



Illustrated Parts Manual

Models
600S
660SJ

SN 0300235168* to Present

SN B300002655* to Present

* See Revision Log Page for exceptions

P/N
3121729

October 12, 2018 - Rev G

ANSI

CE



AS/NZS

JLG
An Oshkosh Corporation Company

An Oshkosh Corporation Company

REVISION LOG

NOTES:

NOTE: The 600S & 660SJ Boom Lifts are manufactured by JLG Industries in the following countries: USA and China. Refer to the Serial Number Tag to identify the country of manufacture. The country of manufacture may be determined by the Serial Number. Machines manufactured in the USA will have a serial number prefix of 03 (i.e. 03XXXXXXXX). Machines manufactured in the China will have a serial number prefix of B3 (i.e. B3XXXXXXXX).

NOTE :

List of SN exceptions:

Use Parts Manual 3121729 for these SNs also:

0300224266, 0300224267, 0300224755-0300224758, 0300233720-0300233722, B300002216, B300002217, B300002339, B300002382,

PARTS MANUAL REVISION LOG:

July 15, 2017 - A - Original Issue of Manual (Manual edited to 1001188600 Revision O)

August 31, 2017 - B - Revised Manual (Manual edited to 1001188600 Revision O)

October 31, 2017 - C - Revised Manual (Manual Edited to 1001188600 Revision T) (Revision 2)

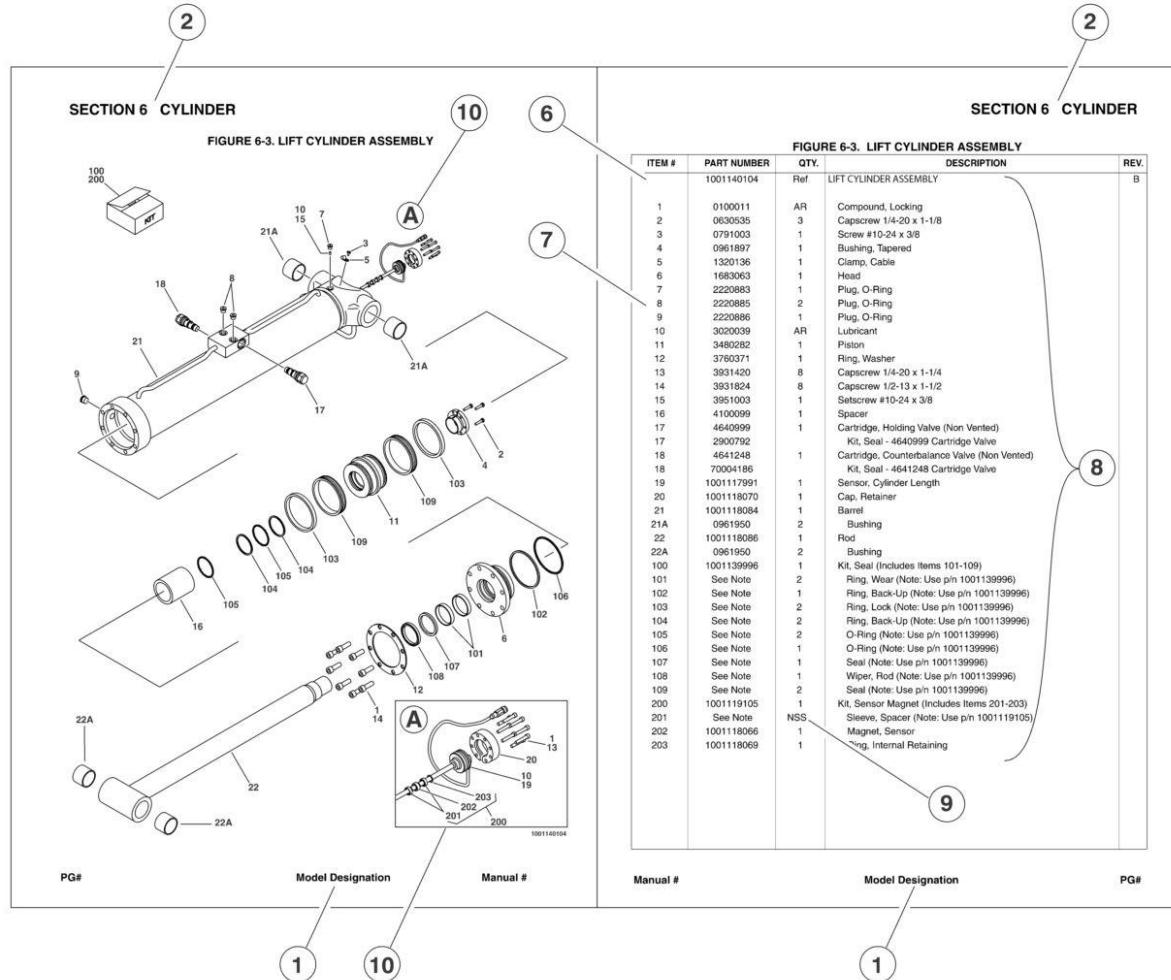
January 20, 2018 - D - Revised Manual (Manual Edited to 1001188600 Revision U) (Revision 2)

April 24, 2018 - E - Revised Manual (Manual Edited to 1001188600 Revision X) (Revision 2)

July 31, 2018 - F - Revised Manual (Manual Edited to 1001188600 Revision X) (Revision 2)

October 12, 2018 - G - Revised Manual (Manual Edited to 1001188600 Revision X)

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

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

The Recommended Spare Parts, located near the end of the manual, refer to most frequently used maintenance parts.

5) PART NUMBER INDEX

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) INDED PARTS DESCRIPTION

An indented part description is included in the item under which it is indented.

9) ABB REVIACTION AND SYMBOLS

AC Alternating Current
ADE Advanced Design Electronics
ANSI American National Standards Institute
AR.. As Required
ASSY Assembly
AUX... Auxiliary
AWG.... American WireGauge
B/M..... Bill of Material
CE..... European Conformity
CCW Counter Clockwise
cm..... Centimeter
CW Clockwise
CSA Canadian Standards Association
CYL... Cylinder
DIA..... Diameter
DC Direct Current
EMS Emergency Stop
ENG Engine
FT(ft)... Feet
GA(Ga)... Gauge
HYD Hydraulic
Hz..... Hertz
ID..... Inside Diameter
in.... inches
ISO International Organization for Standards
JIC..... Joint Industry Council
KG Kilogram
L.... Liter
LB Pounds

LCD Liquid Crystal Display
LED Light Emitting Diodes
LH... Left Hand
LSS Load Sensing System
M(m)..... Metric/Meter
MM (mm)..... Millimeter
mA..... Millamps
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
P/N..... Part Number
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 - FRONT	14
FIGURE 1-2. AXLE INSTALLATION - REAR (4WS ONLY)	16
FIGURE 1-3. STEER INSTALLATION - WITHOUT TOW PACKAGE	18
FIGURE 1-4. STEER INSTALLATION - WITH TOW PACKAGE	20
FIGURE 1-5. WHEEL DRIVE INSTALLATION - 4WD/2WS	22
FIGURE 1-6. WHEEL DRIVE INSTALLATION - 4WD/4WS	24
FIGURE 1-7. DRIVE HUB ASSEMBLY	26
FIGURE 1-8. DRIVE MOTOR ASSEMBLY	30
FIGURE 1-9. TRACTION VALVE ASSEMBLY	32
FIGURE 1-10. TIRE & WHEEL INSTALLATION - IN355-55 D625 PNEUMATIC (AVAILABLE ON ALL SPECS EXCEPT AUSTRALIAN, CE & CHINA SPECS)	34
FIGURE 1-11. TIRE & WHEEL INSTALLATION - IN355-55 D625 PNEUMATIC NON-MARKING (AVAILABLE ON ALL SPECS EXCEPT AUSTRALIAN, CE & CHINA SPECS)	36
FIGURE 1-12. TIRE & WHEEL INSTALLATION - IN355-55 D625 PNEUMATIC WITH TIRE SEALANT (AVAILABLE ON ALL SPECS EXCEPT AUSTRALIAN, CE & CHINA SPECS)	38
FIGURE 1-13. TIRE & WHEEL INSTALLATION - IN355-55 D625 FOAM FILLED (AVAILABLE ON ALL SPECS)	40
FIGURE 1-14. TIRE & WHEEL INSTALLATION - IN355-55 D625 FOAM FILLED NON-MARKING (AVAILABLE ON ALL SPECS)	42
FIGURE 1-15. TIRE & WHEEL INSTALLATION - 41-18LL X 22.5 PNEUMATIC TURF & SAND (AVAILABLE ON ALL SPECS EXCEPT AUSTRALIAN, CE & CHINA SPECS)	44
FIGURE 1-16. TIRE & WHEEL INSTALLATION - 41-18LL X 22.5 FOAM FILLED TURF & SAND (AVAILABLE ON ALL SPECS EXCEPT AUSTRALIAN & CE SPECS)	46
FIGURE 1-17. FRAME COVERS INSTALLATION - 2WS	48
FIGURE 1-18. FRAME COVERS INSTALLATION - 4WS	50
FIGURE 1-19. TOW BAR INSTALLATION (OPTIONAL)	52
 SECTION 2 - TURNTABLE	 55
FIGURE 2-1. VALVE INSTALLATION - 600S WITH 2WS	56
FIGURE 2-2. VALVE INSTALLATION - 600S WITH 4WS	58
FIGURE 2-3. VALVE INSTALLATION - 660SJ WITH 2WS	60
FIGURE 2-4. VALVE INSTALLATION - 660SJ WITH 4WS	62
FIGURE 2-5. MAIN VALVE ASSEMBLY - 2WS	64
FIGURE 2-6. MAIN VALVE ASSEMBLY - 4WS	68
FIGURE 2-7. AXLE VALVE ASSEMBLY	72
FIGURE 2-8. SWING DRIVE INSTALLATION	74
FIGURE 2-9. SWING MOTOR/HUB ASSEMBLY	76
FIGURE 2-10. TURNTABLE BEARING AND LUBE INSTALLATION	80
FIGURE 2-11. TURNTABLE LOCK INSTALLATION	82
FIGURE 2-12. ROTARY COUPLING INSTALLATION - 2WS	84
FIGURE 2-13. ROTARY COUPLING ASSEMBLY - 2WS	86
FIGURE 2-14. ROTARY COUPLING INSTALLATION - 4WS	88
FIGURE 2-15. TANKS INSTALLATION - DIESEL MACHINES (POLY FUEL TANK)	90
FIGURE 2-16. TANKS INSTALLATION - DIESEL MACHINES (STEEL FUEL TANK)	92
FIGURE 2-17. TANKS INSTALLATION - GAS MACHINES	94
FIGURE 2-18. HYDRAULIC TANK ASSEMBLY	96
FIGURE 2-19. BATTERY AND AUXILIARY PUMP INSTALLATION	98
FIGURE 2-20. ELECTRICAL COMPONENTS INSTALLATION - 600S WITH 2WS	100
FIGURE 2-21. ELECTRICAL COMPONENTS INSTALLATION - 600S WITH 4WS	102
FIGURE 2-22. ELECTRICAL COMPONENTS INSTALLATION - 660SJ WITH 2WS	104
FIGURE 2-23. ELECTRICAL COMPONENTS INSTALLATION - 660SJ WITH 4WS	106
FIGURE 2-24. GROUND CONTROL PANEL ASSEMBLY - 600S	108
FIGURE 2-25. GROUND CONTROL PANEL ASSEMBLY - 660SJ	110
FIGURE 2-26. KEYSWITCH INSTALLATION - 600S (ALL SPECS EXCEPT AUSTRALIAN AND CE SPECS)	112
FIGURE 2-27. KEYSWITCH INSTALLATION - 600S (CE SPECS)	114
FIGURE 2-28. KEYSWITCH INSTALLATION - 660SJ (ALL SPECS EXCEPT CE SPECS)	116
FIGURE 2-29. KEYSWITCH INSTALLATION - 660SJ (CE SPECS)	118
FIGURE 2-30. STROBE LIGHT INSTALLATION - AMBER (OPTIONAL)	120
FIGURE 2-31. STROBE LIGHT INSTALLATION - BLUE (OPTIONAL)	122
FIGURE 2-32. STROBE LIGHT INSTALLATION - RED (OPTIONAL)	124
FIGURE 2-33. HOODS INSTALLATIONS - ABS	126
FIGURE 2-34. HOOD ASSEMBLY - TANK SIDE (ABS)	130
FIGURE 2-35. HOOD ASSEMBLY - ENGINE SIDE (ABS)	132
FIGURE 2-36. HOODS INSTALLATIONS - STEEL	134

TABLE OF CONTENTS

FIGURE 2-37. HOOD ASSEMBLY - TANK SIDE (STEEL).....	138
FIGURE 2-38. HOOD ASSEMBLY - ENGINE SIDE (STEEL).....	140
FIGURE 2-39. COVERS INSTALLATION	142
SECTION 3 - ENGINE	145
FIGURE 3-1. DEUTZ D2011 ENGINE INSTALLATION - WITHOUT ARCTIC PACKAGE.....	146
FIGURE 3-2. DEUTZ D2011 ENGINE AND PUMPS SUB-ASSEMBLY - WITHOUT ARCTIC PACKAGE	150
FIGURE 3-3. DEUTZ D2011 ENGINE ASSEMBLY - WITHOUT ARCTIC PACKAGE	152
FIGURE 3-4. DEUTZ D2011 ENGINE INSTALLATION - WITH ARCTIC PACKAGE	156
FIGURE 3-5. DEUTZ D2011 ENGINE AND PUMPS SUB-ASSEMBLY - WITH ARCTIC PACKAGE.....	160
FIGURE 3-6. DEUTZ D2011 ENGINE ASSEMBLY - WITH ARCTIC PACKAGE	162
FIGURE 3-7. DEUTZ D2011 ENGINE COMPONENTS	166
FIGURE 3-8. DEUTZ TD2.9L4 ENGINE INSTALLATION - WITHOUT ARCTIC PACKAGE	170
FIGURE 3-9. DEUTZ TD2.9L4 ENGINE AND PUMPS SUB-ASSEMBLY - WITHOUT ARCTIC PACKAGE	174
FIGURE 3-10. DEUTZ TD2.9L4 ENGINE ASSEMBLY - WITHOUT ARCTIC PACKAGE.....	176
FIGURE 3-11. DEUTZ TD2.9L4 ENGINE INSTALLATION - WITH ARCTIC PACKAGE	182
FIGURE 3-12. DEUTZ TD2.9L4 ENGINE AND PUMPS SUB-ASSEMBLY - WITH ARCTIC PACKAGE	186
FIGURE 3-13. DEUTZ TD2.9L4 ENGINE ASSEMBLY - WITH ARCTIC PACKAGE	188
FIGURE 3-14. DEUTZ TD2.9L4 ENGINE COMPONENTS.....	194
FIGURE 3-15. BREATHER HEATER INSTALLATION - DEUTZ D2.9L4 ENGINE WITH ARCTIC PACKAGE	200
FIGURE 3-16. DEUTZ D2011 (STAGE V) ENGINE INSTALLATION	202
FIGURE 3-17. DEUTZ D2011 (STAGE V) ENGINE AND PUMPS SUB-ASSEMBLY	204
FIGURE 3-18. DEUTZ D2011 (STAGE V) ENGINE ASSEMBLY	206
FIGURE 3-19. DEUTZ D2011 (STAGE V) ENGINE COMPONENTS	210
FIGURE 3-20. FORD ENGINE INSTALLATION - WITHOUT ARCTIC PACKAGE	214
FIGURE 3-21. FORD ENGINE AND PUMPS SUB-ASSEMBLY - WITHOUT ARCTIC PACKAGE	218
FIGURE 3-22. FORD ENGINE ASSEMBLY - WITHOUT ARCTIC PACKAGE	220
FIGURE 3-23. FORD ENGINE INSTALLATION - WITH ARCTIC PACKAGE	226
FIGURE 3-24. FORD ENGINE AND PUMPS SUB-ASSEMBLY - WITH ARCTIC PACKAGE	230
FIGURE 3-25. FORD ENGINE ASSEMBLY - WITH ARCTIC PACKAGE	232
FIGURE 3-26. FORD ENGINE PREP ASSEMBLY - PUMP COUPLING.....	238
FIGURE 3-27. FORD ENGINE COMPONENTS	240
FIGURE 3-28. PUMP COUPLING KIT (DEUTZ ENGINES).....	244
FIGURE 3-29. PISTON PUMP ASSEMBLY	246
FIGURE 3-30. FUEL FILTER INSTALLATION (POLY FUEL TANK)	250
FIGURE 3-31. FUEL FILTER INSTALLATION (STEEL FUEL TANK) (DEUTZ D2011 ENGINES)	252
FIGURE 3-32. FUEL PUMP AND FILTER INSTALLATION (STEEL FUEL TANK) (DEUTZ TD2.9L4 ENGINES)	254
FIGURE 3-33. LP TANK AND BRACKETS INSTALLATION (FORD ENGINE)	256
FIGURE 3-34. MUFFLER INSTALLATION - SPARK ARRESTING (DEUTZ D2011 ENGINES) (OPTIONAL)	258
FIGURE 3-35. MUFFLER INSTALLATION - CATALYTIC (DEUTZ D2011 ENGINES) (OPTIONAL)	260
FIGURE 3-36. MUFFLER INSTALLATION - SPARK ARRESTING (FORD ENGINES) (OPTIONAL)	262
FIGURE 3-37. EXHAUST PIPE INSTALLATION (DEUTZ D2011 ENGINES)	264
FIGURE 3-38. ENGINE HOOD BAFFLES INSTALLATION - ABS HOODS	266
FIGURE 3-39. ENGINE HOOD BAFFLES INSTALLATION - STEEL HOODS	268
FIGURE 3-40. SOUND REDUCTION PACKAGE	270
FIGURE 3-41. TRAY JACK INSTALLATION	272
FIGURE 3-42. MOTOR MOUNT INSTALLATION - WITHOUT GENERATOR (DEUTZ D2011 ENGINES)	274
FIGURE 3-43. MOTOR MOUNT INSTALLATION - WITH GENERATOR (DEUTZ D2011 ENGINES)	276
FIGURE 3-44. MOTOR MOUNT INSTALLATION - WITHOUT GENERATOR (DEUTZ TD2.9L4 ENGINES)	278
FIGURE 3-45. MOTOR MOUNT INSTALLATION - WITH GENERATOR (DEUTZ TD2.9L4 ENGINES).....	280
FIGURE 3-46. BELT WITHOUT GENERATOR INSTALLATION (FORD ENGINES)	282
FIGURE 3-47. 2500W GENERATOR INSTALLATION - 220V/50HZ (DEUTZ D2011 ENGINES) (OPTIONAL).....	284
FIGURE 3-48. 2500W GENERATOR INSTALLATION - 110V/60HZ (DEUTZ D2011 ENGINES) (OPTIONAL).....	286
FIGURE 3-49. 2500W GENERATOR INSTALLATION - 110V/60HZ (DEUTZ TD2.9L4 ENGINES) (OPTIONAL)	288
FIGURE 3-50. 2500W GENERATOR INSTALLATION - 110V/60HZ (FORD ENGINES) (OPTIONAL)	292
FIGURE 3-51. 4000W GENERATOR INSTALLATION - 220V/50HZ (DEUTZ D2011 ENGINES) (OPTIONAL).....	294
FIGURE 3-52. 4000W GENERATOR INSTALLATION - 110V/60HZ (DEUTZ D2011 ENGINES) (OPTIONAL).....	298
FIGURE 3-53. 4000W GENERATOR INSTALLATION - 110V/60HZ (DEUTZ TD2.9L4 ENGINES) (OPTIONAL)	302
FIGURE 3-54. 7500W SKYPOWER GENERATOR INSTALLATION - 220V/50HZ (DEUTZ D2011 ENGINES) (OPTIONAL)	306
FIGURE 3-55. 7500W SKYPOWER GENERATOR INSTALLATION - 110V/60HZ (DEUTZ D2011 ENGINES) (OPTIONAL)	310
FIGURE 3-56. 7500W SKYPOWER GENERATOR INSTALLATION - 110V/60HZ (DEUTZ TD2.9L4 ENGINES) (OPTIONAL)	314
FIGURE 3-57. 7500W SKYPOWER GENERATOR INSTALLATION - 110V/60HZ (FORD ENGINES) (OPTIONAL)	318
SECTION 4 - BOOM.....	321
FIGURE 4-1. BOOM INSTALLATION - 600S.....	322

TABLE OF CONTENTS

FIGURE 4-2. BOOM INSTALLATION - 660SJ	326
FIGURE 4-3. BOOM ASSEMBLY - 600S	330
FIGURE 4-4. BOOM ASSEMBLY - 660SJ	334
FIGURE 4-5. JIB ASSEMBLY - 660SJ (USA BUILT MACHINES)	338
FIGURE 4-6. JIB ASSEMBLY - 660SJ (CHINA BUILT MACHINES)	340
FIGURE 4-7. PLATFORM ROTATOR ASSEMBLY - 600S	342
FIGURE 4-8. PLATFORM ROTATOR ASSEMBLY - 660SJ	344
FIGURE 4-9. POWER TRACK INSTALLATION	346
FIGURE 4-10. BOOM VALVES INSTALLATION - 600S WITH 2WS	348
FIGURE 4-11. BOOM VALVES INSTALLATION - 600S WITH 4WS	350
FIGURE 4-12. BOOM VALVES INSTALLATION - 660SJ WITH 2WS	352
FIGURE 4-13. BOOM VALVES INSTALLATION - 660SJ WITH 4WS	354
FIGURE 4-14. PLATFORM VALVE ASSEMBLY - 600S	356
FIGURE 4-15. PLATFORM VALVE ASSEMBLY - 660SJ	358
FIGURE 4-16. BOOM SENSORS INSTALLATION - 600S	360
FIGURE 4-17. BOOM SENSORS INSTALLATION - 660SJ	362
FIGURE 4-18. PLATFORM SUPPORT INSTALLATION - WITHOUT LSS (SN 0300235168 through 0300251320, SN B300002655 through B300003386)	364
FIGURE 4-19. PLATFORM SUPPORT INSTALLATION - WITHOUT LSS (SN 0300251321 to Present, SN B300003387 to Present)	366
FIGURE 4-20. PLATFORM SUPPORT INSTALLATION - WITH LSS	368
 SECTION 5 - PLATFORM	 371
FIGURE 5-1. PLATFORM ASSEMBLY - 30IN X 3FT (76CM X .91M) - DROP BAR ENTRY	372
FIGURE 5-2. PLATFORM ASSEMBLY - 30IN X 4FT (76CM X 1.22M) WITH SWING GATE	374
FIGURE 5-3. PLATFORM ASSEMBLY - 30IN X 4FT (76CM X 1.22M) WITH DROP BAR	376
FIGURE 5-4. PLATFORM ASSEMBLY - 30IN X 5FT (76CM X 1.52M) WITH SWING GATE	378
FIGURE 5-5. PLATFORM ASSEMBLY - 30IN X 5FT (76CM X 1.52M) WITH DROP BAR	380
FIGURE 5-6. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH SWING GATE	382
FIGURE 5-7. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH DROP BAR	384
FIGURE 5-8. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH FALL ARREST (ANSI, ANSI EXPORT, CHINA AND CSA SPECS)	386
FIGURE 5-9. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) TRI-ENTRY WITH SWING GATE	388
FIGURE 5-10. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) TRI-ENTRY WITH DROP BAR	390
FIGURE 5-11. PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH SWING GATE	392
FIGURE 5-12. PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH DROP BAR	394
FIGURE 5-13. PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH FALL ARREST	396
FIGURE 5-14. TRAY ASSEMBLY	398
FIGURE 5-15. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION	400
FIGURE 5-16. CONSOLE BOX ASSEMBLY	402
FIGURE 5-17. DECAL AND LIGHT PANEL INSTALLATION - 600S (ALL SPECS EXCEPT AUSTRALIAN AND CE SPECS) ..	406
FIGURE 5-18. DECAL AND LIGHT PANEL INSTALLATION - 600S (CE SPECS)	408
FIGURE 5-19. DECAL AND LIGHT PANEL INSTALLATION - 660SJ (ALL SPECS EXCEPT AUSTRALIAN AND CE SPECS) ..	410
FIGURE 5-20. DECAL AND LIGHT PANEL INSTALLATION - 660SJ (AUSTRALIAN AND CE SPECS)	412
FIGURE 5-21. STEER SWITCH INSTALLATION WITHOUT TOW PACKAGE (4WD/4WS MACHINES)	414
FIGURE 5-22. STEER SWITCH INSTALLATION WITH TOW PACKAGE (4WD/4WS MACHINES)	416
FIGURE 5-23. CONTROLLER ASSEMBLY (DRIVE AND STEER)	418
FIGURE 5-24. CONTROLLER ASSEMBLY (LIFT AND SWING)	420
FIGURE 5-25. FOOTSWITCH ASSEMBLY	424
FIGURE 5-26. SKYGUARD INSTALLATION	426
FIGURE 5-27. CROSS RAIL INSTALLATION	428
FIGURE 5-28. SOFT TOUCH INSTALLATION - 6FT (1.83M) PLATFORM (OPTIONAL)	430
FIGURE 5-29. SOFT TOUCH INSTALLATION - 6FT (1.83M) FALL ARREST PLATFORM (600S) (OPTIONAL)	432
FIGURE 5-30. SOFT TOUCH INSTALLATION - 8FT (2.4M) PLATFORM (OPTIONAL)	434
FIGURE 5-31. SOFT TOUCH INSTALLATION - 8FT (2.4M) FALL ARREST PLATFORM (600S) (OPTIONAL)	436
FIGURE 5-32. SOFT TOUCH INSTALLATION - OVERHEAD (CHINESE AND KOREAN SPECS) (OPTIONAL)	438
FIGURE 5-33. SKYGLAZIER INSTALLATION - 600S & 660SJ (ANSI, AUSTRALIAN AND CSA SPECS)	440
FIGURE 5-34. SKYGLAZIER INSTALLATION - 600S (BRAZIL SPECS)	442
FIGURE 5-35. SKYGLAZIER INSTALLATION - 600S (LATIN AMERICAN SPECS)	444
FIGURE 5-36. SKYWELDER INSTALLATION (50HZ)	446
FIGURE 5-37. SKYWELDER INSTALLATION (60HZ)	448
FIGURE 5-38. SKYWELDER PREP PACKAGE (60HZ)	450
FIGURE 5-39. WELDER ASSEMBLY	452
FIGURE 5-40. PIPE RACK INSTALLATION (ANSI AND CSA SPECS)	454
FIGURE 5-41. PIPE RACK INSTALLATION (AUSTRALIAN SPECS)	456
FIGURE 5-42. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (6FT/1.82M PLATFORM)	458

TABLE OF CONTENTS

FIGURE 5-43. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (6FT/1.82M TRI-ENTRY PLATFORM)	460
FIGURE 5-44. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (8FT/2.4M PLATFORM)	462
SECTION 6 - CYLINDER.....	465
FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSMBLY	466
FIGURE 6-2. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE (600S)	468
FIGURE 6-3. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE (660SJ)	470
FIGURE 6-4. LIFT CYLINDER ASSEMBLY - BOOM.....	472
FIGURE 6-5. LIFT CYLINDER ASSEMBLY - JIB (660SJ) (ORIGINAL EQUIPMENT) (SN 0300235168 through 03000237971, SN B300002216 through B300002338)	474
FIGURE 6-6. LIFT CYLINDER ASSEMBLY - JIB (660SJ) (SERVICE REPLACEMENT) (SN 0300235168 through 03000237971, SN B300002216 through B300002338)	476
FIGURE 6-7. LIFT CYLINDER ASSEMBLY - JIB (660SJ) (SERVICE REPLACEMENT) (SN 0300235168 through 03000237971, SN B300002216 through B300002338)	478
FIGURE 6-8. LIFT CYLINDER ASSEMBLY - JIB (660SJ) (SN 0300237972 through 0300245222, SN B300002339 to Present).....	480
FIGURE 6-9. LIFT CYLINDER ASSEMBLY - JIB (660SJ) (SN 0300237157 to Present)	482
FIGURE 6-10. STEER CYLINDER ASSEMBLY	484
FIGURE 6-11. TELESCOPE CYLINDER ASSEMBLY (SN 0300235168 through 0300237156, SN B300002655 through B300002781).....	486
FIGURE 6-12. TELESCOPE CYLINDER ASSEMBLY (SN 0300237157 through 0300250001, SN B300002782 through B300003104).....	488
FIGURE 6-13. TELESCOPE CYLINDER ASSEMBLY (SN 0300250002 to Present, SN B300003105 to Present).....	490
SECTION 7 - HYDRAULIC	493
FIGURE 7-1. DRIVE HYDRAULIC DIAGRAM (2WS WITHOUT ARCTIC PACKAGE)	494
FIGURE 7-2. DRIVE HYDRAULIC DIAGRAM (2WS WITH ARCTIC PACKAGE)	498
FIGURE 7-3. DRIVE HYDRAULIC DIAGRAM (4WS)	502
FIGURE 7-4. STANDARD HYDRAULIC DIAGRAM (600S 2WS).....	506
FIGURE 7-5. STANDARD HYDRAULIC DIAGRAM (600S 4WS).....	512
FIGURE 7-6. STANDARD HYDRAULIC DIAGRAM (660SJ 2WS)	518
FIGURE 7-7. STANDARD HYDRAULIC DIAGRAM (660SJ 4WS)	524
FIGURE 7-8. HYDRAULIC DIAGRAM LIST.....	530
SECTION 8 - ELECTRICAL.....	531
FIGURE 8-1. ELECTRICAL DIAGRAM LIST	532
FIGURE 8-2. AC BOX AT PLATFORM INSTALLATION - 110V (ALL SPECS EXCEPT AUSTRALIAN & CE SPECS)	534
FIGURE 8-3. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE SPECS WITHOUT 4000W/50HZ GENERATOR)	536
FIGURE 8-4. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE SPECS WITH 4000W/50HZ GENERATOR)	538
FIGURE 8-5. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE SPECS WITHOUT 4000W/50HZ GENERATOR)	540
FIGURE 8-6. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE SPECS WITH 4000W/50HZ GENERATOR).....	542
FIGURE 8-7. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2IN X 4IN POST GROUND (CE SPECS WITHOUT 4000W/50HZ GENERATOR)	544
FIGURE 8-8. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2IN X 4IN POST GROUND (CE SPECS WITH 4000W/50HZ GENERATOR)	546
FIGURE 8-9. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2IN X 4IN SIDE GROUND (CE SPECS WITHOUT 4000W/50HZ GENERATOR)	548
FIGURE 8-10. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2IN X 4IN SIDE GROUND (CE SPECS WITH 4000W/50HZ GENERATOR)	550
FIGURE 8-11. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT107 (CE SPECS WITHOUT 4000W/50HZ GENERATOR)	552
FIGURE 8-12. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT107 (CE SPECS WITH 4000W/50HZ GENERATOR)	554
FIGURE 8-13. AC BOX AT PLATFORM INSTALLATION - 220V CUSTOMER SUPPLIED COMPONENTS (ANSI EXPORT, CE AND CHINA SPECS)	556
FIGURE 8-14. AC BOX AT PLATFORM INSTALLATION - 240V (WITH 4000W GENERATOR) (ALL SPECS EXCEPT AUSTRALIAN & CE SPECS)	558
FIGURE 8-15. AC BOX AT PLATFORM INSTALLATION - 240V (WITH 7500W SKYPOWER GENERATOR) (ALL SPECS EXCEPT AUSTRALIAN & CE SPECS).....	560
FIGURE 8-16. AC BREAKER BOX INSTALLATION - SINGLE DOUBLE POLE BREAKER	562
FIGURE 8-17. AC BREAKER BOX INSTALLATION - 3 BREAKERS	564
FIGURE 8-18. AC CABLES AND CLAMPS INSTALLATION - 600S WITHOUT GENERATOR (ANSI, CSA AND JAPANESE SPECS).....	566

TABLE OF CONTENTS

FIGURE 8-19. AC CABLES AND CLAMPS INSTALLATION - 600S WITHOUT GENERATOR (ANSI EXPORT, CE AND CHINA SPECS)	568
FIGURE 8-20. AC CABLES AND CLAMPS INSTALLATION - 600S WITH 2500W GENERATOR (ALL SPECS EXCEPT AUSTRALIAN AND CE SPECS)	570
FIGURE 8-21. AC CABLES AND CLAMPS INSTALLATION - 600S WITH 4000W/60HZ GENERATOR (ALL SPECS EXCEPT AUSTRALIAN, CE AND CHINA SPECS)	572
FIGURE 8-22. AC CABLES AND CLAMPS INSTALLATION - 600S WITH 4000W/50HZ GENERATOR (ANSI EXPORT, CE AND CHINA SPECS)	574
FIGURE 8-23. AC CABLES AND CLAMPS INSTALLATION - 600S WITH 7500W SKYPOWER GENERATOR	576
FIGURE 8-24. AC CABLES AND CLAMPS INSTALLATION - 660SJ WITHOUT GENERATOR (ANSI, CSA AND JAPANESE SPECS)	578
FIGURE 8-25. AC CABLES AND CLAMPS INSTALLATION - 660SJ WITHOUT GENERATOR (ANSI EXPORT, AUSTRALIAN, CE AND CHINA SPECS).....	580
FIGURE 8-26. AC CABLES AND CLAMPS INSTALLATION - 660SJ WITH 2500W GENERATOR (ALL SPECS EXCEPT CE SPECS)	582
FIGURE 8-27. AC CABLES AND CLAMPS INSTALLATION - 660SJ WITH 4000W/60HZ GENERATOR (ALL SPECS EXCEPT AUSTRALIAN, CE AND CHINA SPECS)	584
FIGURE 8-28. AC CABLES AND CLAMPS INSTALLATION - 660SJ WITH 4000W/50HZ GENERATOR (ANSI EXPORT, AUSTRALIAN AND CE SPECS)	586
FIGURE 8-29. AC CABLES AND CLAMPS INSTALLATION - 660SJ WITH 7500W SKYPOWER GENERATOR	588
FIGURE 8-30. BREAKER BOX KIT - SINGLE DOUBLE POLE BREAKER (WITHOUT 4000W/50HZ GENERATOR)	590
FIGURE 8-31. BREAKER BOX KIT - SINGLE DOUBLE POLE BREAKER (WITH 4000W/50HZ GENERATOR)	592
FIGURE 8-32. BREAKER BOX KIT - 3 BREAKERS (SN 0300235168 through 0300237156)	594
FIGURE 8-33. BREAKER BOX KIT - 3 BREAKERS (SN 0300237157 to Present).....	596
FIGURE 8-34. BOOM ANGLE SENSOR HARNESS.....	598
FIGURE 8-35. BOOM CABLE - LOWER	600
FIGURE 8-36. BOOM CABLE - UPPER (600S)	602
FIGURE 8-37. BOOM CABLE - UPPER (660SJ)	604
FIGURE 8-38. CAPACITY PROXIMITY HARNESS	606
FIGURE 8-39. ELECTRICAL COMPONENTS INSTALLATION - 600S WITH 2WS.....	608
FIGURE 8-40. ELECTRICAL COMPONENTS INSTALLATION - 600S WITH 4WS.....	610
FIGURE 8-41. ELECTRICAL COMPONENTS INSTALLATION - 660SJ WITH 2WS.....	612
FIGURE 8-42. ELECTRICAL COMPONENTS INSTALLATION - 660SJ WITH 4WS.....	614
FIGURE 8-43. ENGINE HARNESS - DEUTZ D2011 ENGINES	616
FIGURE 8-44. ENGINE HARNESS - DEUTZ TD2.9L4 ENGINES (SN 0300235168 through 0300237156, SN B300002655 through B300002681).....	618
FIGURE 8-45. ENGINE HARNESS - DEUTZ TD2.9L4 ENGINES (SN 0300237156 to Present, SN B300002682 to Present) ...	622
FIGURE 8-46. ENGINE HARNESS - FORD ENGINES.....	626
FIGURE 8-47. FUEL PUMP HARNESS - DEUTZ TD2.9L4 ENGINE	628
FIGURE 8-48. GENERATOR HARNESS - 2500W.....	630
FIGURE 8-49. GENERATOR HARNESS - 4000W.....	632
FIGURE 8-50. GENERATOR HARNESS - 7500W SKYPOWER	634
FIGURE 8-51. GENERATOR RECEPTACLE BOX TO AC PLUG HARNESS (2500W GENERATOR)	636
FIGURE 8-52. GENERATOR TO ENGINE HARNESS - 7500W SKYPOWER GENERATOR (DEUTZ D2011 ONLY)	638
FIGURE 8-53. GROUND CONTROL HARNESS	640
FIGURE 8-54. LIFT CYLINDER HARNESS	642
FIGURE 8-55. MAIN VALVE HARNESS (2WS).....	644
FIGURE 8-56. MAIN VALVE HARNESS (4WS).....	646
FIGURE 8-57. PLATFORM CONSOLE HARNESS.....	648
FIGURE 8-58. PLATFORM VALVE HARNESS (600S)	652
FIGURE 8-59. PLATFORM VALVE HARNESS (660SJ)	654
FIGURE 8-60. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE SPEC).....	656
FIGURE 8-61. RECEPTACLE BOX KIT - 220V IEC BLUE (CE SPEC)	658
FIGURE 8-62. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2X4 BOX (CE SPEC).....	660
FIGURE 8-63. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND (CE SPEC)	662
FIGURE 8-64. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE SPEC).....	664
FIGURE 8-65. STROBE LIGHT CONTROL HARNESS (BLUE LIGHT).....	666
FIGURE 8-66. TELE PROXIMITY HARNESS	668
FIGURE 8-67. TURNTABLE HARNESS	670
 SECTION 9 - DECALS	 673
FIGURE 9-1. DECAL INSTALLATION - 600S (ANSI SPECS - ENGLISH LANGUAGE).....	674
FIGURE 9-2. DECAL INSTALLATION - 600S (BRAZIL SPECS - PORTUGUESE/SPANISH LANGUAGES)	676
FIGURE 9-3. DECAL INSTALLATION - 600S (CE SPECS - ENGLISH LANGUAGE)	678
FIGURE 9-4. DECAL INSTALLATION - 600S (CHINESE SPECS - ENGLISH/SIMPLIFIED CHINESE LANGUAGES)	680
FIGURE 9-5. DECAL INSTALLATION - 600S (CHINESE SPECS - ENGLISH/TRADITIONAL CHINESE LANGUAGES)	682

TABLE OF CONTENTS

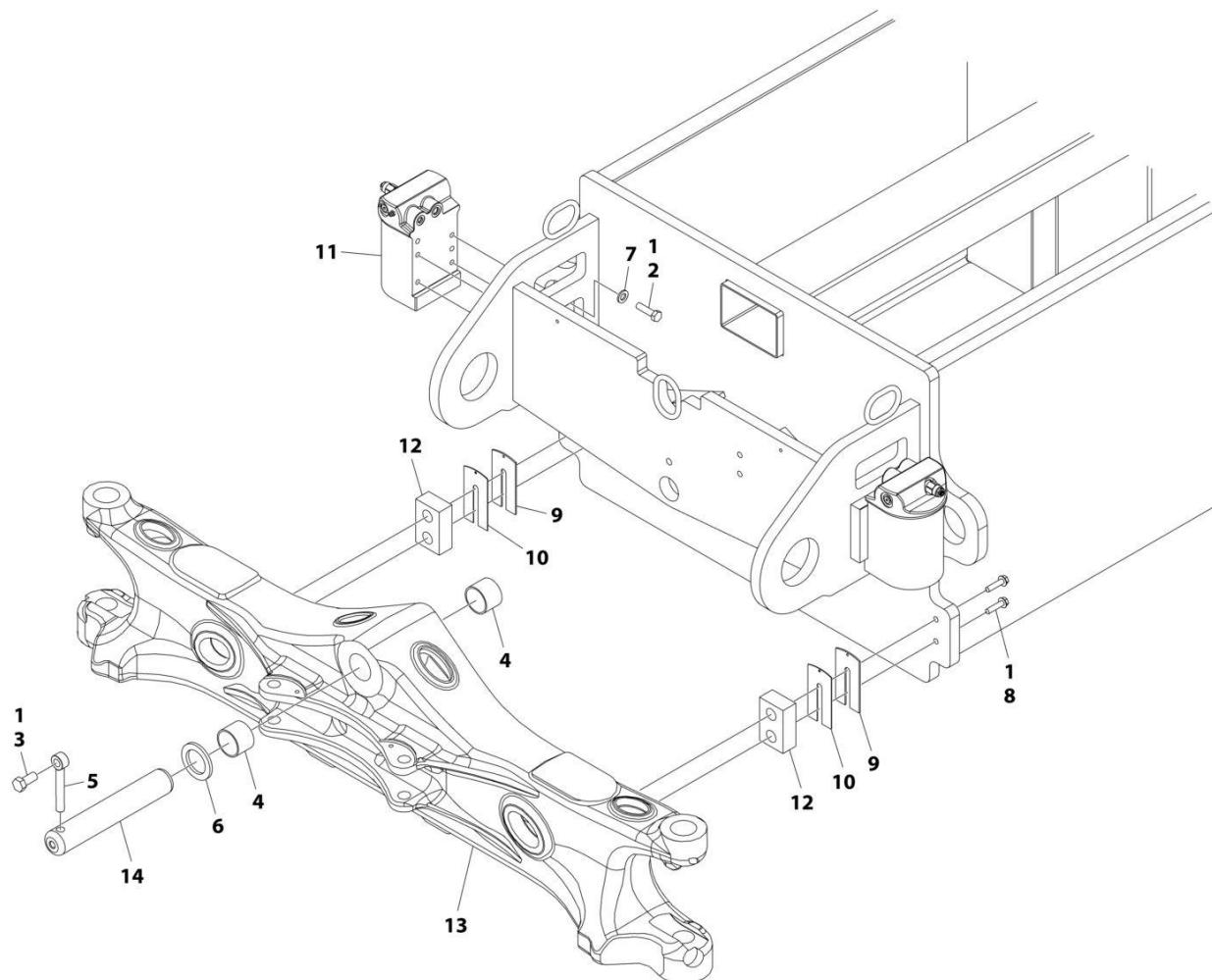
FIGURE 9-6. DECAL INSTALLATION - 600S (CSA SPECS - ENGLISH/FRENCH LANGUAGES)	684
FIGURE 9-7. DECAL INSTALLATION - 600S (JAPANESE SPECS - ENGLISH/JAPANESE LANGUAGES)	686
FIGURE 9-8. DECAL INSTALLATION - 600S (KOREAN SPECS - ENGLISH/KOREAN LANGUAGES)	688
FIGURE 9-9. DECAL INSTALLATION - 600S (LATIN AMERICAN SPECS - ENGLISH/SPANISH LANGUAGES)	690
FIGURE 9-10. DECAL INSTALLATION - 660SJ (ANSI SPECS - ENGLISH LANGUAGE)	692
FIGURE 9-11. DECAL INSTALLATION - 660SJ (AUSTRALIAN SPECS - ENGLISH LANGUAGE)	694
FIGURE 9-12. DECAL INSTALLATION - 660SJ (BRAZIL SPECS - PORTUGUESE/SPANISH LANGUAGES)	696
FIGURE 9-13. DECAL INSTALLATION - 660SJ (CE SPECS - ENGLISH LANGUAGE)	698
FIGURE 9-14. DECAL INSTALLATION - 660SJ (CHINESE SPECS - ENGLISH/SIMPLIFIED CHINESE LANGUAGES)	700
FIGURE 9-15. DECAL INSTALLATION - 660SJ (CHINESE SPECS - ENGLISH/TRADITIONAL CHINESE LANGUAGES)	702
FIGURE 9-16. DECAL INSTALLATION - 660SJ (CSA SPECS - ENGLISH/FRENCH LANGUAGES)	704
FIGURE 9-17. DECAL INSTALLATION - 660SJ (JAPANESE SPECS - ENGLISH/JAPANESE LANGUAGES)	706
FIGURE 9-18. DECAL INSTALLATION - 660SJ (KOREAN SPECS - ENGLISH/KOREAN LANGUAGES)	708
FIGURE 9-19. DECAL INSTALLATION - 660SJ (LATIN AMERICAN SPECS - ENGLISH/SPANISH LANGUAGES)	710
FIGURE 9-20. DECALS INSTALLATION - OPTIONS	712
FIGURE 9-21. DECAL INSTALLATION - TOW (ANSI SPECS)	716
FIGURE 9-22. DECAL INSTALLATION - TOW (CSA SPECS)	718
FIGURE 9-23. DECAL INSTALLATION - TOW (ANSI EXPORT & CE SPECS)	720
SECTION 10 - RECOMMENDED SERVICE PARTS STOCK	723
FIGURE 10-1. RECOMMENDED SERVICE PARTS STOCK	724
SECTION 11 - SPECIAL OPTIONS	727
FIGURE 11-1. SPECIAL OPTIONS	728
PART NUMBER INDEX	733

SECTION 1 - FRAME

SECTION 1 - FRAME

SECTION 1 - FRAME

FIGURE 1-1. AXLE INSTALLATION - FRONT



ART_1001181774

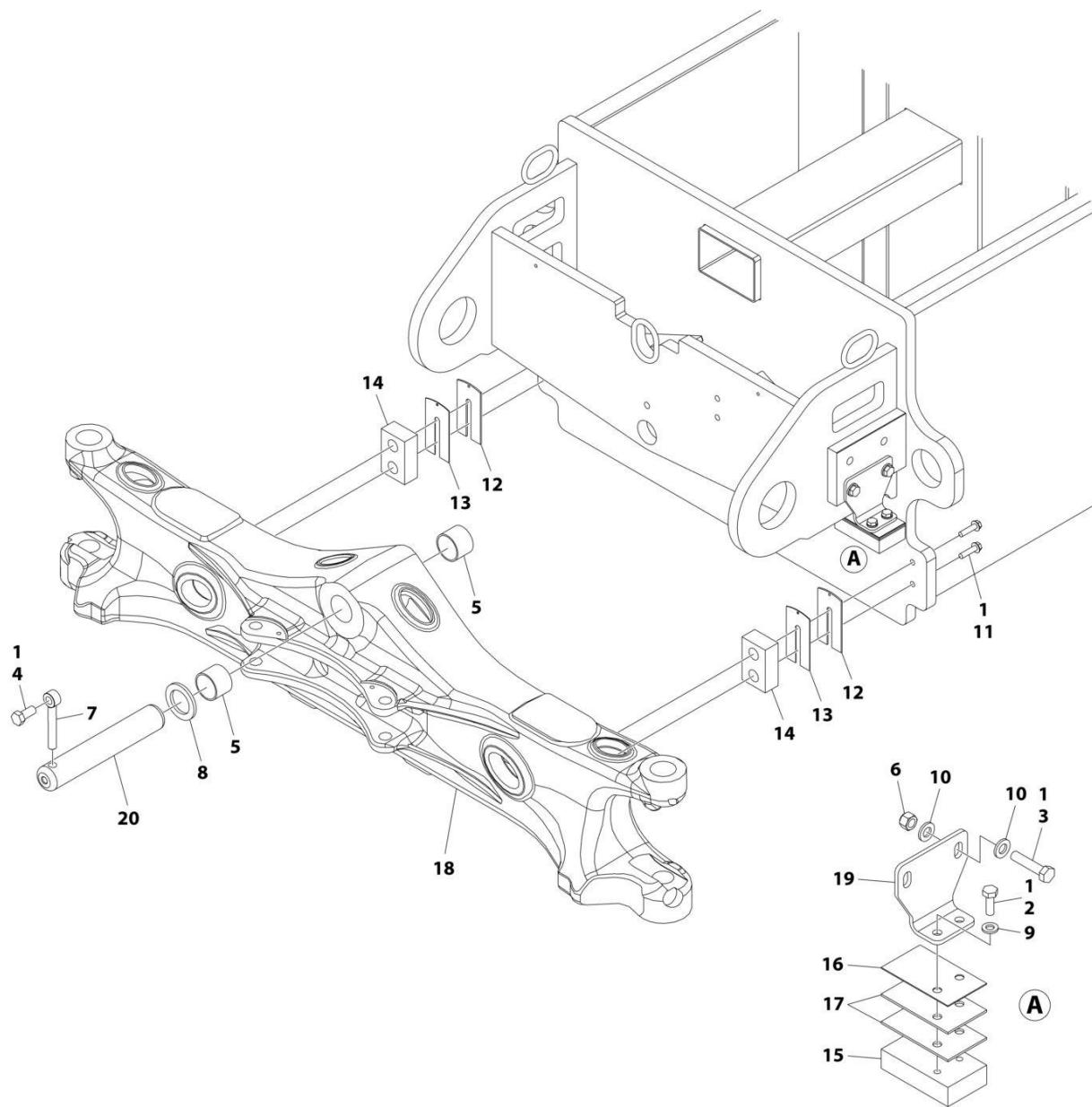
SECTION 1 - FRAME

FIGURE 1-1. AXLE INSTALLATION - FRONT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001181774	Ref	AXLE INSTALLATION	
1	0100011	AR	Compound, Locking	B
2	0701217	8	Bolt M12 x 45	
3	0761615	1	Bolt M16 x 35	
4	0961950	2	Bearing	
5	3841258	1	Keeper, Pin	
6	4740158	1	Washer	
7	5241200	8	Washer M12	
8	5251016	4	Bolt M10 x 40	
9	1001150324	2	Shim (3mm)	
10	1001150326	2	Shim (1.2mm)	
11	1001219040	2	Axle Lockout Cylinder (See Separate Breakdown in CYLINDER SECTION)	
12	1001166563	2	Pad, Wear	
13	1001184209	1	Axle	
14	1001185030	1	Pin	

SECTION 1 - FRAME

FIGURE 1-2. AXLE INSTALLATION - REAR (4WS ONLY)



ART_1001181775

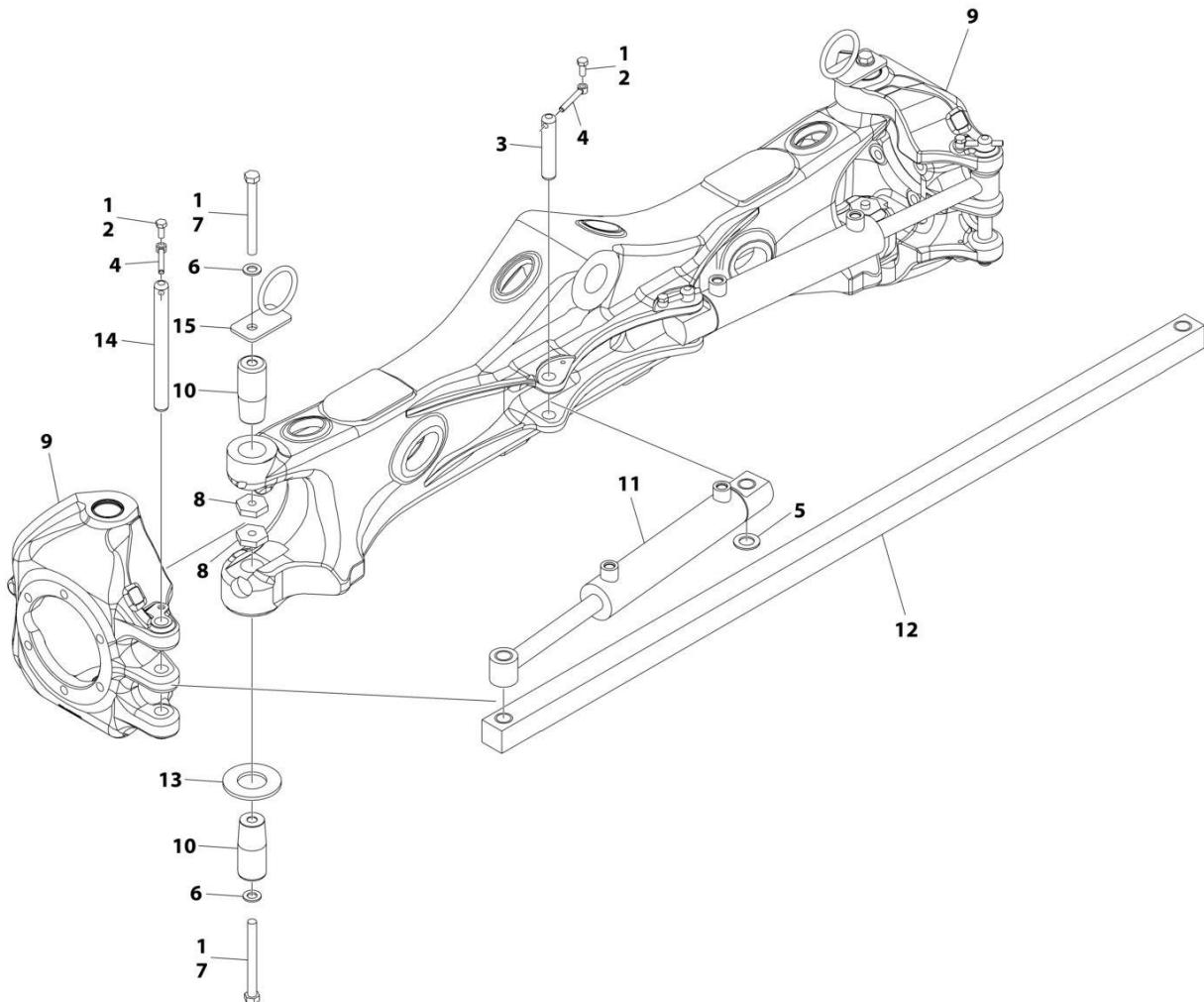
SECTION 1 - FRAME

FIGURE 1-2. AXLE INSTALLATION - REAR (4WS ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181775	Ref	AXLE INSTALLATION	A
	1001184691	Ref	AXLE INSTALLATION - REAR	D
1	0100011	AR	Compound, Locking	
2	0701014	4	Bolt M10 x 30	
3	0701219	4	Bolt M12 x 55	
4	0761615	1	Bolt M16 x 35	
5	0961950	2	Bearing	
6	3291205	4	Nut M12	
7	3841258	1	Keeper, Pin	
8	4740158	1	Washer	
9	5241000	4	Washer M10	
10	5241200	8	Washer M12	
11	5251016	4	Bolt M10 x 40	
12	1001150324	2	Shim (3mm)	
13	1001150326	2	Shim (1.2mm)	
14	1001166563	2	Pad, Wear	
15	1001209431	2	Block, Stop	
16	1001180315	2	Shim (1.5mm)	
17	1001180316	4	Shim (3mm)	
18	1001184209	1	Axle	
19	1001184216	2	Bracket	
20	1001185030	1	Pin	

SECTION 1 - FRAME

FIGURE 1-3. STEER INSTALLATION - WITHOUT TOW PACKAGE



ART_1001181770

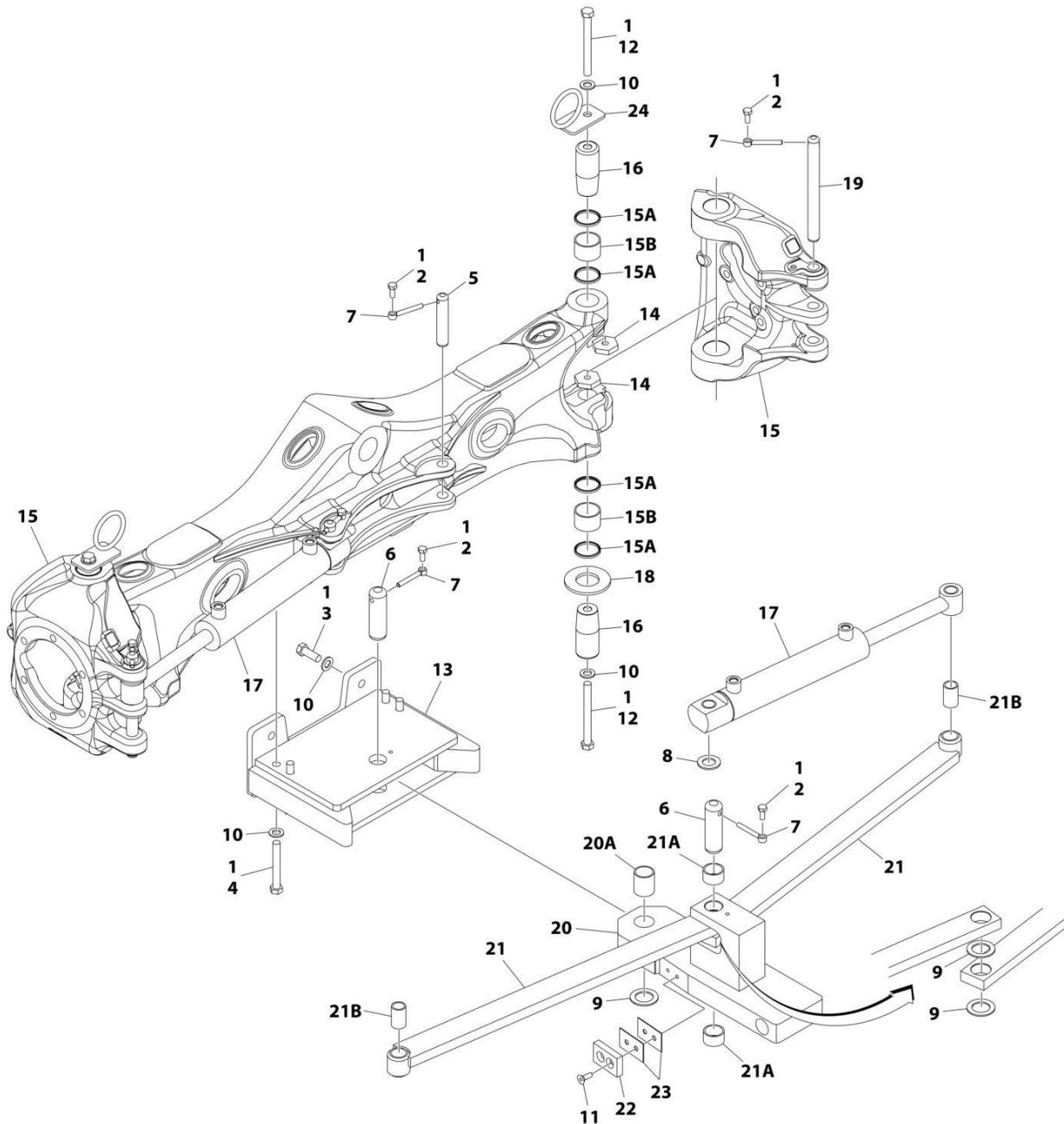
SECTION 1 - FRAME

FIGURE 1-3. STEER INSTALLATION - WITHOUT TOW PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181770	Ref	STEER INSTALLATION	
1	0100011	AR	Compound, Locking	C
2	0701012	4	Bolt M10 x 25	
3	3422351	2	Pin	
4	3841143	4	Keeper, Pin	
5	4740111	2	Washer	
6	5241600	4	Washer M16	
7	1001096456	4	Bolt M16 x 160	
8	1001176848	4	Nut M16	
9	1001181787	2	Knuckle	
9	1001181791	8	Seal (4 Per Assembly)	
9	1001182694	4	Bearing (2 Per Assembly)	
10	1001181790	4	Kingpin	
11	1001181792	2	Steer Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
12	1001181793	1	Tie-Rod	
12	1001182695	2	Bearing	
13	1001190194	2	Bearing	
14	1001182697	2	Pin	
15	1001196390	2	Bracket	

SECTION 1 - FRAME

FIGURE 1-4. STEER INSTALLATION - WITH TOW PACKAGE



ART_1001181772

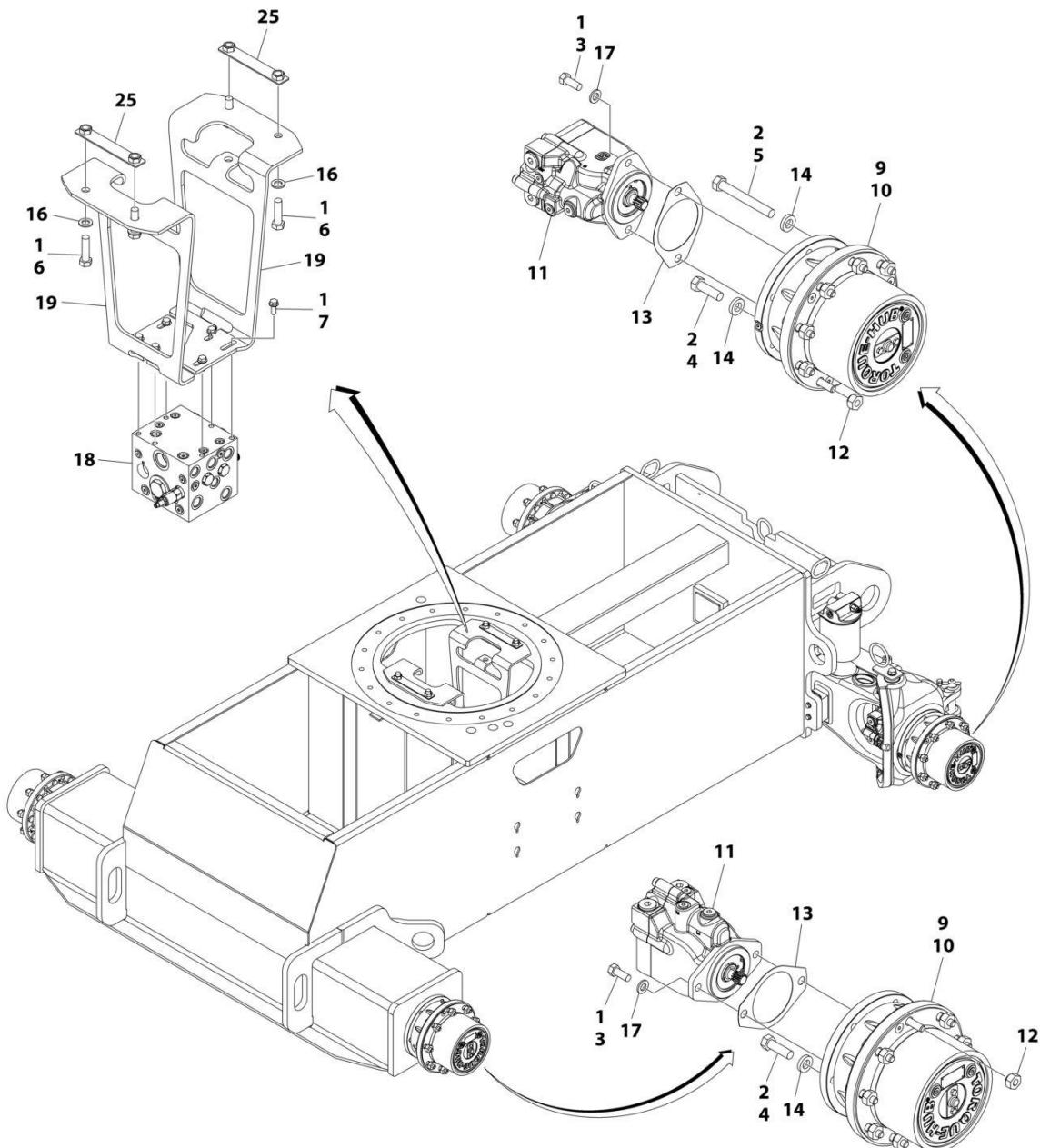
SECTION 1 - FRAME

FIGURE 1-4. STEER INSTALLATION - WITH TOW PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181772	Ref	STEER INSTALLATION	
1	0100011	AR	Compound, Locking	
2	0701012	6	Bolt M10 x 25	
3	0701617	2	Bolt M16 x 45	
4	0711629	4	Bolt M16 x 120	
5	3422351	2	Pin	
6	3422848	2	Pin	
7	3841143	6	Keeper, Pin	
8	4740111	2	Washer	
9	4740155	3	Washer	
10	5241600	10	Washer M16	
11	8310614	4	Screw M10 x 30	
12	1001096456	4	Bolt M16 x 160	
13	1001163717	1	Bracket	
14	1001176848	4	Nut M16	
15	1001181787	2	Knuckle	
15A	1001181791	8	Seal (4 Per Assembly)	
15B	1001182694	4	Bearing (2 Per Assembly)	
16	1001181790	4	Kingpin	
17	1001181792	2	Steer Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
18	1001190194	2	Bearing	
19	1001182697	2	Pin	
20	1001188503	1	Link	
20A	0962348	1	Bearing	
21	1001184213	2	Link	
21A	0962181	1	Bushing 1-1/2in ID	
21B	1001182695	1	Bearing 1in ID	
22	1001185906	2	Block, Stop	
23	1001185907	4	Shim (1.5mm)	
24	1001196390	2	Bracket	

SECTION 1 - FRAME

FIGURE 1-5. WHEEL DRIVE INSTALLATION - 4WD/2WS



ART_1001186443

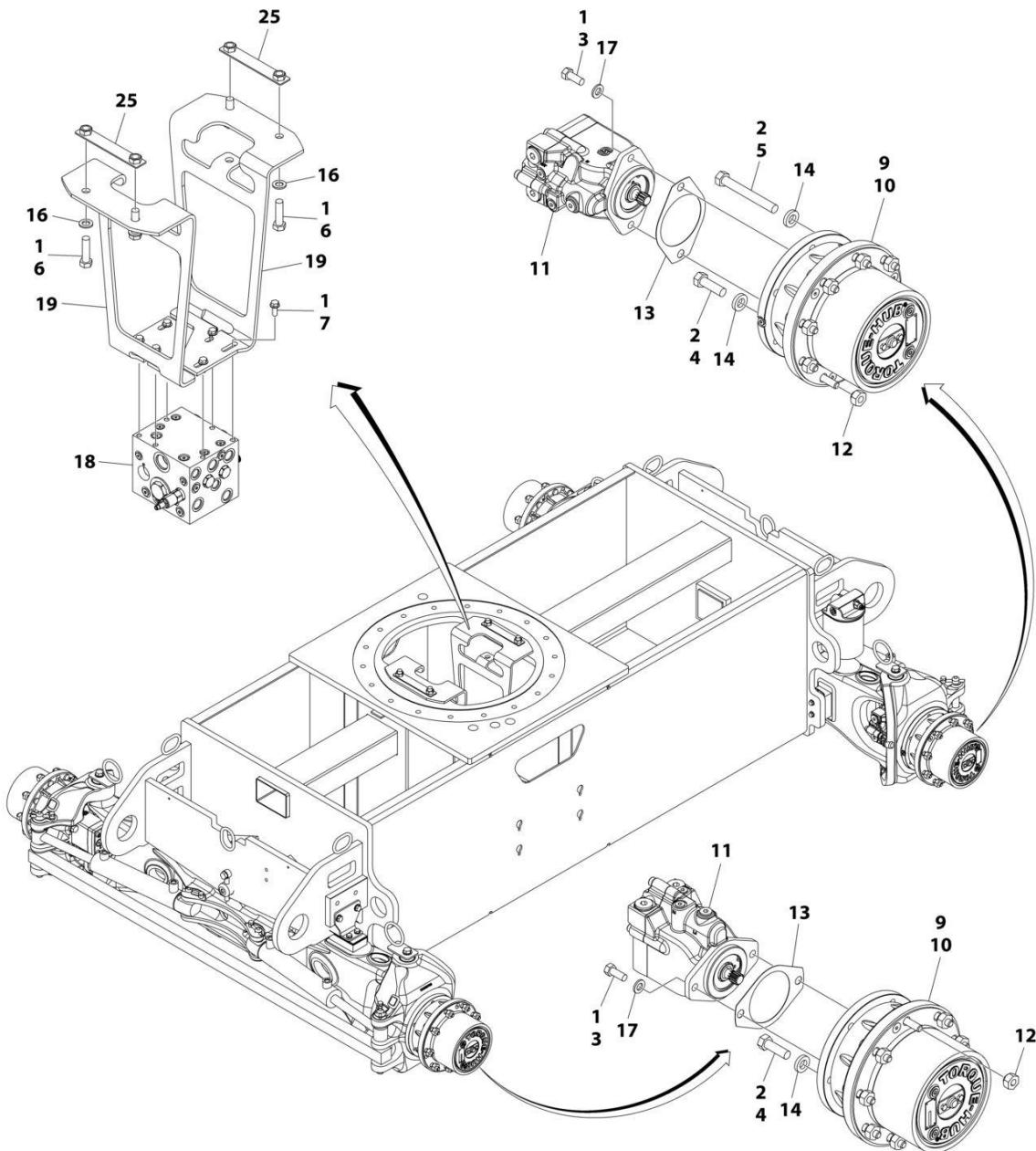
SECTION 1 - FRAME

FIGURE 1-5. WHEEL DRIVE INSTALLATION - 4WD/2WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186443	Ref	WHEEL DRIVE INSTALLATION	
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0681810	8	Bolt 1/2 x 1-1/4	
4	0682016	20	Bolt 5/8 x 2	
5	0682040	4	Bolt 5/8 x 5	
6	0701620	4	Bolt M16 x 60	
7	5251012	6	Bolt M10 x 25	
9	2780269	4	Drive Hub Assembly (See Separate Breakdown in this Section)	
10	3020008	AR	Lubricant	
11	3160350	4	Drive Motor Assembly (See Separate Breakdown in this Section)	
12	3300106	36	Lugnut	
13	3960526	4	Gasket	
14	4740393	24	Washer	
16	4812300	4	Washer M16	
17	5241200	8	Washer M12	
18	1001187521	1	Traction Valve Assembly (See Separate Breakdown in this Section)	
19	1001191008	NLA	Bracket (Use p/n 1001232292) (SN 0300235168 through 0300234974)	
19	1001232292	2	Bracket (SN 0300234975 to Present, SN B300002655 to Present)	
25	1001198631	2	Bracket	

SECTION 1 - FRAME

FIGURE 1-6. WHEEL DRIVE INSTALLATION - 4WD/4WS



ART_1001188340

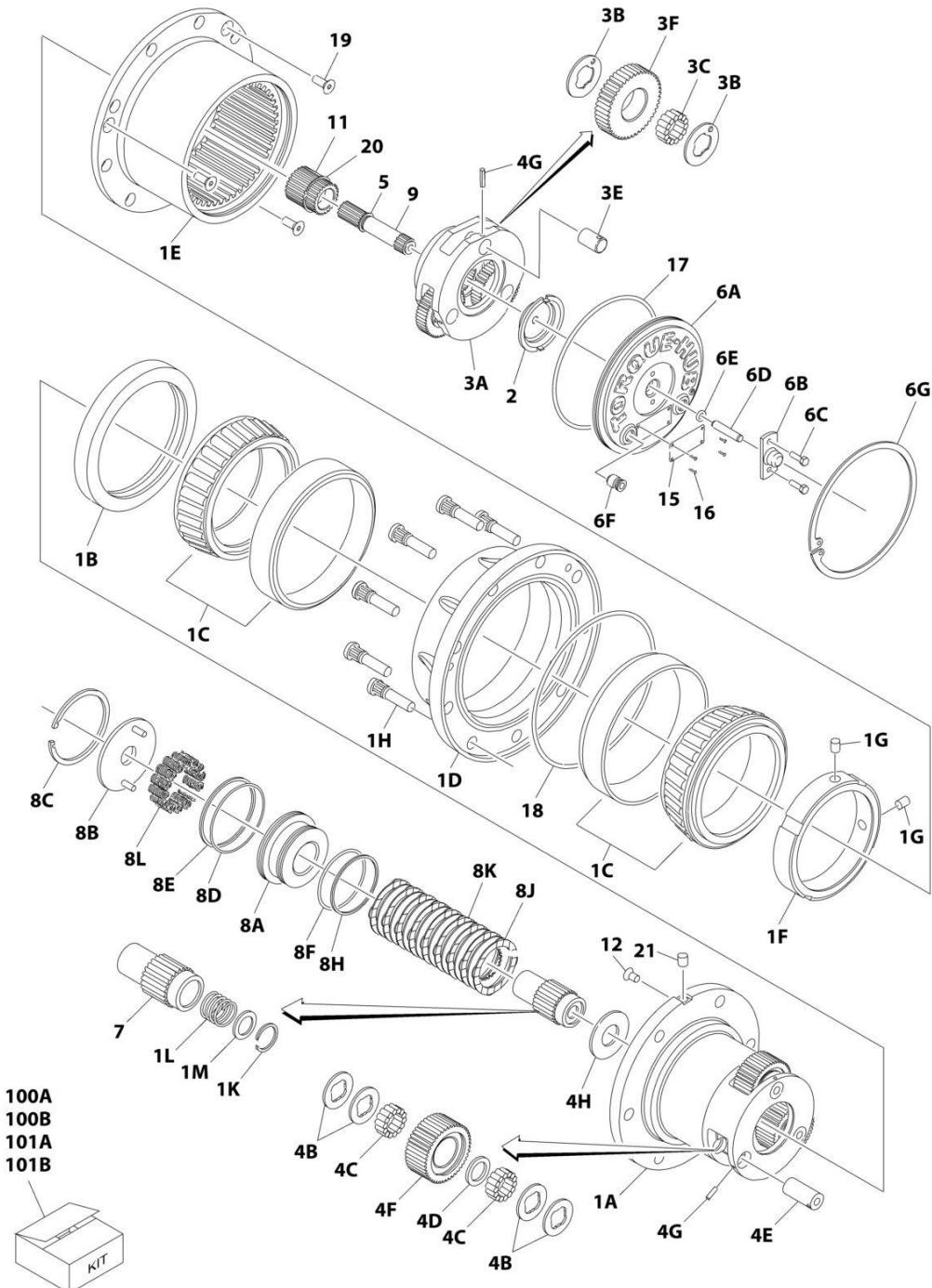
SECTION 1 - FRAME

FIGURE 1-6. WHEEL DRIVE INSTALLATION - 4WD/4WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188340	Ref	WHEEL DRIVE INSTALLATION	
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0681810	8	Bolt 1/2 x 1-1/4	
4	0682016	16	Bolt 5/8 x 2	
5	0682040	8	Bolt 5/8 x 5	
6	0701620	4	Bolt M16 x 60	
7	5251012	6	Bolt M10 x 25	
9	2780269	4	Drive Hub Assembly (See Separate Breakdown in this Section)	
10	3020008	AR	Lubricant	
11	3160350	4	Drive Motor Assembly (See Separate Breakdown in this Section)	
12	3300106	36	Lugnut	
13	3960526	4	Gasket	
14	4740393	24	Washer	
16	4812300	4	Washer M16	
17	5241200	8	Washer M12	
18	1001187521	1	Traction Valve Assembly (See Separate Breakdown in this Section)	
19	1001191008	NLA	Bracket (Use p/n 1001232292) (SN 0300235168 through 0300234974)	
19	1001232292	2	Bracket (SN 0300234975 to Present, SN B300002655 to Present)	
25	1001198631	2	Bracket	

SECTION 1 - FRAME

FIGURE 1-7. DRIVE HUB ASSEMBLY



ART_2780269

SECTION 1 - FRAME

FIGURE 1-7. DRIVE HUB ASSEMBLY

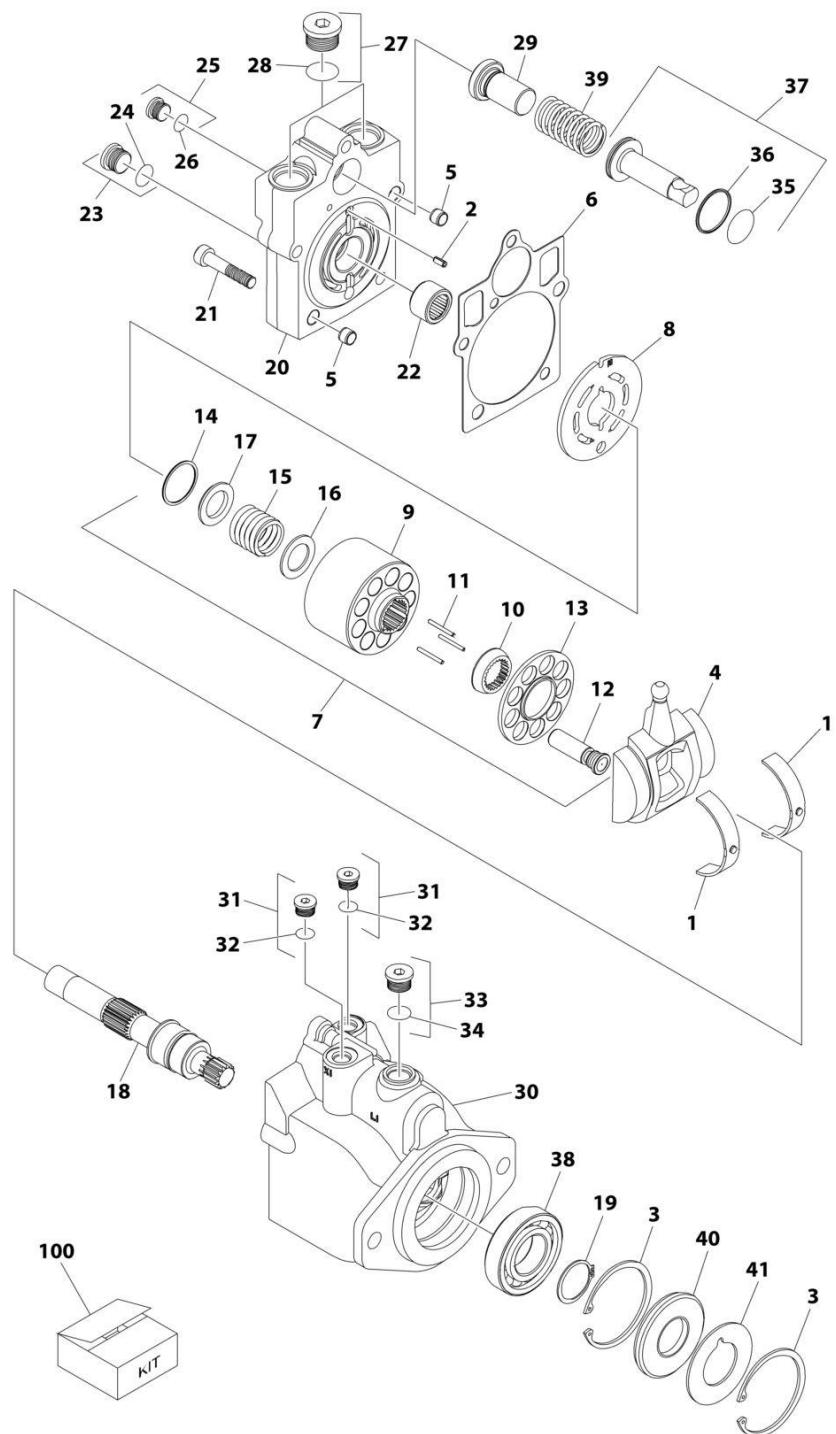
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	2780269 See Note	Ref NSS	DRIVE HUB ASSEMBLY Spindle/Housing Assembly (Note: Not Available - Purchase p/n 2780269 Complete Replacement. See 1A-1M for Available Components)	E
1A	7024729	1	Spindle	
1B	70001119	1	Seal	
1C	7024735	2	Bearing (Includes Cup and Cone)	
1D	2780269	1	Housing (Note: Not Available for Purchase)	
1E	7024730	1	Ring, Gear	
1F	See Note	NSS	Nut, Bearing (Note: Use Item 100A)	
1G	See Note	NSS	Setscrew 1/4in-28NF x 1/2in (Note: Use Item 100A, 100B, 101A or 101B)	
1H	7024732	9	Stud, Wheel	
1K	7024125	1	Ring, Retaining	
1L	7024124	1	Spring	
1M	7024129	1	Thrustwasher	
2	7024741	1	Thrustwasher	
3	See Note	NSS	Carrier Assembly (Note: Not Available for Purchase. See 3A-3F for Available Components)	
3A	7024725	1	Carrier	
3B	7024127	6	Thrustwasher	
3C	7024733	42	Bearing, Needle	
3E	7024724	3	Shaft, Planet	
3F	7024727	3	Gear, Planet	
4	See Note	NSS	Planet Gear Sub-Assembly (Note: Not Available for Purchase. See 4B-4H for Available Components)	
4B	7024740	12	Thrustwasher	
4C	7024734	84	Bearing, Needle	
4D	7024736	3	Spacer, Thrust	
4E	7024726	3	Shaft, Planet	
4F	7024728	3	Gear, Planet	
4G	7001913	6	Rollpin	
4H	7024742	1	Thrustwasher	
5	7017027	1	Ring, Retaining	
6	See Note	NSS	Cover Assembly (Note: Not Available for Purchase. See 6A-6G for Available Components)	
6A	7024731	1	Plate, Cover	
6B	7017093	1	Cap, Disengage	
6C	7000216	2	Bolt 1/2in-20NC x 1/2in	
6D	7024739	1	Pin, Dowel	
6E	7017095	1	O-Ring	
6F	7017072	2	Plug, Pipe	
6G	7024738	1	Ring, Retaining	
7	7024722	1	Coupling	
8	See Note	NSS	Brake, Input (Note: Not Available for Purchase. See 8A-8L for Available Components)	
8A	70000782	1	Piston, Brake	
8B	7024743	1	Plate, Pressure	
8C	See Note	NSS	Ring, Retaining (Note: Use Item 100B, 101A or 101B)	
8D	See Note	NSS	O-Ring (Note: Use Item 100B or 101A)	
8E	See Note	NSS	Ring, Back-up (Note: Use Item 100B or 101A)	

SECTION 1 - FRAME

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
8F	See Note	NSS	O-Ring (Note: Use Item 100B or 101A)	
8H	See Note	NSS	Ring, Back-up (Note: Use Item 100B or 101A)	
8J	See Note	NSS	Rotor, Brake (Note: Use Item 101A)	
8K	See Note	NSS	Stator, Brake (Note: Use Item 101A)	
8L	See Note	NSS	Spring, Brake (Note: Use Item 101B)	
9	7024721	1	Shaft, Input	
11	7024723	1	Gear, Sun	
12	See Note	NSS	Plug (Note: Not Available - Purchase Locally)	
15	See Note	NSS	Plate, ID (Not Shown) (Note: Not Available for Purchase)	
16	7000281	4	Screw, Drive	
17	7024134	1	O-Ring	
18	See Note	NSS	O-Ring (Note: Use Item 100A)	
19	7017022	3	Screw, Countersunk 3/8in-16NC	
20	7024737	1	Ring, Retaining	
21	See Note	NSS	Plug (Note: Not Available - Purchase Locally)	
100		Ref	Seal Kit Options:	
100A	7024744	1	Hub Seal Kit (Includes Items 1B, 1F, 1G, 17, 18 & 19)	
100B	7024765	1	Brake Seal Kit (Includes Items 1G, 8C, 8D, 8E, 8F & 8H)	
101		Ref	Repair Kit Options:	
101A	7024764	1	Brake Lining Kit (Includes Items 1G, 8C, 8D, 8E, 8F, 8H, 8J & 8K)	
101B	7024766	1	Brake Spring Kit (Includes Items 1G, 8C & 8L)	

SECTION 1 - FRAME

FIGURE 1-8. DRIVE MOTOR ASSEMBLY



ART_3160350

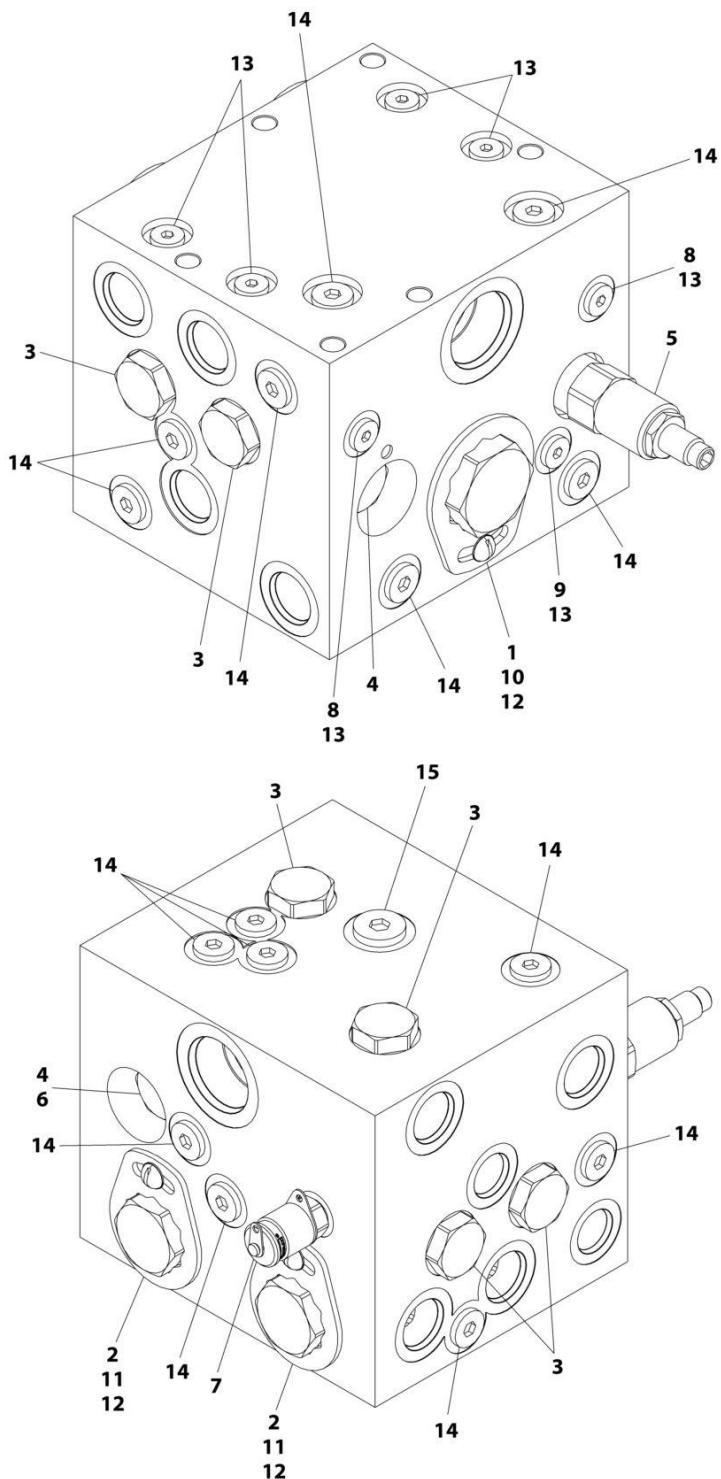
SECTION 1 - FRAME

FIGURE 1-8. DRIVE MOTOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3160350	Ref	DRIVE MOTOR ASSEMBLY	
1	7022302	2	Bearing, Journal	
2	7007446	1	Pin	
3	7007438	2	Ring, Retaining	
4	70000794	1	Swash Plate	
5	See Note	NSS	Pin (Note: Not Available for Purchase)	
6	See Note	NSS	Gasket (Note: Use Item 100)	
7	7027740	1	Cylinder Block Kit (Includes Items 9-17)	
8	7024862	1	Plate, Valve	
9	See Note	NSS	Block, Cylinder (Note: Use Item 7)	
10	See Note	NSS	Guide, Slipper Retainer (Note: Use Item 7)	
11	7021275	3	Pin, Slipper Hold Down	
12	7024865	9	Piston Assembly	
13	See Note	NSS	Retainer, Slipper (Note: Use Item 7)	
14	7022311	1	Ring, Retaining	
15	7024867	1	Spring	
16	7022313	1	Washer	
17	7022314	1	Retainer, Spring	
18	7023910	1	Shaft	
19	7007439	1	Ring, Retaining	
20	70000795	1	Cap, End - Axial	
21	7022368	5	Screw	
22	7021249	1	Bearing, Needle	
23	2220886	1	Plug (Includes Item 24)	
24	See Note	NSS	O-Ring (Note: Use Item 23 or 100)	
25	2220883	1	Plug (Includes Item 26)	
26	See Note	NSS	O-Ring (Note: Use Item 25 or 100)	
27	7027419	2	Plug (Includes Item 28)	
28	See Note	NSS	O-Ring (Note: Use Item 27 or 100)	
29	7022372	1	Seat, Spring	
30	See Note	NSS	Housing (Note: Not Available - Purchase Complete Drive Motor Assembly)	
31	2220883	2	Plug (Includes Item 32)	
32	See Note	NSS	O-Ring (Note: Use Item 31 or 100)	
33	2220886	1	Plug (Includes Item 34)	
34	See Note	NSS	O-Ring (Note: Use Item 33 or 100)	
35	See Note	NSS	O-Ring (Note: Use Item 100)	
36	See Note	NSS	Ring, Seal (Note: Use Item 100)	
37	7024871	1	Piston, Servo	
38	7007437	1	Bearing	
39	7022326	1	Spring	
40	See Note	NSS	Seal, Lip (Note: Use Item 100)	
41	7022371	1	Washer, Support	
100	7022328	1	Seal Kit (Includes Items 6, 24, 26, 28, 32, 34, 35, 36 & 40)	

SECTION 1 - FRAME

FIGURE 1-9. TRACTION VALVE ASSEMBLY



ART_1001187521

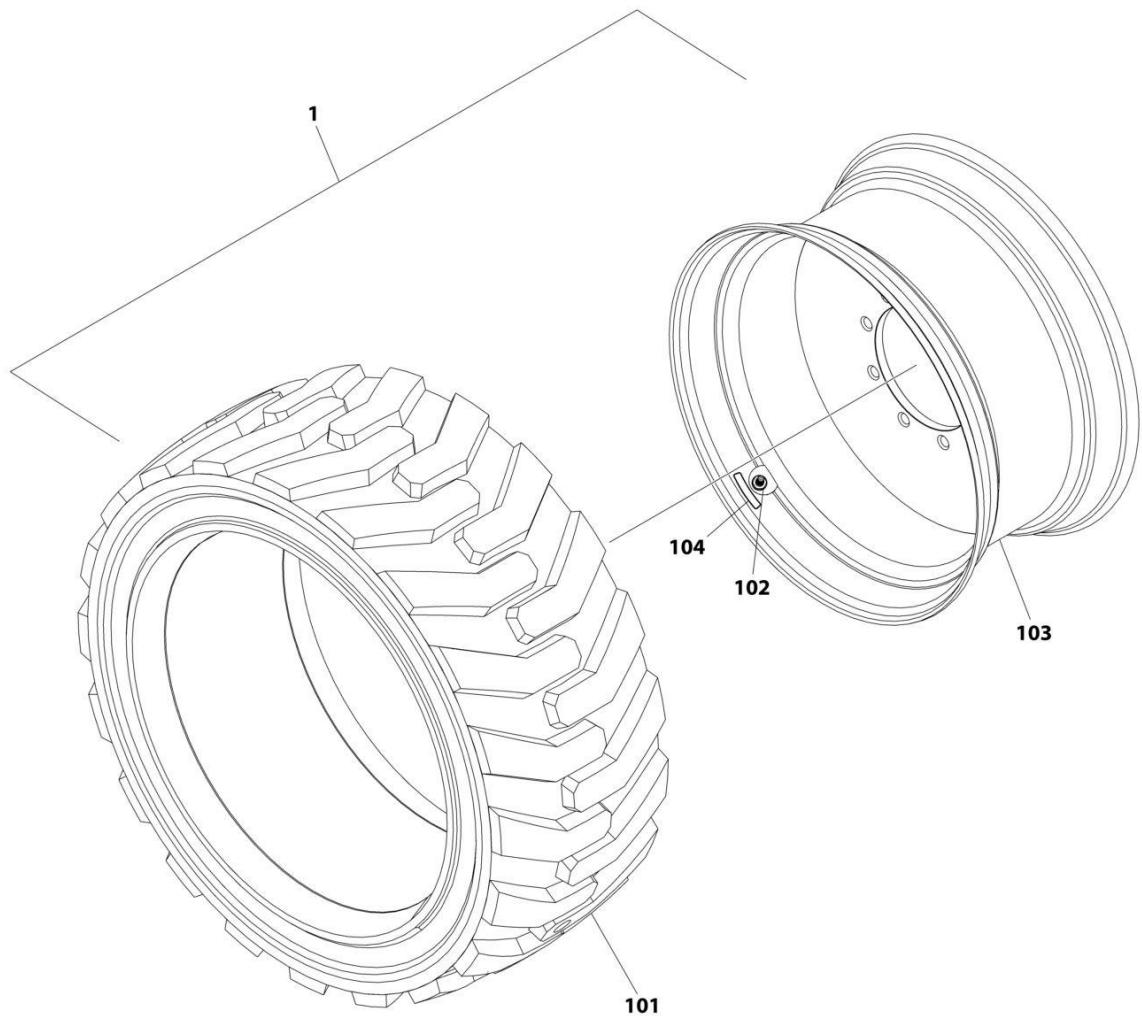
SECTION 1 - FRAME

FIGURE 1-9. TRACTION VALVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187521	Ref	TRACTION VALVE ASSEMBLY	
1	70005668	1	Valve, Flow Divider	
1	7021625	1	Seal Kit - 70005668 Valve	
2	70005669	2	Valve, Flow Divider	
2	70004577	2	Seal Kit - 70005669 Valve	
3	7022397	6	Valve, Check	
3	7022399	6	Seal Kit - 7022397 Valve	
4	7021639	2	Valve, Check	
4	2900756	2	Seal Kit - 7021639 Valve	
5	70005670	1	Valve, Relief	
5	7012998	1	Seal Kit - 70005670 Valve	
6	7024881	1	Piston	
7	2221086	1	Fitting, Test	
8	70003975	2	Orifice	
9	70002209	1	Orifice	
10	70000781	1	Lock Down Kit	
11	70002962	2	Lock Down Kit	
12	70004888	3	Screw	
13	2220883	7	Plug	
14	2220885	15	Plug	
15	2220886	1	Plug	

SECTION 1 - FRAME

FIGURE 1-10. TIRE & WHEEL INSTALLATION - IN355-55 D625 PNEUMATIC (AVAILABLE ON ALL SPECS EXCEPT AUSTRALIAN, CE & CHINA SPECS)



ART_1001223665

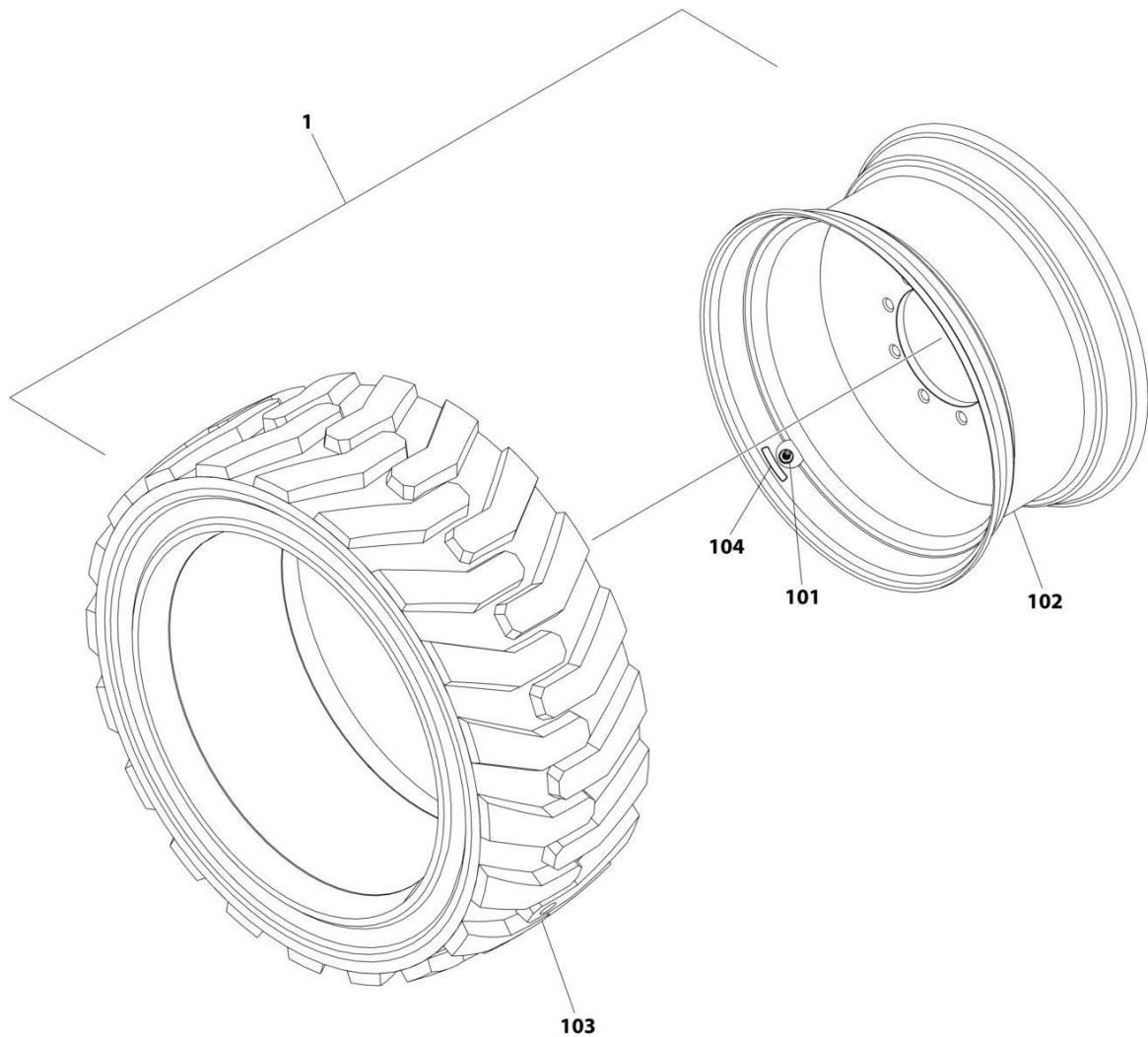
SECTION 1 - FRAME

FIGURE 1-10. TIRE & WHEEL INSTALLATION - IN355-55 D625 PNEUMATIC (AVAILABLE ON ALL SPECS EXCEPT AUSTRALIAN, CE & CHINA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001223665	Ref	TIRE & WHEEL INSTALLATION	A
1	1001223666	Ref	Tire and Wheel Assembly (LH Side)	B
1	1001223667	Ref	Tire and Wheel Assembly (RH Side)	B
101	4520288	4	Tire - IN355-55 D625	
102	4641122	4	Valve	
103	1001181797	4	Rim, Wheel	
104	1001223726	4	Decal - Tire Pressure	

SECTION 1 - FRAME

**FIGURE 1-11. TIRE & WHEEL INSTALLATION - IN355-55 D625 PNEUMATIC NON-MARKING
(AVAILABLE ON ALL SPECS EXCEPT AUSTRALIAN, CE & CHINA SPECS)**



ART_1001223668

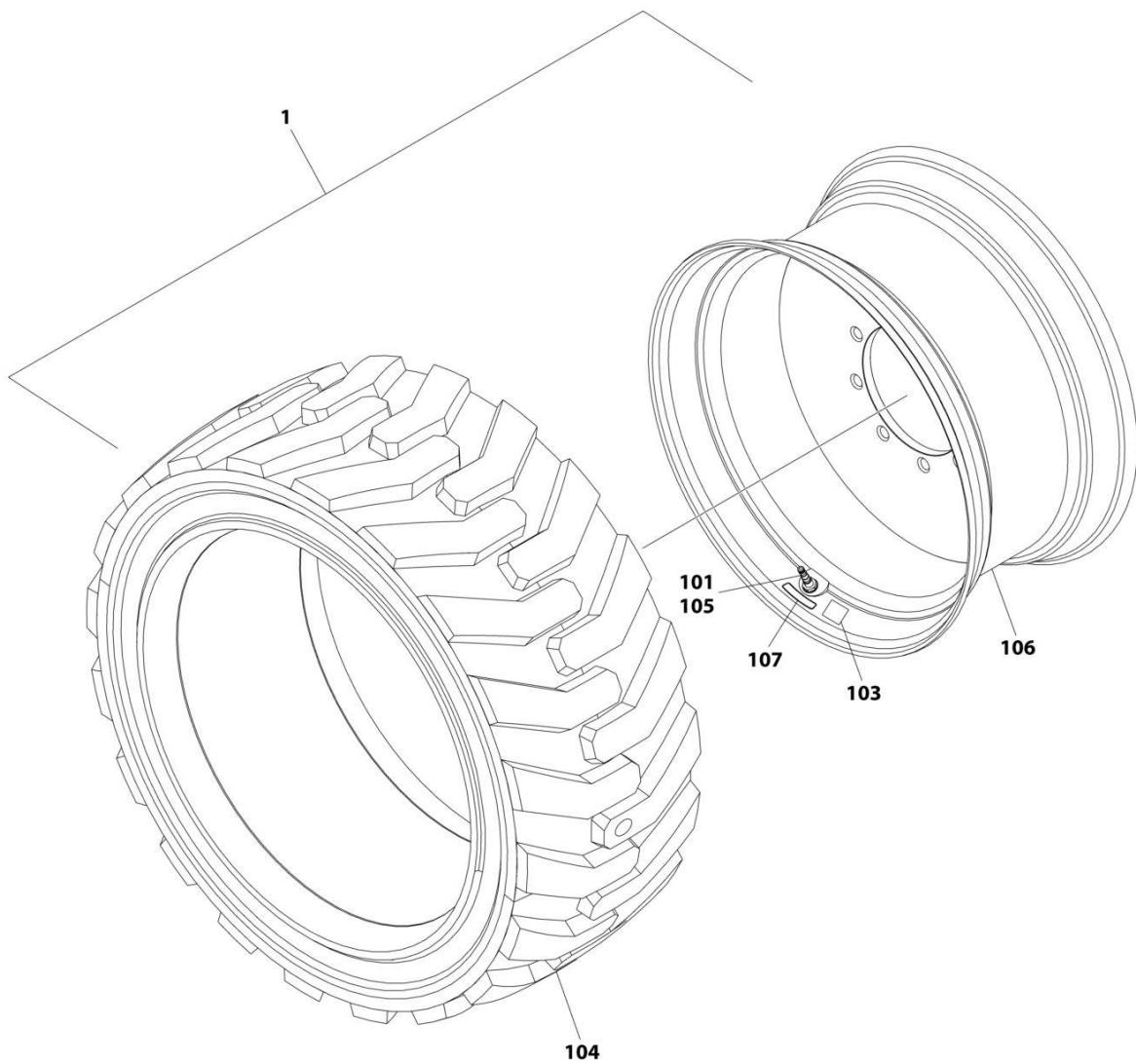
SECTION 1 - FRAME

**FIGURE 1-11. TIRE & WHEEL INSTALLATION - IN355-55 D625 PNEUMATIC NON-MARKING
(AVAILABLE ON ALL SPECS EXCEPT AUSTRALIAN, CE & CHINA SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001223668	Ref	TIRE & WHEEL INSTALLATION	A
1	1001223669	Ref	Tire and Wheel Assembly (LH Side)	B
1	1001223670	Ref	Tire and Wheel Assembly (RH Side)	B
101	4641122	4	Valve	
102	1001181797	4	Rim, Wheel	
103	1001184881	4	Tire - IN355-55 D625	
104	1001223726	4	Decal - Tire Pressure	

SECTION 1 - FRAME

**FIGURE 1-12. TIRE & WHEEL INSTALLATION - IN355-55 D625 PNEUMATIC WITH TIRE SEALANT
(AVAILABLE ON ALL SPECS EXCEPT AUSTRALIAN, CE & CHINA SPECS)**



ART_1001223751

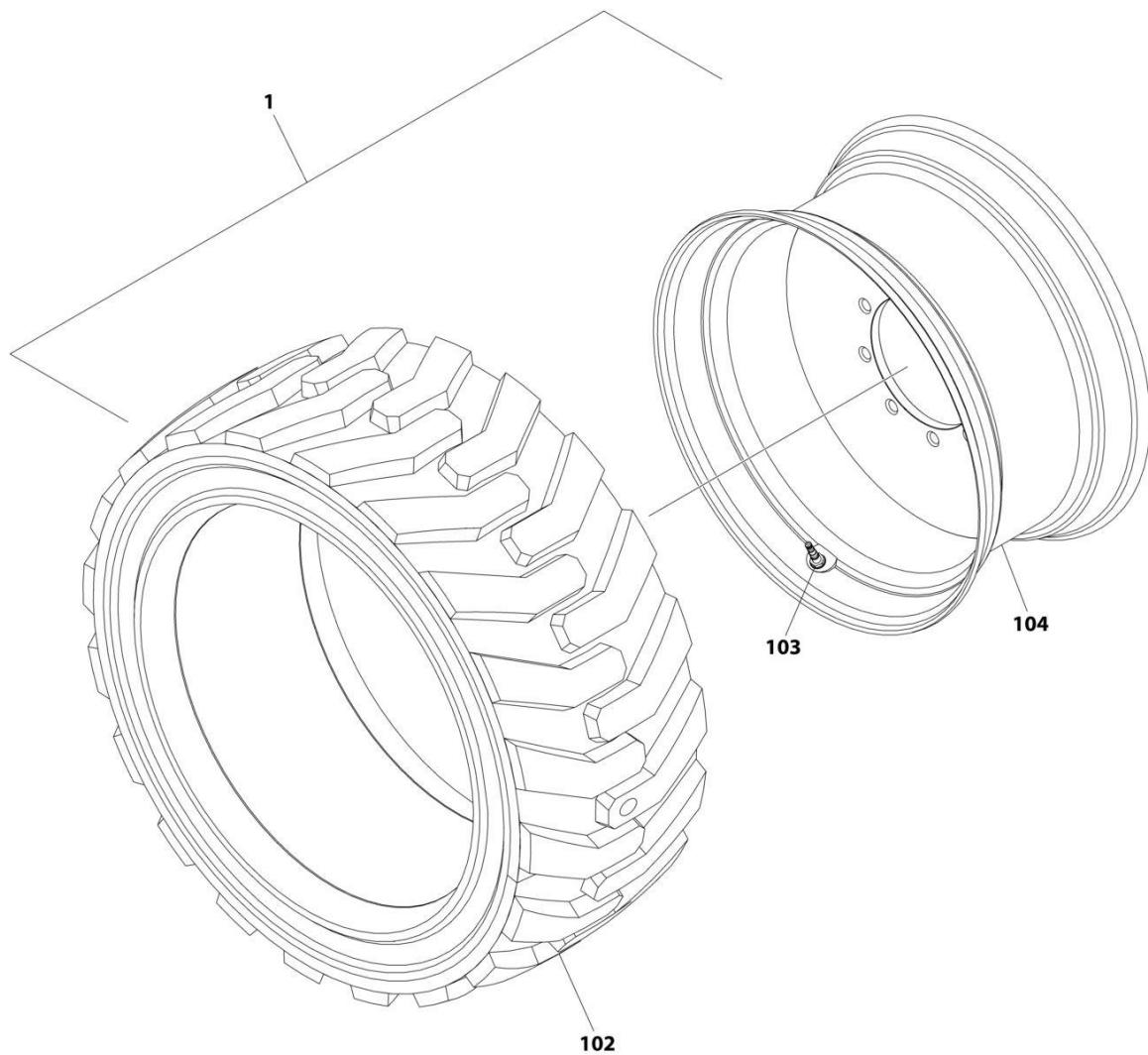
SECTION 1 - FRAME

**FIGURE 1-12. TIRE & WHEEL INSTALLATION - IN355-55 D625 PNEUMATIC WITH TIRE SEALANT
(AVAILABLE ON ALL SPECS EXCEPT AUSTRALIAN, CE & CHINA SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223751	Ref	TIRE & WHEEL INSTALLATION	A
		Ref	Note: Not Available on Shipyard Machines.	
1	1001223752	2	Tire and Wheel Assembly (LH Side)	B
1	1001223753	2	Tire and Wheel Assembly (RH Side)	B
101	1120552	4	Cap, Valve Stem (Green)	
103	1705364	4	Decal - Tire Sealant	
104	4520288	4	Tire - IN355-55 D625	
105	4641122	4	Valve, Air	
106	1001181797	4	Rim, Wheel	
107	1001223726	4	Decal - Tire Pressure	

SECTION 1 - FRAME

FIGURE 1-13. TIRE & WHEEL INSTALLATION - IN355-55 D625 FOAM FILLED (AVAILABLE ON ALL SPECS)



ART_1001185596

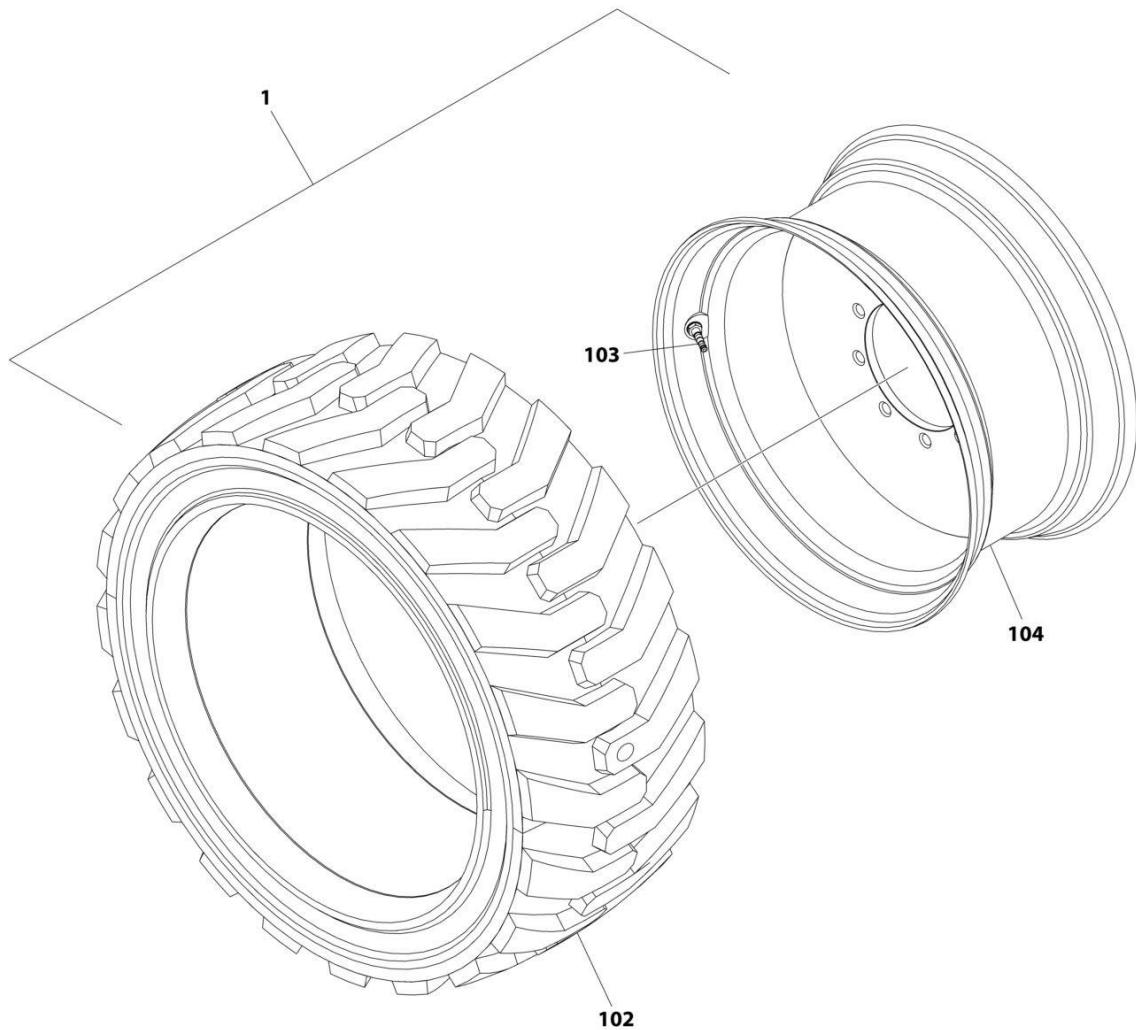
SECTION 1 - FRAME

FIGURE 1-13. TIRE & WHEEL INSTALLATION - IN355-55 D625 FOAM FILLED (AVAILABLE ON ALL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185596	Ref	TIRE & WHEEL INSTALLATION	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.	
		Ref	Note: Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly.	
1	1001181795	Ref	Tire and Wheel Assembly (LH Side)	D
1	1001181796	Ref	Tire and Wheel Assembly (RH Side)	D
102	4520288	4	Tire - IN355-55 D625	
103	4641122	4	Valve	
104	1001181797	4	Rim, Wheel	

SECTION 1 - FRAME

**FIGURE 1-14. TIRE & WHEEL INSTALLATION - IN355-55 D625 FOAM FILLED NON-MARKING
(AVAILABLE ON ALL SPECS)**



ART_1001185597

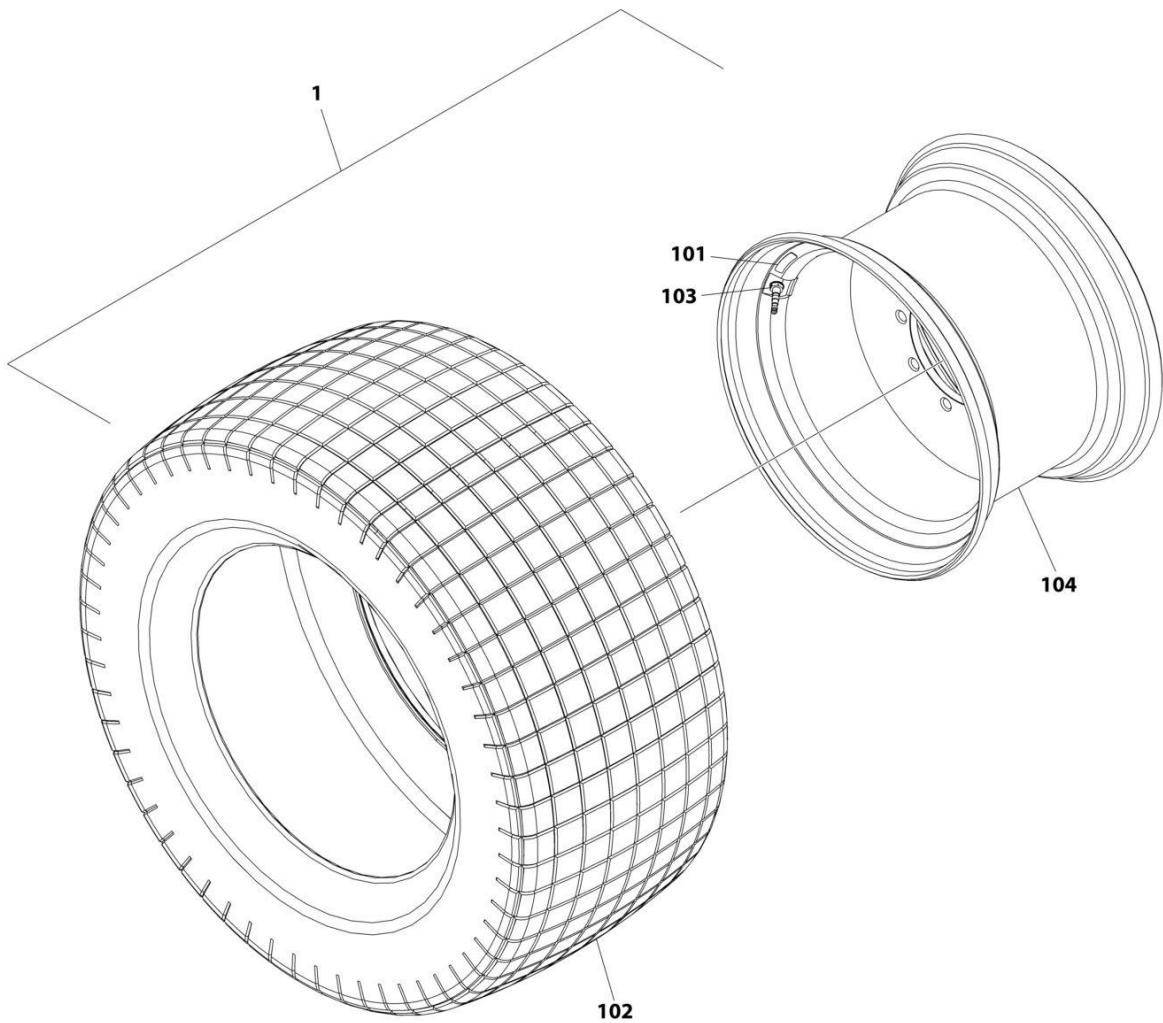
SECTION 1 - FRAME

**FIGURE 1-14. TIRE & WHEEL INSTALLATION - IN355-55 D625 FOAM FILLED NON-MARKING
(AVAILABLE ON ALL SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185597	Ref	TIRE & WHEEL INSTALLATION	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.	
		Ref	Note: Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly.	
1	1001184727	Ref	Tire and Wheel Assembly (RH Side)	E
1	1001184728	1	Tire and Wheel Assembly (LH Side)	E
102	1001184881	4	Tire - IN355-55 D625	
103	4641122	4	Valve	
104	1001181797	4	Rim, Wheel	

SECTION 1 - FRAME

**FIGURE 1-15. TIRE & WHEEL INSTALLATION - 41-18LL X 22.5 PNEUMATIC TURF & SAND
(AVAILABLE ON ALL SPECS EXCEPT AUSTRALIAN, CE & CHINA SPECS)**



ART_1001223671

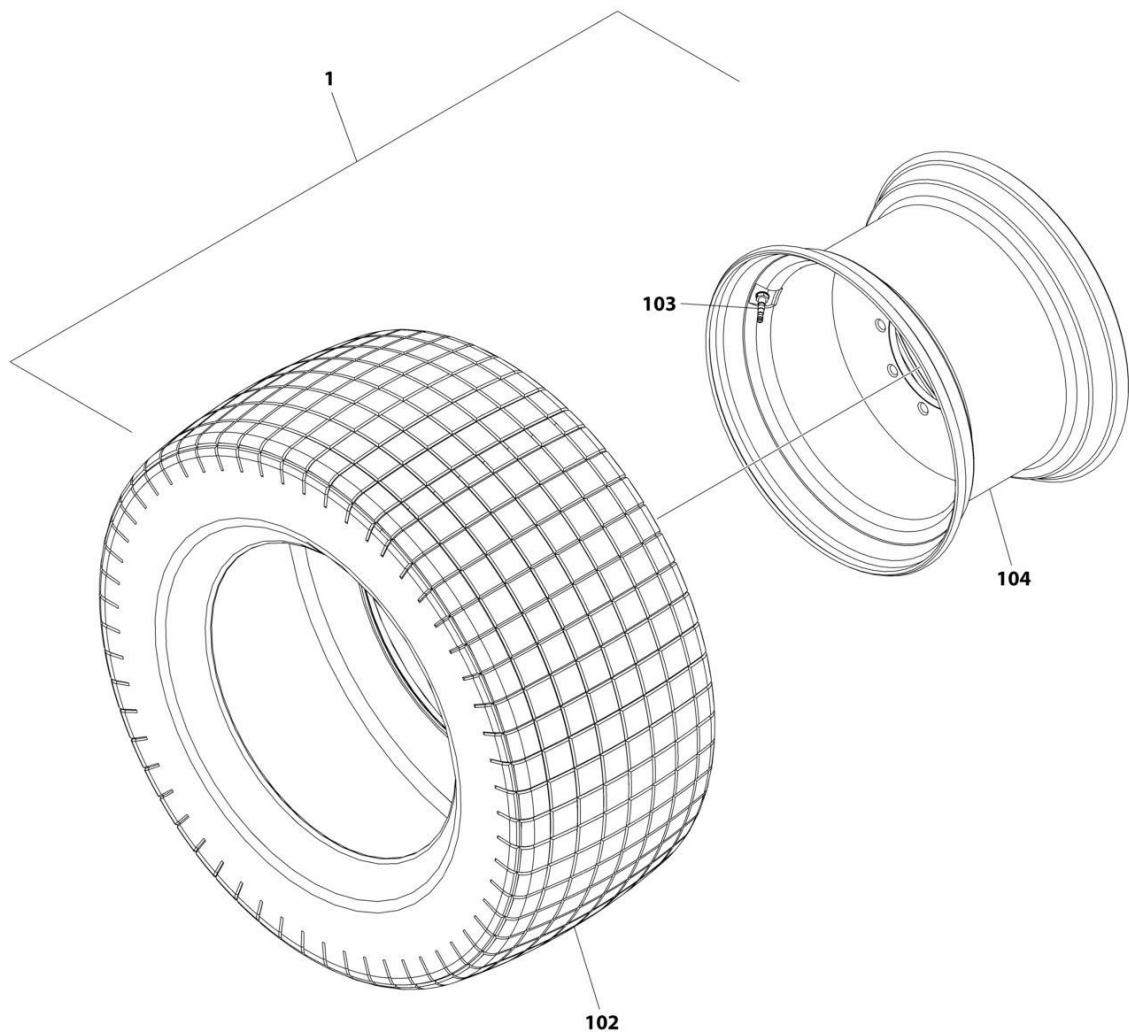
SECTION 1 - FRAME

**FIGURE 1-15. TIRE & WHEEL INSTALLATION - 41-18LL X 22.5 PNEUMATIC TURF & SAND
(AVAILABLE ON ALL SPECS EXCEPT AUSTRALIAN, CE & CHINA SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223671	Ref	TIRE AND WHEEL INSTALLATION	A
		Ref	Note: Not Available on Shipyard Machines.	
		Ref	Note: Turf/Sand Tires Required Additional Chassis Counterweight. See SPECIAL OPTIONS SECTION Before Installing this Option.	
1	1001223672	Ref	Tire and Wheel Assembly - Turf and Sand	A
101	1701643	4	Decal - Tire Pressure	
102	4520256	4	Tire - 41-18LL x 22.5	
103	4641122	4	Valve	
104	1001208017	4	Rim, Wheel	

SECTION 1 - FRAME

**FIGURE 1-16. TIRE & WHEEL INSTALLATION - 41-18LL X 22.5 FOAM FILLED TURF & SAND
(AVAILABLE ON ALL SPECS EXCEPT AUSTRALIAN & CE SPECS)**



ART_1001216195

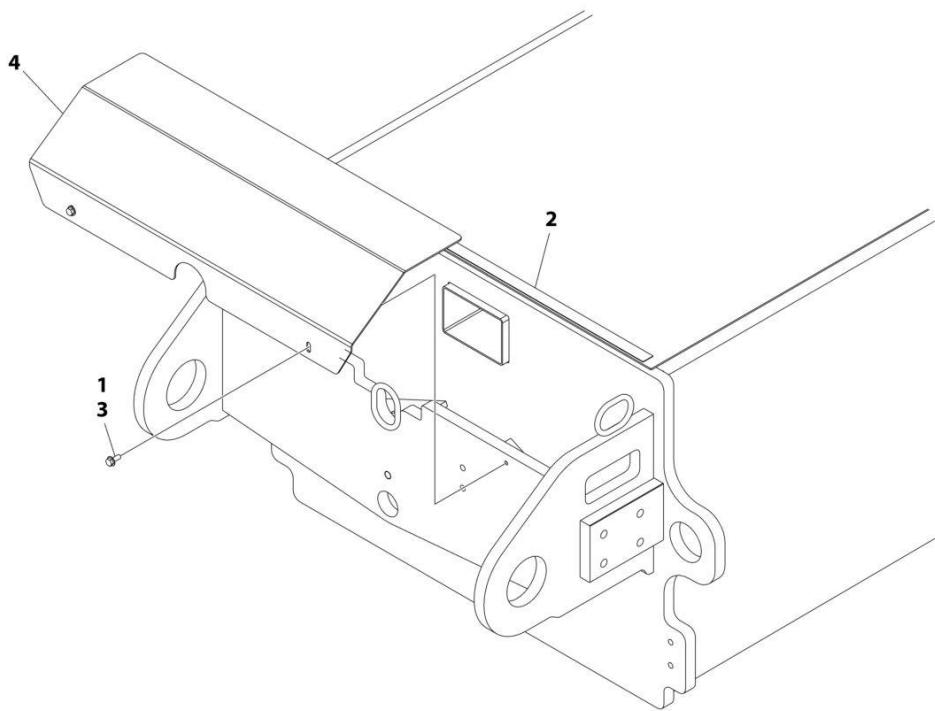
SECTION 1 - FRAME

**FIGURE 1-16. TIRE & WHEEL INSTALLATION - 41-18LL X 22.5 FOAM FILLED TURF & SAND
(AVAILABLE ON ALL SPECS EXCEPT AUSTRALIAN & CE SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216195	Ref	TIRE & WHEEL INSTALLATION	A
		Ref	Note: Not Available on Shipyard Machines.	
		Ref	Note: Turf/Sand Tires Required Additional Chassis Counterweight. See SPECIAL OPTIONS SECTION Before Installing this Option.	
		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.	
1	1001216196	Ref	Tire and Wheel Assembly - Turf and Sand	A
102	4520256	4	Tire - 41-18LL x 22.5	
103	4641122	4	Valve	
104	1001208017	4	Rim, Wheel	

SECTION 1 - FRAME

FIGURE 1-17. FRAME COVERS INSTALLATION - 2WS



ART_1001187864

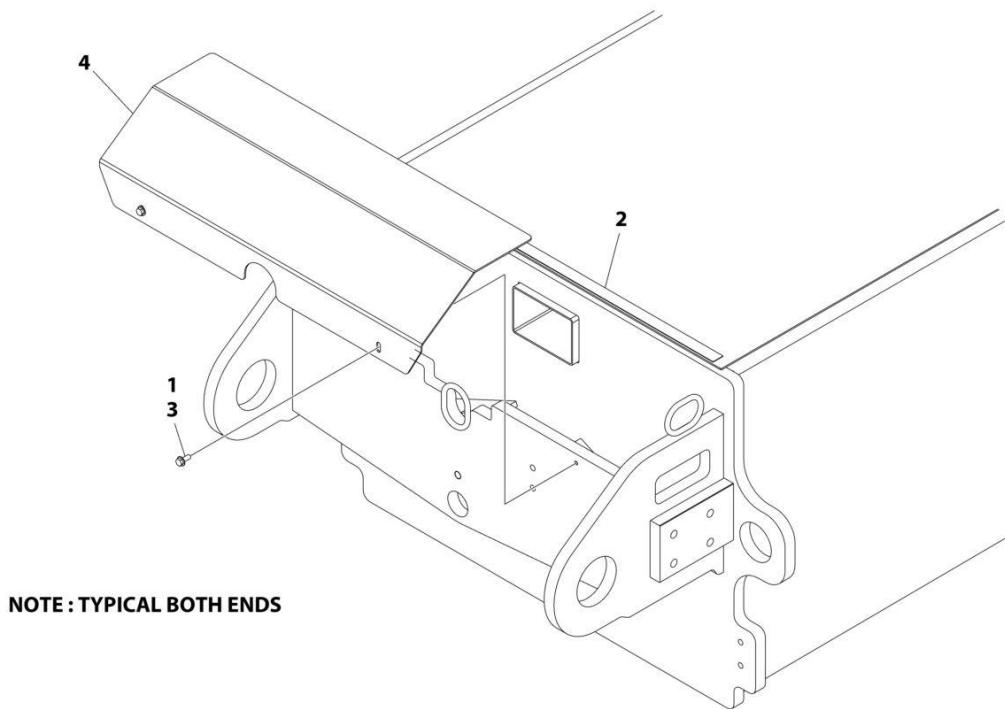
SECTION 1 - FRAME

FIGURE 1-17. FRAME COVERS INSTALLATION - 2WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001187864 0100011	Ref AR	FRAME COVERS INSTALLATION Compound, Locking	B
2	4280296	32 in/ 80cm	Tape	
3	5250810	2	Bolt M8 x 20	
4	1001187870	1	Cover	

SECTION 1 - FRAME

FIGURE 1-18. FRAME COVERS INSTALLATION - 4WS



ART_1001187866

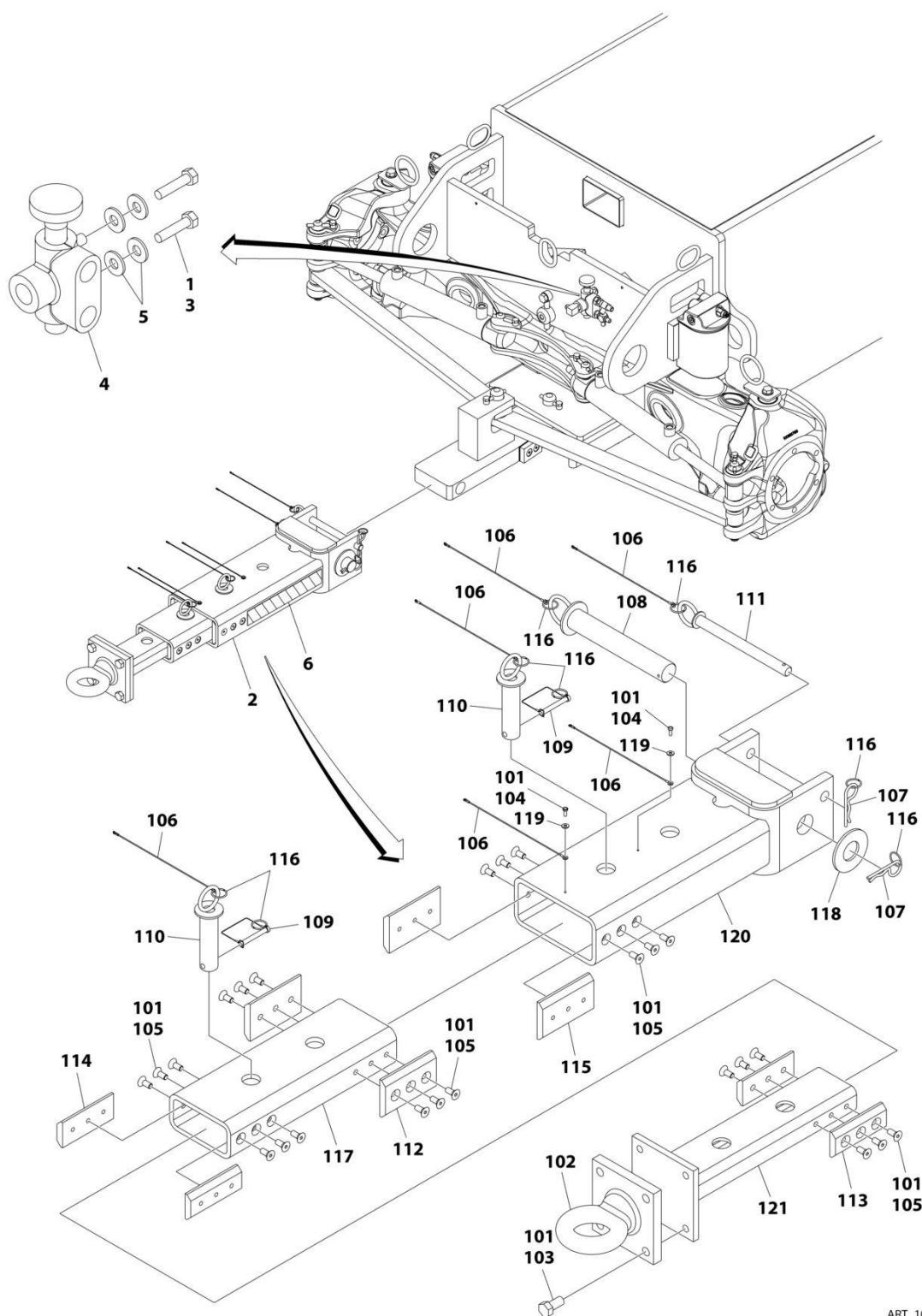
SECTION 1 - FRAME

FIGURE 1-18. FRAME COVERS INSTALLATION - 4WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187866	Ref	FRAME COVERS INSTALLATION	B
	1001187864	Ref	FRAME COVERS INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	4280296	64 in/ 160cm	Tape	
3	5250810	4	Bolt M8 x 20	
4	1001187870	2	Cover	

SECTION 1 - FRAME

FIGURE 1-19. TOW BAR INSTALLATION (OPTIONAL)



ART_1001188893

SECTION 1 - FRAME

FIGURE 1-19. TOW BAR INSTALLATION (OPTIONAL)

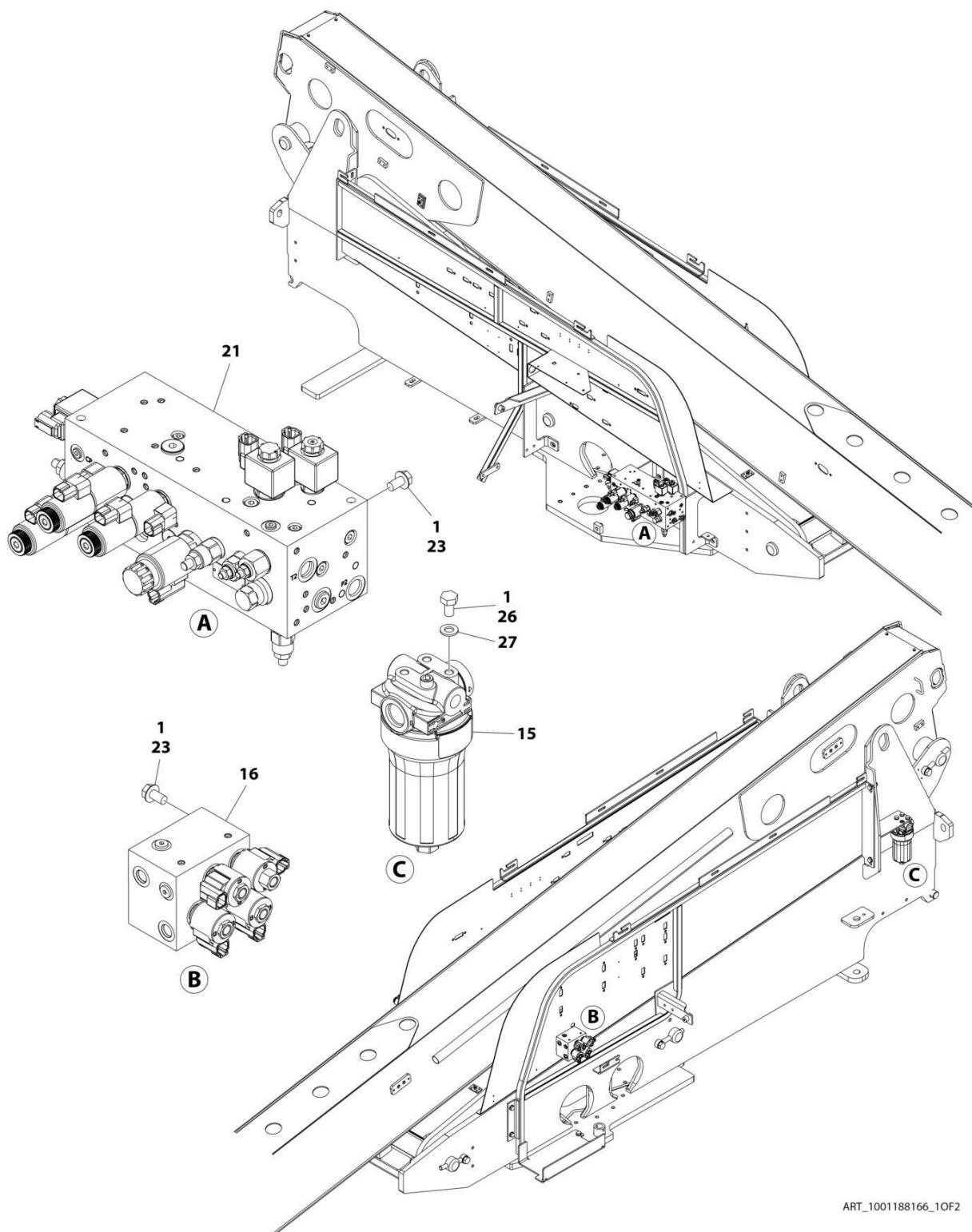
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188893	Ref	TOW BAR INSTALLATION	B
		Ref	USA Built Machines:	
	1001150571	Ref	ANSI Spec	D
	1001150570	Ref	CSA Spec	D
	1001150569	Ref	CE Spec	A
		Ref	China Built Machines:	
	1001150571	Ref	ANSI Export Spec	D
1	0100011	AR	Compound, Locking	
2	0270528	1	Tow Bar Assembly (See Items 101-121 for Breakdown)	
3	0641511	2	Bolt 5/6 x 1-3/8	
4	4640261	1	Valve, Select	
5	4751500	4	Washer 5/16	
6	4420051	2 ft/.61m	Tape, Safety	
	0270528	Ref	Tow Bar Assembly	A
101	0100011	AR	Compound, Locking	
102	0362910	1	Pintle, Draw Eye	
103	0642010	4	Bolt 5/8 x 1-1/4	
104	0721004	2	Screw	
105	0741607	24	Screw 3/8 x 7/8	
106	1060584	6	Lanyard	
107	3420372	2	Pin, Cotter	
108	3420447	1	Pin	
109	3421565	2	Snap - Pin	
110	3422841	2	Pin	
111	3422847	1	Pin	
112	3572009	2	Plate, Slide Stop	
113	3572010	2	Plate, Slide Stop	
114	3572011	2	Plate, Slide Stop	
115	3572012	2	Plate, Slide Stop	
116	3760170	8	Ring, Split	
117	4568133	1	Tube, Tow Bar	
118	4740036	1	Washer	
119	4751000	2	Washer #10	
120	4846295	1	Tube, Tow Bar Attach	
121	4846296	1	Tube, Pintle Attach	

SECTION 2 - TURNTABLE

SECTION 2 - TURNTABLE

SECTION 2 - TURNTABLE

FIGURE 2-1. VALVE INSTALLATION - 600S WITH 2WS



ART_1001188166_1OF2

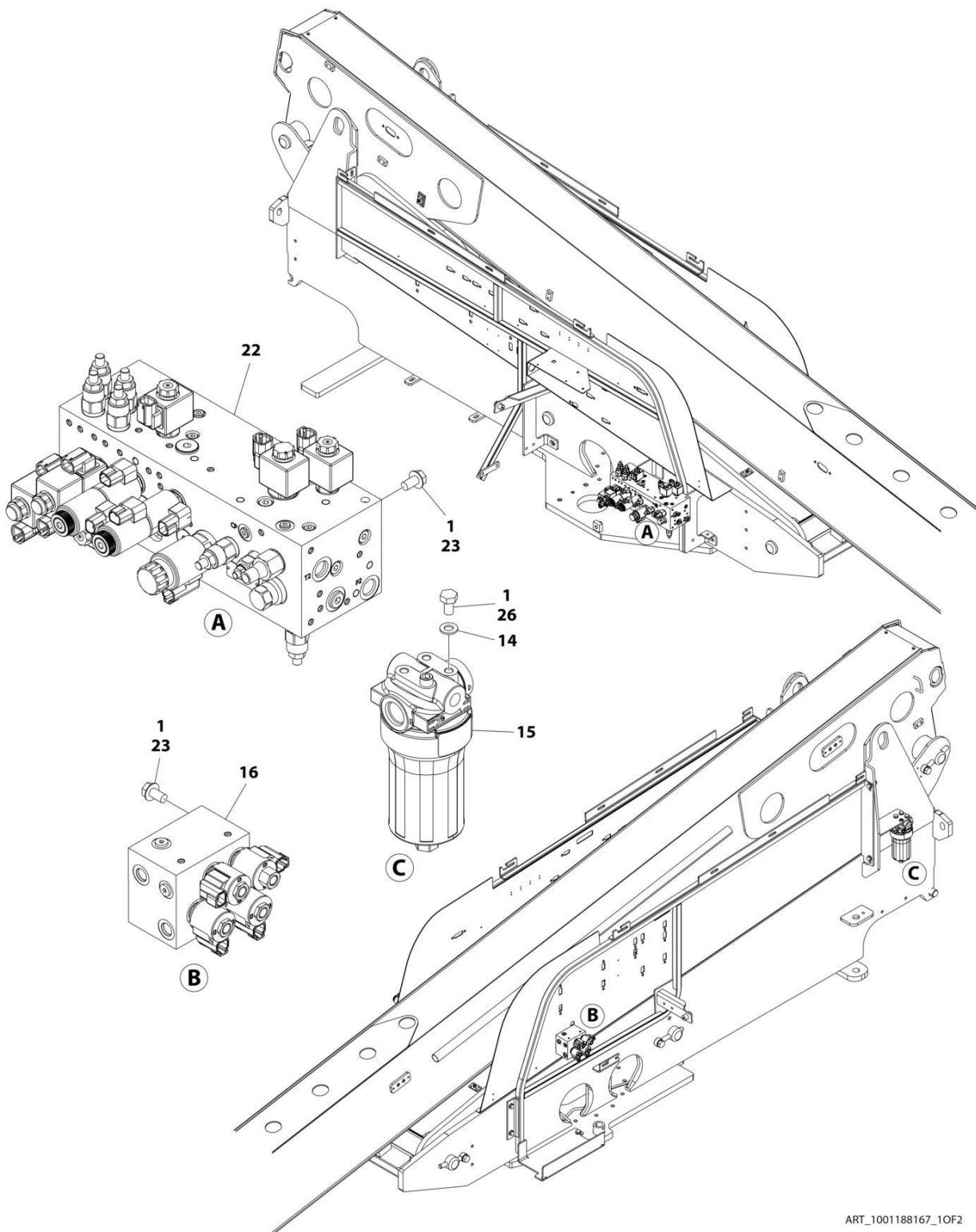
SECTION 2 - TURNTABLE

FIGURE 2-1. VALVE INSTALLATION - 600S WITH 2WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001188166	Ref	VALVE INSTALLATION	
1	0100011	AR	Compound, Locking	G
15	1001208874	1	Filter, Hydraulic	
15	70010383	1	Element, Filter	
16	1001162538	1	Axle Valve Assembly (See Separate Breakdown in this Section)	
21	1001190169	1	Main Valve Assembly (See Separate Breakdown in this Section)	
23	5251009	6	Bolt M10 x 18	
26	0761009	3	Bolt M10 x 18	
27	4812000	3	Washer M10	

SECTION 2 - TURNTABLE

FIGURE 2-2. VALVE INSTALLATION - 600S WITH 4WS



ART_1001188167_1OF2

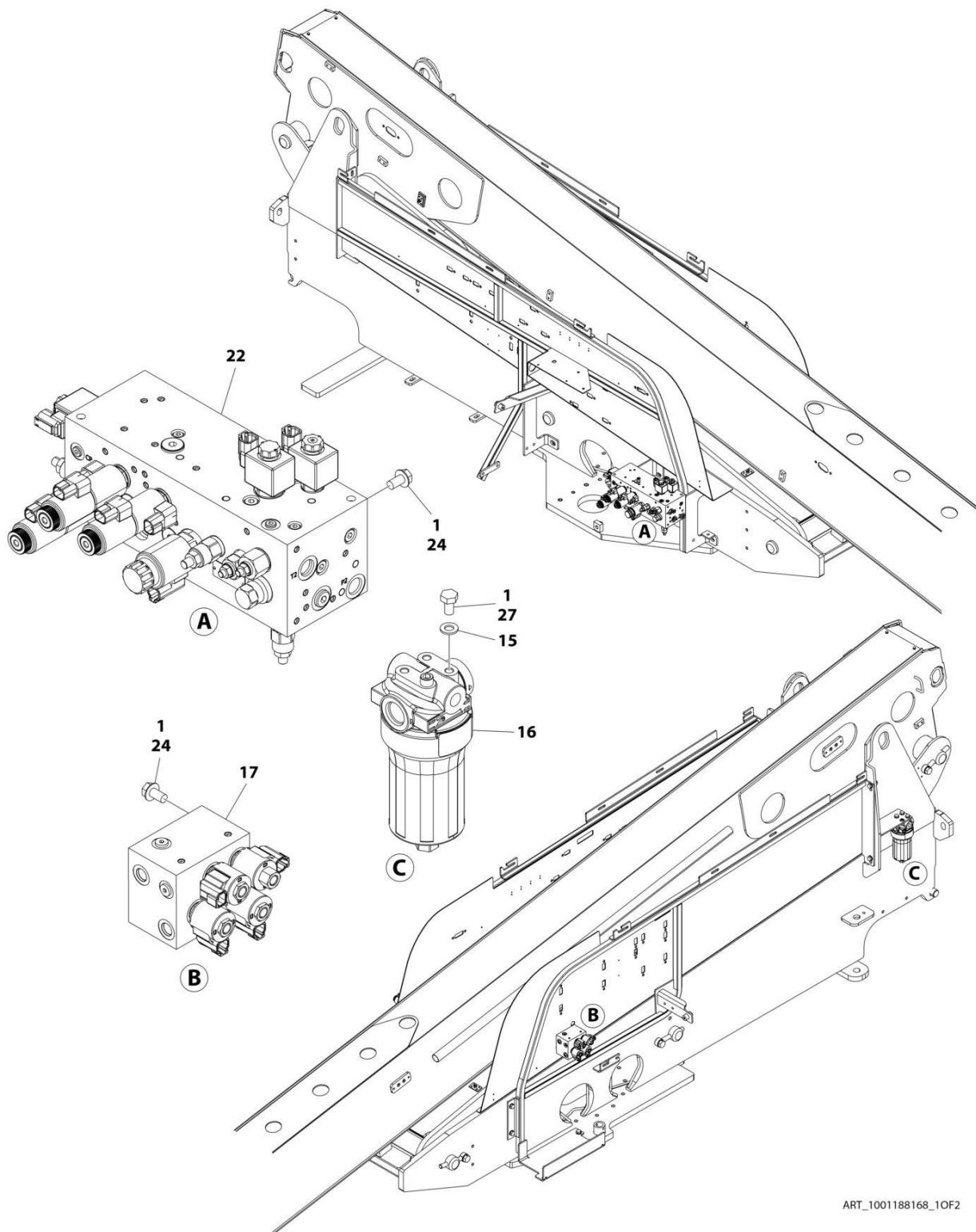
SECTION 2 - TURNTABLE

FIGURE 2-2. VALVE INSTALLATION - 600S WITH 4WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001188167	Ref	VALVE INSTALLATION	G
14	0100011	AR	Compound, Locking	
14	4812000	3	Washer M10	
15	1001208874	1	Filter, Hydraulic	
15	70010383	1	Element, Filter	
16	1001162538	1	Axle Valve Assembly (See Separate Breakdown in this Section)	
22	1001190326	1	Main Valve Assembly (See Separate Breakdown in this section)	
23	5251009	6	Bolt M10 x 18	
26	0761009	3	Bolt M10 x 18	

SECTION 2 - TURNTABLE

FIGURE 2-3. VALVE INSTALLATION - 660SJ WITH 2WS



ART_1001188168_1OF2

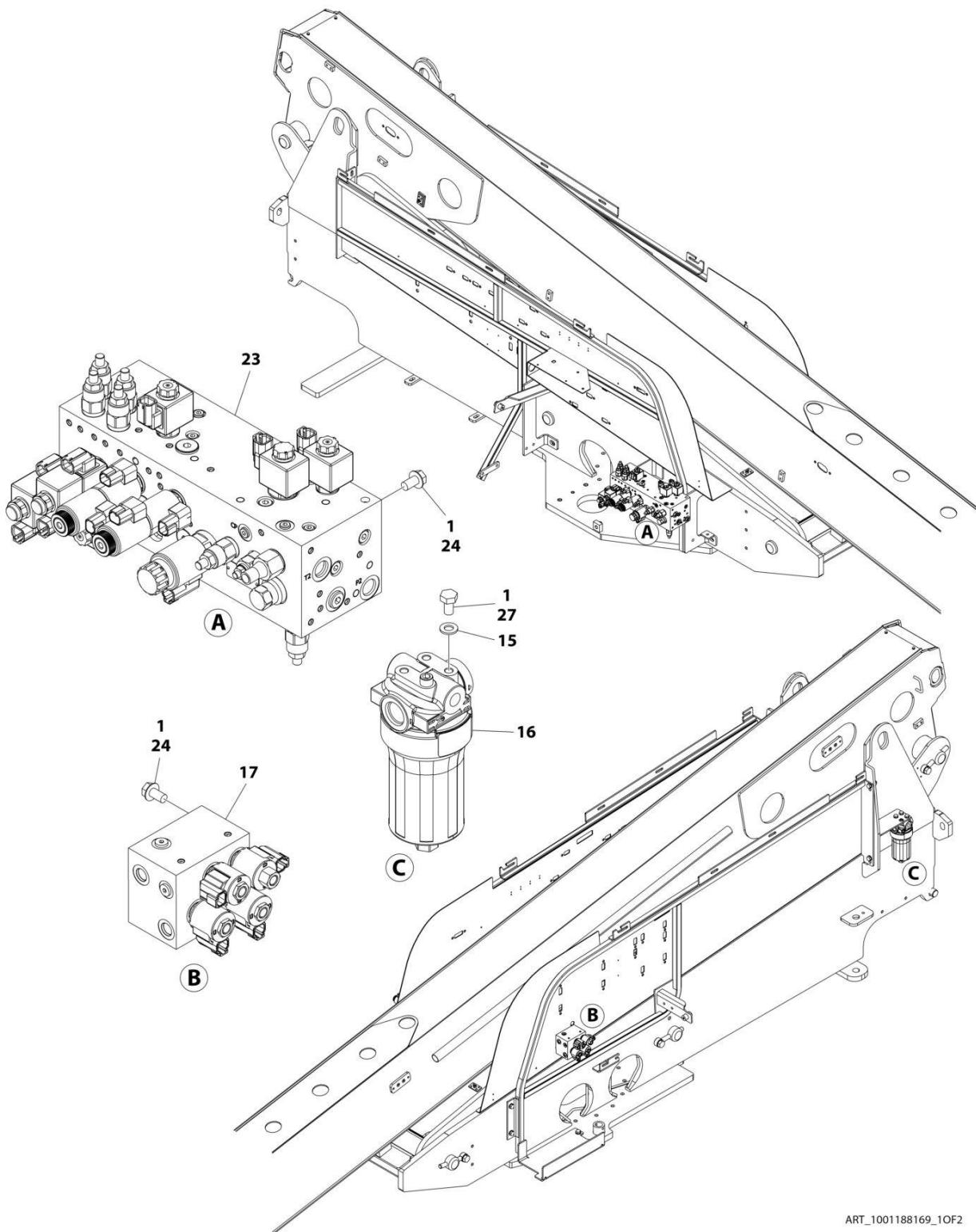
SECTION 2 - TURNTABLE

FIGURE 2-3. VALVE INSTALLATION - 660SJ WITH 2WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001188168	Ref	VALVE INSTALLATION	G
15	0100011	AR	Compound, Locking	
16	4812000	3	Washer M10	
16	1001208874	1	Filter, Hydraulic	
16	70010383	1	Element, Filter	
17	1001162538	1	Axle Valve Assembly (See Separate Breakdown in this Section)	
22	1001190169	1	Main Valve Assembly (See Separate Breakdown in this Section)	
24	5251009	6	Bolt M10 x 18	
27	0761009	3	Bolt M10 x 18	

SECTION 2 - TURNTABLE

FIGURE 2-4. VALVE INSTALLATION - 660SJ WITH 4WS



ART_1001188169_1OF2

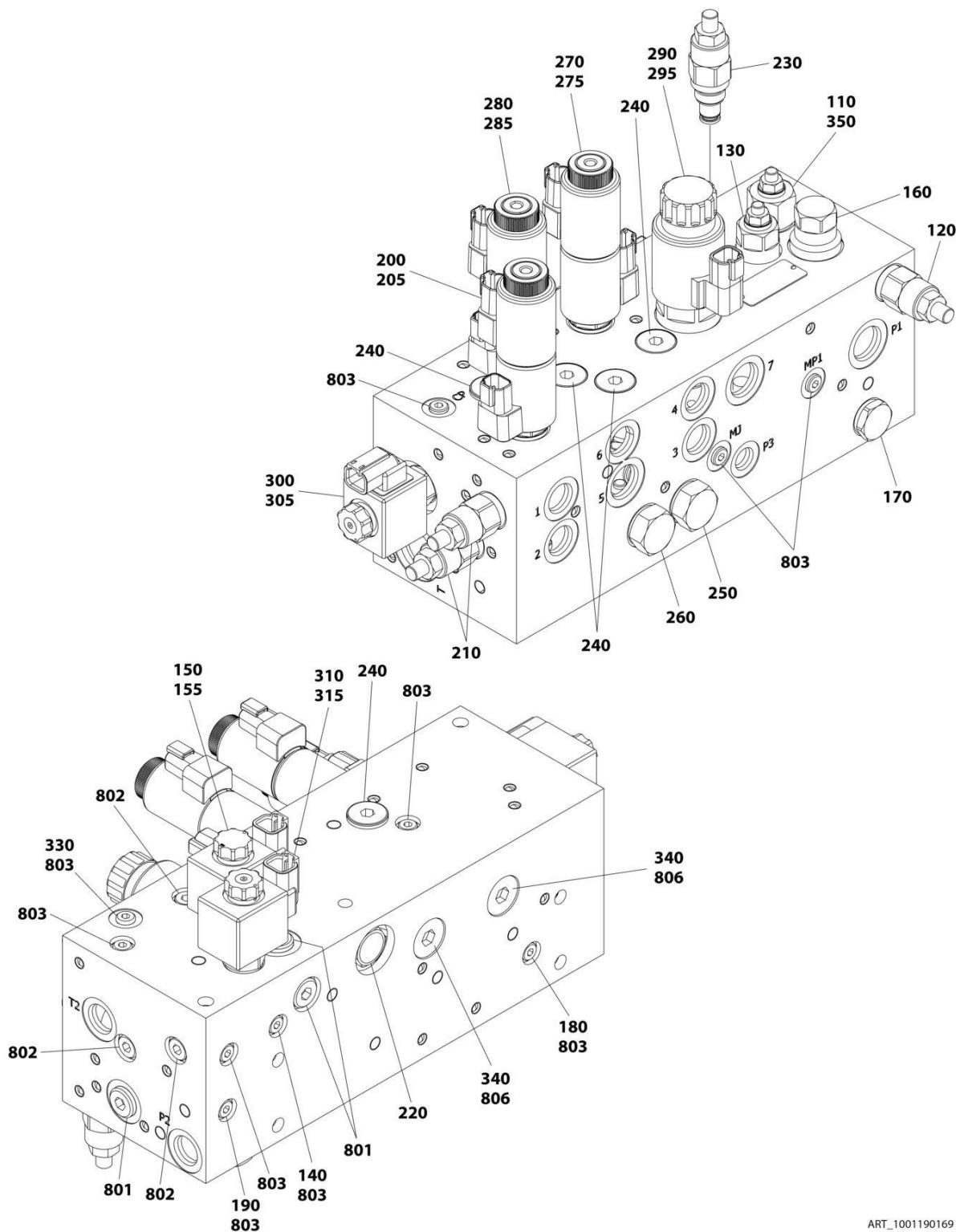
SECTION 2 - TURNTABLE

FIGURE 2-4. VALVE INSTALLATION - 660SJ WITH 4WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001188169	Ref	VALVE INSTALLATION	G
15	0100011	AR	Compound, Locking	
16	4812000	3	Washer M10	
16	1001208874	1	Filter, Hydraulic	
16	70010383	1	Element, Filter	
17	1001162538	1	Axle Valve Assembly (See Separate Breakdown in this Section)	
23	1001190326	1	Main Valve Assembly (See Separate Breakdown in this Section)	
24	5251009	6	Bolt M10 x 18	
27	0761009	3	Bolt M10 x 18	

SECTION 2 - TURNTABLE

FIGURE 2-5. MAIN VALVE ASSEMBLY - 2WS



ART_1001190169

SECTION 2 - TURNTABLE

FIGURE 2-5. MAIN VALVE ASSEMBLY - 2WS

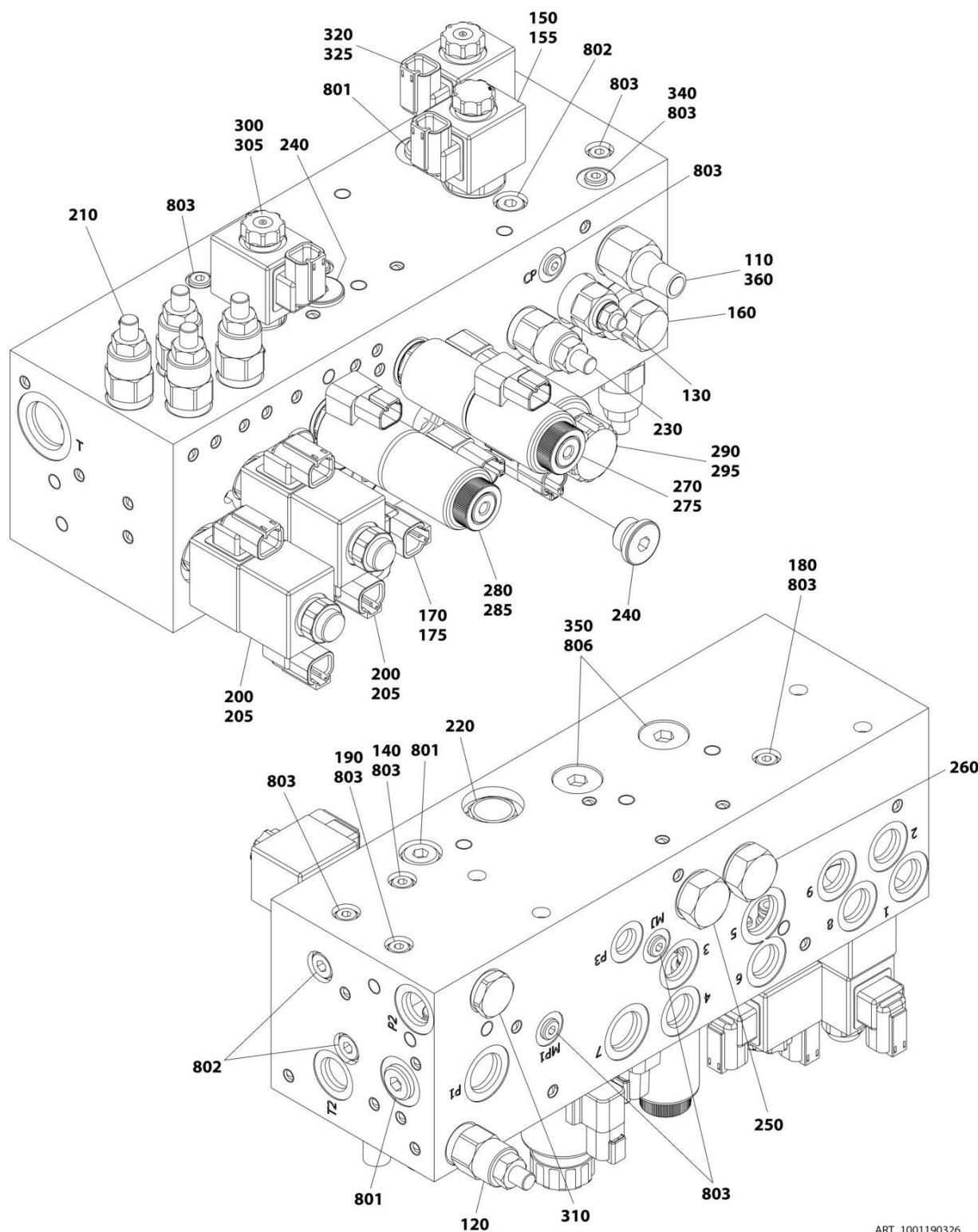
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190169	Ref	MAIN VALVE ASSEMBLY	
110	70006109	1	Valve, Flow/Pressure Control	
110	70004656	1	Seal Kit - 70006109 Valve	
120	70003019	1	Valve, Relief	
120	70004052	1	Seal Kit - 70003019 Valve	
130	70004607	1	Valve, Relief	
130	70004602	1	Seal Kit - 70004607 Valve	
140	70004668	1	Orifice	
150	70006111	1	Valve, Solenoid Without Coil	
150	70004584	1	Seal Kit - 70006111 Valve	
150	70004051	1	Coil Nut & Pole Tube O-Ring Kit	
155	70004653	1	Coil	
160	70006112	1	Valve, Load Sense	
160	70006113	1	Seal Kit - 70006112 Valve	
170	70005952	1	Valve, Check	
170	70004052	1	Seal Kit - 70005952 Valve	
180	7022527	1	Orifice 2mm	
190	7022527	1	Orifice 2mm	
200	70004659	1	Valve, Solenoid Without Coil (Steer)	
200	70004660	1	Seal Kit	
200	70004661	1	Nut, Coil	
200	70024457	1	O-Ring at Coil Nut	
200	70004662	1	O-Ring at Bottom of Pole Tube	
205	80434249	2	Coil	
210	70003019	2	Valve, Relief	
210	70004052	2	Seal Kit - 70003019 Valve	
220	70003027	1	Valve, Flow/Pressure Control	
220	70004052	1	Seal Kit - 70003027 Valve	
230	70003019	1	Valve, Relief	
230	70004052	1	Seal Kit - 70003019 Valve	
240	70023859	5	Valve, Relief	
240	70023860	5	Seal Kit - 70023859 Valve	
250	70006114	1	Valve, Pressure Compensator	
250	70004656	1	Seal Kit - 70006114 Valve	
260	70006114	1	Valve, Pressure Compensator	
260	70004656	1	Seal Kit - 70006114 Valve	
270	70006115	1	Valve, Solenoid Without Coil (Swing)	
270	70006116	1	Seal Kit - 70006115 Valve	
270	70004661	1	Nut, Coil	
270	70024457	1	O-Ring at Coil Nut	
270	70004662	1	O-Ring at Bottom of Pole Tube	
275	80434249	2	Coil	
280	70006117	1	Valve, Solenoid Without Coil (Tele)	
280	70006116	1	Seal Kit - 70006117 Valve	
280	70004661	1	Nut, Coil	
280	70024457	1	O-Ring at Coil Nut	
280	70004662	1	O-Ring at Bottom of Pole Tube	
285	80434249	2	Coil	
290	70004657	1	Valve, Solenoid (Lift)	
290	70004594	1	Seal Kit - 70004657 Valve	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
290	70004597	1	Nut, Coil	
290	70004596	1	O-Ring at Coil Nut	
295	70004595	1	Coil	
300	70004598	1	Valve, Solenoid (Lift)	
300	70004055	1	Seal Kit - 70004598 Valve	
300	70005947	1	Coil Nut & Pole Tube O-Ring Kit	
305	70004653	1	Coil	
310	70006118	1	Valve, Solenoid (Lift)	
310	70004052	1	Seal Kit - 70006118 Valve	
310	70004051	1	Coil Nut & Pole Tube O-Ring Kit	
315	70004653	1	Coil	
330	7023821	1	Orifice 0.8mm	
340	70006119	2	Valve, Check	
350	70006357	1	Orifice 4mm	
801	70002759	3	Plug	
802	70004617	3	Plug	
803	70002758	10	Plug	
806	70006120	2	Plug	

SECTION 2 - TURNTABLE

FIGURE 2-6. MAIN VALVE ASSEMBLY - 4WS



ART_1001190326

SECTION 2 - TURNTABLE

FIGURE 2-6. MAIN VALVE ASSEMBLY - 4WS

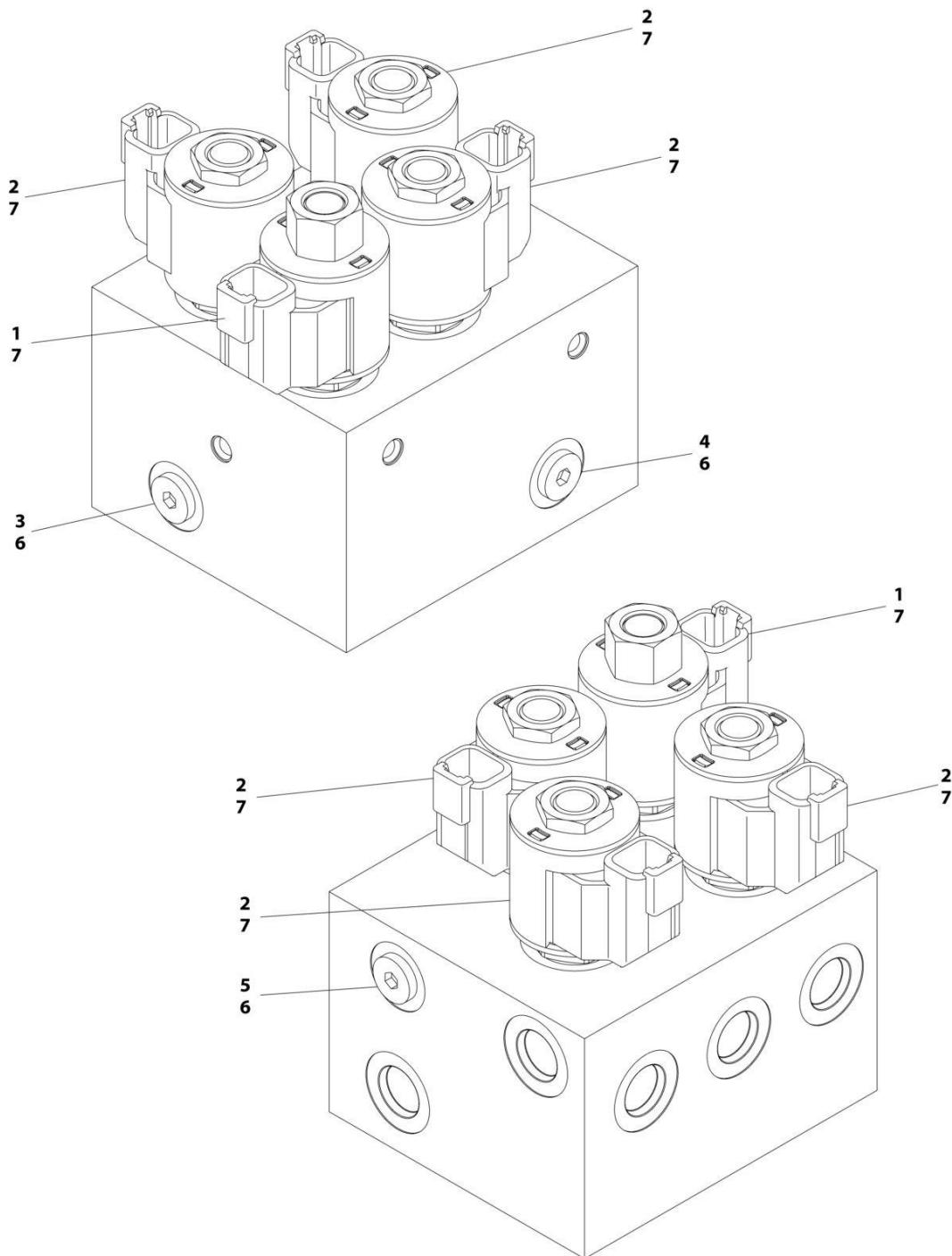
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190326	Ref	MAIN VALVE ASSEMBLY	
110	70006109	1	Valve, Flow/Pressure Control	
110	70004656	1	Seal Kit - 70006109 Valve	
120	70003019	1	Valve, Relief	
120	70004052	1	Seal Kit - 70003019 Valve	
130	70004607	1	Valve, Relief	
130	70004602	1	Seal Kit - 70004607 Valve	
140	70004668	1	Orifice	
150	70006111	1	Valve, Solenoid without Coil	
150	70004584	1	Seal Kit - 70006111 Valve	
150	70004051	1	Coil Nut & Pole Tube O-Ring Kit	
155	70004653	1	Coil	
160	70006112	1	Valve, Load Sense	
160	70006113	1	Seal Kit - 70006112 Valve	
170	70006128	1	Valve, Solenoid without Coil	
170	70004055	1	Seal Kit - 70006128 Valve	
170	70005947	1	Coil Nut & Pole Tube O-Ring Kit	
175	70004653	1	Coil	
180	7022527	1	Orifice 2mm	
190	7022527	1	Orifice 2mm	
200	70006124	2	Valve, Solenoid without Coil	
200	70004053	2	Seal Kit - 70006124 Valve	
200	70006123	2	Coil Nut & Pole Tube O-Ring Kit	
205	70004653	4	Coil	
210	70003019	4	Valve, Relief	
210	70004052	4	Seal Kit - 70003019 Valve	
220	70003027	1	Valve, Flow/Pressure Control	
220	70004052	1	Seal Kit - 70003027 Valve	
230	70003019	1	Valve, Relief	
230	70004052	1	Seal Kit - 70003019 Valve	
240	70023859	5	Valve, Relief	
240	70023860	5	Seal Kit - 70023859 Valve	
250	70006114	1	Valve, Pressure Compensator	
250	70004656	1	Seal Kit - 70006114 Valve	
260	70006114	1	Valve, Pressure Compensator	
260	70004656	1	Seal Kit - 70006114 Valve	
270	70006115	1	Valve, Solenoid without Coil (Swing)	
270	70006116	1	Seal Kit - 70006115 Valve	
270	70004661	1	Nut, Coil	
270	70024457	1	O-Ring at Coil Nut	
270	70004662	1	O-Ring at Bottom of Pole Tube	
275	80434249	2	Coil	
280	70006117	1	Valve, Solenoid without Coil (Tele)	
280	70006116	1	Seal Kit - 70006117 Valve	
280	70004661	1	Nut, Coil	
280	70024457	1	O-Ring at Coil Nut	
280	70004662	1	O-Ring at Bottom of Pole Tube	
285	80434249	2	Coil	
290	70004657	1	Valve, Solenoid (Lift)	
290	70004594	1	Seal Kit - 70004657 Valve	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
290	70004597	1	Nut, Coil	
290	70004596	1	O-Ring at Coil Nut	
295	70004595	1	Coil	
300	70004598	1	Valve, Solenoid (Lift)	
300	70004055	1	Seal Kit - 70004598 Valve	
300	70005947	1	Coil Nut & Pole Tube O-Ring Kit	
305	70004653	1	Coil	
310	70005952	1	Valve, Check	
310	70004052	1	Seal Kit - 70005952 Valve	
320	70006118	1	Valve, Solenoid (Lift)	
320	70004052	1	Seal Kit - 70006118 Valve	
320	70004051	1	Coil Nut & Pole Tube O-Ring Kit	
325	70004653	1	Coil	
340	7023821	1	Orifice .8mm	
350	70006119	2	Valve, Check	
360	70006357	1	Orifice 4mm	
801	70002759	3	Plug	
802	70004617	3	Plug	
803	70002758	11	Plug	
806	70006120	2	Plug	

SECTION 2 - TURNTABLE

FIGURE 2-7. AXLE VALVE ASSEMBLY



ART_1001162538

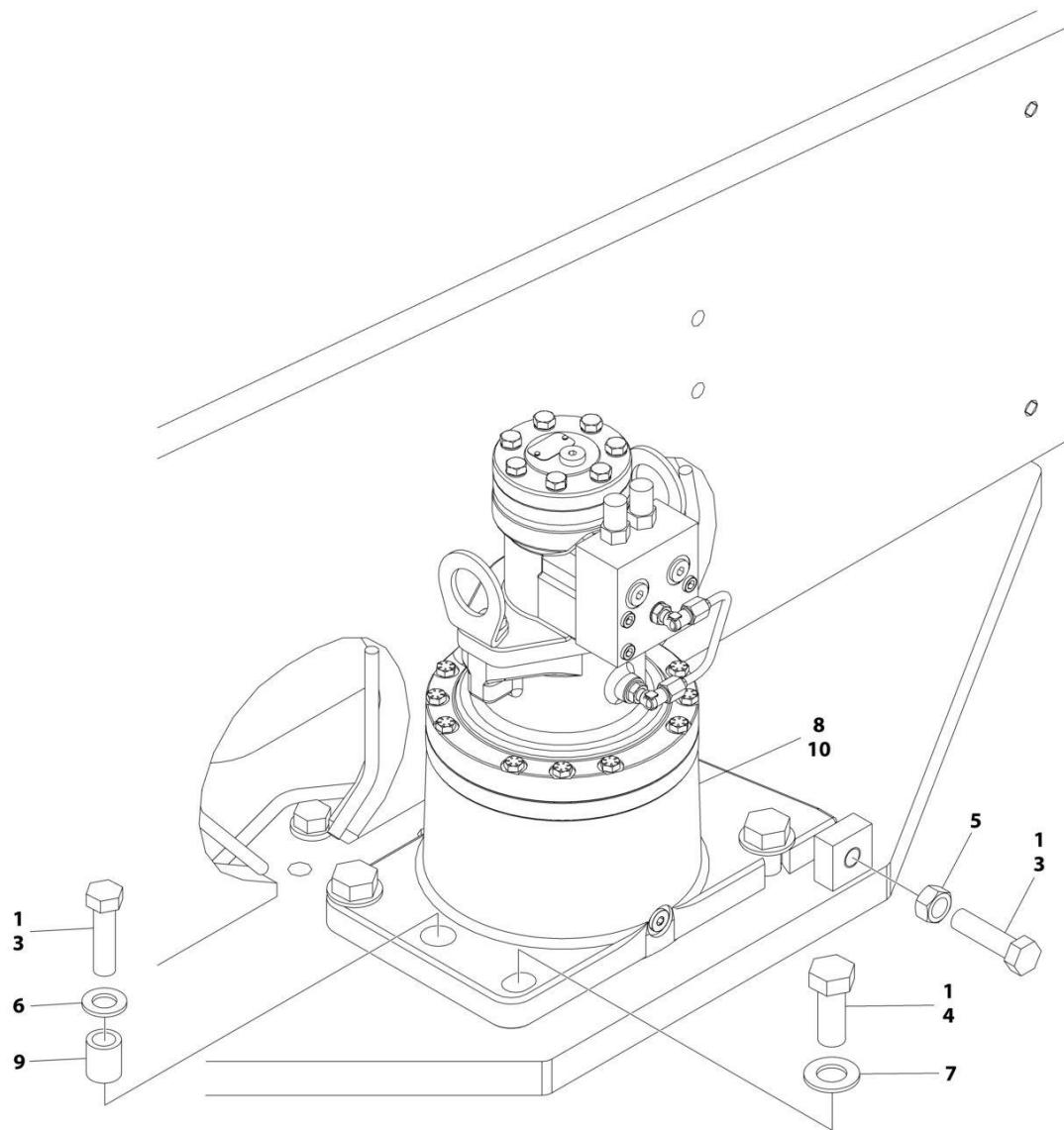
SECTION 2 - TURNTABLE

FIGURE 2-7. AXLE VALVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162538	Ref	AXLE VALVE ASSEMBLY	
1	7017410	1	Cartridge, Solenoid Valve Less Coil (Secondary Axle Release)	D
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 2-8. SWING DRIVE INSTALLATION



ART_1001185842

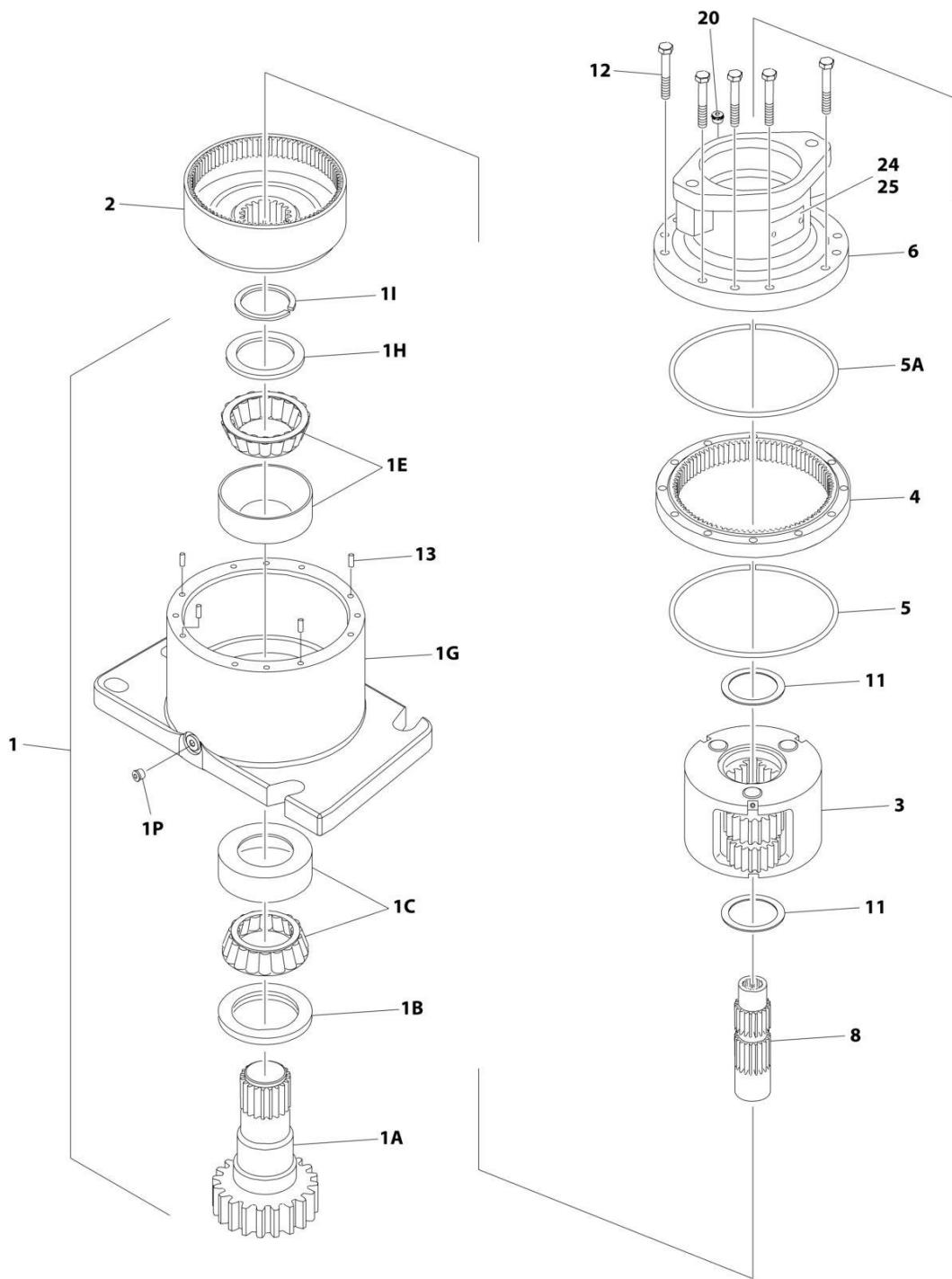
SECTION 2 - TURNTABLE

FIGURE 2-8. SWING DRIVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001185842	Ref	SWING DRIVE INSTALLATION	B
1	0100019	AR	Compound, Locking	
3	0771620	2	Bolt M16 x 60	
4	0772018	4	Bolt M20 x 50	
5	3291601	1	Nut M16	
6	5241600	1	Washer M16	
7	5242000	4	Washer M20	
8	1001125492	1	Shim	
9	1001134543	1	Spacer	
10	1001187855	1	Swing Motor/Hub Assembly (See Separate Breakdown in this Section)	

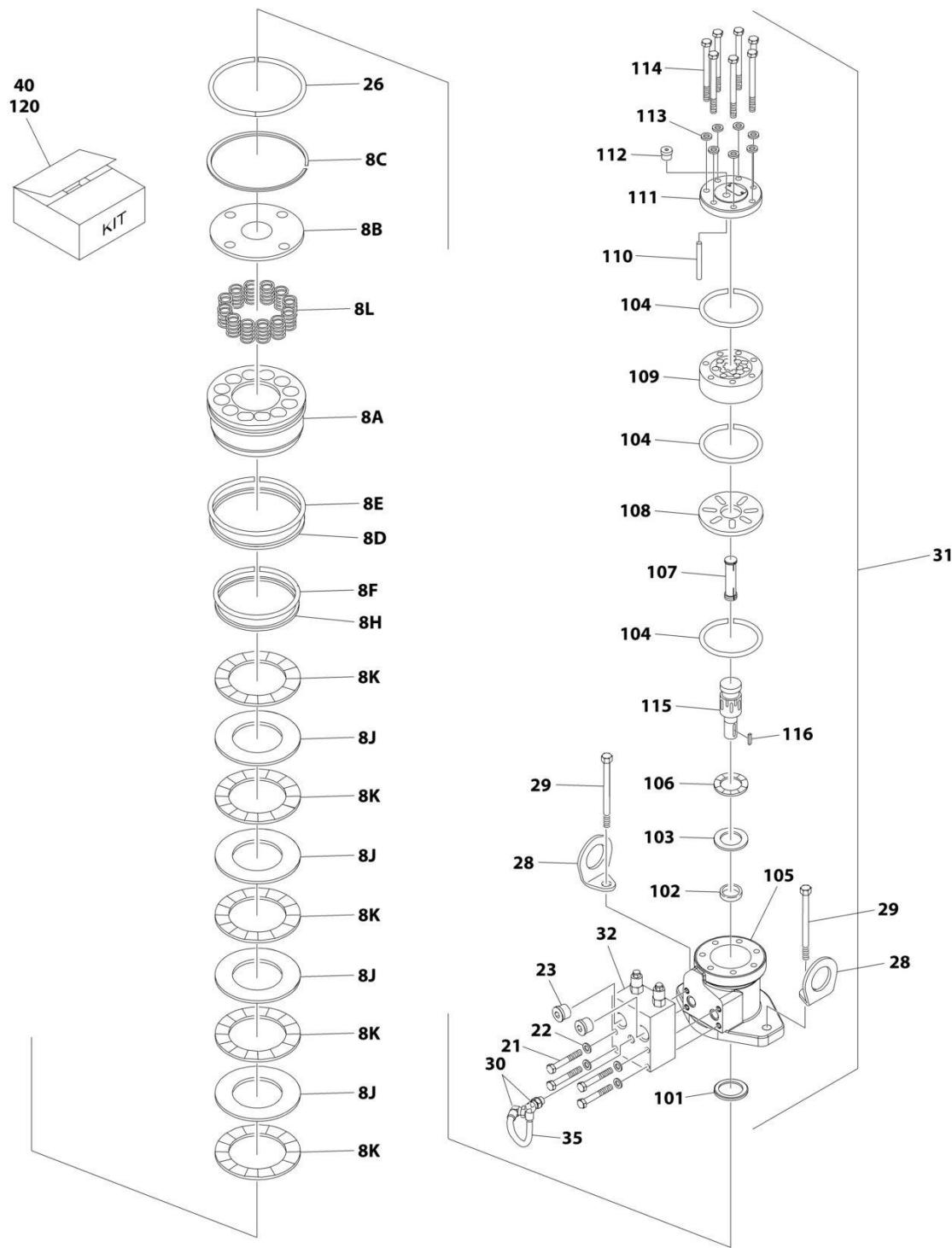
SECTION 2 - TURNTABLE

FIGURE 2-9. SWING MOTOR/HUB ASSEMBLY



ART_1001187855_1OF2

SECTION 2 - TURNTABLE



ART_1001187855_20F2

SECTION 2 - TURNTABLE

FIGURE 2-9. SWING MOTOR/HUB ASSEMBLY

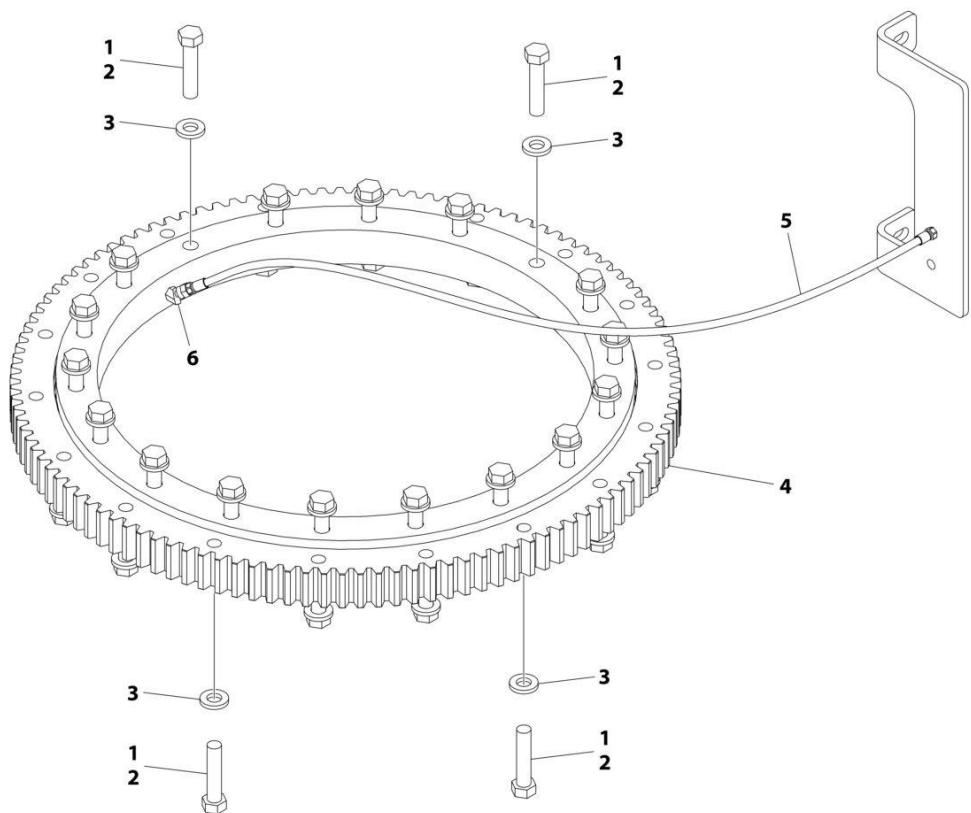
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001187855 See Note	Ref NSS	SWING MOTOR/HUB ASSEMBLY Housing/Shft Assembly (Note: Not Available - Purchase Complete Swing Motor/Hub Assembly)	D
1A	7010492	1	Shaft, Output	
1B	7000228	1	Seal, Lip	
1C	7000255	1	Bearing Kit (Includes Cup and Cone)	
1E	7000257	1	Bearing Kit (Includes Cup and Cone)	
1G	See Note	1	Housing (Note: Not Available for Purchase)	
1H	7007633	1	Thrustwasher	
1I	7000229	1	Ring, Retaining	
1P	7017072	1	Plug, Pipe	
2	7000246	1	Gear, Internal	
3	7000247	1	Carrier Assembly	
3A	7001931	1	Carrier	
3B	7001985	6	Washer, Tanged	
3C	7001909	96	Bearing, Needle	
3D	7000263	3	Thrustwasher	
3E	7001911	3	Shaft, Planet	
3F	7001912	3	Gear, Cluster	
3G	7010474	3	Roll Pin	
4	7000248	1	Gear, Ring	
5	7000230	1	O-Ring (Black)	
5A	7017070	1	O-Ring (White)	
6	See Note	NSS	Housing, Brake (Note: Not Available for Purchase)	
7	70005203	1	Gear, Sun	
8		Ref	Brake Components	
8A	70004037	1	Piston, Brake	
8B	7024743	1	Plate, Pressure	
8C	70004039	1	Ring, Retaining	
8D	70004041	1	O-Ring	
8E	70004044	1	Ring, Back-up	
8F	70004042	1	O-Ring	
8H	70004043	1	Ring, Back-up	
8J	See Note	NSS	Rotor, Brake (Note: Use p/n 70002085)	
8K	See Note	NSS	Stator, Brake (Note: Use p/n 70002085)	
8L	70002066	7	Spring, Brake	
11	7000253	2	Thrustwasher	
12	7000217	12	Bolt, 5/16 x 2-1/4 Grade 8	
13	7017080	4	Pin, Dowel	
20	7017072	1	Plug, Pipe	
21	7024704	4	Bolt 5/16 x 2 Grade 8	
22	70004045	4	Lockwasher	
23	7017023	2	Plug, Pipe	
24	See Note	NSS	Plate, ID (Note: Not Available for Purchase)	
25	See Note	NSS	Rivet	
26	7024763	1	O-Ring	
28	See Note	NSS	Lug, Lifting (Note: Not Available for Purchase)	
29	70004040	2	Bolt 1/2 x 1-1/2 Grade 8	
30	7017085	2	Elbow	
31	70006304	1	Motor Assembly (See Items 101-120 for Breakdown)	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
32	7024784	1	Valve (No Serviceable Parts)	
33	7017082	1	Plug, Pipe (Not Shown)	
35	70004047	1	Tube	
40	7024100	1	Seal Kit - Hub (Includes Items 1B, 1I, 5, 5A & 11)	
	70006304	Ref	Motor Assembly	
101	See Note	NSS	Seal, Dust (Note: Use Item 120)	
102	See Note	NSS	Seal, Shaft (Note: Use Item 120)	
103	See Note	NSS	Thrustwasher (Note: Use Item 120)	
104	See Note	NSS	Seal, Ring (Note: Use Item 120)	
105	See Note	NSS	Housing (Note: Purchase Complete Assembly)	
106	70006306	1	Bearing, Thrust	
107	7005889	1	Link, Drive	
108	70006307	1	Plate, Wear	
109	70006310	1	Rotor Set	
110	7005891	1	Pin	
111	70006308	1	Cover, End	
112	See Note	NSS	Plug (Note: Purchase Complete Assembly)	
113	70006309	1	Washer Kit (Includes 7 Washers)	
114	70006313	1	Bolt Kit (Includes 7 Bolts)	
115	See Note	NSS	Shaft (Note: Purchase Complete Assembly)	
116	See Note	NSS	Key (Note: Purchase Complete Assembly)	
120	70006305	1	Seal Kit - Motor (Includes Items 101-104)	

SECTION 2 - TURNTABLE

FIGURE 2-10. TURNTABLE BEARING AND LUBE INSTALLATION



ART_1001185709

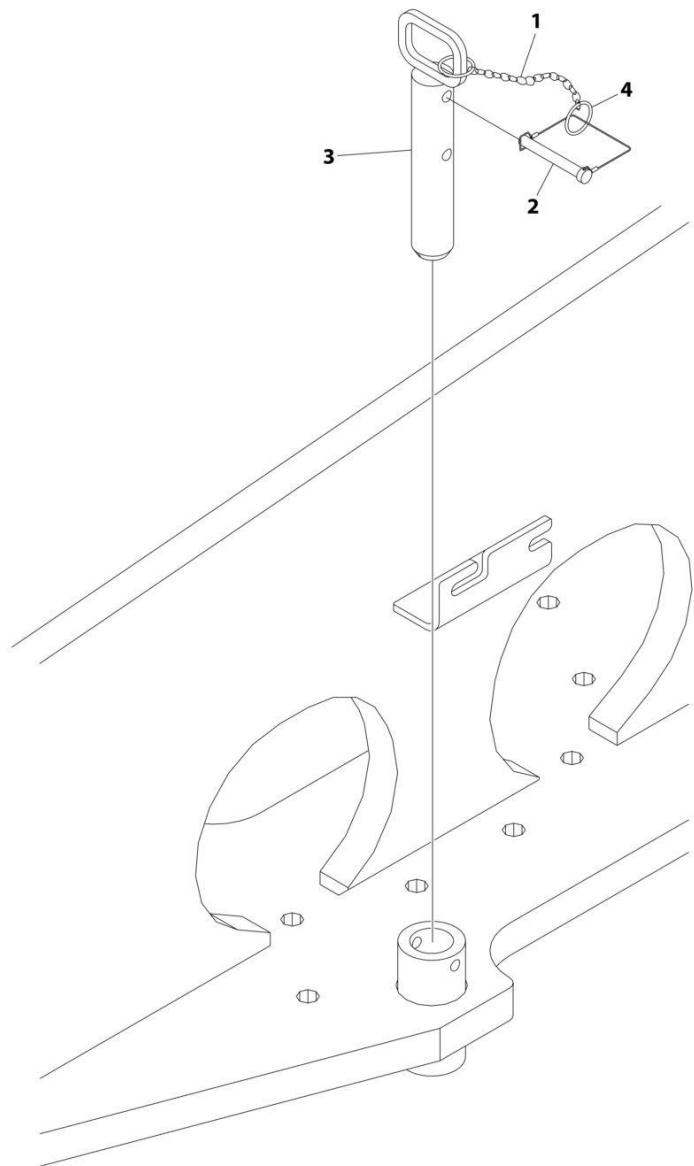
SECTION 2 - TURNTABLE

FIGURE 2-10. TURNTABLE BEARING AND LUBE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001185709	Ref	TURNTABLE BEARING AND LUBE INSTALLATION	D
1	0100019	AR	Compound, Locking	
2	0682023	36	Bolt 5/8 x 2-7/8	
3	4892000	36	Washer 5/8	
4	0440233	1	Bearing, Turntable	
5	1001188125	1	Hose	
6	2220124	1	Fitting, 45	

SECTION 2 - TURNTABLE

FIGURE 2-11. TURNTABLE LOCK INSTALLATION



ART_1001187022

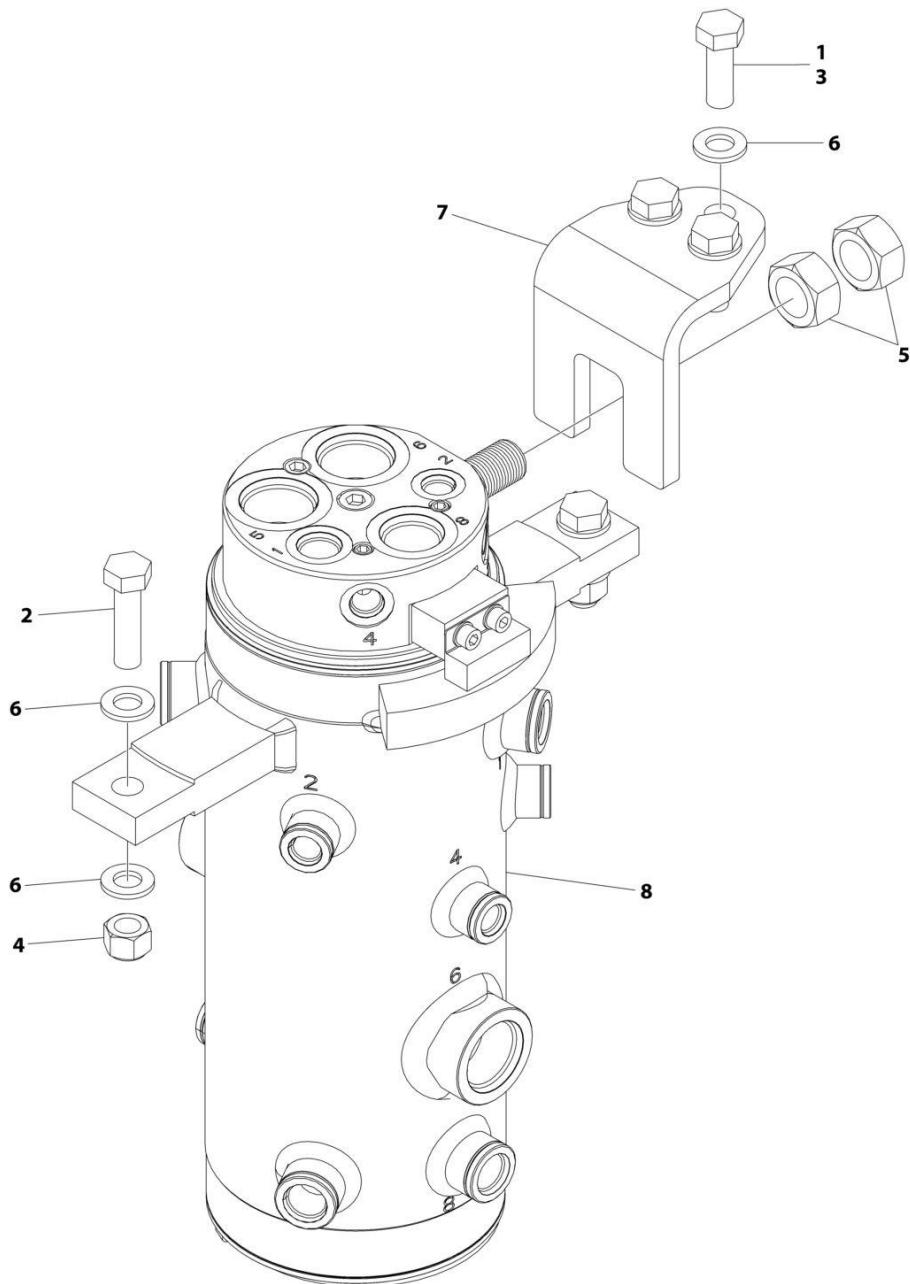
SECTION 2 - TURNTABLE

FIGURE 2-11. TURNTABLE LOCK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001187022	Ref 9 in/23cm	TURNTABLE LOCK INSTALLATION Chain	A
2	1260017	1	Snap-Pin	
3	3421565	1	Pin, Lock	
4	3421627	2	Ring	
	3760170			

SECTION 2 - TURNTABLE

FIGURE 2-12. ROTARY COUPLING INSTALLATION - 2WS



ART_1001188337

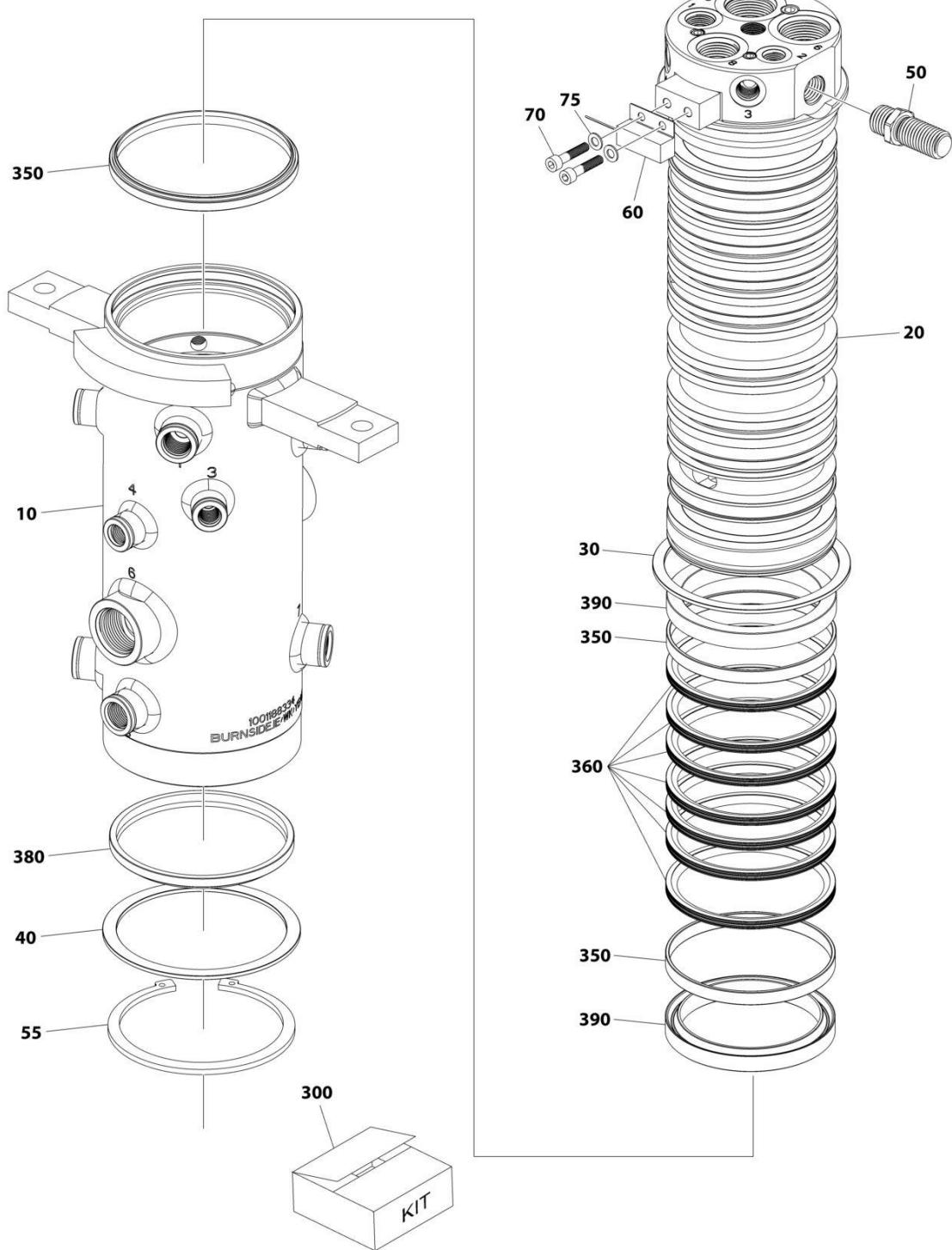
SECTION 2 - TURNTABLE

FIGURE 2-12. ROTARY COUPLING INSTALLATION - 2WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001188337	Ref	ROTARY COUPLING INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0701217	2	Bolt M12 x 45	
3	0761215	3	Bolt M12 x 35	
4	3291205	2	Nut M12	
5	3292001	2	Nut M20	
6	4812100	7	Washer M12	
7	1001187953	1	Mount	
8	1001188334	1	Rotary Coupling Assembly (See Separate Breakdown in this Section)	

SECTION 2 - TURNTABLE

FIGURE 2-13. ROTARY COUPLING ASSEMBLY - 2WS



ART_1001188334

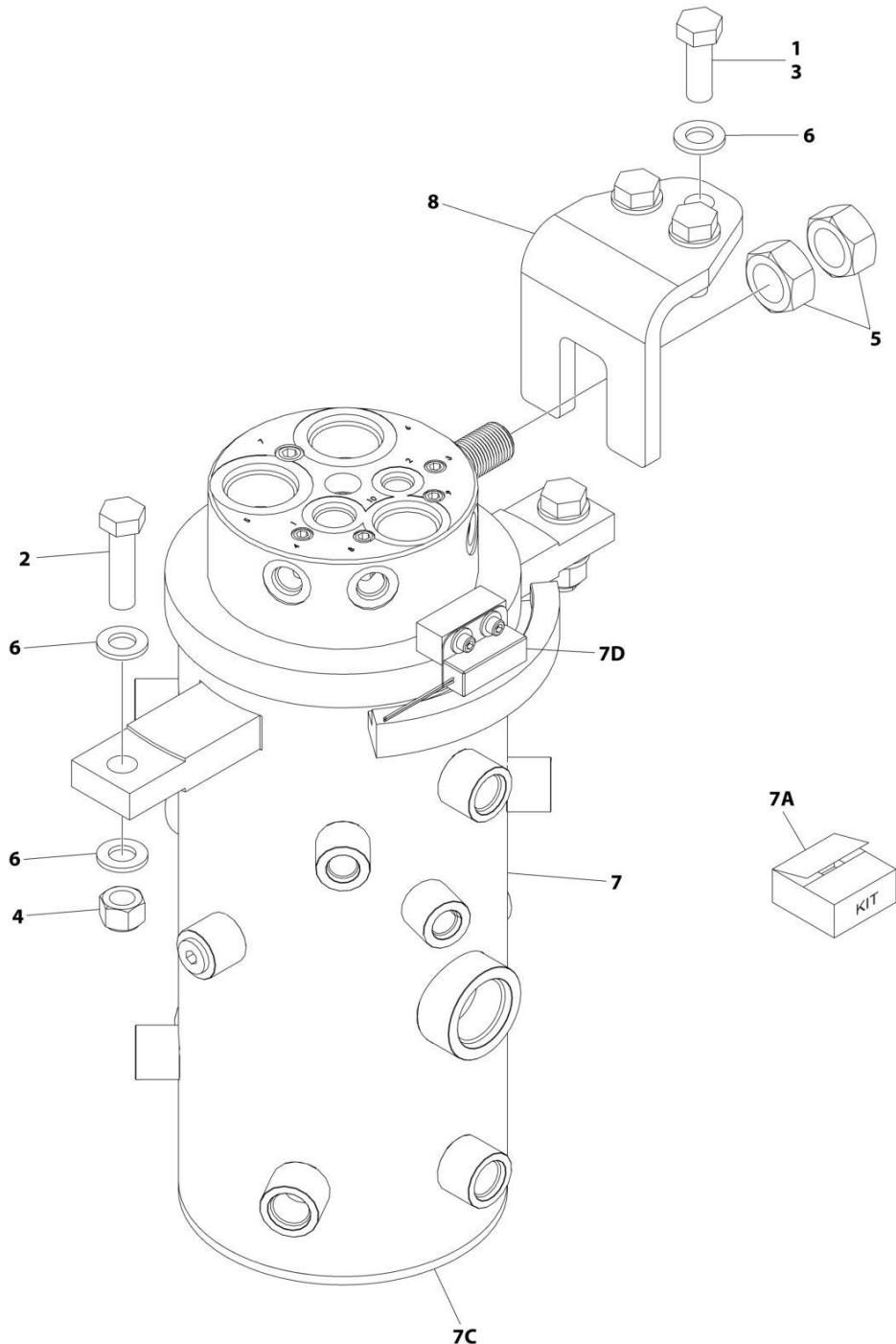
SECTION 2 - TURNTABLE

FIGURE 2-13. ROTARY COUPLING ASSEMBLY - 2WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188334	Ref	ROTARY COUPLING ASSEMBLY	
10	See Note	NSS	Housing (Note: Purchase Complete Assembly)	G
20	See Note	NSS	Shaft (Note: Purchase Complete Assembly)	
30	70005710	1	Spacer	
40	70005711	1	Spacer	
50	70005712	1	Fitting	
55	70005713	1	Circlip	
60	4360517	1	Sensor	
60	4460320	1	Plug, Male - 2 Position	
60	4460227	2	Socket, Female	
70	70006537	2	Bolt	
75	70006538	2	Washer	
300	70005716	1	Seal Kit (Includes Items 350-390)	
350	See Note	NSS	Ring, Wear (Note: Use Item 300)	
360	See Note	NSS	Seal (Note: Use Item 300)	
370	See Note	NSS	Wiper (Note: Use Item 300) (Not Shown)	
380	See Note	NSS	Wiper (Note: Use Item 300)	
390	See Note	NSS	Seal, Rod (Note: Use Item 300)	

SECTION 2 - TURNTABLE

FIGURE 2-14. ROTARY COUPLING INSTALLATION - 4WS



ART_1001188336

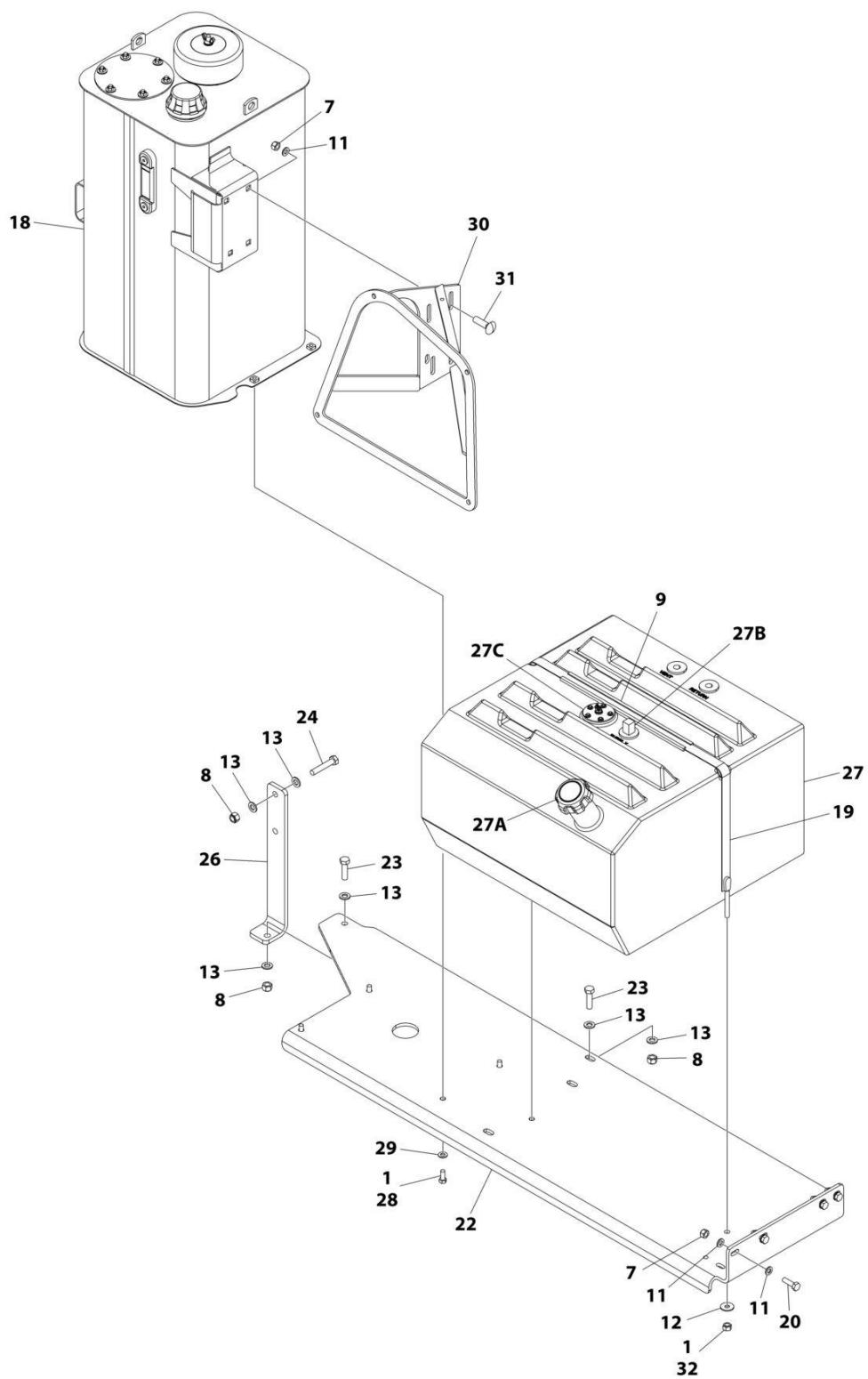
SECTION 2 - TURNTABLE

FIGURE 2-14. ROTARY COUPLING INSTALLATION - 4WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188336	Ref	ROTARY COUPLING INSTALLATION	
1	0100011	AR	Compound, Locking	D
2	0701217	2	Bolt M12 x 45	
3	0761215	3	Bolt M12 x 35	
4	3291205	2	Nut M12	
5	3292001	2	Nut M20	
6	4812100	7	Washer M12	
7	1001187470	1	Coupling Assembly - 4WS	
7A	70005680	1	Seal Kit	
7B	70005681	2	Poly Seal (Not Shown)	
7C	7013189	1	Ring, Retaining	
7C	7026511	2	Ring	
7D	4360517	1	Sensor, Proximity	
7D	4460320	1	Plug, Male - 2 Position	
7D	4460227	2	Socket, Female	
8	1001187953	1	Mount	

SECTION 2 - TURNTABLE

FIGURE 2-15. TANKS INSTALLATION - DIESEL MACHINES (POLY FUEL TANK)



ART_1001188257

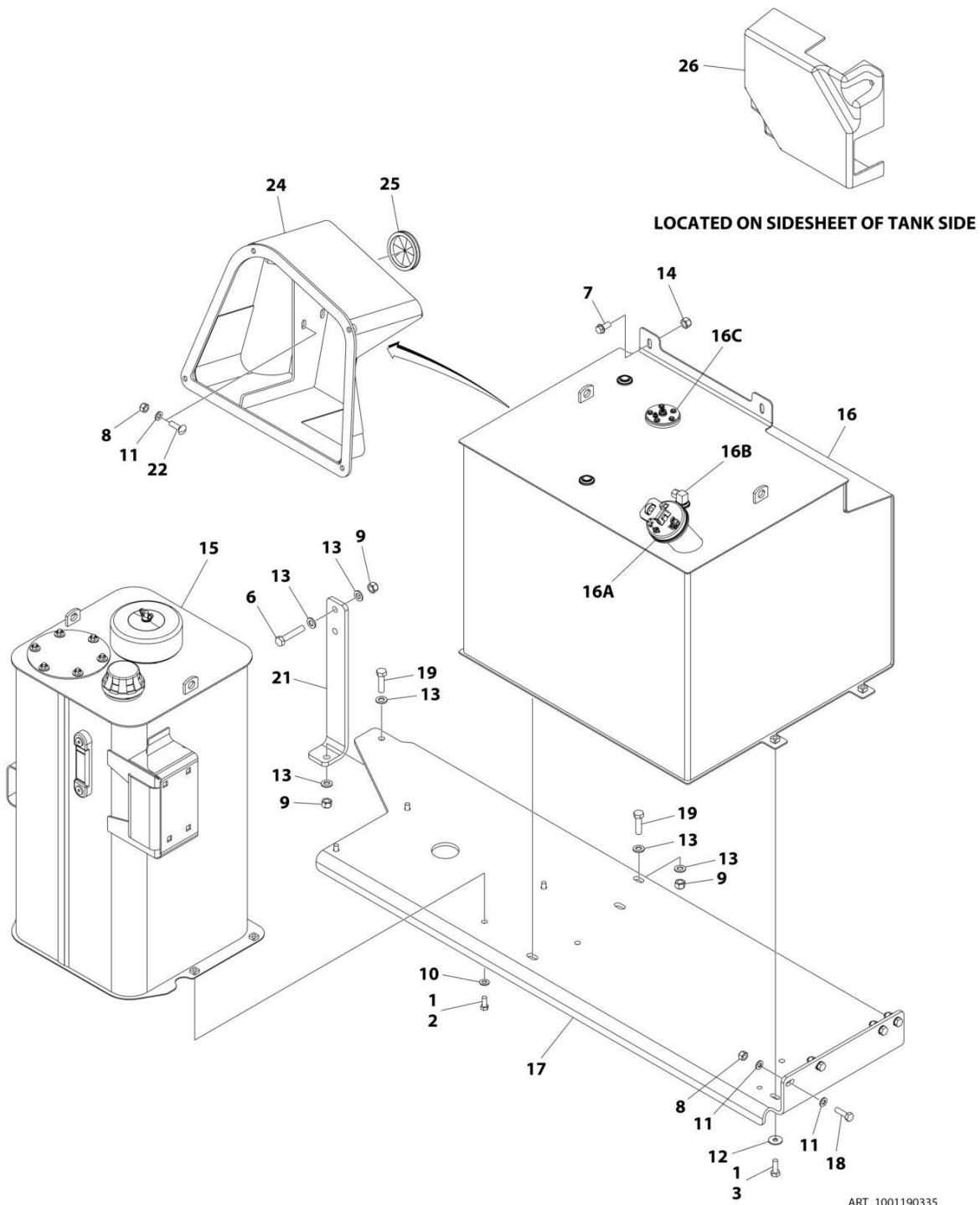
SECTION 2 - TURNTABLE

FIGURE 2-15. TANKS INSTALLATION - DIESEL MACHINES (POLY FUEL TANK)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188257	Ref	TANKS INSTALLATION	I
1	0100011	AR	Compound, Locking	
7	3291005	8	Nut M10	
8	3291205	4	Nut M12	
9	4280295	48 in/ 122cm	Strip, Protector	
11	4812000	12	Washer M10	
12	4812002	2	Washer M10	
13	4812100	8	Washer M12	
18	1001178057	1	Hydraulic Tank Assembly (See Separate Breakdown in this Section)	
19	1001189119	1	Strap	
20	0701015	4	Bolt M10 x 35	
22	1001199933	1	Tray	
23	0701217	2	Bolt M12 x 45	
24	0701221	2	Bolt M12 x 65	
26	1001199883	1	Support	
27	1001201325	1	Tank, Fuel	
27A	70004414	1	Cap, Fill	
27B	7020043	1	Tube, Pickup	
27C	1001148607	1	Sender, Fuel Level	
27C	0731005	5	Screw #10 x 5/8	
27C	4751000	5	Washer #10	
28	0641607	4	Bolt 3/8 x 7/8	
28	0641608	4	Bolt 3/8 x 1	
29	4711600	4	Washer 3/8	
30	1001213251	1	Support, Ground Control	
31	1001228406	4	Bolt M10 x 35	
31	0630613	4	Bolt M10 x 30	
32	3291005	2	Nut M10	
32	3291001	2	Nut M10	

SECTION 2 - TURNTABLE

FIGURE 2-16. TANKS INSTALLATION - DIESEL MACHINES (STEEL FUEL TANK)



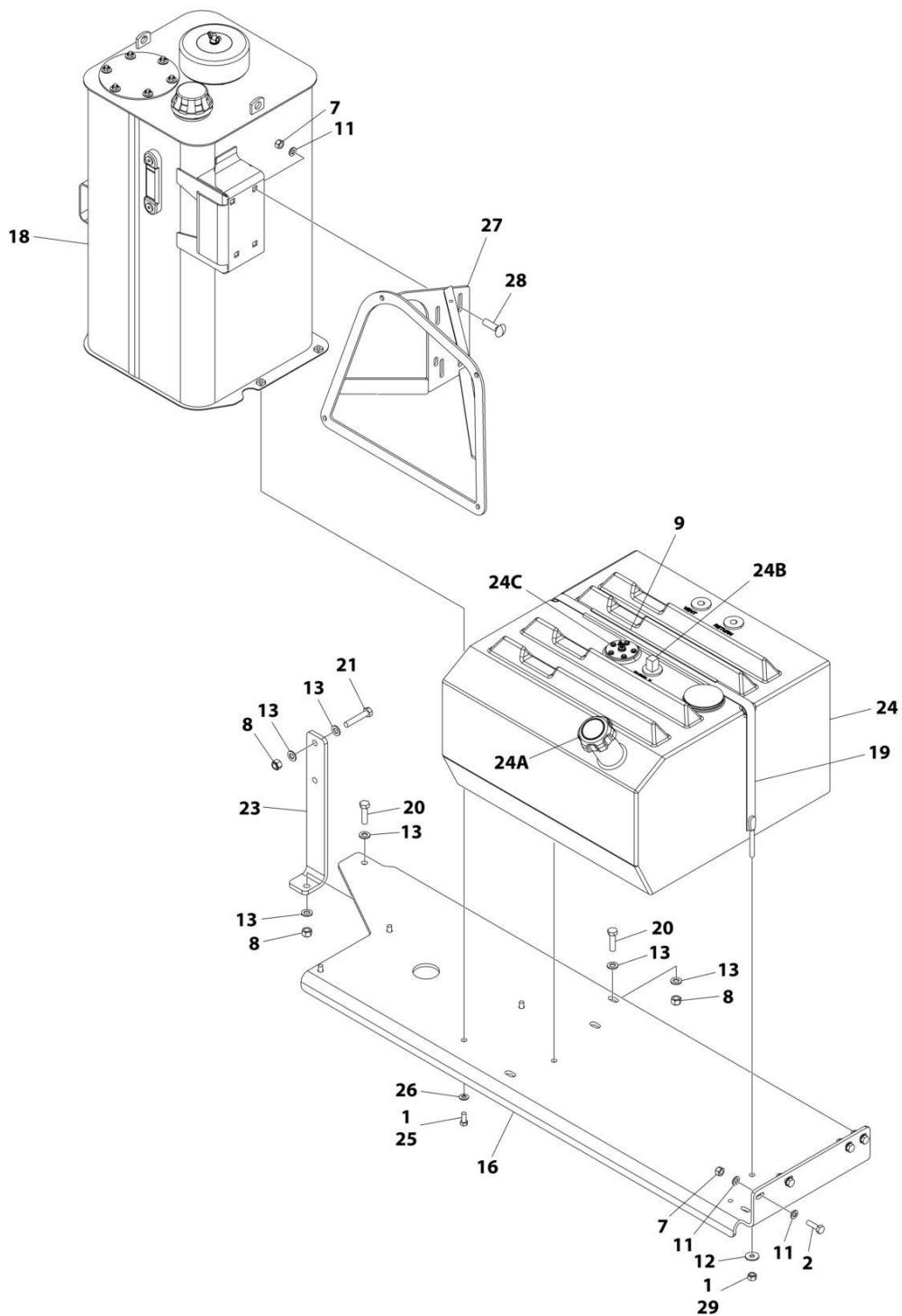
SECTION 2 - TURNTABLE

FIGURE 2-16. TANKS INSTALLATION - DIESEL MACHINES (STEEL FUEL TANK)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190335	Ref	TANKS INSTALLATION	
1	0100011	AR	Compound, Locking	
2	0641607	4	Bolt 3/8 x 7/8	
2	0641608	4	Bolt 3/8 x 1	
3	0761014	4	Bolt M10 x 30	
6	0701221	2	Bolt M12 x 65	
7	5251012	2	Bolt M10 x 25	
8	3291005	8	Nut M10	
9	3291205	4	Nut M12	
10	4711600	4	Washer 3/8	
11	4812000	12	Washer M10	
12	4812002	4	Washer M10	
13	4812100	8	Washer M12	
14	1001118972	1	Nut, Tinnerman M10	
15	1001178057	1	Hydraulic Tank Assembly (See Separate Breakdown in this Section)	
16	1001189764	1	Tank, Fuel	
16A	1001080707	1	Cap, Fill	
16B	70006314	1	Tube, Pickup	
16C	1001189800	1	Sender, Fuel Level	
16C	0731005	5	Screw #10 x 5/8	
16C	4751000	5	Washer #10	
17	1001199933	1	Tray	
18	0701015	4	Bolt M10 x 35	
19	0701217	2	Bolt M12 x 45	
21	1001199883	1	Support	
22	1001228406	4	Bolt M10 x 35	
22	0630613	4	Bolt M10 x 30	
24	1001229572	1	Mount, Ground Control	
25	1001218676	1	Grommet	
26	1001218539	1	Cover	

SECTION 2 - TURNTABLE

FIGURE 2-17. TANKS INSTALLATION - GAS MACHINES



ART_1001189228

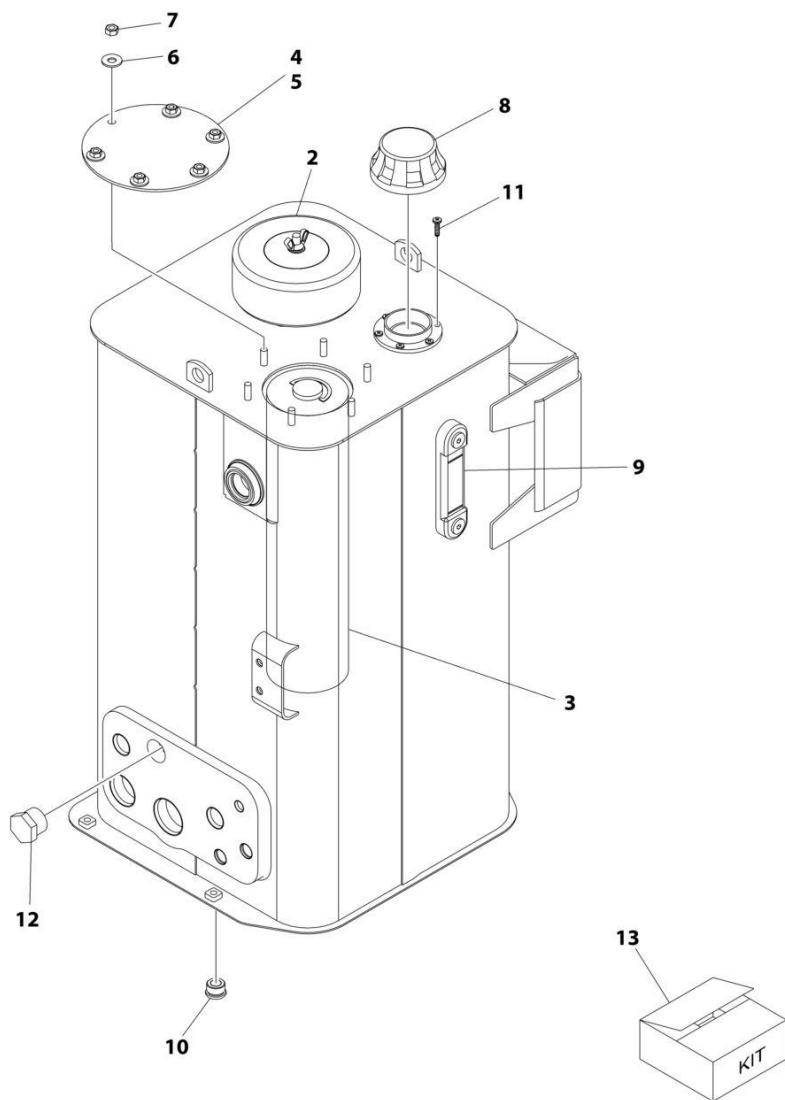
SECTION 2 - TURNTABLE

FIGURE 2-17. TANKS INSTALLATION - GAS MACHINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001189228	Ref	TANKS INSTALLATION	
1	0100011	AR	Compound, Locking	
2	0701015	4	Bolt M10 x 35	
7	3291005	8	Nut M10	
8	3291205	4	Nut M12	
9	4280295	48 in/ 122cm	Strip, Protector	
11	4812000	12	Washer M10	
12	4812002	2	Washer M10	
13	4812100	8	Washer M12	
16	1001199933	1	Tray	
18	1001178057	1	Hydraulic Tank Assembly (See Separate Breakdown in this Section)	
19	1001189119	1	Strap, Tank	
20	0701217	2	Bolt M12 x 45	
21	0701221	2	Bolt M12 x 65	
23	1001199883	1	Support	
24	1001201326	1	Tank, Fuel	
24A	70001103	1	Cap, Fill	
24B	7020043	1	Tube, Pickup	
24C	1001148607	1	Sender, Fuel Level	
24C	0731005	5	Screw #10 x 5/8	
24C	4751000	5	Washer #10	
25	0641607	4	Bolt 3/8 x 7/8	
25	0641608	4	Bolt 3/8 x 1	
26	4711600	4	Washer 3/8	
27	1001213251	1	Support, Ground Control	
28	1001228406	4	Bolt M10 x 35	
28	0630613	4	Bolt M10 x 30	
29	3291005	2	Nut M10	
29	3291001	2	Nut M10	

SECTION 2 - TURNTABLE

FIGURE 2-18. HYDRAULIC TANK ASSEMBLY



ART_1001178057

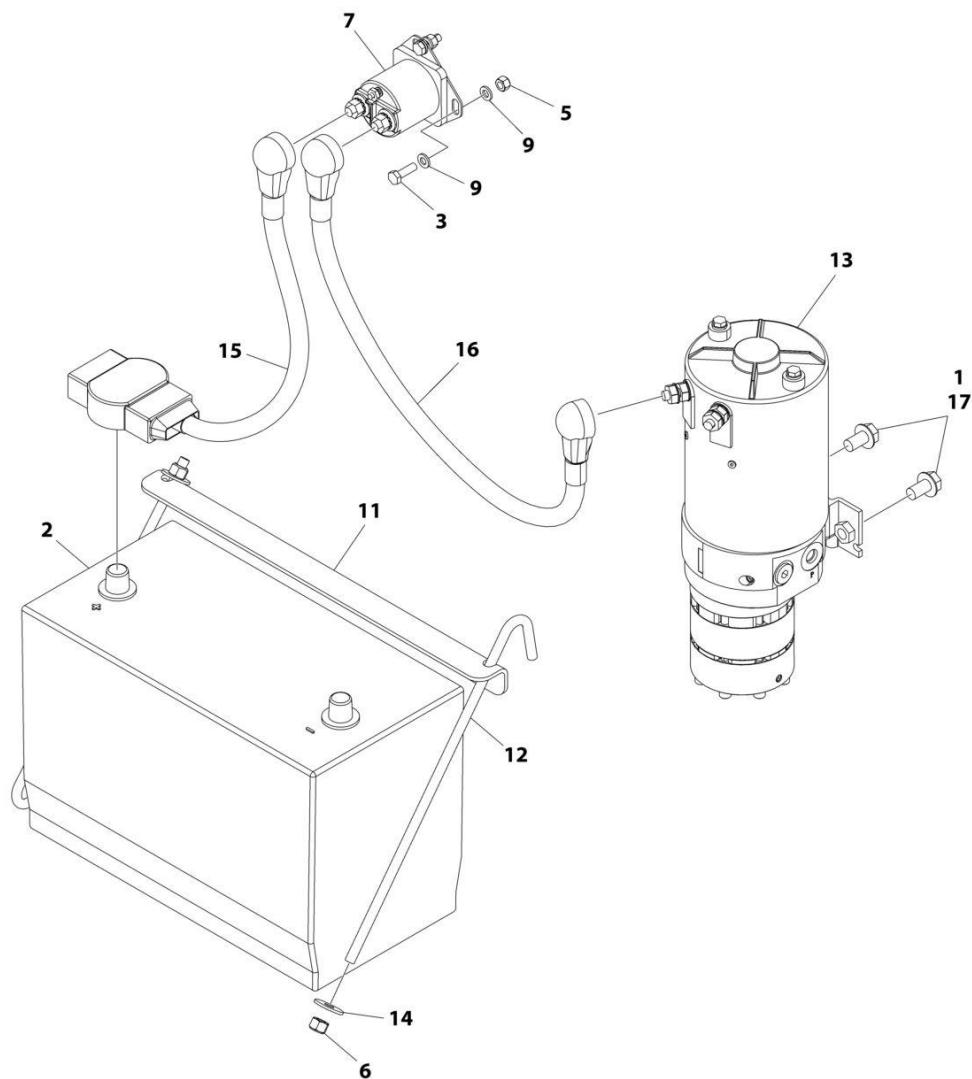
SECTION 2 - TURNTABLE

FIGURE 2-18. HYDRAULIC TANK ASSEMBLY

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

SECTION 2 - TURNTABLE

FIGURE 2-19. BATTERY AND AUXILIARY PUMP INSTALLATION



ART_1001186346

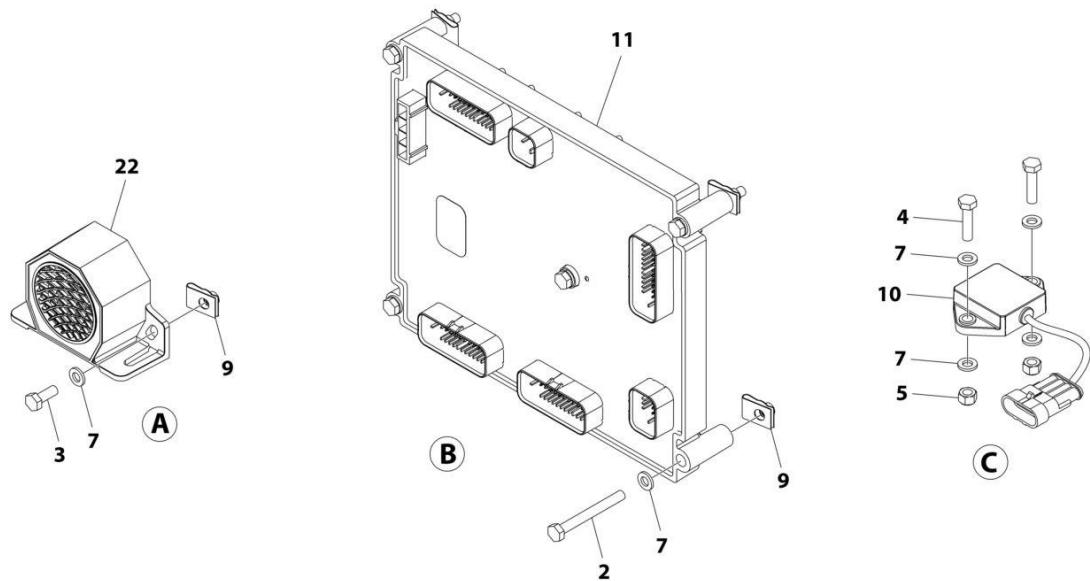
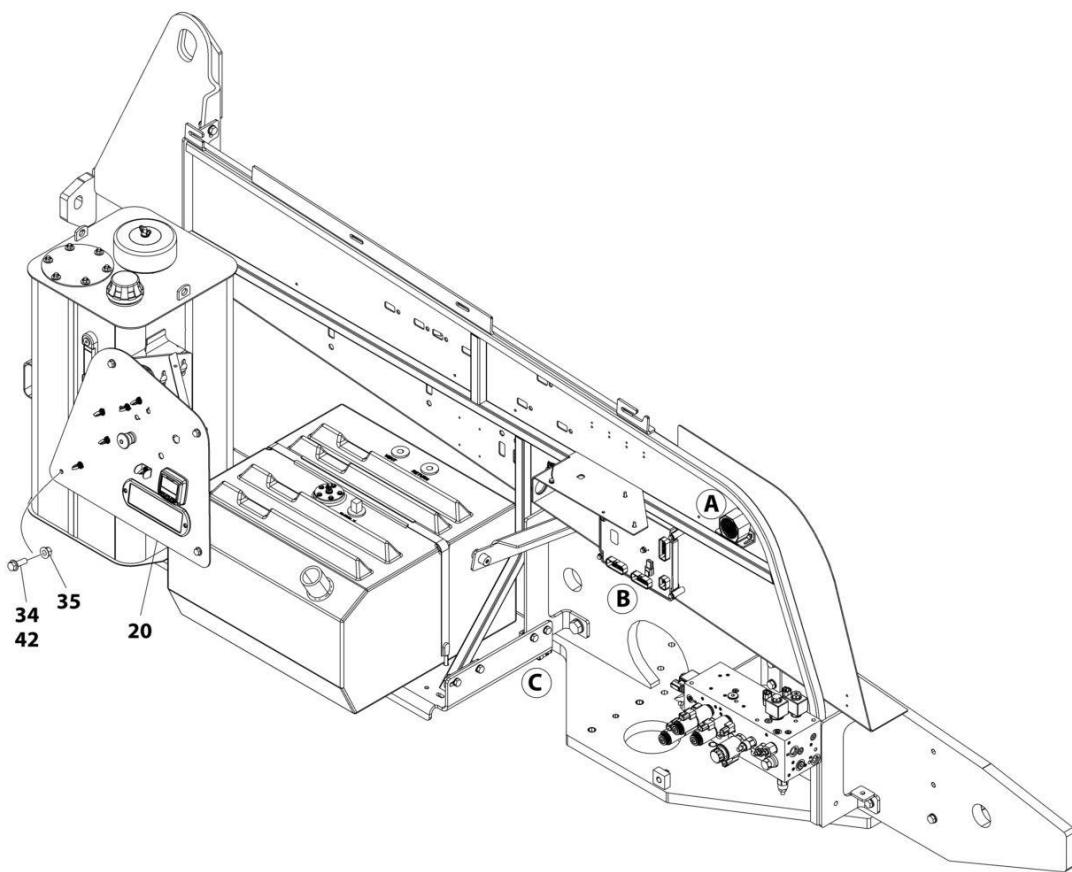
SECTION 2 - TURNTABLE

FIGURE 2-19. BATTERY AND AUXILIARY PUMP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001186346	Ref	BATTERY AND AUXILIARY PUMP INSTALLATION	F
1	0100011	AR	Compound, Locking	
2	0400075	1	Battery	
3	0700610	2	Bolt M6 x 20	
5	3290605	2	Nut M6	
6	3290805	2	Nut M8	
7	3740067	1	Relay	
9	4811700	4	Washer M6	
11	91401281	1	Bracket, Hold Down	
12	1001192012	2	J-Bolt	
13	1001187808	1	Auxiliary Pump/Motor Assembly (Note: Replacement Motor is only Service Component Available. For Other Components, Replace Complete Assembly.)	
13	70003998	1	Motor, Replacement	
14	4811902	2	Washer M8	
15	1001188664	1	Cable, Battery (+)	
16	1001188666	1	Cable, Aux Relay to Aux Pump	
17	5251009	2	Bolt M10 x 18	

SECTION 2 - TURNTABLE

FIGURE 2-20. ELECTRICAL COMPONENTS INSTALLATION - 600S WITH 2WS



ART_1001191211_1OF2

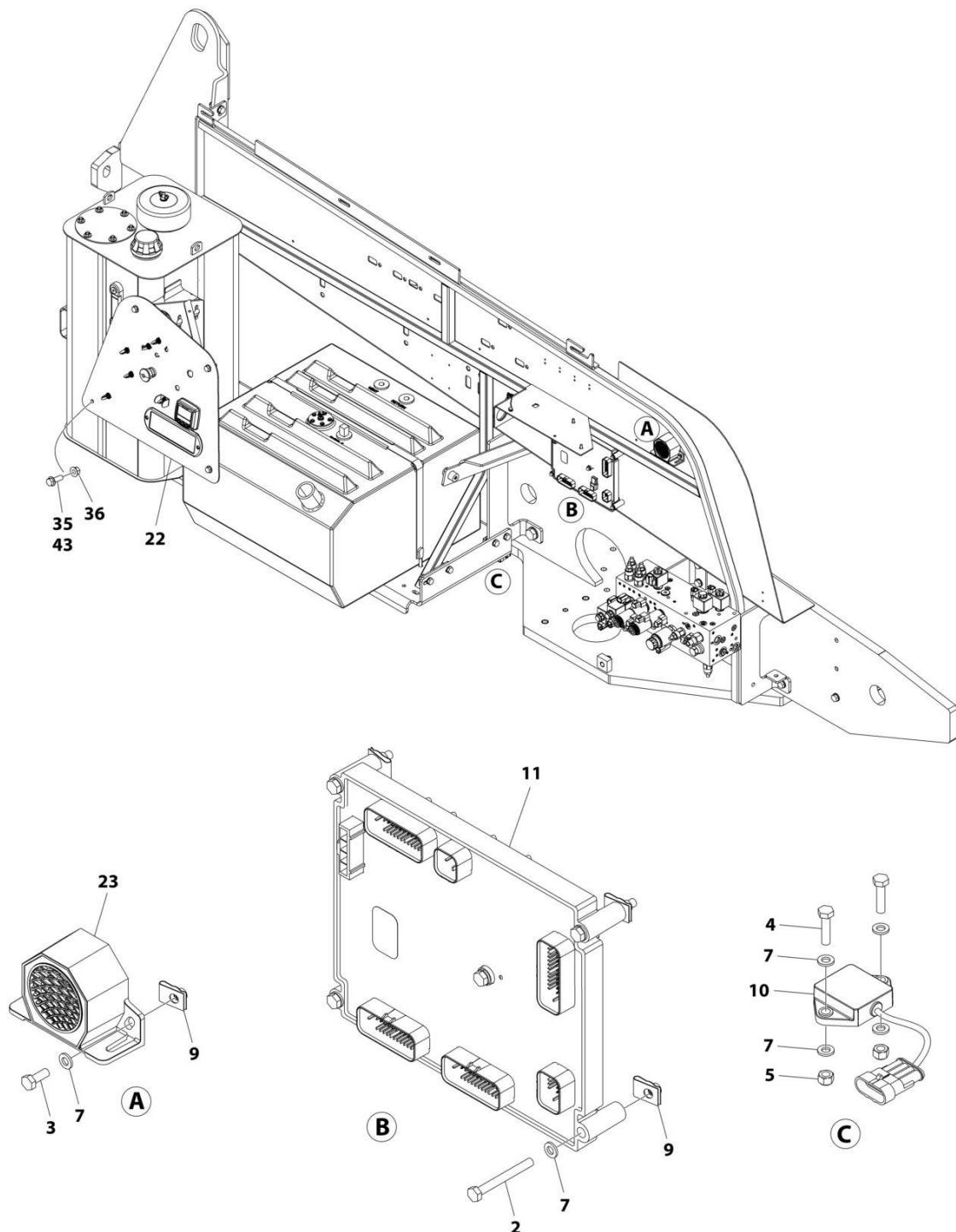
SECTION 2 - TURNTABLE

FIGURE 2-20. ELECTRICAL COMPONENTS INSTALLATION - 600S WITH 2WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191211	Ref	ELECTRICAL COMPONENTS INSTALLATION	
2	0700619	5	Bolt M6 x 55	L
3	0700608	5	Bolt M6 x 16	
4	0760612	2	Bolt M6 x 25	
5	3290605	3	Nut M6	
7	4811700	15	Washer M6	
9	1001130220	7	Nut, Tinnerman M6	
10	1001181325	1	Sensor (SN 0300235168 through 0300237156, SN B300002655 through B300002654)	
10	1001219601	1	Sensor (SN 0300237157 to Present, SN B300002655 to Present)	
11	1001187200	1	Module, Ground Control (Note: Re-calibration Required when Replaced)	
20	1001192108	1	Ground Control Panel Assembly (See Separate Breakdown in this Section)	
22	0140043	1	Alarm	
34	5251014	4	Bolt M10 x 30	
35	5261018	4	Nut M10 Class 10	
35	5261000	4	Nut M10 Class 10	
42	0100011	AR	Compound, Locking (SN 0300237157 to Present, SN B300002716 to Present)	

SECTION 2 - TURNTABLE

FIGURE 2-21. ELECTRICAL COMPONENTS INSTALLATION - 600S WITH 4WS



ART_1001192990_1OF2

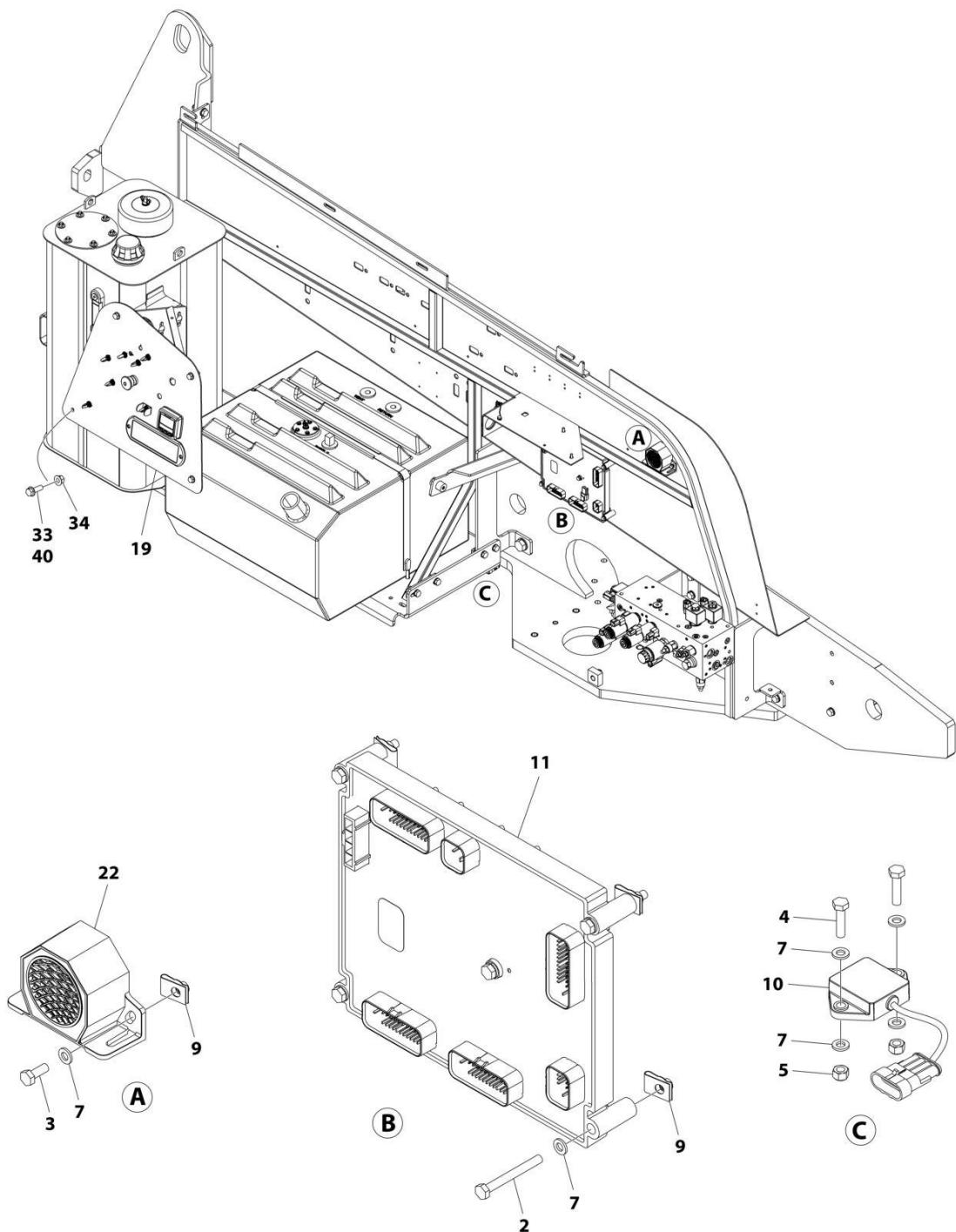
SECTION 2 - TURNTABLE

FIGURE 2-21. ELECTRICAL COMPONENTS INSTALLATION - 600S WITH 4WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192990	Ref	ELECTRICAL COMPONENTS INSTALLATION	
2	0700619	5	Bolt M6 x 55	L
3	0700608	5	Bolt M6 x 16	
4	0760612	1	Bolt M6 x 25	
5	3290605	3	Nut M6	
7	4811700	16	Washer M6	
9	1001130220	7	Nut, Tinnerman M6	
10	1001181325	1	Sensor (SN 0300235168 through 0300237156, SN B300002655 through B300002654)	
10	1001219601	1	Sensor (SN 0300237157 to Present, SN B300002655 to Present)	
11	1001187200	1	Module, Ground Control (Note: Re-calibration Required when Replaced)	
22	1001192108	1	Ground Control Panel Assembly (See Separate Breakdown in this Section)	
23	0140043	1	Alarm	
35	5251014	4	Bolt M10 x 30	
36	5261018	4	Nut M10 Class 10	
36	5261000	4	Nut M10 Class 10	
43	0100011	AR	Compound, Locking (SN 0300237157 to Present, SN B300002716 to Present)	

SECTION 2 - TURNTABLE

FIGURE 2-22. ELECTRICAL COMPONENTS INSTALLATION - 660SJ WITH 2WS



ART_1001192989_1OF2

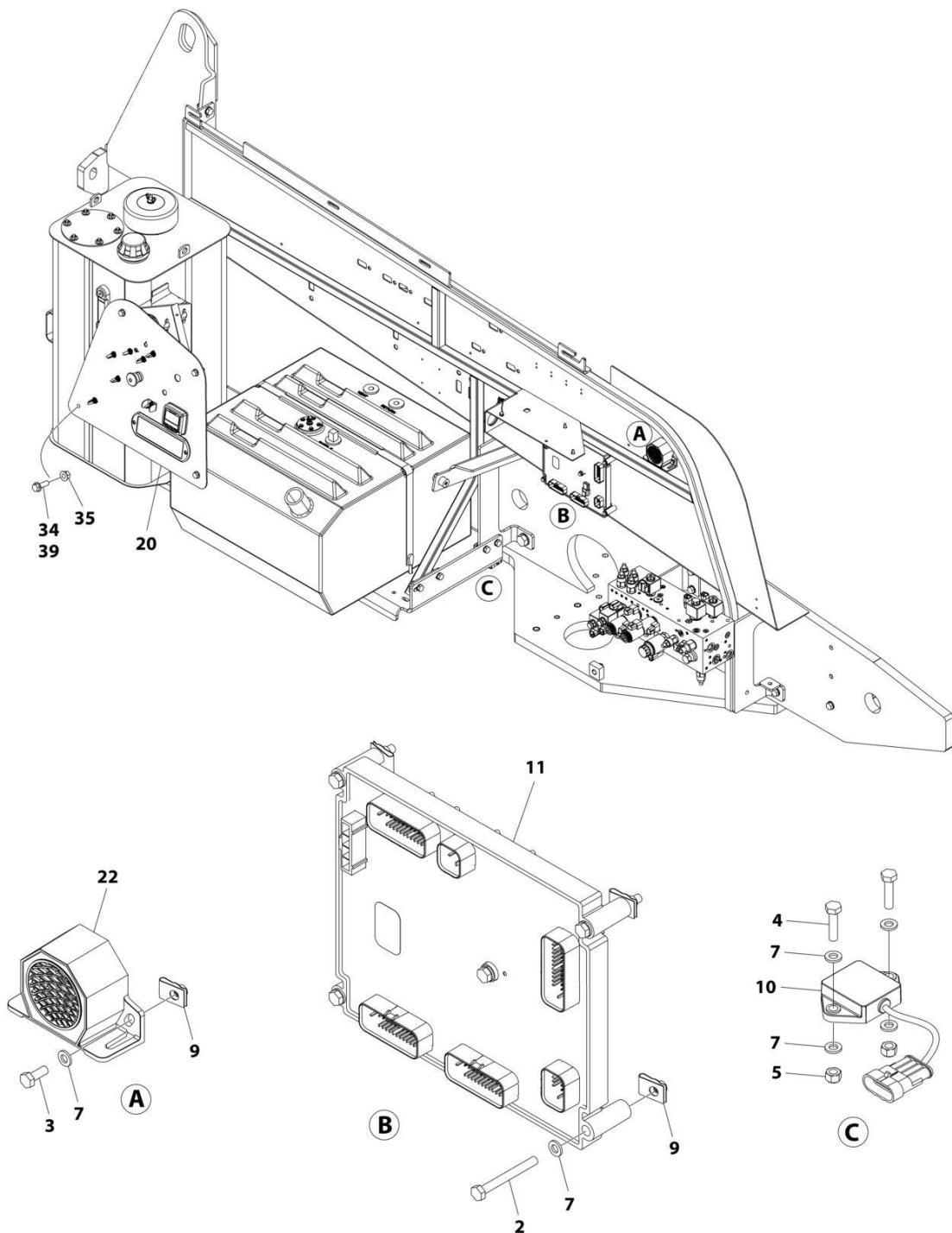
SECTION 2 - TURNTABLE

FIGURE 2-22. ELECTRICAL COMPONENTS INSTALLATION - 660SJ WITH 2WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192989	Ref	ELECTRICAL COMPONENTS INSTALLATION	
2	0700619	5	Bolt M6 x 55	L
3	0700608	5	Bolt M6 x 16	
4	0760612	2	Bolt M6 x 25	
5	3290605	3	Nut M6	
7	4811700	16	Washer M6	
9	1001130220	7	Nut, Tinnerman M6	
10	1001181325	1	Sensor (SN 0300235168 through 0300237156, SN B300002655 through B300002654)	
10	1001219601	1	Sensor (SN 0300237157 to Present, SN B300002655 to Present)	
11	1001187200	1	Module, Ground Control (Note: Re-calibration Required when Replaced)	
19	1001191115	1	Ground Control Panel Assembly (See Separate Breakdown in this Section)	
22	0140043	1	Alarm	
33	5251014	4	Bolt M10 x 30	
34	5261018	4	Nut M10 Class 10	
34	5261000	4	Nut M10 Class 10	
40	0100011	AR	Compound, Locking (SN 0300237157 to Present, SN B300002716 to Present)	

SECTION 2 - TURNTABLE

FIGURE 2-23. ELECTRICAL COMPONENTS INSTALLATION - 660SJ WITH 4WS



ART_1001191210_1OF2

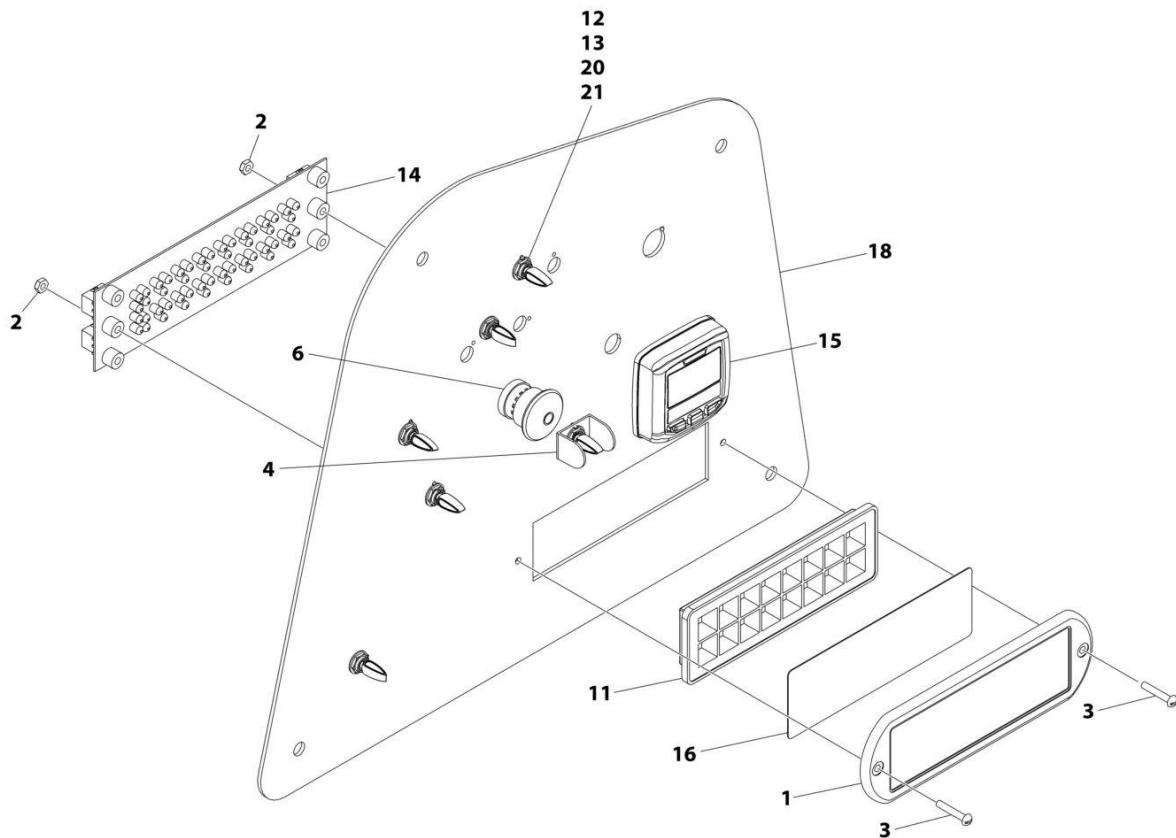
SECTION 2 - TURNTABLE

FIGURE 2-23. ELECTRICAL COMPONENTS INSTALLATION - 660SJ WITH 4WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191210	Ref	ELECTRICAL COMPONENTS INSTALLATION	
2	0700619	5	Bolt M6 x 55	
3	0700608	5	Bolt M6 x 16	
4	0760612	2	Bolt M6 x 25	
5	3290605	3	Nut M6	
7	4811700	15	Washer M6	
9	1001130220	7	Nut, Tinnerman M6	
10	1001181325	1	Sensor (SN 0300235168 through 0300237156, SN B300002655 through B300002654)	
10	1001219601	1	Sensor (SN 0300237157 to Present, SN B300002655 to Present)	
11	1001187200	1	Module, Ground Control (Note: Re-calibration Required when Replaced)	
20	1001191115	1	Ground Control Panel Assembly (See Separate Breakdown in this Section)	
22	0140043	1	Alarm	
34	5251014	4	Bolt M10 x 30	
35	5261018	4	Nut M10 Class 10	
35	5261000	4	Nut M10 Class 10	
39	0100011	AR	Compound, Locking (SN 0300237157 to Present, SN B300002716 to Present)	

SECTION 2 - TURNTABLE

FIGURE 2-24. GROUND CONTROL PANEL ASSEMBLY - 600S



ART_1001192108

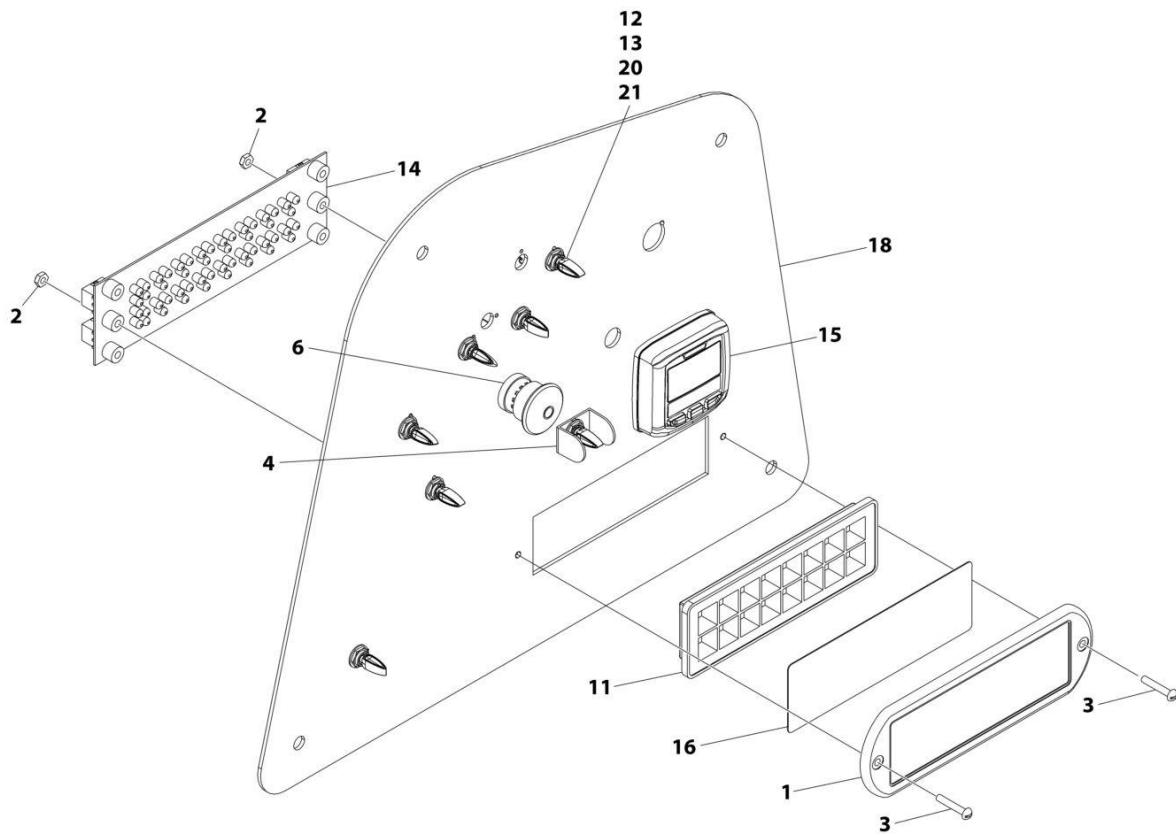
SECTION 2 - TURNTABLE

FIGURE 2-24. GROUND CONTROL PANEL ASSEMBLY - 600S

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192108	Ref	GROUND CONTROL PANEL ASSEMBLY	
1	1670829	1	Bezel	D
2	3300408	2	Nut	
3	3911018	2	Screw #10 x 1-1/8	
4	4060906	1	Guard, Switch	
6	4360475	1	Switch, Emergency Stop	
6	7020175	1	Cap	
6	7020176	1	Block, Contact	
11	1001146220	1	Housing, Display	
12	1001155043	6	Washer	
13	1001155044	6	Nut 15/32	
14	1001170838	1	Panel, LED	
15	1001171482	1	Gauge	
16	1001173529	1	Decal - Display Panel	
18	1001191126	1	Plate	
20	4740397	6	Washer	
21	1001155045	6	Switch, Toggle	

SECTION 2 - TURNTABLE

FIGURE 2-25. GROUND CONTROL PANEL ASSEMBLY - 660SJ



ART_1001191115

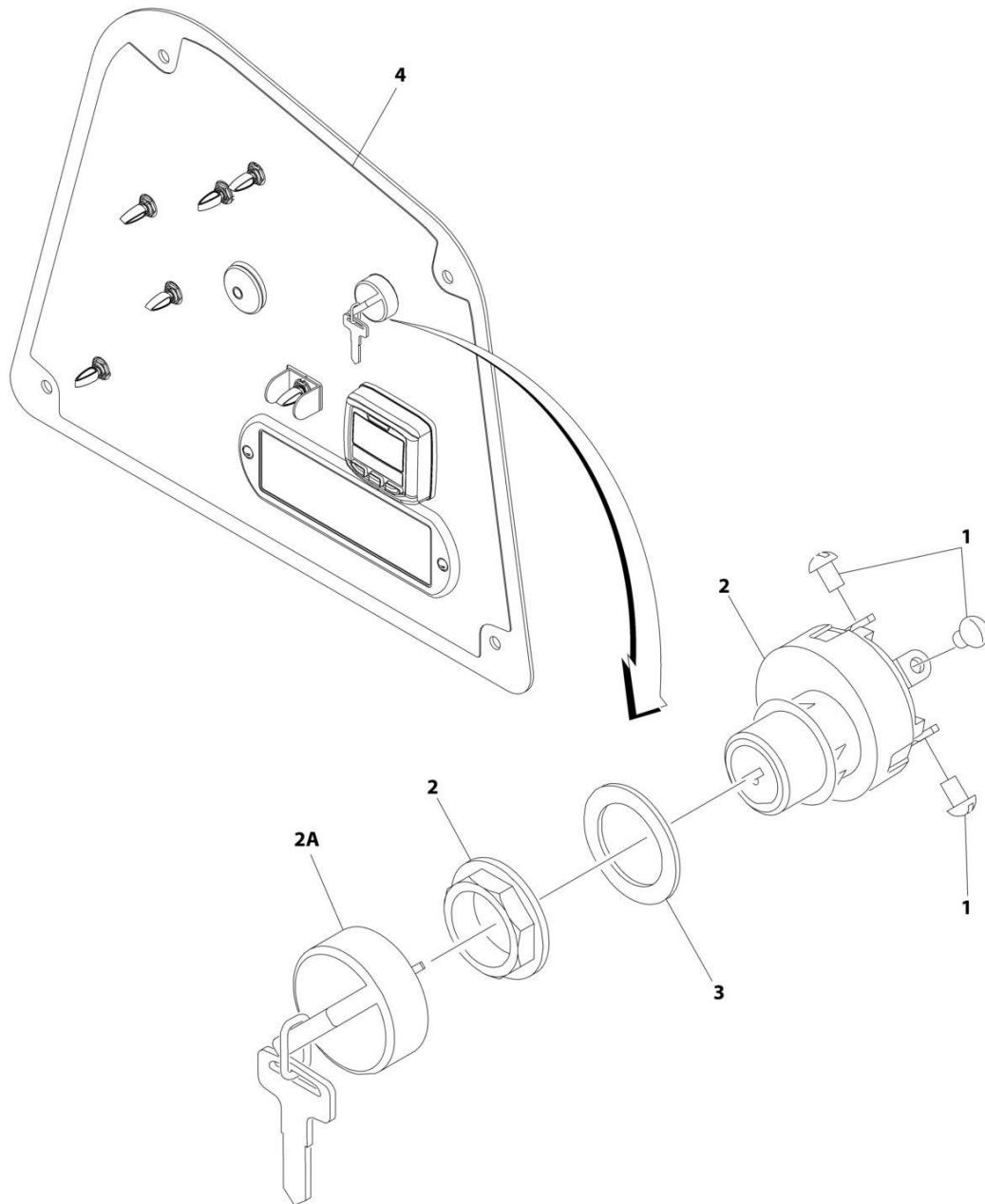
SECTION 2 - TURNTABLE

FIGURE 2-25. GROUND CONTROL PANEL ASSEMBLY - 660SJ

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191115	Ref	GROUND CONTROL PANEL ASSEMBLY	
1	1670829	1	Bezel	D
2	3300408	2	Nut	
3	3911018	2	Screw #10 x 1-1/8	
4	4060906	1	Guard, Switch	
6	4360475	1	Switch, Emergency Stop	
6	7020175	1	Cap	
6	7020176	1	Block, Contact	
11	1001146220	1	Housing, Display	
12	1001155043	7	Washer	
13	1001155044	7	Nut 15/32	
14	1001170838	1	Panel, LED	
15	1001171482	1	Gauge	
16	1001173529	1	Decal - Display Panel	
18	1001191126	1	Plate	
20	4740397	7	Washer	
21	1001155045	7	Switch, Toggle	

SECTION 2 - TURNTABLE

FIGURE 2-26. KEYSWITCH INSTALLATION - 600S (ALL SPECS EXCEPT AUSTRALIAN AND CE SPECS)



ART_1001192086

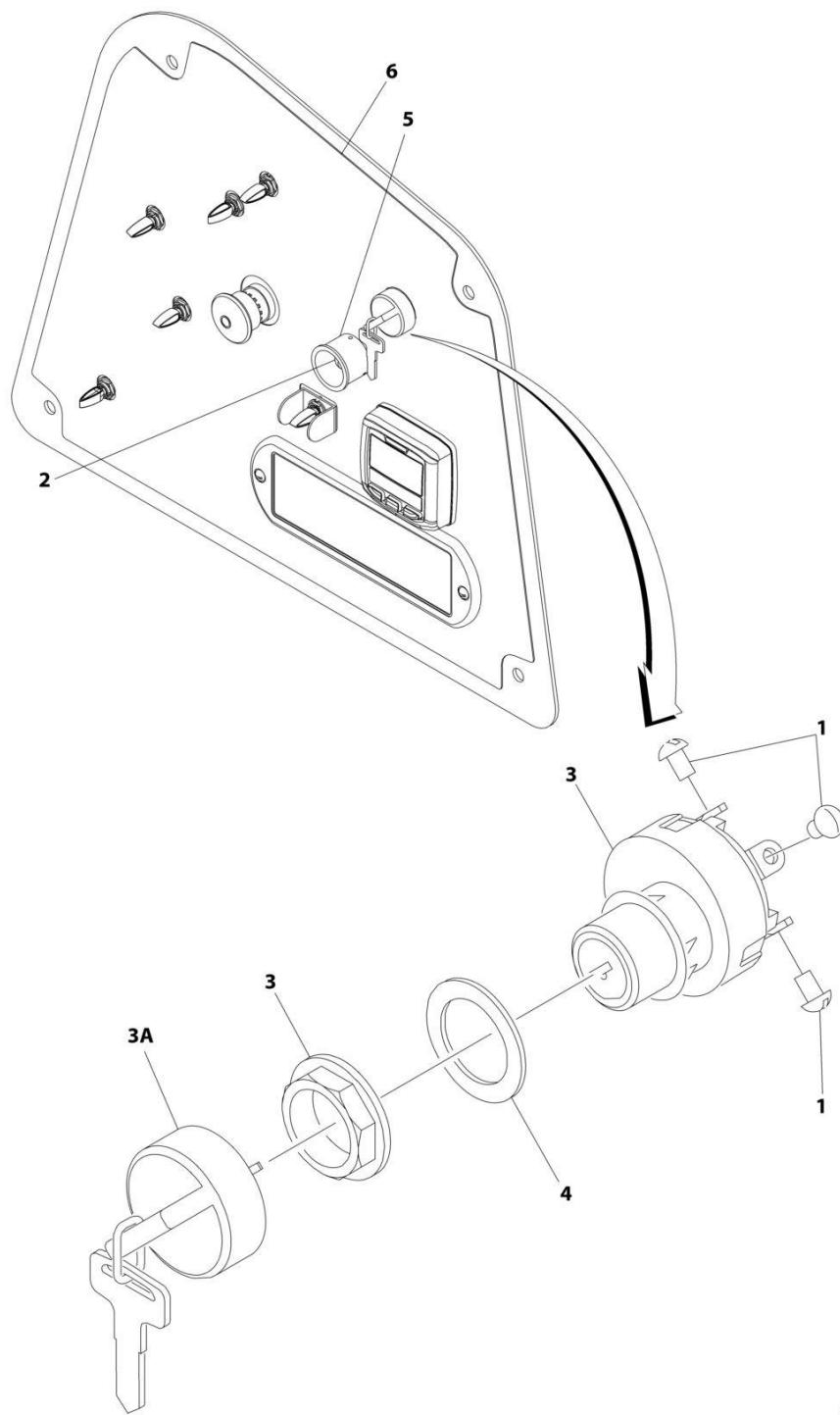
SECTION 2 - TURNTABLE

FIGURE 2-26. KEYSWITCH INSTALLATION - 600S (ALL SPECS EXCEPT AUSTRALIAN AND CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192086	Ref	KEYSWITCH INSTALLATION	
1	3910804	6	Screw #8 x 1/4	B
2	4360469	1	Switch, Key	
2A	2860030	1 Set	Key, Replacement	
3	1001151393	1	Shim	
4	1001192776	1	Decal - Ground Control Panel	

SECTION 2 - TURNTABLE

FIGURE 2-27. KEYSWITCH INSTALLATION - 600S (CE SPECS)



ART_1001192281

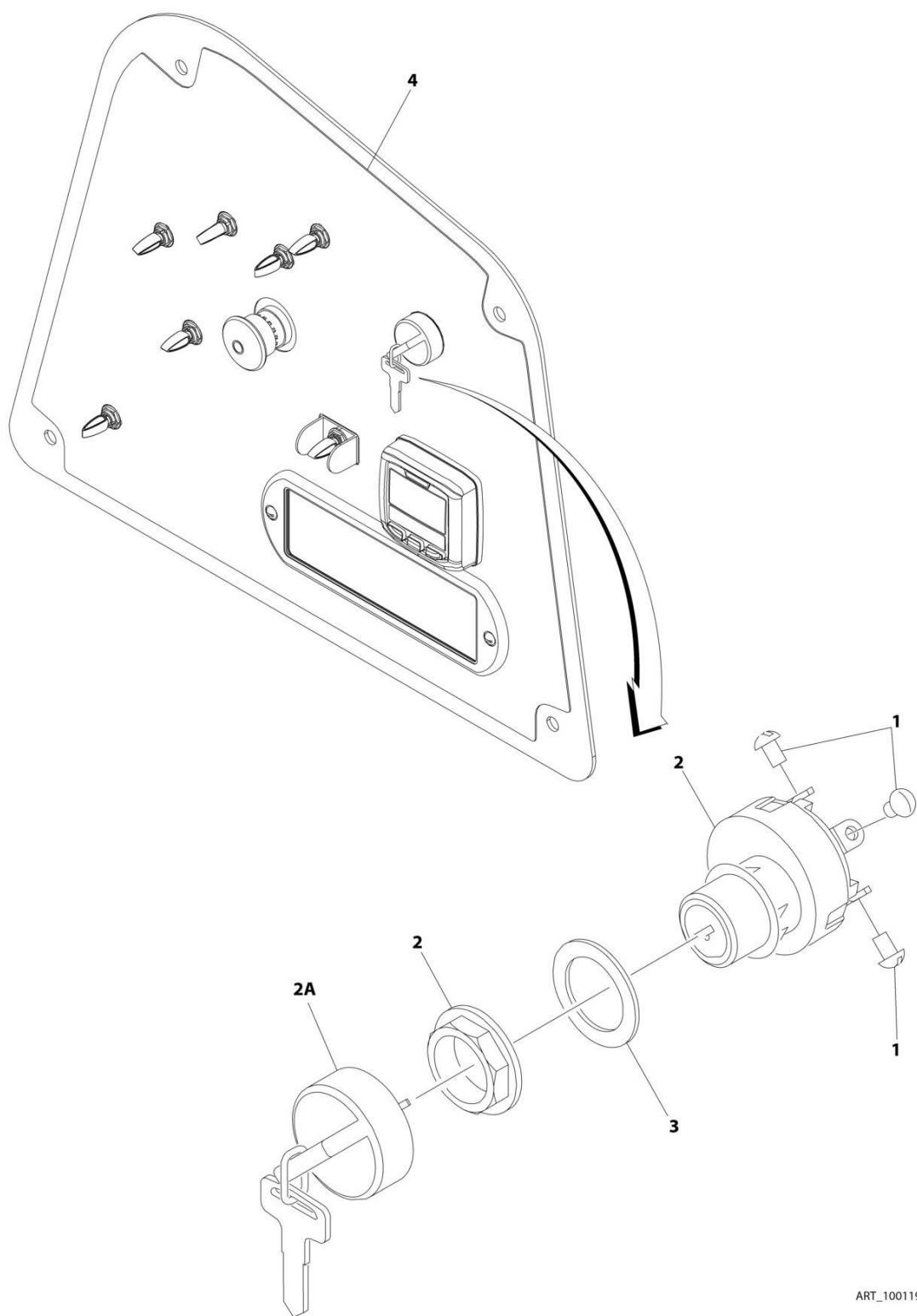
SECTION 2 - TURNTABLE

FIGURE 2-27. KEYSWITCH INSTALLATION - 600S (CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001192281	Ref	KEYSWITCH INSTALLATION	B
1	3910804	6	Screw #8-32 x 1/4	
2	4360387	1	Switch, Push Button	
3	4360469	1	Switch, Key	
3A	2860030	1 Set	Key, Replacement	
4	1001151393	1	Shim	
5	1001176469	1	Shroud, Switch	
6	1001192264	1	Decal - Ground Control Panel	

SECTION 2 - TURNTABLE

FIGURE 2-28. KEYSWITCH INSTALLATION - 660SJ (ALL SPECS EXCEPT CE SPECS)



ART_1001192087

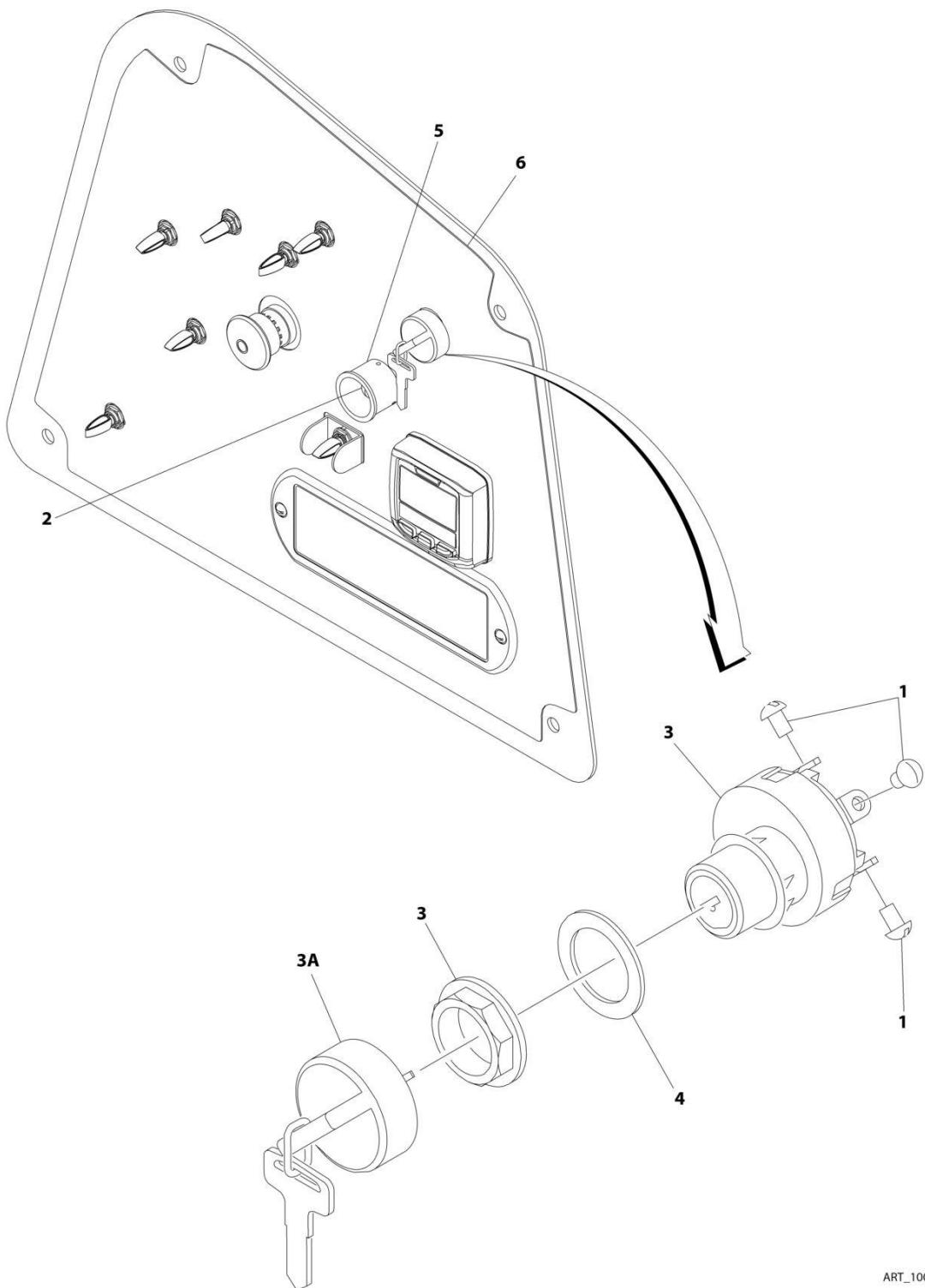
SECTION 2 - TURNTABLE

FIGURE 2-28. KEYSWITCH INSTALLATION - 660SJ (ALL SPECS EXCEPT CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001192087	Ref	KEYSWITCH INSTALLATION	B
1	3910804	6	Screw #8 x 1/4	
2	4360469	1	Switch, Key	
2A	2860030	1 Set	Key, Replacement	
3	1001151393	1	Shim	
4	1001192775	1	Decal - Ground Control Panel	

SECTION 2 - TURNTABLE

FIGURE 2-29. KEYSWITCH INSTALLATION - 660SJ (CE SPECS)



ART_1001192282

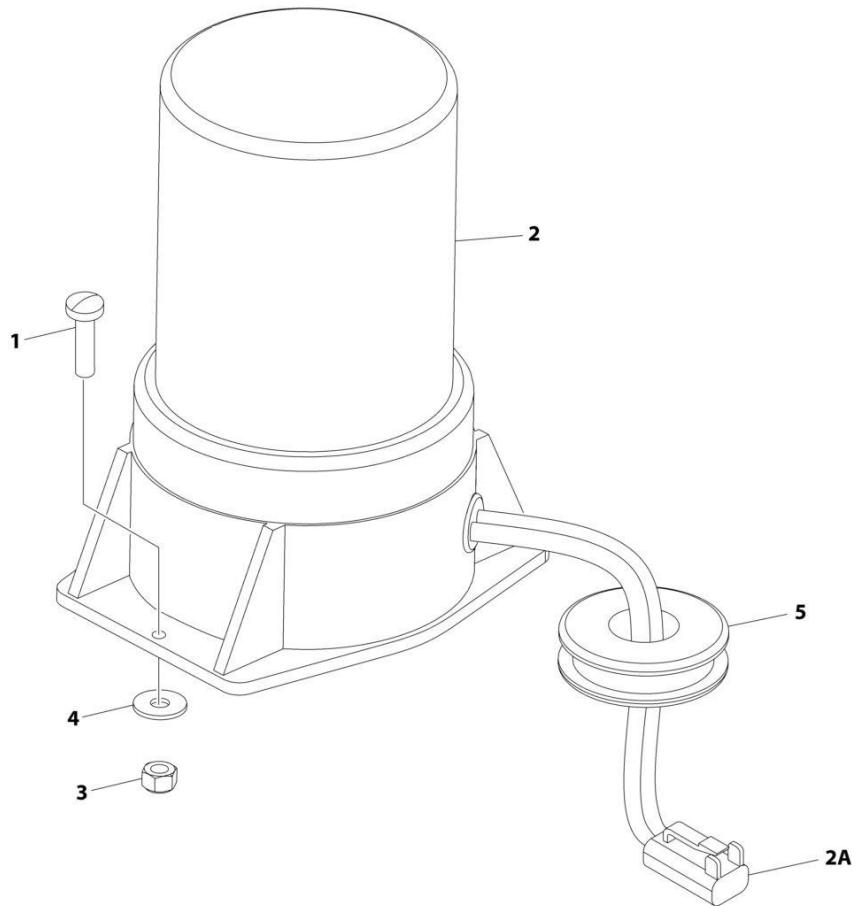
SECTION 2 - TURNTABLE

FIGURE 2-29. KEYSWITCH INSTALLATION - 660SJ (CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001192282	Ref	KEYSWITCH INSTALLATION	B
1	3910804	6	Screw #8 x 1/4	
2	4360387	1	Switch, Push Button	
3	4360469	1	Switch, Key	
3A	2860030	1 Set	Key, Replacement	
4	1001151393	1	Shim	
5	1001176469	1	Shroud, Switch	
6	1001192088	1	Decal - Ground Control Panel	

SECTION 2 - TURNTABLE

FIGURE 2-30. STROBE LIGHT INSTALLATION - AMBER (OPTIONAL)



ART_1001191557

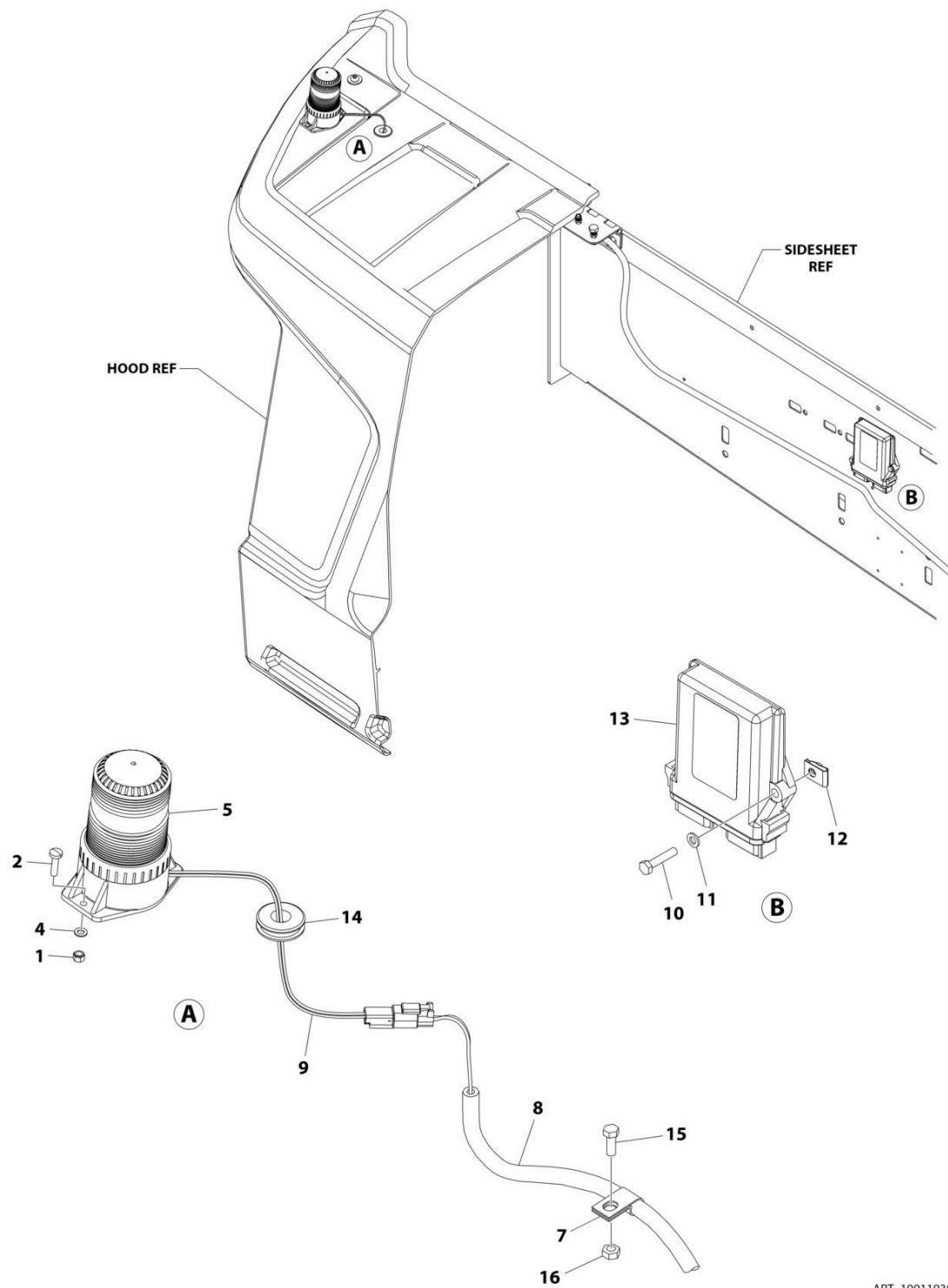
SECTION 2 - TURNTABLE

FIGURE 2-30. STROBE LIGHT INSTALLATION - AMBER (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001191557	Ref	STROBE LIGHT INSTALLATION	
1	4010510	2	Screw M5 x 20	
2	2920161	1	Light Strobe (Amber)	
2	7016319	1	Bulb	
2	7016372	1	Lens	
2A	4460891	1	Plug, Male - 2 Position	
2A	4460465	2	Socket, Female	
3	3290505	2	Nut M5	
4	4811600	2	Washer M5	
5	2540020	1	Grommet	
7	4240099	1	Tie-Strap (Not Shown)	

SECTION 2 - TURNTABLE

FIGURE 2-31. STROBE LIGHT INSTALLATION - BLUE (OPTIONAL)



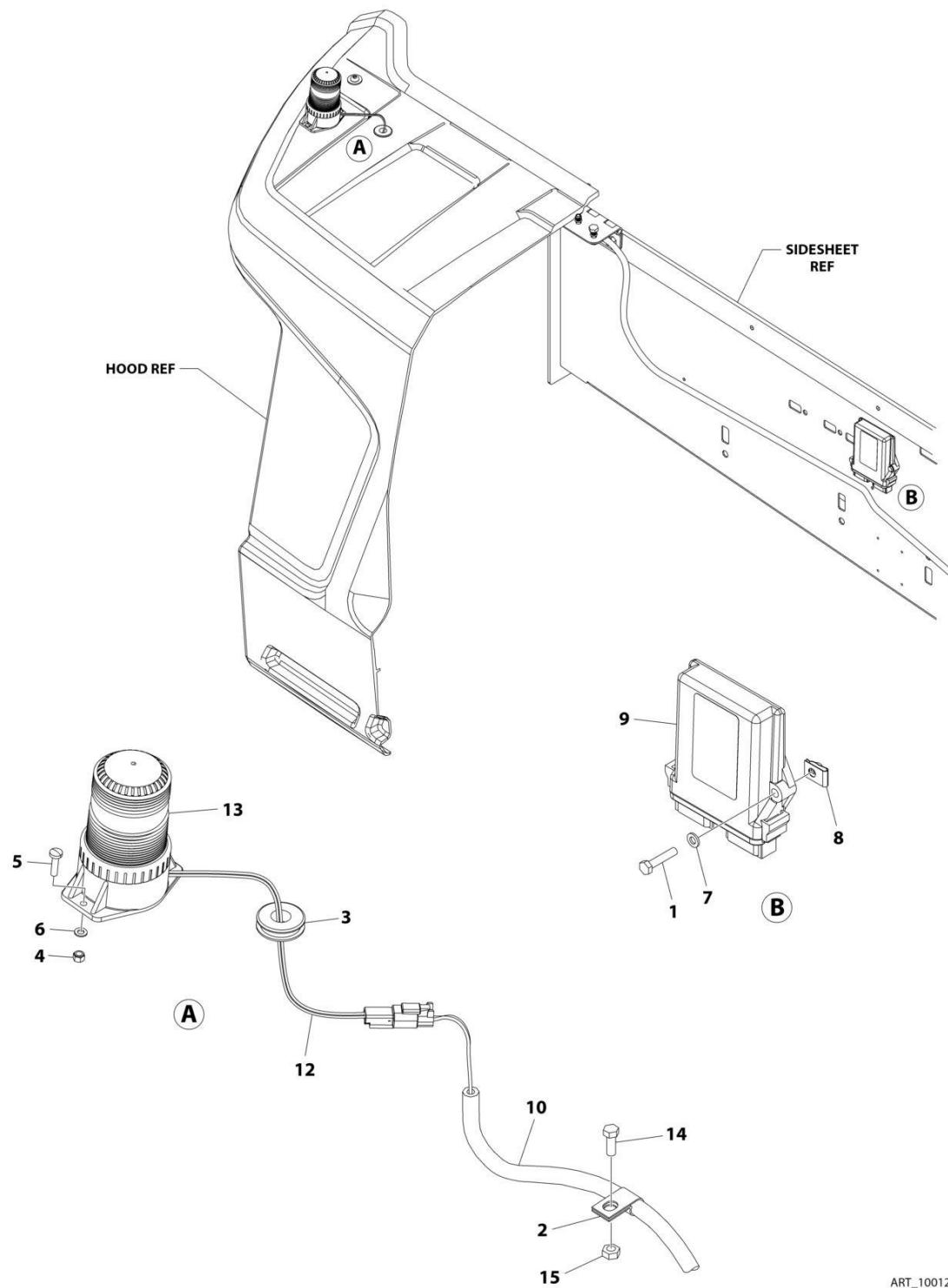
SECTION 2 - TURNTABLE

FIGURE 2-31. STROBE LIGHT INSTALLATION - BLUE (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001193944	Ref	STROBE LIGHT INSTALLATION	
1	3290505	2	Nut M5	
2	4010510	2	Screw M5 x 20	
4	4811600	2	Washer M5	
5	1001200910	1	Light, Strobe (Blue)	
5	4460897	2	Receptacle, Female - 2 Position	
5	4460464	4	Pin, Male	
7	8406110	1	Clip	
8	1001142736	1	Strobe Light Control Harness (See Separate Breakdown in ELECTRICAL SECTION)	
9	1001196458	1	Strobe Light Extension Harness	
9	4460891	1	Plug, Male - 4 Position	
9	4460465	2	Socket, Female	
9	4460897	2	Receptacle, Female - 2 Position	
9	4460464	4	Pin, Male	
10	0760614	2	Bolt M6 x 30	
11	4811700	2	Washer M6	
12	1001130220	2	Nut, Tinerman M6	
13	1001142683	1	Module, Beacon Control	
14	2540020	1	Grommet	
15	0761016	1	Bolt M10 x 40	
16	3291005	1	Nut M10	

SECTION 2 - TURNTABLE

FIGURE 2-32. STROBE LIGHT INSTALLATION - RED (OPTIONAL)



ART_1001212192

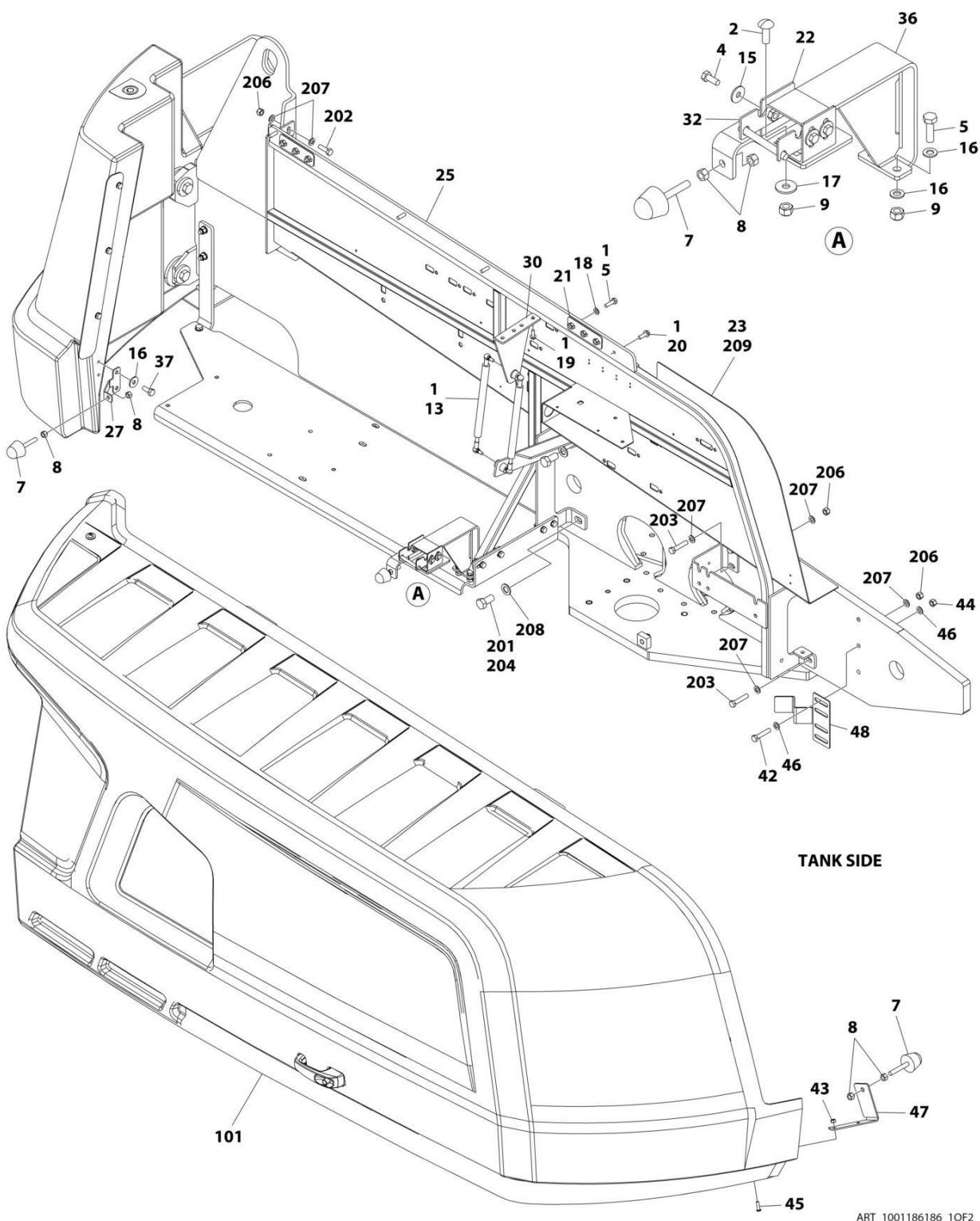
SECTION 2 - TURNTABLE

FIGURE 2-32. STROBE LIGHT INSTALLATION - RED (OPTIONAL)

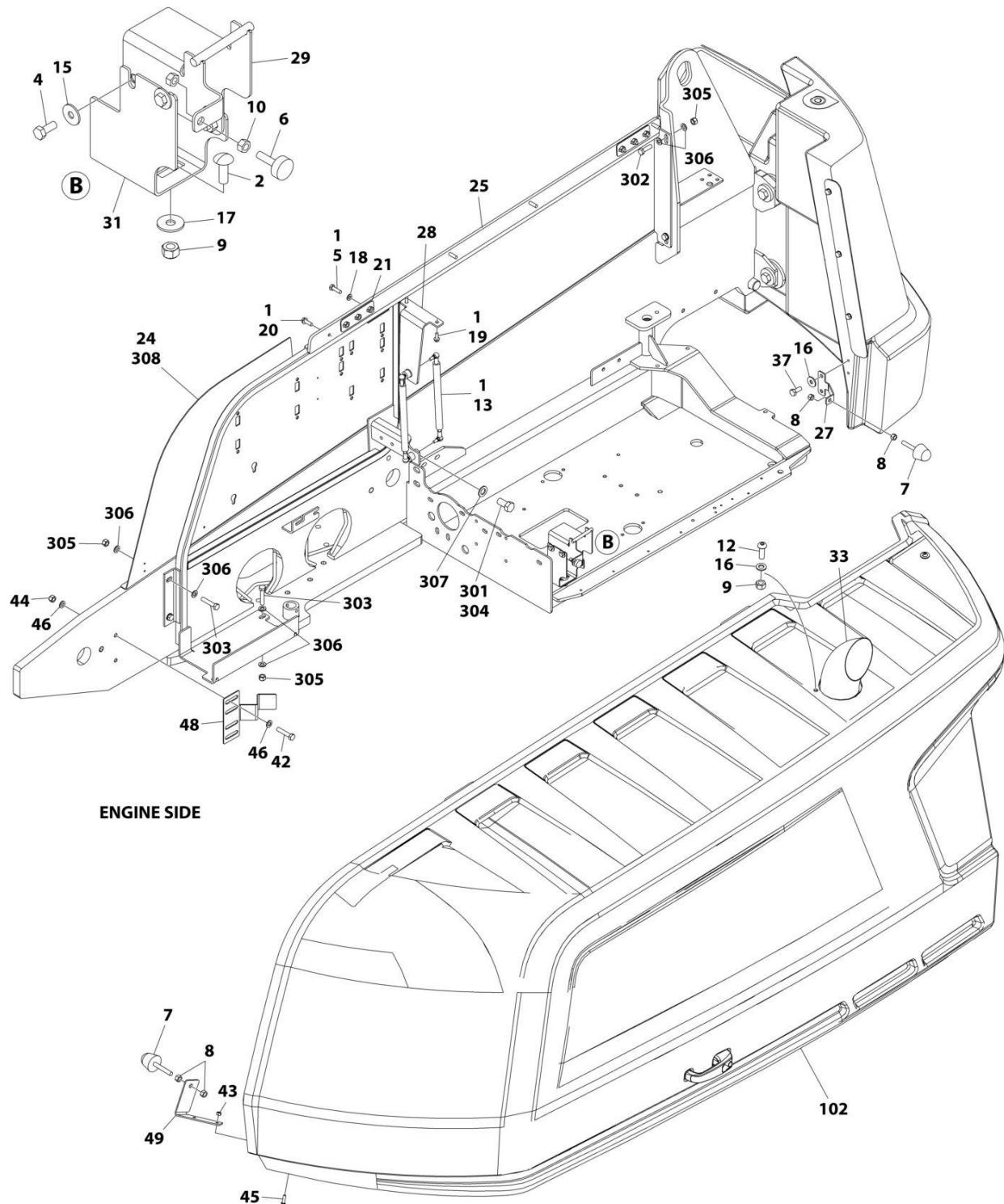
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212192	Ref	STROBE LIGHT INSTALLATION	
1	0760614	2	Bolt M6 x 30	
2	8406110	1	Clip	
3	2540020	1	Grommet	
4	3290505	2	Nut M5	
5	4010510	2	Screw M5 x 20	
6	4811600	2	Washer M5	
7	4811700	2	Washer M6	
8	1001130220	2	Nut, Tinerman M6	
9	1001142683	1	Module, Beacon Control	
10	1001142736	1	Strobe Light Control Harness (See Separate Breakdown in ELECTRICAL SECTION)	
12	1001196458	1	Strobe Light Extension Harness	
12	4460891	1	Plug, Male - 4 Position	
12	4460465	2	Socket, Female	
12	4460897	2	Receptacle, Female - 2 Position	
12	4460464	4	Pin, Male	
13	1001207004	1	Light, Strobe (Red)	
13	4460897	2	Receptacle, Female - 2 Position	
13	4460464	4	Pin, Male	
14	0761016	1	Bolt M10 x 40	
15	3291005	1	Nut M10	

SECTION 2 - TURNTABLE

FIGURE 2-33. HOODS INSTALLATIONS - ABS



SECTION 2 - TURNTABLE



ART_1001186186_2OF2

SECTION 2 - TURNTABLE

FIGURE 2-33. HOODS INSTALLATIONS - ABS

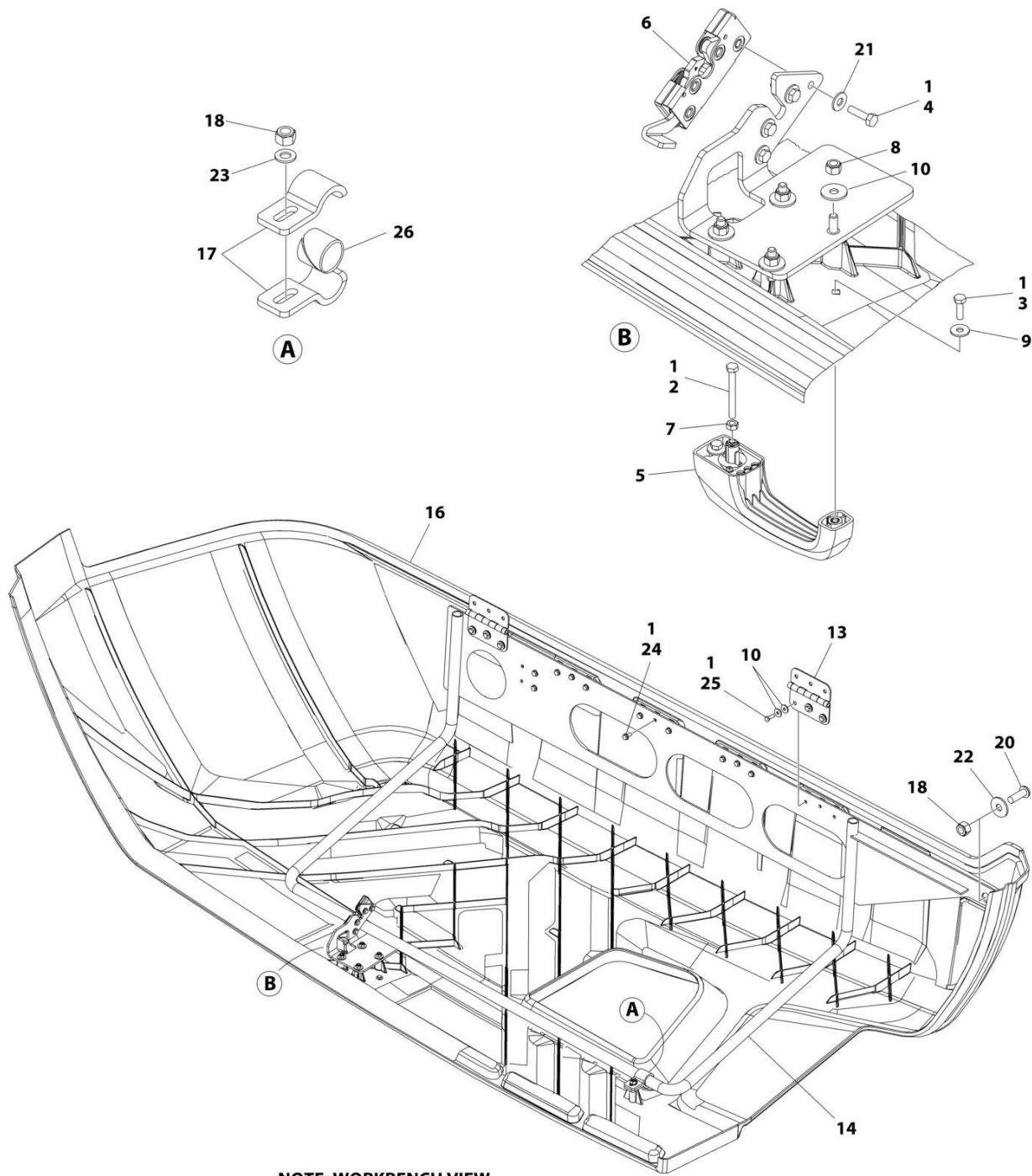
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186186	Ref	HOODS INSTALLATIONS	
1	0100011	AR	Compound, Locking	
2	0630613	4	Bolt M10 x 30	
4	0760810	8	Bolt M8 x 20	
5	0761015	14	Bolt M10 x 35	
6	0940049	1	Stopper	
7	1001206314	5	Bumper	
8	3311601	10	Nut 3/8	
9	3291005	8	Nut M10	
10	3311501	2	Nut 5/16	
12	1001174673	2	Screw M10 x 30	
13	1001210762	4	Spring, Gas	
15	4811902	8	Washer M8	
16	4812000	6	Washer M10	
17	4812002	6	Washer M10	
18	5241000	12	Washer M10	
19	5250812	4	Bolt M8 x 25	
20	5251014	8	Bolt M10 x 30	
21	1001169046	4	Nut, Hinge	
22	1001172615	1	Mount	
23	1001187950	1	Side-Sheet Assembly - Tank Side (See Items 201-209 for Breakdown)	
24	1001187951	1	Side-Sheet Assembly - Engine Side (See Items 301-308 for Breakdown)	
25	1001189067	2	Mount	
27	1001190338	2	Bracket	
28	1001190476	1	Bracket	
29	1001190756	1	Support	
30	1001192841	1	Bracket	
31	1001192842	1	Mount	
32	1001192843	1	Support	
33	1001193760	1	Pipe, Exhaust	
36	1001206880	1	Support	
37	0701012	2	Bolt M10 x 25	
42	0701220	2	Bolt M12 x 60	
43	3290605	4	Nut M6	
44	3291205	2	Nut M12	
45	3900364	4	Screw M6 x 20	
46	4812100	4	Washer M12	
47	1001213543	1	Bracket	
48	1001231310	2	Bracket	
49	1001213744	1	Bracket	
100	1001227887	1	Hood Kit (Not Shown)	
101	1001195454	1	Hood Assembly - Tank Side (See Separate Breakdown in this Section)	
102	1001195455	1	Hood Assembly - Engine Side (See Separate Breakdown in this Section)	
	1001187950	Ref	SIDE-SHEET ASSEMBLY - TANK SIDE	C
201	0100011	AR	Compound, Locking	
202	0701216	2	Bolt M12 x 40	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
203	0701220	4	Bolt M12 x 60	
204	0762016	2	Bolt M20 x 40	
206	3291205	6	Nut M12	
207	4812100	12	Washer M12	
208	4812500	2	Washer M20	
209	1001188194	1	Side-Sheet, Tank Side	
	1001187951	Ref	SIDE-SHEET ASSEMBLY - ENGINE SIDE	B
301	0100011	AR	Compound, Locking	
302	0701216	2	Bolt M12 x 40	
303	0701220	3	Bolt M12 x 60	
304	0762016	1	Bolt M20 x 40	
305	3291205	5	Nut M12	
306	4812100	10	Washer M12	
307	4812500	1	Washer M20	
308	1001188187	1	Side-Sheet, Engine Side	

SECTION 2 - TURNTABLE

FIGURE 2-34. HOOD ASSEMBLY - TANK SIDE (ABS)



ART_1001195454

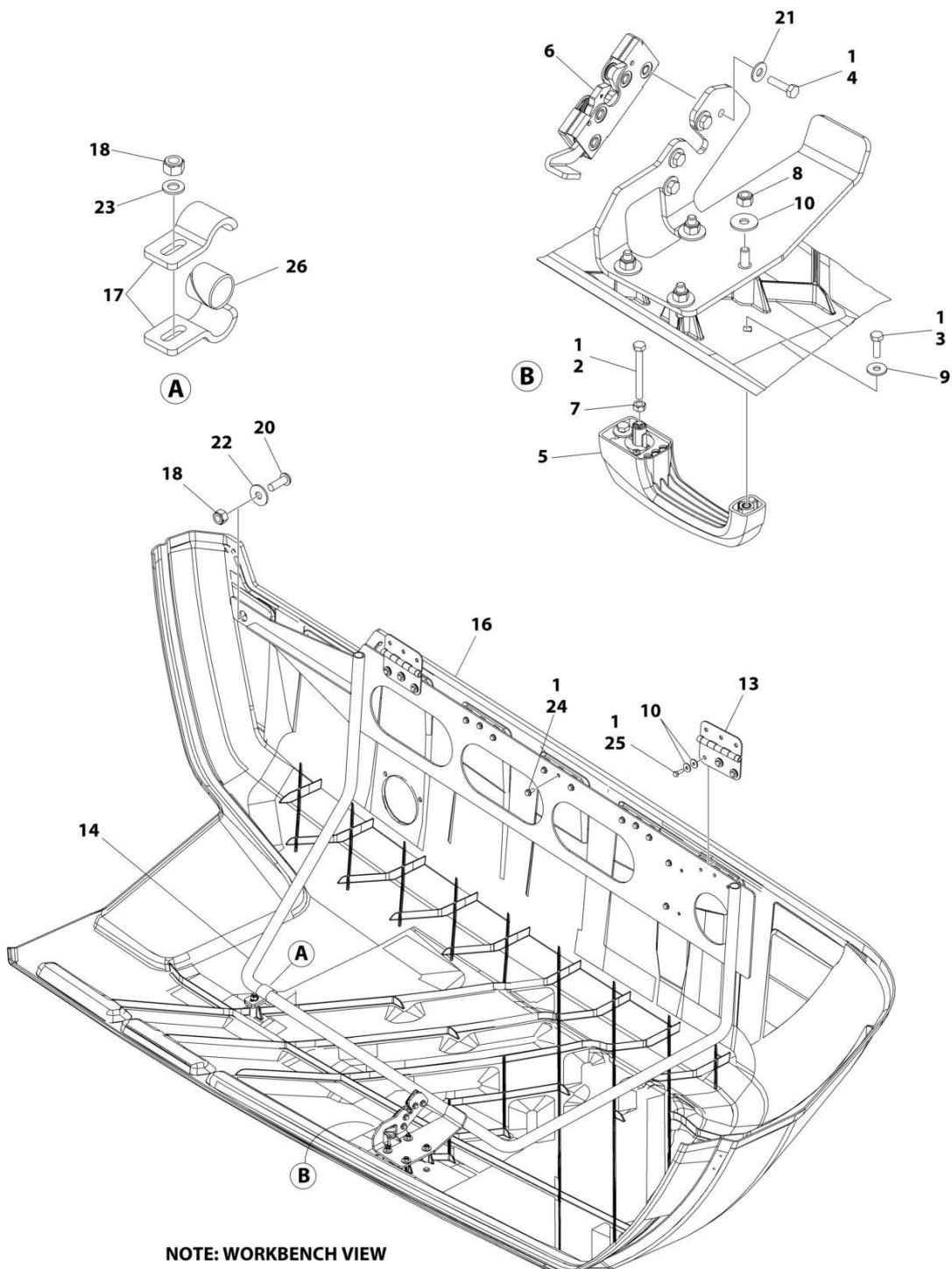
SECTION 2 - TURNTABLE

FIGURE 2-34. HOOD ASSEMBLY - TANK SIDE (ABS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001195454	Ref	HOOD ASSEMBLY	
1	0100011	AR	Compound, Locking	E
2	0700619	1	Bolt M6 x 55	
3	0760610	2	Bolt M6 x 20	
4	0641408	4	Bolt 1/4 x 1	
5	2560187	1	Handle, Push Button	
6	2940173	1	Latch, Rotary	
7	3290601	1	Nut M6	
8	3290805	4	Nut M8	
9	4811702	2	Washer M6	
10	4811902	16	Washer M8	
13	1001139384	2	Hinge	
14	1001204303	1	Support	
16	1001193168	1	Hood	
17	1321384	2	Clamp	
18	3291005	2	Nut M10	
20	1001174673	1	Screw M10 x 30	
21	4751400	4	Washer 1/4	
22	4812002	1	Washer M10	
23	4812000	1	Washer M10	
24	5250810	11	Bolt M8 x 20	
25	0760812	6	Bolt M8 x 25	
26	1001227367	1	Bearing	

SECTION 2 - TURNTABLE

FIGURE 2-35. HOOD ASSEMBLY - ENGINE SIDE (ABS)



ART_1001195455

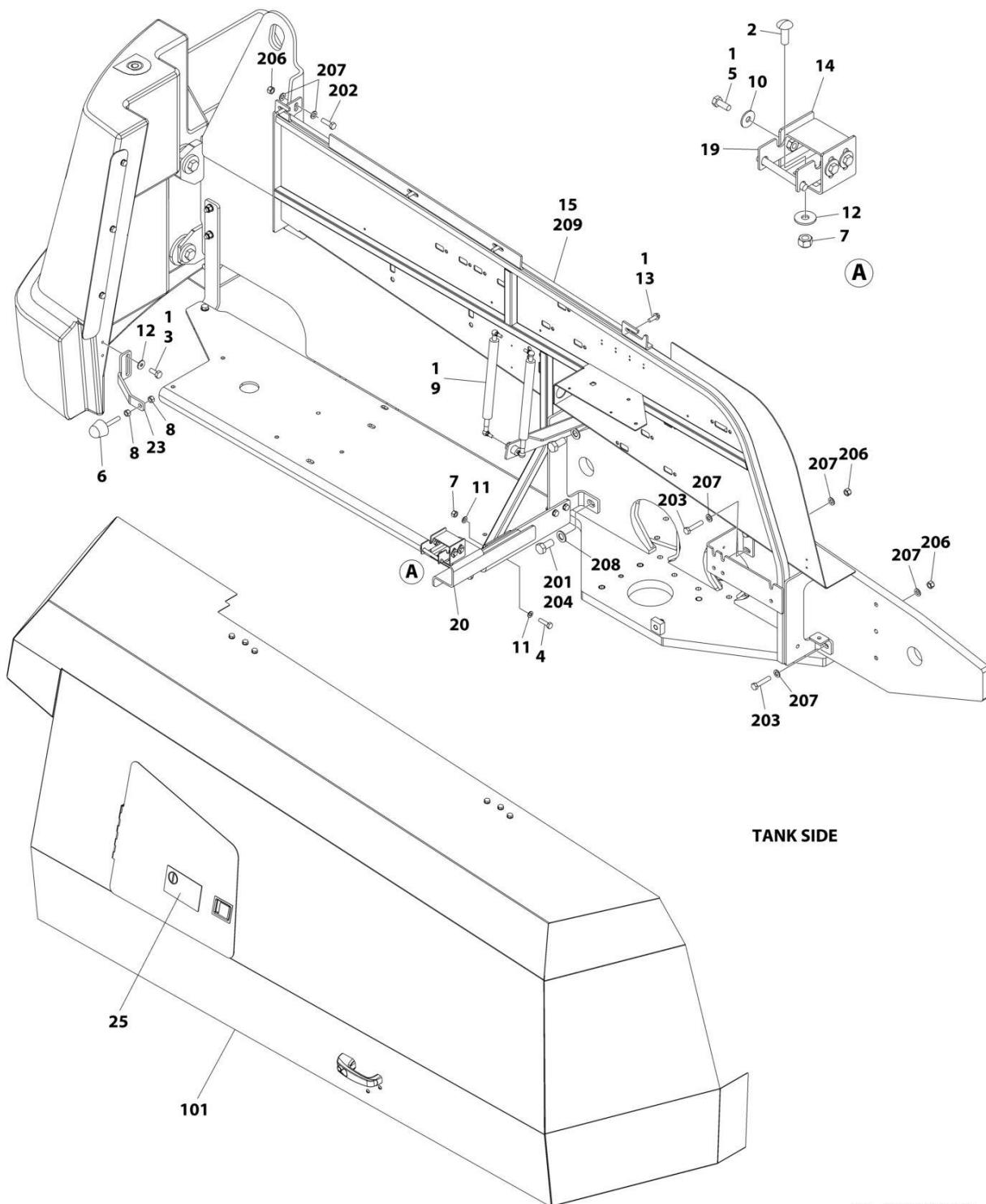
SECTION 2 - TURNTABLE

FIGURE 2-35. HOOD ASSEMBLY - ENGINE SIDE (ABS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001195455	Ref	HOOD ASSEMBLY	
1	0100011	AR	Compound, Locking	E
2	0700619	1	Bolt M6 x 55	
3	0760610	2	Bolt M6 x 20	
4	0641408	4	Bolt 1/4 x 1	
5	2560187	1	Handle, Push Button	
6	2940173	1	Latch, Rotary	
7	3290601	1	Nut M6	
8	3290805	4	Nut M8	
9	4811702	2	Washer M6	
10	4811902	16	Washer M8	
13	1001139384	2	Hinge	
14	1001204251	1	Support	
16	1001193169	1	Hood	
17	1321384	2	Clamp	
18	3291005	2	Nut M10	
20	1001174673	1	Screw M10 x 30	
21	4751400	4	Washer 1/4	
22	4812002	1	Washer M10	
23	4812000	1	Washer M10	
24	5250810	11	Bolt M8 x 20	
25	0760812	6	Bolt M8 x 25	
26	1001227367	1	Bearing	

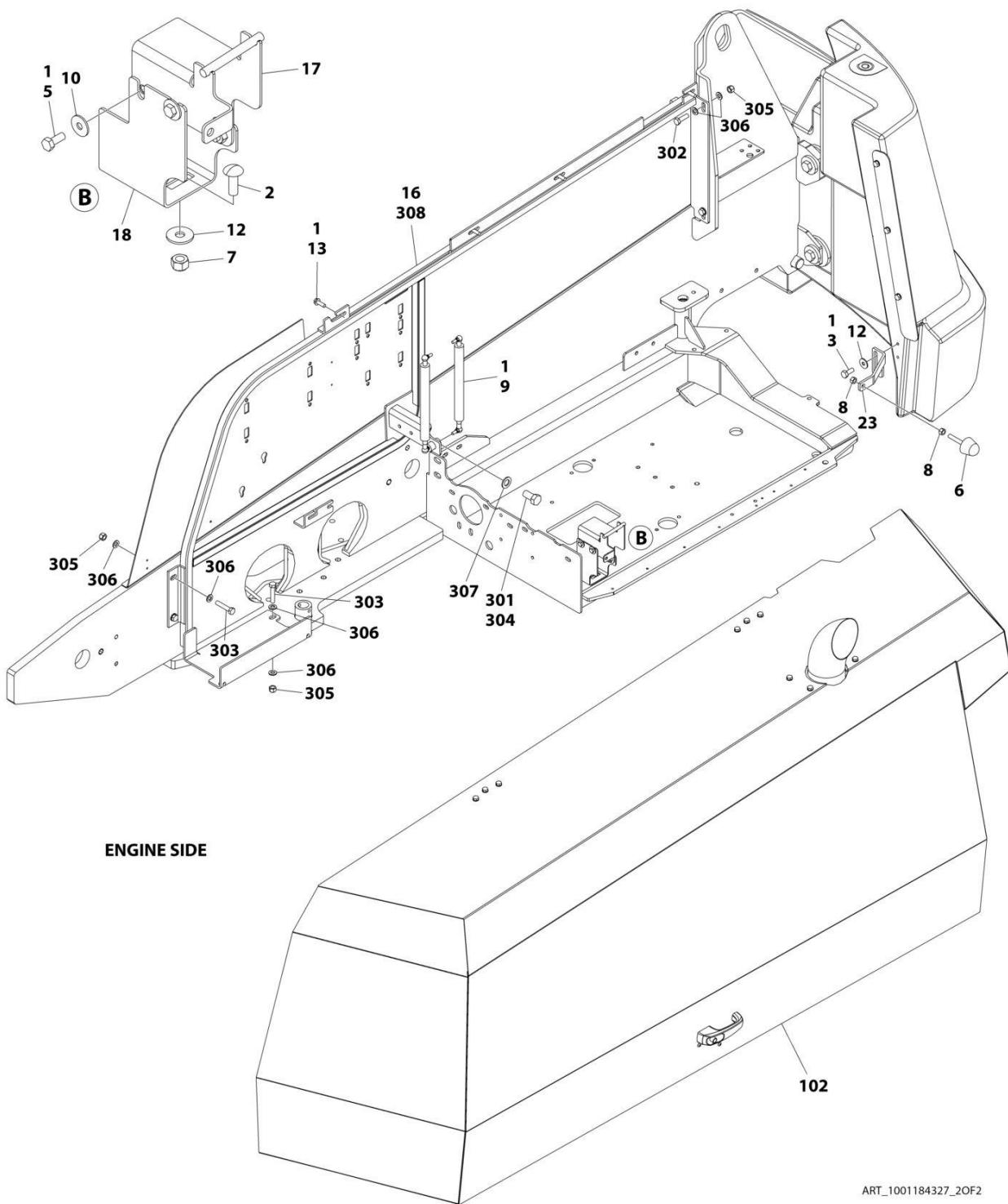
SECTION 2 - TURNTABLE

FIGURE 2-36. HOODS INSTALLATIONS - STEEL



ART_1001184327_1OF2

SECTION 2 - TURNTABLE



ART_1001184327_2OF2

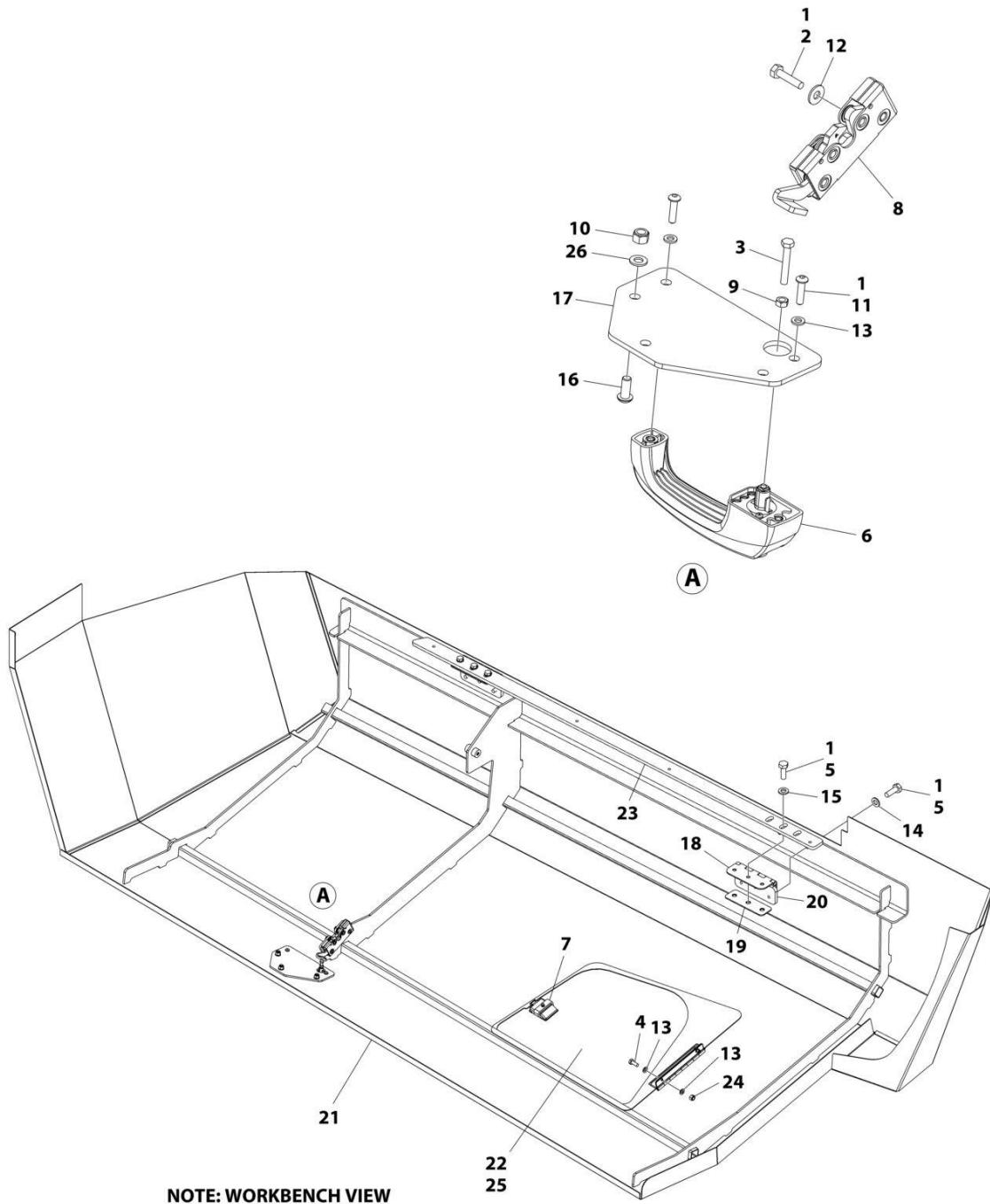
SECTION 2 - TURNTABLE

FIGURE 2-36. HOODS INSTALLATIONS - STEEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184327	Ref	HOODS INSTALLATIONS	
1	0100011	AR	Compound, Locking	J
2	0630613	4	Bolt M10 x 30	
3	0701012	4	Bolt M10 x 25	
4	0701016	2	Bolt M10 x 40	
5	0760810	8	Bolt M8 x 20	
6	1001206314	2	Bumper	
7	3291005	6	Nut M10	
8	3311601	4	Nut 3/8	
9	1001219138	4	Spring, Gas	
10	4811902	8	Washer M8	
11	4812000	4	Washer M10	
12	4812002	8	Washer M10	
13	5251014	8	Bolt M10 x 30	
14	1001172615	1	Mount	
15	1001187950	1	Side-Sheet Assembly - Tank Side (See Items 201-209 for Breakdown)	
16	1001187951	1	Side-Sheet Assembly - Engine Side (See Items 301-308 for Breakdown)	
17	1001190756	1	Support	
18	1001192842	1	Mount	
19	1001192843	1	Support	
20	1001195535	1	Mount	
23	1001212333	2	Bracket	
25	1001117307	1	Decal - Emergency Stop	
100	1001227888	1	Hood Kit (Not Shown)	
101	1001211762	1	Hood Assembly - Tank Side (See Separate Breakdown in this Section)	
102	1001211774	1	Hood Assembly - Engine Side (See Separate Breakdown in this Section)	
	1001187950	Ref	SIDE-SHEET ASSEMBLY - TANK SIDE	C
201	0100011	AR	Compound, Locking	
202	0701216	2	Bolt M12 x 40	
203	0701220	4	Bolt M12 x 60	
204	0762016	2	Bolt M20 x 40	
206	3291205	6	Nut M12	
207	4812100	12	Washer M12	
208	4812500	2	Washer M20	
209	1001188194	1	Side-Sheet, Tank Side	
	1001187951	Ref	SIDE-SHEET ASSEMBLY - ENGINE SIDE	B
301	0100011	AR	Compound, Locking	
302	0701216	2	Bolt M12 x 40	
303	0701220	3	Bolt M12 x 60	
304	0762016	1	Bolt M20 x 40	
305	3291205	5	Nut M12	
306	4812100	10	Washer M12	
307	4812500	1	Washer M20	
308	1001188187	1	Side-Sheet, Engine Side	

SECTION 2 - TURNTABLE

FIGURE 2-37. HOOD ASSEMBLY - TANK SIDE (STEEL)



ART_1001211762

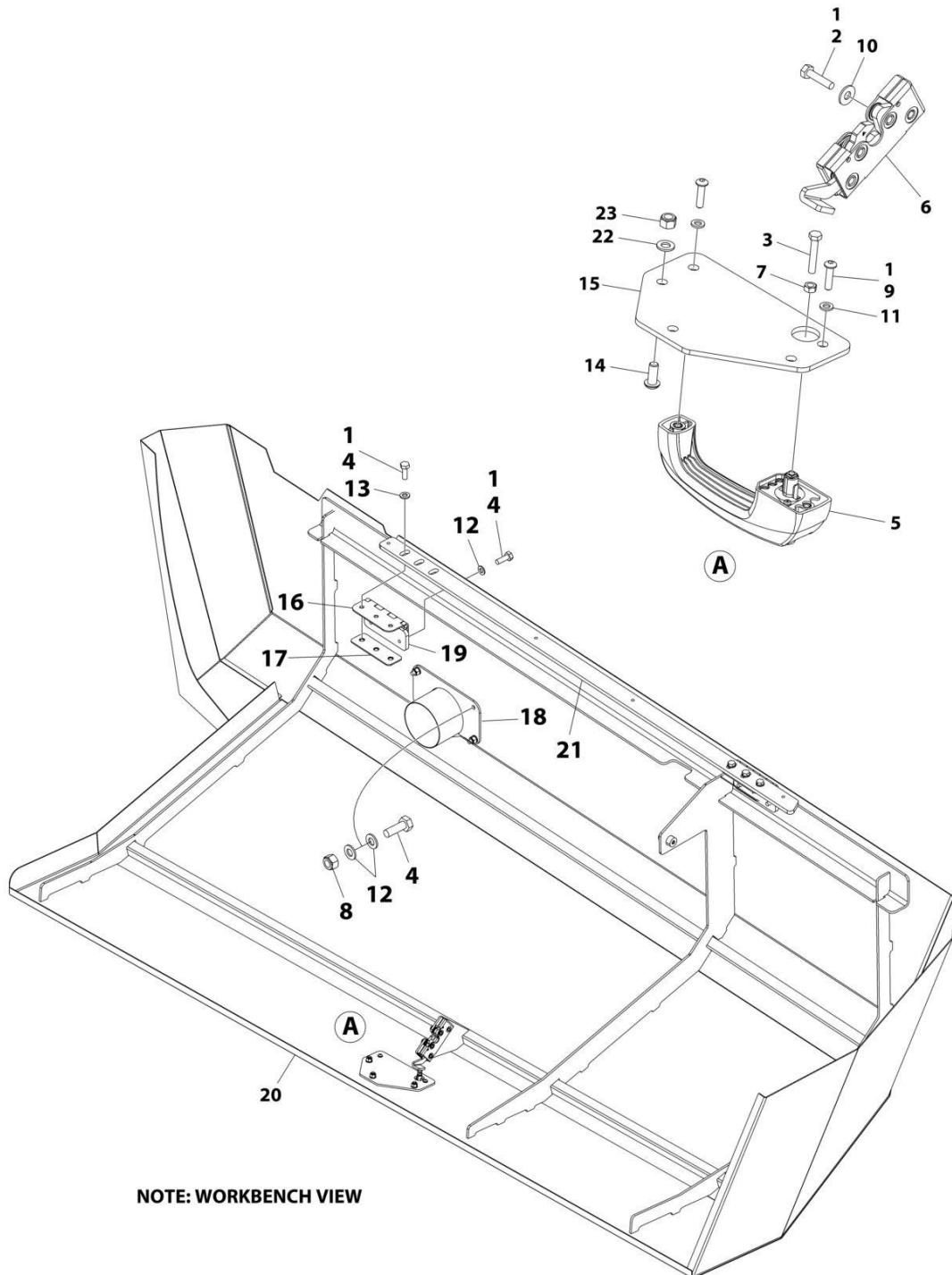
SECTION 2 - TURNTABLE

FIGURE 2-37. HOOD ASSEMBLY - TANK SIDE (STEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001211762	Ref	HOOD ASSEMBLY	
1	0100011	AR	Compound, Locking	
2	0641409	4	Bolt 1/4 x 1-1/8	
3	0700616	1	Bolt M6 x 40	
4	0760608	2	Bolt M6 x 16	
5	0761014	12	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	3290805	3	Nut M8	
11	3900363	2	Screw M6 x 25	
12	4751400	4	Washer 1/4	
13	4811700	6	Washer M6	
14	4812000	6	Washer M10	
15	5241000	6	Washer M10	
16	1001164726	3	Screw M8 x 20	
17	1001116290	1	Plate	
18	1001139384	2	Hinge	
19	1001169046	2	Nut, Hinge	
20	1001202333	2	Plate, Nut	
21	1001211752	1	Hood	
22	1001211760	1	Door	
23	1001211761	1	Plate	
24	3290605	2	Nut M6	
25	1001113047	78 in/ 2m	Seal	
26	4811900	3	Washer M8	

SECTION 2 - TURNTABLE

FIGURE 2-38. HOOD ASSEMBLY - ENGINE SIDE (STEEL)



ART_1001211774

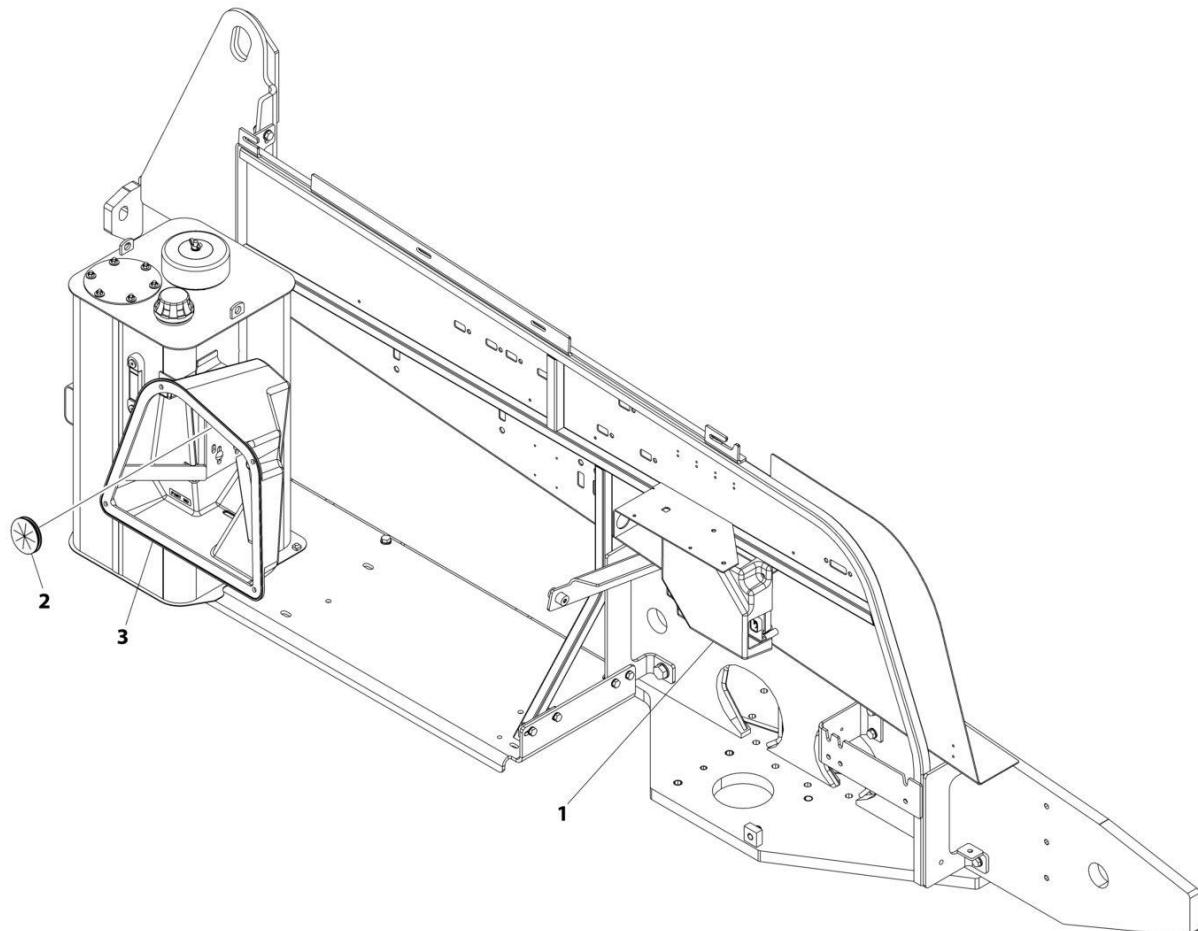
SECTION 2 - TURNTABLE

FIGURE 2-38. HOOD ASSEMBLY - ENGINE SIDE (STEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001211774	Ref	HOOD ASSEMBLY	
1	0100011	AR	Compound, Locking	
2	0641409	4	Bolt 1/4 x 1-1/8	
3	0700615	1	Bolt M6 x 35	
4	0761014	16	Bolt M10 x 30	
5	2560187	1	Handle , Push Button	
6	2940173	1	Latch, Rotary	
7	3290601	1	Nut M6	
8	3291005	4	Nut M10	
9	3900363	2	Screw M6 x 25	
10	4751400	4	Washer 1/4	
11	4811700	2	Washer M6	
12	4812000	14	Washer M10	
13	5241000	6	Washer M10	
14	1001164726	3	Screw M8 x 20	
15	1001116290	1	Plate	
16	1001139384	2	Hinge	
17	1001169046	2	Nut, Hinge	
18	1001194888	1	Pipe, Exhaust	
19	1001202333	2	Plate, Nut	
20	1001211767	1	Hood	
21	1001211773	1	Plate	
22	4811900	3	Washer M8	
23	3290805	3	Nut M8	

SECTION 2 - TURNTABLE

FIGURE 2-39. COVERS INSTALLATION



ART_1001219128

SECTION 2 - TURNTABLE

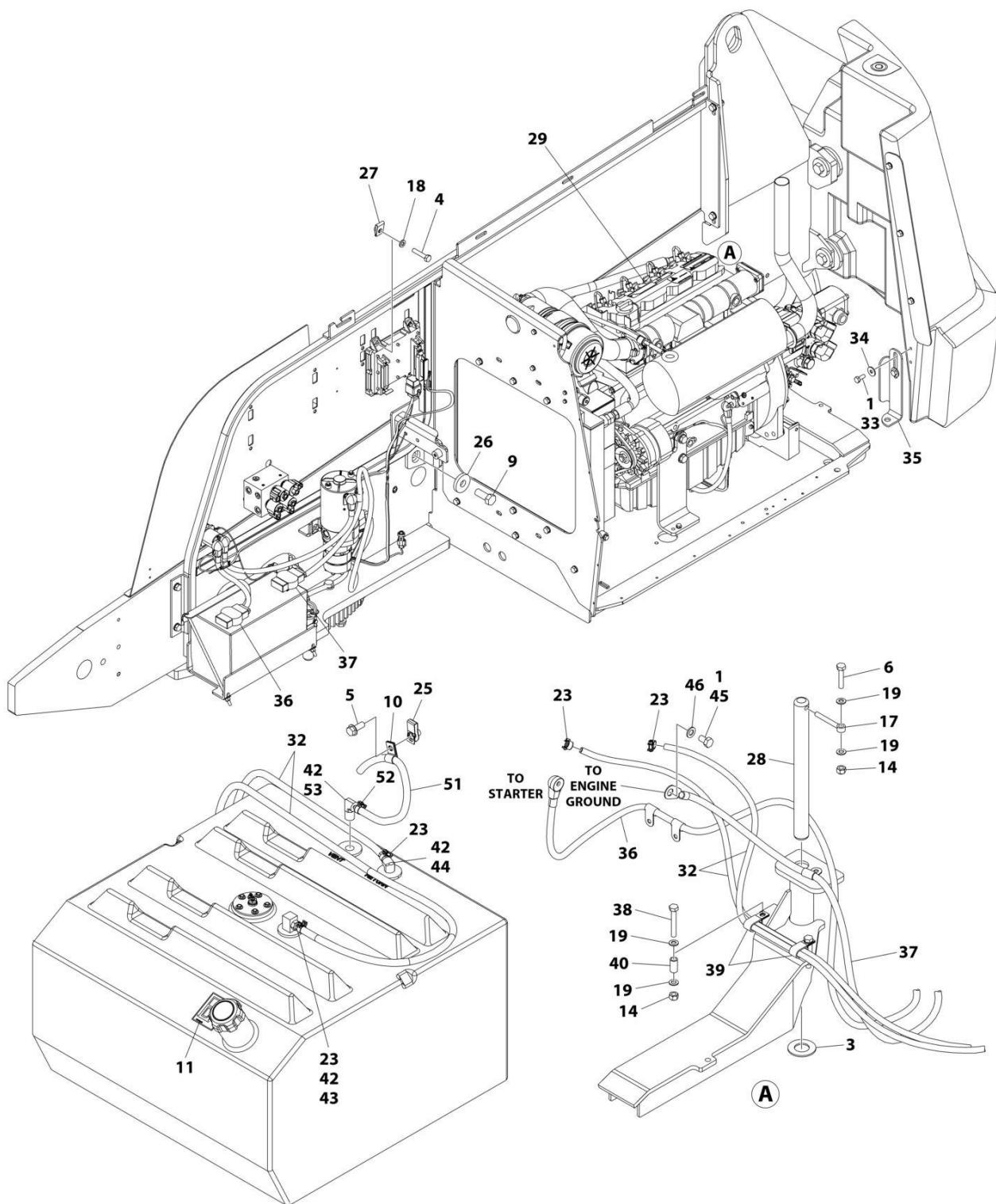
FIGURE 2-39. COVERS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001219128	Ref	COVERS INSTALLATION	A
1	1001218539	1	Cover, Controller	
2	1001218676	1	Grommet	
3	1001220638	1	Cover, Ground Control	

SECTION 3 - ENGINE

SECTION 3 - ENGINE

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



ART_1001186808

SECTION 3 - ENGINE

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

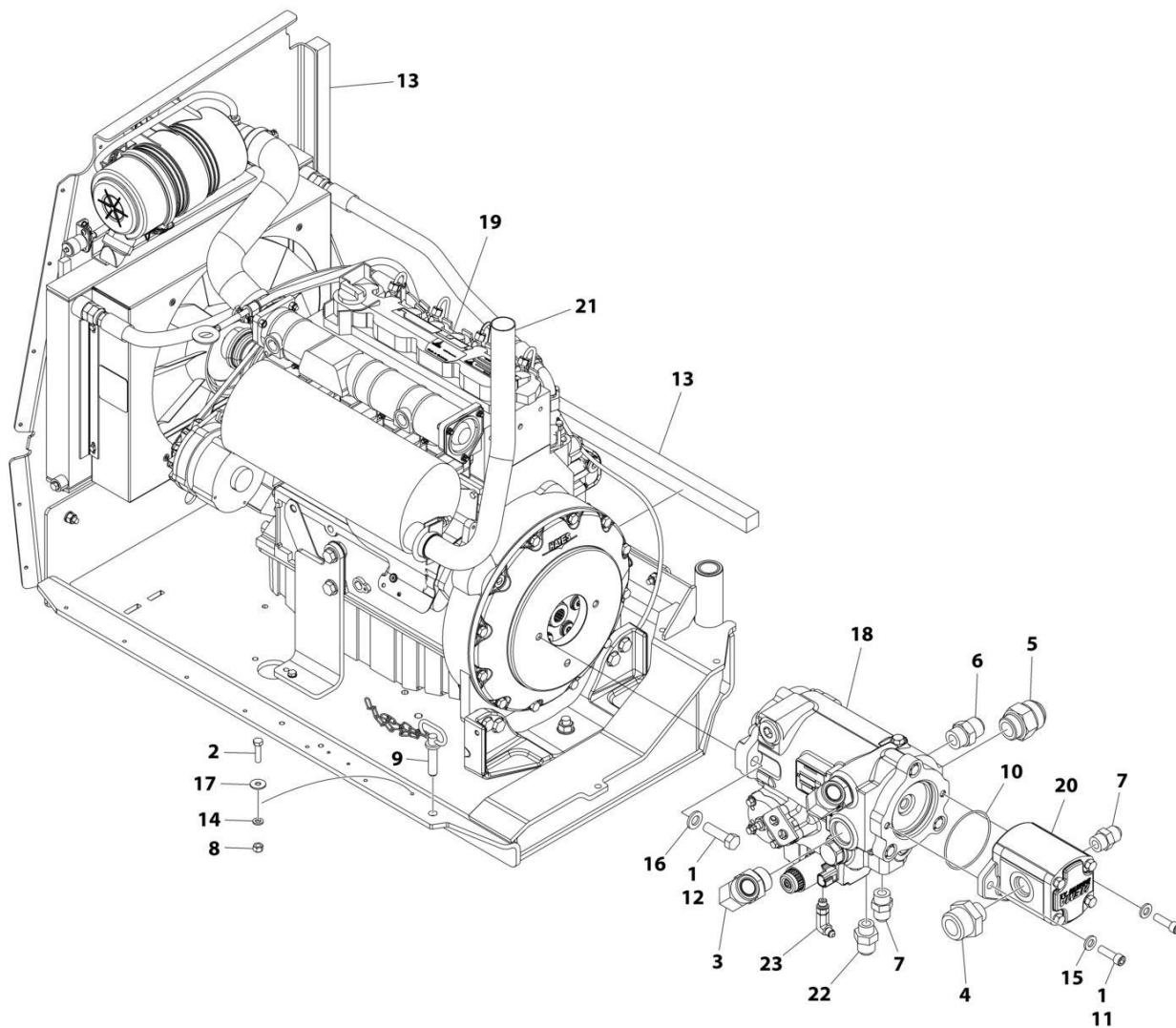
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186808	Ref	DEUTZ D2011 ENGINE INSTALLATION	
1	0100011	AR	Compound, Locking	
3	0440162	1	Bearing	
4	0700614	4	Bolt M6 x 30	
5	5251012	1	Bolt M10 x 25	
6	0711018	1	Bolt M10 x 50	
9	0772018	1	Bolt M20 x 50	
10	8406110	1	Clip (SN 0300235168 through 0300237156, SN B300002655 through B300002979)	
10	1320061	1	Clamp (SN 0300237157 to Present, SN B300002980 to Present)	
11	1701505	1	Decal - Diesel Fuel	
14	3291005	3	Nut M10	
17	3841143	1	Keeper, Pin	
18	4811700	4	Washer M6	
19	4812000	6	Washer M10	
23	1001174486	AR	Clamp	
25	1001118972	1	Nut, Tinnerman M10	
26	1001119051	1	Washer	
27	1001130220	4	Nut, Tinnerman M6	
28	1001155094	1	Pin	
29	1001186815	1	Deutz D2011 Engine and Pumps Sub-Assembly (See Separate Breakdown in this Section)	
32	2720058	288 in/ 7.3m	Hose, Fuel	
33	0701012	2	Bolt M10 x 70	
34	4812002	2	Washer M10	
35	1001196398	1	Bracket	
36	1001188667	1	Cable, Battery (+) to Aux Relay to Starter	
37	1001188670	1	Cable, Battery (-) to Aux Pump and Ground	
38	0701022	2	Bolt M10 x 70	
39	1001026127	2	Clamp	
40	1001200731	2	Tube	
41	4240099	6	Tie-Strap (Not Shown)	
42	0100020	AR	Sealant	
43	2180348	1	Fitting, Straight NPT x Barb	
44	2221176	AR	Fitting, 90 Barbed	
45	0761210	1	Bolt M12 x 20	
46	4812100	1	Washer M12	
47	1001192690	1	Hose (Case Drain) (Drive Pump Case Gauge Port to Tank) (Not Shown)	
48	1001203431	1	Hose (Case Drain) (Drive Pump Case Outlet Port to Tank) (Not Shown)	
49	1001203432	1	Hose (Function Suction) (Not Shown)	
50	1001203433	1	Hose (Drive Suction) (Not Shown)	
51	2720058	20 in/ 0.5m	Hose, Fuel (SN 0300235168 through 0300237156, SN B300002655 through B300002979)	
51	1001165035	20 in/ 0.5m	Hose (SN 0300237157 to Present, SN B300002980 to Present)	
52	1001174486	1	Clamp (SN 0300235168 through 0300237156, SN B300002655 through B300002979)	
52	1001136975	1	Clamp (SN 0300237157 to Present, SN B300002980 to Present)	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
53	2221176	1	Fitting, 90 Barbed (SN 0300235168 through 0300237156, SN B300002655 through B300002979)	
53	2220313	1	Fitting, 90 NPTF/Barb (SN 0300237157 to Present, SN B300002980 to Present)	
100	1001235699	1	Battery Cable Kit (Includes Items 36 & 37) (Not Shown) (SN 0300237157 to Present, SN B300002980 to Present)	

SECTION 3 - ENGINE

FIGURE 3-2. DEUTZ D2011 ENGINE AND PUMPS SUB-ASSEMBLY - WITHOUT ARCTIC PACKAGE



ART_1001186815

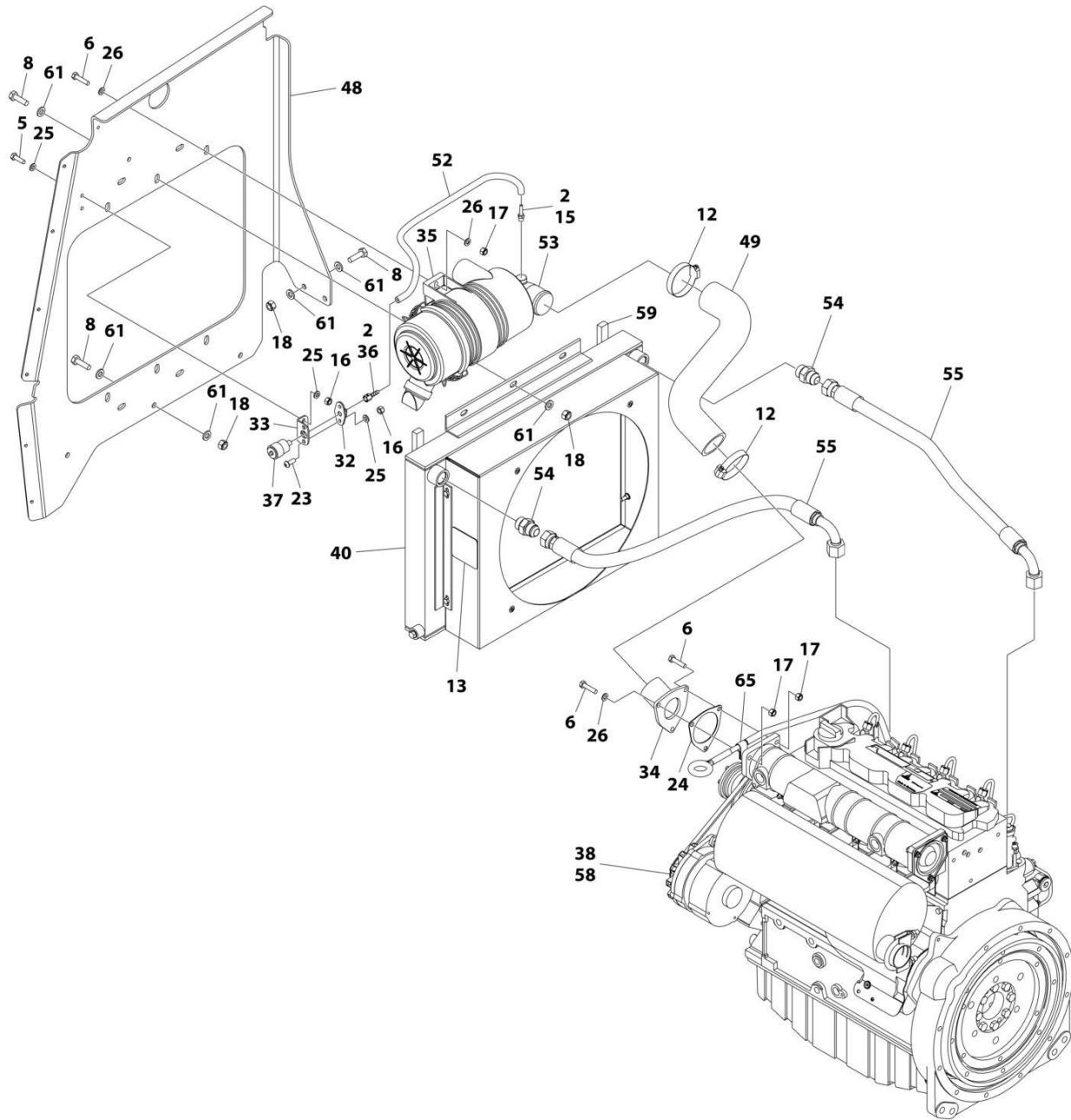
SECTION 3 - ENGINE

FIGURE 3-2. DEUTZ D2011 ENGINE AND PUMPS SUB-ASSEMBLY - WITHOUT ARCTIC PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186815	Ref	DEUTZ D2011 ENGINE AND PUMPS SUB-ASSEMBLY	
1	0100011	AR	Compound, Locking	
2	0760612	1	Bolt M6 x 25	
3	2131616	2	Fitting, 90 ORFS/ORB	
4	2220946	1	Fitting, Straight JIC/ORB	
5	2220479	1	Fitting, Straight JIC/ORB	
6	2220451	1	Fitting, Straight JIC/ORB	
7	2220947	2	Fitting, Straight JIC/ORB	
8	3290605	1	Nut M6	
9	3422532	1	Pin	
10	3790152	1	O-Ring	
11	3931620	2	Capscrew 3/8 x 1-1/4	
11	3931618	2	Capscrew 3/8 x 1-1/8	
12	0641814	2	Bolt 1/2 x 1-3/4	
13	3960469	2	Seal	
14	4811700	1	Washer M6	
15	5241000	2	Washer M10	
16	5241200	2	Washer M12	
17	4811702	1	Washer M6	
18	1001184930	1	Piston Pump Assembly (See Separate Breakdown in this Section)	
19	1001186816	1	Deutz D2011 Engine Assembly (See Separate Breakdown in this Section)	
20	1001190143	1	Gear Pump Assembly	
20	70006356	1	Seal Kit - 1001190143 Pump	
21	1001191273	1	Pipe, Exhaust (SN 0300235168 through 0300247539, SN B300002655 through B300002979)	
22	2220408	1	Fitting, Straight JIC/ORB	
23	2220940	1	Fitting, 90 JIC/ORB	

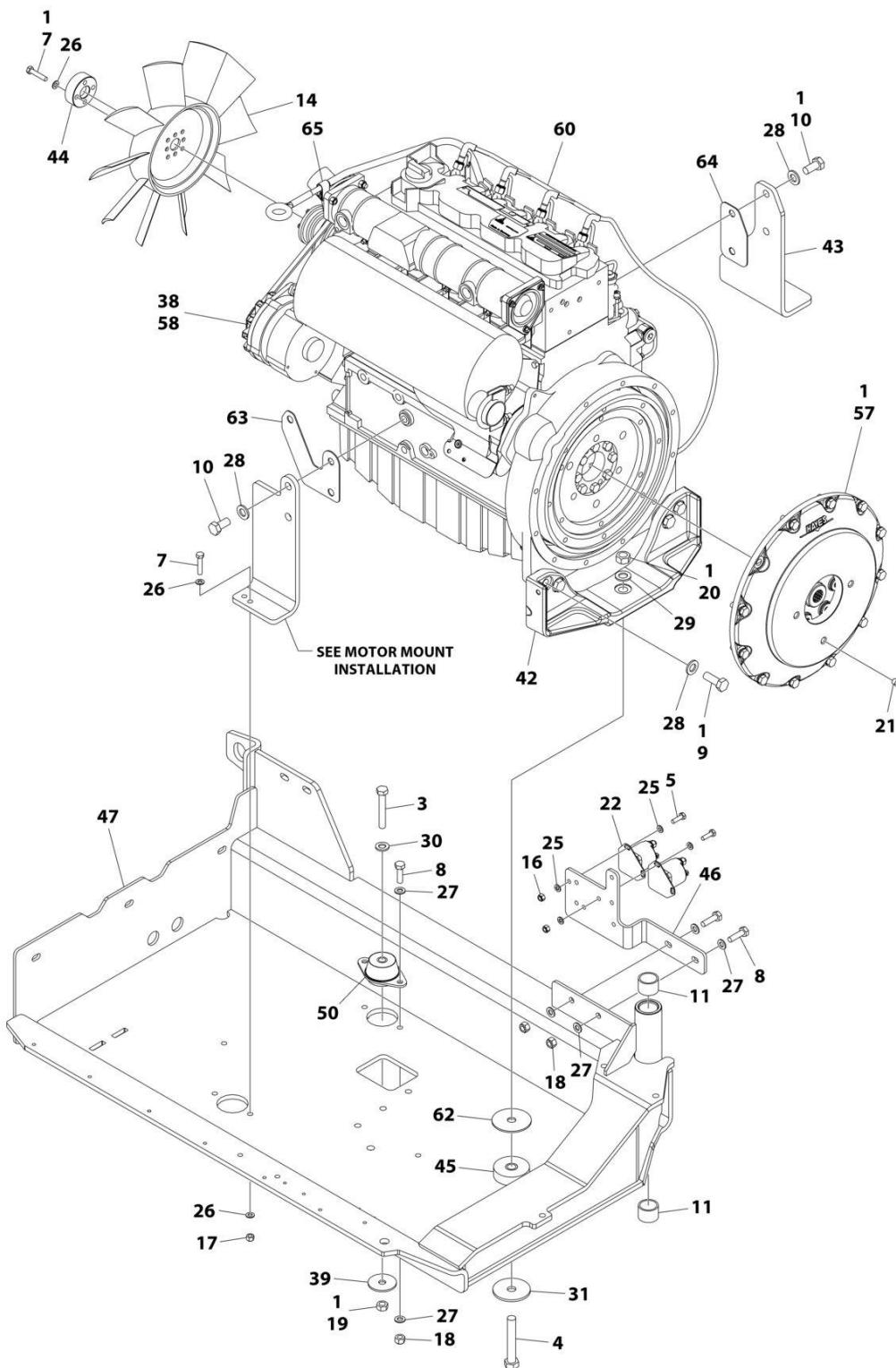
SECTION 3 - ENGINE

FIGURE 3-3. DEUTZ D2011 ENGINE ASSEMBLY - WITHOUT ARCTIC PACKAGE



ART_1001186816_1OF2

SECTION 3 - ENGINE



ART_1001186816_2OF2

SECTION 3 - ENGINE

FIGURE 3-3. DEUTZ D2011 ENGINE ASSEMBLY - WITHOUT ARCTIC PACKAGE

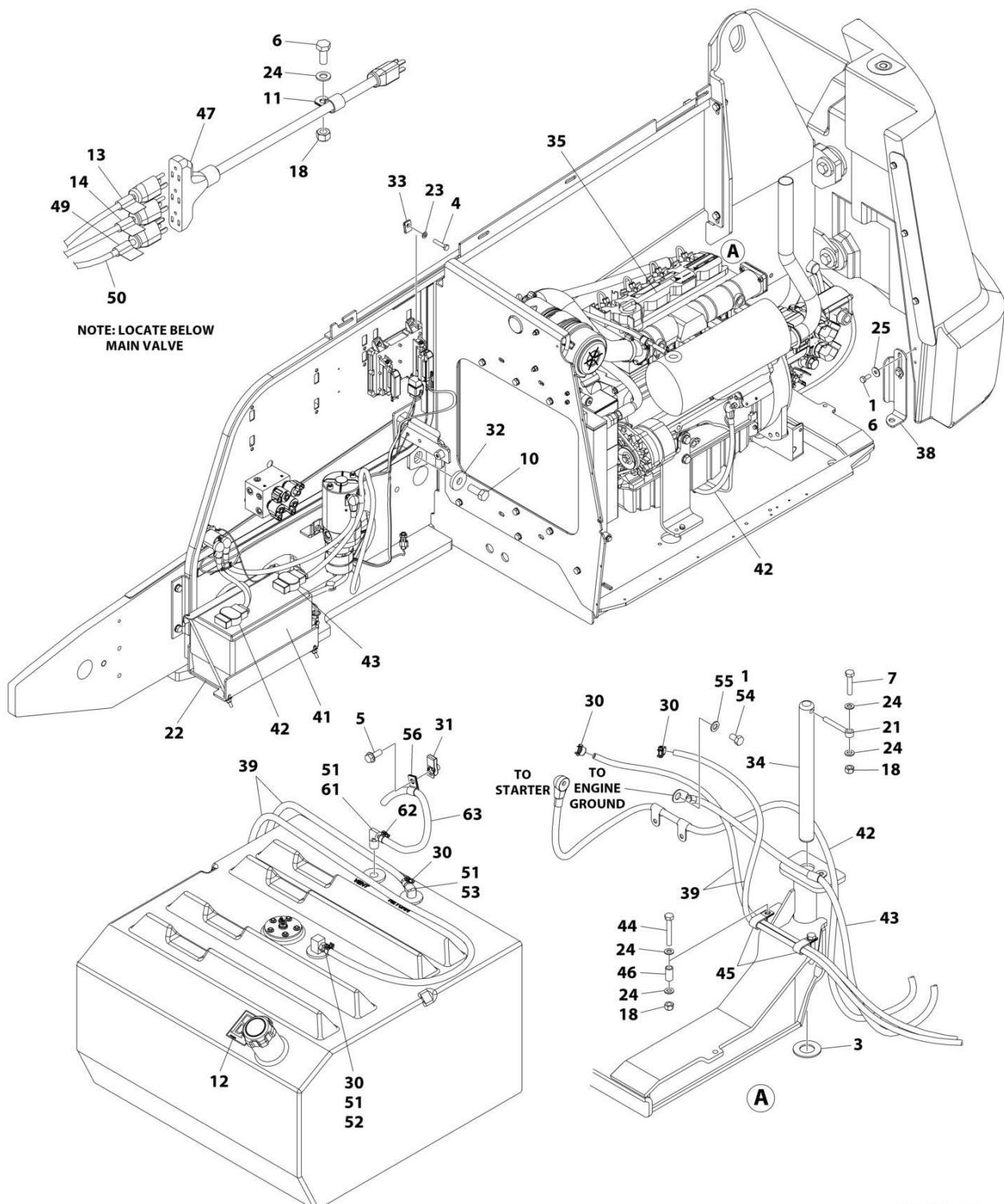
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186816	Ref	DEUTZ D2011 ENGINE ASSEMBLY	T
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant	
3	0711224	1	Bolt M12 x 80	
4	0711627	1	Bolt M16 x 100	
5	0760610	6	Bolt M6 x 20	
6	0760815	5	Bolt M8 x 35	
7	0760816	5	Bolt M8 x 40	
8	0761015	15	Bolt M10 x 35	
9	0771416	4	Bolt M14 x 40	
10	0771414	4	Bolt M14 x 30	
11	0961951	2	Bushing	
12	8405202	2	Clamp	
13	1703162	2	Decal - Fan Blade	
14	2060025	1	Fan	
15	2220315	1	Fitting, Straight Barbed	
16	3290605	8	Nut M6	
17	3290805	6	Nut M8	
18	3291005	15	Nut M10	
19	3331211	1	Nut M12	
20	3331611	1	Nut M16	
21	3520054	2	Plug	
22	3740067	2	Relay	
23	3900357	2	Screw M6 x 16	
24	3960407	1	Gasket, Air Intake Adapter	
25	4811700	14	Washer M6	
26	4811900	11	Washer M8	
27	4812000	8	Washer M10	
28	5241400	8	Washer M14	
29	4812300	1	Washer M16	
30	5241200	1	Washer M12	
31	7300435	1	Washer	
32	1001138173	1	Support	
33	1001138175	1	Bracket	
34	1001139819	1	Adapter	
35	1001141694	1	Clamp, Air Cleaner	
36	1001141995	1	Fitting, Straight NPT/Barbed	
37	1001143390	1	Indicator, Air Filter Service	
38	1001146368	1	Deutz D2011 Engine (See Separate Breakdown in this Section)	
39	1001168018	1	Washer	
40	1001187082	1	Radiator	
41	1001188236	1	Engine Harness - Deutz D2011 Engines (Not Shown) (See Separate Breakdown in ELECTRICAL SECTION)	
42	1001188535	1	Bracket, Engine - Rear	
43	1001189026	1	Bracket, Engine - Right	
44	1001189161	1	Adapter, Fan	
45	1001190164	1	Mount, Motor	
46	1001203885	1	Plate	
47	1001200435	1	Tray	
48	1001200791	NLA	Support, Radiator (Use p/n 1001236499) (SN 0300235168)	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
48	1001236499	1	through 0300237156, SN B300002655 through B300003104) Support, Radiator (SN 0300237157 to Present, SN B300003105 to Present)	
49	1001191271	1	Hose	
50	1001191610	1	Mount, Motor	
52	1001138248	21.7 in/ 0.6m	Tube	
53	1001165388	1	Filter, Air	
53	70003783	1	Element, Filter	
54	2220451	2	Fitting, Straight ORB/JIC	
55	2720398	2	Hose	
57	2902065	1	Pump Coupling Kit (See Separate Breakdown in this Section)	
58	3020016	AR	Oil, Motor 15W-40	
59	1001168166	2	Seal	
60	4923379	1	Glow Plug Harness (SN 0300235168 through 0300237156, SN B300002655 through B300003104)	
60	1001234396	1	Glow Plug Harness (SN 0300237157 to Present, SN B300003105 to Present)	
61	5241000	22	Washer M10	
62	1001197725	1	Spacer	
63	1001201843	1	Shim .079	
64	1001201844	1	Shim .079	
65	1320070	1	Clamp	

SECTION 3 - ENGINE

FIGURE 3-4. DEUTZ D2011 ENGINE INSTALLATION - WITH ARCTIC PACKAGE



ART_1001186809

SECTION 3 - ENGINE

FIGURE 3-4. DEUTZ D2011 ENGINE INSTALLATION - WITH ARCTIC PACKAGE

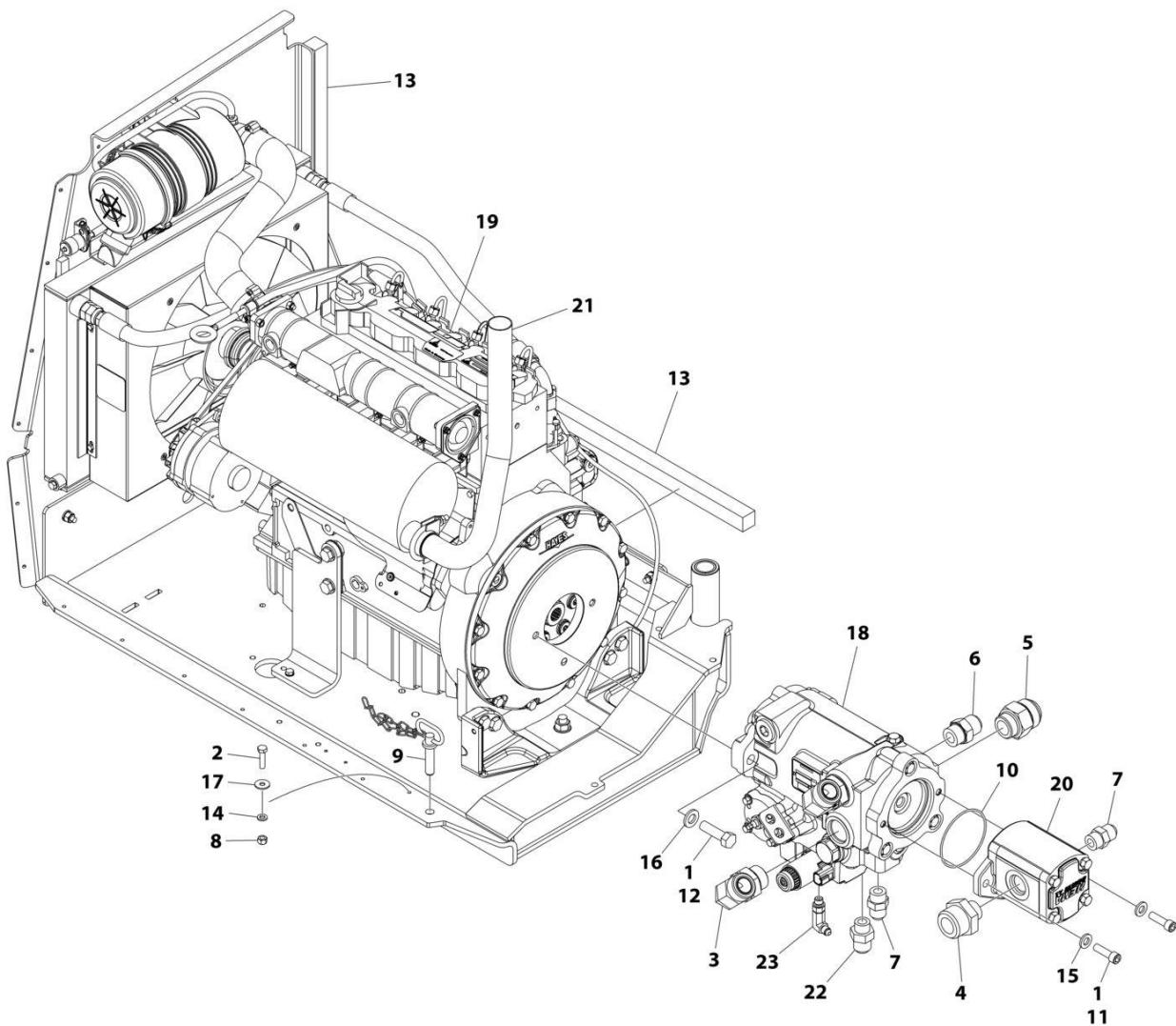
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186809	Ref	DEUTZ D2011 ENGINE INSTALLATION	
1	0100011	AR	Compound, Locking	
3	0440162	1	Bearing	
4	0700614	4	Bolt M6 x 30	
5	5251012	1	Bolt M10 x 25	
6	0701012	3	Bolt M10 x 25	
7	0711018	1	Bolt M10 x 50	
10	0772018	1	Bolt M20 x 50	
11	1320061	AR	Clamp	
12	1701505	1	Decal - Diesel Fuel	
13	1702941	1	Decal - Battery Heater	
14	1702943	1	Decal - Hydraulic Tank Heater	
17	1001188972	1	Heater, Immersion (Not Shown - Located on Hydraulic Tank)	
18	3291005	4	Nut M10	
21	3841143	1	Keeper, Pin	
22	3980007	1	Seal, Battery	
23	4811700	4	Washer M6	
24	4812000	7	Washer M10	
25	4812002	2	Washer M10	
30	1001174486	AR	Clamp	
31	1001118972	1	Nut, Tinnerman M10	
32	1001119051	1	Washer	
33	1001130220	4	Nut, Tinnerman M6	
34	1001155094	1	Pin	
35	1001186817	1	Deutz D2011 Engine and Pumps Sub-Assembly (See Separate Breakdown in this Section)	
38	1001196398	1	Bracket	
39	2720058	208 in/ 7.3m	Hose, Fuel	
41	2580024	1	Heater, Battery	
42	1001188667	1	Cable, Battery (+) to Aux Relay to Starter	
43	1001188670	1	Cable, Battery (-) to Aux Pump and Ground	
44	0701022	2	Bolt M10 x 70	
45	1001026127	2	Clamp	
46	1001200731	2	Tube	
47	1060626	1	Plug, 3 Way	
48	4240099	1	Tie-Strap (Not Shown)	
49	1702942	1	Decal - Engine Block Heater	
50	1001150918	1	Cable, Extension	
51	0100020	AR	Sealant	
52	2180348	1	Fitting, Straight NPT/Barbed	
53	2221176	AR	Fitting, 90 Barbed	
54	0761210	1	Bolt M12 x 20	
55	4812100	1	Washer M12	
56	8406110	1	Clip (SN 0300235168 through 0300237156, SN B300002655 through B300002979)	
57	1001192690	1	Hose (Case Drain) (Drive Pump Case Gauge Port to Tank) (Not Shown)	
58	1001203431	1	Hose (Case Drain) (Drive Pump Case Outlet Port to Tank) (Not Shown)	
59	1001203432	1	Hose (Function Suction) (Not Shown)	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
60	1001203433	1	Hose (Drive Suction) (Not Shown)	
61	2221176	1	Fitting, 90 Barbed (SN 0300235168 through 0300237156, SN B300002655 through B300002979)	
61	2220313	1	Fitting, 90 NPTF/Barb (SN 0300237157 to Present, SN B300002980 to Present)	
62	1001174486	1	Clamp (SN 0300235168 through 0300237156, SN B300002655 through B300002979)	
62	1001136975	1	Clamp (SN 0300237157 to Present, SN B300002980 to Present)	
63	2720058	20 in/ 0.5m	Hose, Fuel (SN 0300235168 through 0300237156, SN B300002655 through B300002979)	
63	1001165035	20 in/ 0.5m	Hose (SN 0300237157 to Present, SN B300002980 to Present)	
100	1001235699	1	Battery Cable Kit (Includes Items 42 & 43) (Not Shown) (SN 0300237157 to Present, SN B300002980 to Present)	

SECTION 3 - ENGINE

FIGURE 3-5. DEUTZ D2011 ENGINE AND PUMPS SUB-ASSEMBLY - WITH ARCTIC PACKAGE



ART_1001186817

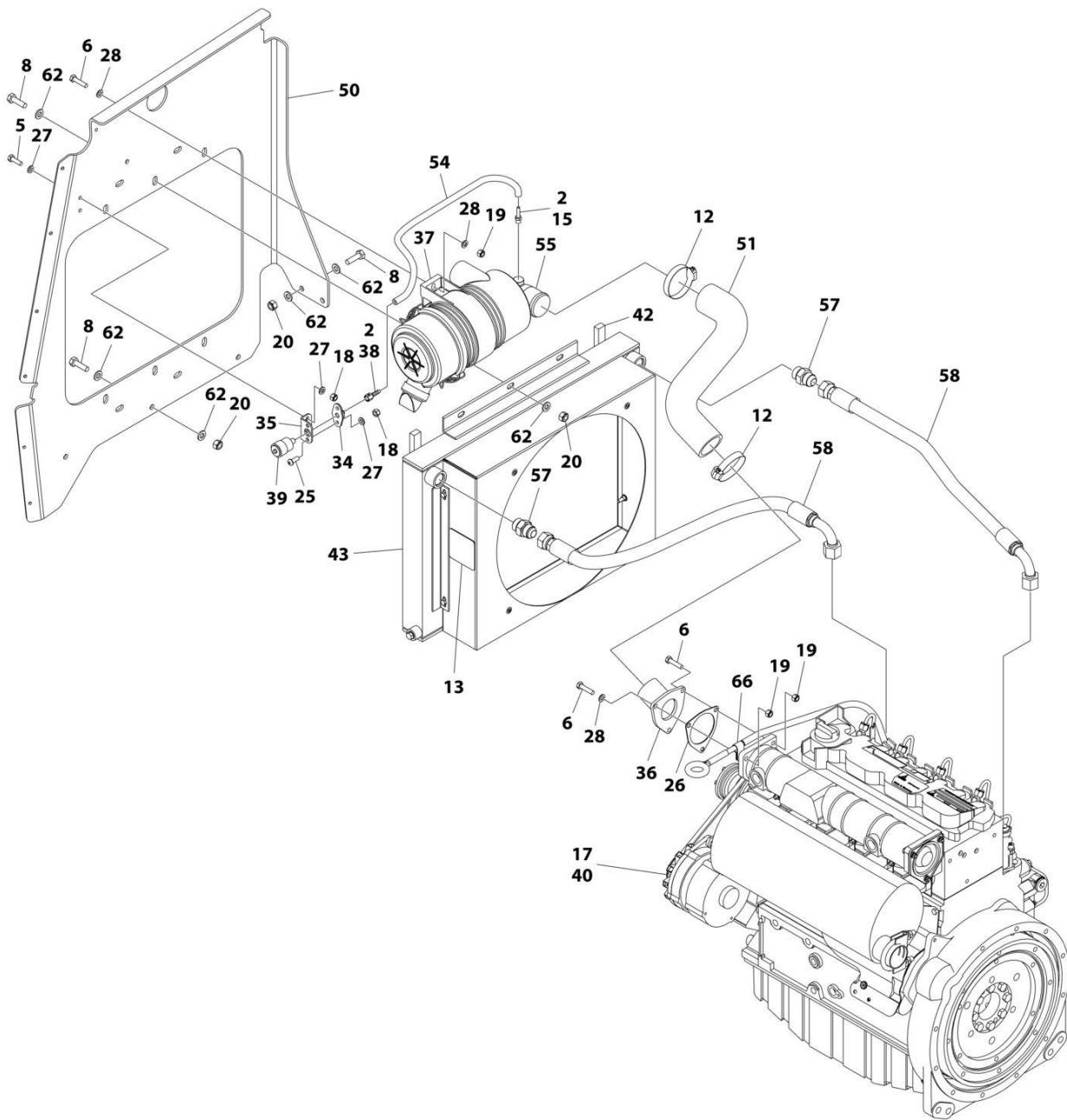
SECTION 3 - ENGINE

FIGURE 3-5. DEUTZ D2011 ENGINE AND PUMPS SUB-ASSEMBLY - WITH ARCTIC PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186817	Ref	DEUTZ D2011 ENGINE AND PUMPS SUB-ASSEMBLY	
1	0100011	AR	Compound, Locking	
2	0760612	1	Bolt M6 x 25	
3	2131616	2	Fitting, 90 ORFS/ORB	
4	2220946	1	Fitting, Straight JIC/ORB	
5	2220479	1	Fitting, Straight JIC/ORB	
6	2220451	1	Fitting, Straight JIC/ORB	
7	2220947	2	Fitting, Straight JIC/ORB	
8	3290605	1	Nut M6	
9	3422532	1	Pin	
10	3790152	1	O-Ring	
11	3931620	2	Capscrew 3/8 x 1-1/4	
11	3931618	2	Capscrew 3/8 x 1-1/8	
12	0641814	2	Bolt 1/2 x 1-3/4	
13	3960469	2	Seal	
14	4811700	1	Washer M6	
15	5241000	2	Washer M10	
16	5241200	2	Washer M12	
17	4811702	1	Washer M6	
18	1001184930	1	Piston Pump Assembly (See Separate Breakdown in this Section)	
19	1001186818	1	Deutz D2011 Engine Assembly (See Separate Breakdown in this Section)	
20	1001190143	1	Gear Pump Assembly	
20	70006356	1	Seal Kit - 1001190143 Pump	
21	1001191273	1	Pipe, Exhaust (SN 0300235168 through 0300247539, SN B300002655 through B300002979)	
22	2220408	1	Fitting, Straight JIC/ORB	
23	2220940	1	Fitting, 90 JIC/ORB	

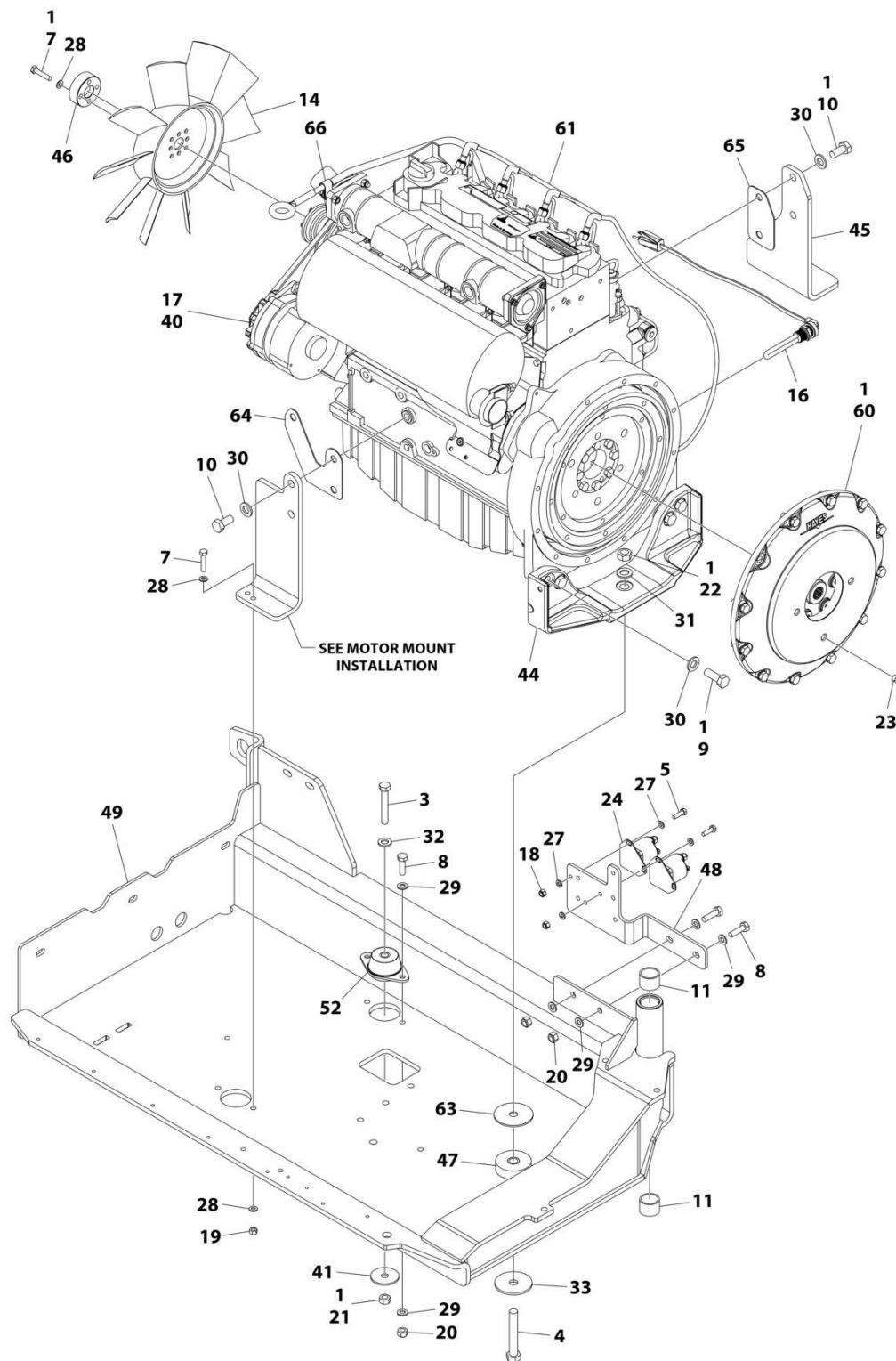
SECTION 3 - ENGINE

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



ART_1001186818_1OF2

SECTION 3 - ENGINE



SECTION 3 - ENGINE

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

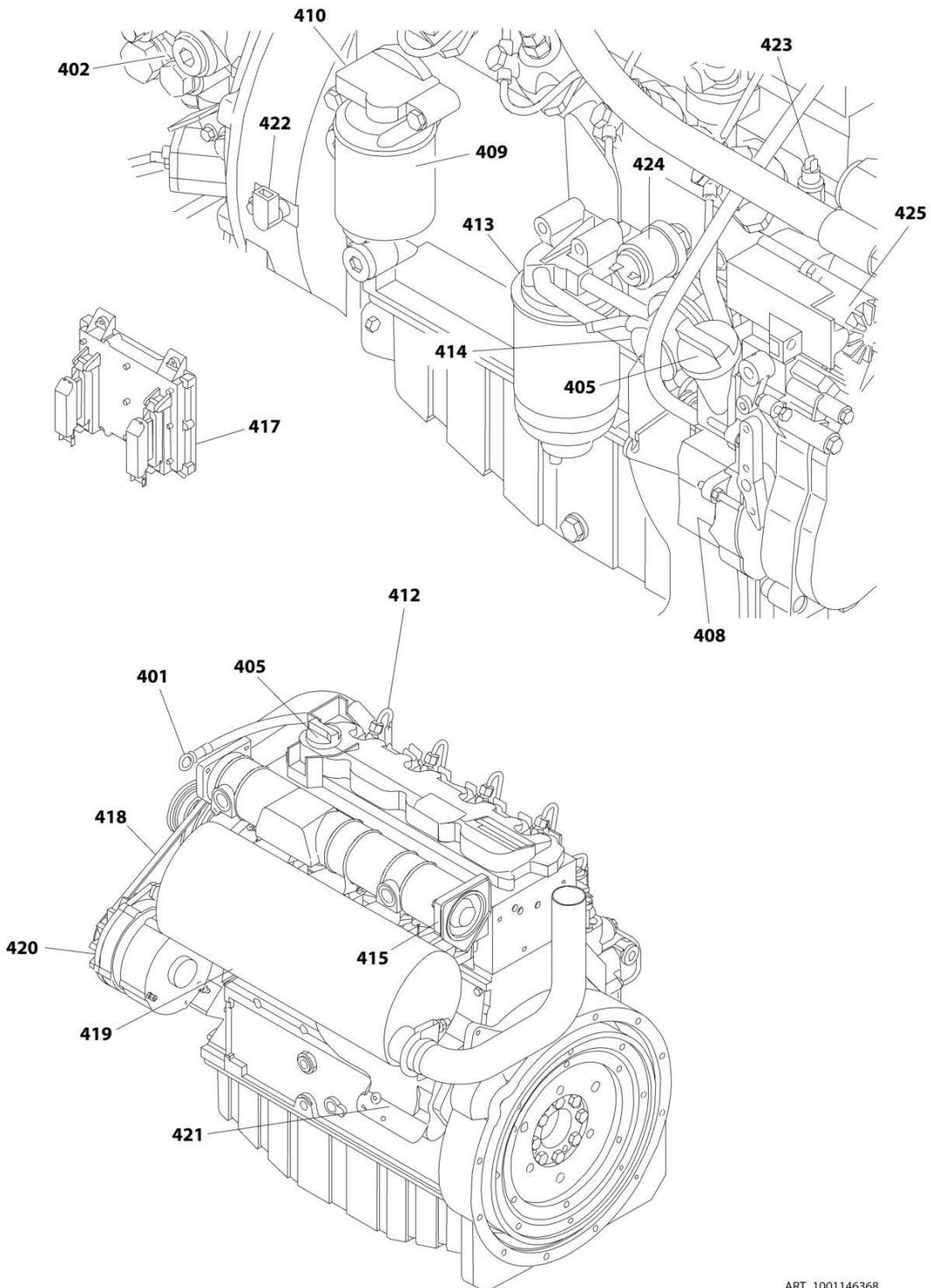
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186818	Ref	DEUTZ D2011 ENGINE ASSEMBLY	
1	0100011	AR	Compound, Locking	S
2	0100020	AR	Sealant	
3	0711224	1	Bolt M12 x 80	
4	0711627	1	Bolt M16 x 100	
5	0760610	6	Bolt M6 x 20	
6	0760815	5	Bolt M8 x 35	
7	0760816	5	Bolt M8 x 40	
8	0761015	15	Bolt M10 x 35	
9	0771416	4	Bolt M14 x 40	
10	0771414	4	Bolt M14 x 30	
11	0961951	2	Bushing	
12	8405202	2	Clamp	
13	1703162	2	Decal - Fan Blade	
14	2060025	1	Fan	
15	2220315	1	Fitting, Straight Barbed	
16	2580062	1	Heater, Engine Block	
17	3020044	AR	Oil, Engine 0W-40	
18	3290605	8	Nut M6	
19	3290805	6	Nut M8	
20	3291005	15	Nut M10	
21	3331211	1	Nut M12	
22	3331611	1	Nut M16	
23	3520054	2	Plug	
24	3740067	2	Relay	
25	3900357	2	Screw M6 x 16	
26	3960407	1	Gasket, Air Intake Adapter	
27	4811700	14	Washer M6	
28	4811900	11	Washer M8	
29	4812000	8	Washer M10	
30	5241400	8	Washer M14	
31	4812300	1	Washer M16	
32	5241200	1	Washer M12	
33	7300435	1	Washer	
34	1001138173	1	Support	
35	1001138175	1	Bracket	
36	1001139819	1	Adapter	
37	1001141694	1	Clamp, Air Cleaner	
38	1001141995	1	Fitting, Straight NPT/Barbed	
39	1001143390	1	Indicator, Air Filter Service	
40	1001146368	1	Deutz D2011 Engine (See Separate Breakdown in this Section)	
41	1001168018	1	Washer	
42	1001168166	2	Seal	
43	1001187082	1	Radiator	
44	1001188535	1	Bracket, Engine - Rear	
45	1001189026	1	Bracket, Engine - Right	
46	1001189161	1	Adapter, Fan	
47	1001190164	1	Mount, Motor	
48	1001203885	1	Plate	
49	1001200435	1	Tray	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	1001200791	NLA	Support, Radiator (Use p/n 1001236499) (SN 0300235168 through 0300237156, SN B300002655 through B300003104)	
50	1001236499	1	Support, Radiator (SN 0300237157 to Present, SN B300003105 to Present)	
51	1001191271	1	Hose	
52	1001191610	1	Mount, Motor	
54	1001138248	21.7 in/ 0.6m	Tube	
55	1001165388	1	Filter, Air Cleaner	
55	70003783	1	Element, Filter	
56	1001188236	1	Engine Harness - Deutz D2011 Engines (Not Shown) (See Separate Breakdown in ELECTRICAL SECTION)	
57	2220451	2	Fitting, Straight ORB/JIC	
58	2720398	2	Hose	
60	2902065	1	Pump Coupling Kit (See Separate Breakdown in this Section)	
61	4923379	1	Glow Plug Harness (SN 0300235168 through 0300237156, SN B300002655 to Present)	
61	1001234396	1	Glow Plug Harness (SN 0300237157 to Present)	
62	5241000	22	Washer M10	
63	1001197725	1	Spacer	
64	1001201843	1	Shim .079	
65	1001201844	1	Shim .079	
66	1320070	1	Clamp	

SECTION 3 - ENGINE

FIGURE 3-7. DEUTZ D2011 ENGINE COMPONENTS



ART_1001146368

SECTION 3 - ENGINE

FIGURE 3-7. DEUTZ D2011 ENGINE COMPONENTS

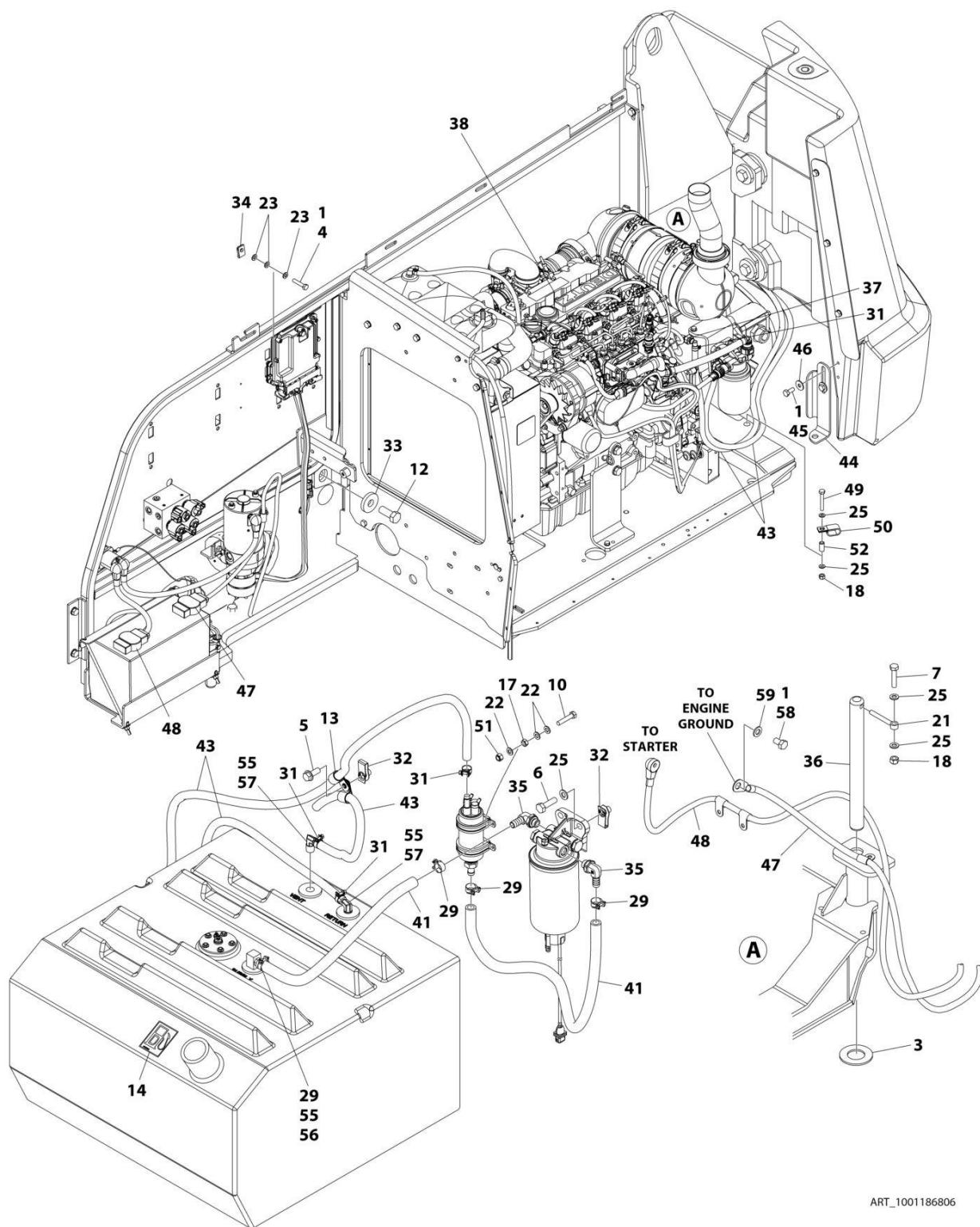
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001146368	Ref	DEUTZ D2011 ENGINE COMPONENTS	D
401	7026631	1	Dipstick	
401	7020487	1	Seal, Dipstick	
401	70001002	1	Tube, Dipstick	
401	7020403	1	Seal, Dipstick Tube	
402	70003475	1	Thermostat	
403	70002718	1	Seal, Rear Main (Not Shown)	
404	70001870	1	Flywheel (Not Shown)	
404	7024579	1	Ring Gear (Located on Flywheel - Not Shown)	
405	7020465	2	Cap, Filler	
406		Ref	Gasket, Head Options (Not Shown):	
406	70003456	1	Gasket with 1 Notch	
406	70003457	1	Gasket with 2 Notches	
406	70003003	1	Gasket with 3 Notches	
406	7020431	1	Gasket, Valve Cover (Not Shown)	
406	70004273	1	Gasket Kit (Note: Does not include Head Gasket)	
407	70000800	1	Kit, Timing Belt/Idler (Not Shown)	
408	70001850	1	Pump, Oil Lube	
408	7020468	1	Seal Between Oil Pump and Engine Block (Not Shown)	
409	7016331	1	Filter, Oil	
410	70003472	1	Bracket, Oil Filter	
410	7027236	1	Sender, Temperature	
410	70003473	1	Gasket, Bracket to Engine Block	
411	70004268	2	Connector, Radiator Hose (Not Shown)	
411	70004269	2	Ring, Sealing (Not Shown)	
412	70003478	4	Injector, Fuel	
412	70003136	4	Seal	
412		Ref	Pump, Injector Options:	
412	70000912	4	Series A Injector	
412	70000913	4	Series B Injector	
412	70000914	4	Series C Injector	
412	70000915	4	Series D Injector	
412	70003464	4	O-Ring	
413	7016328	1	Filter, Fuel	
413	70001423	1	Bracket, Fuel Filter	
414	70000916	1	Pump Fuel Supply	
414	70001435	1	Repair Kit for 70000916 Pump	
414	70000919	1	Hand Pump	
414	70000918	1	Seal, Hand Pump	
414	70000917	1	O-Seal Between Fuel Pump and Engine Block	
415		Ref	Intake Manifold Components	
415	70003469	1	Flange, Blanking	
415	70003468	1	Seal (Flange to Air Intake Manifold)	
415	70001871	4	Gasket, Intake Manifold to Engine Block (Not Shown)	
415	70003470	8	Screw, Torx Head (Not Shown)	
416	70001847	1	Breather Valve (Not Shown - Located On Front Cover)	
416	70001126	1	Seal, Breather Valve	
417	7027795	1	Module, Control	
417		Ref	Left Module Connections:	
417	7027796	1	Cable, Interconnect (Module to 70001872 Cable)	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
417	70004060	1	Plug, Connector	
417	70001872	1	Cable, Harness	
417	70004103	1	Cable (Alternator to 70001872 Cable)	
417	70004271	1	Cable (Starter to 70001872 Cable)	
417		Ref	Right Module Connections:	
417	70004059	1	Plug, Diagnostic	
418	7020408	1	V-Belt	
419		Ref	Muffler Options:	
419	7000695	1	Standard Muffler (Supplied with Engine)	
419	See Note	1	Spark Arrester Muffler (Note: See Separate Breakdown in this Section)	
419	See Note	1	Catalytic Muffler (Note: See Separate Breakdown in this Section)	
419		Ref	Muffler Components:	
419	1320176	1	Clamp, Saddle	
419	70001017	1	Clamp	
419	7024560	1	Plug, Brass	
419	See Note	1	Pipe, Exhaust Standard Muffler (Note: Purchase Locally)	
419	7024398	1	Pipe, Exhaust	
419	7020471	4	Gasket, Exhaust Manifold to Engine Block	
419	70004270	8	Stud, Muffler	
420	70004056	1	Alternator	
420	70001868	1	Regulator, Voltage (Not Shown)	
420	70001866	1	Seal, Gasket for Voltage Regulator (Not Shown)	
420	70000851	1	Bracket, Mounting (Not Shown)	
420	70002234	1	Bracket, Adjusting (Not Shown)	
421	7020479	1	Starter	
421	70004058	1	Relay	
421	70001498	1	Shield, Starter Heat	
422	70004272	1	Sensor, Speed	
422	70003932	1	Spacer, Sensor	
423	7027791	1	Transmitter, Temperature	
424	7027790	1	Sensor, Oil Pressure	
425	7027792	1	Actuator, Throttle	
425	7027276	2	Spring, Actuator	
426	70000345	4	Plug, Glow (Not Shown)	
427	70005479	1	Pulley, Crankshaft (Not Shown)	

SECTION 3 - ENGINE

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



ART_1001186806

SECTION 3 - ENGINE

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

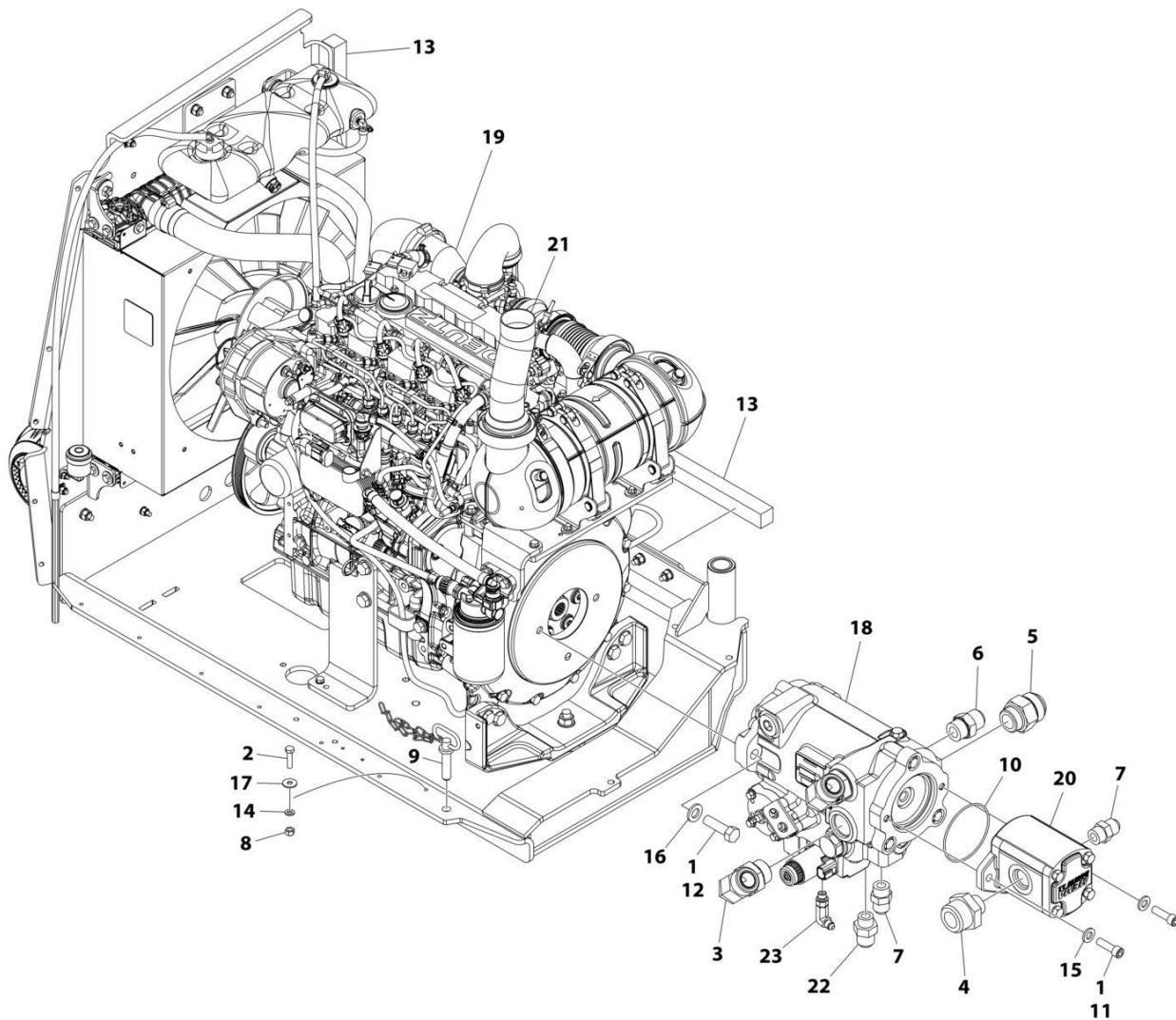
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186806	Ref	DEUTZ TD2.9L4 ENGINE INSTALLATION	
1	0100011	AR	Compound, Locking	
3	0440162	1	Bearing	
4	0700614	4	Bolt M6 x 30	
5	5251012	1	Bolt M10 x 25	
6	0701015	2	Bolt M10 x 35	
7	0711018	1	Bolt M10 x 50	
10	0760512	4	Bolt M5 x 25	
12	0772018	1	Bolt M20 x 50	
13	1320061	2	Clamp	
14	1701505	1	Decal - Diesel Fuel	
17	3290501	4	Nut M5	
18	3291005	2	Nut M10	
21	3841143	1	Keeper, Pin	
22	4811600	12	Washer M5	
23	4811700	12	Washer M6	
25	4812000	6	Washer M10	
29	1001175568	4	Clip	
31	1001136975	5	Clamp	
32	1001118972	3	Nut, Tinnerman M10	
33	1001119051	1	Washer	
34	1001130220	4	Nut, Tinnerman M6	
35	1001142501	2	Fitting, 90 Barbed	
36	1001155094	1	Pin	
37	1001155823	1	Fitting, 90 Quick Connect	
38	1001186811	1	Deutz TD2.9L4 T4F Engine and Pump Sub-Assembly (See Separate Breakdown in this Section)	
41	1001154405	33 in/ 0.8cm	Hose	
43	1001165035	27 ft/ 8.2m	Hose	
44	1001196398	1	Bracket	
45	0701012	2	Bolt M10 x 25	
46	4812002	2	Washer M10	
47	1001188668	1	Cable, Battery (-) to Aux Pump and Ground	
48	1001188669	1	Cable, Battery (+) to Aux Relay to Starter	
49	0701022	1	Bolt M10 x 70	
50	1001026127	1	Clamp	
51	3290505	4	Nut M5	
52	1001200731	1	Tube	
53	4240099	1	Tie-Strap (Not Shown)	
54	1001190444	1	Fuel Pump Harness - Deutz TD2.9L4 Engine (Not Shown) (See Separate Breakdown in ELECTRICAL SECTION)	
55	0100020	AR	Sealant	
56	2180832	1	Fitting, Straight Barbed	
57	2220313	2	Fitting, 90 NPTF/Barb	
58	0761210	1	Bolt M12 x 20	
59	4812100	1	Washer M12	
60	1001192690	1	Hose (Case Drain) (Drive Pump Case Gauge Port to Tank) (Not Shown)	
61	1001203431	1	Hose (Case Drain) (Drive Pump Case Outlet Port to Tank) (Not Shown)	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
62	1001203432	1	Shown) Hose (Function Suction) (Not Shown)	
63	1001203433	1	Hose (Drive Suction) (Not Shown)	
100	1001235532	1	Battery Cable Kit (Includes Items 47 & 48) (Not Shown) (SN 0300237157 to Present)	

SECTION 3 - ENGINE

FIGURE 3-9. DEUTZ TD2.9L4 ENGINE AND PUMPS SUB-ASSEMBLY - WITHOUT ARCTIC PACKAGE



ART_1001186811

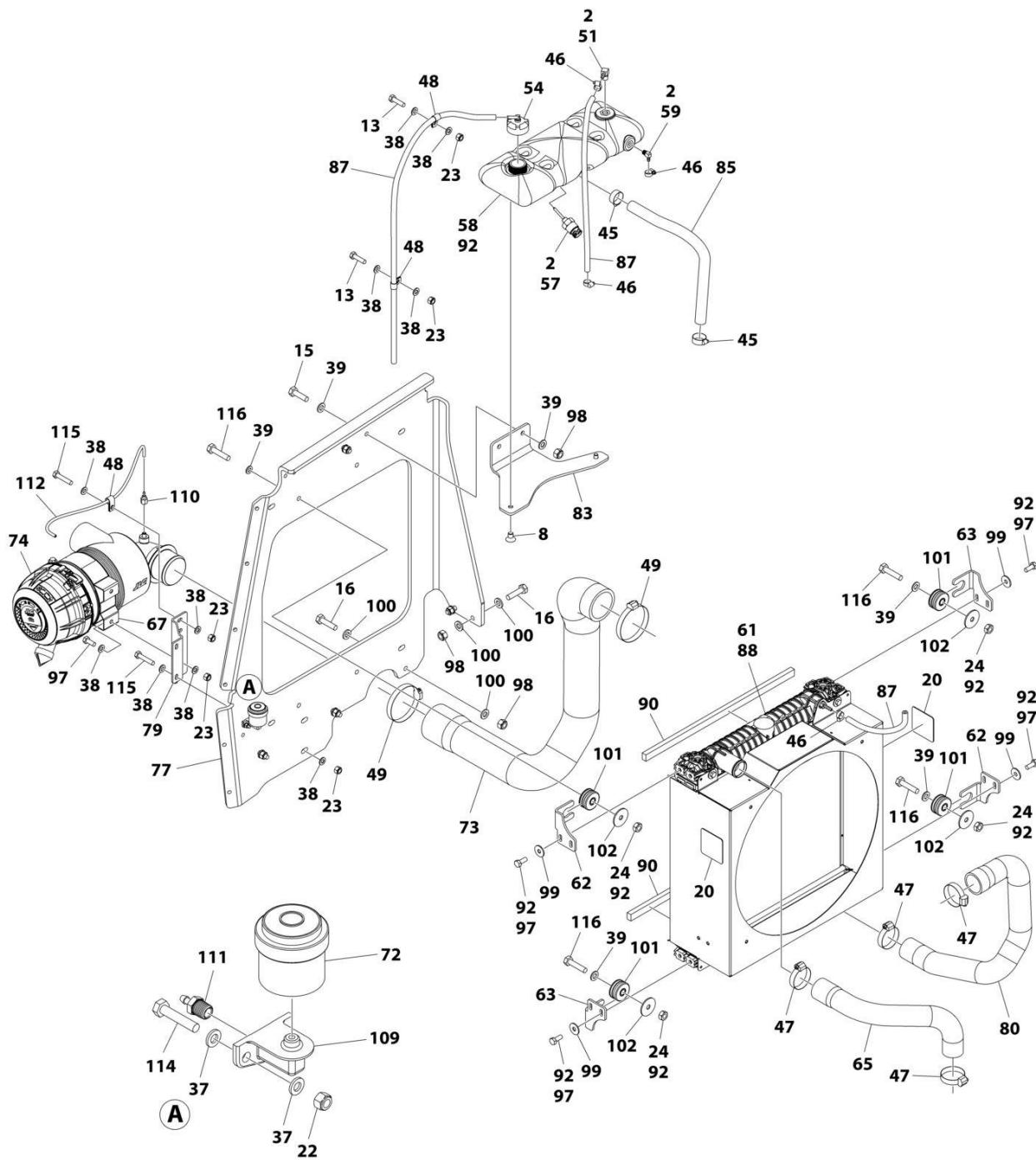
SECTION 3 - ENGINE

FIGURE 3-9. DEUTZ TD2.9L4 ENGINE AND PUMPS SUB-ASSEMBLY - WITHOUT ARCTIC PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186811	Ref	DEUTZ TD2.9L4 ENGINE AND PUMPS SUB-ASSEMBLY	
1	0100011	AR	Compound, Locking	
2	0760612	1	Bolt M6 x 25	
3	2131616	2	Fitting, 90 ORFS/ORB	
4	2220946	1	Fitting, Straight JIC/ORB	
5	2220479	1	Fitting, Straight JIC/ORB	
6	2220451	1	Fitting, Straight JIC/ORB	
7	2220947	2	Fitting, Straight JIC/ORB	
8	3290605	1	Nut M6	
9	3422532	1	Pin	
10	3790152	1	O-Ring	
11	3931620	2	Capscrew 3/8 x 1-1/4	
11	3931618	2	Capscrew 3/8 x 1-1/8	
12	0641814	2	Bolt 1/2 x 1-3/4	
13	3960469	1	Seal	
14	4811700	1	Washer M6	
15	5241000	2	Washer M10	
16	5241200	2	Washer M12	
17	4811702	1	Washer M6	
18	1001184930	1	Piston Pump Assembly (See Separate Breakdown in this Section)	
19	1001186812	1	Deutz TD2.9L4 Engine Assembly (See Separate Breakdown in this Section)	
20	1001190143	1	Gear Pump Assembly	
20	70006356	1	Seal Kit - 1001190143 Pump	
21	1001211042	1	Pipe, Exhaust	
22	2220408	1	Fitting, Straight JIC/ORB	
23	2220940	1	Fitting, 90 JIC/ORB	

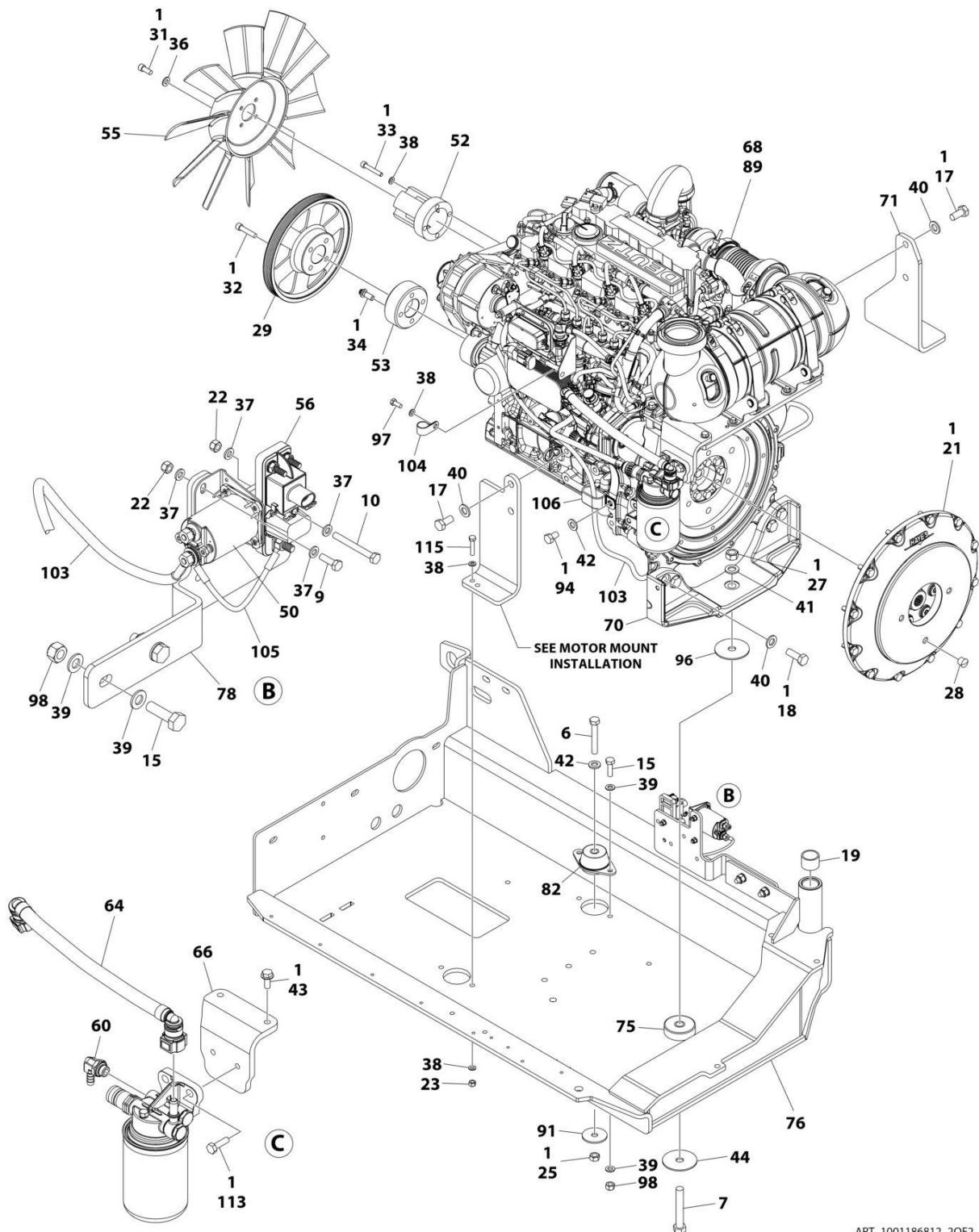
SECTION 3 - ENGINE

FIGURE 3-10. DEUTZ TD2.9L4 ENGINE ASSEMBLY - WITHOUT ARCTIC PACKAGE



ART_1001186812_1OF2

SECTION 3 - ENGINE



ART_1001186812_2OF2

SECTION 3 - ENGINE

FIGURE 3-10. DEUTZ TD2.9L4 ENGINE ASSEMBLY - WITHOUT ARCTIC PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186812	Ref	DEUTZ TD2.9L4 ENGINE ASSEMBLY	
1	0100011	AR	Compound, Locking	S
2	0100020	AR	Sealant	
6	0711224	1	Bolt M12 x 80	
7	0711627	1	Bolt M16 x 100	
8	0741605	2	Screw 3/8 x 5/8	
9	0760610	2	Bolt M6 x 20	
10	0760619	1	Bolt M6 x 55	
13	0760814	3	Bolt M8 x 30	
15	0761015	6	Bolt M10 x 35	
16	0761016	5	Bolt M10 x 40	
17	0771414	4	Bolt M14 x 30	
18	0771416	4	Bolt M14 x 40	
19	0961951	2	Bushing	
20	1703162	2	Decal - Fan Blade	
21	2902065	1	Pump Coupling Kit (See Separate Breakdown in this Section)	
22	3290605	5	Nut M6	
23	3290805	8	Nut M8	
24	3291001	4	Nut M10	
25	3331211	1	Nut M12	
27	3331611	1	Nut M16	
28	3520054	1	Plug	
29	3580320	1	Pulley	
31	3931512	4	Capscrew 5/16 x 3/4	
32	3931628	4	Capscrew 3/8 x 1-3/4	
33	4031914	4	Capscrew M8 x 50	
34	4032014	4	Capscrew M10 x 50	
36	4711500	4	Washer 5/16	
37	4811700	10	Washer M6	
38	4811900	21	Washer M8	
39	4812000	20	Washer M10	
40	5241400	8	Washer M14	
41	4812300	1	Washer M16	
42	5241200	2	Washer M12	
43	5250810	2	Bolt M8 x 20	
44	7300435	1	Washer	
45	8405007	2	Clamp	
46	8405009	4	Clamp	
47	8405104	4	Clamp	
48	8406109	3	Clip	
49	8410011	2	Clamp	
50	1001117308	1	Contactor	
51	1001134488	1	Fitting, 90 Barbed (Part of Item 58)	
52	1001135138	1	Adapter, Fan	
53	1001135679	1	Adapter	
54	1001136834	1	Cap, Tank	
55	1001137276	1	Fan	
56	1001138228	1	Relay	
57	1001138827	1	Sensor, Coolant Level (Part of Item 58)	
58	1001140535	NLA	Tank, Surge (Use p/n 1001230635) (SN 0300235168 through	

SECTION 3 - ENGINE

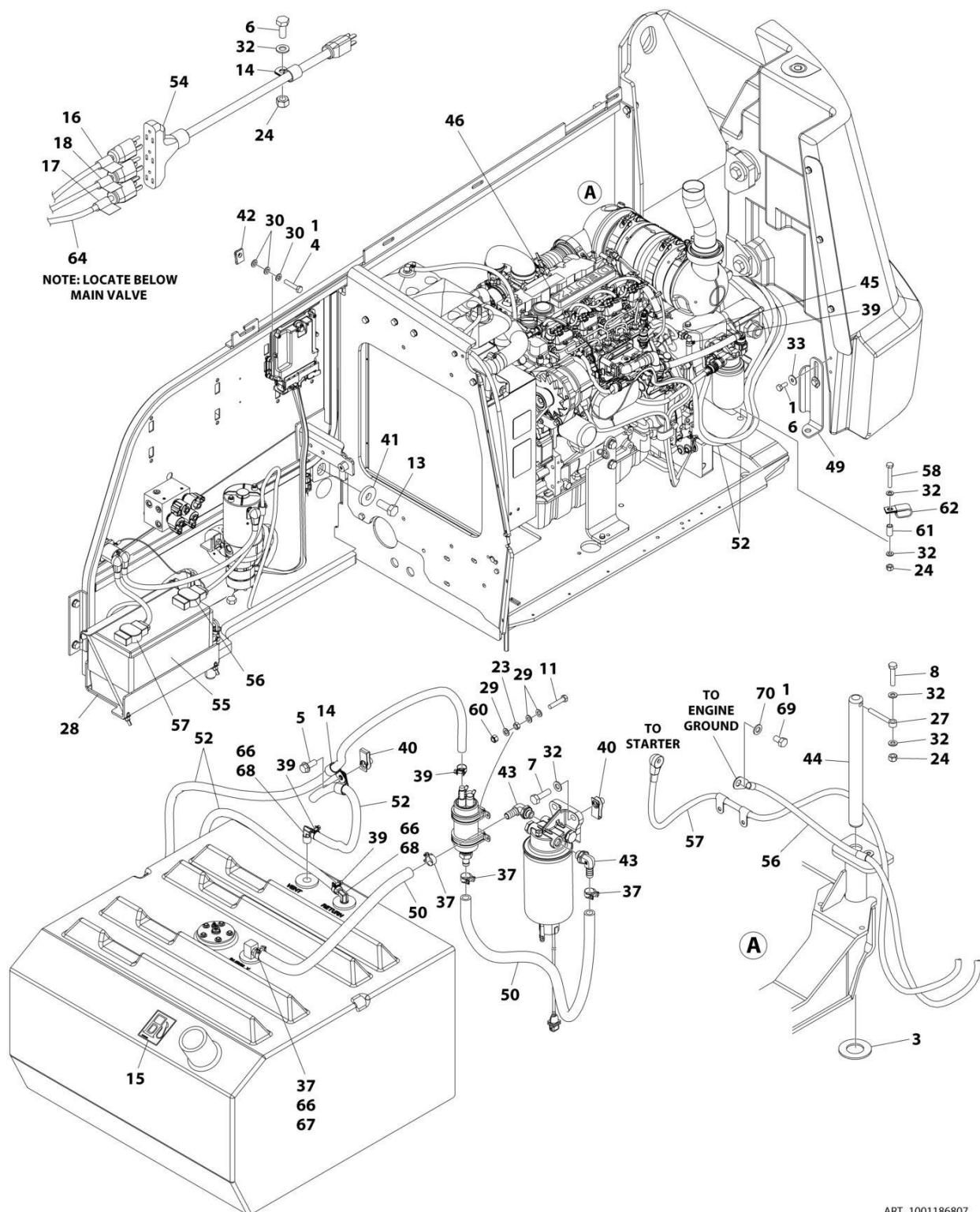
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
58	1001230635	1	0300237156, SN B300002655 through B300002681) Tank, Surge (Include Items 51, 57 & 59) (SN 0300237157 to Present, SN B300002682 to Present)	
59	1001140564	1	Fitting, 90 Barbed (Part of Item 58)	
60	1001152489	1	Fitting, 90 Barbed	
61	1001167042	1	Radiator	
62	1001169967	2	Bracket	
63	1001170035	2	Bracket	
64	1001177359	1	Hose	
65	1001177844	1	Hose, Radiator (Top)	
66	1001227059	NLA	Mount (Use p/n 1001231805) (SN 0300235168 through 0300237156, SN B300002655 through B300002681) Mount (SN 0300237157 to Present, SN B300002682 to Present)	
66	1001231805	1	Mount (SN 0300237157 to Present, SN B300002682 to Present)	
67	1001186426	1	Clamp, Air Cleaner	
68	1001186902	1	Deutz TD2.9L4 Engine (See Separate Breakdown in this Section)	
69	1001188237	NLA	Engine Harness - Deutz TD2.9L4 Engines (Not Shown) (Use pn 1001233895) (See Separate Breakdown in ELECTRICAL Section) (SN 0300235168 through 0300237156, SN B300002655 through B300002681)	
69	1001233895	1	Engine Harness - Deutz TD2.9L4 Engines (Not Shown) (See Separate Breakdown in ELECTRICAL Section) (SN 0300237157 to Present, SN B300002682 to Present)	
70	1001188535	1	Bracket, Engine - Rear	
71	1001189026	1	Bracket, Engine - Right	
72	1001166716	1	Restriction, Indicator	
73	1001189913	1	Hose	
74	1001189979	1	Filter, Air	
74	70005008	1	Element, Filter	
75	1001190164	1	Mount, Motor	
76	1001200745	1	Tray	
77	1001229091	1	Support, Radiator	
78	1001203885	1	Plate	
79	1001190942	1	Support	
80	1001191025	1	Hose, Radiator (Bottom)	
82	1001191610	1	Mount, Motor	
83	1001192400	1	Bracket	
85	1001193049	1	Hose	
87	2720015	80 in/ 2.1m	Hose	
88	2300004	AR	Coolant	
89	1001136079	AR	Oil, Motor 15W-40	
90	1001168166	2	Seal	
91	1001168018	1	Washer	
92	1001180620	AR	Adhesive	
94	0761210	1	Bolt M12 x 20	
96	1001197725	1	Spacer	
97	0760810	11	Bolt M8 x 20	
98	3291005	11	Nut M10	
99	4811902	8	Washer M8	
100	5241000	10	Washer M10	
101	1001169054	4	Isolator	
102	1001169138	4	Pad, Snubbing	
103	1001190442	1	Harness, Alternator Power	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
103	1001098764	1	Boot - Red	
104	1320202	1	Clamp	
105	1001141304	1	Harness, Glow Fuse	
106	1001181899	1	Clamp	
108	4240099	1	Tie-Strap (Not Shown)	
109	1001223254	1	Bracket	
110	1001223255	1	Fitting, Straight FNPT	
111	1001223256	1	Fitting, Straight MNPT	
112	1001223257	24 in/.6m	Hose	
113	5251012	2	Bolt M10 x 25	
114	0760614	2	Bolt M6 x 30	
115	0760816	3	Bolt M8 x 40	
116	0761017	4	Bolt M10 x 45	

SECTION 3 - ENGINE

FIGURE 3-11. DEUTZ TD2.9L4 ENGINE INSTALLATION - WITH ARCTIC PACKAGE



SECTION 3 - ENGINE

FIGURE 3-11. DEUTZ TD2.9L4 ENGINE INSTALLATION - WITH ARCTIC PACKAGE

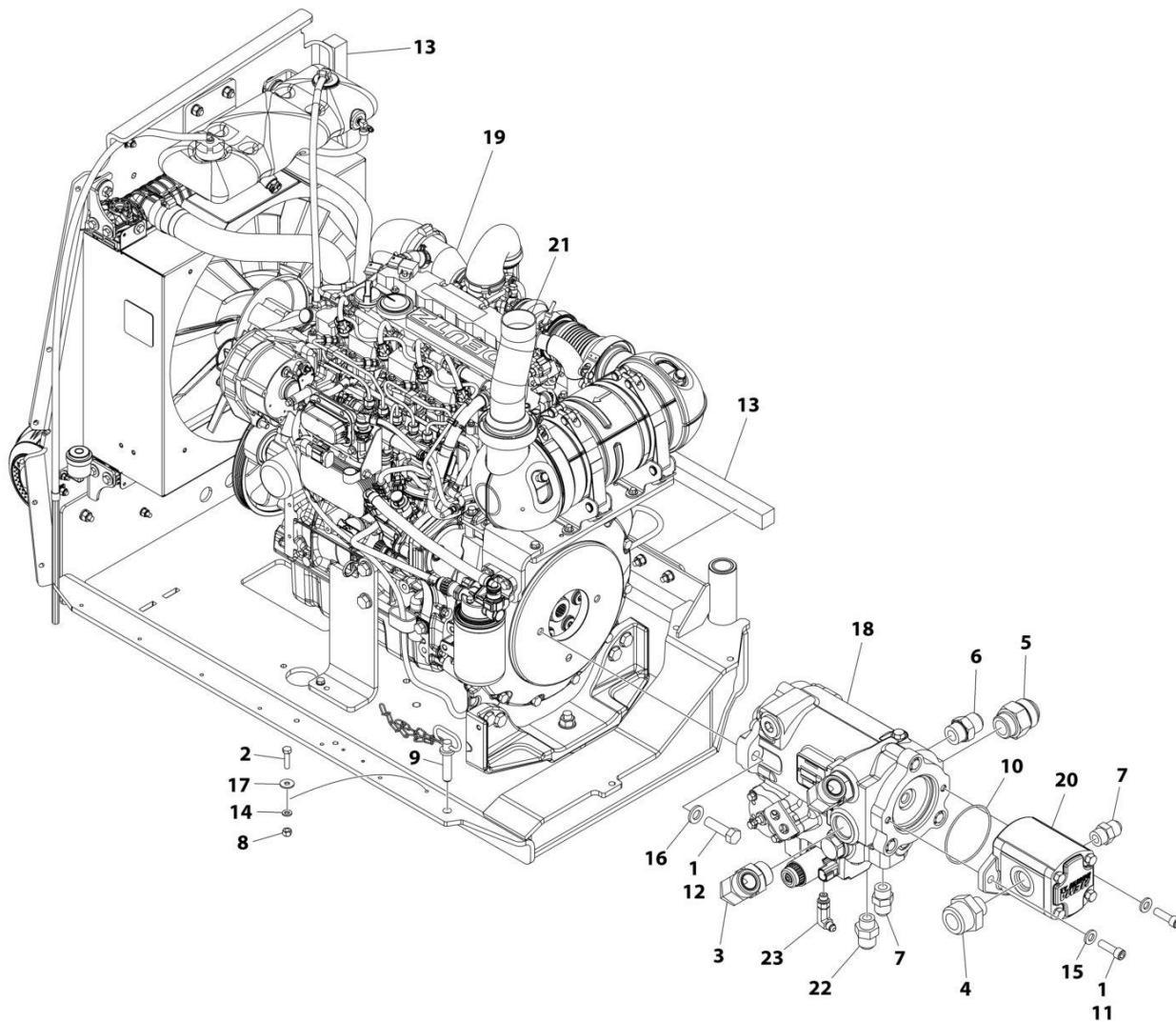
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186807	Ref	DEUTZ TD2.9L4 ENGINE INSTALLATION	
1	0100011	AR	Compound, Locking	
3	0440162	1	Bearing	
4	0700614	4	Bolt M6 x 30	
5	5251012	1	Bolt M10 x 25	
6	0701012	3	Bolt M10 x 25	
7	0701015	2	Bolt M10 x 35	
8	0711018	1	Bolt M10 x 50	
11	0760512	4	Bolt M5 x 25	
13	0772018	1	Bolt M20 x 50	
14	1320061	3	Clamp	
15	1701505	1	Decal - Diesel Fuel	
16	1702941	1	Decal - Battery Heater	
17	1702942	1	Decal - Engine Block Heater	
18	1702943	1	Decal - Hydraulic Tank Heater	
22	1001188972	1	Heater, Immersion (Not Shown - Located on Hydraulic Tank)	
23	3290501	4	Nut M5	
24	3291005	3	Nut M10	
27	3841143	1	Keeper, Pin	
28	3980007	1	Seat, Battery	
29	4811600	12	Washer M5	
30	4811700	12	Washer M6	
32	4812000	7	Washer M10	
33	4812002	2	Washer M10	
37	1001175568	4	Clip	
39	1001136975	5	Clamp	
40	1001118972	3	Nut, Tinnerman M10	
41	1001119051	1	Washer	
42	1001130220	4	Nut, Tinnerman M6	
43	1001142501	2	Fitting, 90 Barbed	
44	1001155094	1	Pin	
45	1001155823	1	Fitting, 90 Quick Connect	
46	1001186813	1	Deutz TD2.9L4 Engine and Pumps Sub-Assembly (See Separate Breakdown in this Section)	
49	1001196398	1	Bracket	
50	1001154405	33 in/ 0.8cm	Hose	
52	1001165035	27 ft/ 8.2m	Hose	
54	1060626	1	Plug, 3 Way	
55	2580024	1	Heater, Battery	
56	1001188668	1	Cable, Battery (-) to Aux Pump and Ground	
57	1001188669	1	Cable, Battery (+) to Aux Relay to Starter	
58	0701022	1	Bolt M10 x 70	
60	3290505	4	Nut M5	
61	1001200731	1	Tube	
62	1001026127	1	Clamp	
63	4240099	1	Tie-Strap (Not Shown)	
64	1001150918	1	Cable, Extension	
65	1001190444	1	Engine Harness - Deutz TD2.9L4 Engines (Not Shown) (See	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
66	0100020	AR	Separate Breakdown in ELECTRICAL SECTION) Sealant	
67	2180832	1	Fitting, Straight Barbed	
68	2220313	2	Fitting, 90 NPTF/Barb	
69	0761210	1	Bolt M12 x 20	
70	4812100	1	Washer M12	
71	1001192690	1	Hose (Case Drain) (Drive Pump Case Gauge Port to Tank) (Not Shown)	
72	1001203431	1	Hose (Case Drain) (Drive Pump Case Outlet Port to Tank) (Not Shown)	
73	1001203432	1	Hose (Function Suction) (Not Shown)	
74	1001203433	1	Hose (Drive Suction) (Not Shown)	
75	1001233763	1	Deutz Breather Heater Installation (Not Shown) (See Separate Breakdown in this Section) (SN 0300237157 to Present)	
75	4240099	AR	Tie-Strap	
75	1001196634	1	Fuse 2amp	
75	1001232842	1	Heater, Deutz Breather Kit	
75	2400060	1	Fuse, Holder	
100	1001235532	1	Battery Cable Kit (Includes Items 56 & 57) (Not Shown) (SN 0300237157 to Present)	

SECTION 3 - ENGINE

FIGURE 3-12. DEUTZ TD2.9L4 ENGINE AND PUMPS SUB-ASSEMBLY - WITH ARCTIC PACKAGE



ART_1001186813

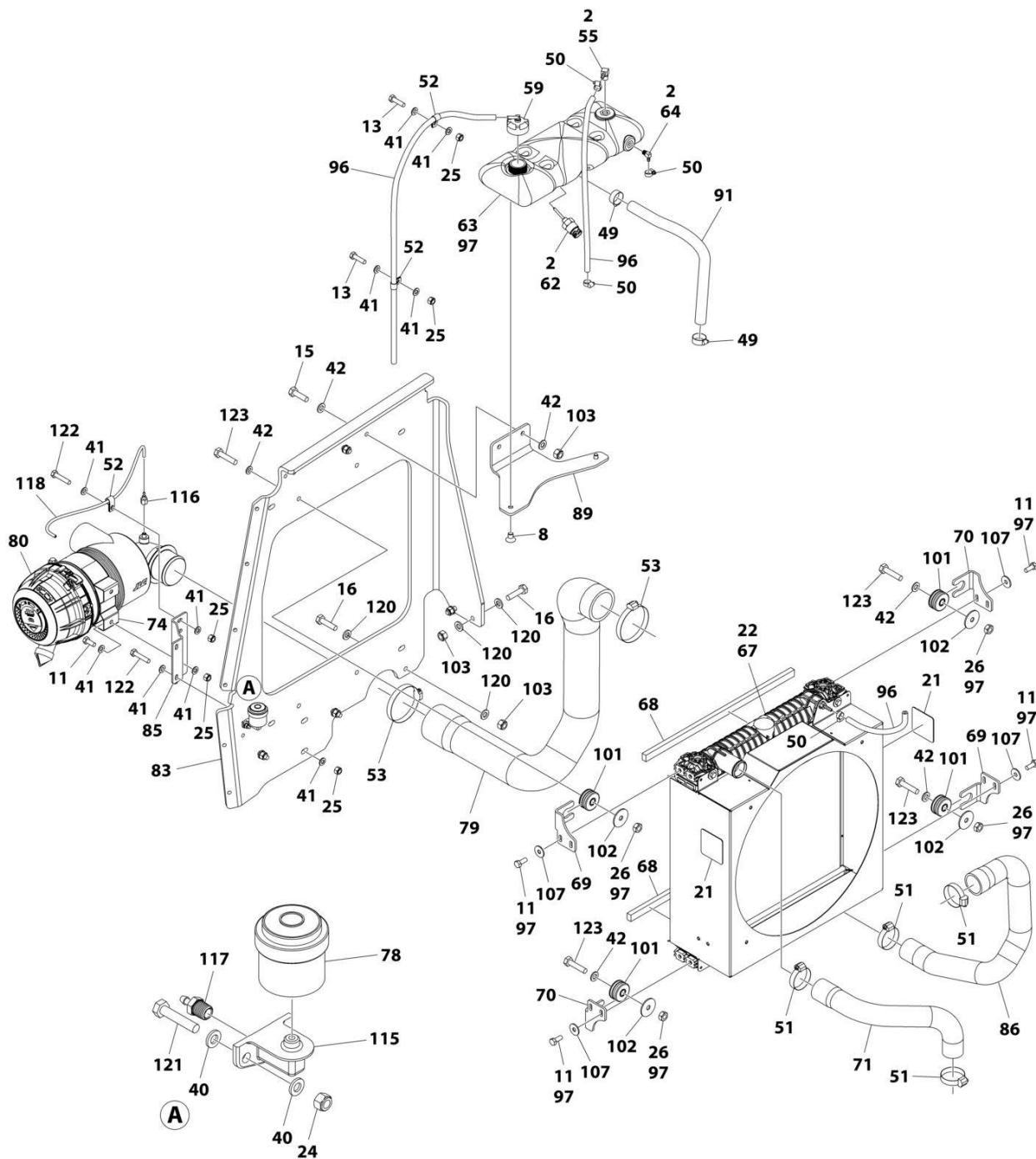
SECTION 3 - ENGINE

FIGURE 3-12. DEUTZ TD2.9L4 ENGINE AND PUMPS SUB-ASSEMBLY - WITH ARCTIC PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186813	Ref	DEUTZ TD2.9L4 ENGINE AND PUMPS SUB-ASSEMBLY	
1	0100011	AR	Compound, Locking	
2	0760612	1	Bolt M6 x 25	
3	2131616	2	Fitting, 90 ORFS/ORB	
4	2220946	1	Fitting, Straight JIC/ORB	
5	2220479	1	Fitting, Straight JIC/ORB	
6	2220451	1	Fitting, Straight JIC/ORB	
7	2220947	2	Fitting, Straight JIC/ORB	
8	3290605	1	Nut M6	
9	3422532	1	Pin	
10	3790152	1	O-Ring	
11	3931620	2	Capscrew 3/8 x 1-1/4	
11	3931618	2	Capscrew 3/8 x 1-1/8	
12	0641814	2	Bolt 1/2 x 1-3/4	
13	3960469	2	Seal	
14	4811700	1	Washer M6	
15	5241000	2	Washer M10	
16	5241200	2	Washer M12	
17	4811702	1	Washer M6	
18	1001184930	1	Piston Pump Assembly (See Separate Breakdown in this Section)	
19	1001186814	1	Deutz TD2.9L4 Engine Assembly (See Separate Breakdown in this Section)	
20	1001190143	1	Gear Pump Assembly	
20	70006356	1	Seal Kit - 1001190143 Pump	
21	1001211042	1	Pipe, Exhaust	
22	2220408	1	Fitting, Straight JIC/ORB	
23	2220940	1	Fitting, 90 JIC/ORB	

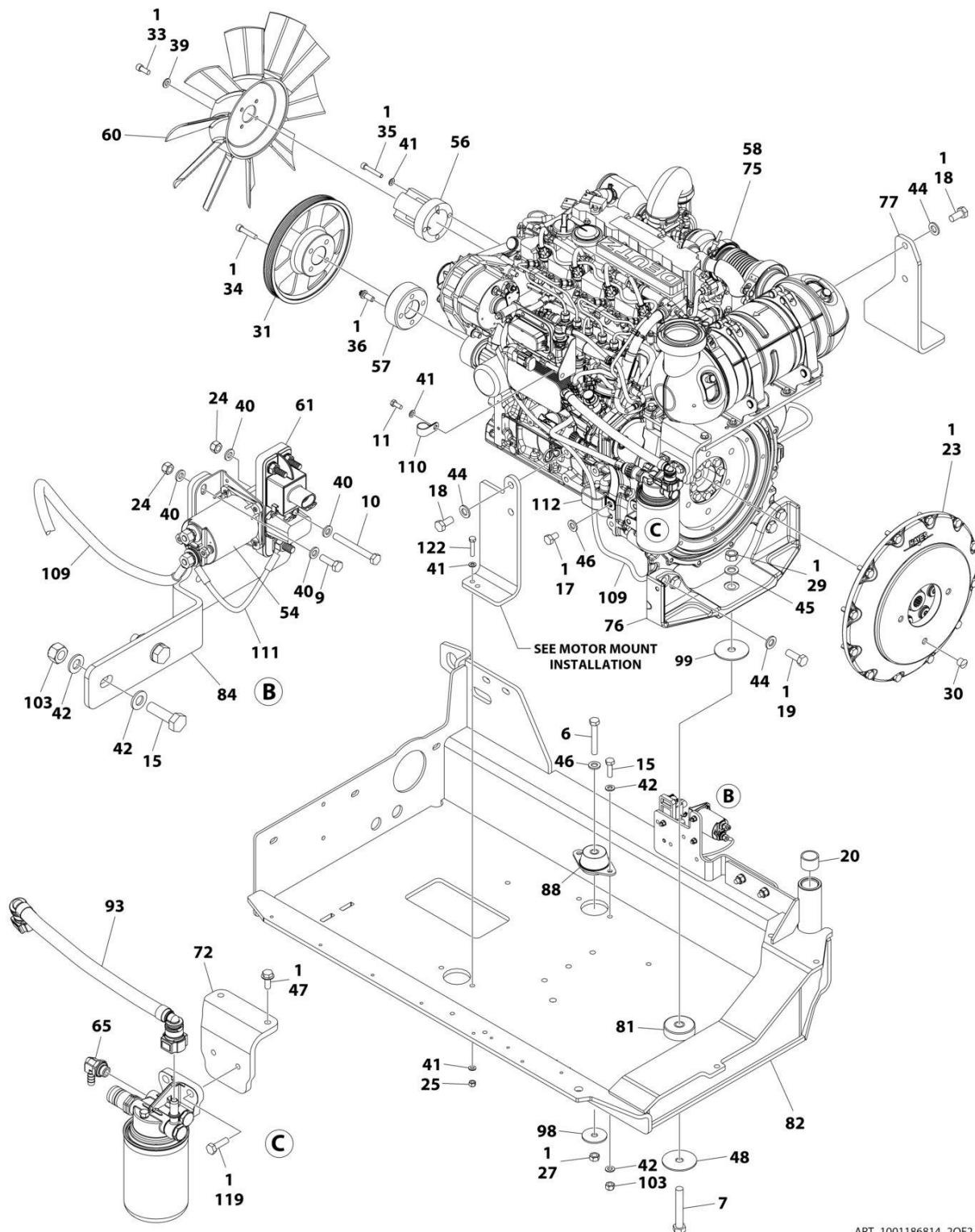
SECTION 3 - ENGINE

FIGURE 3-13. DEUTZ TD2.9L4 ENGINE ASSEMBLY - WITH ARCTIC PACKAGE



ART_1001186814_1OF2

SECTION 3 - ENGINE



ART_1001186814_20F2

SECTION 3 - ENGINE

FIGURE 3-13. DEUTZ TD2.9L4 ENGINE ASSEMBLY - WITH ARCTIC PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186814	Ref	DEUTZ TD2.9L4 ENGINE ASSEMBLY	
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant	
6	0711224	1	Bolt M12 x 80	
7	0711627	1	Bolt M16 x 100	
8	0741605	2	Screw 3/8 x 5/8	
9	0760610	2	Bolt M6 x 20	
10	0760619	1	Bolt M6 x 55	
11	0760810	11	Bolt M8 x 20	
13	0760814	3	Bolt M8 x 30	
15	0761015	6	Bolt M10 x 35	
16	0761016	5	Bolt M10 x 40	
17	0761210	1	Bolt M12 x 20	
18	0771414	4	Bolt M14 x 30	
19	0771416	4	Bolt M14 x 40	
20	0961951	2	Bushing	
21	1703162	2	Decal - Fan Blade	
22	2300041	AR	Coolant	
23	2902065	1	Pump Coupling Kit (See Separate Breakdown in this Section)	
24	3290605	5	Nut M6	
25	3290805	8	Nut M8	
26	3291001	4	Nut M10	
27	3331211	1	Nut M12	
29	3331611	1	Nut M16	
30	3520054	1	Plug	
31	3580320	1	Pulley	
33	3931512	4	Capscrew 5/16 x 3/4	
34	3931628	4	Capscrew 3/8 x 1-3/4	
35	4031914	4	Capscrew M8 x 50	
36	4032014	4	Capscrew M10 x 50	
39	4711500	4	Washer 5/16	
40	4811700	10	Washer M6	
41	4811900	21	Washer M8	
42	4812000	20	Washer M10	
44	5241400	8	Washer M14	
45	4812300	1	Washer M16	
46	5241200	2	Washer M12	
47	5250810	2	Bolt M8 x 20	
48	7300435	1	Washer	
49	8405007	2	Clamp	
50	8405009	4	Clamp	
51	8405104	4	Clamp	
52	8406109	3	Clip	
53	8410011	2	Clamp	
54	1001117308	1	Contactor	
55	1001134488	1	Fitting, 90 Barbed (Part of Item 63)	
56	1001135138	1	Adapter	
57	1001135679	1	Adapter	
58	1001136172	AR	Oil, Motor 5W-40	
59	1001136834	1	Cap, Tank	

SECTION 3 - ENGINE

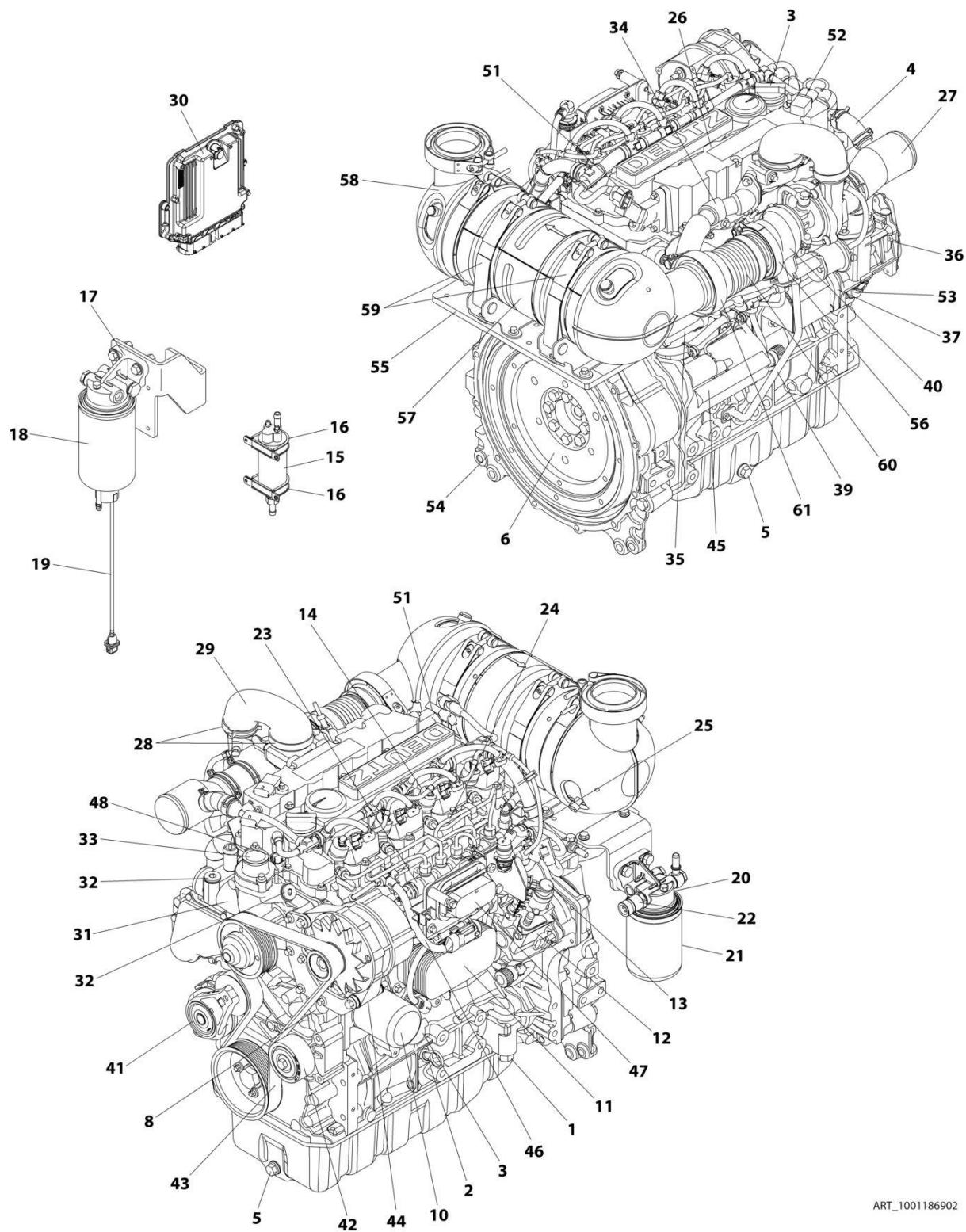
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
60	1001137276	1	Fan	
61	1001138228	1	Relay	
62	1001138827	1	Sensor, Coolant Level (Part of Item 63)	
63	1001140535	NLA	Tank, Surge (Use p/n 1001230635) (SN 0300235168 through 0300237156, SN B300002655 through B300002681)	
63	1001230635	1	Tank, Surge (Includes Items 55, 62 & 64) (SN 0300237157 to Present, SN B300002682 to Present)	
64	1001140564	1	Fitting, 90 Barbed (Part of Item 63)	
65	1001152489	1	Fitting, 90 Pipe/Barbed	
67	1001167042	1	Radiator	
68	1001168166	2	Seal	
69	1001169967	2	Bracket	
70	1001170035	2	Bracket	
71	1001177844	1	Hose, Radiator (Top)	
72	1001227059	NLA	Mount (Use p/n 1001231805) (SN 0300235168 through 0300237156, SN B300002655 through B300002681)	
72	1001231805	1	Mount (SN 0300237157 to Present, SN B300002682 to Present)	
74	1001186426	1	Clamp, Air Cleaner	
75	1001186902	1	Deutz TD2.9L4 Engine (See Separate Breakdown in this Section)	
76	1001188535	1	Bracket, Engine - Rear	
77	1001189026	1	Bracket, Engine - Right	
78	1001166716	1	Restriction, Indicator	
79	1001189913	1	Hose	
80	1001189979	1	Filter, Air	
80	70005008	1	Element, Filter	
81	1001190164	1	Mount, Motor	
82	1001200745	1	Tray	
83	1001229091	1	Support, Radiator	
84	1001203885	1	Plate	
85	1001190942	1	Support	
86	1001191025	1	Hose, Radiator (Bottom)	
88	1001191610	1	Mount, Motor	
89	1001192400	1	Bracket	
91	1001193049	1	Hose	
92	1001140312	1	Heater, Engine Block	
93	1001177359	1	Hose	
94	1001188237	NLA	Engine Harness - Deutz TD2.9L4 Engines (Not Shown) (Use pn 1001233895) (See Separate Breakdown in ELECTRICAL SECTION) (SN 0300235168 through 0300237156, SN B300002655 through B300002681)	
94	1001233895	1	Engine Harness - Deutz TD2.9L4 Engines (Not Shown) (See Separate Breakdown in ELECTRICAL SECTION) (SN 0300237157 to Present, SN B300002682 to Present)	
96	2720015	80 in/ 2.1m	Hose	
97	1001180620	AR	Adhesive	
98	1001168018	1	Washer	
99	1001197725	1	Spacer	
101	1001169054	4	Isolator	
102	1001169138	4	Pad, Snubbing	
103	3291005	11	Nut M10	
107	4811902	8	Washer M8	
108	1001181895	AR	Adhesive	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
109	1001190442	1	Harness, Alternator Power	
109	1001098764	1	Boot - Red	
110	1320202	1	Clamp	
111	1001141304	1	Harness, Glow Fuse	
112	1001181899	1	Clamp	
114	4240099	1	Tie-Strap (Not Shown)	
115	1001223254	1	Bracket	
116	1001223255	1	Fitting, Straight FNPT	
117	1001223256	1	Fitting, Straight MNPT	
118	1001223257	24 in/.6m	Hose	
119	5251012	2	Bolt M10 x 25	
120	5241000	10	Washer M10	
121	0760614	2	Bolt M6 x 30	
122	0760816	3	Bolt M8 x 40	
123	0761017	4	Bolt M10 x 45	

SECTION 3 - ENGINE

FIGURE 3-14. DEUTZ TD2.9L4 ENGINE COMPONENTS



ART_1001186902

SECTION 3 - ENGINE

FIGURE 3-14. DEUTZ TD2.9L4 ENGINE COMPONENTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186902	Ref	DEUTZ TD2.9L4 ENGINE COMPONENTS	D
1	70025660	1	Plug	
1	70006264	1	Valve, Plunger	
1	70006265	1	Spring	
1	70006266	1	Seal	
2	70024904	1	Dipstick	
2	70024905	2	Seal	
3	7020465	2	Cap, Fill	
4	70005920	1	Line, Breather	
4	70025111	2	Clamp	
5	70006941	2	Plug	
5	70005942	2	Seal	
6	70001870	1	Flywheel	
6	7024579	1	Ring Gear	
6	70025139	8	Bolt	
7		Ref	Gasket & Seal Options (Not Shown):	
7	70005938	1	Gasket Kit	
7	70024906	1	Gasket, Head	
7	70005922	1	Gasket, Valve Cover	
7	70028185	1	Gasket, Front Cover	
7	70004280	1	Seal, Front Main	
7	70002718	1	Seal, Rear Main	
8	70025091	1	Plug	
8	70025076	1	Valve, Plunger	
8	70025176	1	Spring	
8	70025082	1	Seal	
9	70005172	1	Pump, Lube (Not Shown - Located RH Rear)	
9	70025135	1	O-Seal	
9	70005173	1	Gasket	
10	7016331	1	Filter, Oil	
10	70025137	1	Bushing, Oil Filter	
11	70024494	1	Cooler, Oil	
11	70024925	1	Gasket, Oil Filter	
12	70024924	1	Pump, High Pressure	
12	70025152	1	Gasket (Spacer to Pump)	
12	70024488	1	Spacer	
12	70024517	1	Gasket (Spacer to Block)	
12	70004505	1	Valve, Overflow	
12	70004506	1	Gasket, Overflow	
12	70004507	1	Gasket, Overflow	
13	70004508	1	Valve, Volume Control	
13	70004509	1	O-Ring	
13	70004510	1	Gasket	
14	70025181	4	Injector	
14	70025140	4	Washer, Sealing	
14	70025146	4	Clamp	
14	70025145	4	O-Seal	
14	70025154	4	Shoe/Pad, Clamping	
15	1001226098	1	Pump, Fuel Supply (was p/n 70005174 & 70006144)	
16	70025144	2	Clip, Clamp	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
17	70024961	1	Fuel Filter Assembly	
18	70025153	1	Element, Filter	
19	70024513	1	Cable, Sensor	
19	70025239	1	Seal, Ring	
20	70025160	1	Fuel Filter Assembly	
20	70004513	2	Seal (at Hollow Bolt)	
21	70025161	1	Element, Filter	
22	70024504	1	Sensor, Pressure	
22	70024920	1	O-Seal	
23	70025151	1	Rail, Fuel	
23	70025235	1	Repair Kit - Fuel Rail	
23	70025240	1	O-Ring	
24	70025182	1	Tube, Fuel - Cylinders 1 & 2	
24	70025183	1	Tube, Fuel - Cylinders 3 & 4	
24	70025184	1	Tube, Fuel	
25	70024502	1	Pipe, Fuel Leakage	
25	70025185	1	Hose, Fuel	
25	70025158	1	Manifold	
25	70025109	2	Clamp, Spring	
25	70025115	1	Clamp	
25	70025133	1	Hose	
25	70025101	2	Clamp	
25	70025148	1	Connector, Plug-in	
26	70005923	1	Manifold, Charger Air	
26	70005177	1	Gasket, Charger Air Manifold	
26	70005924	1	Seal (Manifold to Elbow)	
26	70005925	1	Line, Breather (Not Shown)	
26	70005181	1	O-Seal (Breather to Manifold)	
27	70005926	1	Elbow	
27	70025112	2	Clamp	
27	70004501	1	Sleeve, Rubber	
28	70005927	1	Sleeve	
28	70025107	2	Clamp	
29	70005928	1	Elbow, Air Charge	
30	70025210	1	Module, ECU	
31	70024910	1	Pump, Coolant	
31	70025200	1	Ring, Sealing (Pump to Block)	
32	70025084	2	Plug	
32	7020492	2	Ring, Sealing	
33	70005929	1	Thermostat	
33	70005184	1	O-Seal (Thermostat to Housing)	
33	70005930	1	Housing, Thermostat	
33	70005931	1	O-Seal (Thermostat to Pump)	
33	70025124	2	Bolt	
34	70025178	1	Tube	
34	70025179	2	Gasket (at Either End of Tube)	
35	70025768	1	Valve, Shuttle	
35	70025180	1	Gasket	
35	70025174	1	Housing, Shuttle Valve	
35	70025175	1	Cap, Shuttle Valve	
36	70025203	1	Module, EGR	

SECTION 3 - ENGINE

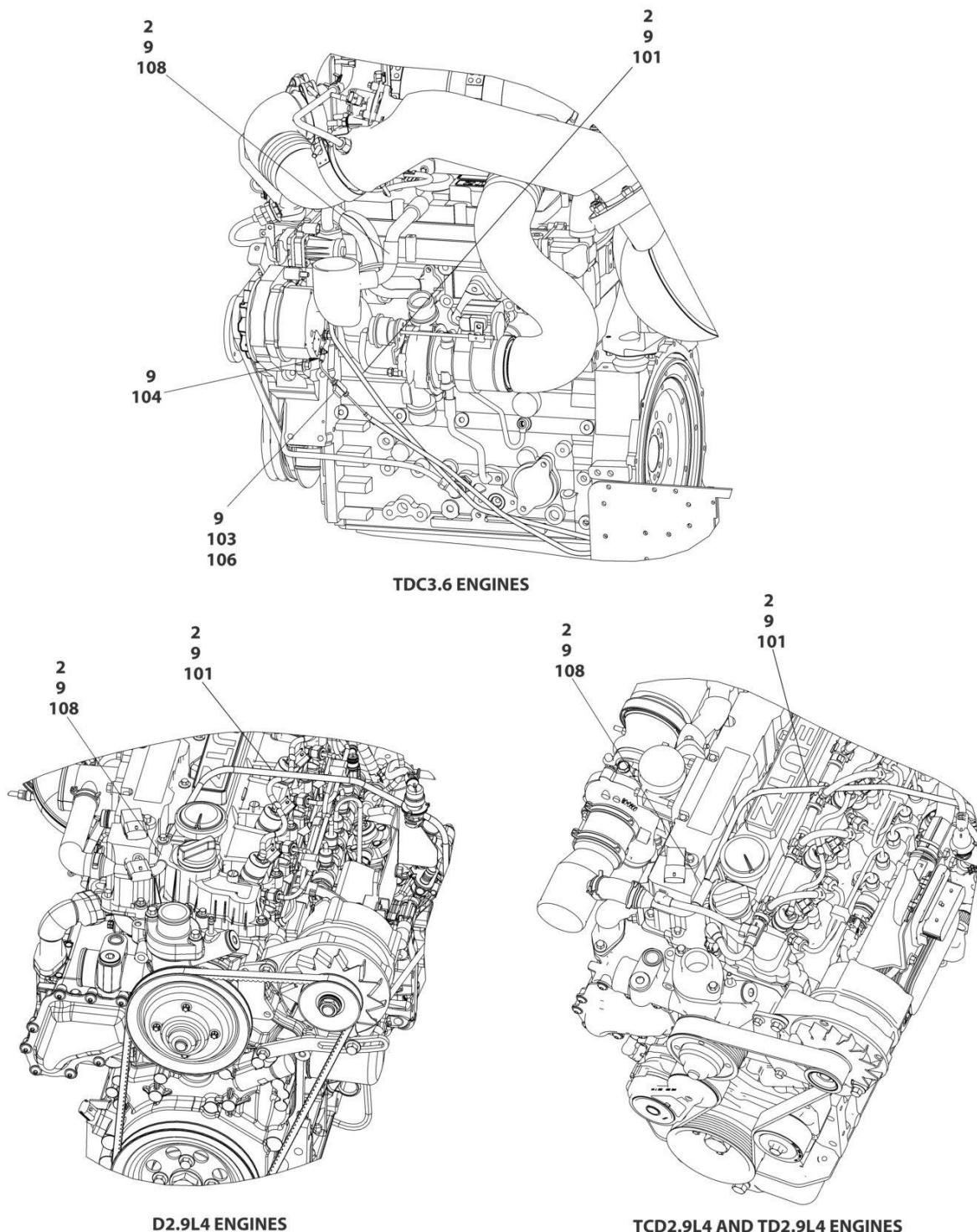
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
36	70025155	1	Plug (Not Shown)	
37	70005188	1	Valve, EGR Control	
37	70005189	1	Seal (Valve to Module)	
38	70004282	1	Manifold, Exhaust (Not Shown)	
38	70025164	1	Gasket, Manifold to Head (Not Shown)	
38	70025130	8	Bolt, Manifold (Not Shown)	
38	70026995	1	Elbow, Exhaust (Not Shown)	
38	70025179	2	Gasket, Manifold to Elbow (Not Shown)	
39	70005932	1	Tube, Oil Return	
39	70025132	1	O-Seal	
40	70004276	1	Turbocharger	
40	70024509	1	Gasket (Turbocharger to Oil Return Tube Housing)	
40	1001191599	1	Gasket (Turbocharger to Exhaust)	
41	70025477	1	Tensioner, Belt	
42	70024484	1	Roller, Idler	
43	70004277	1	Belt	
44	70025733	1	Pulley, Alternator	
44	70024914	1	Alternator	
44	70025149	1	Controller	
44	70025131	1	Fan	
45	70024915	1	Starter	
45	70005647	1	Switch, Solenoid	
45	70005648	1	Relay	
46	70000345	4	Glow Plug	
46	70025231	1	Harness, Glow Plug	
46	70025233	1	Connector, Plug-in	
47	70025077	1	Harness, Engine	
48	70024918	1	Sender, Temperature	
49	70024504	1	Sensor, Pressure (Not Shown - RH Front)	
49	70024920	1	O-Seal	
50	70026210	1	Sensor, Speed (Not Shown - Front)	
50	70005191	1	Ring, Seal	
51	70024507	1	Sensor, Pressure	
51	70025120	1	O-Seal	
51	70005933	1	Adapter	
51	70005934	1	O-Seal	
52	70024922	1	Sender, Temperature	
52	70025212	1	O-Seal	
53	70026210	1	Sensor, Speed (Not Shown - Front)	
53	70024917	1	O-Seal	
54	70025192	1	Housing	
55	70005935	1	Bracket	
56	70025877	1	Clip	
56	70025242	1	Gasket	
56	70025877	1	Clip	
56	70025242	1	Gasket	
57	70005937	1	Muffler, DOC	
58	70025246	1	Outlet, Muffler	
59	70025245	2	Clamp	
60	70004504	1	Compensator	
60	70025242	1	Gasket	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
60	70005527	1	Clip	
61	70025877	1	Clip	

SECTION 3 - ENGINE

FIGURE 3-15. BREather HEATER INSTALLATION - DEUTZ D2.9L4 ENGINE WITH ARCTIC PACKAGE



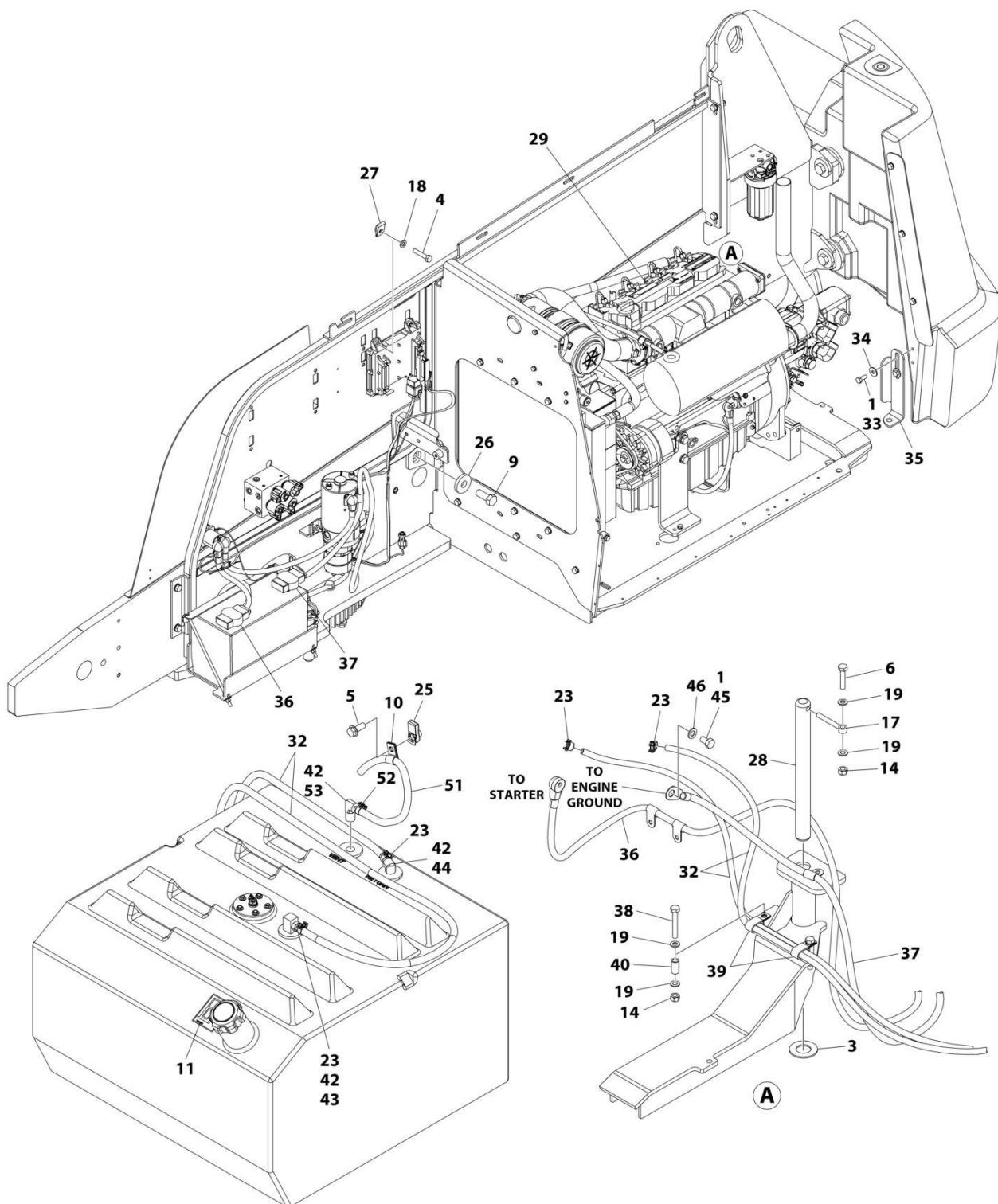
SECTION 3 - ENGINE

FIGURE 3-15. BREATHER HEATER INSTALLATION - DEUTZ D2.9L4 ENGINE WITH ARCTIC PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
2	1001233763	Ref	BREATHER HEATER INSTALLATION - DEUTZ ENGINES	C
9	4240099	AR	Tie-Strap	
101	1001243895	1	Breather Heater Harness	
103	2820035	10 ft/ 3m	Insulation	
104	2400060	1	Fuseholder with Cover	
105	4460043	1	Terminal, Ring	
106	4460722	1	Terminal, Ring (Not Shown)	
108	1001196634	1	Fuse - 2 Amp	
	1001232842	1	Breather Heater Kit	

SECTION 3 - ENGINE

FIGURE 3-16. DEUTZ D2011 (STAGE V) ENGINE INSTALLATION



ART_1001235469

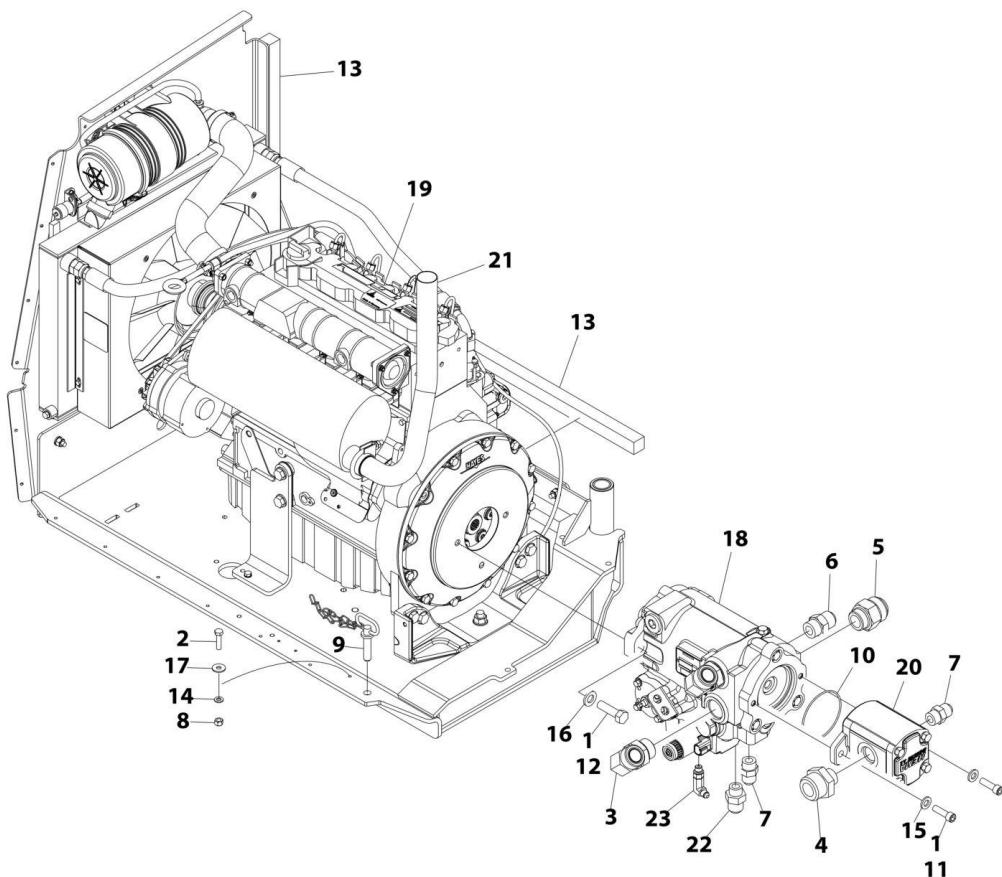
SECTION 3 - ENGINE

FIGURE 3-16. DEUTZ D2011 (STAGE V) ENGINE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235469	Ref	DEUTZ D2011 (STAGE V) ENGINE INSTALLATION	
1	0100011	AR	Compound, Locking	
3	0440162	1	Bearing	
4	0700614	4	Bolt M6 x 30	
5	5251012	1	Bolt M10 x 25	
6	0711018	1	Bolt M10 x 50	
9	0772018	1	Bolt M20 x 50	
10	8406110	1	Clip	
11	1701505	1	Decal - Diesel Fuel	
14	3291005	3	Nut M10	
17	3841143	1	Keeper, Pin	
18	4811700	4	Washer M6	
19	4812000	6	Washer M10	
23	1001174486	4	Clamp	
25	1001118972	1	Nut, Tinnerman M10	
26	1001119051	1	Washer	
27	1001130220	4	Nut, Tinnerman M6	
28	1001155094	1	Pin	
29	1001235470	1	Deutz D2011 (Stage V) Engine and Pumps Sub-Assembly (See Separate Breakdown in this Section)	
32	2720058	288 in/ 7.3m	Hose, Fuel	
33	0701012	2	Bolt M10 x 70	
34	4812002	2	Washer M10	
35	1001196398	1	Bracket	
36	1001188667	1	Cable, Battery (+) to Aux Relay to Starter	
37	1001188670	1	Cable, Battery (-) to Aux Pump and Ground	
38	0701022	2	Bolt M10 x 70	
39	1001026127	2	Clamp	
40	1001200731	2	Tube	
41	4240099	6	Tie-Strap (Not Shown)	
42	0100020	AR	Sealant	
43	2180348	1	Fitting, Straight NPT x Barb	
44	2221176	2	Fitting, 90 Barbed	
45	0761210	1	Bolt M12 x 20	
46	4812100	1	Washer M12	
47	1001192690	1	Hose (Case Drain) (Drive Pump Case Gauge Port to Tank) (Not Shown)	
48	1001203431	1	Hose (Case Drain) (Drive Pump Case Outlet Port to Tank) (Not Shown)	
49	1001203432	1	Hose (Function Suction) (Not Shown)	
50	1001203433	1	Hose (Drive Suction) (Not Shown)	
51	1001165035	20 in/ 0.5m	Hose	
52	1001136975	1	Clamp	
53	2220313	1	Fitting, 90 NPTF/Barb	
100	1001235699	1	Battery Cable Kit (Includes Items 36 & 37) (Not Shown)	

SECTION 3 - ENGINE

FIGURE 3-17. DEUTZ D2011 (STAGE V) ENGINE AND PUMPS SUB-ASSEMBLY



ART_1001235470

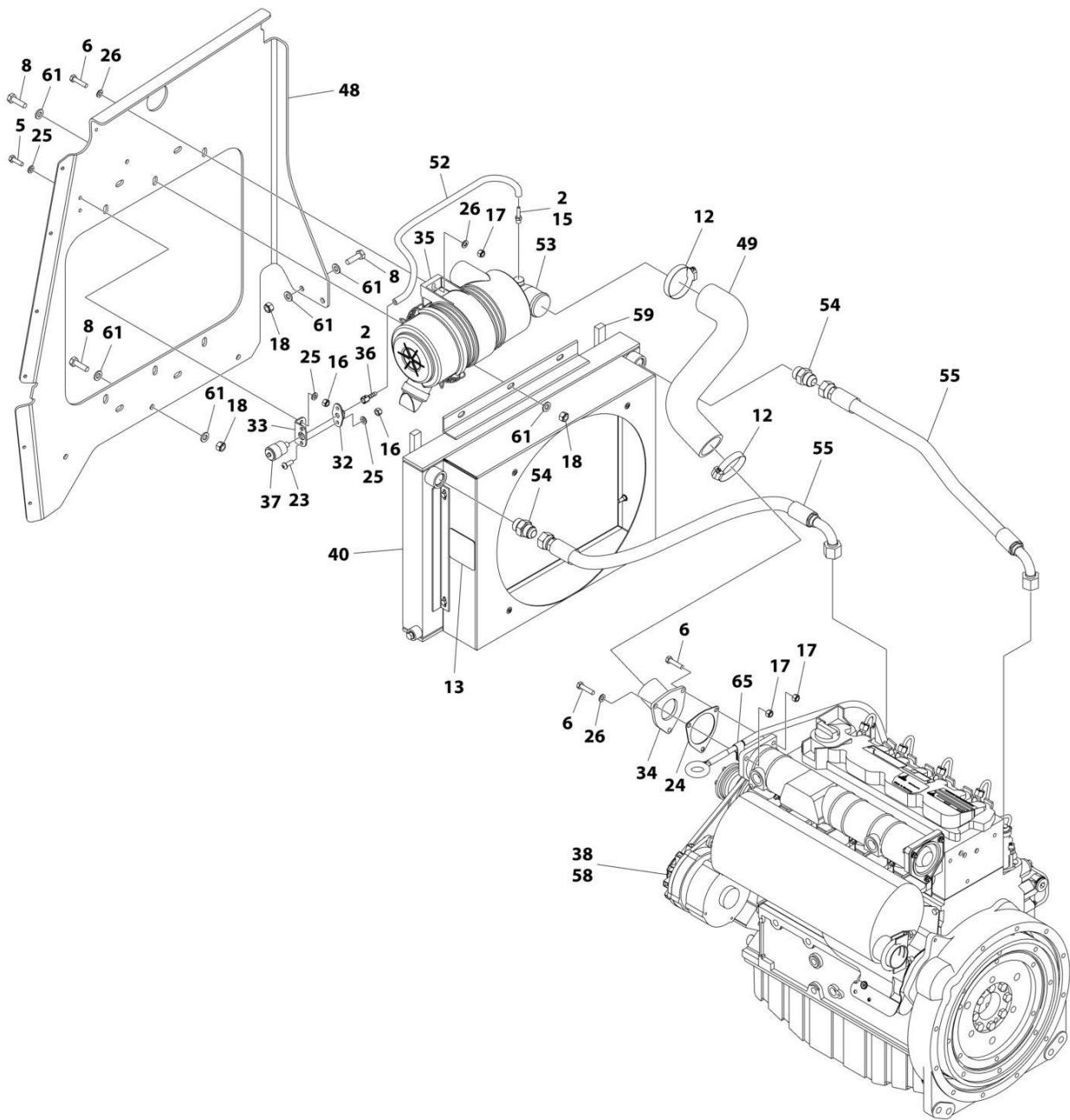
SECTION 3 - ENGINE

FIGURE 3-17. DEUTZ D2011 (STAGE V) ENGINE AND PUMPS SUB-ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001235470	Ref	DEUTZ D2011 (STAGE V) ENGINE AND PUMPS SUB-ASSEMBLY	A
1	0100011	AR	Compound, Locking	
2	0760612	1	Bolt M6 x 25	
3	2131616	2	Fitting, 90 ORFS/ORB	
4	2220946	1	Fitting, Straight JIC/ORB	
5	2220479	1	Fitting, Straight JIC/ORB	
6	2220451	1	Fitting, Straight JIC/ORB	
7	2220947	2	Fitting, Straight JIC/ORB	
8	3290605	1	Nut M6	
9	3422532	1	Pin	
10	3790152	1	O-Ring	
11	3931618	2	Capscrew 3/8 x 1-1/8	
12	0641814	2	Bolt 1/2 x 1-3/4	
13	3960469	2	Seal	
14	4811700	1	Washer M6	
15	5241000	2	Washer M10	
16	5241200	2	Washer M12	
17	4811702	1	Washer M6	
18	1001184930	1	Piston Pump Assembly (See Separate Breakdown in this Section)	
19	1001235471	1	Deutz D2011 (Stage V) Engine Assembly (See Separate Breakdown in this Section)	
20	1001190143	1	Gear Pump Assembly	
20	70006356	1	Seal Kit - 1001190143 Pump	
21	1001191273	1	Pipe, Exhaust	
22	2220408	1	Fitting, Straight JIC/ORB	
23	2220940	1	Fitting, 90 JIC/ORB	

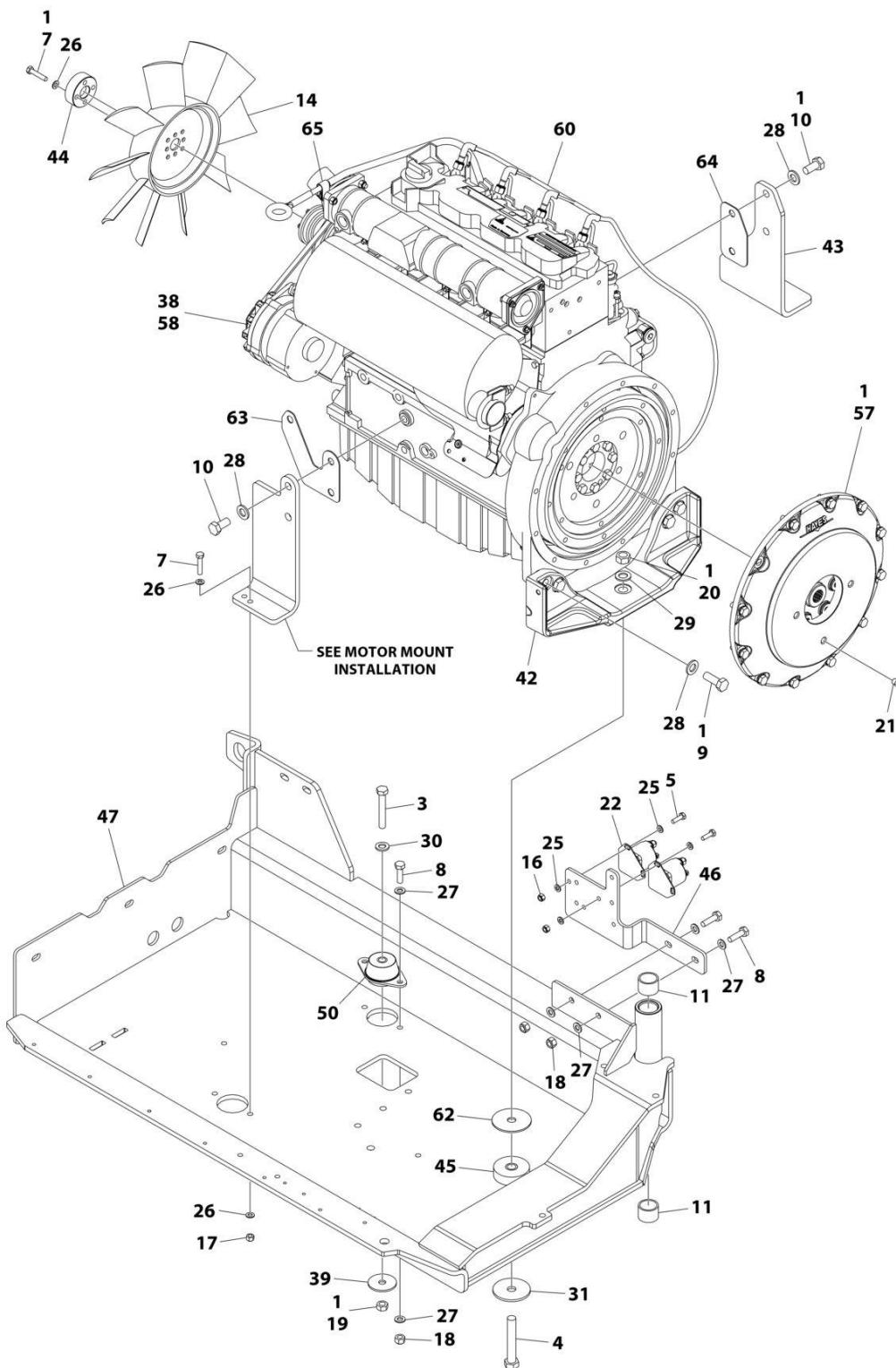
SECTION 3 - ENGINE

FIGURE 3-18. DEUTZ D2011 (STAGE V) ENGINE ASSEMBLY



ART_1001235471_1OF2

SECTION 3 - ENGINE



ART_1001235471_2OF2

SECTION 3 - ENGINE

FIGURE 3-18. DEUTZ D2011 (STAGE V) ENGINE ASSEMBLY

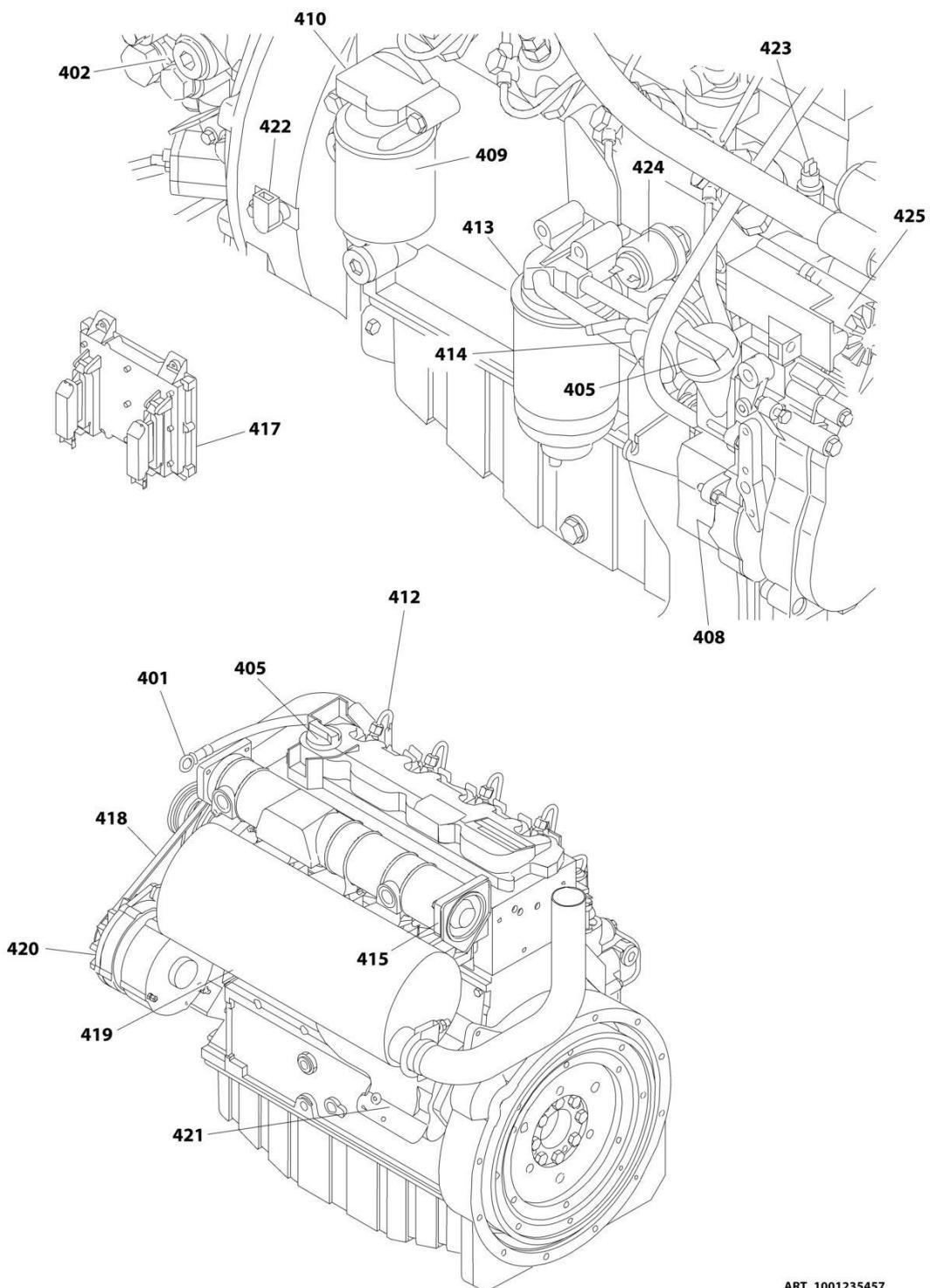
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235471	Ref	DEUTZ D2011 (STAGE V) ENGINE ASSEMBLY	
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant	
3	0711224	1	Bolt M12 x 80	
4	0711627	1	Bolt M16 x 100	
5	0760610	6	Bolt M6 x 20	
6	0760815	5	Bolt M8 x 35	
7	0760816	5	Bolt M8 x 40	
8	0761015	15	Bolt M10 x 35	
9	0771416	4	Bolt M14 x 40	
10	0771414	4	Bolt M14 x 30	
11	0961951	2	Bushing	
12	8405202	2	Clamp	
13	1703162	2	Decal - Fan Blade	
14	2060025	1	Fan	
15	2220315	1	Fitting, Straight Barbed	
16	3290605	8	Nut M6	
17	3290805	6	Nut M8	
18	3291005	15	Nut M10	
19	3331211	1	Nut M12	
20	3331611	1	Nut M16	
21	3520054	2	Plug	
22	3740067	2	Relay	
23	3900357	2	Screw M6 x 16	
24	3960407	1	Gasket, Air Intake Adapter	
25	4811700	14	Washer M6	
26	4811900	11	Washer M8	
27	4812000	8	Washer M10	
28	5241400	8	Washer M14	
29	4812300	1	Washer M16	
30	5241200	1	Washer M12	
31	7300435	1	Washer	
32	1001138173	1	Support	
33	1001138175	1	Bracket	
34	1001139819	1	Adapter	
35	1001141694	1	Clamp, Air Cleaner	
36	1001141995	1	Fitting, Straight NPT/Barbed	
37	1001143390	1	Indicator, Air Filter Service	
38	1001235457	1	Deutz D2011 (Stage V) Engine Components (See Separate Breakdown in this Section)	
39	1001168018	1	Washer	
40	1001187082	1	Radiator	
41	1001188236	1	Engine Harness - Deutz D2011 Engines (Not Shown) (See Separate Breakdown in ELECTRICAL SECTION)	
42	1001188535	1	Bracket, Engine - Rear	
43	1001189026	1	Bracket, Engine - Right	
44	1001189161	1	Adapter, Fan	
45	1001190164	1	Mount, Motor	
46	1001203885	1	Plate	
47	1001200435	1	Tray	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
48	1001200791	1	Support, Radiator	
49	1001191271	1	Hose	
50	1001191610	1	Mount, Motor	
52	1001138248	21.7 in/ 0.6m	Tube	
53	1001165388	1	Filter, Air	
53	70003783	1	Element, Filter	
54	2220451	2	Fitting, Straight ORB/JIC	
55	2720398	2	Hose	
57	2902065	1	Pump Coupling Kit (See Separate Breakdown in this Section)	
58	3020016	AR	Oil, Motor 15W-40	
59	1001168166	2	Seal	
60	1001234396	1	Glow Plug Harness	
61	5241000	22	Washer M10	
62	1001197725	1	Spacer	
63	1001201843	1	Shim .079	
64	1001201844	1	Shim .079	
65	1320070	1	Clamp	

SECTION 3 - ENGINE

FIGURE 3-19. DEUTZ D2011 (STAGE V) ENGINE COMPONENTS



ART_1001235457

SECTION 3 - ENGINE

FIGURE 3-19. DEUTZ D2011 (STAGE V) ENGINE COMPONENTS

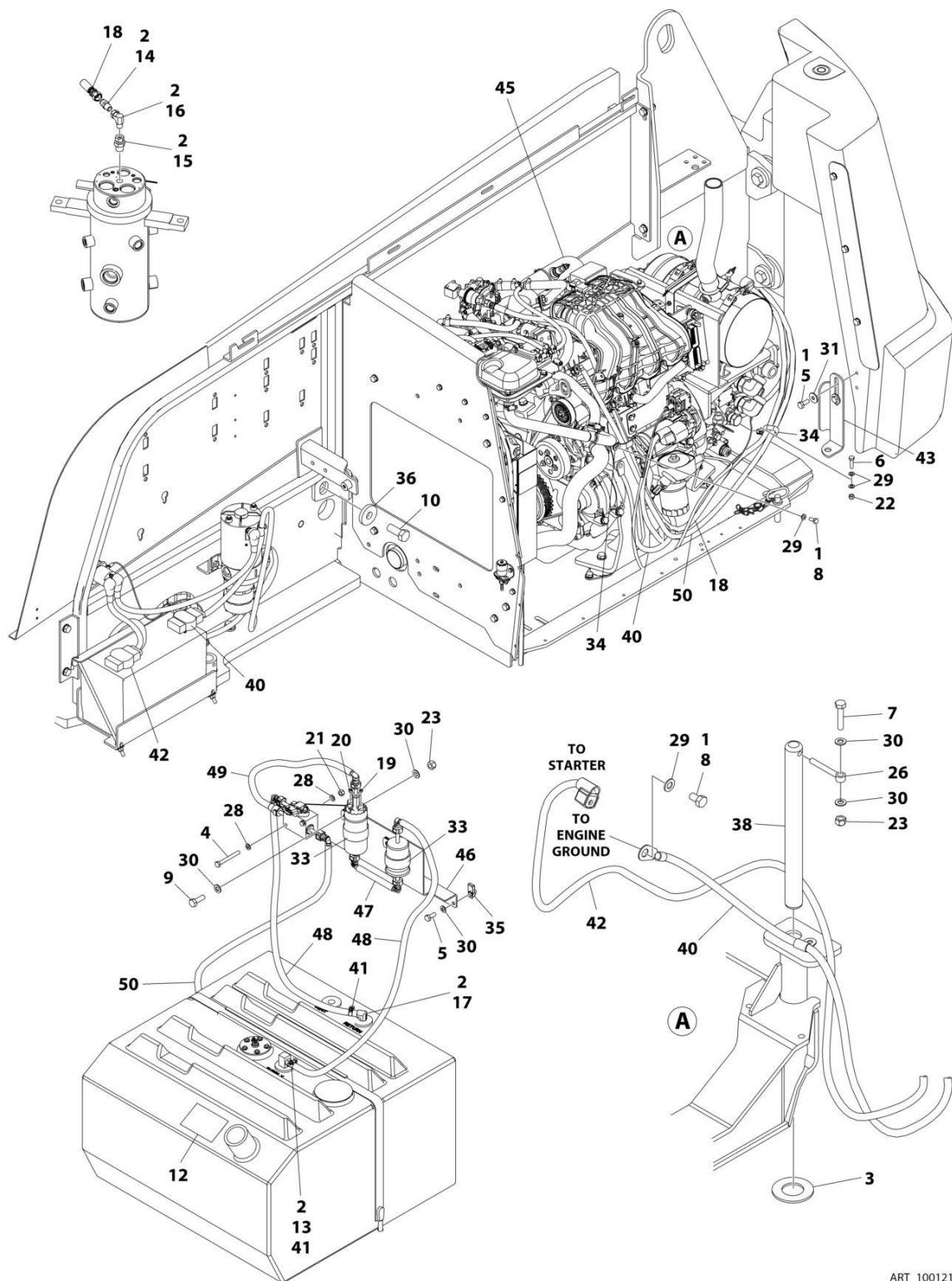
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235457	Ref	DEUTZ D2011 (STAGE V) ENGINE COMPONENTS	D
401	7026631	1	Dipstick	
401	7020487	1	Seal, Dipstick	
401	70001002	1	Tube, Dipstick	
401	7020403	1	Seal, Dipstick Tube	
402	70003475	1	Thermostat	
403	70002718	1	Seal, Rear Main (Not Shown)	
404	70001870	1	Flywheel (Not Shown)	
404	7024579	1	Ring Gear (Located on Flywheel - Not Shown)	
405	7020465	2	Cap, Filler	
406		Ref	Gasket, Head Options (Not Shown):	
406	70003456	1	Gasket with 1 Notch	
406	70003457	1	Gasket with 2 Notches	
406	70003003	1	Gasket with 3 Notches	
406	7020431	1	Gasket, Valve Cover (Not Shown)	
406	70004273	1	Gasket Kit (Note: Does not include Head Gasket)	
407	70000800	1	Kit, Timing Belt/Idler (Not Shown)	
408	70001850	1	Pump, Oil Lube	
408	7020468	1	Seal Between Oil Pump and Engine Block (Not Shown)	
409	7016331	1	Filter, Oil	
410	70003472	1	Bracket, Oil Filter	
410	7027236	1	Sender, Temperature	
410	70003473	1	Gasket, Bracket to Engine Block	
411	70004268	2	Connector, Radiator Hose (Not Shown)	
411	70004269	2	Ring, Sealing (Not Shown)	
412	70003478	4	Injector, Fuel	
412	70003136	4	Seal	
412		Ref	Pump, Injector Options:	
412	70000912	Ref	Series A Injector	
412	70000913	4	Series B Injector	
412	70000914	4	Series C Injector	
412	70000915	4	Series D Injector	
412	70003464	4	O-Ring	
413	7016328	1	Filter, Fuel	
413	70001423	1	Bracket, Fuel Filter	
414	70000916	1	Pump Fuel Supply	
414	70001435	1	Repair Kit for 70000916 Pump	
414	70000919	1	Hand Pump	
414	70000918	1	Seal, Hand Pump	
414	70000917	1	O-Seal Between Fuel Pump and Engine Block	
415		Ref	Intake Manifold Components	
415	70003469	1	Flange, Blanking	
415	70003468	1	Seal (Flange to Air Intake Manifold)	
415	70001871	4	Gasket, Intake Manifold to Engine Block (Not Shown)	
415	70003470	8	Screw, Torx Head (Not Shown)	
416	70001847	1	Breather Valve (Not Shown - Located On Front Cover)	
416	70001126	1	Seal, Breather Valve	
417	7027795	1	Module, Control	
417		Ref	Left Module Connections:	
417	7027796	1	Cable, Interconnect (Module to 70001872 Cable)	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
417	70004060	1	Plug, Connector	
417	70001872	1	Cable, Harness	
417	70004103	1	Cable (Alternator to 70001872 Cable)	
417	70004271	1	Cable (Starter to 70001872 Cable)	
417		Ref	Right Module Connections:	
417	70004059	1	Plug, Diagnostic	
418	7020408	1	V-Belt	
419		Ref	Muffler Options:	
419	7000695	1	Standard Muffler (Supplied with Engine)	
419	See Note	1	Spark Arrester Muffler (Note: See Separate Breakdown in this Section)	
419	See Note	1	Catalytic Muffler (Note: See Separate Breakdown in this Section)	
419		Ref	Muffler Components:	
419	1320176	1	Clamp, Saddle	
419	70001017	1	Clamp	
419	7024560	1	Plug, Brass	
419	See Note	1	Pipe, Exhaust Standard Muffler (Note: Purchase Locally)	
419	7024398	1	Pipe, Exhaust	
419	7020471	4	Gasket, Exhaust Manifold to Engine Block	
419	70004270	8	Stud, Muffler	
420	70004056	1	Alternator	
420	70001868	1	Regulator, Voltage (Not Shown)	
420	70001866	1	Seal, Gasket for Voltage Regulator (Not Shown)	
420	70000851	1	Bracket, Mounting (Not Shown)	
420	70002234	1	Bracket, Adjusting (Not Shown)	
421	7020479	1	Starter	
421	70004058	1	Relay	
421	70001498	1	Shield, Starter Heat	
422	70004272	1	Sensor, Speed	
422	70003932	1	Spacer, Sensor	
423	7027791	1	Transmitter, Temperature	
424	7027790	1	Sensor, Oil Pressure	
425	7027792	1	Actuator, Throttle	
425	7027276	2	Spring, Actuator	
426	70000345	4	Plug, Glow (Not Shown)	
427	70005479	1	Pulley, Crankshaft (Not Shown)	

SECTION 3 - ENGINE

FIGURE 3-20. FORD ENGINE INSTALLATION - WITHOUT ARCTIC PACKAGE



ART_1001215608

SECTION 3 - ENGINE

FIGURE 3-20. FORD ENGINE INSTALLATION - WITHOUT ARCTIC PACKAGE

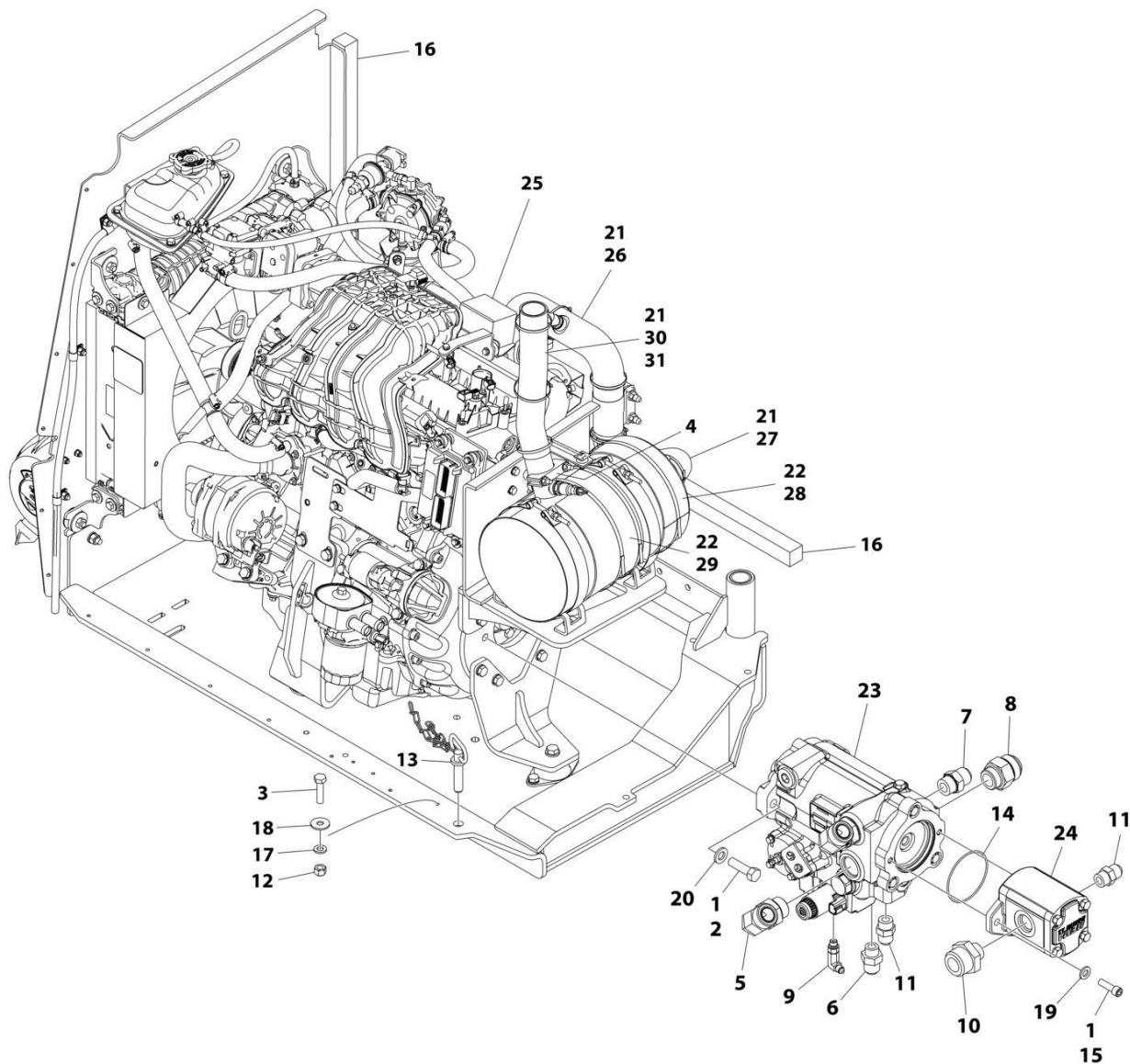
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215608	Ref	FORD ENGINE INSTALLATION	
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant	
3	0440162	1	Bearing	
4	0700619	2	Bolt M6 x 55	
5	0701012	4	Bolt M10 x 25	
6	0760814	1	Bolt M8 x 30	
7	0711018	1	Bolt M10 x 50	
8	0760810	2	Bolt M8 x 20	
9	0761014	2	Bolt M10 x 30	
10	0772018	1	Bolt M20 x 50	
12	1701542	1	Decal - Gas	
13	2180348	1	Fitting, Straight NPT/BARB	
14	2180418	1	Fitting, Straight	
15	2220005	1	Fitting, Straight NPTM	
16	2220064	1	Fitting, Straight	
17	2221176	1	Fitting, 90	
18	1001222133	1	Hose	
19	3290405	1	Nut M4	
20	3290505	1	Nut M5	
21	3290605	2	Nut M6	
22	3290805	1	Nut M8	
23	3291005	3	Nut M10	
25	3790012	1	O-Ring (Not Shown - Located on Platform Console)	
26	3841143	1	Keeper, Pin	
27	4740397	1	Spacer (Not Shown - Located on Platform Console)	
28	4811700	4	Washer M6	
29	4811900	4	Washer M8	
30	4812000	8	Washer M10	
31	4812002	2	Washer M10	
33	85941018	2	Clamp	
34	1321283	2	Clamp	
35	1001118972	2	Nut, Tinnerman	
36	1001119051	1	Washer	
37	1001115044	1	Nut 15/32 (Not Shown - Located on Platform Console)	
38	1001155094	1	Pin	
39	1001161710	1	Switch, Toggle (Not Shown - Located on Platform Console)	
40	1001215220	1	Cable, Battery (-) to Aux Pump to Ground	
41	1001174486	2	Clamp	
42	1001215219	1	Cable, Battery (+) to Aux Ready to Starter	
43	1001196398	1	Bracket	
45	1001215610	1	Ford Engine and Pumps Sub-Assembly (See Separate Breakdown in this Section)	
46	1001219005	1	Bracket	
47	1001219015	1	Hose	
48	1001219021	2	Hose	
49	1001219022	1	Hose	
50	1001219024	1	Hose	
52	1001203432	1	Hose (Drive Suction) (Not Shown)	
53	1001221942	1	Hose (Function Suction) (Not Shown)	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
54	1001221943	1	Hose (Case Drain) (Drive Pump Case Outlet Port to Tank) (Not Shown)	
55	1001221944	1	Hose (Case Drain) (Drive Pump Case Gauge Port to Tank) (Not Shown)	
56	1701543	2	Decal - LPG (Not Shown - See DECALS INSTALLATION - OPTIONS for Locations)	
57	4240099	1	Tie-Strap (Not Shown)	
100	1001236136	1	Battery Cable Kit (Includes Items 40 & 42) (Not Shown) (SN 0300237157 to Present)	

SECTION 3 - ENGINE

FIGURE 3-21. FORD ENGINE AND PUMPS SUB-ASSEMBLY - WITHOUT ARCTIC PACKAGE



ART_1001215610

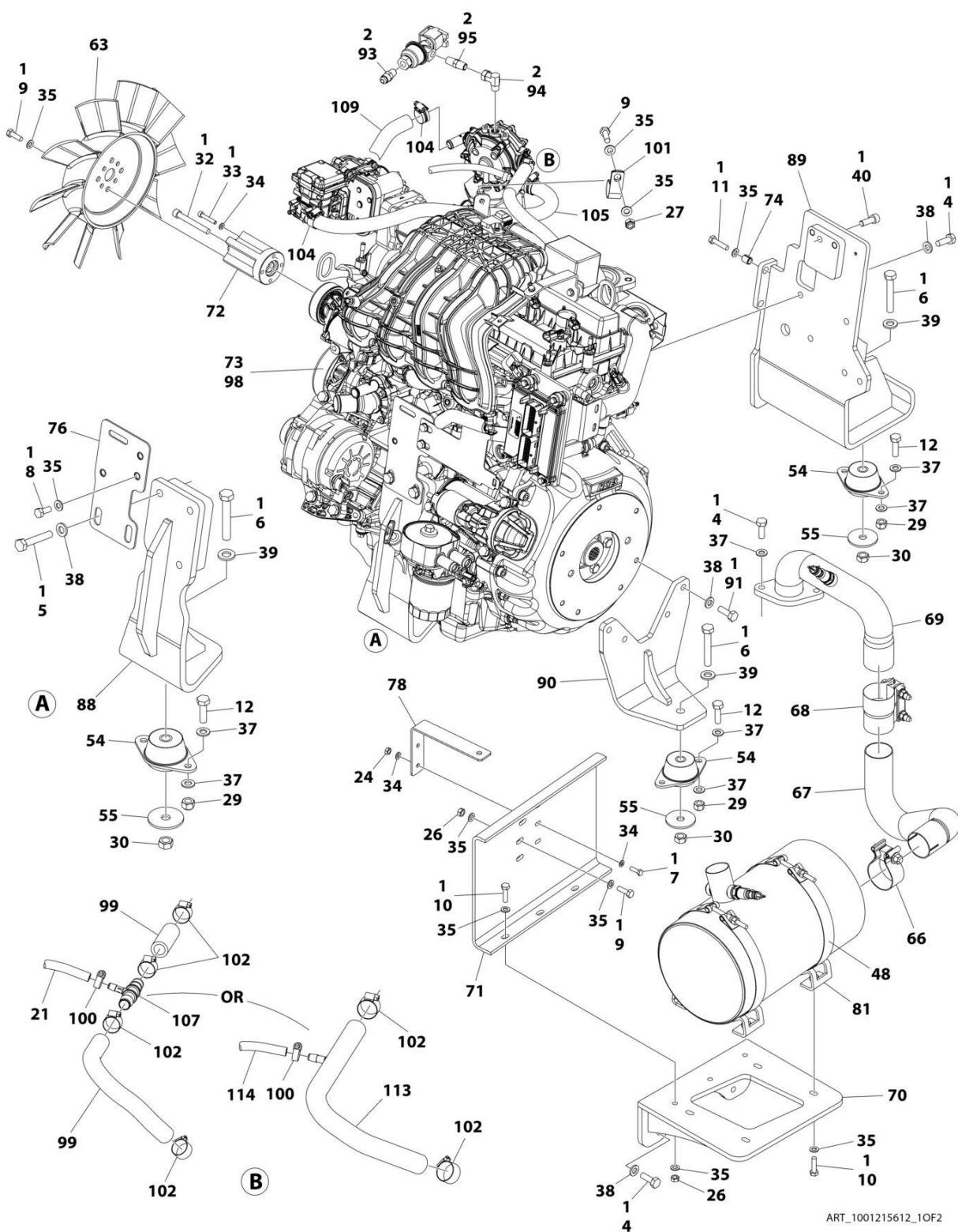
SECTION 3 - ENGINE

FIGURE 3-21. FORD ENGINE AND PUMPS SUB-ASSEMBLY - WITHOUT ARCTIC PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215610	Ref	FORD ENGINE AND PUMPS SUB-ASSEMBLY	
1	0100011	AR	Compound, Locking	
2	0641814	2	Bolt 1/2 x 1-3/4	
3	0760612	1	Bolt M6 x 25	
4	1001221397	1	Clamp	
5	2131616	2	Fitting, 90 ORFS/ORB	
6	2220408	1	Fitting, Straight JIC/ORB	
7	2220451	1	Fitting, Straight ORB/JIC	
8	2220479	1	Fitting, Straight JIC/ORB	
9	2220940	1	Fitting, 90 JIC/ORB	
10	2220946	1	Fitting, Straight JIC/ORB	
11	2220947	2	Fitting, Straight JIC/ORB	
12	3290605	1	Nut M6	
13	3422532	1	Pin	
14	3790152	1	O-Ring	
15	3931620	2	Capscrew 3/8 x 1-1/4	
15	3931618	2	Capscrew 3/8 x 1-1/8	
16	3960469	2	Seal	
17	4811700	1	Washer M6	
18	4811702	1	Washer M6	
19	5241000	2	Washer M10	
20	5241200	2	Washer M12	
21	1001100825	9	Strap	
22	1001221464	3	Strap	
23	1001184930	1	Piston Pump Assembly (See Separate Breakdown in this Section)	
24	1001190143	1	Gear Pump Assembly	
24	70006356	1	Seal Kit - 1001190143 Pump	
25	1001215612	1	Ford Engine Assembly (See Separate Breakdown in this Section)	
26	1001216532	1	Insulate, Exhaust	
27	1001216533	1	Insulate, Exhaust	
28	1001216534	1	Insulate, Muffler	
29	1001216535	1	Insulate, Muffler	
30	1001216947	1	Pipe, Exhaust	
31	1001217563	1	Insulate, Exhaust	

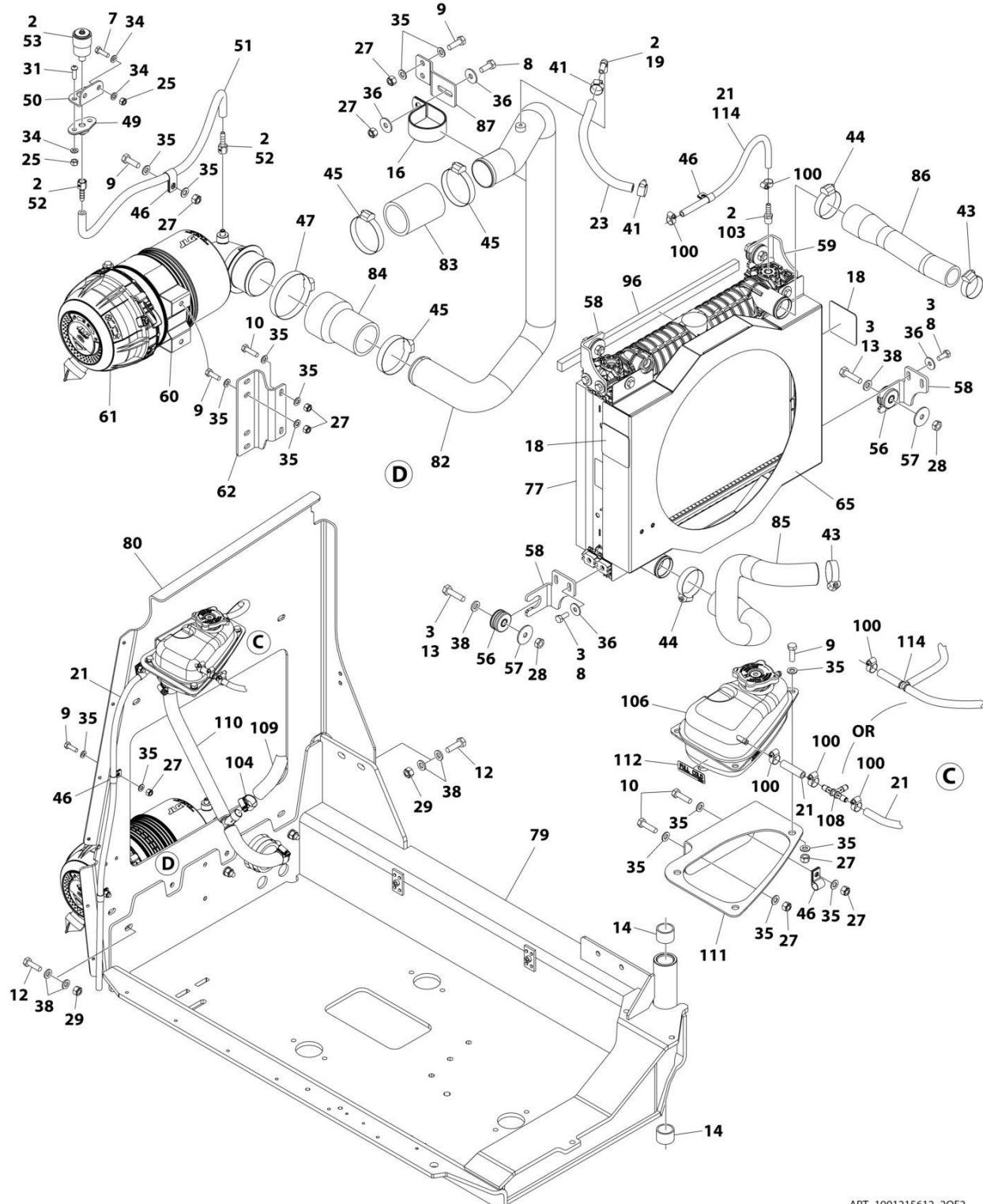
SECTION 3 - ENGINE

FIGURE 3-22. FORD ENGINE ASSEMBLY - WITHOUT ARCTIC PACKAGE



ART_1001215612_1OF2

SECTION 3 - ENGINE



ART_1001215612_20F2

SECTION 3 - ENGINE

FIGURE 3-22. FORD ENGINE ASSEMBLY - WITHOUT ARCTIC PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215612	Ref	FORD ENGINE ASSEMBLY	
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant	
3	1001180620	AR	Adhesive	
4	0711014	10	Bolt M10 x 30	
5	0711020	3	Bolt M10 x 60	
6	0711223	3	Bolt M12 x 75	
7	0760610	4	Bolt M6 x 20	
8	0760810	11	Bolt M8 x 20	
9	0760812	18	Bolt M8 x 25	
10	0760814	11	Bolt M8 x 30	
11	0760815	2	Bolt M8 x 35	
12	0761015	11	Bolt M10 x 35	
13	0761016	4	Bolt M10 x 40	
14	0961951	2	Bushing	
16	1320110	1	Clamp	
18	1703162	2	Decal - Fan Blade	
19	2180467	1	Fitting, Straight NPT/Barb	
21	2720058	AR	Hose, Fuel	
23	2720551	11 in/ 28cm	Hose (SN 0300235168 through 0300243994)	
23	1001165035	11 in/ 28cm	Hose (SN 0300243995 to Present)	
24	3290601	2	Nut M6	
25	3290605	4	Nut M6	
26	3290801	5	Nut M8	
27	3290805	17	Nut M8	
28	3291001	4	Nut M10	
29	3291005	11	Nut M10	
30	3331211	3	Nut M12	
31	3900364	2	Capscrew M6 x 20	
32	3931648	1	Capscrew 3/8 x 3	
33	4031711	1	Capscrew M6 x 35	
34	4811700	14	Washer M6	
35	4811900	54	Washer M8	
36	4811902	10	Washer M8	
37	4812000	14	Washer M10	
38	5241000	29	Washer M10	
39	5241200	3	Washer M12	
40	5272010	1	Capscrew M10 x 30	
41	8405006	2	Clamp	
43	8405102	2	Clamp	
44	8405104	2	Clamp	
45	8405203	3	Clamp	
46	8406109	AR	Clip	
47	8410011	1	Clamp	
48	1001128901	2	Strap	
49	1001138173	1	Support	
50	1001138175	1	Bracket	
51	1001138248	23 in/.6m	Hose	

SECTION 3 - ENGINE

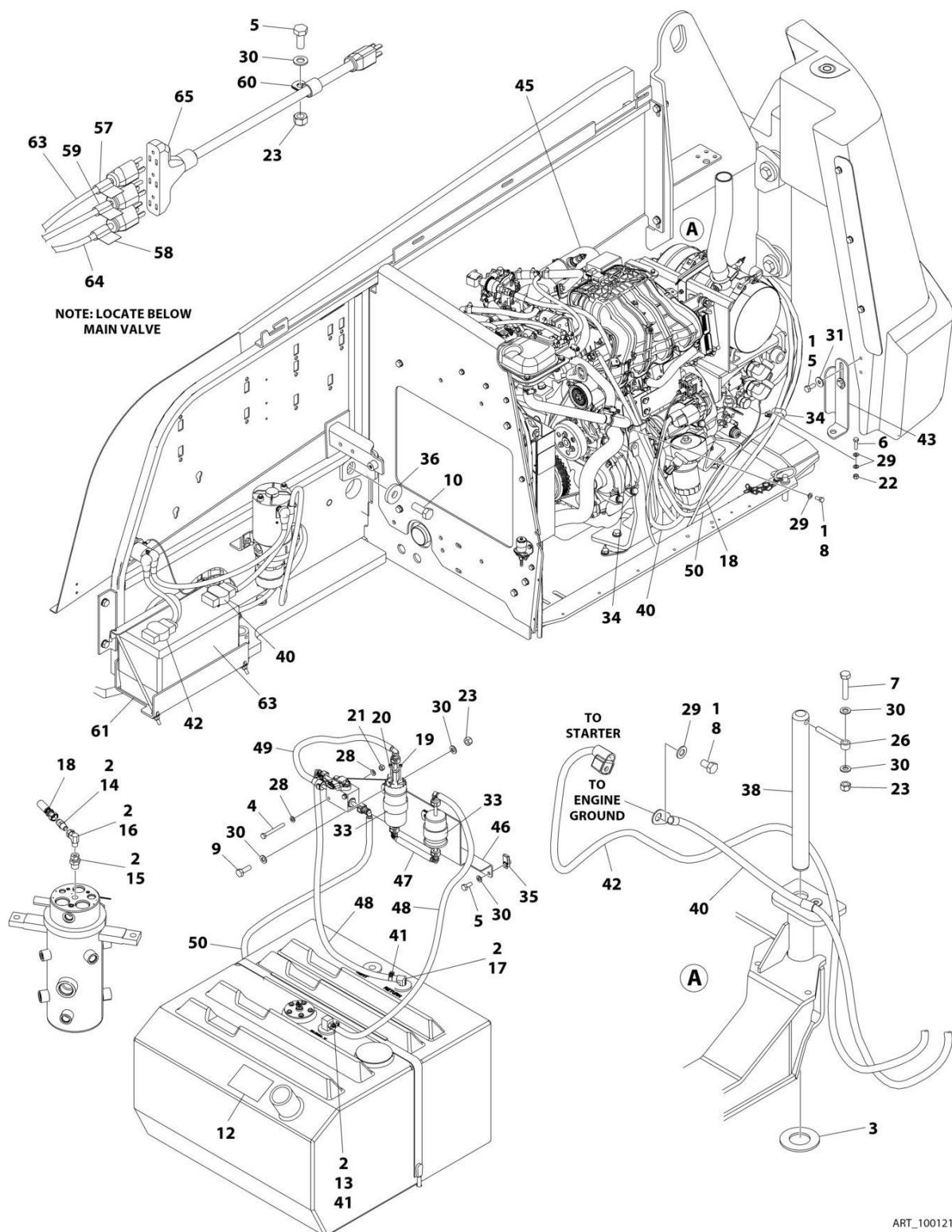
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
52	1001141995	2	Fitting, Straight NPT/Barbed	
53	1001149639	1	Indicator, Restriction	
54	1001191610	3	Mount, Motor	
55	1001168018	3	Washer	
56	1001169054	4	Isolator	
57	1001169138	4	Pad, Snubbing	
58	1001169967	3	Bracket	
59	1001170035	1	Bracket	
60	1001186426	1	Clamp	
61	1001189979	1	Filter, Air	
61	70005008	1	Element, Filter	
62	1001190942	1	Support	
63	1001223042	1	Fan	
64	1001215218	1	Engine Harness - Ford Engines (Not Shown) (See Separate Breakdown in ELECTRICAL SECTION)	
65	1001223923	1	Radiator	
66	1001215681	1	Clamp	
67	1001215899	1	Pipe, Exhaust	
68	1001215974	1	Clamp	
69	1001216075	1	Pipe, Exhaust	
70	1001216086	1	Bracket	
71	1001216092	1	Shield, Heat	
72	1001216201	1	Adapter	
73	1001216910	1	Ford Engine Prep Assembly (See Separate Breakdown in this Section)	
74	1001216919	2	Sleeve	
76	1001222033	1	Plate	
77	1001217185	2	Seal	
78	1001217186	1	Support	
79	1001217450	1	Tray	
80	1001217453	1	Support, Radiator	
81	1001217543	2	Mount	
82	1001217593	1	Pipe, Air Intake	
83	1001217594	1	Pipe, Air Intake	
84	1001217595	1	Pipe, Air Intake	
85	1001217647	1	Hose, Radiator (Lower)	
86	1001217648	1	Hose, Radiator (Upper)	
87	1001218471	1	Bracket	
88	1001218559	1	Mount, Engine (RH Front)	
89	1001218565	1	Mount, Engine (LH Front)	
90	1001218575	1	Mount, Engine (Rear)	
91	0761014	4	Bolt M10 x 30	
92	1001187781	1	Tie-Strap (Not Shown)	
93	2180418	1	Fitting	
94	2220064	1	Fitting	
95	2220261	1	Fitting	
96	1001217183	2	Seal	
97	2300004	AR	Coolant (Not Shown)	
98	1001190775	AR	Oil, Motor 5W-30 Non Synthetic	
99	82033995	14 in/ 34cm	Heater Hose (SN 0300235168 through 0300243994)	
100	8405009	AR	Gear	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	8406201	1	Clip	
102	8410009	AR	Clamp	
103	8420231	1	Fitting, Barb	
104	1001173535	6	Clamp	
105	1001216531	25 in/ 63cm	Hose	
106	1001223584	1	Tank, Surge	
107	1001224431	1	Fitting, Tee (SN 0300235168 through 0300243994)	
108	1001224432	1	Fitting, Tee Barbed (SN 0300235168 through 0300243994)	
109	1001224486	1	Hose	
110	1001224489	1	Hose	
111	1001225442	1	Bracket	
112	1001225510	1	Decal - Full Cold, Surge Tank	
113	1001227666	1	Hose (SN 0300243995 to Present)	
114	1001227667	1	Hose (SN 0300243995 to Present)	

SECTION 3 - ENGINE

FIGURE 3-23. FORD ENGINE INSTALLATION - WITH ARCTIC PACKAGE



SECTION 3 - ENGINE

FIGURE 3-23. FORD ENGINE INSTALLATION - WITH ARCTIC PACKAGE

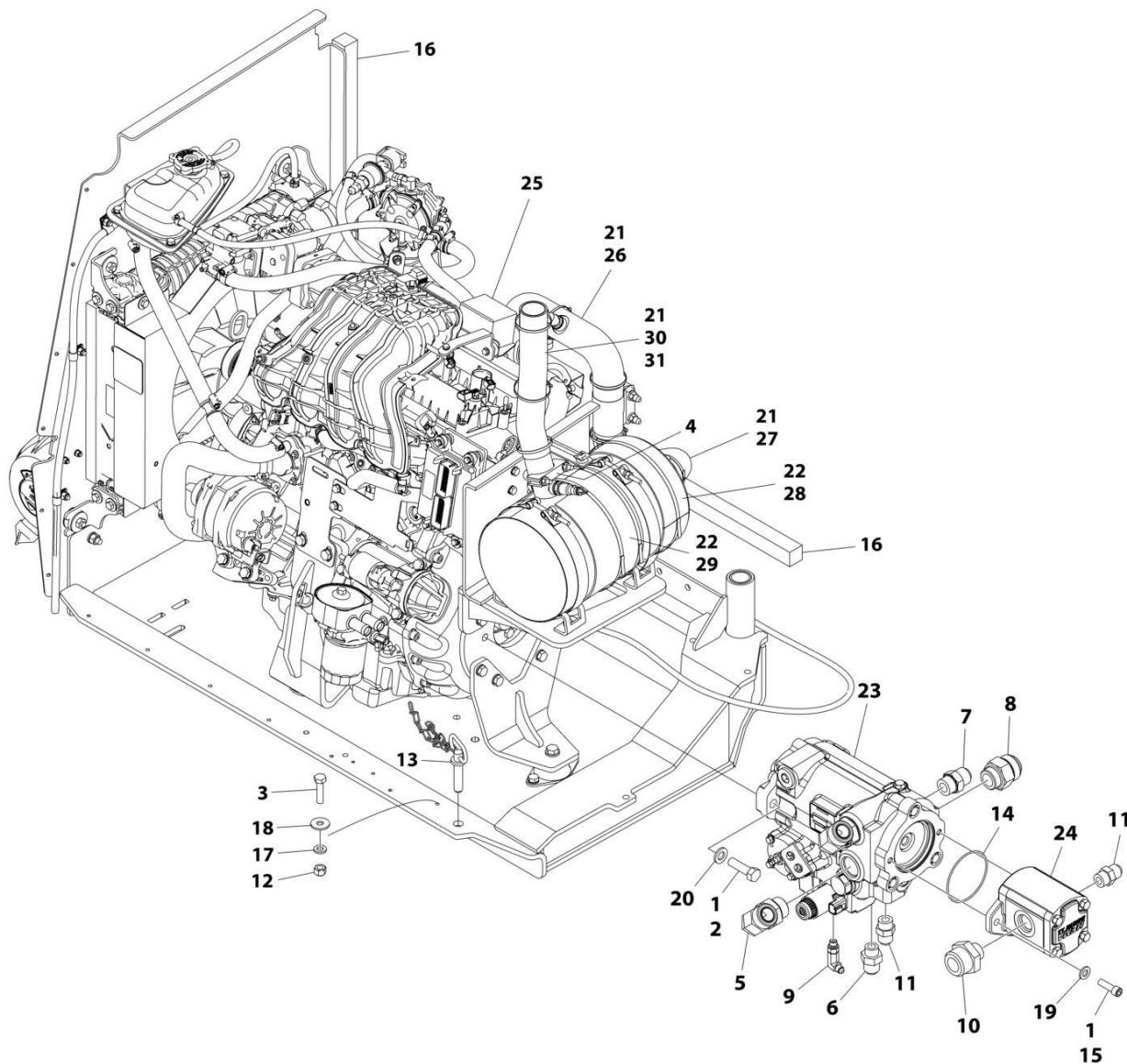
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215609	Ref	FORD ENGINE INSTALLATION	
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant	
3	0440162	1	Bearing	
4	0700619	2	Bolt M6 x 55	
5	0701012	5	Bolt M10 x 25	
6	0760814	1	Bolt M8 x 30	
7	0711018	1	Bolt M10 x 50	
8	0760810	2	Bolt M8 x 20	
9	0761014	2	Bolt M10 x 30	
10	0772018	1	Bolt M20 x 50	
12	1701542	1	Decal - Gas	
13	2180348	1	Fitting, Straight NPT/BARB	
14	2180418	1	Fitting, Straight	
15	2220005	1	Fitting, Straight NPTM	
16	2220064	1	Fitting, Straight	
17	2221176	1	Fitting, 90	
18	1001222133	1	Hose	
19	3290405	1	Nut M4	
20	3290505	1	Nut M5	
21	3290605	2	Nut M6	
22	3290805	1	Nut M8	
23	3291005	4	Nut M10	
25	3790012	1	O-Ring (Not Shown - Located on Platform Console)	
26	3841143	1	Keeper, Pin	
27	4740397	1	Spacer (Not Shown - Located on Platform Console)	
28	4811700	4	Washer M6	
29	4811900	4	Washer M8	
30	4812000	9	Washer M10	
31	4812002	2	Washer M10	
33	85941018	2	Clamp	
34	1321283	2	Clamp	
35	1001118972	2	Nut, Tinnerman	
36	1001119051	1	Washer	
37	1001115044	1	Nut 15/32 (Not Shown - Located on Platform Console)	
38	1001155094	1	Pin	
39	1001161710	1	Switch, Toggle (Not Shown - Located on Platform Console)	
40	1001215220	1	Cable, Battery (-) to Aux Pump to Ground	
41	1001174486	2	Clamp	
42	1001215219	1	Cable, Battery (+) to Aux Ready to Starter	
43	1001196398	1	Bracket	
45	1001215611	1	Ford Engine and Pumps Sub-Assembly (See Separate Breakdown in this Section)	
46	1001219005	1	Bracket	
47	1001219015	1	Hose	
48	1001219021	2	Hose	
49	1001219022	1	Hose	
50	1001219024	1	Hose	
52	1001203432	1	Hose (Drive Suction) (Not Shown)	
53	1001221942	1	Hose (Function Suction) (Not Shown)	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
54	1001221943	1	Hose (Case Drain) (Drive Pump Case Outlet Port to Tank) (Not Shown)	
55	1001221944	1	Hose (Case Drain) (Drive Pump Case Gauge Port to Tank) (Not Shown)	
56	1701543	2	Decal - LPG (Not Shown - See DECALS INSTALLATION - OPTIONS for Locations)	
57	1702941	1	Decal - Battery Heater	
58	1702942	1	Decal - Engine Block Heater	
59	1702943	1	Decal - Hydraulic Tank Heater	
60	1320061	1	Clamp	
61	3980007	1	Seat, Battery	
62	1001188972	1	Heater, Immersion (Not Shown - Located on Hydraulic Tank)	
63	2580024	1	Heater, Battery	
64	4923174	1	Cable, Extension Cord (SN 0300235168 through 0300237156)	
64	1001150918	1	Cable, Extension Cord (SN 0300237157 to Present)	
65	1060626	1	Plug, 3 Way	
66	4240099	AR	Tie-Strap (Not Shown)	
100	1001236136	1	Battery Cable Kit (Includes Items 40 & 42) (Not Shown) (SN 0300237157 to Present)	

SECTION 3 - ENGINE

FIGURE 3-24. FORD ENGINE AND PUMPS SUB-ASSEMBLY - WITH ARCTIC PACKAGE



ART_1001215611

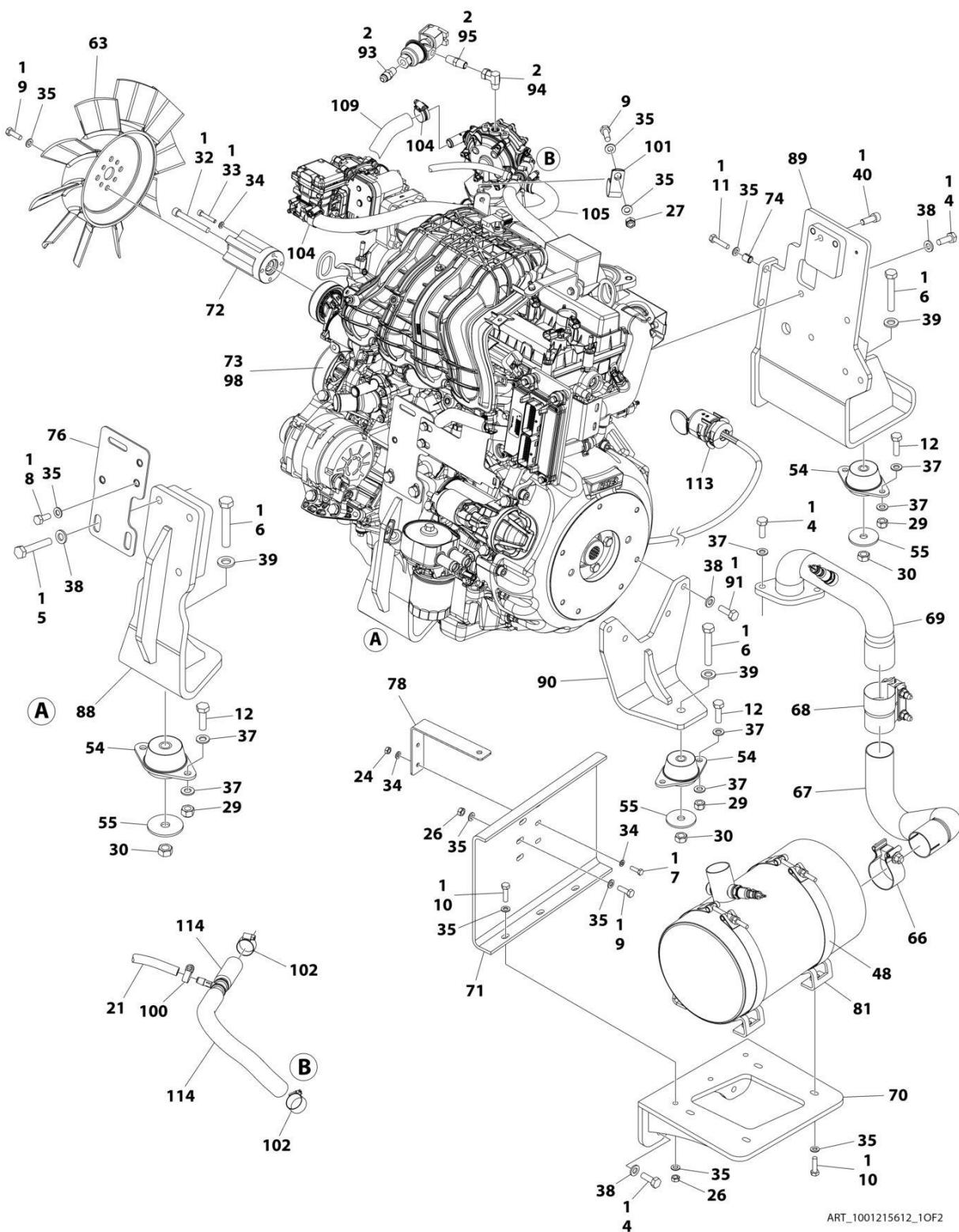
SECTION 3 - ENGINE

FIGURE 3-24. FORD ENGINE AND PUMPS SUB-ASSEMBLY - WITH ARCTIC PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215611	Ref	FORD ENGINE AND PUMPS SUB-ASSEMBLY	
1	0100011	AR	Compound, Locking	C
2	0641814	2	Bolt 1/2 x 1-3/4	
3	0760612	1	Bolt M6 x 25	
4	1001221397	1	Clamp	
5	2131616	2	Fitting, 90 ORFS/ORB	
6	2220408	1	Fitting, Straight JIC/ORB	
7	2220451	1	Fitting, Straight ORB/JIC	
8	2220479	1	Fitting, Straight JIC/ORB	
9	2220940	1	Fitting, 90 JIC/ORB	
10	2220946	1	Fitting, Straight JIC/ORB	
11	2220947	2	Fitting, Straight JIC/ORB	
12	3290605	1	Nut M6	
13	3422532	1	Pin	
14	3790152	1	O-Ring	
15	3931620	2	Capscrew 3/8 x 1-1/4	
15	3931618	2	Capscrew 3/8 x 1-1/8	
16	3960469	2	Seal	
17	4811700	1	Washer M6	
18	4811702	1	Washer M6	
19	5241000	2	Washer M10	
20	5241200	2	Washer M12	
21	1001100825	9	Strap	
22	1001221464	3	Strap	
23	1001184930	1	Piston Pump Assembly (See Separate Breakdown in this Section)	
24	1001190143	1	Gear Pump Assembly	
24	70006356	1	Seal Kit - 1001190143 Pump	
25	1001215613	1	Ford Engine Assembly (See Separate Breakdown in this Section)	
26	1001216532	1	Insulate, Exhaust	
27	1001216533	1	Insulate, Exhaust	
28	1001216534	1	Insulate, Muffler	
29	1001216535	1	Insulate, Muffler	
30	1001216947	1	Pipe, Exhaust	
31	1001217563	1	Insulate, Exhaust	

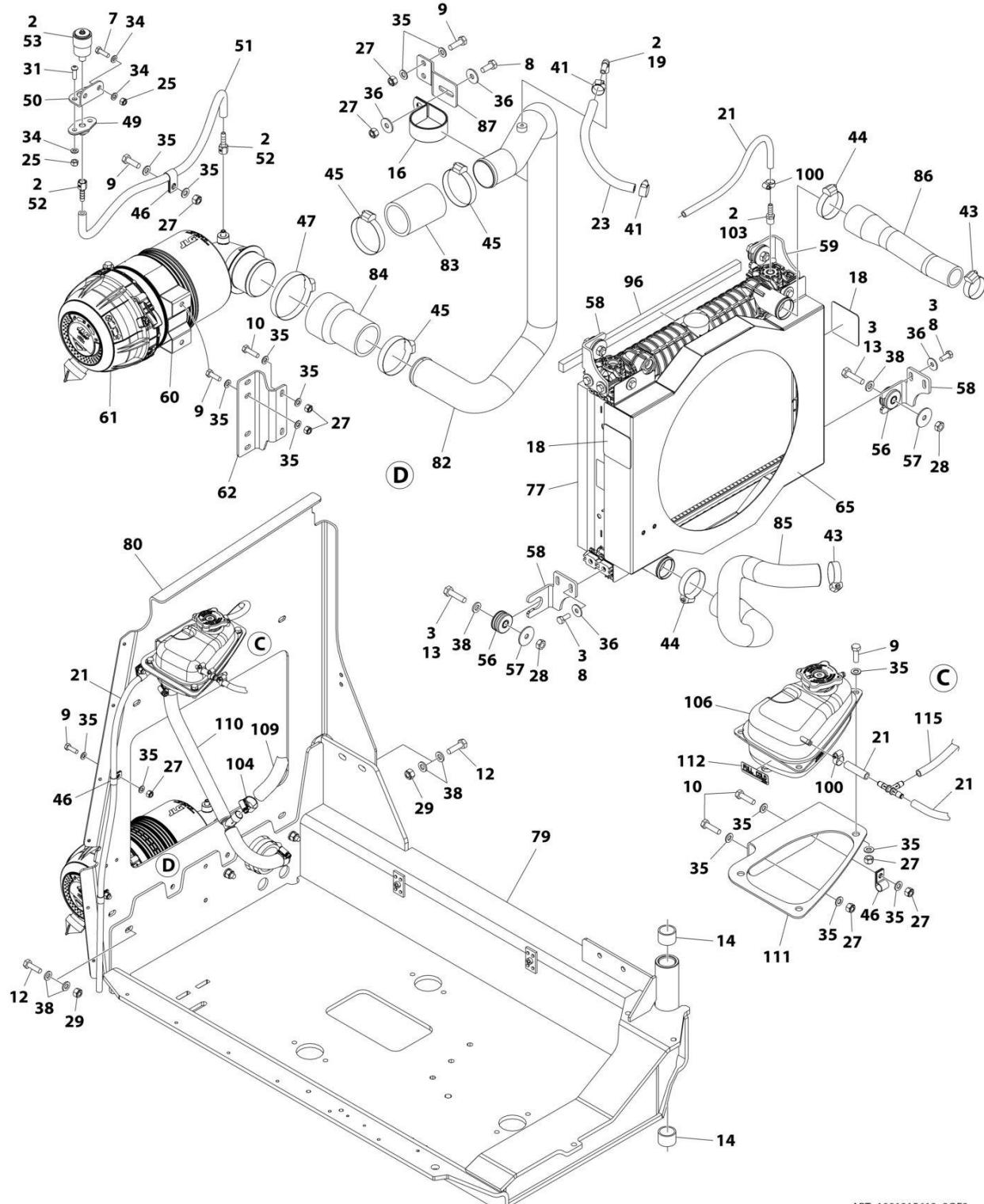
SECTION 3 - ENGINE

FIGURE 3-25. FORD ENGINE ASSEMBLY - WITH ARCTIC PACKAGE



ART_1001215612_1OF2

SECTION 3 - ENGINE



ART_1001215612_20F2

SECTION 3 - ENGINE

FIGURE 3-25. FORD ENGINE ASSEMBLY - WITH ARCTIC PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215613	Ref	FORD ENGINE ASSEMBLY	
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant	
3	1001180620	AR	Adhesive	
4	0711014	10	Bolt M10 x 30	
5	0711020	3	Bolt M10 x 60	
6	0711223	3	Bolt M12 x 75	
7	0760610	4	Bolt M6 x 20	
8	0760810	11	Bolt M8 x 20	
9	0760812	18	Bolt M8 x 25	
10	0760814	11	Bolt M8 x 30	
11	0760815	2	Bolt M8 x 35	
12	0761015	11	Bolt M10 x 35	
13	0761016	4	Bolt M10 x 40	
14	0961951	2	Bushing	
16	1320110	1	Clamp	
18	1703162	2	Decal - Fan Blade	
19	2180467	1	Fitting, Straight NPT/Barb	
21	2720058	95 in/.25m	Hose, Fuel	
23	1001165035	1	Hose	
24	3290601	2	Nut M6	
25	3290605	4	Nut M6	
26	3290801	5	Nut M8	
27	3290805	17	Nut M8	
28	3291001	4	Nut M10	
29	3291005	11	Nut M10	
30	3331211	3	Nut M12	
31	3900364	2	Capscrew M6 x 20	
32	3931648	1	Capscrew 3/8 x 3	
33	4031711	4	Capscrew M6 x 35	
34	4811700	14	Washer M6	
35	4811900	54	Washer M8	
36	4811902	10	Washer M8	
37	4812000	14	Washer M10	
38	5241000	29	Washer M10	
39	5241200	3	Washer M12	
40	5272010	1	Capscrew M10 x 30	
41	8405006	2	Clamp	
43	8405102	2	Clamp	
44	8405104	2	Clamp	
45	8405203	3	8405203	
46	8406109	6	Clip	
47	8410011	1	Clamp	
48	1001128901	2	Strap	
49	1001138173	1	Support	
50	1001138175	1	Bracket	
51	1001138248	23 in/.6m	Hose	
52	1001141995	2	Fitting, Straight NPT/Barbed	
53	1001149639	1	Indicator, Restriction	
54	1001191610	3	Mount, Motor	

SECTION 3 - ENGINE

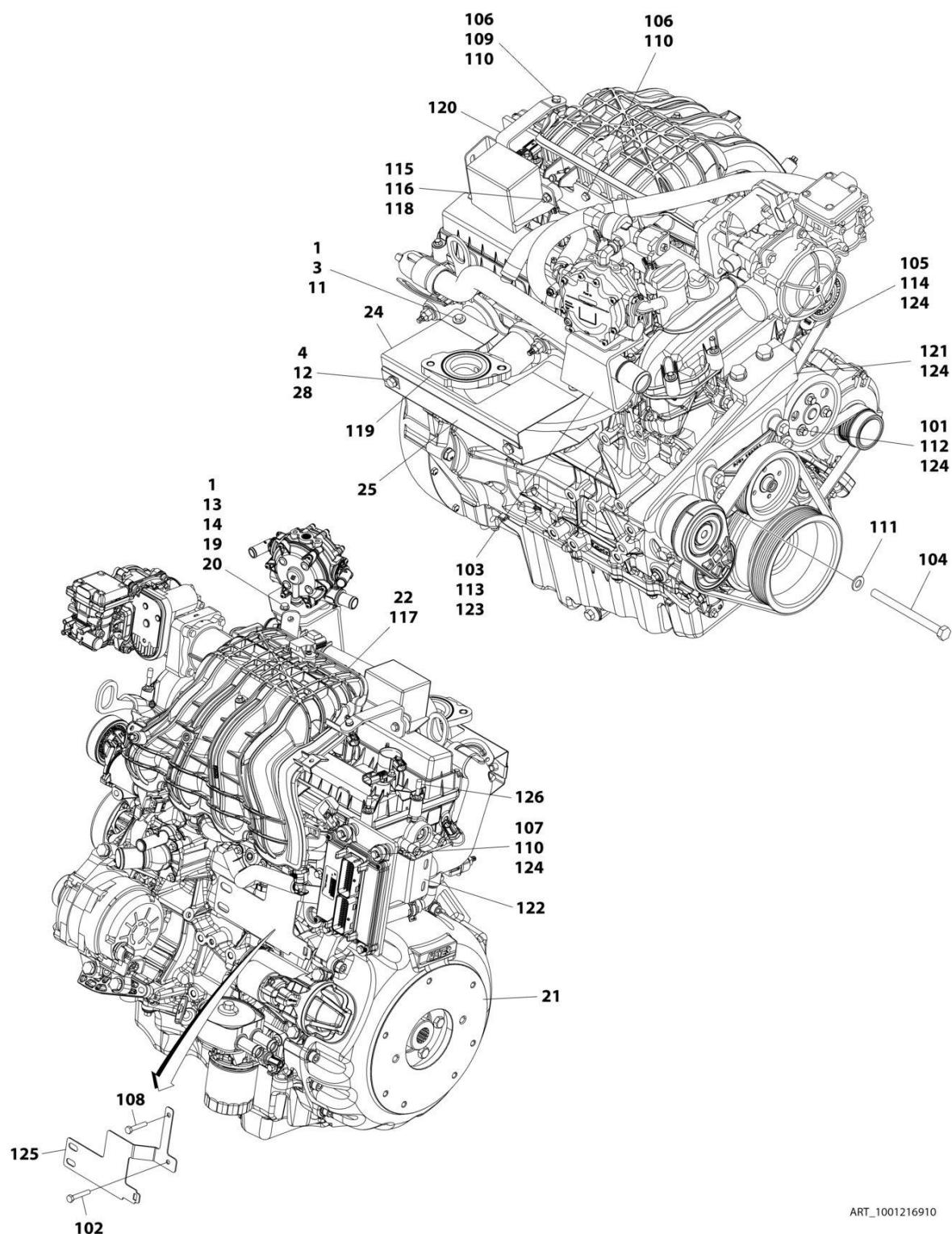
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
55	1001168018	3	Washer	
56	1001169054	4	Isolator	
57	1001169138	4	Pad, Snubbing	
58	1001169967	3	Bracket	
59	1001170035	1	Bracket	
60	1001186426	1	Clamp	
61	1001189979	1	Filter, Air	
61	70005008	1	Element, Filter	
62	1001190942	1	Support	
63	1001223042	1	Fan	
64	1001215218	1	Engine Harness - Ford Engines (Not Shown) (See Separate Breakdown in ELECTRICAL SECTION)	
65	1001223923	1	Radiator	
66	1001215681	1	Clamp	
67	1001215899	1	Pipe, Exhaust	
68	1001215974	1	Clamp	
69	1001216075	1	Pipe, Exhaust	
70	1001216086	1	Bracket	
71	1001216092	1	Shield, Heat	
72	1001216201	1	Adapter	
73	1001216910	1	Ford Engine Prep Assembly (See Separate Breakdown in this Section)	
74	1001216919	2	Sleeve	
76	1001222033	1	Plate	
77	1001217185	2	Seal	
78	1001217186	1	Support	
79	1001217450	1	Tray	
80	1001217453	1	Support, Radiator	
81	1001217543	2	Mount	
82	1001217593	1	Pipe, Air Intake	
83	1001217594	1	Pipe, Air Intake	
84	1001217595	1	Pipe, Air Intake	
85	1001217647	1	Hose, Radiator (Lower)	
86	1001217648	1	Hose, Radiator (Upper)	
87	1001218471	1	Bracket	
88	1001218559	1	Mount, Engine (RH Front)	
89	1001218565	1	Mount, Engine (LH Front)	
90	1001218575	1	Mount, Engine (Rear)	
91	0761014	4	Bolt M10 x 30	
92	1001187781	1	Tie-Strap (Not Shown)	
93	2180418	1	Fitting	
94	2220064	1	Fitting	
95	2220261	1	Fitting	
96	1001217183	2	Seal	
97	2300041	AR	Coolant (Not Shown)	
98	1001190775	AR	Oil, Motor 5W-30 Non Synthetic	
100	8405009	3	Gear	
101	8406201	1	Clip	
102	8410009	2	Clamp	
103	8420231	1	Fitting, Barb	
104	1001173535	6	Clamp	
105	1001216531	25 in/	Hose	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
106	1001223584	1	Tank, Surge	
109	1001224486	1	Hose	
110	1001224489	1	Hose	
111	1001225442	1	Bracket	
112	1001225510	1	Decal - Full Cold, Surge Tank	
113	1001216393	1	Heater, Block	
114	1001227666	1	Hose	
115	1001227667	1	Hose	

SECTION 3 - ENGINE

FIGURE 3-26. FORD ENGINE PREP ASSEMBLY - PUMP COUPLING



ART_1001216910

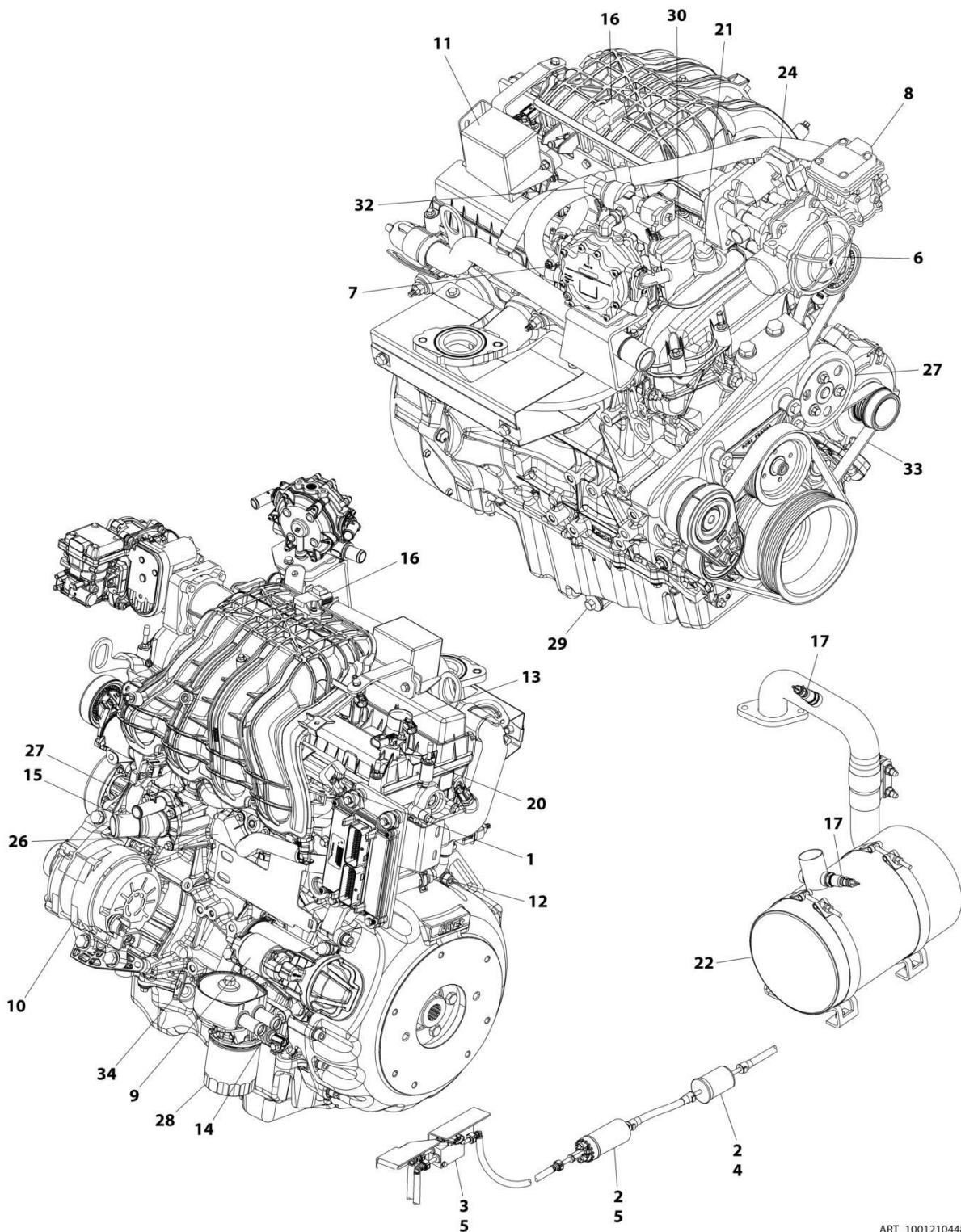
SECTION 3 - ENGINE

FIGURE 3-26. FORD ENGINE PREP ASSEMBLY - PUMP COUPLING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216910	Ref	FORD ENGINE PREP ASSEMBLY	
1	0100011	AR	Compound, Locking	F
3	0760605	4	Bolt M6 x 10	
4	0760807	2	Bolt M8 x 14	
11	4811702	4	Washer M6	
12	4811900	2	Washer M8	
13	5250605	3	Bolt M6 x 10	
14	5260600	1	Nut M6 Class 10	
19	1001211794	3	Mount, Isolator	
20	1001227769	1	Plate	
21	1001213810	1	Pump Coupling Kit	
21	70006134	1	Coupling	
21	70006135	1	Housing	
21	70006136	1	Hardware Kit	
22	1001216065	1	Ford Engine Assembly	
24	1001216768	1	Bracket	
25	1001216769	1	Bracket	
28	1001149160	2	Nut, Tinnerman M8	
	1001216065	Ref	FORD ENGINE PREP ASSEMBLY - BRACKETS/EXHAUST MANIFOLD	I
101	0700816	4	Bolt M8 x 40	
102	0700818	1	Bolt M8 x 50	
103	0701014	2	Bolt M10 x 30	
104	0710827	1	Bolt M8 x 100 Grade 10.9	
105	0711216	2	Bolt M12 x 40	
106	0760610	3	Bolt M6 x 20	
107	0760615	4	Bolt M6 x 35	
108	0760817	1	Bolt M8 x 45	
109	3290601	1	Nut M6	
110	4811700	8	Washer M6	
111	4811900	1	Washer M8	
112	4811902	4	Washer M8	
113	4812000	1	Washer M10	
114	4812100	2	Washer M12	
115	5250605	2	Bolt M6 x 10	
116	5260600	2	Nut M6 Class 10	
117	1001210448	1	Engine, Ford 2.5L (See Separate Breakdown in this Section)	
118	1001211794	2	Mount	
119	1001214827	1	Manifold, Exhaust	
120	1001215384	1	Bracket	
121	1001216071	1	Bracket	
122	1001216144	1	Support, Muffler	
123	1001227772	1	Mount, Vaporizer	
124	0100011	AR	Compound, Locking	
125	1001221545	1	Plate	
126	1001222641	6	Cap	

SECTION 3 - ENGINE

FIGURE 3-27. FORD ENGINE COMPONENTS



ART_1001210448

SECTION 3 - ENGINE

FIGURE 3-27. FORD ENGINE COMPONENTS

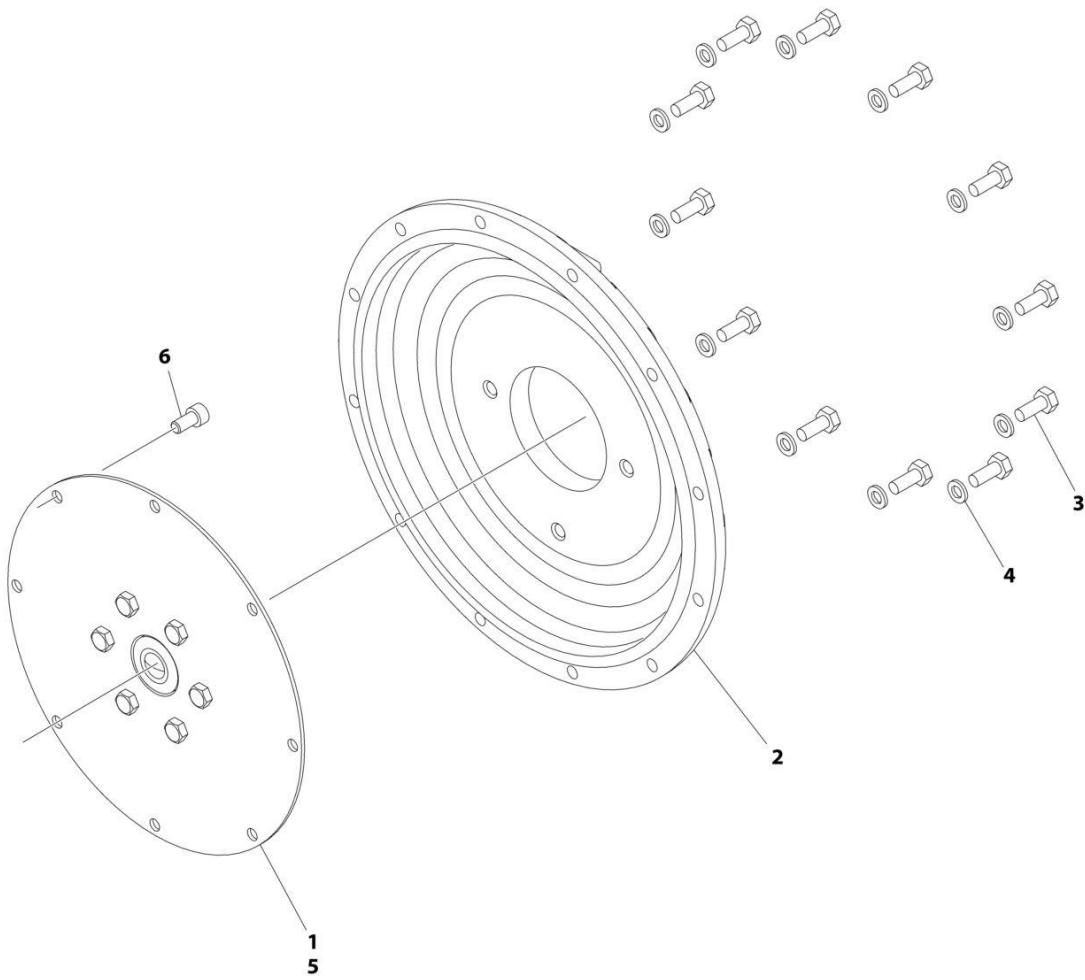
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210448	Ref	FORD ENGINE COMPONENTS	
1	70006145	4	Injector, Fuel	
1	70006147	1	Rail, Fuel	
2	70006150	1	Pump, Fuel	
2	70006154	1	Fitting M10	
3	70006151	1	Block, Fuel	
3	70006152	2	Fitting SAE6	
3	70006153	1	Fitting SAE3	
3	70006189	1	Harness, Fuel Block	
4	70006155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

SECTION 3 - ENGINE

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

SECTION 3 - ENGINE

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



ART_2902065

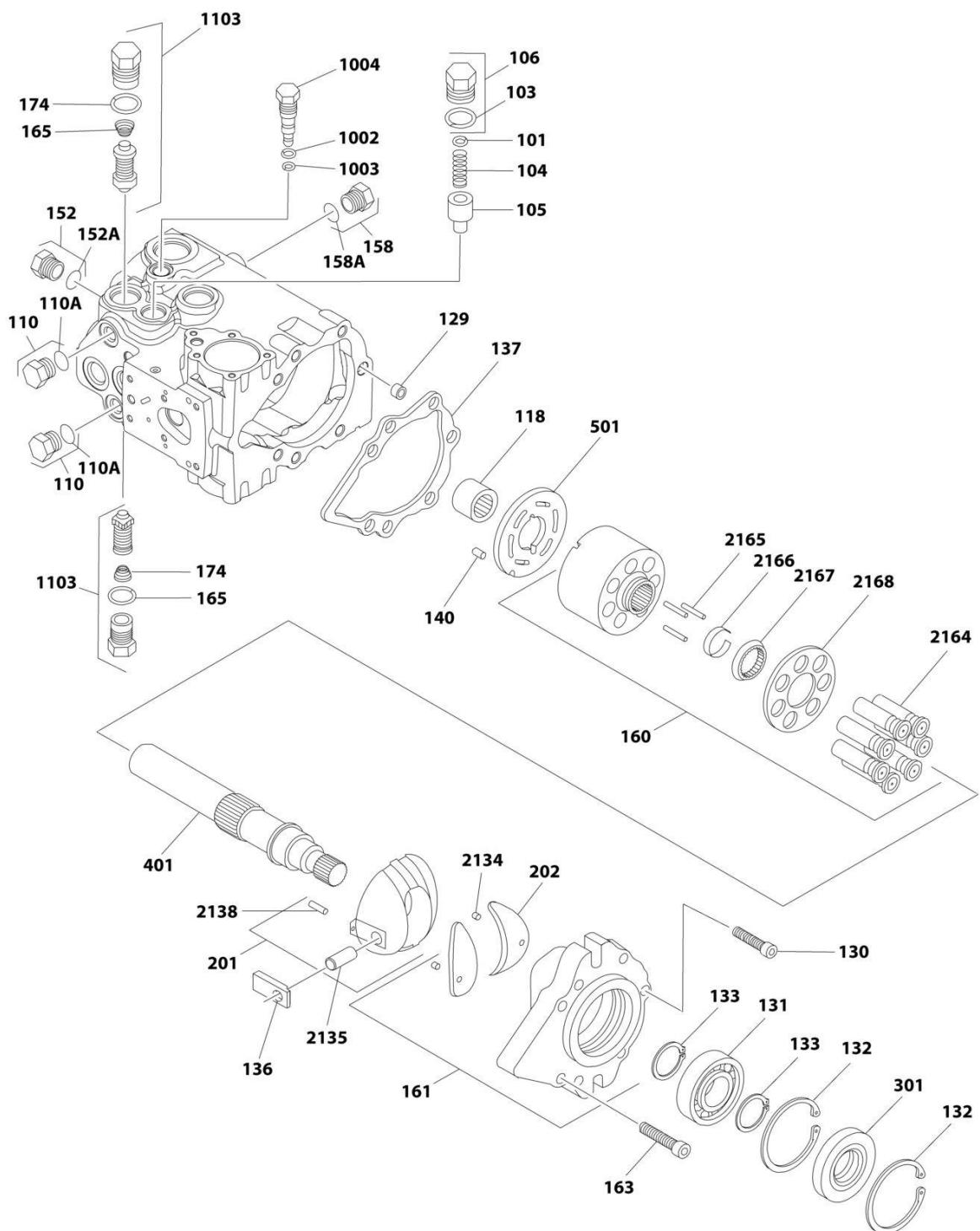
SECTION 3 - ENGINE

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	2902065	Ref	PUMP COUPLING KIT	
1	70000793	1	Coupling, Hayes	K
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)	
5	3020021	AR	Grease, Coupling	
6	See Note	NSS	Capscrew M10 x 20 Grade 10.9 (Note: Use p/n 2902065)	

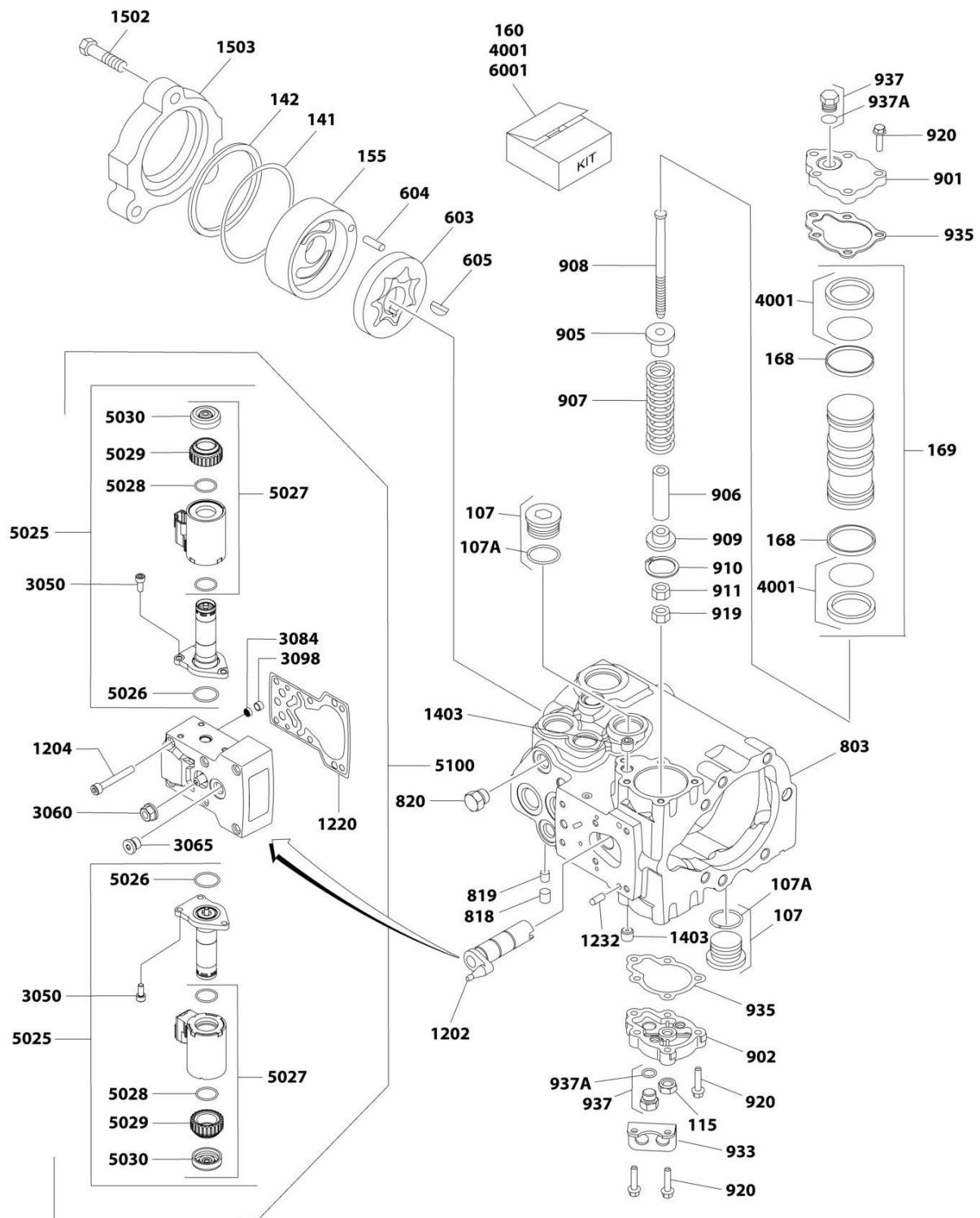
SECTION 3 - ENGINE

FIGURE 3-29. PISTON PUMP ASSEMBLY



ART_1001184930_1OF2

SECTION 3 - ENGINE



ART_1001184930_2OF2

SECTION 3 - ENGINE

FIGURE 3-29. PISTON PUMP ASSEMBLY

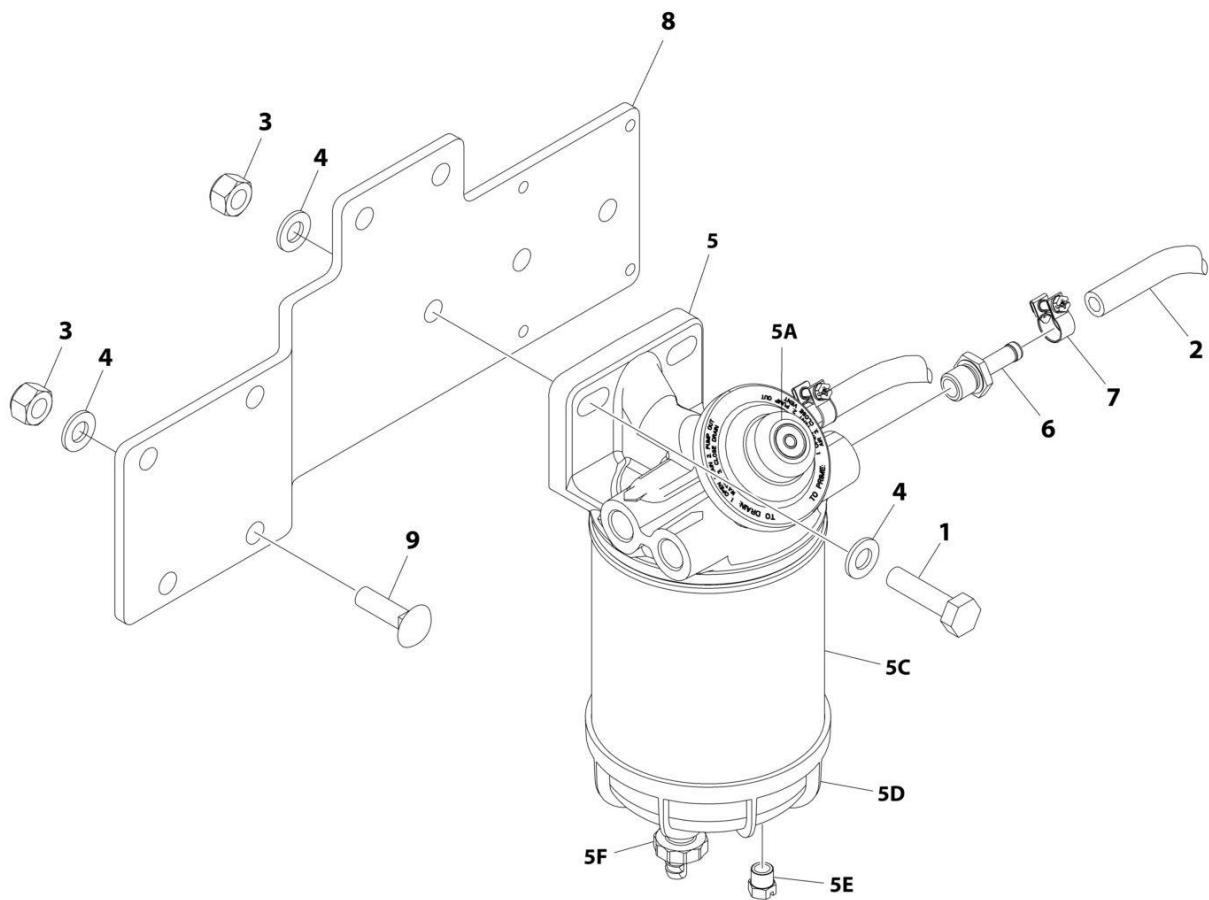
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184930	Ref	PISTON PUMP ASSEMBLY	
101	7007413	1	Shim Kit	
103	7007415	1	O-Ring (Part of Item 106)	
104	7021200	1	Spring, Relief Valve	
105	7007417	1	Valve, Relief	
106	7024874	2	Plug (Includes Item 103)	
107	7007419	2	Plug	
107A	7007418	2	O-Ring	
110	7007420	2	Plug	
110A	7021256	2	O-Ring	
115	7007423	1	Nut, Special	
118	7007425	1	Bearing, Needle	
129	7007435	1	Pin, Spring	
130	7021202	1	Screw	
131	70002176	1	Bearing, Ball	
132	7007438	2	Ring, Retainer	
133	7007439	2	Ring	
136	7007442	1	Sleeve, Bearing	
137	7007443	1	Gasket, Front Cover	
140	7007446	1	Pin	
141	7021233	1	O-Ring	
142	7007448	1	Ring, Load Temper	
152	7007420	1	Plug, Assembly	
152A	7021256	1	O-Ring	
155	70005466	1	Cover, Gerotor	
158	7007208	1	Plug	
158A	7007207	1	O-Ring	
160	7010116	1	Cylinder Block Kit (Includes Items 2164-2168)	
161	7024875	1	Cover Assembly - Front (Includes Items 202 & 2134)	
163	7021207	6	Screw	
165	70005467	2	Spring	
168	7021210	2	Bearing	
169	70005468	1	Servo Piston Assembly (Includes Items 168 & QB)	
174	7007418	2	O-Ring	
201	7007457	1	Swash Plate Assembly (Includes Items 2135 & 2138)	
202	7021212	1	Journal, Bearing	
301	7007459	1	Seal, Lip	
401	7010121	1	Shaft, Main Pump	
501	7021214	1	Plate, Valve	
603	7007463	1	Gerotor Assembly	
604	7007464	1	Pin	
605	7007465	1	Key, Woodruff	
803	See Note	NSS	Housing, Pump (Note: Use p/n 1001184930)	
818	70005469	1	Plug	
819	70005470	1	Plug	
820	70005469	1	Plug	
901	7021219	1	Cover, Servo (With Adjuster)	
902	7021220	1	Cover, Servo (Without Adjuster)	
905	7023979	1	Guide, Spring	
906	7007484	1	Stop, Servo	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
907	7007485	1	Spring	
908	7021221	1	Screw	
909	7007487	1	Guide, Spring	
910	7007488	1	Ring, Retaining	
911	7021222	1	Locknut	
919	7021206	1	Nut	
920	7021223	10	Screw	
933	7021201	1	Bracket, Lifting	
935	7007422	2	Gasket, Servo Cover	
937	7007420	2	Plug	
937A	7021256	2	O-Ring	
1002	7007450	1	Ring, Back-up	
1003	70005471	1	O-Ring	
1004	7024877	1	Valve, Bypass	
1103	7024851	2	Valve, Pressure Relief (Includes Items 165 & 174)	
1202	70005472	1	Sleeve	
1204	70002156	6	Screw	
1220	70002154	1	Gasket	
1232	70002157	2	Pin	
1403	7007477	2	Plug, Orifice	
1502	7007453	3	Bolt, Hex	
1503	7007476	1	Adapter, Auxiliary Pump	
2134	7021203	2	Pin, Spring	
2135	7007441	1	Handle, Pin	
2138	7007444	1	Pin	
2164	7010117	7	Piston Assembly	
2165	7007431	3	Pin, Slipper Holddown	
2166	7007430	1	Retainer	
2167	7007434	1	Guide, Retainer	
2168	7010119	1	Retainer, Slipper	
3050	70002150	6	Screw	
3060	7022301	1	Nut, Seal	
3065	70002151	1	Plug	
3084	70002134	1	Screen	
3098	70002153	1	Ring	
4001	7007412	1	Seal Kit - Servo Piston	
5025	70002147	2	Solenoid Assembly (Includes Items 5026-5030)	
5026	70002148	2	O-Ring	
5027	70002149	2	Coil Assembly (Includes Items 5028-5030)	
5028	70005474	2	O-Ring	
5029	70005475	2	Screw	
5030	70005476	2	Cap	
5100	70002146	1	EDC Assembly (Includes Items 1204, 1220, 3050-3098 & 5025-5030)	
6001	7021232	1	Seal Kit - Complete (Includes Items 103, 137, 141, 142, 168, 174, 301, 935, 1002, 1003, 4001 and Plug O-Ring)	

SECTION 3 - ENGINE

FIGURE 3-30. FUEL FILTER INSTALLATION (POLY FUEL TANK)



ART_1001224200

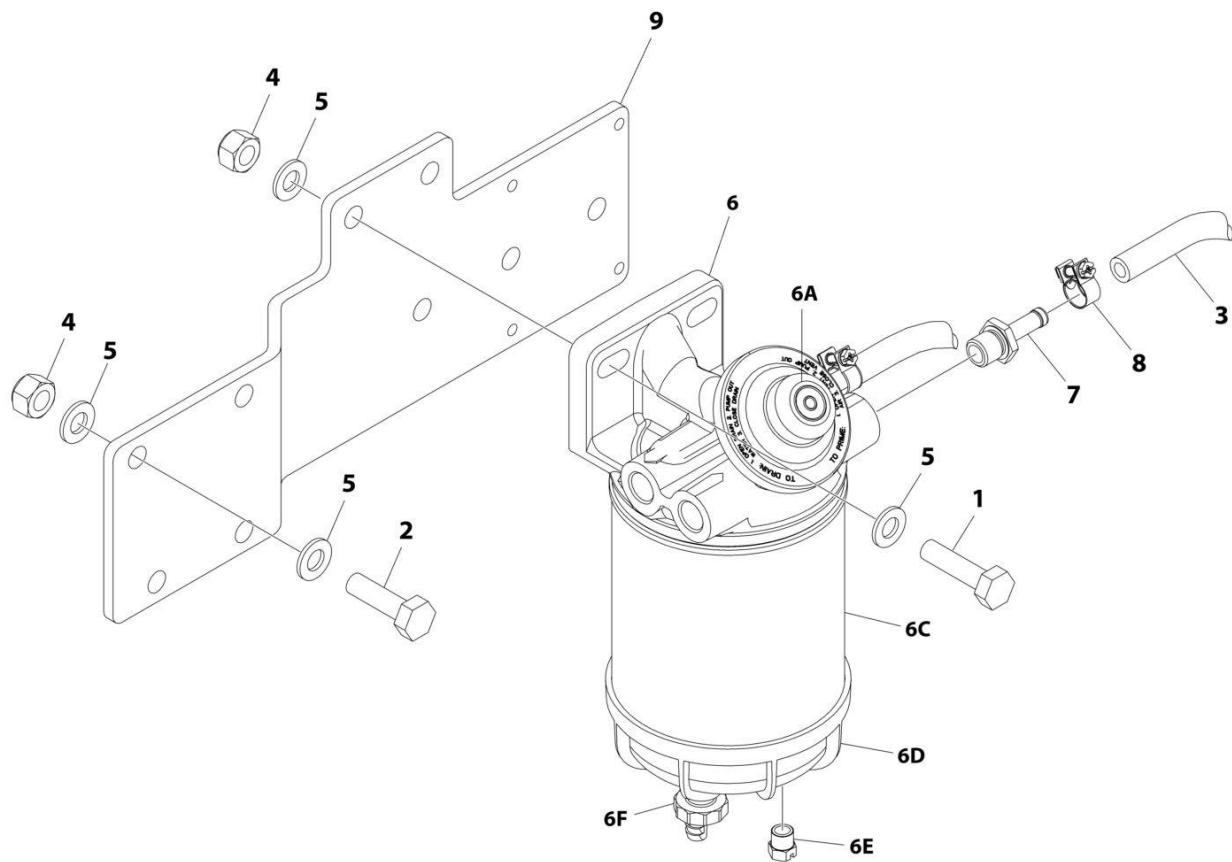
SECTION 3 - ENGINE

FIGURE 3-30. FUEL FILTER INSTALLATION (POLY FUEL TANK)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001224200	Ref	FUEL FILTER INSTALLATION	
1	0761016	2	Bolt M10 x 40	
2	2720058	46 in/1.2m	Hose, Fuel Line	
3	3291005	4	Nut M10	
4	4812000	6	Washer M10	
5	1001149452	1	Fuel Filter/Water Separator Assembly	
5A	See Note	NSS	Indicator, Restriction (Note: Use p/n 1001149452)	
5B	70004064	1	Bypass Valve Kit (Not Shown)	
5C	70004065	1	Gasket, Head to Element	
5C	70004066	1	Element, Filter	
5D	70004067	1	Gasket Element to Bowl	
5D	70004068	1	Bowl Kit (Includes Bowl, Element and Plug)	
5E	70004069	1	Plug	
5F	70004070	1	Drain	
6	1001149469	2	Fitting, Straight Barbed	
7	1001174486	2	Clamp	
8	1001224967	1	Bracket	
9	1001228406	2	Bolt M10 x 35	

SECTION 3 - ENGINE

FIGURE 3-31. FUEL FILTER INSTALLATION (STEEL FUEL TANK) (DEUTZ D2011 ENGINES)



ART_1001225054

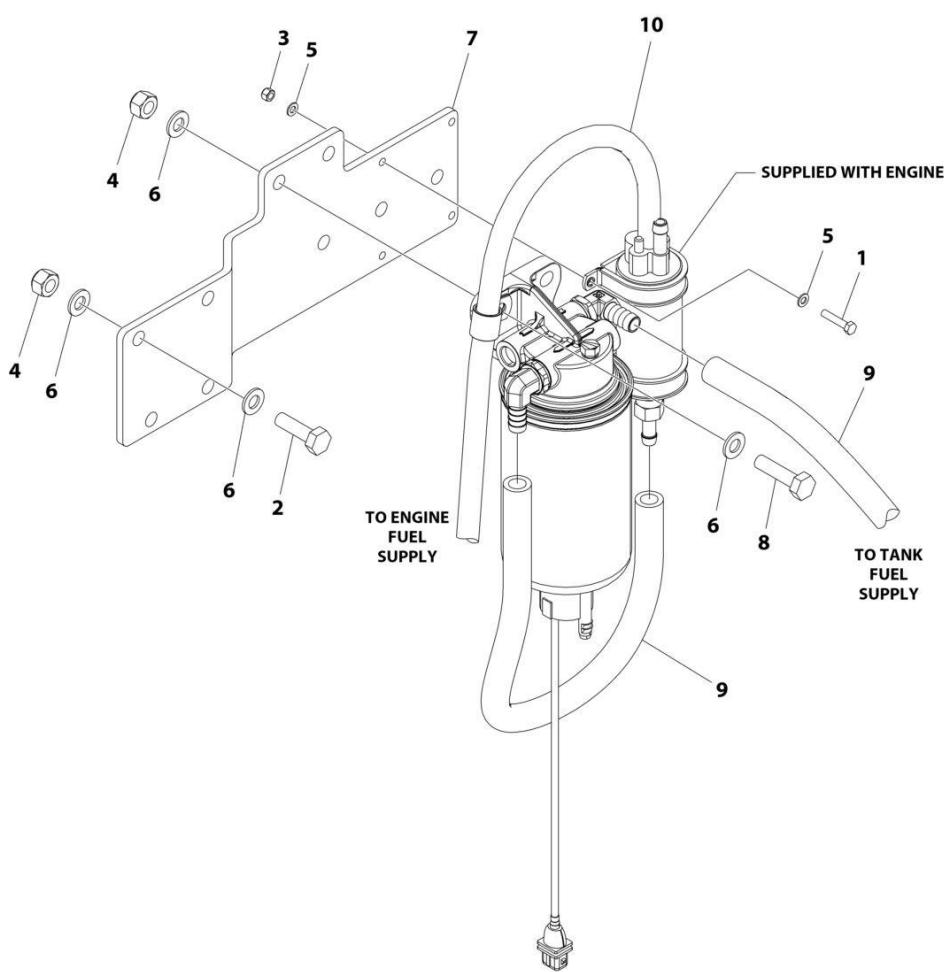
SECTION 3 - ENGINE

FIGURE 3-31. FUEL FILTER INSTALLATION (STEEL FUEL TANK) (DEUTZ D2011 ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225054	Ref	FUEL FILTER INSTALLATION	
1	0761016	2	Bolt M10 x 40	
2	0761015	2	Bolt M10 x 35	
2	1001228406	2	Bolt M10 x 35	
3	2720058	32 in/ 80cm	Hose, Fuel Line	
4	3291005	4	Nut M10	
5	4812000	AR	Washer M10	
6	1001149452	1	Fuel Filter/Water Separator Assembly	
6A	See Note	NSS	Indicator, Restriction (Note: Use p/n 1001149452)	
6B	70004064	1	Bypass Valve Kit (Not Shown)	
6C	70004065	1	Gasket, Head to Element	
6C	70004066	1	Element, Filter	
6D	70004067	1	Gasket, Element to Bowl	
6D	70004068	1	Bowl Kit (Includes Bowl, Element and Plug)	
6E	70004069	1	Plug	
6F	70004070	1	Drain	
7	1001149469	2	Fitting, Straight Barbed	
8	1001174486	2	Clamp	
9	1001224967	1	Bracket	

SECTION 3 - ENGINE

FIGURE 3-32. FUEL PUMP AND FILTER INSTALLATION (STEEL FUEL TANK) (DEUTZ TD2.9L4 ENGINES)



ART_1001204902

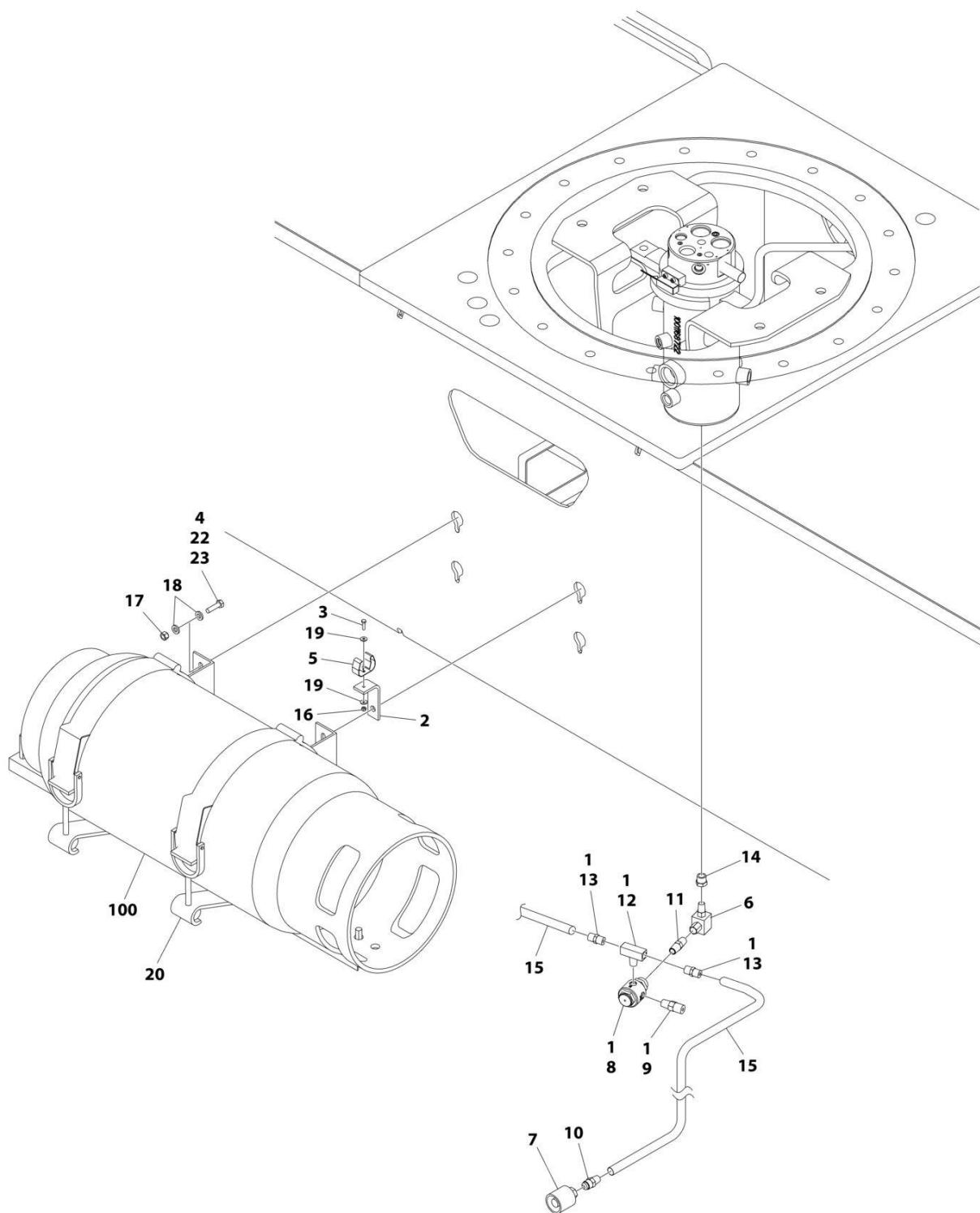
SECTION 3 - ENGINE

FIGURE 3-32. FUEL PUMP AND FILTER INSTALLATION (STEEL FUEL TANK) (DEUTZ TD2.9L4 ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204902	Ref	FUEL PUMP AND FILTER INSTALLATION	
1	0760512	4	Bolt M5 x 25	D
2	0761015	2	Bolt M10 x 35	
2	1001228406	2	Bolt M10 x 35	
3	3290505	4	Nut M5	
4	3291005	4	Nut M10	
5	4811600	8	Washer M5	
6	4812000	AR	Washer M10	
7	1001224967	1	Bracket	
8	0701016	2	Bolt M10 x 40	
9	1001154405	2.3 ft/ 70cm	Hose	
10	1001165035	2.5 ft/ 75cm	Hose	

SECTION 3 - ENGINE

FIGURE 3-33. LP TANK AND BRACKETS INSTALLATION (FORD ENGINE)



ART_1001185598

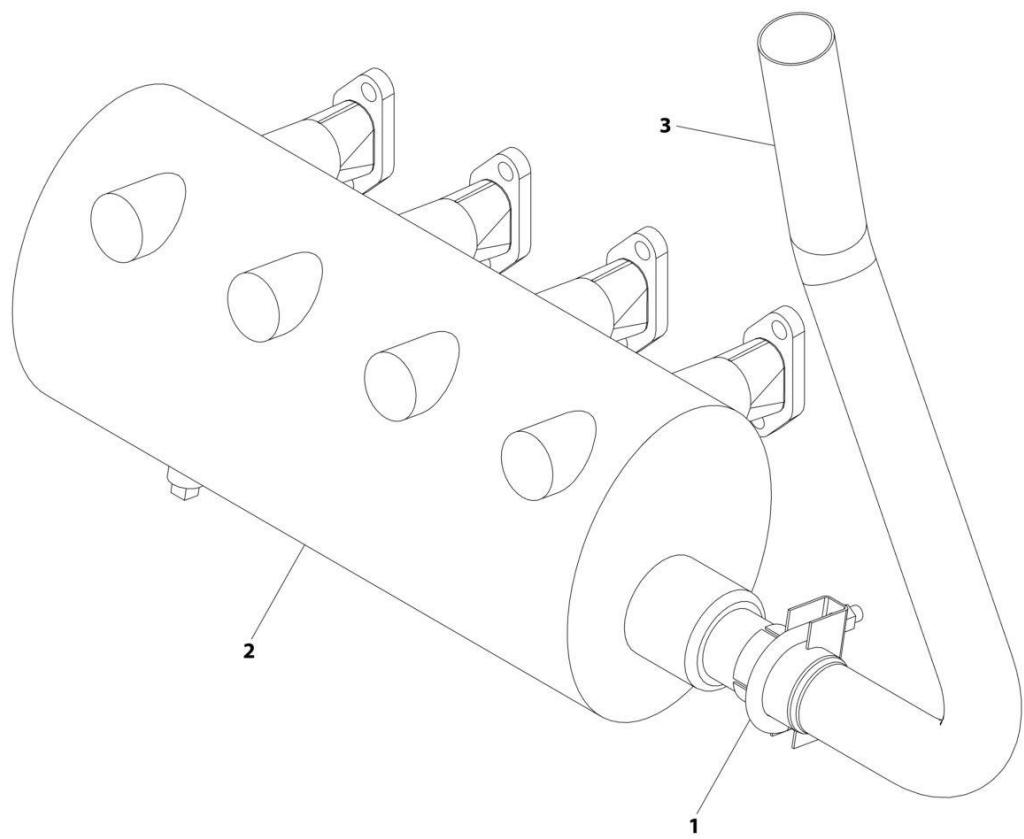
SECTION 3 - ENGINE

FIGURE 3-33. LP TANK AND BRACKETS INSTALLATION (FORD ENGINE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185598	Ref	LP TANK AND BRACKETS INSTALLATION	
1	0100020	AR	Sealant	C
2	0181949	2	Angle	
3	0760408	2	Bolt M4 x 16	
4	0760816	8	Bolt M8 x 40	
5	1320218	2	Clamp	
6	2180125	1	Fitting, 90	
7	2180387	2	Fitting, Tank Connector	
8	2180388	1	Fitting, Bulkhead	
9	2180389	1	Valve, Relief	
10	2180418	2	Fitting, Straight	
11	2220261	1	Fitting, Nipple	
12	2220418	1	Fitting, Tee	
13	2221024	2	Fitting, Ball Check	
14	2221197	1	Fitting, Straight	
15	2720144	2	Hose	
16	3290405	2	Nut M4	
17	3290805	8	Nut M8	
18	5240800	16	Washer M8	
19	1001091102	4	Washer M4	
20	1001184725	2	Clamp Kit	
20	1320127	2	Clamp, Toggle (1 Per Strap)	
21	4240018	2	Tie-Strap (Not Shown)	
22	0100011	AR	Compound, Locking	
23	0760814	8	Bolt M8 x 30	
100	4400275	2	Tank, LP	

SECTION 3 - ENGINE

FIGURE 3-34. MUFFLER INSTALLATION - SPARK ARRESTING (DEUTZ D2011 ENGINES)
(OPTIONAL)



ART_1001192284

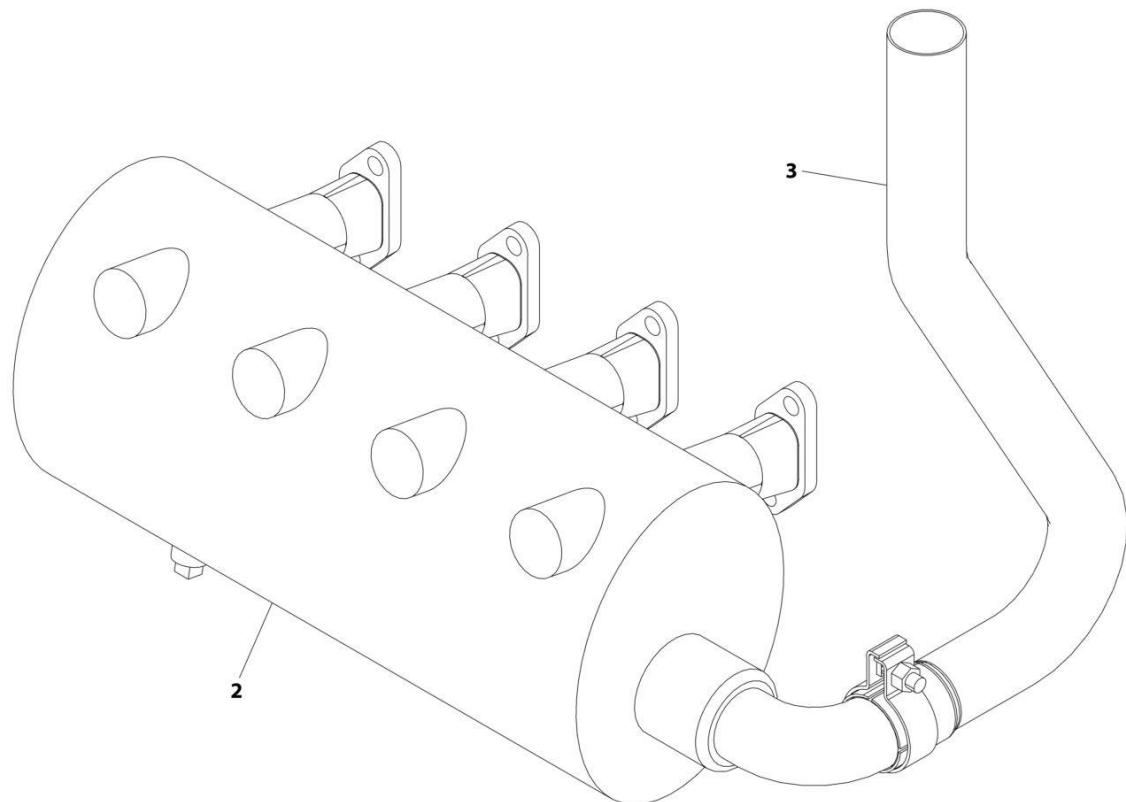
SECTION 3 - ENGINE

**FIGURE 3-34. MUFFLER INSTALLATION - SPARK ARRESTING (DEUTZ D2011 ENGINES)
(OPTIONAL)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001192284	Ref	MUFFLER INSTALLATION	B
1	1320176	1	Clamp	
2	1001195763	1	Pipe, Exhaust	
3	1001191156	1	Muffler, Spark Arresting	

SECTION 3 - ENGINE

FIGURE 3-35. MUFFLER INSTALLATION - CATALYTIC (DEUTZ D2011 ENGINES) (OPTIONAL)



ART_1001192285

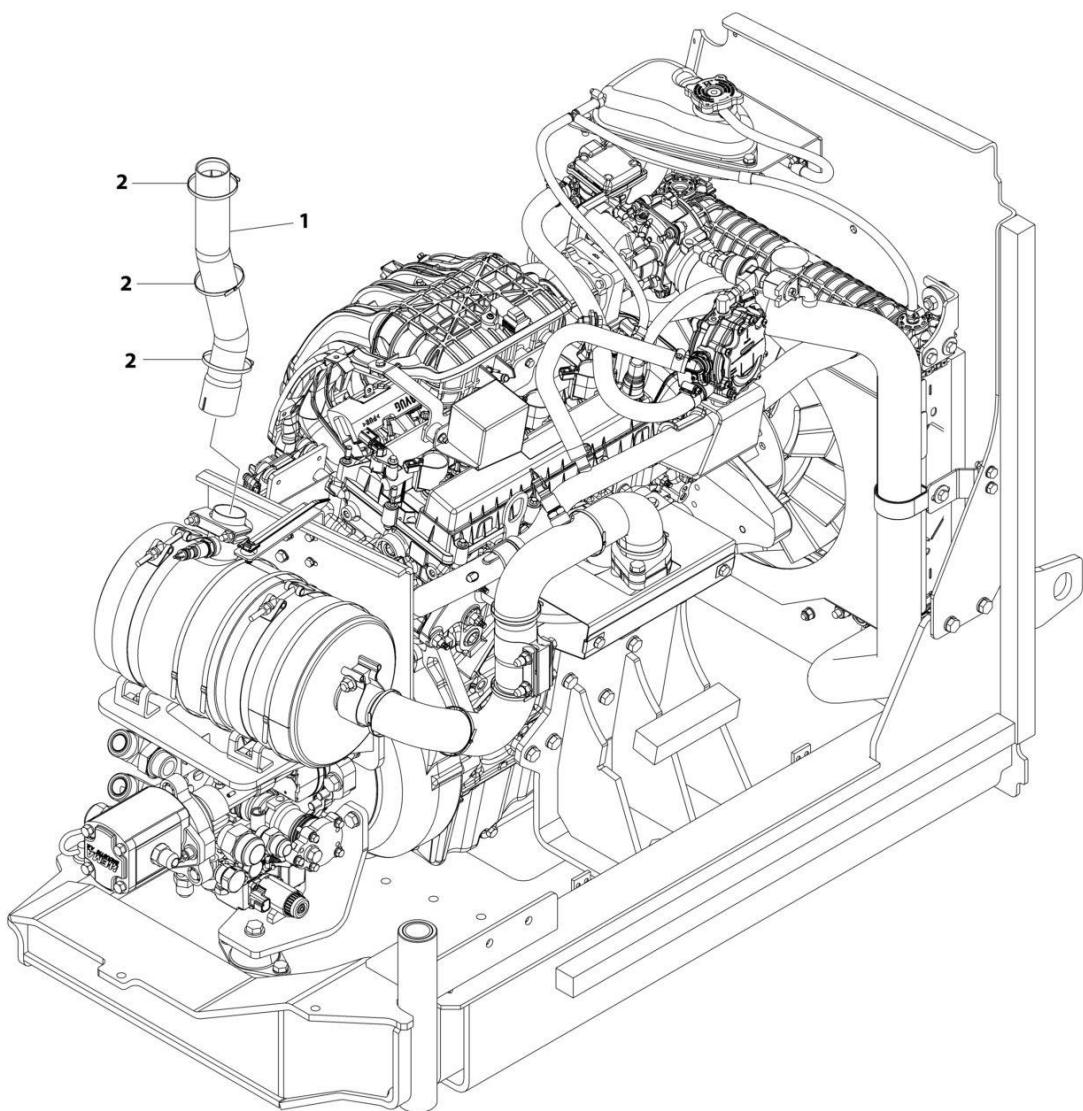
SECTION 3 - ENGINE

FIGURE 3-35. MUFFLER INSTALLATION - CATALYTIC (DEUTZ D2011 ENGINES) (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
2	1001192285 3220104	Ref 1	MUFFLER INSTALLATION - CATALYTIC Muffler, Catalytic	B
3	1001236263	1	Pipe, Exhaust	

SECTION 3 - ENGINE

FIGURE 3-36. MUFFLER INSTALLATION - SPARK ARRESTING (FORD ENGINES) (OPTIONAL)



ART_1001217439

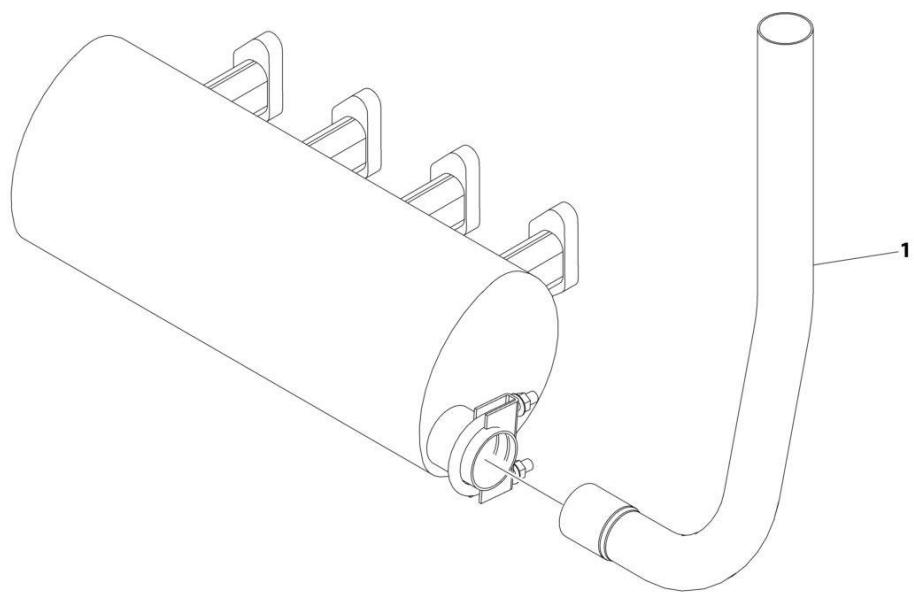
SECTION 3 - ENGINE

FIGURE 3-36. MUFFLER INSTALLATION - SPARK ARRESTING (FORD ENGINES) (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001217439	Ref	MUFFLER INSTALLATION	A
	1001216392	1	Pipe, Exhaust	
2	1001100825	3	Tie-Strap	

SECTION 3 - ENGINE

FIGURE 3-37. EXHAUST PIPE INSTALLATION (DEUTZ D2011 ENGINES)



ART_1001239563

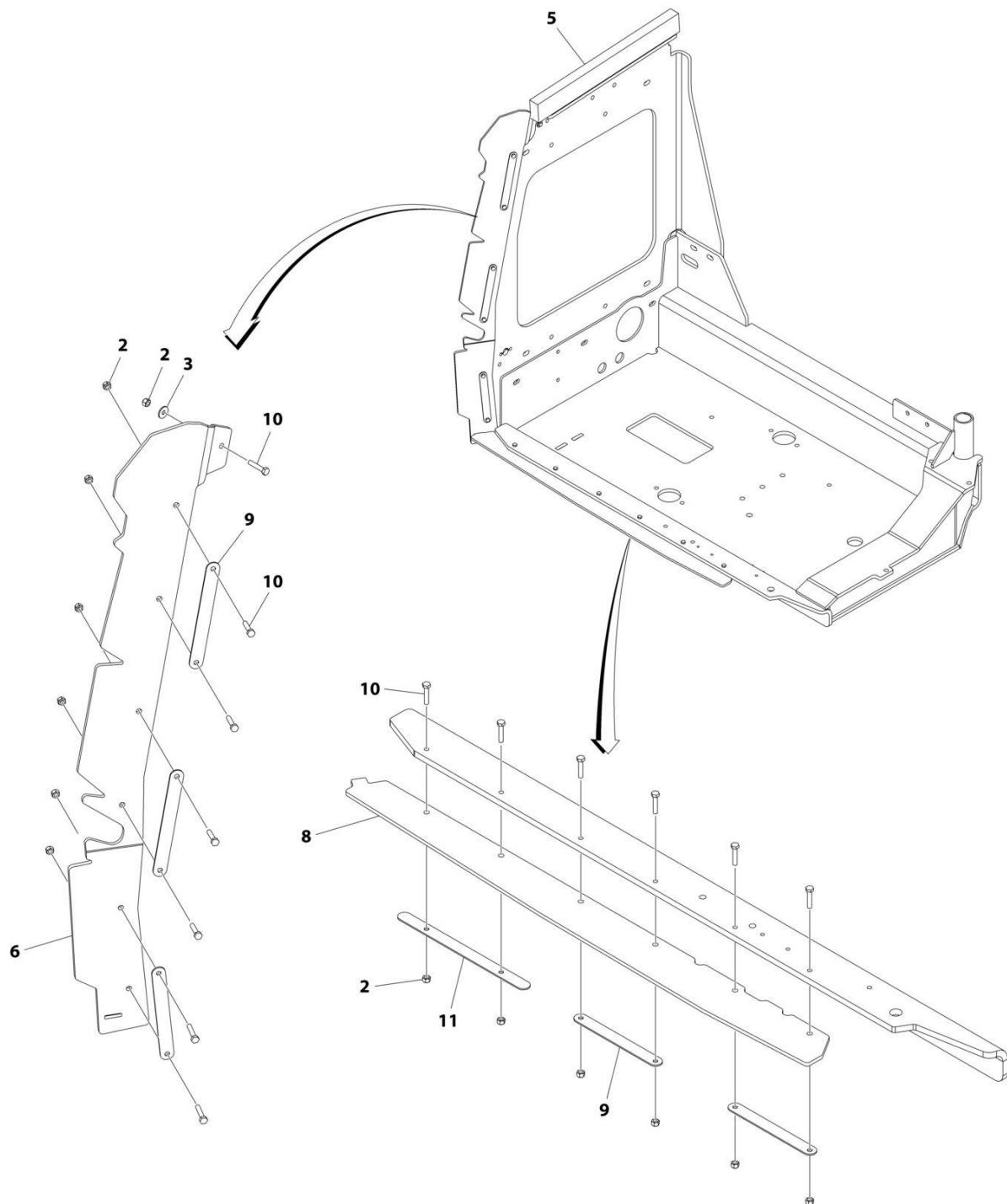
SECTION 3 - ENGINE

FIGURE 3-37. EXHAUST PIPE INSTALLATION (DEUTZ D2011 ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001239563 1001191273	Ref 1	MUFFLER INSTALLATION Pipe, Exhaust	A

SECTION 3 - ENGINE

FIGURE 3-38. ENGINE HOOD BAFFLES INSTALLATION - ABS HOODS



ART_1001197268

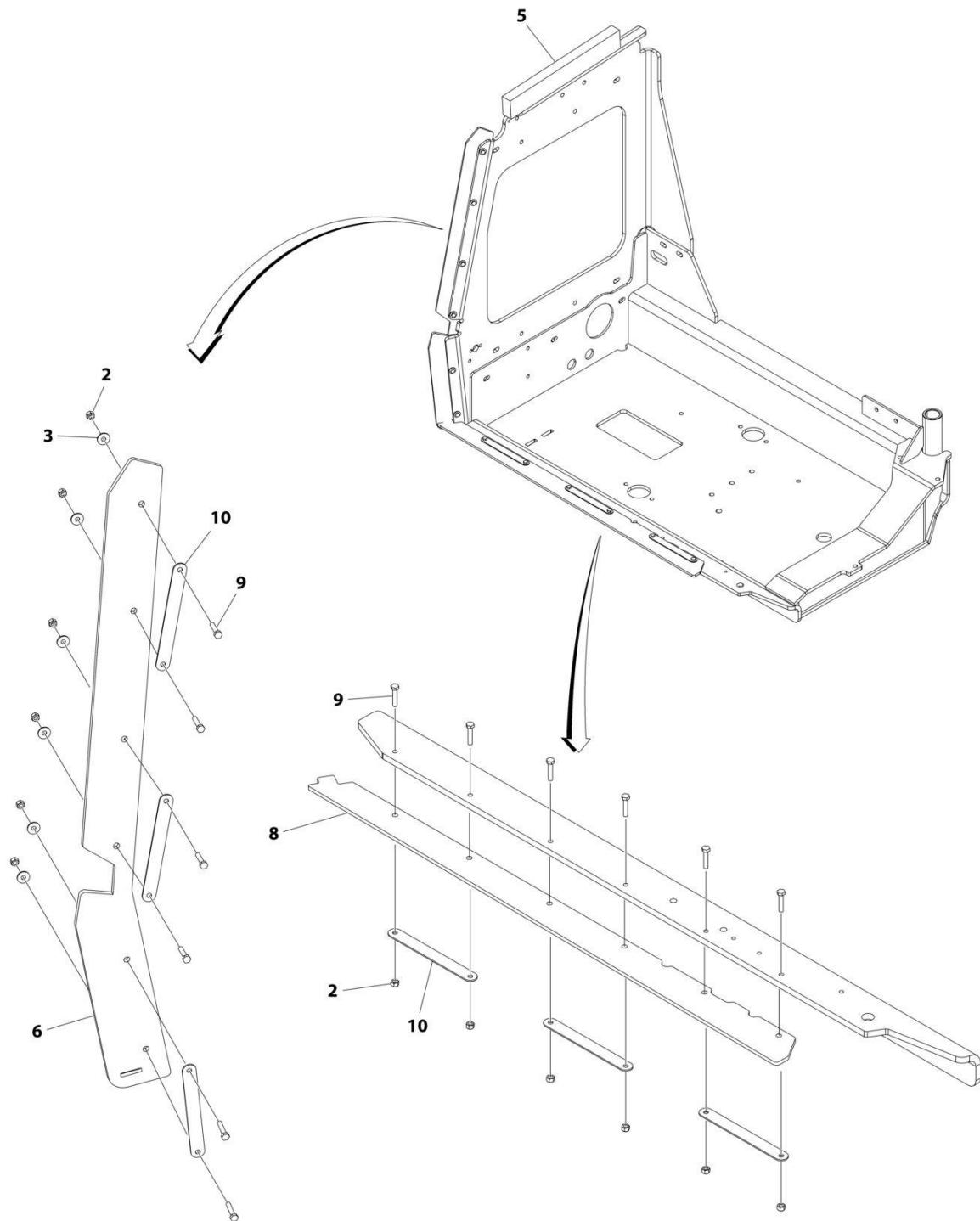
SECTION 3 - ENGINE

FIGURE 3-38. ENGINE HOOD BAFFLES INSTALLATION - ABS HOODS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197268	Ref	ENGINE HOOD BAFFLES INSTALLATION	
2	3290605	13	Nut M6	
3	4811702	8	Washer M6	
5	1001197389	1	Seal	
6	1001197386	1	Seal (600S SN 0300235168 through 0300237156, SN B300002655 to Present)	
6	1001197386	1	Seal (660SJ SN 0300235168 through 0300237156, SN B300002655 to Present)	
6	1001234370	1	Seal (600S SN 0300237157 to Present)	
6	1001234370	1	Seal (660SJ SN 0300237157 to Present)	
8	1001197388	1	Seal (600S SN 0300235168 through 0300237156, SN B300002655 to Present)	
8	1001197388	1	Seal (660SJ SN 0300235168 through 0300237156, SN B300002655 to Present)	
8	1001234371	1	Seal (600S SN 0300237157 to Present)	
8	1001234371	1	Seal (660SJ SN 0300237157 to Present)	
9	1001167164	5	Support	
10	0760614	13	Bolt M6 x 30	
11	1001233429	1	Support	

SECTION 3 - ENGINE

FIGURE 3-39. ENGINE HOOD BAFFLES INSTALLATION - STEEL HOODS



ART_1001197269

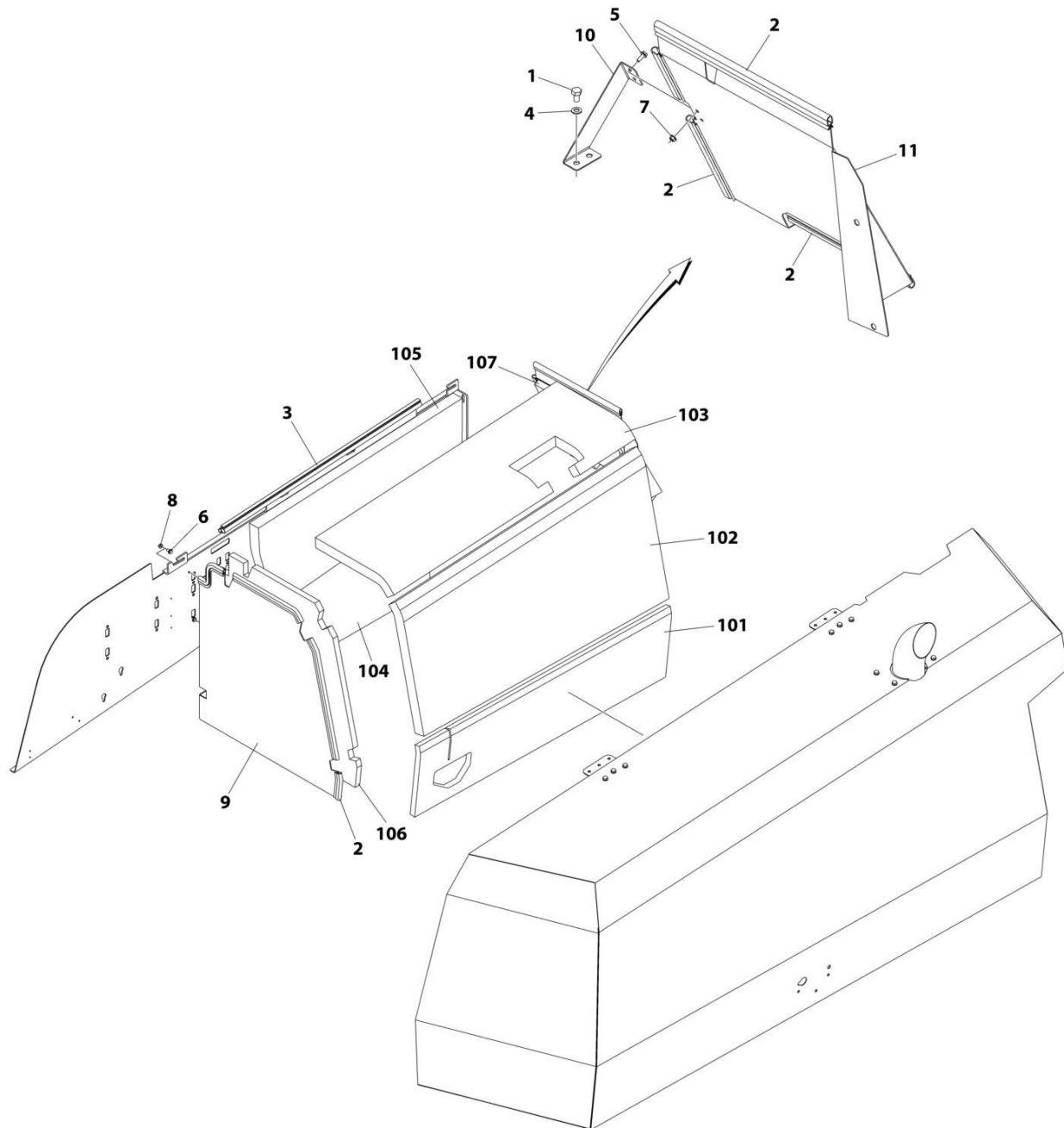
SECTION 3 - ENGINE

FIGURE 3-39. ENGINE HOOD BAFFLES INSTALLATION - STEEL HOODS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197269	Ref	ENGINE HOOD BAFFLES INSTALLATION	
2	3290605	AR	Nut M6	
3	4811702	AR	Washer M6	
5	1001197389	1	Seal (600S SN 0300235168 through 0300237156, SN B300002655 to Present)	
5	1001197389	1	Seal (660SJ SN 0300235168 through 0300237156, SN B300002655 to Present)	
5	1001234281	1	Seal (600S SN 0300237157 to Present)	
5	1001234281	1	Seal (660SJ SN 0300237157 to Present)	
6	1001197390	1	Seal (600S SN 0300235168 through 0300237156, SN B300002655 to Present)	
6	1001197390	1	Seal (660SJ SN 0300235168 through 0300237156, SN B300002655 to Present)	
6	1001234299	1	Seal (600S SN 0300237157 to Present)	
6	1001234299	1	Seal (660SJ SN 0300237157 to Present)	
8	1001197392	1	Seal (600S SN 0300235168 through 0300237156, SN B300002655 to Present)	
8	1001197392	1	Seal (660SJ SN 0300235168 through 0300237156, SN B300002655 to Present)	
8	1001234283	1	Seal (600S SN 0300237157 to Present)	
8	1001234283	1	Seal (660SJ SN 0300237157 to Present)	
9	0760614	AR	Bolt M6 x 30	
10	1001167164	6	Support	

SECTION 3 - ENGINE

FIGURE 3-40. SOUND REDUCTION PACKAGE



ART_1001234080

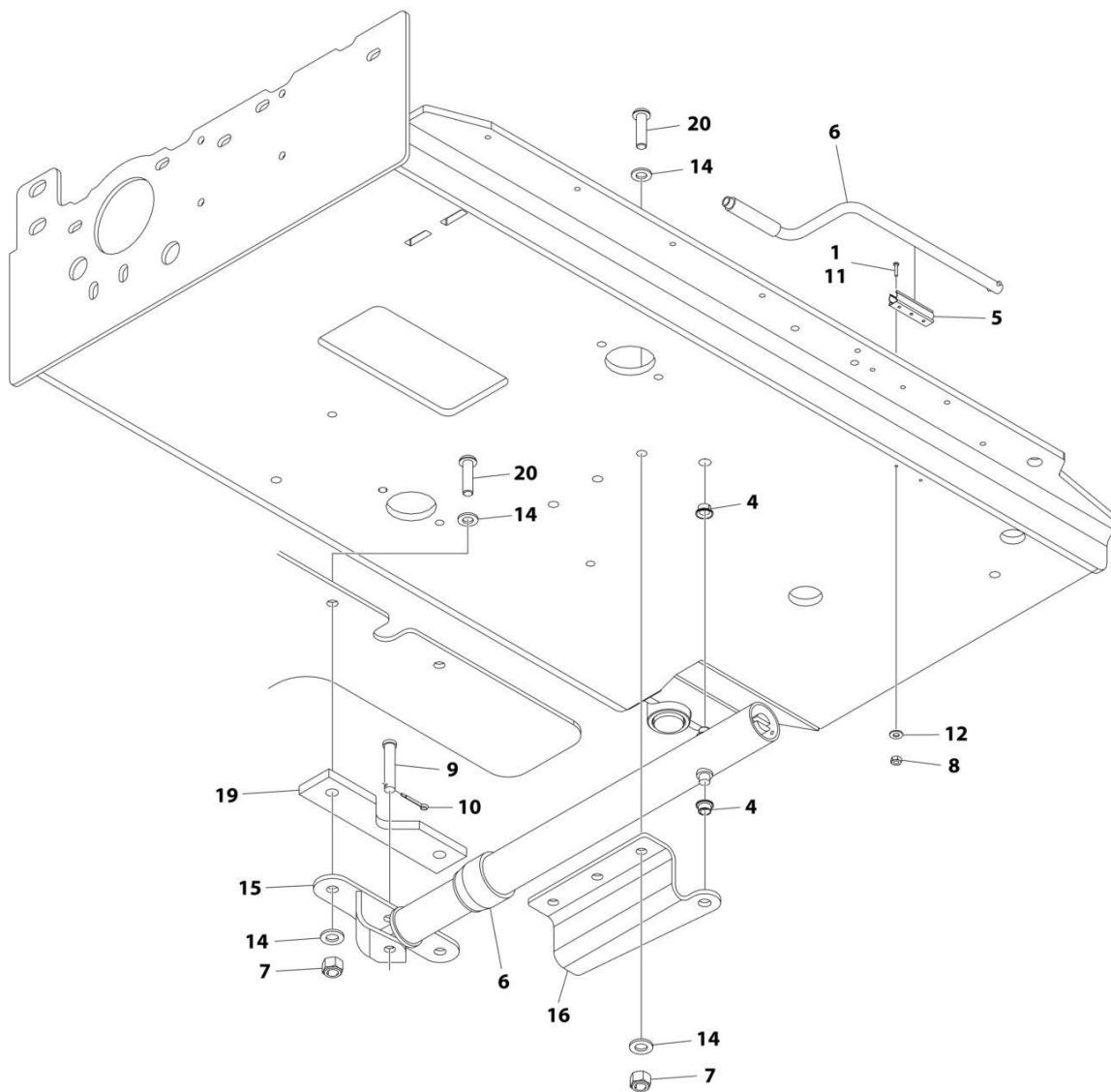
SECTION 3 - ENGINE

FIGURE 3-40. SOUND REDUCTION PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001234080	Ref	SOUND REDUCTION PACKAGE	
1	0761009	2	Bolt M10 x 18	
2	3960389	8.2 ft/ 2.49m	Seal	
3	3960464	3.6 ft/ 1.10m	Seal	
4	4812000	2	Washer M10	
5	5250608	2	Bolt M6 x 16	
6	5250808	2	Bolt M8 x 16	
7	5260600	2	Nut M6	
8	5260800	2	Nut M8	
9	1001241729	1	Plate	
10	1001233948	1	Bracket	
11	1001233949	1	Plate	
100	1001237550	1	Sound Foam Insulate Kit (Includes Items 101-107)	
101	1001233953	1	Insulate	
102	1001233954	1	Insulate	
103	1001233955	1	Insulate	
104	1001233966	1	Insulate	
105	1001233967	1	Insulate	
106	1001234269	1	Insulate	
107	1001234270	1	Insulate	

SECTION 3 - ENGINE

FIGURE 3-41. TRAY JACK INSTALLATION



ART_1001186980

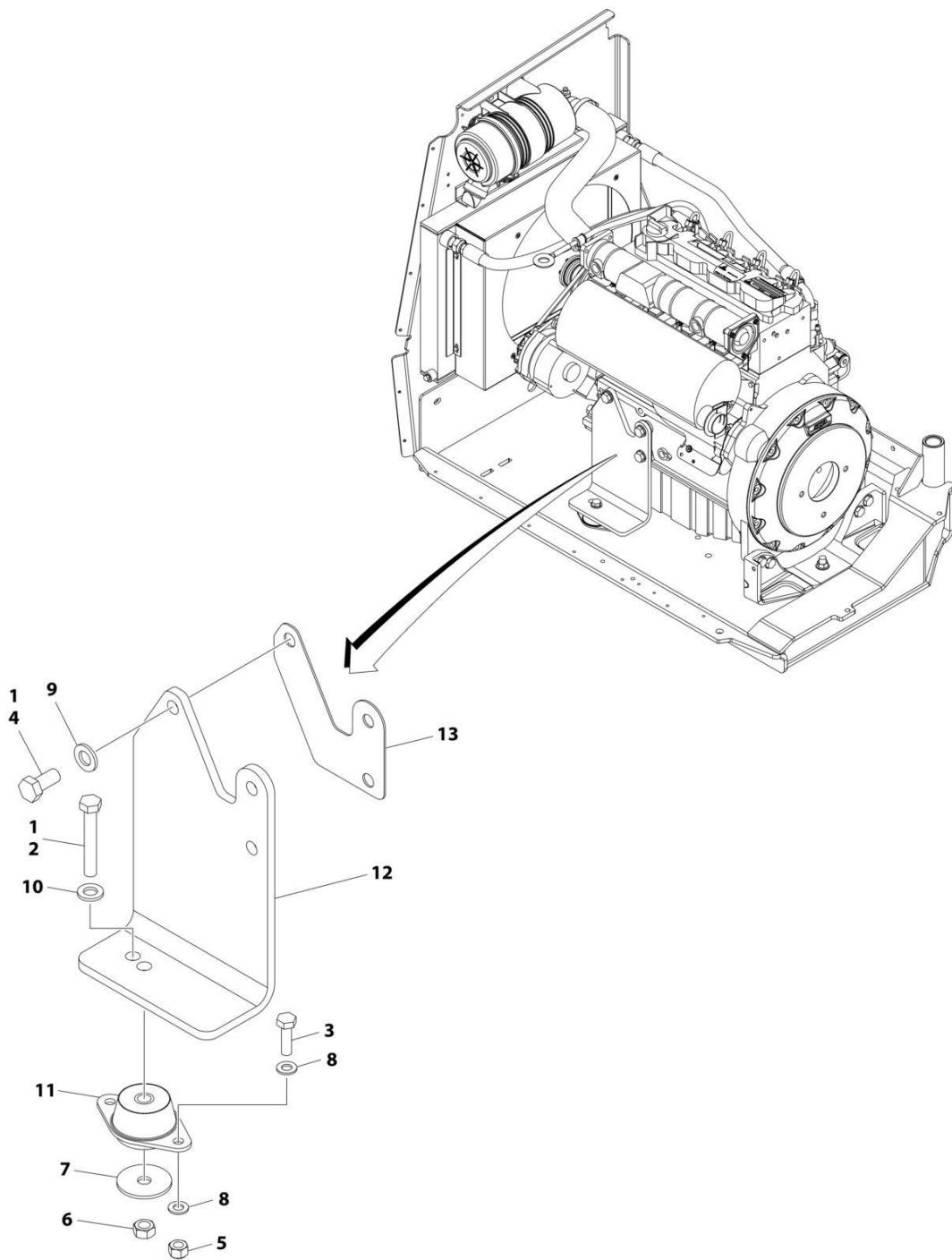
SECTION 3 - ENGINE

FIGURE 3-41. TRAY JACK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186980	Ref	TRAY JACK INSTALLATION	
1	0100011	AR	Compound, Locking	
4	0962051	2	Bearing	
5	1380147	1	Clip	
6	2840016	1	Jack and Handle Assembly	
6	7024598	1	Handle	
7	3291205	5	Nut M12	
8	3290301	2	Nut M3	
9	3430820	1	Pin	
10	3450404	1	Pin (SN 0300235168 through 0300250001, SN B300002655 through B300003386)	
10	1001236121	1	Pin (SN 0300250002 to Present, SN B300003387 to Present)	
11	4010308	2	Screw M3 x 16	
12	4811400	2	Washer M4	
14	4812100	10	Washer M12	
15	1001166894	1	Support	
16	1001175073	1	Support	
19	1001186981	1	Plate	
20	1001102978	5	Screw M12 x 45 Grade 10.9	

SECTION 3 - ENGINE

FIGURE 3-42. MOTOR MOUNT INSTALLATION - WITHOUT GENERATOR (DEUTZ D2011 ENGINES)



ART_1001192443

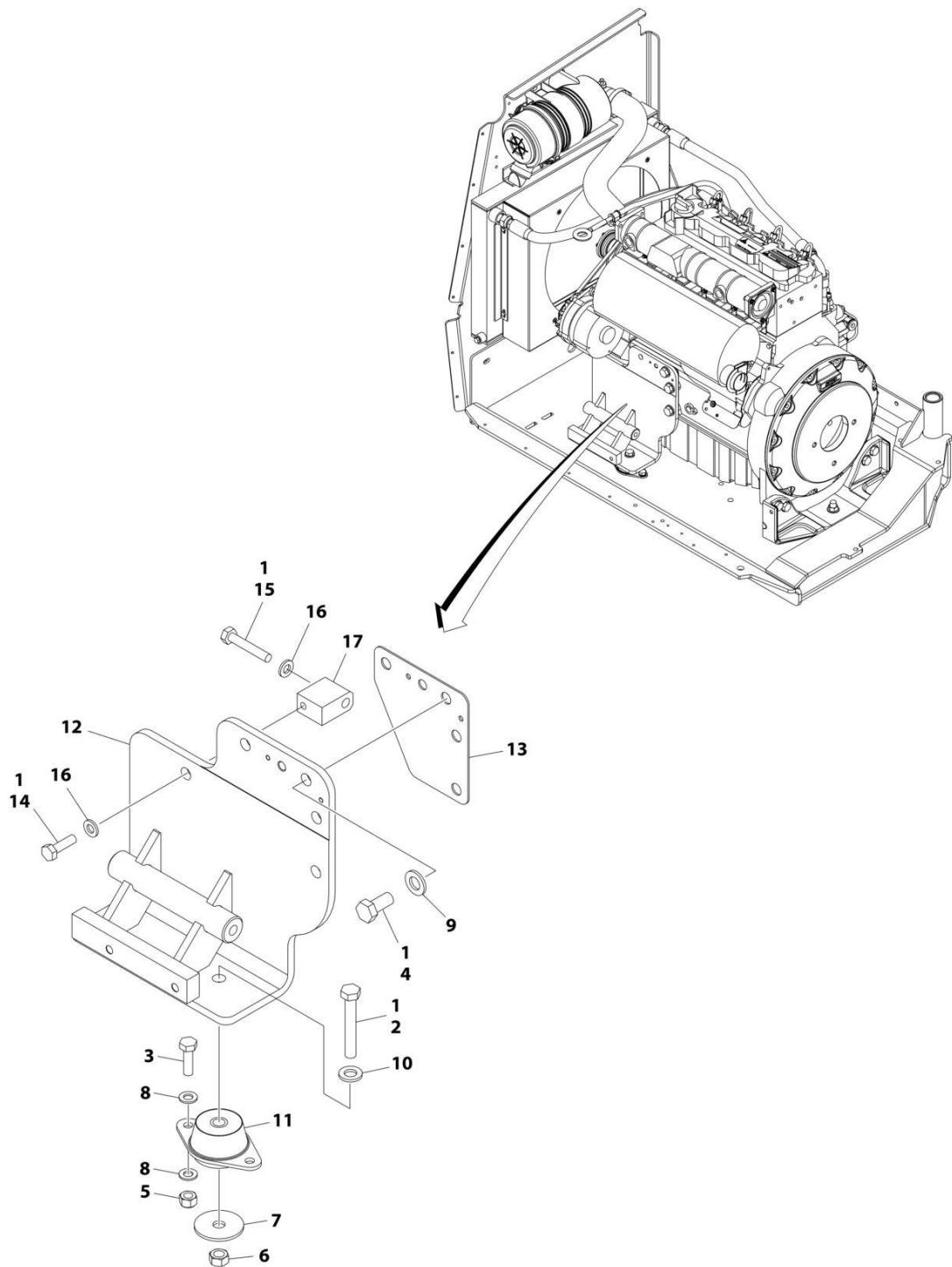
SECTION 3 - ENGINE

FIGURE 3-42. MOTOR MOUNT INSTALLATION - WITHOUT GENERATOR (DEUTZ D2011 ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192443	Ref	MOTOR MOUNT INSTALLATION	
1	0100011	AR	Compound, Locking	D
2	0711224	1	Bolt M12 x 80	
3	0761015	2	Bolt M10 x 35	
4	0771414	3	Bolt M14 x 30	
5	3291005	2	Nut M10	
6	3331211	1	Nut M12	
7	1001168018	1	Washer	
8	4812000	4	Washer M10	
9	5241400	3	Washer M14	
10	5241200	1	Washer M12	
11	1001191610	1	Mount, Motor	
12	1001189227	1	Mount	
13	1001201843	1	Shim	

SECTION 3 - ENGINE

FIGURE 3-43. MOTOR MOUNT INSTALLATION - WITH GENERATOR (DEUTZ D2011 ENGINES)



ART_1001191856

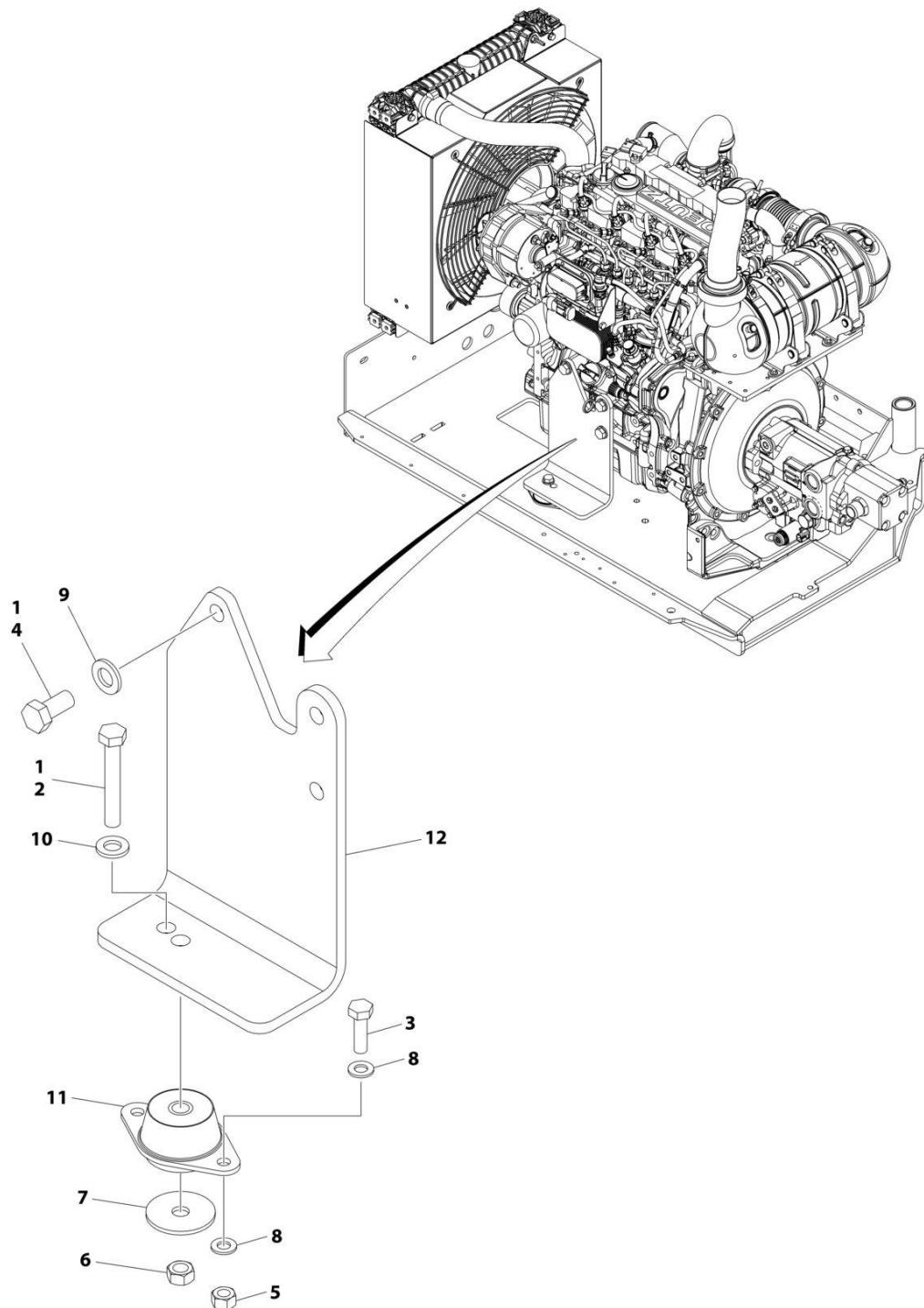
SECTION 3 - ENGINE

FIGURE 3-43. MOTOR MOUNT INSTALLATION - WITH GENERATOR (DEUTZ D2011 ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001191856	Ref	MOTOR MOUNT INSTALLATION	
1	0100011	AR	Compound, Locking	
2	0711224	1	Bolt M12 x 80	
3	0761015	2	Bolt M10 x 35	
4	0771415	3	Bolt M14 x 35	
5	3291005	2	Nut M10	
6	3331211	1	Nut M12	
7	1001168018	1	Washer	
8	4812000	4	Washer M10	
9	5241400	3	Washer M14	
10	5241200	1	Washer M12	
11	1001191610	1	Mount, Engine	
12	1001239710	1	Bracket	
13	1001205957	1	Shim	
14	0711015	1	Bolt M10 x 35	
15	0711020	1	Bolt M10 x 60	
16	5241000	2	Washer M10	
17	1001239715	1	Block	

SECTION 3 - ENGINE

FIGURE 3-44. MOTOR MOUNT INSTALLATION - WITHOUT GENERATOR (DEUTZ TD2.9L4 ENGINES)



ART_1001192442

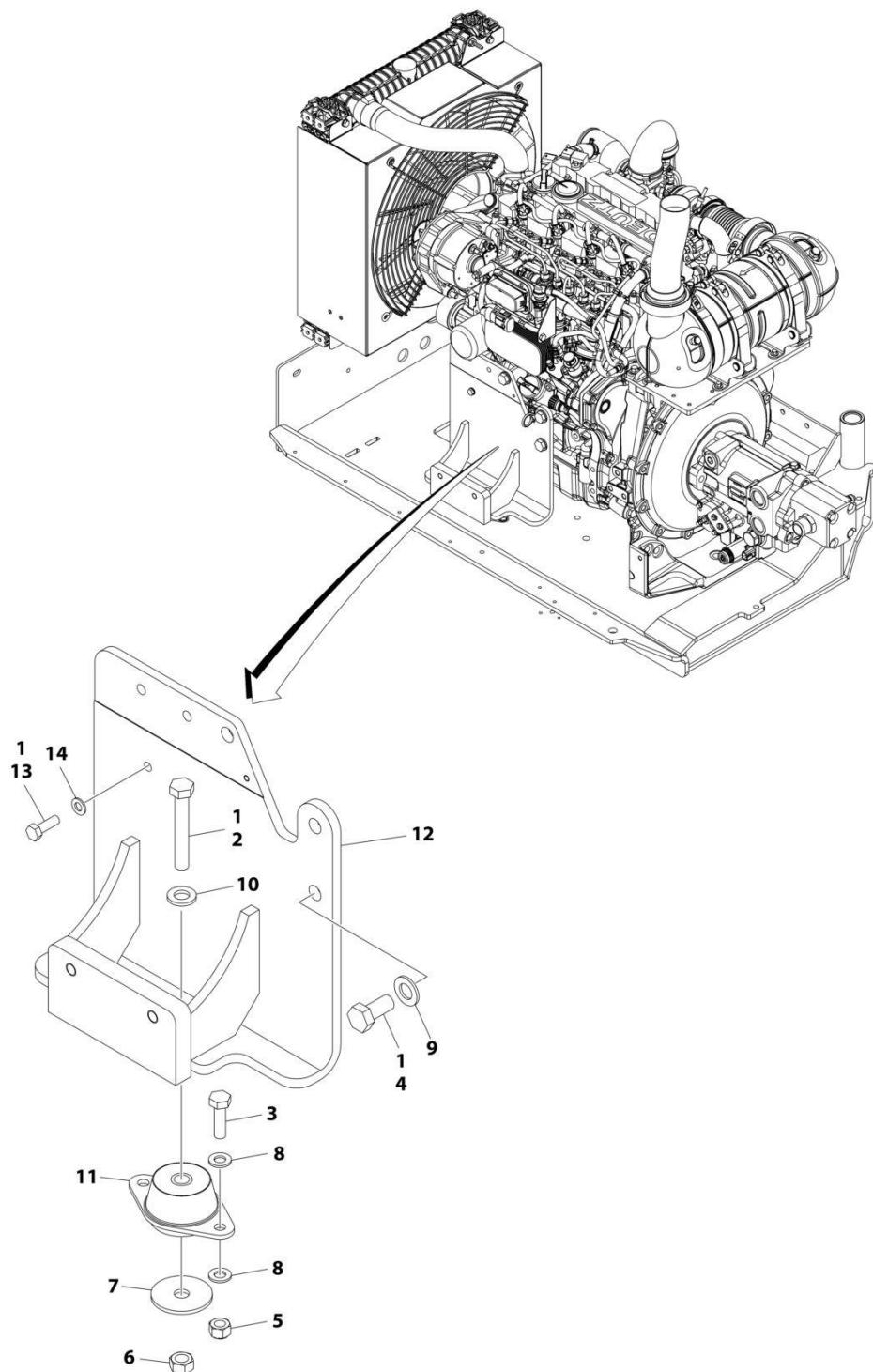
SECTION 3 - ENGINE

FIGURE 3-44. MOTOR MOUNT INSTALLATION - WITHOUT GENERATOR (DEUTZ TD2.9L4 ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001192442	Ref	MOTOR MOUNT INSTALLATION	D
1	0100011	AR	Compound, Locking	
2	0711224	1	Bolt M12 x 80	
3	0761015	2	Bolt M10 x 35	
4	0771414	3	Bolt M14 x 30	
5	3291005	2	Nut M10	
6	3331211	1	Nut M12	
7	1001168018	1	Washer	
8	4812000	4	Washer M10	
9	5241400	3	Washer M14	
10	5241200	1	Washer M12	
11	1001191610	1	Mount, Motor	
12	1001189227	1	Mount	

SECTION 3 - ENGINE

FIGURE 3-45. MOTOR MOUNT INSTALLATION - WITH GENERATOR (DEUTZ TD2.9L4 ENGINES)



ART_1001192008

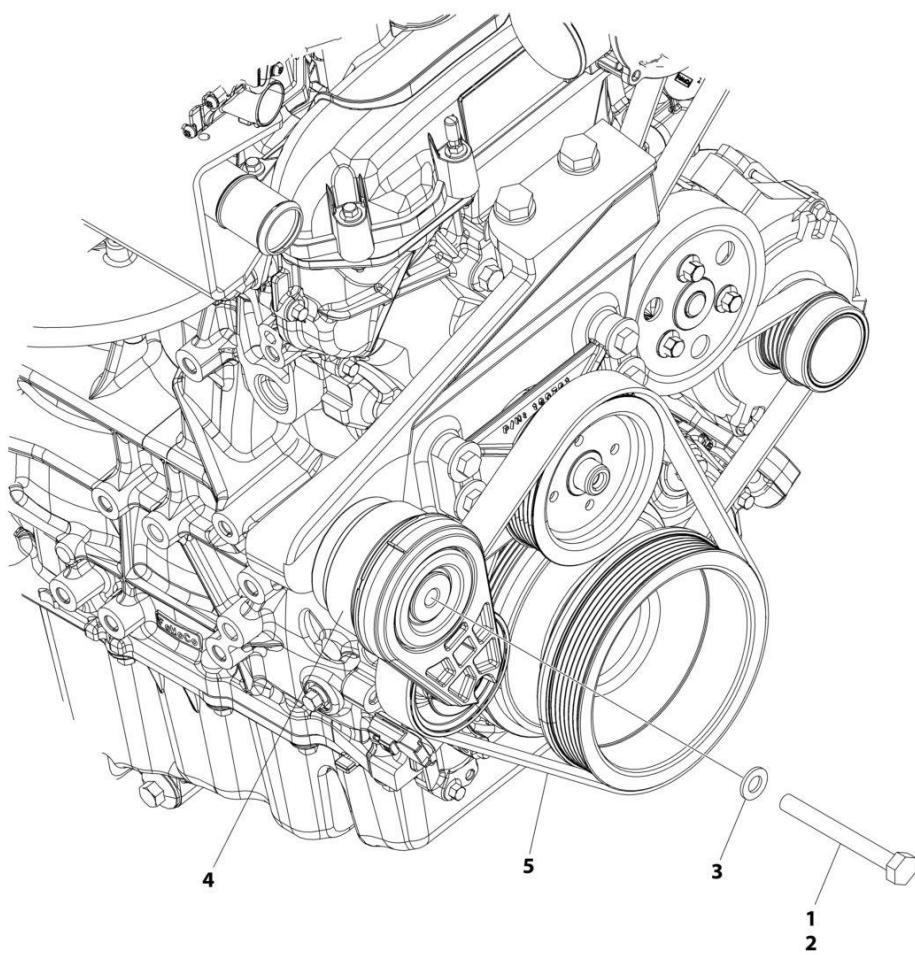
SECTION 3 - ENGINE

FIGURE 3-45. MOTOR MOUNT INSTALLATION - WITH GENERATOR (DEUTZ TD2.9L4 ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001192008	Ref	MOTOR MOUNT INSTALLATION	
1	0100011	AR	Compound, Locking	
2	0711224	1	Bolt M12 x 80	
3	0761015	2	Bolt M10 x 35	
4	0771415	3	Bolt M14 x 35	
5	3291005	2	Nut M10	
6	3331211	1	Nut M12	
7	1001168018	1	Washer	
8	4812000	4	Washer M10	
9	5241400	3	Washer M14	
10	5241200	1	Washer M12	
11	1001191610	1	Mount, Motor	
12	1001209016	1	Mount	
13	0770814	1	Bolt M8 x 30	
14	5240800	1	Washer M8	

SECTION 3 - ENGINE

FIGURE 3-46. BELT WITHOUT GENERATOR INSTALLATION (FORD ENGINES)



ART_1001220404

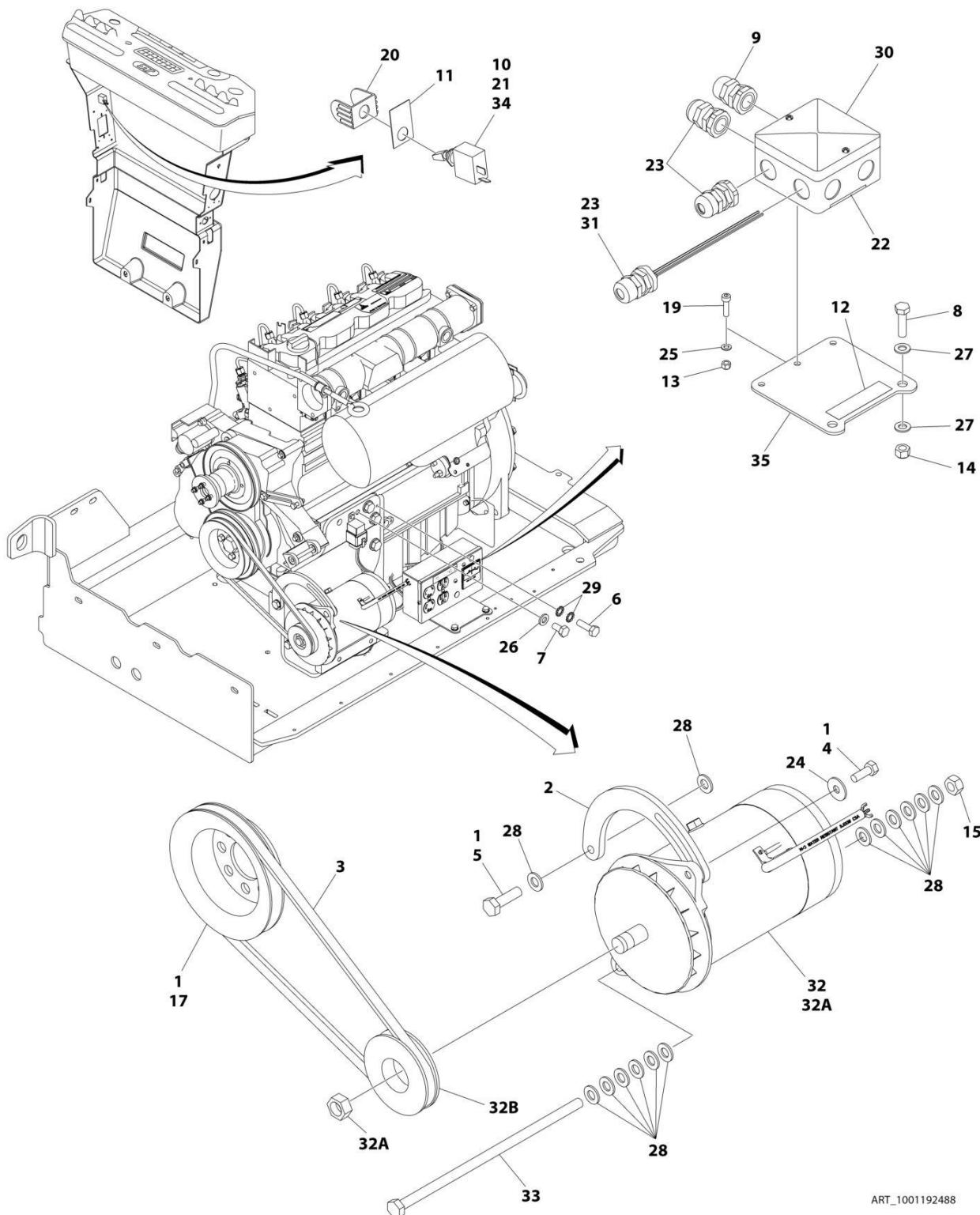
SECTION 3 - ENGINE

FIGURE 3-46. BELT WITHOUT GENERATOR INSTALLATION (FORD ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001220404	Ref	BELT WITHOUT GENERATOR INSTALLATION	C
1	0100011	AR	Compound, Locking	
2	0701026	1	Bolt M10 x 90	
3	4812000	1	Washer M10 (Prior to SN 0300246304)	
3	4812002	AR	Washer M10 (SN 0300246304 to Present)	
4	1001216300	1	Pulley	
5	1001216619	1	V-Belt	

SECTION 3 - ENGINE

FIGURE 3-47. 2500W GENERATOR INSTALLATION - 220V/50HZ (DEUTZ D2011 ENGINES)
(OPTIONAL)



ART_1001192488

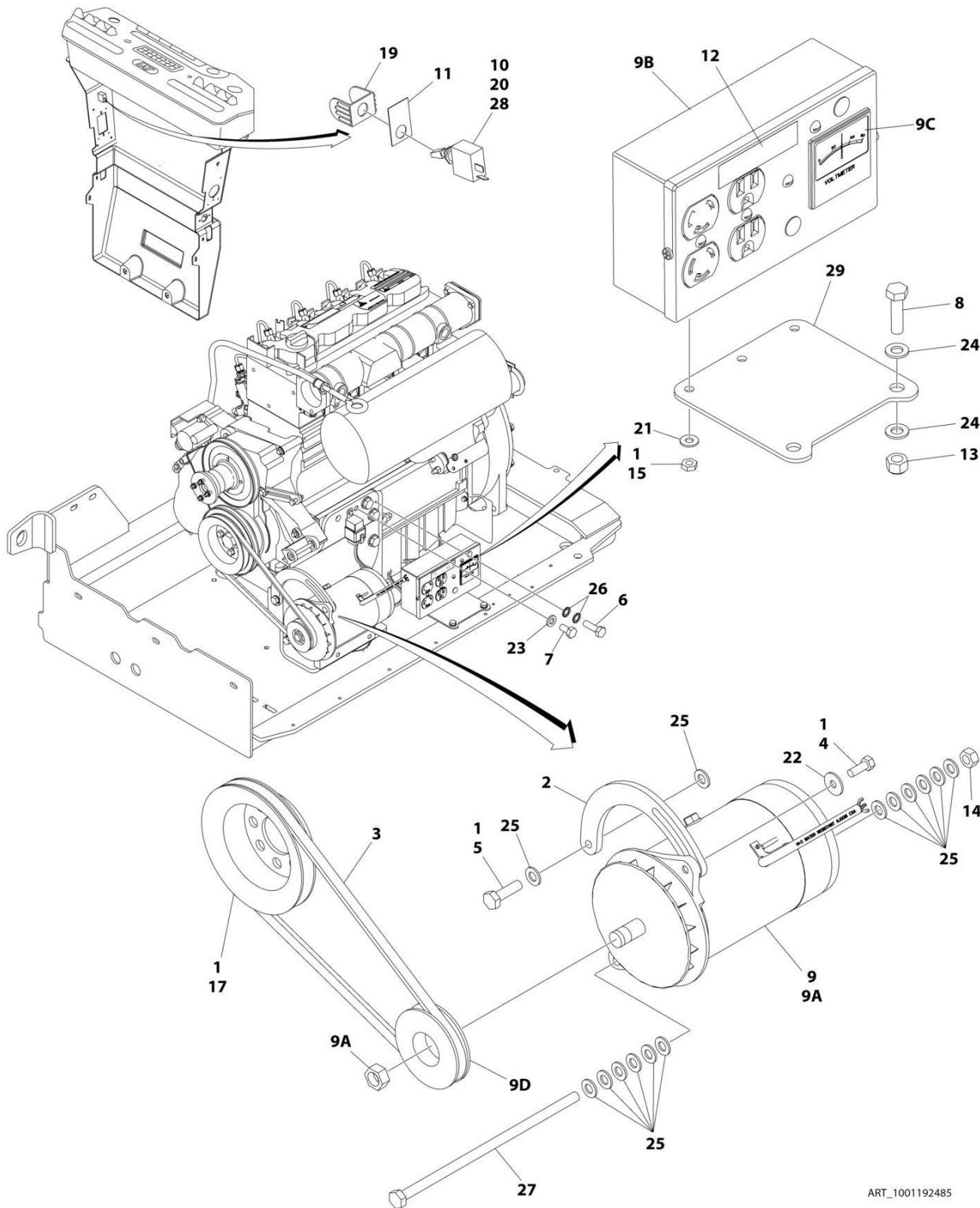
SECTION 3 - ENGINE

**FIGURE 3-47. 2500W GENERATOR INSTALLATION - 220V/50HZ (DEUTZ D2011 ENGINES)
(OPTIONAL)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192488	Ref	2500W GENERATOR INSTALLATION	
1	0100011	AR	Compound, Locking	E
2	1001239716	1	Arm, Adjusting	
3	0480124	1	Belt, Generator	
4	0641508	1	Bolt 5/16 x 1	
5	0761012	1	Bolt M10 x 25	
6	0700610	1	Bolt M6 x 20	
7	0760606	1	Bolt M6 x 12	
8	0760814	2	Bolt M8 x 30	
9	0962449	1	Bushing	
10	2820031	AR	Heat Shrink	
11	3251102	1	Nameplate - Generator On/Off	
12	3252507	1	Decal - 220 Volt	
13	3290505	1	Nut M5	
14	3290805	2	Nut M8	
15	3291007	1	Nut M10	
17	3580158	1	Pulley	
19	4031608	1	Capscrew M5 x 20	
20	4060802	1	Guard, Switch	
21	4360336	1	Switch, Toggle	
22	4420060	1	Tape	
23	4460968	3	Connector, Strain Relief	
24	4811902	1	Washer M8	
25	4811600	1	Washer M5	
26	4811700	1	Washer M6	
27	4811900	4	Washer M8	
28	4812000	14	Washer M10	
29	4871700	2	Washer M6	
30	1001099869	1	Box, Junction	
31	1001100234	1	Lamp, Red	
32	1001100321	1	Generator Assembly	
32A		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.	
32A	70000123	1	Armature with Slip Rings	
32A	7012513	4	Cap, Brush Holder	
32A	7020108	4	Brush	
32A	7020109	4	Holder, Brush	
32A	7012514	1	Fan	
32A	7020110	1	Bell, Front	
32A	7020111	1	Bell, Rear	
32A	7020190	2	Bearing	
32B	3580134	1	Pulley	
32B	7027887	1	Key, Woodruff	
33	1001119280	1	Bolt M10 x 260	
34	4922641	1	Generator Switch Harness	
35	1001193167	1	Plate	
36	1001194114	1	Generator Harness - 2500W (Not Shown) (See Separate Breakdown in ELECTRICAL SECTION)	

SECTION 3 - ENGINE

FIGURE 3-48. 2500W GENERATOR INSTALLATION - 110V/60HZ (DEUTZ D2011 ENGINES)
(OPTIONAL)



ART_1001192485

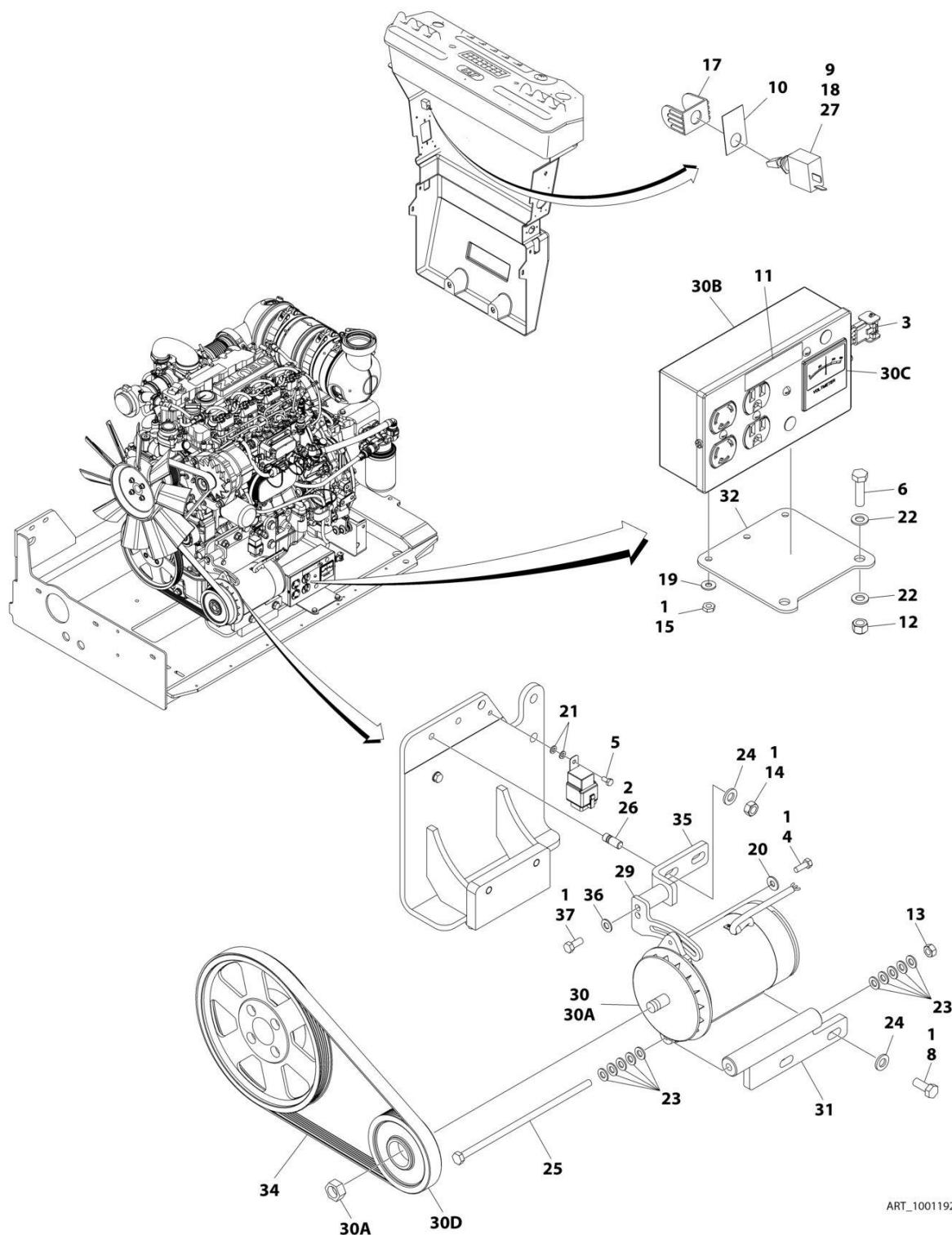
SECTION 3 - ENGINE

**FIGURE 3-48. 2500W GENERATOR INSTALLATION - 110V/60HZ (DEUTZ D2011 ENGINES)
(OPTIONAL)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192485	Ref	2500W GENERATOR INSTALLATION	
1	0100011	AR	Compound, Locking	
2	1001239716	1	Arm, Adjusting	
3	0480124	1	Belt	
4	0641508	1	Bolt 5/16 x 1	
5	0761012	1	Bolt M10 x 25	
6	0700610	1	Bolt M6 x 20	
7	0760606	1	Bolt M6 x 12	
8	0760814	2	Bolt M8 x 30	
9	2460055	1	Generator and Control Box Assembly	
9A	7012558	1	Generator, Replacement	
9A		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.	
9A	7012513	4	Cap, Brush Holder	
9A	7020108	4	Brush	
9A	7020109	4	Holder, Brush	
9A	7012514	1	Fan	
9A	7020190	2	Bearing	
9A	7020110	1	Bell, Front	
9A	7020111	1	Bell, Rear	
9B	7019680	1	Box, Control	
9B	4360542	1	Breaker, Circuit	
9B	4460190	AR	Receptacle, Standard	
9B	4460027	AR	Receptacle, Twistlock	
9C	2420203	1	Voltmeter	
9D	3580276	1	Pulley	
9D	7027887	1	Key, Woodruff	
10	2820031	AR	Heat Shrink	
11	3251102	1	Nameplate - Generator On/Off	
12	3251243	1	Decal - 120V-60Hz	
13	3290805	2	Nut M8	
14	3291007	1	Nut M10	
15	3311001	2	Nut #10	
17	3580158	1	Pulley	
19	4060802	1	Guard, Switch	
20	4360336	1	Switch, Toggle	
21	4751000	1	Washer #10	
22	4811902	1	Washer M8	
23	4811700	1	Washer M6	
24	4811900	4	Washer M8	
25	4812000	14	Washer M10	
26	4871700	2	Washer M6	
27	1001119280	1	Bolt M10 x 260	
28	4922641	1	Generator Switch Harness	
29	1001193167	1	Plate, Mounting	
30	1001194114	1	Generator Harness - 2500W (Not Shown) (See Separate Breakdown in ELECTRICAL SECTION)	

SECTION 3 - ENGINE

FIGURE 3-49. 2500W GENERATOR INSTALLATION - 110V/60HZ (DEUTZ TD2.9L4 ENGINES)
(OPTIONAL)



ART_1001192280

SECTION 3 - ENGINE

**FIGURE 3-49. 2500W GENERATOR INSTALLATION - 110V/60HZ (DEUTZ TD2.9L4 ENGINES)
(OPTIONAL)**

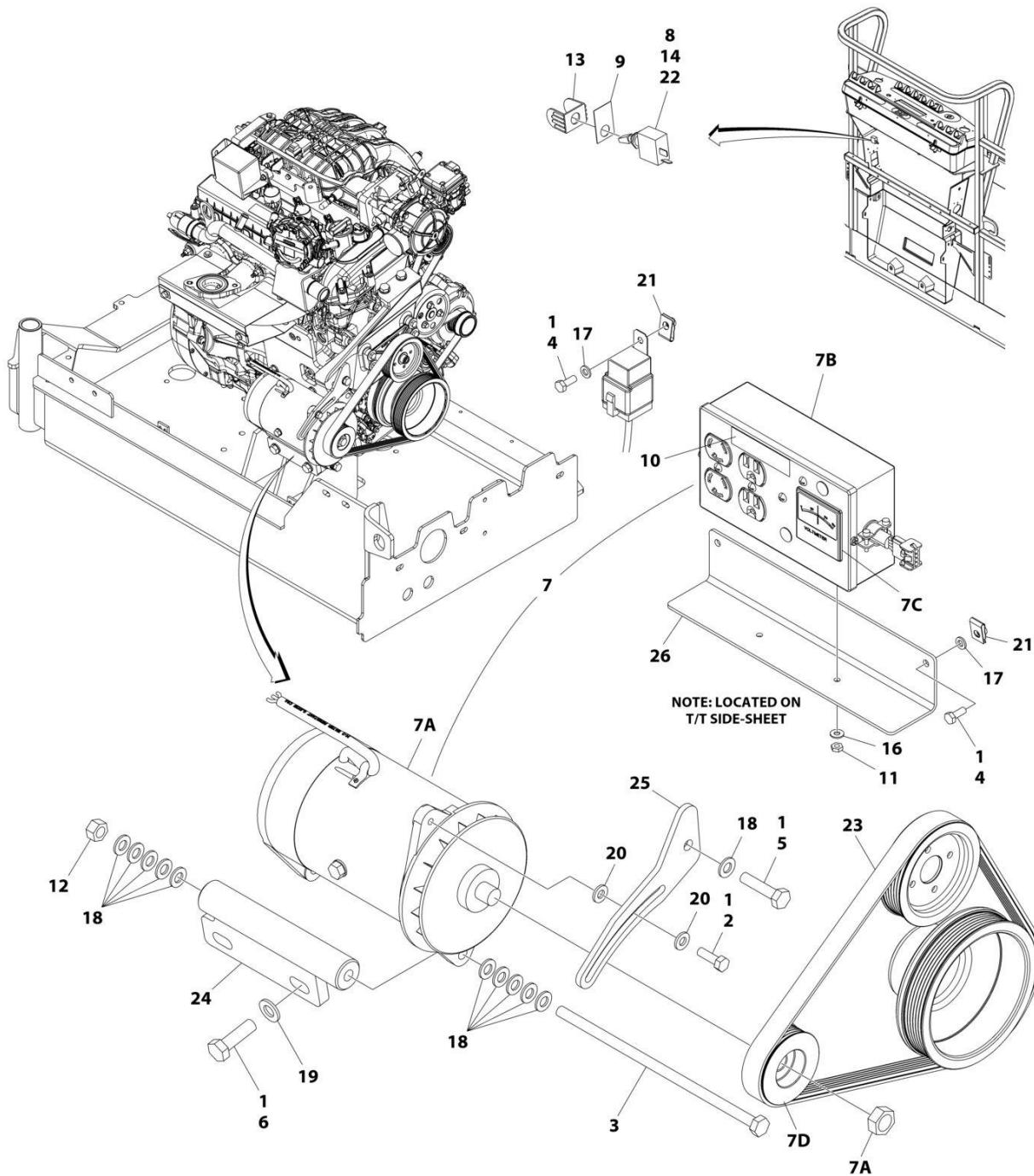
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192280	Ref	2500W GENERATOR INSTALLATION	
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100048	AR	Silicone	
4	0641507	1	Bolt 5/16 x 7/8	
5	0760606	1	Bolt M6 x 12	
6	0760814	2	Bolt M8 x 30	
8	0761214	2	Bolt M12 x 30	
9	2820031	AR	Heat Shrink	
10	3251102	1	Nameplate - Generator On/Off	
11	3251243	1	Decal - 120V-60Hz	
12	3290805	2	Nut M8	
13	3291007	1	Nut M10	
14	3291201	2	Nut M12	
15	3311001	2	Nut #10	
17	4060802	1	Guard, Switch	
18	4360336	1	Switch, Toggle	
19	4751000	2	Washer #10	
20	4751500	1	Washer 5/16	
21	4811700	2	Washer M6	
22	4811900	4	Washer M8	
23	4812000	10	Washer M10	
24	5241200	4	Washer M12	
25	1001119280	1	Bolt M10 x 260	
26	1001196382	2	Stud	
27	4922641	1	Generator Switch Harness	
29	1001179837	1	Arm, Adjusting	
30	1001180001	1	Generator and Control Box Assembly	
30A	7012558	1	Generator, Replacement	
30A		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.	
30A	7026199	1	Armature with Slip Rings	
30A	7012513	4	Cap, Brush Holder	
30A	7020108	4	Brush	
30A	7020109	4	Holder, Brush	
30A	7012514	1	Fan	
30A	7020110	1	Bell, Front	
30A	7020111	1	Bell, Rear	
30A	7020190	2	Bearing	
30B	7019680	1	Box, Control	
30B		Ref	Receptacle Options:	
30B	4460190	1	Receptacle, Standard	
30B	4460027	1	Receptacle, Twistlock	
30B	4360542	1	Breaker, Circuit	
30B	3520028	1	Plug, Hole	
30C	2420203	1	Voltmeter	
30D	3580276	1	Pulley	
30D	7027887	1	Key, Woodruff	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
31	1001181243	1	Mount (Lower)	
32	1001193167	1	Plate	
33	1001194114	1	Generator Harness - 2500W (Not Shown) (See Separate Breakdown in ELECTRICAL SECTION)	
34	1001148138	1	Belt	
35	1001216015	1	Mount (Upper)	
36	4711600	1	Washer 3/8	
37	0641607	1	Bolt 3/8 x 7/8	

SECTION 3 - ENGINE

FIGURE 3-50. 2500W GENERATOR INSTALLATION - 110V/60HZ (FORD ENGINES) (OPTIONAL)



ART_1001219853

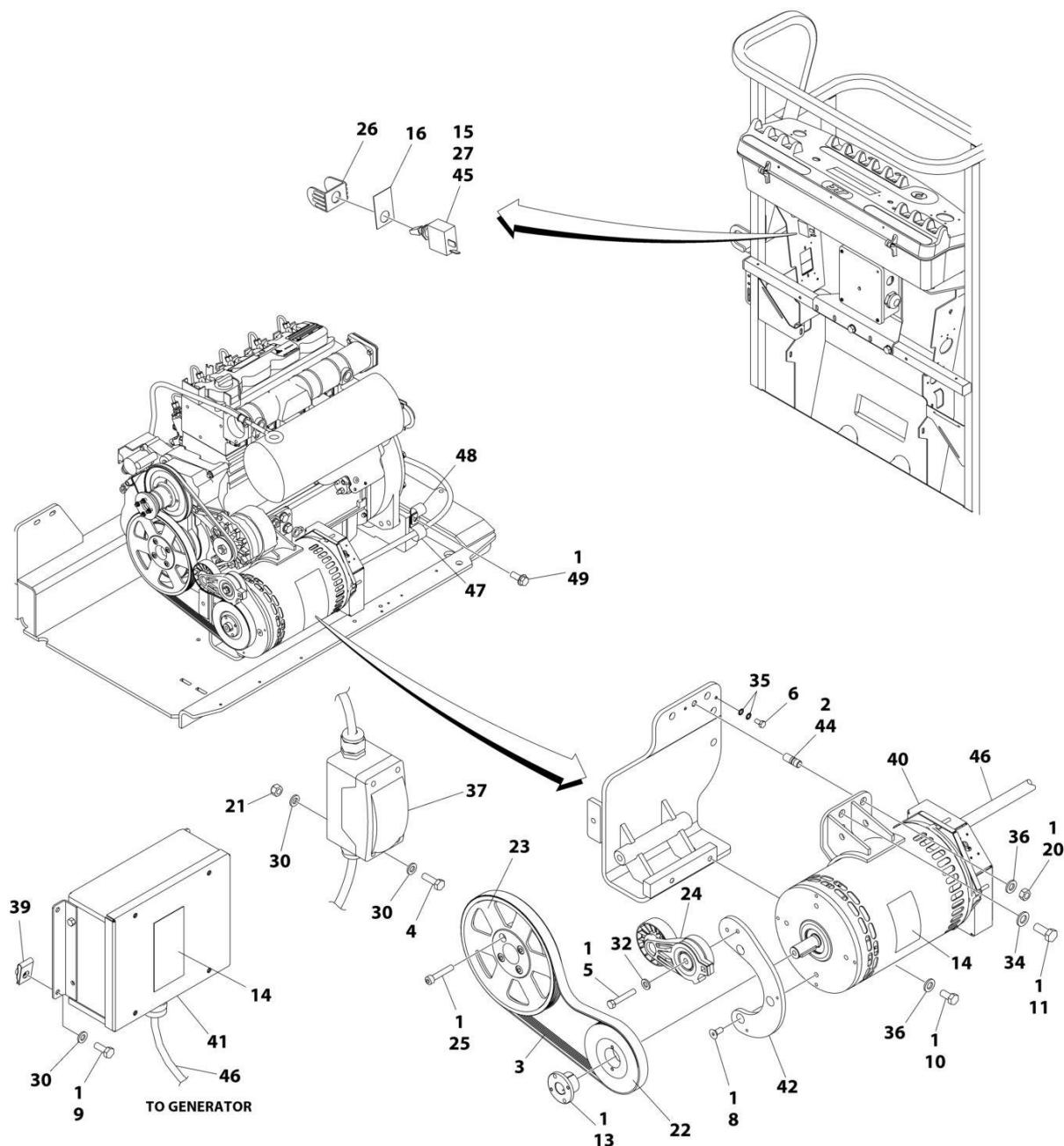
SECTION 3 - ENGINE

FIGURE 3-50. 2500W GENERATOR INSTALLATION - 110V/60HZ (FORD ENGINES) (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219853	Ref	2500W GENERATOR INSTALLATION	
1	0100011	AR	Compound, Locking	
2	0641508	1	Bolt 5/16 x 1	
3	1001119280	1	Bolt M10 x 260	
4	0760608	3	Bolt M6 x 16	
5	0761016	1	Bolt M10 x 40	
6	0761216	2	Bolt M12 x 40	
7	2460051	1	Generator and Control Box Assembly	
7A	7012558	1	Generator, Replacement	
		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.	
7A	7026199	1	Armature with Slip Rings	
7A	7012513	4	Cap, Brush Holder	
7A	7020108	4	Brush	
7A	7020109	4	Holder, Brush	
7A	7012514	1	Fan	
7A	7020110	1	Bell, Front	
7A	7020111	1	Bell, Rear	
7A	7020190	2	Bearing	
7B	7019680	1	Box, Control	
7B		Ref	Receptacle Options:	
7B	4460190	1	Receptacle, Standard	
7B	4460027	1	Receptacle, Twistlock	
7B	4360542	1	Breaker, Circuit	
7B	3520028	1	Plug, Hole	
7C	2420203	1	Voltmeter	
7D	3580324	1	Pulley	
7D	7027887	1	Key, Woodruff	
8	2820031	AR	Heat Shrink	
9	3251102	1	Nameplate - Generator On/Off	
10	3251243	1	Decal - 120V-60Hz	
11	3311005	2	Nut #10	
12	3291007	1	Nut M10	
13	4060802	1	Guard, Switch	
14	4360336	1	Switch, Toggle	
16	4751000	2	Washer #10	
17	4811700	3	Washer M6	
18	4812000	11	Washer M10	
19	4812100	2	Washer M12	
20	4891500	2	Washer 5/16	
21	1001130220	3	Nut, Tinnerman M6	
22	4922641	1	Generator Switch Harness	
23	1001216391	1	Belt	
24	1001219630	1	Mount (Lower)	
25	1001219632	1	Arm, Adjusting	
26	1001220728	1	Bracket	
27	1001194114	1	Generator Harness - 2500W (Not Shown) (See Separate Breakdown in ELECTRICAL SECTION)	

SECTION 3 - ENGINE

FIGURE 3-51. 4000W GENERATOR INSTALLATION - 220V/50HZ (DEUTZ D2011 ENGINES)
(OPTIONAL)



ART_1001192487

SECTION 3 - ENGINE

**FIGURE 3-51. 4000W GENERATOR INSTALLATION - 220V/50HZ (DEUTZ D2011 ENGINES)
(OPTIONAL)**

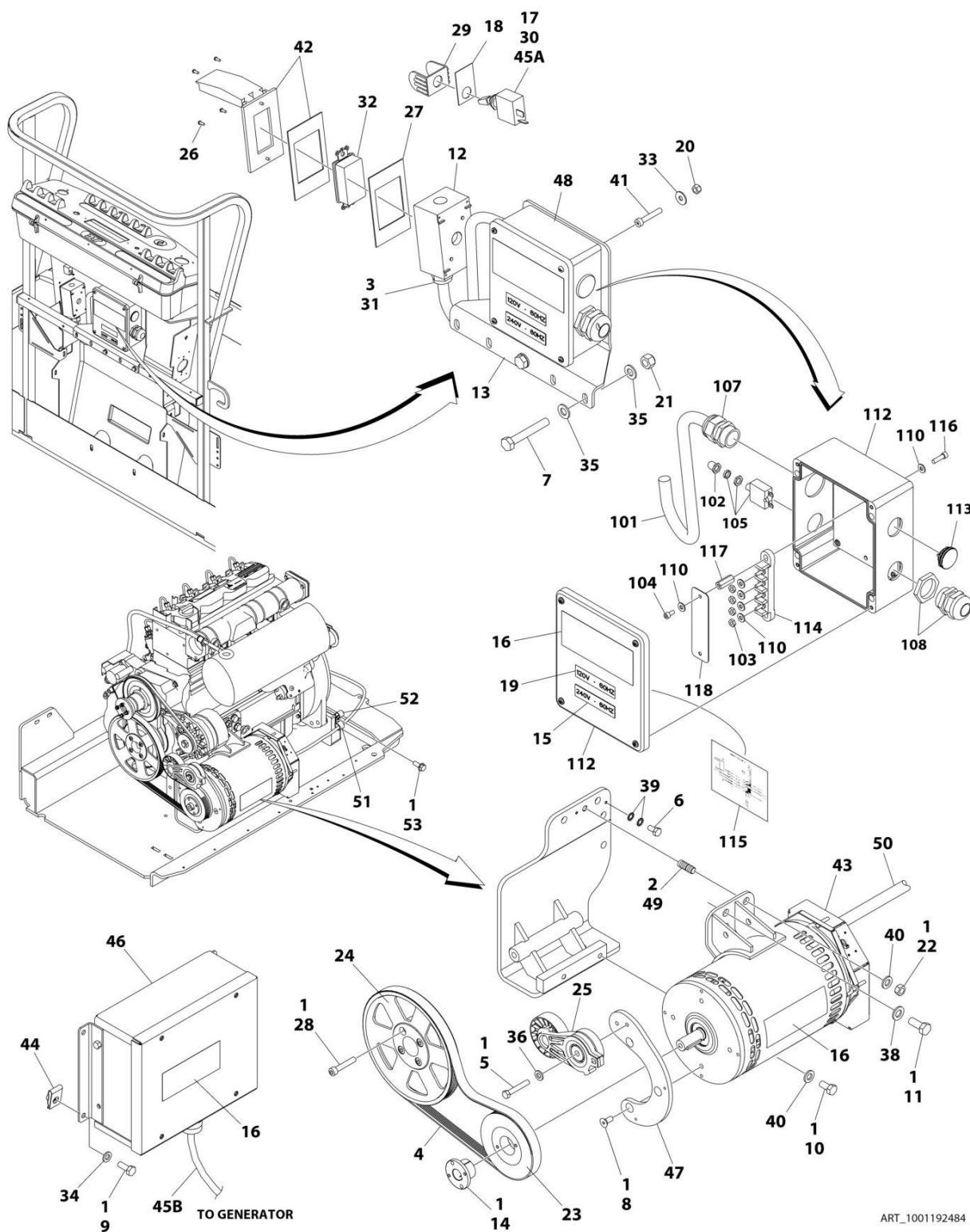
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192487	Ref	4000W GENERATOR INSTALLATION	
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	1001141814	1	Belt	
4	0760610	2	Bolt M6 x 20	
5	0641618	1	Bolt 3/8 x 2-1/4	
6	0760606	1	Bolt M6 x 12	
8	0741607	3	Screw 3/8 x 7/8	
9	0760608	4	Bolt M6 x 16	
10	0761212	2	Bolt M12 x 25	
11	0761415	1	Bolt 14 x 35	
13	0962520	1	Bushing, Split	
14	1705489	2	Decal - Hazardous Voltage	
15	2820031	AR	Heat Shrink	
16	3251102	1	Nameplate - Generator On/Off	
20	3291201	1	Nut M12	
21	3290605	2	Nut M6	
22	3580319	1	Pulley	
23	3580320	1	Pulley	
24	3580317	1	Tensioner, Belt	
25	4032015	4	Capscrew M10 x 55	
26	4060802	1	Guard, Switch	
27	4360336	1	Switch, Toggle	
30	4811700	8	Washer M6	
32	5241000	1	Washer M10	
34	5241400	1	Washer M14	
35	4871700	2	Washer M6	
36	5241200	3	Washer M12	
37	1001096070	1	Breaker Box Kit (See Separate Breakdown in ELECTRICAL SECTION)	
39	1001130220	4	Nut, Tinnerman M6	
40	1001138565	1	Generator Assembly (50Hz)	
40	70003709	1	Ring, Retaining (External)	
40	70003708	1	Ring, Retaining (Internal)	
40	70001966	1	Bearing	
40	70004092	1	Endbell (Shaft End)	
40	70004171	1	Key	
40	70004676	1	Rotor	
40	70004677	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	1001138566	1	Box, Control	
41	70006552	1	Capacitor	
41	70006553	1	Relay	
42	1001139357	1	Mount	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
44	1001196382	1	Stud	
45	4922641	1	Generator Switch Harness	
46	1001152532	1	Generator Harness (See Separate Breakdown in ELECTRICAL SECTION)	
47	7274000040	1	Clamp	
48	1320061	1	Clamp	
49	5251012	1	Bolt M10 x 25	

SECTION 3 - ENGINE

**FIGURE 3-52. 4000W GENERATOR INSTALLATION - 110V/60HZ (DEUTZ D2011 ENGINES)
(OPTIONAL)**



ART_1001192484

SECTION 3 - ENGINE

**FIGURE 3-52. 4000W GENERATOR INSTALLATION - 110V/60HZ (DEUTZ D2011 ENGINES)
(OPTIONAL)**

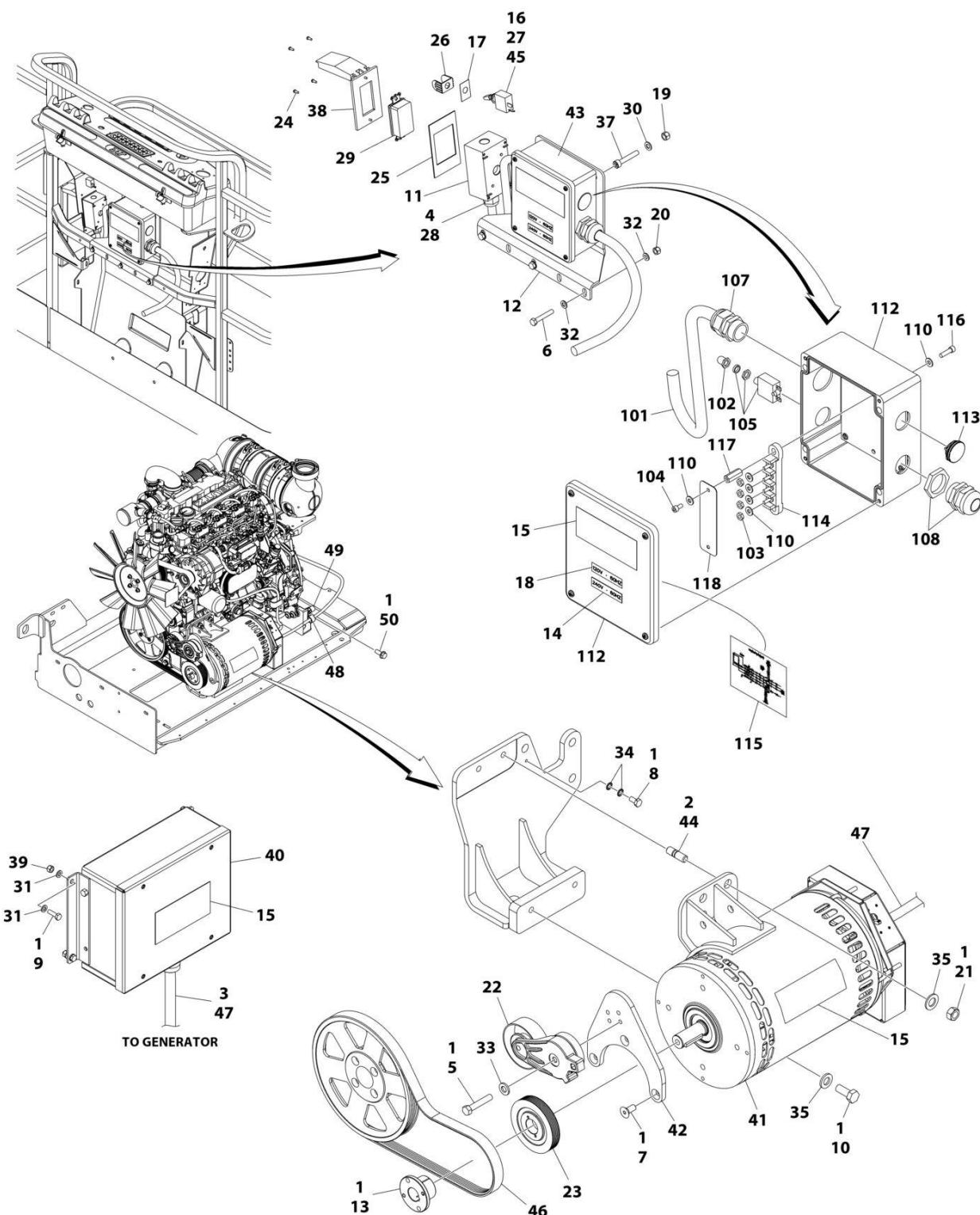
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192484	Ref	4000W GENERATOR INSTALLATION	
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100079	AR	Sealant	
4	1001136356	1	Belt	
5	0641618	1	Bolt 3/8 x 2-1/4	
6	0760606	1	Bolt M6 x 12	
7	0700819	1	Bolt M8 x 55	
8	0741607	3	Screw 3/8 x 7/8	
9	0760608	4	Bolt M6 x 16	
10	0761212	2	Bolt M12 x 25	
11	0761415	1	Bolt M14 x 35	
12	0860038	1	Box, Receptacle	
13	0902888	1	Bracket	
14	0962520	1	Bushing, Split	
15	1705374	1	Decal - 240V-60Hz	
16	1705387	3	Decal - Hazardous Voltage	
17	2820031	AR	Heat Shrink	
18	3251102	1	Nameplate - Generator On/Off	
19	3251243	1	Decal - 120V-60Hz	
20	3290505	4	Nut M5	
21	3290805	2	Nut M8	
22	3291201	1	Nut M12	
23	3580318	1	Pulley	
24	3580320	1	Pulley	
25	3580317	1	Tensioner, Belt	
26	3910606	4	Screw #6 x 3/8	
27	3960422	1	Gasket	
28	4032015	4	Capscrew M10 x 55	
29	4060802	1	Guard, Switch	
30	4360336	1	Switch, Toggle	
31	4460071	1	Connector, Strain Relief	
32	4460346	1	Receptacle	
33	4811602	4	Washer M5	
34	4811700	4	Washer M6	
35	4811900	4	Washer M8	
36	5241000	1	Washer M10	
38	5241400	1	Washer M14	
39	4871700	2	Washer M6	
40	5241200	3	Washer M12	
41	1001104029	4	Capscrew M5 x 30 Grade 12.9	
42	1001110873	1	Cover, Receptacle	
43	1001129858	1	Generator Assembly (60Hz)	
43	70003709	1	Ring, Retaining (External)	
43	70003708	1	Ring, Retaining (Internal)	
43	70001966	1	Bearing	
43	70004092	1	Endbell (Shaft End)	
43	70004171	1	Key	
43	70004676	1	Rotor	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
43	70004684	1	Stator	
43	70004678	1	Endbell (Rear)	
43	70004679	1	Cover, Endbell (Rear)	
43	70004680	1	Enclosure, Wiring	
43	70004685	1	Cover, Enclosure	
43	70004682	1	Switch, Reset (Located on Enclosure Cover)	
43	70004098	1	Connector, Strain Relief (Located on Enclosure Cover)	
44	1001130220	4	Nut, Tinnerman M6	
45A	4922641	1	Generator Switch Harness	
45B	1001153197	1	Generator to Engine Harness	
45B	4460967	1	Connector - 3 Position	
45B	4460465	2	Socket, Female	
46	1001138566	1	Box, Control	
46	70006552	1	Capacitor	
46	70006553	1	Relay	
47	1001139357	1	Mount	
48	1001152457	1	Junction Box Assembly (See Items 101-118 for Breakdown)	
49	1001196382	1	Stud	
50	1001152532	1	Generator Harness (See Separate Breakdown in ELECTRICAL SECTION)	
51	7274000040	1	Clamp	
52	1320061	1	Clamp	
53	5251012	1	Bolt M10 x 25	
	1001152457	Ref	JUNCTION BOX ASSEMBLY	
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. 4000W GENERATOR INSTALLATION - 110V/60HZ (DEUTZ TD2.9L4 ENGINES)
(OPTIONAL)**



ART 1001192279

SECTION 3 - ENGINE

**FIGURE 3-53. 4000W GENERATOR INSTALLATION - 110V/60HZ (DEUTZ TD2.9L4 ENGINES)
(OPTIONAL)**

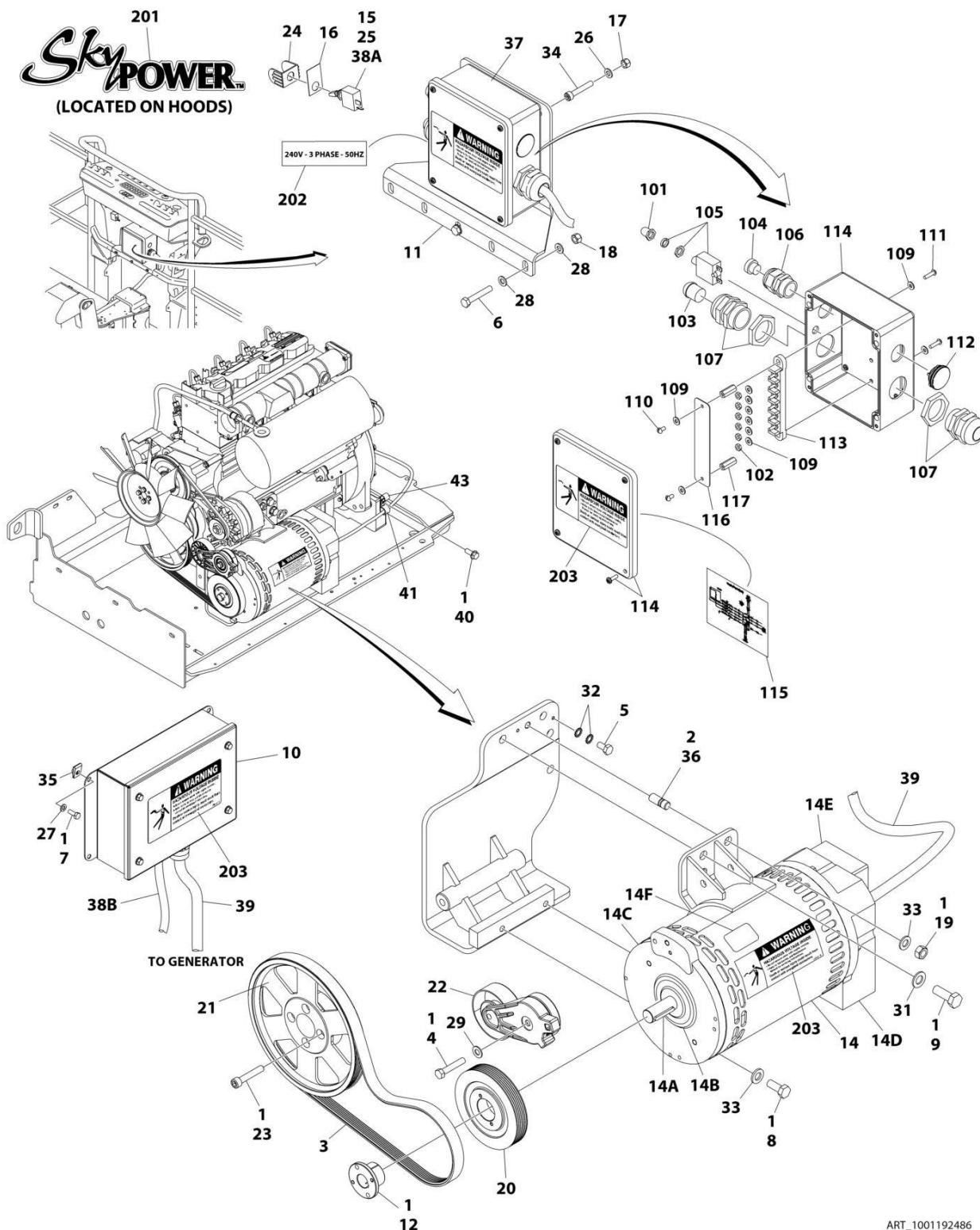
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192279	Ref	4000W GENERATOR INSTALLATION	
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100048	AR	Compound, Locking	
4	0100079	AR	Sealant	
5	0641616	1	Bolt 3/8 x 2	
6	0700819	2	Bolt M8 x 55	
7	0741607	3	Screw 3/8 x 7/8	
8	0760606	1	Bolt M6 x 12	
9	0760608	4	Bolt M6 x 16	
10	0761212	2	Bolt M12 x 25	
11	0860038	1	Box, Receptacle	
12	0902888	1	Bracket	
13	0962520	1	Bushing, Split	
14	1705374	1	Decal - 240V-60Hz	
15	1705387	3	Decal - Hazardous Voltage	
16	2820031	AR	Heat Shrink	
17	3251102	1	Nameplate - Generator On/Off	
18	3251243	1	Decal - 120V-60Hz	
19	3290505	4	Nut M5	
20	3290805	2	Nut M8	
21	3291201	2	Nut M12	
22	3580317	1	Tensioner, Belt	
23	3580318	1	Pulley	
24	3910606	4	Screw #6 x 3/8	
25	3960422	1	Gasket	
26	4060802	1	Guard, Switch	
27	4360336	1	Switch, Toggle	
28	4460071	1	Connector, Strain Relief	
29	4460346	1	Receptacle	
30	4811602	4	Washer M5	
31	4811700	4	Washer M6	
32	4811900	4	Washer M8	
33	5241000	1	Washer M10	
34	4871700	2	Washer M6	
35	5241200	4	Washer M12	
37	1001104029	4	Capscrew M5 x 30 Grade 12.9	
38	1001110873	1	Cover	
39	1001130220	4	Nut, Tinnerman M6	
40	1001138566	1	Box, Control	
40	70006552	1	Capacitor	
40	70006553	1	Relay	
41	1001140346	1	Generator Assembly (60Hz)	
41	70003709	1	Ring, Retaining (External)	
41	70003708	1	Ring, Retaining (Internal)	
41	70001966	1	Bearing	
41	70004092	1	Endbell (Shaft End)	
41	70004099	1	Key	
41	70004676	1	Rotor	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
41	70004687	1	Stator	
41	70004678	1	Endbell (Rear)	
41	70004679	1	Cover, Endbell (Rear)	
41	70004680	1	Enclosure, Wiring	
41	70004685	1	Cover, Enclosure	
41	70004682	1	Switch, Reset (Located on Enclosure Cover)	
41	70004098	1	Connector, Strain Relief (Located on Enclosure Cover)	
42	1001142643	1	Support	
43	1001152457	1	Junction Box Assembly (See Items 101-118 for Breakdown)	
44	1001196382	2	Stud	
45	4922641	1	Generator Switch Harness	
46	1001142646	1	Belt	
47	1001152532	1	Generator Harness (See Separate Breakdown in ELECTRICAL SECTION)	
48	7274000040	1	Clamp	
49	1320061	1	Clamp	
50	5251012	1	Bolt M10 x 25	
	1001152457	Ref	JUNCTION BOX ASSEMBLY	
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 3-54. 7500W SKYPOWER GENERATOR INSTALLATION - 220V/50HZ (DEUTZ D2011 ENGINES) (OPTIONAL)



ART_1001192486

SECTION 3 - ENGINE

FIGURE 3-54. 7500W SKYPOWER GENERATOR INSTALLATION - 220V/50HZ (DEUTZ D2011 ENGINES) (OPTIONAL)

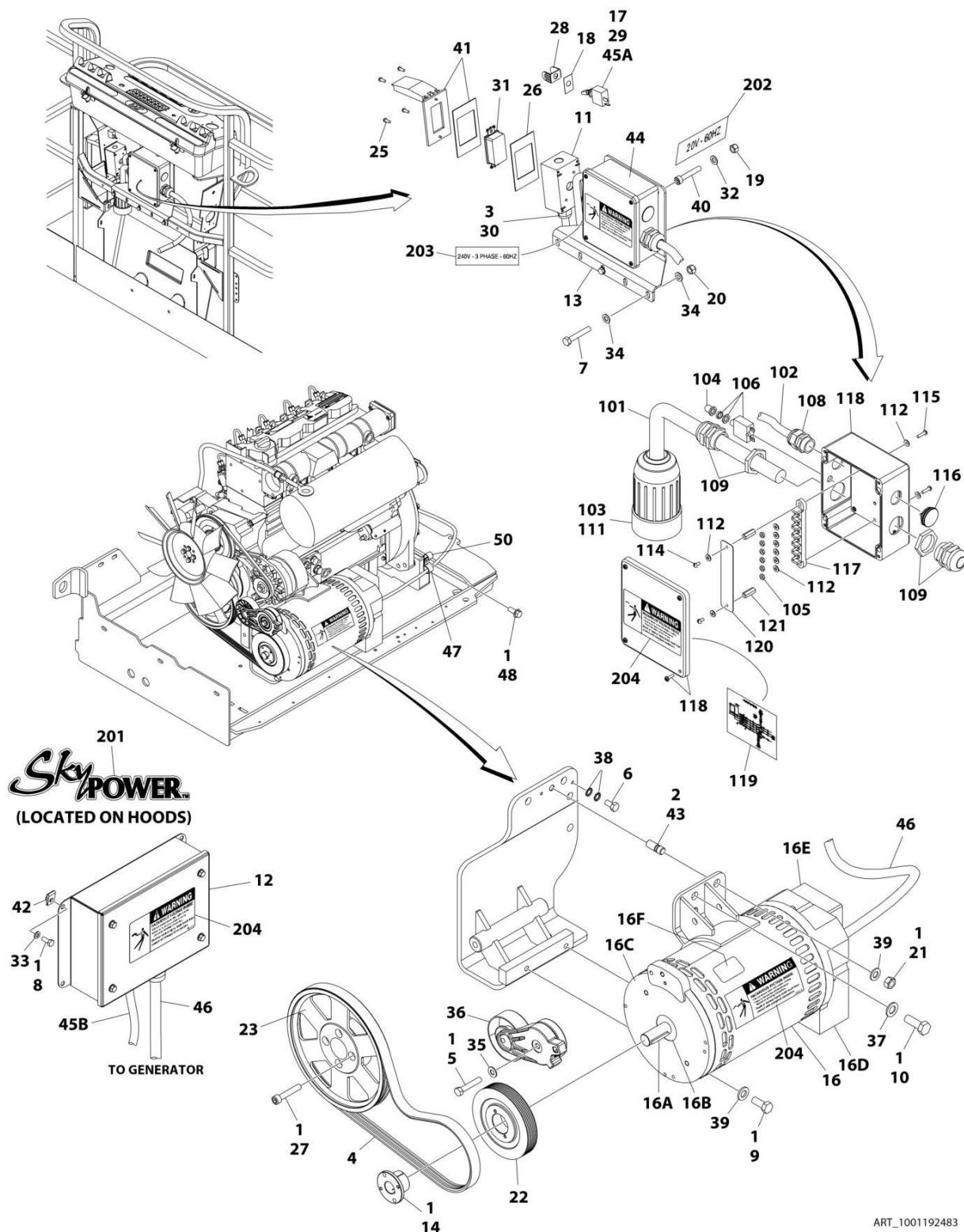
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192486	Ref	7500W SKYPOWER GENERATOR INSTALLATION	
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	1001141814	1	Belt	
4	0641618	1	Bolt 3/8 x 2-1/4	
5	0760606	1	Bolt M6 x 12	
6	0700819	2	Bolt M8 x 55	
7	0760608	4	Bolt M6 x 16	
8	0761212	2	Bolt M12 x 25	
9	0761415	1	Bolt M14 x 35	
10	0861572	1	Control Box Assembly	
10	7024488	1	Card, Circuit - Generator Power	
10	See Note	NSS	Fuse (Note: Not Available - Purchase Locally)	
10	7024489	1	Card, Circuit - Control	
10	70000619	1	Harness, Control Box (Internal)	
11	0902888	1	Bracket	
12	0962520	1	Bushing, Split	
14	2460048	1	Generator Assembly	
14	70001100	1	Rotor (Includes p/n 70001384 & 70000863) (Not Shown)	
14	70001384	1	Bearing, Ball Radial (Not Shown)	
14	70000863	1	Fan (Not Shown)	
14	70002088	1	Stator (Not Shown)	
14	70002297	1	Stud	
14	70003631	1	Brushholder Assembly (Not Shown)	
14A	70004171	1	Key	
14B	70001966	1	Bearing, Ball Radial (Located in Belt Tensioner Endbell)	
14B	70003708	1	Ring, Internal Retaining (Located in Belt Tensioner Endbell)	
14B	70003709	1	Ring, External Retaining (Located in Belt Tensioner Endbell)	
14C	70001953	1	Endbell, Belt Tensioner	
14D	70004169	1	Endbell, Brush Block	
14E	70004169	1	Shroud	
14E	See Note	NSS	Insulator, Endbell (Note: Not Available for Purchase)	
14E	7027799	1	Block, Connector 6 Position (Not Shown)	
14E	70002460	1	Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown)	
14E	7024485	1	Breaker, Circuit 30Amp (Not Shown)	
14E	70001696	1	Boot, Breaker (Not Shown)	
14E	7026626	1	Connector, 6 Position (Includes Seal) (Not Shown - Plugs into Item 39)	
14E	7026597	1	Connector, with Leads (Not Shown)	
14E	7026188	1	Clamp, Cable Options (Not Shown)	
14E	70004169	1	Plate, End Panel	
14E	70001974	1	Decal - Terminal Connections	
14F	70001973	1	Decal - Warning Moving Parts	
15	2820031	AR	Heat Shrink	
16	3252764	1	Nameplate - AC & Weld	
17	3290505	4	Nut M5	
18	3290805	2	Nut M8	
19	3291201	1	Nut M12	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
20	3580319	1	Pulley	
21	3580320	1	Pulley	
22	3580317	1	Tensioner, Belt	
23	4032015	4	Capscrew M10 x 55	
24	4060802	1	Guard, Switch	
25	4360336	1	Switch, Toggle	
26	4811602	4	Washer M5	
27	4811700	4	Washer M6	
28	4811900	4	Washer M8	
29	5241000	1	Washer M10	
31	5241400	1	Washer M14	
32	4871700	2	Washer M6	
33	5241200	3	Washer M12	
34	1001104029	4	Capscrew M5 x 30 Grade 12.9	
35	1001130220	4	Nut, Tinnerman M6	
36	1001196382	1	Stud	
37	1001157525	1	Junction Box Assembly (See Items 101-117 for Breakdown)	
38A	4922641	1	Generator Switch Harness	
38B	1001152429	1	Generator to Engine Harness (See Separate Breakdown in ELECTRICAL SECTION)	
39	4922925	1	Generator Harness (See Separate Breakdown in ELECTRICAL SECTION)	
40	5251012	1	Bolt M10 x 25	
41	7274000040	1	Clamp	
43	1320061	1	Clamp	
	1001157525	Ref	JUNCTION BOX ASSEMBLY	B
101	3300396	1	Cover, Fuse	
102	3311001	6	Nut #10	
103	3520189	1	Plug	
104	3520192	1	Plug	
105	4360070	1	Circuit Breaker - 15Amp	
106	4460425	1	Connector, Strain Relief	
107	4460426	2	Connector, Strain Relief	
109	4711000	10	Washer #10	
110	10702077	2	Screw #10 x 3/8	
111	10702082	2	Screw #10 x 3/4	
112	1001152525	1	Plug	
113	1001152520	1	Block, Terminal	
114	1001157521	1	Box, Junction	
115	1001157528	1	Decal - Wiring Schematic	
116	1001158007	1	Cover, PVC	
117	1001158008	2	Stand-Off	
	0272589	Ref	DECAL INSTALLATION	A
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. 7500W SKYPOWER GENERATOR INSTALLATION - 110/60HZ (DEUTZ D2011 ENGINES)
(OPTIONAL)



ART_1001192483

SECTION 3 - ENGINE

**FIGURE 3-55. 7500W SKYPOWER GENERATOR INSTALLATION - 110/60HZ (DEUTZ D2011 ENGINES)
(OPTIONAL)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192483	Ref	7500W SKYPOWER GENERATOR INSTALLATION	
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100079	AR	Sealant	
4	1001136356	1	Belt	
5	0641618	1	Bolt 3/8 x 2-1/4	
6	0760606	1	Bolt M6 x 12	
7	0700819	2	Bolt M8 x 55	
8	0760608	4	Bolt M6 x 16	
9	0761212	2	Bolt M12 x 25	
10	0761415	1	Bolt M14 x 35	
11	0860038	1	Box, Receptacle	
12	0861538	1	Control Box Assembly	
12	7024488	1	Card, Circuit - Generator Power	
12	See Note	NSS	Fuse (Note: Not Available - Purchase Locally)	
12	7024489	1	Card, Circuit - Control	
12	70000619	1	Harness, Control Box (Internal)	
13	0902888	1	Bracket	
14	0962520	1	Bushing, Split	
16	2460048	1	Generator Assembly	
16	70001100	1	Rotor (Includes p/n 70001384 & 70000863) (Not Shown)	
16	70001384	1	Bearing, Ball Radial (Not Shown)	
16	70000863	1	Fan (Not Shown)	
16	70002088	1	Stator (Not Shown)	
16	70002297	1	Stud	
16	70003631	1	Brushholder Assembly (Not Shown)	
16A	70004171	1	Key	
16B	70001966	1	Bearing, Ball Radial (Located in Belt Tensioner Endbell)	
16B	70003708	1	Ring, Internal Retaining (Located in Belt Tensioner Endbell)	
16B	70003709	1	Ring, External Retaining (Located in Belt Tensioner Endbell)	
16C	70001953	1	Endbell, Belt Tensioner	
16D	70004169	1	Endbell, Brush Block	
16E	70004169	1	Shroud	
16E	See Note	NSS	Insulator, Endbell (Note: Not Available for Purchase)	
16E	7027799	1	Block, Connector - 6 Position (Not Shown)	
16E	70002460	1	Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown)	
16E	7024485	1	Breaker, Circuit 30Amp (Not Shown)	
16E	70001696	1	Boot, Breaker (Not Shown)	
16E	7026626	1	Connector, 6 Position (Includes Seal) (Not Shown - Plugs into Item 39)	
16E	7026597	1	Connector, with Leads (Not Shown)	
16E	7026188	1	Clamp, Cable Options (Not Shown)	
16E	70004169	1	Plate, End Panel	
16E	70001974	1	Decal - Terminal Connections	
16F	70001973	1	Decal - Warning Moving Parts	
17	2820031	AR	Heat Shrink	
18	3252764	1	Nameplate - AC & Weld	
19	3290505	4	Nut M5	
20	3290805	2	Nut M8	

SECTION 3 - ENGINE

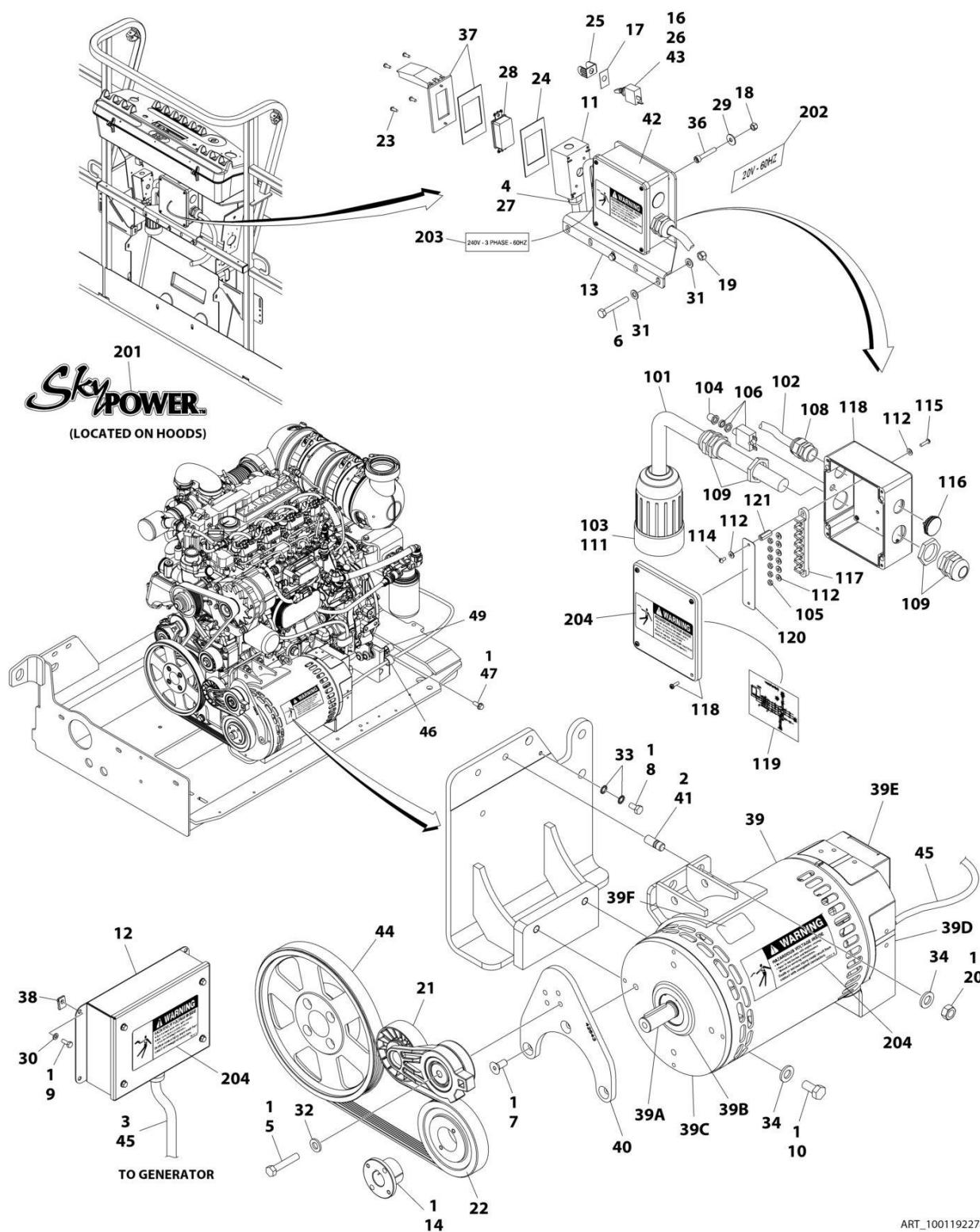
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
21	3291201	1	Nut M12	
22	3580318	1	Pulley	
23	3580320	1	Pulley	
25	3910606	4	Screw #6 x 3/8	
26	3960422	1	Gasket	
27	4032015	4	Capscrew M10 x 55	
28	4060802	1	Guard, Switch	
29	4360336	1	Switch, Toggle	
30	4460071	1	Connector, Strain Relief	
31	4460346	1	Receptacle	
32	4811602	4	Washer M5	
33	4811700	4	Washer M6	
34	4811900	4	Washer M8	
35	5241000	1	Washer M10	
36	3580317	1	Tensioner, Belt	
37	5241400	1	Washer M14	
38	4871700	2	Washer M6	
39	5241200	3	Washer M12	
40	1001104029	4	Capscrew M5 x 30 Grade 12.9	
41	1001110873	1	Cover	
42	1001130220	4	Nut, Tinnerman M6	
43	1001196382	1	Stud	
44	1001157592	1	Junction Box Assembly (See Items 101-121 for Breakdown)	
45A	4922641	1	Generator Switch Harness	
45B	1001152429	1	Generator to Engine Harness (See Separate Breakdown in ELECTRICAL SECTION)	
46	4922925	1	Generator Harness (See Separate Breakdown in ELECTRICAL SECTION)	
47	7274000040	1	Clamp	
48	5251012	1	Bolt M10 x 25	
50	1320061	1	Clamp	
	1001157592	Ref	JUNCTION BOX ASSEMBLY	C
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	
112	4711000	10	Washer #10	
114	10702077	2	Screw #10 x 3/8	
115	10702082	2	Screw #10 x 3/4	
116	1001152525	1	Plug	
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	

SECTION 3 - ENGINE

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

SECTION 3 - ENGINE

FIGURE 3-56. 7500W SKYPOWER GENERATOR INSTALLATION - 110V/60HZ (DEUTZ TD2.9L4 ENGINES) (OPTIONAL)



ART_1001192278

SECTION 3 - ENGINE

FIGURE 3-56. 7500W SKYPOWER GENERATOR INSTALLATION - 110V/60HZ (DEUTZ TD2.9L4 ENGINES) (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192278	Ref	7500W SKYPOWER GENERATOR INSTALLATION	
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100048	AR	Compound Terminal	
4	0100079	AR	Sealant	
5	0641616	1	Bolt 3/8 x 2	
6	0700819	2	Bolt M8 x 55	
7	0741607	3	Screw 3/8 x 7/8	
8	0760606	1	Bolt M6 x 12	
9	0760608	4	Bolt M6 x 16	
10	0761212	2	Bolt M12 x 25	
11	0860038	1	Box, Receptacle	
12	0861538	1	Control Box Assembly	
12	7024488	1	Card, Circuit - Generator Power	
12	See Note	NSS	Fuse (Note: Not Available - Purchase Locally)	
12	7024489	1	Card, Circuit - Control	
12	70000619	1	Harness, Control Box (Internal)	
		Ref	Note: Same Circuit Card (P/N 7024489) is used for both 60Hz and 50Hz. When replacing card, rocker switch on card must be set for required application.	
13	0902888	1	Bracket	
14	0962520	1	Bushing, Split	
16	2820031	AR	Heat Shrink	
17	3252764	1	Nameplate - AC & Weld	
18	3290505	4	Nut M5	
19	3290805	2	Nut M8	
20	3291201	2	Nut M12	
21	3580317	1	Tensioner, Belt	
22	3580318	1	Pulley	
23	3910606	4	Screw #6 x 3/8	
24	3960422	1	Gasket	
25	4060802	1	Guard, Switch	
26	4360336	1	Switch, Toggle	
27	4460071	1	Connector, Strain Relief	
28	4460346	1	Receptacle	
29	4811602	4	Washer M5	
30	4811700	4	Washer M6	
31	4811900	4	Washer M8	
32	5241000	1	Washer M10	
33	4871700	2	Washer M6	
34	5241200	4	Washer M12	
36	1001104029	1	Capscrew M5 x 30 Grade 12.9	
37	1001110873	1	Cover	
38	1001130220	4	Nut, Tinnerman M6	
39	1001212223	1	Generator Assembly	
39	70001100	1	Rotor (Includes p/n 70001384 & 70000863) (Not Shown)	
39	70001384	1	Bearing, Ball Radial (Not Shown)	
39	70000863	1	Fan (Not Shown)	

SECTION 3 - ENGINE

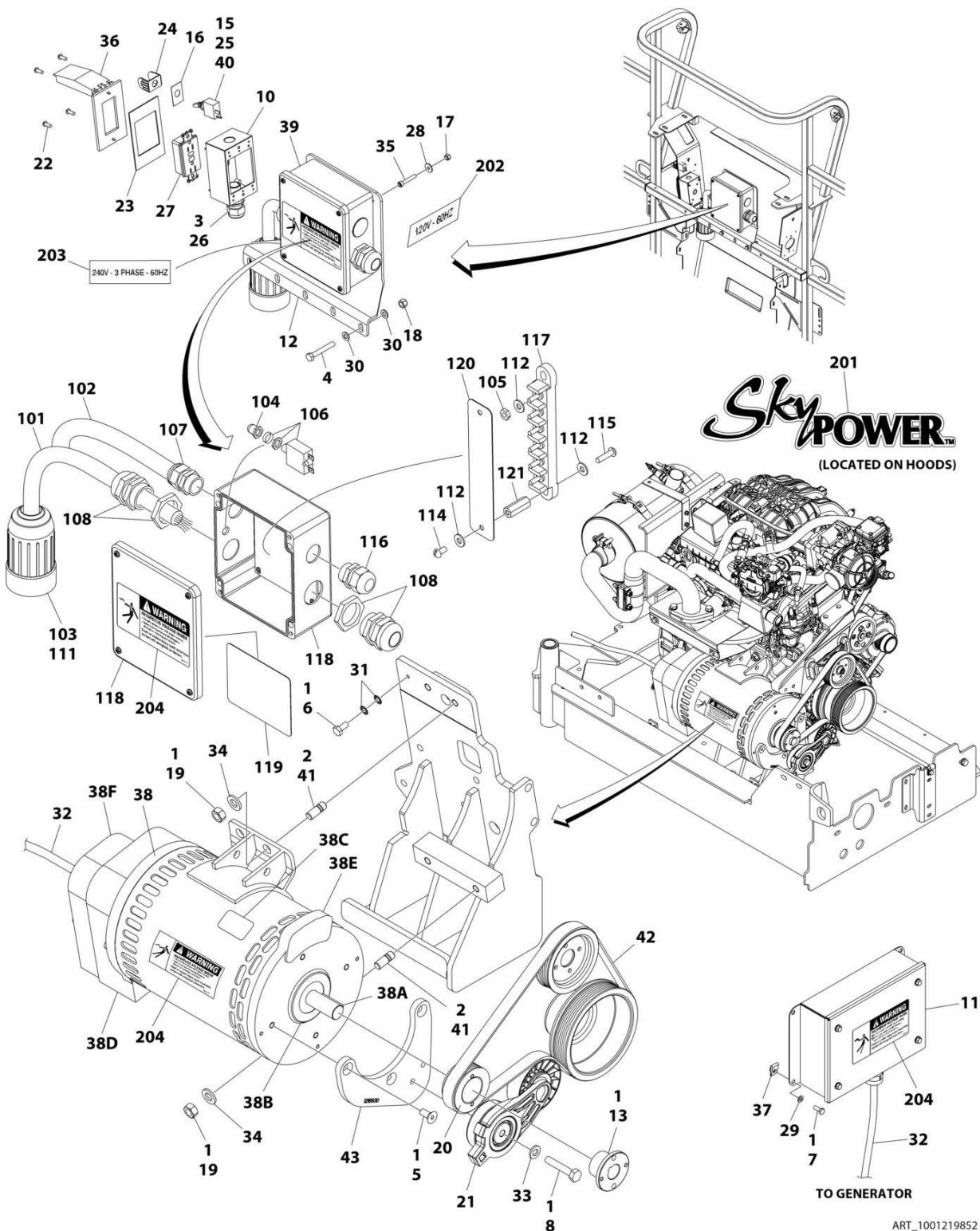
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
39	70006093	1	Stator (Not Shown)	
39	70002297	1	Stud	
39	70003631	1	Brushholder Assembly (Not Shown) (was p/n 7024484)	
39A	70004099	1	Key	
39B	70001966	1	Bearing, Ball Radial (Located in Belt Tensioner Endbell)	
39B	70003708	1	Ring, Internal Retaining (Located in Belt Tensioner Endbell)	
39B	70003709	1	Ring, External Retaining (Located in Belt Tensioner Endbell)	
39C	70004092	1	Endbell, Belt Tensioner	
39D	70004094	1	Endbell, Brush Block	
39E	70006094	1	Shroud	
39E	70002291	1	Insulator, Endbell	
39E	7027799	1	Block, Connector - 6 Position (Not Shown)	
39E	70002460	1	Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown)	
39E	70006095	1	Breaker, Circuit 30Amp (Not Shown)	
39E	70006096	1	Boot, Breaker (Not Shown)	
39E	7026626	1	Connector, 6 Position (Includes Seal) (Not Shown - Plugs into Item 45)	
39E	7026597	1	Connector with Leads (Not Shown)	
39E	70004098	1	Clamp, Cable (Not Shown)	
39E	70006097	1	Plate, End Panel	
39E	70001974	1	Decal - Terminal Connections	
39F	70001973	1	Decal - Warning Moving Parts	
40	1001142643	1	Support	
41	1001196382	2	Stud	
42	1001157592	1	Junction Box Assembly (See Items 101-121 for Breakdown)	
43	4922641	1	Generator Switch Harness	
44	1001142646	1	Belt	
45	4922925	1	Generator Harness (See Separate Breakdown in ELECTRICAL SECTION)	
46	7274000040	1	Clamp	
47	5251012	1	Bolt M10 x 25	
49	1320061	1	Clamp	
	1001157592	Ref	JUNCTION BOX ASSEMBLY	C
101	1060343	1.5 ft/ 0.5m	Cable, Electrical 10/4	
102	1001179154	2.5 ft/ 76cm	Cable, Electrical 12/3	
103	1671092	1	Cover, Connector	
104	3300396	1	Cover, Fuse	
105	3311001	6	Nut #10	
106	4360070	1	Circuit Breaker - 15Amp	
108	4460425	1	Connector, Strain Relief	
109	4460426	2	Connector, Strain Relief	
111	4460963	1	Connector	
112	4711000	4	Washer #10	
114	10702077	2	Screw #10 x 3/8	
115	10702082	2	Screw #10 x 3/4	
116	1001152525	1	Plug	
117	1001157520	1	Block, Terminal	
118	1001157521	1	Box, Junction	
119	1001157528	1	Decal - Wiring Schematic	
120	1001158007	1	Cover, PVC	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
121	1001158008 0272435	1 Ref	Stand-Off DECAL INSTALLATION	
201	1705460	2	Decal - SkyPower	D
202	3251243	1	Decal - 120V-60Hz	
203	1705375	1	Decal - 240V - 3 Phase - 60Hz	
204	1705387	3	Decal - Hazardous Voltage	

SECTION 3 - ENGINE

FIGURE 3-57. 7500W SKYPOWER GENERATOR INSTALLATION - 110V/60HZ (FORD ENGINES) (OPTIONAL)



ART_1001219852

SECTION 3 - ENGINE

**FIGURE 3-57. 7500W SKYPOWER GENERATOR INSTALLATION - 110V/60HZ (FORD ENGINES)
(OPTIONAL)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219852	Ref	7500W SKYPOWER GENERATOR INSTALLATION	
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100079	AR	Sealant	
4	0700819	2	Bolt M8 x 55	
5	0741607	3	Screw 3/8 x 7/8	
6	0760606	1	Bolt M6 x 12	
7	0760608	4	Bolt M6 x 16	
8	0761019	1	Bolt M10 x 55	
10	0860038	1	Box, Receptacle	
11	0861538	1	Control Box Assembly	
11	7024488	1	Card, Circuit - Generator Power	
11	See Note	NSS	Fuse (Note: Not Available - Purchase Locally)	
11	7024489	1	Card, Circuit - Control	
11	70000619	1	Harness, Control Box (Internal)	
12	0902888	1	Bracket	
13	0962520	1	Bushing, Split	
15	2820031	AR	Heat Shrink	
16	3252764	1	Nameplate - AC & Weld	
17	3290505	4	Nut M5	
18	3290805	2	Nut M8	
19	3291201	4	Nut M12	
20	3580314	1	Pulley	
21	3580317	1	Tensioner, Belt	
22	3910606	4	Screw #6 x 3/8	
23	3960422	1	Gasket	
24	4060802	1	Guard, Switch	
25	4360336	1	Switch, Toggle	
26	4460071	1	Connector, Strain Relief	
27	4460346	1	Receptacle	
28	4811602	4	Washer M5	
29	4811700	4	Washer M6	
30	4811900	4	Washer M8	
31	4871700	2	Washer M6	
32	4922925	1	Generator Harness (See Separate Breakdown in ELECTRICAL SECTION)	
33	5241000	1	Washer M10	
34	5241200	4	Washer M12	
35	1001104029	4	Capscrew M5 x 30 Grade 12.9	
36	1001110873	1	Cover	
37	1001130220	4	Nut, Tinerman M6	
38	1001136104	1	Generator Assembly	
38	70003631	1	Brushholder Assembly (Not Shown) (was p/n 7024484)	
38	7024485	1	Breaker, Circuit 30Amp (Not Shown)	
38	70001696	1	Boot, Breaker (was p/n 7024486 - Not Shown)	
38	70001966	1	Bearing, Ball Radial (Located in Belt Tensioner Endbell - Not Shown)	
38	7027799	1	Block, Connector - 6 Position (Not Shown)	
38	70002460	6	Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown)	

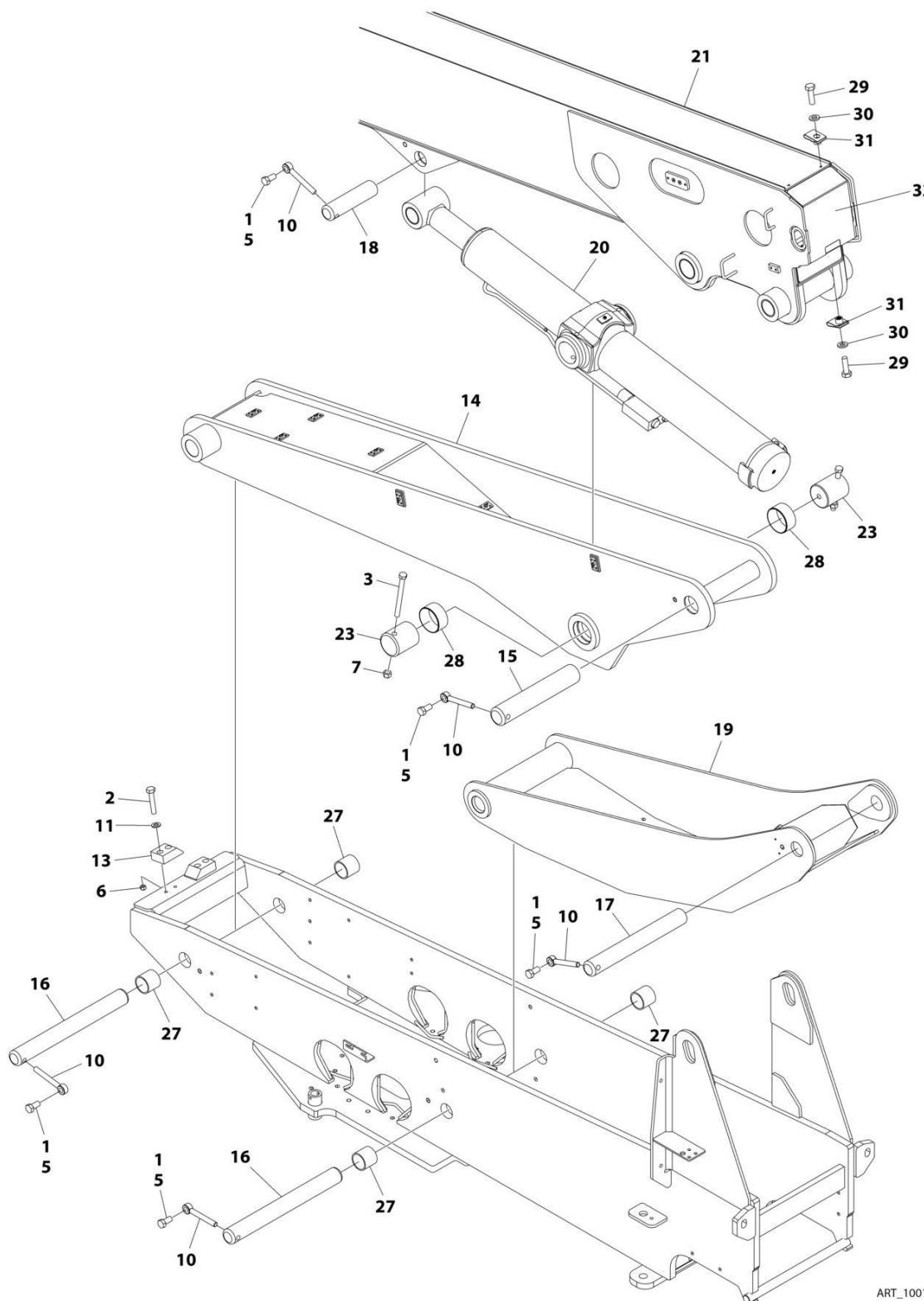
SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
38	7026188	1	Clamp, Cable (Not Shown)	
38	7026597	1	Connector, with Leads (Not Shown)	
38	7026626	1	Connector - 6 Position with Seal (Not Shown)	
38	70002088	1	Stator (Not Shown)	
38	70004169	1	Panel, End (Not Shown) (was p/n 70002255)	
38	70001974	1	Decal - Terminal Connections (Not Shown)	
38	70000863	1	Fan (Not Shown)	
38	70002297	4	Stud (Not Shown)	
38A	70004171	1	Key (was p/n 7024561)	
38A	70001100	1	Armature, Generator (Includes Radial Ball Bearing on End with Brushes and Fan)	
38A	70001384	1	Bearing, Ball Radial	
38B	70001966	1	Bearing, Radial Ball	
38B	70003708	1	Ring, Internal Retaining (Located in Belt Tensioner Endbell)	
38B	70003709	1	Ring, External Retaining (Located in Belt Tensioner Endbell)	
38C	70001973	1	Decal - Warning Moving Parts	
38D	70004169	1	Endbell, Brush Block (was p/n 70001385)	
38E	70001953	1	Endbell, Belt Tensioner	
38F	70004169	1	Endbell, Shroud Assembly (was p/n 70002290)	
39	1001157592	1	Junction Box Assembly (See Items 101-121 for Breakdown)	
40	4922641	1	Generator Switch Harness	
41	1001196382	4	Stud	
42	1001216390	1	Belt	
43	1001218930	1	Mount	
	1001157592	Ref	JUNCTION BOX ASSEMBLY	C
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, Connector	
104	3300396	1	Cover, Fuse	
105	3311001	6	Nut #10	
106	4360070	1	Breaker, Circuit 15Amp	
107	4460425	1	Connector, Strain Relief	
108	4460426	2	Connector, Strain Relief	
111	4460963	1	Receptacle	
112	4711000	10	Washer #10	
114	10702077	2	Screw #10 x 3/8	
115	10702082	2	Screw #10 x 3/4	
116	1001152525	1	Plug, Hole	
117	1001157520	1	Block, Terminal Pole	
118	1001157521	1	Box, Junction	
119	1001157528	1	Decal - Box Junction	
120	1001158007	1	Cover	
121	1001158008	2	Stand-Off	
	0272435	Ref	DECAL INSTALLATION	D
201	1705460	2	Decal - SkyPower	
202	3251243	1	Decal - 120V/60Hz (Located on Opposite Side)	
203	1705375	1	Decal - 240V - 3 Phase	
204	1705387	3	Decal - Hazardous Voltage	

SECTION 4 - BOOM

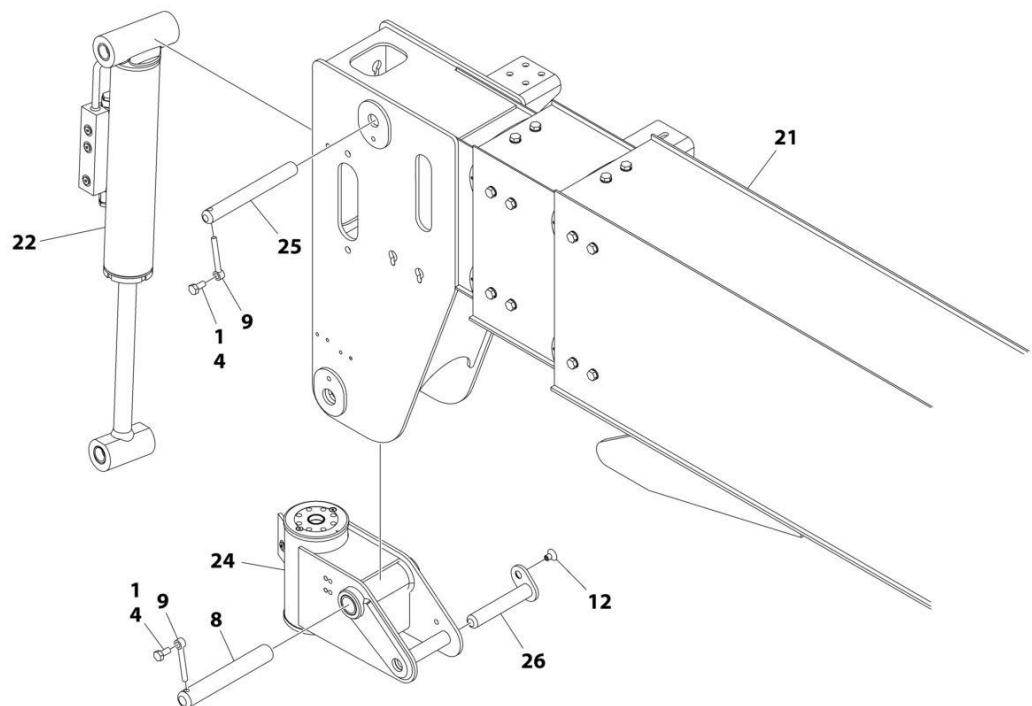
SECTION 4 - BOOM

FIGURE 4-1. BOOM INSTALLATION - 600S



ART_1001180884_1OF2

SECTION 4 - BOOM



ART_1001180884_2OF2

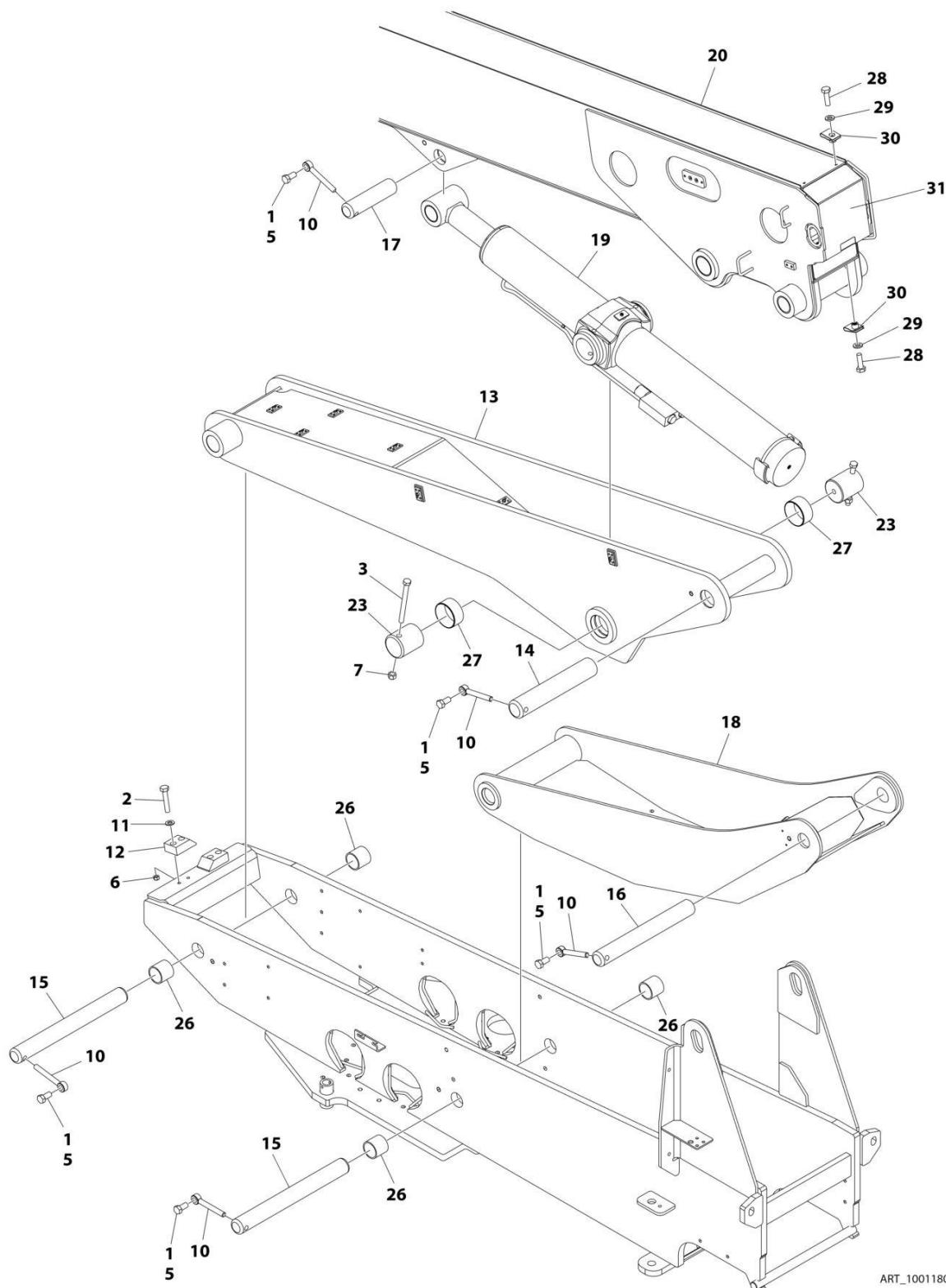
SECTION 4 - BOOM

FIGURE 4-1. BOOM INSTALLATION - 600S

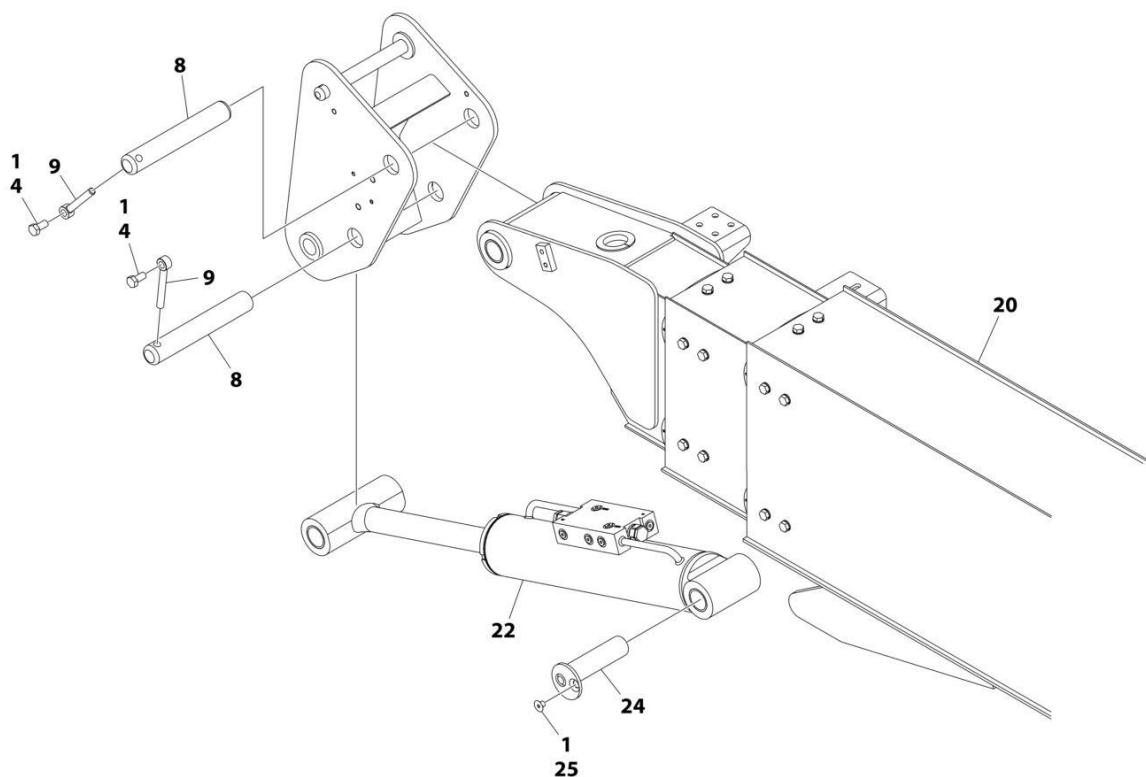
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180884	Ref	BOOM INSTALLATION	
1	0100011	AR	Compound, Locking	
2	0701019	4	Bolt M10 x 55	
3	0711635	2	Bolt M16 x 180	
4	0761011	2	Bolt M10 x 22	
5	0762016	5	Bolt M20 x 40	
6	3291005	4	Nut M10	
7	3291605	2	Nut M16	
8	3422582	1	Pin	
9	3841143	2	Keeper, Pin	
10	3841287	5	Keeper, Pin	
11	4812000	4	Washer M10	
12	1001137032	1	Screw M10 x 16	
13	1001138459	2	Pad	
14	1001174231	1	Link	
15	1001174250	1	Pin	
16	1001174252	2	Pin	
17	1001174253	1	Pin	
18	1001174254	1	Pin	
19	1001174256	1	Link	
20	1001184500	1	Lift Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
21	1001180883	1	Boom Assembly (See Separate Breakdown in CYLINDER SECTION)	
22	1001184954	1	Level Cylinder Assembly - Platform Slave (See Separate Breakdown in CYLINDER SECTION)	
23	1001183926	2	Pin	
24	1001187348	1	Platform Rotator Assembly (See Separate Breakdown in this Section)	
25	1001192910	1	Pin	
26	1001192991	1	Pin	
27	0962423	4	Bearing	
28	1001174251	2	Bearing	
29	0760610	4	Bolt M6 x 20	
30	4811700	4	Washer M6	
31	1001130220	4	Nut, Tinnerman M6	
32	1001228177	1	Cover	

SECTION 4 - BOOM

FIGURE 4-2. BOOM INSTALLATION - 660SJ



SECTION 4 - BOOM



ART_1001180885_2OF2

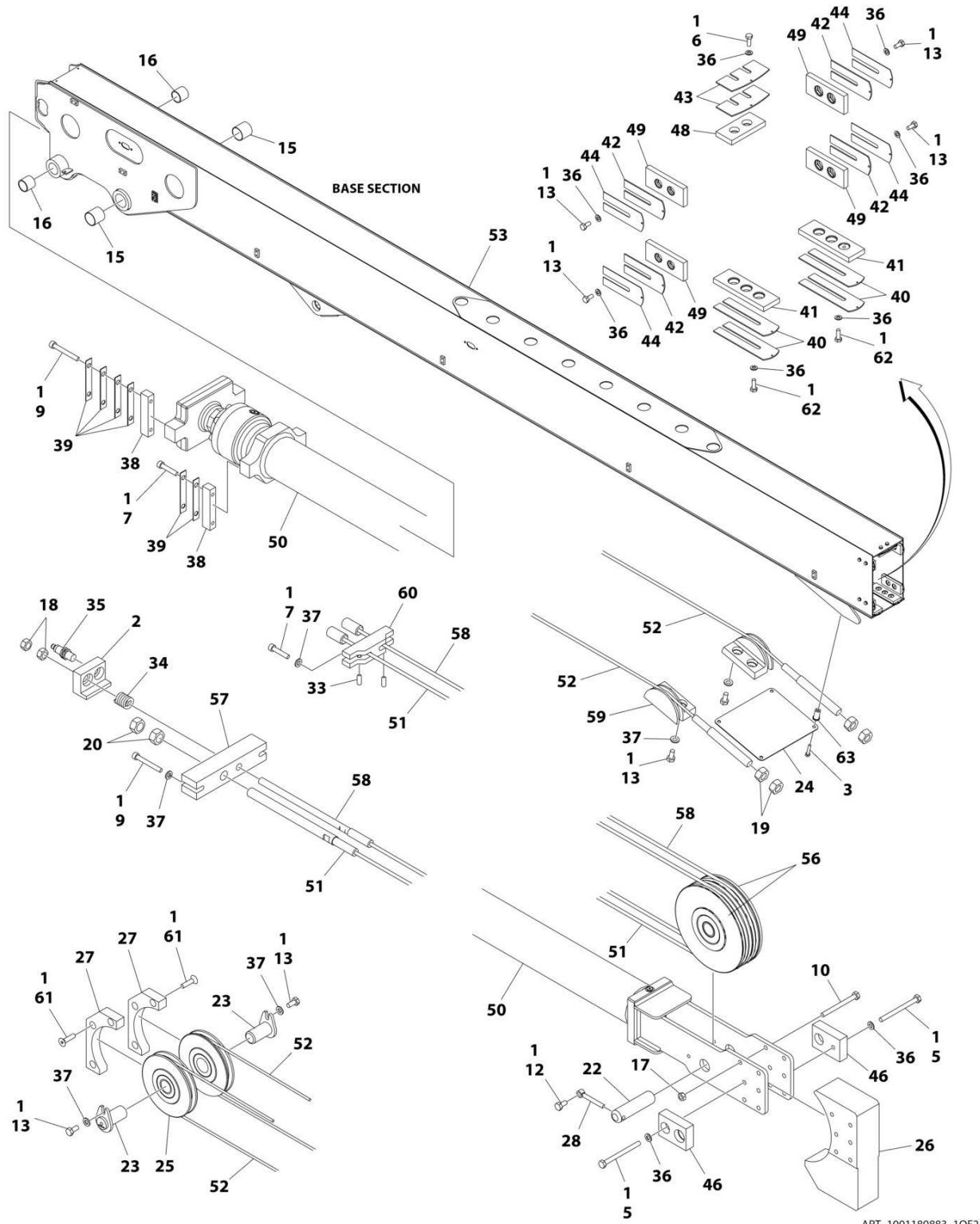
SECTION 4 - BOOM

FIGURE 4-2. BOOM INSTALLATION - 660SJ

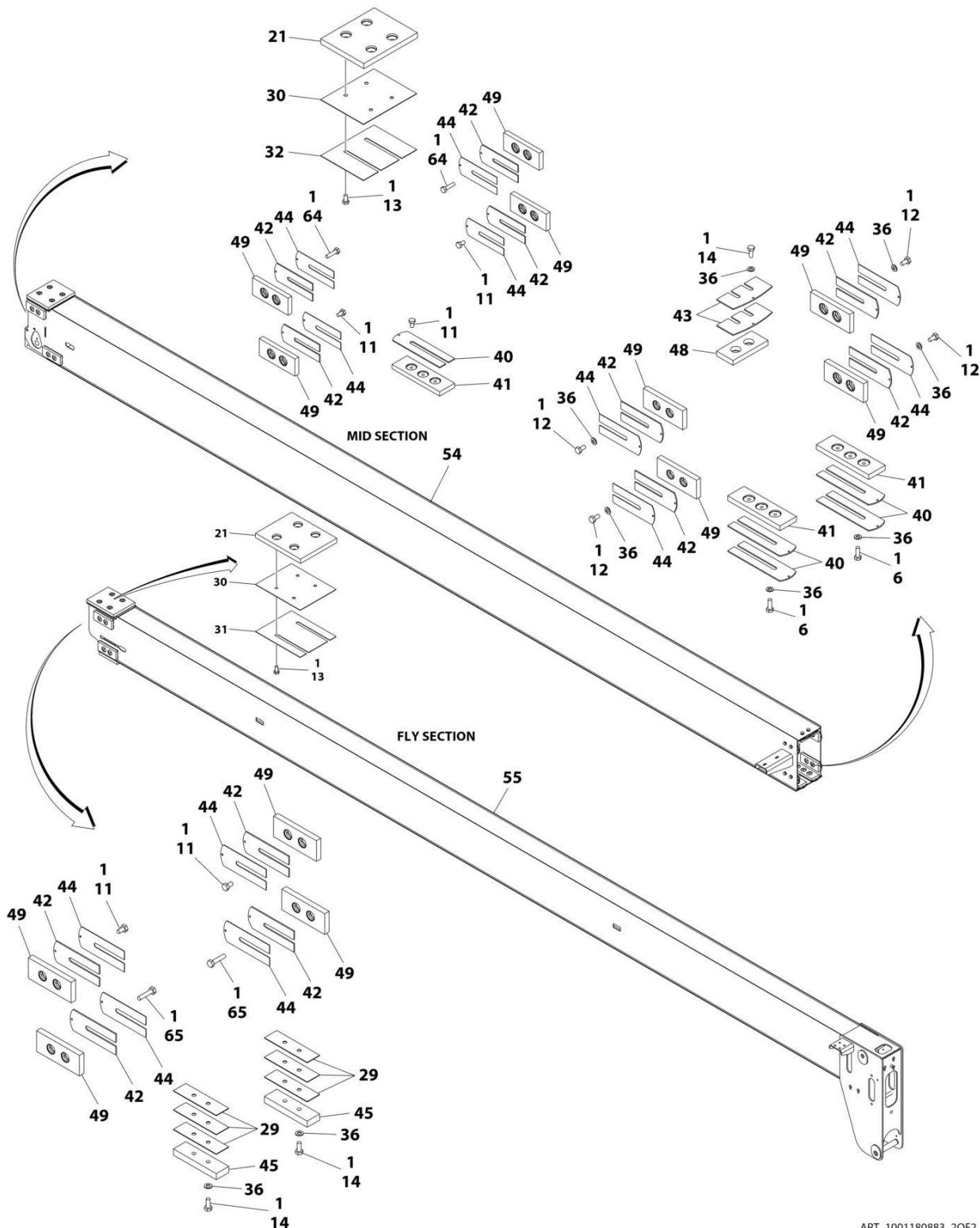
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180885	Ref	BOOM INSTALLATION	
1	0100011	AR	Compound, Locking	
2	0701019	4	Bolt M10 x 55	
3	0711635	2	Bolt M16 x 180	
4	0761212	2	Bolt M12 x 25	
5	0762016	5	Bolt M20 x 40	
6	3291005	4	Nut M10	
7	3291605	2	Nut M16	
8	3422793	2	Pin	
9	3841203	2	Keeper, Pin	
10	3841287	5	Keeper, Pin	
11	4812000	4	Washer M10	
12	1001138459	2	Pad	
13	1001174231	1	Link	
14	1001174250	1	Pin	
15	1001174252	2	Pin	
16	1001174253	1	Pin	
17	1001174254	1	Pin	
18	1001174256	1	Link	
19	1001184500	1	Lift Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
20	1001176217	1	Boom Assembly (See Separate Breakdown in this Section)	
22	1001184957	1	Level Cylinder Assembly - Platform Slave (See Separate Breakdown in CYLINDER SECTION)	
23	1001183926	2	Pin	
24	1001192052	1	Pin	
25	1001192027	1	Screw M10 x 12	
26	0962423	4	Bearing	
27	1001174251	2	Bearing	
28	0760610	4	Bolt M6 x 20	
29	4811700	4	Washer M6	
30	1001130220	4	Nut - Tinnerman M6	
31	1001228177	1	Cover	

SECTION 4 - BOOM

FIGURE 4-3. BOOM ASSEMBLY - 600S



SECTION 4 - BOOM



ART_1001180883_20F2

SECTION 4 - BOOM

FIGURE 4-3. BOOM ASSEMBLY - 600S

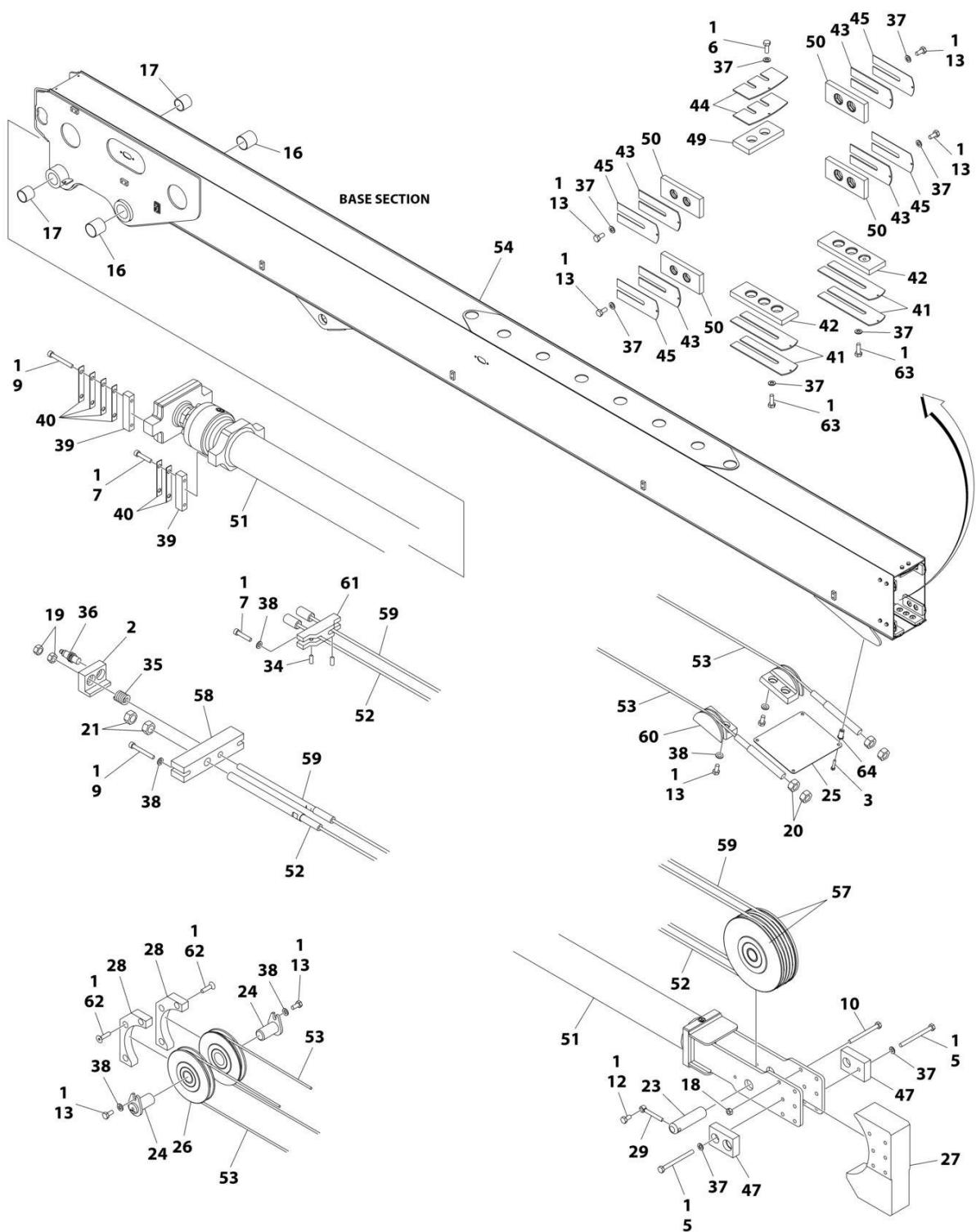
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180883	Ref	BOOM ASSEMBLY	
1	0100011	AR	Compound, Locking	
2	0561508	1	Block	
3	0760614	4	Bolt M6 x 30	
5	0701029	2	Bolt M10 x 120	
6	0701013	8	Bolt M10 x 28	
7	4032014	6	Capscrew M10 x 50	
9	4032020	6	Capscrew M10 x 80	
10	0701028	4	Bolt M10 x 110	
11	0761009	10	Bolt M10 x 18	
12	0761010	9	Bolt M10 x 20	
13	0761011	22	Bolt M10 x 22	
14	0761012	6	Bolt M10 x 25	
15	0962033	2	Bushing	
16	0962423	2	Bearing	
17	3291001	4	Nut M10	
18	3291601	2	Nut M16	
19	3292001	4	Nut M20	
20	3292201	2	Nut M22	
21	1001191385	2	Pad, Wear	
22	3422417	1	Pin	
23	3422424	2	Pin	
24	3539622	1	Cover	
25	3580243	2	Sheave, Retract	
25	0961951	2	Bushing (1 Per Sheave)	
26	3580248	1	Guard, Sheave (Extend)	
27	3580249	1	Guard, Sheave (Retract)	
28	3841143	1	Keeper, Pin	
29	4070895	6	Shim 16Ga	
30	4070896	2	Shim .06	
31	4070939	1	Shim 16Ga	
32	4070940	1	Shim 16Ga	
33	4092009	2	Setscrew M10 x 25	
34	4160149	1	Spring	
35	1001214831	1	Switch, Proximity	
36	4812000	38	Washer M10	
37	5241000	10	Washer M10	
38	1001135488	4	Block	
39	1001136571	12	Shim 16Ga	
40	1001136575	9	Shim 11Ga	
41	1001136583	5	Pad, Wear	
42	1001136592	16	Shim 11Ga	
43	1001138436	4	Shim 11Ga	
44	1001143713	16	Shim 18Ga	
45	1001148650	2	Pad, Wear	
46	1001191384	2	Pad, Wear	
48	1001136587	2	Pad, Wear	
49	1001153398	16	Pad, Wear	
50	1001175850	NLA	Telescope Cylinder Assembly (Use p/n 1001251079) (See Separate Breakdown in CYLINDER SECTION) (SN 0300235168)	

SECTION 4 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	1001228079	NLA	through 0300237156, SN B300002655 through B300002781) Telescope Cylinder Assembly (Use p/n 1001251079) (See Separate Breakdown in CYLINDER SECTION) (SN 0300237157 through 0300250001, SN B300002782 through B300003104)	
50	1001251079	1	Telescope Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION) (SN 0300250002 to Present, SN B300003105 to Present)	
51	1001175998	1	Rope, Wire (Extend)	
52	1001175999	2	Rope, Wire (Retract)	
53	1001176208	1	Base, Boom	
54	1001176212	1	Mid, Boom	
55	1001180882	1	Fly, Boom	
56	1001184913	2	Sheave, Extend	
56	1001184918	2	Bushing (1 Per Sheave)	
56	1001184917	2	Sleeve, Bronze (1 Per Sheave)	
56	1001184915	2	Ring, Retaining (1 Per Sheave)	
57	1001186541	1	Block	
58	1001189859	1	Rope, Wire (Extend)	
59	1001191048	2	Sheave, Block	
60	1001191202	1	Block	
61	1001191205	6	Screw M10 x 40	
62	0761014	6	Bolt M10 x 30	
63	1001203719	4	Wellnut M6	
64	0761016	4	Bolt M10 x 40	
65	0761017	4	Bolt M10 x 45	

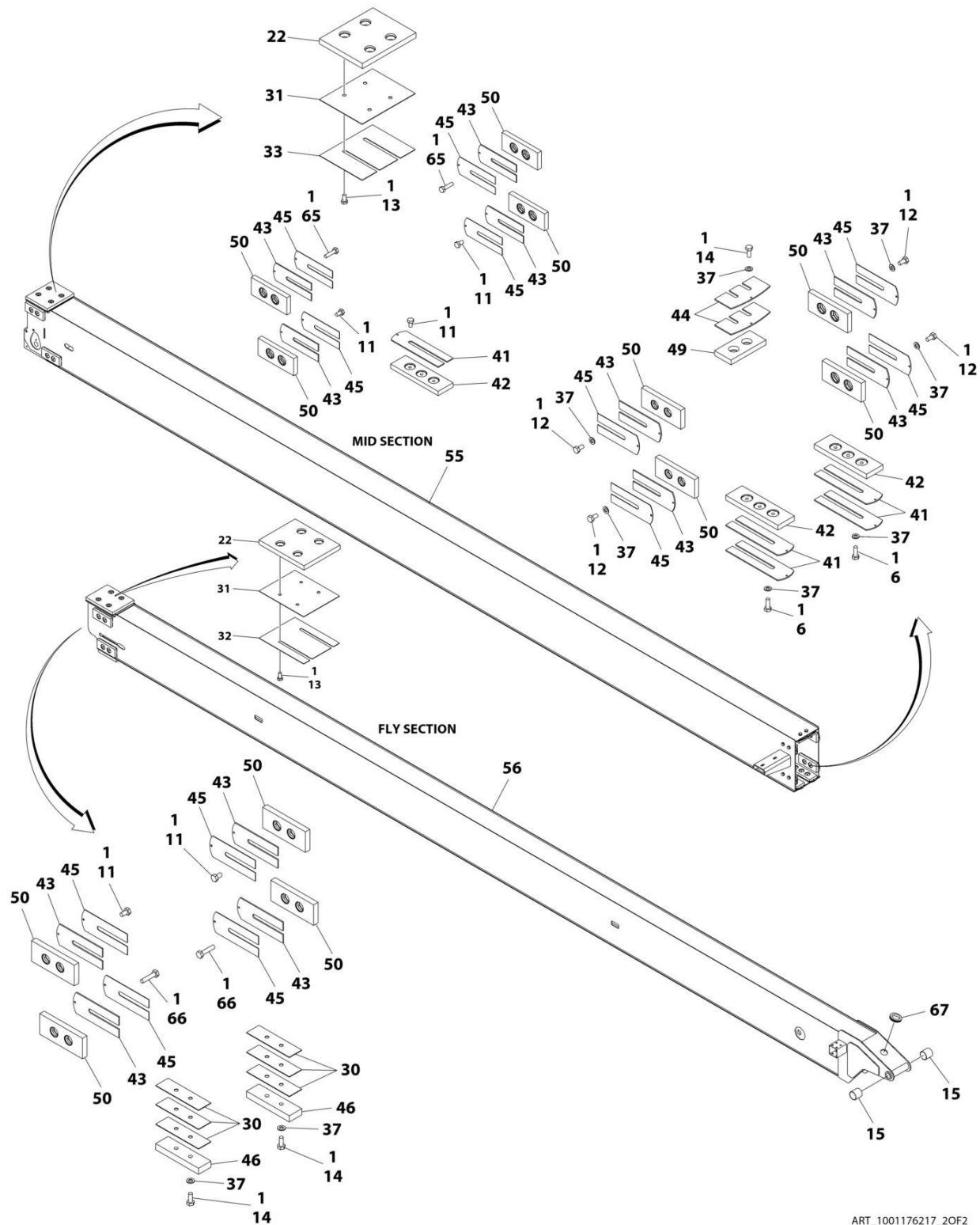
SECTION 4 - BOOM

FIGURE 4-4. BOOM ASSEMBLY - 660SJ



ART_1001176217_1OF2

SECTION 4 - BOOM



ART_1001176217_2OF2

SECTION 4 - BOOM

FIGURE 4-4. BOOM ASSEMBLY - 660SJ

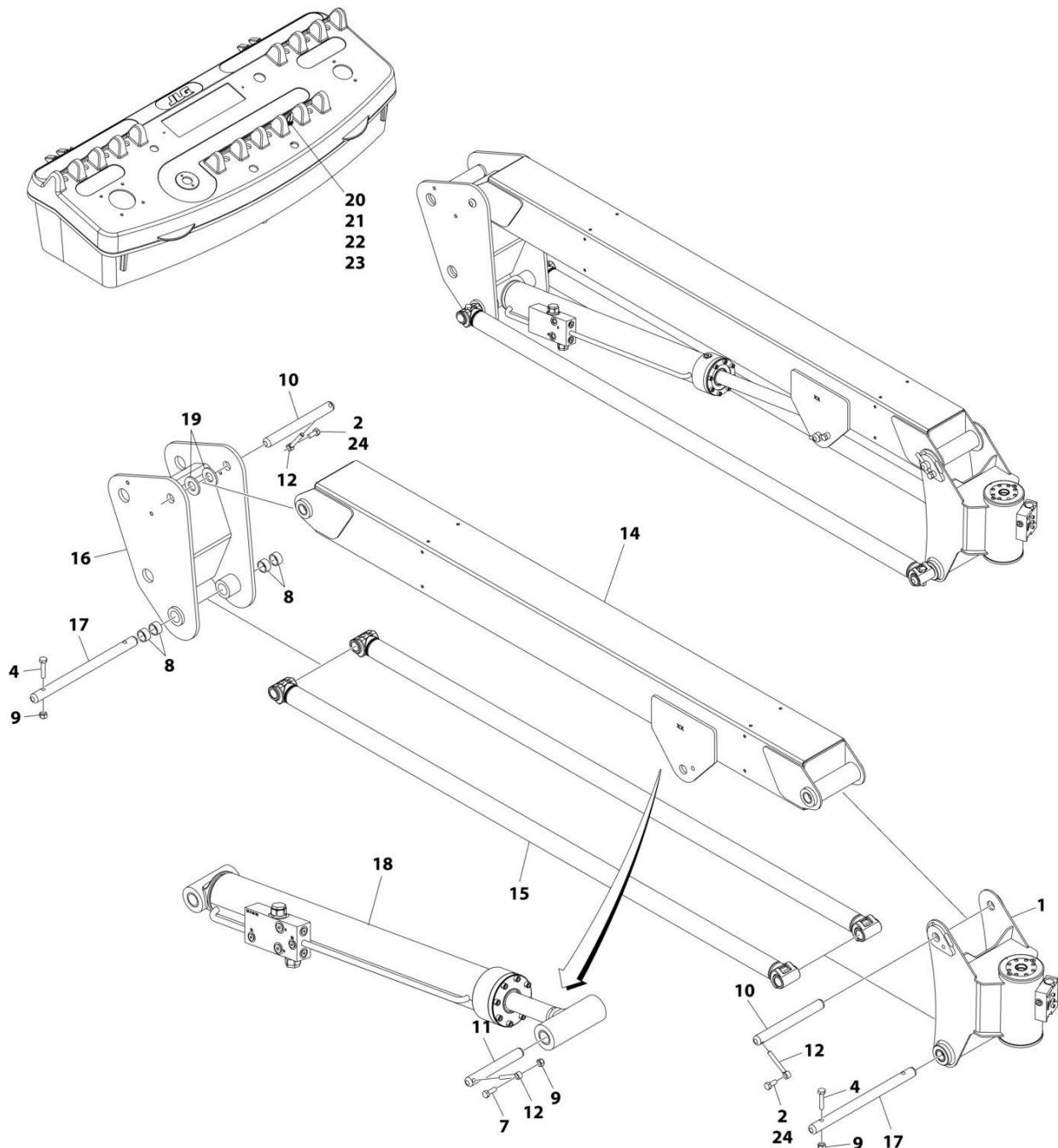
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176217	Ref	BOOM ASSEMBLY	
1	0100011	AR	Compound, Locking	
2	0561508	1	Block	
3	0760614	4	Bolt M6 x 30	
5	0701029	2	Bolt M10 x 120	
6	0701013	8	Bolt M10 x 28	
7	4032014	6	Capscrew M10 x 50	
9	4032020	6	Capscrew M10 x 80	
10	0701028	4	Bolt M10 x 110	
11	0761009	10	Bolt M10 x 18	
12	0761010	9	Bolt M10 x 20	
13	0761011	22	Bolt M10 x 22	
14	0761012	6	Bolt M10 x 25	
15	0961948	2	Bearing	
16	0962033	2	Bushing	
17	0962423	2	Bearing	
18	3291001	4	Nut M10	
19	3291601	2	Nut M16	
20	3292001	4	Nut M20	
21	3292201	2	Nut M22	
22	1001191385	2	Pad, Wear	
23	3422417	1	Pin	
24	3422424	2	Pin	
25	3539622	1	Cover	
25	0961951	2	Bushing (1 Per Sheave)	
26	3580243	2	Sheave, Retract	
27	3580248	1	Guard, Sheave (Extend)	
28	3580249	2	Guard, Sheave (Retract)	
29	3841143	1	Keeper, Pin	
30	4070895	6	Shim 16Ga	
31	4070896	2	Shim .06	
32	4070939	1	Shim 16Ga	
33	4070940	1	Shim 16Ga	
34	4092009	2	Setscrew M10 x 25	
35	4160149	1	Spring	
36	1001214831	1	Switch, Proximity	
37	4812000	38	Washer M10	
38	5241000	10	Washer M10	
39	1001135488	4	Block	
40	1001136571	12	Shim 16Ga	
41	1001136575	9	Shim 11Ga	
42	1001136583	5	Pad, Wear	
43	1001136592	16	Shim 11Ga	
44	1001138436	4	Shim 11Ga	
45	1001143713	16	Shim 18Ga	
46	1001148650	2	Pad, Wear	
47	1001191384	2	Pad, Wear	
49	1001136587	2	Pad, Wear	
50	1001153398	16	Pad, Wear	
51	1001175850	NLA	Telescope Cylinder Assembly (Use p/n 1001251079) (See	L

SECTION 4 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
51	1001228079	NLA	Separate Breakdown in CYLINDER SECTION) (SN 0300235168 through 0300237156, SN B300002655 through B300002781) Telescope Cylinder Assembly (Use p/n 1001251079) (See Separate Breakdown in CYLINDER SECTION) (SN 0300237157 through 0300250001, SN B300002782 through B300003104)	
51	1001251079	1	Telescope Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION) (SN 0300250002 to Present, SN B300003105 to Present)	
52	1001175998	1	Rope, Wire (Extend)	
53	1001175999	2	Rope, Wire (Retract)	
54	1001176208	1	Base, Boom	
55	1001176212	1	Mid, Boom	
56	1001176216	1	Fly, Boom	
57	1001184913	2	Sheave, Extend	
57	1001184918	2	Bushing (1 per Sheave)	
57	1001184917	2	Sleeve, Bronze (1 per Sheave)	
57	1001184915	2	Ring, Retaining (1 per Sheave)	
58	1001186541	1	Block	
59	1001189859	1	Rope, Wire (Extend)	
60	1001191048	2	Sheave, Block	
61	1001191202	1	Block	
62	1001191205	6	Screw M10 x 40	
63	0761014	6	Bolt M10 x 30	
64	1001203719	4	Wellnut M6	
65	0761016	4	Bolt M10 x 40	
66	0761017	4	Bolt M10 x45	
67	4060805	6 in/ 16cm	Flex - Trim	

SECTION 4 - BOOM

FIGURE 4-5. JIB ASSEMBLY - 660SJ (USA BUILT MACHINES)



ART_1001182046

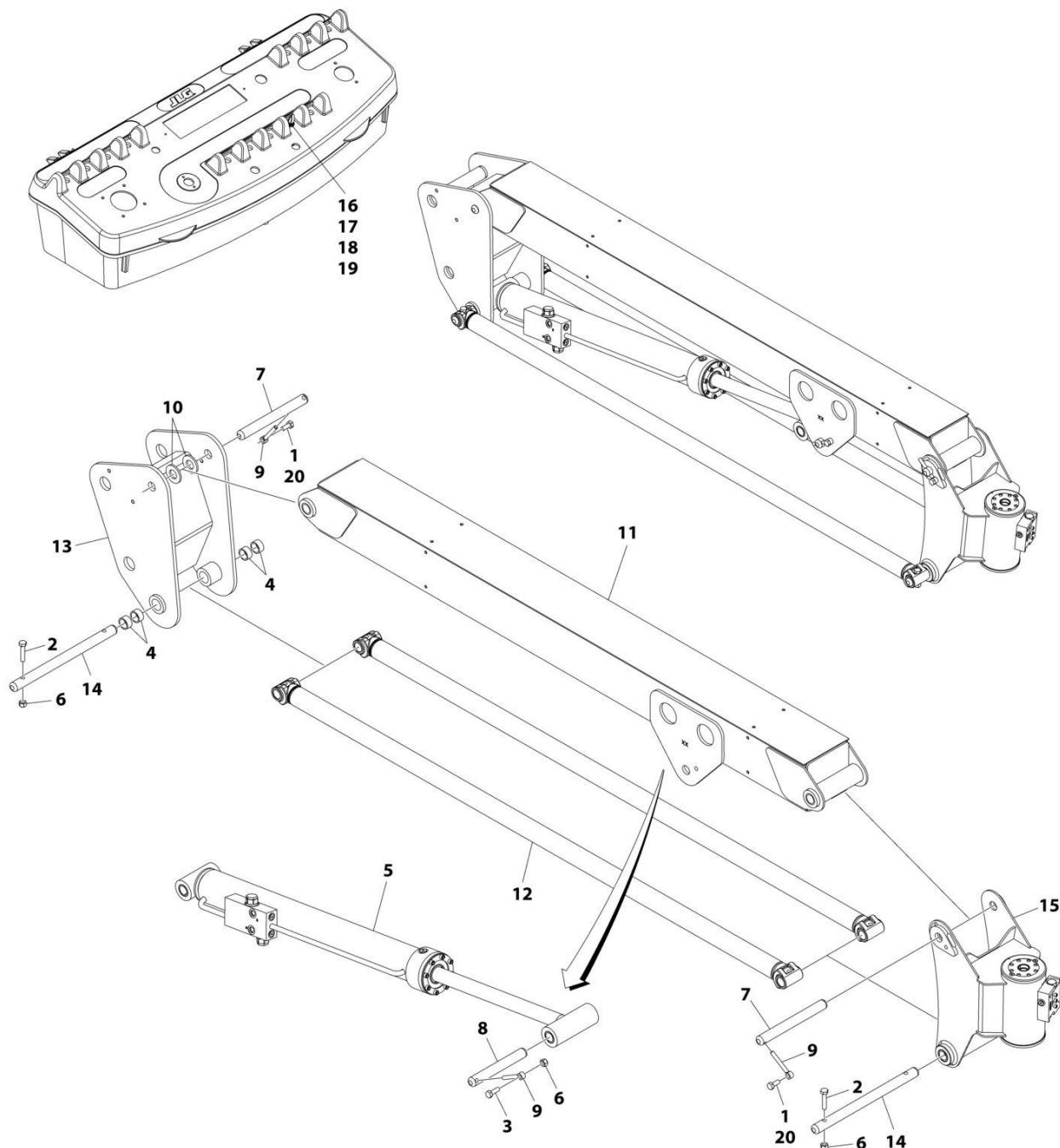
SECTION 4 - BOOM

FIGURE 4-5. JIB ASSEMBLY - 660SJ (USA BUILT MACHINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001182046	Ref	JIB ASSEMBLY	
1	1001190580	1	Platform Rotator Assembly (See Separate Breakdown in this Section)	G
2	0100011	AR	Compound, Locking	
4	0701018	4	Bolt M10 x 50	
7	0761014	1	Bolt M10 x 30	
8	0961947	4	Bearing	
9	3291005	1	Nut M10	
10	3422860	2	Pin	
11	3422867	1	Pin	
12	3841143	3	Keeper, Pin	
14	4844816	1	Tube, JIB	
14	0962335	4	Bushing	
15	1001181960	2	Link	
16	1001181962	1	Pivot	
17	1001182064	2	Pin	
18	1683609	NLA	Lift Cylinder Assembly - JIB (Use p/n 1001248012) (See Separate Breakdown in CYLINDER SECTION) (Original Equipment) (SN 0300235168 through 0300237971)	
18	1001231956	1	Lift Cylinder Assembly - JIB (See Separate Breakdown in CYLINDER SECTION) (SN 0300237972 through 0300245222)	
18	1001228013	1	Lift Cylinder Assembly - JIB (See Separate Breakdown in CYLINDER SECTION) (SN 0300245223 to Present)	
19	4740439	2	Washer	
20	3790012	1	O-Ring	
21	4740397	1	Spacer	
22	1001155044	1	Nut 15/32	
23	1001155045	1	Switch, Toggle	
24	0761012	2	Bolt M10 x 25	

SECTION 4 - BOOM

FIGURE 4-6. JIB ASSEMBLY - 660SJ (CHINA BUILT MACHINES)



ART_1001202531

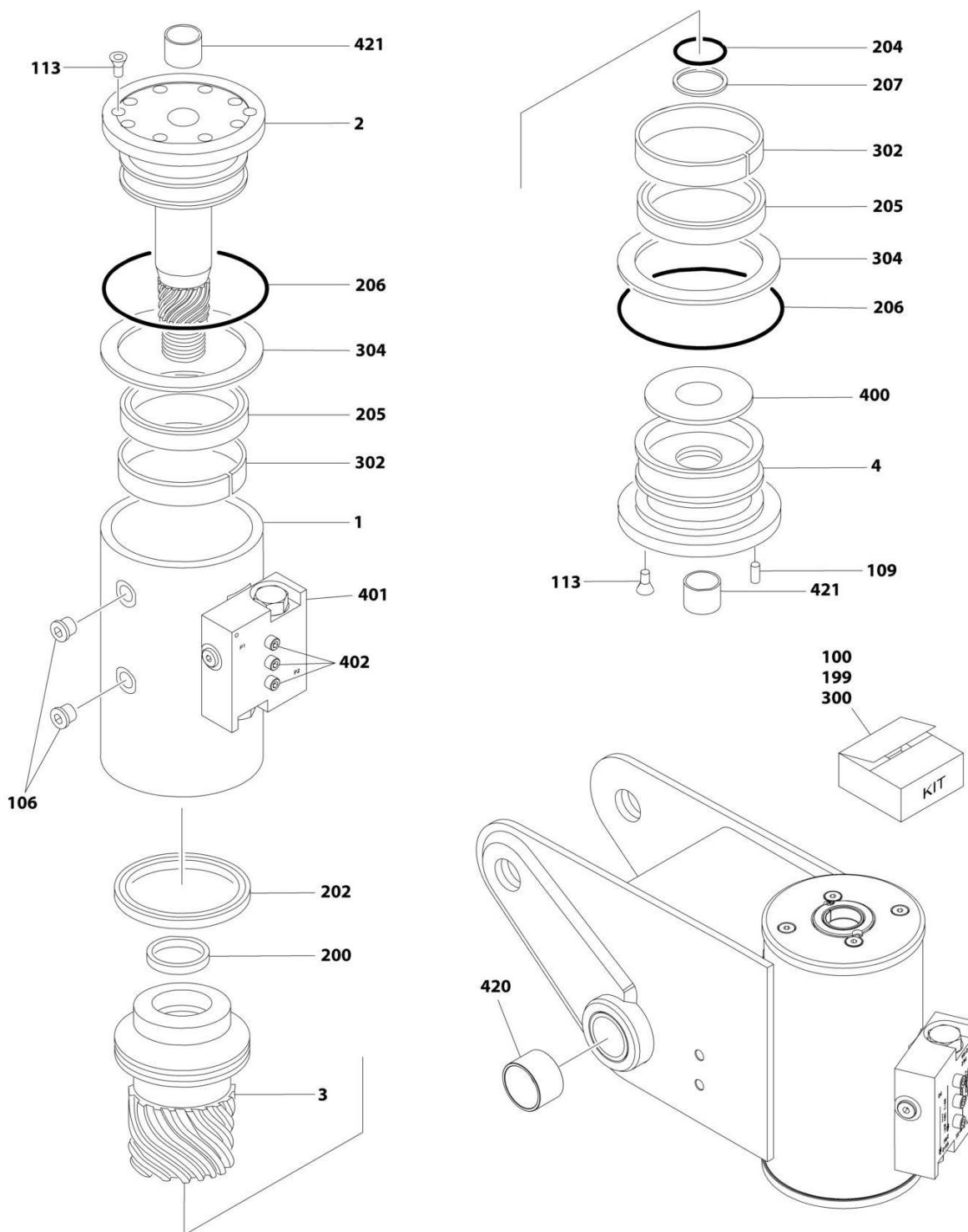
SECTION 4 - BOOM

FIGURE 4-6. JIB ASSEMBLY - 660SJ (CHINA BUILT MACHINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001202531	Ref	JIB ASSEMBLY	
1	0100011	AR	Compound, Locking	
2	0701018	4	Bolt M10 x 50	
3	0761014	1	Bolt M10 x 30	
4	0961947	4	Bearing	
5	1683609	NLA	Lift Cylinder Assembly - JIB (Use p/n 1001248012) (See Separate Breakdown in CYLINDER SECTION) (Original Equipment) (SN B300002216 through B300002338)	
5	1001231956	1	Lift Cylinder Assembly - JIB (See Separate Breakdown in CYLINDER SECTION) (SN B300002339 to Present)	
6	3291005	5	Nut M10	
7	3422860	2	Pin	
8	3422867	1	Pin	
9	3841143	3	Keeper, Pin	
10	4740439	2	Washer	
11	1001113386	1	Tube, JIB	
11	0962355	4	Bushing	
12	1001181960	2	Link	
13	1001181962	1	Pivot	
14	1001182064	2	Pin	
15	1001190580	1	Platform Rotator Assembly (See Separate Breakdown in this Section)	
16	3790012	1	O-Ring	
17	4740397	1	Spacer	
18	1001155044	1	Nut 15/32	
19	1001155045	1	Switch, Toggle	
20	0761012	2	Bolt M10 x 25	

SECTION 4 - BOOM

FIGURE 4-7. PLATFORM ROTATOR ASSEMBLY - 600S



ART_1001187348

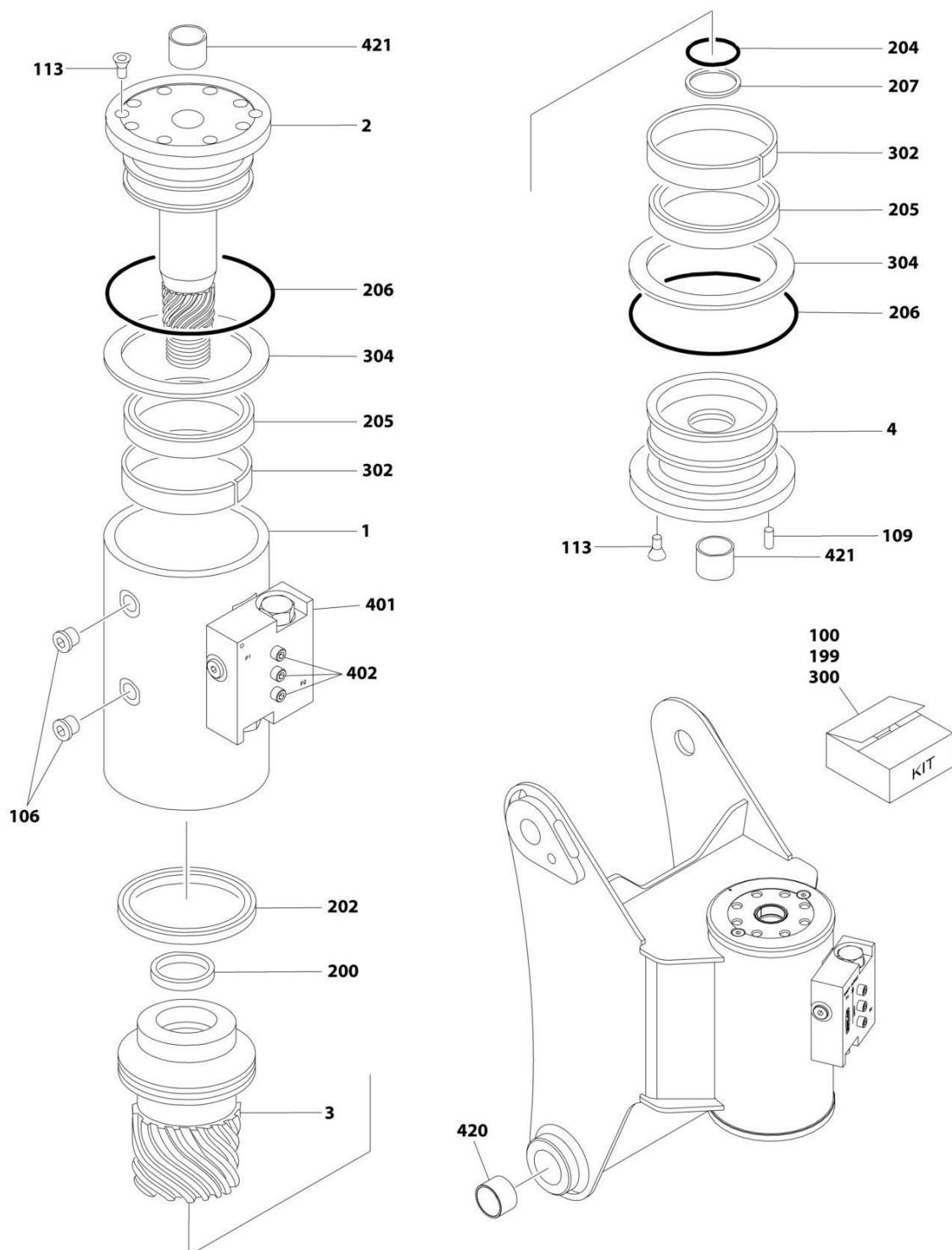
SECTION 4 - BOOM

FIGURE 4-7. PLATFORM ROTATOR ASSEMBLY - 600S

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187348	Ref	PLATFORM ROTATOR ASSEMBLY	
1	See Note	NSS	Housing/Ring Gear (Note: Purchase Complete Assembly)	E
2	7017162	1	Shaft	
3	7017163	1	Piston	
4	7017164	1	Cap	
100	7017142	1	Hardware Kit (Includes Items 106-109)	
106	See Note	NSS	Plug (Note: Use Item 100)	
109	See Note	NSS	Pin, Dowel (Note: Use Item 100)	
113	70001697	6	Screw 1/4 x 3/8	
199	70000342	1	Seal Kit - Low Temperature (Includes Items 200-207)	
200	See Note	NSS	T-Seal (Note: Use Item 199)	
202	See Note	NSS	T-Seal (Note: Use Item 199)	
204	See Note	NSS	O-Ring (Note: Use Item 199)	
205	See Note	NSS	Seal (Note: Use Item 199)	
206	See Note	NSS	O-Ring (Note: Use Item 199)	
207	See Note	NSS	Ring, Back-up (Note: Use Item 199)	
300	7017159	1	Bearing Kit (Includes Items 302-304)	
302	See Note	NSS	Bearing (Note: Use Item 300)	
304	See Note	NSS	Washer, Thrust (Note: Use Item 300)	
400	70005671	1	Stop	
401	7017172	1	Valve, Control (Note: Sold as Assembly Only)	
401	7017192	2	Cartridge, Valve - Counterbalance (Seal Kit Not Available)	
401	See Note	1	Cartridge, Valve - Check (Seal Kit Not Available) (Note: Use p/n 7017172)	
402	See Note	1	Bolt 1/4 x 1-1/2 Grade 8 (Note: Purchase Locally)	
420	0961951	2	Bushing	
421	7017195	2	Bushing	

SECTION 4 - BOOM

FIGURE 4-8. PLATFORM ROTATOR ASSEMBLY - 660SJ



ART_1001190580

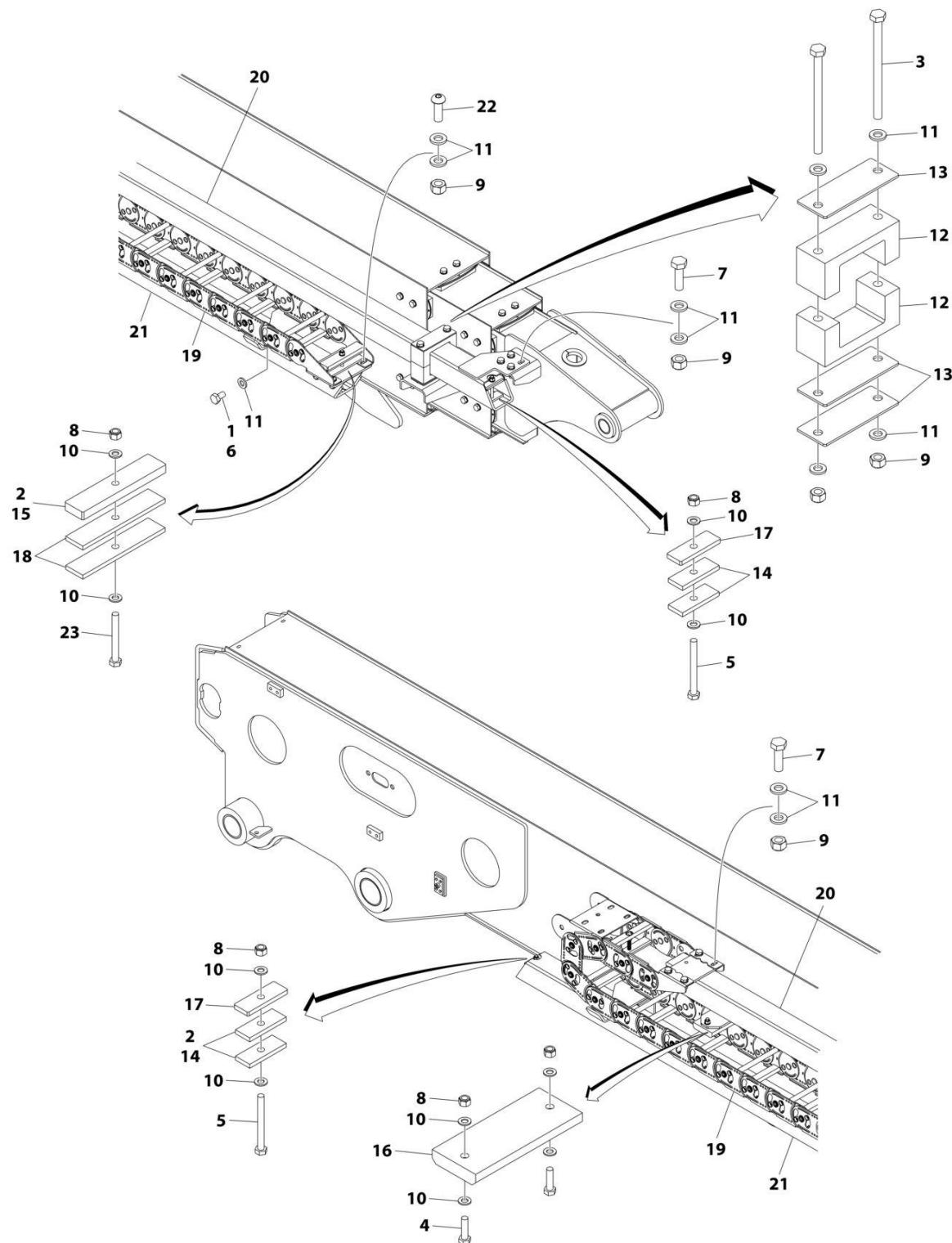
SECTION 4 - BOOM

FIGURE 4-8. PLATFORM ROTATOR ASSEMBLY - 660SJ

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190580	Ref	PLATFORM ROTATOR ASSEMBLY	
1	See Note	NSS	Housing/Ring Gear (Note: Purchase Complete Assembly)	F
2	7017162	1	Shaft	
3	7017163	1	Piston	
4	7017164	1	Cap	
100	7017142	1	Hardware Kit (Includes Items 106-109)	
106	See Note	NSS	Plug (Note: Use Item 100)	
109	See Note	NSS	Pin, Dowel (Note: Use Item 100)	
113	70001697	6	Screw 1/4 x 3/8	
199	70000342	1	Seal Kit - Low Temperature (Includes Items 200-207)	
200	See Note	NSS	T-Seal (Note: Use Item 199)	
202	See Note	NSS	T-Seal (Note: Use Item 199)	
204	See Note	NSS	O-Ring (Note: Use Item 199)	
205	See Note	NSS	Seal (Note: Use Item 199)	
206	See Note	NSS	Ring, Back-up (Note: Use Item 199)	
207	See Note	NSS	Ring, Back-up (Note: Use Item 199)	
300	7017159	1	Bearing Kit (Includes Items 302-304)	
302	See Note	NSS	Bearing (Note: Use Item 300)	
304	See Note	NSS	Washer, Thrust (Note: Use Item 300)	
401	7017172	1	Valve, Control (Note: Sold as Assembly Only)	
401	7017192	2	Cartridge, Valve - Counterbalance (Seal Kit Not Available)	
401	See Note	1	Cartridge, Valve - Check (Seal Kit Not Available) (Note: Use p/n 7017172)	
402	See Note	NSS	Bolt 1/4 x 1-1/2 Grade 8 (Note: Purchase Locally)	
420	0961947	2	Bushing	
421	7017195	1	Bushing	

SECTION 4 - BOOM

FIGURE 4-9. POWER TRACK INSTALLATION



ART_1001174630

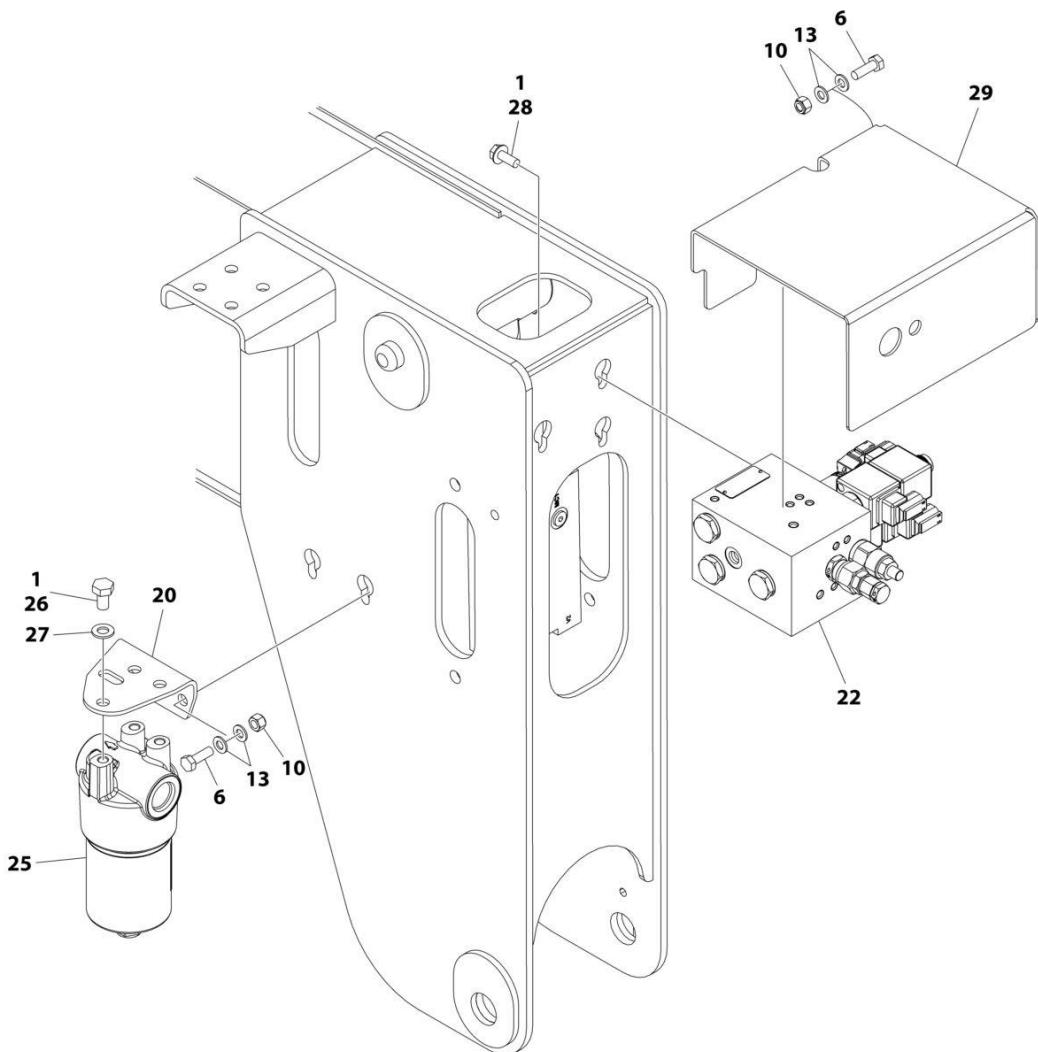
SECTION 4 - BOOM

FIGURE 4-9. POWER TRACK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174630	Ref	POWER TRACK INSTALLATION	
1	0100011	AR	Compound, Locking	
2	0100081	AR	Adhesive	
3	0701032	2	Bolt M10 x 150	
4	0760814	2	Bolt M8 x 30	
5	0760824	2	Bolt M8 x 80	
6	0761009	8	Bolt M10 x 18	
7	0761015	8	Bolt M10 x 35	
8	3290805	5	Nut M8	
9	3291005	14	Nut M10	
10	4811900	10	Washer M8	
11	5241000	36	Washer M10	
12	1001136398	2	Pad	
13	1001136400	AR	Plate	
14	1001136402	4	Pad	
15	1001136461	1	Plate	
16	1001136469	NLA	Pad, Wear (Use p/n 3340787) (SN 0300235168 through 0300247539, SN B300002655 through B300002844)	
16	3340787	1	Pad, Wear (SN 0300247540 to Present, SN B300002845 to Present)	
17	1001139078	2	Plate	
18	1001151192	2	Pad	
19	1001174631	1	Powertrack Assembly	
19	70005683	AR	Repair Section - Power Track	
19	70005684	1	Mounting Kit - Power Track (Includes Mounting Feet and Hardware)	
20	1001174632	1	Tube, Push	
21	1001174636	1	Support	
22	1001174673	4	Screw M10 x 30	
23	0760822	1	Bolt M8 x 70	

SECTION 4 - BOOM

FIGURE 4-10. BOOM VALVES INSTALLATION - 600S WITH 2WS



ART_1001188166_2OF2

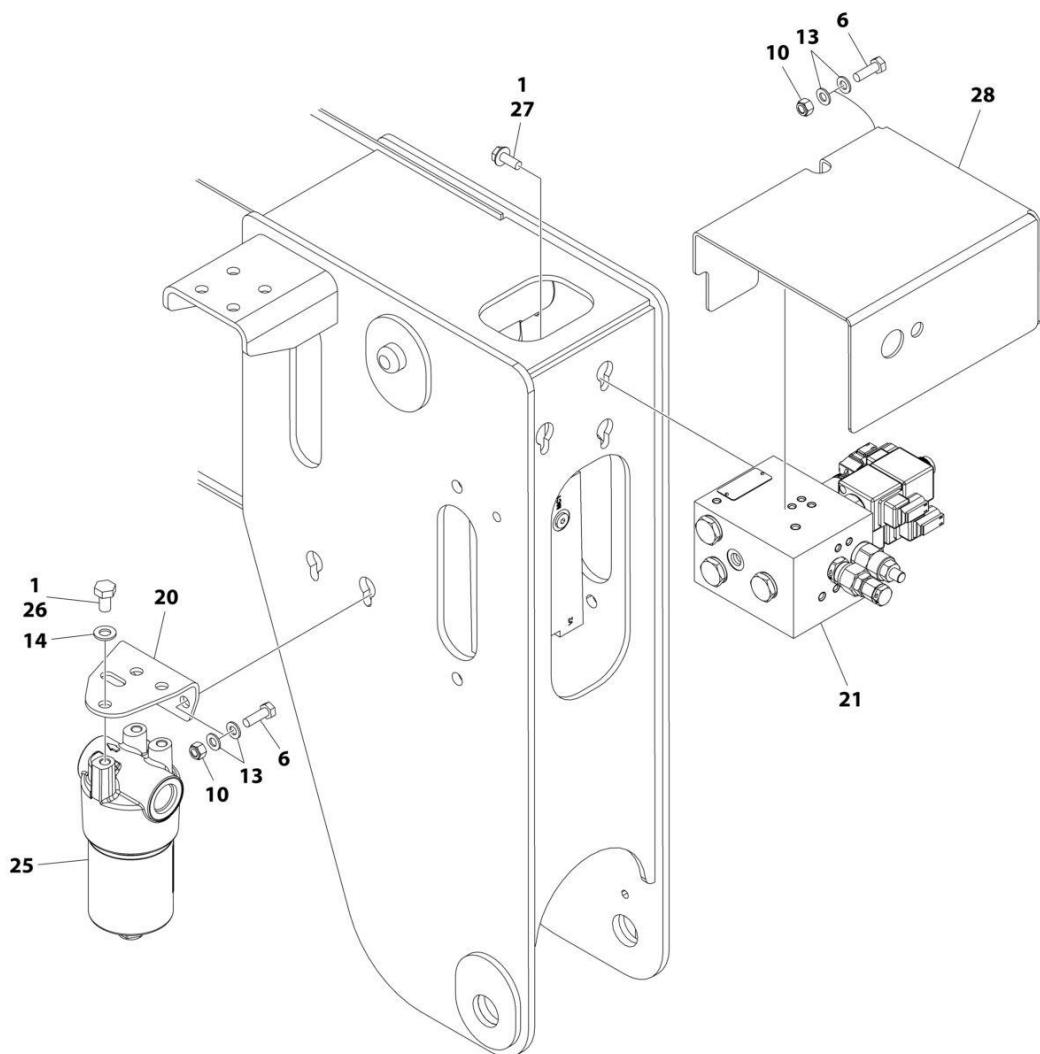
SECTION 4 - BOOM

FIGURE 4-10. BOOM VALVES INSTALLATION - 600S WITH 2WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188166	Ref	BOOM VALVES INSTALLATION	
1	0100011	AR	Compound, Locking	G
6	0760812	AR	Bolt M8 x 25	
6	0760814	AR	Bolt M8 x 30	
10	3290805	3	Nut M8	
13	4811900	6	Washer M8	
20	1001188302	1	Plate	
22	1001190287	1	Platform Valve Assembly (See Separate Breakdown in this Section)	
25	1001201511	1	Filter, High Pressure	
25	70005335	1	Element, Filter	
25	70005682	1	Repair Kit (Includes Element & Bowl O-Rings & Back-up Rings)	
26	0761009	3	Bolt M10 x 18	
27	4812000	3	Washer M10	
28	5250810	3	Bolt M8 x 20	
29	1001204529	1	Cover	

SECTION 4 - BOOM

FIGURE 4-11. BOOM VALVES INSTALLATION - 600S WITH 4WS



ERT_1001188167_2OF2

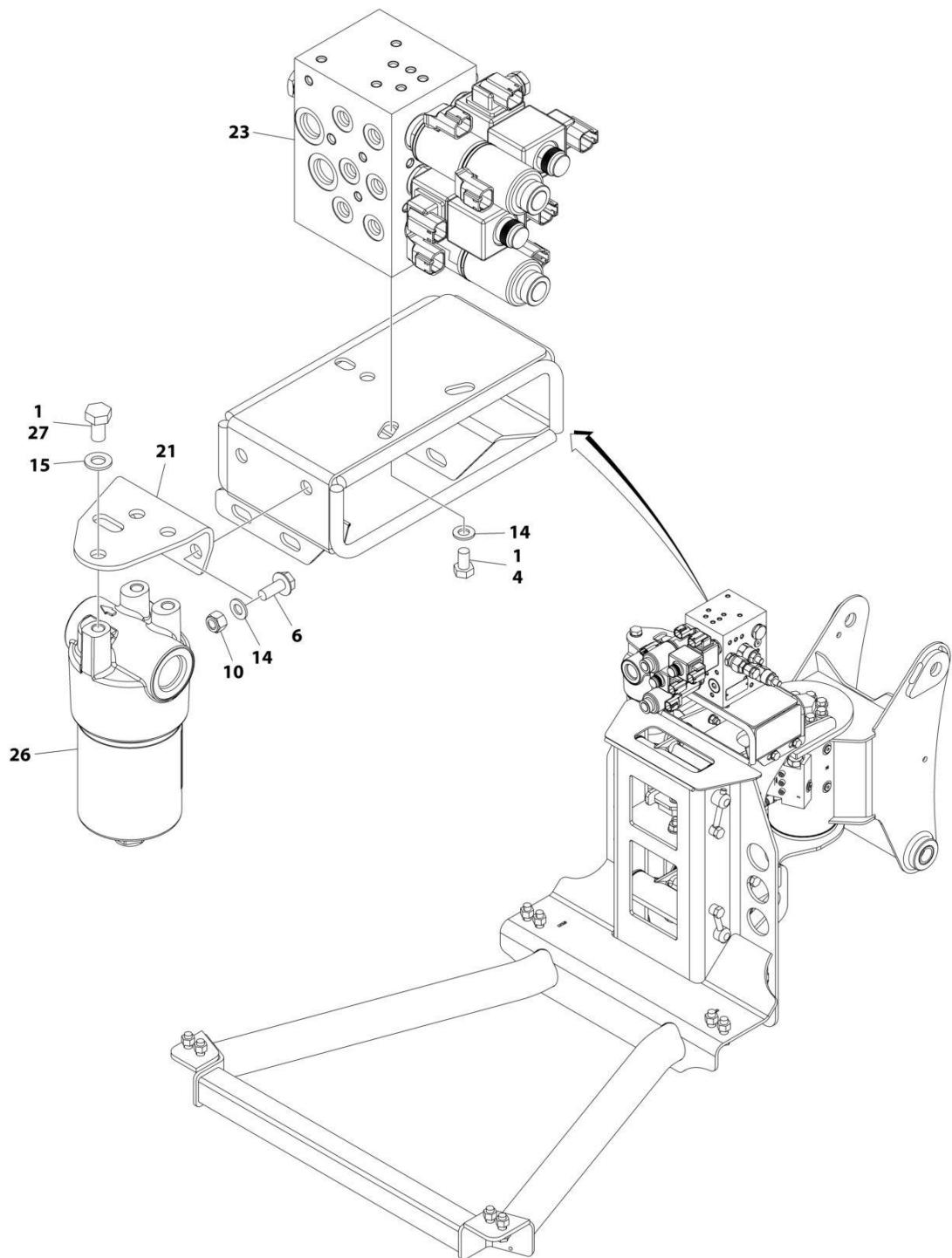
SECTION 4 - BOOM

FIGURE 4-11. BOOM VALVES INSTALLATION - 600S WITH 4WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188167	Ref	BOOM VALVES INSTALLATION	
1	0100011	AR	Compound, Locking	G
6	0760812	AR	Bolt M8 x 25	
6	0760814	AR	Bolt M8 x 30	
10	3290805	3	Nut M8	
13	4811900	6	Washer M8	
14	4812000	3	Washer M10	
20	1001188302	1	Plate	
21	1001190287	1	Plateform Valve Assembly (See Separate Breakdown in this Section)	
25	1001201511	1	Filter, High Pressure	
25	70005335	1	Element, Filter	
25	70005682	1	Repair Kit (Includes Element & Bowl O-Rings & Back-up Rings)	
26	0761009	3	Bolt M10 x 18	
27	5250810	3	Bolt M8 x 20	
28	1001204529	1	Cover	

SECTION 4 - BOOM

FIGURE 4-12. BOOM VALVES INSTALLATION - 660SJ WITH 2WS



ART_1001188168_2OF2

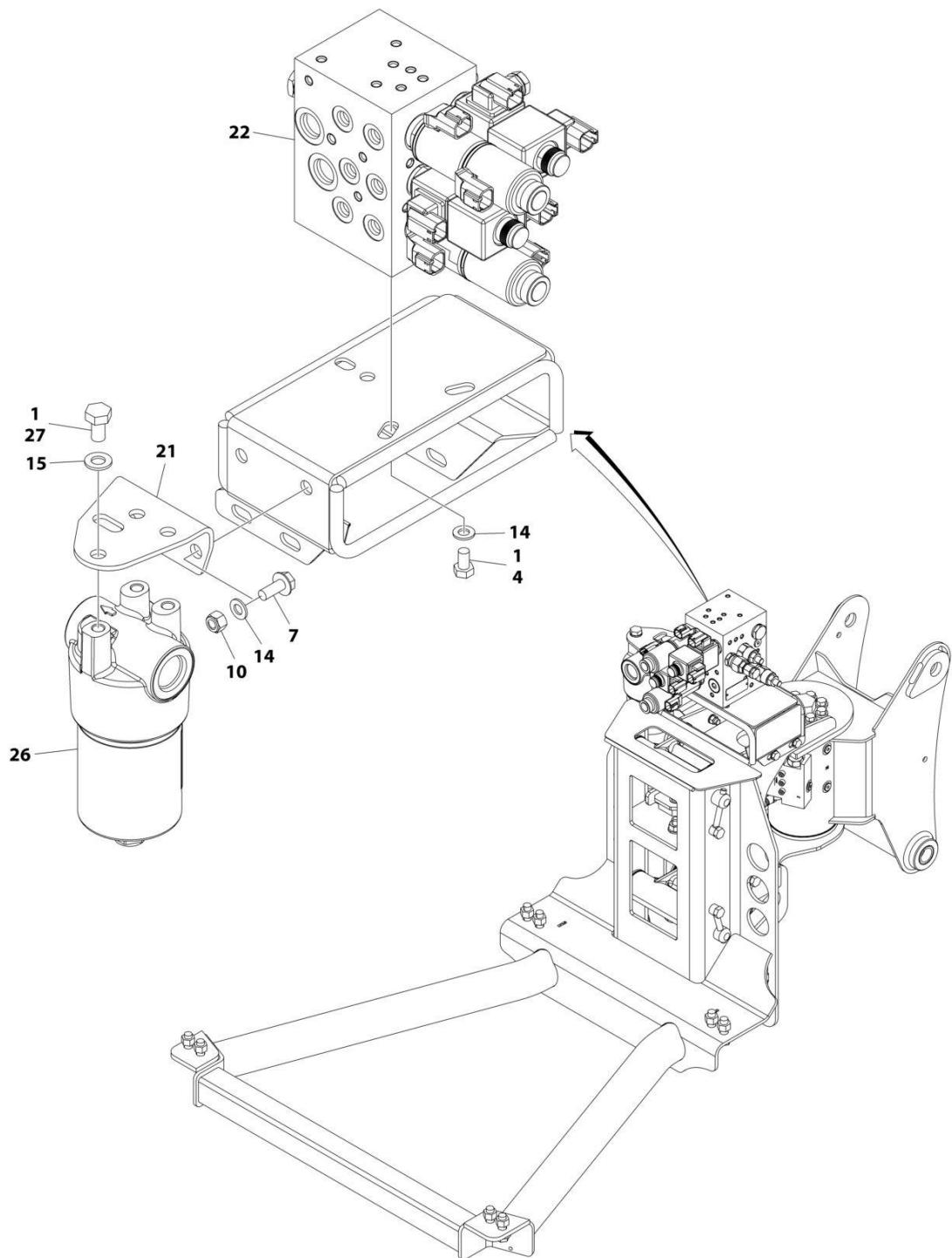
SECTION 4 - BOOM

FIGURE 4-12. BOOM VALVES INSTALLATION - 660SJ WITH 2WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001188168	Ref	BOOM VALVES INSTALLATION	G
1	0100011	AR	Compound, Locking	
4	0760807	3	Bolt M8 x 14	
6	5250810	2	Bolt M8 x 20	
10	3290805	2	Nut M8	
14	4811900	5	Washer M8	
15	4812000	3	Washer M10	
21	1001188302	1	Plate	
23	1001190286	1	Platform Valve Assembly (See Separate Breakdown in this Section)	
26	1001201511	1	Filter, High Pressure	
26	70005335	1	Element, Filter	
26	70005682	1	Repair Kit (Includes Element & Bowl O-Rings & Back-up Rings)	
27	0761009	3	Bolt M10 x 18	

SECTION 4 - BOOM

FIGURE 4-13. BOOM VALVES INSTALLATION - 660SJ WITH 4WS



ART_1001188169_2OF2

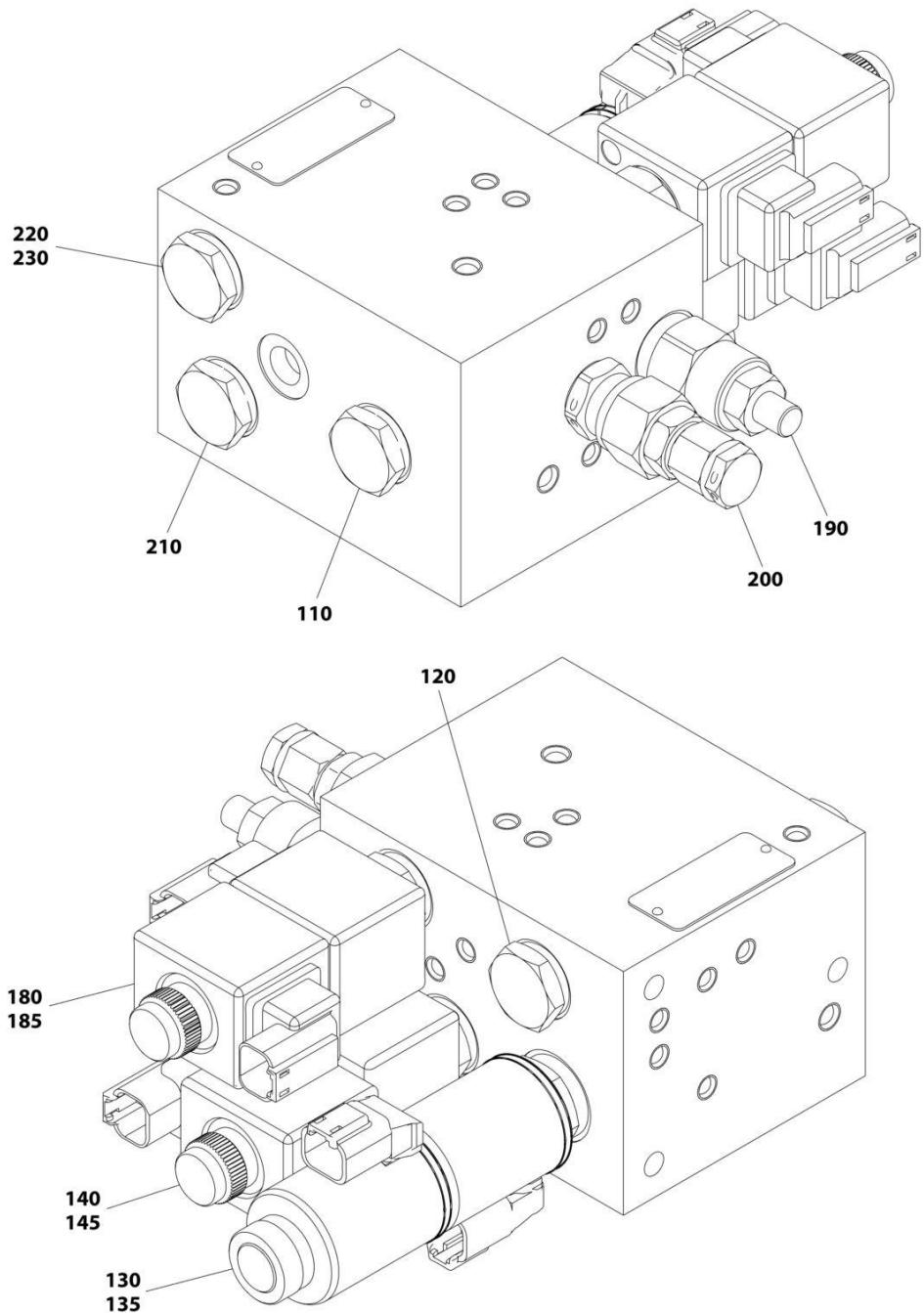
SECTION 4 - BOOM

FIGURE 4-13. BOOM VALVES INSTALLATION - 660SJ WITH 4WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001188169	Ref	BOOM VALVES INSTALLATION	G
1	0100011	AR	Compound, Locking	
4	0760807	3	Bolt M8 x 14	
7	5250810	2	Bolt M8 x 20	
10	3290805	2	Nut M8	
14	4811900	5	Washer M8	
15	4812000	3	Washer M10	
21	1001188302	1	Plate	
22	1001190286	1	Platform Valve Assembly (See Separate Breakdown in this Section)	
26	1001201511	1	Filter, High Pressure	
26	70005335	1	Element, Filter	
26	70005682	1	Repair Kit (Includes Element & Bowl O-Rings & Back-up Rings)	
27	0761009	3	Bolt M10 x 18	

SECTION 4 - BOOM

FIGURE 4-14. PLATFORM VALVE ASSEMBLY - 600S



ART_1001190287

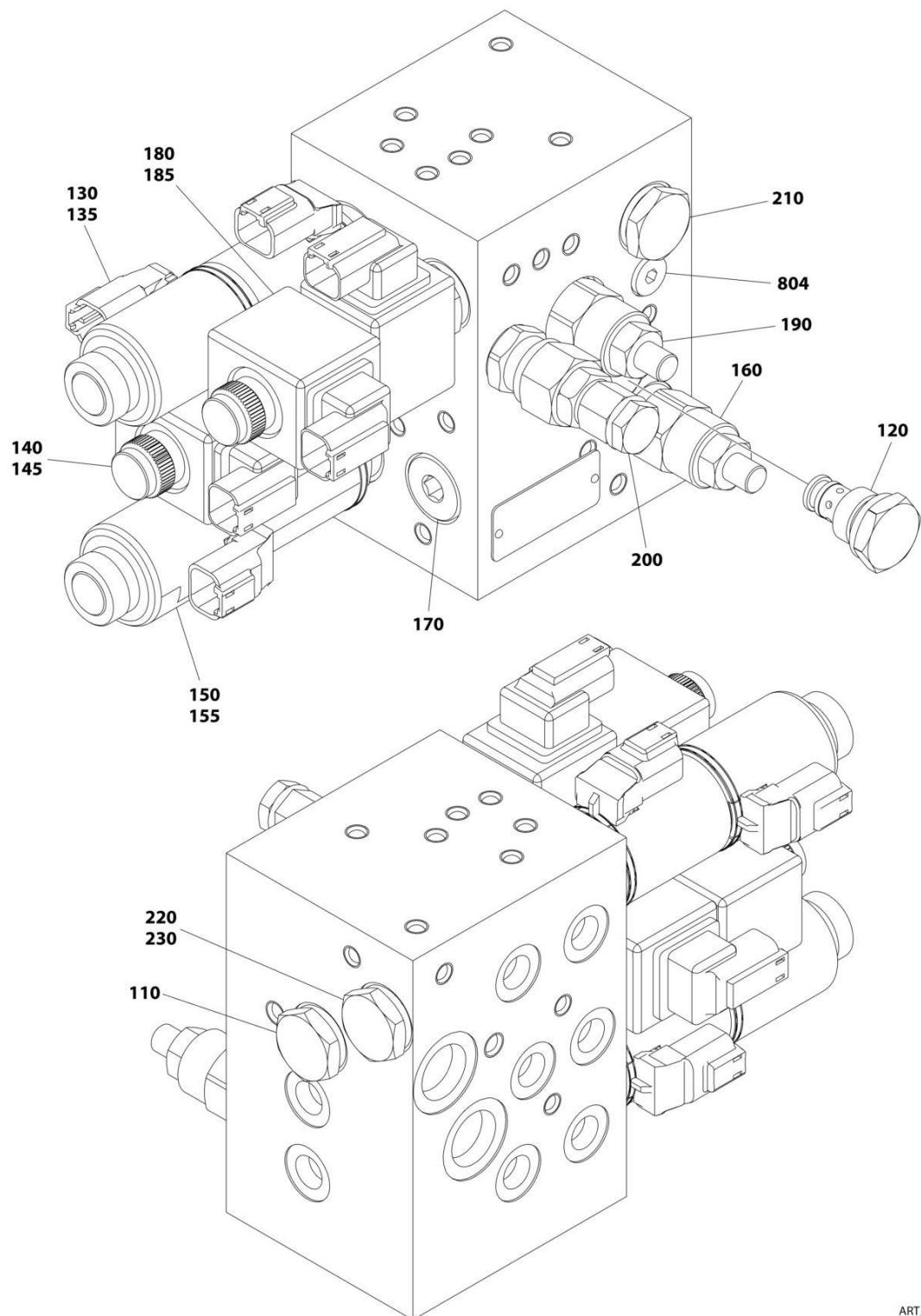
SECTION 4 - BOOM

FIGURE 4-14. PLATFORM VALVE ASSEMBLY - 600S

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190287	Ref	PLATFORM VALVE ASSEMBLY	
110	70005951	1	Valve, Check	
110	70004052	1	Seal Kit - 70005951 Valve	
120	70003027	1	Valve, Flow/Pressure Control	
120	70004052	1	Seal Kit - 70003027 Valve	
130	70006121	1	Valve, Solenoid (Platform Level)	
130	70006116	1	Seal Kit - 70006121 Valve	
135	70006122	2	Coil	
140	70005627	1	Valve, Solenoid (Platform Swing)	
140	70004053	1	Seal Kit - 70005627 Valve	
140	70006123	1	Coil Nut & Pole Tube O-Ring Kit	
145	70004653	2	Coil	
180	70006124	1	Valve, Solenoid	
180	70023862	1	Seal Kit - 70006124 Valve	
180	70006123	1	Coil Nut & Pole Tube O-Ring Kit	
185	70004653	2	Coil	
190	70003019	1	Valve, Relief	
190	70004052	1	Seal Kit - 70003019 Valve	
200	70006125	1	Valve, Relief	
200	70006126	1	Seal Kit - 70006125 Valve	
210	70005952	1	Valve, Check	
210	70004052	1	Seal Kit - 70005952 Valve	
220	7022524	1	Orifice 0.5mm	
230	70005952	1	Valve, Check	
230	70004052	1	Seal Kit - 70005952 Valve	

SECTION 4 - BOOM

FIGURE 4-15. PLATFORM VALVE ASSEMBLY - 660SJ



ART_1001190286

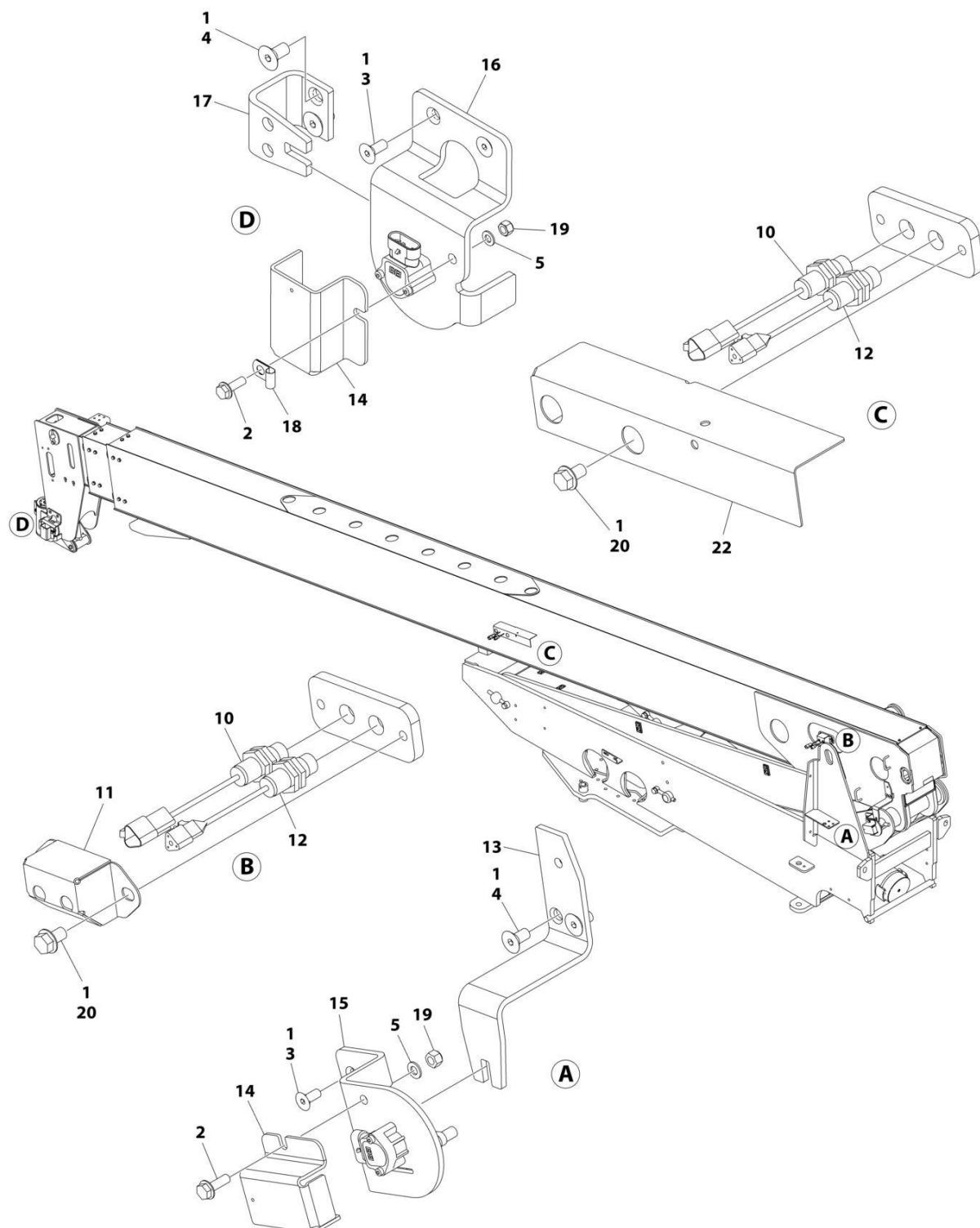
SECTION 4 - BOOM

FIGURE 4-15. PLATFORM VALVE ASSEMBLY - 660SJ

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190286	Ref	PLATFORM VALVE ASSEMBLY	
110	70005951	1	Valve, Check	
110	70004052	1	Seal Kit - 70005951 Valve	
120	70003027	1	Valve, Flow/Pressure Control	
120	70004052	1	Seal Kit - 70003027 Valve	
130	70006121	1	Valve, Solenoid (Platform Level)	
130	70006116	1	Seal Kit - 70006121 Valve	
135	70006122	2	Coil	
140	70005627	1	Valve, Solenoid (Platform Swing)	
140	70004053	1	Seal Kit - 70005627 Valve	
140	70006123	1	Coil Nut & Pole Tube O-Ring Kit	
145	70004653	2	Coil	
150	70006121	1	Valve, Solenoid (JIB Up/Down)	
150	70006116	1	Seal Kit - 70006121 Valve	
155	70006122	2	Coil	
160	70003019	1	Valve, Relief	
160	70004052	1	Seal Kit - 70003019 Valve	
170	70004613	1	Valve, Relief	
170	70023860	1	Seal Kit - 70004613 Valve	
180	70006124	1	Valve, Solenoid	
180	70023862	1	Seal Kit - 70006124 Valve	
180	70006123	1	Coil Nut & Pole Tube O-Ring Kit	
185	70004653	2	Coil	
190	70003019	1	Valve, Relief	
190	70004052	1	Seal Kit - 70003019 Valve	
200	70006125	1	Valve, Relief	
200	70006126	1	Seal Kit - 70006125 Valve	
210	70005952	1	Valve, Check	
210	70004052	1	Seal Kit - 70003019 Valve	
220	7022524	1	Orifice 0.5mm	
230	70005952	1	Valve, Check	
230	70004052	1	Seal Kit - 70005952 Valve	
804	70005200	1	Plug	

SECTION 4 - BOOM

FIGURE 4-16. BOOM SENSORS INSTALLATION - 600S



ART_1001187605

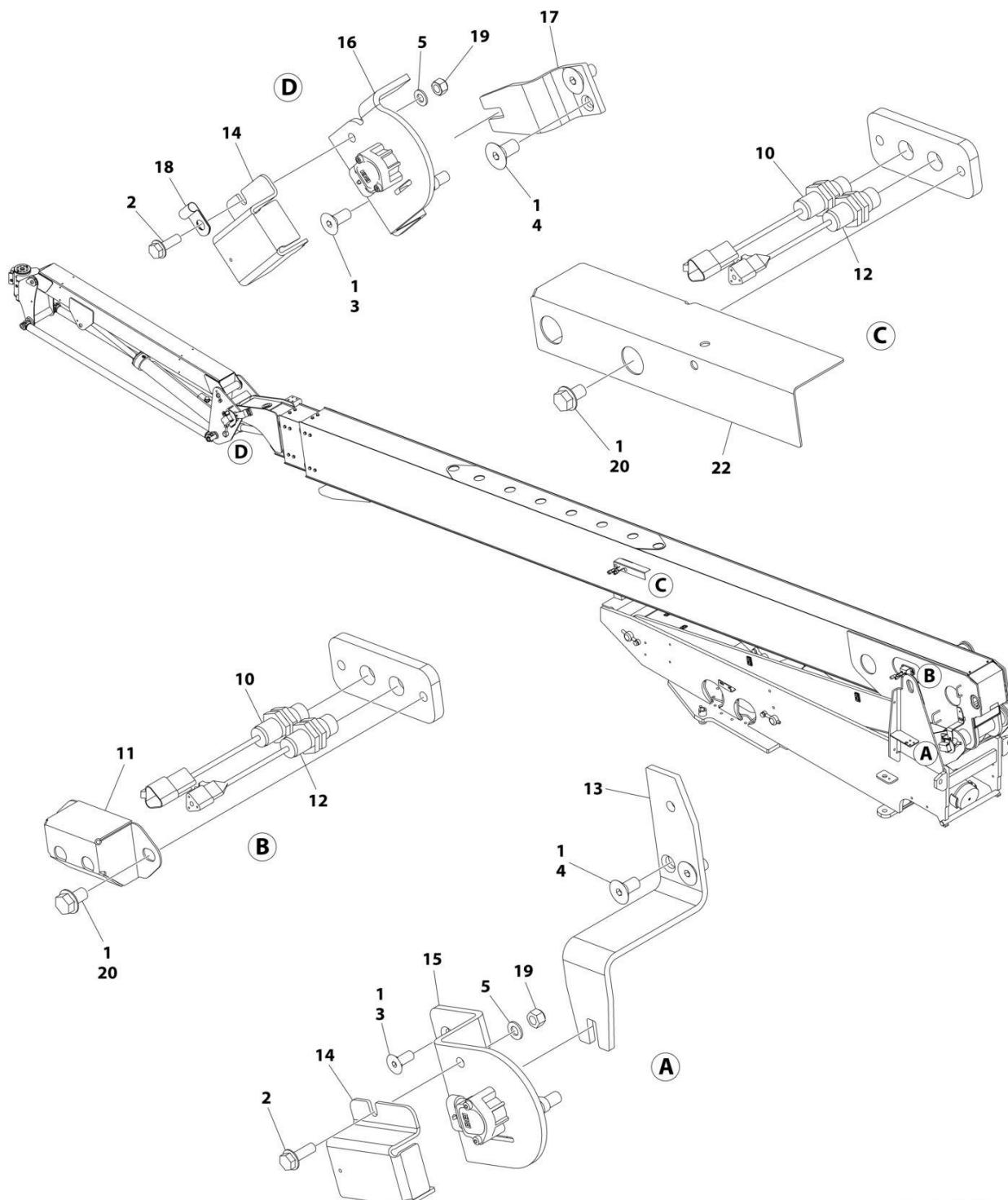
SECTION 4 - BOOM

FIGURE 4-16. BOOM SENSORS INSTALLATION - 600S

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187605	Ref	BOOM SENSORS INSTALLATION	
1	0100011	AR	Compound, Locking	E
2	5250812	2	Bolt M8 x 25	
3	1001137125	4	Screw M8 x 20	
4	1001155441	4	Screw M10 x 20 Grade 10.9	
5	4811900	2	Washer M8	
10	1001170847	2	Sensor, Proximity	
11	1001204715	1	Bracket	
12	1001182570	2	Sensor, Proximity	
13	1001211585	1	Plate	
14	1001211588	2	Shield	
15	1001211577	1	Sensor (Lower)	
15	4010303	1	Screw Posi-drive M3 x 6	
15	1001204939	1	Sensor, Angle	
15	1001211580	1	Bracket	
15	1001211582	1	Link, Angle Sensor Arm	
16	1001211578	1	Sensor (Upper)	
16	4010303	1	Screw Posi-drive M3 x 6	
16	1001191020	1	Sensor, Angle	
16	1001211581	1	Bracket	
16	1001211583	1	Link, Angle Sensor Arm	
17	1001211586	1	Plate	
18	8406003	1	Clip	
19	3290805	2	Nut M8	
20	5251008	4	Bolt M10 x 16	
21	4240033	2	Tie-Strap (Not Shown)	
22	1001227792	1	Plate	

SECTION 4 - BOOM

FIGURE 4-17. BOOM SENSORS INSTALLATION - 660SJ



ART_1001187606

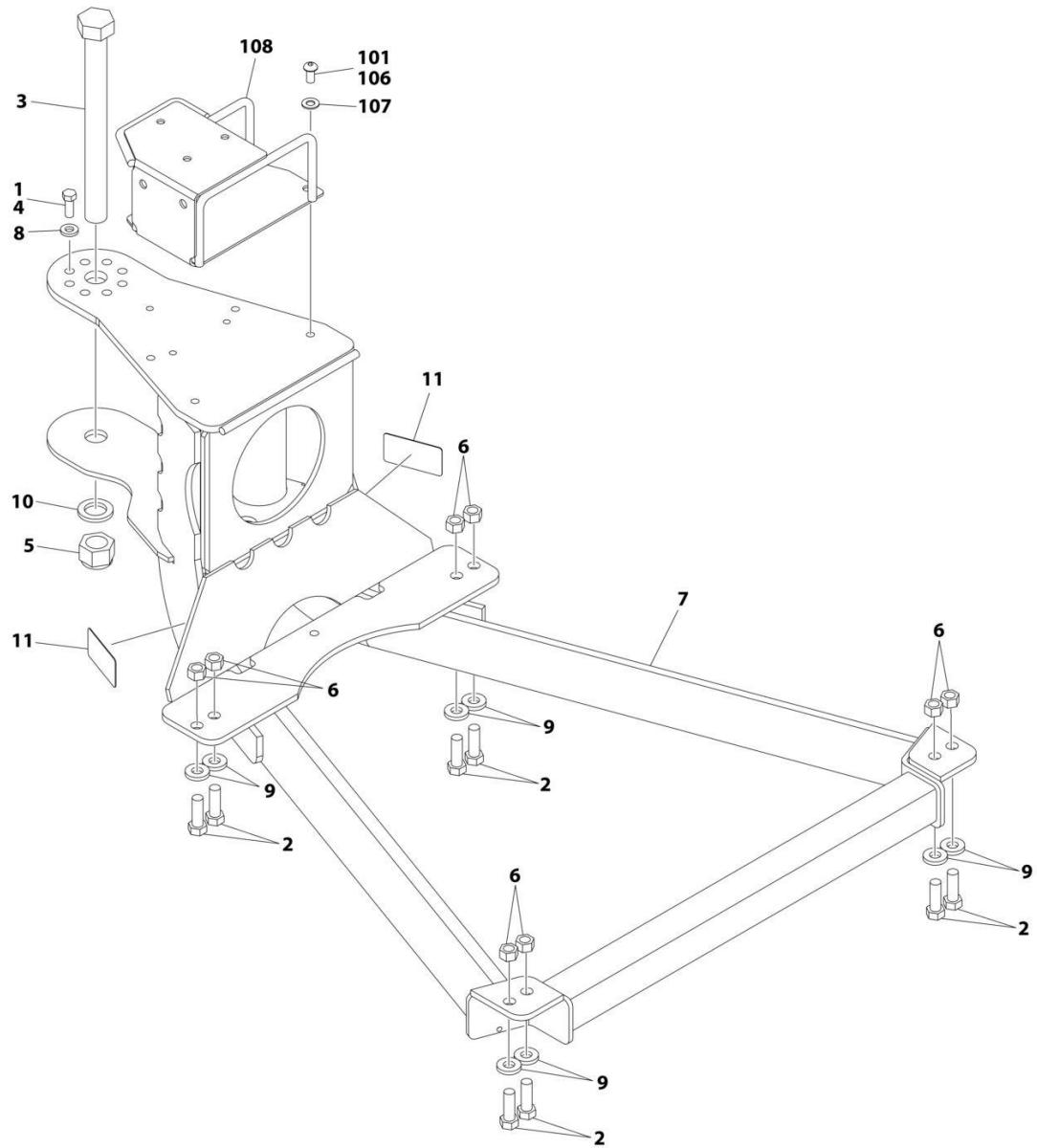
SECTION 4 - BOOM

FIGURE 4-17. BOOM SENSORS INSTALLATION - 660SJ

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187606	Ref	BOOM SENSORS INSTALLATION	
1	0100011	AR	Compound, Locking	E
2	5250812	2	Bolt M8 x 25	
3	1001137125	4	Screw M8 x 20	
4	1001155441	4	Screw M10 x 20 Grade 10.9	
5	4811900	2	Washer M8	
10	1001170847	2	Sensor, Proximity	
11	1001204715	1	Bracket	
12	1001182570	2	Sensor, Proximity	
13	1001211585	1	Plate	
14	1001211588	2	Shield	
15	1001211577	1	Sensor (Lower)	
15	4010303	1	Screw Posi-drive M3 x 6	
15	1001204939	1	Sensor, Angle	
15	1001211580	1	Bracket	
15	1001211582	1	Link, Angle Sensor Arm	
16	1001211579	1	Sensor (Upper)	
16	4010303	1	Screw Posi-drive M3 x 6	
16	1001191020	1	Sensor, Angle	
16	1001211581	1	Bracket	
16	1001211584	1	Link, Angle Sensor Arm	
17	1001211587	1	Plate	
18	8406003	1	Clip	
19	3290805	2	Nut M8	
20	5251008	4	Bolt M10 x 16	
21	4240033	2	Tie-Strap (Not Shown)	
22	1001227792	1	Plate	

SECTION 4 - BOOM

FIGURE 4-18. PLATFORM SUPPORT INSTALLATION - WITHOUT LSS (SN 0300235168 through 0300251320, SN B300002655 through B300003386)



ART_0272070

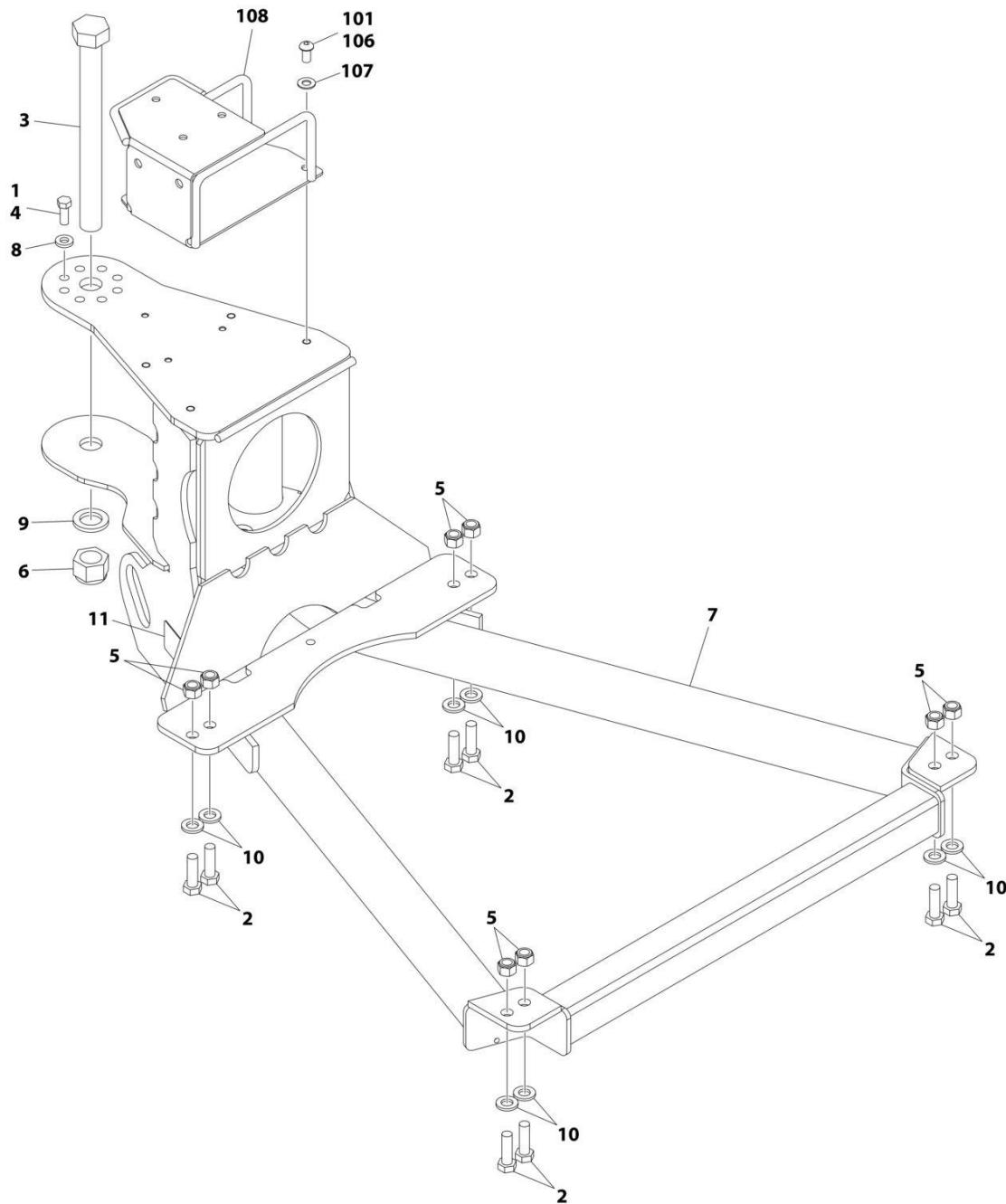
SECTION 4 - BOOM

FIGURE 4-18. PLATFORM SUPPORT INSTALLATION - WITHOUT LSS (SN 0300235168 through 0300251320, SN B300002655 through B300003386)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272070	Ref	PLATFORM SUPPORT INSTALLATION	
1	0100011	AR	Compound, Locking	H
2	0641812	8	Bolt 1/2 x 1-1/2	
3	0642684	1	Bolt 1 x 10-1/2	
4	0681608	8	Bolt 3/8 x 1	
5	3300243	1	Nut 1	
6	3311805	8	Nut 1/2	
7	4846573	1	Support	
8	4891600	8	Washer 3/8	
9	4891800	8	Washer 1/2	
10	4892600	1	Washer 1	
11	1001216630	2	Decal - Tie Down/No Lift	
	1001202688	Ref	VALVE MOUNT INSTALLATION	C
101	0100011	AR	Compound, Locking	
106	3900283	4	Screw 3/8 x 3/4	
107	4711600	4	Washer 3/8	
108	1001206920	1	Mount, Valve	

SECTION 4 - BOOM

FIGURE 4-19. PLATFORM SUPPORT INSTALLATION - WITHOUT LSS (SN 0300251321 to Present, SN B300003387 to Present)



ART_1001235513

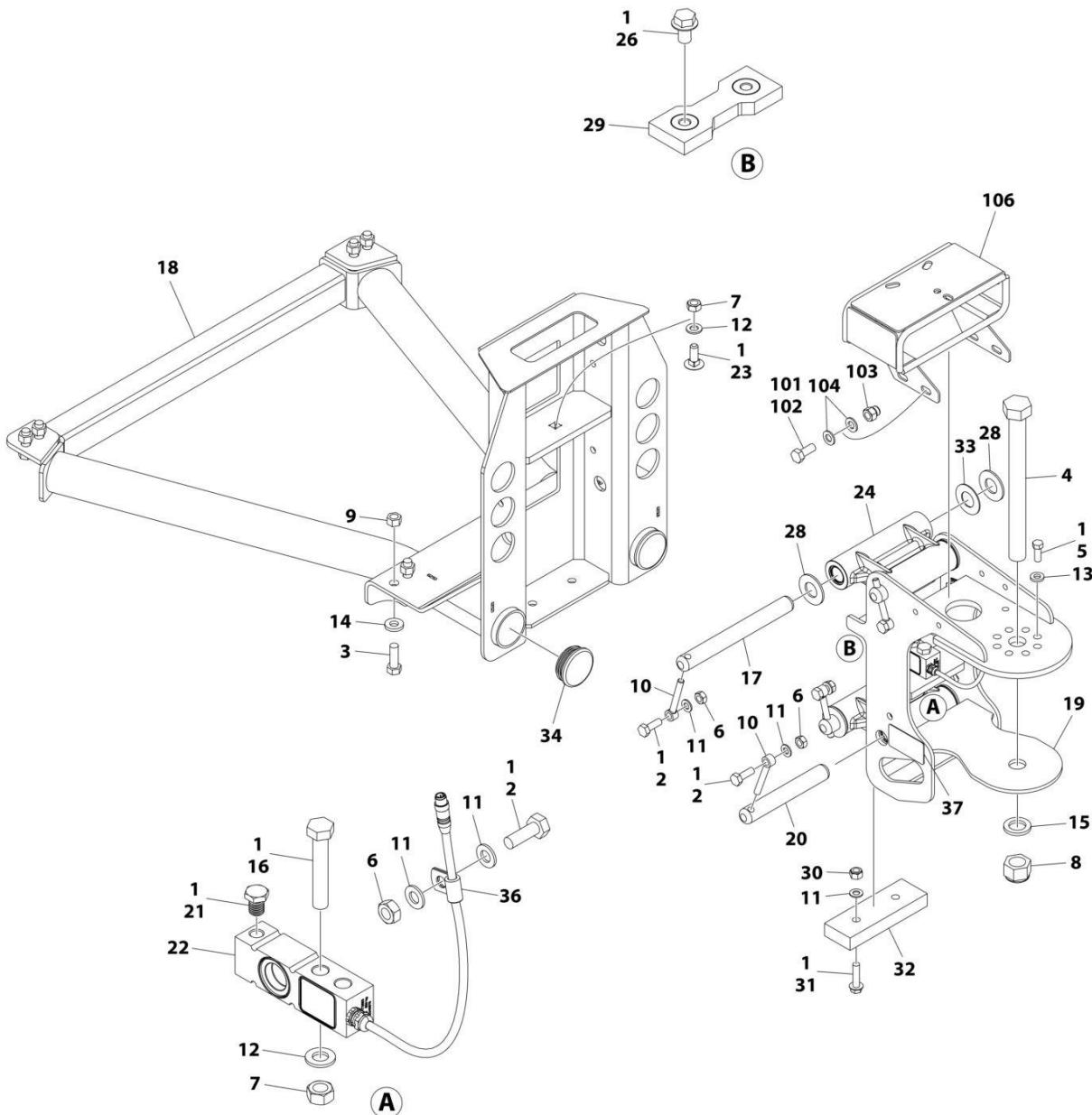
SECTION 4 - BOOM

FIGURE 4-19. PLATFORM SUPPORT INSTALLATION - WITHOUT LSS (SN 0300251321 to Present, SN B300003387 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235513	1	PLATFORM SUPPORT INSTALLATION	
1	0100011	AR	Compound, Locking	A
2	0761216	8	Bolt M12 x 40	
3	0642684	1	Bolt 1 x 10-1/2	
4	0681608	8	Bolt 3/8 x 1	
5	3291205	8	Nut M12	
6	3300243	1	Nut 1	
7	4846573	1	Support	
8	4891600	8	Washer 3/8	
9	4892600	1	Washer 1	
10	5241200	8	Washer M12	
11	1001216630	2	Decal - Tie Down/No Lift	
	1001202688	1	VALVE MOUNT INSTALLATION	
101	0100011	AR	Compound, Locking	C
106	3900283	4	Screw 3/8 x 3/4	
107	4711600	4	Washer 3/8	
108	1001206920	1	Mount, Valve	

SECTION 4 - BOOM

FIGURE 4-20. PLATFORM SUPPORT INSTALLATION - WITH LSS



ART_1001167596

SECTION 4 - BOOM

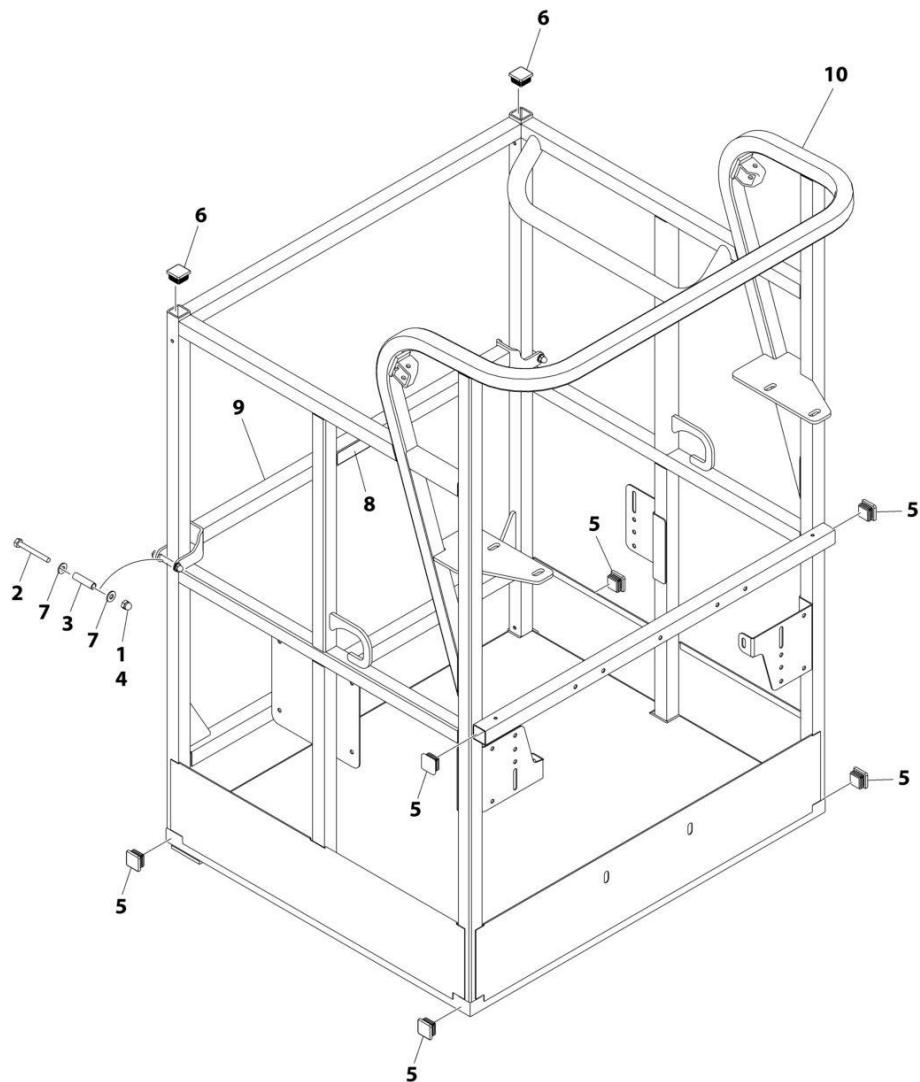
FIGURE 4-20. PLATFORM SUPPORT INSTALLATION - WITH LSS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167596	Ref	PLATFORM SUPPORT INSTALLATION	
1	0100011	AR	Compound, Locking	J
2	0761014	5	Bolt M10 x 30	
3	0641812	8	Bolt 1/2 x 1-1/2	
3	0761216	8	Bolt M12 x 40	
4	0642684	1	Bolt 1 x 10-1/2	
5	0681608	8	Bolt 3/8 x 1	
6	3291001	5	Nut M10	
7	3291201	3	Nut M12	
8	3300243	1	Nut 1	
9	3311805	8	Nut 1/2	
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	4891800	8	Washer 1/2	
14	5241200	8	Washer M12	
15	4892600	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	1001172663	1	Gauge, Load Sensing	
23	1001188844	1	Bolt M12 x 35	
24	1001201351	2	Link	
26	5251008	2	Bolt M10 x 16	
28	1001189002	8	Bearing	
29	1001190985	1	Pad, Wear	
30	3291005	2	Nut M10	
31	5251016	2	Bolt M10 x 40	
32	1001200491	1	Pad, Wear	
33	1001189001	4	Bearing	
34	1001204725	2	Plug	
36	91203039	1	Clamp	
37	1001216630	2	Decal - Tie Down/No Lift	
	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 3FT (76CM X .91M) - DROP BAR ENTRY



ART_1001228215

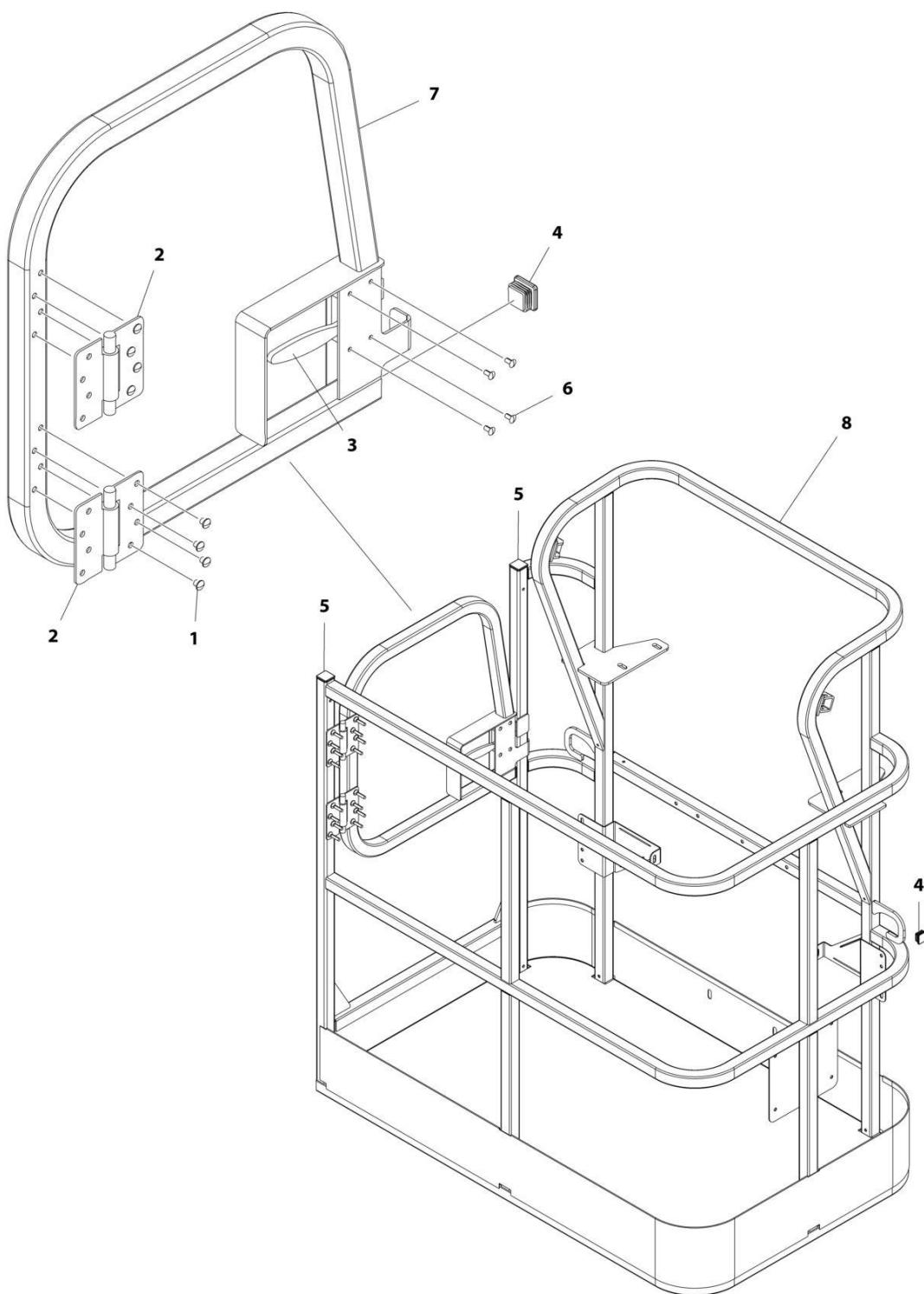
SECTION 5 - PLATFORM

FIGURE 5-1. PLATFORM ASSEMBLY - 30IN X 3FT (76CM X .91M) - DROP BAR ENTRY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228215	Ref	PLATFORM ASSEMBLY - 30IN X 3FT (76CM X .91M) - DROP BAR ENTRY	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, Weldment (Note: Not Available - Purchase Platform Assembly)	

SECTION 5 - PLATFORM

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



ART_1001186387

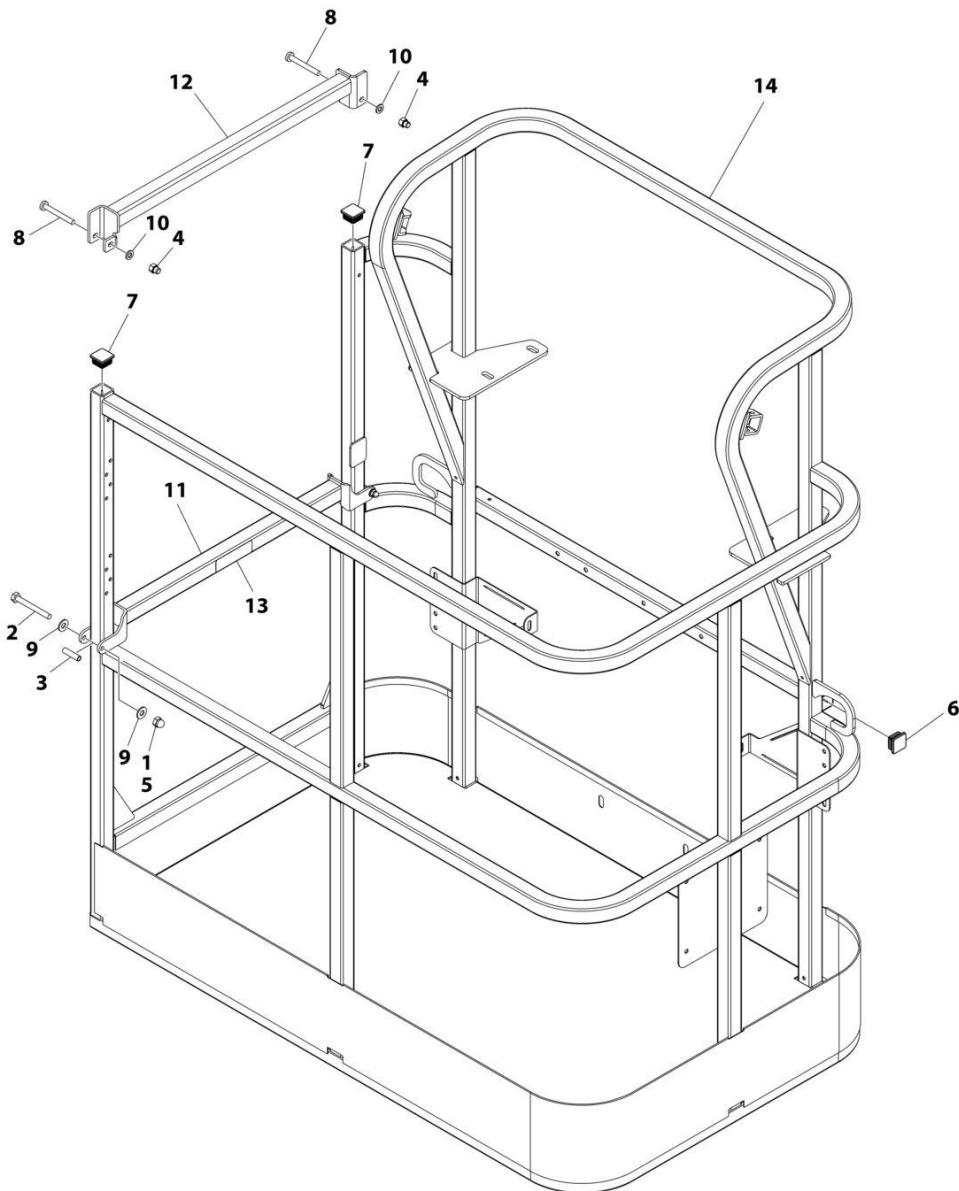
SECTION 5 - PLATFORM

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186387	Ref	PLATFORM ASSEMBLY	
		Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	B
		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	1	Platform (Note: Not Available - Purchase Platform Assembly)	

SECTION 5 - PLATFORM

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



ART_1001186375

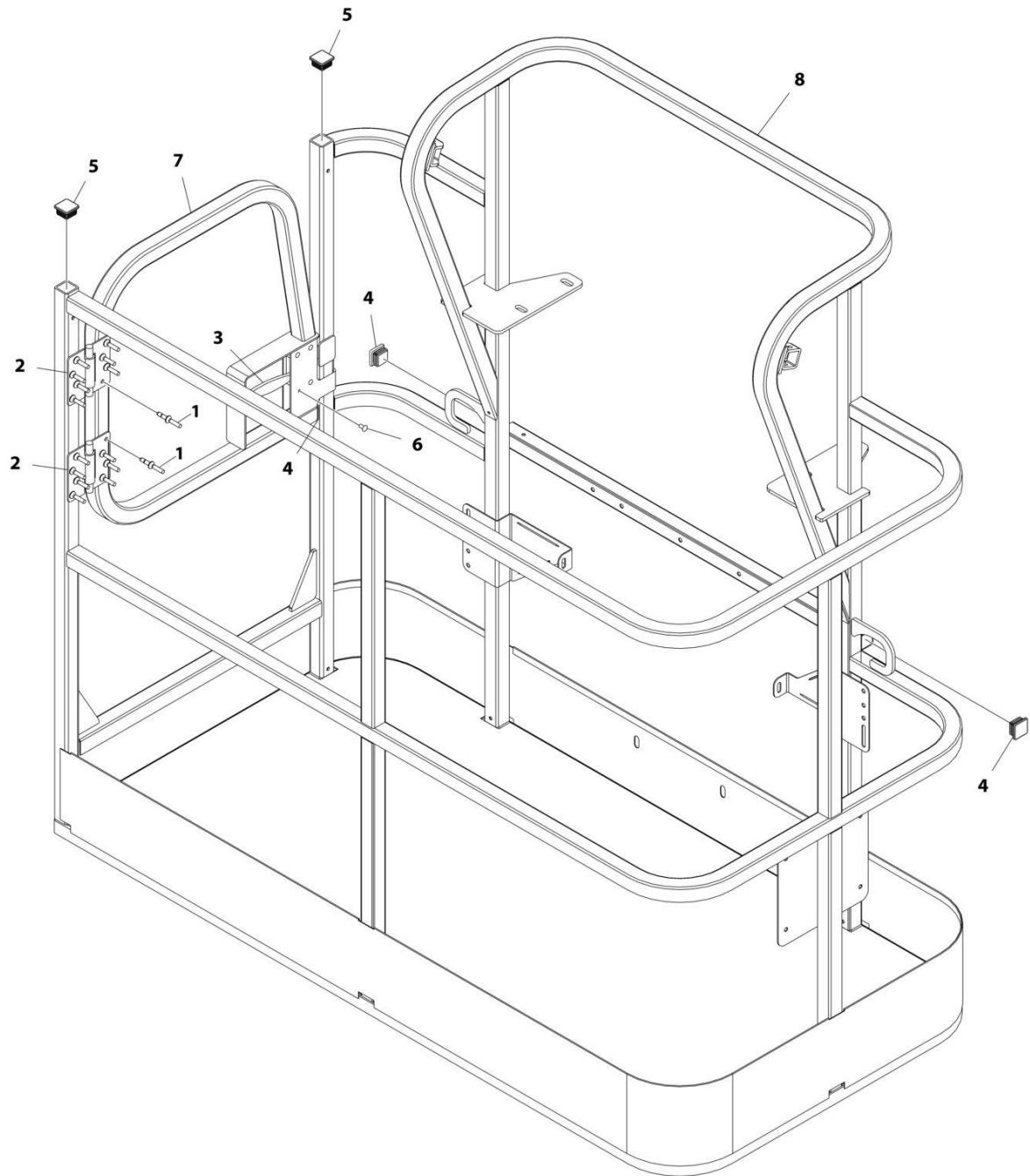
SECTION 5 - PLATFORM

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

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

SECTION 5 - PLATFORM

FIGURE 5-4. PLATFORM ASSEMBLY - 30IN X 5FT (76CM X 1.52M) WITH SWING GATE



ART_1001186386

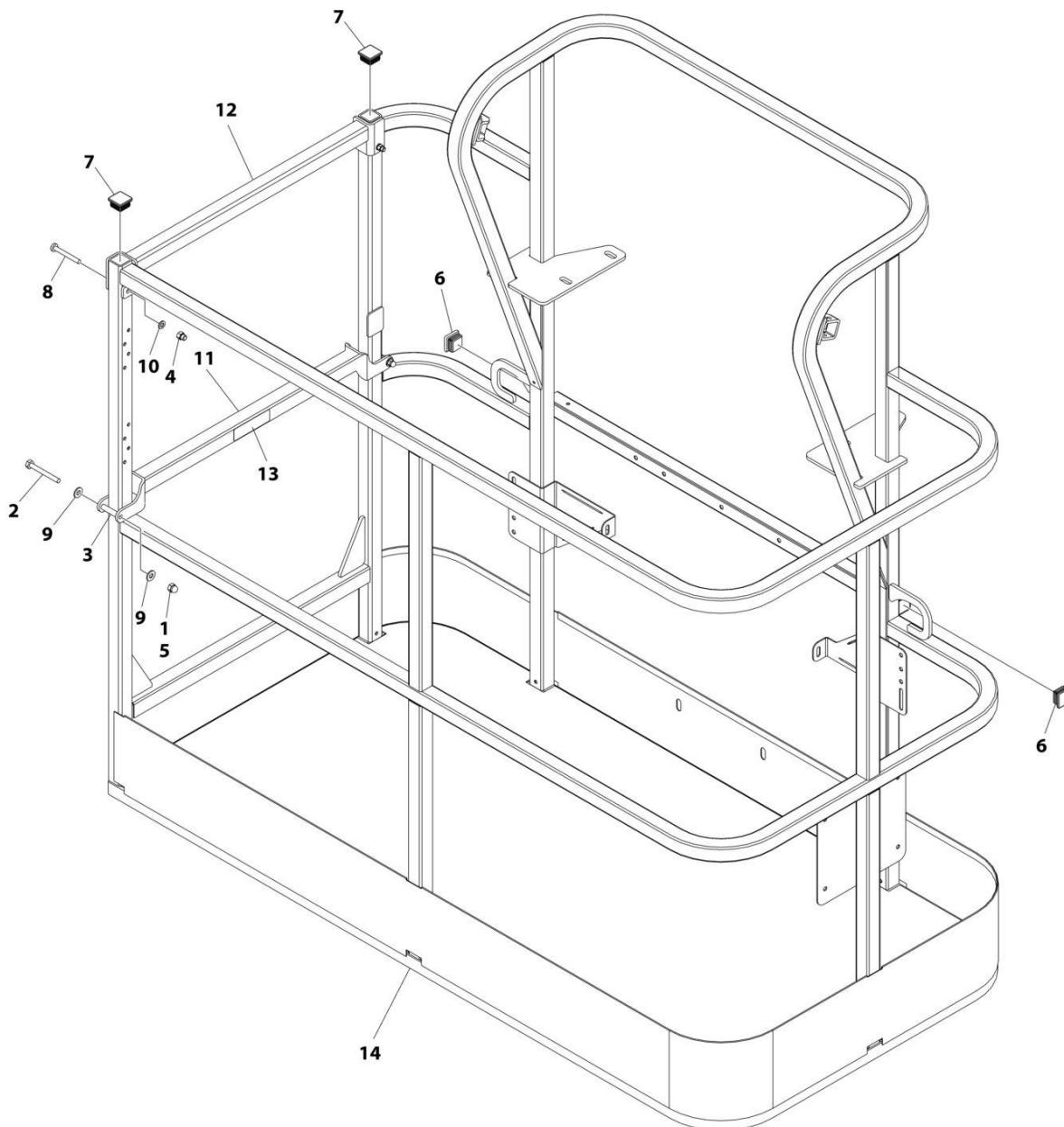
SECTION 5 - PLATFORM

FIGURE 5-4. PLATFORM ASSEMBLY - 30IN X 5FT (76CM X 1.52M) WITH SWING GATE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186386	Ref	PLATFORM ASSEMBLY	
		Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	C
		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: Use p/n 1001186386)	

SECTION 5 - PLATFORM

FIGURE 5-5. PLATFORM ASSEMBLY - 30IN X 5FT (76CM X 1.52M) WITH DROP BAR



ART_1001186377

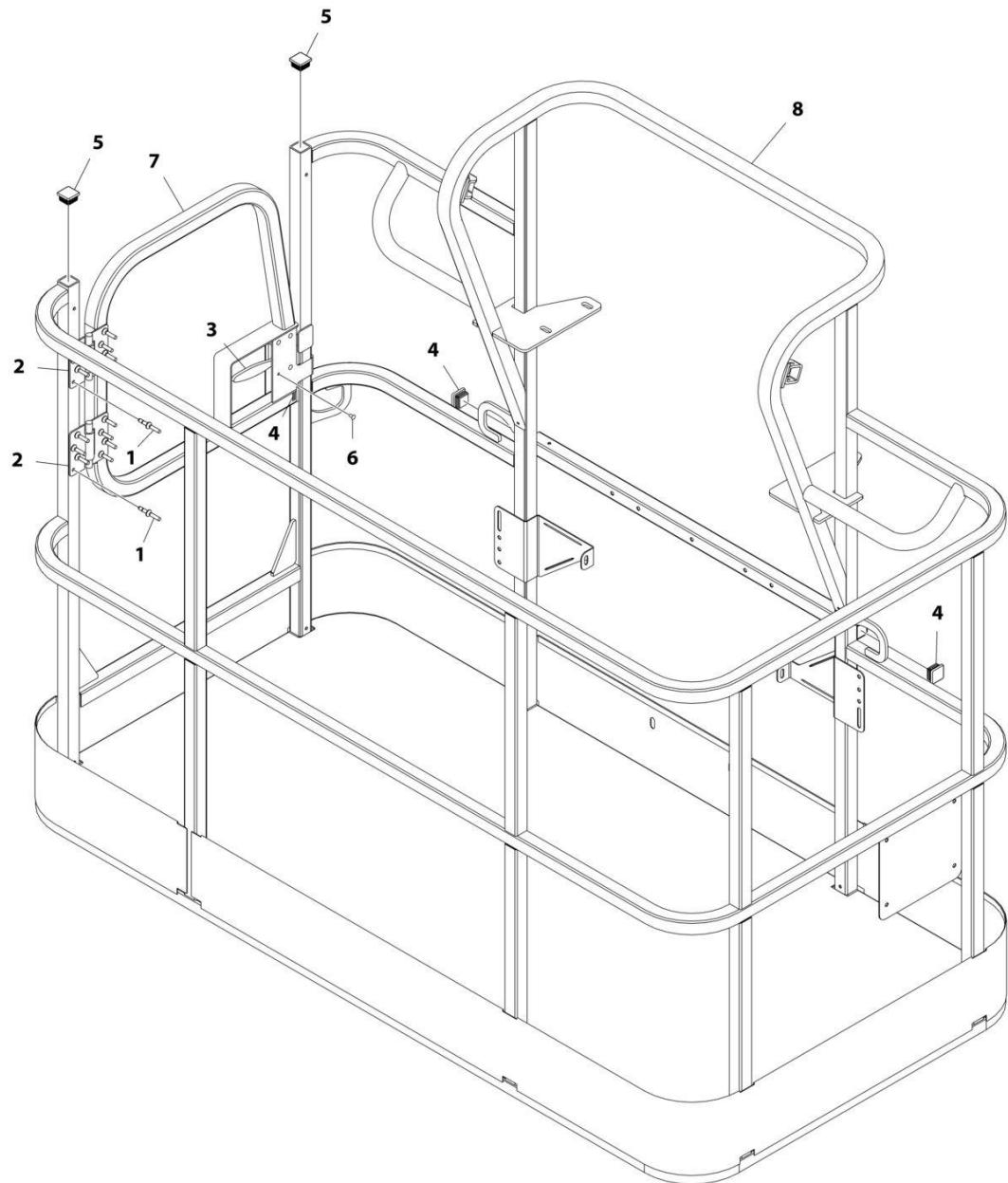
SECTION 5 - PLATFORM

FIGURE 5-5. PLATFORM ASSEMBLY - 30IN X 5FT (76CM X 1.52M) WITH DROP BAR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186377	Ref	PLATFORM ASSEMBLY	
		Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	C
		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: Use p/n 100186377)	

SECTION 5 - PLATFORM

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



ART_1001186384

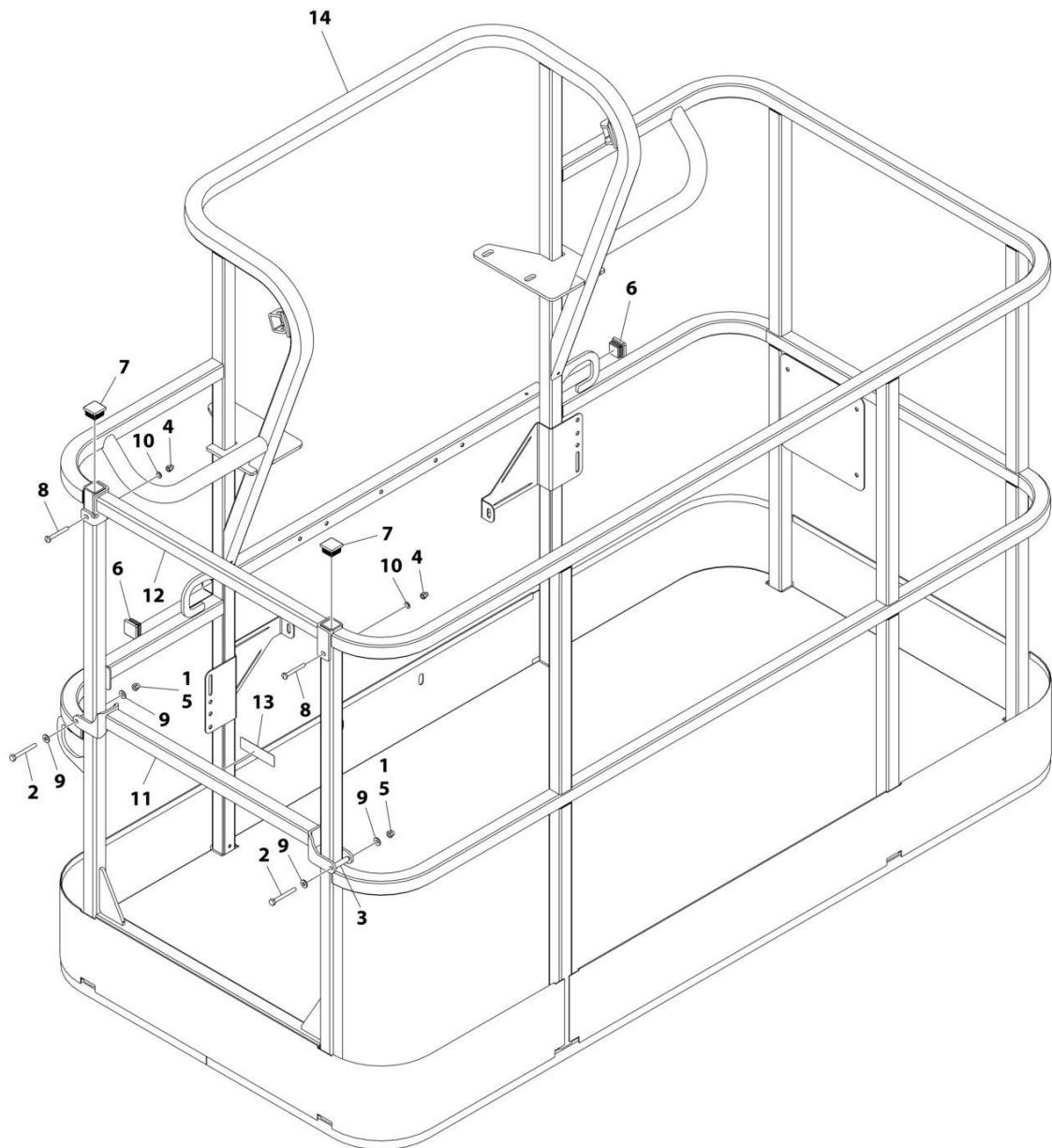
SECTION 5 - PLATFORM

FIGURE 5-6. 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
		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	1	Platform (Note: Not Available - Purchase Platform Assembly)	

SECTION 5 - PLATFORM

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



ART_1001186379

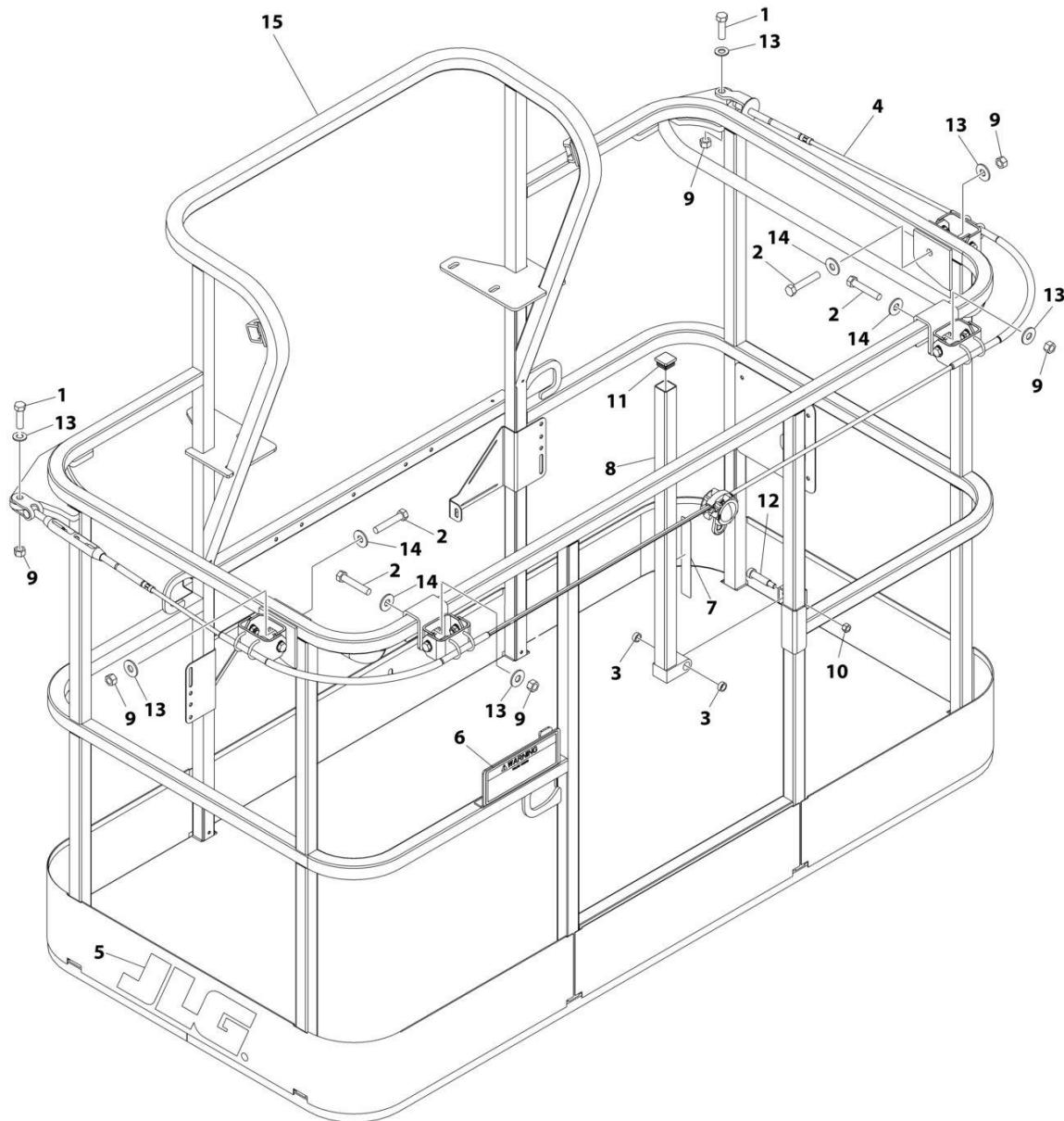
SECTION 5 - PLATFORM

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

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

SECTION 5 - PLATFORM

FIGURE 5-8. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH FALL ARREST (ANSI, ANSI EXPORT, CHINA AND CSA SPECS)



ART_1001186333

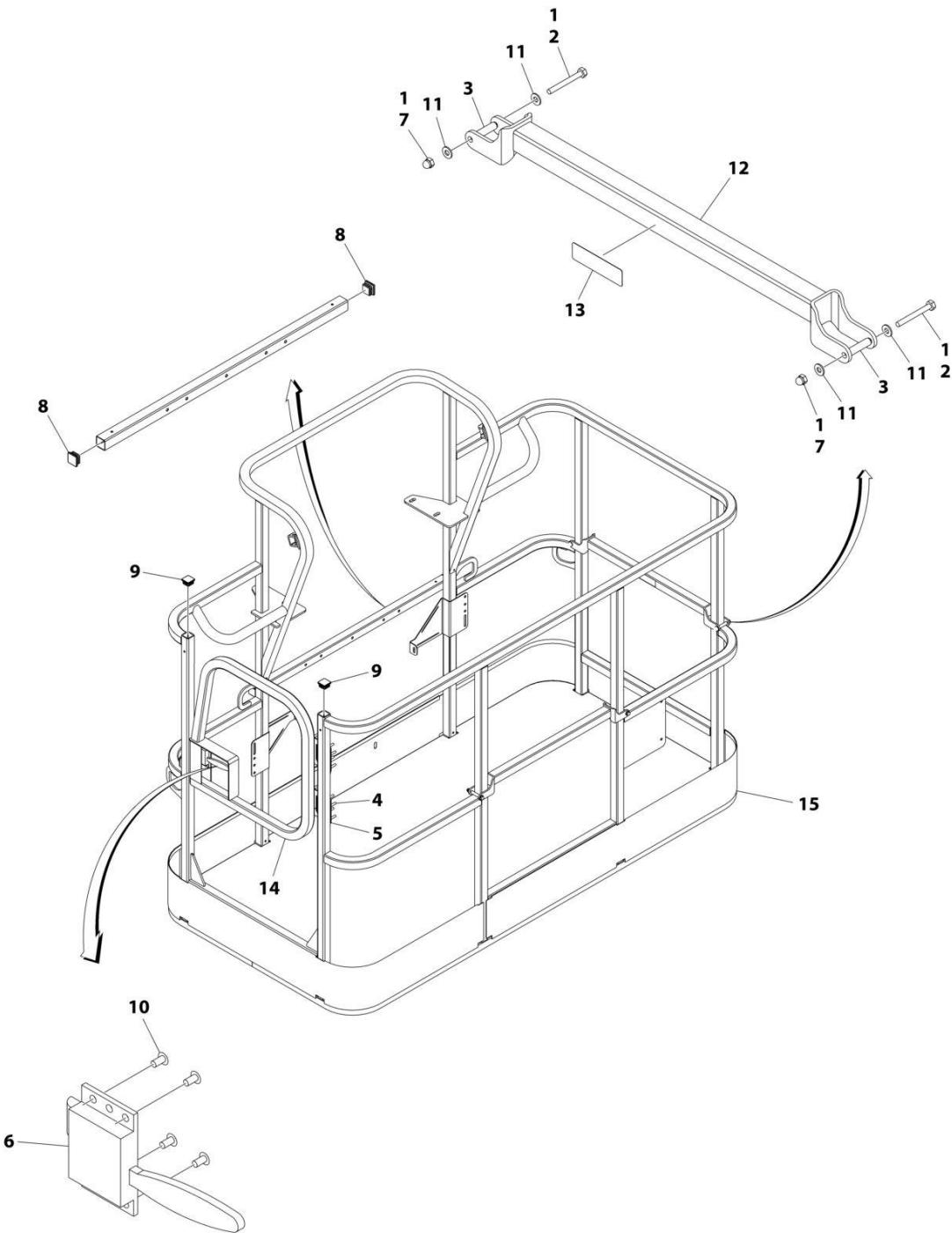
SECTION 5 - PLATFORM

FIGURE 5-8. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH FALL ARREST (ANSI, ANSI EXPORT, CHINA AND CSA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186333	Ref	PLATFORM ASSEMBLY	C
		Ref	Note: Fall Arrest Not Available on Australian and CE Specs.	
		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	1	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 SWING GATE



ART_1001228376

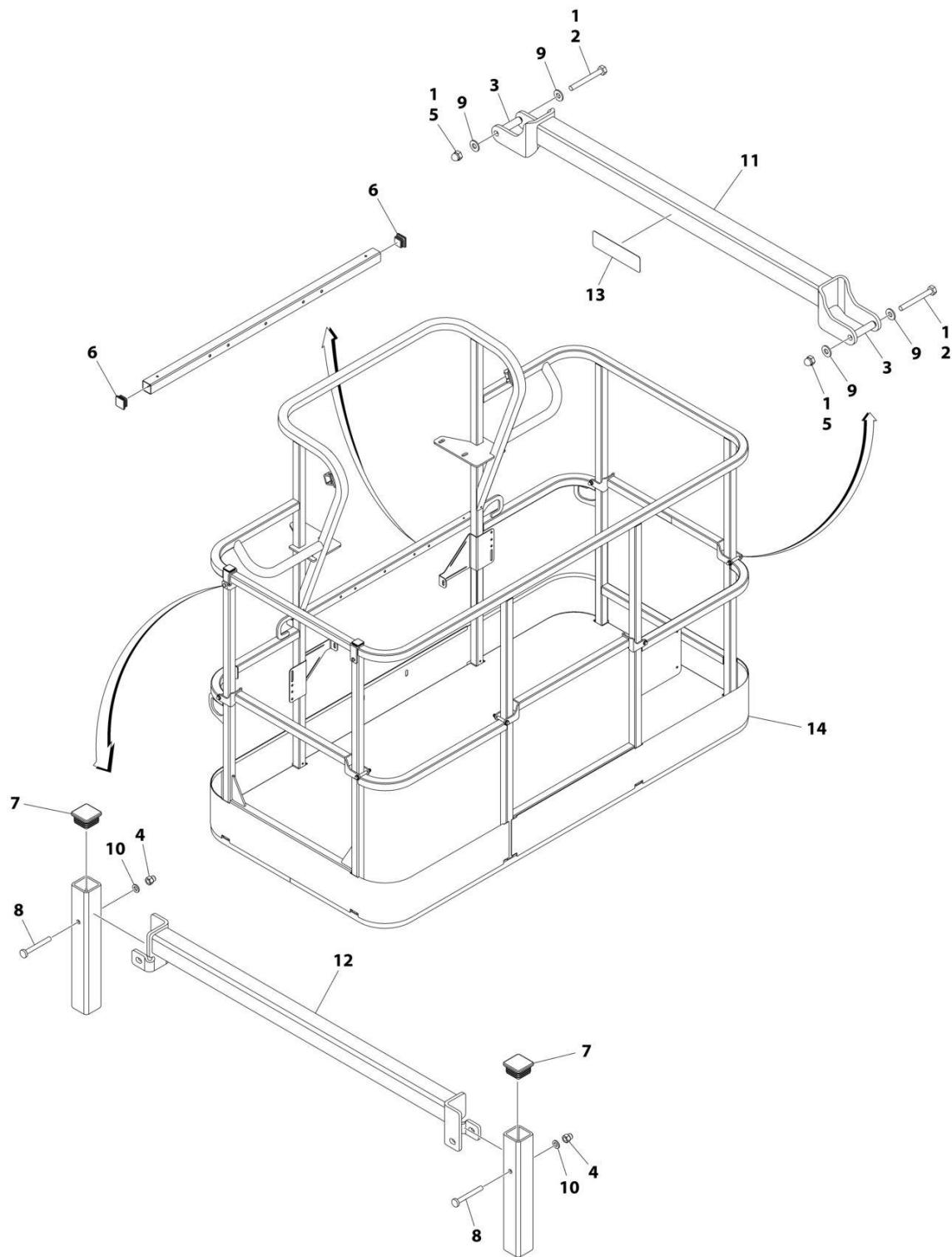
SECTION 5 - PLATFORM

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228376	Ref	PLATFORM ASSEMBLY - 36IN x 6FT (91.5CM x 1.83M)	
		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)	A

SECTION 5 - PLATFORM

FIGURE 5-10. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) TRI-ENTRY WITH DROP BAR



ART_1001228377

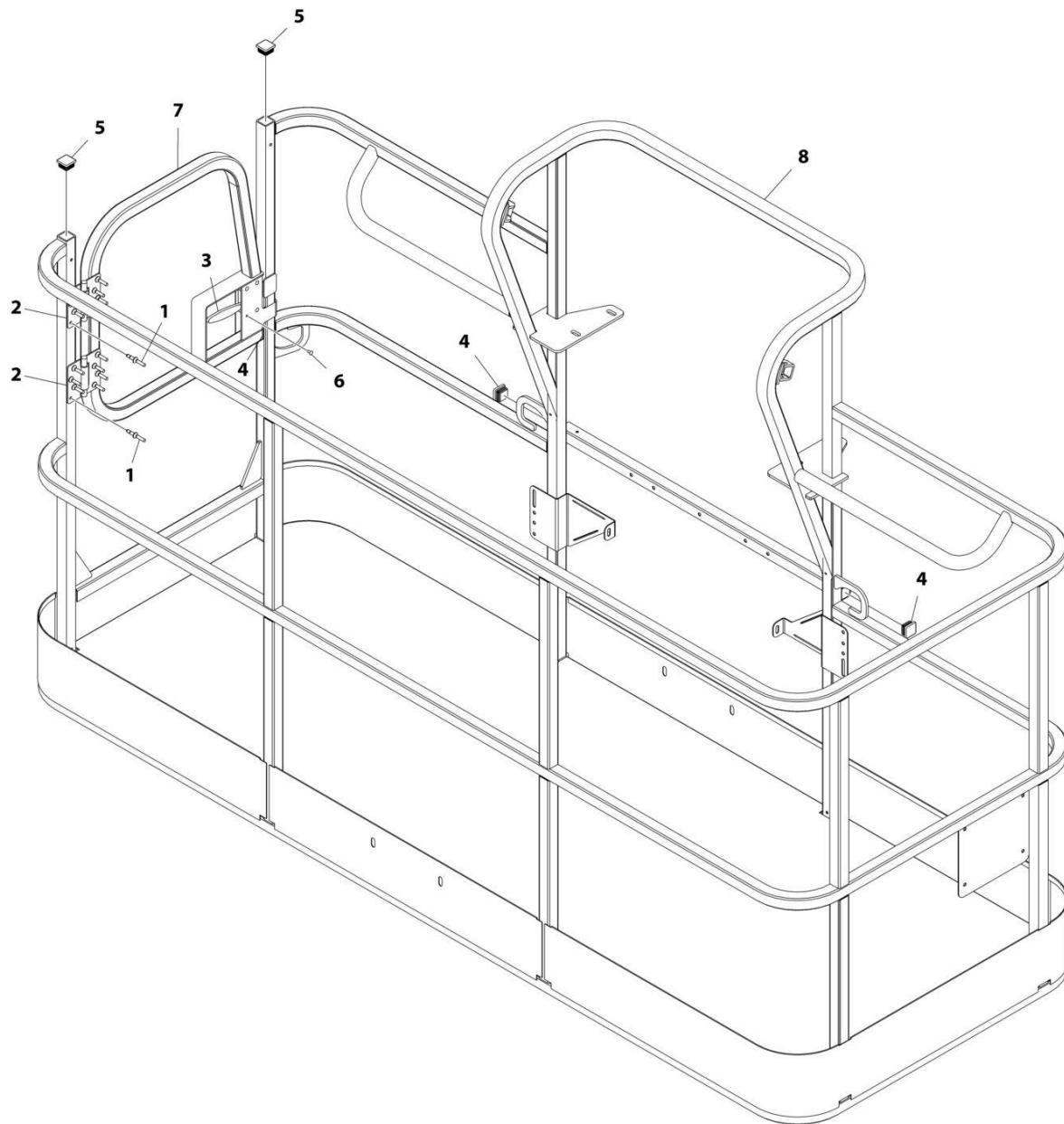
SECTION 5 - PLATFORM

FIGURE 5-10. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) TRI-ENTRY WITH DROP BAR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228377	Ref	PLATFORM ASSEMBLY - 36IN x 6FT (91.5CM x 1.83M)	
		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)	A

SECTION 5 - PLATFORM

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



ART_1001186383

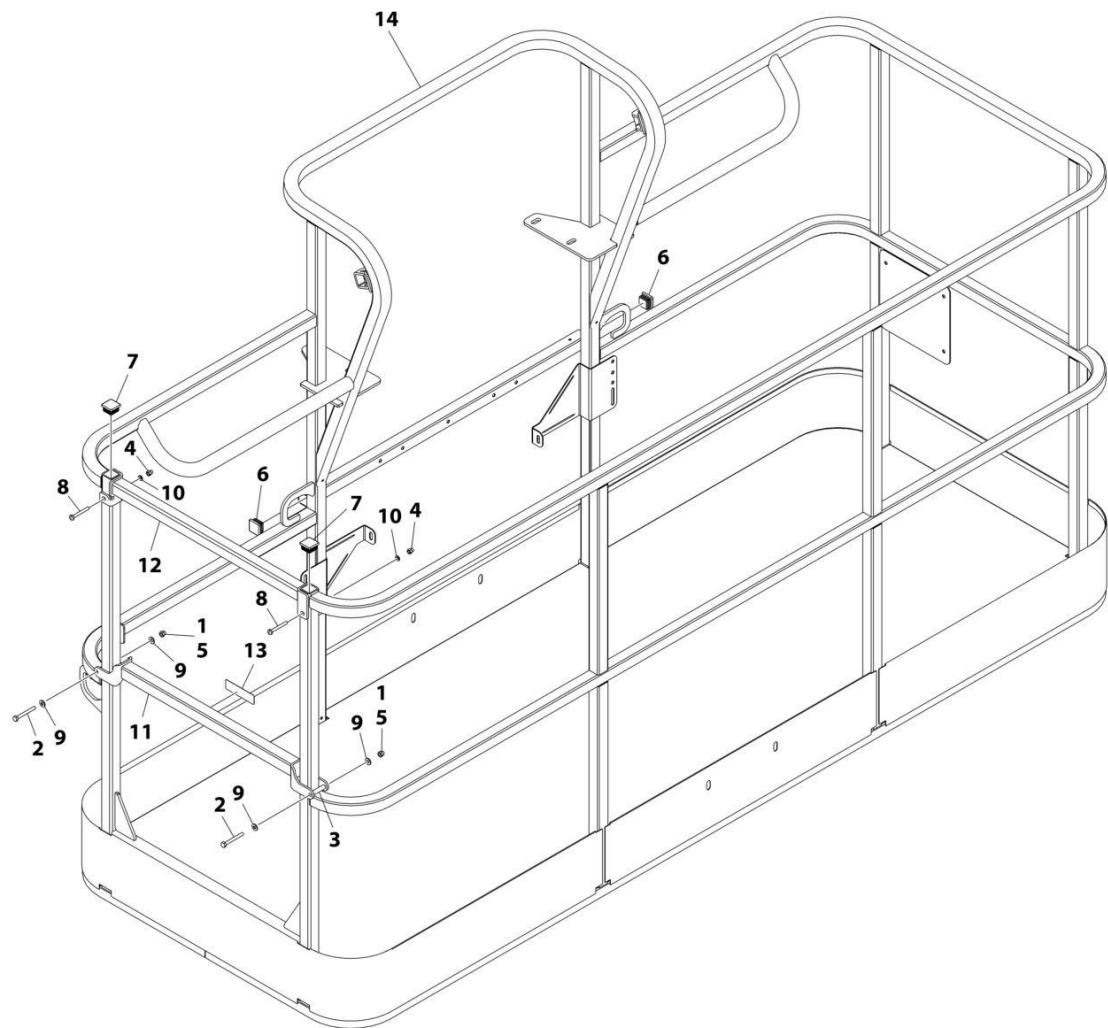
SECTION 5 - PLATFORM

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186383	Ref	PLATFORM ASSEMBLY	
		Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	C
		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	1	Platform (Note: Not Available - Purchase Platform Assembly)	

SECTION 5 - PLATFORM

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



ART_1001186382

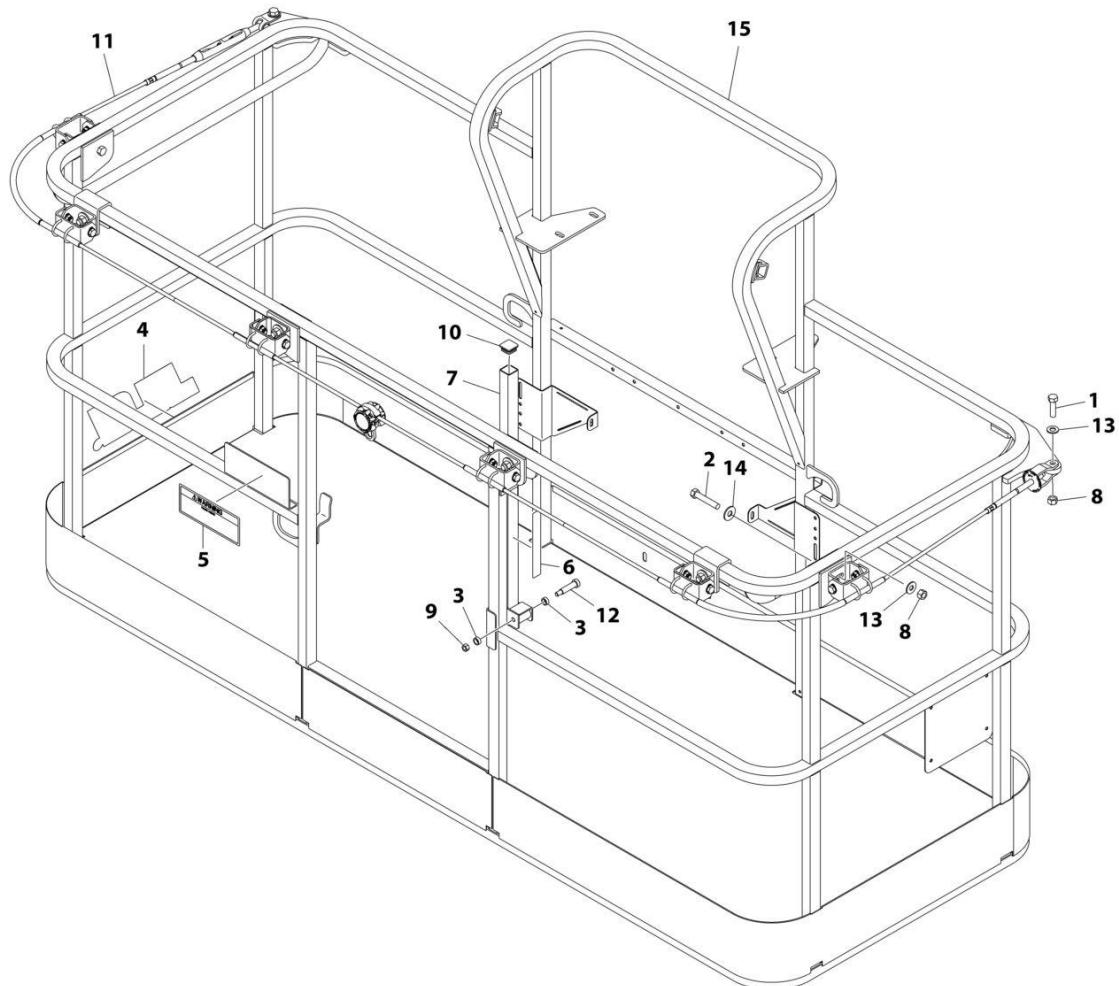
SECTION 5 - PLATFORM

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

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

SECTION 5 - PLATFORM

FIGURE 5-13. PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH FALL ARREST



ART_1001186334

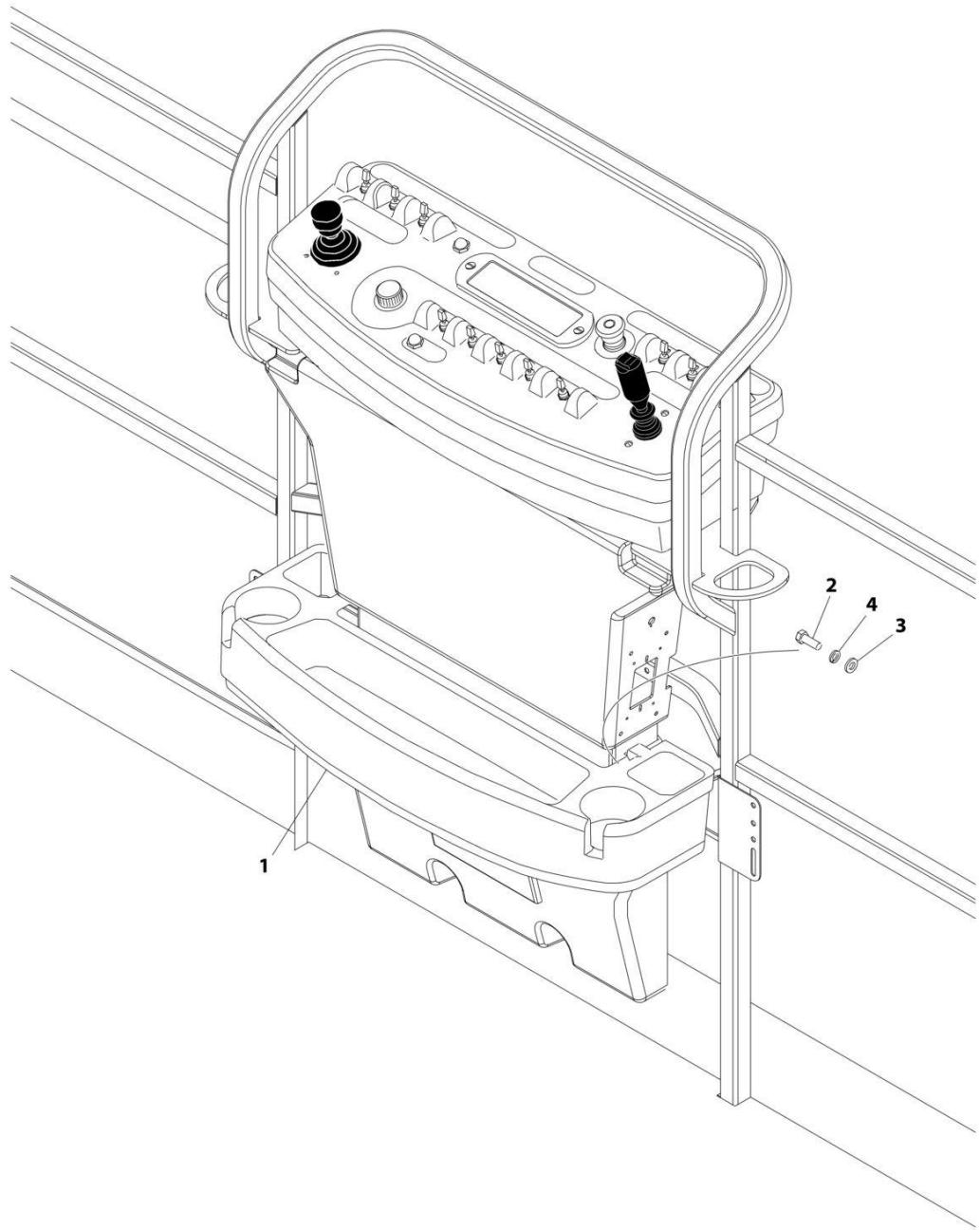
SECTION 5 - PLATFORM

FIGURE 5-13. PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH FALL ARREST

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186334	Ref	PLATFORM ASSEMBLY	
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.	
		Ref	Note: Fall Arrest Not Available on Australian and CE Specs.	
1	0681814	2	Bolt 1/2 x 1-3/4 Grade 8	
2	0681822	6	Bolt 1/2 x 2-3/4 Grade 8	
3	0962270	2	Bearing	
4	1702773	1	Decal - JLG	
5	1705014	1	Decal - Safety	
6	1706385	1	Decal - Drop Bar	
7	2410014	1	Bar, Drop	
8	3271805	8	Nut 1/2 Grade 8	
9	3311605	1	Nut 3/8	
10	3520072	1	Plug	
11	1001203656	1	Cable	
12	3900054	1	Bolt 1/2 x 1-3/4	
13	4711800	2	Washer 1/2	
14	4751800	6	Washer 1/2	
15	See Note	NSS	Platform (Note: Purchase Platform Assembly)	D

SECTION 5 - PLATFORM

FIGURE 5-14. TRAY ASSEMBLY



ART_1580012

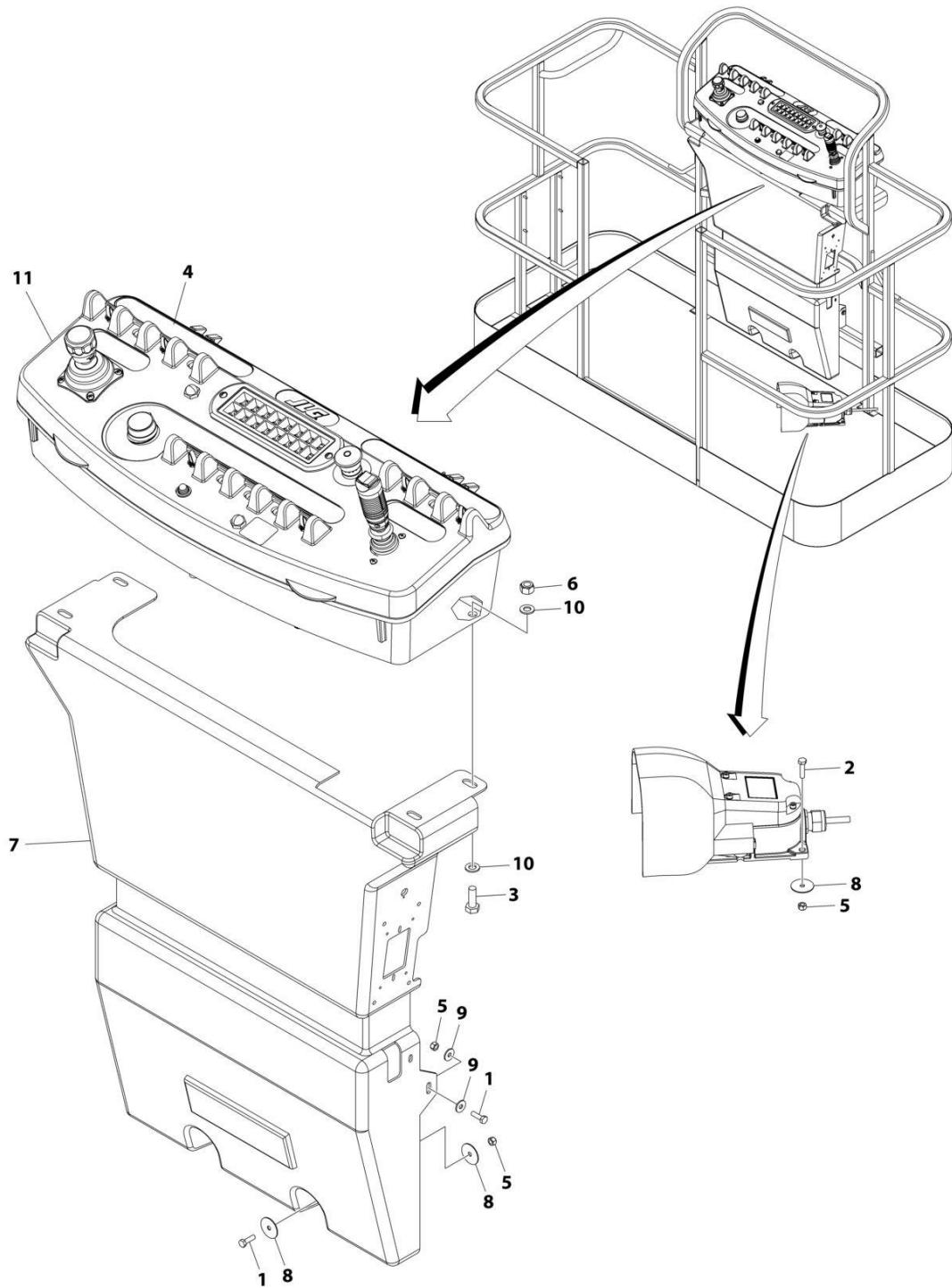
SECTION 5 - PLATFORM

FIGURE 5-14. TRAY ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1580012 See Note	Ref 1	TRAY ASSEMBLY Tray, Storage (Center) (Note: Purchase p/n 1580012)	C
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 5-15. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION



ART_1001192466

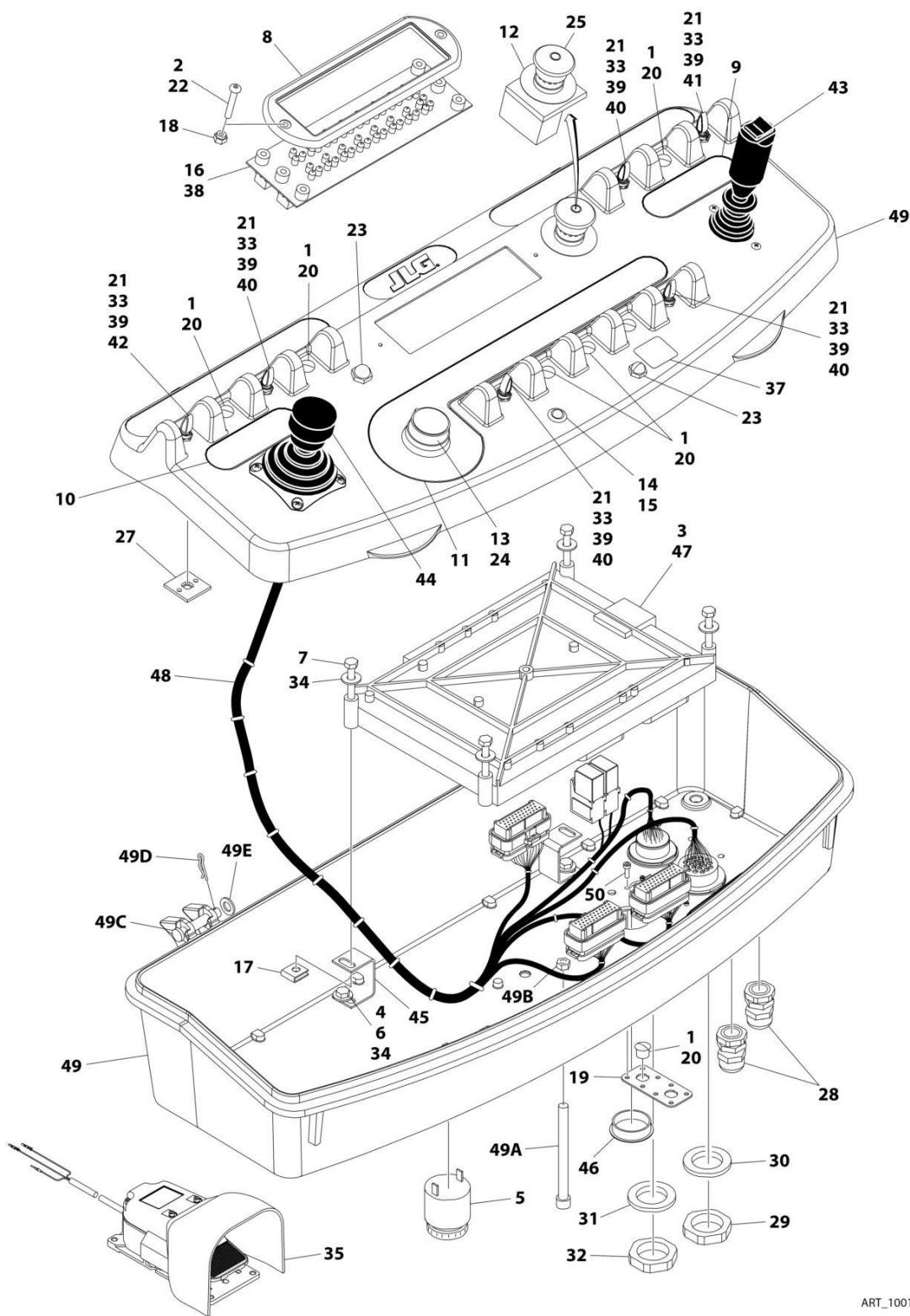
SECTION 5 - PLATFORM

FIGURE 5-15. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001192466	Ref	PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION	C
1	0700610	4	Bolt M6 x 20	
2	0700612	3	Bolt M6 x 25	
3	0701014	4	Bolt M10 x 30	
4	1001184626	1	Decal - Horn	
5	3290605	7	Nut M6	
6	3291005	4	Nut M10	
7	3380434	1	Panel	
8	4740362	7	Washer	
9	4811702	4	Washer M6	
10	4812000	8	Washer M10	
11	1001202587	1	Platform Console Assembly (See Separate Breakdown in this Section)	

SECTION 5 - PLATFORM

FIGURE 5-16. CONSOLE BOX ASSEMBLY



ART_1001202587

SECTION 5 - PLATFORM

FIGURE 5-16. CONSOLE BOX ASSEMBLY

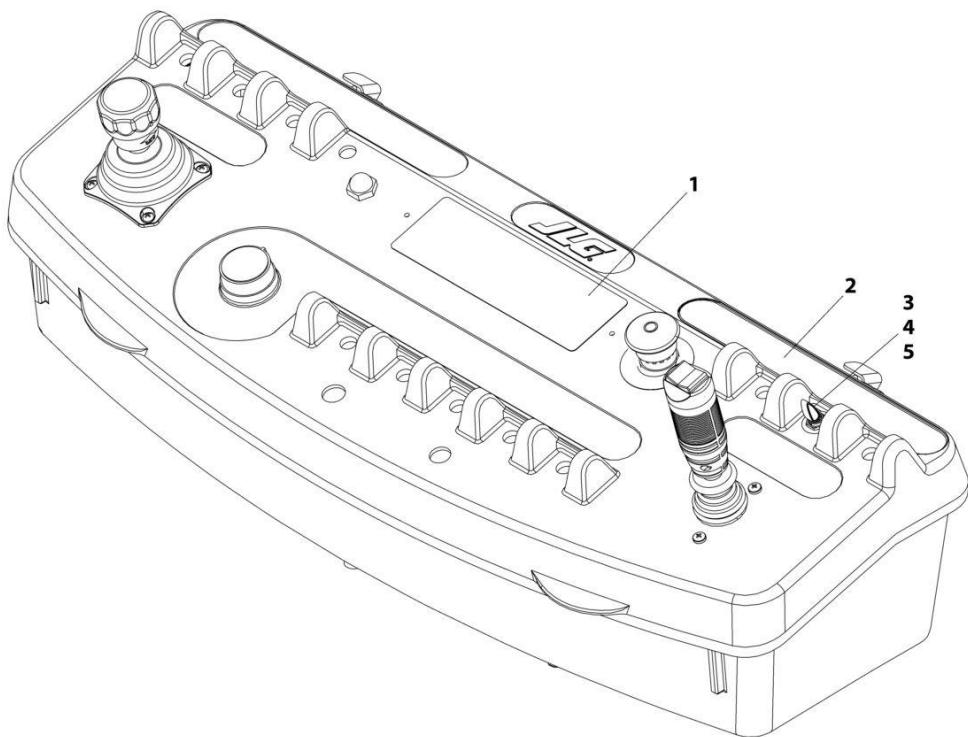
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202587	Ref	CONSOLE BOX ASSEMBLY	
1	0100009	AR	Sealant	
2	0100035	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0100081	AR	Adhesive	
5	0140011	1	Alarm	
6	0641404	4	Bolt 1/4 x 1/2	
7	0641414	4	Bolt 1/4 x 1-3/4	
8	1670829	1	Bezel	
9	1702565	1	Decal - Drive and Steer	
10	1702566	1	Decal - Lift and Swing	
11	1702567	1	Decal - Function Speed	
12	1704260	1	Decal - Emergency Stop	
13	2560136	1	Handle, Knob	
14	2920028	1	Light, Indicator	
15	2920029	1	Bulb, Light	
16	1001170838	1	Gauge, LED	
17	3300353	4	Nut, Tinnerman	
18	3311005	2	Nut #10	
19	1001213882	1	Mount, Connector	
20	3520054	7	Plug	
21	3790012	6	O-Ring	
22	3911018	2	Screw #10 x 1-1/8	
23	4360387	2	Switch, Push Button	
24	4360407	1	Controller, Speed	
24	4460224	1	Receptacle, Female - 6 Position	
24	4460226	6	Socket, Female	
24	See Note	1	Gasket "Top Hat" (Included with Switch) (Note: Not Available - Purchase Complete Controller)	
24	70003784	1	Seal	
25	4360475	1	Switch, Emergency Stop	
25	7020175	1	Cap, Red	
25	7020176	1	Block, Contact	
27	4460234	3	Mount, Tie-Strap	
28	4460428	2	Connector, Strain Relief	
29	4460470	1	Nut, Terminal	
30	4460471	1	Washer, Terminal	
31	4460496	1	Washer, Terminal	
32	4460497	1	Nut, Terminal	
33	4740397	6	Washer	
34	4751400	8	Washer 1/4	
35	1001117174	1	Footswitch Assembly (See Separate Breakdown in this Section)	
37	1001144433	1	Decal - No Weight SkyGuard	
38	1001146220	1	Fixture, Light	
39	1001155044	6	Nut 15/32	
40	1001155045	5	Switch, Toggle	
41	1001159256	1	Switch, Toggle	
42	1001161709	1	Switch, Toggle	
43	1001166538	NLA	Controller Assembly (Drive and Steer) (Use p/n 1001212415) (See Separate Breakdown in this Section)	

SECTION 5 - PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
44	1001166539	NLA	Controller Assembly (Lift and Swing) (Use p/n 10012129555) (See Separate Breakdown in this Section)	
45	1001172760	4	Bracket	
46	1001185281	1	Plug	
47	1001185726	1	Module, Platform (Note: Re-calibration Required when Replaced)	
48	1001196222	1	Platform Console Harness (See Separate Breakdown in ELECTRICAL SECTION)	
49	1001215228	1	Console Box Assembly	
49A	0630568	1	Capscrew 3/8 x 4-1/2	
49B	3311601	1	Nut 3/8	
49C	3430616	2	Pin	
49D	3470003	2	Hairpin	
49E	4711600	2	Washer 3/8	
50	3900349	8	Capscrew M2.5 x 8	

SECTION 5 - PLATFORM

FIGURE 5-17. DECAL AND LIGHT PANEL INSTALLATION - 600S (ALL SPECS EXCEPT AUSTRALIAN AND CE SPECS)



ART_1001167963

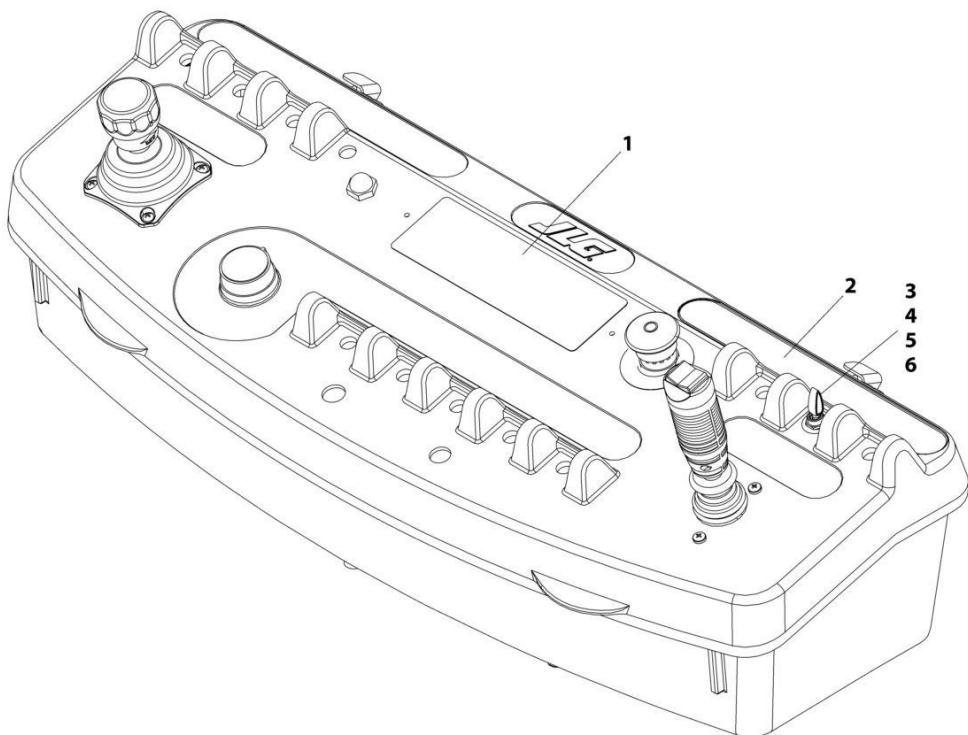
SECTION 5 - PLATFORM

FIGURE 5-17. DECAL AND LIGHT PANEL INSTALLATION - 600S (ALL SPECS EXCEPT AUSTRALIAN AND CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167963	Ref	DECAL AND LIGHT PANEL INSTALLATION	
1	1001167962	1	Decal - Display	C
2	1001195947	1	Decal - Stop and Aux Power	
3	3790012	1	O-Ring	
4	1001155044	1	Nut 15/32	
5	1001161710	1	Switch, Toggle	

SECTION 5 - PLATFORM

FIGURE 5-18. DECAL AND LIGHT PANEL INSTALLATION - 600S (CE SPECS)



ART_1001184620

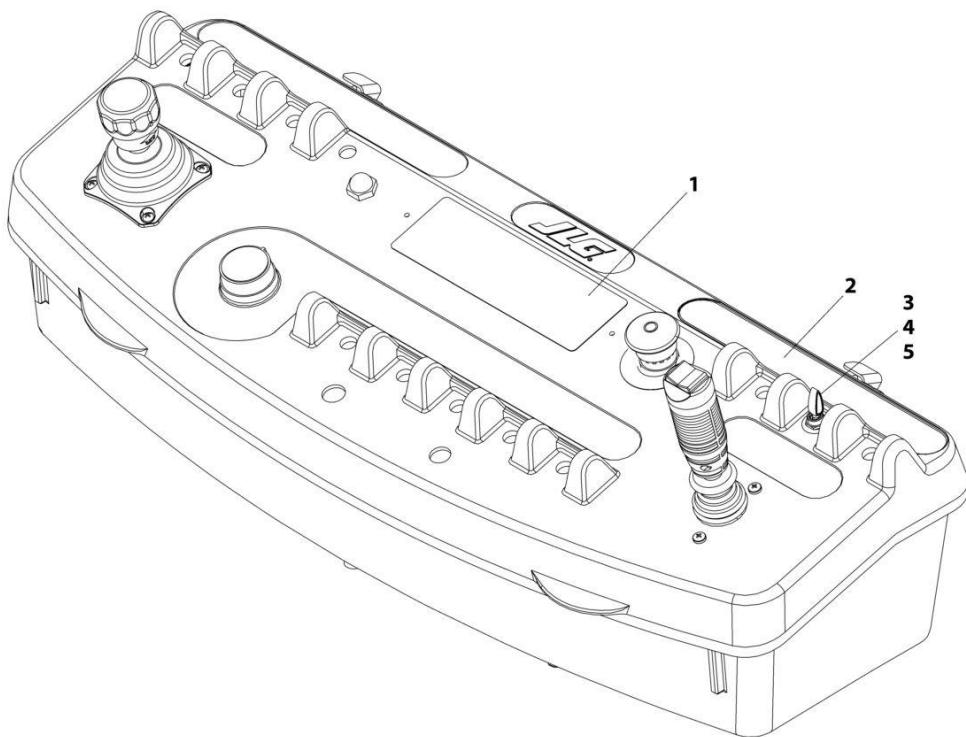
SECTION 5 - PLATFORM

FIGURE 5-18. DECAL AND LIGHT PANEL INSTALLATION - 600S (CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001184620	Ref	DECAL AND LIGHT PANEL INSTALLATION	B
1	1001184621	1	Decal - Display	
2	1001184619	1	Decal - Stop and Aux Power	
3	3790012	1	O-Ring	
4	1001155044	1	Nut 15/32	
5	1001161710	1	Switch, Toggle	
6	4740397	1	Spacer	

SECTION 5 - PLATFORM

FIGURE 5-19. DECAL AND LIGHT PANEL INSTALLATION - 660SJ (ALL SPECS EXCEPT AUSTRALIAN AND CE SPECS)



ART_1001193238

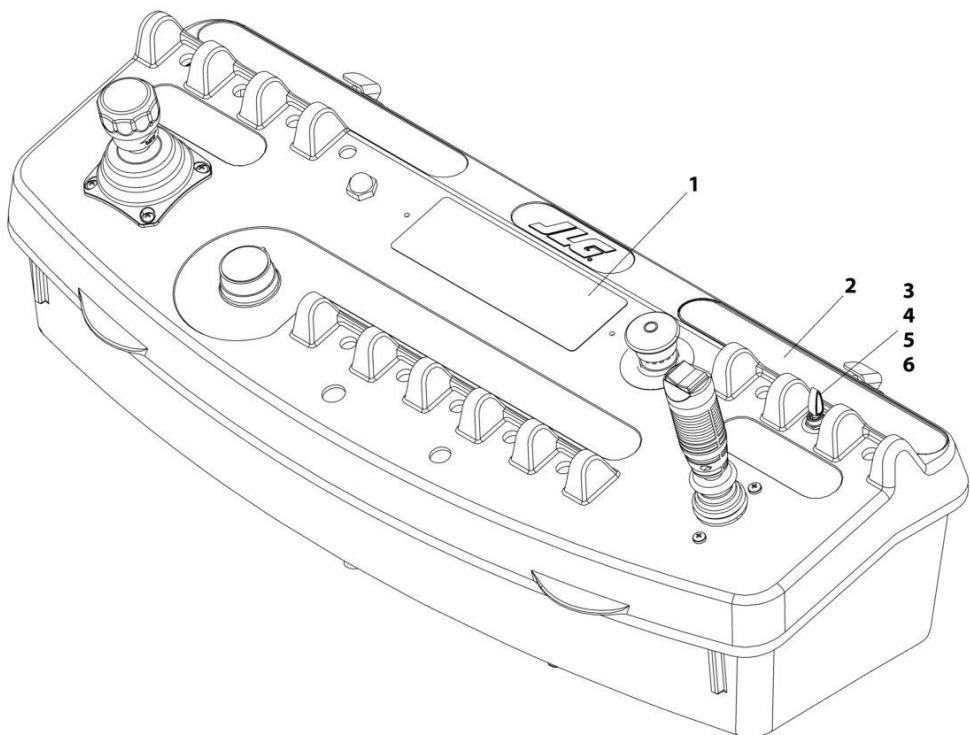
SECTION 5 - PLATFORM

FIGURE 5-19. DECAL AND LIGHT PANEL INSTALLATION - 660SJ (ALL SPECS EXCEPT AUSTRALIAN AND CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001193238	Ref	DECAL AND LIGHT PANEL INSTALLATION	
1	1001193756	1	Decal - Display	B
2	1001207105	1	Decal - Stop and Aux Power	
3	3790012	1	O-Ring	
4	1001155044	1	Nut 15/32	
5	1001161710	1	Switch, Toggle	

SECTION 5 - PLATFORM

FIGURE 5-20. DECAL AND LIGHT PANEL INSTALLATION - 660SJ (AUSTRALIAN AND CE SPECS)



ART_1001193239

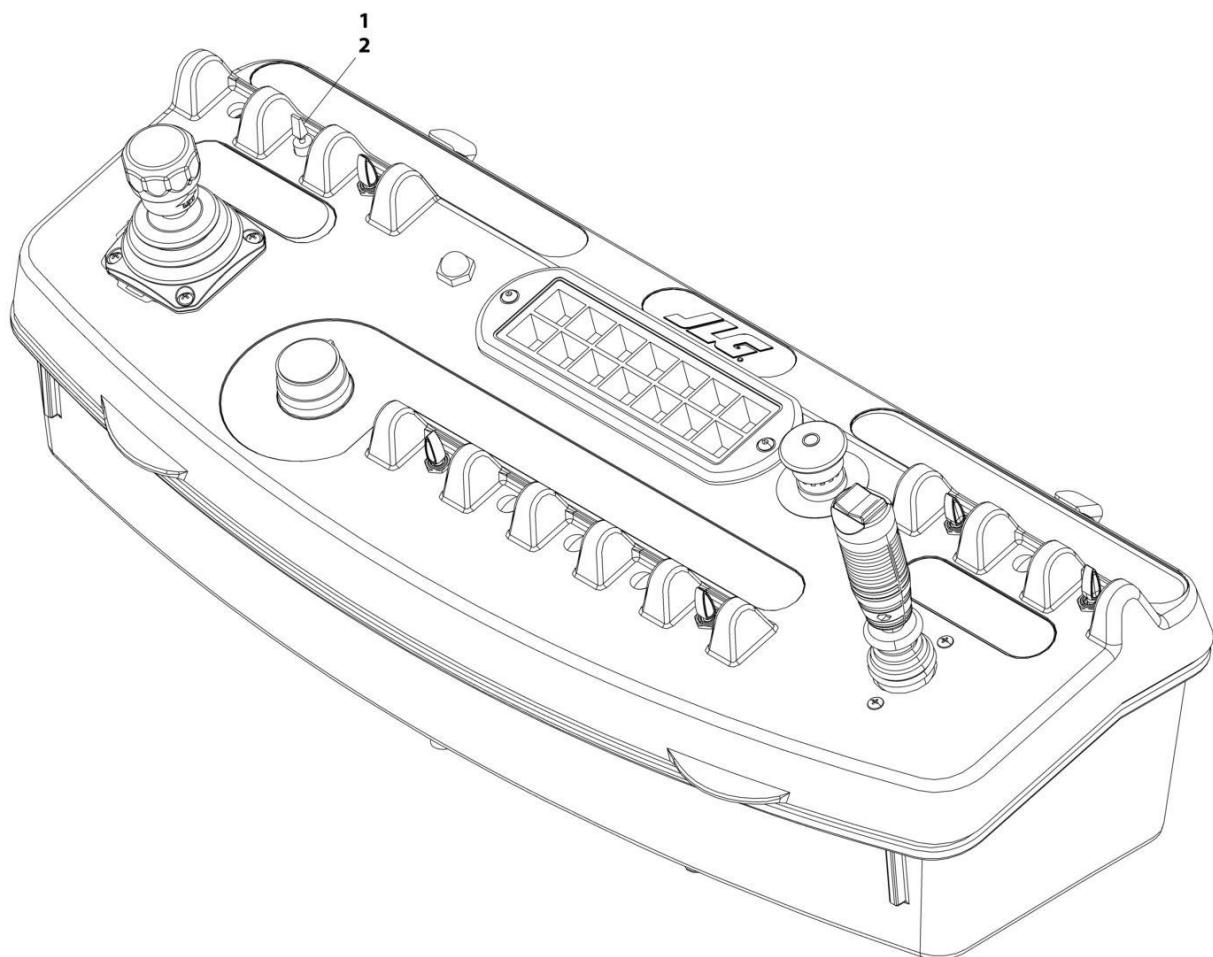
SECTION 5 - PLATFORM

FIGURE 5-20. DECAL AND LIGHT PANEL INSTALLATION - 660SJ (AUSTRALIAN AND CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001193239	Ref	DECAL AND LIGHT PANEL INSTALLATION	B
1	1001193757	1	Decal - Display	
2	1001193758	1	Decal - Stop and Aux Power	
3	3790012	1	O-Ring	
4	1001155044	1	Nut 15/32	
5	1001161710	1	Switch, Toggle	
6	4740397	1	Washer	

SECTION 5 - PLATFORM

FIGURE 5-21. STEER SWITCH INSTALLATION WITHOUT TOW PACKAGE (4WD/4WS MACHINES)



ART_1001181771

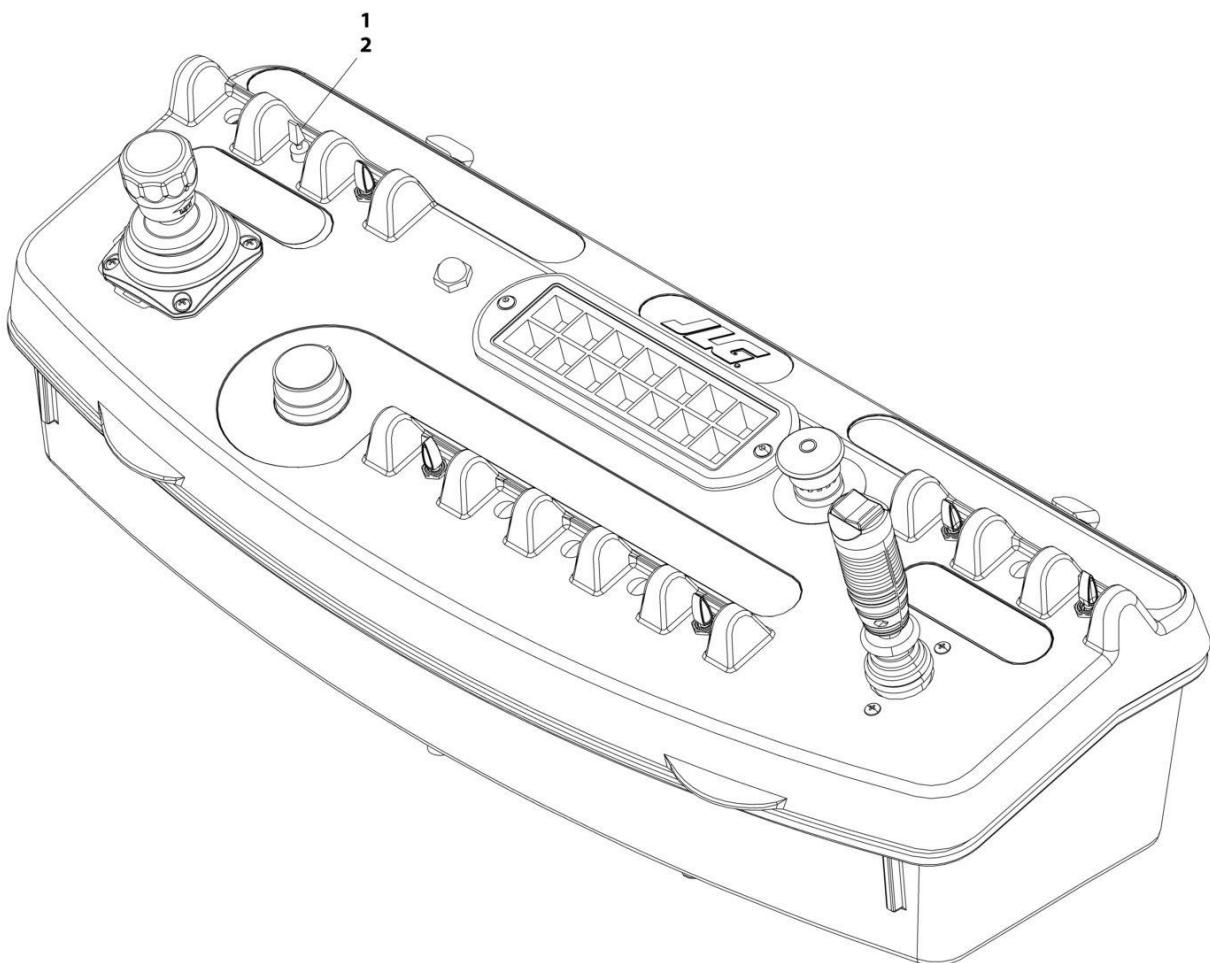
SECTION 5 - PLATFORM

FIGURE 5-21. STEER SWITCH INSTALLATION WITHOUT TOW PACKAGE (4WD/4WS MACHINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001181771	Ref	STEER SWITCH INSTALLATION	A
2	3790012	1	O-Ring	
	4360331	1	Switch, Toggle	

SECTION 5 - PLATFORM

FIGURE 5-22. STEER SWITCH INSTALLATION WITH TOW PACKAGE (4WD/4WS MACHINES)



ART_1001181773

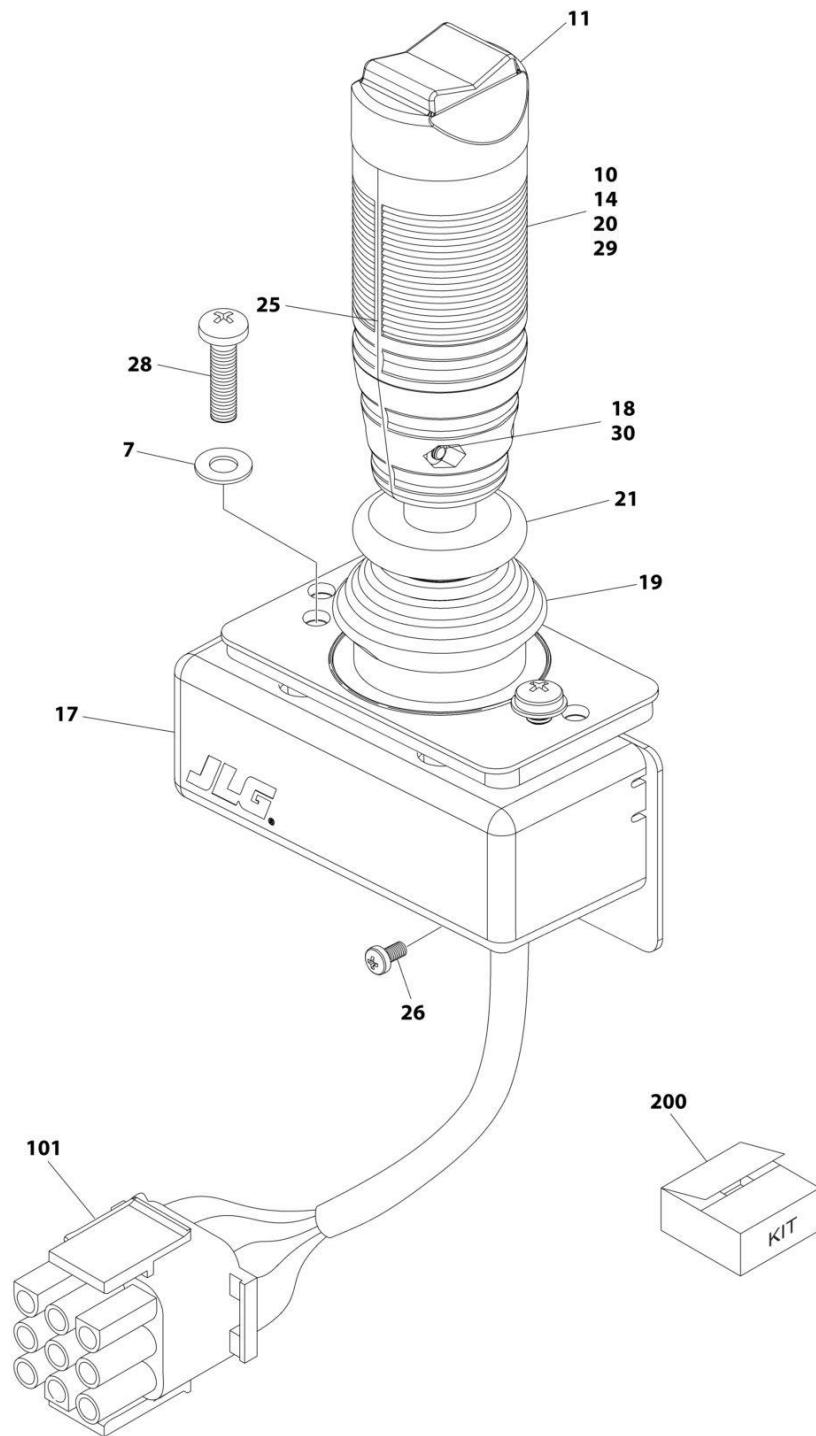
SECTION 5 - PLATFORM

FIGURE 5-22. STEER SWITCH INSTALLATION WITH TOW PACKAGE (4WD/4WS MACHINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001181773	Ref	STEER SWITCH INSTALLATION	A
2	3790012	1	O-Ring	
	4360331	1	Switch, Toggle	

SECTION 5 - PLATFORM

FIGURE 5-23. CONTROLLER ASSEMBLY (DRIVE AND STEER)



ART_1001166538

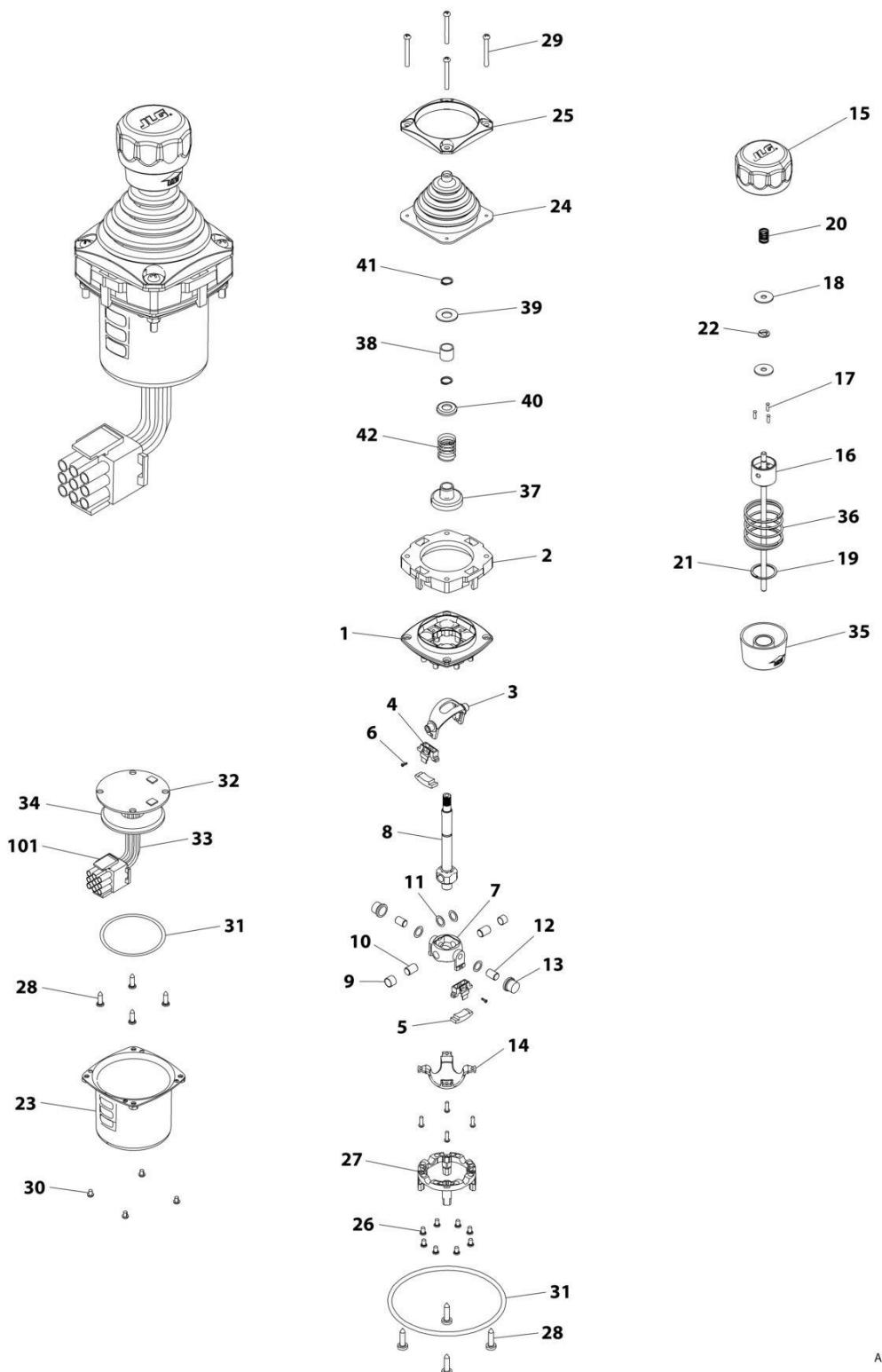
SECTION 5 - PLATFORM

FIGURE 5-23. CONTROLLER ASSEMBLY (DRIVE AND STEER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166538	Ref	CONTROLLER ASSEMBLY Note : Use p/n 1001212415 Kit as Replacement.	G
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 (Note: Use Item 200)	
20	70004745	NLA	Tube, Locking (Note: Use Item 200)	
21	70004746	NLA	Disc, Locking (Note: Use Item 200)	
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	
200	70005230	1	Boot Kit (Includes Items 19-21)	

SECTION 5 - PLATFORM

FIGURE 5-24. CONTROLLER ASSEMBLY (LIFT AND SWING)



ART_1001166539

SECTION 5 - PLATFORM

FIGURE 5-24. CONTROLLER ASSEMBLY (LIFT AND SWING)

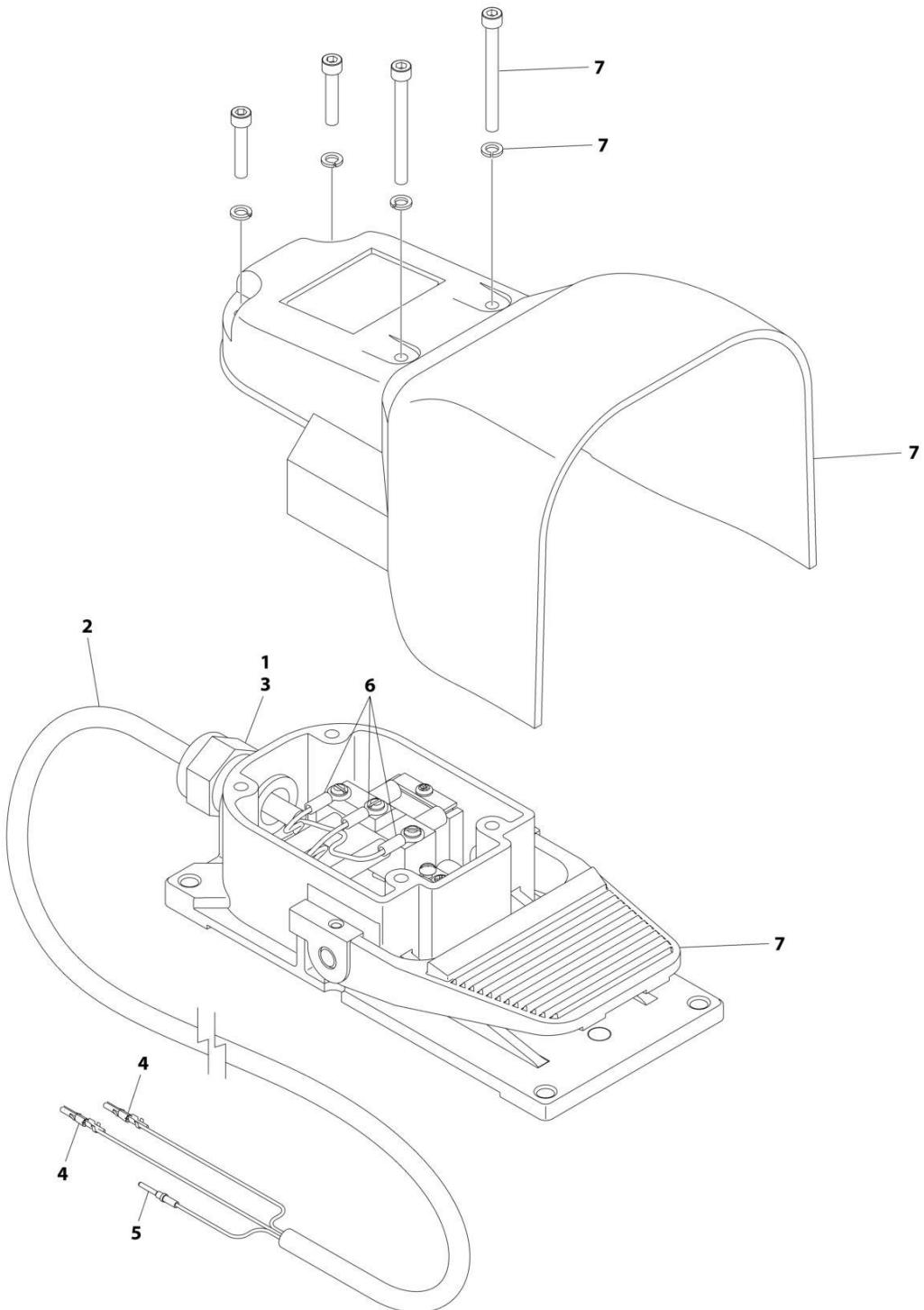
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166539	Ref	CONTROLLER ASSEMBLY	
		Ref	Note: Use p/n 1001129555 as Replacement.	
1	See Note	NSS	Main Cast Body (Note: Not Available - Purchase Complete Assembly)	
2	70004752	1	Adapter	
3	See Note	NSS	Pivot Arm, Plastic (Note: Not Available - Purchase Complete 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	
41	70004774	2	Ring, Retaining	
42	70004775	1	Spring	

SECTION 5 - PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	4460265	1	Connector - 9 Position	
101	4460226	6	Socket, Female	

SECTION 5 - PLATFORM

FIGURE 5-25. FOOTSWITCH ASSEMBLY



ART_1001117174

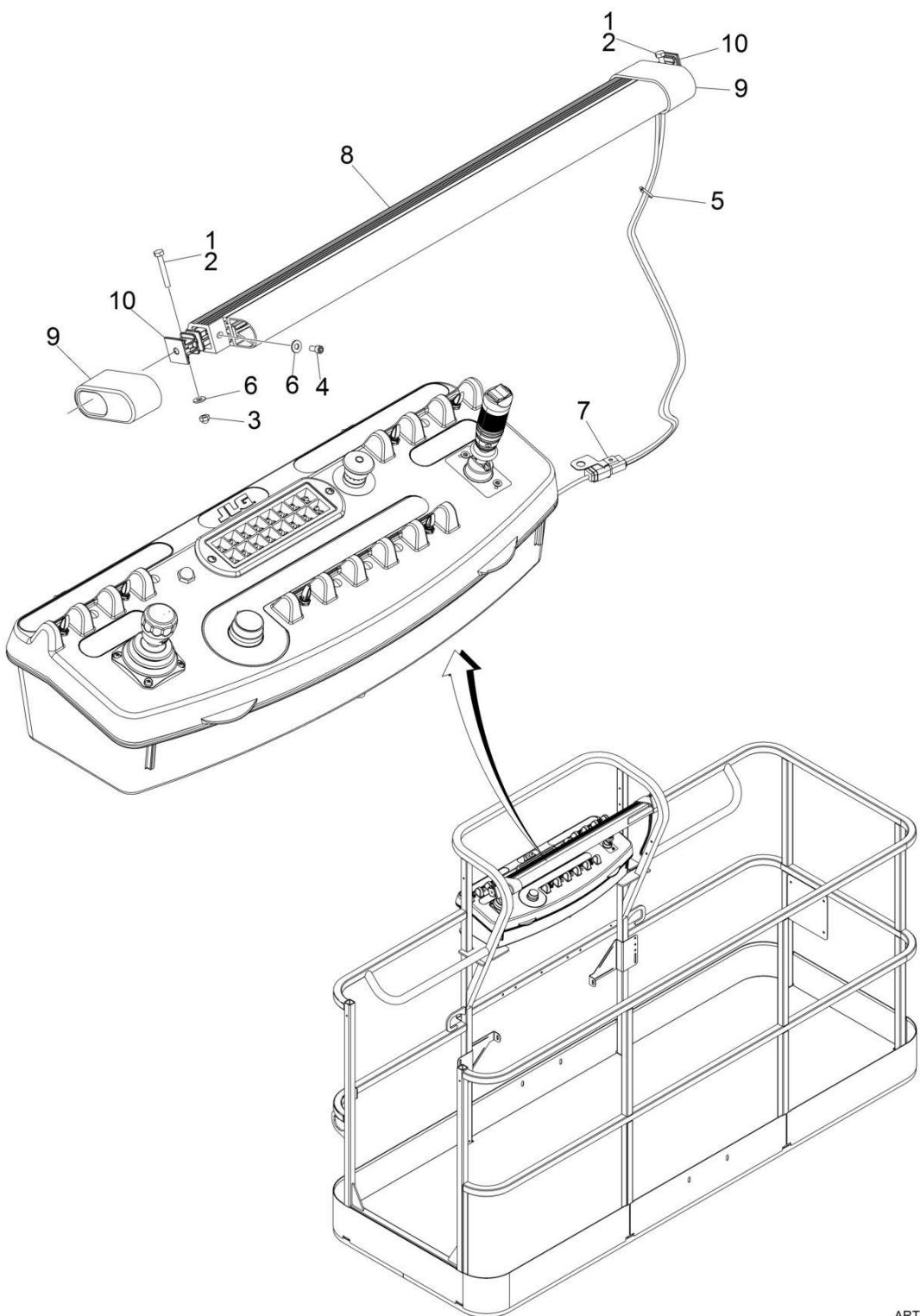
SECTION 5 - PLATFORM

FIGURE 5-25. FOOTSWITCH ASSEMBLY

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

SECTION 5 - PLATFORM

FIGURE 5-26. SKYGUARD INSTALLATION



ART_1001187508

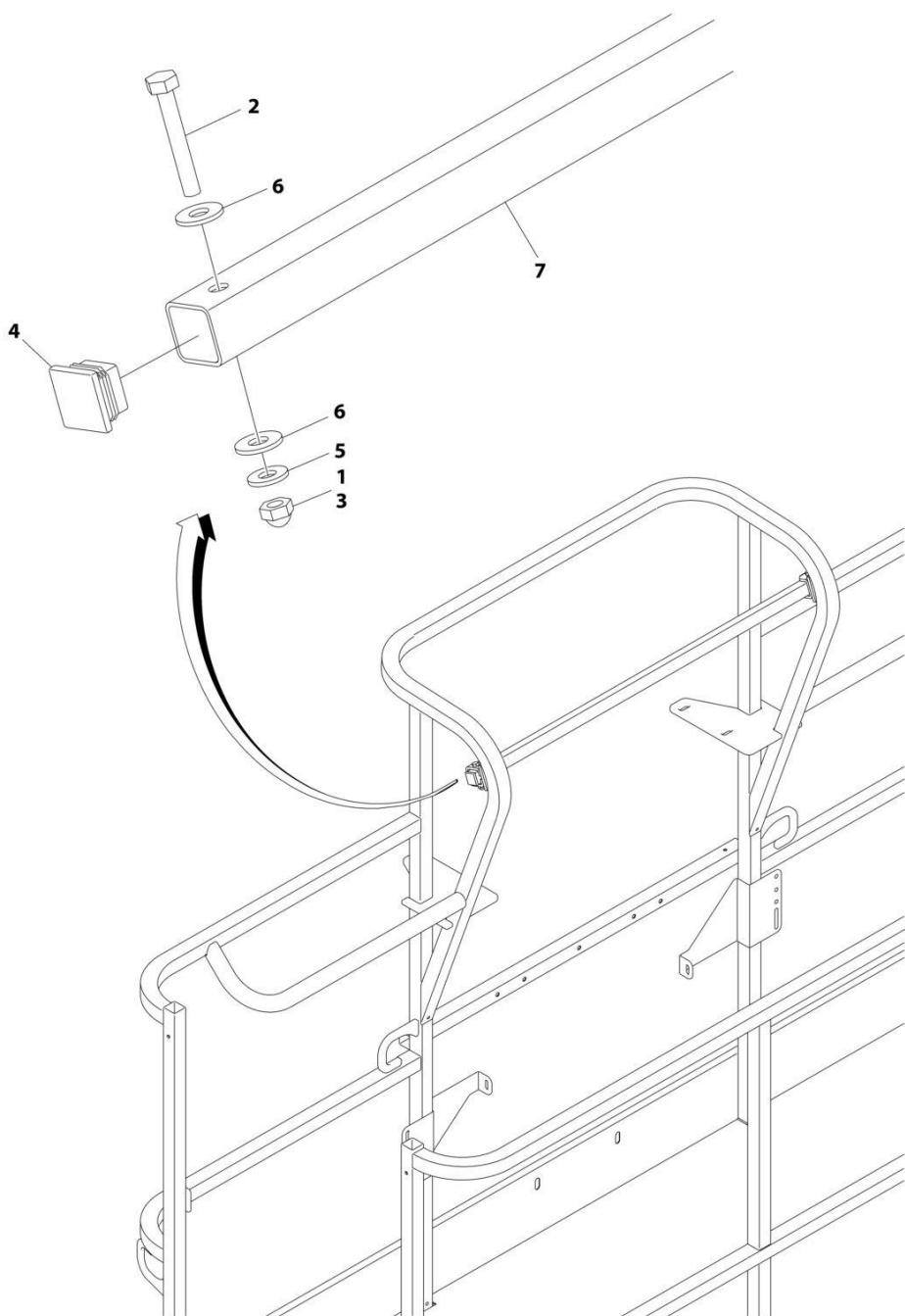
SECTION 5 - PLATFORM

FIGURE 5-26. SKYGUARD INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001187508	Ref	SKYGUARD INSTALLATION	C
1	0100011	AR	Compound, Locking	
2	0641414	2	Bolt 1/4 x 1-3/4	
3	3300430	2	Nut 1/4	
4	3931424	2	Capscrew 1/4 x 1-1/2	
4	3931408	2	Capscrew 1/4 x 1/2	
5	4240033	AR	Tie-Strap	
6	4711400	AR	Washer 1/4	
7	1001120328	1	Mount	
8	1001137673	1	SkyGuard Switch Assembly	
9	1001186517	2	Cover, Platform Sensor	
10	1001188889	2	Support, Block (SN 0300235168 through 0300237156, SN B300002655 through B300002764)	
10	1001209664	2	Support, Block (SN 0300237157 to Present, SN B300002765 to Present)	

SECTION 5 - PLATFORM

FIGURE 5-27. CROSS RAIL INSTALLATION



ART_1001182138

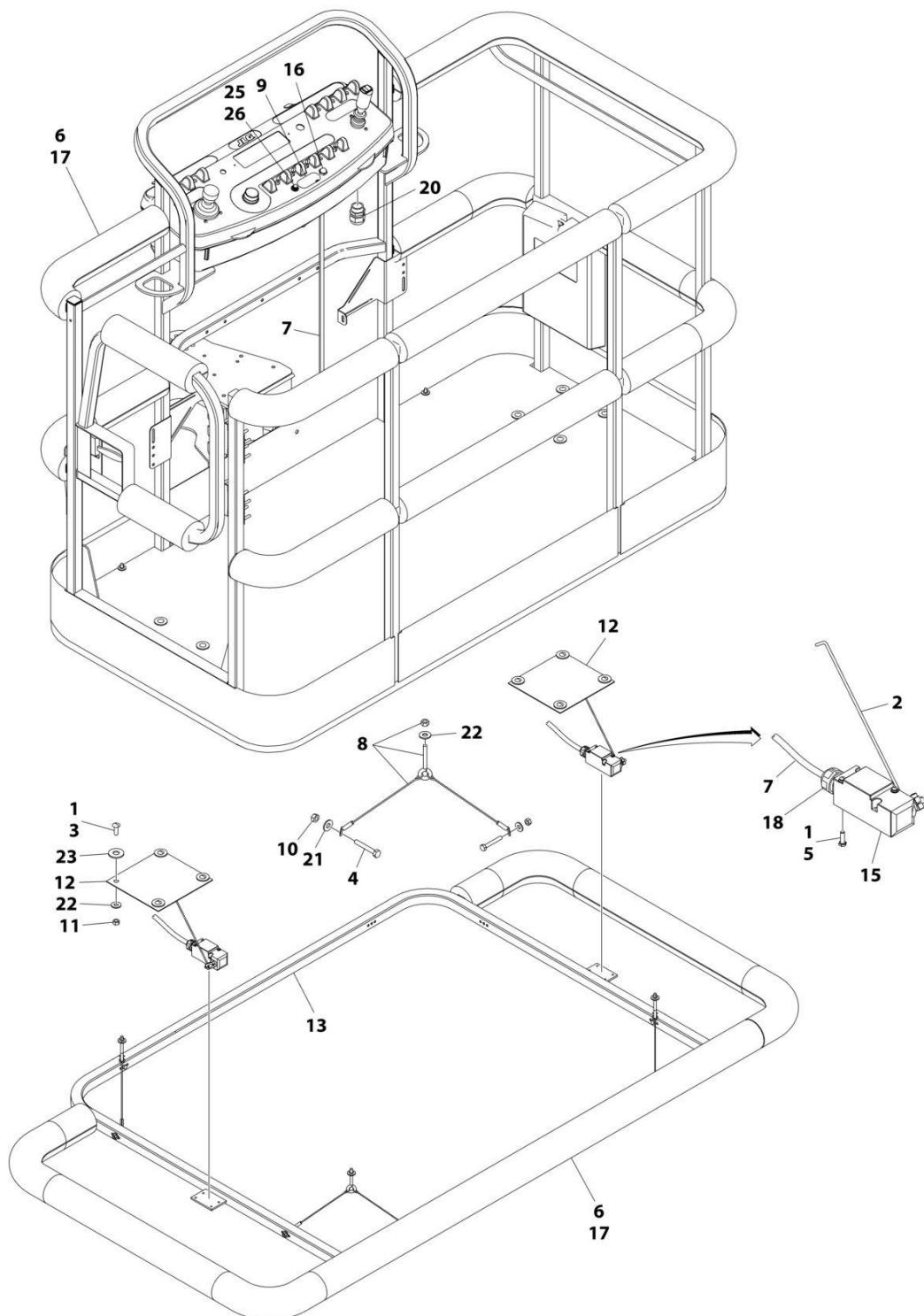
SECTION 5 - PLATFORM

FIGURE 5-27. CROSS RAIL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001182138	Ref	CROSS RAIL INSTALLATION	A
2	0100071	AR	Compound, Locking	
3	0641414	2	Bolt 1/4 x 1-3/4	
4	3300430	2	Nut 1/4	
5	3520182	2	Plug	
6	4711400	2	Washer 1/4	
7	4751400	4	Washer 1/4	
	1001191708	1	Bar	

SECTION 5 - PLATFORM

FIGURE 5-28. SOFT TOUCH INSTALLATION - 6FT (1.83M) PLATFORM (OPTIONAL)



ART_0273824

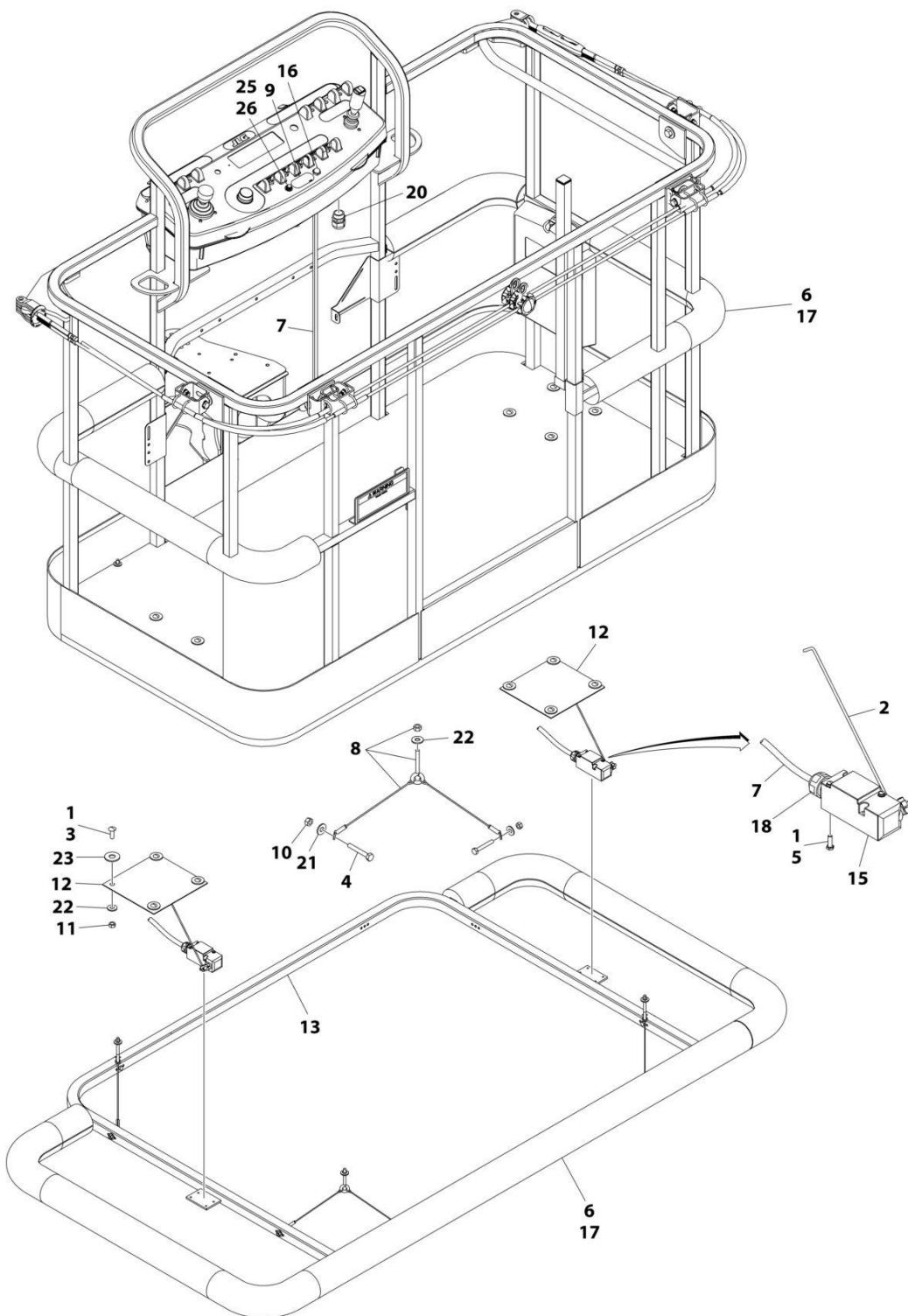
SECTION 5 - PLATFORM

FIGURE 5-28. SOFT TOUCH INSTALLATION - 6FT (1.83M) PLATFORM (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0273824	Ref	SOFT TOUCH INSTALLATION	
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	3575359	2	Plate, Switch Strike	
13	3641569	1	Rail, Soft Touch	
14	4240099	7	Tie-Strap (Not Shown)	
15	4360057	2	Switch, Limit	
16	4360387	1	Switch, Push Button	
17	4420068	AR	Tape, Adhesive	
17	1001197017	AR	Tie-Strap	
18	4460049	2	Connector, Strain Relief	
19	4460234	7	Tie-Strap (Not Shown)	
20	4460425	1	Connector, Strain Relief	
21	4751400	8	Washer 1/4	
22	4751500	12	Washer 5/16	
23	4751800	8	Washer 1/2	
25	2920028	1	Light, Indicator	
26	2920029	1	Bulb, Light	

SECTION 5 - PLATFORM

FIGURE 5-29. SOFT TOUCH INSTALLATION - 6FT (1.83M) FALL ARREST PLATFORM (600S)
(OPTIONAL)



ART_1001108256

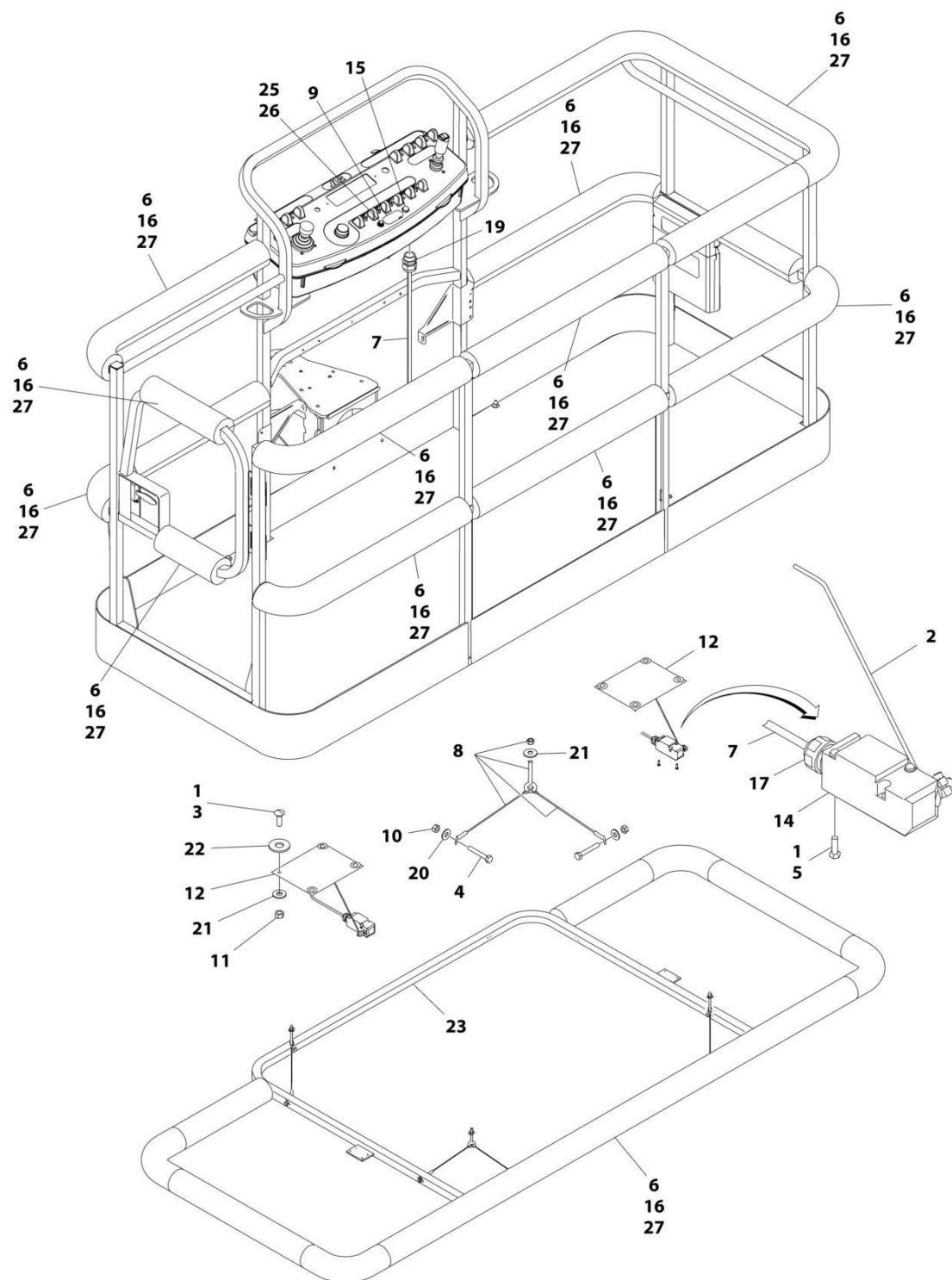
SECTION 5 - PLATFORM

**FIGURE 5-29. SOFT TOUCH INSTALLATION - 6FT (1.83M) FALL ARREST PLATFORM (600S)
(OPTIONAL)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001108256	Ref	SOFT TOUCH INSTALLATION	
1	0100011	AR	Compound, Locking	C
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	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, 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	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	4420069	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 5-30. SOFT TOUCH INSTALLATION - 8FT (2.4M) PLATFORM (OPTIONAL)



ART_0272427

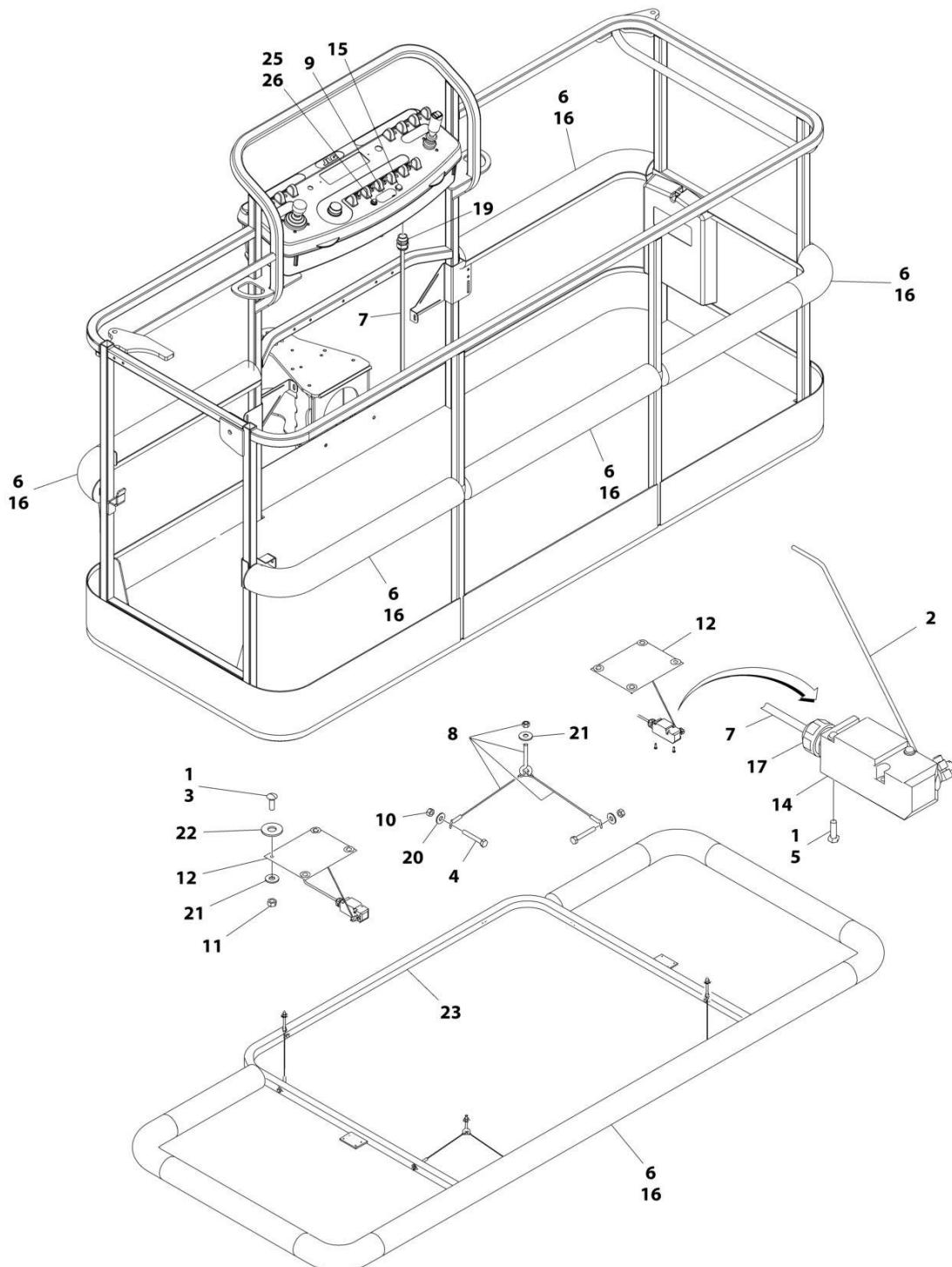
SECTION 5 - PLATFORM

FIGURE 5-30. SOFT TOUCH INSTALLATION - 8FT (2.4M) PLATFORM (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272427	Ref	SOFT TOUCH INSTALLATION	
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	
25	2920028	1	Light, Indicator	
26	2920029	1	Bulb, Light	

SECTION 5 - PLATFORM

FIGURE 5-31. SOFT TOUCH INSTALLATION - 8FT (2.4M) FALL ARREST PLATFORM (600S)
(OPTIONAL)



ART_0273706

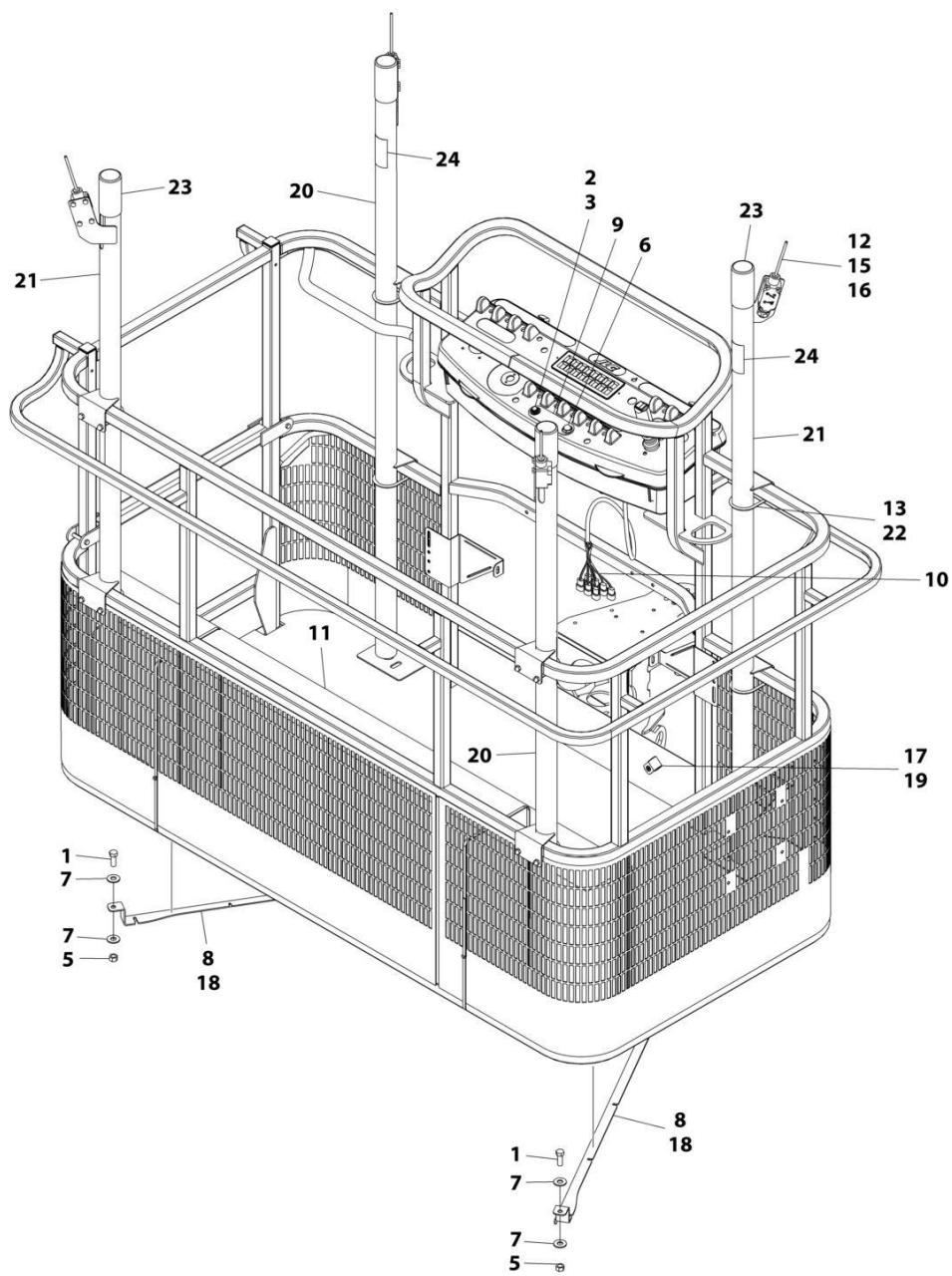
SECTION 5 - PLATFORM

**FIGURE 5-31. SOFT TOUCH INSTALLATION - 8FT (2.4M) FALL ARREST PLATFORM (600S)
(OPTIONAL)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0273706	Ref	SOFT TOUCH INSTALLATION	
1	0100011	AR	Compound, Locking	D
2	0200048	2	Arm, Switch	
3	0630462	8	Bolt	
4	0641414	8	Bolt 1/4 x 1-3/4	
5	0721005	4	Bolt #10 x 5/8	
6	0940133	1	Bumper Kit (Includes Corners and Enough Straight Material for One Platform)	
6	0940092	8	Bumper (Corner)	
6	0940094	AR	Bumper (12ft Length)	
7	1060341	23 ft/7m	Cable, 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	
25	2920028	1	Light, Indicator	
26	2920029	1	Bulb, Light	

SECTION 5 - PLATFORM

FIGURE 5-32. SOFT TOUCH INSTALLATION - OVERHEAD (CHINESE AND KOREAN SPECS)
(OPTIONAL)



ART_1001110926

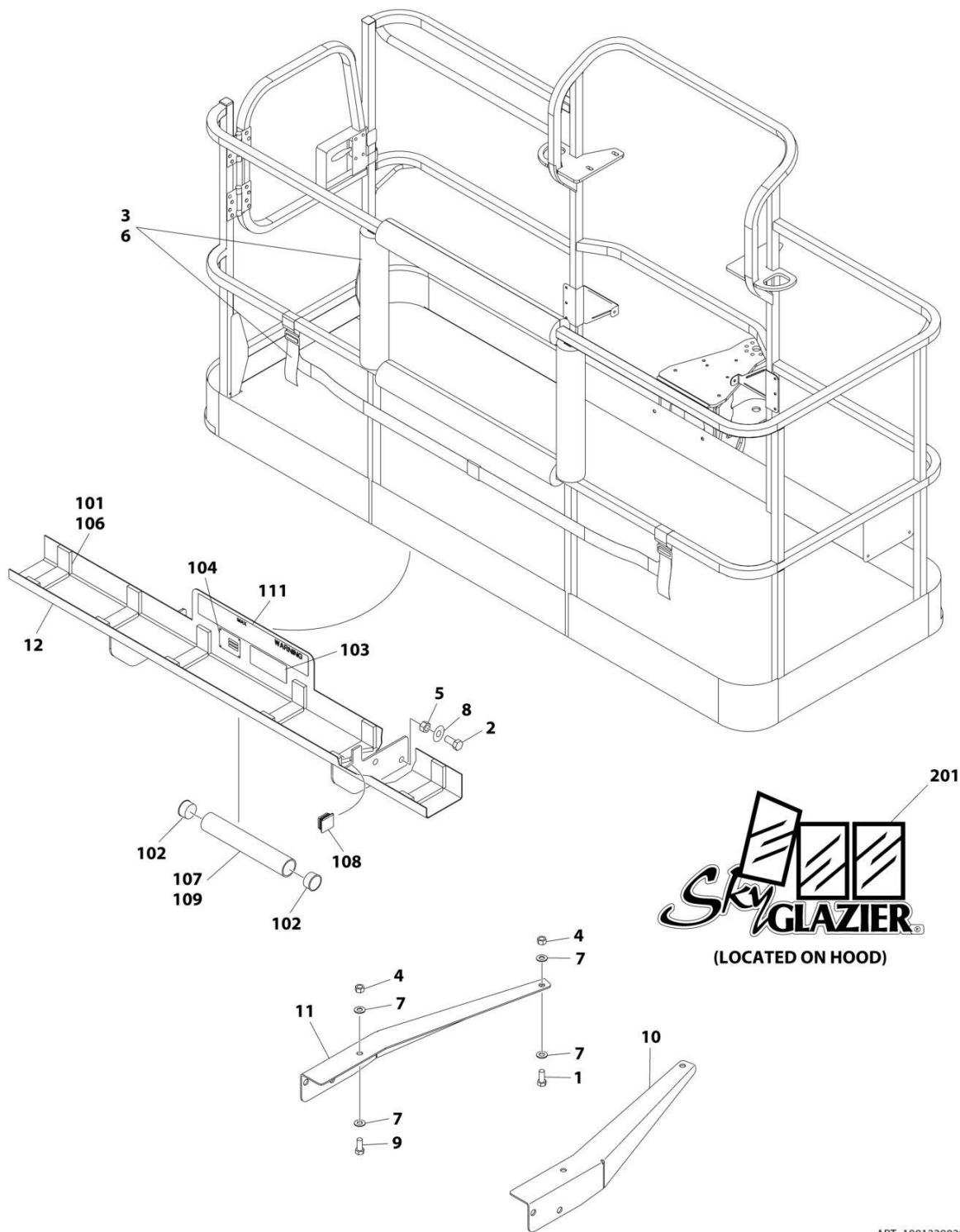
SECTION 5 - PLATFORM

**FIGURE 5-32. SOFT TOUCH INSTALLATION - OVERHEAD (CHINESE AND KOREAN SPECS)
(OPTIONAL)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001110926	Ref	SOFT TOUCH INSTALLATION	
1	0641608	4	Bolt 3/8 x 1	C
2	2920028	1	Light, Indicator	
3	2920029	1	Bulb, Light	
5	3311605	4	Nut 3/8	
6	4360387	1	Switch, Push Button	
7	4751600	8	Washer 3/8	
8	1001113643	2	Bracket	
9	1001113691	1	Decal - Soft Touch Override	
10	1001113857	1	Soft Touch Harness - Overhead	
10	4460897	4	Receptacle, Female - 2 Position	
10	4460464	8	Pin, Male	
11	1001113856	Ref	Overhead Soft Touch Kit	
12	0641405	16	Bolt 1/4 x 5/8	
13	3300356	16	Nut 5/16	
14	4240099	16	Tie, Wire (Not Shown)	
15	4360477	4	Switch, Proximity	
16	4460662	4	Connector, Strain Relief	
17	4711400	2	Washer 1/4	
18	1001090615	4	Grommet	
19	1001102858	2	Clamp	
20	1001110935	2	Tube	
21	1001113741	2	Tube	
22	1001113743	8	Bolt 5/16 x 3.65	
23	1001113774	4	Cap	
24	1001131802	4	Decal - Weight	

SECTION 5 - PLATFORM

FIGURE 5-33. SKYGLAZIER INSTALLATION - 600S & 660SJ (ANSI, AUSTRALIAN AND CSA SPECS)



ART_1001229020

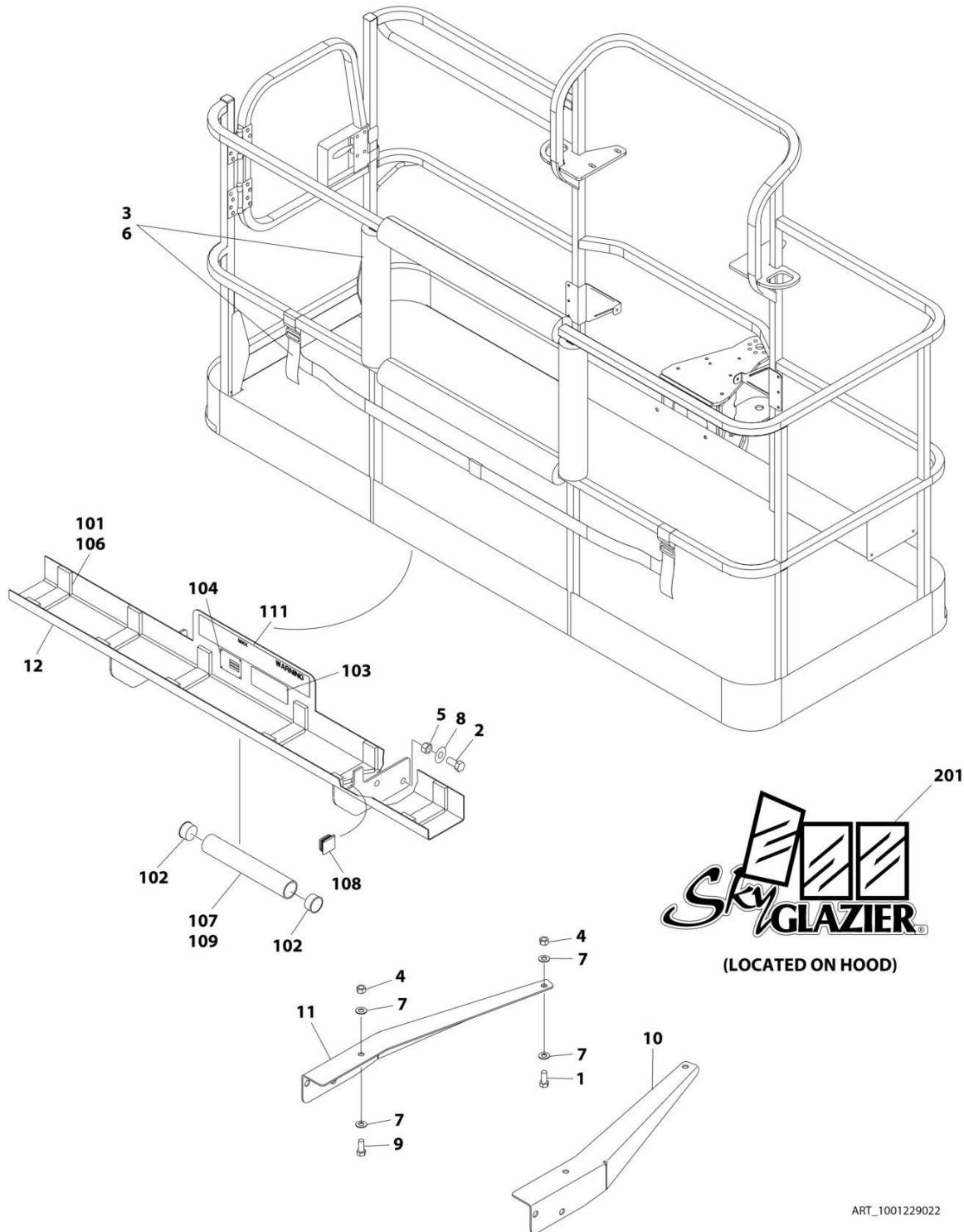
SECTION 5 - PLATFORM

FIGURE 5-33. SKYGLAZIER INSTALLATION - 600S & 660SJ (ANSI, AUSTRALIAN AND CSA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229020	Ref	SKYGLAZIER INSTALLATION	
1	0642012	2	Bolt 5/8 x 1-1/2	A
2	0642212	4	Bolt 3/4 x 1-1/2	
3	2902212	1	Bumpers and Strap Kit	
3	0940102	1	Bumper Only	
3	4240149	1	Strap Only	
4	3312005	4	Nut 5/8	
5	3312205	4	Nut 3/4	
6	4420014	AR	Tape	
7	4712000	6	Washer 5/8	
8	4712200	8	Washer 3/4	
9	8310129	2	Bolt 3/4 x 2-1/2	
10	1001099366	1	Support	
11	1001099367	1	Support	
12	1001229082	1	Tray Assembly (See Items 101-111 for Breakdown)	
	1001229082	Ref	TRAY ASSEMBLY	A
101	0100081	AR	Adhesive	
102	1120555	2	Cap, Tube	
103	1701509	1	Decal - Manual	
104	See Note	NSS	Nameplate - Serial Number (Note: Not Available for Purchase)	
106	3340956	1	Pad Kit	
107	3460334	1	Tube	
108	3520071	2	Plug	
109	4420066	AR	Tape, Double Sided	
111	1001199035	2	Decal - Glazier Capacity	
	0272418	Ref	SKYGLAZIER DECAL INSTALLATION	
201	1705358	2	Decal - SkyGlazier	4

SECTION 5 - PLATFORM

FIGURE 5-34. SKYGLAZIER INSTALLATION - 600S (BRAZIL SPECS)



ART_1001229022

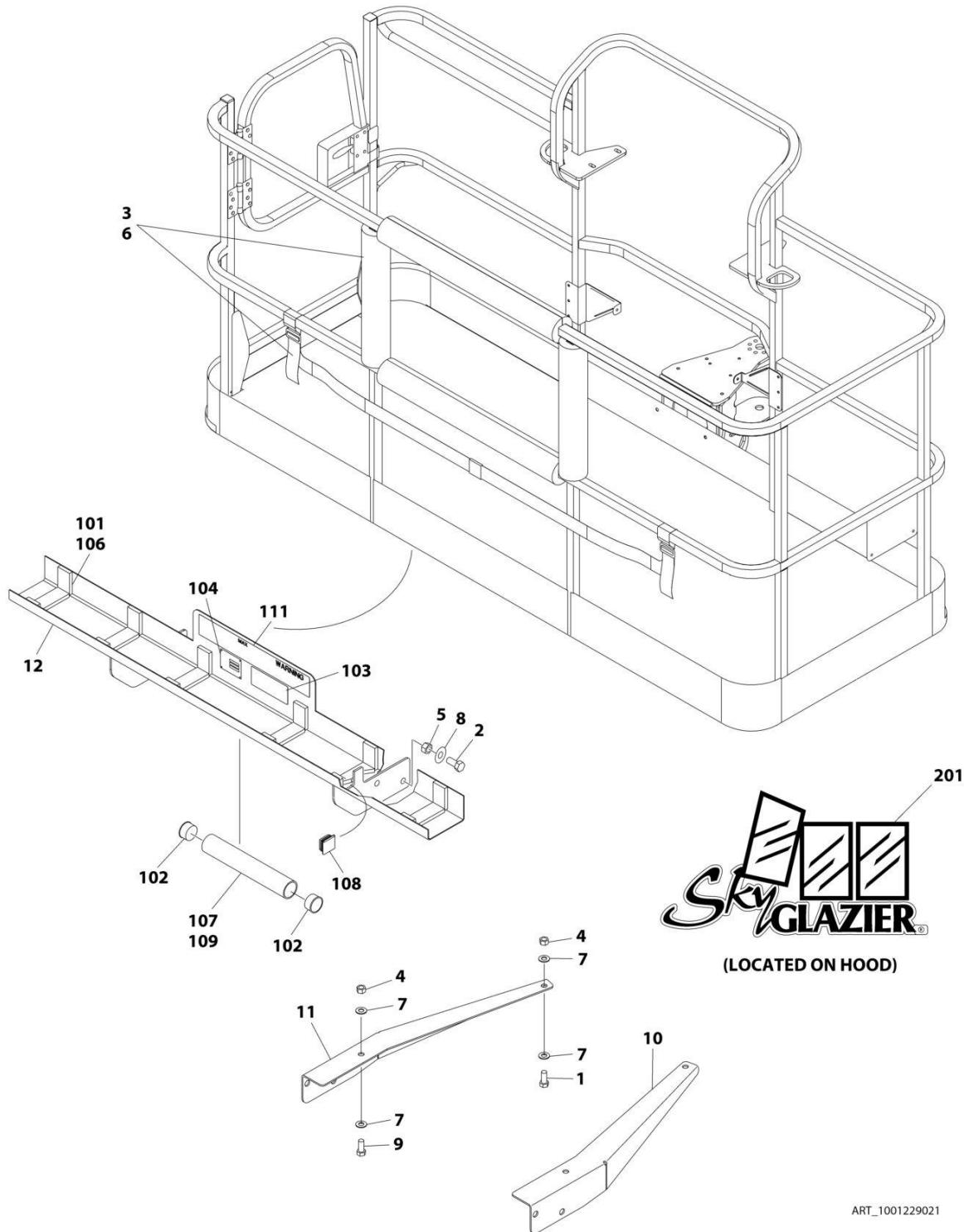
SECTION 5 - PLATFORM

FIGURE 5-34. SKYGLAZIER INSTALLATION - 600S (BRAZIL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229022	Ref	SKYGLAZIER INSTALLATION	
1	0642012	2	Bolt 5/8 x 1-1/2	A
2	0642212	4	Bolt 3/4 x 1-1/2	
3	2902212	1	Bumpers and Strap Kit	
3	0940102	1	Bumper Only	
3	4240149	1	Strap Only	
4	3312005	4	Nut 5/8	
5	3312205	4	Nut 3/4	
6	4420014	AR	Tape	
7	4712000	6	Washer 5/8	
8	4712200	8	Washer 3/4	
9	8310129	2	Bolt 3/4 x 2-1/2	
10	1001099366	1	Support	
11	1001099367	1	Support	
12	1001229118	1	Tray Assembly (See Items 101-111 for Breakdown)	
	1001229118	Ref	TRAY ASSEMBLY	A
101	0100081	AR	Adhesive	
102	1120555	2	Cap, Tube	
103	1701509	1	Decal - Manual	
104	See Note	NSS	Nameplate - Serial Number (Note: Not Available for Purchase)	
106	3340956	1	Pad Kit	
107	3460334	1	Tube	
108	3520071	2	Plug	
109	4420066	AR	Tape, Double Sided	
111	1001229112	2	Decal - Glazier Capacity	
	0272418	Ref	SKYGLAZIER DECAL INSTALLATION	
201	1705358	2	Decal - SkyGlazier	4

SECTION 5 - PLATFORM

FIGURE 5-35. SKYGLAZIER INSTALLATION - 600S (LATIN AMERICAN SPECS)



ART_1001229021

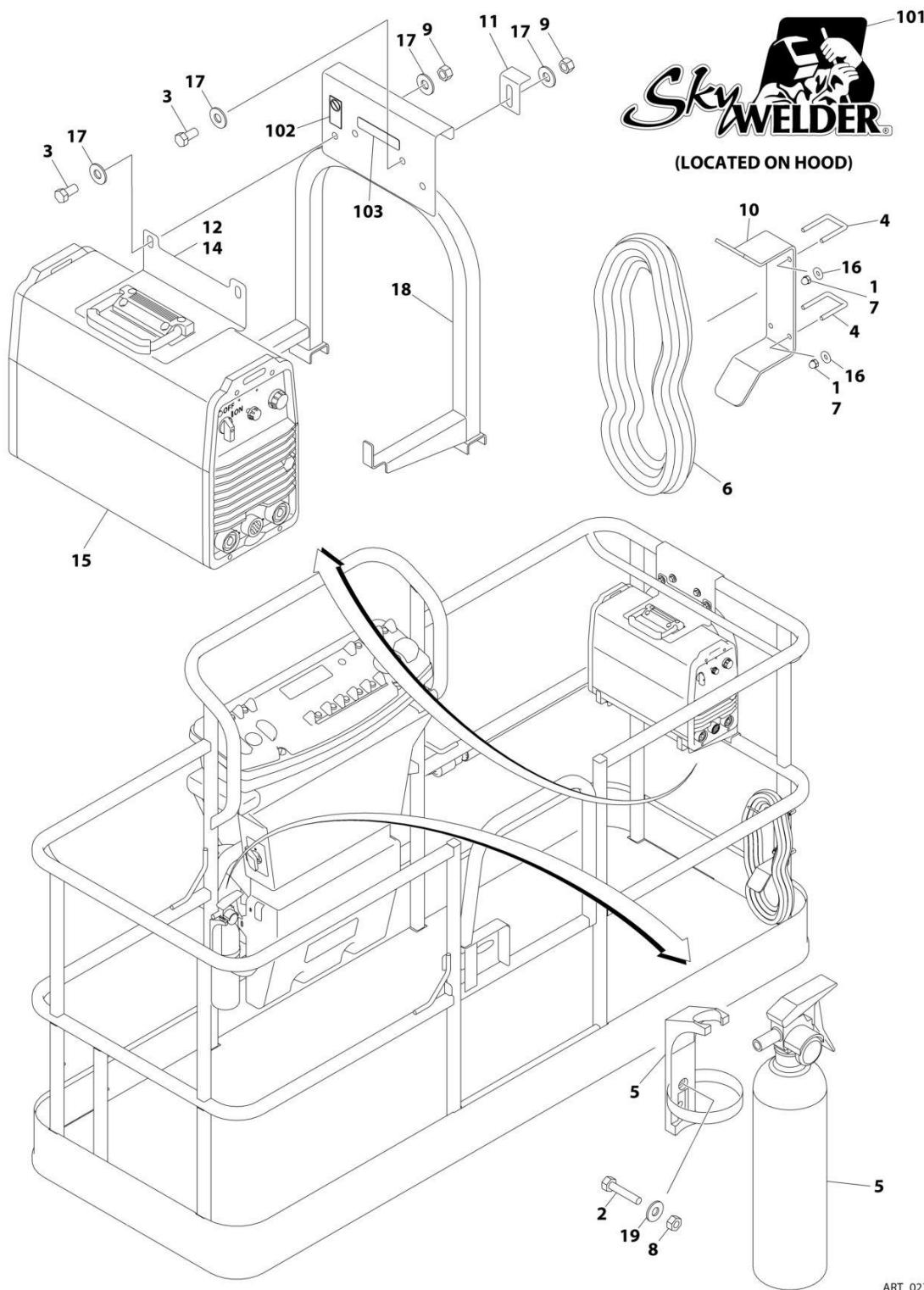
SECTION 5 - PLATFORM

FIGURE 5-35. SKYGLAZIER INSTALLATION - 600S (LATIN AMERICAN SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229021	Ref	SKYGLAZIER INSTALLATION	
1	0642012	2	Bolt 5/8 x 1-1/2	A
2	0642212	4	Bolt 3/4 x 1-1/2	
3	2902212	1	Bumpers and Strap Kit	
3	0940102	1	Bumper Only	
3	4240149	1	Strap Only	
4	3312005	4	Nut 5/8	
5	3312205	4	Nut 3/4	
6	4420014	AR	Tape	
7	4712000	6	Washer 5/8	
8	4712200	8	Washer 3/4	
9	8310129	2	Bolt 3/4 x 2-1/2	
10	1001099366	1	Support	
11	1001099367	1	Support	
12	1001229108	1	Tray Assembly (See Items 101-111 for Breakdown)	
	1001229108	Ref	TRAY ASSEMBLY	A
101	0100081	AR	Adhesive	
102	1120555	2	Cap, Tube	
103	1701509	1	Decal - Manual	
104	See Note	NSS	Nameplate - Serial Number (Note: Not Available for Purchase)	
106	3340956	1	Pad Kit	
107	3460334	1	Tube	
108	3520071	2	Plug	
109	4420066	AR	Tape, Double Sided	
111	1001229111	2	Decal - Glazier Capacity	
	0272418	Ref	SKYGLAZIER DECAL INSTALLATION	
201	1705358	2	Decal - SkyGlazier	4

SECTION 5 - PLATFORM

FIGURE 5-36. SKYWELDER INSTALLATION (50HZ)



ART_0272521

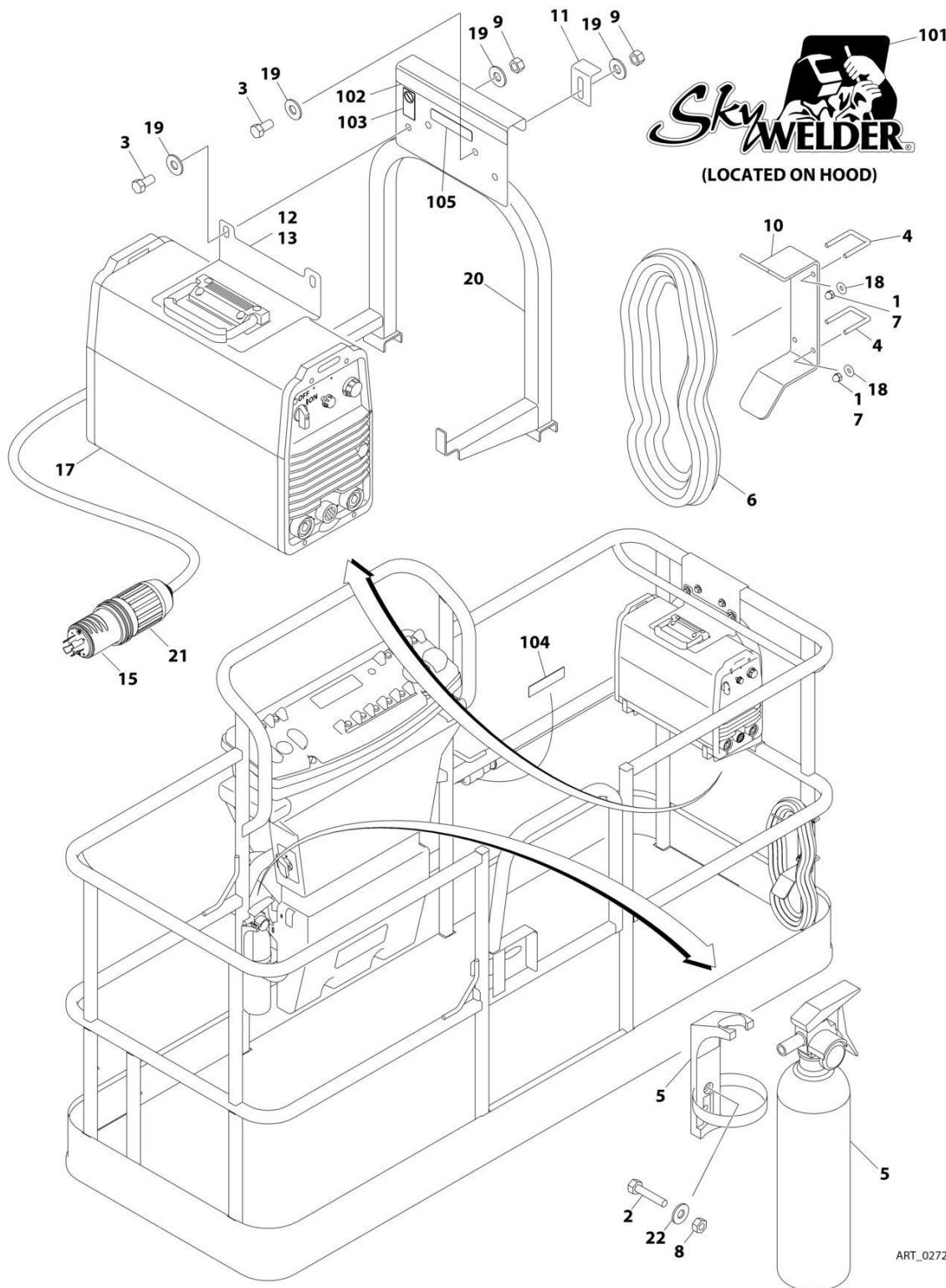
SECTION 5 - PLATFORM

FIGURE 5-36. SKYWELDER INSTALLATION (50HZ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272521	Ref	SKYWELDER INSTALLATION	
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 WELDER ASSEMBLY for Breakdown)	
16	4751400	4	Washer 1/4	
17	4751600	8	Washer 3/8	
18	4846627	1	Support	
19	4751000	2	Washer #10	
	0272588	Ref	SKYWELDER DECAL INSTALLATION	
101	1705355	1	Decal - SkyWelder	
102	1705305	1	Decal - Weld Lead	
103	1001228988	1	Decal - Weight	B

SECTION 5 - PLATFORM

FIGURE 5-37. SKYWELDER INSTALLATION (60HZ)



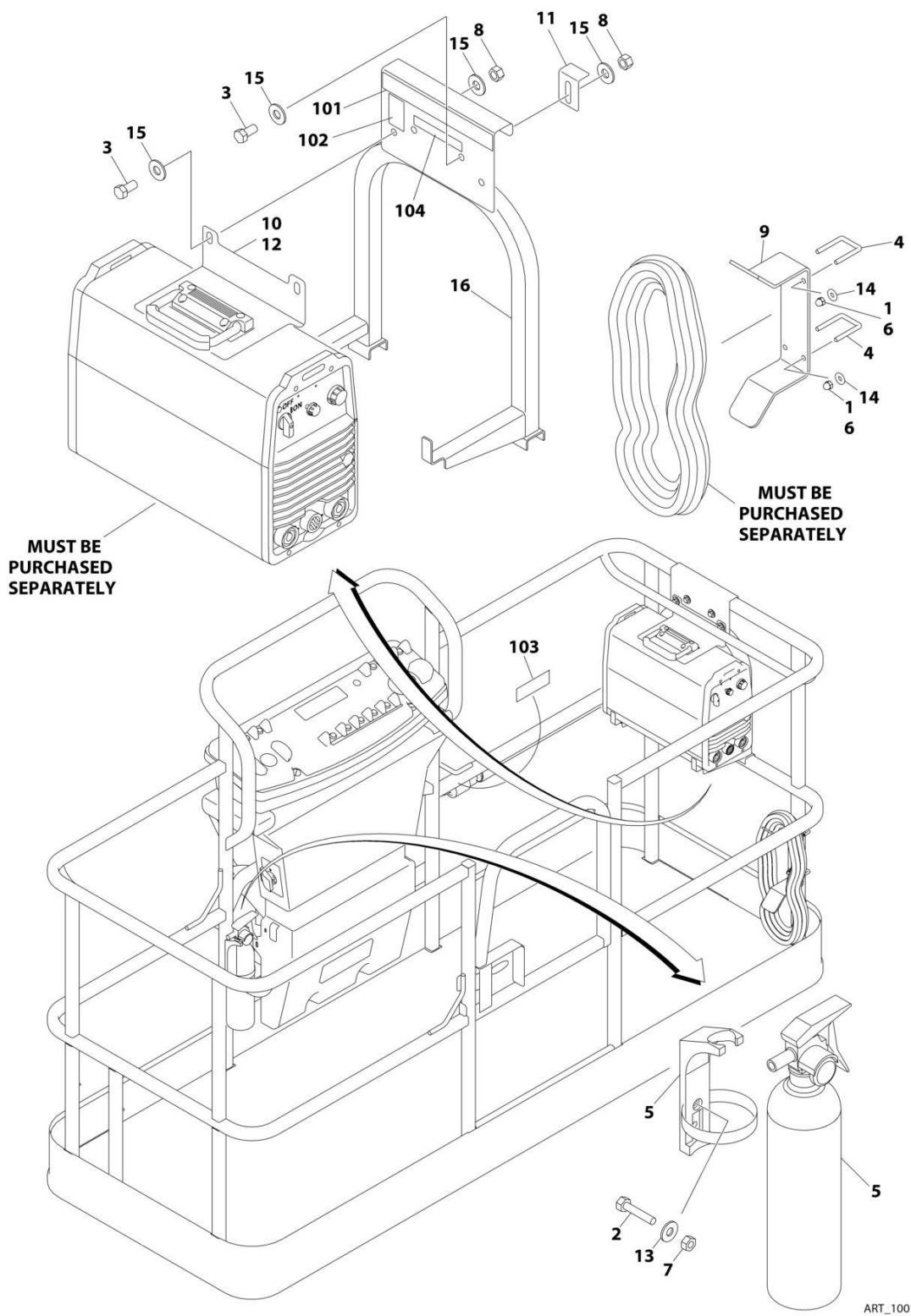
SECTION 5 - PLATFORM

FIGURE 5-37. SKYWELDER INSTALLATION (60HZ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272254	Ref	SKYWELDER INSTALLATION	
1	0100011	AR	Compound, Locking	I
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 WELDER ASSEMBLY for Breakdown)	
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	
	0272448	Ref	SKYWELDER DECAL INSTALLATION	B
101	1705355	2	Decal - SkyWelder	
102	1702868	1	Decal - No Hands	
103	1705305	1	Decal - Weld Lead	
104	1705375	1	Decal - 240V - 3 Phase - 60Hz	
105	1001228988	1	Decal - Weight	

SECTION 5 - PLATFORM

FIGURE 5-38. SKYWELDER PREP PACKAGE (60HZ)



ART_1001128527

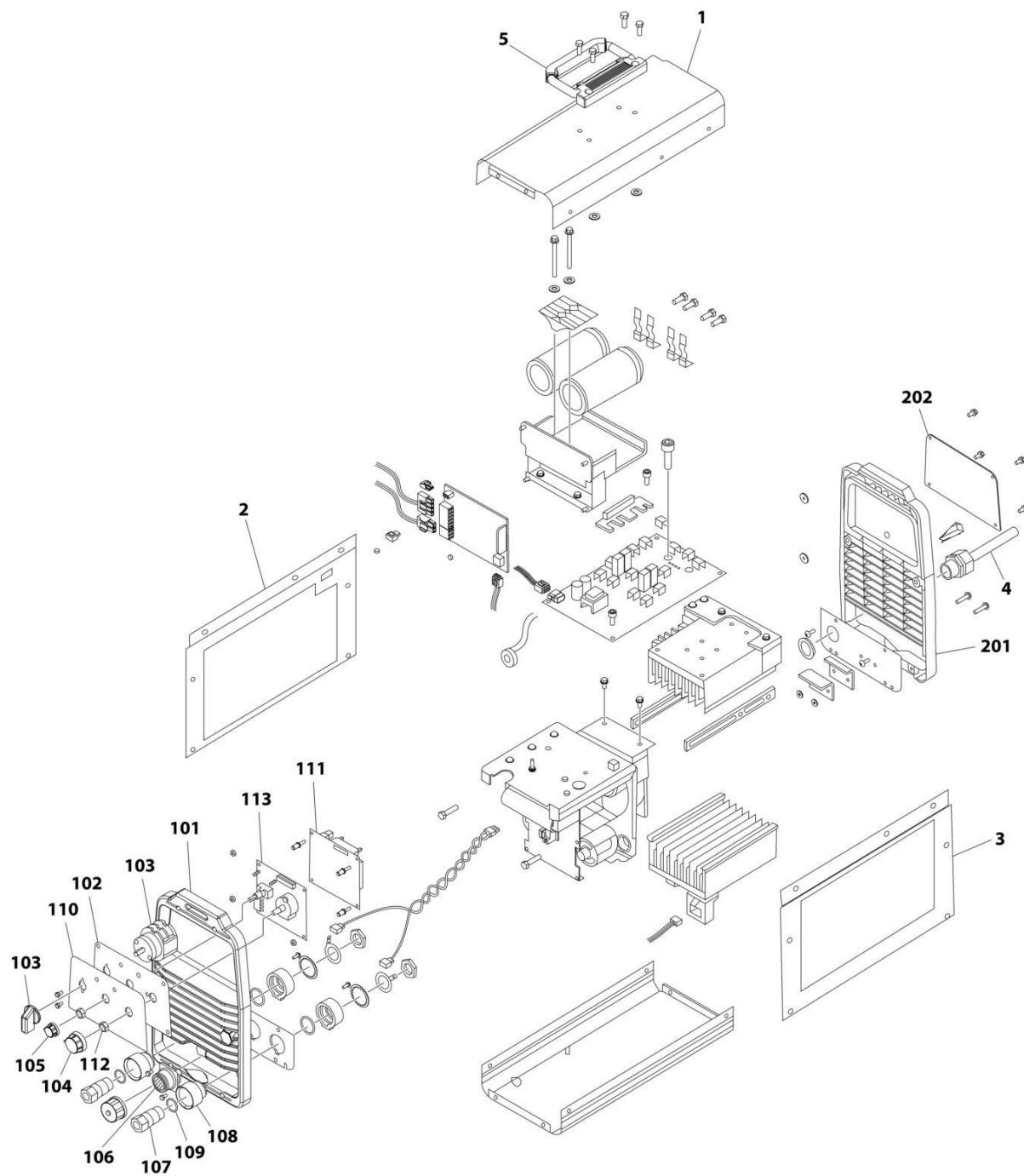
SECTION 5 - PLATFORM

FIGURE 5-38. SKYWELDER PREP PACKAGE (60HZ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001128527	Ref	SKYWELDER PREP PACKAGE	
1	0100011	AR	Compound, Locking	B
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	B
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 5-39. WELDER ASSEMBLY



ART_4530028

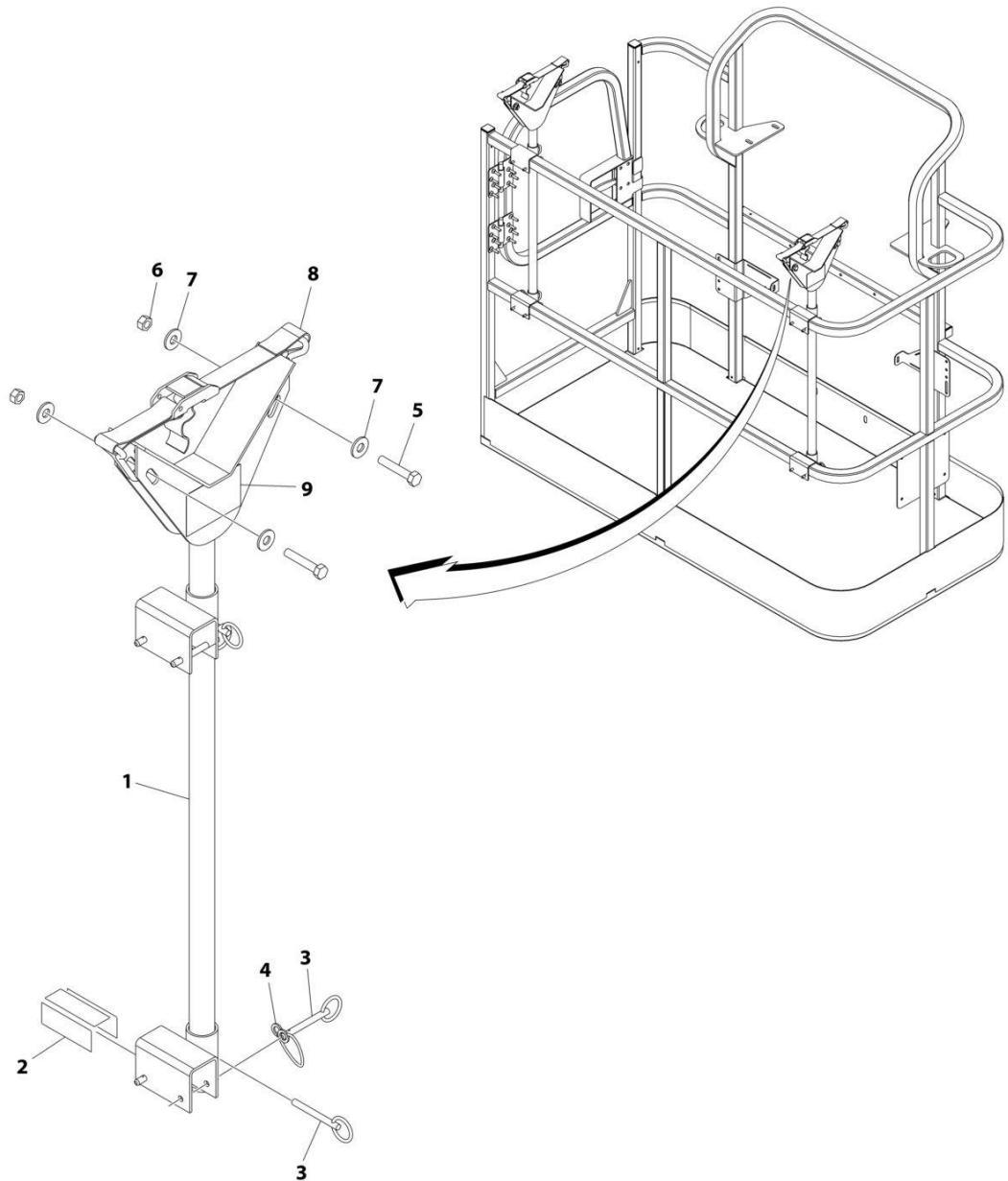
SECTION 5 - PLATFORM

FIGURE 5-39. WELDER ASSEMBLY

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

SECTION 5 - PLATFORM

FIGURE 5-40. PIPE RACK INSTALLATION (ANSI AND CSA SPECS)



ART_0257728

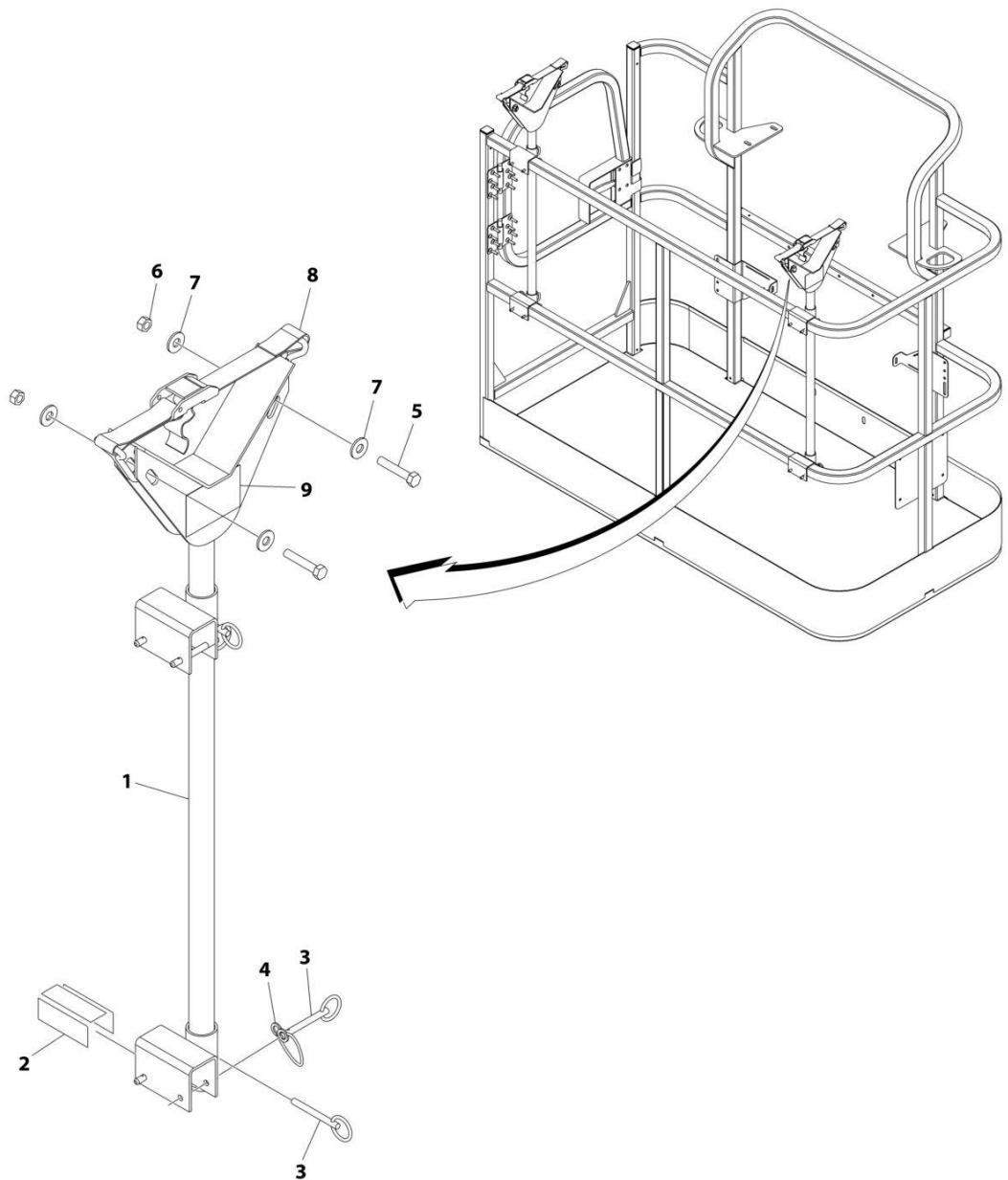
SECTION 5 - PLATFORM

FIGURE 5-40. PIPE RACK INSTALLATION (ANSI AND CSA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	0257728	Ref	PIPE RACK INSTALLATION	2/C
1	4845582	2	Rack, Pipe	
2	4420062	AR	Tape	
3	3422661	10	Pin	
4	1060379	4	Lanyard	
5	0641514	4	Bolt 5/16 x 1-3/4	
6	3311505	4	Nut 5/16	
7	4751500	8	Washer 5/16	
8	0480100	2	Tie-Down	
9	1703683	2	Decal - Capacity	

SECTION 5 - PLATFORM

FIGURE 5-41. PIPE RACK INSTALLATION (AUSTRALIAN SPECS)



ART_1001229019

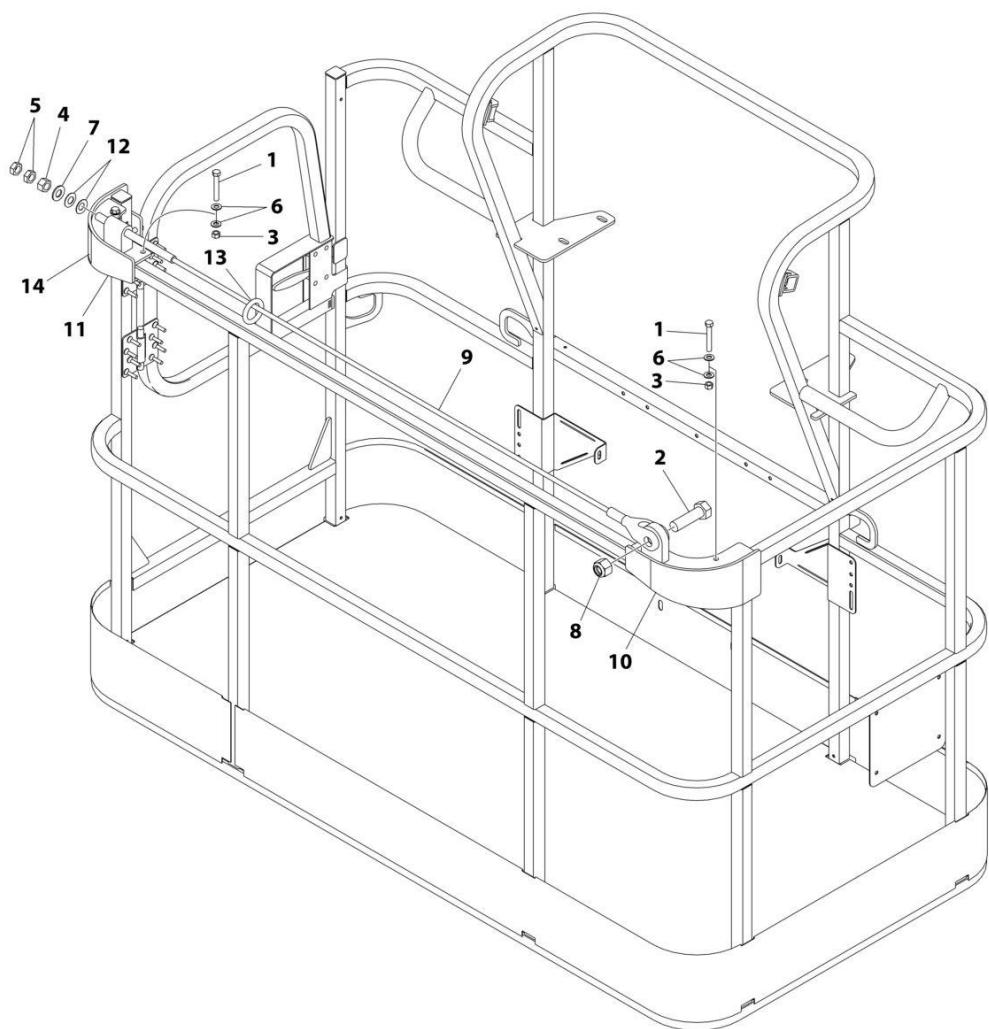
SECTION 5 - PLATFORM

FIGURE 5-41. PIPE RACK INSTALLATION (AUSTRALIAN SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001229019	Ref	PIPE RACK INSTALLATION	A
1	4845582	2	Rack, Pipe	
2	4420062	AR	Tape	
3	3422661	10	Pin	
4	1060379	4	Lanyard	
5	0641514	4	Bolt 5/16 x 1-3/4	
6	3311505	4	Nut 5/16	
7	4751500	8	Washer 5/16	
8	0480100	2	Tie-Down	
9	1001229090	2	Decal - Capacity	

SECTION 5 - PLATFORM

FIGURE 5-42. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (6FT/1.82M PLATFORM)



ART_1001236747

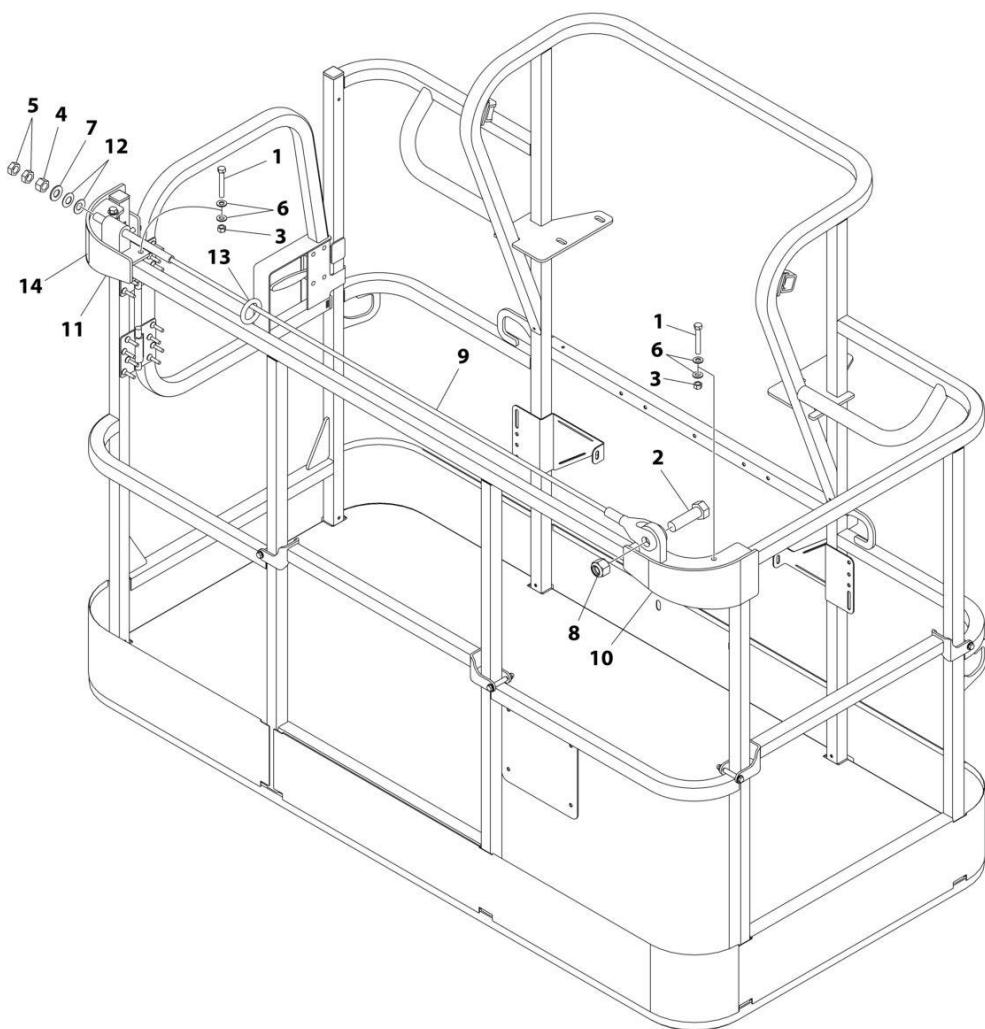
SECTION 5 - PLATFORM

FIGURE 5-42. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (6FT/1.82M PLATFORM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236747	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	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	

SECTION 5 - PLATFORM

FIGURE 5-43. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (6FT/1.82M TRI-ENTRY PLATFORM)



ART_1001238463

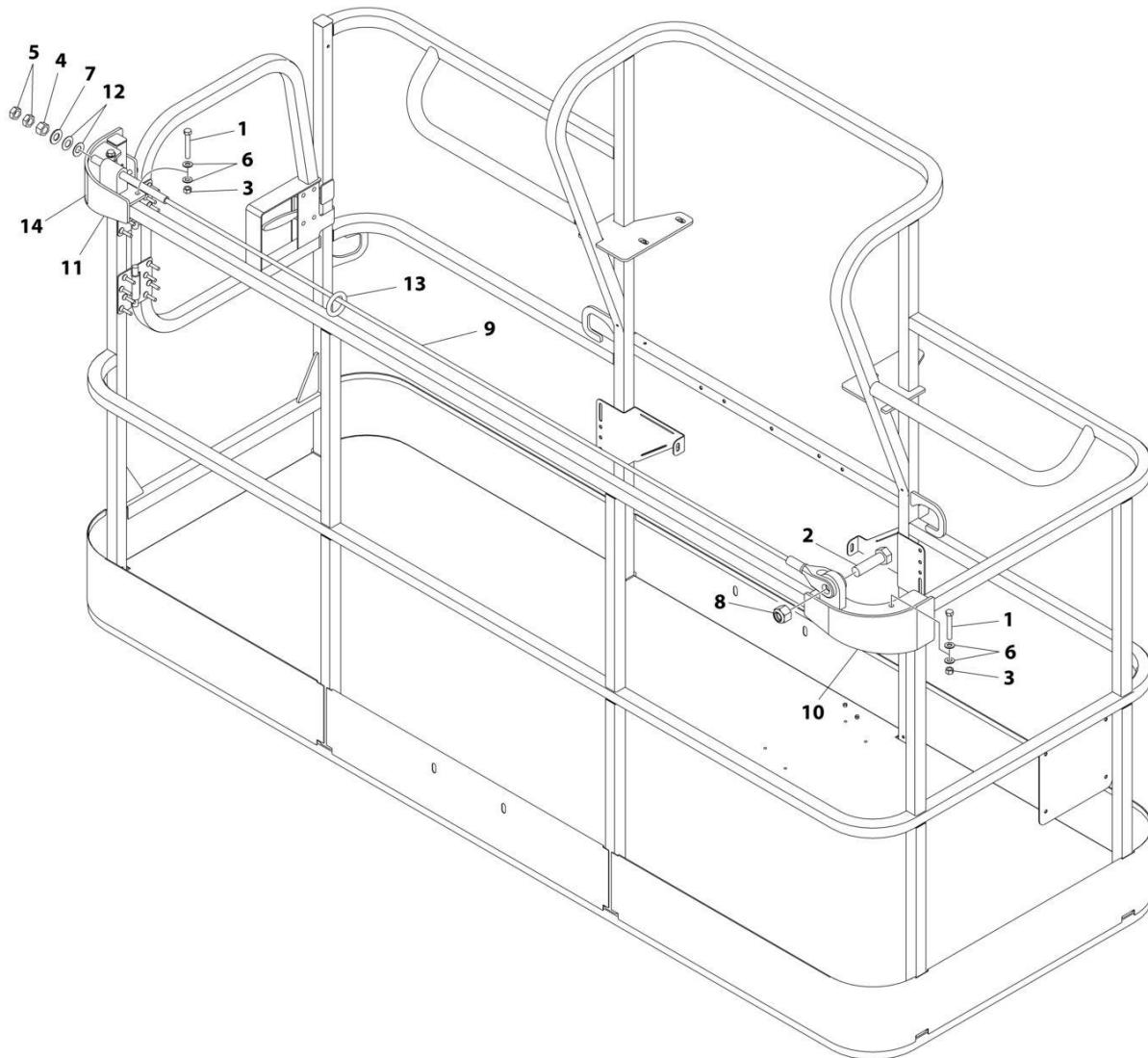
SECTION 5 - PLATFORM

FIGURE 5-43. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (6FT/1.82M TRI-ENTRY PLATFORM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238463	Ref	FALL ARREST INSTALLATION (BOLT - ON) 6FT/1.82M PLATFORM	B
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	

SECTION 5 - PLATFORM

FIGURE 5-44. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (8FT/2.4M PLATFORM)



ART_1001236746

SECTION 5 - PLATFORM

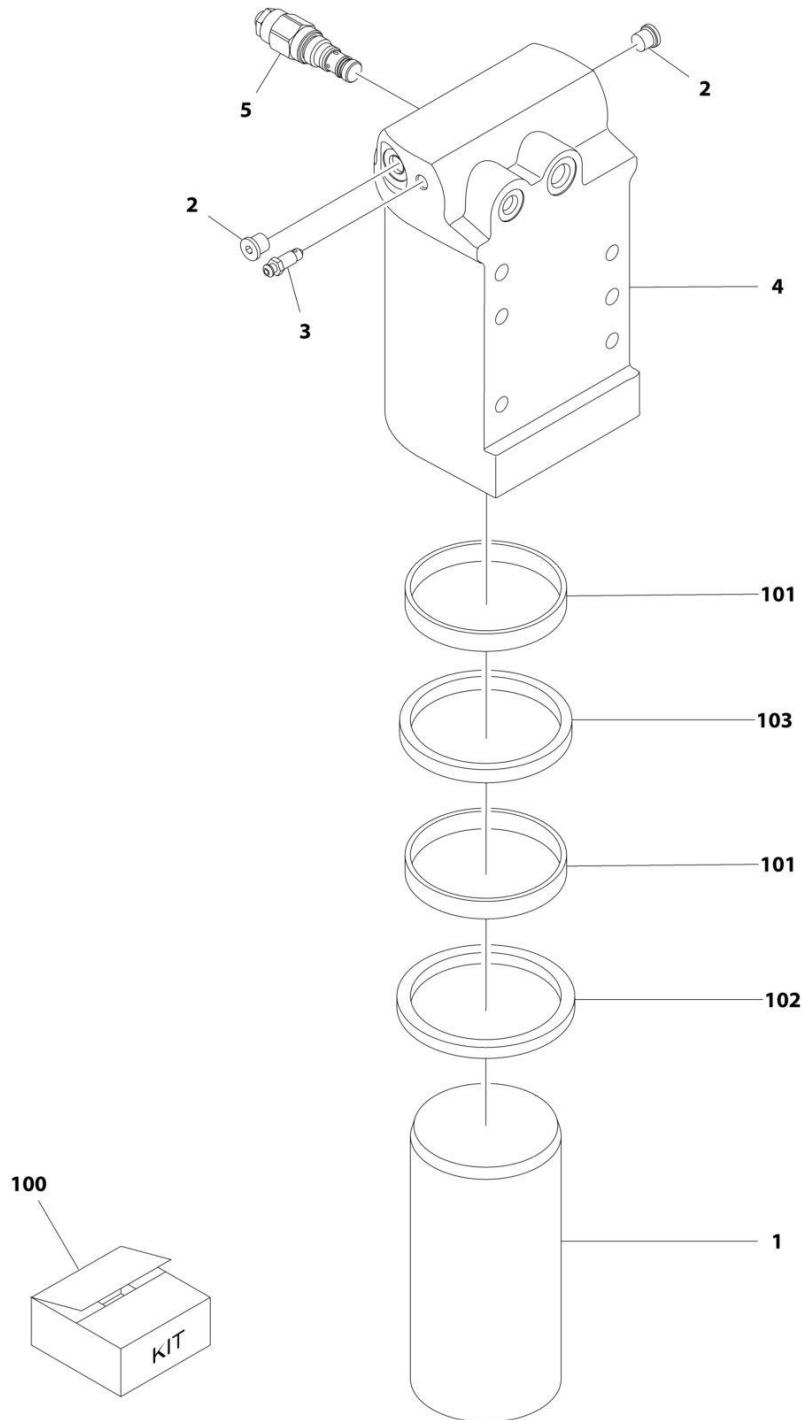
FIGURE 5-44. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (8FT/2.4M PLATFORM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236746	Ref	FALL ARREST INSTALLATION (BOLT - ON) 8FT/2.4M 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	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	

SECTION 6 - CYLINDER

SECTION 6 - CYLINDER

FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSMBLY



ART_1001219040

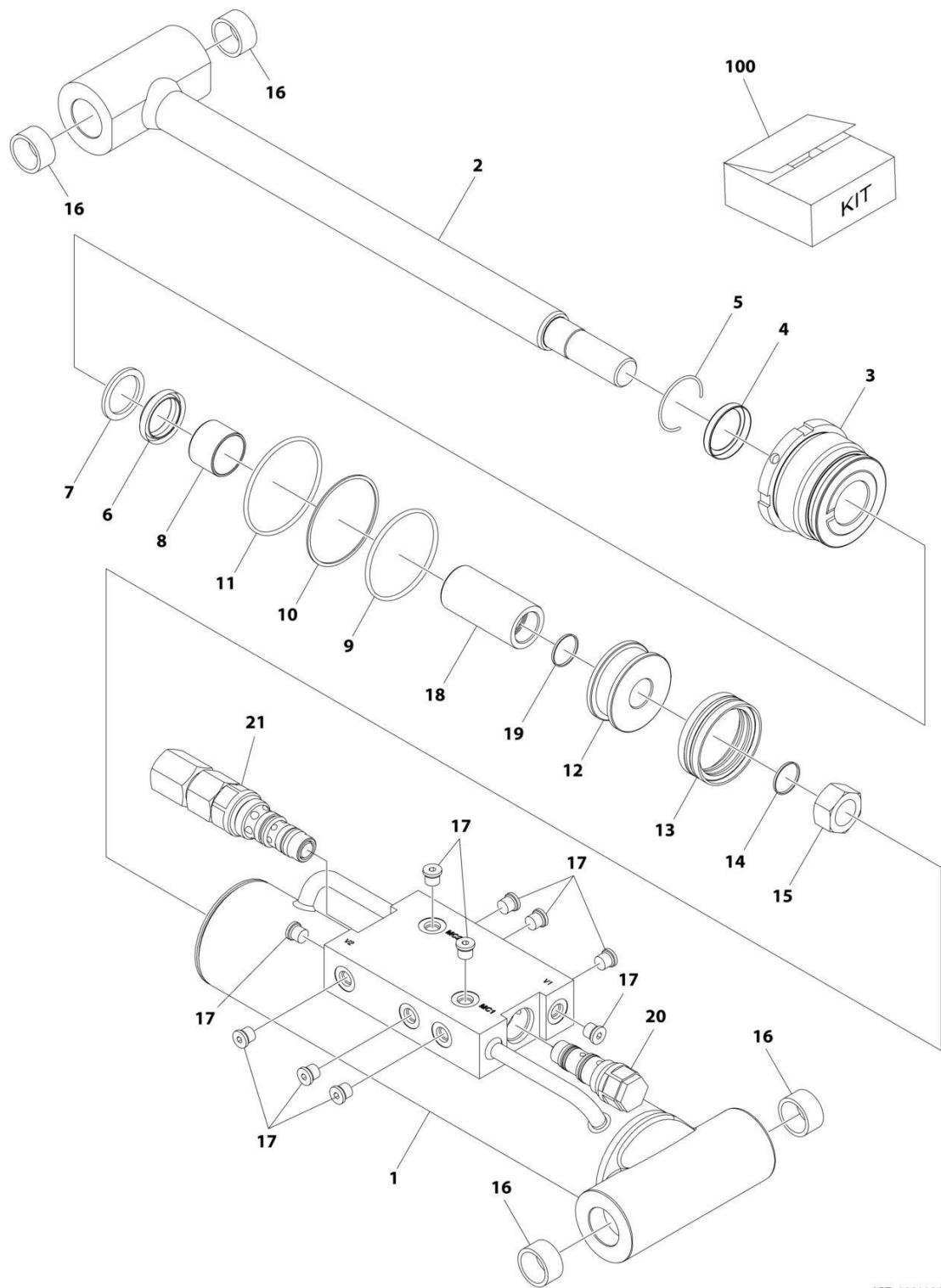
SECTION 6 - CYLINDER

FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219040	Ref	AXLE LOCKOUT CYLINDER ASSEMBLY	
1	1684290	1	Rod	A
2	2220883	2	Plug #4	
3	4640858	1	Valve, Bleeder	
4	1001164817	1	Barrel	
5	1001218594	1	Cartridge, Valve	
5	70002842	1	Seal Kit - 1001218594 Valve	
100	2902266	1	Seal Kit - 1001219040 Cylinder (Includes Items 101-103)	
101	See Note	NSS	Ring, Wear	
102	See Note	NSS	Seal	
103	See Note	NSS	Wiper	

SECTION 6 - CYLINDER

FIGURE 6-2. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE (600S)



ART_1001184954

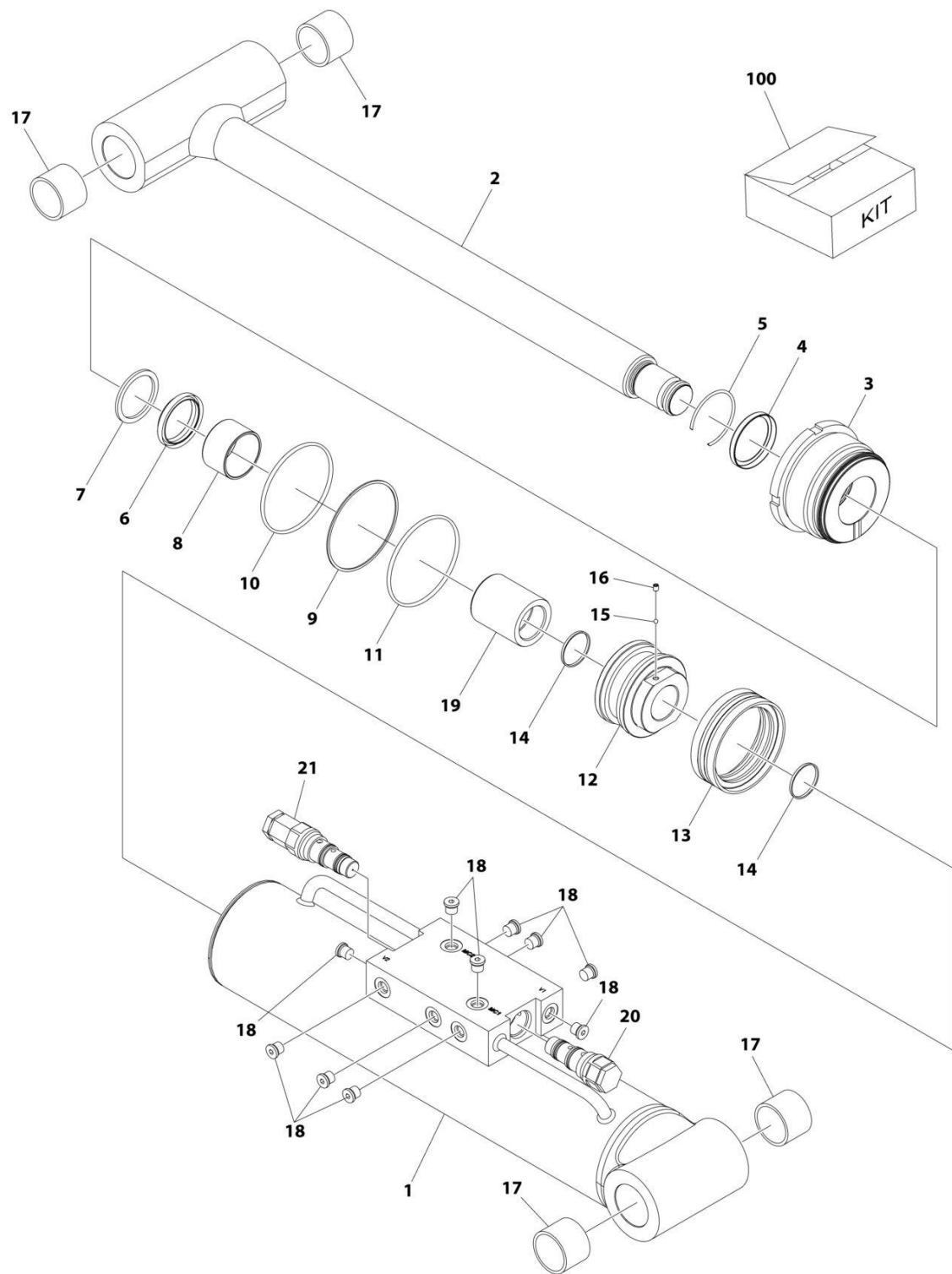
SECTION 6 - CYLINDER

FIGURE 6-2. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE (600S)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184954	Ref	LEVEL CYLINDER ASSEMBLY	
1	70005693	1	Barrel	E
2	70005694	1	Rod	
3	70003085	1	Head	
4	See Note	NSS	Wiper (Note: Use Item 100)	
5	70002366	1	Ring, Retaining	
6	See Note	NSS	Seal, Rod (Note: Use Item 100)	
7	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
8	70005695	1	Bearing	
9	See Note	NSS	O-Ring (Note: Use Item 100)	
10	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
11	See Note	NSS	O-Ring (Note: Use Item 100)	
12	70002381	1	Piston	
13	See Note	NSS	Seal, Piston (Note: Use Item 100)	
14	See Note	NSS	O-Ring (Note: Use Item 100)	
15	70002335	1	Nut	
16	0961947	4	Bearing	
17	2220883	10	Plug	
18	70005696	1	Spacer	
19	See Note	NSS	O-Ring (Note: Use Item 100)	
20	4640999	1	Valve, Counterbalance	
20	2900792	1	Seal Kit - 4640999 Valve	
21	1001232117	1	Valve, Counterbalance	
21	7011112	1	Seal Kit - 1001232117 Valve	
100	70005697	1	Seal Kit - 1001184954 Cylinder (Includes Items 4, 6, 7, 9, 10, 11, 13, 14 & 19)	

SECTION 6 - CYLINDER

FIGURE 6-3. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE (660SJ)



ART_1001184957

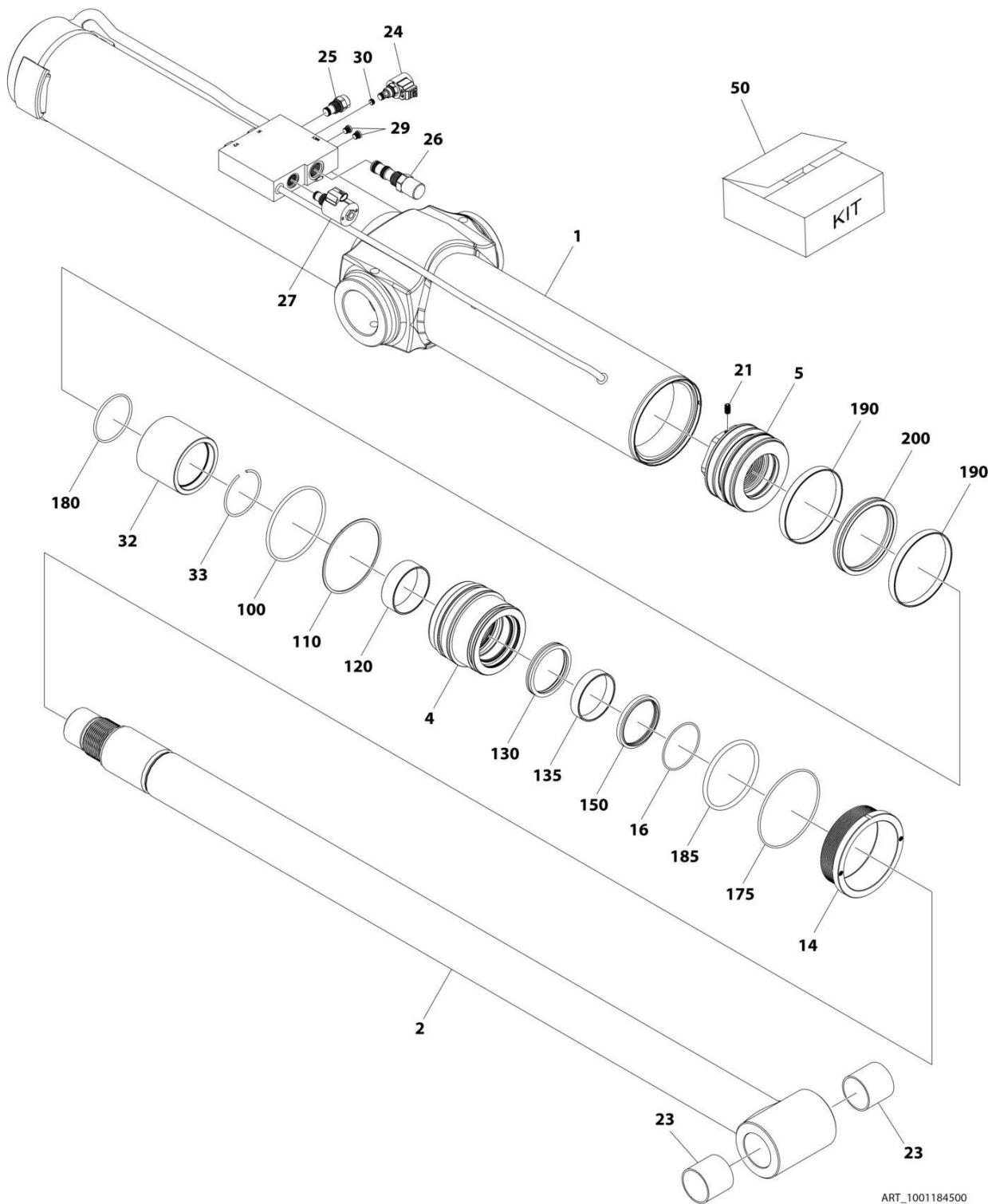
SECTION 6 - CYLINDER

FIGURE 6-3. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE (660SJ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184957	Ref	LEVEL CYLINDER ASSEMBLY	
1	70005698	1	Barrel	
2	70005699	1	Rod	
3	70005700	1	Head	
4	See Note	NSS	Wiper (Note: Use Item 100)	
5	70002410	1	Ring, Retaining	
6	See Note	NSS	Seal, Rod (Note: Use Item 100)	
7	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
8	70004237	1	Bearing	
9	See Note	NSS	O-Ring (Note: Use Item 100)	
10	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
11	See Note	NSS	O-Ring (Note: Use Item 100)	
12	70005701	1	Piston	
13	See Note	NSS	Seal, Piston (Note: Use Item 100)	
14	See Note	NSS	O-Ring (Note: Use Item 100)	
15	70022564	1	Ball	
16	70023369	1	Setscrew	
17	0961948	4	Bearing	
18	2220883	10	Plug	
19	70005702	1	Spacer	
20	4640999	1	Valve, Counterbalance	
20	2900792	1	Seal Kit - 4640999 Valve	
21	4640932	1	Valve, Counterbalance	
21	7011112	1	Seal Kit - 4640932 Valve	
100	70005703	1	Seal Kit - 1001184957 Cylinder (Include Items 4, 6, 7, 9, 10, 11, 13 & 14)	D

SECTION 6 - CYLINDER

FIGURE 6-4. LIFT CYLINDER ASSEMBLY - BOOM



ART_1001184500

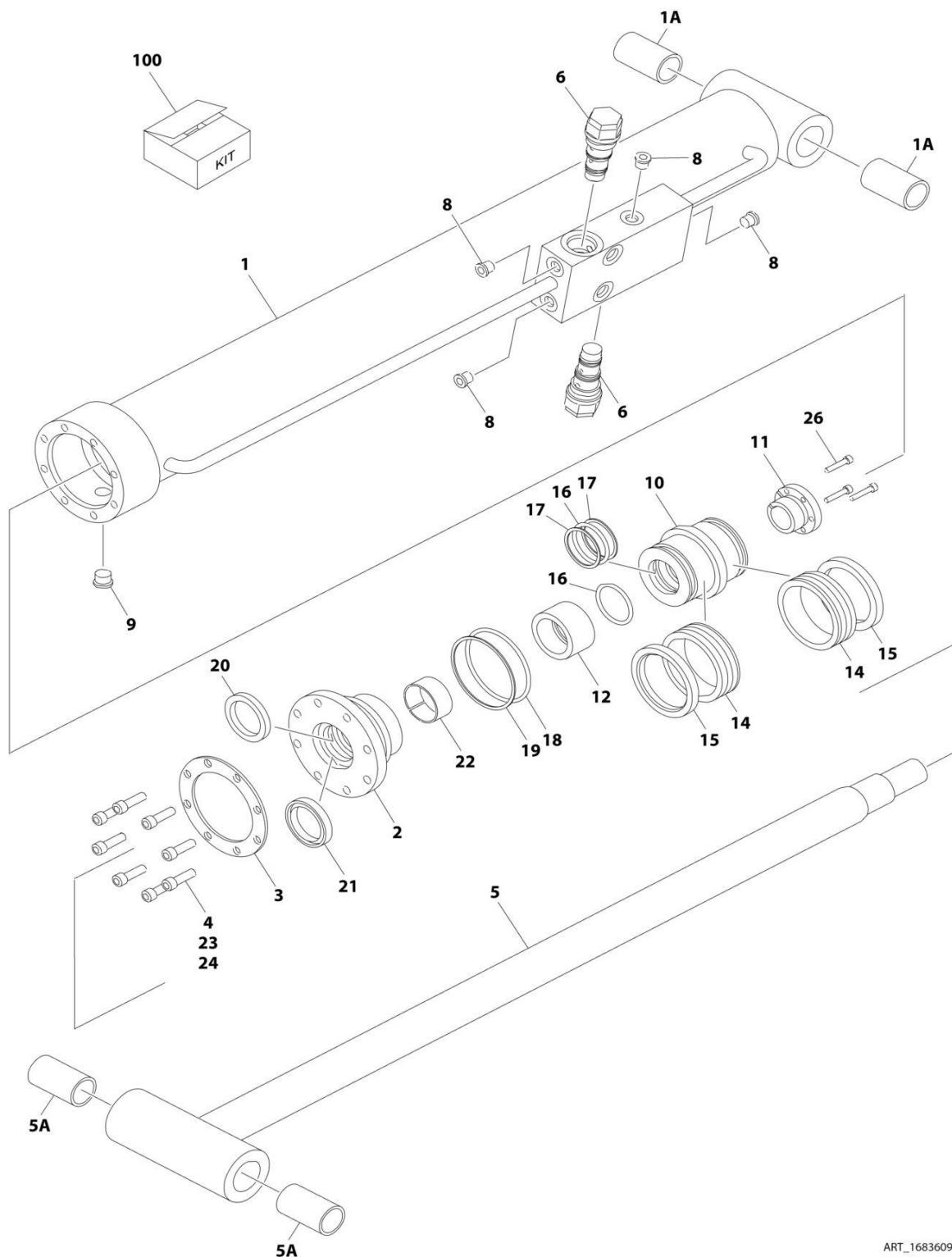
SECTION 6 - CYLINDER

FIGURE 6-4. LIFT CYLINDER ASSEMBLY - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184500	Ref	LIFT CYLINDER ASSEMBLY	J
1	70005570	1	Barrel	
2	70005571	1	Rod	
4	70005572	1	Head	
5	70025580	1	Head	
14	70026164	1	Collar, Locking	
16	70000699	1	Ring, Retaining	
21	70025582	1	Setscrew	
23	0962423	2	Bushing	
24	1001195382	1	Valve, Solenoid	
24	7017467	1	Cartridge Less Coil	
24	7012967	1	Seal Kit - 1001195382 & 7017467 Valves	
24	70005576	1	Coil	
25	4641390	1	Valve, Check	
25	7017496	1	Seal Kit - 4641930 Valve	
26	1001203628	1	Valve, Pressure Compensator	
26	7012925	1	Seal Kit - 1001203628 Valve	
27	1001218037	1	Valve, Solenoid	
27	70006003	1	Cartridge Less Coil	
27	70006005	1	Seal Kit - 1001218037 & 70006003 Valve	
27	70006004	1	Coil	
27	70006006	1	Coil Nut Kit	
29	70025619	2	Plug	
30	70006261	1	Orifice	
32	70006260	1	Spacer	
33	70005575	1	Wire, Retaining	
50	70005563	1	Seal Kit - 1001184500 Cylinder (Includes Items 100-200)	
100	See Note	NSS	O-Ring (Note: Use Item 50)	
110	See Note	NSS	Ring, Back-up (Note: Use Item 50)	
120	See Note	NSS	Ring, Bearing (Note: Use Item 50)	
130	See Note	NSS	Seal, Rod (Note: Use Item 50)	
135	See Note	NSS	Ring, Bearing (Note: Use Item 50)	
150	See Note	NSS	Wiper (Note: Use Item 50)	
175	See Note	NSS	O-Ring (Note: Use Item 50)	
180	See Note	NSS	O-Ring (Note: Use Item 50)	
185	See Note	NSS	O-Ring (Note: Use Item 50)	
190	See Note	NSS	Ring, Bearing (Note: Use Item 50)	
200	See Note	NSS	Seal, Piston (Note: Use Item 50)	

SECTION 6 - CYLINDER

FIGURE 6-5. LIFT CYLINDER ASSEMBLY - JIB (660SJ) (ORIGINAL EQUIPMENT) (SN 0300235168 through 03000237971, SN B300002216 through B300002338)



ART_1683609

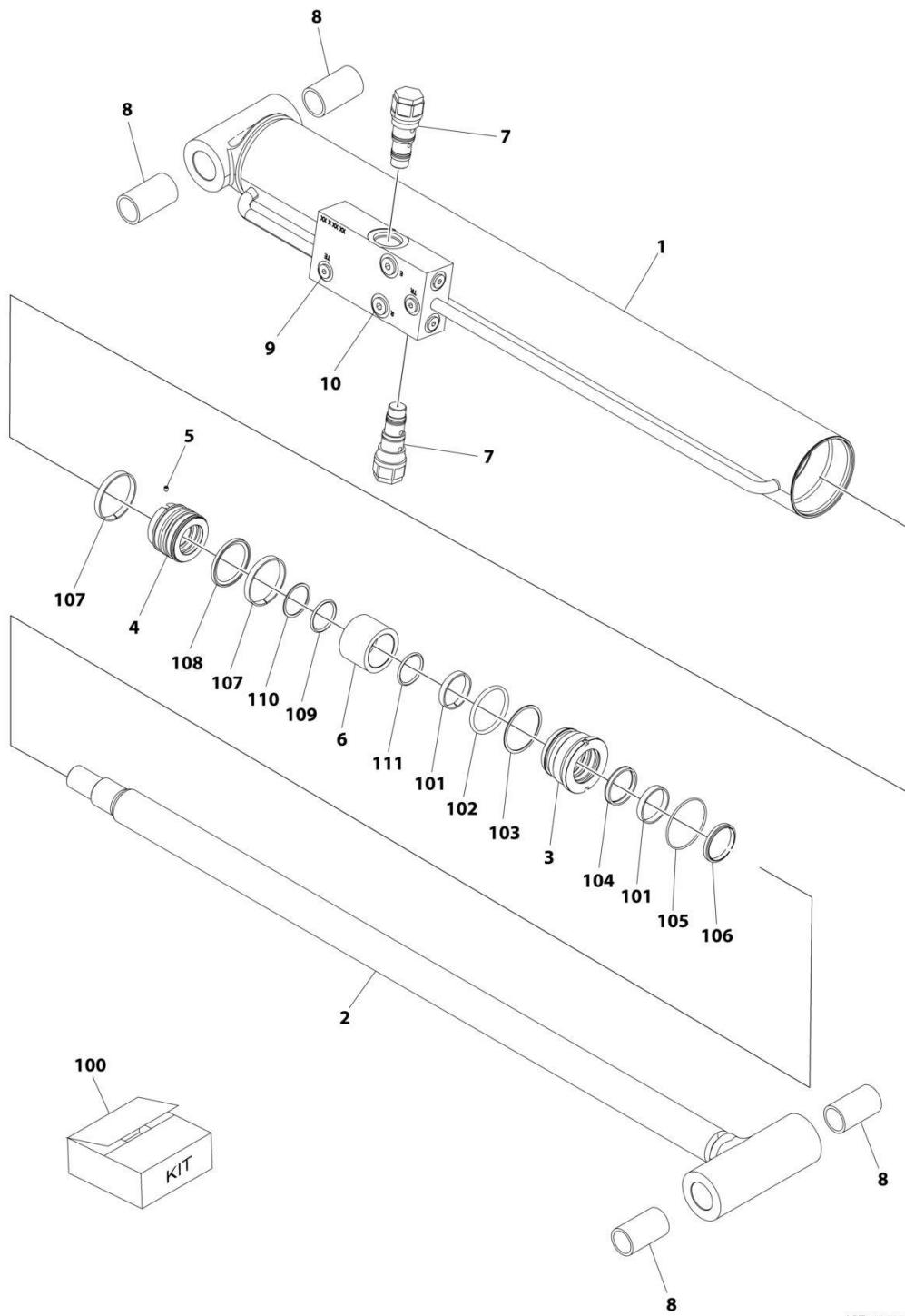
SECTION 6 - CYLINDER

FIGURE 6-5. LIFT CYLINDER ASSEMBLY - JIB (660SJ) (ORIGINAL EQUIPMENT) (SN 0300235168 through 03000237971, SN B300002216 through B300002338)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1683609	Ref	LIFT CYLINDER ASSEMBLY	
		Ref	Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	L
1	1684089	1	Barrel	
1A	0962336	2	Bushing	
2	1683053	1	Head	
3	3760368	1	Ring, Washer	
4	3931516	8	Capscrew 5/16in-18NC x 1in	
5	1684090	1	Rod	
5A	0962336	2	Bushing	
6	4640509	2	Cartridge, Valve	
6	2900792	2	Seal Kit - 4640509 Valve	
8	2220883	2	Plug #4	
9	2220885	1	Plug #6	
10	3480210	1	Piston	
11	0961893	1	Bushing, Tapered	
12	4100100	1	Spacer, Tube	
14	See Note	NSS	Seal (Note: Use Item 100)	
15	See Note	NSS	Ring, Lock (Note: Use Item 100)	
16	See Note	NSS	O-Ring (Note: Use Item 100)	
17	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
18	See Note	NSS	O-Ring (Note: Use Item 100)	
19	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
20	See Note	NSS	Seal, Rod (Note: Use Item 100)	
21	See Note	NSS	Wiper (Note: Use Item 100)	
22	See Note	NSS	Ring, Wear (Note: Use Item 100)	
23	0100011	AR	Compound, Locking	
24	0100038	AR	Primer, Locking	
26	0630534	3	Bolt #10-24NC x 1in	
100	2901303	1	Seal Kit (Includes Items 14-22)	

SECTION 6 - CYLINDER

FIGURE 6-6. LIFT CYLINDER ASSEMBLY - JIB (660SJ) (SERVICE REPLACEMENT) (SN 0300235168 through 03000237971, SN B300002216 through B300002338)



ART_1001228012

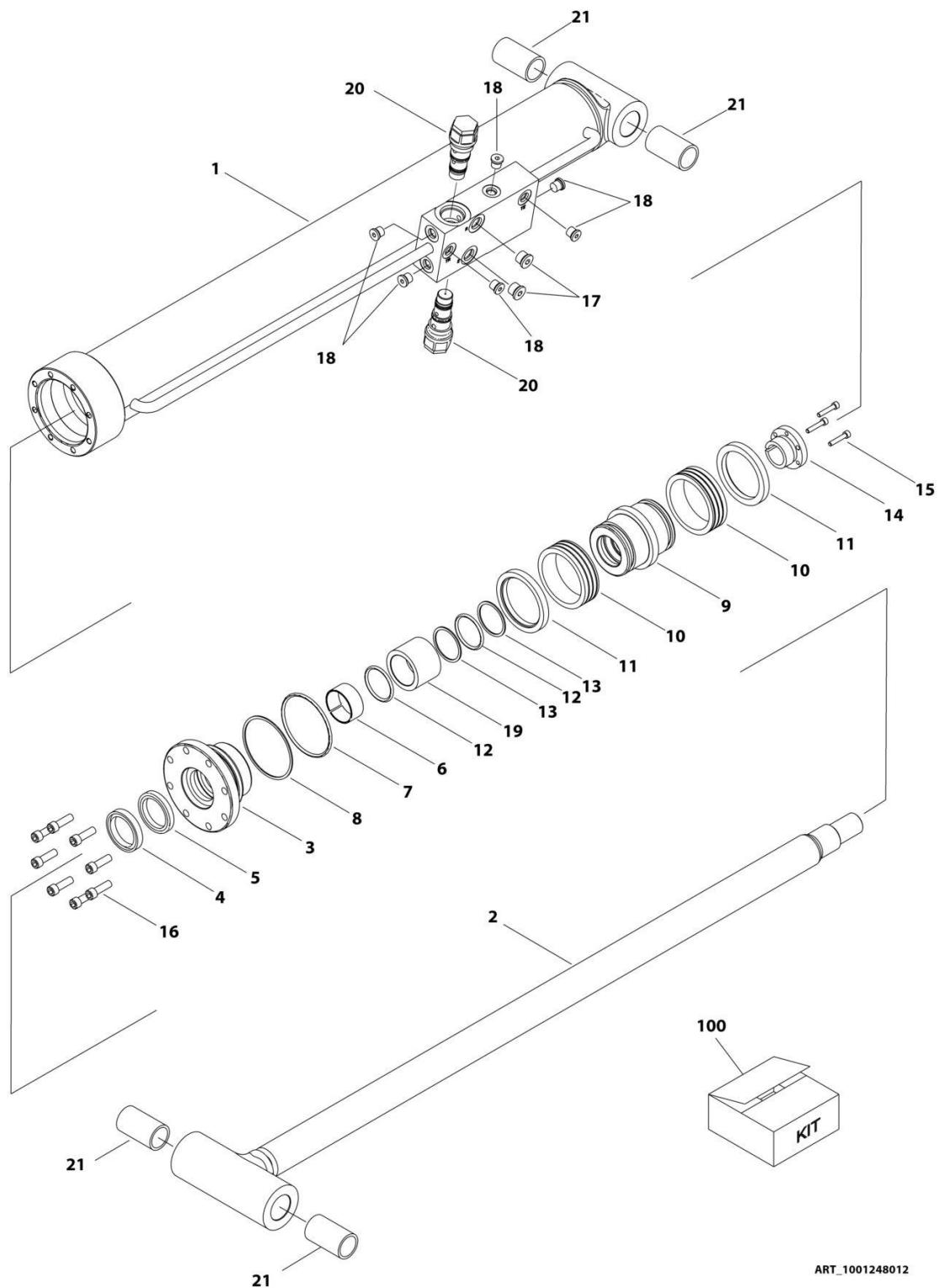
SECTION 6 - CYLINDER

FIGURE 6-6. LIFT CYLINDER ASSEMBLY - JIB (660SJ) (SERVICE REPLACEMENT) (SN 0300235168 through 03000237971, SN B300002216 through B300002338)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228012	Ref	LIFT CYLINDER ASSEMBLY - JIB	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Not Available for Purchase)	
2	70006572	1	Rod	
3	70006571	1	Head	
4	70006570	1	Piston	
5	70023915	1	Screw	
6	70006569	1	Spacer	
7	4640509	2	Cartridge, Valve	
7	2900792	2	Seal Kit - 4640509 Valve	
8	0962336	4	Bushing	
9	2220883	6	Plug, O-Ring	
10	2220885	2	Plug, O-Ring	
100	70006568	1	Seal Kit (Includes Items 101-111)	
101	See Note	NSS	Ring, Wear (Note: Use Item 100)	
102	See Note	NSS	O-Ring (Note: Use Item 100)	
103	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
104	See Note	NSS	Seal, Rod (Note: Use Item 100)	
105	See Note	NSS	O-Ring (Note: Use Item 100)	
106	See Note	NSS	Wiper (Note: Use Item 100)	
107	See Note	NSS	Ring, Wear (Note: Use Item 100)	
108	See Note	NSS	Seal (Note: Use Item 100)	
109	See Note	NSS	O-Ring (Note: Use Item 100)	
110	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
111	See Note	NSS	O-Ring (Note: Use Item 100)	

SECTION 6 - CYLINDER

FIGURE 6-7. LIFT CYLINDER ASSEMBLY - JIB (660SJ) (SERVICE REPLACEMENT) (SN 0300235168 through 03000237971, SN B300002216 through B300002338)



ART_1001248012

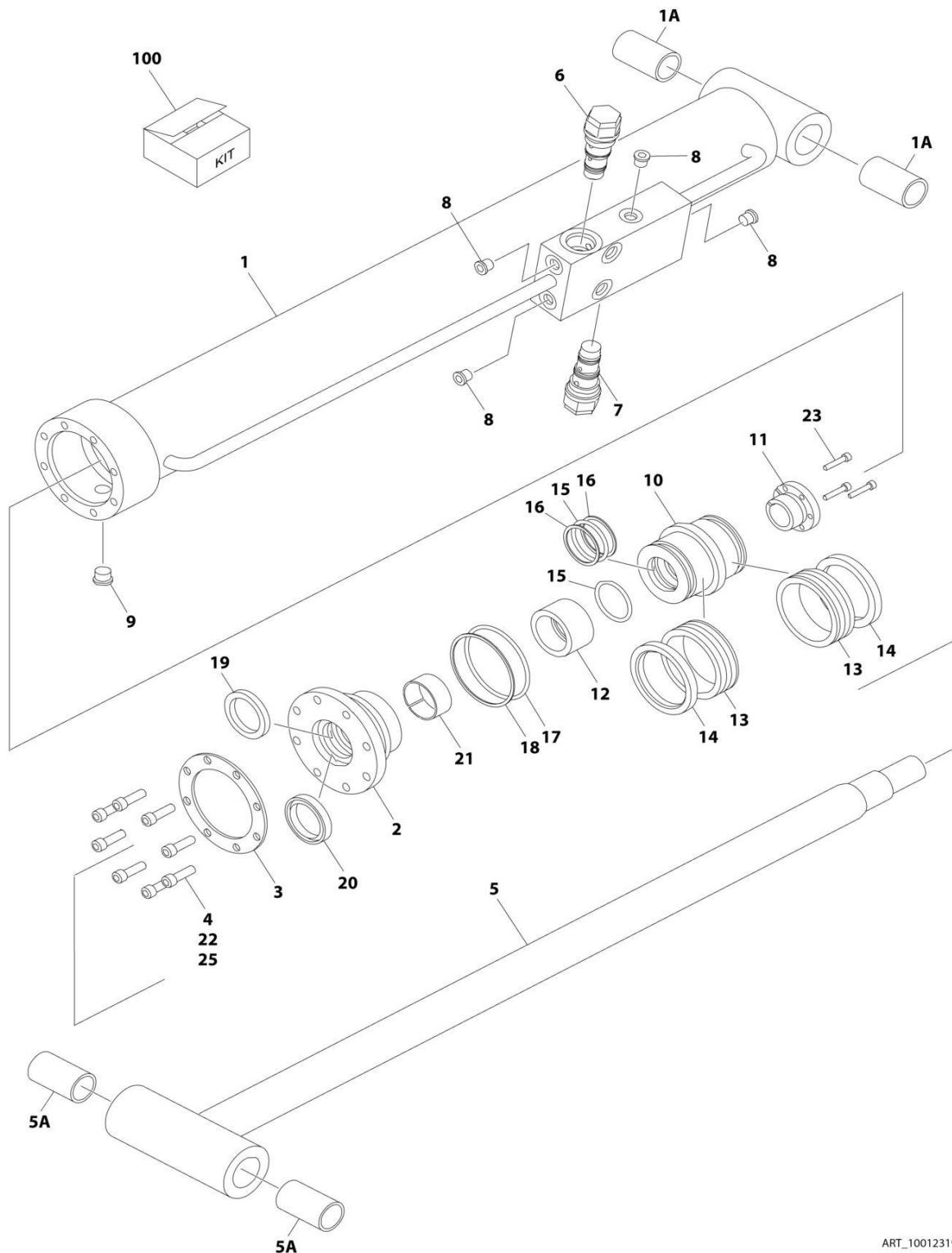
SECTION 6 - CYLINDER

FIGURE 6-7. LIFT CYLINDER ASSEMBLY - JIB (660SJ) (SERVICE REPLACEMENT) (SN 0300235168 through 03000237971, SN B300002216 through B300002338)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248012	Ref	LIFT CYLINDER ASSEMBLY - JIB	
		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 6-8. LIFT CYLINDER ASSEMBLY - JIB (660SJ) (SN 0300237972 through 0300245222, SN B300002339 to Present)



ART_1001231956

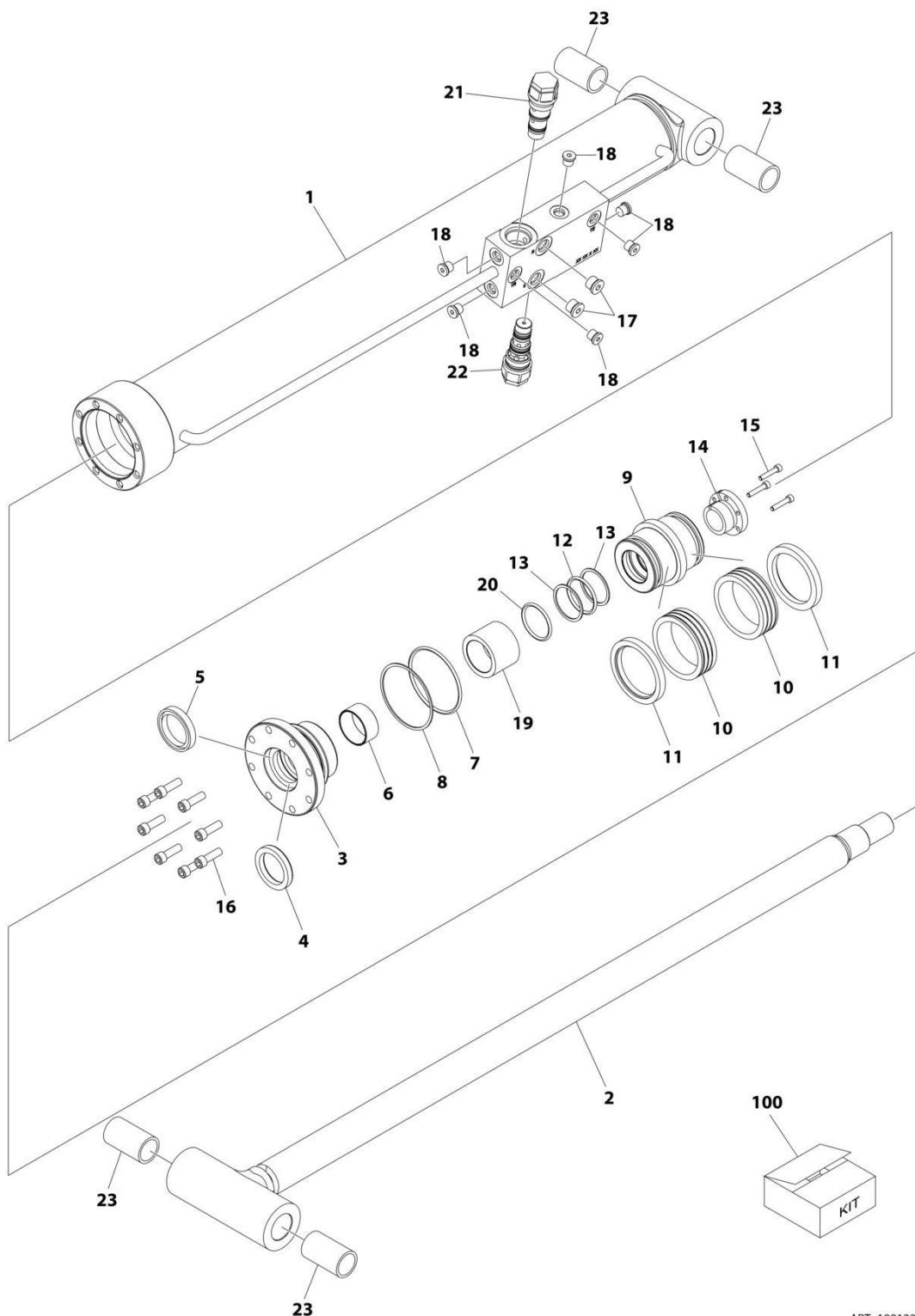
SECTION 6 - CYLINDER

FIGURE 6-8. LIFT CYLINDER ASSEMBLY - JIB (660SJ) (SN 0300237972 through 0300245222, SN B300002339 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231956	Ref	LIFT CYLINDER ASSEMBLY	C
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	1684089	1	Barrel	
1A	0962336	2	Bushing	
2	1683053	1	Head	
3	3760368	1	Ring, Washer	
4	3931516	8	Capscrew 5/16in-18NC x 1in	
5	1684090	1	Rod	
5A	0962336	2	Bushing	
6	4640509	1	Cartridge, Valve	
6	2900792	1	Seal Kit - 4640509 Valve	
7	1001231963	1	Cartridge, Valve	
7	70004186	1	Seal Kit - 1001231963 Valve	
8	2220883	4	Plug, O-Ring #4	
9	2220885	1	Plug, O-Ring #6	
10	3480210	1	Piston	
11	0961893	1	Bushing, Tapered	
12	4100100	1	Spacer, Tube	
13	See Note	NSS	Seal (Note: Use Item 100)	
14	See Note	NSS	Ring, Lock (Note: Use Item 100)	
15	See Note	NSS	O-Ring (Note: Use Item 100)	
16	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
17	See Note	NSS	O-Ring (Note: Use Item 100)	
18	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
19	See Note	NSS	Seal, Rod (Note: Use Item 100)	
20	See Note	NSS	Wiper (Note: Use Item 100)	
21	See Note	NSS	Ring, Wear (Note: Use Item 100)	
22	0100011	AR	Compound, Locking	
23	0630534	3	Bolt #10-24NC x 1in	
25	0100038	AR	Primer, Locking	
100	2901303	1	Seal Kit (Includes Items 13-21)	

SECTION 6 - CYLINDER

FIGURE 6-9. LIFT CYLINDER ASSEMBLY - JIB (660SJ) (SN 0300237157 to Present)



ART_1001228013

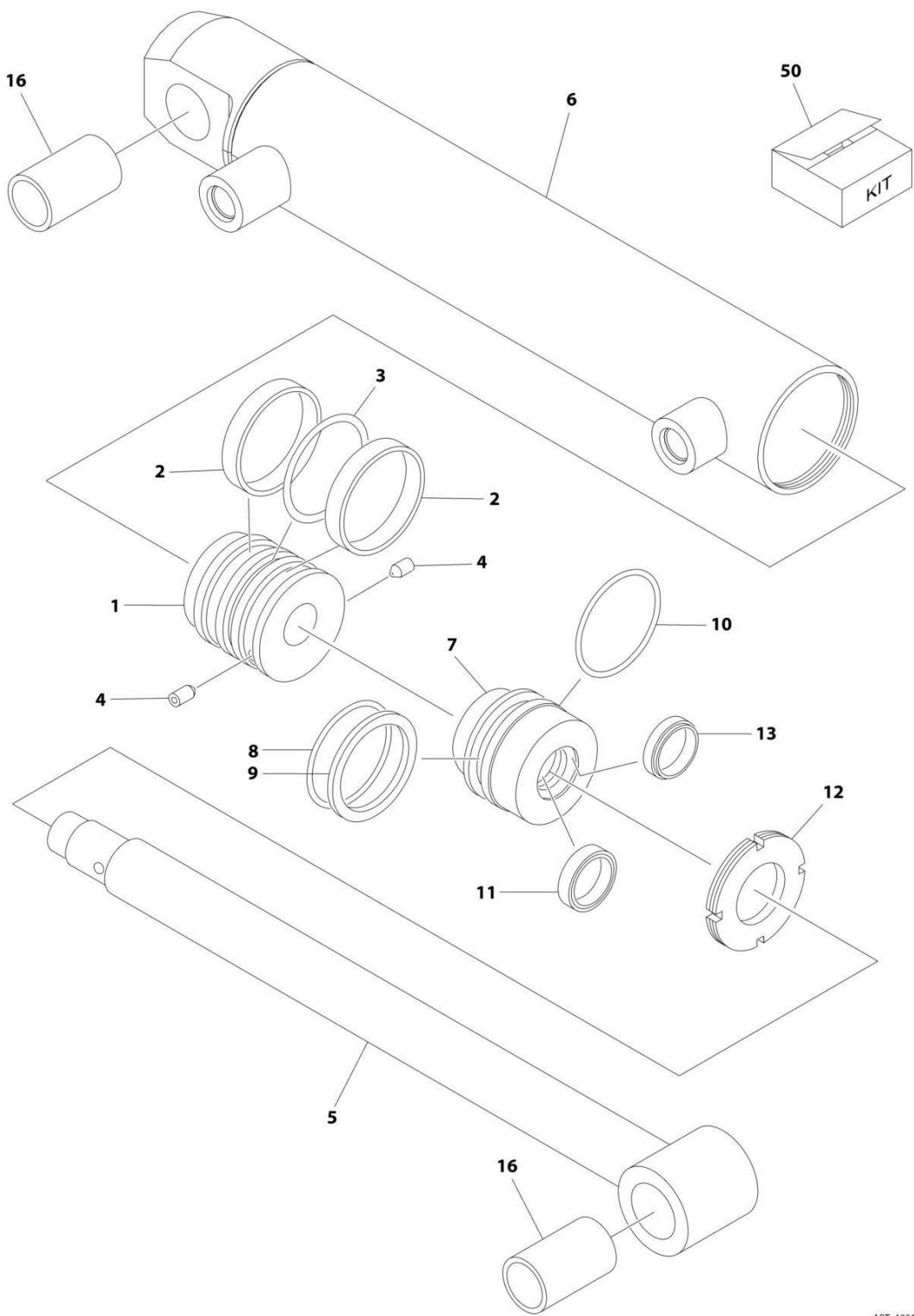
SECTION 6 - CYLINDER

FIGURE 6-9. LIFT CYLINDER ASSEMBLY - JIB (660SJ) (SN 0300237157 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228013	Ref	LIFT CYLINDER ASSEMBLY	
		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	Bolt #10-24NC x 1in	
16	70006735	8	Capscrew 5/16 x 1	
17	2220885	2	Plug, O-Ring #6	
18	2220883	6	Plug, O-Ring #4	
19	70006736	1	Spacer, Tube	
20	See Note	NSS	O-Ring (Note: Use Item 100)	
21	4640509	1	Cartridge, Valve	
21	2900792	1	Seal Kit - 4640509 Valve	
22	1001231963	1	Cartridge, Valve	
22	70004186	1	Seal Kit - 1001231963 Valve	
23	0962336	4	Bushing	
100	2901303	1	Seal Kit (Includes Items 4-8, 10-13 & 20)	

SECTION 6 - CYLINDER

FIGURE 6-10. STEER CYLINDER ASSEMBLY



ART_1001181792

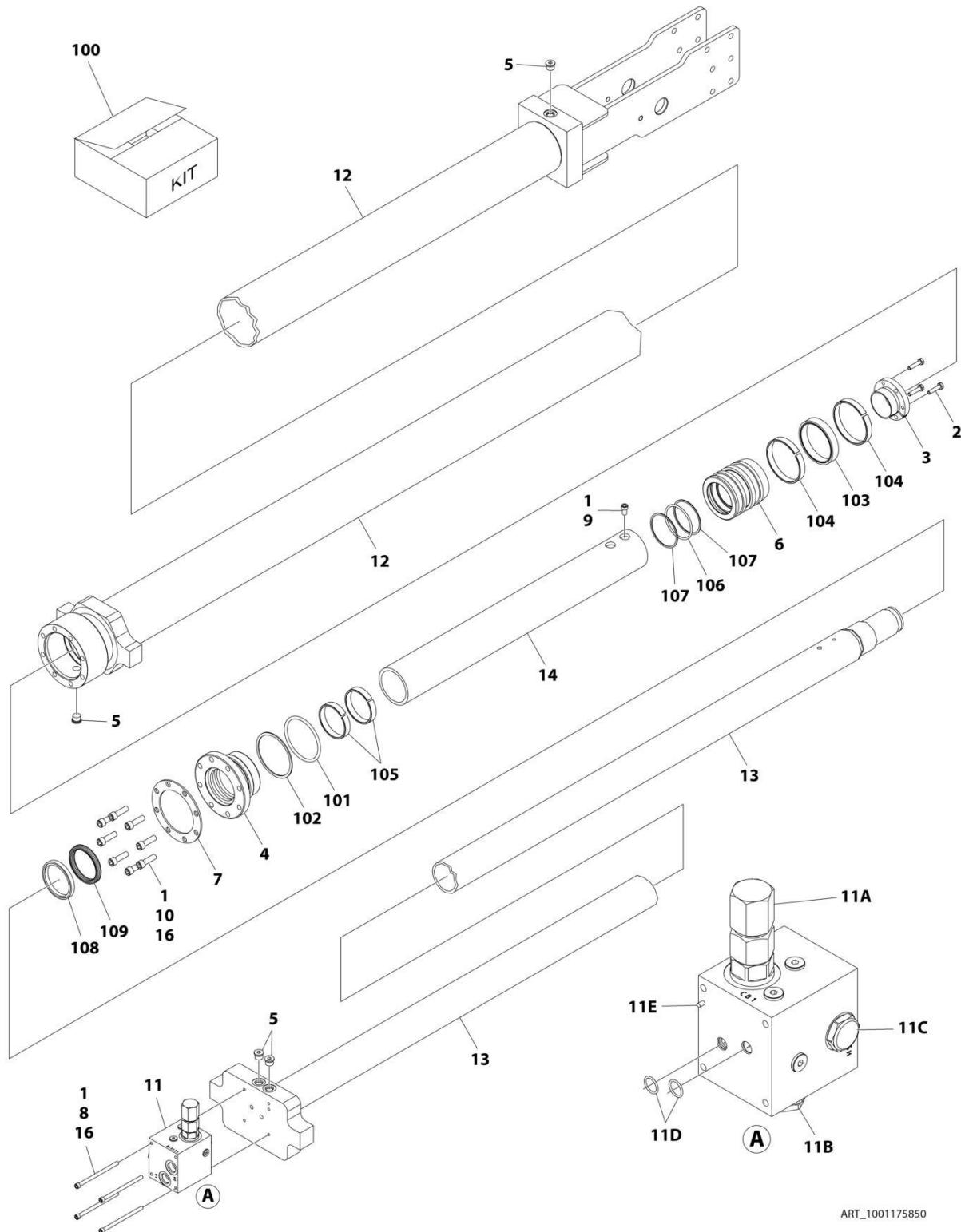
SECTION 6 - CYLINDER

FIGURE 6-10. STEER CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181792	Ref	STEER CYLINDER ASSEMBLY	
1	70006106	1	Piston	
2	See Note	NSS	Ring, Wear (Note: Use Item 50)	
3	See Note	NSS	Seal, Piston (Note: Use Item 50)	
4	70002745	2	Setscrew	
5	70006107	1	Rod	
6	See Note	NSS	Barrel	
7	70002755	1	Head	
8	See Note	1	O-Ring (Note: Use Item 50)	
9	See Note	NSS	Ring, Back-up (Note: Use Item 50)	
10	See Note	NSS	Ring (Note: Use Item 50)	
11	See Note	NSS	Seal, Rod (Note: Use Item 50)	
12	70002756	1	Nut, Spanner (Note: Use Item 50)	
13	See Note	NSS	Wiper (Note: Use Item 50)	
16	1001182695	2	Bearing	
50	70006108	1	Seal Kit - 1001181792 (Includes Items 2, 3, 8-11 & 13)	

SECTION 6 - CYLINDER

FIGURE 6-11. TELESCOPE CYLINDER ASSEMBLY (SN 0300235168 through 0300237156, SN B300002655 through B300002781)



ART_1001175850

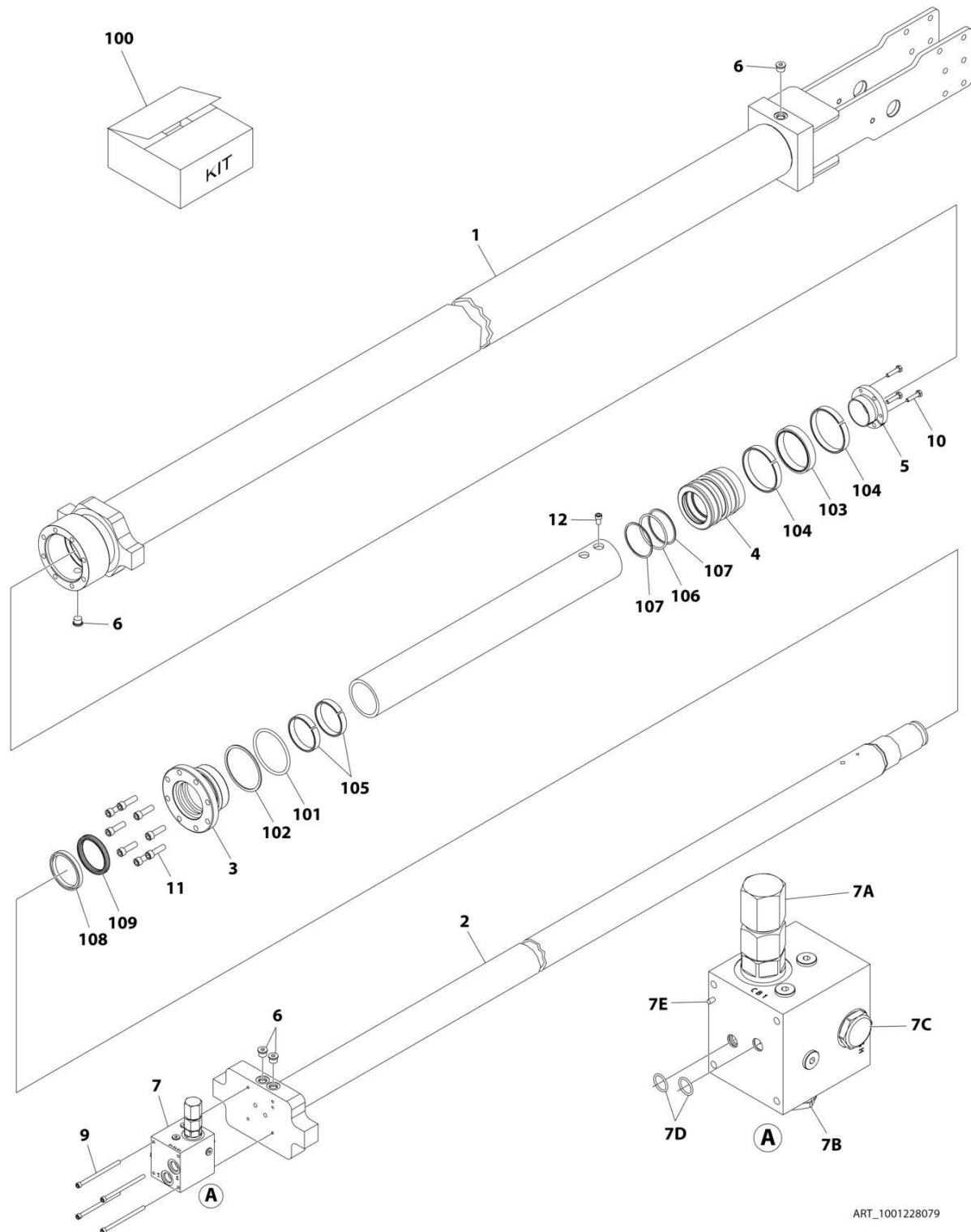
SECTION 6 - CYLINDER

FIGURE 6-11. TELESCOPE CYLINDER ASSEMBLY (SN 0300235168 through 0300237156, SN B300002655 through B300002781)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175850	Ref	TELESCOPE CYLINDER ASSEMBLY	E
		Ref	Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	0100011	AR	Compound, Locking	
2	0630535	3	Bolt 1/4 x 1-1/8	
3	0961897	1	Bushing, Tapered	
4	1683057	1	Head	
5	2220885	4	Plug #6	
6	3480205	1	Piston	
7	3760369	1	Ring, Washer	
8	3931464	4	Capscrew 1/4 x 4	
9	3931508	1	Capscrew 5/16 x 1/2	
10	3931620	8	Capscrew 3/8 x 1-1/4	
11	1001133245	1	Valve Assembly	
11A	70003926	1	Cartridge, Valve	
11A	70004186	1	Seal Kit - 70003926 Valve	
11B	70004155	1	Cartridge, Valve	
11B	70004186	1	Seal Kit - 70004155 Valve	
11C	70003928	1	Cartridge, Valve	
11C	70003929	1	Seal Kit - 70003928 Valve	
11D	70003982	1	Seal	
11E	70003930	1	Roll Pin	
12	1001175346	1	Barrel	
13	1001175852	1	Rod	
14	1001176339	1	Spacer	
16	0100038	AR	Primer	
100	1001177519	1	Seal Kit - 1001175850 (Includes Item 101-109)	
101	1001177520	NSS	O-Ring (Note: Use Item 100)	
102	1001177521	NSS	Ring, Back-up (Note: Use Item 100)	
103	1001177522	NSS	Seal (Note: Use Item 100)	
104	3960361	NSS	Ring, Wear (Note: Use Item 100)	
105	3760132	NSS	Ring, Wear (Note: Use Item 100)	
106	1001138915	NSS	O-Ring (Note: Use Item 100)	
107	3760356	NSS	Seal, Back-up (Note: Use Item 100)	
108	3960158	NSS	Wiper (Note: Use Item 100)	
109	1001215321	NSS	Seal, Rod (Note: Use Item 100)	

SECTION 6 - CYLINDER

FIGURE 6-12. TELESCOPE CYLINDER ASSEMBLY (SN 0300237157 through 0300250001, SN B300002782 through B300003104)



ART_1001228079

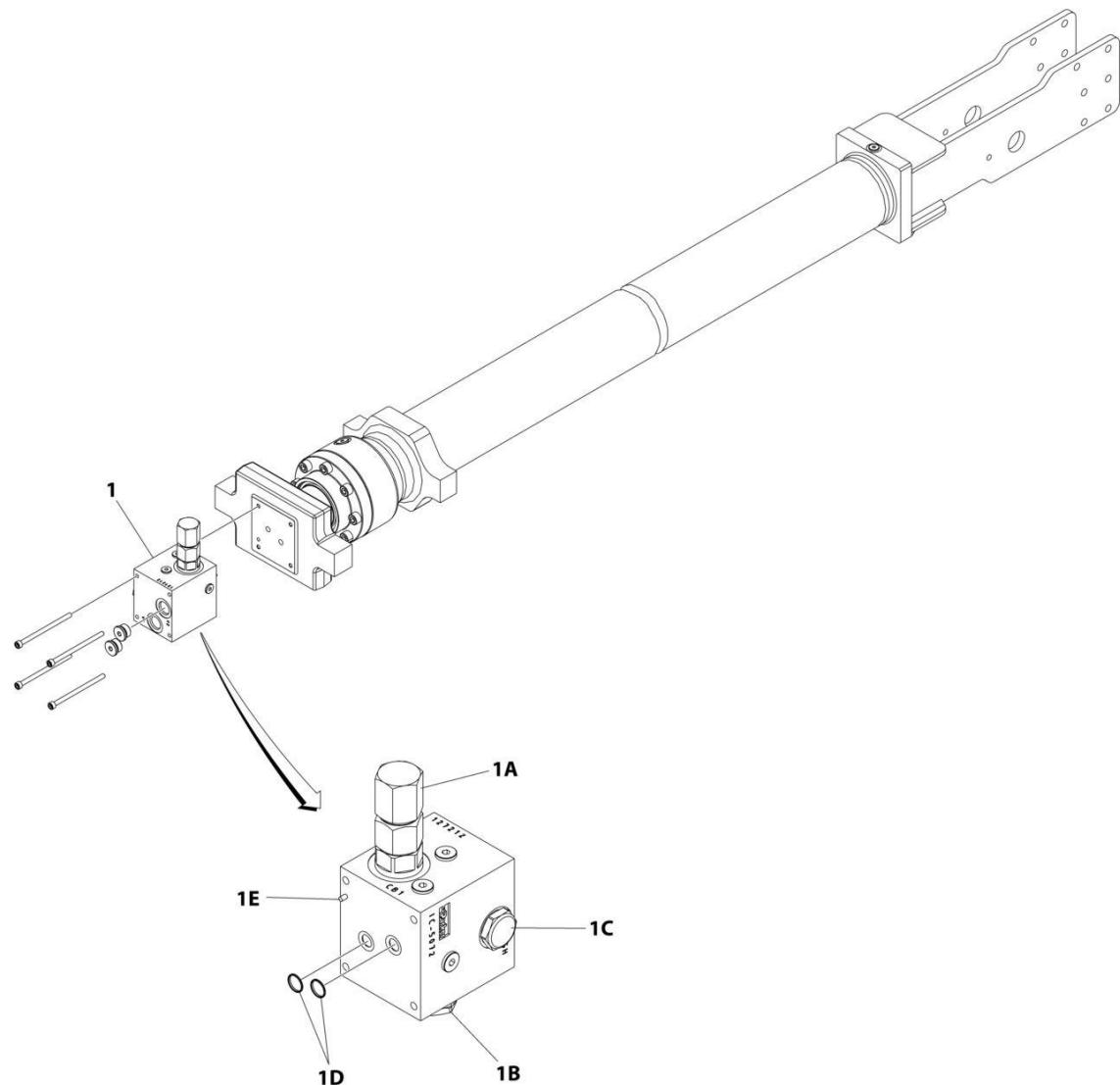
SECTION 6 - CYLINDER

FIGURE 6-12. TELESCOPE CYLINDER ASSEMBLY (SN 0300237157 through 0300250001, SN B300002782 through B300003104)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228079	Ref	TELESCOPE CYLINDER ASSEMBLY	
		Ref	Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	B
1	See Note	NSS	Barrel (Note: Not Available for Purchase)	
2	70006441	1	Rod	
3	70006440	1	Head	
4	70006439	1	Piston	
5	70006438	1	Bushing, Tapered	
6	2220885	4	Plug #6	
7	1001133245	1	Valve Assembly	
7A	70003926	1	Cartridge, Valve	
7A	70004186	1	Seal Kit - 70003926 Valve	
7B	70004155	1	Cartridge, Valve	
7B	70004186	1	Seal Kit - 70004155 Valve	
7C	70003928	1	Cartridge, Valve	
7C	70003929	1	Seal Kit - 70003928 Valve	
7D	70003982	1	Seal	
7E	70003930	1	Roll Pin	
9	3931464	4	Capscrew 1/4 x 4	
10	0630535	3	Bolt 1/4 x 1-1/8	
11	3931620	8	Capscrew 3/8 x 1-1/4	
12	3931508	1	Capscrew 5/16 x 1/2	
100	1001177519	1	Seal Kit - 1001228079 (Includes Item 101-109)	
101	1001177520	NSS	O-Ring (Note: Use Item 100)	
102	1001177521	NSS	Ring, Back-up (Note: Use Item 100)	
103	1001177522	NSS	Seal (Note: Use Item 100)	
104	3960361	NSS	Ring, Wear (Note: Use Item 100)	
105	3760132	NSS	Ring, Wear (Note: Use Item 100)	
106	1001138915	NSS	O-Ring (Note: Use Item 100)	
107	3760356	NSS	Seal, Back-up (Note: Use Item 100)	
108	3960158	NSS	Wiper (Note: Use Item 100)	
109	1001215321	NSS	Seal, Rod (Note: Use Item 100)	

SECTION 6 - CYLINDER

FIGURE 6-13. TELESCOPE CYLINDER ASSEMBLY (SN 0300250002 to Present, SN B300003105 to Present)



ART_1001251079

SECTION 6 - CYLINDER

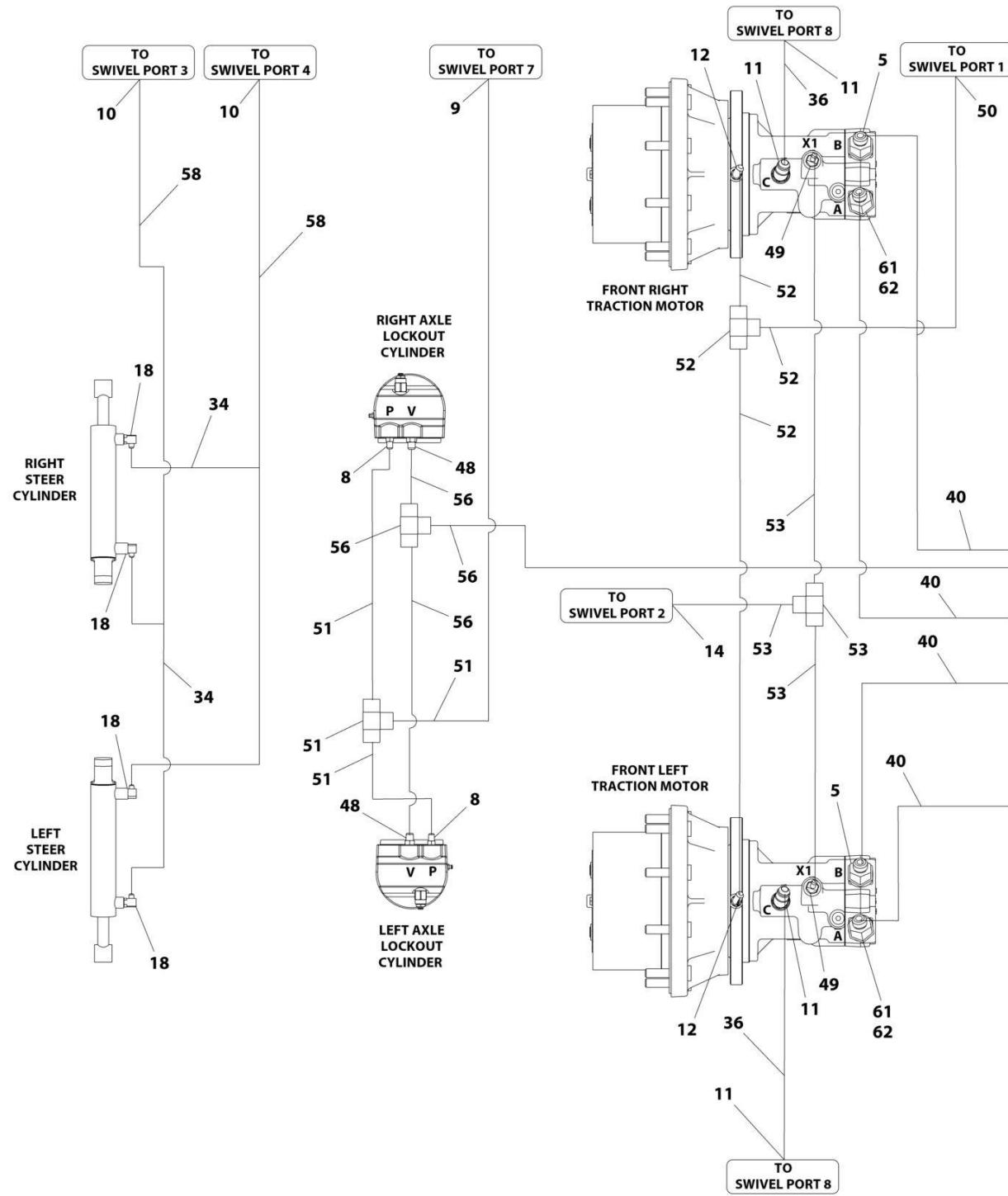
FIGURE 6-13. TELESCOPE CYLINDER ASSEMBLY (SN 0300250002 to Present, SN B300003105 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251079 See Note	Ref Ref	TELESCOPE CYLINDER ASSEMBLY Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	A
1	1001133245 See Note	1 Ref	Valve Assembly Note: No Service Parts Available at time of Printing	
1A	70003926	1	Cartridge, Valve	
1A	70004186	1	Seal Kit - 70003926 Valve	
1B	70004155	1	Cartridge, Valve	
1B	70004186	1	Seal Kit - 70004155 Valve	
1C	70003928	1	Cartridge, Valve	
1C	70003929	1	Seal Kit - 70003928 Valve	
1D	70003982	2	Seal	
1E	70003930	1	Roll Pin	

SECTION 7 - HYDRAULIC

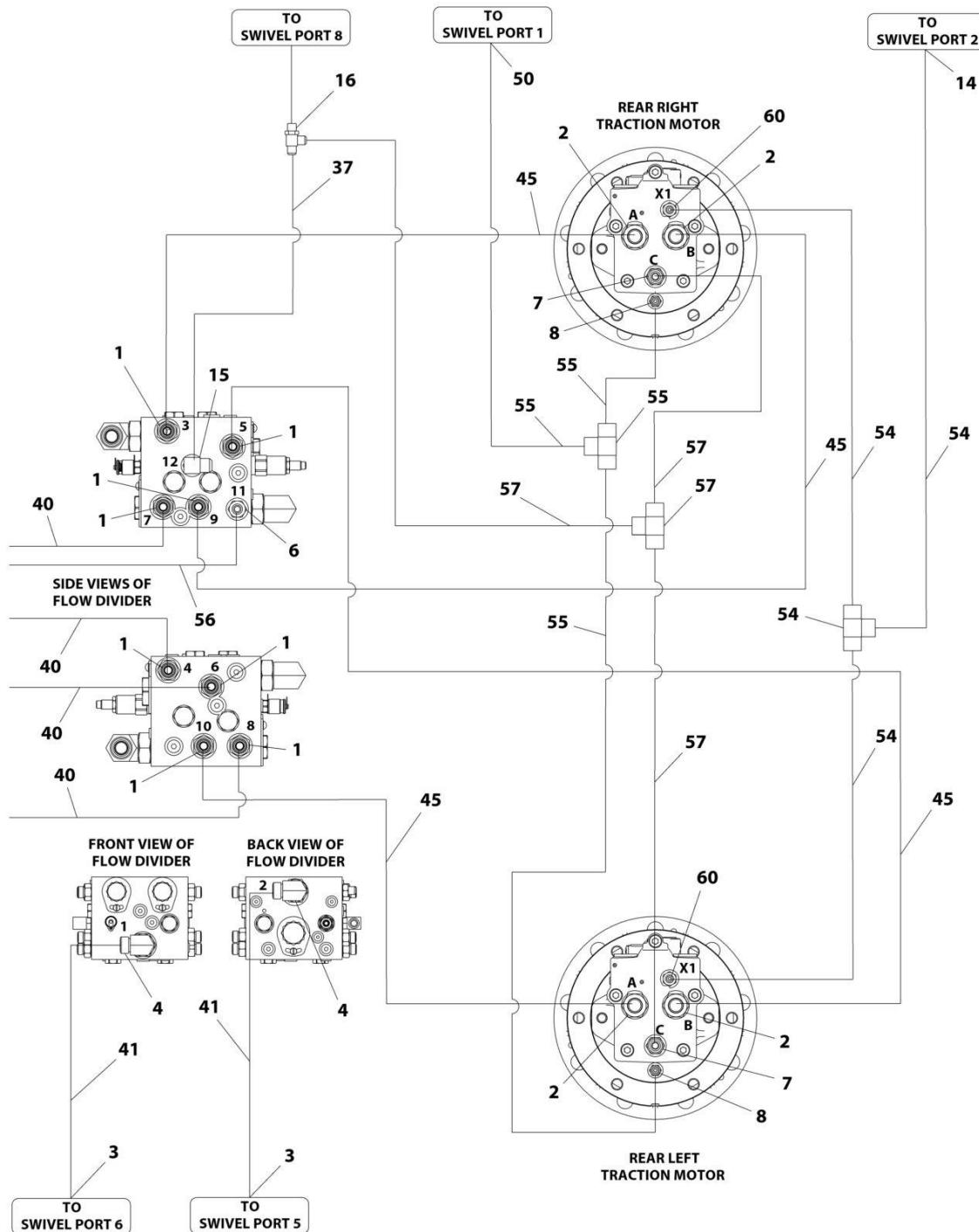
SECTION 7 - HYDRAULIC

FIGURE 7-1. DRIVE HYDRAULIC DIAGRAM (2WS WITHOUT ARCTIC PACKAGE)



ART_1001188342_1OF2

SECTION 7 - HYDRAULIC



ART_1001188342_2OF2

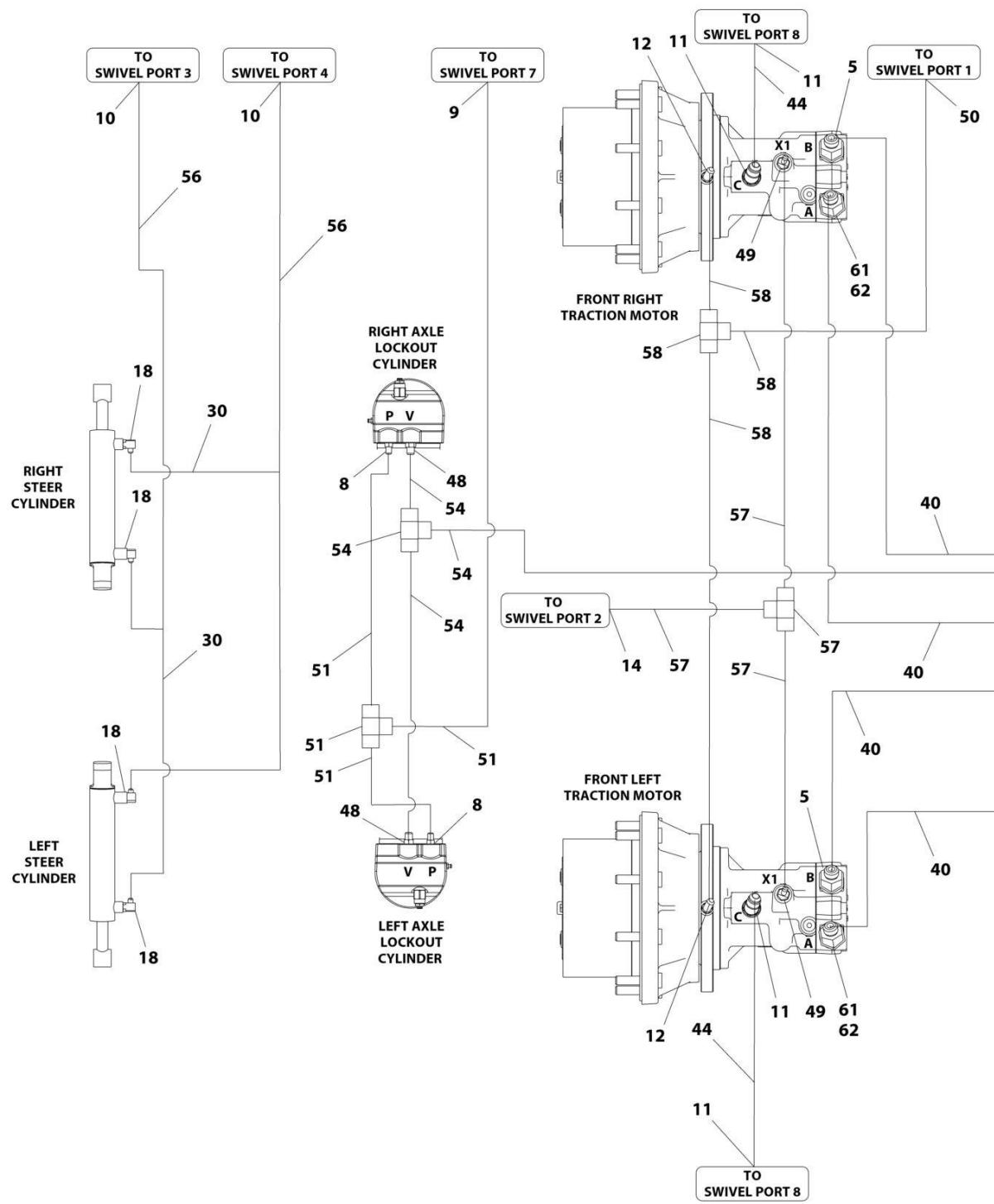
SECTION 7 - HYDRAULIC

FIGURE 7-1. DRIVE HYDRAULIC DIAGRAM (2WS WITHOUT ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188342	Ref	DRIVE HYDRAULIC DIAGRAM	
1	2110810	8	Fitting, Straight ORFS/ORB	
2	2110812	4	Fitting, Straight ORFS/ORB	
3	2111216	2	Fitting, Straight ORFS/ORB	
4	2131216	2	Fitting, 90 ORFS/ORB	
5	2150812	2	Fitting, 45 ORFS/ORB	
6	2220372	1	Fitting, Straight JIC ORB	
7	2220373	2	Fitting, Straight JIC/ORB	
8	2220415	4	Fitting, Straight JIC/ORB	
9	2220468	1	Fitting, Straight JIC/ORB	
10	2220501	2	Fitting, 45 JIC/ORB	
11	2220500	4	Fitting, 45 JIC/ORB	
12	2220502	2	Fitting, 45 JIC/ORB	
14	2220472	2	Fitting, 90 JIC/ORB	
15	2220596	1	Fitting, 90 JIC/ORB	
16	2220602	1	Fitting, Tee JIC/ORB/JIC	
18	2220628	4	Fitting, 90 JIC/ORB	
23	4240018	21	Tie-Strap (Not Shown)	
34	1001187308	2	Hose	
36	1001187311	2	Hose	
37	1001187312	1	Hose	
40	1001187317	4	Hose	
41	1001187318	2	Hose	
45	1001188763	4	Hose	
48	2220371	2	Fitting, Straight JIC/ORB	
49	2221040	2	Fitting, 45 JIC/ORB	
50	1001197045	2	Fitting, 90 JIC/ORB	
51	1001199654	1	Hose	
52	1001199655	1	Hose	
53	1001199656	1	Hose	
54	1001199657	1	Hose	
55	1001199658	1	Hose	
56	1001199661	1	Hose	
57	1001199662	1	Hose	
58	1001200432	2	Hose	
59	4240033	2	Tie-Strap (Not Shown)	
60	2220582	2	Fitting, Straight JIC/ORB	
61	2150812	2	Fitting, 45 ORFS/ORB (SN 0300235168 through 0300236291)	
61	2150808	2	Fitting, 45 ORFS/ORB (SN 0300236292 to Present, SN B300002655 to Present)	
62	2220811	2	Fitting, Straight FORB/ORB (SN 0300236292 to Present, SN B300002655 to Present)	

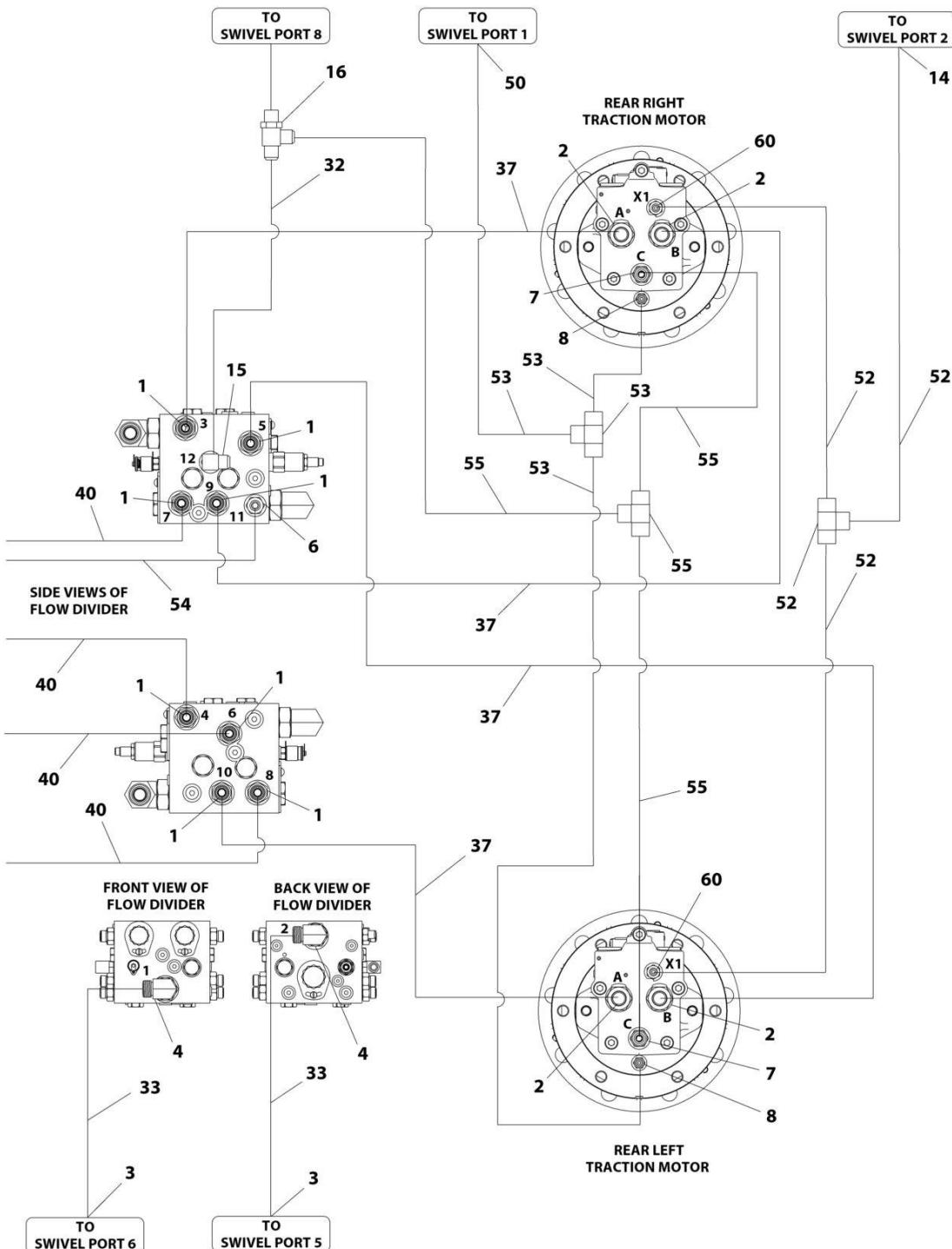
SECTION 7 - HYDRAULIC

FIGURE 7-2. DRIVE HYDRAULIC DIAGRAM (2WS WITH ARCTIC PACKAGE)



ART_1001192265_1OF2

SECTION 7 - HYDRAULIC



ART_1001192265_2OF2

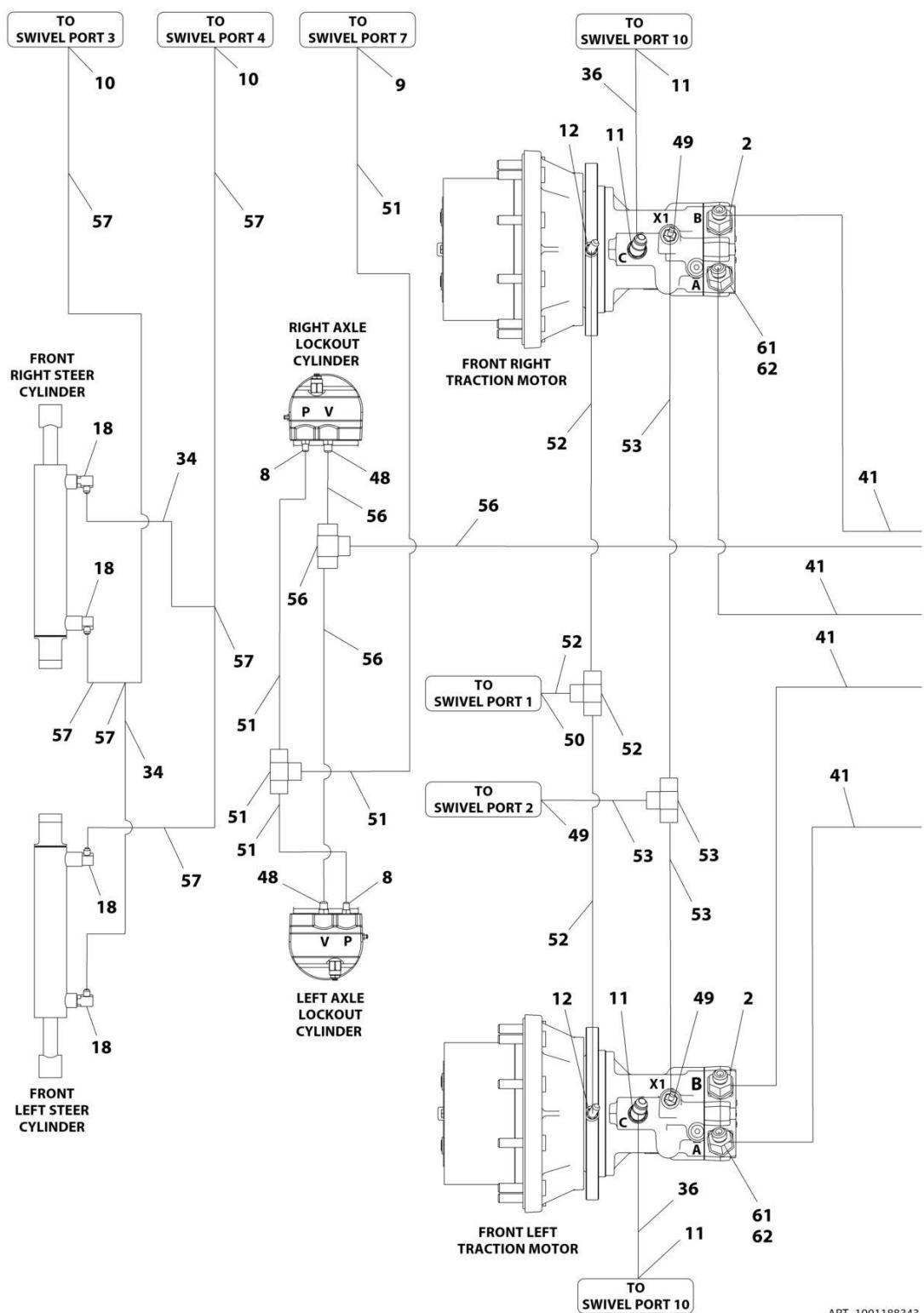
SECTION 7 - HYDRAULIC

FIGURE 7-2. DRIVE HYDRAULIC DIAGRAM (2WS WITH ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192265	Ref	DRIVE HYDRAULIC DIAGRAM	
1	2110810	8	Fitting, Straight ORFS/ORB	
2	2110812	4	Fitting, Straight ORFS/ORB	
3	2111216	2	Fitting, Straight ORFS/ORB	
4	2131216	2	Fitting, 90 ORFS/ORB	
5	2150812	2	Fitting, 45 ORFS/ORB	
6	2220372	1	Fitting, Straight JIC/ORB	
7	2220373	2	Fitting, Straight JIC/ORB	
8	2220415	4	Fitting, Straight JIC/ORB	
9	2220468	1	Fitting, Straight JIC/ORB	
10	2220501	2	Fitting, 45 JIC/ORB	
11	2220500	4	Fitting, 45 JIC/ORB	
12	2220502	2	Fitting, 45 JIC/ORB	
14	2220472	2	Fitting, 90 JIC/ORB	
15	2220596	1	Fitting, 90 JIC/ORB	
16	2220602	1	Fitting, Tee JIC/ORB/JIC	
18	2220628	4	Fitting, 90 JIC/ORB	
23	4240018	21	Tie-Strap (Not Shown)	
30	1001203853	2	Hose	
32	1001187312	1	Hose	
33	1001187318	2	Hose	
37	1001188763	4	Hose	
40	1001193611	4	Hose	
44	1001193610	2	Hose	
48	2220371	2	Fitting, Straight JIC/ORB	
49	2221040	2	Fitting, 45 JIC/ORB	
50	1001197045	2	Fitting, 90 JIC/ORB	
51	1001199654	1	Hose	
52	1001199657	1	Hose	
53	1001199658	1	Hose	
54	1001169661	1	Hose	
55	1001199662	1	Hose	
56	1001203854	2	Hose	
57	1001203859	1	Hose	
58	1001203860	1	Hose	
59	4240033	2	Tie-Strap (Not Shown)	
60	2220582	2	Fitting, Straight JIC/ORB	
61	2150812	2	Fitting, 45 ORFS/ORB (SN 0300235168 through 0300236291)	
61	2150808	2	Fitting, 45 ORFS/ORB (SN 0300236292 to Present, SN B300002655 to Present)	
62	2220811	2	Fitting, Straight FORB/ORB (SN 0300236292 to Present, SN B300002655 to Present)	

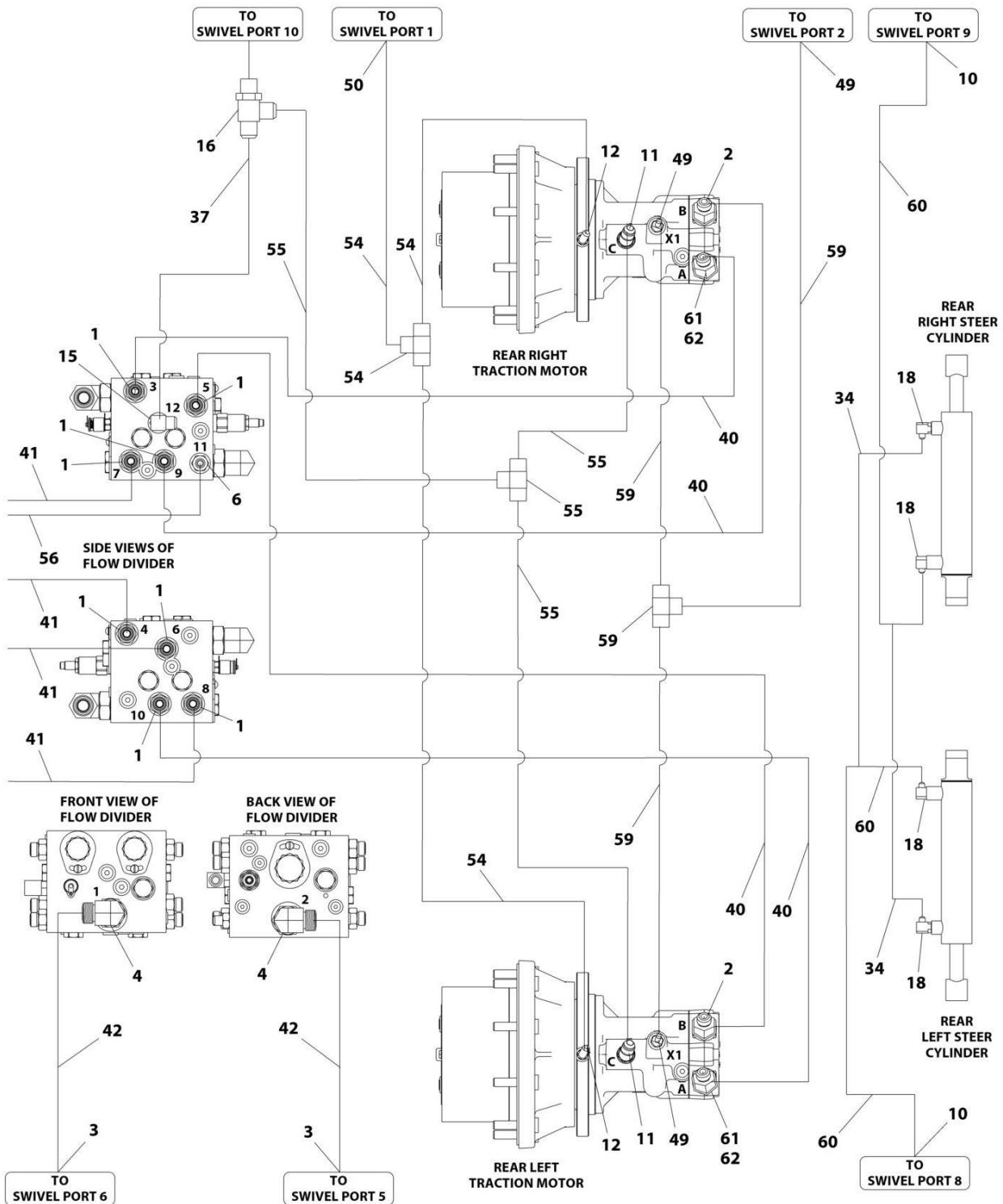
SECTION 7 - HYDRAULIC

FIGURE 7-3. DRIVE HYDRAULIC DIAGRAM (4WS)



ART_1001188343_1OF2

SECTION 7 - HYDRAULIC



ART_1001188343_2OF2

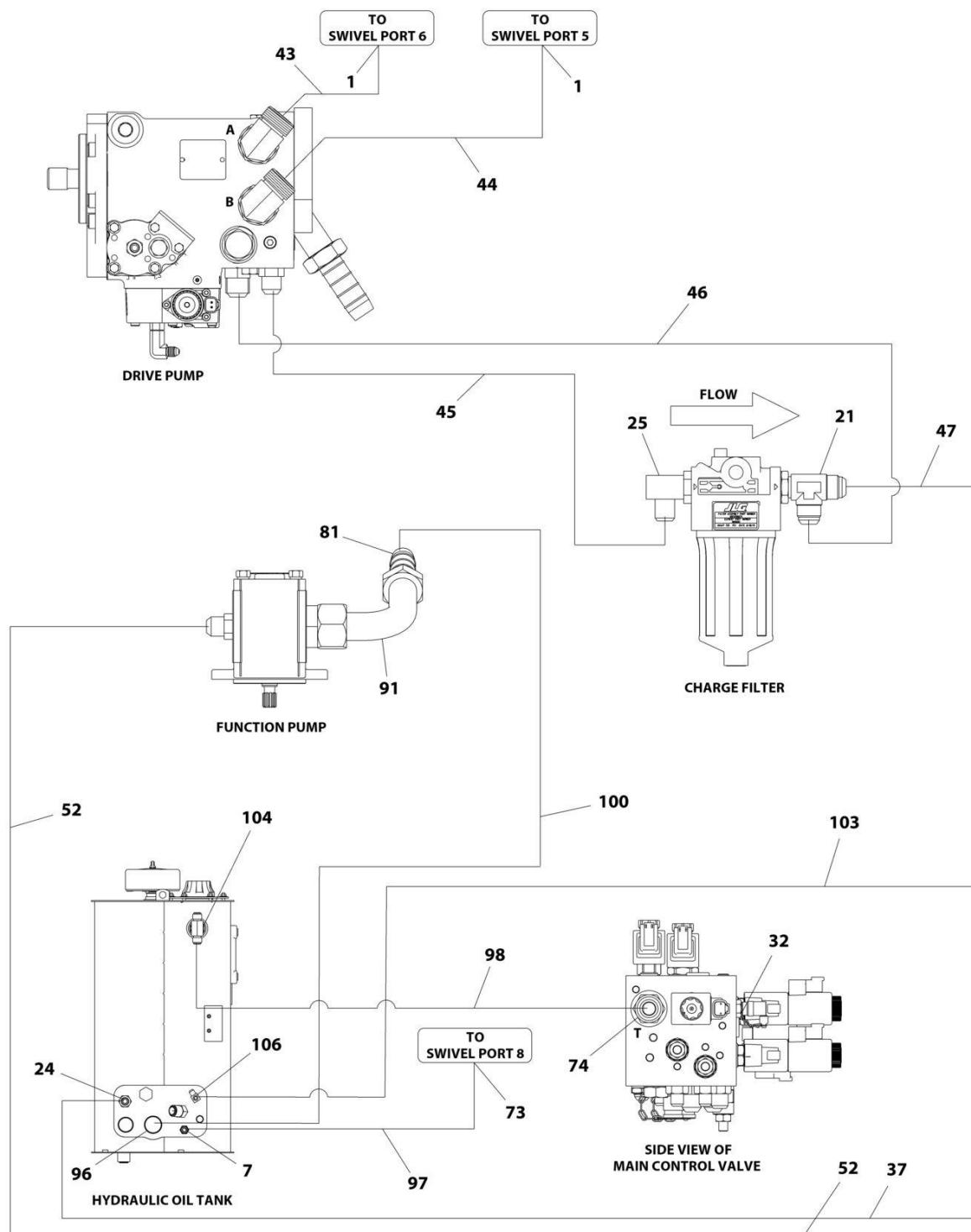
SECTION 7 - HYDRAULIC

FIGURE 7-3. DRIVE HYDRAULIC DIAGRAM (4WS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188343	Ref	DRIVE HYDRAULIC DIAGRAM	
1	2110810	8	Fitting, Straight ORFS/ORB	
2	2150812	4	Fitting, 45 ORFS/ORB	
3	2111216	2	Fitting, Straight ORFS/ORB	
4	2131216	2	Fitting, 90 ORFS/ORB	
6	2220372	1	Fitting, Straight JIC/ORB	
8	2220415	2	Fitting, Straight JIC/ORB	
9	2220468	1	Fitting, Straight JIC/ORB	
10	2220501	4	Fitting, 45 JIC/ORB	
11	2220500	6	Fitting, 45 JIC/ORB	
12	2220502	4	Fitting, 45 JIC/ORB	
15	2220596	1	Fitting, 90 JIC/ORB	
16	2220602	1	Fitting, Tee JIC/ORB/JIC	
18	2220628	8	Fitting, 90 JIC/ORB	
23	4240018	30	Tie-Strap (Not Shown)	
34	1001187308	4	Hose	
36	1001187311	2	Hose	
37	1001187312	1	Hose	
40	1001187316	4	Hose	
41	1001187317	4	Hose	
42	1001187318	2	Hose	
48	2220371	2	Fitting, Straight JIC/ORB	
49	2221040	6	Fitting, 45 JIC/ORB	
50	2221344	2	Fitting, 45 JIC/ORB	
51	1001199654	1	Hose	
52	1001199655	1	Hose	
53	1001199656	1	Hose	
54	1001199659	1	Hose	
55	1001199663	1	Hose	
56	1001199661	1	Hose	
57	1001200432	2	Hose	
58	4240033	4	Tie-Strap (Not Shown)	
59	1001199660	1	Hose	
60	1001200433	2	Hose	
61	2150812	4	Fitting, 45 ORFS/ORB (SN 0300235168 through 0300236291)	
61	2150808	4	Fitting, 45 ORFS/ORB (SN 0300236292 to Present, SN B300002655 to Present)	
62	2220811	4	Fitting, Straight FORB/ORB (SN 0300236292 to Present, SN B300002655 to Present)	

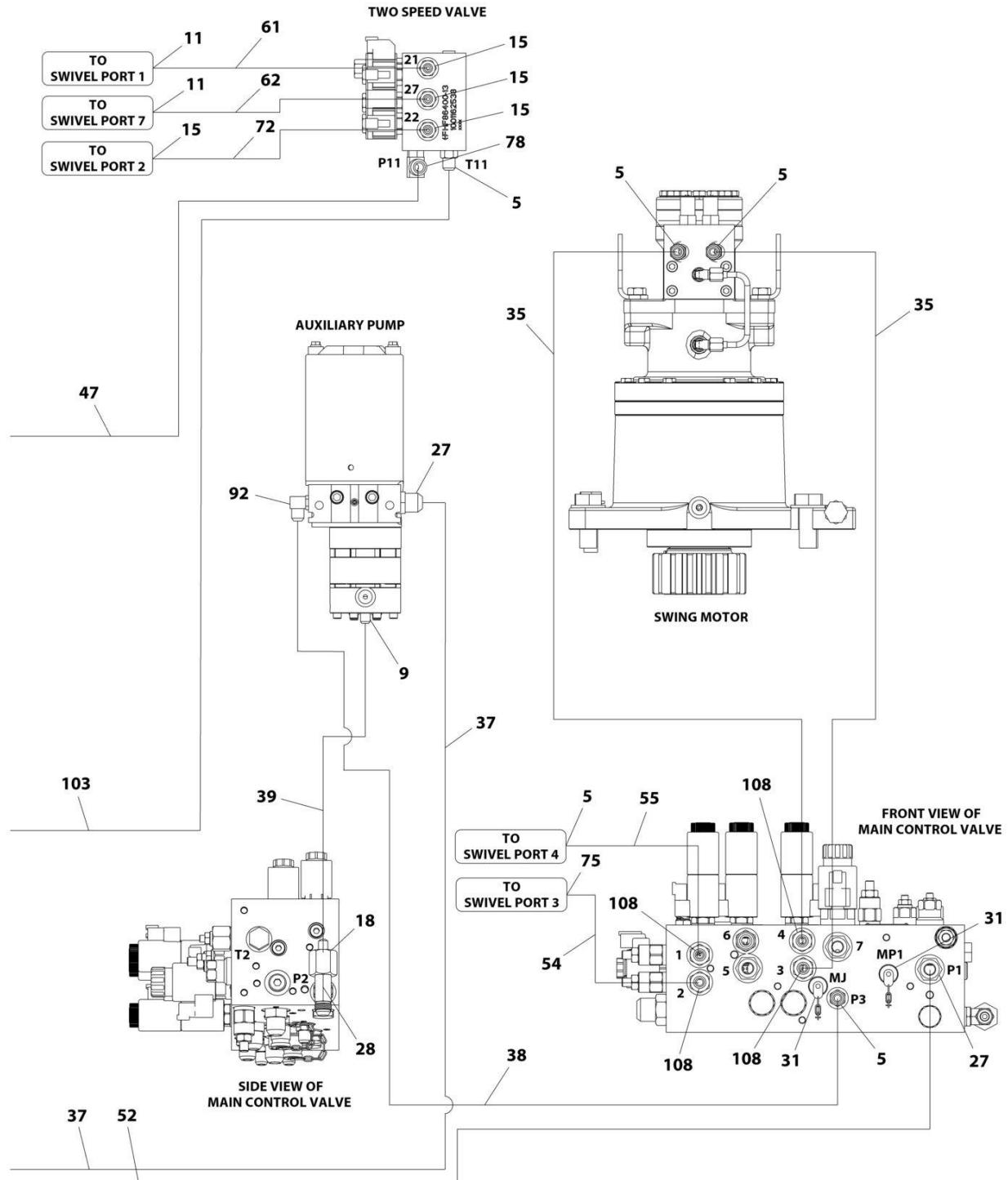
SECTION 7 - HYDRAULIC

FIGURE 7-4. STANDARD HYDRAULIC DIAGRAM (600S 2WS)



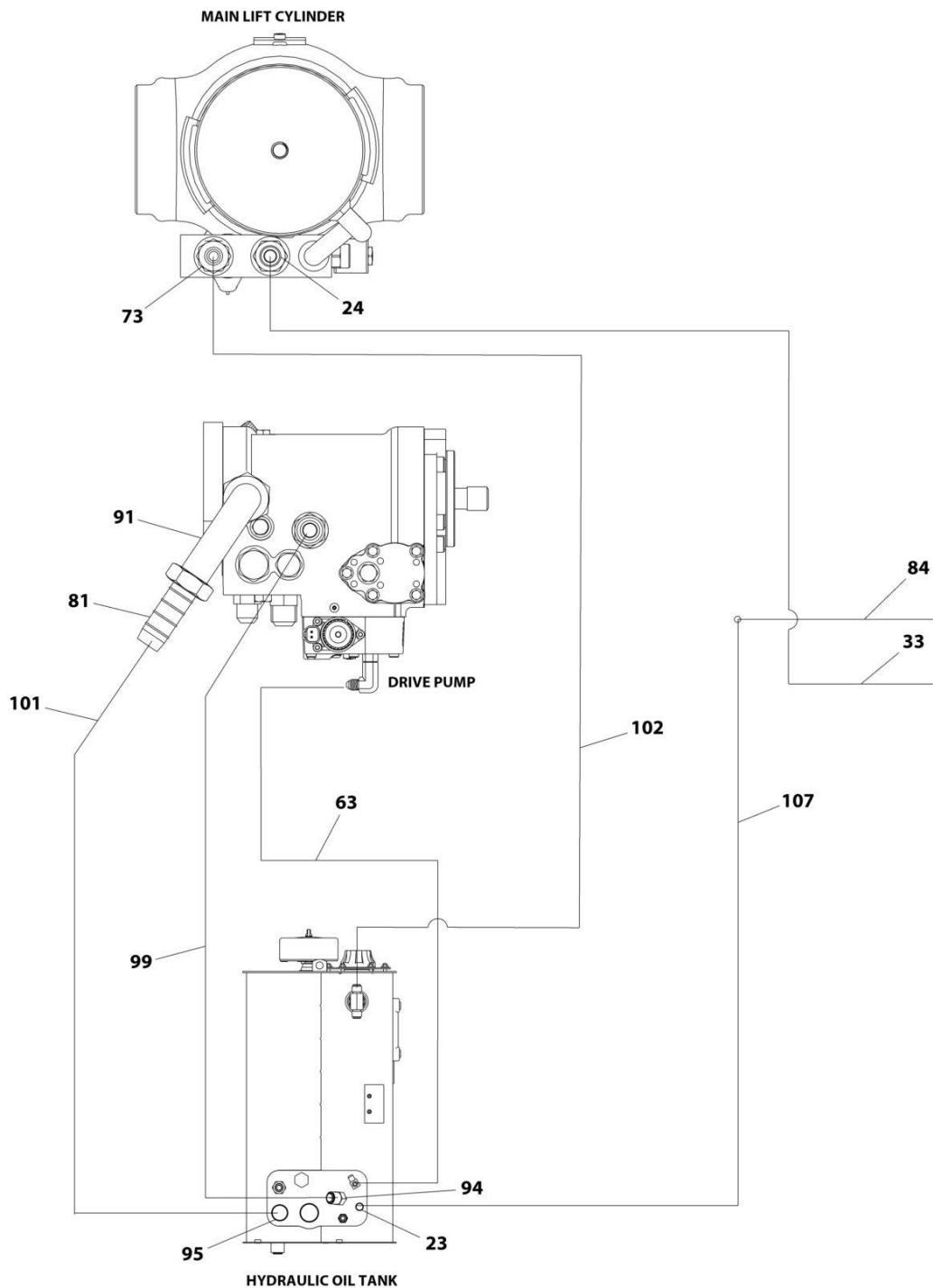
ART_1001193247_1OF4

SECTION 7 - HYDRAULIC



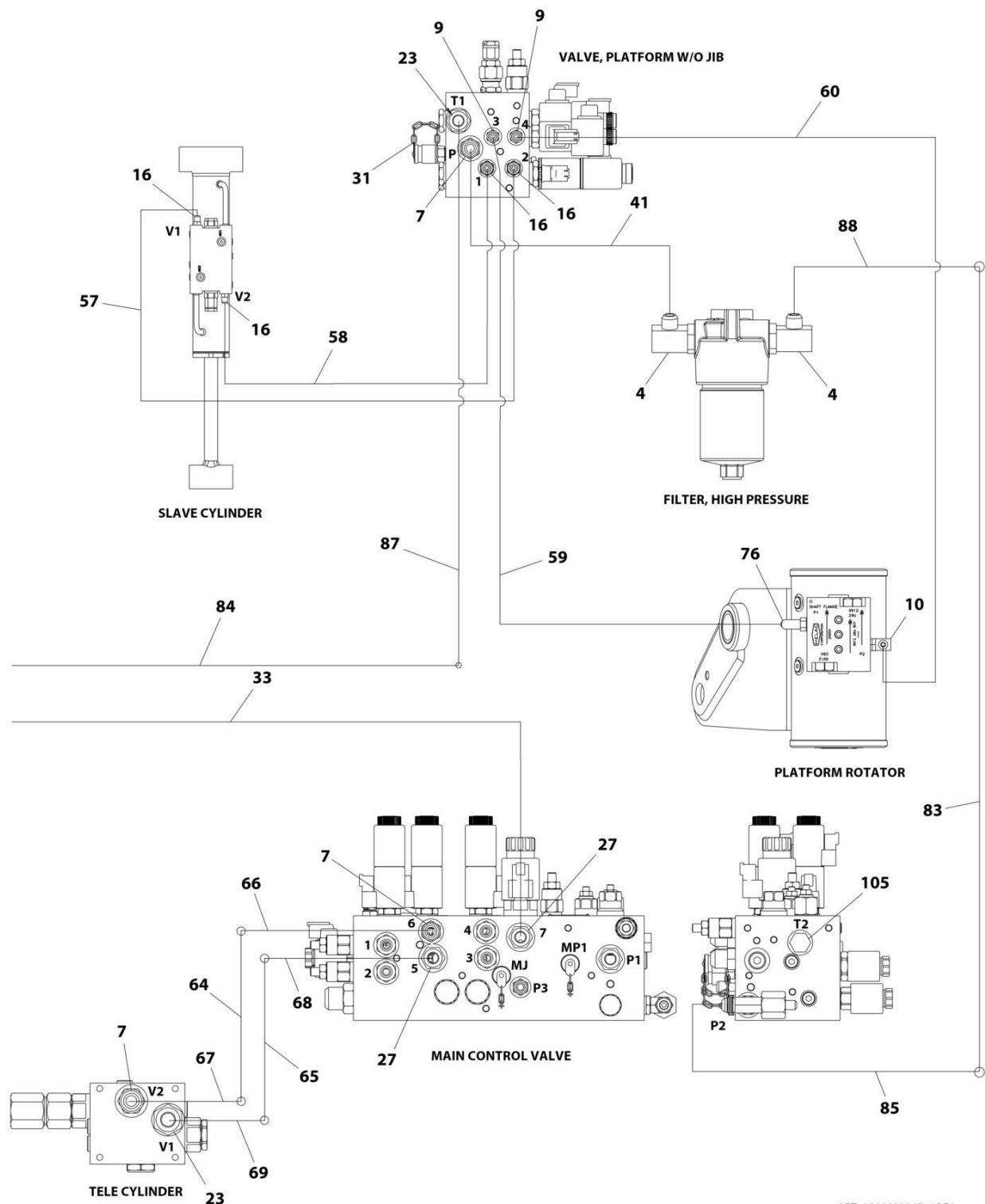
ART_1001193247_2OF4

SECTION 7 - HYDRAULIC



ART_1001193247_3OF4

SECTION 7 - HYDRAULIC



ART_1001193247_4OF4

SECTION 7 - HYDRAULIC

FIGURE 7-4. STANDARD HYDRAULIC DIAGRAM (600S 2WS)

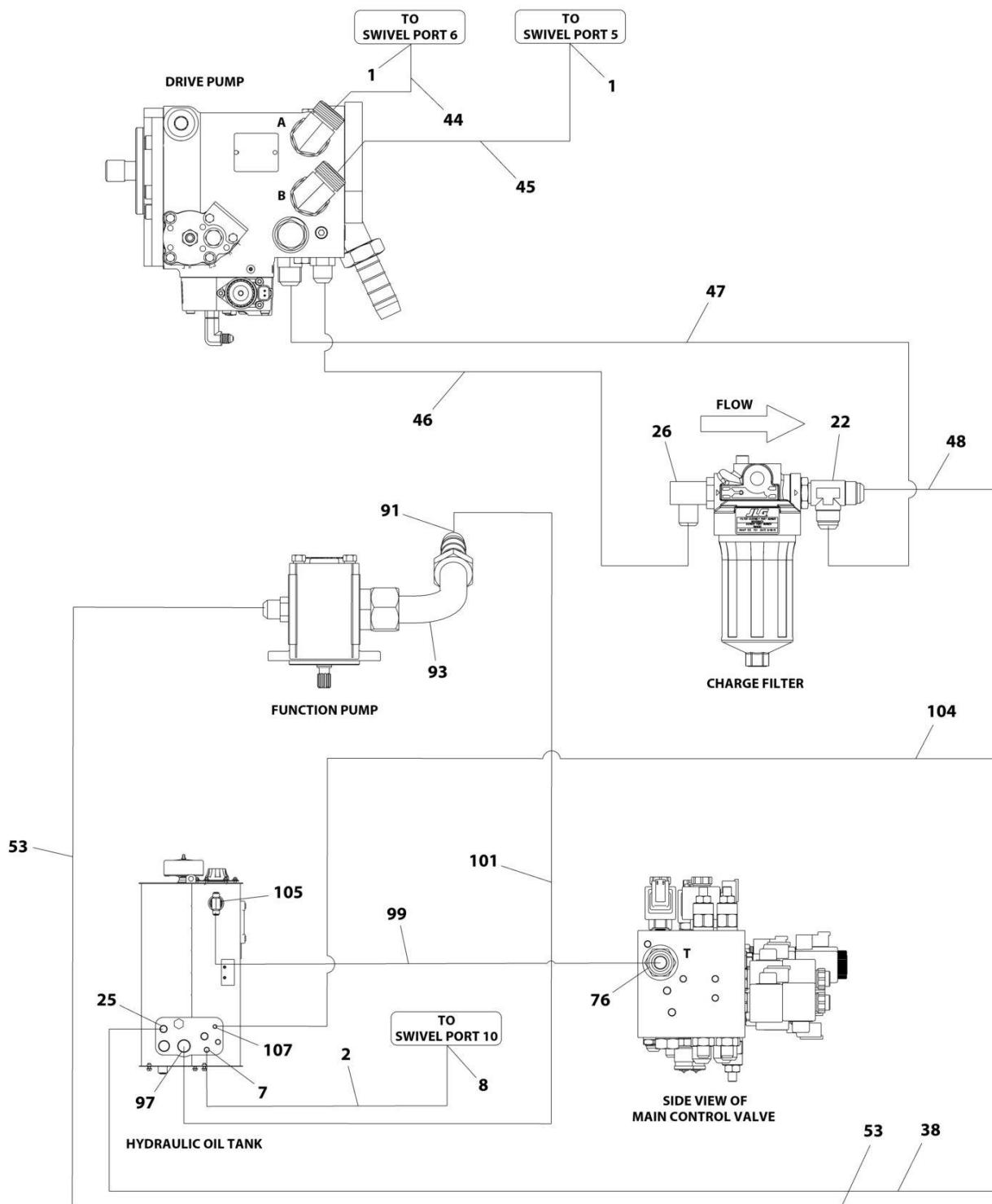
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001193247	Ref	STANDARD HYDRAULIC DIAGRAM	
1	2111616	2	Fitting, Straight ORFS/ORB	
4	2220366	2	Fitting, 90 JIC/ORB	
5	2220371	5	Fitting, Straight JIC/ORB	
7	2220373	4	Fitting, Straight JIC/ORB	
9	2220415	3	Fitting, Straight JIC/ORB	
10	2220466	1	Fitting, 90 JIC/ORB	
11	2220468	2	Fitting, Straight JIC/ORB	
15	2220582	4	Fitting, Straight JIC/ORB	
16	2220603	4	Fitting, Straight JIC/ORB	
18	2220618	1	Fitting, Straight JIC/FSJIC	
21	2220738	1	Fitting, Tee JIC/ORB/JIC	
23	2220852	3	Fitting, Straight JIC/ORB	
24	2220865	2	Fitting, Straight JIC/ORB	
25	2220906	1	Fitting, 90 JIC/ORB	
27	2220947	4	Fitting, Straight JIC/ORB	
28	2220999	1	Fitting, Tee JIC/ORB/JIC	
31	2221086	3	Fitting, Test	
32	100119455	1	Valve, Oil Sampling	
33	1001192641	1	Hose	
35	1001192651	1	Hose	
37	1001228226	1	Hose	
38	1001192654	1	Hose	
39	1001192655	1	Hose	
41	1001192658	1	Hose	
43	1001192661	1	Hose	
44	1001192663	1	Hose	
45	1001192667	1	Hose	
46	1001192669	1	Hose	
47	1001192673	1	Hose	
52	1001192679	1	Hose	
54	1001192681	1	Hose	
55	1001192682	1	Hose	
57	1001192684	1	Hose	
58	1001192685	1	Hose	
59	1001192686	1	Hose	
60	1001192687	1	Hose	
61	1001192688	1	Hose	
62	1001192689	1	Hose	
63	1001192690	1	Hose	
64	1001192693	1	Pipe	
65	1001192694	1	Pipe	
66	1001192695	1	Hose	
67	1001192696	1	Hose	
68	1001192698	1	Hose	
69	1001192699	1	Hose	
72	1001192758	1	Hose	
73	2220375	2	Fitting, Straight JIC/ORB	
74	2220451	1	Fitting, Straight JIC/ORB	
75	2220473	1	Fitting, 90 JIC/ORB	

SECTION 7 - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
76	2220502	1	Fitting, 45 JIC/ORB	
78	2220726	1	Fitting, 90 JIC/ORB	
81	80633030	2	Clamp	
83	1001201255	1	Pipe	
84	1001220903	1	Pipe	
85	1001203424	1	Hose	
87	1001220941	1	Hose	
88	1001204389	1	Hose	
91	1001205824	2	Fitting, 90 Barb	
92	2220775	1	Fitting, 90 JIC/ORB	
94	2220637	1	Fitting, 45 JIC/ORB	
95	2220380	1	Fitting, Straight JIC/ORB	
96	2220733	1	Fitting, Straight JIC/ORB	
97	1001203423	1	Hose	
98	1001203430	1	Hose	
99	1001203431	1	Hose	
100	1001203432	1	Hose	
101	1001203433	1	Hose	
102	1001204645	1	Hose	
103	1001214149	1	Hose	
104	1001214408	1	Fitting, Tee JIC/ORB/JIC	
105	2220238	1	Plug	
106	2220606	1	Fitting, Tee JIC/ORB/JIC	
107	1001220912	1	Hose	
108	2220372	4	Fitting, Straight JIC/ORB	

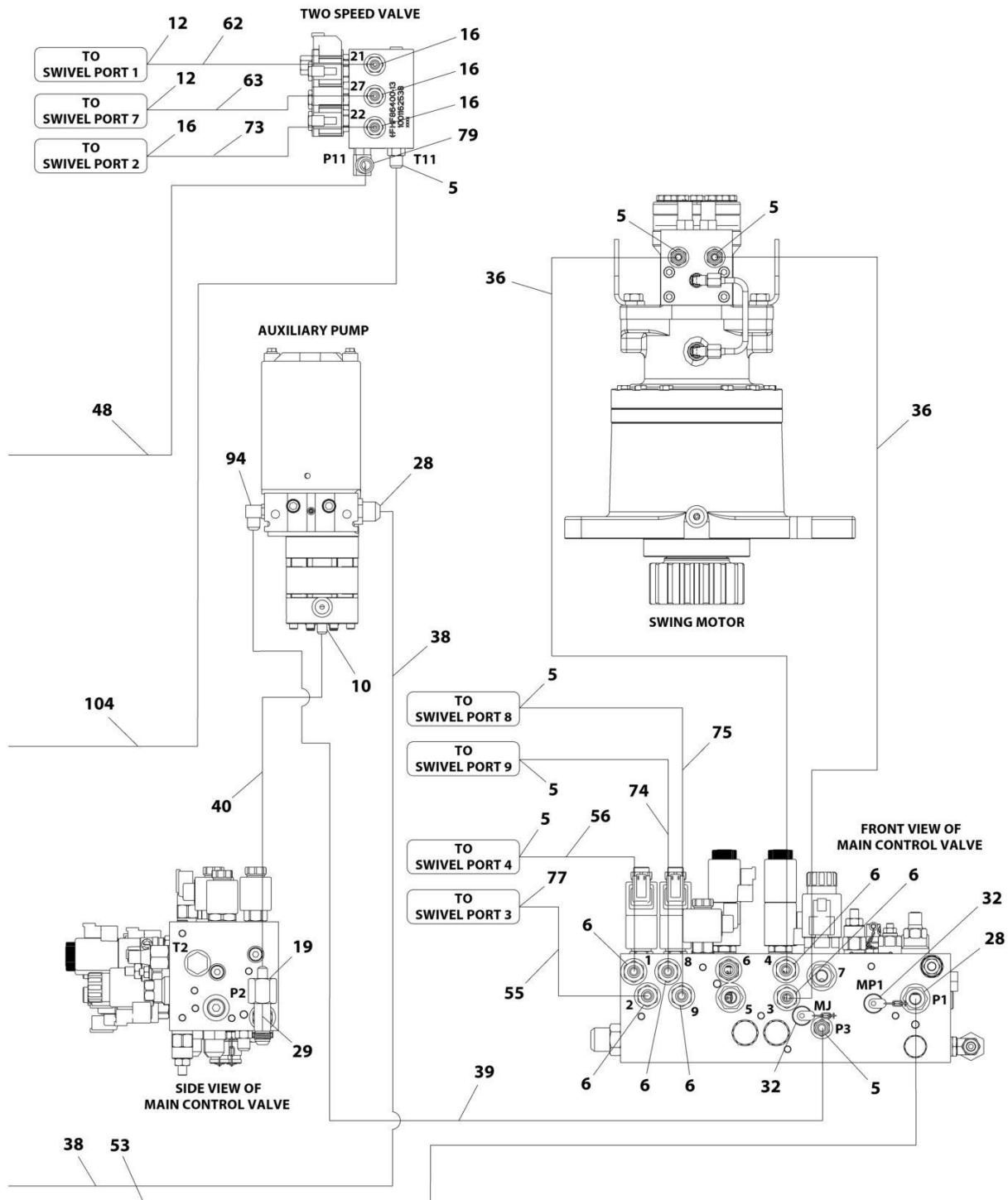
SECTION 7 - HYDRAULIC

FIGURE 7-5. STANDARD HYDRAULIC DIAGRAM (600S 4WS)



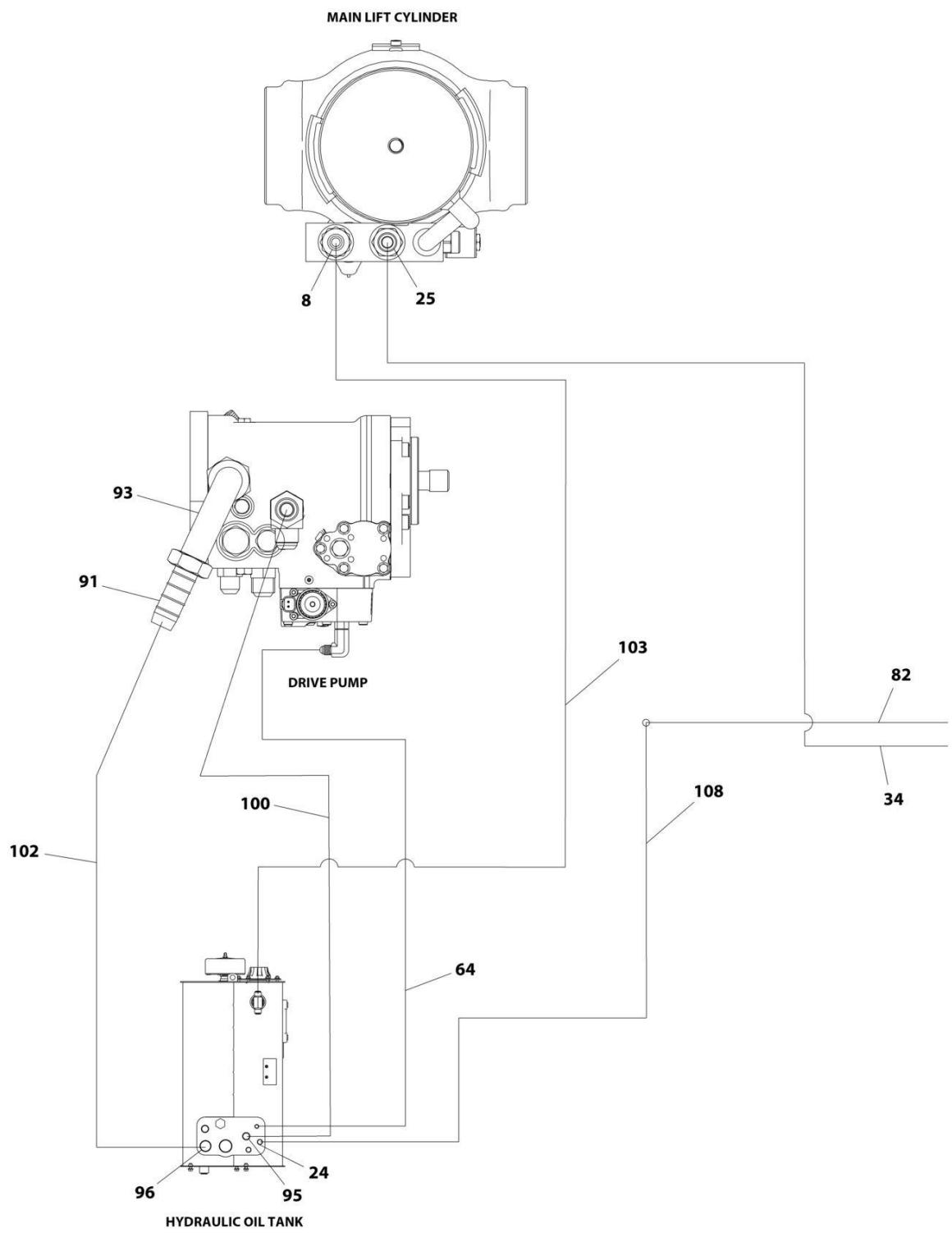
ART_1001194096_1OF4

SECTION 7 - HYDRAULIC



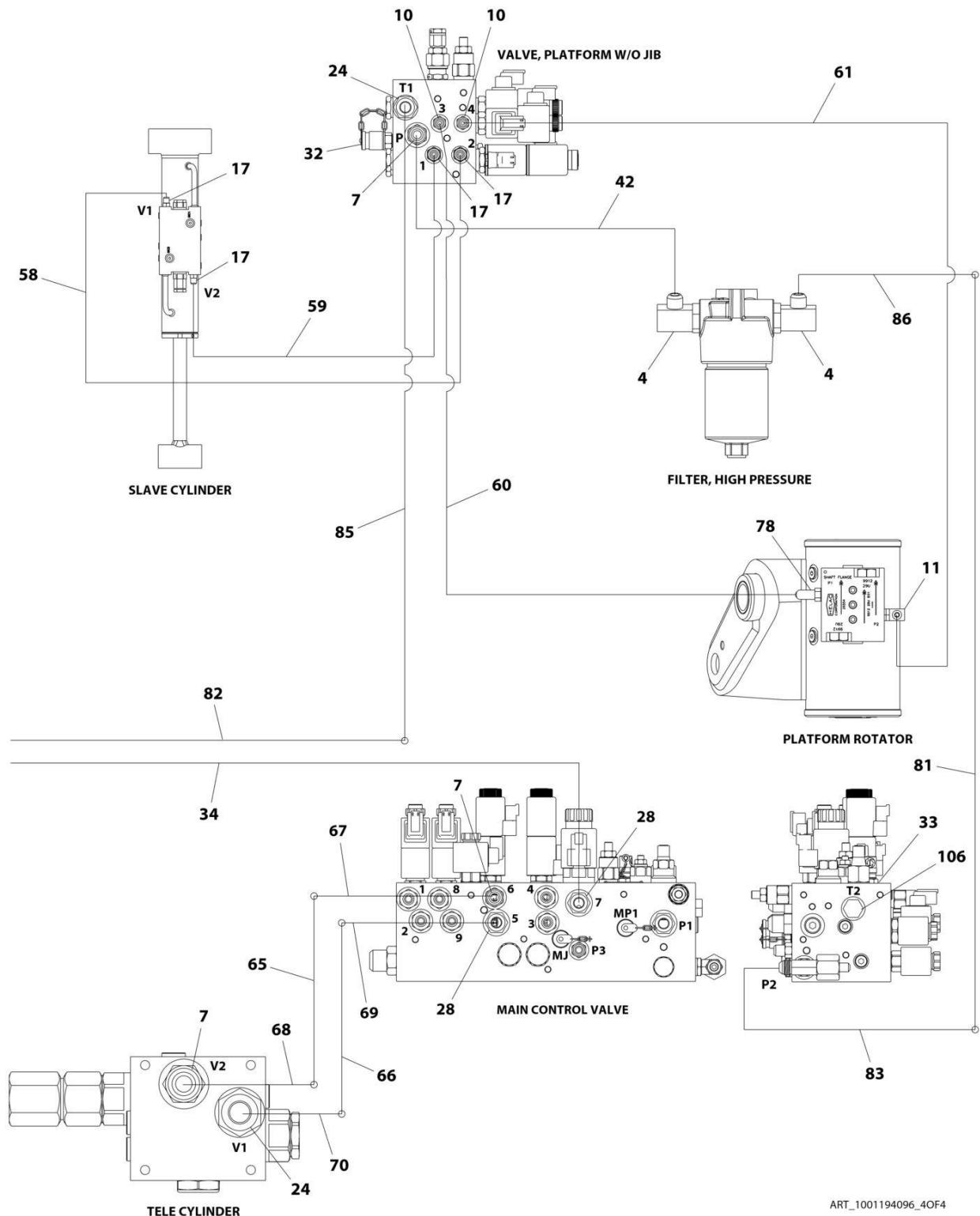
ART_1001194096_2OF4

SECTION 7 - HYDRAULIC



ART_1001194096_3OF4

SECTION 7 - HYDRAULIC



ART_1001194096_4OF4

SECTION 7 - HYDRAULIC

FIGURE 7-5. STANDARD HYDRAULIC DIAGRAM (600S 4WS)

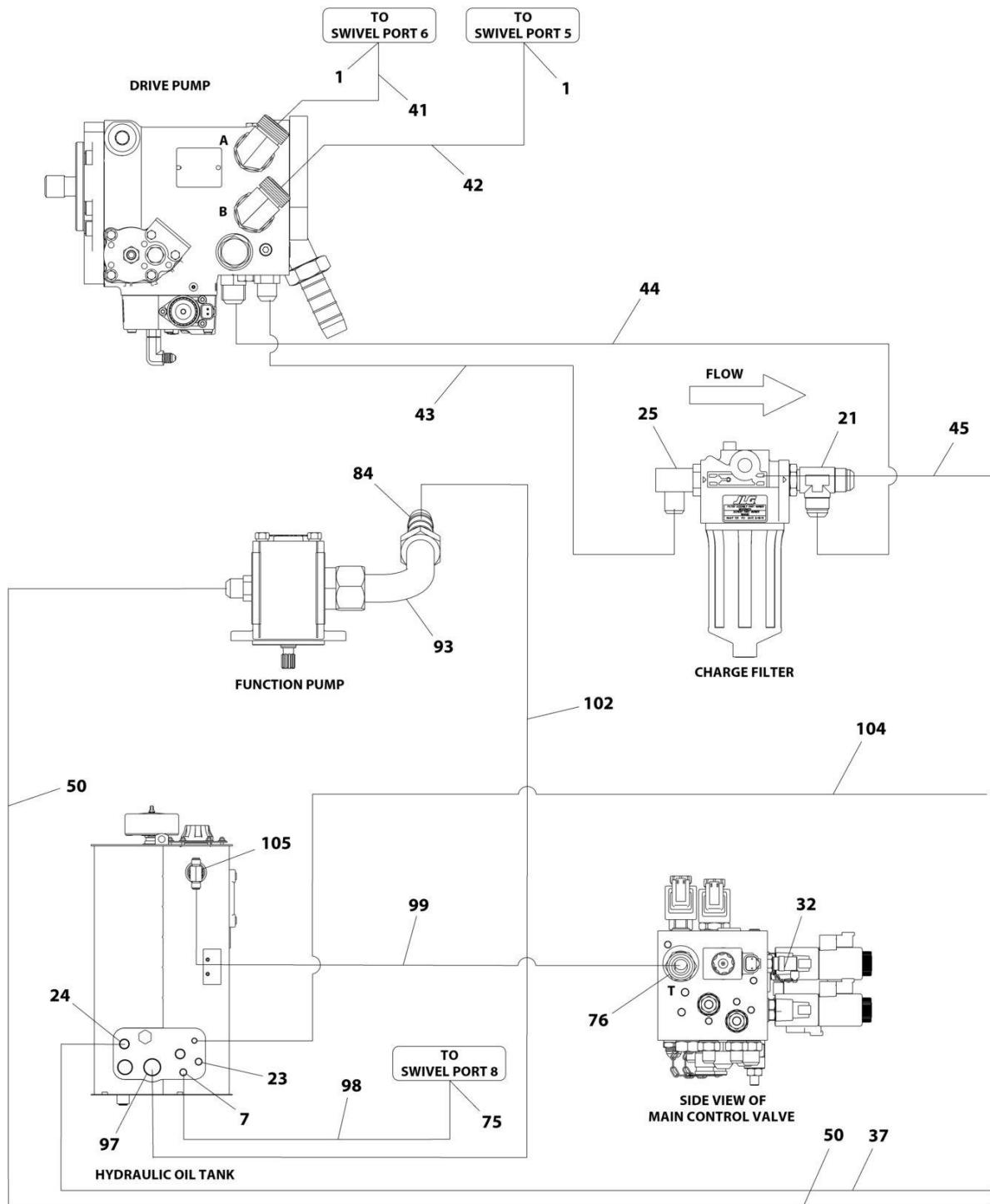
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194096	Ref	STANDARD HYDRAULIC DIAGRAM	
1	2111616	2	Fitting, Straight ORFS/ORB	
2	1001203423	1	Hose	
4	2220366	2	Fitting, 90 JIC/ORB	
5	2220371	7	Fitting, Straight JIC/ORB	
6	2220372	6	Fitting, Straight JIC/ORB	
7	2220373	4	Fitting, Straight JIC/ORB	
8	2220375	2	Fitting, Straight JIC/ORB	
10	2220415	3	Fitting, Straight JIC/ORB	
11	2220466	1	Fitting, 90 JIC/ORB	
12	2220468	2	Fitting, Straight JIC/ORB	
16	2220582	4	Fitting, Straight JIC/ORB	
17	2220603	4	Fitting, Straight JIC/ORB	
19	2220618	1	Fitting, Straight JIC/FSJIC	
22	2220738	1	Fitting, Tee JIC/ORB/JIC	
24	2220852	3	Fitting, Straight JIC/ORB	
25	2220865	2	Fitting, Straight JIC/ORB	
26	2220906	1	Fitting, 90 JIC/ORB	
28	2220947	4	Fitting, Straight JIC/ORB	
29	2220999	1	Fitting, Tee JIC/ORB/JIC	
32	2221086	3	Fitting, Test	
33	100119455	1	Valve, Oil Sampling	
34	1001192641	1	Hose	
36	1001192651	2	Hose	
38	1001228226	1	Hose	
39	1001192654	1	Hose	
40	1001192655	1	Hose	
42	1001192658	1	Hose	
44	1001192661	1	Hose	
45	1001192663	1	Hose	
46	1001192667	1	Hose	
47	1001192669	1	Hose	
48	1001192673	1	Hose	
53	1001192679	1	Hose	
55	1001192681	1	Hose	
56	1001192682	1	Hose	
58	1001192684	1	Hose	
59	1001192685	1	Hose	
60	1001192686	1	Hose	
61	1001192687	1	Hose	
62	1001192688	1	Hose	
63	1001192689	1	Hose	
64	1001192690	1	Hose	
65	1001192693	1	Pipe	
66	1001192694	1	Pipe	
67	1001192695	1	Hose	
68	1001192696	1	Hose	
69	1001192698	1	Hose	
70	1001192699	1	Hose	
73	1001192758	1	Hose	

SECTION 7 - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
74	1001194329	1	Hose	
75	1001194330	1	Hose	
76	2220451	1	Fitting, Straight JIC/ORB	
77	2220473	1	Fitting, 90 JIC/ORB	
78	2220502	1	Fitting, 45 JIC/ORB	
79	2220726	1	Fitting, 90 JIC/ORB	
81	1001201255	1	Pipe	
82	1001220903	1	Pipe	
83	1001203424	1	Hose	
85	1001220941	1	Hose	
86	1001204389	1	Hose	
91	80633030	2	Clamp	
93	1001205824	2	Fitting, 90 Barb	
94	2220775	1	Fitting, 90 JIC/ORB	
95	2220637	1	Fitting, 45 JIC/ORB	
96	2220380	1	Fitting, Straight JIC/ORB	
97	2220733	1	Fitting, Straight JIC/ORB	
99	1001203430	1	Hose	
100	1001203431	1	Hose	
101	1001203432	1	Hose	
102	1001203433	1	Hose	
103	1001204645	1	Hose	
104	1001214149	1	Hose	
105	1001214408	1	Fitting, Tee JIC/ORB/JIC	
106	2220238	1	Plug	
107	2220606	1	Fitting, Tee JIC/ORB/JIC	
108	1001220912	1	Hose	

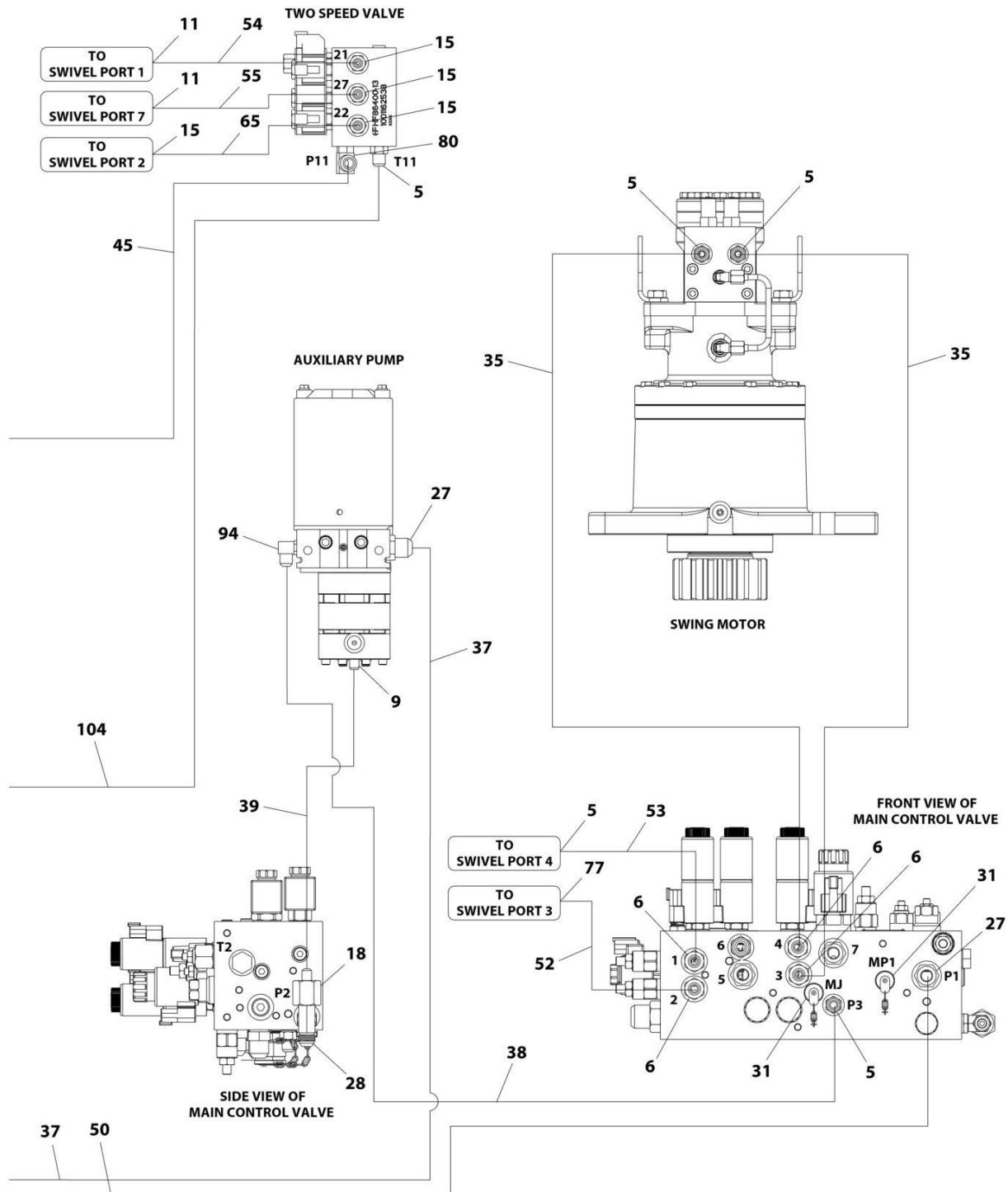
SECTION 7 - HYDRAULIC

FIGURE 7-6. STANDARD HYDRAULIC DIAGRAM (660SJ 2WS)



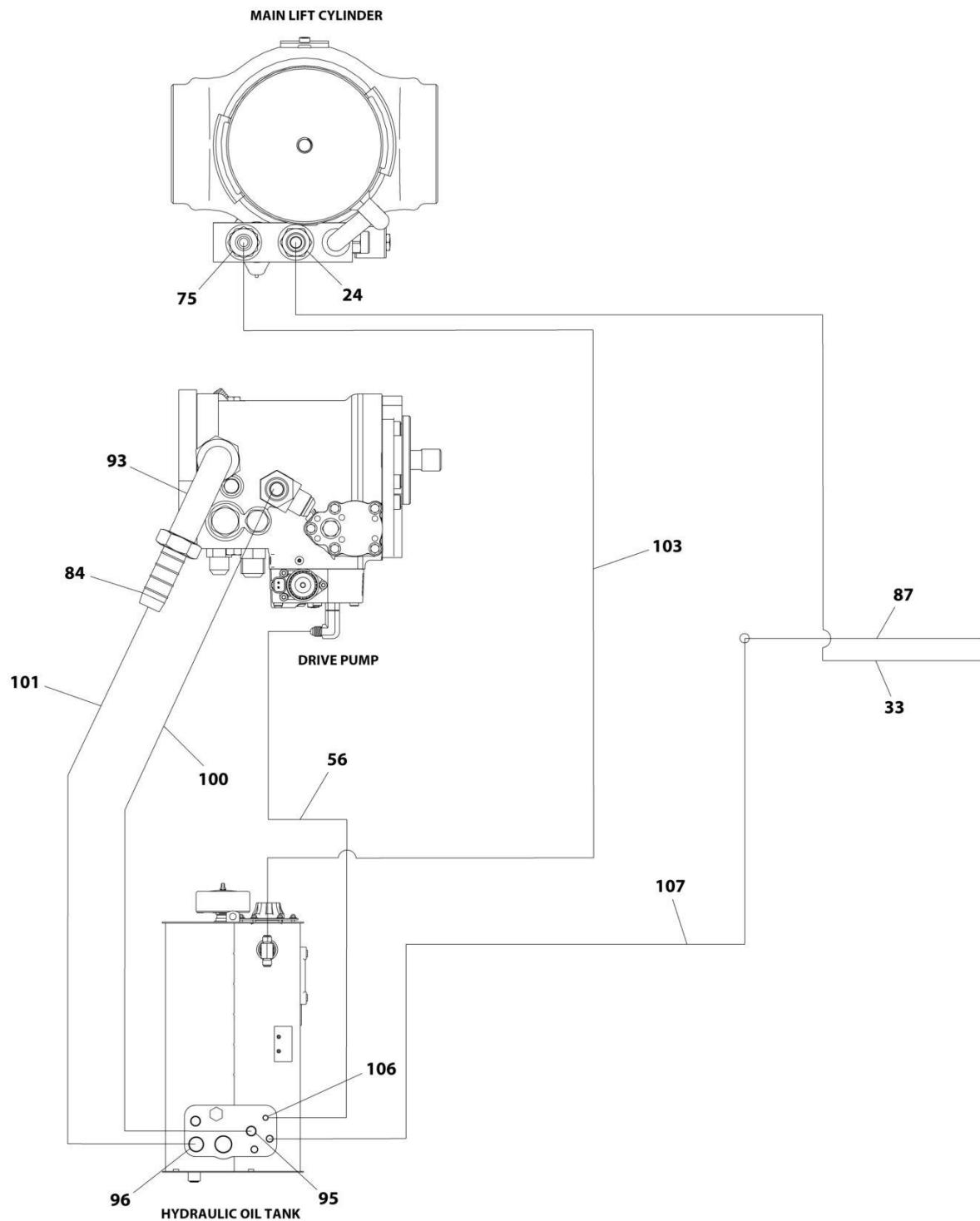
ART_1001193759_1OF4

SECTION 7 - HYDRAULIC



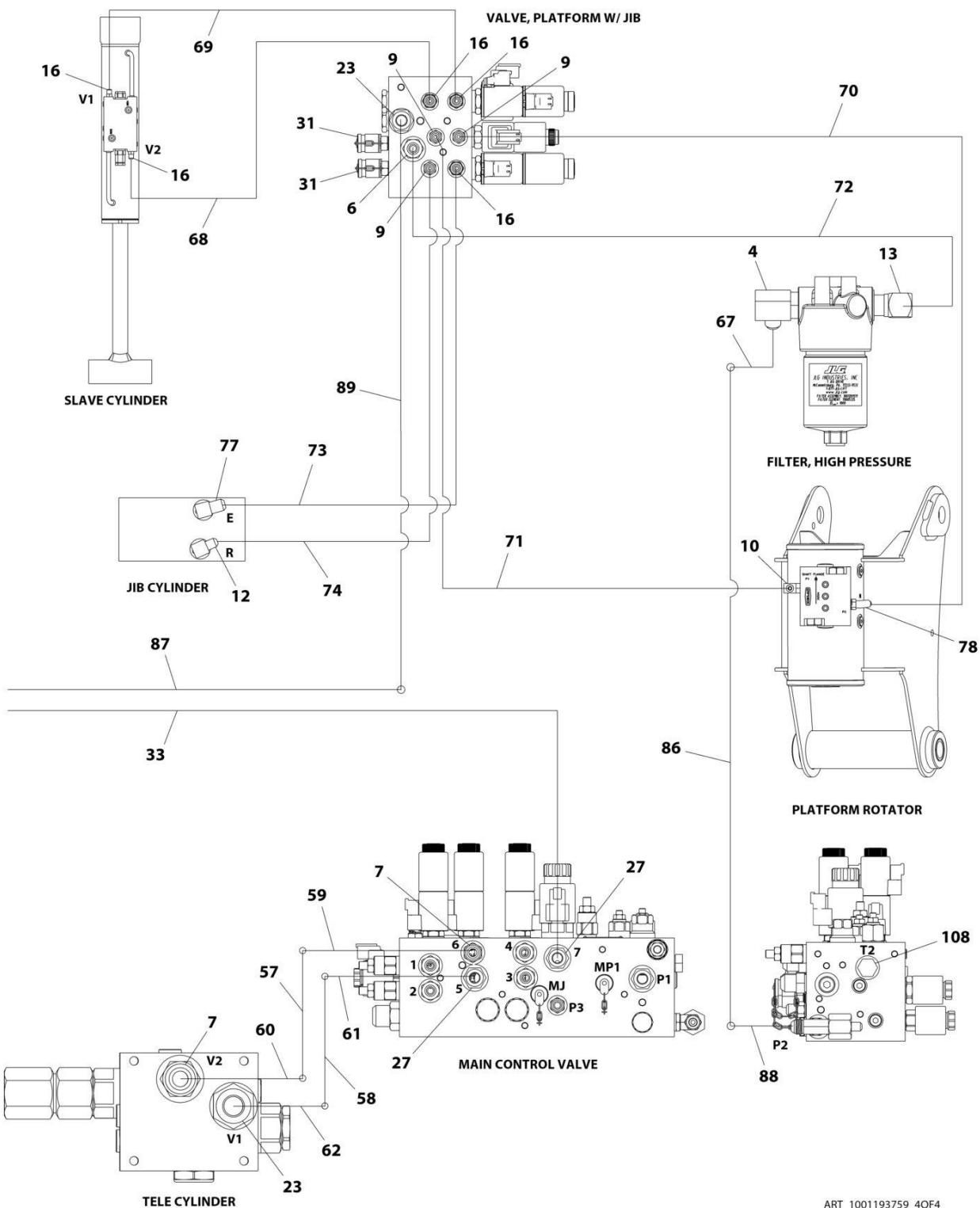
ART_1001193759_20F4

SECTION 7 - HYDRAULIC



ART_1001193759_3OF4

SECTION 7 - HYDRAULIC



ART_1001193759_4OF4

SECTION 7 - HYDRAULIC

FIGURE 7-6. STANDARD HYDRAULIC DIAGRAM (660SJ 2WS)

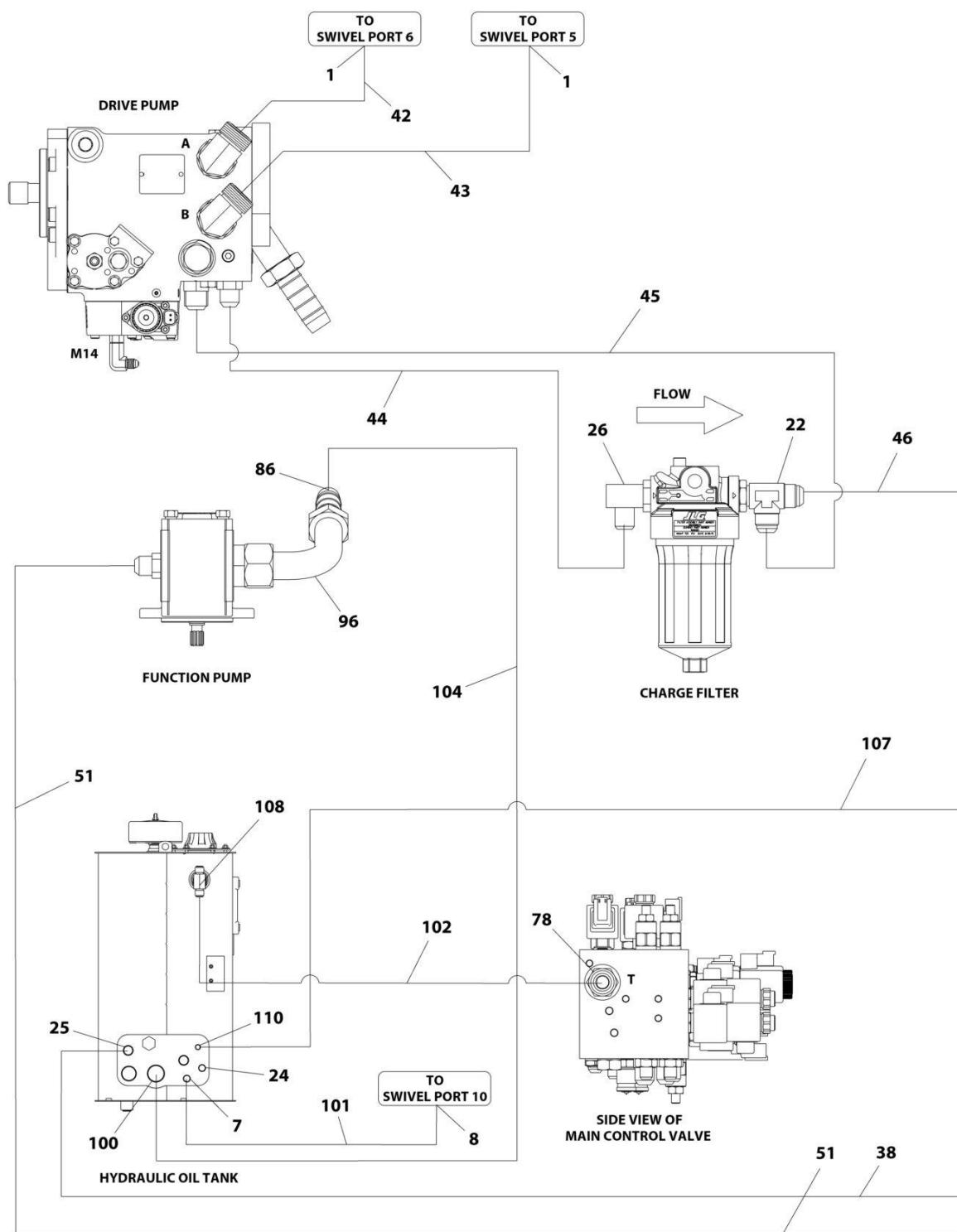
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001193759	Ref	STANDARD HYDRAULIC DIAGRAM	I
1	2111616	2	Fitting, Straight ORFS/ORB	
4	2220366	1	Fitting, 90 JIC/ORB	
5	2220371	5	Fitting, Straight JIC/ORB	
6	2220372	5	Fitting, Straight JIC/ORB	
7	2220373	3	Fitting, Straight JIC/ORB	
9	2220415	4	Fitting, Straight JIC/ORB	
10	2220466	1	Fitting, 90 JIC/ORB	
11	2220468	2	Fitting, Straight JIC/ORB	
12	2220472	1	Fitting, 90 JIC/ORB	
13	2221048	1	Fitting, 90 JIC/ORB	
15	2220582	4	Fitting, Straight JIC/ORB	
16	2220603	5	Fitting, Straight JIC/ORB	
18	2220618	1	Fitting, Straight JIC/FSJIC	
21	2220738	1	Fitting, Tee JIC/ORB/JIC	
23	2220852	3	Fitting, Straight JIC/ORB	
24	2220865	2	Fitting, Straight JIC/ORB	
25	2220906	1	Fitting, 90 JIC/ORB	
27	2220947	4	Fitting, Straight JIC/ORB	
28	2220999	1	Fitting, Tee JIC/ORB/JIC	
31	2221086	4	Fitting, Test	
32	100119455	1	Valve, Oil Sampling	
33	1001192641	1	Hose	
35	1001192651	2	Hose	
37	1001228226	1	Hose	
38	1001192654	1	Hose	
39	1001192655	1	Hose	
41	1001192661	1	Hose	
42	1001192663	1	Hose	
43	1001192667	1	Hose	
44	1001192669	1	Hose	
45	1001192673	1	Hose	
50	1001192679	1	Hose	
52	1001192681	1	Hose	
53	1001192682	1	Hose	
54	1001192688	1	Hose	
55	1001192689	1	Hose	
56	1001192690	1	Hose	
57	1001192693	1	Pipe	
58	1001192694	1	Pipe	
59	1001192695	1	Hose	
60	1001192696	1	Hose	
61	1001192698	1	Hose	
62	1001192699	1	Hose	
65	1001192758	1	Hose	
67	1001203426	1	Hose	
68	1001193927	1	Hose	
69	1001193928	1	Hose	
70	1001193929	1	Hose	
71	1001193930	1	Hose	

SECTION 7 - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
72	1001222522	1	Hose	
73	1001193932	1	Hose	
74	1001193933	1	Hose	
75	2220375	2	Fitting, Straight JIC/ORB	
76	2220451	1	Fitting, Straight JIC/ORB	
77	2220473	2	Fitting, 90 JIC/ORB	
78	2220502	1	Fitting, 45 JIC/ORB	
80	2220726	1	Fitting, 90 JIC/ORB	
84	80633030	2	Clamp	
86	1001201255	1	Pipe	
87	1001220903	1	Pipe	
88	1001203424	1	Hose	
89	1001221016	1	Hose	
93	1001205824	2	Fitting, 90 Barb	
94	2220775	1	Fitting, 90 JIC/ORB	
95	2220637	1	Fitting, 45 JIC/ORB	
96	2220380	1	Fitting, Straight JIC/ORB	
97	2220733	1	Fitting, Straight JIC/ORB	
98	1001203423	1	Hose	
99	1001203430	1	Hose	
100	1001203431	1	Hose	
101	1001203433	1	Hose	
102	1001203432	1	Hose	
103	1001204645	1	Hose	
104	1001214149	1	Hose	
105	1001214408	1	Fitting, Tee JIC/ORB/JIC	
106	2220606	1	Fitting, Tee JIC/ORB/JIC	
107	1001220912	1	Hose	
108	2220238	1	Plug	

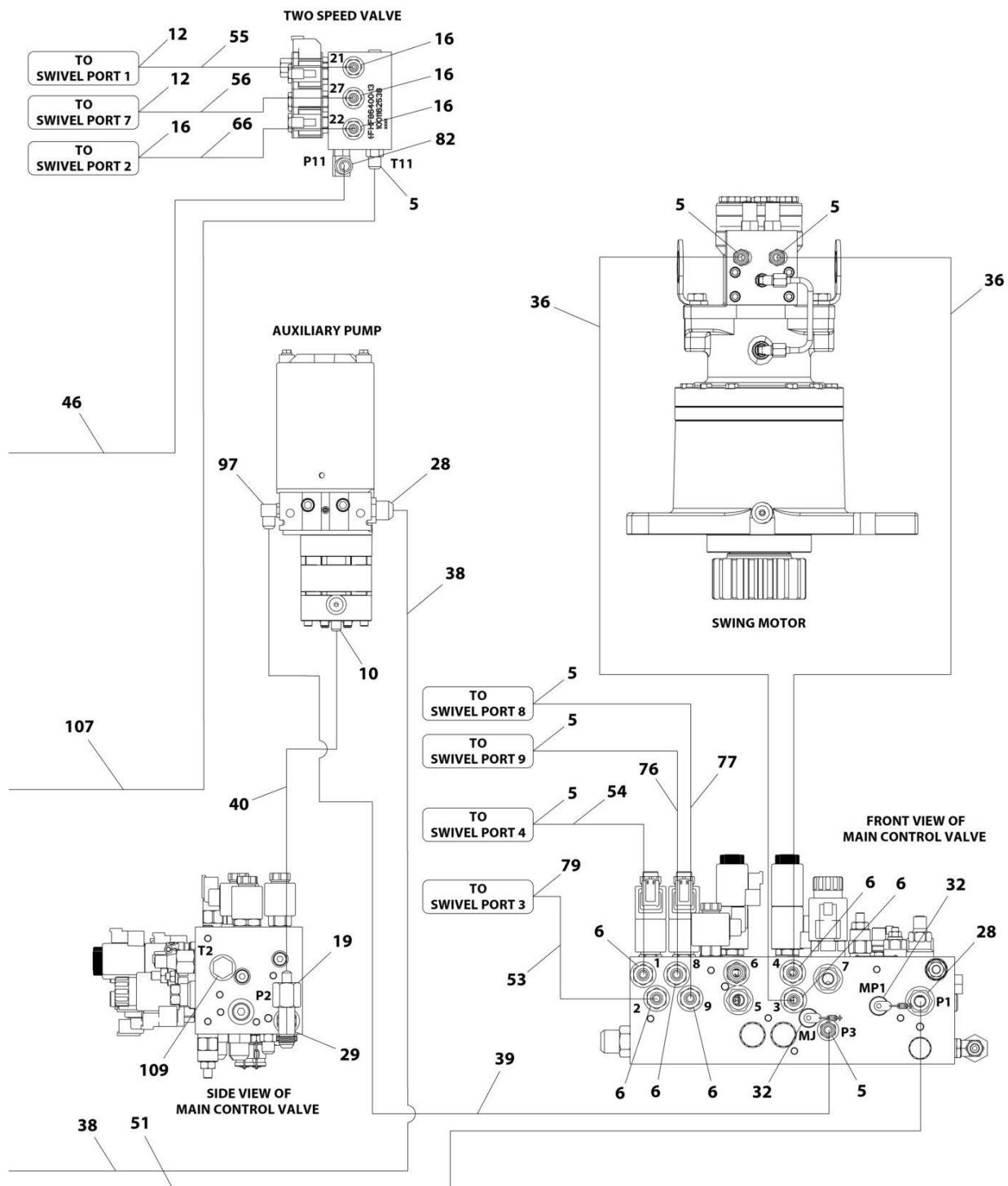
SECTION 7 - HYDRAULIC

FIGURE 7-7. STANDARD HYDRAULIC DIAGRAM (660SJ 4WS)



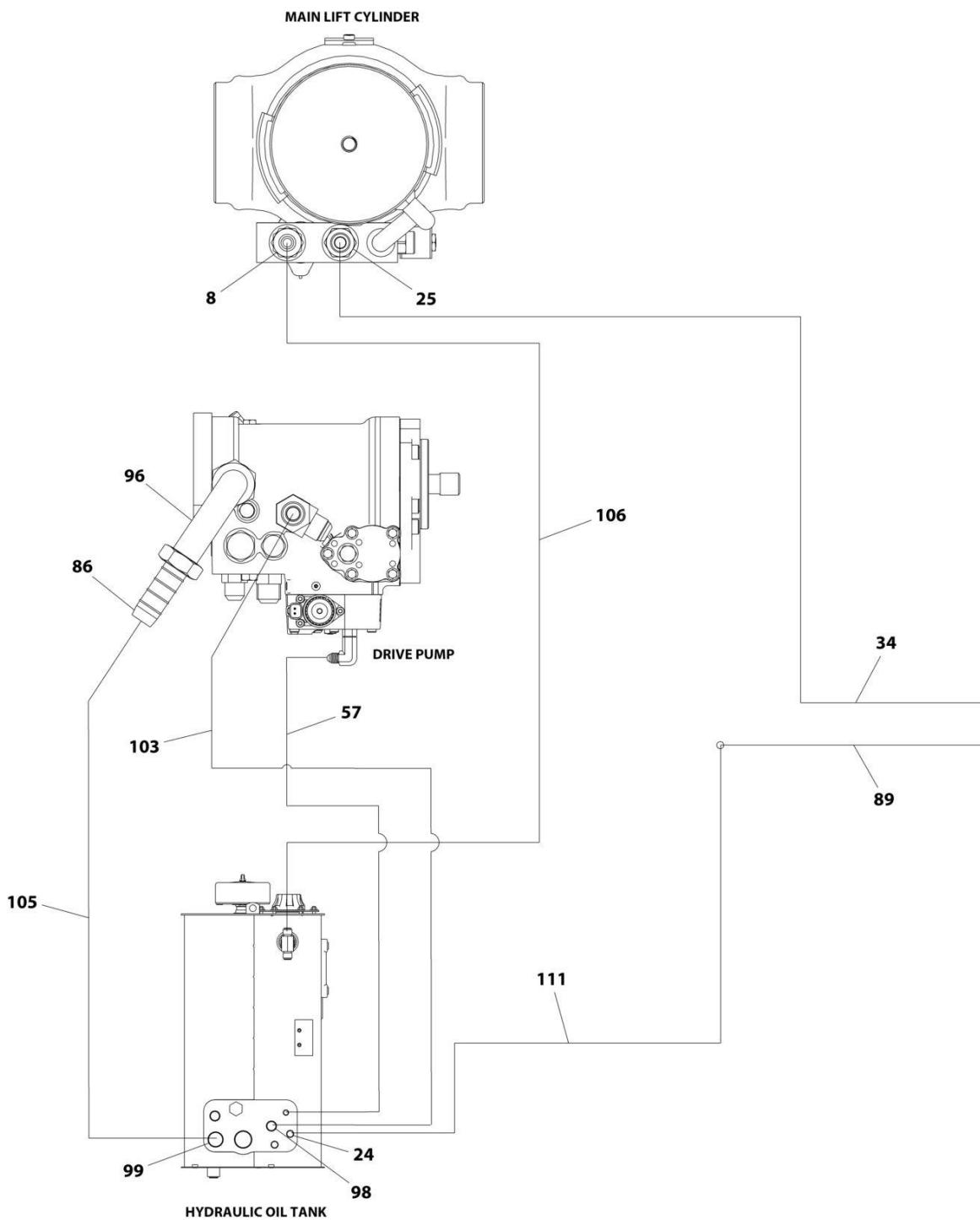
ART_1001194097_1OF4

SECTION 7 - HYDRAULIC



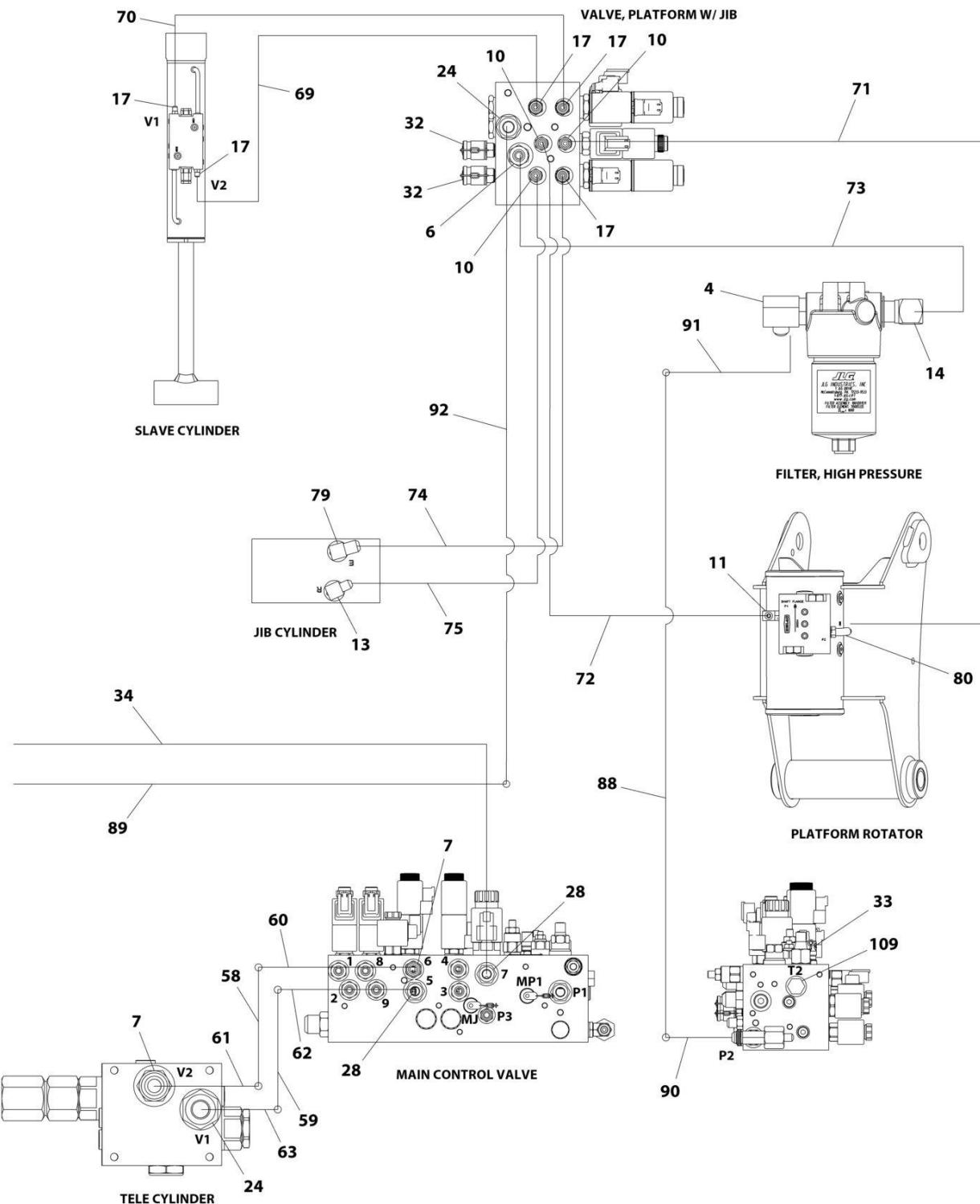
ART_1001194097_20F4

SECTION 7 - HYDRAULIC



ART_1001194097_3OF4

SECTION 7 - HYDRAULIC



ART_1001194097_4OF4

SECTION 7 - HYDRAULIC

FIGURE 7-7. STANDARD HYDRAULIC DIAGRAM (660SJ 4WS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194097	Ref	STANDARD HYDRAULIC DIAGRAM	
1	2111616	2	Fitting, Straight JIC/ORB	
4	2220366	1	Fitting, 90 JIC/ORB	
5	2220371	7	Fitting, Straight JIC/ORB	
6	2220372	7	Fitting, Straight JIC/ORB	
7	2220373	3	Fitting, Straight JIC/ORB	
8	2220375	2	Fitting, Straight JIC/ORB	
10	2220415	4	Fitting, Straight JIC/ORB	
11	2220466	1	Fitting, 90 JIC/ORB	
12	2220468	2	Fitting, Straight JIC/ORB	
13	2220472	1	Fitting, 90 JIC/ORB	
14	2221048	1	Fitting, 90 JIC/ORB	
16	2220582	4	Fitting, Straight JIC/ORB	
17	2220603	5	Fitting, Straight JIC/ORB	
19	2220618	1	Fitting, Straight JIC/FSJIC	
22	2220738	1	Fitting, Tee JIC/ORB/JIC	
24	2220852	3	Fitting, Straight JIC/ORB	
25	2220865	2	Fitting, Straight JIC/ORB	
26	2220906	1	Fitting, 90 JIC/ORB	
28	2220947	4	Fitting, Straight JIC/ORB	
29	2220999	1	Fitting, Tee JIC/ORB/JIC	
32	2221086	4	Fitting, Test	
33	1001119455	1	Valve, Oil Sampling	
34	1001192641	1	Hose	
36	1001192651	2	Hose	
38	1001228226	1	Hose	
39	1001192654	1	Hose	
40	1001192655	1	Hose	
42	1001192661	1	Hose	
43	1001192663	1	Hose	
44	1001192667	1	Hose	
45	1001192669	1	Hose	
46	1001192673	1	Hose	
51	1001192679	1	Hose	
53	1001192681	1	Hose	
54	1001192682	1	Hose	
55	1001192688	1	Hose	
56	1001192689	1	Hose	
57	1001192690	1	Hose	
58	1001192693	1	Pipe	
59	1001192694	1	Pipe	
60	1001192695	1	Hose	
61	1001192696	1	Hose	
62	1001192698	1	Hose	
63	1001192699	1	Hose	
66	1001192758	1	Hose	
69	1001193927	1	Hose	
70	1001193928	1	Hose	
71	1001193929	1	Hose	
72	1001193930	1	Hose	

SECTION 7 - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
73	1001222522	1	Hose	
74	1001193932	1	Hose	
75	1001193933	1	Hose	
76	1001194329	1	Hose	
77	1001194330	1	Hose	
78	2220451	1	Fitting, Straight JIC/ORB	
79	2220473	2	Fitting, 90 JIC/ORB	
80	2220502	1	Fitting, 45 JIC/ORB	
82	2220726	1	Fitting, 90 JIC/ORB	
86	80633030	2	Clamp	
88	1001201255	1	Pipe	
89	1001220903	1	Pipe	
90	1001203424	1	Hose	
91	1001203426	1	Hose	
92	1001221016	1	Hose	
96	1001205824	2	Fitting, 90 Barb	
97	2220775	1	Fitting, 90 JIC/ORB	
98	2220637	1	Fitting, 45 JIC/ORB	
99	2220380	1	Fitting, Straight JIC/ORB	
100	2220733	1	Fitting, Straight JIC/ORB	
101	1001203423	1	Hose	
102	1001203430	1	Hose	
103	1001203431	1	Hose	
104	1001203432	1	Hose	
105	1001203433	1	Hose	
106	1001204645	1	Hose	
107	1001214149	1	Hose	
108	1001214408	1	Fitting, Tee JIC/ORB/JIC	
109	2220238	1	Plug	
110	2220606	1	Fitting, Tee JIC/ORB/JIC	
111	1001220912	1	Hose	

SECTION 7 - HYDRAULIC

FIGURE 7-8. HYDRAULIC DIAGRAM LIST

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	HYDRAULIC DIAGRAM LIST	
		Ref	Note: Diagrams that are not shown are available from the JLG Service Department. See Service and Maintenance Manual for Schematics.	
	1001188342	Ref	HYDRAULIC DIAGRAMS - DRIVE:	
	1001192265	Ref	Drive Hydraulic Diagram (2WS Without Arctic Package)	
	1001188343	Ref	Drive Hydraulic Diagram (2WS With Arctic Package)	
	1001193247	Ref	Drive Hydraulic Diagram (4WS)	
	1001194096	Ref	HYDRAULIC DIAGRAM - STANDARD	
	1001193759	Ref	Standard Hydraulic Diagram (600S 2WS)	
	1001194097	Ref	Standard Hydraulic Diagram (600S 4WS)	
	1001188898	Ref	Standard Hydraulic Diagram (660SJ 2WS)	
		Ref	Standard Hydraulic Diagram (660SJ 4WS)	
			HYDRAULIC SCHEMATIC	

SECTION 8 - ELECTRICAL

SECTION 8 - ELECTRICAL

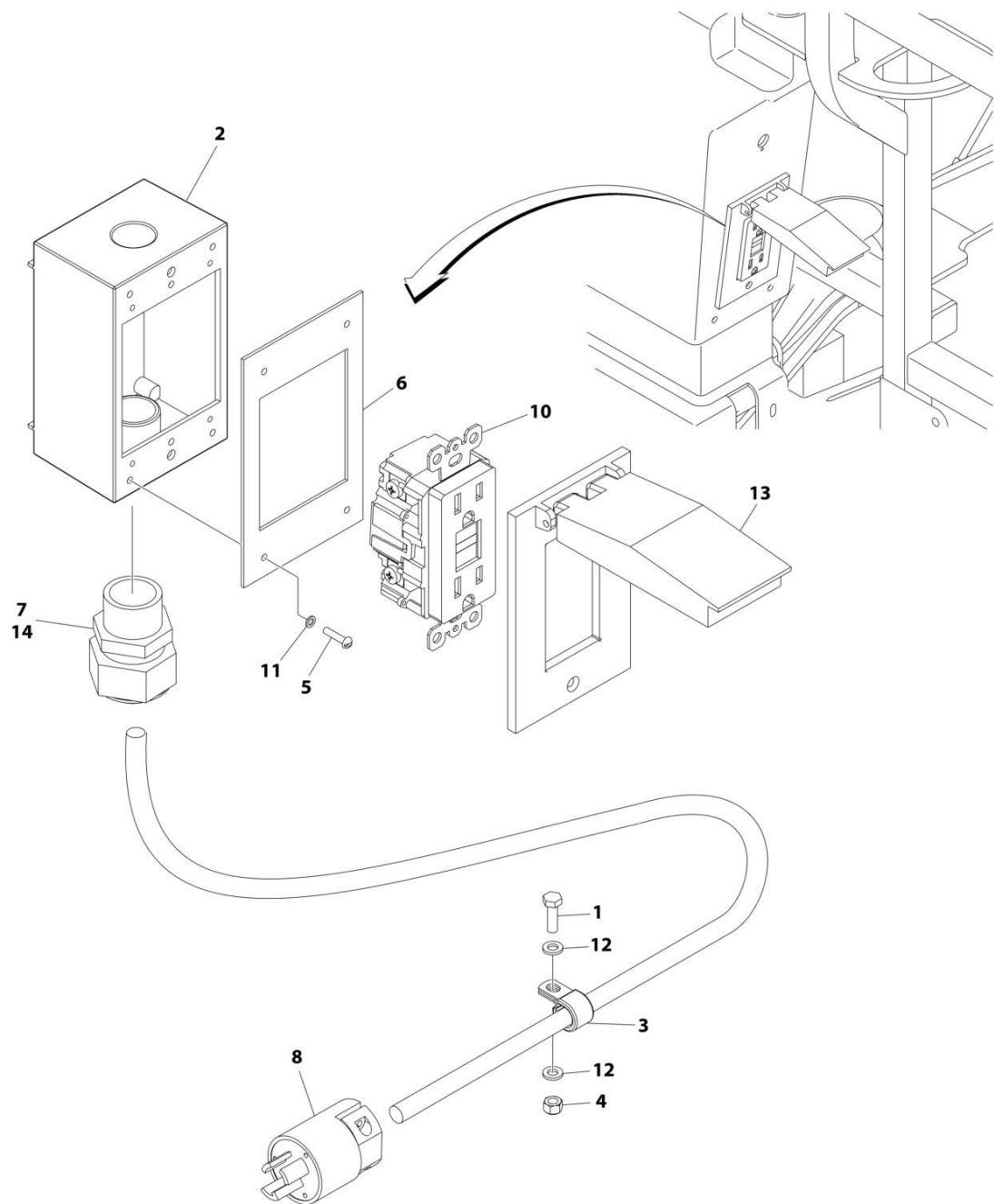
SECTION 8 - ELECTRICAL

FIGURE 8-1. ELECTRICAL DIAGRAM LIST

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	ELECTRICAL DIAGRAM LIST	
		Ref	Note: Diagrams that are not shown are available from the JLG Service Department. See Service and Maintenance Manual for Schematics.	
		Ref	GENERATOR ELECTRICAL DIAGRAMS	
	1001188732	Ref	2500W Generator Electrical Diagram Options:	
	1001188731	Ref	Machines with 110V/60Hz Generators	
	1001175631	Ref	Machines with 220V/50Hz Generators	
	1001175632	Ref	4000W Generator Electrical Diagram Options:	
	1001174675	Ref	Machines with 110V/60Hz Generators (Deutz Engines)	
	4933218	Ref	Machines with 220V/50Hz Generators (Deutz D2011 Engines)	
	1001186701	Ref	7500W SkyPower Generator Electrical Diagram Options:	
		Ref	All Machines	
		Ref	PLATFORM SOFT TOUCH SYSTEM ELECTRICAL DIAGRAM	
		Ref	STANDARD ELECTRICAL SCHEMATIC	

SECTION 8 - ELECTRICAL

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



ART_1001190773

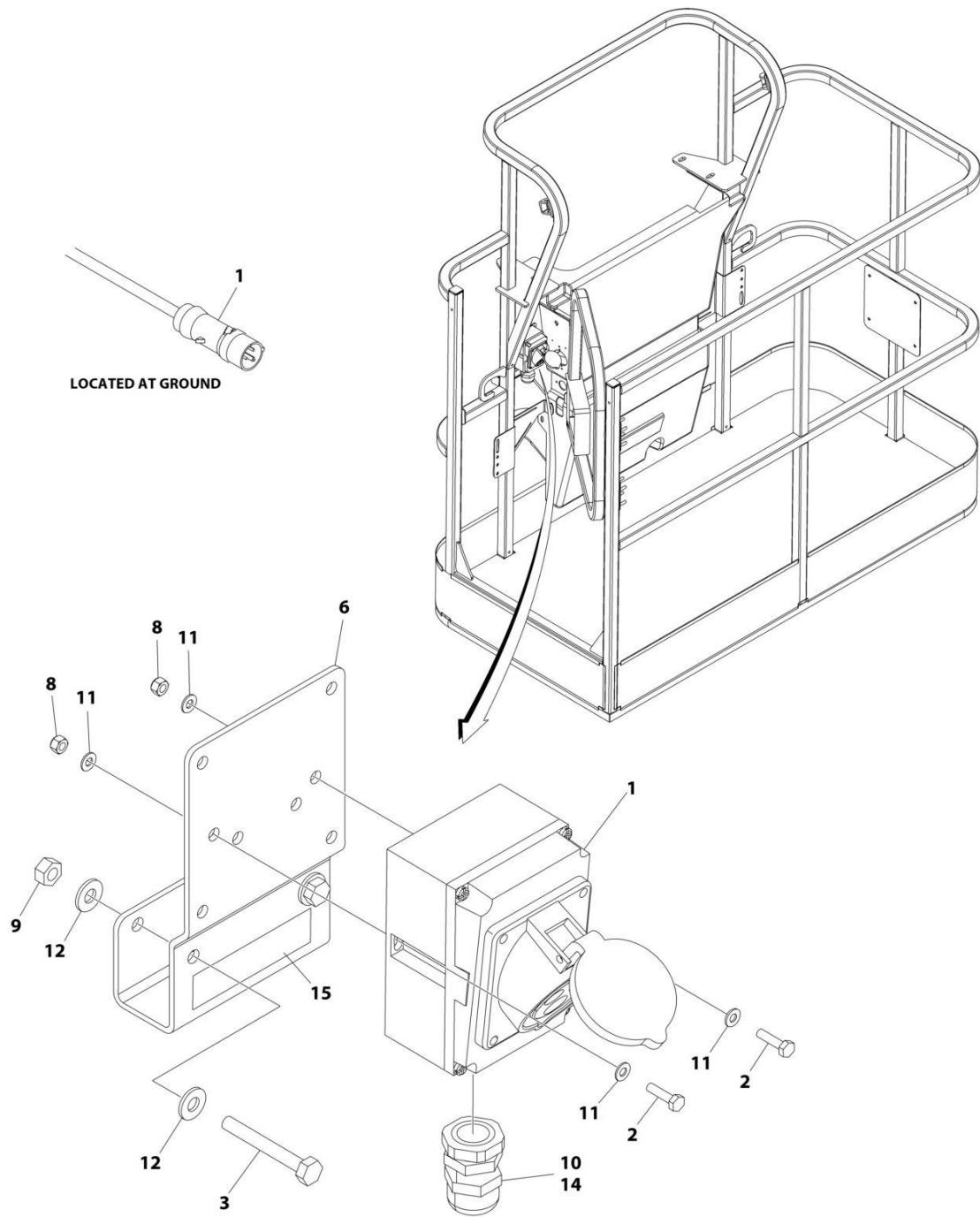
SECTION 8 - ELECTRICAL

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190773	Ref	AC BOX AT PLATFORM INSTALLATION	
1	0760610	1	Bolt M6 x 20	C
2	0860038	1	Box, Switch	
3	1320041	1	Clamp	
4	3290605	1	Nut M6	
5	3910610	4	Screw #6 x 5/8	
6	3960422	1	Gasket	
7	4460071	1	Connector, Strain Relief	
8	4460205	1	Plug, Male	
9	4460315	1	Terminal, Spade (Not Shown)	
10	4460346	1	Receptacle	
11	4760600	4	Washer #6	
12	4811700	2	Washer M6	
13	1001110873	1	Shield, Cover	
14	0100079	AR	Sealant	

SECTION 8 - ELECTRICAL

FIGURE 8-3. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE SPECS WITHOUT 4000W/50HZ GENERATOR)



ART_1001190493

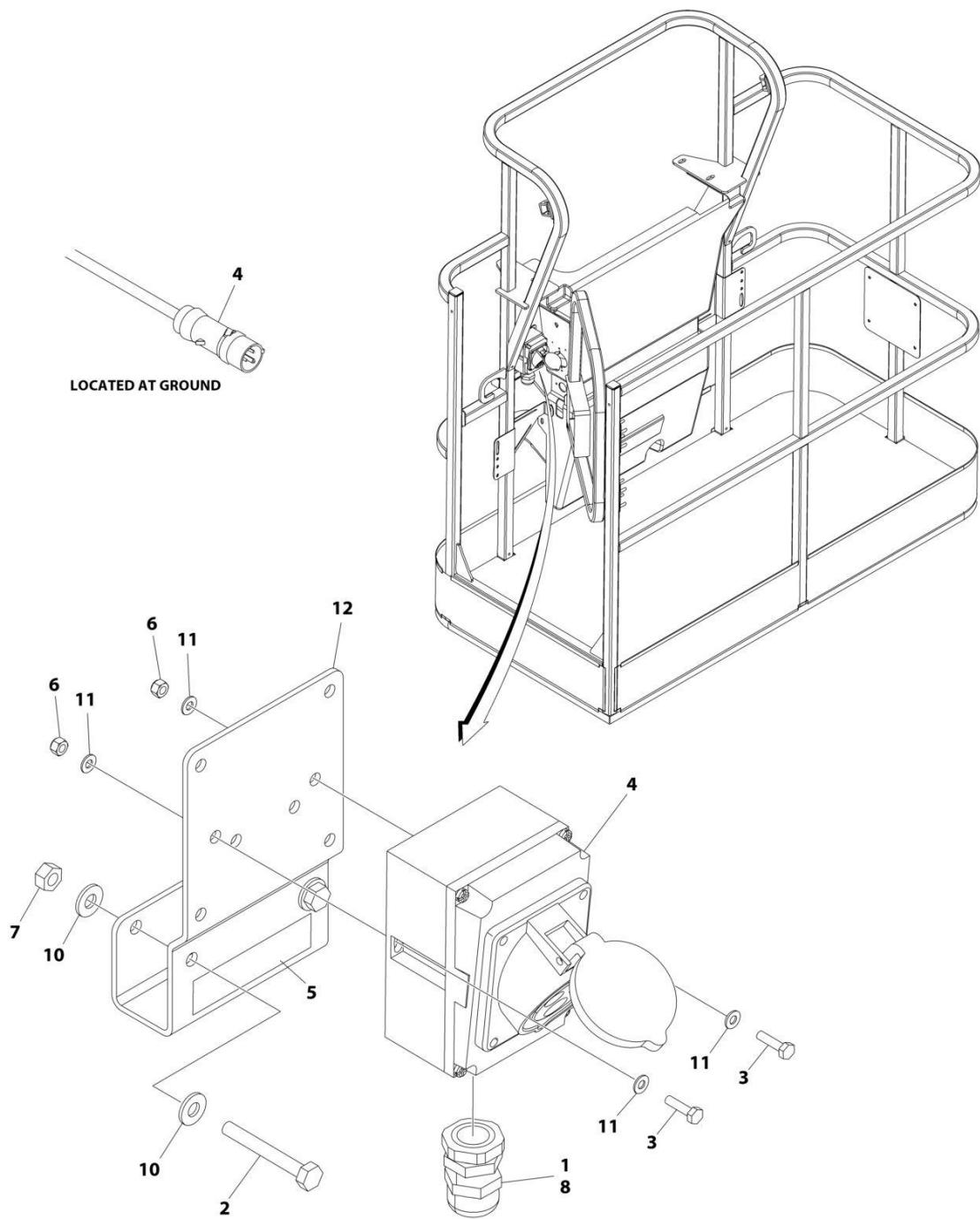
SECTION 8 - ELECTRICAL

FIGURE 8-3. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE SPECS WITHOUT 4000W/50HZ GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001190493	Ref	AC BOX AT PLATFORM INSTALLATION	C
1	0275216	1	Receptacle Box Kit - 110V IEC Yellow (See Separate Breakdown in this Section)	
2	0700408	2	Bolt M4 x 16	
3	0700618	2	Bolt M6 x 50	
6	1001193018	1	Bracket	
8	3290405	2	Nut M4	
9	3290605	2	Nut M6	
10	4460968	1	Connector, Strain Relief	
11	4811400	4	Washer M4	
12	4811700	4	Washer M6	
14	0100079	AR	Sealant	
15	1705325	1	Decal - 110V	

SECTION 8 - ELECTRICAL

FIGURE 8-4. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE SPECS WITH 4000W/50HZ GENERATOR)



ART_1001194203

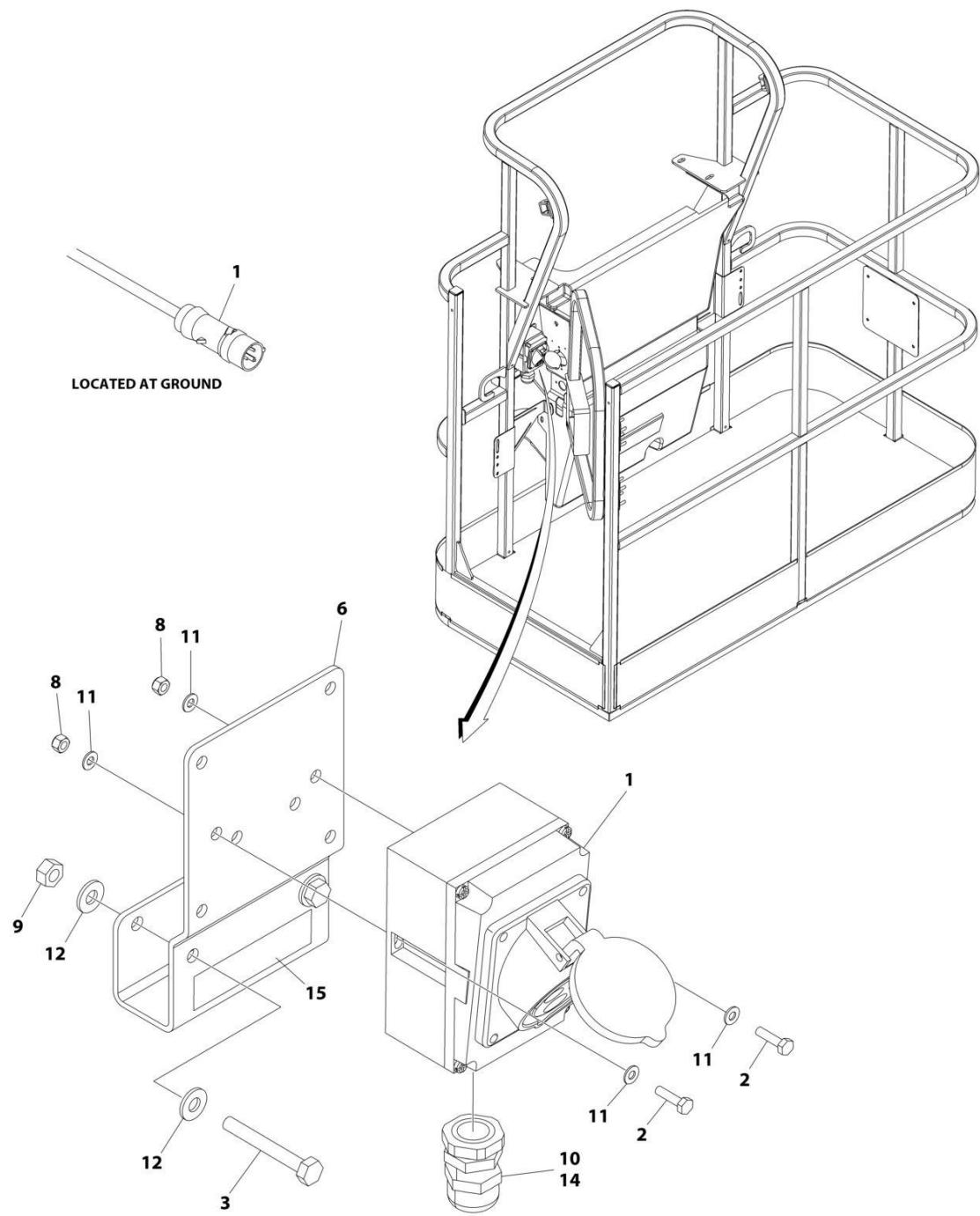
SECTION 8 - ELECTRICAL

FIGURE 8-4. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE SPECS WITH 4000W/50HZ GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001194203	Ref	AC BOX AT PLATFORM INSTALLATION	B
1	0100020	AR	Sealant	
2	0641416	2	Bolt 1/4 x 2	
3	0700408	2	Bolt M4 x 16	
4	0275216	1	Receptacle Box Kit - 110V IEC Yellow (See Separate Breakdown in this Section)	
5	1705325	1	Decal - 110V	
6	3290405	2	Nut M4	
7	3311405	2	Nut 1/4	
8	4460968	1	Connector, Strain Relief	
10	4711400	4	Washer 1/4	
11	4811400	4	Washer M4	
12	1001193018	1	Bracket	

SECTION 8 - ELECTRICAL

FIGURE 8-5. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE SPECS WITHOUT 4000W/50HZ GENERATOR)



ART_1001190495

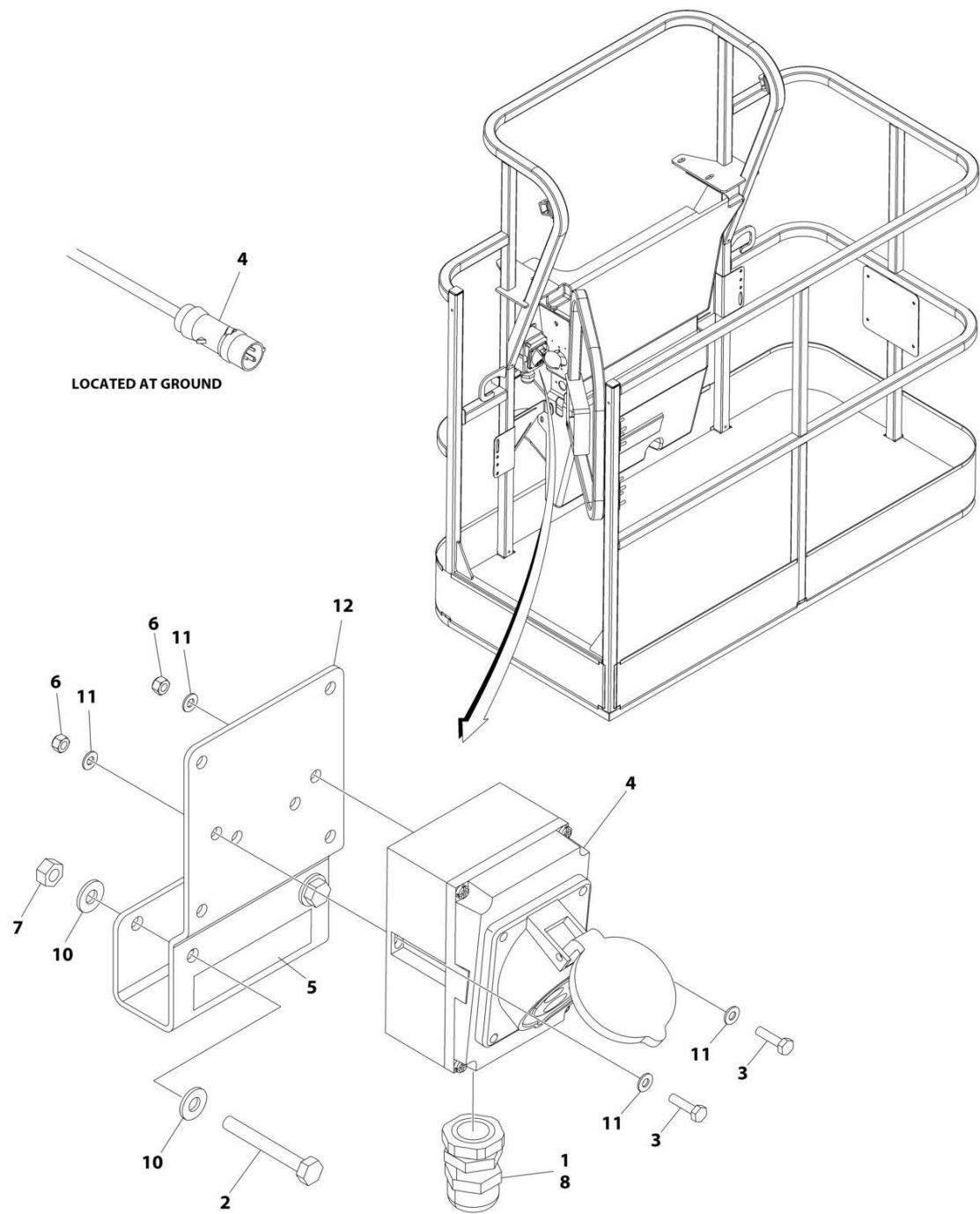
SECTION 8 - ELECTRICAL

FIGURE 8-5. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE SPECS WITHOUT 4000W/50HZ GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001190495 0275217	Ref 1	AC BOX AT PLATFORM INSTALLATION Receptacle Box Kit - 220V IEC Blue (See Separate Breakdown in this Section)	C
2	0700408	2	Bolt M4 x 16	
3	0700618	2	Bolt M6 x 50	
6	1001193018	1	Bracket	
8	3290405	2	Nut M4	
9	3290605	2	Nut M6	
10	4460968	1	Connector, Strain Relief	
11	4811400	4	Washer M4	
12	4811700	4	Washer M6	
14	0100079	AR	Sealant	
15	3252507	1	Decal - 220 Volt	

SECTION 8 - ELECTRICAL

FIGURE 8-6. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE SPECS WITH 4000W/50HZ GENERATOR)



ART_1001194204

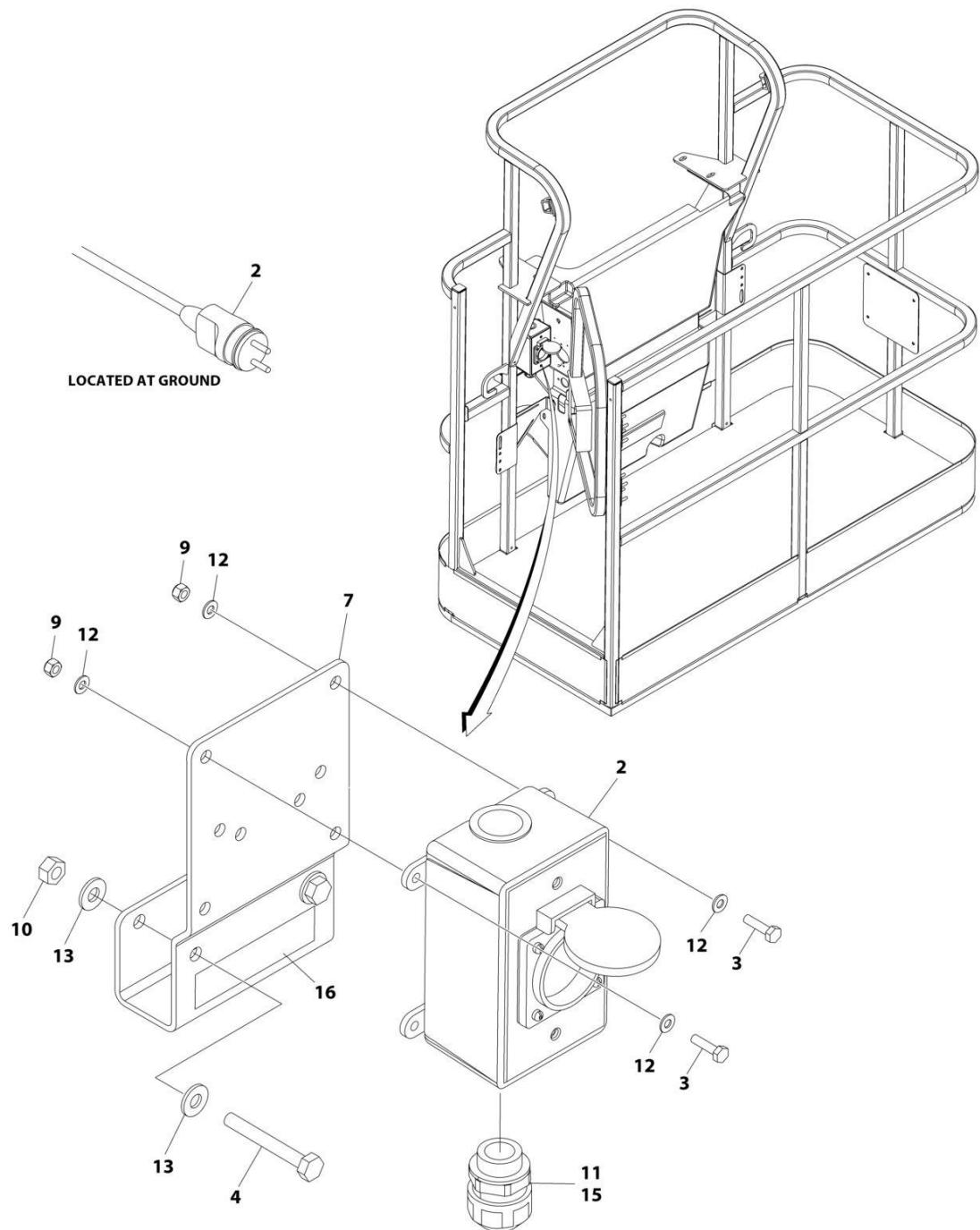
SECTION 8 - ELECTRICAL

FIGURE 8-6. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE SPECS WITH 4000W/50HZ GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001194204	Ref	AC BOX AT PLATFORM INSTALLATION	B
1	0100020	AR	Sealant	
2	0641416	2	Bolt 1/4 x 2	
3	0700408	2	Bolt M4 x 16	
4	0275217	1	Receptacle Box Kit - 220V IEC Blue (See Separate Breakdown in this Section)	
5	3251242	1	Decal - 240V/50Hz	
6	3290405	2	Nut M4	
7	3311405	2	Nut 1/4	
8	4460968	1	Connector, Strain Relief	
10	4711400	4	Washer 1/4	
11	4811400	4	Washer M4	
12	1001193018	1	Bracket	

SECTION 8 - ELECTRICAL

FIGURE 8-7. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2IN X 4IN POST GROUND (CE SPECS WITHOUT 4000W/50HZ GENERATOR)



ART_1001190441

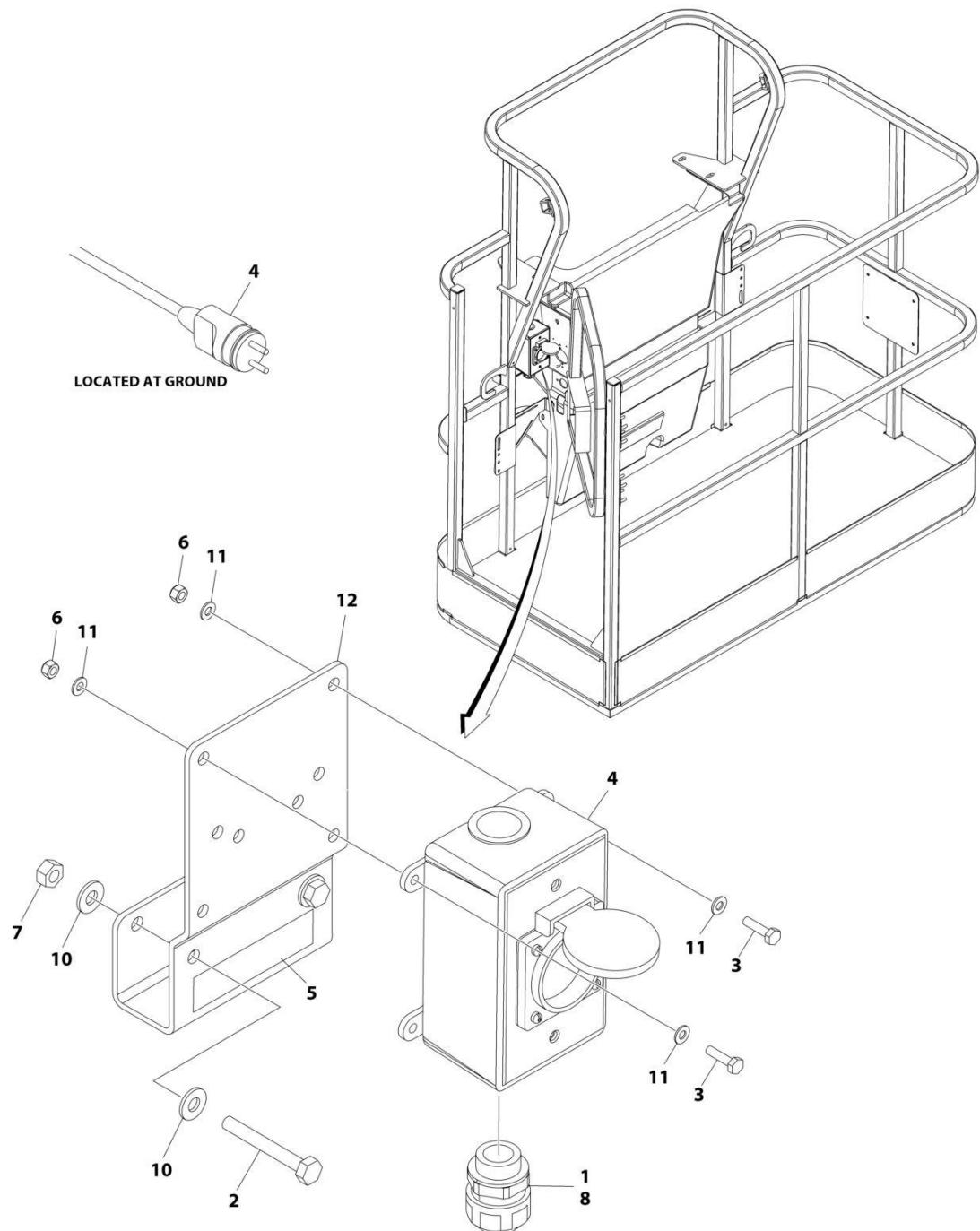
SECTION 8 - ELECTRICAL

FIGURE 8-7. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2IN X 4IN POST GROUND (CE SPECS WITHOUT 4000W/50HZ GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190441	Ref	AC BOX AT PLATFORM INSTALLATION	
2	0275452	1	Receptacle Box Kit - 220V CEE7 Post Ground 2in x 4in (See Separate Breakdown in this Section)	D
3	0700408	4	Bolt M4 x 16	
4	0700618	2	Bolt M6 x 50	
7	1001193018	1	Bracket	
9	3290405	4	Nut M4	
10	3290605	2	Nut M6	
11	4460662	1	Connector, Strain Relief	
12	4811400	8	Washer M4	
13	4811700	4	Washer M6	
15	0100079	AR	Sealant	
16	3252507	1	Decal - 220 Volt	

SECTION 8 - ELECTRICAL

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



ART_1001194197

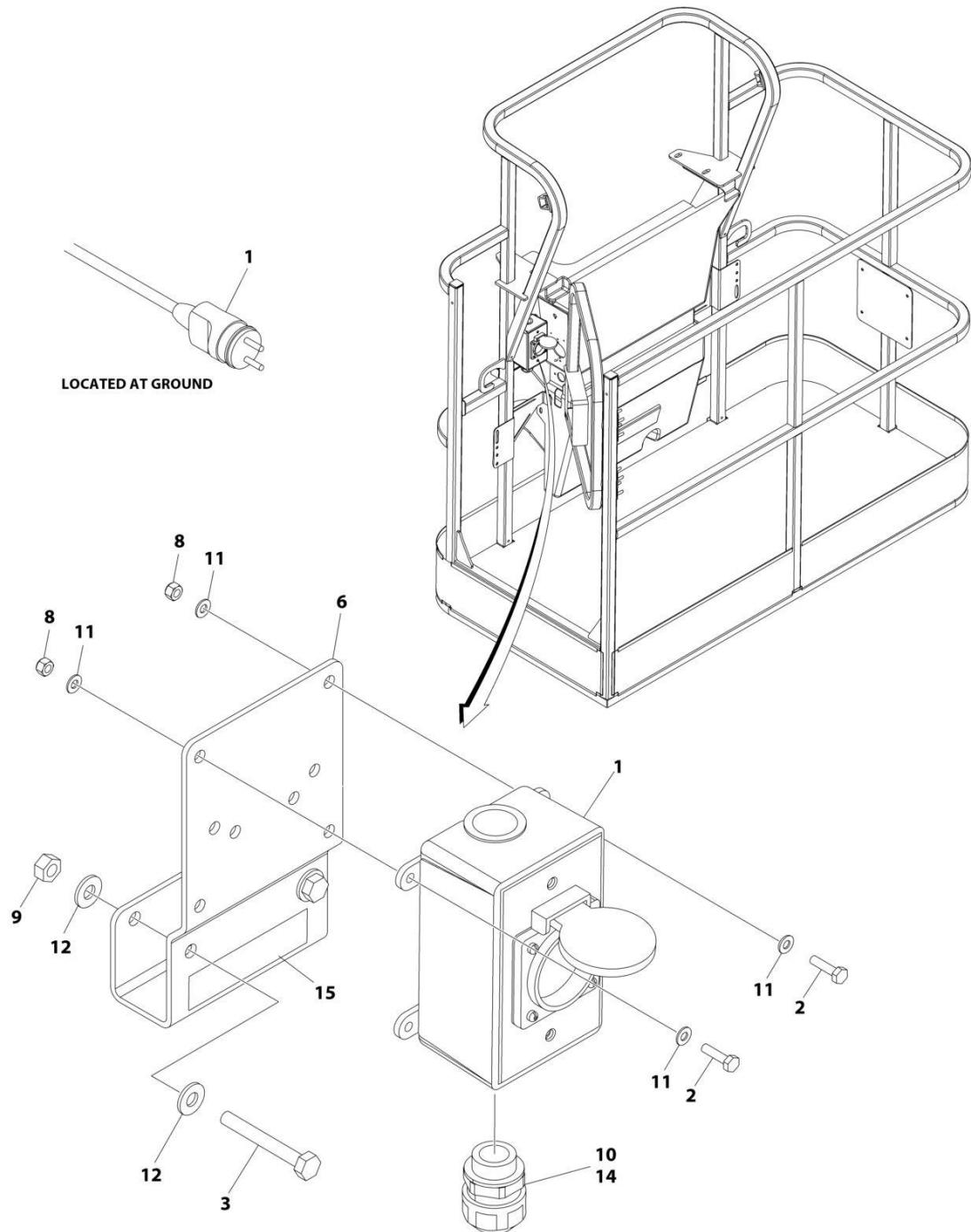
SECTION 8 - ELECTRICAL

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001194197	Ref	AC BOX AT PLATFORM INSTALLATION	B
1	0100020	AR	Sealant	
2	0641416	2	Bolt 1/4 x 2	
3	0700408	4	Bolt M4 x 16	
4	0275452	1	Receptacle Box Kit - 220V CEE7 Post Ground 21in x 4in (See Separate Breakdown in this Section)	
5	3251242	1	Decal - 240V/50Hz	
6	3290405	4	Nut M4	
7	3311405	2	Nut 1/4	
8	4460662	1	Connector, Strain Relief	
10	4711400	4	Washer 1/4	
11	4811400	8	Washer M4	
12	1001193018	1	Bracket	

SECTION 8 - ELECTRICAL

FIGURE 8-9. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2IN X 4IN SIDE GROUND (CE SPECS WITHOUT 4000W/50HZ GENERATOR)



ART_1001190484

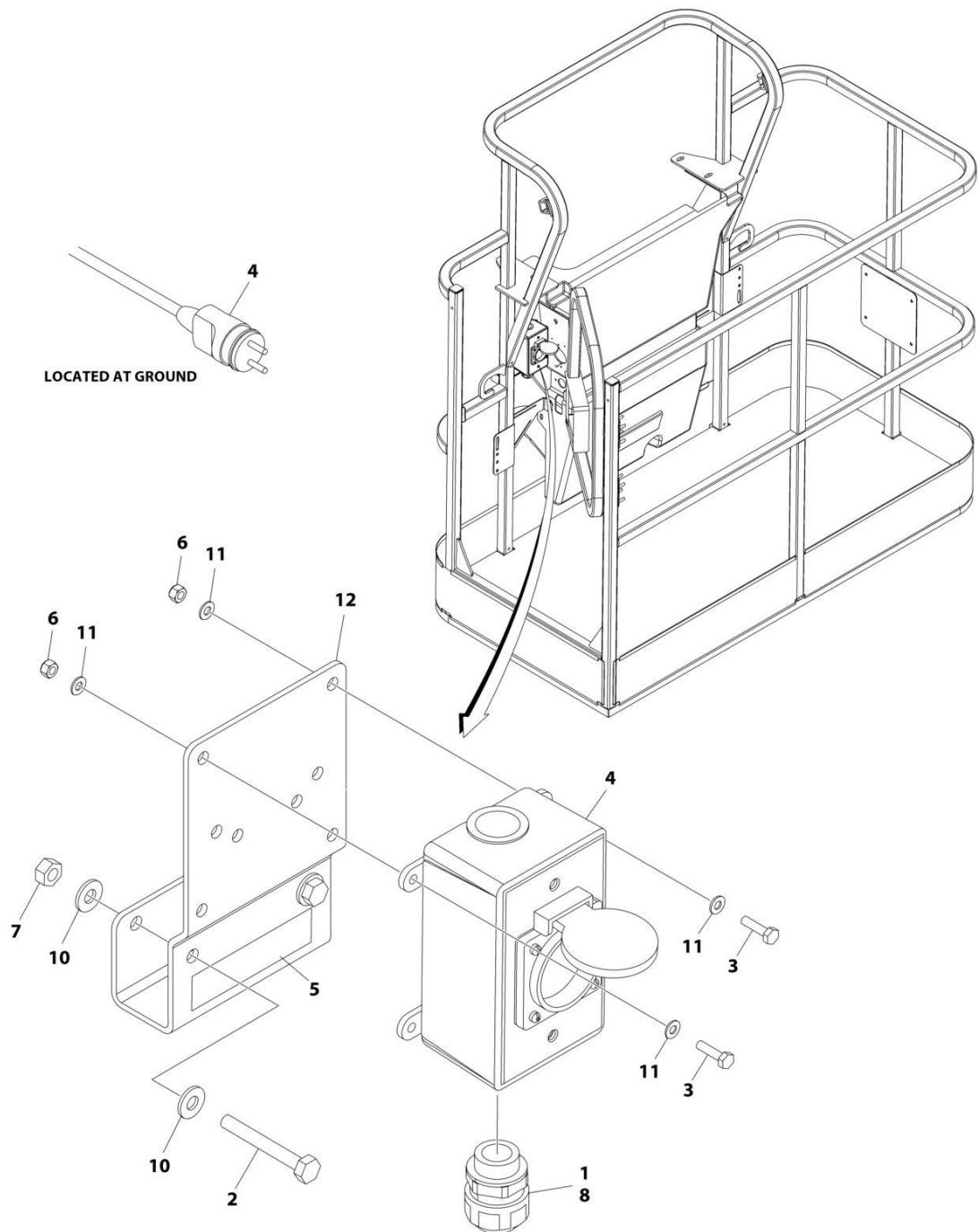
SECTION 8 - ELECTRICAL

FIGURE 8-9. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2IN X 4IN SIDE GROUND (CE SPECS WITHOUT 4000W/50HZ GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001190484	Ref	AC BOX AT PLATFORM INSTALLATION	
1	0275453	1	Receptacle Box Kit - 220V CEE7 Side Ground 2in x 4in (See Separate Breakdown in this Section)	D
2	0700408	4	Bolt M4 x 16	
3	0700618	2	Bolt M6 x 50	
6	1001193018	1	Bracket	
8	3290405	4	Nut M4	
9	3290605	2	Nut M6	
10	4460662	1	Connector, Strain Relief	
11	4811400	8	Washer M4	
12	4811700	4	Washer M6	
14	0100079	AR	Sealant	
15	3252507	1	Decal - 220 Volt	

SECTION 8 - ELECTRICAL

FIGURE 8-10. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2IN X 4IN SIDE GROUND (CE SPECS WITH 4000W/50HZ GENERATOR)



ART_1001194198

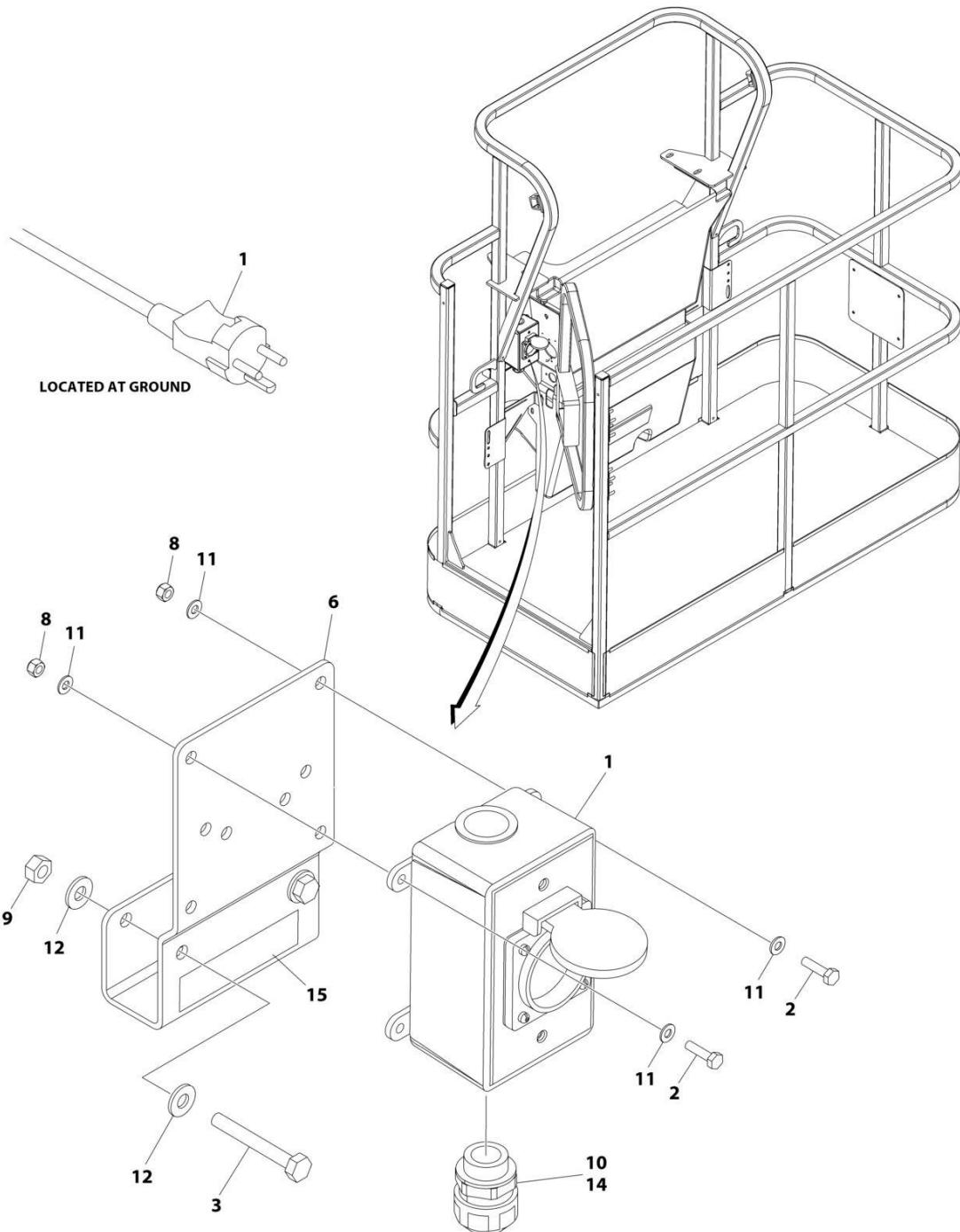
SECTION 8 - ELECTRICAL

FIGURE 8-10. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2IN X 4IN SIDE GROUND (CE SPECS WITH 4000W/50HZ GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001194198	Ref	AC BOX AT PLATFORM INSTALLATION	B
1	0100020	AR	Sealant	
2	0641416	2	Bolt 1/4 x 2	
3	0700408	4	Bolt M4 x 16	
4	0275453	1	Receptacle Box Kit - 220V CEE7 Side Ground 2in x 4in (See Separate Breakdown in this Section)	
5	3251242	1	Decal - 240V/50Hz	
6	3290405	4	Nut M4	
7	3311405	2	Nut 1/4	
8	4460662	1	Connector, Strain Relief	
10	4711400	4	Washer 1/4	
11	4811400	8	Washer M4	
12	1001193018	1	Bracket	

SECTION 8 - ELECTRICAL

FIGURE 8-11. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT107 (CE SPECS WITHOUT 4000W/50HZ GENERATOR)



ART_1001190485

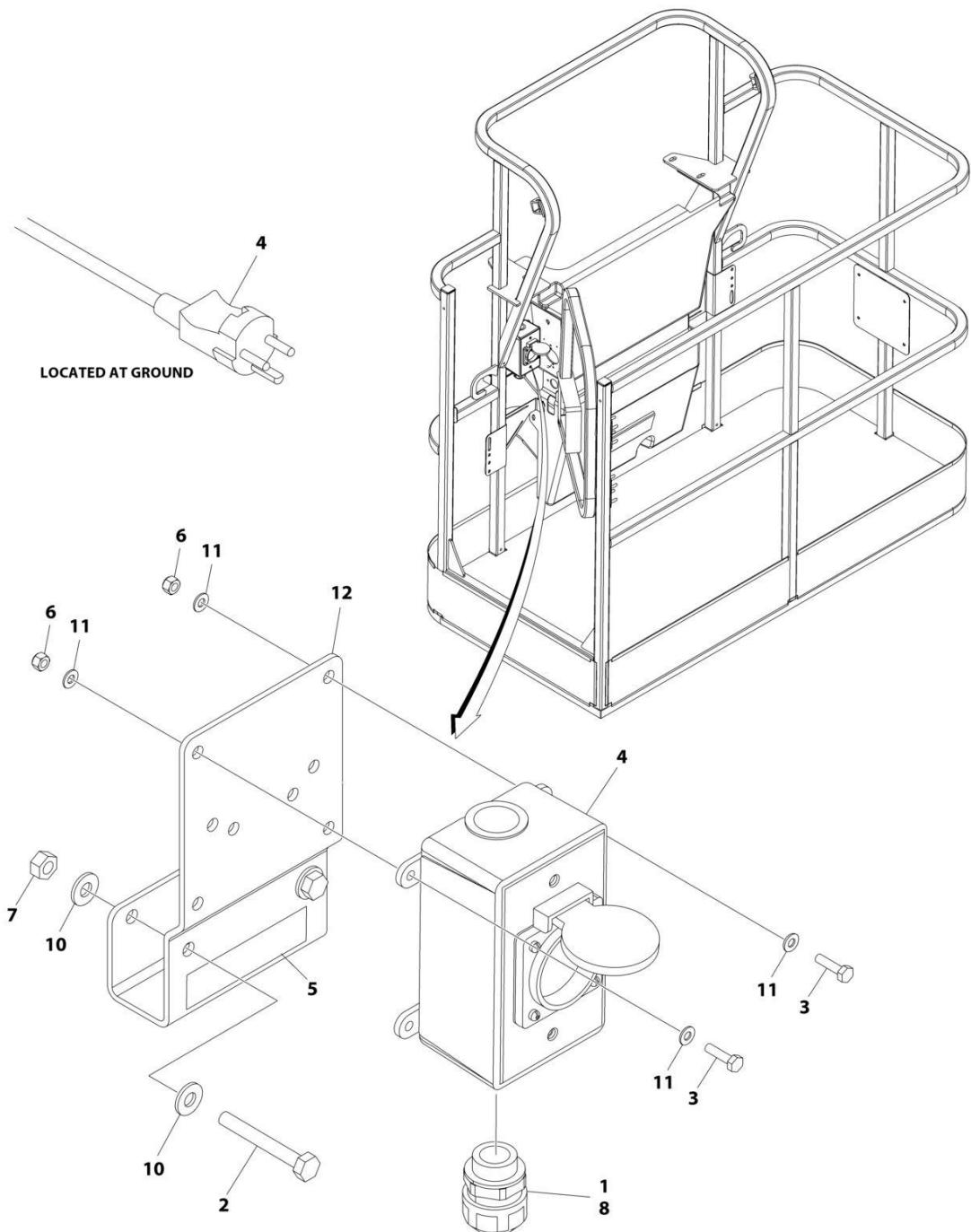
SECTION 8 - ELECTRICAL

FIGURE 8-11. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT107 (CE SPECS WITHOUT 4000W/50HZ GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001190485	Ref	AC BOX AT PLATFORM INSTALLATION	C
1	0275454	1	Receptacle Box Kit - 220V AFSINT107 (See Separate Breakdown in this Section)	
2	0700408	4	Bolt M4 x 16	
3	0700618	2	Bolt M6 x 50	
6	1001193018	1	Bracket	
8	3290405	4	Nut M4	
9	3290605	2	Nut M6	
10	4460662	1	Connector, Strain Relief	
11	4811400	8	Washer M4	
12	4811700	4	Washer M6	
14	0100079	AR	Sealant	
15	3252507	1	Decal - 220 Volt	

SECTION 8 - ELECTRICAL

FIGURE 8-12. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT107 (CE SPECS WITH 4000W/50HZ GENERATOR)



ART_1001194200

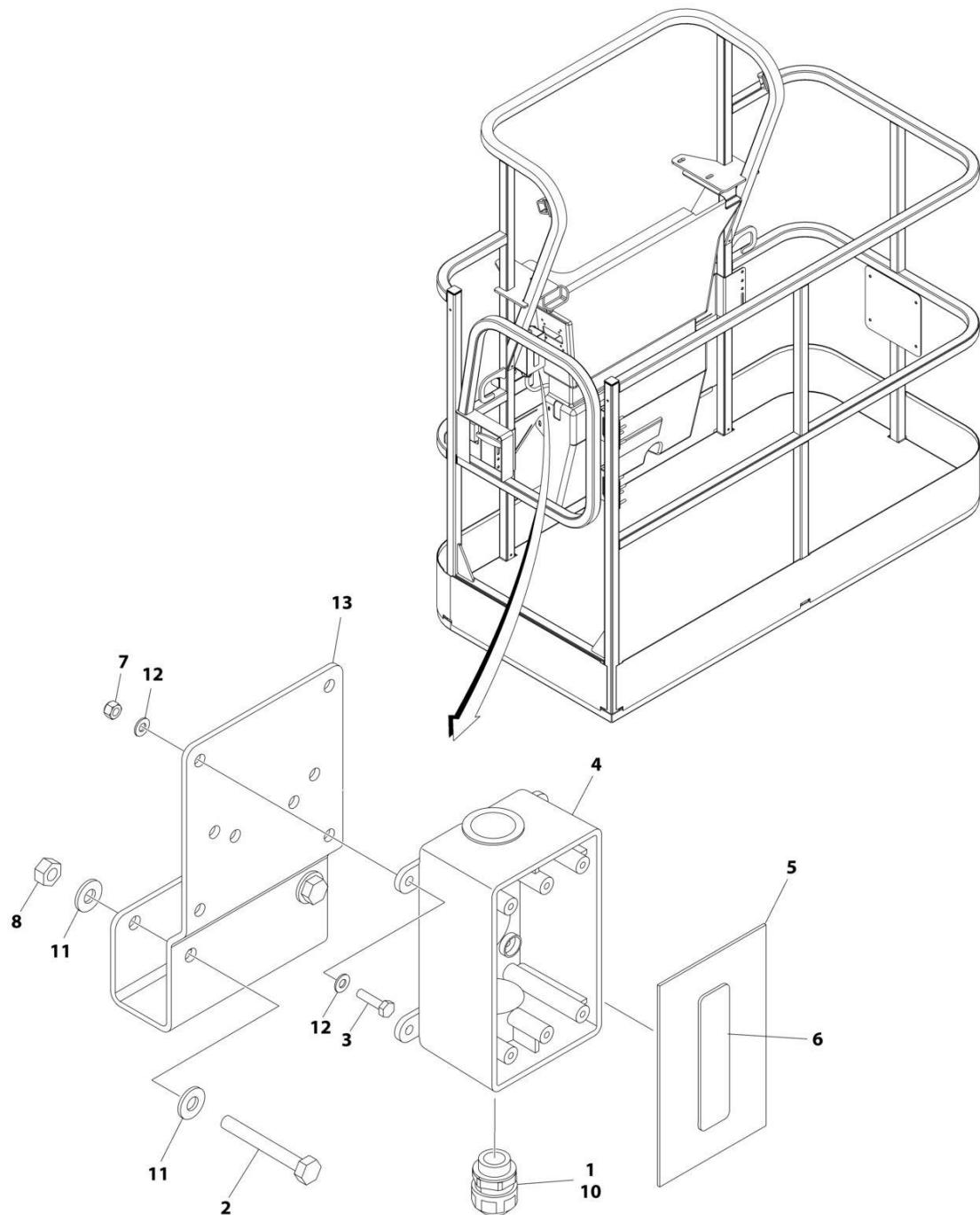
SECTION 8 - ELECTRICAL

FIGURE 8-12. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT107 (CE SPECS WITH 4000W/50HZ GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001194200	Ref	AC BOX AT PLATFORM INSTALLATION	B
1	0100020	AR	Sealant	
2	0641416	2	Bolt 1/4 x 2	
3	0700408	4	Bolt M4 x 16	
4	0275454	1	Receptacle Box Kit - 220V AFSINT107 (See Separate Breakdown in this Section)	
5	3251242	1	Decal - 240V/50Hz	
6	3290405	4	Nut M4	
7	3311405	2	Nut 1/4	
8	4460662	1	Connector, Strain Relief	
10	4711400	4	Washer 1/4	
11	4811400	8	Washer M4	
12	1001193018	1	Bracket	

SECTION 8 - ELECTRICAL

FIGURE 8-13. AC BOX AT PLATFORM INSTALLATION - 220V CUSTOMER SUPPLIED COMPONENTS
(ANSI EXPORT, CE AND CHINA SPECS)



ART_1001194365

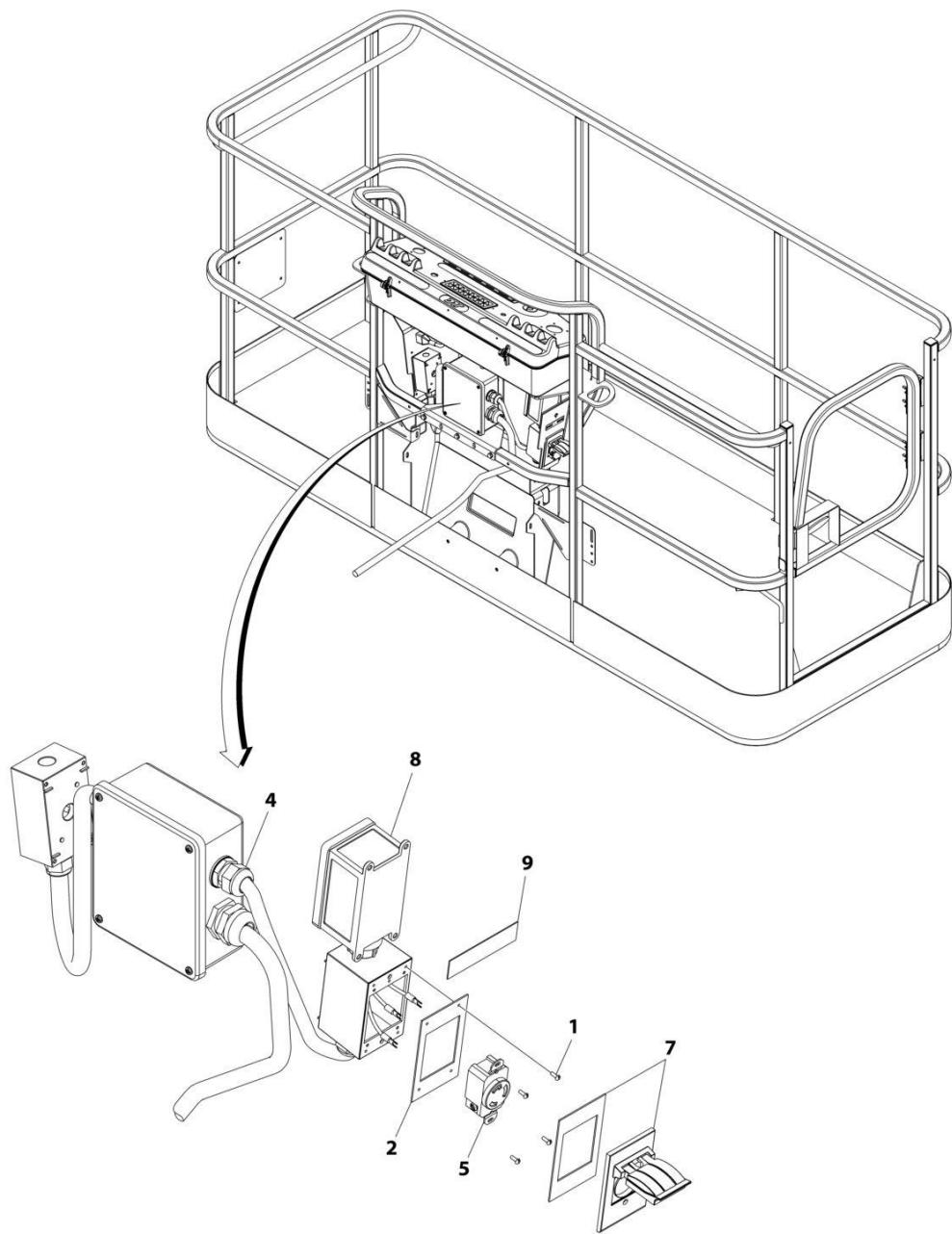
SECTION 8 - ELECTRICAL

**FIGURE 8-13. AC BOX AT PLATFORM INSTALLATION - 220V CUSTOMER SUPPLIED COMPONENTS
(ANSI EXPORT, CE AND CHINA SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001194365	Ref	AC BOX AT PLATFORM INSTALLATION	A
1	0100020	AR	Sealant	
2	0641416	2	Bolt 1/4 x 2	
3	0700408	4	Bolt M4 x 16	
4	0861731	1	Box, Receptacle	
5	1670603	1	Cover	
6	3251242	1	Decal - 240V/50Hz	
7	3290405	4	Nut M4	
8	3311405	2	Nut 1/4	
10	4460662	1	Connector, Strain Relief	
11	4711400	4	Washer 1/4	
12	4811400	8	Washer M4	
13	1001193018	1	Bracket	

SECTION 8 - ELECTRICAL

FIGURE 8-14. AC BOX AT PLATFORM INSTALLATION - 240V (WITH 4000W GENERATOR) (ALL SPECS EXCEPT AUSTRALIAN & CE SPECS)



ART_1001171131

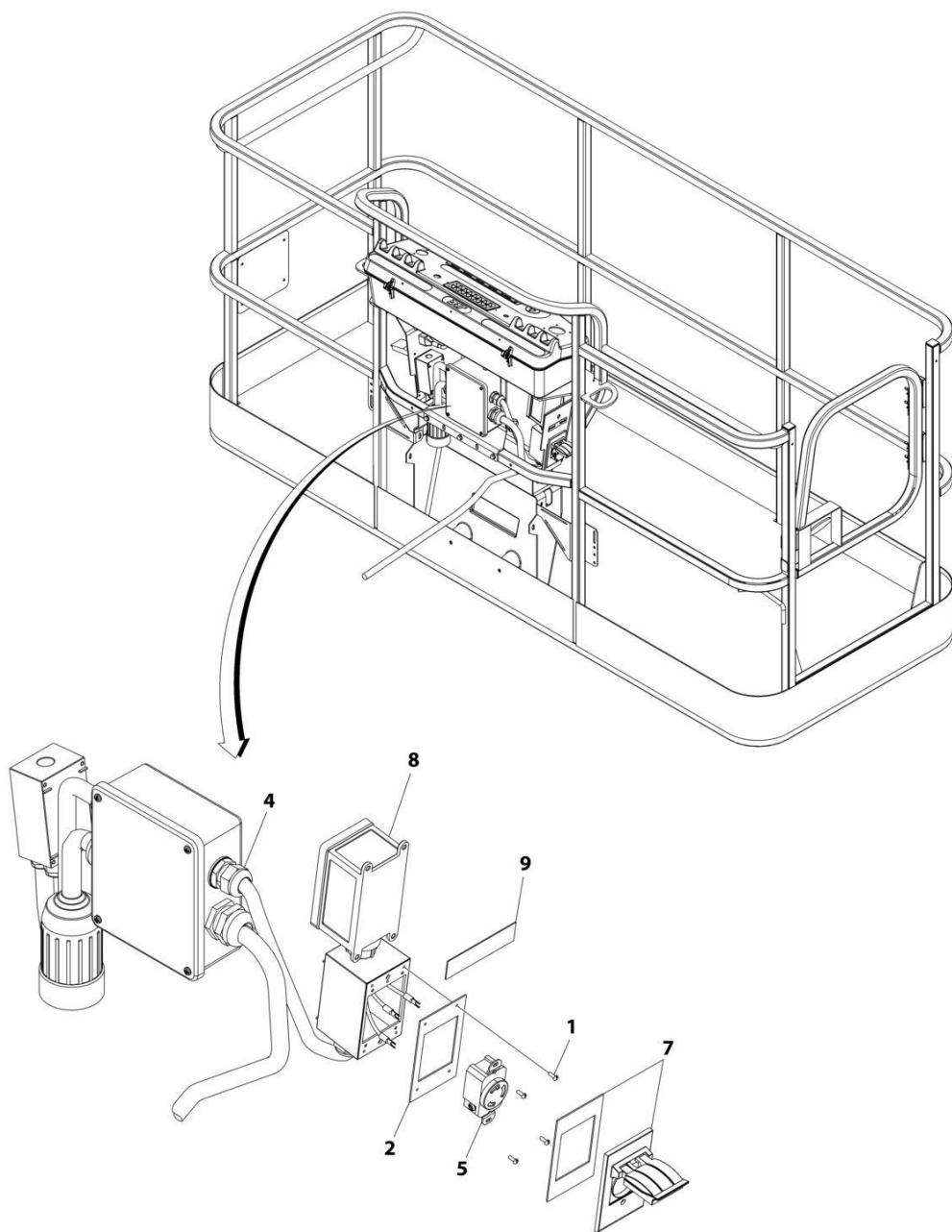
SECTION 8 - ELECTRICAL

FIGURE 8-14. AC BOX AT PLATFORM INSTALLATION - 240V (WITH 4000W GENERATOR) (ALL SPECS EXCEPT AUSTRALIAN & CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001171131	Ref	AC BOX AT PLATFORM INSTALLATION - 240V RECEPTACLE	
1	3910606	4	Screw #6 x 3/8	B
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	Box, Breaker	
9	1705374	1	Decal - 240V/60Hz	

SECTION 8 - ELECTRICAL

FIGURE 8-15. AC BOX AT PLATFORM INSTALLATION - 240V (WITH 7500W SKYPOWER GENERATOR) (ALL SPECS EXCEPT AUSTRALIAN & CE SPECS)



ART_1001159121

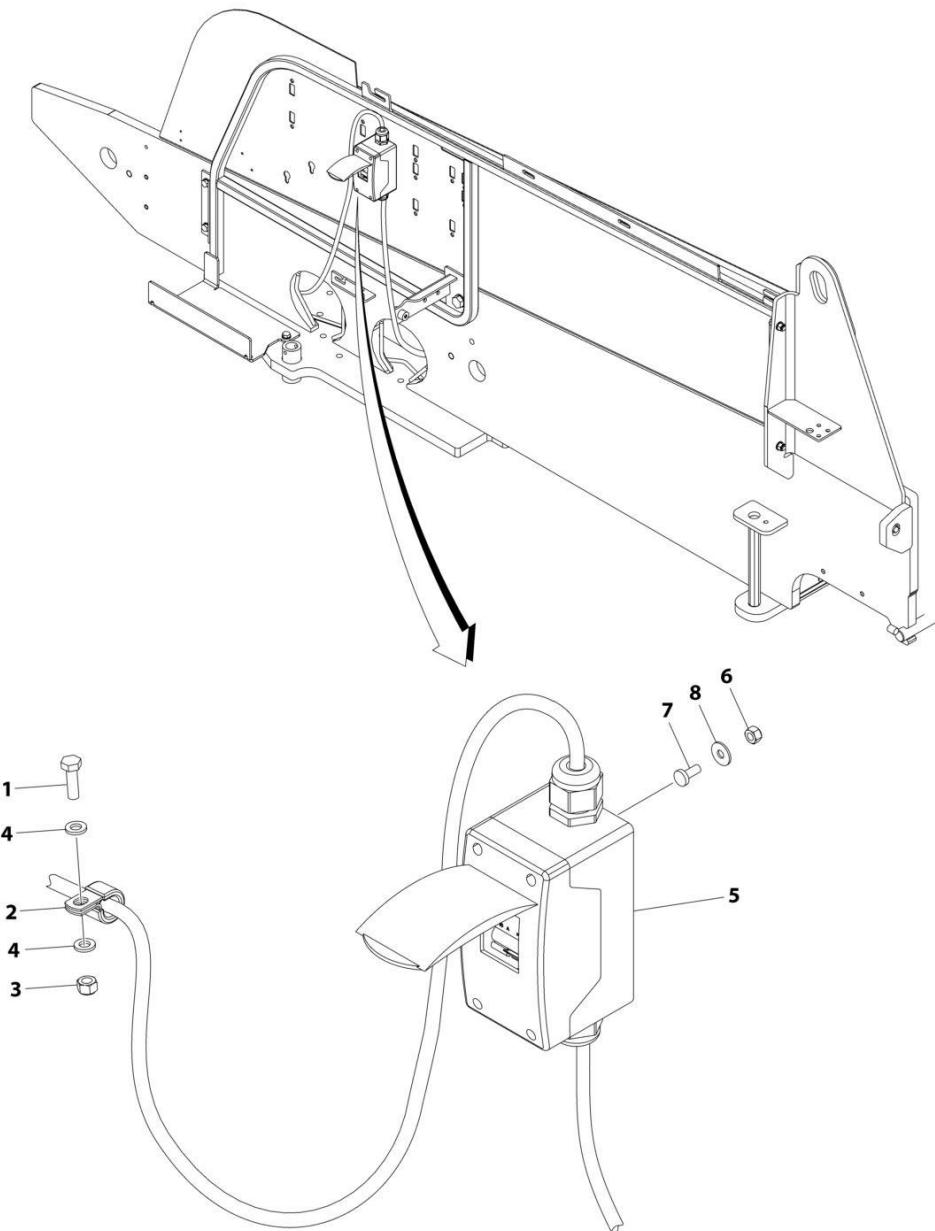
SECTION 8 - ELECTRICAL

FIGURE 8-15. AC BOX AT PLATFORM INSTALLATION - 240V (WITH 7500W SKYPOWER GENERATOR) (ALL SPECS EXCEPT AUSTRALIAN & CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001159121	Ref	AC BOX AT PLATFORM INSTALLATION - 240V RECEPTACLE	
1	3910606	4	Screw #6 x 3/8	B
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	Box, Breaker	
9	1705374	1	Decal - 240V/60Hz	

SECTION 8 - ELECTRICAL

FIGURE 8-16. AC BREAKER BOX INSTALLATION - SINGLE DOUBLE POLE BREAKER



ART_1001190774

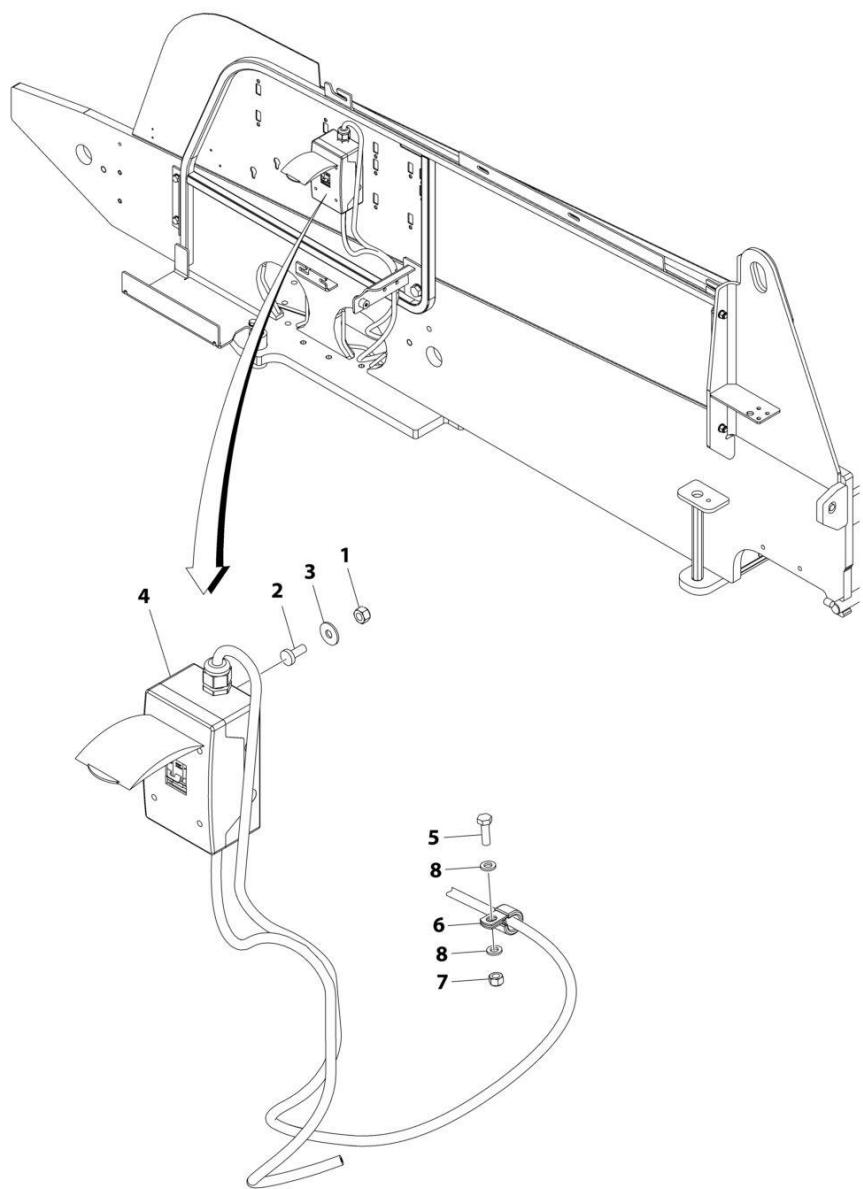
SECTION 8 - ELECTRICAL

FIGURE 8-16. AC BREAKER BOX INSTALLATION - SINGLE DOUBLE POLE BREAKER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001190774	Ref	AC BREAKER BOX INSTALLATION	C
1	0760610	1	Bolt M6 x 20	
2	1320041	1	Clamp	
3	3290605	1	Nut M6	
4	4811700	2	Washer M6	
5	2902549	1	Breaker Box Kit - Single Double Pole Breaker (See Separate Breakdown in this Section)	
6	3290405	2	Nut M4	
7	4010405	2	Screw M4 x 10	
8	1001091102	2	Washer M4	

SECTION 8 - ELECTRICAL

FIGURE 8-17. AC BREAKER BOX INSTALLATION - 3 BREAKERS



ART_1001211049

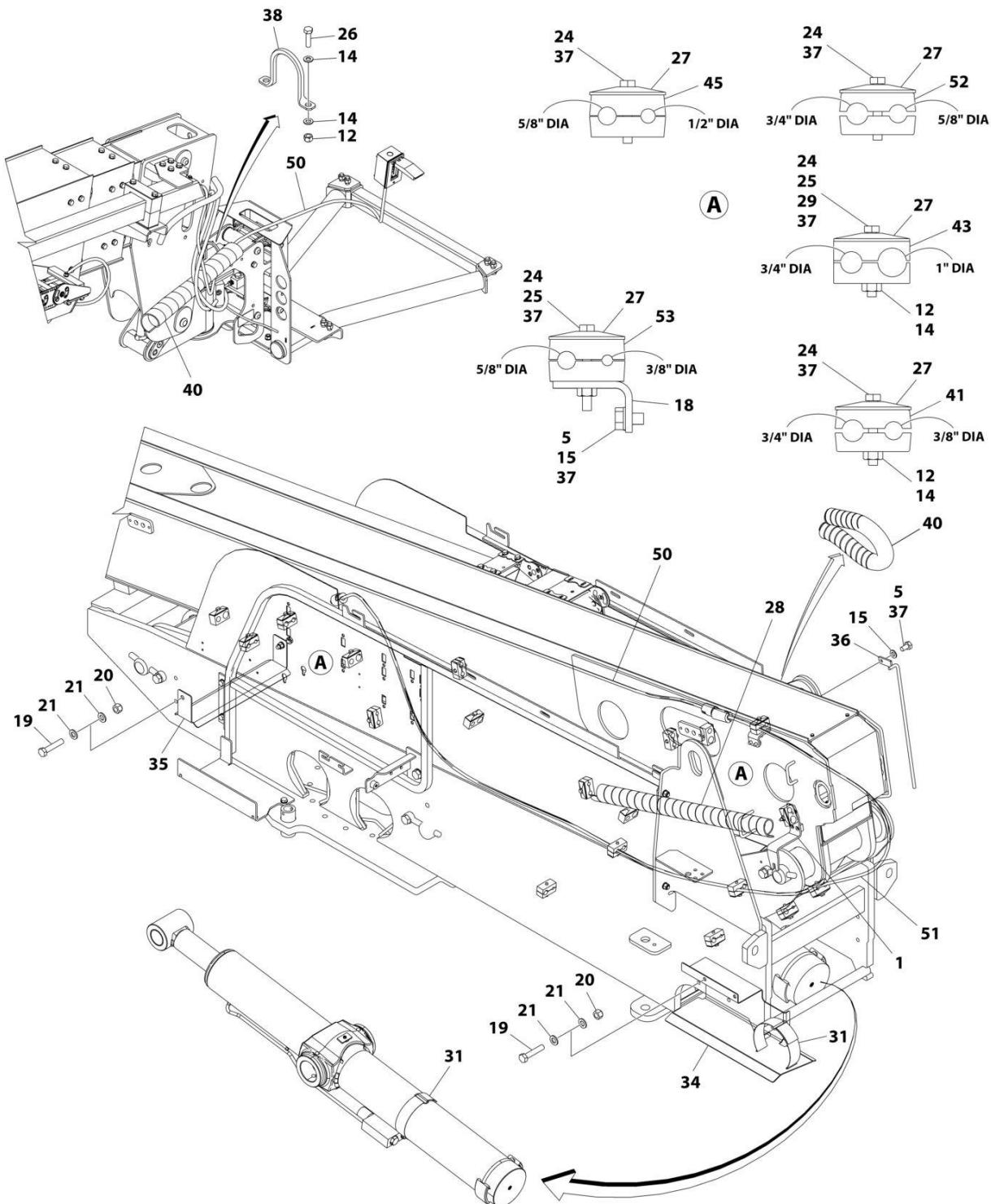
SECTION 8 - ELECTRICAL

FIGURE 8-17. AC BREAKER BOX INSTALLATION - 3 BREAKERS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001211049	Ref	AC BREAKER BOX INSTALLATION	C
1	3290405	2	Nut M4	
2	4010405	2	Screw M4 x 10	
3	1001091102	2	Washer M4	
4	1001152485	1	Breaker Box Kit - 3 Breakers (See Separate Breakdown in this Section) (600S SN 0300235168 through 0300237156)	
4	1001152485	1	Breaker Box Kit - 3 Breakers (See Separate Breakdown in this Section) (660SJ SN 0300235168 through 0300237156)	
4	1001152486	1	Breaker Box Kit - 3 Breakers (See Separate Breakdown in this Section) (600S SN 0300237157 to Present)	
4	1001152486	1	Breaker Box Kit - 3 Breakers (See Separate Breakdown in this Section) (660SJ SN 0300237157 to Present)	
5	0760610	1	Bolt M6 x 20	
6	1320041	1	Clamp	
7	3290605	1	Nut M6	
8	4811700	2	Washer M6	

SECTION 8 - ELECTRICAL

FIGURE 8-18. AC CABLES AND CLAMPS INSTALLATION - 600S WITHOUT GENERATOR (ANSI, CSA AND JAPANESE SPECS)



ART_1001193207

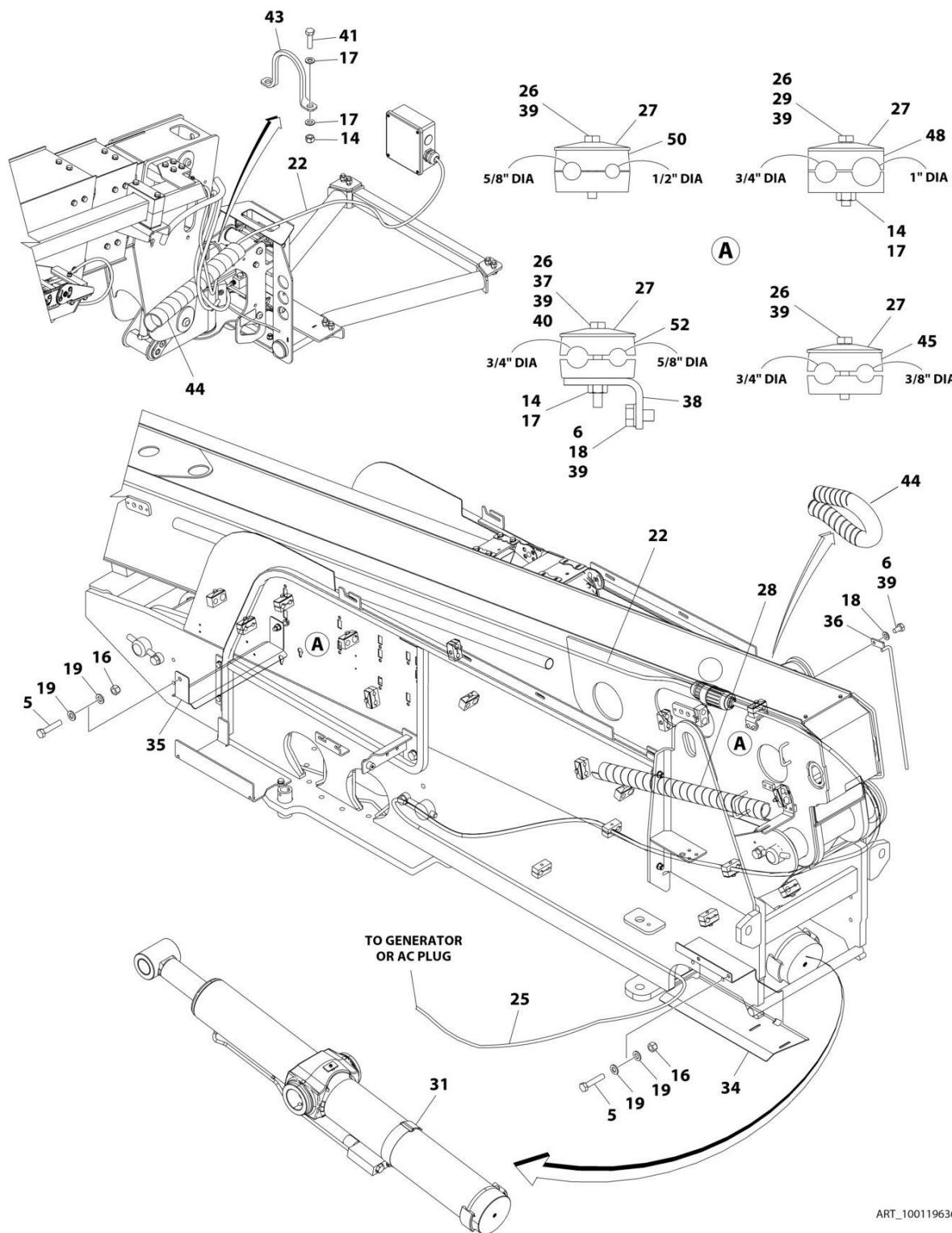
SECTION 8 - ELECTRICAL

FIGURE 8-18. AC CABLES AND CLAMPS INSTALLATION - 600S WITHOUT GENERATOR (ANSI, CSA AND JAPANESE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001193207	Ref	AC CABLES AND CLAMPS INSTALLATION	
1	1001211585	1	Bracket	K
5	0761009	3	Bolt M10 x 18	
12	3290805	4	Nut M8	
14	4811900	5	Washer M8	
15	4812000	3	Washer M10	
16	1001146588	4	Tie-Strap (Not Shown)	
18	1001229637	1	Bracket	
19	0701220	4	Bolt M12 x 60	
20	3291205	4	Nut M12	
21	4812100	8	Washer M12	
24	0700818	16	Bolt M8 x 50	
25	0700822	2	Bolt M8 x 70	
26	0760814	2	Bolt M8 x 30	
27	77133137	19	Cover, Clamp	
28	1001204690	1	Shield, Tube	
29	5281918	1	Capscrew M8 x 70	
31	1001143645	2	Strap, Cinch	
34	1001199881	1	Support	
35	1001201342	1	Support	
36	1001202936	1	Guide	
37	0100011	AR	Compound, Locking	
38	3841340	1	Loop, Hose	
39	4240018	3	Tie-Strap (Not Shown)	
40	1001181923	AR	Shield, Tube	
41	1001209948	3	Clamp	
43	1001209951	6	Clamp	
45	1001209953	3	Clamp	
46	4240099	2	Tie-Strap (Not Shown)	
50	1001195227	1	AC Ground to Platform Cable (Upper)	
50	1001120204	1	Plug, Male	
51	1001195525	1	AC Ground to Platform Cable (Lower)	
51	1001120205	1	Receptacle, Female	
52	1001209949	3	Clamp	
53	1001228809	4	Clamp	

SECTION 8 - ELECTRICAL

FIGURE 8-19. AC CABLES AND CLAMPS INSTALLATION - 600S WITHOUT GENERATOR (ANSI EXPORT, CE AND CHINA SPECS)



ART_1001196366

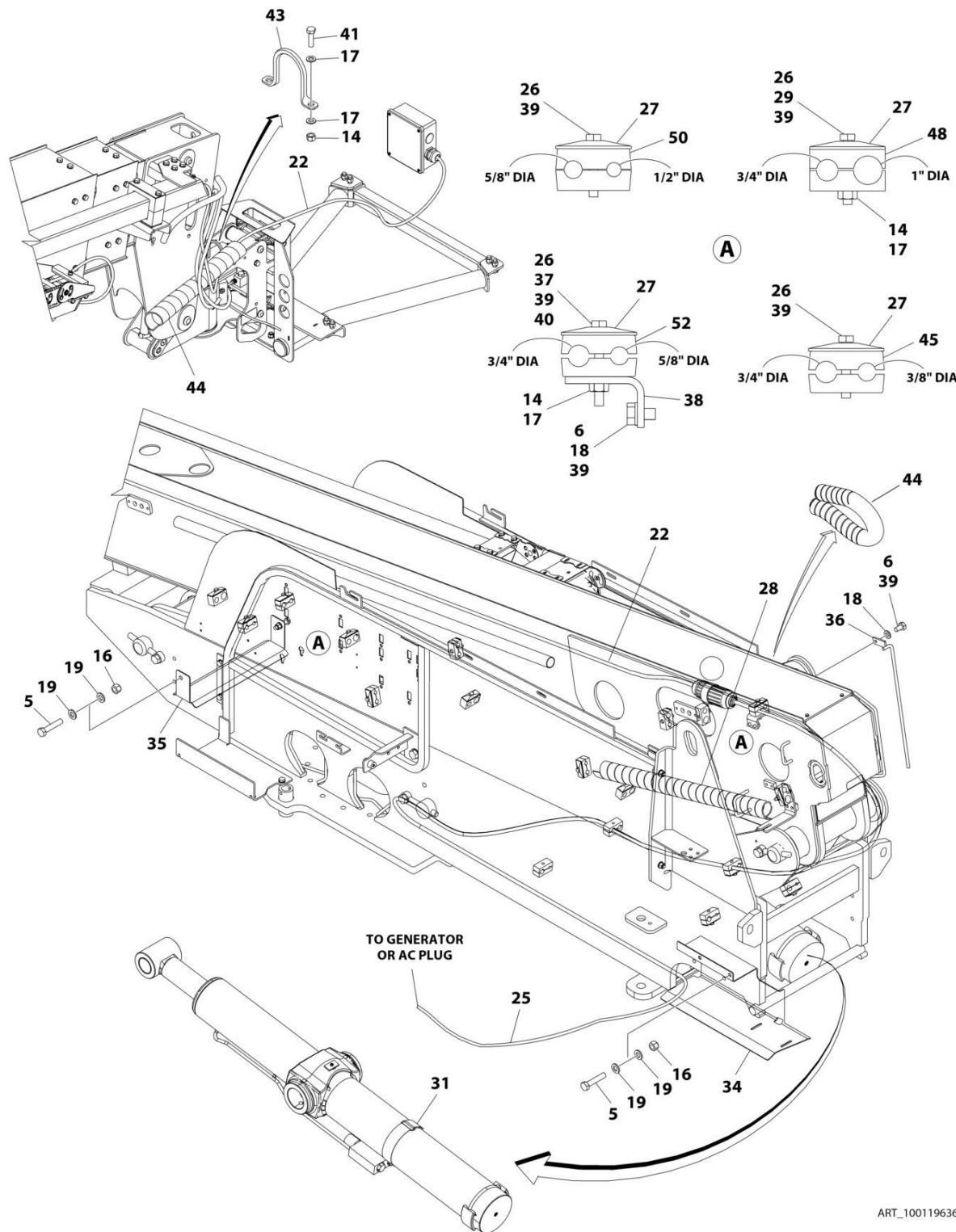
SECTION 8 - ELECTRICAL

FIGURE 8-19. AC CABLES AND CLAMPS INSTALLATION - 600S WITHOUT GENERATOR (ANSI EXPORT, CE AND CHINA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196366	Ref	AC CABLES AND CLAMPS INSTALLATION	I
5	0701220	4	Bolt M12 x 60	
6	0761009	2	Bolt M10 x 18	
14	3290805	4	Nut M8	
16	3291205	4	Nut M12	
17	4811900	5	Washer M8	
18	4812000	3	Washer M10	
19	4812100	8	Washer M12	
20	1001146588	4	Tie-Strap (Not Shown)	
22	1001195225	1	AC Ground to Platform Cable (Upper)	
22	1001214095	1	Plug, Male	
25	1001196368	1	AC Ground to Platform Cable (Lower)	
25	1001214096	1	Receptacle, Female	
26	0700818	16	Bolt M8 x 50	
27	77133137	19	Cover, Clamp	
28	1001204690	1	Shield, Tube	
29	5281918	1	Capscrew M8 x 70	
31	1001143645	2	Strap, Cinch	
34	1001199881	1	Support	
35	1001201342	1	Support	
36	1001202936	1	Guide	
37	0700822	1	Bolt M8 x 70	
38	1001229637	1	Bracket	
39	0100011	AR	Compound, Locking	
40	0760822	1	Bolt M8 x 70	
41	0760814	2	Bolt M8 x 30	
42	4240018	3	Tie-Strap (Not Shown)	
43	3841340	1	Loop, Hose	
44	1001181923	AR	Shield, Tube	
45	1001209948	3	Clamp	
48	1001209951	6	Clamp	
50	1001209953	7	Clamp	
51	4240099	2	Tie-Strap (Not Shown)	
52	1001209949	3	Clamp	

SECTION 8 - ELECTRICAL

FIGURE 8-20. AC CABLES AND CLAMPS INSTALLATION - 600S WITH 2500W GENERATOR (ALL SPECS EXCEPT AUSTRALIAN AND CE SPECS)



ART_1001196366

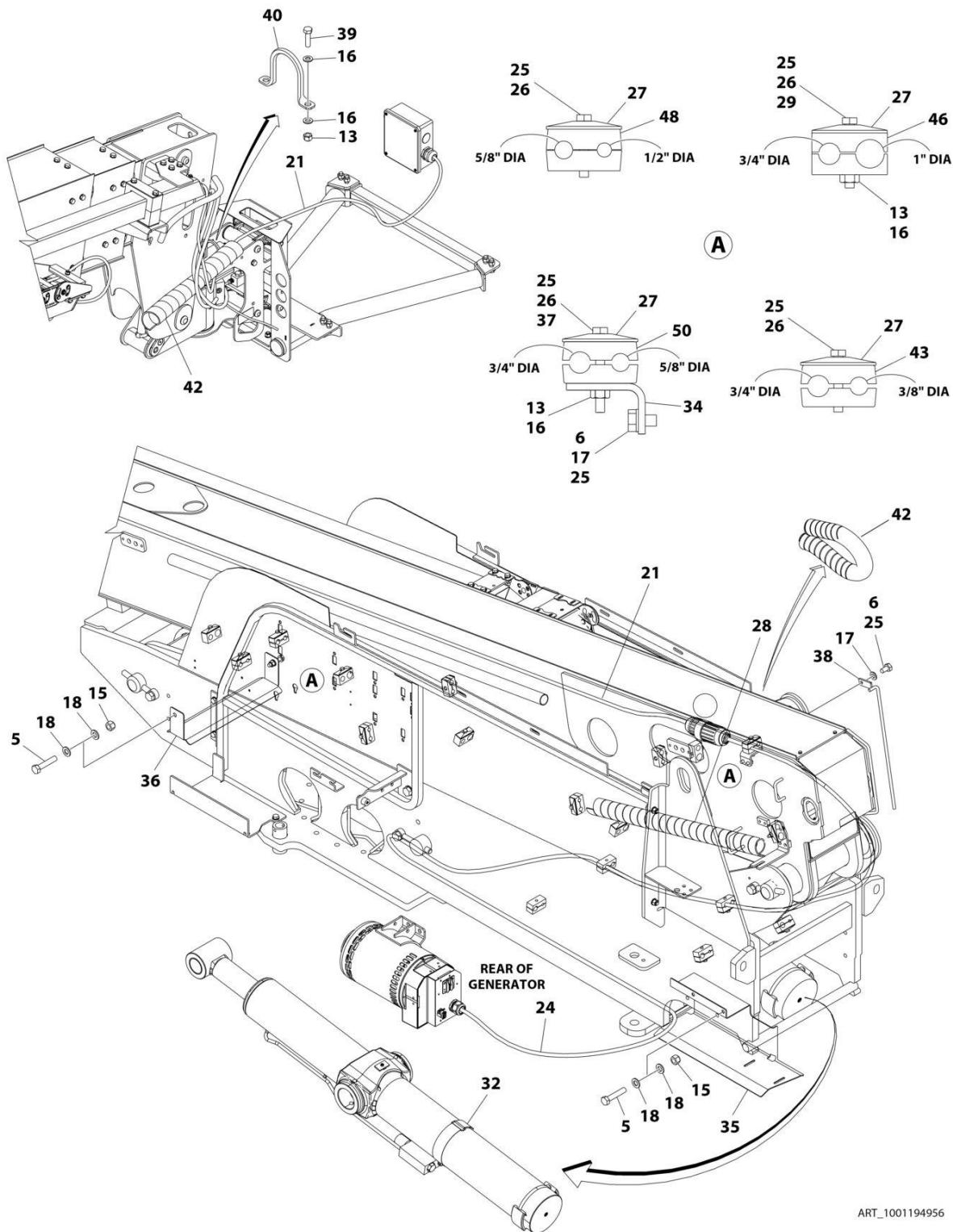
SECTION 8 - ELECTRICAL

FIGURE 8-20. AC CABLES AND CLAMPS INSTALLATION - 600S WITH 2500W GENERATOR (ALL SPECS EXCEPT AUSTRALIAN AND CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196366	Ref	AC CABLES AND CLAMPS INSTALLATION	I
5	0701220	4	Bolt M12 x 60	
6	0761009	2	Bolt M10 x 18	
14	3290805	4	Nut M8	
16	3291205	4	Nut M12	
17	4811900	5	Washer M8	
18	4812000	3	Washer M10	
19	4812100	8	Washer M12	
20	1001146588	4	Tie-Strap (Not Shown)	
22	1001195225	1	AC Ground to Platform Cable (Upper)	
22	1001214095	1	Plug, Male	
25	1001196368	1	AC Ground to Platform Cable (Lower)	
25	1001214096	1	Receptacle, Female	
26	0700818	16	Bolt M8 x 50	
27	77133137	19	Cover, Clamp	
28	1001204690	1	Shield, Tube	
29	5281918	1	Capscrew M8 x 70	
31	1001143645	2	Strap, Cinch	
34	1001199881	1	Support	
35	1001201342	1	Support	
36	1001202936	1	Guide	
37	0700822	1	Bolt M8 x 70	
38	1001229637	1	Bracket	
39	0100011	AR	Compound, Locking	
40	0760822	1	Bolt M8 x 70	
41	0760814	2	Bolt M8 x 30	
42	4240018	3	Tie-Strap (Not Shown)	
43	3841340	1	Loop, Hose	
44	1001181923	AR	Shield, Tube	
45	1001209948	3	Clamp	
48	1001209951	6	Clamp	
50	1001209953	7	Clamp	
51	4240099	2	Tie-Strap (Not Shown)	
52	1001209949	3	Clamp	

SECTION 8 - ELECTRICAL

**FIGURE 8-21. AC CABLES AND CLAMPS INSTALLATION - 600S WITH 4000W/60HZ GENERATOR
(ALL SPECS EXCEPT AUSTRALIAN, CE AND CHINA SPECS)**



ART_1001194956

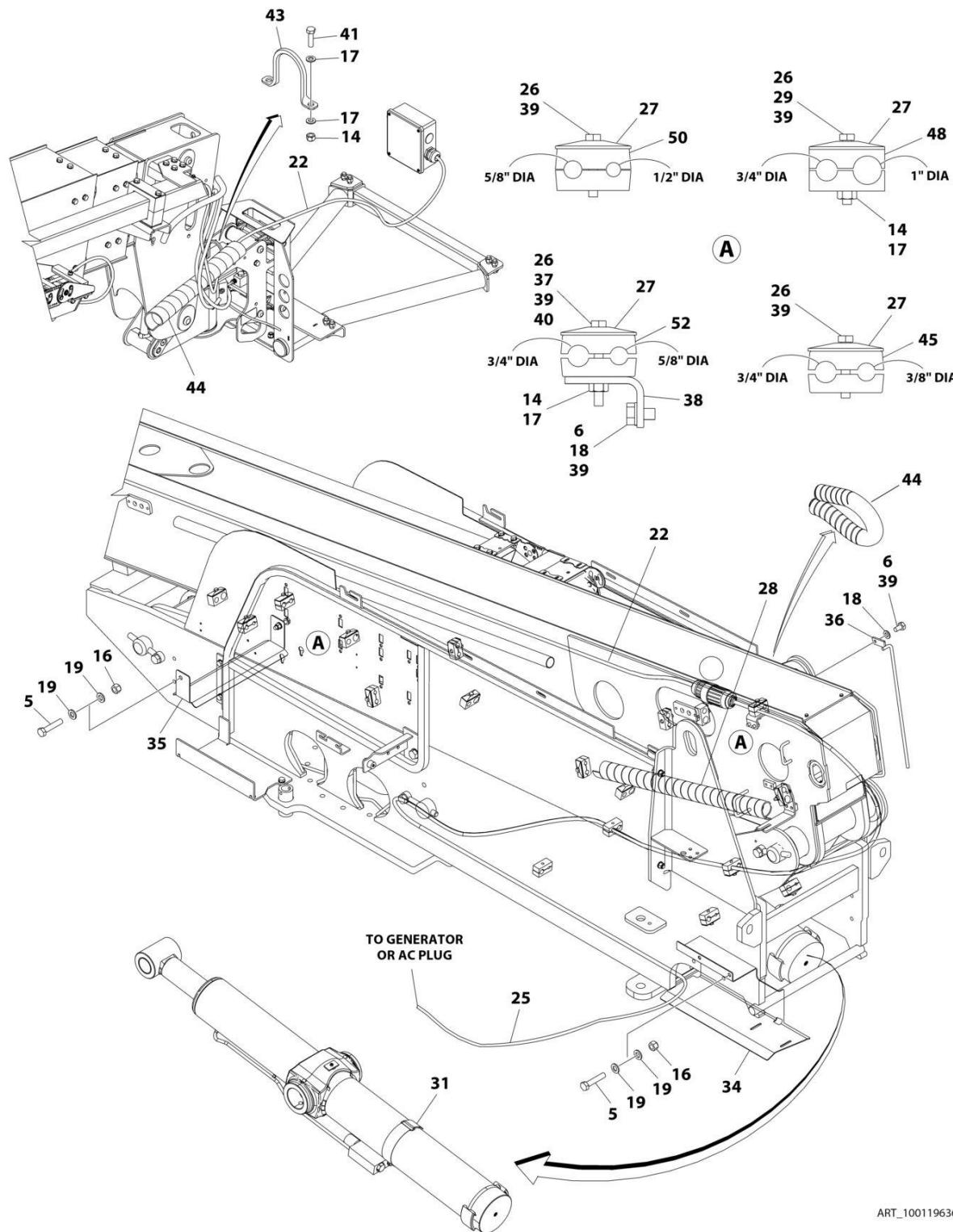
SECTION 8 - ELECTRICAL

**FIGURE 8-21. AC CABLES AND CLAMPS INSTALLATION - 600S WITH 4000W/60HZ GENERATOR
(ALL SPECS EXCEPT AUSTRALIAN, CE AND CHINA SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194956	Ref	AC CABLES AND CLAMPS INSTALLATION	I
5	0701220	4	Bolt M12 x 60	
6	0761009	3	Bolt M10 x 18	
13	3290805	4	Nut M8	
15	3291205	4	Nut M12	
16	4811900	5	Washer M8	
17	4812000	3	Washer M10	
18	4812100	8	Washer M12	
19	1001146588	4	Tie-Strap (Not Shown)	
21	1001228186	1	AC Ground to Platform Cable (Upper)	
21	4460959	1	Plug, Male	
21	1671093	1	Cover, Plug	
24	1001228188	1	AC Ground to Platform Cable (Lower)	
24	4460960	1	Receptacle, Female	
24	1671092	1	Cover, Receptacle	
25	0100011	AR	Compound, Locking	
26	0700818	16	Bolt M8 x 50	
27	77133137	19	Cover, Clamp	
28	1001204690	1	Shield, Tube	
29	5281918	1	Capscrew M8 x 70	
32	1001143645	2	Strap, Cinch	
34	1001229637	1	Bracket	
35	1001199881	1	Support	
36	1001201342	1	Support	
37	0700822	2	Bolt M8 x 70	
38	1001202936	1	Guide	
39	0760814	2	Bolt M8 x 30	
40	3841340	1	Loop, Hose	
41	4240018	3	Tie-Strap (Not Shown)	
42	1001181923	AR	Shield, Tube	
43	1001209948	3	Clamp	
46	1001209951	6	Clamp	
48	1001209953	7	Clamp	
49	4240099	2	Tie-Strap (Not Shown)	
50	1001209949	3	Clamp	

SECTION 8 - ELECTRICAL

**FIGURE 8-22. AC CABLES AND CLAMPS INSTALLATION - 600S WITH 4000W/50HZ GENERATOR
(ANSI EXPORT, CE AND CHINA SPECS)**



ART_1001196366

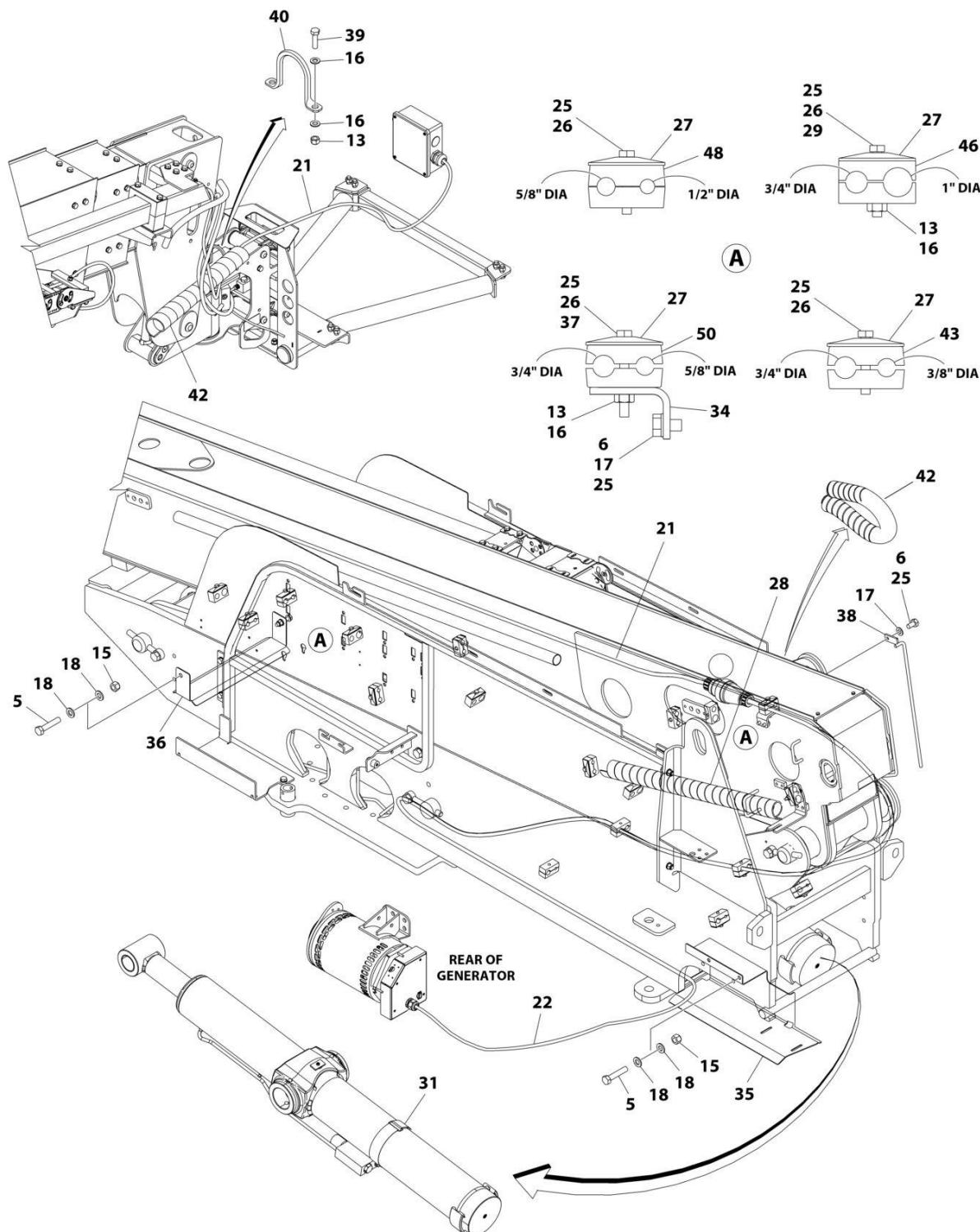
SECTION 8 - ELECTRICAL

**FIGURE 8-22. AC CABLES AND CLAMPS INSTALLATION - 600S WITH 4000W/50HZ GENERATOR
(ANSI EXPORT, CE AND CHINA SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196366	Ref	AC CABLES AND CLAMPS INSTALLATION	I
5	0701220	4	Bolt M12 x 60	
6	0761009	2	Bolt M10 x 18	
14	3290805	4	Nut M8	
16	3291205	4	Nut M12	
17	4811900	5	Washer M8	
18	4812000	3	Washer M10	
19	4812100	8	Washer M12	
20	1001146588	4	Tie-Strap (Not Shown)	
22	1001195225	1	AC Ground to Platform Cable (Upper)	
22	1001214095	1	Plug, Male	
25	1001196368	1	AC Ground to Platform Cable (Lower)	
25	1001214096	1	Receptacle, Female	
26	0700818	16	Bolt M8 x 50	
27	77133137	19	Cover, Clamp	
28	1001204690	1	Shield, Tube	
29	5281918	1	Capscrew M8 x 70	
31	1001143645	2	Strap, Cinch	
34	1001199881	1	Support	
35	1001201342	1	Support	
36	1001202936	1	Guide	
37	0700822	1	Bolt M8 x 70	
38	1001229637	1	Bracket	
39	0100011	AR	Compound, Locking	
40	0760822	1	Bolt M8 x 70	
41	0760814	2	Bolt M8 x 30	
42	4240018	3	Tie-Strap (Not Shown)	
43	3841340	1	Loop, Hose	
44	1001181923	AR	Shield, Tube	
45	1001209948	3	Clamp	
48	1001209951	6	Clamp	
50	1001209953	7	Clamp	
51	4240099	2	Tie-Strap (Not Shown)	
52	1001209949	3	Clamp	

SECTION 8 - ELECTRICAL

FIGURE 8-23. AC CABLES AND CLAMPS INSTALLATION - 600S WITH 7500W SKYPOWER GENERATOR



ART_1001194961

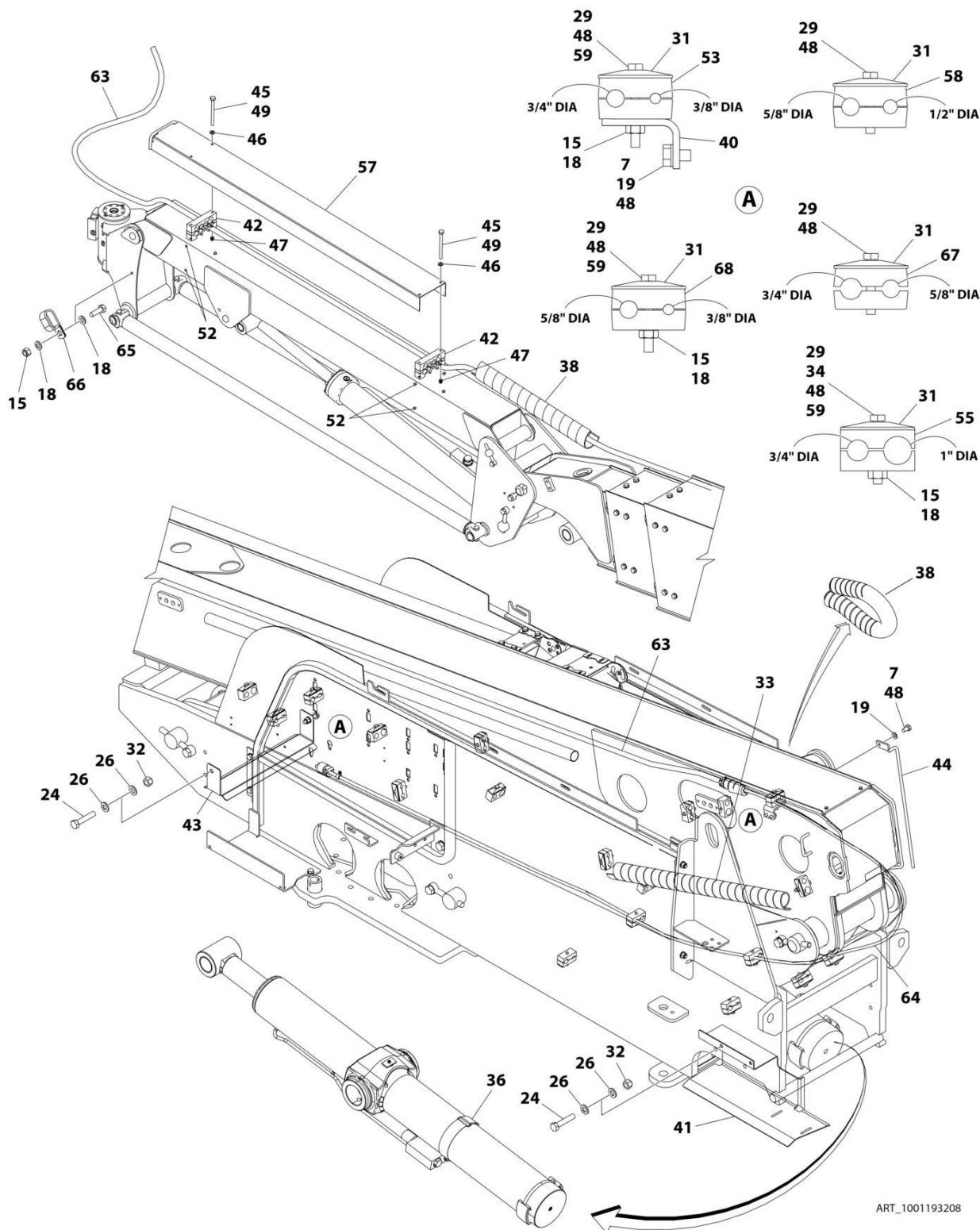
SECTION 8 - ELECTRICAL

FIGURE 8-23. AC CABLES AND CLAMPS INSTALLATION - 600S WITH 7500W SKYPOWER GENERATOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194961	Ref	AC CABLES AND CLAMPS INSTALLATION	
5	0701220	4	Bolt M12 x 60	J
6	0761009	3	Bolt M10 x 18	
13	3290805	4	Nut M8	
15	3291205	4	Nut M12	
16	4811900	5	Washer M8	
17	4812000	3	Washer M10	
18	4812100	8	Washer M12	
19	1001146588	4	Tie-Strap (Not Shown)	
21	1001195229	1	AC Ground to Platform Cable (Upper)	
21	4460959	1	Plug, Male	
21	1671093	1	Cover, Plug	
22	1001195357	1	AC Ground to Platform Cable (Lower)	
22	4460960	1	Receptacle, Female	
22	1671092	1	Cover, Female	
25	0100011	AR	Compound, Locking	
26	0700818	16	Bolt M8 x 50	
27	77133137	19	Cover, Clamp	
28	1001204690	1	Shield, Tube	
29	5281918	1	Capscrew M8 x 70	
31	1001143645	2	Strap, Cinch	
34	1001229637	1	Bracket	
35	1001199881	1	Support	
36	1001201342	1	Support	
37	0700822	2	Bolt M8 x 70	
38	1001202936	1	Guide	
39	0760814	2	Bolt M8 x 30	
40	3841340	1	Loop, Hose	
41	4240018	3	Tie-Strap (Not Shown)	
42	1001181923	AR	Shield, Tube	
43	1001209948	3	Clamp	
46	1001209951	6	Clamp	
48	1001209953	3	Clamp	
49	4240099	2	Tie-Strap (Not Shown)	
50	1001209949	7	Clamp	

SECTION 8 - ELECTRICAL

FIGURE 8-24. AC CABLES AND CLAMPS INSTALLATION - 660SJ WITHOUT GENERATOR (ANSI, CSA AND JAPANESE SPECS)



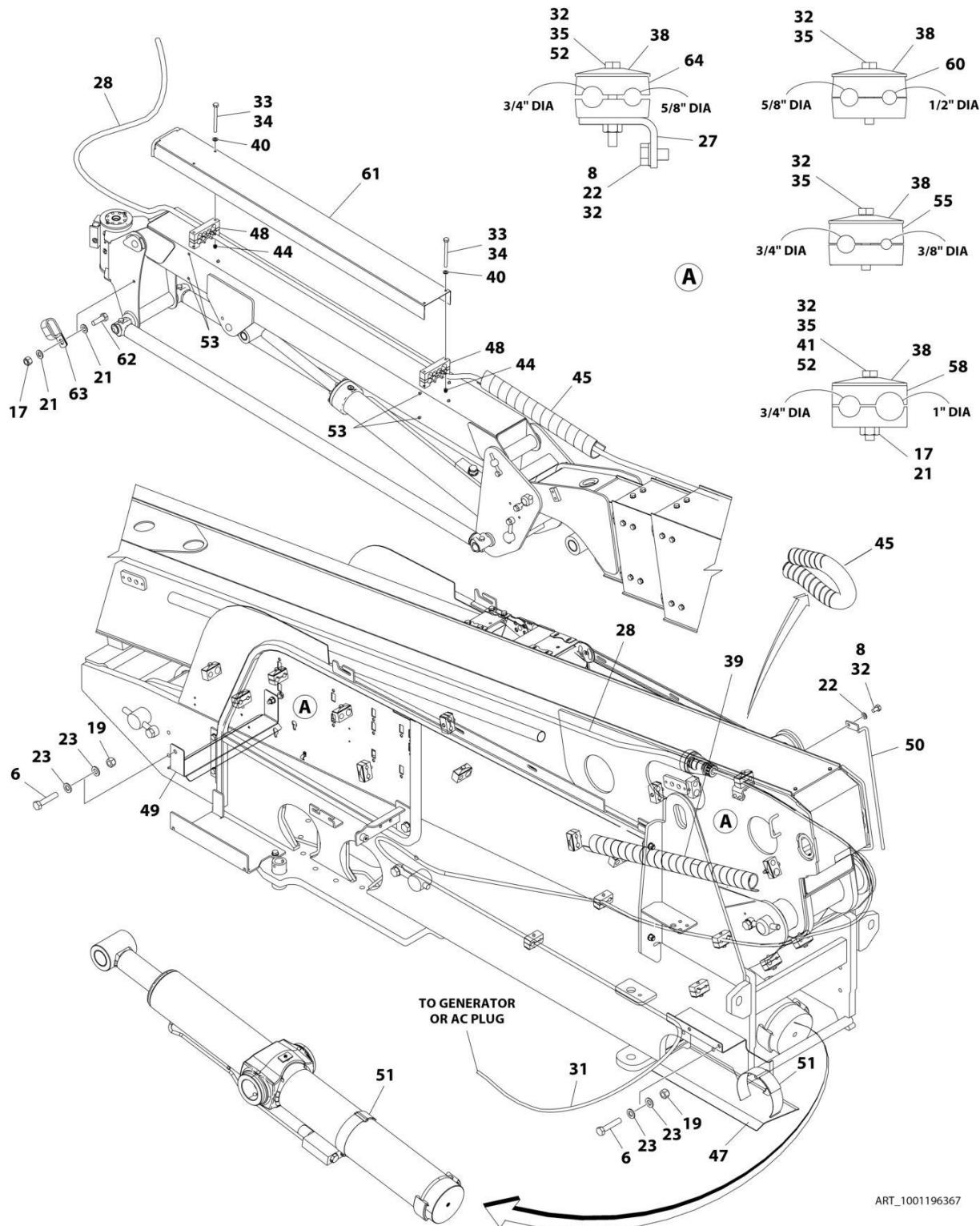
SECTION 8 - ELECTRICAL

FIGURE 8-24. AC CABLES AND CLAMPS INSTALLATION - 660SJ WITHOUT GENERATOR (ANSI, CSA AND JAPANESE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001193208	Ref	AC CABLES AND CLAMPS INSTALLATION	
7	0761009	3	Bolt M10 x 18	K
15	3290805	3	Nut M8	
18	4811900	3	Washer M8	
19	4812000	3	Washer M10	
20	1001146588	4	Tie-Strap (Not Shown)	
24	0701220	4	Bolt M12 x 60	
26	4812100	8	Washer M12	
29	0700818	16	Bolt M8 x 50	
31	77133137	19	Cover, Clamp	
32	3291205	4	Nut M12	
33	1001204690	1	Shield, Tube	
34	5281918	1	Capscrew M8 x 70	
36	1001143645	2	Strap, Cinch	
38	1001181923	AR	Shield, Tube	
40	1001229637	1	Bracket	
41	1001199881	1	Support	
42	1001201090	2	Block, Clamp	
43	1001201342	1	Support	
44	1001202936	1	Guide	
45	0641424	4	Bolt 1/4 x 3	
46	4811700	4	Washer M6	
47	2080044	4	Rivet - Nut 1/4	
48	0100011	AR	Compound, Locking	
49	0100035	AR	Compound, Locking	
51	4240018	4	Tie-Strap (Not Shown)	
52	3520034	8	Plug	
53	1001209948	3	Clamp	
55	1001209951	6	Clamp	
57	1001209957	1	Cover	
58	1001209953	3	Clamp	
59	0700822	2	Bolt M8 x 70	
63	1001195228	1	AC Ground to Platform Cable (Upper)	
63	1001120204	1	Plug, Male	
64	1001195525	1	AC Ground to Platform Cable (Lower)	
64	1001120205	1	Receptacle, Female	
65	0760812	1	Bolt M8 x 25	
66	1001116792	1	Clamp	
67	1001209949	3	Clamp	
68	1001228809	4	Clamp	

SECTION 8 - ELECTRICAL

FIGURE 8-25. AC CABLES AND CLAMPS INSTALLATION - 660SJ WITHOUT GENERATOR (ANSI EXPORT, AUSTRALIAN, CE AND CHINA SPECS)



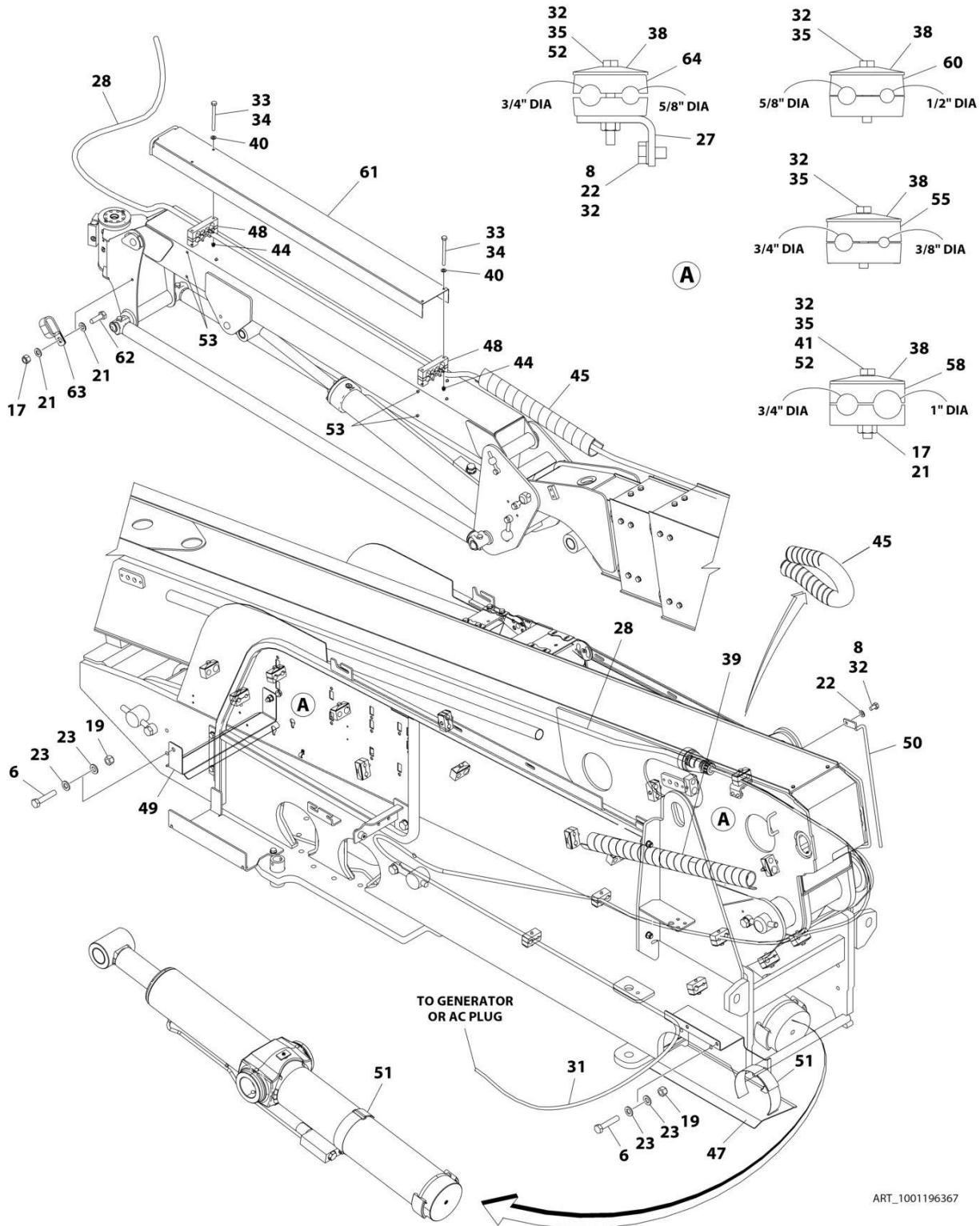
SECTION 8 - ELECTRICAL

FIGURE 8-25. AC CABLES AND CLAMPS INSTALLATION - 660SJ WITHOUT GENERATOR (ANSI EXPORT, AUSTRALIAN, CE AND CHINA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196367	Ref	AC CABLES AND CLAMPS INSTALLATION	I
6	0701220	4	Bolt M12 x 60	
8	0761009	3	Bolt M10 x 18	
17	3290805	4	Nut M8	
19	3291205	4	Nut M12	
21	4811900	5	Washer M8	
22	4812000	3	Washer M10	
23	4812100	8	Washer M12	
24	1001146588	4	Tie-Strap (Not Shown)	
27	1001229637	1	Bracket	
28	1001195226	1	AC Ground to Platform Cable (Upper)	
28	1001214095	1	Plug, Male	
31	1001196368	1	AC Ground to Platform Cable (Lower)	
31	1001214096	1	Receptacle, Female	
32	0100011	AR	Compound, Locking	
33	0100035	AR	Compound, Locking	
34	0641424	4	Bolt 1/4 x 3	
35	0700818	16	Bolt M8 x 50	
38	77133137	19	Cover, Clamp	
39	1001204690	1	Shield, Tube	
40	4811700	4	Washer M6	
41	5281918	1	Capscrew M8 x 70	
44	2080044	4	Rivet - Nut 1/4	
45	1001181923	AR	Shield, Tube	
47	1001199881	1	Support	
48	1001201090	2	Block, Clamp	
49	1001201342	1	Support	
50	1001202936	1	Guide	
51	1001143645	2	Strap, Cinch	
52	0700822	2	Bolt M8 x 70	
53	3520034	8	Plug	
54	4240018	4	Tie-Strap (Not Shown)	
55	1001209948	3	Clamp	
58	1001209951	6	Clamp	
60	1001209953	7	Clamp	
61	1001209957	1	Cover	
62	0760812	1	Bolt M8 x 25	
63	1001116792	1	Clamp	
64	1001209949	3	Clamp	

SECTION 8 - ELECTRICAL

FIGURE 8-26. AC CABLES AND CLAMPS INSTALLATION - 660SJ WITH 2500W GENERATOR (ALL SPECS EXCEPT CE SPECS)



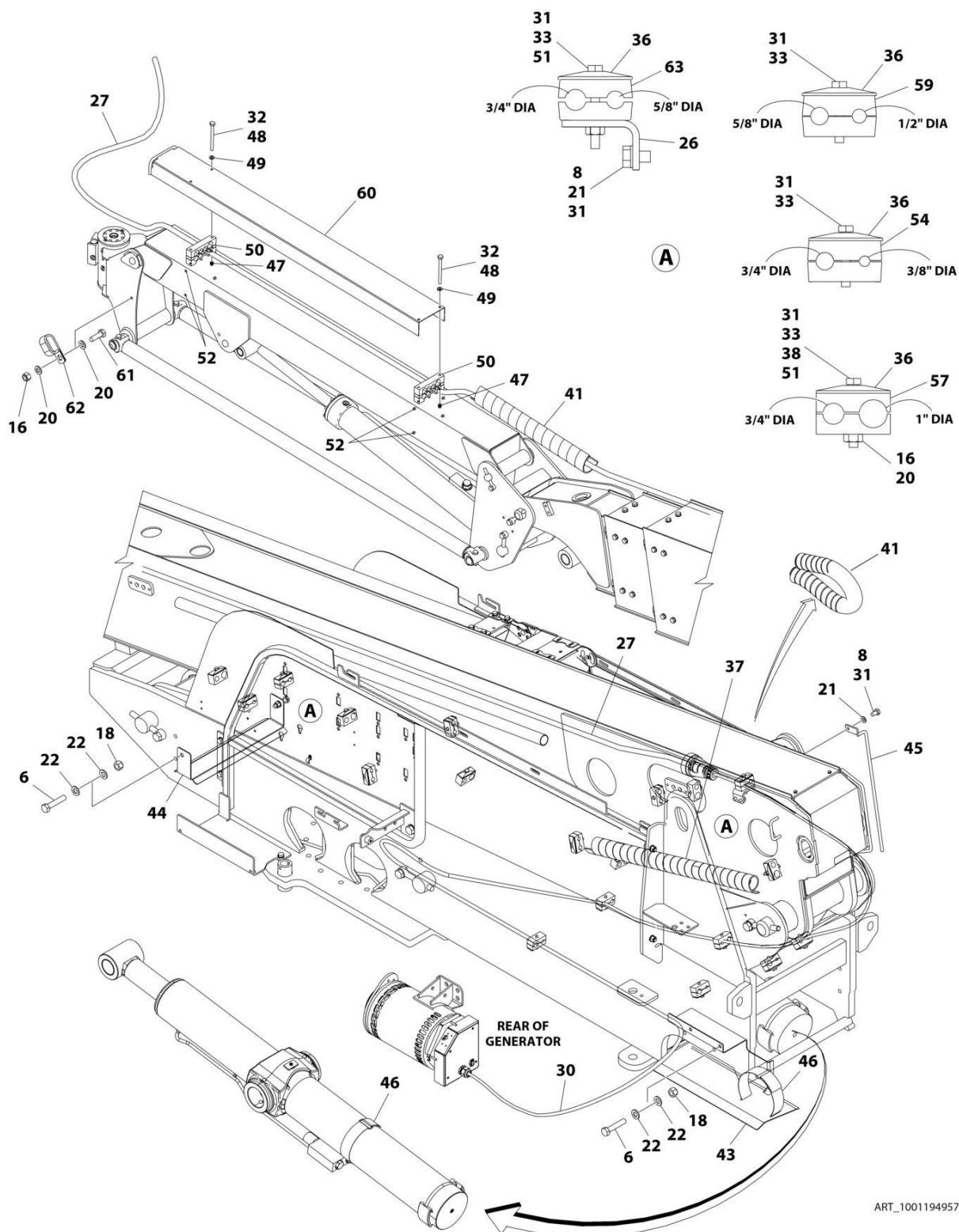
SECTION 8 - ELECTRICAL

FIGURE 8-26. AC CABLES AND CLAMPS INSTALLATION - 660SJ WITH 2500W GENERATOR (ALL SPECS EXCEPT CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196367	Ref	AC CABLES AND CLAMPS INSTALLATION	I
6	0701220	4	Bolt M12 x 60	
8	0761009	3	Bolt M10 x 18	
17	3290805	4	Nut M8	
19	3291205	4	Nut M12	
21	4811900	5	Washer M8	
22	4812000	3	Washer M10	
23	4812100	8	Washer M12	
24	1001146588	4	Tie-Strap (Not Shown)	
27	1001229637	1	Bracket	
28	1001195226	1	AC Ground to Platform Cable (Upper)	
28	1001214095	1	Plug, Male	
31	1001196368	1	AC Ground to Platform Cable (Lower)	
31	1001214096	1	Receptacle, Female	
32	0100011	AR	Compound, Locking	
33	0100035	AR	Compound, Locking	
34	0641424	4	Bolt 1/4 x 3	
35	0700818	16	Bolt M8 x 50	
38	77133137	19	Cover, Clamp	
39	1001204690	1	Shield, Tube	
40	4811700	4	Washer M6	
41	5281918	1	Capscrew M8 x 70	
44	2080044	4	Rivet - Nut 1/4	
45	1001181923	AR	Shield, Tube	
47	1001199881	1	Support	
48	1001201090	2	Block, Clamp	
49	1001201342	1	Support	
50	1001202936	1	Guide	
51	1001143645	2	Strap, Cinch	
52	0700822	2	Bolt M8 x 70	
53	3520034	8	Plug	
54	4240018	4	Tie-Strap (Not Shown)	
55	1001209948	3	Clamp	
58	1001209951	6	Clamp	
60	1001209953	7	Clamp	
61	1001209957	1	Cover	
62	0760812	1	Bolt M8 x 25	
63	1001116792	1	Clamp	
64	1001209949	3	Clamp	

SECTION 8 - ELECTRICAL

**FIGURE 8-27. AC CABLES AND CLAMPS INSTALLATION - 660SJ WITH 4000W/60HZ GENERATOR
(ALL SPECS EXCEPT AUSTRALIAN, CE AND CHINA SPECS)**



ART 1001194957

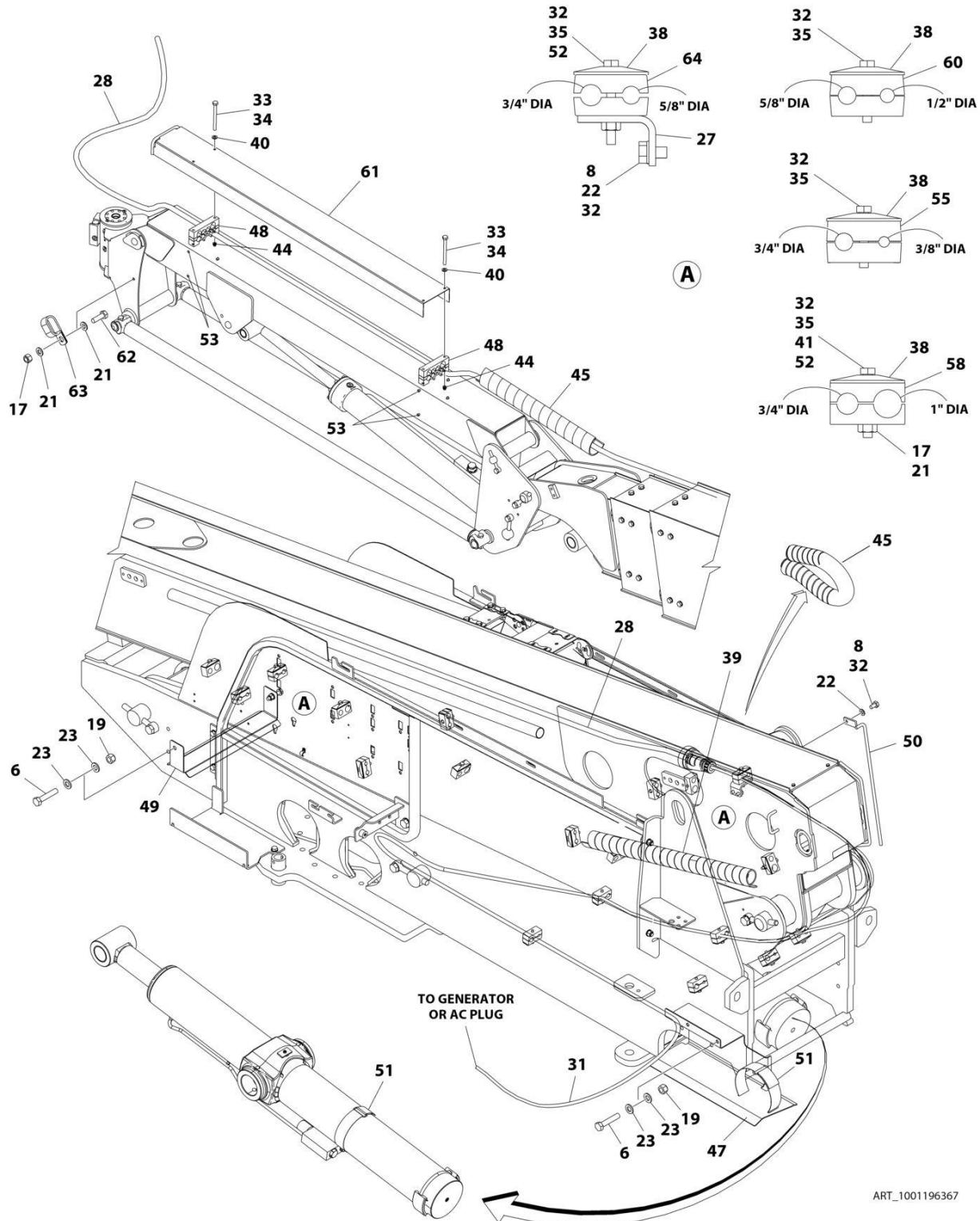
SECTION 8 - ELECTRICAL

**FIGURE 8-27. AC CABLES AND CLAMPS INSTALLATION - 660SJ WITH 4000W/60HZ GENERATOR
(ALL SPECS EXCEPT AUSTRALIAN, CE AND CHINA SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194957	Ref	AC CABLES AND CLAMPS INSTALLATION	I
6	0701220	4	Bolt M12 x 60	
8	0761009	3	Bolt M10 x 18	
16	3290805	4	Nut M8	
18	3291205	4	Nut M12	
20	4811900	5	Washer M8	
21	4812000	3	Washer M10	
22	4812100	8	Washer M12	
23	1001146588	4	Tie-Strap (Not Shown)	
26	1001229637	1	Bracket	
27	1001228187	1	AC Ground to Platform Cable (Upper)	
27	4460959	1	Plug, Male	
27	1671093	1	Cover, Plug	
30	1001228188	1	AC Ground to Platform Cable (Lower)	
30	4460960	1	Receptacle, Female	
30	1671092	1	Cover, Receptacle	
31	0100011	AR	Compound, Locking	
32	0100035	AR	Compound, Locking	
33	0700818	16	Bolt M8 x 50	
36	77133137	19	Cover, Clamp	
37	1001204690	1	Shield, Tube	
38	5281918	1	Capscrew M8 x 70	
41	1001181923	AR	Shield, Tube	
43	1001199881	1	Support	
44	1001201342	1	Support	
45	1001202936	1	Guide	
46	1001143645	2	Strap, Cinch	
47	2080044	4	Rivet - Nut 1/4	
48	0641424	4	Bolt 1/4 x 3	
49	4811700	4	Washer M6	
50	1001201090	2	Block, Clamp	
51	0700822	2	Bolt M8 x 70	
52	3520034	8	Plug	
53	4240018	4	Tie-Strap (Not Shown)	
54	1001209948	3	Clamp	
57	1001209951	6	Clamp	
59	1001209953	7	Clamp	
60	1001209957	1	Cover	
61	0760812	1	Bolt M8 x 25	
62	1001116792	1	Clamp	
63	1001209949	3	Clamp	

SECTION 8 - ELECTRICAL

**FIGURE 8-28. AC CABLES AND CLAMPS INSTALLATION - 660SJ WITH 4000W/50HZ GENERATOR
(ANSI EXPORT, AUSTRALIAN AND CE SPECS)**



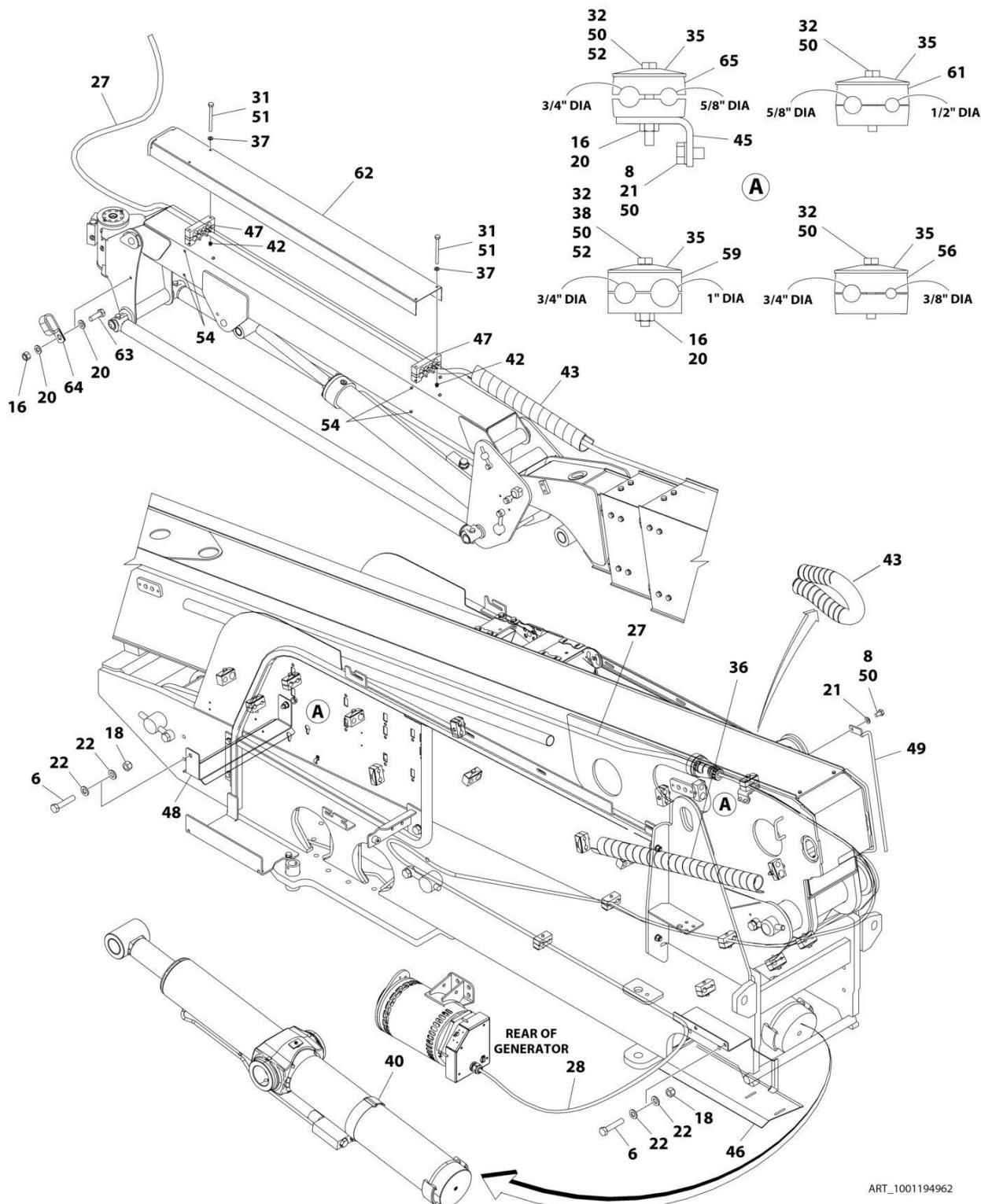
SECTION 8 - ELECTRICAL

**FIGURE 8-28. AC CABLES AND CLAMPS INSTALLATION - 660SJ WITH 4000W/50HZ GENERATOR
(ANSI EXPORT, AUSTRALIAN AND CE SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196367	Ref	AC CABLES AND CLAMPS INSTALLATION	I
6	0701220	4	Bolt M12 x 60	
8	0761009	3	Bolt M10 x 18	
17	3290805	4	Nut M8	
19	3291205	4	Nut M12	
21	4811900	5	Washer M8	
22	4812000	3	Washer M10	
23	4812100	8	Washer M12	
24	1001146588	4	Tie-Strap (Not Shown)	
27	1001229637	1	Bracket	
28	1001195226	1	AC Ground to Platform Cable (Upper)	
28	1001214095	1	Plug, Male	
31	1001196368	1	AC Ground to Platform Cable (Lower)	
31	1001214096	1	Receptacle, Female	
32	0100011	AR	Compound, Locking	
33	0100035	AR	Compound, Locking	
34	0641424	4	Bolt 1/4 x 3	
35	0700818	16	Bolt M8 x 50	
38	77133137	19	Cover, Clamp	
39	1001204690	1	Shield, Tube	
40	4811700	4	Washer M6	
41	5281918	1	Capscrew M8 x 70	
44	2080044	4	Rivet - Nut 1/4	
45	1001181923	AR	Shield, Tube	
47	1001199881	1	Support	
48	1001201090	2	Block, Clamp	
49	1001201342	1	Support	
50	1001202936	1	Guide	
51	1001143645	2	Strap, Cinch	
52	0700822	2	Bolt M8 x 70	
53	3520034	8	Plug	
54	4240018	4	Tie-Strap (Not Shown)	
55	1001209948	3	Clamp	
58	1001209951	6	Clamp	
60	1001209953	7	Clamp	
61	1001209957	1	Cover	
62	0760812	1	Bolt M8 x 25	
63	1001116792	1	Clamp	
64	1001209949	3	Clamp	

SECTION 8 - ELECTRICAL

FIGURE 8-29. AC CABLES AND CLAMPS INSTALLATION - 660SJ WITH 7500W SKYPOWER GENERATOR



ART_1001194962

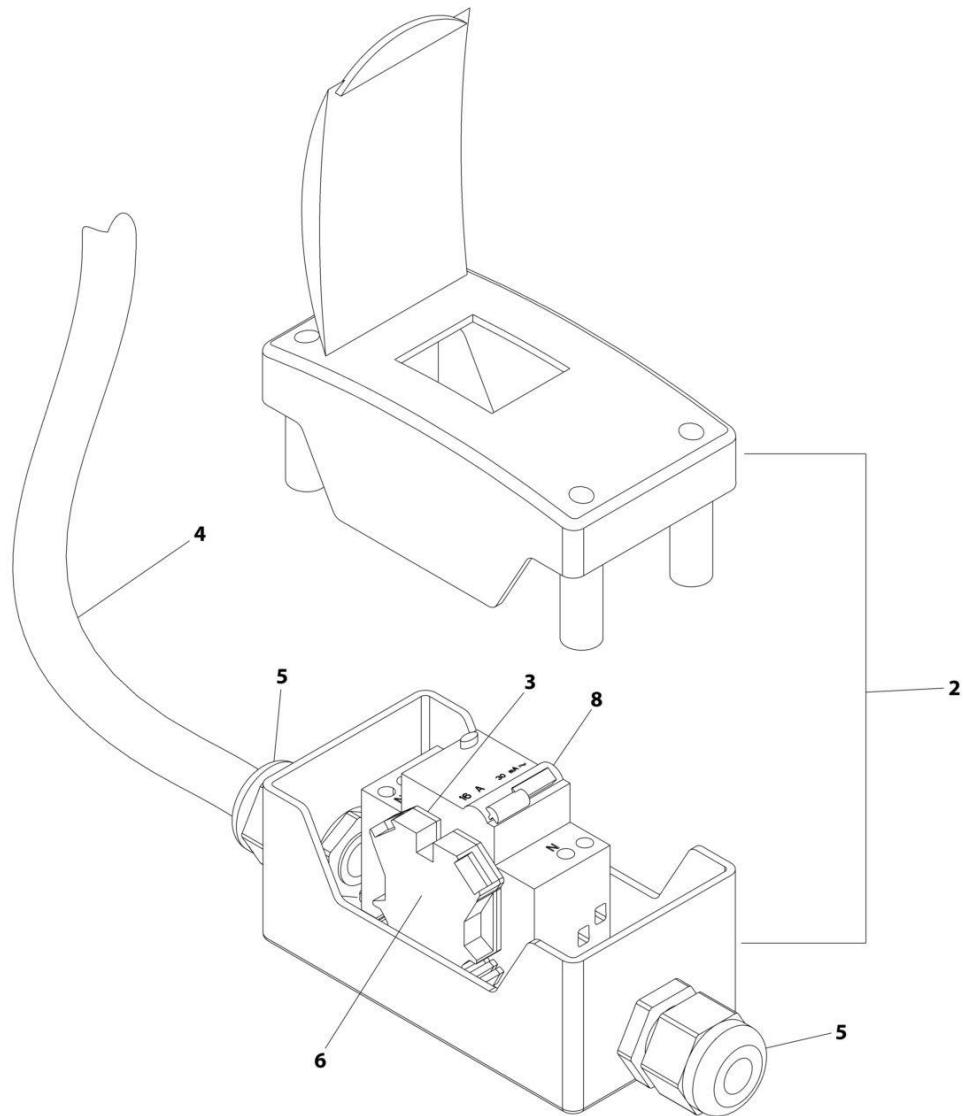
SECTION 8 - ELECTRICAL

FIGURE 8-29. AC CABLES AND CLAMPS INSTALLATION - 660SJ WITH 7500W SKYPOWER GENERATOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194962	Ref	AC CABLES AND CLAMPS INSTALLATION	
6	0701220	4	Bolt M12 x 60	J
8	0761009	3	Bolt M10 x 18	
16	3290805	4	Nut M8	
18	3291205	4	Nut M12	
20	4811900	5	Washer M8	
21	4812000	3	Washer M10	
22	4812100	8	Washer M12	
23	1001146588	4	Tie-Strap (Not Shown)	
27	1001227075	1	AC Ground to Platform Cable (Upper)	
27	4460959	1	Plug, Male	
27	1671093	1	Cover, Plug	
28	1001226304	1	AC Ground to Platform Cable (Lower)	
28	4460960	1	Receptacle, Female	
28	1671092	1	Cover, Receptacle	
31	0641424	4	Bolt 1/4 x 3	
32	0700818	16	Bolt M8 x 50	
35	77133137	19	Cover, Clamp	
36	1001204690	1	Shield, Tube	
37	4811700	4	Washer M6	
38	5281918	1	Capscrew M8 x 70	
40	1001143645	2	Strap, Cinch	
42	2080044	4	Rivet - Nut 1/4	
43	1001181923	AR	Shield, Tube	
45	1001229637	1	Bracket	
46	1001199881	1	Support	
47	1001201090	2	Block, Clamp	
48	1001201342	1	Support	
49	1001202936	1	Guide	
50	0100011	AR	Compound, Locking	
51	0100035	AR	Compound, Locking	
52	0700822	2	Bolt M8 x 70	
54	3520034	8	Plug	
55	4240018	4	Tie-Strap (Not Shown)	
56	1001209948	3	Clamp	
59	1001209951	6	Clamp	
61	1001209953	3	Clamp	
62	1001209957	1	Cover	
63	0760812	1	Bolt M8 x 25	
64	1001116792	1	Clamp	
65	1001209949	7	Clamp	
66	0700819	1	Bolt M8 x 55 (Not Shown)	

SECTION 8 - ELECTRICAL

FIGURE 8-30. BREAKER BOX KIT - SINGLE DOUBLE POLE BREAKER (WITHOUT 4000W/50HZ GENERATOR)



ART_2902549

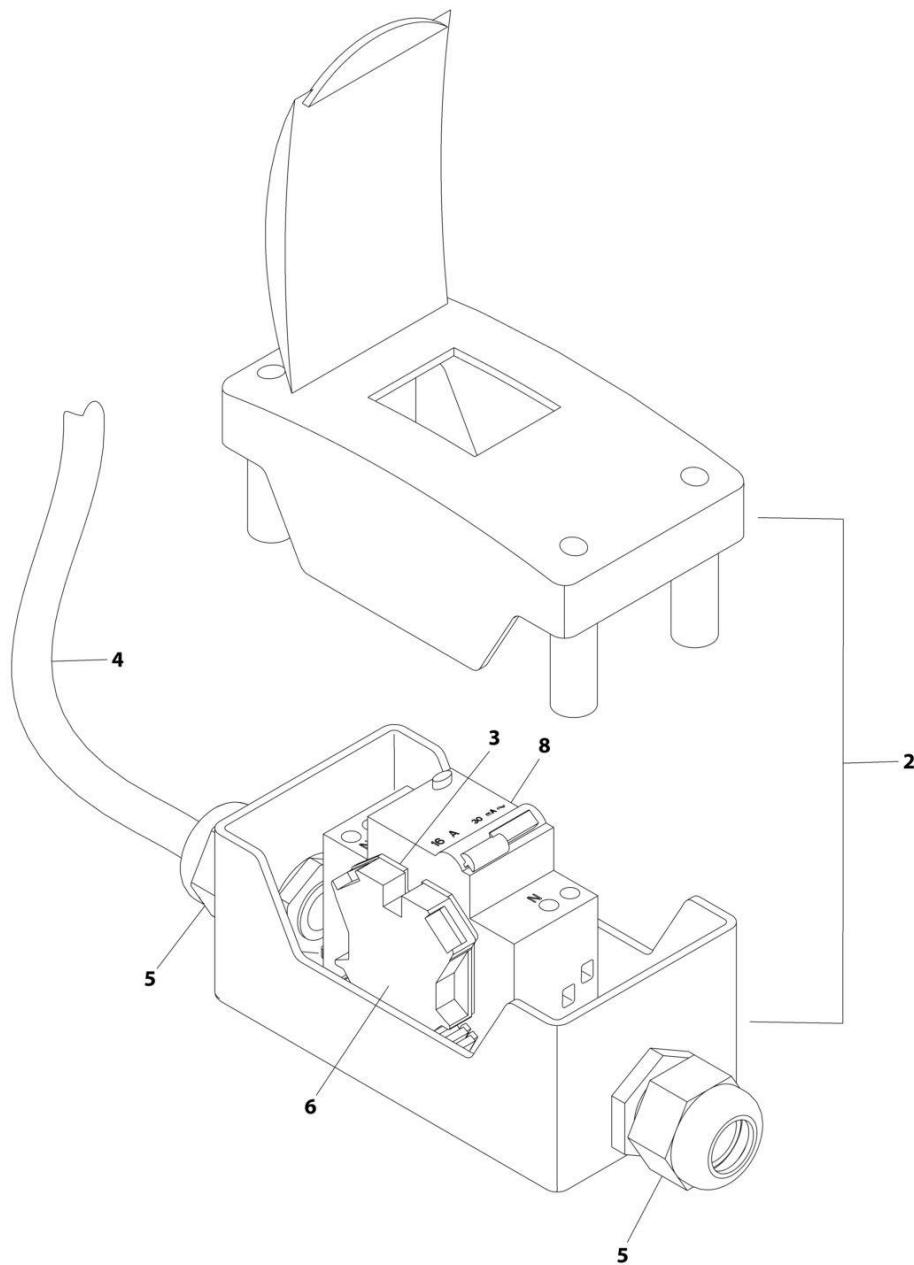
SECTION 8 - ELECTRICAL

FIGURE 8-30. BREAKER BOX KIT - SINGLE DOUBLE POLE BREAKER (WITHOUT 4000W/50HZ GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
2	2902549	Ref	BREAKER BOX KIT	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, 16Amp	

SECTION 8 - ELECTRICAL

FIGURE 8-31. BREAKER BOX KIT - SINGLE DOUBLE POLE BREAKER (WITH 4000W/50HZ GENERATOR)



ART_1001096070

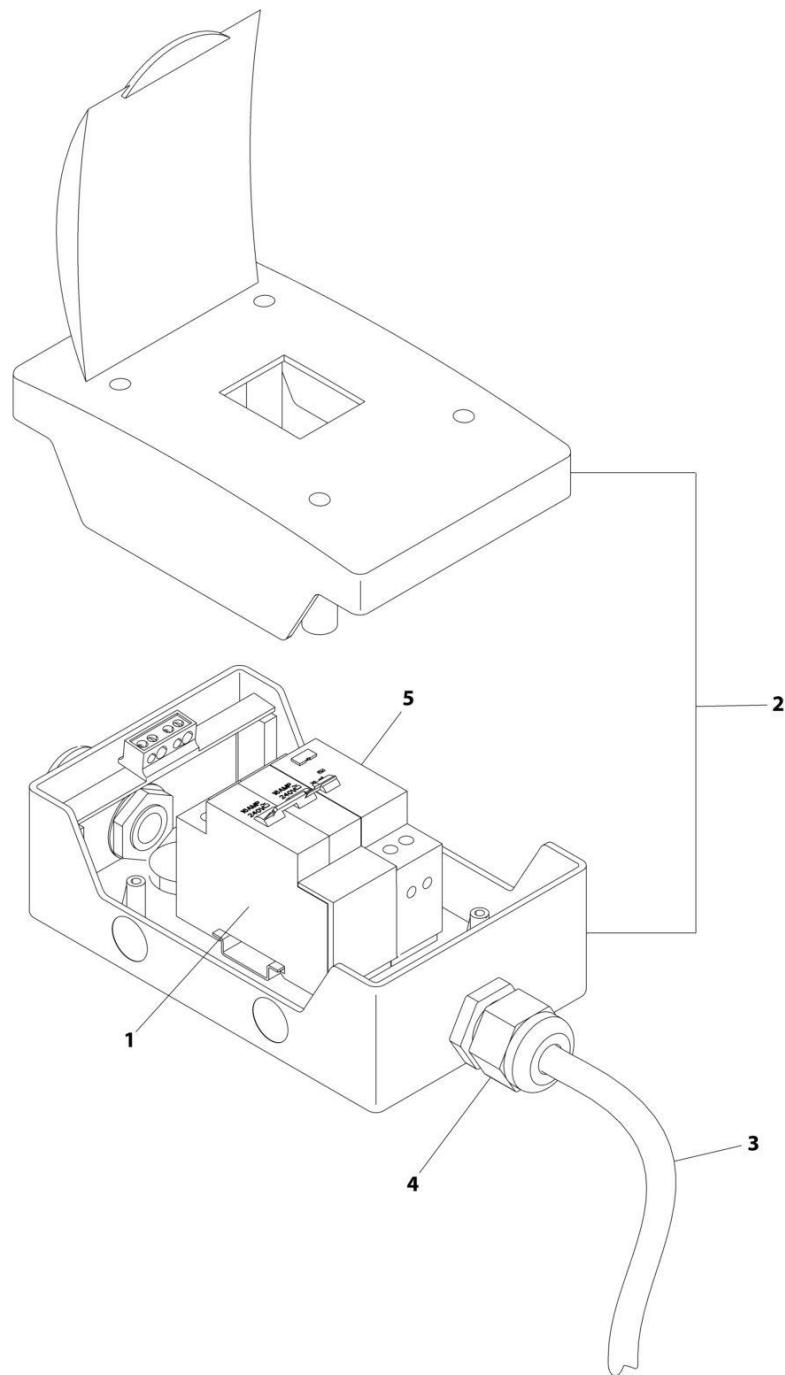
SECTION 8 - ELECTRICAL

FIGURE 8-31. BREAKER BOX KIT - SINGLE DOUBLE POLE BREAKER (WITH 4000W/50HZ GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
2	1001096070	Ref	BREAKER BOX KIT	E
3	0861880	1	Box, Breaker	
4	4460956	1	Barrier, Terminal Block End	
5	1060908	12 ft/3.6m	Cable, Electrical 12/3	
6	1001097150	2	Connector, Strain Relief	
7	4460957	1	Block, Terminal	
8	1001181045	1	Breaker, Double 30mA/16Amp	

SECTION 8 - ELECTRICAL

FIGURE 8-32. BREAKER BOX KIT - 3 BREAKERS (SN 0300235168 through 0300237156)



ART_1001152485

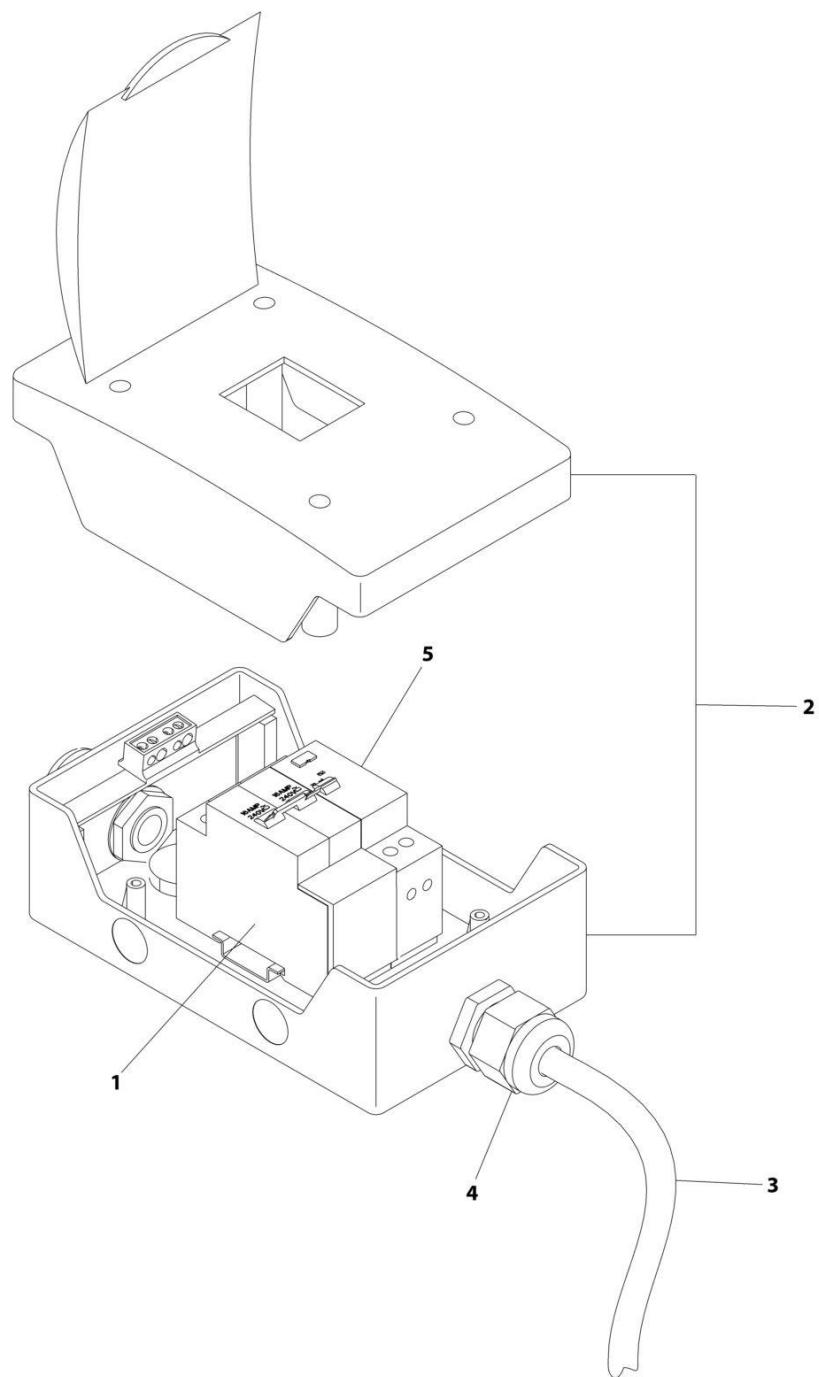
SECTION 8 - ELECTRICAL

FIGURE 8-32. BREAKER BOX KIT - 3 BREAKERS (SN 0300235168 through 0300237156)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001152485	Ref	BREAKER BOX KIT	A
1	1001152479	1	Breaker, 16 Amp (Double)	
2	1001152483	1	Box	
3	1060908	6 ft/1.8m	Cable, 12/3	
4	1001097150	1	Connector, Strain Relief	
5	1001152482	1	Breaker, 30mA	

SECTION 8 - ELECTRICAL

FIGURE 8-33. BREAKER BOX KIT - 3 BREAKERS (SN 0300237157 to Present)



ART_1001152486

SECTION 8 - ELECTRICAL

FIGURE 8-33. BREAKER BOX KIT - 3 BREAKERS (SN 0300237157 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001152486	Ref	BREAKER BOX KIT	A
1	1001152479	1	Breaker, 16 Amp (Double)	
2	1001152483	1	Box	
3	1060908	12 ft/ 3.66m	Cable, 12/3	
4	1001097150	1	Connector, Strain Relief	
5	1001152482	1	Breaker, 30mA	

SECTION 8 - ELECTRICAL

FIGURE 8-34. BOOM ANGLE SENSOR HARNESS



ART_1001189005

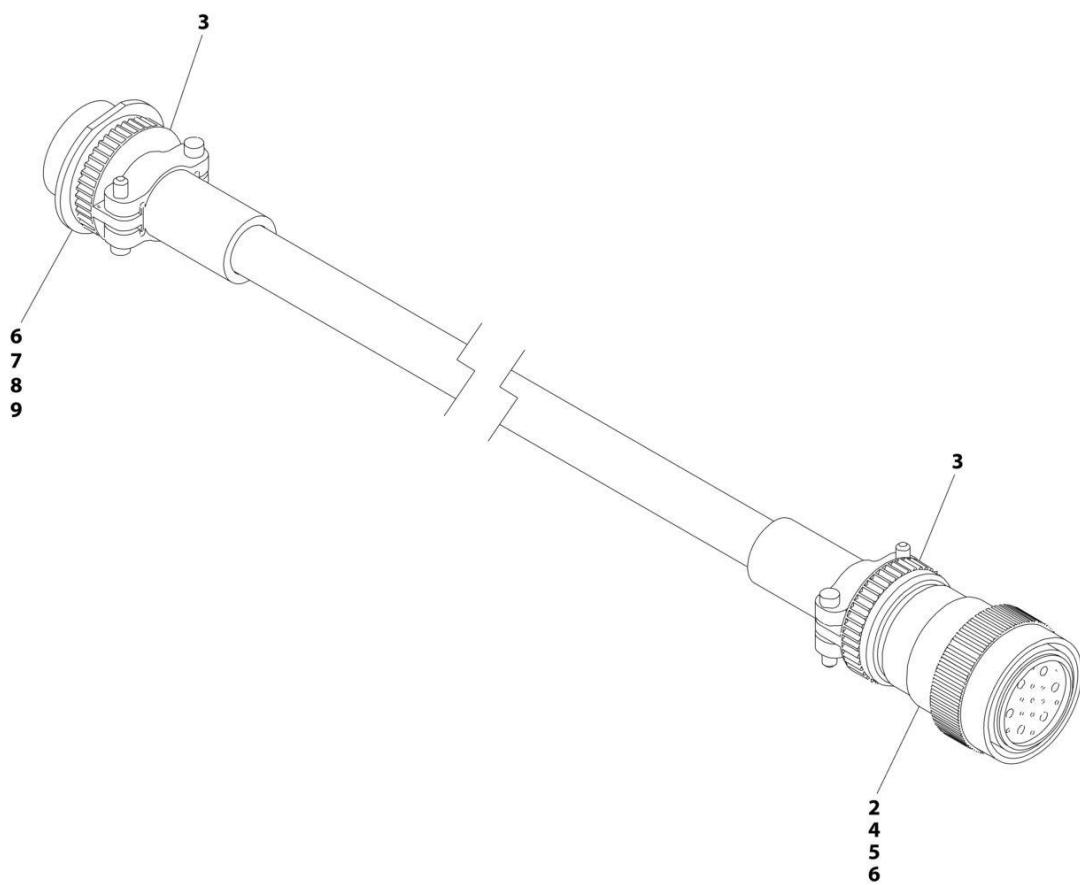
SECTION 8 - ELECTRICAL

FIGURE 8-34. BOOM ANGLE SENSOR HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001189005	Ref	BOOM ANGLE SENSOR HARNESS	
1	1001230931	1	Plug, Male - 6 Position	D
1	1001116748	6	Terminal	
2	4460932	1	Receptacle, Female - 4 Position	
2	4460464	4	Pin, Male	

SECTION 8 - ELECTRICAL

FIGURE 8-35. BOOM CABLE - LOWER



ART_1001206082

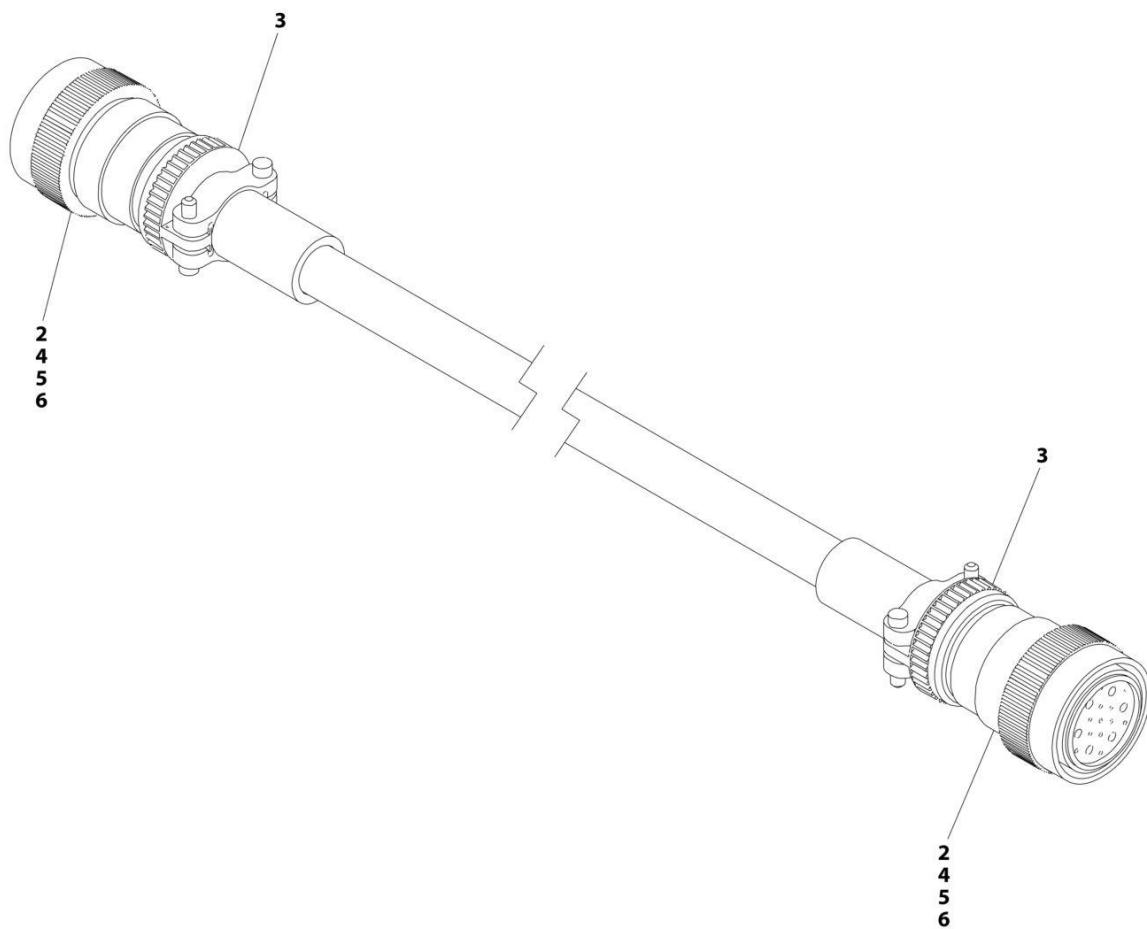
SECTION 8 - ELECTRICAL

FIGURE 8-35. BOOM CABLE - LOWER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206082	Ref	BOOM CABLE	
2	4460865	1	Connector - 19 Position	C
3	4460473	2	Clamp	
4	4460465	10	Socket, Female	
5	4460509	4	Socket, Female	
6	4460466	10	Plug, Socket	
7	4460866	1	Connector - 19 Position	
8	4460508	4	Pin, Male	
9	4460464	10	Pin, Male	

SECTION 8 - ELECTRICAL

FIGURE 8-36. BOOM CABLE - UPPER (600S)



ART_1001188533

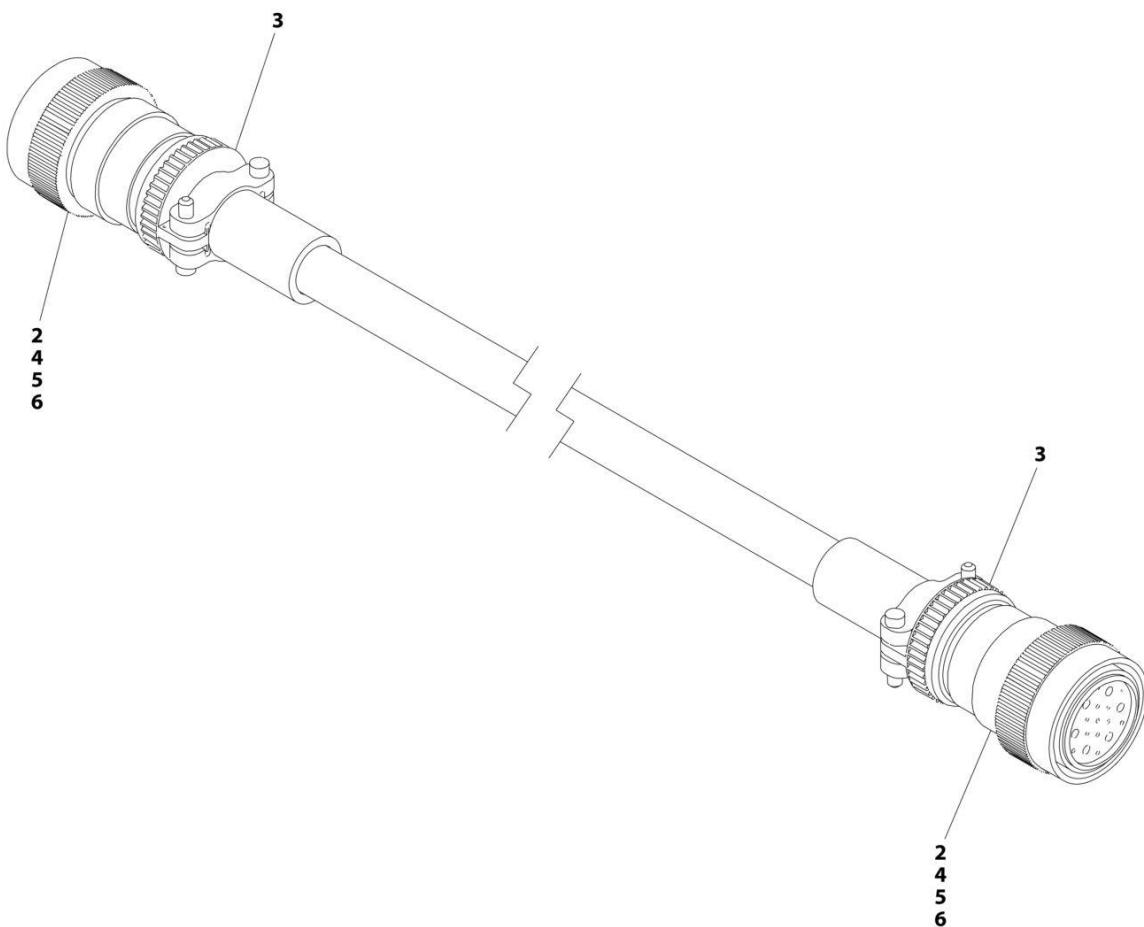
SECTION 8 - ELECTRICAL

FIGURE 8-36. BOOM CABLE - UPPER (600S)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
2	1001188533	Ref	BOOM CABLE	C
3	4460865	2	Connector - 19 Position	
4	4460473	2	Clamp	
5	4460465	20	Socket, Female	
6	4460509	8	Socket, Female	
7	4460466	10	Plug, Socket	
	1001226400	2	Heat Shrink (Not Shown)	

SECTION 8 - ELECTRICAL

FIGURE 8-37. BOOM CABLE - UPPER (660SJ)



ART_1001188534

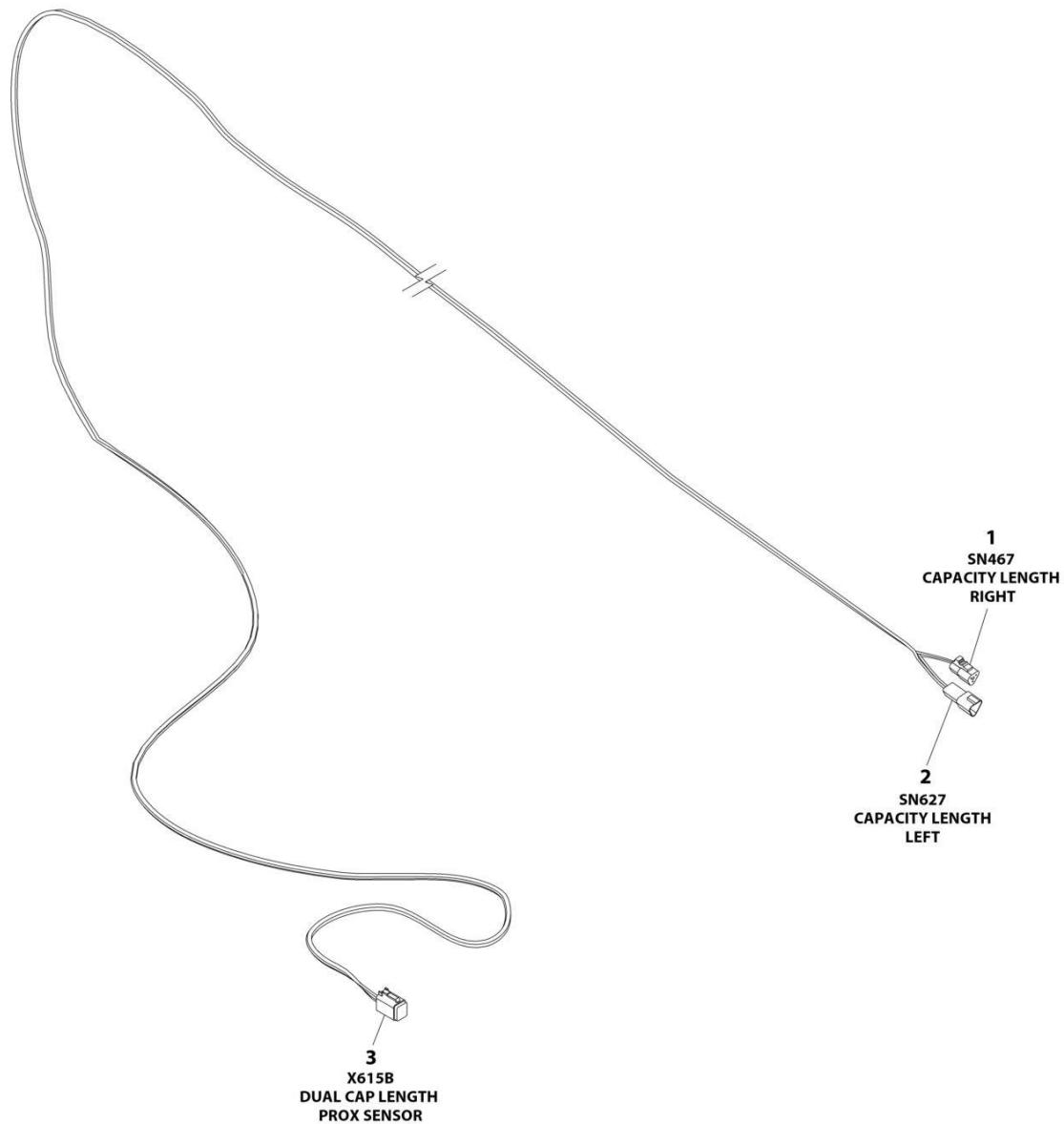
SECTION 8 - ELECTRICAL

FIGURE 8-37. BOOM CABLE - UPPER (660SJ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
2	1001188534	Ref	BOOM CABLE	C
3	4460865	2	Connector - 19 Position	
4	4460473	2	Clamp	
5	4460465	20	Socket, Female	
6	4460509	8	Socket, Female	
7	4460466	10	Plug, Socket	
	1001226400	2	Heat Shirnk (Not Shown)	

SECTION 8 - ELECTRICAL

FIGURE 8-38. CAPACITY PROXIMITY HARNESS



ART_1001189004

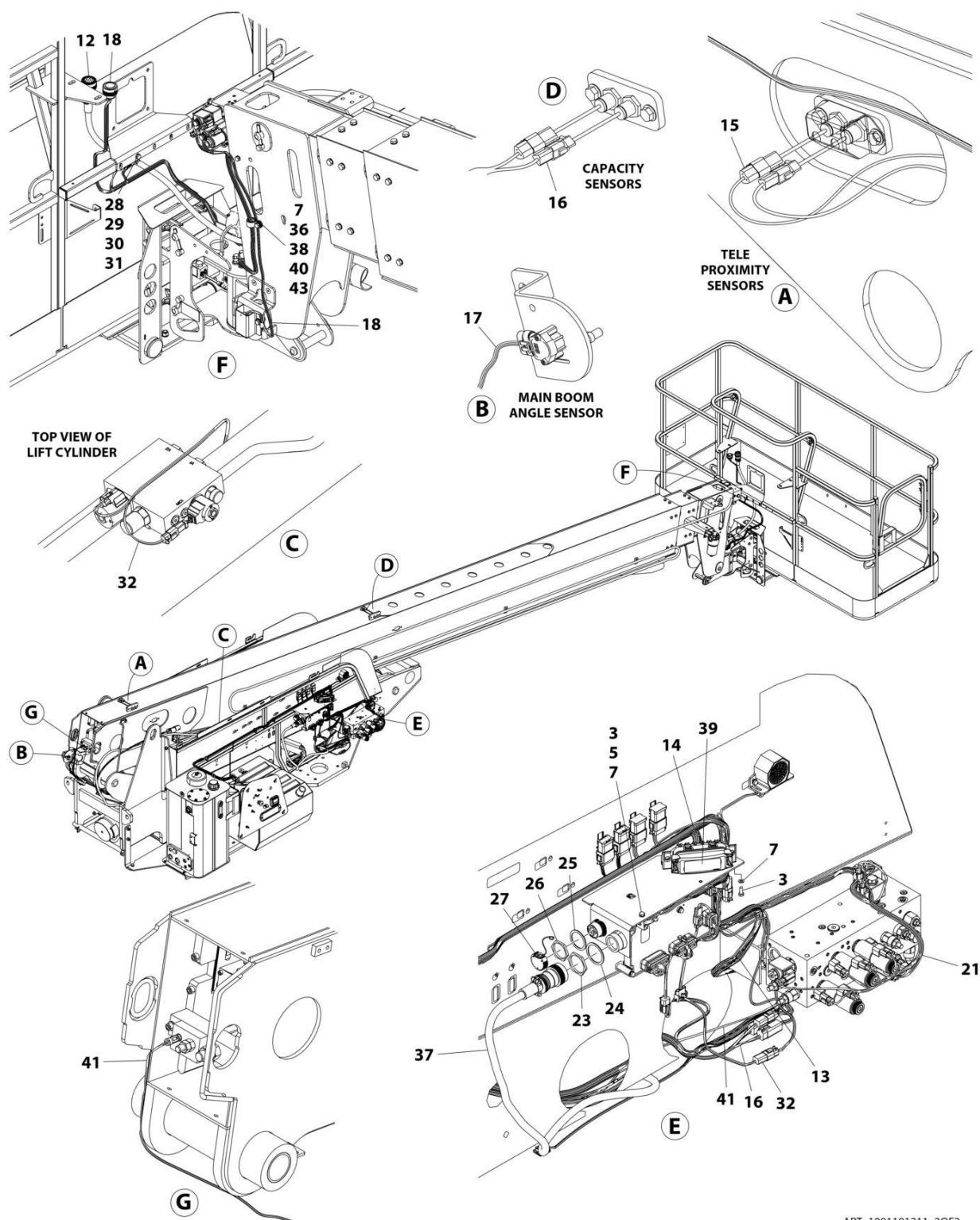
SECTION 8 - ELECTRICAL

FIGURE 8-38. CAPACITY PROXIMITY HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001189004	Ref	CAPACITY PROXIMITY HARNESS	
1	4460539	1	Plug, Male - 3 Position	D
1	4460465	3	Socket, Female	
2	4460536	1	Receptacle, Female - 3 Position	
2	4640464	3	Pin, Male	
3	4460894	1	Plug, Male - 6 Position	
3	4460465	6	Socket, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-39. ELECTRICAL COMPONENTS INSTALLATION - 600S WITH 2WS



ART_1001191211_2OF2

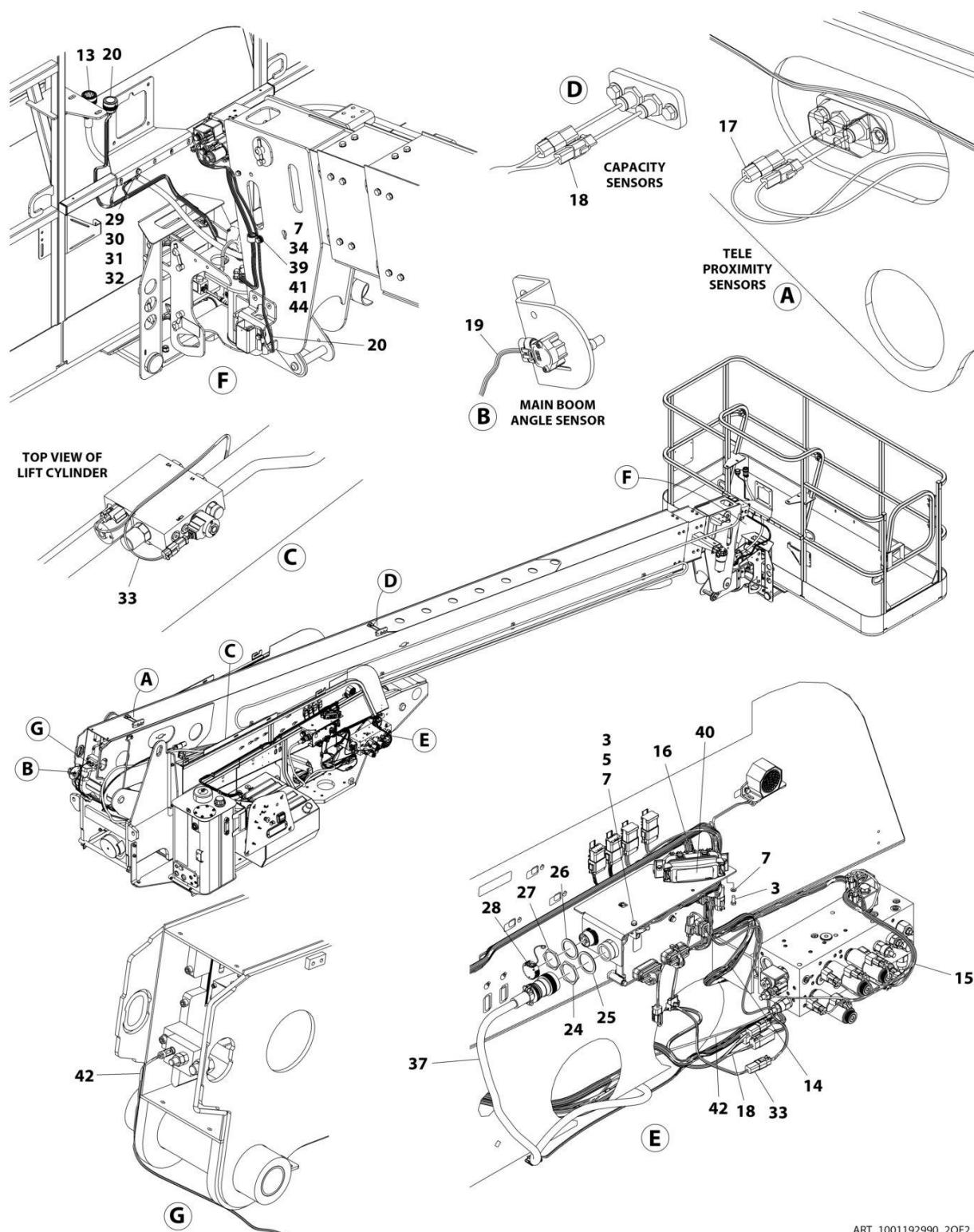
SECTION 8 - ELECTRICAL

FIGURE 8-39. ELECTRICAL COMPONENTS INSTALLATION - 600S WITH 2WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191211	Ref	ELECTRICAL COMPONENTS INSTALLATION	L
3	0760608	5	Bolt M6 x 16	
5	3290605	3	Nut M6	
7	4811700	16	Washer M6	
12	1001188533	1	Boom Cable - Upper (See Separate Breakdown in this Section)	
13	1001188642	1	Turntable Harness (See Separate Breakdown in this Section)	
14	1001188644	1	Ground Control Harness (See Separate Breakdown in this Section)	
15	1001189003	1	Tele Proximity Harness (See Separate Breakdown in this Section)	
16	1001189004	1	Capacity Proximity Harness (See Separate Breakdown in this Section)	
17	1001189005	1	Boom Angle Sensor Harness (See Separate Breakdown in this Section)	
18	1001191328	1	Platform Valve Harness (See Separate Breakdown in this Section)	
21	1001192909	1	Main Valve Harness (See Separate Breakdown in this Section)	
23	4460470	1	Nut, Terminal	
24	4460471	1	Washer, Terminal	
25	4460496	1	Washer, Terminal	
26	4460497	1	Nut, Terminal	
27	1001106736	1	Cap, Dust	
28	0700819	1	Bolt M8 x 55	
29	3290805	1	Nut M8	
30	4811900	2	Washer M8	
31	1001120328	2	Mount	
32	1001205923	1	Lift Cylinder Harness (See Separate Breakdown in this Section)	
33	4240099	AR	Tie-Strap (Not Shown)	
36	1320041	1	Clamp	
37	1001206082	1	Boom Cable - Lower (See Separate Breakdown in this Section)	
38	0760615	1	Bolt M6 x 35	
39	1001231846	1	Decal - Fuse Box	
40	1001203719	1	Nut M6	
41	1001227527	1	Service Cable	
43	1320043	1	Clamp (SN 0300237157 to Present, SN B300002716 to Present)	

SECTION 8 - ELECTRICAL

FIGURE 8-40. ELECTRICAL COMPONENTS INSTALLATION - 600S WITH 4WS



ART_1001192990_2OF2

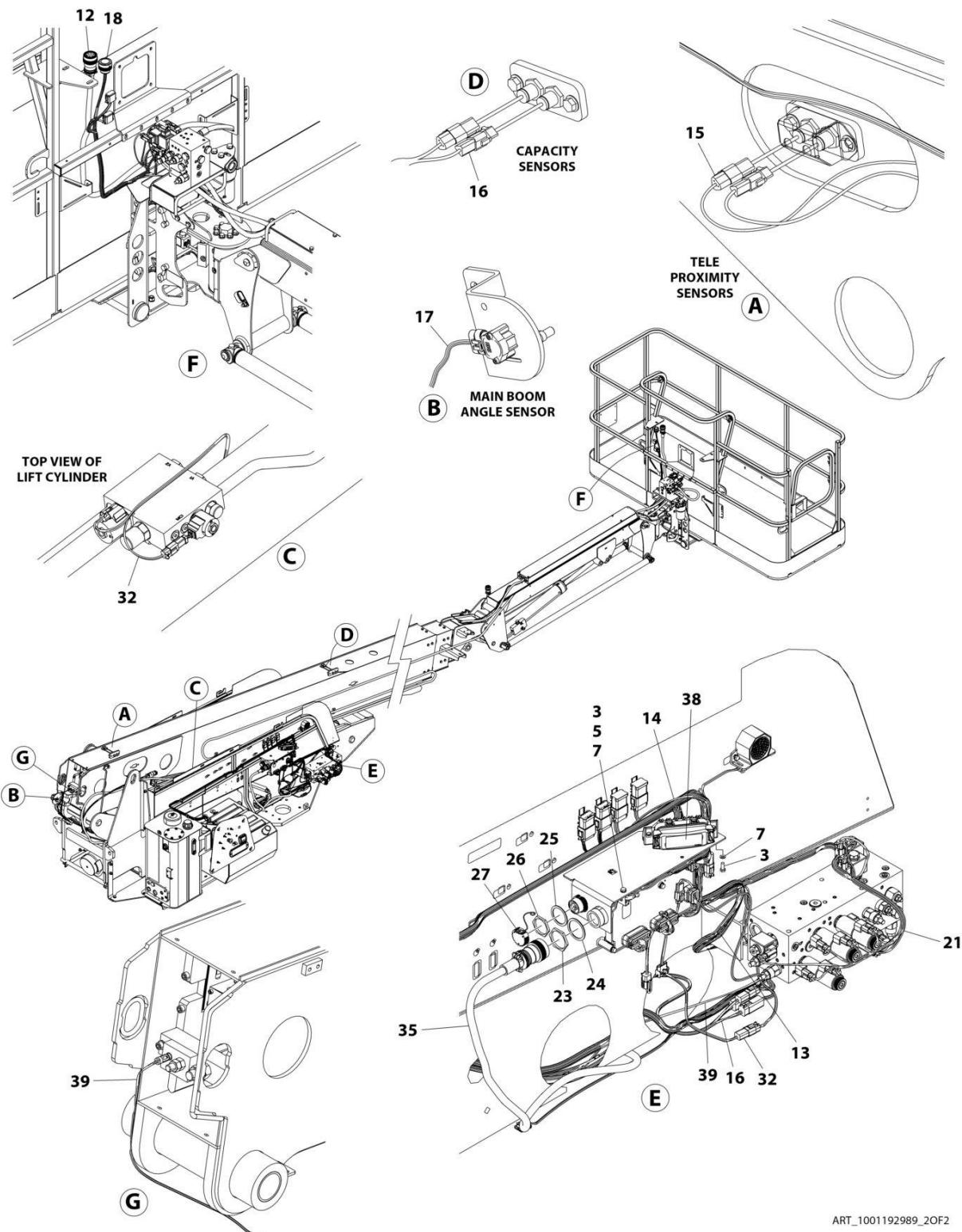
SECTION 8 - ELECTRICAL

FIGURE 8-40. ELECTRICAL COMPONENTS INSTALLATION - 600S WITH 4WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192990	Ref	ELECTRICAL COMPONENTS INSTALLATION	
3	0760608	5	Bolt M6 x 16	L
5	3290605	3	Nut M6	
7	4811700	16	Washer M6	
13	1001188533	1	Boom Cable - Upper (See Separate Breakdown in this Section)	
14	1001188642	1	Turntable Harness (See Separate Breakdown in this Section)	
15	1001188643	1	Main Valve Harness (See Separate Breakdown in this Section)	
16	1001188644	1	Ground Control Harness (See Separate Breakdown in this Section)	
17	1001189003	1	Tele Proximity Harness (See Separate Breakdown in this Section)	
18	1001189004	1	Capacity Proximity Harness (See Separate Breakdown in this Section)	
19	1001189005	1	Boom Angle Sensor Harness (See Separate Breakdown in this Section)	
20	1001191328	1	Platform Valve Harness (See Separate Breakdown in this Section)	
24	4460470	1	Nut, Terminal	
25	4460471	1	Washer, Terminal	
26	4460496	1	Washer, Terminal	
27	4460497	1	Nut, Terminal	
28	1001106736	1	Cap, Dust	
29	0700819	1	Bolt M8 x 55	
30	3290805	1	Nut M8	
31	4811900	2	Washer M8	
32	1001120328	2	Mount	
33	1001205923	1	Lift Cylinder Harness (See Separate Breakdown in this Section)	
34	1320041	1	Clamp	
37	1001206082	1	Boom Cable - Lower (See Separate Breakdown in this Section)	
38	4240099	AR	Tie-Strap (Not Shown)	
39	0760615	1	Bolt M6 x 35	
40	1001231846	1	Decal - Fuse Box	
41	1001203719	1	Nut M6	
42	1001227527	1	Cable, Service	
44	1320043	1	Clamp (SN 0300237157 to Present, SN B300002716 to Present)	

SECTION 8 - ELECTRICAL

FIGURE 8-41. ELECTRICAL COMPONENTS INSTALLATION - 660SJ WITH 2WS



ART_1001192989_2OF2

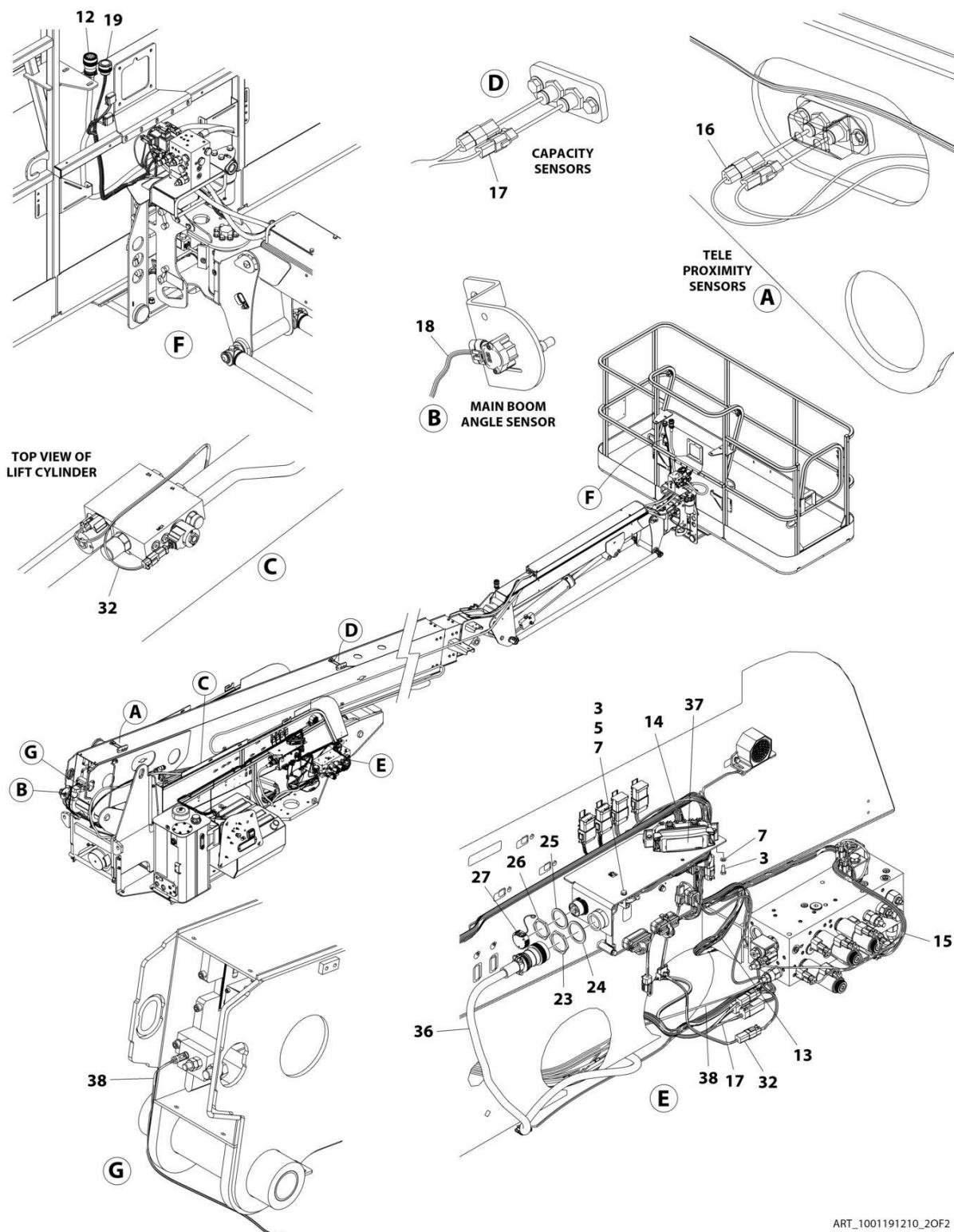
SECTION 8 - ELECTRICAL

FIGURE 8-41. ELECTRICAL COMPONENTS INSTALLATION - 660SJ WITH 2WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192989	Ref	ELECTRICAL COMPONENTS INSTALLATION	L
3	0760608	5	Bolt M6 x 16	
5	3290605	3	Nut M6	
7	4811700	15	Washer M6	
12	1001188534	1	Boom Cable - Upper (See Separate Breakdown in this Section)	
13	1001188642	1	Turntable Harness (See Separate Breakdown in this Section)	
14	1001188644	1	Ground Control Harness (See Separate Breakdown in this Section)	
15	1001189003	1	Tele Proximity Harness (See Separate Breakdown in this Section)	
16	1001189004	1	Capacity Proximity Harness (See Separate Breakdown in this Section)	
17	1001189005	1	Boom Angle Sensor Harness (See Separate Breakdown in this Section)	
18	1001189111	1	Platform Valve Harness (See Separate Breakdown in this Section)	
21	1001192909	1	Main Valve Harness (See Separate Breakdown in this Section)	
23	4460470	1	Nut, Terminal	
24	4460471	1	Washer, Terminal	
25	4460496	1	Washer, Terminal	
26	4460497	1	Nut, Terminal	
27	1001106736	1	Cap, Dust	
32	1001205923	1	Lift Cylinder Harness (See Separate Breakdown in this Section)	
35	1001206082	1	Boom Cable - Lower (See Separate Breakdown in this Section)	
36	4240099	10	Tie-Strap (Not Shown)	
38	1001231846	1	Decal - Fuse Box	
39	1001227527	1	Cable, Service	

SECTION 8 - ELECTRICAL

FIGURE 8-42. ELECTRICAL COMPONENTS INSTALLATION - 660SJ WITH 4WS



ART_1001191210_20F2

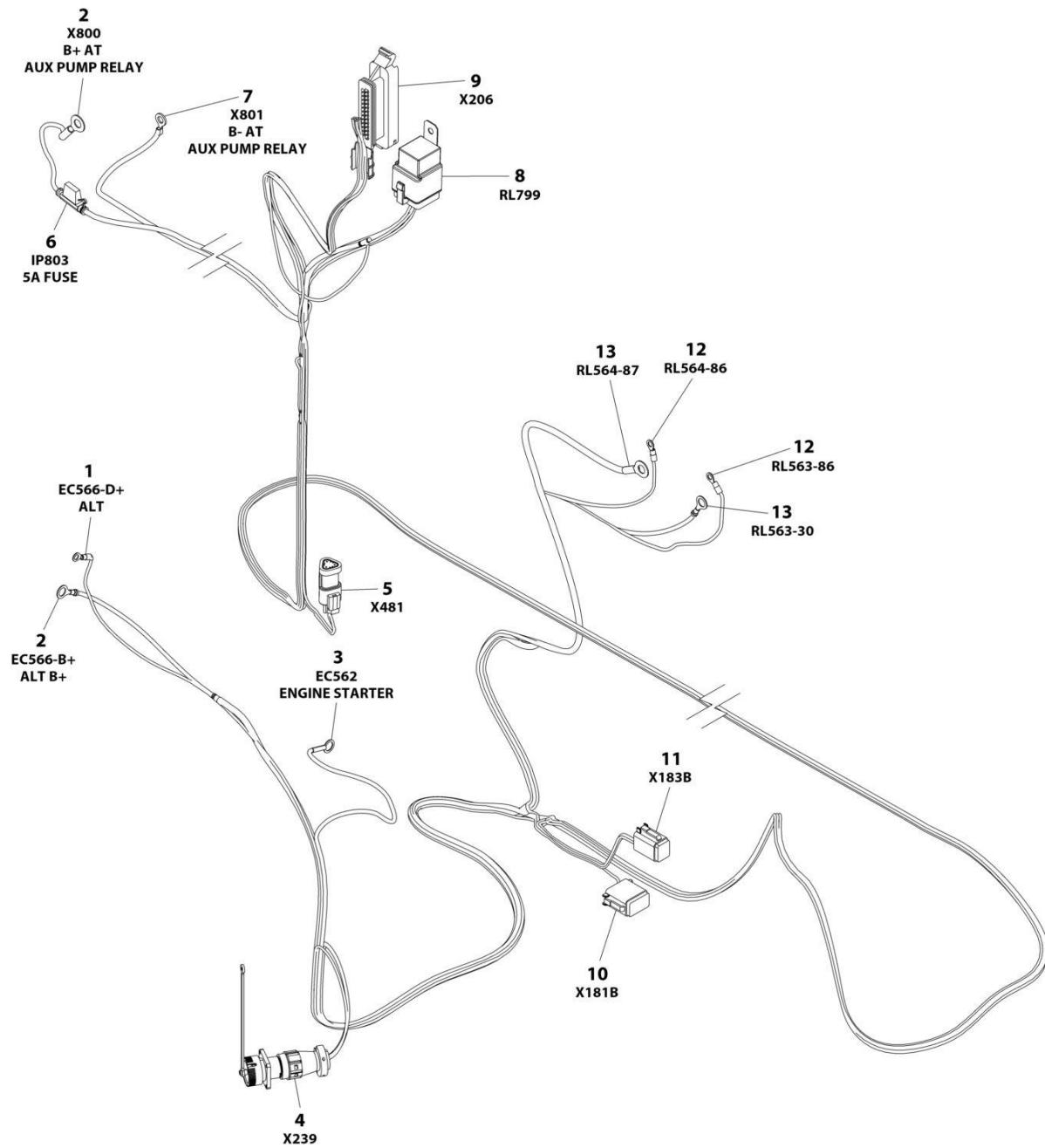
SECTION 8 - ELECTRICAL

FIGURE 8-42. ELECTRICAL COMPONENTS INSTALLATION - 660SJ WITH 4WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191210	Ref	ELECTRICAL COMPONENTS INSTALLATION	
3	0760608	5	Bolt M6 x 16	
5	3290605	3	Nut M6	
7	4811700	15	Washer M6	
12	1001188534	1	Boom Cable - Upper (See Separate Breakdown in this Breakdown)	
13	1001188642	1	Turntable Harness (See Separate Breakdown in this Breakdown)	
14	1001188643	1	Main Valve Harness (See Separate Breakdown in this Section)	
15	1001188644	1	Ground Control Harness (See Separate Breakdown in this Section)	
16	1001189003	1	Tele Proximity Harness (See Separate Breakdown in this Section)	
17	1001189004	1	Capacity Proximity Harness (See Separate Breakdown in this Section)	
18	1001189005	1	Boom Angle Sensor Harness (See Separate Breakdown in this Section)	
19	1001189111	1	Platform Valve Harness (See Separate Breakdown in this Section)	
23	4460470	1	Nut, Terminal	
24	4460471	1	Washer, Terminal	
25	4460496	1	Washer, Terminal	
26	4460497	1	Nut, Terminal	
27	1001106736	1	Cap, Dust	
32	1001205923	1	Lift Cylinder Harness (See Separate Breakdown in this Section)	
33	4240099	1	Tie-Strap (Not Shown)	
36	1001206082	1	Boom Cable - Lower (See Separate Breakdown in this Section)	
37	1001231846	1	Decal - Fuse Box	
38	1001227527	1	Cable, Service	

SECTION 8 - ELECTRICAL

FIGURE 8-43. ENGINE HARNESS - DEUTZ D2011 ENGINES



ART_1001188236

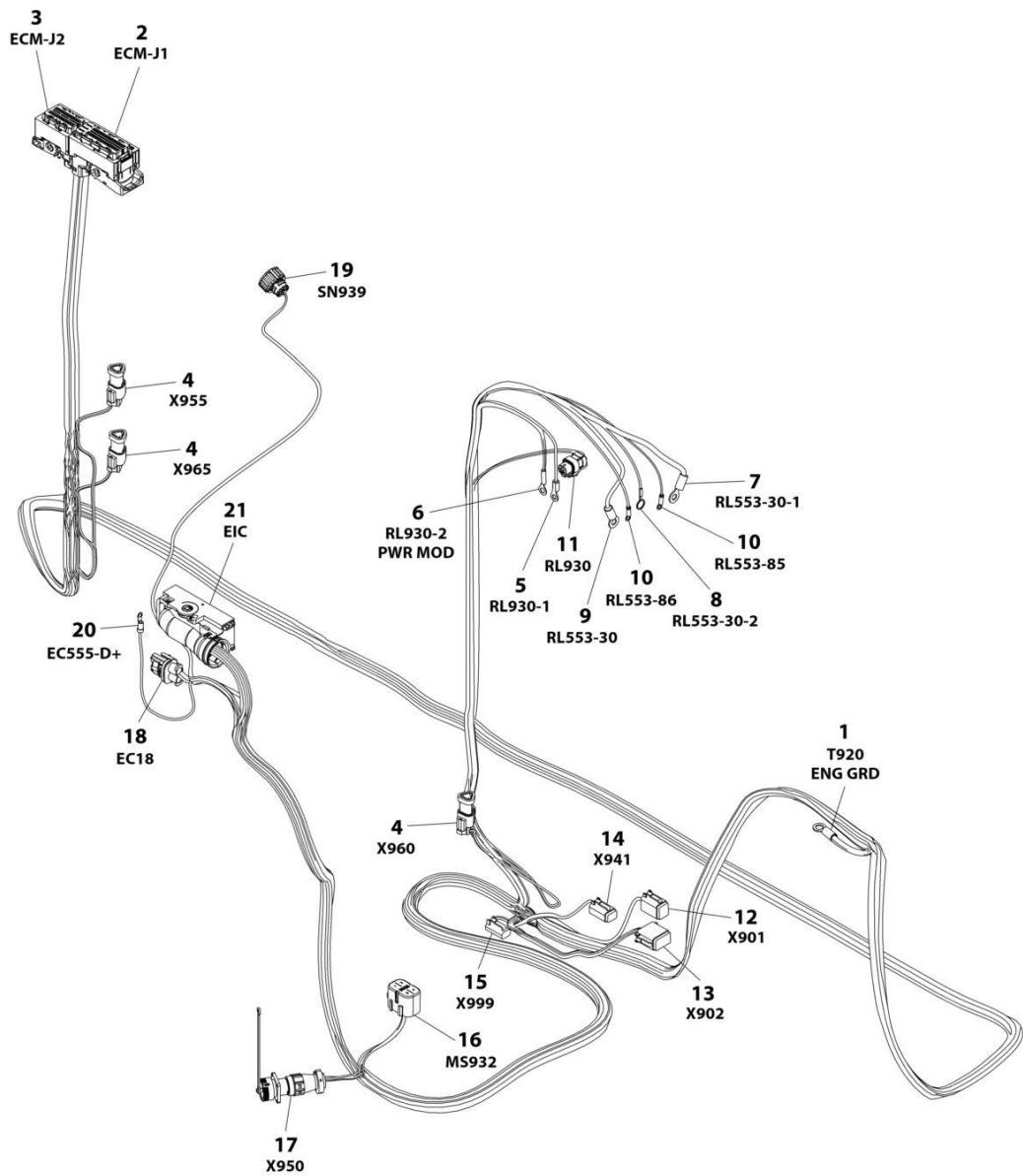
SECTION 8 - ELECTRICAL

FIGURE 8-43. ENGINE HARNESS - DEUTZ D2011 ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188236	Ref	ENGINE HARNESS	
1	4460042	1	Terminal, Ring	
2	8220045	2	Terminal, Ring	
3	4460142	1	Terminal, Ring	
4	2902443	1	Receptacle Kit	
4	4461073	1	Cap, Dust	
5	4461095	1	Plug, Male - 3 Position	
5	4460944	2	Socket, Female	
5	4460466	1	Plug, Terminal	
5	4461070	1	Receptacle, Female - 3 Position	
5	4460943	3	Pin, Male	
6	2600066	2	Fuseholder with 5Amp Fuse	
6	See Note	NSS	Fuse - 5Amp (Note: Purchase Locally)	
7	4460312	1	Terminal, Ring	
8	1001118282	1	Plug, Relay (SN 0300235168 through 0300237156, SN B300002655 through B300002681)	
8	1001117025	1	Plug, Relay (SN 0300237157 to Present, SN B300002682 to Present)	
8	1001116734	1	Terminal	
8	1001116732	3	Terminal	
8	1001128128	1	Plug, Terminal	
9	4461052	1	Connector - 25 Position	
9	4461060	1	Terminal	
9	4461005	6	Terminal	
9	4461008	18	Plug, Terminal	
9	4461054	1	Seal	
9	4461006	6	Seal	
9	4461053	1	Cover	
10	4460930	1	Plug, Male - 8 Position	
10	4460465	8	Socket, Female	
10	4460466	7	Plug, Terminal	
11	4460894	1	Plug, Male - 6 Position	
11	4460465	3	Socket, Female	
11	4460944	2	Socket, Female	
11	4460466	1	Plug, Terminal	
12	4460313	2	Terminal, Ring	
13	8220164	2	Terminal, Ring	

SECTION 8 - ELECTRICAL

FIGURE 8-44. ENGINE HARNESS - DEUTZ TD2.9L4 ENGINES (SN 0300235168 through 0300237156,
SN B300002655 through B300002681)



ART_1001188237

SECTION 8 - ELECTRICAL

**FIGURE 8-44. ENGINE HARNESS - DEUTZ TD2.9L4 ENGINES (SN 0300235168 through 0300237156,
SN B300002655 through B300002681)**

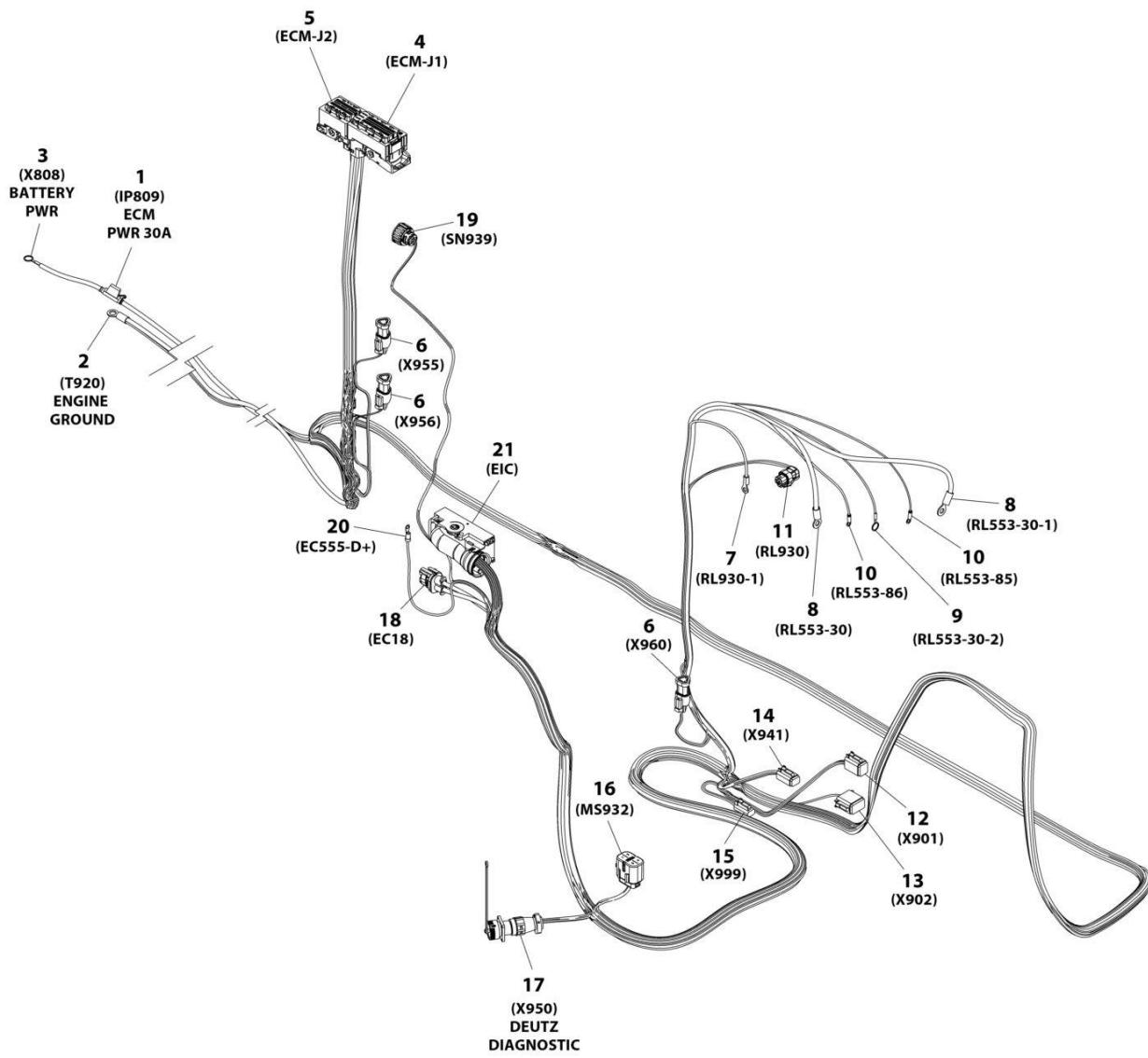
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188237	Ref	ENGINE HARNESS	
1	8220115	1	Terminal, Ring	
2	1001133956	1	Connector - 94 Position	
2	1001126351	1	Terminal	
2	1001126352	6	Terminal	
2	1001126384	21	Terminal	
2	1001126357	1	Plug, Terminal	
2	1001126356	65	Plug, Terminal	
3	1001133956	1	Connector - 60 Position	
3	1001126351	13	Terminal	
3	1001126384	17	Terminal	
3	1001126357	11	Plug, Terminal	
3	1001126356	19	Plug, Terminal	
4	4461095	3	Plug, Male - 3 Position	
4	4460944	6	Socket, Female	
4	4460466	3	Plug, Terminal	
4	4461070	3	Receptacle, Female - 3 Position	
4	4460943	9	Pin, Male	
5	4460043	1	Terminal, Ring	
6	1001117106	1	Terminal, Ring	
7	1001117107	1	Terminal, Ring	
8	4460703	1	Terminal, Ring	
9	8220164	1	Terminal, Ring	
10	4460313	2	Terminal, Ring	
11	1001116952	1	Plug, Male - 2 Position	
11	4460465	2	Socket, Female	
12	4460894	1	Plug, Male - 6 Position	
12	4460465	3	Socket, Female	
12	4460944	2	Socket, Female	
12	4460466	1	Plug, Terminal	
13	4460930	1	Plug, Male - 8 Position	
13	4460465	1	Socket, Female	
13	4460466	7	Plug, Terminal	
14	4460884	1	Plug, Male - 4 Position	
14	4460465	2	Socket, Female	
14	4460942	2	Socket, Female	
15	4460891	6	Plug, Male - 4 Position	
15	4460465	10	Socket, Female	
16	80484084	1	Plug, Male - 8 Position	
16	8229242	1	Fuse - 5Amp	
16	80983191	1	Fuse - 10Amp	
16	1001116728	4	Socket, Female	
16	1001116727	4	Plug, Terminal	
17	2902443	1	Receptacle Kit	
17	4461073	1	Cap, Dust	
17	4461071	6	Terminal	
18	1001142938	1	Plug, Male - 2 Position	
18	1001142941	2	Terminal	
19	1001133714	1	Connector - 4 Position	

SECTION 8 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
19	1001133715	13	Terminal	
19	1001135651	11	Plug, Terminal	
20	4460042	1	Terminal, Ring	
21	1001126362	1	Connector - 62 Position	
21	1001126363	35	Terminal	
21	1001126365	2	Terminal	
21	1001126391	20	Plug, Terminal	
21	4461008	4	Plug, Terminal	
21	1001151856	1	Elbow	

SECTION 8 - ELECTRICAL

FIGURE 8-45. ENGINE HARNESS - DEUTZ TD2.9L4 ENGINES (SN 0300237156 to Present, SN B30002682 to Present)



ART_1001233895

SECTION 8 - ELECTRICAL

FIGURE 8-45. ENGINE HARNESS - DEUTZ TD2.9L4 ENGINES (SN 0300237156 to Present, SN B300002682 to Present)

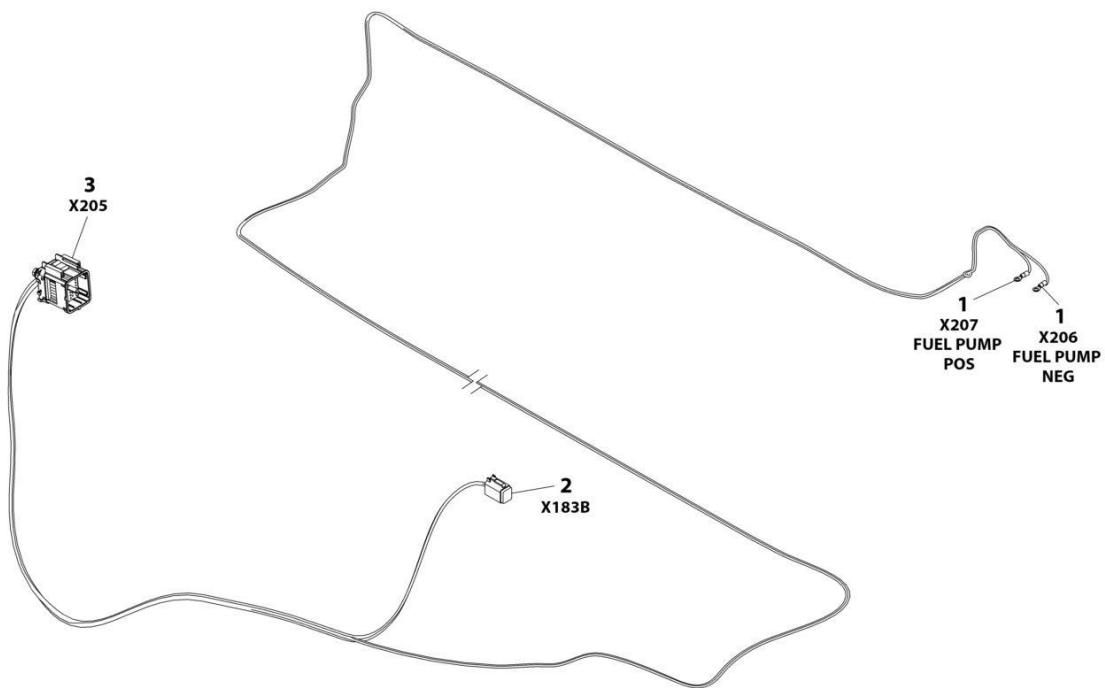
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233895	Ref	ENGINE HARNESS	
1	1001172064	1	Fuseholder with 30Amp Fuse	C
1	1001172065	1	Fuse - 30A	
2	8220115	1	Terminal, Ring	
3	4460019	1	Terminal, Ring	
4	1001133956	1	Connector - 94 Position	
4	1001126351	2	Terminal	
4	1001126352	6	Terminal	
4	1001126384	21	Terminal	
4	1001126357	2	Plug, Terminal	
4	1001126356	63	Plug, Terminal	
5	1001133957	1	Connector - 60 Position	
5	1001126351	13	Terminal	
5	1001126384	17	Terminal	
5	1001126357	11	Plug, Terminal	
5	1001126356	19	Plug, Terminal	
6	4461095	3	Plug, Male - 3 Position	
6	4460944	6	Socket, Female	
6	4460466	3	Plug, Terminal	
6	4461070	3	Receptacle, Female - 3 Position	
6	4460943	9	Pin, Male	
7	4460043	1	Terminal, Ring	
8	1001117107	2	Terminal, Ring	
9	4460703	1	Terminal, Ring	
10	4460313	2	Terminal, Ring	
11	1001116952	1	Plug, Male - 2 Position	
11	4460465	2	Socket, Female	
12	4460894	1	Plug, Male - 6 Position	
12	4460465	3	Socket, Female	
12	4460944	2	Socket, Female	
12	4460466	1	Plug, Terminal	
13	4460930	1	Plug, Male - 8 Position	
13	4460465	1	Socket, Female	
13	4460466	7	Plug, Terminal	
14	4460884	1	Plug, Male - 4 Position	
14	4460465	2	Socket, Female	
14	4460942	2	Socket, Female	
15	4460891	1	Plug, Male - 4 Position	
15	4460465	2	Socket, Female	
16	80484084	1	Plug, Male - 8 Position	
16	8229242	1	Fuse - 5Amp	
16	80983191	1	Fuse - 10Amp	
16	1001116728	4	Socket, Female	
16	1001116727	4	Plug, Terminal	
16	1001147264	1	Cap	
17	2902443	1	Receptacle Kit	
17	4461073	1	Cap, Dust	
17	4461071	6	Terminal	
18	1001142938	1	Plug, Male - 2 Position	

SECTION 8 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
18	1001142940	2	Terminal	
18	1001142941	2	Seal	
19	1001133714	1	Connector - 4 Position	
19	1001133715	13	Terminal	
19	1001135651	11	Plug, Terminal	
20	4460042	1	Terminal, Ring	
21	1001126362	1	Connector - 62 Position	
21	1001126363	35	Terminal	
21	1001126365	2	Terminal	
21	1001126391	20	Plug, Terminal	
21	4461008	4	Plug, Terminal	
21	1001151856	1	Elbow	

SECTION 8 - ELECTRICAL

FIGURE 8-46. ENGINE HARNESS - FORD ENGINES



ART_1001215218

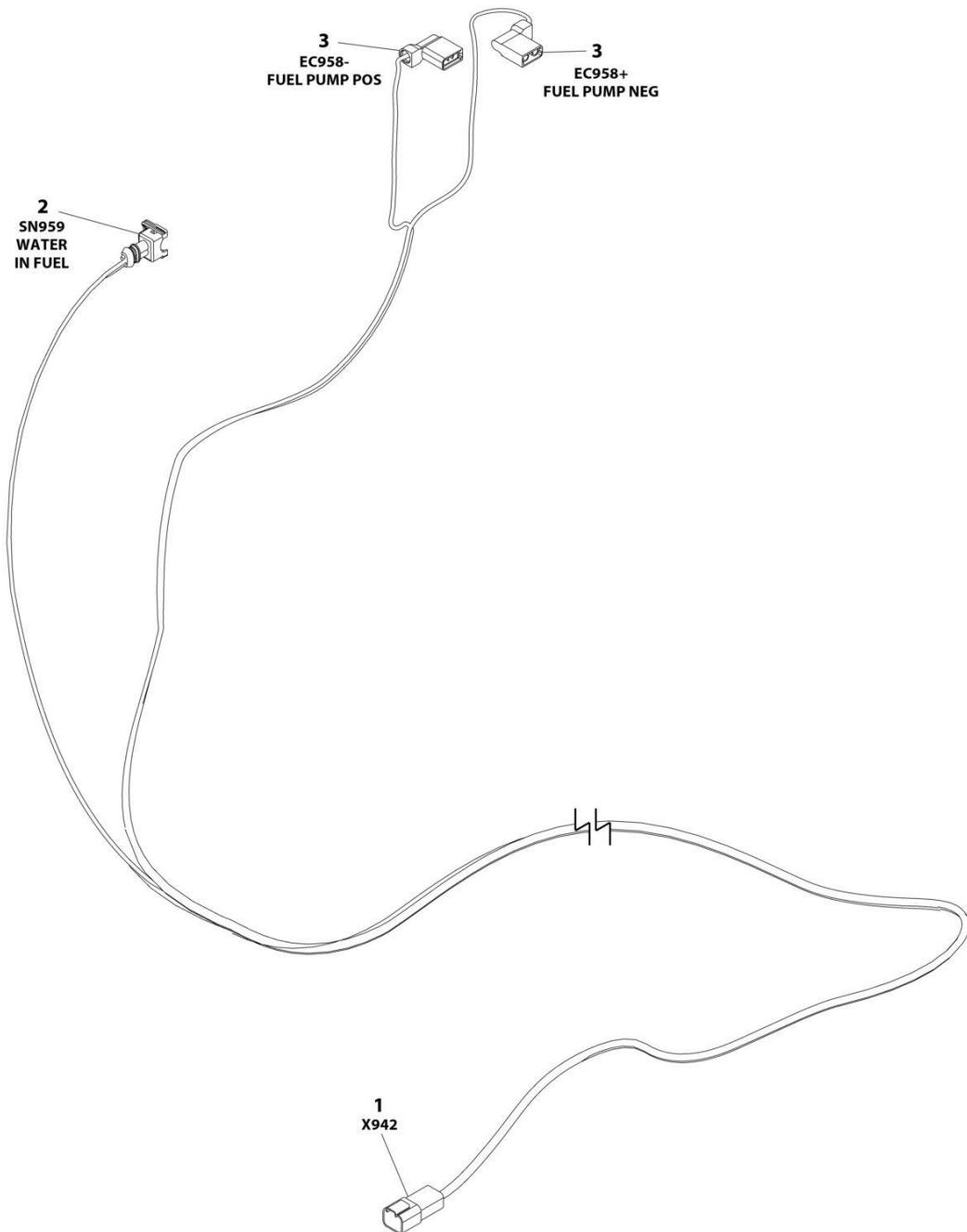
SECTION 8 - ELECTRICAL

FIGURE 8-46. ENGINE HARNESS - FORD ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215218	Ref	ENGINE HARNESS	
1	4460042	2	Terminal, Ring	
2	4460894	1	Plug, Male - 6 Position	
2	4460465	4	Socket, Female	
2	4460466	2	Plug, Terminal	
3	1001215016	1	Connector - 42 Position	
3	1001216212	1	Terminal	
3	1001221210	2	Terminal	
3	1001215091	3	Terminal	
3	1001216213	2	Plug, Terminal	
3	1001215534	34	Plug, Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-47. FUEL PUMP HARNESS - DEUTZ TD2.9L4 ENGINE



ART_1001190444

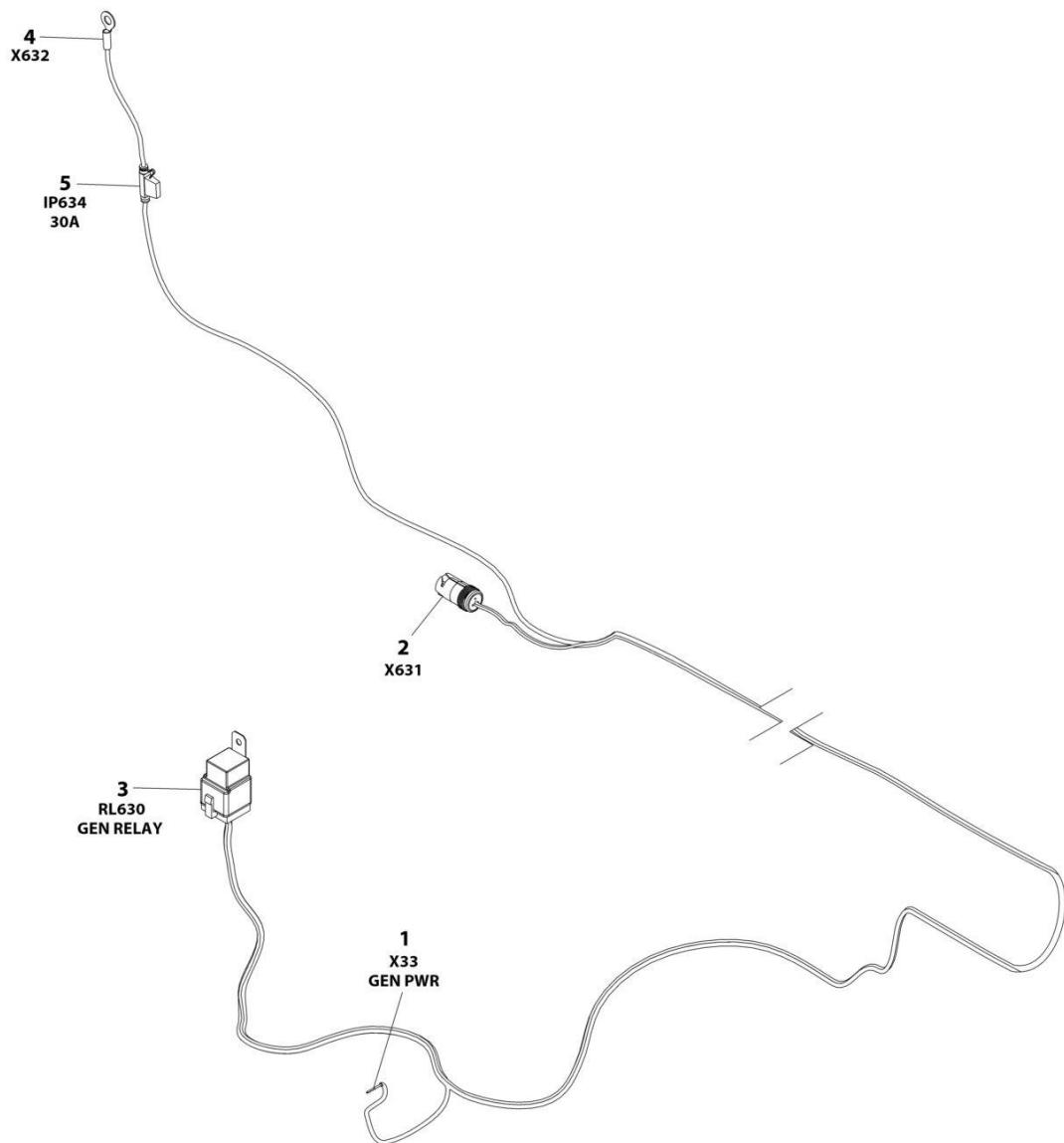
SECTION 8 - ELECTRICAL

FIGURE 8-47. FUEL PUMP HARNESS - DEUTZ TD2.9L4 ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001190444	Ref	FUEL PUMP HARNESS	
1	4460932	1	Receptacle, Female - 4 Position	D
1	4460941	4	Pin, Male	
2	1001116983	1	Plug, Male - 2 Posiiton	
2	4461054	2	Socket, Female	
3	1001223045	2	Connector	

SECTION 8 - ELECTRICAL

FIGURE 8-48. GENERATOR HARNESS - 2500W



ART_1001194114

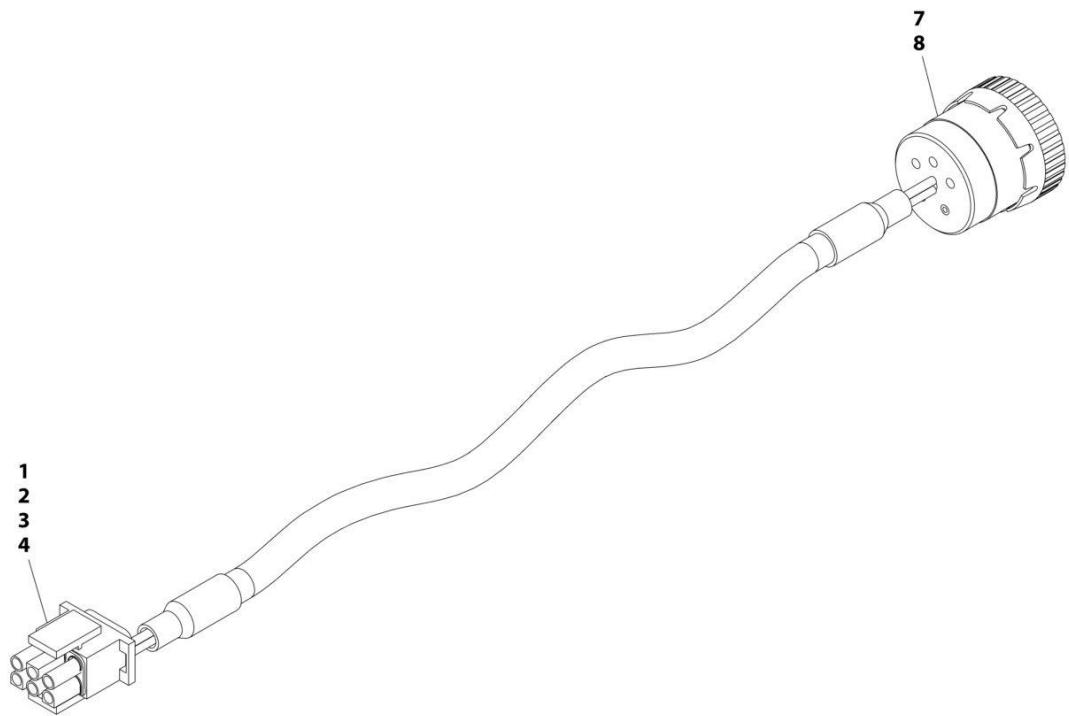
SECTION 8 - ELECTRICAL

FIGURE 8-48. GENERATOR HARNESS - 2500W

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194114	Ref	GENERATOR HARNESS	
1	4460906	1	Socket, Female	B
2	1001154726	1	Receptacle, Female - 3 Position	
2	4460464	2	Pin, Male	
2	4460466	1	Plug, Terminal	
3	1001117057	1	Connector, Relay (SN 0300235168 through 0300237156)	
3	1001120851	1	Connector, Relay (SN 0300237157 to Present)	
3	1001117057	1	Connector, Relay (SN B300002655 to Present)	
3	1001116734	2	Terminal	
3	1001116732	2	Terminal	
3	3740080	1	Relay	
4	8220045	1	Terminal, Ring	
5	2400060	1	Fuseholder - 30Amp (Includes Cover)	
5	8229245	1	Fuse - 30Amp	

SECTION 8 - ELECTRICAL

FIGURE 8-49. GENERATOR HARNESS - 4000W



ART_1001152532

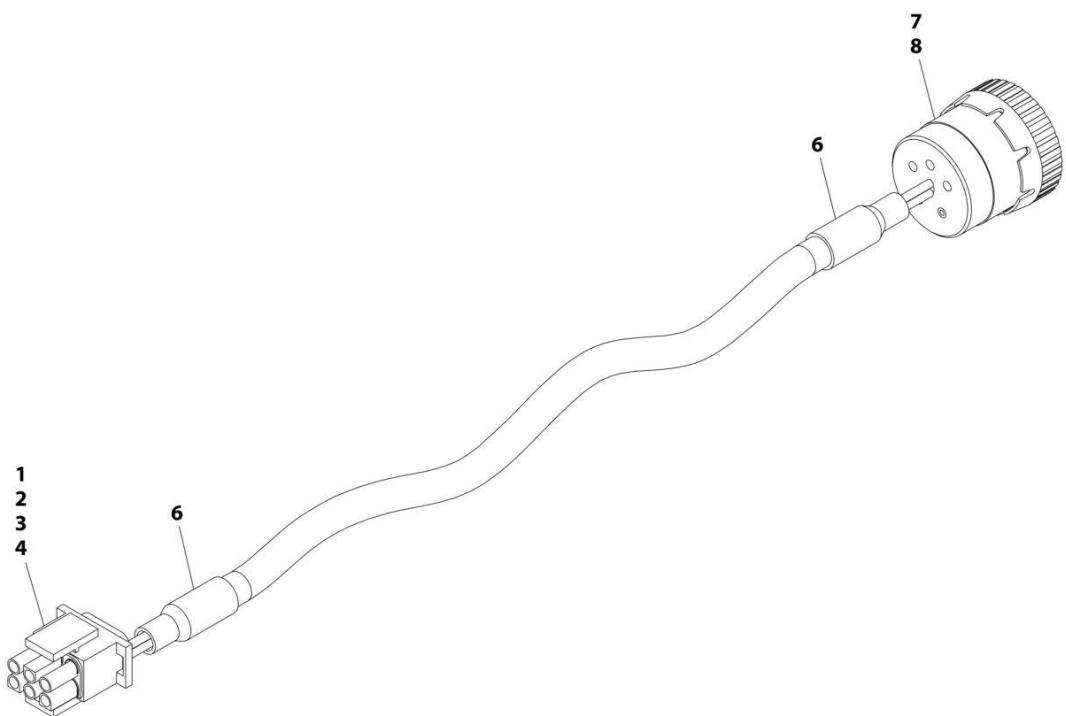
SECTION 8 - ELECTRICAL

FIGURE 8-49. GENERATOR HARNESS - 4000W

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001152532	Ref	GENERATOR HARNESS	A
1	4460225	1	Plug, Male - 2 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 8-50. GENERATOR HARNESS - 7500W SKYPOWER



ART_4922925

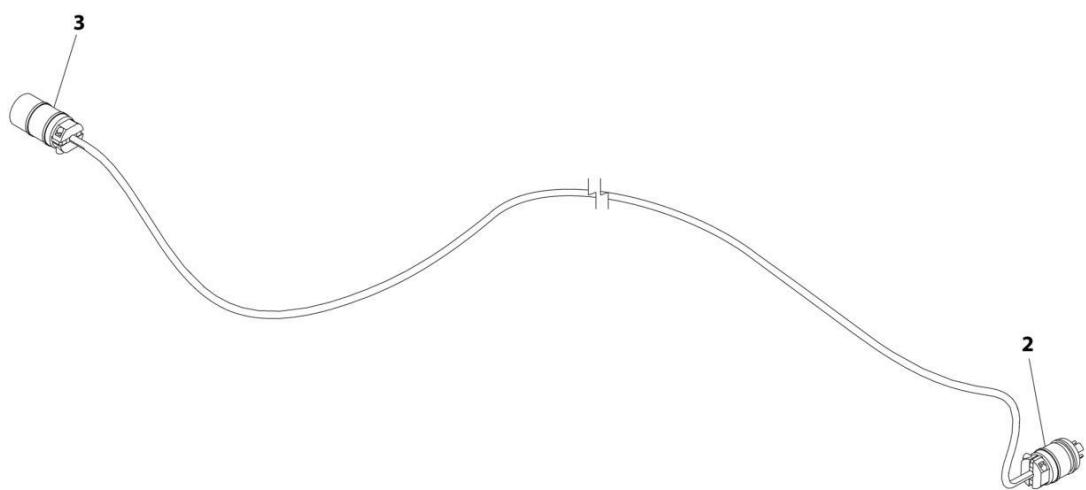
SECTION 8 - ELECTRICAL

FIGURE 8-50. GENERATOR HARNESS - 7500W SKYPOWER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	4922925	Ref	GENERATOR HARNESS - 7500W SKYPOWER	C
1	4460225	1	Plug, Male - 2 Position	
2	4460268	6	Socket, Female	
3	4460807	1	Seal	
4	4460808	1	Seal	
6	2820019	AR	Heat Shrink	
7	4460465	6	Socket, Female	
8	77363233	1	Connector - 6 Position	

SECTION 8 - ELECTRICAL

FIGURE 8-51. GENERATOR RECEPTACLE BOX TO AC PLUG HARNESS (2500W GENERATOR)



ART_4921827

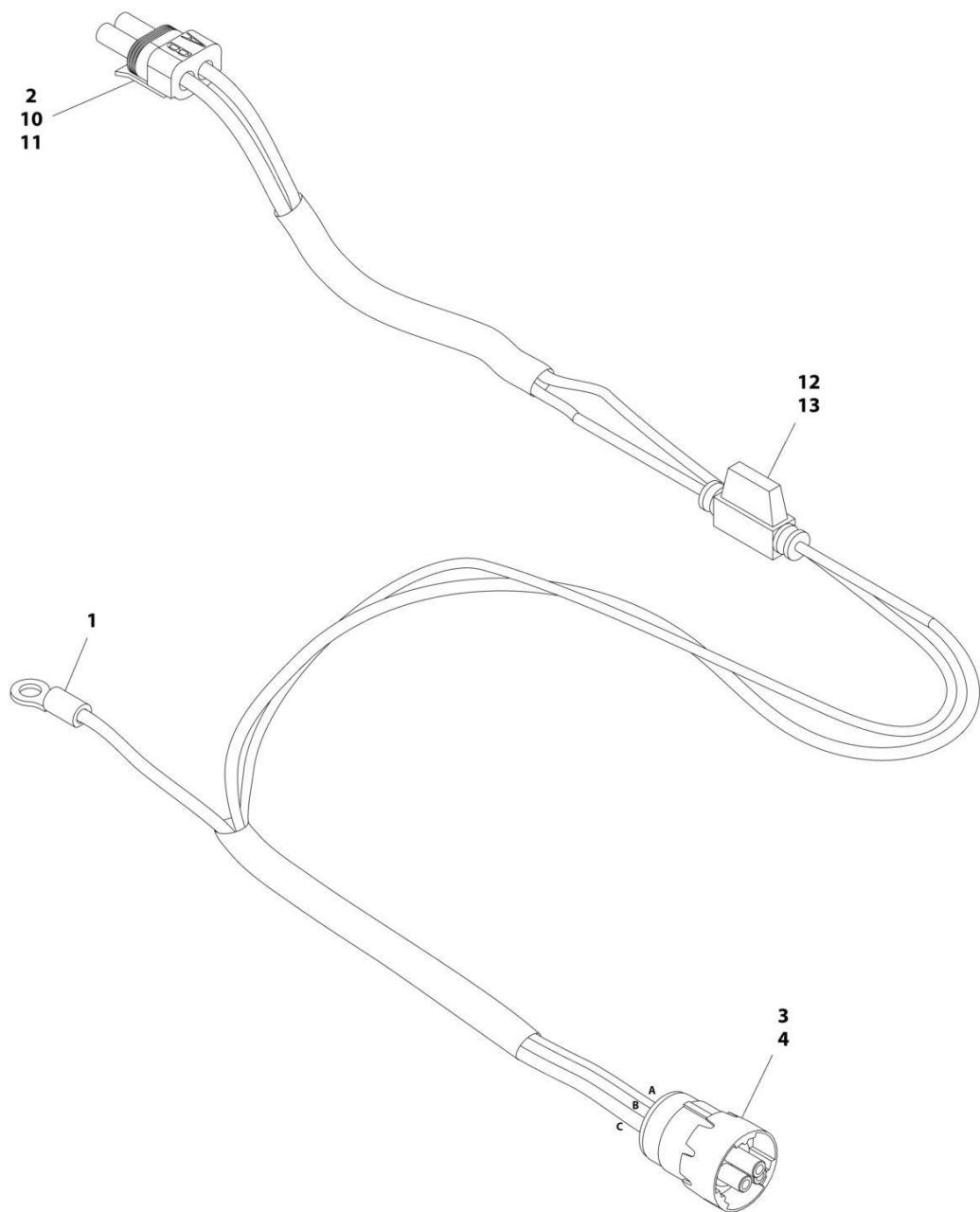
SECTION 8 - ELECTRICAL

FIGURE 8-51. GENERATOR RECEPTACLE BOX TO AC PLUG HARNESS (2500W GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
2	4921827	Ref	GENERATOR RECEPTACLE BOX TO AC PLUG HARNESS	
2	4460205	1	Plug, Male	1/A
3	4460134	1	Receptacle, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-52. GENERATOR TO ENGINE HARNESS - 7500W SKYPOWER GENERATOR (DEUTZ D2011 ONLY)



ART_1001152429

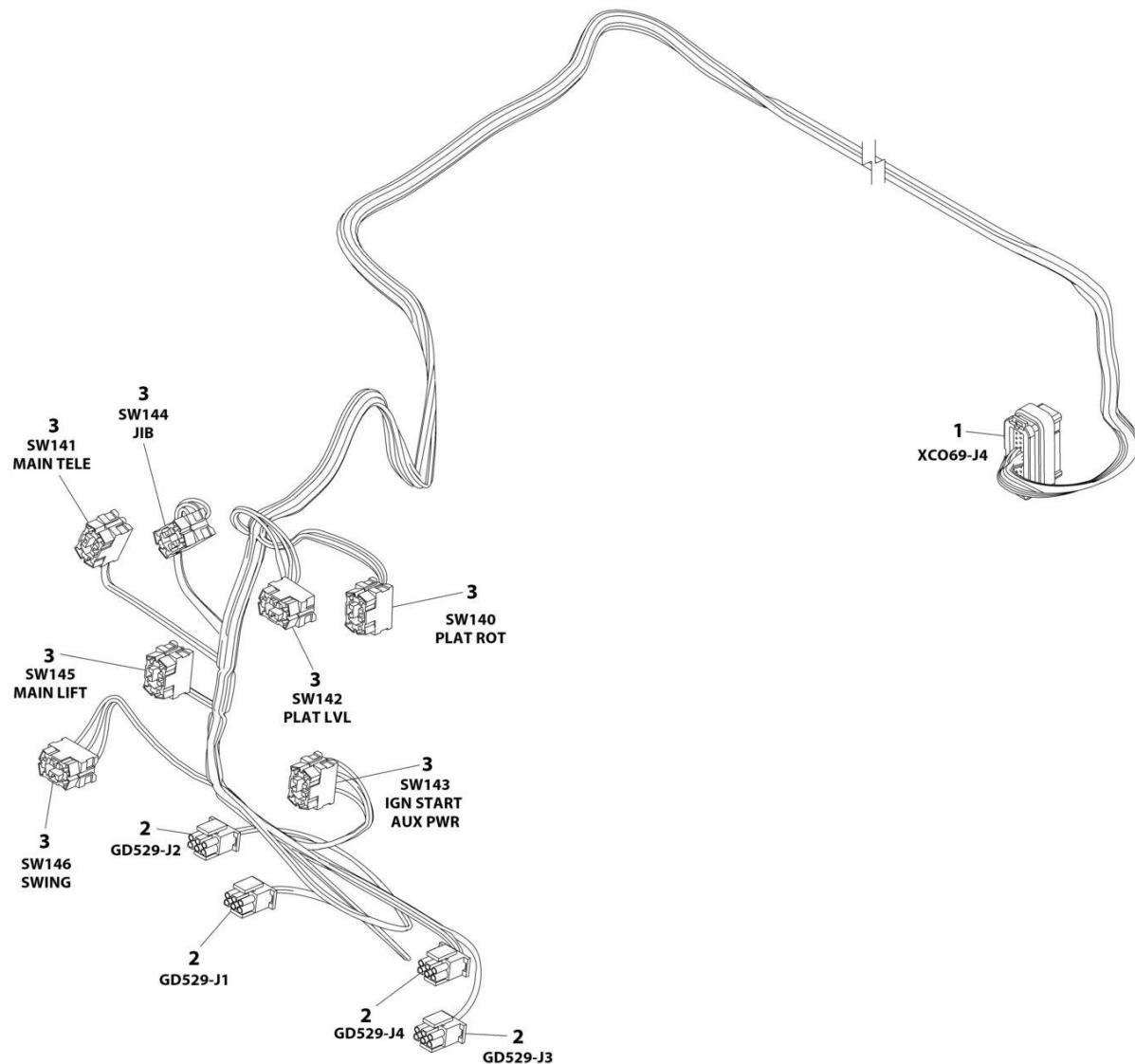
SECTION 8 - ELECTRICAL

FIGURE 8-52. GENERATOR TO ENGINE HARNESS - 7500W SKYPOWER GENERATOR (DEUTZ D2011 ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001152429	Ref	GENERATOR TO ENGINE HARNESS	
1	4460043	1	Terminal, Ring	C
2	4460742	1	Plug, Male - 2 Position	
3	4460967	1	Connector - 3 Position	
4	4460465	3	Socket, Female	
10	4460743	2	Terminal, Female	
11	4460458	2	Seal	
12	2400060	1	Fuseholder (Includes Cover)	
13	2400064	1	Fuse - 5Amp	

SECTION 8 - ELECTRICAL

FIGURE 8-53. GROUND CONTROL HARNESS



ART_1001188644

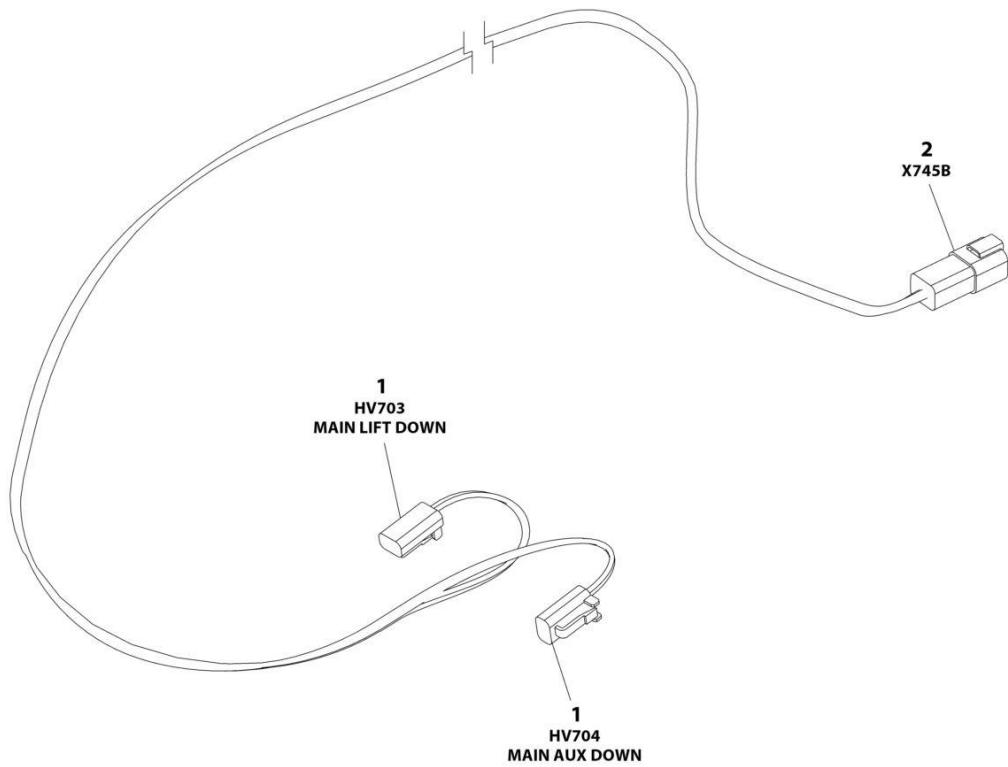
SECTION 8 - ELECTRICAL

FIGURE 8-53. GROUND CONTROL HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188644	Ref	GROUND CONTROL HARNESS	
1	4460876	1	Connector - 35 Position	E
1	4460871	25	Socket, Female	
1	4460905	10	Plug, Terminal	
2	4460225	4	Plug, Male - 6 Position	
2	4460226	10	Socket, Female	
3	4460418	7	Connector, Switch	
3	4460419	12	Terminal	
3	1001159186	15	Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-54. LIFT CYLINDER HARNESS



ART_1001205923

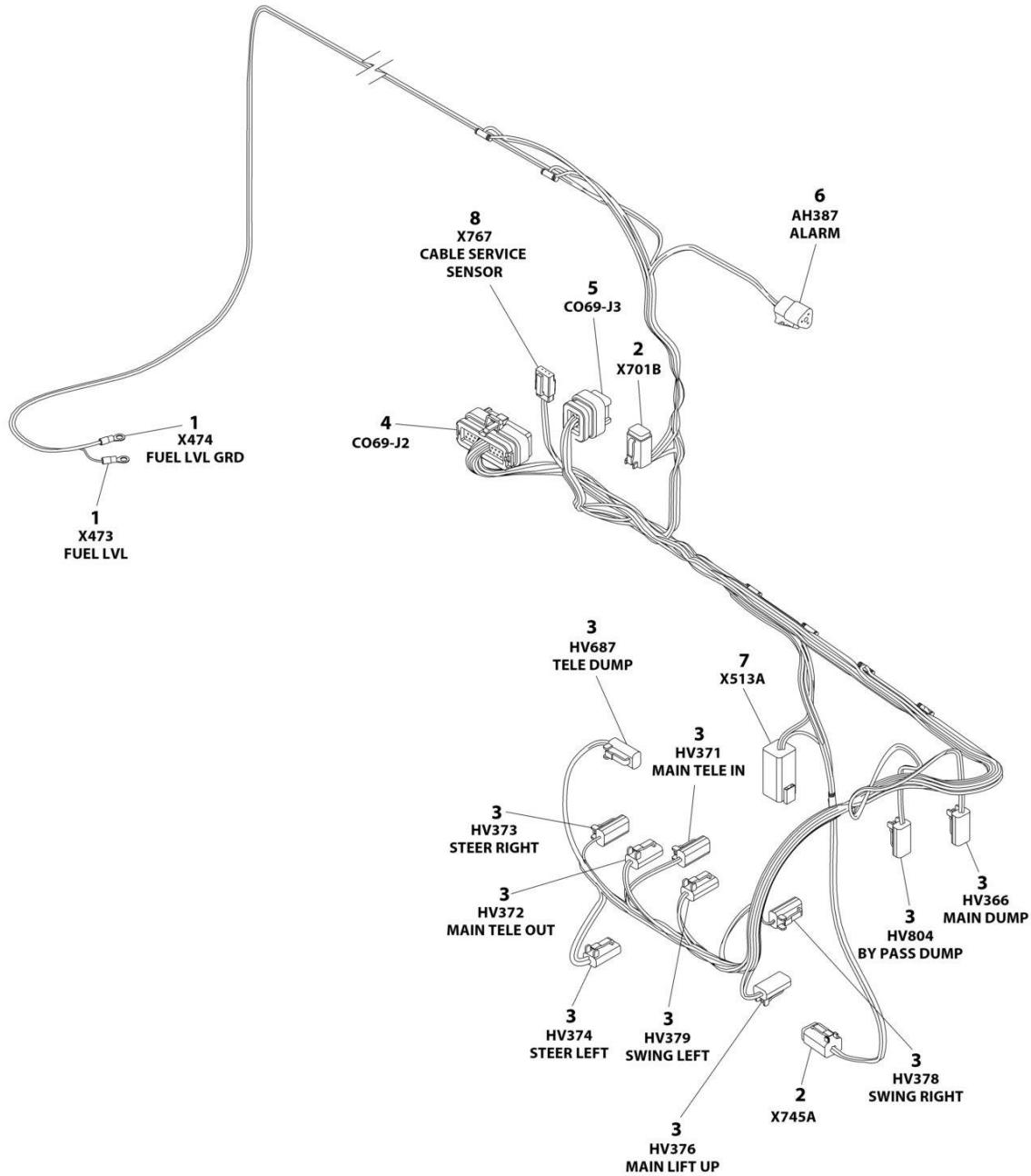
SECTION 8 - ELECTRICAL

FIGURE 8-54. LIFT CYLINDER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001205923	Ref	LIFT CYLINDER HARNESS	
1	4460891	2	Plug, Male - 2 Position	A
1	4460465	4	Socket, Female	
2	4460932	1	Receptacle, Female - 4 Position	
2	4460464	4	Pin, Male	

SECTION 8 - ELECTRICAL

FIGURE 8-55. MAIN VALVE HARNESS (2WS)



ART_1001192909

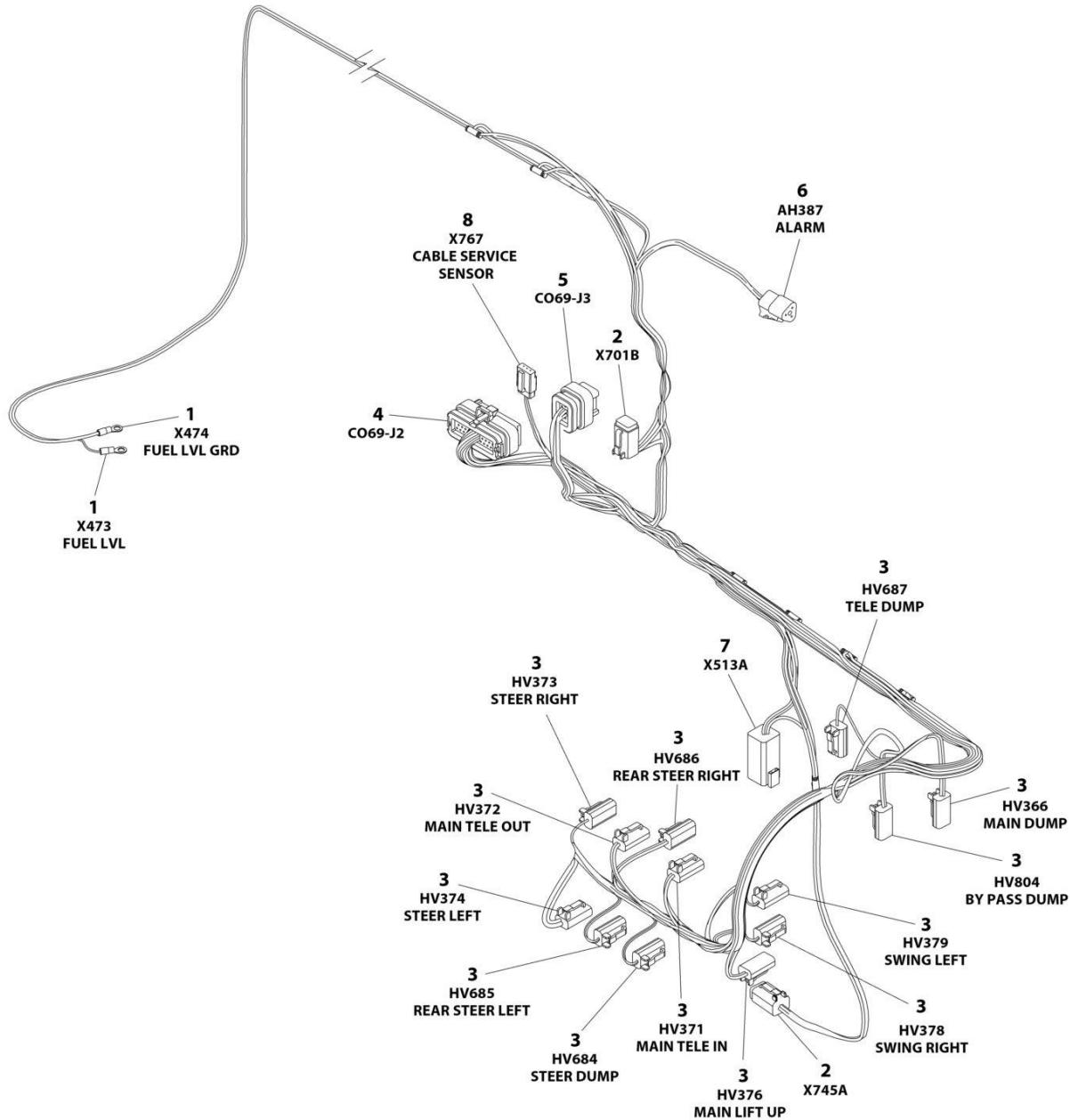
SECTION 8 - ELECTRICAL

FIGURE 8-55. MAIN VALVE HARNESS (2WS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192909	Ref	MAIN VALVE HARNESS	
1	4460313	2	Terminal, Ring	
2	4460884	2	Plug, Male - 4 Position	
2	4460465	8	Socket, Female	
3	4460891	10	Plug, Male - 2 Position	
3	4460465	20	Socket, Female	
4	4460875	1	Connector - 35 Position	
4	4460871	23	Socket, Female	
4	4460905	12	Plug, Terminal	
5	4460872	1	Connector - 14 Position	
5	4460871	7	Socket, Female	
5	4460905	7	Plug, Terminal	
6	4460539	1	Plug, Male - 3 Position	
6	4460465	3	Socket, Female	
7	4460899	1	Receptacle, Female - 6 Position	
7	4460464	4	Pin, Male	
7	4460466	2	Plug, Terminal	
8	4460911	1	Plug, Male - 3 Position	
8	1001116694	3	Socket, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-56. MAIN VALVE HARNESS (4WS)



ART_1001188643

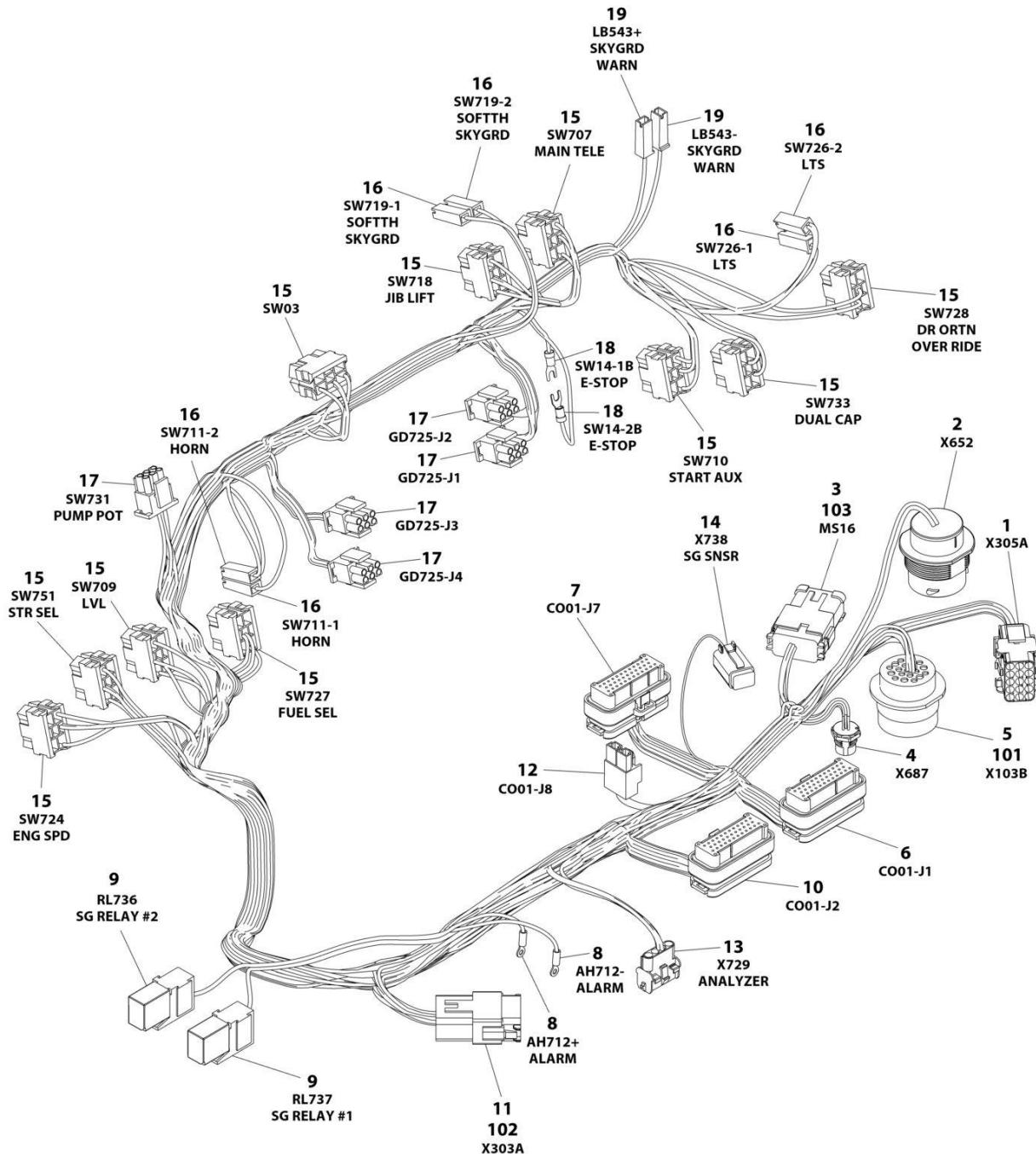
SECTION 8 - ELECTRICAL

FIGURE 8-56. MAIN VALVE HARNESS (4WS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188643	Ref	MAIN VALVE HARNESS	
1	4460313	2	Terminal, Ring	F
2	4460884	2	Plug, Male - 4 Position	
2	4460465	8	Socket, Female	
3	4460891	13	Plug, Male - 2 Position	
3	4460465	26	Socket, Female	
4	4460875	1	Connector - 35 Position	
4	4460871	23	Socket, Female	
4	4460905	12	Plug, Terminal	
5	4460872	1	Connector - 14 Position	
5	4460871	7	Socket, Female	
5	4460905	7	Plug, Terminal	
6	4460539	1	Plug, Male - 3 Position	
6	4460465	3	Socket, Female	
7	4460899	1	Receptacle, Female - 6 Position	
7	4460464	4	Pin, Male	
7	4460466	2	Plug, Terminal	
8	4460911	1	Plug, Male - 3 Position	
8	1001116694	3	Socket, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-57. PLATFORM CONSOLE HARNESS



ART_1001196222

SECTION 8 - ELECTRICAL

FIGURE 8-57. PLATFORM CONSOLE HARNESS

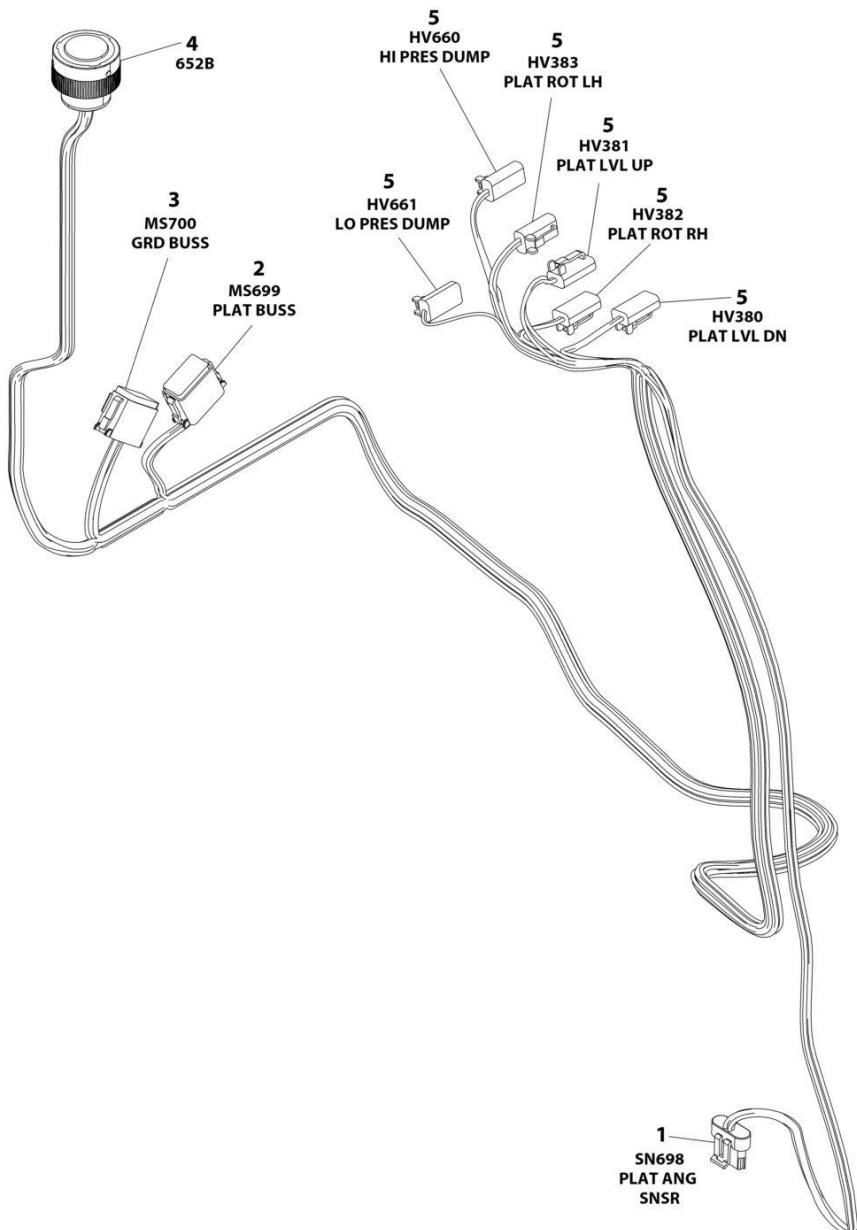
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196222	Ref	PLATFORM CONSOLE HARNESS	
1	4460434	1	Connector - 15 Position	
1	4460267	8	Pin, Male	
2	4460925	1	Connector - 21 Position	
2	1001116695	13	Pin, Male	
2	4460466	8	Plug, Terminal	
3	4460933	1	Plug, Male - 12 Position	
3	4460465	8	Socket, Female	
3	4460466	4	Plug, Terminal	
4	1001213447	1	Connector - 4 Position	
4	See Note	NSS	Terminal (Note: Purchase p/n 1001213447)	
5	4460866	1	Connector - 19 Position	
5	4460464	7	Pin, Male	
5	4460943	2	Pin, Male	
5	1001157891	2	Pin, Male	
5	4460466	8	Plug, Terminal	
6	4460874	1	Connector - 35 Position	
6	4460871	28	Socket, Female	
6	4460905	7	Plug, Terminal	
7	4460873	1	Connector - 35 Position	
7	4460871	24	Socket, Female	
7	4460905	11	Plug, Terminal	
8	1001098122	2	Terminal, Ring	
9	1001186431	2	Relay	
9	1001186432	2	Connector, Relay	
9	1001118384	3	Terminal	
9	1001118388	2	Terminal	
10	4460876	1	Connector - 35 Position	
10	4460871	27	Socket, Female	
10	4460905	8	Plug, Terminal	
11	4460970	1	Receptacle, Female - 12 Position	
11	1001116693	11	Pin, Male	
11	4460466	1	Plug, Terminal	
12	4460879	1	Plug, Male - 2 Position	
12	4460887	2	Terminal	
13	4460761	1	Receptacle, Female - 4 Position	
13	4460267	4	Pin, Male	
14	4460884	1	Plug, Male - 4 Position	
14	4460944	4	Socket, Female	
15	4460418	10	Connector - 6 Position	
15	4460419	20	Terminal	
15	1001159186	17	Terminal	
16	4460260	6	Housing, Terminal	
16	4460259	6	Terminal	
17	4460225	5	Plug, Male - 6 Position	
17	4460227	6	Pin, Male (Note: Used on Pump Potentiometer Connection Only)	
17	4460226	19	Socket, Female	
18	4460183	2	Terminal, Fork	
19	1001116705	2	Terminal	
101	4460708	1	Connector - 12 Position	

SECTION 8 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
102	4460933	1	Plug, Male - 12 Position	
103	1001125677	1	Connector, Bussbar	

SECTION 8 - ELECTRICAL

FIGURE 8-58. PLATFORM VALVE HARNESS (600S)



ART_1001191328

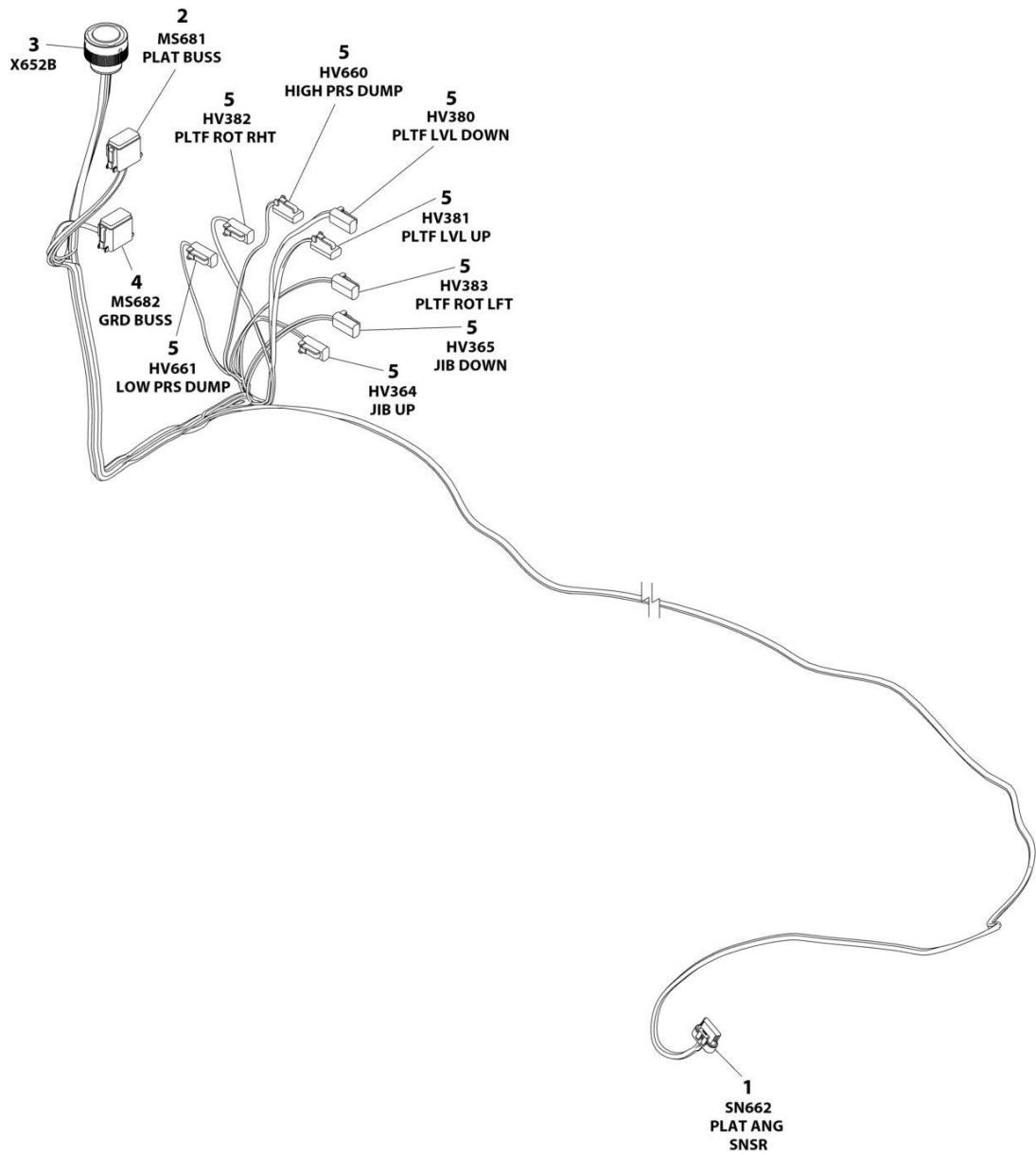
SECTION 8 - ELECTRICAL

FIGURE 8-58. PLATFORM VALVE HARNESS (600S)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191328	Ref	PLATFORM VALVE HARNESS	
1	1001230931	1	Plug, Male - 6 Position	
1	1001116748	6	Terminal	
2	4460933	1	Plug, Male - 12 Position	
2	4460465	6	Socket, Female	
2	4460466	6	Plug, Terminal	
2	1001125677	1	Connector, Bussbar	
2	1001120328	1	Mount, Connector	
3	4460836	1	Plug, Male - 12 Position	
3	4460465	7	Socket, Female	
3	4460466	5	Plug, Terminal	
3	4460837	1	Connector, Bussbar	
3	1001120328	1	Mount, Connector	
4	4460926	1	Connector - 21 Position	
4	4460465	11	Socket, Female	
4	4460466	10	Plug, Terminal	
5	4460891	6	Plug, Male - 2 Position	
5	4460465	12	Socket, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-59. PLATFORM VALVE HARNESS (660SJ)



ART_1001189111

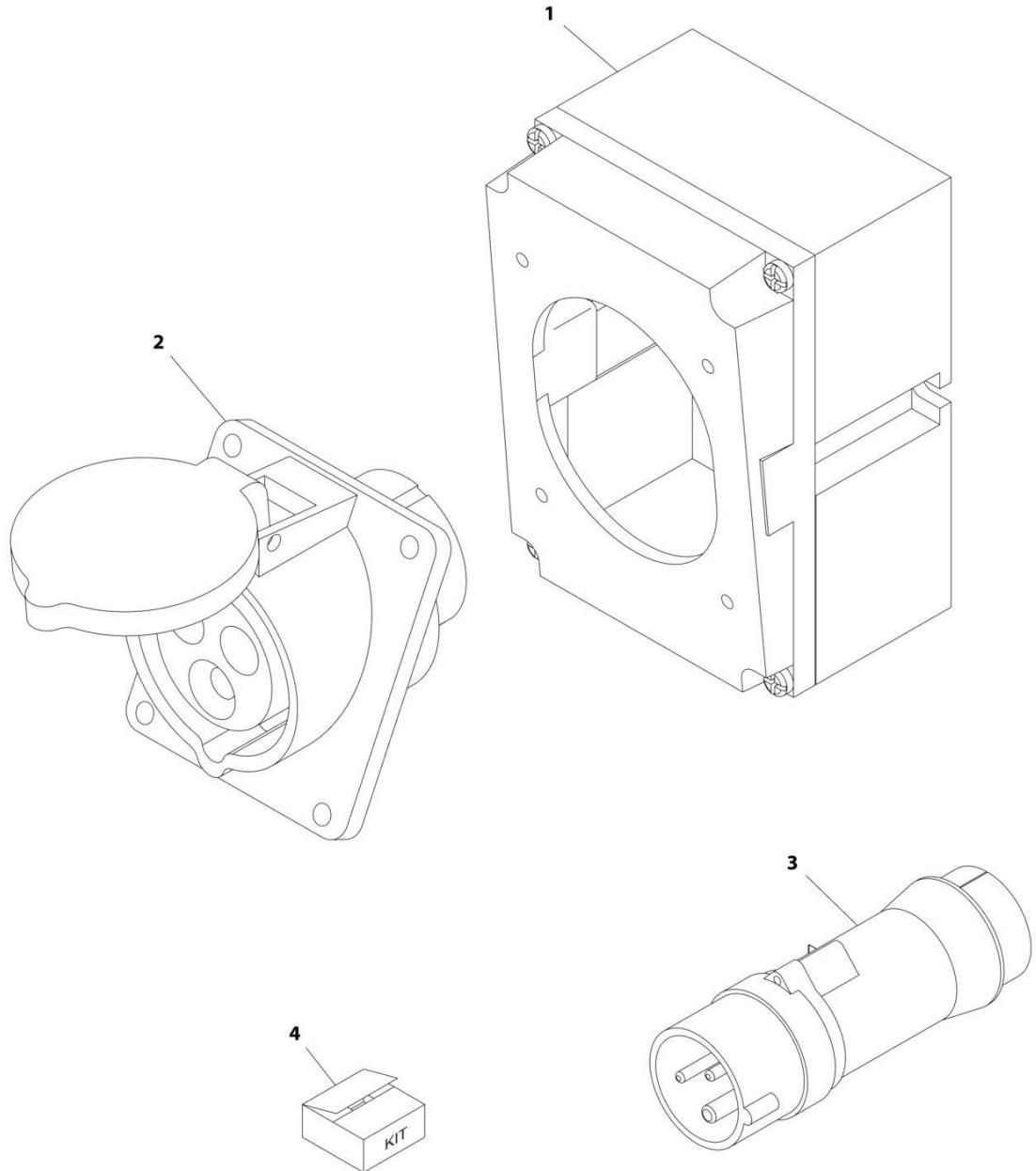
SECTION 8 - ELECTRICAL

FIGURE 8-59. PLATFORM VALVE HARNESS (660SJ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001189111	Ref	PLATFORM VALVE HARNESS	I
1	1001230931	1	Plug, Male - 6 Position	
1	1001116748	6	Terminal	
2	4460933	1	Plug, Male - 12 Position	
2	4460465	6	Socket, Female	
2	4460466	6	Plug, Terminal	
2	1001125677	1	Connector, Bussbar	
3	4460926	1	Connector - 21 Position	
3	4460928	13	Socket, Female	
3	4460518	8	Plug, Terminal	
4	4460836	1	Plug, Male - 12 Position	
4	4460465	9	Socket, Female	
4	4460466	3	Plug, Terminal	
4	4460837	1	Connector, Bussbar	
5	4460891	8	Plug, Male - 2 Position	
5	4460465	16	Socket, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-60. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE SPEC)



ART_0275216

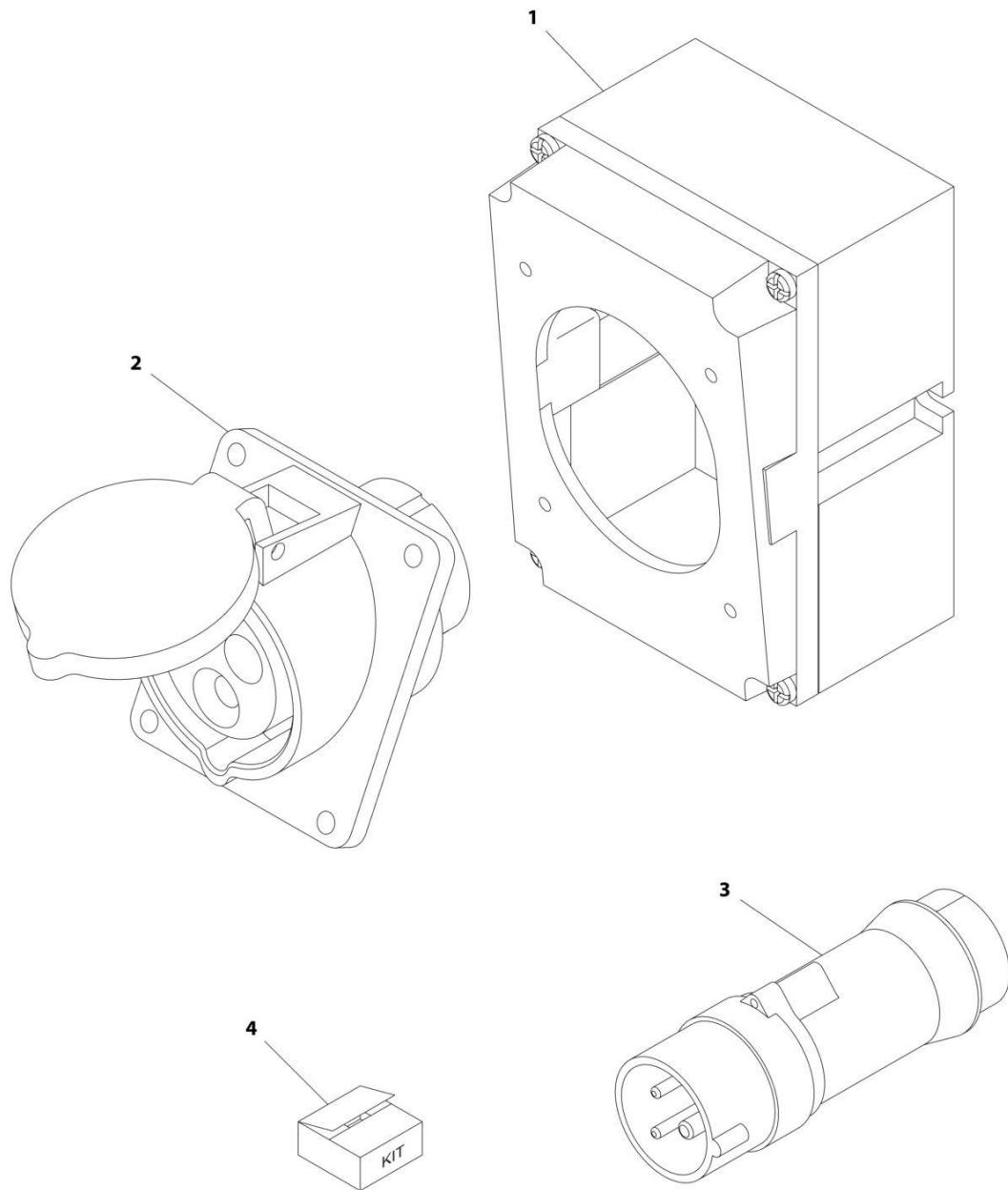
SECTION 8 - ELECTRICAL

FIGURE 8-60. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	0275216	Ref	RECEPTACLE BOX KIT - 110V IEC YELLOW (CE SPEC)	
1	0861781	1	Box, Switch	B
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 8-61. RECEPTACLE BOX KIT - 220V IEC BLUE (CE SPEC)



ART_0275217

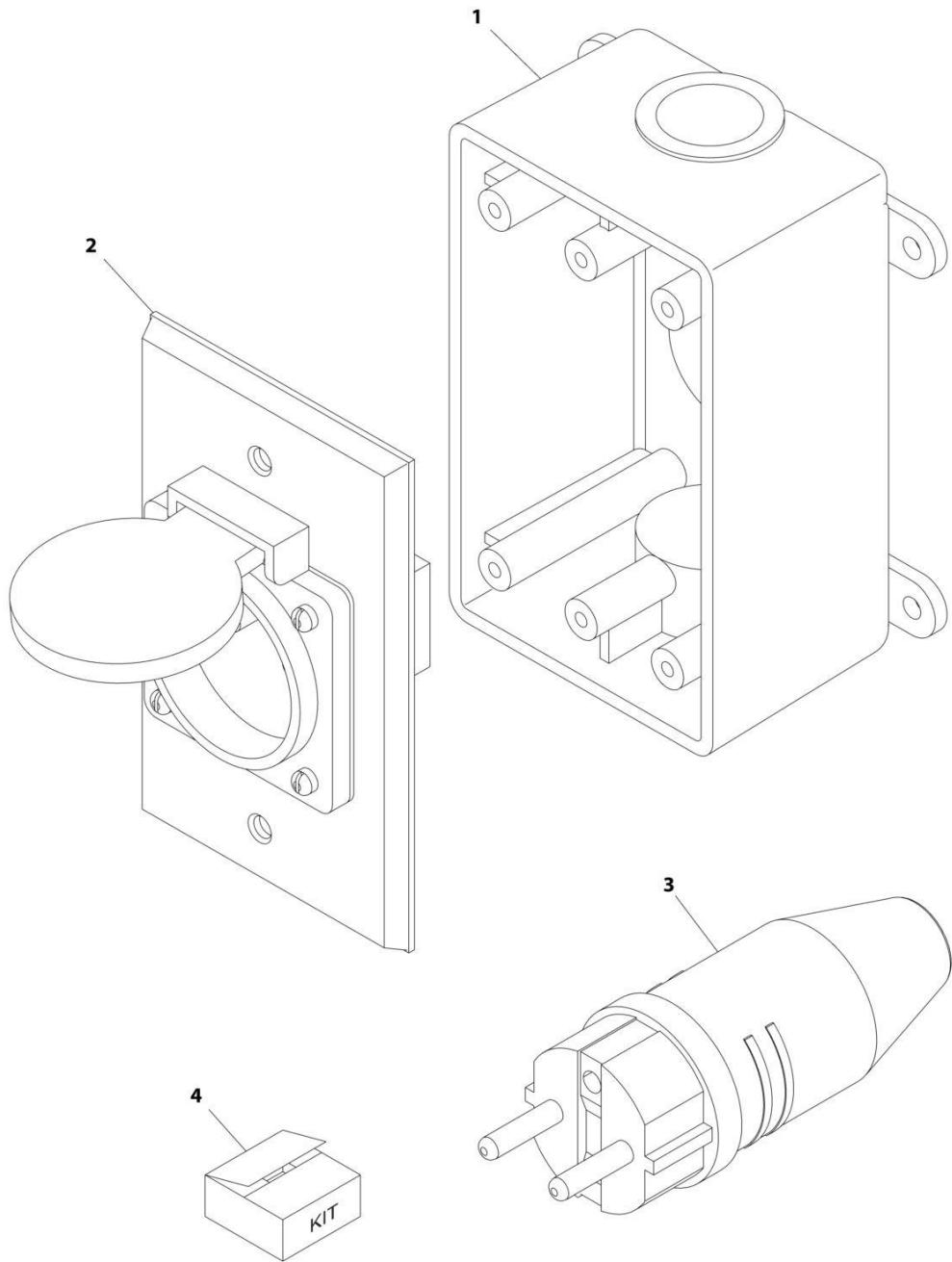
SECTION 8 - ELECTRICAL

FIGURE 8-61. RECEPTACLE BOX KIT - 220V IEC BLUE (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	0275217	Ref	RECEPTACLE BOX KIT - 220V IEC BLUE (CE SPEC)	
1	0861781	1	Box, Switch	B
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 8-62. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2X4 BOX (CE SPEC)



ART_0275452

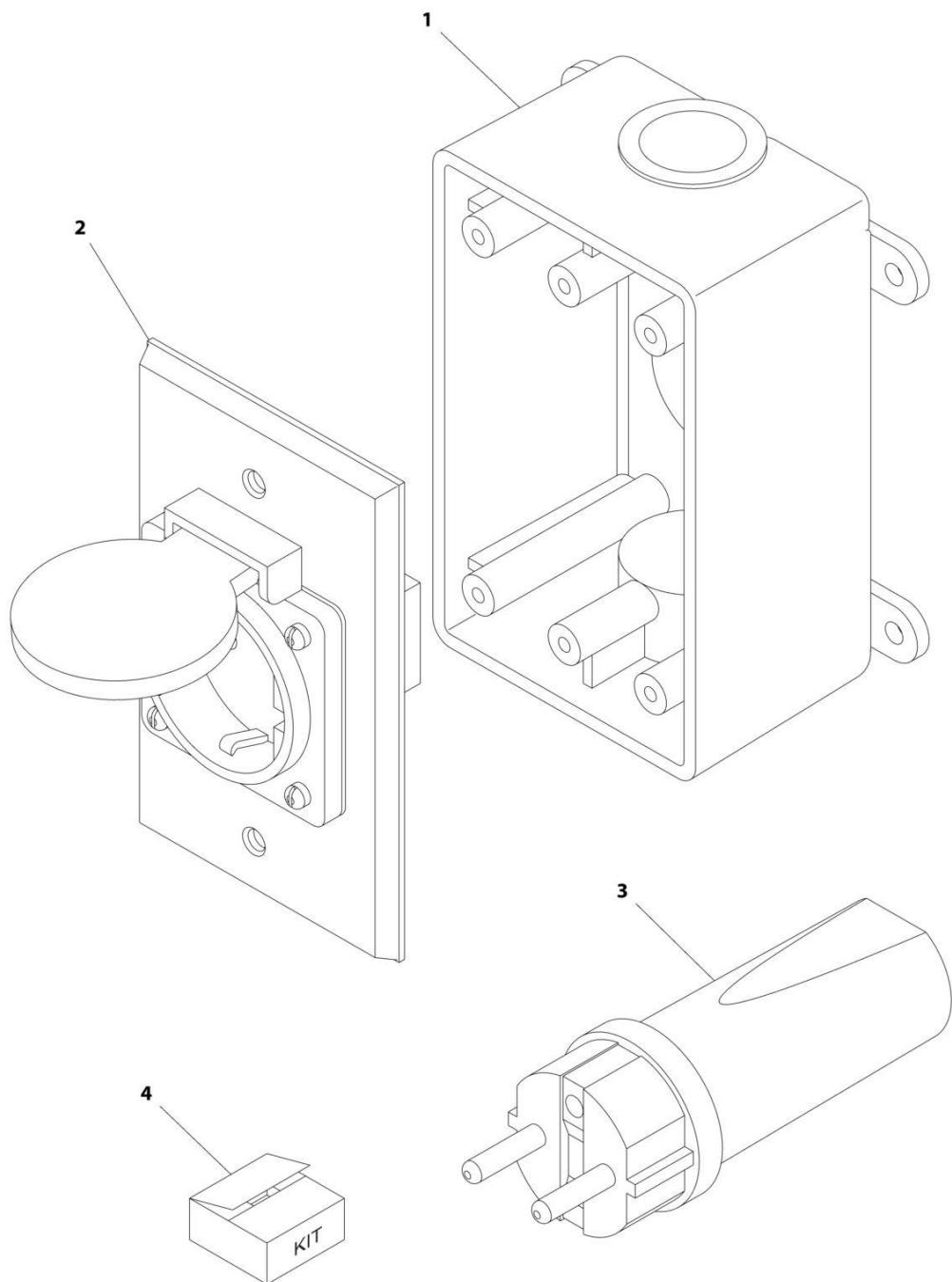
SECTION 8 - ELECTRICAL

FIGURE 8-62. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2X4 BOX (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	0275452	Ref	RECEPTACLE BOX KIT - 220V CEE7 POST GROUND (CE SPEC)	
1	0861731	1	Box, Switch	C
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 8-63. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND (CE SPEC)



ART_0275453

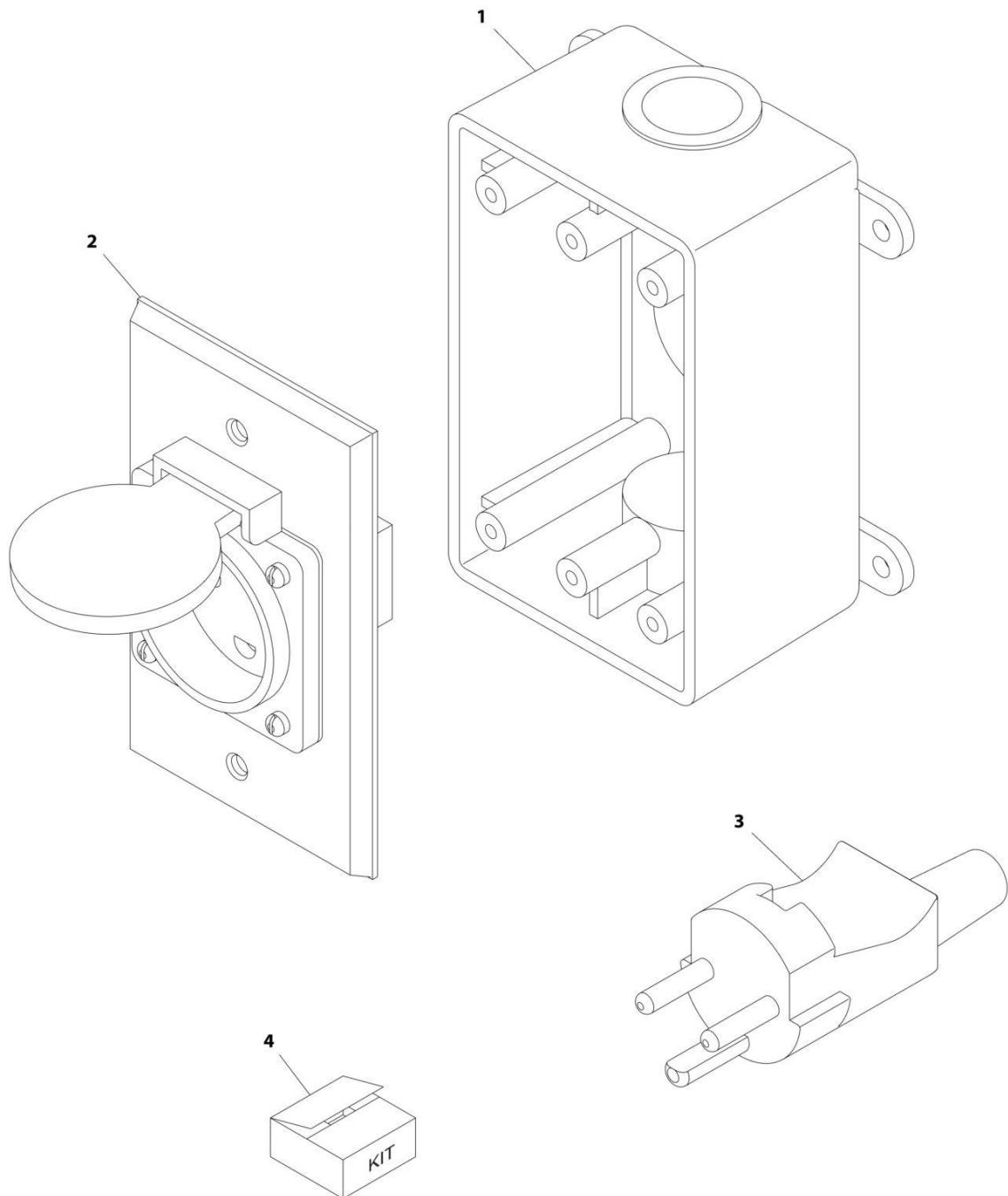
SECTION 8 - ELECTRICAL

FIGURE 8-63. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	0275453	Ref	RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND (CE SPEC)	
1	0861731	1	Box, Switch	B
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 8-64. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE SPEC)



ART_0275454

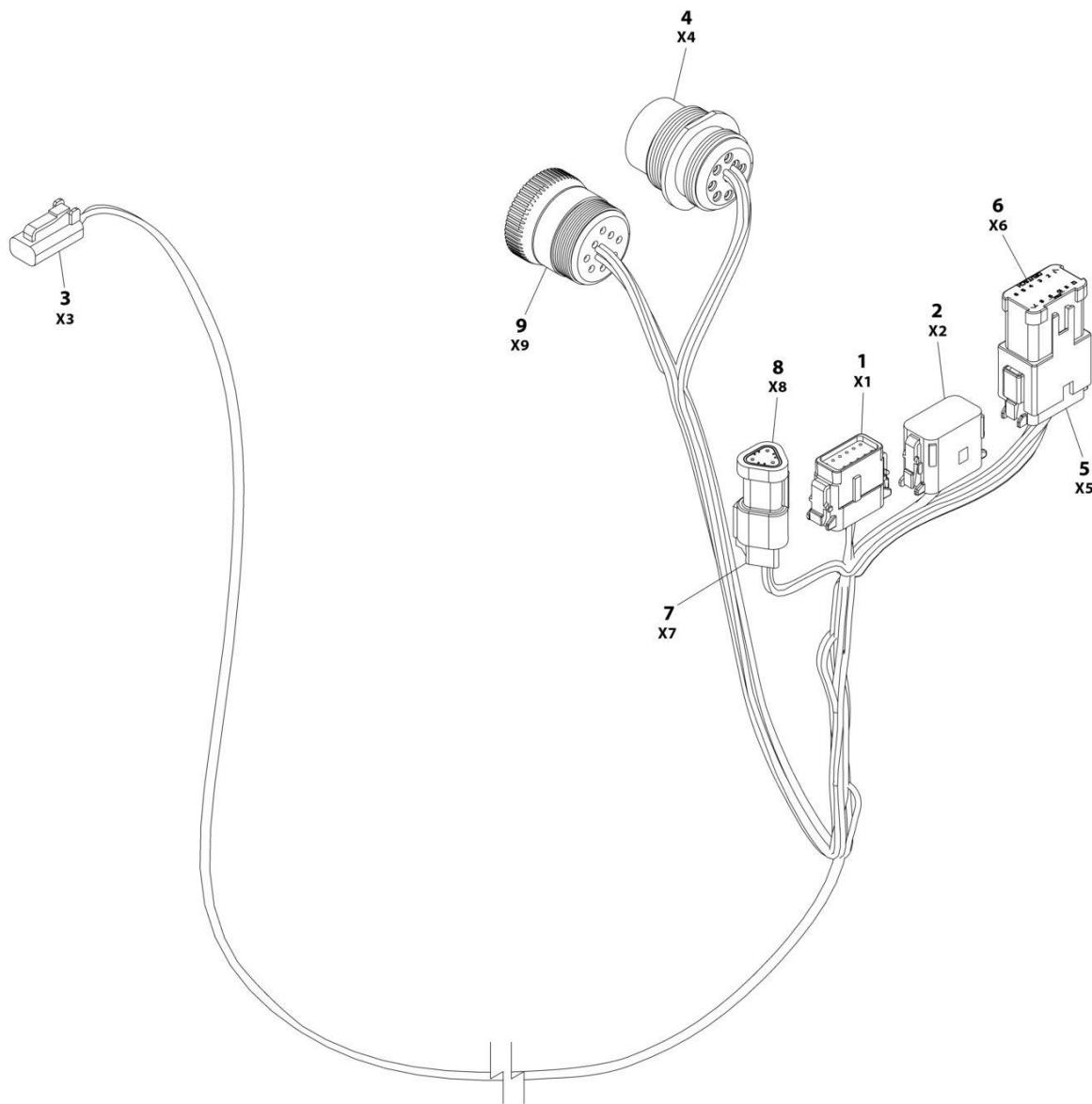
SECTION 8 - ELECTRICAL

FIGURE 8-64. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	0275454	Ref	RECEPTACLE BOX KIT - 220V AFSINT 107 (CE SPEC)	
1	0861731	1	Box, Switch	B
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 8-65. STROBE LIGHT CONTROL HARNESS (BLUE LIGHT)



ART_1001142736

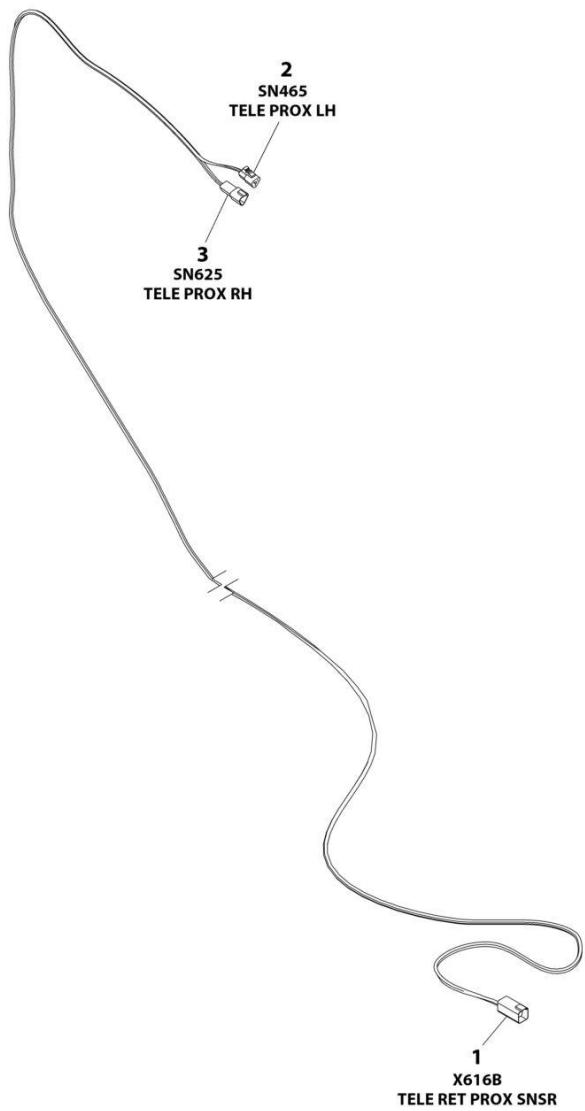
SECTION 8 - ELECTRICAL

FIGURE 8-65. STROBE LIGHT CONTROL HARNESS (BLUE LIGHT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142736	Ref	STROBE LIGHT CONTROL HARNESS (BLUE & RED LIGHTS)	
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 8-66. TELE PROXIMITY HARNESS



ART_1001189003

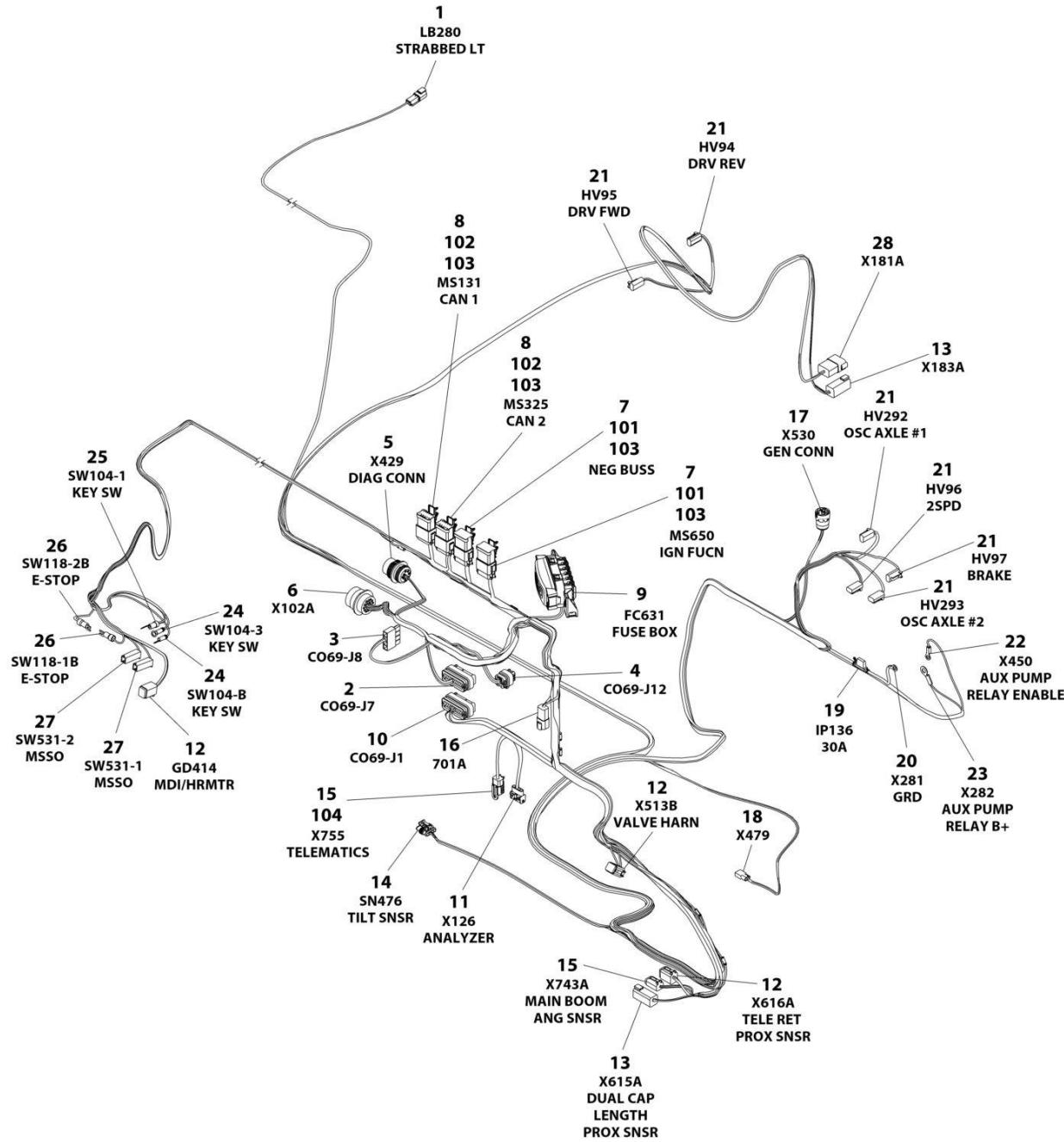
SECTION 8 - ELECTRICAL

FIGURE 8-66. TELE PROXIMITY HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001189003	Ref	TELE PROXIMITY HARNESS	
1	4460899	1	Receptacle, Female - 6 Position	D
1	4460464	6	Pin, Male	
2	4460539	1	Plug, Male - 3 Position	
2	4460465	3	Socket, Female	
3	4460536	1	Receptacle, Female - 3 Position	
3	4460464	3	Pin, Male	

SECTION 8 - ELECTRICAL

FIGURE 8-67. TURNTABLE HARNESS



ART_1001188642

SECTION 8 - ELECTRICAL

FIGURE 8-67. TURNTABLE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188642	Ref	TURNTABLE HARNESS	
1	4460897	1	Receptacle, Female - 2 Position	
1	4460464	9	Pin, Male	
2	4460873	1	Connector - 35 Position	
2	4460871	25	Socket, Female	
2	4460905	10	Plug, Terminal	
3	4460878	1	Plug, Male - 4 Position	
3	4460887	3	Socket, Female	
3	4461271	1	Socket, Female	
4	1001113961	1	Connector - 8 Position	
4	4460871	5	Socket, Female	
4	4460905	3	Plug, Terminal	
5	1001112612	1	Connector - 9 Position	
5	4460464	5	Pin, Male	
5	4460466	4	Plug, Terminal	
6	4460866	1	Connector - 19 Position	
6	4460464	7	Pin, Male	
6	4460508	2	Pin, Male	
6	4460943	2	Pin, Male	
6	4460466	7	Plug, Terminal	
7	4460836	2	Plug, Male - 12 Position	
7	4460465	12	Socket, Female	
7	4460466	12	Plug, Terminal	
8	4460933	2	Plug, Male - 12 Position	
8	4460944	14	Socket, Female	
8	4460466	10	Plug, Terminal	
9	1001185964	1	Box, Fuse Less Fuses	
9	1001196635	1	Fuse 3Amp	
9	8229242	3	Fuse 5Amp	
9	8229244	2	Fuse 15Amp	
9	1001095704	1	Relay	
9	1001129285	2	Diode	
9	1001116728	14	Terminal	
9	4460458	14	Seal, Terminal	
9	8220125	7	Terminal	
9	80963067	7	Seal, Terminal	
9	4460748	27	Plug, Terminal	
10	4460874	1	Connector - 35 Position	
10	4460871	20	Socket, Female	
10	4460905	15	Plug, Terminal	
11	1001119032	1	Receptacle, Female - 4 Position	
11	1001118378	4	Pin, Male	
12	4460894	3	Plug, Male - 6 Position	
12	4460465	10	Socket, Female	
12	4460464	2	Pin, Male	
12	4460466	6	Plug, Terminal	
13	4460899	2	Receptacle, Female - 6 Position	
13	4460464	8	Pin, Male	
14	1001103012	1	Plug, Male - 4 Position	
14	1001107854	4	Terminal	

SECTION 8 - ELECTRICAL

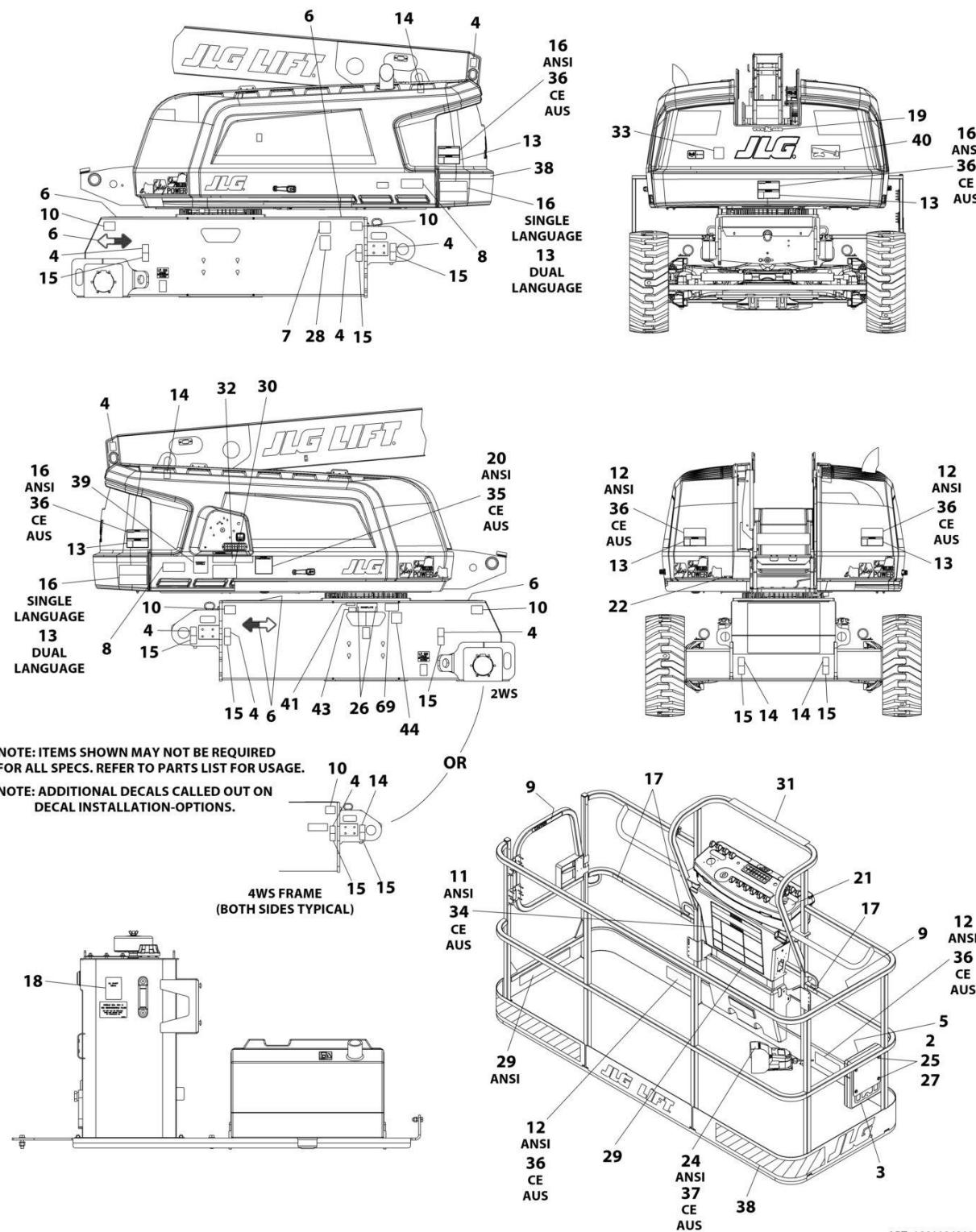
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
14	1001104498	4	Seal, Terminal	
15	4460884	2	Plug, Male - 4 Position	
15	4460465	8	Socket, Female	
16	4460932	1	Receptacle, Female - 4 Position	
16	4460464	4	Pin, Male	
17	4460967	1	Plug, Male - 3 Position	
17	4460465	3	Socket, Female	
18	4460424	1	Receptacle, Female - 2 Position	
18	4460226	6	Socket, Female	
19	1001172064	1	Fuseholder (Includes Cover)	
19	8229245	1	Fuse 30Amp	
20	4460312	1	Terminal, Ring	
21	4460891	6	Plug, Male - 2 Position	
21	4460465	12	Socket, Female	
22	4460043	1	Terminal, Ring	
23	8220045	1	Terminal, Ring	
24	4460247	2	Terminal, Ring	
25	4460042	1	Terminal, Ring	
26	4460183	2	Terminal, Ring	
27	4460260	2	Cover, Terminal	
27	4460259	2	Terminal	
28	4460931	2	Receptacle, Female - 8 Position	
28	4460464	3	Pin, Male	
28	4460466	5	Plug, Terminal	
101	4460837	2	Connector, Bussbar	
102	1001125677	2	Connector, Bussbar	
103	1001121172	4	Mount, Connector	
104	1001192401	1	Cap, Dust	

SECTION 9 - DECALS

SECTION 9 - DECALS

SECTION 9 - DECALS

FIGURE 9-1. DECAL INSTALLATION - 600S (ANSI SPECS - ENGLISH LANGUAGE)



ART_1001194213

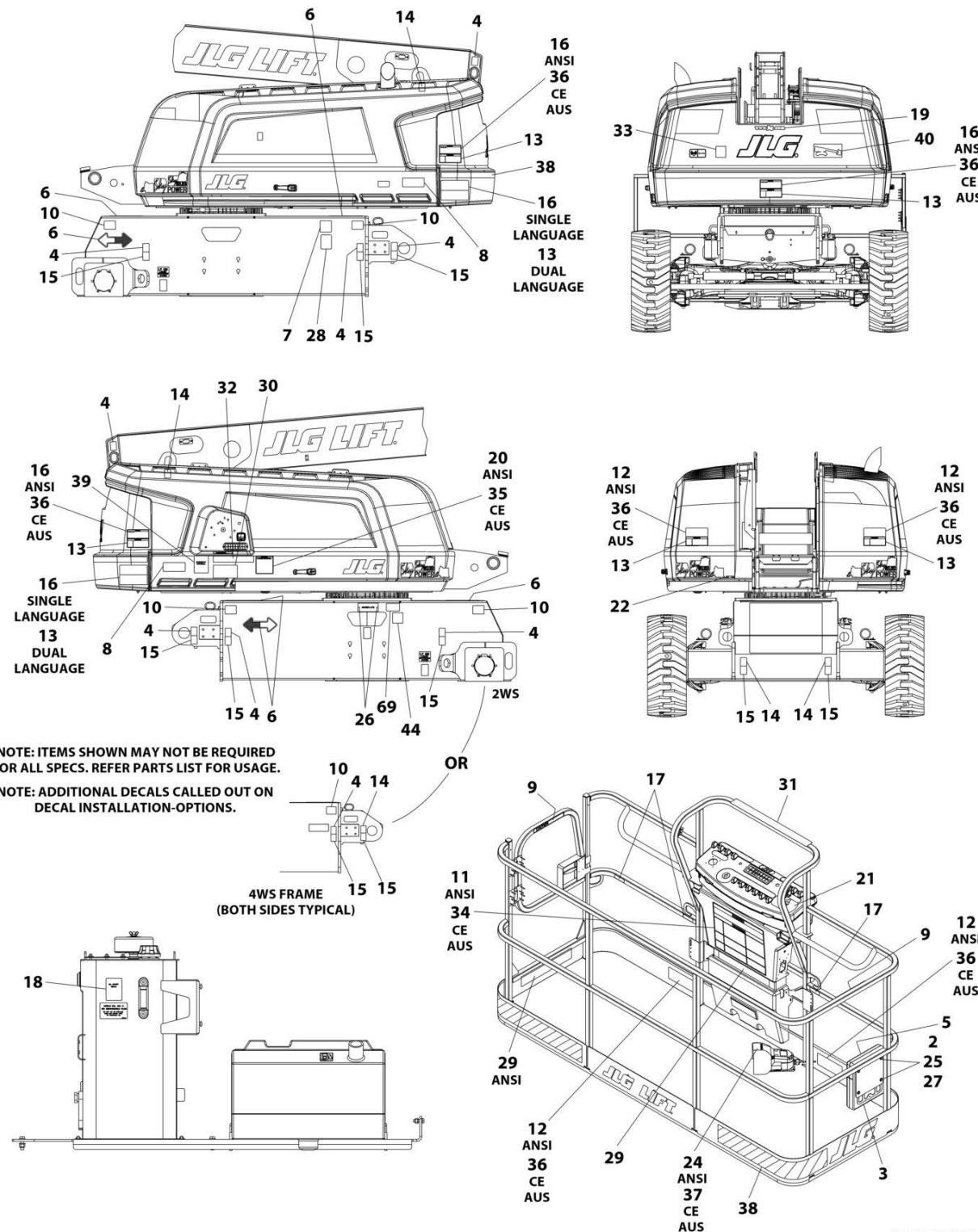
SECTION 9 - DECALS

FIGURE 9-1. DECAL INSTALLATION - 600S (ANSI SPECS - ENGLISH LANGUAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194213	Ref	DECAL INSTALLATION	
2	0700610	4	Bolt M6 x 20	
3	91403230	1	Box, Manual Storage	
4	1701499	8	Decal - No Tie Down/Lift	
5	1701509	1	Decal, Manual	
6	1701529	4	Decal - Arrow	
7	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
8	1702815	2	Decal - 600S	
9	1702868	2	Decal - No Hands	
10	1001216059	4	Decal - Maximum Tire Load	
11	1703797	1	Decal - Danger/Warning	
12	1703804	4	Decal - Warning/Crushing	
13	1703805	1	Decal - Electrocution	
14	1703811	4	Decal - Lifting Lug	
15	1703814	8	Decal - Tie Down	
16	1703953	3	Decal - Warning/Crushing	
17	1704277	3	Decal - Lanyard Attach	
18	1704412	1	Decal - Hydraulic Oil	
19	1704885	1	Decal - Website	
20	1705336	1	Decal - Danger/Warning	
21	1705351	1	Decal - Drive/Steer Instruction	
22	3251243	1	Decal - 120V/60Hz	
24	3252347	1	Nameplate - Footswitch	
25	3290605	4	Nut M6	
26	3820001	2	Rivet	
27	4811700	8	Washer M6	
28	1001131269	1	Decal - Patent	
29	1001171335	2	Decal - Warning Dual Capacity	
30	1001171336	1	Decal - Warning Dual Capacity	
31	1001173262	1	Decal - Legend	
32	1001174313	1	Decal - Legend	
40	1001215615	1	Decal - Lift Diagram	
41	1705514	1	Decal - CSA	
43	1001228370	1	Decal - ICES (Canada) (SN 0300235168 through 0300237156, SN B300002655 through B300002668)	
43	1001223453	1	Decal - ICES (Canada) (SN 0300237157 to Present, SN B300002669 to Present)	
44	1001223055	1	Decal - Yearly Inspection	

SECTION 9 - DECALS

FIGURE 9-2. DECAL INSTALLATION - 600S (BRAZIL SPECS - PORTUGUESE/SPANISH LANGUAGES)



ART_1001194221

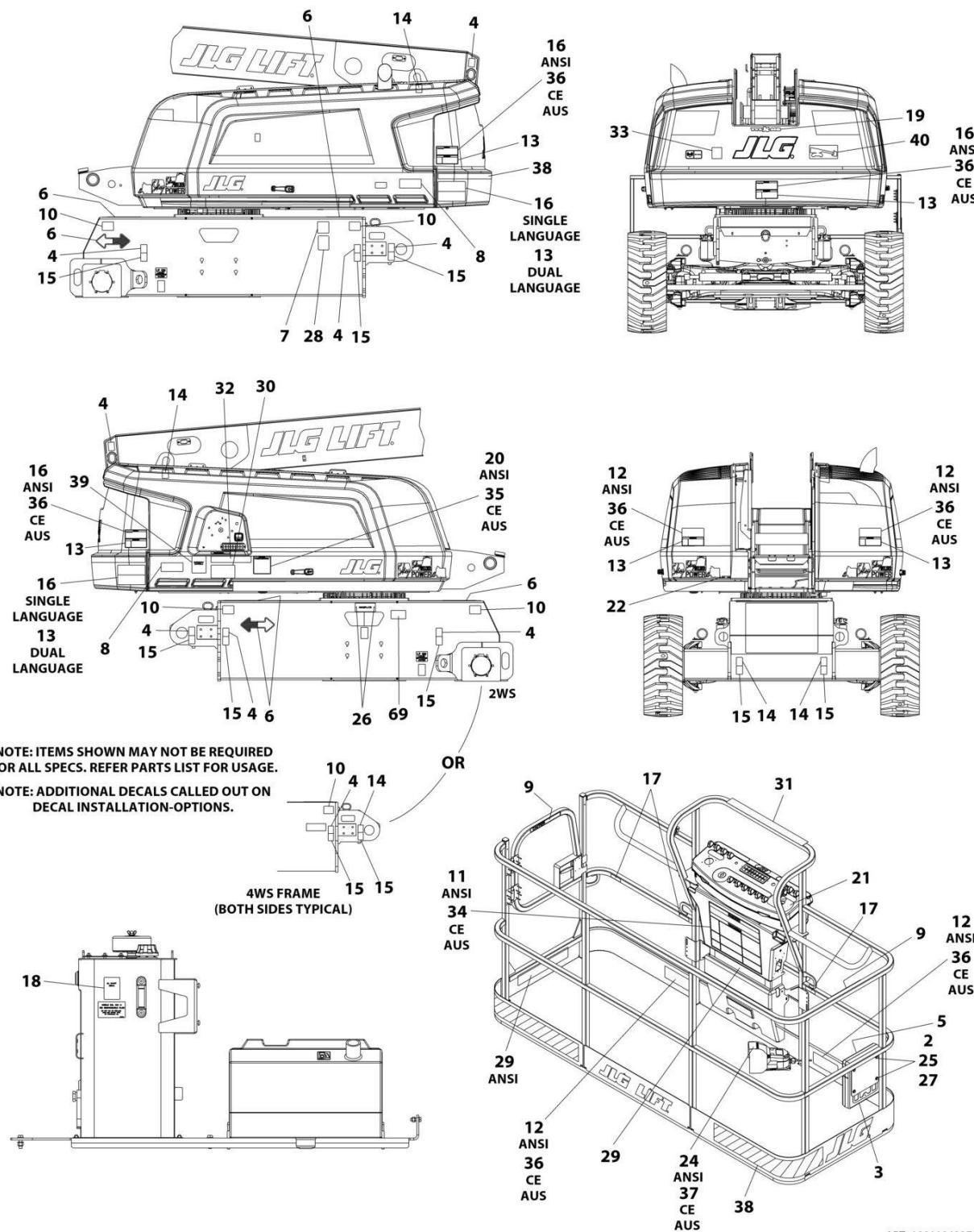
SECTION 9 - DECALS

FIGURE 9-2. DECAL INSTALLATION - 600S (BRAZIL SPECS - PORTUGUESE/SPANISH LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194221	Ref	DECAL INSTALLATION	
2	0700610	4	Bot M6 x 20	D
3	91403230	1	Box, Manual Storage	
4	1701499	8	Decal - No Tie Down/Lift	
5	1701509	1	Decal - Manual	
6	1701529	4	Decal - Arrow	
7	See Note	NSS	Decal - Bar Code (Note: Not Available For Purchase)	
8	1702815	2	Decal - 600S	
9	1704002	2	Decal - No Hands	
10	1001216059	4	Decal - Maximum Tire Load	
11	1703928	1	Decal - Danger/Warning	
12	1703952	4	Decal - Warning/Crushing	
13	1703940	5	Decal - Electrocution	
14	1703811	4	Decal - Lifting Lug	
15	1703814	8	Decal - Tie Down	
16	1703946	3	Decal - Warning/Crushing	
17	1704277	3	Decal - Lanyard Attach	
18	1704412	1	Decal - Hydraulic Oil	
19	1704885	1	Decal - Website	
20	1705349	1	Decal - Warning/Inspection	
21	1001113680	1	Decal - Drive/Steer Instruction	
22	3251243	1	Decal - 120V/60Hz	
24	1703985	1	Nameplate - Footswitch	
25	3290605	4	Nut M6	
26	3820001	2	Rivet	
27	4811700	8	Washer M6	
29	1001171359	2	Decal - Warning Dual Capacity	
30	1001171360	1	Decal - Warning Dual Capacity	
31	1001173262	1	Decal - Legend	
32	1001174313	1	Decal - Legend	
40	1001215615	1	Decal - Lift Diagram	
44	1001224052	1	Decal - Yearly Inspection	

SECTION 9 - DECALS

FIGURE 9-3. DECAL INSTALLATION - 600S (CE SPECS - ENGLISH LANGUAGE)



ART_1001194227

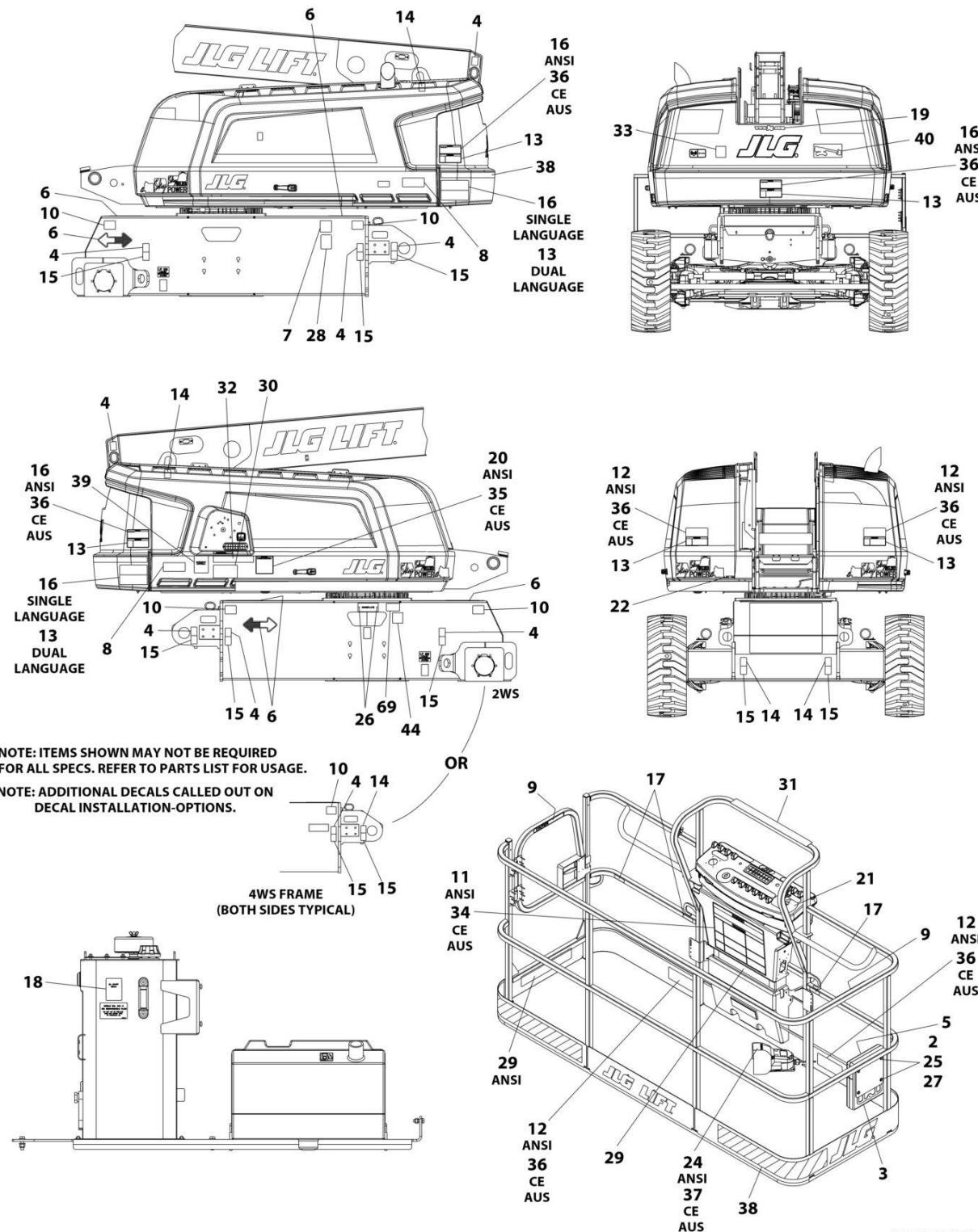
SECTION 9 - DECALS

FIGURE 9-3. DECAL INSTALLATION - 600S (CE SPECS - ENGLISH LANGUAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194227	Ref	DECAL INSTALLATION	
2	0700610	4	Bolt M6 x 20	
3	91403230	1	Box, Manual Storage	
4	1701499	8	Decal - No Tie Down/Lift	
5	1701509	1	Decal - Manual	
6	1701529	4	Decal - Arrow	
7	See Note	NSS	Decal - Bar Code (Note: Not Available For Purchase)	
8	1702815	2	Decal - 600S	
10	1001216059	4	Decal - Maximum Tire Load	
13	1705961	5	Decal - Electrocution	
14	1703811	4	Decal - Lifting Lug	
15	1703814	8	Decal - Tie Down	
17	1704277	3	Decal - Lanyard Attach	
18	1704412	1	Decal - Hydraulic Oil	
25	3290605	4	Nut M6	
26	3820001	2	Rivet	
27	4811700	8	Washer M6	
29	1001185237	1	Decal - Warning Maximum Capacity	
30	1001185237	1	Decal - Warning Maximum Capacity	
34	1705921	1	Decal - Tipping/Electrocution	
35	1705822	1	Decal - Electrocution/Safety Manual	
36	1701518	7	Decal - Crushing	
37	1705828	1	Nameplate - Footswitch	
38	4420051	208 in/ 5.3m	Tape, Safety	
40	1001215615	1	Decal - Lift Diagram	

SECTION 9 - DECALS

FIGURE 9-4. DECAL INSTALLATION - 600S (CHINESE SPECS - ENGLISH/SIMPLIFIED CHINESE LANGUAGES)



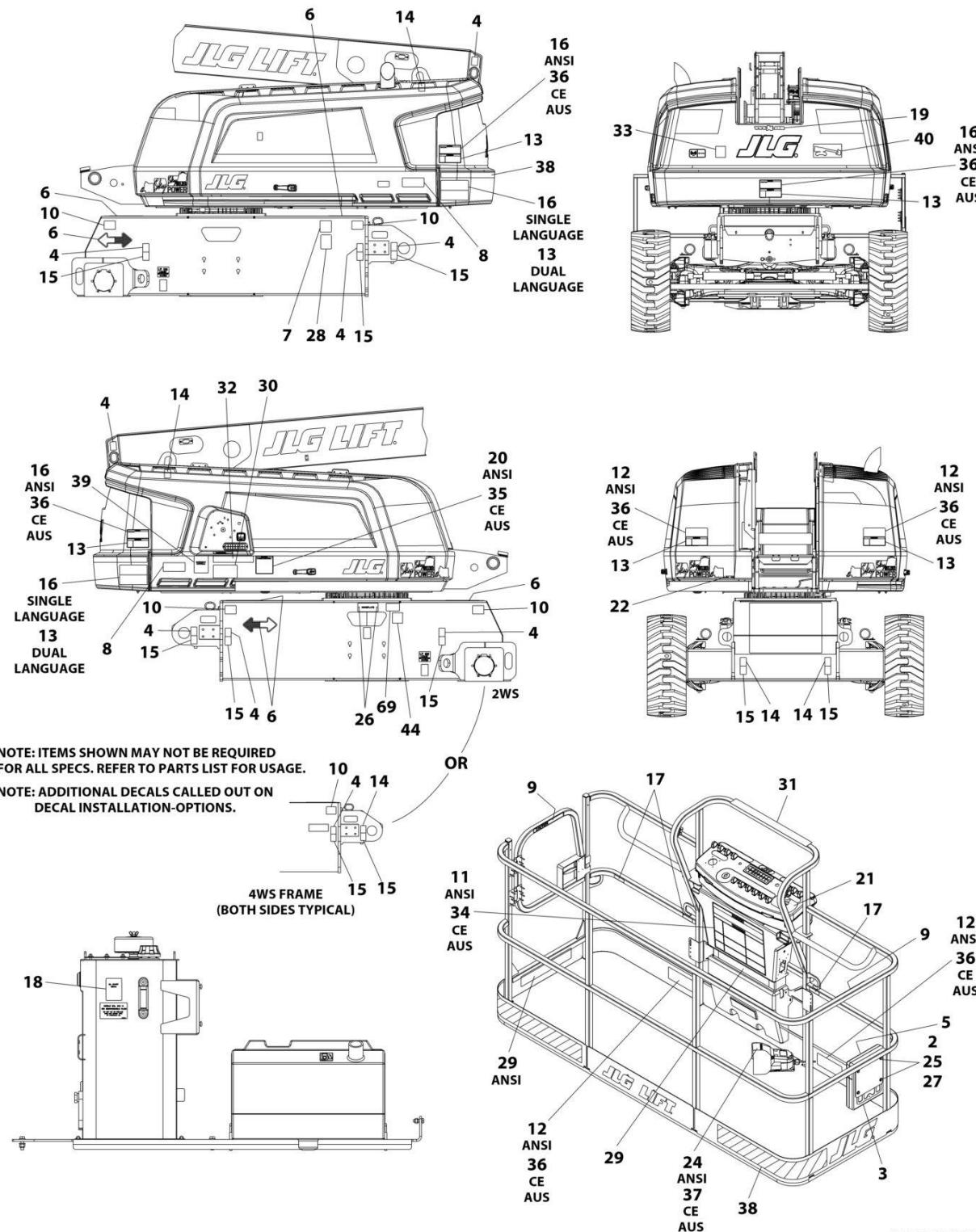
SECTION 9 - DECALS

FIGURE 9-4. DECAL INSTALLATION - 600S (CHINESE SPECS - ENGLISH/SIMPLIFIED CHINESE LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194219	Ref	DECAL INSTALLATION	
2	0700610	4	Bolt M6 x 20	D
3	91403230	1	Box, Manual Storage	
4	1701499	8	Decal - No Tie Down/Lift	
5	1701509	1	Decal - Manual	
6	1701529	4	Decal - Arrow	
7	See Note	1	Decal - Bar Code (Note: Not Available for Purchase)	
8	1702815	2	Decal - 600S	
9	1705968	2	Decal - No Hands	
10	1001216059	4	Decal - Maximum Tire Load	
11	1001116847	1	Decal - Warning	
12	1001116850	4	Decal - Warning/Crushing	
13	1703937	5	Decal - Electrocution	
14	1703811	4	Decal - Lifting Lug	
15	1703814	8	Decal - Tie Down	
16	1001116845	3	Decal - Warning/Crushing	
17	1704277	3	Decal - Lanyard Attach	
18	1704412	1	Decal - Hydraulic Oil	
19	1704885	1	Decal - Website	
20	1001116848	1	Decal - Warning/Inspection	
21	1705430	1	Decal - Drive Steer	
22	3251243	1	Decal - 120V/60Hz	
24	1001116852	1	Decal - Footswitch	
25	3290605	4	Nut M6	
26	3820001	2	Rivet	
27	4811700	8	Washer M6	
29	1001216739	2	Decal - Warning Dual Capacity	
30	1001216740	1	Decal - Warning Dual Capacity	
31	1001173262	1	Decal - Legend	
32	1001174313	1	Decal - Legend	
38	4420051	208 ft/ 5.3m	Tape, Safety	
40	1001215615	1	Decal - Lift Diagram	
44	1001224051	1	Decal - Yearly Inspection	

SECTION 9 - DECALS

FIGURE 9-5. DECAL INSTALLATION - 600S (CHINESE SPECS - ENGLISH/TRADITIONAL CHINESE LANGUAGES)



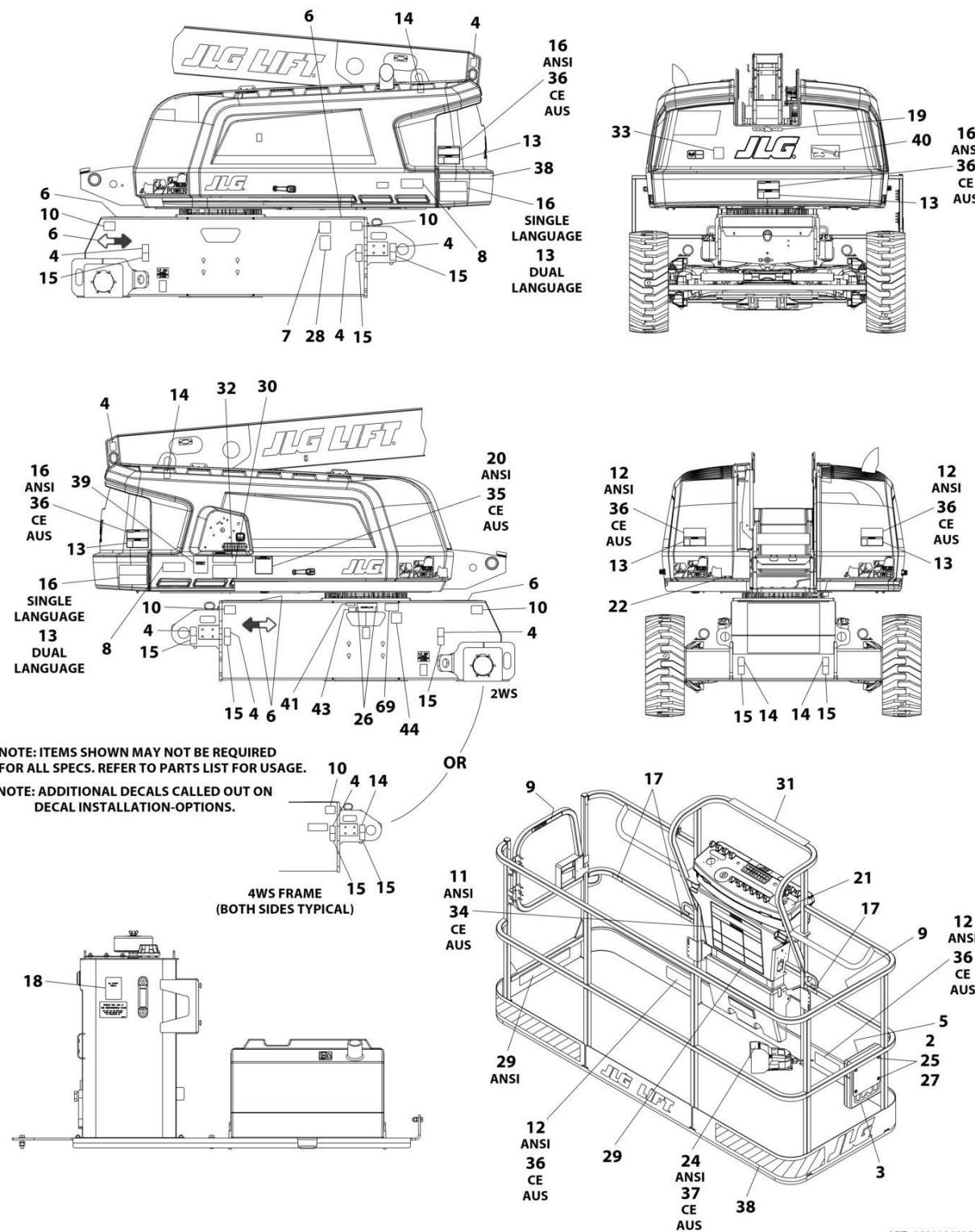
SECTION 9 - DECALS

FIGURE 9-5. DECAL INSTALLATION - 600S (CHINESE SPECS - ENGLISH/TRADITIONAL CHINESE LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194217	Ref	DECAL INSTALLATION	
2	0700610	4	Bolt M6 x 20	D
3	91403230	1	Box, Manual Storage	
4	1701499	8	Decal - No Tie Down/Lift	
5	1701509	1	Decal - Manual	
6	1701529	4	Decal - Arrow	
7	See Note	1	Decal - Bar Code (Note: Not Available For Purchase)	
8	1702815	2	Decal - 600S	
9	1001116846	2	Decal - No Hands	
10	1001216059	4	Decal - Maximum Tire Load	
11	1703925	1	Decal - Danger/Warning	
12	1703949	4	Decal - Crushing	
13	1001116851	5	Decal - Electrocution	
14	1703811	4	Decal - Lifting Lug	
15	1703814	8	Decal - Tie Down	
16	1703943	3	Decal - Warning/Crushing	
17	1704277	3	Decal - Lanyard Attach	
18	1704412	1	Decal - Hydraulic Oil	
19	1704885	1	Decal - Website	
20	1001116849	1	Decal - Warning/Inspection	
21	1001116863	1	Decal - Drive/Steer Instruction	
22	3251243	1	Decal - 120V/60Hz	
24	1703982	1	Nameplate - Footswitch	
25	3290605	4	Nut M6	
26	3820001	2	Rivet	
27	4811700	8	Washer M6	
29	1001171355	2	Decal - Warning Dual Capacity	
30	1001171356	1	Decal - Warning Dual Capacity	
31	1001173262	1	Decal - Legend	
32	1001174313	1	Decal - Legend	
38	4420051	208 in/ 5.3m	Tape, Safety	
40	1001215615	1	Decal - Lift Diagram	
44	1001224050	1	Decal - Yearly Inspection	

SECTION 9 - DECALS

FIGURE 9-6. DECAL INSTALLATION - 600S (CSA SPECS - ENGLISH/FRENCH LANGUAGES)



ART_1001194225

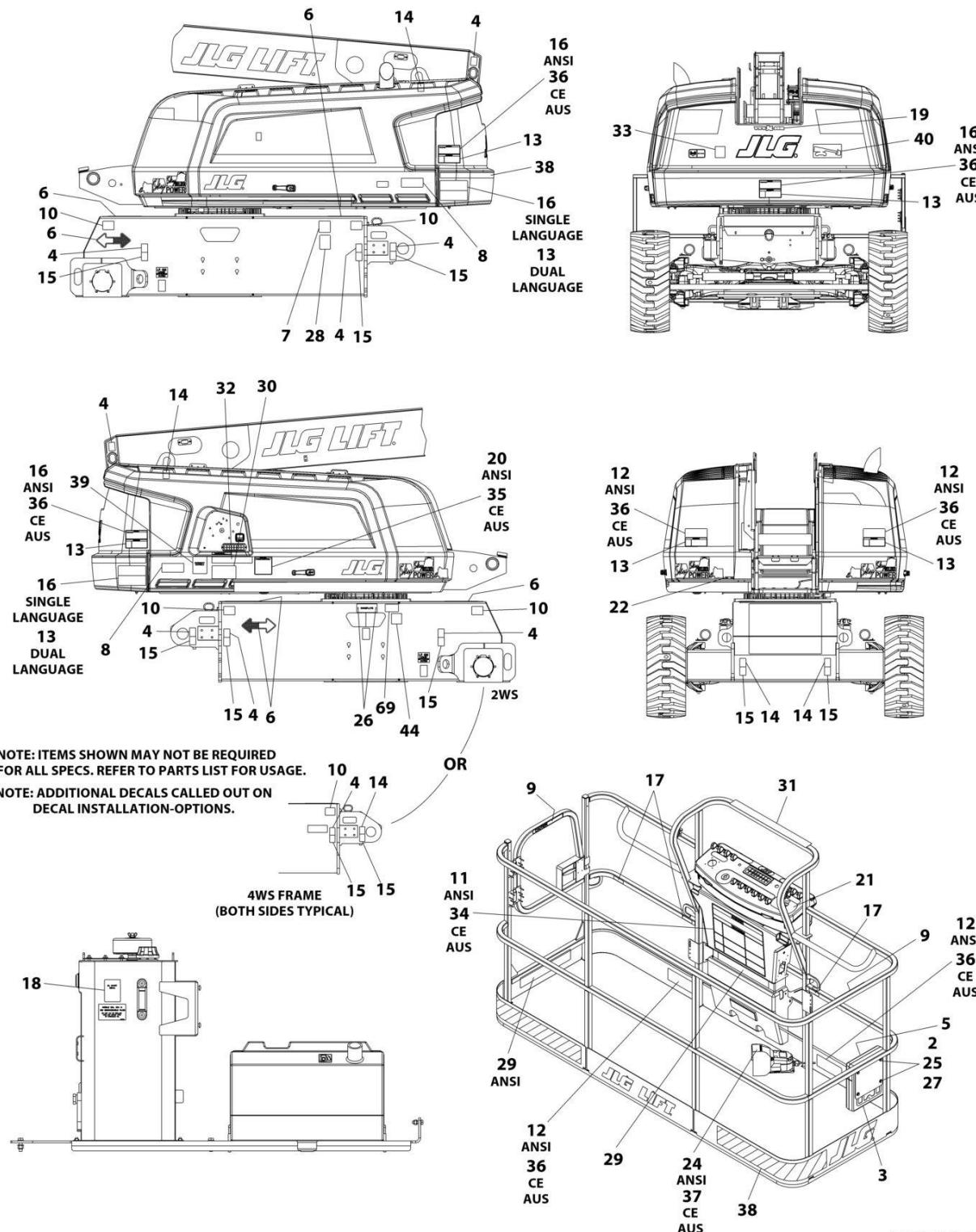
SECTION 9 - DECALS

FIGURE 9-6. DECAL INSTALLATION - 600S (CSA SPECS - ENGLISH/FRENCH LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194225	Ref	DECAL INSTALLATION	
2	0700610	4	Bolt M6 x 20	
3	91403230	1	Box, Manual Storage	
4	1701499	8	Decal - No Tie Down/Lift	
5	1701509	1	Decal - Manual	
6	1701529	4	Decal - Arrow	
7	See Note	NSS	Decal - Bar Code (Note: Not Available For Purchase)	
8	1702815	2	Decal - 600S	
9	1704000	2	Decal - No Hands	
10	1001216059	4	Decal - Maximum Tire Load	
11	1703924	1	Decal - Danger/Warning	
12	1703948	4	Decal - Warning/Crushing	
13	1703936	5	Decal - Electrocution	
14	1703811	4	Decal - Lifting Lug	
15	1703814	8	Decal - Tie Down	
16	1703942	3	Decal - Crushing	
17	1704277	3	Decal - Lanyard Attach	
18	1704412	1	Decal - Hydraulic Oil	
19	1704885	1	Decal - Website	
20	1705347	1	Decal - Warning/Inspection	
21	1705429	1	Decal - Drive/Steer Instruction	
22	3251243	1	Decal - 120V/60Hz	
24	1703984	1	Nameplate - Footswitch	
25	3290605	4	Nut M6	
26	3820001	2	Rivet	
27	4811700	8	Washer M6	
28	1001131269	1	Decal - Patent	
29	1001171351	2	Decal - Warning Dual Capacity	
30	1001171352	1	Decal - Warning Dual Capacity	
31	1001173262	1	Decal - Legend	
32	1001174313	1	Decal - Legend	
40	1001215615	1	Decal - Lift Diagram	
41	1705514	1	Decal - CSA	
43	1001228370	1	Decal - ICES (Canada) (SN 0300235168 through 0300237156)	
43	1001223453	1	Decal - ICES (Canada) (SN 0300237157 to Present)	
44	1001223971	1	Decal - Yearly Inspection	

SECTION 9 - DECALS

FIGURE 9-7. DECAL INSTALLATION - 600S (JAPANESE SPECS - ENGLISH/JAPANESE LANGUAGES)



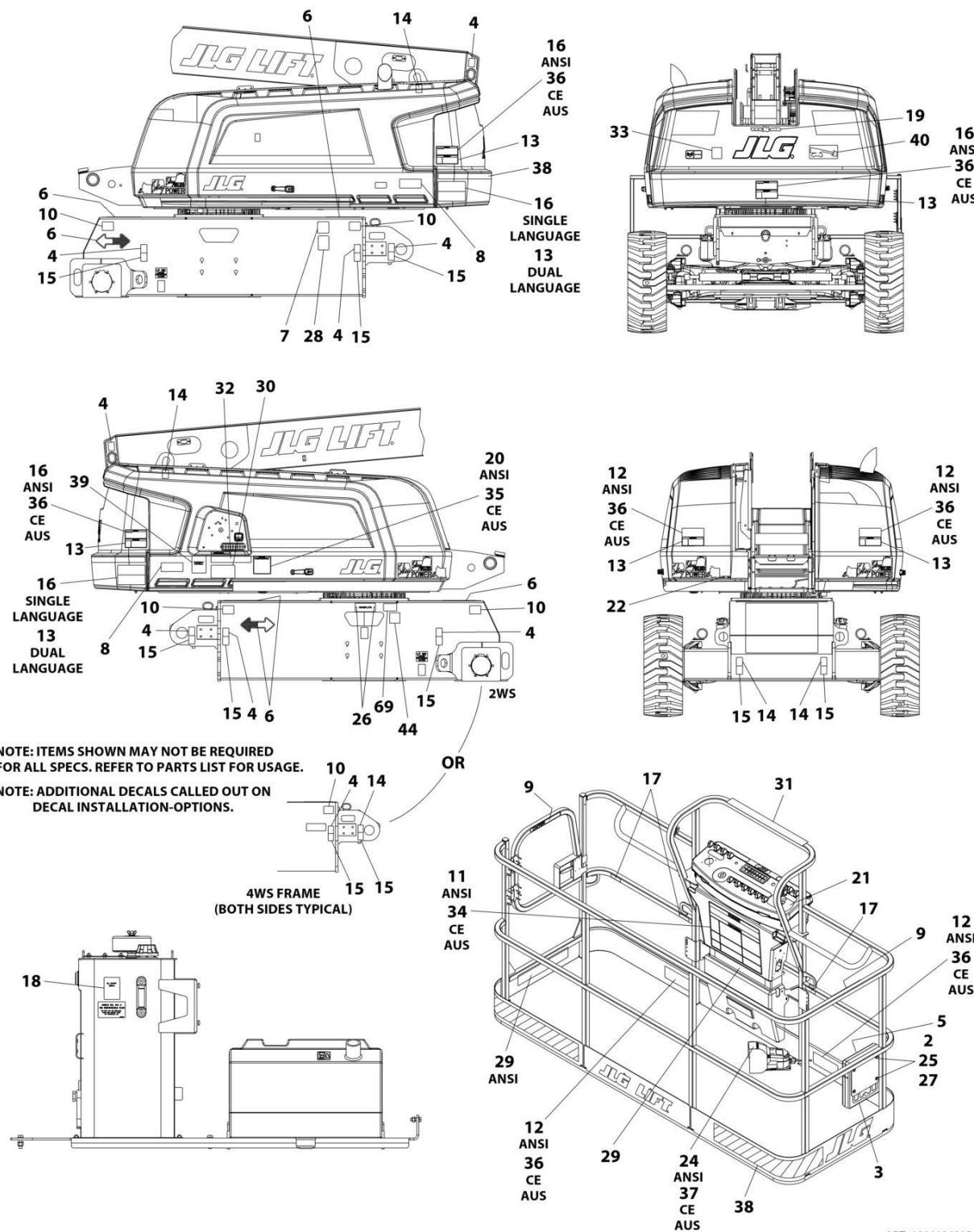
SECTION 9 - DECALS

FIGURE 9-7. DECAL INSTALLATION - 600S (JAPANESE SPECS - ENGLISH/JAPANESE LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194229	Ref	DECAL INSTALLATION	
2	0700610	4	Bolt M6 x 20	D
3	91403230	1	Box, Manual Storage	
4	1701499	8	Decal - No Tie Down/Lift	
5	1701509	1	Decal - Manual	
6	1701529	4	Decal - Arrow	
7	See Note	NSS	Decal - Bar Code (Note: Not Available For Purchase)	
8	1702815	2	Decal - 600S	
10	1001216059	4	Decal - Maximum Tire Load	
11	1703926	1	Decal - Danger/Warning	
12	1703950	4	Decal - Crushing	
13	1703938	5	Decal - Electrocution	
14	1703811	4	Decal - Lifting Lug	
15	1703814	8	Decal - Tie Down	
16	1703944	3	Decal - Warning/Crushing	
17	1704277	3	Decal - Lanyard Attach	
18	1704412	1	Decal - Hydraulic Oil	
19	1704885	1	Decal - Website	
20	1705344	1	Decal - Warning/Inspection	
21	1705426	1	Decal - Drive/Steer Instruction	
22	3251243	1	Decal - 120V/60Hz	
24	1703980	1	Nameplate - Footswitch	
25	3290605	4	Nut M6	
26	3820001	2	Rivet	
27	4811700	8	Washer M6	
29	1001171341	2	Decal - Warning Dual Capacity	
30	1001171342	1	Decal - Warning Dual Capacity	
31	1001173262	1	Decal - Legend	
32	1001174313	1	Decal - Legend	
40	1001215615	1	Decal - Lift Diagram	
44	1001224053	1	Decal - Yearly Inspection	

SECTION 9 - DECALS

FIGURE 9-8. DECAL INSTALLATION - 600S (KOREAN SPECS - ENGLISH/KOREAN LANGUAGES)



ART_1001194215

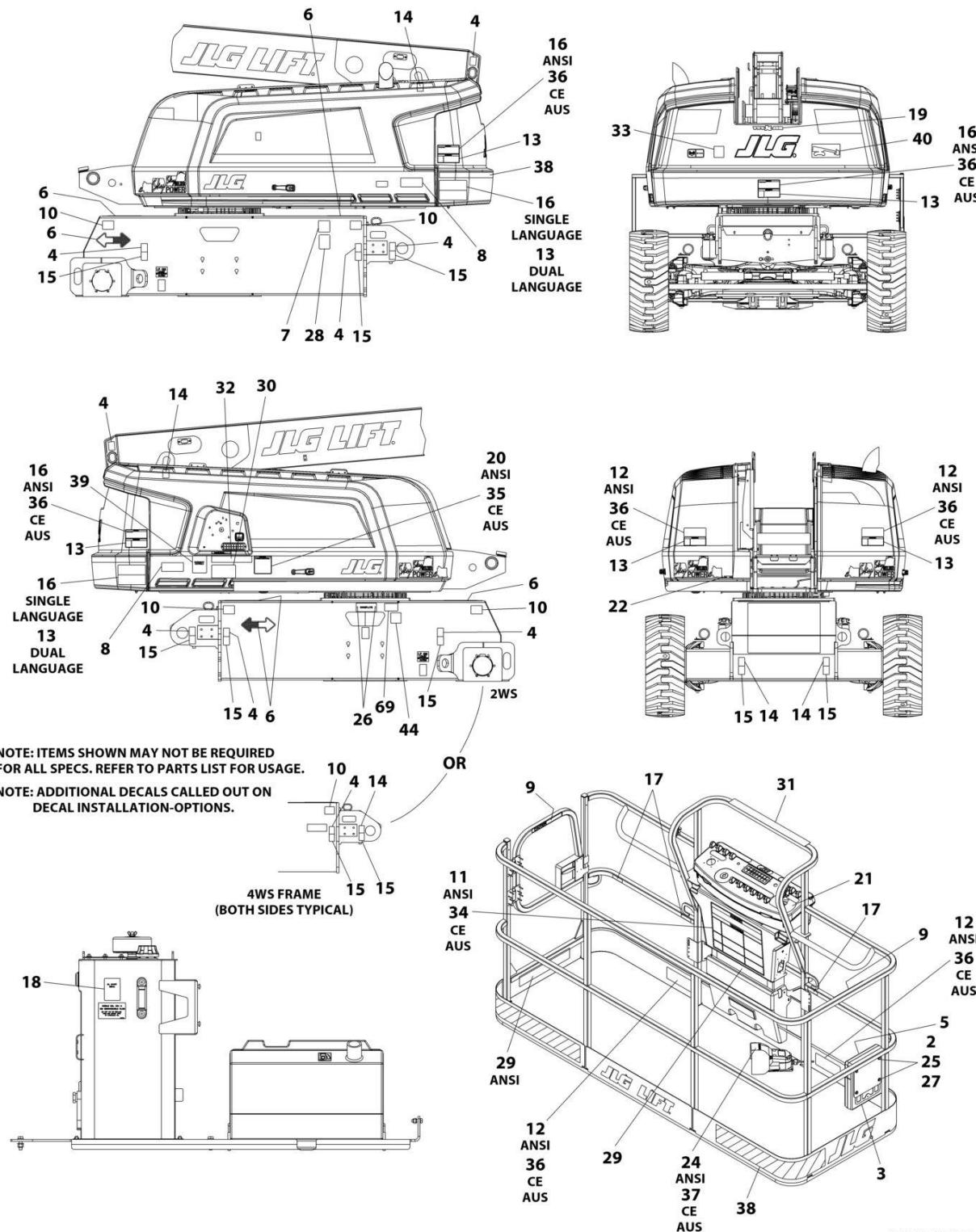
SECTION 9 - DECALS

FIGURE 9-8. DECAL INSTALLATION - 600S (KOREAN SPECS - ENGLISH/KOREAN LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194215	Ref	DECAL INSTALLATION	
2	0700610	4	Bolt M6 x 20	
3	91403230	1	Box, Manual Storage	
4	1701499	8	Decal - No Tie Down/Lift	
5	1701509	1	Decal - Manual	
6	1701529	4	Decal - Arrow	
7	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
8	1702815	2	Decal - 600S	
9	1705969	2	Decal - No Hands	
10	1001216059	4	Decal - Maximum Tire Load	
11	1703927	1	Decal - Warning/Danger	
12	1703951	4	Decal - Warning/Crushing	
13	1703939	5	Decal - Danger Electricity	
14	1703811	4	Decal - Lifting Lug	
15	1703814	8	Decal - Tie Down	
16	1703945	3	Decal - Warning Crushing	
17	1704277	3	Decal - Lanyard Attach Graphic	
18	1704412	1	Decal - Hydraulic Oil	
19	1704885	1	Decal - Website	
20	1705345	1	Decal - Warning/Inspection	
21	1705427	1	Decal - Drive/Steer Instruction	
24	1703981	1	Nameplate - Footswitch	
25	3290605	4	Nut M6	
26	3820001	2	Rivet	
27	4811700	8	Washer M6	
29	1001171345	2	Decal - Warning Dual Capacity	
30	1001171346	1	Decal - Warning Dual Capacity	
31	1001173262	1	Decal - Legend	
32	1001174313	1	Decal - Legend	
40	1001215615	1	Decal - Lift Diagram	
44	1001224048	1	Decal - Yearly Inspection	

SECTION 9 - DECALS

FIGURE 9-9. DECAL INSTALLATION - 600S (LATIN AMERICAN SPECS - ENGLISH/SPANISH LANGUAGES)



ABT 1001194223

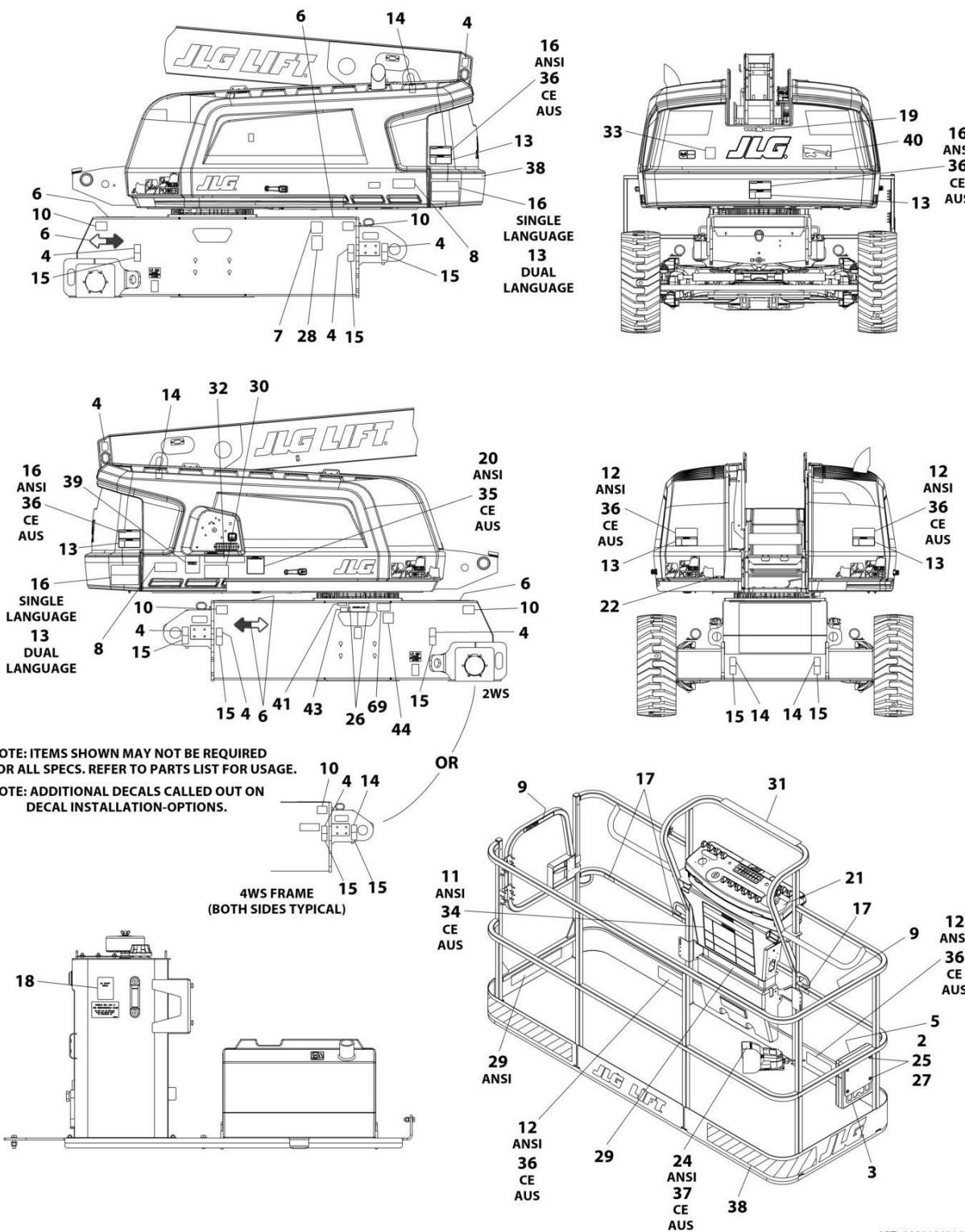
SECTION 9 - DECALS

FIGURE 9-9. DECAL INSTALLATION - 600S (LATIN AMERICAN SPECS - ENGLISH/SPANISH LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194223	Ref	DECAL INSTALLATION	
2	0700610	4	Bolt M6 x 20	D
3	91403230	1	Box, Manual Storage	
4	1701499	8	Decal - No Tie Down/Lift	
5	1701509	1	Decal - Manual	
6	1701529	4	Decal - Arrow	
7	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
8	1702815	2	Decal - 600S	
9	1704001	2	Decal - No Hands	
10	1001216059	4	Decal - Maximum Tire Load	
11	1703923	1	Decal - Warning/Danger	
12	1703947	4	Decal - Warning/Crushing	
13	1703935	5	Decal - Electrocution	
14	1703811	4	Decal - Lifting Lug	
15	1703814	8	Decal - Tie Down	
16	1703941	3	Decal - Warning/Crushing	
17	1704277	3	Decal - Lanyard Attach	
18	1704412	1	Decal - Hydraulic Oil	
19	1704885	1	Decal - Website	
20	1705917	1	Decal - Warning/Inspection	
21	1705910	1	Decal - Drive/Steer Instruction	
22	3251243	1	Decal - 120V/60Hz	
24	1703983	1	Nameplate - Footswitch	
25	3290605	4	Nut M6	
26	3820001	2	Rivet	
27	4811700	8	Washer M6	
29	1001171349	2	Decal - Warning Dual Capacity	
30	1001171350	1	Decal - Warning Dual Capacity	
31	1001173262	1	Decal - Legend	
32	1001174313	1	Decal - Legend	
40	1001215615	1	Decal - Lift Diagram	
44	1001224049	1	Decal - Yearly Inspection	

SECTION 9 - DECALS

FIGURE 9-10. DECAL INSTALLATION - 660SJ (ANSI SPECS - ENGLISH LANGUAGE)



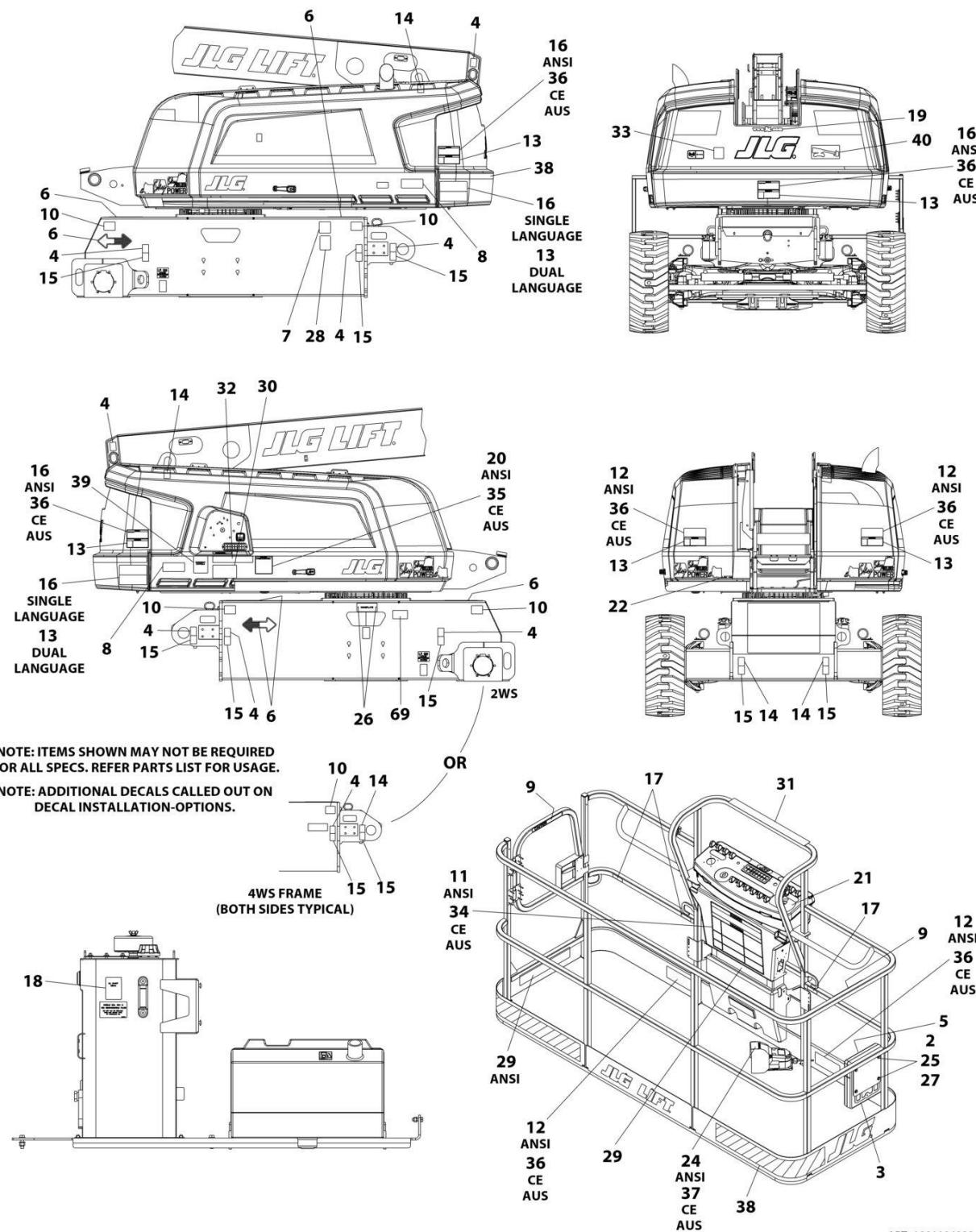
SECTION 9 - DECALS

FIGURE 9-10. DECAL INSTALLATION - 660SJ (ANSI SPECS - ENGLISH LANGUAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194214	Ref	DECAL INSTALLATION	
2	0700610	4	Bolt M6 x 20	
3	91403230	1	Box, Manual Storage	
4	1701499	8	Decal - No Tie Down/Lift	
5	1701509	1	Decal - Manual	
6	1701529	4	Decal - Arrow	
7	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
8	1702817	2	Decal - 660SJ	
9	1702868	2	Decal - No Hands	
10	1001216060	4	Decal - Maximum Tire Load	
11	1703797	1	Decal - Danger/Warning	
12	1703804	4	Decal - Warning/Crushing	
13	1703805	5	Decal - Electrocution	
14	1703811	4	Decal - Lifting Hug	
15	1703814	8	Decal - Tie Down	
16	1703953	3	Decal - Warning/Crushing	
17	1704277	3	Decal - Lanyard Attach	
18	1704412	1	Decal - Hydraulic Oil	
19	1704885	1	Decal - Website	
20	1705336	1	Decal - Danger/Warning	
21	1705351	1	Decal - Drive/Steer Instruction	
22	3251243	1	Decal - 120V/60Hz	
24	3252347	1	Nameplate - Footswitch	
25	3290605	4	Nut M6	
26	3280001	2	Rivet	
27	4811700	8	Washer M6	
28	1001131269	1	Decal - Patent	
29	1001194234	2	Decal - Warning Dual Capacity	
30	1001194235	1	Decal - Warning Dual Capacity	
31	1001173262	1	Decal - Legend	
32	1001174313	1	Decal - Legend	
40	1001215615	1	Decal - Lift Diagram	
41	1705514	1	Decal - CSA	
43	1001228370	1	Decal - ICES (Canada) (SN 0300235168 through 0300237156, SN B300002655 through B300002668)	
43	1001223453	1	Decal - ICES (Canada) (SN 0300237157 to Present, SN B300002669 to Present)	
44	1001223055	1	Decal - Yearly Inspection	

SECTION 9 - DECALS

FIGURE 9-11. DECAL INSTALLATION - 660SJ (AUSTRALIAN SPECS - ENGLISH LANGUAGE)



ART_1001194232

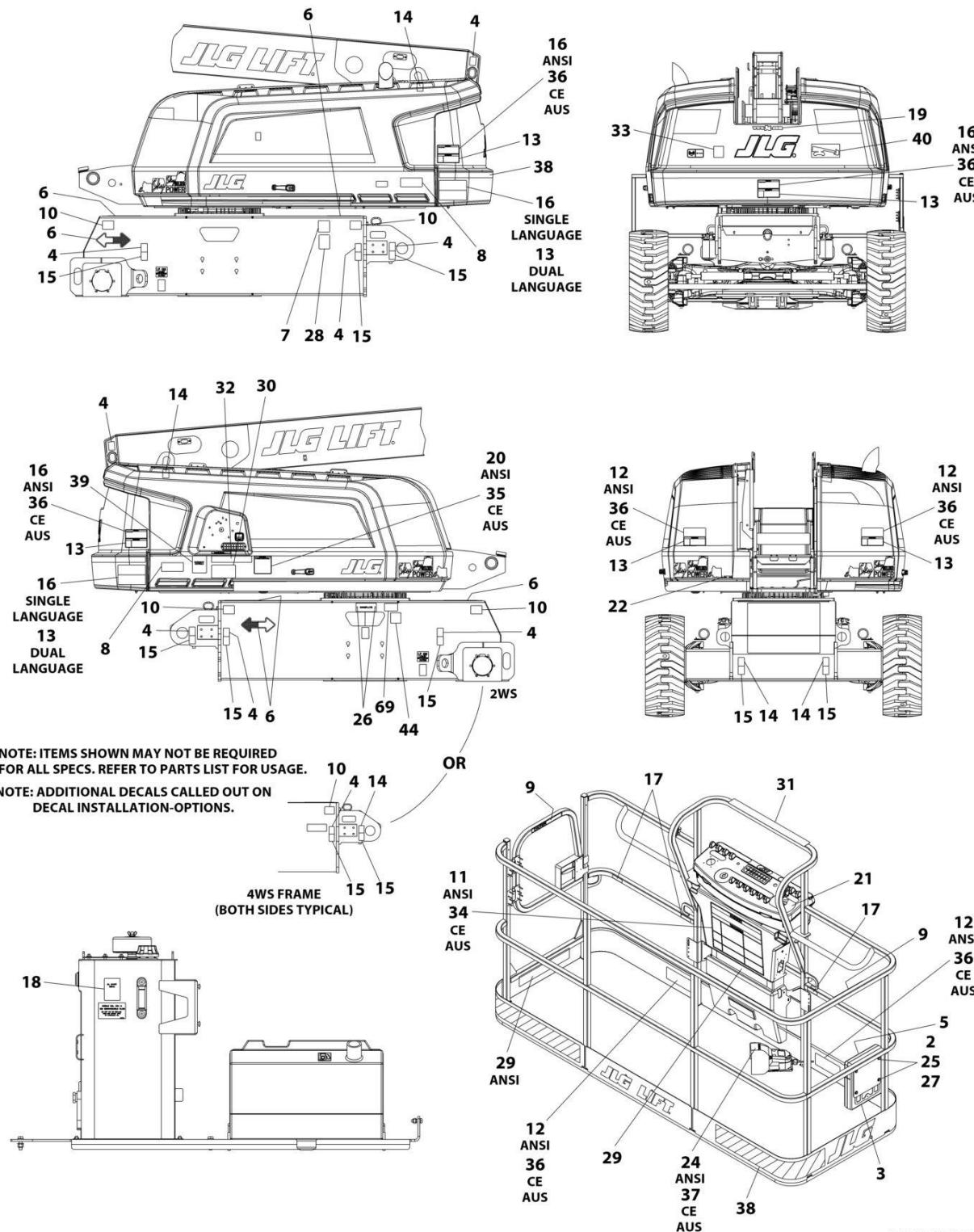
SECTION 9 - DECALS

FIGURE 9-11. DECAL INSTALLATION - 660SJ (AUSTRALIAN SPECS - ENGLISH LANGUAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194232	Ref	DECAL INSTALLATION	
2	0700610	4	Bolt M6 x 20	
3	91403230	1	Box, Manual Storage	
4	1701499	8	Decal - No Tie Down/Lift	
5	1701509	1	Decal - Manual	
6	1701529	4	Decal - Arrow	
7	See Note	NSS	Decal - Bar Code (Note: Not Available For Purchase)	
8	1702817	1	Decal - 660SJ	
10	1001216060	4	Decal - Maximum Tire Load	
13	1705961	5	Decal - Electrocution	
14	1703811	4	Decal - Lifting Lug	
15	1703814	8	Decal - Tie Down	
17	1704277	3	Decal - Lanyard Attach	
18	1704412	1	Decal - Hydraulic Oil	
19	1704885	1	Decal - Website	
25	3290605	4	Nut M6	
26	3820001	2	Rivet	
27	4811700	8	Washer M6	
29	1001194236	1	Decal - Capacity	
30	1001194236	1	Decal - Capacity	
34	1705921	1	Decal - Tipping/Electrocution	
35	1705822	1	Decal - Electrocution/Safety Manual	
36	1701518	7	Decal - Crushing	
37	1705828	1	Nameplate - Footswitch	
38	4420051	208 in/ 5.3m	Tape, Safety	
39	1001112551	1	Decal - Emergency Controls	
40	1001215615	1	Decal - Lifting Diagram	
69	1001231422	1	Decal - Wheel Assembly Mass	

SECTION 9 - DECALS

FIGURE 9-12. DECAL INSTALLATION - 660SJ (BRAZIL SPECS - PORTUGUESE/SPANISH LANGUAGES)



ART_1001194222

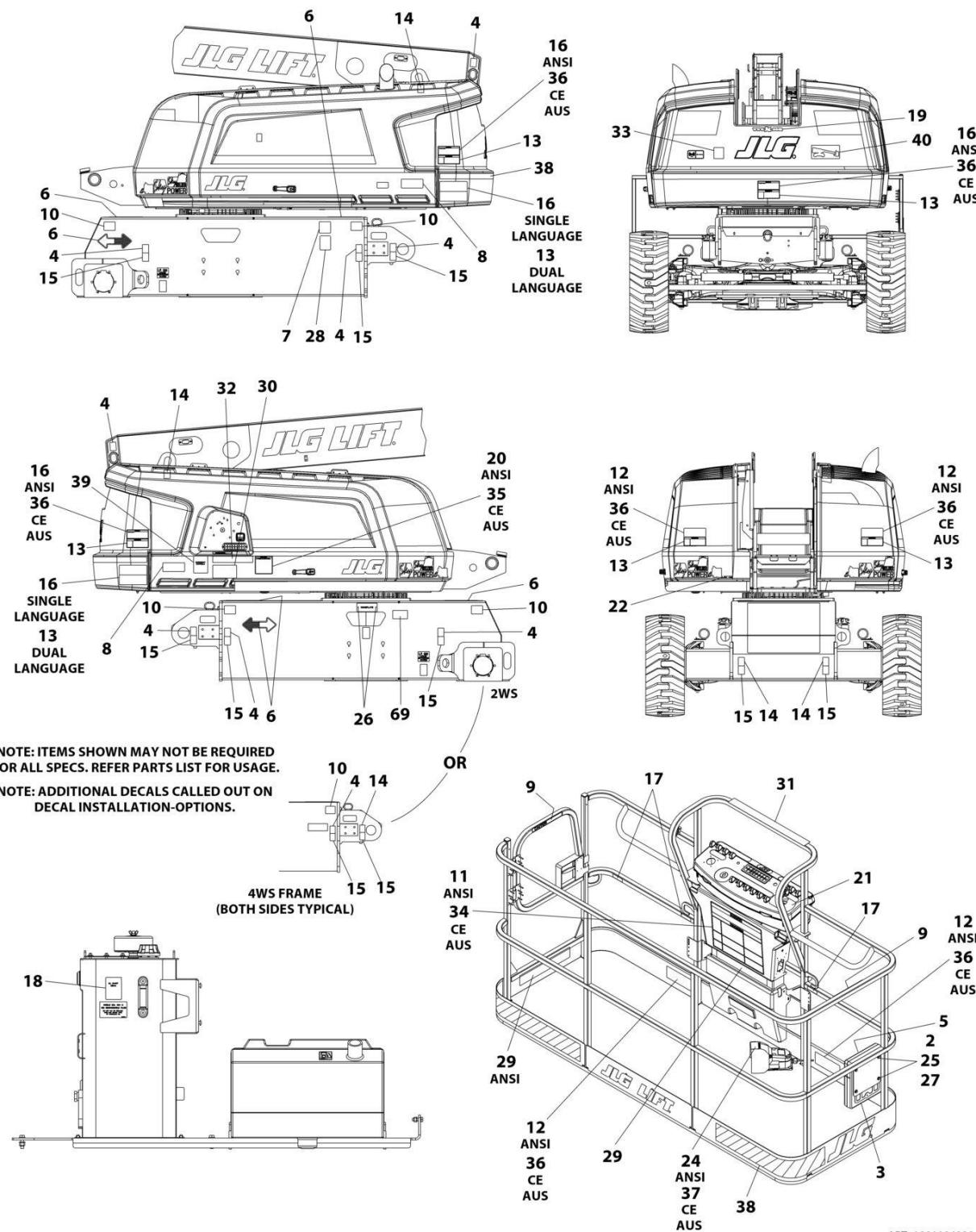
SECTION 9 - DECALS

FIGURE 9-12. DECAL INSTALLATION - 660SJ (BRAZIL SPECS - PORTUGUESE/SPANISH LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194222	Ref	DECAL INSTALLATION	
2	0700610	4	Bolt M6 x 20	D
3	91403230	1	Box, Manual Storage	
4	1701499	8	Decal - No Tie Down/Lift	
5	1701509	1	Decal - Manual	
6	1701529	4	Decal - Arrow	
7	See Note	1	Decal - Bar Code (Note: Not Available For Purchase)	
8	1702817	2	Decal - 660SJ	
9	1704002	2	Decal - No Hands	
10	1001216060	4	Decal - Maximum Tire Load	
11	1703928	1	Decal - Danger/Warning	
12	1703952	4	Decal - Warning/Crushing	
13	1703940	5	Decal - Electrocution	
14	1703811	4	Decal - Lifting Lug	
15	1703814	8	Decal - Tie Down	
16	1703946	3	Decal - Warning/Crushing	
17	1704277	3	Decal - Lanyard Attach	
18	1704412	1	Decal - Hydraulic Oil	
19	1704885	1	Decal - Website	
20	1705349	1	Decal - Warning/Inspection	
21	1001113680	1	Decal - Drive/Steer Instruction	
22	3251243	1	Decal - 120V/60Hz	
24	1703985	1	Nameplate - Footswitch	
25	3290605	4	Nut M6	
26	2820001	2	Rivet	
27	4811700	8	Washer M6	
29	1001216745	2	Decal - Warning Dual Capacity	
30	1001216746	1	Decal - Warning Dual Capacity	
31	1001173262	1	Decal - Legend	
32	1001174313	1	Decal - Legend	
40	1001215615	1	Decal - Lift Diagram	
44	1001224052	1	Decal - Yearly Inspection	

SECTION 9 - DECALS

FIGURE 9-13. DECAL INSTALLATION - 660SJ (CE SPECS - ENGLISH LANGUAGE)



ART_1001194228

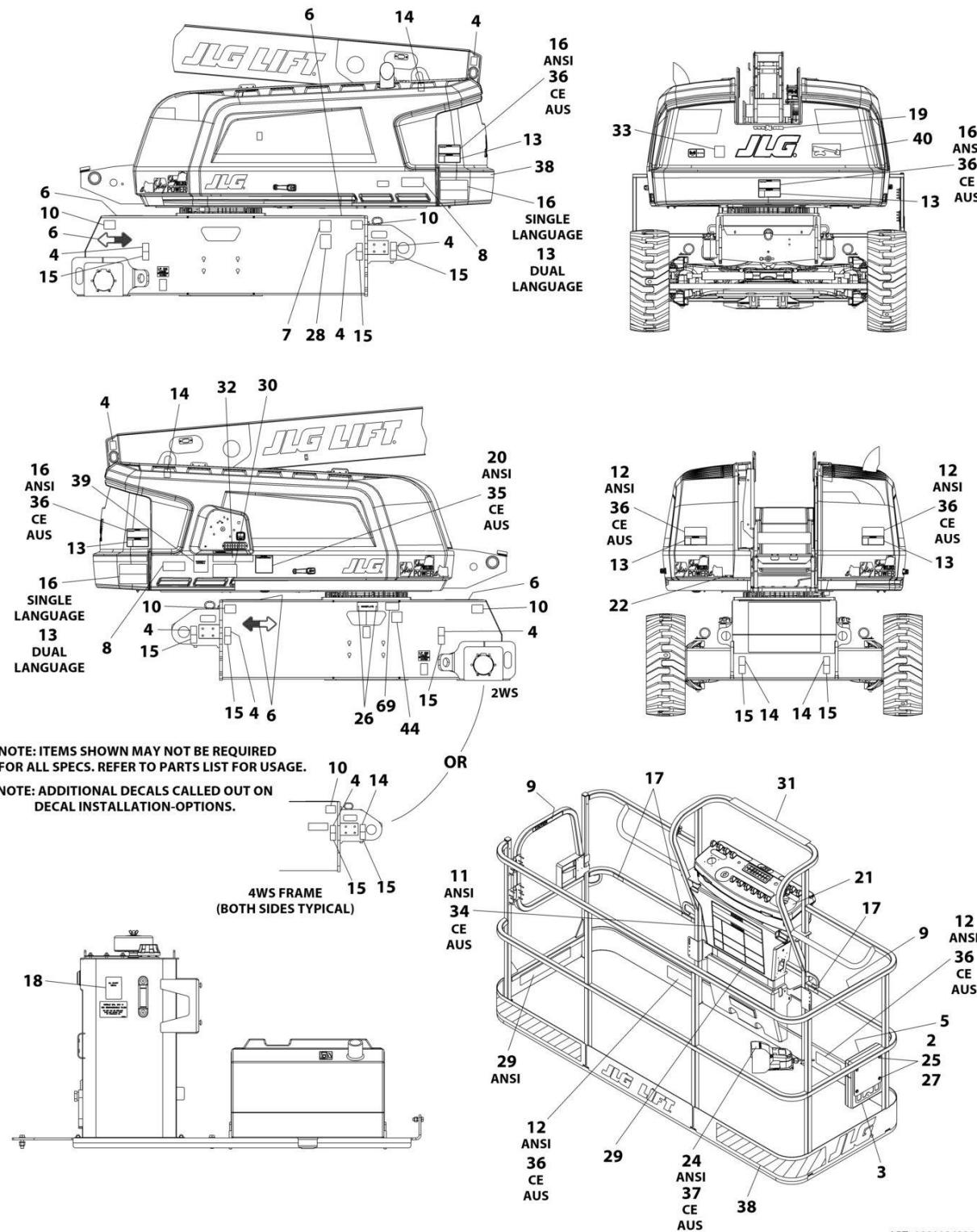
SECTION 9 - DECALS

FIGURE 9-13. DECAL INSTALLATION - 660SJ (CE SPECS - ENGLISH LANGUAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194228	Ref	DECAL INSTALLATION	
2	0700610	4	Bolt M6 x 20	
3	91403230	1	Box, Manual Storage	
4	1701499	8	Decal - No Tie Down/Lift	
5	1701509	1	Decal - Manual	
6	1701529	4	Decal - Arrow	
7	See Note	NSS	Decal - Bar Code (Note: Not Available For Purchase)	
8	1702817	2	Decal - 660SJ	
10	1001216060	4	Decal - Maximum Tire Load	
13	1703940	5	Decal - Electrocution	
14	1703811	4	Decal - Lifting Lug	
15	1703814	8	Decal - Tie Down	
17	1704277	3	Decal - Lanyard Attach	
18	1704412	1	Decal - Hydraulic Oil	
25	3290605	4	Nut M6	
26	3820001	2	Rivet	
27	4811700	8	Washer M6	
29	1001194236	1	Decal - Capacity	
30	1001194236	1	Decal - Capacity	
34	1705921	1	Decal - Tipping/Electrocution	
35	1705822	1	Decal - Electrocution/Safety Manual	
36	1701518	7	Decal - Crushing	
37	1705828	1	Nameplate - Footswitch	
38	4420051	208 in/ 5.3m	Tape, Safety	
40	1001215615	1	Decal - Lift Diagram	

SECTION 9 - DECALS

FIGURE 9-14. DECAL INSTALLATION - 660SJ (CHINESE SPECS - ENGLISH/SIMPLIFIED CHINESE LANGUAGES)



ART_1001194220

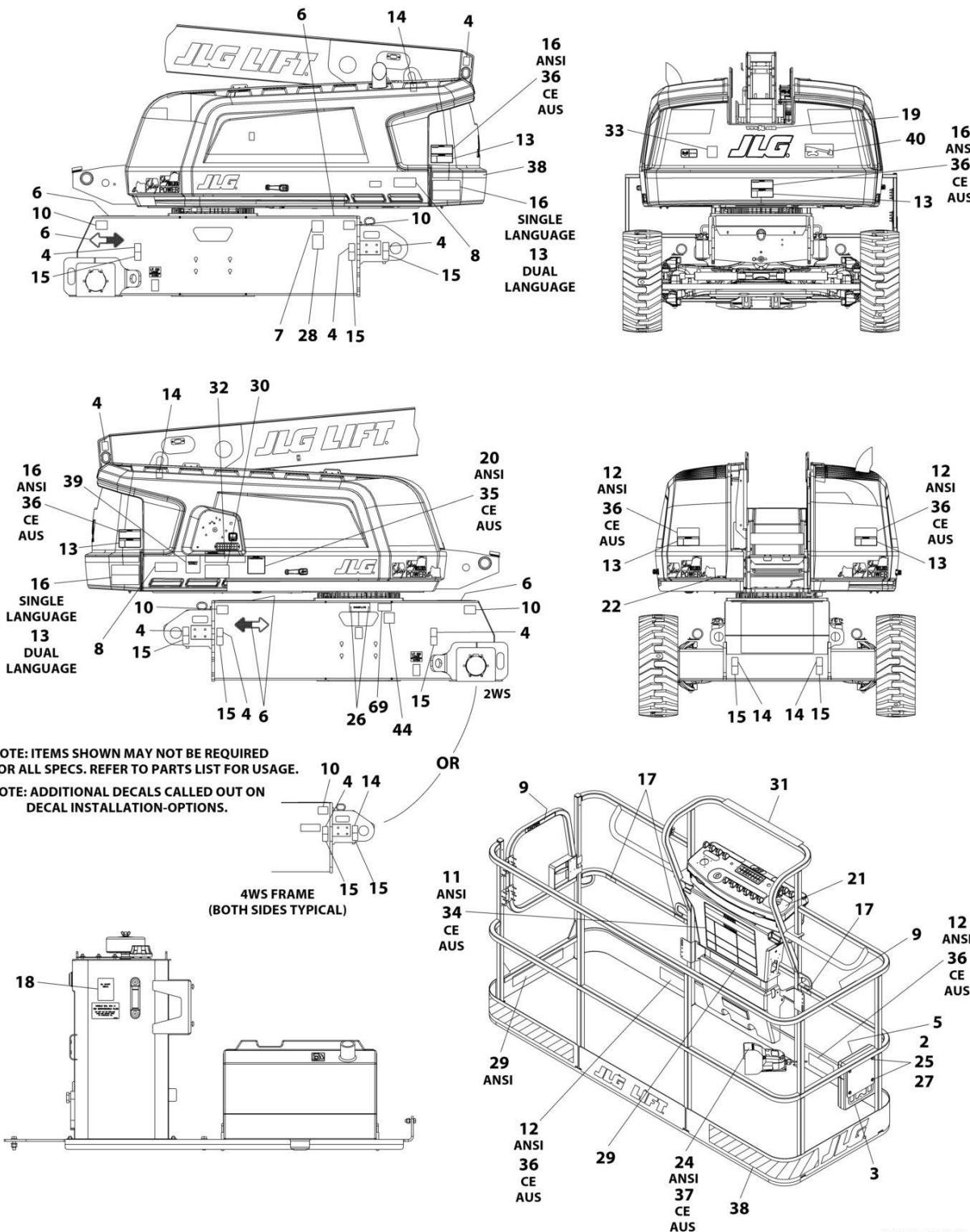
SECTION 9 - DECALS

FIGURE 9-14. DECAL INSTALLATION - 660SJ (CHINESE SPECS - ENGLISH/SIMPLIFIED CHINESE LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194220	Ref	DECAL INSTALLATION	
2	0700610	4	Bolt M6 x 20	D
3	91403230	1	Box, Manual Storage	
4	1701499	8	Decal - No Tie Down/Lift	
5	1701509	1	Decal - Manual	
6	1701529	1	Decal - Arrow	
7	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
8	1702817	2	Decal - 660SJ	
9	1705968	2	Decal - No Hands	
10	1001216060	1	Decal - Maximum Tire Load	
11	1001116847	1	Decal - Warning	
12	1001116850	4	Decal - Warning	
13	1703937	5	Decal - Electrocution	
14	1703811	4	Decal - Lifting Lug	
15	1703814	8	Decal - Tie Down	
16	1001116845	3	Decal - Warning/Crushing	
17	1704277	3	Decal - Lanyard Attach	
18	1704412	1	Decal - Hydraulic Oil	
19	1704885	1	Decal - Website	
20	1001116848	1	Decal - Warning/Inspection	
21	1705430	1	Decal - Drive/Steer	
22	3251243	1	Decal - 120V/60Hz	
24	1001116852	1	Nameplate - Footswitch	
25	3290605	4	Nut M6	
26	3820001	2	Rivet	
27	4811700	8	Washer M6	
29	1001216741	2	Decal - Warning Dual Capacity	
30	1001216742	1	Decal - Warning Dual Capacity	
31	1001173262	1	Decal - Legend	
32	1001174313	1	Decal - Legend	
38	4420051	208 in/ 5.3m	Tape, Safety	
40	1001215615	1	Decal - Lift Diagram	
44	1001224051	1	Decal - Yearly Inspection	

SECTION 9 - DECALS

FIGURE 9-15. DECAL INSTALLATION - 660SJ (CHINESE SPECS - ENGLISH/TRADITIONAL CHINESE LANGUAGES)



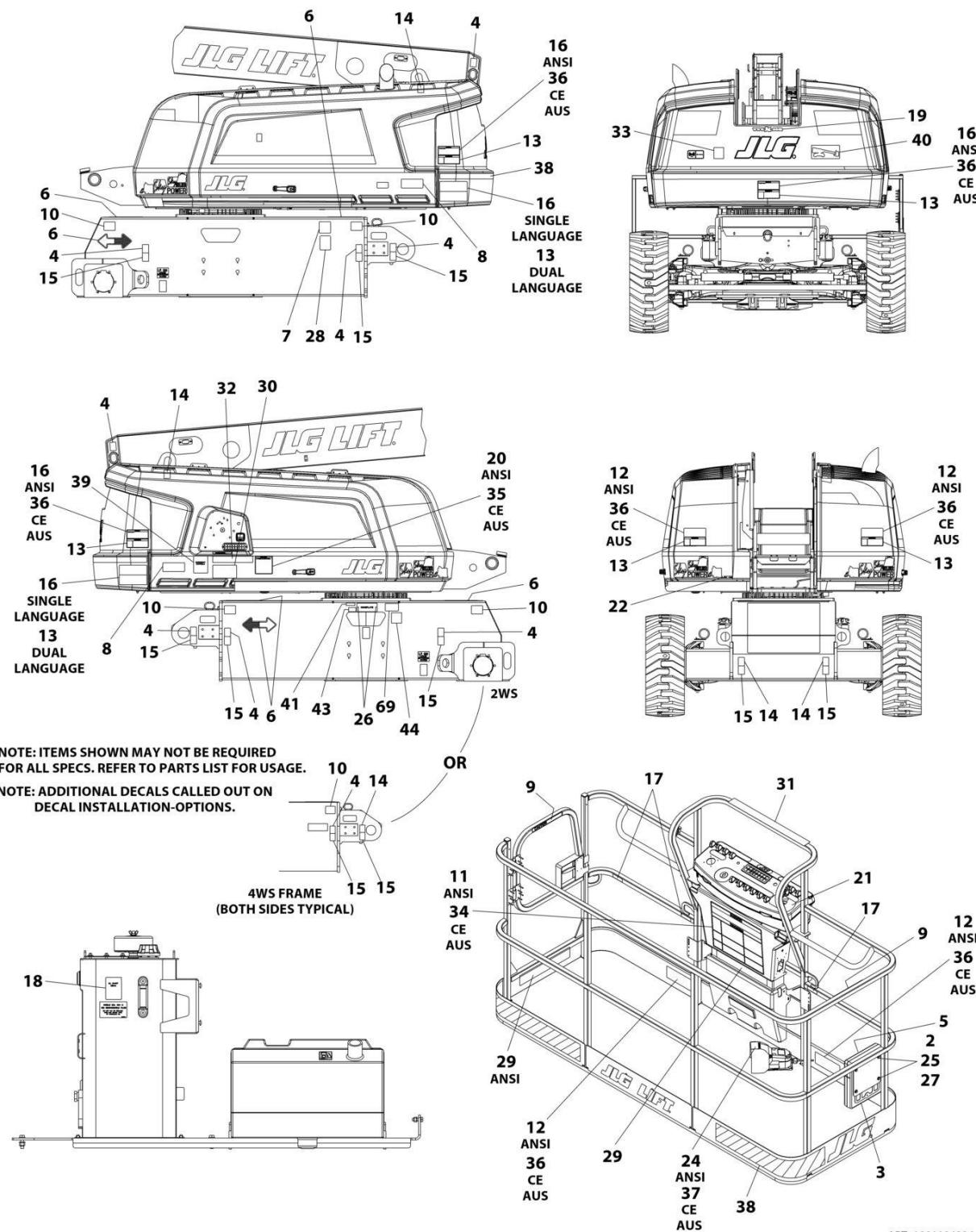
SECTION 9 - DECALS

FIGURE 9-15. DECAL INSTALLATION - 660SJ (CHINESE SPECS - ENGLISH/TRADITIONAL CHINESE LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194218	Ref	DECAL INSTALLATION	
2	0700610	4	Bolt M6 x 20	D
3	91403230	1	Box, Manual Storage	
4	1701499	8	Decal - No Tie Down/Lift	
5	1701509	1	Decal - Manual	
6	1701529	4	Decal - Arrow	
7	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
8	1702817	2	Decal - 660SJ	
9	1001116846	2	Decal - No Hands	
10	1001216060	4	Decal - Maximum Tire Load	
11	1703925	1	Decal - Warning/Danger	
12	1703949	4	Decal - Crushing	
13	1001116851	5	Decal - Electrocution	
14	1703811	4	Decal - Lifting Lug	
15	1703814	8	Decal - Tie Down	
16	1703943	3	Decal - Warning/Crushing	
17	1704277	3	Decal - Lanyard Attach	
18	1704412	1	Decal - Hydraulic Oil	
19	1704885	1	Decal - Website	
20	1001116849	1	Decal - Warning/Inspection	
21	1001116863	1	Decal - Drive/Steer Instruction	
22	3251243	1	Decal - 120V/60Hz	
24	1703982	1	Nameplate - Footswitch	
25	3290605	4	Nut M6	
26	3820001	2	Rivet	
27	4811700	8	Washer M6	
29	1001216736	2	Decal - Warning Dual Capacity	
30	1001216737	1	Decal - Warning Dual Capacity	
31	1001173262	1	Decal - Legend	
32	1001174313	1	Decal - Legend	
38	4420051	208 in/ 5.3m	Tape, Safety	
40	1001215615	1	Decal - Lift Diagram	
44	1001224050	1	Decal - Yearly Inspection	

SECTION 9 - DECALS

FIGURE 9-16. DECAL INSTALLATION - 660SJ (CSA SPECS - ENGLISH/FRENCH LANGUAGES)



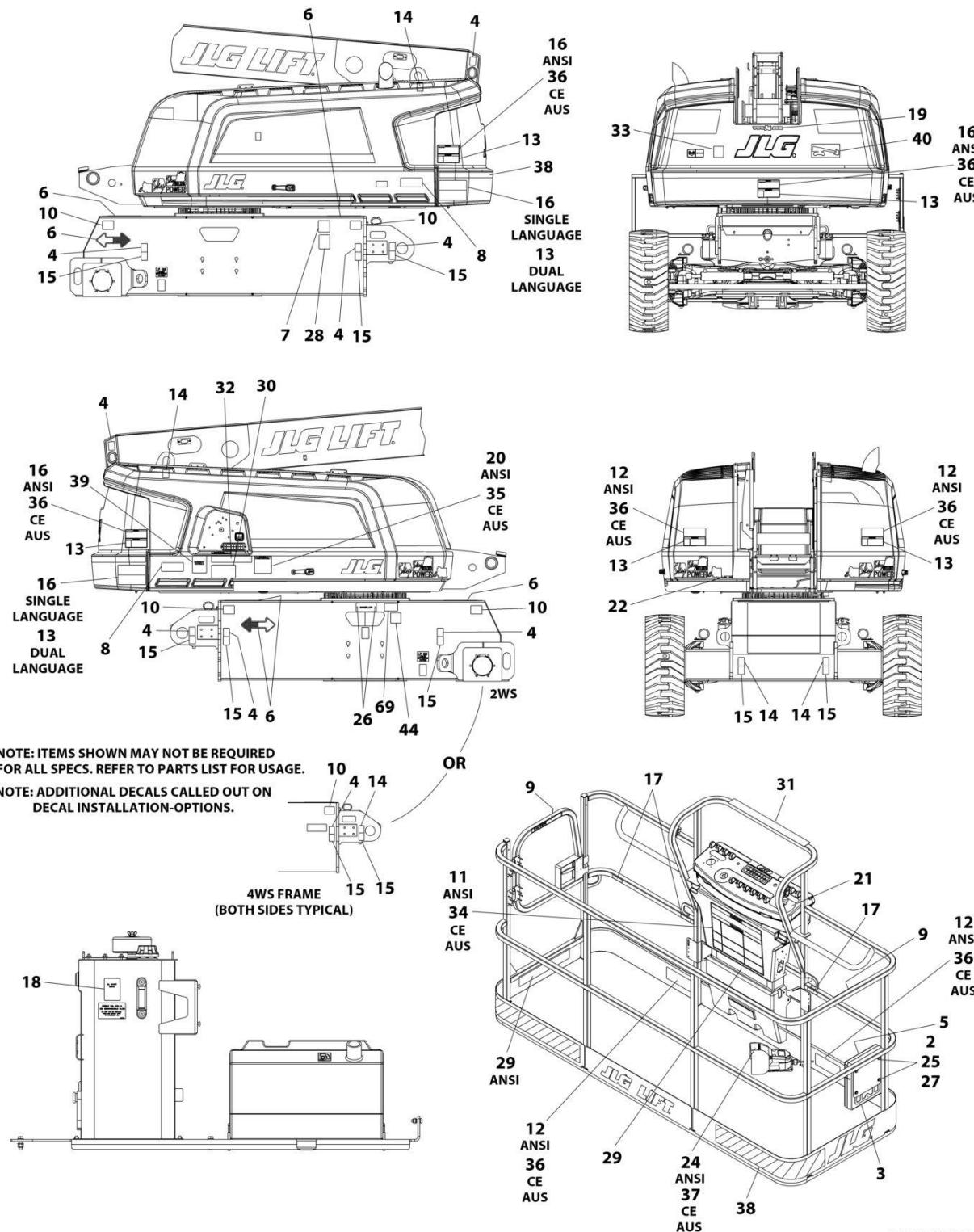
SECTION 9 - DECALS

FIGURE 9-16. DECAL INSTALLATION - 660SJ (CSA SPECS - ENGLISH/FRENCH LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194226	Ref	DECAL INSTALLATION	
2	0700610	4	Bolt M6 x 20	
3	91403230	1	Box, Manual Storage	
4	1701499	8	Decal - No Tie Down/Lift	
5	1701509	1	Decal - Manual	
6	1701529	4	Decal - Arrow	
7	See Note	1	Decal - Bar Code (Note: Not Available For Purchase)	
8	1702817	2	Decal - 660SJ	
9	1704000	2	Decal - No Hands	
10	1001216060	4	Decal - Maximum Tire Load	
11	1703924	1	Decal - Danger/Warning	
12	1703948	4	Decal - Warning/Crushing	
13	1703936	5	Decal - Electrocution	
14	1703811	4	Decal - Lifting Lug	
15	1703814	8	Decal - Tie Down	
16	1703942	3	Decal - Crushing	
17	1704277	3	Decal - Lanyard Attach	
18	1704412	1	Decal - Hydraulic Oil	
19	1704885	1	Decal - Website	
20	1705347	1	Decal - Warning/Inspection	
21	1705429	1	Decal - Drive/Steer Instruction	
22	3251243	1	Decal - 120V/60Hz	
24	1703984	1	Nameplate - Footswitch	
25	3290605	4	Nut M6	
26	3820001	2	Rivet	
27	4811700	8	Washer M6	
28	1001131269	1	Decal - Patent	
29	1001216749	2	Decal - Warning Dual Capacity	
30	1001216750	1	Decal - Warning Dual Capacity	
31	1001173262	1	Decal - Legend	
32	1001174313	1	Decal - Legend	
40	1001215615	1	Decal - Lift Diagram	
41	1705514	1	Decal - CSA	
43	1001228370	1	Decal - ICES (Canada) (SN 0300235168 through 0300237156)	
43	1001223453	1	Decal - ICES (Canada) (SN 0300237157 to Present)	
44	1001223971	1	Decal - Yearly Inspection	

SECTION 9 - DECALS

FIGURE 9-17. DECAL INSTALLATION - 660SJ (JAPANESE SPECS - ENGLISH/JAPANESE LANGUAGES)



ART_1001194230

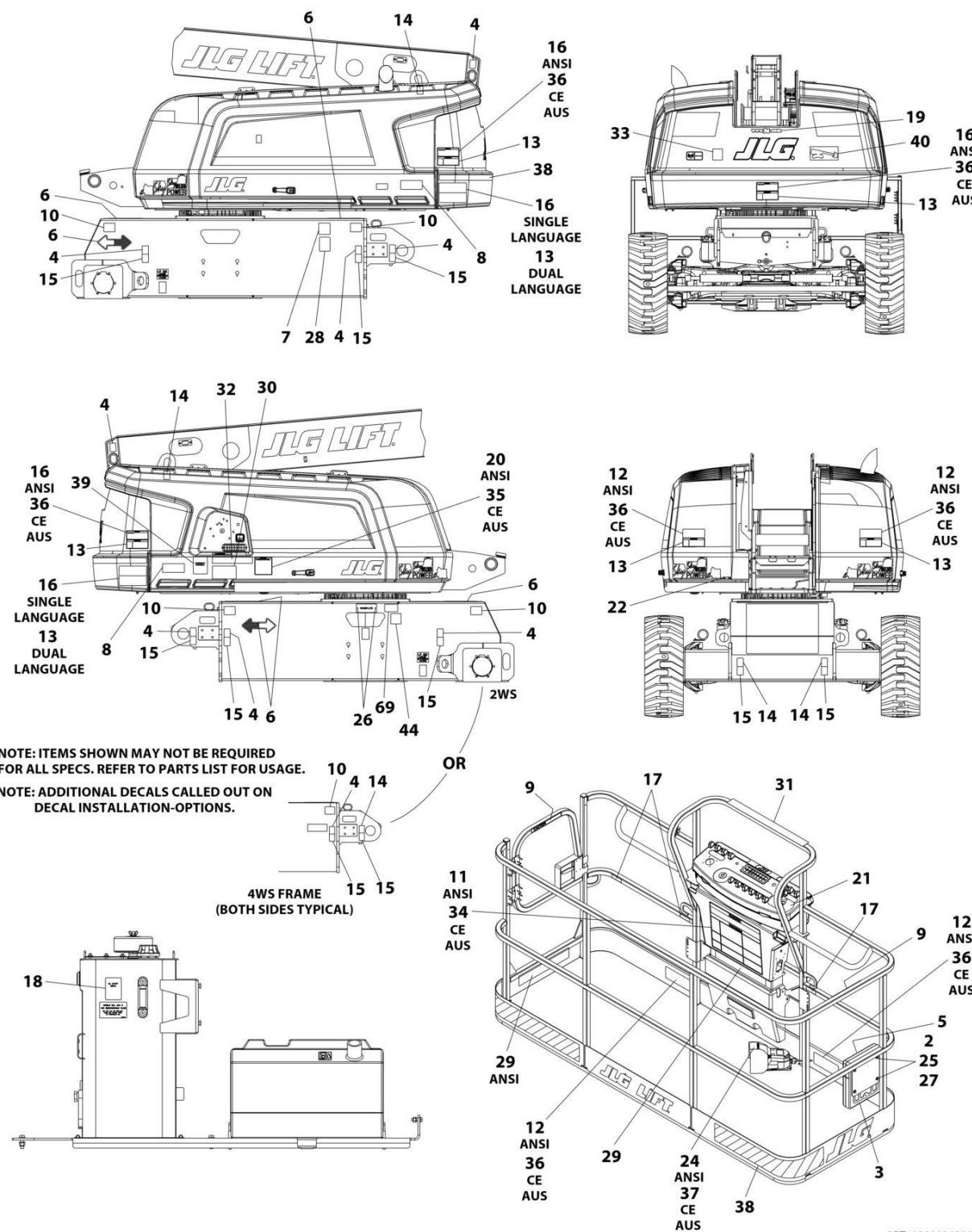
SECTION 9 - DECALS

FIGURE 9-17. DECAL INSTALLATION - 660SJ (JAPANESE SPECS - ENGLISH/JAPANESE LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194230	Ref	DECAL INSTALLATION	
2	0700610	4	Bolt M6 x 20	
3	91403230	1	Box, Manual Storage	
4	1701499	8	Decal - No Tie Down/Lift	
5	1701509	1	Decal - Manual	
6	1701529	4	Decal - Arrow	
7	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
8	1702817	2	Decal - 660SJ	
10	1001216060	4	Decal - Maximum Tire Load	
11	1703926	1	Decal - Danger/Warning	
12	1703950	4	Decal - Crushing	
13	1703938	5	Decal - Electrocution	
14	1703811	4	Decal - Lifting Lug	
15	1703814	8	Decal - Tie Down	
16	1703944	3	Decal - Warning/Crushing	
17	1704277	2	Decal - Lanyard Attach	
18	1704412	1	Decal - Hydraulic Oil	
19	1704885	1	Decal - Website	
20	1705344	1	Decal - Warning/Inspection	
21	1705426	1	Decal - Drive/Steer Instruction	
22	3251243	1	Decal - 120V/60Hz	
24	1703980	1	Nameplate - Footswitch	
25	3290605	4	Nut M6	
26	3820001	2	Rivet	
27	4811700	8	Washer M6	
29	1001216751	2	Decal - Warning Dual Capacity	
30	1001216752	1	Decal - Warning Dual Capacity	
31	1001173262	1	Decal - Legend	
32	1001174313	1	Decal - Legend	
40	1001215615	1	Decal - Lift Diagram	
44	1001224053	1	Decal - Yearly Inspection	

SECTION 9 - DECALS

FIGURE 9-18. DECAL INSTALLATION - 660SJ (KOREAN SPECS - ENGLISH/KOREAN LANGUAGES)



ART_1001194216

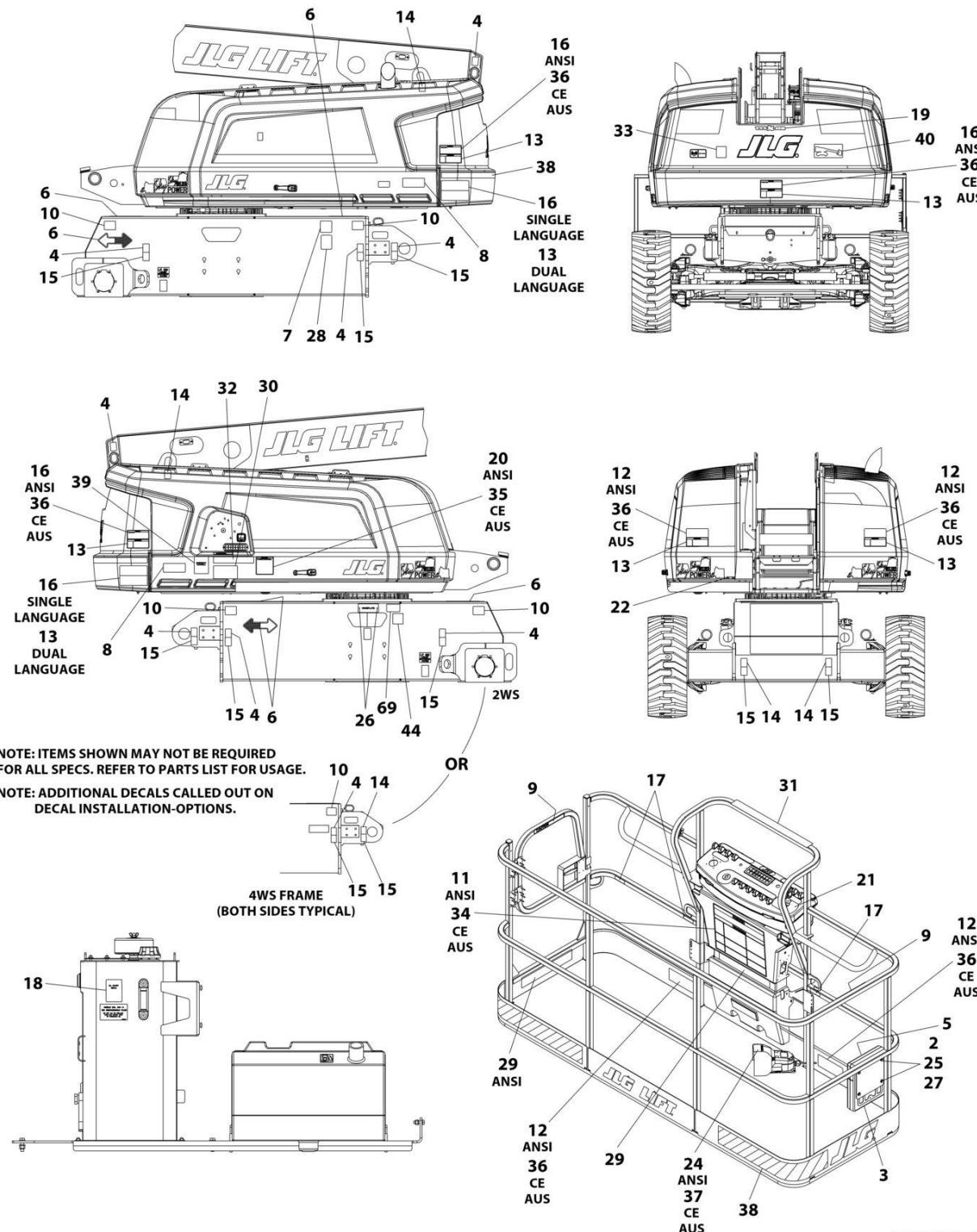
SECTION 9 - DECALS

FIGURE 9-18. DECAL INSTALLATION - 660SJ (KOREAN SPECS - ENGLISH/KOREAN LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194216	Ref	DECAL INSTALLATION	
2	0700610	4	Bolt M6 x 20	
3	91403230	1	Box, Manual Storage	
4	1701499	8	Decal - No Tie Down/Lift	
5	1701509	1	Decal - Manual	
6	1701529	4	Decal - Arrow	
7	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
8	1702817	2	Decal - 600SJ	
9	1705969	2	Decal - No Hands	
10	1001216060	4	Decal - Maximum Tire Load	
11	1703927	1	Decal - Warning/Danger	
12	1703951	4	Decal - Warning/Crushing	
13	1703939	5	Decal - Danger Electrocution	
14	1703811	4	Decal - Lifting Lug	
15	1703814	8	Decal - Tie Down	
16	1703945	3	Decal - Warning Crushing	
17	1704277	3	Decal - Lanyard Attach	
18	1704412	1	Decal - Hydraulic Oil	
19	1704885	1	Decal - Website	
20	1705345	1	Decal - Warning/Inspection	
21	1705427	1	Decal - Drive/Steer Instruction	
24	1703981	1	Nameplate - Footswitch	
25	3290605	4	Nut M6	
26	3820001	2	Rivet	
27	4811700	8	Washer M6	
29	1001216734	2	Decal - Warning Dual Capacity	
30	1001216735	1	Decal - Warning Dual Capacity	
31	1001173262	1	Decal - Legend	
32	1001174313	1	Decal - Legend	
40	1001215615	1	Decal - Lift Diagram	
44	1001224048	1	Decal - Yearly Inspection	

SECTION 9 - DECALS

FIGURE 9-19. DECAL INSTALLATION - 660SJ (LATIN AMERICAN SPECS - ENGLISH/SPANISH LANGUAGES)



ART_1001194224

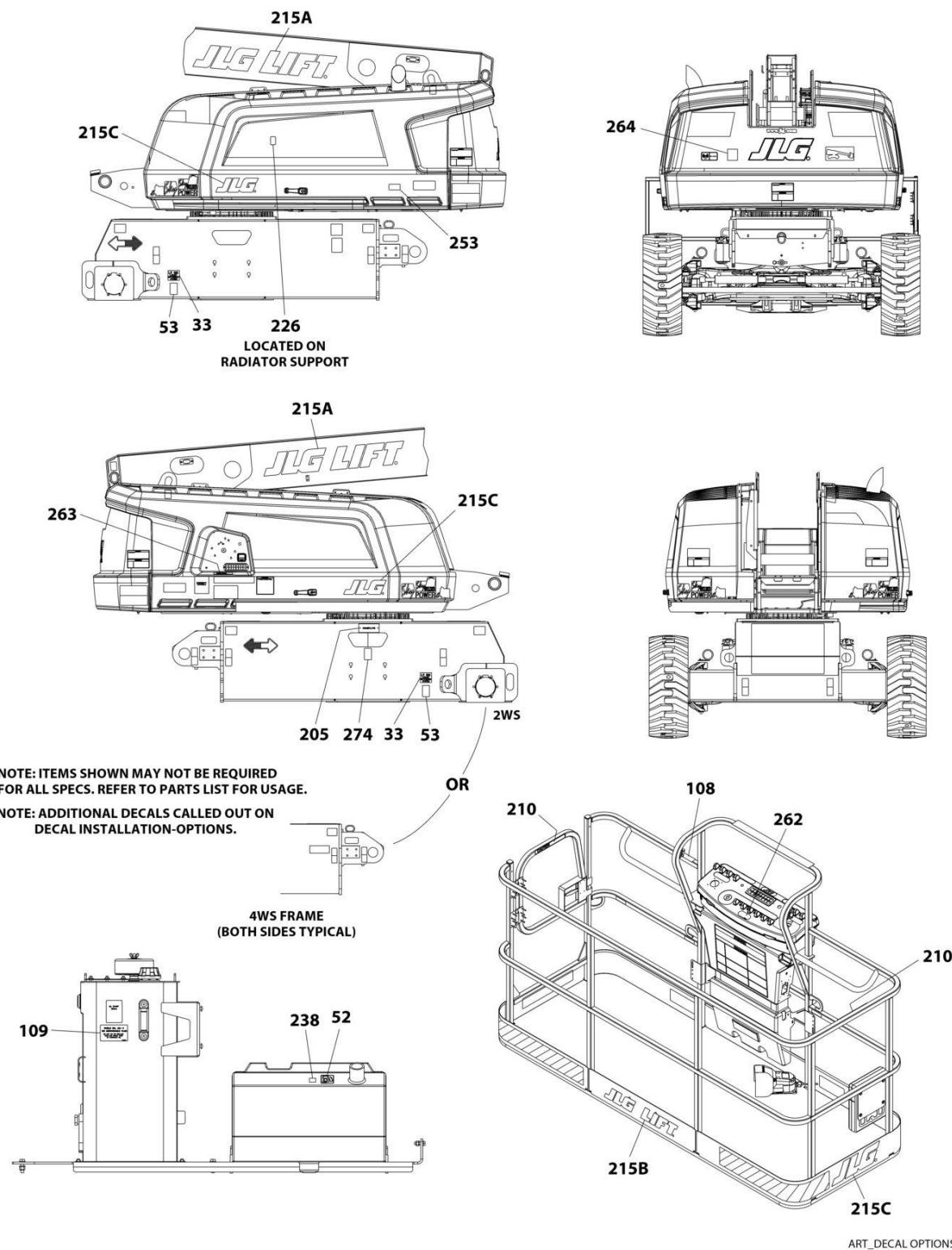
SECTION 9 - DECALS

FIGURE 9-19. DECAL INSTALLATION - 660SJ (LATIN AMERICAN SPECS - ENGLISH/SPANISH LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194224	Ref	DECAL INSTALLATION	
2	0700610	4	Bolt M6 x 20	
3	91403230	1	Box, Manual Storage	
4	1701499	8	Decal - No Tie Down/Lift	
5	1701509	1	Decal - Manual	
6	1701529	4	Decal - Arrow	
7	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
8	1702817	2	Decal - 660SJ	
9	1704001	2	Decal - No Hands	
10	1001216060	4	Decal - Maximum Tire Load	
11	1703923	1	Decal - Warning/Danger	
12	1703947	4	Decal - Warning/Crushing	
13	1703935	5	Decal - Electrocution	
14	1703811	4	Decal - Lifting Lug	
15	1703814	8	Decal - Tie Down	
16	1703941	3	Decal - Warning/Crushing	
17	1704277	3	Decal - Lanyard Attach	
18	1704412	1	Decal - Hydraulic Oil	
19	1704885	1	Decal - Website	
20	1705917	1	Decal - Warning/Inspection	
21	1705910	1	Decal - Drive/Steer Instruction	
22	3251243	1	Decal - 120V/60Hz	
24	1703983	1	Nameplate - Footswitch	
25	3290605	4	Nut M6	
26	3820001	2	Rivet	
27	4811700	8	Washer M6	
29	1001216747	2	Decal - Warning Dual Capacity	
30	1001216748	1	Decal - Warning Dual Capacity	
31	1001173262	1	Decal - Legend	
32	1001174313	1	Decal - Legend	
40	1001215615	1	Decal - Lift Diagram	
44	1001224049	1	Decal - Yearly Inspection	

SECTION 9 - DECALS

FIGURE 9-20. DECALS INSTALLATION - OPTIONS



SECTION 9 - DECALS

FIGURE 9-20. DECALS INSTALLATION - OPTIONS

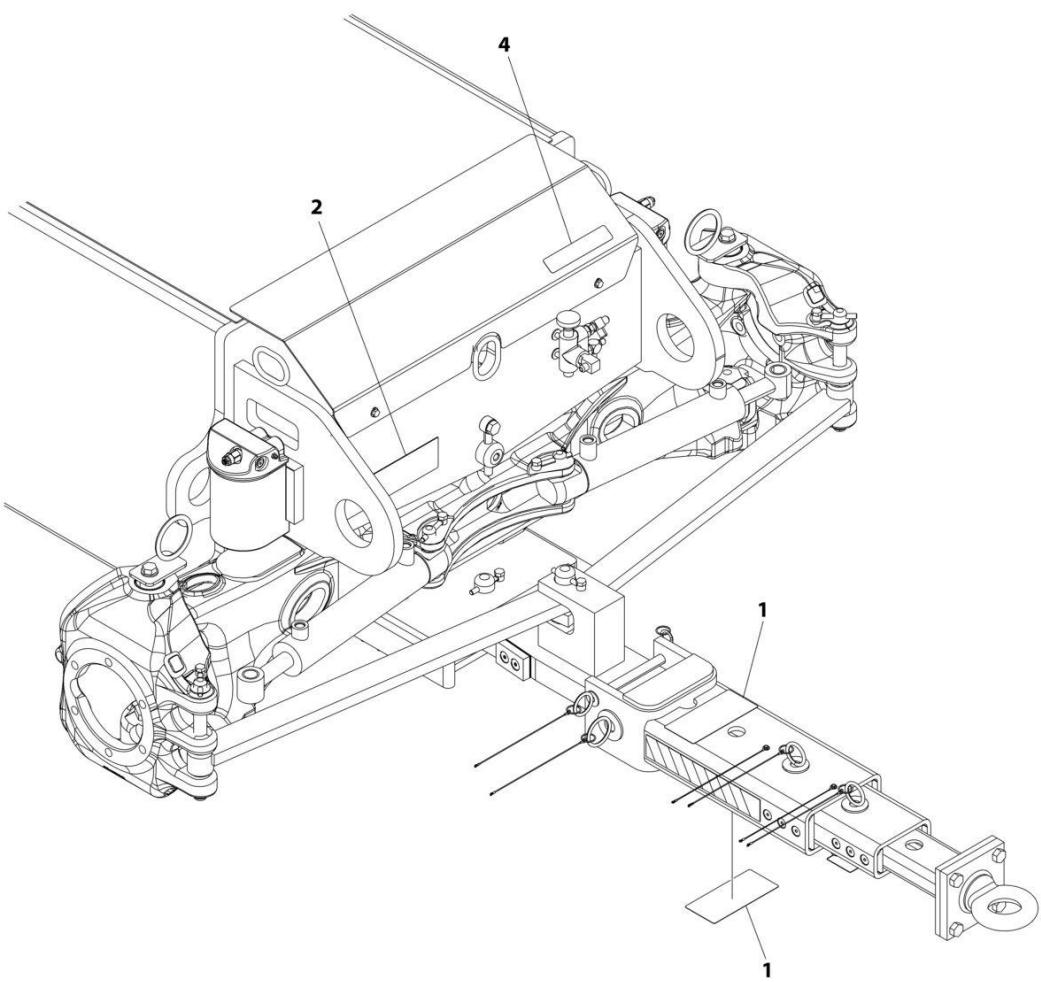
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194233	Ref	DECAL INSTALLATION - REFERENCE CHART	L
	1001188600	Ref	DECAL INSTALLATION - OPTIONS	U
33	1700818	2	Decal - LP Gas Liquid Withdrawal System (ANSI & ANSI Export Specs)	
33	1704271	2	Decal - LP Gas Liquid Withdrawal System (CSA Spec)	
33	1702720	2	Decal - LP Gas Liquid Withdrawal System (ANSI Export Specs)	
33	1001119661	1	Decal - LP Gas Liquid Withdrawal System (ANSI, ANSI Export and China Specs)	
52	1701542	1	Decal - Gas	
52	1701505	1	Decal - Diesel Fuel	
53	1701543	1	Decal - LPG (Gas Machines Only)	
108	0256487	Ref	Proposition 65 Warning Decal Installation (Diesel Machines) (SN 0300235168 through 0300247539)	
108	1702962	1	Decal - Proposition 65 (Diesel Machines)	
108	1001231801	Ref	Decal - Proposition 65 Warning (Diesel Engines) (SN 0300247540 to Present)	
108	0256488	Ref	Proposition 65 Warning Decal Installation (Gas Machines) (SN 0300235168 through 0300247539)	
108	1702961	1	Decal - Proposition 65 (Gas Machines)	
108	1001231801	Ref	Decal - Proposition 65 Warning (Gas Engines) (SN 0300247540 to Present)	
109	1702788	1	Decal - Biodegradeable Hydraulic Fluid (All Specs except German Spec)	
109	1703479	1	Decal - Biodegradeable Hydraulic Fluid (German Spec)	
109	1704174	1	Decal - SYN Biodegradeable Hydraulic Fluid (All Specs except German Spec)	
109	1704175	1	Decal - SYN Biodegradeable Hydraulic Fluid (German Spec)	
188	0272312	Ref	Decal Installation - Tire Sealant (Not Shown)	
188	2902203	1	Decal Kit - Tire Sealant (Machines with Tire Sealant) (Not Shown)	
205	See Note	NSS	Nameplate - Manufacturers Serial Number (Note: Not Available for Purchase)	
210		Ref	Decal - No Hands Options (Machines with Platform Mesh/Soft-Touch Options):	
210	1702868	2	Decal - No Hands (ANSI/ANSI Export/Australian/CE Specs) (English Language)	
210	1704002	1	Decal - No Hands (Brazil Specs) (Portuguese & Spanish Languages)	
210	1705968	2	Decal - No Hands (China Specs) (English & Simplified Chinese Languages)	
210	1001116846	2	Decal - No Hands (China Specs) (English & Traditional Chinese Languages)	
210	1704000	2	Decal - No Hands (CSA Specs) (English & French Languages)	
210	1705969	2	Decal - No Hands (Korean Specs) (English & Korean Languages)	
210	1704001	2	Decal - No Hands (Latin American Specs) (English & Spanish Languages)	
	1001206816	Ref	Decal Installation - JLG Logo (Not Shown)	A
215A	1702861	AR	Decal - JLG Lift	
215B	1702774	1	Decal - JLG Lift	
215C	1702773	AR	Decal - JLG	
226		Ref	Decal - Warning Explosion/Fire Options (Diesel Engine Machines Only):	

SECTION 9 - DECALS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
226	1704972	1	Decal - Warning Explosion/Fire (ANSI/ANSI Export Spec)	
226	1706098	1	Decal - Warning Explosion/Fire (Australian and CE 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	1706064	1	Decal - Warning Explosion/Fire (CSA Spec - Dual Language English/French)	
226	1706062	1	Decal - Warning Explosion/Fire (Japanese Spec - Dual Language English/Japanese)	
226	1706061	1	Decal - Warning Explosion/Fire (Korean Spec - Dual Language English/Korean)	
226	1706063	1	Decal - Warning Explosion/Fire (Latin American - Dual Language English/Spanish)	
238	1001125387	1	Decal - Ultra Low Sulfur Fuel (ANSI & CSA Specs)	
238	1001139654	1	Decal - Ultra Low Sulfur Fuel (ANSI Export HRC & Japanese Specs)	
253	1001143852	1	Decal - Emission Compliance (Machines with Diesel Engines) (ANSI Export, Australian, CE and China Specs) (Not Shown)	
262	1001141300	1	Decal - SkyGuard Override (Without Soft-Touch)	
262	1001141302	1	Decal - SkyGuard Override (With Soft-Touch)	
263	1001197408	1	Decal - MSSO (CE Specs)	
264	1001130492	1	Decal - Sound Power (Deutz D2011 Engines) (Australian and CE Specs)	
264	1705515	1	Decal - Sound Power (Deutz DT2.9L4 Engines) (Australian and CE Specs)	
274	1001214030	1	Decal - EAC Installation (CIS and Russia Specs)	
274A	1001173703	1	Decal - EAC	

SECTION 9 - DECALS

FIGURE 9-21. DECAL INSTALLATION - TOW (ANSI SPECS)



ART_1001188894

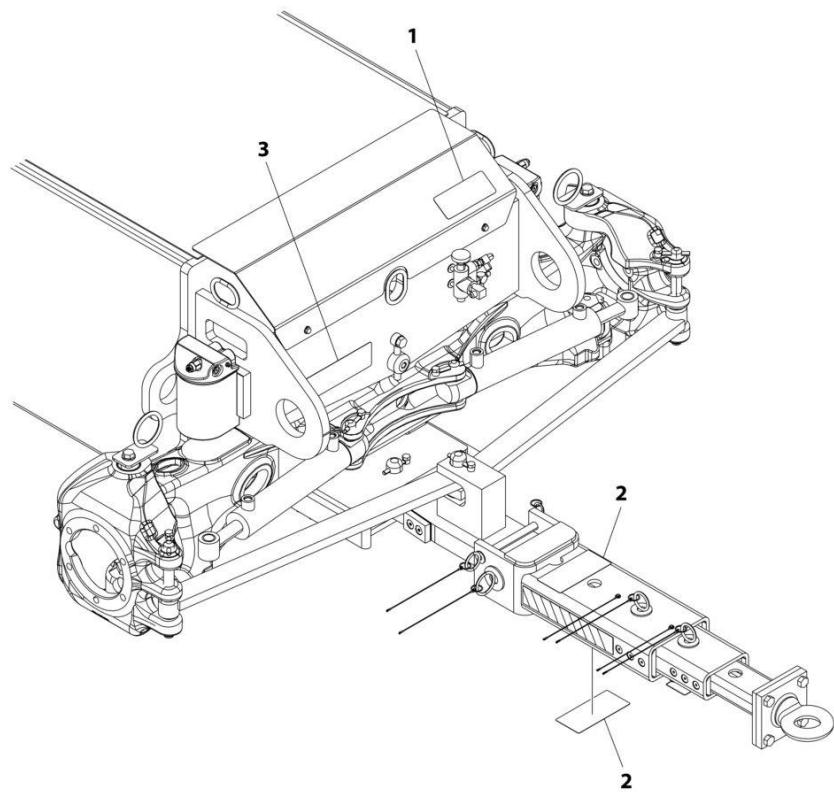
SECTION 9 - DECALS

FIGURE 9-21. DECAL INSTALLATION - TOW (ANSI SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001188894	Ref	DECAL INSTALLATION	
1	1704578	2	Decal - Crushing	B
2	1705090	1	Decal - Towing Instructions	
4	1001190159	1	Decal - Steer/Tow Select Valve	

SECTION 9 - DECALS

FIGURE 9-22. DECAL INSTALLATION - TOW (CSA SPECS)



ART_1001188895

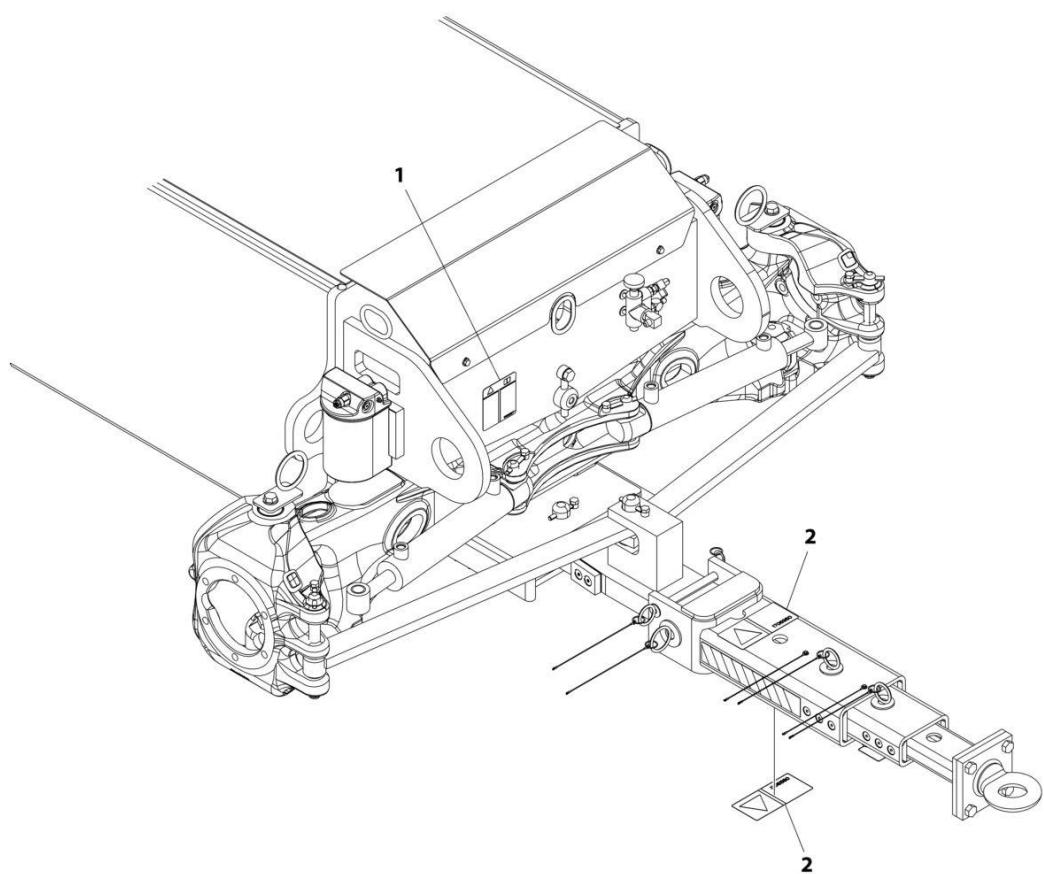
SECTION 9 - DECALS

FIGURE 9-22. DECAL INSTALLATION - TOW (CSA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001188895	Ref	DECAL INSTALLATION	
1	1704272	1	Decal - Steer/Tow Select Valve	B
2	1704578	2	Decal - Crushing	
3	1705820	1	Decal - Towing Instructions	

SECTION 9 - DECALS

FIGURE 9-23. DECAL INSTALLATION - TOW (ANSI EXPORT & CE SPECS)



ART_1001188896

SECTION 9 - DECALS

FIGURE 9-23. DECAL INSTALLATION - TOW (ANSI EXPORT & CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001188896	Ref	DECAL INSTALLATION	C
2	1706957	1	Decal - Tow Bar and Steer Select	
	1706960	2	Decal - Tow Bar Crushing	

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.	
		Ref	STANDARD PARTS	
	70010383	1	Element, Filter (Includes O-Ring)	
	70004653	1	Coil	
	80434249	1	Coil	
	70004595	1	Coil	
	70002386	1	Coil	
	70002814	12	Hydraulic Tank Service Kit	
	4360475	1	Switch, Mushroom	
	1001155045	1	Switch, Toggle	
	4360469	1	Switch, Key	
	2860030	1 Set	Key, Replacement	
	70004066	12	Element, Filter	
	70005683	1	Repair Section - Powertrack	
	70005335	12	Element, High Pressure Filter	
	70006122	1	Coil	
	4360407	1	Controller, Speed	
	4360387	1	Switch, Push Button	
	1001117174	1	Footswitch Assembly	
	1001159256	1	Switch, Toggle	
	1001161709	1	Switch, Toggle	
	1001212415	1	Controller, Drive and Steer	
	1001129555	1	Controller, Lift and Swing	
	1001161710	1	Switch, Toggle	
	1001137673	1	Switch, SkyGuard	
	70006004	1	Coil	
	1001196635	2	Fuse 3Amp	
	8229242	2	Fuse 5Amp	
	8229244	2	Fuse 15Amp	
	1001095704	1	Relay	
	1001129285	2	Diode	
	8229245	2	Fuse 30Amp	
		Ref	VARIABLE PARTS	
	1001219601	1	Sensor	
	1001187200	1	Module, Ground Control	
	1001142683	1	Module (Used with Blue or Red Beacons)	
	3740067	1	Relay (Deutz D2011 Engines)	
	70003783	12	Element, AC Filter (Deutz D2011 Engines)	
	7016331	12	Element, Oil Filter (Deutz D2011 Engine)	
	7016328	12	Filter, Fuel (Deutz D2011 Engines)	
	7027795	1	Module, Engine Control (ECU) (Deutz D2011 Engines)	
	1001138228	1	Relay (Deutz TD2.9L4 Engines)	
	70005008	12	Element, AC Filter (Deutz TD2.9L4 Engines)	
	7016331	12	Filter, Oil (Deutz DT2.9L4 Engines)	

SECTION 10 - RECOMMENDED SERVICE PARTS STOCK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70025153	12	Element, Fuel Filter (Deutz TD2.9L4 Engines)	
	70025210	1	Module, Engine Control (ECM/ECU) (Deutz TD2.9L4 Engines)	
	70005008	12	Element, AC Filter (Ford Engines)	
	70006213	12	Filter, Oil (Ford Engines)	
	70006155	1	Filter, Fuel (Ford Engines)	
	70006176	1	Module, Engine Control (ECU/GCP)	
	70006178	1	Plug, Spark (Ford Engines)	
	4360336	1	Switch, Toggle (Generator Options)	
	4360070	1	Circuit Breaker 15Amp (Machines with 4000W or 7500W Generator)	
	1001214831	1	Switch, Proximity (Boom)	
	1001170847	1	Sensor, Proximity	
	1001182570	1	Sensor, Proximity	
	1001211577	1	Sensor (Lower)	
	1001211578	1	Sensor (Upper) (600S)	
	1001211579	1	Sensor (Upper) (660SJ)	
	2940074	1	Latch (Machines with Gate Entry Platform)	
	1001185726	1	Module, Platform	
	4360331	1	Switch, Toggle (Machines with 4WS)	
	4360057	1	Switch, Limit (Machines with Soft-Touch Option)	
	4360477	1	Switch, Proximity (Machines with Overhead Soft-Touch Option)	
	1001181045	1	Breaker, Circuit 16A (CE Specs Machines with Single Breaker Box)	
	1001152479	1	Breaker, Circuit 16A Double (CE Specs Machines with 3 Breaker Box)	
	1001152482	1	Breaker, Circuit 30mA (CE Specs Machines with 3 Breaker Box)	
	80983191	2	Fuse - 10Amp (Deutz TD2.9L4 Engines)	
	3740080	1	Relay (Machines with 2500W Generator)	
	2400064	2	Fuse 5A (Deutz D2011 Engine Machines with 7500W SkyPower Generator)	

SECTION 11 - SPECIAL OPTIONS

SECTION 11 - SPECIAL OPTIONS

SECTION 11 - SPECIAL OPTIONS

FIGURE 11-1. SPECIAL OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	Note	Ref	Note: This list is to accommodate machines ordered with special equipment. Options may not be applicable to all models. For more specific parts information contact JLG Parts Department.	
		Ref	MISCELLANEOUS SPECIAL OPTIONS	
		Ref	Airline to Platform Installation Options:	
	1001192931	Ref	Airline Installation (600S)	
	1001194110	Ref	Airline Installation (600S Arctic Package)	
	1001193215	Ref	Airline Installation (660SJ)	
	1001194045	Ref	Airline Installation (660SJ Arctic Package)	
	1001194205	Ref	Airline Installation - Dual Lines (600S) (ANSI, ANSI Export, China & CSA Specs)	
	1001235884	Ref	Air Intake Shutoff Valve (Deutz TD2.9L4 Engines)	
	1001205017	Ref	Arctic Package Installation Kit - With Deutz TD2.9L4 Engines and Without SkyPower (600S)	
	1001205016	Ref	Arctic Package Installation Kit - With Deutz TD2.9L4 Engines and Without With SkyPower (600S)	
	1001205021	Ref	Arctic Package Installation Kit - With Deutz TD2.9L4 Engines and Without SkyPower (660SJ)	
	1001205020	Ref	Arctic Package Installation Kit - With Deutz TD2.9L4 Engines and Without With SkyPower (660SJ)	
	1001189169	Ref	Bellows Installation - Boom (600S)	
	1001189170	Ref	Bellows Installation - Boom (660SJ)	
	1001181778	Ref	Bellows Installation - Chassis (2WS)	
	1001181779	Ref	Bellows Installation - Chassis (4WS)	
	1001198884	Ref	Boom Cable/Hose Protection Installation (600S)	
	1001199095	Ref	Boom Cable/Hose Protection Installation (660SJ)	
	1001195235	Ref	Boom Wipers Installation (Standard Machines)	
	1001195236	Ref	Boom Wipers Installation (600S Shipyard Machines) (All Specs except Australian & CE Specs)	
	1001233047	Ref	Breather Heater Kit (Deutz Engines)	
	1001234099	Ref	ClearSky (Telematics) Installations (Dealer Installed)	
		Ref	ClearSky Telematics Kit (Dealer Installed) (CE Specs)	
		Ref	ClearSky Telematics (Factory Installed)	
	1001227404	Ref	ClearSky Telematics Installation - Canbus Connection (Factory Installed) (ANSI & CSA Specs)	
	1001228947	Ref	ClearSky Telematics Installation - Canbus Connection (Factory Installed) (CE Specs)	
	1001229107	Ref	ClearSky Telematics Installation - 3 Wire Connection (Factory Installed) (ANSI & CSA Specs)	
	1001233237	Ref	ClearSky Telematics Installation - 3 Wire Connection (Factory Installed) (CE Specs)	
		Ref	Cold Weather Package Installation Options:	
	1001192489	Ref	Cold Weather Package Installation (Deutz TD2011L04 Engine Machines)	
	1001192475	Ref	Cold Weather Package Installation (Deutz TD2.9L4 Engine Machines)	
	1001219855	Ref	Cold Weather Package Installation (Ford Engine Machines)	
	1001195224	Ref	Counterweight Installation - Chassis (Required for Turf Tires)	
	1001191019	Ref	Cribbing Switch installation	
		Ref	Decal Installations Options:	
	1001232732	Ref	Decal - Ahern Rentals	

SECTION 11 - SPECIAL OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232574	Ref	Decal - Blue Line Rentals	
	1001196083	Ref	Decal - Boels	
	1001120992	Ref	Decal - ClearSky (ANSI Spec) (ANSI, Australian, Brazilian and CSA Specs Only)	
	1001196088	Ref	Decal - Fedex	
	0257195	Ref	Decal - Government Warranty	
	1001196082	Ref	Decal - Head & Engquist Equipment (H&E)	
	1001232519	Ref	Decal - Herc Rentals	
	1001196080	Ref	Decal - Hertz	
	1001232520	Ref	Decal - Hertz (Canada)	
	1001202684	Ref	Decal - Hewitt Rental Store (CAT Rentals)	
	1001196084	Ref	Decal - Leavitt	
	1001196081	Ref	Decal - National Equipment Services (NES)	
	1001200131	Ref	Decal - Quick Reference (Danish) (Lomax Rentals)	
	1001200129	Ref	Decal - Quick Reference (Dutch) (Lomax Rentals)	
	1001181145	Ref	Decal - Quick Reference (English) (Lomax Rentals)	
	1001200128	Ref	Decal - Quick Reference (French) (Lomax Rentals)	
	1001200130	Ref	Decal - Quick Reference (German) (Lomax Rentals)	
	1001200134	Ref	Decal - Quick Reference (Norwegian) (Lomax Rentals)	
	1001200133	Ref	Decal - Quick Reference (Spanish) (Lomax Rentals)	
	1001200132	Ref	Decal - Quick Reference (Swedish) (Lomax Rentals)	
	1001232733	Ref	Decal - Riwal	
	1001195220	Ref	Decal - Soft-Touch (600S) (ANSI, ANSI Export & CSA Specs)	
	1001195221	Ref	Decal - Soft-Touch (600S) (CE Specs)	
	1001195222	Ref	Decal - Soft-Touch (660SJ) (ANSI, ANSI Export & CSA Specs)	
	1001195223	Ref	Decal - Soft-Touch (660SJ) (Australian & CE Specs)	
	1001196079	Ref	Decal - Sunbelt Rentals	
	1001237015	Ref	Decal - Synergy Equipment Installation	
	1001196086	Ref	Decal - Titan Rentals	
	1001196078	Ref	Decal - United Rentals	
		Ref	Decal Kits	
	1001108718	Ref	Platform Decal Kit (600S)	
	1001238895	Ref	Platform Decal Kit (660SJ)	
	1001119562	Ref	Platform Console Box Decal Kit (600S)	
		Ref	Electrical Connector Kits	
	1001148902	Ref	Amp/Tyco Electrical Connector Kit	
	1001148903	Ref	Deutsch DT Electrical Connector Kit	
	1001148904	Ref	Deutsch HD Electrical Connector Kit	
	1001148905	Ref	Packard Electrical Connector Kit	
	1001148906	Ref	Various Electrical Connectors Kit	
	1001220390	Ref	Engine Block Heater Installation (Ford Engine Machines)	
	1001192610	Ref	Fan Grille Installation (Deutz D2011 Engines)	
	1001192482	Ref	Fan Grille Installation (Deutz DT2.9L4 Engines)	
		Ref	Filter Kits:	
	1001238957	1	Combined Filter Kit (Hydraulic/Air and Fuel/Engine Oil)	
	1001238961	1	Deutz D2011 Engines	
	1001238960	1	Deutz TD2.9L4 Engines	
	1001109692	1	Ford Engines	
	1001110133	1	Hydraulic/Air Filter	
	1001139099	Ref	Fuel/Engine Oil Filter (Deutz Engines Only)	
		Ref	Fire Extinguisher installation (Platform Mounted)	
		Ref	Fluids	

SECTION 11 - SPECIAL OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2300004	Ref	Coolant Options: Machines without Arctic Package	
	2300041	Ref	Machines with Arctic Package	
	3020021	Ref	Engine Coupling Grease	
		Ref	Engine Oil Options:	
	3020016	Ref	Motor Oil (Deutz TD2011 Engine Machines without Arctic Package)	
	3020044	Ref	Motor Oil (Deutz TD2011 Engine Machines with Arctic Package)	
	1001136079	Ref	Motor Oil (Deutz T2.9L4 Engine Machines without Arctic Package)	
	1001136172	Ref	Motor Oil (Deutz T2.9L4 Engine Machines with Arctic Package)	
	1001190775	Ref	Motor Oil (Ford Engine Machines)	
		Ref	Hydraulic Fluids:	
	2300014	Ref	Mobil 424	
	2300027	Ref	Mobil 224H Bio	
	2300029	Ref	Mobil EAL ISO 46 Bio	
	2300016	Ref	Mobil DTE 10 EXCEL 32	
	2300019	Ref	Quaker State Quintolubric 888-46 Fire Resistant	
	2300039	Ref	Exxon Univis Hvl 26 (Machines with Arctic Package)	
	1001237883	Ref	Fall Arrest (Bolt-on) Add-on Kit (6ft/1.82m Platform (ANSI, ANSI Export, China, CSA & Japanese Specs Only) (Fits Platform p/ns 1001186384 & 1001228376)	
	1001237882	Ref	Fall Arrest (Bolt-on) Add-on Kit (8ft/2.4m Platform (ANSI, ANSI Export, China, CSA & Japanese Specs Only) (Fits Platform p/ns 1001186383)	
	1001117294	Ref	Footswitch Shield (Note: Move Decal to Shield)	
	1001202749	Ref	Fuel Cap Cover Installation (Black) (Note: Lock p/n 1001102157 must be Purchased Separately)	
	1001191395	Ref	Fuel Cap Cover Installation (Green) (Diesel Machines) (Note: Lock p/n 1001102157 must be Purchased Separately)	
	1001191394	Ref	Fuel Cap Cover Installation (Red) (Gas Machines) (Note: Lock p/n 1001102157 must be Purchased Separately)	
	1001126286	Ref	Hood (Steel) Replacement Kit	
		Ref	Deutz Engine Machines	
		Ref	Hostile Environment Installation Options:	
	1001238927	Ref	Hostile Environment Installation (600S - 2WS)	
	1001238928	Ref	Hostile Environment Installation (600S - 4WS)	
	1001238929	Ref	Hostile Environment Installation (660SJ - 2WS)	
	1001238930	Ref	Hostile Environment Installation (660SJ - 4WS)	
	1001195237	Ref	Hostile Package (Extreme) Installation (600S/660SJ - 2WS)	
	1001195238	Ref	Hostile Package (Extreme) Installation (600S/660SJ - 4WS)	
	1001189615	Ref	Kingpin Removal Kit	
	1001148971	Ref	Lanyard (Bolt-On) Kit Installation	
		Ref	Light Options:	
	1001190761	Ref	Chassis Illumination Lights Installation	
	1001190717	Ref	Headlights & Taillights Installation	
	1001120467	Ref	Platform Floodlights Installsation	
	1001178951	Ref	Platform Mounted Strobe Light Installation	
	1001193521	Ref	Platform/Ground Dual Located Mounted Strobe Light Installation	
	1001120466	Ref	Platform Worklights Installation	
	1001183407	Ref	Low Temperature Cutout Installation (Russian Specs)	
		Ref	Oil Cooler Options:	
	1001195355	Ref	Oil Cooler Installation (Deutz TD2011 Engine)	

SECTION 11 - SPECIAL OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001195354	Ref	Oil Cooler Installation (Deutz TD2.9L4 Engine)	
	1001219854	Ref	Oil Cooler Installation (Ford Engine)	
	1001110982	Ref	Platform Bumpers Installation (Shipyard Spec Machines)	
		Ref	Platform Console Cover Installations	
	1001195304	Ref	Platform Console Cover Installation (Clear Polycarbonate)	
	1001110974	Ref	Platform Console Cover Installation (Steel) (All Specs)	
	1001125230	Ref	Platform Console Cover Installation (Steel) (Chinese Specs)	
	1001125229	Ref	Platform Console Cover Installation (Steel) (Korean Specs)	
		Ref	Platform Entry Kit	
	1001142504	Ref	Kit, Replace Swing Gate with Drop Bar	
	1001142505	Ref	Kit, Replace Drop Bar with Swing Gate	
		Ref	Platform Extension (Top Rail)	
	0272733	Ref	36in x 72in Platforms	
	0272725	Ref	36in x 96in Platforms	
		Ref	Platform Mesh to Top Rail Add-on Kits:	
	1001214552	Ref	30in x 4ft (76cm x 1.22m) with Gate	
	1001214559	Ref	30in x 5ft (76cm x 1.52m) with Gate	
	1001214560	Ref	30in x 6ft (91.5cm x 1.83m) with Gate	
	1001214561	Ref	36in x 6ft (91.5cm x 1.83m) with Gate	
	1001214562	Ref	36in x 8ft (91.5cm x 2.44m) with Gate	
		Ref	Platform Mesh to Top Rail Installations	
	0273147	Ref	30in x 4ft (76cm x 1.22m)	
	0273146	Ref	30in x 5ft (76cm x 1.52m)	
	0273149	Ref	36in x 6ft (91.5cm x 1.83m)	
	0273145	Ref	36in x 8ft (91.5cm x 2.44m)	
		Ref	Platform Mesh to Mid Rail Add-on Kits:	
	1001214478	Ref	30in x 4ft (76cm x 1.22m) with Gate	
	1001214515	Ref	30in x 5ft (76cm x 1.52m) with Gate	
	1001214540	Ref	36in x 6ft (91.5cm x 1.83m) with Gate	
	1001214548	Ref	36in x 8ft (91.5cm x 2.44m) with Gate	
		Ref	Platform Mesh to Mid Rail Installation	
	1001140318	Ref	30in x 4ft (76cm x 1.22m)	
	1001140315	Ref	30in x 5ft (76cm x 1.52m)	
	1001138772	Ref	36in x 6ft (91.5cm x 1.83m)	
	1001138773	Ref	36in x 8ft (91.5cm x 2.44m)	
	1580013	Ref	Platform Storage Tray (Corner Mounted)	
	1001238903	Ref	Platform Valve Hose Kit - 600S	
	1001238906	Ref	Platform Valve Hose Kit - 660SJ	
	1001233035	Ref	Pinion Shield Installation	
	2902232	Ref	SkyGlazier Kit (Includes 36in x 8ft (91.5cm x 2.44m) Platform)	
	1001101422	Ref	SkyGlazier Kit (Platform not Included)	
	1001137672	Ref	SkyGuard Installation Kit (Old Style Platform)	
	1001197016	Ref	SkyGuard Installation Kit (New Style Platform)	
	1001206311	Ref	SkyGuard Blue Beacon Installation Kit	
	1001217055	Ref	SkyPower Kit (Deutz TD2.9L4 Engine)	
	1001231235	Ref	SkyWelder Locking Bracket Installation	
	1001200279	Ref	Telematics Installation (Customer Supplied)	
	1001210089	Ref	Telematics - Cat	
	1001228363	Ref	Telematics - Herc	
	1001209282	Ref	Telematics - Loxam	
	1001210090	Ref	Telematics - Riwal	

SECTION 11 - SPECIAL OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001195610	Ref	Telematics - United Rentals (M6)	
	1001214463	Ref	Telematics - United Rentals (M8)	
	1001228580	Ref	Telematics Installation Canbus (Customer Supplied)	
		Ref	Tools for Service	
	7002840	1	Anti-Rotation Pin Removal Tool	
	8896941	1	Wire Stripper	
	7002821	1	Wire Crimper (To install wire ends to wires)	
	7002823	1	Pin/Socket Extractor - Universal (To Remove Pins/Sockets from Connectors)	
	4460467	1	Extractor - 16-18 Gauge (For Removal of Pin/Sockets from Deutsch Connectors)	
	4460510	1	Extractor - 12-14 Gauge (For Removal of Pin/Sockets from Deutsch Connectors)	
	7002822	1	Screwdriver, Potentiometer (To Adjust Drive Controllers)	
	7016654	1	Screwdriver, Magnetic	
	7004275	1	Seal Installation Tool - 1in	
	7004276	1	Seal Installation Tool - 1-1/2in	
	7002826	1	Seal Installation Tool - 2in	
	7016655	1	Wire Rope Sheave Gauge	
	7016652	1	Huck Bolt Faster (For Small Huck Bolts Only)	
	1001137005	1	Software Cable Kit	
	2915096	Ref	Turntable Bearing Kit	
	1001238902	Ref	Upper Power Track Hose Kit - 600S	
	1001238904	Ref	Upper Power Track Hose Kit - 660SJ	
	1001238898	Ref	Wear Pad Kit	
	1001238907	Ref	Wire Rope Kit	

PART NUMBER INDEX

PART NUMBER INDEX

0100009.....403	0272448.....449	0681620 459, 461, 463	0710827.....239
0100011....15, 17, 19, 21, 23, 25, 49, 51, 53, 57, 59, 61, 63, 85, 89, 91, 93, 95, 99, 101, 103, 105, 107, 128, 129, 131, 133, 136, 139, 141, 147, 151, 154, 157, 161, 164, 171, 175, 178, 183, 187, 190, 203, 205, 208, 215, 219, 222, 227, 231, 234, 239, 257, 273, 275, 277, 279, 281, 283, 285, 287, 289, 293, 295, 299, 303, 307, 311, 315, 319, 324, 328, 332, 336, 339, 341, 347, 349, 351, 353, 355, 361, 363, 365, 367, 369, 373, 377, 381, 385, 389, 391, 395, 427, 431, 433, 435, 437, 447, 449, 451, 475, 481, 487, 567, 569, 571, 573, 575, 577, 579, 581, 583, 585, 587, 589	0272521.....447	0681810 23, 25	
0100019....23, 25, 75, 81, 289, 295, 299, 303, 307, 311, 315, 319	0272588.....447	0681814 387, 397	0711014.....222, 234
0100020....147, 154, 157, 164, 171, 178, 184, 190, 203, 208, 215, 222, 227, 234, 257, 425, 539, 543, 547, 551, 555, 557	0272589.....308	0681822 387, 397	0711015.....277
0100035....403, 579, 581, 583, 585, 587, 589	0272725.....731	0682016 23, 25	0711018....147, 157, 171, 183, 203, 215, 227
0100038....475, 481, 487	0272733.....731	0682023 81	0711020....222, 234, 277
0100048....289, 303, 315, 403	0273145.....731	0682040 23, 25	0711216.....239
0100071.....429	0273146.....731	0682424 459, 461, 463	0711223.....222, 234
0100079....299, 303, 311, 315, 319, 535, 537, 541, 545, 549, 553	0273147.....731	0700408 ... 537, 539, 541, 543, 545, 547, 549, 551, 553, 555, 557	0711224....154, 164, 178, 190, 208, 275, 277, 279, 281
0100081....347, 403, 441, 443, 445	0273149.....731	0700608 ... 101, 103, 105, 107	0711627....154, 164, 178, 190, 208
0140011.....403	0273706.....437	0700610 99, 285, 287, 401, 675, 677, 679, 681, 683, 685, 687, 689, 691, 693, 695, 697, 699, 701, 703, 705, 707, 709, 711	0711629.....21
0140043....101, 103, 105, 107	0273824.....431	0700612 401	0711635.....324, 328
0181949.....257	0275216 537, 539, 657	0700614 ... 147, 157, 171, 183, 203	0721004.....53
0200048....431, 433, 435, 437	0275217 541, 543, 659	0700615 141	0721005....431, 433, 435, 437
0256487.....713	0275452 545, 547, 661	0700616 139	0731005.....91, 93, 95
0256488.....713	0275453 549, 551, 663	0700618 ... 537, 541, 545, 549, 553	0741605.....178, 190
0257195.....729	0275454 553, 555, 665	0700619 ... 101, 103, 105, 107, 131, 133, 215, 227	0741607.....53, 295, 299, 303, 315, 319
0257728.....455	0362910.....53	0700816 239	0760408.....257
0270528.....53	0400075.....99	0700818 ... 239, 567, 569, 571, 573, 575, 577, 579, 579, 581, 583, 585, 587, 589	0760512....171, 183, 255
0272070.....365	0440162... 147, 157, 171, 183, 203, 215, 227	0700819 ... 299, 303, 307, 311, 315, 319, 589, 609, 611	0760605.....239
0272254.....449	0440233.....81	0700822 ... 567, 569, 571, 573, 575, 577, 579, 581, 583, 585, 587, 589	0760606....285, 287, 289, 295, 299, 303, 307, 311, 315, 319
0272312.....713	0480100.....455, 457	070101219, 21, 128, 136, 147, 157, 171, 183, 203, 215, 227	0760610....131, 133, 154, 164, 178, 190, 208, 222, 234, 239, 295, 324, 328, 535, 563, 565
0272418....441, 443, 445	0480124.....285, 287	0701013 332, 336	0760612....101, 103, 105, 107, 151, 161, 175, 187, 205, 219, 231
0272427.....435	0561508.....332, 336	0701014 17, 239, 401	0760614....123, 125, 180, 192, 267, 269, 332, 336
0272435....313, 317, 320	0630462 ... 431, 433, 435, 437	0701015 .91, 93, 95, 171, 183	0760615....239, 609, 611
	0630518....447, 449, 451	0701016 136, 255	0760619.....178, 190
	0630534 ... 475, 479, 481, 483	0701018 339, 341	0760807....239, 353, 355
	0630535.....487, 489	0701019 324, 328	0760810....128, 136, 179, 190, 215, 222, 227, 234, 369
	0630568.....404	0701022 ... 147, 157, 171, 183, 203	0760812....131, 133, 222, 234, 349, 351, 579, 581, 583, 585, 587, 589
	0630613.91, 93, 95, 128, 136	0701026 283	0760814....178, 190, 215, 222, 227, 234, 257, 285, 287, 289, 347, 349, 351, 567, 569, 571, 573, 575, 577
	0641404.....403	0701028 332, 336	0760815....154, 164, 208, 222, 234
	0641405.....439	0701029 332, 336	0760816....154, 164, 180, 192, 208, 257
	0641406.....399	0701032 347	0760817.....239
	0641408.....131, 133	0701216 128, 129, 136	0760822....347, 569, 571, 575
	0641409.....139, 141	0701217 ... 15, 85, 89, 91, 93, 95	0760824.....347
	0641414... 403, 427, 429, 431, 433, 435, 437	0701219 17	0761009....57, 59, 61, 63, 271, 332, 336, 347, 349, 351, 353, 355,
	0641416... 539, 543, 547, 551, 555, 557	0701220 ... 128, 129, 136, 567, 569, 571, 573, 575, 577, 579, 581, 583, 585, 587, 589	
	0641418 ... 373, 377, 385, 389, 391, 395	0701221 91, 93, 95	
	0641420.....381	0701617 21	
	0641424... 579, 581, 583, 585, 587, 589	0701620 23, 25	
	0641507.....289		
	0641508....285, 287, 293		
	0641511.....53		
	0641514.....455, 457		
	0641606....447, 449, 451		
	0641607...91, 93, 95, 290		
	0641608...91, 93, 95, 439		
	0641616.....303, 315		
	0641618 ... 295, 299, 307, 311		
	0641812.....365, 369		
	0641814 ... 151, 161, 175, 187, 205, 219, 231		
	0642010.....53		
	0642012....441, 443, 445		
	0642212....441, 443, 445		
	0642684 365, 367, 369		
	0681608 365, 367, 369		

PART NUMBER INDEX

567, 569, 571, 573, 575, 577, 579, 581, 583, 585, 587, 589	0961948 336, 471	1001110982 731	1001119455 510, 516, 522, 528
0761010 332, 336	0961950 15, 17	1001112551 695	1001119562 729
0761011 324, 332, 336	0961951 ... 154, 164, 178, 190, 208, 222, 234, 332, 336, 343	1001112612 667, 671	1001119661 713
0761012 ... 285, 287, 332, 336, 339, 341	0962033 332, 336	1001112796 667	1001120204 567, 579
0761014 93, 139, 141, 215, 223, 227, 235, 333, 337, 339, 341, 369	0962051 273	1001113047 139	1001120205 567, 579
0761015 ... 128, 154, 164, 178, 190, 208, 222, 234, 253, 255, 275, 277, 279, 281, 347	0962181 21	1001113386 341	1001120328 427, 609, 611, 653
0761016 ... 123, 125, 178, 190, 222, 234, 251, 253, 293, 333, 337	0962270 387, 397	1001113643 439	1001120466 730
0761017 ... 180, 192, 333, 337	0962335 339	1001113680 677, 697	1001120467 730
0761019 319	0962336 ... 475, 477, 479, 481, 483	1001113691 439	1001120851 631
0761210 ... 147, 157, 171, 179, 184, 190, 203	0962348 21	1001113741 439	1001120992 729
0761212 ... 295, 299, 303, 307, 311, 315, 328	0962355 341	1001113743 439	1001121172 672
0761214 289	0962423 ... 324, 328, 332, 336, 473	1001113961 671	1001125229 731
0761215 85, 89	0962449 285	1001115044 215, 227	1001125230 731
0761216 ... 293, 367, 369	0962520 ... 295, 299, 303, 307, 311, 315, 319	1001116290 139, 141	1001125387 714
0761415 ... 295, 299, 307, 311	1001026127 147, 157, 171, 183, 203	1001116693 649	1001125492 75
0761615 15, 17	1001080707 93	1001116694 645, 647	1001125677 650, 653, 655, 672
0762016 ... 129, 136, 324, 328	1001090615 439	1001116695 649	1001126286 730
0770814 281	1001091102 257, 563, 565	1001116705 649	1001126351 619, 623
0771414 ... 154, 164, 178, 190, 208, 275, 279	1001095704 671, 724	1001116727 619, 623	1001126352 619, 623
0771415 277, 281	1001096070 295, 593	1001116728 619, 623, 671	1001126356 619, 623
0771416 ... 154, 164, 178, 190, 208	1001096456 19, 21	1001116732 617, 631	1001126357 619, 623
0771620 75	1001097150 591, 593, 595, 597	1001116734 617, 631	1001126362 620, 624
0772018 75, 147, 157, 171, 183, 203, 215, 227	1001098122 425, 649	1001116748 599, 653, 655	1001126363 620, 624
0860038 ... 299, 303, 311, 315, 319, 535	1001098764 180, 192	1001116774 667	1001126365 620, 624
0861538 311, 315, 319	1001098828 369	1001116792 579, 581, 583, 585, 587, 589	1001126384 619, 623
0861572 307	1001099366 441, 443, 445	1001116808 667	1001126391 620, 624
0861731 ... 557, 661, 663, 665	1001099367 441, 443, 445	1001116845 681, 701	1001128128 617
0861781 657, 659	1001099869 285	1001116846 683, 703, 713	1001128527 451
0861880 591, 593	1001100234 285	1001116847 681, 701	1001128556 451
0902888 ... 299, 303, 307, 311, 315, 319	1001100321 285	1001116848 681, 701	1001128901 222, 234
0940049 128	1001100341 657	1001116851 683, 703	1001129285 671, 724
0940092 ... 431, 433, 435, 437	1001100342 659	1001116863 683, 703	1001129555 724
0940094 ... 431, 433, 435, 437	1001100345 661	1001116952 619, 623	1001129858 299
0940102 ... 441, 443, 445	1001100346 665	1001116983 629	1001130220 101, 103,
0940103 431, 435	1001100347 663	1001117025 617	105, 107, 123, 125, 147, 157, 171, 183,
0940133 437	1001100825 219, 231, 263	1001117057 631	203, 293, 295, 300, 303, 308, 312, 315,
0940177 433	1001101422 731	1001117106 619	319, 324, 328
0961845 ... 373, 377, 381, 385, 389, 391, 395	1001102858 439	1001117107 619, 623	1001130492 714
0961893 ... 475, 479, 481, 483	1001102978 273	1001117172 425	1001131269 675, 685,
0961897 487	1001103012 671	1001117174 403, 425, 724	693, 705
0961947 ... 339, 341, 345, 469	1001104029 299, 303, 308, 312, 315, 319	1001117294 730	1001131802 439
	1001104498 672	1001117307 136	1001133245 487, 489,
	1001106736 609, 611, 613, 615	1001117308 178, 190	491
	1001107854 671	1001118282 617	1001133714 619, 624
	1001108256 433	1001118378 671	1001133715 620, 624
	1001108718 729	1001118384 649	1001133956 619, 623
	1001109692 729	1001118388 649	1001133957 623
	1001110133 729	100111897293, 147, 157, 171, 183, 203, 215, 227	1001134488 178, 190
	1001110872 559, 561	1001119020 667	1001134543 75
	1001110873 299, 303, 312, 315, 319, 535	1001119032 671	1001135138 178, 190
	1001110926 439	1001119051 147, 157, 171, 183, 203, 215, 227	1001135488 332, 336
	1001110935 439	1001119280 285, 287, 289, 293	1001135651 620, 624
	1001110974 731		1001135679 178, 190

PART NUMBER INDEX

1001136571.....332, 336	1001142736.....123, 125, 667	1001153197300	1001169046.....128, 139, 141
1001136575.....332, 336	1001142938619, 623	1001153260300, 304	1001169054.....179, 191, 223, 235
1001136583.....332, 336	1001142940624	1001153398332, 336	1001169138.....179, 191, 223, 235
1001136587.....332, 336	1001142941619, 624	1001154405171, 183, 255	1001169661.....500
1001136592.....332, 336	1001143390154, 164, 208	1001154726631	1001169967.....179, 191, 223, 235
1001136834.....178, 190	1001143645567, 569, 571, 573, 575, 577, 579, 581, 583, 585, 587, 589	1001155043109, 111, 339, 341, 403, 407, 409, 411, 413	1001170035.....179, 191, 223, 235
1001136975.....147, 158, 171, 183, 203	1001143713332, 336	1001155045109, 111, 339, 341, 403, 724	1001170838.....109, 111, 403
1001137005.....732	1001143852714	1001155094147, 157, 171, 183, 203, 215, 227	1001170847.....361, 363, 725
1001137032.....324	1001144433403	1001155441361, 363	1001171131.....559
1001137125.....361, 363	1001144629375, 379, 383, 389, 393	1001155823171, 183	1001171335.....675
1001137276.....178, 191	1001146220109, 111, 403	1001157520312, 316, 320	1001171336.....675
1001137672.....731	1001146368154, 164, 167	1001157521308, 312, 316, 320	1001171341.....687
1001137673.....427, 724	1001146588567, 569, 571, 573, 575, 577, 579, 581, 583, 585, 587, 589	1001157525308	1001171342.....687
1001138173.....154, 164, 208, 222, 234	1001147264623	1001157528308, 312, 316, 320	1001171345.....689
1001138175.....154, 164, 208, 222, 234	1001148138290	1001157891649	1001171346.....689
1001138228.....178, 191, 724	100114860791, 95	1001158007308, 312, 316, 320	1001171349.....691
1001138248.....155, 165, 209, 222, 234	1001148650332, 336	1001158363300, 304	1001171350.....691
1001138436.....332, 336	1001148902729	1001159120559, 561	1001171351.....685
1001138459.....324, 328	1001148903729	1001159121561	1001171352.....685
1001138494.....377, 381, 385, 389, 391, 395	1001148904729	1001159186641, 649	1001171355.....683
1001138514.....377, 381, 385, 391, 395	1001148905729	1001159256403, 724	1001171356.....683
1001138565.....295	1001148906729	1001161709403, 724	1001171359.....677
1001138566.....295, 300, 303	1001148971730	1001161710215, 227, 407, 409, 411, 413, 724	1001171360.....677
1001138772.....731	1001149160239	1001162538 ...57, 59, 61, 63, 73	1001171482.....109, 111
1001138773.....731	1001149452251, 253	100116371721	1001172064.....623, 672
1001138795.....479	1001149469251, 253	1001164726139, 141	1001172065.....623
1001138827.....178, 191	1001149639223, 234	1001164817467	1001172615.....128, 136
1001138915.....487, 489	100115032415, 17	1001165035147, 158, 171, 183, 203, 222, 234, 255	1001172663.....369
1001139078.....347	100115032615, 17	1001165388155, 165, 209	1001172760.....404
1001139099.....729	100115056953	1001166538403, 419	1001173262.....675, 677, 681, 683, 685, 687, 689, 691, 693, 697, 701, 703, 705, 707, 709, 711
1001139357.....295, 300	100115057053	1001166539404, 421	1001173529.....109, 111
1001139384.....131, 133, 139, 141	100115057153	100116656315, 17	1001173535.....224, 235
1001139654.....714	1001150918157, 183, 228	1001166716179, 191	1001173703.....714
1001139819.....154, 164, 208	1001151192347	1001166894273	1001174231.....324, 328
1001140312.....191	1001151393113, 115, 117, 119	1001167042179, 191	1001174250.....324, 328
1001140315.....731	1001151856620, 624	1001167164267, 269	1001174251.....324, 328
1001140318.....731	1001152429308, 312, 639	1001167565369	1001174252.....324, 328
1001140346.....303	1001152456300, 304	1001167567369	1001174253.....324, 328
1001140429.....373, 377, 381, 385, 389, 391, 395	1001152457300, 304	1001167596369	1001174254.....324, 328
1001140535.....178, 191	1001152479595, 597, 725	1001167962407	1001174256.....324, 328
1001140564.....179, 191	1001152482595, 597, 725	1001167963407	1001174313.....675, 677, 681, 683, 685, 687, 689, 691, 693, 697, 701, 703, 705, 707, 709, 711
1001141300.....714	1001152483595, 597	1001168018154, 164, 179, 191, 208, 223, 235, 275, 277, 279, 281	1001174486.....147, 157, 158, 203, 215, 227, 251, 253
1001141302.....714	1001152485565, 595	1001168166155, 164, 179, 191, 209	1001174630.....347
1001141304.....180, 192	1001152486565, 597	1001168402369	1001174631.....347
1001141694.....154, 164, 208	1001152489179, 191	1001169046.....128, 139, 141	1001174632.....347
1001141814.....295, 307	1001152520308	1001169054.....179, 191, 223, 235	1001174636.....347
1001141995.....154, 164, 208, 223, 234	1001152525300, 304, 308, 312, 316, 320	1001169138.....179, 191, 223, 235	1001174673.....128, 131, 133, 347
1001142501.....171, 183	1001152530300, 304	1001169661.....500	1001174675.....532
1001142504.....731	1001152532296, 300, 304, 633	1001170035.....179, 191, 223, 235	1001175073.....273
1001142505.....731			
1001142643.....304, 316			
1001142646.....304, 316			
1001142683.....123, 125, 724			

PART NUMBER INDEX

1001175346	487	1001181960.....	339, 341	1001186701	532	1001188533	603, 609,
1001175568	171, 183	1001181962.....	339, 341	1001186806	171	611	
1001175631	532	1001182046.....	339	1001186807	183	1001188534	605, 613,
1001175632	532	1001182064.....	339, 341	1001186808	147	615	
1001175850	332, 336,	1001182138.....	429	1001186809	157	1001188535	154, 164,
487		1001182570.....	361, 363,	1001186811	171, 175	179, 191, 208	
1001175852	487	725		1001186812	175, 178	1001188600	713
1001175998	333, 337	1001182694.....	19, 21	1001186813	183, 187	1001188622	369
1001175999	333, 337	1001182695... 19, 21, 485		1001186814	187, 190	1001188642	609, 611,
1001176208	333, 337	1001182697.....	19, 21	1001186815	147, 151	613, 615, 671	
1001176212	333, 337	1001183407.....	730	1001186816	151, 154	1001188643	611, 615,
1001176216	337	1001183926.....	324, 328	1001186817	157, 161	647	
1001176217	328, 336	1001184209.....	15, 17	1001186818	161, 164	1001188644	609, 611,
1001176339	487	1001184213.....	21	1001186902.....	179, 191,	613, 615, 641	
1001176469	115, 119	1001184216.....	17	195		1001188664	99
1001176848	19, 21	1001184327.....	136	1001186980	273	1001188666	99
1001176862	559	1001184500.....	324, 328,	1001186981	273	1001188667	147, 157,
1001177359	179, 191	473		1001187022	83	203	
1001177519	487, 489	1001184619.....	409	1001187082	154, 164,	1001188668	171, 183
1001177520	487, 489	1001184620.....	409	208		1001188669	171, 183
1001177521	487, 489	1001184621.....	409	1001187200.....	101, 103,	1001188670	147, 157,
1001177522	487, 489	1001184626.....	401	105, 107, 724		203	
1001177844	179, 191	1001184691.....	17	1001187308.....	496, 504	1001188731	532
1001178057 ... 91, 93, 95,	97	1001184725.....	257	1001187311.....	496, 504	1001188732	532
1001178951	730	1001184727.....	43	1001187312.....	496, 500,	1001188763	496, 500
1001179154 300, 304,	312, 316, 320	1001184728.....	43	504		1001188844	369
1001179837	289	1001184881.....	37, 43	1001187316	504	1001188889	427
1001180001	289	1001184913.....	333, 337	1001187317	496, 504	1001188893	53
1001180315	17	1001184915.....	333, 337	1001187318	496, 500,	1001188894	717
1001180316	17	1001184917.....	333, 337	504		1001188895	719
1001180620	179, 191,	1001184918.....	333, 337	1001187348	324, 343	1001188896	721
222, 234		1001184930.....	151, 161,	1001187470	89	1001188898	530
1001180882	333	175, 187, 205, 219,		1001187508	427	1001188972	157, 183,
1001180883	324, 332	231, 248		1001187521	23, 25, 33	228	
1001180884	324	1001184954.....	324, 469	1001187605	361	1001189001	369
1001180885	328	1001184957.....	328, 471	1001187606	363	1001189002	369
1001181045	591, 593,	1001185030.....	15, 17	1001187781	223, 235	1001189003	609, 611,
725		1001185237.....	679	1001187808	99	613, 615, 669	
1001181145	729	1001185281.....	404	1001187855	75, 78	1001189004	607, 609,
1001181243	290	1001185596.....	41	1001187864	49, 51	611, 613, 615	
1001181325	101, 103,	1001185597.....	43	1001187866	51	1001189005	599, 609,
105, 107		1001185598.....	257	1001187870	49, 51	611, 613, 615	
1001181770	19	1001185709.....	81	1001187950	128, 136	1001189026	154, 164,
1001181771	415	1001185726.....	404, 725	1001187951	128, 129,	179, 191, 208	
1001181772	21	1001185842.....	75	136		1001189067	128
1001181773	417	1001185906.....	21	1001187953	85, 89	1001189111	613, 615,
1001181774	15	1001185907.....	21	81	655		
1001181775	17	1001185964.....	671	1001188166	57, 349	1001189119	91, 95
1001181778	728	1001186186.....	128	1001188167	59, 351	1001189161	154, 164,
1001181779	728	1001186333.....	387	1001188168	61, 353	208	
1001181787	19, 21	1001186334.....	397	1001188169	63, 355	1001189169	728
1001181790	19, 21	1001186346.....	99	1001188187	129, 136	1001189170	728
1001181791	19, 21	1001186375.....	377	1001188194	129, 136	1001189227	275, 279
1001181792	19, 21, 485	1001186377.....	381	1001188236	154, 165,	1001189228	95
485		1001186379.....	385	208, 617		1001189615	730
1001181793	19	1001186382.....	395	1001188237	179, 191,	1001189764	93
1001181795	41	1001186383.....	393	619		1001189800	93
1001181796	41	1001186384.....	383	1001188257	91	1001189859	333, 337
1001181797	35, 37, 39,	1001186386.....	379	1001188302	349, 351,	1001189913	179, 191
41, 43		1001186387.....	375	353, 355		1001189979	179, 191,
1001181895	191	1001186426.....	179, 191,	223, 235		223, 235	
1001181899	180, 192	223		1001188334	85, 87	1001190143	151, 161,
1001181923	567, 569,	1001186431.....	649	1001188336	89	175, 187, 205, 219, 231	
571, 573, 575, 577,		1001186432.....	649	1001188337	85	1001190159	717
579, 581, 583, 585,		1001186443.....	23	1001188340	25	1001190164	154, 164,
587, 589		1001186517.....	427	1001188342	496, 530	179, 191, 208	
		1001186541.....	333, 337	1001188343	504, 530	1001190169	57, 61, 65
				1001188503	21		

PART NUMBER INDEX

1001190194.....19, 21	1001192108 101, 103, 109	1001192695 510, 516, 522, 528	1001194217.....683
1001190286.....353, 355, 359	1001192264 115	1001192696 510, 516, 522, 528	1001194218.....703
1001190287.....349, 351, 357	1001192265 500, 530	1001192698 510, 516, 522, 528	1001194219.....681
1001190326.....59, 63, 69	1001192278 315	1001192699 510, 516, 522, 528	1001194220.....701
1001190335.....93	1001192279 303	1001192758 510, 516, 522, 528	1001194221.....677
1001190338.....128	1001192280 289	1001192759 510, 516, 522, 528	1001194222.....697
1001190441.....545	1001192281 115	1001192758 510, 516, 522, 528	1001194223.....691
1001190442.....179, 192	1001192282 119	1001192758 510, 516, 522, 528	1001194224.....711
1001190444.....171, 183, 629	1001192284 259	1001192758 510, 516, 522, 528	1001194225.....685
1001190476.....128	1001192285 261	1001192775 117	1001194226.....705
1001190484.....549	1001192400 179, 191	1001192776 113	1001194227.....679
1001190485.....553	1001192401 672	1001192841 128	1001194228.....699
1001190493.....537	1001192442 279	1001192842 128, 136	1001194229.....687
1001190495.....541	1001192443 275	1001192843 128, 136	1001194230.....707
1001190580.....339, 341, 345	1001192466 401	1001192909 609, 613, 645	1001194232.....695
1001190717.....730	1001192475 728	1001192910 324	1001194233.....713
1001190756.....128, 136	1001192482 729	1001192931 728	1001194234.....693
1001190761.....730	1001192483 311	1001192989 105, 613	1001194235.....693
1001190773.....535	1001192484 299	1001192990 103, 611	1001194236.....695, 699
1001190774.....563	1001192485 287	1001192991 324	1001194329.....517, 529
1001190775.....223, 235, 730	1001192486 307	1001193018 537, 539, 541, 543, 545, 547,	1001194330.....517, 529
1001190942.....179, 191, 223, 235	1001192487 295	549, 551, 553, 555, 557	1001194365.....557
1001190985.....369	1001192488 285	1001193049 179, 191	1001194888.....141
1001191008.....23, 25	1001192489 728	1001193167 285, 287, 290	1001194956.....573
1001191019.....728	1001192610 729	1001193168 131	1001194957.....585
1001191020.....361, 363	1001192641 510, 516, 522, 528	1001193169 133	1001194961.....577
1001191025.....179, 191	1001192651 510, 516, 522, 528	1001193207 567	1001194962.....589
1001191048.....333, 337	1001192655 510, 516, 522, 528	1001193208 579	1001195220.....729
1001191115.....105, 107, 111	1001192658 510, 516	1001193215 728	1001195221.....729
1001191126.....109, 111	1001192661 510, 516, 522, 528	1001193238 411	1001195222.....729
1001191156.....259	1001192663 510, 516, 522, 528	1001193239 413	1001195223.....729
1001191202.....333, 337	1001192667 510, 516, 522, 528	1001193247 510, 530	1001195224.....728
1001191205.....333, 337	1001192669 510, 516, 522, 528	1001193521 730	1001195225.....569, 571, 575
1001191210.....107, 615	1001192673 510, 516, 522, 528	1001193610 500	1001195226.....581, 583, 587
1001191211.....101, 609	1001192679 510, 516, 522, 528	1001193611 500	1001195227.....567
1001191271.....155, 165, 209	1001192681 510, 516, 522, 528	1001193610 500	1001195228.....579
1001191273.....151, 161, 205, 265	1001192682 510, 516, 522, 528	1001193611 500	1001195229.....577
1001191328.....609, 611, 653	1001192684 510, 516	1001193756 411	1001195235.....728
1001191384.....332, 336	1001192685 510, 516	1001193757 413	1001195236.....728
1001191385.....332, 336	1001192686 510, 516	1001193758 413	1001195237.....730
1001191394.....730	1001192687 510, 516	1001193759 522, 530	1001195238.....730
1001191395.....730	1001192688 510, 516, 522, 528	1001193760 128	1001195304.....731
1001191557.....121	1001192689 510, 516, 522, 528	1001193927 522, 528	1001195354.....731
1001191599.....197	1001192690 147, 157, 171, 184, 203, 510, 516, 522, 528	1001193928 522, 528	1001195355.....730
1001191610.....155, 165, 179, 191, 209, 223, 234, 275, 277, 279, 281	1001192693 510, 516, 522, 528	1001193929 522, 528	1001195357.....577
1001191708.....429	1001192694 510, 516, 522, 528	1001193930 522, 528	1001195382.....473
1001191856.....277	1001192697 510, 516, 522, 528	1001193932 523, 529	1001195454.....128, 131
1001192008.....281	1001192699 147, 157,	1001193933 523, 529	1001195455.....128, 133
1001192012.....99	1001192700 171, 184, 203, 510,	1001193944 123	1001195525.....567, 579
1001192027.....328	1001192701 516, 522, 528	1001194045 728	1001195535.....136
1001192052.....328	1001192702 510, 516,	1001194096 516, 530	1001195610.....732
1001192086.....113	1001192703 522, 528	1001194097 528, 530	1001195763.....259
1001192087.....117	1001192704 510, 516,	1001194110 728	1001195947.....407
1001192088.....119	1001192705 522, 528	1001194114 285, 287, 290, 293, 631	1001196078.....729
		1001194197 547	1001196079.....729
		1001194198 551	1001196080.....729
		1001194200 555	1001196081.....729
		1001194203 539	1001196082.....729
		1001194204 543	1001196083.....729
		1001194205 728	1001196084.....729
		1001194213 675	1001196086.....729
		1001194214 693	1001196088.....729
		1001194215 689	1001196222.....404, 649
		1001194216 709	1001196366.....569, 571, 575

PART NUMBER INDEX

1001196367	581, 583, 587	1001200910.....123	1001204725.....369	1001211752	139
1001196368	569, 571, 575, 581, 583, 587	1001201090.....579, 581, 583, 585, 587, 589	1001204902.....255	1001211760	139
1001196382	289, 296, 300, 304, 308, 312, 316, 320	1001201255.....511, 517, 523, 529	1001204939.....361, 363	1001211761	139
1001196390	19, 21	1001201325.....91	1001205016.....728	1001211762	136, 139
1001196398	147, 157, 171, 183, 203, 215, 227	1001201326.....95	1001205017.....728	1001211767	141
1001196458	123, 125	1001201342.....567, 569, 571, 573, 575, 577, 579, 581, 583, 585, 587, 589	1001205020.....728	1001211773	141
1001196634	184, 201	1001201351.....369	1001205021.....728	1001211774	136, 141
1001196635	671, 724	1001201511.....349, 351, 353, 355	1001205824.....511, 517, 523, 529	1001211794	239
1001197016	731	1001201843.....155, 165, 209, 275	1001205923.....609, 611, 613, 615, 643	1001212192	125
1001197017	431, 433, 435, 437	1001201844.....155, 165, 209	1001205957.....277	1001212223	315
1001197045	496, 500	1001202333.....139, 141	1001206082.....601, 609, 611, 613, 615	1001212333	136
1001197268	267	1001202531.....341	1001206311.....731	1001212415	724
1001197269	269	1001202587.....401, 403	1001206314.....128, 136	1001213251	91, 95
1001197386	267	1001202684.....729	1001206816.....713	1001213447	649
1001197388	267	1001202687.....369	1001206880.....128	1001213543	128
1001197389	267, 269	1001202688.....365, 367	1001206920.....365, 367	1001213744	128
1001197390	269	1001202749.....730	1001207004.....125	1001213810	239
1001197392	269	1001202936.....567, 569, 571, 573, 575, 577, 579, 581, 583, 585, 587, 589	1001207105.....411	1001213882	403
1001197408	714	1001203423.....511, 516, 523, 529	1001208017.....45, 47	1001214030	714
1001197725	155, 165, 179, 191, 209	1001203424.....511, 517, 523, 529	1001208874.....57, 59, 61, 63	1001214095	569, 571, 575, 581, 583, 587
1001198631	23, 25	1001203426.....522, 529	1001209016.....281	1001214096	569, 571, 575, 581, 583, 587
1001198884	728	1001203430.....511, 517, 523, 529	1001209282.....731	1001214149	511, 517, 523, 529
1001199035	441	1001203431.....147, 157, 171, 184, 203, 511,	1001209431.....17	1001214408	511, 517, 523, 529
1001199095	728	517, 523, 529	1001209664.....427	1001214463	732
1001199654	496, 500, 504	1001203432.....147, 157, 172, 184, 203, 215,	1001209948.....567, 569, 571, 573, 575, 577, 579, 581, 583, 585, 587, 589	1001214478	731
1001199655	496, 504	227, 511, 517, 523, 529	1001209949.....567, 569, 571, 573, 575, 577, 579, 581, 583, 585, 587, 589	1001214515	731
1001199656	496, 504	1001203433.....147, 158, 172, 184, 203, 511,	1001209951.....567, 569, 571, 573, 575, 577, 579, 581, 583, 585, 587, 589	1001214540	731
1001199657	496, 500	517, 523, 529	1001209952.....567, 569, 571, 573, 575, 577, 579, 581, 583, 585, 587, 589	1001214548	731
1001199658	496, 500	1001203628.....473	1001209953.....567, 569, 571, 573, 575, 577, 579, 581, 583, 585, 587, 589	1001214552	731
1001199659	504	1001203655.....387	1001209959	1001214559	731
1001199660	504	1001203656.....397	1001209964	1001214560	731
1001199661	496, 504	1001203719.....333, 337, 609, 611	1001209966	1001214561	731
1001199662	496, 500	1001203853.....500	1001209971	1001214562	731
1001199663	504	1001203854.....500	1001209975	1001214827	239
1001199881	567, 569, 571, 573, 575, 577, 579, 581, 583, 585, 587, 589	1001203859.....500	1001209981	1001214831	332, 336, 725
1001199883	91, 93, 95	1001203860.....500	1001210090.....731	1001215016	627
1001199933	91, 93, 95	1001203885.....154, 164, 179, 191, 208	1001210099.....731	1001215091	627
1001200128	729	1001204251.....133	1001210448.....239, 241	1001215218	223, 235, 627
1001200129	729	1001204303.....131	1001210762.....128	1001215219	215, 227
1001200130	729	1001204389.....511, 517	1001211042.....175, 187	1001215220	215, 227
1001200131	729	1001204529.....349, 351	1001211049.....565	1001215228	404
1001200132	729	1001204645.....511, 517, 523, 529	10012111577.....361, 363, 725	1001215321	487, 489
1001200133	729	1001204690.....567, 569, 571, 573, 575, 577, 579, 581, 583, 585, 587, 589	10012111578.....361, 725	1001215384	239
1001200134	729	1001204715.....361, 363	1001211579.....363, 725	1001215534	627
1001200279	731		1001211580.....361, 363	1001215608	215
1001200432	496, 504		1001211581.....361, 363	1001215609	227
1001200433	504		1001211582.....361, 363	1001215610	215, 219
1001200435	154, 164, 208		1001211583.....361	1001215611	227, 231
1001200491	369		1001211584.....363	1001215612	219, 222
1001200494	369		1001211585.....361, 363, 567	1001215613	231, 234
1001200731	147, 157, 171, 183, 203		1001211586.....361	1001215615	675, 677, 679, 681, 683, 685, 687, 689, 691, 693, 695, 697, 699, 701, 703, 705, 707, 709, 711
1001200745	179, 191		1001211587.....363	1001215681	223, 235
1001200791	154, 165, 209		1001211588.....361, 363	1001215899	223, 235
				1001215974	223, 235
				1001216015	290

PART NUMBER INDEX

1001216059.....675, 677,	1001218471 223, 235	1001223923 223, 235	1001229111.....445
679, 681, 683, 685,	1001218539 93, 143	1001223971 685, 705	1001229112.....443
687, 689, 691	1001218559 223, 235	1001224048 689, 709	1001229118.....443
1001216060.....693, 695,	1001218565 223, 235	1001224049 691, 711	1001229572.....93
697, 699, 701, 703,	1001218575 223, 235	1001224050 683, 703	1001229637.....567, 569,
705, 707, 709, 711	1001218594 467	1001224051 681, 701	571, 573, 575, 577,
1001216065.....239	1001218676 93, 143	1001224052 677, 697	579, 581, 583, 585,
1001216071.....239	1001218930 320	1001224053 687, 707	587, 589
1001216075.....223, 235	1001219005 215, 227	1001224200 251	1001230635.....179, 191
1001216086.....223, 235	1001219015 215, 227	1001224431 224	1001230931.....599, 653,
1001216092.....223, 235	1001219021 215, 227	1001224432 224	655
1001216144.....239	1001219022 215, 227	1001224486 224, 236	1001231235.....731
1001216195.....47	1001219024 215, 227	1001224489 224, 236	1001231310.....128
1001216196.....47	1001219040 15, 467	1001224967 251, 253,	1001231422.....695
1001216201.....223, 235	1001219128 143	255	1001231801.....713
1001216212.....627	1001219138 136	1001225054 253	1001231805.....179, 191
1001216213.....627	1001219601 101, 103,	1001225442 224, 236	1001231846.....609, 611,
1001216300.....283	105, 107, 724	1001225510 224, 236	613, 615
1001216390.....320	1001219630 293	1001226098 195	1001231949.....463
1001216391.....293	1001219632 293	1001226304 589	1001231950.....459, 461
1001216392.....263	1001219852 319	1001226400 603, 605	1001231956.....339, 341,
1001216393.....236	1001219853 293	1001226872 373	481
1001216531.....224, 235	1001219854 731	1001227059 179, 191	1001231963.....481, 483
1001216532.....219, 231	1001219855 728	1001227075 589	1001232010.....459, 461,
1001216533.....219, 231	1001220390 729	1001227367 131, 133	463
1001216534.....219, 231	1001220404 283	1001227404 728	1001232011.....459, 461,
1001216535.....219, 231	1001220638 143	1001227527 609, 611,	463
1001216619.....283	1001220728 293	613, 615	1001232117.....469
1001216630.....365, 367,	1001220903 511, 517,	1001227666 224, 236	1001232292.....23, 25
369	523, 529	1001227667 224, 236	1001232519.....729
1001216734.....709	1001220912 511, 517,	1001227769 239	1001232520.....729
1001216735.....709	523, 529	1001227772 239	1001232574.....729
1001216736.....703	1001220941 511, 517	1001227792 361, 363	1001232732.....728
1001216737.....703	1001221016 523, 529	1001227887 128	1001232733.....729
1001216739.....681	1001221210 627	1001227888 136	1001232842.....184, 201
1001216740.....681	1001221397 219, 231	1001228012 477	1001233035.....731
1001216741.....701	1001221464 219, 231	1001228013 339, 483	1001233047.....728
1001216742.....701	1001221545 239	1001228079 333, 337,	1001233237.....728
1001216745.....697	1001221942 215, 227	489	1001233429.....267
1001216746.....697	1001221943 216, 228	1001228177 324, 328	1001233763.....184, 201
1001216747.....711	1001221944 216, 228	1001228186 573	1001233895.....179, 191,
1001216748.....711	1001222033 223, 235	1001228187 585	623
1001216749.....705	1001222133 215, 227	1001228188 573, 585	1001233948.....271
1001216750.....705	1001222522 523, 529	1001228215 373	1001233949.....271
1001216751.....707	1001222641 239	1001228226 510, 516,	1001233953.....271
1001216752.....707	1001223042 223, 235	522, 528	1001233954.....271
1001216768.....239	1001223045 629	1001228363 731	1001233955.....271
1001216769.....239	1001223055 675, 693	1001228370 675, 685,	1001233966.....271
1001216910.....223, 235,	1001223254 180, 192	693, 705	1001233967.....271
239	1001223255 180, 192	1001228376 389	1001234080.....271
1001216919.....223, 235	1001223256 180, 192	1001228377 391	1001234099.....728
1001216947.....219, 231	1001223257 180, 192	1001228406 ... 91, 93, 95,	1001234269.....271
1001217055.....731	1001223453 675, 685,	251, 253, 255	1001234270.....271
1001217183.....223, 235	693, 705	1001228580 732	1001234281.....269
1001217185.....223, 235	1001223584 224, 236	1001228809 567, 579	1001234283.....269
1001217186.....223, 235	1001223665 35	1001228947 728	1001234299.....269
1001217439.....263	1001223666 35	1001228988 447, 449,	1001234370.....267
1001217450.....223, 235	1001223667 35	451	1001234371.....267
1001217453.....223, 235	1001223668 37	1001229019 457	1001234396.....155, 165,
1001217543.....223, 235	1001223669 37	1001229020 441	209
1001217563.....219, 231	1001223670 37	1001229021 445	1001235457.....208, 211
1001217593.....223, 235	1001223671 45	1001229022 443	1001235469.....203
1001217594.....223, 235	1001223672 45	1001229082 441	1001235470.....203, 205
1001217595.....223, 235	1001223726 35, 37, 39	1001229090 457	1001235471.....205, 208
1001217647.....223, 235	1001223751 39	1001229091 179, 191	1001235513.....367
1001217648.....223, 235	1001223752 39	1001229107 728	1001235532.....172, 184
1001218037.....473	1001223753 39	1001229108 445	

PART NUMBER INDEX

1001235699 148, 158, 203	1320070 155, 165, 209	1702943 157, 183, 228	697, 699, 701, 703, 705, 707, 709, 711
1001235884 728	1320110 222, 234	1702961 713	1704578 717, 719
1001236121 273	1320127 257	1702962 713	1704885 ... 675, 677, 681, 683, 685, 687, 689, 691, 693, 695, 697, 701, 703, 705, 707, 709, 711
1001236136 216, 228	1320176 168, 212, 259	1703162 ... 154, 164, 178, 190, 208, 222, 234	1704972 714
1001236263 261	1320202 180, 192	1703479 713	1705014 387, 397
1001236499 155, 165	1320218 257	1703683 455	1705090 717
1001236746 463	1320302 ... 447, 449, 451	1703797 675, 693	1705305 447, 449, 451
1001236747 459	1321283 215, 227	1703804 675, 693	1705325 537, 539
1001236891 459, 461, 463	1321384 131, 133	1703805 675, 693	1705336 675, 693
1001236895 459, 461, 463	1380147 273	1703811 ... 675, 677, 679, 681, 683, 685, 687, 689, 691, 693, 695, 697, 699, 701, 703, 705, 707, 709, 711	1705344 687, 707
1001237015 729	1580012 399	1703814 ... 675, 677, 679, 681, 683, 685, 687, 689, 691, 693, 695, 697, 699, 701, 703, 705, 707, 709, 711	1705345 689, 709
1001237550 271	1580013 731	1703923 691, 711	1705347 685, 705
1001237882 730	1670603 557	1703924 685, 705	1705349 677, 697
1001237883 730	1670829 109, 111, 403	1703925 683, 703	1705351 675, 693
1001238263 459, 461, 463	1671092 ... 312, 316, 320, 573, 577, 585, 589	1703926 687, 707	1705355 447, 449
1001238463 461	1683053 475, 481	1703927 689, 709	1705358 441, 443, 445
1001238895 729	1683057 487	1703928 677, 697	1705364 39
1001238898 732	1683609 339, 341, 475	1703935 691, 711	1705374 ... 299, 303, 559, 561
1001238902 732	1684089 475, 481	1703936 685, 705	1705375 ... 313, 317, 320, 449, 451
1001238903 731	1684090 475, 481	1703937 681, 701	1705387 ... 299, 303, 313, 317, 320
1001238904 732	1684290 467	1703938 687, 707	1705426 687, 707
1001238906 731	1700818 713	1703939 689, 709	1705427 689, 709
1001238907 732	1701499 ... 675, 677, 679, 681, 683, 685, 687, 689, 691, 693, 695, 697, 699, 701, 703, 705, 707, 709, 711	1703940 677, 697, 699	1705429 685, 705
1001238927 730	1701505 ... 147, 157, 171, 183, 203, 713	1703941 691, 711	1705430 681, 701
1001238928 730	1701509 ... 441, 443, 445, 675, 677, 679, 681, 683, 685, 687, 689, 691, 693, 695, 697, 699, 701, 703, 705, 707, 709, 711	1703942 685, 705	1705460 ... 308, 313, 317, 320
1001238929 730	1701518 679, 695, 699	1703943 683, 703	1705461 308
1001238930 730	1701529 ... 675, 677, 679, 681, 683, 685, 687, 689, 697, 699, 701, 703, 705, 707, 709, 711	1703944 687, 707	1705489 295, 308
1001238957 729	1701540 ... 147, 157, 171, 183, 203, 713	1703945 689, 709	1705514 ... 675, 685, 693, 705
1001238960 729	1701541 ... 441, 443, 445, 675, 677, 679, 681, 683, 685, 687, 689, 691, 693, 695, 697, 699, 701, 703, 705, 707, 709, 711	1703946 677, 697	1705515 714
1001238961 729	1701542 ... 215, 227, 713	1703947 691, 711	1705820 719
1001239563 265	1701543 ... 216, 228, 713	1703948 685, 705	1705822 679, 695, 699
1001239710 277	1701643 45	1703949 683, 703	1705828 679, 695, 699
1001239715 277	1702565 403	1703950 687, 707	1705910 691, 711
1001239716 285, 287	1702566 403	1703951 689, 709	1705917 691, 711
1001241729 271	1702567 403	1703952 677, 697	1705921 679, 695, 699
1001243895 201	1702720 713	1703953 675, 693	1705961 679, 695
1001248012 479	1702773 ... 387, 397, 713	1703980 687, 707	1705968 681, 701, 713
1001251079 333, 337, 491	1702774 713	1703981 689, 709	1705969 689, 709, 713
1060341 ... 431, 433, 435, 437	1702788 713	1703982 683, 703	1706059 714
1060343 ... 312, 316, 320	1702815 ... 675, 677, 679, 681, 683, 685, 687, 689, 691, 693, 695, 697, 699, 701, 703, 705, 707, 709, 711	1703983 691, 711	1706060 714
1060379 455, 457	1702817 ... 693, 695, 697, 699, 701, 703, 705, 707, 709, 711	1703984 685, 705	1706061 714
1060584 53	1702861 713	1703985 677, 697	1706062 714
1060626 ... 157, 183, 228	1702868 ... 449, 451, 675, 693, 713	1704000 ... 685, 705, 713	1706063 714
1060903 ... 431, 433, 435, 437	1702938 ... 431, 433, 435, 437	1704001 ... 691, 711, 713	1706064 714
1060908 ... 591, 593, 595, 597	1702941 157, 183, 228	1704002 ... 677, 697, 713	1706098 714
1060918 425	1702942 157, 183, 228	1704174 713	1706385 387, 397
10702077 . 308, 312, 316, 320	1702943 157, 183, 228	1704175 713	1706957 721
10702082 . 308, 312, 316, 320	1704260 403	1704271 713	1706960 721
1120552 39	1704272 719	1704272 719	2030010 ... 447, 449, 451
1120555 441, 443, 445	1704277 ... 675, 677, 679, 681, 683, 685, 687, 689, 691, 693, 695, 697, 699, 701, 703, 705, 707, 709, 711	1704277 ... 675, 677, 679, 681, 683, 685, 687, 689, 691, 693, 695, 697, 699, 701, 703, 705, 707, 709, 711	2060025 154, 164, 208
1260017 83	1704412....675, 677, 679, 681, 683, 685, 687, 689, 691, 693, 695, 697, 699, 701, 703, 705, 707, 709, 711	1704412....675, 677, 679, 681, 683, 685, 687, 689, 691, 693, 695, 697, 699, 701, 703, 705, 707, 709, 711	2080040 ... 375, 379, 383, 389, 393
1320041 ... 535, 563, 565, 609, 611	1704412....675, 677, 679, 681, 683, 685, 687, 689, 691, 693, 695, 697, 699, 701, 703, 705, 707, 709, 711	1704412....675, 677, 679, 681, 683, 685, 687, 689, 691, 693, 695, 697, 699, 701, 703, 705, 707, 709, 711	2080044 ... 579, 581, 583, 585, 587, 589
1320043 609, 611	1704412....675, 677, 679, 681, 683, 685, 687, 689, 691, 693, 695, 697, 699, 701, 703, 705, 707, 709, 711	1704412....675, 677, 679, 681, 683, 685, 687, 689, 691, 693, 695, 697, 699, 701, 703, 705, 707, 709, 711	2110810 496, 500, 504
1320061 ... 147, 157, 171, 183, 228, 296, 300, 304, 308, 312, 316	1704412....675, 677, 679, 681, 683, 685, 687, 689, 691, 693, 695, 697, 699, 701, 703, 705, 707, 709, 711	1704412....675, 677, 679, 681, 683, 685, 687, 689, 691, 693, 695, 697, 699, 701, 703, 705, 707, 709, 711	2110812 496, 500, 500
13201216 496, 500, 504	1704412....675, 677, 679, 681, 683, 685, 687, 689, 691, 693, 695, 697, 699, 701, 703, 705, 707, 709, 711	1704412....675, 677, 679, 681, 683, 685, 687, 689, 691, 693, 695, 697, 699, 701, 703, 705, 707, 709, 711	2111216 496, 500, 504

PART NUMBER INDEX

- 2111616....510, 516, 522,
 528
 2131216....496, 500, 504
 2131616....151, 161, 175,
 187, 205, 219, 231
 2150808....496, 500, 504
 2150812....496, 500, 504
 2180125.....257
 2180348....147, 157, 203,
 215, 227
 2180387.....257
 2180388.....257
 2180389.....257
 2180418....215, 223, 227,
 235, 257
 2180467.....222, 234
 2180832.....171, 184
 2220005.....215, 227
 2220064....215, 223, 227,
 235
 2220124.....81
 2220238....511, 517, 523,
 529
 2220261....223, 235, 257
 2220313....148, 158, 171,
 184, 203
 2220315....154, 164, 208
 2220366....510, 516, 522,
 528
 2220371....496, 500, 504,
 510, 516, 522, 528
 2220372....496, 500, 504,
 511, 516, 522, 528
 2220373....496, 500, 510,
 516, 522, 528
 2220375....510, 516, 523,
 528
 2220380....511, 517, 523,
 529
 2220408....151, 161, 175,
 187, 205, 219, 231
 2220415....496, 500, 504,
 510, 516, 522, 528
 2220418.....257
 2220451....151, 155, 161,
 165, 175, 187, 205,
 209, 219, 231, 510,
 517, 523, 529
 2220466....510, 516, 522,
 528
 2220468....496, 500, 504,
 510, 516, 522, 528
 2220472....496, 500, 522,
 528
 2220473....510, 517, 523,
 529
 2220479....151, 161, 175,
 187, 205, 219, 231
 2220500....496, 500, 504
 2220501....496, 500, 504
 2220502....496, 500, 504,
 511, 517, 523, 529
 2220582....496, 500, 510,
 516, 522, 528
 2220596....496, 500, 504
 2220602....496, 500, 504
- 2220603 ... 510, 516, 522,
 528
 2220606 ... 511, 517, 523,
 529
 2220618 ... 510, 516, 522,
 528
 2220628 ... 496, 500, 504
 2220637 ... 511, 517, 523,
 529
 2220726 ... 511, 517, 523,
 529
 2220733 ... 511, 517, 523,
 529
 2220738 ... 510, 516, 522,
 528
 2220775 ... 511, 517, 523,
 529
 2220811 ... 496, 500, 504
 2220852 ... 510, 516, 522,
 528
 2220865 ... 510, 516, 522,
 528
 2220883 ... 31, 33, 73, 467,
 469, 471, 475, 477,
 479, 481, 483
 2220885 33, 475, 477,
 479, 481, 483, 487, 489
 2220886 31, 33
 2220906 ... 510, 516, 522,
 528
 2220940 ... 151, 161, 175,
 187, 205, 219, 231
 2220946 ... 151, 161, 175,
 187, 205, 219, 231
 2220947 ... 151, 161, 175,
 187, 205, 219, 231,
 510, 516, 522, 528
 2220999 ... 510, 516, 522,
 528
 2221024 257
 2221040 ... 496, 500, 504
 2221048 522, 528
 2221086 ... 33, 510, 516,
 522, 528
 2221176 ... 147, 148, 157,
 158, 203, 215, 227
 2221197 257
 2221344 504
 2300004 ... 179, 223, 730
 2300014 730
 2300016 730
 2300019 730
 2300027 730
 2300029 730
 2300039 730
 2300041 ... 190, 235, 730
 2400060 ... 184, 201, 631,
 639
 2400064 639, 725
 2410014 387, 397
 2420203 ... 287, 289, 293
 2460048 307, 311
 2460051 293
 2460055 287
 2540020 ... 121, 123, 125
 2560136 403
- 2560187 ... 131, 133, 139,
 141
 2580024 157, 183, 228
 2580062 164
 2600066 617
 2600281 ... 375, 379, 383,
 389, 393
 2720015 179, 191
 2720058 ... 147, 157, 158,
 203, 222, 234, 251, 253
 2720144 257
 2720398 ... 155, 165, 209
 2720551 222
 2780269 23, 25, 27
 2820001 697
 2820019 635
 2820031 ... 285, 287, 289,
 293, 295, 299, 303,
 307, 311, 315, 319
 2820035 201
 2840016 273
 2860030 ... 113, 115, 117,
 119, 724
 2900756 33
 2900792 ... 469, 471, 475,
 477, 479, 481, 483
 2901303 ... 475, 481, 483
 2902065 ... 155, 165, 178,
 190, 209, 245
 2902203 713
 2902212 ... 441, 443, 445
 2902217 447, 449
 2902232 731
 2902266 467
 2902443 ... 617, 619, 623
 2902549 563, 591
 2915096 732
 2920028 ... 403, 431, 433,
 435, 437, 439
 2920029 ... 403, 431, 433,
 435, 437, 439
 2920161 121
 2940045 139
 2940074 ... 375, 379, 383,
 389, 393, 725
 2940173 ... 131, 133, 139,
 141
 3020008 23, 25
 3020016 ... 155, 209, 730
 3020021 245, 730
 3020044 164, 730
 3160350 23, 25, 31
 3220104 261
 3251102 ... 285, 287, 289,
 293, 295, 299, 303
 3251242 ... 543, 547, 551,
 555, 557
 3251243 ... 287, 289, 293,
 299, 303, 313, 317,
 320, 675, 677, 681,
 683, 685, 687, 691,
 693, 697, 701, 703,
 705, 707, 711
 3252347 675, 693
 3252507 ... 285, 541, 545,
 549, 553
- 3252764....307, 311, 315,
 319
 3271605....459, 461, 463
 3271805.....387, 397
 3272001....459, 461, 463
 3280001.....693
 3290301.....273
 3290405....215, 227, 257,
 537, 539, 541, 543,
 545, 547, 549, 551,
 553, 555, 557, 563, 565
 3290501.....171, 183
 3290505....121, 123, 125,
 171, 183, 215, 227,
 255, 285, 299, 303,
 307, 311, 315, 319
 3290601....131, 133, 139,
 141, 222, 234, 239
 3290605....99, 101, 103,
 105, 107, 128, 139,
 151, 154, 161, 164,
 175, 178, 187, 190,
 205, 208, 215, 219,
 222, 227, 231, 234,
 267, 269, 295, 401,
 535, 537, 541, 545,
 549, 553, 563, 565,
 609, 611, 613, 615,
 675, 677, 679, 681,
 683, 685, 687, 689,
 691, 693, 695, 697,
 699, 701, 703, 705,
 707, 709, 711
 3290606....377, 381, 385,
 391, 395
 3290801.....222, 234
 3290805....99, 131, 133,
 139, 141, 154, 164,
 178, 190, 208, 215,
 222, 227, 234, 257,
 285, 287, 289, 299,
 303, 307, 311, 315,
 319, 347, 349, 351,
 353, 355, 361, 363,
 567, 569, 571, 573,
 575, 577, 579, 581,
 583, 585, 587, 589,
 609, 611
 3290806.....369
 329100191, 95, 178, 190,
 222, 234, 332, 336, 369
 3291005..91, 93, 95, 123,
 125, 128, 131, 133,
 136, 141, 147, 154,
 157, 164, 171, 179,
 183, 191, 203, 208,
 215, 222, 227, 234,
 251, 253, 255, 275,
 277, 279, 281, 324,
 328, 339, 341, 347,
 369, 401
 3291007....285, 287, 289,
 293
 3291201....289, 295, 299,
 303, 307, 312, 315,
 319, 369

PART NUMBER INDEX

3291205 ... 17, 85, 89, 91, 93, 95, 128, 129, 136, 273, 367, 369, 567, 569, 571, 573, 575, 577, 579, 581, 583, 585, 587, 589	3460334 441, 443, 445	384114319, 21, 147, 157, 171, 183, 203, 215, 227, 324, 332, 336, 339, 341, 369	4070939 332, 336
3291601 75, 332, 336	3470003 404	3841203 328	4070940 332, 336
3291605 324, 328	3480205 487	3841258 15, 17	4092009 332, 336
3292001 85, 89, 332, 336	3480210 475, 481	3841287 324, 328	4100100 475, 481
3292201 332, 336	3520028 289, 293	3841340....567, 569, 571, 573, 575, 577	4160149 332, 336
3300106 23, 25	3520034 ... 579, 581, 583, 585, 587, 589	3900054 387, 397	4240018 ... 257, 496, 500, 504, 559, 561, 567, 569, 571, 573, 575, 577, 579, 581, 583, 585, 587, 589
3300151 ... 373, 377, 381, 385, 389, 391, 395, 447, 449, 451	3520054 ... 154, 164, 178, 190, 208, 403	3900267 300, 304	4240033 ... 361, 363, 427, 496, 500, 504
3300243 365, 367, 369	3520071 441, 443, 445	3900283 365, 367	4240099 ... 121, 147, 157, 171, 180, 183, 184, 192, 201, 203, 216, 228, 431, 433, 435, 437, 439, 447, 449, 567, 569, 571, 573, 575, 577, 609, 611, 613, 615
3300353 403	3520072 ... 373, 375, 377, 379, 381, 383, 385, 387, 389, 391, 393, 395, 397	3900300 300, 304	4240149 441, 443, 445
3300356 439	3520182 429	3900349 404	4280295 91, 95
3300396 ... 300, 304, 308, 312, 316, 320	3520189 308	3900357 154, 164, 208	4280296 49, 51
3300408 109, 111	3520192 308	3900363 139, 141	4360057 ... 431, 433, 435, 437, 725
3300430 427, 429	3520198 ... 373, 375, 377, 379, 381, 383, 385, 389, 391, 393, 395	3900364....128, 222, 234	4360070 ... 300, 304, 308, 312, 316, 320, 725
3311001 ... 287, 289, 300, 304, 308, 312, 316, 320	3539622 332, 336	3910606....299, 303, 312, 315, 319, 559, 561	4360331 415, 417, 725
3311005 ... 293, 403, 447, 449, 451	3572009 53	3910610.....535	4360336 ... 285, 287, 289, 293, 295, 299, 303, 308, 312, 315, 319, 725
3311401 ... 431, 433, 435, 437	3572010 53	3910804....113, 115, 117, 119	4360387 ... 115, 119, 403, 431, 433, 435, 437, 439, 724
3311405 ... 539, 543, 547, 551, 555, 557	3572011 53	3911018....109, 111, 403	4360407 403, 724
3311501 ... 128, 431, 433, 435, 437	3572012 53	3931408.....427	4360469 ... 113, 115, 117, 119, 724
3311505 455, 457	3573400 447, 449, 451	3931424.....427	4360475 ... 109, 111, 403, 724
3311601 128, 136, 404	3573642 447, 449, 451	3931464.....487, 489	4360477 439, 725
3311605 ... 387, 397, 439, 447, 449, 451	3574091 435, 437	3931508.....487, 489	4360517 87, 89
3311805 365, 369	3575359 431, 433	3931512.....178, 190	4360542 287, 289, 293
332002 ... 459, 461, 463	3577121 447, 449, 451	3931516.....475, 481	4400275 257
332005 441, 443, 445	3580134 285	3931618....151, 161, 175, 187, 205, 219, 231	4420014 441, 443, 445
3322005 441, 443, 445	3580158 285, 287	3931620....151, 161, 175, 187, 219, 231, 487, 489	4420037 447, 449, 451
3331211 ... 154, 164, 178, 190, 208, 222, 234, 275, 277, 279, 281	3580243 332, 336	3931628.....178, 190	4420051 53, 679, 681, 683, 695, 699, 701, 703
3331611 ... 154, 164, 178, 190, 208	3580248 332, 336	3931648.....222, 234	4420060 285
3340787 347	3580249 332, 336	3960158.....487, 489	4420062 455, 457
3340956 ... 441, 443, 445	3580276 287, 289	3960361.....487, 489	4420066 441, 443, 445
3380434 401	3580314 319	3960389.....271	4420068 ... 431, 433, 435, 437
3420372 53	3580317 ... 295, 299, 303, 308, 312, 315, 319	3960407....154, 164, 208	4420071 ... 299, 303, 312, 315, 319, 559, 561
3420447 53	3580318 ... 299, 303, 312, 315	3960422....299, 303, 312, 315, 319, 535, 559, 561	4420073 23, 25
3421565 53, 83	3580319 295, 308	3960464.....271	4420077 157, 183, 228
3421627 83	3580320 ... 178, 190, 295, 299, 308, 312	3960469....151, 161, 175, 187, 205, 219, 231	4420079 361, 363
3422351 19, 21	3580324 293	3960526.....23, 25	4420081 361, 363
3422417 332, 336	3641569 431, 433	3980007....157, 183, 228	4420083 222, 234
3422424 332, 336	3740067 99, 154, 164, 208, 724	4010303.....361, 363	4420085 273
3422532 ... 151, 161, 175, 187, 205, 219, 231	3740080 631, 725	4010308.....273	4420087 563, 565
3422582 324	3760132 487, 489	4010405.....121, 123, 125	4420089 121, 123, 125
3422661 455, 457	3760170 53, 83	4010618....377, 381, 385, 391, 395	4420091 377, 381, 385, 391, 395
3422793 328	3760356 487, 489	4031608.....285	4420093 201, 619, 623, 639, 672
3422841 53	3760368 475, 481	4031711.....222, 234	4460019 623
3422847 53	3760369 487	4031914.....178, 190	4460027 287, 289, 293
3422848 21	3790012 ... 215, 227, 339, 341, 403, 407, 409, 411, 413, 415, 417	4032014....178, 190, 332, 336	4460042 ... 617, 620, 624, 627, 672
3422860 339, 341	3820001 ... 675, 677, 679, 681, 683, 685, 687, 689, 691, 695, 699, 701, 703, 705, 707, 709, 711	4032015....295, 299, 308, 312	4460043 ... 639, 672
3422867 339, 341	3820020 ... 375, 379, 383, 389, 393	4032020.....332, 336	4460049 431, 435, 437
3430616 404	3820028 285, 287, 289, 293, 295, 299, 303, 308, 312, 315, 319	4060802....285, 287, 289, 293, 295, 299, 303, 308, 312, 315, 319	4460071 ... 315, 319, 425, 535
3430820 273	384114319, 21, 147, 157, 171, 183, 203, 215, 227, 324, 332, 336, 339, 341, 369	4060805.....337	4460134 637
3450404 273	3841203 328	4060806.....109, 111	4460142 617
	3841258 15, 17	4070895.....332, 336	4460183 649, 672
	3841287 324, 328	4070896.....332, 336	4460190 287, 289, 293
	3841340....567, 569, 571, 573, 575, 577		4460205 535, 637

PART NUMBER INDEX

4460224.....403	4460708.....649	4461008 617, 620, 624	4751500.....53, 289, 431,
4460225....633, 635, 641, 649	4460722.....201	4461052 617	433, 435, 437, 455, 457
4460226....403, 419, 422, 425, 641, 649, 672	4460742.....639	4461053 617	4751600....439, 447, 449,
4460227.....87, 89, 649	4460743.....639	4461054 617, 629	451
4460234....403, 431, 433, 435, 437	4460748.....671	4461060 617	4751800....387, 397, 431,
4460247.....672	4460761.....649	4461070 ... 617, 619, 623, 667	433, 435, 437
4460259.....649, 672	4460807 633, 635	4461071 619, 623	4761400.....399
4460260.....649, 672	4460836 653, 655, 671	4461073 617, 619, 623	4811400....273, 537, 539,
4460265.....419, 422	4460837 653, 655, 672	4461095 ... 617, 619, 623, 667	541, 543, 545, 547, 549, 551, 553, 555, 557
4460267.....649	4460865 601, 603, 605	4461196 657	4811600....121, 123, 125,
4460268.....633, 635	4460866 601, 649, 671	4461198 657	171, 183, 255, 285
4460312.....617, 672	4460871 ... 641, 645, 647, 649, 671	4461199 659	4811602....299, 303, 308,
4460313....617, 619, 623, 645, 647	4460872 645, 647	4461201 659	312, 315, 319
4460315.....535	4460873 649, 671	4461205 661, 663	4811700.....99, 101, 103,
4460320.....87, 89	4460874 649, 671	4461244 661	105, 107, 123, 125,
4460346....299, 303, 312, 315, 319, 535	4460875 645, 647	4461245 663	139, 141, 147, 151,
4460418.....641, 649	4460876 641, 649	4461246 665	154, 157, 161, 164,
4460419.....641, 649	4460878 671	4461249 665	171, 175, 178, 183,
4460424.....672	4460879 649	4461271 671	187, 190, 203, 205,
4460425....300, 304, 308, 312, 316, 320, 431, 433, 435, 437, 559, 561	4460884 ... 619, 623, 645, 647, 649, 672	4520256 45, 47	208, 215, 219, 222,
4460426....300, 304, 308, 312, 316, 320	4460887 649, 671	4520288 35, 39, 41	227, 231, 234, 239,
4460428.....403	4460891 ... 121, 123, 125, 619, 623, 643, 645, 647, 653, 655, 667, 672	4530028 447, 449, 453	285, 287, 289, 293,
4460434.....649	4460894 ... 607, 617, 619, 623, 627, 671	4568133 53	295, 299, 303, 308,
4460458.....639, 671	4460897 ... 123, 125, 439, 671	4640261 53	312, 315, 319, 324,
4460464....123, 125, 425, 439, 599, 601, 631, 643, 645, 647, 649, 667, 669, 671, 672	4460899 ... 645, 647, 669, 671	4640464 607	328, 377, 381, 385,
4460465....121, 123, 125, 300, 601, 603, 605, 607, 617, 619, 623, 627, 633, 635, 639, 643, 645, 647, 649, 653, 655, 667, 669, 671, 672	4460905 ... 641, 645, 647, 649, 671	4640509 ... 475, 477, 479, 481, 483	391, 395, 535, 537,
4460466....601, 603, 605, 617, 619, 623, 627, 631, 645, 647, 649, 653, 655, 667, 671, 672	4460906 631	4640858 467	541, 545, 549, 553,
4460467.....732	4460911 645, 647	4640932 471	563, 565, 579, 581,
4460470....403, 609, 611, 613, 615	4460925 649	4640999 469, 471	583, 585, 587, 589,
4460471....403, 609, 611, 613, 615	4460926 653, 655	4641122 ... 35, 37, 39, 41, 43, 45, 47	609, 611, 613, 615,
4460473....601, 603, 605	4460928 655, 667	4641390 473	675, 677, 679, 681,
4460496....403, 609, 611, 613, 615	4460930 ... 617, 619, 623	4711000 ... 300, 304, 308, 312, 316, 320	683, 685, 687, 689,
4460497....403, 609, 611, 613, 615	4460931 672	4711400 ... 373, 377, 381, 385, 389, 391, 395,	691, 693, 695, 697,
4460508.....601, 671	4460932 ... 599, 629, 643, 672	427, 429, 439, 539, 543, 547, 551, 555, 557	699, 701, 703, 705,
4460509....601, 603, 605	4460933 ... 649, 650, 653, 655, 667, 671	4711500 178, 190	707, 709, 711
4460510.....732	4460941 629	4711600 . 91, 93, 95, 290, 365, 367, 404, 459,	4811702....131, 133, 151,
4460518.....655, 667	4460942 619, 623	461, 463	161, 175, 187, 205,
4460536.....607, 669	4460943 ... 617, 619, 623, 649, 671	4711800 387, 397	219, 231, 239, 267,
4460539....607, 645, 647, 669	4460944 ... 617, 619, 623, 649, 671	4712000 ... 441, 443, 445, 459, 461, 463	269, 401
4460662....439, 545, 547, 549, 551, 553, 555, 557	4460956 591, 593	4712200 ... 441, 443, 445	4811900....139, 141, 154,
4460703.....619, 623	4460957 591, 593	4740036 53	164, 178, 190, 208,
	4460958 561	4740111 19, 21	215, 222, 227, 234,
	4460959 ... 573, 577, 585, 589	4740155 21	239, 285, 287, 289,
	4460960 ... 573, 577, 585, 589	4740158 15, 17	299, 303, 308, 312,
	4460962 449	4740362 401	315, 319, 347, 349,
	4460963 ... 312, 316, 320	4740393 23, 25	351, 353, 355, 361,
	4460967 ... 300, 639, 672	4740397 ... 109, 111, 215, 227, 339, 341, 403,	363, 369, 567, 569,
	4460968 ... 285, 537, 539, 541, 543	409, 413	571, 573, 575, 577,
	4460970 649	4740439 339, 341	579, 581, 583, 585,
	4461005 617	4751000 ... 53, 91, 93, 95, 287, 289, 293, 447,	587, 589, 609, 611
	4461006 617	449, 451	4811902.....99, 128, 131,

PART NUMBER INDEX

369, 401, 567, 569, 571, 573, 575, 577, 579, 581, 583, 585, 587, 589	5250808	271	70001871	167, 211
4812002.. 91, 93, 95, 128, 131, 133, 136, 147, 157, 171, 183, 203, 215, 227, 283	525081049, 51, 131, 133, 178, 190, 349, 351, 353, 355	168, 212	70001872	168, 212
4812100 ... 85, 89, 91, 93, 95, 128, 129, 136, 147, 157, 171, 184, 203, 239, 273, 293, 369, 567, 569, 571, 573, 575, 577, 579, 581, 583, 585, 587, 589	5250812 128, 361, 363	307, 311, 316, 319, 320	70001953... 307, 311, 320	359
481230023, 25, 154, 164, 178, 190, 208	5251008 361, 363, 369	320	70001966.. 295, 299, 303, 307, 311, 316, 319, 320	359
4812500	5251009 ... 57, 59, 61, 63, 99	320	70001973.. 307, 311, 316, 320	359
4844816	5251012 . 23, 25, 93, 147, 157, 171, 180, 183, 192, 203, 296, 300, 304, 308, 312, 316	320	70001974.. 307, 311, 316, 320	469
4845582	5251014 ... 101, 103, 105, 107, 128, 136	320	70002063.....	73
4846295	5251016 15, 17, 369	320	70002066.....	78
4846296	5260600	320	70002088... 307, 311, 320	167, 211
4846573	5260800	320	70002112.....	97
4846627 ... 447, 449, 451	5261000 ... 101, 103, 105, 107	320	70002134.....	249
4846673	5261018 ... 101, 103, 105, 107	320	70002146.....	249
4871700 ... 285, 287, 295, 299, 303, 308, 312, 315, 319	5272010	320	70002147.....	249
4891500	5281918 ... 567, 569, 571, 573, 575, 577, 579, 581, 583, 585, 587, 589	320	70002148.....	249
4891600 ... 365, 367, 369	70000123	320	70002149.....	249
4891800	70000342	320	70002150.....	249
4892000	70000345 .. 168, 197, 212	320	70002151.....	249
4892600 ... 365, 367, 369	70000619 . 307, 311, 315, 319	320	70002153.....	249
4921827	70000699	320	70002154.....	249
4922641 ... 285, 287, 289, 293, 296, 300, 304, 308, 312, 316, 320	70000781	320	70002156.....	249
4922925 ... 308, 312, 316, 319, 635	70000782	320	70002157.....	249
4923174	70000793	320	7000216.....	27
4923379	70000794	320	7000217	78
4933218	70000795	320	70002176.....	248
5240800	70000800	320	70002209.....	33
5241000 17, 128, 139, 141, 151, 155, 161, 165, 175, 179, 187, 192, 205, 209, 219, 222, 231, 234, 277, 295, 299, 303, 308, 312, 315, 319, 332, 336, 347	70000851	320	70002234.....	168, 212
5241200 ... 15, 17, 23, 25, 151, 154, 161, 164, 175, 178, 187, 190, 205, 208, 219, 222, 231, 234, 275, 277, 279, 281, 289, 295, 299, 303, 308, 312, 315, 319, 367, 369	70000863 . 307, 311, 315, 320	320	7000228	78
5241400 ... 154, 164, 178, 190, 208, 275, 277, 279, 281, 295, 299, 308, 312	70000912	320	7000229	78
5241600	70000913	320	70002291.....	316
5242000	70000914	320	70002297.. 307, 311, 316, 320	320
5242000	70000915	320	7000230.....	78
5242000	70000916	320	70002335.....	469
5242000	70000917	320	70002366.....	469
5242000	70000918	320	70002381.....	469
5242000	70000919	320	70002386.....	73, 724
5242000	70001002	320	70002410.....	471
5242000	70001017	320	7000246.....	78
5242000	70001100 . 307, 311, 315, 320	320	70002460.. 307, 311, 316, 319	78
5242000	70001103	320	7000247.....	78
5242000	70001119	320	7000248.....	78
5242000	70001126	320	7000253.....	78
5242000	70001384 . 307, 311, 315, 320	320	7000255.....	78
5242000	70001423	320	7000257.....	78
5242000	70001435	320	7000263.....	78
5242000	70001498	320	70002718... 167, 195, 211	168, 212
5242000	70001696 .. 307, 311, 319	320	70002745.....	485
5242000	70001697	320	70002755.....	485
5242000	70001847	320	70002756.....	485
5242000	70001850	320	70002758.....	66, 70
5242000	70001866	320	70002759.....	66, 70
5242000	70001868	320	7000281.....	28
5242000	70001870 .. 167, 195, 211	320	70002814.....	97, 724
5242000	70002092	320	70002838.....	97
5242000	70002903	320	70002839.....	97
5242000	70002904	320	70002842.....	467
5242000	70002905	320	70002902.....	425
5242000	70002962	320	70002903.....	425
5242000	70003003.....	320	70003019	65, 69, 357,
5242000	70003027	320	70003085	469
5242000	70003136	320	70003456	167, 211
5242000	70003457	320	70003457	167, 211
5242000	70003464	320	70003464	167, 211
5242000	70003468	320	70003468	167, 211
5242000	70003469	320	70003469	167, 211
5242000	70003470	320	70003470	167, 211
5242000	70003472	320	70003472	167, 211
5242000	70003473	320	70003473	167, 211
5242000	70003475	320	70003475	167, 211
5242000	70003478	320	70003478	167, 211
5242000	70003631 . 307, 311, 316, 319	320	70003631 .. 307, 311, 316, 319	319
5242000	70003708 . 295, 299, 303, 307, 311, 316, 320	320	70003708 .. 295, 299, 303, 307, 311, 316, 320	320
5242000	70003709 . 295, 299, 303, 307, 311, 316, 320	320	70003709 .. 295, 299, 303, 307, 311, 316, 320	320
5242000	70003783 . 155, 165, 209, 724	320	70003783 .. 155, 165, 209, 724	320
5242000	70003784	320	70003784	403
5242000	70003926 .. 487, 489, 491	320	70003926 .. 487, 489, 491	403
5242000	70003928 .. 487, 489, 491	320	70003928 .. 487, 489, 491	403
5242000	70003929 .. 487, 489, 491	320	70003929 .. 487, 489, 491	403
5242000	70003932	320	70003932	168, 212
5242000	70003975	320	70003975	33
5242000	70003982 .. 487, 489, 491	320	70003982 .. 487, 489, 491	33
5242000	70003998	320	70003998	99
5242000	70004037	320	70004037	78
5242000	70004039	320	70004039	78
5242000	70004040	320	70004040	78
5242000	70004041	320	70004041	78
5242000	70004042	320	70004042	78
5242000	70004043	320	70004043	78
5242000	70004044	320	70004044	78
5242000	70004045	320	70004045	78
5242000	70004047	320	70004047	79
5242000	70004051 .. 65, 66, 69, 70	320	70004051 .. 65, 66, 69, 70	79
5242000	70004052 .. 65, 66, 69, 70, 357, 359	320	70004052 .. 65, 66, 69, 70, 357, 359	79
5242000	70004053 .. 69, 357, 359	320	70004053 .. 69, 357, 359	79
5242000	70004055 .. 66, 69, 70	320	70004055 .. 66, 69, 70	79
5242000	70004056 .. 168, 212	320	70004056 .. 168, 212	79
5242000	70004058 .. 168, 212	320	70004058 .. 168, 212	79
5242000	70004059 .. 168, 212	320	70004059 .. 168, 212	79
5242000	70004060 .. 168, 212	320	70004060 .. 168, 212	79
5242000	70004064 .. 251, 253	320	70004064 .. 251, 253	79
5242000	70004065 .. 251, 253	320	70004065 .. 251, 253	79
5242000	70004066 .. 251, 253, 724	320	70004066 .. 251, 253, 724	79
5242000	70004067 .. 251, 253	320	70004067 .. 251, 253	79
5242000	70004068 .. 251, 253	320	70004068 .. 251, 253	79
5242000	70004069 .. 251, 253	320	70004069 .. 251, 253	79
5242000	70004070 .. 251, 253	320	70004070 .. 251, 253	79
5242000	70004092 .. 295, 299, 303, 316	320	70004092 .. 295, 299, 303, 316	316
5242000	70004094	320	70004094	316
5242000	70004098 .. 300, 304, 316	320	70004098 .. 300, 304, 316	316
5242000	70004099 .. 303, 316	320	70004099 .. 303, 316	316
5242000	70004103 .. 168, 212	320	70004103 .. 168, 212	316
5242000	70004155 .. 487, 489, 491	320	70004155 .. 487, 489, 491	316
5242000	70004169 .. 307, 311, 320	320	70004169 .. 307, 311, 320	316

PART NUMBER INDEX

70004171..295, 299, 307, 311, 320	70004748	419	70005648	197	70006115.....	65, 69
70004186..481, 483, 487, 489, 491	70004749	419	70005668	33	70006116.....	65, 69, 357, 359
70004199.....97	70004750	419	70005669	33	70006117.....	65, 69
70004237.....471	70004751	419	70005670	33	70006118.....	66, 70
70004268.....167, 211	70004752	421	70005671	343	70006119.....	66, 70
70004269.....167, 211	70004753	421	70005680	89	70006120.....	66, 70
70004270.....168, 212	70004754	421	70005681	89	70006121.....	357, 359
70004271.....168, 212	70004755	421	70005682 . 349, 351, 353, 355		70006122....	357, 359, 724
70004272.....168, 212	70004756	421	70005683	347, 724	70006123....	69, 357, 359
70004273.....167, 211	70004757	421	70005684	347	70006124....	69, 357, 359
70004276.....197	70004760	421	70005693	469	70006125.....	357, 359
70004277.....197	70004761	421	70005694	469	70006126.....	357, 359
70004280.....195	70004762	421	70005695	469	70006128.....	69
70004282.....197	70004763	421	70005696	469	70006134.....	239
70004414.....91	70004764	421	70005697	469	70006135.....	239
70004501.....196	70004765	421	70005698	471	70006136.....	239
70004504.....197	70004766	421	70005699	471	70006145.....	241
70004505.....195	70004767	421	70005700	471	70006147.....	241
70004506.....195	70004768	421	70005701	471	70006150....	241
70004507.....195	70004769	421	70005702	471	70006151....	241
70004508.....195	70004770	421	70005703	471	70006152....	241
70004509.....195	70004771	421	70005708	97	70006153....	241
70004510.....195	70004772	421	70005710	87	70006154....	241
70004513.....196	70004773	421	70005711	87	70006155.....	241, 725
70004577.....33	70004774	421	70005712	87	70006157.....	241
70004584.....65, 69	70004775	421	70005713	87	70006158....	241
70004594.....65, 69	70004795	97	70005716	87	70006159....	241
70004595.....66, 70, 724	70004883	73	70005920	195	70006160....	241
70004596.....66, 70	70004884	73	70005922	195	70006161....	241
70004597.....66, 70	70004888	33	70005923	196	70006162....	241
70004598.....66, 70	70005008 . 179, 191, 223, 235, 724, 725		70005924	196	70006163....	241
70004602.....65, 69	70005172	195	70005925	196	70006164....	241
70004607.....65, 69	70005173	195	70005926	196	70006165....	241
70004613.....359	70005177	196	70005927	196	70006166....	241
70004617.....66, 70	70005181	196	70005928	196	70006167....	241
70004653..65, 66, 69, 70, 357, 359, 724	70005184	196	70005929	196	70006168....	241
70004656.....65, 69	70005188	197	70005930	196	70006169....	241
70004657.....65, 69	70005189	197	70005931	196	70006170....	241
70004659.....65	70005191	197	70005932	197	70006171....	241
70004660.....65	70005200	359	70005933	197	70006172....	241
70004661.....65, 69	70005203	78	70005934	197	70006173....	241
70004662.....65, 69	70005230	419	70005935	197	70006174....	241
70004668.....65, 69	70005335 . 349, 351, 353, 355, 724		70005937	197	70006175....	241
70004676...295, 299, 303	70005466	248	70005938	195	70006176....	241, 725
70004677.....295	70005467	248	70005942	195	70006177....	241
70004678...295, 300, 304	70005468	248	70005947	66, 69, 70	70006178....	241, 725
70004679...295, 300, 304	70005469	248	70005951	357, 359	70006179....	241
70004680...295, 300, 304	70005470	248	70005952	65, 70, 357, 359	70006180....	241
70004681.....295	70005471	249	70006003	473	70006181....	241
70004682...295, 300, 304	70005472	249	70006004	473, 724	70006182....	241
70004683.....295	70005474	249	70006005	473	70006183....	241
70004684.....300	70005475	249	70006006	473	70006184....	241
70004685.....300, 304	70005476	249	70006093	316	70006185....	241
70004687.....304	70005479	168, 212	70006094	316	70006186....	241
70004738.....419	70005527	198	70006096	316	70006187....	241
70004739.....419	70005563	473	70006097	316	70006188....	241
70004740.....419	70005570	473	70006106	485	70006189....	241
70004741.....419	70005571	473	70006107	485	70006191....	241
70004742.....419	70005572	473	70006108	485	70006194....	241
70004743.....419	70005575	473	70006109	65, 69	70006195....	241
70004744.....419	70005576	473	70006111	65, 69	70006196....	242
70004745.....419	70005627	357, 359	70006112	65, 69	70006197....	242
70004746.....419	70005647	197	70006113	65, 69	70006198....	242
70004747.....419	70005648	197	70006114	65, 69	70006199....	242
					70006200....	242
					70006202....	242

PART NUMBER INDEX

70006203	242	70024484	197	70025185.....	196	7007476	249
70006205	242	70024488	195	70025192.....	197	7007477	249
70006206	242	70024494	195	70025200.....	196	7007484	248
70006207	242	70024502	196	70025203.....	196	7007485	249
70006208	242	70024504	196, 197	70025210.....	196, 725	7007487	249
70006213	242, 725	70024507	197	70025212.....	197	7007488	249
70006215	242	70024509	197	70025231.....	197	7007633	78
70006217	242	70024513	196	70025233.....	197	7010116	248
70006219	242	70024517	195	70025235.....	196	7010117	249
70006221	242	70024904	195	70025239.....	196	7010119	249
70006225	242	70024905	195	70025240.....	196	7010121	248
70006232	242	70024906	195	70025242.....	197	7010474	78
70006233	241	70024910	196	70025245.....	197	7010492	78
70006235	242	70024914	197	70025246.....	197	7010543	73
70006236	242	70024915	197	70025477.....	197	7011112	469, 471
70006260	473	70024917	197	70025580.....	473	7012513 ... 285, 287, 289,	
70006261	473	70024918	197	70025582.....	473	293	
70006264	195	70024920	196, 197	70025619.....	473	7012514 ... 285, 287, 289,	
70006265	195	70024922	197	70025660.....	195	293	
70006266	195	70024924	195	70025733.....	197	7012558 ... 287, 289, 293	
70006304	78, 79	70024925	195	70025768.....	196	7012925	473
70006305	79	70024961	196	70025877.....	197, 198	7012941	73
70006306	79	70025076	195	70026164.....	473	7012967	73, 473
70006307	79	70025077	197	70026210.....	197	7012998	33
70006308	79	70025082	195	70026995.....	197	7013189	89
70006309	79	70025084	196	70028185.....	195	7016319	121
70006310	79	70025091	195	7002821	732	7016328 ... 167, 211, 724	
70006313	79	70025101	196	7002822	732	7016331 ... 167, 195, 211,	
70006314	93	70025107	196	7002823	732	724	
70006356 . 151, 161, 175,		70025109	196	7002826	732	7016372	121
187, 205, 219, 231		70025111	195	7002840	732	7016652	732
70006357	66, 70	70025112	196	7004275	732	7016654	732
70006438	489	70025115	196	7004276	732	7016655	732
70006439	489	70025120	197	7005889	79	7017022	28
70006440	489	70025124	196	7005891	79	7017023	78
70006441	489	70025130	197	7007207	248	7017027	27
70006537	87	70025131	197	7007208	248	7017070	78
70006538	87	70025132	197	7007412	249	7017072	27, 78
70006552 .. 295, 300, 303		70025133	196	7007413	248	7017080	78
70006553 .. 295, 300, 303		70025135	195	7007415	248	7017082	79
70006568	477	70025137	195	7007417	248	7017085	78
70006569	477	70025139	195	7007418	248	7017093	27
70006570	477	70025140	195	7007419	248	7017095	27
70006571	477	70025144	195	7007420	248, 249	7017142	343, 345
70006572	477	70025145	195	7007422	249	7017159	343, 345
70006649	479, 483	70025146	195	7007423	248	7017162	343, 345
70006650	479, 483	70025148	196	7007425	248	7017163	343, 345
70006734	479, 483	70025149	197	7007430	249	7017164	343, 345
70006735	479, 483	70025151	196	7007431	249	7017172	343, 345
70006736	479, 483	70025152	195	7007434	249	7017192	343, 345
70006941	195	70025153	196, 725	7007435	248	7017195	343, 345
7000695	168, 212	70025154	195	7007437	31	7017410	73
70010383 . 57, 59, 61, 63,		70025155	197	7007438	31, 248	7017467	473
724		70025158	196	7007439	31, 248	7017496	473
7001909	78	70025160	196	7007441	249	7019680 ... 287, 289, 293	
7001911	78	70025161	196	7007442	248	7020043	91, 95
7001912	78	70025164	197	7007443	248	7020108 ... 285, 287, 289,	
7001913	27	70025174	196	7007444	249	293	
7001931	78	70025175	196	7007446	31, 248	7020109 ... 285, 287, 289,	
7001985	78	70025176	195	7007448	248	293	
70022564	471	70025178	196	7007450	249	7020110 ... 285, 287, 289,	
70023369	471	70025179	196, 197	7007453	249	293	
70023859	65, 69	70025180	196	7007457	248	7020111 ... 285, 287, 289,	
70023860	65, 69, 359	70025181	195	7007459	248	293	
70023862	357, 359	70025182	196	7007463	248	7020175 109, 111, 403	
70023915	477	70025183	196	7007464	248		
70024457	65, 69	70025184	196	7007465	248		

PART NUMBER INDEX

7020190.....285, 287, 289, 293	7024124.....27	7024763.....78	77363233.....633, 635
7020403.....167, 211	7024125.....27	7024764.....28	80434249.....65, 69, 724
7020408.....168, 212	7024127.....27	7024765.....28	80484084.....619, 623
7020431.....167, 211	7024134.....28	7024766.....28	80633030..511, 517, 523, 529
7020465.....167, 195, 211	7024398.....168, 212	7024851.....249	80963067.....671
7020468.....167, 211	7024441.....97	7024862.....31	80983191...619, 623, 725
7020471.....168, 212	7024462.....453	7024865.....31	82033995.....223
7020479.....168, 212	7024463.....453	7024867.....31	8220045.....617, 631, 672
7020487.....167, 211	7024467.....453	7024871.....31	8220115.....619, 623
7020492.....196	7024469.....453	7024874.....248	8220125.....671
7021200.....248	7024470.....453	7024875.....248	8220164.....617, 619
7021201.....249	7024471.....453	7024877.....249	8229242....619, 623, 671, 724
7021202.....248	7024472.....453	7024881.....33	8229244.....671, 724
7021203.....249	7024473.....453	7026188 ... 307, 311, 320	8229245.....631, 672, 724
7021206.....249	7024474.....453	7026199.....289, 293	8310129....441, 443, 445
7021207.....248	7024475.....453	7026511.....89	8310614.....21
7021210.....248	7024478.....453	7026597 ... 307, 311, 316, 320	83304173.....97
7021212.....248	7024485 ... 307, 311, 319	7026626 ... 307, 311, 316, 320	8405006.....222, 234
7021214.....248	7024488 ... 307, 311, 315,	7026631167, 211	8405007.....178, 190
7021219.....248	319	7027236167, 211	8405009....178, 190, 223, 235
7021220.....248	7024489 ... 307, 311, 315,	7027276168, 212	8405102.....222, 234
7021221.....249	319	7027404242	8405104....178, 190, 222, 234
7021222.....249	7024560.....168, 212	702741931	8405202....154, 164, 208
7021223.....249	7024579 ... 167, 195, 211	702774031	8405203.....222, 234
7021232.....249	7024598.....273	7027773453	8406003.....361, 363
7021233.....248	7024704.....78	7027774453	8406109....178, 190, 222, 234
7021249.....31	7024721.....28	7027775453	8406110...123, 125, 147, 157, 203
7021256.....248, 249	7024722.....27	7027776453	8406201.....224, 235
7021275.....31	7024723.....28	7027777453	8410009.....224, 235
7021625.....33	7024724.....27	7027778453	8410011....178, 190, 222, 234
7021639.....33	7024725.....27	7027779453	8420231.....224, 235
7022162.....241	7024726.....27	7027780453	85941018.....215, 227
7022301.....249	7024727.....27	7027790168, 212	88521214...459, 461, 463
7022302.....31	7024728.....27	7027791168, 212	8896941.....732
7022311.....31	7024729.....27	7027792168, 212	91203039.....369
7022313.....31	7024730.....27	7027795 ... 167, 211, 724	91401281.....99
7022314.....31	7024731.....27	7027796167, 211	91403230..675, 677, 679, 681, 683, 685, 687,
7022326.....31	7024732.....27	7027799 ... 307, 311, 316, 319	689, 691, 693, 695,
7022328.....31	7024733.....27	7027887 ... 285, 287, 289, 293	697, 699, 701, 703,
7022368.....31	7024734.....27	7274000040296, 300, 304, 308, 312, 316	705, 707, 709, 711
7022371.....31	7024735.....27	7300435 ... 154, 164, 178, 190, 208	
7022372.....31	7024736.....27	77133137 .567, 569, 571, 573, 575, 577, 579,	
7022397.....33	7024737.....28	581, 583, 585, 587, 589	
7022399.....33	7024738.....27		
7022524.....357, 359	7024739.....27		
7022527.....65, 69	7024740.....27		
7023821.....66, 70	7024741.....27		
7023910.....31	7024742.....27		
7023979.....248	7024743.....27, 78		
7024100.....79	7024744.....28		



3121729



An Oshkosh Corporation Company

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