	1	Sensor, Fuel Level (Tank Installations)	
	4360578	1	Sensor, Limit (Boom Valves and Proximity Switches Installation and Transport Position Switch)	
	4360057	1	Sensor, Limit (Soft Touch Installation)	
	7026638	1	Sensor, Pressure (Air Compressor)	
	4360498	1	Sensor, Proximity (Boom Valves and Proximity Switches Installation)	
	4360499	1	Sensor, Proximity (Boom Valves and Proximity Switches Installation)	
	4360517	1	Sensor, Proximity (Rotary Coupling)	
	1001232667	1	Sensor, Proximity (SkyLine)	
	1001228224	1	Sensor, Receiver (SkyEye)	
	1001172271	1	Sensor, Roller Limit (Boom Valves and Proximity Switches Installation with Tower Stow)	
	1001225346	1	Switch, Battery (Battery Disconnect Installation)	
	4360475	1	Switch, Emergency Stop (Ground Control and Platform Conosole Boxes)	
	4360469	1	Switch, Key (Ground Control Boxes)	
	4360387	1	Switch, Push Button (CE & UK CA Ground Control Boxes, Platform Console Boxes, and Soft Touch)	
	4360274	1	Switch, Push Button (Ground Control Boxes with Deutz Stage V Engine)	
	70001432	1	Switch, Rocker (Plasma Cutter)	
	4360336	1	Switch, Toggle (Generator Installations)	
	1001155045	1	Switch, Toggle (Ground Control and Platform Console Boxes)	
	4360328	1	Switch, Toggle (Jib Switch Installation)	
	4360331	1	Switch, Toggle (Platform Console Boxes)	
	1001159256	1	Switch, Toggle (Platform Console Boxes)	
	7024469	1	Switch with Lead (Welder Assembly)	

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

FIGURE 11-1. SPECIAL OPTIONS/ACCESSORIES/KITS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		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	
	1001229762	Ref	Air Intake Shut-off Valve (Deutz TD2.9L4 Engines) (Factory Installed)	
	0258805	Ref	Airline to Platform Installation - 1/2in	
	1001092092	Ref	Airline to Platform Installation - 1/2in (With Arctic Package)	
	1001249695	Ref	Analyzer and Cable Kit	
	1001249941	Ref	Battery Powered Analyzer Installation Kit	
	0258737	Ref	Bellows Installation - Boom	
	1001158259	Ref	Bellows Installation - Chassis	
	1001158260	Ref	Bellows Installation - Chassis	
	2910887	Ref	Boom Wear Pad Kit	
	0258654	Ref	Boom Wipers Installation	
	1001233047	Ref	Breather Heater Kit (Deutz TD2.9L4 Engines)	
	1001172045	Ref	Cable/Ladder Carrier Installation	
	1001233472	Ref	Cable/Hose Protection Installation (Boom/Jib)	
		Ref	ClearSky Telematics Installation (Factory Installed)	
	1001228949	Ref	ClearSky Telematics Installation - 3G Canbus Connection (Factory Installed) (ANSI Export, CE & UK CA Specs)	
	1001246473	Ref	ClearSky Telematics Installation - 3G Canbus Connection (Factory Installed) (Australian Specs)	
	1001227448	Ref	ClearSky Telematics Installation - 4G Canbus Connection (Factory Installed) (All Specs Except China Specs)	
	1001246474	Ref	ClearSky Telematics Installation - 4G Canbus Connection (Factory Installed) (China Specs)	
	1001229107	Ref	ClearSky Telematics Installation - 3 Wire Connection (Factory Installed) (ANSI & CSA Specs)	
	1001233237	Ref	ClearSky Telematics Installation - 3 Wire Connection (Factory Installed) (ANSI Export, CE & UK CA Specs)	
		Ref	ClearSky Telematics Kits (Dealer Installed)	
	1001242409	Ref	ClearSky Telematics Access Control Add-on Kit	
	1001243183	Ref	ClearSky Telematics Access Control Add-on Kit - Canbus (ANSI & CSA Specs)	
	1001243184	Ref	ClearSky Telematics Access Control Add-on Kit - Canbus (ANSI Export, CE & UK CA Specs)	
	1001246142	Ref	ClearSky Telematics Add-On Kit (Australian Specs)	
	1001119939	Ref	ClearSky Telematics Add-On Kit (ANSI Spec)	
	1001119947	Ref	ClearSky Telematics Add-On Kit (CSA Spec)	
	1001178208	Ref	Cold Weather Package Installation - Deutz D2011 Engines	
	1001178207	Ref	Cold Weather Package Installation - Deutz TD2.9L4 Engines, Deutz TD2.9L4 (Stage V Pre-Buy) Engines and Deutz TD2.9L4 (Stage V) Engines	
	1001255807	Ref	Cold Weather Package Installation - Deutz TD2.9L4 (Stage V)	
	1001219840	Ref	Cold Weather Package Installation - Ford Engines	
	0274883	Ref	Cold Weather Transformer Installation (ANSI Export, Australian, CE & UK CA, and Japanese Specs Only)	
	1001109263	Ref	Communication System (David Clark) Installation (ANSI Spec Only)	
	1001115918	Ref	Cribbing Installation	
	0257195	Ref	Decal - Government Warranty	

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Decals Kits:	
	1001270517	Ref	Machine - ANSI 9220	
	1001108721	Ref	Platform	
	1001272200	Ref	Platform - ANSI 9220	
	1001119563	Ref	Platform Console	
	1001272088	Ref	Platform Console - ANSI 9220	
	2902396	Ref	Drive/Steer Cutout Kit	
	1001253619	Ref	Electrical Assembly Module Box 12 Kit	
	1001253618	Ref	Electrical Assembly Module Box 4/8 Kit	
	1001148902	Ref	Electrical Connector Kits - Amp	
	1001148903	Ref	Electrical Connector Kits - Deutsch DT	
	1001148904	Ref	Electrical Connector Kits - Deutsch HD	
	1001148905	Ref	Electrical Connector Kits - Packard	
	1001148906	Ref	Electrical Connector Kits - Various	
	1001218022	Ref	Engine Block Heater Installation - Ford Engines	
	1001108962	Ref	Exhaust Rain Cap Installation (Australian, CE & UK CA Specs)	
	1001269630	Ref	Fall Arrest (Bolt-On) Add-On Kit (30inch x 4 Ft/1.22m Platform)	
	1001269629	Ref	Fall Arrest (Bolt-On) Add-On Kit (30inch x 5 Ft/1.52m Platform)	
	1001269631	Ref	Fall Arrest (Bolt-On) Add-On Kit (30inch x 6 Ft/1.82m Platform)	
	1001237883	Ref	Fall Arrest (Bolt-On) Add-On Kit (6 Ft/1.82m Platform) (ANSI, ANSI Export, China, CSA & Japanese Specs)	
	1001237882	Ref	Fall Arrest (Bolt-On) Add-On Kit (8 Ft/2.4m Platform) (ANSI, ANSI Export, China, CSA & Japanese Specs)	
		Ref	Fan Cover/Grille Options	
	1001182599	Ref	Fan Cover Installation (Deutz D2011 Engines)	
	1001177694	Ref	Fan Grille Installation (Deutz TD2.9L4 Engines, Deutz TD2.9L4 (Stage V Pre-Buy) Engines) and Deutz TD2.9L4 (Stage V) Engines (Modine Radiator)	
		Ref	Filter Kits:	
		Ref	Combined Filter Kit Options (Hydraulic/Air and Fuel/Engine Oil)	
	1001241774	Ref	Deutz D2011 Engine Machines	
	1001195533	Ref	Deutz TD2.9L4 Engine Machines	
	1001241776	Ref	Ford Engine Machines	
	1001139099	Ref	Fire Extinguisher Installation (20lb)	
	1001117294	Ref	Footswitch Shield (Note: Move Decal to Shield)	
	1001202749	Ref	Fuel Cap Cover Installation (Black) (Note: Lock p/n 1001102157 must be Purchased Separately)	
	1001191395	Ref	Fuel Cap Cover Installation (Green) (Diesel Machines) (Note: Lock p/n 1001102157 must be Purchased Separately)	
	1001205441	Ref	Fuel Cap Cover Installation (Red) (Gas Machines) (Note: Lock p/n 1001102157 must be Purchased Separately)	
	1001094475	Ref	Generator Hourmeter Installation	
	1001241413	Ref	Hostile Environment - 2WD Add-on Kit	
	1001241415	Ref	Hostile Environment - 4WD Add-on Kit	
	1001183226	Ref	Hose Kit - Boom (Lower)	
	1001183225	Ref	Hose Kit - Boom (Upper)	
	1001209632	Ref	Hose Kit - Platform Valve	
	1001268736	Ref	Jib Link Kit	
	1001148971	Ref	Lanyard (Bolt-On) Kit Installation	
	1001236211	Ref	Leveling Cylinder Valve Cover Assembly Kit	
		Ref	Light Options	
	0271768	Ref	Headlights & Taillights Installation (ARS Hoods)	
	1001164786	Ref	Headlights & Taillights Installation (Steel Hoods)	

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0273485	Ref	Platform Worklights Installation	
	1001257561	Ref	Portable Worklights Installation	
	1001152965	Ref	Strobe Light Installation - Platform Mounted (Amber)	
	1001154231	Ref	Strobe Light Installation - Platform & Ground Mounted (Amber)	
	1001236951	Ref	Low Temperature Cutout Installation (Russian Specs)	
		Ref	Oil Cooler Options:	
	1001156172	Ref	Oil Cooler Installation - Deutz D2011 Engine Machines	
	1001184569	Ref	Oil Cooler Installation - Deutz TD2.9L4 Engine, Deutz TD2.9L4 (Stage V Pre-Buy) Engine and Deutz TD2.9L4 (Stage V) Engine Machines	
	1001219633	Ref	Oil Cooler Installation - Ford Engine Machines	
	1001200700	Ref	Oil Cooler Replacement Kit (RCP to YMER)	
	1001195304	Ref	Platform Console Cover Installation (Factory Installed)	
	1001270482	Ref	Platform Console Enclosure Cover Installation - Steel (Dealer Installed)	
	1001266290	Ref	Platform Console Enclosure Cover Installation - Steel (Factory Installed)	
	2915228	Ref	Platform Conversion Kit (Front to Side Entry)	
	1001142504	Ref	Platform Entry Kit - Drop Bar (Replaces Swing Gate with Drop Bar)	
	1001142505	Ref	Platform Entry Kit - Swing Gate (Replaces Drop Bar with Swing Gate)	
	1001266098	Ref	Platform Mesh to Mid Rail Installation - 3ft x 8ft Platforms (Plastic) (ANSI/ANSI Export, CSA, Australia, and China Specs)	
	1001269389	Ref	Platform Mesh to Mid Rail Installation - 3ft x 8ft Platforms (Steel) (ANSI/ANSI Export, CSA, Australia, and China Specs)	
	1001266807	Ref	Platform Mesh to Top Rail Installation - 2.5ft x 4ft Platforms (Plastic) (ANSI/ANSI Export, CSA, and China Specs)	
	1001272182	Ref	Platform Mesh to Top Rail Installation - 2.5ft x 4ft Platforms (Steel) (ANSI/ANSI Export, CSA, and China Specs)	
	1001266489	Ref	Platform Mesh to Top Rail Installation - 3ft x 6ft Platforms (Plastic) (ANSI/ANSI Export, CSA, and China Specs)	
	1001271642	Ref	Platform Mesh to Top Rail Installation - 3ft x 6ft Platforms (Steel) (ANSI/ANSI Export, CSA, and China Specs)	
	1001266056	Ref	Platform Mesh to Top Rail Installation - 3ft x 8ft Platforms (Plastic) (ANSI/ANSI Export, CSA, and China Specs)	
	1001269187	Ref	Platform Mesh to Top Rail Installation - 3ft x 8ft Platforms (Steel) (ANSI/ANSI Export, CSA, and China Specs)	
		Ref	Platform Mesh to Top Rail Add-on Kits:	
	1001214552	Ref	2.5ft x 4ft (76cm x 1.22m) (Steel) with Gate	
	1001214561	Ref	3ft x 6ft (91.5cm x 1.83m) (Steel) with Gate	
	1001214562	Ref	3ft x 8ft (91.5cm x 2.44m) (Steel) with Gate	
	0272733	Ref	Platform, Top Rail Extension Installation - 3ft x 6ft Platforms	
	0272725	Ref	Platform, Top Rail Extension Installation - 3ft x 8ft Platforms	
	1580013	Ref	Platform Storage Tray	
	1001209059	Ref	Platform Work Surface Installation	
	1001162546	Ref	Pump Coupling Replacement Kit	
	1001139944	Ref	Pump Mounting Bracket Kit (Sauer Danfoss)	
	1001199488	Ref	Radiator Replacement Kit (RCP to Modine Radiator)	
	1001190888	Ref	Service Kits	Q
	1001241547	Ref	SkyEye Housing Kit (Left Side)	
	1001241548	Ref	SkyEye Housing Kit (Right Side)	
	1001247073	Ref	SkyEye Retrofit Kit	
	1001206477	Ref	SkyGuard Complete Add-On Kit (Blue Beacon) (UGM Machines) (Note: Requires 7500W SkyPower Generator)	

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210026	Ref	SkyGuard Complete Add-On Kit (Red Beacon) (UGM Machines) (Note: Requires 7500W SkyPower Generator)	
	1001137672	Ref	SkyGuard Platform Sensor Kit (UGM Machines)	
	1001137440	1	SkyGuard Sensor Harness	
	1001186431	2	Relay	
	1001250035	Ref	SkyGuard Platform Sensor Retrofit Kit	
	1001206311	Ref	SkyGuard Strobe Light Kit - Hood Mounted (Blue Beacon)	
	1001210025	Ref	SkyGuard Strobe Light Kit - Hood Mounted (Red Beacon)	
	1001250595	Ref	SkyGuard 6-Pin Retrofit Installation Kit	
	1001249052	Ref	SkyGuard Retrofit Kit (Dealer Installed)	
	1001262016	Ref	SkyLine Add on Kit (Dealer Installed)	
	1001252033	Ref	SkySense/Enhanced Detection System (EDS) Level 1 (2-Bar) Add on Kit (Dealer Installed)	
	1001252034	Ref	SkySense/Enhanced Detection System (EDS) Level 2 (3-Bar) Add on Kit (Dealer Installed)	
	1001250465	Ref	SkySense/Enhanced Detection System (EDS) Level 1 (2-Bar) Installation (Factory Installed)	
	1001250466	Ref	SkySense/Enhanced Detection System (EDS) Level 2 (3-Bar) Installation (Factory Installed)	
	1001258953	Ref	Tower Stow Switch Installation Kit	
	1001157013	Ref	Softtouch Counterweight Installation (Required with Soft Touch Option)	
		Ref	Tools for Service	
	1600244	1	Analyzer, Machine System	
	7002840	1	Antirotation Pin Removal Tool	
	8896941	1	Wire Stripper	
	7002821	1	Wire Crimper (To install wire ends to wires)	
	7002823	1	Pin/Socket Extractor - Universal (To Remove Pins/Sockets from Connectors)	
	4460467	1	Extractor - 16-18 Gauge (For Removal of Pin/Sockets from Deutsch Connectors)	
	4460510	1	Extractor - 12-14 Gauge (For Removal of Pin/Sockets from Deutsch Connectors)	
	7002822	1	Screwdriver, Potentiometer (To Adjust Drive Controllers)	
	7016654	1	Screwdriver, Magnetic	
	7004275	1	Seal Installation Tool - 1in	
	7004276	1	Seal Installation Tool - 1-1/2in	
	7002826	1	Seal Installation Tool - 2in	
	7016655	1	Wire Rope Sheave Gauge	
	7016652	1	Huck Bolt Fastener (For Small Huck Bolts Only)	
	70000017	1	ADE Software CD	
	1001137005	1	Software Cable Kit	
	70005663	1	Tool, Port Plate for Pump p/n 1001142522	
	2915094	Ref	Turntable Bearing Kit	
	1001262959	Ref	Voltage Regulator Clearsky Locate Kit	
	0256196	Ref	Wheel Covers Installation	

PART NUMBER INDEX

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

0100009....131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191, 529, 533	0100062... 101, 103, 105, 254, 258, 290, 296, 302, 308, 350, 356, 432, 440	0360406 59 0362770 195, 199, 203 0400075 119, 121 0440244 81 0480100 581, 583, 585 0480121 403, 413 0480126 415, 431 0480129 423, 440 0561185 461 0561295 457, 459 0630407 ... 290, 296, 302, 308 0630427 483, 485 0630462 ... 587, 589, 591, 593 0630467 475, 477 0630485 209, 213, 221 0630518 ... 225, 523, 559, 562, 567, 569, 573 0630534 613 0630535 ... 609, 619, 625, 627 0630548 ... 131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191 0630568 530, 534 0641403 489 0641404 ... 131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191, 413, 415, 419, 423, 427, 431, 435, 439, 443, 453, 455, 529, 533, 553 0641405 ... 117, 227, 229, 447, 553 0641406 ... 113, 125, 127, 195, 199, 203, 237, 239, 265, 269, 273, 277, 281, 283, 285, 287, 290, 296, 302, 308, 336, 340, 395, 397, 415, 419, 525, 527, 557, 767, 769 0641407 ... 131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191, 237, 249, 251, 254, 258, 343, 345, 395 0641408 ... 209, 213, 221, 337, 341, 487, 525, 527 0641409 227, 243, 246 0641410 51, 227, 229, 243, 245, 254, 258 0641412 ... 265, 269, 273, 277 0641414 63, 65, 529, 533, 551, 587, 589, 591, 593 0641416 ... 709, 711, 713, 715, 717, 719, 721, 723, 725, 727, 729	0641418 63, 65, 475, 477, 493, 497, 503, 505, 507, 509, 515, 517, 519 0641420.....336, 340 0641506....113, 131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191, 196, 199, 204 0641507.....475, 477 0641508 55, 57, 101, 103, 105, 195, 199, 203, 209, 213, 221, 243, 245, 265, 270, 273, 277, 336, 340, 403, 405, 409, 413 0641510.....254, 258 0641511.....485 0641512.....254, 258 0641514....581, 583, 585 0641516....423, 427, 431, 435, 439, 443, 447 0641518....290, 296, 302, 308 0641542.....29 0641560.....31, 33 0641604....453, 455, 483, 485 0641605....290, 296, 302, 308, 471, 473 0641606....51, 53, 63, 65, 196, 200, 204, 229, 254, 258, 453, 455, 457, 459, 463, 469, 471, 473, 562, 567, 569, 573 0641607....23, 25, 27, 89, 91, 93, 95, 97, 99, 101, 103, 105, 209, 213, 221, 336, 340, 405, 453, 455, 457, 459, 461, 463, 469 0641608....125, 127, 129, 195, 196, 199, 200, 203, 204, 210, 214, 221, 290, 296, 302, 308, 389, 453, 455, 457, 459, 461, 463 0641609....195, 199, 203, 209, 213, 221, 229, 254, 258, 290, 296, 302, 308, 391, 393, 399, 457, 459, 461 0641610....113, 233, 235, 243, 245, 254, 258, 265, 269, 273, 277, 325, 327, 329, 336, 340, 387, 403, 413, 461, 525, 527 0641611 85, 87, 265, 269, 273, 277, 453, 455, 463 0641612....290, 296, 302, 308, 336, 340, 457, 459, 739, 741, 743, 745, 747, 749, 751, 753, 755
0100011....17, 19, 21, 23, 25, 27, 29, 31, 33, 51, 53, 55, 57, 63, 65, 81, 85, 87, 89, 91, 93, 95, 97, 99, 101, 103, 105, 117, 119, 121, 131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191, 195, 199, 200, 203, 209, 210, 213, 214, 221, 222, 227, 229, 243, 245, 249, 251, 254, 258, 265, 269, 273, 277, 281, 283, 285, 287, 290, 296, 302, 308, 325, 329, 336, 340, 343, 345, 348, 354, 359, 365, 367, 391, 393, 403, 405, 409, 413, 415, 419, 423, 427, 431, 435, 439, 443, 447, 453, 455, 457, 459, 461, 463, 467, 469, 471, 473, 475, 477, 483, 485, 489, 493, 497, 503, 505, 507, 509, 515, 517, 519, 551, 553, 562, 567, 569, 573, 587, 589, 591, 593, 739, 741, 743, 745, 747, 749, 751, 753, 755	0100079.... 387, 427, 443 0100081... 209, 213, 221, 469, 575, 577, 579 0140011 529, 533 0140044 117 0181949 49 0200048... 587, 589, 591, 593 0200742 403, 413 0232121 55, 57, 59 0256196 889 0256202 705 0257195 886 0257728 581 0258077 469 0258217 483 0258567 489 0258654 886 0258728 399 0258737 886 0258805 886 0258945 547 0259420 471, 473 0270888 43 0271090 43 0271091 43 0271340 545 0271584 871 0271585 871 0271768 887 0272254 569 0272259 699 0272260 701 0272418... 575, 577, 579, 871 0272427 591 0272433 707 0272435... 440, 444, 448 0272448 879 0272521 567 0272588 877 0272589 432, 436 0272599 875 0272725 888 0272733 888 0272948 577 0272951 579 0273353 562 0273485 888 0273687 871 0273706 593 0273824 587 0274031 227 0274519 871 0274661 585 0274883 886 0275216 709, 825 0275217 713, 827 0275452 717, 829 0275453 721, 831 0275454 725, 833 0275733 487		

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

0641614 ... 63, 65, 89, 91, 93, 95, 97, 99, 101, 103, 105	0700812 348, 354	0801132.....453, 455, 461	0962181 25
0641615 461	0700814 ... 292, 298, 302, 348, 354	0801136.....453, 457	0962270 511, 521
0641616 ... 113, 415, 419, 424, 427, 436, 444, 461	0700816 367	0801496.....461	0962336 613
0641617 49	0700818 367	0801573.....457, 459	0962348 25
0641618 ... 432, 440, 463	0701014 367	0801591.....457, 459	0962449 413
0641622 471, 473	0701022 310	0801594.....461	0962520 ... 415, 419, 423, 427, 432, 435, 440, 443, 447
0641624 ... 469, 471, 473	0701025 308	0811608...89, 91, 93, 95, 97, 99, 101, 103, 105	1001001939 254, 258
0641640 469	0701026 359	0811610.....209, 213, 221	1001080707 ... 89, 93, 97
0641708 ... 290, 296, 302, 308	0710827 367	0811612.....119, 121	1001091460 37
0641772 ... 403, 405, 409, 413	0711014 350, 356	0811812...195, 199, 203, 209, 213, 221	1001091461 37
0641806 ... 304, 461, 625	0711020 348, 354	0860038...424, 427, 435, 439, 443, 447, 699, 701	1001091969 709
0641808 ... 243, 245, 265, 269, 273, 277, 281, 283, 285, 287, 336, 340, 343, 345, 415, 419, 423, 427, 431, 435, 439, 443	0711215 302	0861538...440, 443, 447	1001091970 713
0641810 . 23, 25, 27, 227, 229	0711223 350, 356	0861572.....432, 435	1001091973 717
064181285, 87, 249, 251, 281, 283, 285, 287, 343, 345, 405	0711414 391, 393	0861642.....227, 229	1001091974 721
0641818 17, 101, 103, 105, 393, 399, 401	0720804 49	0861731...719, 723, 727, 729, 829, 831, 833	1001091975 725
064182085, 87, 254, 258, 391	0721005 591, 593	0861781...711, 715, 825, 827	1001092092 886
0641840 453, 455	0721006 ... 195, 199, 203, 325, 327, 329, 403, 405, 413, 529, 533	0861880.....771, 773	1001092384 753
0642010 ... 243, 245, 336, 340	0731005 587, 589	0902143.....195, 199, 203	1001093382 119, 121
0642012 ... 265, 269, 273, 277, 575, 577, 579	0741605 ... 290, 296, 302, 308	0902161.....195, 199, 203	1001094400 487, 884
0642038 59	0741607 ... 415, 419, 424, 427, 435, 443, 447, 453, 455	0902219.....195, 199, 203	1001094475 887
0642212 . 17, 19, 21, 575, 577, 579	0741609 25	0902223.....195, 199, 203	1001094595 249, 251, 281, 283, 285, 287, 343, 345, 371
0642214 453, 455	0760605 ... 290, 296, 302, 308, 365	0902412.....195, 199, 203	1001096141 853
0642620 453, 455	0760606 448	0902426.....195, 199, 203	1001096736 487
0651406 63, 65	0760608 348, 354	0902491.....195, 199, 203	1001097051 739, 741, 743, 745, 747, 749, 751, 753, 755, 841
0681608 . 17, 19, 21, 243, 245, 265, 269, 273, 277, 292, 298, 310, 467	0760610 ... 348, 354, 367, 409, 447	0902888...423, 427, 431, 435, 439, 443, 447	1001097082 739, 741, 743, 745, 747, 749, 751, 753, 755
0681620 ... 595, 597, 599, 601, 603	0760612 ... 132, 136, 140, 144, 148, 152, 156, 160, 164, 168, 172, 176, 180, 184, 188, 192, 348, 354	0903088.....227, 229	1001097150 771
0681814 511, 521	0760615 367	0903242.....85, 87	1001097244 555
0681820 ... 290, 296, 302, 308	0760608 348, 354	0903308.....195	1001098012 559, 562, 565
0681822 . 29, 31, 33, 292, 298, 302, 308, 511, 521	0760807 365	0903697.....767	1001098122 537, 823
0682016 29, 31, 33	0760810 ... 290, 296, 302, 308, 336, 340, 348, 354, 467	0940049...195, 199, 203, 209, 213, 221	1001098149 559
0682023 81	0760812 ... 348, 354, 737	0940070...254, 258, 290, 296, 302, 308, 350, 356	1001098167 607
0682032 81	0760814 ... 308, 348, 354	0940071...195, 199, 203	1001098828 467
0682216 75	0760815 ... 308, 348, 354	0940088...196, 199, 204	1001099121 196
0682236 19, 21	0760817 367	0940092...587, 589, 591, 593	1001099137 195
0682424 ... 595, 597, 599, 601, 603	0761008 ... 266, 270, 277, 336, 340	0940094...587, 589, 591, 593	1001099138 195, 196
0700408 ... 709, 711, 713, 715, 717, 719, 721, 723, 725, 727, 729	0761014 ... 348, 354, 401, 467	0940102...575, 577, 579	1001099366 575, 577, 579
0700615 233, 235	0761015 ... 292, 298, 302, 308, 348, 354	0940103.....591	1001099367 575, 577, 579
0700618 ... 210, 214, 222	0761016 ... 348, 354, 409	0940133.....593	1001099421 577
0700626 463	0761018 447	0940134.....587	1001099422 579
0700808 254, 258	0761210 ... 290, 296, 302, 308	0940177.....589	1001099837 469
0700810 348, 354	0761216 467	0961845...493, 497, 503, 505, 507, 509, 515, 517, 519	1001099869 413
	0771014 348, 354	0961893.....613	1001099870 29
	0771212 ... 265, 269, 273, 277, 290, 296, 308	0961894.....609, 619	1001100234 413
	0771414 ... 254, 258, 290, 296, 302, 308	0961897.....625, 627	1001100321 413
	0771415 ... 292, 298, 302, 308, 415, 424, 432, 440	0961947.....463	1001100341 825
		0961951...457, 459, 609, 619	1001100342 827
		0961986...254, 258, 290, 296, 302, 308, 348, 354	1001100345 829
		0962051.....399, 401	1001100346 833
		0962102...17, 19, 21, 457, 459, 461, 611, 615, 617	1001100347 831
		0962122.....461	1001100825 343, 345, 379, 385
		0962152.....25, 621	1001101191 709, 711, 713, 715, 717, 719, 721, 723, 725, 727, 729, 771, 773
		0962155.....619	

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001101196.....709, 711, 713, 715	1001115387 439	1001120989 872	1001138175.....291, 297, 303, 310, 349, 355
1001101197.....717, 719, 721, 723, 725, 727, 729	1001115389 431	1001121122 221	1001138228.....291, 297, 303, 309
1001101421.....575	1001115405 403	1001121123 221	1001138248.....291, 297, 303, 309, 349, 355
1001101422.....575	1001115409 413	1001125125 749, 751, 753, 755	1001138489.....291, 298, 303, 310
1001101600.....243, 245	1001115918 886	1001125126 749, 751, 753, 755	1001138491.....265, 269, 273, 277, 795
1001101623.....196	1001116208 872	1001125387 872	1001138494.....497, 503, 505, 507, 509, 515, 517, 519
1001101673.....196	1001116290 210, 214, 222	1001125492 75	1001138514.....497, 503, 505, 509, 515, 519
1001102290.....781	1001116456 125	1001126009 843	1001138557.....291, 297, 303, 309
1001102291.....781	1001116457 129	1001126351 785, 790	1001138565.....415
1001102304.....781	1001116473 755	1001126352 785	1001138566.....415, 419, 423, 428
1001103308.....131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191	1001116692 765	1001126356 785	1001138795.....613
1001103667.....135, 139, 147, 151, 155, 163, 171, 175, 179, 187, 883	1001116693 783, 793	1001126357 785	1001138796.....609, 619
1001103810.....23, 25, 27	1001116694 820	1001126362 786, 789	1001138827.....291, 297, 304
1001104519.....845	1001116695 485	1001126363 786, 789	1001139099.....887
1001106450.....583	1001116710 795	1001126364 786, 789	1001139135.....529, 534, 765
1001106481.....489	1001116727 785, 803, 805	1001126365 786	1001139240.....291, 297, 310
1001106736.....131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191	1001116728 785	1001126384 785	1001139357.....416, 423
1001106938.....529, 533, 883	1001116733 803	1001126391 786, 789	1001139409.....291, 297, 303, 309
1001106957.....652, 658, 675	1001116734 803	1001126392 786, 789	1001139654.....872
1001106974.....85	1001116774 735	1001126485 789	1001139944.....888
1001106975.....87	1001116808 735	1001126487 789	1001139952.....423
1001107469.....583	1001116812 789, 819	1001127094 872	1001140312.....298
1001107497.....583	1001116815 790, 819	1001128527 573	1001140346.....427
1001107529.....85	1001116952 785, 790	1001128556 573	1001140347.....419
1001107530.....87	1001116983 795	1001128901 349, 355	1001140429.....493, 497, 503, 505, 507, 509, 515, 517, 519
1001107755.....755	1001117078 813	1001129555 882	1001140448.....291, 297, 303, 310
1001108256.....589	1001117106 785, 790	1001129858 423	1001140450.....291, 297, 303, 310
1001108721.....887	1001117107 785, 790	1001131269 853	1001140454.....291, 297, 303, 310
1001108962.....887	1001117140 200, 204	1001133714 786, 789, 797	1001140564.....291, 297, 304
1001109263.....886	1001117172 537	1001133715 786, 789, 797	1001141300.....872
1001109654.....767, 769, 771	1001117174 529, 533, 537, 882	1001133956 785, 790	1001141302.....872
1001109690.....681	1001117219 210, 214, 222	1001133957 785, 790	1001141304.....291, 297, 303, 309
1001110166.....209, 213, 221	1001117234 209, 213, 221	1001134488 291, 297, 304, 349, 356	1001141370.....291, 297, 303, 309
1001110425.....63, 65, 229, 243, 246, 265, 269, 273, 277	1001117249 209, 213	1001135138 291, 297, 303, 309	1001141419.....303
1001110434.....529, 533	1001117294 887	1001135650 786, 789, 797	1001141421.....443
1001110872.....731, 733, 835	1001117307 209, 213, 221	1001135651 786, 789	1001141422.....435
1001110873.....424, 428, 439, 443, 448, 699	1001117308 291, 297, 303, 309, 883	1001135679 291, 297	1001141585.....291, 297, 303, 309, 349, 355
1001111514.....101, 103, 105	1001117372 607	1001136104 447	1001141586.....303
1001112551.....855	1001117598 209, 213, 221	1001136400 469	1001141718.....329
1001112588.....403	1001118133 101, 103, 105	1001136834 291, 297, 303, 309	1001141870.....325, 327
1001112589.....403, 413	1001118384 843	1001136881 680	1001141995.....291, 297, 303, 309, 349, 355
1001112612.....735, 819	1001118388 843	1001137005 889	1001142031.....395, 397
1001112796.....735	1001119020 735, 819, 823	1001137276 291, 297, 303, 309	1001142032.....395, 397
1001113047.....209, 213, 221	1001119563 887	1001137336 345	
1001113961.....819	1001119602 680	1001137364 143, 147, 151, 163, 167, 175, 187, 191, 533	
	1001119619 839	1001137440 889	
	1001119620 837, 841	1001137460 119, 121, 123	
	1001119939 886	1001137672 889	
	1001119947 886	1001137673 551	
	1001119968 435, 443, 813	1001138110 785	
	1001120328 551, 553	1001138111 785	
	1001120471 555	1001138113 785	
	1001120477 555	1001138173 291, 297, 303, 309, 349, 355	
	1001120484 555		
	1001120962 210, 214, 222		

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001142501 265, 269, 273, 325, 327, 329	1001148904 887	1001153259 420, 428, 807	1001156798 83
1001142504 888	1001148905 887	1001153282 255, 259, 290, 298, 309, 333	1001157013 889
1001142505 888	1001148906 887	1001153359 265, 269, 273, 277, 336, 341	1001157015 29
1001142623 303	1001148971 887	1001153396 249, 254	1001157016 31
1001142643 419, 428, 436, 444	1001149160 365	1001153414 255, 259	1001157049 81
1001142645 419, 436	1001149286 455, 459	1001153435 204	1001157058 81
1001142646 428, 444	1001149391 625	1001153713 131, 135, 139, 143, 147, 151, 781	1001157094 33
1001142683 233, 235, 883	1001149410 681	1001153749 487	1001157208 210, 222
1001142722 233, 235	1001149639 349, 355	1001153779 251, 258	1001157209 210, 214, 222
1001142736 233, 235, 735	1001149673 200, 204	1001154126 607	1001157400 631
1001142938 779, 786, 789	1001149703 391	1001154231 888	1001157520 432, 440, 444, 448
1001142940 779, 786, 789	1001149704 254, 258	1001154236 243, 249	1001157521 432, 436, 440, 444, 448
1001142941 779, 786, 789	1001149705 254, 258	1001154237 245, 251	1001157525 431, 432, 435, 436
1001143390 255, 259, 291, 297, 303, 309	1001149706 254, 258	1001154238 243	1001157528 432, 436, 440, 444, 448
1001143449 395, 397	1001149793 255, 259	1001154405 265, 269, 273, 325, 327, 329, 389	1001157592 439, 440, 444, 448
1001143483 397	1001149908 375	1001154584 19	1001157612 209, 213, 221
1001143484 395	1001149994 231, 233, 235	1001154687 607	1001157726 209, 213, 221
1001143525 395, 397	1001150260 195, 200, 203, 209, 213, 221	1001154875 21	1001157769 432, 441
1001143607 203, 204	1001150372 23, 25, 27	1001154931 25	1001157867 209, 213, 221
1001143609 203	1001150406 231	1001155035 25	1001158007 432, 436, 440, 444, 448
1001143611 204	1001150539 23, 25, 27, 621	1001155041 409	1001158008 432, 436, 440, 444, 448
1001143726 291, 297, 309, 785	1001150561 125	1001155043 131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191	1001158077 209, 213, 222
1001143736 265, 269, 273, 277	1001150890 393	1001155044 131, 135, 139, 143, 148, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191, 530, 534	1001158167 125
1001143797 291, 297, 303, 309	1001150915 255, 259	1001155045 131, 136, 139, 143, 148, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191, 530, 534, 884	1001158175 209, 213, 222
1001143852 872	1001150918 245, 270, 340	1001155143 243, 245	1001158187 51, 53
1001143858 200, 203	1001150937 23, 25, 27	1001155192 25	1001158188 51
1001143860 395	1001150998 255, 259	1001155194 21	1001158203 51
1001143907 292, 297, 303, 309	1001151010 49	1001155673 680	1001158204 53
1001144433 551	1001151034 23	1001155823 265, 269, 273, 277	1001158258 55
1001144438 229	1001151035 27	1001155895 209, 213, 221	1001158259 886
1001144447 229	1001151037 17	1001155899 209, 213, 221	1001158260 886
1001144527 127	1001151070 243, 245	1001156107 304	1001158364 117
1001144629 495, 499, 501, 507, 513, 517	1001151252 393	1001156136 75	1001158522 55, 57
1001145154 292, 297, 303, 310	1001151253 391	1001156172 888	1001159118 731, 733, 835, 882
1001145405 559, 562	1001151354 635, 640, 646, 652, 658, 664, 670, 676	1001156188 209	1001159119 731, 733, 835
1001145750 383	1001151856 786	1001156190 89, 91, 93, 95, 97, 99, 101, 103, 105	1001159120 731, 733, 835
1001145751 383	1001151980 23, 27	1001156332 635, 640, 646, 652, 658, 664, 670, 675	1001159121 733, 835
1001146273 254, 258	1001152175 131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191	1001156333 635, 640, 646, 652, 658, 664, 670, 675	1001159186 819
1001146588 274, 304	1001152429 432, 441, 809	1001156693 747	1001159256 530, 534, 884
1001147264 785, 790	1001152457 423, 428	1001156694 747	1001159293 675
1001147812 254, 258	1001152459 255, 259	1001156710 17, 19, 21	1001159295 675
1001147813 254, 258	1001152489 292, 298, 303, 309		1001159304 675
1001147820 254, 258	1001152520 436		1001159305 675
1001147823 254, 258, 261	1001152525 432, 436, 440, 444, 448		1001159306 675
1001148138 405	1001152532 416, 420, 424, 428, 799		1001159323 859
1001148652 457, 459	1001152564 481		1001159338 669
1001148675 731, 733, 835	1001152565 475, 477, 479		1001159339 669
1001148841 797	1001152566 204		1001159340 639, 657, 664
1001148842 797	1001152719 17, 19		1001159707 680
1001148902 887	1001152965 888		
1001148903 887	1001153197 416, 423, 805		

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001159854.....634, 639	1001171203.....471	1001180218.....419	1001188884.....387
1001160077.....231	1001171403.....786	1001180287.....405	1001188887.....387
1001160272.....703	1001171482.....136, 140,	1001180620.....292, 298,	1001188972.....245, 270,
1001160780.....55, 57	148, 152, 156, 164,	304, 309, 349, 355	341
1001161089.....209, 213,	172, 176, 180, 188	1001180861.....872	1001189001.....467
222	1001172045.....886	1001181045.....771, 773,	1001189002.....467
1001161355.....23, 25, 27	1001172064.....779	882	1001189979.....350, 355
1001161399.....23, 25, 27	1001172065.....779	1001181243.....406	1001190610.....292, 298,
1001162335.....292, 298,	1001172179.....471, 473	1001181895.....298	304, 310
325	1001172271.....485, 884	1001181899.....292, 296,	1001190888.....888
1001162497.....243, 246,	1001172760.....530, 534	304, 309	1001190985.....467
265, 269, 273, 277,	1001173535.....350, 356	1001182162.....681	1001191395.....887
336, 341	1001173703.....872	1001182361.....790	1001191525.....872
1001162546.....888	1001173876.....213	1001182365.....790	1001191599.....323
1001162915.....214	1001173878.....127	1001182599.....887	1001191610.....349, 355
1001163101.....127	1001173897.....91, 95, 99	1001182806.....237	1001191620.....274, 304
1001163131.....575	1001174040.....467	1001182997.....89, 91, 93,	1001193018.....709, 711,
1001163296.....577	1001174277.....214	95, 97, 99, 101, 103,	713, 715, 717, 719,
1001163297.....579	1001174408.....210, 222	105	721, 723, 725, 727, 729
1001163599.....405, 419,	1001174486.....336, 341	1001183225.....680, 887	1001195304.....888
428, 435, 443	1001174745.....395, 397	1001183226.....681, 887	1001195533.....887
1001164786.....887	1001174746.....397	1001184569.....888	1001195967.....395
1001165035.....265, 269,	1001176027.....281, 290	1001184618.....853, 855,	1001196382.....448
273, 277, 350, 354	1001176035.....283, 296	857, 859, 861, 863,	1001196634.....331, 777,
1001165350.....463	1001176329.....349, 355	865, 867, 869	882, 883
1001165368.....415, 420,	1001176469.....140, 152,	1001184626.....525, 527	1001196768.....210, 214,
773	172, 176	1001184682.....239	222
1001165657.....23, 25, 27	1001176636.....463	1001185281.....530, 534	1001197017.....587, 589,
1001165776.....155, 159,	1001176862.....731	1001185667.....265, 281	591, 593
164, 167, 171, 176, 783	1001177035.....416, 420,	1001185670.....265	1001197408.....872
1001165842.....303	769	1001185671.....269, 283	1001197719.....789
1001166538.....530, 534,	1001177359.....292, 298,	1001185672.....269	1001198333.....634, 646,
539	304, 310	1001186251.....209, 213,	651, 670, 676
1001166539.....530, 534,	1001177694.....887	222	1001198334.....634, 639
541	1001177710.....769	1001186254.....210, 214,	1001198336.....631
1001166806.....57	1001177844.....292, 298,	222	1001198338.....645, 651,
1001167042.....292, 298,	304, 309	1001186333.....511	657, 663, 669, 676
303, 309	1001177845.....292, 298,	1001186334.....521	1001198339.....631
1001167565.....467	304, 309	1001186375.....497	1001198340.....634, 639,
1001167567.....467	1001178057.....93, 95, 103,	1001186378.....503	645, 651, 658, 663
1001167596.....467	109	1001186379.....505	1001198341.....646, 664,
1001167632.....789	1001178174.....95	1001186382.....515	670
1001167635.....789	1001178175.....103	1001186383.....513	1001199394.....634, 639,
1001168018.....349, 355	1001178178.....245	1001186384.....501	645, 651, 657, 663,
1001168402.....467	1001178201.....680	1001186385.....499	669, 675
1001169054.....292, 298,	1001178202.....669	1001186387.....495	1001199395.....634, 639
304, 309, 349, 355	1001178203.....634	1001186426.....349, 355	1001199488.....888
1001169138.....292, 298,	1001178204.....645	1001186431.....551, 883,	1001199733.....387
304, 309, 349, 355	1001178205.....651	889	1001200054.....475, 477
1001169754.....45	1001178206.....675	1001186432.....843, 845	1001200120.....872
1001169755.....45	1001178207.....886	1001186517.....551	1001200121.....872
1001169756.....45	1001178208.....886	1001186985.....292, 298,	1001200122.....872
1001169757.....45	1001178223.....292, 298,	304, 310	1001200124.....872
1001169967.....349, 355	304, 310	1001187674.....549	1001200125.....872
1001170035.....349, 355	1001178797.....389	1001187681.....839	1001200126.....872
1001170527.....469	1001178876.....292, 298	1001187781.....348, 354	1001200127.....872
1001170548.....463	1001179040.....89, 93, 97	1001188135.....635, 640,	1001200491.....467
1001170764.....789	1001179079.....681	646, 652, 658, 664,	1001200494.....467
1001170808.....131, 136,	1001179154.....440, 444,	670, 675	1001200497.....487, 819
139, 143, 148, 152,	448	1001188622.....467	1001200700.....888
156, 159, 164, 167,	1001179329.....680	1001188842.....627	1001200910.....233
172, 176, 179, 183,	1001179545.....681	1001188844.....467	1001201351.....467
188, 191, 847	1001179546.....681	1001188874.....132, 136,	1001201885.....819, 823
1001171016.....767	1001179837.....405	140, 144, 148, 152,	1001202280.....387
1001171125.....427	1001179912.....415	156, 160, 164, 168,	1001202281.....387
1001171131.....731	1001180001.....405	172, 176, 180, 183,	1001202368.....291, 297,
1001171202.....473	1001180052.....406	188, 192	304

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001202687.....	467	1001216015.....	405	1001219365.....	337, 341	1001224936.....	310
1001202749.....	887	1001216065.....	365, 367	1001219366.....	337, 341	1001224937.....	310
1001203655.....	511	1001216071.....	367	1001219367.....	337, 341	1001224940.....	310
1001203656.....	521	1001216075.....	349, 355	1001219368.....	337, 341	1001225346.....	737, 884
1001204269.....	652, 658, 676	1001216092.....	349, 355	1001219369.....	337, 341	1001225430.....	321, 883
1001204325.....	292, 298, 304, 310	1001216144.....	367	1001219370.....	337, 341	1001225432.....	322, 883
1001204560.....	19, 21, 607	1001216201.....	349, 355	1001219480.....	349, 356	1001225442.....	349, 355
1001204667.....	387	1001216212.....	793	1001219601.....	132, 136, 140, 144, 148, 152, 156, 160, 164, 168, 172, 176, 180, 184, 188, 192	1001225510.....	350, 356
1001204725.....	467	1001216213.....	793			1001225580.....	551, 845
1001205441.....	887	1001216220.....	375			1001225745.....	249, 251, 281, 283, 285, 287, 343, 345, 369
1001205958.....	717, 719, 721, 723, 725, 727	1001216230.....	180, 184, 188, 192, 793	1001219608.....	345, 354	1001226285.....	329
1001206250.....	719	1001216300.....	359	1001219609.....	341, 345	1001226400.....	757, 759, 761, 763
1001206251.....	723	1001216390.....	448	1001219610.....	340	1001226531.....	737
1001206252.....	727	1001216391.....	410	1001219611.....	349, 356	1001226872.....	493
1001206253.....	711	1001216393.....	355	1001219612.....	349, 356	1001226923.....	389
1001206254.....	715	1001216531.....	350, 356	1001219613.....	349, 356	1001227224.....	277, 329
1001206255.....	729	1001216532.....	343, 345	1001219618.....	447	1001227351.....	745, 753, 757
1001206311.....	889	1001216534.....	343, 345	1001219619.....	409	1001227359.....	739, 741, 743, 745, 747, 749, 751, 753, 755
1001206476.....	737	1001216535.....	343, 345	1001219630.....	410		
1001206477.....	888	1001216568.....	336, 341	1001219632.....	410	1001227448.....	886
1001207004.....	235	1001216619.....	359	1001219633.....	888	1001227518.....	739, 741, 743, 747, 749, 751, 755
1001207558.....	195, 200, 203	1001216768.....	365	1001219809.....	337, 341		
1001207969.....	475, 477	1001216769.....	365	1001219840.....	886		
1001208994.....	467, 475, 477	1001216910.....	349, 355, 365	1001219881.....	401		
1001209059.....	888	1001216919.....	349, 355	1001219906.....	385		
1001209432.....	737	1001216995.....	355	1001219985.....	63, 475		
1001209474.....	737	1001217005.....	233	1001219986.....	65, 477	1001227520.....	747
1001209632.....	887	1001217032.....	349, 355	1001220002.....	222	1001227610.....	739
1001209664.....	551	1001217046.....	349, 355	1001220067.....	222	1001227614.....	287, 308
1001209982.....	47	1001217090.....	349, 355	1001220141.....	379	1001227615.....	277, 287
1001210025.....	889	1001217170.....	343, 345	1001220189.....	129	1001227616.....	277
1001210026.....	889	1001217174.....	349, 355	1001220190.....	221	1001227620.....	277
1001210448.....	361, 367	1001217175.....	349, 355	1001220379.....	785	1001227633.....	549
1001210636.....	555	1001217183.....	349, 355	1001220404.....	359	1001227634.....	549
1001211794.....	365, 367	1001217185.....	349, 355	1001220510.....	872	1001227666.....	350, 356
1001212223.....	435, 443	1001217186.....	349, 355	1001220511.....	872	1001227667.....	350, 356
1001212415.....	882	1001217191.....	343, 348	1001220512.....	872	1001227769.....	365
1001213447.....	823	1001217192.....	337, 343	1001220864.....	872	1001227772.....	367
1001213584.....	699, 701, 705, 769	1001217194.....	639	1001221203.....	310	1001227781.....	751
1001213585.....	699, 701, 705, 769	1001217195.....	663	1001221212.....	277, 309	1001227782.....	749
1001213705.....	453, 455	1001217196.....	657	1001221219.....	309	1001227783.....	741
1001213810.....	365	1001217199.....	336	1001221397.....	379, 385	1001227785.....	745
1001213882.....	530, 534	1001217317.....	349, 355	1001221464.....	343	1001227799.....	753
1001214030.....	872	1001217477.....	379, 385	1001221488.....	336, 340	1001227800.....	743
1001214552.....	888	1001217478.....	379	1001221498.....	448	1001227801.....	755
1001214561.....	888	1001217543.....	349, 355	1001221545.....	367	1001227985.....	549
1001214562.....	888	1001217780.....	463, 465	1001221615.....	350, 356	1001227987.....	549
1001214570.....	737	1001218022.....	887	1001222033.....	350, 356	1001227996.....	837, 841
1001214571.....	737	1001218085.....	343, 345	1001222641.....	367	1001228030.....	453, 455, 609
1001214827.....	367	1001218089.....	379, 385	1001222817.....	389		
1001215016.....	793	1001218362.....	349, 356	1001223042.....	349, 355	1001228050.....	453, 455, 619
1001215091.....	793	1001218449.....	349, 356	1001223055.....	853	1001228086.....	461, 627
1001215289.....	680	1001218547.....	401	1001223453.....	853, 863	1001228087.....	457, 625
1001215296.....	634, 639, 645, 651, 657, 663, 669, 676	1001218572.....	119, 121	1001223459.....	786, 789	1001228170.....	63, 67
1001215384.....	367	1001218622.....	707	1001223584.....	348, 354	1001228171.....	65, 71
1001215534.....	793	1001218623.....	707	1001223591.....	310, 321	1001228215.....	493
1001215681.....	349, 355	1001218930.....	448	1001223923.....	349, 355	1001228224.....	549, 884
1001215974.....	349, 355	1001219219.....	29, 31, 33, 37	1001223971.....	863	1001228225.....	549, 884
				1001224048.....	867	1001228243.....	517
				1001224049.....	869	1001228375.....	519
				1001224050.....	861	1001228376.....	507
				1001224052.....	857	1001228377.....	509
				1001224053.....	865	1001228949.....	886
				1001224486.....	350, 356		
				1001224489.....	350, 356		

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001228988.....573, 877, 879	1001237864..... 549, 837	1001248140 595, 597, 599, 601, 603	1001260412.....292, 298, 304, 310
1001229107.....886	1001237865..... 549, 839	1001248141 595, 597, 599, 601, 603	1001260413.....292, 298, 304, 310
1001229341.....549	1001237882..... 887	1001249052 889	1001260432.....302
1001229530.....819	1001237883..... 887	1001249695 886	1001260475.....485
1001229542.....291, 297, 304	1001238263..... 595, 597, 599, 601, 603	1001249941 886	1001260937.....534
1001229762.....886	1001238268..... 304	1001249942 291, 297, 313	1001261045.....302
1001229810.....75, 78	1001238319..... 549	1001250035 889	1001261085.....302
1001230032.....389	1001238418..... 553, 843	1001250292 210, 214, 222	1001261335.....595
1001230635.....291, 297, 304, 310	1001238421..... 467	1001250293 209, 213, 221	1001261336.....599
1001230934.....790	1001238463..... 603	1001250465 889	1001261338.....595
1001230935.....790	1001238472..... 553	1001250466 889	1001261339.....599
1001230936.....790	1001238495..... 551	1001250595 889	1001262016.....889
1001231801.....871	1001238559..... 553	1001250643 93	1001262959.....889
1001231886.....237	1001238672..... 523	1001251009 453, 455, 617	1001263352.....136, 148, 156, 164, 180, 188
1001231888.....89, 91, 93, 95, 97, 99	1001238674..... 225	1001251010 453, 455, 615	1001263353.....140, 152, 172, 176
1001231949.....601	1001238732..... 225, 523	1001251041 453, 455, 611	1001263355.....152
1001231950.....597, 603	1001238878..... 304, 789	1001251087 459, 623	1001263356.....144, 148, 164, 168, 188, 192
1001232010.....597, 599, 601, 603	1001239202..... 789	1001252033 889	1001263357.....176
1001232011.....597, 601, 603	1001239347..... 239	1001252034 889	1001263360.....163, 167
1001232164.....549	1001239462..... 119	1001252527 790	1001263361.....143, 147
1001232165.....549	1001239470..... 121	1001252627 875	1001263362.....151
1001232642.....553	1001241385..... 237	1001252629 595, 597, 599, 601, 603	1001263363.....187, 191
1001232667.....553, 884	1001241403..... 225, 523	1001252946 581	1001263364.....175
1001232842.....331	1001241413..... 887	1001252947 581	1001263587.....530, 534
1001232844.....304, 317	1001241415..... 887	1001253375 845	1001263588.....527, 533
1001233047.....886	1001241547..... 888	1001253618 887	1001263923.....781, 847
1001233089.....309	1001241548..... 888	1001253619 887	1001264239.....527
1001233237.....886	1001241774..... 887	1001253920 853	1001265163.....555
1001233472.....886	1001241776..... 887	1001253921 853	1001265342.....555
1001233763.....270, 331	1001241965..... 553	1001253922 863	1001265676.....793
1001234800.....789	1001242255..... 233	1001253923 863	1001266056.....888
1001235860.....273	1001242256..... 235	1001253924 867	1001266069.....525, 529
1001235861.....274, 285	1001242409..... 886	1001253925 867	1001266073.....525
1001235862.....285, 302	1001243183..... 886	1001253926 861	1001266098.....888
1001235949.....274, 304, 327	1001243184..... 886	1001253927 861	1001266164.....485
1001236089.....523	1001243414..... 210, 214, 222	1001253930 869	1001266290.....888
1001236092.....225	1001243645..... 47	1001253931 869	1001266489.....888
1001236211.....887	1001243682..... 237, 239, 849	1001253932 865	1001266499.....310
1001236303.....119	1001243895..... 331	1001253933 865	1001266525.....292, 298, 309
1001236304.....737	1001244620..... 853	1001253936 857	1001266628.....132, 136, 140, 144, 148, 152, 156, 160, 164, 168, 172, 176, 180, 184, 188, 192, 819
1001236334.....377	1001244622..... 867	1001254472 553	1001266648.....530, 534, 823
1001236335.....377	1001244624..... 861	1001255133 467	1001266807.....888
1001236386.....199	1001244626..... 869	1001255807 886	1001266829.....485
1001236387.....200	1001244628..... 857	1001255901 777, 820	1001266874.....140
1001236389.....200	1001244630..... 863	1001256506 786	1001266875.....155, 159
1001236504.....737	1001244632..... 859	1001256879 274	1001266876.....132, 136, 156, 160, 180, 184
1001236505.....737	1001244634..... 865	1001257271 595, 599	1001266878.....172
1001236552.....553	1001244636..... 855	1001257272 595	1001266893.....131, 135
1001236746.....601	1001245049..... 47	1001257278 310	1001266894.....139
1001236747.....597	1001245913..... 304, 797	1001257412 310	1001266895.....179, 183
1001236871.....200	1001246142..... 886	1001257561 888	1001266896.....171
1001236891.....595, 597, 599, 601, 603	1001246473..... 886	1001257972 448, 811	1001267256.....291, 297, 310
1001236895.....595, 597, 599, 601, 603	1001246474..... 886	1001258800 303	
1001236951.....888	1001247013..... 277	1001258953 889	
1001237667.....819, 823	1001247073..... 888		
1001237668.....819, 823	1001247099..... 453		
1001237862.....837, 841	1001247100..... 455		
1001237863.....549, 841	1001247147..... 453, 455, 463		
	1001247358..... 49		
	1001247359..... 350, 356		
	1001247468..... 467		
	1001248012..... 463, 613		

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001267312 853, 855, 857, 859, 861, 863, 865, 867, 869	1001290252.....349	1671228.....195, 196, 199, 200, 203, 204	1703943 861
1001267678 . 89, 91, 101, 107	1060341 ... 587, 589, 591, 593	1671230.....196	1703944 865
1001267885 857	1060343 ... 440, 444, 448	1671231.....196, 200, 204	1703945 867
1001268736 887	1060379 ... 581, 583, 585	1671232.....196, 200, 204	1703947 869
1001269187 888	1060545 773	1671233.....195	1703948 863
1001269389 888	1060626 ... 245, 269, 340	1671314.....529, 533	1703949 861
1001269629 887	1060637 ... 243, 245, 281, 283, 285, 287, 343, 345	1700818.....871	1703950 865
1001269630 887	1060903 ... 587, 589, 591, 593	1701499.....853, 855, 857, 859, 861, 863, 865, 867, 869	1703951 867
1001269631 887	1060908 771	1701501.....853, 855, 857, 859, 861, 863, 865, 867, 869	1703953 853
1001270068 631	1060918 537	1701505.....243, 245, 265, 269, 273, 277, 871	1703959 ... 853, 855, 857, 859, 861, 863, 865, 867, 869
1001270069 645, 651, 657, 663	1062255 274	1701509.....575, 577, 579, 853, 855, 857, 859, 861, 863, 865, 867, 869	1703960 ... 853, 855, 857, 859, 861, 863, 865, 867, 869
1001270073 651, 658	10702077 . 432, 436, 440, 444, 448	1701518.....855, 859	1703980 865
1001270084 634, 639	10702082 . 432, 436, 440, 444, 448	1701542.....336, 340, 871	1703981 867
1001270089 681	10836804 . 132, 144, 160, 168, 183, 191	1701543.....336, 340, 871	1703982 861
1001270090 635, 640, 646, 652, 658, 664, 670	1120510 453, 455	1702565.....529, 533	1703983 869
1001270091 634, 640, 646, 652, 658, 664	1120555 ... 575, 577, 579	1702566.....529, 533	1703984 863
1001270093 669	1120601 ... 196, 199, 204, 209, 213, 221	1702567.....529, 533	1704000 863, 871
1001270096 664	1180346 471, 473	1702720.....871	1704001 869, 871
1001270099 200	1260017 55, 57, 83	1702773.....511, 521, 859, 871	1704260 529, 533
1001270482 888	1260135 59	1702774.....871	1704271 871
1001270517 887	1320011 277	1702788.....871	1704277 ... 853, 855, 857, 859, 861, 863, 865, 867, 869
1001270630 645, 670	1320016 254, 258	1702861.....871	1704412 ... 853, 855, 857, 859, 861, 863, 865, 867, 869
1001271642 888	1320022 ... 243, 245, 387	1702868.....573, 853, 871, 875, 879	1704578 55
1001271794 132, 136, 140, 144, 148, 152, 156, 160, 164, 168, 172, 176, 180, 184, 188, 192	1320061 ... 265, 270, 273, 277	1702938.....587, 589, 591, 593	1704885 871
1001272088 887	1320110 348, 354	1702941.....245, 269, 340	1704972 871
1001272112 670	1320127 49	1702942.....245, 269, 340	1705006 871
1001272182 888	1320176 243, 245	1702943.....245, 269, 340	1705012 871
1001272200 887	1320177 559, 562	1702944.....245, 269, 340	1705014 511, 521
1001272659 775	1320218 49	1703162.....254, 258, 290, 296, 302, 308, 348, 354	1705090 55
1001272997 777	1320220 49	1703175.....871	1705305 ... 573, 875, 877, 879
1001273012 775, 777	1320223 ... 101, 103, 105, 254, 258	1703479.....871	1705325 709, 711
1001276143 132, 136, 140, 144, 148, 152, 156, 160, 164, 168, 172, 176, 180, 184, 188, 192	1320224 243, 246	1703773.....853, 855, 857, 859, 861, 863, 865, 867, 869	1705336 853
1001276610 775	1320250 471, 473	1703797.....853	1705344 865
1001280403 132, 144, 160, 168, 184, 192	1320256 ... 739, 741, 743, 745, 747, 749, 751, 755	1703804.....853	1705345 867
1001280600 131, 135, 143, 147, 155, 159, 163, 167, 179, 183, 187, 191	1320288 469	1703805.....853	1705347 863
1001284686 853, 855, 857, 859, 861, 863, 865, 867, 869	1320289 469	1703811.....853, 855, 857, 859, 861, 863, 865, 867, 869	1705348 861
1001284872 89	1320302 ... 562, 567, 569, 573	1703814.....853, 855, 857, 859, 861, 863, 865, 867, 869	1705351 853
1001284873 91	1320318 ... 415, 419, 423, 427, 431, 435, 439, 443	1703923.....869	1705355 877, 879
1001284874 101	1321283 336, 340	1703924.....863	1705358 ... 575, 577, 579, 871
1001285677 . 97, 99, 105, 111	1321339 ... 243, 245, 265, 270, 273, 277, 336, 340	1703925.....861	1705368 872
1001285832 99	1321384 ... 196, 200, 204	1703926.....865	1705374 ... 424, 427, 731, 733, 835
1001285833 105	1380147 399, 401	1703927.....867	1705375 ... 441, 445, 448, 573, 879
1001285834 97	1580012 557	1703935.....869	1705387 ... 424, 427, 441, 445, 448
1001289593 779	1580013 888	1703936.....863	1705426 865
1001290021 195, 199, 203	1600244 889	1703937.....861	1705427 867
	1670603 729	1703938.....865	1705429 863
	1670842 ... 195, 199, 203, 209, 213, 221	1703939.....867	1705430 861
	1670844 453, 455	1703941.....869	1705460 ... 432, 436, 440, 445, 448
	1670850 453, 455	1703942.....863	1705461 432, 436
	1671034 463		1705489 ... 415, 419, 432, 436
	1671092 ... 440, 444, 448, 703		1705490 875
	1671093 ... 562, 569, 703		1705822 855, 859

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

1705828.....	855, 859	2131616 ...	634, 639, 645, 651, 657, 663, 669, 675	2220478	680	2717235.....	669, 676
1705836.....	871	2150406 ...	634, 639, 645, 651, 657, 663, 669, 675	2220490	680	2720015.....	290, 296, 308
1705837.....	871	2150606	669, 676	2220500	680	2720058....	243, 245, 350, 354, 387
1705886.....	871	2151616 ...	634, 639, 645, 651, 657, 663, 669, 675	2220501	680	2720144.....	49
1705895.....	857	2170306	669, 675	2220577	680	2720160.....	559, 562
1705896.....	857	2170350	669, 675	2220578 ...	634, 639, 645, 651, 657, 663, 669, 676	2720340....	290, 296, 302, 308
1705897.....	857	2170408 ...	645, 651, 657, 663, 669, 675	2220582 ...	634, 639, 645, 651, 657, 663, 669, 675, 680	2720398.....	254, 258
1705898.....	857	2170504 ...	634, 639, 645, 651, 657, 663, 669, 675	2220593	680	2720545.....	227, 229
1705902.....	857	2170506	639, 657, 663	2220596 ...	634, 639, 645, 651, 657, 663, 669, 675, 680	2750532....	243, 245, 266, 270, 273, 277
1705903.....	857	2170706	639, 657, 663	2220600	680	2751399....	634, 640, 646, 652, 658, 664, 670, 675
1705905.....	857	2170804	669, 675	2220602	680	2751500....	634, 640, 646, 652, 658, 664, 670, 675
1705910.....	869	2180348 ...	243, 245, 350, 356, 387	2220603	680	2752434....	635, 640, 646, 652, 658, 664, 670, 675, 681
1705917.....	869	2180387	49	2220605	680	2752461.....	681
1705921.....	855, 859	2180388	49	2220671 ...	634, 639, 645, 651, 657, 663, 669, 676	2752466.....	670, 676
1705961.....	855, 859	2180389	49	2220737	680	2752468.....	681
1705967.....	857, 871	2180418	49, 336, 340, 350, 356	2220750	227, 229	2752484.....	681
1705968.....	861, 871	2180467	348, 354	2220765	680	2752489....	634, 640, 646, 652, 658, 664, 670, 676
1705969.....	867, 871	2180832 ...	265, 269, 273, 277, 559, 562	2220800 ...	634, 639, 645, 651, 657, 663, 669, 676	2752494.....	681
1705977	855, 857, 859, 861, 863, 865, 867, 869	2200222	91, 95, 99	2220816	387, 389	2752495....	635, 640, 646, 652, 658, 664, 670, 675
1705978.....	855, 859	2200233	101, 103	2220819	669, 676	2752723.....	681
1705980.....	872	2220237 ...	634, 639, 645, 651, 657, 663, 669, 675	2220852	680	2752754....	635, 640, 646, 652, 658, 664, 670, 675
1706059.....	871	2220238 ...	634, 639, 645, 651, 657, 663, 669, 676	2220883 39, 41, 607, 609, 611, 613, 615, 617, 623, 625, 627	680	2752766.....	681
1706060.....	871	2220252	227, 229	2220885 ...	607, 609, 613, 619, 625, 627	2752767.....	680
1706061.....	872	2220261	49, 350, 356	2220886 39, 41, 611, 615, 617, 623, 625, 627	680	2752768.....	681
1706062.....	871	2220313 ...	243, 245, 265, 269, 273, 277	2220888	39, 41	2752930.....	681
1706063.....	872	2220315 ...	290, 296, 302, 308	2220899	680	2752938....	635, 640, 646, 652, 658, 664, 670, 676
1706064.....	871	2220371 ...	634, 639, 645, 651, 657, 663, 669, 676, 680	2220940 ...	634, 639, 645, 651, 657, 663, 669, 676	2752978.....	681
1706098.....	871	2220373 ...	634, 639, 645, 651, 657, 663, 669, 675, 680	2220947	680	2752995.....	680
1706385.....	511, 521	2220374 ...	634, 639, 645, 651, 657, 663, 669, 676	2220950	680	2752997....	635, 640, 646, 652, 658, 664, 670, 675
1706510.....	585	2220375 ...	634, 639, 645, 651, 657, 663, 669, 675	2221024	49	2753008.....	681
1706957.....	57	2220377	680	2221034	680	2753010.....	681
1706960.....	57	2220380 ...	634, 639, 645, 651, 657, 663, 669, 675	2221036	680	2753118.....	681
2030010....	559, 562, 567, 569, 573	2220415	680	2221037	227, 229	2753123.....	681
2060025.....	254, 258	2220418	49	2221086	680	2753126.....	680
2080040....	209, 213, 221, 495, 499, 501, 507, 513, 517	2220451 ...	254, 258, 634, 639, 645, 651, 657, 663, 669, 676, 680	2221176 ...	243, 245, 336, 340	2753189.....	681
2080072....	209, 213, 221	2220466 ...	634, 639, 645, 651, 657, 663, 669, 675, 680	2221197	49, 336, 340	2753190.....	680
2110404....	631, 634, 639, 645, 651, 657, 663, 669, 675	2220468 ...	634, 639, 645, 651, 657, 663, 669, 675, 680	2300016	31	2753191.....	681
2110406....	634, 639, 645, 651, 657, 663	2220472	680	2400060 ...	331, 555, 809, 811, 819, 820, 823	2753192.....	681
2110408....	631, 634, 639	2220473 ...	634, 639, 645, 651, 657, 663, 669, 676	2400064 ...	809, 811, 883	2753195.....	681
2110606....	631, 634, 639, 645, 651, 657, 663, 669, 675	2220478	680	2410014	511, 521	2753196.....	681
2110608....	639, 657, 663	2220479 ...	634, 639, 645, 651, 657, 663, 669, 676	2420203	403, 405, 409	2753197.....	681
2110808....	634, 639, 645, 651, 657, 663, 669, 675	2220480 ...	634, 639, 645, 651, 657, 663, 669, 675, 680	2460048	431, 439	2753199.....	681
2110812....	645, 651, 657, 663, 669, 675	2220481 ...	634, 639, 645, 651, 657, 663, 669, 676, 680	2460051	409	2753200.....	681
2111212.....	634, 639	2220482 ...	634, 639, 645, 651, 657, 663, 669, 675, 680	2460055	403	2753231.....	681
2111616....	634, 639, 645, 651, 657, 663, 669, 675	2220483 ...	634, 639, 645, 651, 657, 663, 669, 676, 680	2560136	529, 533	2753274.....	681
2120209.....	63, 65	2220484 ...	634, 639, 645, 651, 657, 663, 669, 675, 680	2560187 ...	210, 214, 222	2753442.....	680
2120210.....	63, 65, 883	2220485 ...	634, 639, 645, 651, 657, 663, 669, 675, 680	2580024	245, 269, 340	2753542....	645, 651, 658, 664, 670, 675
2130406....	645, 651, 657, 663, 669, 675	2220486 ...	634, 639, 645, 651, 657, 663, 669, 675, 680	2580062	259	2753544.....	669
2130604....	645, 651, 657, 663, 669, 675	2220487	680	2600209	196, 200, 204	2753622....	634, 639, 645, 651, 657, 663
2130606....	634, 639, 645, 651, 657, 663, 669, 676	2220488 ...	634, 639, 645, 651, 657, 663, 669, 676, 680	2600233	196, 200, 204	2753626....	645, 652, 658, 663, 670, 675
2130808....	634, 639, 645, 651, 657, 663, 669, 675	2220489 ...	634, 639, 645, 651, 657, 663, 669, 676, 680	2600244	195, 199, 203	2753628....	645, 664, 670
		2220490	680	2600281 ...	495, 499, 501, 507, 513, 517		

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

2753634 ... 645, 652, 658, 663, 670, 675	3020021 333	159, 163, 167, 171, 175, 179, 183, 187, 191	209, 213, 221, 471, 473, 530, 534, 553
2753635 634, 639	3020029 81	3300353.... 131, 135, 139, 143, 147, 151, 155,	3311602 471, 473
2753656 ... 639, 657, 664	3020039 17, 19, 21	159, 163, 167, 171, 175, 179, 183, 187,	3311605... 49, 89, 91, 93, 95, 97, 99, 101, 103,
2753686 ... 645, 651, 657, 663	3160347 29, 39	191, 529, 533	105, 113, 125, 127, 129, 195, 196, 199,
2753688 634, 639	3160348 31, 33, 41	3300364.... 209, 213, 221	203, 204, 209, 213,
2753727 670, 675	3200401 ... 255, 259, 290, 296, 302, 308, 391, 393	3300396.... 423, 428, 432, 436, 440, 444, 448	221, 229, 243, 245, 254, 258, 290, 296,
2753732 639, 657, 664	3200406 254, 258	3300408.... 131, 135, 139, 143, 147, 151, 155,	302, 308, 325, 327, 329, 336, 340, 389,
2753753 669	3250030 210, 214	159, 163, 167, 171, 175, 179, 183, 187,	391, 393, 399, 403, 413, 463, 469, 471,
2753879 639, 657, 664	3250872 55	191, 225, 523	473, 511, 521, 525, 527, 562, 567, 569, 573
2753970 646, 664, 670	3251102 ... 403, 405, 409, 413, 415, 419, 423, 427	3300430 551	3311705... 403, 405, 409, 413
2753971 ... 645, 651, 657, 663, 669	3251242 ... 713, 715, 717, 719, 721, 723, 725, 727, 729, 871	3310401.... 290, 296, 308	3311801 31, 243, 245, 281, 283, 285, 287,
2754242 634, 640	3251243 ... 403, 409, 424, 427, 441, 445, 448, 853, 857, 863, 865, 869	3310601..... 399, 401	405, 415, 419, 424, 427, 431, 435, 440,
2754243 634, 640	3251813 871	3310605..... 487	443, 483, 485
2754337 ... 634, 639, 645, 651, 657, 663	3252347 853	3310801..... 483, 485	3311805 ... 254, 258, 343, 345, 391, 393, 399, 401
2754338 ... 645, 651, 658, 663	3252507 413	3310805..... 49	3312001 59
2754512 646, 664, 670	3252764 ... 431, 435, 439, 443, 447	3311001.... 195, 196, 199, 200, 203, 204, 325, 327, 329, 432, 436, 440, 444, 448	3312002 75, 595, 597, 599, 601, 603
2754720 651, 658, 675	3271601 200	3311005.... 403, 405, 409, 413, 424, 427, 431, 436, 440, 444, 447, 529, 533, 559, 562, 567, 569, 573	3312005 575, 577, 579
2754743 651, 658, 675	3271605 ... 595, 597, 599, 601, 603	331140155, 57, 587, 589, 591, 593	3312205 575, 577, 579
2780229 29, 35	3271805 85, 87, 511, 521	3311405.... 113, 125, 127, 131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191, 195, 199, 203, 209, 213, 221, 227, 229, 237, 239, 243, 246, 249, 251, 254, 258, 265, 269, 273, 277, 281, 283, 285, 287, 290, 296, 302, 308, 336, 340, 343, 345, 395, 397, 415, 419, 475, 477, 483, 485, 487, 525, 527, 553, 709, 711, 713, 715, 717, 719, 721, 723, 725, 727, 729, 737, 767, 769	3312602 ... 231, 233, 235
2792700 57	3272001 ... 595, 597, 599, 601, 603	3311501.... 196, 199, 204, 209, 213, 221, 587, 589, 591, 593	3321501 196, 199, 204
2820019 801	3290405 ... 336, 340, 555, 709, 711, 713, 715, 717, 719, 721, 723, 725, 727, 729	3311505... 29, 31, 33, 101, 103, 105, 195, 199, 203, 210, 214, 222, 254, 258, 290, 296, 302, 308, 435, 443, 447, 475, 477, 581, 583, 585	3322201 85, 87
2820031 ... 403, 405, 409, 413, 415, 419, 423, 427, 432, 435, 440, 443, 447, 757, 759	3290505 336, 340, 413	3311508.... 423, 427, 431, 439	3340764 469
2820035 331	3290601 ... 210, 214, 222, 348, 354, 367, 409, 447	3311601.... 89, 91, 93, 95, 97, 99, 195, 199, 203,	3340828 461
2820118 ... 757, 759, 761, 763	3290605 ... 132, 136, 140, 144, 148, 152, 156, 160, 164, 168, 172, 176, 180, 184, 188, 192, 348, 354, 559, 562		3340835 453, 455, 461
2820233 196	3290606 ... 497, 503, 505, 509, 515, 519		3340838 625
2820234 196	3290607 ... 233, 235, 348, 354		3340840 469
2820235 196	3290801 ... 308, 336, 340, 348, 354		3340859 471, 473
2820247 837, 841	3290805 348, 354, 737		3340871 457, 459
2840016 399, 401	3290806 467		3340881 461
2860012 403	3291001 348, 354, 467		3340941 469
2860030 ... 131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191, 883	3291005 ... 292, 298, 302, 308, 348, 354, 467		3340943 469
2900708 63, 65	3291007 401		3340956 575, 577, 579
2900756 31, 33	3291201 ... 348, 354, 410, 447, 467		3340966 25
2900792 ... 609, 611, 613, 615, 617	3291205 467		3380434 525, 527
2902212 575, 577, 579	3300007 29, 31, 33		3380444 195, 199, 203
2902217 562, 567, 569	3300151 ... 493, 497, 503, 505, 507, 509, 515, 517, 519, 562, 567, 569, 573		3380535 489
2902396 887	3300205 ... 131, 135, 139, 143, 147, 151, 155,		3420292 55, 57
2902443 781, 785, 789			3420372 59
2910887 886			3420447 59
2915094 81, 889			3421453 559, 562
2915228 888			3421565 83
2920028 ... 529, 533, 587, 589, 591, 593			3422417 23, 25, 27
2920029 ... 529, 533, 587, 589, 591, 593			3422446 ... 243, 245, 265, 269, 273, 277, 336, 340
2920129 823			3422457 457, 459
2920161 231			3422532 ... 249, 251, 281, 283, 285, 287, 343, 345
2940045 209, 213, 221			3422561 453, 455
2940074 ... 495, 499, 501, 507, 513, 517, 883			3422583 453, 455
2940088 196, 200, 204			3422661 581, 583, 585
2940173 210, 214, 221			3422681 453, 455
2940188 196, 199, 204			3422683 453, 455
			3422684 453, 455
			3422685 453, 455
			3422686 453, 455

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

3422687.....453, 455	3580317 ... 415, 419, 424, 427, 432, 435, 440, 443, 447	3910606 ... 424, 427, 439, 443, 447, 731, 733, 835	4070411.....195, 199, 203
3422688.....453, 455		3910608 399, 401	4070412.....195, 199, 203
3422689.....453, 455	3580318 ... 424, 427, 440, 443	3910610 699, 701	4070450.....59
3422690.....457, 459		3910804 ... 131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191	4070560.....59
3422729.....453, 455	3580319 ... 415, 419, 432, 435	3930606 487	4070561.....59
3422790.....23, 25, 27	3580320 ... 290, 296, 415, 424, 432, 440	3930816 489	4070585.....403
3422848.....25	3580324 409	3930820 485	4070863.....457, 459
3422860.....463	3600386 113, 227, 229	3930824 483, 485	4070864.....457, 459
3422861.....463	3641569 587, 589	3931016 ... 423, 427, 431, 435, 439, 443, 447	4070878.....17, 19, 21
3422867.....463	3720021 227, 229	3931408 551	4070879.....17, 19, 21
3430616.....530, 534	3740049 ... 131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191, 883	3931424 229	4070897.....457, 459, 461
3430816.....399, 401	3740067 ... 254, 258, 265, 269, 273, 277, 336, 340, 882, 883	3931432 ... 290, 296, 302, 308, 483, 485	4070898.....457, 459, 461
3450404.....399, 401	3740080 ... 254, 258, 403, 405, 409, 413, 447, 882, 883	3931436 483, 485	4070929.....461
3460334.....575, 577, 579	3740086 843, 883	3931448 625	4070944.....17
3470003.....530, 534	3760133 457, 459	3931464 483	4070945.....17
3520026.....529, 533	3760170 59, 83	3931512 ... 290, 296, 302, 308	4070967.....461
3520027.....529, 533	3790012 ... 336, 340, 525, 527, 529, 533, 545, 547	3931620 609, 619	4070968.....461
3520028.....403, 405, 409	3790044 ... 249, 251, 281, 283, 285, 287, 343, 345	3931628 290, 296	4070969.....469
3520030.....221	3820001 55, 583, 853, 855, 857, 859, 861, 863, 865, 867, 869	3931640 348, 354	4070991....131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191
3520031....131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191	3820020 ... 495, 499, 501, 507, 513, 517	3931664 625	4071007.....461
3520034.....463	3841143 ... 243, 245, 265, 269, 273, 277, 336, 340, 453, 455, 457, 459, 463, 467	3952020 75	4071052.....469
3520035....131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191, 483, 485, 489	3841287 . 17, 19, 21, 453, 455	3960389 ... 195, 199, 203, 209, 213, 221, 243, 245	4071059.....25
3520054....254, 258, 310, 529, 533	3841340 63, 65, 463, 471, 473	3960407 254, 258	4071122.....336, 340
3520071....575, 577, 579	3841356 453, 455	3960422 ... 424, 427, 439, 443, 447, 699, 701, 731, 733, 835	4100026.....669, 675
3520072....493, 495, 497, 499, 501, 503, 505, 507, 509, 511, 513, 515, 517, 519, 521	3841406 469	3960438 196, 200, 204	4100062.....680
3520189.....432, 436	3841520 23, 25, 27	3960453 195	4120035.....823
3520192.....432, 436	3900054 511, 521	3960462 196, 200, 204	4160139....195, 199, 203
3520198....493, 495, 497, 499, 501, 503, 505, 507, 509, 513, 515, 517, 519	3900085 231, 233, 235	3960464 196, 200, 204	4160143....195, 199, 203
3537445.....399	3900210 ... 209, 210, 213, 214, 221, 222	3960468 ... 254, 258, 281, 283, 285, 287	4160194....209, 213, 221
3537446.....399, 401	3900232 ... 195, 196, 199, 200, 203	3960469 ... 254, 258, 281, 283, 285, 287, 343, 345	4240018....405, 413, 415, 419, 423, 427, 431, 435, 439, 443, 731, 733, 835
3538047.....17, 19, 21	3900239 453, 455	3960470 195, 199, 203	4240032....233, 235, 775
3539877.....17	3900259 457, 459	3960526 29, 31, 33	4240033....233, 235, 265, 269, 277, 549, 551, 553
3570775.....625	3900262 471, 473	3980007 ... 245, 269, 340	4240099....273, 290, 296, 302, 308, 331, 337, 340, 348, 354, 409, 562, 567, 569, 587, 589, 591, 593
3570928.....483, 485	3900268 ... 131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191	3990010 819, 882	4240113....89, 91, 93, 95, 97, 99
3571712.....195	3900283 469	4010608 559, 562	4240149....575, 577, 579
3572423.....101, 103, 105	3900293 75	4010618 ... 497, 503, 505, 509, 515, 519	4280296.....51, 53
3572606.....483, 485	3900316 ... 204, 209, 213, 221	4031505 549	4300157....415, 424, 431, 440
3572607.....483, 485	3900349 529, 533	4031516 553	4340706.....461
3573400....562, 567, 569, 573	3900363 210, 214, 222	4031608 413	4340747.....227
3573642....562, 567, 569, 573	3910408 290, 296, 308	4031711 348, 354	4360057....587, 589, 591, 593, 884
3574091.....591, 593		4031914 ... 290, 296, 302, 308	4360070....423, 428, 432, 436, 440, 444, 448, 882
3575359.....587, 589		4032014 290, 296	4360274....171, 175, 884
3575874.....227, 229		4032015 ... 415, 423, 431, 440	4360328.....545, 884
3576755....101, 103, 105		4060092 701	4360331....525, 527, 547, 884
3576799.....559, 562		4060802 ... 403, 405, 409, 413, 415, 419, 423, 427, 431, 435, 439, 443, 447	4360336....336, 340, 403, 405, 409, 413, 415, 419, 423, 427, 431, 435, 439, 443, 447, 884
3577121....562, 567, 569, 573		4060805 ... 254, 258, 290, 296, 302, 308, 350, 356, 469, 483, 485	4360387....139, 151, 171, 175, 529, 533, 587, 589, 591, 593, 884
3580134.....413		4070410 195, 199, 203	
3580158.....403, 413			
3580276.....403, 405			
3580314.....447			

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

4360407 529, 533, 882	4460234 ... 529, 533, 587, 589, 591, 593	175, 179, 183, 187, 191, 529, 533	4460877 819
4360436 ... 89, 91, 93, 95, 97, 99, 101, 103, 105, 884	4460247 785, 790	4460471.... 131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191, 529, 533	4460878 819
4360469 ... 131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191, 884	4460259 ... 555, 781, 793, 819, 823	4460473.... 757, 759, 761, 763	4460879 555, 823
4360475 ... 131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191, 529, 533, 884	4460260 ... 555, 781, 793, 819, 823	4460488.... 131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191, 233, 235	4460880 783, 793
4360476 ... 131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191, 529, 533, 882	4460265 539, 542	4460496.... 131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191	4460884 ... 485, 555, 789, 819, 845
4360498 483, 485, 884	4460267 823	4460497.... 131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191	4460887 ... 555, 781, 783, 793, 819, 823
4360499 483, 485, 884	4460268 ... 783, 799, 801, 847	4460508.... 549, 757, 759, 819, 823	4460888 823
4360517 85, 87, 884	4460294 419	4460509.... 757, 759, 761, 763	4460891 ... 735, 741, 751, 765, 786, 795, 820, 847, 849
4360542 ... 403, 405, 409, 882	4460297 819	4460510..... 889	4460894 ... 785, 789, 819, 823
4360578 ... 483, 485, 489, 884	4460312 781, 793	4460518..... 735	4460897 ... 741, 751, 781, 783, 786, 793, 795, 847
4400275 49	4460313 ... 781, 783, 793, 819	4460526.... 131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191	4460899 ... 783, 839, 843, 845
4420014 575, 577, 579	4460315 699, 701	4460536.... 819, 823, 849	4460905 819, 823
4420037 ... 562, 567, 569, 573	4460320 819	4460539.... 781, 783, 789, 793, 823, 847, 849	4460910 485, 837
4420038 ... 89, 91, 93, 95, 97, 99, 101, 103, 105	4460321 409	4460612.... 731, 733, 835	4460911 820, 839
4420051 55, 57, 853, 855, 857, 859, 861, 863, 865, 867, 869	4460346 ... 424, 427, 439, 443, 447, 699	4460633..... 227, 229	4460928 735
4420060 413, 489	4460374 781, 803	4460634..... 823	4460930 785, 789
4420062 581, 583, 585	4460375 781	4460635..... 823	4460931 783
4420066 ... 575, 577, 579	4460418 819, 823	4460670..... 781, 803	4460932 ... 555, 777, 785, 790, 795
4420068 ... 587, 589, 591, 593	4460419 819, 823	4460701..... 817	4460933 735, 819, 823
4460007 529, 533	4460424 ... 781, 783, 793, 847	4460703..... 785, 790	4460941 795, 839
4460016 823	4460425 ... 423, 428, 432, 436, 440, 444, 448, 587, 589, 591, 593, 731, 733, 835	4460708.... 529, 533, 823	4460942 ... 549, 785, 789, 795
4460019 ... 779, 781, 783, 790	4460426 ... 131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 175, 179, 183, 187, 191, 423, 428, 432, 436, 440, 444, 448	4460722..... 331	4460943 ... 759, 819, 823, 839
4460027 403, 405, 409	4460428 227, 529, 533	4460738..... 783, 793	4460944 ... 759, 781, 783, 785, 789, 793, 819, 823
4460042 785, 789	4460434 819, 823	4460742.... 803, 805, 809, 811	4460945 790, 819
4460043 ... 331, 781, 785, 790, 803, 805, 809	4460457 ... 781, 783, 793, 803, 811	4460743..... 805, 809	4460956 771, 773
4460049 ... 587, 589, 591, 593	4460458 ... 781, 783, 785, 789, 793, 803, 805, 809, 811	4460746..... 789	4460957 771, 773
4460051 699, 701	4460464 ... 537, 555, 735, 741, 751, 757, 759, 777, 781, 783, 793, 795, 819, 823, 843, 845, 849	4460748..... 789	4460958 733, 835
4460071 ... 424, 427, 440, 443, 447, 537	4460465 ... 485, 555, 735, 741, 751, 757, 759, 761, 763, 781, 783, 785, 786, 789, 790, 793, 799, 801, 805, 807, 809, 811, 813, 819, 823, 845, 847, 849	4460761.... 529, 533, 819	4460962 562, 569, 703
4460125 701	4460466 ... 549, 555, 735, 757, 759, 761, 763, 783, 785, 789, 790, 819, 823, 839, 843, 845, 847	4460806.... 717, 719, 721, 723, 819, 823	4460963 ... 440, 444, 448, 703
4460134 815	4460467 889	4460807..... 799, 801	4460967 ... 805, 807, 809, 811, 813
4460142 781, 819	4460470 ... 131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171,	4460808..... 799, 801	4460968 ... 413, 483, 485, 489
4460183 823		4460865.... 757, 759, 761, 763	4460971 559, 562
4460190 403, 405, 409		4460866.... 757, 759, 819, 823	4460979 781, 793
4460205 699, 815		4460868..... 819	4461005 781
4460224 419, 529, 533		4460871.... 781, 783, 793, 819, 823, 847, 849	4461006 781
4460225 799, 801, 823		4460872..... 819	4461008 781, 786, 789
4460226 ... 529, 533, 537, 539, 542, 765, 781, 783, 793, 823		4460873..... 819, 823	4461052 781
4460227 ... 529, 533, 819, 823		4460874..... 819, 823	4461053 781
4460233 701, 817		4460875..... 819, 823	4461054 781, 789, 795
		4460876..... 819	4461060 781
			4461070 735, 781
			4461071 785, 789
			4461073 781, 785, 789
			4461077 839, 843
			4461095 735, 781, 785
			4461157 781, 793
			4461196 825
			4461198 711, 825
			4461199 827
			4461201 715, 827
			4461205 829, 831
			4461244 719, 829
			4461245 723, 831

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

4461246.....727, 833	4711700 ... 290, 296, 302,	127, 129, 196, 199,	4891500....131, 135, 139,
4461249.....833	309, 387, 405, 409	200, 204, 209, 213,	143, 147, 151, 155,
4462641.....423	4711800 ... 304, 399, 401,	221, 233, 235, 243,	159, 163, 167, 171,
4520253.....43	415, 423, 431, 439,	245, 254, 258, 265,	175, 179, 183, 187,
4520256.....47	511, 521	269, 273, 277, 291,	191, 303, 409
4530028....562, 567, 569,	4712000 ... 575, 577, 579,	297, 303, 309, 336,	489160085, 87, 210, 214,
571	595, 597, 599, 601, 603	340, 391, 393, 403,	222, 399, 467
4567139.....680	4712200 575, 577, 579	413, 562, 567, 569, 573	4891800..29, 31, 33, 249,
4567757.....680	4740036 59	475180085, 87, 101, 103,	251, 281, 283, 285,
4568119.....101, 103, 105	4740057 75	105, 227, 229, 243,	287, 291, 297, 303,
4640261.....55, 57	4740076 195, 199, 203	245, 281, 283, 285,	309, 343, 345, 399,
4640509....611, 613, 615,	4740119 399	287, 343, 345, 511,	401, 405, 419, 427,
617	4740155 25	521, 587, 589, 591, 593	435, 443
4640605.....609, 611, 617	4740256 23, 25, 27	4752000 ... 243, 245, 265,	4892000....29, 31, 33, 81
4640751....290, 296, 302,	4740274 ... 254, 258, 391,	269, 273, 277, 336, 340	4892200.....19, 21
308	393	4760600 699, 701	4892600001.....467
4640780.....680	4740362 525, 527	4761000 196, 199, 204	4921829.....410, 815
4640858.....607	4740397 ... 131, 135, 139,	4761400 557	4921955.....817
4640866.....63, 65	143, 147, 151, 155,	4761600 113, 525, 527	4922216.....739
4640932.....609	159, 163, 167, 171,	4762000 59	4922217.....739
4641022.....101, 103, 105	175, 179, 183, 187,	4770600 399, 401	4922219.....741, 743
4641032.....627	191, 403, 413, 529, 533	4791400 ... 254, 258, 415,	4922220.....741, 743
4641033.....623, 625	4740439 463	419, 423, 427, 431,	4922576....739, 741, 743,
4641122.....43, 45, 47	4740444 171, 175	435, 440, 443	747, 749, 751, 755, 761
4641303.....31, 33	4740463 23, 25, 27	4811400 ... 555, 709, 711,	4922578....739, 741, 743,
4641317.....63, 65	4740472 17, 19, 21	713, 715, 717, 719,	747, 749, 751, 755
4641435.....483, 485	4740473 23, 25, 27	721, 723, 725, 727, 729	4922579.....741, 751
4711000....325, 327, 329,	4740500 196, 200, 204	4811600 413	4922580.....741, 751
405, 432, 436, 440,	4740518 ... 131, 135, 139,	4811700 ... 132, 136, 140,	4922641....403, 406, 409,
444, 448	143, 147, 151, 155,	144, 148, 152, 156,	413, 428, 432, 435,
471140063, 65, 117, 131,	159, 163, 167, 171,	160, 164, 168, 172,	441, 443, 449
135, 139, 143, 147,	175, 179, 183, 187, 191	176, 180, 184, 188,	4922666.....529, 533
151, 155, 159, 163,	4750400 290, 296, 309	192, 233, 235, 348,	4922925....432, 435, 440,
167, 171, 175, 179,	4750800 49	354, 367, 409, 447,	443, 447, 801
183, 187, 191, 227,	4751000 ... 196, 199, 200,	497, 503, 505, 509,	4923379.....254, 258
229, 237, 239, 243,	203, 204, 231, 233,	515, 519, 559, 562	4923445.....410, 803
245, 254, 258, 265,	235, 403, 409, 413,	4811702 ... 291, 297, 303,	4923485.....745
269, 273, 277, 290,	424, 427, 432, 435,	309, 365	4923486.....745
296, 302, 308, 336,	440, 443, 447, 529,	4811900 ... 291, 297, 303,	4923487.....745, 753
340, 395, 397, 415,	533, 559, 562, 567,	309, 336, 340, 348,	4923489....745, 753, 763
419, 423, 427, 431,	569, 573	354, 365, 367, 467, 737	4933218.....587, 591
435, 439, 443, 447,	4751400 . 51, 55, 57, 125,	4811902 ... 292, 298, 303,	5240800....292, 298, 303
475, 477, 493, 497,	127, 131, 135, 139,	309, 348, 354, 367	5241000.....348, 354
503, 505, 507, 509,	143, 147, 151, 155,	4812000 ... 266, 270, 277,	5241200....348, 354, 447,
515, 517, 519, 551,	159, 163, 167, 171,	291, 297, 303, 309,	467
553, 709, 711, 713,	175, 179, 183, 187,	336, 340, 348, 354,	5250605.....365, 367
715, 717, 719, 721,	191, 196, 199, 203,	367, 401, 409, 467	5250810.....292, 298
723, 725, 727, 729,	209, 210, 213, 214,	4812002 348, 354, 359	5251008.....467
767, 769	221, 222, 249, 251,	4812100 ... 265, 269, 273,	5251010.....303
4711500..29, 31, 33, 101,	281, 283, 285, 287,	277, 291, 297, 303,	5251016.....467
103, 105, 210, 214,	290, 296, 302, 309,	309, 367, 467	5251210.....273
222, 290, 296, 302,	336, 340, 343, 345,	4812200 ... 254, 258, 291,	5260600.....365, 367
309, 435, 443, 447,	483, 485, 487, 489,	297, 303, 309, 391,	5272010.....350, 354
475, 477, 485	525, 527, 529, 533,	393, 409	70000017.....889
4711600....17, 19, 21, 63,	557, 562, 567, 569,	4843777 59	70000044.....261
65, 196, 200, 204, 229,	573, 587, 589, 591,	4844816 463	70000123.....413
254, 258, 265, 269,	593, 737	4844817 463	70000342.....465
273, 277, 325, 327,	475150055, 57, 119, 121,	4844958 83	70000345..262, 313, 317,
329, 336, 340, 387,	196, 199, 203, 209,	4845582 581, 583, 585	323
389, 405, 415, 419,	213, 221, 290, 296,	4845593 453, 455	70000619..432, 435, 440,
424, 427, 432, 435,	302, 309, 403, 405,	4845680 471, 473	443, 447
440, 443, 457, 459,	413, 423, 427, 432,	4845730 469	70000781.....29
461, 469, 471, 473,	439, 581, 583, 585,	4846627 ... 562, 567, 569,	70000795.....39
530, 534, 595, 597,	587, 589, 591, 593	573	70000797.....41
599, 601, 603, 739,	4751600 ... 49, 51, 53, 89,	4846673 591, 593	70000800.....262
741, 743, 745, 747,	91, 93, 95, 97, 99, 101,	4860225 43, 45	70000863..431, 435, 439,
749, 751, 753, 755	103, 105, 113, 125,	4871700 448	444, 448

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

70000912	261	7000228	78	70004037	78	70004507	313, 321
70000913	261	7000229	78	70004040	78	70004508 ..	313, 317, 321
70000914	261	70002290	431, 439	70004041	78	70004509	313, 321
70000915	261	70002291	436, 444	70004042	78	70004510	313, 321
70000916	261	70002297 ..	431, 435, 439,	70004043	78	70004511	322
70000917	261		444, 448	70004044	78	70004513	322
70000918	261	7000230	78	70004045	78	70004584	67, 71
70000919	261	70002386 ..	479, 481, 882	70004047	78	70004594	67, 71
70001002	261	7000239	37	70004050	67, 71	70004595	67, 71, 882
70001100 ..	431, 435, 439,	70002390	29	70004051	67, 71	70004596	67, 71
	444, 448	7000240	37	70004052	67	70004597	67, 71
70001181	262	70002415	262	70004055	67, 71	70004598	67, 71
70001248	85	70002416	262	70004056	261	70004653	67, 71, 882
70001384 ..	431, 435, 439,	70002417	262	70004058	261, 882	70004657	67, 71
	444, 448	7000246	78	70004060	261	70004665	67, 71
70001385	431, 439	70002460 ..	431, 436, 439,	70004092 ..	415, 419, 423,	70004667	67, 71
70001424	565		444, 447		427, 436, 444	70004670	71
70001425	565	7000247	78	70004094	436, 444	70004671	72
70001427	565	7000248	78	70004098 ..	423, 428, 436,	70004673	72, 882
70001428	565	7000253	78		444	70004676 ..	415, 419, 423,
70001429	565	7000255	78	70004099 ..	419, 427, 436,		427
70001430	565	7000257	78		444	70004677	415
70001431	565, 882	7000265	35	70004125	123	70004678 ..	415, 419, 423,
70001432	565, 884	70002715 ..	101, 103, 105	70004149 ..	101, 103, 105		427
70001435	261	70002716 ..	101, 103, 105	70004169 ..	431, 439, 448	70004679 ..	415, 419, 423,
70001663	113	70002718	262, 321	70004171 ..	415, 423, 448		427
70001696 ..	431, 439, 447	70002744	621	70004183	333	70004680 ..	415, 419, 423,
70001697	465	70002745	621	70004184	91, 95, 99		427
7000180	322	70002748	621	70004199	107, 109	70004681	415, 419
70001835	261	70002749	621	70004272	261	70004682 ..	415, 419, 423,
70001836	261	70002751	621	70004276 ..	314, 317, 323		428
70001837	261	70002814	109	70004277 ..	314, 318, 323	70004683	415, 419
70001841	261	7000283	37	70004279	313	70004684	423
70001844	262	70002838	107, 109	70004280	262, 321	70004685	423, 428
70001850	261	70002839	107, 109	70004282	323	70004686	419
70001866	261	7000284	37	70004287	261	70004687	427
70001868	261	70002842	607	70004289	262	70004738	539
70001870 ..	261, 313, 318,	7000289	37	70004329	369	70004739	539
	321	70002902	537	70004331	369	70004740	539
70001871	261	70002903	537	70004332	369	70004741	539
70001872	262	70002904	537	70004333	369	70004742	539
70001953 ..	431, 439, 448	70002905	537	70004336	369	70004743	539
70001954	371	70002948	227, 229	70004337	369	70004744	539
70001955	371	70003019	67	70004338	369	70004745	539
70001956	371	70003136	261	70004340	369	70004746	539
70001957	371	70003454	85, 87	70004342	369	70004747	539
70001966 ..	415, 419, 423,	70003464	261	70004343	369	70004748	539
	427, 431, 436, 439,	70003465	261	70004344	369	70004749	539
	444, 447, 448	70003466	261	70004345	369	70004750	539
70001973 ..	431, 436, 439,	70003472	261	70004346	369	70004751	539
	444, 448	70003475	261	70004347	369	70004752	541
70001974 ..	431, 436, 439,	70003478	261	70004348	369	70004753	541
	444, 448	70003631 ..	436, 444, 447	70004349	369	70004754	541
70002013	469	70003708 ..	415, 419, 423,	70004350	369	70004755	541
70002014	469		427, 431, 436, 439,	70004351	369	70004756	541
70002064	479, 481		444, 448	70004352	369	70004757	541
70002066	78	70003709 ..	415, 419, 423,	70004381	621	70004758	541
70002085	78		427, 431, 436, 439,	70004382	621	70004759	541
70002088 ..	431, 439, 448		444, 448	70004457	67, 71	70004760	541
70002112 89, 93, 97, 107,		70003784	529, 533	70004459	67, 71	70004761	541
	109	70003790	479	70004460	67, 71, 882	70004762	541
7000213	78	70003935	31, 33	70004461 ..	67, 68, 71, 72	70004763	541
7000217	78	70003936	31, 33	70004463	67, 71, 882	70004764	541
70002200	261	70003989	123	70004501	322	70004765	541
70002212	87	70003992	123	70004504	314, 317	70004766	541
70002234	261	70003993	123	70004505	313, 321	70004767	541
7000224	37	70004020 ..	254, 258, 882	70004506	313, 321	70004768	541

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

70004769.....	541	70006135.....	365	70006236.....	362	70006941.....	321
70004770.....	541	70006136.....	365	70006264.....	321	7000695.....	262
70004771.....	541	70006144..	313, 317, 321	70006265.....	321	70006955.....	67, 71
70004772.....	541	70006145.....	361	70006266.....	321	70006956.....	67, 71, 882
70004773.....	541	70006147.....	361	70006294.....	314	70006957.....	67, 71
70004774.....	542	70006150.....	361	70006304.....	78	70006959.....	71
70004775.....	542	70006151.....	361	70006344.....	627	70006960.....	71
70004795.....	107, 109	70006152.....	361	70006403.....	389	70006961.....	67, 71
70005008... 350, 355, 883		70006153.....	361	70006404.....	389	70006962.....	71
70005171.....	313	70006154.....	361	70006405.....	389	70006963.....	72
70005172... 313, 317, 321		70006155.....	361, 883	70006406.....	389	70007108.....	362
70005173.....	313, 321	70006157.....	361	70006407.....	389	70007246.....	611, 615
70005176.....	313	70006158.....	361	70006408.....	389	70007277.....	617
70005177.....	313, 322	70006159.....	361	70006409.....	389	70007278... 611, 615, 617	
70005181.....	322	70006160.....	361	70006410.....	389	70007279.....	617
70005184... 314, 317, 322		70006161.....	361	70006460.. 350, 355, 883		70007280.....	617
70005188.....	322	70006162.....	361	70006461.....	350, 355	70007282... 611, 615, 617	
70005189.....	322	70006163.....	361	70006479.....	627	70007283.....	617
70005191.....	314, 323	70006164.....	361	70006480.....	627	70007325.....	314
70005194.....	67, 71	70006165.....	361	70006552.. 415, 419, 423,		70007326.....	313
70005195.....	67, 71	70006166.....	361	428		70007331.....	314
70005196.....	67, 71	70006167.....	361	70006553.. 415, 419, 423,		70007354.....	313
70005197.....	67	70006168.....	361	428, 883		70007355.....	314
70005198.....	67, 71	70006169.....	361	70006642.....	609	70007419.....	617
70005199.....	68, 72	70006170.....	361	70006643.....	609, 619	70007420.....	617
70005200.....	68, 72	70006171.....	361, 883	70006644.....	609, 619	70007421.....	615
70005201.....	68, 72	70006172.....	361, 883	70006645.....	609	70007422.....	611, 615
70005202.....	68, 72	70006173.....	361	70006649.....	613	70007423.....	611, 615
70005203.....	78	70006174.....	361	70006650.....	613	70007424.....	615
70005232.....	72	70006175.....	361, 883	70006651.....	619	70007425.....	615
70005458.....	369	70006176.....	361, 883	70006652.....	314, 323	70007426.....	615
70005459.....	369	70006177.....	361	70006653.....	314, 323	70007427.....	611
70005460.....	369	70006178.....	361	70006668.....	619	70007428.....	611
70005461.....	369	70006179.....	361	70006669.....	625	70007429.....	611
70005462.....	369	70006180.....	361	70006670.....	625	70007430.....	611
70005463.....	369	70006181.....	361	70006671.....	625	70007489.....	314
70005464.....	369	70006182.....	361	70006672.....	625	70007508.....	89, 93, 97
70005465.....	369	70006183.....	361	70006673.....	37	70007514.....	623
70005527.....	314, 323	70006184.....	361	70006674.....	37	70007515.....	623
70005594.....	627	70006185.....	361	70006675.....	37	70007516.....	623
70005647.....	314, 323	70006186.....	361	70006676.....	37	70007517.....	623
70005648... 314, 323, 883		70006187.....	361	70006677.....	37	70007518.....	623
70005663.....	889	70006188.....	361	70006678.....	37	70007519.....	623
70005708.....	109, 882	70006189.....	361	70006680.....	37	70007520.....	623
70005916.....	262	70006191.....	361	70006684.....	37	70007521.....	623
70005917.....	262	70006194.....	361	70006685.....	37	70007522.....	623
70005920.....	313, 321	70006195.....	361	70006690.....	37	70007603.....	317
70005922.....	321	70006196.....	362	70006691.....	37	70007725.....	107
70005923.....	322	70006197.....	362	70006692.....	37	70007726.....	107
70005924.....	322	70006198.....	362	70006728.....	627	70007727.....	107
70005926.....	322	70006199.....	362	70006731.....	627	70009020.....	337, 341
70005928.....	322	70006200.....	362	70006733.....	627	7001928.....	37
70005929.....	314, 322	70006202.....	362	70006734.....	613	70021202.....	72
70005931... 314, 317, 322		70006203.....	362	70006735.....	613	70022564... 611, 615, 617	
70005932.....	323	70006205.....	362	70006736.....	613	70023380.....	611, 615
70005933.....	323	70006206.....	362	70006799.....	623	70023592.. 291, 297, 303,	
70005934.....	323	70006207.....	362	70006802.....	623	882, 883	
70005938.....	318, 321	70006208.....	362	70006832.....	37	70023593.. 291, 297, 303,	
70005941.....	313, 317	70006213.....	362, 883	70006833.....	37	882, 883	
70005942... 313, 317, 321		70006215.....	362	70006921.....	627	70023859.....	67, 71
70006093.....	435, 444	70006217.....	362	70006922.....	627	70023860.....	67, 71
70006094.....	436, 444	70006219.....	362	70006923.....	627	70023862.....	67, 71
70006095.. 436, 439, 444,		70006221.....	362	70006924.....	627	70024441.....	107
882		70006225.....	362	70006925.....	627	70024484.....	323
70006096.....	436, 444	70006232.....	362	70006926.....	627	70024488.....	321
70006097.....	436, 444	70006233.....	361	70006927.....	627	70024494... 313, 317, 321	
70006134.....	365	70006235.....	362	70006928.....	627	70024502.....	322

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

70024504	317	70025235	314, 322	7012965.....	479, 481	175, 179, 183, 187,
70024507 ..	314, 317, 323	70025239	313, 322	7012967.....	479, 481	191, 529, 533, 882
70024509	314, 323	70025240	322	7012970.....	475, 477	7020190 ... 403, 405, 409,
70024513 ..	313, 317, 321	70025242	314	7012989.....	479	413
70024517	313, 321	70025477	323	7016314.....	91, 95, 99	7020403..... 261
70024904 ..	313, 318, 321	70025660	321	7016319.....	231	7020408..... 261
70024905	313, 321	70025733	323	7016328.....	261, 882	7020465 ... 261, 313, 317,
70024906	313, 321	70025752	262	7016331....	261, 313, 317,	321
70024912	314	70025753	262		321, 882, 883	7020468..... 261
70024915	314, 323	70025788	314	7016372.....	231	7020471..... 262
70024916	317	70026210	314, 323	7016652.....	889	7020479..... 261
70024917	314, 323	70026287 ..	611, 615, 617	7016654.....	889	7020492..... 322
70024918	323	70026995	323	7016655.....	889	7021249..... 39, 41
70024920 ..	314, 322, 323	70027259	623	7017023.....	78	7021275..... 39, 41, 372
70024922 ..	314, 317, 323	70027750	617	7017028.....	37, 78	7021276..... 41
70024924	313, 321	70028185	321	7017047.....	37	7021277..... 39, 41
70024925 ..	313, 317, 321	7002821	889	7017051.....	35	7021375..... 67, 68, 71
70024961 ..	313, 317, 321	7002822	889	7017052.....	35	7021625..... 29, 31, 33
70025077	323	7002823	889	7017053.....	35	7021639..... 31, 33
70025082 ..	261, 262, 321	7002826	889	7017054.....	35	7021653..... 479
70025084	322	7002840	889	7017055.....	35	7022162..... 361
70025101	322	70028538 ..	314, 322, 323	7017056.....	35	7022302..... 39, 41
70025107	322	70028540	314	7017057.....	35	7022305..... 39, 41
70025109	322	70028802	322	7017058.....	35	7022310..... 41
70025111	313, 321	70029433	314	7017070.....	78	7022311..... 39, 41, 372
70025112	322	70029451	314	7017072.....	78	7022312..... 41
70025115	322	70029468	617	7017080.....	78	7022313..... 39
70025120	314, 323	70029512	317	7017082.....	37	7022314..... 39, 41, 372
70025124	322	70029517	314	7017085.....	78	7022318..... 371
70025130	317, 323	70029520	314	7017142.....	465	7022326..... 39, 41
70025132	323	70029557	313	7017159.....	465	7022328..... 39, 41
70025133	322	70029797	314, 317	7017162.....	465	7022368..... 39, 41
70025135	313, 321	70030359	318	7017163.....	465	7022371..... 39, 41
70025139	321	7004275	889	7017164.....	465	7022372..... 41
70025140	313, 321	7004276	889	7017172.....	465	7022397..... 29, 31, 33
70025142 ..	314, 317, 322	7004906	369	7017192.....	465	7022399..... 29, 31, 33
70025144	313, 321	7004907	369	7017195.....	465	7023907..... 41
70025145	313, 321	7004908	369	7017402.....	479, 481	7023908..... 41
70025146	313, 321	7007415	371, 372	7017406.....	29, 479, 481	7023910..... 39, 41
70025148	322	7007437	39, 41	7017452.....	479, 481	7023911..... 479, 481
70025151	314, 322	7007438	39, 41	7017466.....	63, 65	7023912..... 479, 481
70025152	313, 321	7007439	39, 41	7017492.....	29	7023917..... 31, 33
70025153 ..	313, 317, 882,	7007446	39, 41	7018942.....	68, 72	7023933..... 29, 31, 33
883		7007633	78	7018951.....	68, 72	7023947..... 371
70025154	313, 321	7010404	35	7018991.....	67, 71, 882	7023948..... 371
70025155	322	7010405	35	7018992.....	67, 71	7023949..... 371
70025158	322	7010406	35	7019680....	403, 405, 409	7023950..... 371
70025160	317	7010492	78	7020064.....	471, 473	7023951..... 371
70025161 ..	314, 317, 882,	7010543	63, 65	7020065.....	471, 473	7023952..... 371
883		7011112	609	7020066.....	471, 473	7023956..... 371
70025164 ..	313, 317, 323	7011333	483, 485	7020067.....	471, 473	7023957..... 371
70025175	322	7011342	483, 485	7020108....	403, 405, 409,	7023958..... 371
70025179 ..	313, 322, 323	70124410	262	413		7023960..... 371
70025180	322	70124440	262	7020109....	403, 405, 409,	7023961..... 371
70025181 ..	313, 317, 321	7012513 ...	403, 405, 409,	413		7023962..... 371
70025182	314, 322	413		7020110....	403, 405, 409,	7023964..... 371, 372
70025183	314, 322	7012514 ...	403, 405, 409,	413		7023965..... 371
70025184	314, 322	413		7020111....	403, 405, 409,	7023966..... 372
70025185	322	7012558	403, 405, 409	413		7023967..... 372
70025192	323	7012773	67, 71	7020175....	131, 135, 139,	7024021..... 67, 71
70025200	314, 322	7012914	479, 481	143, 147, 151, 155,		7024100..... 78
70025203	322	7012918	479, 481	159, 163, 167, 171,		7024149..... 37
70025205	313	7012941	63, 65	175, 179, 183, 187,		7024151..... 37
70025210 ..	314, 322, 883	7012944	63, 65, 882	191, 529, 533		7024154..... 37
70025212	314, 323	7012953 ...	475, 477, 479,	7020176....	131, 135, 139,	7024190..... 37
70025231	313, 323	481		143, 147, 151, 155,		7024191..... 37
70025233	323	7012959	63, 65	159, 163, 167, 171,		7024397..... 627

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

7024404.....85, 87	7026505 85, 87	7027095 243, 245	83304173.....107, 109
7024441.....109	7026506 85, 87	7027236 261	8405006....265, 269, 273,
7024462.....571	7026507 85, 87	7027276 261	277, 325, 327, 329,
7024463.....571	7026509 85, 87	7027404 362	348, 354, 389
7024467.....571	7026597 ... 431, 436, 439,	7027740 39	8405007....291, 297, 303,
7024469.....571, 884	444, 447	7027741 39	309
7024470.....571	7026626 ... 431, 436, 439,	7027773 571	8405009....291, 297, 303,
7024471.....565, 571	444, 448	7027774 571	309, 348, 355
7024472.....571	7026632 113	7027775 571	8405102.....348, 355
7024473.....571	7026633 113	7027776 571	8405104....291, 297, 303,
7024474.....571	7026634 113	7027777 571	309, 348, 355
7024475.....571	7026635 113	7027778 571	8405203.....348, 355
7024478.....571	7026636 113	7027779 571	8405204.....303
7024484.....431, 439	7026637 113	7027780 571	8406102....266, 270, 273,
7024485....431, 439, 447,	7026638 113, 884	7027781 227, 229	277, 291, 297, 309
882	7026639 113	7027782 227, 229	8406109....291, 297, 303,
7024488....432, 435, 440,	7026640 113	7027783 227, 229	309, 349, 355
443, 447	7026641 114	7027784 227, 229	8406110....291, 297, 303,
7024489....432, 435, 440,	7026642 114	7027790 261	309
443, 447	7026643 114	7027791 261	8406201....229, 337, 341,
7024508.....623, 625	7026644 114	7027792 261	350, 356
7024530.....565	7026645 114	7027795 262, 882	8410001.....349, 355
7024531.....565	7026646 114	7027796 262	8410009.....350, 356
7024532.....565	7026647 114	7027799 ... 431, 436, 439,	8410011....291, 297, 303,
7024533.....565	7026648 114	444, 447	309, 349, 355
7024534.....565	7026649 114	7027887 ... 403, 405, 409,	8410013....265, 269, 273,
7024535.....565	7026650 114	413	277, 291, 297, 303, 309
7024536.....565	7026651 113	77143013 . 131, 135, 139,	85031405.....304
7024537.....565	7026652 113	143, 147, 151, 155,	8580420.....51
7024561.....431, 439	7026653 113	159, 163, 167, 171,	85941018.....336, 340
7024579....262, 313, 321	7026654 113	175, 179, 183, 187, 191	8770050....634, 639, 645,
7024598.....399, 401	7026655 113	77363233 799, 801	651, 657, 663, 669, 676
7024704.....78	7026656 113	80344004 37	88261024.....475, 477
7024762.....78	7026658 114	80484084 785, 789	88261039.....204
7024763.....78	7026659 113	80934561 85, 87	88411013.....737
7024782.....37	7026660 113	80983191 . 785, 790, 882,	88521008.....483, 485
7024784.....78	7026661 113	883	88521205.....119, 121
7024844.....29	7027053 243, 245	8220051 795	88521214...595, 597, 599,
7024854.....41	7027084 ... 265, 269, 273,	8220115 785	601, 603
7024862.....39	278, 336, 341	8220164 779, 790	88662523...209, 213, 221
7024864.....372	7027085 ... 265, 269, 273,	8229242 ... 785, 790, 819,	8896941.....889
7024866.....372	278, 336, 341	882, 883	91143177.....680
7024867.....39, 371	7027086 ... 265, 270, 273,	8229249 555, 823, 883	91203039..467, 469, 483,
7024868.....41, 371	278, 336, 341	8270147 ... 243, 245, 265,	485
7024871.....39	7027087 ... 265, 270, 273,	269, 273, 278, 336, 341	91401281.....121
7024881.....29, 31, 33	278	8273291 350, 355	91403102..291, 298, 303,
7026188....431, 439, 447	7027088 ... 265, 270, 273,	8305401 348, 354	310, 882, 883
7026197.....85, 87	278, 336, 341	8307109 348, 354	91474405.....72
7026199....403, 405, 409	7027092 243, 245	8310070 209, 213, 221	
7026503.....85, 87	7027093 243, 245	8310129 575, 577, 579	
7026504.....85, 87	7027094 243, 245	8310548 348, 354	



**Corporate Office
JLG Industries, Inc.
1 JLG Drive
McConnellsburg, PA 17233-9533 USA
☎ (717) 485-5161 (Corporate)
☎ (877) 554-5438 (Customer Support)
📠 (717) 485-6417**

**Visit our website for JLG Worldwide Locations.
www.jlg.com**



OSHKOSH™