



Illustrated Parts Manual

Model
400S
460SJ

PVC
2201

P/N
31219193

July 15, 2023 - Rev D

ANSI



UK
CA

AS/NZS

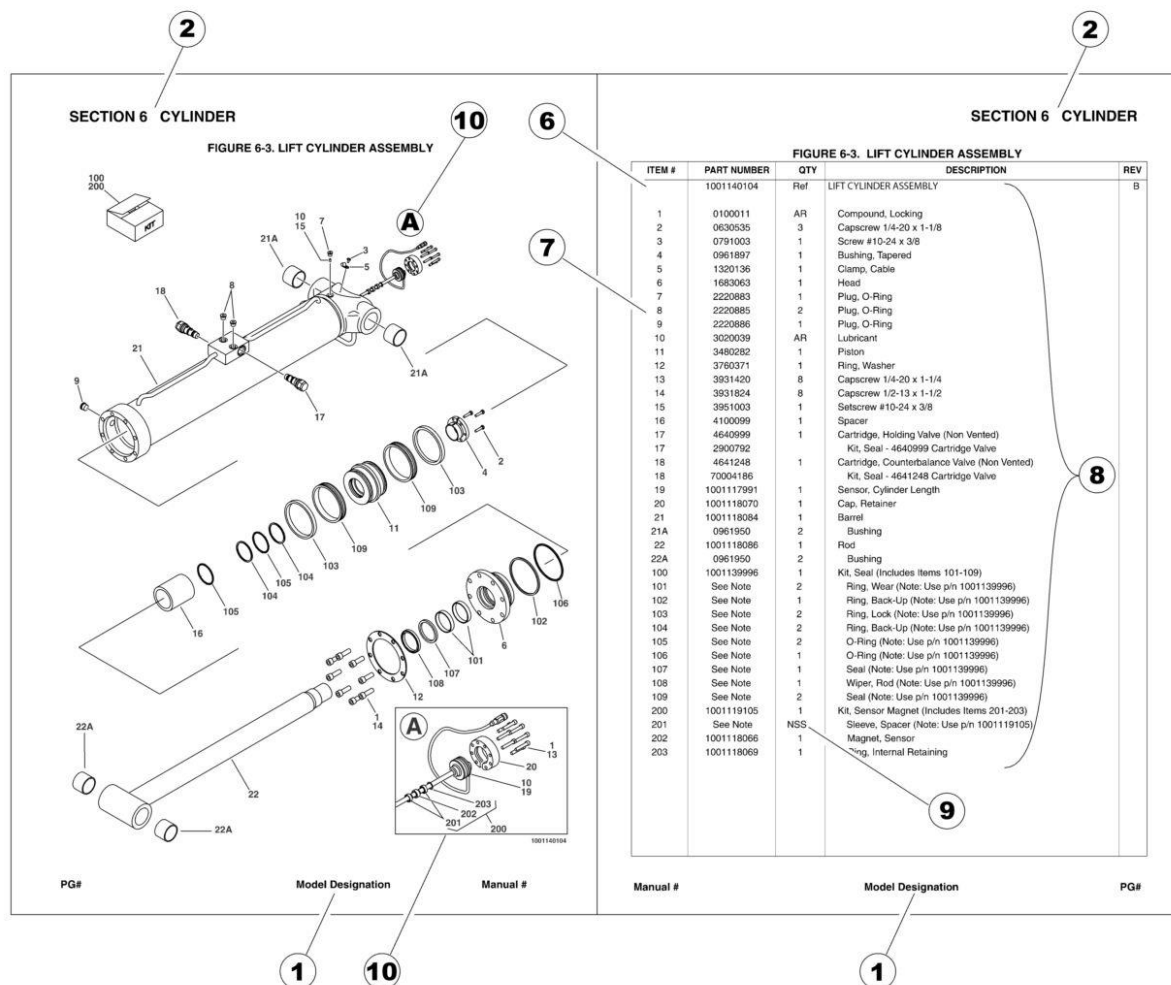


An Oshkosh Corporation Company

REVISION LOG

January 10, 2022 - A - Original Issue of Manual (Edited to 1001245658 Revision T)
July 11, 2022 - B - Revised Manual (Edited to B/M 1001245658 Revision U)
January 9, 2023 - C - Revised Manual (Edited to B/M 1001245658 Revision Y)
July 15, 2023 - D - Revised Manual (Edited to B/M 1001245658 Revision Y)

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.....	13
FIGURE 1-1. AXLE INSTALLATION	14
FIGURE 1-2. STEER INSTALLATION WITHOUT TOW PACKAGE	16
FIGURE 1-3. STEER INSTALLATION WITH TOW PACKAGE	18
FIGURE 1-4. WHEEL DRIVE INSTALLATION (2WD)	20
FIGURE 1-5. WHEEL DRIVE INSTALLATION (4WD)	22
FIGURE 1-6. DRIVE HUB AND BRAKE ASSEMBLY - REAR	24
FIGURE 1-7. DRIVE HUB ASSEMBLY - FRONT	28
FIGURE 1-8. HUB - SPINDLE ASSEMBLY (2WD)	30
FIGURE 1-9. DRIVE MOTOR ASSEMBLY (2WD)	32
FIGURE 1-10. DRIVE MOTOR ASSEMBLY (4WD)	34
FIGURE 1-11. TRACTION VALVE ASSEMBLY (2WD)	36
FIGURE 1-12. TRACTION VALVE ASSEMBLY (4WD)	38
FIGURE 1-13. TIRE AND WHEEL INSTALLATION - 12 X 16.5 FOAM FILLED (AVAILABLE ON ALL SPECS)	40
FIGURE 1-14. TIRE AND WHEEL INSTALLATION - 12 X 16.5 FF NON-MARKING (AVAILABLE ON ALL SPECS)	42
FIGURE 1-15. TIRE AND WHEEL INSTALLATION - 14 X 17.5 FOAM FILLED (AVAILABLE ON ALL SPECS)	44
FIGURE 1-16. TIRE AND WHEEL INSTALLATION - 33/16LL X 16.1 FOAM FILLED TURF (ANSI AND ANSI EXPORT SPECS)	46
FIGURE 1-17. TOW BAR INSTALLATION	48
FIGURE 1-18. TOW BAR ASSEMBLY	50
FIGURE 1-19. FRAME SHIELD INSTALLATION - WITHOUT TOW BAR	52
FIGURE 1-20. FRAME SHIELD INSTALLATION - WITH TOW BAR	54
FIGURE 1-21. LP TANK BRACKETS INSTALLATION	56
SECTION 2 - TURNTABLE	59
FIGURE 2-1. CONTROL VALVES INSTALLATION - 400S	60
FIGURE 2-2. CONTROL VALVES INSTALLATION - 460SJ	62
FIGURE 2-3. MAIN VALVE ASSEMBLY - 400S	64
FIGURE 2-4. MAIN VALVE ASSEMBLY - 460SJ	68
FIGURE 2-5. AXLE VALVE ASSEMBLY	72
FIGURE 2-6. AUXILIARY PUMP AND BATTERY WITH DISCONNECT SWITCH INSTALLATION	74
FIGURE 2-7. AUXILIARY PUMP AND BATTERY INSTALLATION	76
FIGURE 2-8. AUXILIARY PUMP ASSEMBLY	78
FIGURE 2-9. SWING DRIVE INSTALLATION	80
FIGURE 2-10. SWING HUB/MOTOR ASSEMBLY	82
FIGURE 2-11. TURNTABLE BEARING INSTALLATION	86
FIGURE 2-12. BEARING LUBE INSTALLATION	88
FIGURE 2-13. TURNTABLE LOCK INSTALLATION	90
FIGURE 2-14. TURNTABLE COVERS INSTALLATION	92
FIGURE 2-15. ROTARY COUPLING INSTALLATION	94
FIGURE 2-16. TANKS INSTALLATION - DIESEL MACHINES (WITH 17.3 GAL HYDRAULIC TANK)	96
FIGURE 2-17. TANKS INSTALLATION - DIESEL MACHINES (WITH 36 GAL HYDRAULIC TANK)	98
FIGURE 2-18. TANKS INSTALLATION - GAS MACHINES (WITH 17.3 GAL HYDRAULIC TANK)	100
FIGURE 2-19. TANKS INSTALLATION - GAS MACHINES (WITH 36 GAL HYDRAULIC TANK)	102
FIGURE 2-20. HYDRAULIC TANK ASSEMBLY - 17.3 GALLON	104
FIGURE 2-21. HYDRAULIC TANK ASSEMBLY - 36 GALLON	106
FIGURE 2-22. ELECTRICAL INSTALLATION - 400S	108
FIGURE 2-23. ELECTRICAL INSTALLATION - 460SJ	110
FIGURE 2-24. ELECTRICAL INSTALLATION - 460SJ WITH DEUTZ (STAGE V)	112
FIGURE 2-25. ELECTRICAL PANEL ASSEMBLY (WITH GROUND CONTROL MODULE 1001170094)	114
FIGURE 2-26. ELECTRICAL PANEL ASSEMBLY (WITH GROUND CONTROL MODULE 1001280340)	116
FIGURE 2-27. GROUND CONTROL ASSEMBLY - 400S	118
FIGURE 2-28. GROUND CONTROL ASSEMBLY - 460SJ	120
FIGURE 2-29. GROUND CONTROL ASSEMBLY - DEUTZ (STAGE V) (460SJ) (CE & UK CA SPECS)	122
FIGURE 2-30. GROUND CONTROL MOUNTING - 400S	124
FIGURE 2-31. GROUND CONTROL MOUNTING - 460SJ	126
FIGURE 2-32. GROUND CONTROL MOUNTING - DEUTZ (STAGE V) (460SJ) (CE & UK CA SPECS)	128
FIGURE 2-33. GROUND CONTROL DECAL AND KEYSWITCH INSTALLATION - 400S (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)	130
FIGURE 2-34. GROUND CONTROL DECAL AND KEYSWITCH INSTALLATION - 460SJ (ALL SPECS EXCEPT CE & UK CA SPEC)	132
FIGURE 2-35. GROUND CONTROL DECAL AND KEYSWITCH INSTALLATION - 460SJ (CE(LRC) & UK CA SPEC)	134
FIGURE 2-36. GROUND CONTROL DECAL AND KEYSWITCH INSTALLATION - 460SJ (STAGE V) (CE & UK CA SPECS)	136
FIGURE 2-37. LIGHT PANEL INSTALLATION	138

TABLE OF CONTENTS

FIGURE 2-38. BEACON LIGHT INSTALLATION - AMBER.....	140
FIGURE 2-39. BEACON LIGHT INSTALLATION - BLUE.....	142
FIGURE 2-40. BEACON LIGHT INSTALLATION - RED.....	144
FIGURE 2-41. WHITE NOISE ALARM INSTALLATION (AMBIENT).....	146
FIGURE 2-42. WHITE NOISE ALARM INSTALLATION (CONSTANT).....	148
FIGURE 2-43. HOOD INSTALLATION - ABS (DEUTZ & GM ENGINES).....	150
FIGURE 2-44. HOOD INSTALLATION - ABS (KUBOTA ENGINES).....	154
FIGURE 2-45. HOOD INSTALLATION - STEEL.....	158
FIGURE 2-46. ABS HOOD ASSEMBLY - ENGINE SIDE.....	162
FIGURE 2-47. ABS HOOD ASSEMBLY - ENGINE SIDE (CE & UK CA SPEC).....	164
FIGURE 2-48. ABS HOOD ASSEMBLY - TANK SIDE.....	166
FIGURE 2-49. ABS HOOD ASSEMBLY - TANK SIDE (CE & UK CA SPEC).....	168
FIGURE 2-50. STEEL HOOD ASSEMBLY - ENGINE SIDE.....	170
FIGURE 2-51. STEEL HOOD ASSEMBLY - TANK SIDE.....	172
FIGURE 2-52. SOUND REDUCTION INSTALLATION - KUBOTA ENGINE MACHINES WITH STEEL HOODS.....	174
 SECTION 3 - ENGINE.....	 177
FIGURE 3-1. ENGINE INSTALLATION - DEUTZ D2011 ENGINE (WITHOUT ARCTIC PACKAGE) (ANSI EXPORT(LRC), AUSTRALIAN, CE(LRC), CHINA & UK CA SPECS).....	178
FIGURE 3-2. ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2011 (WITHOUT ARCTIC PACKAGE) (AUSTRALIAN AND CHINA SPECS).....	184
FIGURE 3-3. ENGINE ASSEMBLY - DEUTZ D2011 ENGINE (WITHOUT ARCTIC PACKAGE) (AUSTRALIAN AND CHINA SPECS).....	186
FIGURE 3-4. ENGINE INSTALLATION - DEUTZ D2011 ENGINE (WITH ARCTIC PACKAGE) (ANSI EXPORT(LRC), AUSTRALIAN, CE(LRC), CHINA & UK CA SPECS).....	190
FIGURE 3-5. ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2011 (WITH ARCTIC PACKAGE) (ANSI EXPORT AND CHINA SPECS).....	196
FIGURE 3-6. ENGINE ASSEMBLY - DEUTZ D2011 ENGINE (WITH ARCTIC PACKAGE) (ANSI EXPORT AND CHINA SPECS).....	198
FIGURE 3-7. ENGINE COMPONENTS - DEUTZ D2011.....	202
FIGURE 3-8. ENGINE INSTALLATION - DEUTZ D2.9L4 ENGINE (WITHOUT ARCTIC PACKAGE) (ANSI, ANSI EXPORT(HRC), CSA AND JAPANESE SPECS).....	206
FIGURE 3-9. ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2.9L4 (WITHOUT ARCTIC PACKAGE) (ANSI, ANSI EXPORT AND CSA SPECS).....	210
FIGURE 3-10. ENGINE ASSEMBLY - DEUTZ D2.9L4 ENGINE (WITHOUT ARCTIC PACKAGE) (ANSI, ANSI EXPORT AND CSA SPECS).....	212
FIGURE 3-11. ENGINE INSTALLATION - DEUTZ D2.9L4 ENGINE (WITH ARCTIC PACKAGE) (ANSI AND CSA SPECS).....	218
FIGURE 3-12. ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2.9L4 (WITH ARCTIC PACKAGE) (ANSI, ANSI EXPORT AND CSA SPECS).....	222
FIGURE 3-13. ENGINE ASSEMBLY - DEUTZ D2.9L4 ENGINE (WITH ARCTIC PACKAGE) (ANSI, ANSI EXPORT AND CSA SPECS).....	224
FIGURE 3-14. ENGINE COMPONENTS - DEUTZ D2.9L4 ENGINE (ANSI, ANSI EXPORT AND CSA SPECS).....	230
FIGURE 3-15. ENGINE INSTALLATION - DEUTZ D2.9L4 ENGINE (STAGE V) (CE & UK CA SPECS).....	234
FIGURE 3-16. ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2.9L4 ENGINE (STAGE V) (CE & UK CA SPECS).....	240
FIGURE 3-17. ENGINE ASSEMBLY - DEUTZ D2.9L4 ENGINE (STAGE V) (CE & UK CA SPECS).....	242
FIGURE 3-18. ENGINE COMPONENTS - DEUTZ D2.9L4 ENGINE (STAGE V) (CE & UK CA SPECS).....	248
FIGURE 3-19. BREATHER HEATER INSTALLATION - DEUTZ D2.9L4 ENGINE WITH ARCTIC PACKAGE.....	252
FIGURE 3-20. BRACKET ASSEMBLY - FUEL PUMP AND FILTER (DEUTZ D2.9L4 ENGINE).....	254
FIGURE 3-21. BRACKET ASSEMBLY - FUEL PUMP AND FILTER (DEUTZ D2.9L4 ENGINE) (STAGE V).....	256
FIGURE 3-22. ENGINE INSTALLATION - DEUTZ D2.9L4 ENGINE (CHINA IV).....	258
FIGURE 3-23. ENGINE INSTALLATION - DEUTZ D2.9L4 ENGINE (CHINA IV).....	260
FIGURE 3-24. ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2.9L4 ENGINE (CHINA IV).....	264
FIGURE 3-25. DEUTZ D2.9L4 ENGINE ASSEMBLY (CHINA IV).....	266
FIGURE 3-26. DEUTZ D2.9L4 ENGINE ASSEMBLY (CHINA IV).....	268
FIGURE 3-27. DEUTZ D2.9L4 ENGINE COMPONENTS (CHINA IV).....	272
FIGURE 3-28. PUMP COUPLING KIT (DEUTZ ENGINES).....	274
FIGURE 3-29. ENGINE INSTALLATION - KUBOTA ENGINE (WITHOUT ARCTIC PACKAGE).....	276
FIGURE 3-30. ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA ENGINE (WITHOUT ARCTIC PACKAGE).....	282
FIGURE 3-31. ENGINE ASSEMBLY - KUBOTA ENGINE (WITHOUT ARCTIC PACKAGE).....	284
FIGURE 3-32. ENGINE INSTALLATION - KUBOTA ENGINE (WITH ARCTIC PACKAGE).....	290
FIGURE 3-33. ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA ENGINE (WITH ARCTIC PACKAGE).....	296
FIGURE 3-34. ENGINE ASSEMBLY - KUBOTA ENGINE (WITH ARCTIC PACKAGE).....	298
FIGURE 3-35. ENGINE COMPONENTS - KUBOTA.....	304
FIGURE 3-36. PUMP COUPLING KIT - KUBOTA ENGINE.....	308
FIGURE 3-37. PISTON PUMP ASSEMBLY.....	310
FIGURE 3-38. SPARK ARRESTOR INSTALLATION - DEUTZ D2011 ENGINE.....	314

TABLE OF CONTENTS

FIGURE 3-39. ENGINE BAFFLE INSTALLATION - ABS HOODS (DEUTZ & GM ENGINES)	316
FIGURE 3-40. ENGINE BAFFLE INSTALLATION - ABS HOODS (KUBOTA ENGINES)	318
FIGURE 3-41. ENGINE BAFFLE INSTALLATION - STEEL HOODS	320
FIGURE 3-42. FUEL WATER SEPARATOR INSTALLATION - DEUTZ D2.9L4 (CHINA IV) ENGINE	322
FIGURE 3-43. FUEL PUMP AND FILTER INSTALLATION - DEUTZ D2.9L4 (CHINA IV) ENGINE	324
FIGURE 3-44. ENGINE MOUNT (WITH GENERATOR) - DEUTZ D2.9L4 AND DEUTZ D2.9L4 (STAGE V) ENGINES	326
FIGURE 3-45. ENGINE MOUNT (WITHOUT GENERATOR) - DEUTZ D2.9L4, DEUTZ D2.9L4 (STAGE V) AND DEUTZ D2.9L4 (CHINA IV) ENGINES	328
FIGURE 3-46. ENGINE TRAY JACK INSTALLATION	330
FIGURE 3-47. GENERATOR INSTALLATION - 2500W/60HZ (DEUTZ D2011 ENGINE)	332
FIGURE 3-48. GENERATOR INSTALLATION - 2500W/60HZ (DEUTZ D2.9L4 ENGINE)	336
FIGURE 3-49. GENERATOR INSTALLATION - 2500W/60HZ (KUBOTA ENGINE)	340
FIGURE 3-50. GENERATOR INSTALLATION - 4000W/50HZ (DEUTZ D2011 ENGINES)	344
FIGURE 3-51. GENERATOR INSTALLATION - 4000W/60HZ (DEUTZ D2011 ENGINE)	348
FIGURE 3-52. GENERATOR INSTALLATION - 4000W/60HZ (DEUTZ D2.9L4 ENGINE)	352
FIGURE 3-53. GENERATOR INSTALLATION - 4000W/50HZ (DEUTZ STAGE V ENGINE)	356
FIGURE 3-54. GENERATOR INSTALLATION - 7500W/50HZ (DEUTZ D2011 ENGINE)	360
FIGURE 3-55. GENERATOR INSTALLATION - 7500W/60HZ (DEUTZ D2011 ENGINE)	364
FIGURE 3-56. GENERATOR INSTALLATION - 7500W/60HZ (DEUTZ D2.9L4 ENGINE)	368
FIGURE 3-57. GENERATOR INSTALLATION - 7500W/60HZ (KUBOTA ENGINE)	372
 SECTION 4 - BOOM	 377
FIGURE 4-1. BOOM AND CYLINDERS INSTALLATION - 400S	378
FIGURE 4-2. BOOM AND CYLINDERS INSTALLATION - 460SJ	380
FIGURE 4-3. MAIN BOOM ASSEMBLY - 400S	382
FIGURE 4-4. MAIN BOOM ASSEMBLY - 460SJ	384
FIGURE 4-5. JIB BOOM ASSEMBLY - 460SJ	386
FIGURE 4-6. ROTATOR ASSEMBLY - 400S	388
FIGURE 4-7. ROTATOR ASSEMBLY - 460SJ	390
FIGURE 4-8. POWER TRACK INSTALLATION	392
FIGURE 4-9. CAPACITY SWITCH INSTALLATION	394
FIGURE 4-10. TRANSPORT SWITCHES INSTALLATION	396
FIGURE 4-11. PLATFORM SUPPORT INSTALLATION	398
 SECTION 5 - PLATFORM	 401
FIGURE 5-1. PLATFORM ASSEMBLY - 30IN X 5FT (76.2CM X 1.52M) WITH SWING GATE	402
FIGURE 5-2. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH SWING GATE	404
FIGURE 5-3. PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH SWING GATE	406
FIGURE 5-4. PLATFORM ASSEMBLY - 30IN X 5FT (76.2CM X 1.52M) WITH DROP BAR	408
FIGURE 5-5. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH DROP BAR	410
FIGURE 5-6. PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH DROP BAR	412
FIGURE 5-7. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH FALL ARREST (ALL SPECS EXCEPT CE AND AUSTRALIAN SPECS)	414
FIGURE 5-8. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) TRI-ENTRY WITH GATE	416
FIGURE 5-9. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) TRI-ENTRY WITH DROPBAR	418
FIGURE 5-10. PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH TRI-ENTRY (1 GATE/2 DROP BARS)	420
FIGURE 5-11. PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH TRI-ENTRY (3 DROP BARS)	422
FIGURE 5-12. PLATFORM ASSEMBLY - 30IN X 3FT (76CM X .91M) - DROP BAR ENTRY	424
FIGURE 5-13. PLATFORM CONSOLE BOX INSTALLATION	426
FIGURE 5-14. PLATFORM CONSOLE BOX ASSEMBLY	428
FIGURE 5-15. CONTROLLER ASSEMBLY (DRIVE AND STEER)	430
FIGURE 5-16. CONTROLLER ASSEMBLY (LIFT AND SWING)	432
FIGURE 5-17. FOOTSWITCH ASSEMBLY	436
FIGURE 5-18. LIGHT PANEL INSTALLATION	438
FIGURE 5-19. FALL ARREST (BOLT-ON) INSTALLATION - 5FTX3FT PLATFORM (ALL SPECS EXCEPT CE & UK CA SPECS) (OPTIONAL)	440
FIGURE 5-20. FALL ARREST (BOLT-ON) INSTALLATION - 6FTX3FT PLATFORM (ALL SPECS EXCEPT CE & UK CA SPECS) (OPTIONAL)	442
FIGURE 5-21. FALL ARREST (BOLT-ON) INSTALLATION - 6FTX3FT TRI-ENTRY PLATFORM (ALL SPECS EXCEPT CE & UK CA SPECS) (OPTIONAL)	444
FIGURE 5-22. FALL ARREST (BOLT-ON) INSTALLATION - 8FTX3FT PLATFORM (ALL SPECS EXCEPT CE & UK CA SPECS) (OPTIONAL)	446
FIGURE 5-23. SOFT TOUCH INSTALLATION - 6FT (1.83M) FALL ARREST PLATFORM (OPTIONAL)	448
FIGURE 5-24. SOFT TOUCH INSTALLATION - 8FT (2.4M) PLATFORM (OPTIONAL)	450
FIGURE 5-25. SKYGUARD BAR INSTALLATION	452

TABLE OF CONTENTS

FIGURE 5-26. SKYEYE INSTALLATION	454
FIGURE 5-27. SKYLINE INSTALLATION	456
FIGURE 5-28. SKYGLAZIER INSTALLATION	458
FIGURE 5-29. SKYSENSE MID TUBE SENSOR ASSEMBLY	460
FIGURE 5-30. SKYSENSE OVERHEAD SENSOR ASSEMBLY	462
FIGURE 5-31. SKYWELDER INSTALLATION (50HZ)	464
FIGURE 5-32. SKYWELDER INSTALLATION (60HZ)	466
FIGURE 5-33. SKYWELDER PREP PACKAGE (60HZ)	468
FIGURE 5-34. TRAY INSTALLATION	470
FIGURE 5-35. USB CHARGER INSTALLATION	472
FIGURE 5-36. WELDER ASSEMBLY	474
 SECTION 6 - CYLINDER	 477
FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSEMBLY	478
FIGURE 6-2. LEVEL (PLATFORM SLAVE) CYLINDER ASSEMBLY	480
FIGURE 6-3. LIFT CYLINDER ASSEMBLY - MAIN BOOM	482
FIGURE 6-4. LIFT CYLINDER ASSEMBLY - JIB	484
FIGURE 6-5. MASTER CYLINDER ASSEMBLY	486
FIGURE 6-6. STEER CYLINDER ASSEMBLY	488
FIGURE 6-7. TELESCOPE CYLINDER ASSEMBLY	490
 SECTION 7 - HYDRAULIC	 493
FIGURE 7-1. 400S 2WD HYDRAULIC SYSTEM INSTALLATION	494
FIGURE 7-2. 400S 4WD HYDRAULIC SYSTEM INSTALLATION (ALL MACHINES)	502
FIGURE 7-3. 460SJ 2WD HYDRAULIC SYSTEM INSTALLATION	510
FIGURE 7-4. 460SJ 4WD HYDRAULIC SYSTEM INSTALLATION (ALL MACHINES)	518
 SECTION 8 - ELECTRICAL	 527
FIGURE 8-1. AC BOX AT PLATFORM INSTALLATION - 110V (ANSI, ANSI EXPORT(HRC), CSA AND JAPANESE SPECS)	528
FIGURE 8-2. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE & UK CA SPECS WITH 4000W/50HZ GENERATOR)	530
FIGURE 8-3. AC BOX AT PLATFORM - 110V IEC YELLOW (CE & UK CA SPEC WITHOUT GENERATOR)	532
FIGURE 8-4. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE & UK CA SPECS WITH 4000W/50HZ GENERATOR)	534
FIGURE 8-5. AC BOX AT PLATFORM - 220V IEC BLUE (CE & UK CA SPEC WITHOUT GENERATOR)	536
FIGURE 8-6. AC BOX AT PLATFORM - 220V CEE7 2IN X 4IN POST GROUND (CE & UK CA SPEC WITHOUT GENERATOR)	538
FIGURE 8-7. AC BOX AT PLATFORM - 220V CEE7 2IN X 4IN SIDE GROUND (CE & UK CA SPEC WITHOUT GENERATOR)	540
FIGURE 8-8. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2IN X 4IN POST GROUND (CE & UK CA SPECS WITH 4000W/50HZ GENERATOR)	542
FIGURE 8-9. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2IN X 4IN SIDE GROUND (CE & UK CA SPECS WITH 4000W/50HZ GENERATOR)	544
FIGURE 8-10. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT107 (CE & UK CA SPECS WITH 4000W/50HZ GENERATOR)	546
FIGURE 8-11. AC BOX AT PLATFORM - 220V AFSINT107 (CE & UK CA SPEC WITHOUT GENERATOR)	548
FIGURE 8-12. AC BOX AT PLATFORM INSTALLATION - 220V CUSTOMER SUPPLIED COMPONENTS (ALL SPECS EXCEPT CSA SPECS)	550
FIGURE 8-13. AC BOX AT PLATFORM INSTALLATION - 240V (WITH 4000W GENERATOR) (ANSI, ANSI EXPORT(HRC), CSA AND JAPANESE SPECS)	552
FIGURE 8-14. AC BOX AT PLATFORM INSTALLATION - 240V (WITH 7500W SKYPOWER GENERATOR) (ANSI, ANSI EXPORT(HRC), CSA AND JAPANESE SPECS)	554
FIGURE 8-15. AC CABLE INSTALLATION - WITH THREE BREAKERS (CE & UK CA SPECS)	556
FIGURE 8-16. BATTERY DISCONNECT SWITCH	558
FIGURE 8-17. BEACON HARNESS (BLUE/RED BEACON LIGHT)	560
FIGURE 8-18. BOOM HARNESS - 400S	562
FIGURE 8-19. BOOM HARNESS - 460SJ	564
FIGURE 8-20. BOOM CAPACITY PROXIMITY SWITCH HARNESS (400S ONLY)	566
FIGURE 8-21. BOOM TELE IN PROXIMITY SWITCH HARNESS	568
FIGURE 8-22. BREAKER BOX INSTALLATION - 110/220V 16AMP BREAKER (CE & UK CA SPEC)	570
FIGURE 8-23. BREAKER BOX KIT - 110/220V 16AMP BREAKER (CE & UK CA SPEC)	572
FIGURE 8-24. BREAKER BOX KIT - 30MA/16 AMP	574
FIGURE 8-25. BREAKER BOX KIT WITH THREE BREAKERS	576
FIGURE 8-26. CABLES AND CLAMPS INSTALLATION - 400S (2500W GENERATOR OR NO GENERATOR) (ALL SPECS)	578

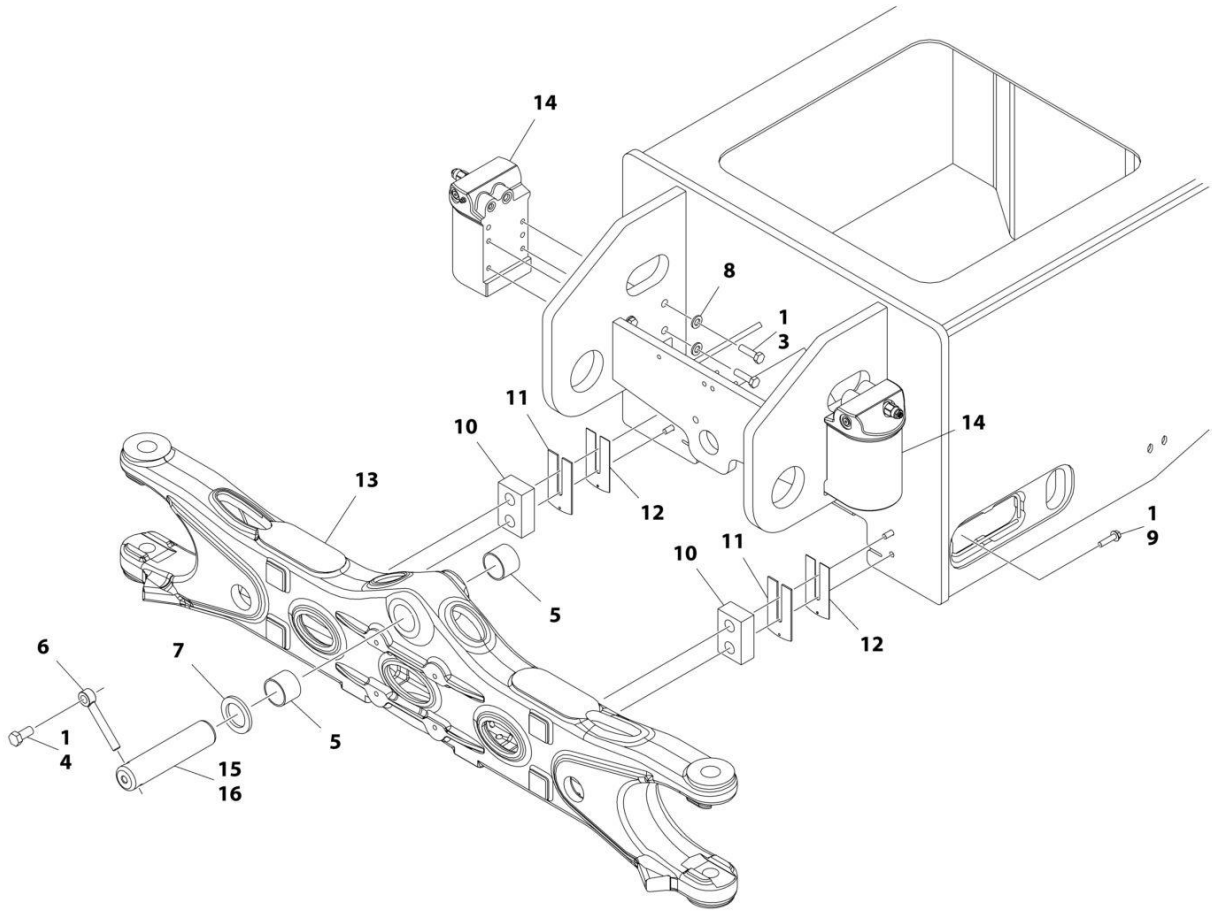
TABLE OF CONTENTS

FIGURE 8-27. CABLES AND CLAMPS INSTALLATION - 400S (4000W GENERATOR 60HZ) (ANSI, ANSI EXPORT, CSA AND JAPANESE SPECS)	580
FIGURE 8-28. CABLES AND CLAMPS INSTALLATION - 400S (4000W GENERATOR 50HZ) (ANSI, ANSI EXPORT, CSA, CHINA AND JAPANESE SPECS)	582
FIGURE 8-29. CABLES AND CLAMPS INSTALLATION - 400S (7500W GENERATOR) (ANSI, ANSI EXPORT, CSA, CHINA AND JAPANESE SPECS)	584
FIGURE 8-30. CABLES AND CLAMPS INSTALLATION - 460SJ (2500W GENERATOR OR NO GENERATOR) (ALL SPECS)	586
FIGURE 8-31. CABLES AND CLAMPS INSTALLATION - 460SJ (4000W GENERATOR 60HZ) (ANSI, ANSI EXPORT, CSA AND JAPANESE SPECS)	588
FIGURE 8-32. CABLES AND CLAMPS INSTALLATION - 460SJ (4000W GENERATOR 50HZ) (ALL SPECS)	590
FIGURE 8-33. CABLES AND CLAMPS INSTALLATION - 460SJ (7500W GENERATOR) (ALL SPECS EXCEPT CE & UK CA SPECS)	592
FIGURE 8-34. ENGINE HARNESS - DEUTZ D2011	594
FIGURE 8-35. ENGINE HARNESS - DEUTZ D2.9L4	596
FIGURE 8-36. ENGINE HARNESS - DEUTZ D2.9L4 (STAGE V) & DUETZ D2.9L4 (CHINA IV)	600
FIGURE 8-37. ENGINE HARNESS - KUBOTA	604
FIGURE 8-38. FUEL HARNESS - DEUTZ D2.9L4 ENGINE	606
FIGURE 8-39. FUEL HARNESS - KUBOTA ENGINE	608
FIGURE 8-40. GENERATOR HARNESS - 2500W	610
FIGURE 8-41. GENERATOR HARNESS - 4000W	612
FIGURE 8-42. GROUND CONTROL BOX HARNESS	614
FIGURE 8-43. INTERFACE HARNESS - WITH 1 CELL LSS	616
FIGURE 8-44. PLATFORM CONSOLE BOX HARNESS	618
FIGURE 8-45. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE & UK CA SPEC)	622
FIGURE 8-46. RECEPTACLE BOX KIT - 220V IEC BLUE (CE & UK CA SPEC)	624
FIGURE 8-47. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2IN X 4IN (CE & UK CA SPEC)	626
FIGURE 8-48. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND 2IN X 4IN (CE & UK CA SPEC)	628
FIGURE 8-49. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE & UK CA SPEC)	630
FIGURE 8-50. TURNTABLE HARNESS	632
FIGURE 8-51. VALVE HARNESS - MAIN VALVE	636
FIGURE 8-52. SKYLINE HARNESS	638
FIGURE 8-53. SKYEYE INTERMEDIATE HARNESS	640
FIGURE 8-54. SKYEYE RECEIVER HARNESS	642
FIGURE 8-55. SKYEYE EMITTER HARNESS	644
SECTION 9 - DECAL	647
FIGURE 9-1. DECAL INSTALLATION - ANSI, ANSI EXPORT AND CSA SPECS - ENGLISH (400S)	648
FIGURE 9-2. DECAL INSTALLATION - ANSI, ANSI EXPORT AND CSA SPECS - ENGLISH (460SJ)	650
FIGURE 9-3. DECAL INSTALLATION - AUSTRALIAN SPEC (460SJ)	652
FIGURE 9-4. DECAL INSTALLATION - CE & UK CA SPEC (460SJ)	654
FIGURE 9-5. INSTALLATION - BRAZIL SPEC (DUAL LANGUAGE - PORTUGUESE/SPANISH) (400S)	656
FIGURE 9-6. DECAL INSTALLATION - BRAZIL SPEC (DUAL LANGUAGE - PORTUGUESE/SPANISH) (460SJ)	658
FIGURE 9-7. DECAL INSTALLATION - CHINESE SPEC (DUAL LANGUAGE - ENGLISH/CHINESE) (400S)	660
FIGURE 9-8. DECAL INSTALLATION - CHINESE SPEC (DUAL LANGUAGE - ENGLISH/CHINESE) (460SJ)	662
FIGURE 9-9. DECAL INSTALLATION - CSA SPEC (DUAL LANGUAGE - ENGLISH/FRENCH) (400S)	664
FIGURE 9-10. DECAL INSTALLATION - CSA SPEC (DUAL LANGUAGE - ENGLISH/FRENCH) (460SJ)	666
FIGURE 9-11. DECAL INSTALLATION - JAPANESE SPEC (DUAL LANGUAGE - ENGLISH/JAPANESE) (400S)	668
FIGURE 9-12. DECAL INSTALLATION - JAPANESE SPEC (DUAL LANGUAGE - ENGLISH/JAPANESE) (460SJ)	670
FIGURE 9-13. DECAL INSTALLATION - KOREAN SPEC (DUAL LANGUAGE - ENGLISH/KOREAN) (400S)	672
FIGURE 9-14. DECAL INSTALLATION - KOREAN SPEC (DUAL LANGUAGE - ENGLISH/KOREAN) (460SJ)	674
FIGURE 9-15. DECAL INSTALLATION - LATIN AMERICAN SPEC (DUAL LANGUAGE - ENGLISH/SPANISH) (400S)	676
FIGURE 9-16. DECAL INSTALLATION - LATIN AMERICAN SPEC (DUAL LANGUAGE - ENGLISH/SPANISH) (460SJ)	678
FIGURE 9-17. DECAL INSTALLATION - OPTIONS	680
FIGURE 9-18. SKYWELDER DECAL INSTALLATION - 50HZ	684
FIGURE 9-19. SKYWELDER DECAL INSTALLATION - 60HZ	686
SECTION 10 - RECOMMENDED SERVICE PARTS STOCK	689
FIGURE 10-1. RECOMMENDED SERVICE PARTS STOCK	690
SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS	693
FIGURE 11-1. SPECIAL OPTIONS/ACCESSORIES/KITS	694
PART NUMBER INDEX	699

SECTION 1 - FRAME

SECTION 1 - FRAME

FIGURE 1-1. AXLE INSTALLATION



ART_1001164094

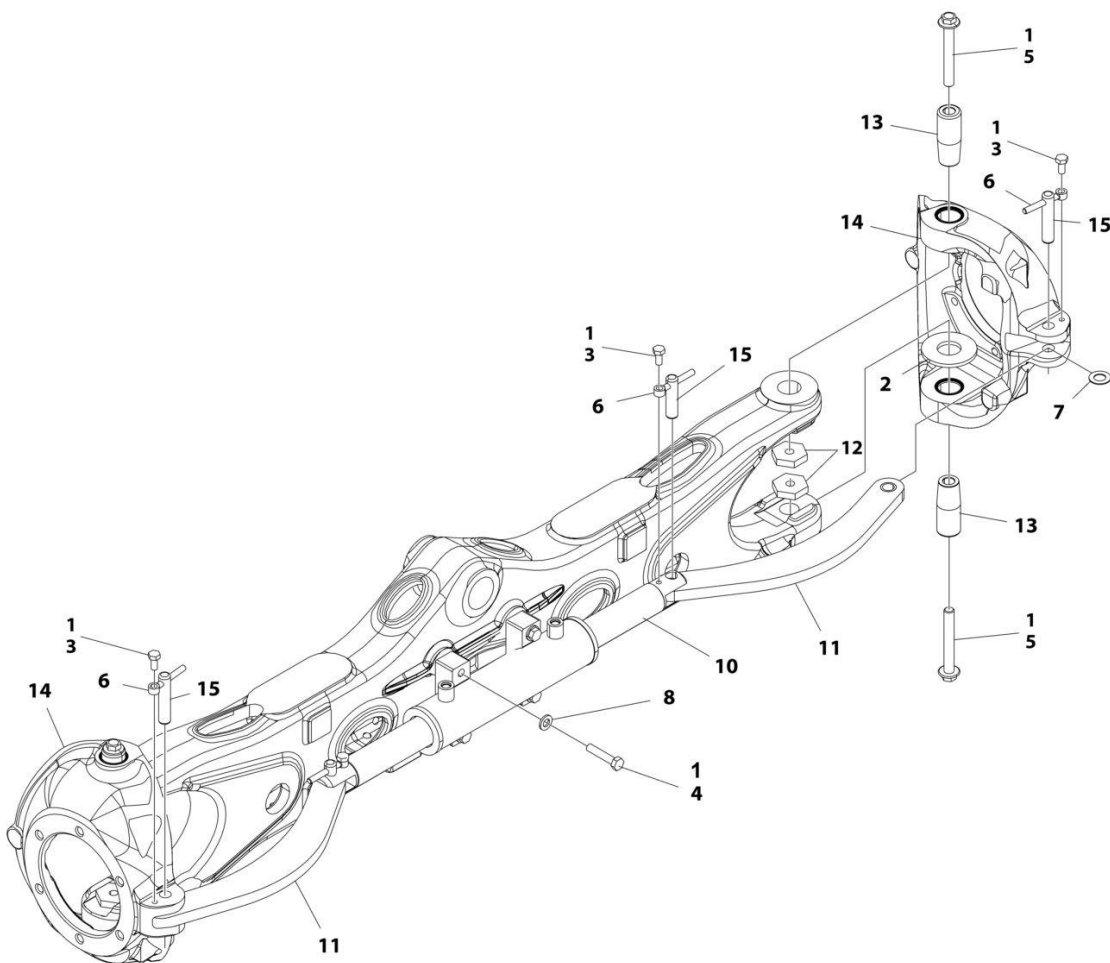
SECTION 1 - FRAME

FIGURE 1-1. AXLE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001164094	Ref	AXLE INSTALLATION	C
1	0100011	AR	Compound, Locking	
3	0701217	8	Bolt M12 x 45	
4	0761615	1	Bolt M16 x 35	
5	0961950	2	Bearing	
6	3841258	1	Keeper, Pin	
7	4740158	1	Washer	
8	5241200	8	Washer M12	
9	5251016	4	Bolt M10 x 40	
10	1001166563	2	Pad, Wear	
11	1001150324	2	Shim, 3	
12	1001150326	2	Shim, 1.2	
13	1001162995	1	Axle	
14	1001163580	2	Axle Lockout Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
15	1001164552	1	Pin	
16	3020039	AR	Lube	

SECTION 1 - FRAME

FIGURE 1-2. STEER INSTALLATION WITHOUT TOW PACKAGE



ART_1001164092

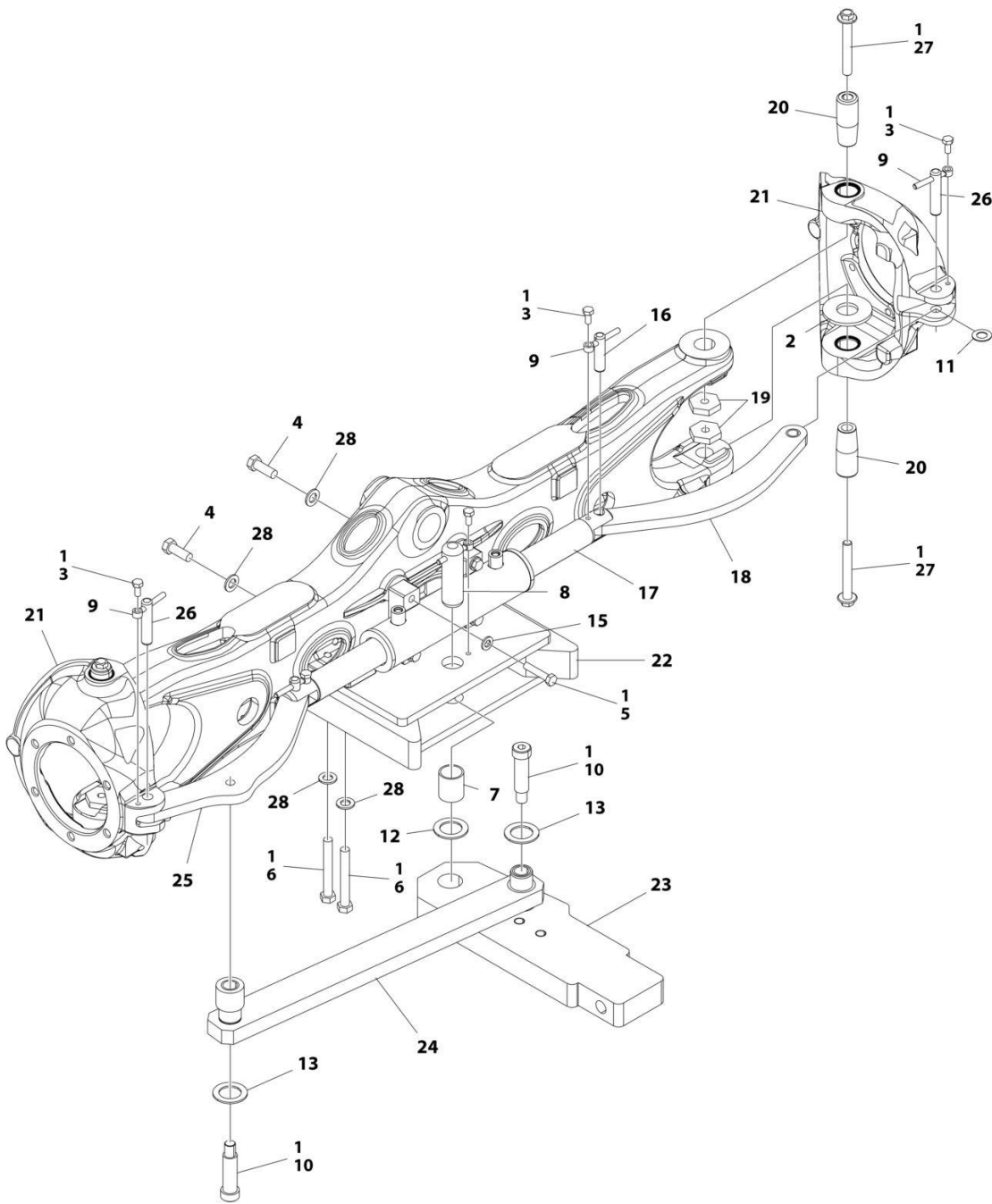
SECTION 1 - FRAME

FIGURE 1-2. STEER INSTALLATION WITHOUT TOW PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001164092	Ref	STEER INSTALLATION WITHOUT TOW PACKAGE	F
1	0100011	AR	Compound, Locking	
2	1001233139	2	Bearing, Thrust	
3	0761011	4	Bolt M10 x 22	
4	0711220	4	Bolt M12 x 60 Grade 10.9	
5	1001190368	4	Bolt M16 x 120	
6	3841143	4	Keeper, Pin	
7	4740086	4	Washer	
8	5241200	4	Washer M12	
10	1001163178	1	Steer Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
11	1001163179	2	Link	
11	1001164209	4	Bearing (2 Per Link)	
12	1001176848	4	Nut M16	
13	1001163405	4	Kingpin	
14	1001163715	2	Spindle	
14	0961948	4	Bearing (2 Per Spindle)	
14	1001163716	8	Seal (4 Per Spindle)	
15	3423304	4	Pin	

SECTION 1 - FRAME

FIGURE 1-3. STEER INSTALLATION WITH TOW PACKAGE



ART_1001164095

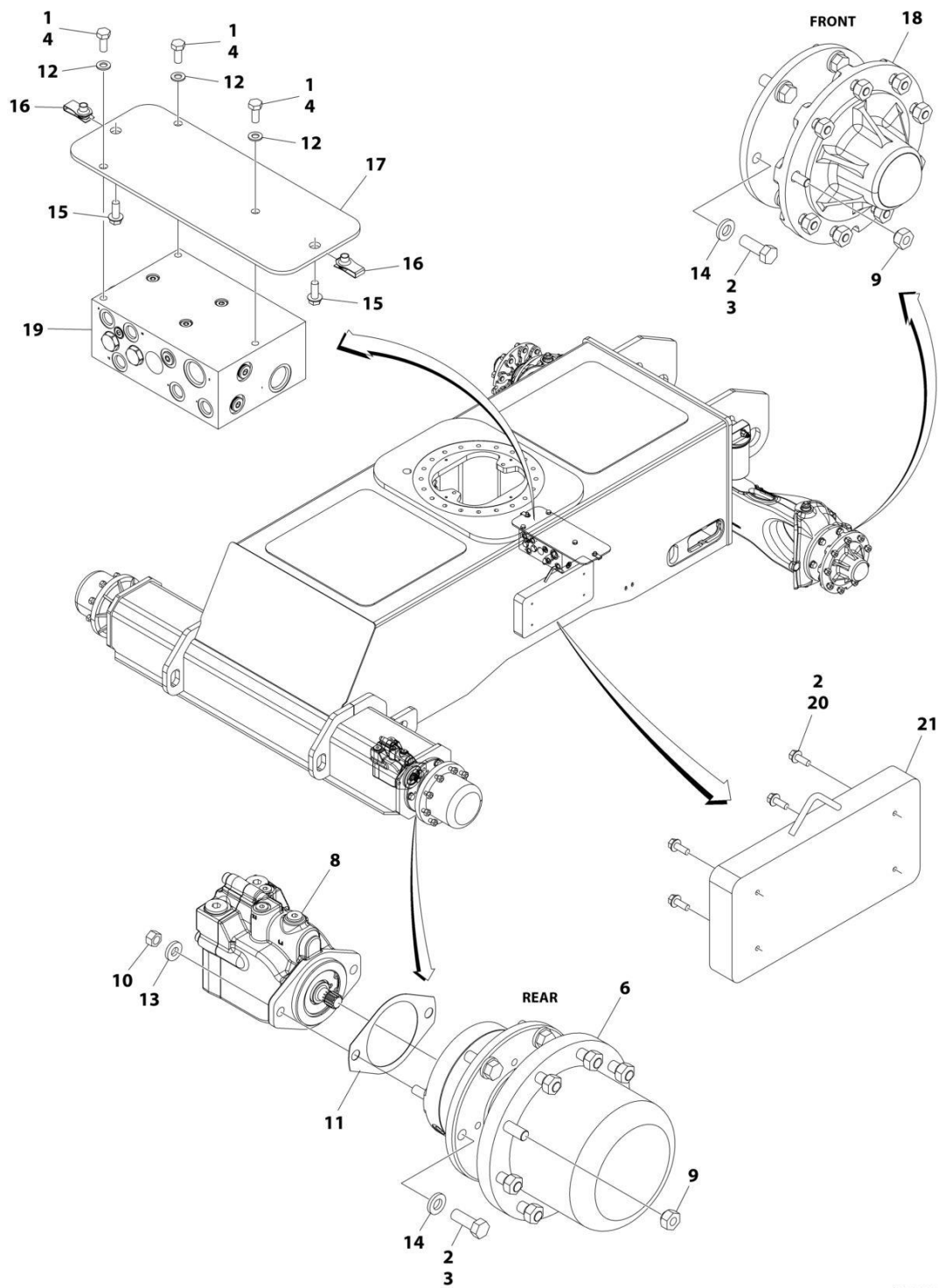
SECTION 1 - FRAME

FIGURE 1-3. STEER INSTALLATION WITH TOW PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001164095	Ref	STEER INSTALLATION WITH TOW PACKAGE	D
1	0100011	AR	Compound, Locking	
2	0440271	2	Bearing, Thrust	
3	0761011	5	Bolt M10 x 22	
4	0701617	2	Bolt M16 x 45	
5	0711220	4	Bolt M12 x 60 Grade 10.9	
6	0711629	4	Bolt M16 x 120	
7	0962348	1	Bearing	
8	3422848	1	Pin	
9	3841143	5	Keeper, Pin	
10	3900295	2	Bolt 1 X 3	
11	4740086	4	Washer	
12	4740155	1	Washer	
13	4740491	2	Washer	
15	5241200	4	Washer M12	
16	1001139586	2	Pin	
17	1001163178	1	Steer Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
18	1001163179	1	Link	
18	1001164209	2	Bearing	
19	1001176848	4	Nut M16	
20	1001163405	4	Kingpin	
21	1001163715	2	Spindle	
21	0961948	4	Bearing (2 per Spindle)	
21	1001163716	8	Seal (4 per Spindle)	
22	1001163717	1	Bracket, Tow	
23	1001163722	1	Plate	
24	1001163724	1	Link	
24	0962292	4	Bearing	
25	1001163726	1	Link	
25	1001164209	2	Bearing	
26	3423304	2	Pin	
27	1001190368	4	Bolt M16 x 120	
28	5241600	6	Washer M16	

SECTION 1 - FRAME

FIGURE 1-4. WHEEL DRIVE INSTALLATION (2WD)



ART_1001214162

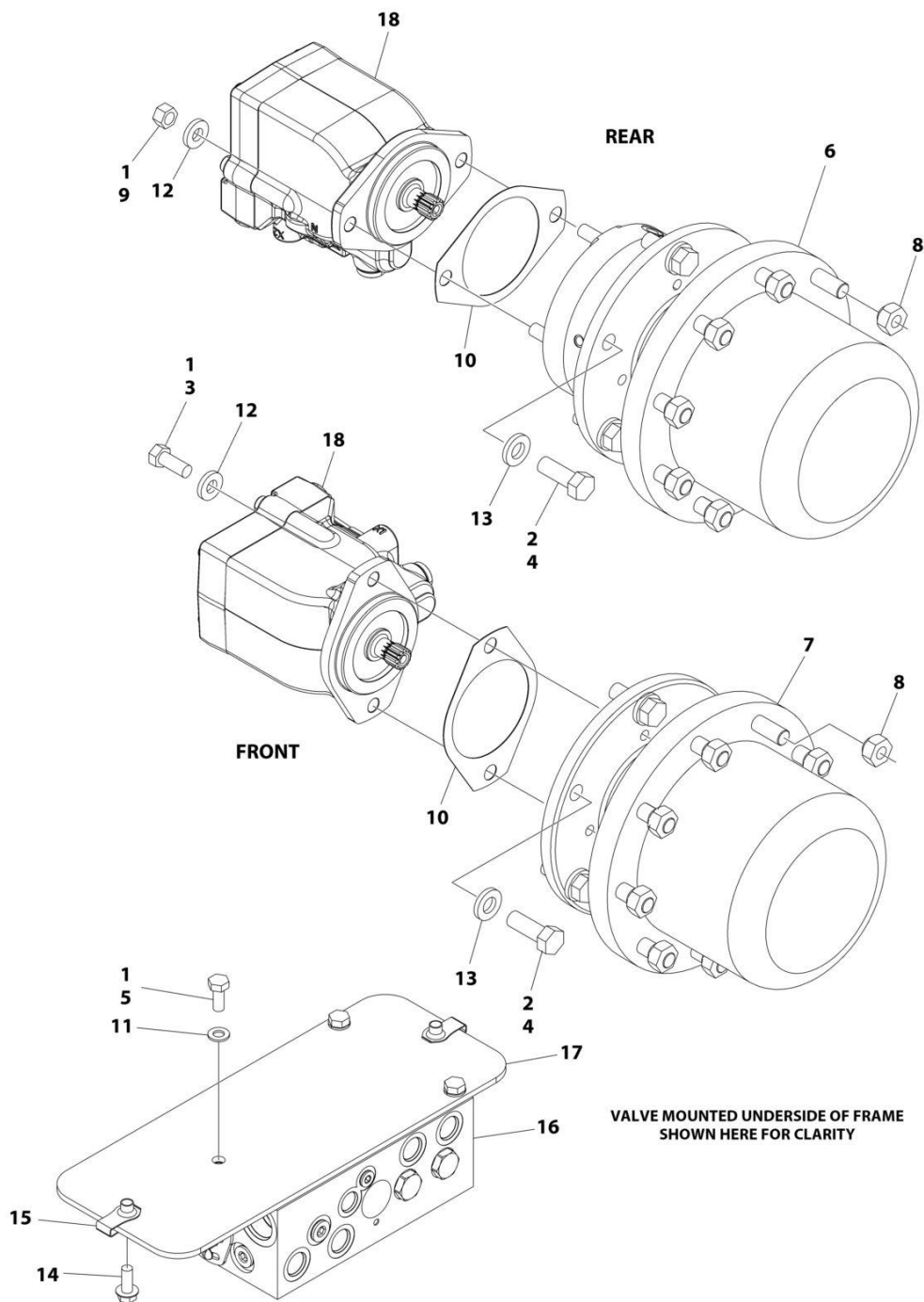
SECTION 1 - FRAME

FIGURE 1-4. WHEEL DRIVE INSTALLATION (2WD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214162	Ref	WHEEL DRIVE INSTALLATION (2WD)	D
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0682014	24	Bolt, 5/8 x 1-3/4 (Grade 8)	
4	0761012	3	Bolt, M10 x 25	
6	2780267	2	Drive Hub Assembly - Rear (See Separate Breakdown in this Section)	
8	3160351	2	Drive Motor Assembly (See Separate Breakdown in this Section)	
9	3300106	36	Lugnut	
10	3311801	4	Nut, 1/2	
11	3960526	2	Gasket, Brake	
12	4812000	3	Washer, M10	
13	4891800	4	Washer, 1/2	
14	4892000	24	Washer, 5/8	
15	5251012	2	Bolt, M10 x 25	
16	1001118972	2	Nut, M10 x 1.5	
17	1001163959	1	Plate, Mounting	
18	1001214174	2	Hub Spindle Assembly - Front (See Separate Breakdown in this Section)	
19	1001214317	1	Traction Valve Assembly - 2WD (See Separate Breakdown in this Section)	
20	0811608	8	Bolt 3/8 x 1	
21	1001215509	2	Weight	

SECTION 1 - FRAME

FIGURE 1-5. WHEEL DRIVE INSTALLATION (4WD)



ART_1001285010

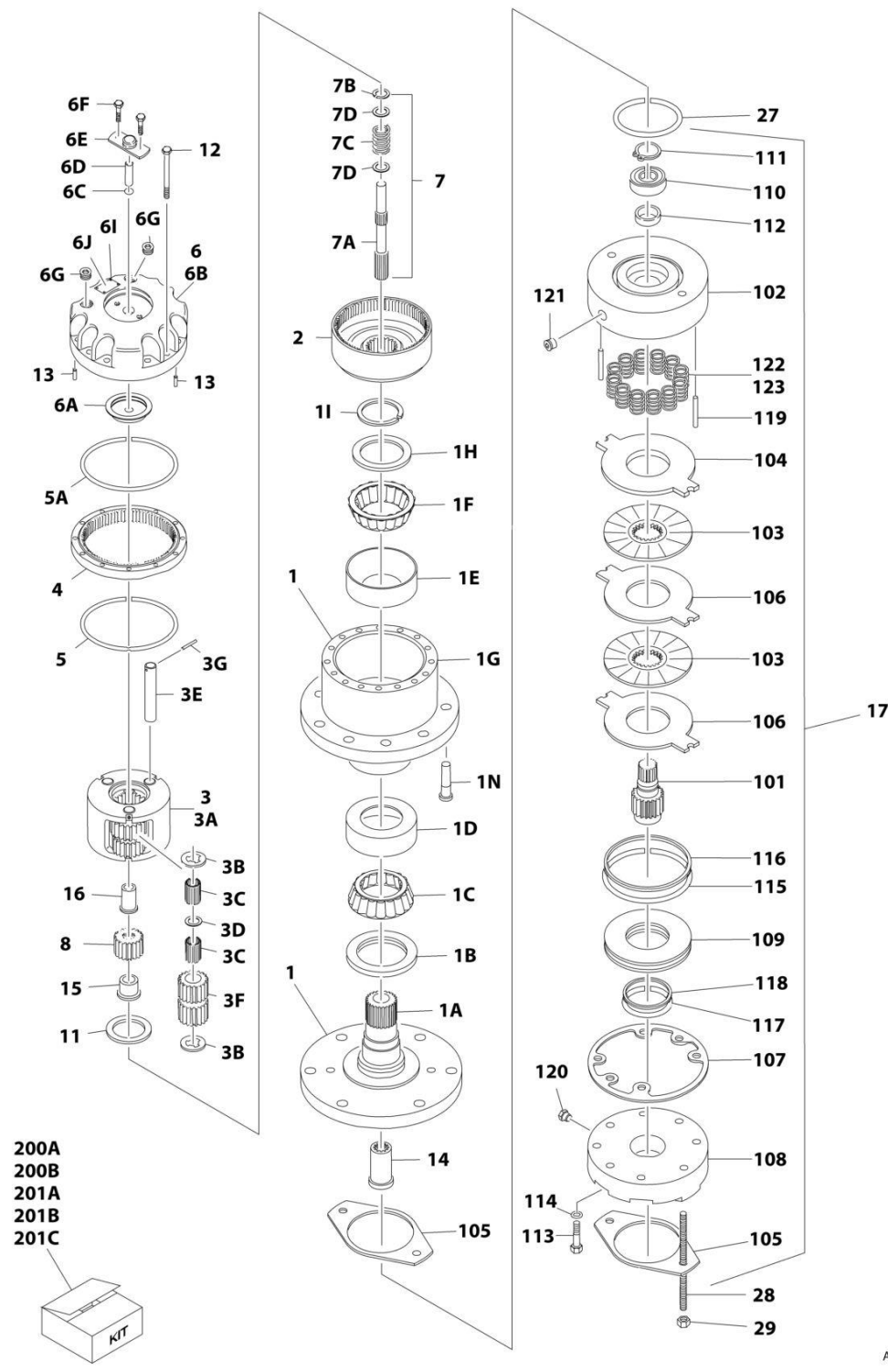
SECTION 1 - FRAME

FIGURE 1-5. WHEEL DRIVE INSTALLATION (4WD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001285010	Ref	WHEEL DRIVE INSTALLATION (4WD)	A
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0681810	4	Bolt 1/2 x 1-1/4 (Grade 8)	
4	0682014	24	Bolt 5/8 x 1-3/4 (Grade 8)	
5	0761012	3	Bolt M10 x 25	
6	2780267	2	Drive Hub Assembly - Rear (See Separate Breakdown in this Section)	
7	2780268	2	Drive Hub Assembly - Front (See Separate Breakdown in this Section)	
8	3300106	36	Lugnut	
9	3311801	4	Nut 1/2	
10	3960526	4	Gasket, Brake	
11	4812000	3	Washer M10	
12	4891800	8	Washer 1/2	
13	4892000	24	Washer 5/8	
14	5251012	2	Bolt M10 x 25	
15	1001118972	2	Nut M10	
16	1001162537	1	Traction Valve Assembly (See Separate Breakdown in this Section)	
17	1001163959	1	Plate, Mounting	
18	1001278022	4	Drive Motor Assembly (See Separate Breakdown in this Section)	

SECTION 1 - FRAME

FIGURE 1-6. DRIVE HUB AND BRAKE ASSEMBLY - REAR



ART_2780267

SECTION 1 - FRAME

FIGURE 1-6. DRIVE HUB AND BRAKE ASSEMBLY - REAR

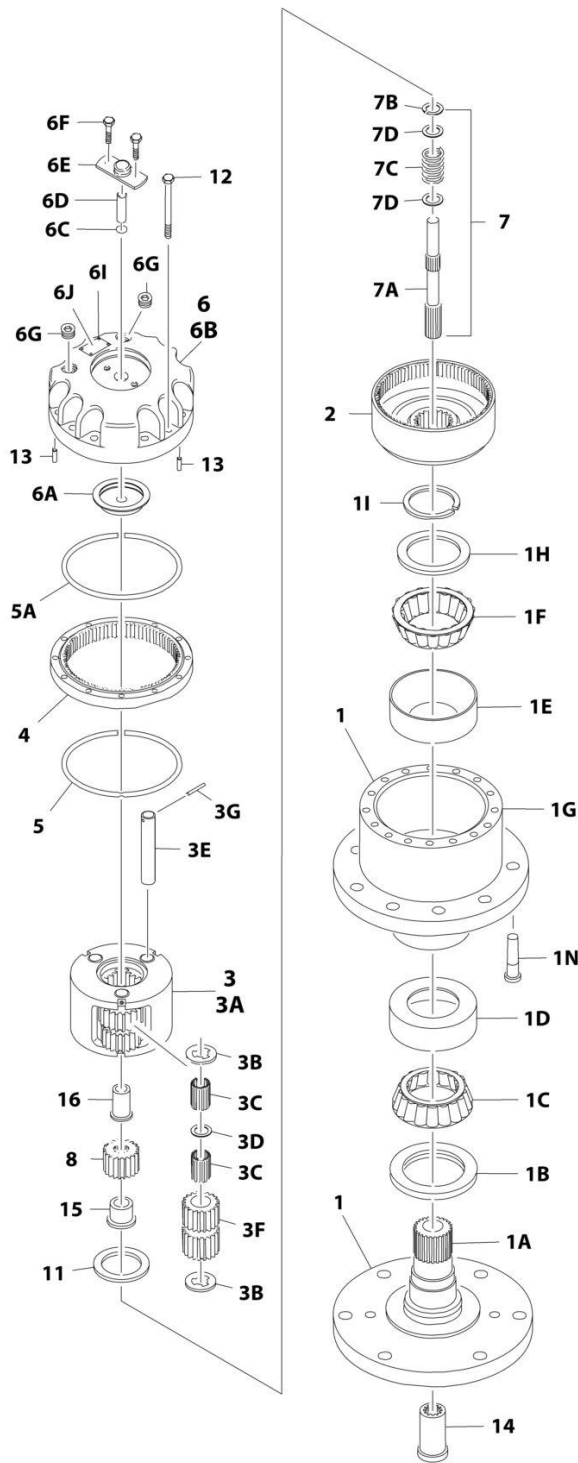
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2780267	Ref	DRIVE HUB AND BRAKE ASSEMBLY - REAR	I
1	See Note	1	Spindle/Housing Assembly (Note: Purchase Individual Components)	
1A	7017059	1	Spindle	
1B	7001998	1	Seal	
1C	7010429	1	Cone, Bearing (Includes Item 1D)	
1D	7010429	1	Cup, Bearing (Includes Item 1C)	
1E	7000257	1	Cup, Bearing	
1F	7000258	1	Cone, Bearing	
1G	7007601	1	Housing/Ring Gear	
1H	7000232	1	Washer, Thrust	
1I	7000229	1	Ring, Retaining	
1N	7007640	9	Stud, Wheel	
2	7000246	1	Gear, Internal	
3	7024712	1	Carrier Assembly	
3A	See Note	1	Carrier (Note: Use Item 3)	
3B	See Note	6	Ring, Retaining (Note: Use Item 3)	
3C	See Note	AR	Bearing, Needle (Note: Use Item 3)	
3D	See Note	3	Washer, Thrust (Note: Use Item 3)	
3E	See Note	3	Shaft, Planet (Note: Use Item 3)	
3F	See Note	3	Gear, Planet (Note: Use Item 3)	
3G	See Note	3	Roll Pin (Note: Use Item 3)	
4	7000248	1	Ring Gear	
5	7000230	1	O-Ring	
5A	7017070	1	O-Ring	
6	70001349	1	Cover Assembly Kit	
6A	See Note	1	Spacer, Thrust (Note: Use Item 6)	
6B	See Note	1	Plate, Cover (Note: Use Item 6)	
6C	See Note	1	O-Ring (Note: Use Item 6)	
6D	See Note	1	Rod, Disconnect (Note: Use Item 6)	
6E	See Note	1	Cap, Disengage (Note: Use Item 6)	
6F	See Note	2	Bolt (Note: Use Item 6)	
6G	See Note	1	Plug, Pipe (Note: Use Item 6)	
6I	See Note	4	Rivet (Note: Not Available for Purchase)	
6J	See Note	1	Plate, ID (Note: Not Available for Purchase)	
7		Ref	Input Shaft Assembly	
7A	7024714	1	Shaft	
7B	7000261	1	Ring, Retaining	
7C	7000262	1	Spring	
7D	7000263	2	Spacer, Thrust	
8	7024713	1	Gear, Sun	
11	7000253	1	Washer, Thrust	
12	7017067	12	Bolt	
13	7017080	4	Pin, Dowel	
14	7000206	1	Coupling	
15	7024715	1	Spacer, Input	
16	7024716	1	Spacer, Input	
17	7024182	1	Brake Assembly (See Items 101-123 for Breakdown)	
27	7024705	1	O-Ring	
28	7024717	2	Rod, Threaded	

SECTION 1 - FRAME

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
29	7024718	2	Nut 1/2in-13NC	
	7024182	Ref	BRAKE ASSEMBLY	
101	7024189	1	Shaft	
102	See Note	1	Housing (Note: Use Item 17)	
103	See Note	2	Plate, Friction (Note: Use Item 201B)	
104	See Note	1	Plate, Pressure (Note: Use Item 201B)	
105	7000731	2	Gasket	
106	See Note	2	Plate, Outer (Note: Use Item 201B)	
107	See Note	1	Gasket (Note: Use Item 200A, 201B or 201C)	
108	7024191	1	Cylinder	
109	7024192	1	Piston	
110	See Note	1	Bearing, Ball (Note: Use Item 201C)	
111	See Note	1	Ring, Retaining (Note: Use Item 201C)	
112	See Note	1	Seal, Shaft (Note: Use Item 201C)	
113	See Note	6	Capscrew (Note: Use Item 17)	
114	See Note	6	Lockwasher (Note: Use Item 17)	
115	See Note	1	O-Ring (Note: Use Item 200B)	
116	See Note	1	Ring, Back-up (Note: Use Item 200B)	
117	See Note	1	O-Ring (Note: Use Item 200B)	
118	See Note	1	Ring, Back-up (Note: Use Item 200B)	
119	7024190	2	Pin, Dowel	
120	See Note	1	Plug (Note: Use Item 17)	
121	See Note	2	Plug (Note: Use Item 17)	
122	See Note	12	Spring Kit (Natural) (Note: Use Item 201A)	
123	See Note	2	Spring Kit (Blue) (Note: Use Item 201A)	
		Ref	Kit Options	
200		Ref	Seal Kit Options:	
200A	See Note	1	Hub Seal Kit (Note: Purchase Individual Components)	
200B	7024194	1	Brake Seal Kit (Includes Items 105, 107 & 115-118)	
201		Ref	Repair Kit Options:	
201A	7024196	1	Brake Spring Kit (Includes 12 Natural Colored and 2 Blue Colored Springs Items 122 & 123)	
201B	7024193	1	Brake Friction Disc Kit (Includes Items 103, 104, 106 & 107)	
201C	7024197	1	Brake Bearing Kit (Includes Items 107 & 110-112)	

SECTION 1 - FRAME

FIGURE 1-7. DRIVE HUB ASSEMBLY - FRONT



ART_2780268

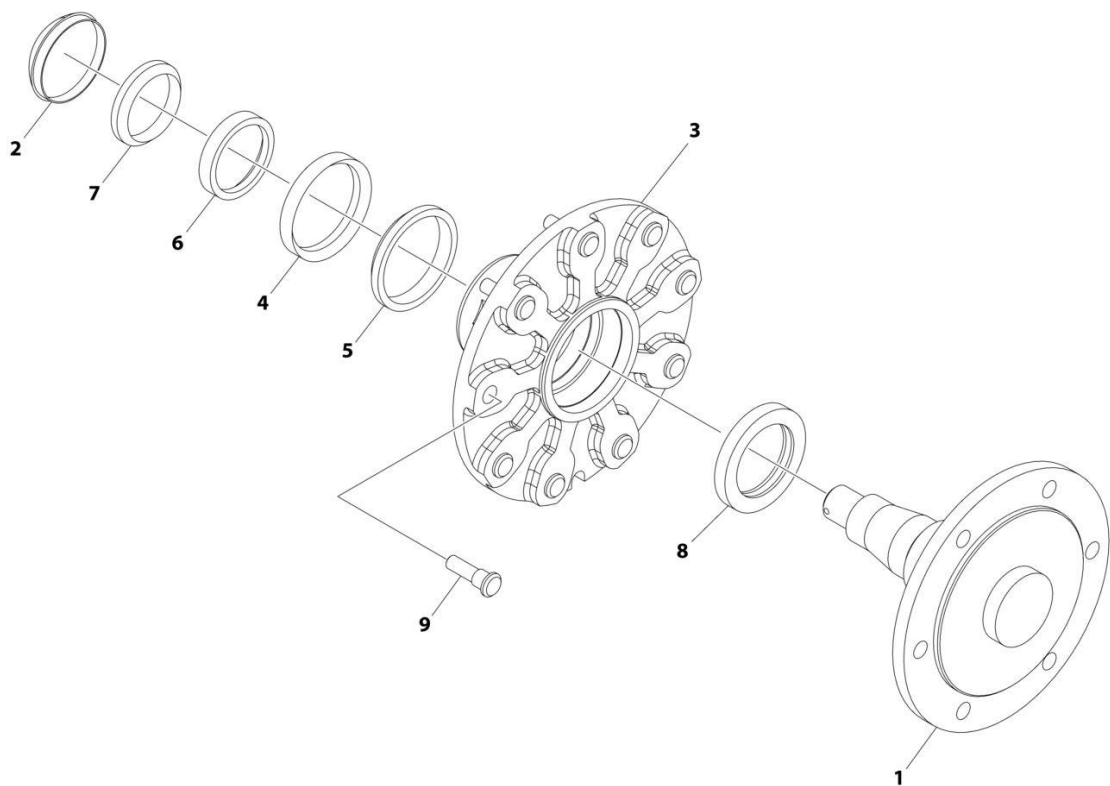
SECTION 1 - FRAME

FIGURE 1-7. DRIVE HUB ASSEMBLY - FRONT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2780268	Ref	DRIVE HUB ASSEMBLY - FRONT	F
1	See Note	1	Spindle/Housing Assembly (Note: Purchase Individual Components)	
1A	7017059	1	Spindle	
1B	7001998	1	Seal	
1C	7010429	1	Cone, Bearing (Includes Item 1D)	
1D	7010429	1	Cup, Bearing (Includes Item 1C)	
1E	7000257	1	Cup, Bearing	
1F	7000258	1	Cone, Bearing	
1G	7007601	1	Housing/Ring Gear	
1H	7000232	1	Washer, Thrust	
1I	7000229	1	Ring, Retaining	
1N	7007640	9	Stud, Wheel	
2	7000246	1	Gear, Internal	
3	7024712	1	Carrier Assembly	
3A	See Note	1	Carrier (Note: Use Item 3)	
3B	See Note	6	Ring, Retaining (Note: Use Item 3)	
3C	See Note	AR	Bearing, Needle (Note: Use Item 3)	
3D	See Note	3	Washer, Thrust (Note: Use Item 3)	
3E	See Note	3	Shaft, Planet (Note: Use Item 3)	
3F	See Note	3	Gear, Planet (Note: Use Item 3)	
3G	See Note	3	Roll Pin (Note: Use Item 3)	
4	7000248	1	Ring Gear	
5	7000230	1	O-Ring	
5A	7017070	1	O-Ring	
6	70001349	1	Cover Assembly Kit	
6A	See Note	1	Spacer, Thrust (Note: Use Item 6)	
6B	See Note	1	Plate, Cover (Note: Use Item 6)	
6C	See Note	1	O-Ring (Note: Use Item 6)	
6D	See Note	1	Rod, Disconnect (Note: Use Item 6)	
6E	See Note	1	Cap, Disengage (Note: Use Item 6)	
6F	See Note	2	Bolt (Note: Use Item 6)	
6G	See Note	1	Plug, Pipe (Note: Use Item 6)	
6I	See Note	4	Rivet (Note: Not Available for Purchase)	
6J	See Note	1	Plate, ID (Note: Not Available for Purchase)	
7		Ref	Input Shaft Assembly	
7A	7024714	1	Shaft	
7B	7000261	1	Ring, Retaining	
7C	7000262	1	Spring	
7D	7000263	2	Spacer, Thrust	
8	7024713	1	Gear, Sun	
11	7000253	1	Washer, Thrust	
12	7017067	12	Bolt	
13	7017080	4	Pin, Dowel	
14	7000206	1	Coupling	
15	7024715	1	Spacer, Input	
16	7024716	1	Spacer, Input	

SECTION 1 - FRAME

FIGURE 1-8. HUB - SPINDLE ASSEMBLY (2WD)



ART_1001214174

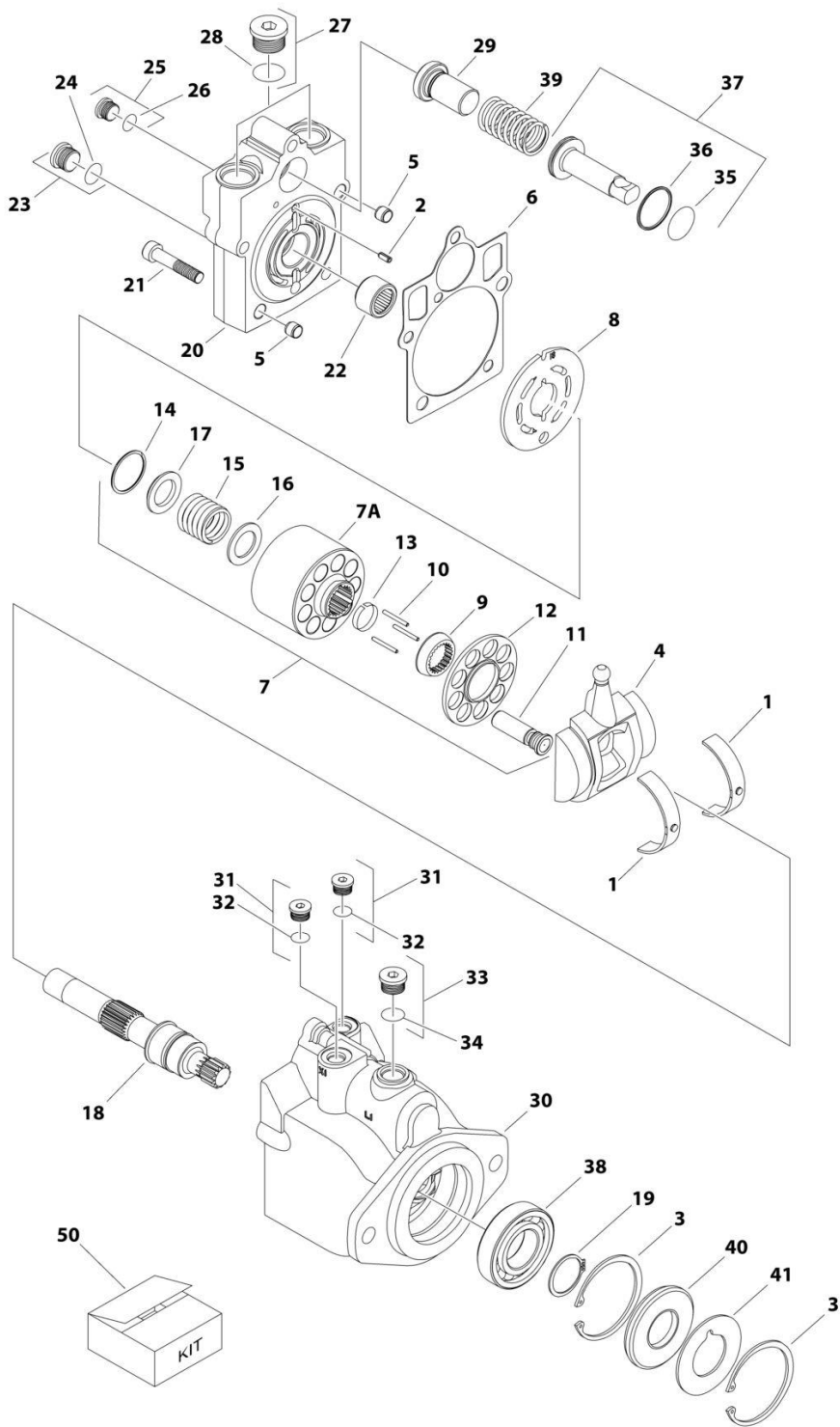
SECTION 1 - FRAME

FIGURE 1-8. HUB - SPINDLE ASSEMBLY (2WD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214174	Ref	HUB - SPINDLE ASSEMBLY (2WD)	C
1	See Note	NSS	Spindle, Adapter (Note: Not Available for Purchase)	
2	7020033	1	Cap, Dust	
3	7020035	1	Hub, Casting	
4	7020036	1	Cup, Bearing	
5	7020037	1	Cone, Bearing	
6	7020038	1	Cup, Bearing	
7	7020039	1	Cone, Bearing	
8	7020040	1	Seal	
9	7020041	9	Stud	

SECTION 1 - FRAME

FIGURE 1-9. DRIVE MOTOR ASSEMBLY (2WD)



ART_3160351

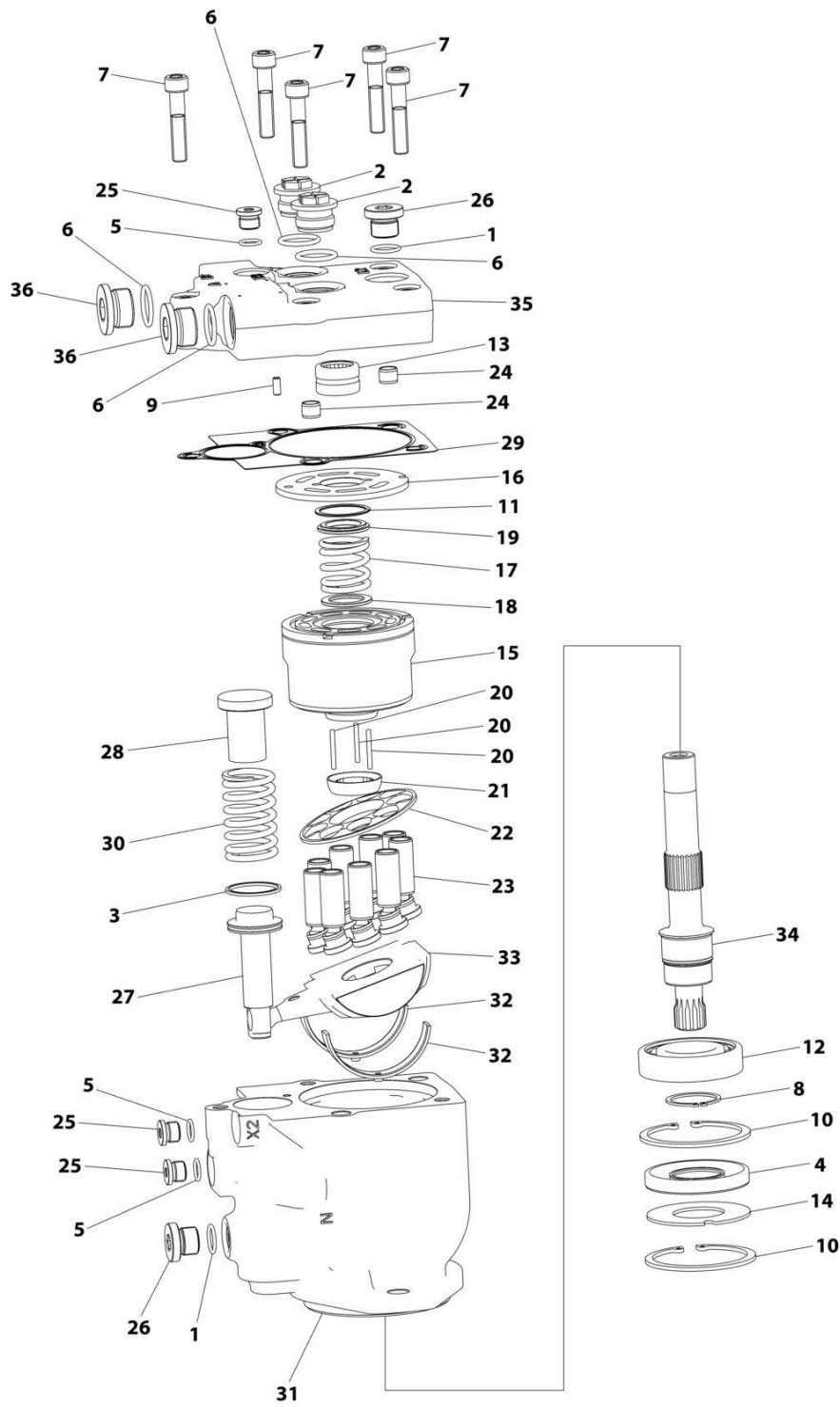
SECTION 1 - FRAME

FIGURE 1-9. DRIVE MOTOR ASSEMBLY (2WD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3160351	Ref	DRIVE MOTOR ASSEMBLY (2WD)	D
1	7022302	2	Bearing, Journal	
2	7007446	1	Pin	
3	7007438	2	Ring, Retaining	
4	7022305	1	Swashplate	
5	See Note	2	Pin (Note: Not Available for Purchase)	
6	7022328	1	Gasket	
7	7023907	1	Cylinder Block Kit (Includes Items 7A & 9-17)	
7A	7023907	1	Block, Cylinder	
8	7023908	1	Plate, Valve	
9	7021277	1	Guide, Slipper Retainer	
10	7021275	3	Pin, Slipper Hold Down	
11	7023907	9	Piston Assembly	
12	7021276	1	Retainer, Hold Down Pin	
13	7023907	1	Retainer, Slipper	
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	7022328	1	O-Ring	
25	2220883	1	Plug (Includes Item 26)	
26	7022328	1	O-Ring	
27	7027419	2	Plug (Includes Item 28)	
28	7022328	2	O-Ring	
29	7024853	1	Seat, Spring	
30	See Note	NSS	Housing (Note: Not Available for Purchase – Purchase complete motor)	
31	2220883	2	Plug (Includes Item 32)	
32	7022328	2	O-Ring	
33	2220886	1	Plug (Includes Item 34)	
34	7022328	1	O-Ring	
35	7022328	1	O-Ring	
36	7022328	1	Ring, Seal	
37	7024854	1	Piston, Servo (Includes Items 35 & 36)	
38	7007437	1	Bearing	
39	7022326	1	Spring	
40	7022328	1	Seal, Lip	
41	7022371	1	Washer, Support	
50	7022328	1	Seal Kit (Includes Items 6, 24, 26, 28, 32, 34, 35, 36 & 40)	

SECTION 1 - FRAME

FIGURE 1-10. DRIVE MOTOR ASSEMBLY (4WD)



ART_1001278022

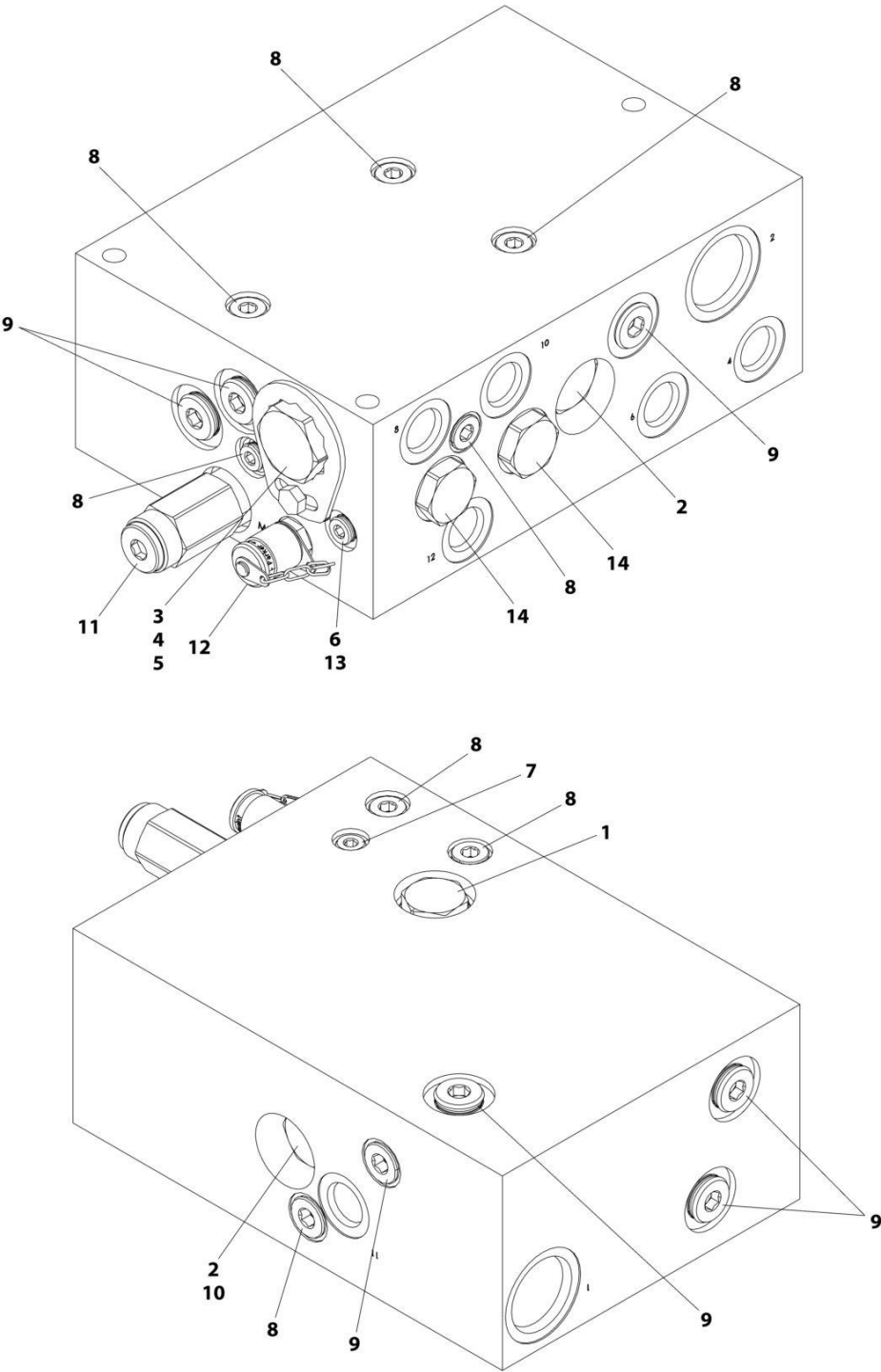
SECTION 1 - FRAME

FIGURE 1-10. DRIVE MOTOR ASSEMBLY (4WD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001278022	Ref	DRIVE MOTOR ASSEMBLY	B
1	70007847	2	O-Ring	
2	70007848	2	Plug	
3	70007849	1	Ring, Sealing	
4	70007850	1	Bearing	
5	70007851	3	O-Ring	
6	70007852	4	O-Ring	
7	70007853	5	Capscrew M10 x 50	
8	70007854	1	Circlip	
9	70007855	1	Pin	
10		Ref	Circlip	
11	70007856	1	Ring, Retaining	
12	70007857	1	Bearing	
13	70007858	1	Bearing	
14	70007859	1	Gasket	
15	70007860	1	Cylinder	
16	70007861	1	Plate, Valve	
17	70007862	1	Spring	
18	70007863	1	Gasket	
19	70007864	1	Gasket	
20	70007865	3	Pin	
21	70007866	1	Bushing	
22	70007867	1	Retainer	
23	70007868	9	Piston	
24	70007869	2	Pin	
25	70007870	3	Plug	
26	70007871	2	Plug	
27	70007872	1	Piston	
28	70007873	1	Seat, Spring	
29	70007874	1	Gasket	
30	70007875	1	Spring	
31	See Note	NSS	Housing (Note: Purchase Complete Assembly)	
32	70007876	2	Bushing	
33	70007877	1	Plate, Swash	
34	70007878	1	Shaft	
35	See Note	NSS	Cover (Note: Purchase Complete Assembly)	
36	See Note	Ref	Plug (Note: Shipping Use Only)	

SECTION 1 - FRAME

FIGURE 1-11. TRACTION VALVE ASSEMBLY (2WD)



ART_1001214317

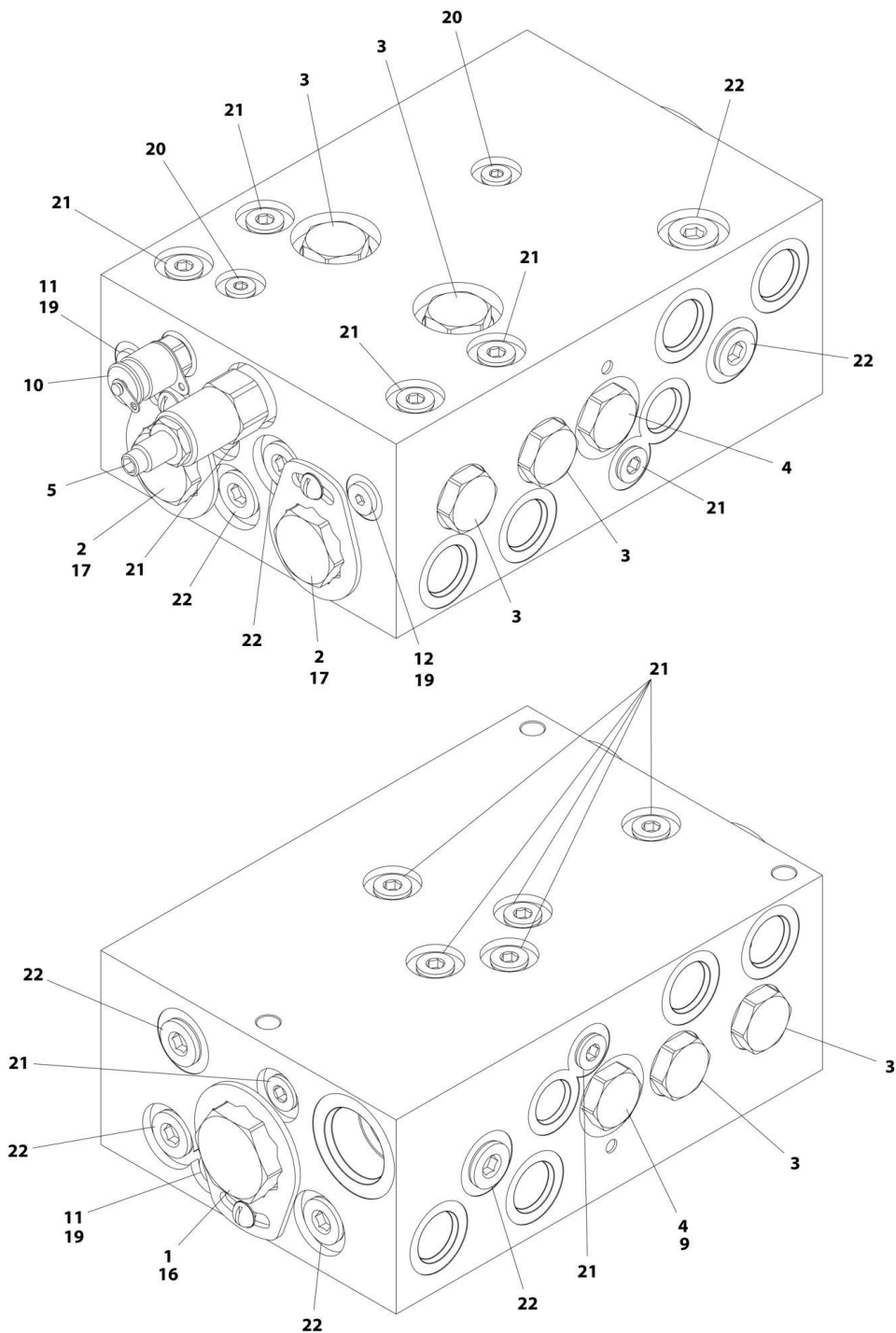
SECTION 1 - FRAME

FIGURE 1-11. TRACTION VALVE ASSEMBLY (2WD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214317	Ref	TRACTION VALVE ASSEMBLY (2WD)	D
1	7022397	1	Cartridge, Check Valve	
1	7022399	1	Seal Kit - 7022397 Valve	
2	70002390	2	Cartridge, Check Valve	
2	7022399	2	Seal Kit - 70002390 Valve	
3	70004885	1	Cartridge, Flow Divider Valve	
3	70004577	1	Seal Kit - 70004885 Valve	
4	70000781	1	Lockdown Kit	
5	70005827	1	Screw	
6	7024810	1	Orifice	
7	70005833	1	Plug #4	
8	70005830	8	Plug #6	
9	70005834	7	Plug	
10	7024881	1	Piston, Pilot	
11	70005831	1	Cartridge, Relief Valve	
11	7017496	1	Seal Kit - 70005831 Valve	
12	70005832	1	Fitting, Diagnostic	
13	2220883	1	Plug #4	
14	70026444	2	Cartridge, Check Valve	
14	7022399	2	Seal Kit - 70026444 Valve	

SECTION 1 - FRAME

FIGURE 1-12. TRACTION VALVE ASSEMBLY (4WD)



ART_1001162537

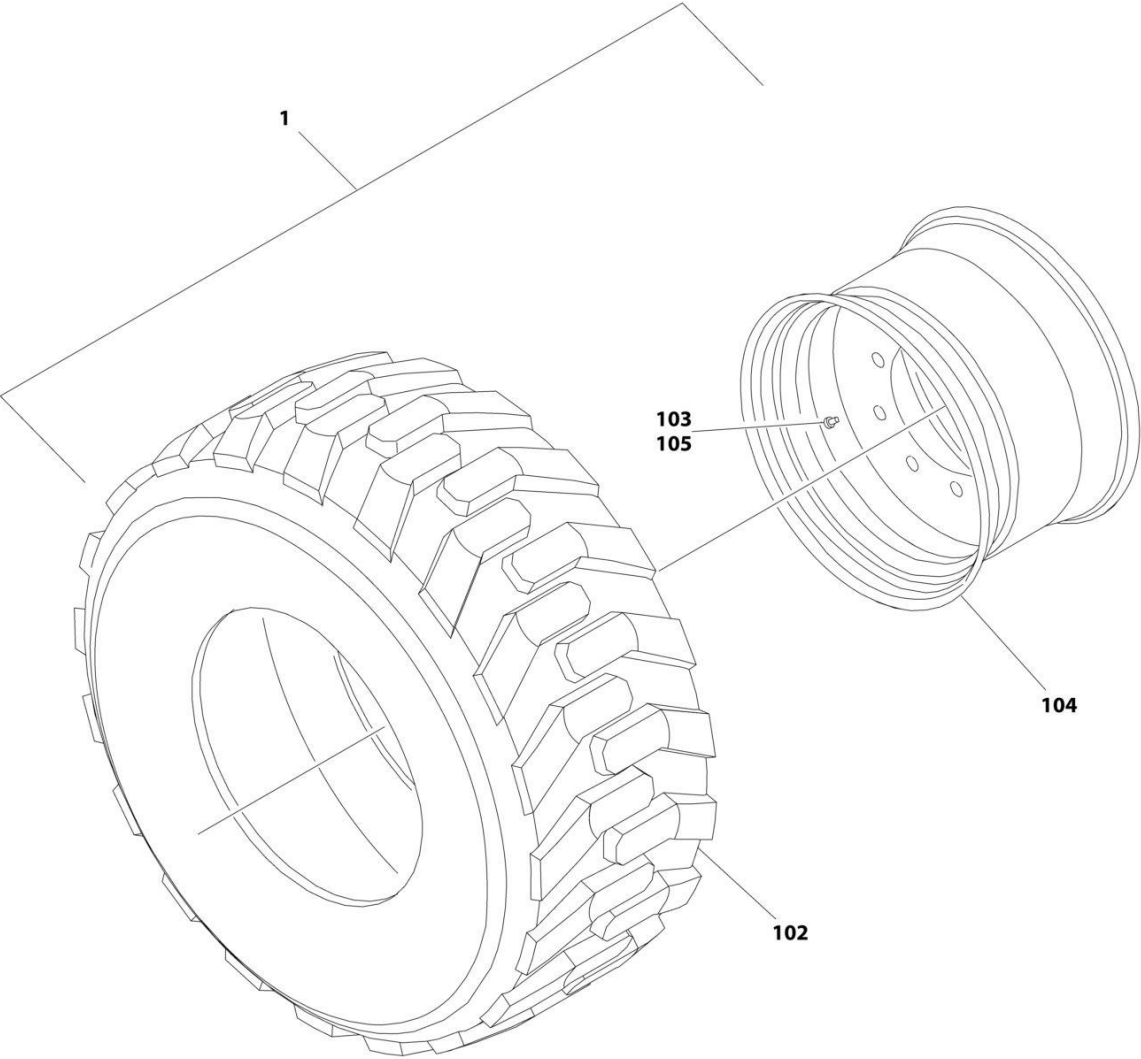
SECTION 1 - FRAME

FIGURE 1-12. TRACTION VALVE ASSEMBLY (4WD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162537	Ref	TRACTION VALVE ASSEMBLY (4WD)	E
1	70004017	1	Cartridge, Flow Divider Valve	
1	7021625	1	Seal Kit - 70004017 Valve	
2	70004885	2	Cartridge, Flow Divider Valve	
2	70004577	2	Seal Kit - 70004885 Valve	
3	7022397	6	Cartridge, Check Valve	
3	7022399	6	Seal Kit - 7022397 Valve	
4	7021639	2	Cartridge, Check Valve	
4	2900756	2	Seal Kit - 7021639 Valve	
5	70004886	1	Cartridge, Relief Valve	
5	7017496	1	Seal Kit - 70004886 Valve	
9	7024881	1	Piston, Pilot	
10	2221086	1	Fitting, Test Port	
11	70004884	2	Orifice	
12	70002209	1	Orifice	
16	70000781	1	Lockdown Kit	
17	70002962	2	Lockdown Kit	
19	2220883	3	Plug, #4	
20	See Note	NSS	Plug (Note: Not Available for Purchase)	
21	91164079	13	Plug	
22	91164057	8	Plug	

SECTION 1 - FRAME

FIGURE 1-13. TIRE AND WHEEL INSTALLATION - 12 X 16.5 FOAM FILLED (AVAILABLE ON ALL SPECS)



ART_0270092

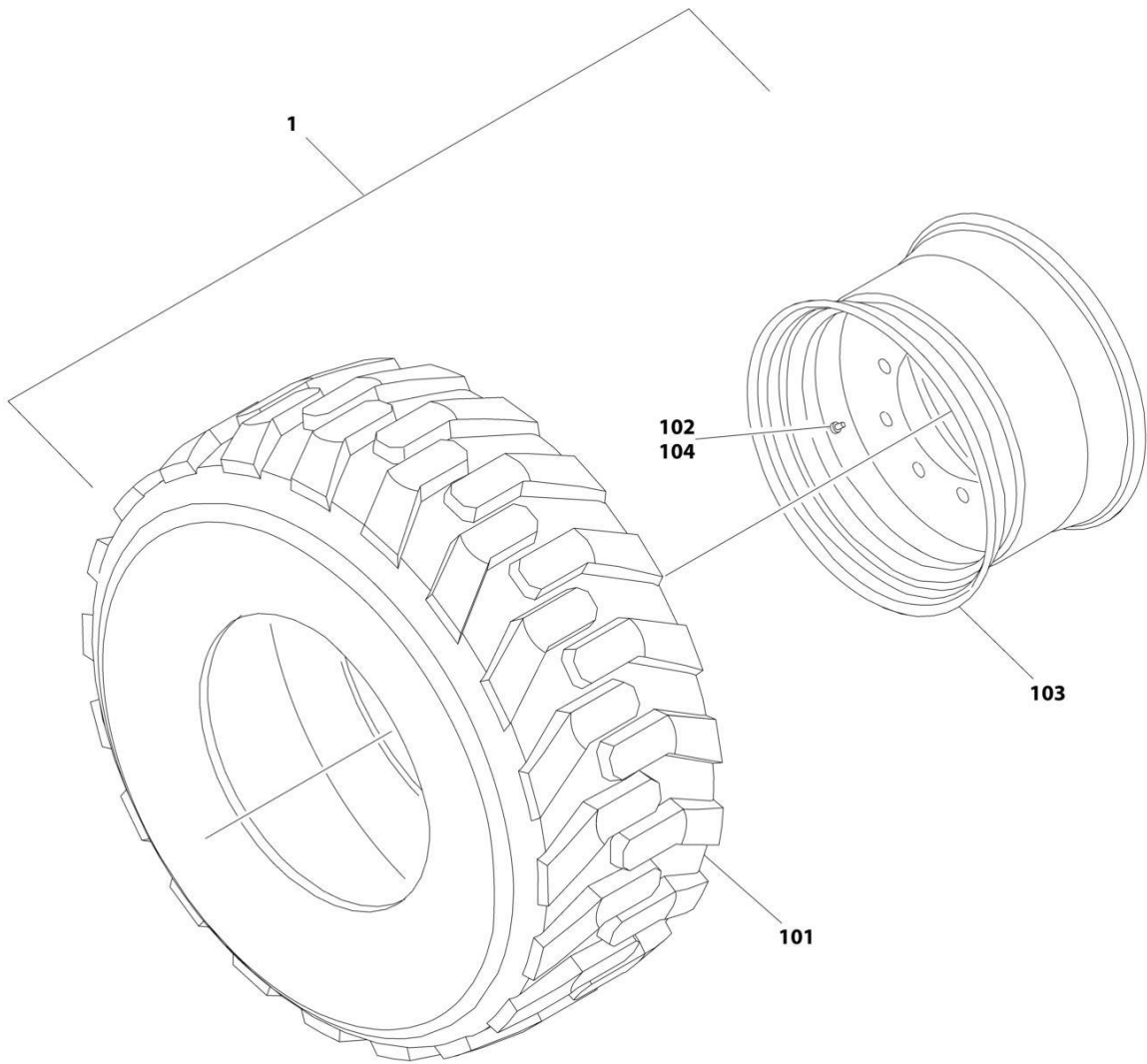
SECTION 1 - FRAME

FIGURE 1-13. TIRE AND WHEEL INSTALLATION - 12 X 16.5 FOAM FILLED (AVAILABLE ON ALL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270092	Ref	TIRE AND WHEEL INSTALLATION - 12 X 16.5 FOAM FILLED	C
		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. Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly.	
1	1001148865	2	Tire and Wheel Assembly - 12 x 16.5 (RH Side)	G
1	1001148866	2	Tire and Wheel Assembly - 12 x 16.5 (LH Side)	G
102	4520216	4	Tire - 12 x 16.5	
103	4641122	4	Valve	
104	1001147274	4	Rim, Wheel	
105	1001149953	4	Cap, Valve Stem	

SECTION 1 - FRAME

FIGURE 1-14. TIRE AND WHEEL INSTALLATION - 12 X 16.5 FF NON-MARKING (AVAILABLE ON ALL SPECS)



ART_0270653

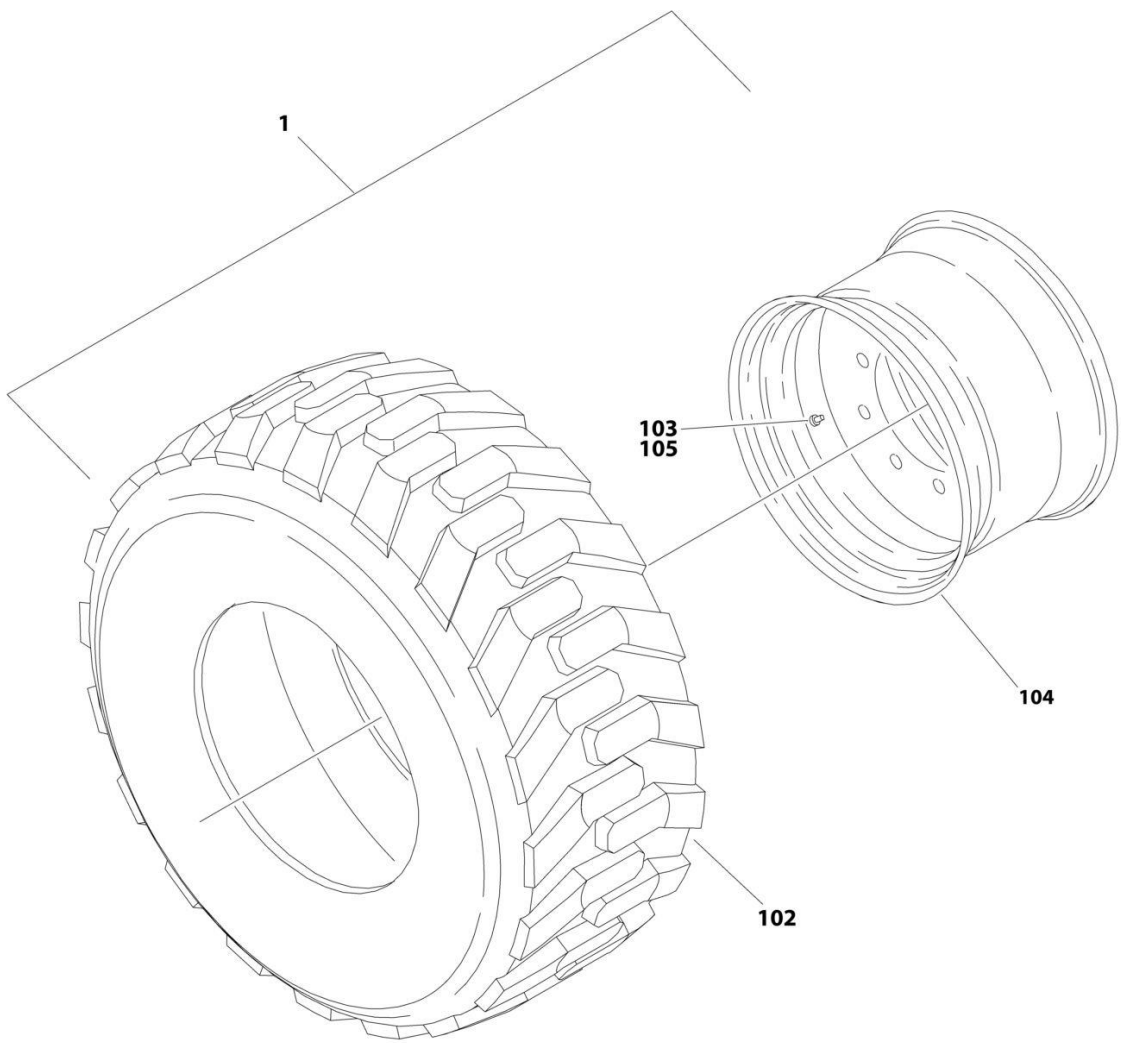
SECTION 1 - FRAME

FIGURE 1-14. TIRE AND WHEEL INSTALLATION - 12 X 16.5 FF NON-MARKING (AVAILABLE ON ALL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270653	Ref	TIRE AND WHEEL INSTALLATION - 12 X 16.5 FOAM FILLED	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. Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly.	
1	1001148869	1	Tire and Wheel Assembly - Right Side	H
1	1001148870	1	Tire and Wheel Assembly - Left Side	H
101	4520240	1	Tire 12 x 16.5 Non-Marking	
102	4641122	1	Valve	
103	1001147274	1	Rim, Wheel	
104	1001149953	1	Cap, Valve Stem	

SECTION 1 - FRAME

FIGURE 1-15. TIRE AND WHEEL INSTALLATION - 14 X 17.5 FOAM FILLED (AVAILABLE ON ALL SPECS)



ART_0271998

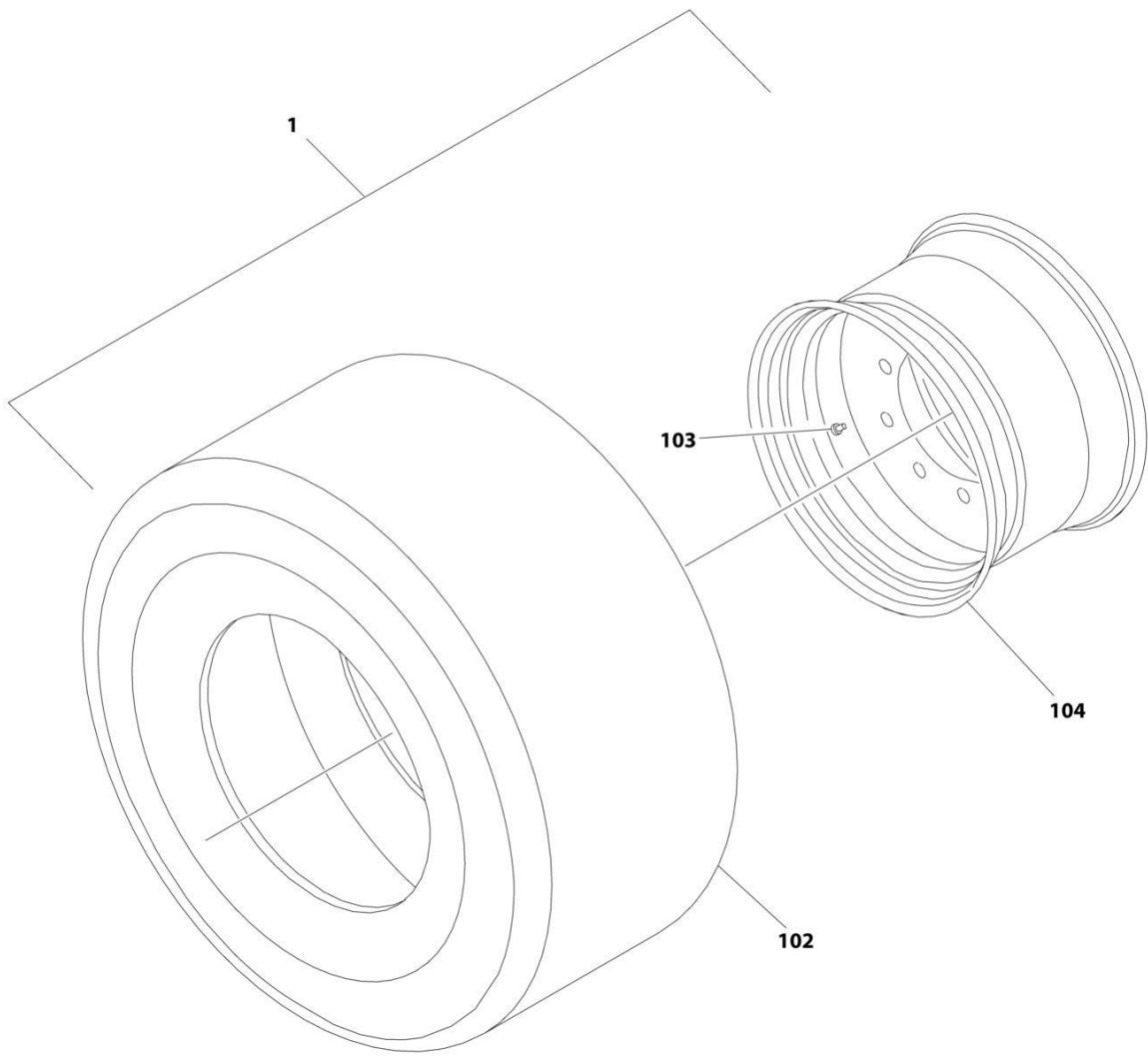
SECTION 1 - FRAME

FIGURE 1-15. TIRE AND WHEEL INSTALLATION - 14 X 17.5 FOAM FILLED (AVAILABLE ON ALL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271998	Ref	TIRE AND WHEEL INSTALLATION - 14 X 17.5 FOAM FILLED	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. Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly.	
1	1001148875	Ref	Tire and Wheel Assembly - 14 x 17.5 (RH Side)	F
1	1001148876	Ref	Tire and Wheel Assembly - 14 x 17.5 (LH Side)	F
102	4520259	4	Tire - 14 x 17.5	
103	4641122	4	Valve	
104	1001146397	4	Rim, Wheel	
105	1001149953	4	Cap, Valve Stem	

SECTION 1 - FRAME

FIGURE 1-16. TIRE AND WHEEL INSTALLATION - 33/16LL X 16.1 FOAM FILLED TURF (ANSI AND ANSI EXPORT SPECS)



ART_1001269298

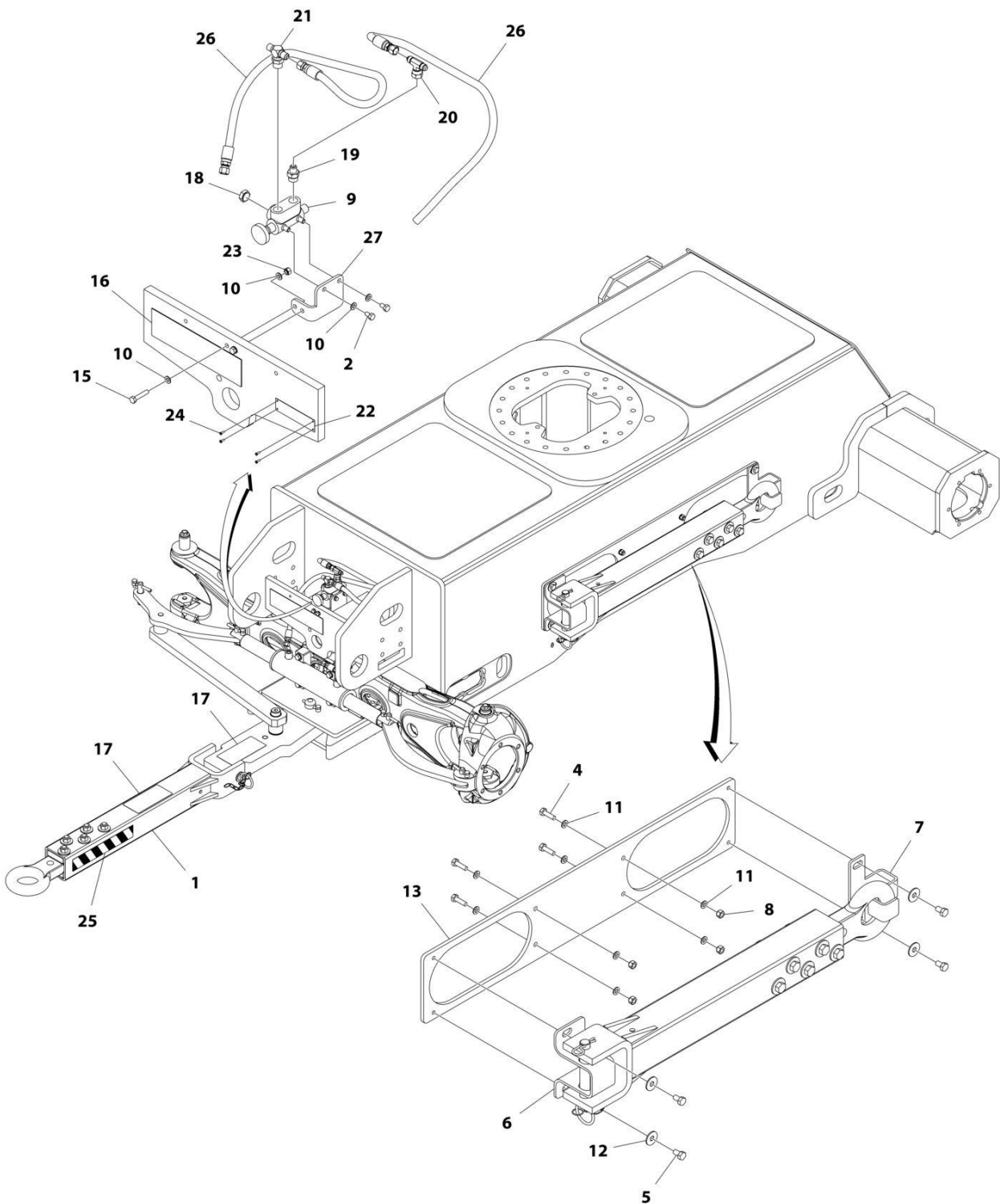
SECTION 1 - FRAME

FIGURE 1-16. TIRE AND WHEEL INSTALLATION - 33/16LL X 16.1 FOAM FILLED TURF (ANSI AND ANSI EXPORT SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001269298	Ref	TIRE AND WHEEL INSTALLATION - 33/16LL X 16.1 FOAM FILLED TURF	A
		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. Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly.	
1	1001269297	2	Tire and Wheel Assembly 33/16LL X 16.1	A
102	1300018	4	Tire - 33/16LL X 16.1	
103	4641122	4	Valve	
104	4860214	4	Rim, Wheel	

SECTION 1 - FRAME

FIGURE 1-17. TOW BAR INSTALLATION



ART_1001170736

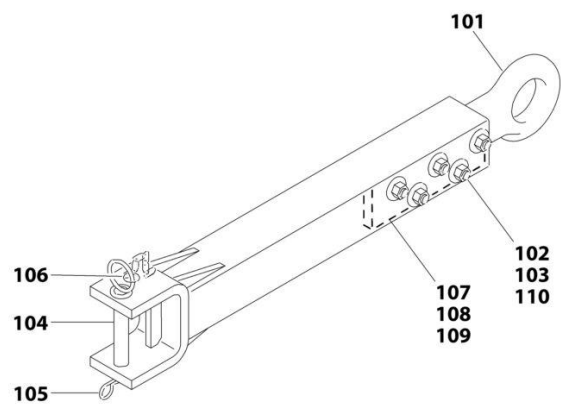
SECTION 1 - FRAME

FIGURE 1-17. TOW BAR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170736	Ref	TOW BAR INSTALLATION	D
1	0363019	1	Tow Bar Assembly (See Separate Breakdown in this Section)	
2	0641504	2	Bolt 5/16 x 1/2	
4	0641612	4	Bolt 3/8 x 1-1/2	
5	0761210	4	Bolt M12 x 20	
6	0902733	1	Bracket, Storage (Front)	
7	0902734	1	Bracket, Storage (Rear)	
8	3311605	4	Nut 3/8	
9	4640261	1	Steer/Tow Select Valve	
10	4811900	6	Washer M8	
11	4891600	8	Washer 3/8	
12	4812102	4	Washer M12	
13	1001166478	1	Plate, Tow Bar Mount	
15	0760816	2	Bolt M8 x 40	
16	1702968	1	Decal - Towing Instructions	
17	1704578	3	Decal - Crushing	
18	2220238	1	Plug ORB	
19	2220372	1	Fitting, Straight JIC/ORB	
20	2220579	1	Fitting, Tee JIC/FSJIC/JIC	
21	2221052	1	Fitting, Tee JIC/ORB/JIC	
22	3250872	1	Nameplate, Steer/Tow Select Valve	
23	3290805	2	Nut M8 x 1.25	
24	3820001	4	Rivet	
25	4420051	48 in /1.21m	Tape, Safety	
26	1001181913	2	Hose	
27	1001182155	1	Bracket, Valve Mounting	

SECTION 1 - FRAME

FIGURE 1-18. TOW BAR ASSEMBLY



ART_0363019

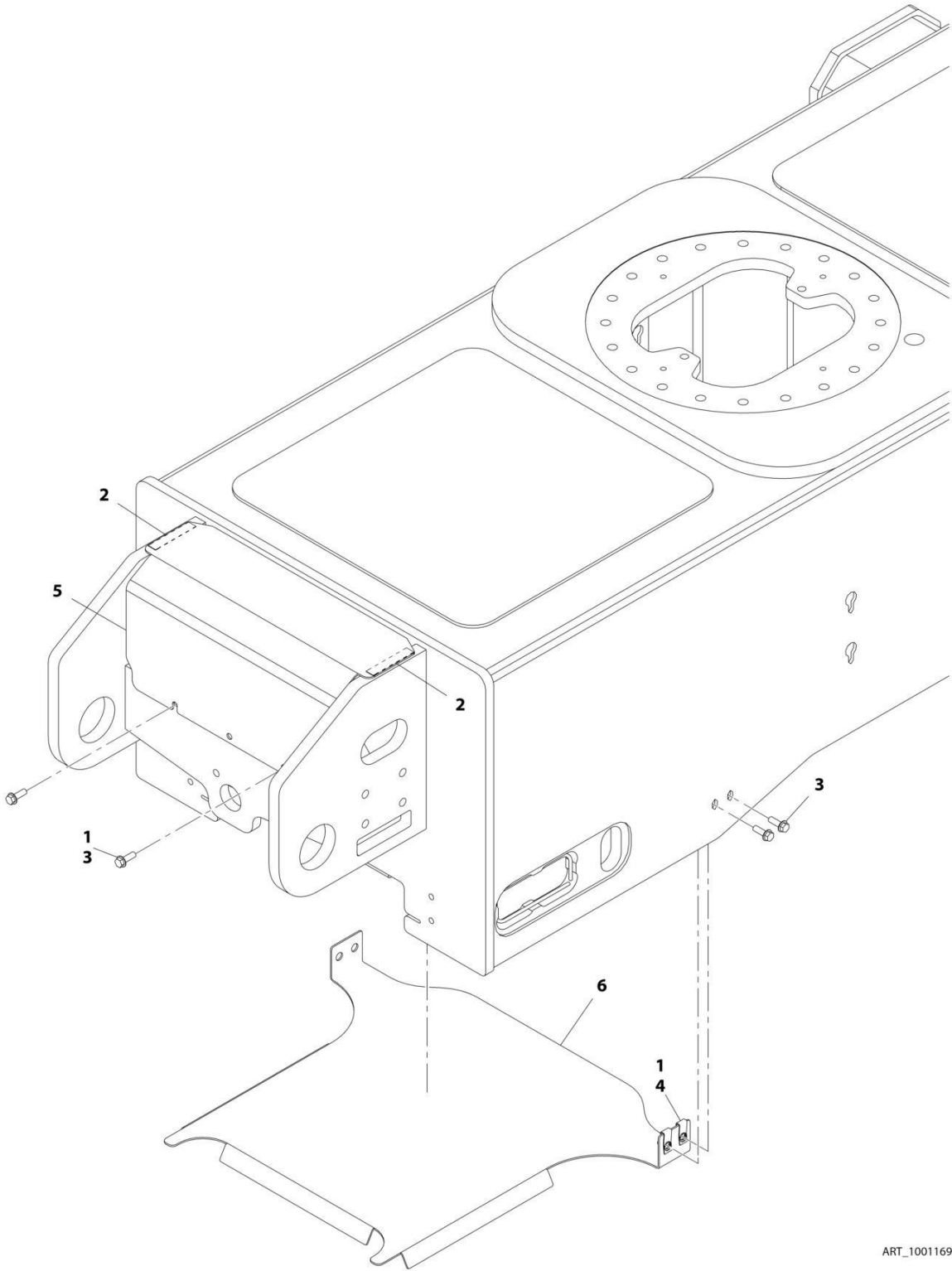
SECTION 1 - FRAME

FIGURE 1-18. TOW BAR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0363019	Ref	TOW BAR ASSEMBLY	B
101	0360406	1	Pintle, Draw Eye	
102	0682040	5	Bolt 5/8 x 5	
103	3312005	5	Nut 5/8	
104	3420352	1	Pin, Towing	
105	3420372	1	Hairpin	
106	3760170	1	Ring, Split	
107	4070450	2	Shim (.07)	
108	4070560	2	Shim (.88)	
109	4070561	2	Shim (.12)	
110	4752000	10	Washer 5/8	

SECTION 1 - FRAME

FIGURE 1-19. FRAME SHIELD INSTALLATION - WITHOUT TOW BAR



ART_1001169973

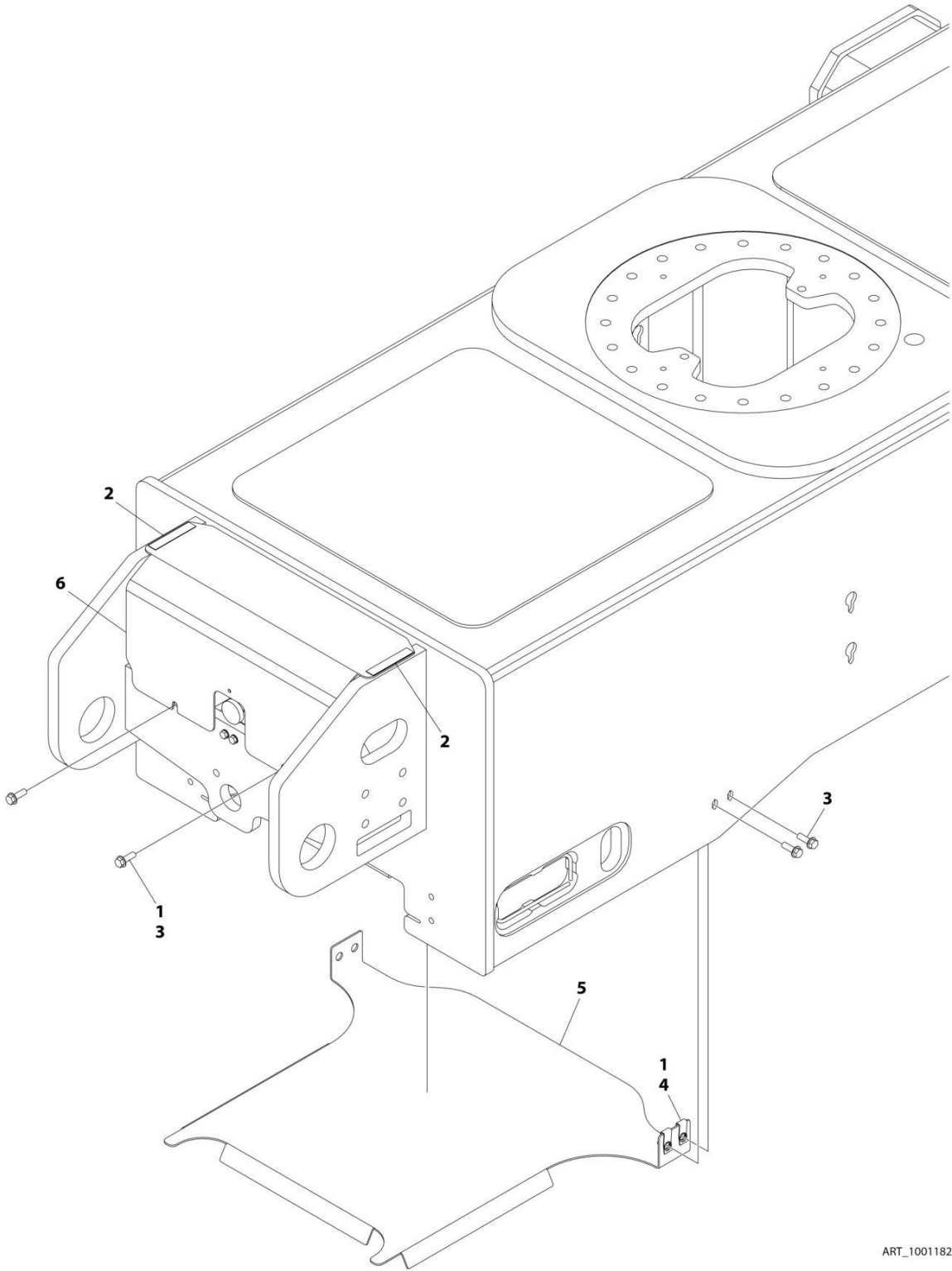
SECTION 1 - FRAME

FIGURE 1-19. FRAME SHIELD INSTALLATION - WITHOUT TOW BAR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169973	Ref	FRAME SHIELD INSTALLATION - WITHOUT TOW BAR	E
1	0100011	AR	Compound, Locking	
2	4280296	8 in / 20.3cm	Strip, Wear	
3	5251014	6	Bolt M10 x 30	
4	1001118972	4	Nut M10 x 1.5	
5	1001169086	1	Plate, Cover	
6	1001169955	1	Plate, Valve Cover	

SECTION 1 - FRAME

FIGURE 1-20. FRAME SHIELD INSTALLATION - WITH TOW BAR



ART_1001182245

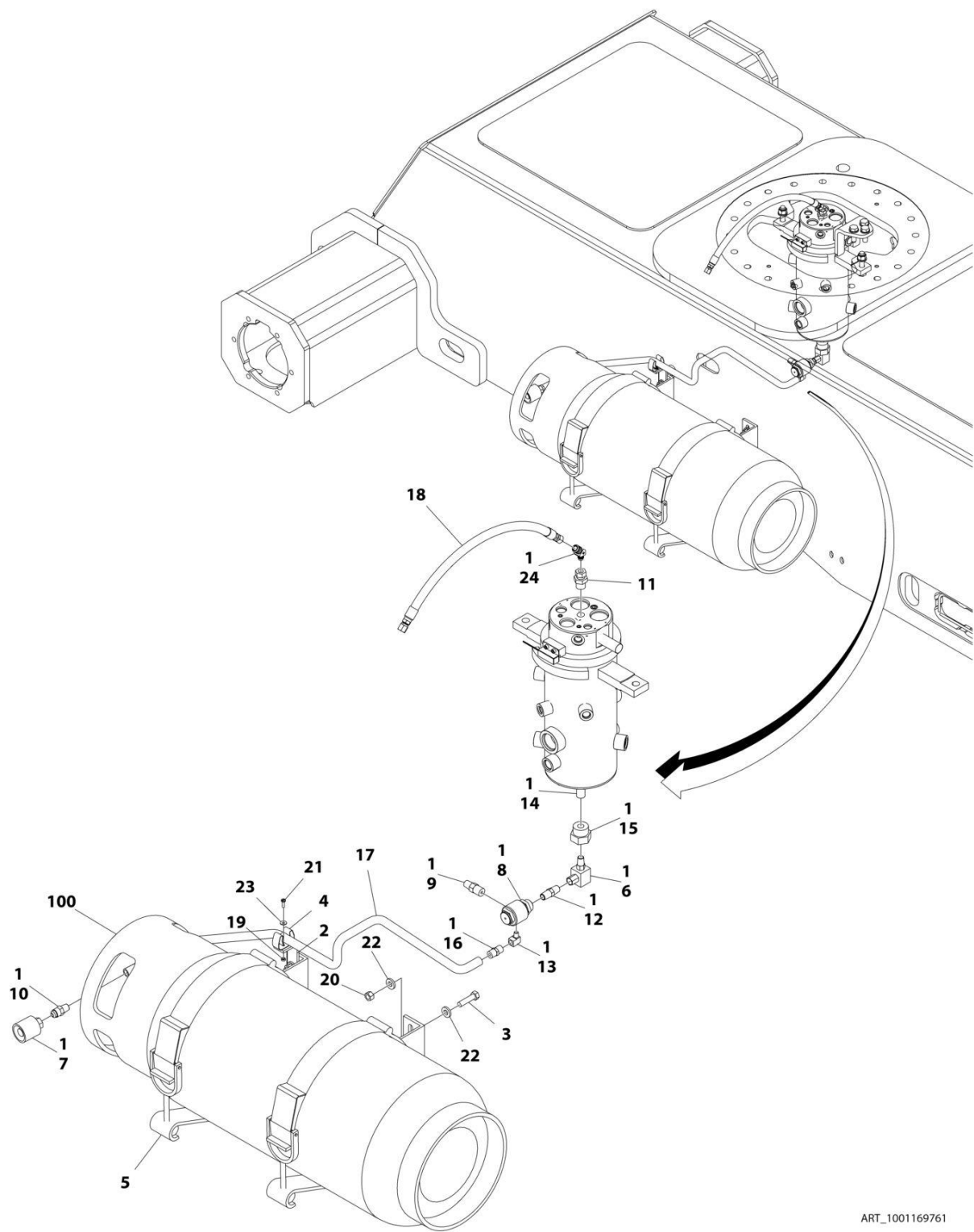
SECTION 1 - FRAME

FIGURE 1-20. FRAME SHIELD INSTALLATION - WITH TOW BAR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182245	Ref	FRAME SHIELD INSTALLATION - WITH TOW BAR	C
1	0100011	AR	Compound, Locking	
2	4280296	8 in / 20.3cm	Strip, Wear	
3	5251014	6	Bolt M10 x 30	
4	1001118972	4	Nut M10 x 1.5	
5	1001169955	1	Plate, Valve Cover	
6	1001182250	1	Plate, Cover	

SECTION 1 - FRAME

FIGURE 1-21. LP TANK BRACKETS INSTALLATION



ART_1001169761

SECTION 1 - FRAME

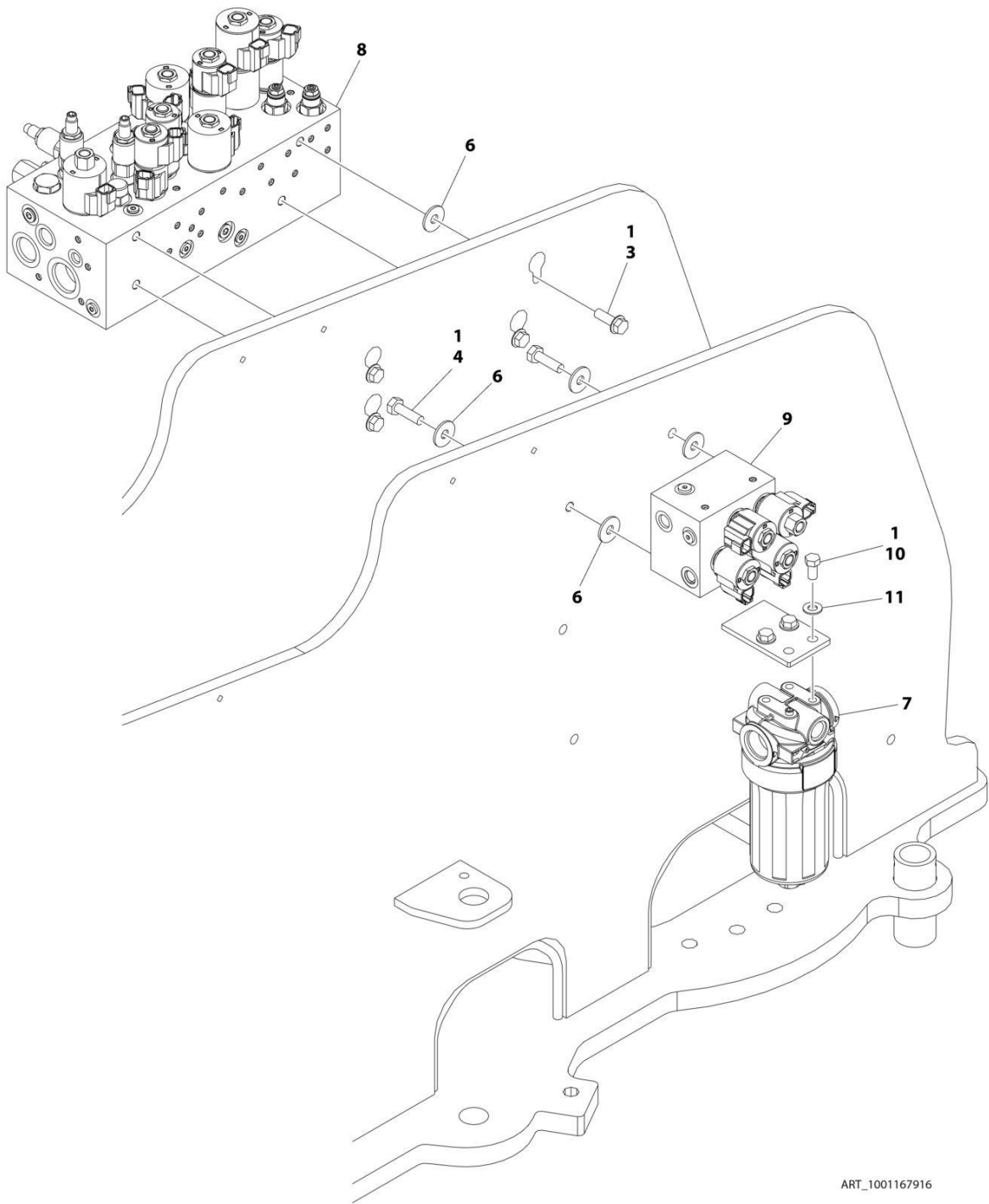
FIGURE 1-21. LP TANK BRACKETS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169761	Ref	LP TANK BRACKETS INSTALLATION	E
1	0100020	AR	Sealant, Pipe	
2	0181949	1	Angle, Support	
4	1320218	1	Clamp	
5	1320220	1	Clamp	
6	2180125	1	Fitting, Swivel 90	
7	2180387	1	Fitting, Straight	
8	2180388	1	Fitting, Bulkhead	
9	2180389	1	Valve, Relief	
10	2180418	1	Fitting, Straight	
11	2220005	1	Fitting, Straight	
12	2220261	1	Fitting, Nipple	
13	2220648	1	Fitting, 90 FNPTF/NPTF	
14	2221018	1	Nipple, Pipe	
15	2221019	1	Fitting, Reducer	
16	2221024	1	Fitting, Nipple	
17	2720144	1	Hose	
18	2720392	1	Hose	
19	3290401	1	Nut M4 x 0.7	
21	3900332	1	Screw M4 x 14	
23	1001091102	1	Washer	
24	1001239802	1	Fitting, 45	
25	3311601	4	Nut 3/8	
26	4891600	8	Washer 3/8	
27	0641612	4	Bolt 3/8 x 1-1/2	
100	4400275	1	Tank, LP 43.5 Lbs (Aluminum)	

SECTION 2 - TURNTABLE

SECTION 2 - TURNTABLE

FIGURE 2-1. CONTROL VALVES INSTALLATION - 400S



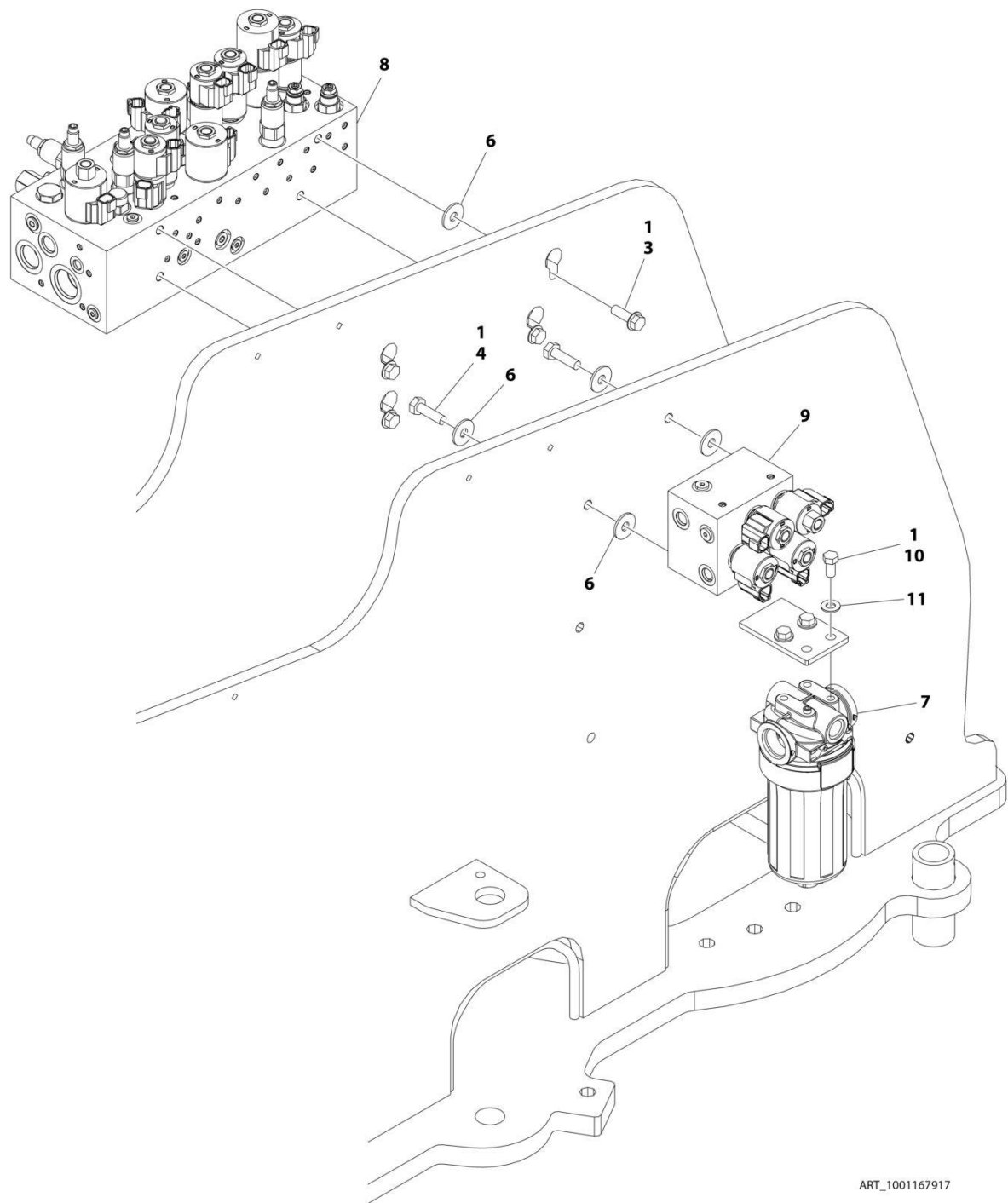
SECTION 2 - TURNTABLE

FIGURE 2-1. CONTROL VALVES INSTALLATION - 400S

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167916	Ref	CONTROL VALVES INSTALLATION	F
1	0100011	AR	Compound, Locking	
3	5251014	4	Bolt M10 x 30	
4	0761015	2	Bolt M10 x 35	
6	4812002	8	Washer M10	
7	1001208874	1	Filter, Charge Pump	
7	70010383	1	Element, Filter (Includes O-Ring)	
8	1001162531	1	Main Valve Assembly (See Separate Breakdown in this Section)	
9	1001162538	1	Axle Valve Assembly (See Separate Breakdown in this Section)	
10	0761010	3	Bolt M10 x 20	
11	4812000	3	Washer M10	

SECTION 2 - TURNTABLE

FIGURE 2-2. CONTROL VALVES INSTALLATION - 460SJ



ART_1001167917

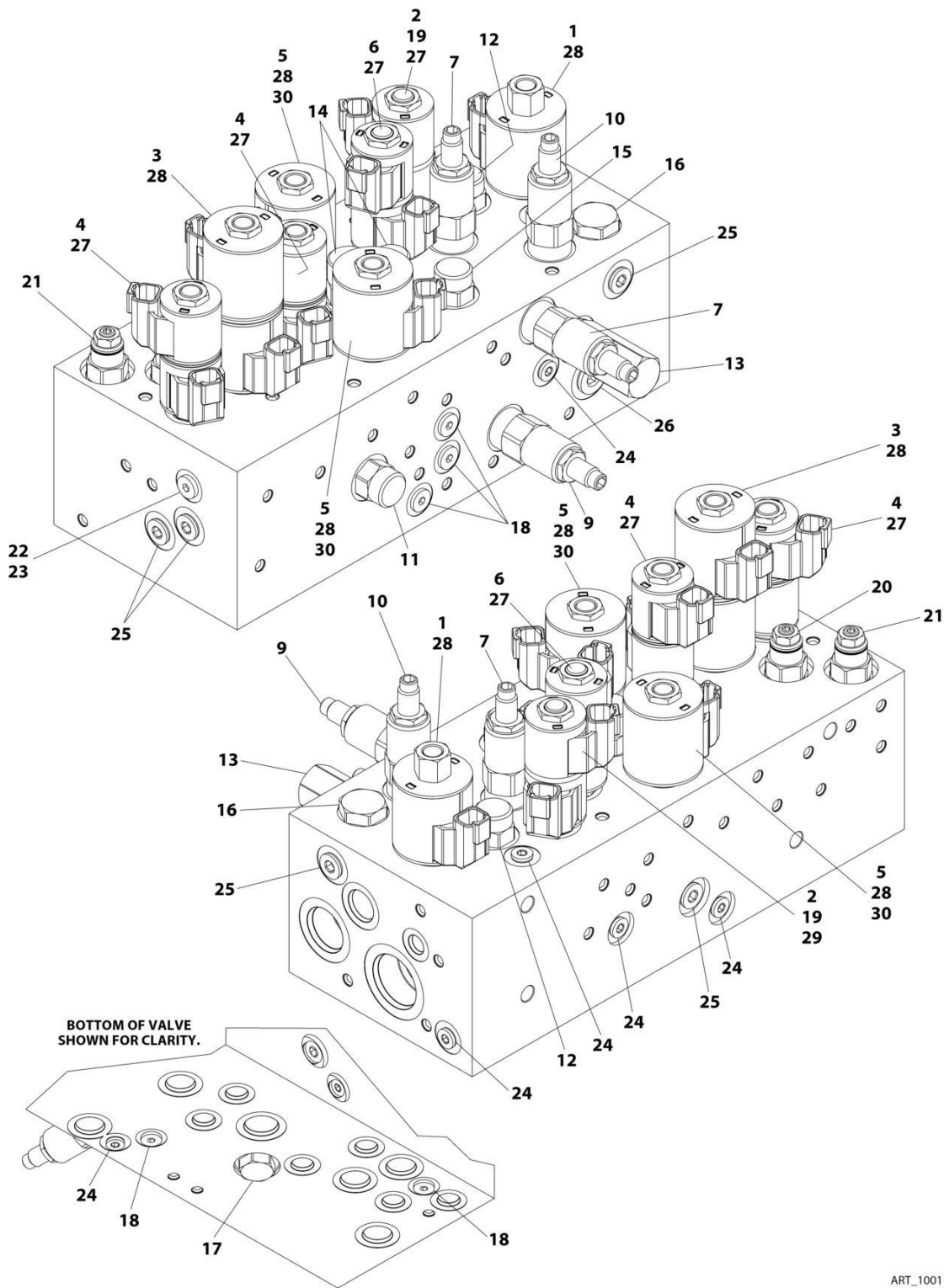
SECTION 2 - TURNTABLE

FIGURE 2-2. CONTROL VALVES INSTALLATION - 460SJ

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167917	Ref	CONTROL VALVES INSTALLATION	F
1	0100011	AR	Compound, Locking	
3	5251014	4	Bolt M10 x 30	
4	0761015	2	Bolt M10 x 35	
6	4812002	8	Washer M10	
7	1001208874	1	Filter, Charge Pump	
7	70010383	1	Element, Filter (Includes O-Ring)	
8	1001162532	1	Main Valve Assembly (See Separate Breakdown in this Section)	
9	1001162538	1	Axle Valve Assembly (See Separate Breakdown in this Section)	
10	0761010	3	Bolt M10 x 20	
11	4812000	3	Washer M10	

SECTION 2 - TURNTABLE

FIGURE 2-3. MAIN VALVE ASSEMBLY - 400S



ART_1001162531

SECTION 2 - TURNTABLE

FIGURE 2-3. MAIN VALVE ASSEMBLY - 400S

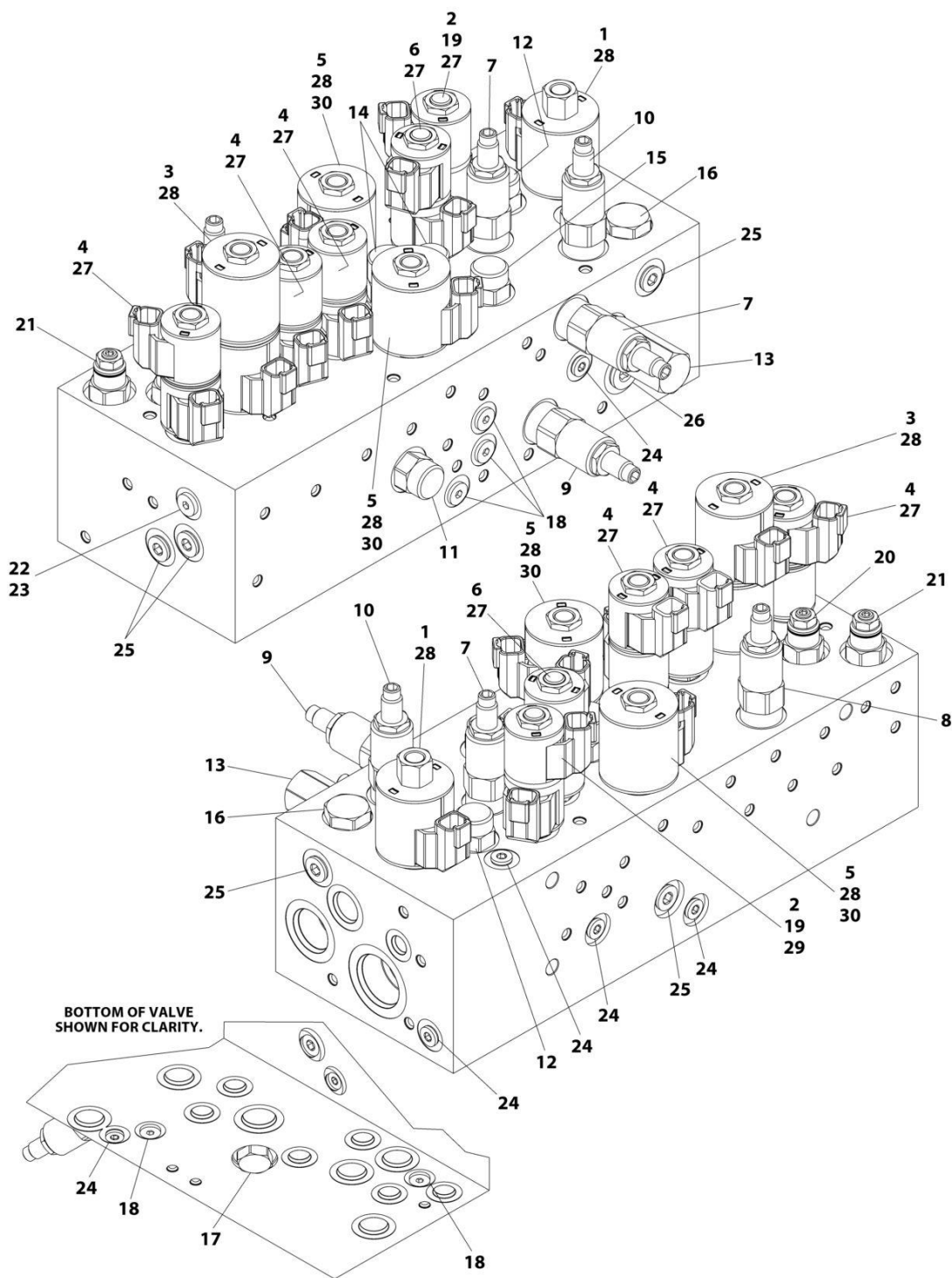
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162531	Ref	MAIN VALVE ASSEMBLY	F
1	70005069	1	Cartridge, Solenoid Less Coil (Main Dump)	
1	7022399	1	Seal Kit - 70005069 Valve	
1	70003977	1	Nut, Coil	
2	70005217	1	Cartridge, Solenoid Less Coil (Steer)	
2	70005071	1	Seal Kit - 70005217 Valve	
2	7022390	1	Nut, Coil	
3	70005072	1	Cartridge, Solenoid Less Coil (Tele)	
3	70005073	1	Seal Kit - 70005072 Valve	
3	7022390	1	Nut, Coil	
3	70003024	1	Spacer, Coil	
4	70005074	2	Cartridge, Solenoid Valve Less Coil (Platform Level and Rotate)	
4	70005075	2	Seal Kit - 70005074 Valve	
4	7022390	2	Nut, Coil	
4	70003023	2	Spacer, Coil	
5	70005076	2	Cartridge, Solenoid Less Coil (Lift Up and Flow Control)	
5	7022399	2	Seal Kit - 70005076 Valve	
5	7022390	2	Nut, Coil	
6	70005077	1	Cartridge, Solenoid Valve Less Coil (Swing)	
6	70005071	1	Seal Kit - 70005077 Valve	
6	7022390	1	Nut, Coil	
6	70003023	1	Spacer, Coil	
7	70005078	2	Cartridge, Relief Valve	
7	7023936	2	Seal Kit - 70005078 Valve	
9	70005079	1	Cartridge, Relief Valve	
9	7023936	1	Seal Kit - 70005079 Valve	
10	70005080	1	Cartridge, Relief Valve	
10	7022399	1	Seal Kit - 70005080 Valve	
11	70005081	1	Cartridge, Valve	
11	70005082	1	Seal Kit - 70005081 Valve	
12	70005218	1	Cartridge, Valve	
12	70005082	1	Seal Kit - 70005218 Valve	
13	70005084	1	Cartridge, Valve	
13	70005085	1	Seal Kit - 70005084 Valve	
14	70005086	2	Cartridge, Valve	
14	70005087	2	Seal Kit - 70005086 Valve	
15	70005088	1	Cartridge, Valve	
15	7023900	1	Seal Kit - 70005088 Valve	
16	70003408	1	Cartridge, Valve	
16	7022399	1	Seal Kit - 70005100 Valve	
17	70005089	1	Cartridge, Check Valve	
17	7023936	1	Seal Kit - 70005089 Valve	
18	70005090	5	Cartridge, Check Valve	
18	70005092	5	Seal Kit - 70005090 Valve	
19	70002974	1	Disc, Check Valve	
20	70005108	1	Cartridge, Valve	
20	2900770	1	Seal Kit - 70005108 Valve	
21	70005109	1	Cartridge, Valve	
21	2900770	1	Seal Kit - 70005109 Valve	
22	70005091	1	Orifice	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
23	2220883	1	Plug, O-Ring #4	
24	91164059	6	Plug	
25	91164079	6	Plug	
26	91164057	1	Plug	
27	70002386	6	Coil	
28	70003788	5	Coil	
29	70005219	2	Coil	
30	70005724	2	Lockdown Kit	

SECTION 2 - TURNTABLE

FIGURE 2-4. MAIN VALVE ASSEMBLY - 460SJ



ART_1001162532

SECTION 2 - TURNTABLE

FIGURE 2-4. MAIN VALVE ASSEMBLY - 460SJ

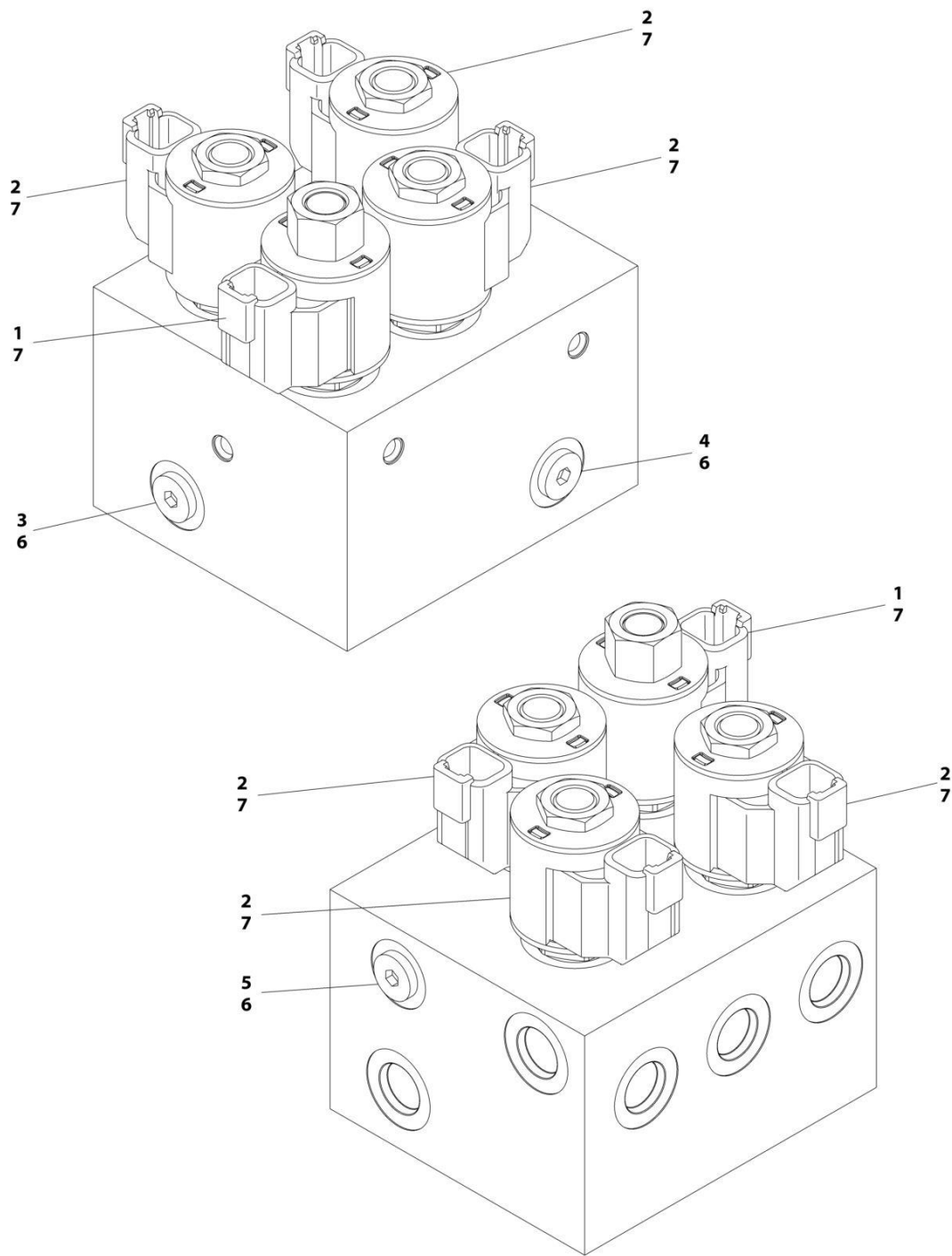
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162532	Ref	MAIN VALVE ASSEMBLY	F
1	70005069	1	Cartridge, Solenoid Less Coil (Main Dump)	
1	7022399	1	Seal Kit - 70005069 Valve	
1	70003977	1	Nut, Coil	
2	70005217	1	Cartridge, Solenoid Less Coil (Steer)	
2	70005071	1	Seal Kit - 70005217 Valve	
2	7022390	1	Nut, Coil	
3	70005072	1	Cartridge, Solenoid Less Coil (Tele)	
3	70005073	1	Seal Kit - 70005072 Valve	
3	7022390	1	Nut, Coil	
3	70003024	1	Spacer, Coil	
4	70005074	3	Cartridge, Solenoid Valve Less Coil (Platform Level, Platform Rotate and Jib Lift)	
4	70005075	3	Seal Kit - 70005074 Valve	
4	7022390	3	Nut, Coil	
4	70003023	3	Spacer, Coil	
5	70005076	2	Cartridge, Solenoid Less Coil (Lift Up and Flow Control)	
5	7022399	2	Seal Kit - 70005076 Valve	
5	7022390	2	Nut, Coil	
6	70005077	1	Cartridge, Solenoid Valve Less Coil (Swing)	
6	70005071	1	Seal Kit - 70005077 Valve	
6	7022390	1	Nut, Coil	
6	70003023	1	Spacer, Coil	
7	70005078	2	Cartridge, Relief Valve	
7	7023936	2	Seal Kit - 70005078 Valve	
8	70005093	1	Cartridge, Valve	
8	7023936	1	Seal Kit - 70005093 Valve	
9	70005079	1	Cartridge, Relief Valve	
9	7023936	1	Seal Kit - 70005079 Valve	
10	70005080	1	Cartridge, Relief Valve	
10	7022399	1	Seal Kit - 70005080 Valve	
11	70005081	1	Cartridge, Valve	
11	70005082	1	Seal Kit - 70005081 Valve	
12	70005218	1	Cartridge, Valve	
12	70005082	1	Seal Kit - 70005218 Valve	
13	70005084	1	Cartridge, Valve	
13	70005085	1	Seal Kit - 70005084 Valve	
14	70005086	2	Cartridge, Valve	
14	70005087	2	Seal Kit - 70005086 Valve	
15	70005088	1	Cartridge, Valve	
15	7023900	1	Seal Kit - 70005088 Valve	
16	70003408	1	Cartridge, Valve	
16	7022399	1	Seal Kit - 70005100 Valve	
17	70005089	1	Cartridge, Check Valve	
17	7023936	1	Seal Kit - 70005089 Valve	
18	70005090	5	Cartridge, Check Valve	
18	70005092	5	Seal Kit - 70005090 Valve	
19	70002974	1	Disc, Check Valve	
20	70005108	1	Cartridge, Valve	
20	2900770	1	Seal Kit - 70005108 Valve	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
21	70005109	1	Cartridge, Valve	
21	2900770	1	Seal Kit - 70005109 Valve	
22	70005091	1	Orifice	
23	2220883	1	Plug, O-Ring #4	
24	91164059	6	Plug	
25	91164079	6	Plug	
26	91164057	1	Plug	
27	70002386	8	Coil	
28	70003788	5	Coil	
29	70005219	2	Coil	
30	70005724	2	Lockdown Kit	

SECTION 2 - TURNTABLE

FIGURE 2-5. AXLE VALVE ASSEMBLY



ART_1001162538

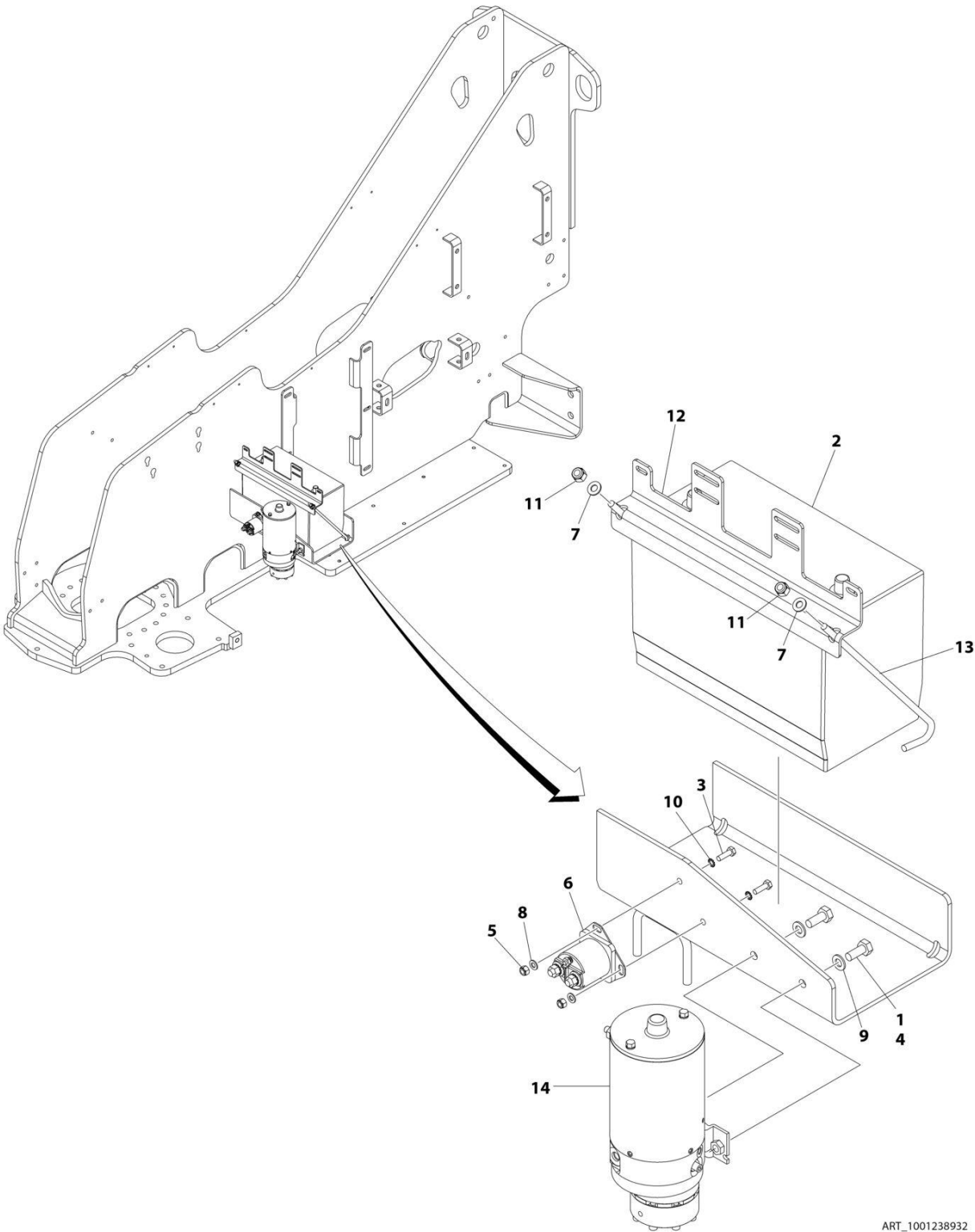
SECTION 2 - TURNTABLE

FIGURE 2-5. AXLE VALVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162538	Ref	AXLE VALVE ASSEMBLY	D
1	7017410	1	Cartridge, Solenoid Valve Less Coil (Secondary Axle Release)	
1	7012967	1	Seal Kit - 7017410 Valve	
2	7012941	3	Cartridge, Solenoid Valve Less Coil (Brake Release, Primary Axle Release and 2 Speed)	
2	7010543	3	Seal Kit - 7012941 Valve	
3	70004883	1	Orifice	
4	70004884	1	Orifice	
5	70002063	1	Orifice	
6	2220883	3	Plug, O-Ring #4	
7	70002386	4	Coil	

SECTION 2 - TURNTABLE

FIGURE 2-6. AUXILIARY PUMP AND BATTERY WITH DISCONNECT SWITCH INSTALLATION



ART_1001238932

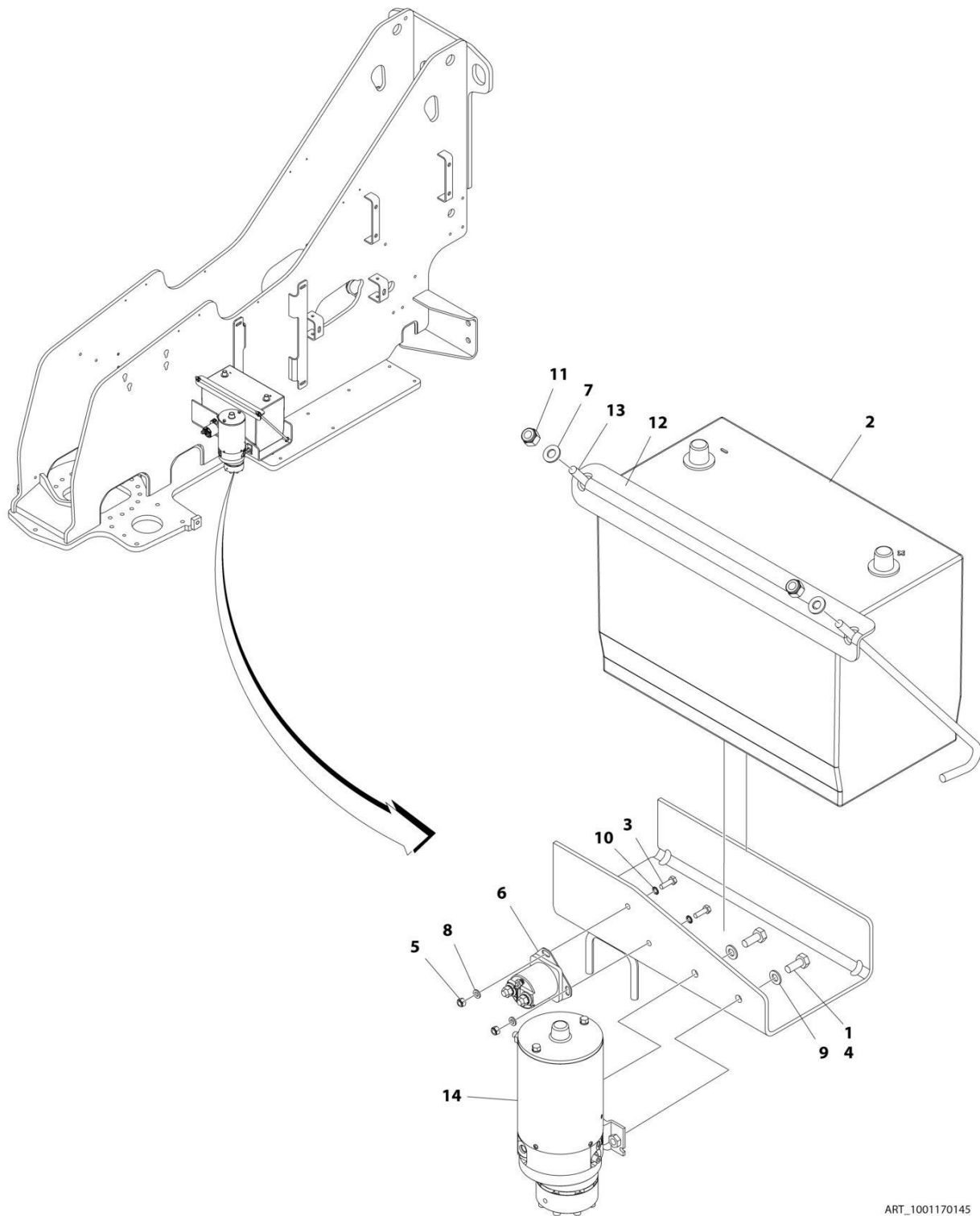
SECTION 2 - TURNTABLE

FIGURE 2-6. AUXILIARY PUMP AND BATTERY WITH DISCONNECT SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238932	Ref	AUXILIARY PUMP AND BATTERY INSTALLATION WITH DISCONNECT	A
1	0100011	AR	Compound, Locking	
2	0400075	1	Battery	
3	0760610	2	Bolt M6 x 20	
4	0761012	2	Bolt M10 x 25	
5	3290605	2	Nut M6	
6	3740067	1	Relay	
6	3300220	2	Nut 3/8	
6	3321001	1	Nut #10	
6	4761000	1	Washer #10	
6	1001111424	2	Washer 3/8	
7	4711500	2	Washer 5/16	
8	4811700	2	Washer M6	
9	4812000	2	Washer M10	
10	4871700	2	Washer M6	
11	88521205	2	Nut 5/16	
12	1001236303	1	Bracket	
13	1001093382	2	J-Bolt	
14	1001185821	1	Auxiliary Pump Assembly (See Separate Breakdown in this Section)	

SECTION 2 - TURNTABLE

FIGURE 2-7. AUXILIARY PUMP AND BATTERY INSTALLATION



ART_1001170145

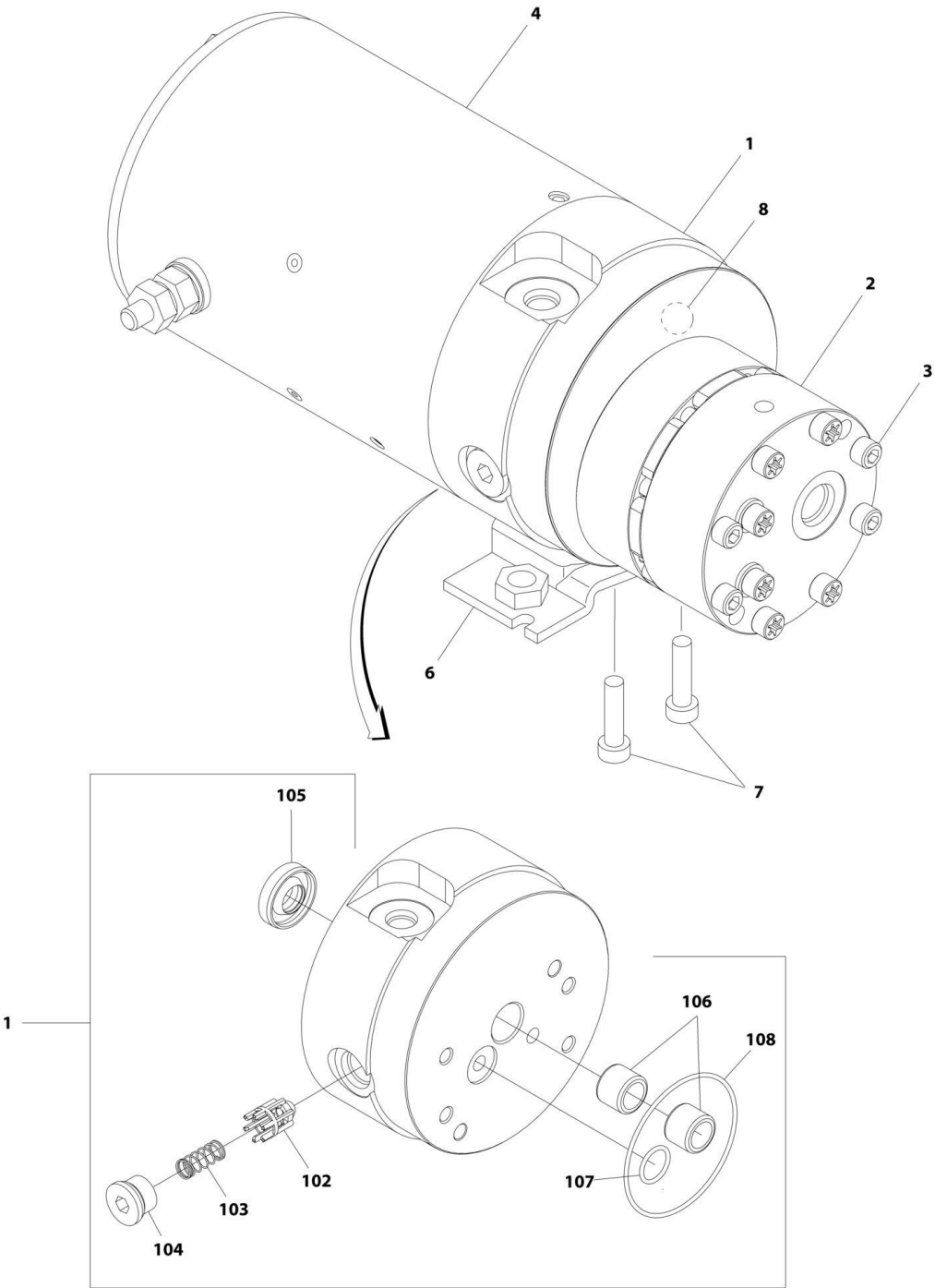
SECTION 2 - TURNTABLE

FIGURE 2-7. AUXILIARY PUMP AND BATTERY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170145	Ref	AUXILIARY PUMP AND BATTERY INSTALLATION	C
1	0100011	AR	Compound, Locking	
2	0400075	1	Battery	
3	0760610	2	Bolt M6 x 20	
4	0761012	2	Bolt M10 x 25	
5	3290605	2	Nut M6	
6	3740067	1	Relay	
6	3300220	2	Nut 3/8	
6	3321001	1	Nut #10	
6	4761000	1	Washer #10	
6	1001111424	2	Washer 3/8	
7	4711500	2	Washer 5/16	
8	4811700	2	Washer M6	
9	4812000	2	Washer M10	
10	4871700	2	Washer M6	
11	88521205	2	Nut 5/16	
12	91401281	1	Bracket	
13	1001093382	2	J-Bolt	
14	1001185821	1	Auxiliary Pump Assembly (See Separate Breakdown in this Section)	

SECTION 2 - TURNTABLE

FIGURE 2-8. AUXILIARY PUMP ASSEMBLY



ART_1001185821

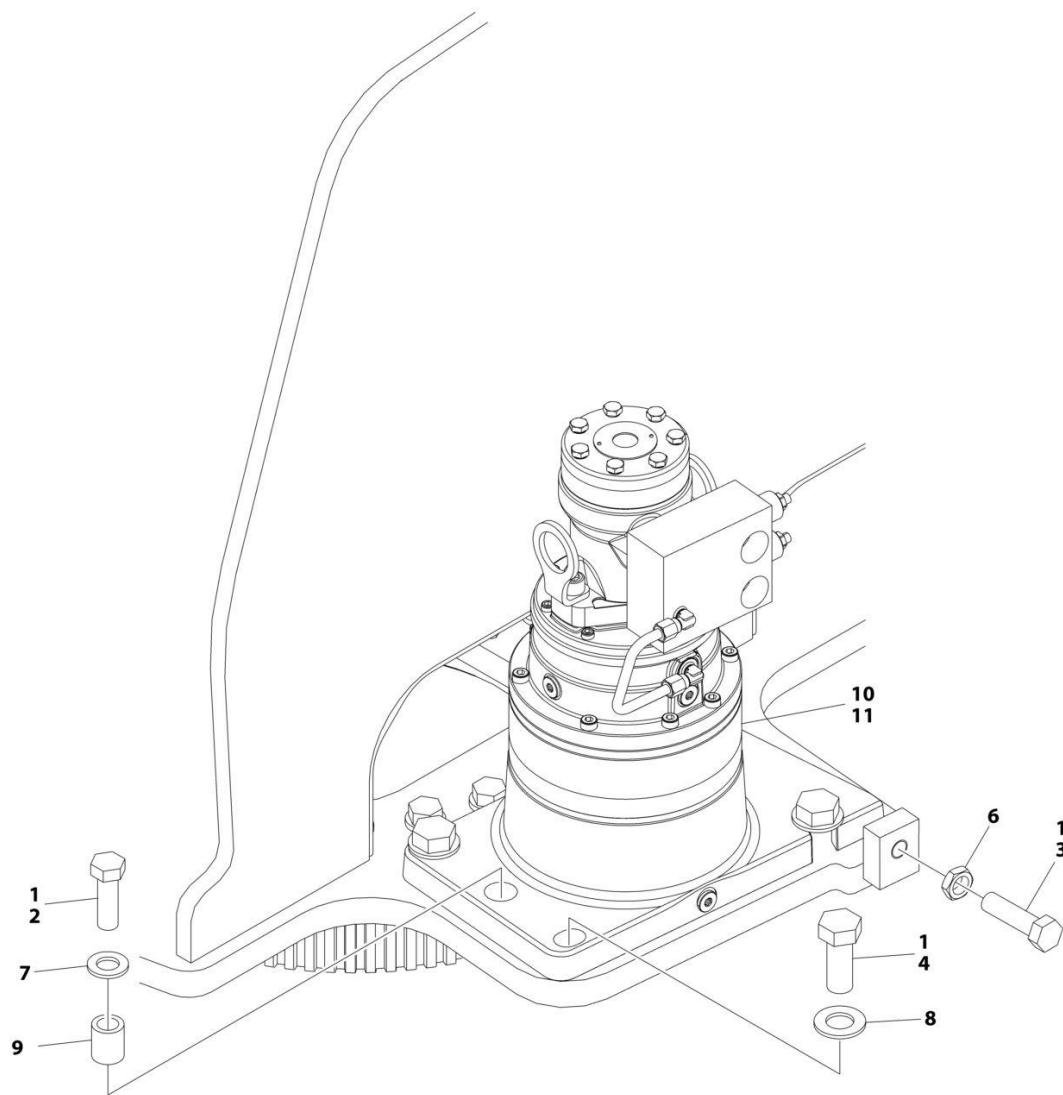
SECTION 2 - TURNTABLE

FIGURE 2-8. AUXILIARY PUMP ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185821	Ref	AUXILIARY PUMP ASSEMBLY	B
1	70005065	1	Base Assembly (See Items 102-108 for Breakdown)	
2	70005066	1	Pump Assembly (Note: No Seal Kit or Internal Components are Available - Purchase Complete Pump Assembly)	
3	70005067	4	Capscrew 1/4 x 2-3/4	
4	70004013	1	Motor Assembly (Note: No Internal Components are Available - Purchase Complete Motor Assembly)	
6	70004014	1	Bracket	
7	70004000	2	Capscrew 3/8 x 1	
8	70005068	1	Relief Valve Assembly	
	70005065	Ref	BASE ASSEMBLY	
102	See Note	NSS	Poppet, Check (Note: Use p/n 70005065)	
103	See Note	NSS	Spring (Note: Use p/n 70005065)	
104	See Note	NSS	Plug (Note: Use p/n 70005065)	
105	7026330	1	Seal, Shaft	
106	70005139	2	Bearing	
107	70003612	1	O-Ring	
108	70004267	1	O-Ring	

SECTION 2 - TURNTABLE

FIGURE 2-9. SWING DRIVE INSTALLATION



ART_1001228492

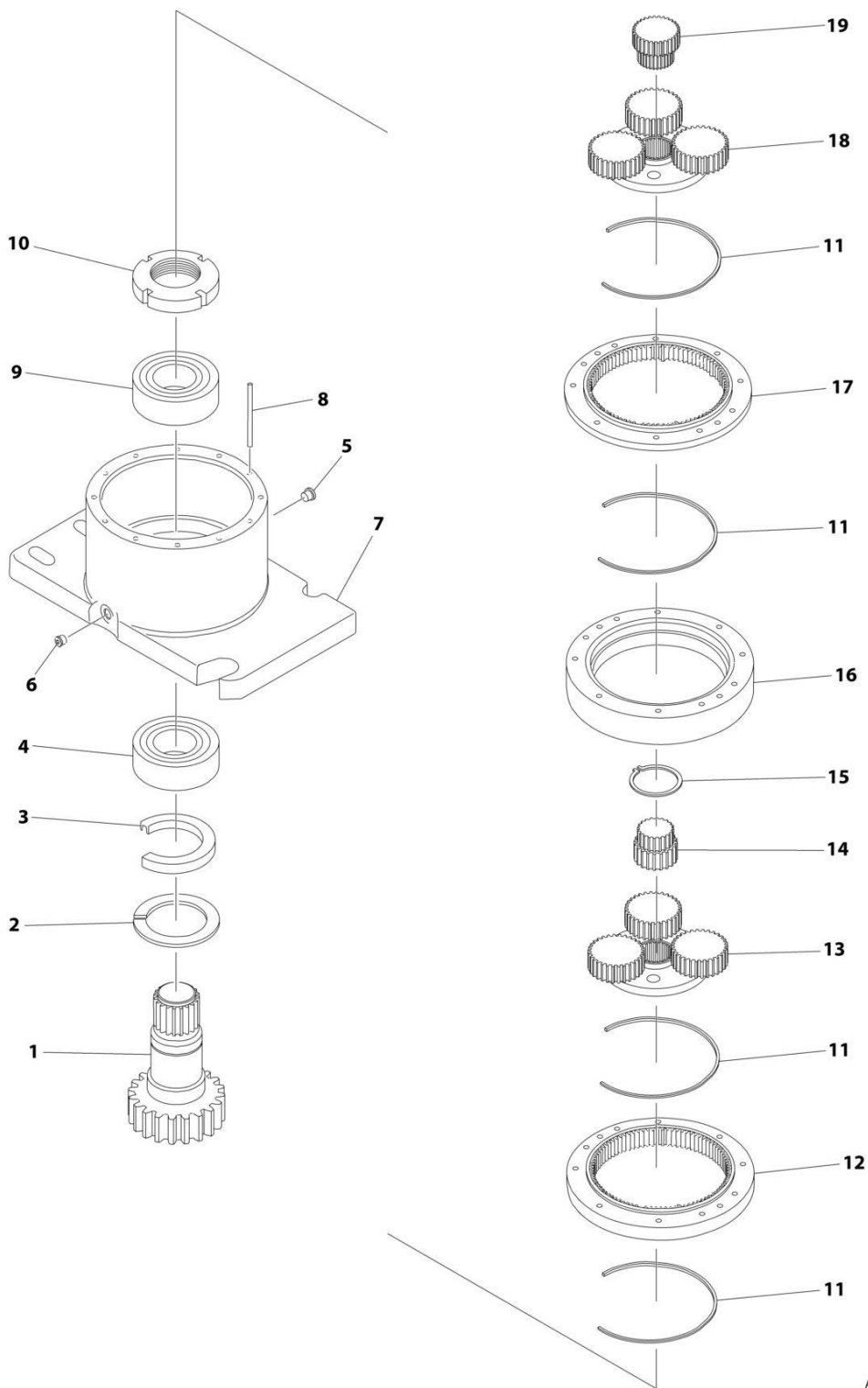
SECTION 2 - TURNTABLE

FIGURE 2-9. SWING DRIVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228492	Ref	SWING DRIVE INSTALLATION	C
1	0100019	AR	Compound, Locking	
2	0701618	1	Bolt M16 x 50	
3	0761620	1	Bolt M16 x 60	
4	0772018	4	Bolt M20 x 50 Grade 10.9	
6	3291602	1	Nut M16	
7	5241600	1	Washer M16	
8	5242000	4	Washer M20	
9	1001134543	1	Sleeve, Spacer	
10	4071009	1	Shim	
11	1001228487	1	Swing Hub/Motor Assembly (See Separate Breakdown in this Section)	

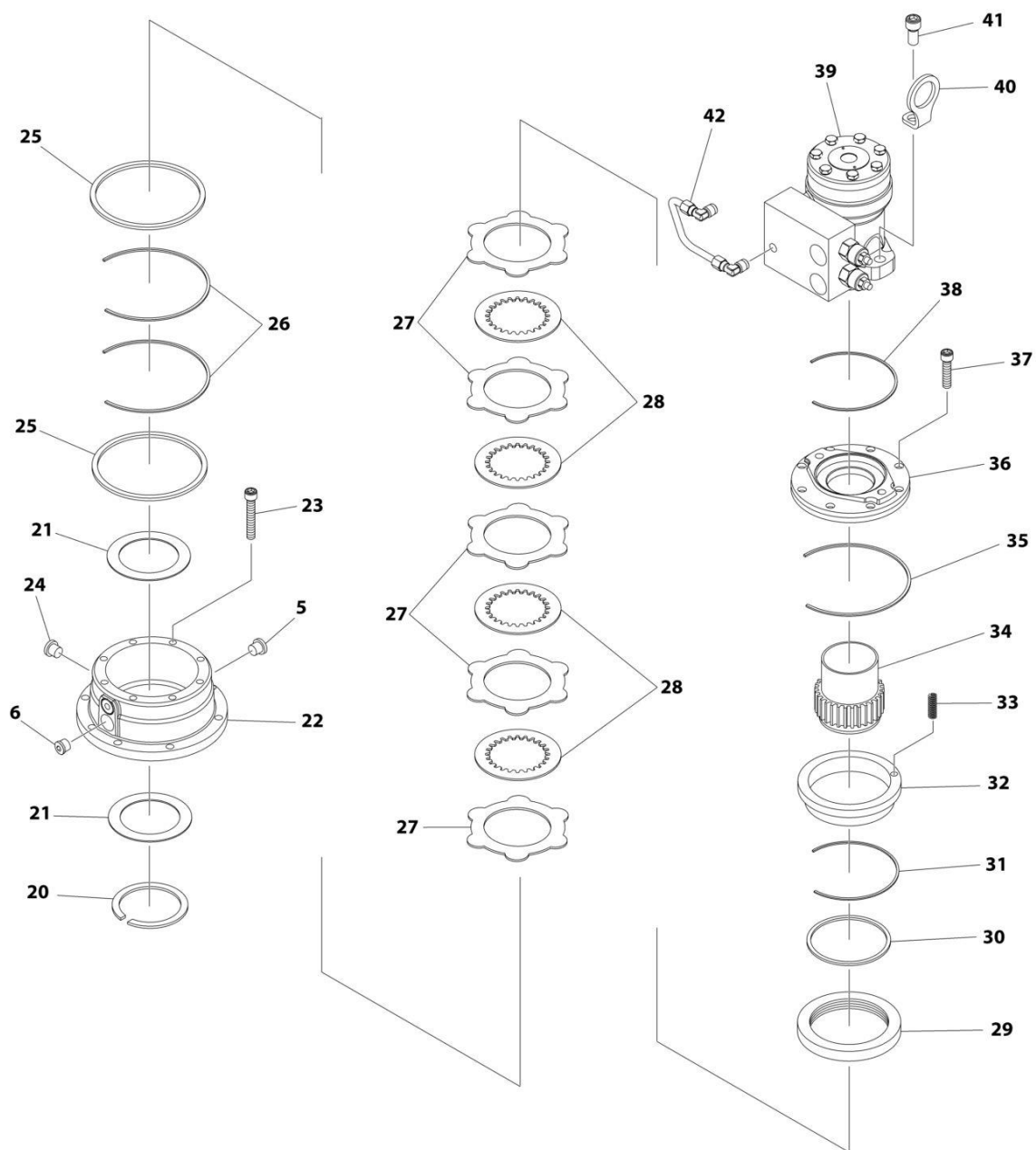
SECTION 2 - TURNTABLE

FIGURE 2-10. SWING HUB/MOTOR ASSEMBLY



ART_1001228487_1OF2

SECTION 2 - TURNTABLE



ART_1001228487_2OF2

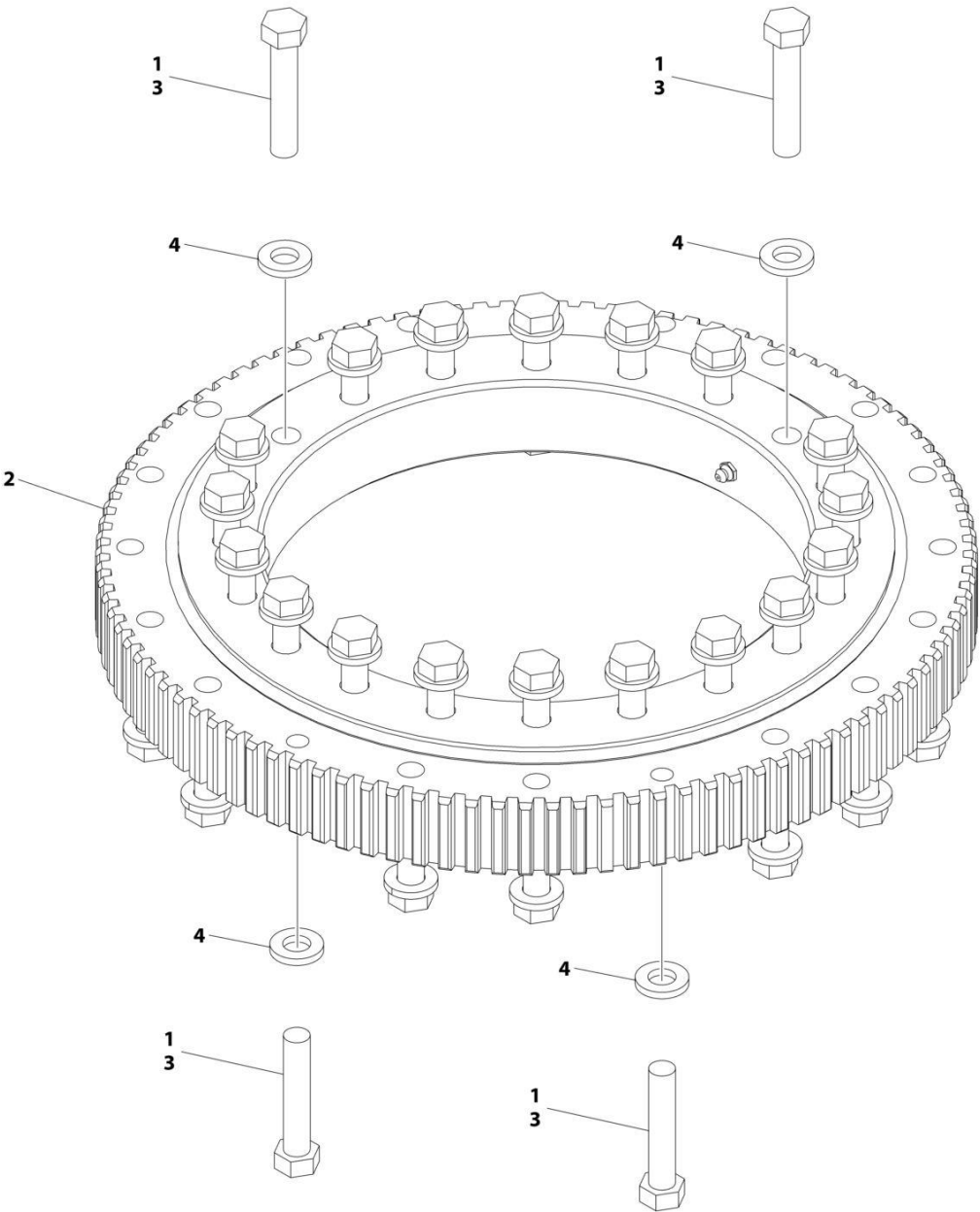
SECTION 2 - TURNTABLE

FIGURE 2-10. SWING HUB/MOTOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228487	Ref	SWING HUB/MOTOR ASSEMBLY	C
1	70007022	1	Output Shaft	
2	70007023	1	Ring	
3		Ref	Oil Seal	
4	70007024	1	Tapered Roller Bearing	
5	70004469	2	Magnetic Plug with O-Ring	
6	70002057	4	Plug with O-Ring	
7	NSS	1	Output Support	
8	70007025	2	Spring Pin	
9	70007026	1	Tapered Roller Bearing	
10	70007027	1	Ring Nut	
11		Ref	O-Ring	
12	70006990	1	Planetary Ring	
13	70007028	1	Complete Reduction	
14	70007029	1	Pinion	
15	70007030	1	Seeger	
16	70006994	1	Spacer	
17	70004481	1	Planetary Ring	
18	70004482	1	Complete Reduction	
19	70007031	1	Pinion	
20	70006997	1	Ring	
21	70006998	2	Washer	
22	NSS	1	Brake Housing	
23	70007032	8	Screw	
24	70006999	1	Level Oil Plug	
25		Ref	Parbak	
26		Ref	O-Ring	
27		Ref	Iron Disc	
28		Ref	Sintered Disc	
29	70005317	1	Brake Spacer	
30		Ref	Parbak	
31		Ref	O-Ring	
32	70005318	1	Brake Piston	
33		Ref	Brake Spring	
34	70007001	1	Input Shaft	
35		Ref	O-Ring	
36	70007002	1	Cover	
37	70007003	8	Screw	
38		Ref	O-Ring	
39		Ref	Motor with Valve	
40	NSS	2	Vertical Lift Support	
41	70004494	2	Screw	
42	70007004	1	Brake/Valve Adapter	
43	70007046	1	Seal Kit	
44	70007006	1	Kit, Brake Repair	

SECTION 2 - TURNTABLE

FIGURE 2-11. TURNTABLE BEARING INSTALLATION



ART_1001168992

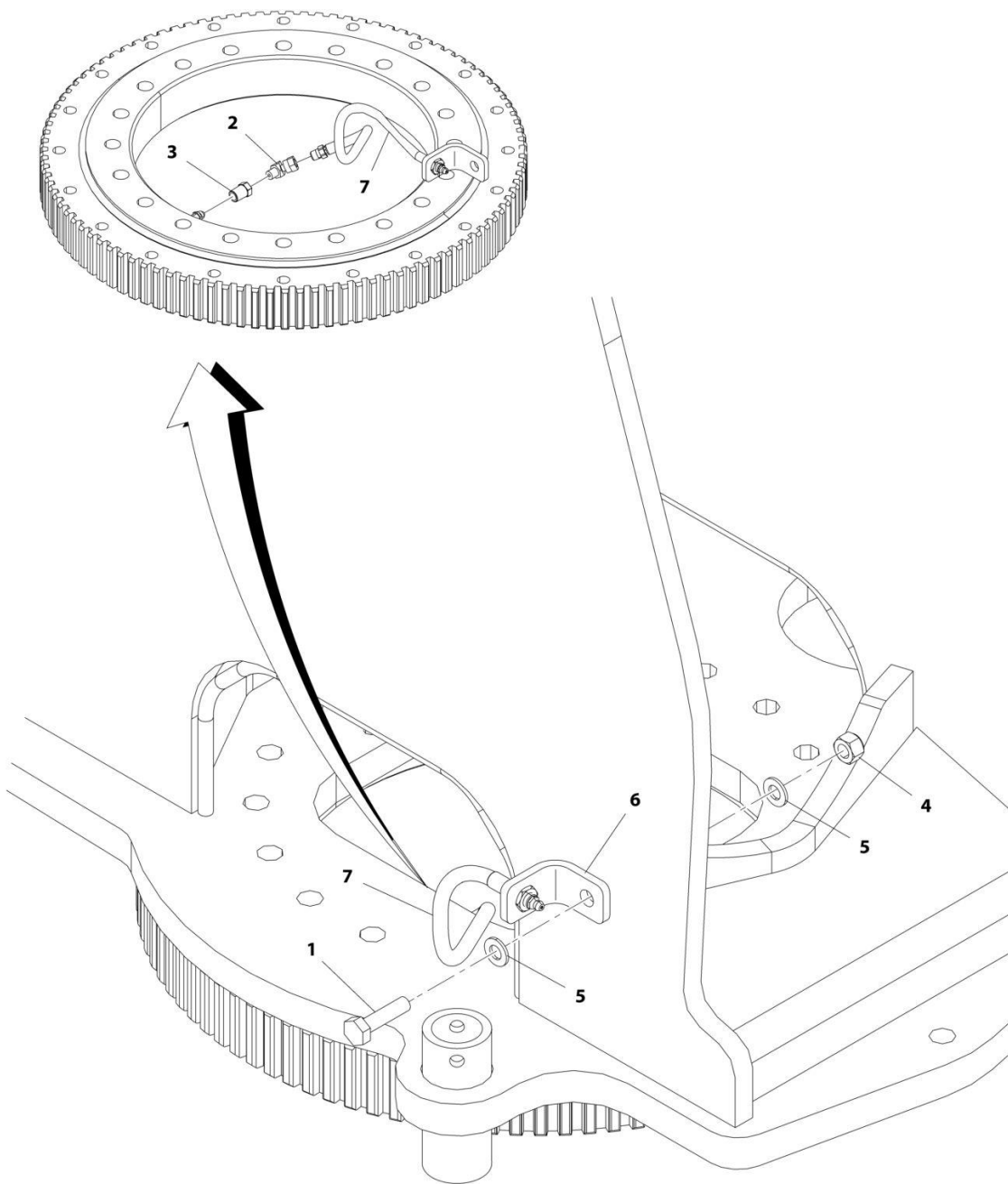
SECTION 2 - TURNTABLE

FIGURE 2-11. TURNTABLE BEARING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168992	Ref	TURNTABLE BEARING INSTALLATION	A
1	0100019	AR	Compound, Locking	
2	0440240	1	Bearing, Turntable	
3	0682026	40	Bolt 5/8 x 3-1/4 Grade 8	
4	4892000	40	Washer 5/8	

SECTION 2 - TURNTABLE

FIGURE 2-12. BEARING LUBE INSTALLATION



ART_1001169191

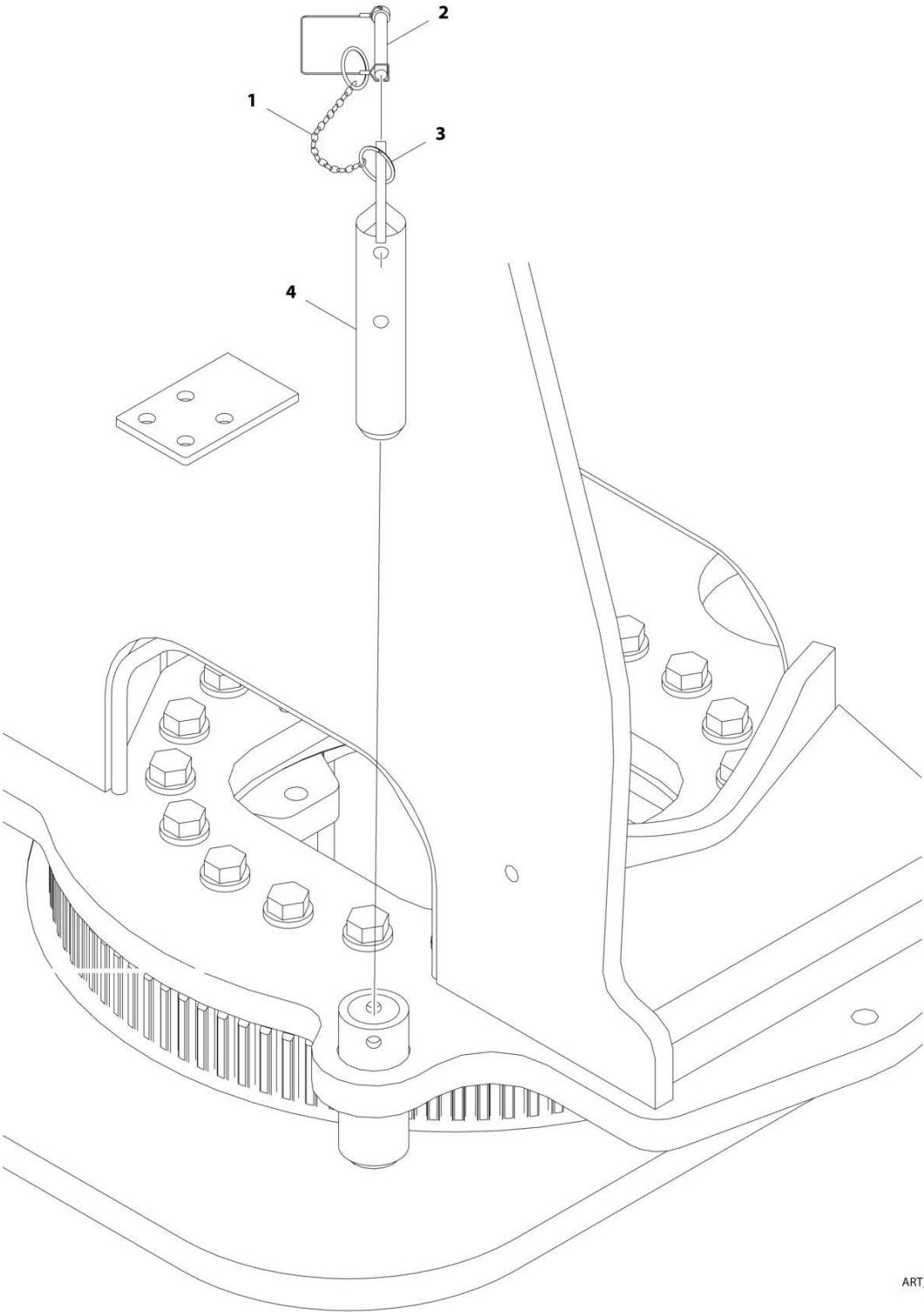
SECTION 2 - TURNTABLE

FIGURE 2-12. BEARING LUBE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169191	Ref	BEARING LUBE INSTALLATION	A
1	0761016	1	Bolt M10 x 40	
2	2220124	1	Fitting, 45 1/8NPT	
3	2220273	1	Fitting, Straight FNPTF/NPTF	
4	3291005	1	Nut M10	
5	4812000	2	Washer M10	
6	1001169192	1	Mount, Bulkhead	
7	1001169193	1	Hose	

SECTION 2 - TURNTABLE

FIGURE 2-13. TURNTABLE LOCK INSTALLATION



ART_1001169496

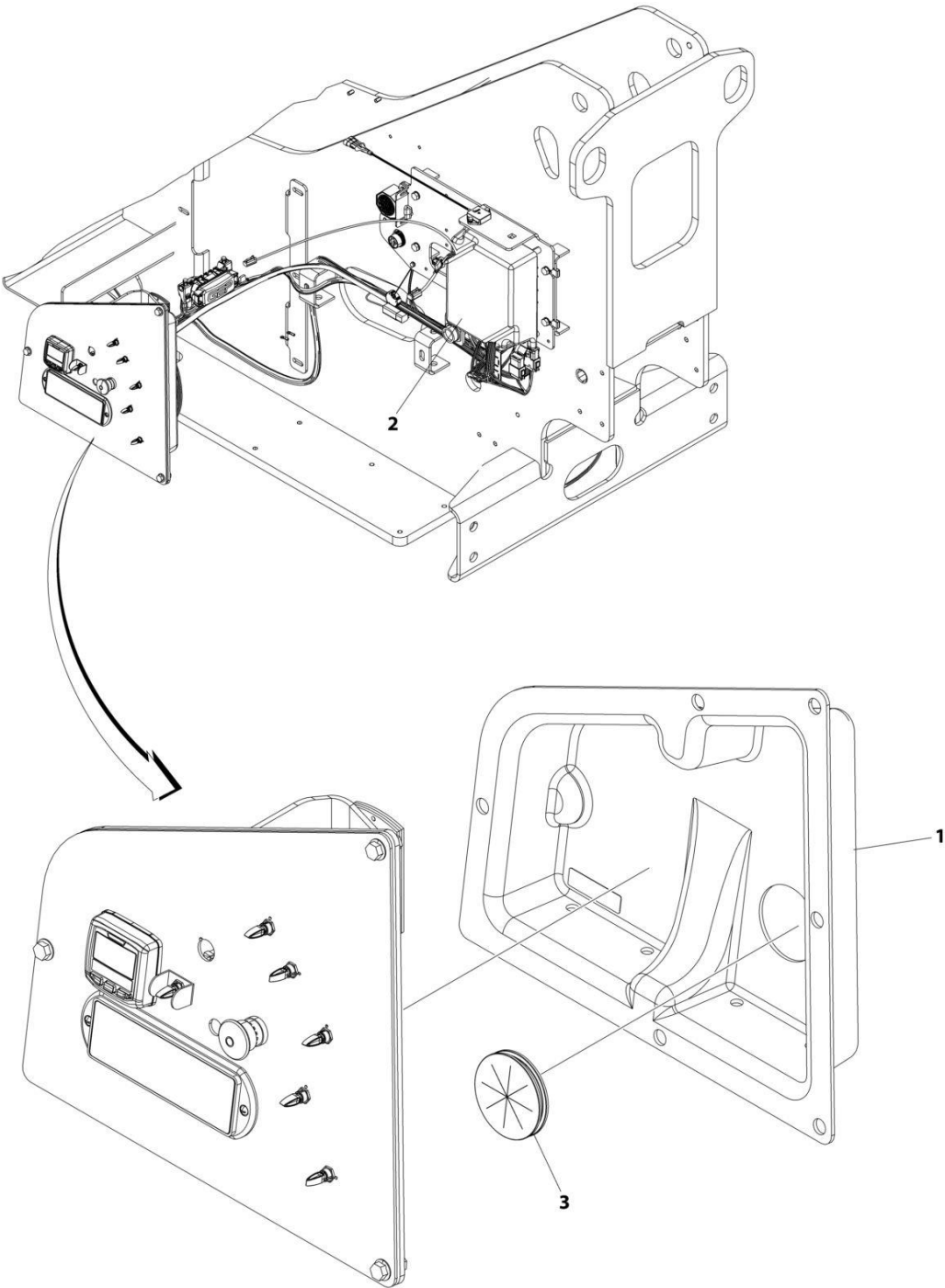
SECTION 2 - TURNTABLE

FIGURE 2-13. TURNTABLE LOCK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169496	Ref	TURNTABLE LOCK INSTALLATION	B
1	1260017	1	Chain	
2	3421565	1	Pin, Snap	
3	3760170	2	Ring, Split	
4	1001169582	1	Pin	

SECTION 2 - TURNTABLE

FIGURE 2-14. TURNTABLE COVERS INSTALLATION



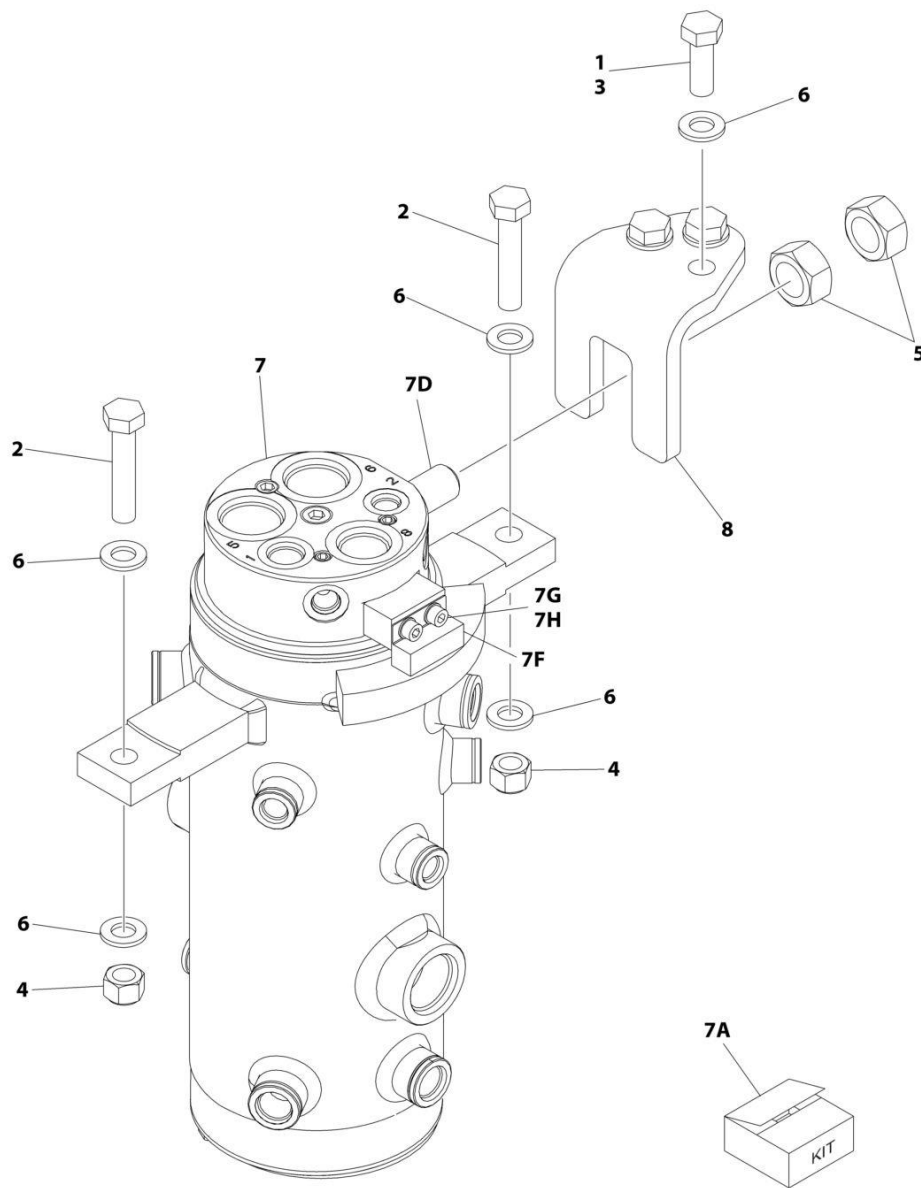
ART_1001219130_C

FIGURE 2-14. TURNTABLE COVERS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219130	Ref	TURNTABLE COVERS INSTALLATION	B
1	1001246087	1	Cover, Control Panel	
2	1001218538	1	Cover, Controller	
3	1001218676	1	Grommet	

SECTION 2 - TURNTABLE

FIGURE 2-15. ROTARY COUPLING INSTALLATION



ART_1001168855

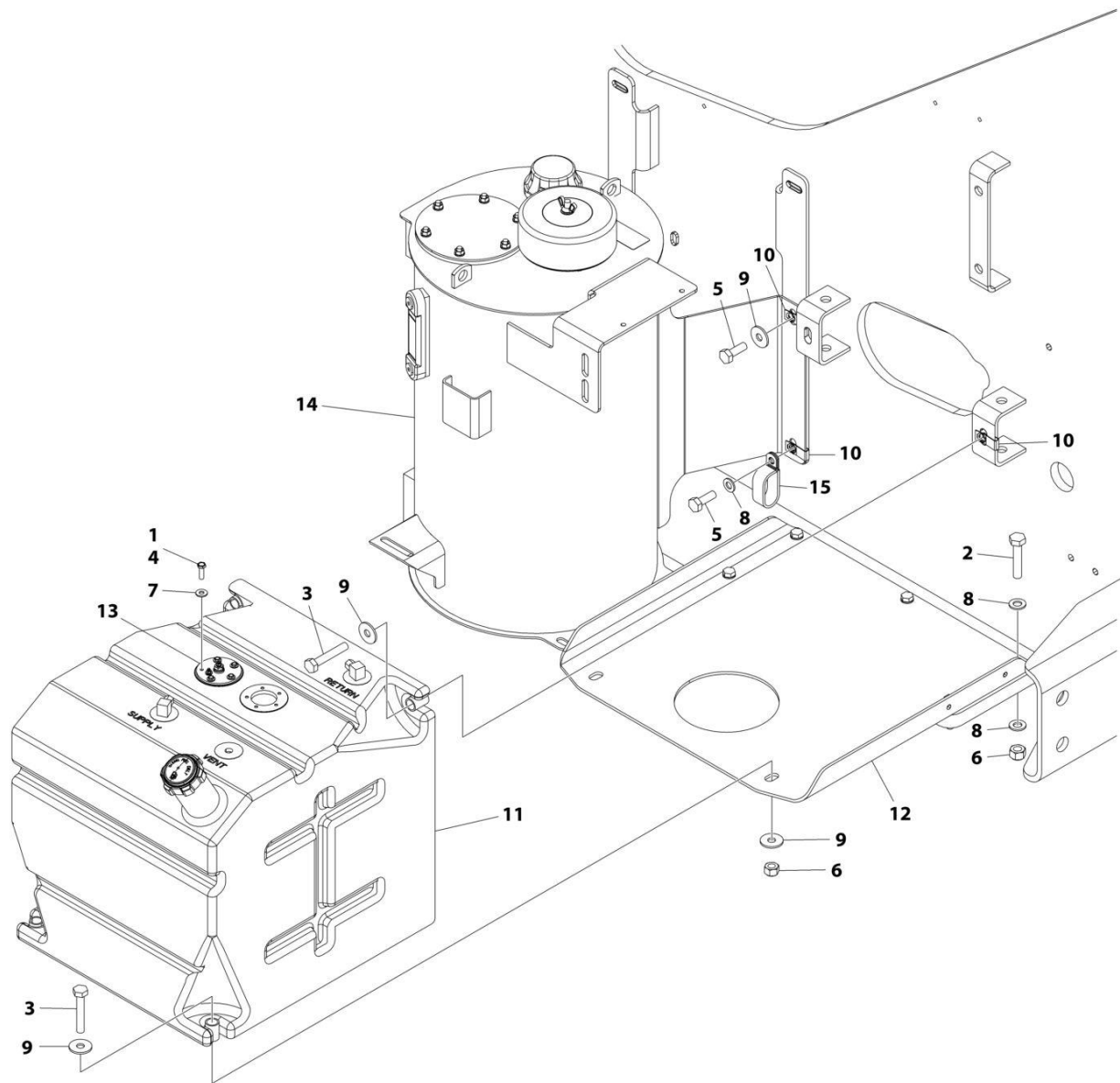
SECTION 2 - TURNTABLE

FIGURE 2-15. ROTARY COUPLING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168855	Ref	ROTARY COUPLING INSTALLATION	C
1	0100011	AR	Compound, Locking	
2	0701220	2	Bolt M12 x 60	
3	0761215	3	Bolt M12 x 35	
4	3291201	2	Nut M12	
5	3292001	2	Nut M20	
6	4812100	7	Washer M12	
7	1001188334	1	Rotary Coupling Assembly	
7A	70005716	1	Seal Kit - 1001188334 Coupling	
7B	70005710	1	Spacer (Not Shown)	
7C	70005711	1	Spacer (Not Shown)	
7D	70005712	1	Threaded Spigot	
7E	70005713	1	Circlip (Not Shown)	
7F	4360517	1	Switch, Proximity	
7G	70005714	1	Bolt	
7H	70005715	1	Washer	
8	1001169185	1	Mount	
9	2220238	1	Fitting, Plug ORB (Not Shown)	

SECTION 2 - TURNTABLE

FIGURE 2-16. TANKS INSTALLATION - DIESEL MACHINES (WITH 17.3 GAL HYDRAULIC TANK)



ART_1001207349

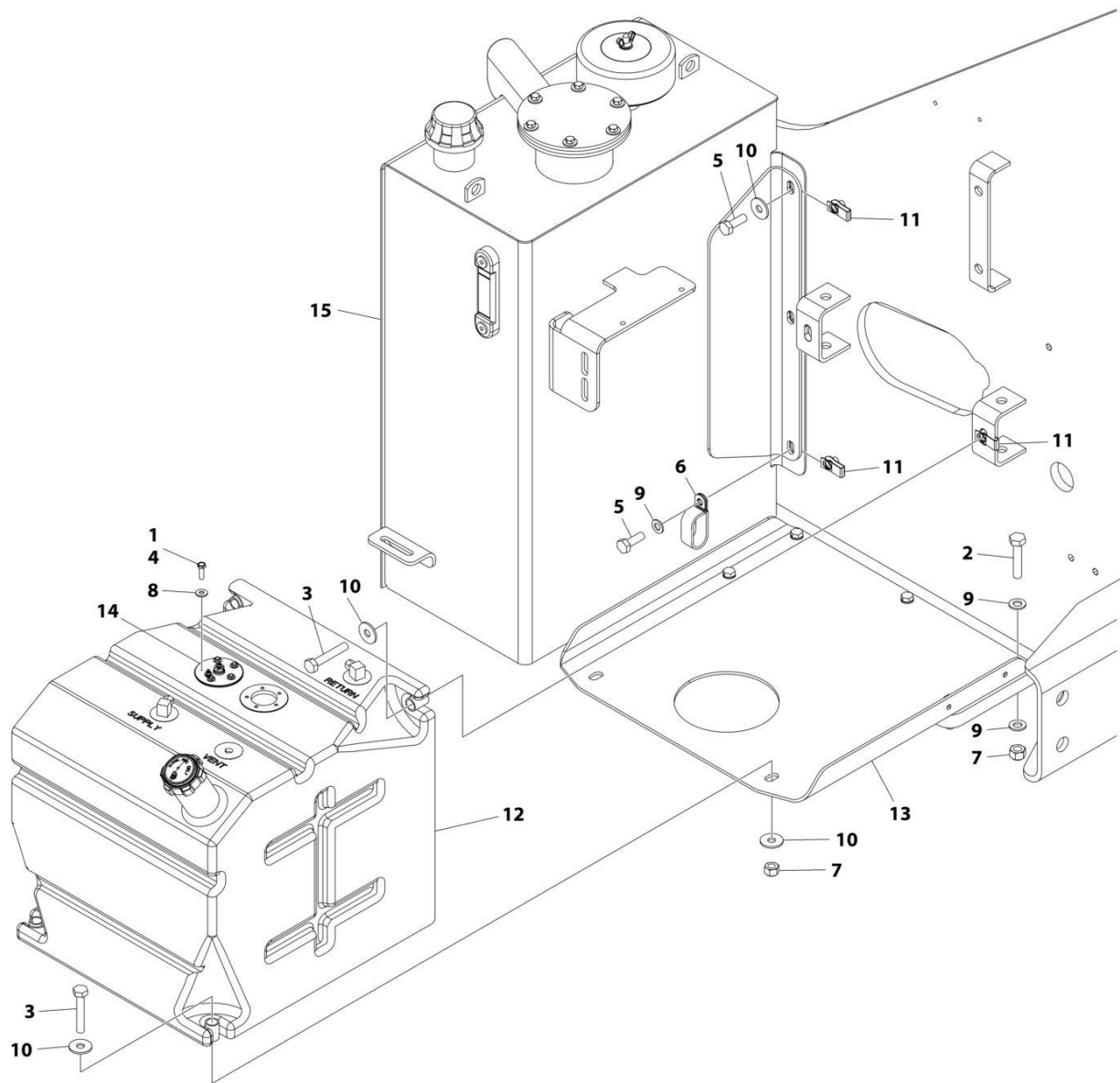
SECTION 2 - TURNTABLE

FIGURE 2-16. TANKS INSTALLATION - DIESEL MACHINES (WITH 17.3 GAL HYDRAULIC TANK)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207349	Ref	TANKS INSTALLATION - DIESEL MACHINES	C
1	0100035	AR	Compound, Locking	
2	0701018	5	Bolt M10 x 50	
3	0701020	4	Bolt M10 x 60	
4	0731005	5	Screw #10 x .625	
5	0761014	4	Bolt M10 x 30	
6	3291005	7	Nut M10	
7	4751000	5	Washer #10	
8	4812000	12	Washer M10	
9	4812002	8	Washer M10	
10	1001118972	6	Nut M10	
11	1001163418	1	Tank, Fuel	
11	1001193336	1	Cap, Fill with Chain and Stop Spring	
11	70004794	1	Tube, Pick-up	
12	1001166710	1	Plate	
13	1001231195	1	Sensor, Fuel Level	
14	1001206917	1	Tank, Hydraulic (See Separate Breakdown in this Section)	
15	1321716	2	Clamp	

SECTION 2 - TURNTABLE

FIGURE 2-17. TANKS INSTALLATION - DIESEL MACHINES (WITH 36 GAL HYDRAULIC TANK)



ART_1001286149

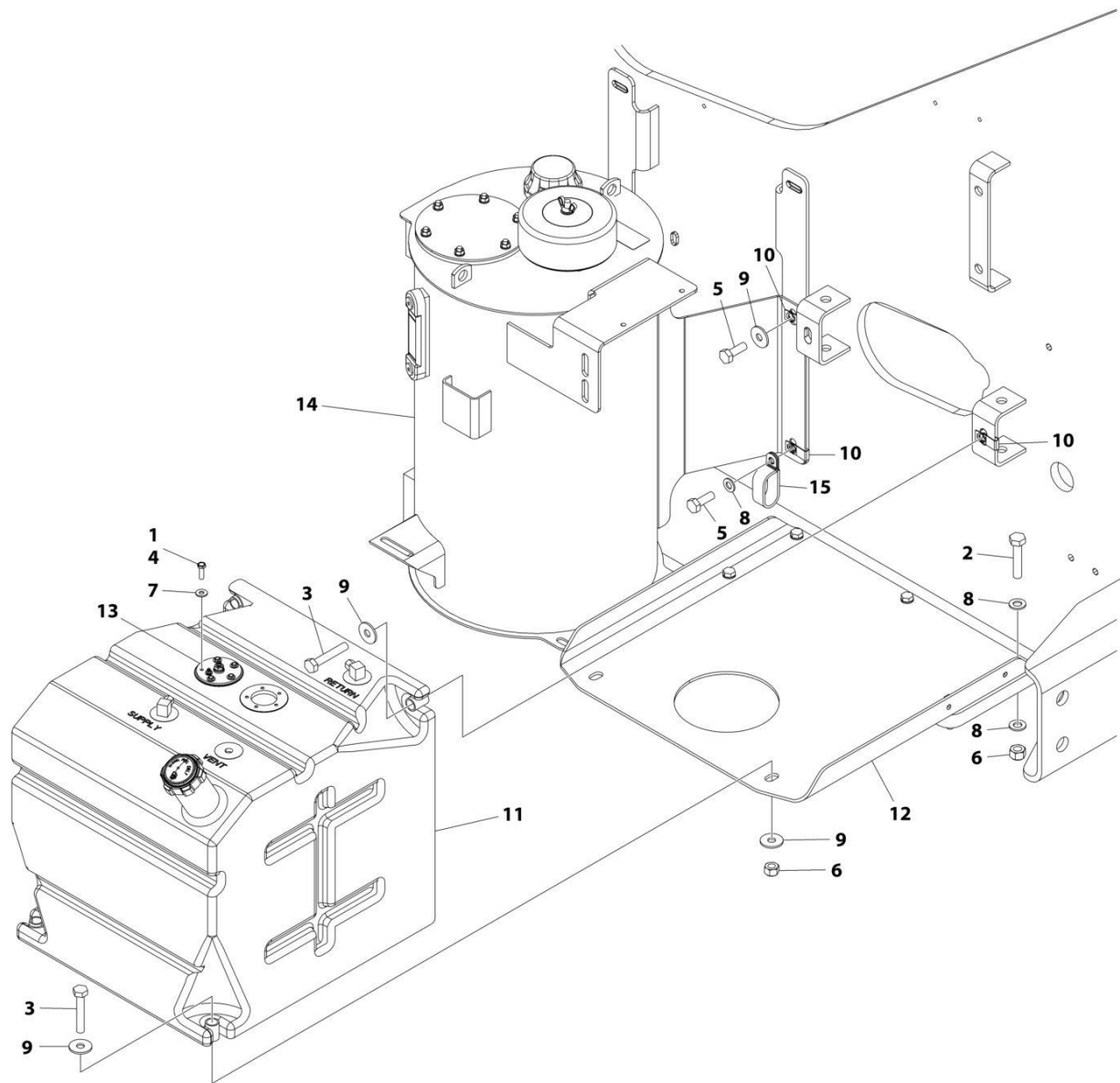
SECTION 2 - TURNTABLE

FIGURE 2-17. TANKS INSTALLATION - DIESEL MACHINES (WITH 36 GAL HYDRAULIC TANK)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001286149	Ref	TANKS INSTALLATION - GAS MACHINES	A
1	0100035	AR	Compound, Locking	
2	0701018	5	Bolt M10 x 50	
3	0701020	4	Bolt M10 x 60	
4	0731005	5	Screw #10 x .625	
5	0761014	4	Bolt M10 x 30	
6	1321716	2	Clamp	
7	3291005	7	Nut M10	
8	4751000	5	Washer #10	
9	4812000	12	Washer M10	
10	4812002	8	Washer M10	
11	1001118972	6	Nut M10	
12	1001163418	1	Tank, Fuel	
12	1001193336	1	Cap, Fill with Chain and Stop Spring	
12	70004794	1	Tube, Pick-up	
13	1001166710	1	Plate	
14	1001231195	1	Sensor, Fuel Level	
15	1001286148	1	Tank, Hydraulic (See Separate Breakdown in this Section)	

SECTION 2 - TURNTABLE

FIGURE 2-18. TANKS INSTALLATION - GAS MACHINES (WITH 17.3 GAL HYDRAULIC TANK)



ART_1001207350

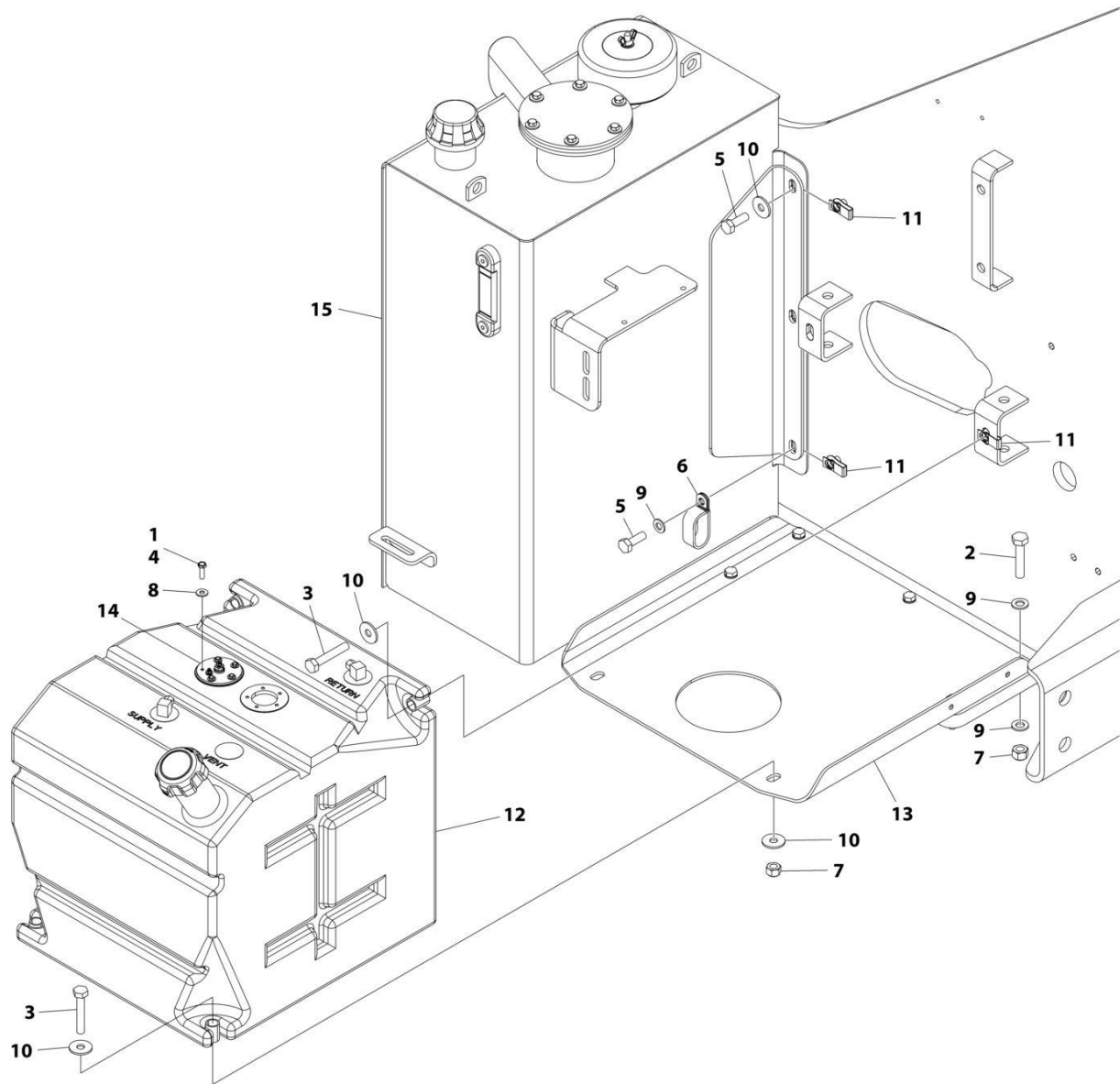
SECTION 2 - TURNTABLE

FIGURE 2-18. TANKS INSTALLATION - GAS MACHINES (WITH 17.3 GAL HYDRAULIC TANK)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207350	Ref	TANKS INSTALLATION - GAS MACHINES	D
1	0100035	AR	Compound, Locking	
2	0701018	5	Bolt M10 x 50	
3	0701020	4	Bolt M10 x 60	
4	0731005	5	Screw #10 x 5/8	
5	0761014	4	Bolt M10 x 30	
6	3291005	7	Nut M10	
7	4751000	5	Washer #10	
8	4812000	12	Washer M10	
9	4812002	8	Washer M10	
10	1001118972	6	Nut M10	
11	1001163671	1	Tank, Fuel	
11	1001211336	1	Cap, Fill with Lanyard and Stop	
11	70004794	2	Tube, Pick up	
12	1001166710	1	Plate	
13	1001231195	1	Sensor, Fuel Level	
14	1001206917	1	Tank, Hydraulic (See Separate Breakdown in this Section)	
15	1321716	2	Clamp	

SECTION 2 - TURNTABLE

FIGURE 2-19. TANKS INSTALLATION - GAS MACHINES (WITH 36 GAL HYDRAULIC TANK)



ART_1001286150

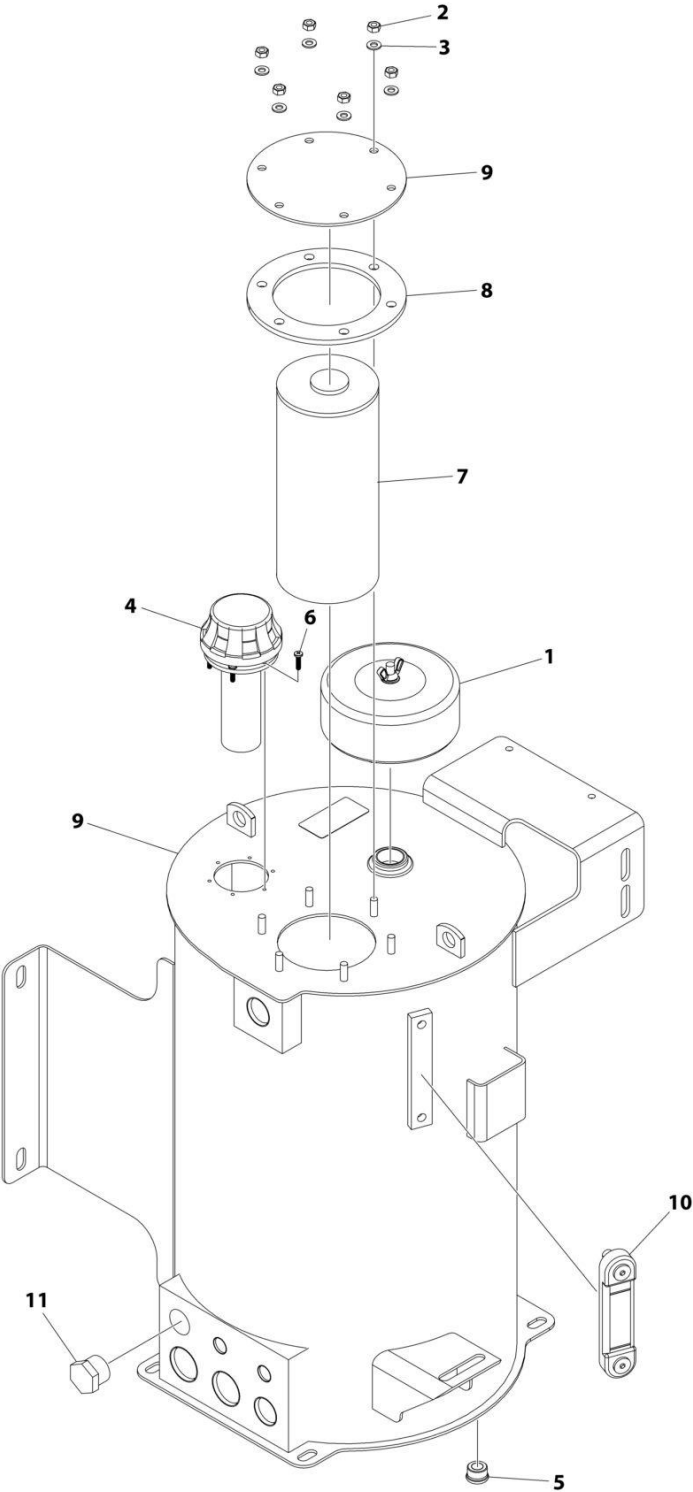
SECTION 2 - TURNTABLE

FIGURE 2-19. TANKS INSTALLATION - GAS MACHINES (WITH 36 GAL HYDRAULIC TANK)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001286150	Ref	TANKS INSTALLATION - GAS MACHINES	A
1	0100035	AR	Compound, Locking	
2	0701018	5	Bolt M10 x 50	
3	0701020	4	Bolt M10 x 60	
4	0731005	5	Screw #10 x 5/8	
5	0761014	4	Bolt M10 x 30	
6	1321716	2	Clamp	
7	3291005	7	Nut M10	
8	4751000	5	Washer #10	
9	4812000	12	Washer M10	
10	4812002	8	Washer M10	
11	1001118972	6	Nut M10	
12	1001163671	1	Tank, Fuel	
12	1001211336	1	Cap, Fill with Lanyard and Stop	
12	70004794	2	Tube, Pick up	
13	1001166710	1	Plate	
14	1001231195	1	Sensor, Fuel Level	
15	1001286148	1	Tank, Hydraulic (See Separate Breakdown in this Section)	

SECTION 2 - TURNTABLE

FIGURE 2-20. HYDRAULIC TANK ASSEMBLY - 17.3 GALLON



ART_1001206917

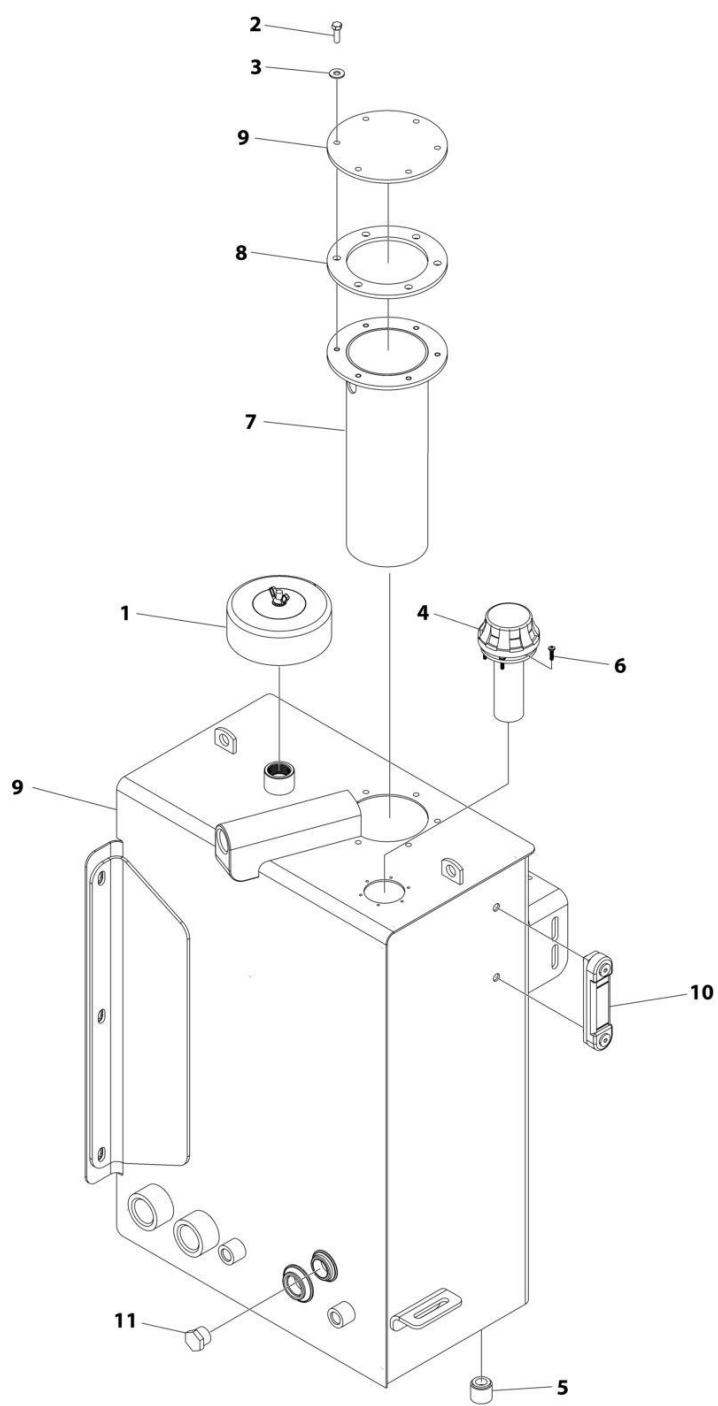
SECTION 2 - TURNTABLE

FIGURE 2-20. HYDRAULIC TANK ASSEMBLY - 17.3 GALLON

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206917	Ref	HYDRAULIC TANK ASSEMBLY	A
1	See Note	NSS	Breather Assembly (Note: Use p/n 70003614)	
2	3311501	6	Nut 5/16	
3	4751400	6	Washer 1/4	
4	70002838	1	Cap, Fill	
5	70002112	1	Plug	
6	See Note	NSS	Screw #10 x 3/4 (Note: Not Available for purchase)	
7	See Note	NSS	Element, Filter (Note: Use p/n 70003614)	
8	1001199177	1	Gasket	
9	See Note	NSS	Reservoir (Note: Not Available for purchase)	
10	7024441	1	Gauge, Level	
11	2220887	1	Plug	

SECTION 2 - TURNTABLE

FIGURE 2-21. HYDRAULIC TANK ASSEMBLY - 36 GALLON



ART_1001286148

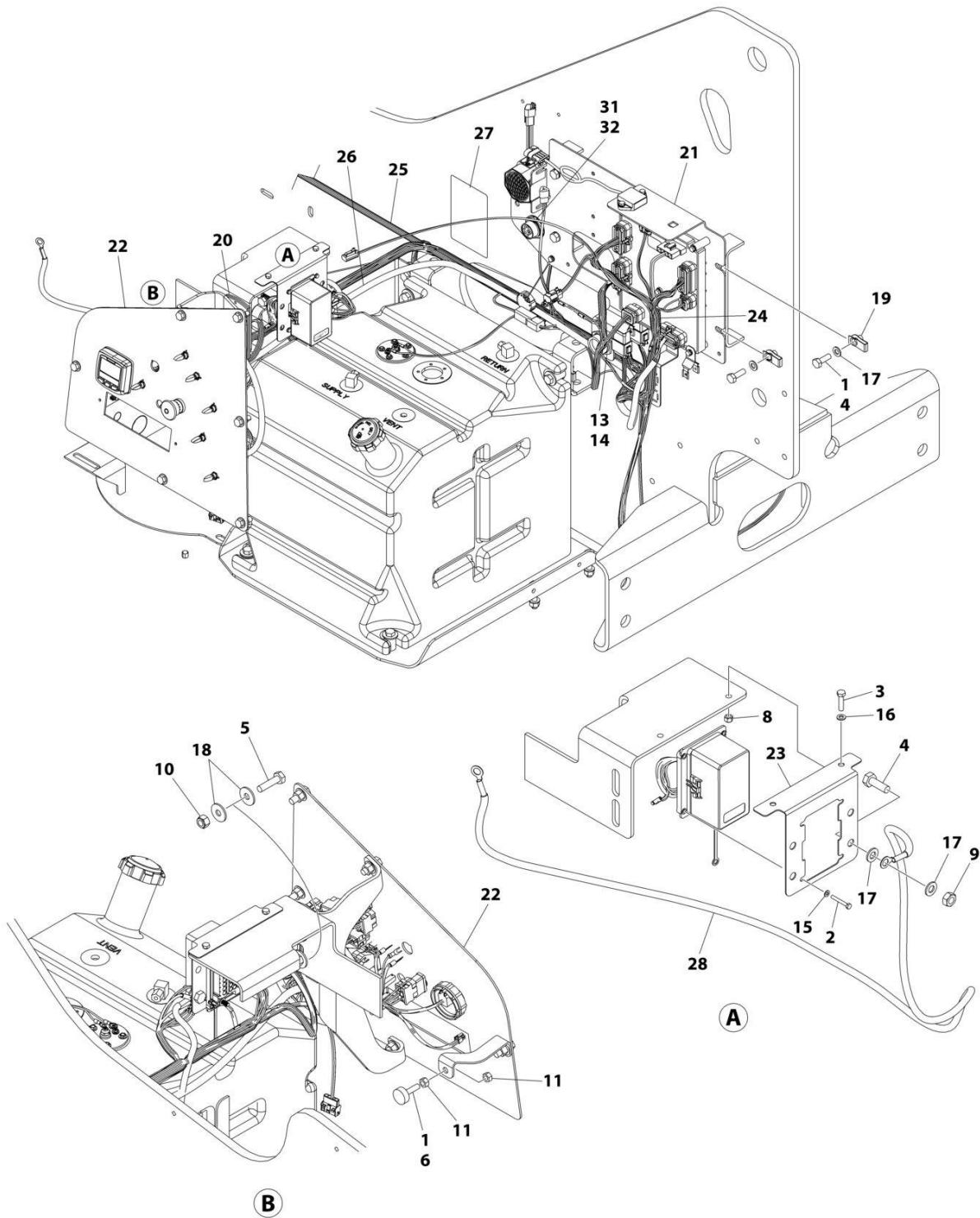
SECTION 2 - TURNTABLE

FIGURE 2-21. HYDRAULIC TANK ASSEMBLY - 36 GALLON

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001286148	Ref	HYDRAULIC TANK ASSEMBLY	A
1	See Note	NSS	Breather Assembly (Note: Use p/n 70003614)	
2		Ref	Bolt	
3	4751400	6	Washer 1/4	
4	70002838	1	Cap, Fill	
5	70002112	1	Plug	
6	See Note	NSS	Screw #10 x 3/4 (Note: Not Available for purchase)	
7	See Note	NSS	Element, Filter (Note: Use p/n 70003614)	
8	1001199177	1	Gasket	
9	See Note	NSS	Reservoir (Note: Not Available for purchase)	
10	7024441	1	Gauge, Level	
11	2220887	1	Plug	

SECTION 2 - TURNTABLE

FIGURE 2-22. ELECTRICAL INSTALLATION - 400S



ART_1001236965_E

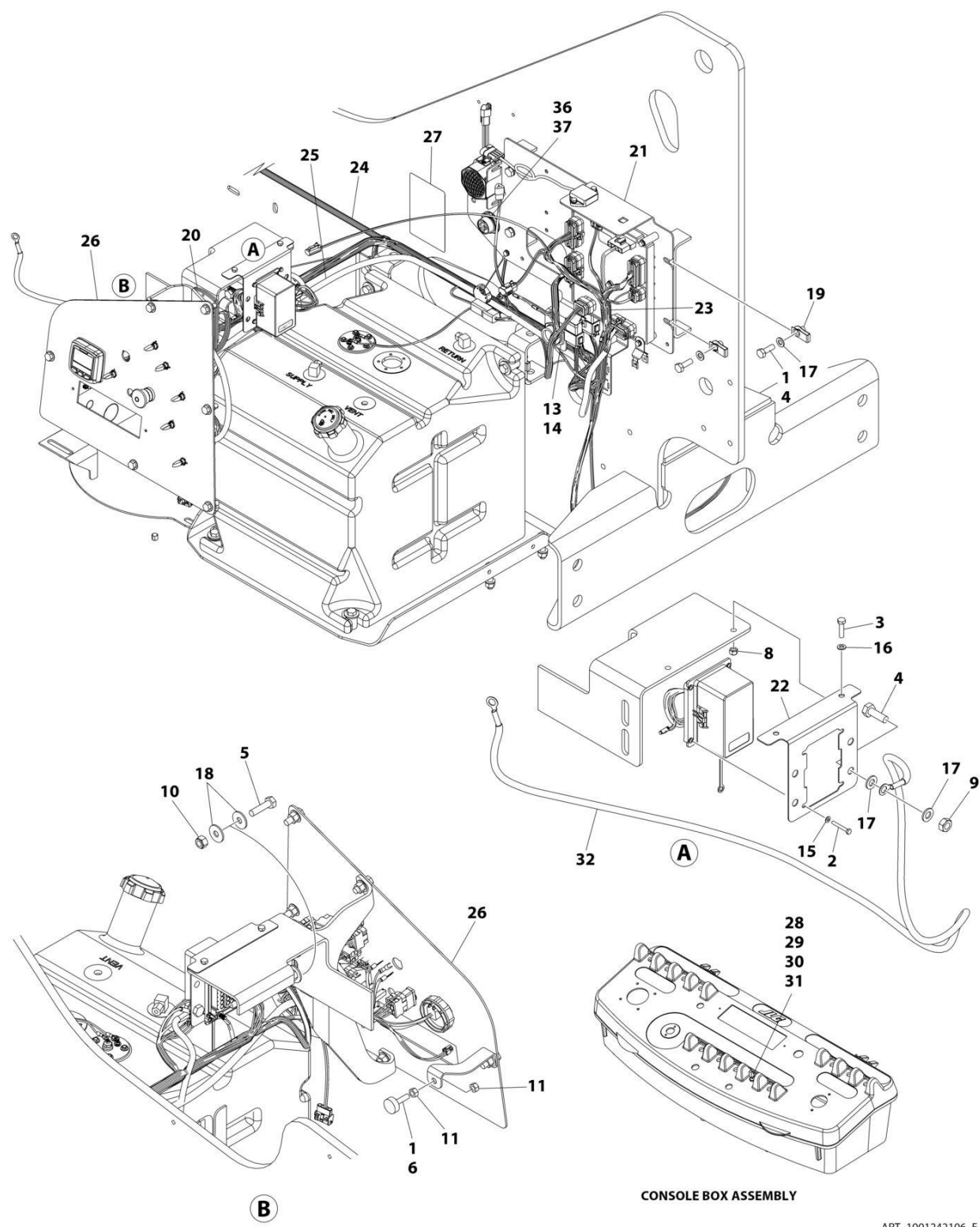
SECTION 2 - TURNTABLE

FIGURE 2-22. ELECTRICAL INSTALLATION - 400S

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236965	Ref	ELECTRICAL INSTALLATION - 400S	E
1	0100011	AR	Compound, Locking	
2	0731005	4	Bolt #10 x .625	
3	0760612	2	Bolt M6 x 25	
4	0761014	5	Bolt M10 x 30	
5	0761016	2	Bolt M10 x 40	
6	0940049	1	Stopper, Hood	
8	3290605	2	Nut M6	
9	3291001	1	Nut M10	
10	3291005	2	Nut M10	
11	3311501	2	Nut 5/16	
12	4240099	AR	Tie-Strap (Not Shown)	
13	4460470	1	Nut, Terminal	
14	4460471	1	Washer, Terminal	
15	4711000	4	Washer #10	
16	4811700	4	Washer M6	
17	4812000	6	Washer M10	
18	4812002	4	Washer M10	
19	1001118972	4	Nut M10	
20	1001150324	AR	Shim 3	
21	1001172757	1	Electrical Panel Assembly (See Separate Breakdown in this Section)	
22	1001239294	1	Ground Control Assembly (See Separate Breakdown in this Section)	
23	1001237822	1	Plate	
24	1001237849	1	Turntable Harness (See Separate Breakdown in ELECTRICAL SECTION)	
25	1001238160	1	Valve Harness (See Separate Breakdown in ELECTRICAL SECTION)	
26	1001238161	1	Ground Control Box Harness (See Separate Breakdown in ELECTRICAL SECTION)	
27	1001239512	1	Decal - Fuse Box	
28	1001250681	1	Battery Cable (Negative)	
29	4460466	8	Seal, Terminal (Not Shown)	
30	4460931	1	Connector - 8 Position (Not Shown)	
31	4460496	1	Washer, Lock	
32	4460497	1	Nut	

SECTION 2 - TURNTABLE

FIGURE 2-23. ELECTRICAL INSTALLATION - 460SJ



ART_1001242106_E

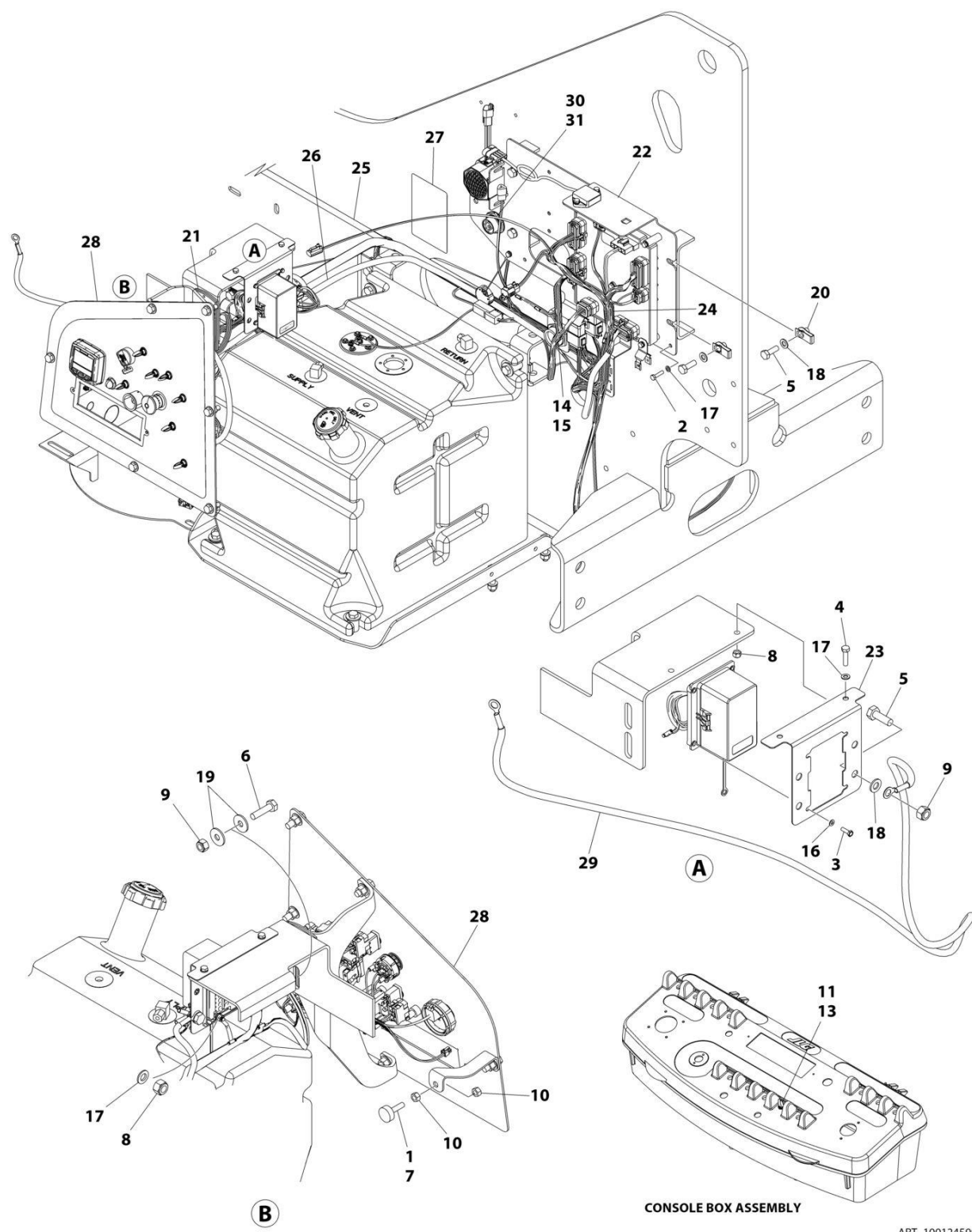
SECTION 2 - TURNTABLE

FIGURE 2-23. ELECTRICAL INSTALLATION - 460SJ

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242106	Ref	ELECTRICAL INSTALLATION - 460SJ	E
1	0100011	AR	Compound, Locking	
2	0731005	4	Bolt #10 x .625	
3	0760612	2	Bolt M6 x 25	
4	0761014	5	Bolt M10 x 30	
5	0761016	2	Bolt M10 x 40	
6	0940049	1	Stopper, Hood	
8	3290605	2	Nut M6	
9	3291001	1	Nut M10	
10	3291005	2	Nut M10	
11	3311501	2	Nut 5/16	
12	4240099	AR	Tie-Strap (Not Shown)	
13	4460470	1	Nut, Terminal	
14	4460471	1	Washer, Terminal	
15	4711000	4	Washer #10	
16	4811700	4	Washer M6	
17	4812000	6	Washer M10	
18	4812002	4	Washer M10	
19	1001118972	4	Nut M10	
20	1001150324	AR	Shim 3	
21	1001172757	1	Electrical Panel Assembly (See Separate Breakdown in this Section)	
22	1001237822	1	Plate	
23	1001237849	1	Turntable Harness (See Separate Breakdown in ELECTRICAL SECTION)	
24	1001238160	1	Valve Harness (See Separate Breakdown in ELECTRICAL SECTION)	
25	1001238161	1	Ground Control Box Harness (See Separate Breakdown in ELECTRICAL SECTION)	
26	1001239293	1	Ground Control Assembly (See Separate Breakdown in this Section)	
27	1001239512	1	Decal - Fuse Box	
28	3790012	1	O-Ring	
29	4360328	1	Switch, Toggle	
30	4740397	1	Spacer	
31	1001155044	1	Nut 15/32	
32	1001250681	1	Battery Cable (Negative)	
33	4460466	16	Seal, Terminal (Not Shown)	
34	4460930	1	Connector - 8 Position (Not Shown)	
35	4460931	1	Connector - 8 Position (Not Shown)	
36	4460496	1	Washer, Lock	
37	4460497	1	Nut	

SECTION 2 - TURNTABLE

FIGURE 2-24. ELECTRICAL INSTALLATION – 460SJ WITH DEUTZ (STAGE V)



ART_1001245993

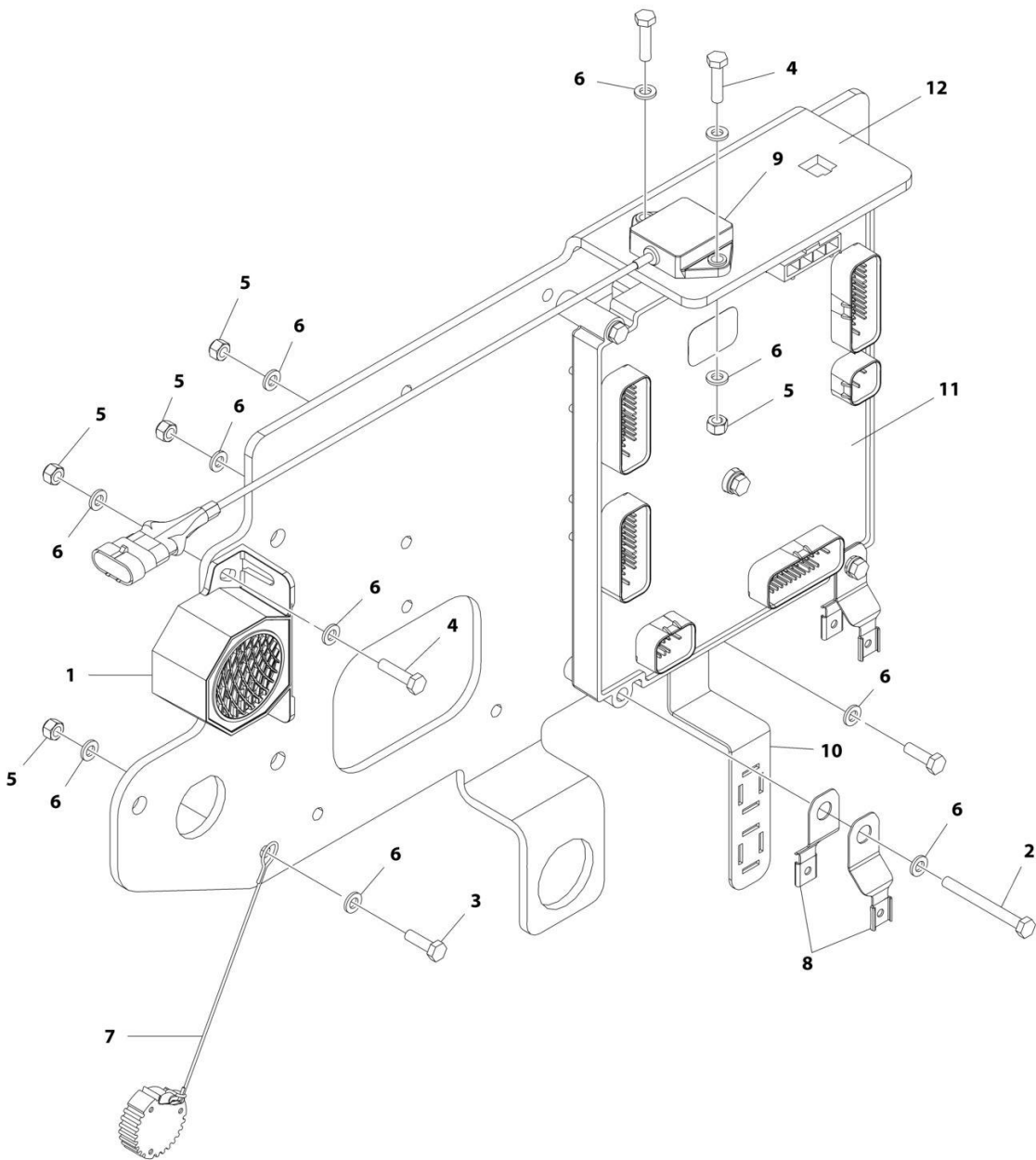
SECTION 2 - TURNTABLE

FIGURE 2-24. ELECTRICAL INSTALLATION – 460SJ WITH DEUTZ (STAGE V)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001245993	Ref	ELECTRICAL INSTALLATION - DEUTZ (STAGE V)	B
1	0100011	AR	Compound, Locking	
2	0700612	1	Screw M6 x 25	
3	0731005	4	Screw #10 x 5/8	
4	0760610	2	Bolt M6 x 20	
5	0761014	5	Bolt M10 x 30	
6	0761016	2	Bolt M10 x 40	
7	0940049	1	Stopper, Hood	
8	3290605	4	Nut M6	
9	3291005	3	Nut M10	
10	3311501	2	Nut 5/16	
11	3790012	1	O-Ring	
12	4240099	AR	Tie-Strap (Not Shown)	
13	4360328	1	Switch, Toggle	
14	4460470	1	Nut, Terminal	
15	4460471	1	Washer, Terminal	
16	4711000	4	Washer #10	
17	4711700	7	Washer M6	
18	4812000	5	Washer M10	
19	4812002	4	Washer M10	
20	1001118972	4	Nut M10	
21	1001150324	AR	Shim 3	
22	1001172757	1	Electrical Panel Assembly (See Separate Breakdown in this Section)	
23	1001237822	1	Plate	
24	1001237849	1	Turntable Harness (See Separate Breakdown in ELECTRICAL SECTION)	
25	1001238160	1	Valve Harness (See Separate Breakdown in ELECTRICAL SECTION)	
26	1001238161	1	Ground Control Box Harness (See Separate Breakdown in ELECTRICAL SECTION)	
27	1001239512	1	Decal - Fuse Box	
28	1001245380	1	Electrical Assembly, Ground Control Panel (See Separate Breakdown in this Section)	
29	1001250681	1	Battery Cable (Negative)	
30	4460496	1	Washer	
31	4460497	1	Nut	

SECTION 2 - TURNTABLE

FIGURE 2-25. ELECTRICAL PANEL ASSEMBLY (WITH GROUND CONTROL MODULE 1001170094)



ART_1001172757

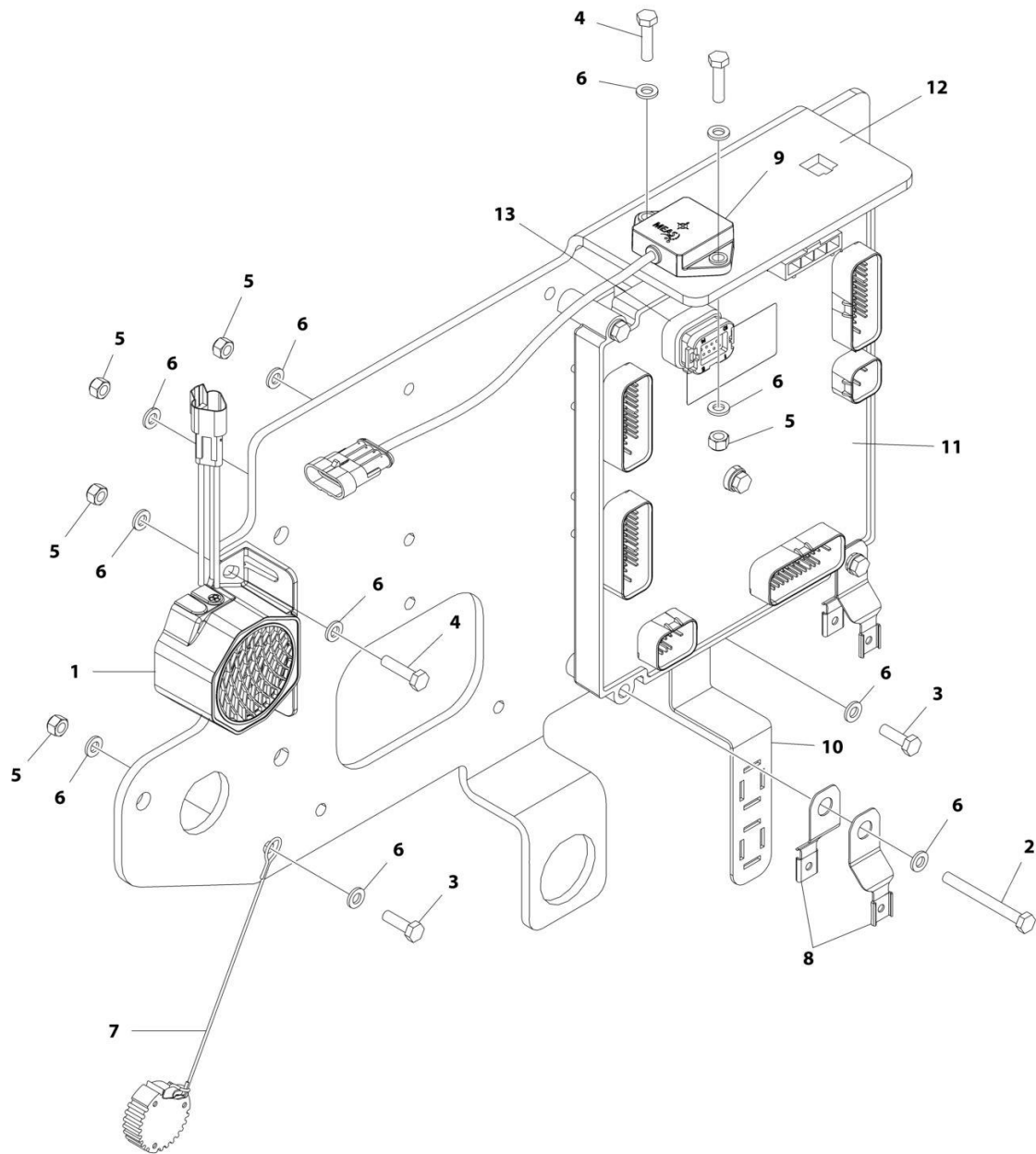
SECTION 2 - TURNTABLE

FIGURE 2-25. ELECTRICAL PANEL ASSEMBLY (WITH GROUND CONTROL MODULE 1001170094)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172757	Ref	ELECTRICAL PANEL ASSEMBLY	E
1	0140043	1	Alarm	
1	4460536	1	Plug, Male - 3 Position	
1	4460943	3	Terminal	
2	0700620	5	Bolt M6 x 60	
3	0760610	2	Bolt M6 x 20	
4	0760612	4	Bolt M6 x 25	
5	3290605	11	Nut M6	
6	4811700	22	Washer M6	
7	1001106736	1	Cap, Dust	
8	1001120328	4	Clip, Mounting	
9	1001219601	1	Sensor	
10	1001159162	1	Bracket	
11	1001170094	1	Module, Ground Control (Note: Re-calibration Required when Replaced.)	
12	1001215373	1	Plate	

SECTION 2 - TURNTABLE

FIGURE 2-26. ELECTRICAL PANEL ASSEMBLY (WITH GROUND CONTROL MODULE 1001280340)



ART_1001172757_F

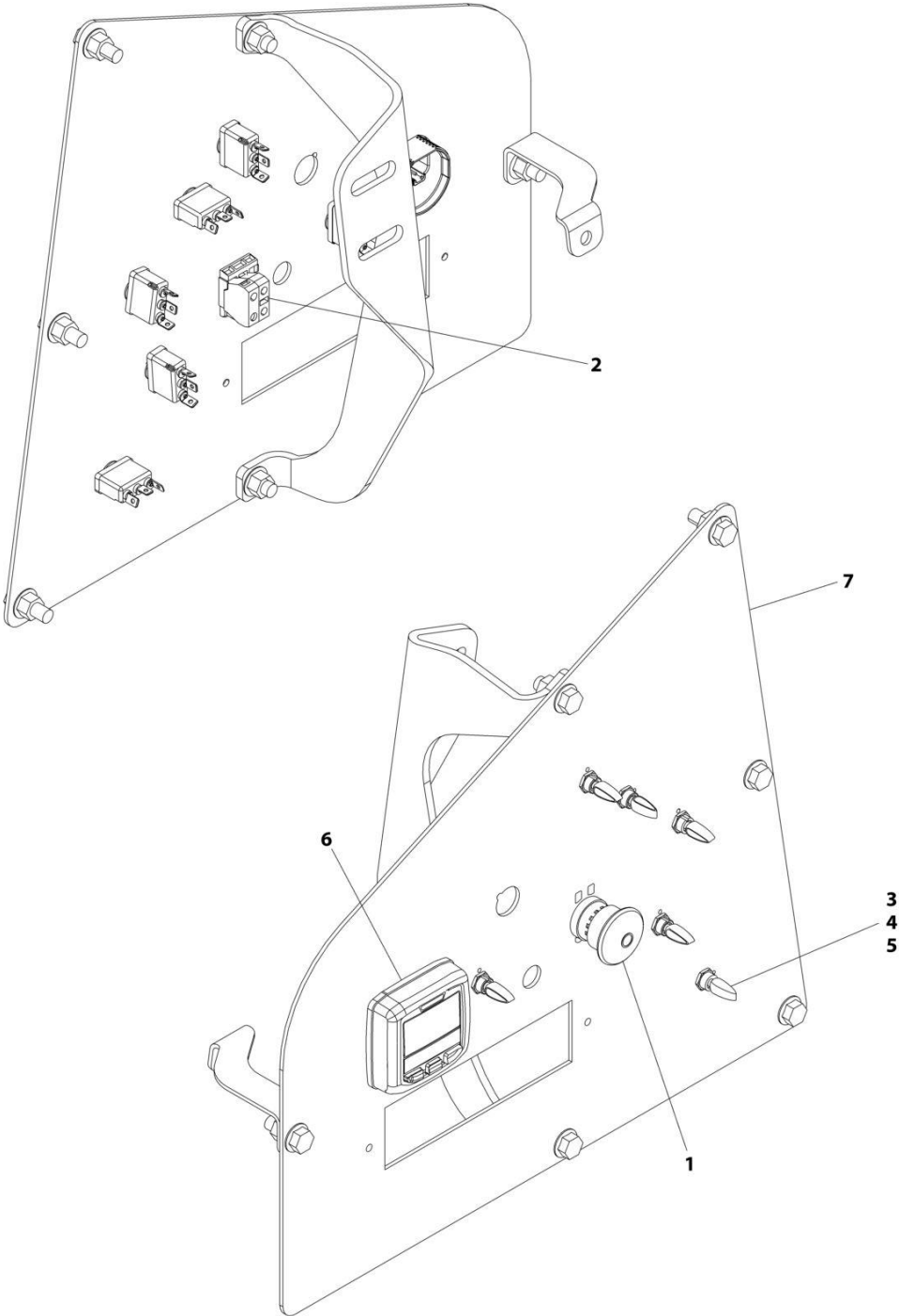
SECTION 2 - TURNTABLE

FIGURE 2-26. ELECTRICAL PANEL ASSEMBLY (WITH GROUND CONTROL MODULE 1001280340)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172757	Ref	ELECTRICAL PANEL ASSEMBLY	F
1	0140043	1	Alarm	
1	4460536	1	Plug, Male - 3 Position	
1	4460943	3	Terminal	
2	0700620	5	Bolt M6 x 60	
3	0760610	2	Bolt M6 x 20	
4	0760612	4	Bolt M6 x 25	
5	3290605	11	Nut M6	
6	4811700	22	Washer M6	
7	1001106736	1	Cap, Dust	
8	1001120328	4	Clip, Mounting	
9	1001219601	1	Sensor	
10	1001159162	1	Bracket	
11	1001280340	1	Module, Ground Control (Note: Re-calibration Required when Replaced.)	
12	1001215373	1	Plate	
13	1001246859	1	Connector, 14 Position	

SECTION 2 - TURNTABLE

FIGURE 2-27. GROUND CONTROL ASSEMBLY - 400S



ART_1001239294_B

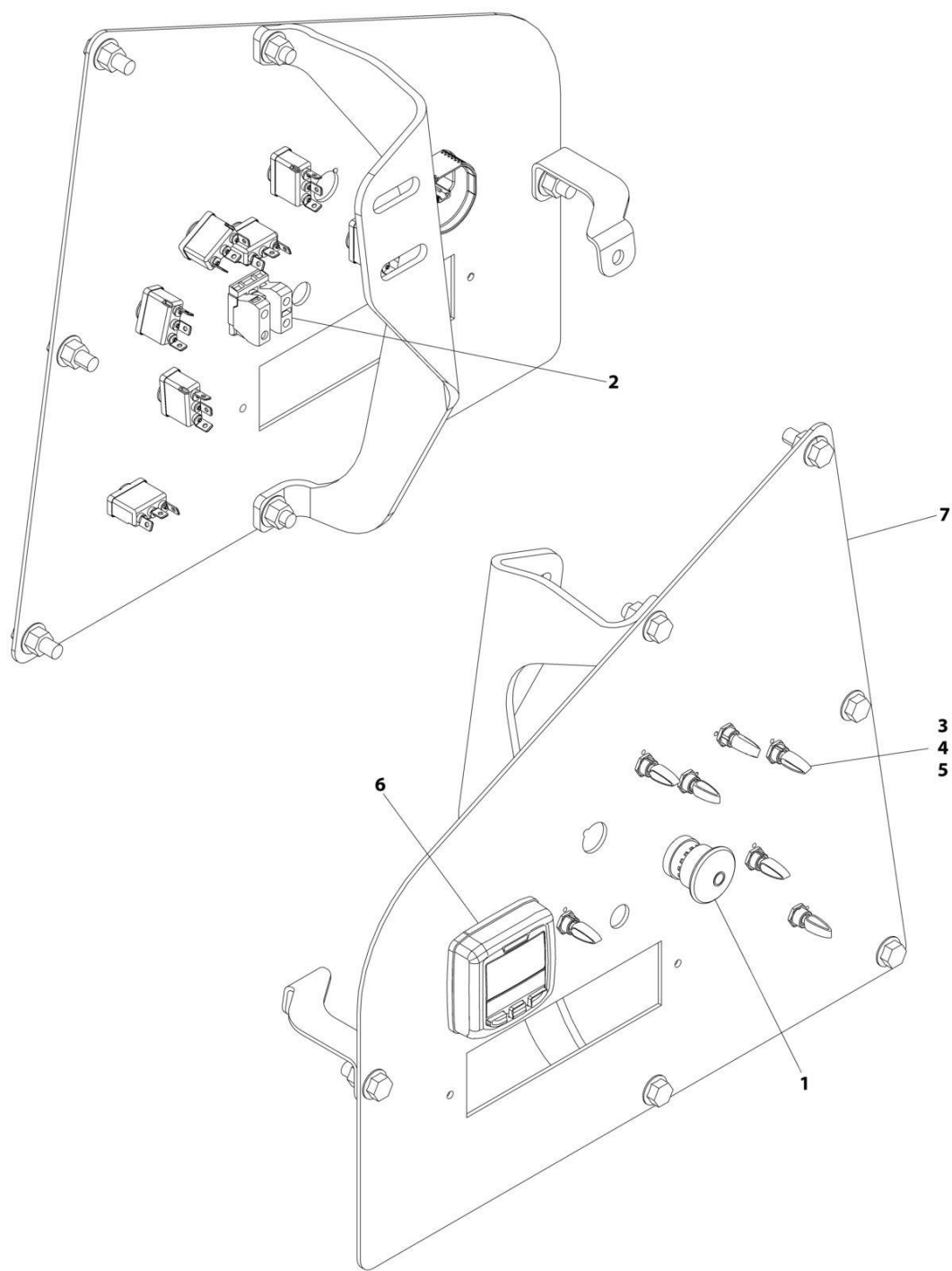
SECTION 2 - TURNTABLE

FIGURE 2-27. GROUND CONTROL ASSEMBLY - 400S

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239294	Ref	GROUND CONTROL ASSEMBLY - 400S	B
1	1001274559	1	Switch, Emergency Stop	
2	4360476	1	Block, Contact	
3	1001155043	6	Washer	
4	1001155044	6	Nut 15/32	
5	1001155045	6	Switch, Toggle	
6	1001171482	1	Gauge	
7	1001238887	1	Mount, Ground Control Panel (See Separate Breakdown in this Section)	

SECTION 2 - TURNTABLE

FIGURE 2-28. GROUND CONTROL ASSEMBLY - 460SJ



ART_1001239293_B

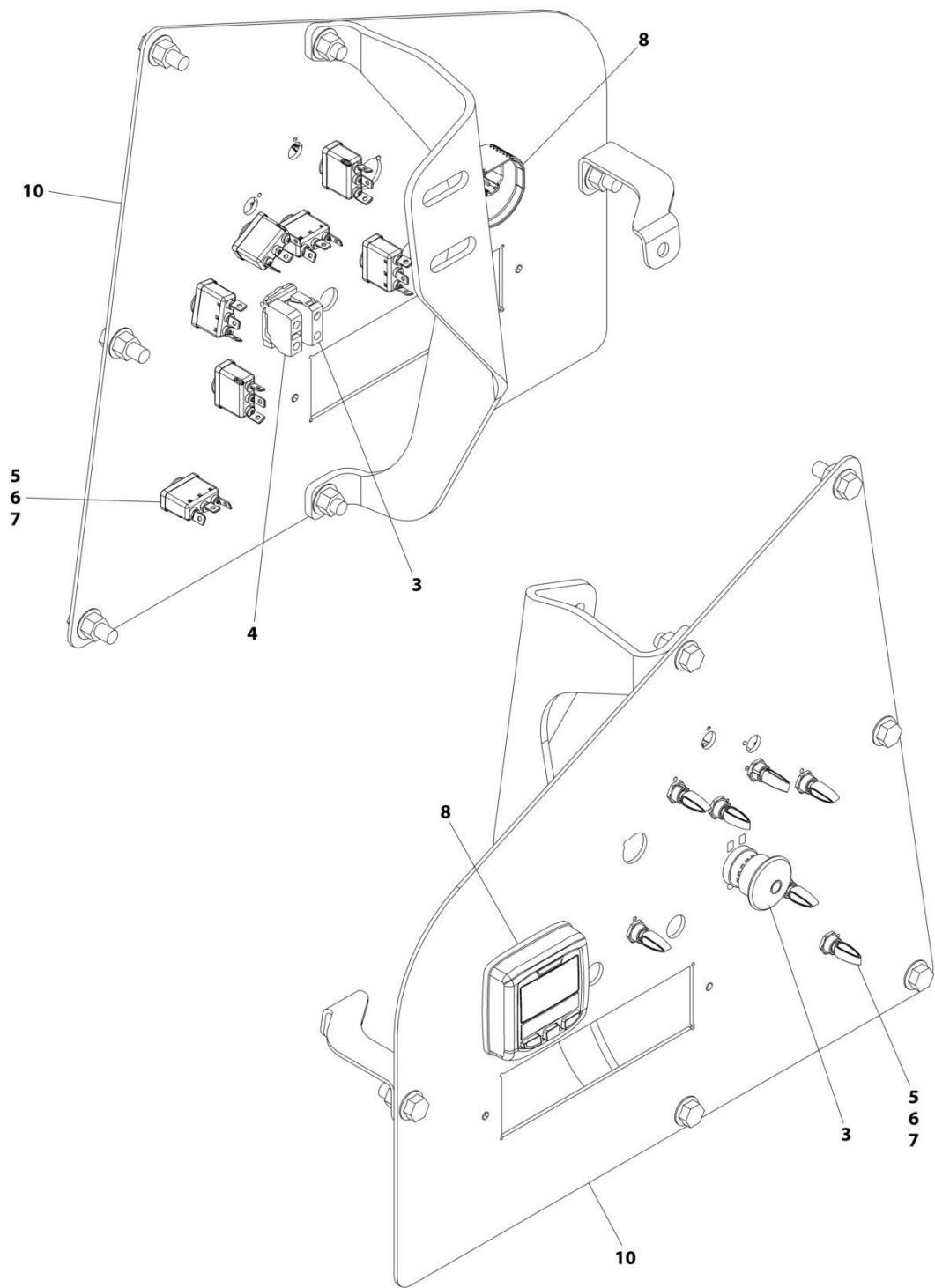
SECTION 2 - TURNTABLE

FIGURE 2-28. GROUND CONTROL ASSEMBLY - 460SJ

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239293	Ref	GROUND CONTROL ASSEMBLY - 460SJ	B
1	1001274559	1	Switch, Emergency Stop	
2	4360476	1	Block, Contact	
3	1001155043	7	Washer	
4	1001155044	7	Nut 15/32	
5	1001155045	7	Switch, Toggle	
6	1001171482	1	Gauge	
7	1001235531	1	Mount, Ground Control Panel (See Separate Breakdown in this Section)	

SECTION 2 - TURNTABLE

FIGURE 2-29. GROUND CONTROL ASSEMBLY - DEUTZ (STAGE V) (460SJ) (CE & UK CA SPECS)



ART_1001245380_C

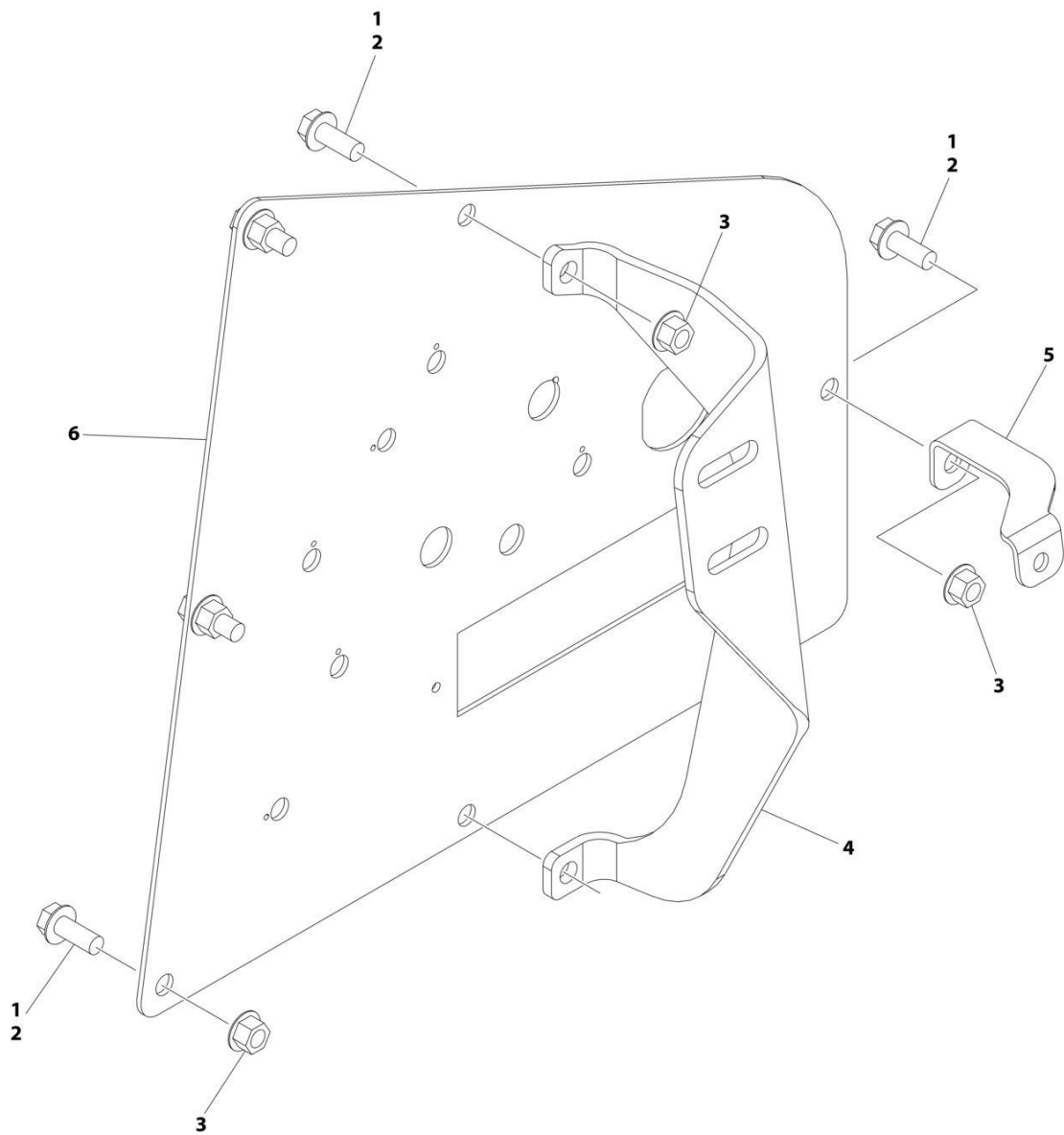
SECTION 2 - TURNTABLE

FIGURE 2-29. GROUND CONTROL ASSEMBLY - DEUTZ (STAGE V) (460SJ) (CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001245380	Ref	GROUND CONTROL ASSEMBLY	C
3	1001274559	1	Switch, Emergency Stop	
4	4360476	1	Block, Contact	
5	1001155043	7	Washer	
6	1001155044	7	Nut 15/32	
7	1001155045	7	Switch, Toggle	
8	1001171482	1	Gauge	
10	1001245379	1	Ground Control Mounting (See Separate Breakdown in this Section)	

SECTION 2 - TURNTABLE

FIGURE 2-30. GROUND CONTROL MOUNTING - 400S



ART_1001238887

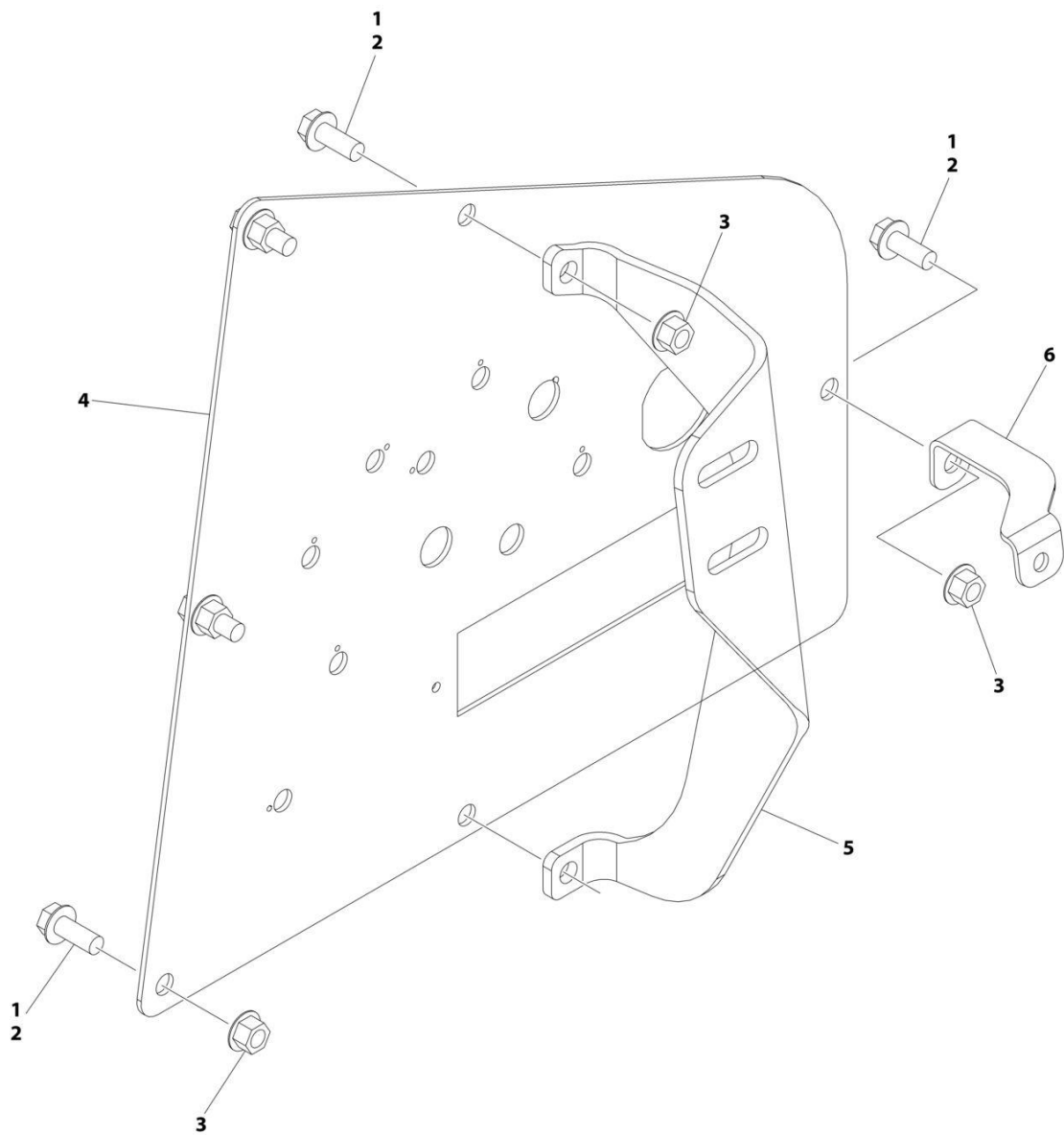
SECTION 2 - TURNTABLE

FIGURE 2-30. GROUND CONTROL MOUNTING - 400S

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238887	Ref	GROUND CONTROL PANEL MOUNTING	A
1	0100011	AR	Compound, Locking	
2	5251012	6	Bolt M10 x 25	
3	5261000	6	Nut M10	
4	1001235528	1	Support	
5	1001235529	1	Bracket	
6	1001238886	1	Plate, Ground Control	

SECTION 2 - TURNTABLE

FIGURE 2-31. GROUND CONTROL MOUNTING - 460SJ



ART_1001235531

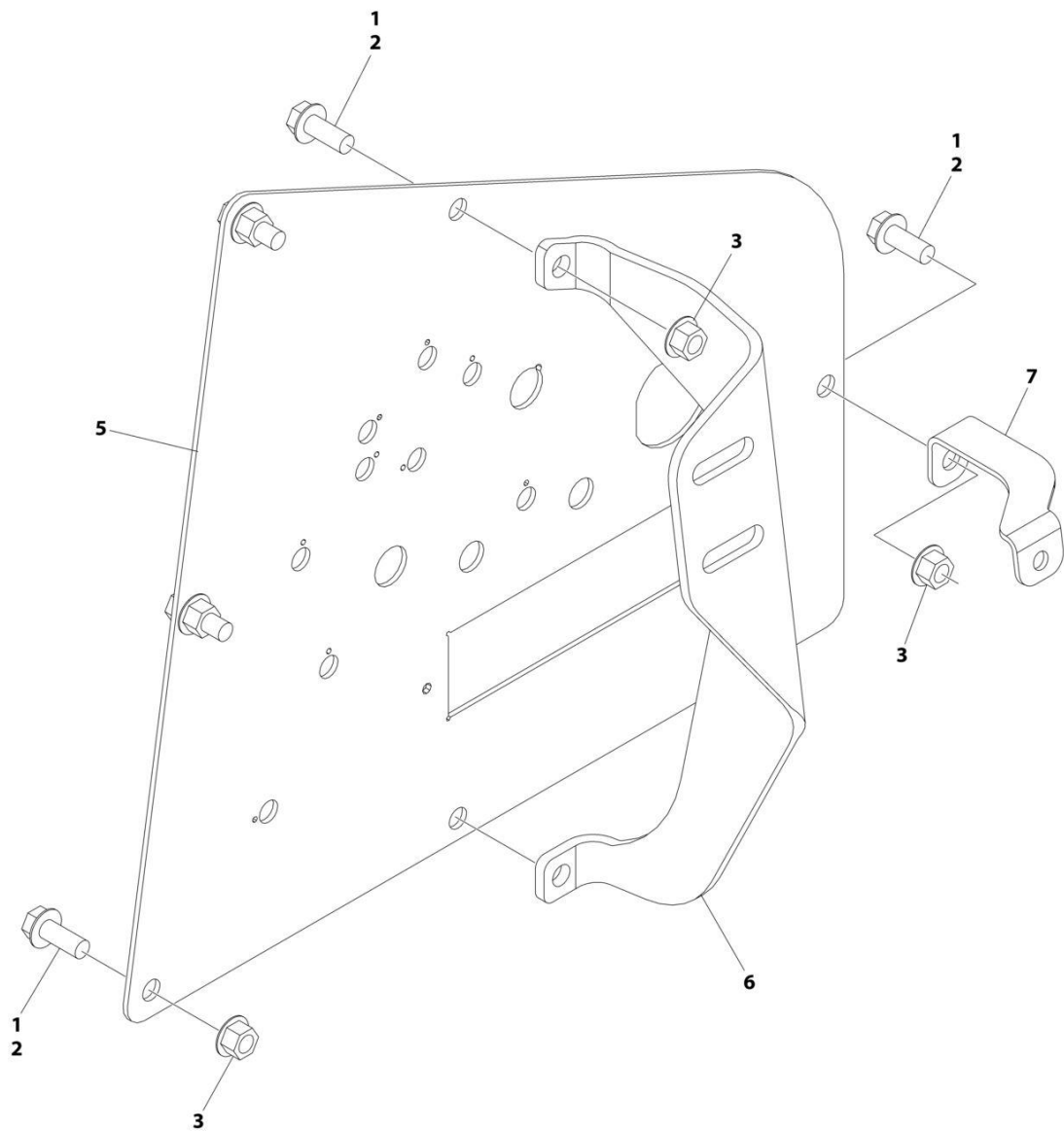
SECTION 2 - TURNTABLE

FIGURE 2-31. GROUND CONTROL MOUNTING - 460SJ

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235531	Ref	GROUND CONTORL MOUNTING - 460SJ	B
1	0100011	AR	Compound, Locking	
2	5251012	6	Bolt M10 x 25	
3	5261000	6	Nut M10	
4	1001235527	1	Plate, Ground Control	
5	1001235528	1	Support	
6	1001235529	1	Bracket	

SECTION 2 - TURNTABLE

FIGURE 2-32. GROUND CONTROL MOUNTING - DEUTZ (STAGE V) (460SJ) (CE & UK CA SPECS)



ART_1001245379

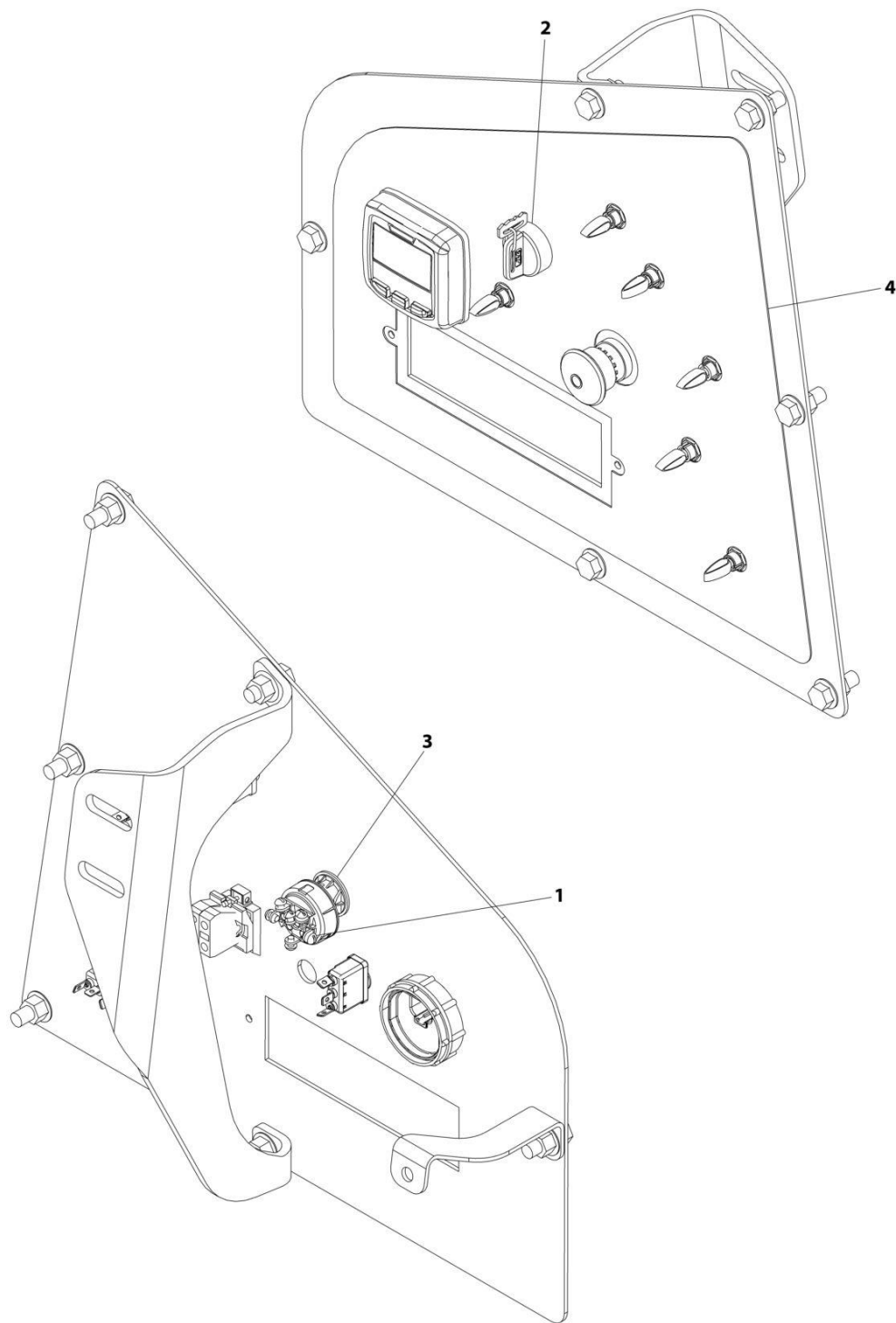
SECTION 2 - TURNTABLE

FIGURE 2-32. GROUND CONTROL MOUNTING - DEUTZ (STAGE V) (460SJ) (CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001245379	Ref	GROUND CONTORL MOUNTING	B
1	0100035	AR	Compound, Locking	
2	5251012	6	Bolt M10 x 25	
3	5261000	6	Nut M10	
5	1001245317	1	Plate, Ground Control	
6	1001235528	1	Support	
7	1001235529	1	Bracket	

SECTION 2 - TURNTABLE

FIGURE 2-33. GROUND CONTROL DECAL AND KEYSWITCH INSTALLATION - 400S (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)



ART_1001222139

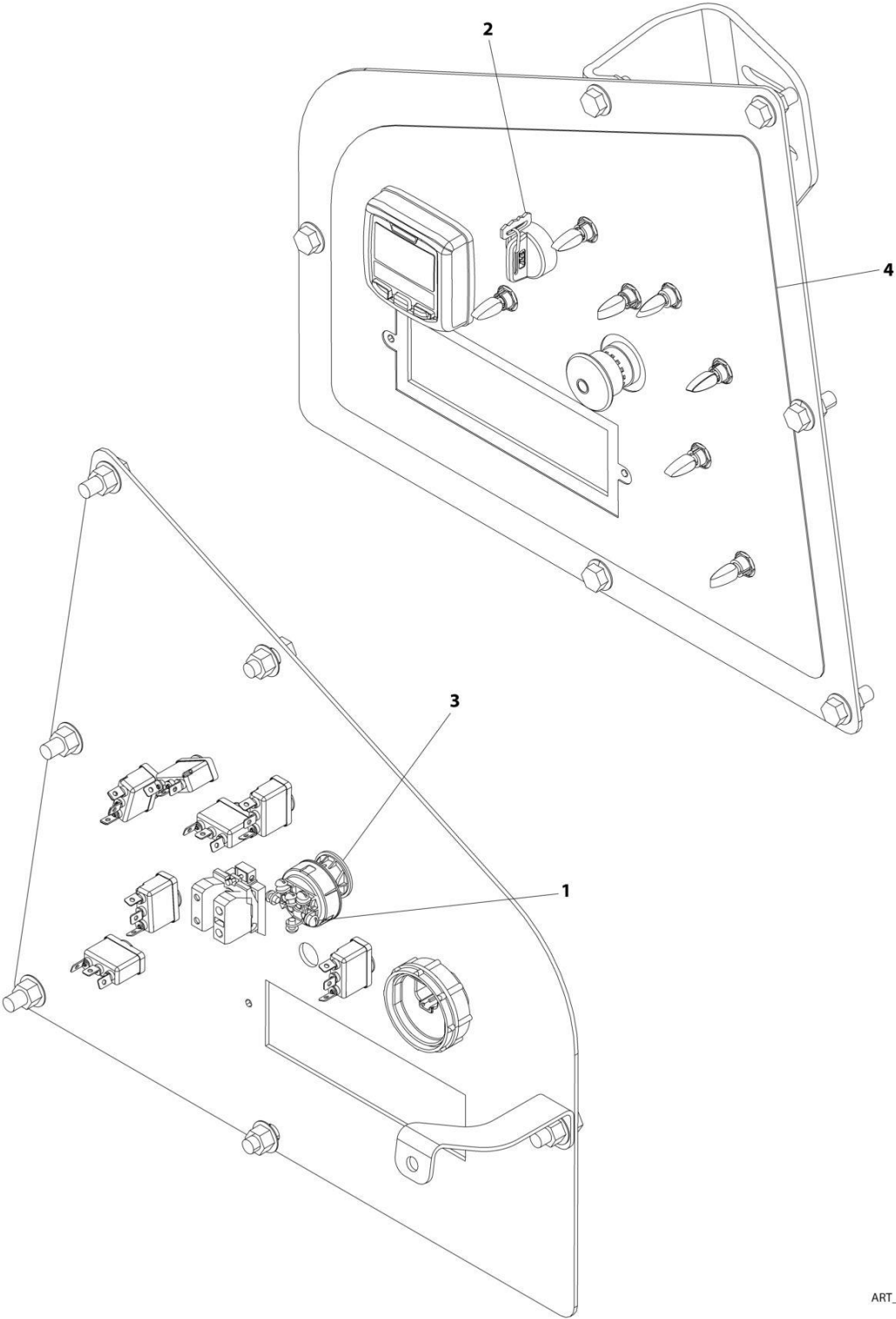
SECTION 2 - TURNTABLE

FIGURE 2-33. GROUND CONTROL DECAL AND KEYSWITCH INSTALLATION - 400S (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222139	Ref	GROUND CONTROL DECAL AND KEYSWITCH INSTALLATION - 400S	B
1	3910804	6	Screw #8 x 1/4	
2	4360469	1	Switch, Key	
2	2860030	1	Key, Replacement	
3	1001151393	1	Shim .063	
4	1001221402	1	Decal - Ground Control	

SECTION 2 - TURNTABLE

FIGURE 2-34. GROUND CONTROL DECAL AND KEYSWITCH INSTALLATION - 460SJ (ALL SPECS EXCEPT CE & UK CA SPEC)



ART_1001222140

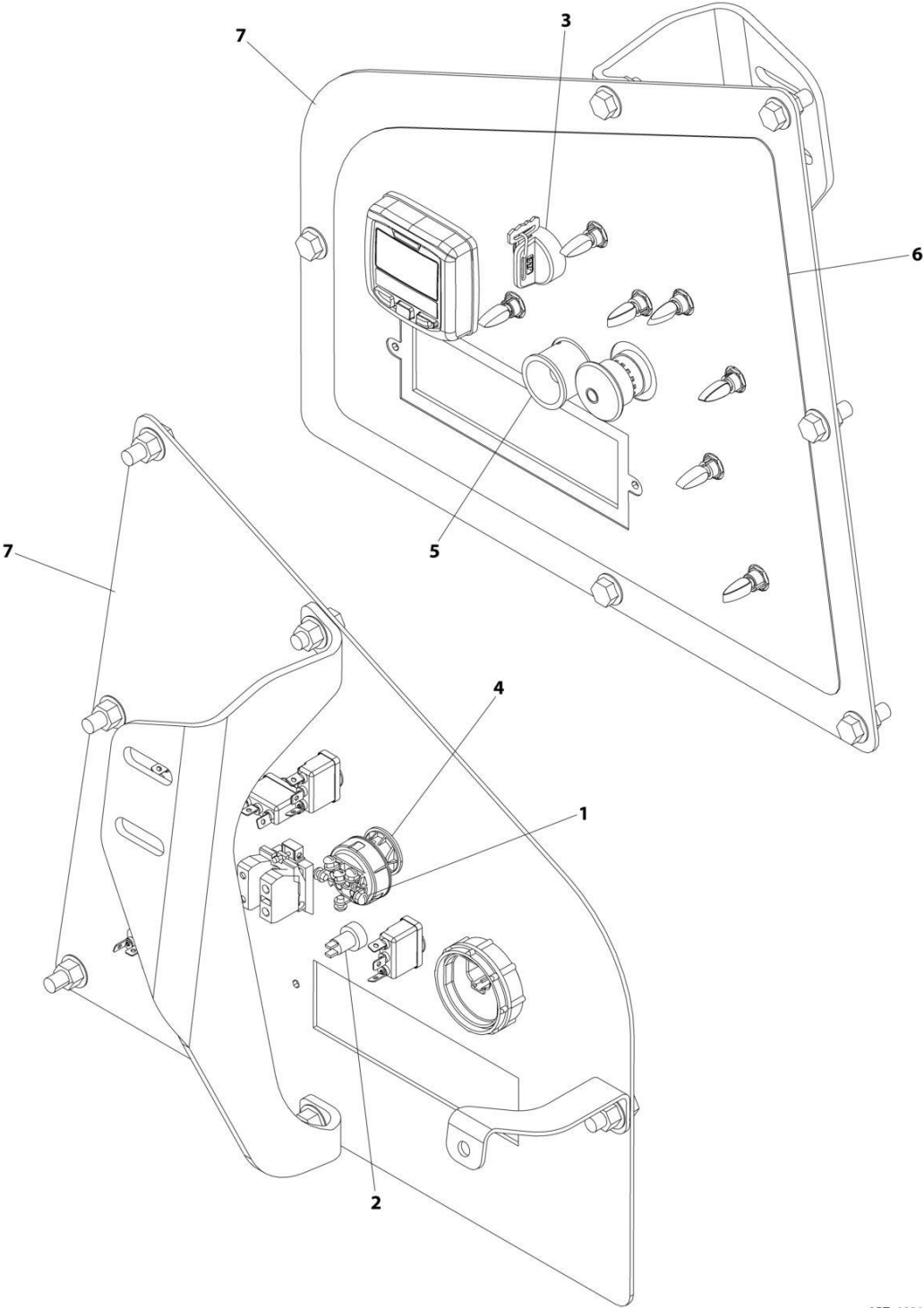
SECTION 2 - TURNTABLE

FIGURE 2-34. GROUND CONTROL DECAL AND KEYSWITCH INSTALLATION - 460SJ (ALL SPECS EXCEPT CE & UK CA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222140	Ref	GROUND CONTROL DECAL AND KEYSWITCH INSTALLATION - 460SJ	B
1	3910804	6	Screw #8 x 1/4	
2	4360469	1	Switch, Key	
2	2860030	1	Key, Replacement	
3	1001151393	1	Shim .063	
4	1001221403	1	Decal - Ground Control	

SECTION 2 - TURNTABLE

FIGURE 2-35. GROUND CONTROL DECAL AND KEYSWITCH INSTALLATION - 460SJ (CE(LRC) & UK CA SPEC)



ART_1001222142

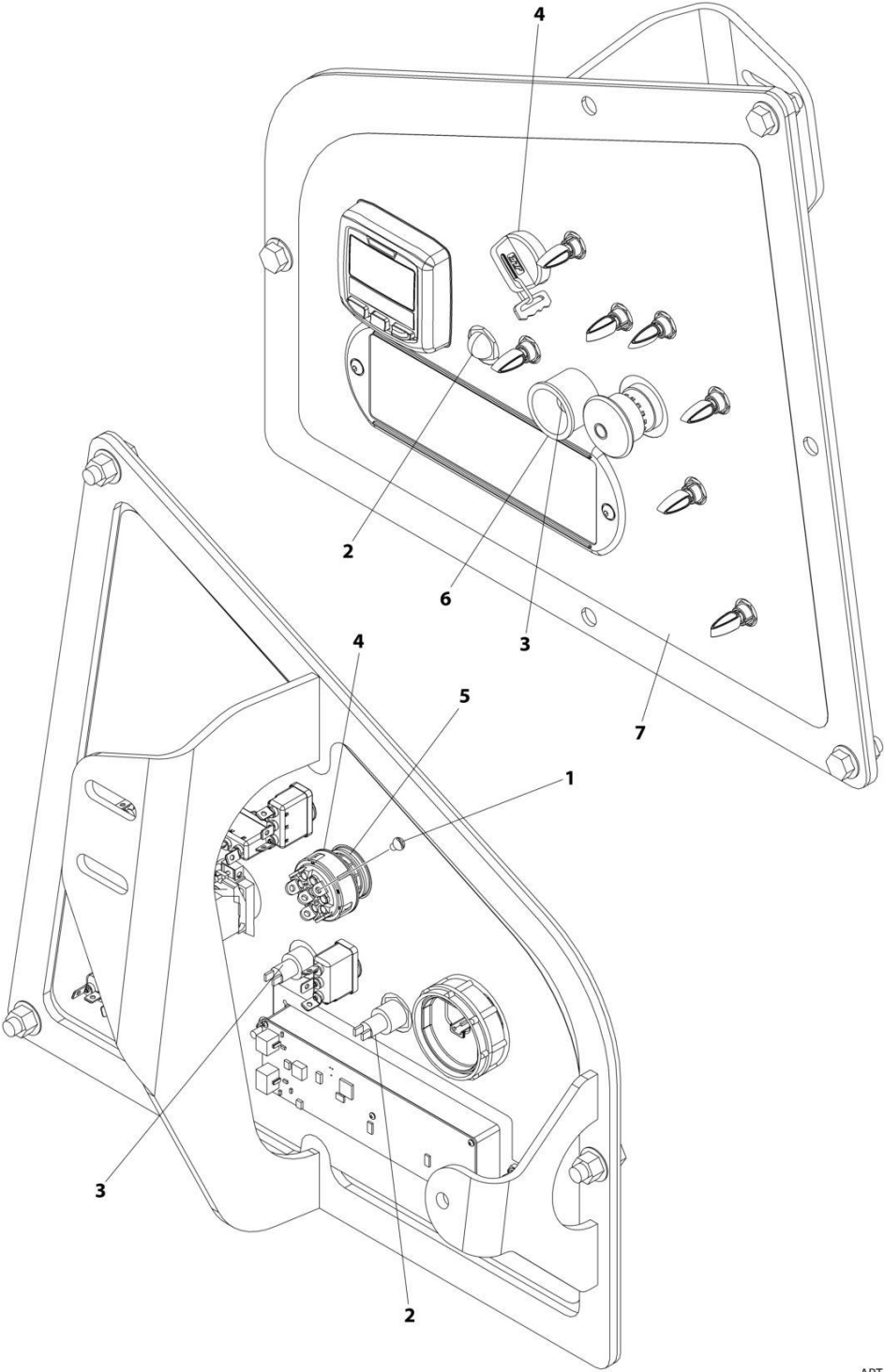
SECTION 2 - TURNTABLE

FIGURE 2-35. GROUND CONTROL DECAL AND KEYSWITCH INSTALLATION - 460SJ (CE(LRC) & UK CA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222142	Ref	GROUND CONTROL DECAL AND KEYSWITCH INSTALLATION - 460SJ	C
1	3910804	6	Screw #8 x 1/4	
2	4360387	1	Switch, Push Button	
3	4360469	1	Switch, Key	
3	2860030	1 set	Key, Replacement	
4	1001151393	1	Shim .063	
5	1001176469	1	Shroud, Switch	
6	1001221405	1	Decal - Ground Control	
7	1001239293	1	Mount	

SECTION 2 - TURNTABLE

FIGURE 2-36. GROUND CONTROL DECAL AND KEYSWITCH INSTALLATION - 460SJ (STAGE V) (CE & UK CA SPECS)



ART_1001245831

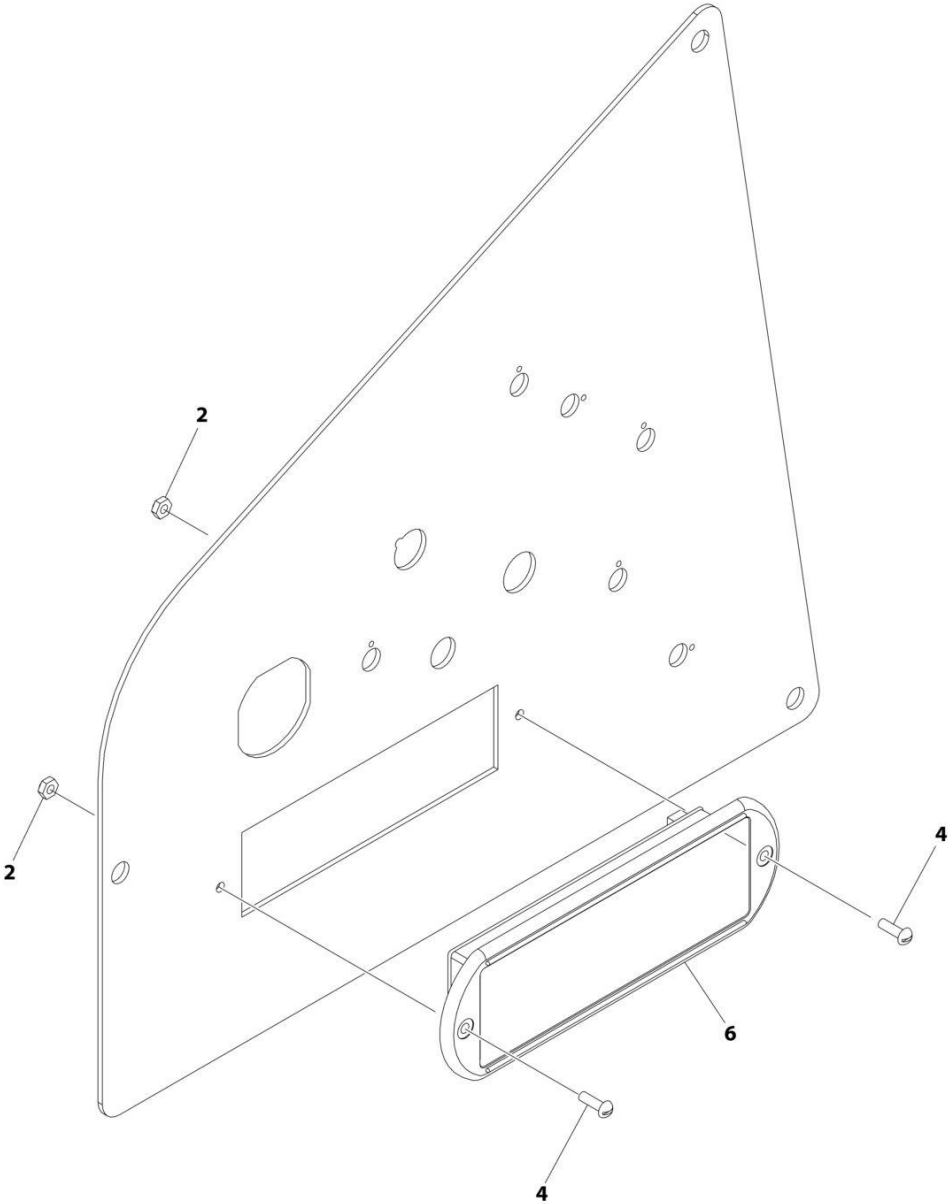
SECTION 2 - TURNTABLE

FIGURE 2-36. GROUND CONTROL DECAL AND KEYSWITCH INSTALLATION - 460SJ (STAGE V) (CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001245831	Ref	GROUND CONTROL DECAL AND KEYSWITCH INSTALLATION	B
1	3910804	6	Screw #8 x 1/4	
2	4360274	1	Switch, Push Button	
3	4360387	1	Switch, Push Button	
4	4360469	1	Switch, Key	
4	2860030	1	Key, Replacement	
5	1001151393	1	Shim .063	
6	1001176469	1	Shroud, Switch	
7	1001245827	1	Decal, Ground Control	

SECTION 2 - TURNTABLE

FIGURE 2-37. LIGHT PANEL INSTALLATION



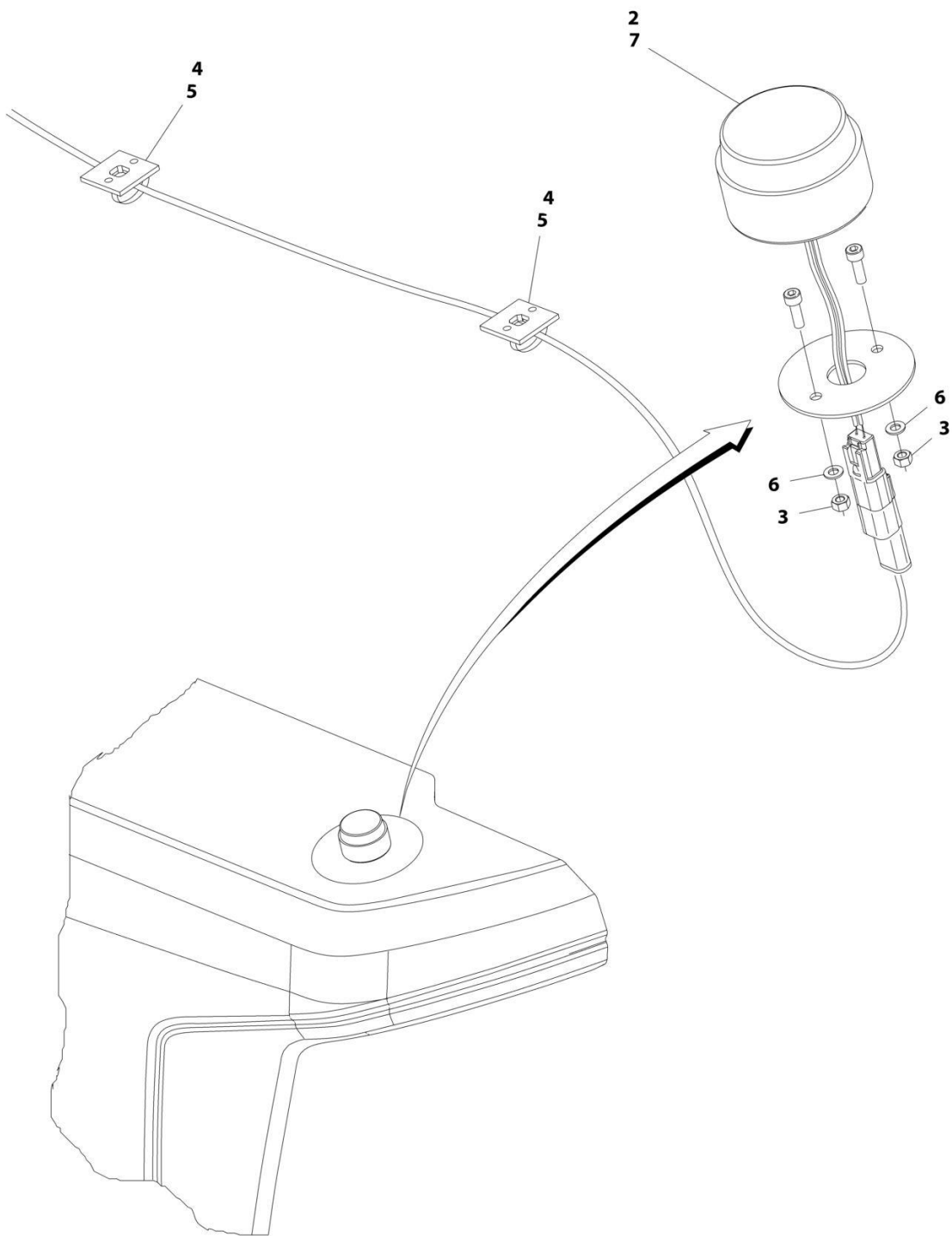
ART_1001242680_1OF2

FIGURE 2-37. LIGHT PANEL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242680	Ref	LIGHT PANEL INSTALLATION - 460SJ	A
2	3300408	2	Nut, Lock	
4	3911010	2	Screw #10 x 5/8	
6	1001237546	1	Light Panel Electrical Assembly	
6	1001236091	1	Overlay	
6	1001187807	1	Light Panel PCB	

SECTION 2 - TURNTABLE

FIGURE 2-38. BEACON LIGHT INSTALLATION - AMBER



ART_1001172816

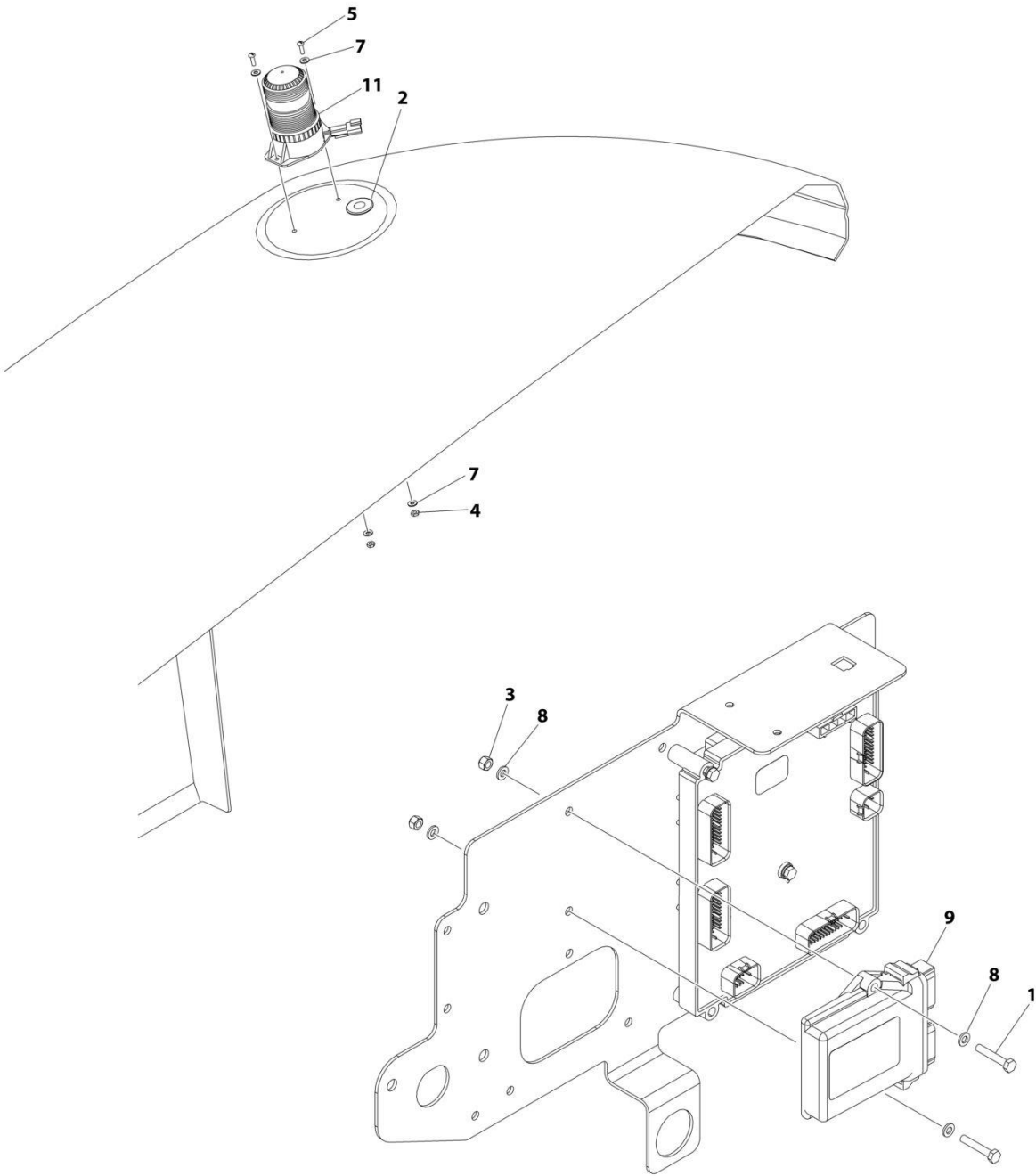
SECTION 2 - TURNTABLE

FIGURE 2-38. BEACON LIGHT INSTALLATION - AMBER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172816	Ref	BEACON LIGHT INSTALLATION - AMBER	C
2	1001181405	1	Light, Strobe (Amber)	
2	4460897	1	Receptacle, Female - 2 Position	
2	4460464	2	Pin, Male	
3	3290505	2	Nut M5	
4	4240032	AR	Tie-Strap	
5	4460234	2	Mount, Tie-Strap	
6	4811600	2	Washer M5	
7	0100048	1	Grease, Terminal	

SECTION 2 - TURNTABLE

FIGURE 2-39. BEACON LIGHT INSTALLATION - BLUE



ART_1001242851

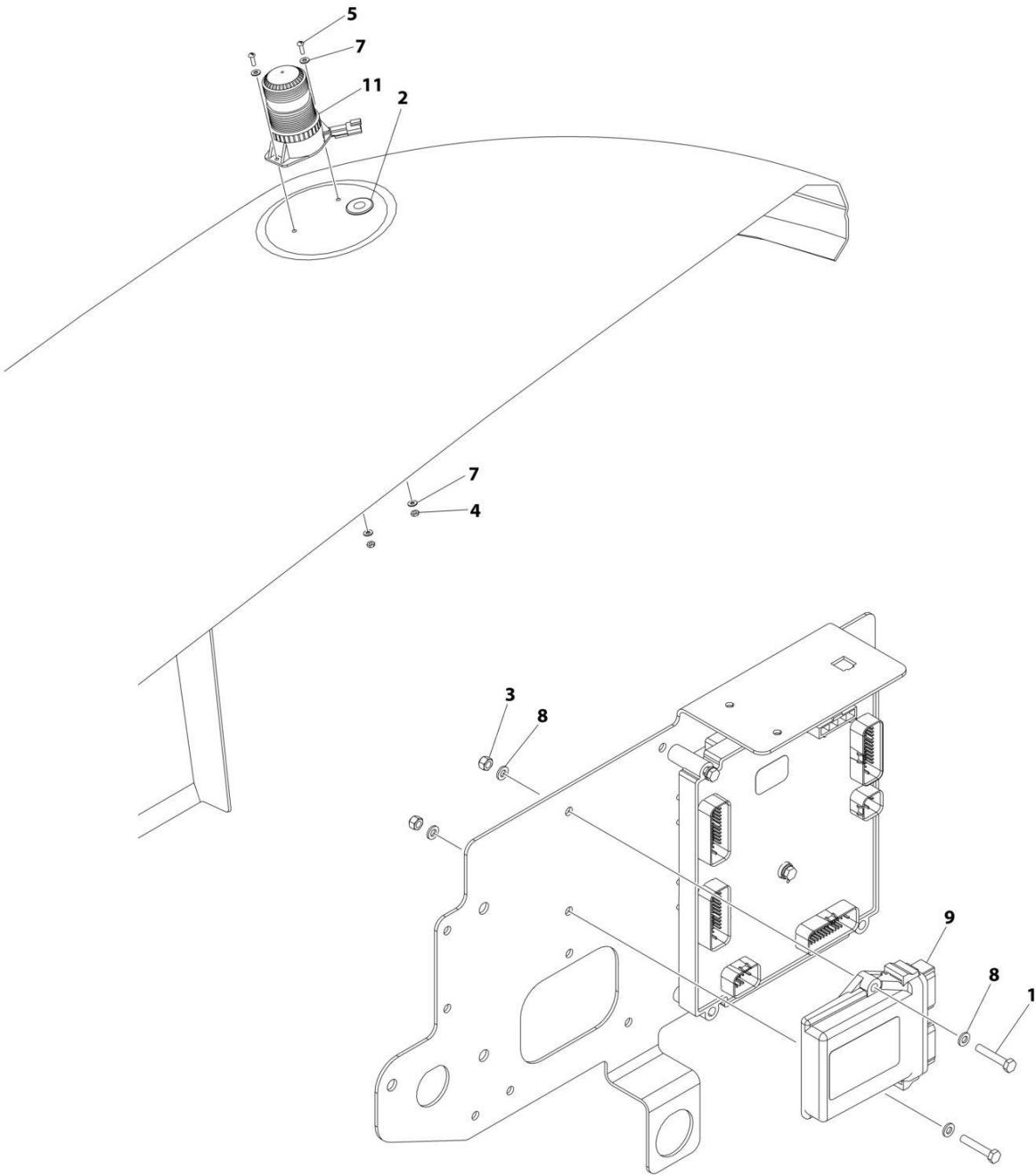
SECTION 2 - TURNTABLE

FIGURE 2-39. BEACON LIGHT INSTALLATION - BLUE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242851	Ref	BEACON LIGHT INSTALLATION - BLUE	A
1	0760615	2	Bolt M6 x 35	
2	2540020	1	Grommet, Insulation	
3	3290605	2	Nut M6	
4	3311005	2	Nut #10	
5	3911010	2	Screw #10 x 5/8	
6	4240099	AR	Tie-Strap (Not Shown)	
7	4711000	4	Washer #10	
8	4811700	4	Washer M6	
9	1001142683	1	Control Module (Note: Re-calibration Required when Replaced)	
10	1001142736	1	Beacon Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
11	1001200910	1	Light, Beacon	
11	4460897	1	Receptacle, Female - 2 Position	
11	4460943	2	Pin, Male	

SECTION 2 - TURNTABLE

FIGURE 2-40. BEACON LIGHT INSTALLATION - RED



ART_1001242852

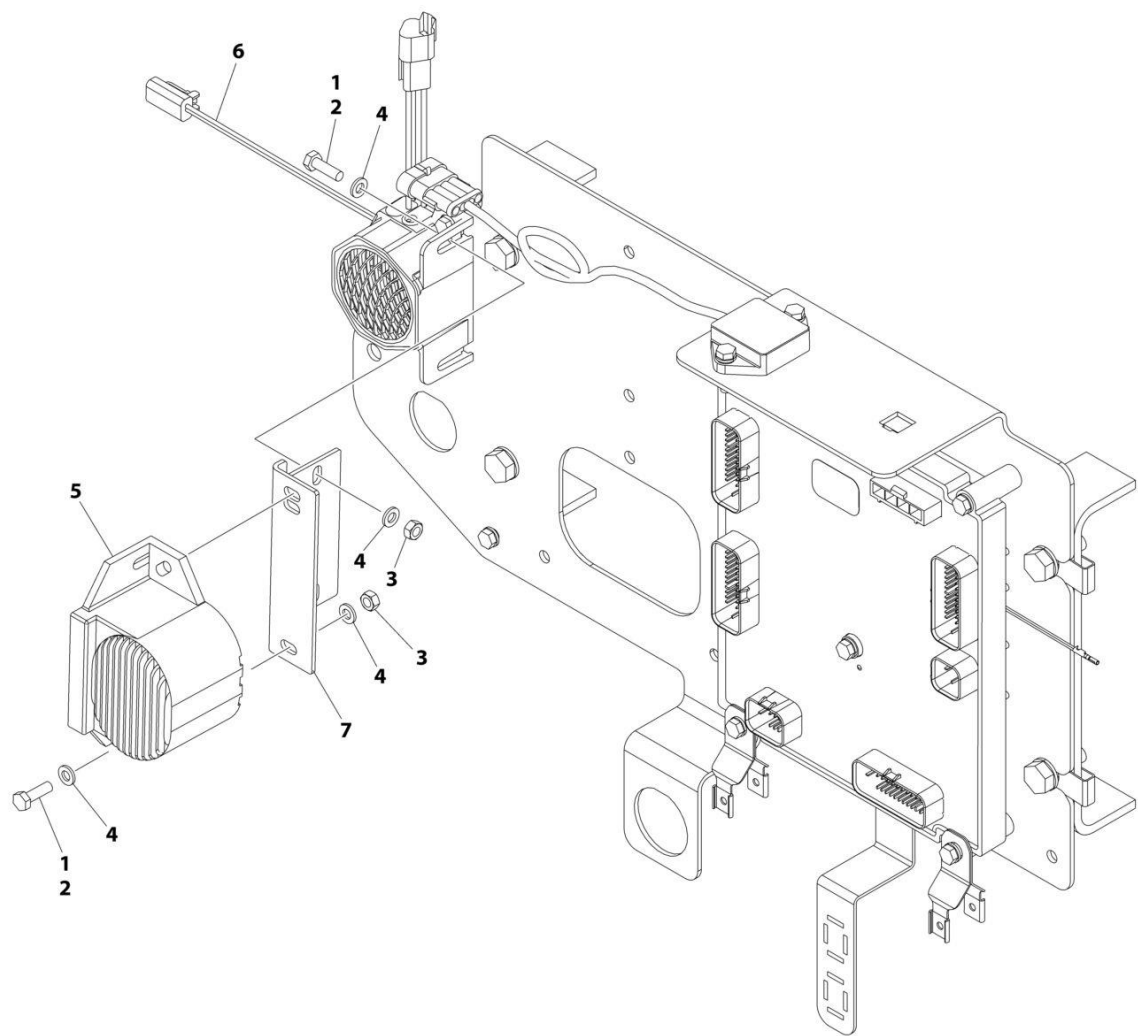
SECTION 2 - TURNTABLE

FIGURE 2-40. BEACON LIGHT INSTALLATION - RED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242852	Ref	BEACON LIGHT INSTALLATION - RED	A
1	0760615	2	Bolt M6 x 35	
2	2540020	1	Grommet, Insulation	
3	3290605	2	Nut M6	
4	3311005	2	Nut #10	
5	3911010	2	Screw #10 x 5/8	
6	4240099	AR	Tie-Strap (Not Shown)	
7	4711000	4	Washer #10	
8	4811700	4	Washer M6	
9	1001142683	1	Control Module (Note: Re-calibration Required when Replaced)	
10	1001142736	1	Beacon Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
11	1001207004	1	Light, Red Beacon	
11	4460897	1	Receptacle, Female - 2 Position	
11	4460943	2	Pin, Male	

SECTION 2 - TURNTABLE

FIGURE 2-41. WHITE NOISE ALARM INSTALLATION (AMBIENT)



ART_1001209618

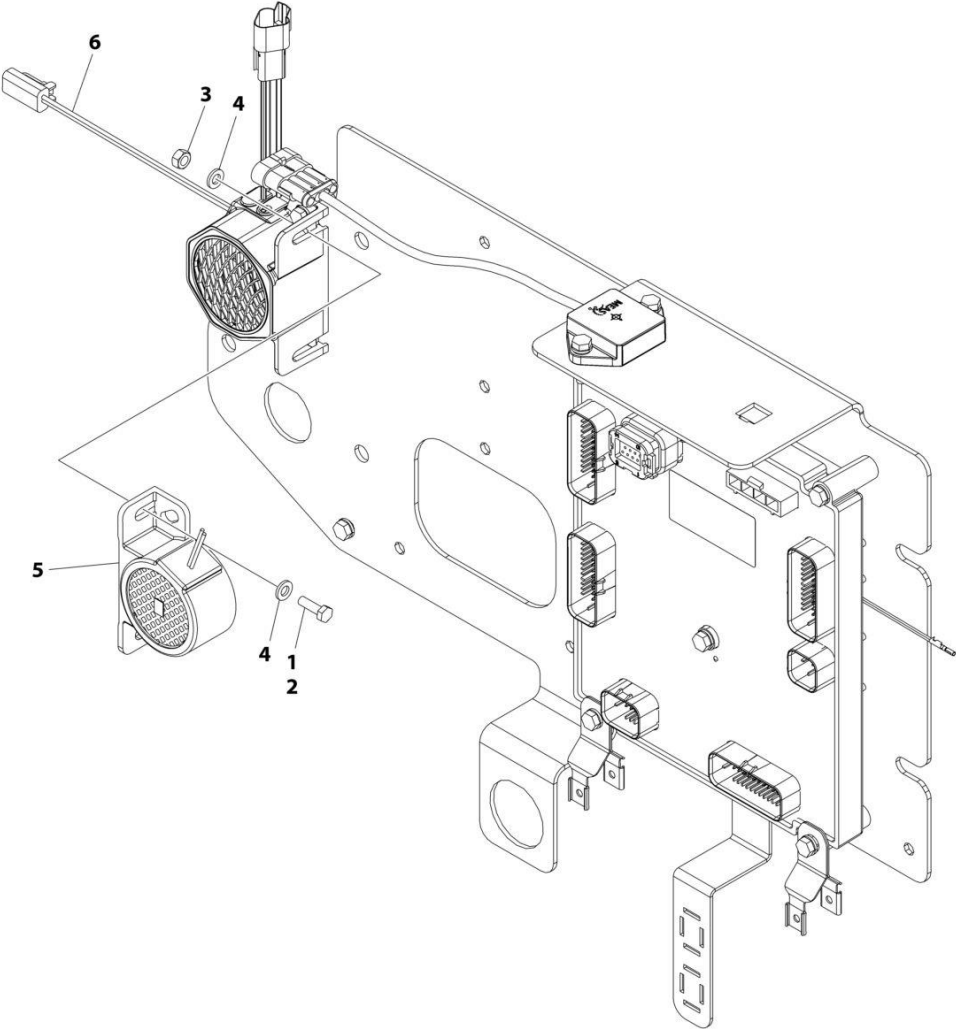
SECTION 2 - TURNTABLE

FIGURE 2-41. WHITE NOISE ALARM INSTALLATION (AMBIENT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209618	Ref	WHITE NOISE ALARM INSTALLATION	C
1	0100011	AR	Compound, Locking	
2	0760610	4	Bolt M6 x 20	
3	3290601	4	Nut M6	
4	4811700	8	Washer M6	
5	1001182806	1	Alarm	
6	1001190663	1	Harness, Jumper	
6	4460891	1	Connector - 2 Position	
6	4460465	2	Socket, Female	
6	4460871	2	Socket, Female	
7	1001231886	1	Plate	

SECTION 2 - TURNTABLE

FIGURE 2-42. WHITE NOISE ALARM INSTALLATION (CONSTANT)



ART_1001263176

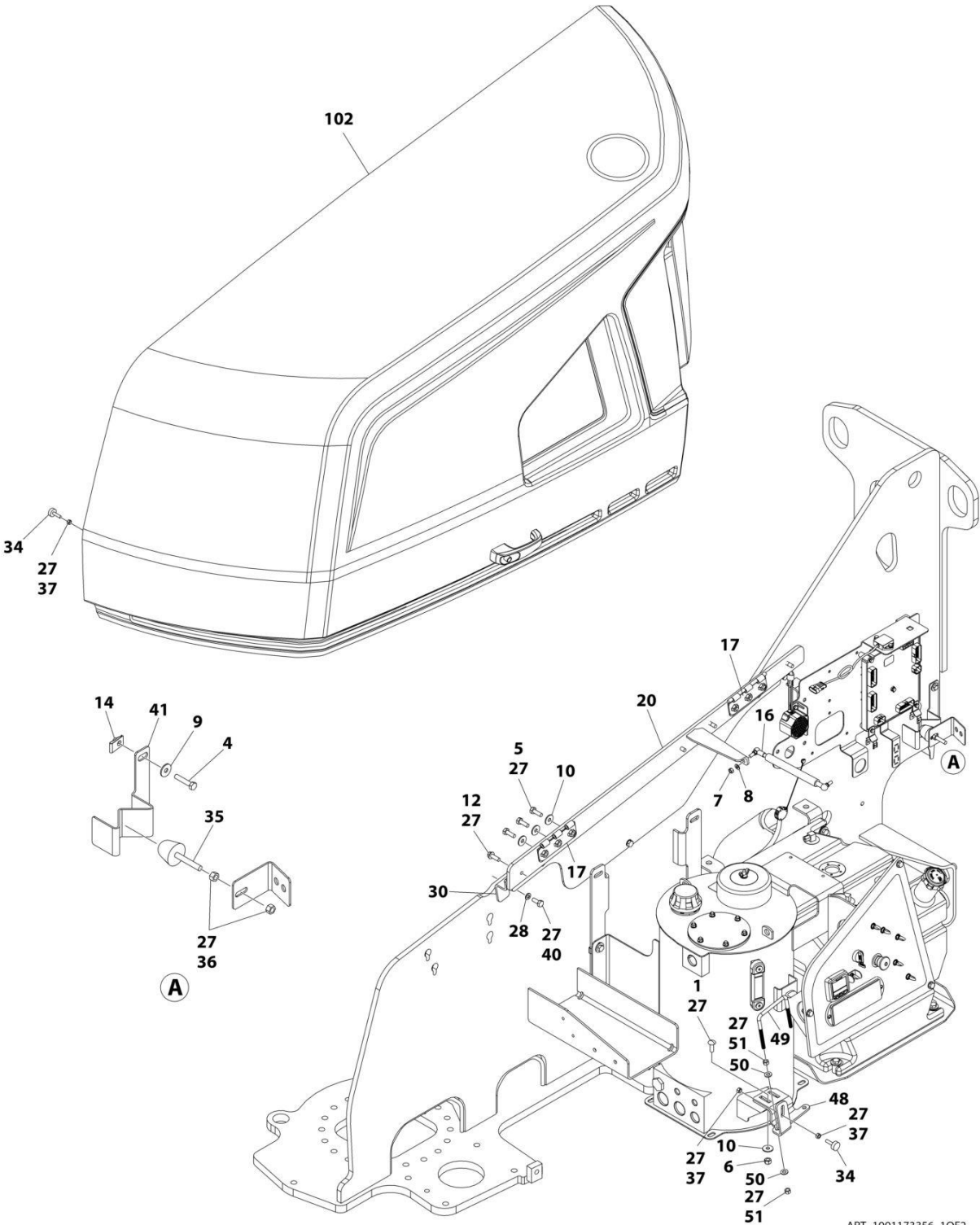
SECTION 2 - TURNTABLE

FIGURE 2-42. WHITE NOISE ALARM INSTALLATION (CONSTANT)

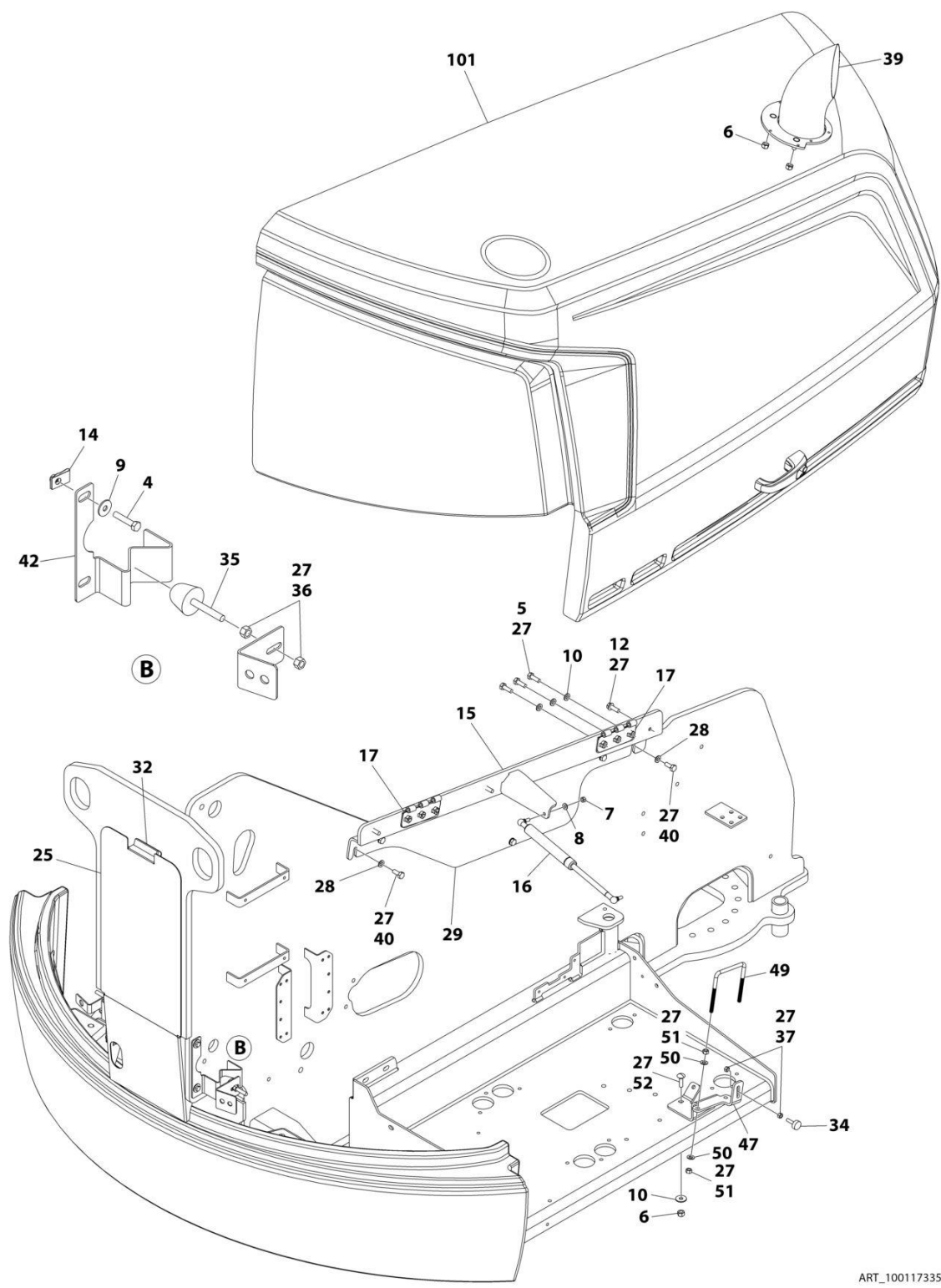
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263176	Ref	WHITE NOISE ALARM INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0760610	2	Bolt M6 x 20	
3	3290601	2	Nut M6	
4	4811700	4	Washer M6	
5	1001184682	1	Alarm	
6	1001190663	1	Harness, Jumper	
6	4460891	2	Connector - 2 Position	
6	4460465	2	Socket, Female	
6	4460871	1	Socket, Female	

SECTION 2 - TURNTABLE

FIGURE 2-43. HOOD INSTALLATION - ABS (DEUTZ & GM ENGINES)



SECTION 2 - TURNTABLE



ART_1001173356_2OF2

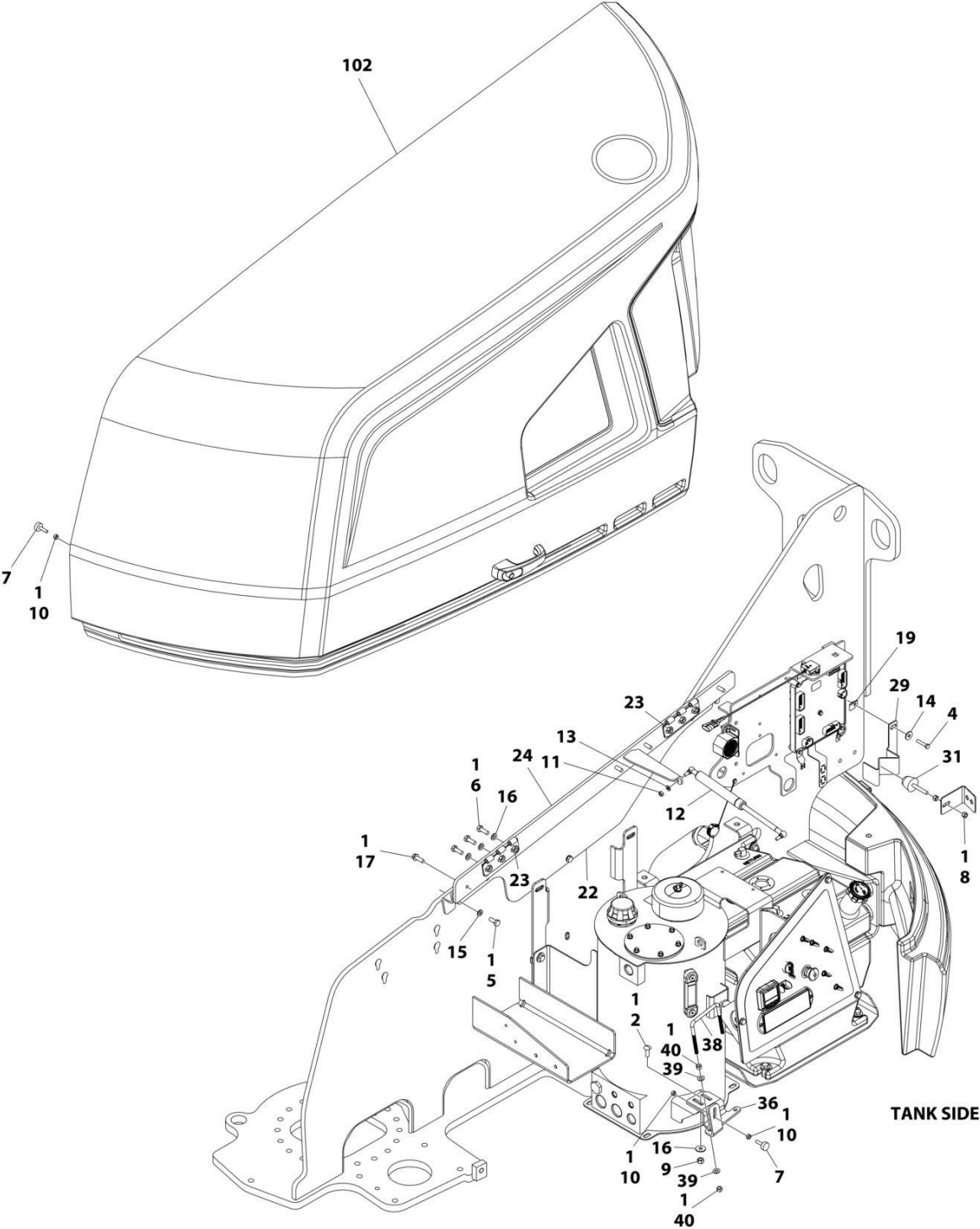
SECTION 2 - TURNTABLE

FIGURE 2-43. HOOD INSTALLATION - ABS (DEUTZ & GM ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173356	Ref	HOOD INSTALLATION	K
1	0630613	2	Bolt M10 x 30	
4	0760816	4	Bolt M8 x 40	
5	0761014	12	Bolt M10 x 30	
6	3291005	7	Nut M10	
7	3311505	2	Nut 5/16	
8	4711500	2	Washer 5/16	
9	4811902	AR	Washer M8	
10	4812002	16	Washer M10	
12	5251014	8	Bolt M10 x 30	
14	1001149160	4	Nut, Tinnerman M8	
15	1001167159	1	Mount, Adjustment	
16	4160182	2	Spring, Gas	
17	1001169046	4	Nut	
20	1001170850	1	Mount, Adjustment	
25	1001173354	1	Cover	
27	0100011	AR	Compound, Locking	
28	4812000	10	Washer M10	
29	1001165060	1	Plate	
30	1001168173	1	Mount, Hinge	
32	90200755	AR	Tape, Gasket	
34	0940049	4	Stopper	
35	1001206314	2	Bumper	
36	3271601	4	Nut 3/8	
37	3311501	8	Nut 5/16	
39	1001174098	1	Outlet, Exhaust	
40	0761012	10	Bolt M10 x 25	
41	1001199207	1	Bracket, Bumper	
42	1001199901	1	Bracket, Bumper	
47	1001250287	1	Bracket, Engine	
48	1001250289	1	Bracket, Tank	
49	1001243414	2	Bolt, U-Bolt	
50	4711600	AR	Washer 3/8	
51	3311601	AR	Nut 3/8	
52	1001228406	2	Bolt M10 x 35	
100	1001202298	1	Hood Kit (Not Shown - Includes Items 101 & 102)	
101	1001170551	1	Hood Assembly - Engine Side (See Separate Breakdown in this Section)	
102	1001170552	1	Hood Assembly - Tank Side (See Separate Breakdown in this Section)	

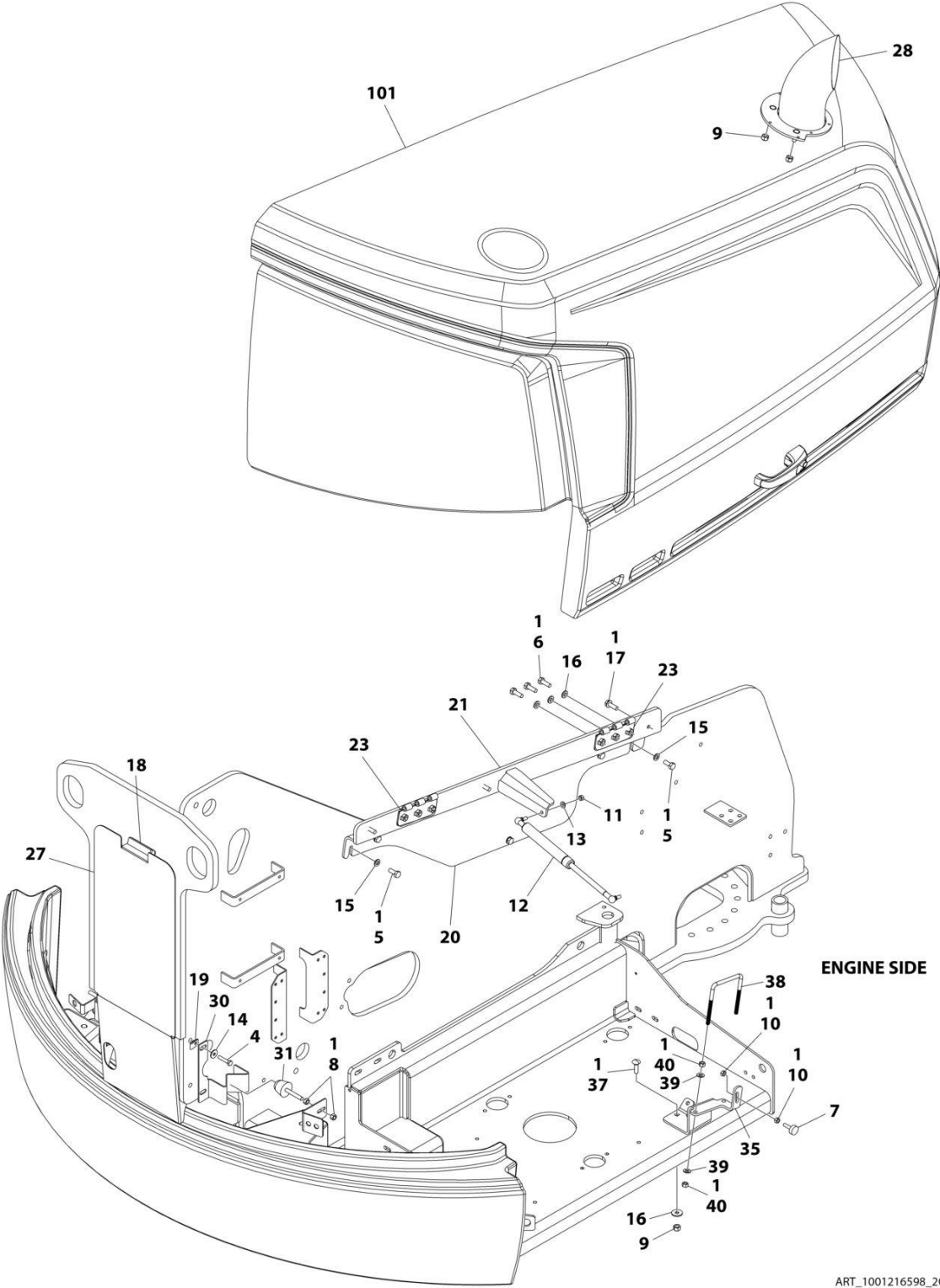
SECTION 2 - TURNTABLE

FIGURE 2-44. HOOD INSTALLATION - ABS (KUBOTA ENGINES)



ART_1001216598_10F2

SECTION 2 - TURNTABLE



ART_1001216598_2OF2

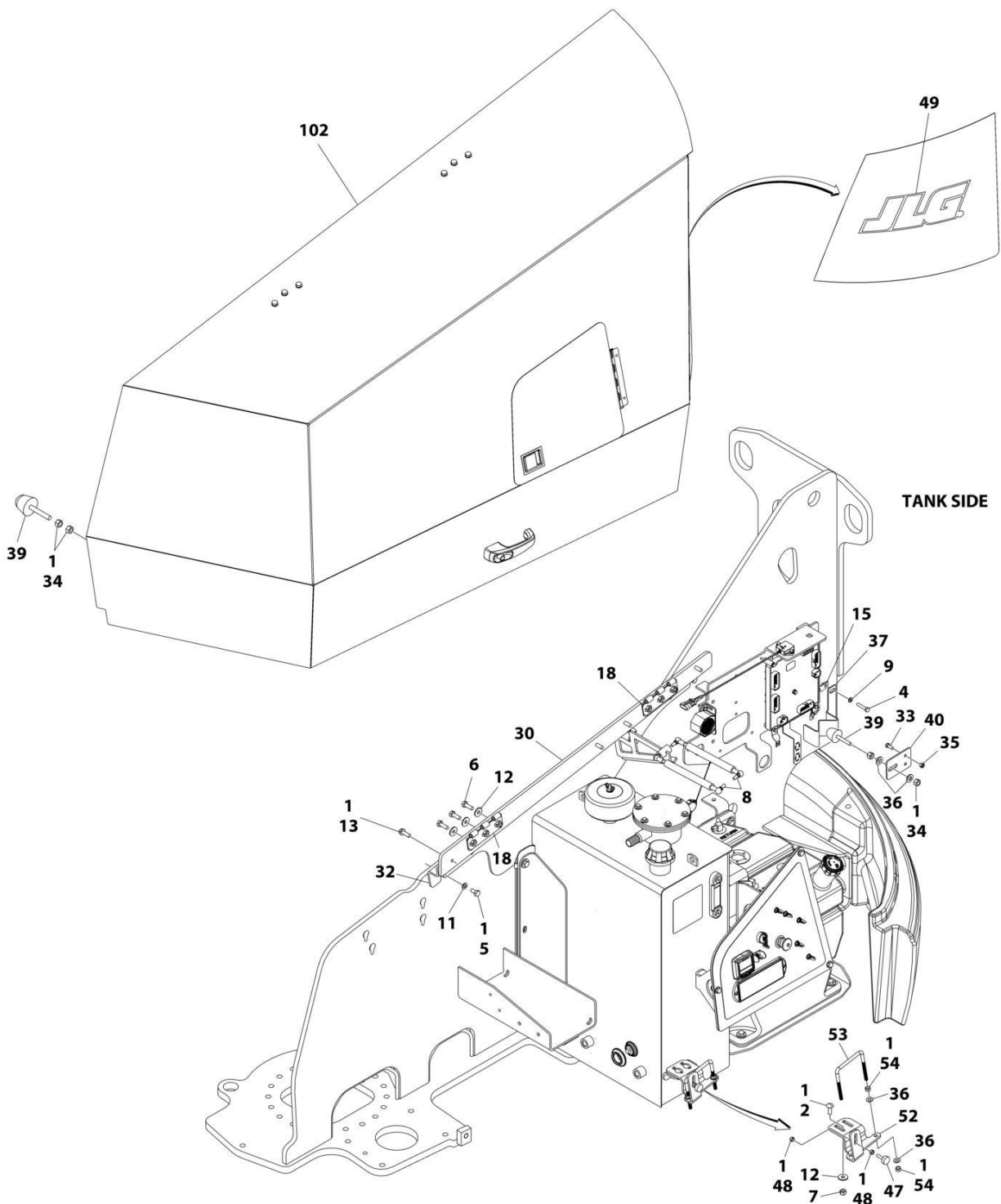
SECTION 2 - TURNTABLE

FIGURE 2-44. HOOD INSTALLATION - ABS (KUBOTA ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216598	Ref	KUBOTA HOOD INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0630613	2	Bolt M10 x 30	
4	0760816	4	Bolt M8 x 40	
5	0761012	10	Bolt M10 x 25	
6	0761014	12	Bolt M10 x 30	
7	0940049	4	Stopper	
8	3271601	4	Nut 3/8	
9	3291005	7	Nut M10	
10	3311501	8	Nut 5/16	
11	3311505	2	Nut 5/16	
12	4160182	2	Spring, Gas	
13	4711500	2	Washer 5/16	
14	4811902	AR	Washer M8	
15	4812000	10	Washer M10	
16	4812002	16	Washer M10	
17	5251014	8	Bolt M10 x 30	
18	90200755	AR	Tape, Gasket	
19	1001149160	4	Nut, Tinnerman M8	
20	1001165060	1	Plate	
21	1001167159	1	Mount, Adjustment	
22	1001168173	1	Mount, Hinge	
23	1001169046	4	Nut	
24	1001170850	1	Mount, Adjustment	
27	1001173354	1	Cover	
28	1001174098	1	Outlet, Exhaust	
29	1001199207	1	Bracket, Bumper	
30	1001199901	1	Bracket, Bumper	
31	1001206314	2	Bumper	
35	1001250288	1	Bracket, Engine	
36	1001250289	1	Bracket, Tank	
37	1001228406	2	Bolt, Carriage	
38	1001243414	2	Bolt, U-bolt	
39	4711600	AR	Washer 3/8	
40	3311601	AR	Nut 3/8	
100	1001202298	1	Hood Kit (Not Shown - Includes Items 101 & 102)	
101	1001170551	1	Hood Assembly - Engine Side (See Separate Breakdown in this Section)	
102	1001170552	1	Hood Assembly - Tank Side (See Separate Breakdown in this Section)	

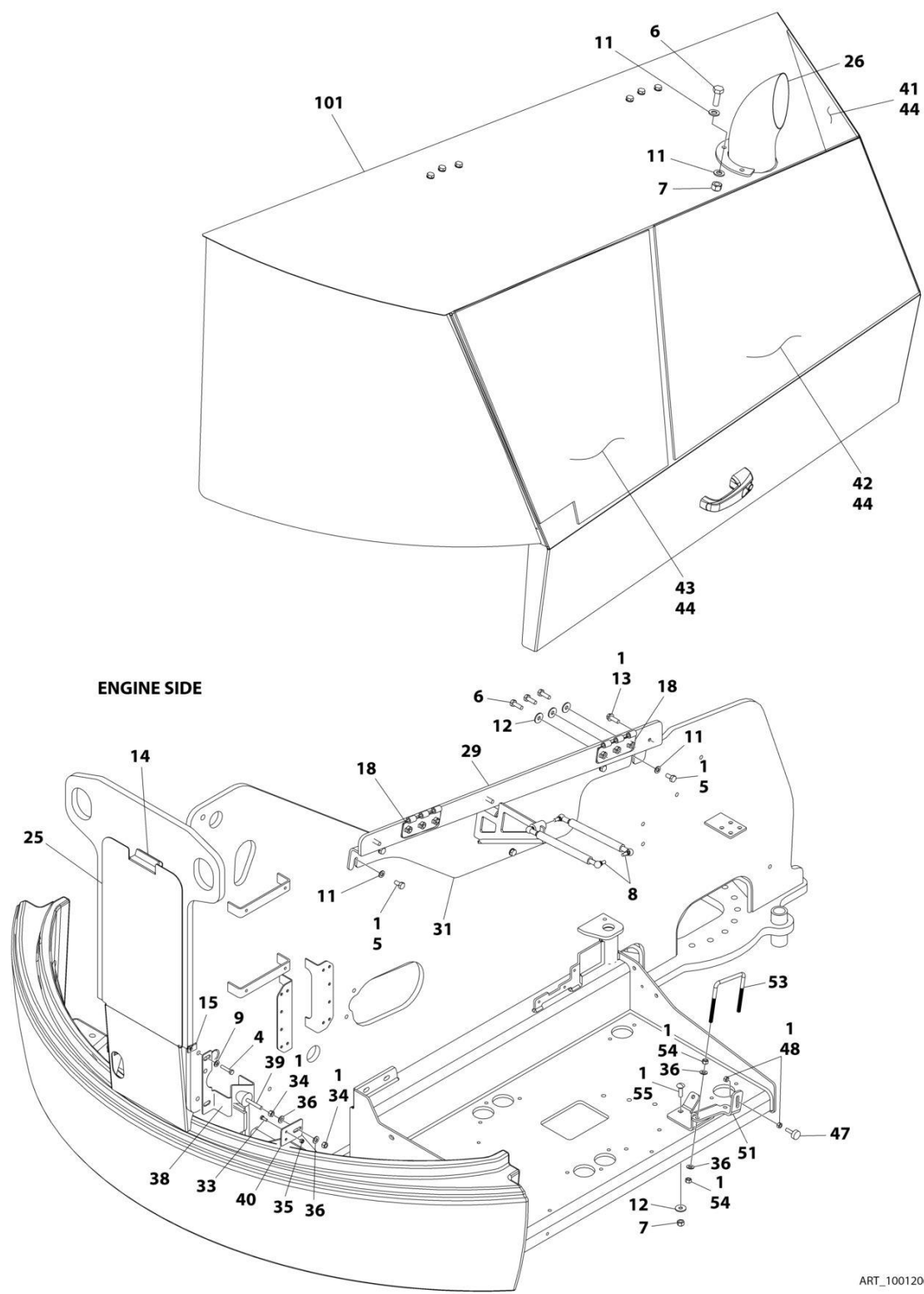
SECTION 2 - TURNTABLE

FIGURE 2-45. HOOD INSTALLATION - STEEL



ART_1001206402_1OF2

SECTION 2 - TURNTABLE



ART_1001206402_2OF2

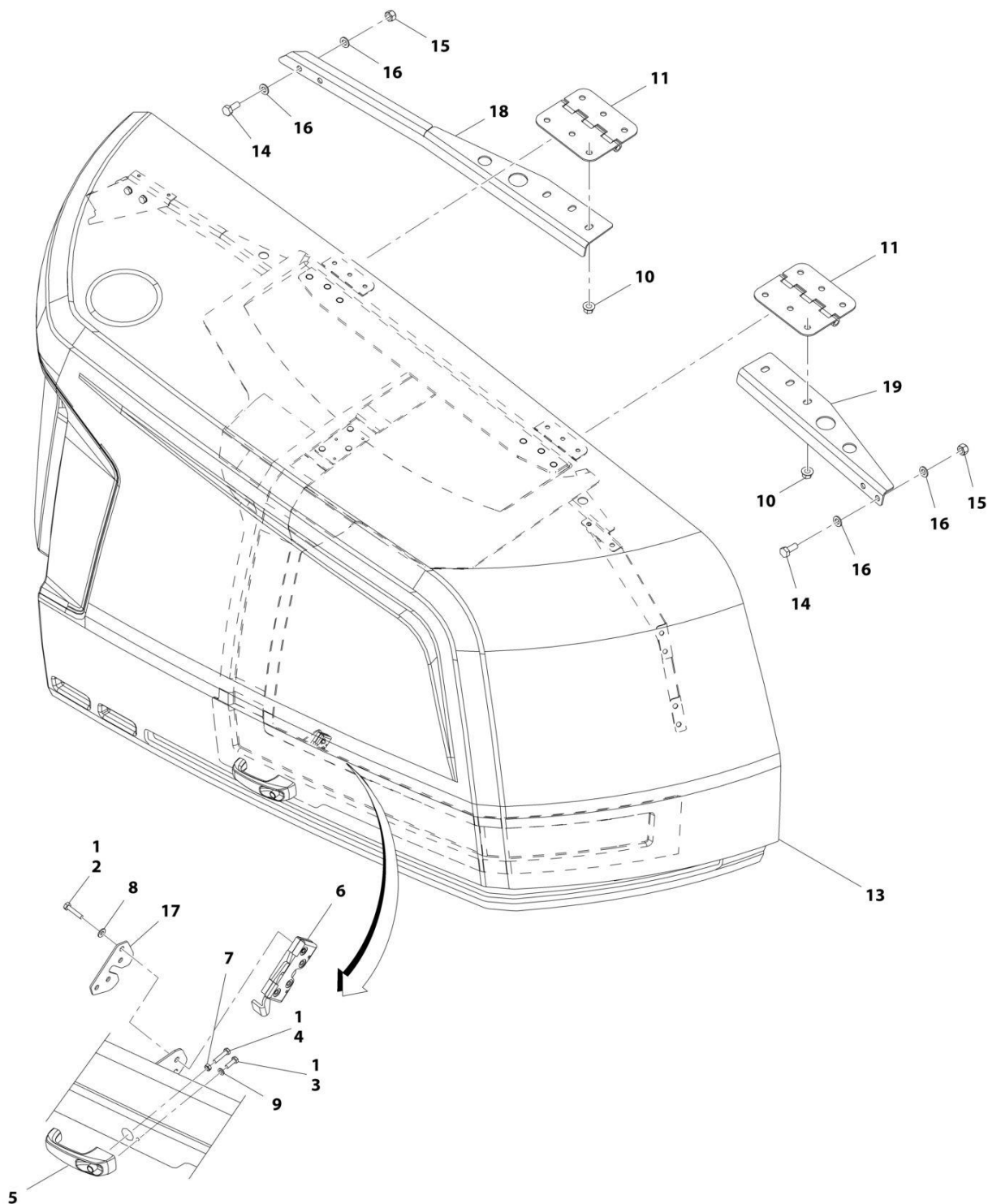
SECTION 2 - TURNTABLE

FIGURE 2-45. HOOD INSTALLATION - STEEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206402	Ref	STEEL HOOD INSTALLATION	H
1	0100011	AR	Compound, Locking	
2	0630613	2	Bolt M10 x 30	
4	0760816	4	Bolt M8 x 40	
5	0761012	10	Bolt M10 x 25	
6	0761014	15	Bolt M10 x 30	
7	3291005	7	Nut M10	
8	1001167918	4	Spring, Gas	
9	4811900	4	Washer M8	
11	4812000	16	Washer M10	
12	4812002	16	Washer M10	
13	5251012	8	Bolt M10 x 25	
14	90200755	85 mm	Tape, Gasket	
15	1001149160	4	Nut, Tinnerman M8	
18	1001169046	4	Nut	
25	1001173354	1	Cover	
26	1001174098	1	Outlet, Exhaust	
29	1001211633	1	Plate	
30	1001211636	1	Plate	
31	1001212819	1	Mount, Hinge	
32	1001212822	1	Mount, Hinge	
33	0760608	4	Bolt M6 x 16	
34	3271601	8	Nut 3/8	
35	3290605	4	Nut M6	
36	4711600	4	Washer 3/8	
37	1001199207	1	Bracket, Bumper	
38	1001199901	1	Bracket, Bumper	
39	1001206314	4	Bumper	
40	1001219134	2	Plate, Bumper Mount	
41	1001222043	1	Insulate, Heat Shield	
42	1001222044	1	Insulate, Heat Shield	
43	1001223387	1	Insulate, Heat Shield	
44	1001117140	AR	Tape	
47	0940049	2	Stopper	
48	3311501	4	Nut	
49	1001159323	1	Decal - JLG	
50	1001113047	AR	Adhesive (Not Shown)	
51	1001250287	1	Bracket, Engine	
52	1001250289	1	Bracket, Tank	
53	1001243414	2	Bolt, U-Bolt	
54	3311601	8	Nut 3/8	
55	1001228406	2	Bolt, Carriage	
100	1001206403	1	Hood Kit (Not Shown - Includes Items 101 & 102)	
101	1001206404	1	Steel Hood Assembly - Engine Side (See Separate Breakdown in this Section)	
102	1001206418	1	Steel Hood Assembly - Tank Side (See Separate Breakdown in this Section)	

SECTION 2 - TURNTABLE

FIGURE 2-46. ABS HOOD ASSEMBLY - ENGINE SIDE



ART_1001170551

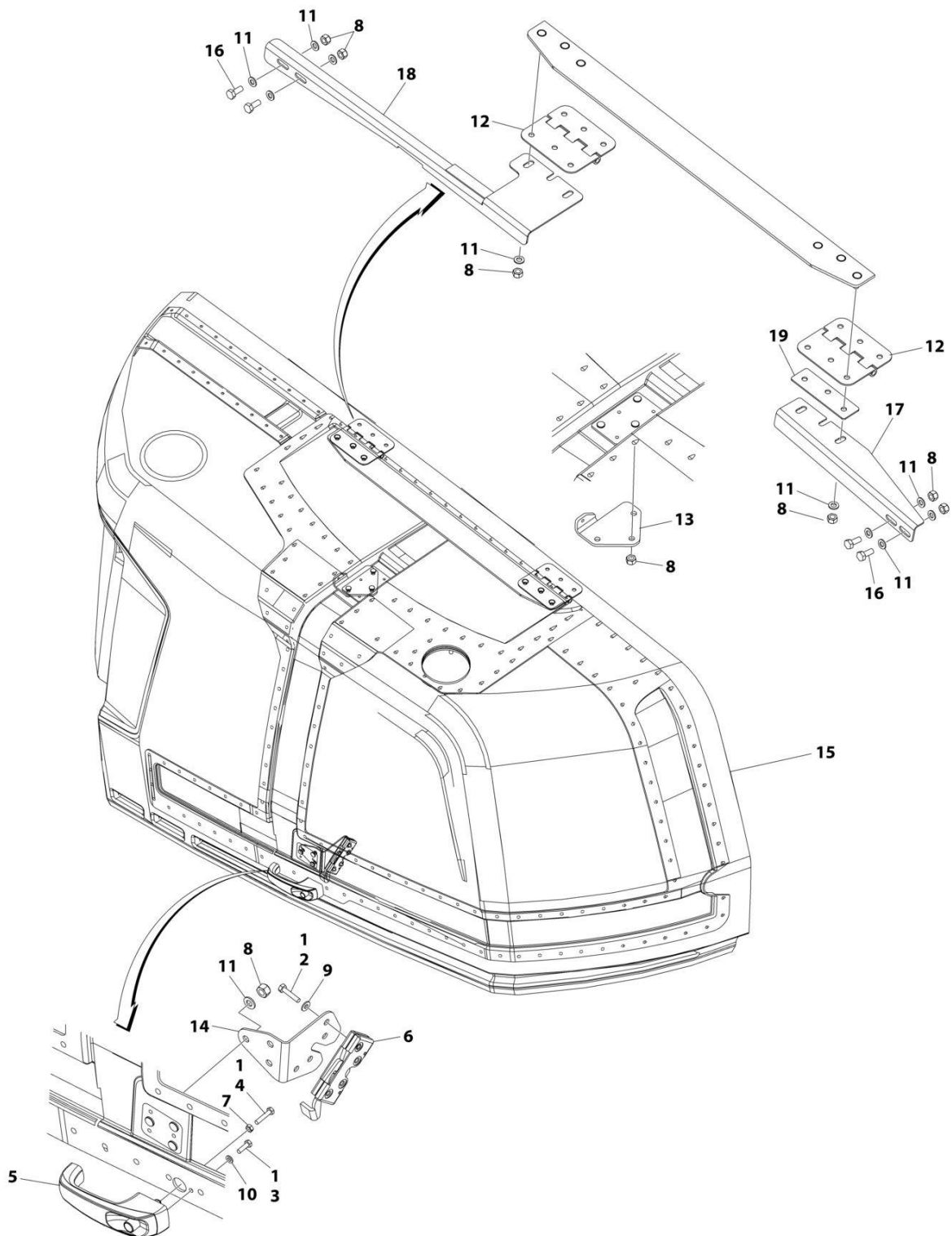
SECTION 2 - TURNTABLE

FIGURE 2-46. ABS HOOD ASSEMBLY - ENGINE SIDE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170551	Ref	HOOD ASSEMBLY - ENGINE SIDE	F
1	0100011	AR	Compound, Locking	
2	0641410	4	Bolt 1/4 x 1-1/4	
3	0760610	2	Bolt M6 x 20	
4	0760614	1	Bolt M6 x 30	
5	2560187	1	Handle, Push Button	
6	2940173	1	Latch, Rotary	
7	3290601	1	Nut M6	
8	4711400	4	Washer 1/4	
9	4811700	2	Washer M6	
10	5261018	6	Nut M10 Grade 10.9	
11	1001139384	2	Hinge	
13	See Note	NSS	Hood - Engine Side (Note: Purchase pn 1001170551)	
14	0761012	4	Bolt M10 x 25	
15	3291005	4	Nut M10	
16	4812000	8	Washer M10	
17	1001200458	1	Plate	
18	1001201636	1	Hood Support	
19	1001201635	1	Hood Support	

SECTION 2 - TURNTABLE

FIGURE 2-47. ABS HOOD ASSEMBLY - ENGINE SIDE (CE & UK CA SPEC)



ART_1001241291

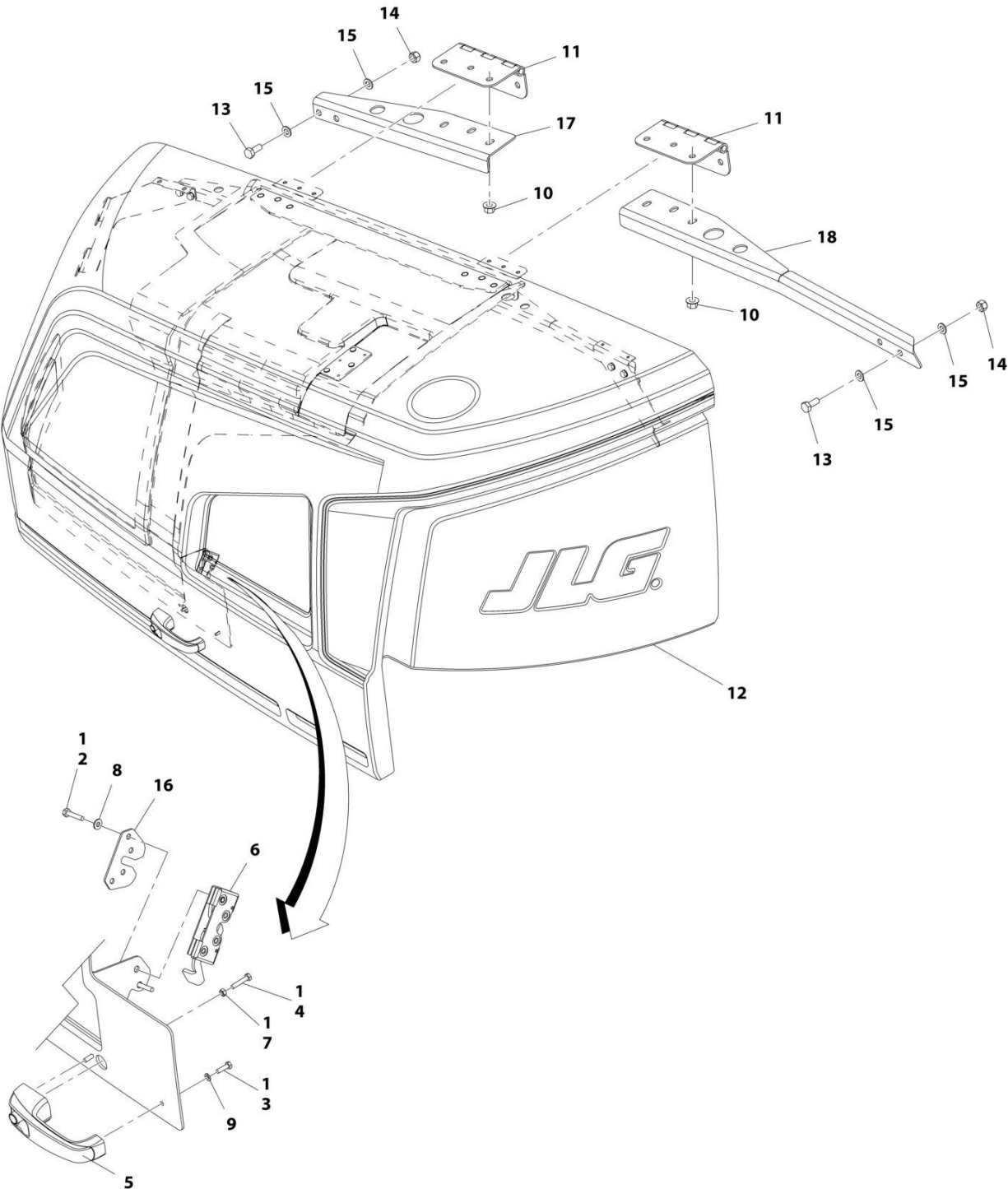
SECTION 2 - TURNTABLE

FIGURE 2-47. ABS HOOD ASSEMBLY - ENGINE SIDE (CE & UK CA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241291	Ref	HOOD ASSEMBLY - ENGINE SIDE	C
1	0100011	AR	Compound, Locking	
2	0641410	4	Bolt 1/4 x 1-1/4	
3	0760610	2	Bolt M6 x 20	
4	0760614	1	Bolt M6 x 30	
5	2560187	1	Handle, Push Button	
6	2940173	1	Latch, Rotary	
7	3290601	1	Nut M6	
8	3291005	16	Nut M10	
9	4711400	4	Washer 1/4	
10	4811700	2	Washer M6	
11	4812000	17	Washer M10	
12	1001139384	2	Hinge - 6 holes	
12	1001259230	2	Hinge - 3 holes and 3 slotted holes	
13	1001178228	1	Bracket, Engine	
14	1001202830	1	Hood Support	
15	See Note	NSS	Hood (Note: Use p/n 1001241291)	
16	0761012	4	Bolt M10 x 25	
17	1001253892	1	Support	
18	1001253896	1	Support	
19	1001253903	1	Plate	

SECTION 2 - TURNTABLE

FIGURE 2-48. ABS HOOD ASSEMBLY - TANK SIDE



ART_1001170552

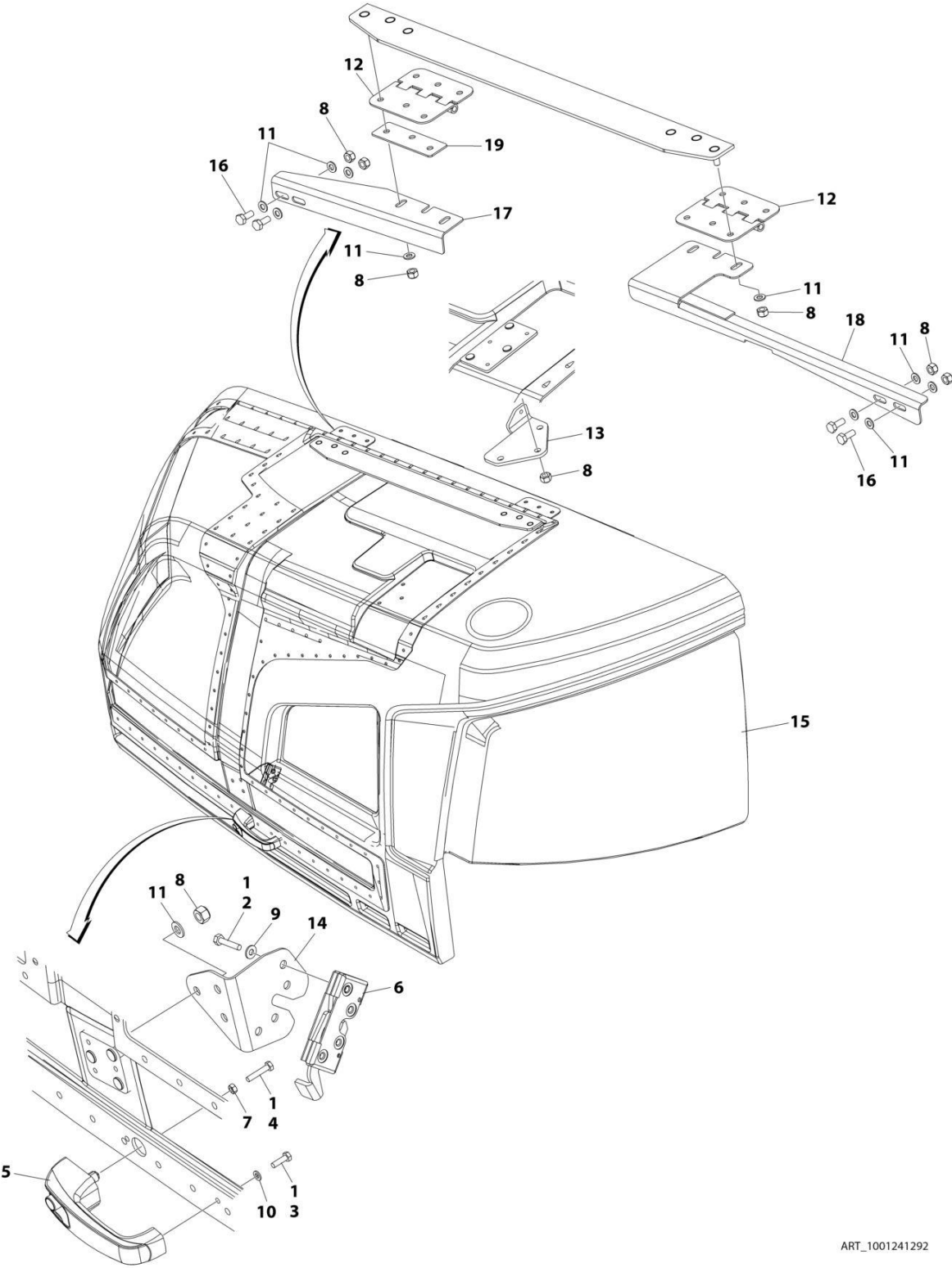
SECTION 2 - TURNTABLE

FIGURE 2-48. ABS HOOD ASSEMBLY - TANK SIDE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170552	Ref	HOOD ASSEMBLY - TANK SIDE	F
1	0100011	AR	Compound, Locking	
2	0641410	4	Bolt 1/4 x 1-1/4	
3	0760610	2	Bolt M6 x 20	
4	0760614	1	Bolt M6 x 30	
5	2560187	1	Handle, Push Button	
6	2940173	1	Latch, Rotary	
7	3290601	1	Nut M6	
8	4711400	4	Washer 1/4	
9	4811700	2	Washer M6	
10	5261018	6	Nut M10 Grade 10.9	
11	1001139384	2	Hinge	
12	See Note	NSS	Hood (Note: Use PN 1001170552)	
13	0761012	4	Bolt M10 x 25	
14	3291005	4	Nut M10	
15	4812000	8	Washer M10	
16	1001200458	AR	Plate	
17	1001201633	1	Hood Support	
18	1001201634	1	Hood Support	

SECTION 2 - TURNTABLE

FIGURE 2-49. ABS HOOD ASSEMBLY - TANK SIDE (CE & UK CA SPEC)



ART_1001241292

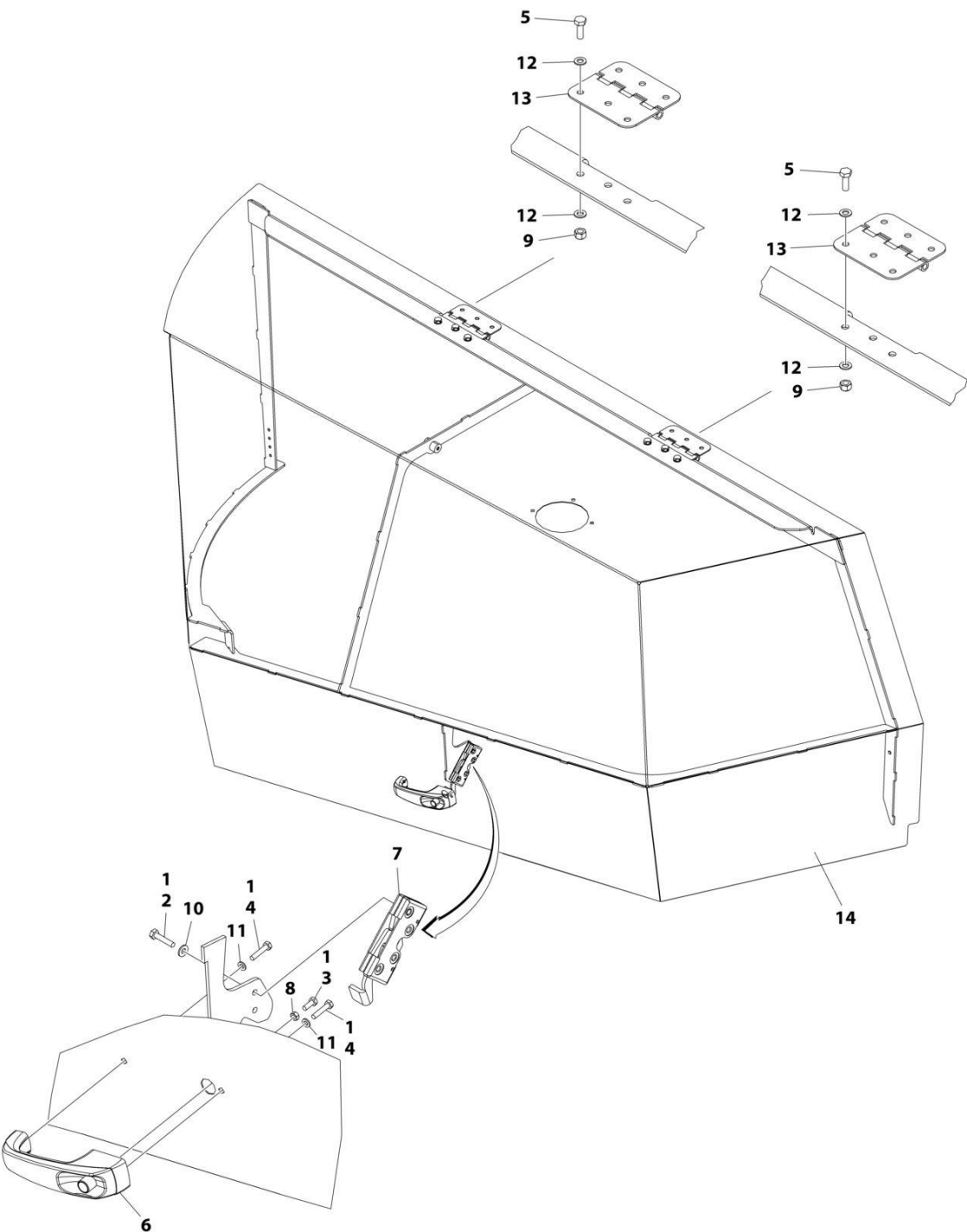
SECTION 2 - TURNTABLE

FIGURE 2-49. ABS HOOD ASSEMBLY - TANK SIDE (CE & UK CA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241292	Ref	HOOD ASSEMBLY - TANK SIDE	C
1	0100011	AR	Compound, Locking	
2	0641410	4	Bolt 1/4 x 1-1/4	
3	0760610	2	Bolt M6 x 20	
4	0760614	1	Bolt M6 x 30	
5	2560187	1	Handle, Push Button	
6	2940173	1	Latch, Rotary	
7	3290601	1	Nut M6	
8	3291005	16	Nut M10	
9	4711400	4	Washer 1/4	
10	4811700	2	Washer M6	
11	4812000	17	Washer M10	
12	1001139384	2	Hinge - 6 holes	
12	1001259230	2	Hinge - 3 holes and 3 slotted holes	
13	1001170475	1	Bracket, Engine	
14	1001202831	1	Hood Support	
15	See Note	NSS	Hood (Note: Use PN 1001241292)	
16	0761012	4	Bolt M10 x 25	
17	1001253893	1	Support	
18	1001253897	1	Support	
19	1001253903	1	Plate	

SECTION 2 - TURNTABLE

FIGURE 2-50. STEEL HOOD ASSEMBLY - ENGINE SIDE



ART_1001206404

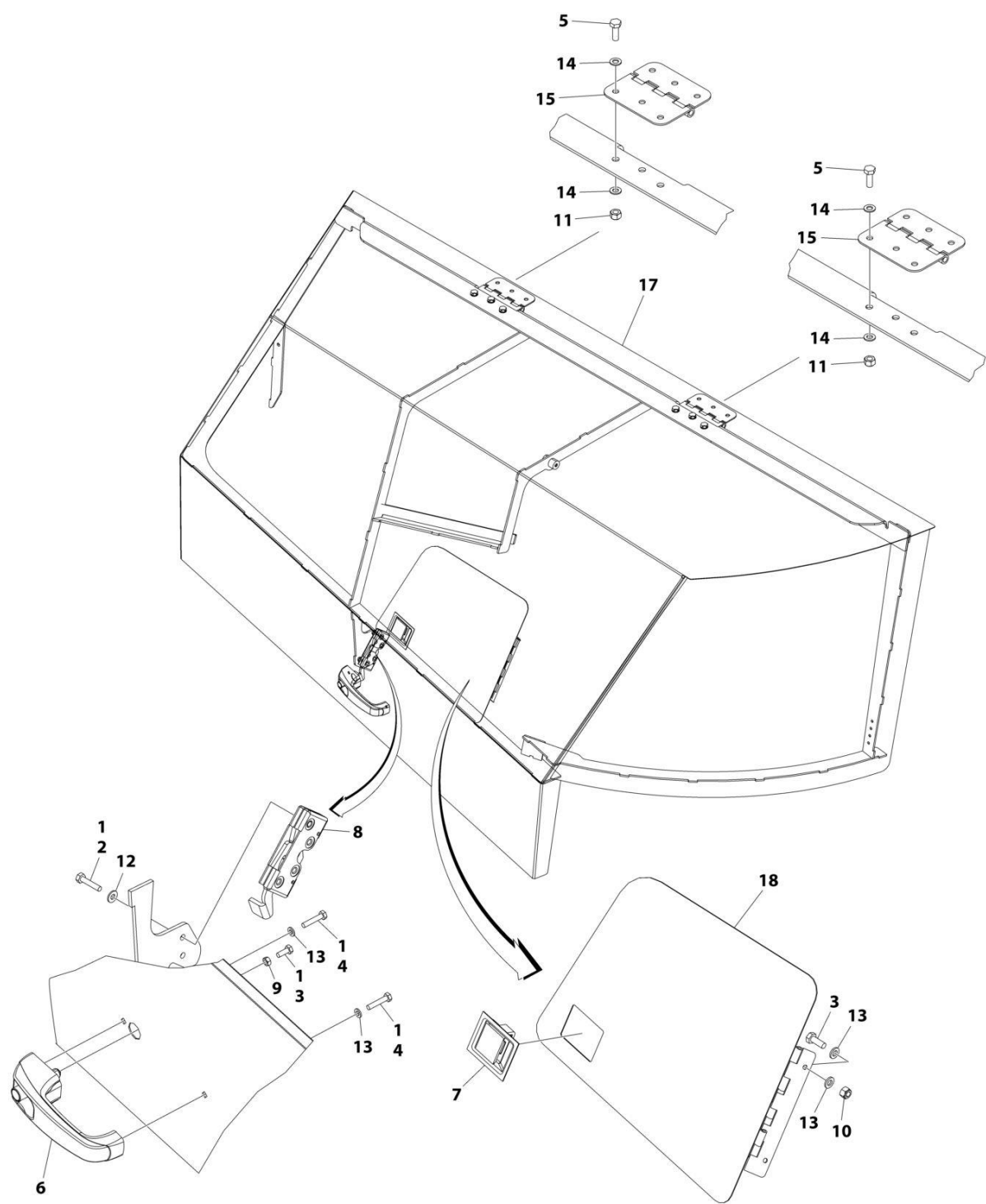
SECTION 2 - TURNTABLE

FIGURE 2-50. STEEL HOOD ASSEMBLY - ENGINE SIDE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206404	Ref	STEEL HOOD ASSEMBLY - ENGINE SIDE	E
1	0100011	AR	Compound, Locking	
2	0641410	4	Bolt 1/4 x 1-1/4	
3	0760608	1	Bolt M6 x 16	
4	0760614	2	Bolt M6 x 30	
5	0761014	6	Bolt M10 x 30	
6	2560187	1	Handle, Push Button	
7	2940173	1	Latch, Rotary	
8	3290601	1	Nut M6	
9	3291005	6	Nut M10	
10	4711400	4	Washer 1/4	
11	4811700	2	Washer M6	
12	4812000	12	Washer M10	
13	1001139384	2	Hinge	
14	1001206405	1	Hood, Engine Side	

SECTION 2 - TURNTABLE

FIGURE 2-51. STEEL HOOD ASSEMBLY - TANK SIDE



ART_1001206418

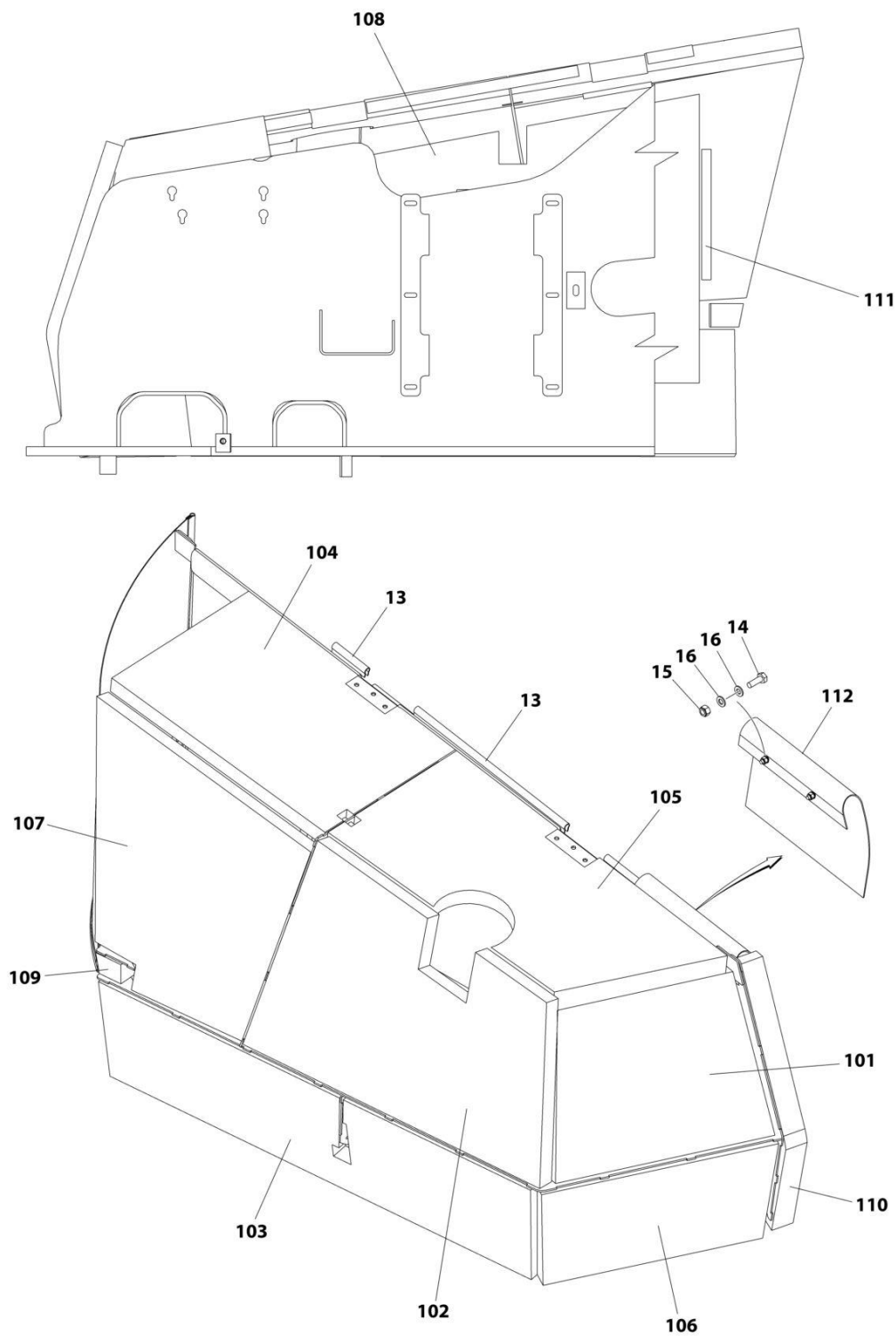
SECTION 2 - TURNTABLE

FIGURE 2-51. STEEL HOOD ASSEMBLY - TANK SIDE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206418	Ref	STEEL HOOD ASSEMBLY - TANK SIDE	F
1	0100011	AR	Compound, Locking	
2	0641410	4	Bolt 1/4 x 1-1/4	
3	0760608	3	Bolt M6 x 16	
4	0760614	2	Bolt M6 x 30	
5	0761014	6	Bolt M10 x 30	
6	2560187	1	Handle, Push Button	
7	2940045	1	Latch, Paddle	
8	2940173	1	Latch, Rotary	
9	3290601	1	Nut M6	
10	3290605	2	Nut M6	
11	3291005	6	Nut M10	
12	4711400	4	Washer 1/4	
13	4811700	6	Washer M6	
14	4812000	12	Washer M10	
15	1001139384	2	Hinge	
17	See Note	NSS	Hood - Tank Side (Note: Use PN 1001206418)	
18	1001207726	1	Door, Ground Control Panel	

SECTION 2 - TURNTABLE

FIGURE 2-52. SOUND REDUCTION INSTALLATION - KUBOTA ENGINE MACHINES WITH STEEL HOODS



ART_1001233048

SECTION 2 - TURNTABLE

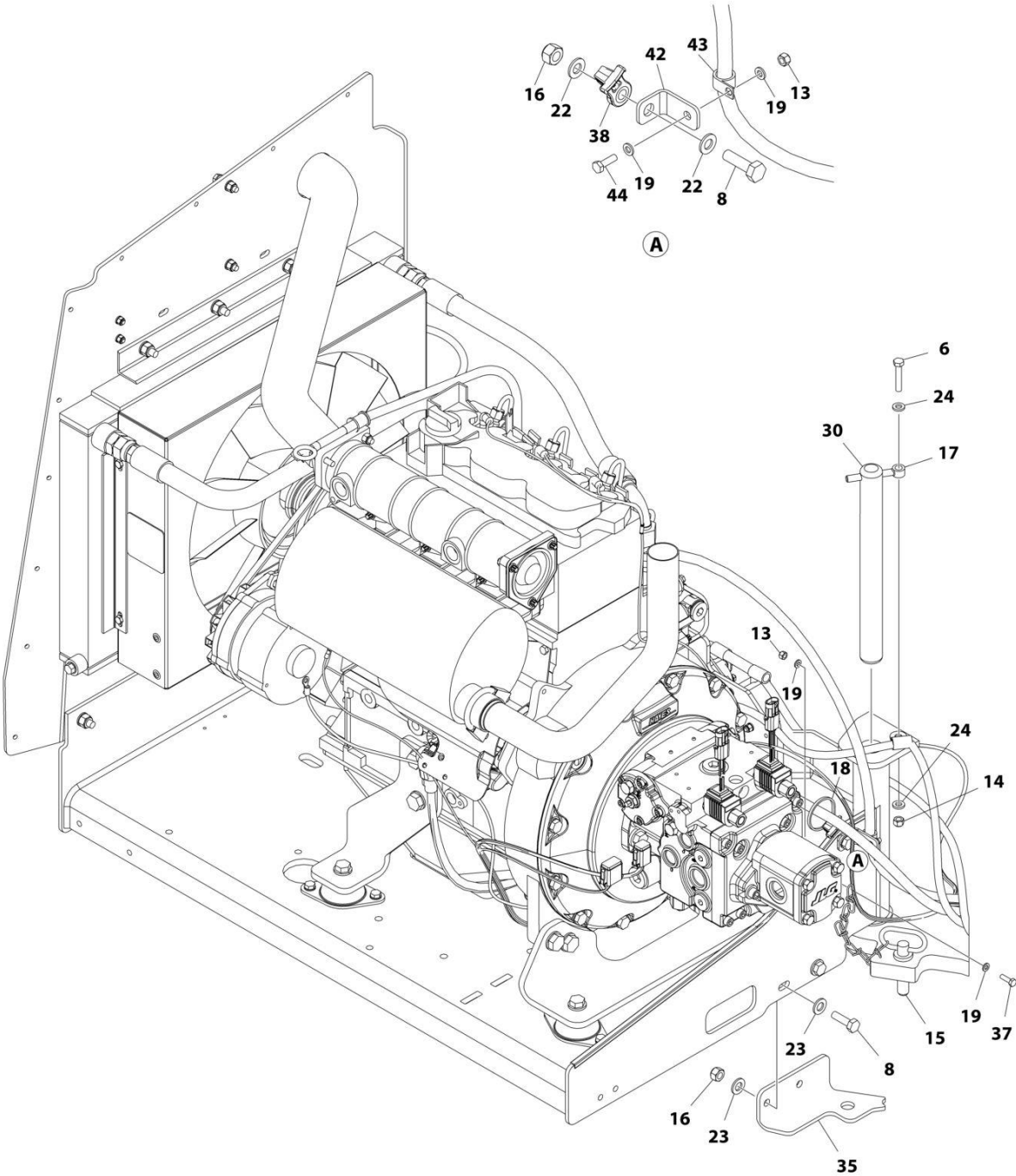
FIGURE 2-52. SOUND REDUCTION INSTALLATION - KUBOTA ENGINE MACHINES WITH STEEL HOODS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233048	Ref	SOUND REDUCTION INSTALLATION	C
13	3960389	11 ft/ 3.4m	Flex-Trim	
14	0761014	2	Bolt M10 x 30	
15	3291005	2	Nut M10	
16	4812000	4	Washer M10	
100	1001237549	Ref	Sound Insulation Kit (Includes Item 101-112)	
101	1001232907	1	Shield, Sound	
102	1001232908	1	Shield, Sound	
103	1001232913	1	Shield, Sound	
104	1001232915	1	Shield, Sound	
105	1001232916	1	Shield, Sound	
106	1001232917	1	Shield, Sound	
107	1001233075	1	Shield, Sound	
108	1001233076	1	Shield, Sound	
109	1001233077	1	Shield, Sound	
110	1001233412	1	Shield, Sound	
111	1001233413	2	Shield, Sound	
112	1001233436	1	Baffle Rubber	

SECTION 3 - ENGINE

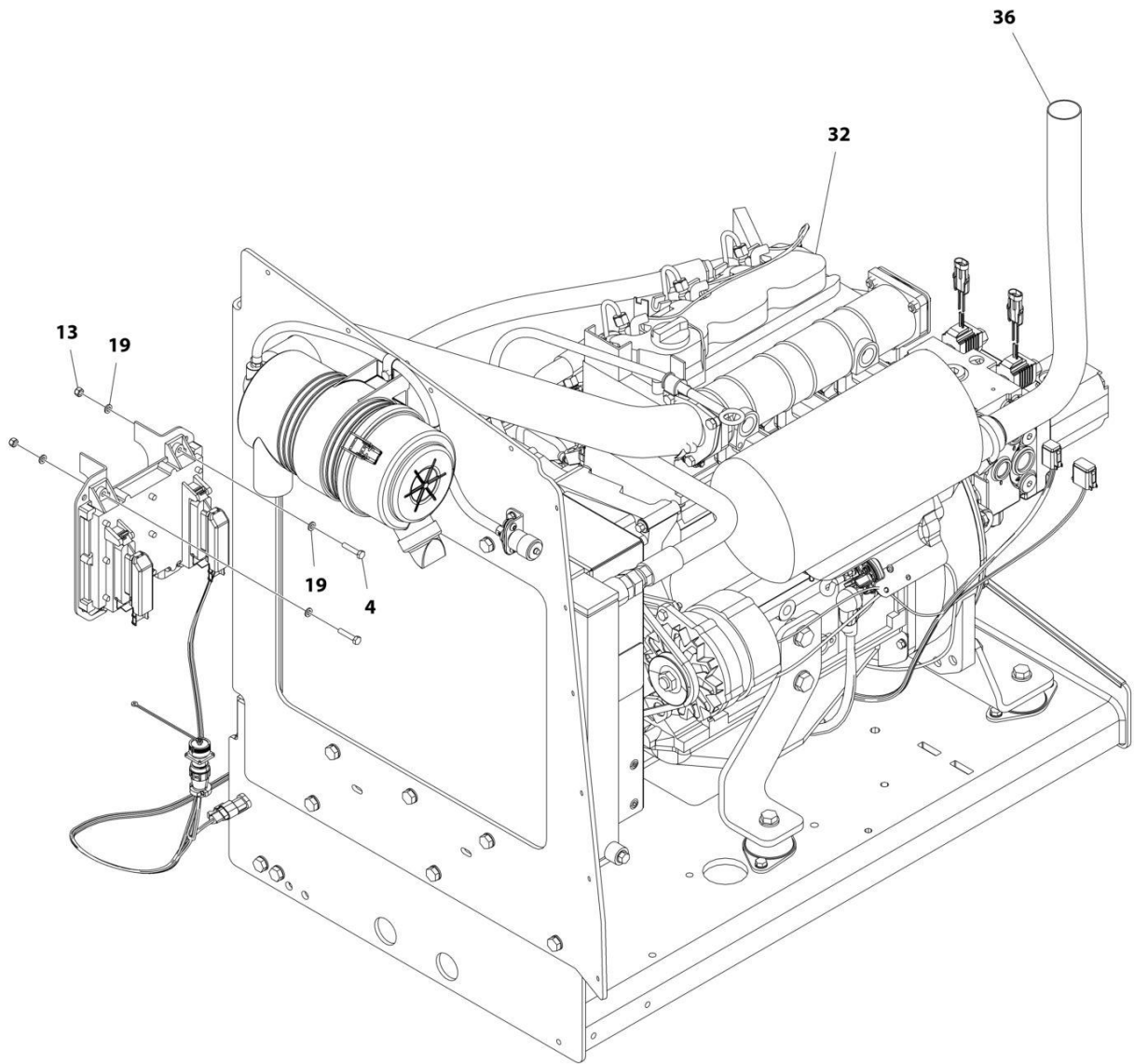
SECTION 3 - ENGINE

FIGURE 3-1. ENGINE INSTALLATION - DEUTZ D2011 ENGINE (WITHOUT ARCTIC PACKAGE) (ANSI EXPORT(LRC), AUSTRALIAN, CE(LRC), CHINA & UK CA SPECS)



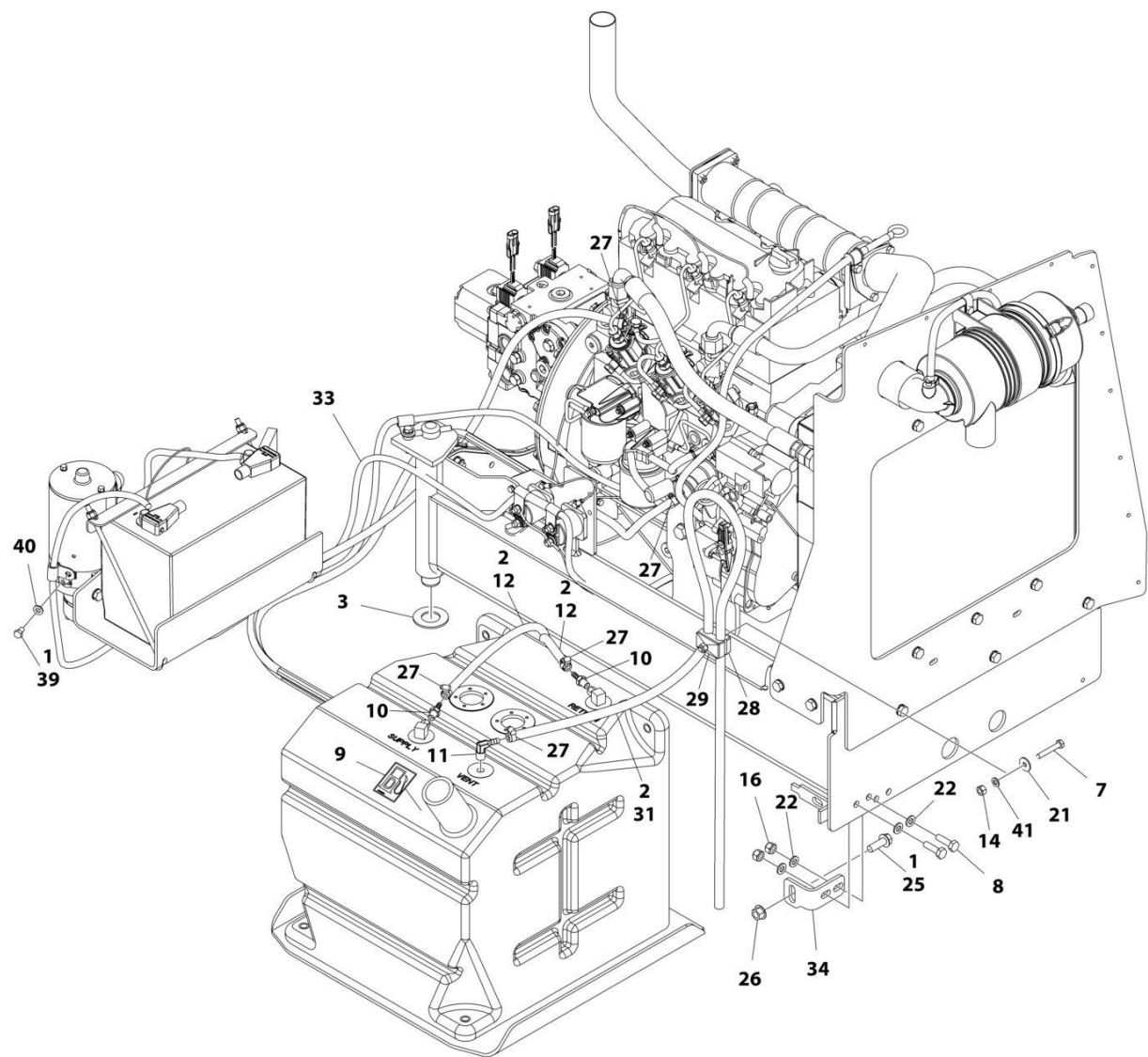
ART_1001166022_10F3

SECTION 3 - ENGINE



ART_1001166022_20F3

SECTION 3 - ENGINE



ART_1001166022_30F3

SECTION 3 - ENGINE

FIGURE 3-1. ENGINE INSTALLATION - DEUTZ D2011 ENGINE (WITHOUT ARCTIC PACKAGE) (ANSI EXPORT(LRC), AUSTRALIAN, CE(LRC), CHINA & UK CA SPECS)

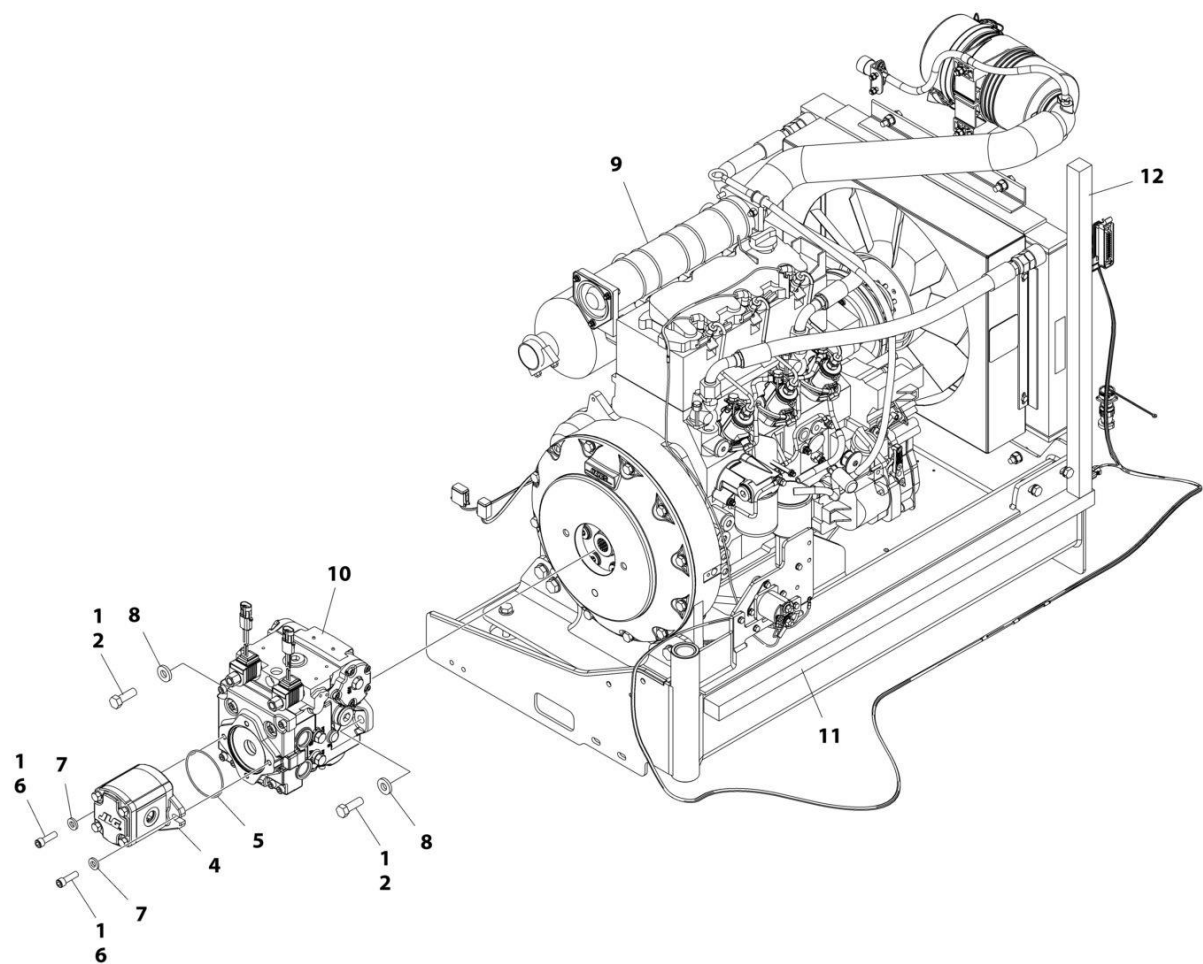
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166022	Ref	ENGINE INSTALLATION - DEUTZ D2011 ENGINE (WITHOUT ARCTIC PACKAGE)	I
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
3	0440162	1	Bearing	
4	0700614	4	Bolt M6 x 30	
6	0700817	1	Bolt M8 x 45	
7	0700821	1	Bolt M8 x 65	
8	0761015	5	Bolt M10 x 35	
9	1701505	1	Decal - Diesel Fuel	
10	2180348	2	Fitting, Barbed	
11	2220313	1	Fitting, Barbed 90	
12	2720058	17 ft / 5.18m	Hose	
13	3290605	5	Nut M6	
14	3290805	2	Nut M8	
15	3422532	1	Pin	
16	3291005	5	Nut M10	
17	3841143	1	Pin	
18	4240099	AR	Tie-Strap	
19	4811700	12	Washer M6	
21	4811902	1	Washer M8	
22	4812000	6	Washer M10	
23	4812100	4	Washer M12	
24	5240800	2	Washer M8 Hardened	
25	5251215	1	Bolt M12 x 35	
26	5261200	1	Nut, Flange M12 Class10	
27	8405009	5	Clamp	
28	1320187	1	Clamp	
29	1320190	1	Clamp	
30	1001135196	1	Pin	
31	2750532	6 ft/ 1.83m	Hose	
32	1001166021	1	Engine and Pump Sub-Assembly - Deutz D2011 (Without Arctic Package) (See Separate Breakdown in this Section)	
33	1001167038	1	Battery Cable Kit	G
33	70009004	1	Cable, Battery (Black) (Battery Negative, Auxiliary Power Pump, Turntable Ground to Engine Ground)	
33	70009005	1	Cable, Battery (Red) (Battery Positive, Auxiliary Power Relay, Starter Relay to Starter)	
33	70009002	1	Cable, Battery (Red) (Auxiliary Power Relay to Auxiliary Power Pump)	
34	1001167512	1	Bracket, Engine	
35	1001169823	1	Plate, Engine Lock	
36	1001172195	1	Pipe, Exhaust	
37	0760610	1	Bolt M6 x 20	
38	1001156107	1	Holder, Cable	
39	0641504	1	Bolt 5/16 x 1/2	
40	4711500	1	Washer 5/16	
41	4811900	AR	Washer M8	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
42	1001148641	1	Bracket, Clamp Mounting	
43	1320224	1	Clamp, Cable	
44	0700610	1	Bolt M6 x 20	

SECTION 3 - ENGINE

FIGURE 3-2. ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2011 (WITHOUT ARCTIC PACKAGE)
(AUSTRALIAN AND CHINA SPECS)



ART_1001166021_G

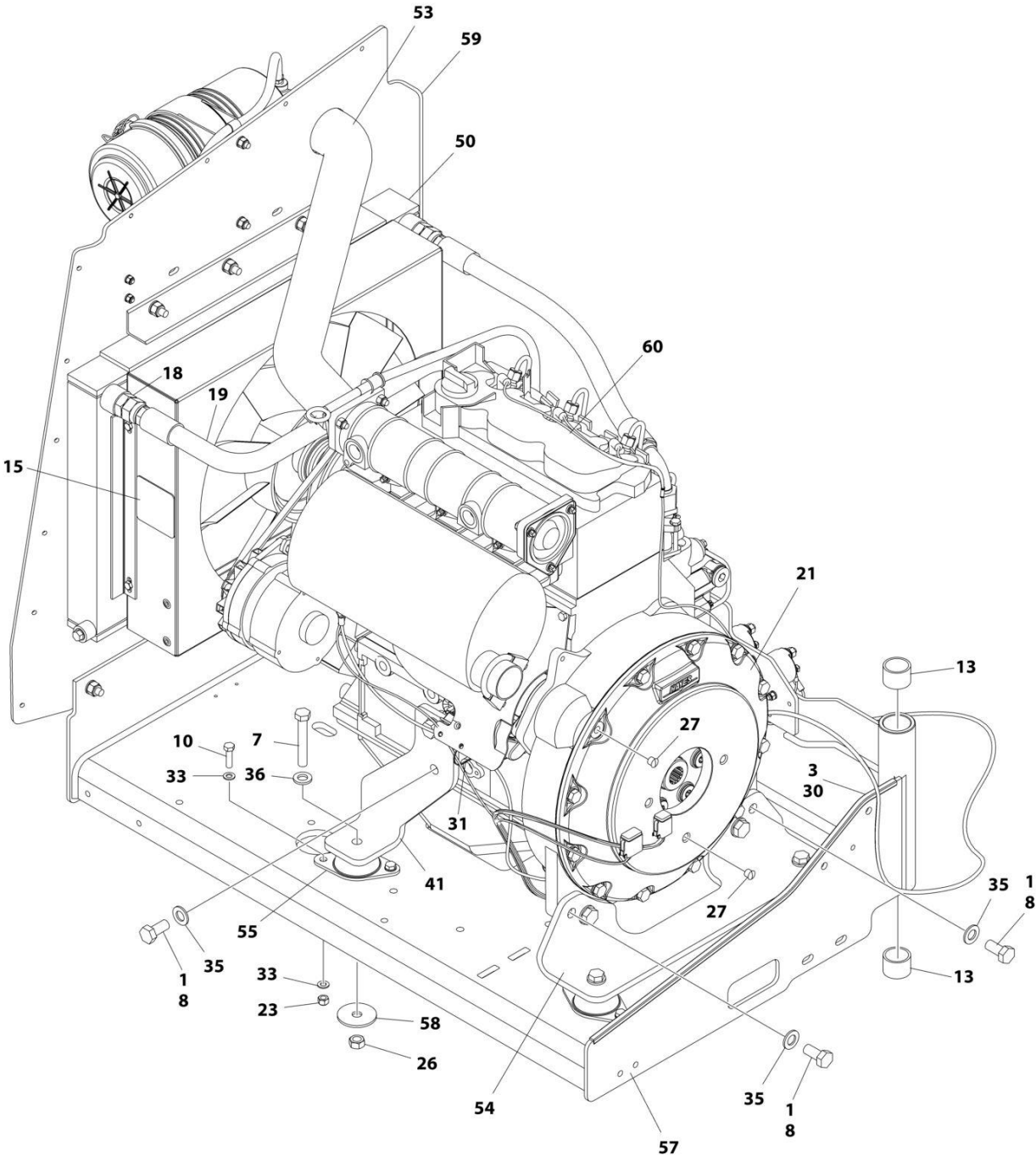
SECTION 3 - ENGINE

**FIGURE 3-2. ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2011 (WITHOUT ARCTIC PACKAGE)
(AUSTRALIAN AND CHINA SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166021	Ref	ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2011 (WITHOUT ARCTIC PACKAGE)	G
1	0100011	AR	Compound, Locking	
2	0641812	2	Bolt 1/2 x 1-1/2	
4	1001214207	1	Gear Pump Assembly	
4	70006356	1	Seal Kit	
5	3790152	1	O-Ring	
6	3931618	2	Capscrew 3/8 x 1-1/8	
7	4891600	2	Washer 3/8 Hardened	
8	4891800	2	Washer 1/2 Hardened	
9	1001166020	1	Engine Assembly - Deutz D2011 Engine (Without Arctic Package) (See Separate Breakdown in this Section)	
10	1001167036	1	Piston Pump Assembly (See Separate Breakdown in this Section)	
11	1001171953	1	Seal	
12	1001171954	1	Seal	

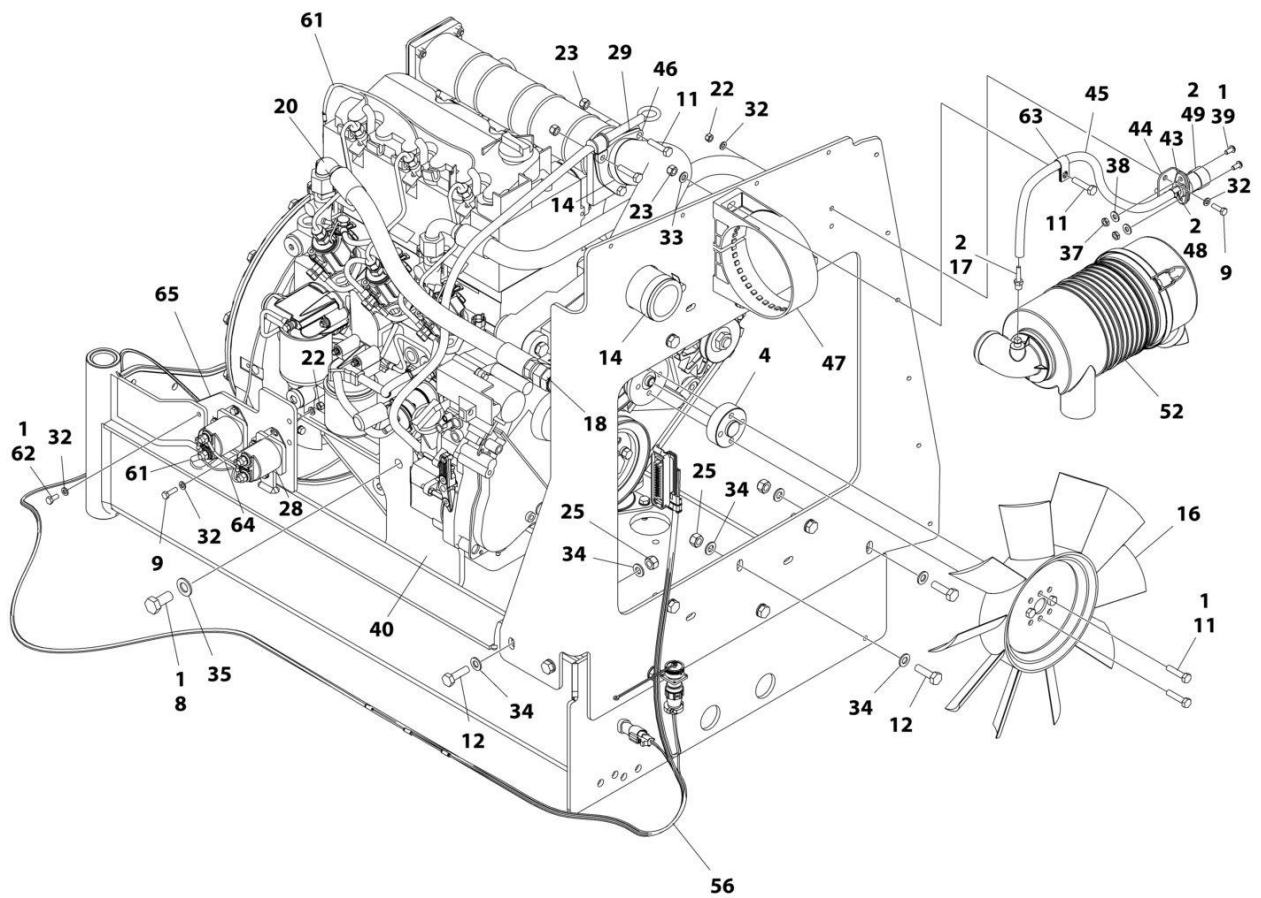
SECTION 3 - ENGINE

FIGURE 3-3. ENGINE ASSEMBLY - DEUTZ D2011 ENGINE (WITHOUT ARCTIC PACKAGE)
(AUSTRALIAN AND CHINA SPECS)



ART_1001166020_1OF2

SECTION 3 - ENGINE



ART_1001166020_20F2

SECTION 3 - ENGINE

**FIGURE 3-3. ENGINE ASSEMBLY - DEUTZ D2011 ENGINE (WITHOUT ARCTIC PACKAGE)
(AUSTRALIAN AND CHINA SPECS)**

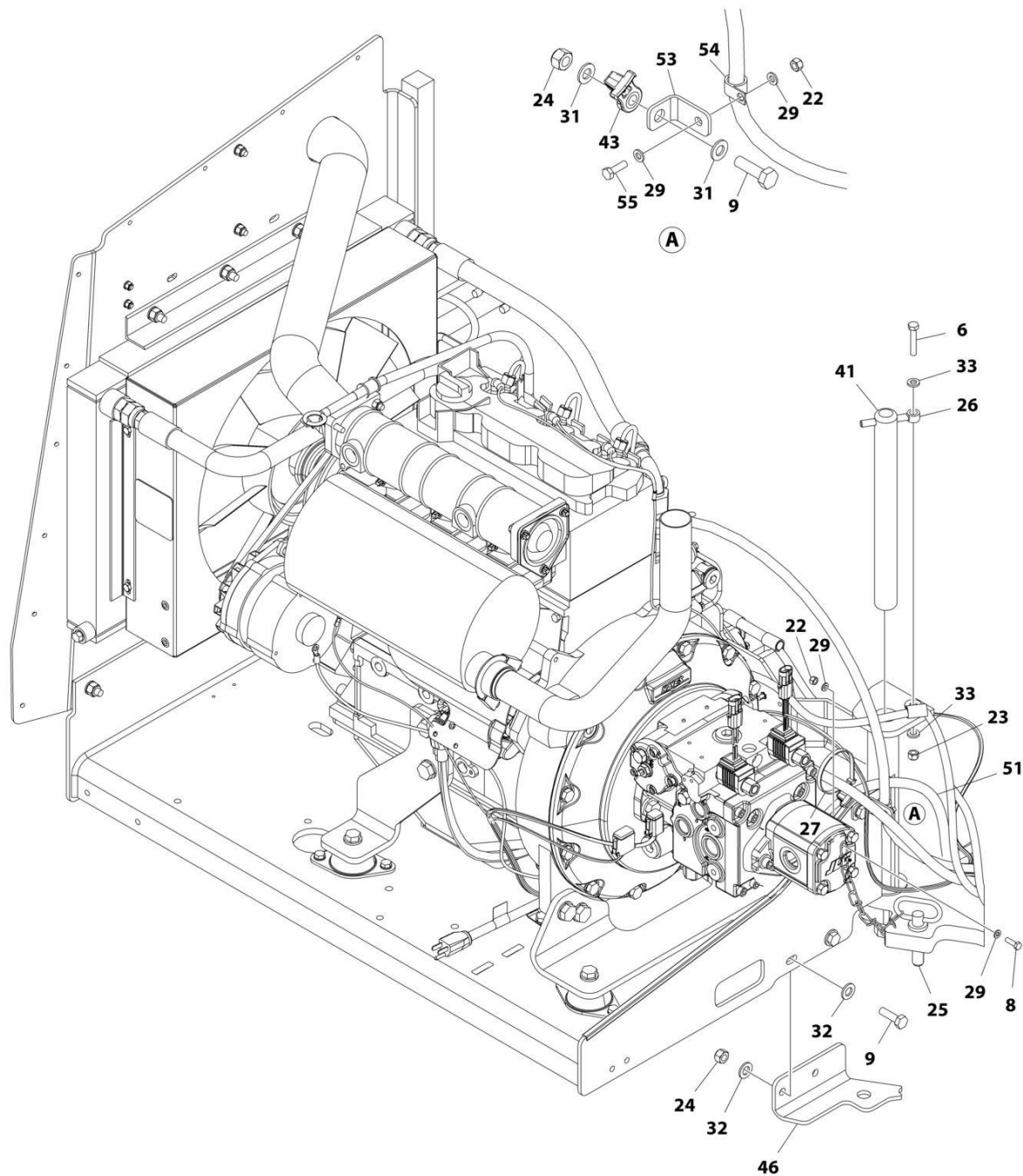
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166020	Ref	ENGINE ASSEMBLY - DEUTZ D2011 ENGINE (WITHOUT ARCTIC PACKAGE)	O
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
3	0100081	AR	Adhesive	
4	0080231	1	Spacer, Fan	
7	0711224	4	Bolt M12 x 80 Grade 10.9	
8	0771414	8	Bolt M14 x 30 Grade 10.9	
9	0760610	6	Bolt M6 x 20	
10	0760814	8	Bolt M8 x 30	
11	0760815	9	Bolt M8 x 35	
12	0761015	11	Bolt M10 x 35	
13	0961951	2	Bushing	
14	1320016	2	Clamp	
15	1703162	2	Decal - Caution Fan	
16	2060025	1	Fan	
17	2220315	1	Fitting, Barbed	
18	2220451	2	Fitting, Straight JIC/ORB	
19	2720398	1	Hose	
20	2720447	1	Hose	
21	2902065	1	Pump Coupling Kit (See Separate Breakdown in this Section)	
22	3290605	6	Nut M6 x 1	
23	3290805	13	Nut M8 x 1-1/4	
25	3291005	11	Nut M10 x 1-1/2	
26	3331215	4	Nut M12 x 1-3/4	
27	3520054	2	Plug	
28	3740067	2	Relay Assembly	
28	3300220	2	Nut	
28	3321001	1	Nut #10	
28	3740140	1	Relay	
28	4761000	1	Washer #10	
28	1001111424	2	Washer	
29	3960407	1	Gasket	
30	4060805	2.25 ft/ 0.69m	Trim-Flex	
31	4240099	AR	Tie-Strap	
32	4811700	15	Washer M6	
33	4811900	20	Washer M8	
34	4812000	22	Washer M10	
35	4812200	8	Washer M14	
36	5241200	4	Washer M12	
37	8305401	2	Nut, Jam	
38	8307109	2	Washer, .250	
39	8310548	2	Screw 1/4 x 1/2	
40	1001132195	1	Bracket, Engine Mount	
41	1001132196	1	Bracket, Engine Mount	
43	1001138173	1	Support, Service Indicator	
44	1001138175	1	Bracket, Service Indicator	

SECTION 3 - ENGINE

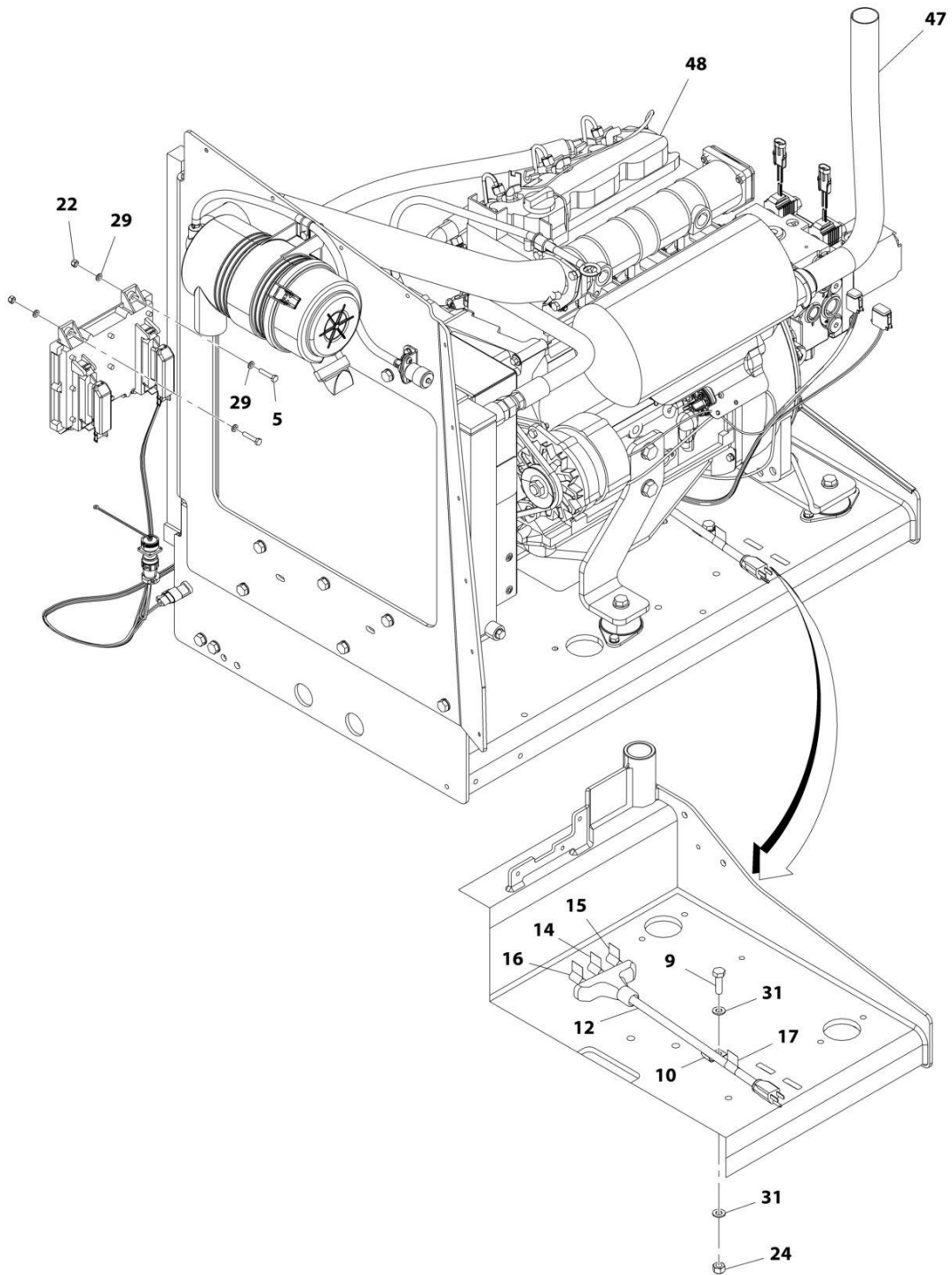
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
45	1001138248	2 ft/ 0.61m	Tube	
46	1001139819	1	Adapter, Air Intake	
47	1001141694	1	Clamp, Air Cleaner	
48	1001141995	1	Fitting, Barbed	
49	1001143390	1	Indicator	
50	1001150998	1	Radiator	
52	1001165388	1	Air Cleaner Assembly	
52	70003783	1	Element, Air Cleaner	
53	1001165389	1	Hose	
54	1001166717	1	Bracket, Engine Mount	
55	1001166718	4	Isolator, Engine Mount	
56	1001167111	1	Harness Engine - Deutz D2011 (See Separate Breakdown in ELECTRICAL SECTION)	
57	1001167520	1	Tray, Engine	
58	1001168018	4	Washer, Snubbing	
59	1001168059	1	Plate, Radiator Mounting	
60	1001170693	1	Engine, Deutz D2011 (See Separate Breakdown in this Section)	
61	4923451	1	Harness, Glow Plugs	
62	0760614	3	Bolt M6 x 30	
63	8406109	1	Clip	
64	1001178859	1	Cable, Alternator	
65	1001214975	1	Bracket	

SECTION 3 - ENGINE

FIGURE 3-4. ENGINE INSTALLATION - DEUTZ D2011 ENGINE (WITH ARCTIC PACKAGE) (ANSI EXPORT(LRC), AUSTRALIAN, CE(LRC), CHINA & UK CA SPECS)

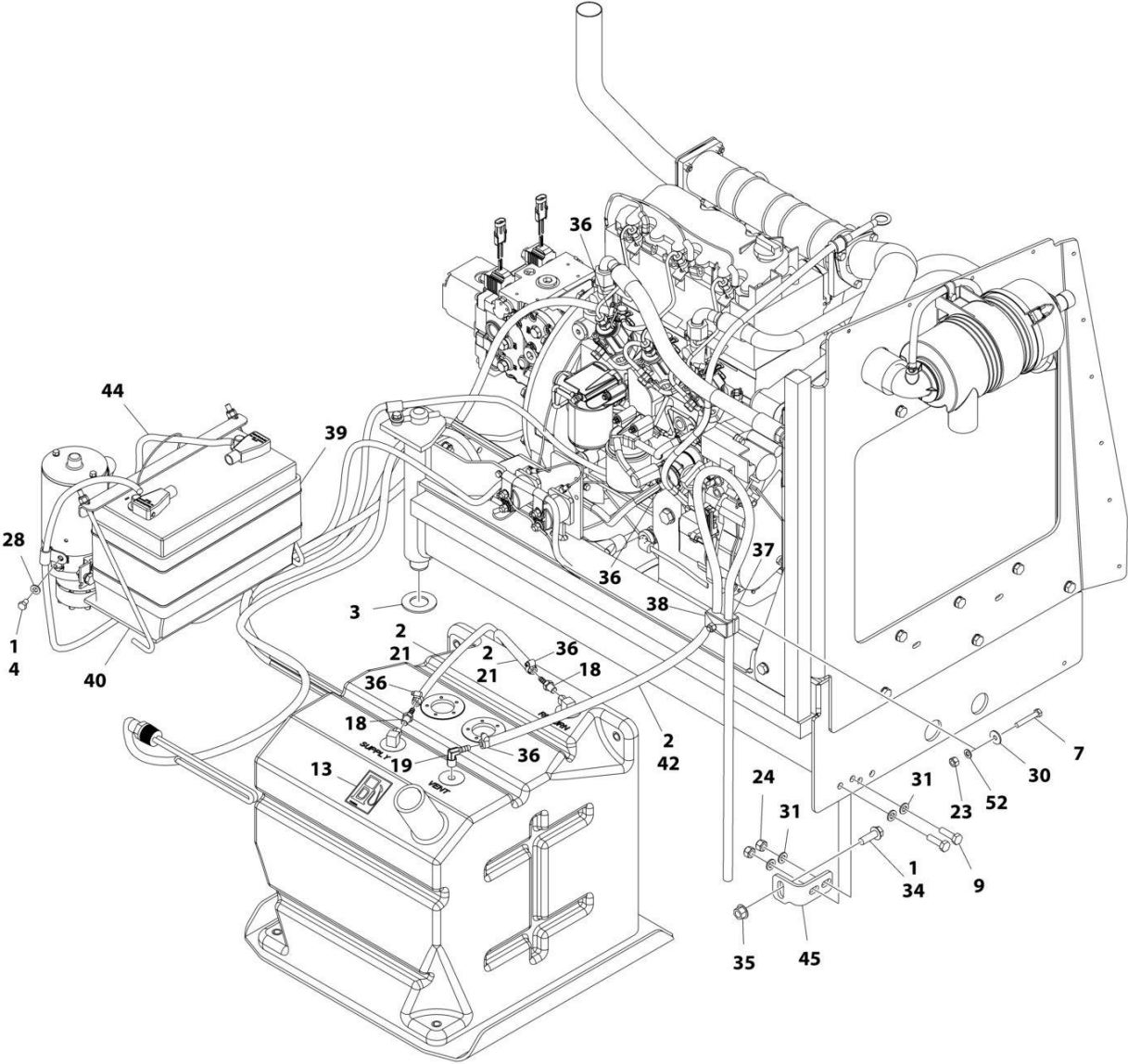


ART_1001166023_1OF3



ART_1001166023_2OF3

SECTION 3 - ENGINE



ART_1001166023_3OF3

SECTION 3 - ENGINE

FIGURE 3-4. ENGINE INSTALLATION - DEUTZ D2011 ENGINE (WITH ARCTIC PACKAGE) (ANSI EXPORT(LRC), AUSTRALIAN, CE(LRC), CHINA & UK CA SPECS)

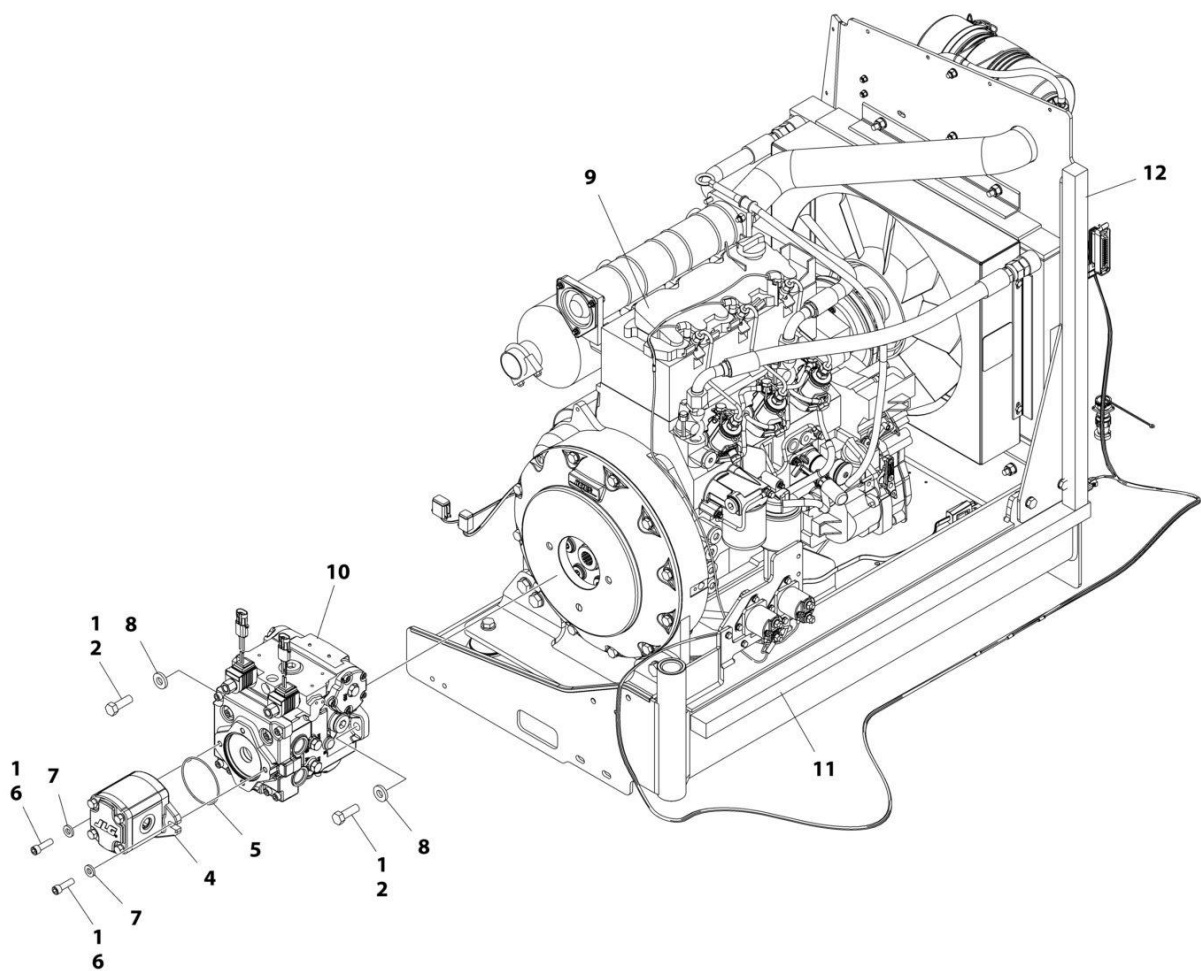
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166023	Ref	ENGINE INSTALLATION - DEUTZ D2011 ENGINE (WITH ARCTIC PACKAGE)	G
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
3	0440162	1	Bearing	
4	0641504	1	Bolt 5/16 x 1/2	
5	0700614	4	Bolt M6 x 30	
6	0700817	1	Bolt M8 x 45	
7	0700821	1	Bolt M8 x 65	
8	0760610	1	Bolt M6 x 20	
9	0761015	6	Bolt M10 x 35	
10	1320223	1	Clip	
12	1060626	1	Plug, 3 Way	
13	1701505	1	Decal - Diesel Fuel	
14	1702941	1	Decal - Battery Heater	
15	1702942	1	Decal - Engine Block Heater	
16	1702943	1	Decal - Hydraulic Tank Heater	
17	1702944	1	Decal - Heater Cord	
18	2180348	2	Fitting, Barbed	
19	2220313	1	Fitting, Barbed 90	
20	1001188972	1	Heater, Hydraulic Tank	
21	2720058	17 ft / 5.18m	Hose	
22	3290605	6	Nut, Lock M6 x 1	
23	3290805	2	Nut, Lock M8	
24	3291005	6	Nut M10	
25	3422532	1	Pin	
26	3841143	1	Keeper, Pin	
27	4240099	AR	Tie-Strap	
28	4711500	1	Washer, 5/16	
29	4811700	12	Washer, M6	
30	4811902	1	Washer, M8	
31	4812000	8	Washer, M10	
32	4812100	4	Washer, M12	
33	5240800	2	Washer, M8 Hardened	
34	5251215	1	Bolt M12 x 35	
35	5261200	1	Nut, Flange M12 Class10	
36	8405009	5	Clamp	
37	1320187	1	Clamp	
38	1320190	1	Clamp	
39	2580024	1	Heater, Battery	
40	1001119278	1	Insulate	
41	1001135196	1	Pin	
42	2750532	6 ft/ 1.83m	Hose	
43	1001156107	1	Holder, Cable	G
44	1001167038	1	Battery Cable Kit	
44	70009004	1	Cable, Battery (Black) (Battery Negative, Auxiliary Power Pump, Turntable Ground to Engine Ground)	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
44	70009005	1	Cable, Battery (Red) (Battery Positive, Auxiliary Power Relay, Starter Relay to Starter)	
44	70009002	1	Cable, Battery (Red) (Auxiliary Power Relay to Auxiliary Power Pump)	
45	1001167512	1	Bracket, Engine	
46	1001169823	1	Plate, Engine Lock	
47	1001172195	1	Pipe, Exhaust	
48	1001174784	1	Engine and Pump Sub-Assembly - Deutz D2011 (With Arctic Package) (See Separate Breakdown in this Section)	
51	1001150918	1	Cable, Extension Cord	
52	4811900	1	Washer M8	
53	1001148641	1	Bracket, Clamp Mounting	
54	1320224	1	Clamp, Cable	
55	0700610	1	Bolt M6 x 20	

SECTION 3 - ENGINE

FIGURE 3-5. ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2011 (WITH ARCTIC PACKAGE) (ANSI EXPORT AND CHINA SPECS)



ART_1001174784_G

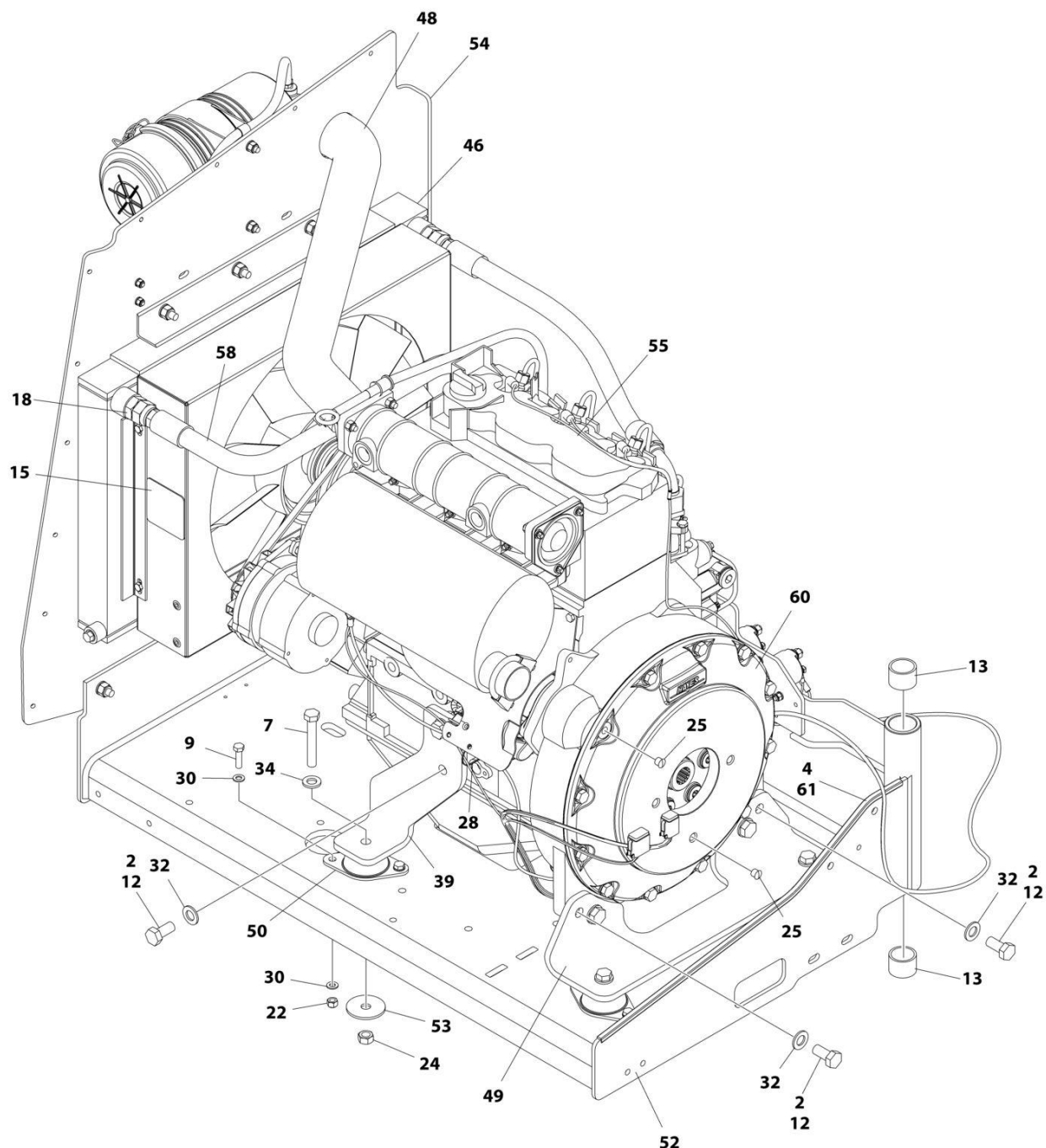
SECTION 3 - ENGINE

FIGURE 3-5. ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2011 (WITH ARCTIC PACKAGE) (ANSI EXPORT AND CHINA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174784	Ref	ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2011 (WITH ARCTIC PACKAGE)	G
1	0100011	AR	Compound, Locking	
2	0641812	2	Bolt 1/2 x 1-1/2	
4	1001214207	1	Gear Pump Assembly	
4	70006356	1	Seal Kit - 1001214207 Pump	
5	3790152	1	O-Ring	
6	3931618	2	Capscrew 3/8 x 1 1/8	
7	4891600	2	Washer 3/8 Hardened	
8	4891800	2	Washer 1/2 Hardened	
9	1001174783	1	Engine Assembly - Deutz D2011 Engine (With Arctic Package) (See Separate Breakdown in this Section)	
10	1001167036	1	Piston Pump Assembly (See Separate Breakdown in this Section)	
11	1001171953	1	Seal	
12	1001171954	1	Seal	

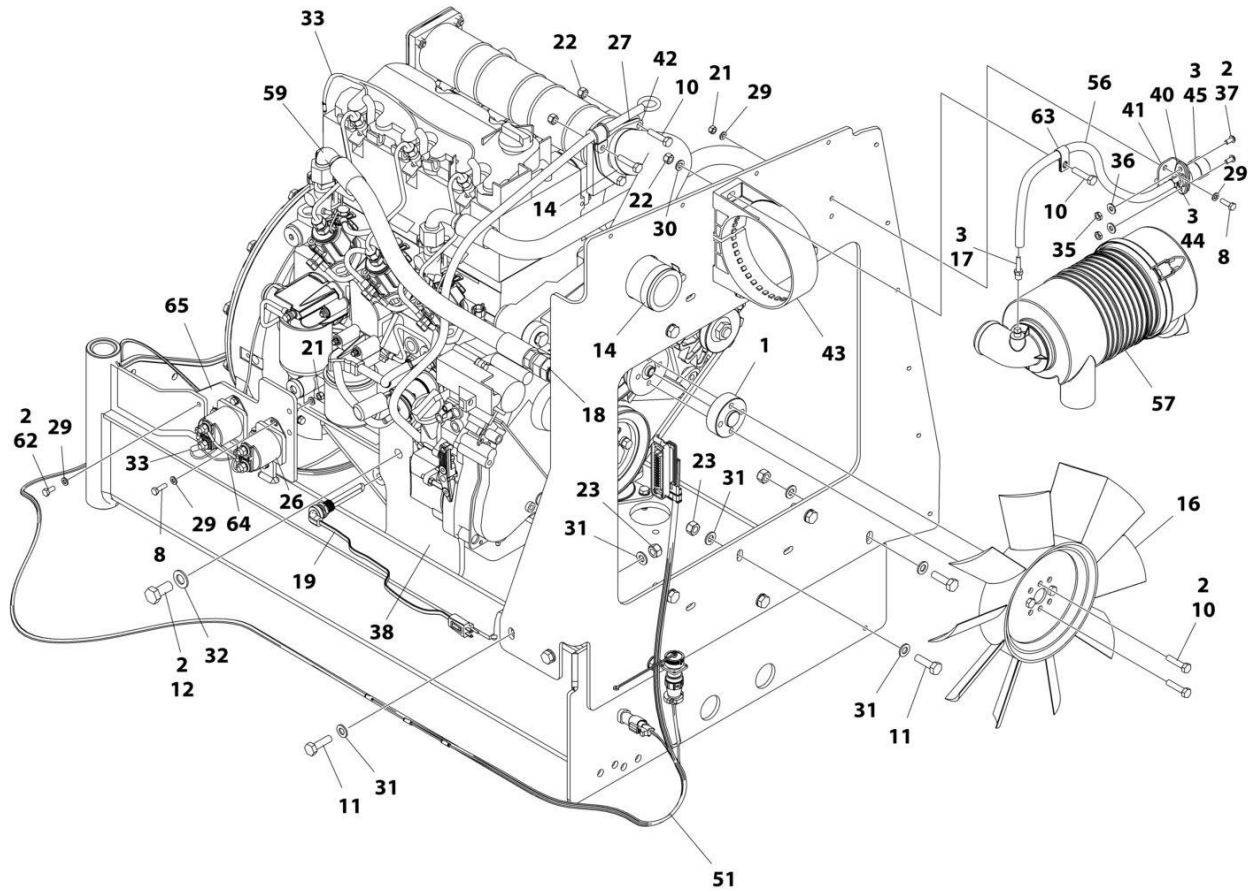
SECTION 3 - ENGINE

FIGURE 3-6. ENGINE ASSEMBLY - DEUTZ D2011 ENGINE (WITH ARCTIC PACKAGE) (ANSI EXPORT AND CHINA SPECS)



ART_1001174783_10F2

SECTION 3 - ENGINE



ART_1001174783_2OF2

SECTION 3 - ENGINE

FIGURE 3-6. ENGINE ASSEMBLY - DEUTZ D2011 ENGINE (WITH ARCTIC PACKAGE) (ANSI EXPORT AND CHINA SPECS)

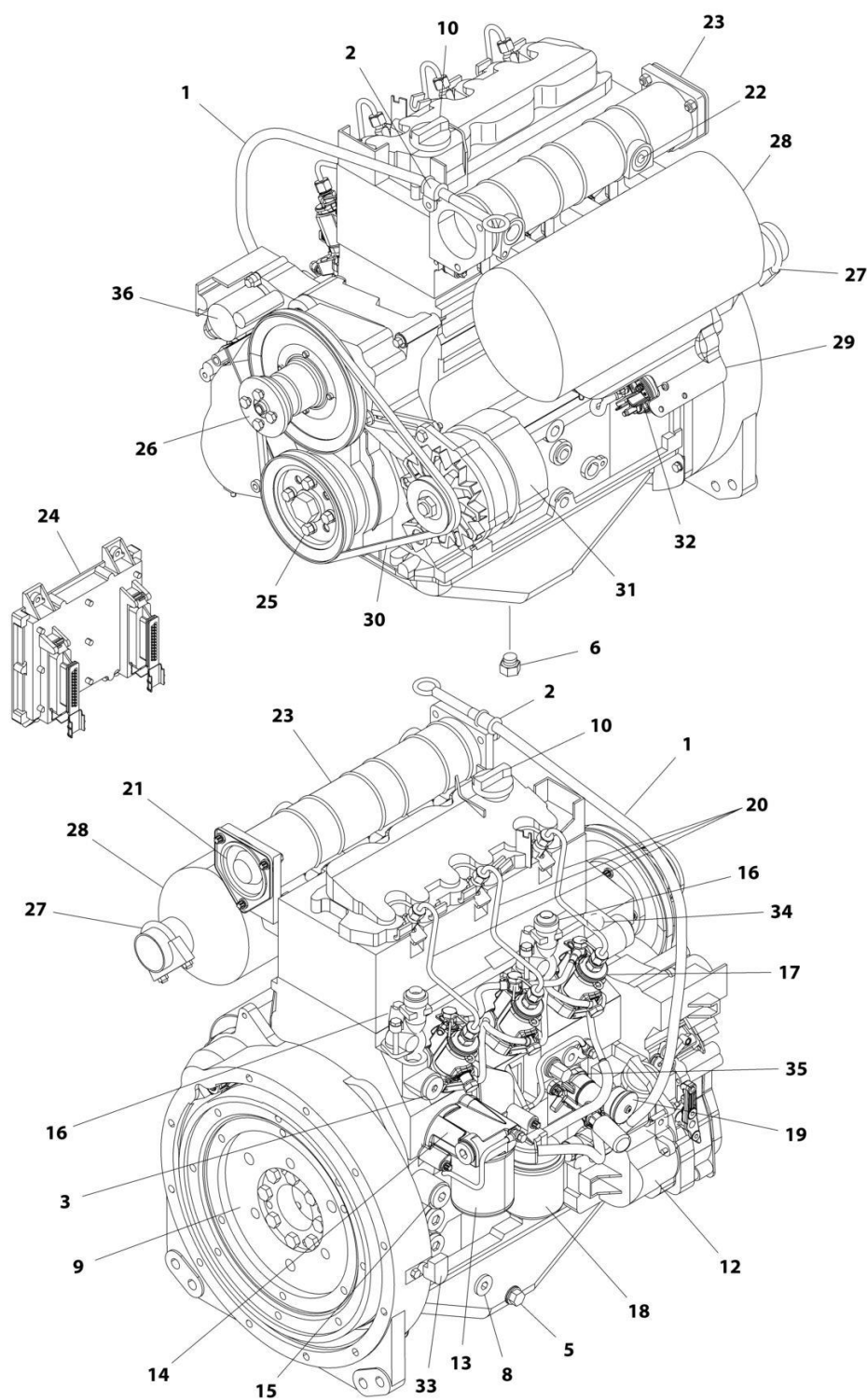
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174783	Ref	ENGINE ASSEMBLY - DEUTZ D2011 ENGINE (WITH ARCTIC PACKAGE)	N
1	0080231	1	Spacer, Fan	
2	0100011	AR	Compound, Locking	
3	0100020	AR	Sealant, Pipe	
4	0100081	AR	Adhesive	
7	0711224	4	Bolt M12 x 80 Grade 10.9	
8	0760610	6	Bolt M6 x 20	
9	0760814	8	Bolt M8 x 30	
10	0760815	9	Bolt M8 x 35	
11	0761015	11	Bolt M10 x 35	
12	0771414	8	Bolt M14 x 30 Grade 10.9	
13	0961951	2	Bushing	
14	1320016	2	Clamp	
15	1703162	2	Decal - Caution Fan	
16	2060025	1	Fan	
17	2220315	1	Fitting, Barbed	
18	2220451	2	Fitting, Straight JIC/ORB	
19	2580062	1	Heater, Engine Block	
21	3290605	6	Nut M6	
22	3290805	13	Nut M8	
23	3291005	11	Nut M10	
24	3331215	4	Nut M12	
25	3520054	2	Plug	
26	3740067	2	Relay Assembly	
26	3300220	2	Nut	
26	3321001	1	Nut #10	
26	3740140	1	Relay	
26	4761000	1	Washer #10	
26	1001111424	2	Washer	
27	3960407	1	Gasket	
28	4240099	AR	Tie-Strap (Not Shown)	
29	4811700	15	Washer M6	
30	4811900	20	Washer M8	
31	4812000	22	Washer M10	
32	4812200	8	Washer M14	
33	4923451	1	Harness, Glow Plugs	
34	5241200	4	Washer M12	
35	8305401	2	Nut, Jam	
36	8307109	2	Washer	
37	8310548	2	Screw 1/4 x 1/2	
38	1001132195	1	Bracket, Engine Mount	
39	1001132196	1	Bracket, Engine Mount	
40	1001138173	1	Support, Service Indicator	
41	1001138175	1	Bracket, Service Indicator	
42	1001139819	1	Adapter, Air Intake	
43	1001141694	1	Clamp, Air Cleaner	
44	1001141995	1	Fitting, Barbed	
45	1001143390	1	Indicator	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
46	1001150998	1	Radiator	
48	1001165389	1	Hose	
49	1001166717	1	Bracket, Engine Mount	
50	1001166718	4	Isolator, Engine Mount	
51	1001167111	1	Harness Engine - Deutz D2011 (See Separate Breakdown in ELECTRICAL SECTION)	
52	1001167520	1	Tray, Engine	
53	1001168018	4	Washer, Snubbing	
54	1001168059	1	Plate, Radiator Mounting	
55	1001170693	1	Engine, Deutz D2011 (See Separate Breakdown in this Section)	
56	1001138248	2 ft/ 0.61m	Tube	
57	1001165388	1	Air Cleaner Assembly	
57	70003783	1	Element, Air Cleaner	
58	2720398	1	Hose	
59	2720447	1	Hose	
60	2902065	1	Pump Coupling Kit (See Separate Breakdown in this Section)	
61	4060805	2.25 ft/ 0.69m	Flex-Trim	
62	0760614	3	Bolt M6 x 30	
63	8406109	1	Clip	
64	1001178859	1	Cable, Alternator	
65	1001214975	1	Bracket	

SECTION 3 - ENGINE

FIGURE 3-7. ENGINE COMPONENTS - DEUTZ D2011



ART_1001170693

SECTION 3 - ENGINE

FIGURE 3-7. ENGINE COMPONENTS - DEUTZ D2011

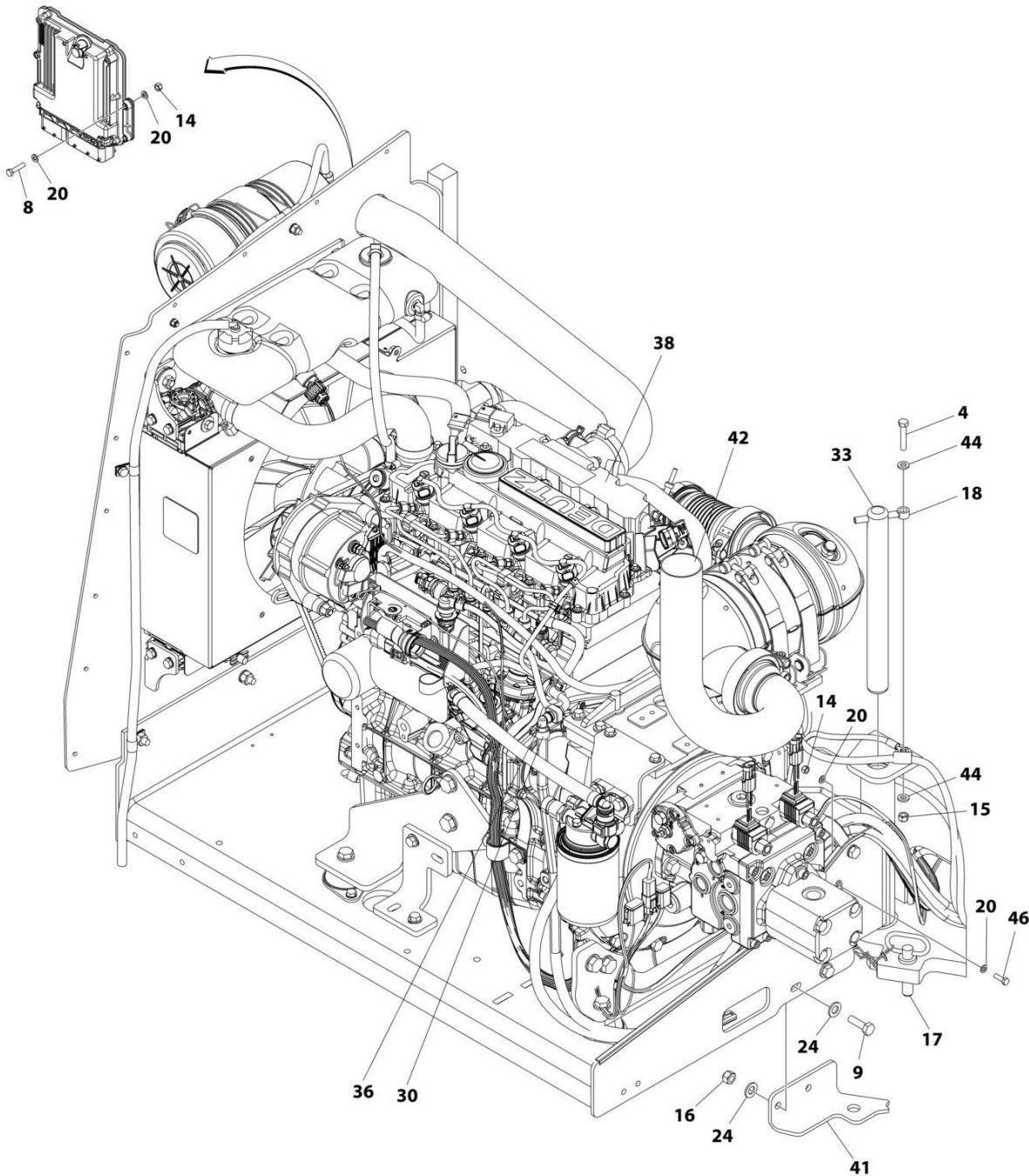
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170693	Ref	ENGINE COMPONENTS - DEUTZ D2011	C
1	70001002	1	Tube, Dipstick	
1	7020403	1	Seal, Tube	
1	7020026	1	Dipstick	
2	70001654	1	Clamp	
2	70001655	1	Bolt	
3	70003475	1	Thermostat	
3	7020460	1	Spring	
4		Ref	Seal and Gasket Options (Not Shown):	
4	70002718	1	Seal, Rear Main	
4	7020430	1	Gasket, Valve Cover	
4	70003479	1	Gasket, Head - 1 Notch	
4	70003480	1	Gasket, Head - 2 Notch	
4	70003481	1	Gasket, Head - 3 Notch	
5	70025088	1	Plug	
6	70025667	1	Plug	
7	70025123	22	Bolt, Torx (Oil Pan Bolts) (Not Shown)	
8	7020492	1	Seal	
8	70025084	1	Plug	
9	70001870	1	Flywheel	
9	7024579	1	Ring Gear (Part of Flywheel)	
9	70025139	8	Bolt	
10	7020465	1	Cap, Oil Fill	
11	70000800	1	Timing Belt/Idler Kit (Includes Timing Belt, Tensioner and Tensioner Bolt) (Not Shown)	
12	70001850	1	Pump, Lubricating	
12	7020468	1	Seal, Pump to Engine Block (Not Shown)	
13	7016331	1	Filter, Oil	
14	70003472	1	Bracket, Oil Filter (Includes Plug with Seal, Temperature Sensor, Control Valve and Compression Spring)	
14	7027236	1	Sensor, Temperature	
14	70025082	1	Seal, Plug	
14	70025091	1	Plug	
14	70003473	1	Gasket, Bracket to Engine Block (Not Shown)	
15	70001181	1	Valve	
15	70025091	1	Plug	
15	70025082	1	Seal, Plug	
16	70004268	2	Connector, Radiator Neck	
16	70004269	2	Seal, Radiator Neck to Engine Block	
17	70000912	3	Pump, Fuel Injector - A Spec	
17	70000913	3	Pump, Fuel Injector - B Spec	
17	70000914	3	Pump, Fuel Injector - C Spec	
17	70000915	3	Pump, Fuel Injector - D Spec	
17	70003464	3	O-Ring, Pump to Engine Block	
18	7020023	1	Filter, Fuel	
18	70003463	1	Filter, Fuel - RME Resistant	
18	70001423	1	Bracket, Fuel Filter	
19	70000916	1	Pump Fuel Supply	
19	70000917	1	O-Seal Between Fuel Pump and Engine Block	
19	70000918	1	Sealing Ring Between Hand Pump and Supply Pump	

SECTION 3 - ENGINE

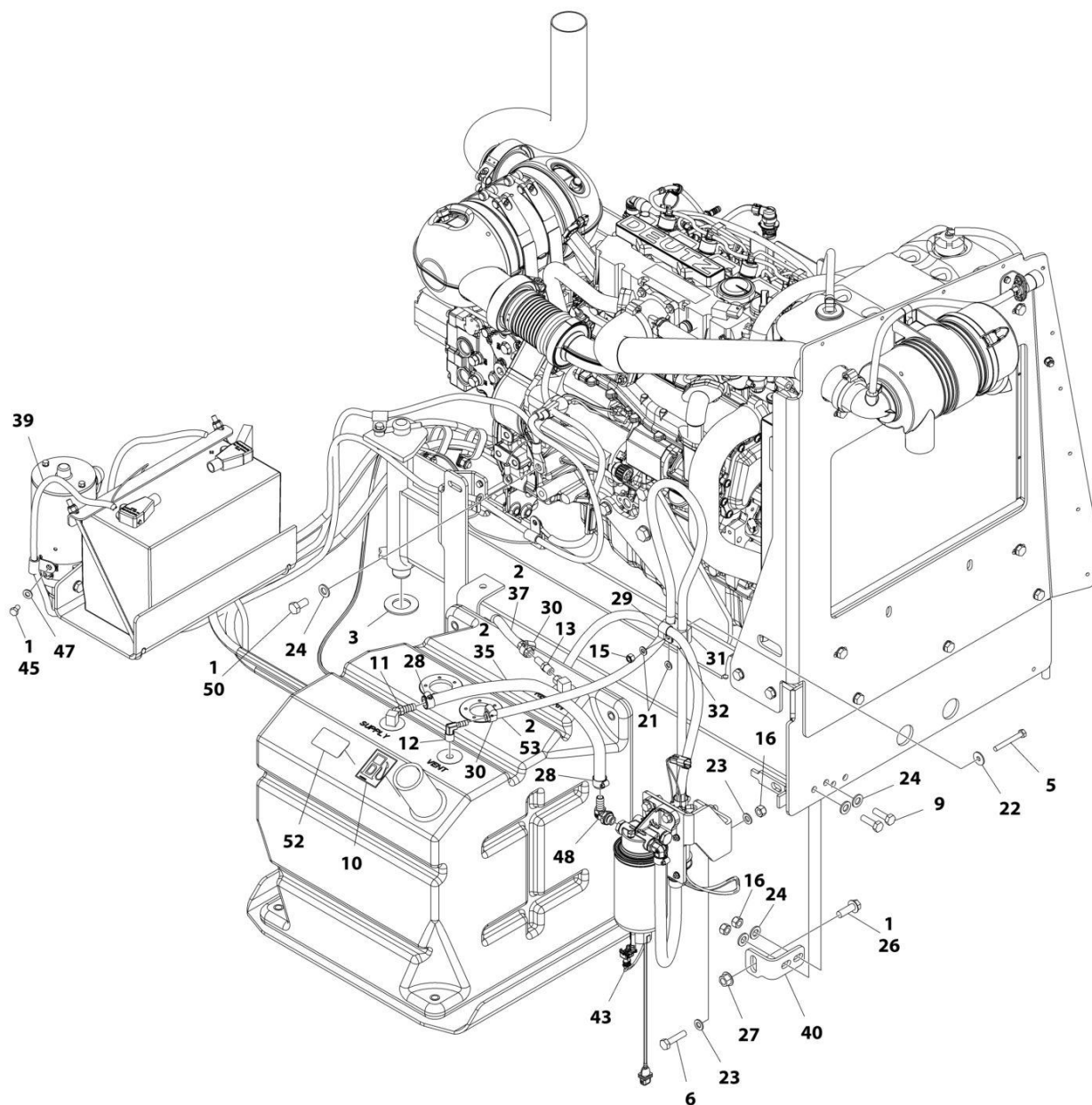
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
19	70000919	1	Pump, Hand	
19	70001435	1	Repair Kit	
19	70025694	2	Bolt, Torx	
20	70000931	3	Pipe, High Pressure	
21	70003469	1	Flange, Intake	
21	70003468	1	Seal	
22	70025084	1	Plug	
22	7020492	1	Seal, Plug	
23	7027903	1	Manifold, Air Intake	
23	70001871	3	Gasket Between Manifold and Engine Block	
24	See Note	1	Module, Engine Control (Note: Not Currently Available)	
24	7027796	1	Cable, Electrical Between Module and Engine Harness (Not Shown)	
24	70001872	1	Harness, Engine (Connects to p/n 70004060) (Not Shown)	
24	70004060	1	Plug, Connector Located on Cable Near Module (Not Shown)	
24	70004059	1	Plug, Analyzer (Not Shown)	
25	70025123	4	Bolt, Torx	
26	70000787	1	Support, Fan (Includes Support, Internal Shaft, Bearings and Circlip)	
27	70001844	1	Clamp	
28	See Note	1	Muffler (Note: See Separate Breakdown in this Section)	
28	7020471	3	Gasket, Exhaust Between Muffler and Engine Block	
28	70004270	6	Stud, Muffler	
29	70001498	1	Shield, Starter	
29	70025693	3	Bolt	
30	70004102	1	V-Belt	
31	70004056	1	Alternator (Includes Voltage Regulator and Gaskets, Fan and Fan Mounting Hardware)	
31	70001868	1	Regulator, Voltage	
31	70001866	1	Gasket Set, Voltage Regulator	
31	70025131	1	Fan	
31	70025086	1	Nut, Fan	
31	70000851	1	Bracket, Alternator Mounting	
31	70002234	1	Bracket, Alternator Adjustment	
31	70004103	1	Harness, Alternator (Not Shown)	
32	7020479	1	Starter	
32	70025121	2	Bolt, Starter Mounting	
32	70004058	1	Relay	
32	70004062	1	Harness, Starter (Not Shown)	
33	7024565	1	Sensor, Speed	
33	70003931	1	Bolt	
33	70003932	1	Spacer, Sleeve	
34	7027791	1	Sensor, Temperature	
35	7027790	1	Sensor, Oil Pressure	
36	7027792	1	Actuator	
37	70000345	3	Plug, Glow (Not Shown)	

SECTION 3 - ENGINE

FIGURE 3-8. ENGINE INSTALLATION - DEUTZ D2.9L4 ENGINE (WITHOUT ARCTIC PACKAGE) (ANSI, ANSI EXPORT(HRC), CSA AND JAPANESE SPECS)



ART_1001166002_L_1OF2



ART_1001166002_L_2OF2

SECTION 3 - ENGINE

FIGURE 3-8. ENGINE INSTALLATION - DEUTZ D2.9L4 ENGINE (WITHOUT ARCTIC PACKAGE) (ANSI, ANSI EXPORT(HRC), CSA AND JAPANESE SPECS)

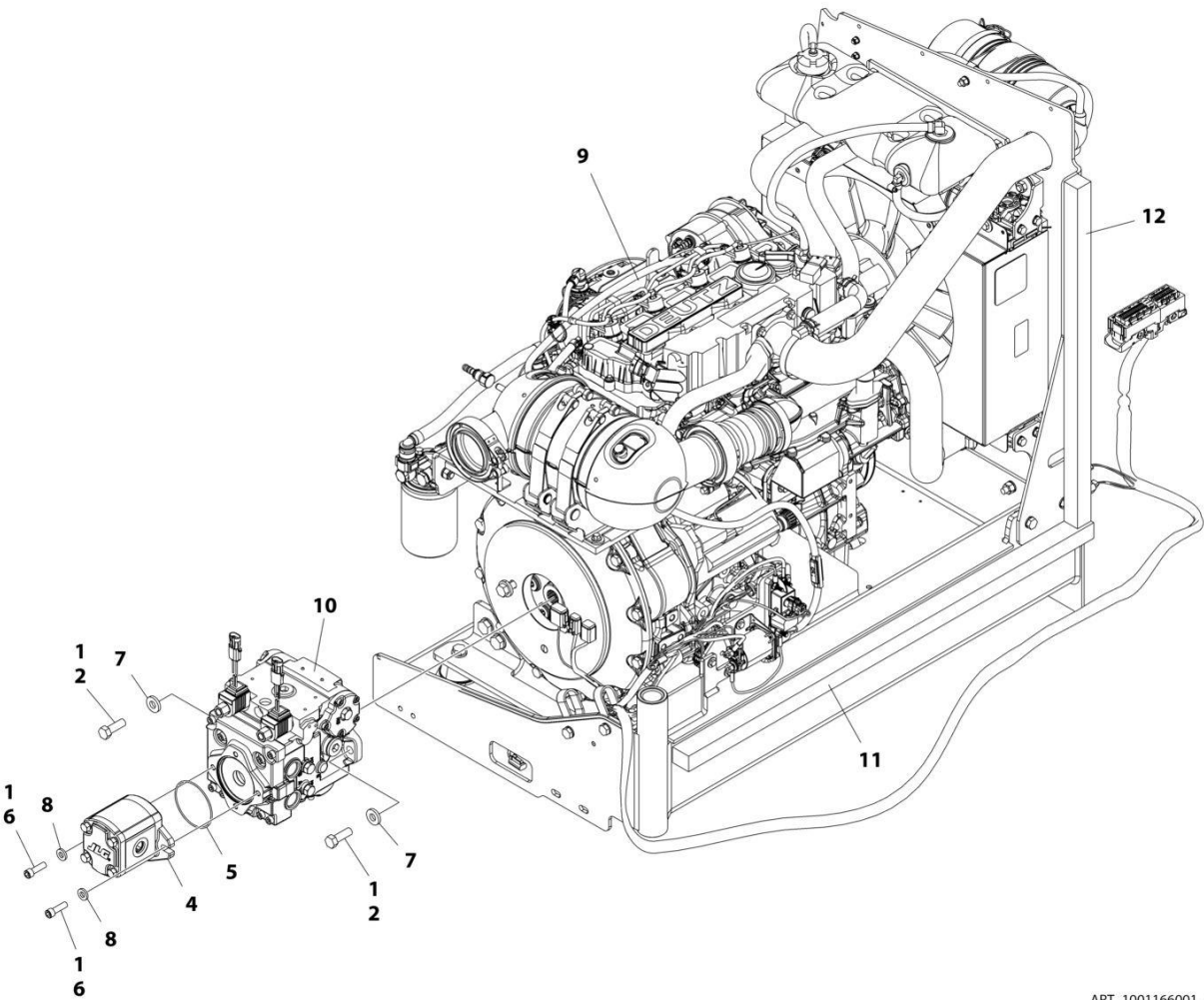
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166002	Ref	ENGINE INSTALLATION - DEUTZ D2.9L4 ENGINE (WITHOUT ARCTIC PACKAGE)	L
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
3	0440162	1	Bearing	
4	0700817	1	Bolt M8 x 45	
5	0700821	1	Bolt M8 x 65	
6	0701017	2	Bolt M10 x 45	
8	0760613	4	Bolt M6 x 28	
9	0761015	4	Bolt M10 x 35	
10	1701505	2	Decal - Diesel Fuel	
11	2180832	1	Fitting, Barbed	
12	2220313	1	Fitting, Barbed 90	
13	2220767	1	Fitting, Barbed	
14	3290605	5	Nut, Lock M6 x 1	
15	3290805	2	Bolt, M8 x 1.25	
16	3291005	6	Nut, Lock M10 x 1.5	
17	3422532	1	Pin	
18	3841143	1	Keeper, Pin	
19	4240099	AR	Tie-Strap	
20	4811700	10	Washer, M6	
21	4811900	2	Washer, M8	
22	4811902	1	Washer, M8	
23	4812000	4	Washer, M10	
24	4812100	9	Washer, M12	
26	5251215	1	Bolt M12 x 35	
27	5261200	1	Nut, Flange M12	
28	8405006	3	Clamp	
29	8406101	1	Clip	
30	8410013	4	Clamp	
31	1320187	1	Clamp	
32	1320190	1	Clamp	
33	1001135196	1	Pin	
35	1001154405	27.56 in /70cm	Hose	
36	1001155823	1	Coupling, Quick Disconnect 90	
37	1001165035	21 ft /6.42m	Hose	
38	1001166001	1	Engine and Pump Sub-Assembly - Deutz D2.9L4 (Without Arctic Package) (See Separate Breakdown in this Section)	
39	1001166970	1	Battery and Auxiliary Power Pump Cable Kit	E
39	70009006	1	Cable, Battery (Black) (Battery to Ground)	
39	70009002	1	Cable, Battery (Red) (Auxiliary Power Relay to Auxiliary Power Pump)	
39	70009007	1	Cable, Battery (Red) (Battery to Auxiliary Power Relay)	
40	1001167512	1	Bracket, Engine Tray	
41	1001169823	1	Plate, Engine Lock	
42	1001172594	1	Pipe, Exhaust	
43	1001173342	1	Harness, Fuel Pump (See Separate Breakdown in ELECTRICAL SECTION)	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
44	5240800	2	Washer, M8 Hardened	
45	0641504	1	Bolt 5/16 x 1/2	
46	0760610	1	Bolt M6 x 20	
47	4711500	1	Washer, 5/16	
48	1001142501	1	Fitting, Barbed 90	
50	0771212	1	Bolt M12 x 25	
52	1001125387	1	Decal - Ultra Low Sulfur Fuel	
53	2750532	5.54 ft /1.69m	Hose	

SECTION 3 - ENGINE

FIGURE 3-9. ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2.9L4 (WITHOUT ARCTIC PACKAGE)
(ANSI, ANSI EXPORT AND CSA SPECS)



ART_1001166001_J

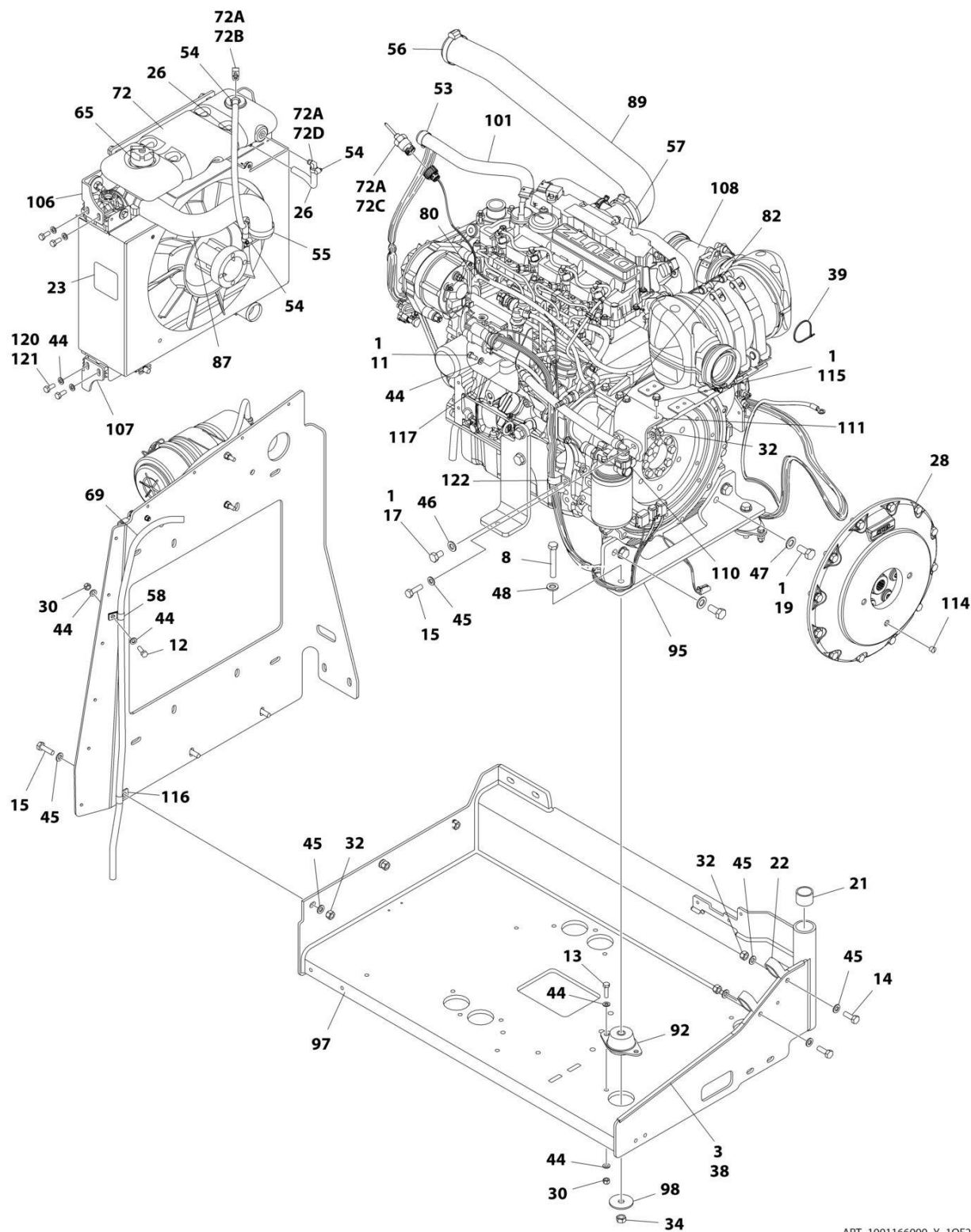
SECTION 3 - ENGINE

**FIGURE 3-9. ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2.9L4 (WITHOUT ARCTIC PACKAGE)
(ANSI, ANSI EXPORT AND CSA SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166001	Ref	ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2.9L4 (WITHOUT ARCTIC PACKAGE)	J
1	0100011	AR	Compound, Locking	
2	0641812	2	Bolt 1/2 x 1-1/2	
4	1001214207	1	Gear Pump Assembly	
4	70006356	1	Seal Kit - 1001214207 Pump	
5	3790152	1	O-Ring	
6	3931618	2	Capscrew 3/8 x 1-1/8	
7	4891800	2	Washer 1/2 Hardened	
8	4891600	2	Washer 3/8 Hardened	
9	1001166000	1	Engine Assembly - Deutz D2.9L4 Engine (Without Arctic Package) (See Separate Breakdown in this Section)	
10	1001167036	1	Piston Pump Assembly (See Separate Breakdown in this Section)	
11	1001171953	1	Seal	
12	1001171954	1	Seal	

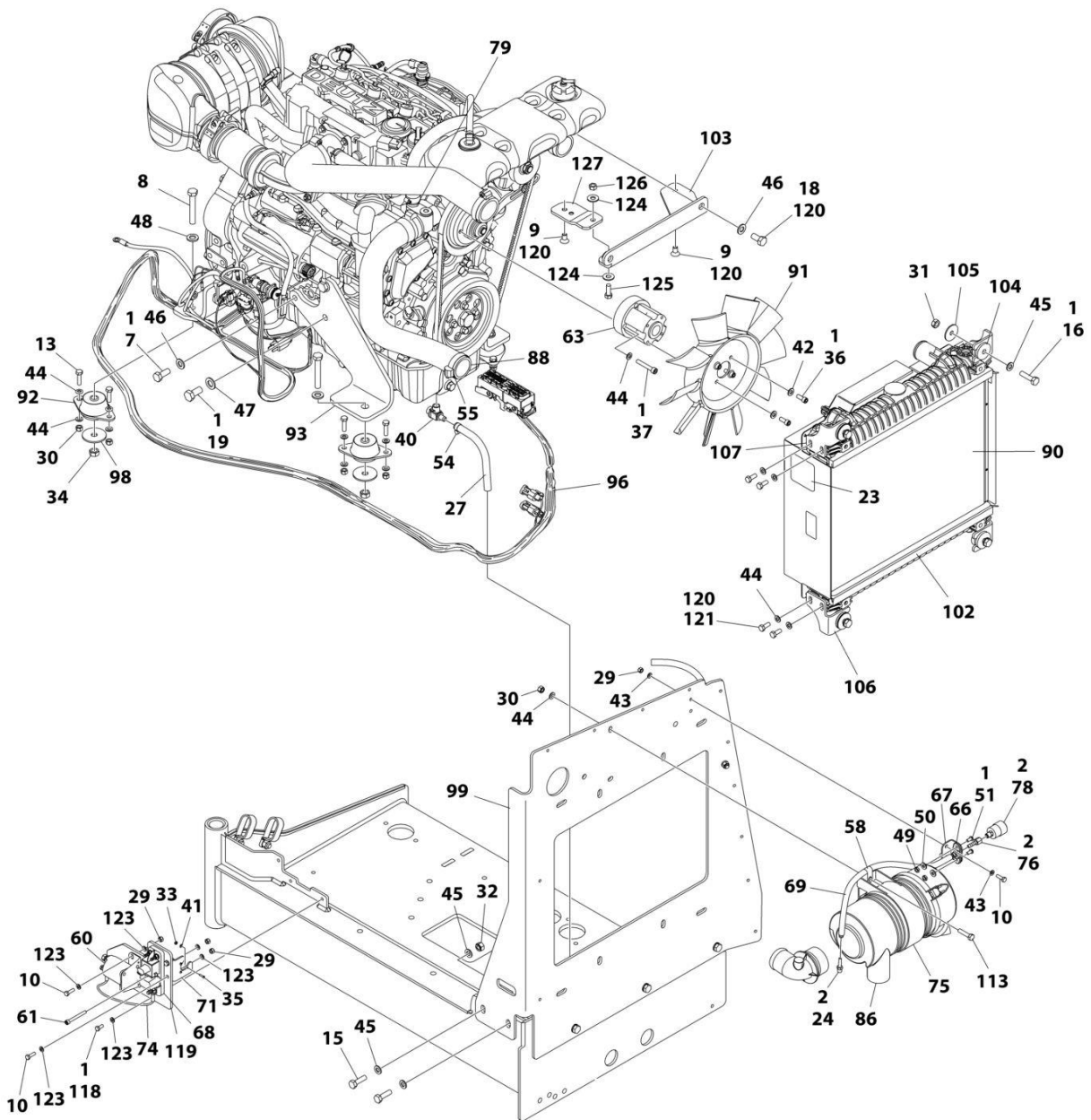
SECTION 3 - ENGINE

FIGURE 3-10. ENGINE ASSEMBLY - DEUTZ D2.9L4 ENGINE (WITHOUT ARCTIC PACKAGE) (ANSI, ANSI EXPORT AND CSA SPECS)



ART_1001166000_Y_10F2

SECTION 3 - ENGINE



ART_1001166000_Y_20F2

SECTION 3 - ENGINE

FIGURE 3-10. ENGINE ASSEMBLY - DEUTZ D2.9L4 ENGINE (WITHOUT ARCTIC PACKAGE) (ANSI, ANSI EXPORT AND CSA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166000	Ref	ENGINE ASSEMBLY - DEUTZ D2.9L4 ENGINE (WITHOUT ARCTIC PACKAGE)	Z
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
3	0100081	AR	Adhesive	
7	0711214	1	Bolt M12 x 30	
8	0711224	3	Bolt M12 x 80 Grade 10.9	
9	0741606	2	Screw 3/8 x 3/4	
10	0760610	6	Bolt M6 x 20	
11	0760808	1	Bolt M8 x 16	
12	0760812	1	Bolt M8 x 25	
13	0760814	6	Bolt M8 x 30	
14	0761014	2	Bolt M10 x 30	
15	0761015	7	Bolt M10 x 35	
16	0761016	4	Bolt M10 x 40	
17	0761210	1	Bolt M12 x 20	
18	0761212	2	Bolt M12 x 25	
19	0771414	6	Bolt M14 x 30 Grade 10.9	
21	0961951	2	Bushing	
22	1321716	2	Clamp	
23	1703162	2	Decal - Caution Fan	
24	2220315	1	Fitting, Straight Barbed	
26	2720015	2 ft/ 0.61m	Hose	
27	2720340	8 in/ 20.3cm	Hose	
28	2902065	1	Pump Coupling Kit (See Separate Breakdown in this Section)	
29	3290605	7	Nut M6	
30	3290805	9	Nut M8	
31	3291001	4	Nut M10	
32	3291005	9	Nut M10	
33	3310401	3	Nut #4	
34	3331215	3	Nut M12	
35	3910408	3	Screw #4- x 1/2	
36	3931512	4	Capscrew, 5/16 x 3/4	
37	4031914	4	Bolt M8 x 50	
38	4060805	2.25 ft/ 0.69m	Flex-Trim	
39	4240099	AR	Tie-Strap	
40	4640751	1	Valve, Oil Drain	
41	4710400	3	Washer #4	
42	4711500	4	Washer 5/16	
43	4811700	4	Washer M6	
44	4811900	31	Washer M8	
45	4812000	22	Washer M10	
46	4812100	4	Washer M12	
47	4812200	6	Washer M14	
48	5241200	3	Washer M12 Hardened	
49	8305401	2	Nut, Jam	
50	8307109	2	Washer	

SECTION 3 - ENGINE

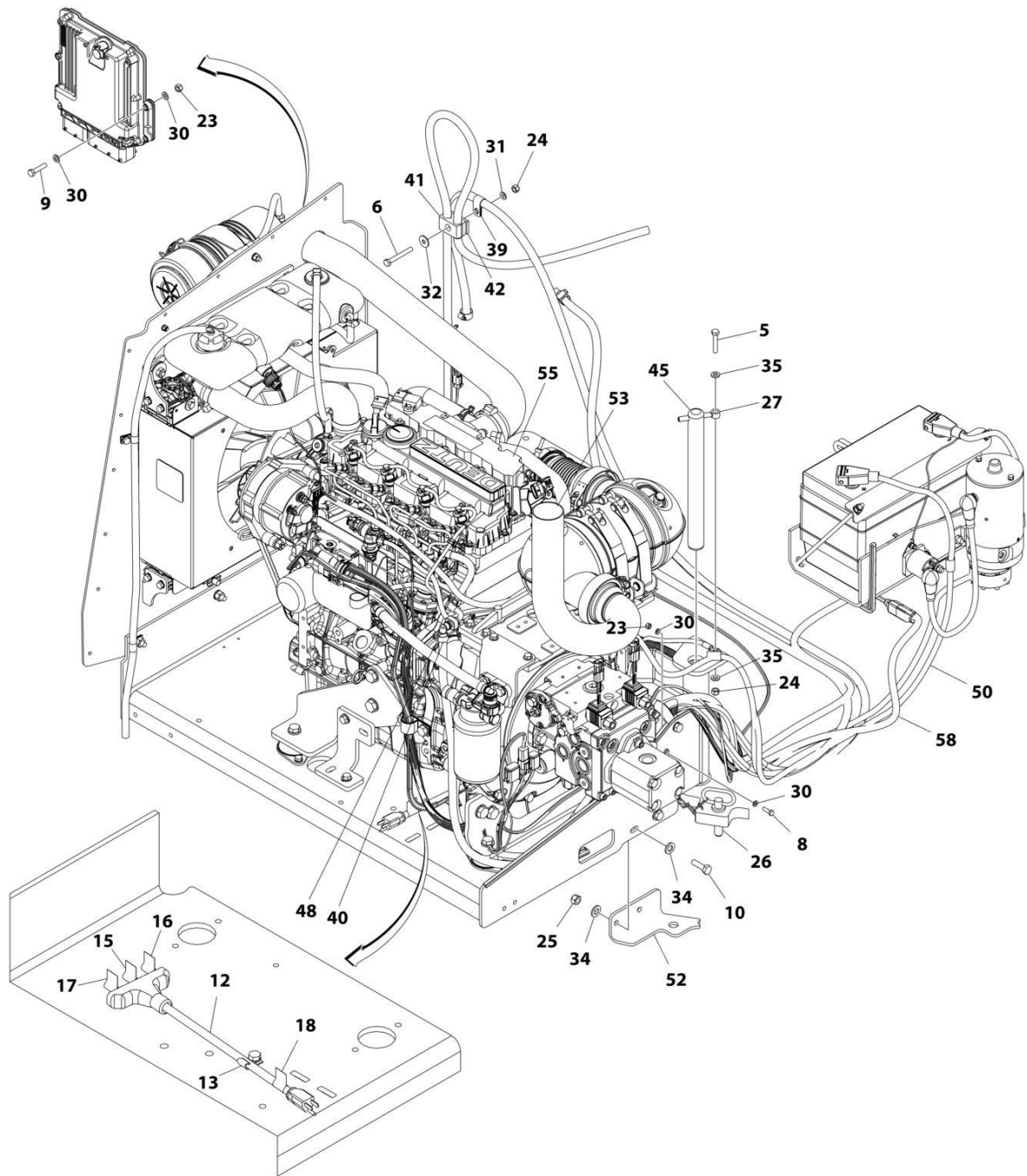
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
51	8310548	2	Screw, 1/4 x 1/2	
53	8405007	2	Clamp	
54	8405009	5	Clamp	
55	8405104	4	Clamp	
56	8405202	1	Clamp	
57	8405204	1	Clamp	
58	8406109	2	Clip	
60	1001117308	1	Relay, 200Amp	
60	3300220	2	Nut	
60	3321001	2	Nut #10	
60	4761000	2	Washer #10	
60	1001111424	2	Washer	
61	1001118878	1	Bolt M6 x 55	
63	1001144116	1	Spacer, Fan	
65	1001136834	1	Cap, Tank	
66	1001138173	1	Support, Service Indicator	
67	1001138175	1	Bracket, Service Indicator	
68	1001138228	1	Relay, Power Module	
68	70023592	1	Fuse 20Amp	
68	70023593	1	Fuse 30Amp	
69	1001138248	5.25 ft/ 1.6m	Tube	
71	1001139240	1	Bracket	
72	1001230635	1	Tank, Surge (Includes Items 72A-72D)	
72A	0100020	AR	Sealant, Pipe	
72B	1001134488	1	Fitting, Barbed	
72C	1001138827	1	Sensor, Coolant Level	
72D	1001140564	1	Fitting, Barbed 90	
74	1001141304	1	Harness, Glow Plug	
75	1001141694	1	Clamp, Air Cleaner	
76	1001141995	1	Fitting, Barbed	
78	1001143390	1	Indicator	
79	1001143797	1	Fitting, Barbed	
80	1001178788	1	Cable, Alternator	
82	1001152489	1	Fitting, Barbed 90	
86	1001165388	1	Air Cleaner Assembly	
86	70003783	1	Element, Air Cleaner	
87	1001165405	1	Hose, Upper Radiator	
88	1001165406	1	Hose, Lower Radiator	
89	1001165721	1	Hose, Air Intake	
90	1001165722	1	Radiator	
91	1001165849	1	Fan	
92	1001166718	3	Mount, Motor	
93	1001166921	1	Plate, Engine Mount	
95	1001166924	1	Plate, Engine Mount	
96	1001167108	1	Harness Engine - Deutz D2.9L4 (See Separate Breakdown in ELECTRICAL SECTION)	
97	1001167520	1	Tray, Engine	
98	1001168018	3	Washer, Special	
99	1001168026	1	Plate, Radiator Mounting	
101	1001168099	1	Hose	
102	1001168166	2	Seal	

SECTION 3 - ENGINE

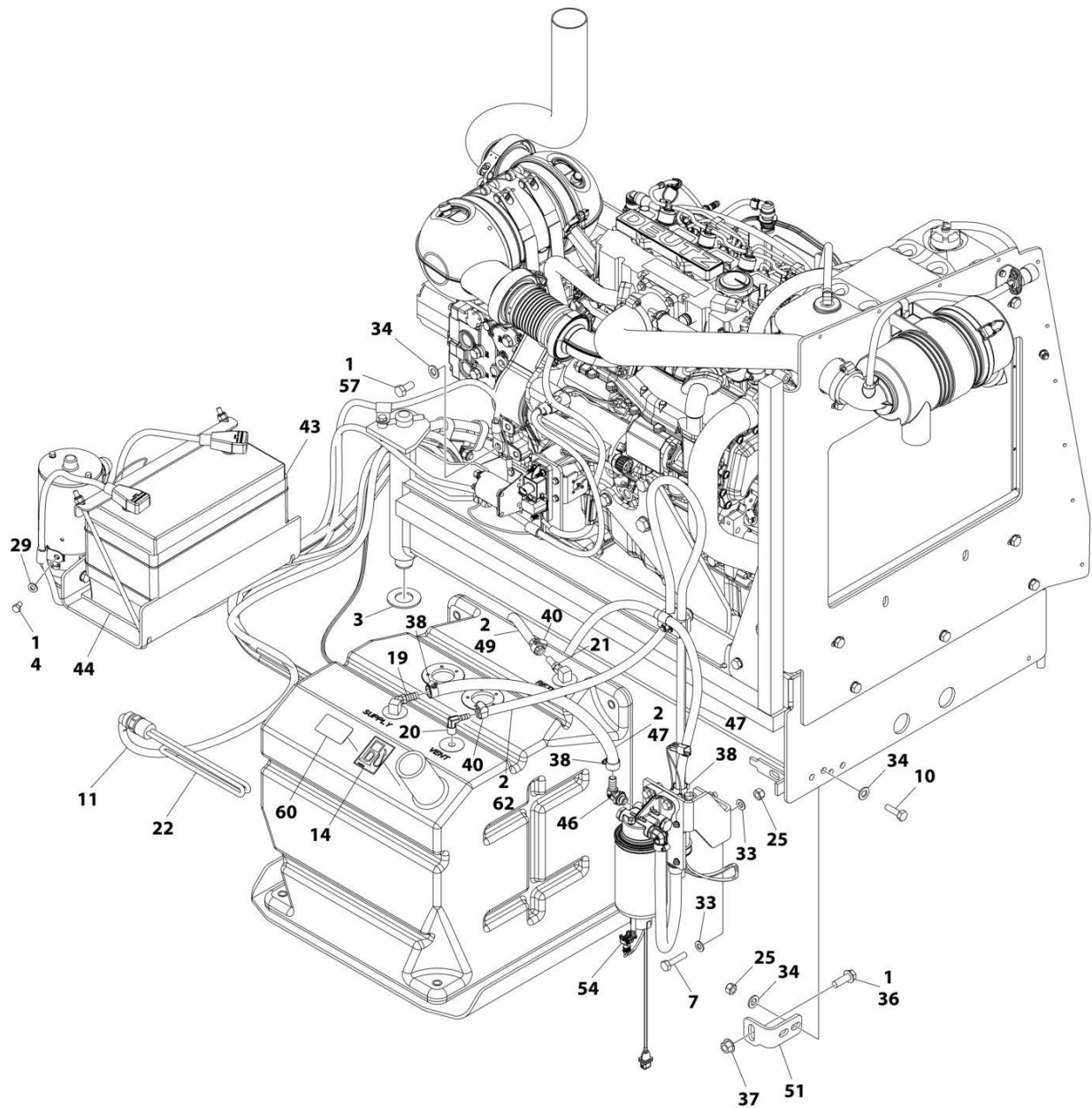
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
103	1001260420	1	Bracket	
104	1001169054	4	Isolator	
105	1001169138	4	Washer, Snubbing	
106	1001169967	2	Bracket	
107	1001170035	2	Bracket	
108	1001249965	1	Engine, Deutz D2.9L4 (See Separate Breakdown in this Section)	
110	1001177359	1	Hose	
111	1001178876	1	Mount, Fuel Filter	
113	0760815	2	Bolt M8 x 35	
114	3520054	1	Plug	
115	5250810	2	Bolt M8 x 20	
116	8406110	1	Clip	
117	8406201	1	Clip	
118	0760607	3	Bolt M6 x 14	
119	1001179903	1	Bracket	
120	1001180620	AR	Adhesive	
121	0760810	8	Bolt M8 x 20	
122	1001191620	1	Clamp	
123	4811702	12	Washer M6	
124	4751600	2	Washer 3/8	
125	0681608	1	Bolt 3/8 x 1	
126	3311605	1	Nut 3/8	
127	1001260412	1	Bracket	
128	1001162335	1	Bracket Assembly - Fuel Pump/Filter (Not Shown - See Separate Breakdown in this Section)	

SECTION 3 - ENGINE

FIGURE 3-11. ENGINE INSTALLATION - DEUTZ D2.9L4 ENGINE (WITH ARCTIC PACKAGE) (ANSI AND CSA SPECS)



ART_1001166003_K_10F2



ART_1001166003_K_20F2

SECTION 3 - ENGINE

FIGURE 3-11. ENGINE INSTALLATION - DEUTZ D2.9L4 ENGINE (WITH ARCTIC PACKAGE) (ANSI AND CSA SPECS)

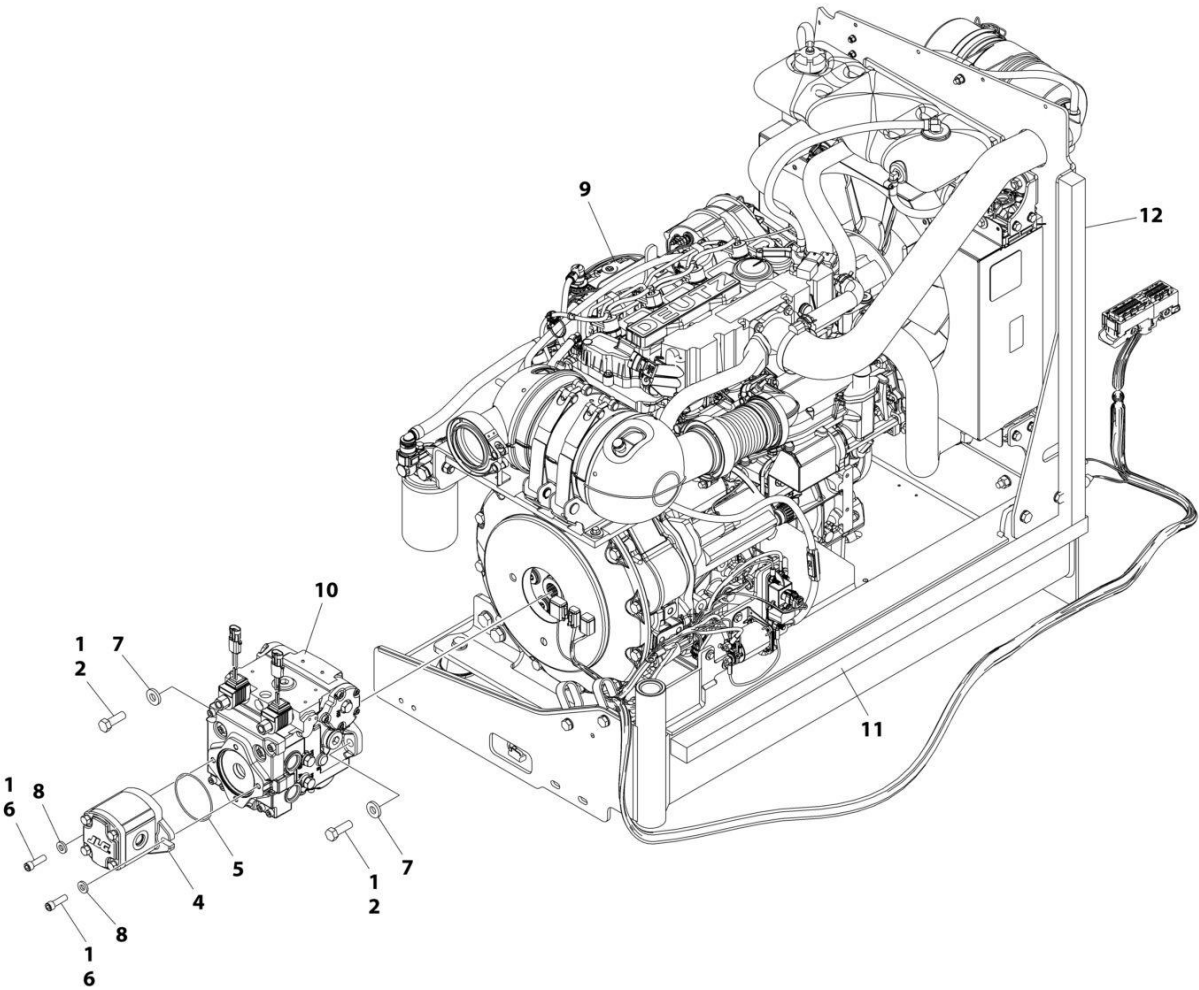
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166003	Ref	ENGINE INSTALLATION - DEUTZ D2.9L4 ENGINE (WITH ARCTIC PACKAGE)	K
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
3	0440162	1	Bearing	
4	0641504	1	Bolt 5/16 x 1/2	
5	0700817	1	Bolt M8 x 45	
6	0700821	1	Bolt M8 x 65	
7	0701017	2	Bolt M10 x 45	
8	0760610	1	Bolt M6 x 20	
9	0760613	4	Bolt M6 x 28	
10	0761015	5	Bolt M10 x 35	
12	1060626	1	Plug, 3 Way	
13	1320223	1	Clamp	
14	1701505	2	Decal - Diesel Fuel	
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, Barbed	
20	2220313	1	Fitting, Barbed 90	
21	2220767	1	Fitting, Barbed	
22	1001188972	1	Heater, Hydraulic Tank	
23	3290605	5	Nut, Lock M6 x 1	
24	3290805	2	Nut, Lock M8 x 1.25	
25	3291005	7	Nut, Lock M10 x 1.5	
26	3422532	1	Pin	
27	3841143	1	Keeper, Pin	
28	4240099	AR	Tie-Strap	
29	4711500	1	Washer, 5/16	
30	4811700	10	Washer, M6	
31	4811900	1	Washer, M8	
32	4811902	1	Washer, M8	
33	4812000	6	Washer, M10	
34	4812100	9	Washer, M12	
35	5240800	2	Washer, M8 Hardened	
36	5251215	1	Bolt M12 x 35	
37	5261200	1	Nut, Flange M12 Class10	
38	8405006	3	Clamp	
39	8406101	1	Clip	
40	8410013	4	Clamp	
41	1320187	1	Clamp	
42	1320190	1	Clamp	
43	2580024	1	Heater, Battery	
44	1001119278	1	Insulate	
45	1001135196	1	Pin	
46	1001142501	1	Fitting, Barbed 90	
47	1001154405	28 in/.7m	Hose	
48	1001155823	1	Coupling, Quick Disconnect 90	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49	1001165035	21 ft /6.42m	Hose	E
50	1001166970	1	Battery and Auxiliary Power Pump Cable Kit	
50	70009006	1	Cable, Battery (Black) (Battery to Ground)	
50	70009002	1	Cable, Battery (Red) (Auxiliary Power Relay to Auxiliary Power Pump)	
50	70009007	1	Cable, Battery (Red) (Battery to Auxiliary Power Relay)	
51	1001167512	1	Bracket, Engine Tray	
52	1001169823	1	Plate, Engine Lock	
53	1001172594	1	Pipe, Exhaust	
54	1001173342	1	Harness, Fuel Pump (See Separate Breakdown in ELECTRICAL SECTION)	
55	1001174778	1	Engine and Pump Sub-Assembly - Deutz D2.9L4 (With Arctic Package) (See Separate Breakdown in this Section)	
57	0771212	1	Bolt M12 x 25	
58	1001150918	1	Cable, Extension Cord	
60	1001125387	1	Decal - Ultra Low Sulfur Fuel	
62	2750532	5.54 ft /1.69m	Hose	
63	1001233763	1	Breather Heater Installation (Not Shown - See Separate Breakdown in this Section)	

SECTION 3 - ENGINE

FIGURE 3-12. ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2.9L4 (WITH ARCTIC PACKAGE)
(ANSI, ANSI EXPORT AND CSA SPECS)



ART_1001174778_I

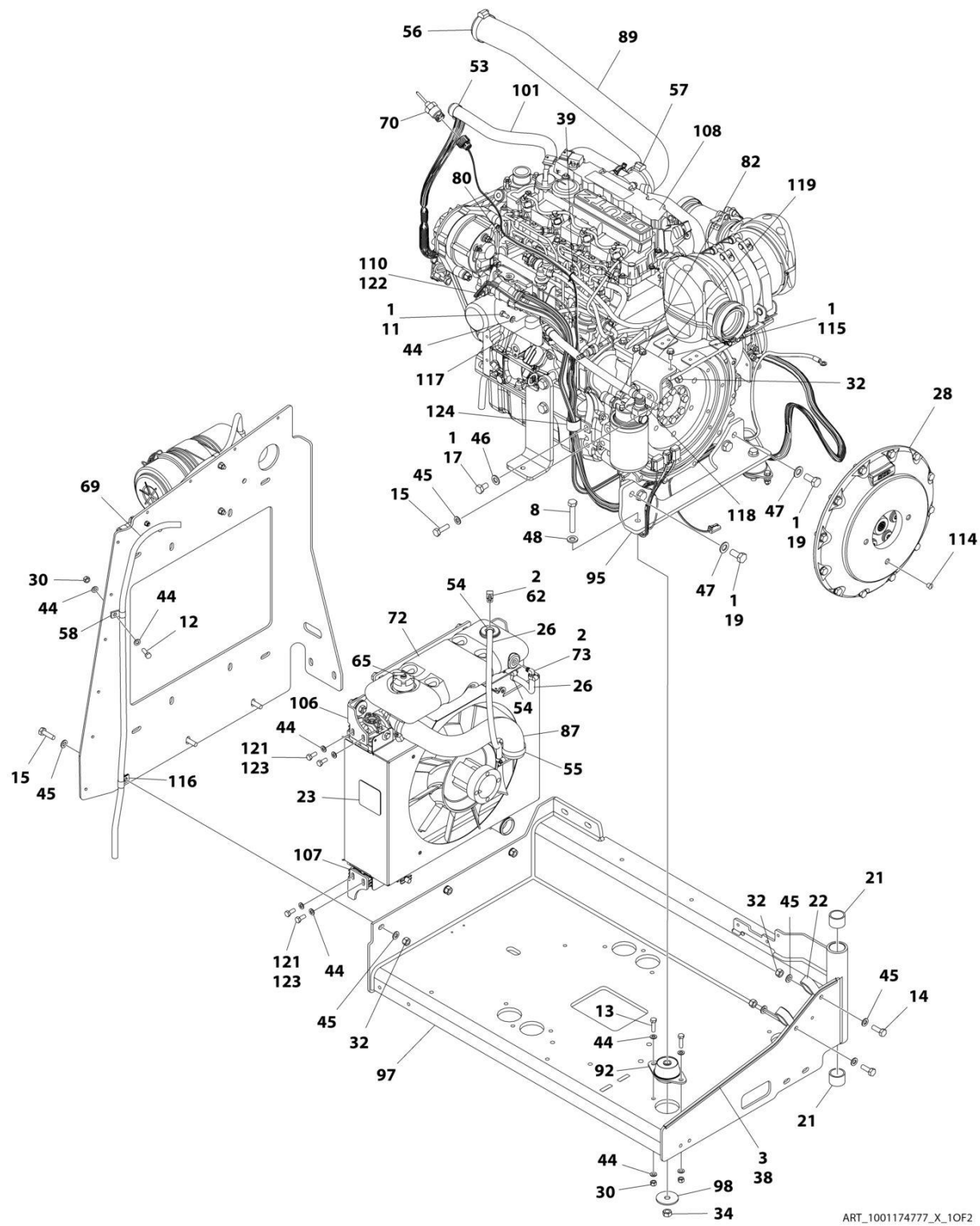
SECTION 3 - ENGINE

**FIGURE 3-12. ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2.9L4 (WITH ARCTIC PACKAGE)
(ANSI, ANSI EXPORT AND CSA SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174778	Ref	ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2.9L4 (WITH ARCTIC PACKAGE)	I
1	0100011	AR	Compound, Locking	
2	0641812	2	Bolt 1/2 x 1-1/2	
4	1001214207	1	Gear Pump Assembly	
4	70006356	1	Seal Kit - 1001214207 Pump	
5	3790152	1	O-Ring	
6	3931618	2	Capscrew 3/8 x 1 1/8	
7	4891800	2	Washer 1/2 Hardened	
8	4891600	2	Washer 3/8 Hardened	
9	1001174777	1	Engine Assembly - Deutz D2.9L4 Engine (With Arctic Package) (See Separate Breakdown in this Section)	
10	1001167036	1	Piston Pump Assembly (See Separate Breakdown in this Section)	
11	1001171953	1	Seal	
12	1001171954	1	Seal	

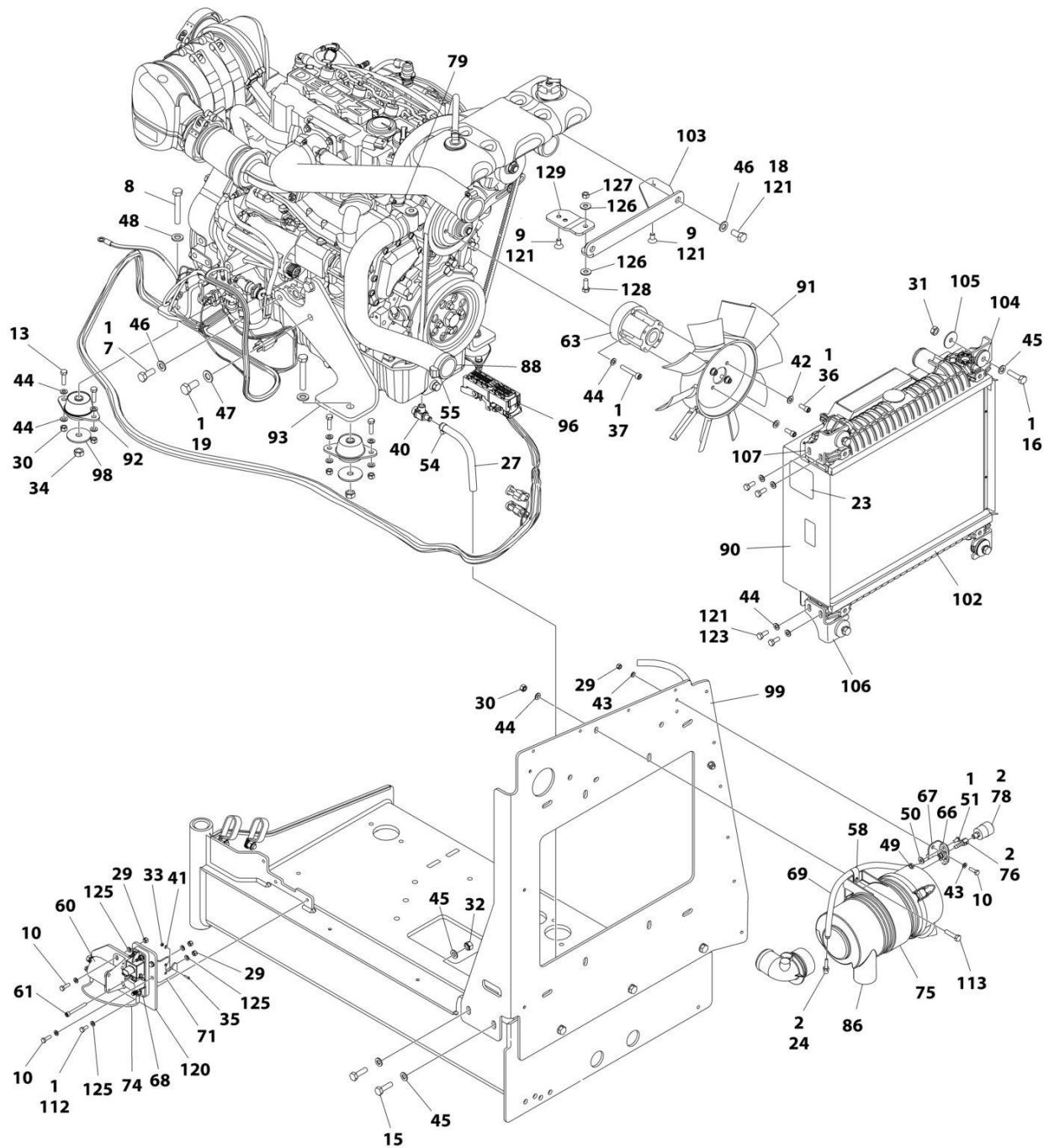
SECTION 3 - ENGINE

FIGURE 3-13. ENGINE ASSEMBLY - DEUTZ D2.9L4 ENGINE (WITH ARCTIC PACKAGE) (ANSI, ANSI EXPORT AND CSA SPECS)



ART_1001174777_X_10F2

SECTION 3 - ENGINE



ART_1001174777_X_20F2

SECTION 3 - ENGINE

FIGURE 3-13. ENGINE ASSEMBLY - DEUTZ D2.9L4 ENGINE (WITH ARCTIC PACKAGE) (ANSI, ANSI EXPORT AND CSA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174777	Ref	ENGINE ASSEMBLY - DEUTZ D2.9L4 ENGINE (WITH ARCTIC PACKAGE)	Y
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
3	0100081	AR	Adhesive	
7	0711214	1	Bolt M12 x 30	
8	0711224	3	Bolt M12 x 80	
9	0741606	2	Screw 3/8 x 3/4	
10	0760610	6	Bolt M6 x 20	
11	0760808	1	Bolt M8 x 16	
12	0760812	1	Bolt M8 x 25	
13	0760814	6	Bolt M8 x 30	
14	0761014	2	Bolt M10 x 30	
15	0761015	7	Bolt M10 x 35	
16	0761016	4	Bolt M10 x 40	
17	0761210	1	Bolt M12 x 20	
18	0761212	2	Bolt M12 x 25	
19	0771414	6	Bolt M14 x 30 Grade 10.9	
21	0961951	2	Bushing	
22	1321716	2	Clamp	
23	1703162	2	Decal - Caution Fan	
24	2220315	1	Fitting, Barbed	
26	2720015	2 ft/0.61m	Hose	
27	2720340	8 in /0.2m	Hose	
28	2902065	1	Pump Coupling Kit (See Separate Breakdown in this Section)	
29	3290605	7	Nut M6	
30	3290805	9	Nut M8	
31	3291001	4	Nut M10	
32	3291005	9	Nut M10	
33	3310401	3	Nut #4	
34	3331215	3	Nut M12 x 1.75	
35	3910408	3	Screw #4- x 1/2	
36	3931512	4	Capscrew 5/16 x 3/4	
37	4031914	4	Bolt M8 x 50	
38	4060805	2.25 ft/ 0.69m	Flex-Trim	
39	4240099	AR	Tie-Strap	
40	4640751	1	Valve, Oil Drain	
41	4710400	3	Washer #4	
42	4711500	4	Washer 5/16	
43	4811700	4	Washer M6	
44	4811900	31	Washer M8	
45	4812000	22	Washer M10	
46	4812100	4	Washer M12	
47	4812200	6	Washer M14	
48	5241200	3	Washer M12	
49	8305401	2	Nut Jam	
50	8307109	2	Washer, .250	
51	8310548	2	Screw 1/4 x 1/2	

SECTION 3 - ENGINE

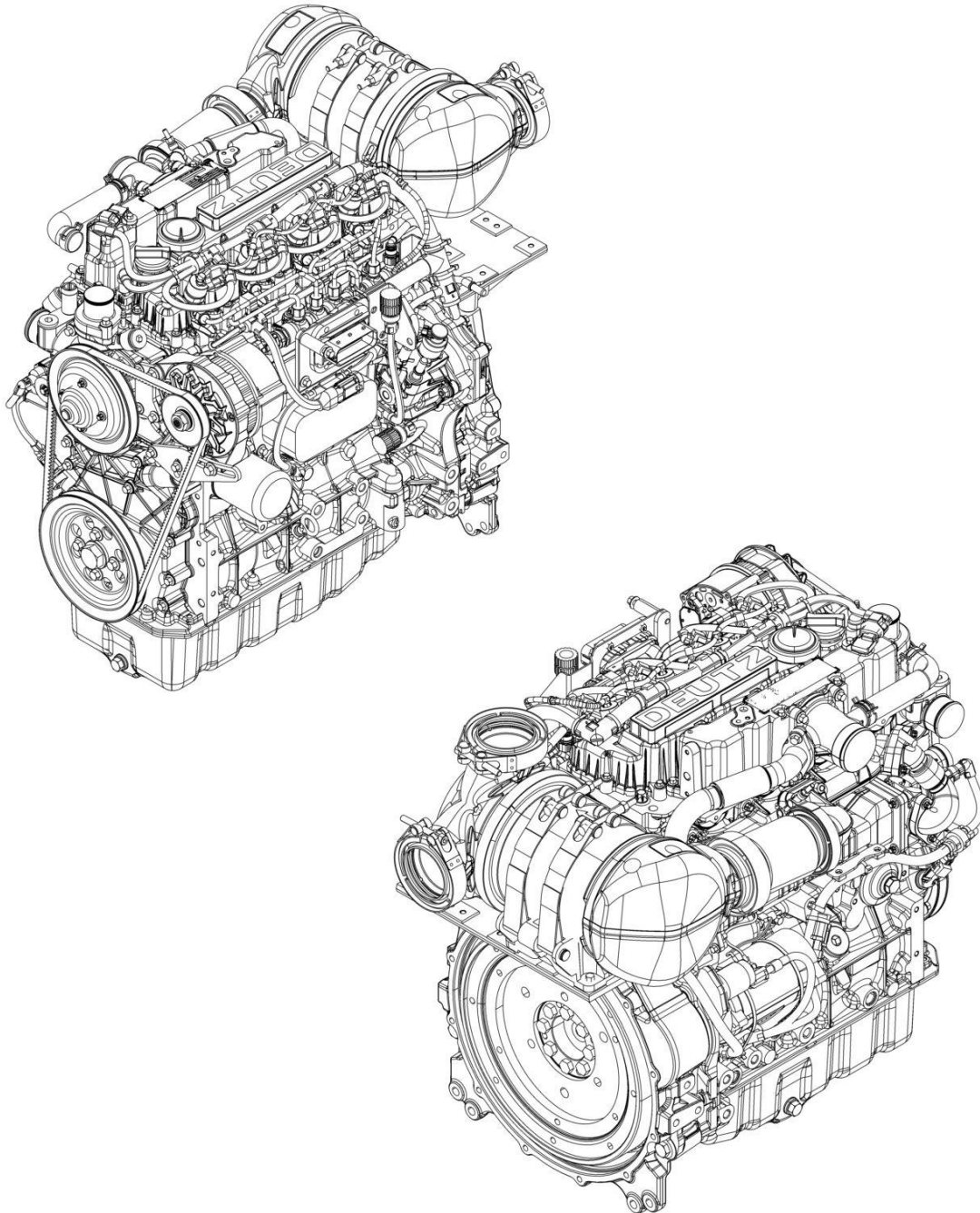
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
53	8405007	2	Clamp	
54	8405009	5	Clamp	
55	8405104	4	Clamp	
56	8405202	1	Clamp	
57	8405204	1	Clamp	
58	8406109	2	Clip	
60	1001117308	1	Relay, 200Amp	
60	3300220	2	Nut	
60	3321001	2	Nut #10	
60	4761000	2	Washer #10	
60	1001111424	2	Washer	
61	1001118878	1	Bolt M6 x 55	
62	1001134488	1	Fitting, Barbed 90	
63	1001144116	1	Spacer, Fan	
65	1001136834	1	Cap, Tank	
66	1001138173	1	Support, Service Indicator	
67	1001138175	1	Bracket, Service Indicator	
68	1001138228	1	Relay, Power Module	
68	70023592	1	Fuse 20Amp	
68	70023593	1	Fuse 30Amp	
69	1001138248	5.25 ft/ 1.6m	Tube	
70	1001138827	1	Sensor, Coolant Level	
71	1001139240	1	Bracket	
72	1001230635	1	Tank, Surge (Includes Items 62, 70 & 73)	
73	1001140564	1	Fitting, Barbed 90	
74	1001141304	1	Harness, Glow Plug	
75	1001141694	1	Clamp, Air Cleaner	
76	1001141995	1	Fitting, Barbed	
78	1001143390	1	Indicator	
79	1001143797	1	Fitting, Barbed	
80	1001178788	1	Cable, Alternator	
82	1001152489	1	Fitting, Barbed 90	
86	1001165388	1	Air Cleaner Assembly	
86	70003783	1	Element, Air Cleaner	
87	1001165405	1	Hose, Upper Radiator	
88	1001165406	1	Hose, Lower Radiator	
89	1001165721	1	Hose, Air Intake	
90	1001165722	1	Radiator	
91	1001165849	1	Fan	
92	1001166718	3	Mount, Motor	
93	1001166921	1	Plate, Engine Mount	
95	1001166924	1	Plate, Engine Mount	
96	1001167108	1	Harness Engine - Deutz D2.9L4 (See Separate Breakdown in ELECTRICAL SECTION)	
97	1001167520	1	Tray, Engine	
98	1001168018	3	Washer, Special	
99	1001168026	1	Plate, Radiator Mounting	
101	1001168099	1	Hose	
102	1001168166	2	Seal	
103	1001260420	1	Bracket	
104	1001169054	4	Isolator	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
105	1001169138	4	Washer, Snubbing	
106	1001169967	2	Bracket	
107	1001170035	2	Bracket	
108	1001249965	1	Engine, Deutz D2.9L4 (See Separate Breakdown in this Section)	
110	1001140312	1	Heater, Engine Block	
112	0760607	3	Bolt M6 x 14	
113	0760815	2	Bolt M8 x 35	
114	3520054	1	Plug	
115	5250810	2	Bolt M8 x 20	
116	8406110	1	Clip	
117	8406201	1	Clip	
118	1001177359	1	Hose	
119	1001178876	1	Mount, Fuel Filter	
120	1001179903	1	Bracket	
121	1001180620	AR	Adhesive	
122	1001181895	AR	Adhesive	
123	0760810	8	Bolt M8 x 20	
124	1001191620	1	Clamp	
125	4811702	12	Washer M6	
126	4751600	2	Washer 3/8	
127	3311605	1	Nut 3/8	
128	0681608	1	Bolt 3/8 x 1	
129	1001260412	1	Bracket	
130	1001162335	1	Bracket Assembly - Fuel Pump/Filter (Not Shown) (See Separate Breakdown in this Section)	

SECTION 3 - ENGINE

FIGURE 3-14. ENGINE COMPONENTS - DEUTZ D2.9L4 ENGINE (ANSI, ANSI EXPORT AND CSA SPECS)



ART_1001249965

SECTION 3 - ENGINE

FIGURE 3-14. ENGINE COMPONENTS - DEUTZ D2.9L4 ENGINE (ANSI, ANSI EXPORT AND CSA SPECS)

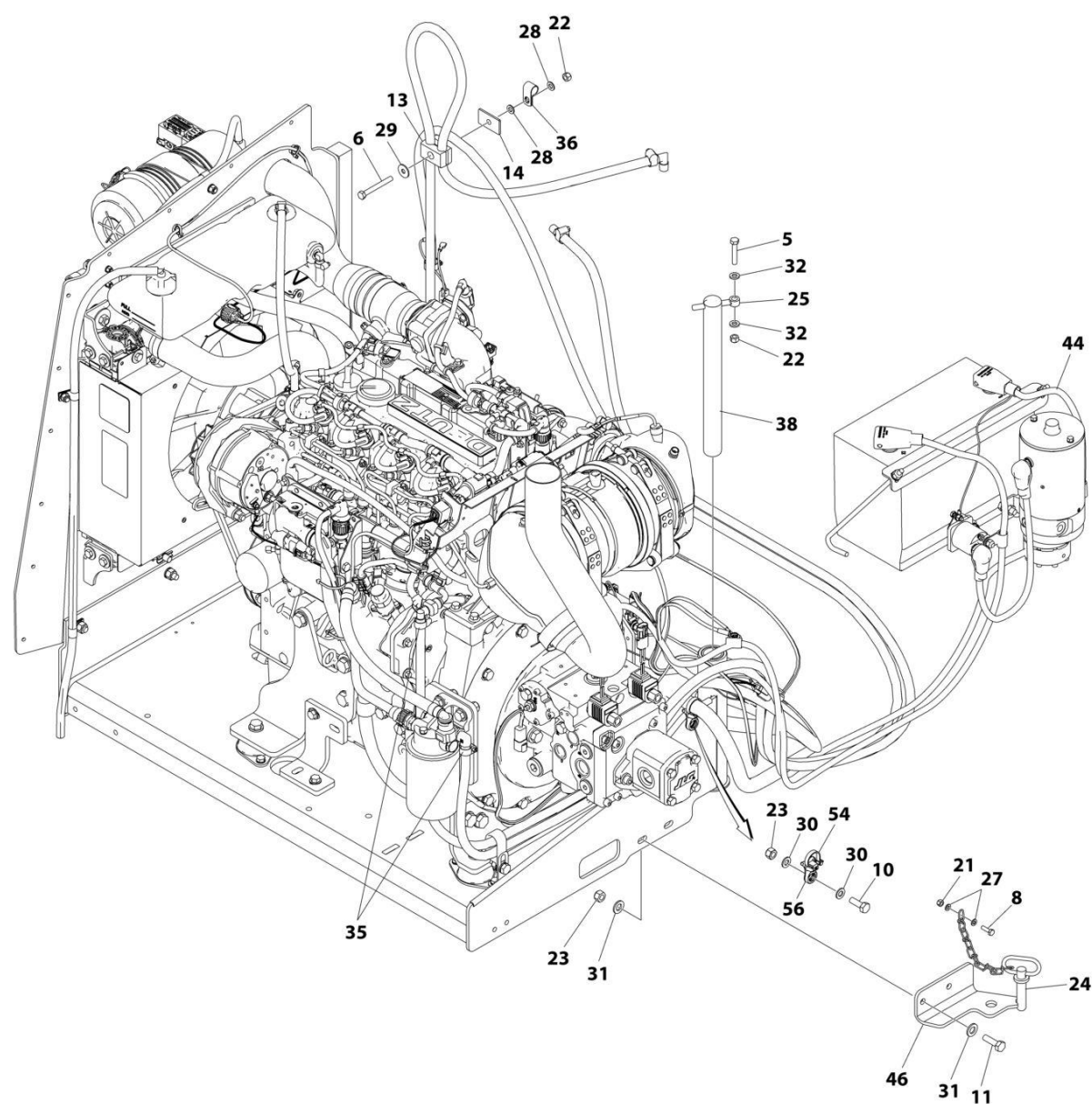
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001249965	Ref	DEUTZ D2.9L4 - 49HP ENGINE COMPONENTS	B
	See Note	Ref	Note: Contact JLG Customer Service for Availability of Additional Components.	
		Ref	Air Intake System	
	70005182	1	Charge Air Elbow	
	70005183	1	Breather Line	
		Ref	Cooling System Components	
	70030360	1	Pump, Coolant	
	70007603	1	Thermostat	
		Ref	Electrical Components	
	70025210	1	Module, Engine Control (ECM/ECU)	
	70024513	1	Harness, Fuel Filter Sensor	
	70024504	1	Sensor, Fuel Pressure	
	70006652	1	Generator	
	70024915	1	Starter	
	70025231	1	Harness, Glow Plug	
	70028540	1	Sensor, Temperature	
	70026210	1	Sensor, Speed	
	70024507	1	Sensor, Pressure (Air Intake)	
	70031145	4	Plug, Glow	
		Ref	Exhaust Components	
	70031136	1	Pipe, Exhaust	
	70004282	1	Exhaust Manifold	
		Ref	Fuel System Components	
	70030381	1	Pump, High Pressure	
	700004508	1	Valve, Volume Control	
	70004281	1	Injector, Fuel	
	70006144	1	Pump, Fuel Supply (Includes Qty 2 Mounting Clamps)	
	1001225430	1	Filter, Fuel (Pre-Filter) Assembly	
	70024961	1	Filter, Fuel	
	70025239	1	Seal	
	70024513	1	Cable, Sensor	
	70029451	1	Filter, Fuel	
		Ref	Gasket & Seal Components	
	70024905	1	Seal, Dipstick	
	70005942	2	Seal, Oil Plug	
	70024906	1	Gasket, Head	
	70005171	1	Gasket, Valve Cover	
	70002718	1	Seal, Rear Main	
	70025135	1	O-Ring, Oil Lube Pump	
	70005173	1	Gasket, Oil Lube Pump	
	70024925	1	Seal, Oil Cooler	
	70005177	1	Gasket, Charge Air Housing	
	70025200	1	O-Ring, Coolant Pump	
	70007325	1	Seal, Coolant Pump	
	70005184	1	O-Ring, Thermostat	
	70005931	1	Seal, Thermostat	
	70025164	1	Gasket, Exhaust Manifold to Head	
	70007354	1	Gasket, Short Exhaust Pipe to JLG supplied Exhaust	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70007326	1	Gasket EGR Valve	
	70031095	1	Gasket, Exhaust Return Pipe (to Air Intake Housing)	
		Ref	Other Components	
	70001870	1	Flywheel	
	7024579	1	Gear, Ring	
		Ref	Oil Lube System	
	7020465	1	Cap, Oil Fill	
	70024904	1	Dipstick	
	70005941	2	Plug, Oil (Includes Seal)	
	70005172	1	Pump, Oil Lube (Includes O-Ring & Gasket)	
	70024494	1	Oil Cooler	
	7016331	1	Filter, Oil	

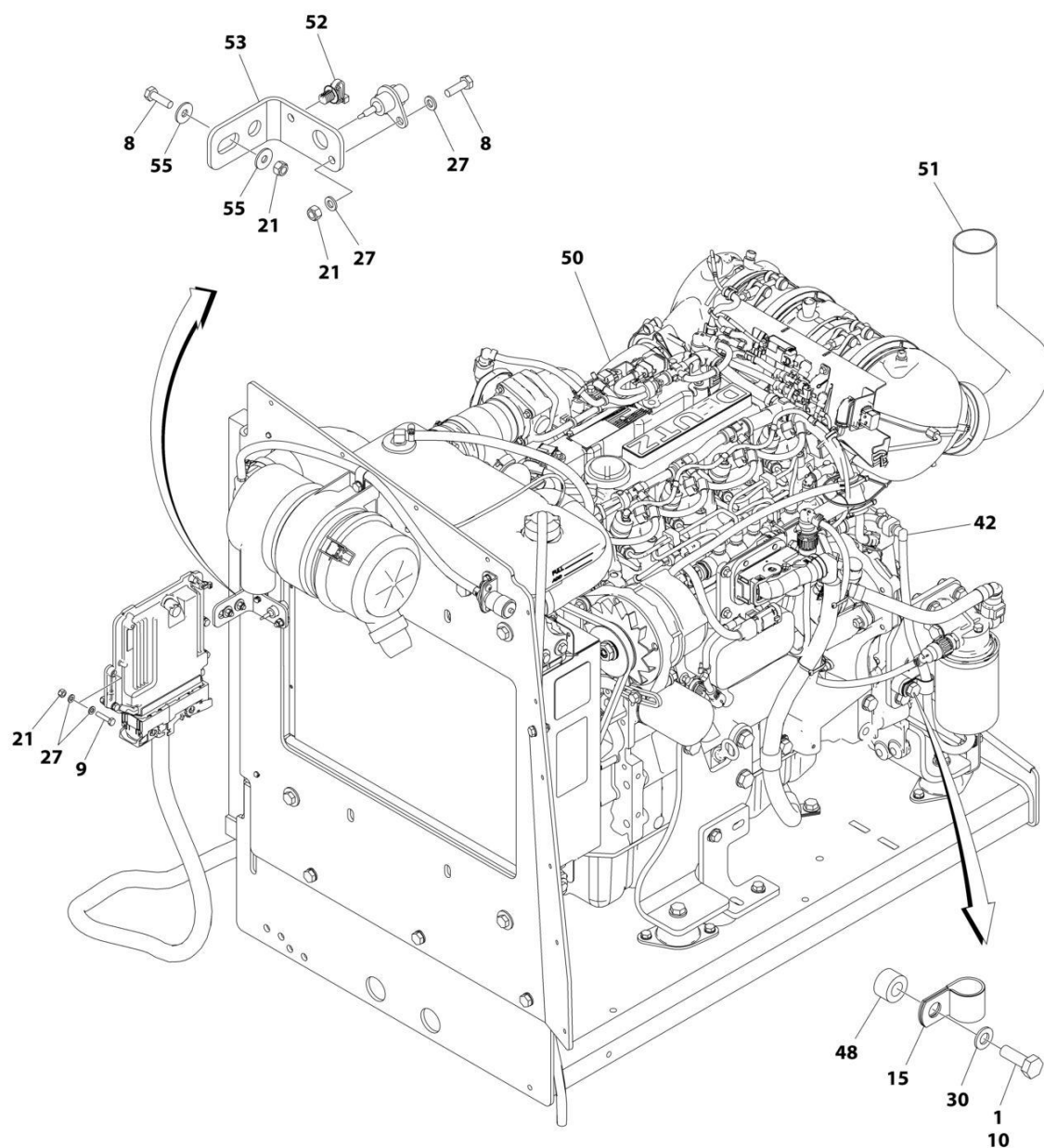
SECTION 3 - ENGINE

FIGURE 3-15. ENGINE INSTALLATION - DEUTZ D2.9L4 ENGINE (STAGE V) (CE & UK CA SPECS)



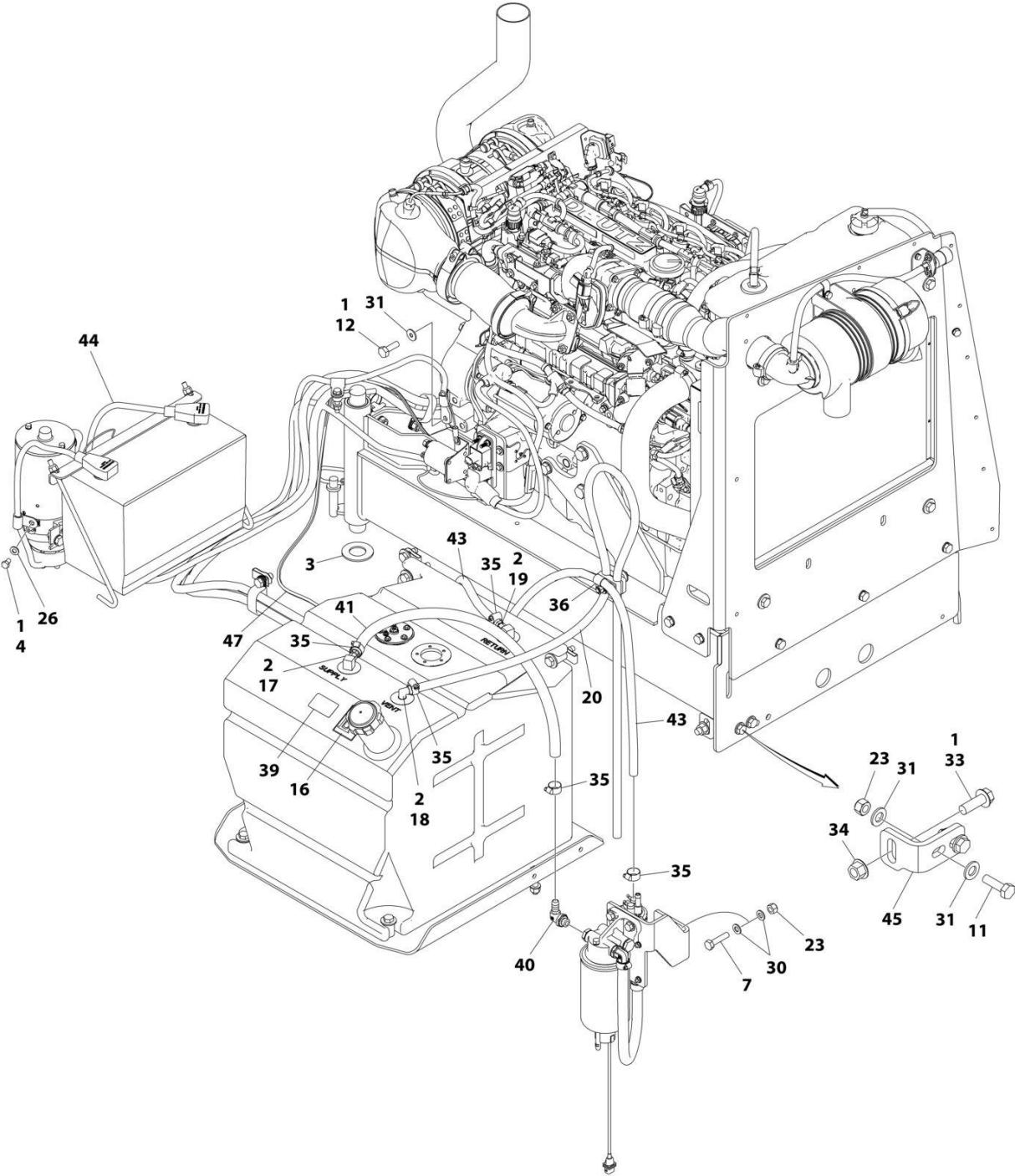
ART_1001244283_1OF3

SECTION 3 - ENGINE



ART_1001244283_20F3

SECTION 3 - ENGINE



ART_1001244283_3OF3

SECTION 3 - ENGINE

FIGURE 3-15. ENGINE INSTALLATION - DEUTZ D2.9L4 ENGINE (STAGE V) (CE & UK CA SPECS)

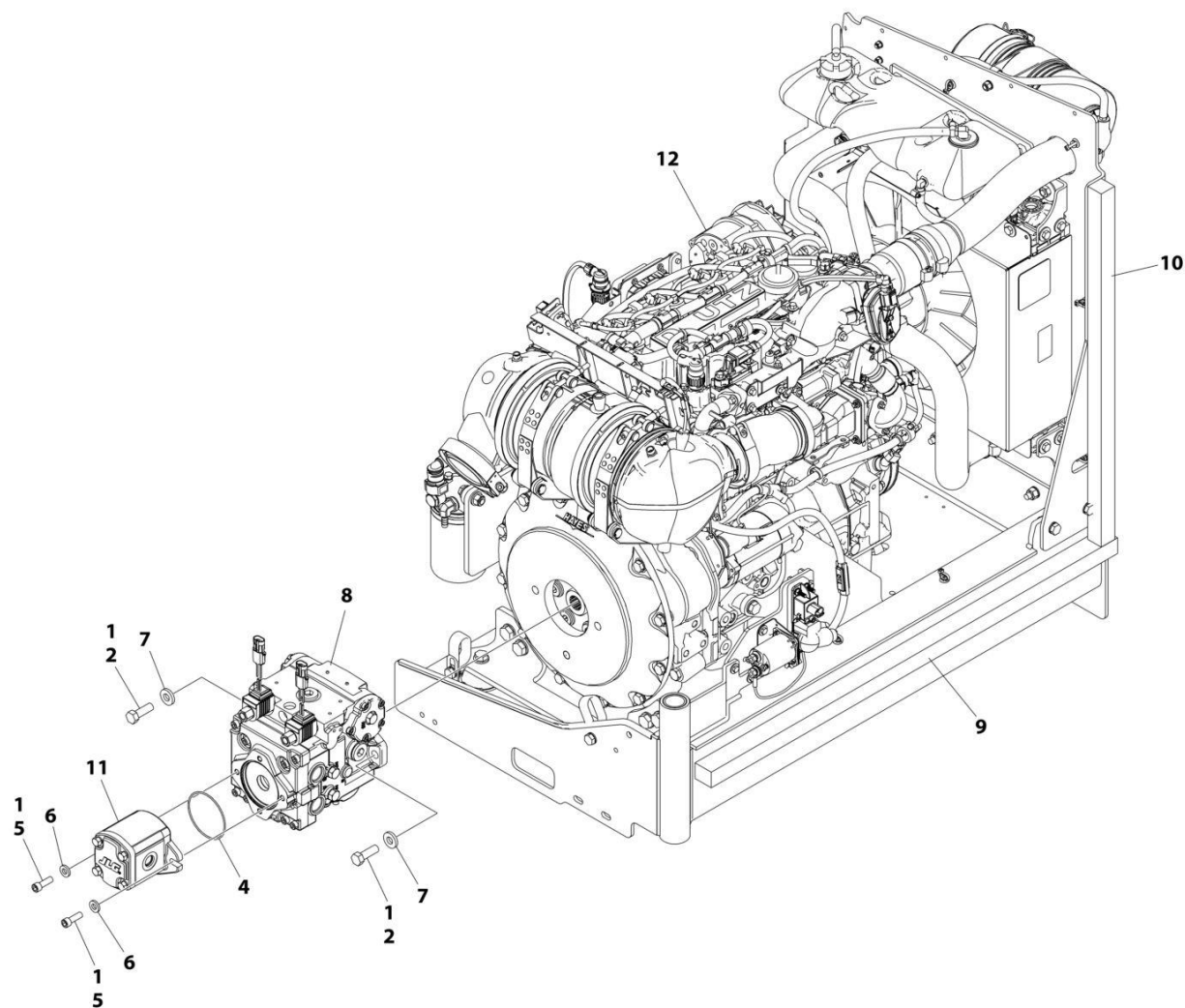
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244283	Ref	ENGINE INSTALLATION - DEUTZ STAGE V ENGINE	G
1	0100011	AR	Compound, Locking	
2	0100020	1	Sealant, Pipe	
3	0440162	1	Bearing	
4	0641504	1	Bolt 5/16 x 1/2	
5	0700817	1	Bolt M8 x 45	
6	0700822	1	Bolt M8 x 70	
7	0701017	2	Bolt M10 x 45	
8	0760610	4	Bolt M6 x 20	
9	0760613	4	Bolt M6 x 28	
10	0761014	4	Bolt M10 x 30	
11	0761015	2	Bolt M10 x 35	
12	0771212	1	Bolt M12 x 25	
13	1320187	1	Clamp	
14	1320190	1	Clamp	
15	1320061	1	Clamp	
16	1701505	1	Decal - Diesel Fuel	
17	2180832	1	Fitting, Barbed	
18	2220313	1	Fitting, Barbed 90 3/8 NPTF / 3/8	
19	2220767	AR	Fitting, Barbed 90	
19	8430007	AR	Fitting, Barbed	
20	2750532	5.5 ft /1.69m	Hose	
21	3290605	8	Nut M6	
22	3290805	2	Nut M8	
23	3291005	7	Nut M10	
24	3422532	1	Pin	
25	3841143	1	Keeper, Pin	
26	4711500	1	Washer, 5/16	
27	4811700	12	Washer, M6	
28	4811900	2	Washer, M8	
29	4811902	1	Washer, M8	
30	4812000	7	Washer, M10	
31	4812100	9	Washer, M12	
32	5240800	2	Washer, M8 Hardened	
33	5251215	1	Bolt M12 x 35	
34	5261200	1	Nut, Flange M12 Class10	
35	8405006	7	Clamp	
36	8406101	1	Clip	
38	1001135196	1	Pin	
39	1001139654	1	Decal, Ultra Low Sulfur Fuel	
40	1001142501	1	Fitting, Barbed 90	
41	1001154405	2.29 ft /0.70m	Hose	
42	1001155823	1	Coupling, Quick Disconnect 90	
43	1001165035	21.06 ft /6.42m	Hose	
44	1001166970	1	Battery and Auxiliary Power Pump Cable Kit	
45	1001167512	1	Bracket, Engine Tray	
46	1001169823	1	Plate, Engine Lock	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
47	1001173342	1	Harness, Fuel Pump (See Separate Breakdown in ELECTRICAL SECTION)	
48	1001220266	1	Bar, Spacer M12 x 12	
50	1001244285	1	Engine Assy, Deutz Stage V W/Pumps (See Separate Breakdown in this Section)	
51	1001245305	1	Pipe, Exhaust	
52	1001146588	2	Strap	
53	1001256879	1	Bracket	
54	1062255	AR	Tie-Strap (Not Shown)	
55	4811702	4	Washer M6	
56	1001156107	1	Holder	

SECTION 3 - ENGINE

FIGURE 3-16. ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2.9L4 ENGINE (STAGE V) (CE & UK CA SPECS)



ART_1001244285

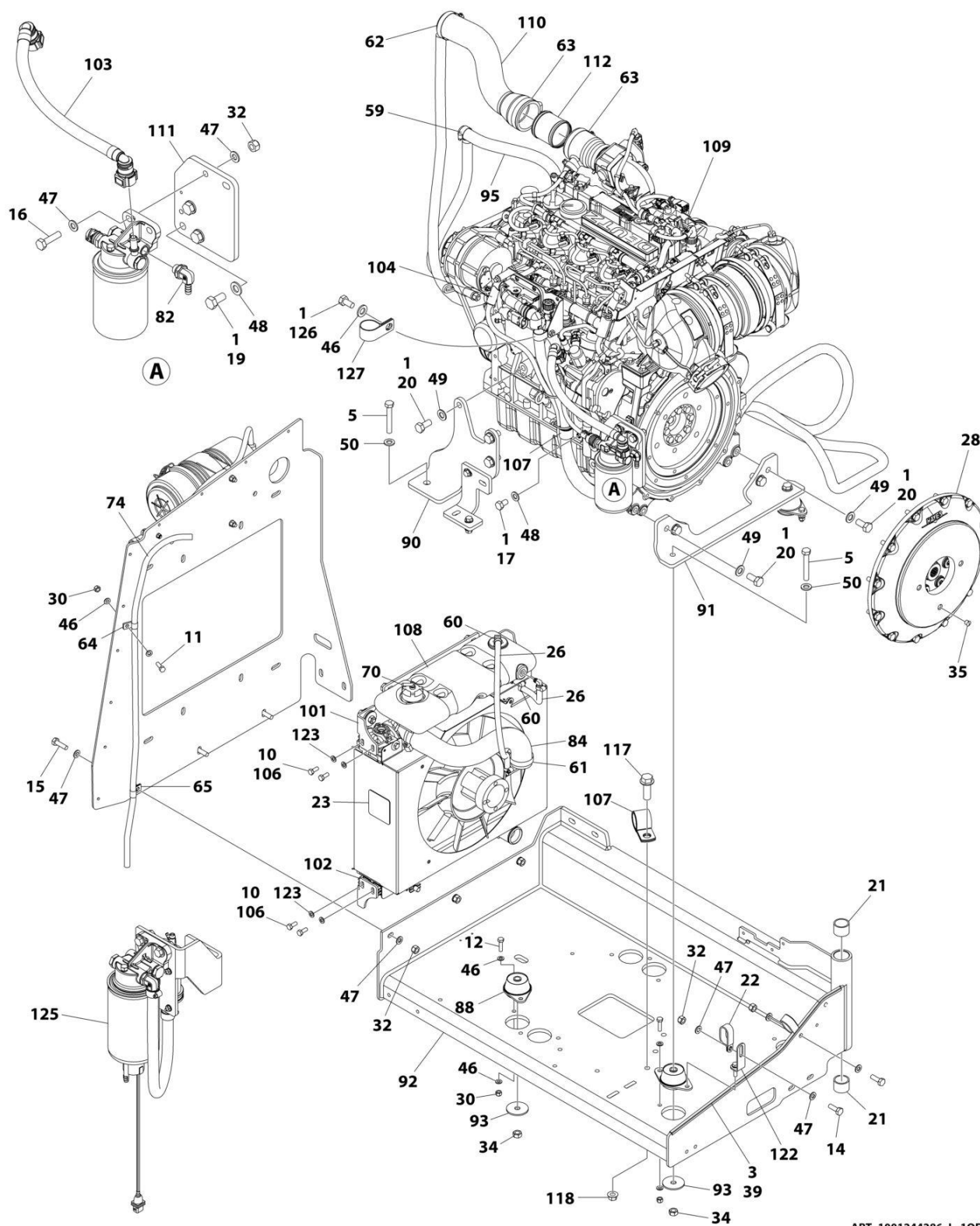
SECTION 3 - ENGINE

FIGURE 3-16. ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2.9L4 ENGINE (STAGE V) (CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244285	Ref	ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ (STAGE V) ENGINE	E
1	0100011	AR	Compound, Locking	
2	0641812	2	Bolt 1/2 x 1-1/2	
4	3790152	1	O-Ring	
5	3931618	2	Capscrew, 3/8 x 1-1/8	
6	4891600	2	Washer, 3/8 Hardened	
7	4891800	2	Washer 1/2 Hardened	
8	1001167036	1	Piston Pump Assembly (See Separate Breakdown in this Section)	
9	1001171953	1	Seal	
10	1001171954	1	Seal	
11	1001214207	1	Gear Pump Assembly	
11	70006356	1	Seal Kit - 1001214207 Pump	
12	1001244286	1	Engine Assembly, Deutz (Stage V) Engine (See Separate Breakdown in this Section)	

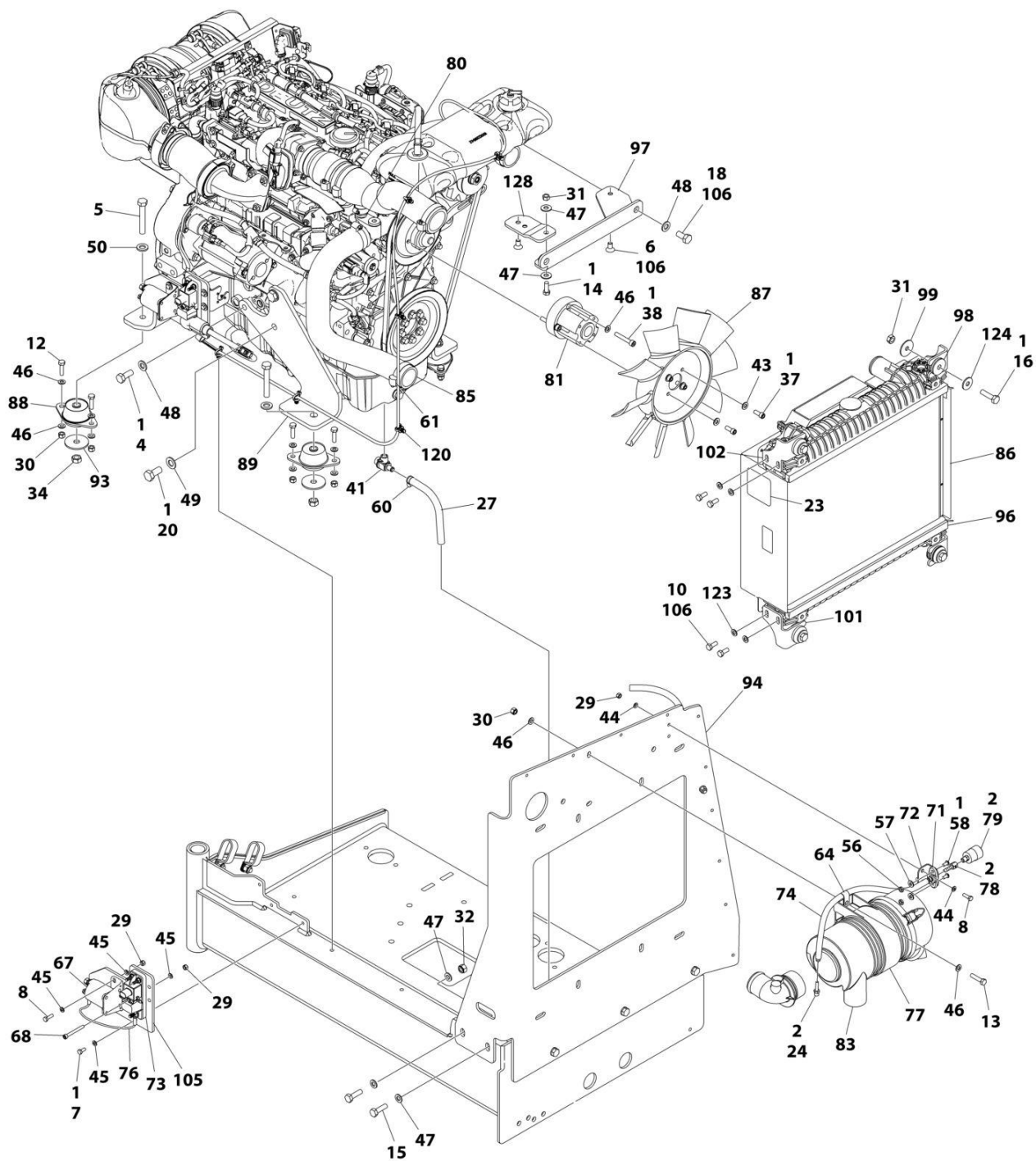
SECTION 3 - ENGINE

FIGURE 3-17. ENGINE ASSEMBLY – DEUTZ D2.9L4 ENGINE (STAGE V) (CE & UK CA SPECS)



ART 1001244286 L 1OF2

SECTION 3 - ENGINE



ART_1001244286_L_2OF2

SECTION 3 - ENGINE

FIGURE 3-17. ENGINE ASSEMBLY – DEUTZ D2.9L4 ENGINE (STAGE V) (CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244286	Ref	ENGINE ASSEMBLY - DEUTZ (STAGE V)	L
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
3	0100081	AR	Adhesive	
4	0711214	1	Bolt M12 x 30	
5	0711224	AR	Bolt M12 x 80	
6	0741606	2	Screw 3/8 x 3/4	
7	0760607	3	Bolt M6 x 14	
8	0760610	4	Bolt M6 x 20	
10	0760810	8	Bolt M8 x 20	
11	0760812	1	Bolt M8 x 25	
12	0760814	AR	Bolt M8 x 30	
13	0760815	2	Bolt M8 x 35	
14	0761014	3	Bolt M10 x 30	
15	0761015	5	Bolt M8 x 35	
16	0761016	6	Bolt M10 x 40	
17	0761210	1	Bolt M12 x 20	
18	0761212	2	Bolt M12 x 25	
19	0771212	3	Bolt M12 x 25	
20	0771414	AR	Bolt M14 x 30	
21	0961951	2	Bushing	
22	1321716	2	Clamp	
23	1703162	2	Decal - Caution Fan	
24	2220315	1	Fitting, Barbed	
26	2720015	1.94 ft /0.59m	Hose	
27	2720340	0.66 ft/ 0.20m	Hose	
28	2902065	1	Pump Coupling Kit (See Separate Breakdown in this Section)	
29	3290605	5	Nut M6	
30	3290805	AR	Nut M8	
31	3291001	5	Nut M10	
32	3291005	9	Nut M10	
34	3331215	AR	Nut M12 x 1.75	
35	3520054	1	Plug	
37	3931512	4	Capscrew, 5/16 x 3/4	
38	4031914	4	Bolt M8 x 50	
39	4060805	2.03 ft /0.62m	Flex-Trim	
40	4240099	AR	Tie-Strap (Not Shown)	
41	4640751	1	Valve, Oil Drain	
43	4711500	4	Washer 5/16	
44	4811700	4	Washer M6	
45	4811702	8	Washer M6	
46	4811900	AR	Washer M8	
47	4812000	20	Washer M10	
48	4812100	7	Washer M12	
49	4812200	AR	Washer M14	
50	5241200	AR	Washer M12	
56	8305401	2	Nut Jam	

SECTION 3 - ENGINE

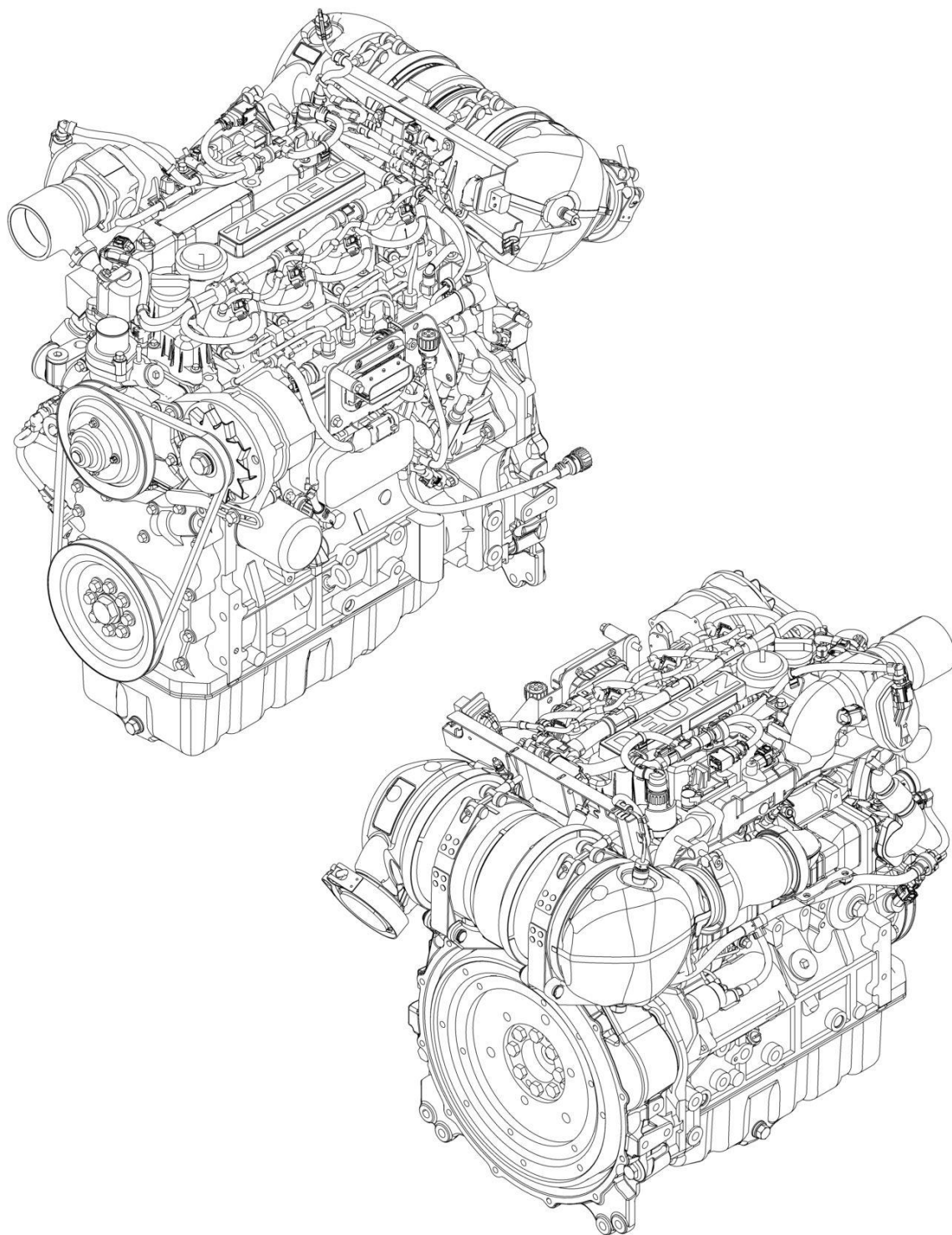
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
57	8307109	2	Washer 1/4	
58	8310548	2	Screw 1/4 x 1/2	
59	8405007	2	Clamp	
60	8405009	5	Clamp	
61	8405104	4	Clamp	
62	8405202	1	Clamp	
63	8405204	2	Clamp	
64	8406109	2	Clip	
65	8406110	1	Clip	
67	1001117308	1	Relay, 200Amp	
68	1001118878	1	Bolt M6 x 55	
70	1001136834	1	Cap, Tank	
71	1001138173	1	Support, Service Indicator	
72	1001138175	1	Bracket, Service Indicator	
73	1001138228	1	Relay, Power Module	
74	1001138248	5.09 ft /1.55m	Tube	
76	1001141304	1	Harness, Glow Plug	
77	1001141694	1	Clamp, Air Cleaner	
78	1001141995	1	Fitting, Barbed	
79	1001143390	1	Indicator	
80	1001143797	1	Fitting, Barbed	
81	1001144116	1	Spacer, Fan	
82	1001152489	1	Fitting, Barbed 90	
83	1001165388	1	Air Cleaner Assembly	
83	70003783	1	Element, Air Cleaner	
84	1001165405	1	Hose, Upper Radiator	
85	1001165406	1	Hose, Lower Radiator	
86	1001165722	1	Radiator	
87	1001165849	1	Fan	
88	1001166718	3	Mount, Motor	
89	1001166921	1	Plate, Engine Mount	
91	1001166924	1	Plate, Engine Mount	
92	1001167520	1	Tray, Engine	
93	1001168018	AR	Washer, Special	
94	1001168026	1	Plate, Radiator Mounting	
95	1001168099	1	Hose	
96	1001168166	2	Seal	
97	1001260420	1	Bracket (note: may require P/N 1001260412)	
98	1001169054	4	Isolator	
99	1001169138	4	Washer, Snubbing	
101	1001169967	2	Bracket	
102	1001170035	2	Bracket	
103	1001177359	1	Hose	
104	1001178788	1	Cable, Alternator	
105	1001179903	1	Bracket	
106	1001180620	AR	Adhesive	
107	1001191620	2	Clamp	
108	1001230635	1	Tank, Surge (Includes Items 62, 70, & 73)	
109	1001232545	1	Engine, Deutz 2.9L4 (Stage V) (See Separate Breakdown in this Section)	
110	1001236780	1	Hose, Air Intake	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
111	1001258804	1	Mount, Fuel Filter	
112	1001238911	1	Pipe, Air Intake	
113	1001245839	1	Harness, Engine (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
117	5251215	1	Bolt M12 x 35	
118	5261200	1	Nut, Flange M12 Class10	
120	1001146588	AR	Tie-Strap (Not Shown)	
122	1001223122	1	Support	
123	4811902	8	Washer M8	
124	4812002	4	Washer M10	
125	1001235949	1	Bracket Assembly (See Separate Breakdown in this Section)	
126	0760808	1	Bolt M8 x 16	
127	8406201	1	Clip	
128	1001260412	1	Bracket	

SECTION 3 - ENGINE

FIGURE 3-18. ENGINE COMPONENTS - DEUTZ D2.9L4 ENGINE (STAGE V) (CE & UK CA SPECS)



ART_1001232545

SECTION 3 - ENGINE

FIGURE 3-18. ENGINE COMPONENTS - DEUTZ D2.9L4 ENGINE (STAGE V) (CE & UK CA SPECS)

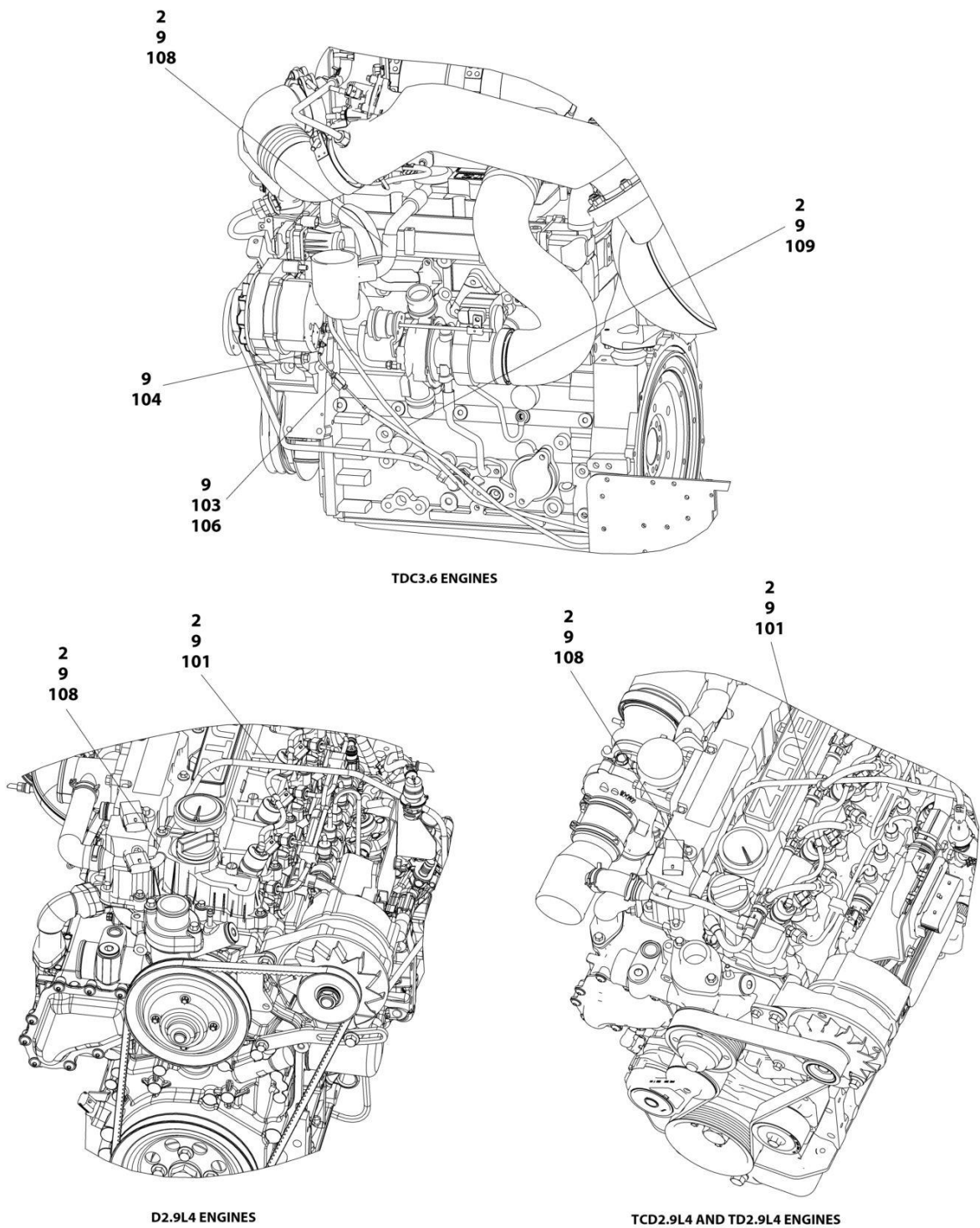
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232545	Ref	DEUTZ ENGINE COMPONENTS	H
		Ref	Note: For complete list of parts, contact JLG Parts Department	
		Ref	Air Intake System Components	
		Ref	Charge Air Pipe	
	70025168	1	Intake Pipe	
		Ref	Mixing Tube	
		Ref	Throttle Valve	
		Ref	Cooling System Components	
	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	
	70007784	1	Alternator	
	70031143	1	Module, Alternator Control	
	70029015	1	Fan, Alternator	
	70029402	1	Nut, Alternator Fan	
	70029403	1	Nut, Alternator Power Stud	
	70029404	1	Washer, Alternator Power Stud Spring	
	70031144	1	Starter (Includes Solenoid)	
	70025099	1	Bolt, Starter Mounting	
	70026210	1	Sender, Tacho-Generator (Speed) (On Rear of Block) (Includes Seal)	
	70024916	1	Sender, Tacho-Generator (Speed) (On Cover) (Includes Seal)	
	70024918	1	Sender, Temperature (Includes Seal) (On Air Intake Manifold)	
		Ref	Sensor, Pressure (Includes Seal) (On Air Intake Manifold)	
	70024504	1	Sensor, Pressure (Includes Seal) (On Fuel Filter & Side of Block)	
	70005504	1	Sensor, Pressure (Includes Seal) (On Exhaust Manifold)	
	70027405	1	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	
	70004281	1	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	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	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	
	70024904	1	Dipstick (Includes Seal)	
		Ref	Mechanical Components	
	70001870	1	Flywheel (includes Gear)	
	70024913	1	V-Belt	
		Ref	Gasket Set - Complete	

SECTION 3 - ENGINE

FIGURE 3-19. BREATHER HEATER INSTALLATION - DEUTZ D2.9L4 ENGINE WITH ARCTIC PACKAGE



ART_1001233763

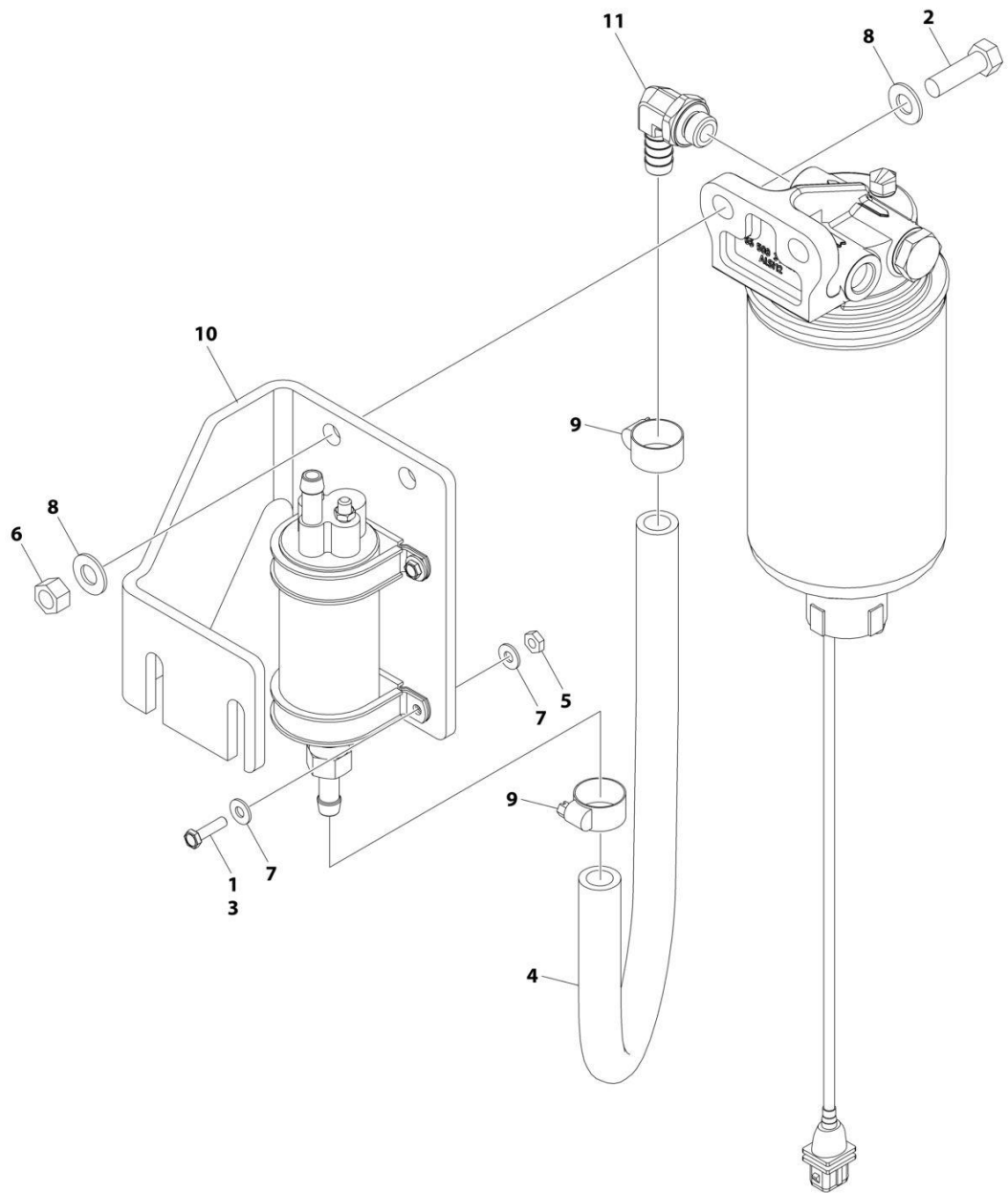
SECTION 3 - ENGINE

FIGURE 3-19. BREATHER HEATER INSTALLATION - DEUTZ D2.9L4 ENGINE WITH ARCTIC PACKAGE

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 3-20. BRACKET ASSEMBLY - FUEL PUMP AND FILTER (DEUTZ D2.9L4 ENGINE)



ART_1001162335

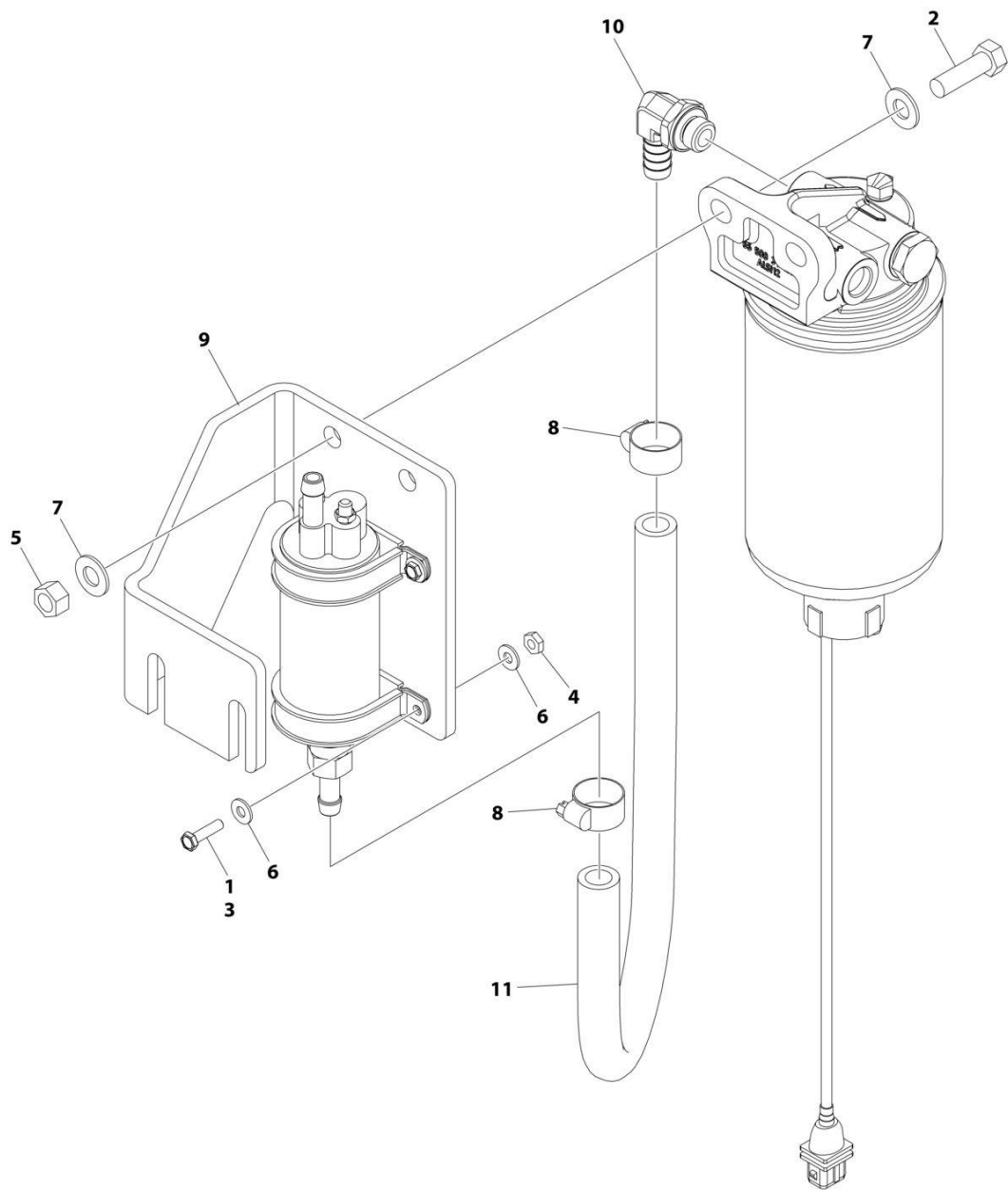
SECTION 3 - ENGINE

FIGURE 3-20. BRACKET ASSEMBLY - FUEL PUMP AND FILTER (DEUTZ D2.9L4 ENGINE)

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 3-21. BRACKET ASSEMBLY - FUEL PUMP AND FILTER (DEUTZ D2.9L4 ENGINE) (STAGE V)



ART_1001235949

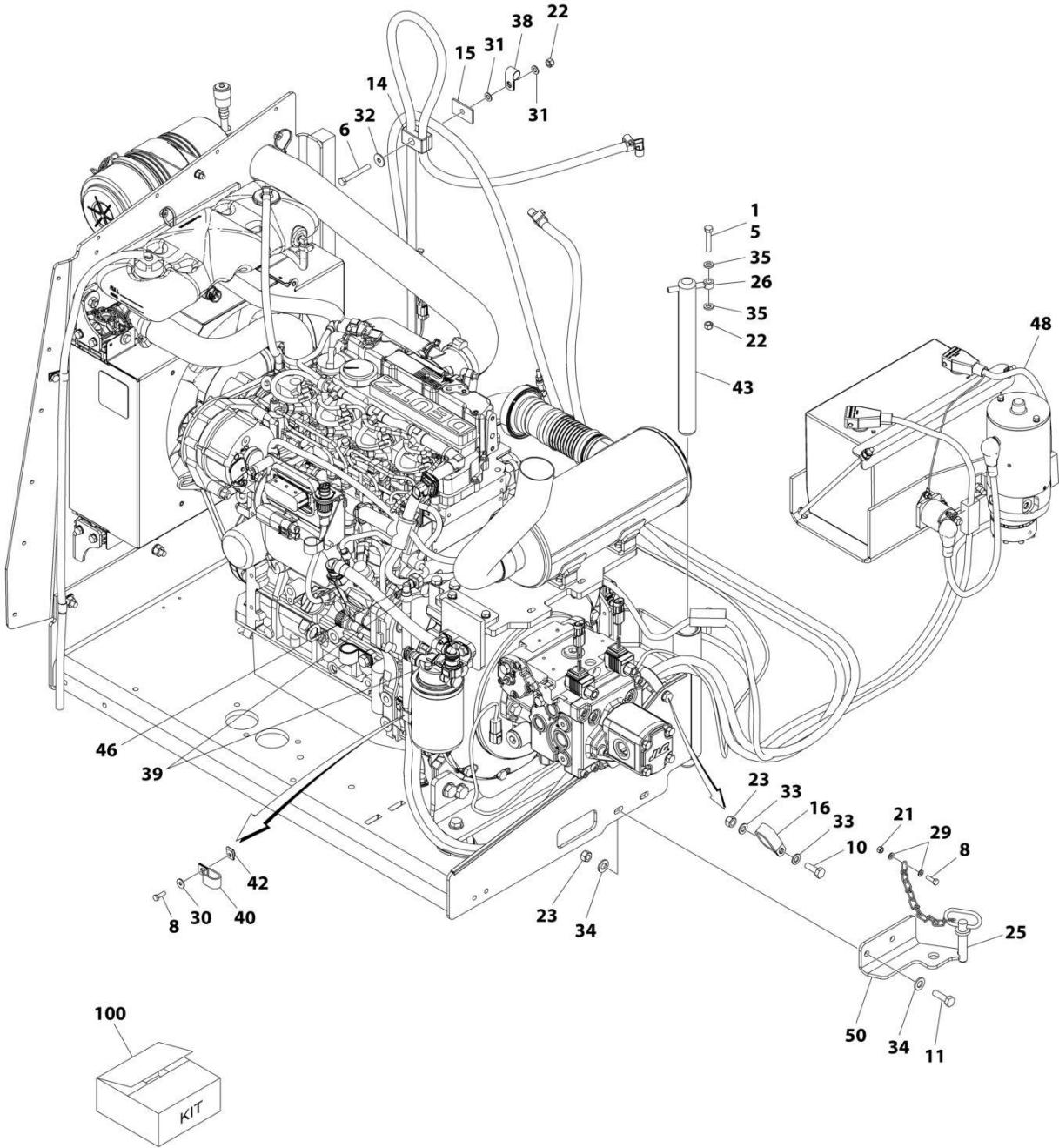
SECTION 3 - ENGINE

FIGURE 3-21. BRACKET ASSEMBLY - FUEL PUMP AND FILTER (DEUTZ D2.9L4 ENGINE) (STAGE V)

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

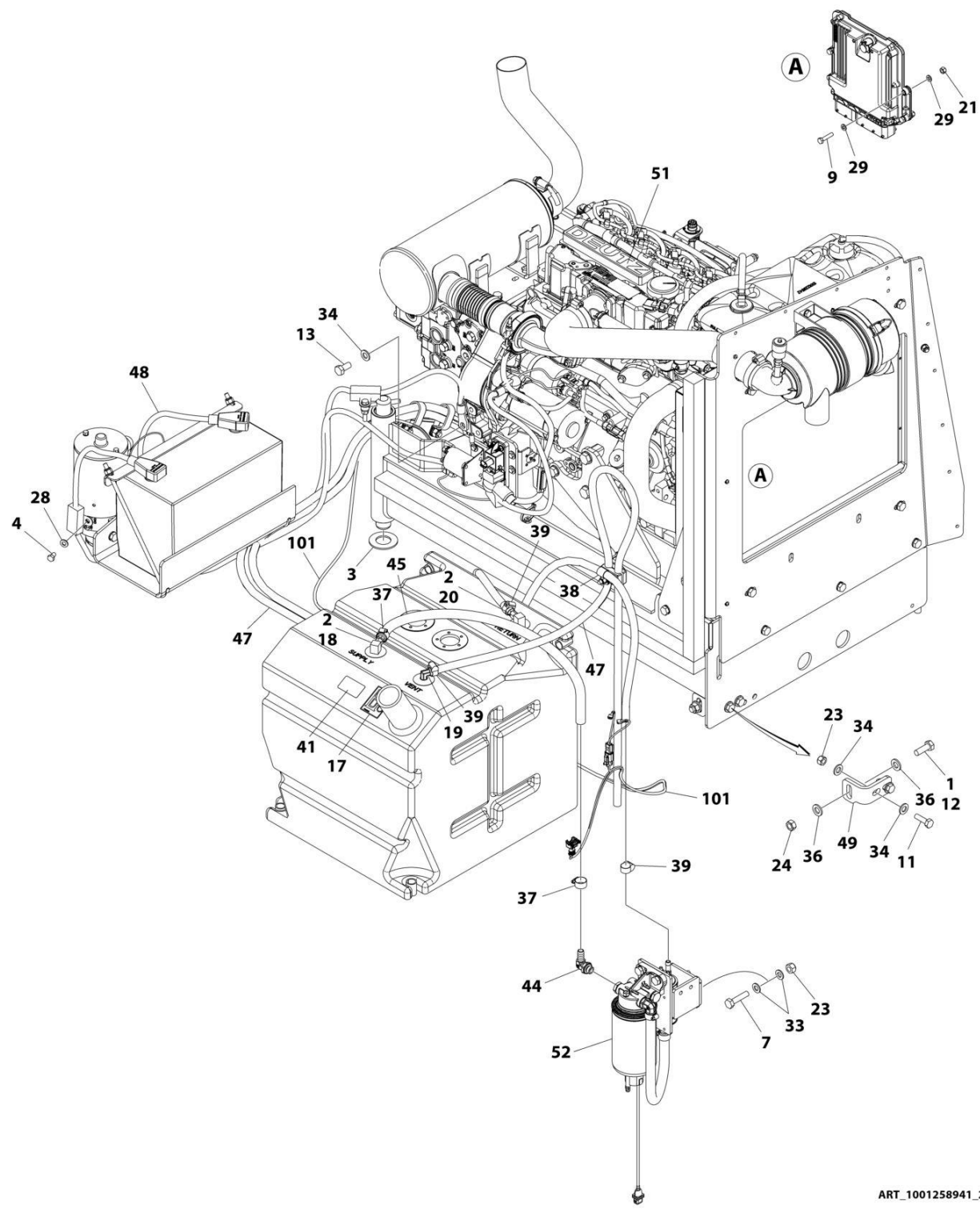
FIGURE 3-22. ENGINE INSTALLATION - DEUTZ D2.9L4 ENGINE (CHINA IV)



ART_1001258941_1OF2

SECTION 3 - ENGINE

FIGURE 3-23. ENGINE INSTALLATION - DEUTZ D2.9L4 ENGINE (CHINA IV)



ART_1001258941_20F2

SECTION 3 - ENGINE

FIGURE 3-23. ENGINE INSTALLATION - DEUTZ D2.9L4 ENGINE (CHINA IV)

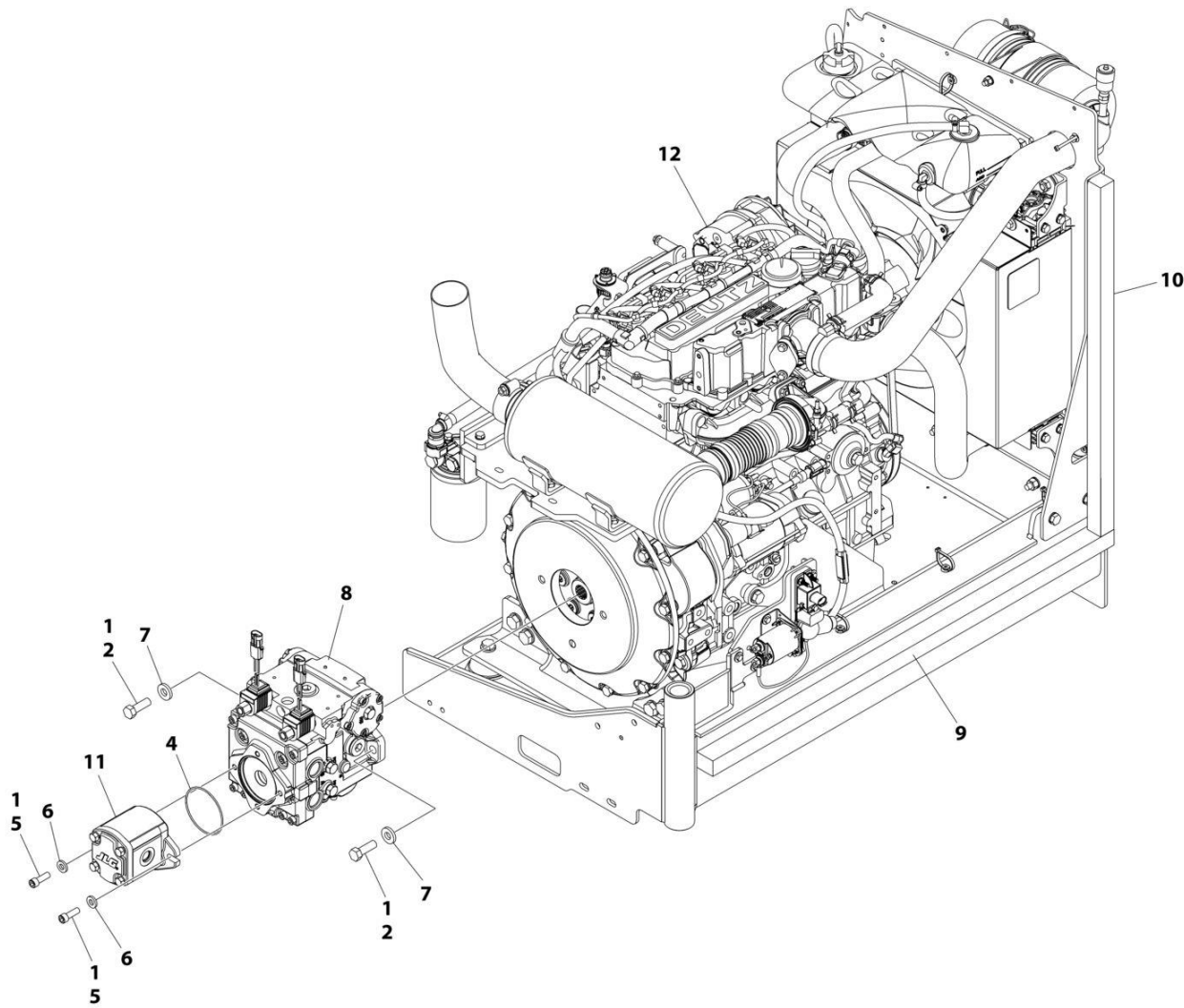
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258941	Ref	DEUTZ D2.9L4 ENGINE INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
3	0440162	1	Bearing	
4	0641504	1	Bolt 5/16 x 1/2	
5	0700817	1	Bolt M8 x 45	
6	0700821	1	Bolt M8 x 65	
7	0701017	2	Bolt M10 x 45	
8	0760610	2	Bolt M6 x 20	
9	0760613	4	Bolt M6 x 28	
10	0761014	2	Bolt M10 x 30	
11	0761015	4	Bolt M10 x 35	
12	0761215	1	Bolt M12 x 35	
13	0771212	1	Bolt M12 x 25 Class 10.9	
14	1320187	1	Clamp	
15	1320190	1	Clamp	
16	1321716	2	Clamp	
17	1701505	1	Decal - Diesel Fuel	
18	2180832	1	Fitting, Barbed	
19	2220313	1	Fitting, Barded 90 3/8 NPTF / 3/8	
20	2220767	1	Fitting, Barbed 90	
21	3290605	5	Nut, Lock M8	
22	3290805	2	Nut, Lock M8	
23	3291005	8	Nut, Lock M10	
24	3331215	1	Nut, Lock M12	
25	3422532	1	Pin	
26	3841143	1	Keeper, Pin	
27	4240099	AR	Tie-Strap (Not Shown)	
28	4711500	1	Washer 5/16	
29	4811700	10	Washer M6	
30	4811702	1	Washer M6	
31	4811900	2	Washer M8	
32	4811902	1	Washer M8	
33	4812000	8	Washer M10	
34	4812100	9	Washer M12	
35	5240800	2	Washer M8 Hardened	
36	5241200	2	Washer M12	
37	8405006	2	Clamp	
38	8406101	1	Clip	
39	8410013	5	Clamp	
40	1001026127	1	Clamp	
41	1001125387	1	Decal - Ultra Low Sulfur	
42	1001130220	1	Nut, Tinnerman M6	
43	1001135196	1	Pin	
44	1001142501	1	Fitting, Barbed 90	
45	1001154405	2.29 ft / 0.70m	Hose	
46	1001155823	1	Coupling, Quick Disconnect 90	
47	1001165035	27 ft / 8.3 cm	Hose	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
48	1001166970	1	Battery and Auxiliary Power Pump Cable Kit	
49	1001167512	1	Bracket, Engine Tray	
50	1001169823	1	Plate, Engine Lock	
51	1001258942	1	Deutz D2.9L4 (China IV) Engine Sub-Assembly (See Separate Breakdown in this Section)	
52	1001259087	1	Fuel Pump & Filter Assembly (See Separate Breakdown in this Section)	
100	1001222660	1	Deutz Fuel Pump Harness Kit (Includes Items 101-103)	
101	1001173342	1	Harness, Fuel Pump (See Separate Breakdown in ELECTRICAL Section)	
103	4460042	1	Terminal (Not Shown)	

SECTION 3 - ENGINE

FIGURE 3-24. ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2.9L4 ENGINE (CHINA IV)



ART_1001258942

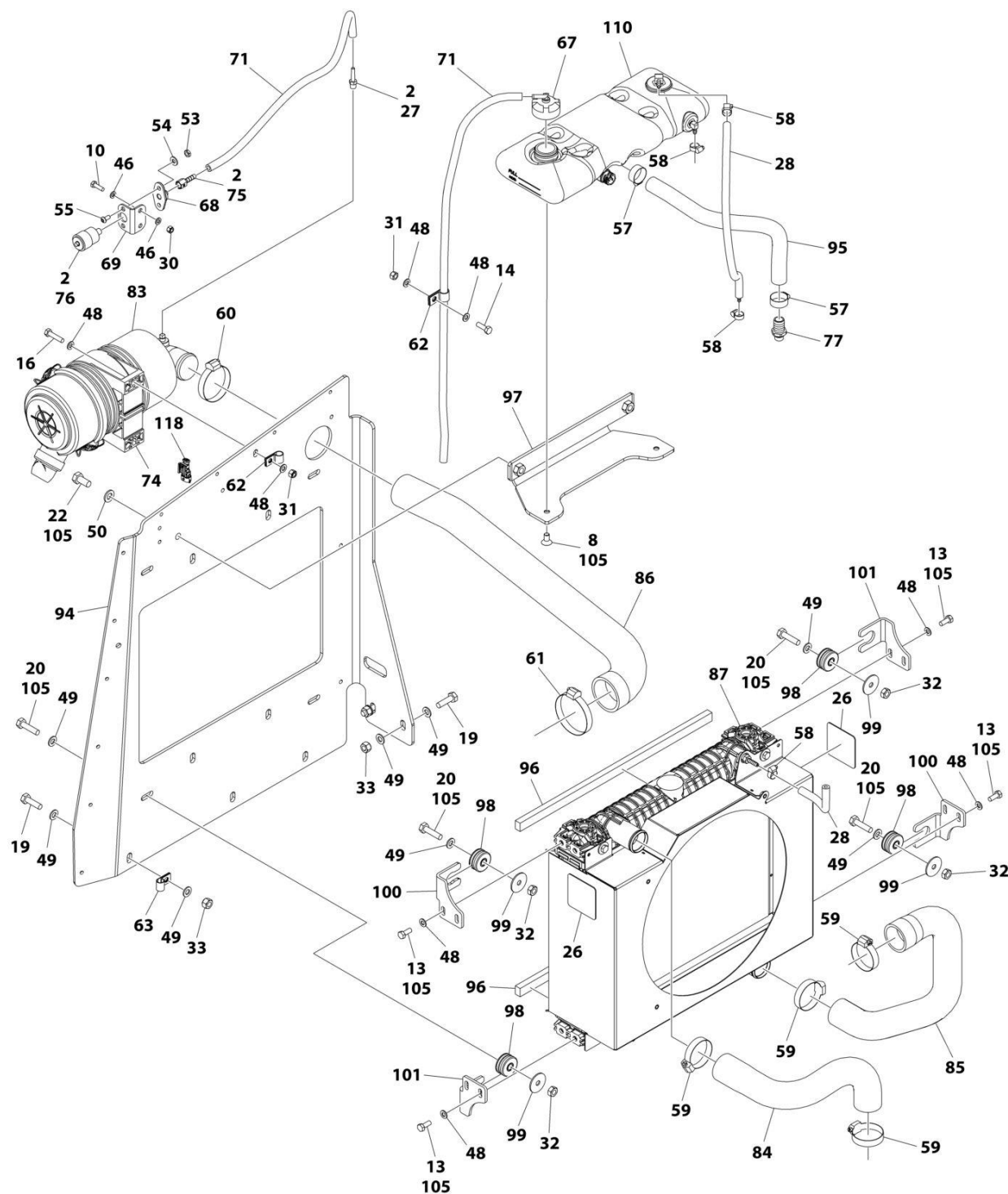
SECTION 3 - ENGINE

FIGURE 3-24. ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2.9L4 ENGINE (CHINA IV)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258942	Ref	ENGINE AND PUMP SUB-ASSEMBLY	G
1	0100011	AR	Compound, Locking	
2	0641812	2	Bolt 1/2 x 1-1/2	
4	3790152	1	O-Ring	
5	3931618	2	Capscrew 3/8 x 1-1/8	
6	4891600	2	Washer 3/8 Hardened	
7	4891800	2	Washer 1/2 Hardened	
8	1001167036	1	Piston Pump Assembly (See Separate Breakdown in this Section)	
9	1001171953	1	Seal	
10	1001171954	1	Seal	
11	1001214207	1	Gear Pump Assembly	
11	70006356	1	Seal Kit - 1001214207 Pump	
12	1001258943	1	Engine Assembly, Deutz (China IV) Engine (See Separate Breakdown in this Section)	

SECTION 3 - ENGINE

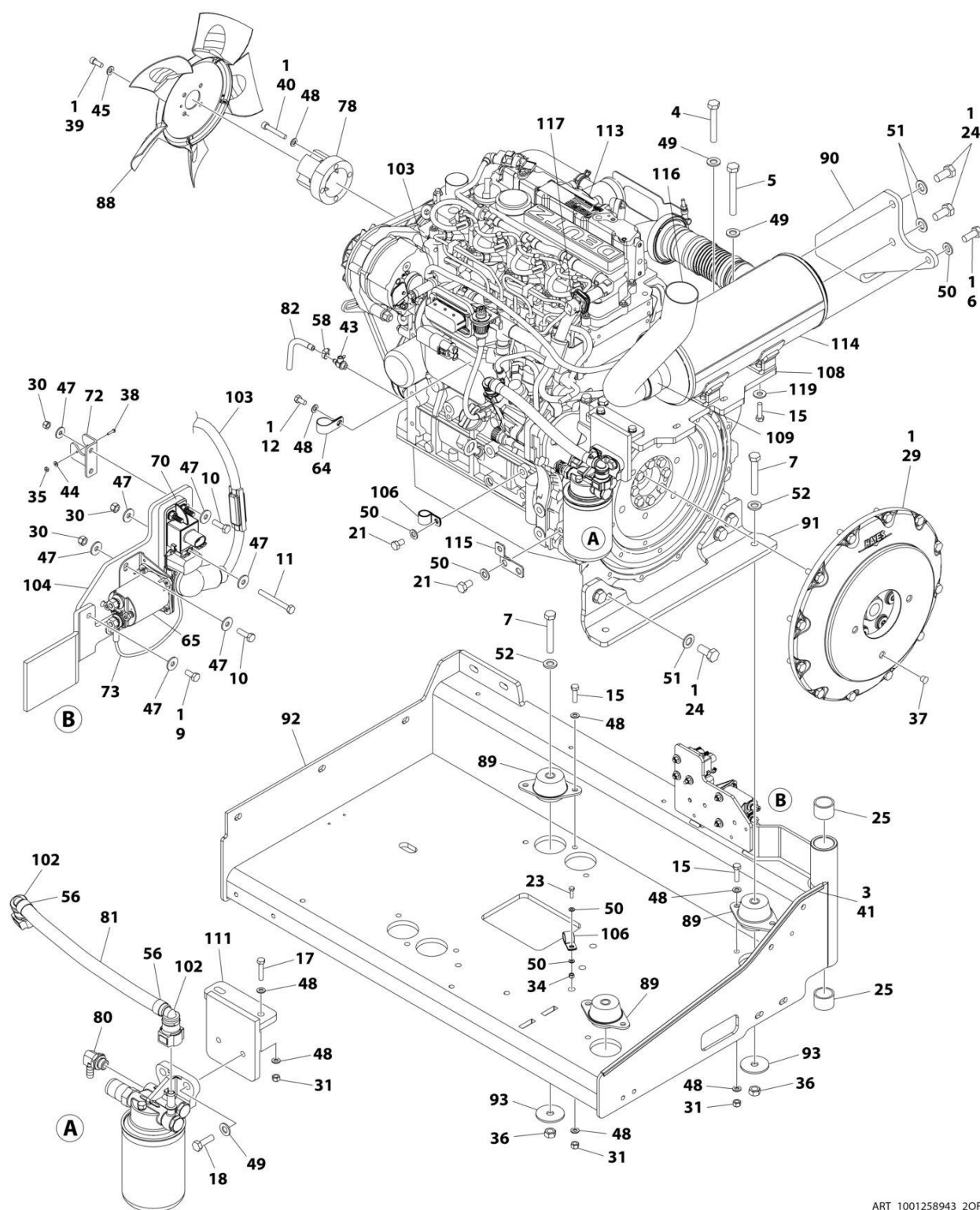
FIGURE 3-25. DEUTZ D2.9L4 ENGINE ASSEMBLY (CHINA IV)



ART_1001258943_10F2

SECTION 3 - ENGINE

FIGURE 3-26. DEUTZ D2.9L4 ENGINE ASSEMBLY (CHINA IV)



ART_1001258943_20F2

SECTION 3 - ENGINE

FIGURE 3-26. DEUTZ D2.9L4 ENGINE ASSEMBLY (CHINA IV)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258943	Ref	DEUTZ D2.9L4 ENGINE ASSEMBLY	E
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant	
3	0100081	AR	Compound, Locking	
4	0701022	2	Bolt M10 x 70	
5	0701025	2	Bolt M10 x 85	
6	0711214	1	Bolt M12 x 30 Class 10.9	
7	0711224	3	Bolt M12 x 80 Class 10.9	
8	0741606	2	Screw 3/8 x 3/4	
9	0760607	3	Bolt M6 x 14	
10	0760610	6	Bolt M6 x 20	
11	0760619	1	Bolt M6 x 55	
12	0760808	1	Bolt M8 x 16	
13	0760810	8	Bolt M8 x 20	
14	0760812	1	Bolt M8 x 25	
15	0760814	10	Bolt M8 x 30	
16	0760815	2	Bolt M8 x 35	
17	0760816	2	Bolt M8 x 40	
18	0761012	2	Bolt M10 x 25	
19	0761015	5	Bolt M10 x 35	
20	0761016	4	Bolt M10 x 40	
21	0761210	3	Bolt M12 x 20	
22	0761212	2	Bolt M12 x 25	
23	0761216	1	Bolt M12 x 40	
24	0771414	6	Bolt M14 x 30 Class 10.9	
25	0961951	2	Bushing	
26	1703162	2	Decal - Fan Blade	
27	2220315	1	Fitting, Straight Barbed	
28	2720015	26 in/ 65cm	Hose	
29	2902065	1	Pump Coupling Kit (See Separate Breakdown in this Section)	
30	3290605	7	Nut, Lock M6	
31	3290805	11	Nut, Lock M8	
32	3291001	4	Nut M10	
33	3291005	5	Nut, Lock M10	
34	3291205	1	Nut, Lock M12	
35	3310401	3	Nut #4	
36	3331215	3	Nut, Lock M12 Class 10	
37	3520054	1	Plug	
38	3910408	3	Bolt #4 x 1/2	
39	3931512	4	Capscrew 5/16 x 3/4	
40	4031914	4	Capscrew M8 x 50	
41	4060805	2 ft/ 0.62m	Trim	
42	4240099	AR	Tie-Strap (Not Shown)	
43	4640751	1	Valve, Oil Drain	
44	4710400	3	Washer #4	
45	4711500	4	Washer 5/16	
46	4811700	4	Washer M6	
47	4811702	12	Washer M6	

SECTION 3 - ENGINE

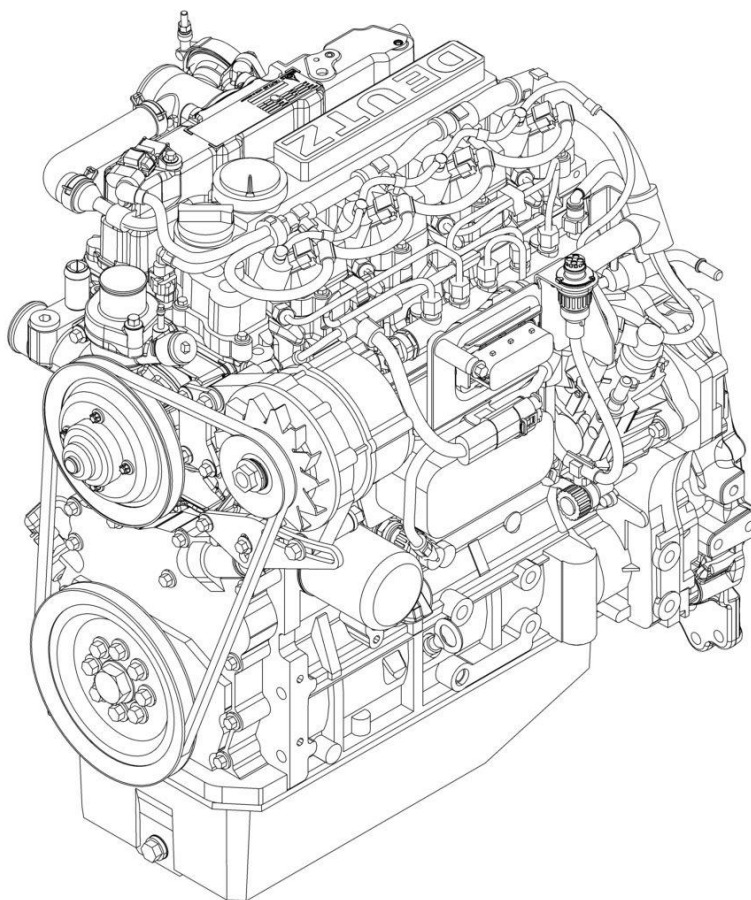
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
48	4811900	35	Washer M8	
49	4812000	20	Washer M10	
50	4812100	8	Washer M12	
51	4812200	6	Washer M14	
52	5241200	3	Washer M12	
53	8305401	2	Nut, Jam 1/4	
54	8307109	2	Washer 1/4	
55	8310548	2	Bolt 1/4 x 1/2	
56	8405006	2	Clamp	
57	8405007	2	Clamp	
58	8405009	5	Clamp	
59	8405104	4	Clamp	
60	8405202	1	Clamp	
61	8405204	1	Clamp	
62	8406109	2	Clip	
63	8406110	1	Clip	
64	8406201	1	Clip	
65	1001117308	1	Contactor	
67	1001136834	1	Cap, Tank	
68	1001138173	1	Bracket	
69	1001138175	1	Bracket	
70	1001138228	1	Relay	
71	1001138248	5.2 ft / 1.6m	Tube	
72	1001139240	1	Bracket	
73	1001141304	1	Harness, Glow Fuse	
74	1001141694	1	Clamp	
75	1001141995	1	Fitting, Straight Barbed	
76	1001143390	1	Indicator, Air Filter Service	
77	1001143797	1	Fitting, Straight Barbed	
78	1001286568	1	Adapter	
79	1001146588	AR	Fir Tree (Not Shown)	
80	1001152489	1	Fitting, 90 Barbed	
81	1001154405	10 in/ 25cm	Hose	
82	1001165035	8 in/ 20cm	Hose	
83	1001165388	1	Filter, Air Cleaner	
83	70003783	1	Element, Filter	
84	1001165405	1	Hose, Radiator (Top)	
85	1001165406	1	Hose, Radiator (Bottom)	
86	1001165721	1	Hose	
87	1001287643	1	Radiator	
88	1001288266	1	Fan	
89	1001166718	3	Isolator	
90	1001166921	1	Bracket, Engine - Right	
91	1001166924	1	Bracket, Engine - Rear	
92	1001167520	1	Tray, Engine	
93	1001168018	3	Washer	
94	1001168026	1	Support, Radiator	
95	1001168099	1	Hose	
96	1001168166	2	Seal	
97	1001168950	1	Bracket, Surge Tank	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
98	1001169054	4	Isolator	
99	1001169138	4	Pad, Snubbing	
100	1001169967	2	Bracket	
101	1001170035	2	Bracket	
102	1001170982	2	Adapter	
103	1001178788	1	Cable, Alternator Power	
104	1001179903	1	Bracket	
105	1001180620	AR	Compound, Locking	
106	1001191620	2	Clamp	
108	1001221203	1	Bracket, Muffler	
109	1001221212	1	Clamp	
110	1001230635	1	Tank, Surge	
110	1001134488	1	Fitting, 90 Barbed	
110	1001138827	1	Sensor, Coolant Level	
110	1001140564	1	Fitting, 90 Barbed	
111	1001288366	1	Bracket, Fuel Filter	
112	1001276643	1	Engine Harness - Deutz D2.9L4 (China IV) (Not Shown) (See Separate Breakdown in ELECTRICAL Section)	
113	1001258112	1	Deutz D2.9L4 (China IV) Engine (See Separate Breakdown in ELECTRICAL Section)	
114	1001280270	1	Muffler	
115	1001258502	1	Bracket	
116	1001260576	1	Pipe, Exhaust	
117	1001281985	1	Connector	
118	1001281986	1	Connector	
119	4811902	4	Washer M8	

SECTION 3 - ENGINE

FIGURE 3-27. DUETZ D2.9L4 ENGINE COMPONENTS (CHINA IV)



ART_1001258112

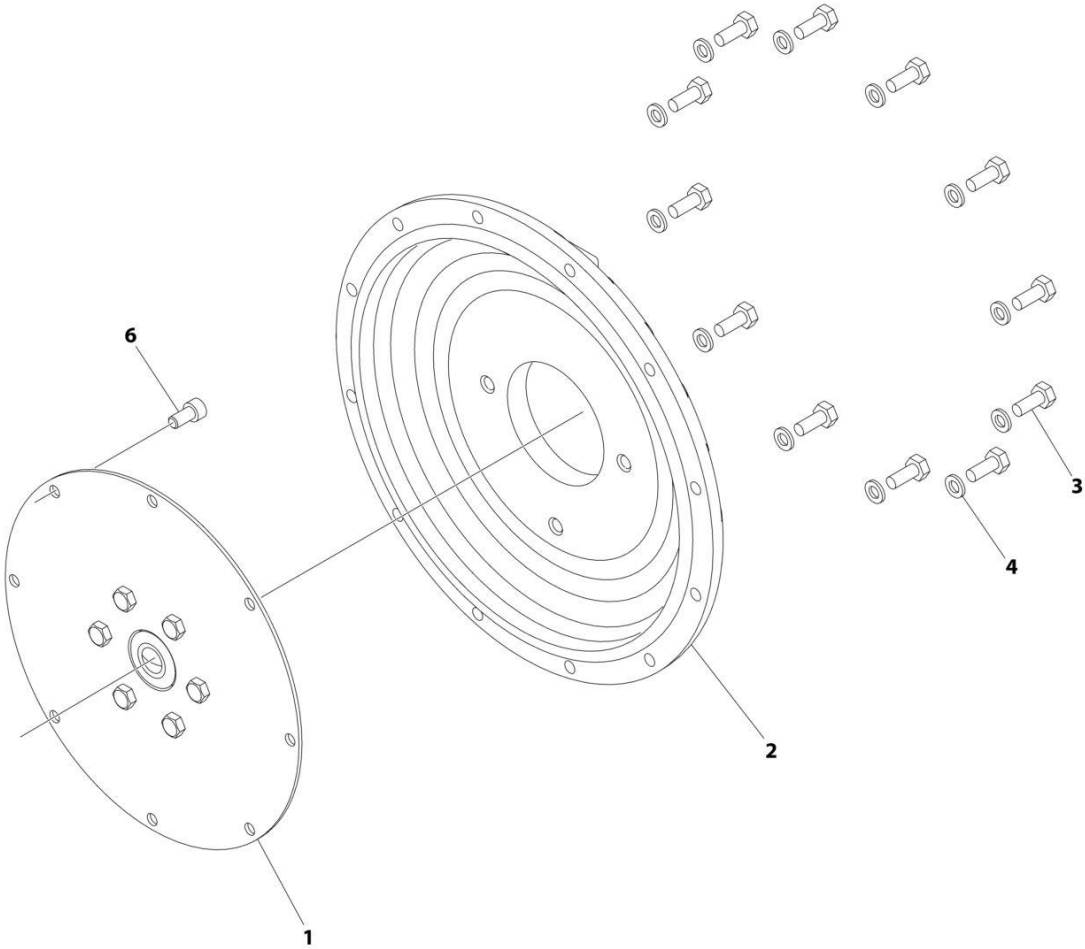
SECTION 3 - ENGINE

FIGURE 3-27. DUETZ D2.9L4 ENGINE COMPONENTS (CHINA IV)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258112	Ref	DEUTZ D2.9L4 ENGINE COMPONENTS	B
	See Note	Ref	Note: No Service Parts Available at Time of Printing.	

SECTION 3 - ENGINE

FIGURE 3-28. PUMP COUPLING KIT (DEUTZ ENGINES)



ART_2902065

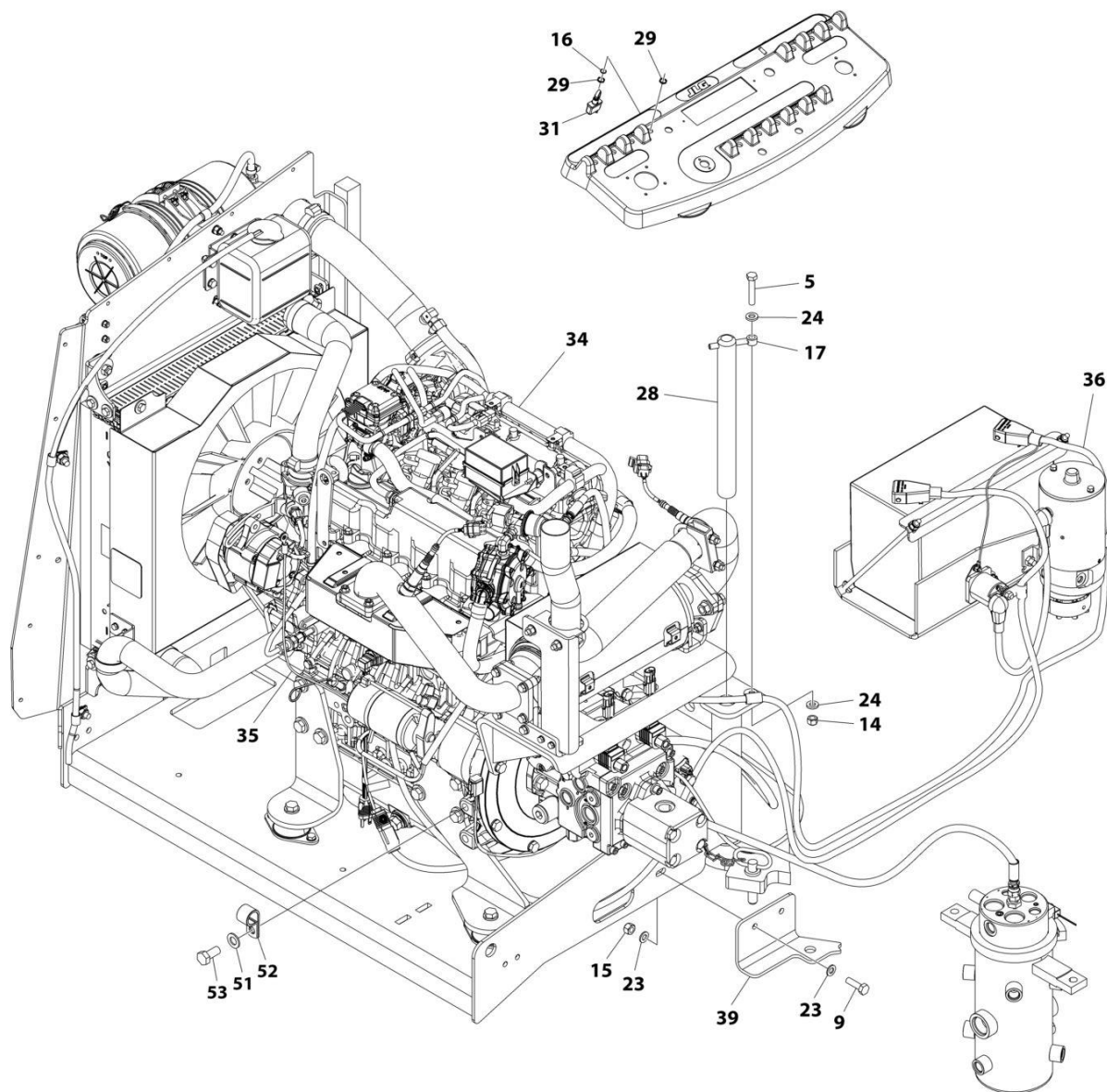
SECTION 3 - ENGINE

FIGURE 3-28. PUMP COUPLING KIT (DEUTZ ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2902065	Ref	PUMP COUPLING KIT	L
1	70000793	1	Coupling, Hayes	
2	See Note	NSS	Plate, Pump Adapter (Note: Use p/n 2902065)	
3	See Note	NSS	Bolt M10 x 30 Grade 10.9 (Note: Use p/n 2902065)	
4	See Note	NSS	Washer M10 (Note: Use p/n 2902065)	
6	See Note	NSS	Bolt M10 x 20 Grade 10.9 (Note: Use p/n 2902065)	

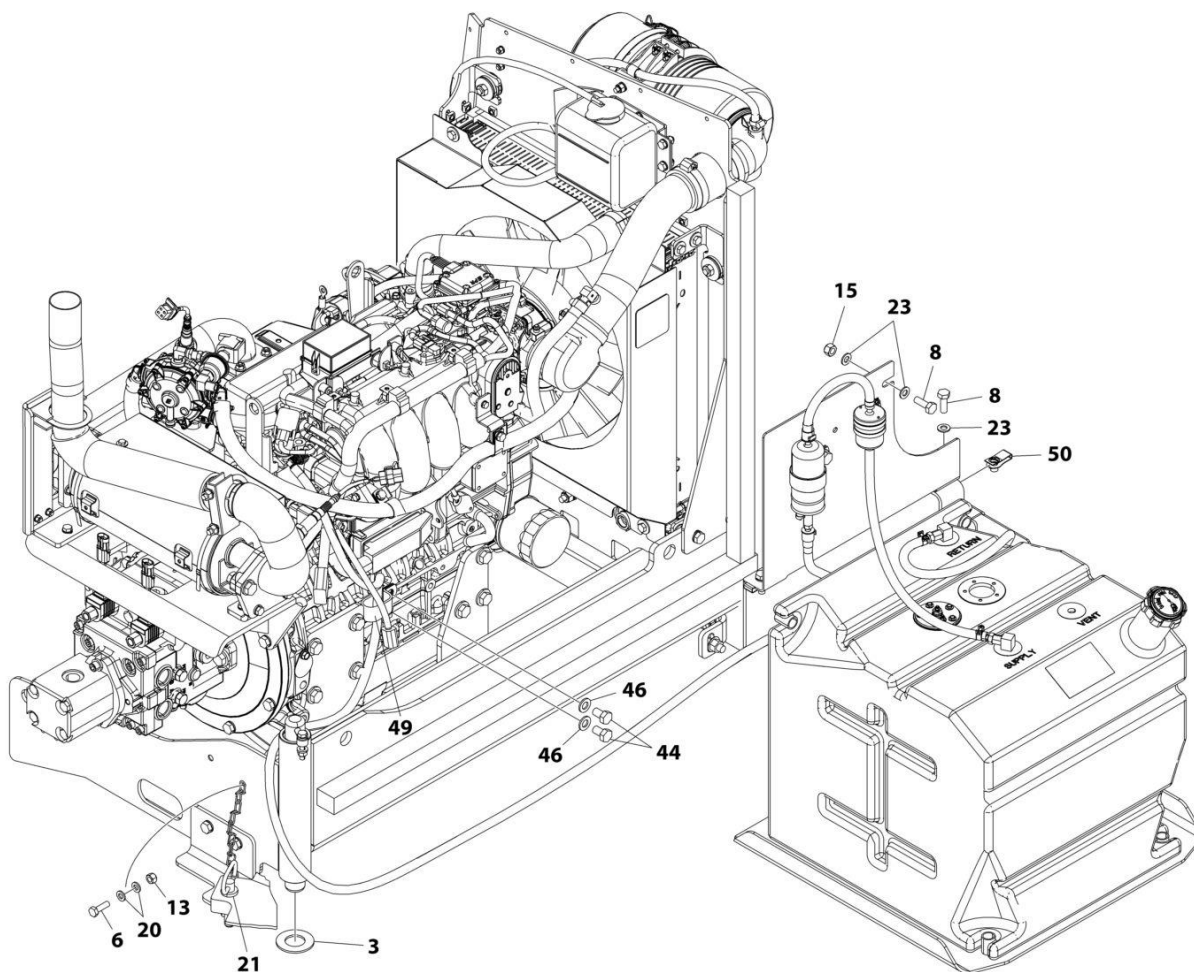
SECTION 3 - ENGINE

FIGURE 3-29. ENGINE INSTALLATION - KUBOTA ENGINE (WITHOUT ARCTIC PACKAGE)



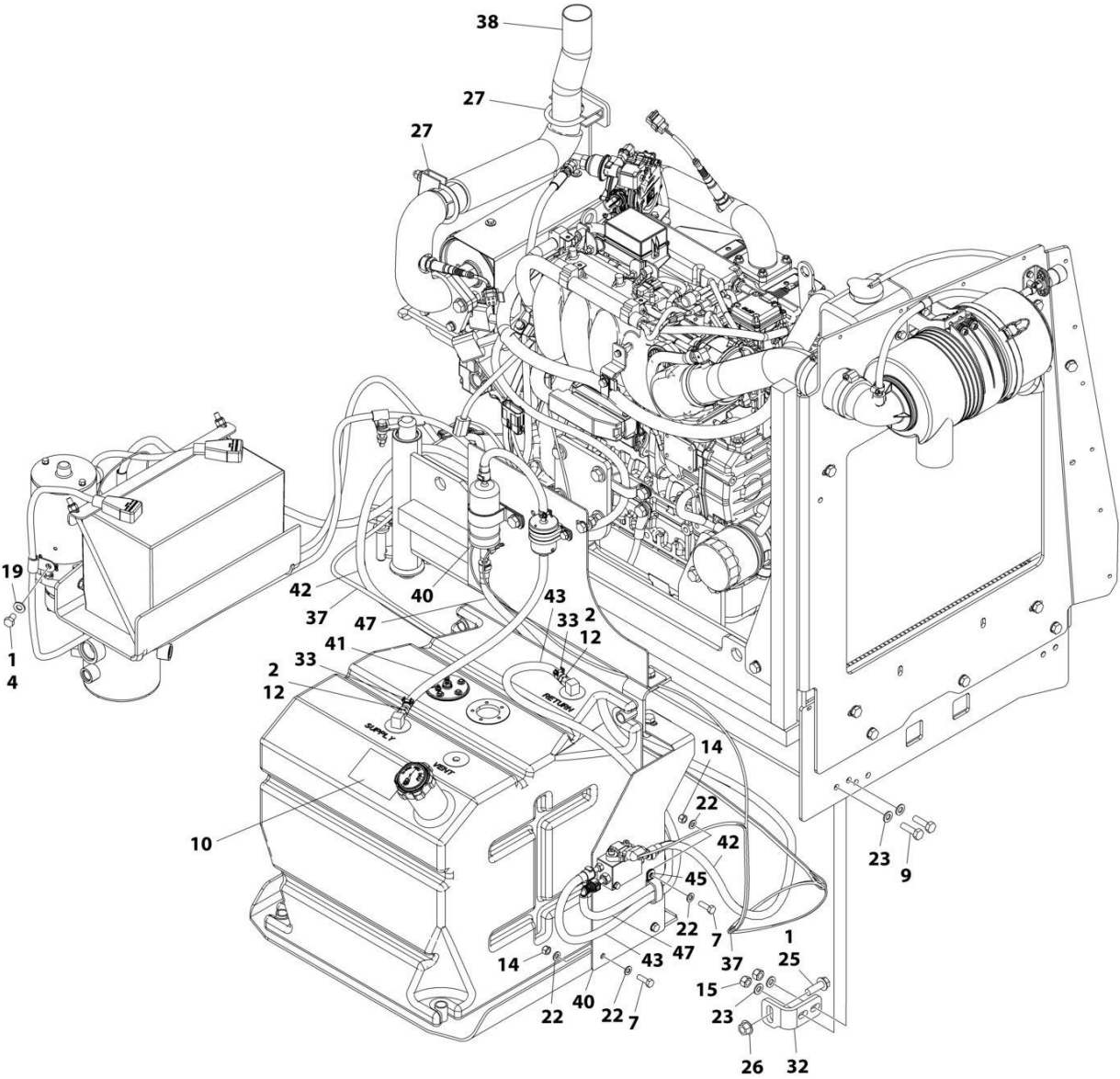
ART_1001236250_10F3

SECTION 3 - ENGINE



ART_1001236250_2OF3

SECTION 3 - ENGINE



ART_1001236250_3OF3

SECTION 3 - ENGINE

FIGURE 3-29. ENGINE INSTALLATION - KUBOTA ENGINE (WITHOUT ARCTIC PACKAGE)

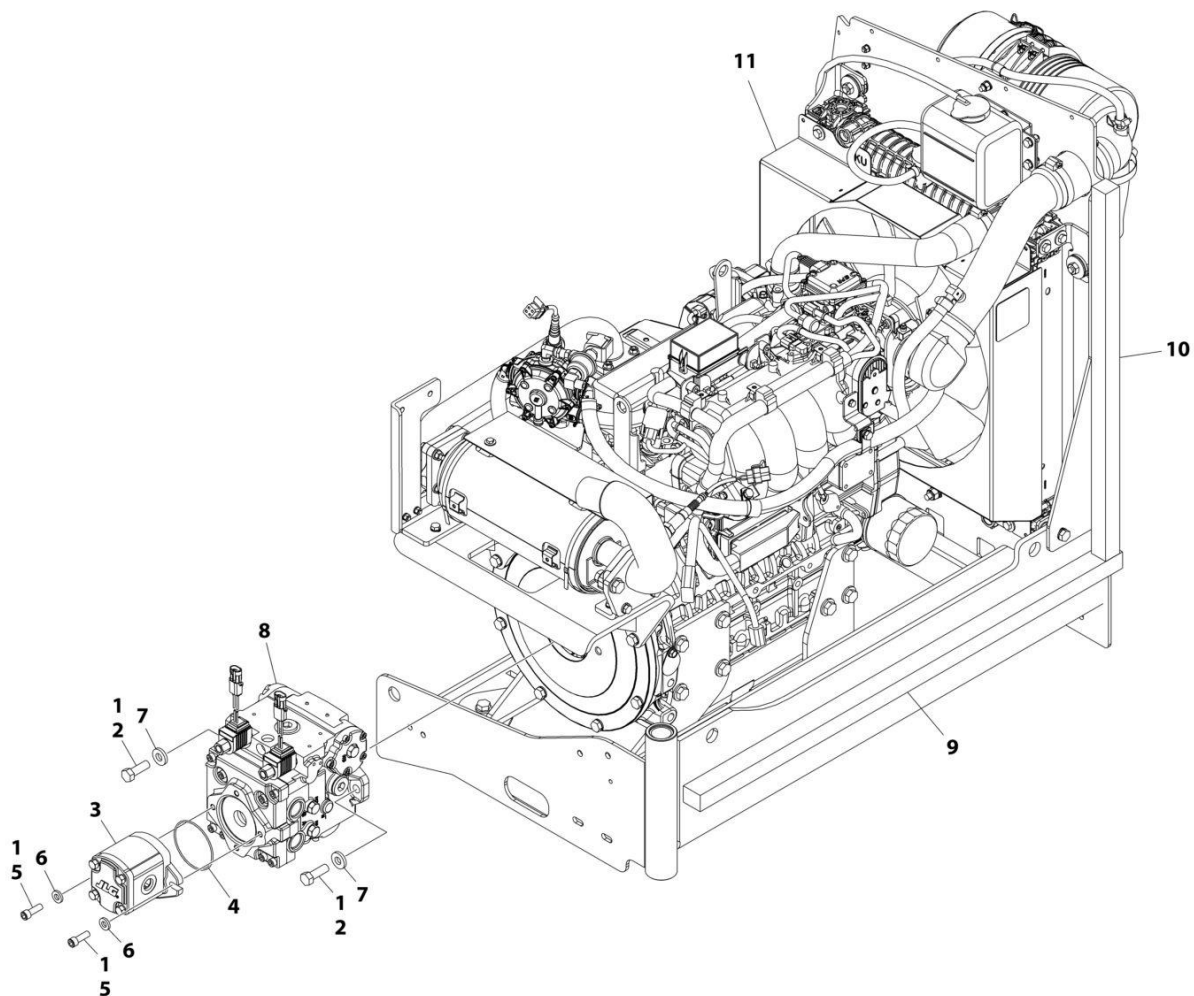
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236250	Ref	ENGINE INSTALLATION - KUBOTA ENGINE (WITHOUT ARCTIC PACKAGE)	A
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
3	0440162	1	Bearing	
4	0641504	1	Bolt 5/16 x 1/2	
5	0700817	1	Bolt M8 x 45	
6	0760610	1	Bolt M6 x 20	
7	0760812	3	Bolt M8 x 25	
8	0761014	4	Bolt M10 x 30	
9	0761015	4	Bolt M10 x 35	
10	1701542	2	Decal - Gas	
11	1701543	1	Decal - LPG (Not Shown)	
12	2180348	2	Fitting, Barbed	
13	3290605	1	Nut M6	
14	3290805	4	Nut M8	
15	3291005	5	Nut M10	
16	3790012	1	O-Ring	
17	3841143	1	Keeper, Pin	
18	4240099	AR	Tie-Strap (Not Shown)	
19	4711500	1	Washer 5/16	
20	4811700	2	Washer M6	
21	3422532	1	Pin	
22	4811900	6	Washer M8	
23	4812000	13	Washer M10	
24	5240800	2	Washer M8	
25	5251215	1	Bolt M12 x 35	
26	5261200	1	Nut M12 (Grade 10.9)	
27	1001217785	2	Clamp, Muffler	
28	1001135196	1	Pin	
29	1001155044	2	Nut 15/32	
31	1001161710	1	Switch, Toggle	
32	1001167512	1	Bracket, Engine Tray Stow	
33	1001174486	2	Clamp	
34	1001236254	1	Engine and Pump Sub-Assembly - Kubota Engine (Without Arctic Package) (See Separate Breakdown in this Section)	
35	1001212257	1	Cable, Kubota Alternator	
36	1001213062	1	Cable, Battery Cable Kit	
37	1001213599	1	Harness Engine - Kubota Engine (See Separate Breakdown in ELECTRICAL SECTION)	
38	1001214502	1	Pipe, Tail Pipe	
39	1001215259	1	Plate, Engine Lock	
40	1001215801	1	Mount, Fuel System	
41	1001156819	20 in/ 53cm	Hose	
42	1001216396	1	Hose	
43	1001216397	1	Hose	
44	1001217494	2	Bolt M12 x 20	
45	1321283	1	Clamp	
46	4812100	2	Washer M12	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
47	1001216399	1	Hose	
49	1001195039	1	Clamp	
50	1001118972	3	Nut M10	
51	4812200	1	Washer M14	
52	24431386	1	Support Clamp 15/16	
53	1001217345	1	Bolt M14 x 30	
54	1001229798	1	Harness - Kubota Dual Fuel Power (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
55	4460466	8	Terminal, Sealing Plug (Not Shown)	
56	4460930	1	Plug, Male - 8 Position (Deutsch) (Not Shown)	

SECTION 3 - ENGINE

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



ART_1001236254

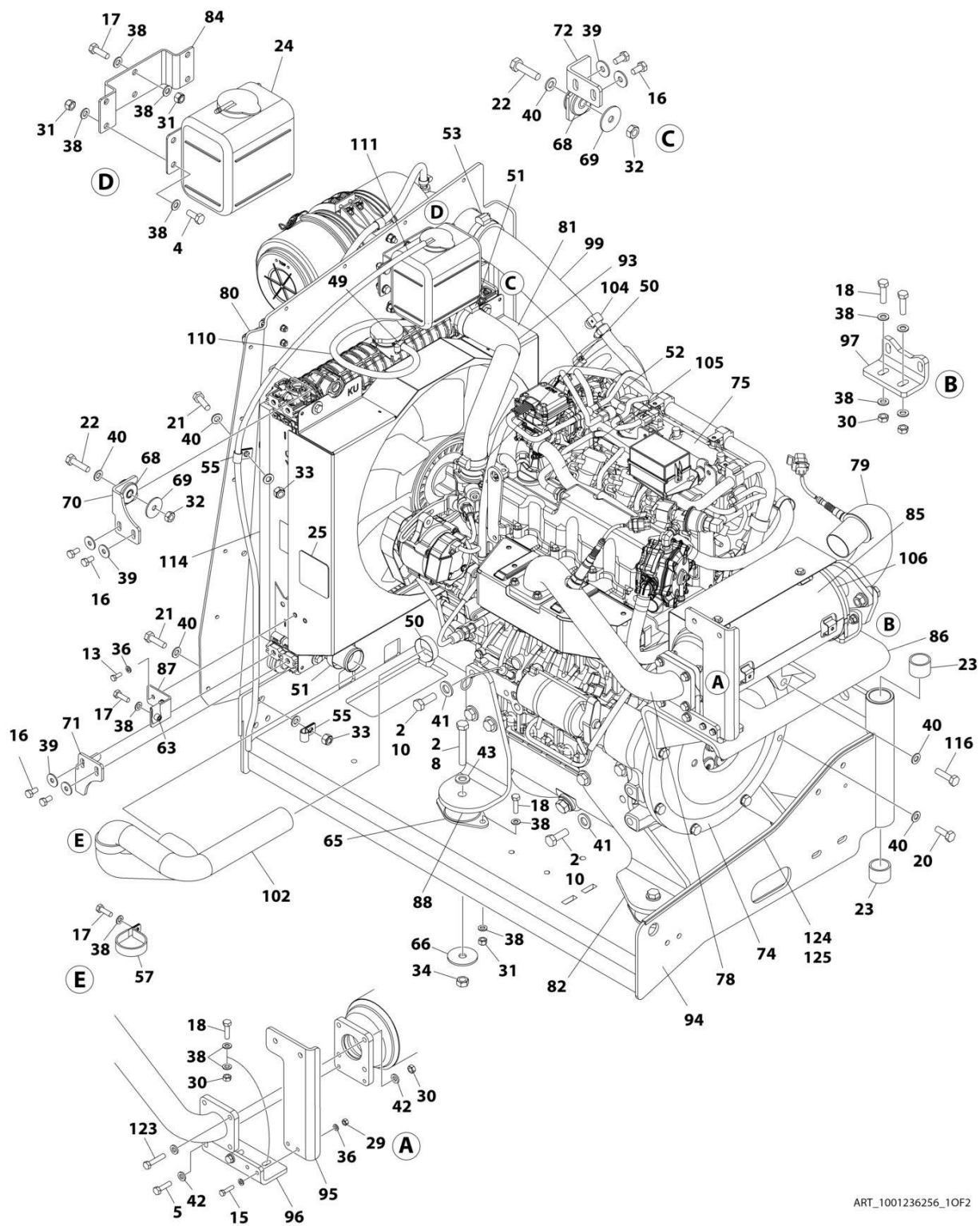
SECTION 3 - ENGINE

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

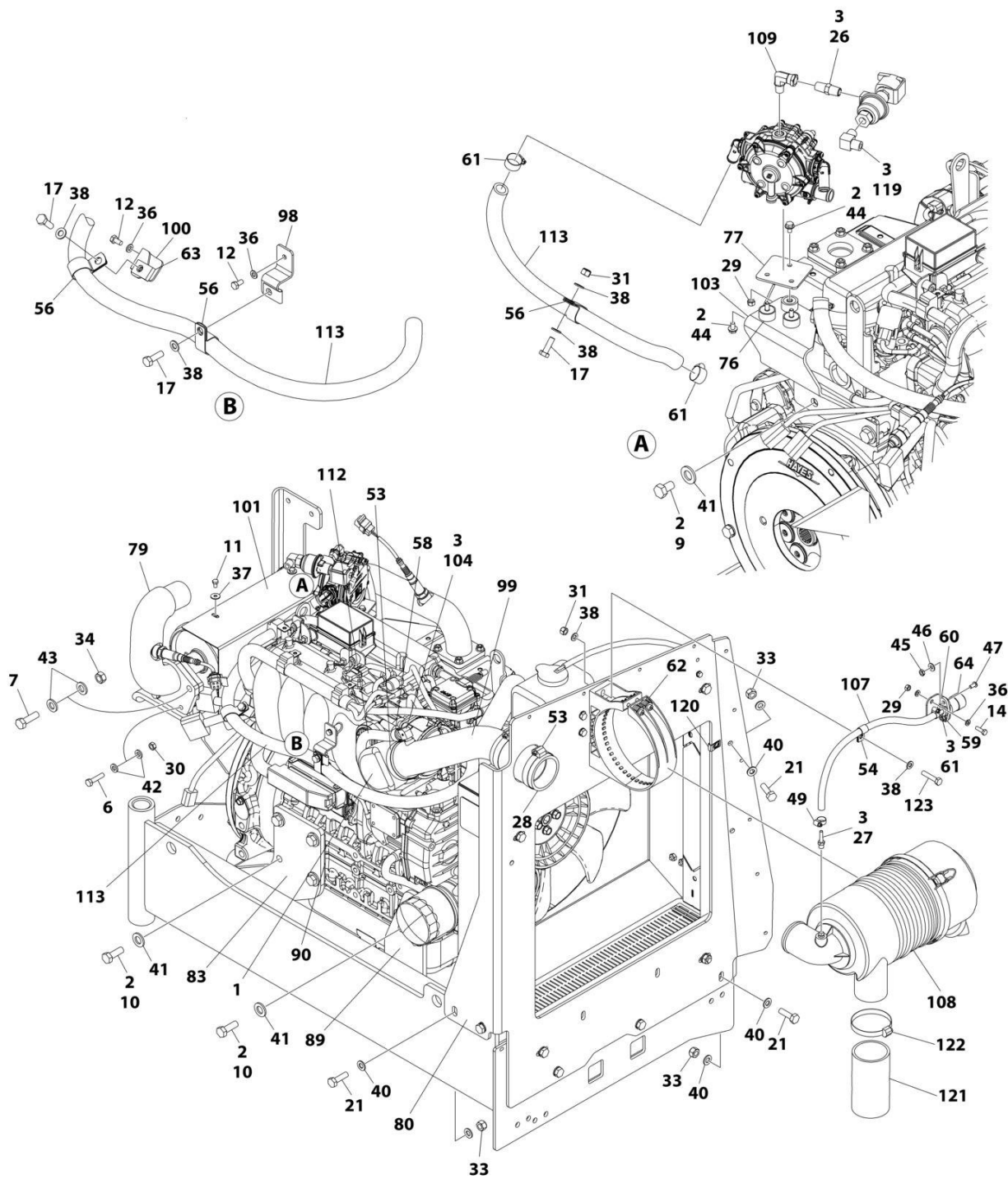
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236254	Ref	ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA ENGINE (WITHOUT ARCTIC PACKAGE)	A
1	0100011	AR	Compound, Locking	
2	0641812	2	Bolt 1/2 x 1-1/2	
3	1001214207	1	Pump, Gear	
3	70006356	1	Seal Kit - 1001214207 Pump	
4	3790152	1	O-Ring	
5	3931618	2	Bolt 3/8 x 1-1/8	
6	4891600	2	Washer 3/8	
7	4891800	2	Washer 1/2	
8	1001167036	1	Piston Pump Assembly (See Separate Breakdown in this Section)	
9	1001171953	1	Seal, Gasket	
10	1001171954	1	Seal, Gasket	
11	1001236256	1	Engine Assembly - Kubota Engine (Without Arctic Package) (See Separate Breakdown in this Section)	

SECTION 3 - ENGINE

FIGURE 3-31. ENGINE ASSEMBLY - KUBOTA ENGINE (WITHOUT ARCTIC PACKAGE)



SECTION 3 - ENGINE



ART_1001236256_20F2

SECTION 3 - ENGINE

FIGURE 3-31. ENGINE ASSEMBLY - KUBOTA ENGINE (WITHOUT ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236256	Ref	ENGINE ASSEMBLY - KUBOTA ENGINE (WITHOUT ARCTIC PACKAGE)	E
1	0080201	1	Adapter, 90	
2	0100011	AR	Compound, Locking	
3	0100020	AR	Sealant, Pipe	
4	0700810	4	Bolt M8 x 20	
5	0700814	2	Bolt M8 x 30	
6	0700815	2	Bolt M8 x 35	
7	0701216	2	Bolt M12 x 40	
8	0701224	4	Bolt M12 x 80	
9	1001217494	2	Bolt M12 x 20	
10	1001217343	14	Bolt M12 x 35	
11	0760605	4	Bolt M6 x 10	
12	0760606	2	Bolt M6 x 12	
13	0760608	2	Bolt M6 x 16	
14	0760610	2	Bolt M6 x 20	
15	0760612	2	Bolt M6 x 25	
16	0760808	8	Bolt M8 x 16	
17	0760812	6	Bolt M8 x 25	
18	0760814	12	Bolt M8 x 30	
19	0760815	1	Bolt M8 x 35	
20	0761014	4	Bolt M10 x 30	
21	0761015	6	Bolt M10 x 35	
22	0761016	4	Bolt M10 x 40	
23	0961951	2	Bushing	
24	1580011	1	Container, Coolant Overflow	
25	1703162	2	Decal - Caution Fan	
26	2220261	1	Fitting, Nipple NPTF/NPTF	
27	2220315	1	Fitting, Barbed	
28	2720644	1	Hose	
29	3290607	5	Nut M6	
30	3290801	10	Nut M8	
31	3290805	17	Nut M8	
32	3291001	4	Nut M10	
33	3291005	6	Nut M10	
34	3291201	6	Nut M12	
35	4240099	AR	Tie-Strap (Not Shown)	
36	4811700	12	Washer M6	
37	4811702	4	Washer M6	
38	4811900	45	Washer M8	
39	4811902	8	Washer M8	
40	4812000	24	Washer M10	
41	5241400	16	Washer M14	
42	5240800	14	Washer M8	
43	5241200	8	Washer M12	
44	5250605	3	Bolt M6 x 10	
45	8305401	2	Nut 1/4	
46	8307109	2	Washer 1/4	
47	8310548	2	Screw 1/4 NC x 1/2	
48	1001173535	2	Clamp	

SECTION 3 - ENGINE

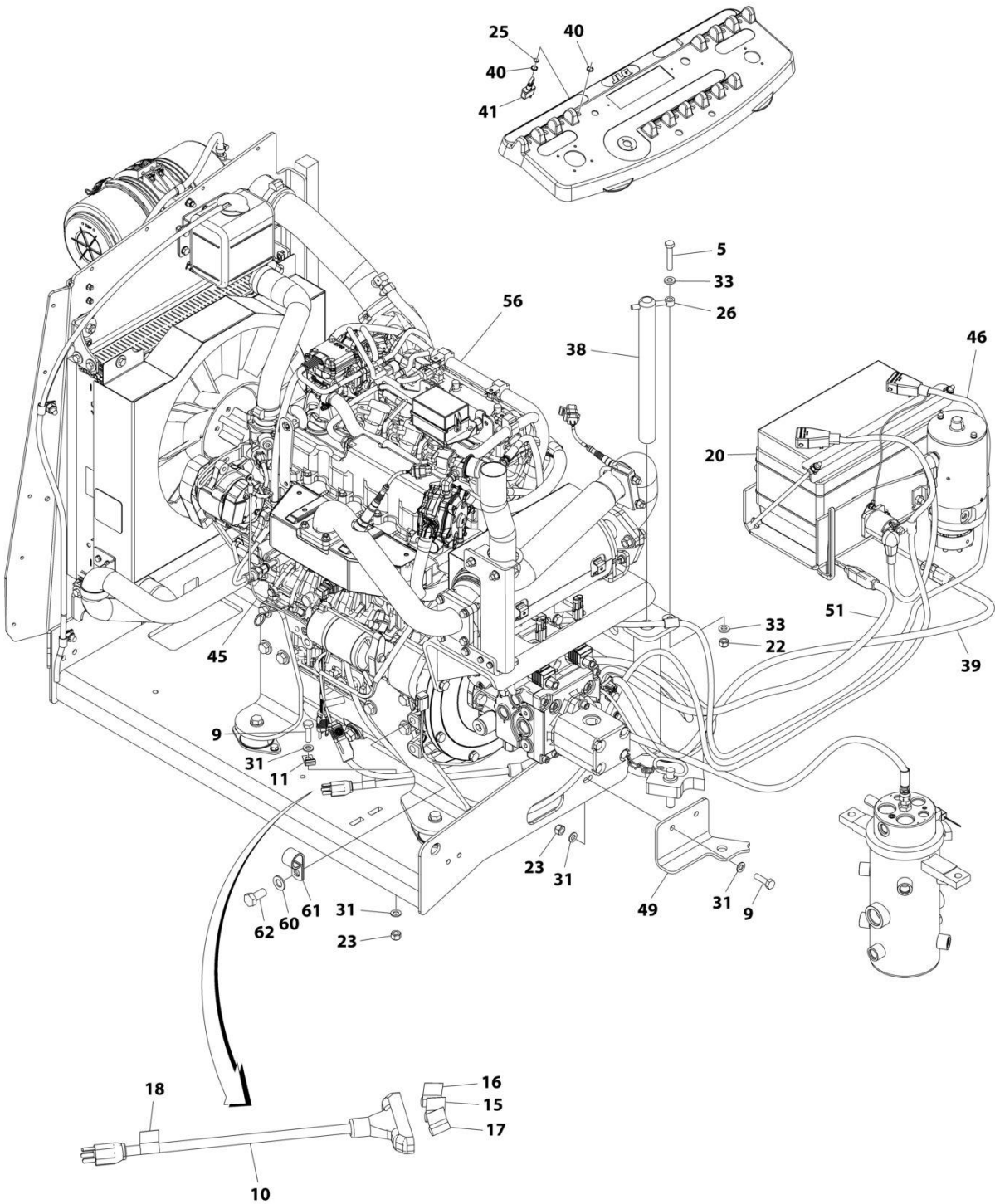
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49	8405009	4	Clamp	
50	8405102	2	Clamp	
51	8405104	2	Clamp	
52	8405202	1	Clamp	
53	8405203	3	Clamp	
54	8406109	1	Clip	
55	8406110	2	Clip	
56	8406201	3	Clip	
57	8410001	1	Clamp	
58	8410009	6	Clamp	
59	1001138173	1	Support, Service Indicator	
60	1001138175	1	Bracket, Service Indicator	
61	1001141995	1	Fitting, Barbed	
62	1001147812	1	Clamp, Air Cleaner	
63	1001149160	3	Nut M8	
64	1001149639	1	Indicator, Air Intake	
65	1001166718	4	Isolator, Engine Mount	
66	1001168018	4	Washer, Snubbing	
67	1001168166	2	Seal	
68	1001169054	4	Isolator, Radiator	
69	1001169138	4	Washer, Snubbing	
70	1001169967	2	Bracket	
71	1001170035	1	Bracket	
72	1001176330	1	Bracket	
73	1001180620	AR	Adhesive	
74	1001209844	1	Pump Coupling Kit (See Separate Breakdown in this Section)	
75	1001236393	1	Engine, Kubota (See Separate Breakdown in this Section)	
76	1001211794	3	Mount	
77	1001211797	1	Mount	
78	1001212989	1	Pipe, Exhaust (Inlet)	
79	1001212993	1	Pipe Exhaust (Outlet)	
80	1001213305	1	Plate, Mounting	
81	1001236257	1	Radiator	
82	1001213425	1	Plate, Engine Mount (Left Rear)	
83	1001213426	1	Plate, Engine Mount (Right Rear)	
84	1001213482	1	Bracket	
85	1001213824	1	Insulation	
86	1001214138	1	Bracket	
87	1001214205	1	Support	
88	1001214233	1	Plate (Front Left)	
89	1001214234	1	Plate (Front Right)	
90	1001214276	1	Shim	
91	1001214277	1	Shim	
92	1001214278	2	Shim	
93	1001214307	1	Hose	
94	1001214508	1	Support	
95	1001214553	1	Support	
96	1001214555	1	Bracket	
97	1001214556	1	Bracket	
98	1001214558	1	Bracket	
99	1001214598	1	Tube	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
100	1001214599	1	Bracket	
101	1001214664	1	Cover	
102	1001214694	1	Hose	
103	1001214841	1	Bracket	
104	1001215125	1	Fitting, 90	
105	1001215869	1	Hose	
106	1001137336	2	Strap	
107	1001138248	2 ft/ 0.61m	Tube	
108	1001147813	1	Air Cleaner Assembly Including Filter Element	
108	70004020	1	Element, Air Filter	
109	1001247359	1	Fitting, 90	
110	2720058	1.75 ft/ 0.53m	Hose	
111	2720271	4 ft/ 1.22m	Hose	
112	2720615	1.25 ft/ 0.38m	Hose	
113	82033995	5.5 ft/ 1.68m	Hose	
114	1001216825	2	Seal	
115	0700816	4	Bolt M8 x 40	
116	0701016	4	Bolt M10 x 40	
119	2180504	1	Fitting, Barbed	
120	1001118274	1	Nut, Special M8	
121	1001001939	1	Tube, Flex	
122	8410011	1	Clamp	
123	0760816	1	Bolt M8 x 40	
124	4060805	1.94 ft/ 0.59m	Flex-Trim	
125	0100081	AR	Adhesive	

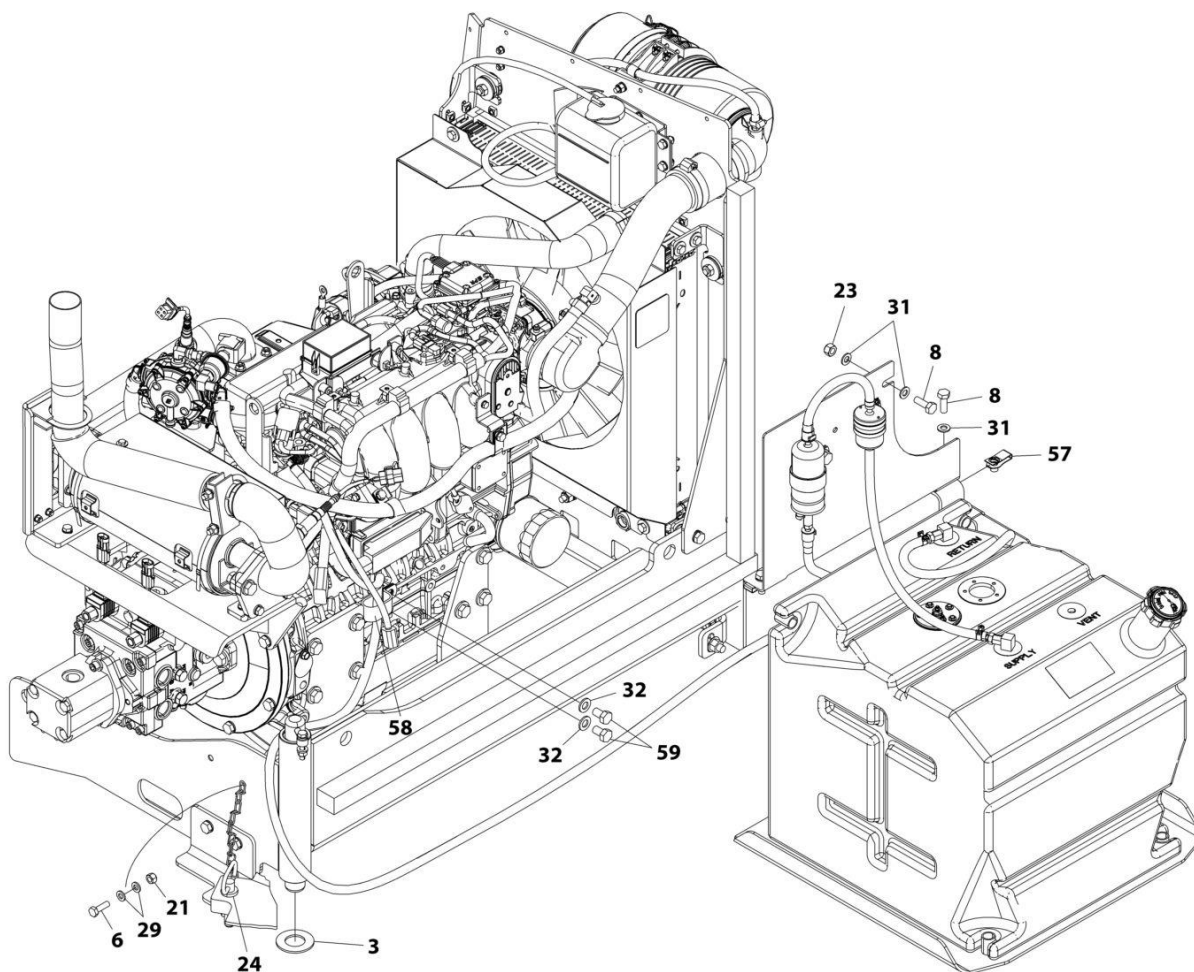
SECTION 3 - ENGINE

FIGURE 3-32. ENGINE INSTALLATION - KUBOTA ENGINE (WITH ARCTIC PACKAGE)



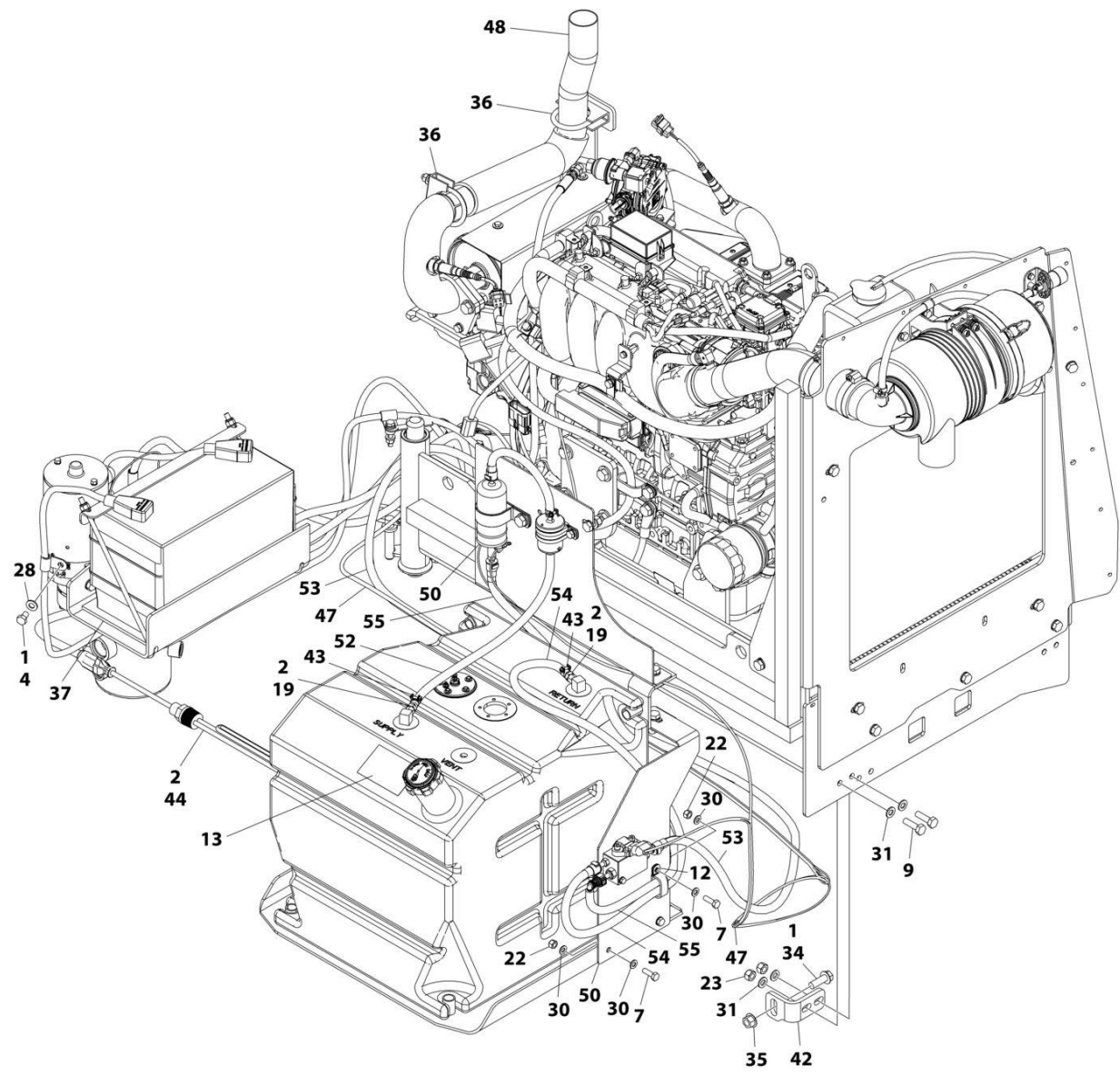
ART_1001236252_10F3

SECTION 3 - ENGINE



ART_1001236252_2OF3

SECTION 3 - ENGINE



ART_1001236252_3OF3

SECTION 3 - ENGINE

FIGURE 3-32. ENGINE INSTALLATION - KUBOTA ENGINE (WITH ARCTIC PACKAGE)

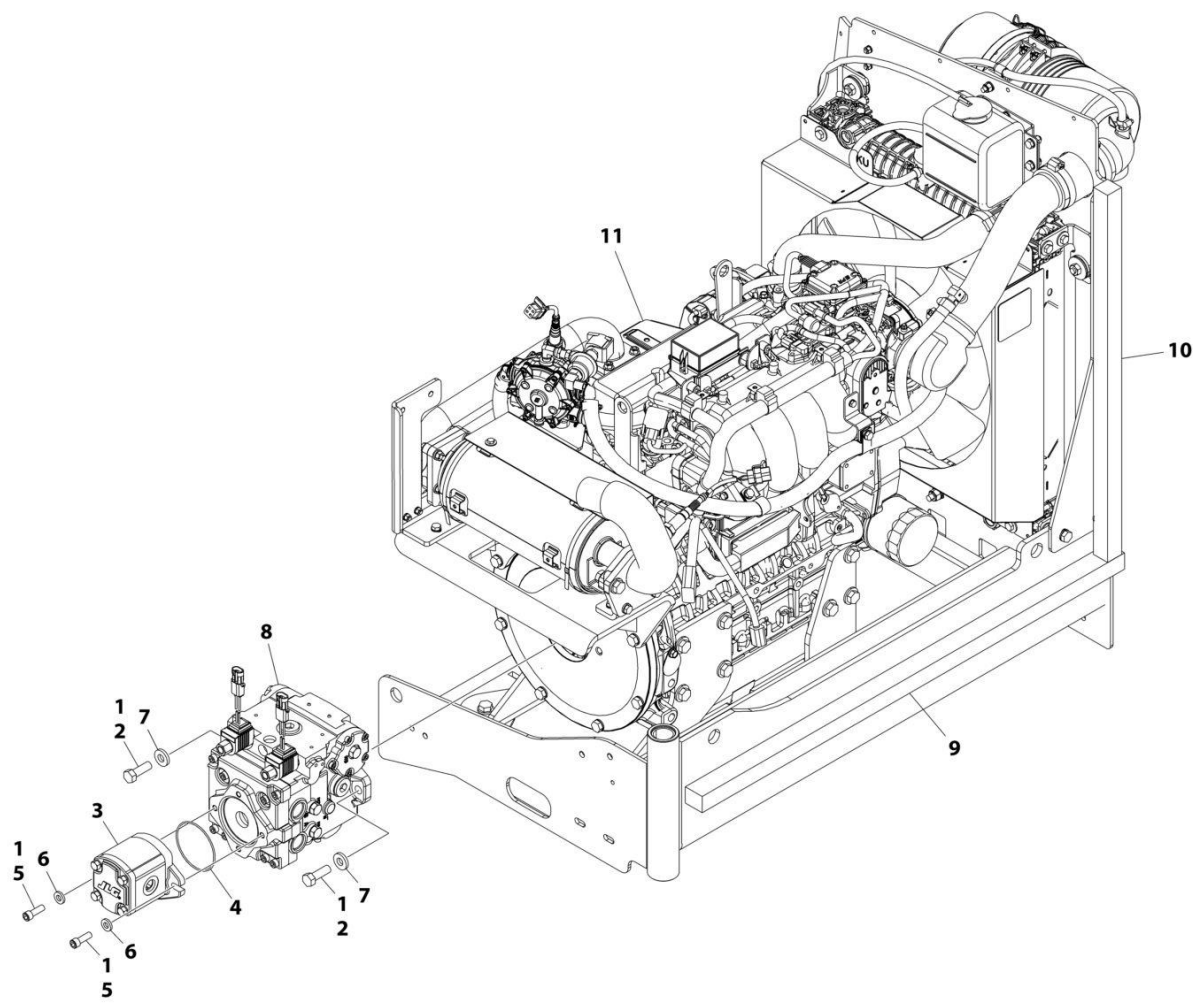
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236252	Ref	ENGINE INSTALLATION - KUBOTA ENGINE (WITH ARCTIC PACKAGE)	B
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
3	0440162	1	Bearing	
4	0641504	1	Bolt 5/16 x 1/2	
5	0700817	1	Bolt M8 x 45	
6	0760610	1	Bolt M6 x 20	
7	0760812	3	Bolt M8 x 25	
8	0761014	4	Bolt M10 x 30	
9	0761015	5	Bolt M10 x 35	
10	1060626	1	Plug, 3 Way	
11	1320223	1	Clamp	
12	1321283	1	Clamp	
13	1701542	2	Decal - Gas	
14	1701543	1	Decal - LPG (Not Shown)	
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	2180348	2	Fitting, Barbed	
20	2580024	1	Heater, Battery	
21	3290605	1	Nut M6	
22	3290805	4	Nut M8	
23	3291005	6	Nut M10	
24	3422532	1	Pin	
25	3790012	1	O-Ring	
26	3841143	1	Keeper, Pin	
27	4240099	AR	Tie-Strap (Not Shown)	
28	4711500	1	Washer 5/16	
29	4811700	2	Washer M6	
30	4811900	6	Washer M8	
31	4812000	15	Washer M10	
32	4812100	2	Washer M12	
33	5240800	2	Washer M8	
34	5251215	1	Bolt M12 x 35	
35	5261200	1	Nut M12 Class10	
36	1001217785	2	Clamp, Muffler	
37	1001119278	1	Insulate	
38	1001135196	1	Pin	
39	1001150918	1	Cable, Extension Cord	
40	1001155044	2	Nut 15/32	
41	1001161710	1	Switch, Toggle	
42	1001167512	1	Bracket, Engine Tray Stow	
43	1001174486	2	Clamp	
44	1001188972	1	Heater, Hydraulic Tank	
45	1001212257	1	Cable, Kubota Alternator	
46	1001213062	1	Cable, Battery Cable Kit Kubota	
47	1001213599	1	Harness Engine - Kubota Engine (See Separate Breakdown in ELECTRICAL SECTION)	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
48	1001214502	1	Pipe, Tail Pipe	
49	1001215259	1	Plate, Engine Lock	
50	1001215801	1	Mount, Fuel System (Kubota)	
51	1001216080	2	Cable, Extension Cord	
52	1001156819	20.9 in/ 53cm	Hose	
53	1001216396	1	Hose	
54	1001216397	1	Hose	
55	1001216399	1	Hose	
56	1001236258	1	Engine and Pump Sub-Assembly - Kubota Engine (With Arctic Package) (See Separate Breakdown in this Section)	
57	1001118972	3	Nut M10	
58	1001195039	1	Clamp	
59	1001217494	2	Capscrew M12	
60	4812200	1	Washer M14	
61	24431386	1	Support, Clamp	
62	1001217345	1	Bolt M14 x 30	
63	1001229798	1	Harness - Kubota B6 D/F Power (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
64	4460466	8	Terminal, Sealing Plug (Not Shown)	
65	4460930	1	Plug, Male - 8 Position (Deutsch) (Not Shown)	

SECTION 3 - ENGINE

FIGURE 3-33. ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA ENGINE (WITH ARCTIC PACKAGE)



ART_1001236258

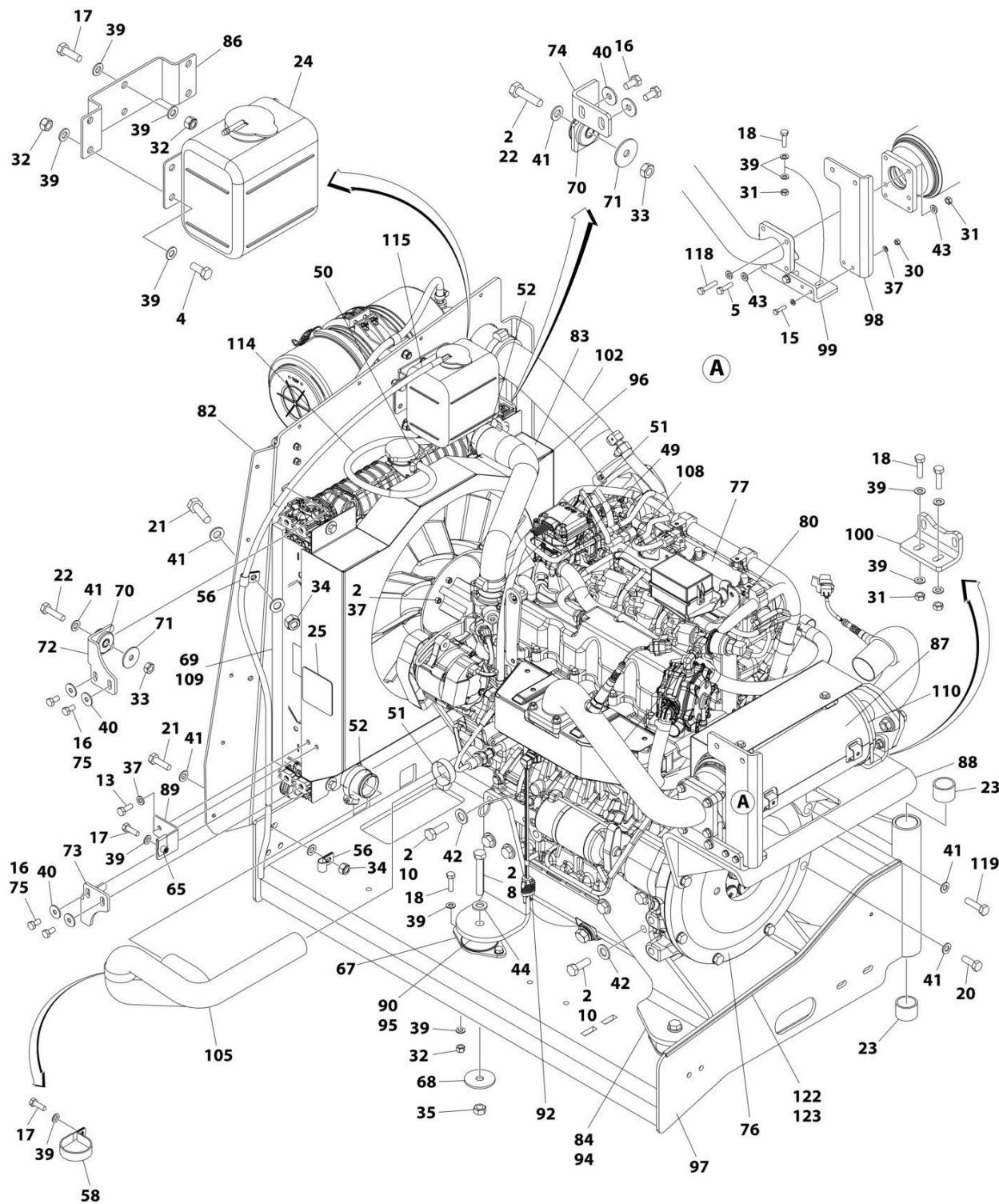
SECTION 3 - ENGINE

FIGURE 3-33. ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA ENGINE (WITH ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236258	Ref	ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA ENGINE (WITH ARCTIC PACKAGE)	A
1	0100011	AR	Compound, Locking	
2	0641812	2	Bolt 1/2 x 1-1/2	
3	1001214207	1	Gear Pump Assembly	
3	70006356	1	Seal Kit - 1001214207 Pump	
4	3790152	1	O-Ring	
5	3931618	2	Capscrew 3/8 x 1-1/8	
6	4891600	2	Washer 3/8	
7	4891800	2	Washer 1/2	
8	1001167036	1	Piston Pump Assembly (See Separate Breakdown in this Section)	
9	1001171953	1	Seal	
10	1001171954	1	Seal	
11	1001236259	1	Engine Assembly - Kubota Engine (With Arctic Package) (See Separate Breakdown in this Section)	

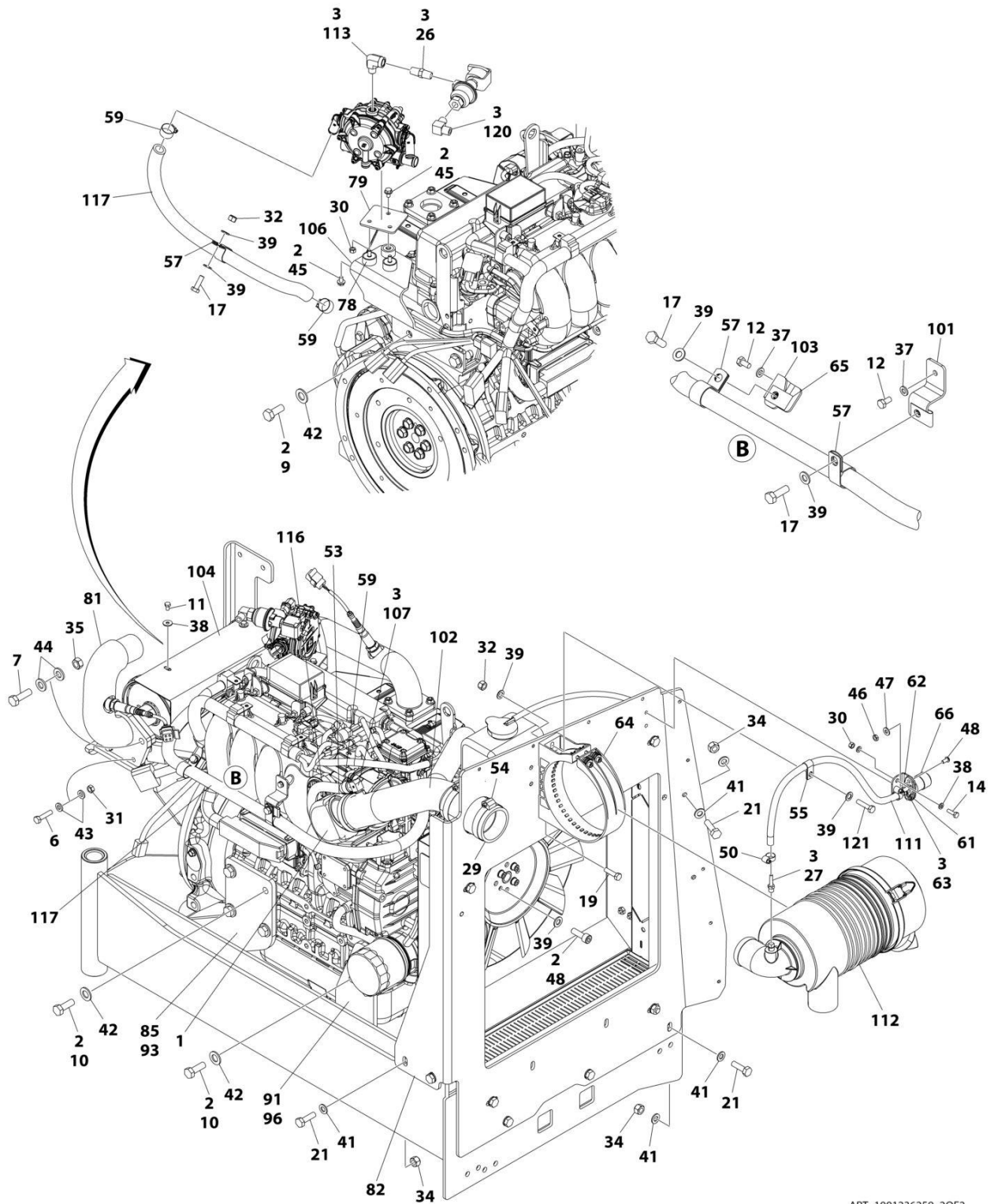
SECTION 3 - ENGINE

FIGURE 3-34. ENGINE ASSEMBLY - KUBOTA ENGINE (WITH ARCTIC PACKAGE)



ART_1001236259_10F2

SECTION 3 - ENGINE



ART_1001236259_2OF2

SECTION 3 - ENGINE

FIGURE 3-34. ENGINE ASSEMBLY - KUBOTA ENGINE (WITH ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236259	Ref	ENGINE ASSEMBLY - KUBOTA ENGINE (WITH ARCTIC PACKAGE)	E
1	0080201	1	Adapter, 90	
2	0100011	AR	Compound, Locking	
3	0100020	AR	Sealant, Pipe	
4	0700810	4	Bolt M8 x 20	
5	0700814	2	Bolt M8 x 30	
6	0700815	2	Bolt M8 x 35	
7	0701216	2	Bolt M12 x 40	
8	0701224	4	Bolt M12 x 80	
9	1001217494	2	Bolt M12 x 20	
10	1001217343	14	Bolt M12 x 35	
11	0760605	4	Bolt M6 x 10	
12	0760606	2	Bolt M6 x 12	
13	0760608	2	Bolt M6 x 16	
14	0760610	2	Bolt M6 x 20	
15	0760612	2	Bolt M6 x 25	
16	0760808	8	Bolt M8 x 16	
17	0760812	6	Bolt M8 x 25	
18	0760814	12	Bolt M8 x 30	
19	0760815	1	Bolt M8 x 35	
20	0761014	4	Bolt M10 x 30	
21	0761015	6	Bolt M10 x 35	
22	0761016	4	Bolt M10 x 40	
23	0961951	2	Bushing	
24	1580011	1	Container, Coolant Overflow	
25	1703162	2	Decal - Caution Fan	
26	2220261	1	Fitting, Nipple NPTF/NPTF	
27	2220315	1	Fitting, Barbed	
29	2720644	1	Hose	
30	3290607	5	Nut M6	
31	3290801	10	Nut M8	
32	3290805	17	Nut M8	
33	3291001	4	Nut M10	
34	3291005	6	Nut M10	
35	3291201	6	Nut M12	
36	4240099	AR	Tie-Strap (Not Shown)	
37	4811700	16	Washer M6	
38	4811702	4	Washer M6	
39	4811900	45	Washer M8	
40	4811902	8	Washer M8	
41	4812000	24	Washer M10	
42	5241400	16	Washer M14	
43	5240800	14	Washer M8	
44	5241200	8	Washer M12	
45	5250605	3	Bolt M6 x 10	
46	8305401	2	Nut 1/4	
47	8307109	2	Washer 1/4	
48	8310548	2	Screw 1/4 x 1/2	
49	1001173535	2	Clamp	

SECTION 3 - ENGINE

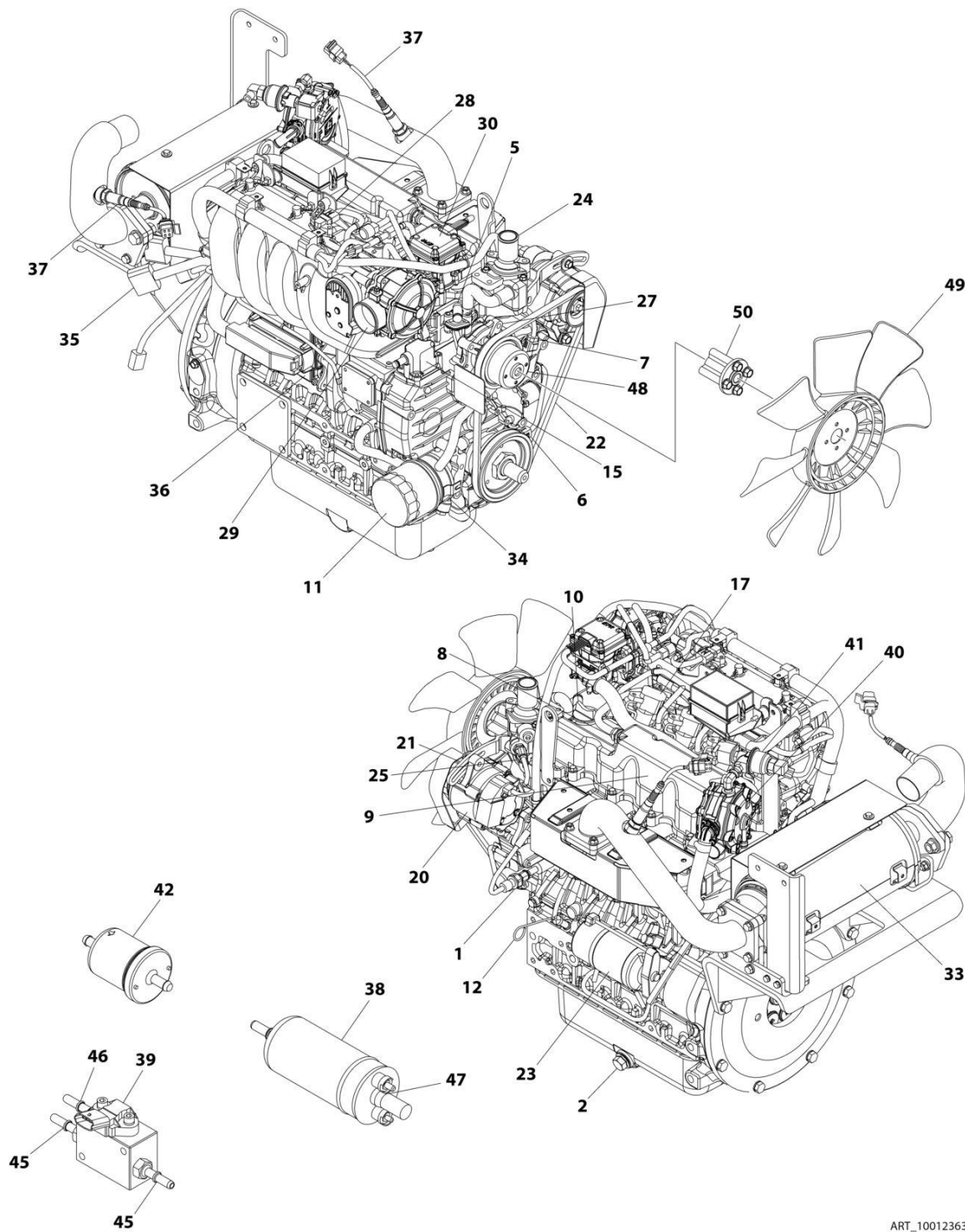
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	8405009	4	Clamp	
51	8405102	2	Clamp	
52	8405104	2	Clamp	
53	8405202	1	Clamp	
54	8405203	3	Clamp	
55	8406109	1	Clip	
56	8406110	2	Clip	
57	8406201	3	Clip	
58	8410001	1	Clamp	
59	8410009	6	Clamp	
61	1001138173	1	Support, Service Indicator	
62	1001138175	1	Bracket, Service Indicator	
63	1001141995	1	Fitting, Barbed	
64	1001147812	1	Clamp, Air Cleaner	
65	1001149160	3	Nut M8	
66	1001149639	1	Indicator, Air Intake	
67	1001166718	4	Isolator, Engine Mount	
68	1001168018	4	Washer, Snubbing	
69	1001168166	2	Seal	
70	1001169054	4	Isolator, Radiator	
71	1001169138	4	Washer, Snubbing	
72	1001169967	2	Bracket	
73	1001170035	1	Bracket	
74	1001176330	1	Bracket	
75	1001180620	AR	Adhesive	
76	1001209844	1	Pump Coupling Kit (See Separate Breakdown in this Section)	
77	1001236393	1	Engine, Kubota (See Separate Breakdown in this Section)	
78	1001211794	3	Mount	
79	1001211797	1	Mount	
80	1001212989	1	Pipe, Exhaust (Inlet)	
81	1001212993	1	Pipe, Exhaust (Outlet)	
82	1001213305	1	Plate, Mounting	
83	1001236257	1	Radiator	
84	1001213425	1	Plate, Engine Mount (Left Rear)	
85	1001213426	1	Plate, Engine Mount (Right Rear)	
86	1001213482	1	Bracket	
87	1001213824	1	Insulation	
88	1001214138	1	Bracket	
89	1001214205	1	Support	
90	1001214233	1	Plate (Front Left)	
91	1001214234	1	Plate (Front Right)	
92	1001214269	1	Heater, Block	
93	1001214276	1	Shim	
94	1001214277	1	Shim	
95	1001214278	2	Shim	
96	1001214307	1	Hose	
97	1001214508	1	Support	
98	1001214553	1	Support	
99	1001214555	1	Bracket	
100	1001214556	1	Bracket	
101	1001214558	1	Bracket	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
102	1001214598	1	Tube	
103	1001214599	1	Bracket	
104	1001214664	1	Cover	
105	1001214694	1	Hose	
106	1001214841	1	Bracket	
107	1001215125	1	Fitting, 90	
108	1001215869	1	Hose	
109	1001216825	2	Seal	
110	1001137336	2	Strap	
111	1001138248	2 ft/ 0.6m	Tube	
112	1001147813	1	Air Cleaner Assembly Including Filter Element	
112	70004020	1	Element, Filter (Not Shown)	
113	1001247359	1	Fitting, Street Elbow	
114	2720058	1.8 ft/ 0.5m	Hose	
115	2720271	4 ft/ 1.2m	Hose	
116	2720615	1.2 ft/ 0.4m	Hose	
117	82033995	5.5 ft/ 1.7m	Hose	
118	0700816	4	Bolt M8 x 40	
119	0701016	4	Bolt M10 x 40	
120	2180504	1	Fitting, Barbed	
121	0760816	1	Bolt M8 x 40	
122	4060805	1.94 ft/ 59m	Flex-Trim	
123	0100081	AR	Adhesive	

SECTION 3 - ENGINE

FIGURE 3-35. ENGINE COMPONENTS - KUBOTA



ART_1001236393

SECTION 3 - ENGINE

FIGURE 3-35. ENGINE COMPONENTS - KUBOTA

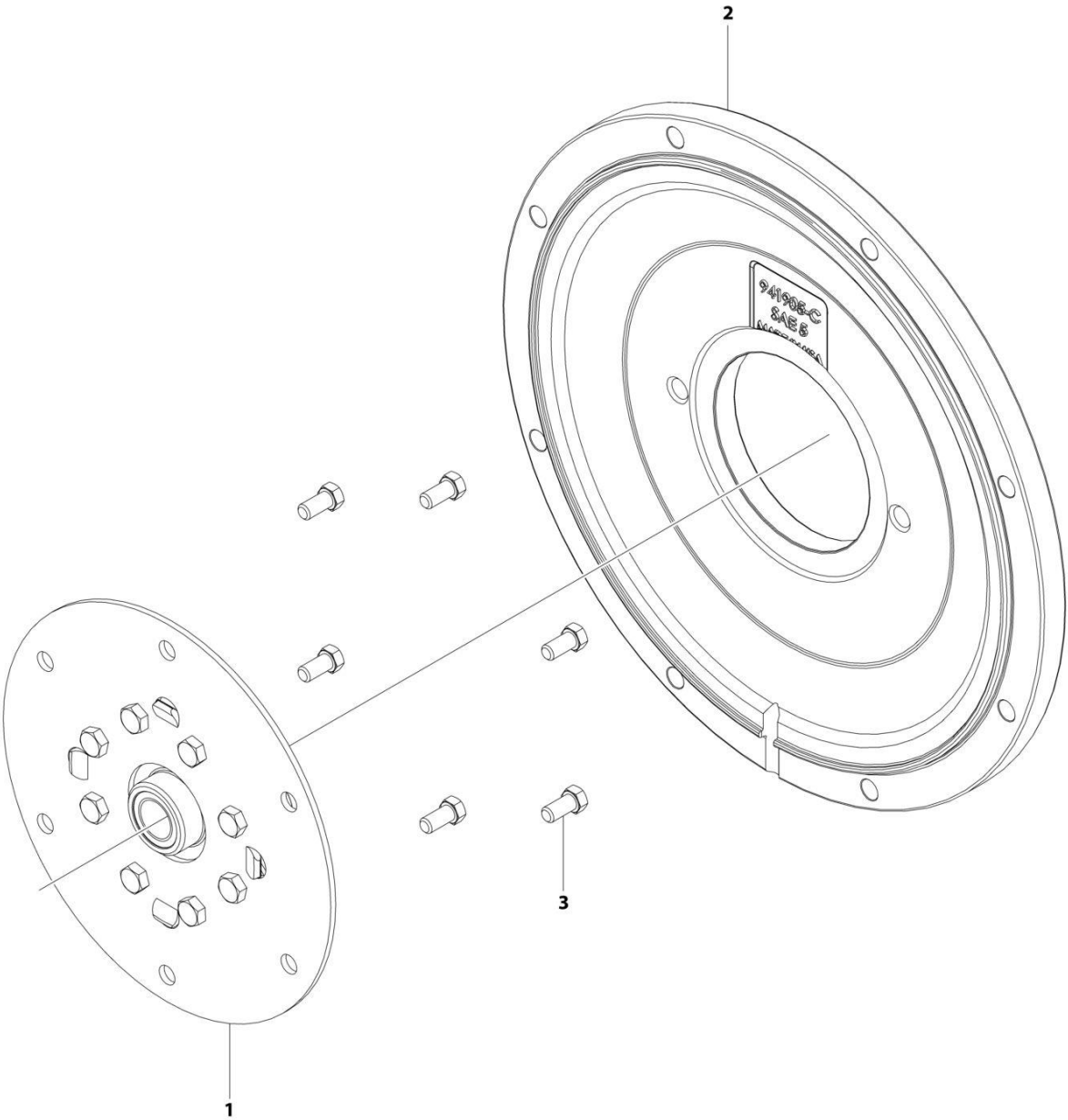
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236393	Ref	ENGINE COMPONENTS - KUBOTA	B
1	70005745	1	Switch, Oil	
1	70006013	1	Adapter	
2	7023154	1	Plug, Drain	
2	7017904	1	Gasket, Oil Pan Drain	
3	70006014	1	Gasket, Cylinder Head (Not Shown)	
4	70006015	1	Sensor (Knock) (Not Shown - Located on Left Side of Engine)	
5	70006016	1	Flange Assembly (Water Return)	
5	70002316	1	Pipe	
5	70006017	1	Gasket	
6	70005737	1	Sensor Stick Assembly	
7	70006018	1	Sensor	
8	70006019	1	Valve (PCV)	
8	70006020	1	Seal	
9	7017932	3	Element, Breather	
9	70006021	1	Gasket	
10	70002318	1	Oil Filler Cap	
10	70006022	1	O-Ring	
11	70006023	1	Filter, Oil	
12	70006024	1	Dipstick	
13	70006025	1	Pump Assembly, Oil (Not Shown - Located Under Front Cover)	
13	70006026	1	Gasket	
13	70006027	1	Key	
14	70006028	1	Flywheel (Not Shown - Located Behind Coupling Plate)	
14	70006029	1	Ring Gear (Part of Flywheel)	
15	70006030	1	Flange Assembly (Breather)	
15	70002316	1	Pipe	
15	70006031	1	Gasket	
16	70006035	1	Pipe Assembly (Not Shown)	
16	70005727	1	Gasket	
17	70006034	4	Coil	
17	70006033	4	Spark Plug	
18	70006032	1	Gasket (Not Shown)	
19	70005751	4	Injector (Not Shown)	
20	70006036	1	Alternator (Includes Voltage Regulator and Gaskets, Fan and Fan Mounting Hardware)	
21	70006037	1	Bracket	
22	70006038	1	Belt	
23	70006039	1	Starter	
24	70006041	1	Thermostat	
24	70002326	1	Gasket	
25	70005726	1	Sensor	
25	70006042	1	O-Ring	
26	70006040	1	Gasket (Not Shown - Located Between Engine Head and Water Flange)	
27	70006043	1	Water Pump Assembly	
27	70004829	1	Pipe	
27	70006044	1	Gasket	
28	70005746	1	Sensor (TMAP)	
28	70005747	1	O-Ring	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
29	70006049	1	Mixer Assembly	
29	70006050	1	Seal, Rubber	
29	70006045	1	Throttle Body	
29	70006046	1	Gasket	
29	70006047	1	Adapter	
29	70006048	1	O-Ring	
30	70006051	1	Regulator Assembly	
30	70006052	1	Seal, Rubber	
30	70006053	1	Seal, Rubber	
30	70006054	1	Seal, Rubber	
31	70006055	1	Gasket (Not Shown - Located Between Intake Manifold and Engine Head)	
32	70006056	1	Gasket (Not Shown - Located Between Exhaust Manifold and Engine Head)	
33	70006057	1	Muffler	
33	70006065	1	Gasket	
33	70006066	1	Gasket	
33	70006072	1	Gasket	
34	70006058	1	Oil Cooler Assembly	
34	70006059	1	Seal	
34	7017959	2	Clamp	
35	70006060	1	Engine Harness	
36	70006061	1	Module, Engine Control	
37	70006062	2	Sensor (O2)	
38	70006063	1	Pump, Fuel	
39	70006064	1	Manifold (FPM)	
40	70006067	1	Regulator Assembly	
40	70006068	1	Connector	
40	70006069	3	Clip	
40	70006070	2	Connector	
41	70006071	1	Valve, Lockoff	
41	70006078	1	Valve, Lockoff Kit	
42	7017992	1	Filter, Fuel	
43	70006079	1	Gasket Kit (Upper) (Not Shown)	
44	70006080	1	Gasket Kit (Lower) (Not Shown)	
45	70006074	2	Joint (Includes O-Ring)	
46	70006075	1	Joint (Includes O-Ring)	
47	70006076	1	Joint (Includes O-Ring)	
47	70006077	1	Gasket	
48	70006379	1	Pulley	
49	70006639	1	Fan	
50	70006640	1	Collar, Fan	

SECTION 3 - ENGINE

FIGURE 3-36. PUMP COUPLING KIT - KUBOTA ENGINE



ART_1001209844

SECTION 3 - ENGINE

FIGURE 3-36. PUMP COUPLING KIT - KUBOTA ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209844	Ref	PUMP COUPLING KIT - KUBOTA ENGINE	C
1	70006010	1	Coupling Assembly, Hayes	
2	70006011	1	Plate, Pump Adapter	
3	70006012	1	Bolt Kit	

310

400S_460SJ



FIGURE 3-37. PISTON PUMP ASSEMBLY

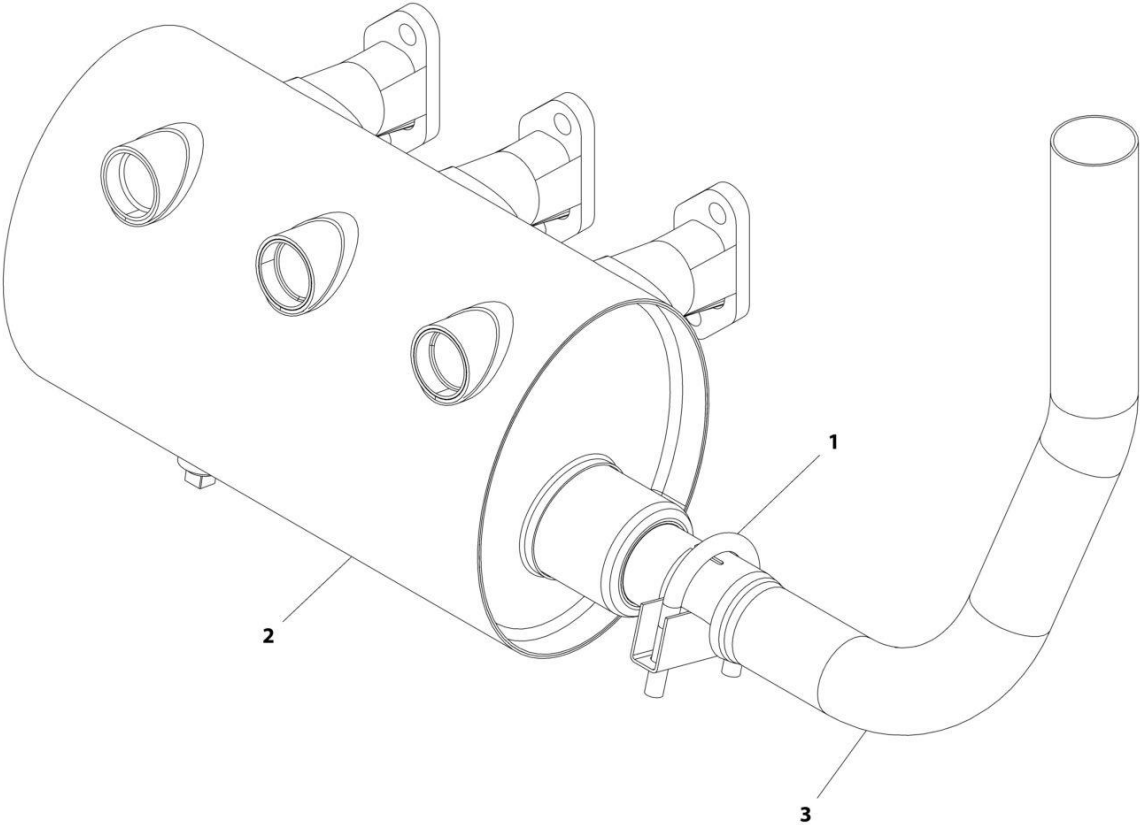
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167036	Ref	PISTON PUMP ASSEMBLY	B
1	7021240	1	Shaft Assembly (Includes Items 2-4)	
2	7021237	1	Shaft	
3	7021238	1	Ring, Retaining	
4	7021239	1	Bearing, Roller	
5	70004896	1	Shaft Seal Kit (Includes Items 6-8)	
6	7021241	1	O-Ring	
7	7021242	1	Seal, Lip	
8	7021243	1	Carrier, Seal Shaft	
9	7024855	2	Solenoid Assembly	
9A	70004897	2	Coil (1 Per Assembly)	
9B	7024857	2	Nut (1 Per Assembly)	
9C	7024858	2	Seal Kit - 7024855 Cartridge (1 Per Assembly)	
10	70004889	2	Orifice	
11	See Note	NSS	Housing Assembly (Note: Not Available for Purchase)	
12	7021248	1	Side Cover Assembly (Includes Item 13)	
13	70004891	1	Gasket	
14	7021249	1	Bearing, Needle	
15	See Note	NSS	Pin (Note: Not Available for Purchase)	
16	70004890	2	Screw	
17	70004892	4	Screw	
18	7007419	2	Plug Assembly (Includes O-Ring)	
19	7007420	2	Plug Assembly (Includes O-Ring)	
20	See Note	NSS	Plug (Note: Not Available for Purchase)	
21	7007419	1	Plug Assembly (Includes O-Ring)	
22	7021257	1	Ring, Retaining	
23	70004893	1	Key	
24	7022341	1	Ring, Retaining	
25	7021258	1	Gerotor	
26	70004894	1	Gerotor Cover Assembly (Includes Item 27)	
27	7021259	1	Bearing, Journal	
28	7021262	1	O-Ring	
29	See Note	NSS	Pin (Note: Not Available for Purchase)	
30	7021263	2	Bypass Valve Assembly	
31	7024800	2	Spring	
32	7021265	2	Bypass Valve Assembly (Includes Items 32-34)	
33	7007415	2	O-Ring	
34	7021293	2	Ring, Back-up	
35	7022300	2	O-Ring	
36	70004895	1	Cover, Servo	
37	7021253	1	Gasket	
38	70004892	5	Screw	
39	7007420	1	Plug Assembly (Includes O-Ring)	
40	7021268	1	Cover, Servo	
41	7021253	1	Gasket	
42	70004892	5	Screw	
43	7007420	1	Plug Assembly (Includes O-Ring)	
44	7021281	1	Plate, Valve	
45	70004898	1	Servo Piston Kit (Includes Items 46 & 47)	
46	7007495	2	O-Ring	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
47	7007493	2	O-Ring	
48	7007420	1	Plug Assembly (Includes O-Ring)	
49	70004900	1	Plug Assembly (Includes O-Ring)	
50	7022346	1	Adjuster	
51	7021290	1	Nut	
52	7022347	1	Spring	
53	70004901	1	Poppet	
54	7007415	1	O-Ring	
55	70004902	1	Nut, Seal	
56	70004903	1	Swash Plate	
57	70004904	1	Bearing Assembly	
58	70004905	1	Coupling	
59	7001481	2	Pin	
60	70002257	1	Gasket	
61	70004906	8	Screw	
62	70004907	1	Cover, Charge Pump	
63	70004908	1	Seal	
64	7021299	1	Plate, Cover	
65	7007289	2	Screw	
66	70004909	1	Cylinder Block Assembly (Includes Items 67-71)	
67	70004910	3	Pin, Slipper Hold Down	
68	7021276	1	Retainer, Hold Down Pin	
69	7021277	1	Guide, Slipper Retainer	
70	7021278	1	Retainer, Slipper	
71	70004911	1	Piston Assembly	
100	70004899	1	Seal Kit (Includes Items 5-8, 33-35, 37, 41, 46, 47 & 54)	

SECTION 3 - ENGINE

FIGURE 3-38. SPARK ARRESTOR INSTALLATION - DEUTZ D2011 ENGINE



ART_1001175071

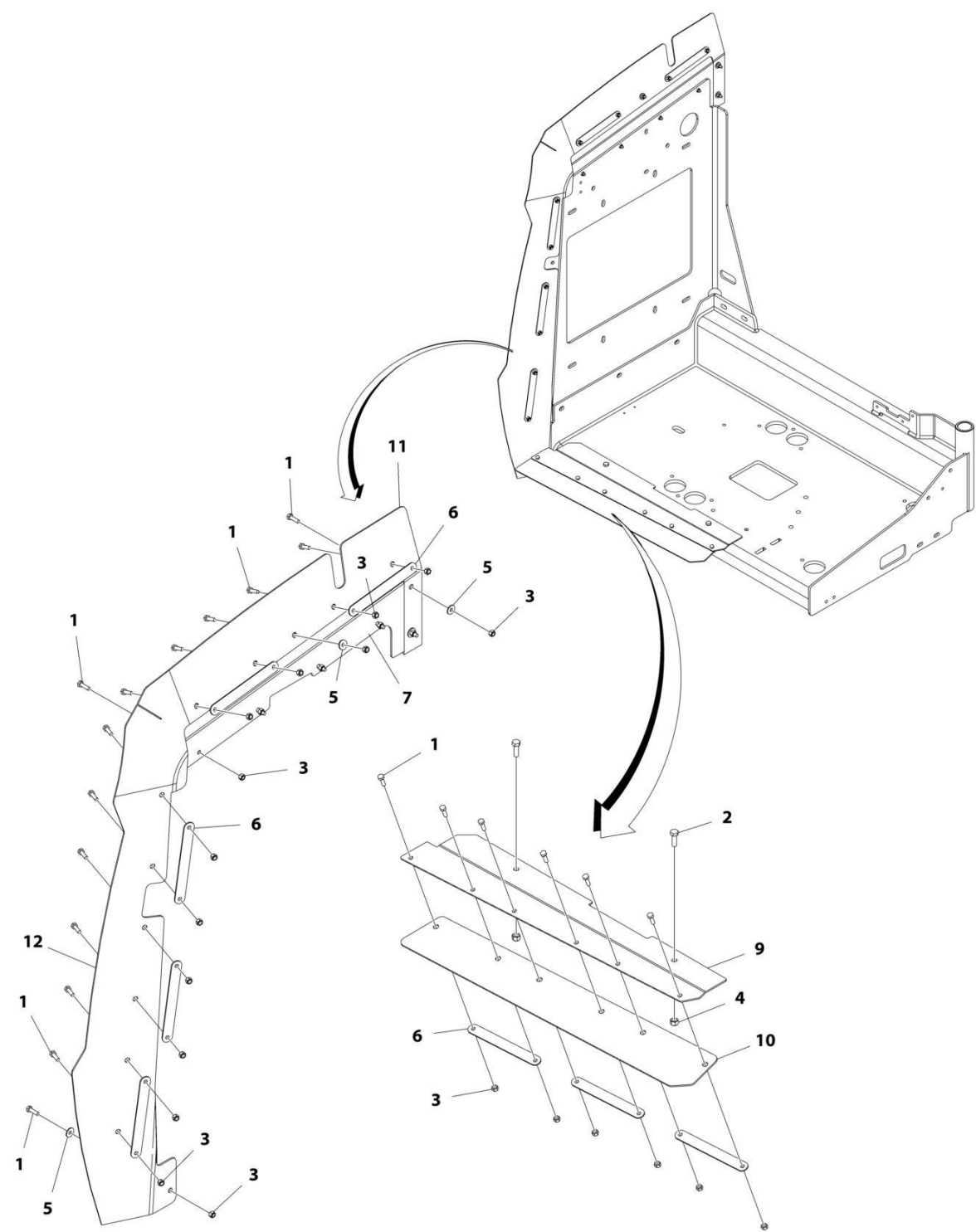
SECTION 3 - ENGINE

FIGURE 3-38. SPARK ARRESTOR INSTALLATION - DEUTZ D2011 ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175071	Ref	SPARK ARRESTOR INSTALLATION	A
1	1320176	1	Clamp	
2	1001170224	1	Muffler, Spark Arresting	
3	1001175068	1	Pipe, Exhaust	

SECTION 3 - ENGINE

FIGURE 3-39. ENGINE BAFFLE INSTALLATION - ABS HOODS (DEUTZ & GM ENGINES)



ART_1001170662

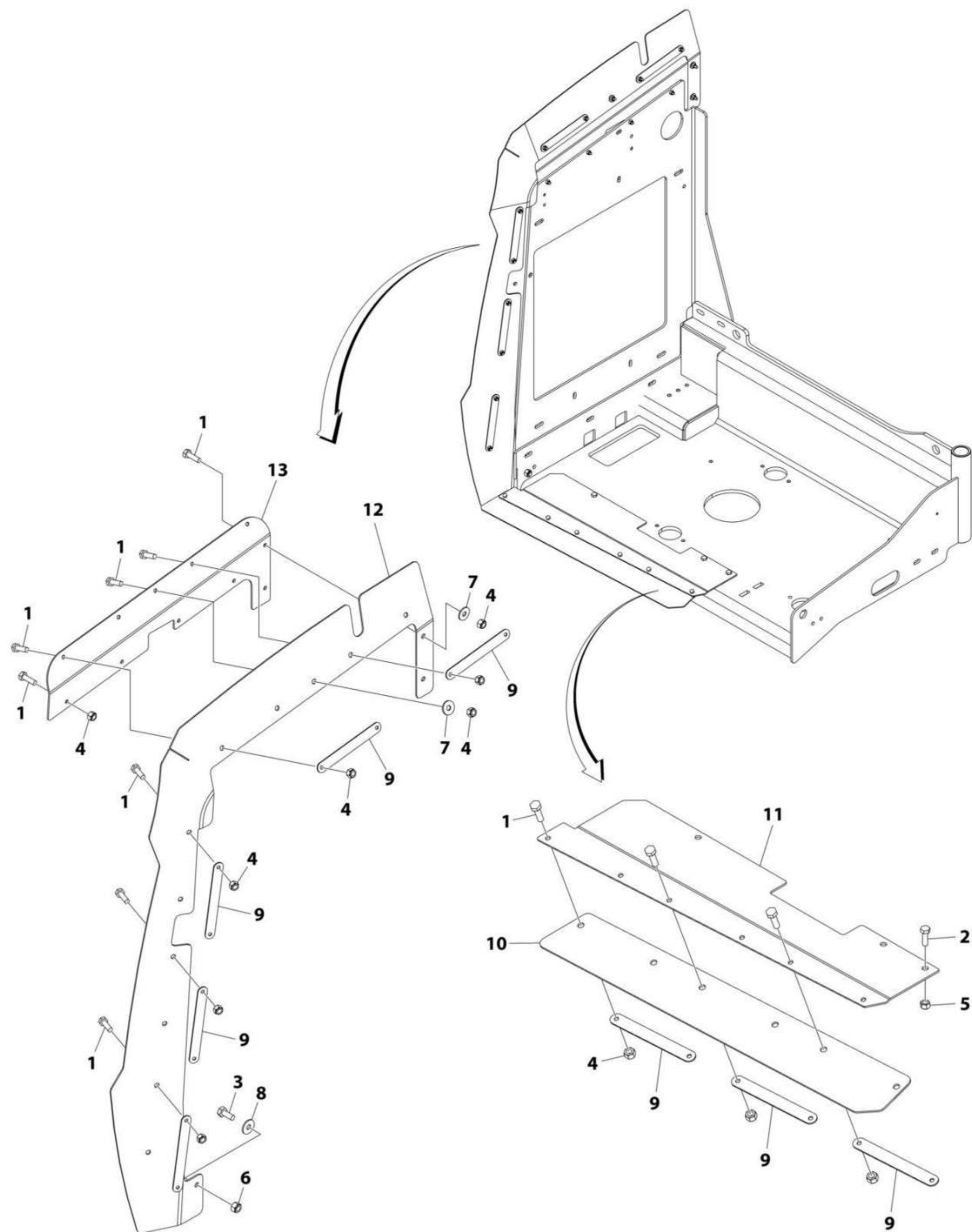
SECTION 3 - ENGINE

FIGURE 3-39. ENGINE BAFFLE INSTALLATION - ABS HOODS (DEUTZ & GM ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170662	Ref	ENGINE BAFFLE INSTALLATION	F
1	0760610	24	Bolt M6 x 20	
2	0760812	2	Bolt M8 x 25	
3	3290605	24	Nut M6 x 1	
4	3290805	2	Nut M8 x 1.25	
5	4811702	4	Washer M6	
6	1001167164	8	Plate, Support	
7	1001170650	1	Bracket	
9	1001170663	1	Bracket	
10	1001170664	1	Seal	
11	1001211877	1	Seal	
12	1001211878	1	Seal	

SECTION 3 - ENGINE

FIGURE 3-40. ENGINE Baffle INSTALLATION - ABS HOODS (KUBOTA ENGINES)



ART_1001216547

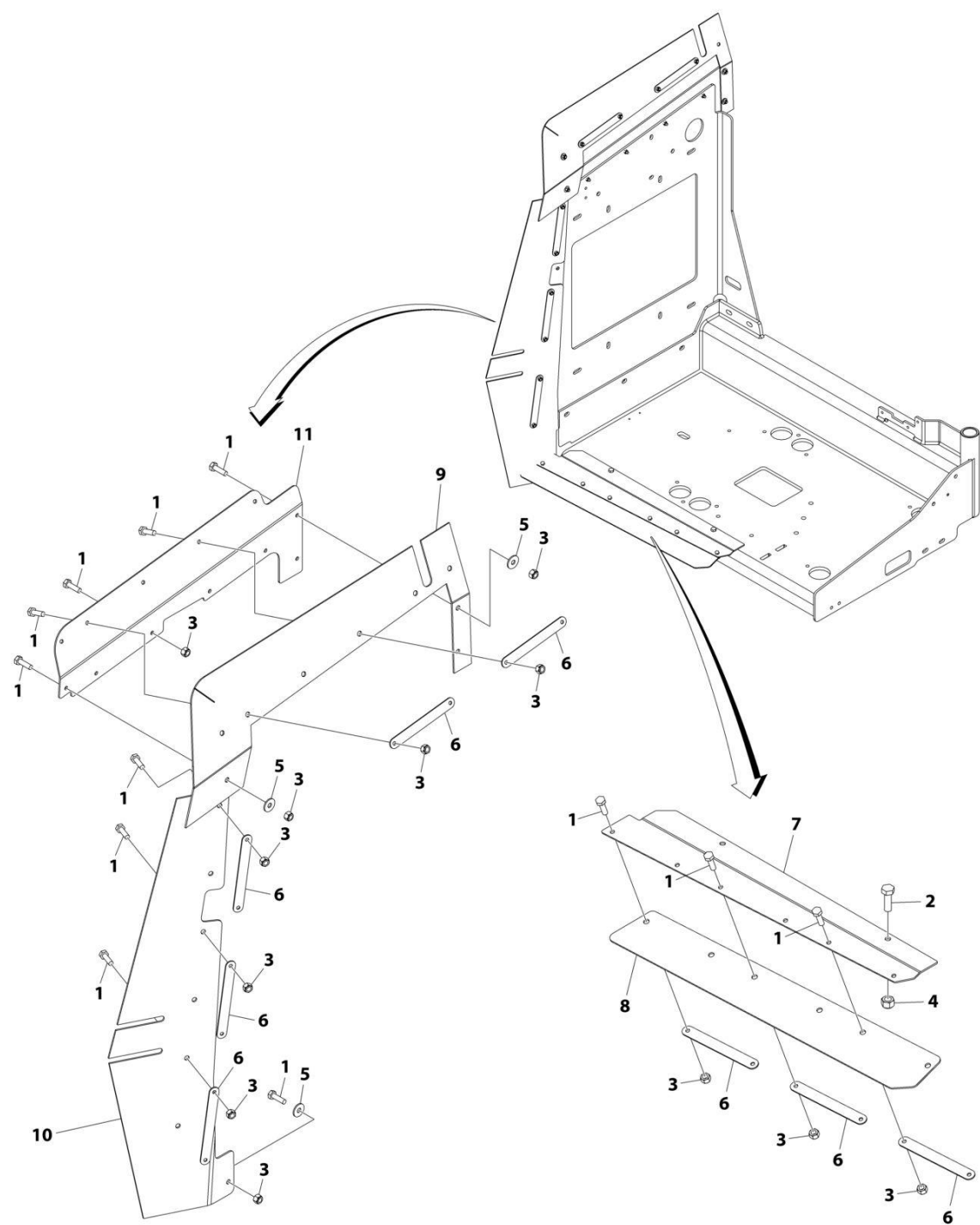
SECTION 3 - ENGINE

FIGURE 3-40. ENGINE BAFFLE INSTALLATION - ABS HOODS (KUBOTA ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216547	Ref	KUBOTA ENGINE BAFFLE INSTALLATION	B
1	0760610	24	Bolt M6 x 20	
2	0760812	3	Bolt M8 x 25	
3	0761012	1	Bolt M10 x 25	
4	3290605	23	Nut M6 x 1	
5	3290805	3	Nut M8 x 1.25	
6	3291005	1	Nut M10	
7	4811702	3	Washer M6	
8	4812002	1	Washer M10	
9	1001167164	8	Plate, Support	
10	1001170664	1	Seal	
11	1001216512	1	Bracket	
12	1001216548	1	Seal	
13	1001216549	1	Bracket	

SECTION 3 - ENGINE

FIGURE 3-41. ENGINE Baffle INSTALLATION - STEEL HOODS



ART_1001223454

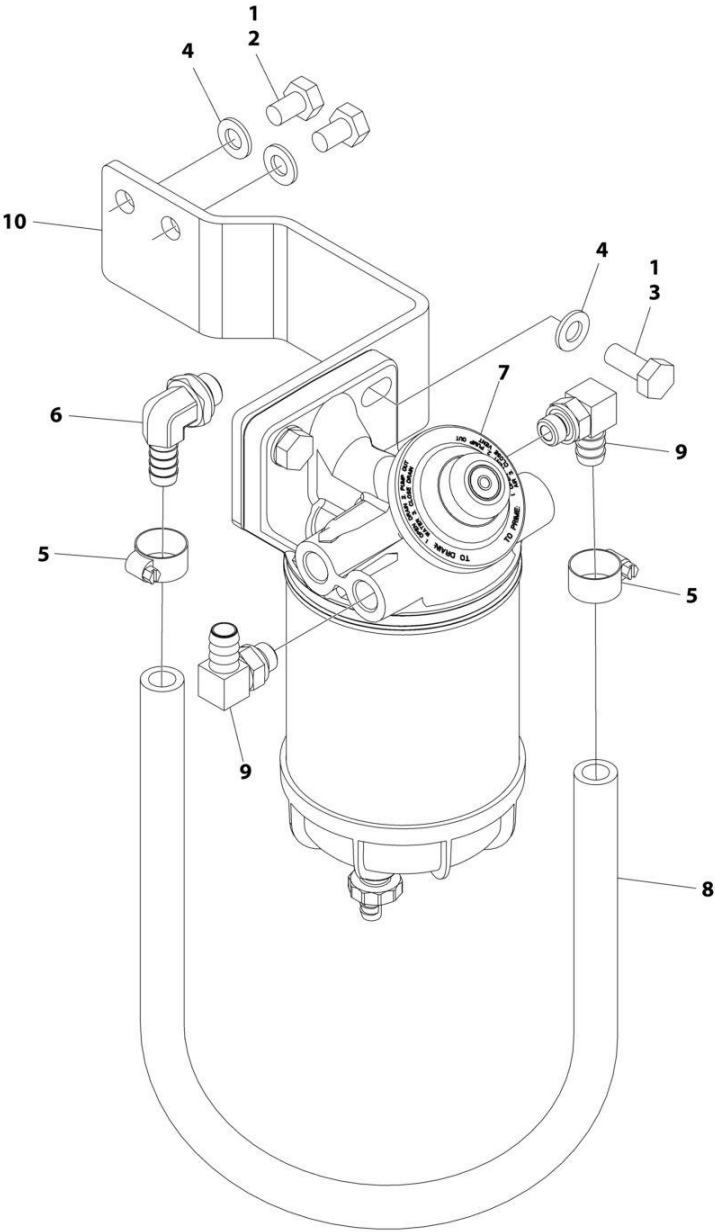
SECTION 3 - ENGINE

FIGURE 3-41. ENGINE BAFFLE INSTALLATION - STEEL HOODS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223454	Ref	STEEL HOOD ENGINE BAFFLE INSTALLATION	A
1	0760610	25	Bolt M6 x 20	
2	0760812	2	Bolt M8 x 25	
3	3290605	25	Nut M6 x 1	
4	3290805	2	Nut M8 x 1.25	
5	4811702	5	Washer M6	
6	1001167164	8	Plate, Support	
7	1001170663	1	Bracket	
8	1001170664	1	Seal	
9	1001223309	1	Seal	
10	1001223310	1	Seal	
11	1001223328	1	Bracket	

SECTION 3 - ENGINE

FIGURE 3-42. FUEL WATER SEPARATOR INSTALLATION - DEUTZ D2.9L4 (CHINA IV) ENGINE



ART_1001259088

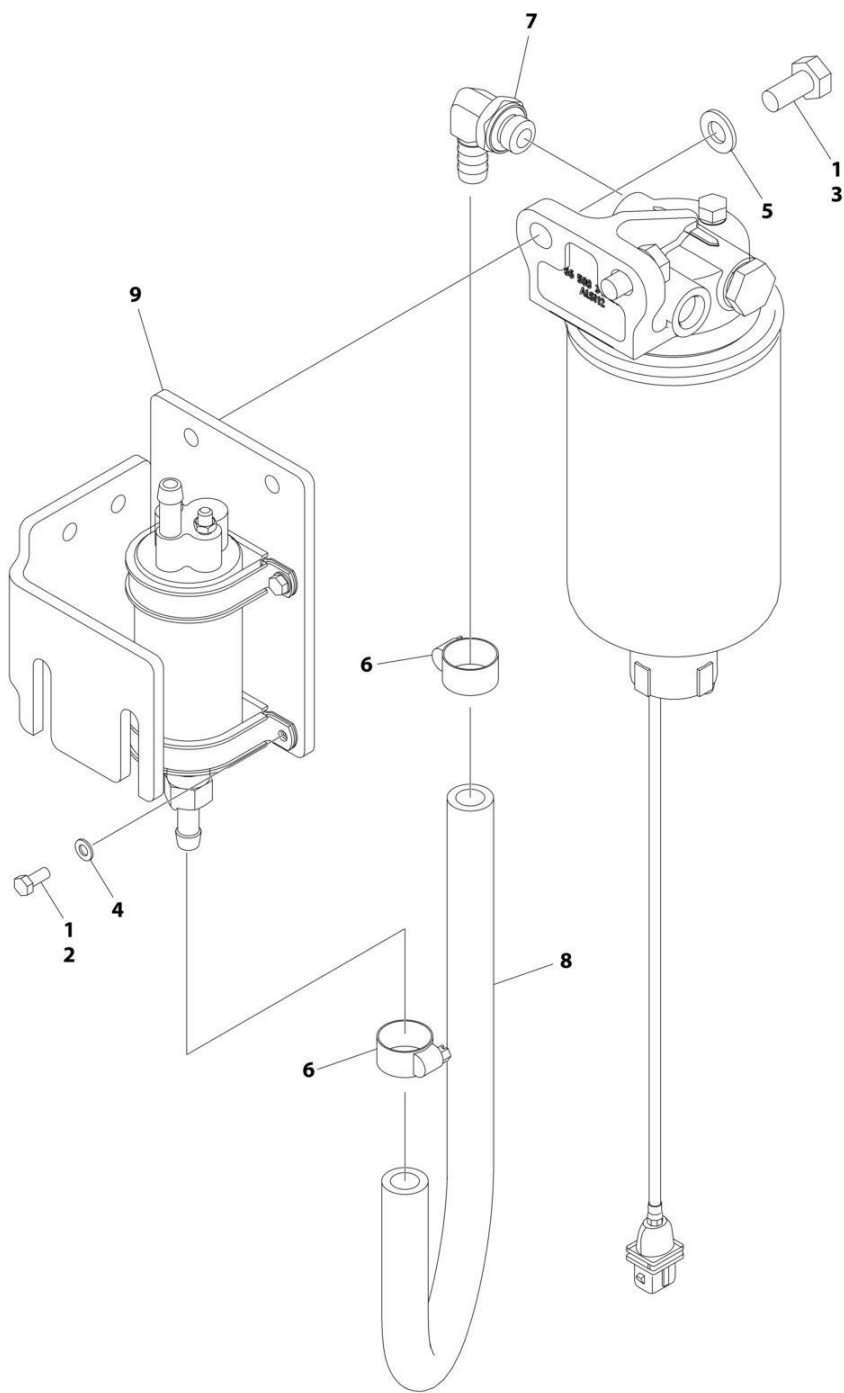
SECTION 3 - ENGINE

FIGURE 3-42. FUEL WATER SEPARATOR INSTALLATION - DEUTZ D2.9L4 (CHINA IV) ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001259088	Ref	FUEL WATER SEPARATOR INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0761008	2	Bolt M10 x 16	
3	0761012	2	Bolt M10 x 25	
4	4812000	4	Washer M10	
5	8405006	2	Clamp	
6	1001142501	1	Fitting 90 Barbed	
7	1001149452	1	Filter	
8	1001154405	27 in /67 cm	Hose	
9	1001258505	2	Fitting 90 Barbed	
10	1001259086	1	Bracket	

SECTION 3 - ENGINE

FIGURE 3-43. FUEL PUMP AND FILTER INSTALLATION - DEUTZ D2.9L4 (CHINA IV) ENGINE



ART_1001259087

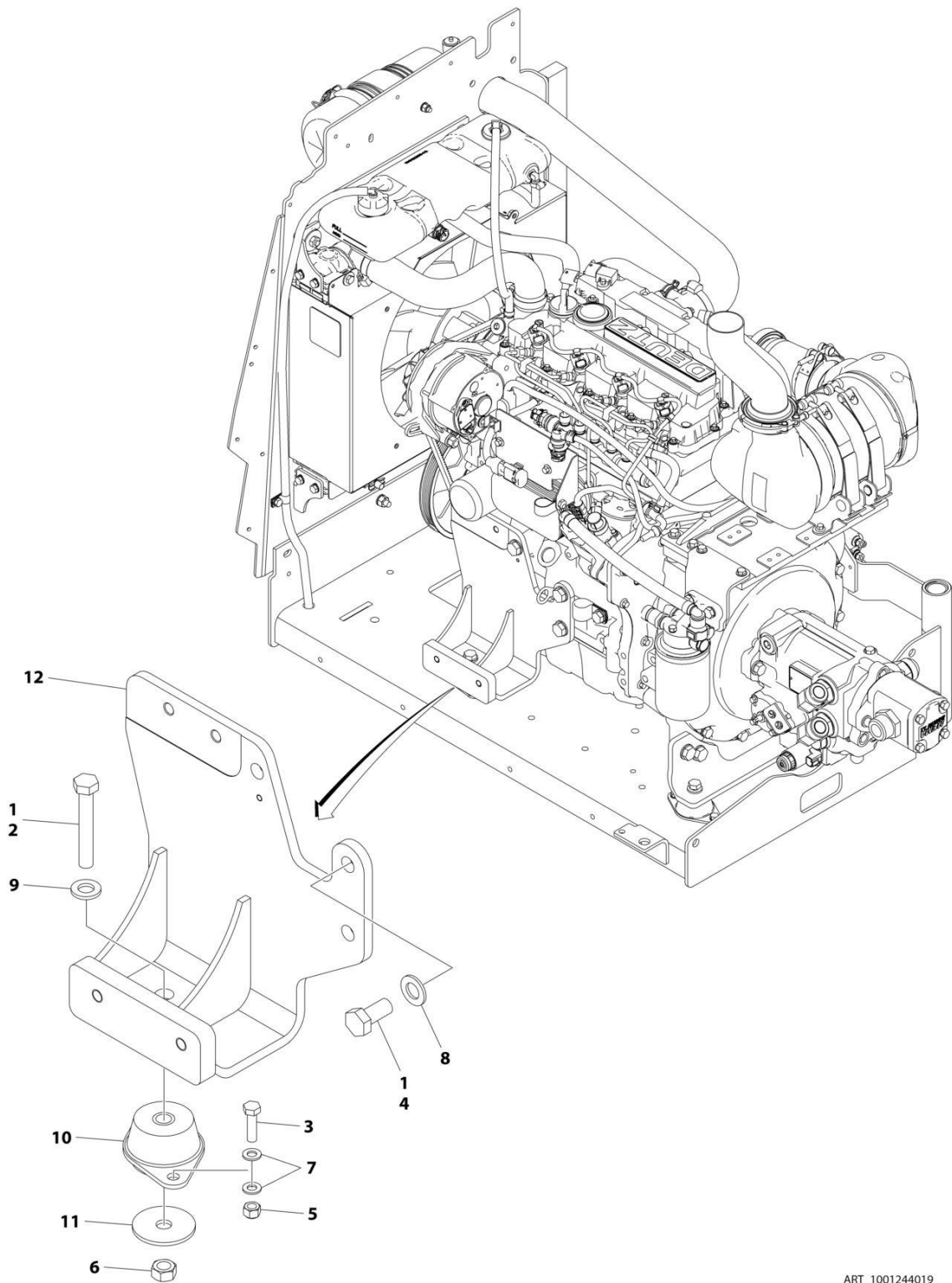
SECTION 3 - ENGINE

FIGURE 3-43. FUEL PUMP AND FILTER INSTALLATION - DEUTZ D2.9L4 (CHINA IV) ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001259087	Ref	FUEL PUMP AND FILTER INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0760506	4	Bolt M5 x 12	
3	0761011	2	Bolt M10 x 22	
4	4811600	4	Washer M5	
5	4812000	2	Washer M10	
6	8405006	2	Clamp	
7	1001142501	1	Fitting 90 Barbed	
8	1001154405	17.75 in /45 cm	Hose	
9	1001259083	1	Bracket	

SECTION 3 - ENGINE

FIGURE 3-44. ENGINE MOUNT (WITH GENERATOR) - DEUTZ D2.9L4 AND DEUTZ D2.9L4 (STAGE V) ENGINES



ART_1001244019

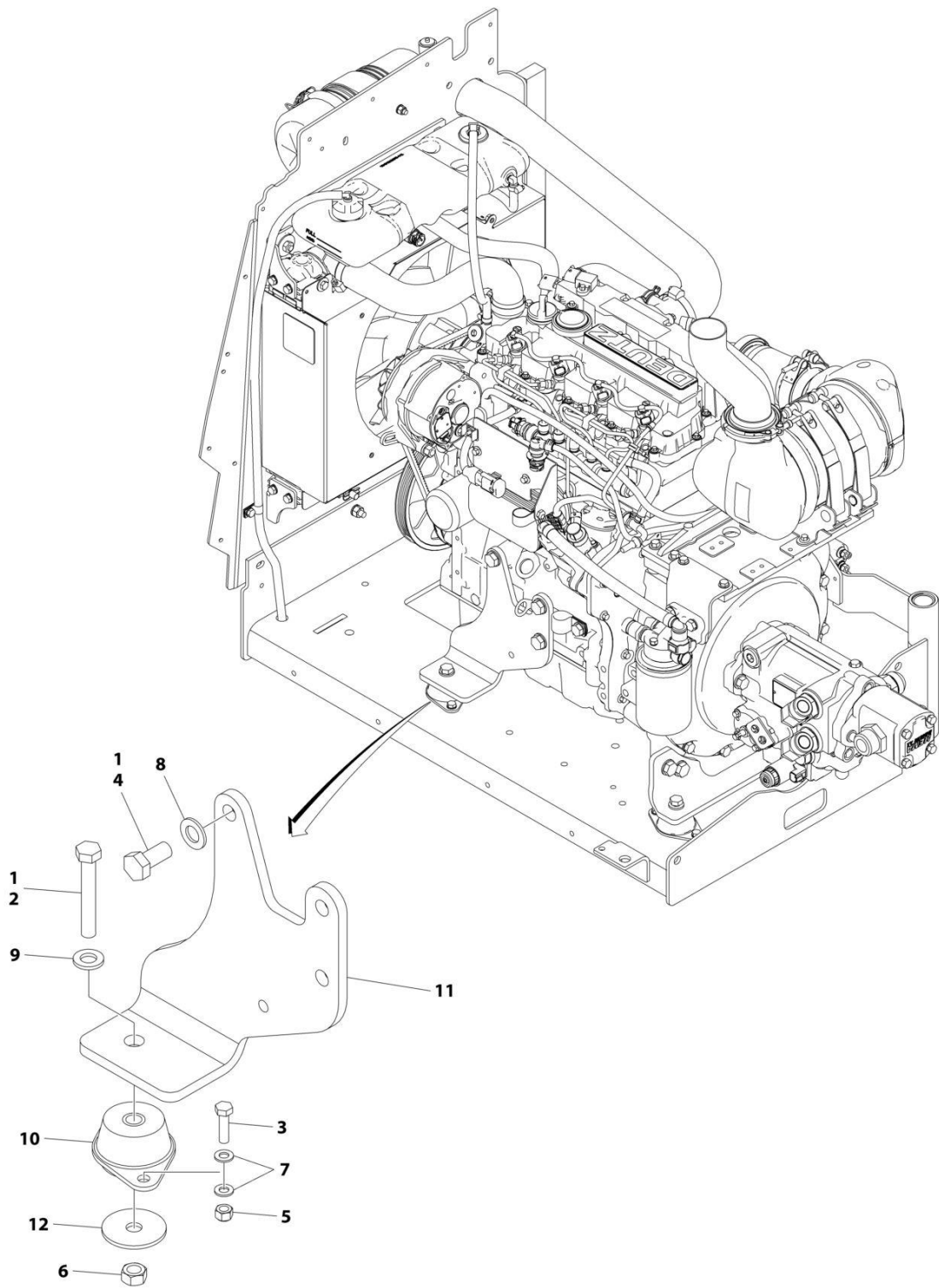
SECTION 3 - ENGINE

FIGURE 3-44. ENGINE MOUNT (WITH GENERATOR) - DEUTZ D2.9L4 AND DEUTZ D2.9L4 (STAGE V) ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244019	Ref	MOTOR MOUNT INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0711224	1	Bolt M12 x 80	
3	0760814	2	Bolt M8 x 30	
4	0771414	3	Bolt M14 x 30	
5	3290805	2	Nut M8	
6	3331211	1	Nut M12	
7	4811900	4	Washer M8	
8	4812200	3	Washer M14	
9	5241200	1	Washer M12	
10	1001166718	1	Mount, Motor	
11	1001168018	1	Washer	
12	1001168207	1	Mount	

SECTION 3 - ENGINE

FIGURE 3-45. ENGINE MOUNT (WITHOUT GENERATOR) - DEUTZ D2.9L4, DEUTZ D2.9L4 (STAGE V) AND DEUTZ D2.9L4 (CHINA IV) ENGINES



ART_1001244024

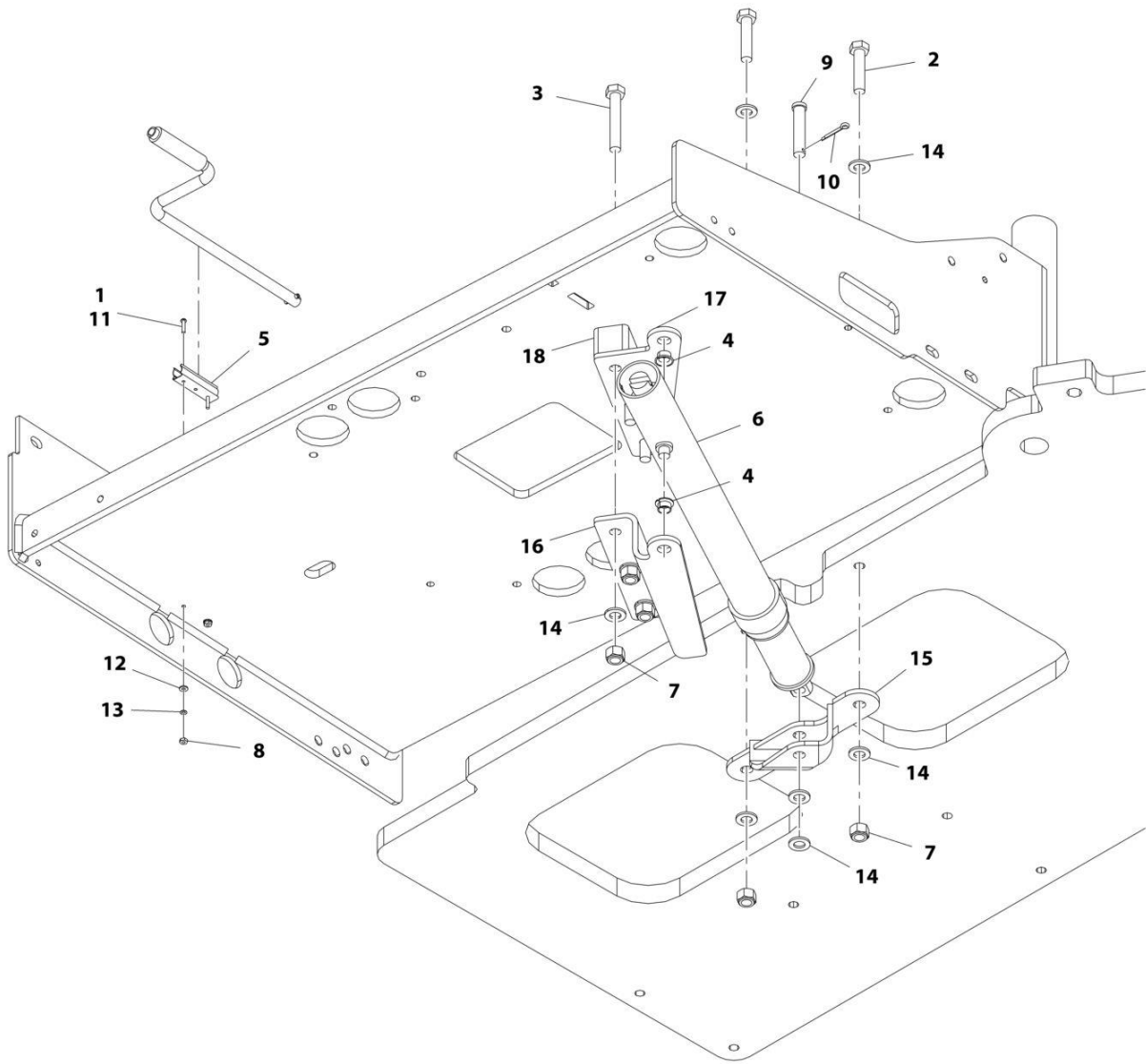
SECTION 3 - ENGINE

**FIGURE 3-45. ENGINE MOUNT (WITHOUT GENERATOR) - DEUTZ D2.9L4, DEUTZ D2.9L4 (STAGE V)
AND DEUTZ D2.9L4 (CHINA IV) ENGINES**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244024	Ref	MOTOR MOUNT INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0711224	1	Bolt M12 x 80	
3	0760814	2	Bolt M8 x 30	
4	0771414	3	Bolt M14 x 30	
5	3290805	2	Nut M8	
6	3331211	1	Nut M12	
7	4811900	4	Washer M8	
8	4812200	3	Washer M14	
9	5241200	1	Washer M12	
10	1001166718	1	Mount, Motor	
11	1001166922	1	Mount	
12	1001168018	1	Washer	

SECTION 3 - ENGINE

FIGURE 3-46. ENGINE TRAY JACK INSTALLATION



ART_1001164202

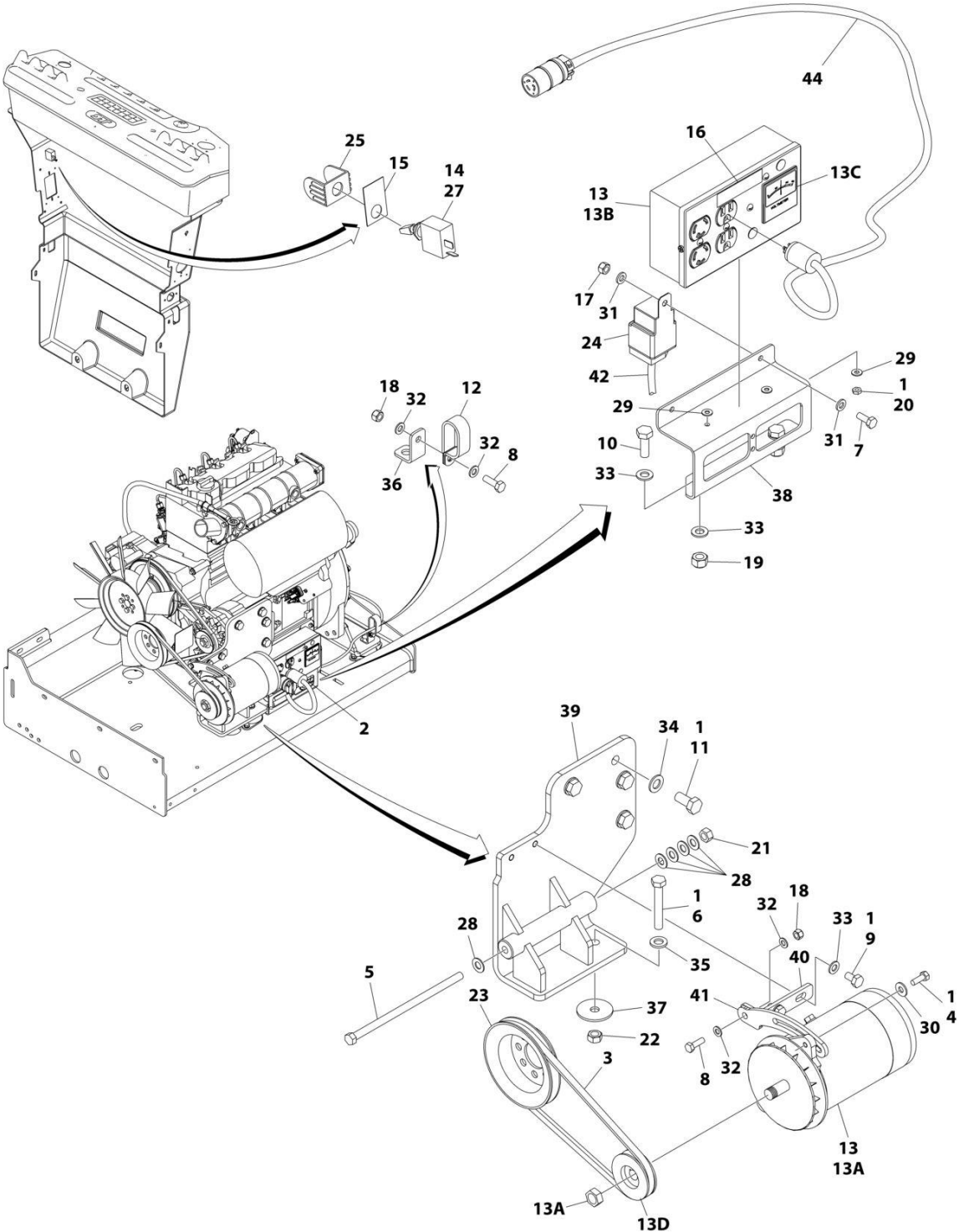
SECTION 3 - ENGINE

FIGURE 3-46. ENGINE TRAY JACK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001164202	Ref	ENGINE TRAY JACK	E
1	0100011	AR	Compound, Locking	
2	0701219	2	Bolt M12 x 55	
3	0701223	AR	Bolt M12 x 75	
3	0701224	AR	Bolt M12 x 80	
4	0962051	2	Bearing	
5	1380147	1	Clip	
6	2840016	1	Screw Jack Assembly	
6	7024598	1	Handle	
6	7016322	1	Wiper	
7	3291205	5	Nut M12 x 1.75	
8	3310601	2	Nut #6	
9	3430820	1	Pin, Clevis	
10	3450404	1	Pin, Cotter	
11	3910610	2	Screw 6 x 5/8	
12	4750600	2	Washer #6	
13	4770600	2	Washer Star #6	
14	4812100	9	Washer M12	
15	1001166894	1	Support, Engine Tray Jack	
16	1001175073	1	Support, Engine Tray Jack	
17	1001175074	1	Support, Engine Tray Jack	
18	1001175075	1	Shim	

SECTION 3 - ENGINE

FIGURE 3-47. GENERATOR INSTALLATION - 2500W/60HZ (DEUTZ D2011 ENGINE)



ART_1001180798

SECTION 3 - ENGINE

FIGURE 3-47. GENERATOR INSTALLATION - 2500W/60HZ (DEUTZ D2011 ENGINE)

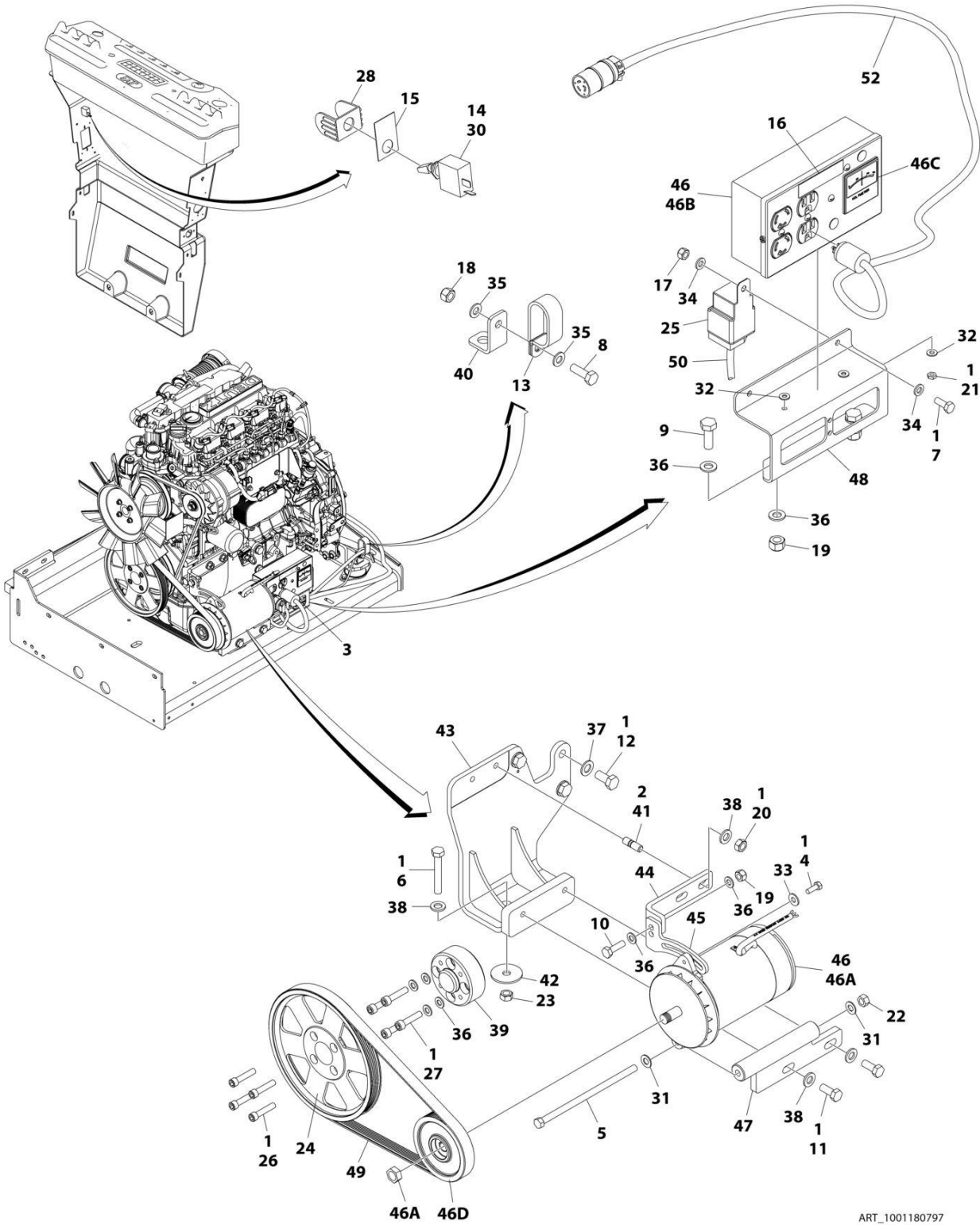
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180798	Ref	GENERATOR INSTALLATION - 2500W/60HZ (DEUTZ D2011 ENGINE)	B
1	0100011	AR	Compound, Locking	
2	0100048	AR	Grease, Dielectric	
3	0480122	1	Belt	
4	0641507	1	Bolt 5/16 x 7/8	
5	0641772	1	Bolt 7/16 x 9	
6	0711224	1	Bolt M12 x 80 Grade 10.9	
7	0760608	1	Bolt M6 x 16	
8	0760812	2	Bolt M8 x 25	
9	0761009	2	Bolt M10 x 18	
10	0761014	2	Bolt M10 x 30	
11	0771414	4	Bolt M14 x 30 Grade 10.9	
12	1321716	1	Clamp	
13	2460055	1	Generator and Control Box Assembly	
13A	7012558	1	Generator	
	See Note	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.	
13A	7026199	1	Armature with Slip Rings	
13A	7012513	3	Cap, Brush Holder	
13A	7020108	4	Brush	
13A	7020109	4	Holder, Brush	
13A	7012514	1	Fan	
13A	7020110	1	Bell, Front	
13A	7020111	1	Bell, Rear	
13A	7020190	1	Bearing	
13B	7019680	1	Box, Control	
13B	4460190	1	Receptacle, Standard	
13B	4460027	1	Receptacle, Twistlock	
13B	4360542	1	Breaker, Circuit	
13B	3520028	1	Plug, Hole	
13B	4460961	1	Connector - 4 Position	
13B	4460705	4	Pin, Male	
13B	4460321	1	Connector - 4 Position (Note: Mate to p/n 4460961 Purchase Separately)	
13B	4460268	3	Socket, Female (Note: Mate to p/n 4460705 Purchase Separately)	
13C	2420203	1	Voltmeter	
13D	3580276	1	Pulley	
13D	7027887	1	Key, Woodruff	
14	2820031	AR	Heat Shrink	
15	See Note	1	Nameplate (Note: Not Available for Purchase)	
16	3251243	1	Nameplate 120V-60Hz	
17	3290605	1	Nut M6	
18	3290805	2	Nut M8	
19	3291005	2	Nut M10	
20	3311001	2	Nut #10	
21	3311705	1	Nut 7/16	
22	3331211	1	Nut M12	
23	3580158	1	Pulley	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
24	3740080	1	Relay	
25	4060802	1	Guard, Switch	
26	4240099	AR	Tie-Strap (Not Shown)	
27	4360336	1	Switch, Toggle	
28	4711700	5	Washer 7/16	
29	4751000	4	Washer #10	
30	4751500	1	Washer 5/16	
31	4811700	2	Washer M6	
32	4811900	4	Washer M8	
33	4812000	6	Washer M10	
34	4812200	4	Washer M14	
35	5241200	1	Washer M12 Hardened	
36	1001148641	1	Bracket	
37	1001168018	1	Washer, Snubbing	
38	1001183477	1	Support	
39	1001184637	1	Mount, Engine	
40	1001184644	1	Support	
41	1001184645	1	Bracket	
42	1001187522	1	Harness, Generator (See Separate Breakdown in ELECTRICAL SECTION)	
43	1001188731	1	Wiring Diagram (Not Shown)	
43	4922641	1	Harness, On/Off Switch (Not Shown - Located at Platform)	
44	1001182296	1	Harness, Inverter	
44	1060494	10 ft/3.5m	Cable, Electrical - 12/3	
44	4460134	1	Receptacle, Female	
44	4460138	1	Plug, Male	

SECTION 3 - ENGINE

FIGURE 3-48. GENERATOR INSTALLATION - 2500W/60HZ (DEUTZ D2.9L4 ENGINE)



ART_1001180797

SECTION 3 - ENGINE

FIGURE 3-48. GENERATOR INSTALLATION - 2500W/60HZ (DEUTZ D2.9L4 ENGINE)

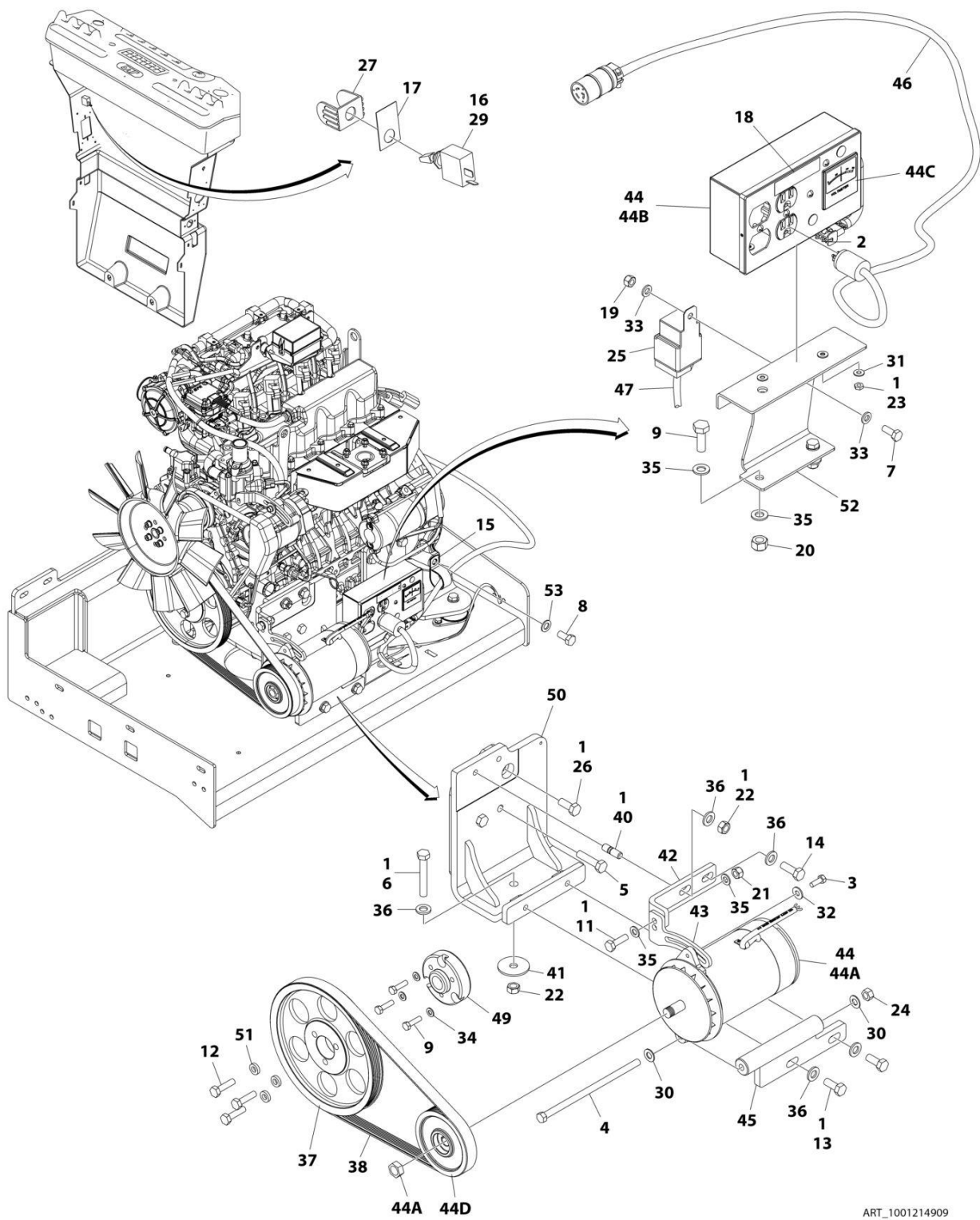
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180797	Ref	GENERATOR INSTALLATION - 2500W/60HZ (DEUTZ D2.9L4 ENGINE)	F
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0641507	1	Bolt 5/16 x 7/8	
5	0641772	1	Bolt 7/16 x 9	
6	0711224	AR	Bolt M12 x 80 Grade 10.9	
7	0760608	1	Bolt M6 x 16	
8	0760812	1	Bolt M8 x 25	
9	0761014	2	Bolt M10 x 30	
10	0761015	1	Bolt M10 x 35	
11	0761214	2	Bolt M12 x 30	
12	0771414	3	Bolt M14 x 30 Grade 10.9	
13	1321716	1	Clamp	
14	2820031	AR	Heat Shrink	
15	See Note	1	Nameplate (Note: Not Available for Purchase)	
16	3251243	1	Nameplate 120V-60Hz	
17	3290605	1	Nut M6	
18	3290805	1	Nut M8	
19	3291005	3	Nut M10	
20	3291201	2	Nut M12	
21	3311001	2	Nut #10	
22	3311705	1	Nut 7/16	
23	3331211	AR	Nut M12	
24	3580320	1	Pulley	
25	3740080	1	Relay	
26	3931628	4	Capscrew 3/8 x 1-3/4	
27	4032014	4	Bolt M10 x 50	
28	4060802	1	Guard, Switch	
29	4240099	AR	Tie-Strap (Not Shown)	
30	4360336	1	Switch, Toggle	
31	4711700	2	Washer 7/16	
32	4751000	4	Washer #10	
33	4751500	1	Washer 5/16	
34	4811700	2	Washer M6	
35	4811900	2	Washer M8	
36	4812000	AR	Washer M10	
37	4812200	AR	Washer M14	
38	5241200	AR	Washer M12 Hardened	
39	1001135679	1	Adapter	
40	1001148641	1	Bracket	
41	1001155041	2	Stud	
42	1001168018	AR	Washer, Snubbing	
43	1001168207	Ref	Support	
44	1001179836	1	Mount, Upper Generator	
45	1001179837	1	Arm Adjustment	
46	1001180001	1	Generator	
46A	7026199	1	Armature with Slip Rings	
46A	7012513	3	Cap, Brush Holder	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
46A	7020108	4	Brush	
46A	7020109	4	Holder, Brush	
46A	7012514	1	Fan	
46A	7020110	1	Bell, Front	
46A	7020111	1	Bell, Rear	
46A	7020190	1	Bearing	
46B	7019680	1	Box, Control	
46B	4460190	1	Receptacle, Standard	
46B	4460027	1	Receptacle, Twistlock	
46B	4360542	1	Breaker, Circuit	
46B	3520028	1	Plug, Hole	
46B	4460961	1	Connector - 4 Position	
46B	4460705	4	Pin, Male	
46B	4460321	1	Connector - 4 Position (Note: Mate to p/n 4460961 Purchase Separately)	
46B	4460268	3	Socket, Female (Note: Mate to p/n 4460705 Purchase Separately)	
46C	2420203	1	Voltmeter	
46D	1001179893	1	Pulley	
46D	7027887	1	Key, Woodruff	
47	1001181243	1	Mount, Lower Generator	
48	1001183477	1	Support	
49	1001148138	1	Belt	
50	1001187522	1	Harness, Generator (See Separate Breakdown in ELECTRICAL SECTION)	
51	1001188731	1	Wiring Diagram (Not Shown)	
51	4922641	1	Harness, On/Off Switch (Not Shown - Located at Platform)	
52	1001182296	1	Harness, Inverter	
52	1060494	10 ft/3.5m	Cable, Electrical - 12/3	
52	4460134	1	Receptacle, Female	
52	4460138	1	Plug, Male	

SECTION 3 - ENGINE

FIGURE 3-49. GENERATOR INSTALLATION - 2500W/60HZ (KUBOTA ENGINE)



ART_1001214909

SECTION 3 - ENGINE

FIGURE 3-49. GENERATOR INSTALLATION - 2500W/60HZ (KUBOTA ENGINE)

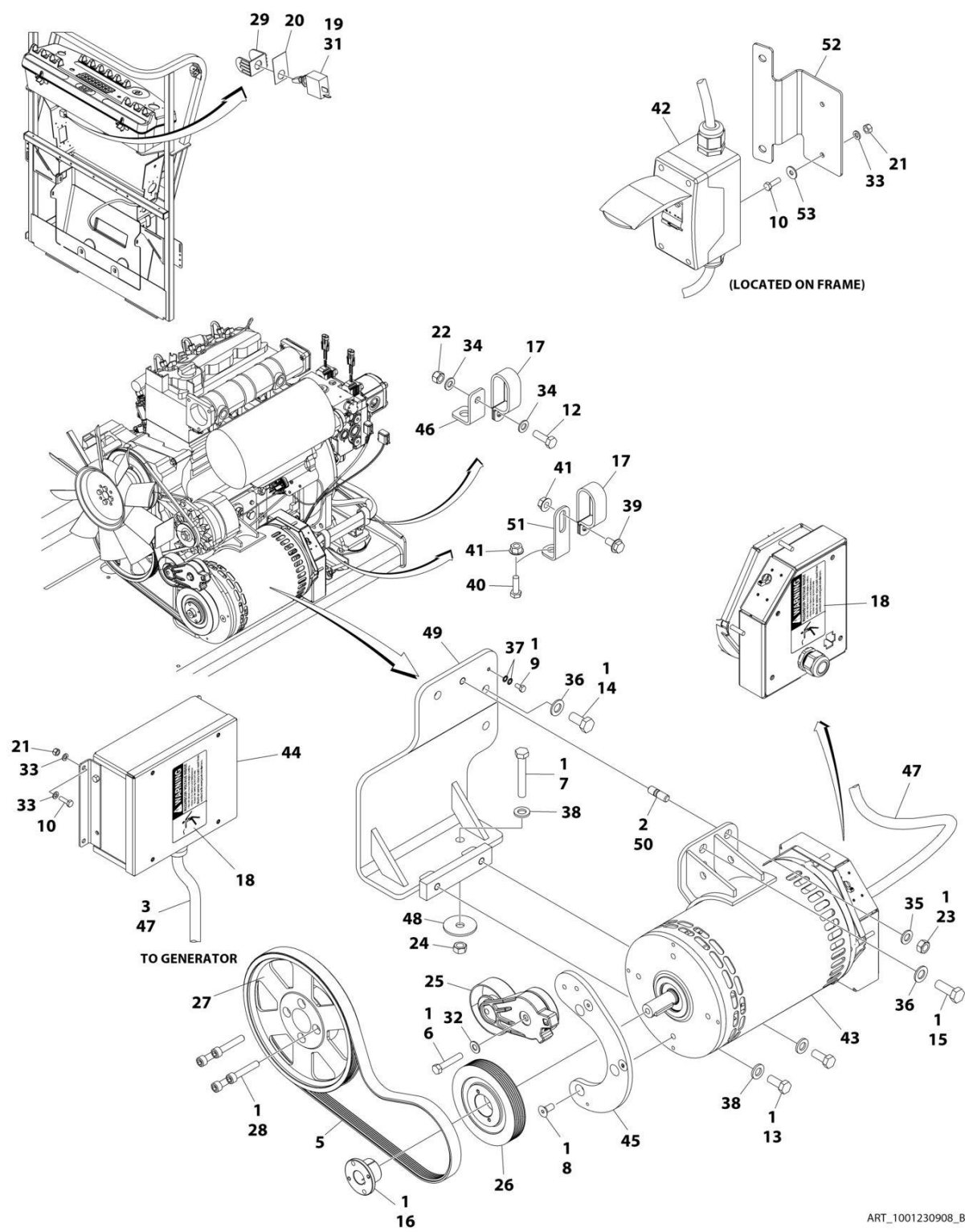
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214909	Ref	GENERATOR INSTALLATION - 2500W/60Hz (KUBOTA ENGINE)	E
1	0100011	AR	Compound, Locking	
2	0100048	AR	Grease, Dielectric	
3	0641507	1	Bolt 5/16 x 7/8	
4	0641772	1	Bolt 7/16 x 9	
5	1001217344	2	Bolt M12 x 50	
6	0711224	AR	Bolt M12 x 80 Grade 10.9	
6	0701224	AR	Bolt M12 x 80	
7	0760608	1	Bolt M6 x 16	
8	1001217345	1	Bolt M14 x 30	
9	0760814	5	Bolt M8 x 30	
11	0761015	1	Bolt M10 x 35	
12	0761016	3	Bolt M10 x 40	
13	0761214	2	Bolt M12 x 30	
14	0761215	1	Bolt M12 x 35	
15	84521061	1	Clamp	
16	2820031	AR	Heat Shrink	
17	See Note	1	Nameplate (Note: Not Available for Purchase)	
18	3251243	1	Nameplate 120V-60Hz	
19	3290605	1	Nut M6	
20	3290805	2	Nut M8	
21	3291005	1	Nut M10	
22	3291201	2	Nut M12	
23	3311001	2	Nut #10	
24	3311705	1	Nut 7/16	
25	3740080	1	Relay	
26	1001217342	1	Bolt M12 x 30	
27	4060802	1	Guard, Switch	
28	4240099	AR	Tie-Strap (Not Shown)	
29	4360336	1	Switch, Toggle	
30	4711700	2	Washer 7/16	
31	4751000	4	Washer #10	
32	4751500	1	Washer 5/16	
33	4811700	2	Washer M6	
34	4811900	5	Washer M8	
35	4812000	4	Washer M10	
36	5241200	1	Washer M12 Hardened	
37	1001147233	1	Pulley	
38	1001148138	1	Belt	
40	1001155041	1	Stud	
41	1001168018	1	Washer, Snubbing	
42	1001179836	1	Mount, Upper Generator	
43	1001179837	1	Arm Adjustment	
44	1001180001	1	Generator	
44A	7026199	1	Armature with Slip Rings	
44A	7012513	3	Cap, Brush Holder	
44A	7020108	4	Brush	
44A	7020109	4	Holder, Brush	
44A	7012514	1	Fan	
44A	7020110	1	Bell, Front	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
44A	7020111	1	Bell, Rear	
44A	7020190	1	Bearing	
44B	7019680	1	Box, Control	
44B	4460190	1	Receptacle, Standard	
44B	4460027	1	Receptacle, Twistlock	
44B	4360542	1	Breaker, Circuit	
44B	3520028	1	Plug, Hole	
44B	4460961	1	Connector - 4 Position	
44B	4460705	4	Pin, Male	
44B	4460321	1	Connector - 4 Position (Note: Mate to p/n 4460961 Purchase Separately)	
44B	4460268	3	Socket, Female (Note: Mate to p/n 4460705 Purchase Separately)	
44C	2420203	1	Voltmeter	
44D	1001179893	1	Pulley	
44D	7027887	1	Key, Woodruff	
45	1001181243	1	Mount, Lower Generator	
46	1001182296	1	Harness, Inverter	
46	1060494	10 ft/ 3.5m	Cable, Electrical - 12/3	
46	4460134	1	Receptacle, Female	
46	4460138	1	Plug, Male	
47	1001187522	1	Harness, Generator (See Separate Breakdown in ELECTRICAL SECTION)	
48	1001188731	1	Wiring Diagram (Not Shown)	
48	4922641	1	Harness, On/Off Switch (Not Shown - Located at Platform)	
49	1001213029	1	Adapter, Pulley	
50	1001214546	1	Support	
51	1001216805	1	Spacer	
52	1001216840	1	Support	
53	4812200	1	Washer M14	

SECTION 3 - ENGINE

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



ART_1001230908_B

SECTION 3 - ENGINE

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

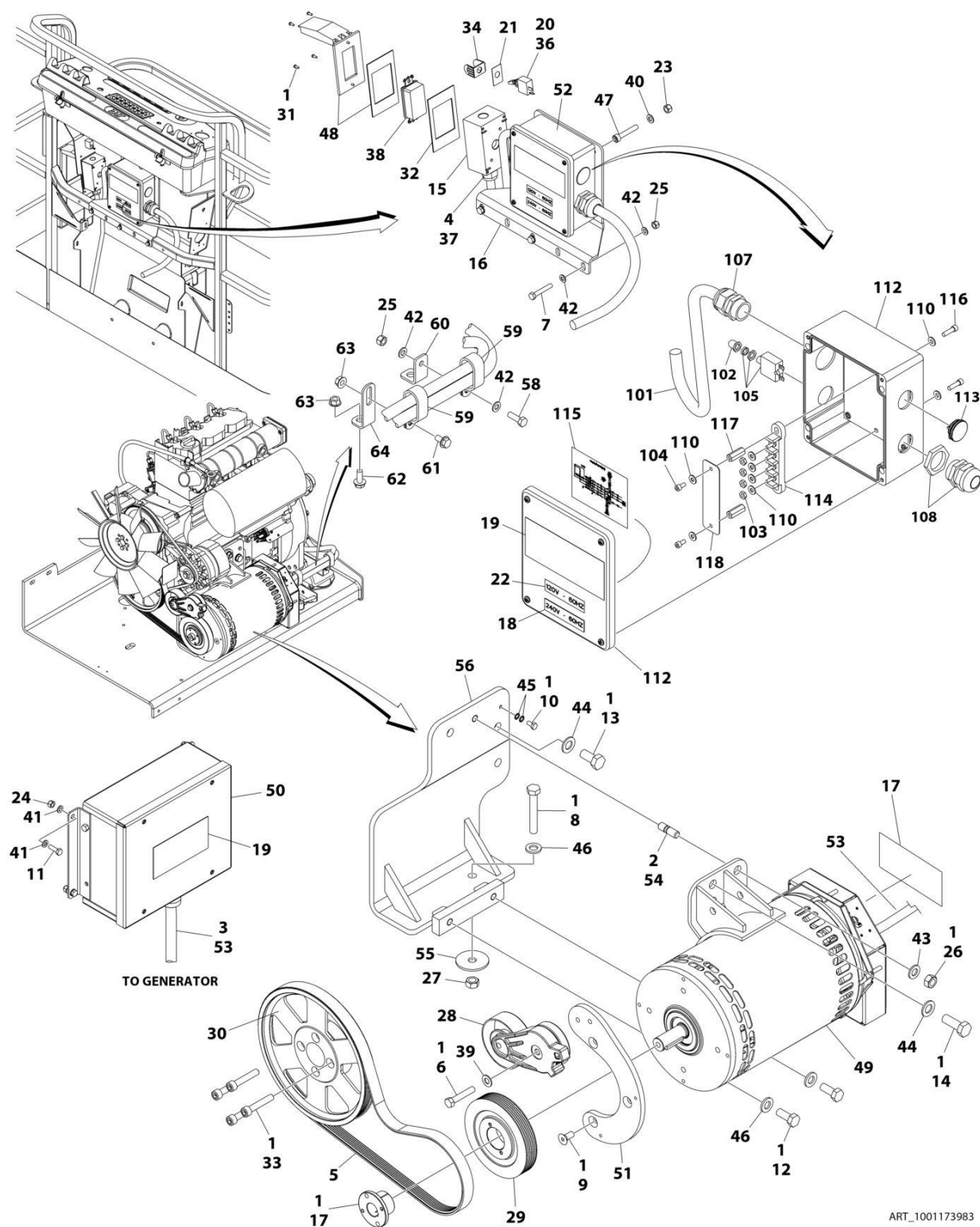
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230908	Ref	4000W/50Hz GENERATOR INSTALLATION - DEUTZ D2011 ENGINES	B
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0100079	AR	Sealant (Not Shown)	
5	0480126	1	Belt	
6	0641616	1	Bolt 3/8 x 2	
7	0711224	1	Bolt M12 x 80 Grade 10.9	
8	0741607	3	Screw 3/8 x 7/8	
9	0760606	1	Bolt M6 x 12	
10	0760610	6	Bolt M6 x 20	
12	0760812	1	Bolt M8 x 25	
13	0761214	2	Bolt M12 x 30	
14	0771414	2	Bolt M14 x 30 Grade 10.9	
15	0771416	1	Bolt M14 x 40	
16	0962520	1	Bushing	
17	1321716	2	Clamp	
18	1705489	2	Decal - Hazardous Voltage	
19	2820031	0.3 ft/ 0.1m	Heat Shrink	
20	3251102	1	Nameplate, Generator	
21	3290605	6	Nut M6	
22	3290805	1	Nut M8	
23	3291201	1	Nut M12	
24	3331211	1	Nut M12	
25	3580317	1	Pulley	
26	3580319	1	Pulley	
27	3580320	1	Pulley	
28	4032015	4	Bolt M10 x 55	
29	4060802	1	Guard, Switch	
30	4240099	AR	Tie-Strap (Not Shown)	
31	4360336	1	Switch, Toggle	
32	4711600	1	Washer 3/8	
33	4811700	10	Washer M6	
34	4811900	2	Washer M8	
35	4812100	1	Washer M12	
36	4812200	3	Washer M14	
37	4871700	2	Washer M6	
38	5241200	3	Washer M12 Hardened	
39	5250808	1	Bolt M8 x 16	
40	5250810	1	Bolt M8 x 20	
41	5260800	2	Flange Nut M8	
42	1001096070	1	Breaker Box Kit (50Hz) (See Separate Breakdown in ELECTRICAL Section)	
43	1001138565	1	Generator Assembly	
43	70003709	1	Ring, Retaining (External)	
43	70003708	1	Ring, Retaining (Internal)	
43	70001966	1	Bearing	
43	70004092	1	Endbell (Shaft End)	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
43	70004171	1	Key	
43	70004676	1	Rotor	
43	70004677	1	Stator	
43	70004678	1	Endbell (Rear)	
43	70004679	1	Cover, Endbell (Rear)	
43	70004680	1	Enclosure, Wiring	
43	70004681	1	Cover, Enclosure	
43	70004682	1	Switch, Reset (Located on Enclosure Cover)	
43	70004683	1	Connector, Strain Relief (Located on Enclosure Cover)	
44	1001138566	1	Box, Control	
45	1001139357	1	Mount, Tensioner	
46	1001148641	1	Bracket	
47	1001152532	1	Harness, Generator (See Separate Breakdown in ELECTRICAL Section)	
48	1001168018	1	Washer, Snubbing	
49	1001173925	1	Mount	
50	1001196382	1	Stud	
51	1001223122	1	Support, P-Clamp	
52	1001230784	1	Bracket	
53	4811702	2	Washer M6	
		Ref	ELECTRICAL DIAGRAM COMPONENTS	
101	4922641	1	Generator Switch Harness (Not Shown)	

SECTION 3 - ENGINE

FIGURE 3-51. GENERATOR INSTALLATION - 4000W/60HZ (DEUTZ D2011 ENGINE)



ART_1001173983

SECTION 3 - ENGINE

FIGURE 3-51. GENERATOR INSTALLATION - 4000W/60HZ (DEUTZ D2011 ENGINE)

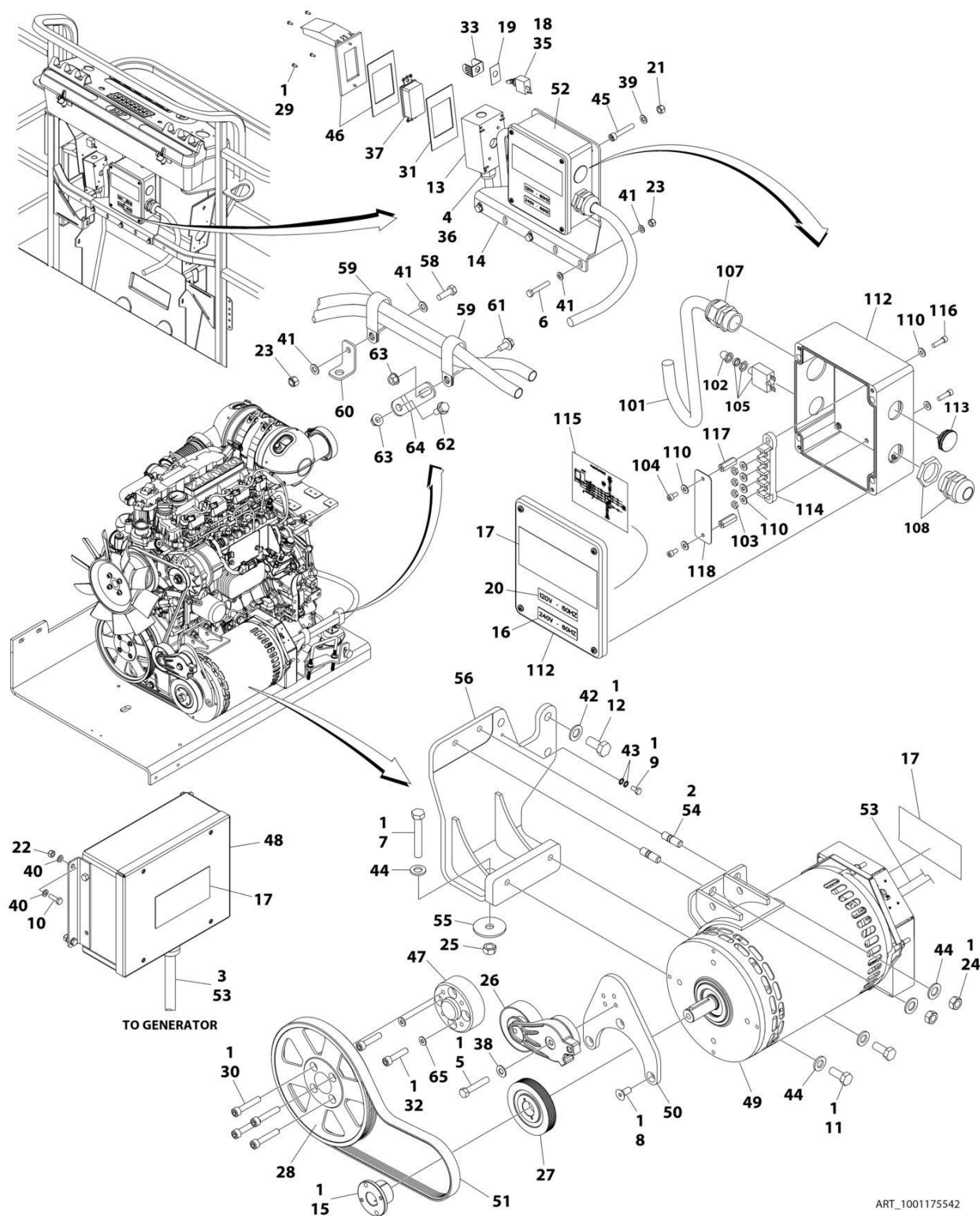
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173983	Ref	GENERATOR INSTALLATION - 4000W/60HZ (DEUTZ D2011 ENGINE)	F
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0100079	AR	Sealant	
5	0480128	1	Belt	
6	0641616	1	Bolt 3/8 x 2	
7	0700818	3	Bolt M8 x 50	
8	0711224	1	Bolt M12 x 80 Grade 10.9	
9	0741607	3	Screw 3/8 x 7/8	
10	0760606	1	Bolt M6 x 12	
11	0760610	4	Bolt M6 x 20	
12	0761214	2	Bolt M12 x 30	
13	0771414	2	Bolt M14 x 30 Grade 10.9	
14	0771416	1	Bolt M14 x 40	
15	0860038	1	Box, Switch	
16	0902888	1	Bracket	
17	0962520	1	Bushing	
18	1705374	1	Decal - 240V-60Hz	
19	1705387	3	Decal - Hazardous Voltage	
20	2820031	AR	Heat Shrink	
21	See Note	1	Nameplate (Note: Not Available for Purchase)	
22	3251243	1	Nameplate 120V-60Hz	
23	3290505	4	Nut M5	
24	3290605	4	Nut M6	
25	3290805	4	Nut M8	
26	3291201	2	Nut M12	
27	3331211	1	Nut M12	
28	3580317	1	Pulley	
29	3580318	1	Pulley	
30	3580320	1	Pulley	
31	3910606	4	Screw #6 x 3/8	
32	3960422	1	Gasket	
33	4032015	4	Bolt M10 x 55	
34	4060802	1	Guard, Switch	
35	4240099	AR	Tie-Strap (Not Shown)	
36	4360336	1	Switch, Toggle	
37	4460071	1	Connector, Strain Relief	
38	4460346	1	Receptacle	
39	4711600	1	Washer 3/8	
40	4811600	4	Washer M5	
41	4811700	8	Washer M6	
42	4811900	8	Washer M8	
43	4812100	1	Washer M12	
44	4812200	3	Washer M14	
45	4871700	2	Washer M6	
46	5241200	3	Washer M12 Hardened	
47	1001104029	4	Screw M5 x 30	
48	1001110873	1	Shield, Cover	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49	1001129858	1	Generator	
49	70003709	1	Ring, Retaining (External)	
49	70003708	1	Ring, Retaining (Internal)	
49	70001966	1	Bearing	
49	70004092	1	Endbell (Shaft End)	
49	70004171	1	Key	
49	70004676	1	Rotor	
49	70004684	1	Stator	
49	70004678	1	Endbell (Rear)	
49	70004679	1	Cover, Endbell (Rear)	
49	70004680	1	Enclosure, Wiring	
49	70004685	1	Cover, Enclosure	
49	70004682	1	Switch, Reset (Located on Enclosure Cover)	
49	70004098	1	Connector, Strain Relief (Located on Enclosure Cover)	
50	1001138566	1	Box, Control	
50	70006552	1	Capacitor	
50	70006553	1	Relay	
51	1001139357	1	Mount, Tensioner	
52	1001152457	1	Generator Junction Box Assembly (See Items 101-118 for Breakdown)	
53	1001152532	1	Harness, Generator (See Separate Breakdown in ELECTRICAL SECTION)	
54	1001196382	1	Stud	
55	1001168018	1	Washer, Snubbing	
56	1001173925	1	Mount	
57	1001175631	1	Wiring Diagram (Not Shown)	
57	4922641	1	Harness, On/Off Switch (Not Shown - Located at Platform)	
58	0760812	1	Bolt M8 x 25	
59	1321716	2	Clamp	
60	1001148641	1	Bracket	
61	5250808	1	Bolt M8 x 16	
62	5250810	1	Bolt M8 x 20	
63	5260800	2	Nut M8	
64	1001223122	1	Support	
	1001152457	Ref	GENERATOR JUNCTION BOX COMPONENTS	
101	1001179154	2.5 ft/ 0.8m	Cable, Electrical - 12/3	
102	3300396	1	Cover, Breaker	
103	3311001	4	Nut #10	
104	3900300	2	Screw	
105	4360070	1	Breaker, Circuit - 15Amp	
107	4460425	1	Connector, Strain Relief (LH Side)	
108	4460426	1	Connector, Strain Relief (RH Side)	
110	4711000	8	Washer #10	
112	1001152456	1	Box, Junction	
113	1001152525	1	Plug	
114	1001152530	1	Terminal, Block	
115	1001153260	1	Decal - Wiring Diagram	
116	3900267	2	Screw	
117	1001158008	2	Stand-Off	
118	1001158363	1	Cover, Terminal Block	

SECTION 3 - ENGINE

FIGURE 3-52. GENERATOR INSTALLATION - 4000W/60HZ (DEUTZ D2.9L4 ENGINE)



ART_1001175542

SECTION 3 - ENGINE

FIGURE 3-52. GENERATOR INSTALLATION - 4000W/60HZ (DEUTZ D2.9L4 ENGINE)

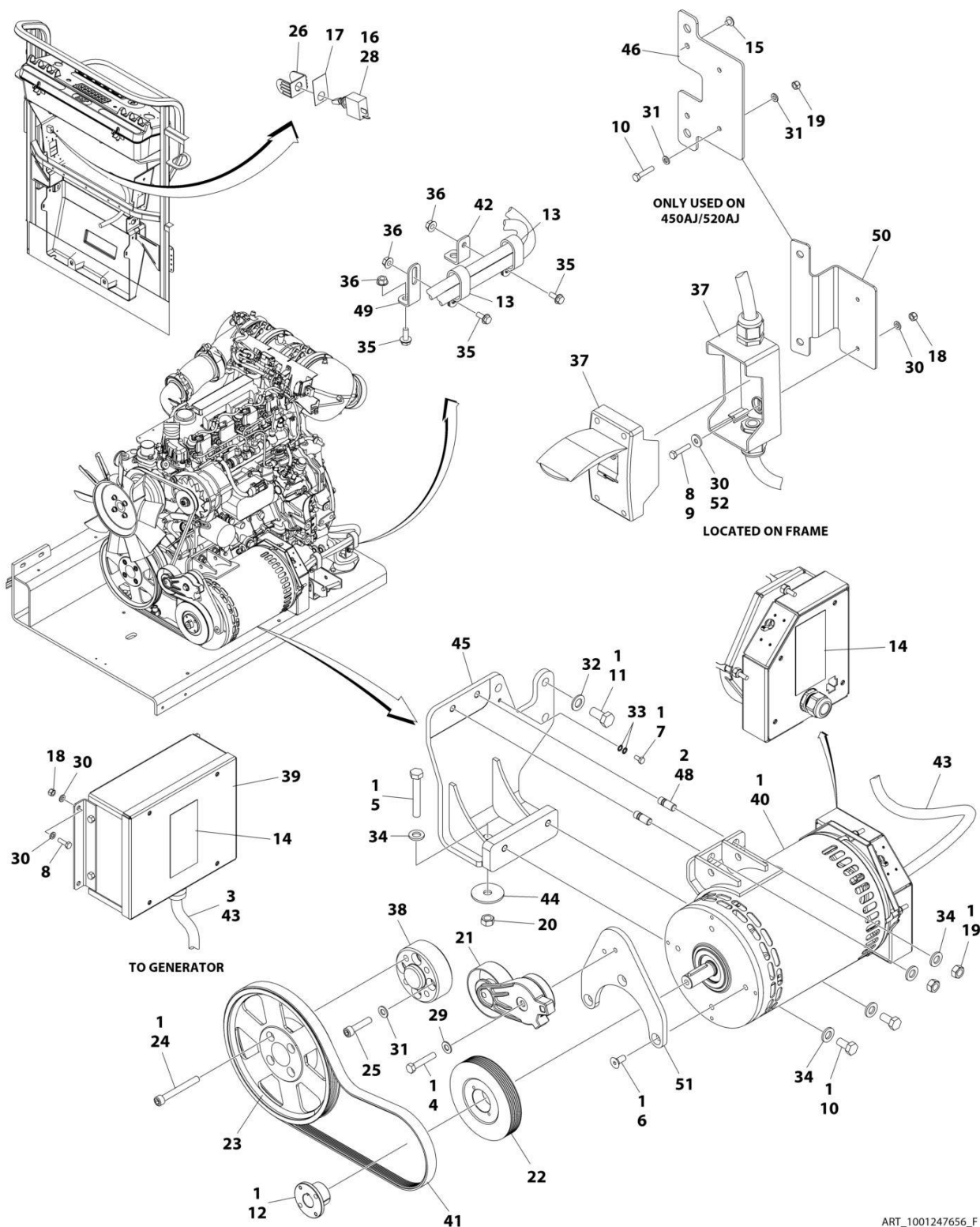
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175542	Ref	GENERATOR INSTALLATION - 4000W/60HZ (DEUTZ D2.9L4 ENGINE)	J
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0100079	AR	Sealant	
5	0641616	1	Bolt 3/8 x 2	
6	0700818	3	Bolt M8 x 50	
7	0711224	AR	Bolt M12 x 80 Grade 10.9	
8	0741607	3	Screw 3/8 x 7/8	
9	0760606	1	Bolt M6 x 12	
10	0760610	4	Bolt M6 x 20	
11	0761212	2	Bolt M12 x 25	
12	0771414	AR	Bolt M14 x 30 Grade 10.9	
13	0860038	1	Box, Switch	
14	0902888	1	Bracket	
15	0962520	1	Bushing	
16	1705374	1	Decal - 240V-60Hz	
17	1705387	3	Decal - Hazardous Voltage	
18	2820031	AR	Heat Shrink	
19	See Note	1	Nameplate (Note: Not Available for Purchase)	
20	3251243	1	Nameplate 120V-60Hz	
21	3290505	4	Nut M5	
22	3290605	4	Nut M6	
23	3290805	4	Nut M8	
24	3291201	2	Nut M12	
25	3331211	AR	Nut M12	
26	3580317	1	Pulley	
27	3580318	1	Pulley	
28	3580320	1	Pulley	
29	3910606	4	Screw #6 x 3/8	
30	3931628	4	Capscrew 3/8 x 1-3/4	
31	3960422	1	Gasket	
32	4032014	4	Capscrew M10 x 50	
33	4060802	1	Guard, Switch	
34	4240099	AR	Tie-Strap (Not Shown)	
35	4360336	1	Switch, Toggle	
36	4460071	1	Connector, Strain Relief	
37	4460346	1	Receptacle	
38	4711600	1	Washer 3/8	
39	4811600	4	Washer M5	
40	4811700	8	Washer M6	
41	4811900	8	Washer M8	
42	4812200	AR	Washer M14	
43	4871700	2	Washer M6	
44	5241200	AR	Washer M12 Hardened	
45	1001104029	4	Screw M5 x 30	
46	1001110873	1	Shield, Cover	
47	1001135679	1	Adapter	
48	1001138566	1	Box, Control	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49	1001140346	1	Generator Assembly	
49	70003709	1	Ring, Retaining (External)	
49	70003708	1	Ring, Retaining (Internal)	
49	70001966	1	Bearing	
49	70004092	1	Endbell (Shaft End)	
49	70004099	1	Key	
49	70004676	1	Rotor	
49	70004687	1	Stator	
49	70004678	1	Endbell (Rear)	
49	70004679	1	Cover, Endbell (Rear)	
49	70004680	1	Enclosure, Wiring	
49	70004685	1	Cover, Enclosure	
49	70004682	1	Switch, Reset (Located on Enclosure Cover)	
49	70004098	1	Connector, Strain Relief (Located on Enclosure Cover)	
50	1001142643	1	Support	
51	1001142646	1	Belt	
52	1001152457	1	Generator Junction Box Assembly (See Items 101-118 for Breakdown)	
53	1001152532	1	Harness, Generator (See Separate Breakdown in ELECTRICAL SECTION)	
54	1001196382	2	Stud	
55	1001168018	AR	Washer, Snubbing	
56	1001168207	Ref	Support	
57	1001175631	1	Wiring Diagram (Not Shown)	
57	4922641	1	Harness, On/Off Switch (Not Shown - Located at Platform)	
58	0760812	1	Bolt M8 x 25	
59	1321716	2	Clamp	
60	1001148641	1	Bracket	
61	5250808	1	Bolt M8 x 16	
62	5250810	1	Bolt M8 x 20	
63	5260800	2	Nut M8	
64	1001223122	1	Support	
65	4812000	4	Washer M10	
	1001152457	Ref	GENERATOR JUNCTION BOX COMPONENTS	
101	1001179154	2.5 ft/ 0.8m	Cable, Electrical - 12/3	
102	3300396	1	Cover, Breaker	
103	3311001	4	Nut #10	
104	3900300	2	Screw	
105	4360070	1	Breaker, Circuit - 15Amp	
107	4460425	1	Connector, Strain Relief (LH Side)	
108	4460426	1	Connector, Strain Relief (RH Side)	
110	4711000	8	Washer #10	
112	1001152456	1	Box, Junction	
113	1001152525	1	Plug	
114	1001152530	1	Terminal, Block	
115	1001153260	1	Decal - Wiring Diagram	
116	3900267	2	Screw	
117	1001158008	2	Stand-Off	
118	1001158363	1	Cover, Terminal Block	

SECTION 3 - ENGINE

FIGURE 3-53. GENERATOR INSTALLATION - 4000W/50HZ (DEUTZ STAGE V ENGINE)



ART_1001247656_F

SECTION 3 - ENGINE

FIGURE 3-53. GENERATOR INSTALLATION - 4000W/50HZ (DEUTZ STAGE V ENGINE)

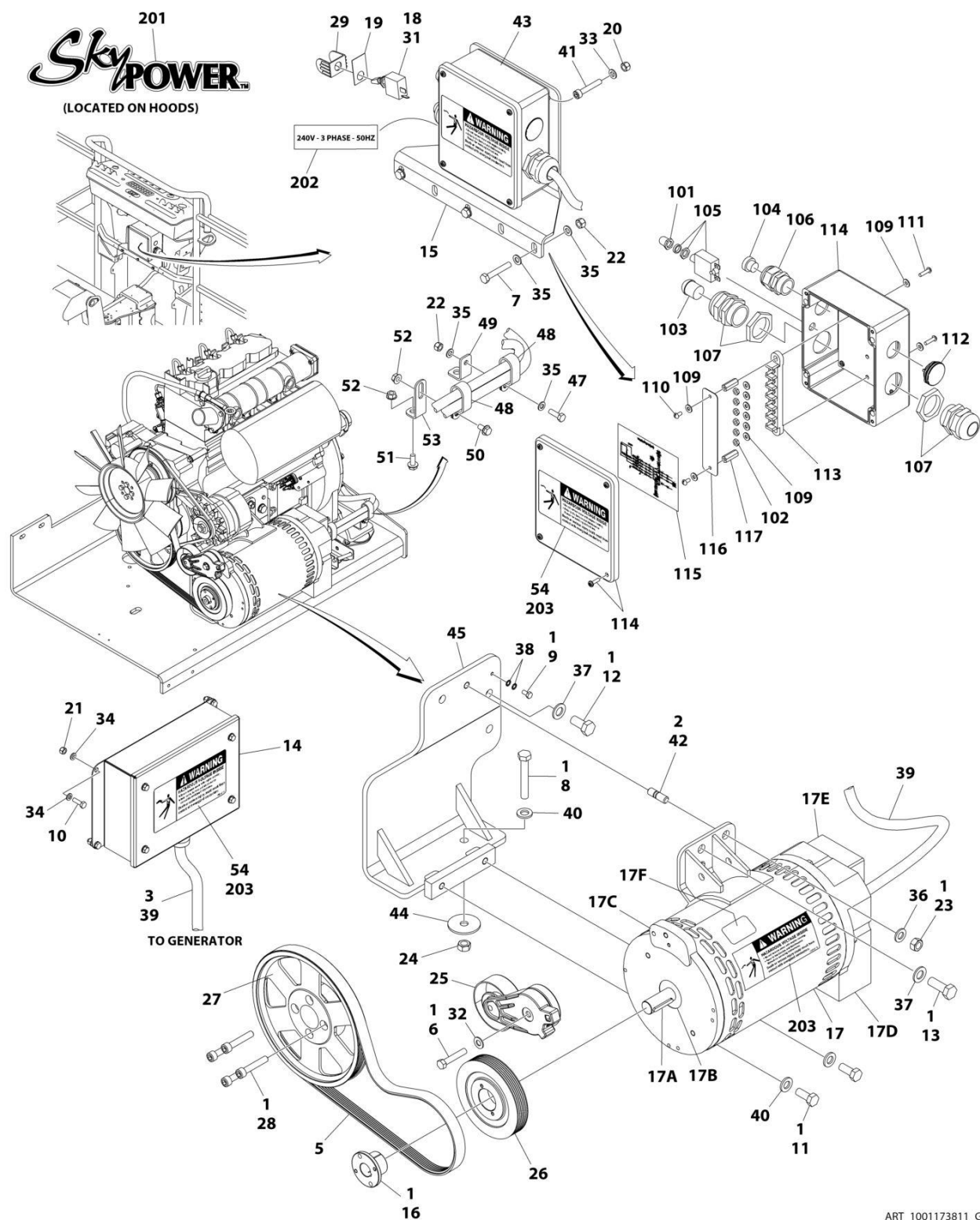
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001247656	Ref	GENERATOR INSTALLATION - 4000W/50HZ (DEUTZ (STAGE V) ENGINE)	F
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0641616	1	Bolt 3/8 x 2	
5	0711224	AR	Bolt M12 x 80	
6	0741607	3	Screw 3/8 x 7/8	
7	0760606	1	Bolt M6 x 12	
8	0760610	AR	Bolt M6 x 20	
9	0760614	AR	Bolt M6 x 30	
10	0761212	2	Bolt M12 x 25	
11	0771414	AR	Bolt M14 x 30	
12	0962520	1	Bushing	
13	1321716	2	Clamp	
14	1705489	2	Decal - Hazardous Voltage	
15	2080040	2	Fastener, Huck	
16	2820031	0.33 ft /0.10m	Heat Shrink	
17	3251102	1	Nameplate, Generator	
18	3290605	AR	Nut M6	
19	3291201	2	Nut M12	
20	3331211	AR	Nut M12	
21	3580317	1	Pulley	
22	3580319	1	Pulley	
23	1001260432	1	Pulley	
24	1001261085	4	Capscrew M10 x 85	
25	1001261045	4	Capscrew M10 x 45	
26	4060802	1	Guard, Switch	
27	4240099	AR	Tie-Strap (Not Shown)	
28	4360336	1	Switch, Toggle	
29	4711600	1	Washer 3/8	
30	4811700	12	Washer M6	
31	4812000	4	Washer M14	
32	4812200	AR	Washer M14	
33	4871700	2	Washer M6	
34	5241200	AR	Washer M12 Hardened	
35	5250810	3	Bolt M8 x 20	
36	5260800	3	Nut M8	
37	1001096070	1	Breaker Box Kit (50Hz) (See Separate Breakdown in ELECTRICAL Section)	
38	1001135679	1	Adapter	
39	1001138566	1	Box, Control	
40	1001140347	1	Generator, 4000W/ 50HZ - Deutz Engine	
40	70003709	1	Ring, Retaining (External)	
40	70003708	1	Ring, Retaining (Internal)	
40	70001966	1	Bearing	
40	70004092	1	Endbell (Shaft End)	
40	70004099	1	Key	
40	70004676	1	Rotor	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
40	70004686	1	Stator	
40	70004678	1	Endbell (Rear)	
40	70004679	1	Cover, Endbell (Rear)	
40	70004680	1	Enclosure, Wiring	
40	70004681	1	Cover, Enclosure	
40	70004682	1	Switch, Reset (Located on Enclosure Cover)	
40	70004683	1	Connector, Strain Relief (Located on Enclosure Cover)	
41	1001148059	1	Belt, Generator	
42	1001148641	1	Bracket	
43	1001152532	1	Harness, Generator (See Separate Breakdown in ELECTRICAL Section)	
44	1001168018	AR	Washer, Snubbing	
45	1001168207	AR	Support (Prior to PVC 2107)	
46	1001174158	1	Mount	
47	1001174675	1	Wiring Diagram (Not Shown)	
48	1001196382	2	Stud	
49	1001223122	1	Support	
50	1001230784	1	Bracket	
51	1001248190	1	Support	
52	4811702	4	Washer M6	
		Ref	ELECTRICAL DIAGRAM COMPONENTS	
101	4922641	1	Generator Switch Harness (Not Shown)	

SECTION 3 - ENGINE

FIGURE 3-54. GENERATOR INSTALLATION - 7500W/50HZ (DEUTZ D2011 ENGINE)



ART_1001173811_G

SECTION 3 - ENGINE

FIGURE 3-54. GENERATOR INSTALLATION - 7500W/50HZ (DEUTZ D2011 ENGINE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173811	Ref	GENERATOR INSTALLATION - 7500W/50HZ (DEUTZ D2011 ENGINE)	G
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0100079	AR	Sealant (Not Shown)	
5	0480126	1	Belt	
6	0641616	1	Bolt 3/8 x 2	
7	0700818	3	Bolt M8 x 50	
8	0711224	1	Bolt M12 x 80 Grade 10.9	
9	0760606	1	Bolt M6 x 12	
10	0760610	4	Bolt M6 x 20	
11	0761214	2	Bolt M12 x 30	
12	0771414	2	Bolt M14 x 30 Grade 10.9	
13	0771416	1	Bolt M14 x 40	
14	0861572	1	Control Box Assembly	
14	7024488	1	Card, Circuit - Generator Power	
14	See Note	NSS	Fuse (Note: Not Available - Purchase Locally)	
14	7024489	1	Card, Circuit - Control	
14	70000619	1	Harness, Control Box (Internal)	
15	0902888	1	Bracket	
16	0962520	1	Bushing	
17	2460048	1	Generator Assembly	
17	70001100	1	Rotor (Includes p/n 70001384 & 70000863) (Not Shown)	
17	70001384	1	Bearing, Ball Radial (Not Shown)	
17	70000863	1	Fan (Not Shown)	
17	70002088	1	Stator (Not Shown)	
17	70002297	1	Stud	
17	70003631	1	Brushholder Assembly (Not Shown)	
17A	70004171	1	Key	
17B	70001966	1	Bearing, Ball Radial (Located in Belt Tensioner Endbell)	
17B	70003708	1	Ring, Internal Retaining (Located in Belt Tensioner Endbell)	
17B	70003709	1	Ring, External Retaining (Located in Belt Tensioner Endbell)	
17C	70001953	1	Endbell, Belt Tensioner	
17D	70004169	1	Endbell, Brush Block	
17E	70004169	1	Shroud	
17E	See Note	NSS	Insulator, Endbell (Note: Not Available for Purchase)	
17E	7027799	1	Block, Connector 6 Position (Not Shown)	
17E	70002460	1	Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown)	
17E	7024485	1	Breaker, Circuit 30Amp (Not Shown)	
17E	70001696	1	Boot, Breaker (Not Shown)	
17E	7026626	1	Connector, 6 Position (Includes Seal) (Not Shown - Plugs into Item 39)	
17E	7026597	1	Connector, with Leads (Not Shown)	
17E	7026188	1	Clamp, Cable Options (Not Shown)	
17E	70004169	1	Plate, End Panel	
17E	70001974	1	Decal - Terminal Connections	
17F	70001973	1	Decal - Warning Moving Parts	
18	2820031	AR	Heat Shrink	
19	3252764	1	Nameplate	

SECTION 3 - ENGINE

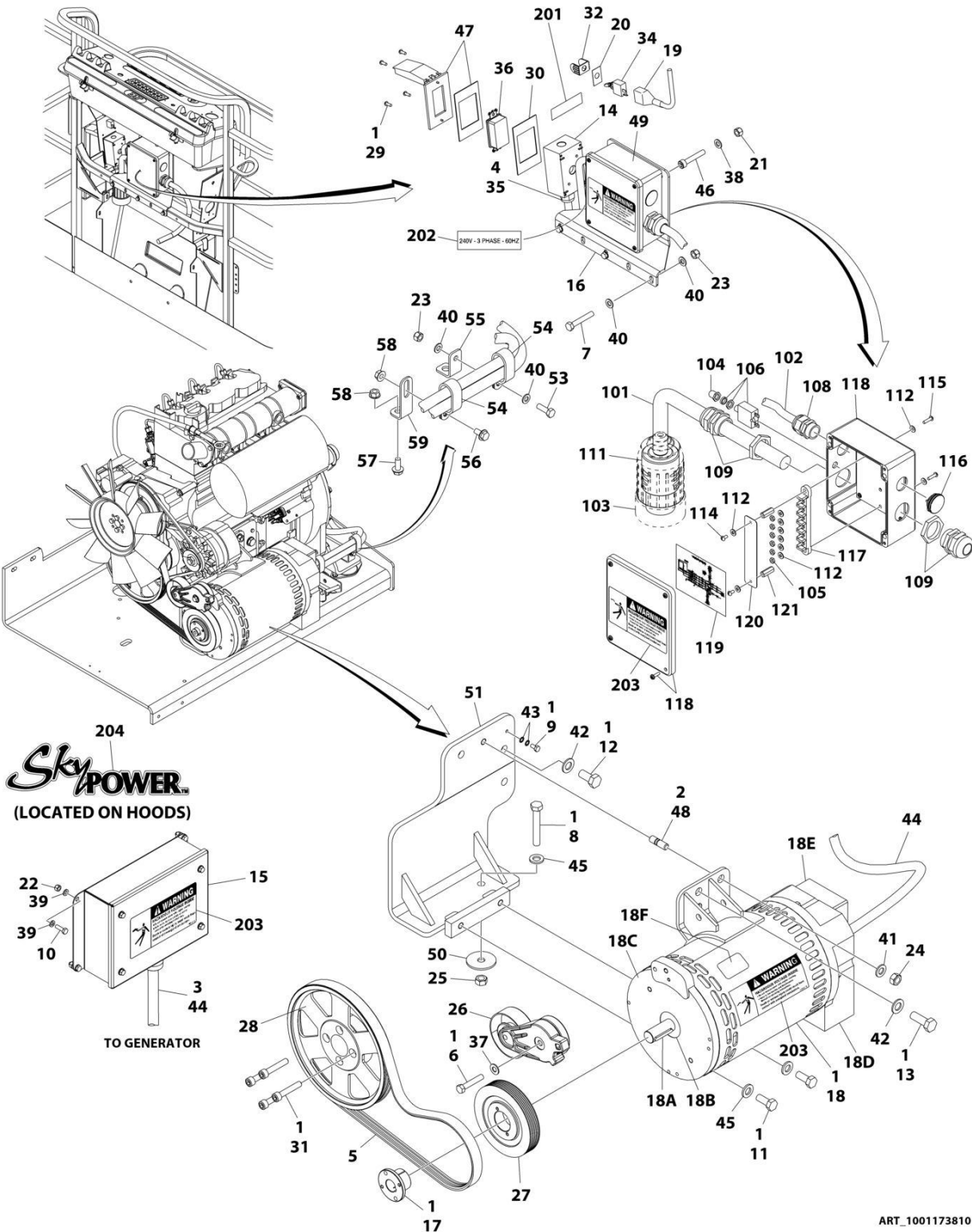
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
20	3290505	4	Nut M5	B
21	3290605	4	Nut M6	
22	3290805	4	Nut M8	
23	3291201	1	Nut M12	
24	3331211	1	Nut M12	
25	3580317	1	Pulley	
26	3580319	1	Pulley	
27	3580320	1	Pulley	
28	4032015	4	Bolt M10 x 55	
29	4060802	1	Guard, Switch	
30	4240099	AR	Tie-Strap (Not Shown)	
31	4360336	1	Switch, Toggle	
32	4711600	1	Washer 3/8	
33	4811600	4	Washer M5	
34	4811700	8	Washer M6	
35	4811900	8	Washer M8	
36	4812100	1	Washer M12	
37	4812200	3	Washer M14	
38	4871700	2	Washer M6	
39	4922925	1	Harness, Generator	
39	4460225	1	Plug, Male 6 Position (Plugs into Generator)	
39	See Note	NSS	Socket, Female (Use with 4460225)	
39	See Note	NSS	Seal, Plug (Use with 4460225)	
39	See Note	NSS	Seal, Interface (Use with 4460225)	
40	5241200	3	Washer M12 Hardened	
41	1001104029	4	Screw M5 x 30	
42	1001196382	1	Stud	
43	1001157525	1	Junction Box Assembly (See Items 101-117 for Breakdown)	
44	1001168018	1	Washer, Snubbing	
45	1001173925	1	Mount	
46	1001174675	1	Wiring Diagram (Not Shown)	
46	4922641	1	Harness, On/Off Switch (Not Shown - Located at Platform)	
47	0760812	1	Bolt M8 x 25	
48	1321716	2	Clamp	
49	1001148641	1	Bracket	
50	5250808	1	Bolt M8 x 16	
51	5250810	1	Bolt M8 x 20	
52	5260800	2	Nut M8	
53	1001223122	1	Support	
54	1705489	2	Decal - Hazardous Voltage	
	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	Flatwasher #10	
110	10702077	2	Screw #10 x 3/8	
111	10702082	2	Screw #10 x 3/4	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
112	1001152525	1	Plug	A
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	
201	1705460	2	Decal - SkyPower	
202	1705461	1	Decal - 240V - 3 Phase - 50Hz	
203	1705489	3	Decal - Hazardous Voltage	

SECTION 3 - ENGINE

FIGURE 3-55. GENERATOR INSTALLATION - 7500W/60HZ (DEUTZ D2011 ENGINE)



SECTION 3 - ENGINE

FIGURE 3-55. GENERATOR INSTALLATION - 7500W/60HZ (DEUTZ D2011 ENGINE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173810	Ref	GENERATOR INSTALLATION - 7500W/60Hz (DEUTZ D2011 ENGINE)	F
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0100079	AR	Sealant	
5	0480128	1	Belt	
6	0641616	1	Bolt 3/8 x 2	
7	0700818	3	Bolt M8 x 50	
8	0711224	1	Bolt M12 x 80 Grade 10.9	
9	0760606	1	Bolt M6 x 12	
10	0760610	4	Bolt M6 x 20	
11	0761214	2	Bolt M12 x 30	
12	0771414	2	Bolt M14 x 30 Grade 10.9	
13	0771416	1	Bolt M14 x 40	
14	0860038	1	Box, Switch	
15	0861538	1	Control Box Assembly	
15	7024488	1	Card, Circuit - Generator Power	
15	See Note	NSS	Fuse (Note: Not Available - Purchase Locally)	
15	7024489	1	Card, Circuit - Control	
15	70000619	1	Harness, Control Box (Internal)	
16	0902888	1	Bracket	
17	0962520	1	Bushing	
18	2460048	1	Generator Assembly	
18	70001100	1	Rotor (Includes p/n 70001384 & 70000863) (Not Shown)	
18	70001384	1	Bearing, Ball Radial (Not Shown)	
18	70000863	1	Fan (Not Shown)	
18	70002088	1	Stator (Not Shown)	
18	70002297	1	Stud	
18	70003631	1	Brushholder Assembly (Not Shown)	
18A	70004171	1	Key	
18B	70001966	1	Bearing, Ball Radial (Located in Belt Tensioner Endbell)	
18B	70003708	1	Ring, Internal Retaining (Located in Belt Tensioner Endbell)	
18B	70003709	1	Ring, External Retaining (Located in Belt Tensioner Endbell)	
18C	70001953	1	Endbell, Belt Tensioner	
18D	70004169	1	Endbell, Brush Block	
18E	70004169	1	Shroud	
18E	See Note	NSS	Insulator, Endbell (Note: Not Available for Purchase)	
18E	7027799	1	Block, Connector 6 Position (Not Shown)	
18E	70002460	1	Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown)	
18E	7024485	1	Breaker, Circuit 30Amp (Not Shown)	
18E	70001696	1	Boot, Breaker (Not Shown)	
18E	7026626	1	Connector, 6 Position (Includes Seal) (Not Shown - Plugs into Item 39)	
18E	7026597	1	Connector, with Leads (Not Shown)	
18E	7026188	1	Clamp, Cable Options (Not Shown)	
18E	70004169	1	Plate, End Panel	
18E	70001974	1	Decal - Terminal Connections	
18F	70001973	1	Decal - Warning Moving Parts	
19	2820031	AR	Heat Shrink	

SECTION 3 - ENGINE

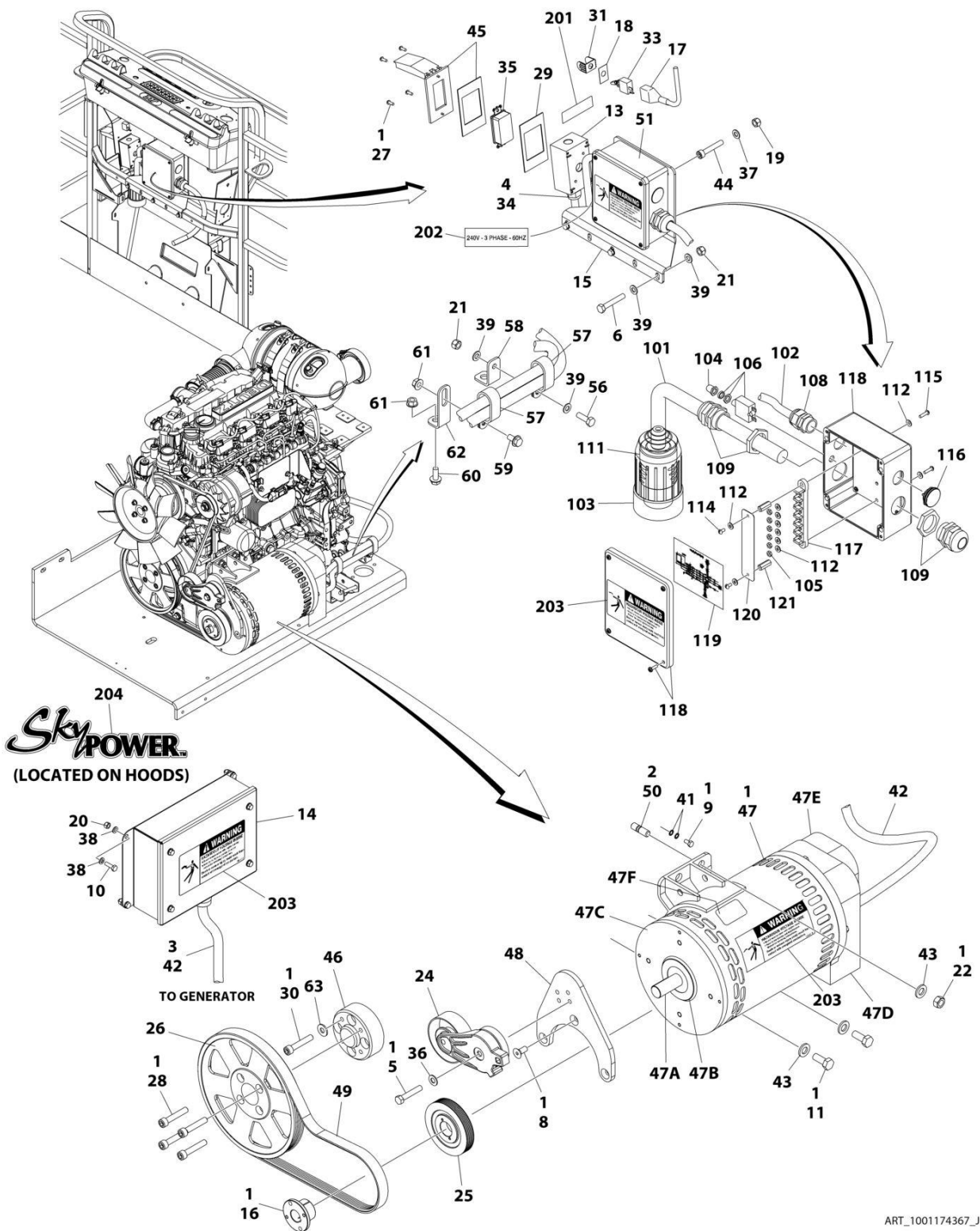
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
20	3252764	1	Nameplate	
21	3290505	4	Nut M5	
22	3290605	4	Nut M6	
23	3290805	4	Nut M8	
24	3291201	1	Nut M12	
25	3331211	1	Nut M12	
26	3580317	1	Pulley	
27	3580318	1	Pulley	
28	3580320	1	Pulley	
29	3910606	4	Screw #6 x 3/8	
30	3960422	1	Gasket	
31	4032015	4	Bolt M10 x 55	
32	4060802	1	Guard, Switch	
33	4240099	AR	Tie-Strap (Not Shown)	
34	4360336	1	Switch, Toggle	
35	4460071	1	Connector, Strain Relief	
36	4460346	1	Receptacle	
37	4711600	1	Washer 3/8	
38	4811600	4	Washer M5	
39	4811700	8	Washer M6	
40	4811900	8	Washer M8	
41	4812100	1	Washer M12	
42	4812200	3	Washer M14	
43	4871700	2	Washer M6	
44	4922925	1	Harness, Generator	
44	4460225	1	Plug, Male 6 Position (Plugs into Generator)	
44	See Note	NSS	Socket, Female (Use with 4460225)	
44	See Note	NSS	Seal, Plug (Use with 4460225)	
44	See Note	NSS	Seal, Interface (Use with 4460225)	
45	5241200	3	Washer M12 Hardened	
46	1001104029	4	Screw M5 x 30	
47	1001110873	1	Shield, Cover	
48	1001196382	1	Stud	
49	1001157592	1	Junction Box Assembly Options (See Items 101-121 for Breakdown)	
50	1001168018	1	Washer, Snubbing	
51	1001173925	1	Mount	
52	1001174675	1	Wiring Diagram (Not Shown)	
52	4922641	1	Harness, On/Off Switch (Not Shown - Located at Plaform)	
53	0760812	1	Bolt M8 x 25	
54	1321716	2	Clamp	
55	1001148641	1	Bracket	
56	5250808	1	Bolt M8 x 16	
57	5250810	1	Bolt M8 x 20	
58	5260800	2	Nut M8	
59	1001223122	1	Support	
	1001157592	Ref	JUNCTION BOX ASSEMBLY	
101	1060343	1.5 ft /0.5m	Cable, Electrical 10/4	C
102	1001179154	2.5 ft /0.8m	Cable, Electrical 12/3	
103	1671092	1	Cover	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
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	10	Flatwasher #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	2	Stand-Off	
	0272435	Ref	DECAL INSTALLATION	D
	0273380	Ref	DECAL INSTALLATION	B
201	3251243	1	Decal - 120V - 60Hz	
202	1705375	1	Decal - 240V - 3 Phase - 60Hz	
203	1705387	3	Decal - Hazardous Voltage	
204	1705460	2	Decal - SkyPower	

SECTION 3 - ENGINE

FIGURE 3-56. GENERATOR INSTALLATION - 7500W/60HZ (DEUTZ D2.9L4 ENGINE)



SECTION 3 - ENGINE

FIGURE 3-56. GENERATOR INSTALLATION - 7500W/60HZ (DEUTZ D2.9L4 ENGINE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174367	Ref	GENERATOR INSTALLATION - 7500W/60Hz (DEUTZ D2.9L4 ENGINE)	J
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0100079	AR	Sealant	
5	0641616	1	Bolt 3/8 x 2	
6	0700818	3	Bolt M8 x 50	
8	0741607	3	Screw 3/8 x 7/8	
9	0760606	1	Bolt M6 x 12	
10	0760610	4	Bolt M6 x 20	
11	0761212	2	Bolt M12 x 25	
13	0860038	1	Box, Switch	
14	0861538	1	Control Box Assembly	
14	7024488	1	Card, Circuit - Generator Power	
14	See Note	NSS	Fuse (Note: Not Available - Purchase Locally)	
14	7024489	1	Card, Circuit - Control	
14	70000619	1	Harness, Control Box (Internal)	
15	0902888	1	Bracket	
16	0962520	1	Bushing	
17	2820031	AR	Heat Shrink	
18	3252764	1	Nameplate	
19	3290505	4	Nut M5	
20	3290605	4	Nut M6	
21	3290805	4	Nut M8	
22	3291201	2	Nut M12	
24	3580317	1	Pulley	
25	3580318	1	Pulley	
26	3580320	1	Pulley	
27	3910606	4	Screw #6 x 3/8	
28	3931628	4	Capscrew 3/8 x 1-3/4	
29	3960422	1	Gasket	
30	4032014	4	Bolt M10 x 50	
31	4060802	1	Guard, Switch	
32	4240099	AR	Tie-Strap (Not Shown)	
33	4360336	1	Switch, Toggle	
34	4460071	1	Connector, Strain Relief	
35	4460346	1	Receptacle	
36	4711600	1	Washer 3/8	
37	4811600	4	Washer M5	
38	4811700	8	Washer M6	
39	4811900	8	Washer M8	
41	4871700	2	Washer M6	
42	4922925	1	Harness, Generator	
42	4460225	1	Plug, Male 6 Position (Plugs into Generator)	
42	See Note	NSS	Socket, Female (Use with 4460225)	
42	See Note	NSS	Seal, Plug (Use with 4460225)	
42	See Note	NSS	Seal, Interface (Use with 4460225)	
43	5241200	4	Washer M12 Hardened	
44	1001104029	4	Screw M5 x 30	

SECTION 3 - ENGINE

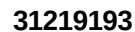
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
45	1001110873	1	Shield, Cover	C
46	1001135679	1	Adapter	
47	1001212223	1	Generator Assembly	
47	70001100	1	Rotor (Includes p/n 70001384 & 70000863) (Not Shown)	
47	70001384	1	Bearing, Ball Radial (Not Shown)	
47	70000863	1	Fan (Not Shown)	
47	70006093	1	Stator (Not Shown)	
47	70002297	1	Stud	
47	70003631	1	Brushholder Assembly (Not Shown)	
47A	70004099	1	Key	
47B	70001966	1	Bearing, Ball Radial (Located in Belt Tensioner Endbell)	
47B	70003708	1	Ring, Internal Retaining (Located in Belt Tensioner Endbell)	
47B	70003709	1	Ring, External Retaining (Located in Belt Tensioner Endbell)	
47C	70004092	1	Endbell, Belt Tensioner	
47D	70004094	1	Endbell, Brush Block	
47E	70006094	1	Shroud	
47E	70002291	1	Insulator, Endbell	
47E	7027799	1	Block, Connector 6 Position (Not Shown)	
47E	70002460	1	Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown)	
47E	70006095	1	Breaker, Circuit 30Amp (Not Shown)	
47E	70006096	1	Guard, Breaker (Not Shown)	
47E	7026626	1	Connector, 6 Position (Includes Seal) (Not Shown - Plugs into Item 36)	
47E	7026597	1	Connector, with Leads (Not Shown)	
47E	70004098	1	Clamp, Cable (Not Shown)	
47E	70006097	1	Plate, End Panel	
47E	70001974	1	Decal - Terminal Connections	
47F	70001973	1	Decal - Warning Moving Parts	
48	1001142643	1	Support	
49	1001142646	1	Belt	
50	1001196382	2	Stud	
51	1001157592	1	Junction Box Assembly Options (See Items 101-121 for Breakdown)	
55	1001174675	1	Wiring Diagram (Not Shown)	
55	4922641	1	Harness, On/Off Switch (Not Shown - Located at Platform)	
56	0760812	1	Bolt M8 x 25	
57	1321716	2	Clamp	
58	1001148641	1	Bracket	
59	5250808	1	Bolt M8 x 16	
60	5250810	1	Bolt M8 x 20	
61	5260800	2	Nut M8	
62	1001223122	1	Support	
63	4812000	4	Washer M10	
	1001157592	Ref	JUNCTION BOX ASSEMBLY	
101	1060343	1.5 ft/ 0.5m	Cable, Electrical 10/4	
102	1001179154	2.5 ft/ 0.8m	Cable, Electrical 12/3	
103	1671092	1	Cover	
104	3300396	1	Cover, Fuse	
105	3311001	6	Nut #10	
106	4360070	1	Circuit Breaker - 15Amp	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
108	4460425	1	Connector, Strain Relief	D B
109	4460426	2	Connector, Strain Relief	
111	4460963	1	Connector	
112	4711000	10	Flatwasher #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	2	Stand-Off	
	0272435	Ref	DECAL INSTALLATION	
	0273380	Ref	DECAL INSTALLATION	
201	3251243	1	Decal - 120V - 60Hz	
202	1705375	1	Decal - 240V - 3 Phase - 60Hz	
203	1705387	3	Decal - Hazardous Voltage	
204	1705460	2	Decal - SkyPower	

372

400S_460SJ



ART_1001214910

SECTION 3 - ENGINE

FIGURE 3-57. GENERATOR INSTALLATION - 7500W/60HZ (KUBOTA ENGINE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214910	Ref	GENERATOR INSTALLATION - 7500W/60HZ (KUBOTA ENGINE)	C
1	0100011	AR	Compound, Locking	
2	0100048	AR	Grease, Dielectric	
3	0100079	AR	Sealant	
4	0700818	3	Bolt M8 x 50	
5	0700819	1	Bolt M8 x 55	
6	1001217344	2	Bolt M12 x 50	
7	0711224	AR	Bolt M12 x 80 Grade 10.9	
7	0701224	AR	Bolt M12 x 80	
8	0741608	3	Screw 3/8 x 1	
9	0760610	4	Bolt M6 x 20	
10	1001217345	1	Bolt M14 x 30	
11	0760814	3	Bolt M8 x 30	
12	0701016	3	Bolt M10 x 40	
13	0761214	2	Bolt M12 x 30	
14	0761215	1	Bolt M12 x 35	
15	0860038	1	Box, Switch	
16	0861538	1	Control Box Assembly	
16	7024488	1	Card, Circuit - Generator Power	
16	See Note	NSS	Fuse (Note: Not Available - Purchase Locally)	
16	7024489	1	Card, Circuit - Control	
16	70000619	1	Harness, Control Box (Internal)	
17	0902888	1	Bracket	
18	0962520	1	Bushing	
19	84521062	1	Clamp	
20	2820031	AR	Heat Shrink	
21	3252764	1	Nameplate	
22	3290505	4	Nut M5	
23	3290605	4	Nut M6	
24	3290805	3	Nut M8	
25	3291201	AR	Nut M12	
26	3331211	AR	Nut M12	
27	3580317	1	Pulley	
28	3580318	1	Pulley	
29	3910606	4	Screw #6 x 3/8	
30	3960422	1	Gasket	
31	1001217342	1	Bolt M12 x 30	
32	4060802	1	Guard, Switch	
33	4240099	AR	Tie-Strap (Not Shown)	
34	4360336	1	Switch, Toggle	
35	4460071	1	Connector, Strain Relief	
36	4460346	1	Receptacle	
37	4811600	4	Washer M5	
38	4811700	8	Washer M6	
39	4811900	10	Washer M8	
40	4922925	1	Harness, Generator	
40	4460225	1	Plug, Male - 6 Position (Plugs into Generator)	
40	See Note	NSS	Socket, Female (Use with 4460225)	
40	See Note	NSS	Seal, Plug (Use with 4460225)	
40	See Note	NSS	Seal, Interface (Use with 4460225)	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
41	5241200	5	Washer M12 Hardened	C
42	1001104029	4	Screw M5 x 30	
43	1001110873	1	Shield, Cover	
44	0480129	1	Belt	
45	1001147233	1	Pulley	
47	1001155041	1	Stud	
48	1001157592	1	Junction Box Assembly (See Items 101-121 for Breakdown)	
49	1001168018	1	Washer, Snubbing	
50	1001174675	1	Wiring Diagram (Not Shown)	
50	4922641	1	Harness, On/Off Switch (Not Shown - Located at Platform)	
51	1001212223	1	Generator Assembly	
51	70001100	1	Rotor (Includes p/n 70001384 & 70000863) (Not Shown)	
51	70001384	1	Bearing, Ball Radial (Not Shown)	
51	70000863	1	Fan (Not Shown)	
51	70006093	1	Stator (Not Shown)	
51	70002297	1	Stud	
51	70003631	1	Brushholder Assembly (Not Shown)	
51A	70004099	1	Key	
51B	70001966	1	Bearing, Ball Radial (Located in Belt Tensioner Endbell)	
51B	70003708	1	Ring, Internal Retaining (Located in Belt Tensioner Endbell)	
51B	70003709	1	Ring, External Retaining (Located in Belt Tensioner Endbell)	
51C	70004092	1	Endbell, Belt Tensioner	
51D	70004094	1	Endbell, Brush Block	
51E	70006094	1	Shroud	
51E	70002291	1	Insulator, Endbell	
51E	7027799	1	Block, Connector 6 Position (Not Shown)	
51E	70002460	1	Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown)	
51E	70006095	1	Breaker, Circuit 30Amp (Not Shown)	
51E	70006096	1	Guard, Breaker (Not Shown)	
51E	7026626	1	Connector, 6 Position (Includes Seal) (Not Shown - Plugs into Item 36)	
51E	70004098	1	Clamp, Cable (Not Shown)	
51E	70006097	1	Plate, End Panel	
51E	70001974	1	Decal - Terminal Connections	
51F	70001973	1	Decal - Warning Moving Parts	
52	1001213029	1	Adapter, Pulley	
53	1001214546	1	Support	
54	1001215523	1	Support	
55	1001216805	3	Spacer	
56	4812200	1	Washer M14	
	1001157592	Ref	JUNCTION BOX ASSEMBLY	
101	1060343	1.5 ft/ 0.5m	Cable, Electrical 10/4	
102	1001179154	2.5 ft/ 0.8m	Cable, Electrical 12/3	
103	1671092	1	Cover	
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	

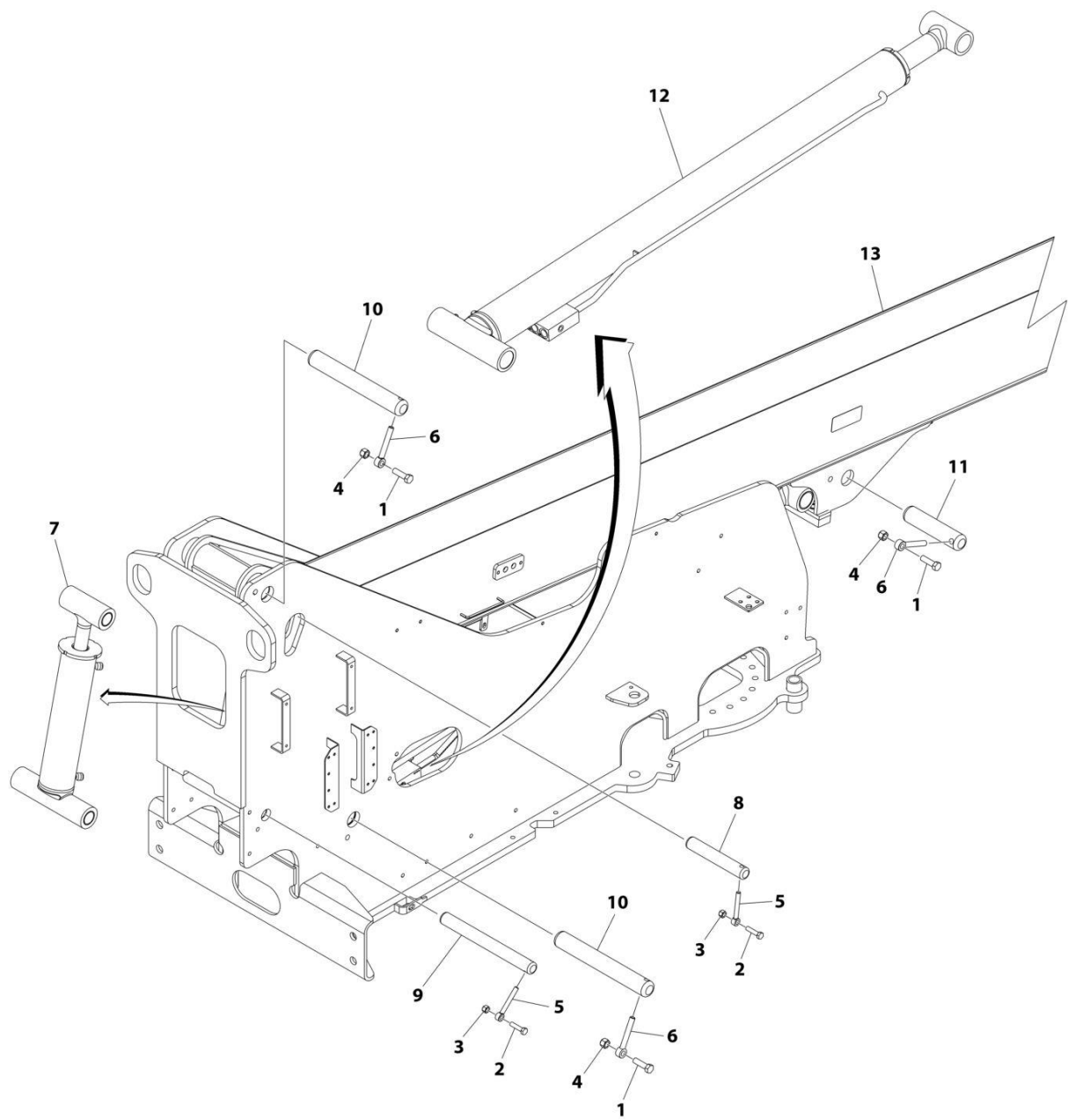
SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
112	4711000	10	Washer #10	D B
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	2	Stand-Off	
	0272435	Ref	DECAL INSTALLATION	
	0273380	Ref	DECAL INSTALLATION	
201	3251243	1	Decal - 120V - 60Hz	
202	1705375	1	Decal - 240V-3 Phase-60Hz	
203	1705387	3	Decal - Hazardous Voltage	
204	1705460	2	Decal - SkyPower	

SECTION 4 - BOOM

SECTION 4 - BOOM

FIGURE 4-1. BOOM AND CYLINDERS INSTALLATION - 400S



ART_1001244873

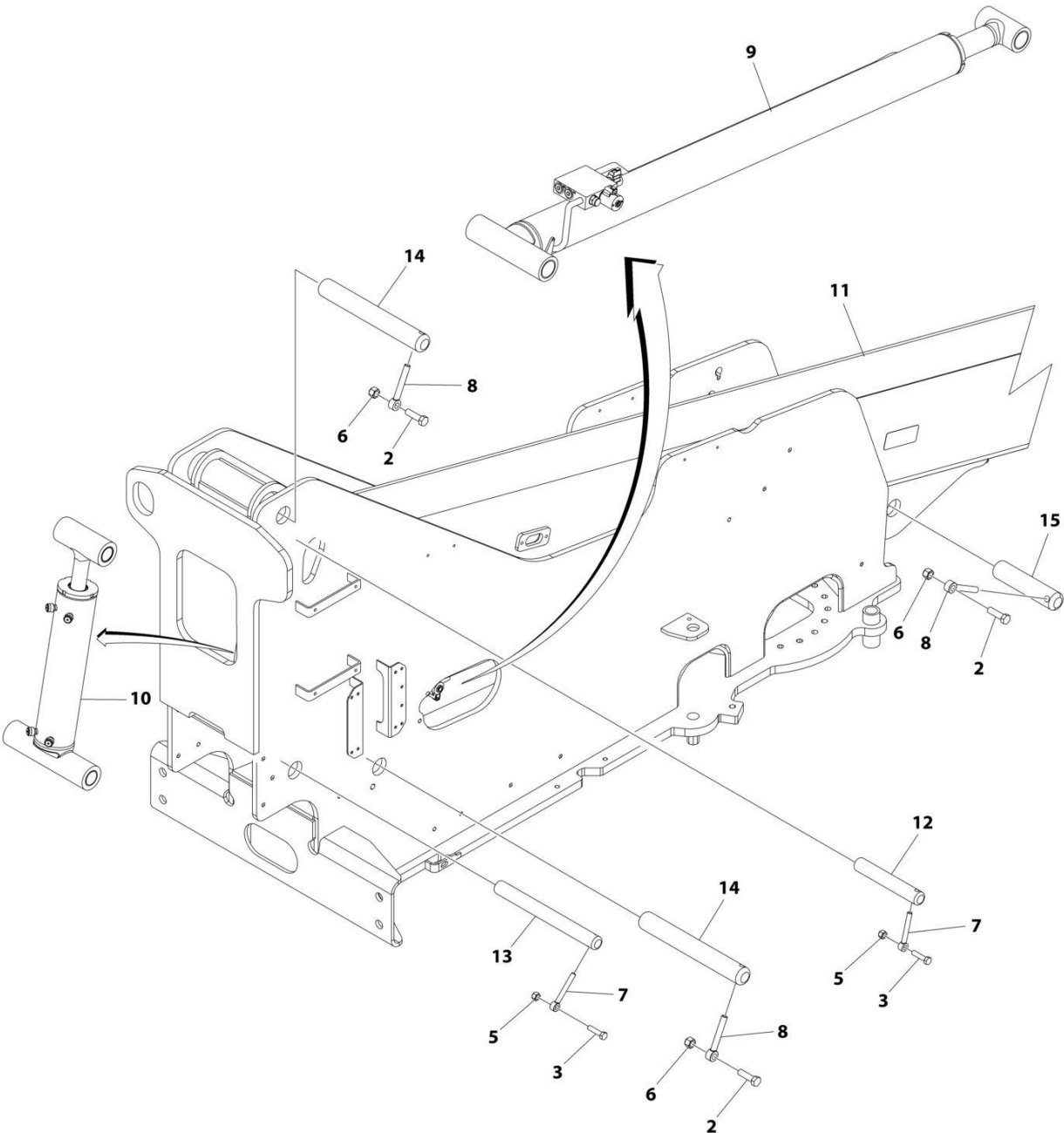
SECTION 4 - BOOM

FIGURE 4-1. BOOM AND CYLINDERS INSTALLATION - 400S

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244873	Ref	BOOM AND CYLINDERS INSTALLATION	A
1	0701619	3	Bolt, M16 x 55	
2	0761218	2	Bolt, M12 x 50	
3	3291205	2	Nut, Lock M12 x 1.75	
4	3291605	3	Nut, Lock M16 x 2	
5	3841203	2	Keeper, Pin	
6	3841258	3	Keeper, Pin	
7	1001163385	1	Master Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
8	1001168843	1	Pin	
9	1001168844	1	Pin	
10	1001168845	2	Pin	
11	1001168854	1	Pin	
12	1001228092	1	Lift Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
13	1001244874	1	Main Boom Assembly (See Separate Breakdown in this Section)	

SECTION 4 - BOOM

FIGURE 4-2. BOOM AND CYLINDERS INSTALLATION - 460SJ



ART_1001169669

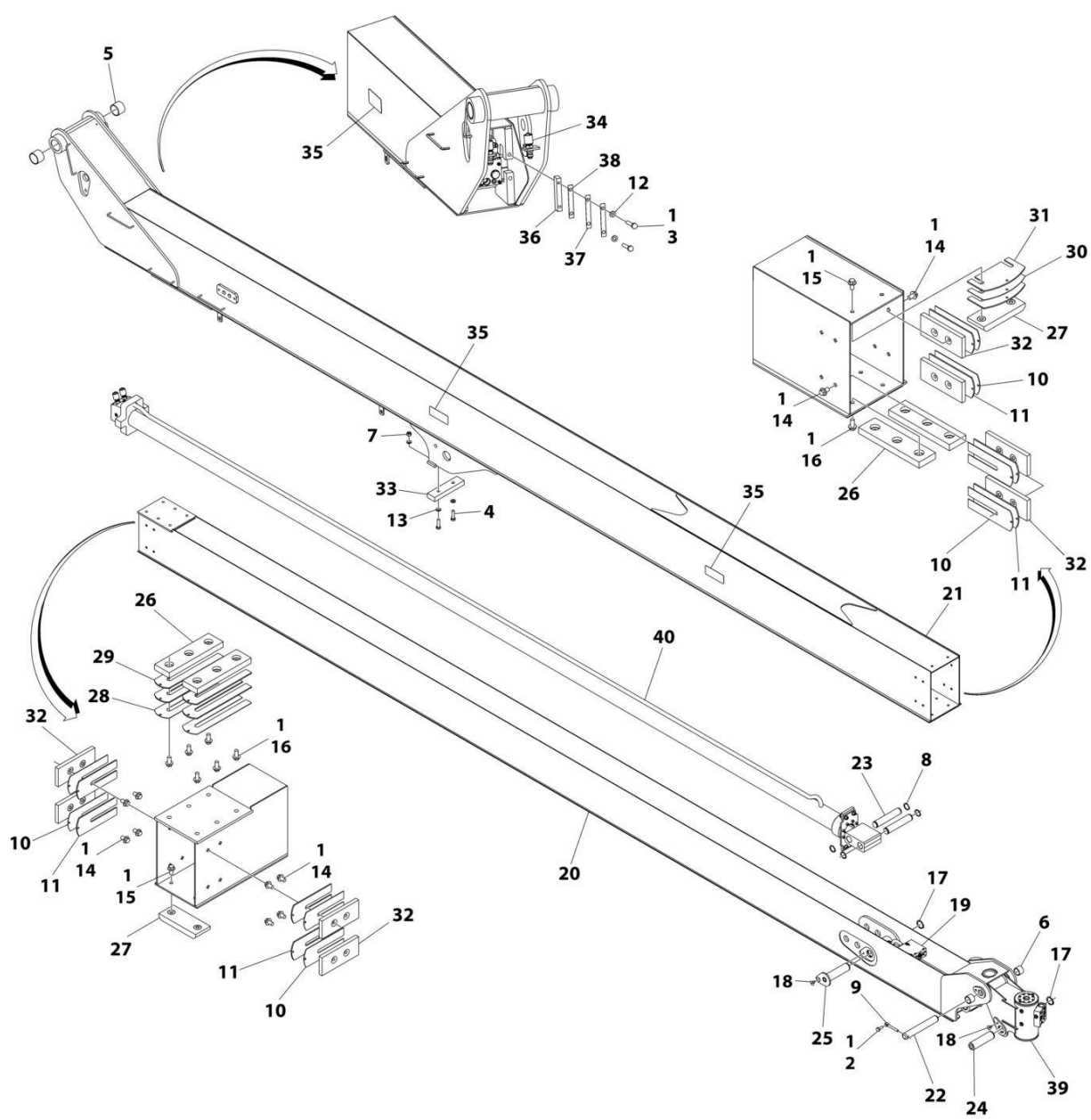
SECTION 4 - BOOM

FIGURE 4-2. BOOM AND CYLINDERS INSTALLATION - 460SJ

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169669	Ref	BOOM AND CYLINDERS INSTALLATION	H
2	0701619	3	Bolt M16 x 55	
3	0761218	2	Bolt M12 x 50	
5	3291205	2	Nut M12 x 1.75	
6	3291605	3	Nut M16 x 2	
7	3841203	2	Keeper, Pin	
8	3841258	3	Keeper, Pin	
9	1001228092	1	Lift Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
10	1001163385	1	Master Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
11	1001163482	1	Main Boom Assembly (See Separate Breakdown in this Section)	
12	1001168843	1	Pin	
13	1001168844	1	Pin	
14	1001168845	2	Pin	
15	1001168854	1	Pin	

SECTION 4 - BOOM

FIGURE 4-3. MAIN BOOM ASSEMBLY - 400S



ART_1001244874

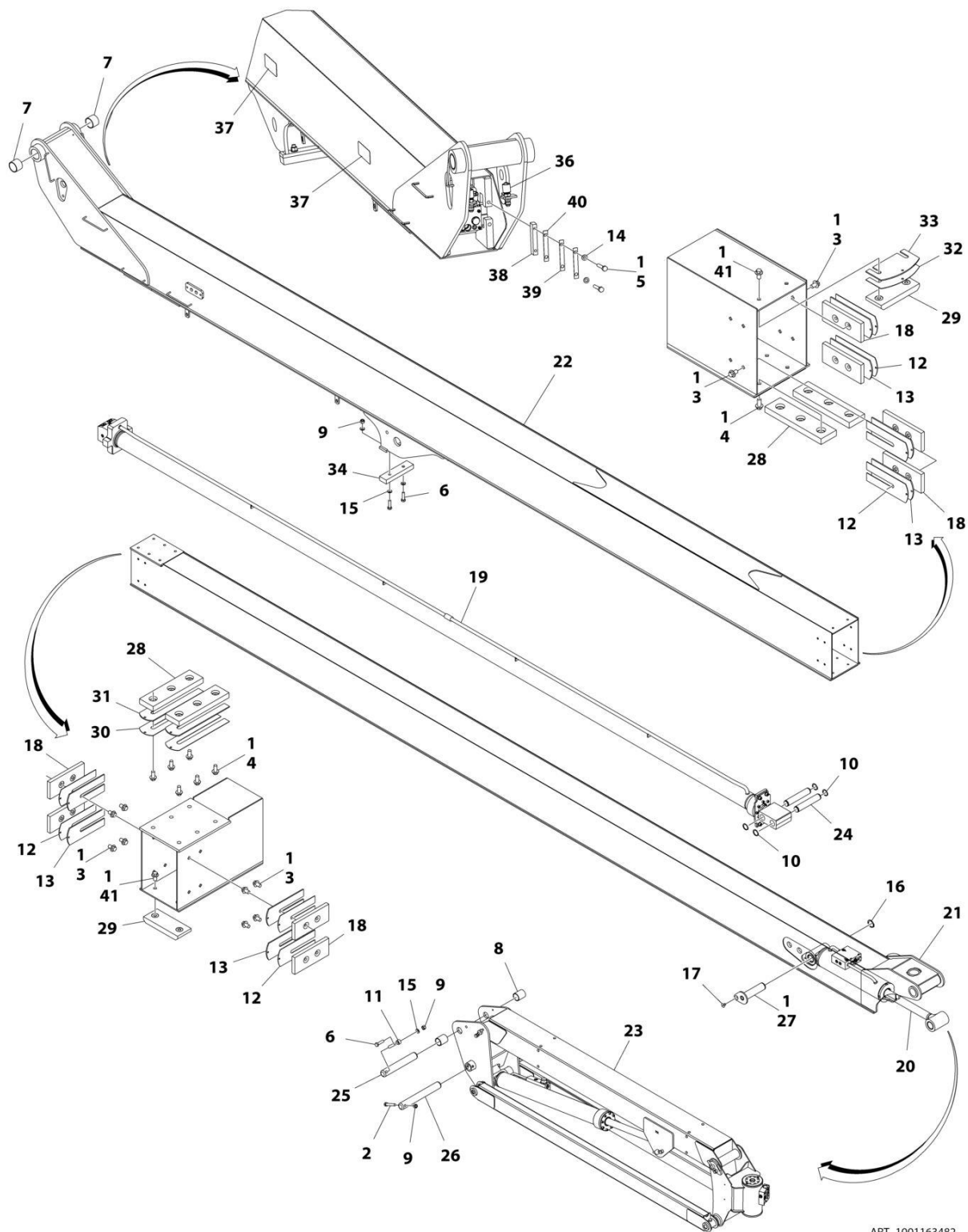
SECTION 4 - BOOM

FIGURE 4-3. MAIN BOOM ASSEMBLY - 400S

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244874	Ref	MAIN BOOM ASSEMBLY	B
1	0100011	AR	Compound, Locking	
2	0761012	1	Bolt M10 x 25	
3	0761019	4	Bolt M10 x 55	
4	0761217	2	Bolt M12 x 45	
5	0961950	2	Bearing	
6	0961951	2	Bushing	
7	3291205	2	Nut M12	
8	3760133	4	Ring	
9	3841143	1	Keeper, Pin	
10	4070897	AR	Shim 18 Ga	
11	4070898	AR	Shim 11 Ga	
12	4812000	4	Washer M10	
13	4812100	4	Washer M12	
14	5251008	16	Bolt M10 x 16	
15	5251009	4	Bolt M10 x 18	
16	5251011	12	Bolt M10 x 22	
17	1001099560	2	Ring, Retaining	
18	1001137032	2	Screw M10 x 16	
19	1001163386	1	Level (Platform Slave) Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
20	1001163459	1	Fly, Boom	
21	1001163470	1	Base, Boom	
22	1001168841	1	Pin	
23	1001168842	2	Pin	
24	1001168848	1	Pin	
25	1001168849	1	Pin	
26	1001169284	4	Pad	
27	1001169285	2	Pad	
28	1001169286	AR	Shim	
29	1001169287	AR	Shim	
30	1001169288	AR	Shim	
31	1001169289	AR	Shim	
32	1001169380	8	Pad	
33	1001171067	1	Pad	
34	1001171112	2	Hose	
35	1001171324	6	Cover	
36	1001171667	2	Bar	
37	1001171966	AR	Shim 20Ga	
38	1001171967	AR	Shim 16Ga	
39	1001221927	1	Platform Rotator Assembly (See Separate Breakdown in this Section)	
40	1001251075	1	Telescope Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	

SECTION 4 - BOOM

FIGURE 4-4. MAIN BOOM ASSEMBLY - 460SJ



ART_1001163482

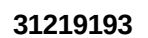
SECTION 4 - BOOM

FIGURE 4-4. MAIN BOOM ASSEMBLY - 460SJ

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163482	Ref	MAIN BOOM ASSEMBLY	J
1	0100011	AR	Compound, Locking	
2	0701222	1	Bolt M12 x 70	
3	5251008	16	Bolt M10 x 16	
4	5251011	12	Bolt M10 x 22	
5	0761019	4	Bolt M10 x 55	
6	0761217	3	Bolt M12 x 45	
7	0961950	2	Bearing	
8	0962348	2	Bearing	
9	3291205	4	Nut M12 x 1.75	
10	3760133	4	Ring, Retaining	
11	3841203	1	Keeper, Pin	
12	4070897	AR	Shim, 18Ga	
13	4070898	AR	Shim, 11Ga	
14	4812000	4	Washer, M10	
15	4812100	5	Washer, M12	
16	1001099560	1	Ring, Retaining	
17	1001137032	1	Screw M10 x 16	
18	1001169380	8	Pad	
19	1001251075	1	Telescope Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
20	1001163386	1	Level (Platform Slave) Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
21	1001163483	1	Fly, Boom	
22	1001163492	1	Base, Boom	
23	1001247048	1	Jib Boom Assembly (See Separate Breakdown in this Section)	
24	1001168842	2	Pin	
25	3422793	1	Pin	
26	1001168847	1	Pin	
27	1001168849	1	Pin	
28	1001169284	4	Pad	
29	1001169285	2	Pad	
30	1001169286	AR	Shim	
31	1001169287	AR	Shim	
32	1001169288	AR	Shim	
33	1001169289	AR	Shim	
34	1001171067	1	Pad	
36	1001171112	2	Hose	
37	1001171324	2	Cover	
38	1001171667	2	Bar	
39	1001171966	AR	Shim, 20Ga	
40	1001171967	AR	Shim, 16Ga	
41	5251009	4	Bolt M10 x 18	

386

400S_460SJ



ART_1001247048

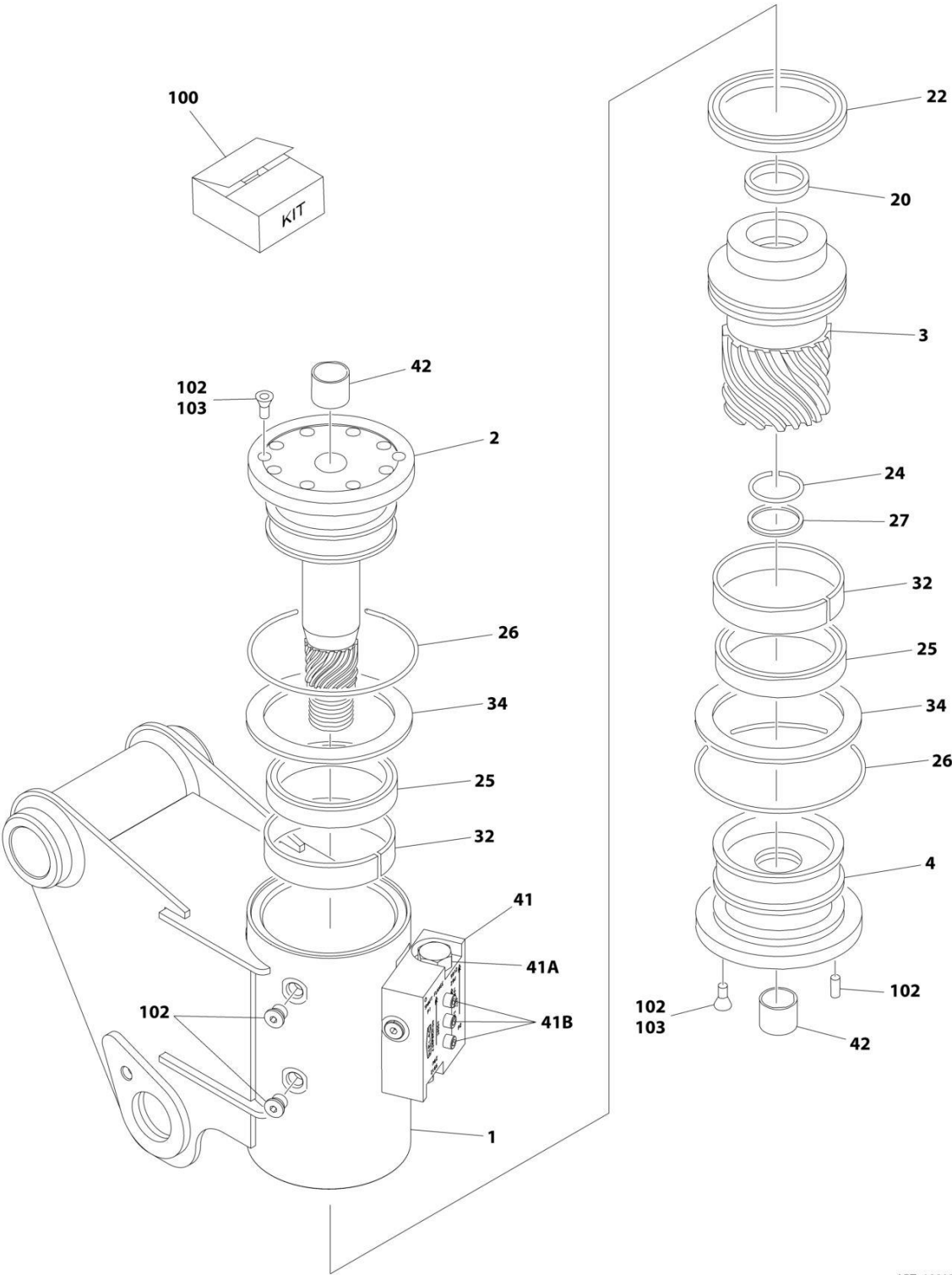
SECTION 4 - BOOM

FIGURE 4-5. JIB BOOM ASSEMBLY - 460SJ

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001247048	Ref	JIB BOOM ASSEMBLY	B
1	0100011	AR	Compound, Locking	
2	0641608	1	Bolt 3/8 x 1	
3	0701020	4	Bolt M10 x 60	
4	0761012	1	Bolt M10 x 25	
5	0761015	1	Bolt M10 x 35	
6	0961947	4	Bearing	
7	3291005	5	Nut M10	
8	3422860	2	Pin	
9	3422867	1	Pin	
10	3841143	3	Keeper, Pin	
11	4740439	2	Washer, Thrust	
12	4844816	1	Tube (Upper)	
12	0962335	4	Bushing	
13	1001165567	1	Pivot	
14	1001181051	1	Rotator Assembly (See Separate Breakdown in this Section)	
15	4844817	2	Tube, Lower	
16	3422861	2	Pin	
17	1001223899	8	Fastener	
18	1001248012	1	Lift Cylinder Assembly - Jib (See Separate Breakdown in CYLINDER SECTION)	

SECTION 4 - BOOM

FIGURE 4-6. ROTATOR ASSEMBLY - 400S



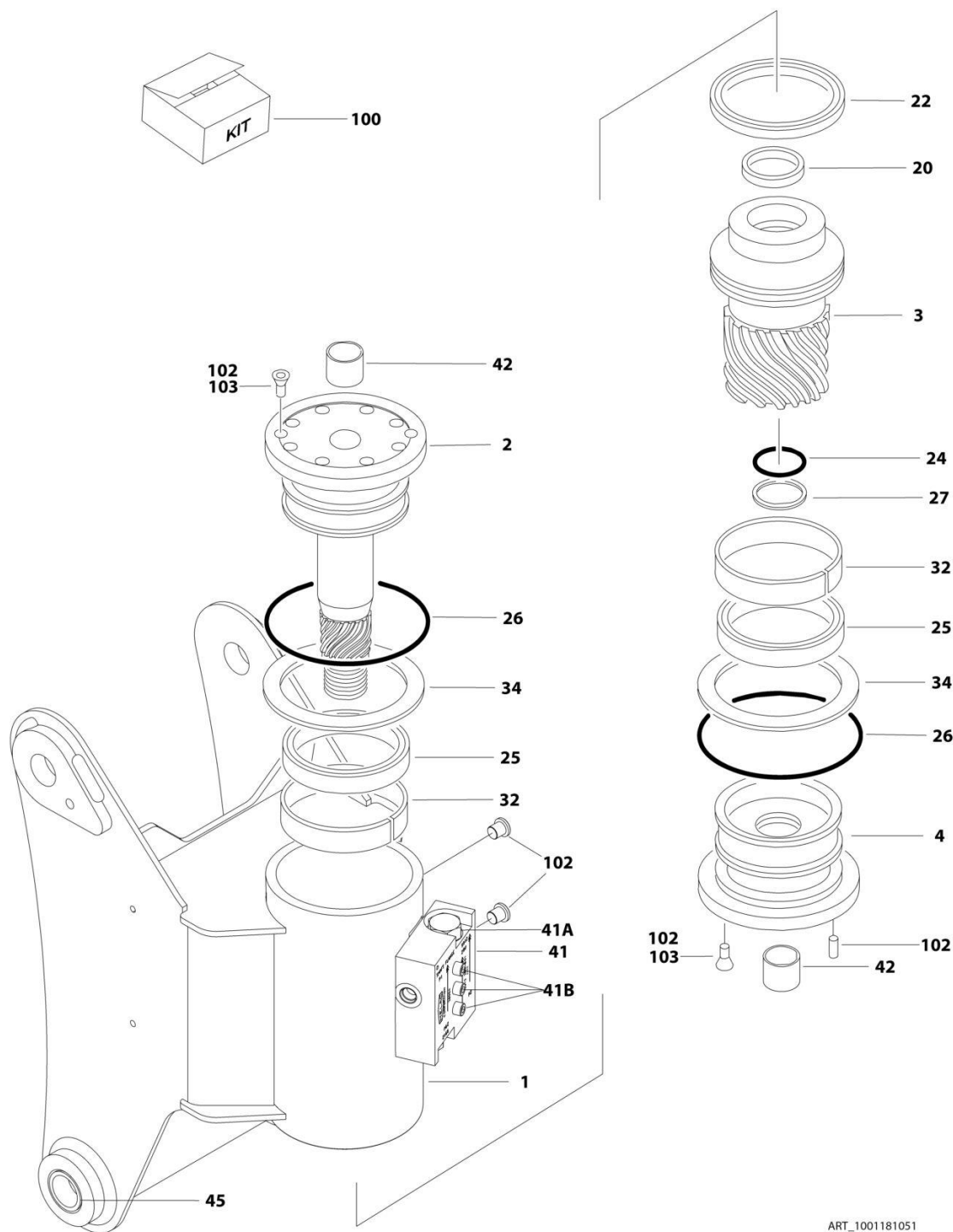
ART_1001221927

FIGURE 4-6. ROTATOR ASSEMBLY - 400S

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221927	Ref	ROTATOR ASSEMBLY - 400SC	A
1	See Note	NSS	Housing/Ring Gear Assembly (Note: Not Available - Purchase Complete Rotator Assembly)	
2	7017162	1	Shaft Weldment	
3	7017163	1	Piston/Sleeve Assembly	
4	7017164	1	Cap, End	
20	See Note	NSS	T-Seal (Note: Use Item 100)	
22	See Note	NSS	T-Seal (Note: Use Item 100)	
24	See Note	NSS	O-Ring (Note: Use Item 100)	
25	See Note	NSS	Seal (Note: Use Item 100)	
26	See Note	NSS	O-Ring (Note: Use Item 100)	
27	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
32	See Note	NSS	Ring, Wear (Note: Use Item 101)	
34	See Note	NSS	Washer, Thrust (Note: Use Item 101)	
40	70006580	1	Tube, Stop (Not Shown)	
41	7017172	AR	Valve Assembly	
41A	7017192	2	Cartridge, Valve	
41A	See Note	NSS	Seal Kit - 7017192 Valve (Note: Not Available for Purchase)	
41B	See Note	3	Bolt 1/4 x 1-1/2 (Grade 8) (Note: Not Available - Purchase Locally)	
42	7017195	2	Bushing	
100	70000342	1	Seal Kit (Includes Items 20, 22, 24, 25, 27)	
101	7017159	1	Bearing Kit (Includes Items 32 & 34)	
102	7017142	1	Hardware Kit	
103	70001697	4	Screw, Countersunk 1/4 x 3/8 Grade 8	

SECTION 4 - BOOM

FIGURE 4-7. ROTATOR ASSEMBLY - 460SJ



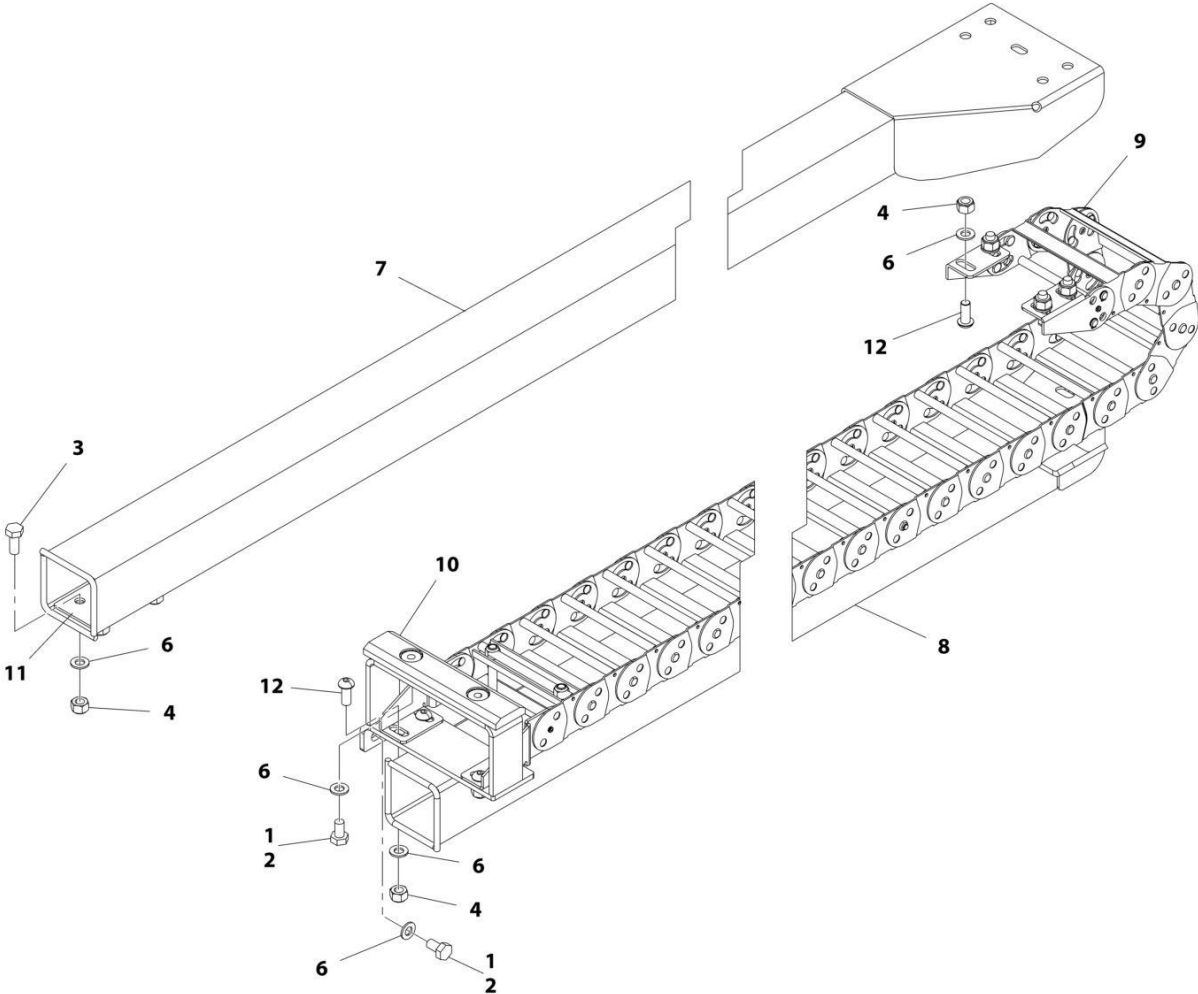
ART_1001181051

FIGURE 4-7. ROTATOR ASSEMBLY - 460SJ

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181051	Ref	ROTATOR ASSEMBLY	A
1	See Note	NSS	Housing/Ring Gear Assembly (Note: Not Available - Purchase Complete Rotator Assembly)	
2	7017162	1	Shaft Weldment	
3	7017163	1	Piston/Sleeve Assembly	
4	7017164	1	Cap, End	
20	See Note	NSS	T-Seal (Note: Use Item 100)	
22	See Note	NSS	T-Seal (Note: Use Item 100)	
24	See Note	NSS	O-Ring (Note: Use Item 100)	
25	See Note	NSS	Seal (Note: Use Item 100)	
26	See Note	NSS	O-Ring (Note: Use Item 100)	
27	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
32	See Note	NSS	Ring, Wear (Note: Use Item 101)	
34	See Note	NSS	Washer, Thrust (Note: Use Item 101)	
41	7017172	AR	Valve Assembly	
41A	7017192	2	Cartridge, Valve	
41A	See Note	NSS	Seal Kit - 7017192 Valve (Note: Not Available for Purchase)	
41B	See Note	3	Bolt 1/4-20NC x 1-1/2 Grade 8 (Note: Not Available - Purchase Locally)	
42	7017195	2	Bushing	
45	7017150	2	Bushing	
100	70000342	1	Seal Kit (Includes Items 20, 22, 24, 25, 27 & 33)	
101	7017159	1	Bearing Kit (Includes Items 32 & 34)	
102	7017142	1	Hardware Kit	
103	70001697	4	Screw, Countersunk 1/4 x 3/8 Grade 8	

SECTION 4 - BOOM

FIGURE 4-8. POWER TRACK INSTALLATION



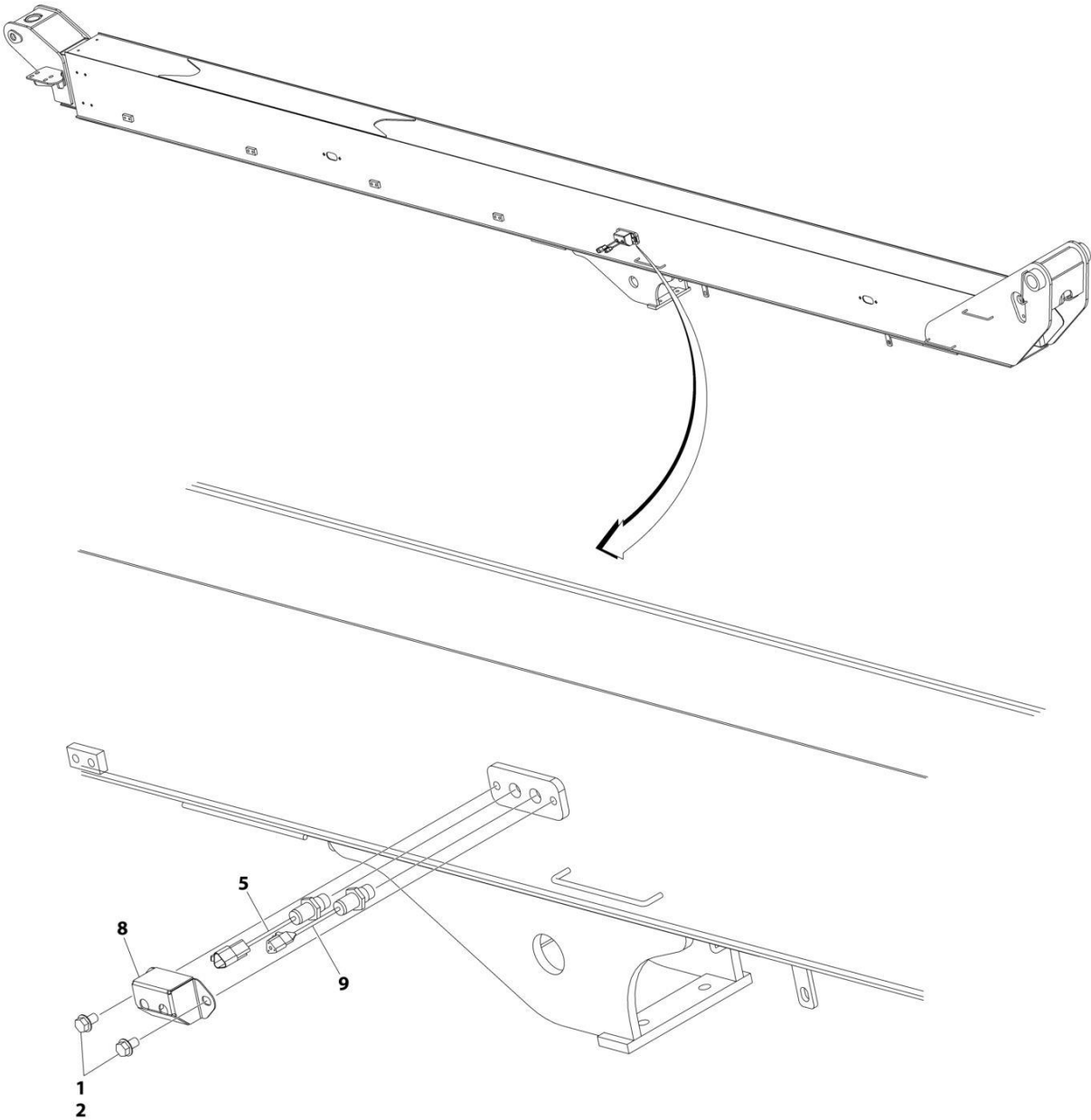
ART_1001165538

FIGURE 4-8. POWER TRACK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165538	Ref	POWER TRACK INSTALLATION	D
1	0100011	AR	Compound, Locking	
2	0761009	10	Bolt M10 x 18	
3	0761012	4	Bolt M10 x 25	
4	3291005	12	Nut M10	
6	4812000	22	Washer M10	
7	1001165531	1	Tube, Push	
8	1001165534	1	Tube, Carrier	
9	1001224888	1	Power Track	
9	70006255	1	Repair Section without Clamp - 10 Links	
9	70006270	1	Feet, Mounting (Includes 1 each Left and Right Mounting Feet)	
10	1001169611	1	Pad, Wear	
11	1001176899	1	Plate, Support	
12	1001173763	8	Screw M10 x 25	

SECTION 4 - BOOM

FIGURE 4-9. CAPACITY SWITCH INSTALLATION



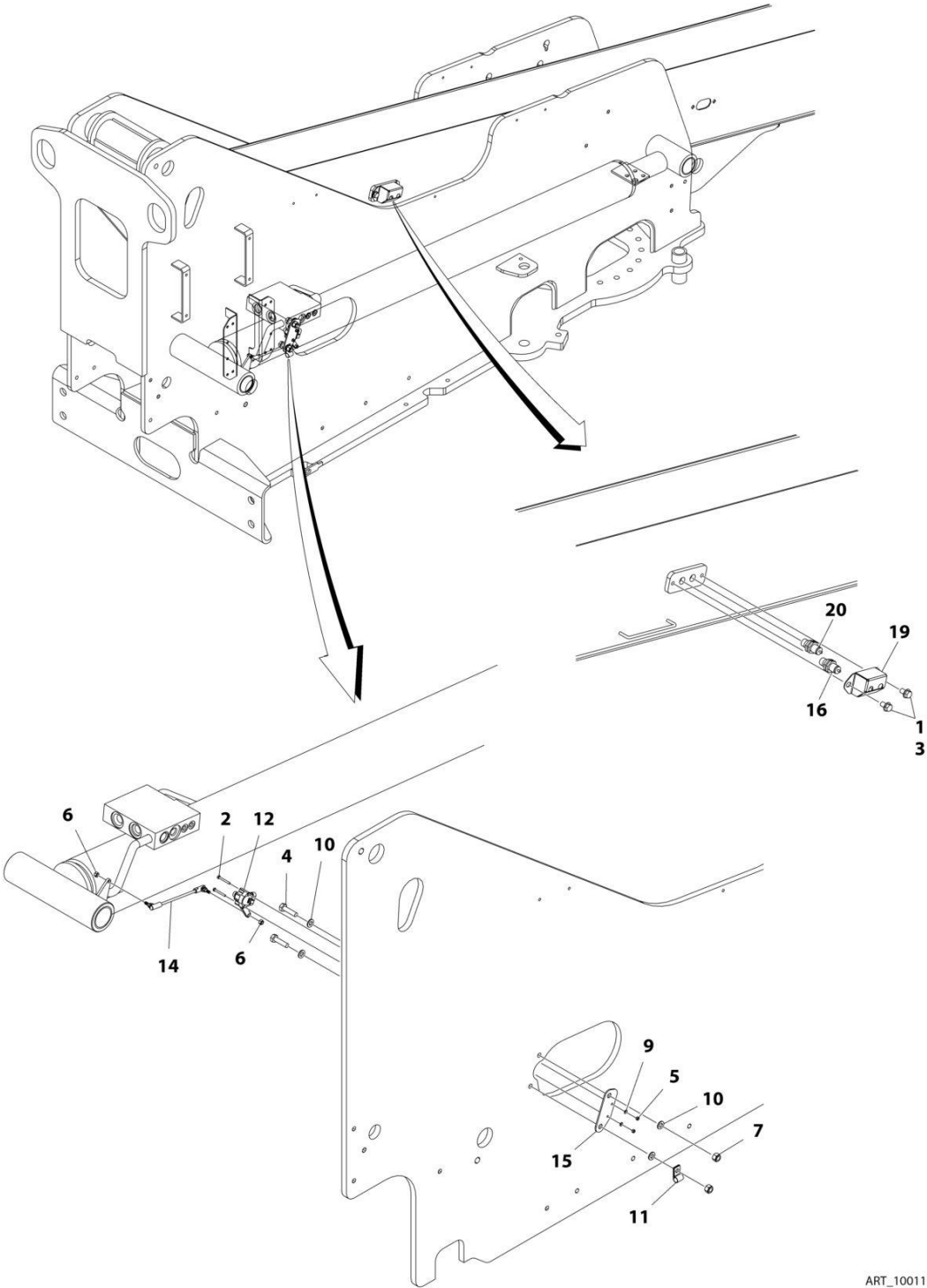
ART_1001173233

FIGURE 4-9. CAPACITY SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173233	Ref	CAPACITY SWITCH INSTALLATION	D
1	0100011	AR	Compound, Locking	
2	5251008	2	Bolt, M10 x 16	
5	1001170847	1	Sensor, Proximity	
5	4460536	1	Connector - 3 Position	
5	4460464	3	Pin, Male	
8	1001204715	1	Bracket, Cover	
9	1001182570	1	Sensor, Proximity	
9	4460539	1	Connector 3 Position	
9	4460465	3	Socket, Female	

SECTION 4 - BOOM

FIGURE 4-10. TRANSPORT SWITCHES INSTALLATION



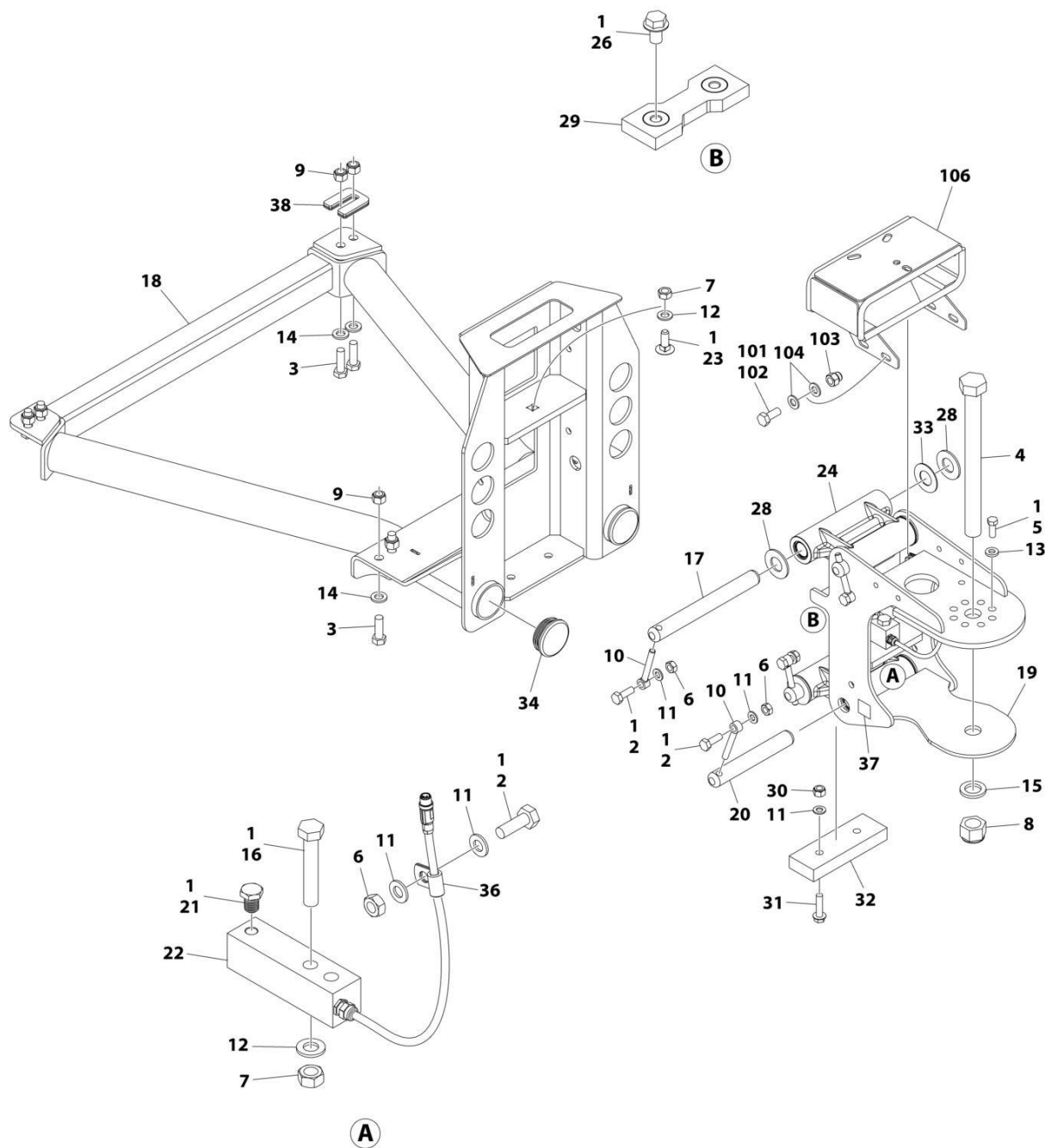
ART_1001170642

FIGURE 4-10. TRANSPORT SWITCHES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170642	Ref	TRANSPORT SWITCHES INSTALLATION	I
1	0100011	AR	Compound, Locking	
2	0760415	2	Bolt M4 x 35	
3	5251008	2	Bolt M10 x 16	
4	0761016	2	Bolt M10 x 40	
5	3290405	2	Nut M4 x 0.7	
6	3290605	2	Nut M6 x 1	
7	3291005	2	Nut M10 x 1.5	
9	4811400	2	Washer M4	
10	4812000	4	Washer M10	
11	8406110	1	Clip	
12	1001118971	1	Angle, Sensor	
14	1001170564	1	Link, Sensor	
15	1001170565	1	Bracket	
16	1001170847	1	Sensor, Proximity	
16	4460536	1	Connector - 3 Position	
16	4460464	3	Pin, Male	
19	1001204715	1	Bracket, Switch Cover	
20	1001182570	1	Sensor, Proximity	
20	4460539	1	Connector - 3 Position	
20	4460465	3	Socket, Female	
21	1001288195	1	Boom Angle Sensr Jumper Harness	

SECTION 4 - BOOM

FIGURE 4-11. PLATFORM SUPPORT INSTALLATION



ART_1001167596_N

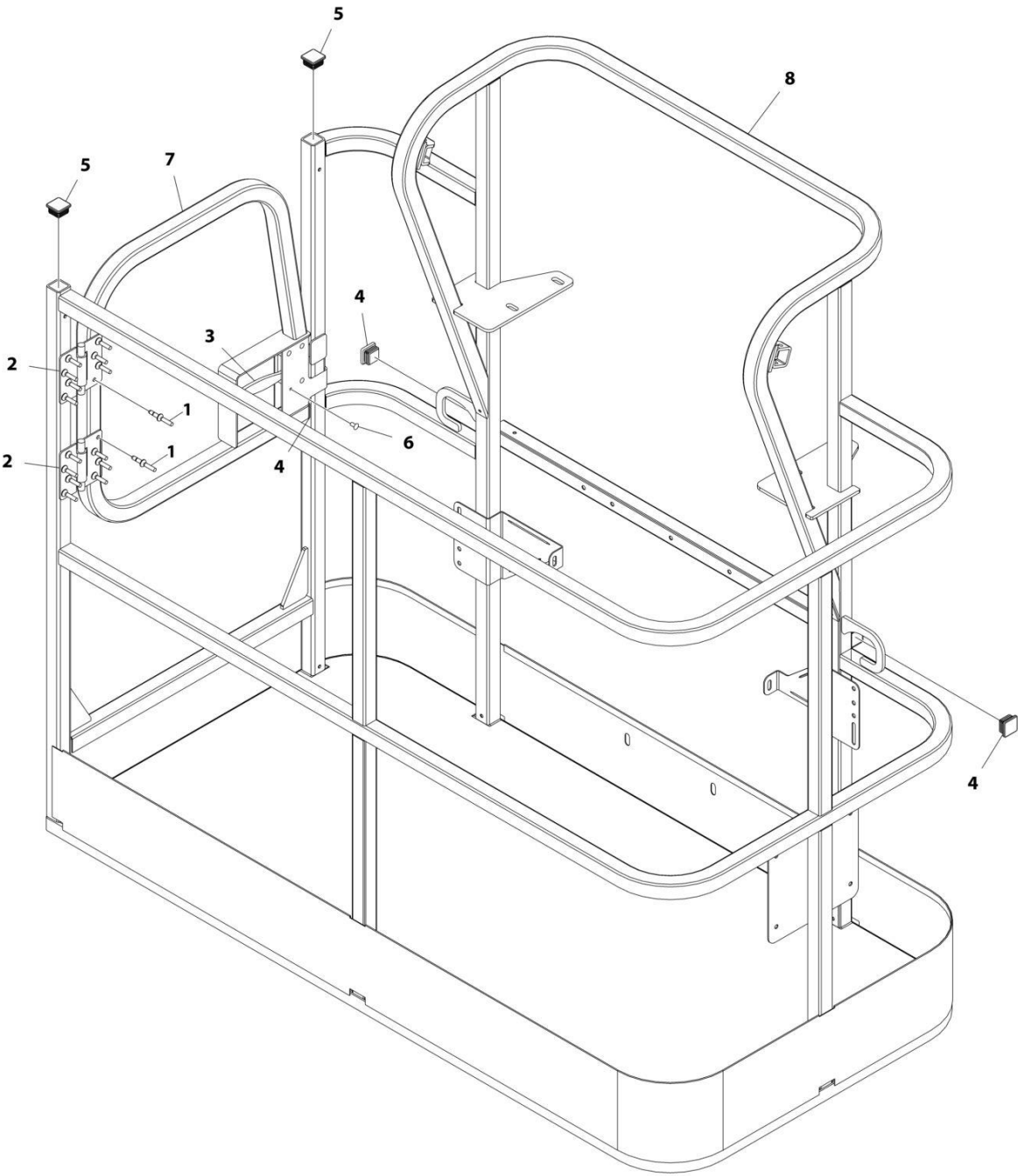
FIGURE 4-11. PLATFORM SUPPORT INSTALLATION

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	Loadcell	
23	1001188844	1	Bolt M12 x 35	
24	1001201351	2	Link	
24	1001187382	4	Bearing	
24	1001187383	4	Seal	
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 5 - PLATFORM

SECTION 5 - PLATFORM

FIGURE 5-1. PLATFORM ASSEMBLY - 30IN X 5FT (76.2CM X 1.52M) WITH SWING GATE



ART_1001186386

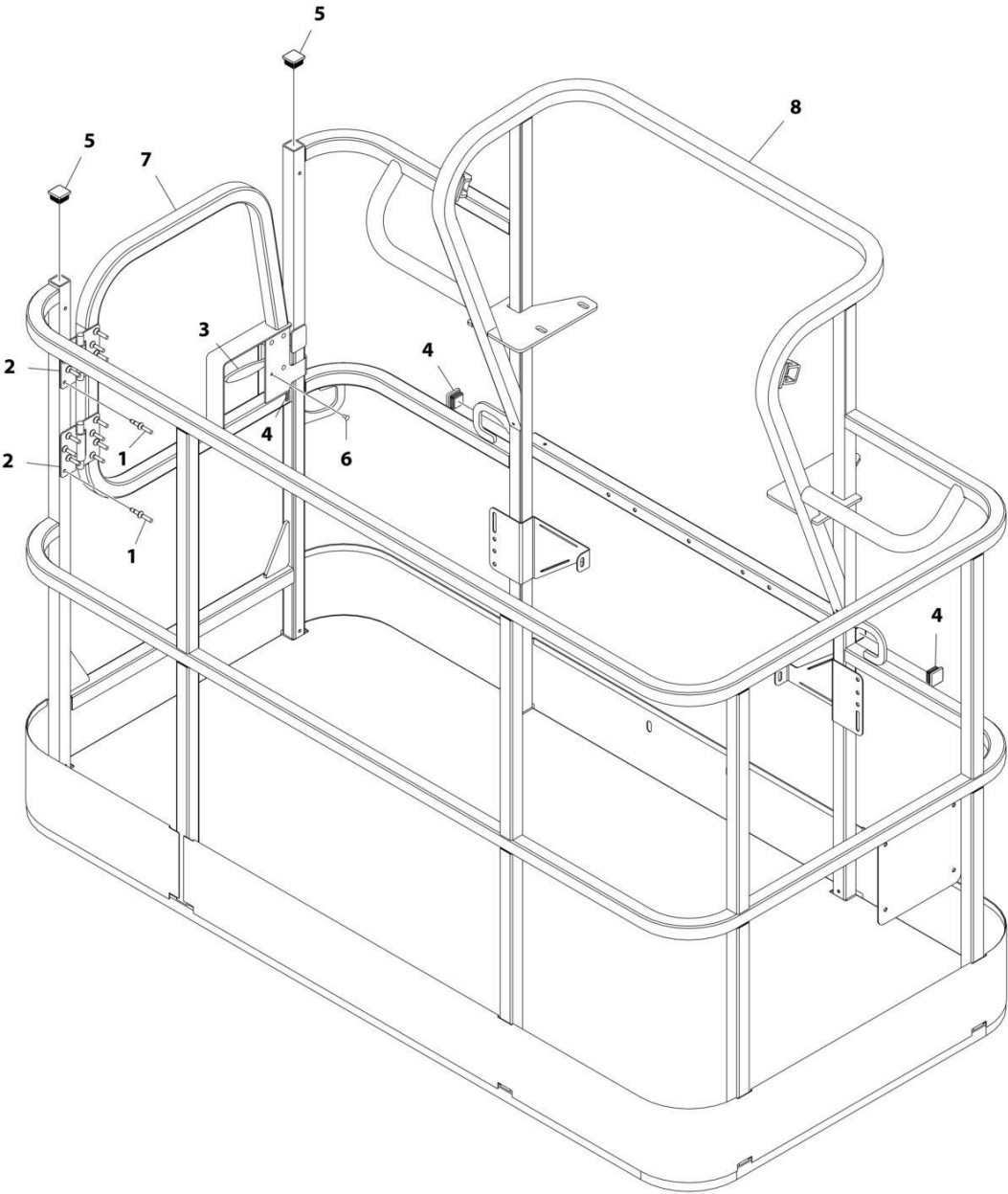
SECTION 5 - PLATFORM

FIGURE 5-1. PLATFORM ASSEMBLY - 30IN X 5FT (76.2CM X 1.52M) WITH SWING GATE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186386	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	NSS	Platform (Note: Not Available - Purchase Platform Assembly)	

SECTION 5 - PLATFORM

FIGURE 5-2. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH SWING GATE



ART_1001186384

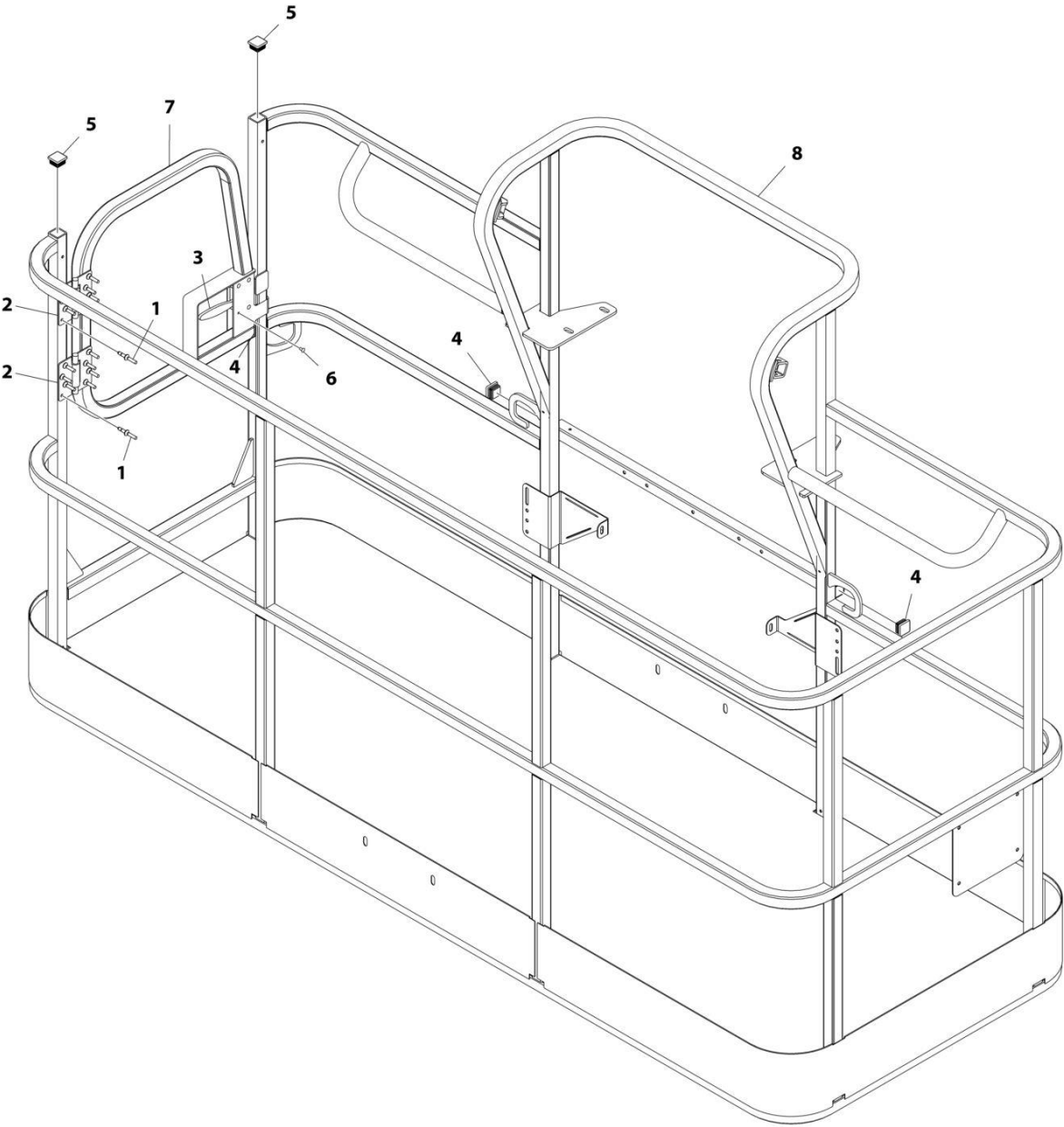
SECTION 5 - PLATFORM

FIGURE 5-2. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH SWING GATE

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 5-3. PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH SWING GATE



ART_1001186383

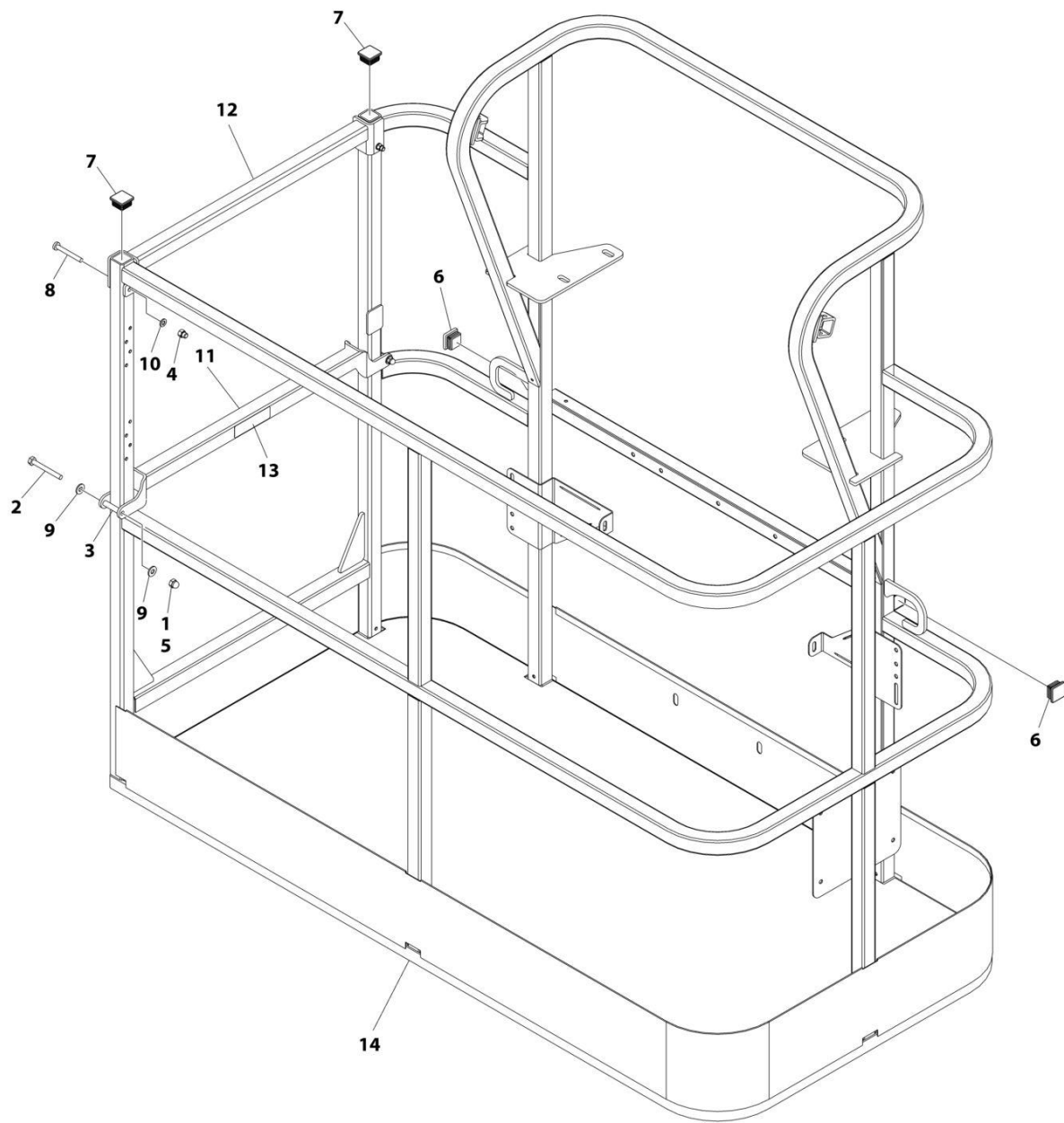
SECTION 5 - PLATFORM

FIGURE 5-3. PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH SWING GATE

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 5-4. PLATFORM ASSEMBLY - 30IN X 5FT (76.2CM X 1.52M) WITH DROP BAR



ART_1001186377

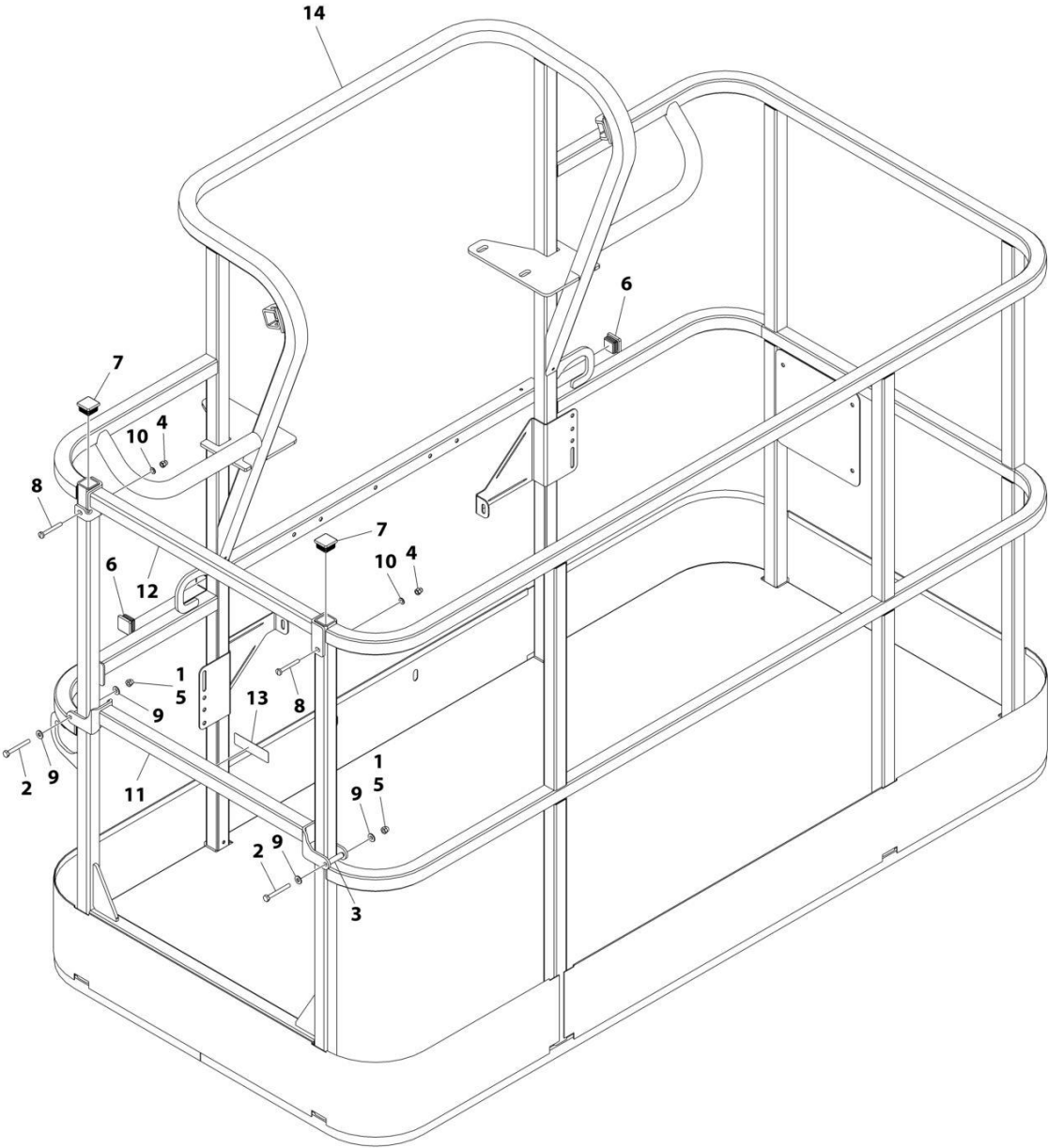
SECTION 5 - PLATFORM

FIGURE 5-4. PLATFORM ASSEMBLY - 30IN X 5FT (76.2CM X 1.52M) WITH DROP BAR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186377	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	0641420	2	Bolt 1/4 x 2-1/2	
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 5-5. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH DROP BAR



ART_1001186379

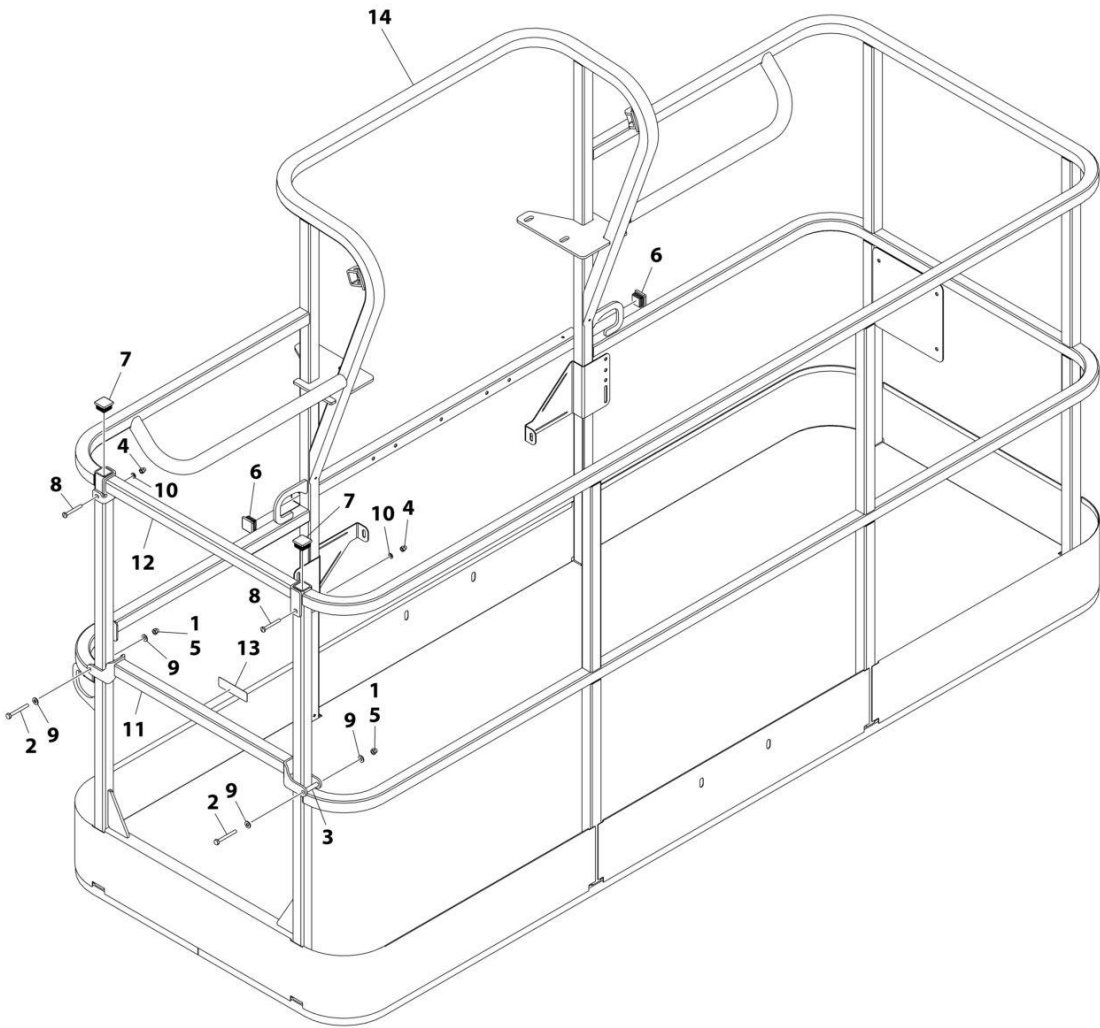
SECTION 5 - PLATFORM

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

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 5-6. PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH DROP BAR



ART_1001186382

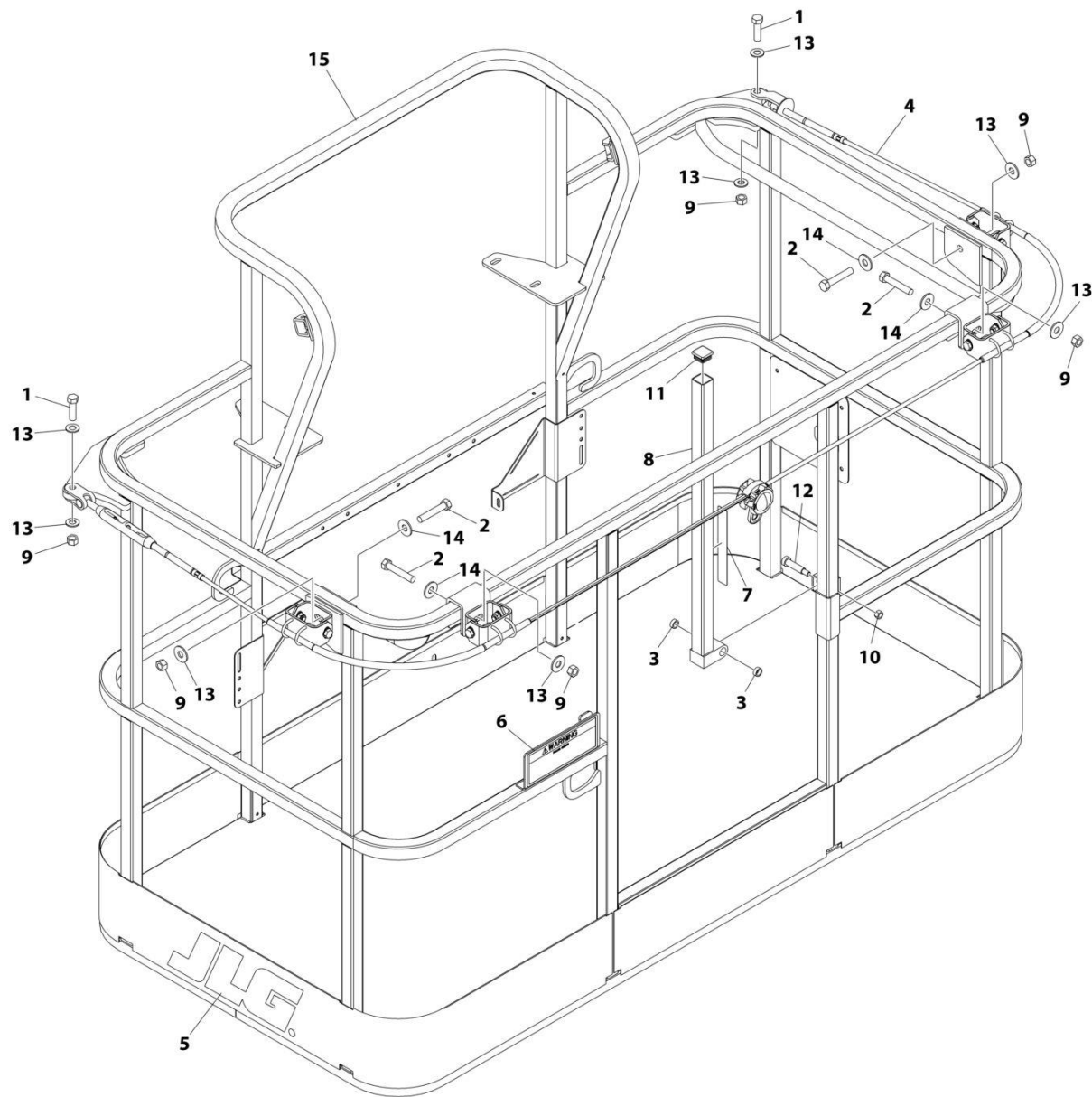
SECTION 5 - PLATFORM

FIGURE 5-6. PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH DROP BAR

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 5-7. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH FALL ARREST (ALL SPECS EXCEPT CE AND AUSTRALIAN SPECS)



ART_1001186333

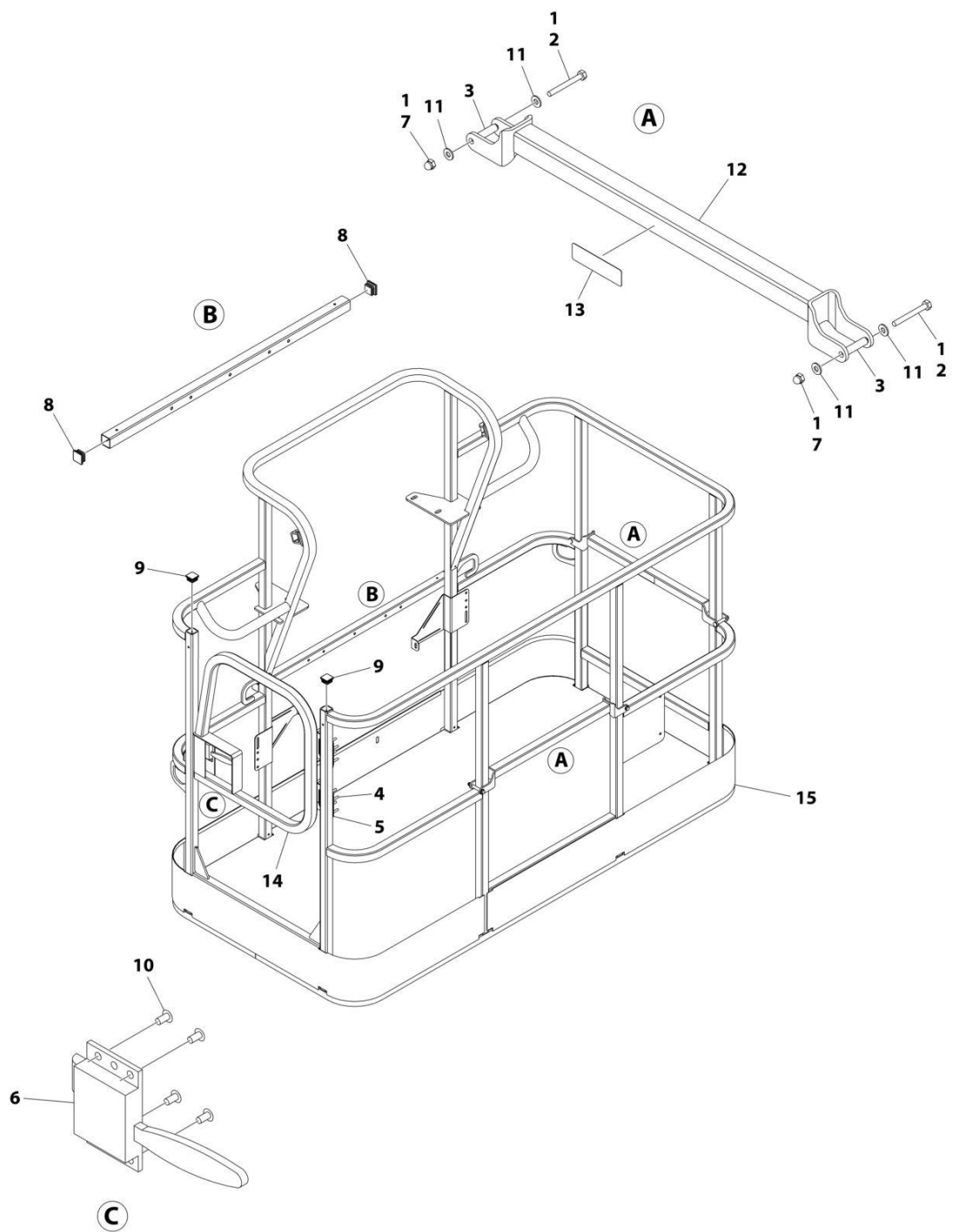
SECTION 5 - PLATFORM

FIGURE 5-7. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH FALL ARREST (ALL SPECS EXCEPT CE AND AUSTRALIAN SPECS)

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 5-8. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) TRI-ENTRY WITH GATE



ART_1001228376

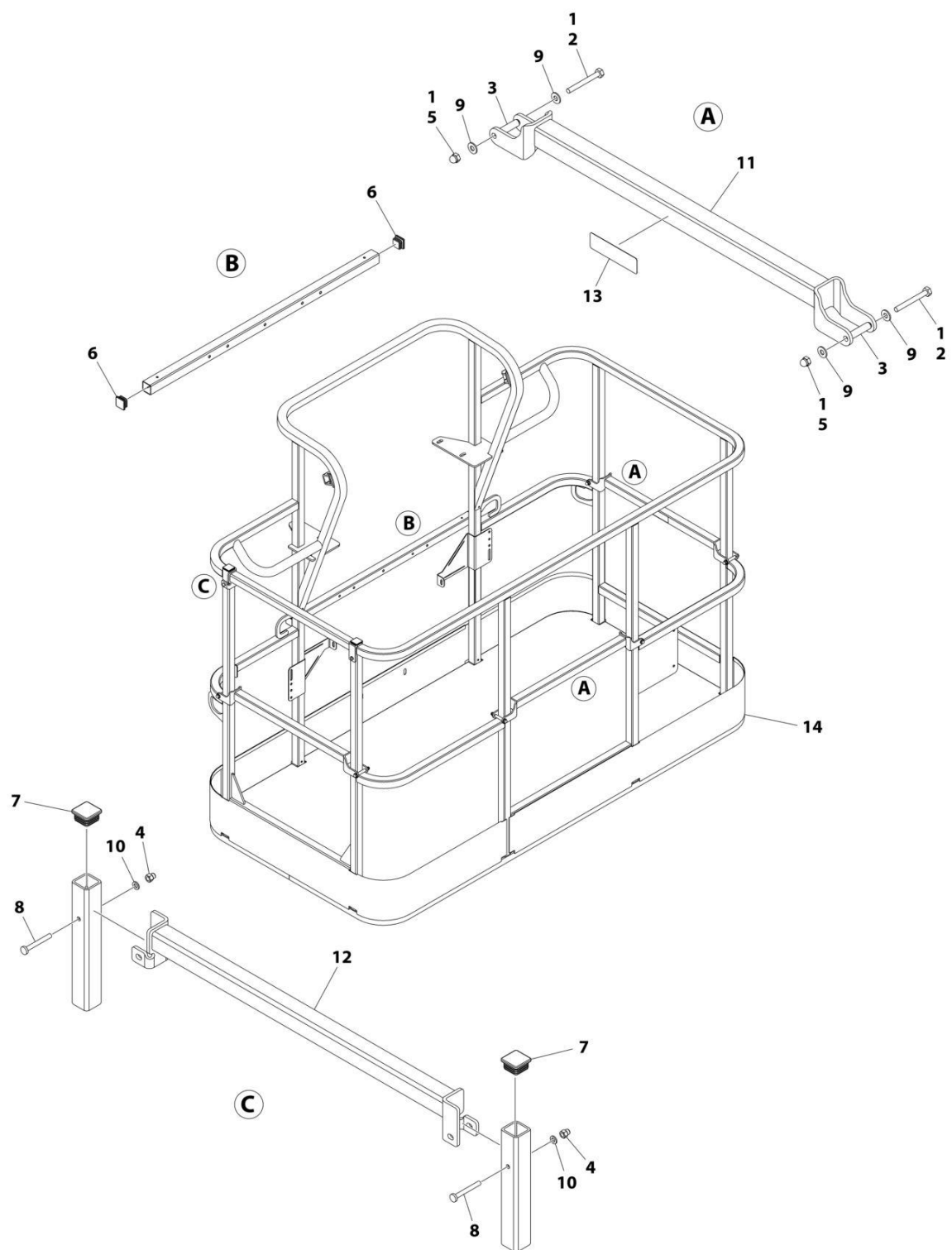
SECTION 5 - PLATFORM

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

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 - 36IN X 6FT (91.5CM X 1.83M) TRI-ENTRY WITH DROPBAR



ART_1001228377

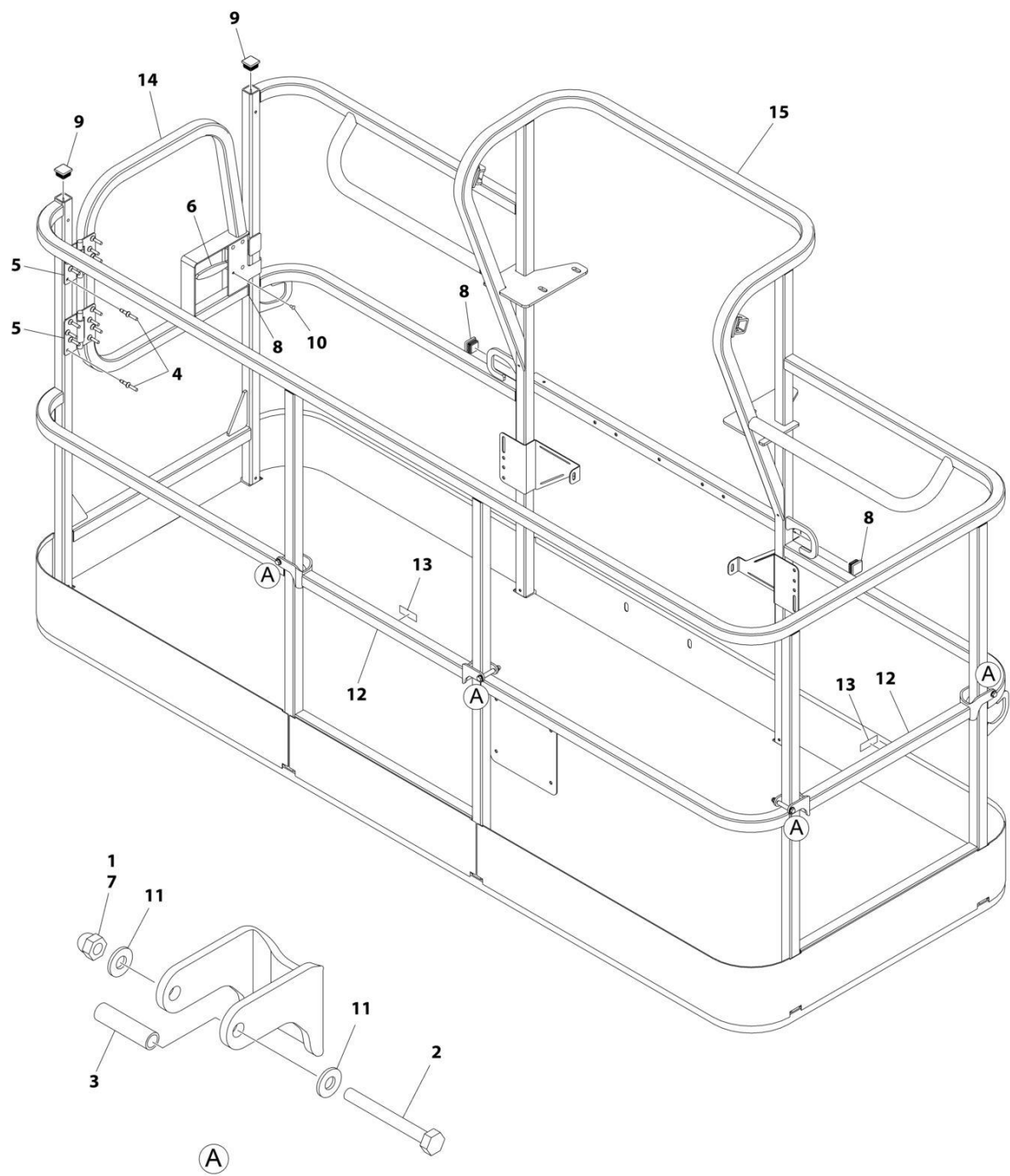
SECTION 5 - PLATFORM

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

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 - 36IN X 8FT (91.5CM X 2.44M) WITH TRI-ENTRY (1 GATE/2 DROP BARS)



ART_1001228243

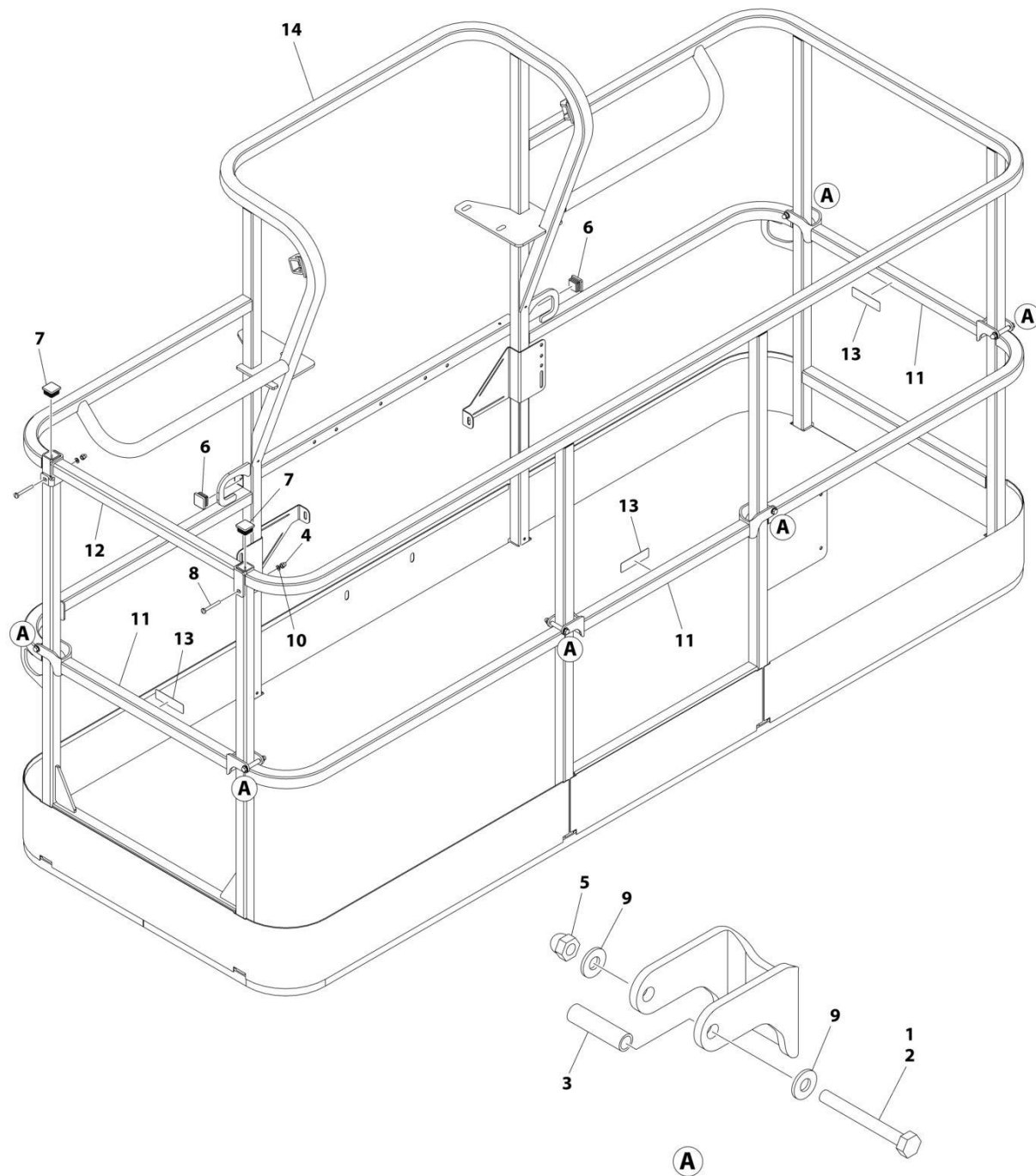
SECTION 5 - PLATFORM

FIGURE 5-10. PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH TRI-ENTRY (1 GATE/2 DROP BARS)

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 5-11. PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH TRI-ENTRY (3 DROP BARS)



ART_1001228375

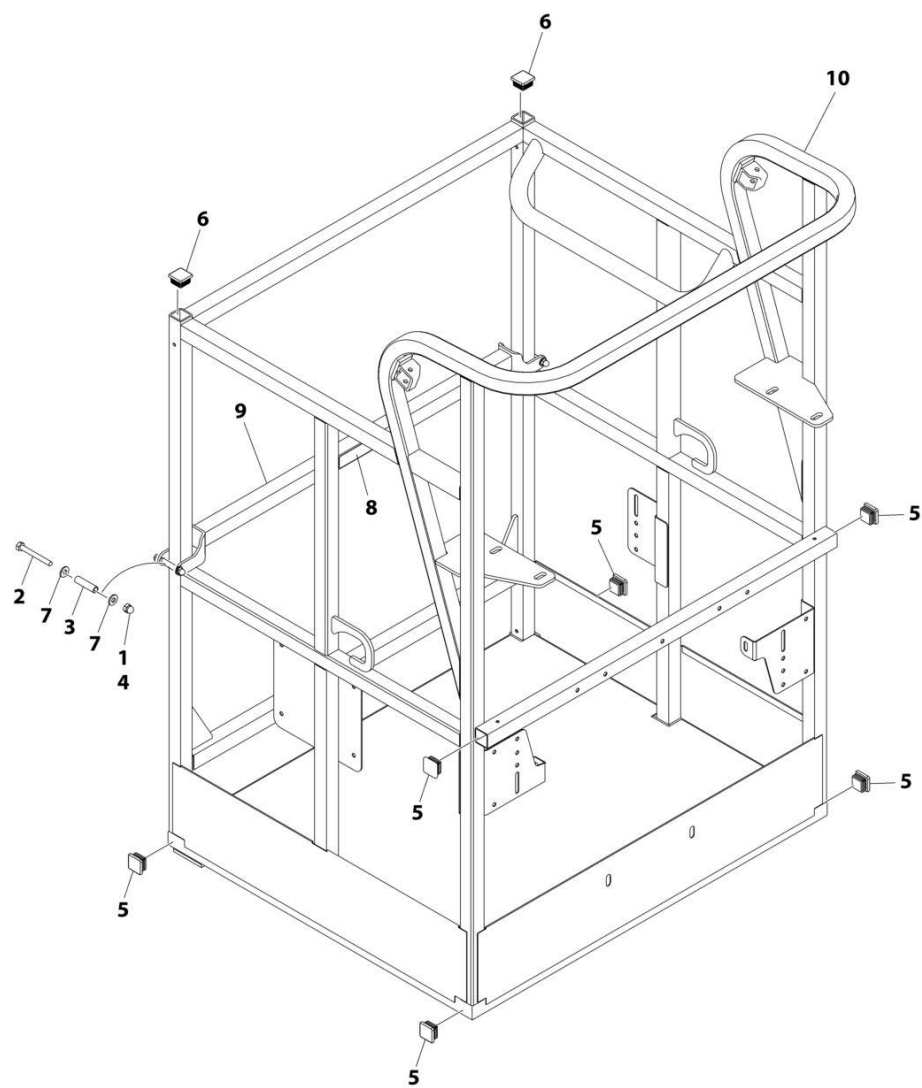
SECTION 5 - PLATFORM

FIGURE 5-11. PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH TRI-ENTRY (3 DROP BARS)

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 5-12. PLATFORM ASSEMBLY - 30IN X 3FT (76CM X .91M) - DROP BAR ENTRY



ART_1001228215

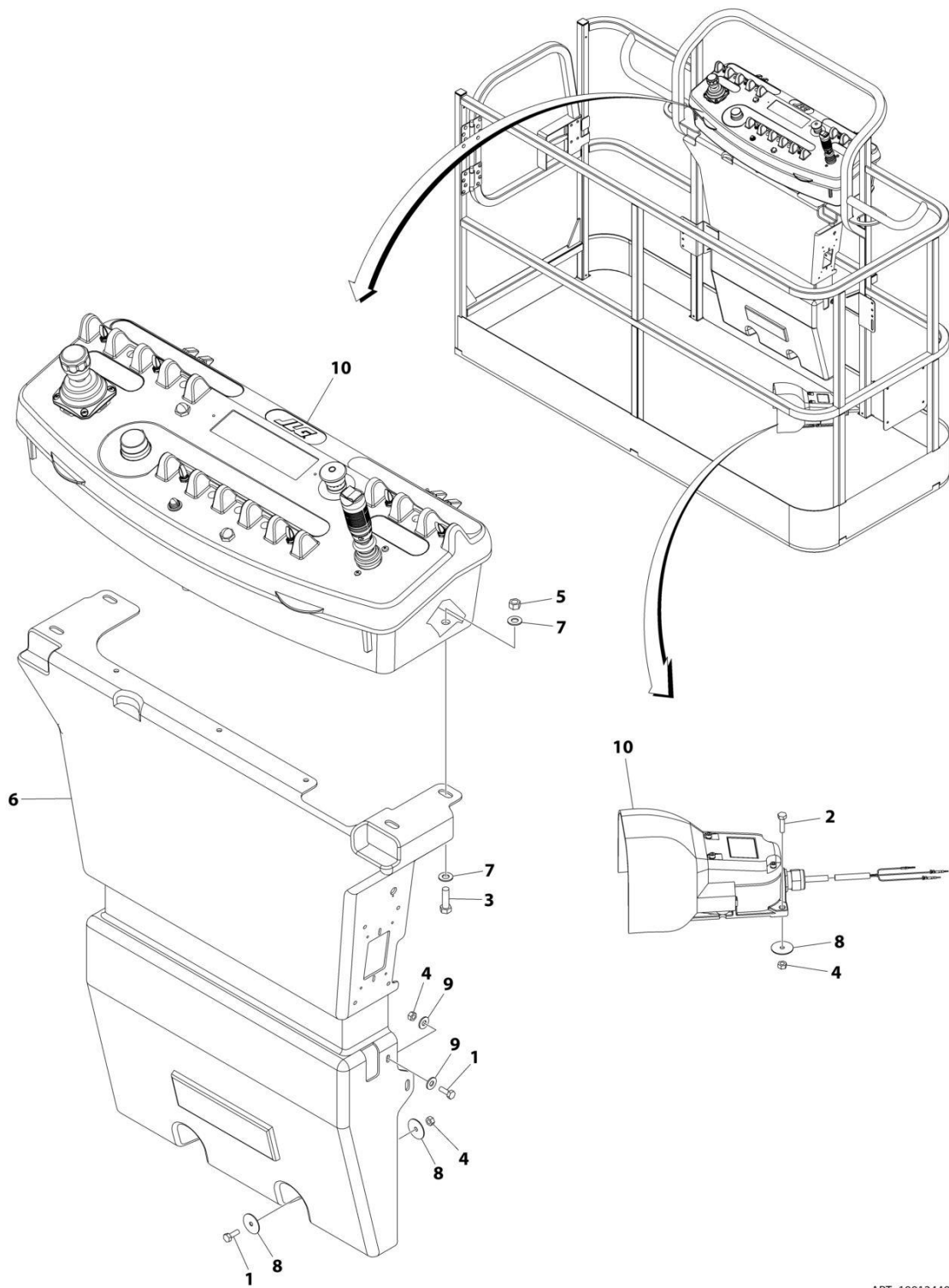
SECTION 5 - PLATFORM

FIGURE 5-12. PLATFORM ASSEMBLY - 30IN X 3FT (76CM X .91M) - DROP BAR ENTRY

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 5-13. PLATFORM CONSOLE BOX INSTALLATION



ART_1001244975

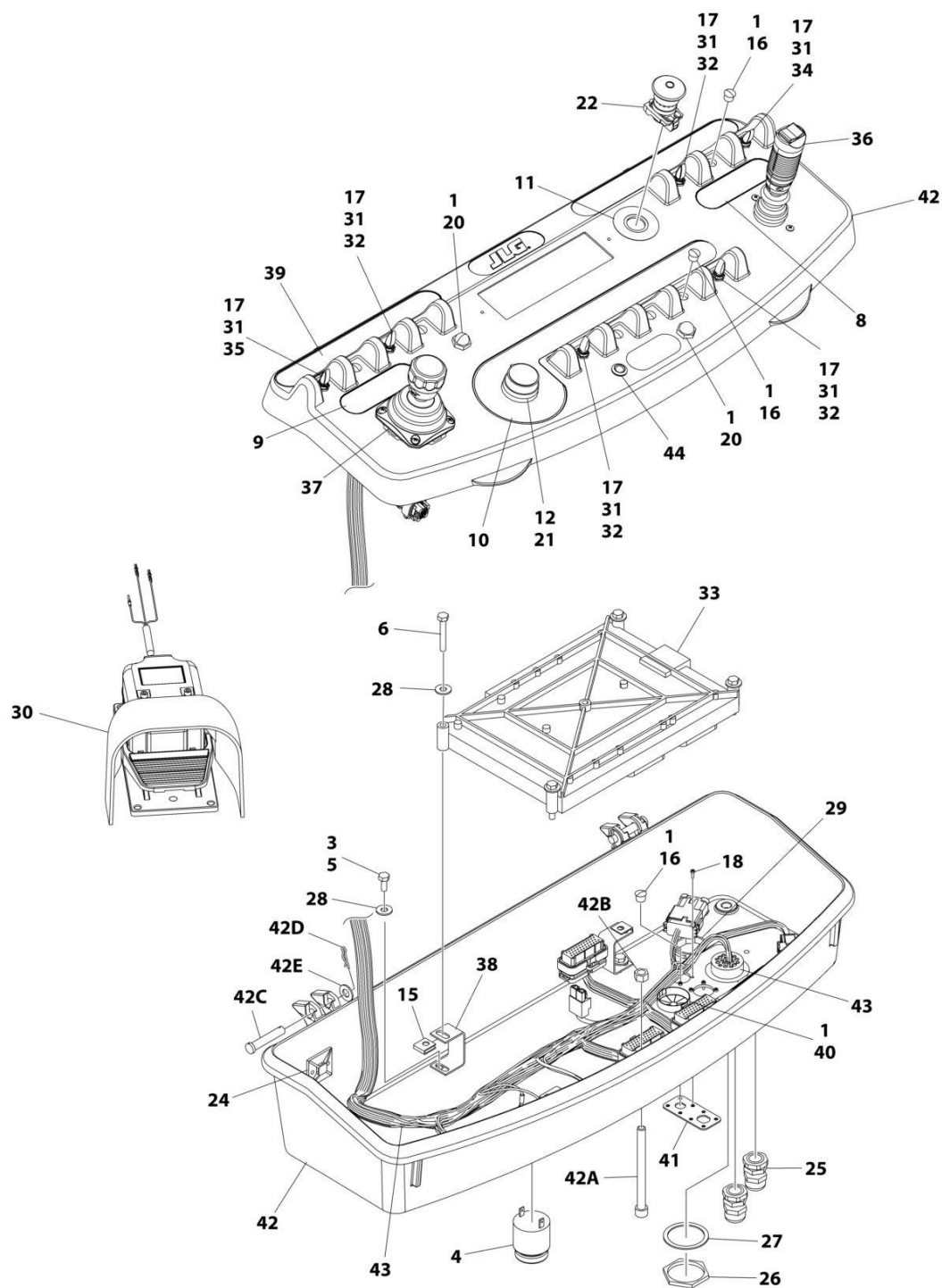
SECTION 5 - PLATFORM

FIGURE 5-13. PLATFORM CONSOLE BOX INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244975	Ref	PLATFORM CONSOLE BOX 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, Lock 1/4	
5	3311605	4	Nut, Lock 3/8	
6	3380434	1	Panel, Decal Mount	
7	4751600	8	Washer, 3/8	
8	4740362	7	Washer, 1/4	
9	4751400	4	Washer, 1/4	
10	1001244976	1	Platform Console Box Assembly (See Separate Breakdown in this Section)	

SECTION 5 - PLATFORM

FIGURE 5-14. PLATFORM CONSOLE BOX ASSEMBLY



ART_1001244976_B

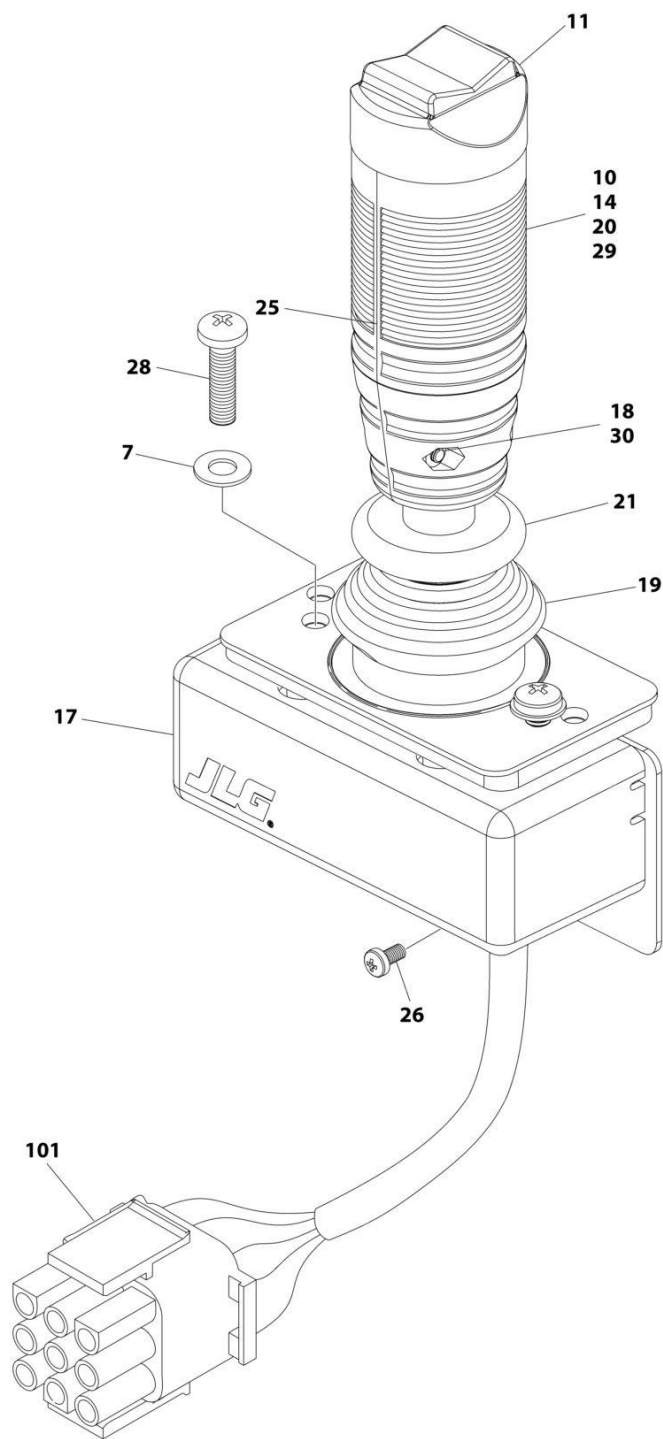
SECTION 5 - PLATFORM

FIGURE 5-14. PLATFORM CONSOLE BOX ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244976	Ref	PLATFORM CONSOLE BOX ASSEMBLY	B
1	0100009	AR	Sealant	
3	0100035	AR	Compound, Locking	
4	0140011	1	Alarm	
5	0641405	4	Bolt 1/4 x 5/8	
6	0641414	4	Bolt 1/4 x 1-3/4	
8	1702565	1	Decal - Drive and Steer	
9	1702566	1	Decal - Lift and Swing	
10	1702567	1	Decal - Function Speed	
11	1704260	1	Decal - EMS	
12	2560136	1	Handle, Knob	
15	3300353	4	Nut, Tinnerman	
16	3520054	7	Plug	
17	3790012	6	O-Ring	
18	3900349	8	Screw M2.5	
19	4240099	AR	Tie-Strap (Not Shown)	
20	4360387	2	Switch, Pushbutton	
21	4360407	1	Switch, Potentiometer	
22	1001274559	1	Switch, Emergency	
24	4460234	6	Terminal	
25	4460428	2	Connector, Strain Relief	
26	4460470	1	Nut, Terminal	
27	4460471	1	Washer	
28	4751400	8	Washer 1/4	
29	1001110434	1	Plug	
30	1001117174	1	Footswitch Assembly (See Separate Breakdown in this Section)	
31	1001155044	6	Nut 15/32	
32	1001155045	4	Switch, Toggle	
33	1001157196	1	Controller, Module (Note: Re-calibration Required when Replaced)	
34	1001159256	1	Switch, Toggle	
35	1001161709	1	Switch, Toggle	
36	1001166538	NLA	Controller Assembly (Drive and Steer) (Use p/n 1001212415) (See Separate Breakdown in this Section)	
37	1001166539	1	Controller Assembly (Lift and Swing) (See Separate Breakdown in this Section)	
38	1001172760	4	Bracket	
39	1001184626	1	Decal - Horn	
40	1001185281	1	Plug	
41	1001213882	1	Connector Mount	
42	1001215228	1	Platform Console Box	
42A	0630568	1	Capscrew 3/8 x 4-1/2	
42B	3311601	1	Nut 3/8	
42C	3430616	2	Pin	
42D	3470003	2	Hairpin	
42E	4711600	2	Washer 3/8	
43	1001238254	1	Harness, Platform Console Box (See Separate Breakdown in ELECTRICAL Section)	
44	1001206532	1	Lamp, LED Indicator Yellow	

SECTION 5 - PLATFORM

FIGURE 5-15. CONTROLLER ASSEMBLY (DRIVE AND STEER)



ART_1001166538

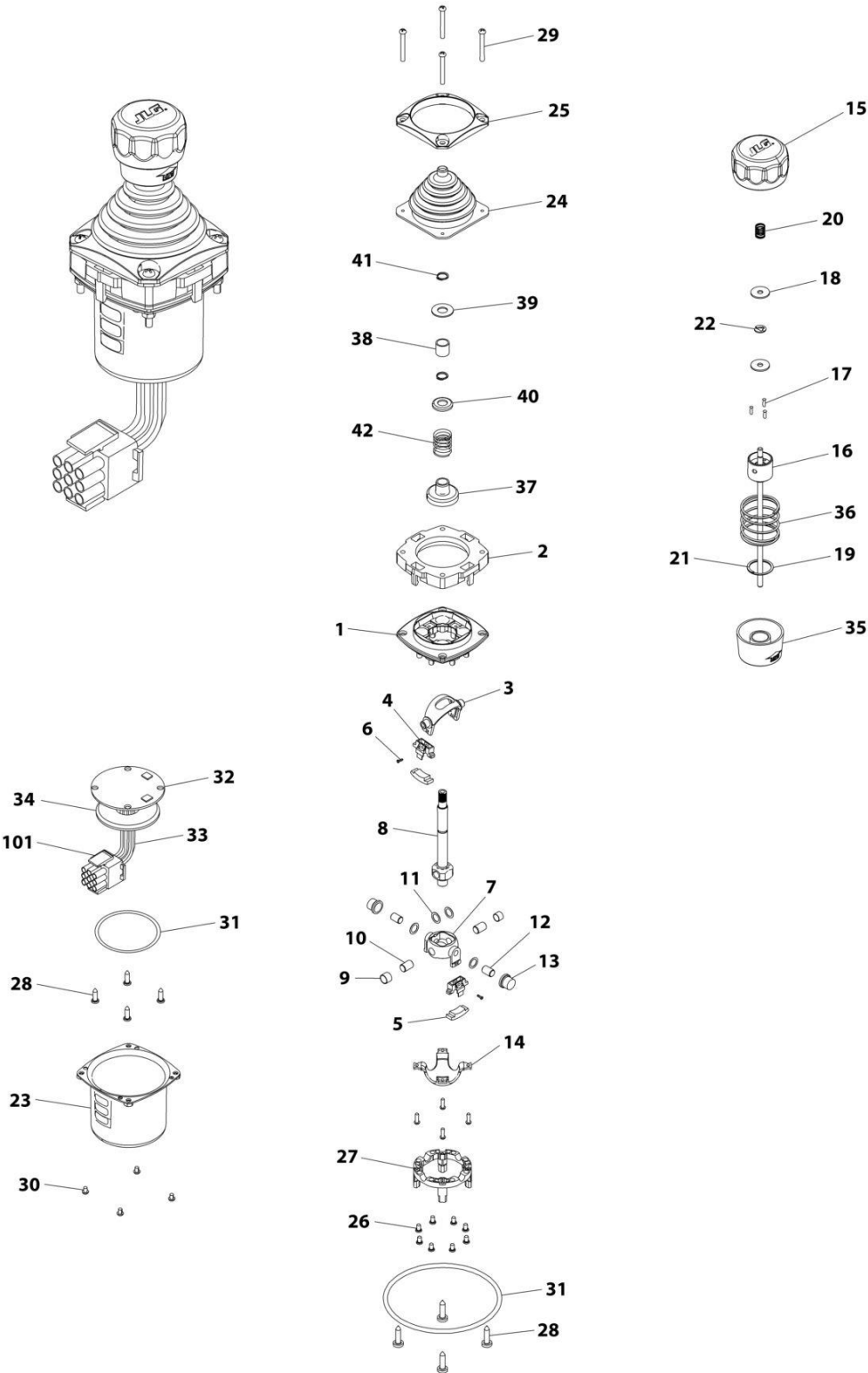
SECTION 5 - PLATFORM

FIGURE 5-15. CONTROLLER ASSEMBLY (DRIVE AND 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 5-16. CONTROLLER ASSEMBLY (LIFT AND SWING)



ART_1001166539

SECTION 5 - PLATFORM

FIGURE 5-16. CONTROLLER ASSEMBLY (LIFT AND SWING)

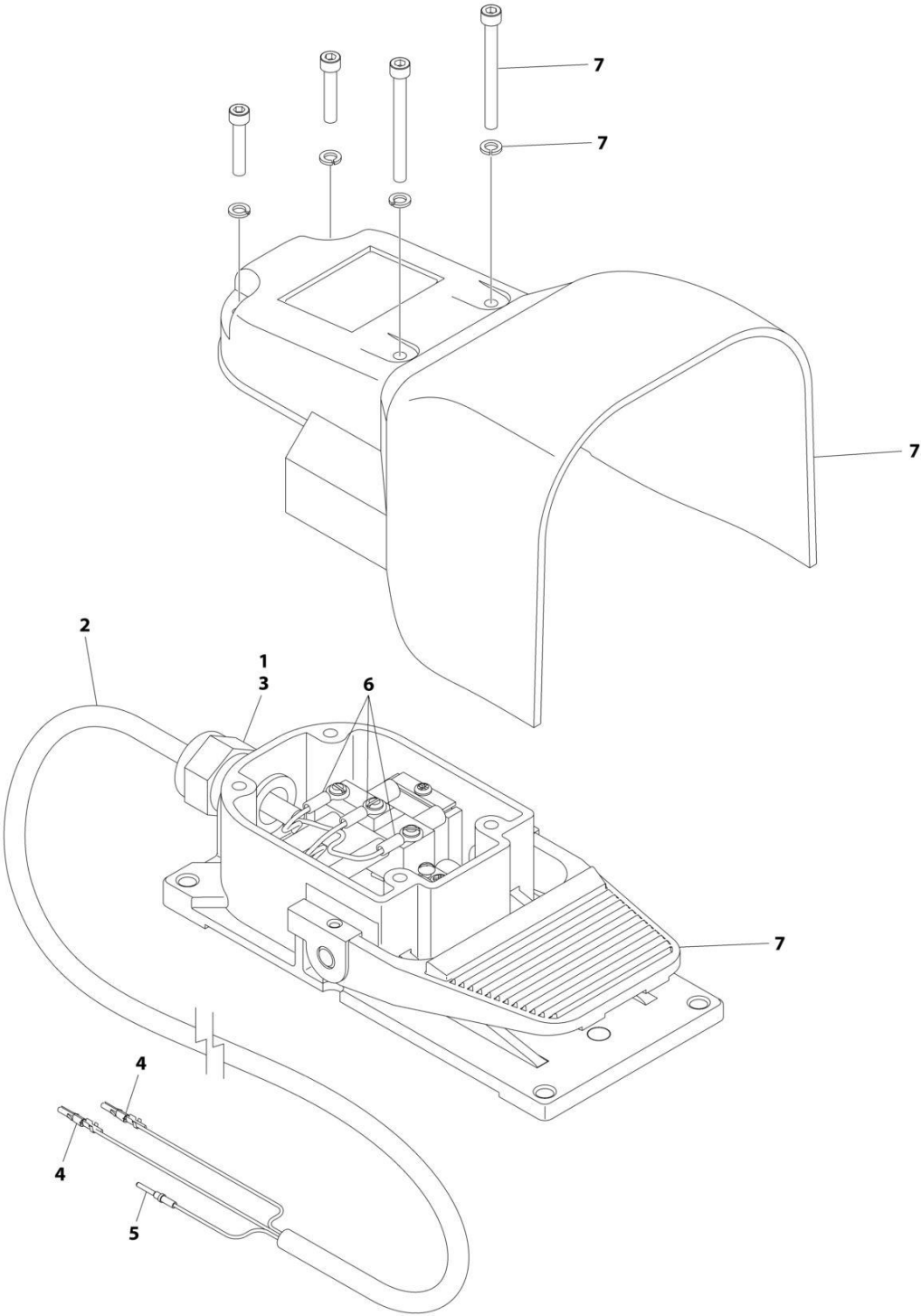
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166539	Ref	CONTROLLER ASSEMBLY	E
		Ref	Note: Original Equipment Controller May Have Been Replaced with Service Replacement Controller. Visually Identify Controller Before Ordering Parts.	
		Ref	Note: For Replacement, Use p/n 1001129555	
1	See Note	NSS	Main Cast 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 5-17. FOOTSWITCH ASSEMBLY



ART_1001117174

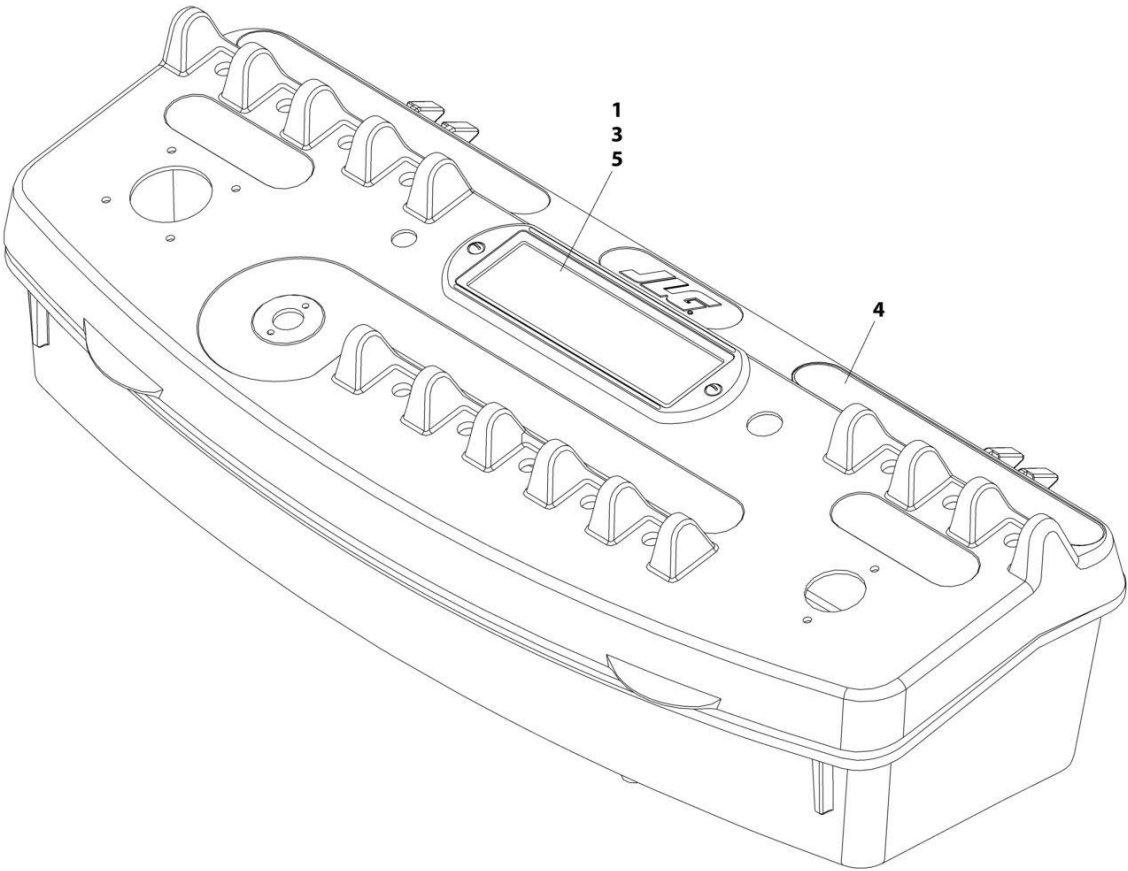
SECTION 5 - PLATFORM

FIGURE 5-17. FOOTSWITCH ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001117174	Ref	FOOTSWITCH ASSEMBLY	C
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 5-18. LIGHT PANEL INSTALLATION



ART_1001242680_20F2

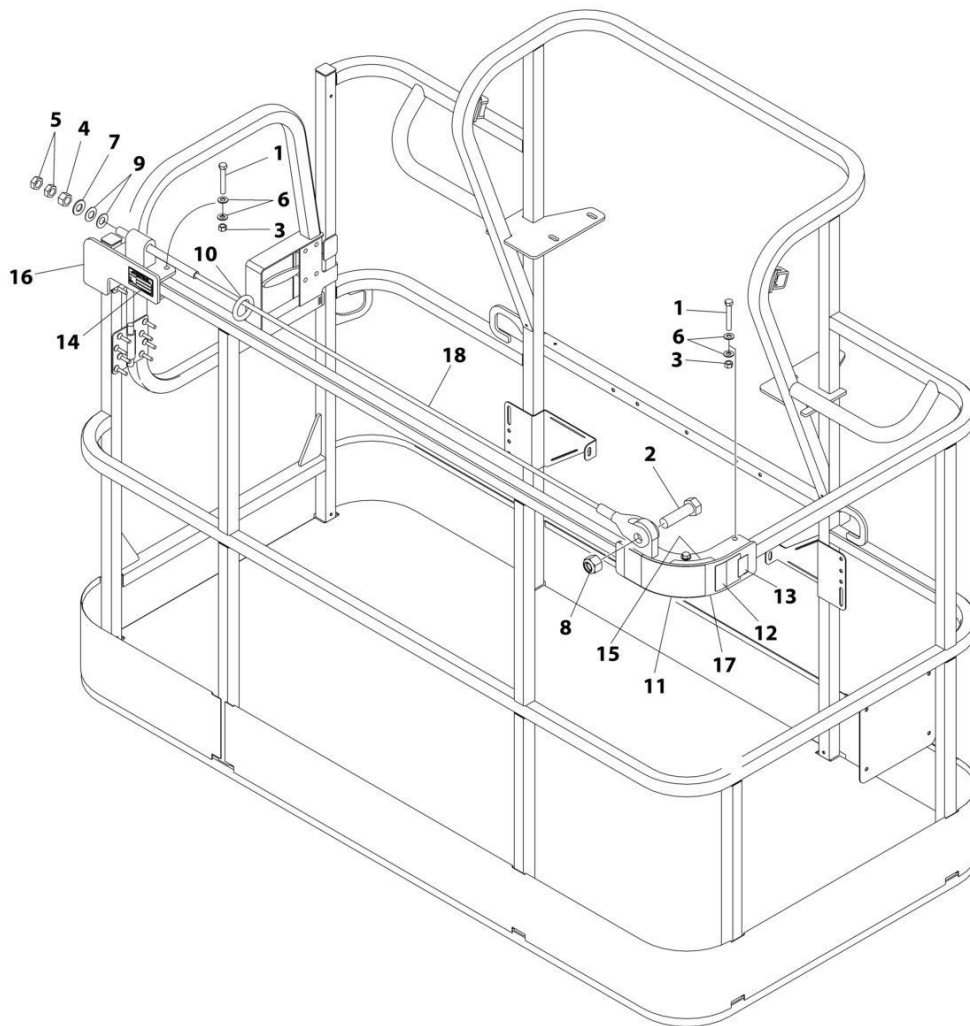
SECTION 5 - PLATFORM

FIGURE 5-18. LIGHT PANEL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242680	Ref	LIGHT PANEL INSTALLATION - 460SJ	A
1	0100035	AR	Compound, Locking	
3	3911010	2	Screw #10 x 5/8	
4	1001184618	1	Decal - Stop and Auxiliary Power	
5	1001237544	1	Light Panel Electrical Assembly	
5	1001236087	1	Overlay	
5	1001187807	1	Light Panel PCB	

SECTION 5 - PLATFORM

FIGURE 5-19. FALL ARREST (BOLT-ON) INSTALLATION - 5FTX3FT PLATFORM (ALL SPECS EXCEPT CE & UK CA SPECS) (OPTIONAL)



ART_1001257275

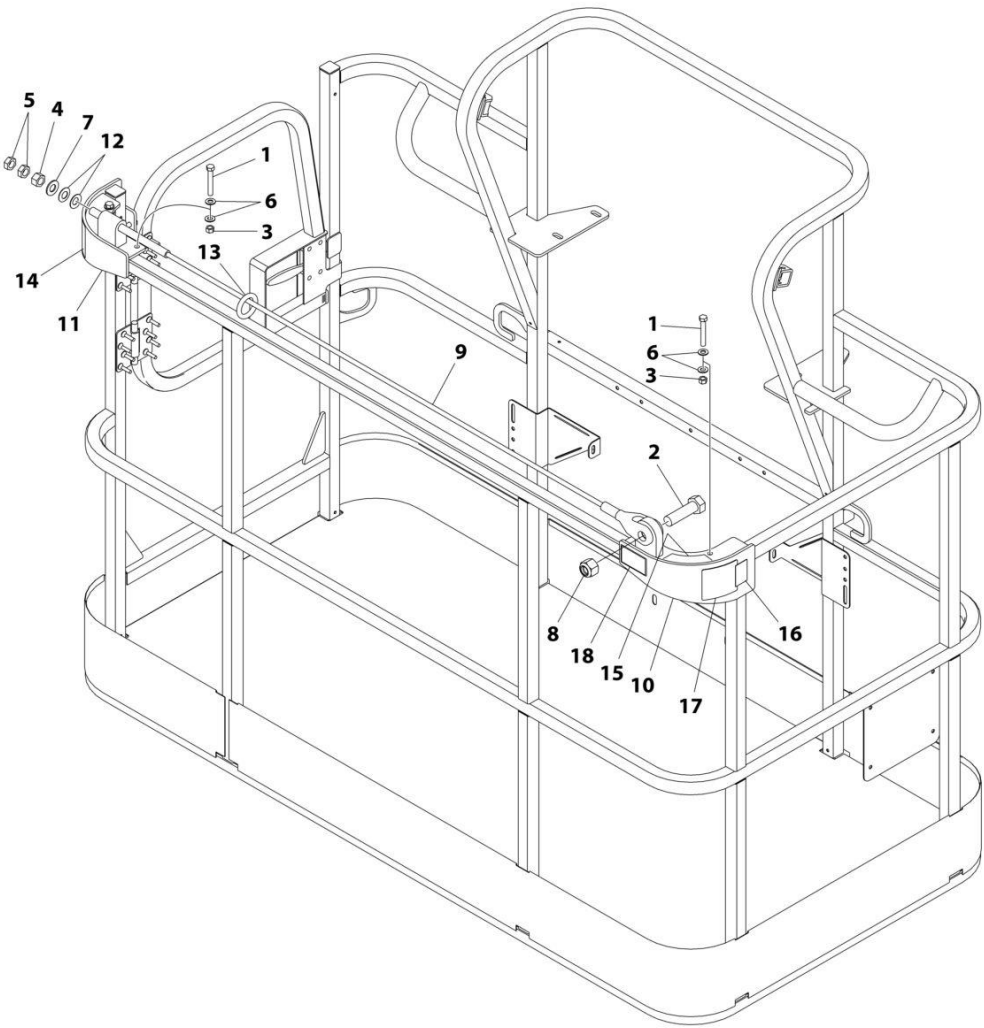
SECTION 5 - PLATFORM

FIGURE 5-19. FALL ARREST (BOLT-ON) INSTALLATION - 5FTX3FT PLATFORM (ALL SPECS EXCEPT CE & UK CA SPECS) (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257275	Ref	FALL ARREST INSTALLATION (BOLT - ON) 6FT/1.82M 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	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	1001258005	1	Rope	

SECTION 5 - PLATFORM

FIGURE 5-20. FALL ARREST (BOLT-ON) INSTALLATION - 6FTX3FT PLATFORM (ALL SPECS EXCEPT CE & UK CA SPECS) (OPTIONAL)



ART_1001236747

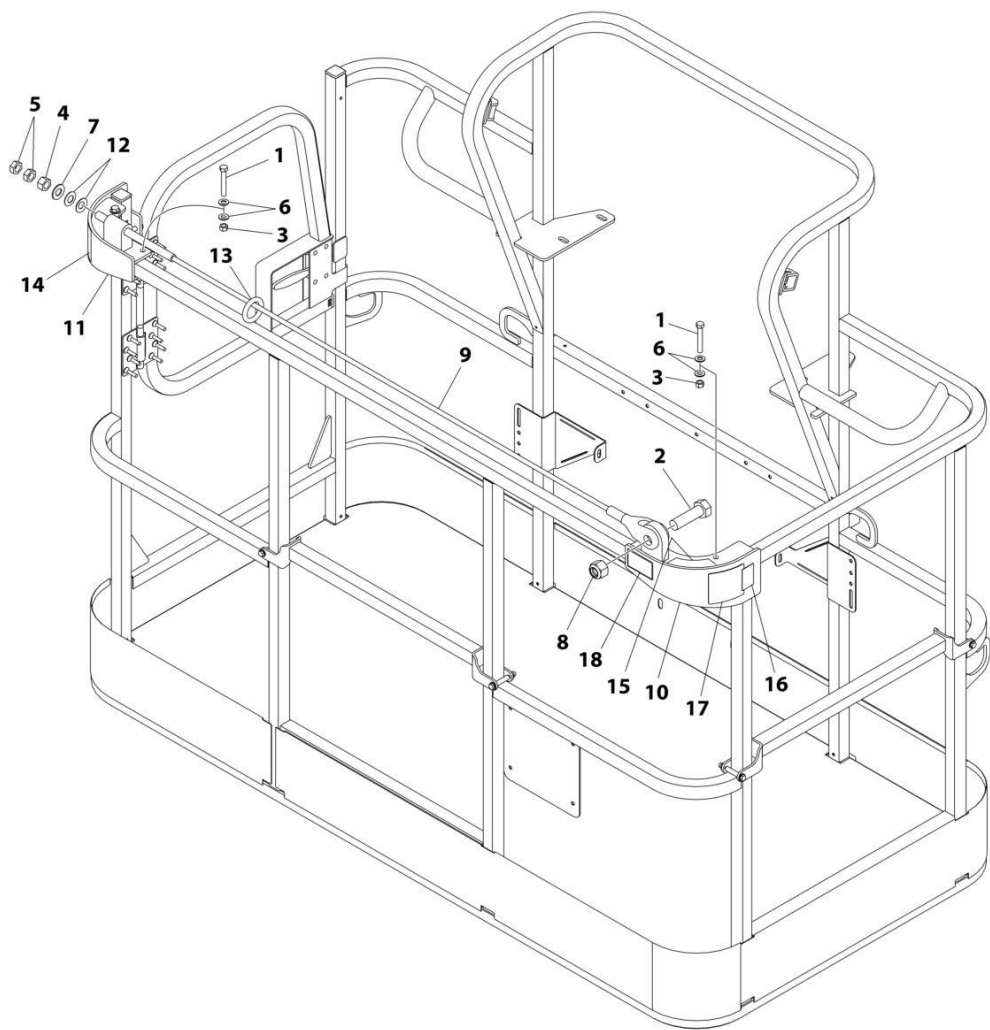
SECTION 5 - PLATFORM

FIGURE 5-20. FALL ARREST (BOLT-ON) INSTALLATION - 6FTX3FT PLATFORM (ALL SPECS EXCEPT CE & UK CA SPECS) (OPTIONAL)

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 5-21. FALL ARREST (BOLT-ON) INSTALLATION - 6FTX3FT TRI-ENTRY PLATFORM (ALL SPECS EXCEPT CE & UK CA SPECS) (OPTIONAL)



ART_1001238463

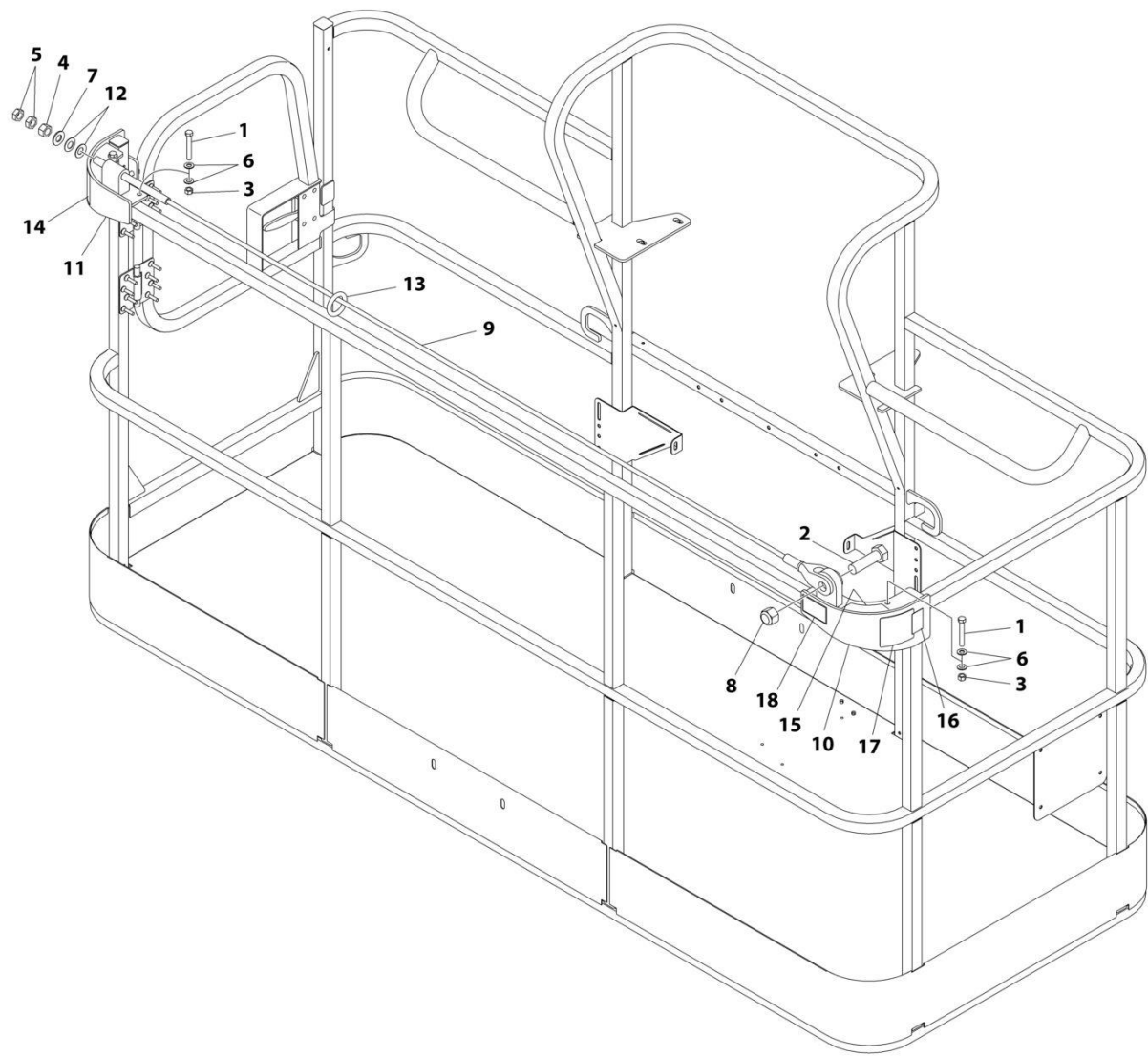
SECTION 5 - PLATFORM

FIGURE 5-21. FALL ARREST (BOLT-ON) INSTALLATION - 6FTX3FT TRI-ENTRY PLATFORM (ALL SPECS EXCEPT CE & UK CA SPECS) (OPTIONAL)

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 5 - PLATFORM

FIGURE 5-22. FALL ARREST (BOLT-ON) INSTALLATION - 8FTX3FT PLATFORM (ALL SPECS EXCEPT CE & UK CA SPECS) (OPTIONAL)



ART_1001236746

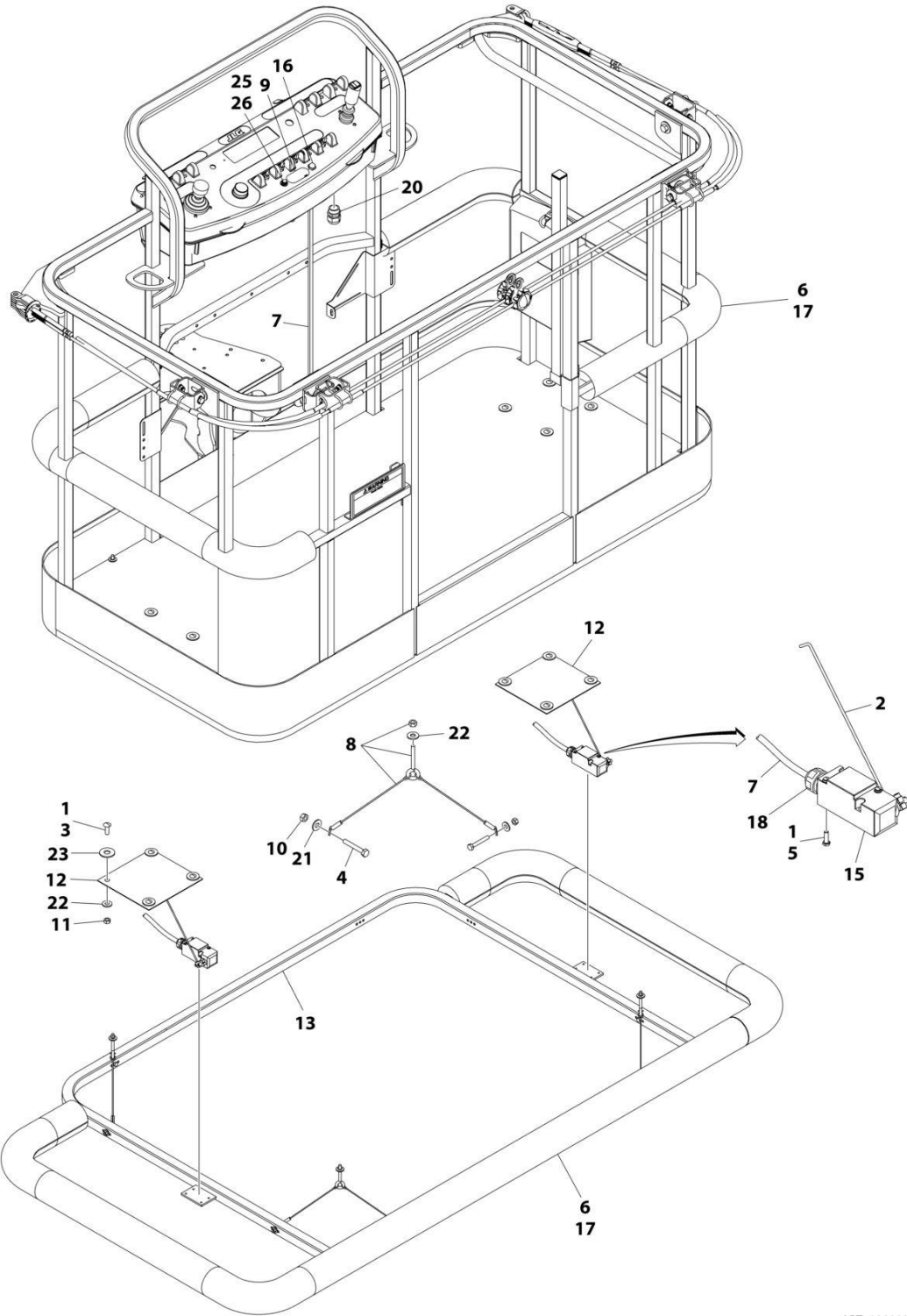
SECTION 5 - PLATFORM

FIGURE 5-22. FALL ARREST (BOLT-ON) INSTALLATION - 8FTX3FT PLATFORM (ALL SPECS EXCEPT CE & UK CA SPECS) (OPTIONAL)

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 5-23. SOFT TOUCH INSTALLATION - 6FT (1.83M) FALL ARREST PLATFORM (OPTIONAL)



ART_1001108256

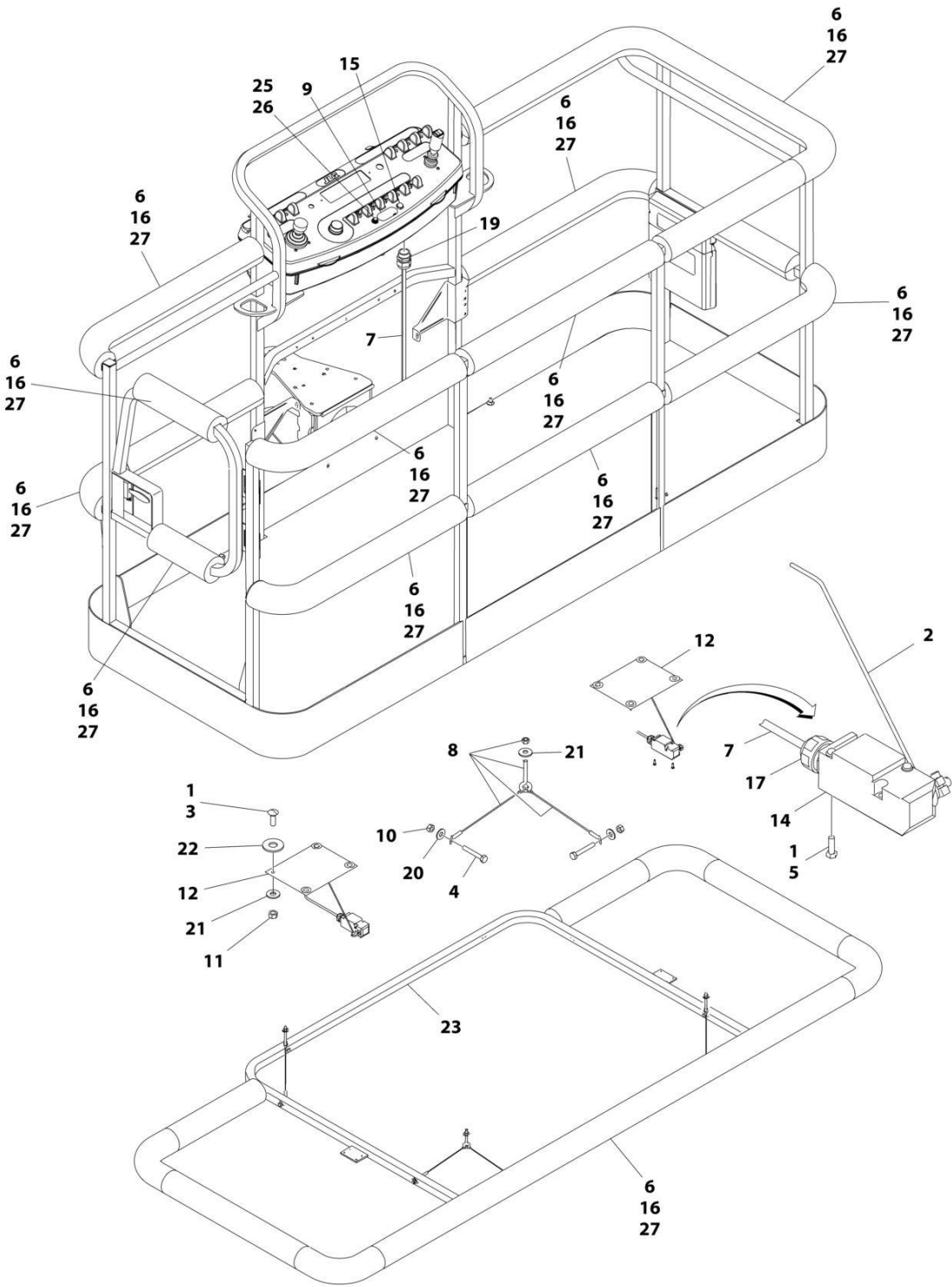
SECTION 5 - PLATFORM

FIGURE 5-23. SOFT TOUCH INSTALLATION - 6FT (1.83M) FALL ARREST PLATFORM (OPTIONAL)

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 5-24. SOFT TOUCH INSTALLATION - 8FT (2.4M) PLATFORM (OPTIONAL)



ART_0272427

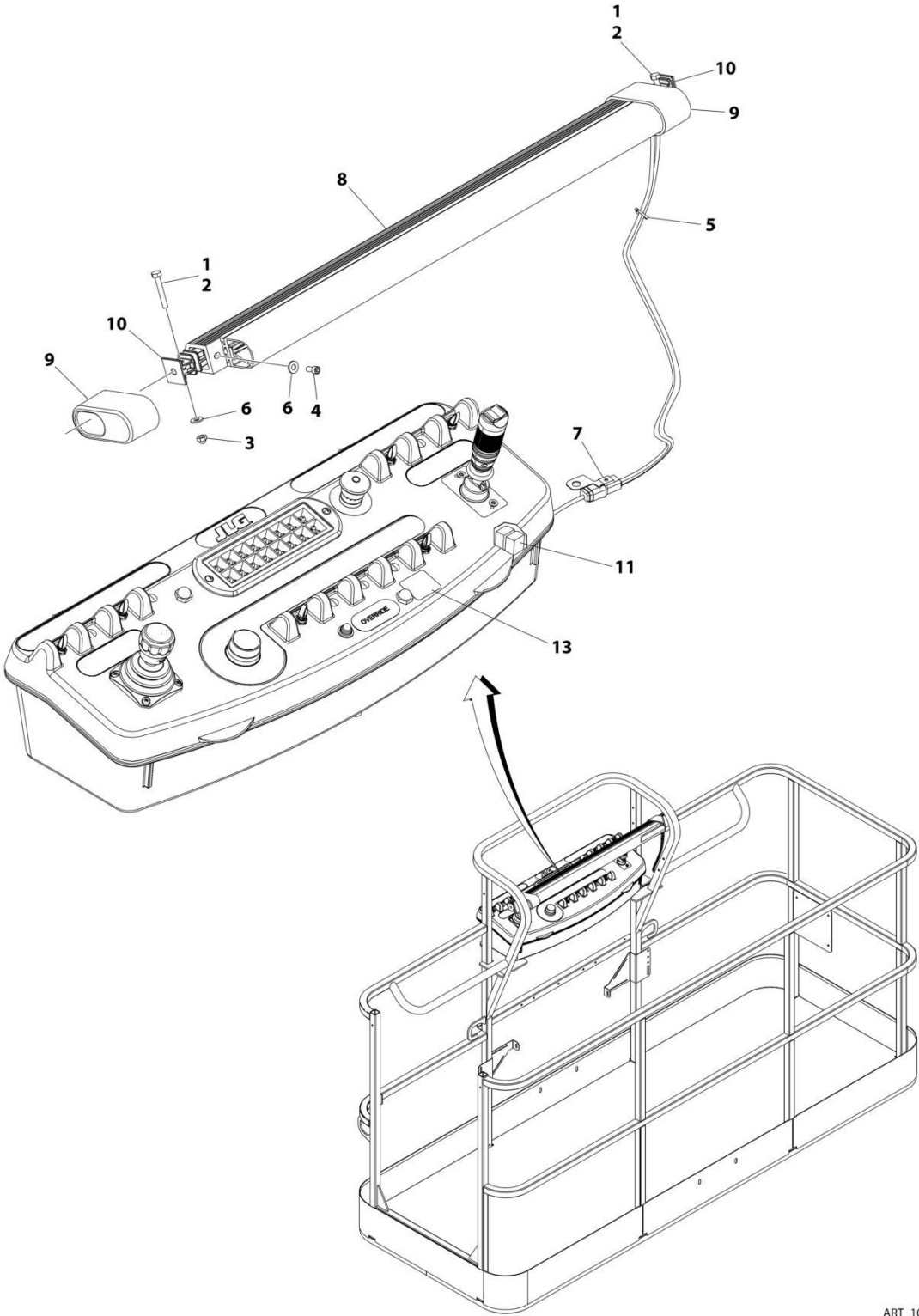
SECTION 5 - PLATFORM

FIGURE 5-24. SOFT TOUCH INSTALLATION - 8FT (2.4M) PLATFORM (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272427	Ref	SOFT TOUCH SYSTEM INSTALLATION	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, Electrical - 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 5-25. SKYGUARD BAR INSTALLATION



ART_1001238495

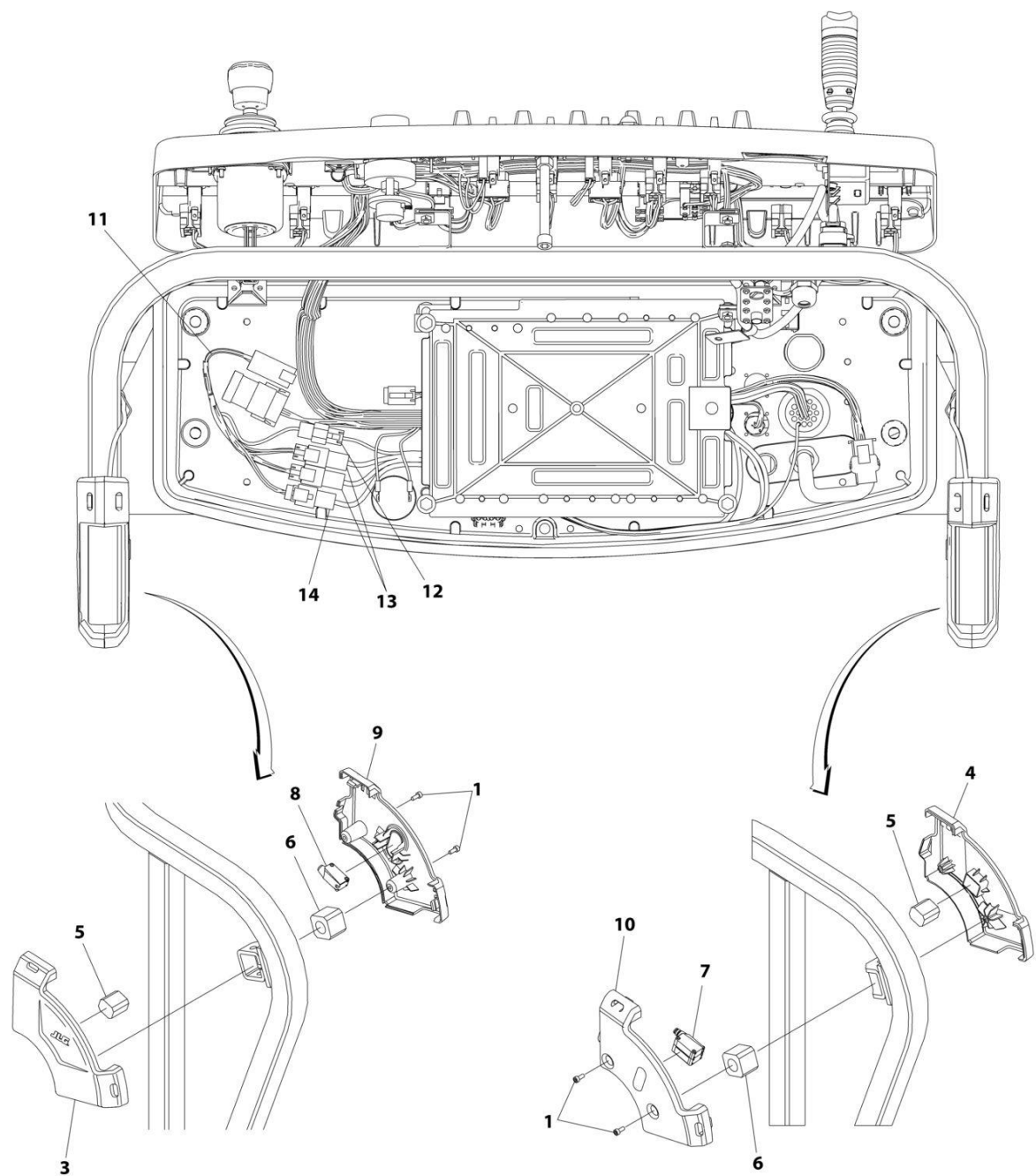
SECTION 5 - PLATFORM

FIGURE 5-25. 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 5-26. SKYEYE INSTALLATION



ART_1001229341

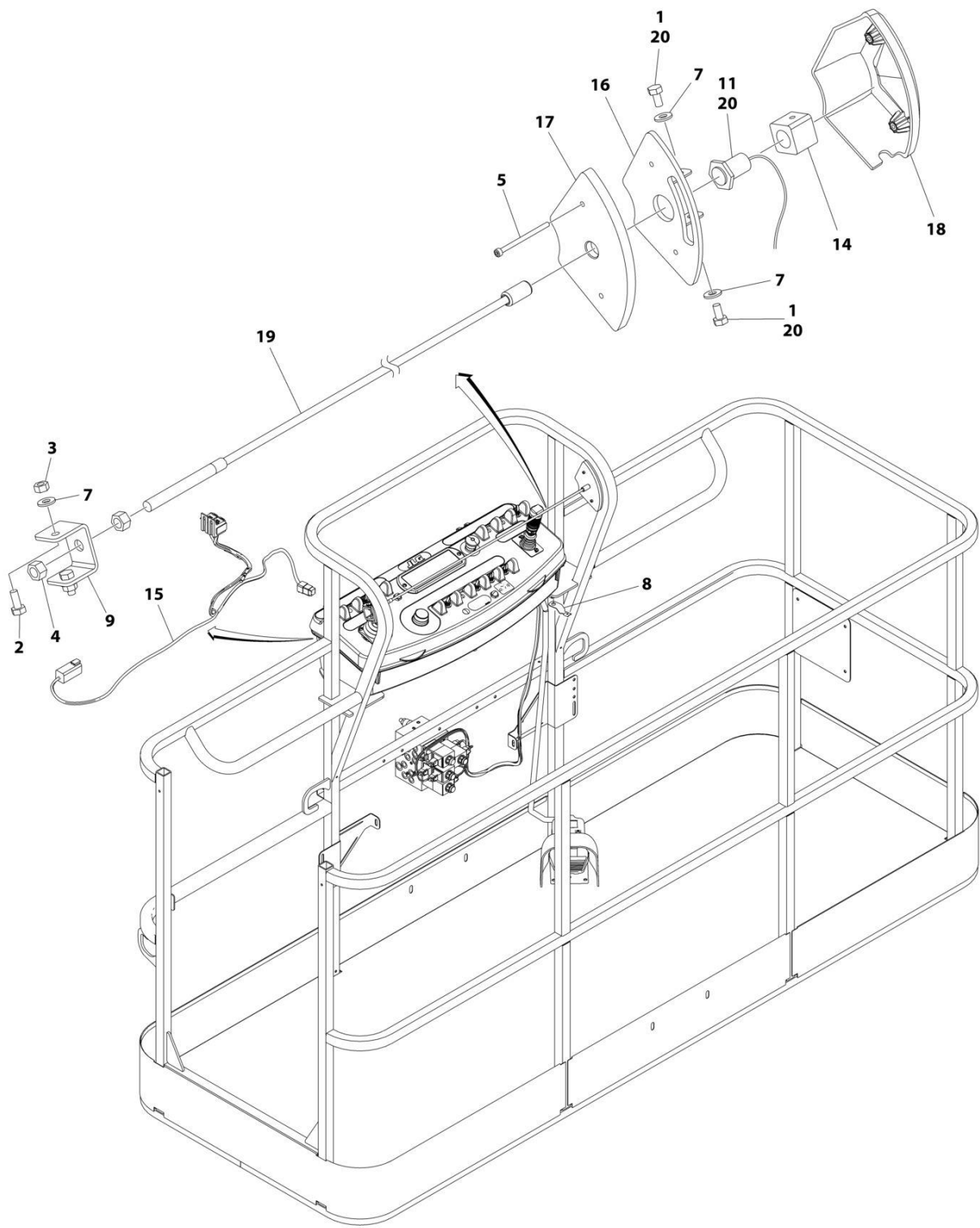
SECTION 5 - PLATFORM

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. SKYLINE INSTALLATION



ART_1001238559_D

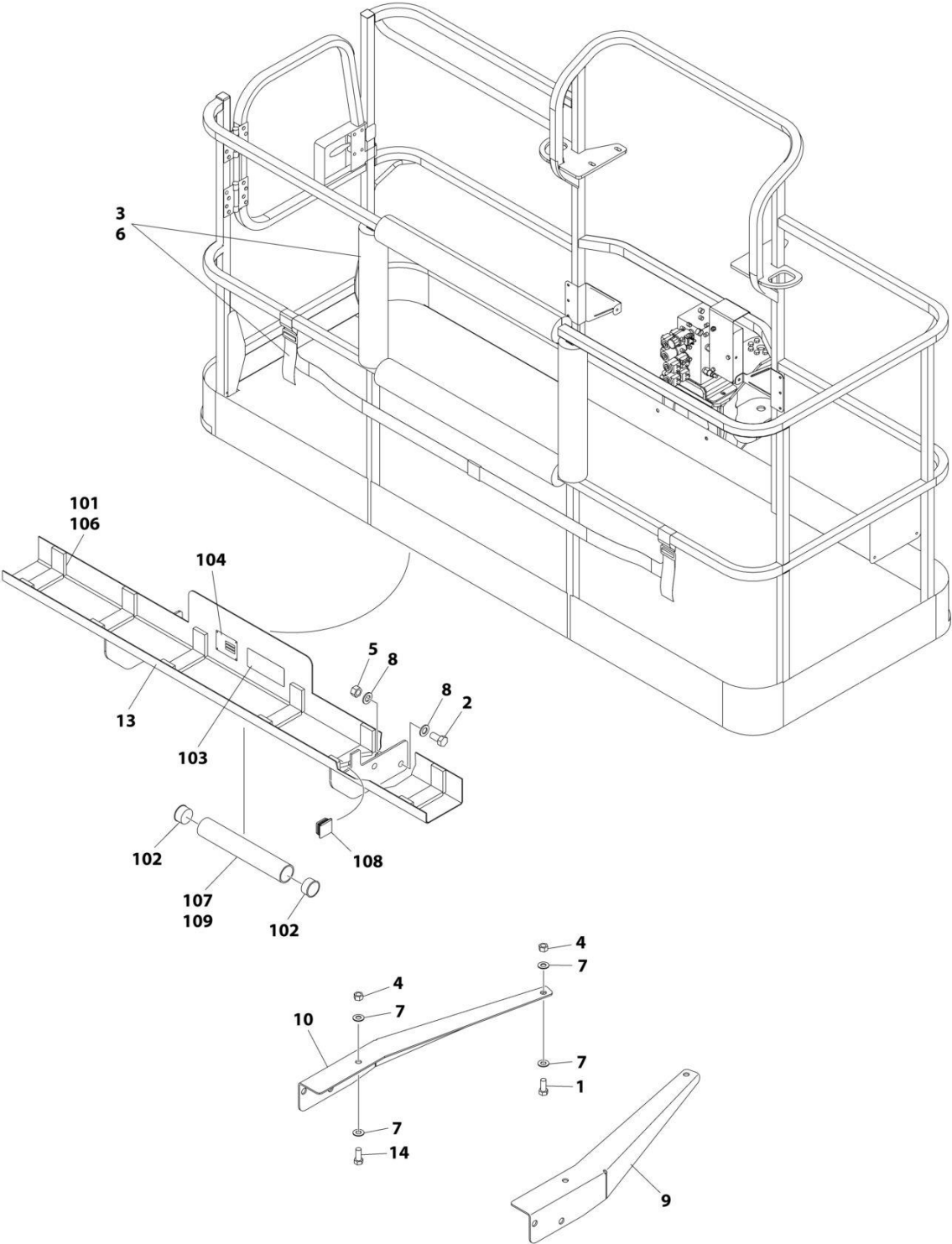
SECTION 5 - PLATFORM

FIGURE 5-27. 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 5-28. SKYGLAZIER INSTALLATION



ART_1001172578_C

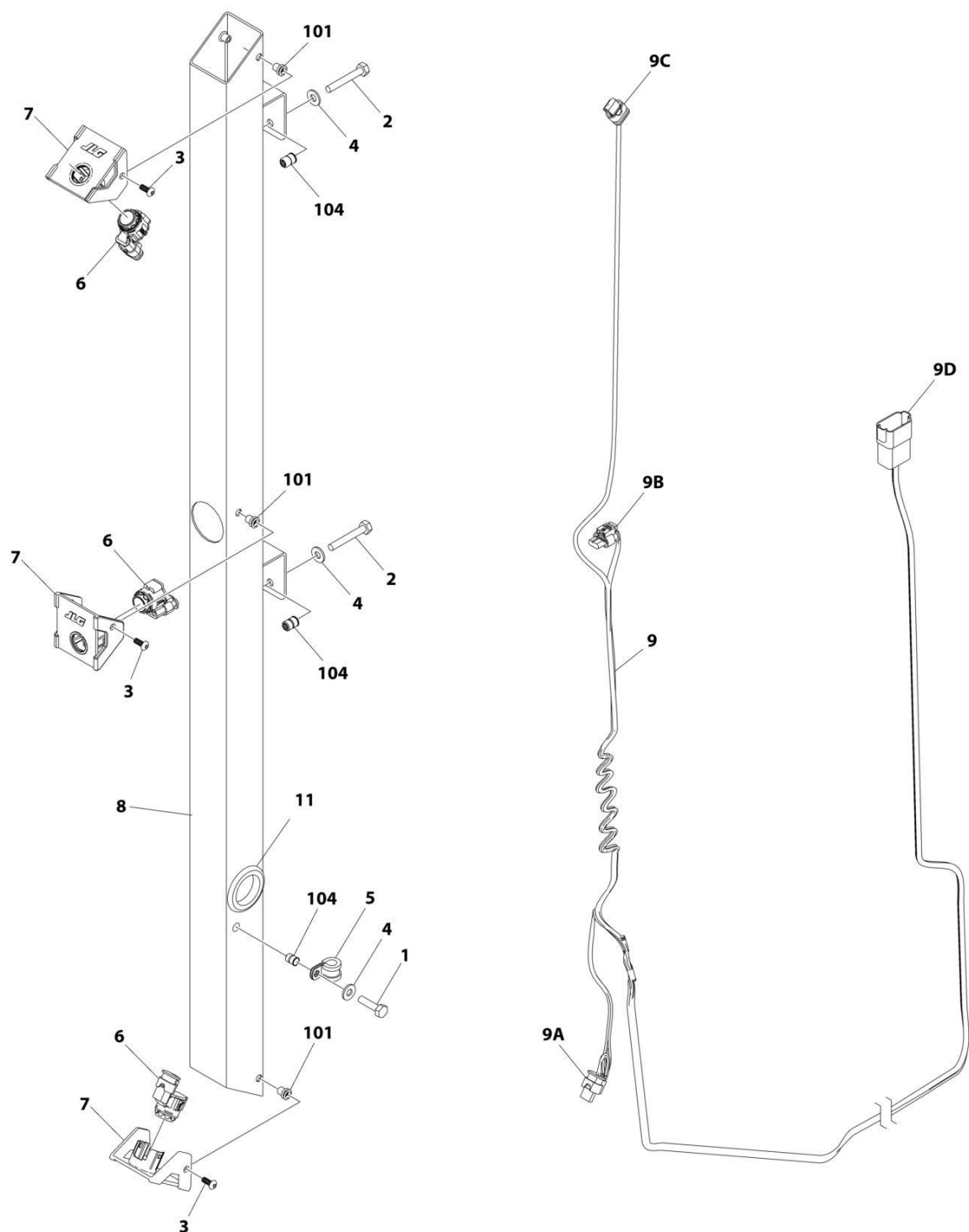
SECTION 5 - PLATFORM

FIGURE 5-28. SKYGLAZIER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172578	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	1	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	
13	1001172577	1	Tray Assembly (See Items 101-109 for Breakdown)	
14	8310129	2	Bolt 3/4 x 2-1/2	
	1001172577	Ref	TRAY ASSEMBLY	C
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	

SECTION 5 - PLATFORM

FIGURE 5-29. SKYSENSE MID TUBE SENSOR ASSEMBLY



ART_1001243205

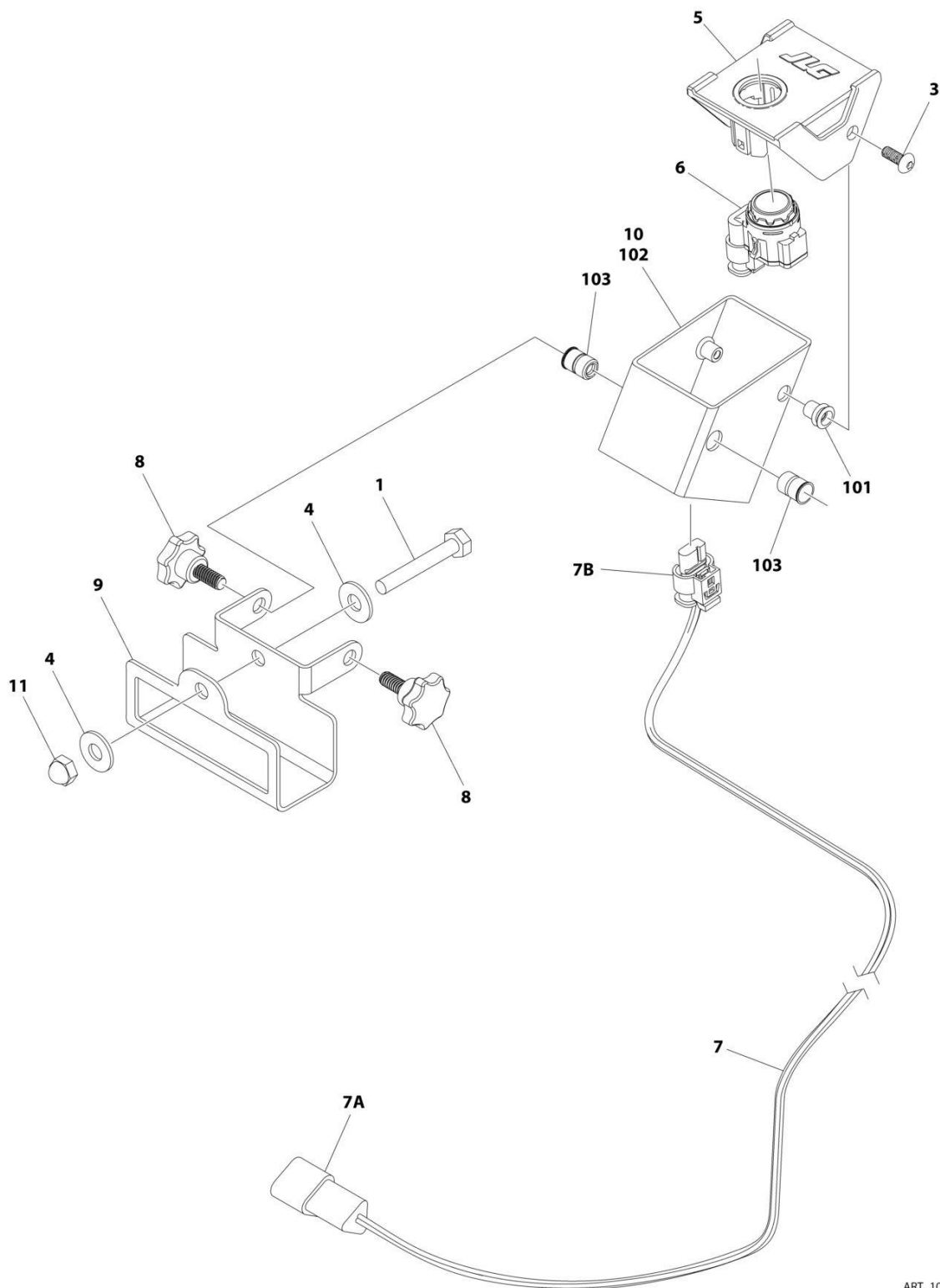
SECTION 5 - PLATFORM

FIGURE 5-29. SKYSENSE MID TUBE SENSOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001243205	Ref	SKYSENSE MID TUBE SENSOR ASSEMBLY	C
1	0641408	1	Bolt 1/4 x 1	
2	0641414	2	Bolt 1/4 x 1-3/4	
3	1001260525	6	Screw #10 x 1/2	
4	4711400	3	Washer 1/4	
5	1001260524	1	Clamp	
6	1001237902	3	Sensor, SkySense	
7	1001241162	3	Mount, Sensor	
8	1001243092	1	Tube Assembly (Includes items 101 through 104)	C
9	1001244336	1	Harness, SkySense Mid Tube	D
9A	1001237898	1	Connector	
9A	1001237888	3	Terminal	
9B	1001237898	1	Connector	
9B	1001237888	3	Terminal	
9C	1001237898	1	Connector	
9C	1001237888	3	Terminal	
9D	4460931	1	Connector	
9D	4460943	7	Pin	
9D	4460466	1	Plug	
10	1001246389	1	Decal (Not Shown)	
11	1001247252	1	Grommet	
101	2080069	6	Fastener	
104	1001258730	3	Rivnut	

SECTION 5 - PLATFORM

FIGURE 5-30. SKYSENSE OVERHEAD SENSOR ASSEMBLY



ART_1001244733

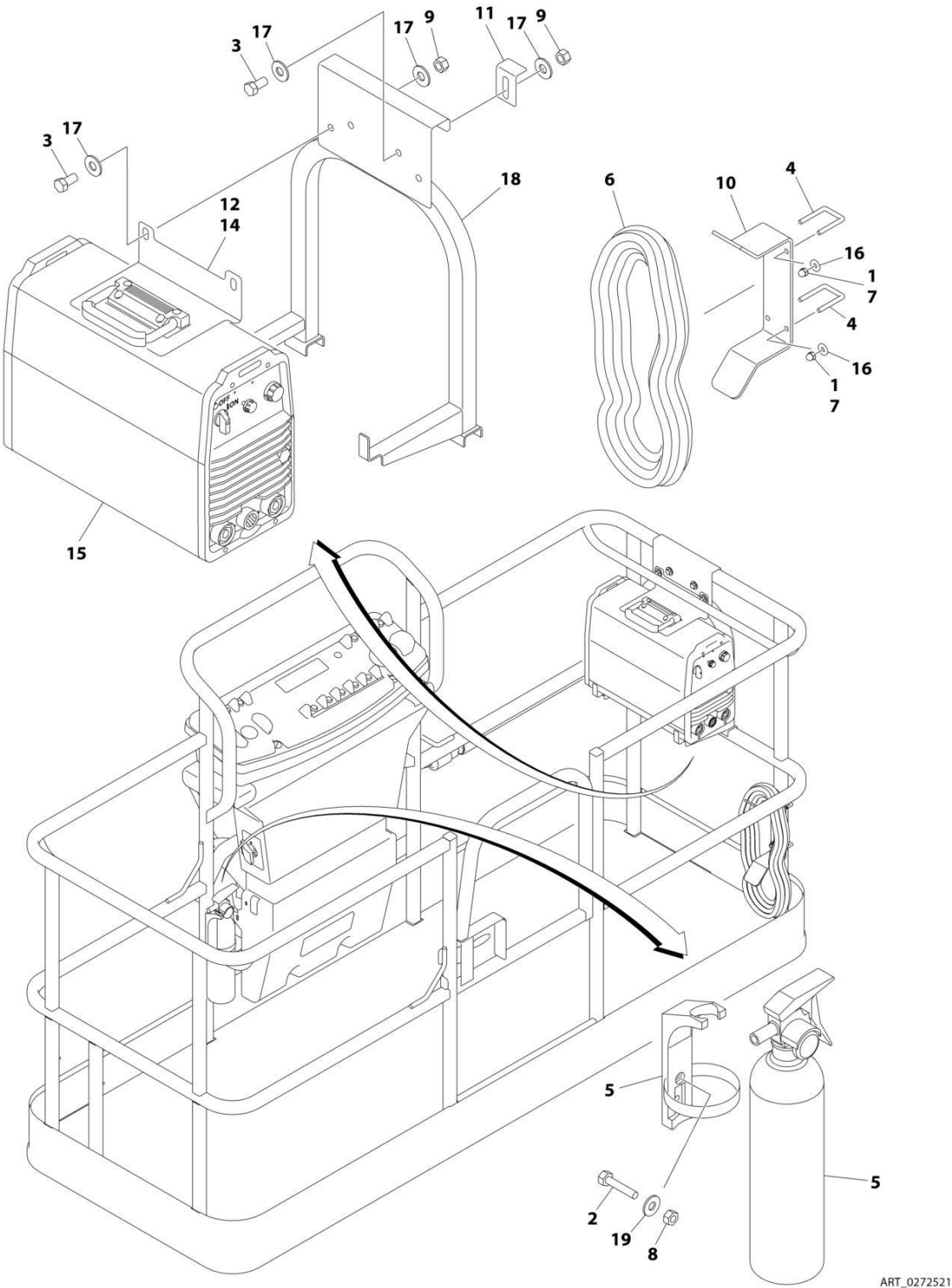
SECTION 5 - PLATFORM

FIGURE 5-30. SKYSENSE OVERHEAD SENSOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244733	Ref	SKYSENSE OVERHEAD SENSOR ASSEMBLY	D
1	0641414	1	Bolt 1/4 x 1-3/4	
3	1001260525	2	Screw #10 x 1/2	
4	4751400	2	Washer 1/4	
5	1001237891	1	Mount, Sensor	
6	1001237902	1	Sensor, SkySense	
7	1001244335	1	Harness, SkySense Overhead	D
7A	4460536	1	Connector	
7A	4460943	3	Pin	
7B	1001237898	1	Connector	
7B	1001237888	1	Terminal	
8	1001244671	2	Knob	
9	1001244709	1	Bracket, Mounting	
10	1001244732	1	Housing Assembly (Includes items 101 through 103)	B
11	3300430	1	Nut	
101	2080069	2	Fastener	
102	1001244710	1	Housing, Sensor	
103	1001258730	2	Rivnut	

SECTION 5 - PLATFORM

FIGURE 5-31. SKYWELDER INSTALLATION (50HZ)



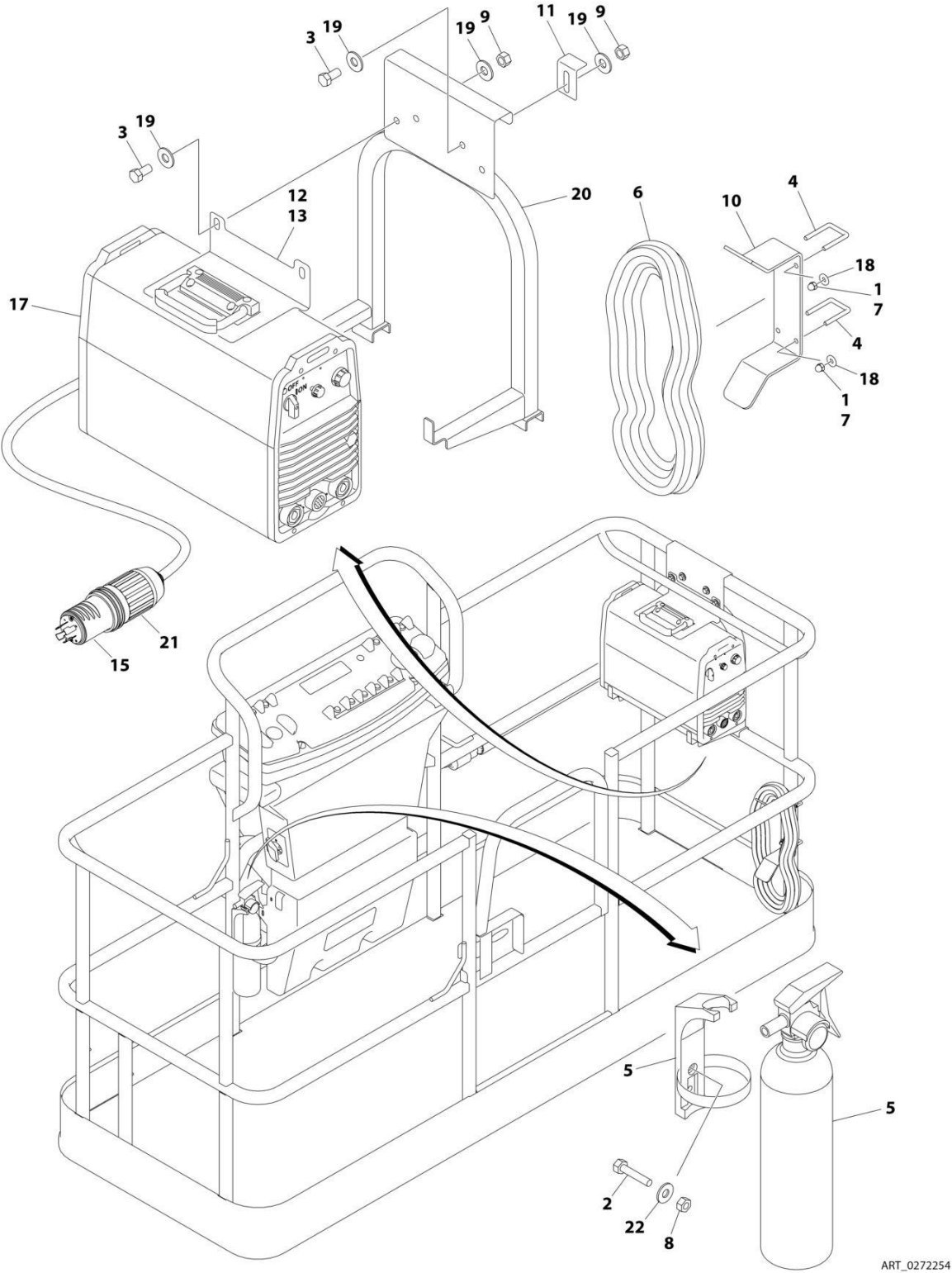
SECTION 5 - PLATFORM

FIGURE 5-31. 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 5-32. SKYWELDER INSTALLATION (60HZ)



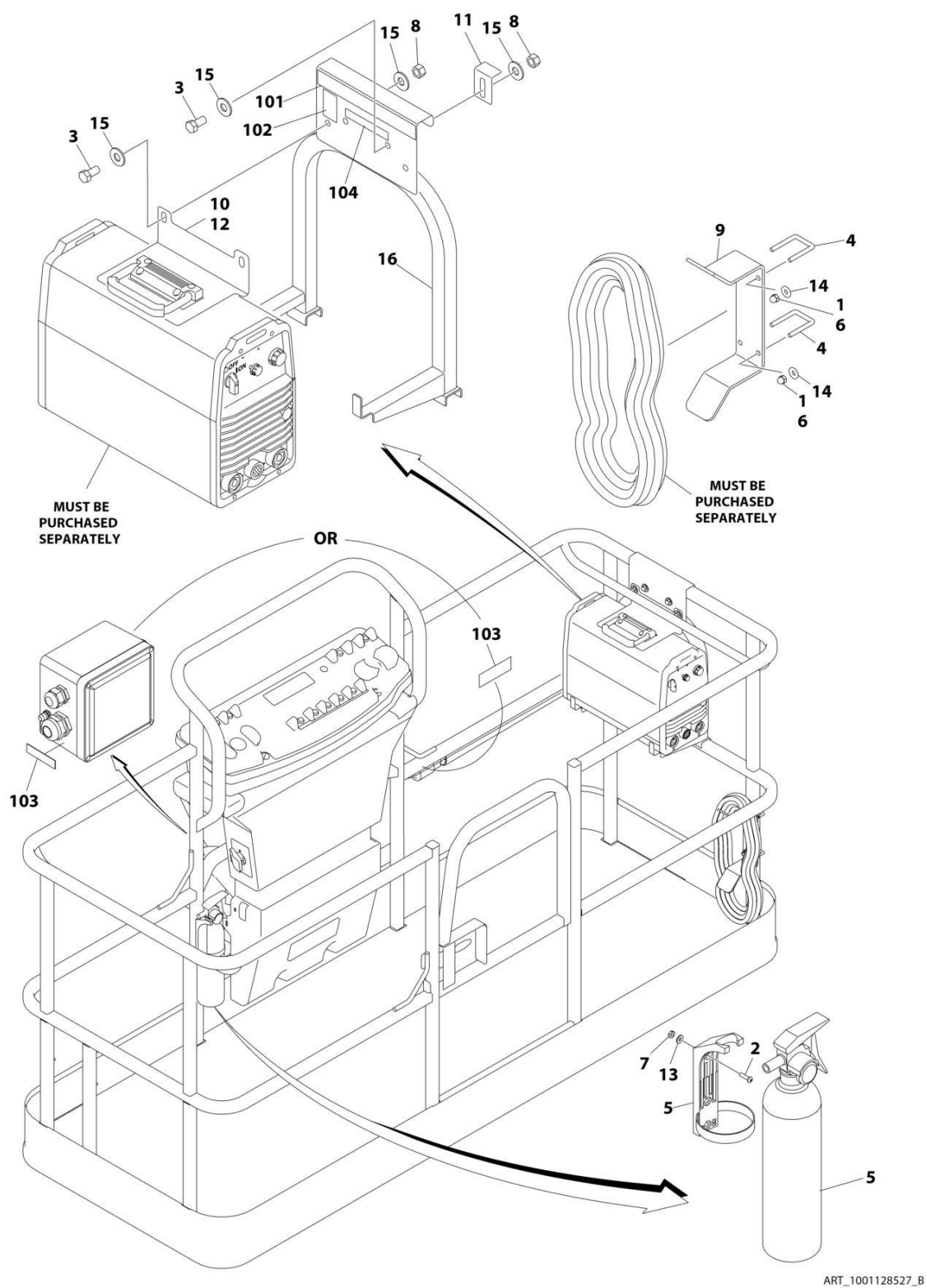
SECTION 5 - PLATFORM

FIGURE 5-32. 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 5-33. SKYWELDER PREP PACKAGE (60HZ)



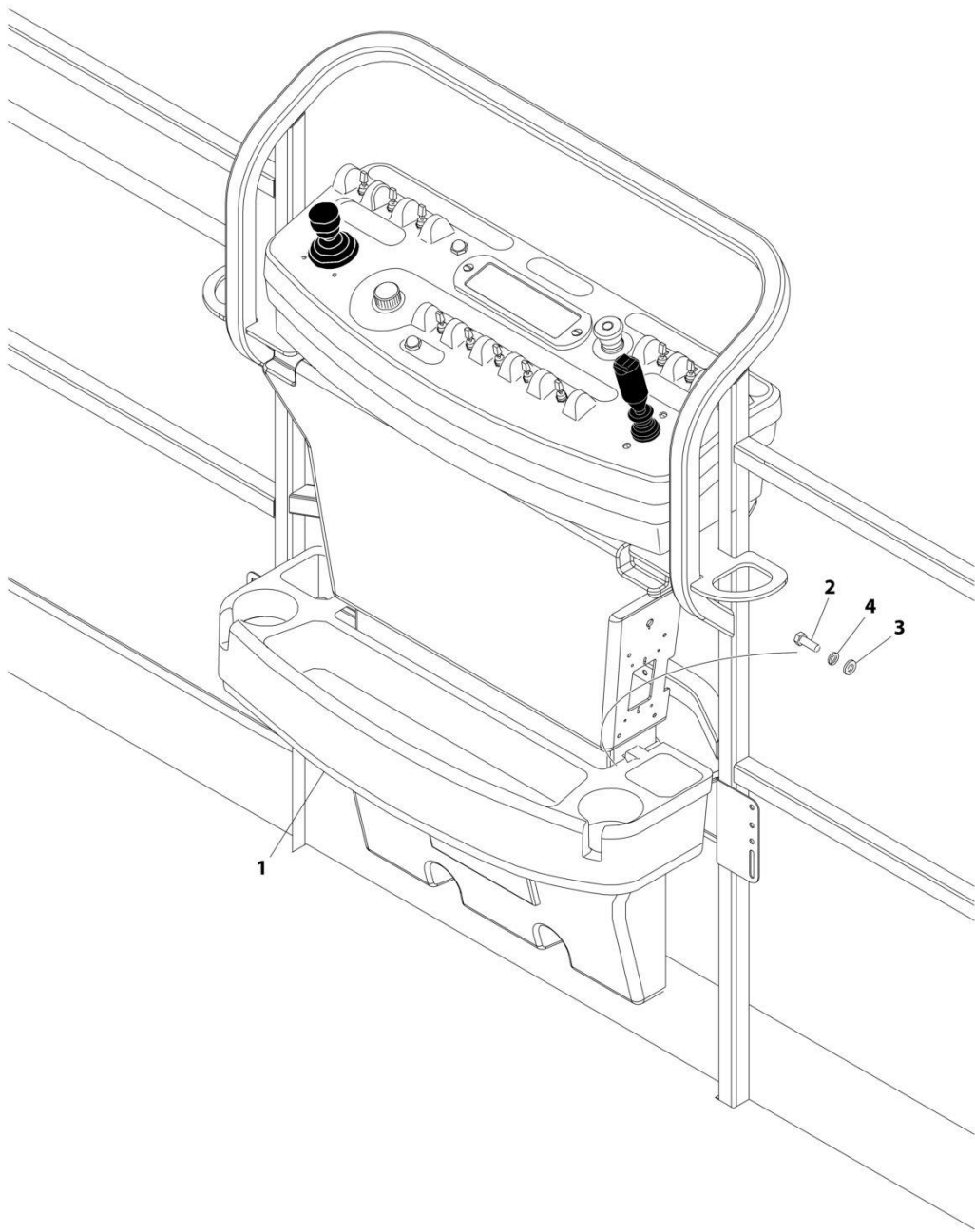
SECTION 5 - PLATFORM

FIGURE 5-33. 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 5-34. TRAY INSTALLATION



ART_1580012

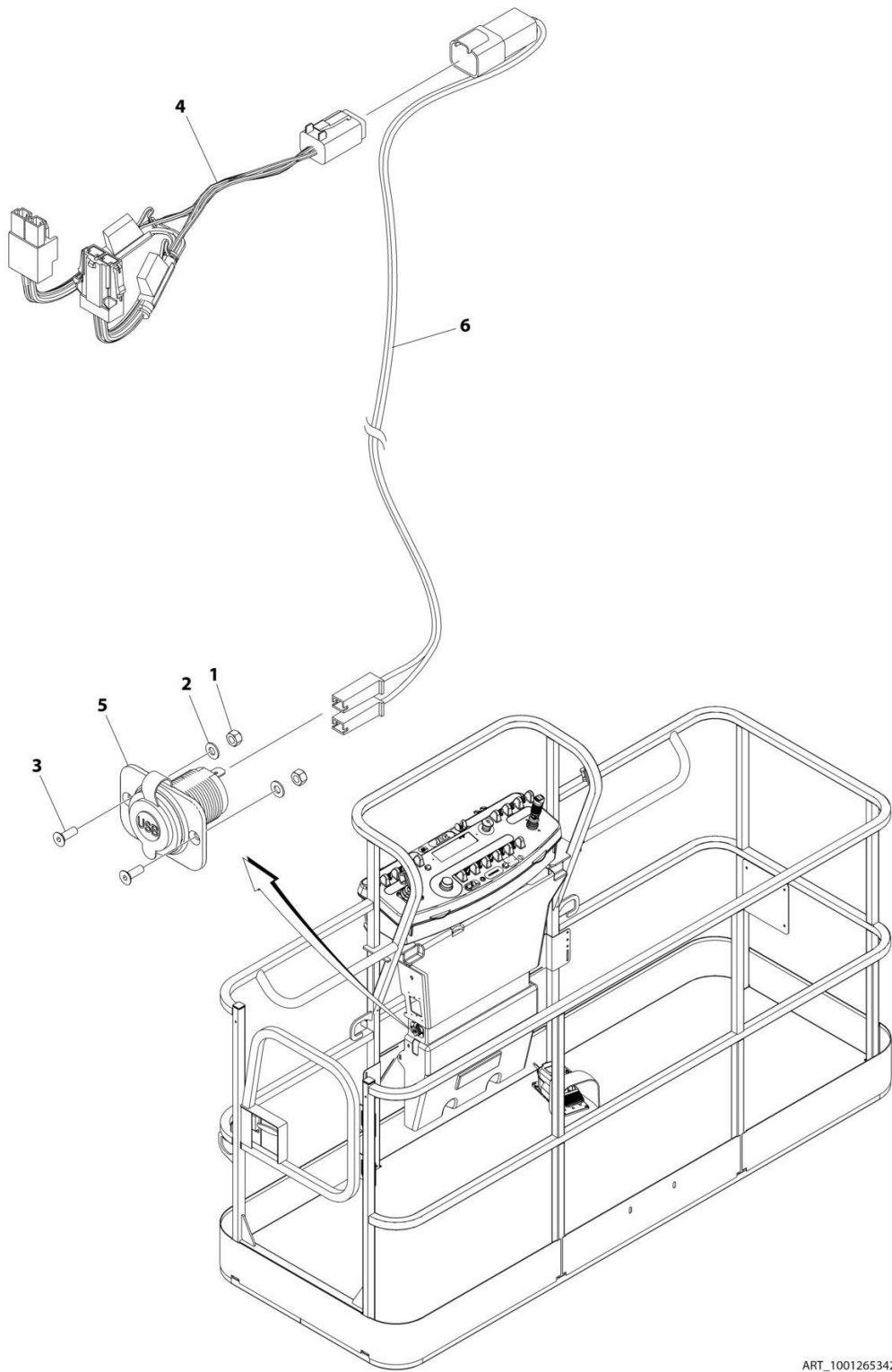
SECTION 5 - PLATFORM

FIGURE 5-34. TRAY INSTALLATION

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 5-35. USB CHARGER INSTALLATION



ART_1001265342

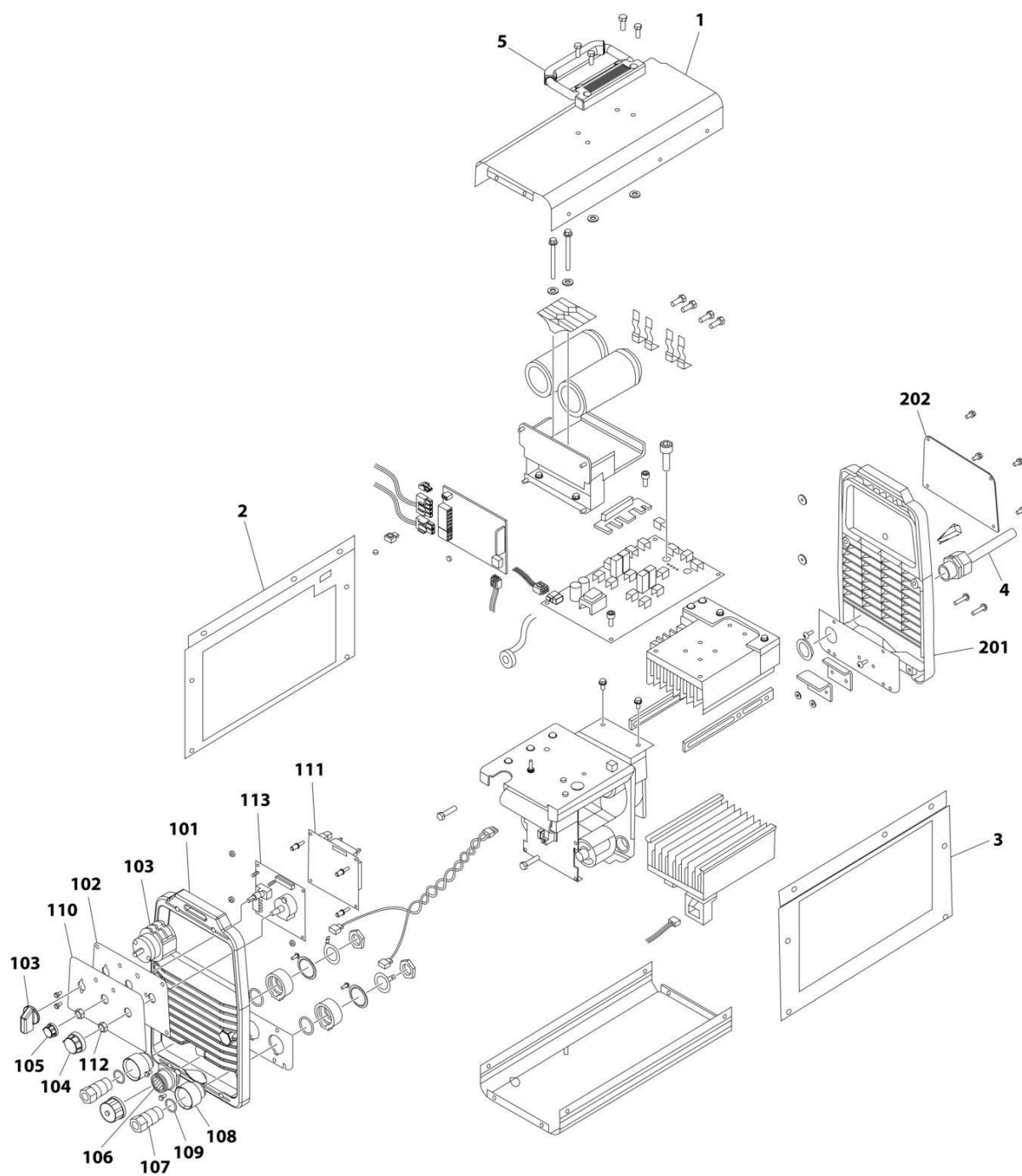
SECTION 5 - PLATFORM

FIGURE 5-35. 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 5-36. WELDER ASSEMBLY



ART_4530028

SECTION 5 - PLATFORM

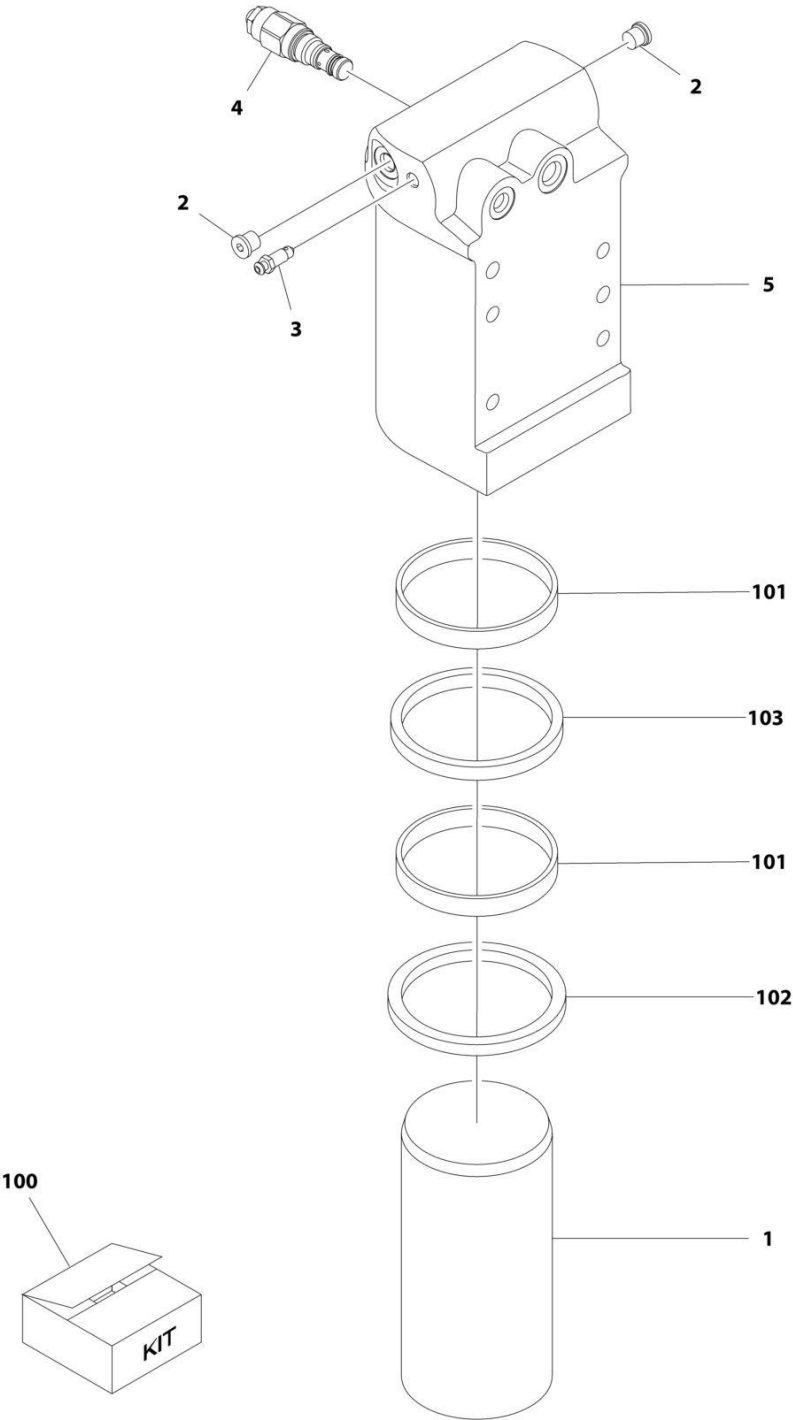
FIGURE 5-36. WELDER ASSEMBLY

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 6 - CYLINDER

SECTION 6 - CYLINDER

FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSEMBLY



ART_1001163580

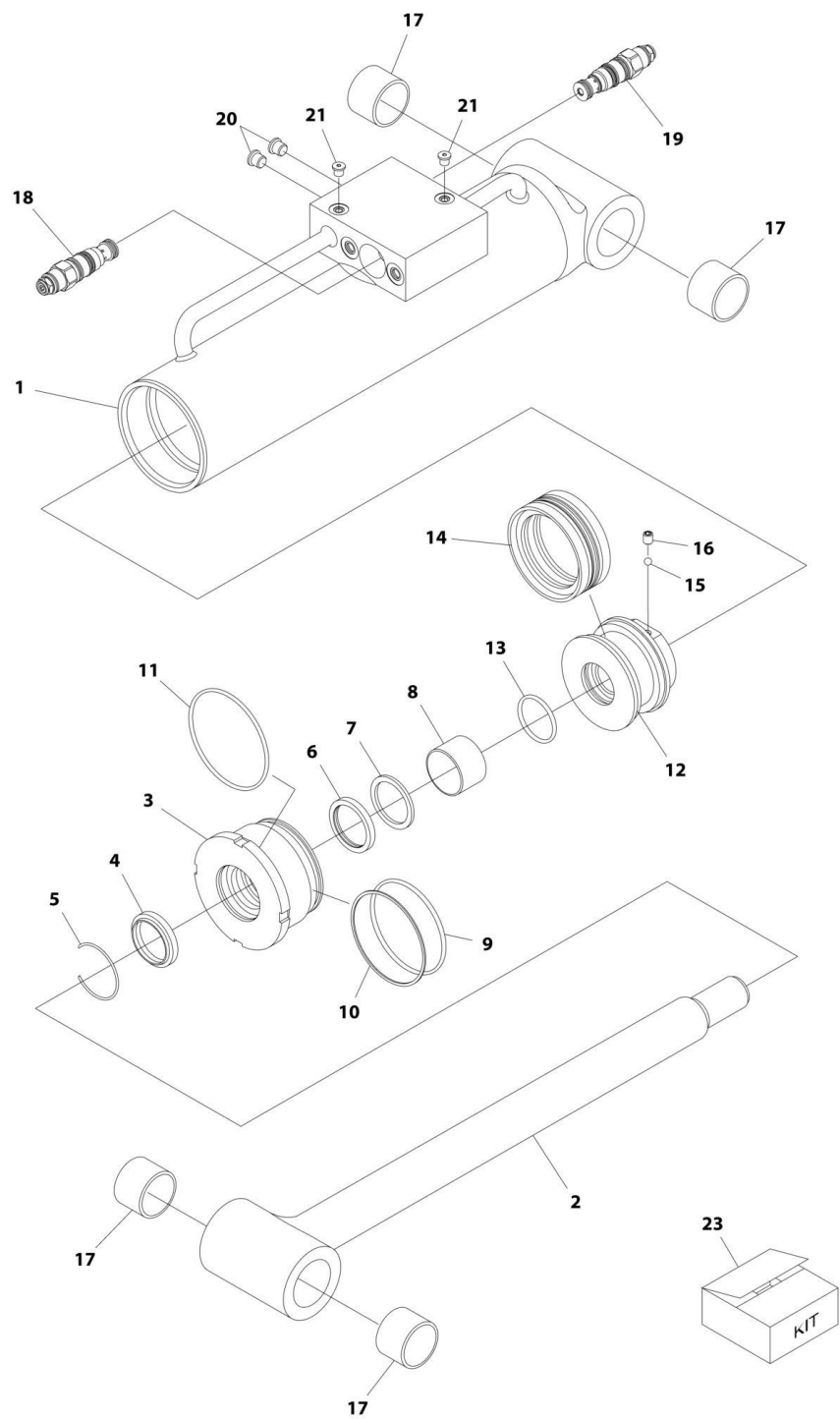
SECTION 6 - CYLINDER

FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163580	Ref	AXLE LOCKOUT CYLINDER ASSEMBLY	I
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	1684290	1	Rod	
2	2220883	2	Plug #4	
3	4640858	1	Valve, Bleeder	
4	1001117372	1	Cartridge, Valve	
4	70002842	1	Seal Kit - 1001117372 Valve	
5	1001164817	1	Barrel	
100	2902266	NLA	Seal Kit - 1001163590 Cylinder (Includes Items 101-103)	
101	See Note	NSS	Ring, Wear (Note: Use Item 100)	
102	See Note	NSS	Seal (Note: Use Item 100)	
103	See Note	NSS	Wiper (Note: Use Item 100)	

SECTION 6 - CYLINDER

FIGURE 6-2. LEVEL (PLATFORM SLAVE) CYLINDER ASSEMBLY



ART_1001163386

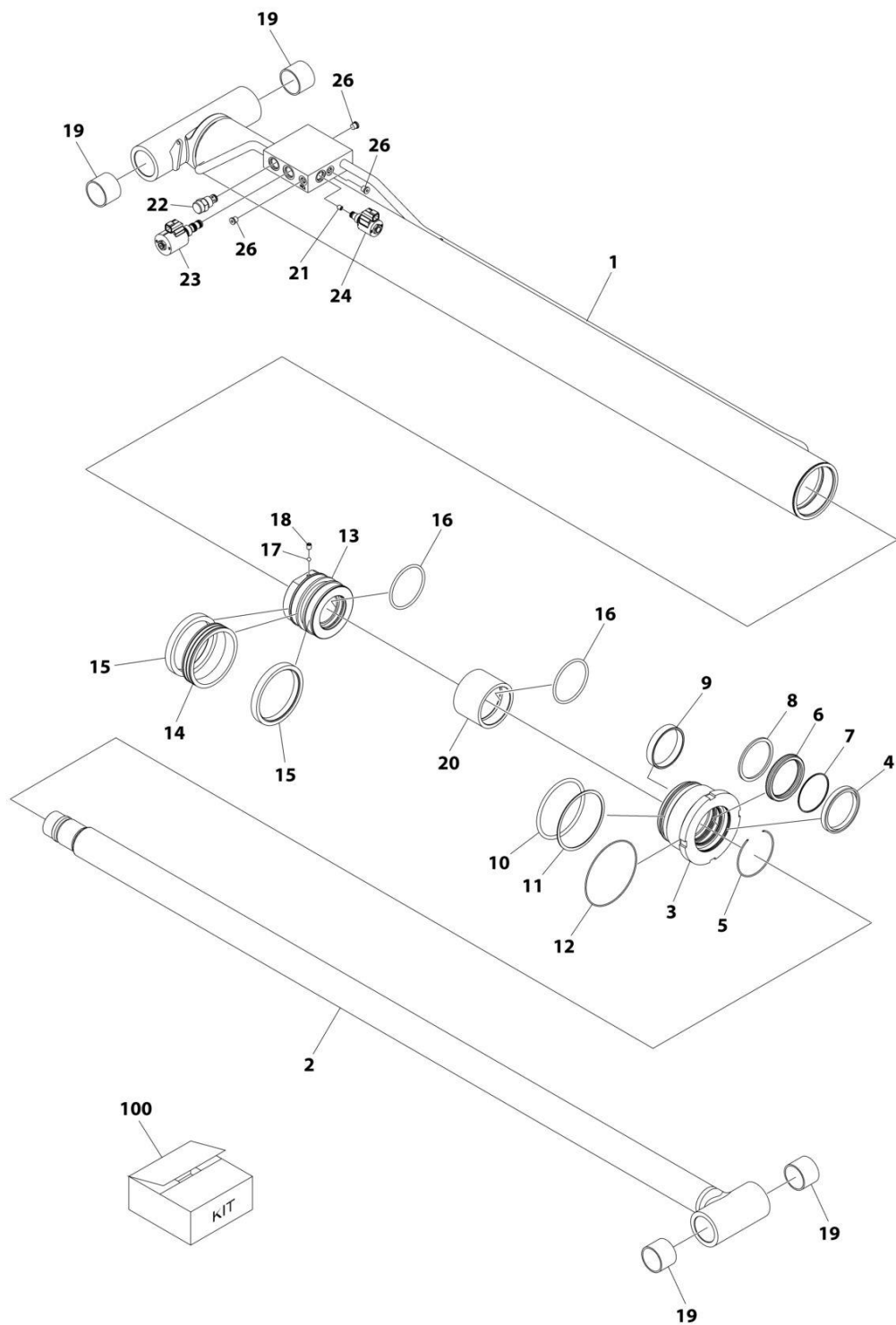
SECTION 6 - CYLINDER

FIGURE 6-2. LEVEL (PLATFORM SLAVE) CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163386	Ref	LEVEL (PLATFORM SLAVE) CYLINDER ASSEMBLY	G
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70005147	1	Barrel	
2	70005148	1	Rod	
3	70005142	1	Head	
4	See Note	NSS	Wiper (Note: Use Item 23)	
5	70002373	1	Ring, Retaining	
6	See Note	NSS	Seal, Rod (Note: Use Item 23)	
7	See Note	NSS	Ring, Back-up (Note: Use Item 23)	
8	70005143	1	Bearing, Dry	
9	See Note	NSS	O-Ring (Note: Use Item 23)	
10	See Note	NSS	Ring, Back-up (Note: Use Item 23)	
11	See Note	NSS	O-Ring (Note: Use Item 23)	
12	70005144	1	Piston	
13	See Note	NSS	O-Ring (Note: Use Item 23)	
14	See Note	NSS	Seal, Piston (Note: Use Item 23)	
15	70022564	1	Ball	
16	70023369	1	Setscrew	
17	70005145	4	Bearing	
18	1001168209	1	Cartridge, Valve	
18	2900770	1	Seal Kit - 1001168209 Valve	
19	1001168210	1	Cartridge, Valve	
19	2900770	1	Seal Kit - 1001168210 Valve	
20	70023370	1	Plug 7/16	
21	2220881	1	Plug, O-Ring 5/16	
23	70005149	1	Seal Kit - 1001163386 Cylinder (Includes Items 4, 6, 7, 9, 10, 11, 13 & 14)	

SECTION 6 - CYLINDER

FIGURE 6-3. LIFT CYLINDER ASSEMBLY - MAIN BOOM



ART_1001228092

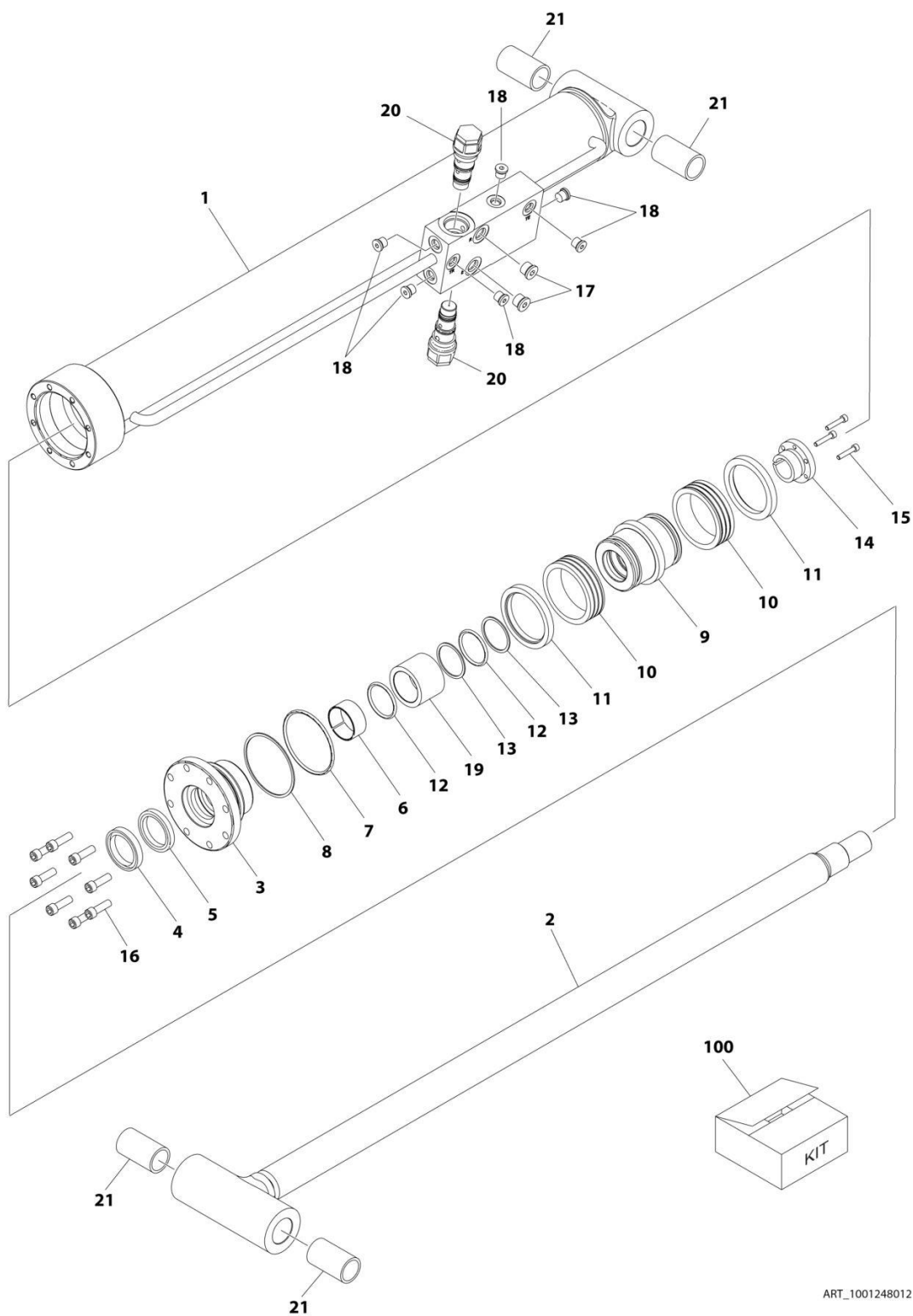
SECTION 6 - CYLINDER

FIGURE 6-3. LIFT CYLINDER ASSEMBLY - MAIN BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228092	Ref	LIFT CYLINDER ASSEMBLY - MAIN BOOM	B
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Use p/n 1001228092)	
2	70006702	1	Rod	
3	70006703	1	Head	
4	See Note	NSS	Wiper (Note: Use Item 100)	
5	70050795	1	Ring, Retainer	
6	See Note	NSS	Seal, Rod (Note: Use Item 100)	
7	See Note	NSS	O-Ring (Note: Use Item 100)	
8	See Note	NSS	Ring (Note: Use Item 100)	
9	70006636	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	See Note	NSS	O-Ring (Note: Use Item 100)	
13	70006704	1	Piston	
14	See Note	NSS	Seal (Note: Use Item 100)	
15	See Note	NSS	Ring, Wear (Note: Use Item 100)	
16	See Note	NSS	Seal (Note: Use Item 100)	
17	70022564	1	Ball	
18	70023369	1	Setscrew M8 x 10	
19	0961950	4	Bearing	
20	70006705	1	Spacer	
21	70004231	1	Orifice	
22	4641390	1	Cartridge, Check Valve	
22	7017496	1	Seal Kit - 4641390 Valve	
23	1001206625	1	Cartridge, Valve (Includes Coil)	
23	70006104	1	Cartridge, Less Coil	
23	70006105	1	Seal Kit - 70006104 & 1001206625 Cartridges	
23	70003788	1	Coil	
23	7022390	1	Nut, Coil	
24	1001164709	1	Cartridge, Valve (Includes Coil)	
24	7017467	1	Cartridge, Less Coil	
24	7012998	1	Seal Kit - 7017467 & 1001164709 Cartridges	
24	70002386	1	Coil	
26	2220883	3	Plug #4	
100	70006706	1	Seal Kit - 1001228092 Cylinder (Includes Item 4, 6-8, 10-12 & 14-16)	

SECTION 6 - CYLINDER

FIGURE 6-4. LIFT CYLINDER ASSEMBLY - JIB



ART_1001248012

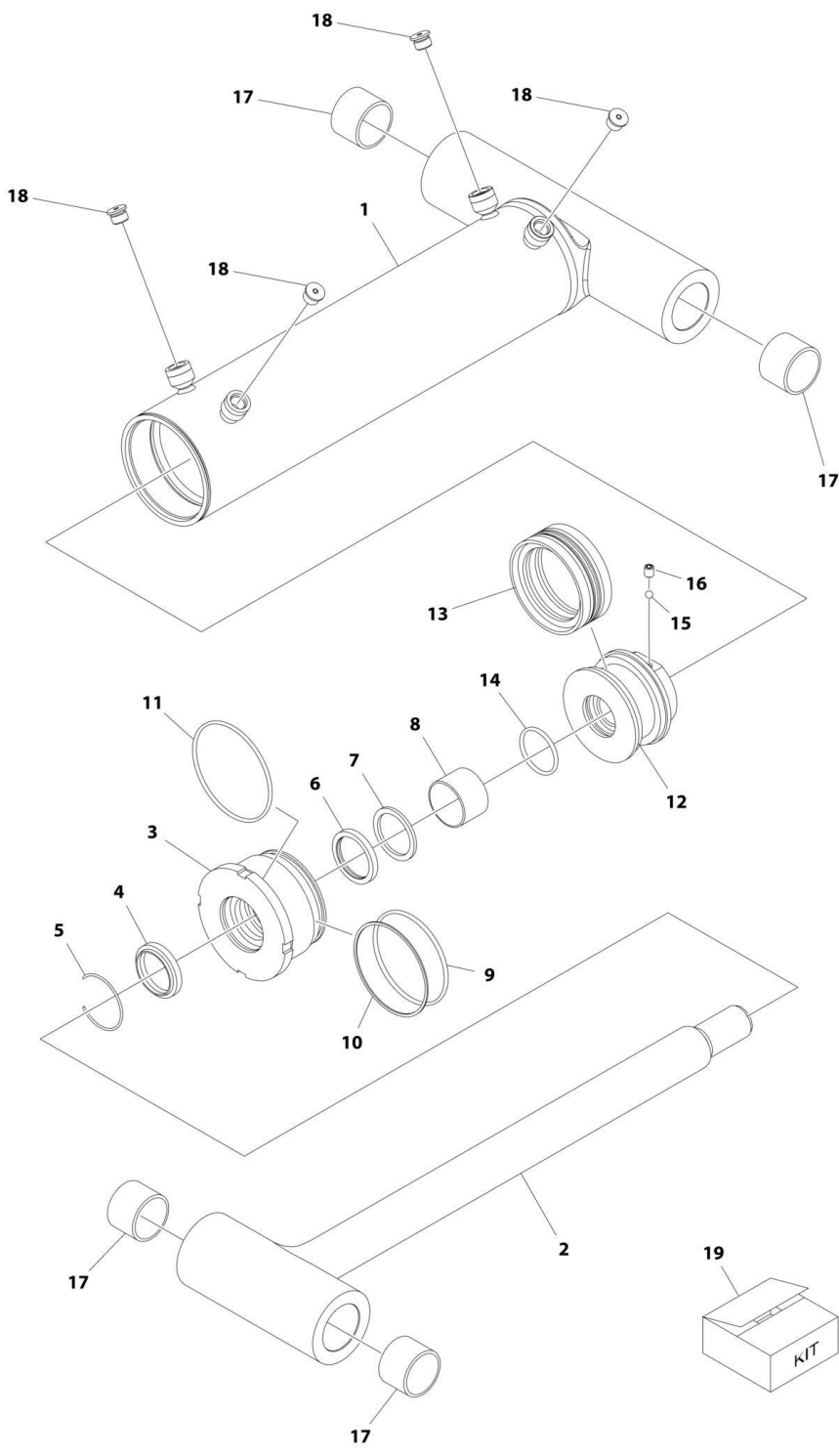
SECTION 6 - CYLINDER

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. MASTER CYLINDER ASSEMBLY



ART_1001163385

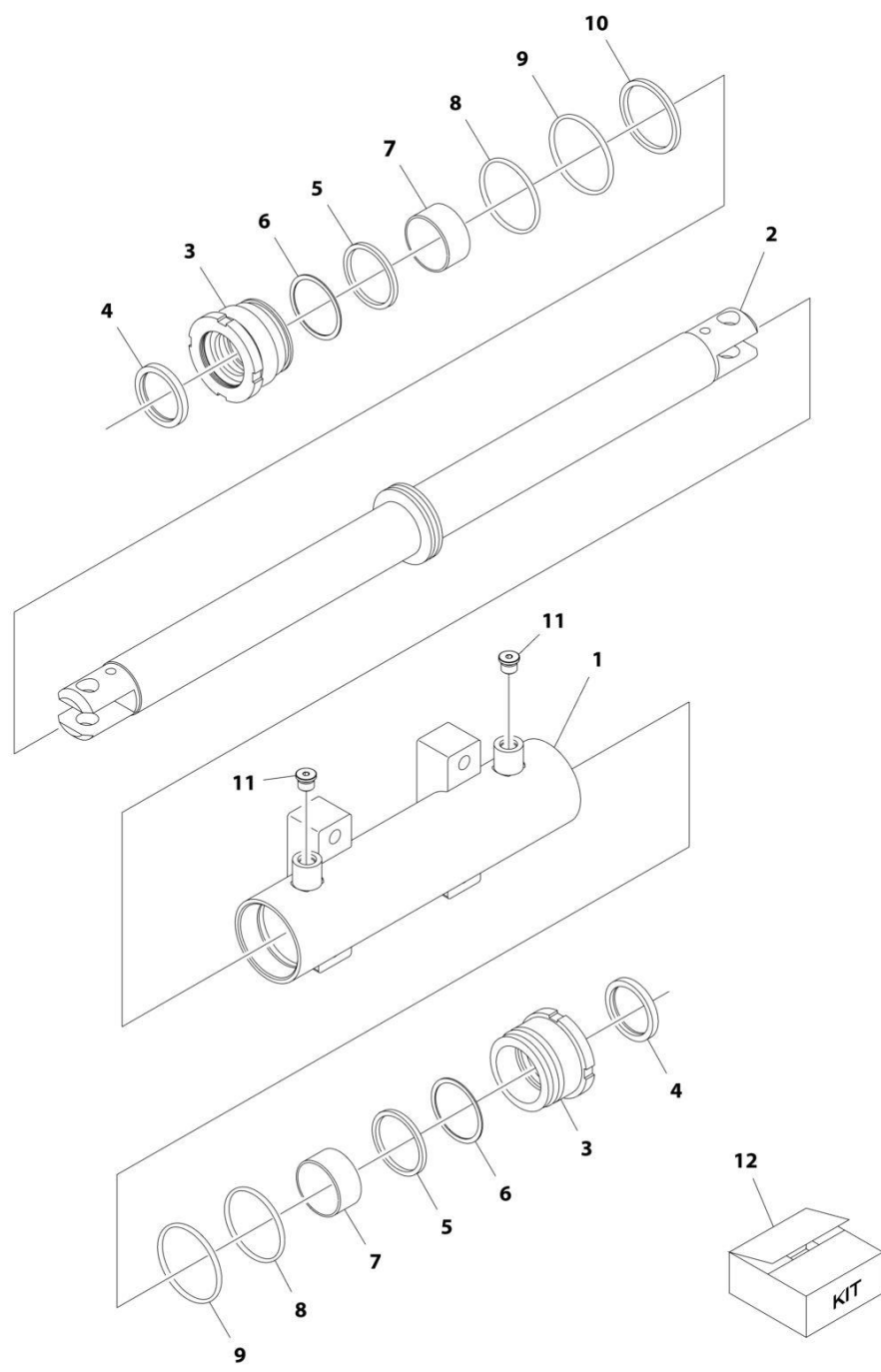
SECTION 6 - CYLINDER

FIGURE 6-5. MASTER CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163385	Ref	MASTER CYLINDER ASSEMBLY	F
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70005140	1	Barrel	
2	70005141	1	Rod	
3	70005142	1	Head, Cylinder	
4	See Note	NSS	Wiper (Note: Use Item 19)	
5	70002373	1	Ring, Retaining	
6	See Note	NSS	Seal, Rod (Note: Use Item 19)	
7	See Note	NSS	Ring, Back-up (Note: Use Item 19)	
8	70005143	1	Bearing, Dry	
9	See Note	NSS	O-Ring (Note: Use Item 19)	
10	See Note	NSS	Ring, Back-up (Note: Use Item 19)	
11	See Note	NSS	O-Ring (Note: Use Item 19)	
12	70005144	1	Piston	
13	See Note	NSS	Seal, Piston	
14	See Note	NSS	O-Ring (Note: Use Item 19)	
15	70022564	1	Ball	
16	70023369	1	Setscrew M8 x 31.75	
17	70005145	4	Bearing	
18	700023371	4	Plug 9/16	
19	70005146	1	Seal Kit - 1001163385 Cylinder (Includes Items 4, 6, 7, 9, 10, 11, 13 & 14)	

SECTION 6 - CYLINDER

FIGURE 6-6. STEER CYLINDER ASSEMBLY



ART_1001163178

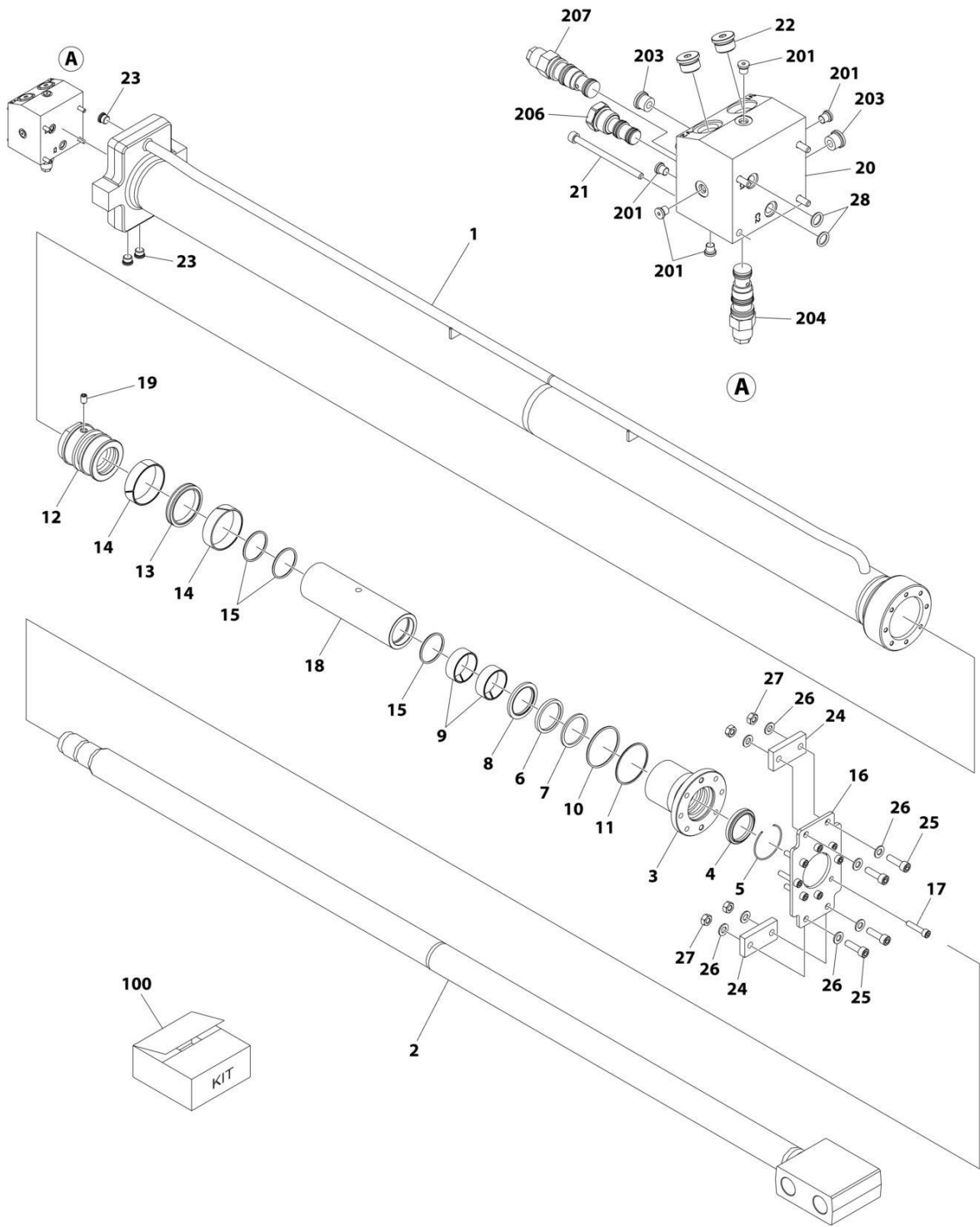
SECTION 6 - CYLINDER

FIGURE 6-6. STEER CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163178	Ref	STEER CYLINDER ASSEMBLY	E
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70005150	1	Barrel	
2	70005151	1	Rod	
3	70005152	2	Head	
4	See Note	NSS	Wiper (Note: Use Item 12)	
5	See Note	NSS	Seal, Rod (Note: Use Item 12)	
6	See Note	NSS	Ring, Back-up (Note: Use Item 12)	
7	70005153	2	Bearing, Dry	
8	See Note	NSS	O-Ring (Note: Use Item 12)	
9	See Note	NSS	O-Ring (Note: Use Item 12)	
10	See Note	NSS	Seal, Piston (Note: Use Item 12)	
11	See Note	2	Plug 9/16 (Note: Not Available for Purchase)	
12	70005154	1	Seal Kit - 1001163178 Cylinder (Includes Items 4-6 & 8-10)	

SECTION 6 - CYLINDER

FIGURE 6-7. TELESCOPE CYLINDER ASSEMBLY



ART_1001251075

SECTION 6 - CYLINDER

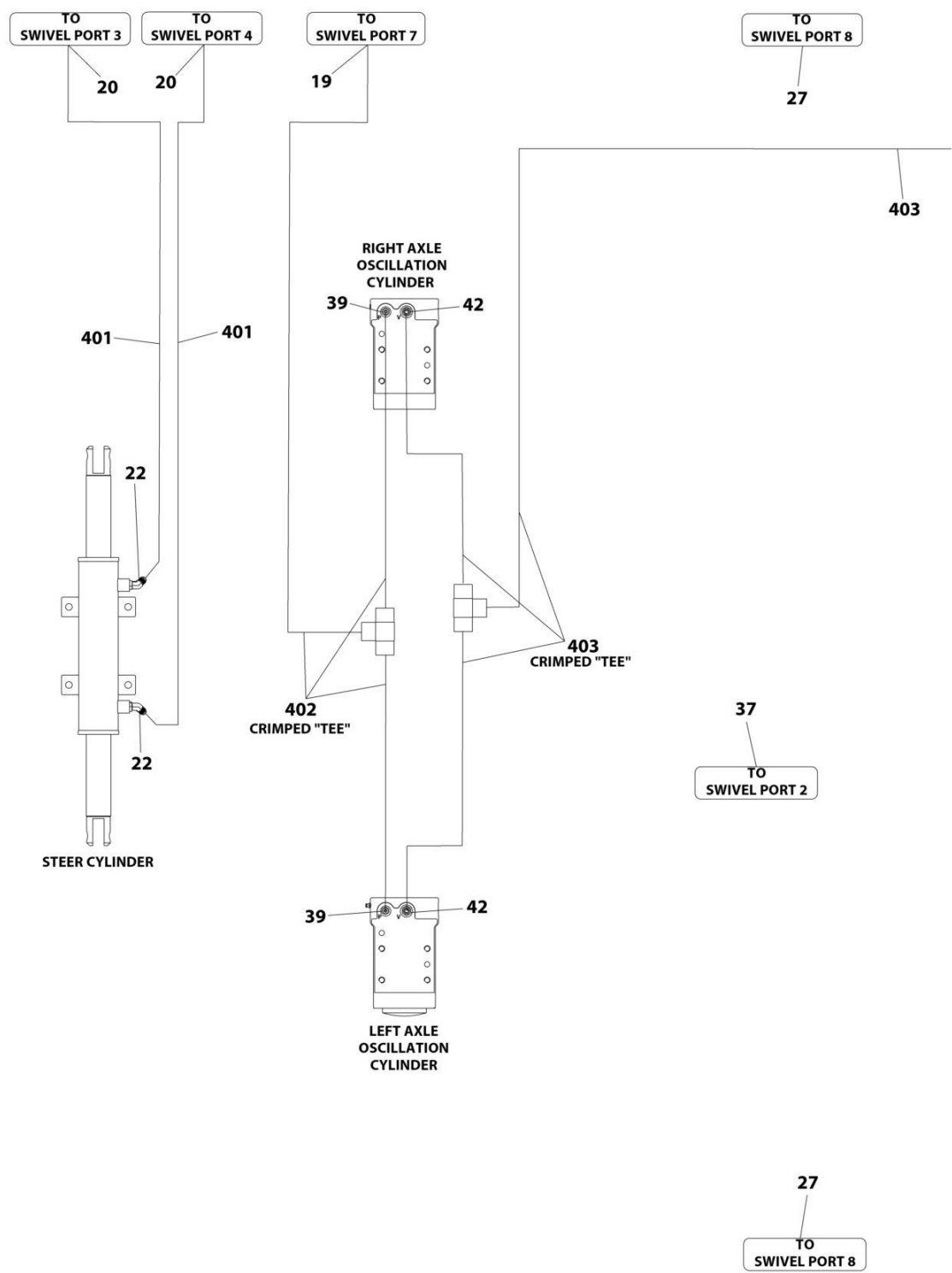
FIGURE 6-7. TELESCOPE CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251075	Ref	TELESCOPE CYLINDER ASSEMBLY	B
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Purchase Complete Assembly)	
2	70007062	1	Rod	
3	70007063	1	Head	
4	See Note	NSS	Wiper (Note: Use Item 100)	
5	70002412	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, Wear (Note: Use Item 100)	
9	See Note	NSS	Ring, Wear (Note: Use Item 100)	
10	See Note	NSS	O-Ring (Note: Use Item 100)	
11	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
12	70007064	1	Piston	
13	See Note	NSS	Seal (Note: Use Item 100)	
14	See Note	NSS	Ring, Wear (Note: Use Item 100)	
15	See Note	NSS	O-Ring (Note: Use Item 100)	
16	70007065	1	Plate	
17	70007066	8	Capscrew	
18	70007067	1	Spacer	
19	70006817	1	Set Screw	
20	1001166997	1	Valve Block Assembly (See Items 201-207 for Breakdown)	
21	70007068	4	Capscrew	
22	2220886	2	Plug, O-Ring	
23	2220885	3	Plug	
24	70007069	2	Pad, Wear	
25	70007070	4	Bolt	
26	70006344	8	Washer	
27	70007071	4	Nut	
28	See Note	NSS	O-Ring (Note: Use Item 100)	
100	70007072	1	Seal Kit - 1001251075 Cylinder (Includes Items 4, 6-11, 13-15 & 28)	
	1001166997	Ref	VALVE BLOCK ASSEMBLY	
201	2220881	5	Plug	
203	2220885	2	Plug	
204	4640452	1	Cartridge, Counterbalance Valve	
204	2900770	1	Seal Kit - 4640452 Valve	
206	1001165363	1	Cartridge, Shuttle Valve	
206	7012518	1	Seal Kit - 1001165363 Valve	
207	1001168209	1	Cartridge, Counterbalance Valve	
207	2900770	1	Seal Kit - 1001168209 Valve	

SECTION 7 - HYDRAULIC

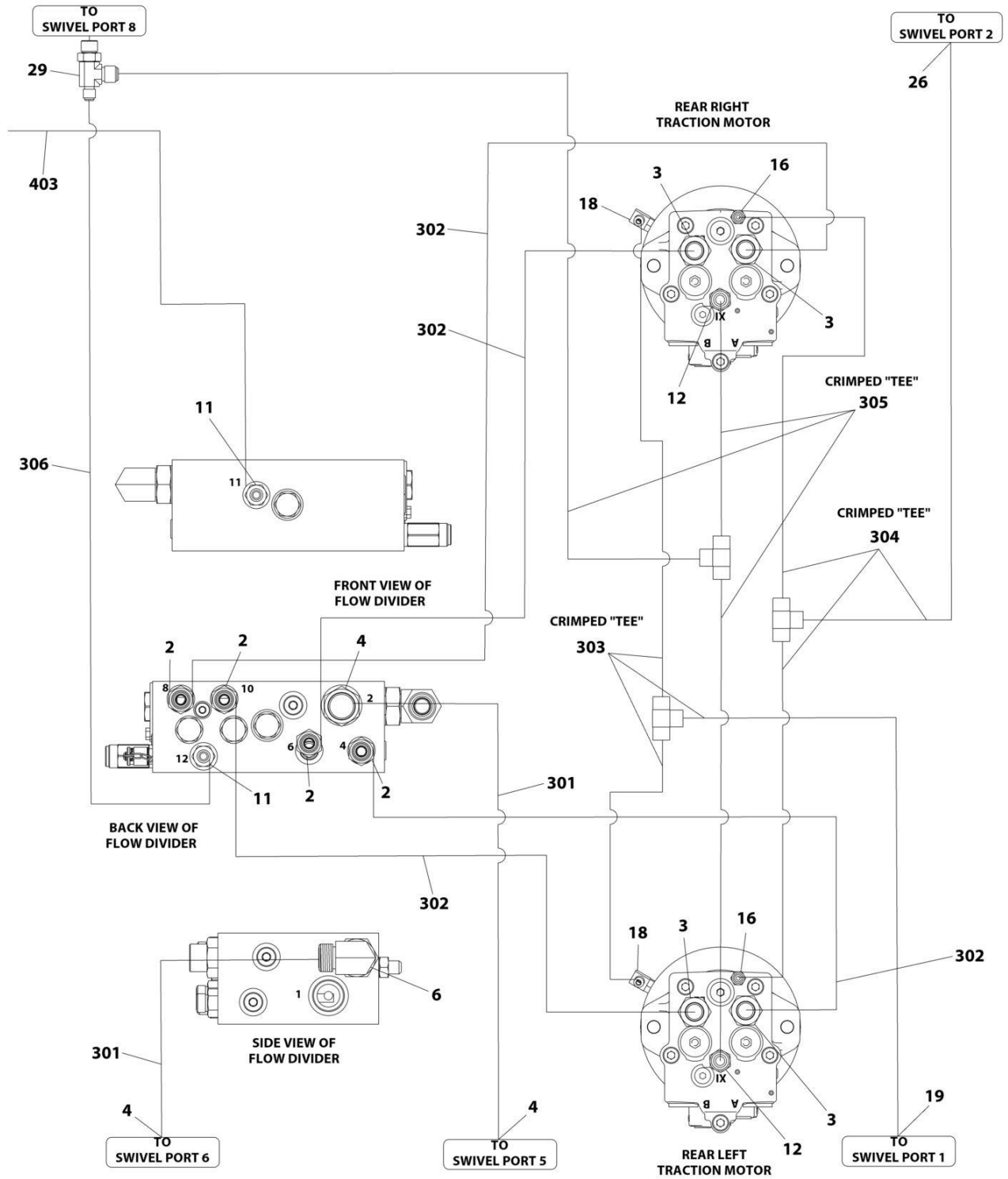
SECTION 7 - HYDRAULIC

FIGURE 7-1. 400S 2WD HYDRAULIC SYSTEM INSTALLATION



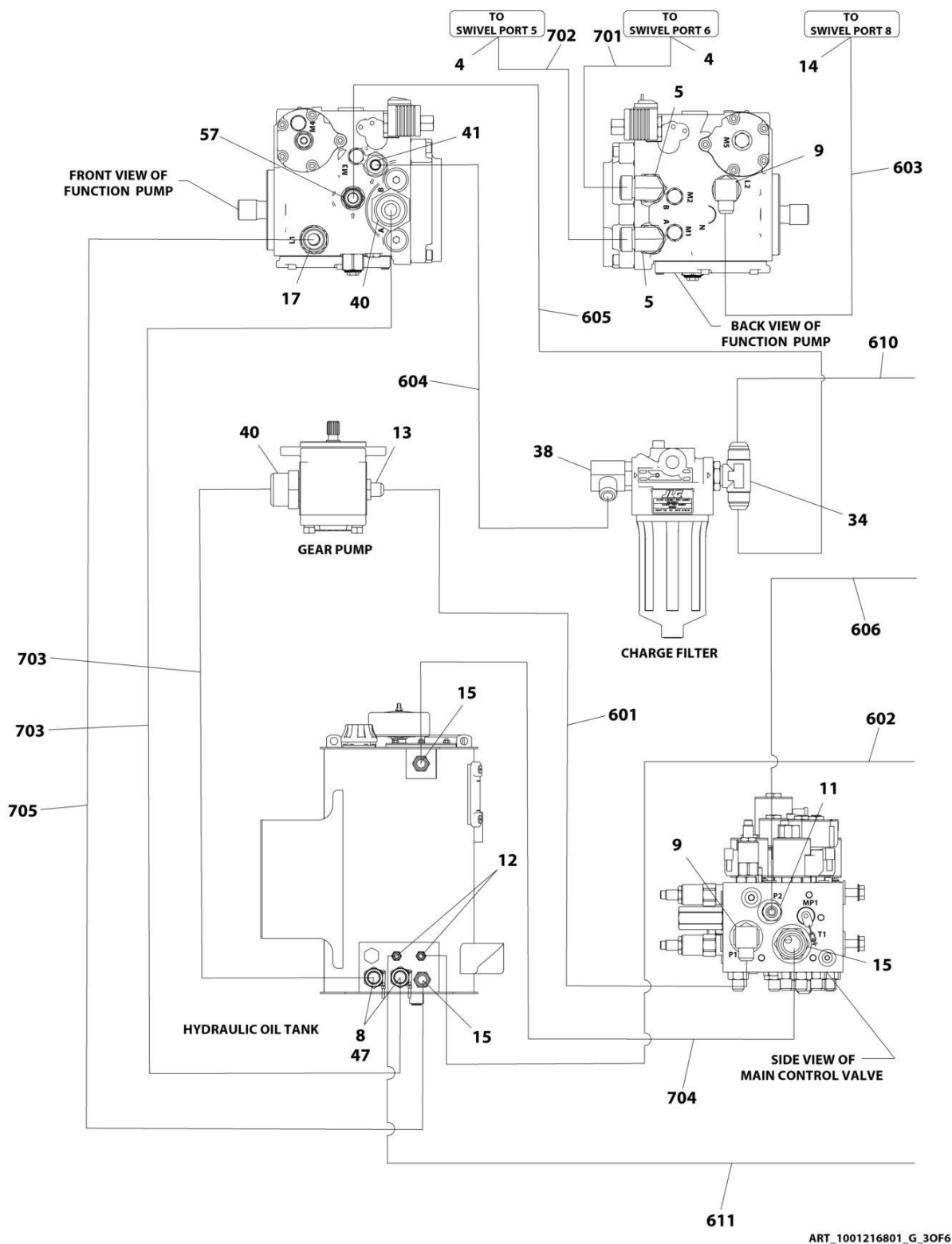
ART_1001216801_G_10F6

SECTION 7 - HYDRAULIC

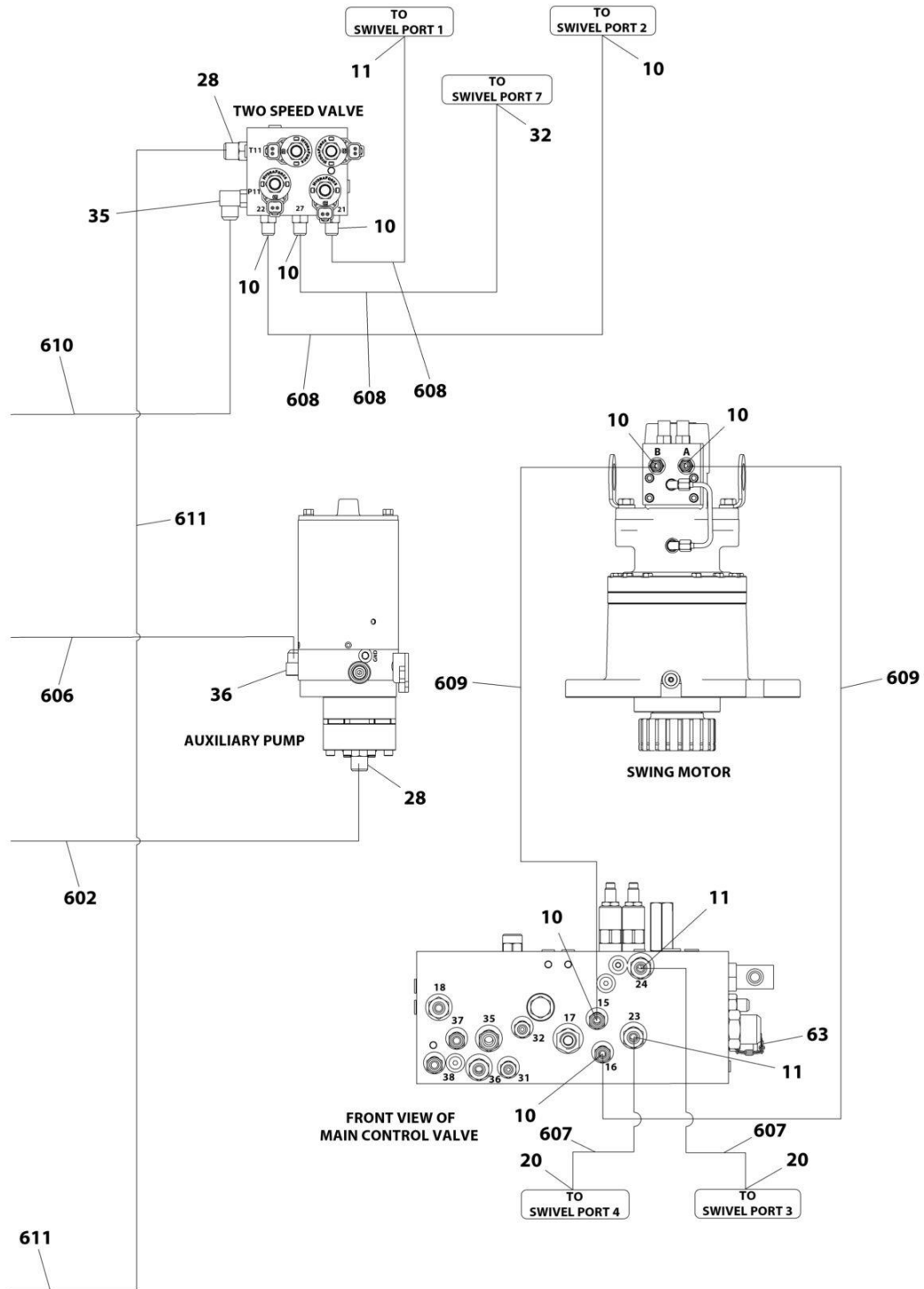


ART_1001216801_G_20F6

SECTION 7 - HYDRAULIC

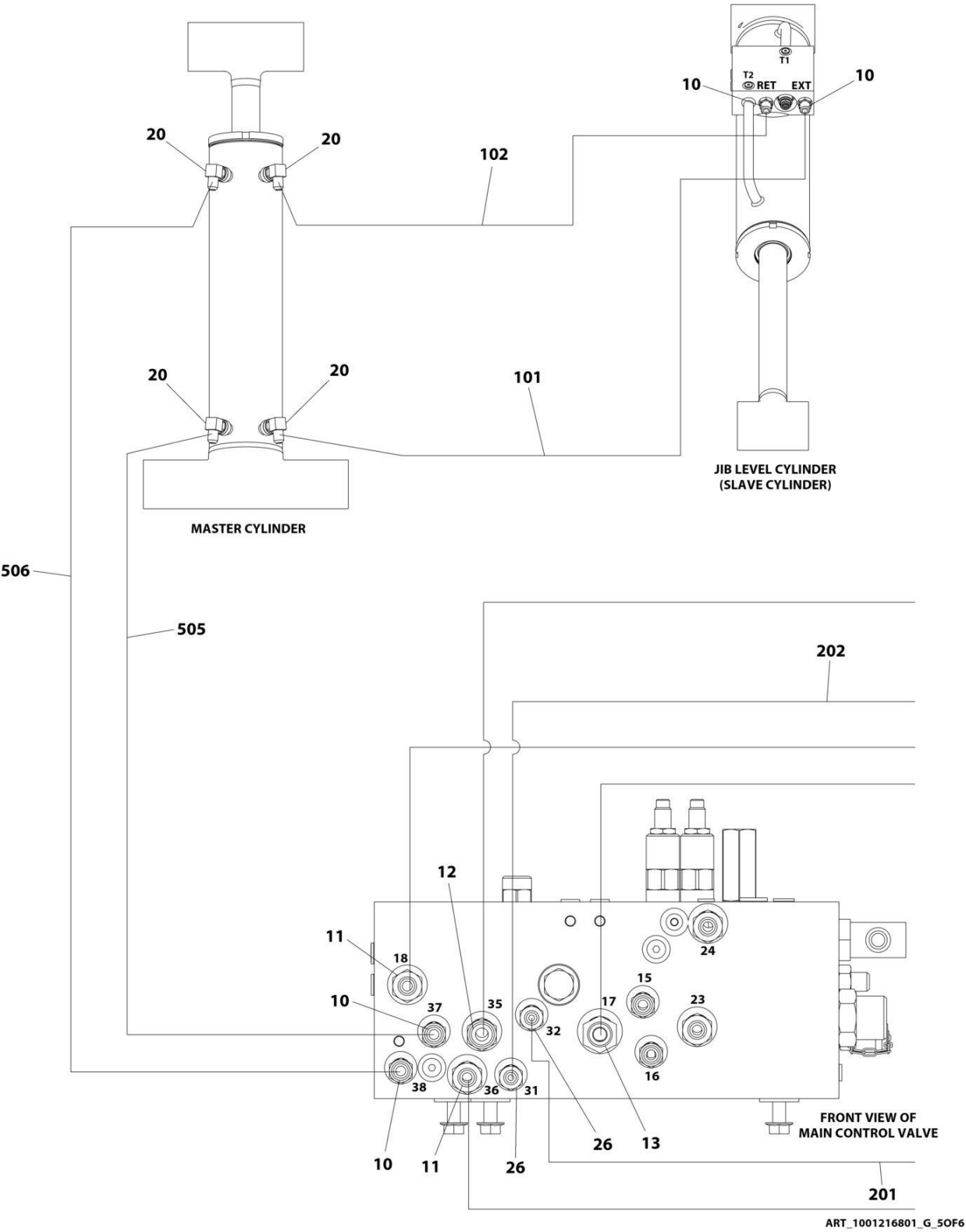


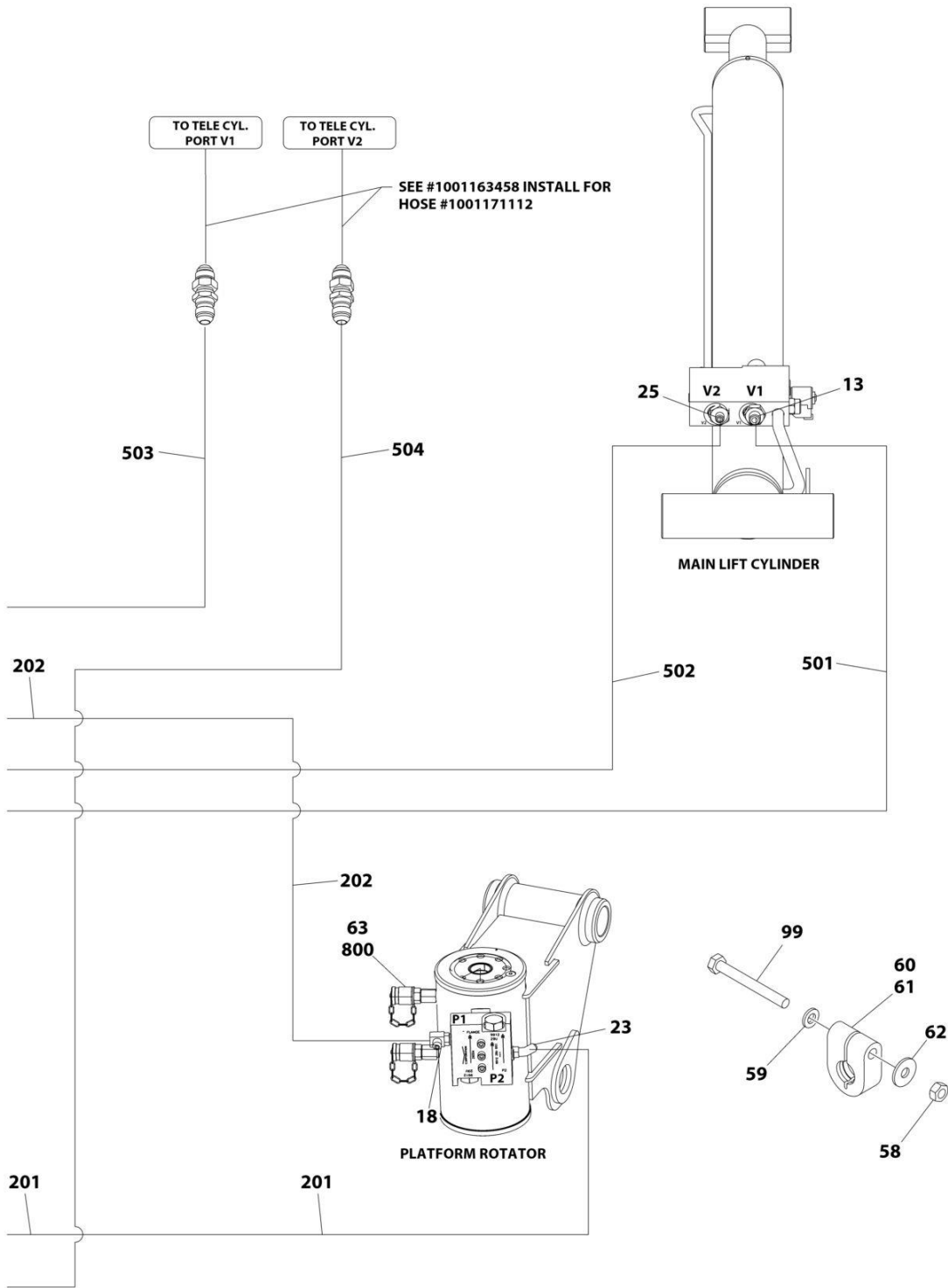
SECTION 7 - HYDRAULIC



ART_1001216801_G_40F6

SECTION 7 - HYDRAULIC





ART_1001216801_G_60F6

SECTION 7 - HYDRAULIC

FIGURE 7-1. 400S 2WD HYDRAULIC SYSTEM INSTALLATION

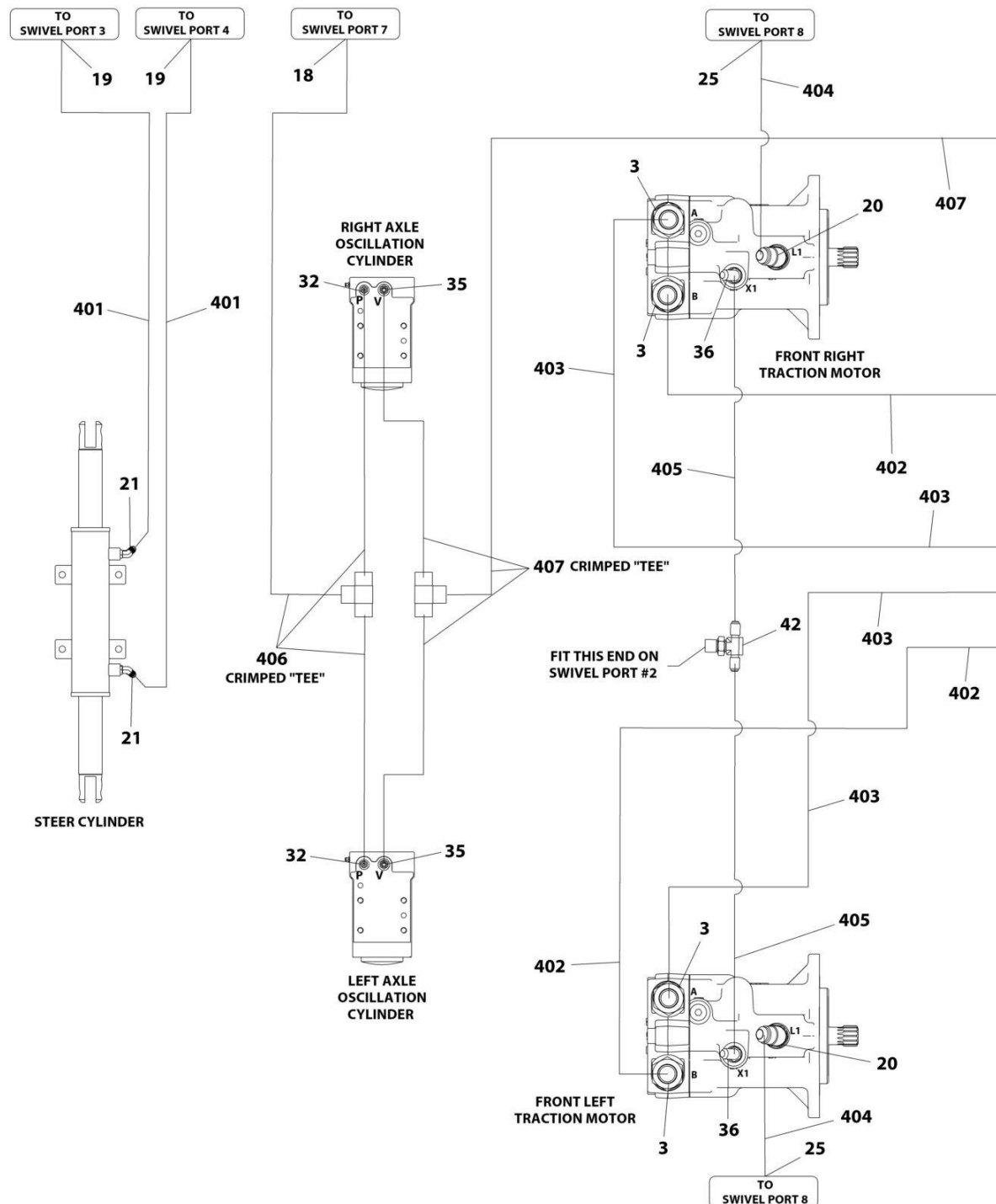
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216801	Ref	2WD HYDRAULIC SYSTEM INSTALLATION	G
2	2110810	4	Fitting, Straight ORFS/ORB	
3	2110812	4	Fitting, Straight ORFS/ORB	
4	2111216	5	Fitting, Straight ORFS/ORB	
5	2131212	2	Fitting, 90 ORFS/ORB	
6	2131216	1	Fitting, 90 ORFS/ORB	
8	1001202910	2	Fitting, Straight MORB	
9	2220366	2	Fitting, 90 JIC/ORB	
10	2220371	12	Fitting, Straight JIC/ORB	
11	2220372	8	Fitting, Straight JIC/ORB	
12	2220373	5	Fitting, Straight JIC/ORB	
13	2220374	3	Fitting, Straight JIC/ORB	
14	2220375	1	Fitting, Straight JIC/ORB	
15	2220377	3	Fitting, Straight JIC/ORB	
16	2220415	2	Fitting, Straight JIC/ORB	
17	2220451	1	Fitting, Straight JIC/ORB	
18	2220466	3	Fitting, 90 JIC/ORB	
19	2220468	2	Fitting, Straight JIC/ORB	
20	2220473	8	Fitting, 90 JIC/ORB	
22	2220501	2	Fitting, 45 JIC/ORB	
23	2220502	1	Fitting, 45 JIC/ORB	
25	2220497	1	Fitting, Straight JIC/ORB	
26	2220582	3	Fitting, Straight JIC/ORB	
27	2220238	2	Plug ORB	
28	2220600	2	Fitting, Straight JIC/ORB	
29	1001197272	1	Fitting, Tee JIC/ORB/JIC	
32	2220628	1	Fitting, 90 JIC/ORB	
34	2220695	1	Fitting, Tee JIC/ORB/JIC	
35	2220726	1	Fitting, 90 JIC/ORB	
36	2220775	1	Fitting, 90 JIC/ORB	
37	2220237	1	Plug ORB	
38	2220906	1	Fitting, 90 JIC/ORB	
39	2220923	2	Fitting, Straight JIC/ORB	
40	2220946	2	Fitting, Straight JIC/ORB	
41	2220947	1	Fitting, Straight JIC/ORB	
42	2220998	2	Fitting, Straight JIC/ORB	
44	4240018	13	Tie-Strap (Not Shown)	
47	1001275635	2	Clamp	
49	1001098928	1	Clamp (Not Shown)	
57	88662037	1	Fitting, Straight JIC/ORB	
58	3290601	2	Nut M6 x 1	
59	4811700	2	Washer M6	
60	1001191275	1	Clamp	
61	1001191276	1	Clamp	
62	4811702	2	Washer M6	
63	2221086	3	Fitting, Diagnostic Test Port	
99	0700619	2	Bolt M6 x 55	
100	1001202940	1	Kit, Upper Boom (Not Shown)	
101	1001173909	1	Hose	
102	1001173937	1	Hose	

SECTION 7 - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
200	1001202941	1	Kit, S Boom (Not Shown)	
201	1001172694	1	Hose	
202	1001172696	1	Hose	
300	1001202943	1	Kit, Chassis Rear Hose (Not Shown)	
301	1001172695	2	Hose	
302	1001172697	4	Hose	
303	1001184561	1	Hose	
304	1001184562	1	Hose	
305	1001184563	1	Hose	
306	1001197284	1	Hose	
400	1001214614	1	Kit, Chassis Front Hose (Not Shown)	
401	1001172692	2	Hose	
402	1001184542	1	Hose	
403	1001184543	1	Hose	
500	1001202946	1	Kit, Turntable Hosing (Not Shown)	
501	1001173901	1	Hose	
502	1001173902	1	Hose	
503	1001173903	1	Hose	
504	1001173904	1	Hose	
505	1001173907	1	Hose	
506	1001173908	1	Hose	
600	1001252922	1	Kit, Turntable Hosing (Not Shown)	
601	2752500	1	Hose	
602	1001172716	1	Hose	
603	1001172717	1	Hose	
604	1001172718	1	Hose	
605	1001172719	1	Hose	
606	1001172721	1	Hose	
607	1001172722	2	Hose	
608	1001172723	3	Hose	
609	1001173900	1	Hose	
610	1001181075	1	Hose	
611	1001193654	1	Hose	
700	1001252923	1	Kit, Turntable Hosing (Not Shown)	
701	1001173898	1	Hose	
702	1001181074	1	Hose	
703	1001207332	1	Hose	
704	1001207333	1	Hose	
705	1001216655	1	Hose	
800	2060404	2	Fitting, Straight FORB/ORB	

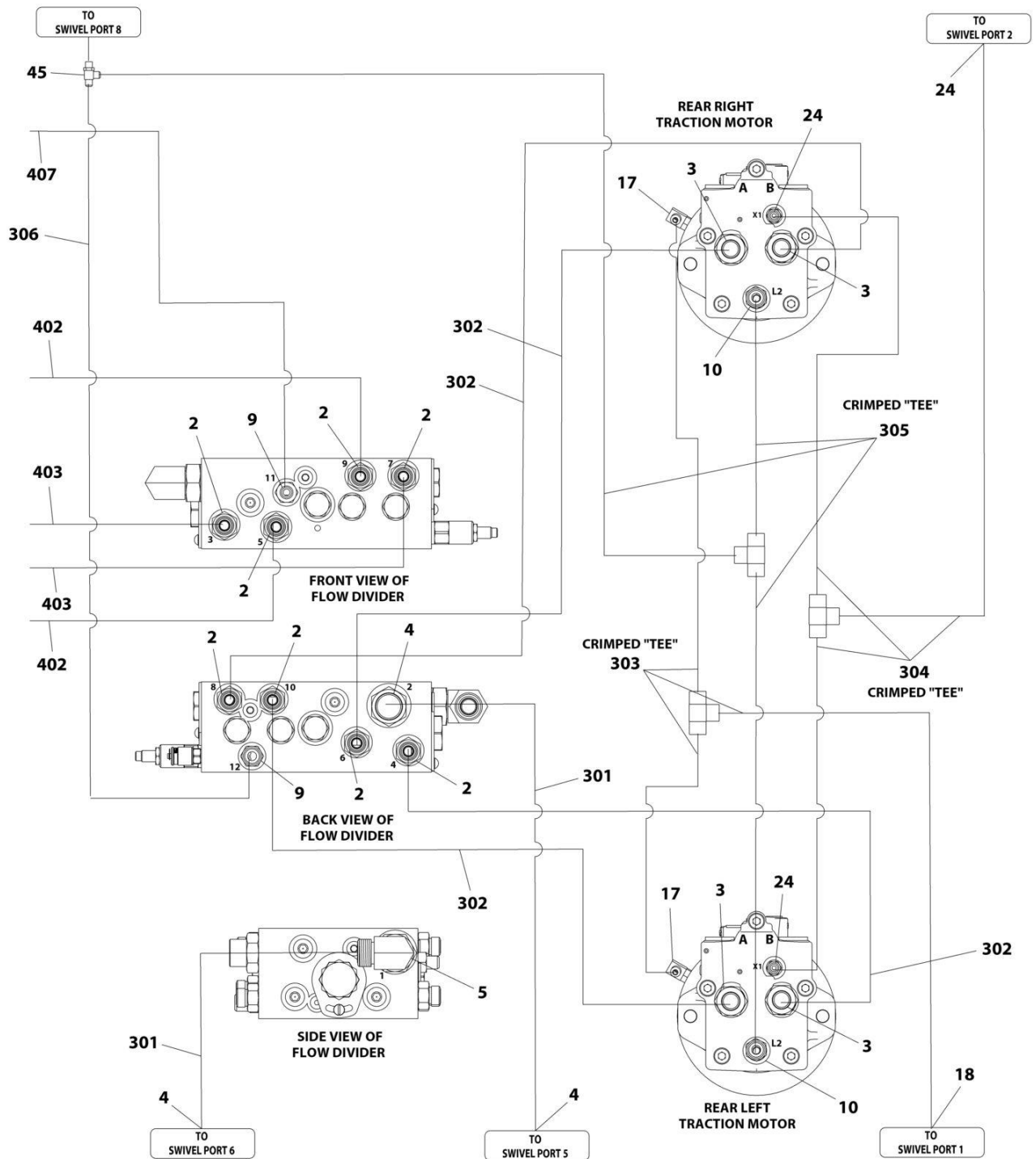
SECTION 7 - HYDRAULIC

FIGURE 7-2. 400S 4WD HYDRAULIC SYSTEM INSTALLATION (ALL MACHINES)



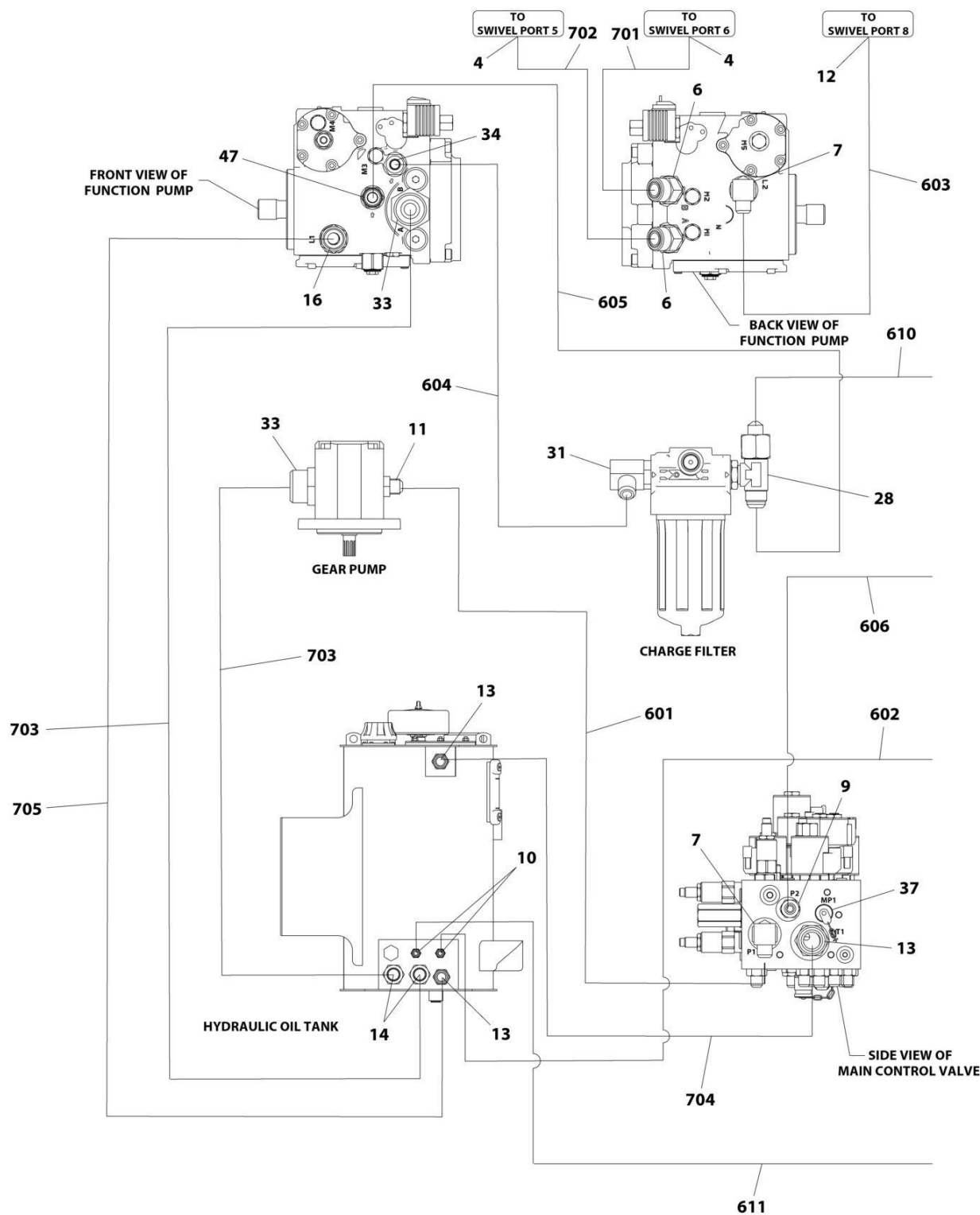
ART_1001207340_I_1OF6

SECTION 7 - HYDRAULIC



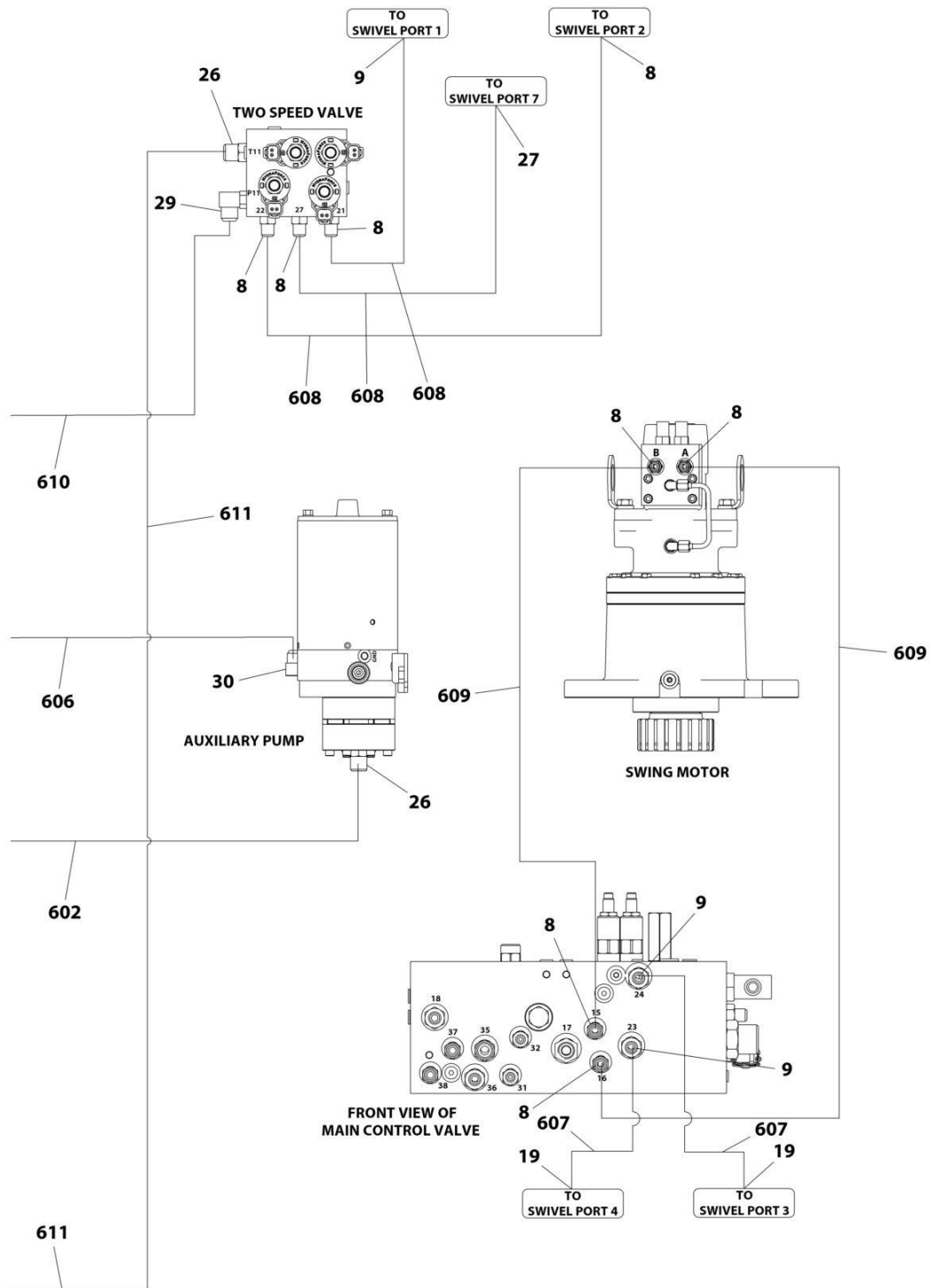
ART_1001207340_I_20F6

SECTION 7 - HYDRAULIC



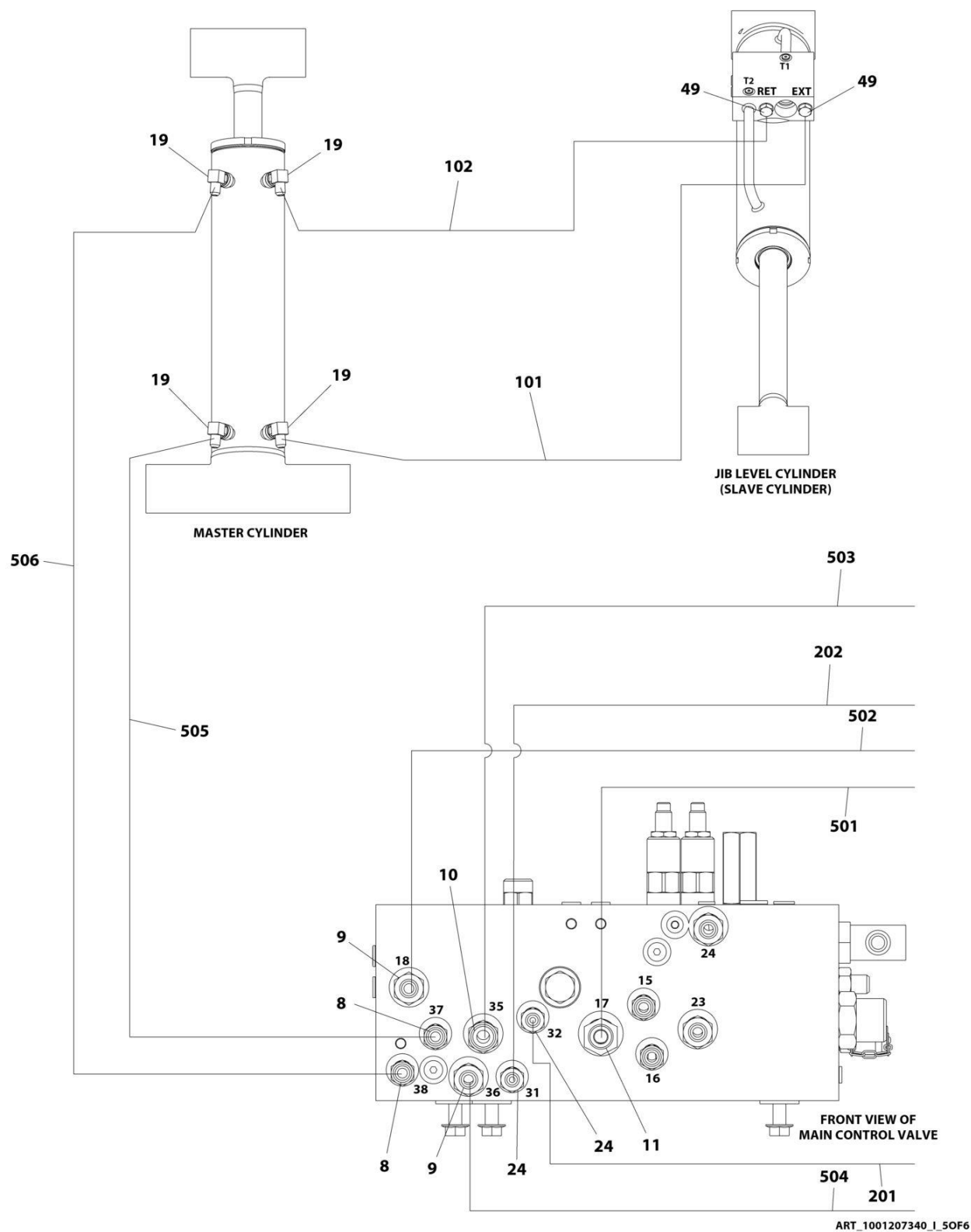
ART_1001207340_I_30F6

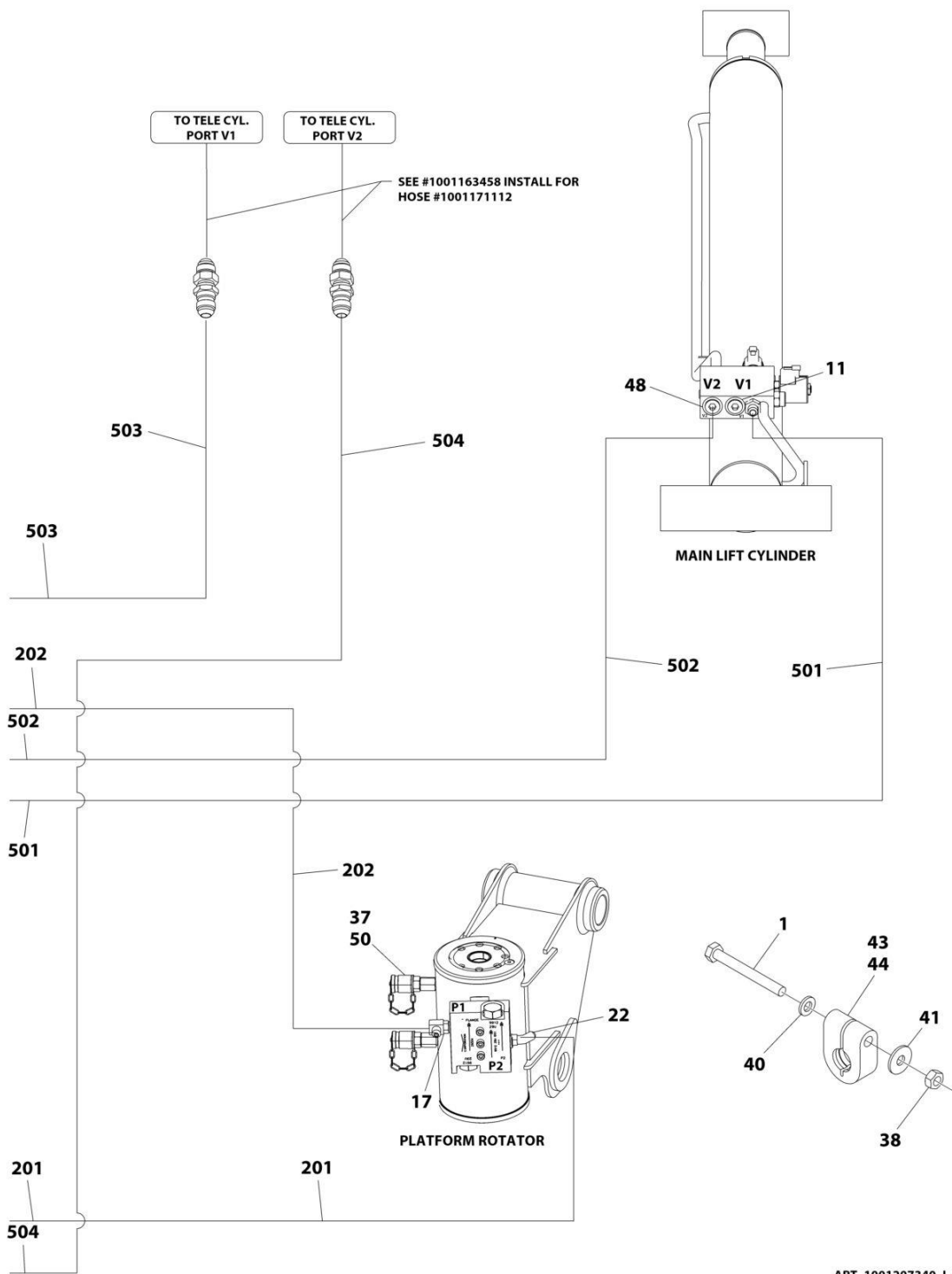
SECTION 7 - HYDRAULIC



ART_1001207340_I_4OF6

SECTION 7 - HYDRAULIC





ART_1001207340_I_6OF6

SECTION 7 - HYDRAULIC

FIGURE 7-2. 400S 4WD HYDRAULIC SYSTEM INSTALLATION (ALL MACHINES)

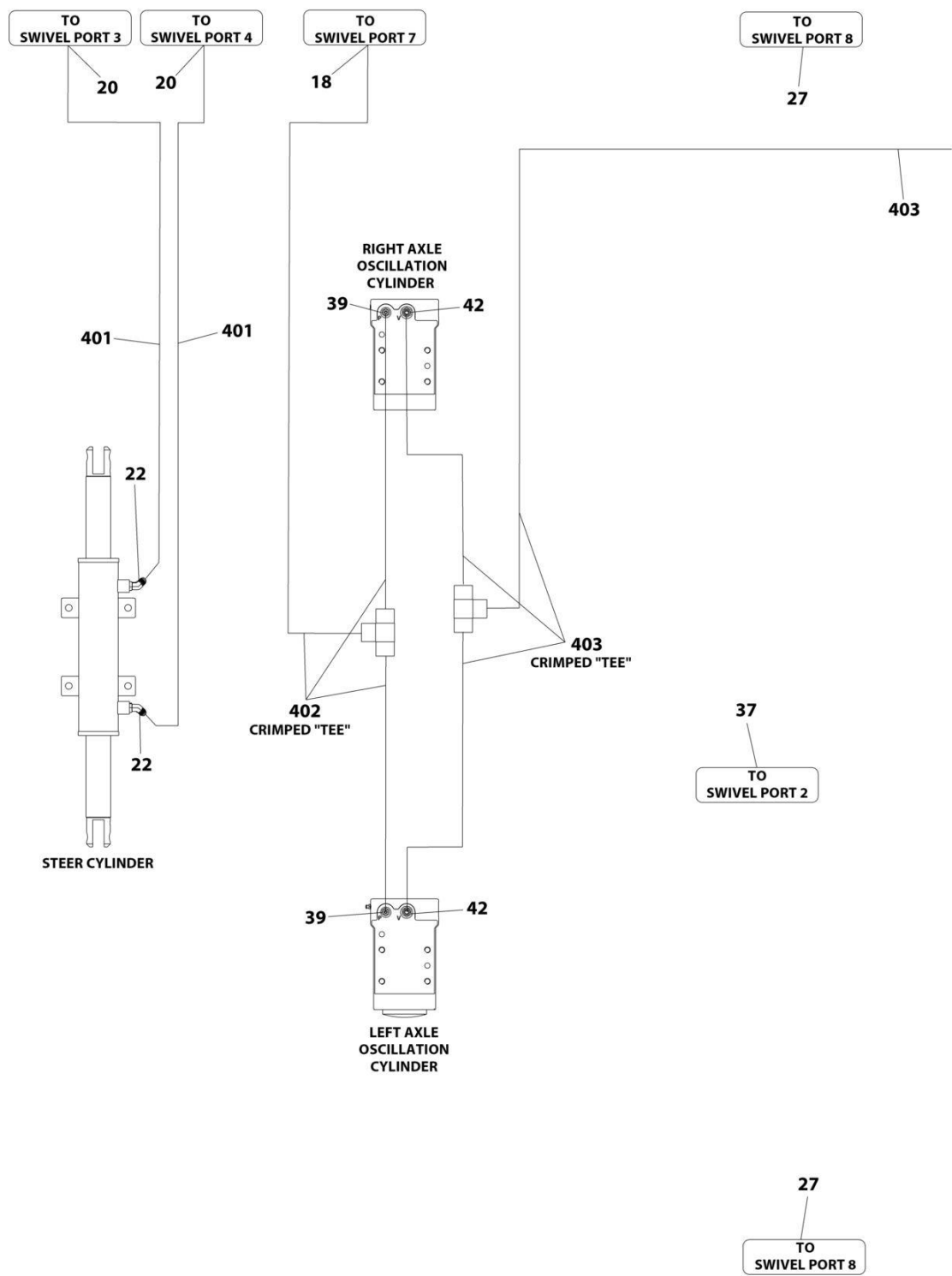
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207340	Ref	HYDRAULIC SYSTEM INSTALLATION	I
1	0700619	2	Bolt M6 x 55	
2	2110810	8	Fitting, Straight ORFS/ORB	
3	2110812	8	Fitting, Straight ORFS/ORB	
4	2111216	5	Fitting, Straight ORFS/ORB	
5	2131216	1	Fitting, 90 ORFS/ORB	
6	2131212	2	Fitting, 90 ORFS/ORB	
7	2220366	2	Fitting, 90 JIC/ORB	
8	2220371	10	Fitting, Straight JIC/ORB	
9	2220372	8	Fitting, Straight JIC/ORB	
10	2220373	5	Fitting, Straight JIC/ORB	
11	2220374	3	Fitting, Straight JIC/ORB	
12	2220375	1	Fitting, Straight JIC/ORB	
13	2220377	3	Fitting, Straight JIC/ORB	
14	1001202910	2	Fitting, Straight MORB	
16	2220451	1	Fitting, Straight JIC/ORB	
17	2220466	3	Fitting, 90 JIC/ORB	
18	2220468	2	Fitting, Straight JIC/ORB	
19	2220473	8	Fitting, 90 JIC/ORB	
20	2220500	2	Fitting, 45 JIC/ORB	
21	2220501	2	Fitting, 45 JIC/ORB	
22	2220502	1	Fitting, 45 JIC/ORB	
24	2220582	5	Fitting, Straight JIC/ORB	
25	2220596	2	Fitting, 90 JIC/ORB	
26	2220600	2	Fitting, Straight JIC/ORB	
27	2220628	1	Fitting, 90 JIC/ORB	
28	2220695	1	Fitting, Tee JIC/ORB/JIC	
29	2220726	1	Fitting, 90 JIC/ORB	
30	2220775	1	Fitting, 90 JIC/ORB	
31	2220906	1	Fitting, 90 JIC/ORB	
32	2220923	2	Fitting, Straight JIC/ORB	
33	2220946	2	Fitting, Straight JIC/ORB	
34	2220947	1	Fitting, Straight JIC/ORB	
35	2220998	2	Fitting, Straight JIC/ORB	
36	2221040	2	Fitting, 45 JIC/ORB	
37	2221086	3	Fitting, Diagnostic Test Port	
38	3290601	2	Nut M6 x 1	
39	4240018	AR	Tie-Strap (Not Shown)	
40	4811700	2	Washer M6	
41	4811702	2	Washer M6	
42	1001175024	1	Fitting, Tee JIC/JIC/ORB	
43	1001191275	1	Clamp	
44	1001191276	1	Clamp	
45	1001197272	1	Fitting, Tee JIC/ORB/JIC	
46	1001275635	2	Clamp, Hose (Not Shown)	
47	88662037	1	Fitting, Straight JIC/ORB	
48	2220497	1	Fitting, Straight JIC/ORB	
49	2220603	2	Fitting, Straight JIC/ORB	
50	2060404	2	Fitting, Straight FORB/ORB	
100	1001202940	1	Kit, Upper Boom (Not Shown)	

SECTION 7 - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	1001173909	1	Hose	
102	1001173937	1	Hose	
200	1001202941	1	Kit, S Boom (Not Shown)	
201	1001172694	1	Hose	
202	1001172696	1	Hose	
300	1001202943	1	Kit, Chassis Rear Hose (Not Shown)	
301	1001172695	2	Hose	
302	1001172697	4	Hose	
303	1001184561	1	Hose	
304	1001184562	1	Hose	
305	1001184563	1	Hose	
306	1001197284	1	Hose	
400	1001202944	1	Kit, Chassis Front Hose (Not Shown)	
401	1001172692	2	Hose	
402	1001172698	2	Hose	
403	1001172699	2	Hose	
404	1001172703	2	Hose	
405	1001172707	2	Hose	
406	1001184542	1	Hose	
407	1001184543	1	Hose	
500	1001202946	1	Kit, Turntable Hosing (Not Shown)	
501	1001173901	1	Hose	
502	1001173902	1	Hose	
503	1001173903	1	Hose	
504	1001173904	1	Hose	
505	1001173907	1	Hose	
506	1001173908	1	Hose	
600	1001252922	1	Kit, Turntable Hosing (Not Shown)	
601	2752500	1	Hose	
602	1001172716	1	Hose	
603	1001172717	1	Hose	
604	1001172718	1	Hose	
605	1001172719	1	Hose	
606	1001172721	1	Hose	
607	1001172722	2	Hose	
608	1001172723	3	Hose	
609	1001173900	2	Hose	
610	1001181075	1	Hose	
611	1001193654	1	Hose	
700	1001252923	1	Kit, Turntable Hosing (Not Shown)	
701	1001173898	1	Hose	
702	1001181074	1	Hose	
703	1001207332	1	Hose	
704	1001207333	1	Hose	
705	1001216655	1	Hose	

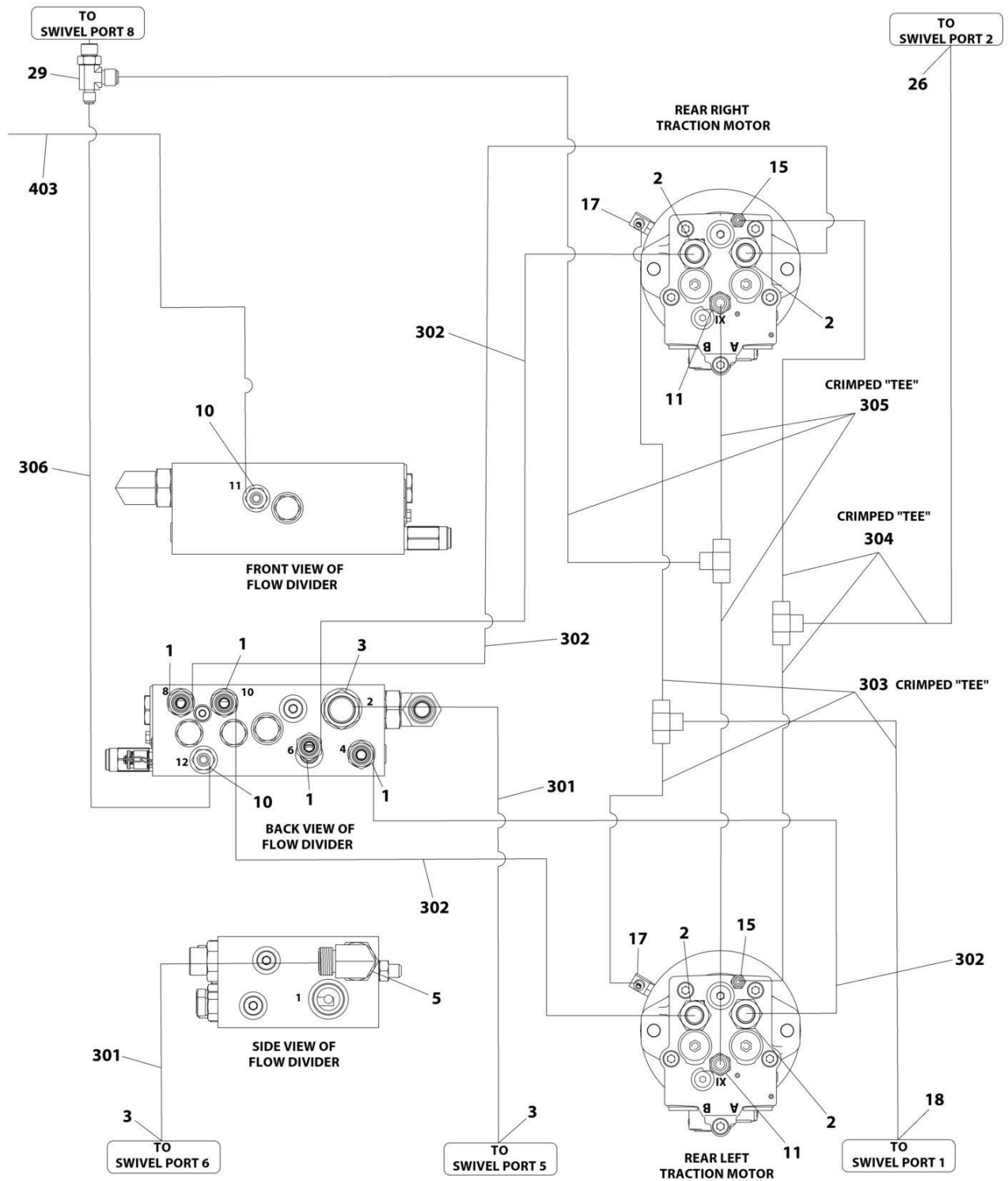
SECTION 7 - HYDRAULIC

FIGURE 7-3. 460SJ 2WD HYDRAULIC SYSTEM INSTALLATION



ART_1001216800_G_1OF6

SECTION 7 - HYDRAULIC

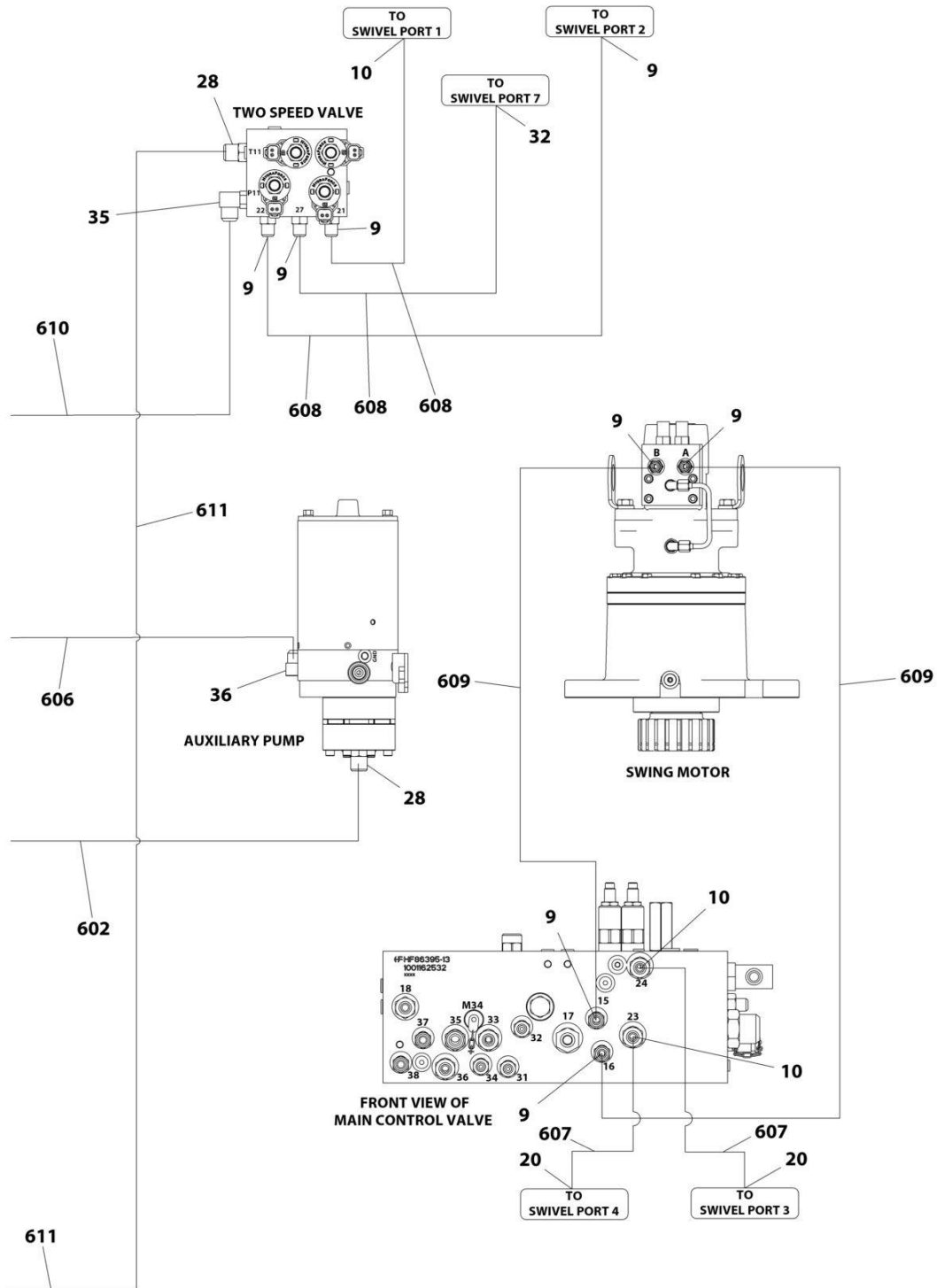


ART_1001216800_G_2OF6

512

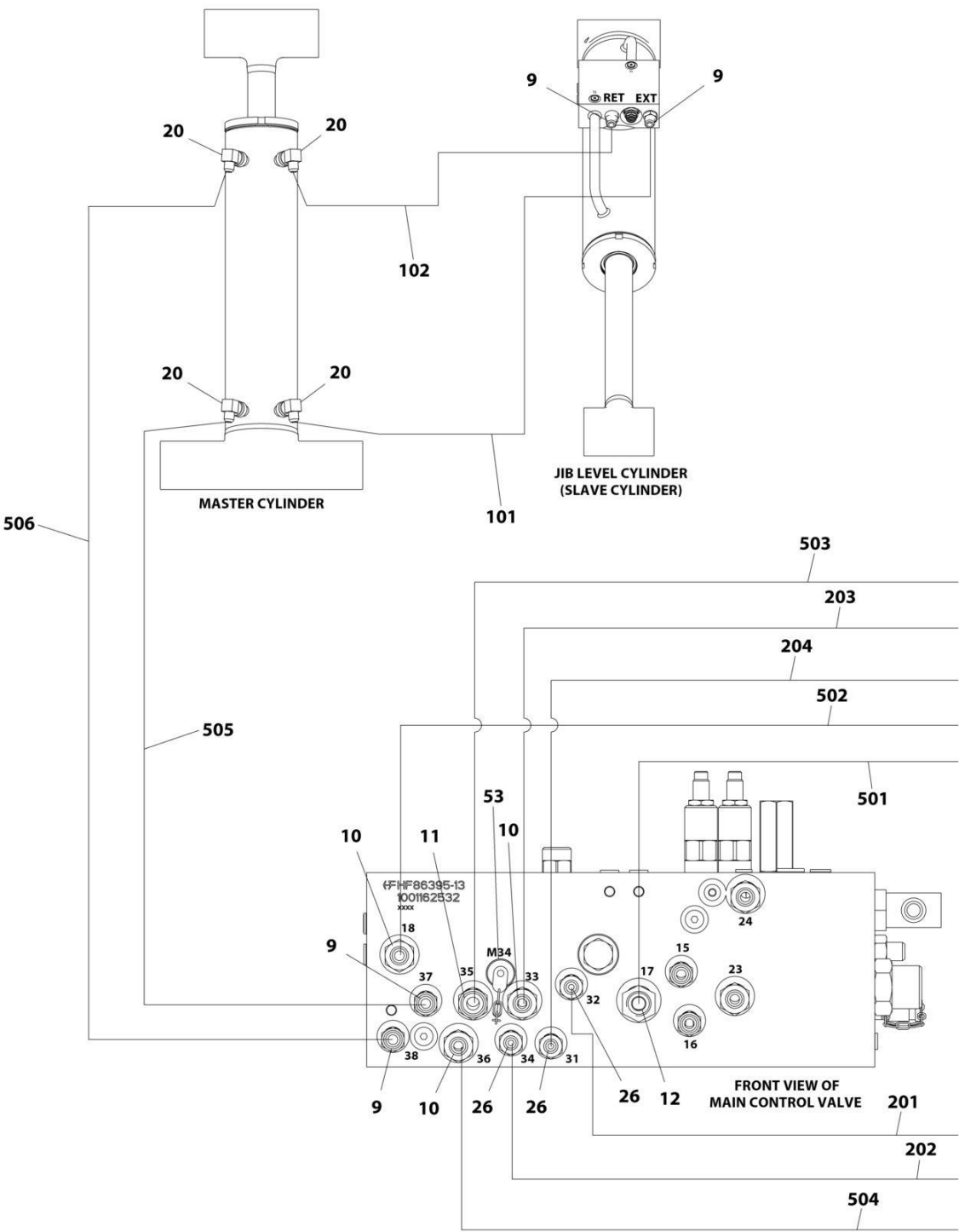


SECTION 7 - HYDRAULIC

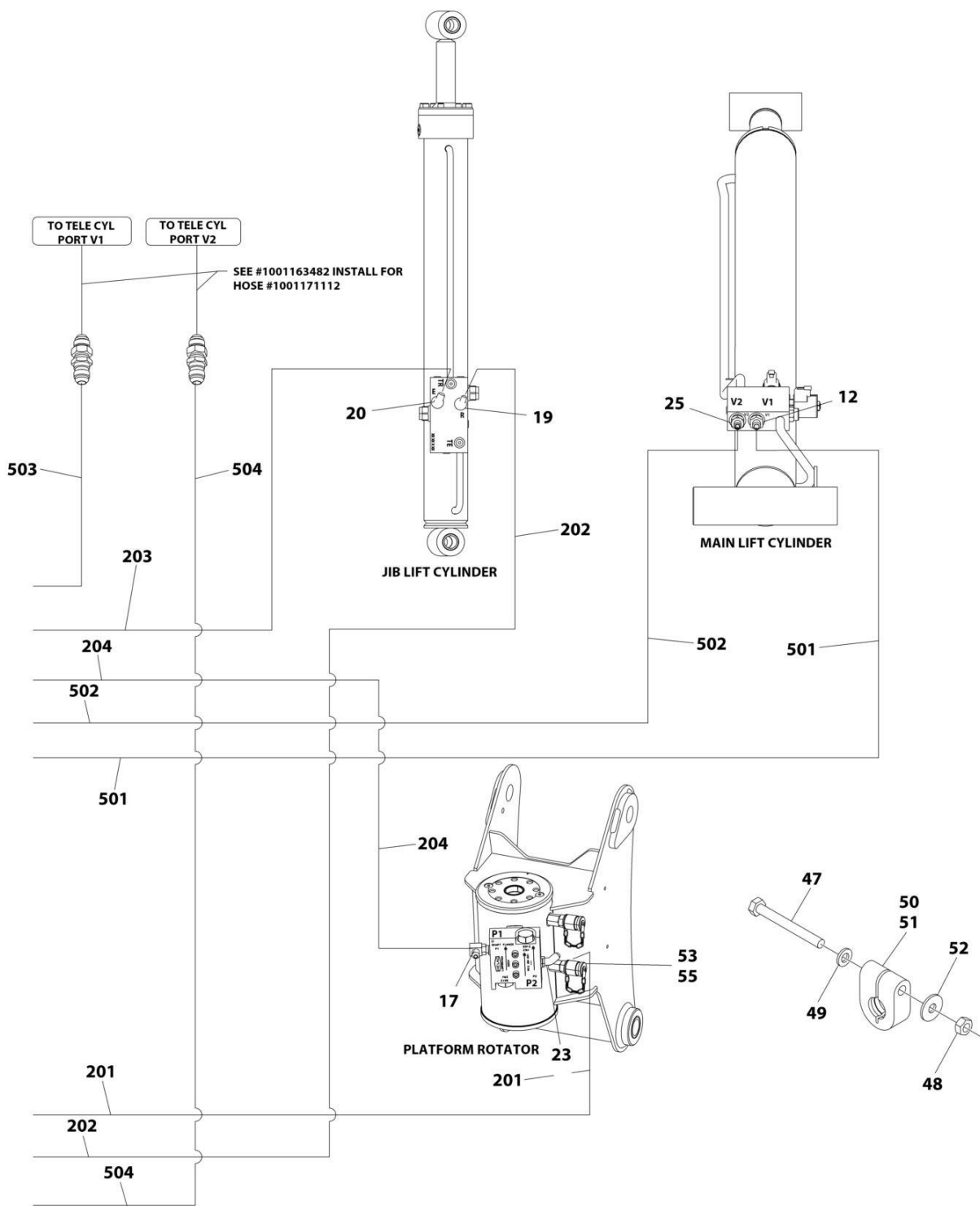


ART_1001216800_G_4OF6

SECTION 7 - HYDRAULIC



ART_1001216800_G_50F6



ART_1001216800_G_6OF6

SECTION 7 - HYDRAULIC

FIGURE 7-3. 460SJ 2WD HYDRAULIC SYSTEM INSTALLATION

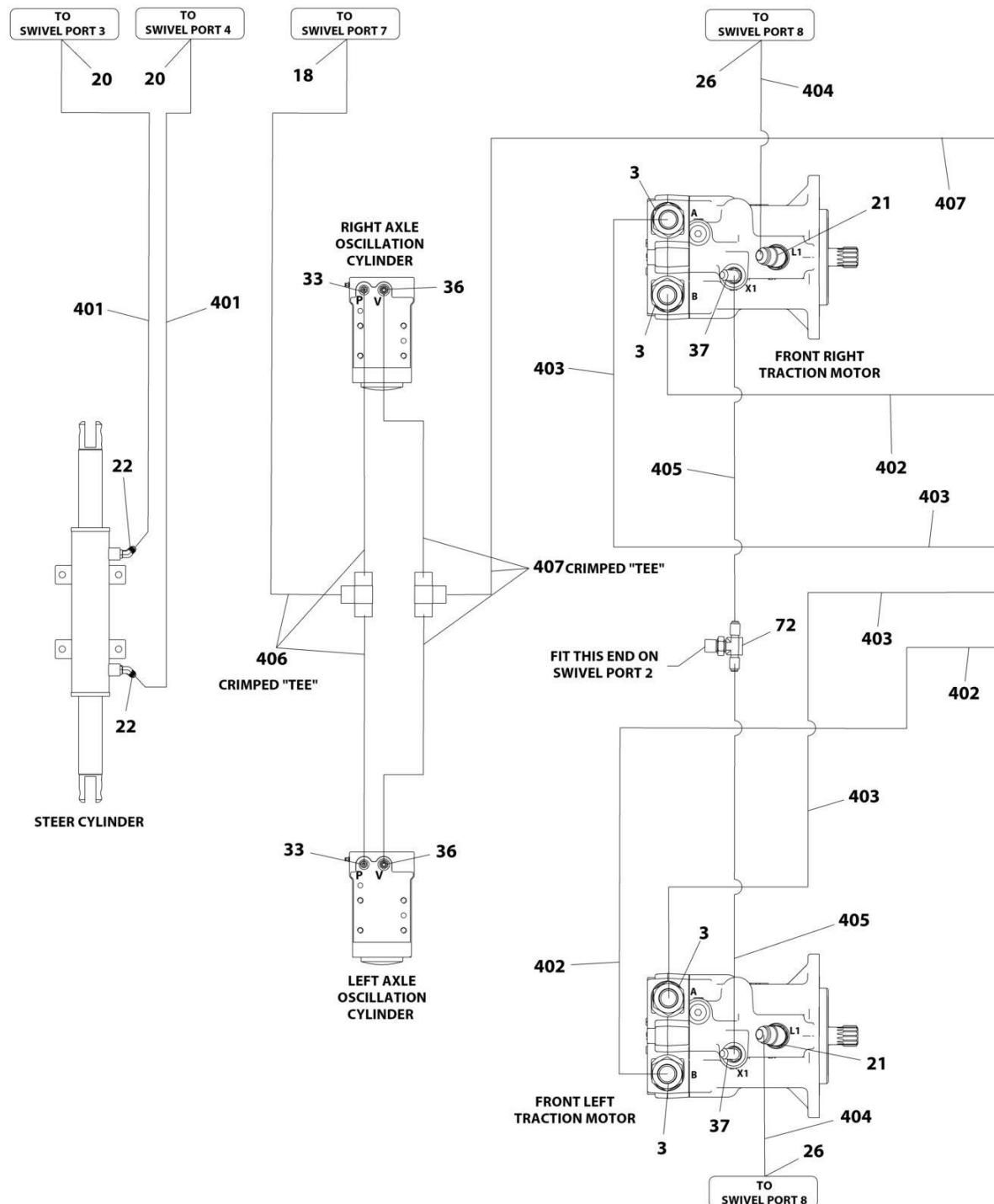
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216800	Ref	2WD HYDRAULIC SYSTEM INSTALLATION	G
1	2110810	4	Fitting, Straight ORFS/ORB	
2	2110812	4	Fitting, Straight ORFS/ORB	
3	2111216	5	Fitting, Straight ORFS/ORB	
4	2131212	2	Fitting, 90 ORFS/ORB	
5	2131216	1	Fitting, 90 ORFS/ORB	
7	1001202910	2	Fitting, Straight MORB	
8	2220366	2	Fitting, 90 JIC/ORB	
9	2220371	12	Fitting, Straight JIC/ORB	
10	2220372	9	Fitting, Straight JIC/ORB	
11	2220373	5	Fitting, Straight JIC/ORB	
12	2220374	3	Fitting, Straight JIC/ORB	
13	2220375	1	Fitting, Straight JIC/ORB	
14	2220377	3	Fitting, Straight JIC/ORB	
15	2220415	2	Fitting, Straight JIC/ORB	
16	2220451	1	Fitting, Straight JIC/ORB	
17	2220466	3	Fitting, 90 JIC/ORB	
18	2220468	2	Fitting, Straight JIC/ORB	
19	2220472	1	Fitting, 90 JIC/ORB	
20	2220473	9	Fitting, 90 JIC/ORB	
22	2220501	2	Fitting, 45 JIC/ORB	
23	2220502	1	Fitting, 45 JIC/ORB	
25	2220497	1	Fitting, Straight JIC/ORB	
26	2220582	4	Fitting, Straight JIC/ORB	
27	2220238	2	Plug	
28	2220600	2	Fitting, Straight JIC/ORB	
29	1001197272	1	Fitting, Tee JIC/ORB/JIC	
32	2220628	1	Fitting, 90 JIC/ORB	
34	2220695	1	Fitting, Tee JIC/ORB/JIC	
35	2220726	1	Fitting, 90 JIC/ORB	
36	2220775	1	Fitting, 90 JIC/ORB	
37	2220237	1	Plug #6	
38	2220906	1	Fitting, 90 JIC/ORB	
39	2220923	2	Fitting, Straight JIC/ORB	
40	2220946	2	Fitting, Straight JIC/ORB	
41	2220947	1	Fitting, Straight JIC/ORB	
42	2220998	2	Fitting, Straight JIC/ORB	
43	4240018	15	Tie-Strap (Not Shown)	
44	1001275635	2	Clamp	
46	1001098928	1	Clamp (Not Shown)	
47	0700619	2	Bolt M6 x 55	
48	3290601	2	Nut M6	
49	4811700	2	Washer M6	
50	1001191275	1	Clamp	
51	1001191276	1	Clamp	
52	4811702	1	Washer M6	
53	2221086	4	Fitting, Diagnostic Test Port	
54	88662037	1	Fitting, Straight JIC/ORB	
55	2060404	2	Fitting, Straight FORB/ORB	
100	1001202940	1	Kit, Upper Boom (Not Shown)	

SECTION 7 - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	1001173909	1	Hose	
102	1001173937	1	Hose	
200	1001202942	1	Kit, S Boom (Not Shown)	
201	1001173905	1	Hose	
202	1001173906	1	Hose	
203	1001181076	1	Hose	
204	1001181077	1	Hose	
300	1001202943	1	Kit, Chassis Rear Hose (Not Shown)	
301	1001172695	2	Hose	
302	1001172697	4	Hose	
303	1001184561	1	Hose	
304	1001184562	1	Hose	
305	1001184563	1	Hose	
306	1001197284	1	Hose	
400	1001214614	1	Kit, Chassis Front Hose (Not Shown)	
401	1001172692	2	Hose	
402	1001184542	1	Hose	
403	1001184543	1	Hose	
500	1001202946	1	Kit, Turntable Hosing (Not Shown)	
501	1001173901	1	Hose	
502	1001173902	1	Hose	
503	1001173903	1	Hose	
504	1001173904	1	Hose	
505	1001173907	1	Hose	
506	1001173908	1	Hose	
600	1001252922	1	Kit, Turntable Hosing (Not Shown)	
601	2752500	1	Hose	
602	1001172716	1	Hose	
603	1001172717	1	Hose	
604	1001172718	1	Hose	
605	1001172719	1	Hose	
606	1001172721	1	Hose	
607	1001172722	2	Hose	
608	1001172723	3	Hose	
609	1001173900	2	Hose	
610	1001181075	1	Hose	
611	1001193654	1	Hose	
700	1001252923	1	Kit, Turntable Hosing (Not Shown)	
701	1001173898	1	Hose	
702	1001181074	1	Hose	
703	1001207332	1	Hose	
704	1001207333	1	Hose	
705	1001216655	1	Hose	

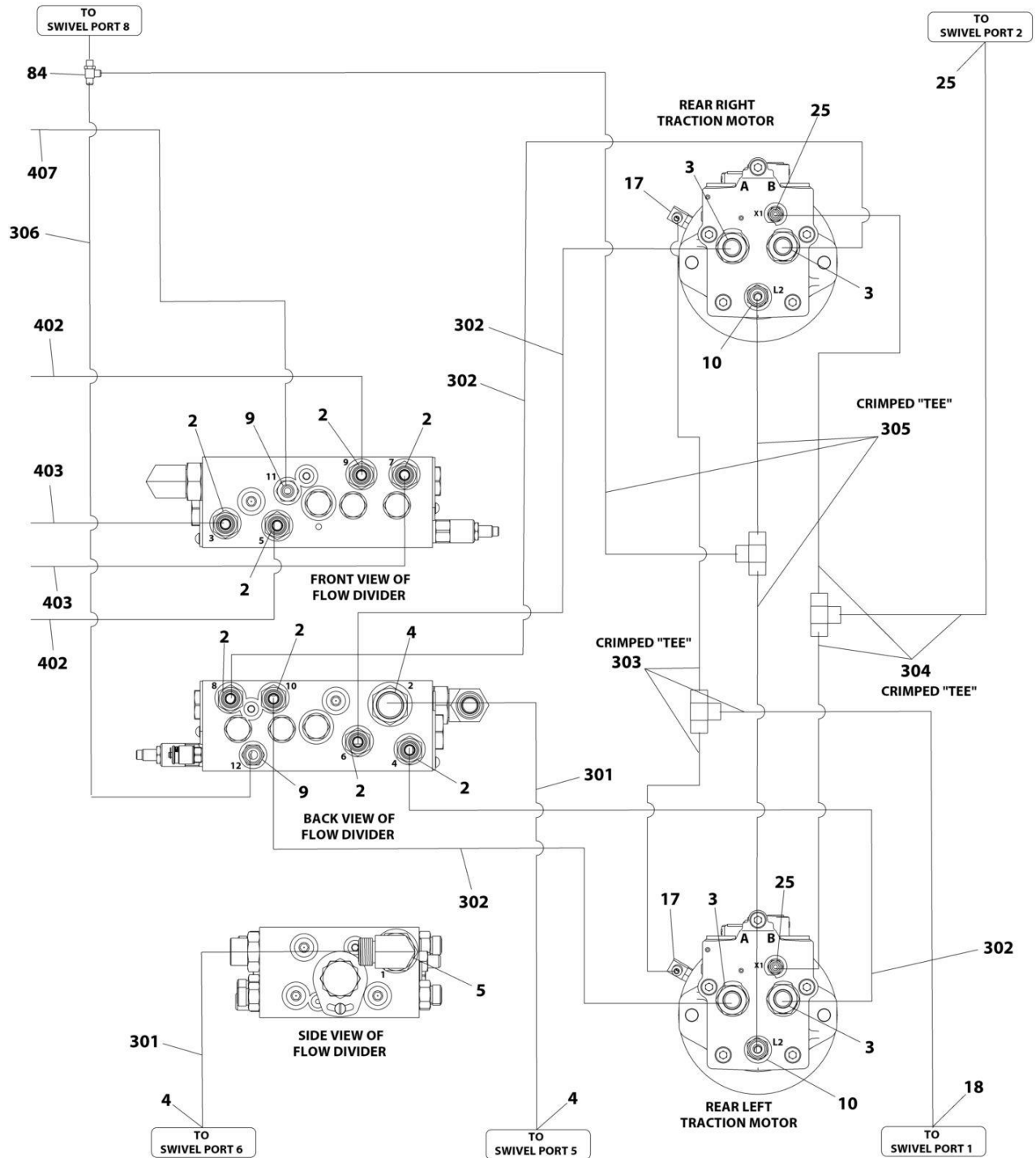
SECTION 7 - HYDRAULIC

FIGURE 7-4. 460SJ 4WD HYDRAULIC SYSTEM INSTALLATION (ALL MACHINES)



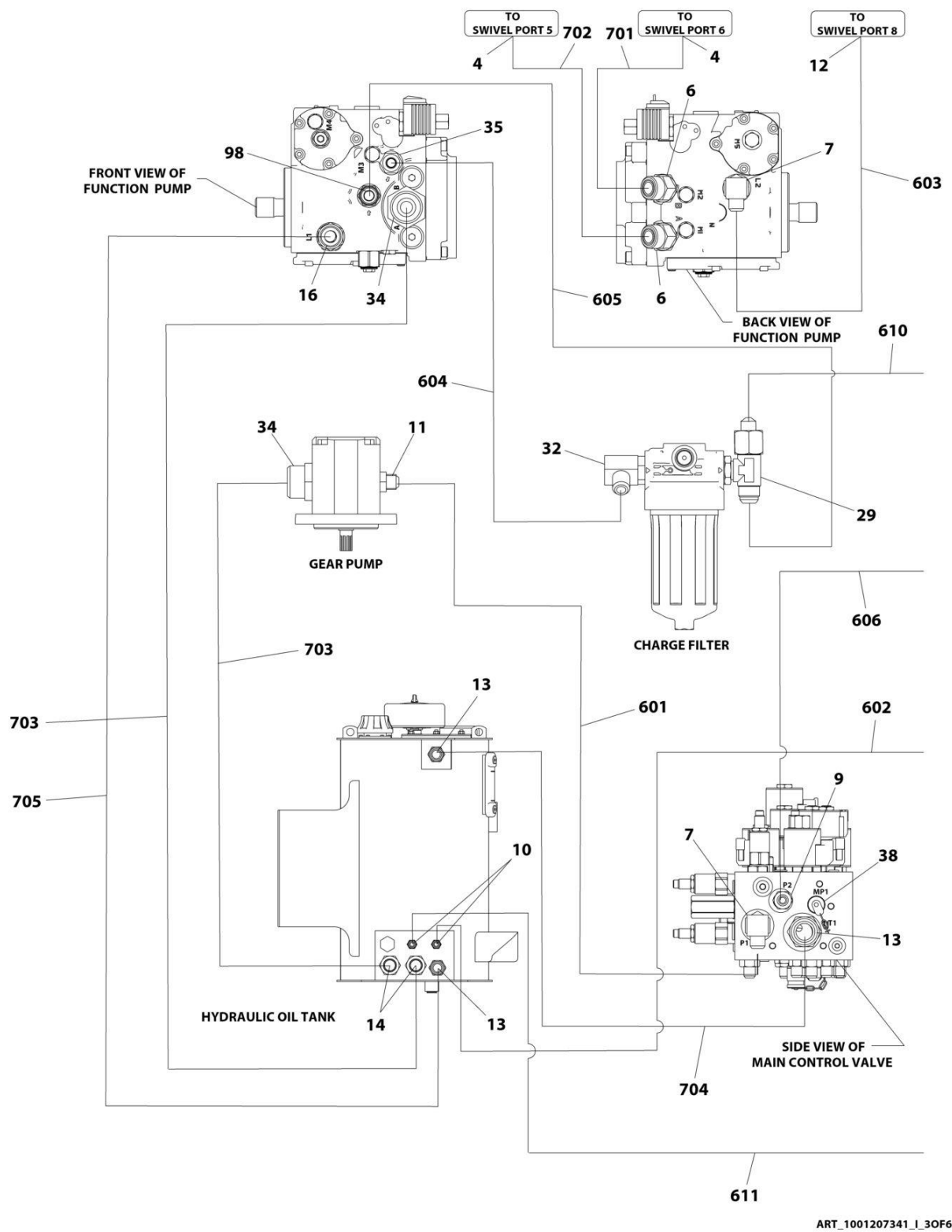
ART_1001207341_I_1OF6

SECTION 7 - HYDRAULIC

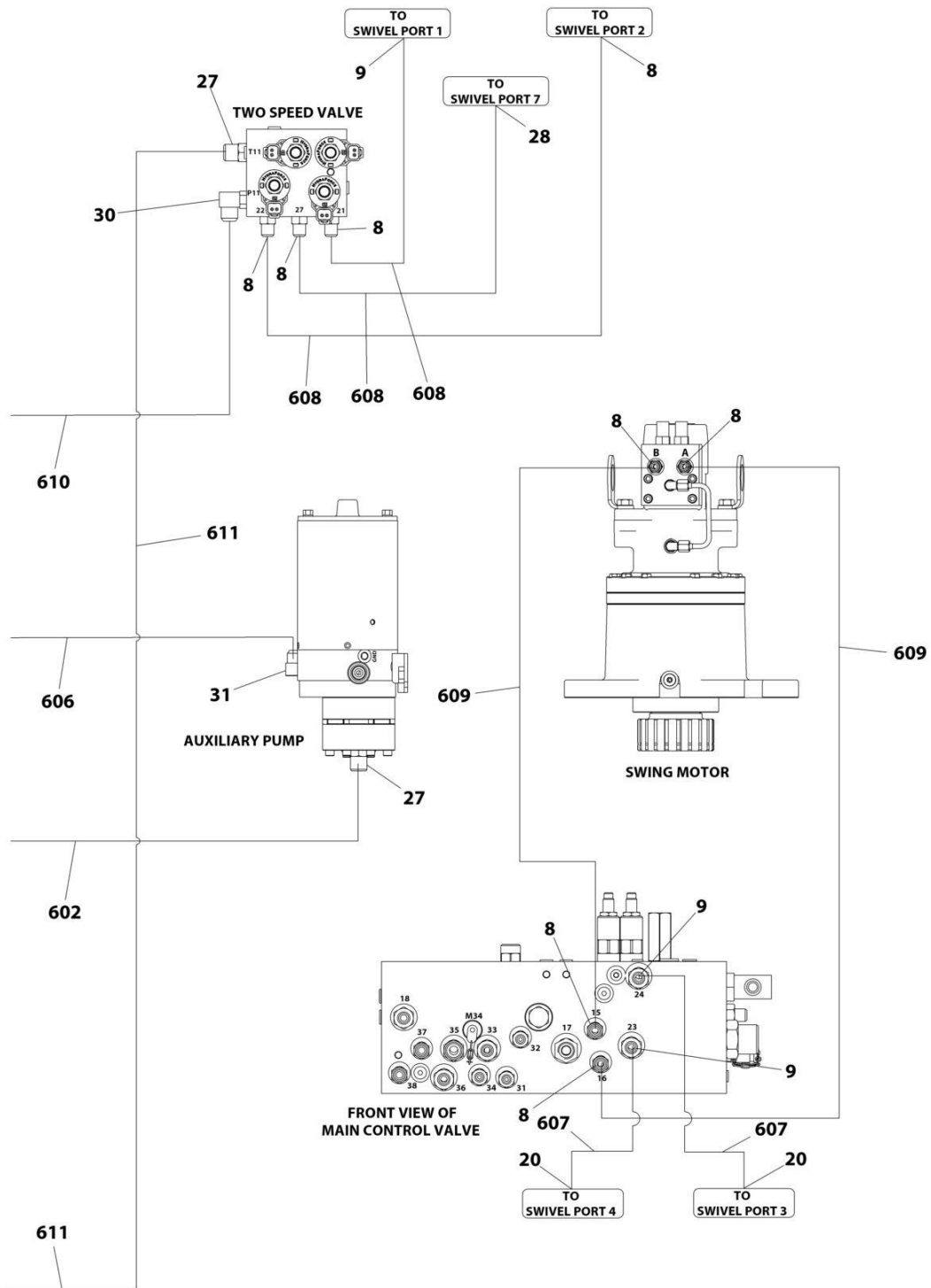


ART_1001207341_I_20F6

SECTION 7 - HYDRAULIC

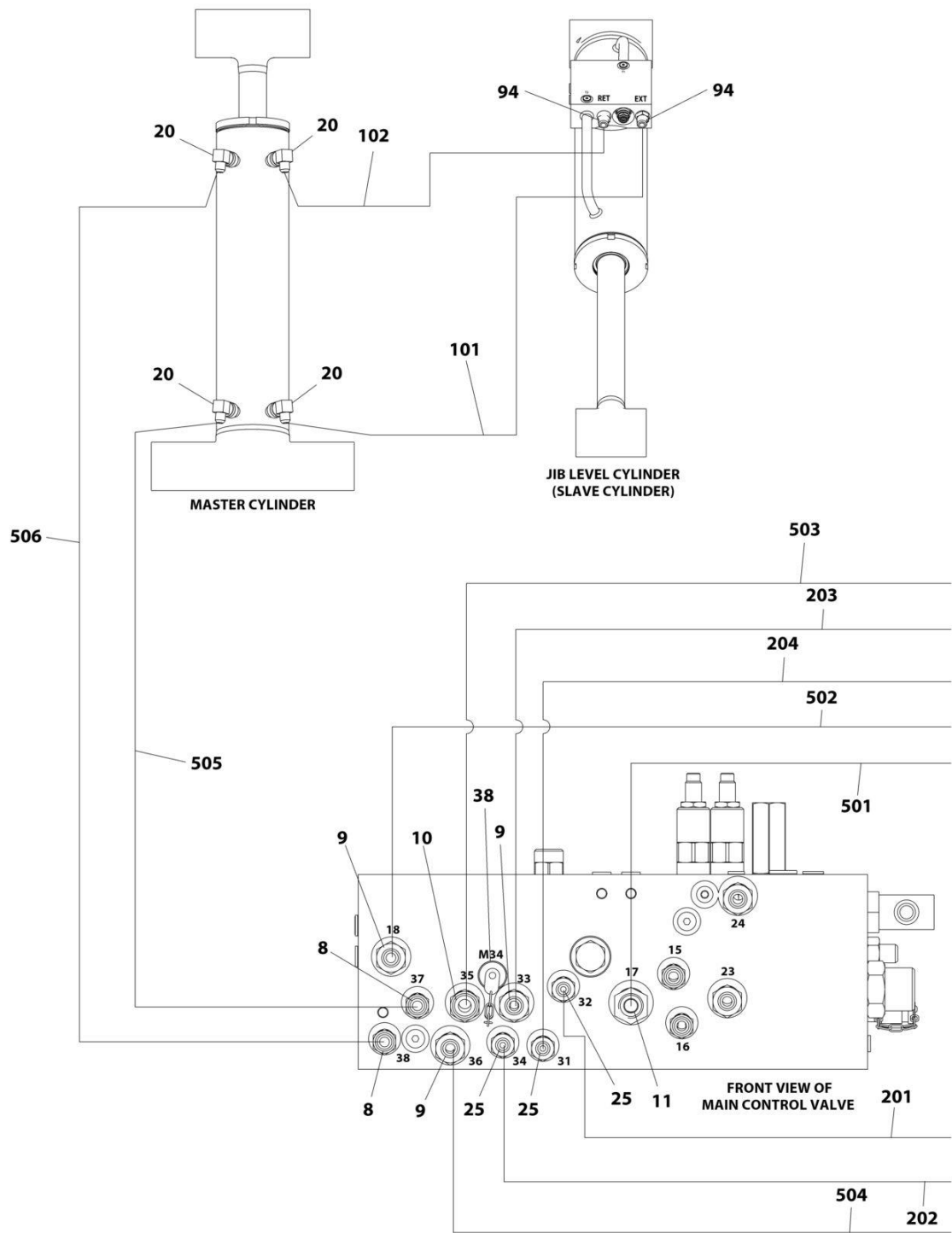


SECTION 7 - HYDRAULIC



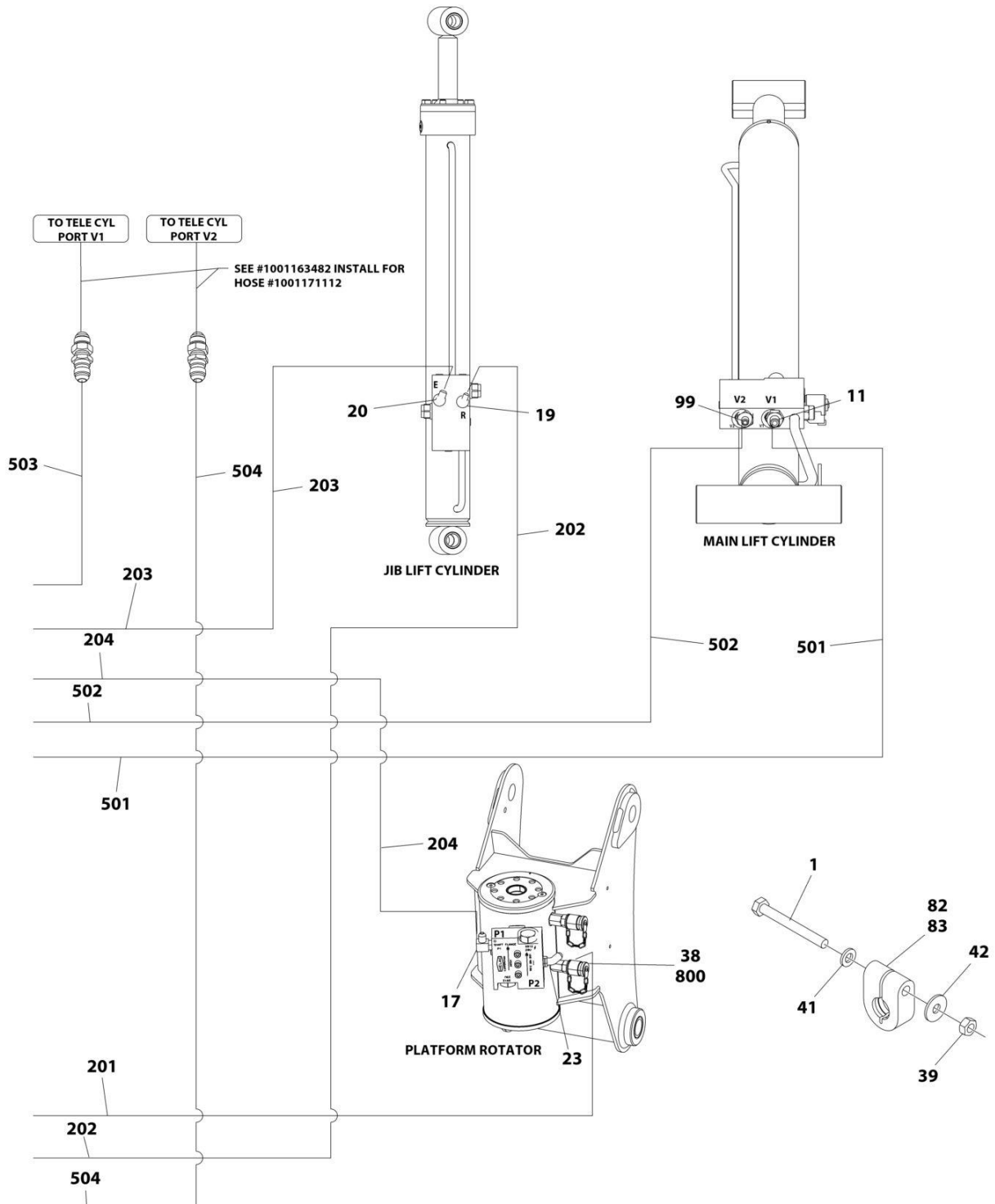
ART_1001207341_I_4OF6

SECTION 7 - HYDRAULIC



ART_1001207341_I_50F6

SECTION 7 - HYDRAULIC



ART_1001207341_I_60F6

SECTION 7 - HYDRAULIC

FIGURE 7-4. 460SJ 4WD HYDRAULIC SYSTEM INSTALLATION (ALL MACHINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207341	Ref	460SJ 4WD HYDRAULIC SYSTEM INSTALLATION	I
1	0760619	2	Bolt, M6 x 55	
2	2110810	8	Fitting, Straight ORFS/ORB	
3	2110812	8	Fitting, Straight ORFS/ORB	
4	2111216	5	Fitting, Straight ORFS/ORB	
5	2131216	1	Fitting, 90 ORFS/ORB	
6	2131212	2	Fitting, 90 ORFS/ORB	
7	2220366	2	Fitting, 90 JIC/ORB	
8	2220371	10	Fitting, Straight JIC/ORB	
9	2220372	9	Fitting, Straight JIC/ORB	
10	2220373	5	Fitting, Straight JIC/ORB	
11	2220374	AR	Fitting, Straight JIC/ORB	
12	2220375	AR	Fitting, Straight JIC/ORB	
13	2220377	3	Fitting, Straight JIC/ORB	
14	1001202910	2	Fitting, Straight MORB	
16	2220451	1	Fitting, Straight JIC/ORB	
17	2220466	3	Fitting, 90 JIC/ORB	
18	2220468	2	Fitting, Straight JIC/ORB	
19	2220472	1	Fitting, 90 JIC/ORB	
20	2220473	9	Fitting, 90 JIC/ORB	
21	2220500	2	Fitting, 45 JIC/ORB	
22	2220501	2	Fitting, 45 JIC/ORB	
23	2220502	1	Fitting, 45 JIC/ORB	
25	2220582	6	Fitting, Straight JIC/ORB	
26	2220596	2	Fitting, 90 JIC/ORB	
27	2220600	2	Fitting, Straight JIC/ORB	
28	2220628	1	Fitting, 90 JIC/ORB	
29	2220695	1	Fitting, Tee JIC/ORB/JIC	
30	2220726	1	Fitting, 90 JIC/ORB	
31	2220775	1	Fitting, 90 JIC/ORB	
32	2220906	1	Fitting, 90 JIC/ORB	
33	2220923	2	Fitting, Straight JIC/ORB	
34	2220946	2	Fitting, Straight JIC/ORB	
35	2220947	AR	Fitting, Straight JIC/ORB	
36	2220998	2	Fitting, Straight JIC/ORB	
37	2221040	2	Fitting, 45 JIC/ORB	
38	2221086	4	Fitting, Diagnostic Test Port	
39	3290601	2	Nut, M6 x 1	
40	4240018	23	Tie-Strap (Not Shown)	
41	4811700	2	Washer, M6	
42	4811702	2	Washer, M6	
72	1001175024	1	Fitting, Tee JIC/JIC/ORB	
82	1001191275	1	Clamp	
83	1001191276	1	Clamp	
84	1001197272	1	Fitting, Tee JIC/ORB/JIC	
94	2220603	AR	Fitting, Straight JIC/ORB	
97	1001275635	2	Clamp (Not Shown)	
98	88662037	1	Fitting, Straight JIC/ORB	
99	2220497	1	Fitting, Straight JIC/ORB	
100	1001202940	1	Kit, Upper Boom (Not Shown)	

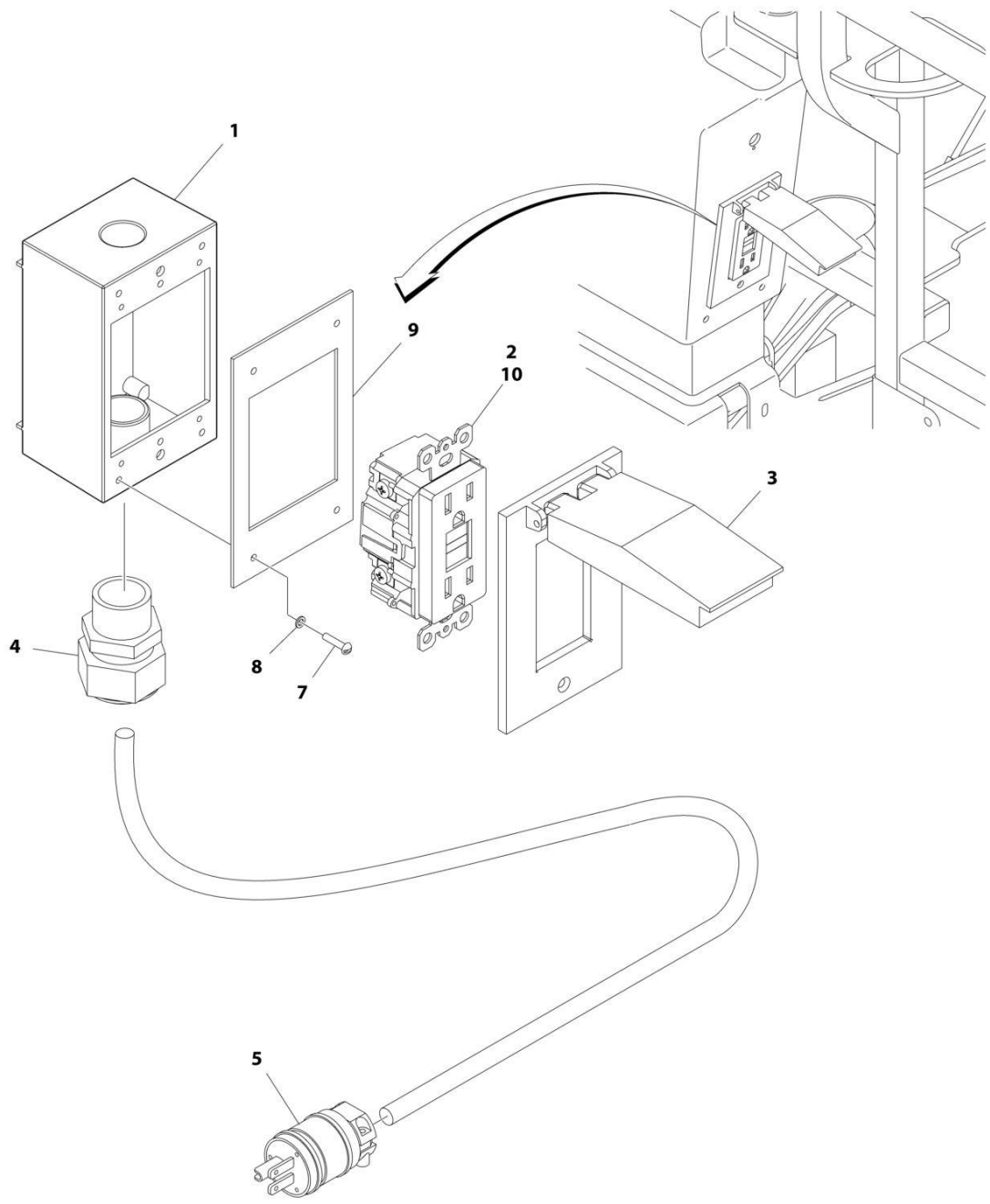
SECTION 7 - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	1001173909	1	Hose	
102	1001173937	1	Hose	
200	1001202942	1	Kit, S Boom (Not Shown)	
201	1001173905	1	Hose	
202	1001173906	1	Hose	
203	1001181076	1	Hose	
204	1001181077	1	Hose	
300	1001202943	1	Kit, Chassis Rear Hose (Not Shown)	
301	1001172695	2	Hose	
302	1001172697	4	Hose	
303	1001184561	1	Hose	
304	1001184562	1	Hose	
305	1001184563	1	Hose	
306	1001197284	1	Hose	
400	1001202944	1	Kit, Chassis Front Hose (Not Shown)	
401	1001172692	2	Hose	
402	1001172698	2	Hose	
403	1001172699	2	Hose	
404	1001172703	2	Hose	
405	1001172707	2	Hose	
406	1001184542	1	Hose	
407	1001184543	1	Hose	
500	1001202946	1	Kit, Turntable Hosing (Not Shown)	
501	1001173901	1	Hose	
502	1001173902	1	Hose	
503	1001173903	1	Hose	
504	1001173904	1	Hose	
505	1001173907	1	Hose	
506	1001173908	1	Hose	
600	1001252922	1	Kit, Turntable Hosing (Not Shown)	
601	2752500	1	Hose	
602	1001172716	1	Hose	
603	1001172717	1	Hose	
604	1001172718	1	Hose	
605	1001172719	1	Hose	
606	1001172721	1	Hose	
607	1001172722	2	Hose	
608	1001172723	3	Hose	
609	1001173900	2	Hose	
610	1001181075	1	Hose	
611	1001193654	1	Hose	
700	1001252923	1	Kit, Turntable Hosing (Not Shown)	
701	1001173898	1	Hose	
702	1001181074	1	Hose	
703	1001207332	1	Hose	
704	1001207333	1	Hose	
705	1001216655	1	Hose	
800	2060404	2	Fitting, Straight FORB/ORB	

SECTION 8 - ELECTRICAL

SECTION 8 - ELECTRICAL

FIGURE 8-1. AC BOX AT PLATFORM INSTALLATION - 110V (ANSI, ANSI EXPORT(HRC), CSA AND JAPANESE SPECS)



ART_0270022

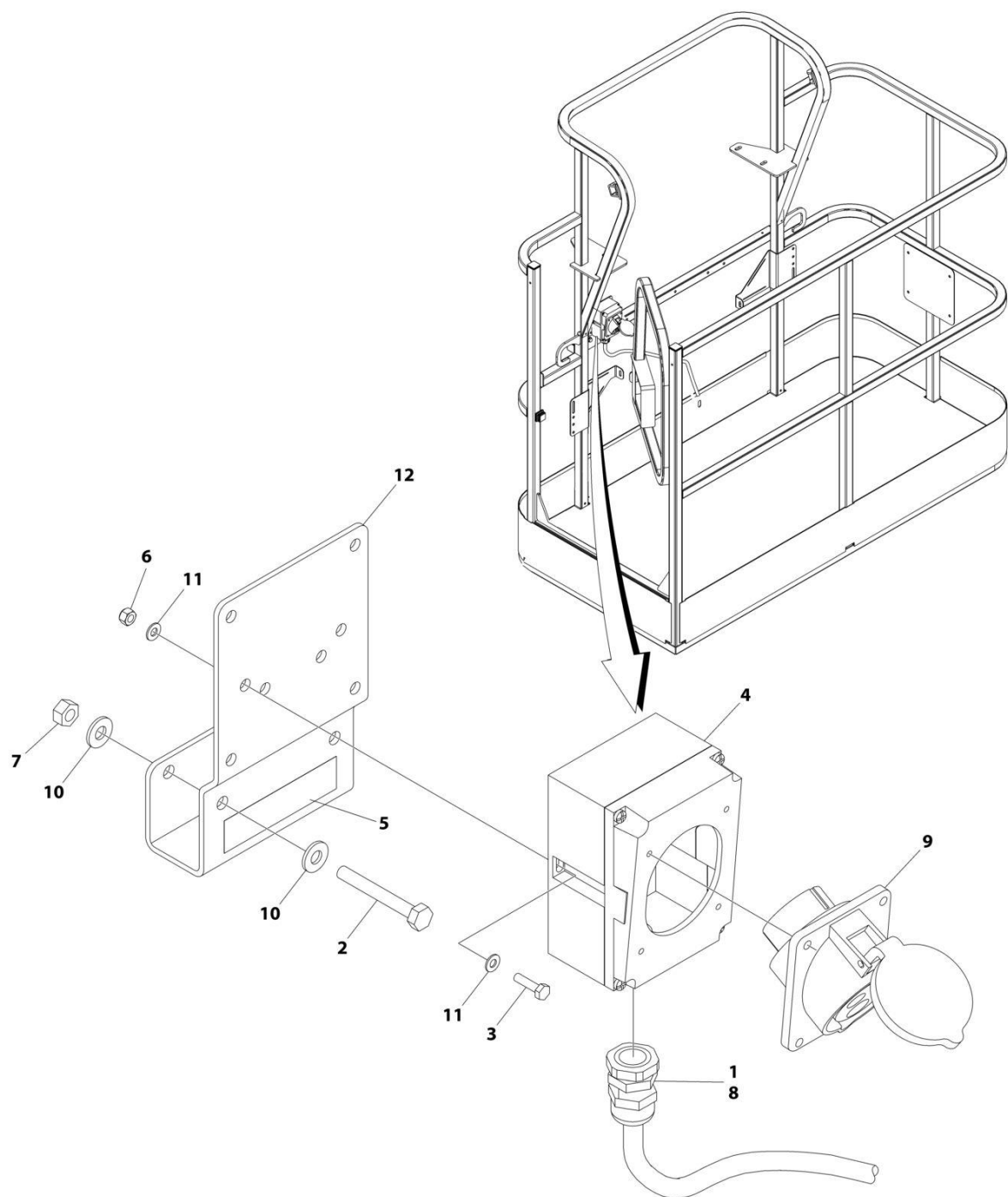
SECTION 8 - ELECTRICAL

FIGURE 8-1. AC BOX AT PLATFORM INSTALLATION - 110V (ANSI, ANSI EXPORT(HRC), CSA AND JAPANESE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270022	Ref	AC BOX AT PLATFORM INSTALLATION - 110V	4-B
1	0860038	1	Box, Switch	
2	4460346	1	Receptacle	
3	1001110873	1	Shield, Cover	
4	4460071	1	Connector, Strain Relief	
5	4460205	1	Plug, Male	
7	3910610	4	Screw #6 x 5/8	
8	4760600	4	Washer #6	
9	3960422	1	Gasket	
10	4460315	1	Terminal, Spade	

SECTION 8 - ELECTRICAL

FIGURE 8-2. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE & UK CA SPECS WITH 4000W/50HZ GENERATOR)



ART_1001194203

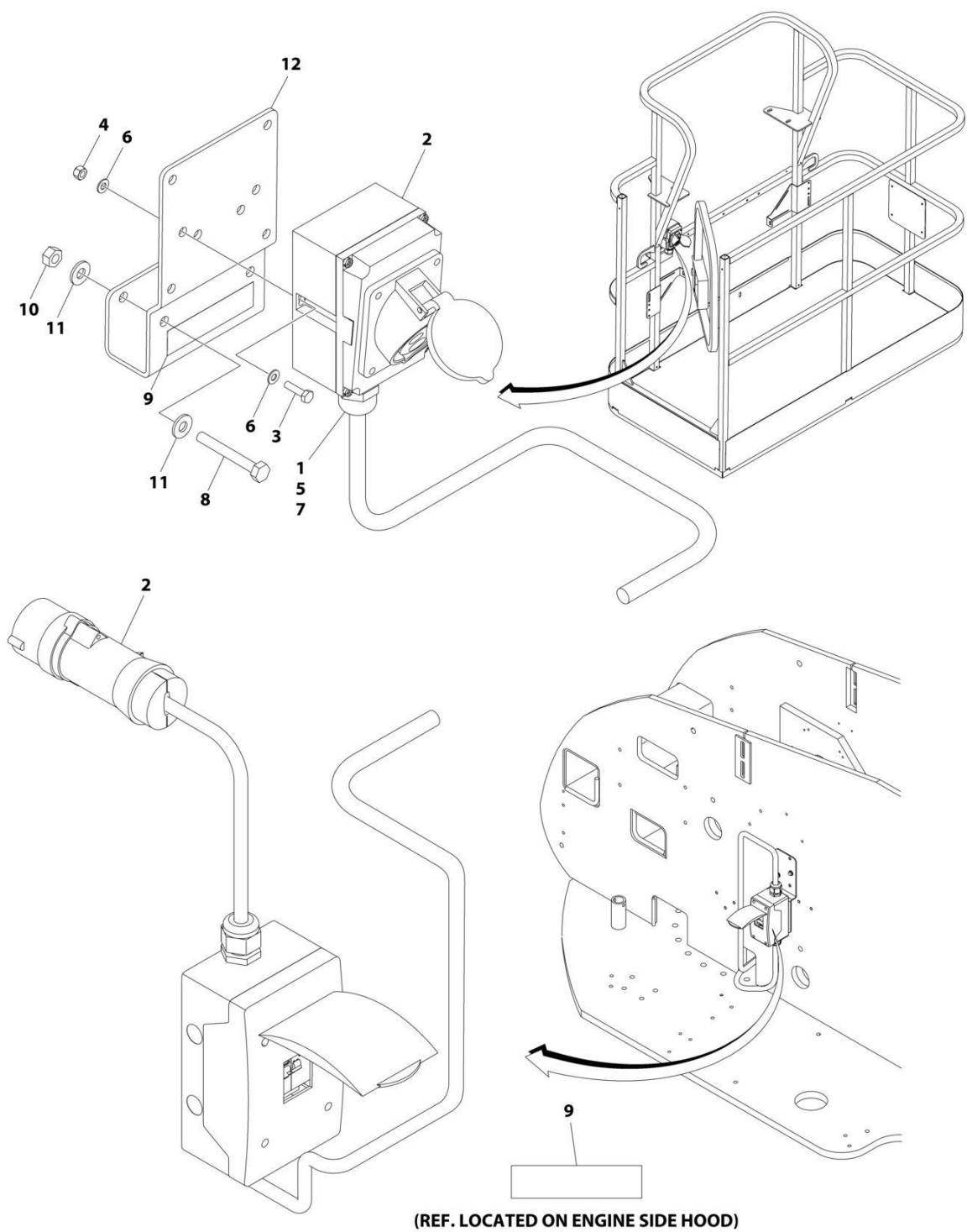
SECTION 8 - ELECTRICAL

FIGURE 8-2. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE & UK CA SPECS WITH 4000W/50HZ GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194203	Ref	AC BOX AT PLATFORM INSTALLATION	B
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	4460968	1	Connector, Strain Relief	
9	4461198	1	Receptacle	
10	4711400	4	Washer 1/4	
11	4811400	4	Washer M4	
12	1001193018	1	Bracket, AC Receptacle	

SECTION 8 - ELECTRICAL

FIGURE 8-3. AC BOX AT PLATFORM - 110V IEC YELLOW (CE & UK CA SPEC WITHOUT GENERATOR)



ART_1001091969

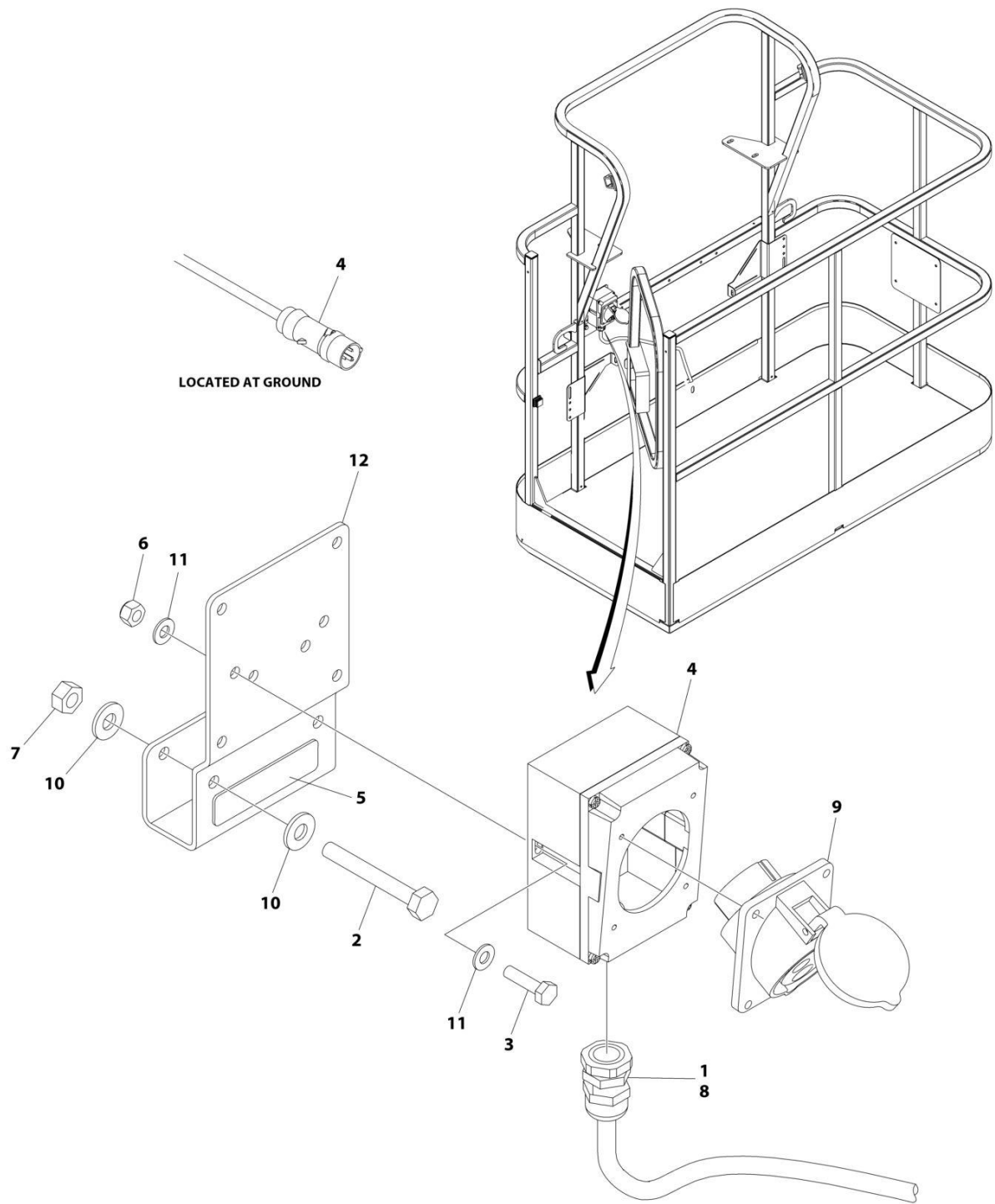
SECTION 8 - ELECTRICAL

FIGURE 8-3. AC BOX AT PLATFORM - 110V IEC YELLOW (CE & UK CA SPEC WITHOUT GENERATOR)

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 8-4. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE & UK CA SPECS WITH 4000W/50HZ GENERATOR)



ART_1001194204

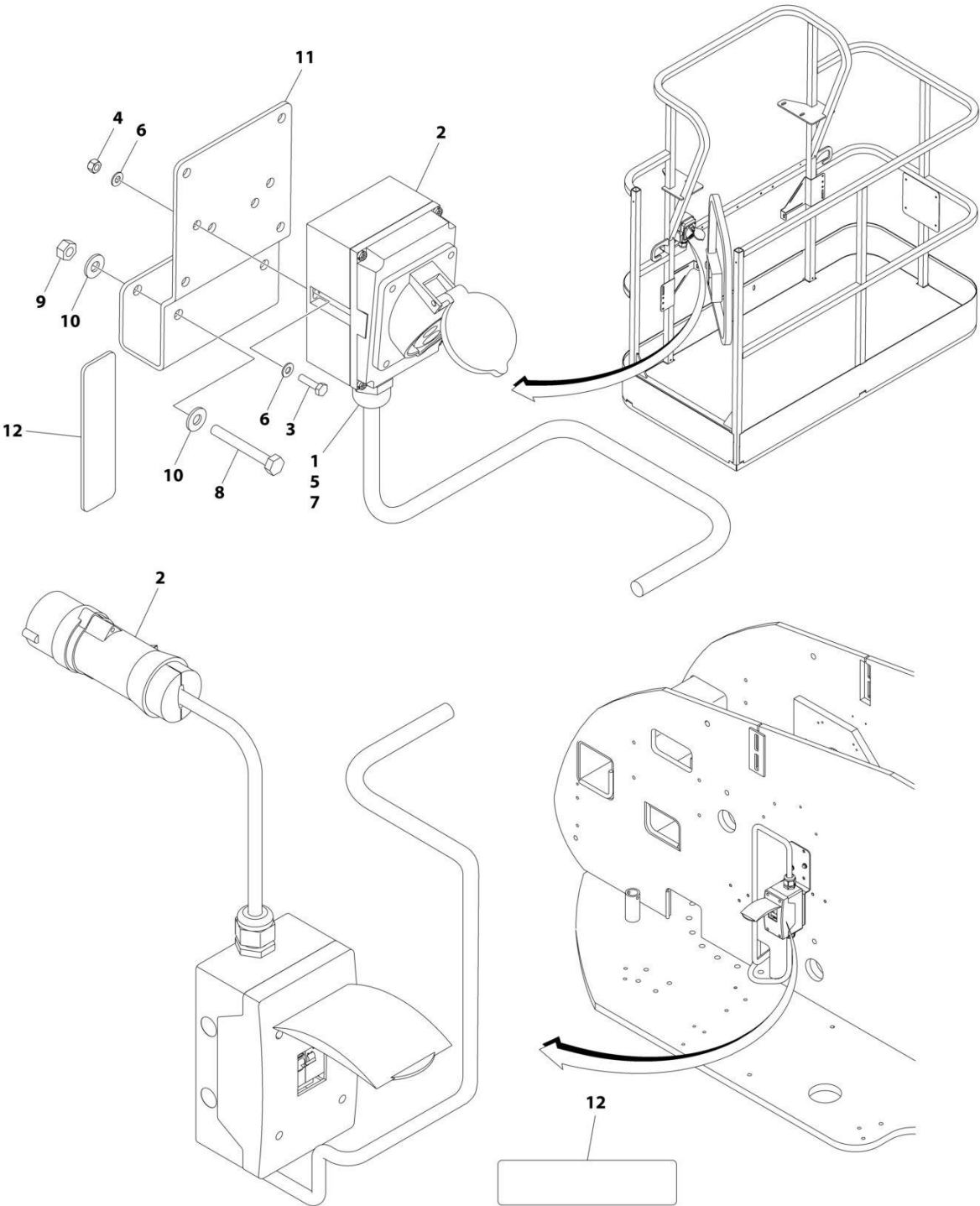
SECTION 8 - ELECTRICAL

FIGURE 8-4. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE & UK CA SPECS WITH 4000W/50HZ GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194204	Ref	AC BOX AT PLATFORM INSTALLATION	B
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	4460968	1	Connector, Strain Relief	
9	4461201	1	Receptacle	
10	4711400	4	Washer 1/4	
11	4811400	4	Washer M4	
12	1001193018	1	Bracket, AC Receptacle	

SECTION 8 - ELECTRICAL

FIGURE 8-5. AC BOX AT PLATFORM - 220V IEC BLUE (CE & UK CA SPEC WITHOUT GENERATOR)



(REF. LOCATED ON ENGINE SIDE HOOD)

ART_1001091970

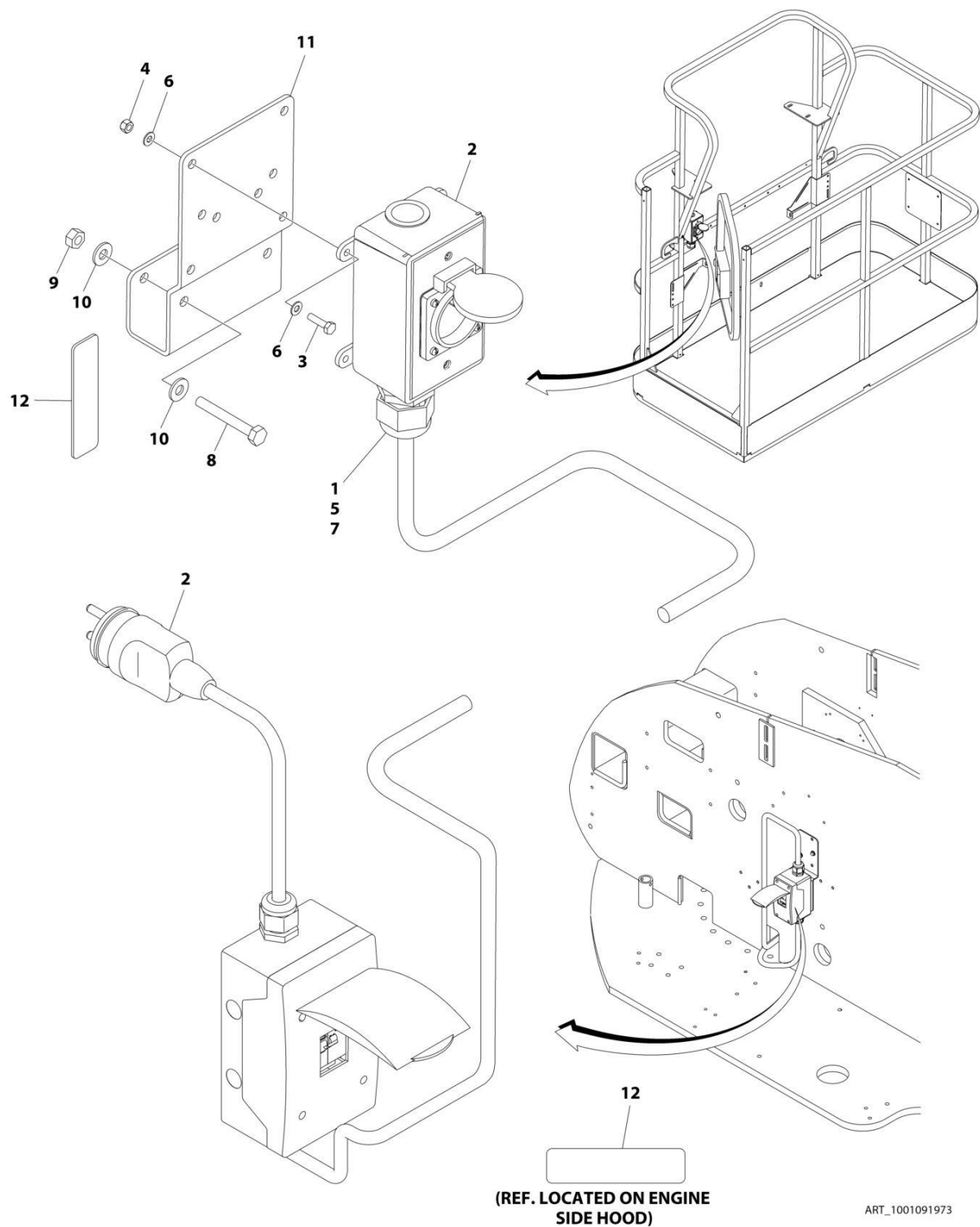
SECTION 8 - ELECTRICAL

FIGURE 8-5. AC BOX AT PLATFORM - 220V IEC BLUE (CE & UK CA SPEC WITHOUT GENERATOR)

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 8-6. AC BOX AT PLATFORM - 220V CEE7 2IN X 4IN POST GROUND (CE & UK CA SPEC WITHOUT GENERATOR)



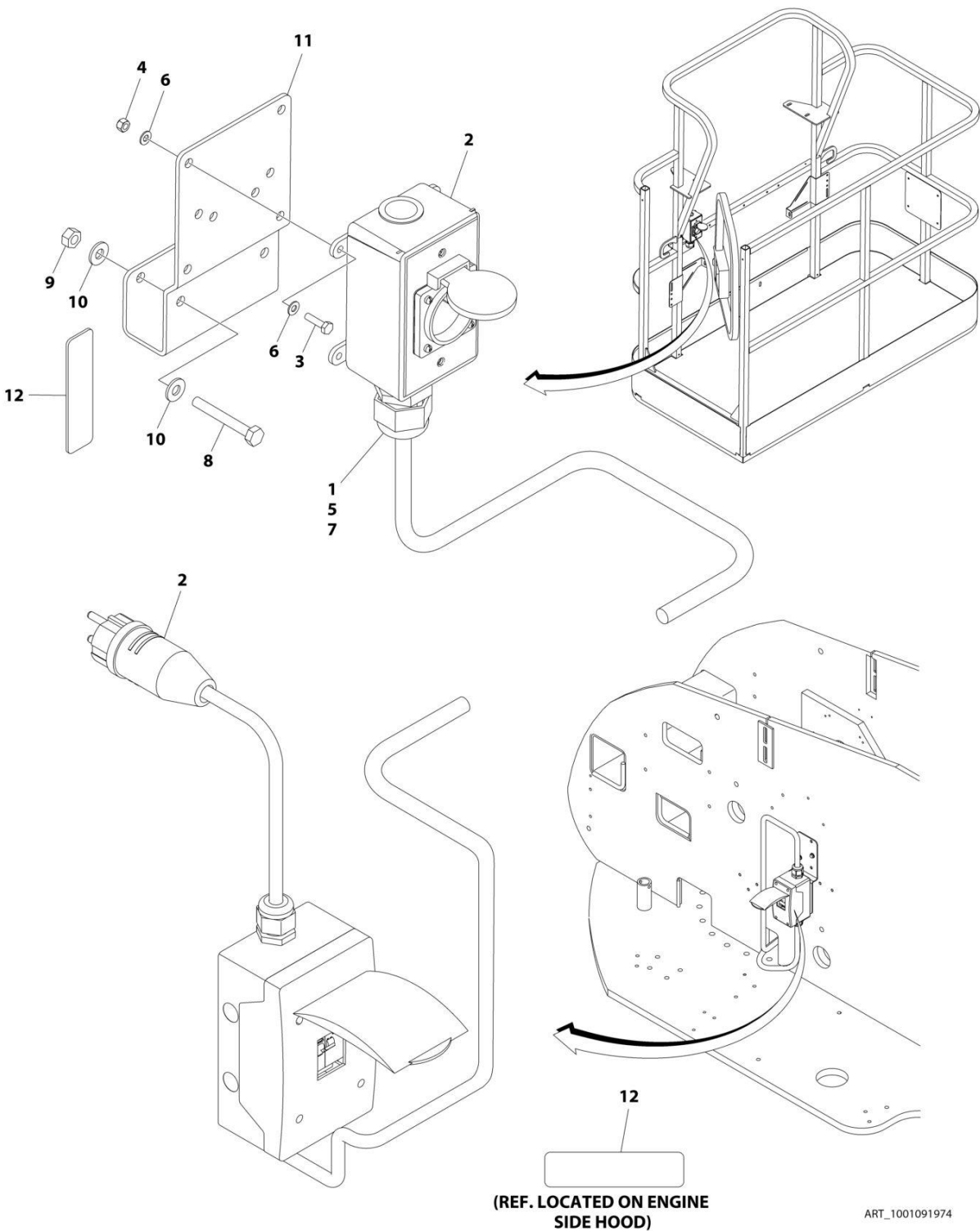
SECTION 8 - ELECTRICAL

FIGURE 8-6. AC BOX AT PLATFORM - 220V CEE7 2IN X 4IN POST GROUND (CE & UK CA SPEC WITHOUT GENERATOR)

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 8-7. AC BOX AT PLATFORM - 220V CEE7 2IN X 4IN SIDE GROUND (CE & UK CA SPEC WITHOUT GENERATOR)



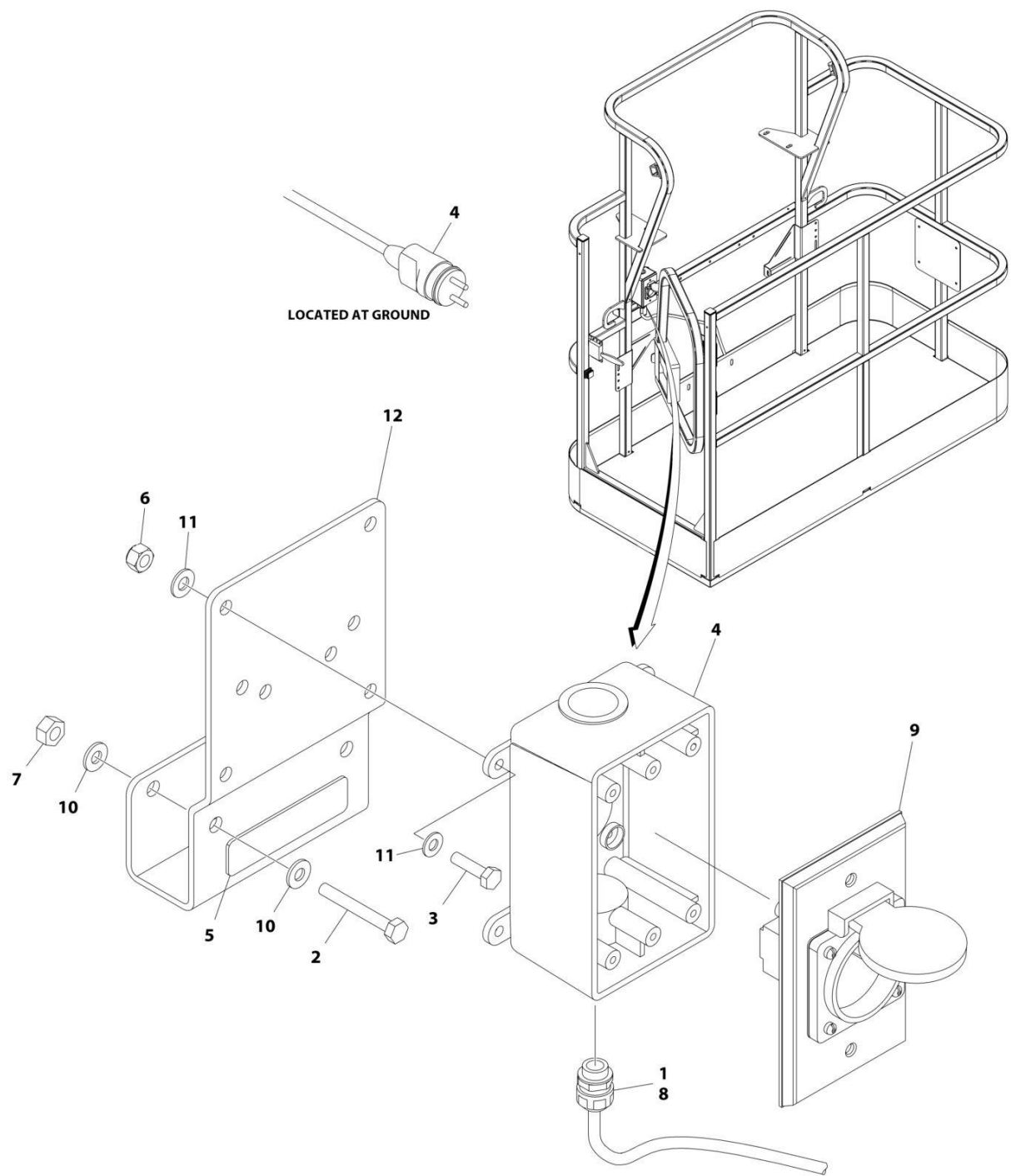
SECTION 8 - ELECTRICAL

FIGURE 8-7. AC BOX AT PLATFORM - 220V CEE7 2IN X 4IN SIDE GROUND (CE & UK CA SPEC WITHOUT GENERATOR)

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 8-8. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2IN X 4IN POST GROUND (CE & UK CA SPECS WITH 4000W/50HZ GENERATOR)



ART_1001194197

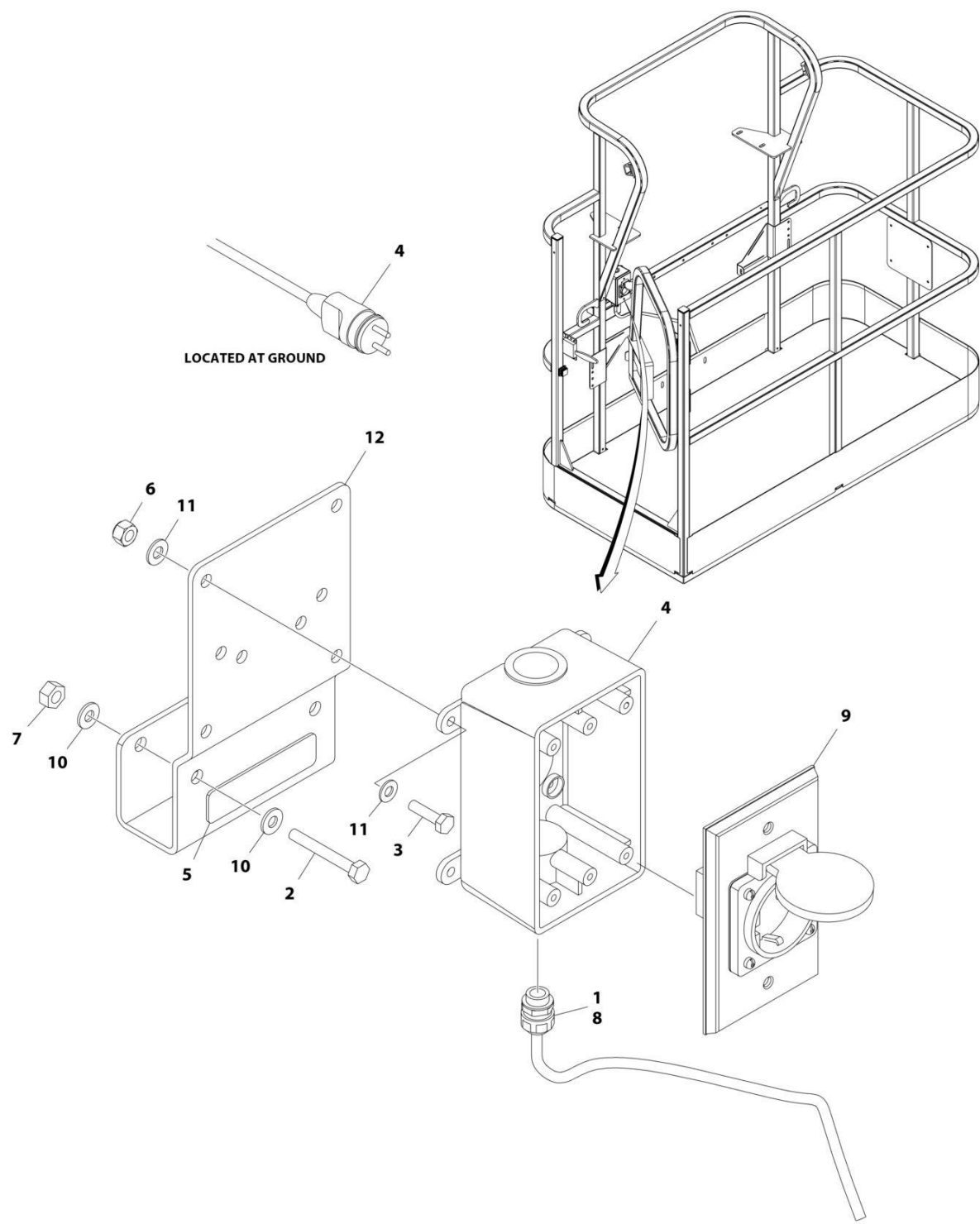
SECTION 8 - ELECTRICAL

FIGURE 8-8. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2IN X 4IN POST GROUND (CE & UK CA SPECS WITH 4000W/50HZ GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194197	Ref	AC BOX AT PLATFORM INSTALLATION	B
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	4460662	1	Connector, Strain Relief	
9	4461244	1	Receptacle	
10	4711400	4	Washer 1/4	
11	4811400	8	Washer M4	
12	1001193018	1	Bracket, AC Receptacle	
13	4460806	2	Terminal, Fork (Not Shown)	
14	1001205958	1	Terminal (Not Shown)	

SECTION 8 - ELECTRICAL

FIGURE 8-9. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2IN X 4IN SIDE GROUND (CE & UK CA SPECS WITH 4000W/50HZ GENERATOR)



ART_1001194198

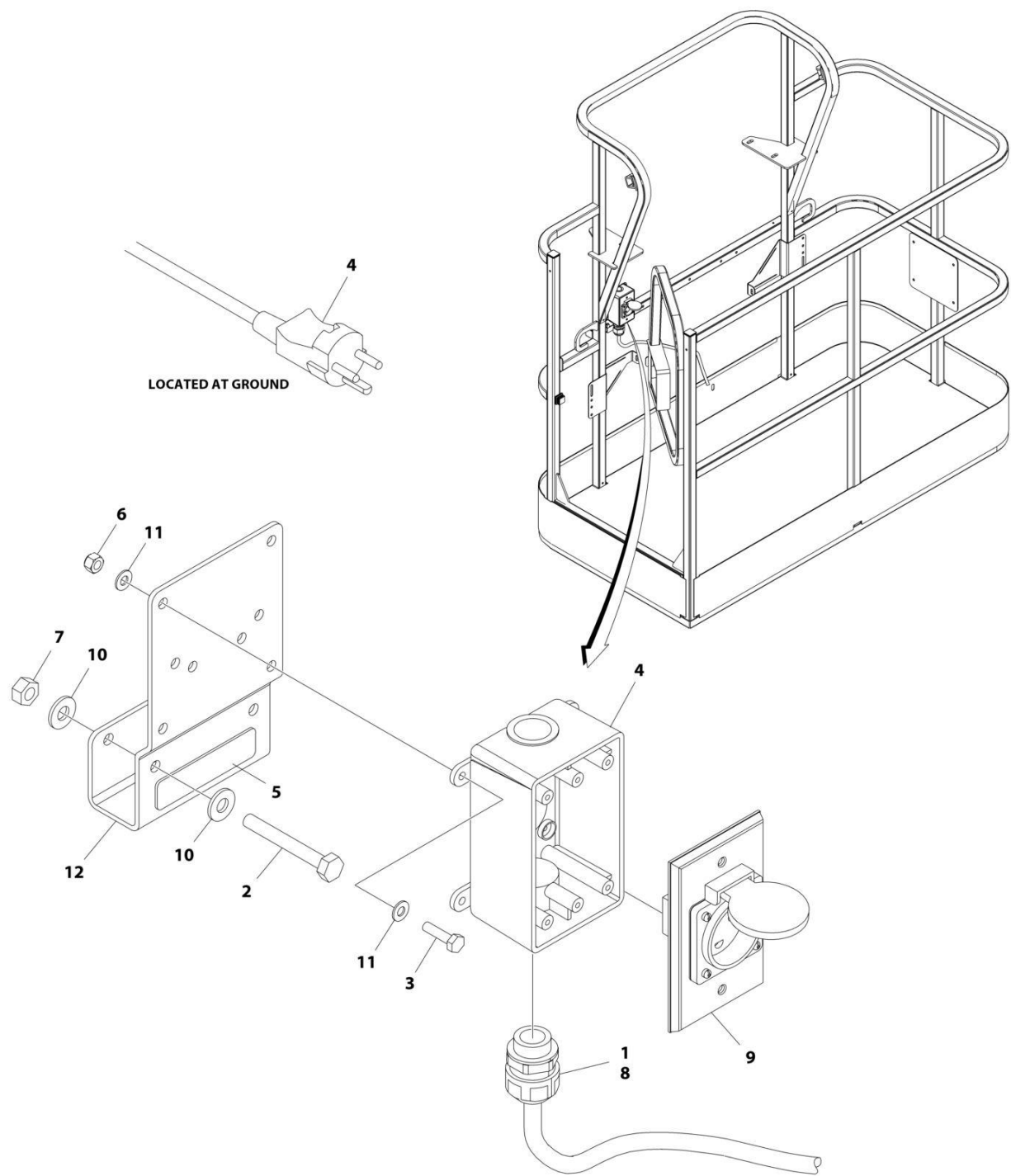
SECTION 8 - ELECTRICAL

FIGURE 8-9. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2IN X 4IN SIDE GROUND (CE & UK CA SPECS WITH 4000W/50HZ GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194198	Ref	AC BOX AT PLATFORM INSTALLATION	B
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	4460662	1	Connector, Strain Relief	
9	4461245	1	Receptacle	
10	4711400	4	Washer 1/4	
11	4811400	8	Washer M4	
12	1001193018	1	Bracket, AC Receptacle	
13	4460806	2	Terminal, Fork (Not Shown)	
14	1001205958	1	Terminal (Not Shown)	

SECTION 8 - ELECTRICAL

FIGURE 8-10. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT107 (CE & UK CA SPECS WITH 4000W/50HZ GENERATOR)



ART_1001194200

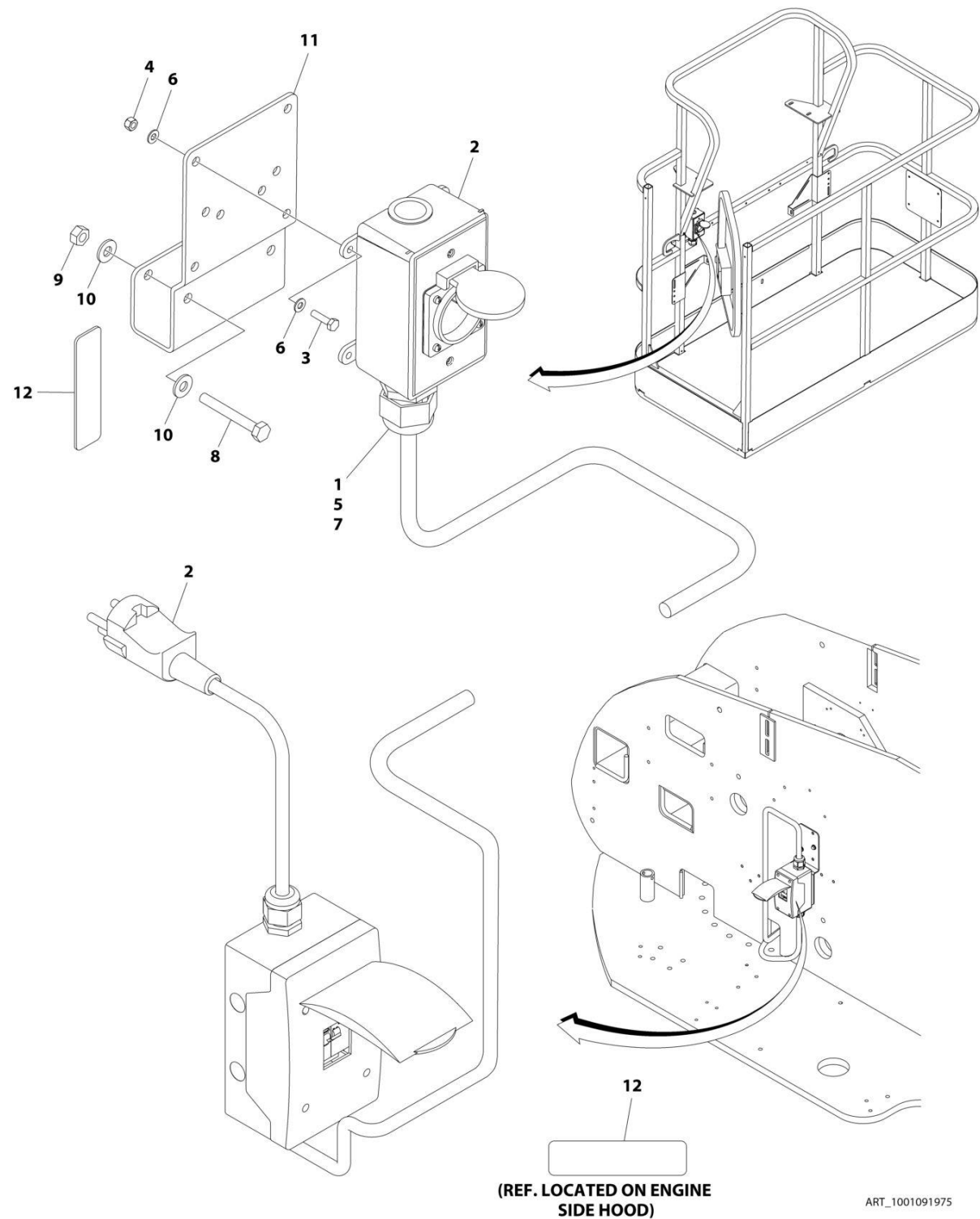
SECTION 8 - ELECTRICAL

FIGURE 8-10. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT107 (CE & UK CA SPECS WITH 4000W/50HZ GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194200	Ref	AC BOX AT PLATFORM INSTALLATION	B
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	4460662	1	Connector, Strain Relief	
9	4461246	1	Receptacle	
10	4711400	4	Washer 1/4	
11	4811400	8	Washer M4	
12	1001193018	1	Bracket, AC Receptacle	
13	1001205958	1	Terminal (Not Shown)	

SECTION 8 - ELECTRICAL

FIGURE 8-11. AC BOX AT PLATFORM - 220V AFSINT107 (CE & UK CA SPEC WITHOUT GENERATOR)



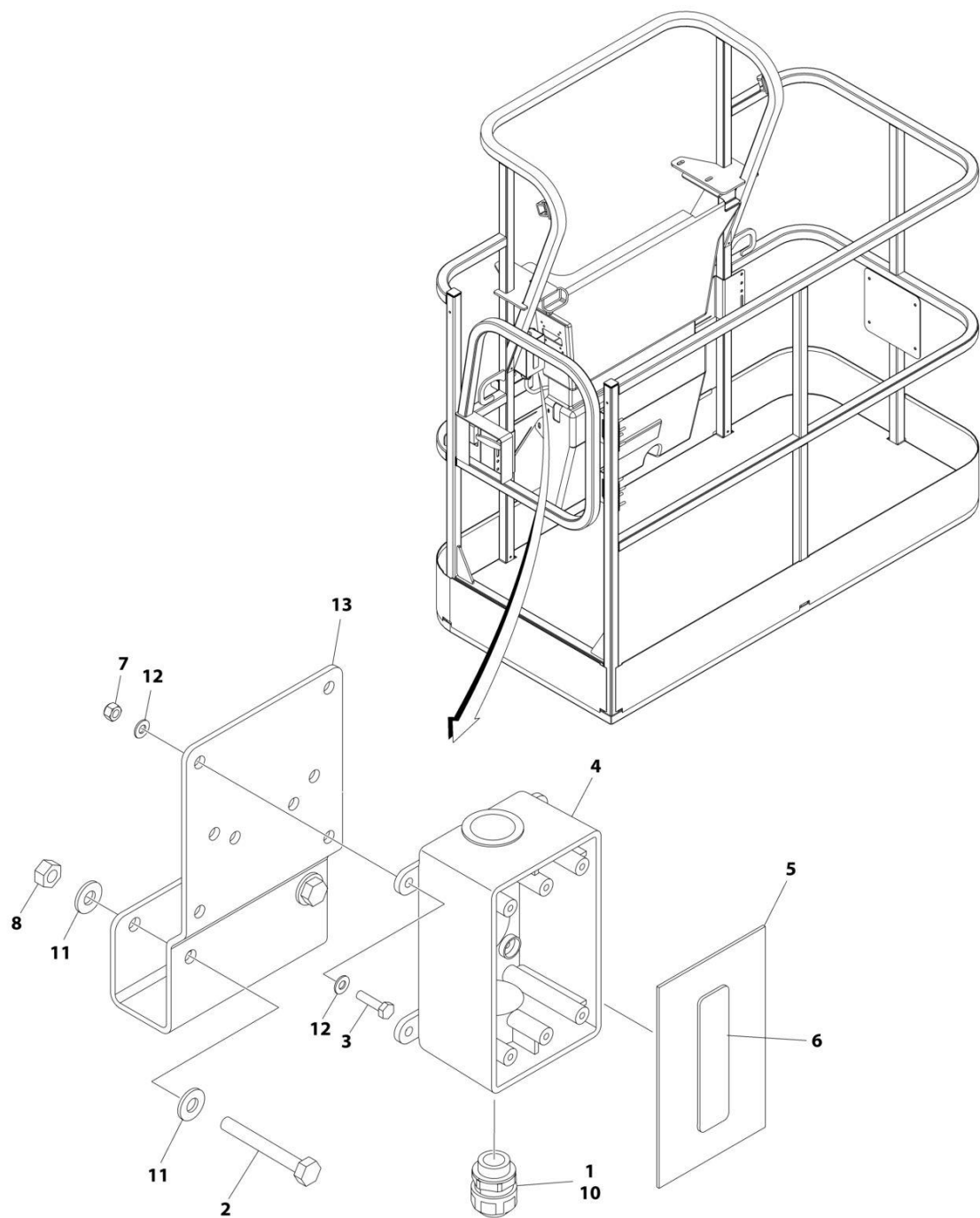
SECTION 8 - ELECTRICAL

FIGURE 8-11. AC BOX AT PLATFORM - 220V AFSINT107 (CE & UK CA SPEC WITHOUT GENERATOR)

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 8-12. AC BOX AT PLATFORM INSTALLATION - 220V CUSTOMER SUPPLIED COMPONENTS
(ALL SPECS EXCEPT CSA SPECS)



ART_1001194365

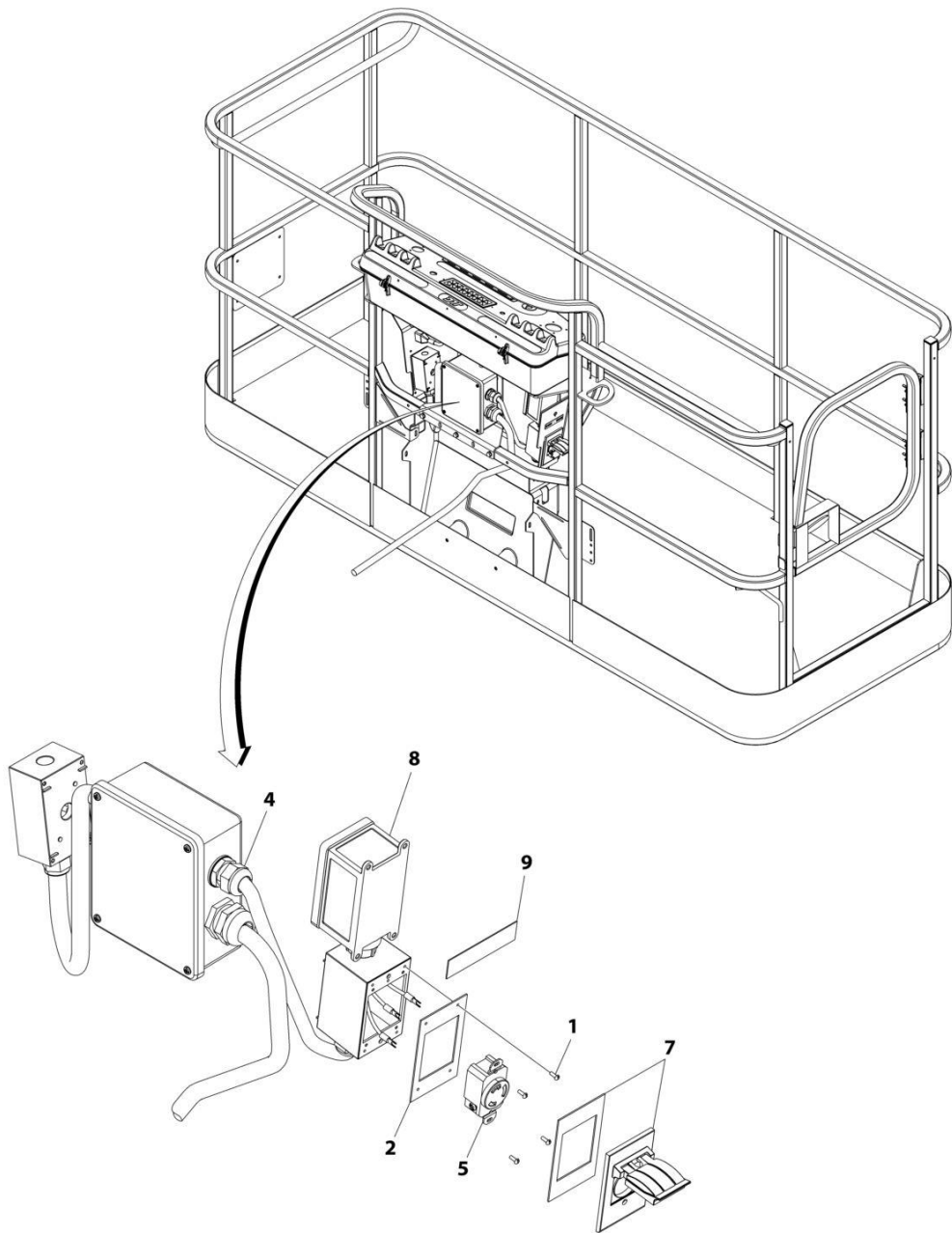
SECTION 8 - ELECTRICAL

**FIGURE 8-12. AC BOX AT PLATFORM INSTALLATION - 220V CUSTOMER SUPPLIED COMPONENTS
(ALL SPECS EXCEPT CSA SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194365	Ref	AC BOX AT PLATFORM INSTALLATION - BOX WITH COVER (2X4 BOX)	A
1	0100020	AR	Sealant	
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	
9	4460384	3	Terminal (Not Shown)	
10	4460662	1	Connector, Strain Relief	
11	4711400	4	Washer 1/4	
12	4811400	8	Washer M4	
13	1001193018	1	Bracket, AC Receptacle	

SECTION 8 - ELECTRICAL

FIGURE 8-13. AC BOX AT PLATFORM INSTALLATION - 240V (WITH 4000W GENERATOR) (ANSI, ANSI EXPORT(HRC), CSA AND JAPANESE SPECS)



ART_1001171131

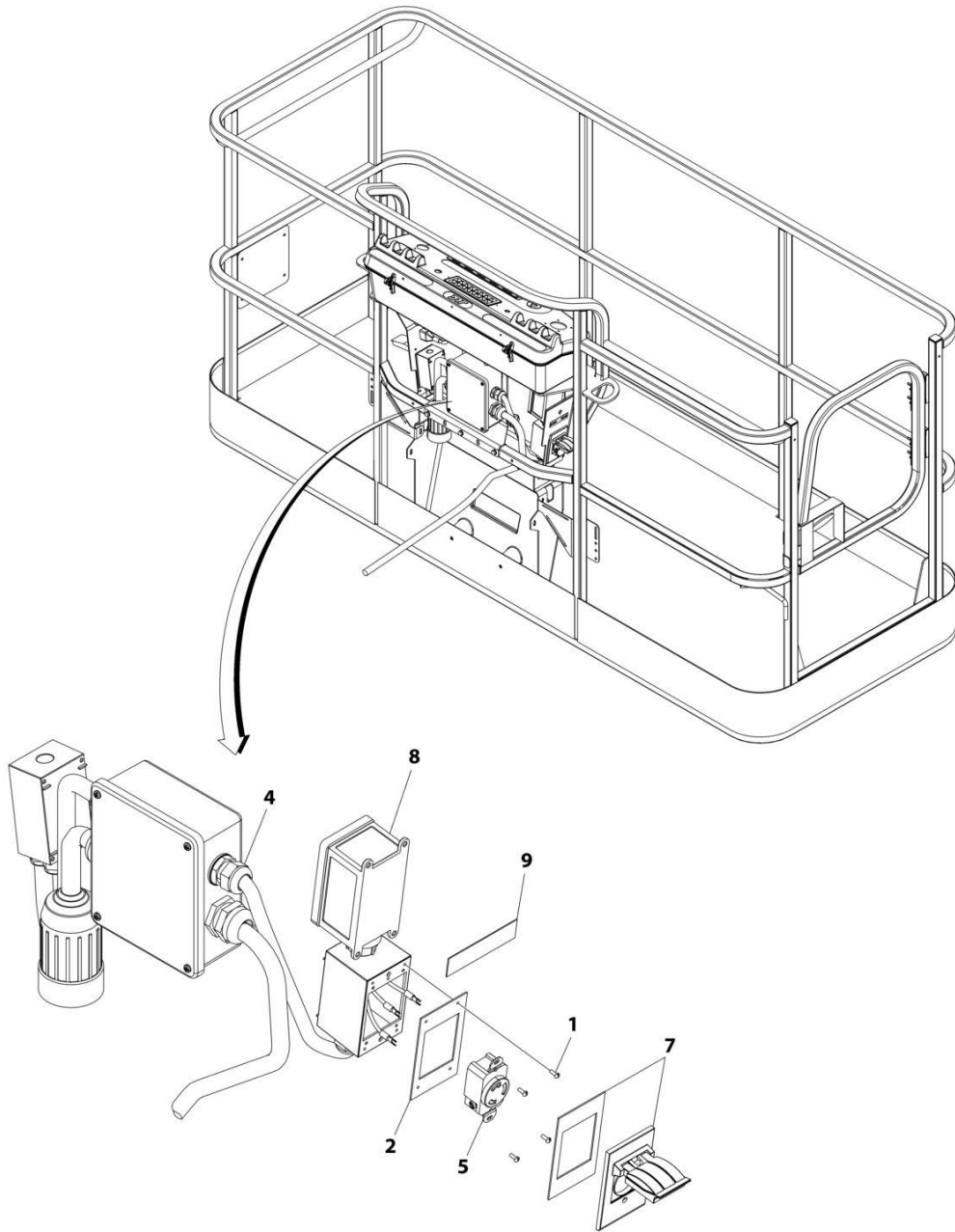
SECTION 8 - ELECTRICAL

FIGURE 8-13. AC BOX AT PLATFORM INSTALLATION - 240V (WITH 4000W GENERATOR) (ANSI, ANSI EXPORT(HRC), CSA AND JAPANESE SPECS)

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 8-14. AC BOX AT PLATFORM INSTALLATION - 240V (WITH 7500W SKYPOWER GENERATOR) (ANSI, ANSI EXPORT(HRC), CSA AND JAPANESE SPECS)



ART_1001159121

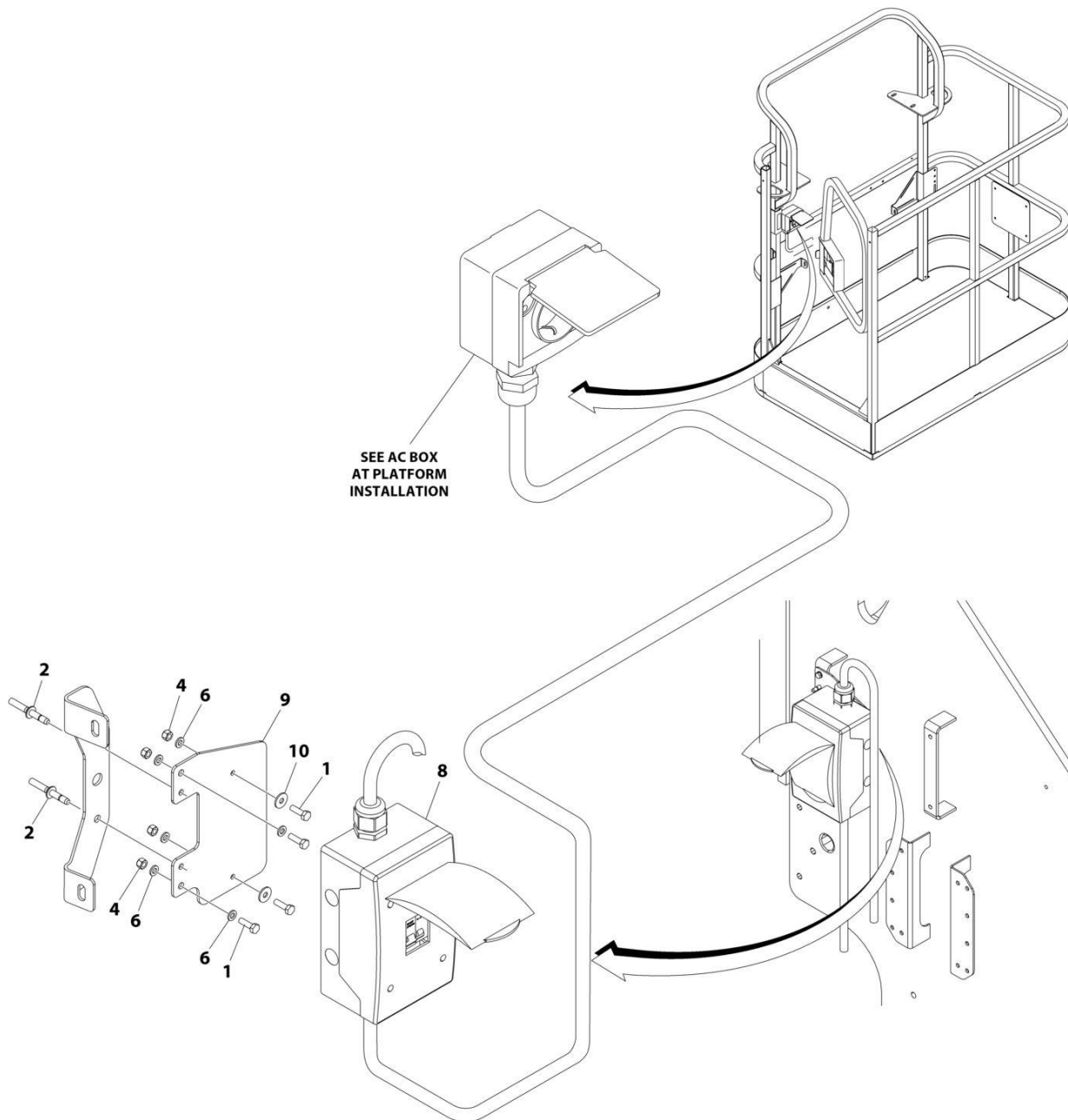
SECTION 8 - ELECTRICAL

FIGURE 8-14. AC BOX AT PLATFORM INSTALLATION - 240V (WITH 7500W SKYPOWER GENERATOR) (ANSI, ANSI EXPORT(HRC), CSA AND JAPANESE 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 8-15. AC CABLE INSTALLATION - WITH THREE BREAKERS (CE & UK CA SPECS)



ART_1001209677_B

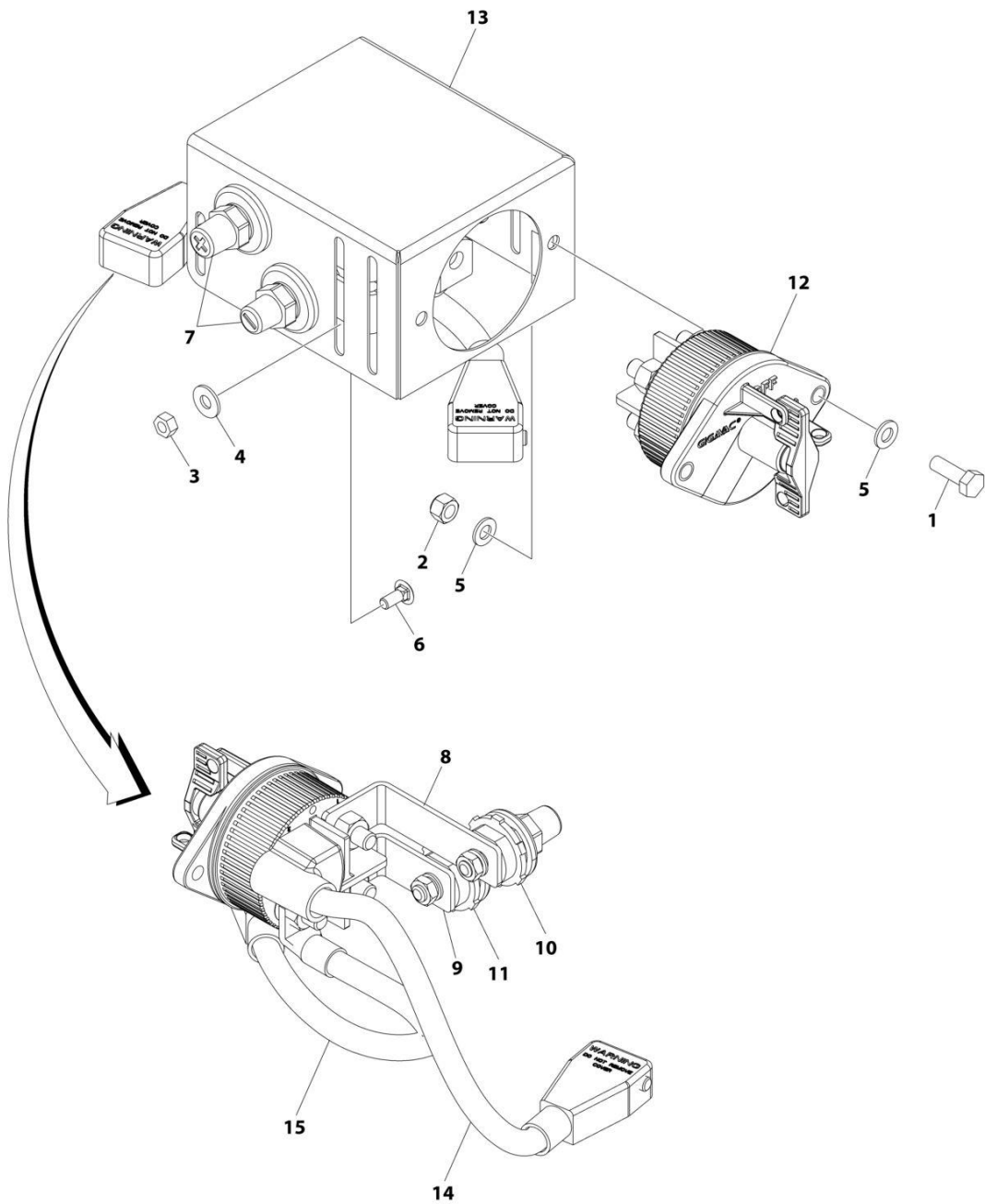
SECTION 8 - ELECTRICAL

FIGURE 8-15. AC CABLE INSTALLATION - WITH THREE BREAKERS (CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209677	Ref	AC CABLE INSTALLATION - WITH THREE BREAKERS	B
1	0760610	4	Bolt M6 x 20	
2	2080040	2	Fastener, Huck	
4	3290605	4	Nut M6	
6	4811700	6	Washer M6	
8	1001152485	1	Breaker Box Kit (See Separate Breakdown in this Section)	
9	1001209832	1	Bracket	
10	4811702	2	Washer M6	

SECTION 8 - ELECTRICAL

FIGURE 8-16. BATTERY DISCONNECT SWITCH



ART_1001236304

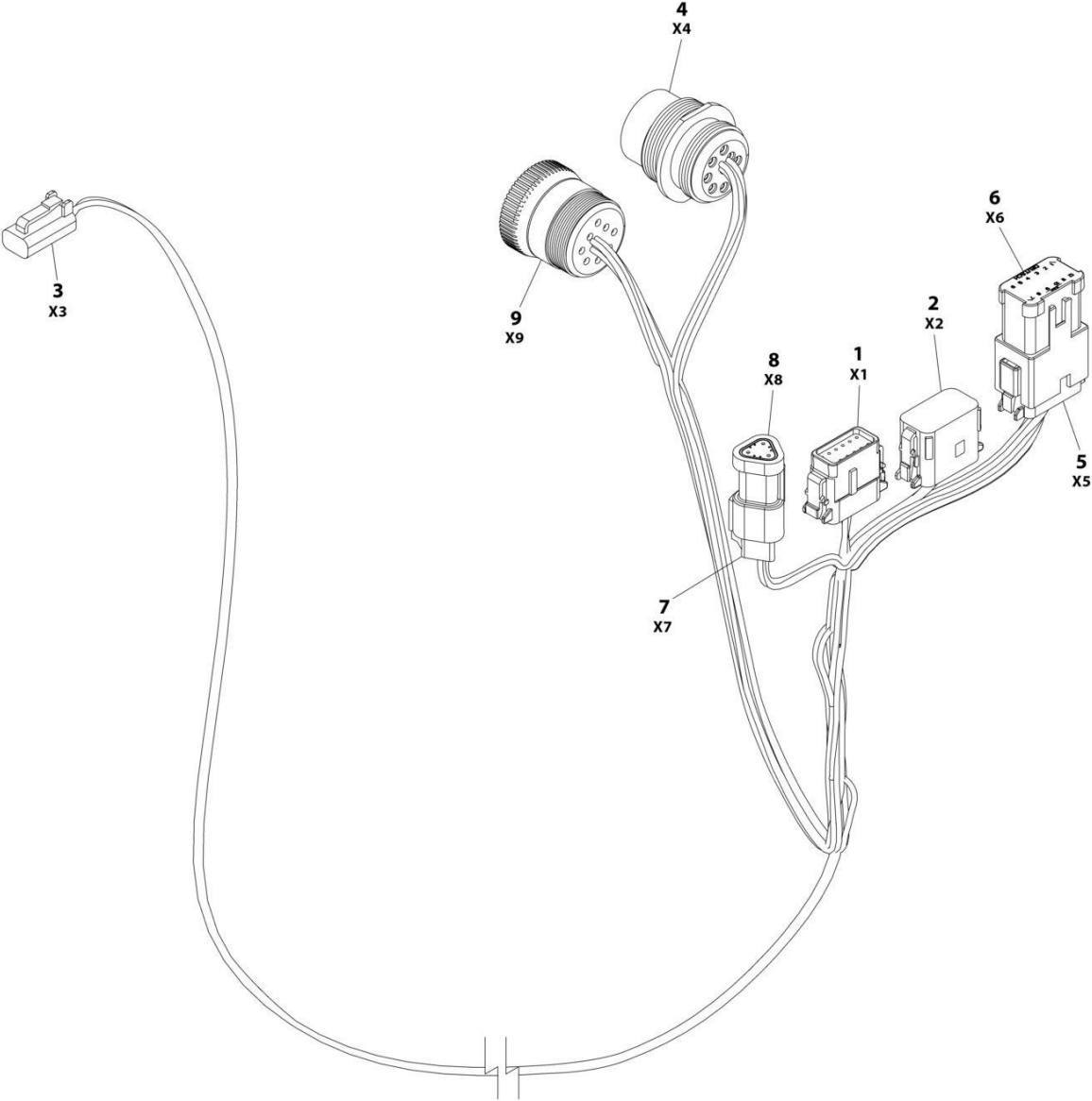
SECTION 8 - ELECTRICAL

FIGURE 8-16. BATTERY DISCONNECT SWITCH

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 8-17. BEACON HARNESS (BLUE/RED BEACON LIGHT)



ART_1001142736

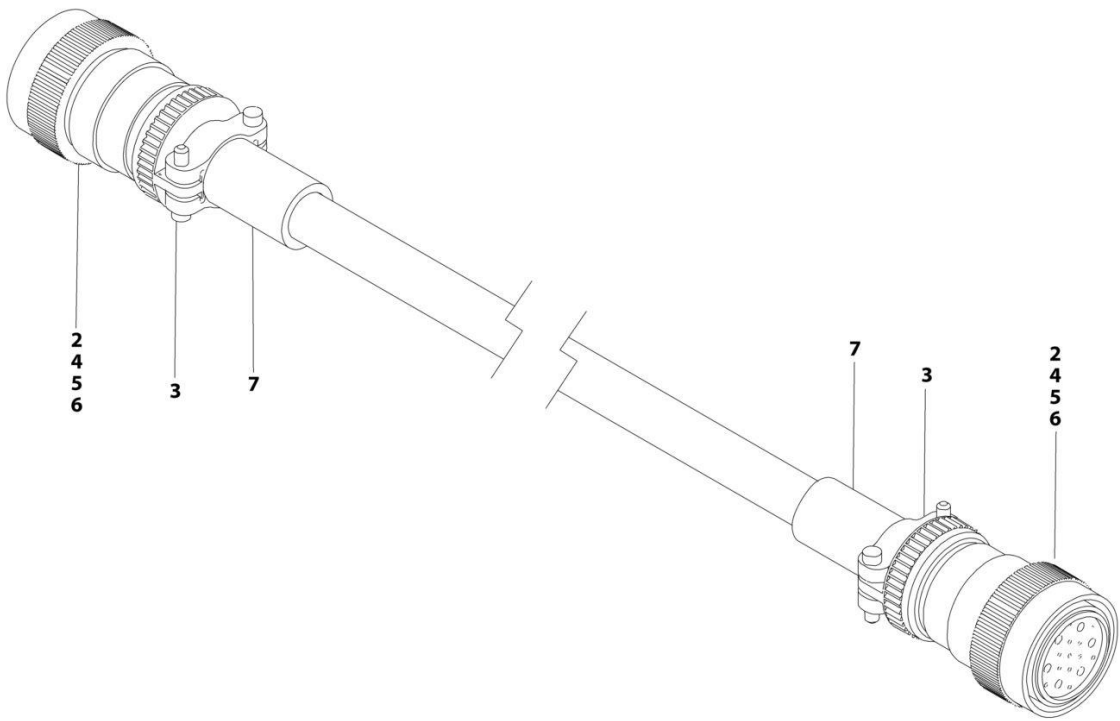
SECTION 8 - ELECTRICAL

FIGURE 8-17. BEACON HARNESS (BLUE/RED BEACON LIGHT)

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 8-18. BOOM HARNESS - 400S



ART_1001176952

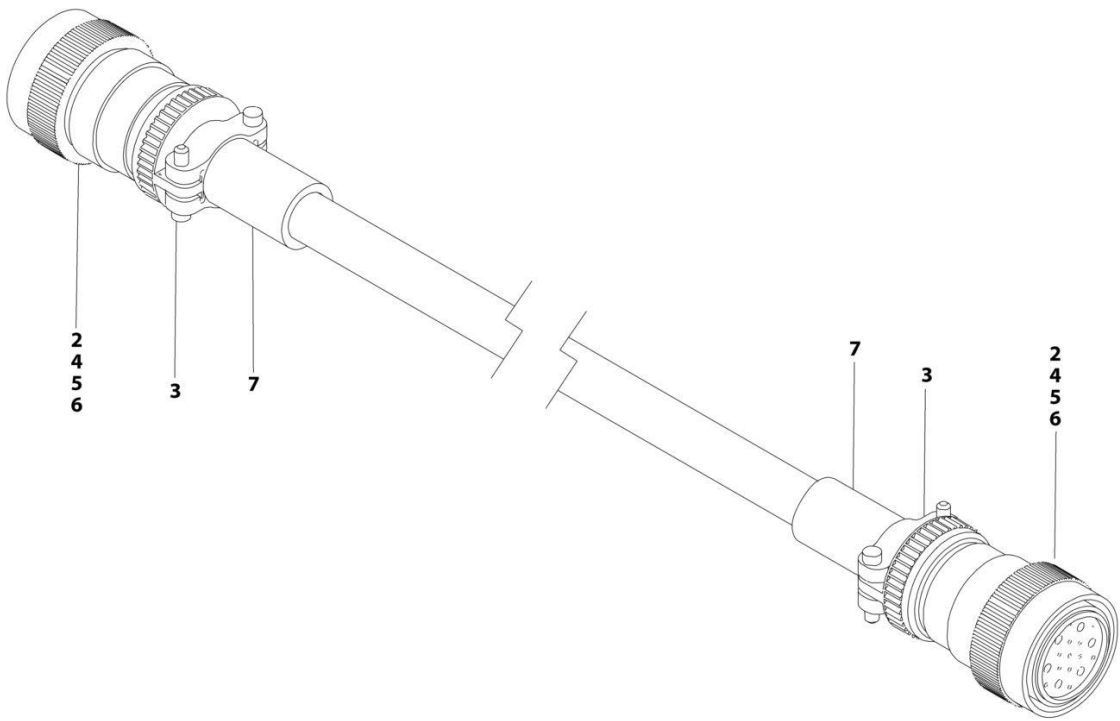
SECTION 8 - ELECTRICAL

FIGURE 8-18. BOOM HARNESS - 400S

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176952	Ref	BOOM HARNESS	C
2	4460865	2	Connector - 19 Position	
3	4460473	2	Clamp	
4	4460465	20	Socket, Female	
5	4460509	8	Socket, Female	
6	4460466	10	Plug, Socket	
7	1001226400	AR	Heat Shrink	

SECTION 8 - ELECTRICAL

FIGURE 8-19. BOOM HARNESS - 460SJ



ART_1001176953

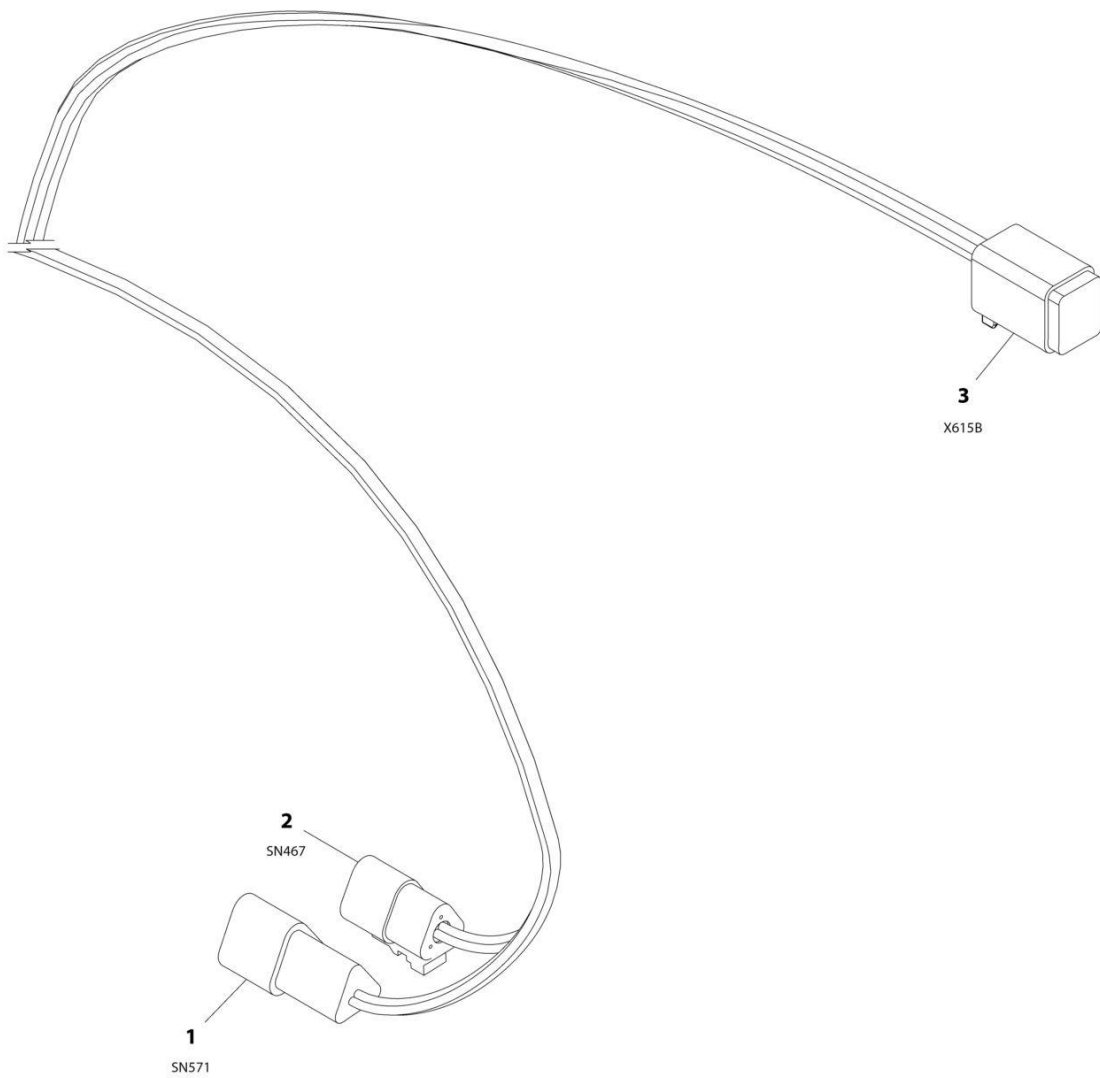
SECTION 8 - ELECTRICAL

FIGURE 8-19. BOOM HARNESS - 460SJ

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176953	Ref	BOOM HARNESS	C
2	4460865	2	Connector - 19 Position	
3	4460473	2	Clamp	
4	4460465	20	Socket, Female	
5	4460509	8	Socket, Female	
6	4460466	10	Plug, Socket	
7	1001226400	AR	Heat Shrink	

SECTION 8 - ELECTRICAL

FIGURE 8-20. BOOM CAPACITY PROXIMITY SWITCH HARNESS (400S ONLY)



ART_1001173807

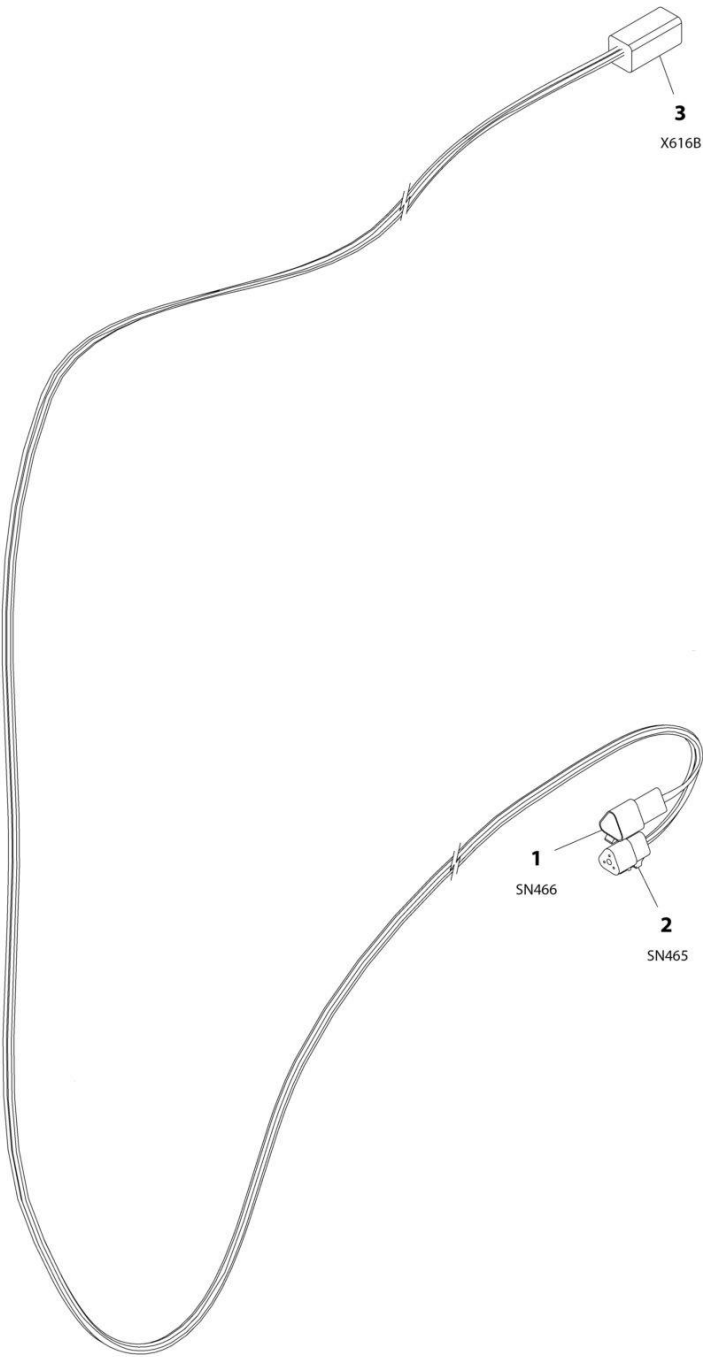
SECTION 8 - ELECTRICAL

FIGURE 8-20. BOOM CAPACITY PROXIMITY SWITCH HARNESS (400S ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173807	Ref	BOOM CAPACITY PROXIMITY SWITCH HARNESS	C
1	4460536	1	Receptacle, Female - 3 Position	
1	4460464	3	Pin, Male	
2	4460539	1	Plug, Male - 3 Position	
2	4460465	1	Socket, Female	
3	4460930	1	Plug, Male - 8 Position	
3	4460465	6	Socket, Female	
3	4460466	2	Plug, Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-21. BOOM TELE IN PROXIMITY SWITCH HARNESS



ART_1001173808

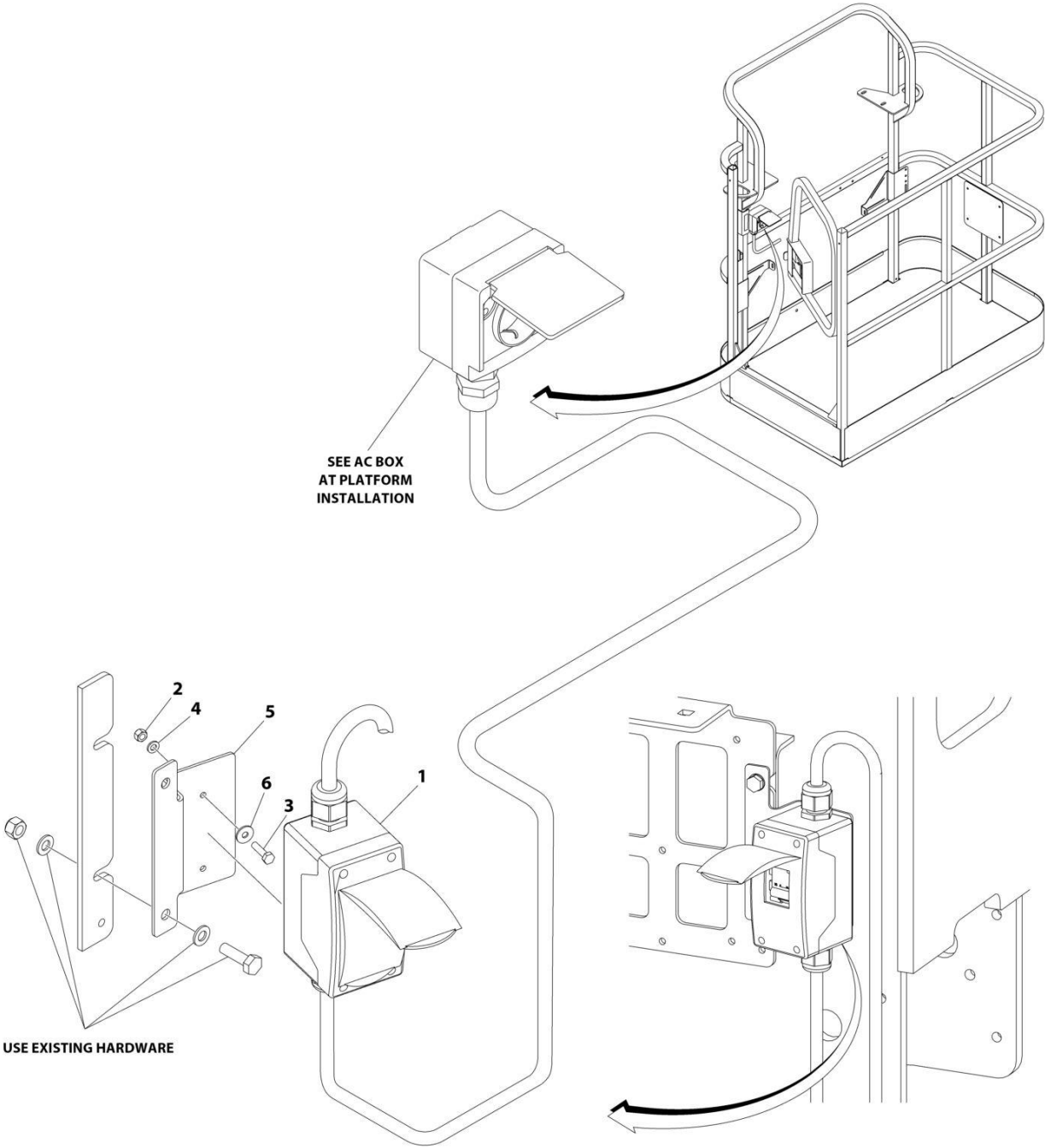
SECTION 8 - ELECTRICAL

FIGURE 8-21. BOOM TELE IN PROXIMITY SWITCH HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173808	Ref	BOOM TELE IN PROXIMITY SWITCH HARNESS	C
1	4460536	1	Receptacle, Female - 3 Position	
1	4460464	3	Pin, Male	
2	4460539	1	Plug, Male - 3 Position	
2	4460465	1	Socket, Female	
3	4460899	1	Receptacle, Female - 6 Position	
3	4460464	1	Pin, Male	

SECTION 8 - ELECTRICAL

FIGURE 8-22. BREAKER BOX INSTALLATION - 110/220V 16AMP BREAKER (CE & UK CA SPEC)



ART_1001230907

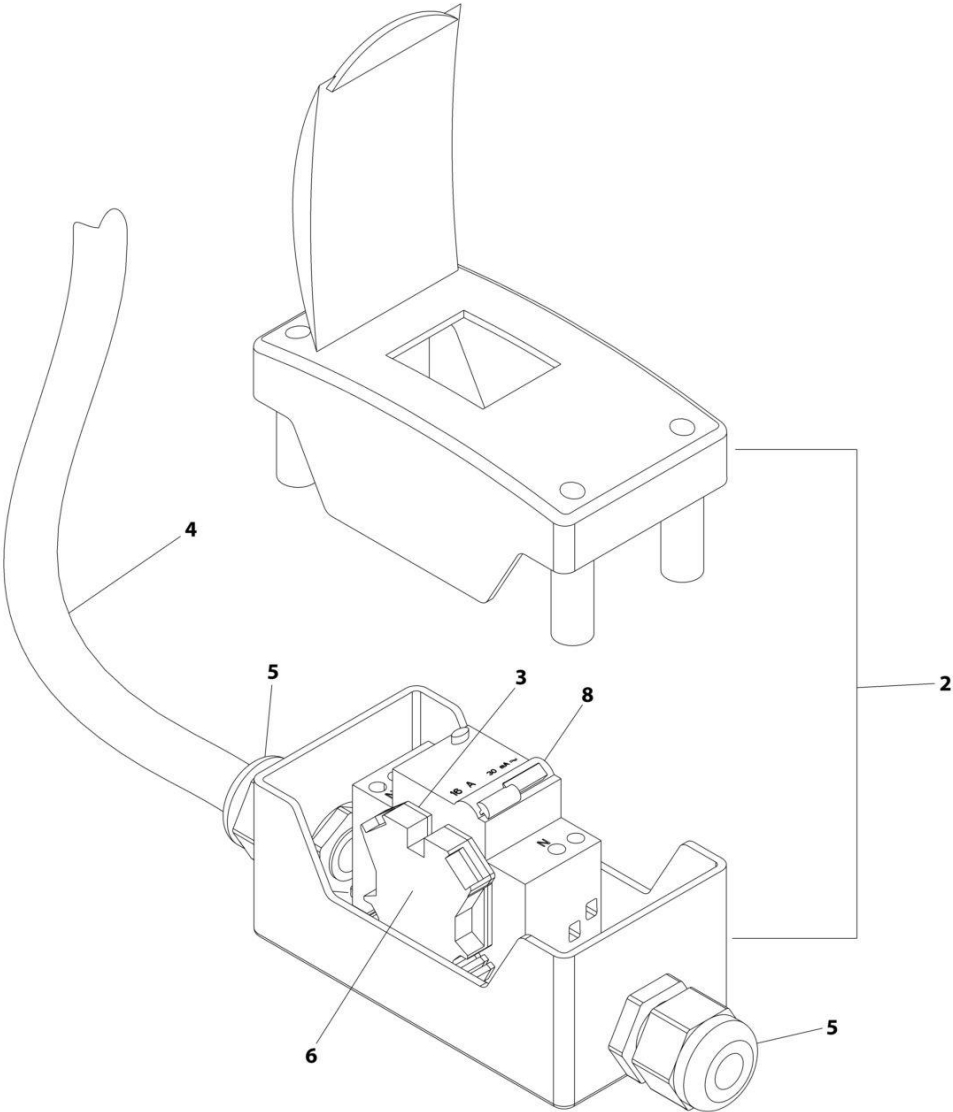
SECTION 8 - ELECTRICAL

FIGURE 8-22. BREAKER BOX INSTALLATION - 110/220V 16AMP BREAKER (CE & UK CA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230907	Ref	BREAKER BOX INSTALLATION - 110/220V 16AMP BREAKER	C
1	2902549	1	Breaker Box Kit (See Separate Breakdown in this Section)	
2	3290405	2	Nut M4	
2	3290605	2	Nut M6	
3	4010405	2	Screw M4 x 10	
3	0760614	2	Screw M6 x 30	
4	1001091102	2	Washer M4	
4	4811700	2	Washer M6	
5	1001230784	1	Bracket	
6	4811702	2	Washer M6	

SECTION 8 - ELECTRICAL

FIGURE 8-23. BREAKER BOX KIT - 110/220V 16AMP BREAKER (CE & UK CA SPEC)



ART_2902549

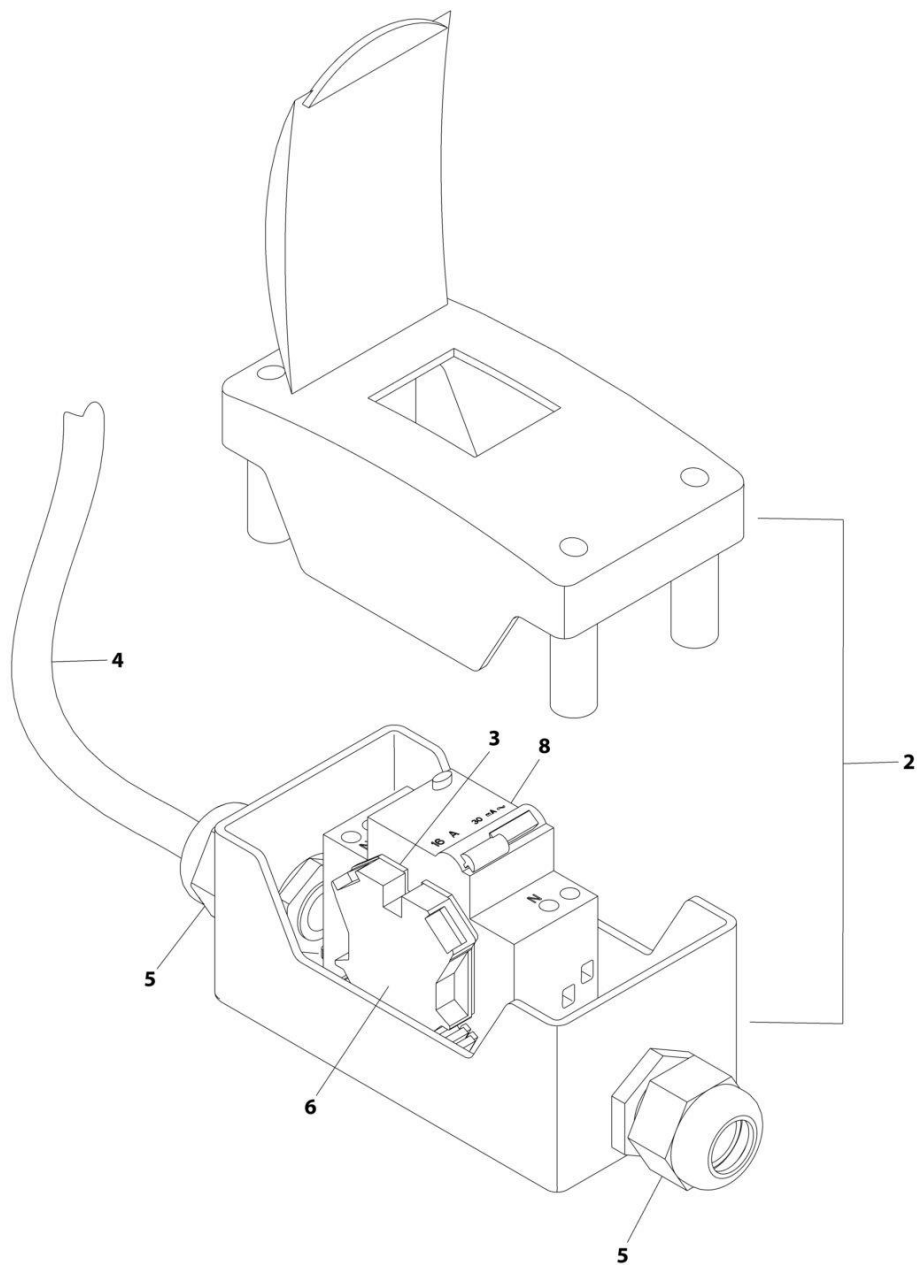
SECTION 8 - ELECTRICAL

FIGURE 8-23. BREAKER BOX KIT - 110/220V 16AMP BREAKER (CE & UK CA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2902549	Ref	BREAKER BOX KIT - 110/220V 16AMP BREAKER	F
2	0861880	1	Box	
3	4460956	1	Barrier, Terminal	
4	1060908	6 ft/1.8m	Cable, 12/3	
5	1001097150	2	Connector, Strain Relief	
6	4460957	1	Block, Terminal	
8	1001181045	1	Breaker, Combination 16Amp/30mAmp	

SECTION 8 - ELECTRICAL

FIGURE 8-24. BREAKER BOX KIT - 30MA/16 AMP



ART_1001096070

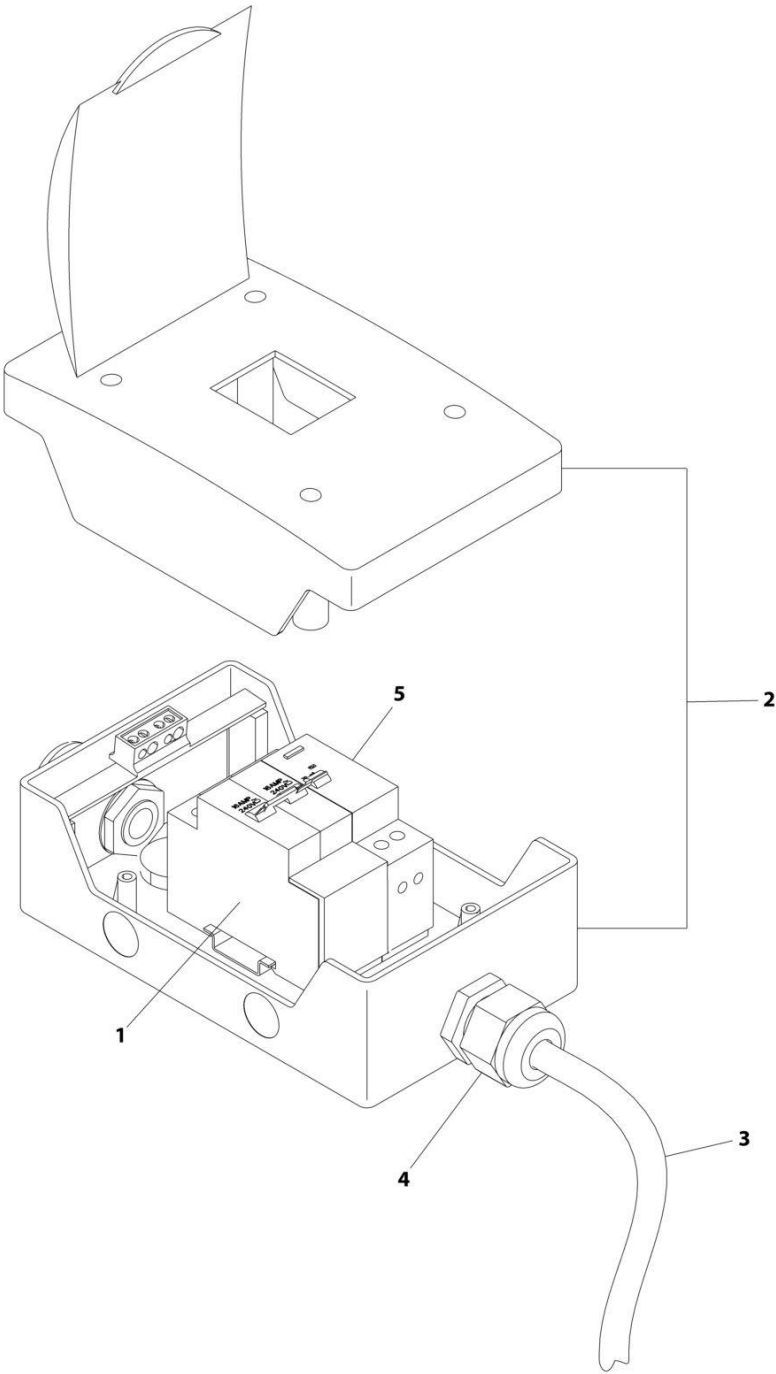
SECTION 8 - ELECTRICAL

FIGURE 8-24. BREAKER BOX KIT - 30MA/16 AMP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001096070	Ref	BREAKER BOX KIT	E
2	0861880	1	Box	
3	4460956	1	Barrier, Terminal Block End	
4	1060908	12 ft/ 3.6m	Cable, 12/3	
5	1001097150	2	Connector, Strain Relief	
6	4460957	1	Block, Terminal	
8	1001181045	1	Breaker, 16Amp	

SECTION 8 - ELECTRICAL

FIGURE 8-25. BREAKER BOX KIT WITH THREE BREAKERS



ART_1001152485_F

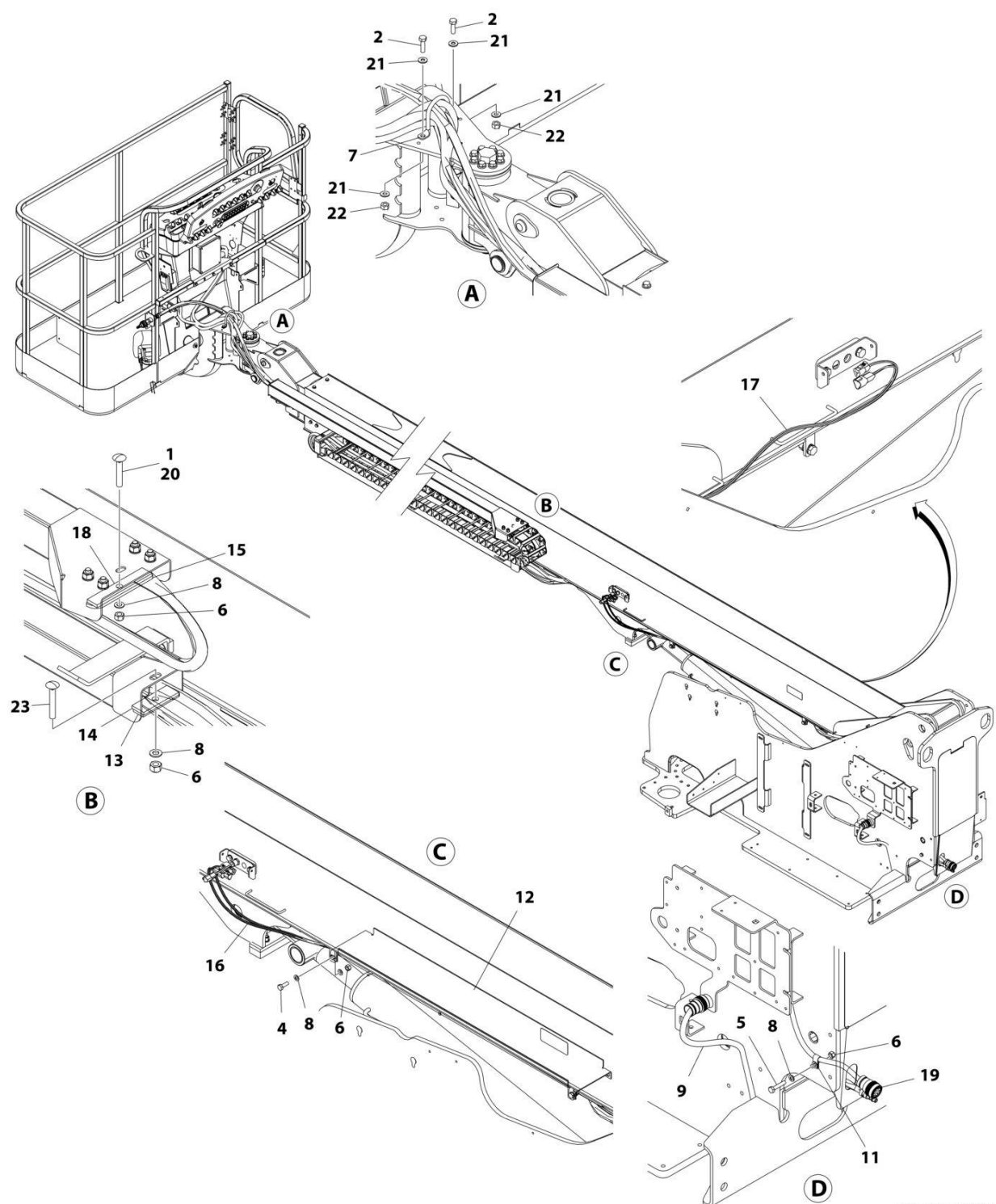
SECTION 8 - ELECTRICAL

FIGURE 8-25. BREAKER BOX KIT WITH THREE BREAKERS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001152485	Ref	BREAKER BOX KIT WITH TWO BREAKERS	F
1	1001189172	1	Breaker 16Amp Double	
2	1001152483	1	Box	
3	1060908	6 ft/1.8m	Cable, 12/3	
4	1001097150	2	Connector, Strain Relief	
5	1001189171	1	Breaker, 30mA	

SECTION 8 - ELECTRICAL

FIGURE 8-26. CABLES AND CLAMPS INSTALLATION - 400S (2500W GENERATOR OR NO GENERATOR) (ALL SPECS)



ART_1001173594_E

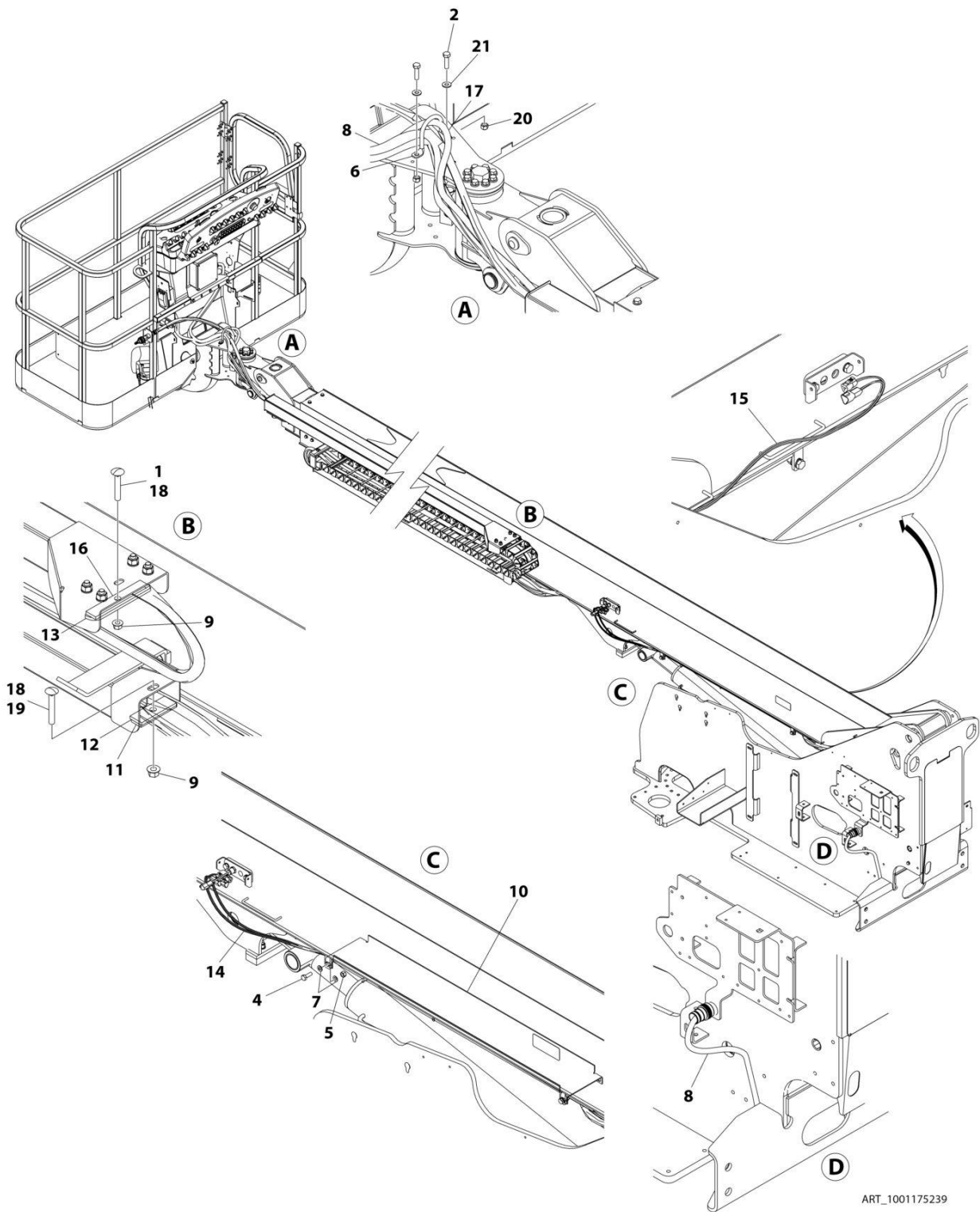
SECTION 8 - ELECTRICAL

FIGURE 8-26. CABLES AND CLAMPS INSTALLATION - 400S (2500W GENERATOR OR NO GENERATOR) (ALL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173594	Ref	CABLES AND CLAMPS INSTALLATION	E
1	0630563	1	Bolt Carriage M10 x 60	
2	0760814	1	Bolt M8 x 30	
4	0761014	4	Bolt M10 x 30	
5	0761018	1	Bolt M10 x 50	
6	3291005	7	Nut Lock M10 x 1.5	
7	3841340	1	Hose Loop	
8	4812000	12	Washer, M10	
9	1001176952	1	Harness, Main Boom Cable (See Separate Breakdown in this Section)	
11	8406110	1	Clip	
12	1001172128	1	Bracket, Hose Cover	
13	1001173456	1	Clamp	
14	1001173665	1	Clamp	
15	1001173761	1	Bracket	
16	1001173807	1	Harness, Capacity Switch (See Separate Breakdown in this Section)	
17	1001173808	1	Harness, Telescope In Proximity Sensors (See Separate Breakdown in this Section)	
18	1001173927	1	Clamp	
19	1001203434	1	Cable, Electrical 12/3	
20	0100081	AR	Adhesive	
21	4811900	4	Washer M8	
22	3290805	2	Nut M8	
23	1001181329	1	Bolt M10 x 70	

SECTION 8 - ELECTRICAL

FIGURE 8-27. CABLES AND CLAMPS INSTALLATION - 400S (4000W GENERATOR 60HZ) (ANSI, ANSI EXPORT, CSA AND JAPANESE SPECS)



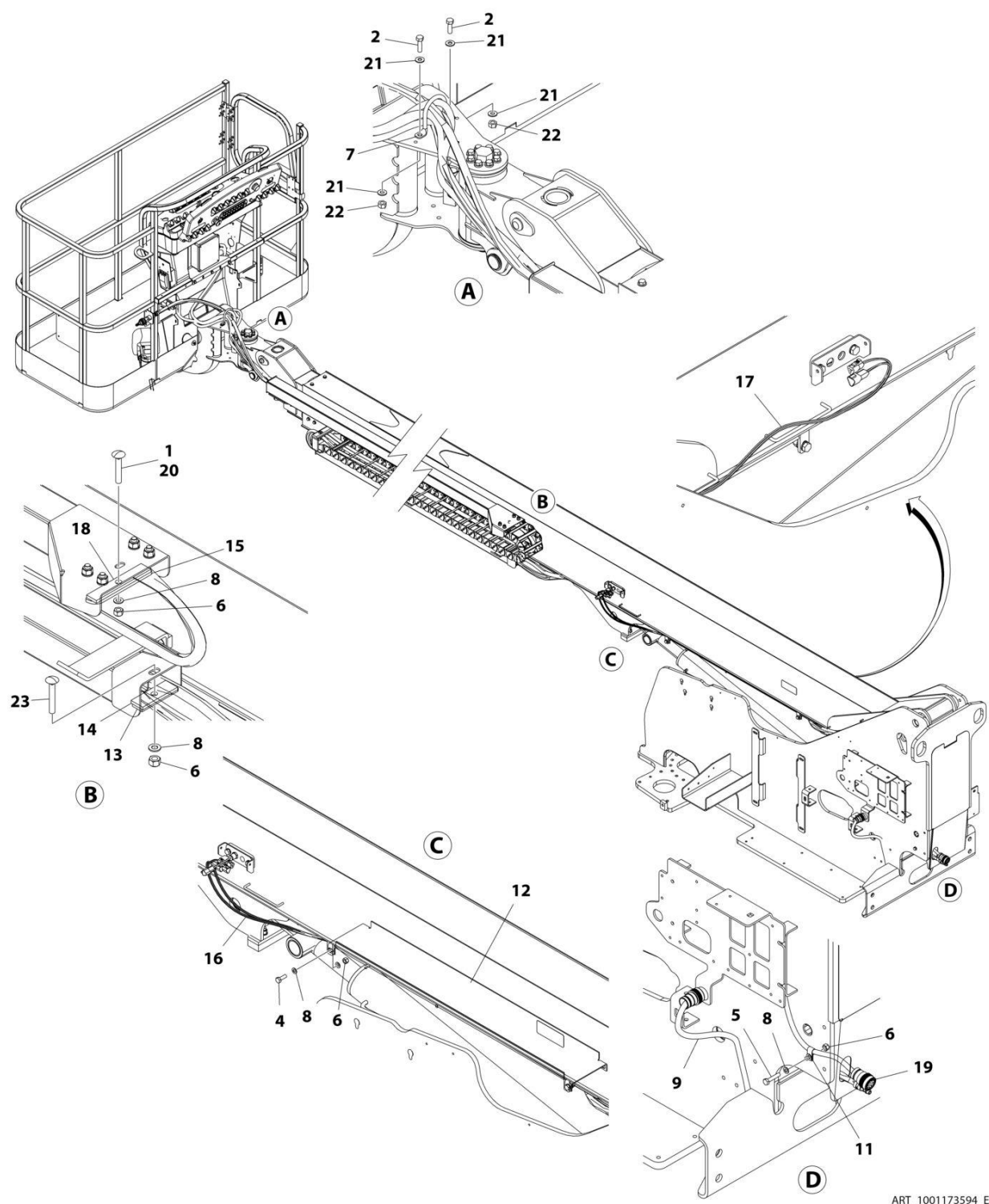
SECTION 8 - ELECTRICAL

FIGURE 8-27. CABLES AND CLAMPS INSTALLATION - 400S (4000W GENERATOR 60HZ) (ANSI, ANSI EXPORT, CSA AND JAPANESE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175239	Ref	CABLES AND CLAMPS INSTALLATION	D
1	0630563	1	Bolt, Carriage M10 x 60	
2	0760814	2	Bolt, M8 x 30	
4	0761014	4	Bolt M10 x 30	
5	3291005	4	Nut M10	
6	3841340	1	Hose Loop	
7	4812000	8	Washer M10	
8	1001176952	1	Harness, Main Boom Cable - 400SC (See Separate Breakdown in this Section)	
9	5261018	2	Nut M10	
10	1001172128	1	Bracket, Hose Cover	
11	1001173456	1	Clamp	
12	1001173665	1	Clamp	
13	1001173761	1	Bracket	
14	1001173807	1	Harness, Capacity Switch (See Separate Breakdown in this Section)	
15	1001173808	1	Harness, Telescope In Proximity Sensors (See Separate Breakdown in this Section)	
16	1001173927	1	Clamp	
17	1001175170	1	Cable, Electrical 12/3	
18	0100081	AR	Adhesive	
19	1001181329	1	Bolt, Carriage M10 x 70	
20	3290805	3	Nut M8	
21	4811900	4	Washer M8	

SECTION 8 - ELECTRICAL

FIGURE 8-28. CABLES AND CLAMPS INSTALLATION - 400S (4000W GENERATOR 50HZ) (ANSI, ANSI EXPORT, CSA, CHINA AND JAPANESE SPECS)



ART_1001173594_E

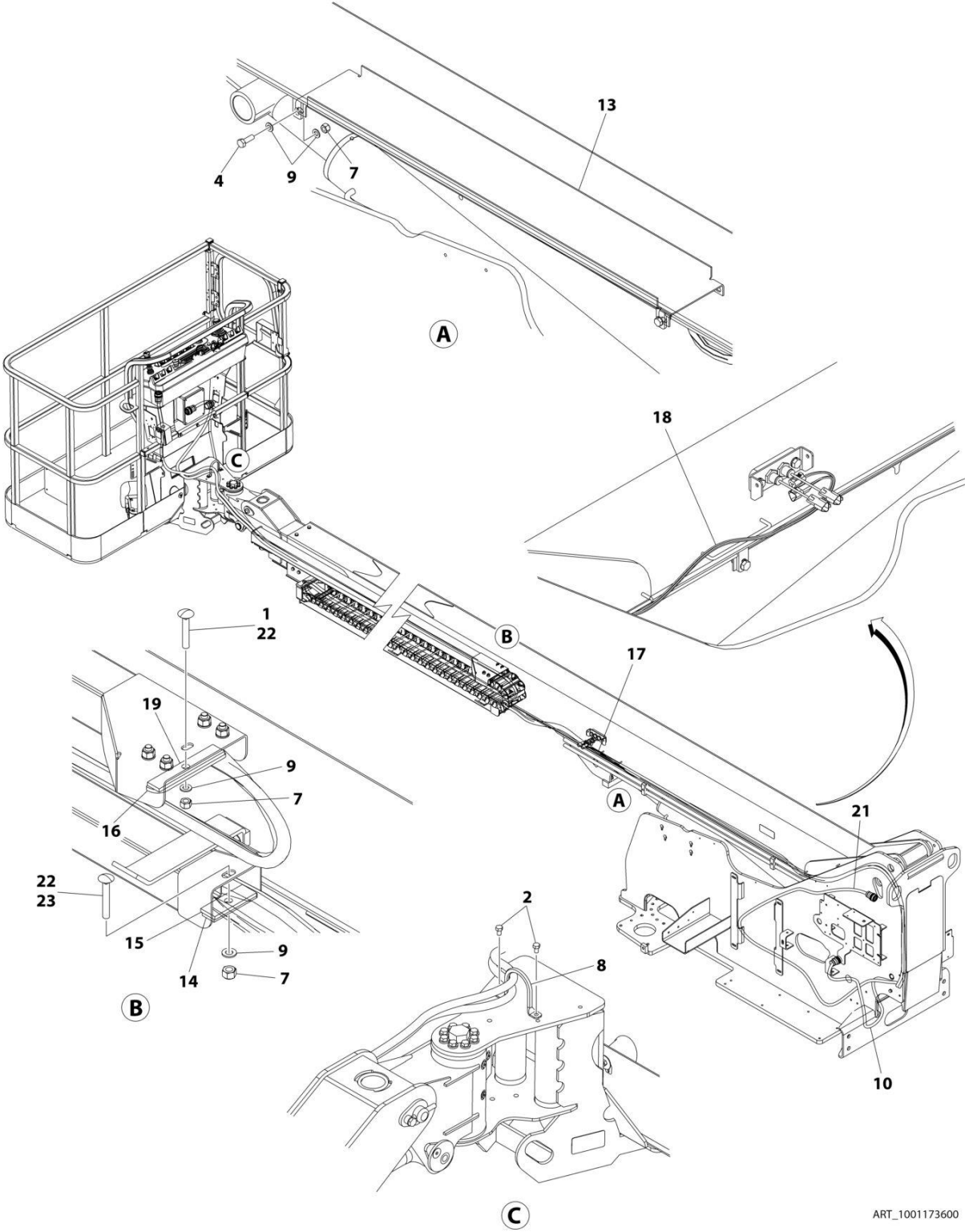
SECTION 8 - ELECTRICAL

FIGURE 8-28. CABLES AND CLAMPS INSTALLATION - 400S (4000W GENERATOR 50HZ) (ANSI, ANSI EXPORT, CSA, CHINA AND JAPANESE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173594	Ref	CABLES AND CLAMPS INSTALLATION	E
1	0630563	1	Bolt Carriage M10 x 60	
2	0760814	1	Bolt M8 x 30	
4	0761014	4	Bolt M10 x 30	
5	0761018	1	Bolt M10 x 50	
6	3291005	7	Nut Lock M10 x 1.5	
7	3841340	1	Hose Loop	
8	4812000	12	Washer, M10	
9	1001176952	1	Harness, Main Boom Cable (See Separate Breakdown in this Section)	
11	8406110	1	Clip	
12	1001172128	1	Bracket, Hose Cover	
13	1001173456	1	Clamp	
14	1001173665	1	Clamp	
15	1001173761	1	Bracket	
16	1001173807	1	Harness, Capacity Switch (See Separate Breakdown in this Section)	
17	1001173808	1	Harness, Telescope In Proximity Sensors (See Separate Breakdown in this Section)	
18	1001173927	1	Clamp	
19	1001203434	1	Cable, Electrical 12/3	
20	0100081	AR	Adhesive	
21	4811900	4	Washer M8	
22	3290805	2	Nut M8	
23	1001181329	1	Bolt M10 x 70	

SECTION 8 - ELECTRICAL

FIGURE 8-29. CABLES AND CLAMPS INSTALLATION - 400S (7500W GENERATOR) (ANSI, ANSI EXPORT, CSA, CHINA AND JAPANESE SPECS)



ART_1001173600

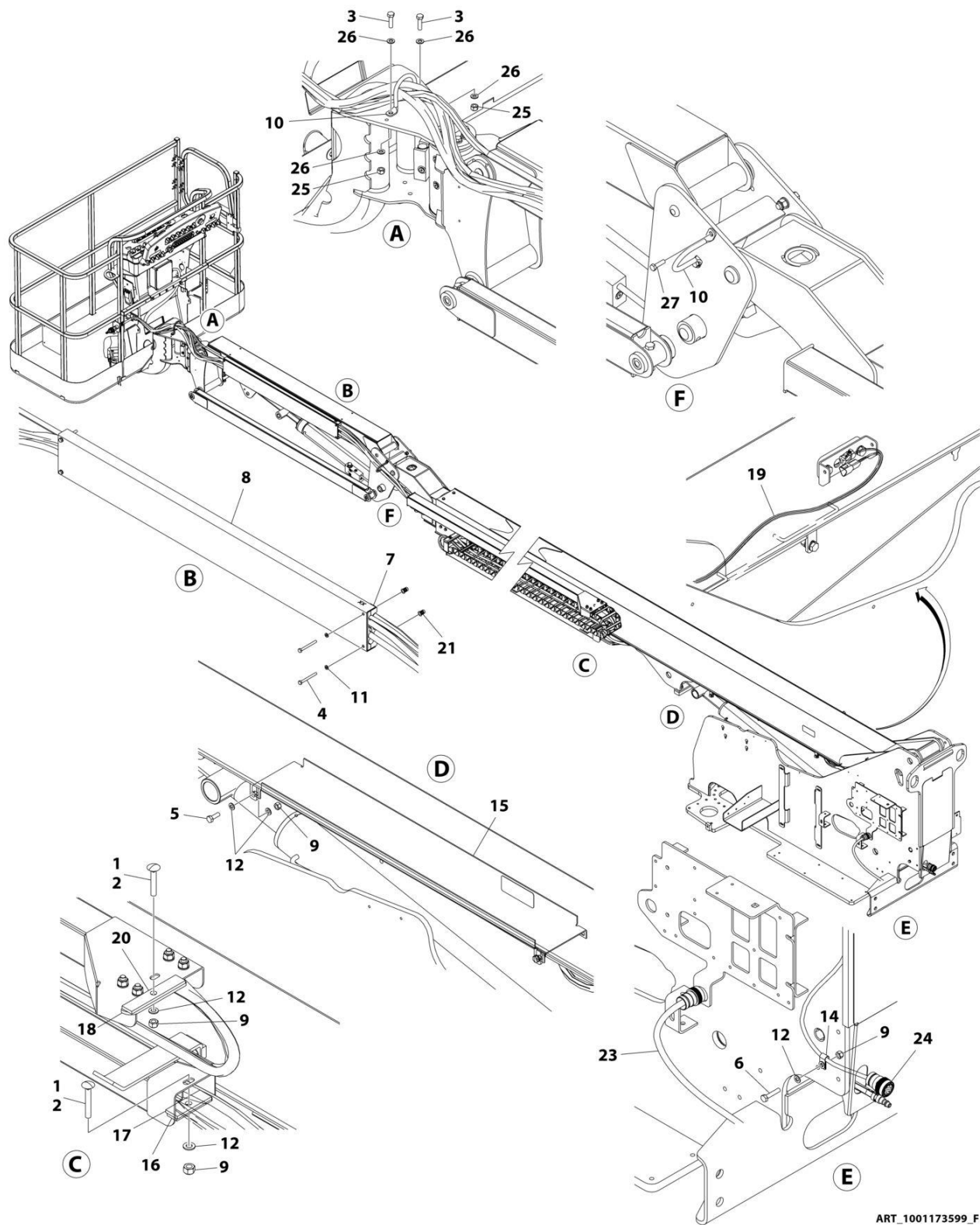
SECTION 8 - ELECTRICAL

FIGURE 8-29. CABLES AND CLAMPS INSTALLATION - 400S (7500W GENERATOR) (ANSI, ANSI EXPORT, CSA, CHINA AND JAPANESE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173600	Ref	CABLES AND CLAMPS INSTALLATION	E
1	0630563	1	Bolt, Carriage M10 x 60	
2	0641504	2	Bolt, 5/16 x 1/2	
4	0761014	4	Bolt, M10 x 30	
7	3291005	6	Nut, Lock M10 x 1.5	
8	3841340	1	Hose Loop	
9	4812000	10	Washer, M10	
10	1001176952	1	Harness, Main Boom Cable (See Separate Breakdown in this Section)	
13	1001172128	1	Bracket, Hose Cover	
14	1001173456	1	Clamp	
15	1001173665	1	Clamp	
16	1001173761	1	Bracket	
17	1001173807	1	Harness, Capacity Switch (See Separate Breakdown in this Section)	
18	1001173808	1	Harness, Telescope In Proximity Sensors (See Separate Breakdown in this Section)	
19	1001173927	1	Clamp	
21	4922802	1	Cable, Electrical 8/5	
22	0100081	1	Adhesive	
23	1001181319	1	Bolt, Carriage M10 x 70	

SECTION 8 - ELECTRICAL

FIGURE 8-30. CABLES AND CLAMPS INSTALLATION - 460SJ (2500W GENERATOR OR NO GENERATOR) (ALL SPECS)



ART_1001173599_F

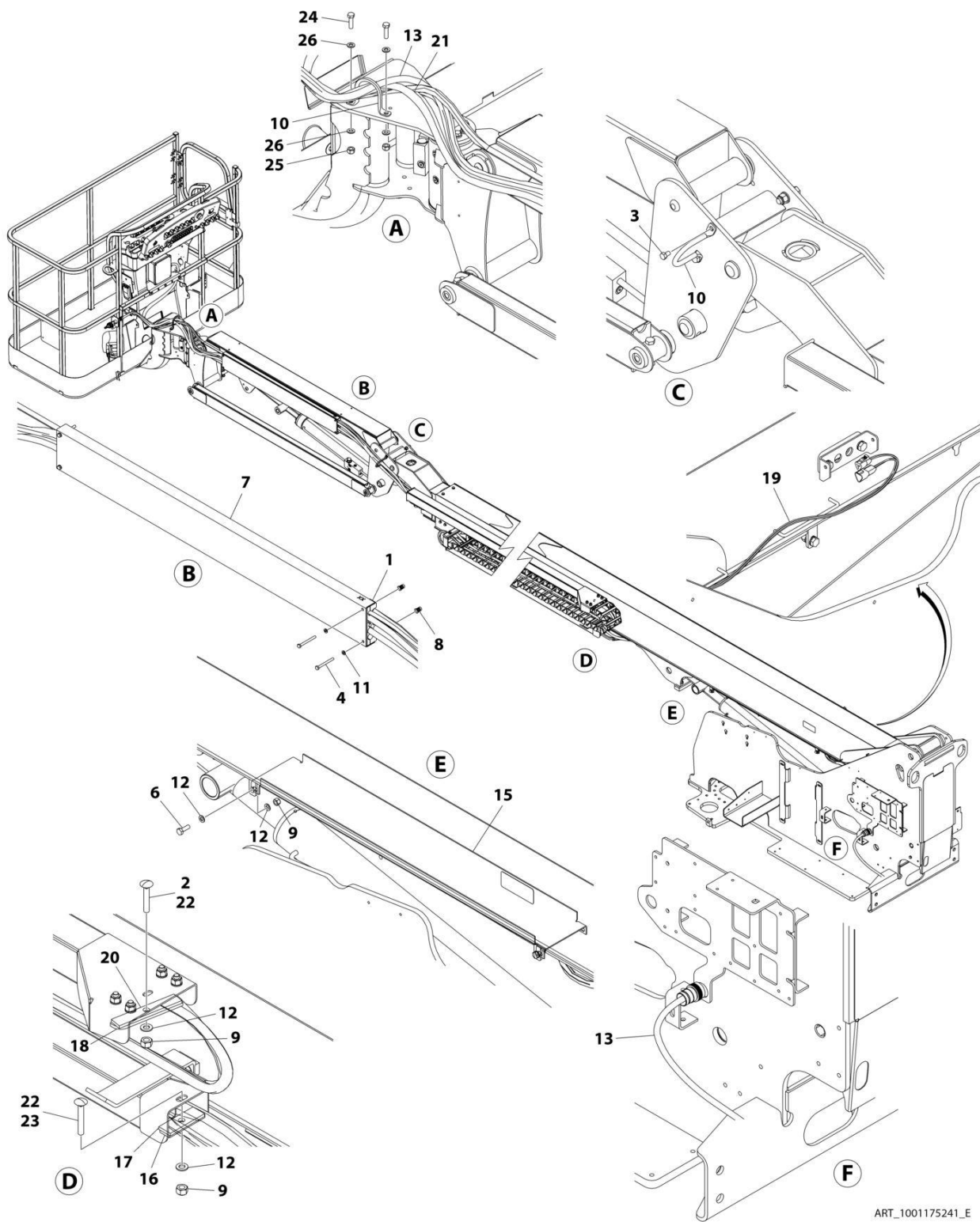
SECTION 8 - ELECTRICAL

FIGURE 8-30. CABLES AND CLAMPS INSTALLATION - 460SJ (2500W GENERATOR OR NO GENERATOR) (ALL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173599	Ref	CABLES AND CLAMPS INSTALLATION	F
1	0100081	1	Adhesive	
2	0630563	2	Bolt, Carriage M10 x 60	
3	0760814	2	Bolt M8 x 30	
4	0641418	4	Bolt 1/4 x 2-1/4	
4	0700620	4	Bolt M6 x 60	
5	0761014	4	Bolt, M10 x 30	
6	0761018	1	Bolt, M10 x 50	
7	1001203459	2	Block, Clamp	
8	1670769	1	Cover	
9	3291005	7	Nut, Lock M10 x 1.5	
10	3841340	2	Hose Loop	
11	4811700	4	Washer, M6	
12	4812000	12	Washer, M10	
14	8406110	1	Clip	
15	1001172128	1	Bracket, Hose Cover	
16	1001173456	1	Clamp	
17	1001173665	1	Clamp	
18	1001173761	1	Bracket	
19	1001173808	1	Harness, Telescope In Proximity Sensors (See Separate Breakdown in this Section)	
20	1001173927	1	Clamp	
21	2080044	4	Nut 1/4	
21	1001176636	4	Nut M6	
23	1001176953	1	Harness, Main Boom Cable (See Separate Breakdown in this Section)	
24	1001203435	1	Cable, Electrical 12/3	
25	3290805	2	Nut, Lock M8	
26	4811900	4	Washer M8	
27	0641504	2	Bolt 5/16 x 1/2	

SECTION 8 - ELECTRICAL

FIGURE 8-31. CABLES AND CLAMPS INSTALLATION - 460SJ (4000W GENERATOR 60HZ) (ANSI, ANSI EXPORT, CSA AND JAPANESE SPECS)



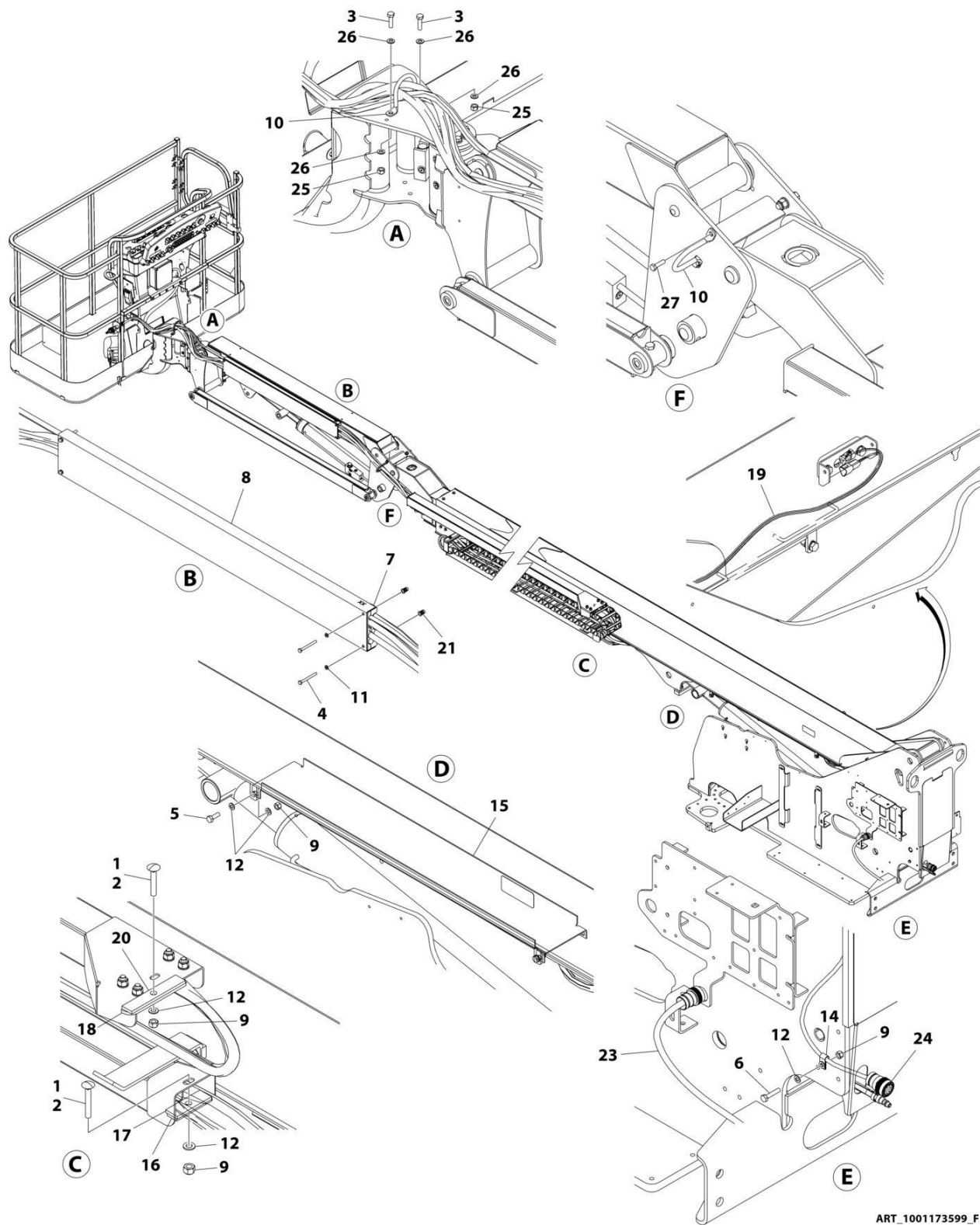
SECTION 8 - ELECTRICAL

FIGURE 8-31. CABLES AND CLAMPS INSTALLATION - 460SJ (4000W GENERATOR 60HZ) (ANSI, ANSI EXPORT, CSA AND JAPANESE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175241	Ref	CABLES AND CLAMPS INSTALLATION	E
1	0561237	2	Block, Clamp	
2	0630563	1	Bolt, Carriage M10 x 60	
3	0641504	1	Bolt 5/16 x 1/2	
4	0700620	4	Bolt M6 x 60	
6	0761014	4	Bolt M10 x 30	
7	1670769	1	Cover	
8	1001176636	4	Nut M6	
9	3291005	6	Nut M10	
10	3841340	2	Hose Loop	
11	4811700	4	Washer M6	
12	4812000	10	Washer M10	
13	1001176953	1	Harness, Main Boom Cable - 460SJC (See Separate Breakdown in this Section)	
15	1001172128	1	Bracket, Hose Cover	
16	1001173456	1	Clamp	
17	1001173665	1	Clamp	
18	1001173761	1	Bracket	
19	1001173808	1	Harness, Telescope in Proximity Sensors (See Separate Breakdown in this Section)	
20	1001173927	1	Clamp	
21	1001175171	1	Cable, Electrical 12/3	
22	0100081	AR	Adhesive	
23	1001181329	1	Bolt, Carriage M10 x 70	
24	0760814	2	Bolt M8 x 30	
25	3290805	2	Nut M8	
23	4811900	4	Washer M8	

SECTION 8 - ELECTRICAL

FIGURE 8-32. CABLES AND CLAMPS INSTALLATION - 460SJ (4000W GENERATOR 50HZ) (ALL SPECS)



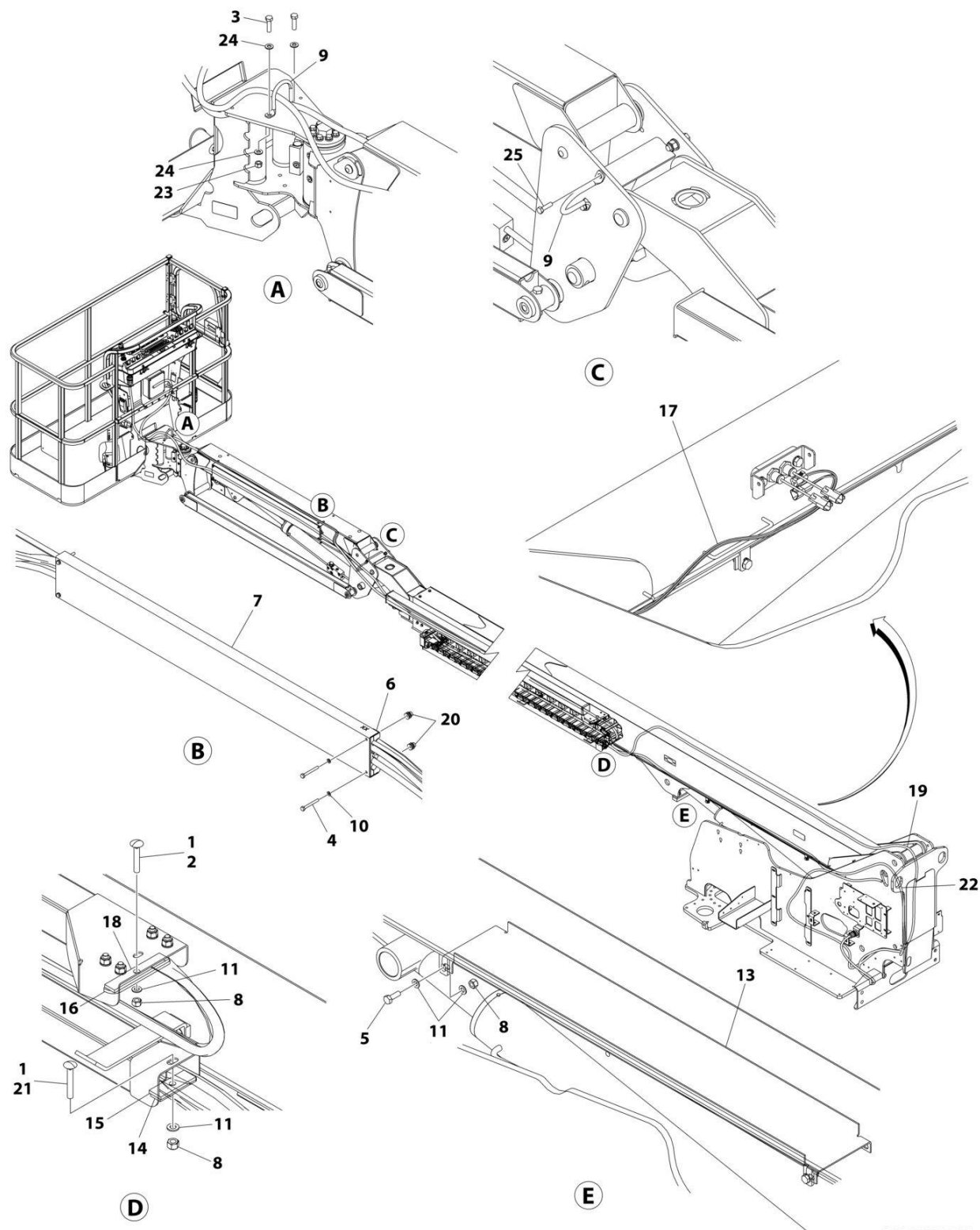
SECTION 8 - ELECTRICAL

FIGURE 8-32. CABLES AND CLAMPS INSTALLATION - 460SJ (4000W GENERATOR 50HZ) (ALL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173599	Ref	CABLES AND CLAMPS INSTALLATION	F
1	0100081	1	Adhesive	
2	0630563	2	Bolt, Carriage M10 x 60	
3	0760814	2	Bolt M8 x 30	
4	0641418	4	Bolt 1/4 x 2-1/4	
4	0700620	4	Bolt M6 x 60	
5	0761014	4	Bolt, M10 x 30	
6	0761018	1	Bolt, M10 x 50	
7	1001203459	2	Block, Clamp	
8	1670769	1	Cover	
9	3291005	7	Nut, Lock M10 x 1.5	
10	3841340	2	Hose Loop	
11	4811700	4	Washer, M6	
12	4812000	12	Washer, M10	
14	8406110	1	Clip	
15	1001172128	1	Bracket, Hose Cover	
16	1001173456	1	Clamp	
17	1001173665	1	Clamp	
18	1001173761	1	Bracket	
19	1001173808	1	Harness, Telescope In Proximity Sensors (See Separate Breakdown in this Section)	
20	1001173927	1	Clamp	
21	2080044	4	Nut 1/4	
21	1001176636	4	Nut M6	
23	1001176953	1	Harness, Main Boom Cable (See Separate Breakdown in this Section)	
24	1001203435	1	Cable, Electrical 12/3	
25	3290805	2	Nut, Lock M8	
26	4811900	4	Washer M8	
27	0641504	2	Bolt 5/16 x 1/2	

SECTION 8 - ELECTRICAL

FIGURE 8-33. CABLES AND CLAMPS INSTALLATION - 460SJ (7500W GENERATOR) (ALL SPECS EXCEPT CE & UK CA SPECS)



ART_1001173605

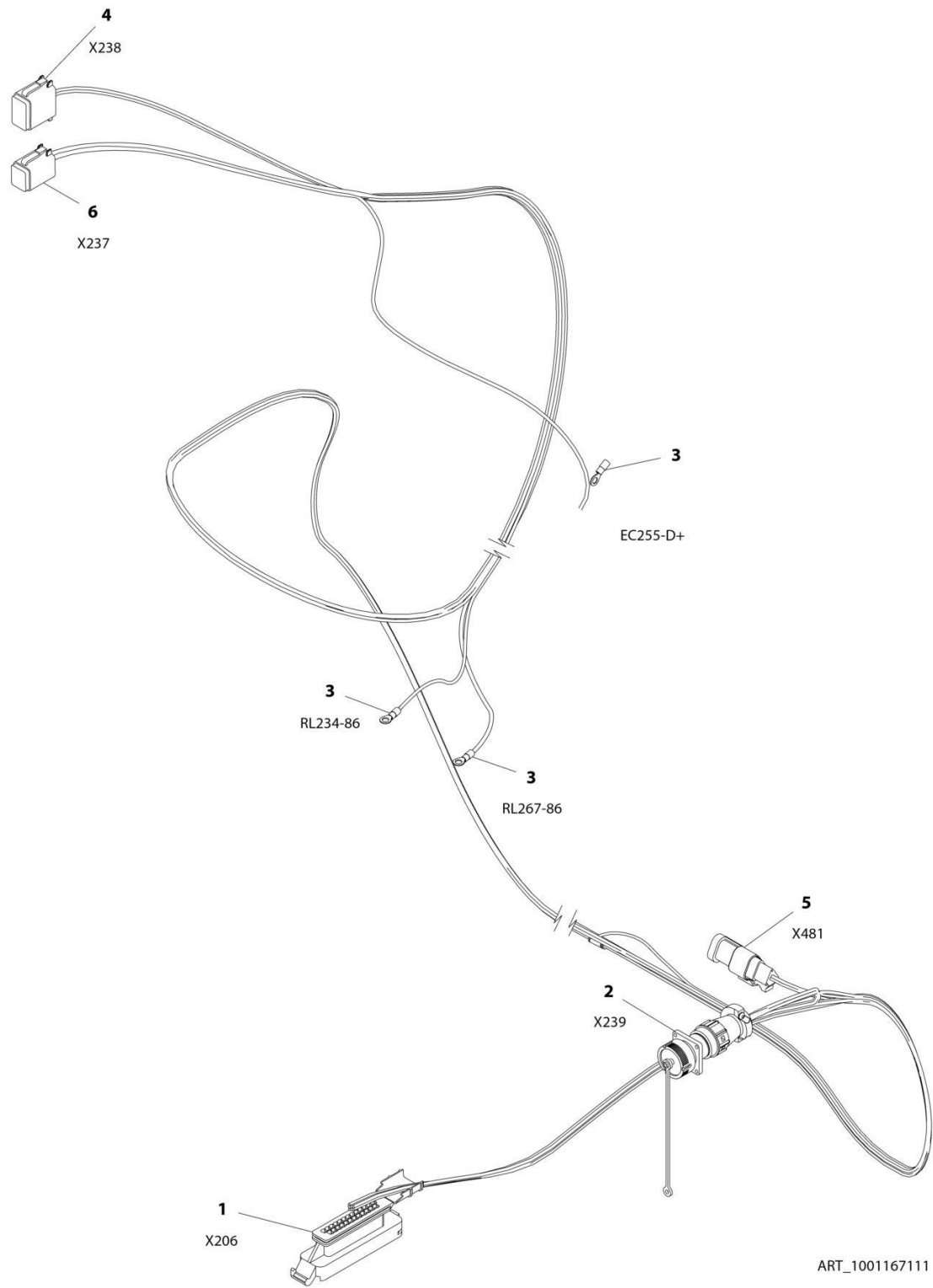
SECTION 8 - ELECTRICAL

FIGURE 8-33. CABLES AND CLAMPS INSTALLATION - 460SJ (7500W GENERATOR) (ALL SPECS EXCEPT CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173605	Ref	CABLES AND CLAMPS INSTALLATION	F
1	0100081	1	Adhesive	
2	0630563	1	Bolt, Carriage M10 x 60	
3	0760814	2	Bolt M8 x 30	
4	0700620	4	Bolt M6 x 60	
5	0761014	4	Bolt M10 x 30	
6	1001203459	2	Block, Clamp	
7	1670769	1	Cover	
8	3291005	6	Nut M10	
9	3841340	2	Hose Loop	
10	4811700	4	Washer M6	
11	4812000	10	Washer M10	
13	1001172128	1	Bracket, Hose Cover	
14	1001173456	1	Clamp	
15	1001173665	1	Clamp	
16	1001173761	1	Bracket	
17	1001173808	1	Harness, Telescope In Proximity Sensors (See Separate Breakdown in this Section)	
18	1001173927	1	Clamp	
19	4922803	1	Cable, Electrical 8/5	
20	1001176636	4	Nut, Rivet M6	
21	1001181329	1	Bolt, Carriage M10 x 70	
22	1001176953	1	Harness, Main Boom (See Separate Breakdown in this Section)	
23	3290805	2	Nut, Lock M8	
24	4811900	4	Washer M8	
25	0641504	2	Bolt 5/16 x 1/2	

SECTION 8 - ELECTRICAL

FIGURE 8-34. ENGINE HARNESS - DEUTZ D2011



ART_1001167111

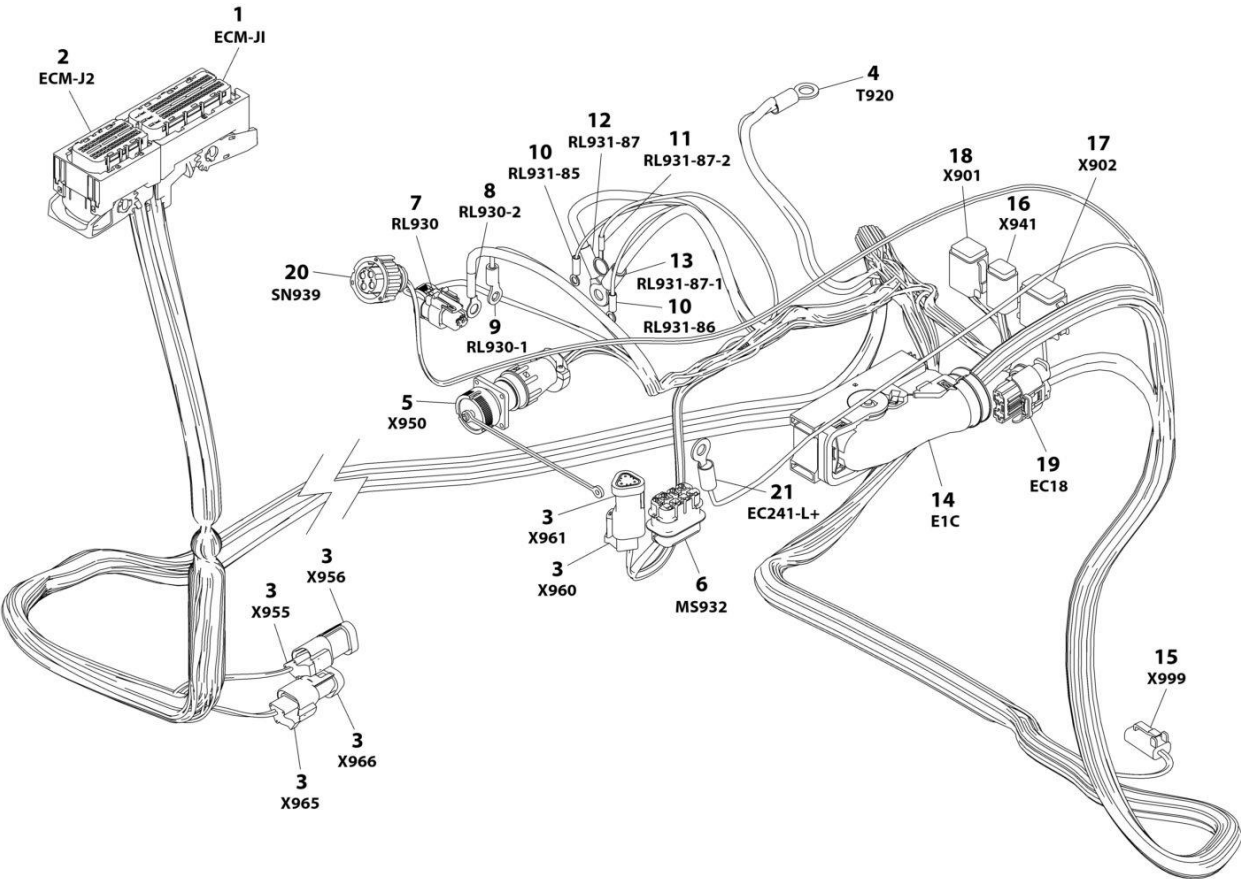
SECTION 8 - ELECTRICAL

FIGURE 8-34. ENGINE HARNESS - DEUTZ D2011

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167111	Ref	ENGINE HARNESS - DEUTZ D2011	B
1	4461052	1	Connector - 25 Position	
1	4461005	7	Terminal	
1	4461008	18	Plug, Terminal	
2	2902443	1	Receptacle Kit	
2	4461071	8	Socket, Female	
2	4461072	1	Receptacle with Flange - 8 Position	
2	4461073	1	Cap, Dust	
2	4461074	1	Shell, Black	
3	4460313	3	Terminal, Ring	
4	4460930	1	Plug, Male - 8 Position	
4	4460465	2	Socket, Female	
4	4460466	6	Seal, Terminal	
5	4461095	1	Plug, Male - 3 Position	
5	4460465	3	Socket, Female	
6	4460894	1	Plug, Male - 6 Position	
6	4460465	6	Socket, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-35. ENGINE HARNESS - DEUTZ D2.9L4



ART_1001167108_L

SECTION 8 - ELECTRICAL

FIGURE 8-35. ENGINE HARNESS - DEUTZ D2.9L4

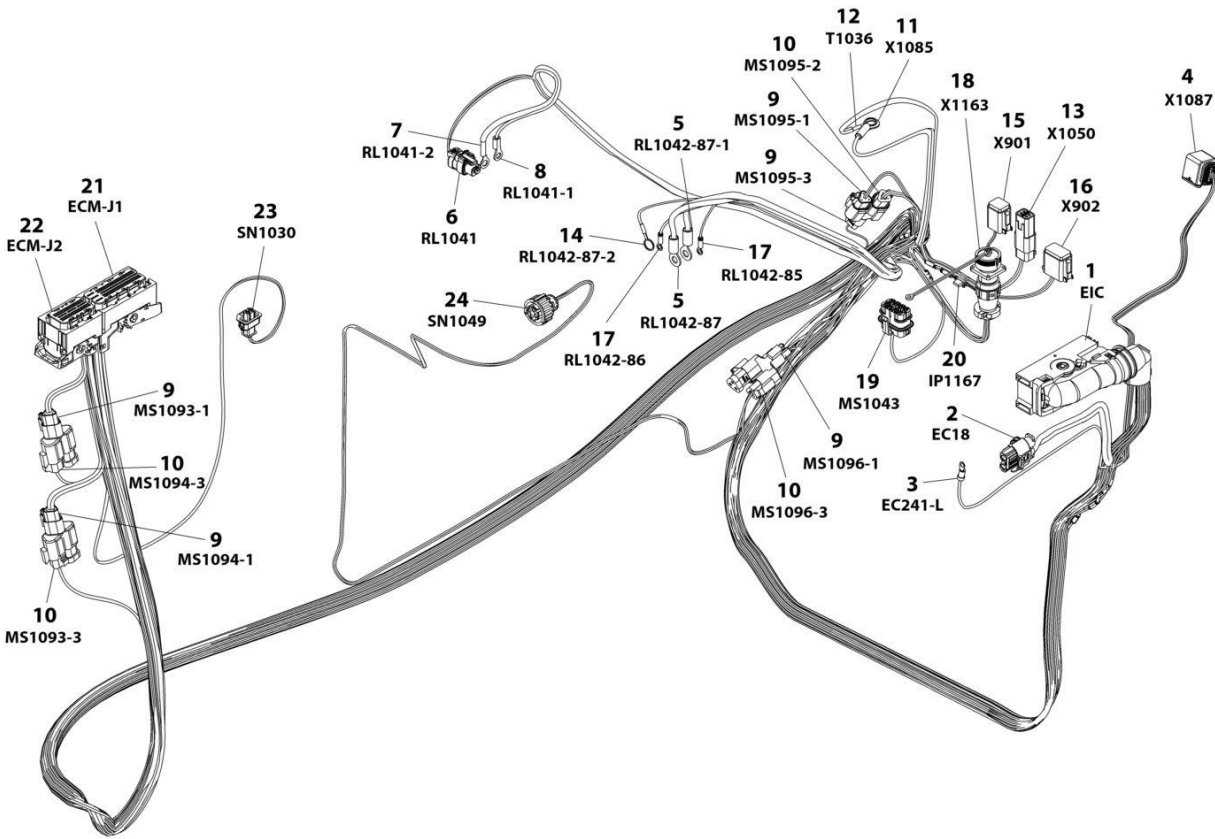
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167108	Ref	ENGINE HARNESS - DEUTZ D2.9L4	L
1	1001133956	1	Connector, 94 Position	
1	1001182361	6	Terminal	
1	1001126351	2	Terminal	
1	1001230934	17	Terminal	
1	1001230935	63	Plug, Terminal	
1	1001256507	4	Terminal	
1	1001230936	2	Plug, Terminal	
1	1001182365	6	Seal	
2	1001133957	1	Connector - 60 Position	
2	1001230936	11	Plug, Terminal	
2	1001126351	13	Terminal	
2	1001230935	19	Plug, Terminal	
2	1001230934	11	Terminal	
2	1001252527	4	Terminal	
2	1001256507	2	Terminal	
3	4461095	3	Plug, Male - 3 Position	
3	4460944	6	Socket, Female	
3	4460466	3	Plug, Terminal	
3	4461070	3	Connector, Female with Resistor 3 Position	
4	8220115	1	Terminal, Ring	
5	2902443	1	Receptacle Kit	
5	4461071	8	Socket, Female	
5	4461072	1	Receptacle with Flange - 8 Position	
5	4461073	1	Cap, Dust	
5	4461074	1	Shell, Black	
6	80484084	1	Connector - 8 Position	
6	4460746	3	Terminal	
6	1001234800	1	Terminal	
6	4460748	4	Plug, Terminal	
6	4460458	4	Seal	
6	8229242	1	Fuse - 5Amp	
6	80983191	1	Fuse - 10Amp	
6	1001147264	1	Cap	
7	1001116952	1	Plug, Male - 2 Position	
7	4460465	2	Socket, Female	
8	1001117106	1	Terminal, Ring	
9	4460043	1	Terminal, Ring	
10	4460247	2	Terminal, Ring	
11	4460703	1	Terminal, Ring	
12	8220164	1	Terminal, Ring	
13	1001117107	1	Terminal, Ring	
14	1001126362	1	Connector - 62 Position	
14	1001126363	25	Terminal	
14	1001126391	21	Seal, Terminal	
14	1001126392	10	Terminal	
14	4461008	4	Seal, Terminal	
14	1001126365	2	Terminal	
14	1001223459	10	Seal, Terminal	
14	1001126364	23	Seal, Terminal	

SECTION 8 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
14	1001256506	2	Seal, Terminal	
14	4461054	2	Seal, Terminal	
15	4460891	1	Plug, Male - 2 Position	
15	4460465	2	Socket, Female	
16	1001220379	1	Plug, Male - 4 Position	
16	4460465	2	Socket, Female	
16	4460942	2	Socket, Female	
17	4460930	1	Plug, Male - 8 Position	
17	4460465	1	Socket, Female	
17	4460466	7	Seal, Terminal	
18	4460894	1	Plug, Male - 6 Position	
18	4460465	3	Socket, Female	
18	4460944	2	Socket, Female	
18	4460466	1	Plug, Terminal	
19	1001142938	1	Connector - 2 Position	
19	1001142940	2	Terminal	
19	1001142941	2	Seal, Terminal	
20	1001133714	1	Plug, Male - 4 Position	
20	1001133715	3	Terminal	
20	1001135651	1	Plug, Terminal	
20	1001135650	3	Seal	
21	4460042	1	Terminal, Ring	

SECTION 8 - ELECTRICAL

FIGURE 8-36. ENGINE HARNESS - DEUTZ D2.9L4 (STAGE V) & DUETZ D2.9L4 (CHINA IV)



ART_1001245839

SECTION 8 - ELECTRICAL

FIGURE 8-36. ENGINE HARNESS - DEUTZ D2.9L4 (STAGE V) & DUETZ D2.9L4 (CHINA IV)

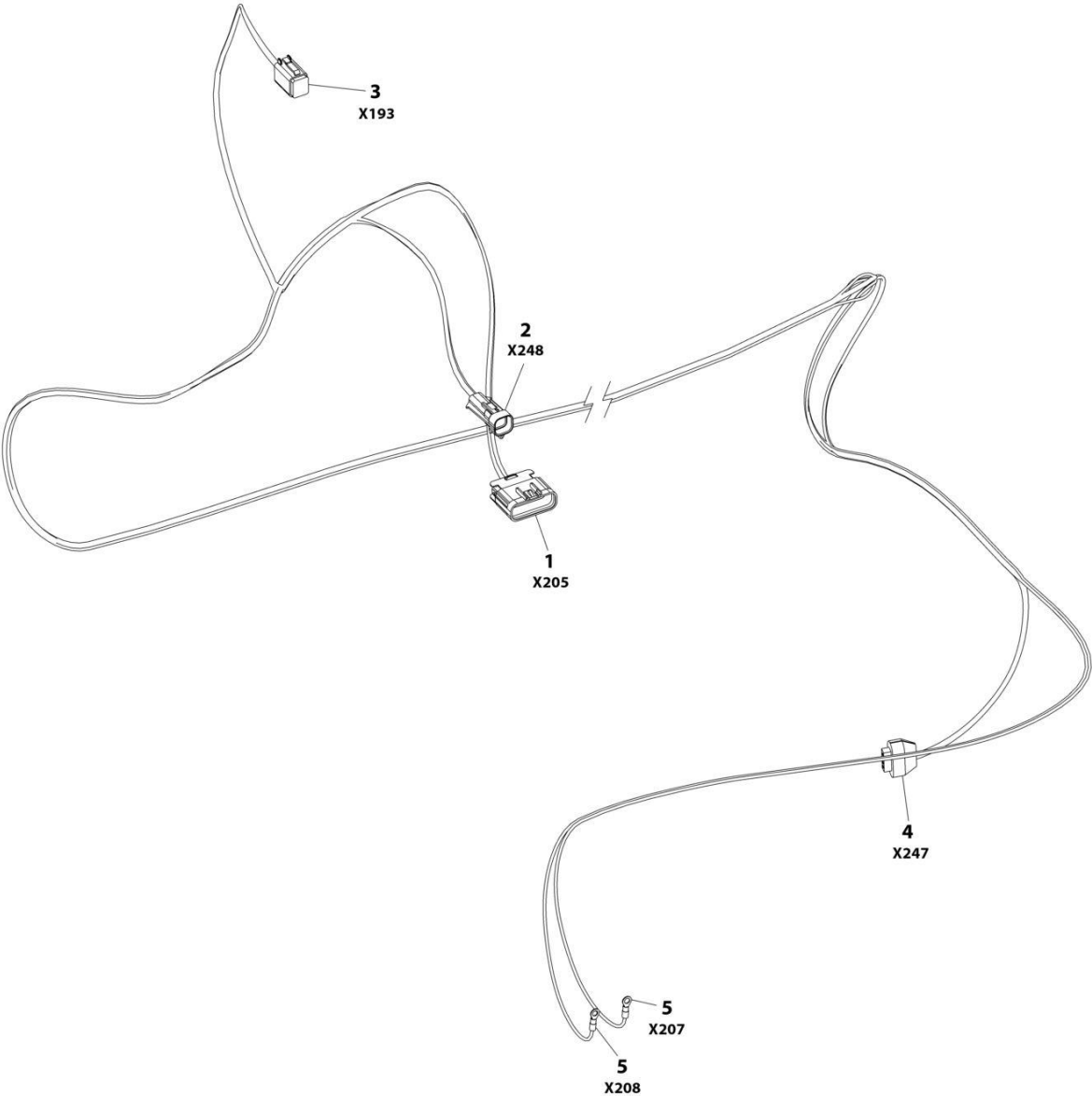
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001245839	Ref	ENGINE HARNESS - DEUTZ (STAGE V)	F
1	1001126362	1	Connector - 62 Position	
1	1001126363	37	Terminal	
1	1001126391	7	Seal, Terminal	
1	1001126392	12	Terminal	
1	4461008	4	Seal, Terminal	
1	1001167632	2	Terminal	
1	1001126364	36	Seal, Terminal	
1	1001223459	12	Seal, Terminal	
1	4461054	2	Seal, Terminal	
2	1001142938	1	Connector - 2 Position	
2	1001142940	2	Terminal	
2	1001142941	2	Seal, Terminal	
3	4460042	1	Terminal, Ring	
4	1001239202	1	Connector - 8 Position	
4	1001126363	7	Terminal	
4	1001126391	1	Seal, Terminal	
4	1001126364	7	Seal, Terminal	
5	1001117107	2	Terminal, Ring	
6	1001116952	1	Plug, Male - 2 Position	
6	4460465	2	Socket, Female	
7	1001117106	1	Terminal, Ring	
8	4460043	1	Terminal, Ring	
9	1001116812	5	Connector, 3 Position	
9	4460944	10	Socket, Female	
9	4460466	5	Plug, Terminal	
10	4460539	4	Plug, Male - 3 Position	
10	4460944	8	Socket, Female	
10	4460466	4	Plug, Terminal	
11	8220164	1	Terminal, Ring	
12	4460019	1	Terminal, Ring	
13	4460884	1	Plug, Male - 4 Position	
13	4460465	2	Socket, Female	
13	4460942	2	Socket, Female	
14	4460703	1	Terminal, Ring	
15	4460894	1	Plug, Male - 6 Position	
15	4460465	2	Socket, Female	
15	4460944	2	Socket, Female	
15	4460465	2	Socket, Female	
16	4460930	1	Plug, Male - 8 Position	
16	4460465	1	Socket, Female	
16	4460466	7	Plug, Terminal	
17	4460247	2	Terminal, Ring	
18	2902443	1	Receptacle Kit	
18	4461071	8	Socket, Female	
18	4461072	1	Receptacle with Flange - 8 Position	
18	4461073	1	Cap, Dust	
18	4461074	1	Shell, Black	
19	80484084	1	Connector - 8 Position	
19	4460746	3	Terminal	

SECTION 8 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
19	1001234800	1	Terminal	
19	4460748	4	Plug, Terminal	
19	4460458	4	Seal	
20	1001170764	1	Holder, Fuse	
20	1001197719	1	Fuse 0.5 Watt	
21	1001133956	1	Connector, 94 Position	
21	1001182361	8	Terminal	
21	1001126351	3	Terminal	
21	1001230934	25	Terminal	
21	1001230935	55	Plug, Terminal	
21	1001252527	4	Terminal	
21	1001230936	1	Plug, Terminal	
21	1001182365	8	Seal	
22	1001133957	1	Connector - 60 Position	
22	1001230936	11	Plug, Terminal	
22	1001126351	13	Terminal	
22	1001230935	10	Plug, Terminal	
22	1001230934	26	Terminal	
23	1001126487	1	Connector - 2 Position	
23	1001167635	2	Terminal	
23	1001126485	2	Seal	
24	1001133714	1	Plug, Male - 4 Position	
24	1001133715	3	Terminal	
24	1001135651	1	Plug, Terminal	
24	1001135650	2	Seal	

SECTION 8 - ELECTRICAL

FIGURE 8-37. ENGINE HARNESS - KUBOTA



ART_1001213599

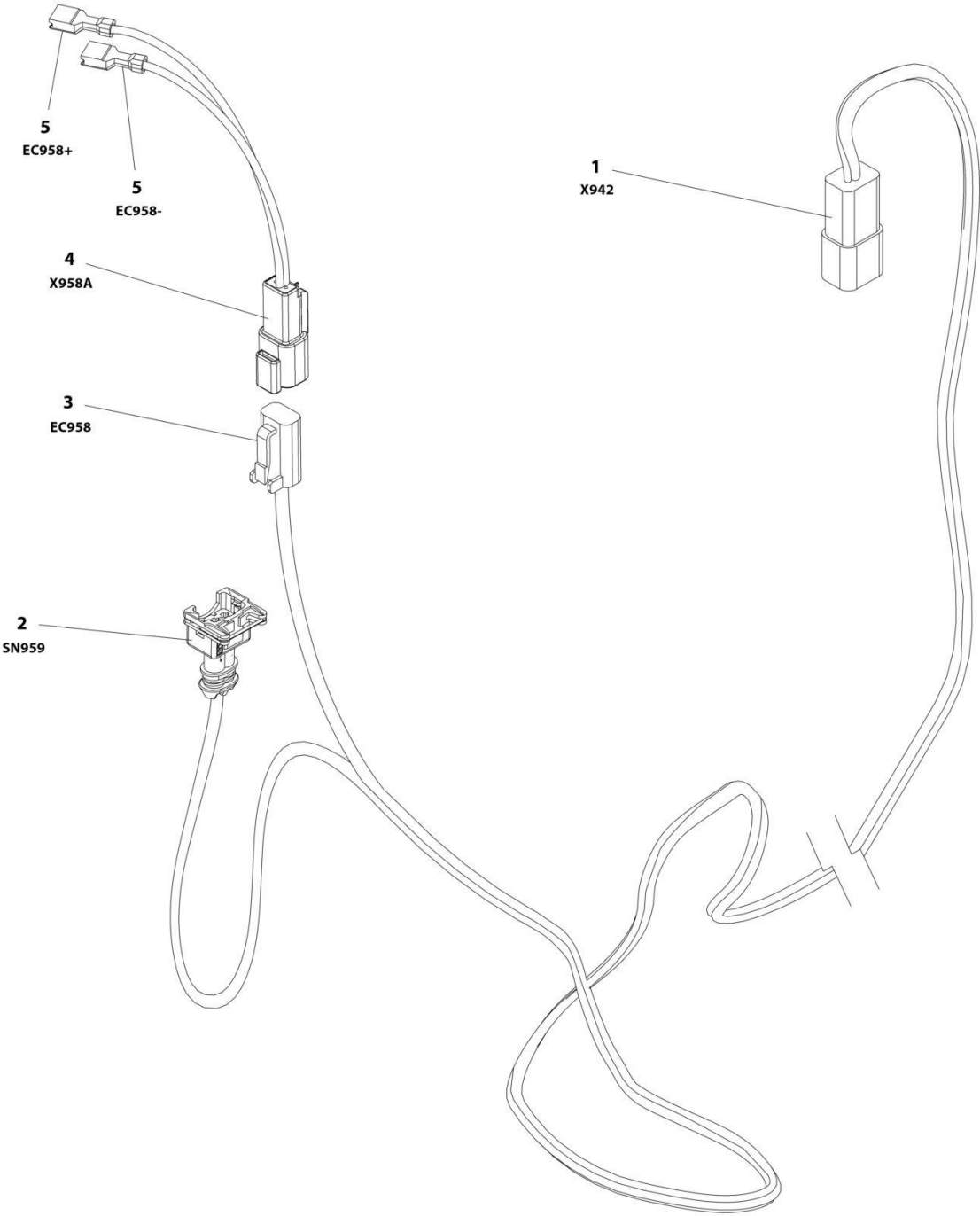
SECTION 8 - ELECTRICAL

FIGURE 8-37. ENGINE HARNESS - KUBOTA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213599	Ref	ENGINE HARNESS - KUBOTA	C
1	4461109	1	Plug, Male - 16 Position	
1	4461111	7	Terminal	
1	4461113	9	Plug	
2	4461124	1	Connector - 4 Position	
2	4460693	4	Terminal	
3	4460894	1	Plug, Male - 6 Position	
3	4460465	5	Socket, Female	
3	4460466	1	Plug, Terminal	
4	4461121	1	Plug, Male - 4 Position	
4	4461122	4	Terminal	
4	4461123	4	Seal	
5	4460042	2	Terminal, Ring	

SECTION 8 - ELECTRICAL

FIGURE 8-38. FUEL HARNESS - DEUTZ D2.9L4 ENGINE



ART_1001173342

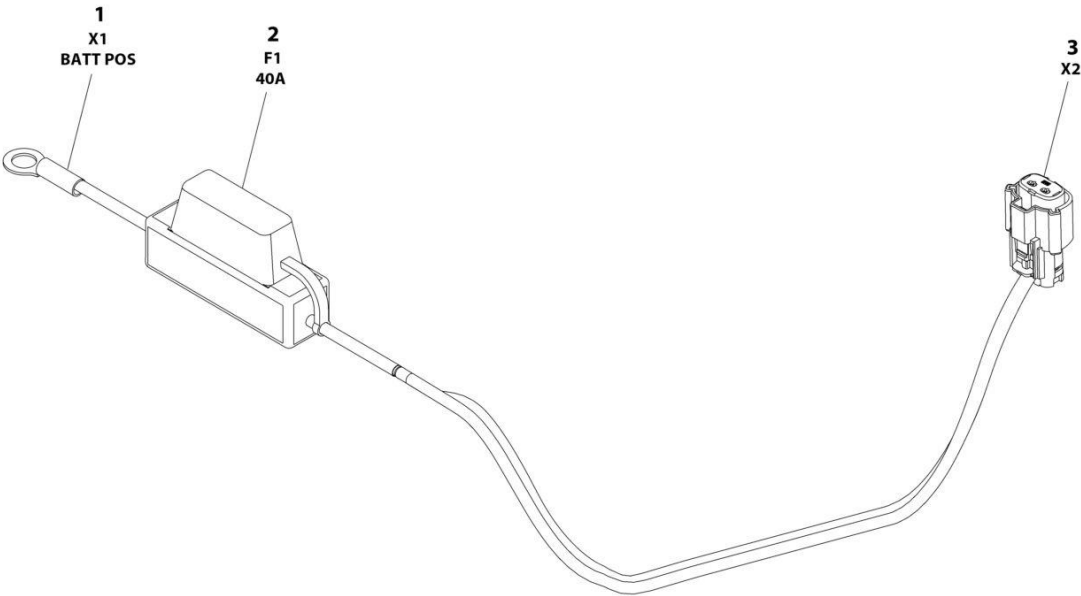
SECTION 8 - ELECTRICAL

FIGURE 8-38. FUEL HARNESS - DEUTZ D2.9L4 ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173342	Ref	FUEL HARNESS - DEUTZ D2.9L4 ENGINE	C
1	4460932	1	Receptacle, Female - 4 Position	
1	4460464	2	Pin, Male	
1	4460941	2	Pin, Male	
2	1001116983	1	Plug, Male - 2 Position	
2	1001116710	2	Socket, Female	
3	4460891	1	Plug, Male - 2 Position	
3	4460942	2	Socket, Female	
4	4460897	1	Receptacle, Female - 2 Position	
4	4460941	2	Pin, Male	
5	8220051	2	Coupler, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-39. FUEL HARNESS - KUBOTA ENGINE



ART_1001229798

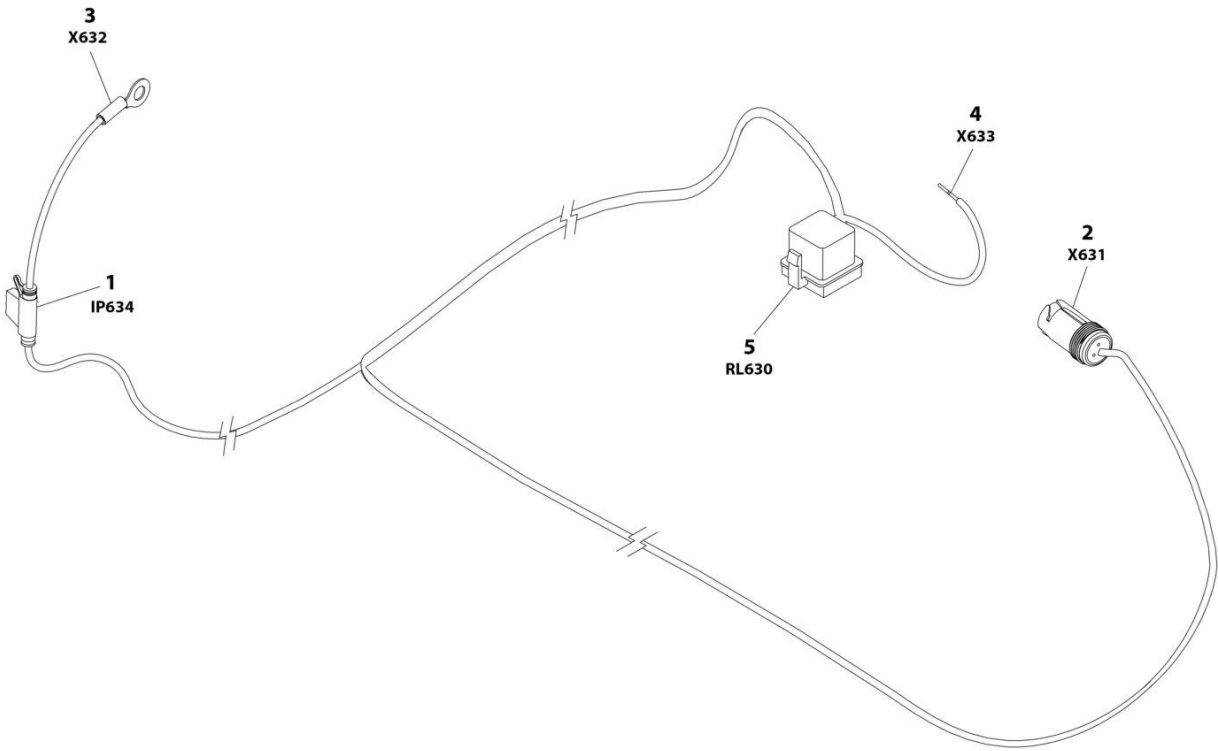
SECTION 8 - ELECTRICAL

FIGURE 8-39. FUEL HARNESS - KUBOTA ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229798	Ref	FUEL HARNESS - KUBOTA ENGINE	A
1	4460977	1	Terminal, Ring	
2	2400082	1	Fuse 40Amp	
3	1001229795	1	Connector - 2 Position	
3	1001229796	1	Socket, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-40. GENERATOR HARNESS - 2500W



ART_1001187522

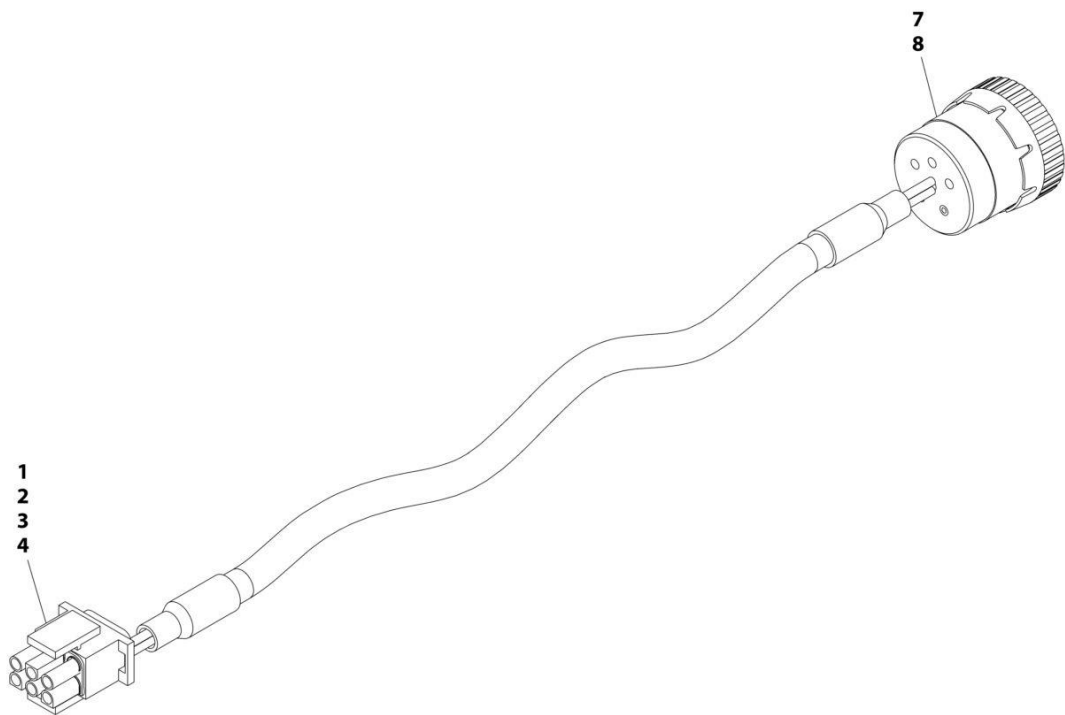
SECTION 8 - ELECTRICAL

FIGURE 8-40. GENERATOR HARNESS - 2500W

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187522	Ref	GENERATOR HARNESS - 2500W	B
1	2400066	1	Fuseholder - 30Amp (Includes Cover)	
1	8229245	1	Fuse 30Amp	
2	1001154726	1	Receptacle, Female - 3 Position	
2	4460464	2	Pin, Male	
2	4460466	1	Plug, Terminal	
3	8220045	1	Terminal, Ring	
4	4460906	1	Socket, Female	
5	1001117057	1	Connector, Relay	
5	1001116734	2	Terminal	
5	1001116732	2	Terminal	
5	3740080	1	Relay	

SECTION 8 - ELECTRICAL

FIGURE 8-41. GENERATOR HARNESS - 4000W



ART_1001152532

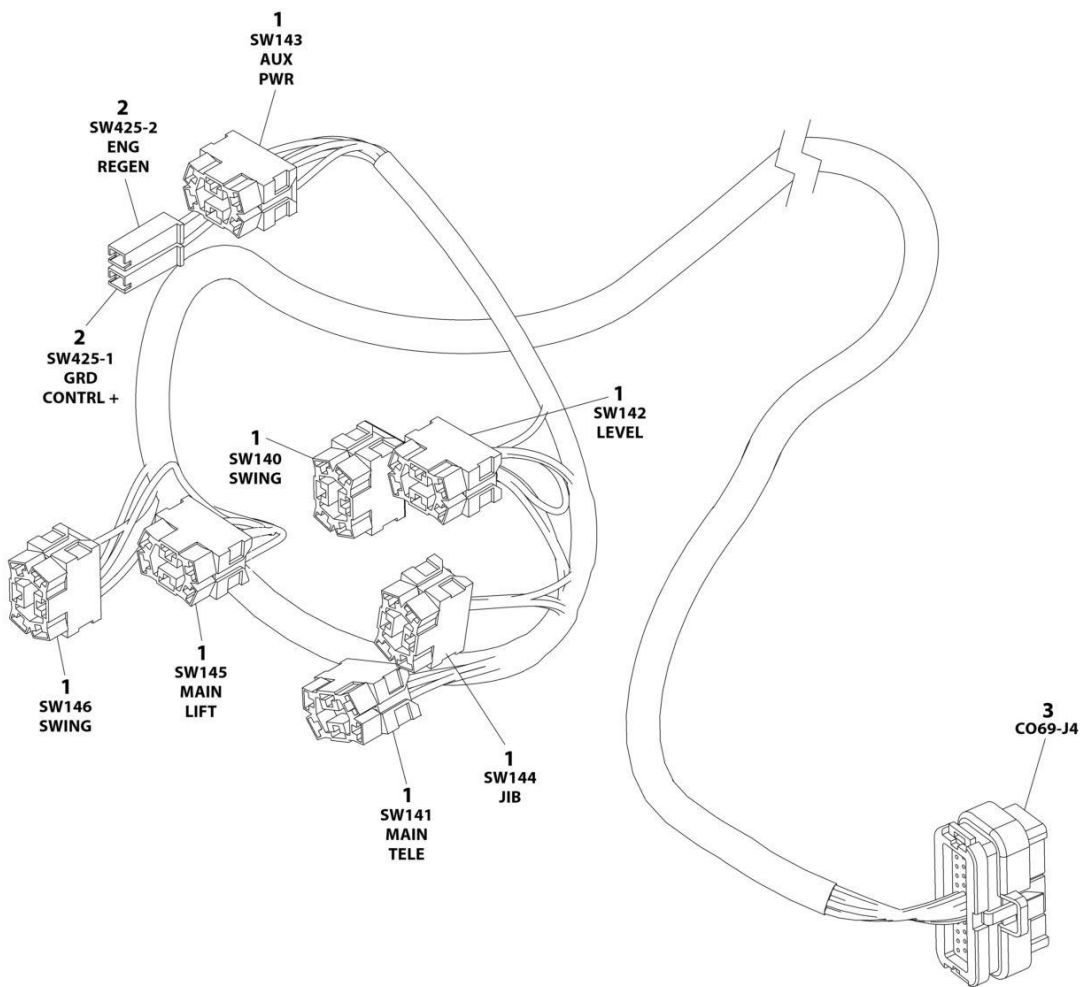
SECTION 8 - ELECTRICAL

FIGURE 8-41. GENERATOR HARNESS - 4000W

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 8-42. GROUND CONTROL BOX HARNESS



ART_1001238161

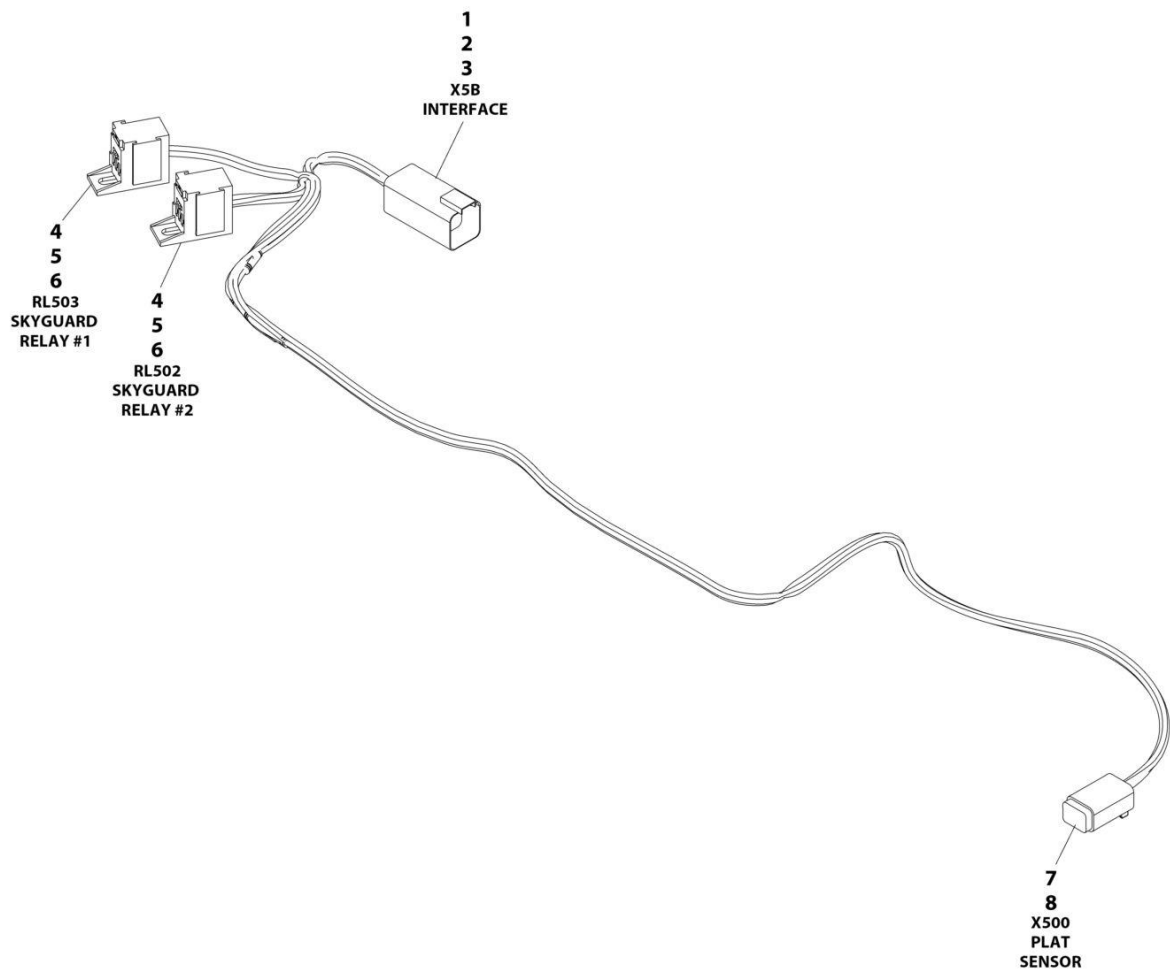
SECTION 8 - ELECTRICAL

FIGURE 8-42. GROUND CONTROL BOX HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238161	Ref	GROUND CONTROL BOX HARNESS	C
1	4460418	7	Connector - 6 Position	
1	4460419	27	Terminal	
2	4460260	2	Housing, Terminal	
2	4460259	2	Terminal	
3	4460876	1	Connector - 35 Position	
3	4460871	16	Socket, Female	
3	4460905	19	Plug, Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-43. INTERFACE HARNESS - WITH 1 CELL LSS



ART_1001225580_E

SECTION 8 - ELECTRICAL

FIGURE 8-43. INTERFACE HARNESS - WITH 1 CELL LSS

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	

618

400S_460SJ



SECTION 8 - ELECTRICAL

FIGURE 8-44. PLATFORM CONSOLE BOX HARNESS

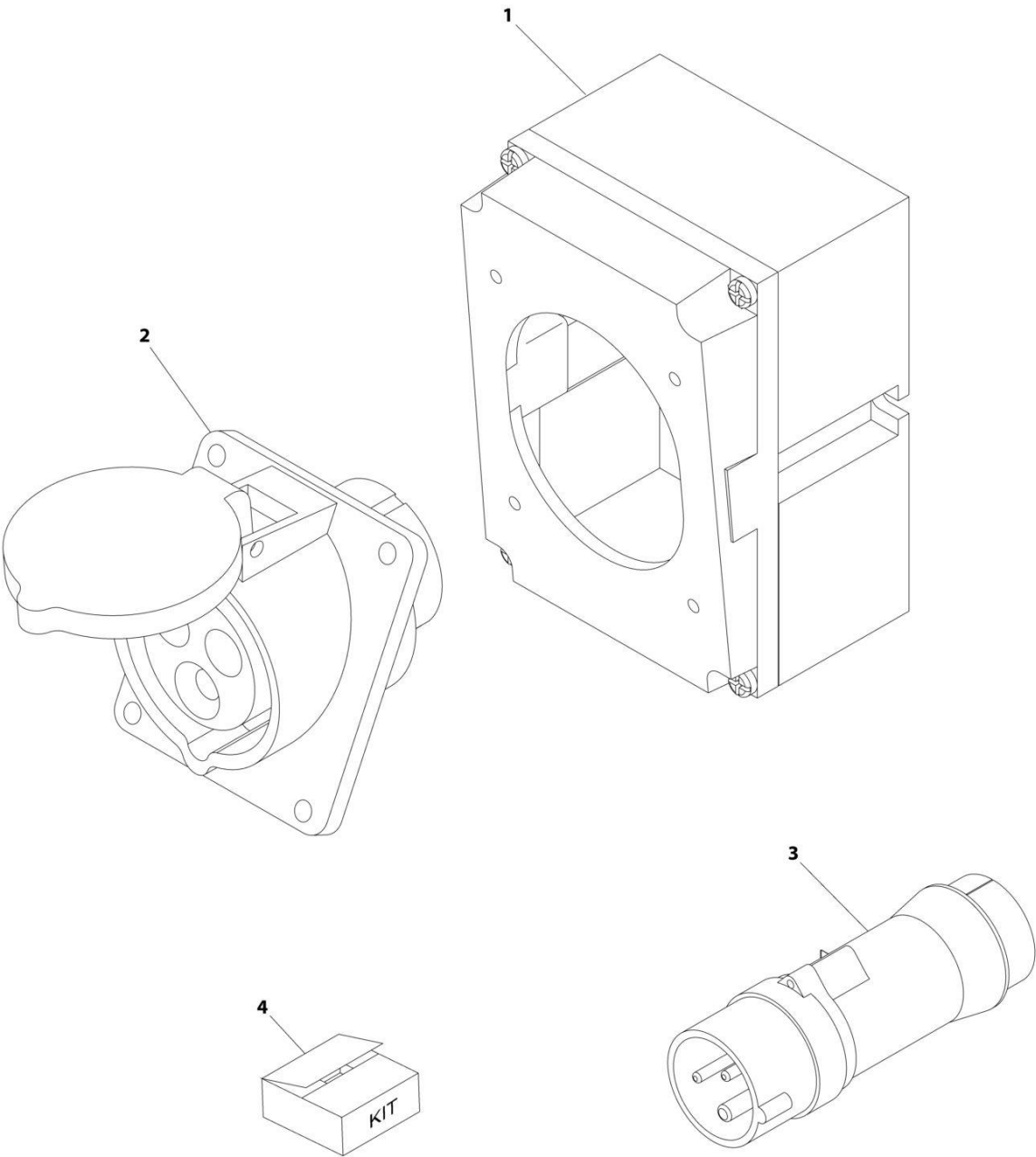
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238254	Ref	PLATFORM CONSOLE BOX HARNESS	H
1	4460933	1	Plug, Male - 12 Position	
1	4460465	10	Socket, Female	
1	4460466	2	Plug, Terminal	
2	4460536	1	Receptacle, Female - 3 Position	
2	4460464	2	Pin, Male	
2	4460466	1	Plug, Terminal	
3	4460539	1	Plug, Male - 3 Position	
3	4460465	2	Socket, Female	
3	4460466	1	Plug, Terminal	
4	4460873	1	Connector - 35 Position	
4	4460871	21	Socket, Female	
4	4460905	14	Plug, Terminal	
5	4460879	1	Plug, Male - 2 Position	
5	4460887	2	Terminal	
6	4460761	1	Receptacle, Female - 4 Position	
6	4460267	4	Pin, Male	
7	1001098122	2	Terminal, Ring	
8	4460894	1	Plug, Male - 6 Position	
8	4460465	6	Socket, Female	
9	4460970	1	Receptacle, Female - 12 Position	
9	1001116693	9	Pin, Male	
9	4460466	1	Plug, Terminal	
9	4460464	2	Pin, Male	
10	4460875	1	Connector - 35 Position	
10	4460871	12	Socket, Female	
10	4460905	23	Plug, Terminal	
11	4460874	1	Connector - 35 Position	
11	4460871	27	Socket, Female	
11	4460905	8	Plug, Terminal	
12	1001213447	1	Connector - 4 Position	
12	See Note	NSS	Terminal (Note: Purchase p/n 1001213447)	
13	4460866	1	Connector - 19 Position	
13	4460464	5	Pin, Male	
13	4460466	11	Plug, Terminal	
13	4460508	1	Pin, Male	
14	4460434	1	Connector - 15 Position	
14	4460267	8	Pin, Male	
15	4460418	10	Connector - 6 Position	
15	4460419	45	Terminal	
16	4460260	6	Housing, Terminal	
16	4460259	8	Terminal	
17	1001271497	2	Terminal	
18	1001237667	1	Plug, Male - 6 Position	
18	1001237668	4	Terminal	
19	4460183	2	Terminal, Fork	
20	4460225	1	Plug, Male - 6 Position	
20	4460227	6	Pin, Male (Note: Used on Pump Potentiometer Connection Only)	
21	2400060	1	Fuse Holder	
102	4460708	1	Connector, Bussbar - 15 Position	

SECTION 8 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
103	1001125677	1	Connector, Bussbar - 12 Posititon	

SECTION 8 - ELECTRICAL

FIGURE 8-45. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE & UK CA SPEC)



ART_0275216

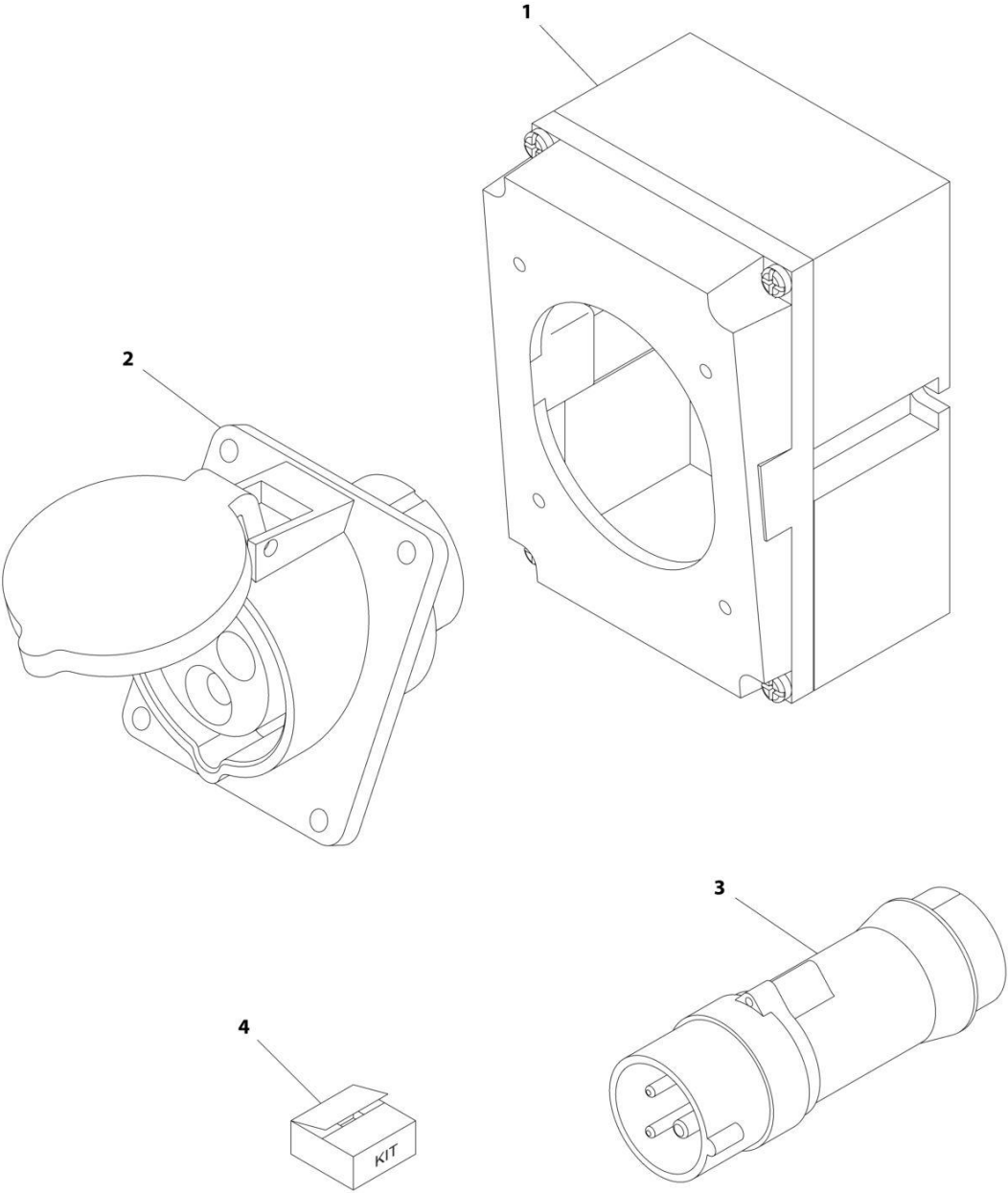
SECTION 8 - ELECTRICAL

FIGURE 8-45. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE & UK CA SPEC)

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 8-46. RECEPTACLE BOX KIT - 220V IEC BLUE (CE & UK CA SPEC)



ART_0275217

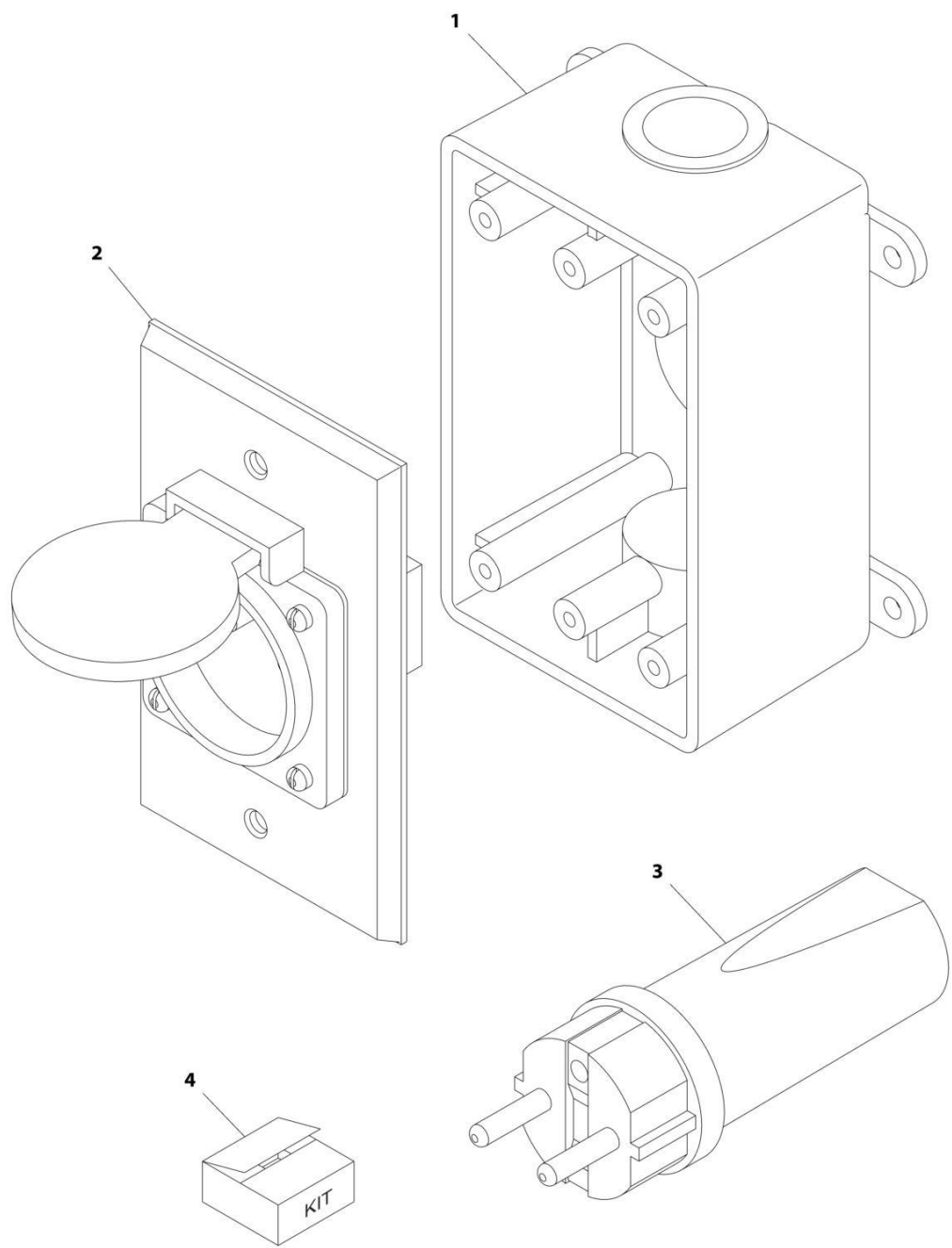
SECTION 8 - ELECTRICAL

FIGURE 8-46. RECEPTACLE BOX KIT - 220V IEC BLUE (CE & UK CA SPEC)

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 8-47. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2IN X 4IN (CE & UK CA SPEC)



ART_0275452

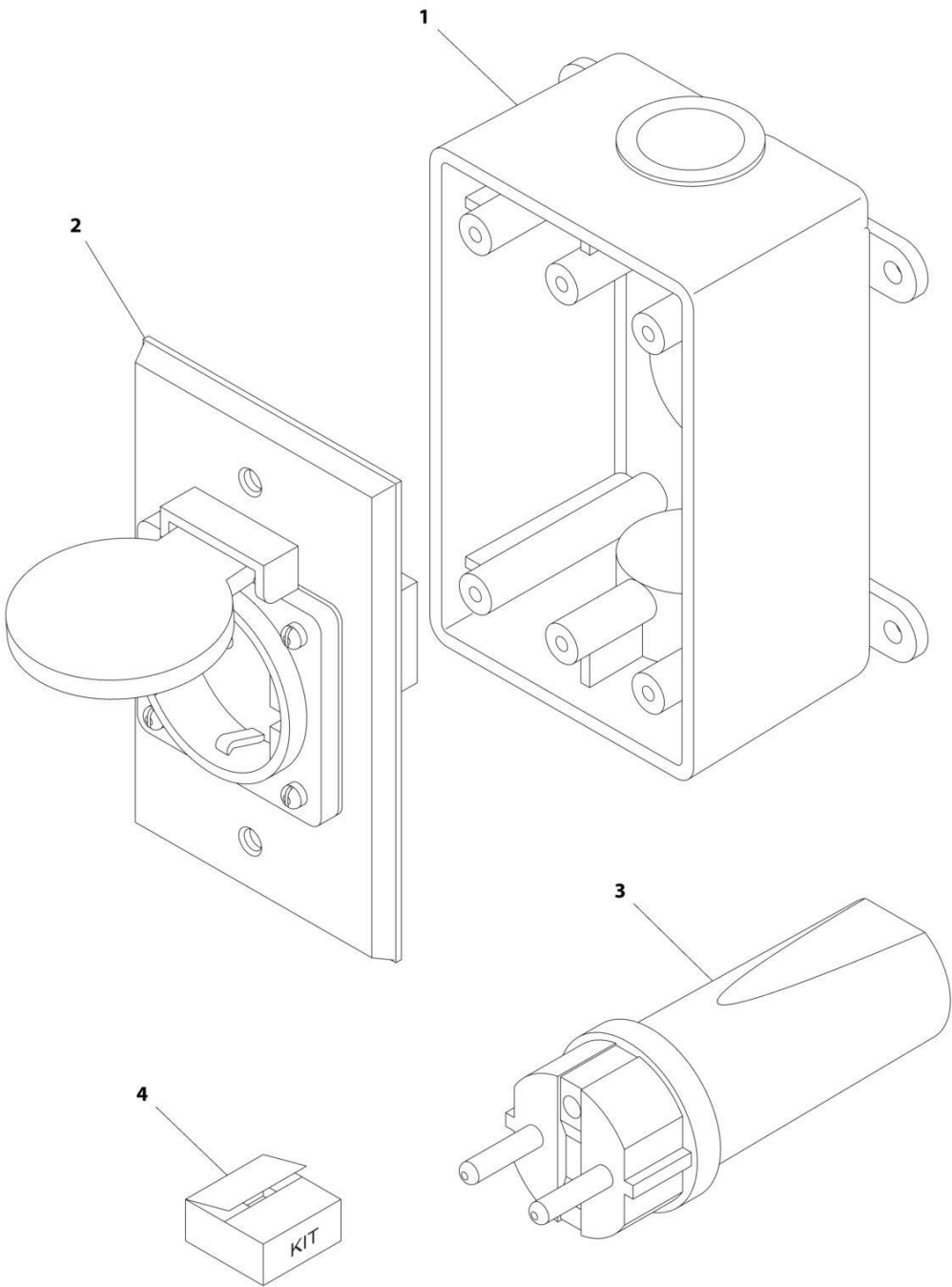
SECTION 8 - ELECTRICAL

FIGURE 8-47. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2IN X 4IN (CE & UK CA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275452	Ref	RECEPTACLE BOX KIT - 220V CEE7 POST GROUND	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 4461206)	

SECTION 8 - ELECTRICAL

FIGURE 8-48. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND 2IN X 4IN (CE & UK CA SPEC)



ART_0275453

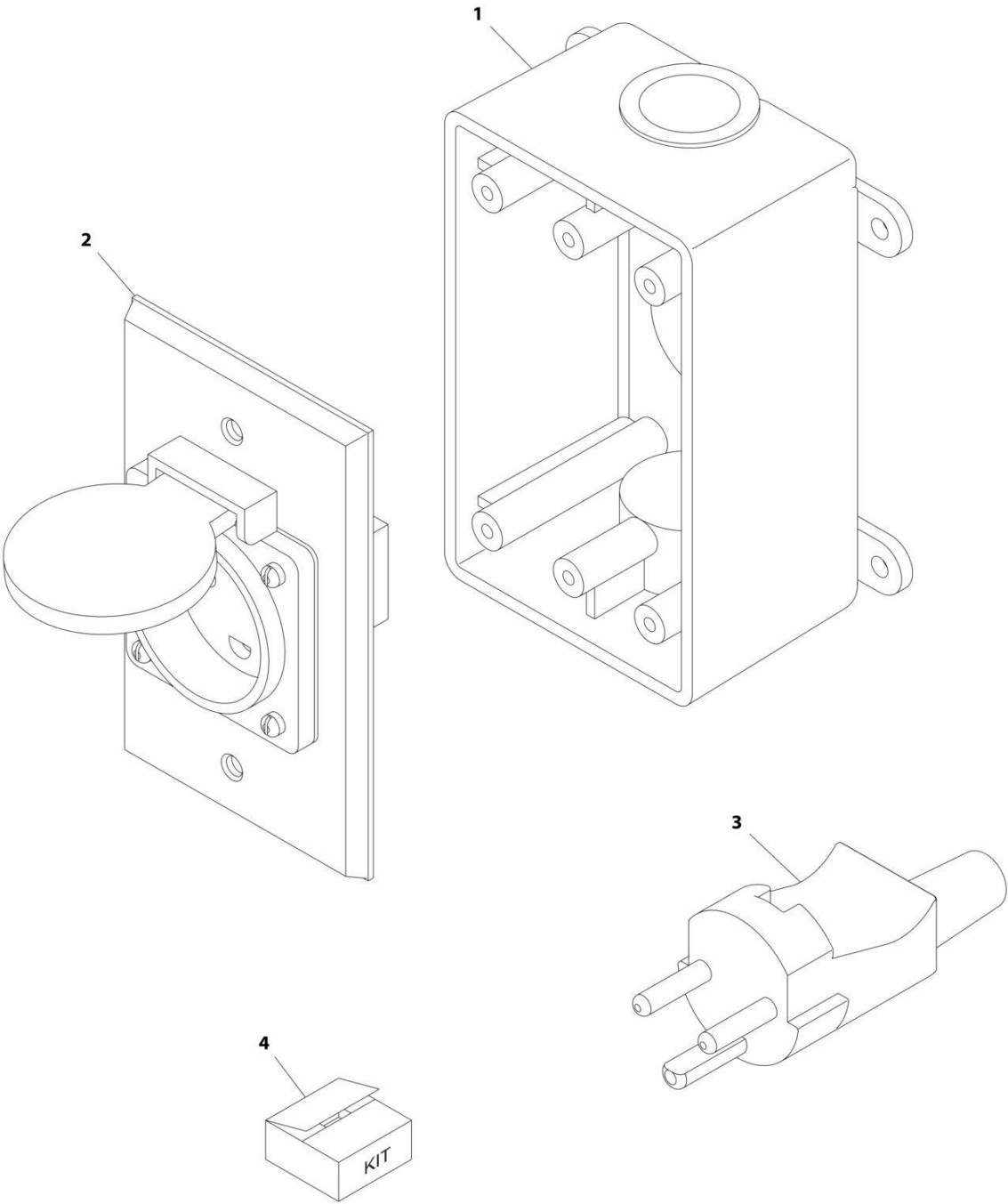
SECTION 8 - ELECTRICAL

FIGURE 8-48. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND 2IN X 4IN (CE & UK CA SPEC)

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 8-49. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE & UK CA SPEC)



ART_0275454

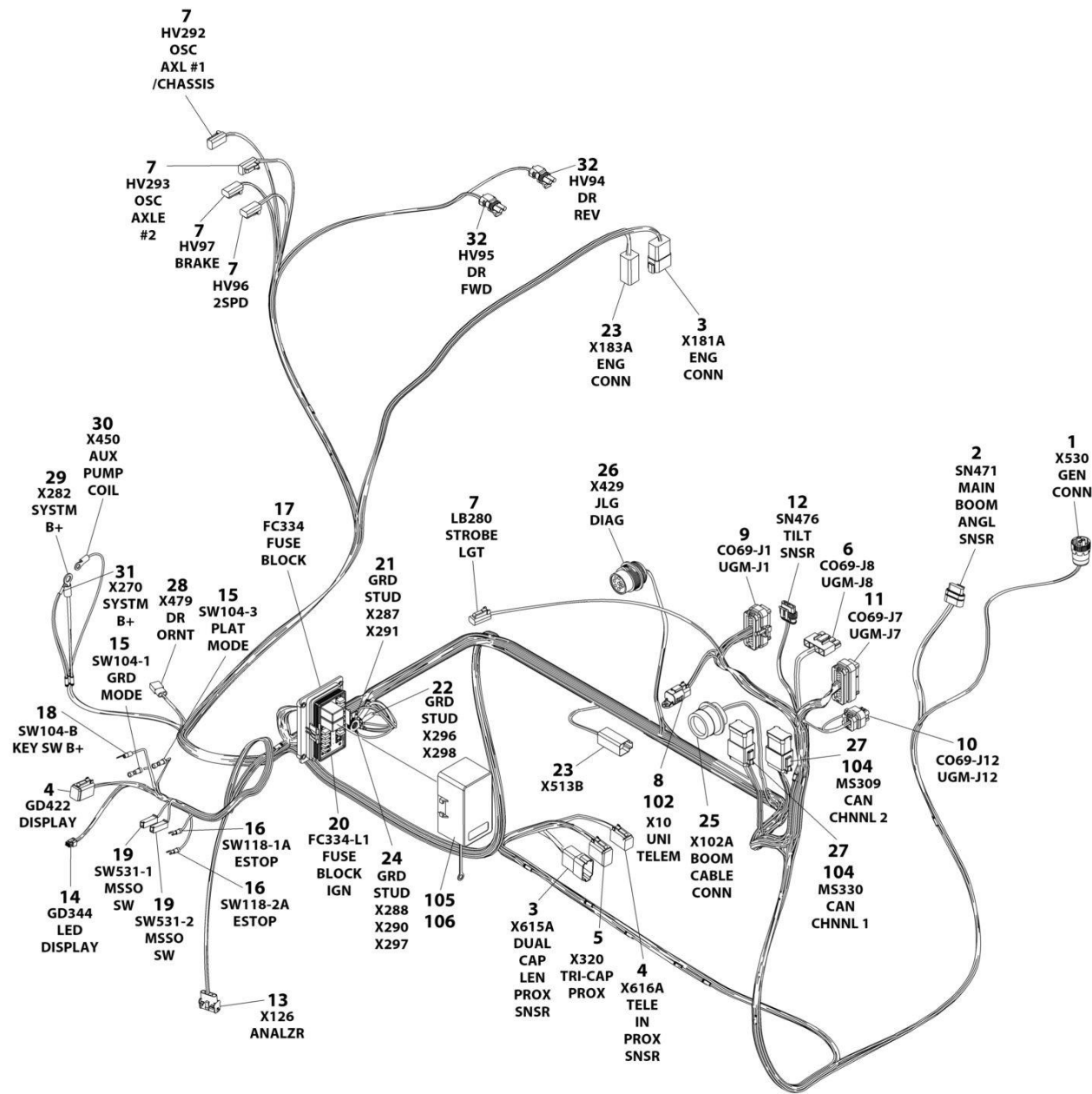
SECTION 8 - ELECTRICAL

FIGURE 8-49. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE & UK CA SPEC)

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 8-50. TURNTABLE HARNESS



ART_1001237849

SECTION 8 - ELECTRICAL

FIGURE 8-50. TURNTABLE HARNESS

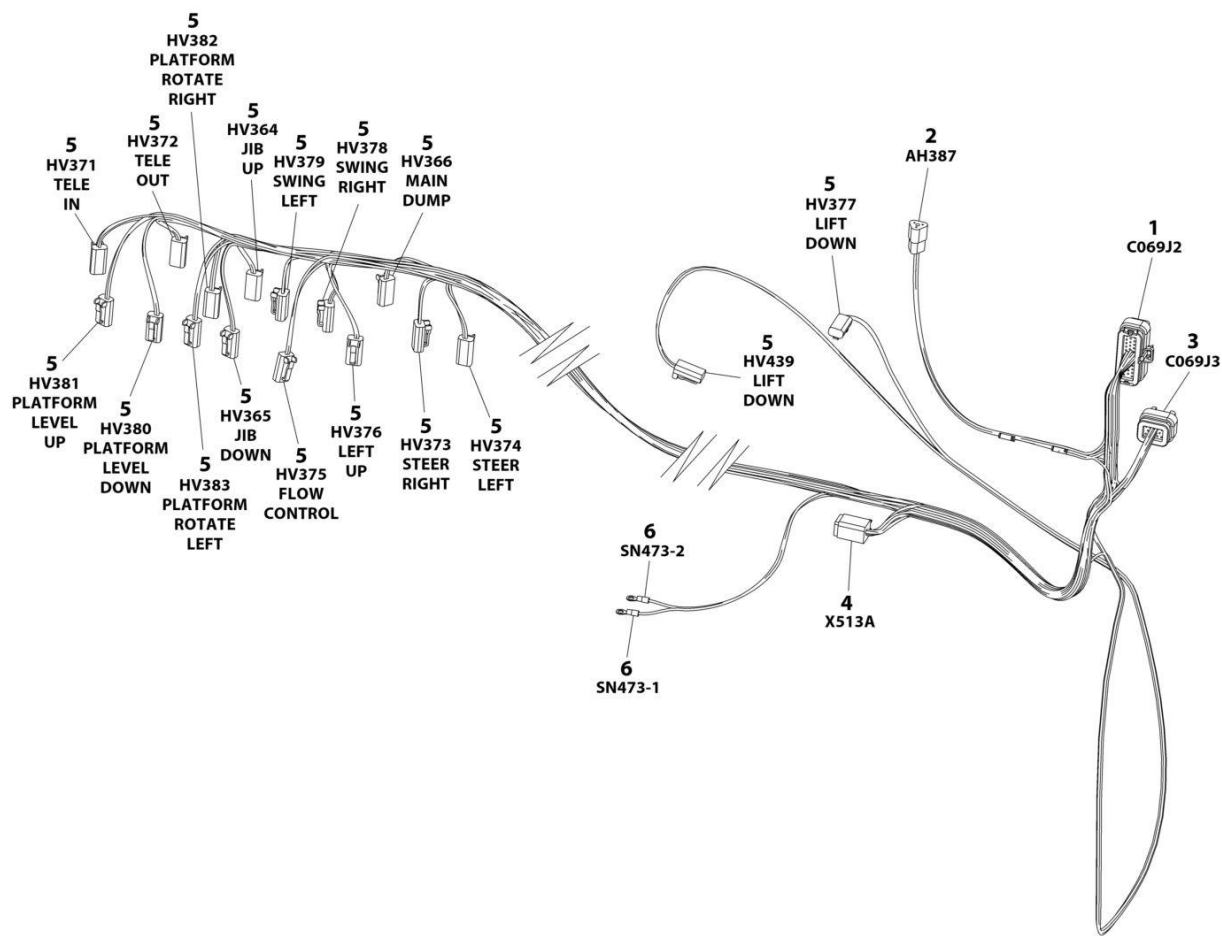
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237849	Ref	TURNTABLE HARNESS	G
1	4460967	1	Connector - 3 Position	
1	4460465	3	Socket, Female	
2	1001230931	1	Plug, Male - 6 Position	
2	1001116748	6	Terminal, Female	
3	4460931	2	Receptacle, Female - 8 Position	
3	4460464	11	Pin, Male	
3	4460466	5	Plug, Terminal	
4	4460894	2	Plug, Male - 6 Position	
4	4460465	10	Socket, Female	
4	4460466	2	Plug, Terminal	
5	4460930	1	Plug, Male - 8 Position	
5	4460465	6	Socket, Female	
5	4460466	2	Plug, Terminal	
6	4460878	1	Plug, Male - 4 Position	
6	4460887	AR	Terminal	
7	4460891	5	Plug, Male - 2 Position	
7	4460465	10	Socket, Female	
8	4460884	1	Plug, Male - 4 Position	
8	4460465	4	Socket, Female	
9	4460874	1	Connector - 35 Position	
9	4460871	22	Socket, Female	
9	4460905	13	Plug, Terminal	
10	1001113961	1	Plug, Male - 8 Position	
10	4460871	5	Socket, Female	
10	4460905	3	Plug, Terminal	
11	4460873	1	Connector - 35 Position	
11	4460871	35	Socket, Female	
11	4460905	10	Plug, Terminal	
12	1001103012	1	Plug, Male - 4 Position	
12	1001107854	2	Socket, Female	
12	1001196589	2	Terminal	
12	1001116763	AR	Seal, Red	
12	1001104498	4	Seal, Yellow	
13	1001119032	1	Receptacle, Female - 4 Position	
13	1001118378	4	Pin, Male	
14	1001237667	1	Plug, Male - 6 Position	
14	1001237668	5	Terminal	
15	4460042	2	Terminal, Fork	
16	4460183	2	Terminal, Fork	
17	1001196602	1	Fuse Box Assembly	
17	8220098	AR	Terminal	
17	1001116725	6	Terminal	
17	8220097	18	Terminal	
17	4460748	10	Plug, Terminal	
17	4460458	AR	Seal	
17	80963067	6	Seal (for 1001116725 Terminal)	
17	1001196636	2	Connector with Diode	
17	8229244	3	Fuse 15Amp	
17	8229242	6	Fuse 5Amp	

SECTION 8 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
17	1001196634	2	Fuse - 2 Amp	
17	1001095704	2	Relay 35Amp	
18	4460313	1	Terminal, Fork	
19	4460260	2	Housing, Terminal	
19	4460259	2	Terminal	
20	1001117106	1	Terminal, Ring	
21	1001187078	2	Terminal, Ring	
22	1001117110	2	Terminal, Ring	
23	4460899	2	Connector - 6 Position	
23	4460464	7	Pin, Male	
23	4460466	5	Plug, Terminal	
24	1001187077	3	Terminal, Ring	
25	4460866	1	Connector - 19 Position	
25	4460464	6	Pin, Male	
25	4460508	2	Pin, Male	
25	4460466	11	Plug, Terminal	
26	1001112612	1	Connector - 9 Position	
26	4460464	5	Pin, Male	
26	4460466	4	Plug, Terminal	
27	4460933	2	Plug, Male - 12 Position	
27	4460465	16	Socket, Female	
27	4460466	8	Plug, Terminal	
27	1001119020	2	Bussbar - 12 Position	
28	4460424	1	Plug, Male - 2 Position	
28	4460226	2	Socket, Female	
29	8220045	1	Terminal, Ring	
30	4460702	1	Terminal, Ring	
31	4460703	1	Terminal, Ring	
32	4460742	2	Plug, Male - 2 Position	
32	4460743	1	Socket, Female	
32	4460458	4	Seal	
102	1001192401	1	Cap, Dust	
104	1001125677	2	Bussbar - 12 Position	
105	1001196604	1	Cover, Fuse Box	
106	1001190921	1	Seal, Cover	

SECTION 8 - ELECTRICAL

FIGURE 8-51. VALVE HARNESS - MAIN VALVE



ART_1001238160

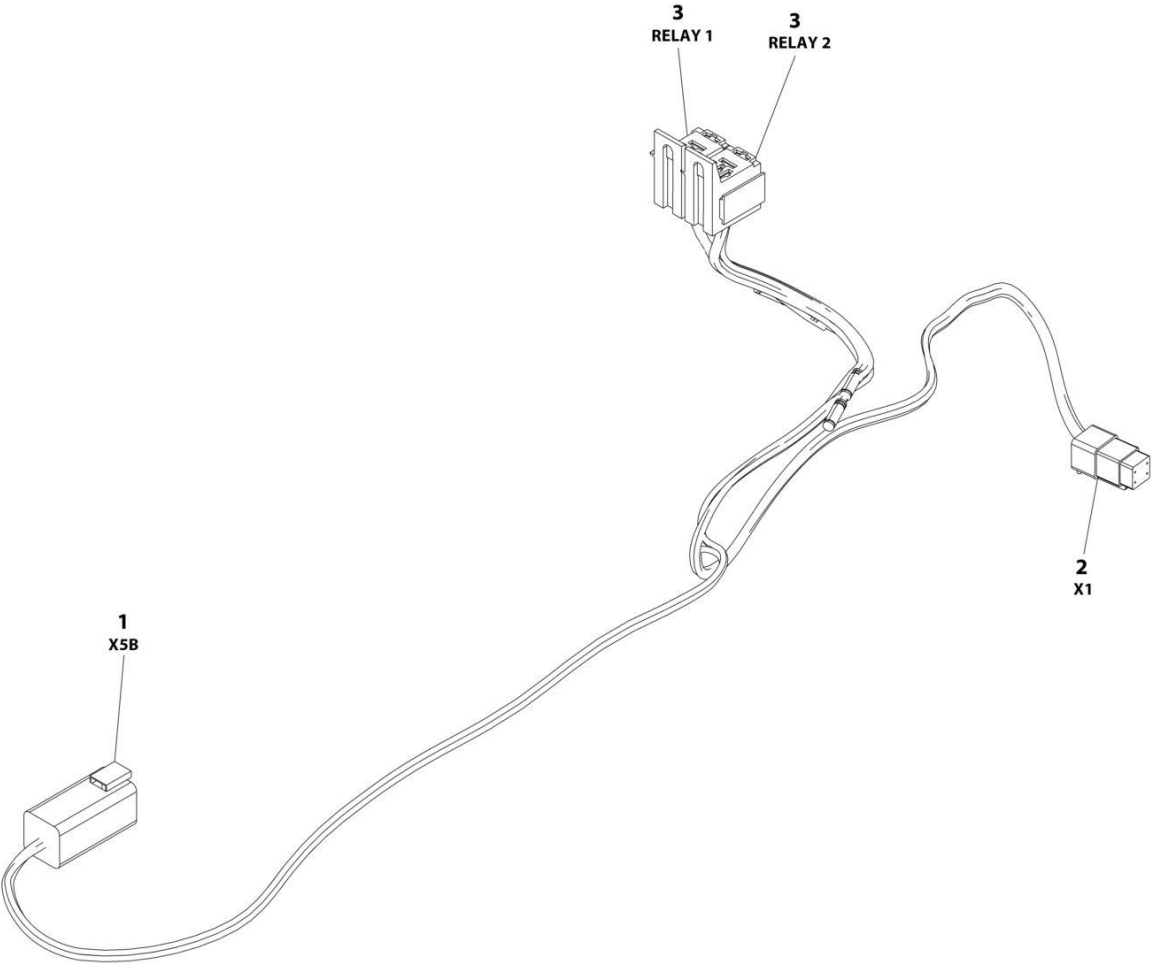
SECTION 8 - ELECTRICAL

FIGURE 8-51. VALVE HARNESS - MAIN VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238160	Ref	VALVE HARNESS - MAIN VALVE	C
1	4460875	1	Connector - 35 Position	
1	4460871	27	Socket, Female	
1	4460905	8	Plug, Terminal	
2	4460539	1	Plug, Male - 3 Position	
2	4460465	3	Socket, Female	
3	4460872	1	Connector - 14 Position	
3	4460871	8	Socket, Female	
3	4460905	6	Plug, Terminal	
4	4460894	1	Plug, Male - 6 Position	
4	4460465	5	Socket, Female	
4	4460466	1	Plug, Terminal	
5	4460891	17	Plug, Male - 2 Position	
5	4460465	34	Socket, Female	
6	4460313	2	Terminal, Ring	

SECTION 8 - ELECTRICAL

FIGURE 8-52. SKYLINE HARNESS



ART_1001238418

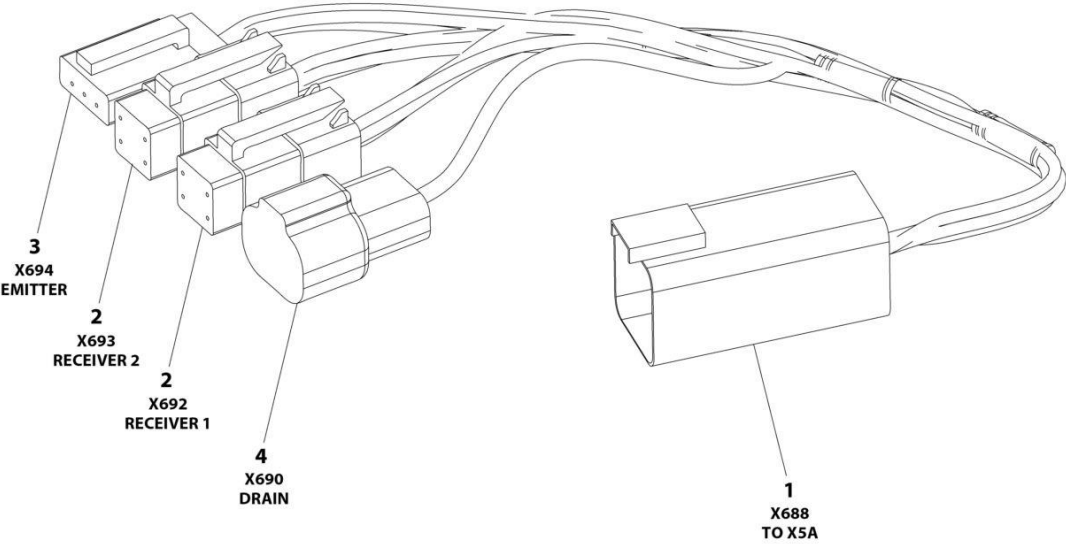
SECTION 8 - ELECTRICAL

FIGURE 8-52. 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 8-53. SKYEYE INTERMEDIATE HARNESS



ART_1001237865

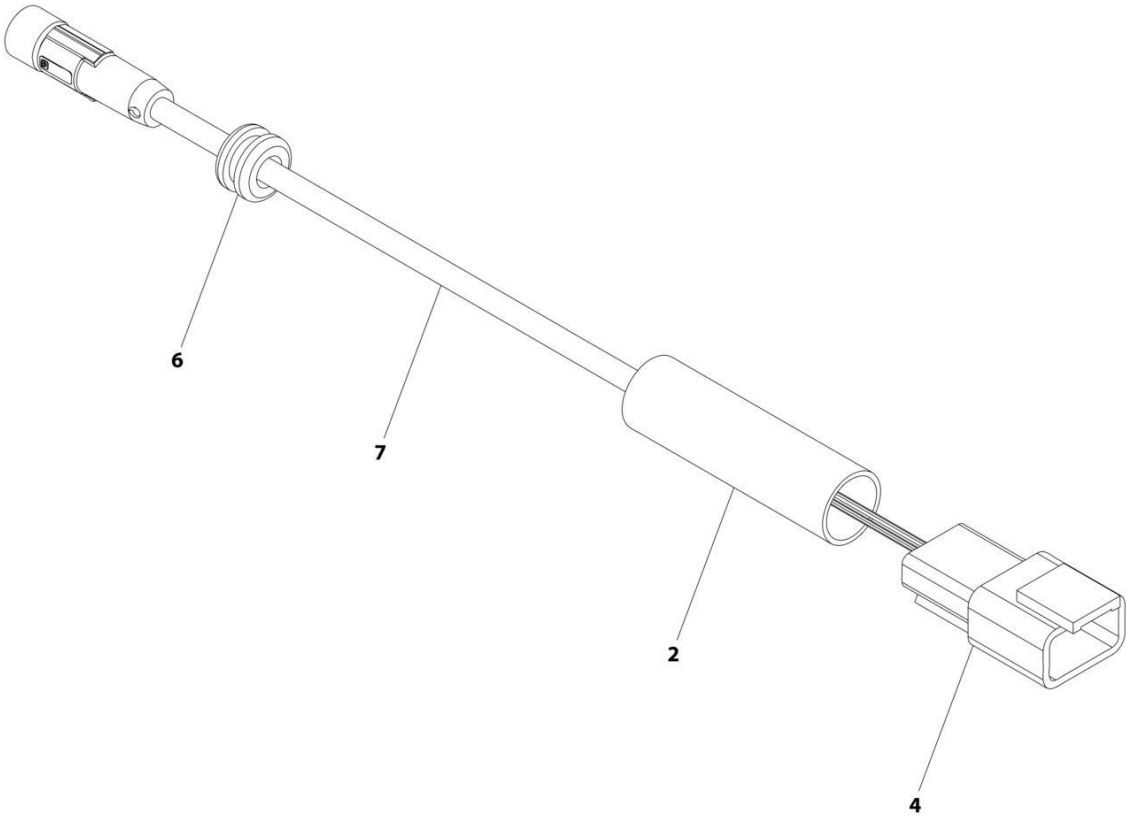
SECTION 8 - ELECTRICAL

FIGURE 8-53. 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 8-54. SKYEYE RECEIVER HARNESS



ART_1001237863_B

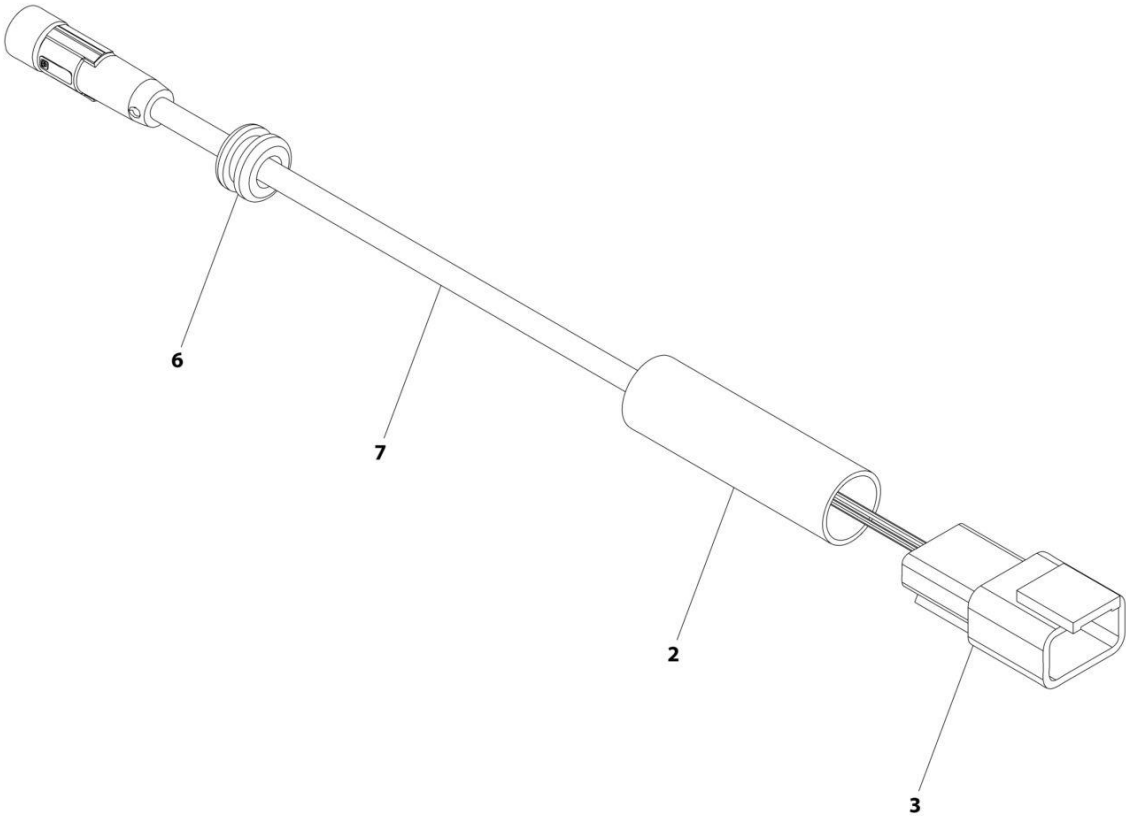
SECTION 8 - ELECTRICAL

FIGURE 8-54. SKYEYE RECEIVER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237863	Ref	SKYEYE RECEIVER HARNESS	B
2	2820247	AR	Tubing, Heat Shrink	
4	1001097051	1	Connector - 4 Position	
4	1001119620	4	Pin, Male	
6	1001227996	1	Grommet	
7	1001258495	1	Cable, M8 Female Cordset	

SECTION 8 - ELECTRICAL

FIGURE 8-55. SKYEYE EMITTER HARNESS



ART_1001237864_B

SECTION 8 - ELECTRICAL

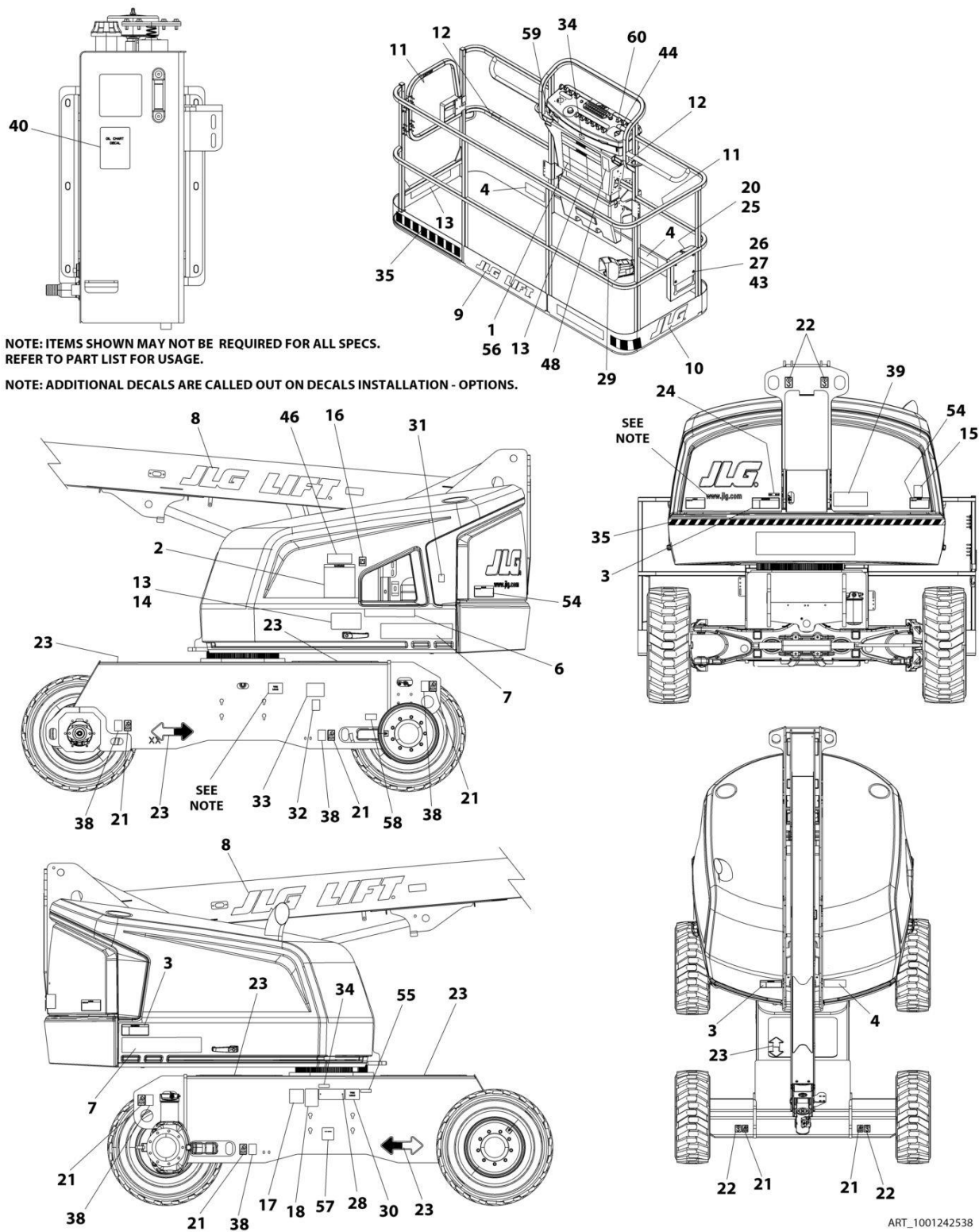
FIGURE 8-55. SKYEYE EMITTER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237864	Ref	SKYEYE EMITTER HARNESS	B
2	2820247	AR	Tubing, Heat Shrink	
3	4460910	1	Connector - 3 Position	
3	1001119620	3	Pin, Male	
6	1001227996	1	Grommet	
7	1001258495	1	Cable, M8 Female Cordset	

SECTION 9 - DECAL

SECTION 9 - DECAL

FIGURE 9-1. DECAL INSTALLATION - ANSI, ANSI EXPORT AND CSA SPECS - ENGLISH (400S)



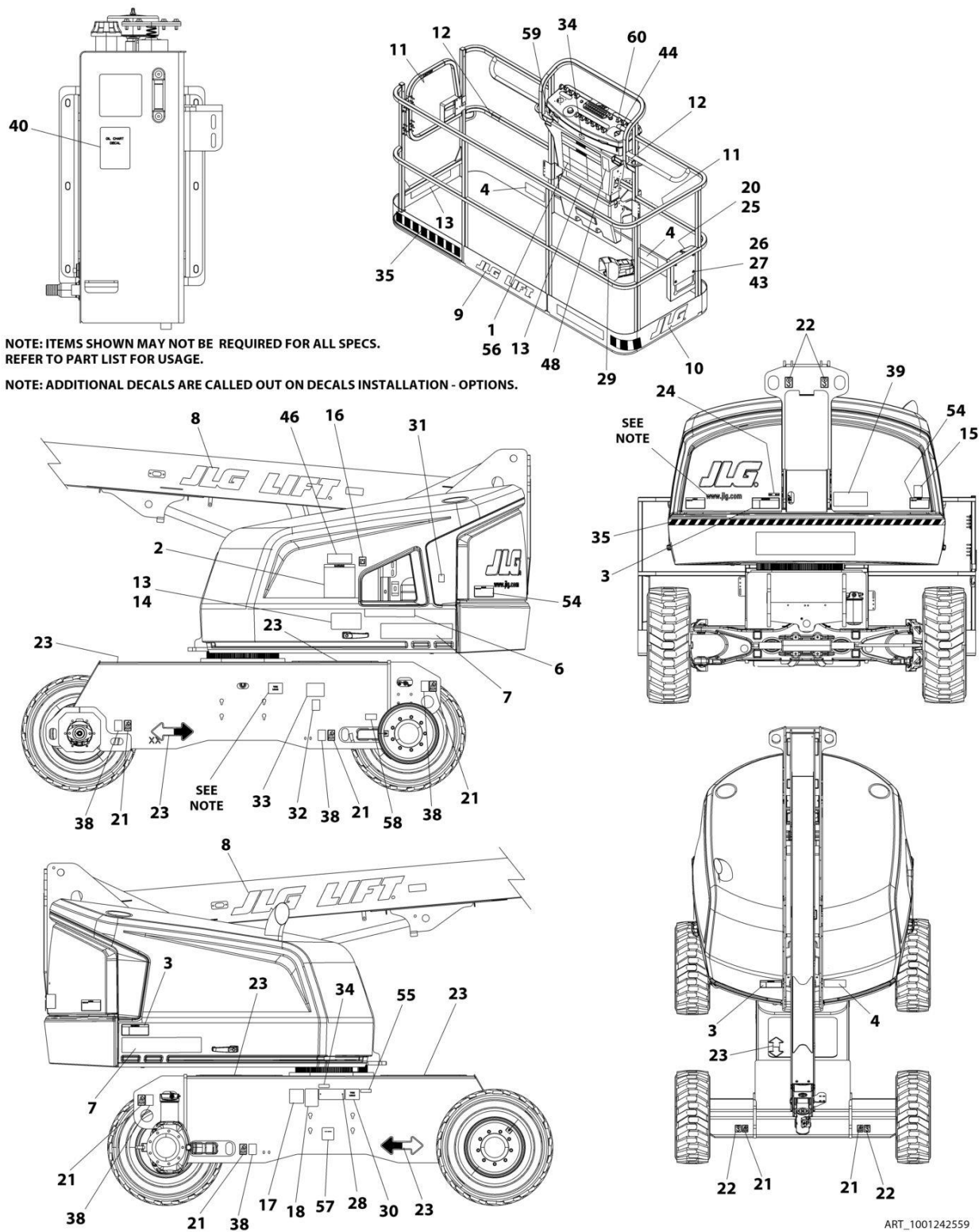
SECTION 9 - DECAL

FIGURE 9-1. DECAL INSTALLATION - ANSI, ANSI EXPORT AND CSA SPECS - ENGLISH (400S)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250764	Ref	DECAL INSTALLATION - REFERENCE CHART	I
	1001242538	Ref	DECAL INSTALLATION - ENGLISH (400S)	E
1	1703797	1	Decal - Danger/Warning (Platform)	
2	1703798	1	Decal - Danger/Warning (Ground Control)	
3	1703805	4	Decal - Danger/Electrocution	
4	1703804	4	Decal - Warning Crushing	
11	1702868	2	Decal - No Hands	
13	1001254665	1	Decal - Capacity (Platform)	
14	1001254666	1	Decal - Capacity (Ground Control)	
16	1701504	1	Decal - Hydraulic Oil	
17	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
18	1001131269	1	Decal - Patent	
20	1701509	1	Decal - Manual	
21	1702300	8	Decal - Tie Down	
22	1701500	4	Decal - Lift	
23	1701529	4	Decal - Arrow	
24	3251243	1	Nameplate - 120V-60Hz	
25	0860520	1	Box, Manual Storage	
26	4751400	4	Washer, 1/4	
27	3311405	4	Nut, Lock 1/4	
28	3820001	2	Rivet	
29	3252347	1	Decal - Footswitch	
38	1701499	6	Decal - No Lift	
40	1704412	1	Decal - Hydraulic Oil Chart	
43	0641406	4	Bolt, 1/4 x 3/4	
44	1705351	1	Decal - Drive/Steer Instructions	
54	1703953	2	Decal - Warning Crushing	
57	1001223055	1	Decal - Yearly Inspection	
58	1001223453	1	Decal - ICES	

SECTION 9 - DECAL

FIGURE 9-2. DECAL INSTALLATION - ANSI, ANSI EXPORT AND CSA SPECS - ENGLISH (460SJ)



ART_1001242559

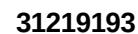
SECTION 9 - DECAL

FIGURE 9-2. DECAL INSTALLATION - ANSI, ANSI EXPORT AND CSA SPECS - ENGLISH (460SJ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250764	Ref	DECAL INSTALLATION - REFERENCE CHART	I
	1001242559	Ref	DECAL INSTALLATION - ENGLISH (460SJ)	E
1	1703797	1	Decal - Danger/Warning (Platform)	
2	1703798	1	Decal - Danger/Warning (Ground Control)	
3	1703805	3	Decal - Danger/Electrocution	
4	1703804	3	Decal - Warning Crushing	
11	1702868	2	Decal - No Hands	
13	1001254750	2	Decal - Warning Dual Capacity (ANSI)	
16	1701504	1	Decal - Hydraulic Oil	
17	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
18	1001131269	1	Decal - Patent	
20	1701509	1	Decal - Manual	
21	1702300	8	Decal - Tie Down	
22	1701500	4	Decal - Lift	
23	1701529	4	Decal - Arrow	
24	3251243	1	Nameplate - 120V-60Hz	
25	0860520	1	Box, Manual Storage	
26	4751400	4	Washer, 1/4	
27	3311405	4	Nut, Lock 1/4	
28	3820001	2	Rivet	
29	3252347	1	Decal - Footswitch	
38	1701499	6	Decal - No Lift	
40	1704412	1	Decal - Hydraulic Oil Chart	
43	0641406	4	Bolt, 1/4 x 3/4	
44	1705351	1	Decal - Drive/Steer Instructions	
54	1703953	2	Decal - Warning Crushing	
57	1001223055	1	Decal - Yearly Inspection	
58	1001223453	1	Decal - ICES	

652

400S_460SJ



ART_1001171382

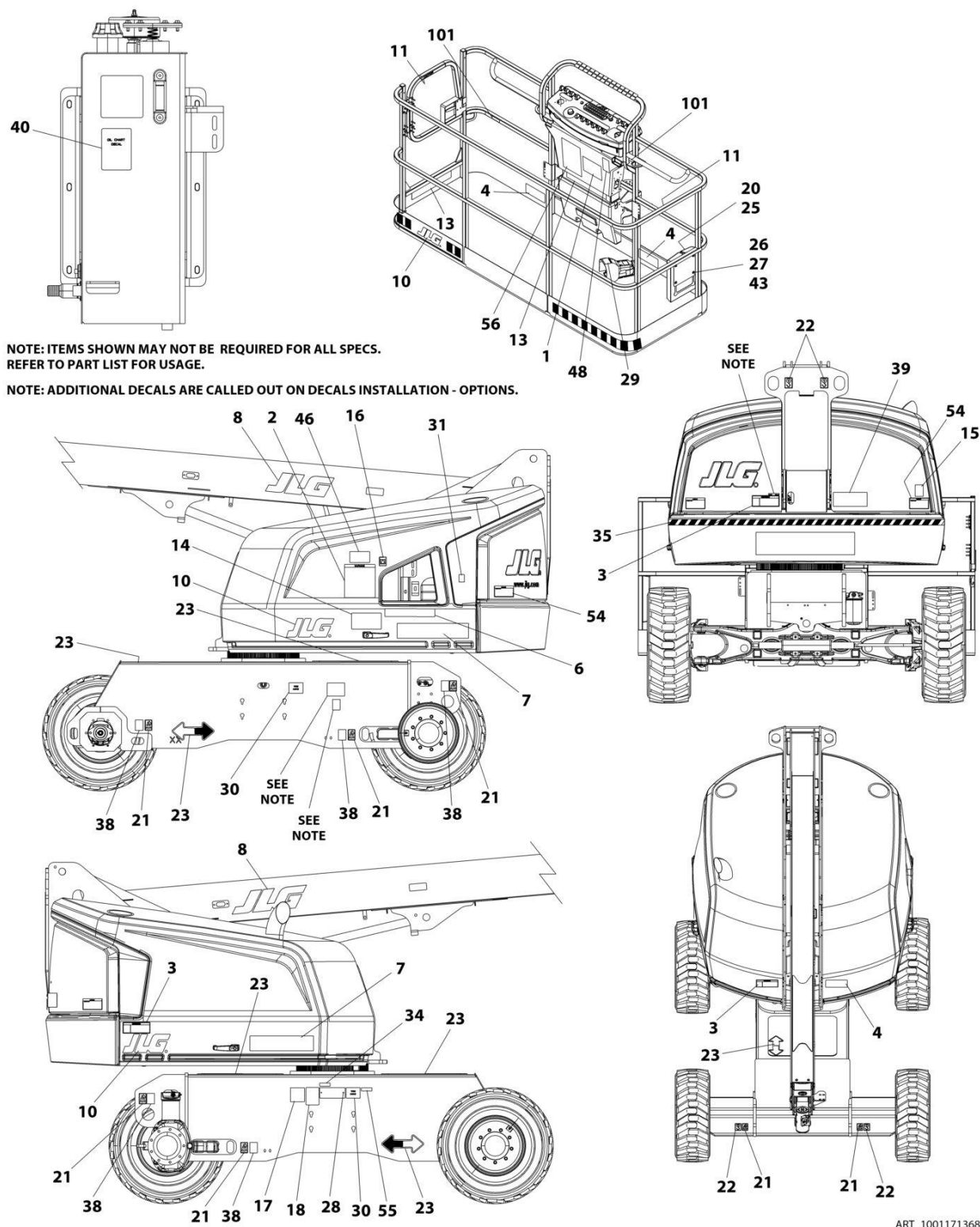
SECTION 9 - DECAL

FIGURE 9-3. DECAL INSTALLATION - AUSTRALIAN SPEC (460SJ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250764	Ref	DECAL INSTALLATION - REFERENCE CHART	I
	1001171382	Ref	DECAL INSTALLATION - AUSTRALIAN SPEC (460SJ)	H
1	1705921	1	Decal - Tipping/Electrocution (Platform)	
2	1705822	1	Decal - Electrocution/Safety Manual	
3	1705961	3	Decal - Electrocution	
13	1001171339	3	Decal - Capacity (Platform)	
15	1001204510	1	Decal - Sound Power Level	
16	1701504	1	Decal - Hydraulic Oil	
17	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
20	1701509	1	Decal - Manual	
21	1702300	8	Decal - Tie Down	
22	1701500	4	Decal - Lift	
23	1701529	4	Decal - Arrow	
25	0860520	1	Box, Manual Storage	
26	4751400	4	Washer, 1/4	
27	3311405	4	Nut, Lock 1/4	
28	3820001	2	Rivet	
29	1705828	1	Decal - Footswitch	
38	1701499	6	Decal - No Lift	
40	1704412	1	Decal - Hydraulic Oil Chart	
43	0641406	4	Bolt, 1/4 x 3/4	
46	1001112551	1	Decal - Emergency Controls	
54	1701518	5	Decal - Warning Crushing	

SECTION 9 - DECAL

FIGURE 9-4. DECAL INSTALLATION - CE & UK CA SPEC (460SJ)



ART_1001171368

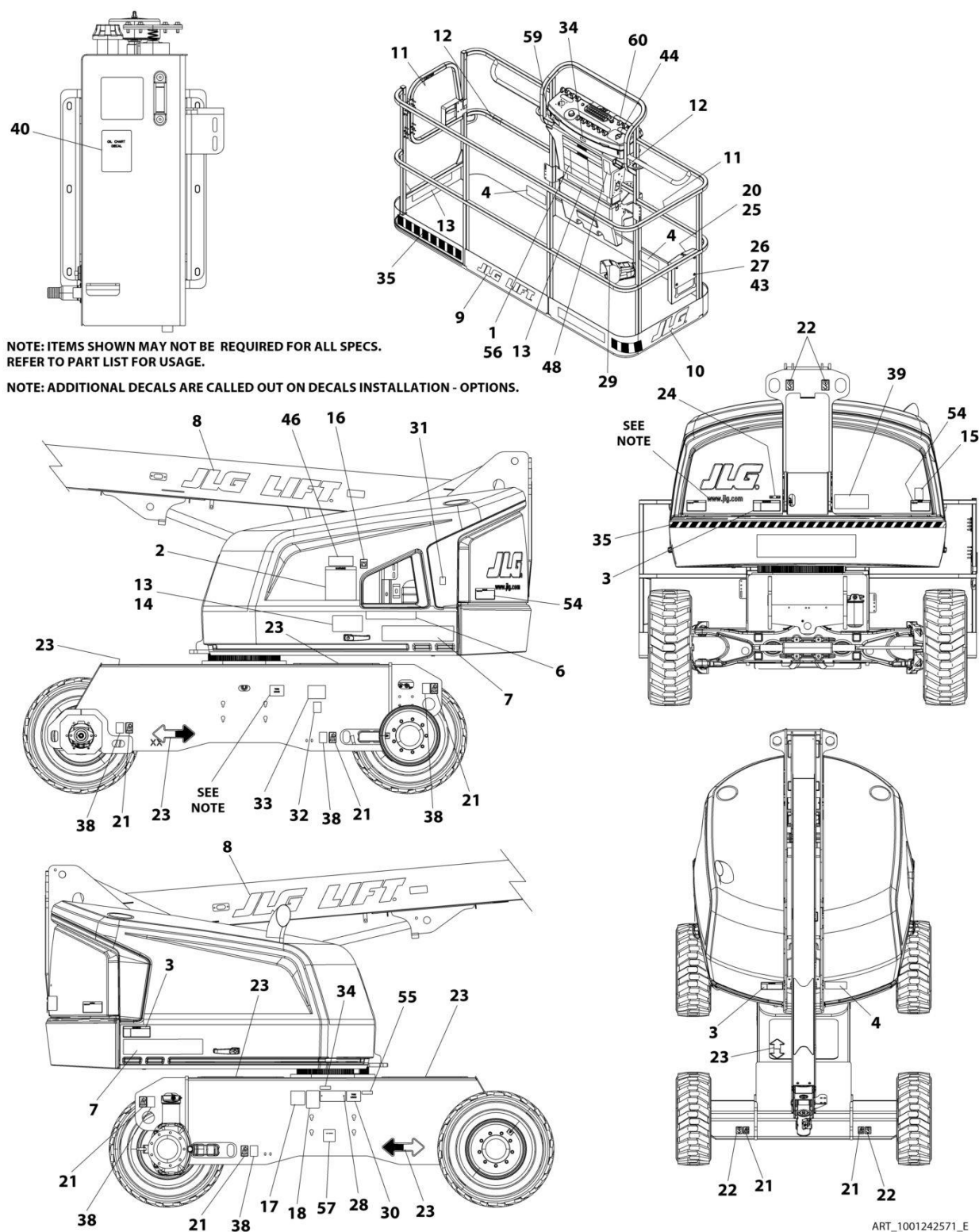
SECTION 9 - DECAL

FIGURE 9-4. DECAL INSTALLATION - CE & UK CA SPEC (460SJ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217488	Ref	DECAL INSTALLATION - REFERENCE CHART (TURNABLE)	E
	1001171368	Ref	DECAL INSTALLATION - CE & UK CA Spec (460SJ)	L
1	1705921	1	Decal - Tipping/Electrocution (Platform)	
2	1705822	1	Decal - Electrocution/Safety Manual	
3	1705961	3	Decal - Electrocution	
8	1001159323	1	Decal - JLG 8 in Black	
10	1702773	1	Decal - JLG 5	
13	1001171339	2	Decal - Capacity (Platform)	
16	1701504	1	Decal - Hydraulic Oil	
17	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
20	1701509	1	Decal - Manual	
21	1702300	8	Decal - Tie Down	
22	1701500	4	Decal - Lift	
23	1701529	4	Decal - Arrow	
25	0860520	1	Box, Manual Storage	
26	4751400	4	Washer, 1/4	
27	3311405	4	Nut, Lock 1/4	
28	3820001	2	Rivet	
29	1705828	1	Decal - Footswitch	
38	1701499	6	Decal - No Lift	
40	1704412	1	Decal - Hydraulic Oil Chart	
43	0641406	4	Bolt, 1/4 x 3/4	
46	1001189882	1	Decal - MSSO	
54	1701518	5	Decal - Warning Crushing	
100	1001232066	1	Decal - Platform Lanyard Kit (Not Shown)	
101	1704277	3	Decal - Attach Lanyard Here	

SECTION 9 - DECAL

FIGURE 9-5. INSTALLATION - BRAZIL SPEC (DUAL LANGUAGE - PORTUGUESE/SPANISH) (400S)



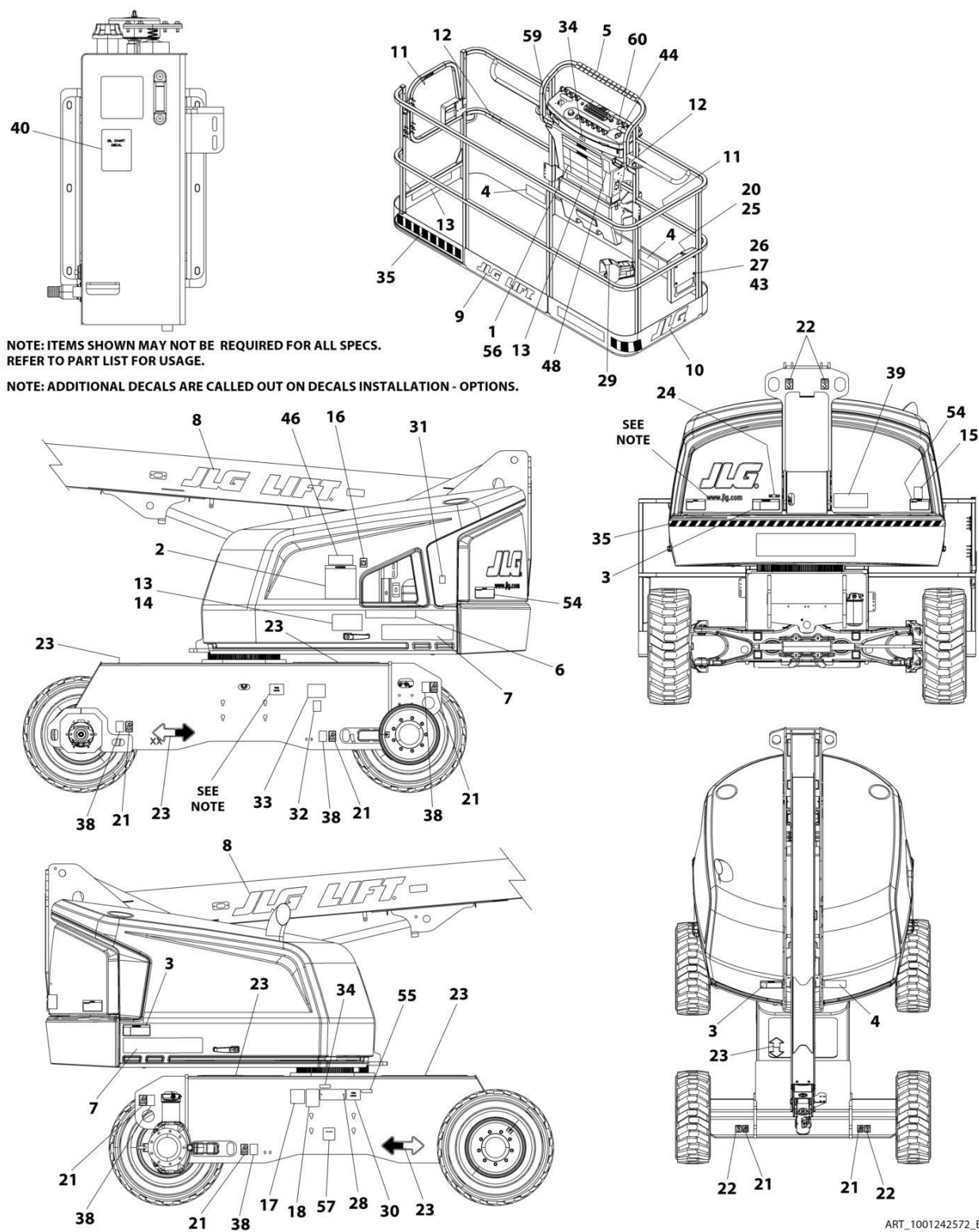
SECTION 9 - DECAL

FIGURE 9-5. INSTALLATION - BRAZIL SPEC (DUAL LANGUAGE - PORTUGUESE/SPANISH) (400S)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250764	Ref	DECAL INSTALLATION - REFERENCE CHART	I
	1001242571	Ref	DECAL INSTALLATION - BRAZIL SPEC (DUAL LANGUAGE - PORTUGUESE/SPANISH) (400S)	E
1	1703928	1	Decal - Danger/Warning (Platform)	
2	1703934	1	Decal - Danger/Warning (Ground Control)	
3	1703940	3	Decal - Danger/Electrocution	
4	1703952	3	Decal - Warning Crushing	
11	1704002	2	Decal - No Hands	
13	1001254673	1	Decal - Warning Dual Capacity	
14	1001254674	1	Decal - Warning Dual Capacity	
16	1701504	1	Decal - Hydraulic Oil	
17	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
20	1701509	1	Decal - Manual	
21	1702300	8	Decal - Tie Down	
22	1701500	4	Decal - Lift	
23	1701529	4	Decal - Arrow	
24	3251243	1	Nameplate - 120V-60Hz	
25	0860520	1	Box, Manual Storage	
26	4751400	4	Washer, 1/4	
27	3311405	4	Nut, Lock 1/4	
28	3820001	2	Rivet	
29	1703985	1	Decal - Footswitch	
38	1701499	6	Decal - No Lift	
40	1704412	1	Decal - Hydraulic Oil Chart	
43	0641406	4	Bolt, 1/4 x 3/4	
44	1001113680	1	Decal - Drive/Steer Instruction	
54	1703946	2	Decal - Warning Crushing	
57	1001224052	1	Decal - Yearly Inspection	

SECTION 9 - DECAL

FIGURE 9-6. DECAL INSTALLATION - BRAZIL SPEC (DUAL LANGUAGE - PORTUGUESE/SPANISH)
(460SJ)



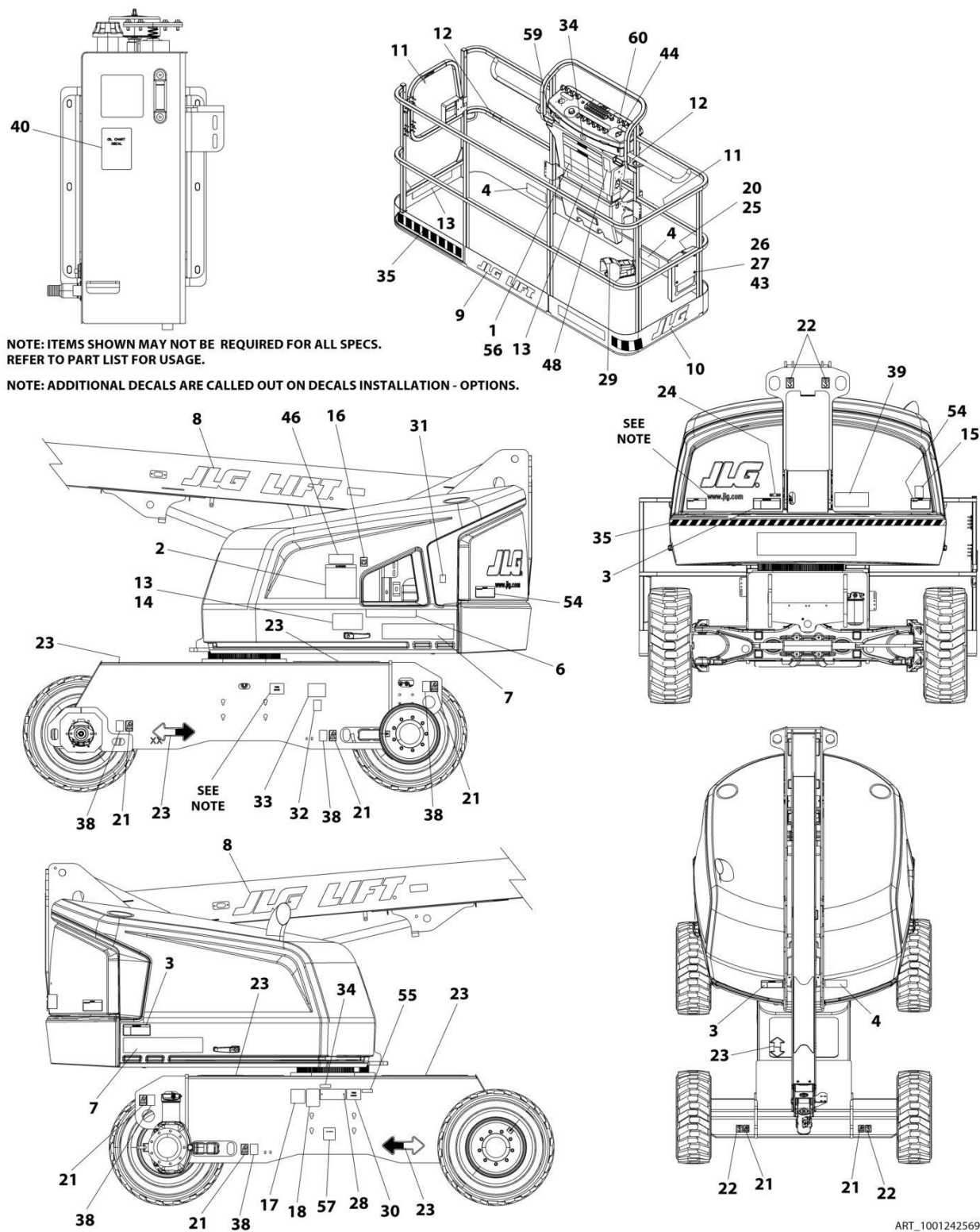
SECTION 9 - DECAL

**FIGURE 9-6. DECAL INSTALLATION - BRAZIL SPEC (DUAL LANGUAGE - PORTUGUESE/SPANISH)
(460SJ)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250764	Ref	DECAL INSTALLATION - REFERENCE CHART	I
	1001242572	Ref	DECAL INSTALLATION - BRAZIL SPEC (DUAL LANGUAGE - PORTUGUESE/SPANISH) (460SJ)	E
1	1703928	1	Decal - Danger/Warning (Platform)	
2	1703934	1	Decal - Danger/Warning (Ground Control)	
3	1703940	3	Decal - Danger/Electrocution	
4	1703952	3	Decal - Warning Crushing	
11	1704002	2	Decal - No Hands	
13	1001254754	2	Decal - Capacity	
16	1701504	1	Decal - Hydraulic Oil	
17	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
20	1701509	1	Decal - Manual	
21	1702300	8	Decal - Tie Down	
22	1701500	4	Decal - Lift	
23	1701529	4	Decal - Arrow	
24	3251243	1	Nameplate - 120V-60Hz	
25	0860520	1	Box, Manual Storage	
26	4751400	4	Washer, 1/4	
27	3311405	4	Nut, Lock 1/4	
28	3820001	2	Rivet	
29	1703985	1	Decal - Footswitch	
38	1701499	6	Decal - No Lift	
40	1704412	1	Decal - Hydraulic Oil Chart	
43	0641406	4	Bolt, 1/4 x 3/4	
44	1001113680	1	Decal - Drive/Steer Instruction	
54	1703946	2	Decal - Warning Crushing	
57	1001224052	1	Decal - Yearly Inspection	

SECTION 9 - DECAL

FIGURE 9-7. DECAL INSTALLATION - CHINESE SPEC (DUAL LANGUAGE - ENGLISH/CHINESE)
(400S)



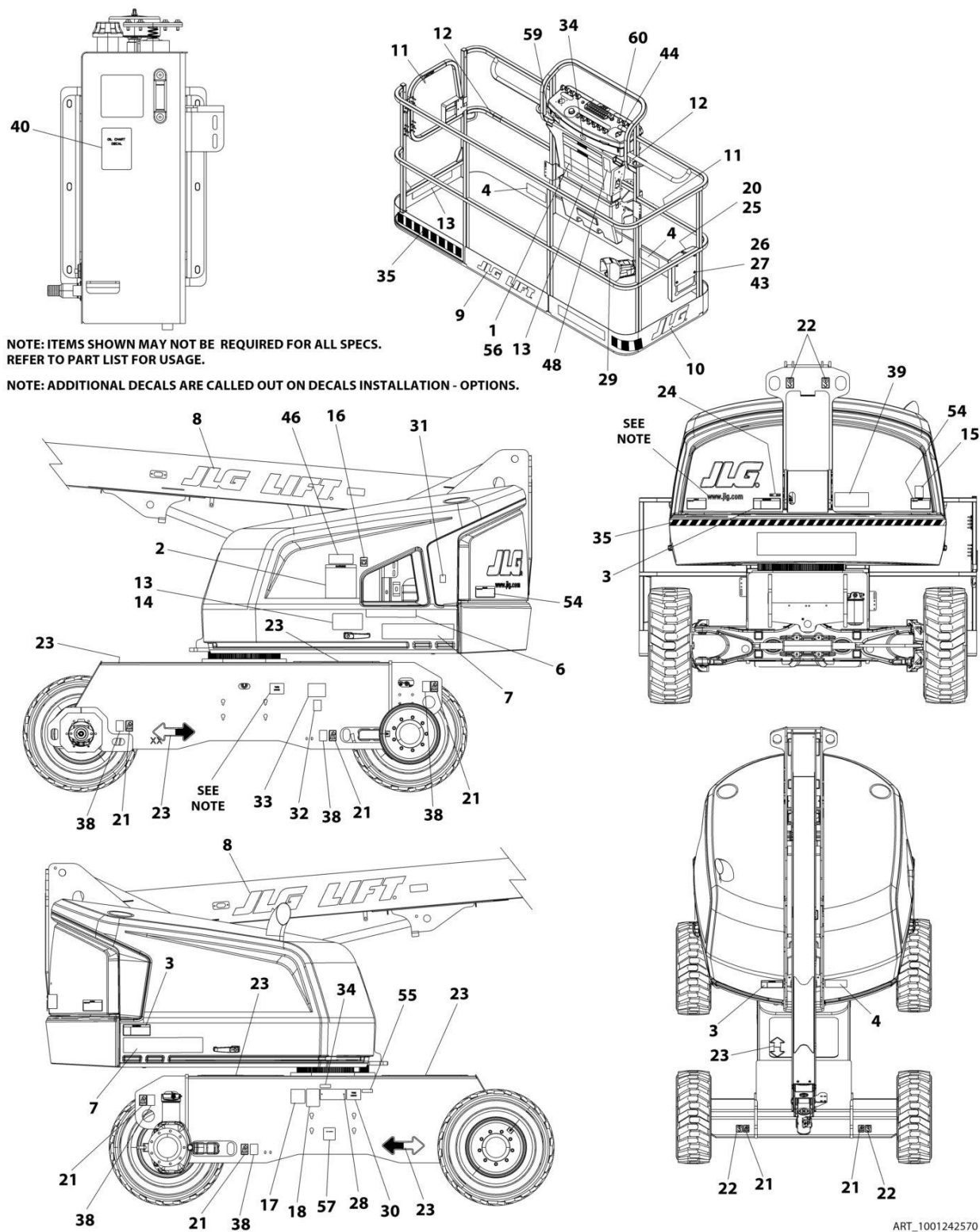
SECTION 9 - DECAL

**FIGURE 9-7. DECAL INSTALLATION - CHINESE SPEC (DUAL LANGUAGE - ENGLISH/CHINESE)
(400S)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250764	Ref	DECAL INSTALLATION - REFERENCE CHART	I
	1001242569	Ref	DECAL INSTALLATION - CHINESE SPEC (DUAL LANGUAGE - ENGLISH/CHINESE) (400S)	D
1	1703925	1	Decal - Danger/Warning (Platform)	
2	1703931	1	Decal - Danger/Warning (Ground Control)	
3	1703937	3	Decal - Danger/Electrocution	
4	1703949	3	Decal - Warning Crushing	
13	1001254671	1	Decal - Warning Dual Capacity	
14	1001254672	1	Decal - Warning Dual Capacity	
16	1701504	1	Decal - Hydraulic Oil	
17	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
20	1701509	1	Decal - Manual	
21	1702300	8	Decal - Tie Down	
22	1701500	4	Decal - Lift	
23	1701529	4	Decal - Arrow	
25	0860520	1	Box, Manual Storage	
26	4751400	4	Washer, 1/4	
27	3311405	4	Nut, Lock 1/4	
28	3820001	2	Rivet	
29	1703982	1	Decal - Footswitch	
38	1701499	6	Decal - No Lift	
40	1704412	1	Decal - Hydraulic Oil Chart	
43	0641406	4	Bolt, 1/4 x 3/4	
44	1705430	1	Decal - Drive/Steer Instruction	
54	1703943	2	Decal - Warning Crushing	
57	1001224050	1	Decal - Yearly Inspection (Not Shown)	

SECTION 9 - DECAL

FIGURE 9-8. DECAL INSTALLATION - CHINESE SPEC (DUAL LANGUAGE - ENGLISH/CHINESE)
(460SJ)



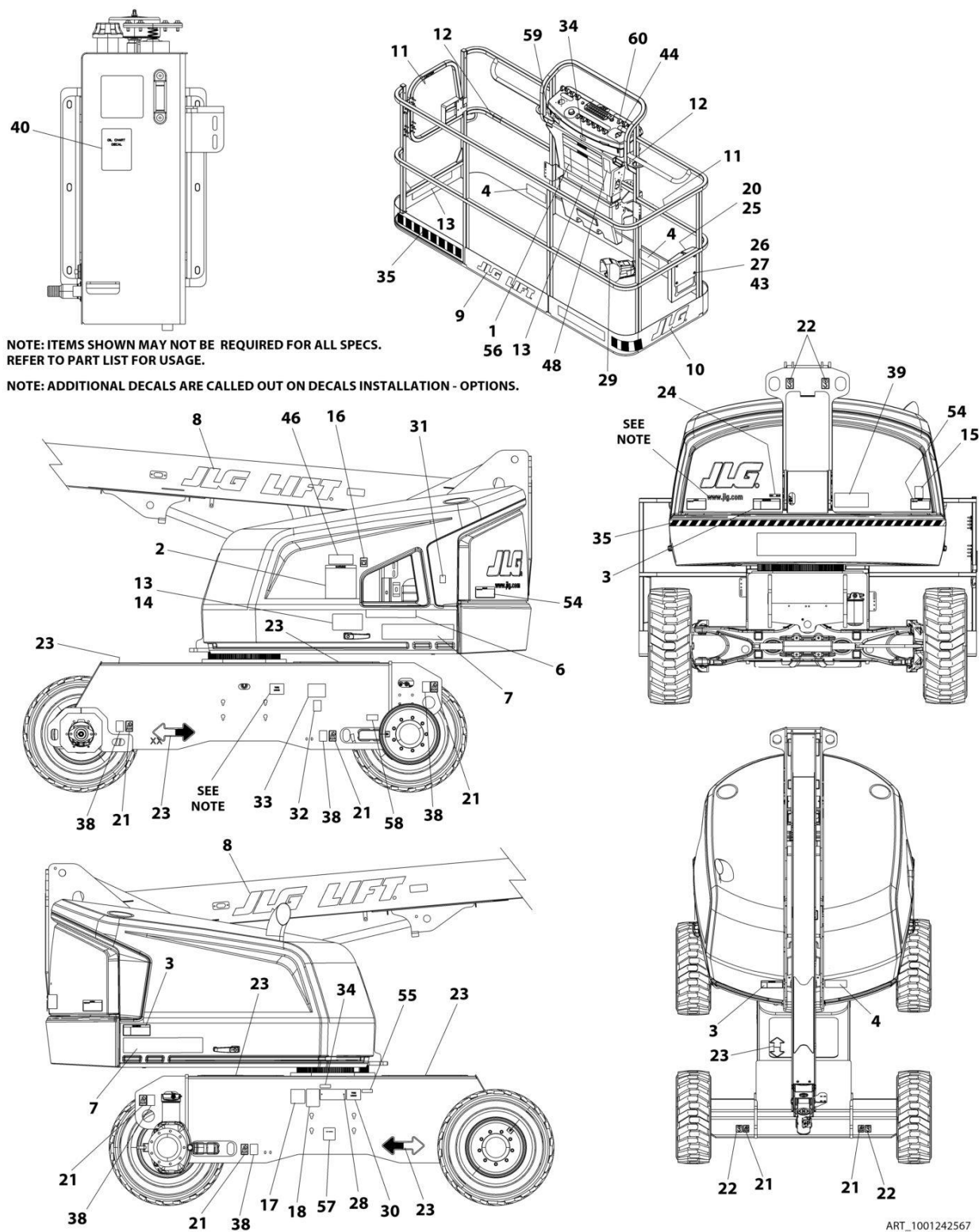
SECTION 9 - DECAL

**FIGURE 9-8. DECAL INSTALLATION - CHINESE SPEC (DUAL LANGUAGE - ENGLISH/CHINESE)
(460SJ)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250764	Ref	DECAL INSTALLATION - REFERENCE CHART	I
	1001242570	Ref	DECAL INSTALLATION - CHINESE SPEC (DUAL LANGUAGE - ENGLISH/CHINESE) (460SJ)	D
1	1703925	1	Decal - Danger/Warning (Platform)	
2	1703931	1	Decal - Danger/Warning (Ground Control)	
3	1703937	3	Decal - Danger/Electrocution	
4	1703949	3	Decal - Warning Crushing	
13	1001254753	2	Decal - Warning Dual Capacity	
16	1701504	1	Decal - Hydraulic Oil	
17	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
20	1701509	1	Decal - Manual	
21	1702300	8	Decal - Tie Down	
22	1701500	4	Decal - Lift	
23	1701529	4	Decal - Arrow	
25	0860520	1	Box, Manual Storage	
26	4751400	4	Washer, 1/4	
27	3311405	4	Nut, Lock 1/4	
28	3820001	2	Rivet	
29	1703982	1	Decal - Footswitch	
38	1701499	6	Decal - No Lift	
40	1704412	1	Decal - Hydraulic Oil Chart	
43	0641406	4	Bolt, 1/4 x 3/4	
44	1705430	1	Decal - Drive/Steer Instruction	
54	1703943	2	Decal - Warning Crushing	
57	1001224050	1	Decal - Yearly Inspection (Not Shown)	

SECTION 9 - DECAL

FIGURE 9-9. DECAL INSTALLATION - CSA SPEC (DUAL LANGUAGE - ENGLISH/FRENCH) (400S)



ART_1001242567

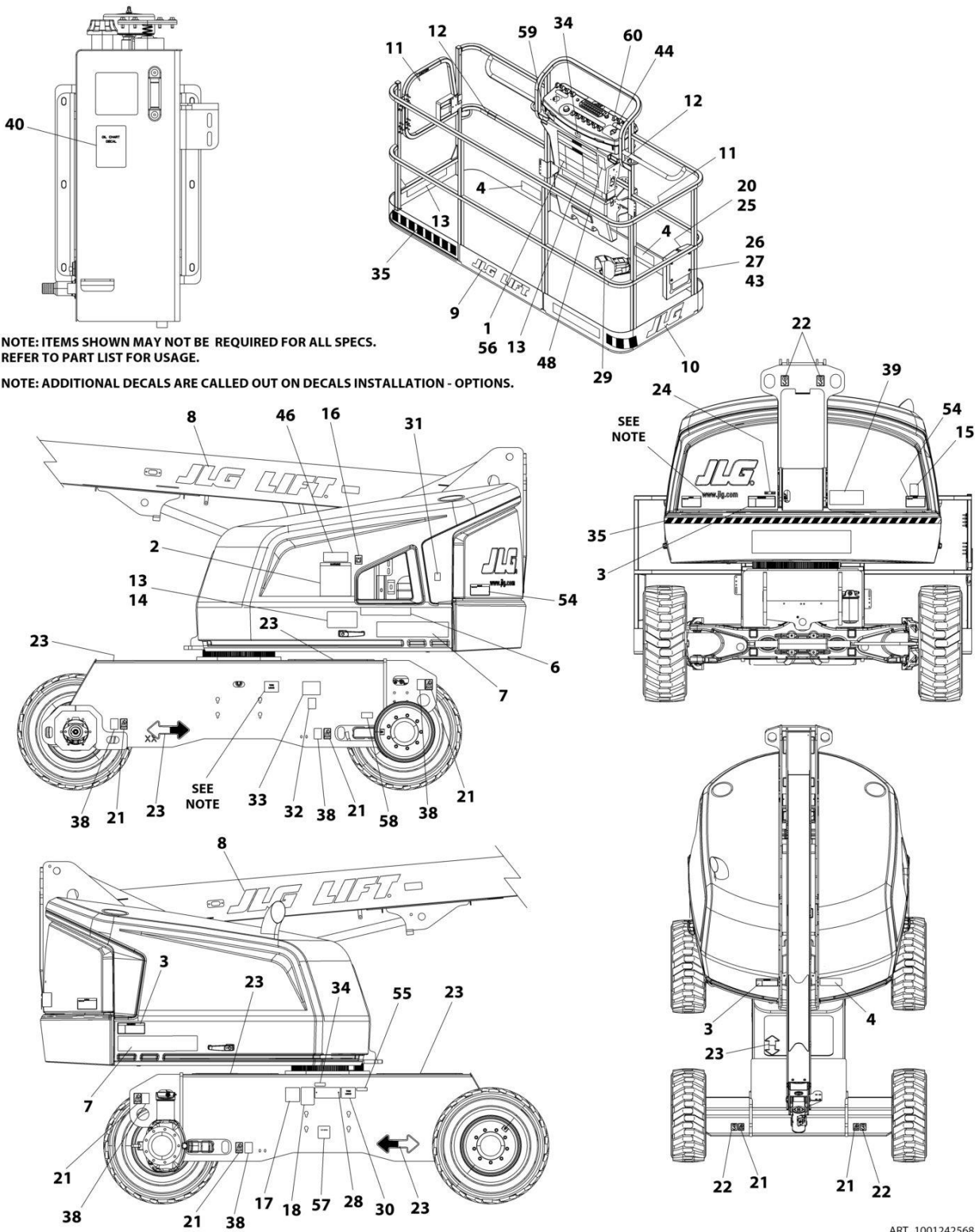
SECTION 9 - DECAL

FIGURE 9-9. DECAL INSTALLATION - CSA SPEC (DUAL LANGUAGE - ENGLISH/FRENCH) (400S)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250764	Ref	DECAL INSTALLATION - REFERENCE CHART	I
	1001242567	Ref	DECAL INSTALLATION - CSA SPEC (DUAL LANGUAGE - ENGLISH/FRENCH) (400S)	E
1	1703924	1	Decal - Danger/Warning (Platform)	
2	1703930	1	Decal - Danger/Warning (Ground Control)	
3	1703936	3	Decal - Danger/Electrocution	
4	1703948	3	Decal - Warning Crushing	
11	1704000	2	Decal - No Hands	
13	1001254667	1	Decal - Warning Dual Capacity	
14	1001254668	1	Decal - Warning Dual Capacity	
16	1701504	1	Decal - Hydraulic Oil	
17	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
18	1001131269	1	Decal - Patent	
20	1701509	1	Decal - Manual	
21	1702300	8	Decal - Tie Down	
22	1701500	4	Decal - Lift	
23	1701529	4	Decal - Arrow	
24	3251243	1	Nameplate - 120V-60Hz	
25	0860520	1	Box, Manual Storage	
26	4751400	4	Washer, 1/4	
27	3311405	4	Nut, Lock 1/4	
28	3820001	2	Rivet	
29	1703984	1	Decal - Footswitch	
38	1701499	6	Decal - No Lift	
40	1704412	1	Decal - Hydraulic Oil Chart	
43	0641406	4	Bolt, 1/4 x 3/4	
44	1705429	1	Decal - Drive/Steer Instruction	
54	1703942	2	Decal - Warning Crushing	
57	1001223971	1	Decal - Yearly Inspection (Not Shown)	
58	1001223453	1	Decal - ICES	

SECTION 9 - DECAL

FIGURE 9-10. DECAL INSTALLATION - CSA SPEC (DUAL LANGUAGE - ENGLISH/FRENCH) (460SJ)



ART_1001242568

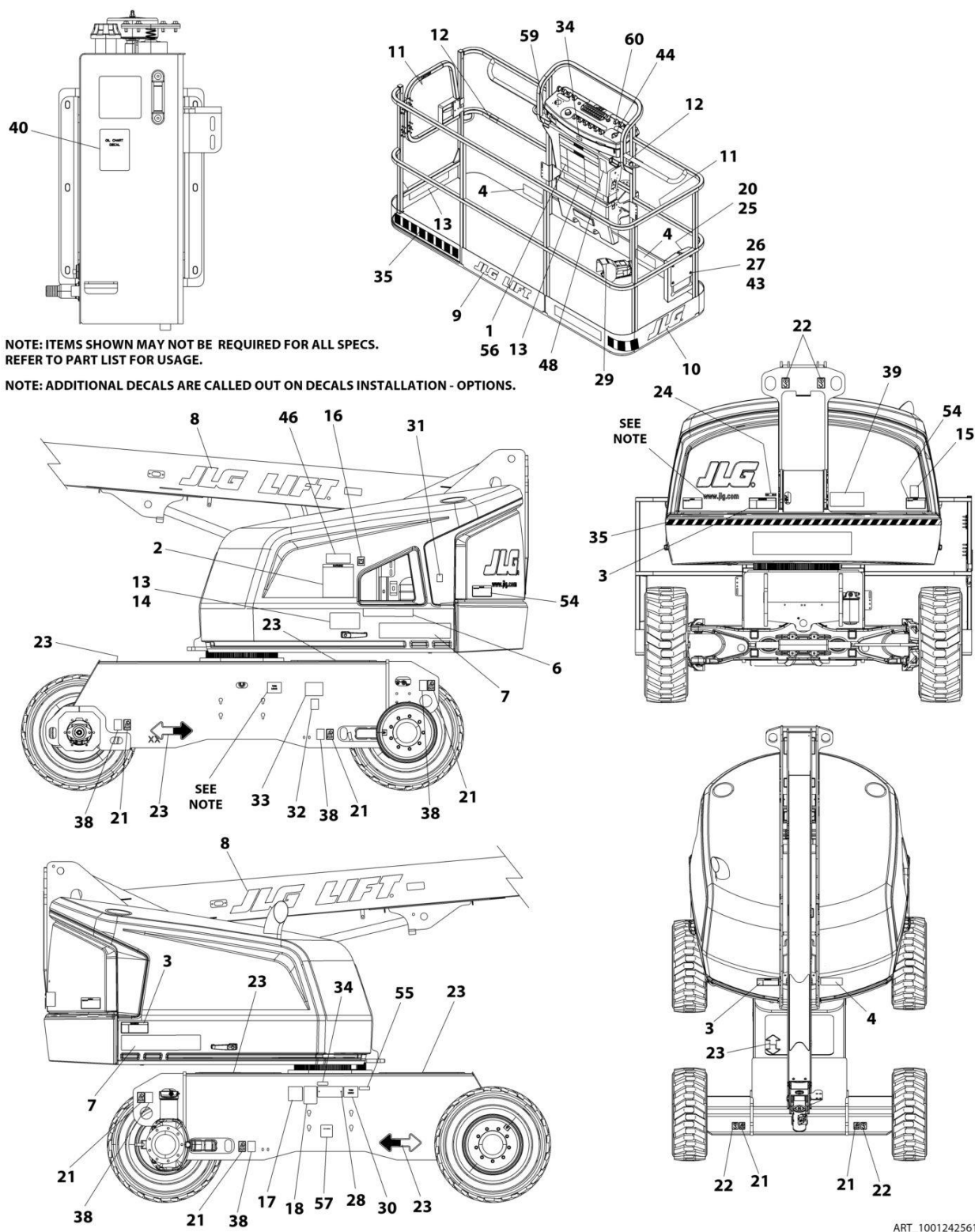
SECTION 9 - DECAL

FIGURE 9-10. DECAL INSTALLATION - CSA SPEC (DUAL LANGUAGE - ENGLISH/FRENCH) (460SJ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250764	Ref	DECAL INSTALLATION - REFERENCE CHART	I
	1001242568	Ref	DECAL INSTALLATION - CSA SPEC (DUAL LANGUAGE - ENGLISH/FRENCH) (460SJ)	E
1	1703924	1	Decal - Danger/Warning (Platform)	
2	1703930	1	Decal - Danger/Warning (Ground Control)	
3	1703936	3	Decal - Danger/Electrocution	
4	1703948	3	Decal - Warning Crushing	
11	1704000	2	Decal - No Hands	
13	1001254751	2	Decal - Warning Dual Capacity	
16	1701504	1	Decal - Hydraulic Oil	
17	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
18	1001131269	1	Decal - Patent	
20	1701509	1	Decal - Manual	
21	1702300	8	Decal - Tie Down	
22	1701500	4	Decal - Lift	
23	1701529	4	Decal - Arrow	
24	3251243	1	Nameplate - 120V-60Hz	
25	0860520	1	Box, Manual Storage	
26	4751400	4	Washer, 1/4	
27	3311405	4	Nut, Lock 1/4	
28	3820001	2	Rivet	
29	1703984	1	Decal - Footswitch	
38	1701499	6	Decal - No Lift	
40	1704412	1	Decal - Hydraulic Oil Chart	
43	0641406	4	Bolt, 1/4 x 3/4	
44	1705429	1	Decal - Drive/Steer Instruction	
54	1703942	2	Decal - Warning Crushing	
57	1001223971	1	Decal - Yearly Inspection (Not Shown)	
58	1001223453	1	Decal - ICES	

SECTION 9 - DECAL

FIGURE 9-11. DECAL INSTALLATION - JAPANESE SPEC (DUAL LANGUAGE - ENGLISH/JAPANESE)
(400S)



ART_1001242561

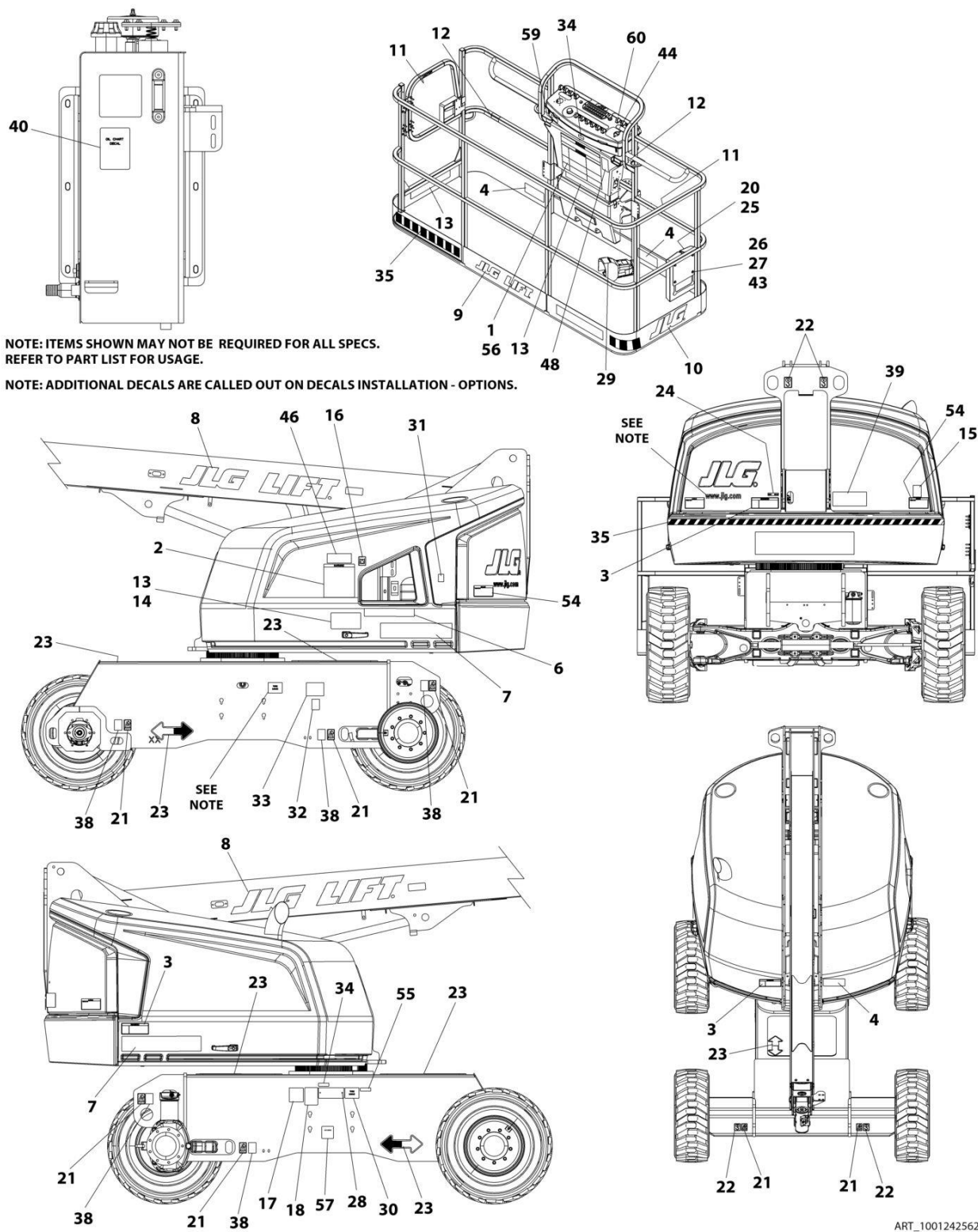
SECTION 9 - DECAL

**FIGURE 9-11. DECAL INSTALLATION - JAPANESE SPEC (DUAL LANGUAGE - ENGLISH/JAPANESE)
(400S)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250764	Ref	DECAL INSTALLATION - REFERENCE CHART	I
	1001242561	Ref	DECAL INSTALLATION - JAPANESE SPEC (DUAL LANGUAGE - ENGLISH/JAPANESE) (400S)	D
1	1703926	1	Decal - Danger/Warning (Platform)	
2	1703932	1	Decal - Danger/Warning (Ground Control)	
3	1703938	3	Decal - Danger/Electrocution	
4	1703950	3	Decal - Warning Crushing	
13	1001254677	1	Decal - Warning Dual Capacity	
14	1001254678	1	Decal - Warning Dual Capacity	
16	1701504	1	Decal - Hydraulic Oil	
17	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
20	1701509	1	Decal - Manual	
21	1702300	8	Decal - Tie Down	
22	1701500	4	Decal - Lift	
23	1701529	4	Decal - Arrow	
25	0860520	1	Box, Manual Storage	
26	4751400	4	Washer, 1/4	
27	3311405	4	Nut, Lock 1/4	
28	3820001	2	Rivet	
29	1703980	1	Decal - Footswitch	
38	1701499	6	Decal - No Lift	
40	1704412	1	Decal - Hydraulic Oil Chart	
43	0641406	4	Bolt, 1/4 x 3/4	
44	1705426	1	Decal - Drive/Steer Instruction	
54	1703944	2	Decal - Warning Crushing	
57	1001224053	1	Decal - Yearly Inspection (Not Shown)	

SECTION 9 - DECAL

FIGURE 9-12. DECAL INSTALLATION - JAPANESE SPEC (DUAL LANGUAGE - ENGLISH/JAPANESE)
(460SJ)



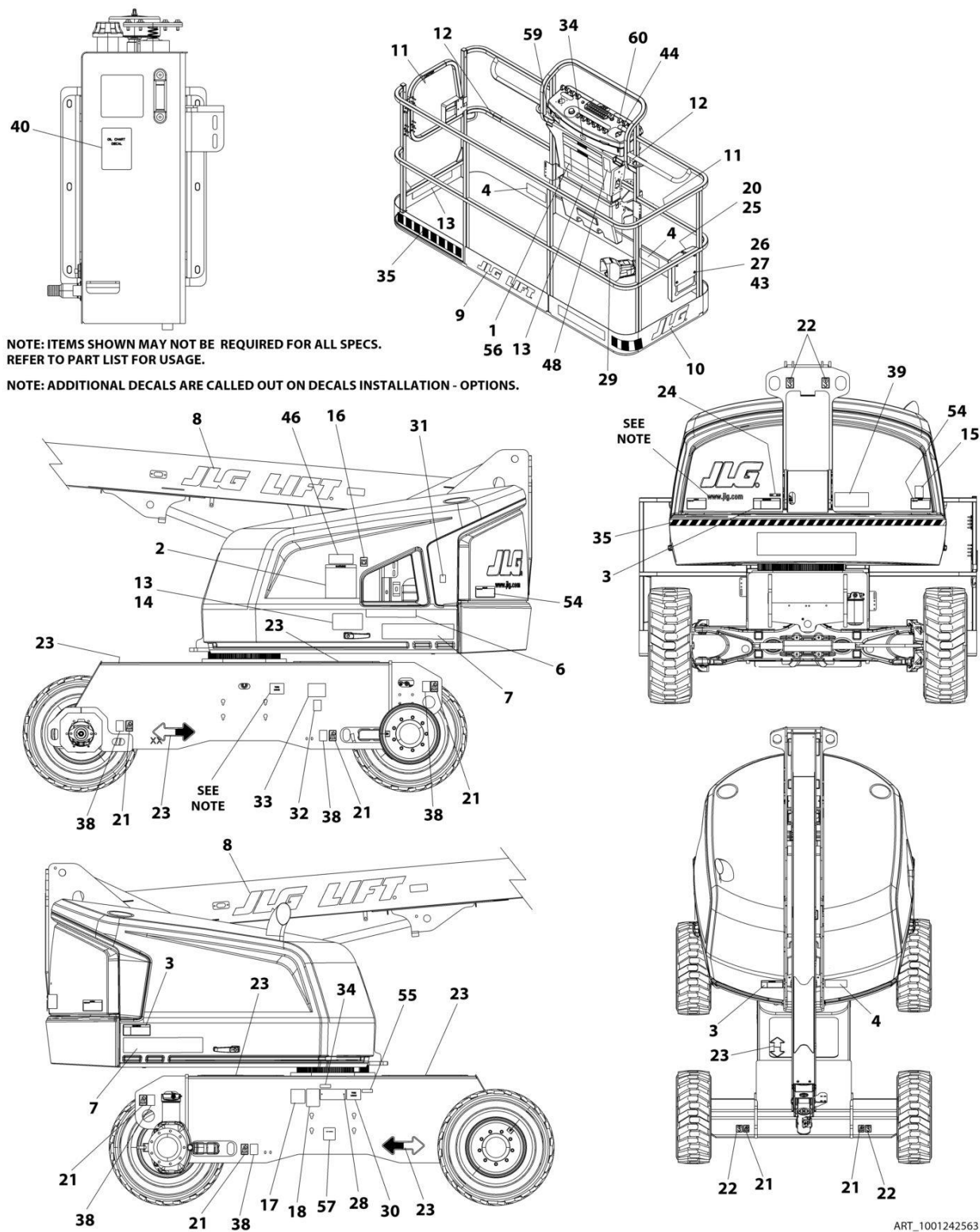
SECTION 9 - DECAL

**FIGURE 9-12. DECAL INSTALLATION - JAPANESE SPEC (DUAL LANGUAGE - ENGLISH/JAPANESE)
(460SJ)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250764	Ref	DECAL INSTALLATION - REFERENCE CHART	I
	1001242562	Ref	DECAL INSTALLATION - JAPANESE SPEC (DUAL LANGUAGE - ENGLISH/JAPANESE) (460SJ)	D
1	1703926	1	Decal - Danger/Warning (Platform)	
2	1703932	1	Decal - Danger/Warning (Ground Control)	
3	1703938	3	Decal - Danger/Electrocution	
4	1703950	3	Decal - Warning Crushing	
13	1001254756	2	Decal - Warning Dual Capacity	
16	1701504	1	Decal - Hydraulic Oil	
17	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
20	1701509	1	Decal - Manual	
21	1702300	8	Decal - Tie Down	
22	1701500	4	Decal - Lift	
23	1701529	4	Decal - Arrow	
25	0860520	1	Box, Manual Storage	
26	4751400	4	Washer, 1/4	
27	3311405	4	Nut, Lock 1/4	
28	3820001	2	Rivet	
29	1703980	1	Decal - Footswitch	
38	1701499	6	Decal - No Lift	
40	1704412	1	Decal - Hydraulic Oil Chart	
43	0641406	4	Bolt, 1/4 x 3/4	
44	1705426	1	Decal - Drive/Steer Instruction	
54	1703944	2	Decal - Warning Crushing	
57	1001224053	1	Decal - Yearly Inspection (Not Shown)	

SECTION 9 - DECAL

FIGURE 9-13. DECAL INSTALLATION - KOREAN SPEC (DUAL LANGUAGE - ENGLISH/KOREAN)
(400S)



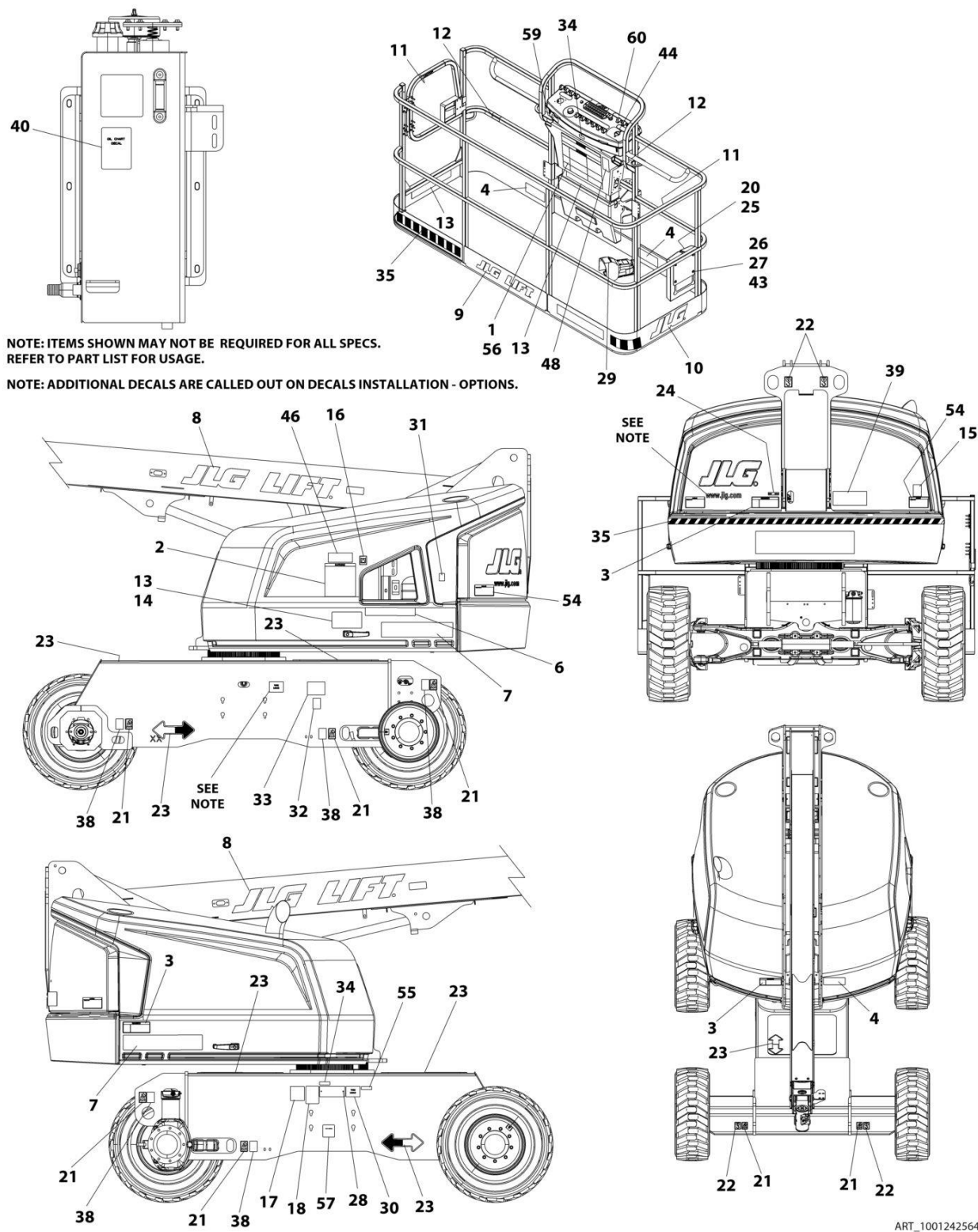
SECTION 9 - DECAL

**FIGURE 9-13. DECAL INSTALLATION - KOREAN SPEC (DUAL LANGUAGE - ENGLISH/KOREAN)
(400S)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250764	Ref	DECAL INSTALLATION - REFERENCE CHART	I
	1001242563	Ref	DECAL INSTALLATION - KOREAN SPEC (DUAL LANGUAGE - ENGLISH/KOREAN) (400S)	D
1	1703927	1	Decal - Danger/Warning (Platform)	
2	1703933	1	Decal - Danger/Warning (Ground Control)	
3	1703939	3	Decal - Danger/Electrocution	
4	1703951	3	Decal - Warning Crushing	
13	1001254669	1	Decal - Warning Dual Capacity	
14	1001254670	1	Decal - Warning Dual Capacity	
16	1701504	1	Decal - Hydraulic Oil	
17	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
20	1701509	1	Decal - Manual	
21	1702300	8	Decal - Tie Down	
22	1701500	4	Decal - Lift	
23	1701529	4	Decal - Arrow	
25	0860520	1	Box, Manual Storage	
26	4751400	4	Washer, 1/4	
27	3311405	4	Nut, Lock 1/4	
28	3820001	2	Rivet	
29	1703981	1	Decal - Footswitch	
38	1701499	6	Decal - No Lift	
40	1704412	1	Decal - Hydraulic Oil Chart	
43	0641406	4	Bolt, 1/4 x 3/4	
44	1705427	1	Decal - Drive/Steer Instruction	
54	1703945	2	Decal - Warning Crushing	
57	1001224048	1	Decal - Yearly Inspection (Not Shown)	

SECTION 9 - DECAL

FIGURE 9-14. DECAL INSTALLATION - KOREAN SPEC (DUAL LANGUAGE - ENGLISH/KOREAN)
(460SJ)



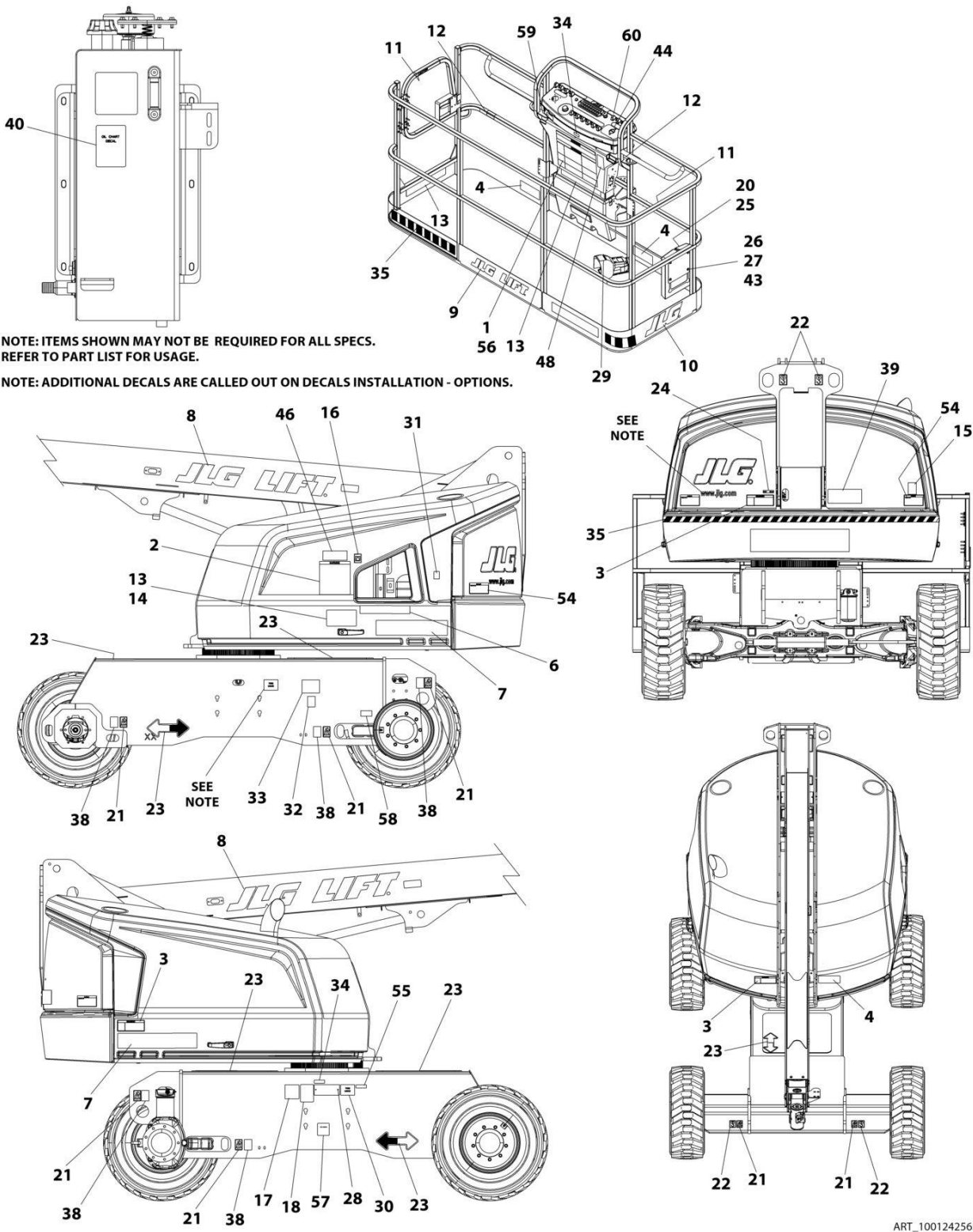
SECTION 9 - DECAL

**FIGURE 9-14. DECAL INSTALLATION - KOREAN SPEC (DUAL LANGUAGE - ENGLISH/KOREAN)
(460SJ)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250764	Ref	DECAL INSTALLATION - REFERENCE CHART	I
	1001242564	Ref	DECAL INSTALLATION - KOREAN SPEC (DUAL LANGUAGE - ENGLISH/KOREAN) (460SJ)	D
1	1703927	1	Decal - Danger/Warning (Platform)	
2	1703933	1	Decal - Danger/Warning (Ground Control)	
3	1703939	3	Decal - Danger/Electrocution	
4	1703951	3	Decal - Warning Crushing	
13	1001254752	2	Decal - Warning Dual Capacity	
16	1701504	1	Decal - Hydraulic Oil	
17	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
20	1701509	1	Decal - Manual	
21	1702300	8	Decal - Tie Down	
22	1701500	4	Decal - Lift	
23	1701529	4	Decal - Arrow	
25	0860520	1	Box, Manual Storage	
26	4751400	4	Washer, 1/4	
27	3311405	4	Nut, Lock 1/4	
28	3820001	2	Rivet	
29	1703981	1	Decal - Footswitch	
38	1701499	6	Decal - No Lift	
40	1704412	1	Decal - Hydraulic Oil Chart	
43	0641406	4	Bolt, 1/4 x 3/4	
44	1705427	1	Decal - Drive/Steer Instruction	
54	1703945	2	Decal - Warning Crushing	
57	1001224048	1	Decal - Yearly Inspection (Not Shown)	

SECTION 9 - DECAL

FIGURE 9-15. DECAL INSTALLATION - LATIN AMERICAN SPEC (DUAL LANGUAGE - ENGLISH/SPANISH) (400S)



ART_1001242565

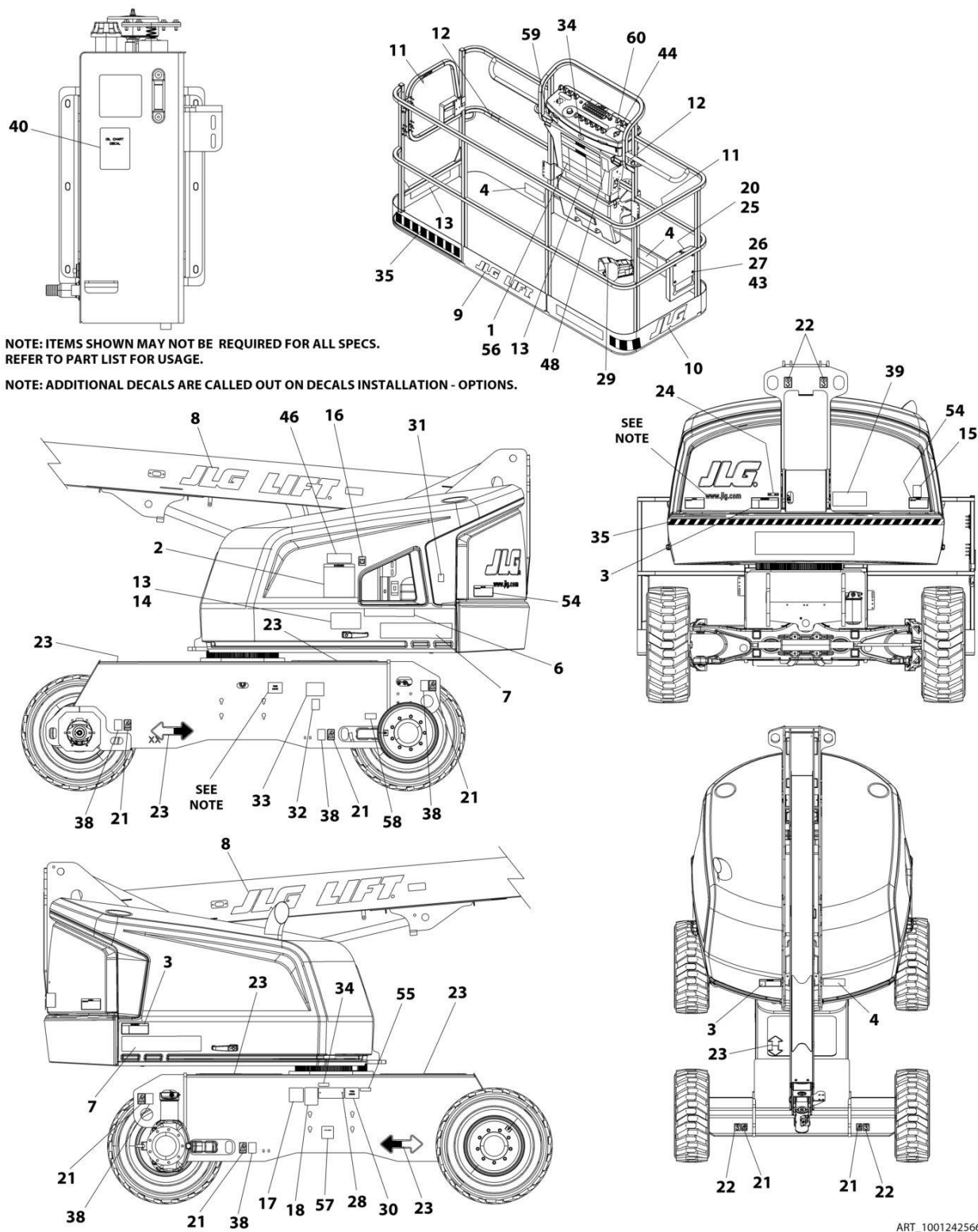
SECTION 9 - DECAL

FIGURE 9-15. DECAL INSTALLATION - LATIN AMERICAN SPEC (DUAL LANGUAGE - ENGLISH/SPANISH) (400S)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250764	Ref	DECAL INSTALLATION - REFERENCE CHART	I
	1001242565	Ref	DECAL INSTALLATION - LATIN AMERICAN SPEC (DUAL LANGUAGE - ENGLISH/SPANISH) (400S)	D
1	1703923	1	Decal - Danger/Warning (Platform)	
2	1703929	1	Decal - Danger/Warning (Ground Control)	
3	1703935	3	Decal - Danger/Electrocution	
4	1703947	3	Decal - Warning Crushing	
11	1704001	2	Decal - No Hands	
13	1001254675	2	Decal - Warning Dual Capacity	
14	1001254676	1	Decal - Warning Dual Capacity	
16	1701504	1	Decal - Hydraulic Oil	
17	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
20	1701509	1	Decal - Manual	
21	1702300	8	Decal - Tie Down	
22	1701500	4	Decal - Lift	
23	1701529	4	Decal - Arrow	
24	3251243	1	Nameplate - 120V-60Hz	
25	0860520	1	Box, Manual Storage	
26	4751400	4	Washer, 1/4	
27	3311405	4	Nut, Lock 1/4	
28	3820001	2	Rivet	
29	1703983	1	Decal - Footswitch	
38	1701499	6	Decal - No Lift	
40	1704412	1	Decal - Hydraulic Oil Chart	
43	0641406	4	Bolt, 1/4 x 3/4	
44	1705910	1	Decal - Drive/Steer Instruction	
54	1703941	2	Decal - Warning Crushing	
57	1001224049	1	Decal - Yearly Inspection (Not Shown)	
58	1001223453	1	Decal - ICES	

SECTION 9 - DECAL

FIGURE 9-16. DECAL INSTALLATION - LATIN AMERICAN SPEC (DUAL LANGUAGE - ENGLISH/SPANISH) (460SJ)



ART_1001242566

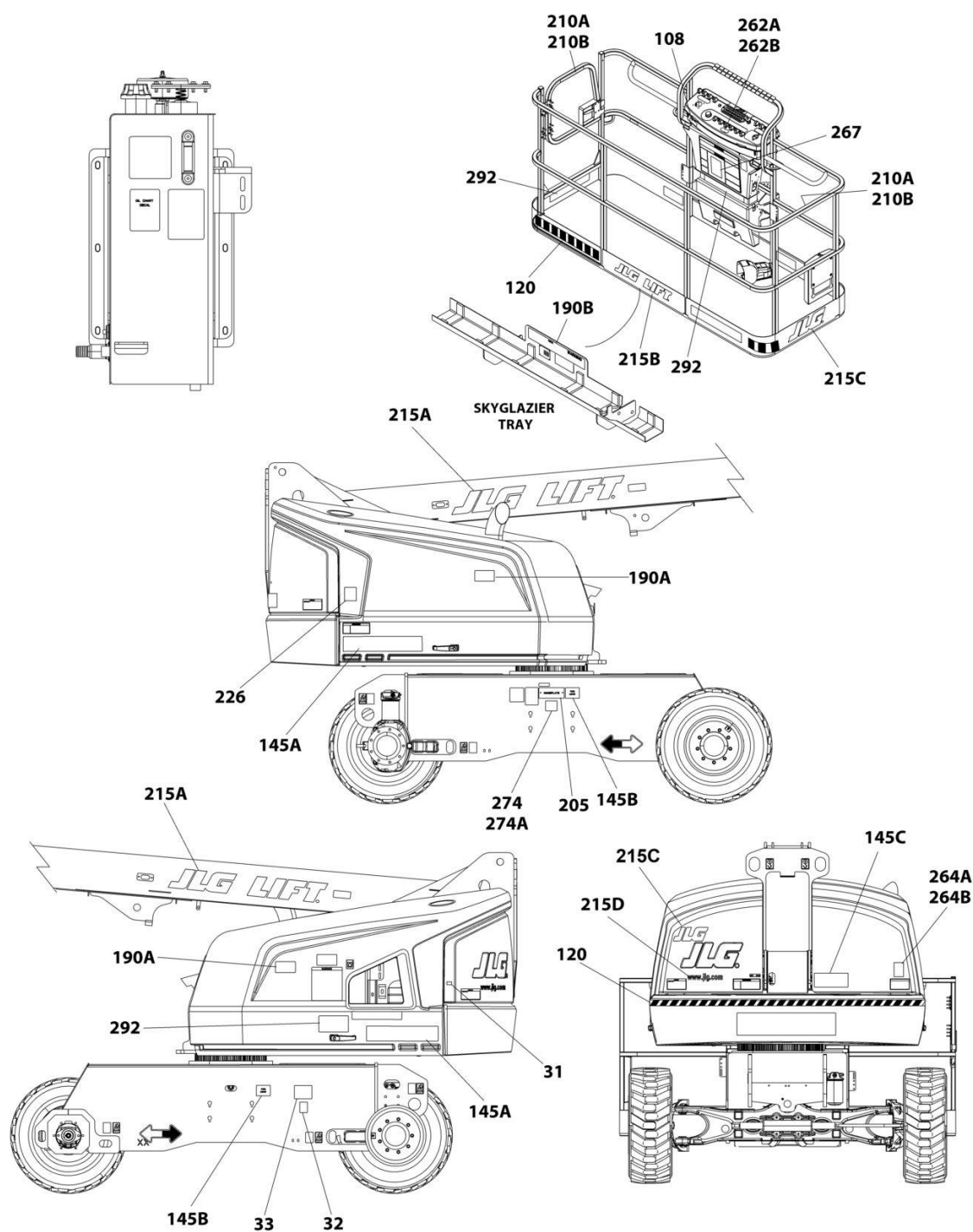
SECTION 9 - DECAL

FIGURE 9-16. DECAL INSTALLATION - LATIN AMERICAN SPEC (DUAL LANGUAGE - ENGLISH/SPANISH) (460SJ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250764	Ref	DECAL INSTALLATION - REFERENCE CHART	I
	1001242566	Ref	DECAL INSTALLATION - LATIN AMERICAN SPEC (DUAL LANGUAGE - ENGLISH/SPANISH) (460SJ)	D
1	1703923	1	Decal - Danger/Warning (Platform)	
2	1703929	1	Decal - Danger/Warning (Ground Control)	
3	1703935	3	Decal - Danger/Electrocution	
4	1703947	3	Decal - Warning Crushing	
11	1704001	2	Decal - No Hands	
13	1001254755	2	Decal - Warning Dual Capacity	
16	1701504	1	Decal - Hydraulic Oil	
17	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
20	1701509	1	Decal - Manual	
21	1702300	8	Decal - Tie Down	
22	1701500	4	Decal - Lift	
23	1701529	4	Decal - Arrow	
24	3251243	1	Nameplate - 120V-60Hz	
25	0860520	1	Box, Manual Storage	
26	4751400	4	Washer, 1/4	
27	3311405	4	Nut, Lock 1/4	
28	3820001	2	Rivet	
29	1703983	1	Decal - Footswitch	
38	1701499	6	Decal - No Lift	
40	1704412	1	Decal - Hydraulic Oil Chart	
43	0641406	4	Bolt, 1/4 x 3/4	
44	1705910	1	Decal - Drive/Steer Instruction	
54	1703941	2	Decal - Warning Crushing	
57	1001224049	1	Decal - Yearly Inspection (Not Shown)	
58	1001223453	1	Decal - ICES	

SECTION 9 - DECAL

FIGURE 9-17. DECAL INSTALLATION - OPTIONS



ART_DECAL_OPTIONS

SECTION 9 - DECAL

FIGURE 9-17. DECAL INSTALLATION - OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250764	Ref	DECAL INSTALLATION - REFERENCE CHART	G
	1001245658	Ref	DECAL INSTALLATION - OPTIONS	M
31	1701505	1	Decal - Diesel Fuel	
31	1701542	1	Decal - Gas	
32	1701543	1	Decal - LPG	
33	1700818	1	Decal - LP Gas Liquid Withdrawal System (ANSI and CSA Spec)	
33	1704271	1	Decal - LP Gas Liquid Withdrawal System (CSA Spec)	
33	1702720	1	Decal - LP Gas Liquid Withdrawal System (ANSI Export and China Specs)	
33	1001119661	1	Decal - LP Gas Liquid Withdrawal System (ANSI, ANSI Export and China Specs)	
108	1001231801	1	Decal - Proposition 65 (Diesel Machines) (Machines with SN Starting with 03)	
120	1001178415	Ref	Warning Strip Installation (Not Shown)	A
120	4420051	14.5 ft / 4.42m	Tape, Safety	
145	1001174349	Ref	Decal - Model Designation (400S) (Not Shown)	C
145	1001174350	Ref	Decal - Model Designation (460SJ) (Not Shown)	C
145A	1001267304	2	Decal - 400S	
145A	1001267305	2	Decal - 460SJ	
145B	1001195745	2	Decal - Max Tire Load (400S)	
145B	1001195746	2	Decal - Max Tire Load (460SJ)	
145C	1001177451	1	Decal - Lift Diagram	
190	1001172570	Ref	Decal - SkyGlazier Installation (ANSI and CSA Specs) (English Decals)	C
190	1001172571	Ref	Decal - SkyGlazier Installation (ANSI Export Specs) (Spanish Decals)	B
190	1001172572	Ref	Decal - SkyGlazier Installation (ANSI Export Specs) (Portuguese Decals)	B
190	1001172620	Ref	Decal - SkyGlazier Installation (Australian Specs) (Australian Decals)	C
190A	1705358	2	Decal - SkyGlazier	
190B	1001199035	2	Decal - SkyGlazier Capacity (ANSI and CSA Specs) (English)	
190B	1001172564	2	Decal - SkyGlazier Capacity (ANSI Export Specs) (Spanish)	
190B	1001172565	2	Decal - SkyGlazier Capacity (ANSI Export Specs) (Portuguese)	
190B	1001199036	2	Decal - SkyGlazier Capacity (Australian Specs) (Australian)	
205	See Note	NSS	Nameplate - Serial Number (Note: Not Available for Purchase)	
210A	1702868	2	Decal - No Hands	
210B	1704000	2	Decal - No Hands	
215	1001178433	Ref	Decal Installation - JLG Logo (Not Shown) (All Specs except Australian, CE & UK CA Specs)	A
215A	1702861	2	Decal - JLG	
215B	1702774	1	Decal - JLG	
215C	1702773	1	Decal - JLG	
215D	1704885	1	Decal - Website	
215	1001243700	Ref	Decal Installation - JLG Logo (Not Shown) (Australian Specs)	
215A	1702861	2	Decal - JLG	
215B	1702774	1	Decal - JLG	
215C	1702773	2	Decal - JLG	
215D	1704885	1	Decal - Website	
215	1001243699	Ref	Decal Installation - JLG Logo (Not Shown) (CE & UK CA Specs)	
215C	1702773	1	Decal - JLG	

SECTION 9 - DECAL

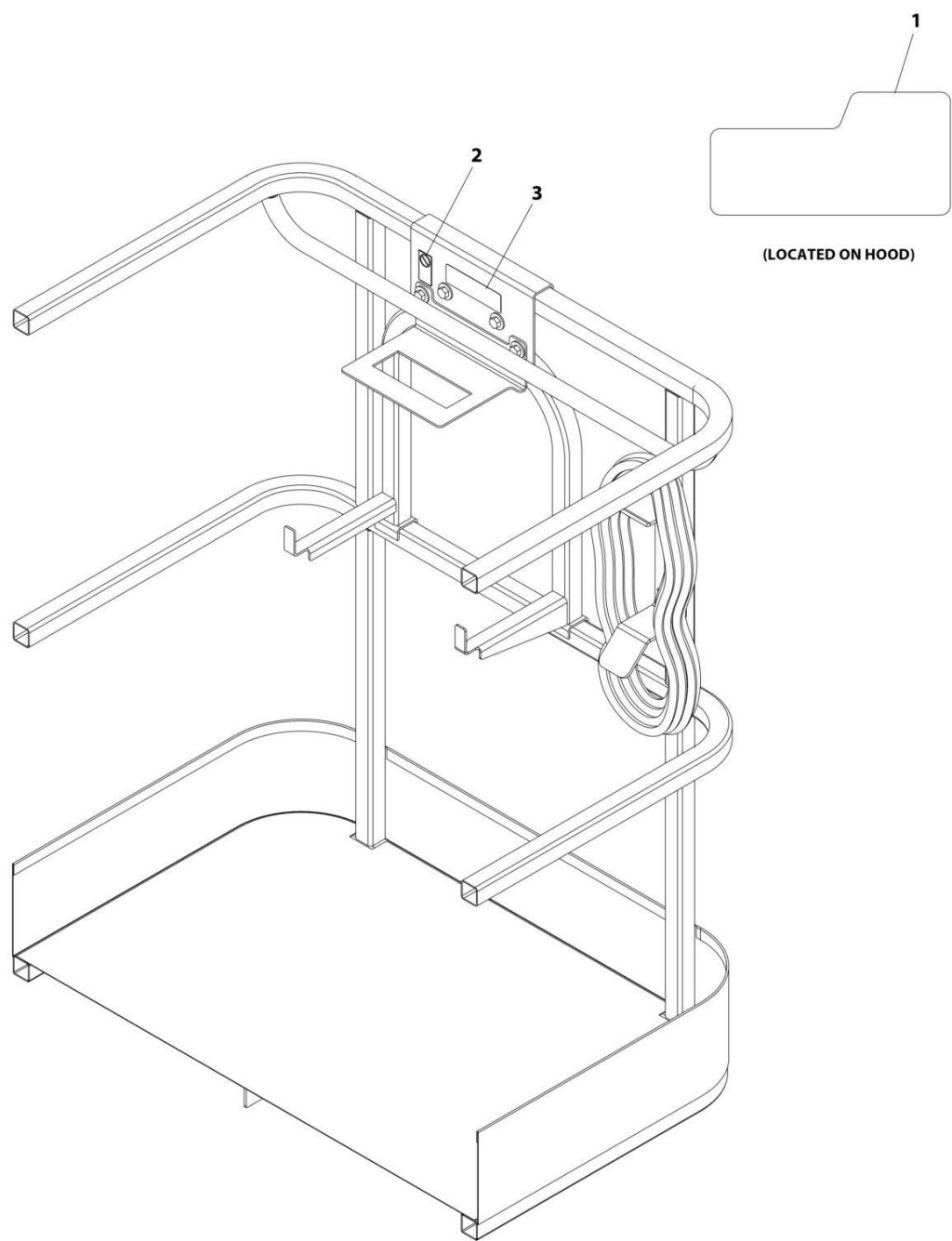
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
226		Ref	Decal - Warning Explosion/Fire (Diesel Machines Only)	
226	1704972	1	Decal - Warning Explosion/Fire (ANSI and CSA Spec)	
226	1706064	1	Decal - Warning Explosion/Fire (CSA Spec - Dual Language English/French)	
226	1706098	1	Decal - Warning Explosion/Fire (Australian, CE & UK CA Specs)	
226	1706059	1	Decal - Warning Explosion/Fire (Brazil Spec - Dual Language English/Portuguese)	
226	1706060	1	Decal - Warning Explosion/Fire (Chinese Spec - Dual Language English/Chinese)	
226	1706061	1	Decal - Warning Explosion/Fire (Korean Spec - Dual Language English/Korean)	
226	1706062	1	Decal - Warning Explosion/Fire (Japanese Spec - Dual Language English/Japanese)	
226	1706063	1	Decal - Warning Explosion/Fire (Latin American - Dual Language English/Spanish)	
253	1001143852	1	Decal - Emission Compliance (Machines with Diesel Engines) (ANSI Export, Australian, CE, China & UK CA Specs) (Not Shown)	
262A	1001141300	Ref	Decal - SkyGuard Override	
262B	1001141302	Ref	Decal - SkyGuard/Soft Touch Override	
264A	1001204510	Ref	Decal - Sound Power Level - 102Db	
264B	1001130492	Ref	Decal - Sound Power Level - 105Db	
267	1001200128	Ref	Decal - Quick Start Guide (CE & UK CA Spec) (French Decal) (For LOXAM Rentals Only)	
267	1001200129	Ref	Decal - Quick Start Guide (CE & UK CA Spec) (Dutch Decal) (For LOXAM Rentals Only)	
267	1001200130	Ref	Decal - Quick Start Guide (CE & UK CA Spec) (German Decal) (For LOXAM Rentals Only)	
267	1001200131	Ref	Decal - Quick Start Guide (CE & UK CA Spec) (Danish Decal) (For LOXAM Rentals Only)	
267	1001200132	Ref	Decal - Quick Start Guide (CE & UK CA Spec) (Swedish Decal) (For LOXAM Rentals Only)	
267	1001200133	Ref	Decal - Quick Start Guide (CE & UK CA Spec) (Spanish Decal) (For LOXAM Rentals Only)	
267	1001200134	Ref	Decal - Quick Start Guide (CE & UK CA Spec) (Norwegian Decal) (For LOXAM Rentals Only)	
267	1001181145	Ref	Decal - Quick Start Guide (CE & UK CA Spec) (English Decal) (For LOXAM Rentals Only)	
274	1001214029	1	Decal - EAC Installation (CIS and Russia Specs)	
274A	1001173703	1	Decal - EAC	
292	1001171335	1	Decal - Dual Capacity (ANSI Spec)	
292	1001171337	1	Decal - Max Capacity (ANSI Spec)	
292	1001171359	1	Decal - Dual Capacity (Brazil Spec - Dual Language Portuguese/Spanish)	
292	1001171361	1	Decal - Max Capacity (Brazil Spec - Dual Language Portuguese/Spanish)	
292	1001171355	1	Decal - Dual Capacity (Chinese Spec - Dual Language English/Chinese)	
292	1001171357	1	Decal - Max Capacity (Chinese Spec - Dual Language English/Chinese)	
292	1001171351	1	Decal - Dual Capacity (CSA Spec - Dual Language English/French)	
292	1001171353	1	Decal - Max Capacity (CSA Spec - Dual Language English/French)	
292	1001171345	1	Decal - Dual Capacity (Korean Spec - Dual Language English/Korean)	

SECTION 9 - DECAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
292	1001171347	1	Decal - Max Capacity (Korean Spec - Dual Language English/Korean)	
292	1001171349	1	Decal - Dual Capacity (Latin American - Dual Language English/Spanish)	
292	1001171337	1	Decal - Max Capacity (Latin American - Dual Language English/Spanish)	
292	1001171341	1	Decal - Dual Capacity (Japanese Spec - Dual Language English/Japanese)	
292	1001171343	1	Decal - Max Capacity (Japanese Spec - Dual Language English/Japanese)	

SECTION 9 - DECAL

FIGURE 9-18. SKYWELDER DECAL INSTALLATION - 50HZ



ART_0272588

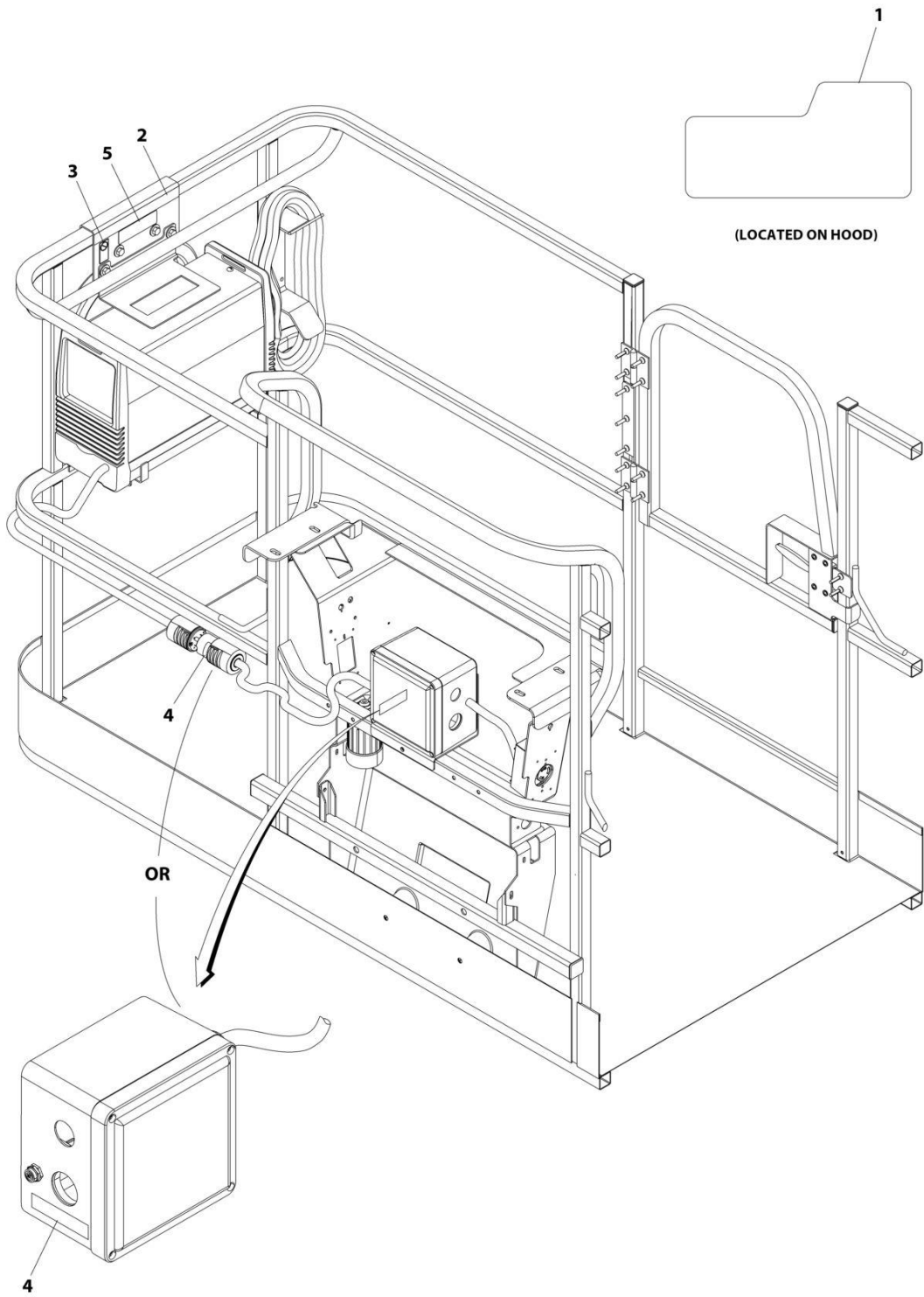
SECTION 9 - DECAL

FIGURE 9-18. 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 - DECAL

FIGURE 9-19. SKYWELDER DECAL INSTALLATION - 60HZ



ART_0272448_C

SECTION 9 - DECAL

FIGURE 9-19. 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
		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.	
	4360542	1	Breaker, Circuit (2500W Generators)	
	4360070	1	Breaker, Circuit - 15Amp (4000W/60Hz and 7500W Generators)	
	1001189172	1	Breaker 16 Amp Double (Breaker Box with Three Breakers)	
	7024485	1	Breaker, Circuit 30Amp (7500W Generators)	
	70006095	1	Breaker, Circuit 30Amp (7500W/60Hz Generators)	
	1001189171	1	Breaker, 30mA (Breaker Box with Three Breakers)	
	1001181045	1	Breaker, Combination 16Amp (Breaker Box with Single Breaker)	
	1001159118	1	Breaker GFCI 30Amp 240VAC (240V AC Box at Platform)	
	70002386	1	Coil (Main Valve, Axle Valve & Lift Cylinder)	
	70003788	1	Coil (Main Valve & Lift Cylinder)	
	70005219	1	Coil (Main Valve)	
	70004897	1	Coil (Piston Pump)	
	1001166538	1	Controller, Drive/Steer	
	1001166539	1	Controller, Lift/Swing	
	1001196636	2	Diode, 1Amp (Turntable Harness)	
	70010383	12	Element, Charge Pump (Control Valves)	
		Ref	Engine - Deutz D2011	
	70003783	12	Element, Air Cleaner	
	7020023	12	Filter, Fuel	
	70003463	12	Filter, Fuel - RME Resistant	
	7016331	12	Filter, Oil	
	70004058	1	Relay	
	3740140	1	Relay, 12v	
		Ref	Engine - Deutz D2.9L4	
	70003783	12	Element, Air Cleaner	
	8229242	2	Fuse, 5A	
	80983191	2	Fuse, 10A	
	70023592	2	Fuse, 20A	
	70023593	2	Fuse, 30A	
	1001117308	1	Relay, 200Amp	
	1001138228	1	Relay, Power Module	
		Ref	Engine - Deutz D2.9L4 (Stage V)	
	70003783	12	Element, Air Cleaner	
	70025161	12	Filter, Fuel	
	70025153	12	Filter, Fuel Pre	
	7016331	12	Filter, Oil	
	70029512	1	Module, Engine Control	
	1001117308	1	Relay, 200Amp	
	1001138228	1	Relay, Power Module	
		Ref	Engine - Deutz D2.9L4 (China IV)	
	70003783	12	Element, Air Cleaner	
	1001117308	1	Relay, 200Amp	
	1001138228	1	Relay, Power Module	

SECTION 10 - RECOMMENDED SERVICE PARTS STOCK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Engine - Kubota	
	70004020	12	Element, Air Filter	
	7017932	12	Element, Breather	
	7017992	12	Filter, Fuel	
	70006023	12	Filter, Oil	
	2400082	2	Fuse, 40A	
	70006061	1	Module, Engine Control	
	1001196634	2	Fuse, 2A (Breather Heater Installation & Turntable Harness)	
	8229249	2	Fuse, 3A (USB Charger)	
	8229242	2	Fuse, 5A (Turntable Harness)	
	8229244	2	Fuse, 15A (Turntable Harness)	
	8229245	2	Fuse, 30A (2500W Generator Harness)	
	2860030	1	Key, Replacement	
	2940074	1	Latch (Platforms with Swing Gate)	
	1001247468	1	Loadcell (Platform Support)	
	1001142683	1	Module, Beacon (Blue and Red Beacons)	
	1001170094	1	Module, Ground Control	
	1001157196	1	Module, Platform	
	70006553	1	Relay (4000W Generator)	
	3740086	1	Relay, 20Amp (SkyLine)	
	3740080	1	Relay, 20/40Amp (2500W Generators)	
	1001095704	1	Relay, 35Amp (Turntable Harness)	
	1001118971	1	Sensor, Angle (Transport Switches)	
	1001228225	1	Sensor, Emitter (SkyEye)	
	1001231195	1	Sensor, Fuel Level	
	4360057	1	Sensor, Limit (Soft Touch)	
	1001232667	1	Sensor, Proximity (SkyLine)	
	1001170847	1	Sensor, Proximity (Boom Switches)	
	1001182570	1	Sensor, Proximity (Boom Switches)	
	4360517	1	Sensor, Proximity (Rotary Coupling)	
	1001228224	1	Sensor, Receiver (SkyEye)	
	1001137673	1	Switch Bar Assembly (SkyGuard)	
	1001237902	1	Sensor, SkySense	
	1001219601	1	Sensor, Tilt (Electrical Panel)	
	1001225346	1	Switch, Battery (Battery Disconnect)	
	1001274559	1	Switch, Emergency Stop	
	1001117174	1	Switch, Foot	
	4360469	1	Switch, Key	
	4360407	1	Switch, Potentiometer	
	4360387	1	Switch, Pushbutton Yellow (Ground Control, Console Box & Soft Touch))	
	1001161710	1	Switch, Toggle (Engine Install)	
	4360336	1	Switch, Toggle (Generator)	
	1001155045	1	Switch, Toggle (Ground Control & Console Box)	
	1001159256	1	Switch, Toggle (Console Box)	
	1001161709	1	Switch, Toggle (Console Box)	
	4360328	1	Switch, Toggle (Jib Switch)	

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.	
	1001174347	Ref	Airline Installation - 400S	
	1001174348	Ref	Airline Installation - 460SJ	
	1001204996	Ref	Arctic Package with SkyPower Installation Kit (400S Only)	
	1001204997	Ref	Arctic Package without SkyPower Installation Kit (400S Only)	
	1001205008	Ref	Arctic Package with SkyPower Installation Kit (460SJ Only)	
	1001205009	Ref	Arctic Package without SkyPower Installation Kit (460SJ Only)	
	2915102	Ref	Bearing Kit	
	1001171499	Ref	Boom and Chassis Bellows Installation (400S Only)	
	1001171500	Ref	Boom and Chassis Bellows Installation (460SJ Only)	
	1001206437	Ref	Boom Wear Pad Kit	
	1001172630	Ref	Boom Wiper Installation	
	1001172045	Ref	Cable Carrier Tray Installation (460SJ Machines Only) (Australian Specs)	
	1001243183	Ref	ClearSky (Telematics) Added-on-Kit (Dealer Installed) (ANSI, ANSI Export, CSA Specs)	
	1001243184	Ref	ClearSky (Telematics) Added-on-Kit (Dealer Installed) (CE & UK CA Specs)	
	1001246142	Ref	ClearSky (Telematics) Added-on-Kit (Dealer Installed) (Australian Spec)	
	1001276923	Ref	ClearSky (Telematics) Add-on Kit - 3 Wire GT1030 (Dealer Installed)	
	1001242639	Ref	ClearSky (Telematics) Access Added-on-Kit (Dealer Installed) (ANSI, ANSI Export, CSA, CE & UK CA Specs)	
	1001227453	Ref	ClearSky (Telematics) Installation - Canbus 4G (Factory Installed) (All Specs Except China Specs)	
	1001246457	Ref	ClearSky (Telematics) Installation - Canbus 4G (Factory Installed) (China Specs)	
	1001228955	Ref	ClearSky (Telematics) Installation - Canbus 3G (Factory Installed) (ANSI Export, CE, Japanese & UK CA Specs)	
	1001246456	Ref	ClearSky (Telematics) Installation - Canbus 3G (Factory Installed) (Australian Specs)	
	1001276610	Ref	ClearSky (Telematics) Installation - 3 Wire GT1030 (Factory Installed)	
	1001262959	Ref	ClearSky Voltage Regulator Relocation Kit	
	1001183207	Ref	Cold Weather Package - Deutz D2011 Engines	
	1001183206	Ref	Cold Weather Package - Deutz D2.9L4 Engines	
	1001255807	Ref	Cold Weather Package - Deutz D2.9L4 Engines (Stage V)	
	1001216914	Ref	Cold Weather Package - Kubota Engines	
	1001177840	Ref	Container/Transport Wheels Installation - 12 x 16.5 Tires	
	1001177841	Ref	Container/Transport Wheels Installation - 14 x 17.5 Tires	
	0272031	Ref	Container/Transport Wheels Installation - 33/16LI x 16.1 Foam Filled Sand Tires	
	1001276007	Ref	Controller Service Kit - Drive/Steer	
	1001276008	Ref	Controller Service Kit - Lift/Swing	
	1001233047	Ref	Crankcase Breather Heater Kit - Deutz T4F Engine	
	1001177524	Ref	Cribbing Switch Installation (ANSI and CSA Specs)	
		Ref	Decal Installations:	
	1001178435	Ref	Decal - ClearSky	

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1702868	Ref	Decal - No Hands (English Language) (Used with Mesh to Top Rail Platform)	
	1704000	Ref	Decal - No Hands (English and French Dual Language) (Used with Mesh to Top Rail Platform)	
		Ref	Decal Kits:	
	1001270508	Ref	Machine Decal Kit	
	1001270509	Ref	Platform Decal Kit	
	1001270510	Ref	Platform Console Box Decal Kit	
	1001270514	Ref	Machine Decal Kit (ANSI 9220)	
	1001272196	Ref	Platform Decal Kit (ANSI 9220)	
	1001272082	Ref	Platform Console Box Decal Kit (400S) (ANSI 9220)	
	1001272083	Ref	Platform Console Box Decal Kit (460SJ) (ANSI 9220)	
	1001214833	Ref	Engine Block Heater - Kubota Engines	
		Ref	Fall Arrest (Bolt on):	
	1001269630	Ref	Fall Arrest 30x48" Add-on Kit (Bolt on)	
	1001269629	Ref	Fall Arrest 30x60" Add-on Kit (Bolt on)	
	1001269631	Ref	Fall Arrest 30x72" Add-on Kit (Bolt on)	
	1001237883	Ref	Fall Arrest Installation - 72in Standard Platform (Bolt on)	
	1001237882	Ref	Bolt on Fall Arrest - 96in Standard Platform	
	1001172751	Ref	Fan Cover Installation - Deutz D2.9L4 Engines/Deutz D2.9L4 Engines (Stage V)	
	1001204481	Ref	Filter Kit - Combined (Hydraulic Oil/Air & Engine Air/Fuel Oil) (Deutz D2011)	
	1001204482	Ref	Filter Kit - Combined (Hydraulic Oil/Air & Engine Air/Fuel Oil) (Deutz D2.9L4)	
	1001225794	Ref	Filter Kit - Combined (Hydraulic Oil/Air & Engine Air/Fuel Oil) (Deutz D2.3L3)	
	1001117294	Ref	Footswitch Shield Installation	
	1001220004	Ref	Ground Control Module Cover Kit	
	1001206439	Ref	Hose Kit - Power Track (Upper) (400S)	
	1001206440	Ref	Hose Kit - Power Track (Upper) (460SJ)	
	1001270503	Ref	Hose Kit - Power Track (Upper) (460SJ)	
	1001241396	Ref	Hostile Environment Kit, 400S	
	1001241402	Ref	Hostile Environment Kit, 460SJ	
	1001258230	Ref	Hydraulic Load Installation (Factory Installed)	
	1001268737	Ref	Jib Link Kit	
		Ref	Light Installations:	
	1001174926	Ref	Chassis Illumination	
	1001174925	Ref	Headlights and Taillights	
	1001120466	Ref	Platform Worklights	
	1001202749	Ref	Lockable Fuel Cap Cover - Black	
	1001191395	Ref	Lockable Fuel Cap Cover - Green (ANSI and ANSI Export Specs)	
	1001191394	Ref	Lockable Fuel Cap Cover - Red (ANSI and ANSI Export Specs)	
	1001183407	Ref	Low Temperature Cutout Installation (Russian Specs)	
	1001253618	Ref	Module Box Assembly Kit (Service Kit for P/N 1001246867)	
	1001253619	Ref	Module Box Assembly Kit (Service Kit for P/N 1001246860)	
	1001173664	Ref	Oil Cooler Installation - Deutz D2011 Engines	
	1001164493	Ref	Oil Cooler Installation - Deutz D2.9L4, Deutz D2.9L4 (Stage V) and Deutz D2.9L4 (China IV) Engines	
	1001216552	Ref	Oil Cooler Installation - Kubota Engines	
	1001272166	Ref	Pipe Rack Add-on Kit (Dealer Installed)	
	1580013	Ref	Platform Corner Storage Tray	
	1001195304	Ref	Platform Cover Installation - Clear	

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266290	Ref	Platform Cover Installation - Steel	
	1001270482	Ref	Platform Cover Installation – Steel (Dealer Installed)	
	1001274832	Ref	Platform Floormat Add-On Kit - 30x60 (Dealer Installed)	
	1001274830	Ref	Platform Floormat Add-On Kit - 36x72 (Dealer Installed)	
	1001274829	Ref	Platform Floormat Add-On Kit - 36x96 (Dealer Installed)	
	1001219794	Ref	Platform Hose and Cable Protection (400S)	
	1001258715	Ref	Platform Hose and Cable Protection (460SJ)	
	1001238421	Ref	Platform Leveling Kit	
		Ref	Platform Mesh to Mid Rail Add-On Kits - Dealer Installed:	
	1001214478	Ref	30in x 4ft (76cm x 1.22m)	
	1001214515	Ref	30in x 5ft (76cm x 1.52m)	
	1001214540	Ref	36in x 6ft (91.5cm x 1.83m)	
	1001214548	Ref	36in x 8ft (91.5cm x 2.44m)	
		Ref	Platform Mesh to Top Rail Add-On Kits - Dealer Installed:	
	1001214552	Ref	30in x 4ft (76cm x 1.22m)	
	1001214559	Ref	30in x 5ft (76cm x 1.52m)	
	1001214560	Ref	30in x 6ft (76cm x 1.83m)	
	1001214561	Ref	36in x 6ft (91.5cm x 1.83m)	
	1001214562	Ref	36in x 8ft (91.5cm x 2.44m)	
		Ref	Platform Mesh Add-On Kits - Factory Installed:	
	1001271642	Ref	Platform Mesh to Toprail Installation - 36 x 72 Platforms (ANSI and CSA Specs)	
	1001269187	Ref	Platform Mesh to Toprail Installation - 36 x 96 Platforms (ANSI and CSA Specs)	
	1001269389	Ref	Platform Mesh to Midrail Installation - 36 x 96 Platforms (ANSI, ANSI Export(LRC), Australian and China Specs)	
		Ref	Platform Plastic Mesh Add-On Kits - Factory Installed:	
	1001266489	Ref	Platform Plastic Mesh to Toprail Installation - 36 x 72 Platforms (ANSI and CSA Specs)	
	1001266056	Ref	Platform Plastic Mesh to Toprail Installation - 36 x 96 Platforms (ANSI and CSA Specs)	
	1001266098	Ref	Platform Plastic Mesh to Midrail Installation - 36 x 96 Platforms (ANSI, ANSI Export(LRC), Australian and China Specs)	
		Ref	Rail Extensions:	
	0272733	Ref	Platform Rail Extension Installation - 36 x 72 Platforms	
	0272725	Ref	Platform Rail Extension Installation - 36 x 96 Platforms	
	1001233079	Ref	Pump Rotation Kit	
	1001247800	Ref	Quad Tracks Replacement Kit	
	1001204963	Ref	Service Tools & Kits	S
		Ref	SkyGuard Kits:	
	1001247073	Ref	SkyEye Retrofit Kit	
	1001241547	Ref	SkyEye Housing Repair Kit - LH	
	1001241548	Ref	SkyEye Housing Repair Kit - RH	
	1001250595	Ref	SkyGuard 6-Pin Retrofit Installation Kit	
	1001203510	Ref	SkyGuard Kit, Without Beacon	
	1001203512	Ref	SkyGuard Kit, With Blue Beacon	
	1001210037	Ref	SkyGuard Kit, With Red Beacon	
	1001250035	Ref	SkyGuard Platform Sensor Kit	
	1001249052	Ref	SkyGuard Retrofit Kit	
	1001262016	Ref	SkyLine Kit	
		Ref	SkySense Installations:	
	1001250465	Ref	SkySense (EDS) Level 1 Booms (2-Bar) Installation (Factory Installed)	

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250466	Ref	SkySense (EDS) Level 2 Booms (3-Bar) Installation (Factory Installed)	
	1001246867	Ref	SkySense (EDS) Level 1 Booms (2-Bar) Installation Kit (Dealer Installed)	
	1001246860	Ref	SkySense (EDS) Level 2 Booms (3-Bar) Installation Kit (Dealer Installed)	
		Ref	Amber Beacon Installations:	
	1001178951	Ref	Platform Mounted (Amber)	
	1001177570	Ref	Platform/Ground Mounted (Amber)	
	1001231235	Ref	Sky Welder Locking Bracket	
		Ref	Tools For Service:	
	1001249695	Ref	Analyzer & Cable Kit	
	1001249941	Ref	Analyzer Kit (Battery Powered)	
	1001137005	Ref	Tools - Cable Kit, Software	
	7002821	Ref	Tools - Crimper, Wire	
	7002823	Ref	Tools - Pin Extractor - Universal (For Electrical Connectors with Pins and Sockets)	
	4460467	Ref	Tools - Pin Extractor - 16-18 Gauge (For Removal of Pin/Sockets from Deutsch Connectors)	
	4460510	Ref	Tools - Pin Extractor - 12-14 Gauge (For Removal of Pin/Sockets from Deutsch Connectors)	
	7016654	Ref	Tools - Screwdriver, Magnetic	
	7002822	Ref	Tools - Screwdriver, Potentiometer	
	7004275	Ref	Tools - Seal Tool 1in (For Cylinders)	
	7004276	Ref	Tools - Seal Tool 1-1/2in (For Cylinders)	
	7002828	Ref	Tools - Stripper, Wire	
	70004185	Ref	Tools - Torque Multiplier	
	1001274249	Ref	USB Charger Add-on Kit (Dealer Installed)	
	1001236496	Ref	Wet Stacking Prevention Kit	
	1001270716	Ref	White Noise (Constant) Alarm Add-on Kit (Dealer Installed)	
	1001270755	Ref	White Noise (Ambient) Alarm Add-on Kit (Dealer Installed)	
	1001209059	Ref	Work Surface Installation	

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

PART NUMBER INDEX

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

0080201.....286, 300	0275216533, 623	0682040.....51	0760607 216, 228, 244, 269
0080231.....188, 200	0275217537, 625	0682424.....441, 443, 445, 447	0760608 160, 171, 173, 286, 300, 333, 337, 341
0100009.....429	0275452539, 627	0700408.....531, 533, 535, 537, 539, 541, 543, 545, 547, 549, 551	0760610 75, 77, 113, 115, 117, 147, 149, 163, 165, 167, 169, 181, 188, 193, 200, 209, 214, 220, 226, 237, 244, 261, 269, 279, 286, 293, 300, 317, 319, 321, 345, 349, 353, 357, 361, 365, 369, 373, 557
0100011.....15, 17, 19, 21, 23, 53, 55, 61, 63, 75, 77, 95, 109, 111, 113, 125, 127, 147, 149, 152, 156, 160, 163, 165, 167, 169, 171, 173, 181, 185, 188, 193, 197, 200, 208, 211, 214, 220, 223, 226, 237, 241, 244, 255, 261, 265, 269, 279, 283, 286, 293, 297, 300, 323, 325, 327, 329, 331, 333, 337, 341, 345, 349, 353, 357, 361, 365, 369, 373, 383, 385, 387, 393, 395, 397, 399, 409, 411, 413, 417, 419, 421, 423, 425, 449, 451, 453, 457, 465, 467, 469	036040651	0700610.....182, 194	0760612 109, 111, 115, 117, 286, 300
0100019.....21, 23, 81, 87, 337, 345, 349, 353, 357, 361, 365, 369	040007575, 77	0700612.....113	0760613 208, 220, 237, 261
0100020.....57, 181, 188, 193, 200, 208, 214, 215, 220, 226, 237, 244, 261, 269, 279, 286, 293, 300, 437, 531, 533, 535, 537, 539, 541, 543, 545, 547, 549, 551	0440162 181, 193, 208, 220, 237, 261, 279, 293	0700614.....181, 193	0760614 163, 165, 167, 169, 171, 173, 189, 201, 357, 571
0100035 97, 99, 101, 103, 129, 257, 429, 439	044024087	0700619.....500, 508, 516	0760615143, 145
0100048.....141, 333, 337, 341, 345, 349, 353, 357, 361, 365, 369, 373	044027119	0700620.....115, 117, 587, 589, 591, 593	0760619269, 524
0100079.....345, 349, 353, 361, 365, 369, 373	0480122333	0700810.....286, 300	0760808 214, 226, 246, 269, 286, 300
0100081.....188, 200, 214, 226, 244, 269, 288, 302, 459, 579, 581, 583, 585, 587, 589, 591, 593	0480126345, 361	0700814.....286, 300	0760810 216, 228, 244, 269, 399
0140011.....429	0480128349, 365	0700815.....286, 300	0760812 214, 226, 244, 269, 279, 286, 293, 300, 317, 319, 321, 333, 337, 345, 350, 354, 362, 366, 370, 559
0140043.....115, 117	0480129374	0700816.....288, 302	0760814 188, 200, 214, 226, 244, 269, 286, 300, 327, 329, 341, 373, 579, 581, 583, 587, 589, 591, 593
0181949.....57	0561237589	0700817 181, 193, 208, 220, 237, 261, 279, 293	0760815 188, 200, 216, 228, 244, 269, 286, 300
0200048.....449, 451	0630462449, 451	0700818.....349, 353, 361, 365, 369, 373	0760816 49, 152, 156, 160, 269, 288, 302
0270022.....529	0630518 465, 467, 469	0700819.....373	0761008323
0270092.....41	0630563 579, 581, 583, 585, 587, 589, 591, 593	0700821.....181, 193, 208, 220, 261	0761009333, 393
0270653.....43	0630568429	0700822.....237	076101061, 63
0271998.....45	0630613 152, 156, 160	0701016.....288, 302, 373	0761011 17, 19, 325
0272031.....694	0641404457	0701017 208, 220, 237, 261	0761012 21, 23, 75, 77, 152, 156, 160, 163, 165, 167, 169, 269, 319, 323, 383, 387, 393
0272254.....467	0641405429, 457	0701018 97, 99, 101, 103	0761014 97, 99, 101, 103, 109, 111, 113, 152, 156, 160, 171, 173, 175, 214, 226, 237, 244, 261, 269, 279, 286, 293, 300, 333, 337, 399, 579, 581, 583, 585, 587, 589, 591, 593
0272427.....451	0641406 427, 471, 649, 651, 653, 655, 657, 659, 661, 663, 665, 667, 669, 671, 673, 675, 677, 679	0701020 97, 99, 101, 103, 387	0761015 61, 63, 181, 188, 193, 200, 208, 214, 220, 226, 237, 244, 261, 269, 279, 286, 293, 300, 337, 341, 387
0272435.....367, 371, 375	0641410 163, 165, 167, 169, 171, 173	0701022.....269	0761016 89, 109, 111, 113, 214, 226, 244, 269, 286, 300, 341, 397
0272448.....687	0641414 429, 449, 451, 453, 461, 463	0701025.....269	0761018 579, 583, 587, 591
0272521.....465	0641416 531, 533, 535, 537, 539, 541, 543, 545, 547, 549, 551	0701216.....286, 300	
0272588.....685	0641418 411, 413, 417, 419, 421, 423, 425, 587, 591	0701217 15	
0272589.....363	0641420409	0701219.....331	
0272725.....696	0641504 49, 181, 193, 209, 220, 237, 261, 279, 293, 585, 587, 589, 591, 593	0701220.....95	
0272733.....696	0641507 333, 337, 341	0701222.....385	
0273380.....367, 371, 375	0641606 465, 467, 469	0701223.....331	
	0641608387	0701224.....286, 300, 331, 341, 373	
	0641610 255, 257, 427	0701617 19	
	064161249, 57	0701618 81	
	0641616 345, 349, 353, 357, 361, 365, 369	0701619.....379, 381	
	0641772 333, 337, 341	0711214.....214, 226, 244, 269	
	0641812 185, 197, 211, 223, 241, 265, 283, 297	0711220.....17, 19	
	0642012459	0711224.....188, 200, 214, 226, 244, 269, 327, 329, 333, 337, 341, 345, 349, 353, 357, 361, 365, 373	
	0642212459	071629.....19	
	0681608 216, 228, 399	0721005.....451	
	0681620 441, 443, 445, 447	0721006.....255, 257	
	068181023	0731005 97, 99, 101, 103, 109, 111, 113, 449	
	0681814415	0741606.....214, 226, 244, 269	
	0681822415	0741607.....345, 349, 353, 357, 369	
	068201421, 23	0741608373	
	068202687	0760415.....397	
		0760506.....325	
		0760605.....286, 300	
		0760606.....286, 300, 345, 349, 353, 357, 361, 365, 369	

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

0761019 383, 385	1001026127 261	1001117110 634	1001135679 337, 353,
0761210 49, 214, 226,	1001091102 57, 571	1001117140 160	357, 370
244, 269	1001091969 533	1001117172 437	1001136834 215, 227,
0761212 214, 226, 244,	1001091970 537	1001117174 429, 437,	245, 270
269, 353, 357, 369	1001091973 539	691	1001137005 697
0761214 337, 341, 345,	1001091974 541	1001117294 695	1001137032 383, 385
349, 361, 365, 373	1001091975 549	1001117308 215, 227,	1001137336 288, 302
0761215 95, 261, 341,	1001093382 75, 77	245, 270, 690	1001137673 453, 691
373	1001095704 634, 691	1001117372 479	1001138173 188, 200,
0761216 269, 399	1001096070 345, 357,	1001118274 288	215, 227, 245, 270,
0761217 383, 385	575	1001118378 633	287, 301
0761218 379, 381	1001097051 643	1001118384 639	1001138175 188, 200,
0761615 15	1001097150 573, 575,	1001118388 639	215, 227, 245, 270,
0761620 81	577	1001118878 215, 227,	287, 301
0771212 209, 221, 237,	1001097244 473	245	1001138228 215, 227,
244, 261	1001098122 437, 619	1001118971 397, 691	245, 270, 690
0771414 188, 200, 214,	1001098828 399	1001118972 21, 23, 53,	1001138248 188, 201,
226, 244, 269, 327,	1001098928 500, 516	55, 97, 99, 101, 103,	215, 227, 245, 270,
329, 333, 337, 345,	1001099366 459	109, 111, 113, 280, 294	288, 302
349, 353, 357, 361, 365	1001099367 459	1001119020 561, 634	1001138494 409, 411,
0771416 345, 349, 361,	1001099560 383, 385	1001119032 633	413, 417, 419, 421, 423
365	1001100341 623	1001119278 193, 220,	1001138514 409, 411,
0772018 81	1001100342 625	293	413, 419, 423
0811608 21	1001100345 627	1001119619 641	1001138565 345
0860038 349, 353, 365,	1001100346 631	1001119620 643, 645	1001138566 346, 350,
369, 373, 529	1001100347 629	1001119661 681	353, 357
0860520 649, 651, 653,	1001101191 533, 537,	1001120328 115, 117,	1001138795 485
655, 657, 659, 661,	539, 541, 549	453, 457	1001138827 215, 227,
663, 665, 667, 669,	1001101196 533, 537	1001120466 695	271
671, 673, 675, 677, 679	1001101197 539, 541,	1001120471 473	1001139240 215, 227,
0861538 365, 369, 373	549	1001120477 473	270
0861572 361	1001103012 633	1001120484 473	1001139357 346, 350
0861731 543, 545, 547,	1001104029 349, 353,	1001125387 209, 221,	1001139384 163, 165,
551, 627, 629, 631	362, 366, 369, 374	261	167, 169, 171, 173
0861781 531, 535, 623,	1001104498 633	1001125677 620, 634	1001139586 19
625	1001104519 617	1001126009 639	1001139654 237
0861880 573, 575	1001106736 115, 117	1001126351 597, 602	1001139819 189, 200
0902733 49	1001107854 633	1001126362 597, 601	1001140312 228
0902734 49	1001108256 449	1001126363 597, 601	1001140346 354
0902888 349, 353, 361,	1001110434 429	1001126364 597, 601	1001140347 357
365, 369, 373	1001110872 553, 555	1001126365 597	1001140429 409, 411,
0940049 109, 111, 113,	1001110873 349, 353,	1001126391 597, 601	413, 417, 419, 421,
152, 156, 160	366, 370, 374, 529	1001126392 597, 601	423, 425
0940092 449, 451	1001111424 .. 75, 77, 188,	1001126485 602	1001140564 215, 227,
0940094 449, 451	200, 215, 227	1001126487 602	271
0940102 459	1001112551 653	1001128527 469	1001141300 682
0940103 451	1001112612 561, 634	1001128556 469	1001141302 682
0940177 449	1001112796 561	1001129858 350	1001141304 215, 227,
0961845 409, 411, 413,	1001113047 160	1001130220 261	245, 270
417, 419, 421, 423, 425	1001113680 657, 659	1001130492 682	1001141694 189, 200,
0961893 485	1001113961 633	1001131269 649, 651,	215, 227, 245, 270
0961947 387	1001116693 619	665, 667	1001141870 255, 257
0961948 17, 19	1001116710 607	1001132195 188, 200	1001141995 189, 200,
0961950 15, 383, 385,	1001116725 633	1001132196 188, 200	215, 227, 245, 270,
483	1001116732 611	1001133714 598, 602	287, 301
0961951 188, 200, 214,	1001116734 611	1001133715 598, 602	1001142501 209, 220,
226, 244, 269, 286,	1001116748 633	1001133956 597, 602	237, 255, 257, 261,
300, 383	1001116763 633	1001133957 597, 602	323, 325
0962051 331	1001116774 561	1001134488 215, 227,	1001142643 354, 370
0962270 415	1001116808 561	271	1001142646 354, 370
0962292 19	1001116812 601	1001134543 81	1001142683 143, 145,
0962335 387	1001116952 597, 601	1001135196 181, 193,	691
0962336 485	1001116983 607	208, 220, 237, 261,	1001142736 143, 145,
0962348 19, 385	1001117057 611	279, 293	561
0962520 345, 349, 353,	1001117106 597, 601,	1001135650 598, 602	1001142938 598, 601
357, 361, 365, 369, 373	634	1001135651 598, 602	1001142940 598, 601
1001001939 288	1001117107 597, 601		1001142941 598, 601

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001143390189, 200, 215, 227, 245, 270	1001155823.....208, 220, 237, 261	1001164709483	1001167520.....189, 201, 215, 227, 245, 270
1001143797215, 227, 245, 270	1001156107.....181, 193, 238	1001164817479	1001167565.....399
1001143852682	1001156819.....279, 294	1001165035208, 221, 237, 261, 270	1001167567.....399
1001144116215, 227, 245	1001157196.....429, 691	1001165060152, 156	1001167596.....399
1001144433453	1001157520.....363, 367, 371, 375	1001165363491	1001167632.....601
1001144629403, 405, 407, 417, 421	1001157521.....363, 367, 371, 375	1001165388189, 201, 215, 227, 245, 270	1001167635.....602
100114639745	1001157525.....362	1001165389189, 201	1001167916.....61
1001146588238, 246, 270	1001157528.....363, 367, 371, 375	1001165405215, 227, 245, 270	1001167917.....63
1001147233341, 374	1001157592.....366, 370, 374	1001165406215, 227, 245, 270	1001167918.....160
1001147264597	1001158007.....363, 367, 371, 375	1001165531393	1001168018.....189, 201, 215, 227, 245, 270, 287, 301, 327, 329, 334, 337, 341, 346, 350, 354, 358, 362, 366, 374
100114727441, 43	1001158008.....350, 354, 363, 367, 371, 375	1001165534393	1001168026.....215, 227, 245, 270
1001147812287, 301	1001158363.....350, 354	1001165538393	1001168059.....189, 201
1001147813288, 302	1001159118.....553, 555, 690	1001165567387	1001168099.....215, 227, 245, 270
1001148059358	1001159119.....553, 555	1001165721215, 227, 270	1001168166.....215, 227, 245, 270, 287, 301
1001148138338, 341	1001159120.....553, 555	1001165722215, 227, 245	1001168173.....152, 156
1001148641182, 194, 334, 337, 346, 350, 354, 358, 362, 366, 370	1001159121.....555	1001165849215, 227, 245	1001168207.....327, 337, 354, 358
1001148675553, 555	1001159162.....115, 117	1001166000211, 214	1001168209.....481, 491
100114886541	1001159256.....429, 691	1001166001208, 211	1001168210.....481
100114886641	1001159323.....160, 655	1001166002208	1001168402.....399
100114886943	1001161709.....429, 691	1001166003220	1001168401.....383
100114887043	1001161710.....279, 293, 691	1001166020185, 188	100116842.....383, 385
100114887545	1001162335.....216, 228, 255	1001166021181, 185	100116843.....379, 381
100114887645	1001162531.....61, 65	1001166022181	100116844.....379, 381
1001149160152, 156, 160, 287, 301	1001162532.....63, 69	1001166023193	100116845.....379, 381
1001149452323	1001162537.....23, 39	100116647849	100116847.....385
1001149639287, 301	1001162538.....61, 63, 73	1001166538429, 431, 690	100116848.....383
100114995341, 43, 45	1001162995.....15	1001166539429, 433, 690	100116849.....383, 385
1001150324 15, 109, 111, 113	1001163178...17, 19, 489	100116656315	100116854.....379, 381
100115032615	1001163179.....17, 19	100116671097, 99, 101, 103	100116855.....95
1001150918194, 221, 293	1001163385.....379, 381, 487	1001166717189, 201	1001168950.....270
1001150998189, 201	1001163386.....383, 385, 481	1001166718189, 201, 215, 227, 245, 270, 287, 301, 327, 329	1001168992.....87
1001151393131, 133, 135, 137	1001163405.....17, 19	1001166894331	1001169046.....152, 156, 160
1001152456350, 354	1001163418.....97, 99	1001166921215, 227, 245, 270	1001169054.....216, 227, 245, 271, 287, 301
1001152457350, 354	1001163459.....383	1001166922329	1001169086.....53
1001152483577	1001163470.....383	1001166924215, 227, 245, 270	1001169138.....216, 228, 245, 271, 287, 301
1001152485557, 577	1001163482.....381, 385	1001166970208, 221, 237, 262	1001169185.....95
1001152489215, 227, 245, 270	1001163483.....385	1001166997491	1001169191.....89
1001152525350, 354, 363, 367, 371, 375	1001163492.....385	1001167036185, 197, 211, 223, 241, 265, 283, 297, 311	1001169192.....89
1001152530350, 354	1001163580.....15, 479	1001167038181, 193	1001169193.....89
1001152532346, 350, 354, 358, 613	1001163671.....101, 103	1001167108215, 227, 597	1001169284.....383, 385
1001153260350, 354	1001163715.....17, 19	1001167111189, 201, 595	1001169285.....383, 385
1001154405208, 220, 237, 255, 257, 261, 270, 323, 325	1001163716.....17, 19	1001167159152, 156	1001169286.....383, 385
1001154726611	1001163717.....19	1001167164317, 319, 321	1001169287.....383, 385
1001155041337, 341, 374	1001163722.....19	1001167512181, 194, 208, 221, 237, 262, 279, 293	1001169288.....383, 385
1001155043119, 121, 123	1001163724.....19		1001169289.....383, 385
1001155044111, 119, 121, 123, 279, 293, 429	1001163726.....19		1001169380.....383, 385
1001155045119, 121, 123, 429, 691	1001163959.....21, 23		1001169496.....91
	1001164092.....17		1001169582.....91
	1001164094.....15		1001169611.....393
	1001164095.....19		1001169669.....381
	1001164202.....331		1001169761.....57
	1001164209.....17, 19		1001169823.....181, 194, 208, 221, 237, 262
	1001164493.....695		1001169955.....53, 55
	1001164552.....15		

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001169967 216, 228, 245, 271, 287, 301	1001172564 681	1001173808 569, 579, 581, 583, 585, 587, 589, 591, 593	1001176848 17, 19
1001169973 53	1001172565 681		1001176862 553
1001170035 216, 228, 245, 271, 287, 301	1001172570 681		1001176899 393
1001170094 115, 691	1001172571 681	1001173810 365	1001176952 563, 579, 581, 583, 585
1001170145 77	1001172572 681	1001173811 361	1001176953 565, 587, 589, 591, 593
1001170224 315	1001172577 459	1001173898 501, 509, 517, 525	1001177359 216, 228, 245
1001170475 169	1001172578 459	1001173900 501, 509, 517, 525	1001177451 681
1001170551 152, 156, 163	1001172620 681	1001173901 501, 509, 517, 525	1001177524 694
1001170552 152, 156, 167	1001172630 694	1001173902 501, 509, 517, 525	1001177570 697
1001170564 397	1001172692 501, 509, 517, 525	1001173903 501, 509, 517, 525	1001177840 694
1001170565 397	1001172694 501, 509	1001173904 501, 509, 517, 525	1001177841 694
1001170642 397	1001172695 501, 509, 517, 525	1001173905 517, 525	1001178228 165
1001170650 317	1001172696 501, 509	1001173906 517, 525	1001178415 681
1001170662 317	1001172697 501, 509, 517, 525	1001173907 501, 509, 517, 525	1001178433 681
1001170663 317, 321	1001172698 509, 525	1001173908 501, 509, 517, 525	1001178435 694
1001170664 317, 319, 321	1001172699 509, 525	1001173909 500, 509, 517, 525	1001178788 215, 227, 245, 271
1001170693 189, 201, 203	1001172703 509, 525	1001173925 346, 350, 362, 366	1001178859 189, 201
1001170736 49	1001172707 509, 525	1001173927 579, 581, 583, 585, 587, 589, 591, 593	1001178876 216, 228
1001170764 602	1001172716 501, 509, 517, 525	1001173937 500, 509, 517, 525	1001178951 697
1001170847 395, 397, 691	1001172717 501, 509, 517, 525	1001173983 349	1001179154 350, 354, 366, 370, 374
1001170850 152, 156	1001172718 501, 509, 517, 525	1001174040 399	1001179836 337, 341
1001170982 271	1001172719 501, 509, 517, 525	1001174098 152, 156, 160	1001179837 337, 341
1001171067 383, 385	1001172721 501, 509, 517, 525	1001174158 358	1001179893 338, 342
1001171112 383, 385	1001172722 501, 509, 517, 525	1001174347 694	1001179903 216, 228, 245, 271
1001171131 553	1001172723 501, 509, 517, 525	1001174348 694	1001180001 337, 341
1001171324 383, 385	1001172751 695	1001174349 681	1001180620 216, 228, 245, 271, 287, 301
1001171335 682	1001172757 109, 111, 113, 115, 117	1001174350 681	1001180797 337
1001171337 682, 683	1001172760 429	1001174367 369	1001180798 333
1001171339 653, 655	1001172816 141	1001174486 279, 293	1001181045 573, 575, 690
1001171341 683	1001173233 395	1001174675 358, 362, 366, 370, 374	1001181051 387, 391
1001171343 683	1001173342 208, 221, 238, 262, 607	1001174777 223, 226	1001181074 501, 509, 517, 525
1001171345 682	1001173354 152, 156, 160	1001174778 221, 223	1001181075 501, 509, 517, 525
1001171347 683	1001173356 152	1001174783 197, 200	1001181076 517, 525
1001171349 683	1001173456 579, 581, 583, 585, 587, 589, 591, 593	1001174784 194, 197	1001181077 517, 525
1001171351 682	1001173535 286, 300	1001174925 695	1001181145 682
1001171353 682	1001173594 579, 583	1001174926 695	1001181243 338, 342
1001171355 682	1001173599 587, 591	1001175024 508, 524	1001181243 585
1001171357 682	1001173600 585	1001175068 315	1001181329 579, 581, 583, 589, 593
1001171361 682	1001173605 593	1001175071 315	1001181405 141
1001171368 655	1001173664 695	1001175073 331	1001181895 228
1001171382 653	1001173665 579, 581, 583, 585, 587, 589, 591, 593	1001175074 331	1001181913 49
1001171482 119, 121, 123	1001173670 682	1001175075 331	1001182155 49
1001171499 694	1001173703 682	1001175170 581	1001182245 55
1001171500 694	1001173761 579, 581, 583, 585, 587, 589, 591, 593	1001175171 589	1001182250 55
1001171667 383, 385	1001173763 393	1001175239 581	1001182296 334, 338, 342
1001171953 185, 197, 211, 223, 241, 265, 283, 297	1001173807 567, 579, 581, 583, 585	1001175241 589	1001182361 597, 602
1001171954 185, 197, 211, 223, 241, 265, 283, 297		1001175542 353	1001182365 597, 602
1001171966 383, 385		1001175631 350, 354	1001182570 395, 397, 691
1001171967 383, 385		1001175633 287, 301	1001182806 147
1001172045 694		1001176469 135, 137	1001183206 694
1001172128 579, 581, 583, 585, 587, 589, 591, 593		1001176636 587, 589, 591, 593	1001183207 694
1001172195 181, 194			1001183407 695
			1001183477 334, 338

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001184542 501, 509, 517, 525	1001193654 501, 509, 517, 525	1001203459 587, 591, 593	1001213029 342, 374
1001184543 501, 509, 517, 525	1001194197 543	1001203510 696	1001213062 279, 293
1001184561 501, 509, 517, 525	1001194198 545	1001203512 696	1001213305 287, 301
1001184562 501, 509, 517, 525	1001194200 547	1001203655 415	1001213425 287, 301
1001184563 501, 509, 517, 525	1001194203 531	1001204481 695	1001213426 287, 301
1001184618 439	1001194204 535	1001204482 695	1001213447 619
1001184626 429	1001194365 551	1001204510 653, 682	1001213482 287, 301
1001184637 334	1001195039 280, 294	1001204715 395, 397	1001213599 279, 293, 605
1001184644 334	1001195304 695	1001204725 399	1001213824 287, 301
1001184645 334	1001195745 681	1001204963 696	1001213882 429
1001184682 149	1001195746 681	1001204996 694	1001214029 682
1001185281 429	1001196382 346, 350, 354, 358, 362, 366, 370	1001204997 694	1001214138 287, 301
1001185821 75, 77, 79	1001196589 633	1001205008 694	1001214162 21
1001186333 415	1001196602 633	1001205009 694	1001214174 21, 31
1001186377 409	1001196604 634	1001205958 539, 541, 543, 545, 547, 549	1001214205 287, 301
1001186379 411	1001196634 253, 634, 691	1001206314 152, 156, 160	1001214207 185, 197, 211, 223, 241, 265, 283, 297
1001186382 413	1001196636 633, 690	1001206402 160	1001214233 287, 301
1001186383 407	1001197017 449, 451	1001206403 160	1001214234 287, 301
1001186384 405	1001197272 500, 508, 516, 524	1001206404 160, 171	1001214269 301
1001186386 403	1001197284 501, 509, 517, 525	1001206405 171	1001214276 287, 301
1001186431 453	1001197719 602	1001206418 160, 173	1001214277 287, 301
1001186432 617, 639	1001199035 681	1001206437 694	1001214278 287, 301
1001186517 453	1001199036 681	1001206439 695	1001214307 287, 301
1001187077 634	1001199177 105, 107	1001206440 695	1001214317 21, 37
1001187078 634	1001199207 152, 156, 160	1001206476 559	1001214478 696
1001187382 399	1001199901 152, 156, 160	1001206532 429	1001214502 279, 294
1001187383 399	1001200128 682	1001206625 483	1001214508 287, 301
1001187522 334, 338, 342, 611	1001200129 682	1001206917 97, 101, 105	1001214515 696
1001187674 455	1001200130 682	1001207004 145	1001214540 696
1001187681 641	1001200131 682	1001207332 501, 509, 517, 525	1001214546 342, 374
1001187807 139, 439	1001200132 682	1001207333 501, 509, 517, 525	1001214548 696
1001188334 95	1001200133 682	1001207340 508	1001214552 696
1001188622 399	1001200134 682	1001207341 524	1001214553 287, 301
1001188731 334, 338, 342	1001200458 163, 167	1001207349 97	1001214555 287, 301
1001188844 399	1001200491 399	1001207350 101	1001214556 287, 301
1001188972 193, 220, 293	1001200494 399	1001207726 173	1001214558 287, 301
1001189001 399	1001200910 143	1001208874 61, 63	1001214559 696
1001189002 399	1001201351 399	1001208994 399	1001214560 696
1001189171 577, 690	1001201633 167	1001209059 697	1001214561 696
1001189172 577, 690	1001201634 167	1001209432 559	1001214562 696
1001189882 655	1001201635 163	1001209474 559	1001214570 559
1001190368 17, 19	1001201636 163	1001209618 147	1001214571 559
1001190663 147, 149	1001202298 152, 156	1001209664 453	1001214598 287, 302
1001190921 634	1001202687 399	1001209677 557	1001214599 288, 302
1001190985 399	1001202749 695	1001209832 557	1001214614 501, 517
1001191275 500, 508, 516, 524	1001202830 165	1001209844 287, 301, 309	1001214664 288, 302
1001191276 500, 508, 516, 524	1001202831 169	1001210037 696	1001214694 288, 302
1001191394 695	1001202910 500, 508, 516, 524	1001210636 473	1001214833 695
1001191395 695	1001202940 500, 508, 516, 524	1001211336 101, 103	1001214841 288, 302
1001191620 216, 228, 245, 271	1001202941 501, 509	1001211633 160	1001214909 341
1001192401 634	1001202942 517, 525	1001211636 160	1001214910 373
1001193018 531, 533, 535, 537, 539, 541, 543, 545, 547, 549, 551	1001202943 501, 509, 517, 525	1001211794 287, 301	1001214975 189, 201
1001193336 97, 99	1001202944 509, 525	1001211797 287, 301	1001215125 288, 302
	1001202946 501, 509, 517, 525	1001211877 317	1001215228 429
	1001203434 579, 583	1001211878 317	1001215259 279, 294
	1001203435 587, 591	1001212223 370, 374	1001215373 115, 117
		1001212257 279, 293	1001215509 21
		1001212819 160	1001215523 374
		1001212822 160	1001215801 279, 294
		1001212989 287, 301	1001215869 288, 302
		1001212993 287, 301	1001216080 294
			1001216396 279, 294
			1001216397 279, 294
			1001216399 280, 294

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001216512.....	319	1001225430.....	231	1001233047.....	694	1001238254.....	429, 619
1001216547.....	319	1001225580.....	453, 617	1001233048.....	175	1001238263.....	441, 443, 445, 447
1001216548.....	319	1001225794.....	695	1001233075.....	175	1001238319.....	455
1001216549.....	319	1001226400.....	563, 565	1001233076.....	175	1001238418.....	457, 639
1001216552.....	695	1001226531.....	559	1001233077.....	175	1001238421.....	399, 696
1001216598.....	156	1001226872.....	425	1001233079.....	696	1001238463.....	445
1001216630.....	399	1001227453.....	694	1001233139.....	17	1001238472.....	457
1001216655.....	501, 509, 517, 525	1001227633.....	455	1001233412.....	175	1001238495.....	453
1001216800.....	516	1001227634.....	455	1001233436.....	175	1001238559.....	457
1001216801.....	500	1001227985.....	455	1001233763.....	221, 253	1001238886.....	125
1001216805.....	342, 374	1001227987.....	455	1001234800.....	597, 602	1001238887.....	119, 125
1001216825.....	288, 302	1001227996.....	643, 645	1001235527.....	127	1001238911.....	246
1001216840.....	342	1001228092.....	379, 381, 483	1001235528.....	125, 127, 129	1001238932.....	75
1001216914.....	694	1001228215.....	425	1001235529.....	125, 127, 129	1001239202.....	601
1001217342.....	341, 373	1001228224.....	455, 691	1001235531.....	121, 127	1001239293.....	111, 121, 135
1001217343.....	286, 300	1001228225.....	455, 691	1001235949.....	246, 257	1001239294.....	109, 119
1001217344.....	341, 373	1001228243.....	421	1001236087.....	439	1001239512.....	109, 111, 113
1001217345.....	280, 294, 341, 373	1001228375.....	423	1001236091.....	139	1001239802.....	57
1001217488.....	655	1001228376.....	417	1001236250.....	279	1001241162.....	461
1001217494.....	279, 286, 294, 300	1001228377.....	419	1001236252.....	293	1001241291.....	165
1001217785.....	279, 293	1001228406.....	152, 156, 160	1001236254.....	279, 283	1001241292.....	169
1001218538.....	93	1001228487.....	81, 84	1001236256.....	283, 286	1001241396.....	695
1001218676.....	93	1001228492.....	81	1001236257.....	287, 301	1001241402.....	695
1001219130.....	93	1001228955.....	694	1001236258.....	294, 297	1001241547.....	696
1001219134.....	160	1001228988.....	469, 685, 687	1001236259.....	297, 300	1001241548.....	696
1001219601.....	115, 117, 691	1001229341.....	455	1001236303.....	75	1001241965.....	457
1001219794.....	696	1001229795.....	609	1001236304.....	559	1001242106.....	111
1001220004.....	695	1001229796.....	609	1001236393.....	287, 301, 305	1001242538.....	649
1001220266.....	238	1001229798.....	280, 294, 609	1001236496.....	697	1001242559.....	651
1001220379.....	598	1001230635.....	215, 227, 245, 271	1001236504.....	559	1001242561.....	669
1001221203.....	271	1001230784.....	346, 358, 571	1001236505.....	559	1001242562.....	671
1001221212.....	271	1001230907.....	571	1001236552.....	457	1001242563.....	673
1001221402.....	131	1001230908.....	345	1001236746.....	447	1001242564.....	675
1001221403.....	133	1001230931.....	633	1001236747.....	443	1001242565.....	677
1001221405.....	135	1001230934.....	597, 602	1001236780.....	245	1001242566.....	679
1001221927.....	383, 389	1001230935.....	597, 602	1001236891.....	441, 443, 445, 447	1001242567.....	665
1001222043.....	160	1001230936.....	597, 602	1001236895.....	441, 443, 445, 447	1001242568.....	667
1001222044.....	160	1001231195.....	97, 99, 101, 103, 691	1001236965.....	109	1001242569.....	661
1001222139.....	131	1001231235.....	697	1001237544.....	439	1001242570.....	663
1001222140.....	133	1001231801.....	681	1001237546.....	139	1001242571.....	657
1001222142.....	135	1001231886.....	147	1001237549.....	175	1001242572.....	659
1001222660.....	262	1001231886.....	147	1001237667.....	619, 633	1001242639.....	694
1001223055.....	649, 651	1001231949.....	447	1001237668.....	619, 633	1001242680.....	139, 439
1001223122.....	246, 346, 350, 354, 358, 362, 366, 370	1001231950.....	443, 445	1001237822.....	109, 111, 113	1001242851.....	143
1001223309.....	321	1001232010.....	443, 445, 447	1001237849.....	109, 111, 113, 633	1001242852.....	145
1001223310.....	321	1001232011.....	443, 445, 447	1001237863.....	455, 643	1001243092.....	461
1001223328.....	321	1001232066.....	655	1001237864.....	455, 645	1001243183.....	694
1001223387.....	160	1001232164.....	455	1001237865.....	455, 641	1001243184.....	694
1001223453.....	649, 651, 665, 667, 677, 679	1001232165.....	455	1001237882.....	695	1001243205.....	461
1001223454.....	321	1001232545.....	245, 249	1001237883.....	695	1001243414.....	152, 156, 160
1001223459.....	597, 601	1001232642.....	457	1001237888.....	461, 463	1001243699.....	681
1001223899.....	387	1001232667.....	457, 691	1001237891.....	463	1001243700.....	681
1001223971.....	665, 667	1001232842.....	253	1001237898.....	461, 463	1001243895.....	253
1001224048.....	673, 675	1001232907.....	175	1001237902.....	461, 463, 691	1001244019.....	327
1001224049.....	677, 679	1001232908.....	175	1001238160.....	109, 111, 113, 637	1001244024.....	329
1001224050.....	661, 663	1001232913.....	175	1001238161.....	109, 111, 113, 615	1001244283.....	237
1001224052.....	657, 659	1001232915.....	175			1001244285.....	238, 241
1001224053.....	669, 671	1001232916.....	175			1001244286.....	241, 244
1001224888.....	393	1001232917.....	175			1001244335.....	463
1001225346.....	559, 691					1001244336.....	461

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001244732 463	1001253619 695	1001265163 473	10702082 .. 362, 367, 371, 375
1001244733 463	1001253892 165	1001265342 473	1120555 459
1001244873 379	1001253893 169	1001266056 696	1260017 91
1001244874 379, 383	1001253896 165	1001266098 696	1300018 47
1001244975 427	1001253897 169	1001266290 696	1320016 188, 200
1001244976 427, 429	1001253903 165, 169	1001266489 696	1320061 237
1001245305 238	1001254472 457	1001267304 681	1320176 315
1001245317 129	1001254473 457	1001267305 681	1320187 181, 193, 208, 220, 237, 261
1001245379 123, 129	1001254665 649	1001268737 695	1320190 181, 193, 208, 220, 237, 261
1001245380 113, 123	1001254666 649	1001269187 696	1320218 57
1001245658 681	1001254667 665	1001269297 47	1320220 57
1001245827 137	1001254668 665	1001269298 47	1320223 193, 220, 293
1001245831 137	1001254669 673	1001269389 696	1320224 182, 194
1001245839 246, 601	1001254670 673	1001269629 695	1320302 465, 467, 469
1001245993 113	1001254671 661	1001269630 695	1321283 279, 293
1001246087 93	1001254672 661	1001269631 695	1321716 97, 99, 101, 103, 214, 226, 244, 261, 333, 337, 345, 350, 354, 357, 362, 366, 370
1001246142 694	1001254673 657	1001270482 696	1380147 331
1001246389 461	1001254674 657	1001270503 695	1580011 286, 300
1001246456 694	1001254675 677	1001270508 695	1580012 471
1001246457 694	1001254676 677	1001270509 695	1580013 695
1001246859 117	1001254677 669	1001270510 695	1670603 551
1001246860 697	1001254678 669	1001270514 695	1670769 587, 589, 591, 593
1001246867 697	1001254750 651	1001270716 697	1671092 366, 370, 374
1001247048 385, 387	1001254751 667	1001270755 697	1671093 467
1001247073 696	1001254752 675	1001271497 619	1684290 479
1001247252 461	1001254753 663	1001271642 696	1700818 681
1001247359 288, 302	1001254754 659	1001272082 695	1701499 649, 651, 653, 655, 657, 659, 661, 663, 665, 667, 669, 671, 673, 675, 677, 679
1001247468 399, 691	1001254755 679	1001272083 695	1701500 649, 651, 653, 655, 657, 659, 661, 663, 665, 667, 669, 671, 673, 675, 677, 679
1001247656 357	1001254756 671	1001272166 695	1701504 649, 651, 653, 655, 657, 659, 661, 663, 665, 667, 669, 671, 673, 675, 677, 679
1001247800 696	1001255133 399	1001272196 695	1701505 181, 193, 208, 220, 237, 261, 681
1001248012 387, 485	1001255807 694	1001274249 697	1701509 459, 649, 651, 653, 655, 657, 659, 661, 663, 665, 667, 669, 671, 673, 675, 677, 679
1001248140 441, 443, 445, 447	1001256506 598	1001274559 119, 121, 123, 429, 691	1701518 653, 655
1001248141 441, 443, 445, 447	1001256507 597	1001274829 696	1701529 649, 651, 653, 655, 657, 659, 661, 663, 665, 667, 669, 671, 673, 675, 677, 679
1001248190 358	1001256879 238	1001274830 696	1701542 279, 293, 681
1001249052 696	1001257271 441	1001274832 696	1701543 279, 293, 681
1001249695 697	1001257274 441	1001275635 500, 508, 516, 524	1702300 649, 651, 653, 655, 657, 659, 661, 663, 665, 667, 669, 671, 673, 675, 677, 679
1001249941 697	1001257275 441	1001276007 694	1702565 429
1001249965 216, 228, 231	1001258005 441	1001276008 694	1702566 429
1001250035 696	1001258112 271, 273	1001276610 694	1702567 429
1001250287 152, 160	1001258230 695	1001276643 271	1702720 681
1001250288 156	1001258495 643, 645	1001276923 694	
1001250289 152, 156, 160	1001258502 271	1001278022 23, 35	
1001250465 696	1001258505 323	1001280270 271	
1001250466 697	1001258715 696	1001280340 117	
1001250595 696	1001258730 461, 463	1001281985 271	
1001250681 109, 111, 113	1001258804 246	1001281986 271	
1001250764 649, 651, 653, 657, 659, 661, 663, 665, 667, 669, 671, 673, 675, 677, 679, 681	1001258941 261	1001285010 23	
1001251075 383, 385, 491	1001258942 262, 265	1001286148 .. 99, 103, 107	
1001252527 597, 602	1001258943 265, 269	1001286149 99	
1001252629 441, 443, 445, 447	1001259083 325	1001286150 103	
1001252922 501, 509, 517, 525	1001259086 323	1001286568 270	
1001252923 501, 509, 517, 525	1001259087 323	1001287643 270	
1001253375 617	1001259230 165, 169	1001288195 397	
1001253618 695	1001260412 216, 228, 246	1001288266 270	
	1001260420 216, 227, 245	1001288366 271	
	1001260432 357	1060341 449, 451	
	1001260524 461	1060343 366, 370, 374	
	1001260525 461, 463	1060494 334, 338, 342	
	1001260576 271	1060626 193, 220, 293	
	1001261045 357	1060903 449, 451	
	1001261085 357	1060908 573, 575, 577	
	1001262016 696	1060918 437	
	1001262959 694	1062255 238	
	1001263176 149	10702077 ... 362, 367, 371, 375	

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

1702773 415, 655, 681	1704972 682	2220261 57, 286, 300	2220947 500, 508, 516,
1702774 681	1705014 415	2220273 89	524
1702861 681	1705305 469, 685, 687	2220313 181, 193, 208,	2220998 500, 508, 516,
1702868 469, 649, 651,	1705325 531, 533	220, 237, 261	524
681, 687, 695	1705351 649, 651	2220315 188, 200, 214,	2221018 57
1702938 449, 451	1705355 685, 687	226, 244, 269, 286, 300	2221019 57
1702941 193, 220, 293	1705358 681	2220366 500, 508, 516,	2221024 57
1702942 193, 220, 293	1705374 349, 353, 553,	524	2221040 508, 524
1702943 193, 220, 293	555	2220371 500, 508, 516,	2221052 49
1702944 193, 220, 293	1705375 367, 371, 375,	524	2221086 39, 500, 508,
1702968 49	469, 687	2220372 49, 500, 508,	516, 524
1703162 188, 200, 214,	1705387 349, 353, 367,	516, 524	2400060 253, 473, 619
226, 244, 269, 286, 300	371, 375	2220373 500, 508, 516,	2400066 611
1703797 649, 651	1705426 669, 671	524	2400082 609, 691
1703798 649, 651	1705427 673, 675	2220374 500, 508, 516,	2410014 415
1703804 649, 651	1705429 665, 667	524	2420203 333, 338, 342
1703805 649, 651	1705430 661, 663	2220375 500, 508, 516,	24431386 280, 294
1703923 677, 679	1705460 363, 367, 371,	524	2460048 361, 365
1703924 665, 667	375	2220377 500, 508, 516,	2460055 333
1703925 661, 663	1705461 363	524	2540020 143, 145
1703926 669, 671	1705489 345, 357, 362,	2220415 500, 516	2560136 429
1703927 673, 675	363	2220451 188, 200, 500,	2560187 163, 165, 167,
1703928 657, 659	1705822 653, 655	508, 516, 524	169, 171, 173
1703929 677, 679	1705828 653, 655	2220466 500, 508, 516,	2580024 193, 220, 293
1703930 665, 667	1705910 677, 679	524	2580062 200
1703931 661, 663	1705921 653, 655	2220468 500, 508, 516,	2600281 403, 405, 407,
1703932 669, 671	1705961 653, 655	524	417, 421
1703933 673, 675	1706059 682	2220472 516, 524	2720015 214, 226, 244,
1703934 657, 659	1706060 682	2220473 500, 508, 516,	269
1703935 677, 679	1706061 682	524	2720058 181, 193, 288,
1703936 665, 667	1706062 682	2220497 500, 508, 516,	302
1703937 661, 663	1706063 682	524	2720144 57
1703938 669, 671	1706064 682	2220500 508, 524	2720271 288, 302
1703939 673, 675	1706098 682	2220501 500, 508, 516,	2720340 214, 226, 244
1703940 657, 659	1706385 415	524	2720392 57
1703941 677, 679	2030010 465, 467, 469	2220502 500, 508, 516,	2720398 188, 201
1703942 665, 667	2060025 188, 200	524	2720447 188, 201
1703943 661, 663	2060404 501, 508, 516,	2220579 49	2720615 288, 302
1703944 669, 671	525	2220582 500, 508, 516,	2720644 286, 300
1703945 673, 675	2080040 357, 403, 405,	524	2750532 181, 193, 209,
1703946 657, 659	407, 417, 421, 557	2220596 508, 524	221, 237
1703947 677, 679	2080044 587, 591	2220600 500, 508, 516,	2752500 501, 509, 517,
1703948 665, 667	2080069 461, 463	524	525
1703949 661, 663	2110810 500, 508, 516,	2220603 508, 524	2780267 21, 23, 25
1703950 669, 671	524	2220628 500, 508, 516,	2780268 23, 29
1703951 673, 675	2110812 500, 508, 516,	524	2820031 333, 337, 341,
1703952 657, 659	524	2220648 57	345, 349, 353, 357,
1703953 649, 651	2111216 500, 508, 516,	2220695 500, 508, 516,	361, 365, 369, 373
1703980 669, 671	524	524	2820035 253
1703981 673, 675	2131212 500, 508, 516,	2220726 500, 508, 516,	2820247 643, 645
1703982 661, 663	524	524	2840016 331
1703983 677, 679	2131216 500, 508, 516,	2220767 208, 220, 237,	2860030 131, 133, 135,
1703984 665, 667	524	261	137, 691
1703985 657, 659	2180125 57	2220775 500, 508, 516,	2900756 39
1704000 665, 667, 681,	2180348 181, 193, 279,	524	2900770 .. 65, 69, 70, 481,
695	293	2220881 481, 491	491
1704001 677, 679	2180387 57	2220883 33, 37, 39, 66,	2900792 485
1704002 657, 659	2180388 57	70, 73, 479, 483, 485	2902065 188, 201, 214,
1704260 429	2180389 57	2220885 485, 491	226, 244, 269, 275
1704271 681	2180418 57	2220886 33, 491	2902212 459
1704277 655	2180504 288, 302	2220887 105, 107	2902217 465, 467
1704412 649, 651, 653,	2180832 208, 220, 237,	2220906 500, 508, 516,	2902266 479
655, 657, 659, 661,	261	524	2902443 595, 597, 601
663, 665, 667, 669,	2220005 57	2220923 500, 508, 516,	2902549 571, 573
671, 673, 675, 677, 679	2220124 89	524	2915102 694
1704578 49	2220237 500, 516	2220946 500, 508, 516,	2920028 449, 451
1704885 681	2220238 . 49, 95, 500, 516	524	2920029 449, 451

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

2940045.....173	165, 167, 169, 171,	3331215.....188, 200, 214,	3841143 17, 19, 181, 193,
2940074.....403, 405, 407,	173, 175, 181, 188,	226, 244, 261, 269	208, 220, 237, 261,
417, 421, 691	193, 200, 208, 214,	3340956.....459	279, 293, 383, 387, 399
2940173.....163, 165, 167,	220, 226, 237, 244,	3380434.....427	3841203.....379, 381, 385
169, 171, 173	261, 269, 279, 286,	3420352.....51	3841258.....15, 379, 381
3020039.....15	293, 300, 319, 333,	3420372.....51	3841340....579, 581, 583,
3160351.....21, 33	337, 341, 387, 393,	3421565.....91	585, 587, 589, 591, 593
3250872.....49	397, 399, 579, 581,	3422532.....181, 193, 208,	3900054.....415
3251102.....345, 357	583, 585, 587, 589,	220, 237, 261, 279, 293	3900267.....350, 354
3251242.....535, 537, 539,	591, 593	3422793.....385	3900295.....19
541, 543, 545, 547,	3291201.....95, 286, 300,	3422848.....19	3900300.....350, 354
549, 551	337, 341, 345, 349,	3422860.....387	3900332.....57
3251243.....333, 337, 341,	353, 357, 362, 366,	3422861.....387	3900349.....429
349, 353, 367, 371,	369, 373, 399	3422867.....387	3910408.....214, 226, 269
375, 649, 651, 657,	3291205....269, 331, 379,	3423304.....17, 19	3910606....349, 353, 366,
659, 665, 667, 677, 679	381, 383, 385, 399	3430616.....429	369, 373, 553, 555
3252347.....649, 651	3291602.....81	3430820.....331	3910610.....331, 529
3252764.....361, 366, 369,	3291605.....379, 381	3450404.....331	3910804....131, 133, 135,
373	3292001.....95	3460334.....459	137
3271601.....152, 156, 160	3300106.....21, 23	3470003.....429	3911010....139, 143, 145,
3271605.....441, 443, 445,	3300151....409, 411, 413,	3520028.....333, 338, 342	439
447	417, 419, 421, 423,	3520054.....188, 200, 216,	3931408.....453
3271805.....415	425, 465, 467, 469	228, 244, 269, 429	3931512....214, 226, 244,
3272001.....441, 443, 445,	3300220 75, 77, 188, 200,	3520071.....459	269
447	215, 227	3520072.....403, 405, 407,	3931618....185, 197, 211,
3290401.....57	3300353.....429	409, 411, 413, 415,	223, 241, 265, 283, 297
3290405.....397, 473, 531,	3300396....350, 354, 362,	417, 419, 421, 423, 425	3931628.....337, 353, 369
533, 535, 537, 539,	367, 370, 374	3520189.....362	3960389.....175
541, 543, 545, 547,	3300408.....139	3520192.....362	3960407.....188, 200
549, 551, 571	3300430.....453, 463	3520198.....403, 405, 407,	3960422....349, 353, 366,
3290505.....141, 349, 353,	3310401....214, 226, 269	409, 411, 413, 417,	369, 373, 529, 553, 555
362, 366, 369, 373	3310601.....331	419, 421, 423, 425	3960526.....21, 23
3290601.....147, 149, 163,	3311001....255, 257, 333,	3573400.....465, 467, 469	4010405.....571
165, 167, 169, 171,	337, 341, 350, 354,	3573642.....465, 467, 469	4010618....409, 411, 413,
173, 500, 508, 516, 524	362, 367, 370, 374	3574091.....451	419, 423
3290605 75, 77, 109, 111,	3311005....143, 145, 465,	3575359.....449	4031505.....455
113, 115, 117, 143,	467, 469	3577121.....465, 467, 469	4031516.....457
145, 160, 173, 181,	3311401.....449, 451	3580158.....333	4031914....214, 226, 244,
188, 193, 200, 208,	3311405....427, 457, 531,	3580276.....333	269
214, 220, 226, 237,	533, 535, 537, 539,	3580317.....345, 349, 353,	4032014....337, 353, 369
244, 261, 269, 279,	541, 543, 545, 547,	357, 362, 366, 369, 373	4032015....345, 349, 362,
293, 317, 319, 321,	549, 551, 559, 649,	3580318.....349, 353, 366,	366
333, 337, 341, 345,	651, 653, 655, 657,	369, 373	4060802....334, 337, 341,
349, 353, 357, 362,	659, 661, 663, 665,	3580319.....345, 357, 362	345, 349, 353, 357,
366, 369, 373, 397,	667, 669, 671, 673,	3580320.....337, 345, 349,	362, 366, 369, 373
557, 571	675, 677, 679	353, 362, 366, 369	4060805....188, 201, 214,
3290606.....409, 411, 413,	3311501....105, 109, 111,	3641569.....449	226, 244, 269, 288, 302
419, 423	113, 152, 156, 160,	3740067. 75, 77, 188, 200	4070450.....51
3290607.....286, 300	449, 451	3740080.....334, 337, 341,	4070560.....51
3290801.....286, 300	3311505.....152, 156	611, 691	4070561.....51
3290805.....49, 181, 188,	3311601.....57, 152, 156,	3740086.....639, 691	4070897.....383, 385
193, 200, 208, 214,	160, 429, 457	3740140.....188, 200, 690	4070898.....383, 385
220, 226, 237, 244,	3311605.....49, 216, 228,	3760133.....383, 385	4071009.....81
261, 269, 279, 286,	255, 257, 415, 427,	3760170.....51, 91	4160182.....152, 156
293, 300, 317, 319,	465, 467, 469	3790012.....111, 113, 279,	4240018....500, 508, 516,
321, 327, 329, 333,	3311705.....333, 337, 341	293, 429	524, 553, 555
337, 341, 345, 349,	3311801.....21, 23	3790152.....185, 197, 211,	4240032.....141
353, 362, 366, 369,	3312002....441, 443, 445,	223, 241, 265, 283, 297	4240033.....453, 455, 457
373, 559, 579, 581,	447	3820001.....49, 649, 651,	4240099....109, 111, 113,
583, 587, 589, 591, 593	3312005.....51, 459	653, 655, 657, 659,	143, 145, 181, 188,
3290806.....399	3312205.....459	661, 663, 665, 667,	193, 200, 208, 214,
3291001.....109, 111, 214,	3321001 75, 77, 188, 200,	669, 671, 673, 675,	220, 226, 244, 253,
226, 244, 269, 286,	215, 227	677, 679	261, 269, 279, 286,
300, 399	3331211....327, 329, 333,	3820020.....403, 405, 407,	293, 300, 334, 337,
3291005...89, 97, 99, 101,	337, 345, 349, 353,	417, 421	341, 345, 349, 353,
103, 109, 111, 113,	357, 362, 366, 373		357, 362, 366, 369,
152, 156, 160, 163,			

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

373, 429, 449, 451, 465, 467	4460425 350, 354, 362, 367, 371, 374, 449, 451, 553, 555	4460876615	4461246547, 631
4240149459	4460426 350, 354, 362, 367, 371, 374	4460878633	4461249631
4280296 53, 55	4460428429	4460879 473, 619	452021641
4360057449, 451, 691	4460434619	4460884473, 601, 617, 633	452024043
4360070350, 354, 362, 367, 370, 374, 690	4460458 597, 602, 633, 634	4460887473, 619, 633	452025945
4360274137	4460464 141, 395, 397, 437, 473, 561, 567, 569, 607, 611, 617, 619, 633, 634, 639	4460891147, 149, 561, 598, 607, 633, 637	4530028 465, 467, 475
4360328111, 113, 691	4460465147, 149, 395, 397, 473, 561, 563, 565, 567, 569, 595, 597, 598, 601, 605, 613, 617, 619, 633, 634, 637	4460894595, 598, 601, 605, 619, 633, 637	464026149
4360336334, 337, 341, 345, 349, 353, 357, 362, 366, 369, 373, 691	4460466 109, 111, 280, 294, 455, 461, 473, 561, 563, 565, 567, 595, 597, 598, 601, 605, 611, 617, 619, 633, 634, 637, 639, 641	4460897141, 143, 145, 607	4640452491
4360387135, 137, 429, 449, 451, 691	4460467697	4460899569, 617, 634, 639, 641	4640509485
4360407 429, 691	4460470 109, 111, 113, 429	4460905615, 619, 633, 637	4640751 214, 226, 244, 269
4360469131, 133, 135, 137, 691	4460471 109, 111, 113, 429	4460906611	4640858479
4360476119, 121, 123	4460473563, 565	4460910645	4641122 41, 43, 45, 47
4360517 95, 691	4460496 109, 111, 113	4460911641	4641390483
4360542333, 338, 342, 690	4460497 109, 111, 113	4460928561	4710400 214, 226, 269
440027557	4460508 455, 619, 634	4460930111, 280, 294, 567, 595, 598, 601, 633	4711000 109, 111, 113, 143, 145, 255, 257, 350, 354, 362, 367, 371, 375
4420014459	4460509563, 565	4460931109, 111, 461, 633	4711400 163, 165, 167, 169, 171, 173, 409, 411, 413, 417, 419, 421, 423, 425, 453, 457, 461, 531, 533, 535, 537, 539, 541, 543, 545, 547, 549, 551
4420037465, 467, 469	4460510697	4460932 473, 607	4711500 75, 77, 152, 156, 181, 193, 209, 214, 220, 226, 237, 244, 261, 269, 279, 293
4420051 49, 681	4460518561	4460933561, 619, 634	4711600 152, 156, 160, 255, 257, 345, 349, 353, 357, 362, 366, 369, 429, 441, 443, 445, 447
4420066459	4460536 115, 117, 395, 397, 463, 567, 569, 619	4460941 607, 641	4711700 113, 334, 337, 341
4420068 449, 451	4460539 395, 397, 567, 569, 601, 619, 637	4460942455, 598, 601, 607	4711800415
4460019601	4460612553, 555	4460943115, 117, 143, 145, 461, 463, 641	4712000 441, 443, 445, 447, 459
4460027333, 338, 342	4460622543, 545, 547, 551	4460944597, 598, 601	4712200459
4460042262, 598, 601, 605, 633	4460693605	4460956 573, 575	474008617, 19
4460043253, 597, 601	4460702634	4460957 573, 575	474015519
4460049 449, 451	4460703 597, 601, 634	4460958555	474015815
4460071349, 353, 366, 369, 373, 437, 529	4460705 333, 338, 342	4460961333, 338, 342	4740362427
4460134334, 338, 342	4460708619	4460962467	4740397111
4460138334, 338, 342	4460722253	4460967633	4740439387
4460183 619, 633	4460742634	4460968 531, 535	474049119
4460190333, 338, 342	4460743634	4460970619	4750600331
4460205529	4460746597, 601	4460977609	4751000 97, 99, 101, 103, 334, 337, 341, 465, 467, 469
4460225362, 366, 369, 373, 613, 619	4460748 597, 602, 633	4461005595	4751400 105, 107, 427, 429, 449, 451, 463, 465, 467, 469, 471, 559, 649, 651, 653, 655, 657, 659, 661, 663, 665, 667, 669, 671, 673, 675, 677, 679
4460226431, 434, 437, 634	4460761619	4461008595, 597, 601	4751500 334, 337, 341, 449, 451
4460227619	4460806 539, 541, 543, 545	4461052595	4751600 216, 228, 427, 465, 467, 469
4460234141, 429, 449, 451	4460807613	4461054 598, 601	4751800415, 449, 451
4460247 597, 601	4460808613	4461070 561, 597	475200051
4460259473, 615, 619, 634	4460865563, 565	4461071595, 597, 601	4760600529
4460260473, 615, 619, 634	4460866619, 634	4461072595, 597, 601	
4460265 431, 434	4460871147, 149, 615, 619, 633, 637	4461073595, 597, 601	
4460267619	4460872637	4461074595, 597, 601	
4460268333, 338, 342, 613	4460873619, 633	4461077 639, 641	
4460313595, 634, 637	4460874619, 633	4461095561, 595, 597	
4460315529	4460875619, 637	4461109605	
4460321333, 338, 342		4461111605	
4460346349, 353, 366, 369, 373, 529		4461113605	
4460384551		4461121605	
4460418 615, 619		4461122605	
4460419 615, 619		4461123605	
4460424634		4461124605	
		4461196623	
		4461198 531, 623	
		4461199625	
		4461201 535, 625	
		4461205 627, 629	
		4461244 543, 627	
		4461245 545, 629	

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

4761000 75, 77, 188, 200, 215, 227	349, 362, 366, 383, 385, 399	5261200.....181, 193, 208, 220, 237, 246, 279, 293	7000232.....25, 29
4761400.....471	4812102.....49	70000342.....389, 391	70002326.....305
4770600.....331	4812200188, 200, 214, 226, 244, 270, 280, 294, 327, 329, 334, 337, 342, 345, 349, 353, 357, 362, 366, 374	70000345.....204, 249	700023371.....487
4811400.....397, 473, 531, 533, 535, 537, 539, 541, 543, 545, 547, 549, 551	4844816.....387	700004508.....231	70002373.....481, 487
4811600.....141, 325, 349, 353, 362, 366, 369, 373	4844817.....387	70000619...361, 365, 369, 373	70002386 66, 70, 73, 483, 690
4811700 75, 77, 109, 111, 115, 117, 143, 145, 147, 149, 163, 165, 167, 169, 171, 173, 181, 188, 193, 200, 208, 214, 220, 226, 237, 244, 261, 269, 279, 286, 293, 300, 334, 337, 341, 345, 349, 353, 357, 362, 366, 369, 373, 409, 411, 413, 419, 423, 500, 508, 516, 524, 557, 571, 587, 589, 591, 593	4846627465, 467, 469	70000781.....37, 39	70002390.....37
	4846673.....451	70000787.....204	70002412.....491
	4860214.....47	70000793.....275	7000246.....25, 29
	4871700 75, 77, 345, 349, 353, 357, 362, 366, 369	70000797.....33	70002460 ..361, 365, 370, 374
	4891600 49, 57, 185, 197, 211, 223, 241, 265, 283, 297, 399	70000800.....203	7000248.....25, 29
	4891800 21, 23, 185, 197, 211, 223, 241, 265, 283, 297	70000851.....204	7000253.....25, 29
	4892000.....21, 23, 87	70000863...361, 365, 370, 374	7000257.....25, 29
	4892600001.....399	70000912.....203	7000258.....25, 29
	4922641334, 338, 342, 346, 350, 354, 358, 362, 366, 370, 374	70000913.....203	7000261.....25, 29
	4922802.....585	70000914.....203	7000262.....25, 29
	4922803.....593	70000915.....203	7000263.....25, 29
	4922925362, 366, 369, 373	70000916.....203	70002718.....203, 231
	4923451.....189, 200	70000917.....203	70002838.....105, 107
	4933218.....451	70000918.....203	70002842.....479
	5240800181, 193, 209, 220, 237, 261, 279, 286, 293, 300	70000919.....204	70002902.....437
	5241200 ..15, 17, 19, 188, 200, 214, 226, 244, 261, 270, 286, 300, 327, 329, 334, 337, 341, 345, 349, 353, 357, 362, 366, 369, 374, 399	70000931.....204	70002903.....437
	5241400.....286, 300	70001002.....203	70002904.....437
	5241600.....19, 81	70001100...361, 365, 370, 374	70002905.....437
	5242000.....81	70001181.....203	70002962.....39
	5250605.....286, 300	70001349.....25, 29	70002974.....65, 69
	5250808345, 350, 354, 362, 366, 370	70001384...361, 365, 370, 374	70003023.....65, 69
	5250810216, 228, 345, 350, 354, 357, 362, 366, 370	70001423.....203	70003024.....65, 69
	5251008383, 385, 395, 397, 399	70001435.....204	70003408.....65, 69
	5251009.....383, 385	70001498.....204	70003463.....203, 690
	5251011.....383, 385	70001654.....203	70003464.....203
	5251012 21, 23, 125, 127, 129, 160	70001655.....203	70003468.....204
	525101453, 55, 61, 63, 152, 156	70001696.....361, 365	70003469.....204
	5251016.....15, 399	70001697.....389, 391	70003472.....203
	5251215181, 193, 208, 220, 237, 246, 279, 293	70001844.....204	70003473.....203
	5260800345, 350, 354, 357, 362, 366, 370	70001850.....203	70003475.....203
	5261000.....125, 127, 129	70001866.....204	70003479.....203
	5261018.....163, 167, 581	70001868.....204	70003480.....203
		70001870....203, 232, 250	70003481.....203
		70001871.....204	70003612.....79
		70001872.....204	70003631 ..361, 365, 370, 374
		70001953.....361, 365	70003708 ..345, 350, 354, 357, 361, 365, 370, 374
		70001966...345, 350, 354, 357, 361, 365, 370, 374	70003709 ..345, 350, 354, 357, 361, 365, 370, 374
		70001973...361, 365, 370, 374	70003783 ..189, 201, 215, 227, 245, 270, 690
		70001974...361, 365, 370, 374	7000378866, 70, 483, 690
		70002057.....84	70003931.....204
		7000206.....25, 29	70003932.....204
		70002063.....73	70003977.....65, 69
		70002088.....361, 365	70004000.....79
		70002112.....105, 107	70004013.....79
		70002209.....39	70004014.....79
		70002234.....204	70004017.....39
		70002257.....312	70004020 ...288, 302, 691
		7000229.....25, 29	70004056.....204
		70002291.....370, 374	70004058.....204, 690
		70002297...361, 365, 370, 374	70004059.....204
		7000230.....25, 29	70004060.....204
		70002316.....305	70004062.....204
		70002318.....305	70004092 ..345, 350, 354, 357, 370, 374
			70004094.....370, 374

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

70004098 ..350, 354, 370, 374	70004764433	7000509265, 69	70006020305
70004099 ..354, 357, 370, 374	70004765433	7000509369	70006021305
70004102204	70004766433	7000510865, 69	70006022305
70004103204	70004767433	7000510965, 70	70006023305, 691
70004169361, 365	70004768433	7000513979	70006024305
70004171 ..346, 350, 361, 365	70004769433	70005140487	70006025305
70004185697	70004770433	70005141487	70006026305
70004231483	70004771433	70005142481, 487	70006027305
7000426779	70004772433	70005143481, 487	70006028305
70004268203	70004773433	70005144481, 487	70006029305
70004269203	70004774434	70005145481, 487	70006030305
70004270204	70004775434	70005146487	70006031305
70004281231, 249	7000479497, 99, 101, 103	70005147481	70006032305
70004282231	70004829305	70005148481	70006033305
7000446984	7000488373	70005149481	70006034305
7000448184	7000488439, 73	70005150489	70006035305
7000448284	7000488537, 39	70005151489	70006036305
7000449484	7000488639	70005152489	70006037305
70004504249	70004889311	70005153489	70006038305
70004508250	70004890311	70005154489	70006039305
7000457737, 39	70004891311	70005171231	70006040305
70004676 ..346, 350, 354, 357	70004892311	70005172232, 250	70006041305
70004677346	70004893311	70005173231	70006042305
70004678 ..346, 350, 354, 358	70004894311	70005177231	70006043305
70004679 ..346, 350, 354, 358	70004895311	70005182231	70006044305
70004680 ..346, 350, 354, 358	70004896311	70005183231	70006045306
70004681346, 358	70004897311, 690	70005184231, 249	70006046306
70004682 ..346, 350, 354, 358	70004898311	7000521765, 69	70006047306
70004683346, 358	70004899312	7000521865, 69	70006048306
70004684350	70004900312	7000521966, 70, 690	70006049306
70004685350, 354	70004901312	7000531784	70006050306
70004686358	70004902312	7000531884	70006051306
70004687354	70004903312	70005504249	70006052306
70004738431	70004904312	7000571095	70006053306
70004739431	70004905312	7000571195	70006054306
70004740431	70004906312	7000571295	70006055306
70004741431	70004907312	7000571395	70006056306
70004742431	70004908312	7000571495	70006057306
70004743431	70004909312	7000571595	70006058306
70004744431	70004910312	7000571695	70006059306
70004745431	70004911312	7000572466, 70	70006060306
70004746431	7000506579	70005726305	70006061306, 691
70004747431	7000506679	70005727305	70006062306
70004748431	7000506779	70005737305	70006063306
70004749431	7000506879	70005745305	70006064306
70004750431	7000506965, 69	70005746305	70006065306
70004751431	7000507165, 69	70005747305	70006066306
70004752433	7000507265, 69	70005751305	70006067306
70004753433	7000507365, 69	7000582737	70006068306
70004754433	7000507465, 69	7000583037	70006069306
70004755433	7000507565, 69	7000583137	70006070306
70004756433	7000507665, 69	7000583237	70006071306
70004757433	7000507765, 69	7000583337	70006072306
70004758433	7000507865, 69	7000583437	70006074306
70004759433	7000507965, 69	70005931231, 249	70006075306
70004760433	7000508065, 69	70005941232, 250	70006076306
70004761433	7000508165, 69	70005942231, 250	70006077306
70004762433	7000508265, 69	70006010309	70006078306
70004763433	7000508465, 69	70006011309	70006079306
	7000508565, 69	70006012309	70006080306
	7000508665, 69	70006013305	70006093370, 374
	7000508765, 69	70006014305	70006094370, 374
	7000508865, 69	70006015305	70006095 ... 370, 374, 690
	7000508965, 69	70006016305	70006096370, 374
	7000509065, 69	70006017305	70006097370, 374
	7000509165, 70	70006018305	70006104483
		70006019305	70006105483

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

70006144.....	231, 249	70007850.....	35	70025139.....	203	7017080.....	25, 29
70006255.....	393	70007851.....	35	70025142.....	249	7017142.....	389, 391
70006270.....	393	70007852.....	35	70025153.....	249, 690	7017150.....	391
70006344.....	491	70007853.....	35	70025160.....	249	7017159.....	389, 391
70006356.....	185, 197, 211, 223, 241, 265, 283, 297	70007854.....	35	70025161.....	249, 690	7017162.....	389, 391
70006379.....	306	70007855.....	35	70025164.....	231, 249	7017163.....	389, 391
70006552.....	350	70007856.....	35	70025168.....	249	7017164.....	389, 391
70006553.....	350, 691	70007857.....	35	70025200.....	231	7017172.....	389, 391
70006580.....	389	70007858.....	35	70025210.....	231	7017192.....	389, 391
70006636.....	483	70007859.....	35	70025231.....	231	7017195.....	389, 391
70006639.....	306	70007860.....	35	70025239.....	231	7017410.....	73
70006640.....	306	70007861.....	35	70025667.....	203	7017467.....	483
70006649.....	485	70007862.....	35	70025693.....	204	7017496.....	37, 39, 483
70006650.....	485	70007863.....	35	70025694.....	204	7017904.....	305
70006652.....	231	70007864.....	35	70026210.....	231, 249	7017932.....	305, 691
70006702.....	483	70007865.....	35	70026444.....	37	7017959.....	306
70006703.....	483	70007866.....	35	70027405.....	249	7017992.....	306, 691
70006704.....	483	70007867.....	35	7002821.....	697	7019680.....	333, 338, 342
70006705.....	483	70007868.....	35	7002822.....	697	7020023.....	203, 690
70006706.....	483	70007869.....	35	7002823.....	697	7020026.....	203
70006734.....	485	70007870.....	35	7002828.....	697	7020033.....	31
70006735.....	485	70007871.....	35	70028540.....	231	7020035.....	31
70006736.....	485	70007872.....	35	70029015.....	249	7020036.....	31
70006817.....	491	70007873.....	35	70029402.....	249	7020037.....	31
70006990.....	84	70007874.....	35	70029403.....	249	7020038.....	31
70006994.....	84	70007875.....	35	70029404.....	249	7020039.....	31
70006997.....	84	70007876.....	35	70029451.....	231	7020040.....	31
70006998.....	84	70007877.....	35	70029512.....	249, 690	7020041.....	31
70006999.....	84	70007878.....	35	70029797.....	249	7020108.....	333, 338, 341
70007001.....	84	70009002 ..	181, 194, 208, 221	70030360.....	231	7020109.....	333, 338, 341
70007002.....	84	70009004.....	181, 193	70030381.....	231	7020110.....	333, 338, 341
70007003.....	84	70009005.....	181, 193	70031095.....	232	7020111.....	333, 338, 342
70007004.....	84	70009006.....	208, 221	70031136.....	231	7020190.....	333, 338, 342
70007006.....	84	70009007.....	208, 221	70031143.....	249	7020403.....	203
70007022.....	84	70010383.....	61, 63, 690	70031144.....	249	7020430.....	203
70007023.....	84	7001481.....	312	70031145.....	231	7020460.....	203
70007024.....	84	7001998.....	25, 29	7004275.....	697	7020465.....	203, 232, 250
70007025.....	84	70022564 ..	481, 483, 487	7004276.....	697	7020468.....	203
70007026.....	84	70023369 ..	481, 483, 487	70050795.....	483	7020471.....	204
70007027.....	84	70023370.....	481	7007289.....	312	7020479.....	204
70007028.....	84	70023592 ..	215, 227, 690	7007415.....	311, 312	7020492.....	203, 204
70007029.....	84	70023593 ..	215, 227, 690	7007419.....	311	7021237.....	311
70007030.....	84	70024494.....	232, 250	7007420.....	311, 312	7021238.....	311
70007031.....	84	70024504.....	231, 249	7007437.....	33	7021239.....	311
70007032.....	84	70024507.....	231	7007438.....	33	7021240.....	311
70007046.....	84	70024513.....	231, 249	7007439.....	33	7021241.....	311
70007062.....	491	70024904.....	232, 250	7007446.....	33	7021242.....	311
70007063.....	491	70024905.....	231	7007493.....	312	7021243.....	311
70007064.....	491	70024906.....	231	7007495.....	311	7021248.....	311
70007065.....	491	70024913.....	250	7007601.....	25, 29	7021249.....	33, 311
70007066.....	491	70024915.....	231	7007640.....	25, 29	7021253.....	311
70007067.....	491	70024916.....	249	7010429.....	25, 29	7021257.....	311
70007068.....	491	70024918.....	249	7010543.....	73	7021258.....	311
70007069.....	491	70024925.....	231, 250	7012513.....	333, 337, 341	7021259.....	311
70007070.....	491	70024961.....	231, 249	7012514.....	333, 338, 341	7021262.....	311
70007071.....	491	70025082.....	203	7012518.....	491	7021263.....	311
70007072.....	491	70025084.....	203, 204	7012558.....	333	7021265.....	311
7000731.....	26	70025086.....	204	7012941.....	73	7021268.....	311
70007325.....	231	70025091.....	203	7012967.....	73	7021275.....	33
70007326.....	232	70025099.....	249	7012998.....	483	7021276.....	33, 312
70007354.....	231	70025121.....	204	7016322.....	331	7021277.....	33, 312
70007603.....	231, 249	70025123.....	203, 204	7016331.....	203, 232, 250, 690	7021278.....	312
70007784.....	249	70025130.....	249	7016654.....	697	7021281.....	311
70007847.....	35	70025131.....	204	7017059.....	25, 29	7021290.....	312
70007848.....	35	70025135.....	231	7017067.....	25, 29	7021293.....	311
70007849.....	35			7017070.....	25, 29	7021299.....	312
						7021625.....	39

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

7021639	39	7024473	475	7027776	475	8405007	215, 227, 245, 270
7022300	311	7024474	475	7027777	475	8405009	181, 193, 215, 227, 245, 270, 287, 301
7022302	33	7024475	475	7027778	475	8405102	287, 301
7022305	33	7024478	475	7027779	475	8405104	215, 227, 245, 270, 287, 301
7022311	33	7024485	361, 365, 690	7027780	475	8405202	215, 227, 245, 270, 287, 301
7022312	33	7024488	361, 365, 369, 373	7027790	204	8405203	287, 301
7022314	33	7024489	361, 365, 369, 373	7027791	204	8405204	215, 227, 245, 270
7022326	33	7024565	204	7027792	204	8406101	208, 220, 237, 261
7022328	33	7024579	203, 232	7027796	204	8406109	189, 201, 215, 227, 245, 270, 287, 301
7022341	311	7024598	331	7027799	361, 365, 370, 374	8406110	216, 228, 245, 270, 287, 301, 397, 579, 583, 587, 591
7022346	312	7024705	25	7027887	333, 338, 342	8406201	216, 228, 246, 270, 287, 301
7022347	312	7024712	25, 29	7027903	204	8410001	287, 301
7022368	33	7024713	25, 29	77363233	613	8410009	287, 301
7022371	33	7024714	25, 29	80484084	597, 601	8410011	288
7022390	65, 69, 483	7024715	25, 29	80963067	633	8410013	208, 220, 261
7022397	37, 39	7024716	25, 29	80983191	597, 690	8430007	237
7022399	37, 39, 65, 69	7024717	25	82033995	288, 302	84521061	341
7023154	305	7024718	26	8220045	611, 634	84521062	373
7023900	65, 69	7024800	311	8220051	607	88411013	559
7023907	33	7024810	37	8220097	633	88521205	75, 77
7023908	33	7024853	33	8220098	633	88521214 ..	441, 443, 445, 447
7023910	33	7024854	33	8220115	597	88662037 ..	500, 508, 516, 524
7023936	65, 69	7024855	311	8220164	597, 601	90200755 ...	152, 156, 160
7024182	25, 26	7024857	311	8229242	597, 633, 690, 691	91164057	39, 66, 70
7024189	26	7024858	311	8229244	633, 691	91164059	66, 70
7024190	26	7024868	33	8229245	611, 691	91164079	39, 66, 70
7024191	26	7024881	37, 39	8229249	473, 691	91203039	399
7024192	26	7026188	361, 365	8305401	188, 200, 214, 226, 244, 270, 286, 300	91401281	77
7024193	26	7026199	333, 337, 341	8307109	188, 200, 214, 226, 245, 270, 286, 300		
7024194	26	7026330	79	8310129	459		
7024196	26	7026597	361, 365, 370	8310548	188, 200, 215, 226, 245, 270, 286, 300		
7024197	26	7026626	361, 365, 370, 374	8405006	208, 220, 237, 255, 257, 261, 270, 323, 325		
7024441	105, 107	7027236	203				
7024462	475	7027419	33				
7024463	475	7027773	475				
7024467	475	7027774	475				
7024469	475	7027775	475				
7024470	475						
7024471	475						
7024472	475						



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™