



Illustrated Parts Manual

Model H800AJ

S/N 0300000100
THROUGH
0300270863

P/N
3121771

May 15, 2022 - Rev J

ANSI

CE



AS/NZS

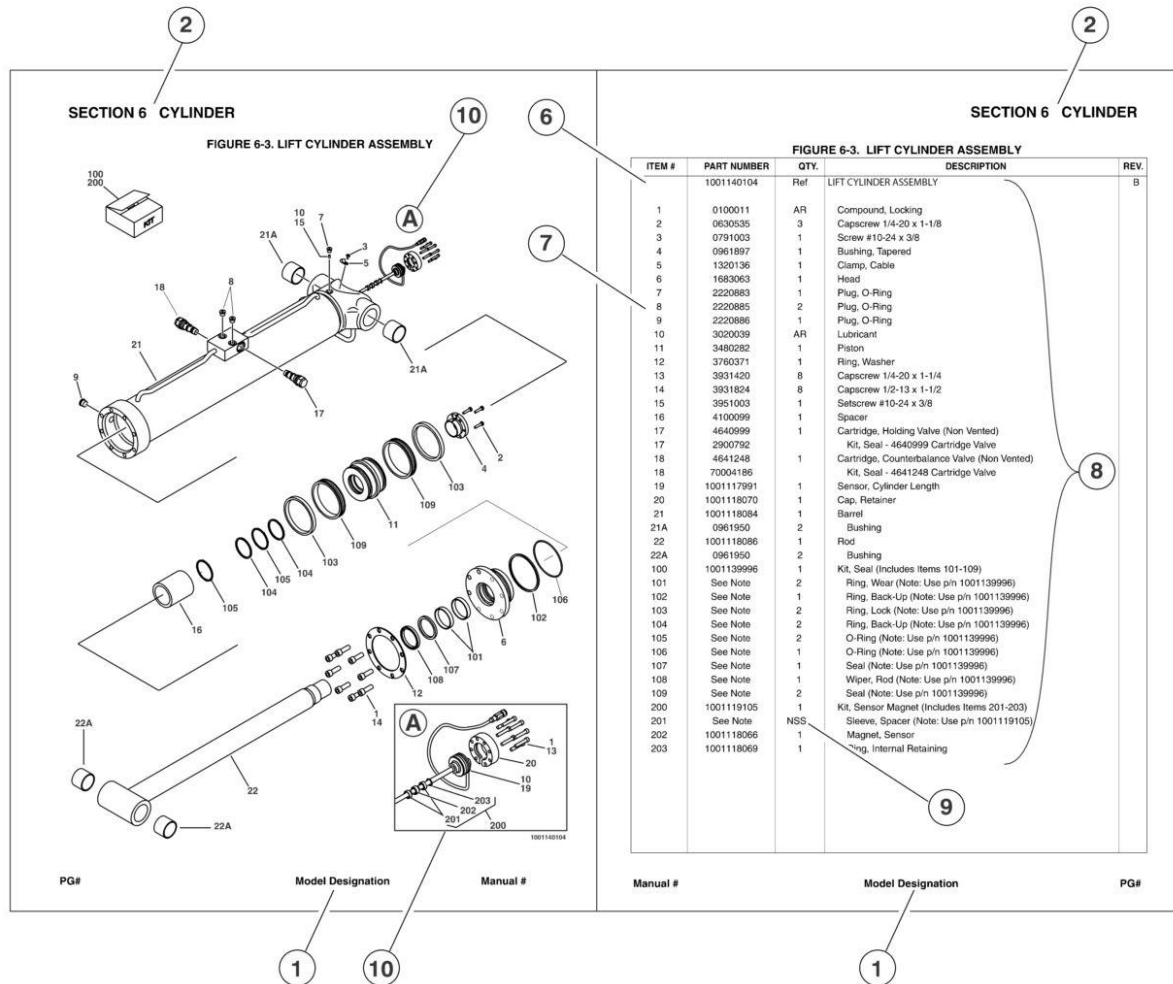


An Oshkosh Corporation Company

REVISION LOG

January 15, 2018 - A - Original Issue Of Manual (Manual edited to 1001221047 Revision C)
March 1, 2018 - B - Revised Manual (Manual edited to 1001221047 Revision C)
May 21, 2018 - C - Revised Manual (Manual Edited to 1001221047 Revision F)
August 24, 2018 - D - Revised Manual (Manual Edited to 1001221047 Revision F)
October 1, 2018 - E - Revised Manual (Manual Edited to 1001221047 Revision F) (Revision 1)
January 30, 2019 - F - Revised Manual (Manual Edited to 1001221047 Revision G) (Revision 1)
June 26, 2019 - G - Revised Manual (Manual Edited to 1001221047 Revision K)
November 22, 2019 - H - Revised Manual (Manual Edited to 1001221047 Revision K)
January 2, 2020 - I - Revised Manual (Manual Edited to 1001221047 Revision K)
May 15, 2022 - J - Revised Manual (Manual Edited to 1001221047 Revision K)

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, reference 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) INDENTED PARTS DESCRIPTION

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

9) ABB REVIATION AND SYMBOLS

AC..... Alternating Current
ADE..... Advanced Design Electronics
ANSI..... American National Standards Institute
AR..... As Required
ASSY..... Assembly
AUX..... A uxiliary
AWG..... American Wire Gauge
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)..... Milimeter
mA..... Milliamps
NLA..... No Longer Available
NPT..... National Pipe Threads
NSS..... Not Sold Separately
OD..... Outside Diameter
ORB..... O-Ring Boss
ORFS..... O-Ring Face Seal
OZ (oz)..... Ounces
PG..... Page
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 - WITHOUT TOW PACKAGE.....	14
FIGURE 1-2. AXLE INSTALLATION - WITH TOW PACKAGE.....	16
FIGURE 1-3. STEER INSTALLATION - WITHOUT TOW PACKAGE	18
FIGURE 1-4. STEER INSTALLATION - WITH TOW PACKAGE.....	20
FIGURE 1-5. WHEEL DRIVE AND FRAME VALVES INSTALLATION	22
FIGURE 1-6. DRIVE HUB/BRAKE ASSEMBLY (Prior to SN 0300247156)	24
FIGURE 1-7. DRIVE HUB/BRAKE ASSEMBLY (SN 0300247156 through 0300270863)	28
FIGURE 1-8. DRIVE MOTOR ASSEMBLY.....	30
FIGURE 1-9. TIRE & WHEEL INSTALLATION - 15-625 NHS FOAM-FILLED	32
FIGURE 1-10. TIRE AND WHEEL INSTALLATION - 18-625 NHS FOAM-FILLED.....	34
FIGURE 1-11. TIRE AND WHEEL INSTALLATION - 18-625 NHS FOAM-FILLED NON-MARKING (Prior to SN 0300247156) ...	36
FIGURE 1-12. TIRE AND WHEEL INSTALLATION - 18-625 NHS FOAM-FILLED NON-MARKING (SN 0300247156 through 0300270863).....	38
FIGURE 1-13. FRAME SHIELDS INSTALLATION.....	40
FIGURE 1-14. TOW PACKAGE INSTALLATION (OPTIONAL) (ANSI, ANSI EXPORT AND CHINA SPECS)	42
SECTION 2 - TURNTABLE.....	45
FIGURE 2-1. VALVES INSTALLATION - WITHOUT LSS	46
FIGURE 2-2. VALVES INSTALLATION - WITH LSS.....	48
FIGURE 2-3. MAIN VALVE ASSEMBLY (Prior to SN 0300247156).....	50
FIGURE 2-4. MAIN VALVE ASSEMBLY (SN 0300247156 through 0300270863)	54
FIGURE 2-5. BRAKE/2 SPEED VALVE ASSEMBLY	58
FIGURE 2-6. SWING DRIVE INSTALLATION.....	60
FIGURE 2-7. SWING MOTOR/HUB ASSEMBLY (Prior to SN 0300268294)	62
FIGURE 2-8. SWING MOTOR/HUB ASSEMBLY (SN 0300268294 through 0300270863).....	66
FIGURE 2-9. TURNTABLE BEARING AND LUBE INSTALLATION	70
FIGURE 2-10. TURNTABLE LOCK INSTALLATION.....	72
FIGURE 2-11. ROTARY COUPLING INSTALLATION	74
FIGURE 2-12. TANKS INSTALLATION.....	76
FIGURE 2-13. HYDRAULIC TANK ASSEMBLY.....	78
FIGURE 2-14. FUEL TANK ASSEMBLY	80
FIGURE 2-15. COOLER INSTALLATION	82
FIGURE 2-16. BATTERY BOXES INSTALLATION.....	84
FIGURE 2-17. BATTERY CHARGERS INSTALLATION (FACTORY SUPPLIED 220V PLUG)	88
FIGURE 2-18. BATTERY CHARGERS INSTALLATION (CUSTOMER SUPPLIED PLUG).....	90
FIGURE 2-19. ELECTRICAL SYSTEM INSTALLATION	92
FIGURE 2-20. IMG CONTROL BOX ASSEMBLY	94
FIGURE 2-21. ELECTRICAL ASSEMBLY - 12V FUSE BOX	98
FIGURE 2-22. GROUND CONTROL BOX ASSEMBLY	100
FIGURE 2-23. GROUND CONTROL PANEL DECAL INSTALLATION (WITHOUT MSSO)	102
FIGURE 2-24. GROUND CONTROL PANEL DECAL INSTALLATION (WITH MSSO).....	104
FIGURE 2-25. ALARM INSTALLATION	106
FIGURE 2-26. STROBE LIGHT INSTALLATION - AMBER (OPTIONAL)	108
FIGURE 2-27. STROBE LIGHT INSTALLATION - BLUE (OPTIONAL) (Prior to SN 0300259698).....	110
FIGURE 2-28. STROBE LIGHT INSTALLATION - BLUE (OPTIONAL) (SN 0300259698 through 0300270863)	112
FIGURE 2-29. STROBE LIGHT INSTALLATION - RED (OPTIONAL) (Prior to SN 0300259698).....	114
FIGURE 2-30. STROBE LIGHT INSTALLATION - RED (OPTIONAL) (SN 0300259698 through 0300270863)	116
FIGURE 2-31. HEAT SHIELD AND ACCESS PANELS INSTALLATION	118
FIGURE 2-32. HOODS INSTALLATION	120
FIGURE 2-33. HOOD ASSEMBLY - TANK SIDE.....	124
FIGURE 2-34. HOOD ASSEMBLY - ENGINE SIDE.....	126
SECTION 3 - ENGINE	129
FIGURE 3-1. ENGINE INSTALLATION.....	130
FIGURE 3-2. ENGINE AND PUMPS SUB-ASSEMBLY (Prior to SN 0300259343).....	134
FIGURE 3-3. ENGINE AND PUMPS SUB-ASSEMBLY (SN 0300259343 through 0300270863)	136
FIGURE 3-4. ENGINE AND TRAY ASSEMBLY (Prior to SN 0300259343)	138
FIGURE 3-5. ENGINE AND TRAY ASSEMBLY (SN 0300259343 through 0300270863).....	142
FIGURE 3-6. ENGINE AND GENERATOR ASSEMBLY (Prior to SN 0300259343)	146
FIGURE 3-7. ENGINE AND GENERATOR ASSEMBLY (SN 0300259343 through 0300270863).....	148
FIGURE 3-8. ENGINE AND CLUTCH ASSEMBLY (Prior to SN 0300259343)	150
FIGURE 3-9. ENGINE AND CLUTCH ASSEMBLY (SN 0300259343 through 0300270863).....	152

TABLE OF CONTENTS

FIGURE 3-10. ENGINE FAN MOUNTING ASSEMBLY	154
FIGURE 3-11. KUBOTA ENGINE COMPONENTS (Prior to SN 0300259343)	156
FIGURE 3-12. KUBOTA ENGINE COMPONENTS (SN 0300259343 through 0300270863)	160
FIGURE 3-13. GENERATOR ASSEMBLY	164
FIGURE 3-14. VARIABLE PUMP ASSEMBLY	166
FIGURE 3-15. HYDROSTATIC PUMP ASSEMBLY	170
FIGURE 3-16. FUEL/WATER SEPARATOR ASSEMBLY	172
FIGURE 3-17. ENGINE HOOD BAFFLES INSTALLATION	174
FIGURE 3-18. TRAY JACK INSTALLATION	176
FIGURE 3-19. 4000W GENERATOR INSTALLATION - 220V/50HZ (OPTIONAL)	178
FIGURE 3-20. 7500W SKYPOWER GENERATOR INSTALLATION - 220V/50HZ (OPTIONAL)	182
FIGURE 3-21. 7500W SKYPOWER GENERATOR INSTALLATION - 110V/60HZ (OPTIONAL)	186
 SECTION 4 - BOOM	 191
FIGURE 4-1. BOOM AND CYLINDER INSTALLATION (Prior to SN 0300261401)	192
FIGURE 4-2. BOOM AND CYLINDER INSTALLATION (SN 0300261401 through 0300270863)	196
FIGURE 4-3. JIB ASSEMBLY (SN 0300261401 through 0300270863)	198
FIGURE 4-4. MAIN BOOM ASSEMBLY	200
FIGURE 4-5. TOWER BOOM ASSEMBLY	202
FIGURE 4-6. ROTATOR ASSEMBLY	204
FIGURE 4-7. POWER TRACK INSTALLATION - MAIN BOOM	206
FIGURE 4-8. POWER TRACK INSTALLATION - TOWER BOOM	208
FIGURE 4-9. BOOM VALVES INSTALLATION - WITHOUT LSS	210
FIGURE 4-10. BOOM VALVES INSTALLATION - WITH LSS	212
FIGURE 4-11. BOOM VALVE ASSEMBLY	214
FIGURE 4-12. BOOM VALVE AND LIMIT SWITCHES INSTALLATION	216
FIGURE 4-13. TILT SENSOR INSTALLATION	218
FIGURE 4-14. TRANSPORT POSITION SWITCH INSTALLATION (CE SPECS)	220
FIGURE 4-15. PLATFORM SUPPORT INSTALLATION - WITHOUT LSS	222
FIGURE 4-16. PLATFORM SUPPORT INSTALLATION - WITH LSS	224
 SECTION 5 - PLATFORM	 227
FIGURE 5-1. PLATFORM ASSEMBLY - 30IN X 4FT (76CM X 1.22M) WITH SWING GATE	228
FIGURE 5-2. PLATFORM ASSEMBLY - 30IN X 4FT (76CM X 1.22M) WITH DROP BAR	230
FIGURE 5-3. PLATFORM ASSEMBLY - 30IN X 6FT (76CM X 1.83M) WITH SWING GATE	232
FIGURE 5-4. PLATFORM ASSEMBLY - 30IN X 6FT (76CM X 1.83M) WITH DROP BAR	234
FIGURE 5-5. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH SWING GATE	236
FIGURE 5-6. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH DROP BAR	238
FIGURE 5-7. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH FALL ARREST (ANSI, ANSI EXPORT, CHINA & CSA SPECS)	240
FIGURE 5-8. PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH SWING GATE	242
FIGURE 5-9. PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH DROP BAR	244
FIGURE 5-10. PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH FALL ARREST	246
FIGURE 5-11. TRAY ASSEMBLY	248
FIGURE 5-12. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION (Prior to SN 0300259698)	250
FIGURE 5-13. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION (SN 0300259698 through 0300270863)	252
FIGURE 5-14. CONSOLE BOX ASSEMBLY (Prior to SN 0300259698)	254
FIGURE 5-15. CONSOLE BOX ASSEMBLY (SN 0300259698 through 0300270863)	258
FIGURE 5-16. LIGHT PANEL INSTALLATION	262
FIGURE 5-17. JIB SWITCH INSTALLATION	264
FIGURE 5-18. CONTROLLER ASSEMBLY (DRIVE AND STEER)	266
FIGURE 5-19. CONTROLLER ASSEMBLY (LIFT AND SWING)	268
FIGURE 5-20. FOOTSWITCH ASSEMBLY	272
FIGURE 5-21. SOFT TOUCH INSTALLATION - 6FT (1.83M) PLATFORM (OPTIONAL)	274
FIGURE 5-22. SOFT TOUCH INSTALLATION - 6FT (1.83M) FALL ARREST PLATFORM (OPTIONAL)	276
FIGURE 5-23. SOFT TOUCH INSTALLATION - 8FT (2.4M) PLATFORM (OPTIONAL)	278
FIGURE 5-24. SOFT TOUCH INSTALLATION - 8FT (2.4M) FALL ARREST PLATFORM (OPTIONAL)	280
FIGURE 5-25. SKYEYE INSTALLATION	282
FIGURE 5-26. SKYGUARD INSTALLATION (Prior to SN 0300259698)	284
FIGURE 5-27. SKYGUARD BAR INSTALLATION (SN 0300259698 through 0300270863)	286
FIGURE 5-28. SKYGLAZIER INSTALLATION (ANSI, ANSI EXPORT, AUSTRALIAN & CSA SPECS)	288
FIGURE 5-29. SKYLINE INSTALLATION	290
FIGURE 5-30. SKYWELDER INSTALLATION (50HZ)	292
FIGURE 5-31. SKYWELDER INSTALLATION (60HZ)	294
FIGURE 5-32. SKYWELDER PREP PACKAGE (60HZ)	296

TABLE OF CONTENTS

FIGURE 5-33. WELDER ASSEMBLY	298
FIGURE 5-34. PIPE RACK INSTALLATION (ANSI AND CSA SPECS ONLY)	300
FIGURE 5-35. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (6FT/1.82M PLATFORM)	302
FIGURE 5-36. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (6FT/1.82M TRI-ENTRY PLATFORM)	304
FIGURE 5-37. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (8FT/2.4M PLATFORM)	306
SECTION 6 - CYLINDER	309
FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSEMBLY	310
FIGURE 6-2. LEVEL (SLAVE) CYLINDER ASSEMBLY - JIB (Prior to SN 0300247156)	312
FIGURE 6-3. LEVEL (SLAVE) CYLINDER ASSEMBLY - JIB (SN 0300247156 through 0300270863)	314
FIGURE 6-4. LEVEL (SLAVE) CYLINDER ASSEMBLY - UPRIGHT (Prior to SN 0300247156)	316
FIGURE 6-5. LEVEL (SLAVE) CYLINDER ASSEMBLY - UPRIGHT (SN 0300247156 through 0300261401)	318
FIGURE 6-6. LEVEL (SLAVE) CYLINDER ASSEMBLY - UPRIGHT (SN 0300261402 through 0300270863)	320
FIGURE 6-7. LIFT CYLINDER ASSEMBLY - JIB (Prior to SN 0300247156)	322
FIGURE 6-8. LIFT CYLINDER ASSEMBLY - JIB (SN 0300247156 through 0300270863)	324
FIGURE 6-9. LIFT CYLINDER ASSEMBLY - MAIN BOOM (Prior to SN 0300247156)	326
FIGURE 6-10. LIFT CYLINDER ASSEMBLY - MAIN BOOM (SN 0300247156 through 0300261401)	328
FIGURE 6-11. LIFT CYLINDER ASSEMBLY - MAIN BOOM (SN 0300261402 through 0300270863)	330
FIGURE 6-12. LIFT CYLINDER ASSEMBLY - TOWER BOOM (Prior to SN 0300247156)	332
FIGURE 6-13. LIFT CYLINDER ASSEMBLY - TOWER BOOM (SN 0300247156 through 0300261401)	334
FIGURE 6-14. LIFT CYLINDER ASSEMBLY - TOWER BOOM (SN 0300261402 through 0300270863)	336
FIGURE 6-15. MASTER CYLINDER ASSEMBLY (Prior to SN 0300247156)	338
FIGURE 6-16. MASTER CYLINDER ASSEMBLY (SN 0300247156 through 0300270863)	340
FIGURE 6-17. STEER CYLINDER ASSEMBLY	342
FIGURE 6-18. TELESCOPE CYLINDER ASSEMBLY - MAIN BOOM (Prior to SN 0300247156)	344
FIGURE 6-19. TELESCOPE CYLINDER ASSEMBLY - MAIN BOOM (SN 0300247156 through 0300270863)	346
FIGURE 6-20. TELESCOPE CYLINDER ASSEMBLY - TOWER BOOM (Prior to SN 0300247156)	348
FIGURE 6-21. TELESCOPE CYLINDER ASSEMBLY - TOWER BOOM (SN 0300247156 through 0300270863)	350
SECTION 7 - HYDRAULIC	353
FIGURE 7-1. AXLE LOCKOUT HYDRAULIC DIAGRAM	354
FIGURE 7-2. DRIVE HYDRAULIC DIAGRAM	356
FIGURE 7-3. STANDARD HYDRAULIC DIAGRAM	362
FIGURE 7-4. TOW HYDRAULIC DIAGRAM	366
FIGURE 7-5. HYDRAULIC DIAGRAM LIST	368
SECTION 8 - ELECTRICAL	369
FIGURE 8-1. ELECTRICAL DIAGRAM LIST	370
FIGURE 8-2. AC BOX AT PLATFORM INSTALLATION - 110V GFI RECEPTACLE (ALL SPECS EXCEPT AUSTRALIAN & CE SPECS)	372
FIGURE 8-3. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE SPECS) (MACHINES WITHOUT 4000W GENERATOR)	374
FIGURE 8-4. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE SPECS) (MACHINES WITH 4000W GENERATOR)	376
FIGURE 8-5. AC BOX AT PLATFORM INSTALLATION - 220V (ANSI, CSA & JAPANESE SPECS)	378
FIGURE 8-6. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE SPECS) (MACHINES WITHOUT 4000W GENERATOR)	380
FIGURE 8-7. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE SPECS) (MACHINES WITH 4000W GENERATOR)	382
FIGURE 8-8. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2X4 POST GROUND (CE SPECS) (MACHINES WITHOUT 4000W GENERATOR)	384
FIGURE 8-9. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2X4 POST GROUND (CE SPECS) (MACHINES WITH 4000W GENERATOR)	386
FIGURE 8-10. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2X4 SIDE GROUND (CE SPECS) (MACHINES WITHOUT 4000W GENERATOR)	388
FIGURE 8-11. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2X4 SIDE GROUND (CE SPECS) (MACHINES WITH 4000W GENERATOR)	390
FIGURE 8-12. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 (CE SPECS) (MACHINES WITHOUT 4000W GENERATOR)	392
FIGURE 8-13. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 (CE SPECS) (MACHINES WITH 4000W GENERATOR)	394
FIGURE 8-14. AC BOX AT PLATFORM INSTALLATION - BOX WITH COVER (ANSI EXPORT, AUSTRALIAN, CHINA & JAPANESE SPECS)	396

TABLE OF CONTENTS

FIGURE 8-15. AC BOX AT PLATFORM INSTALLATION - 240V RECEPTACLE (WITH 4000W GENERATOR) (ALL SPECS EXCEPT ANSI & CSA SPECS).....	398
FIGURE 8-16. AC BOX AT PLATFORM INSTALLATION - 240V RECEPTACLE (WITH 7500W SKYPOWER GENERATOR) (ANSI & CSA SPECS).....	400
FIGURE 8-17. AC BOX AT PLATFORM MID-BOOM PLUG INSTALLATION (WITHOUT 7500W SKYPOWER GENERATOR) (ALL SPECS EXCEPT ANSI & CSA SPECS).....	402
FIGURE 8-18. AC BOX AT PLATFORM MID-BOOM PLUG INSTALLATION (WITH 7500W SKYPOWER GENERATOR)	404
FIGURE 8-19. AC BREAKER BOX INSTALLATION - WITH 2 BREAKERS (CE SPECS WITHOUT 4000W GENERATOR) (Prior to SN 0300247156)	406
FIGURE 8-20. AC BREAKER BOX INSTALLATION - WITH 2 BREAKERS (CE SPECS WITH 4000W GENERATOR) (SN 0300247156 through 0300270863)	408
FIGURE 8-21. AC BREAKER BOX INSTALLATION - WITH 2 BREAKERS (BRAZIL SPECS)	410
FIGURE 8-22. AC BREAKER BOX INSTALLATION - WITH 3 BREAKERS (CE SPECS WITH 4000W GENERATOR)	412
FIGURE 8-23. BATTERY CABLES INSTALLATION.....	414
FIGURE 8-24. BATTERY STACK HARNESS (LH).....	416
FIGURE 8-25. BATTERY STACK HARNESS (RH)	418
FIGURE 8-26. BOOM VALVE HARNESS.....	420
FIGURE 8-27. BOOM CABLES INSTALLATION (MACHINES WITHOUT GENERATOR).....	422
FIGURE 8-28. BOOM CABLES INSTALLATION (AUSTRALIAN SPECS WITH 4000W GENERATOR)	424
FIGURE 8-29. BOOM CABLES INSTALLATION (CE SPECS WITH 4000W GENERATOR).....	426
FIGURE 8-30. BOOM CABLES INSTALLATION (ANSI, ANSI EXPORT, CHINA, CSA & JAPANESE SPECS WITH 7500W GENERATOR)	428
FIGURE 8-31. BOOM CABLES INSTALLATION (AUSTRALIAN & CE SPECS WITH 7500W GENERATOR)	430
FIGURE 8-32. BOOM CABLE - MAIN BOOM.....	432
FIGURE 8-33. BOOM CABLE - TOWER BOOM.....	434
FIGURE 8-34. BREAKER BOX KIT - WITH 2 BREAKERS (CE SPECS WITHOUT 4000W GENERATOR & BRAZIL SPECS).....	436
FIGURE 8-35. BREAKER BOX KIT - WITH 2 BREAKERS (CE SPECS WITH 4000W GENERATOR)	438
FIGURE 8-36. BREAKER BOX KIT - WITH 3 BREAKERS (CE SPECS WITH 4000W GENERATOR)	440
FIGURE 8-37. CHARGER HARNESS	442
FIGURE 8-38. CONTROL HARNESS.....	444
FIGURE 8-39. ELECTRICAL SYSTEM INSTALLATION	446
FIGURE 8-40. ENGINE HARNESS - KUBOTA.....	448
FIGURE 8-41. ENGINE TRAY HARNESS.....	450
FIGURE 8-42. GENERATOR HARNESS - 4000W	452
FIGURE 8-43. GENERATOR HARNESS - 7500W SKYPOWER.....	454
FIGURE 8-44. GENERATOR HARNESS - 4000W AND 7500W SKYPOWER.....	456
FIGURE 8-45. GROUND CONTROL BOX HARNESS	458
FIGURE 8-46. H-BRIDGE/CLUTCH HARNESS	460
FIGURE 8-47. HYBRID 84V HARNESS	462
FIGURE 8-48. MAIN VALVE HARNESS.....	464
FIGURE 8-49. PLATFORM CONSOLE BOX HARNESS.....	466
FIGURE 8-50. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE SPEC)	470
FIGURE 8-51. RECEPTACLE BOX KIT - 220V IEC BLUE (CE SPEC).....	472
FIGURE 8-52. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2X4 BOX (CE SPEC)	474
FIGURE 8-53. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND (CE SPEC).....	476
FIGURE 8-54. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE SPEC)	478
FIGURE 8-55. RESOLVER/CONVERTER/INVERTER HARNESS	480
FIGURE 8-56. SKYEYE INTERMEDIATE HARNESS	482
FIGURE 8-57. SKYEYE RECEIVER HARNESS.....	484
FIGURE 8-58. SKYEYE EMITTER HARNESS	486
FIGURE 8-59. SKYLINE HARNESS	488
FIGURE 8-60. STROBE LIGHT CONTROL HARNESS (BLUE & RED LIGHTS)	490
FIGURE 8-61. TURNTABLE HARNESS.....	492
FIGURE 8-62. TURNTABLE/FUSE PANEL HARNESS.....	494
FIGURE 8-63. PLATFORM INTERFACE HARNESS.....	496
SECTION 9 - DECALS	499
FIGURE 9-1. DECAL INSTALLATION - ANSI SPECS (ENGLISH LANGUAGE).....	500
FIGURE 9-2. DECAL INSTALLATION - AUSTRALIAN SPECS (ENGLISH LANGUAGE).....	502
FIGURE 9-3. DECAL INSTALLATION - BRAZIL SPECS (ENGLISH/PORTUGUESE LANGUAGES)	504
FIGURE 9-4. DECAL INSTALLATION - CE SPECS (ENGLISH LANGUAGE)	506
FIGURE 9-5. DECAL INSTALLATION - CHINA SPECS (ENGLISH/CHINESE LANGUAGES).....	508
FIGURE 9-6. DECAL INSTALLATION - CSA SPECS (ENGLISH/FRENCH LANGUAGES)	510
FIGURE 9-7. DECAL INSTALLATION - JAPANESE SPECS (ENGLISH/JAPANESE LANGUAGES)	512
FIGURE 9-8. DECAL INSTALLATION - KOREAN SPECS (ENGLISH/KOREAN LANGUAGES).....	514
FIGURE 9-9. DECAL INSTALLATION - LATIN AMERICAN SPECS (ENGLISH/SPANISH LANGUAGES)	516

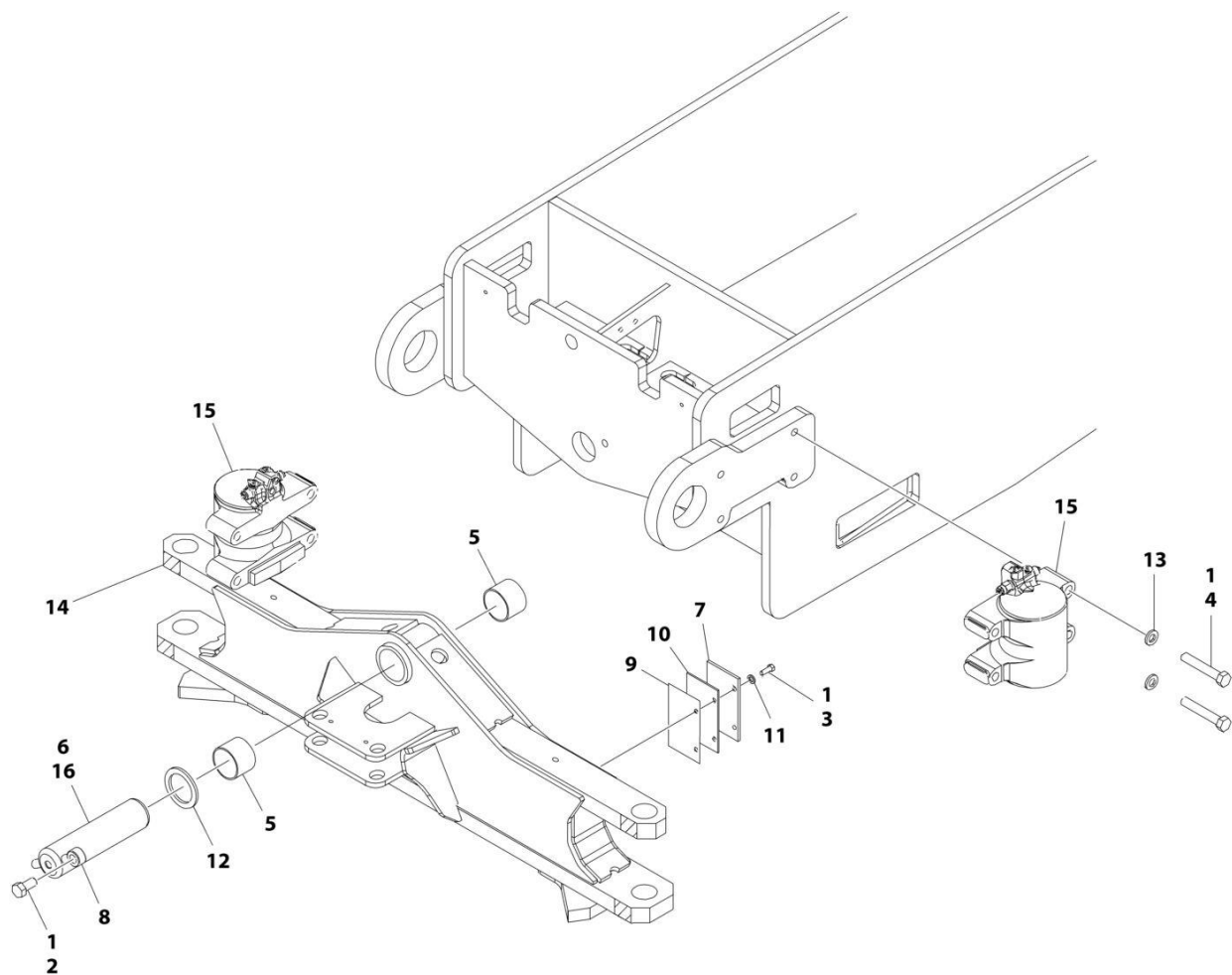
TABLE OF CONTENTS

FIGURE 9-10. DECALS INSTALLATION - OPTIONS	518
SECTION 10 - RECOMMENDED SERVICE PARTS STOCK.....	521
FIGURE 10-1. RECOMMENDED SERVICE PARTS STOCK	522
SECTION 11 - SPECIAL OPTIONS.....	525
FIGURE 11-1. SPECIAL OPTIONS.....	526
PART NUMBER INDEX	529

SECTION 1 - FRAME

SECTION 1 - FRAME

FIGURE 1-1. AXLE INSTALLATION - WITHOUT TOW PACKAGE



ART_1001154584

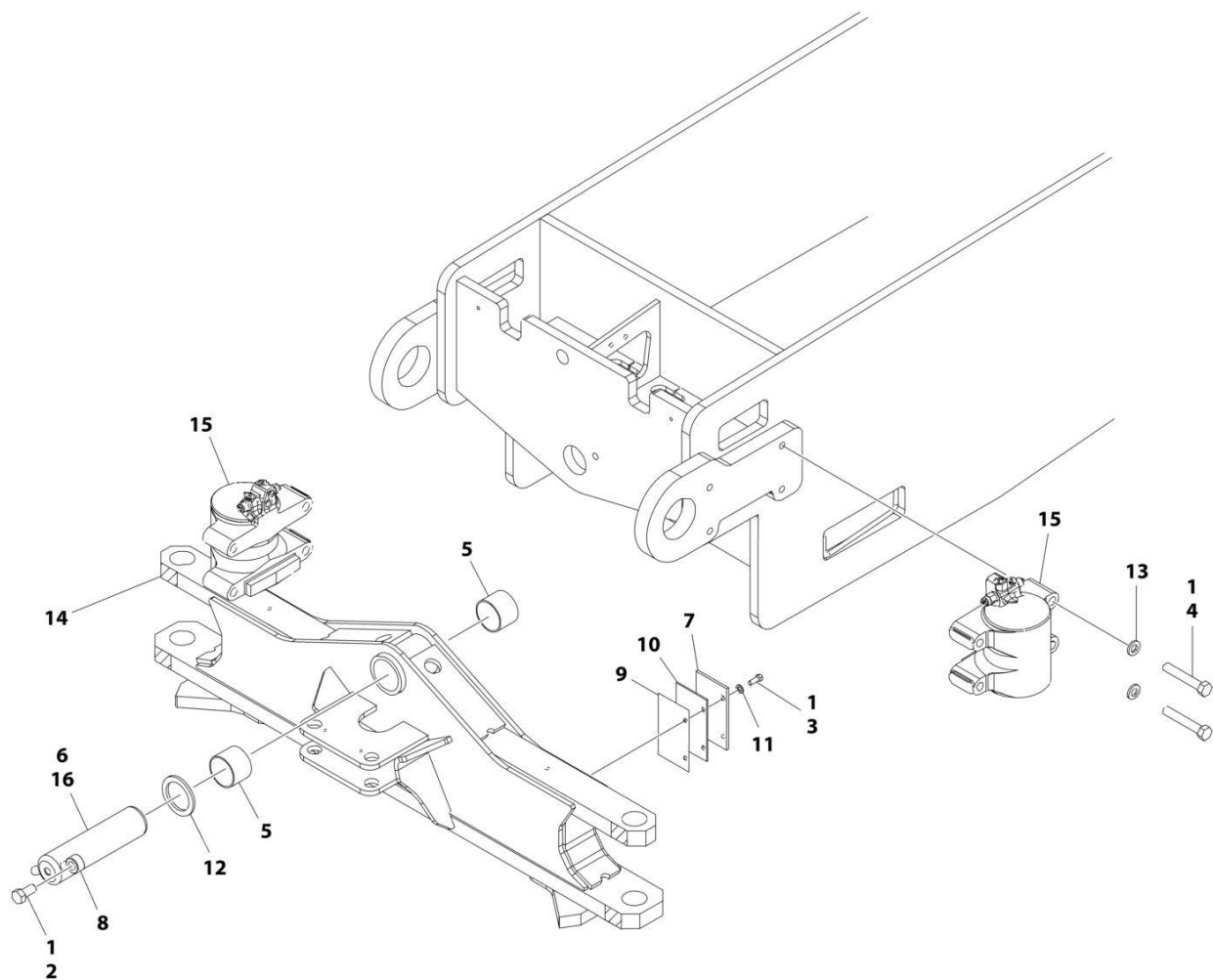
SECTION 1 - FRAME

FIGURE 1-1. AXLE INSTALLATION - WITHOUT TOW PACKAGE

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

SECTION 1 - FRAME

FIGURE 1-2. AXLE INSTALLATION - WITH TOW PACKAGE



ART_1001155194

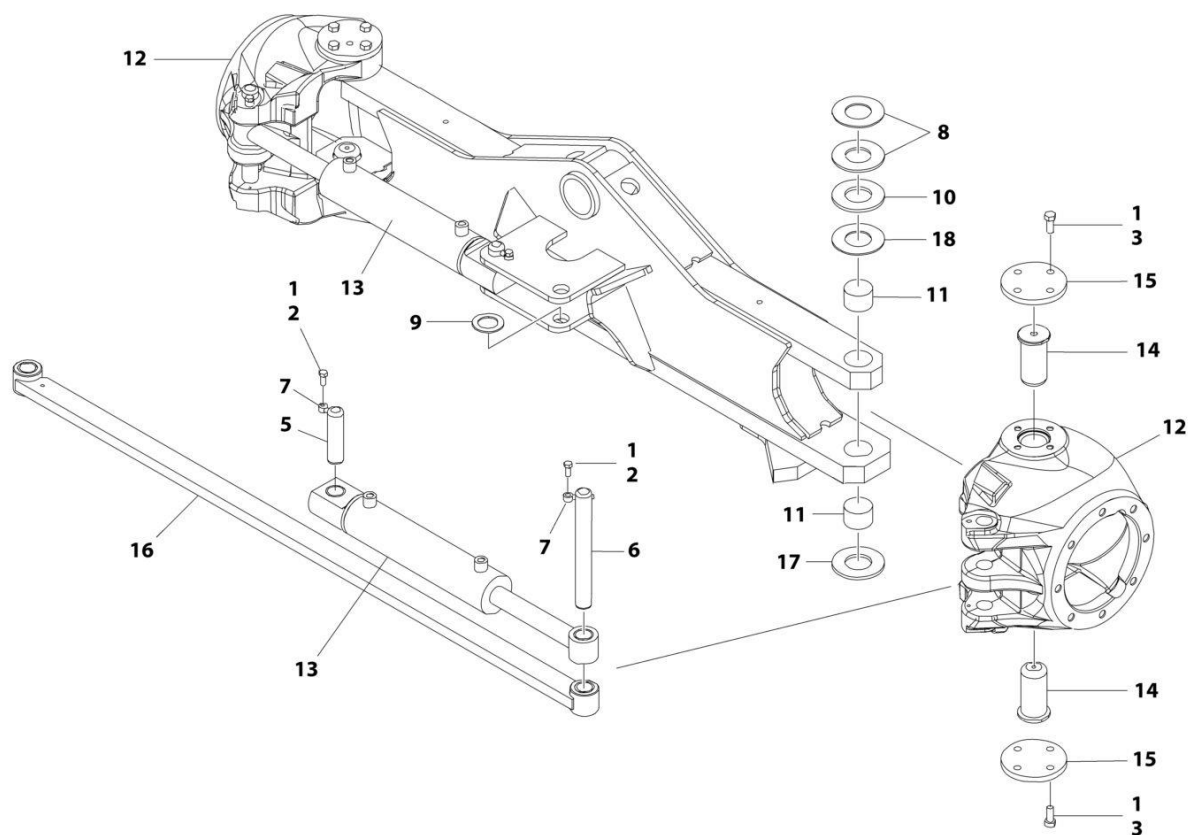
SECTION 1 - FRAME

FIGURE 1-2. AXLE INSTALLATION - WITH TOW PACKAGE

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

SECTION 1 - FRAME

FIGURE 1-3. STEER INSTALLATION - WITHOUT TOW PACKAGE



ART_1001151034

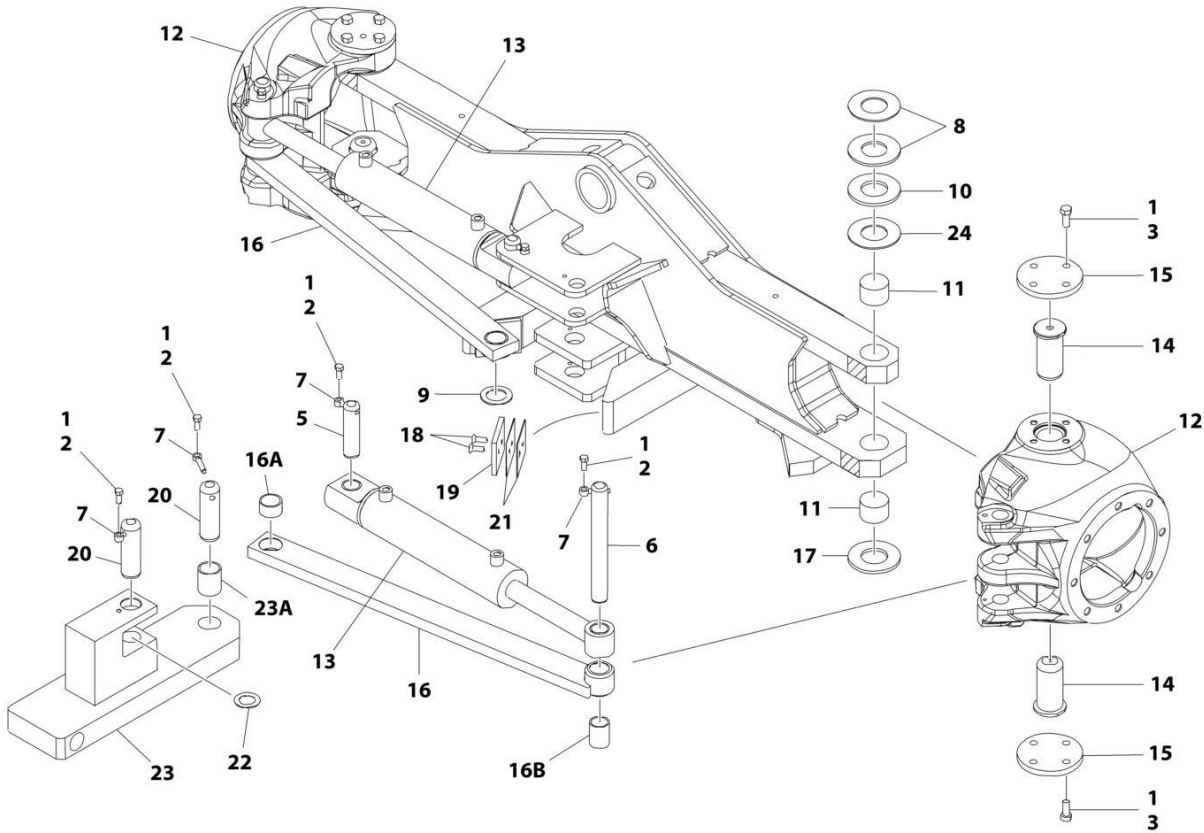
SECTION 1 - FRAME

FIGURE 1-3. STEER INSTALLATION - WITHOUT TOW PACKAGE

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

SECTION 1 - FRAME

FIGURE 1-4. STEER INSTALLATION - WITH TOW PACKAGE



ART_1001155192

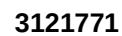
SECTION 1 - FRAME

FIGURE 1-4. STEER INSTALLATION - WITH TOW PACKAGE

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

22

H800AJ



ART_1001157016

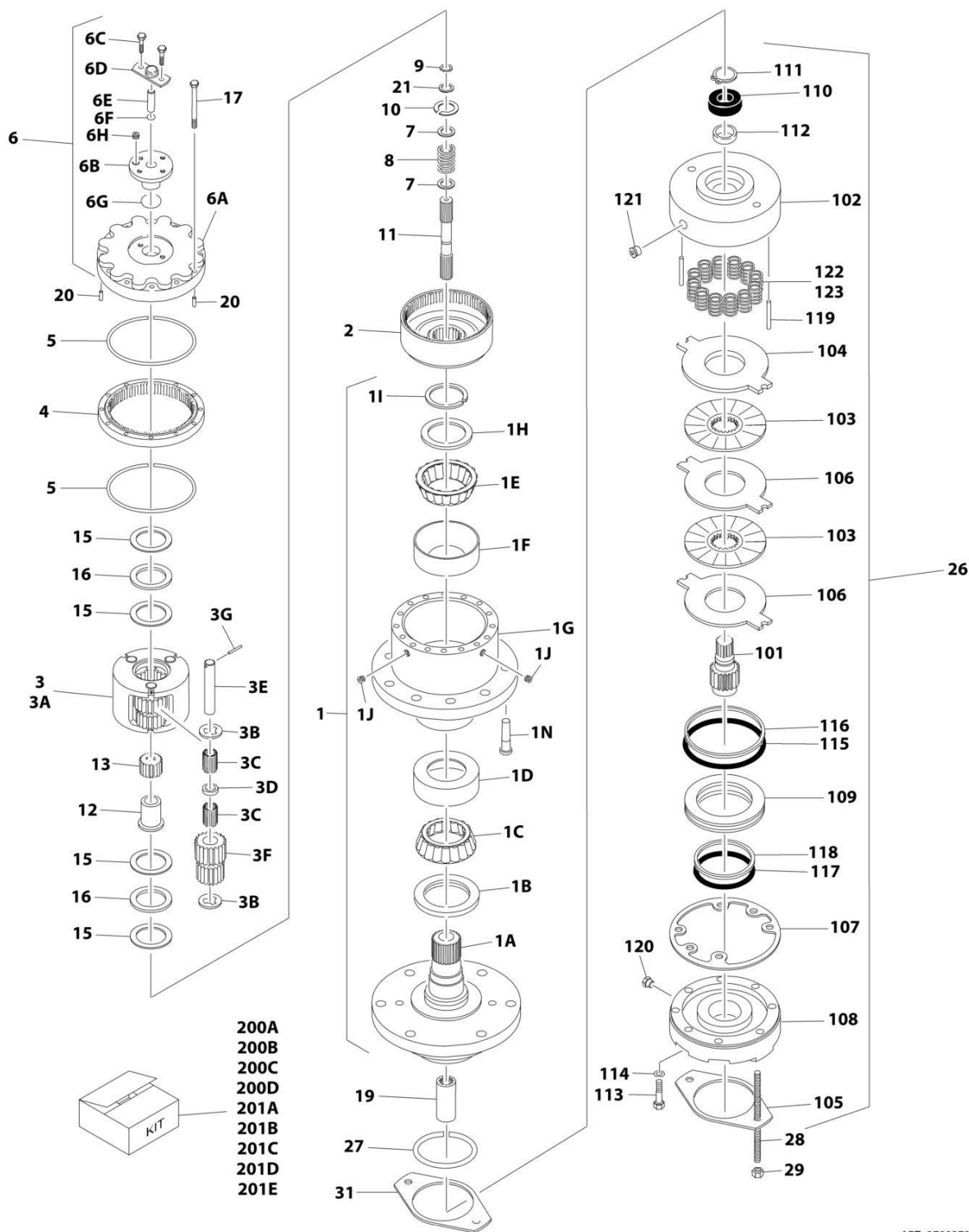
SECTION 1 - FRAME

FIGURE 1-5. WHEEL DRIVE AND FRAME VALVES INSTALLATION

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

SECTION 1 - FRAME

FIGURE 1-6. DRIVE HUB/BRAKE ASSEMBLY (Prior to SN 0300247156)



ART_2780272

SECTION 1 - FRAME

FIGURE 1-6. DRIVE HUB/BRAKE ASSEMBLY (Prior to SN 0300247156)

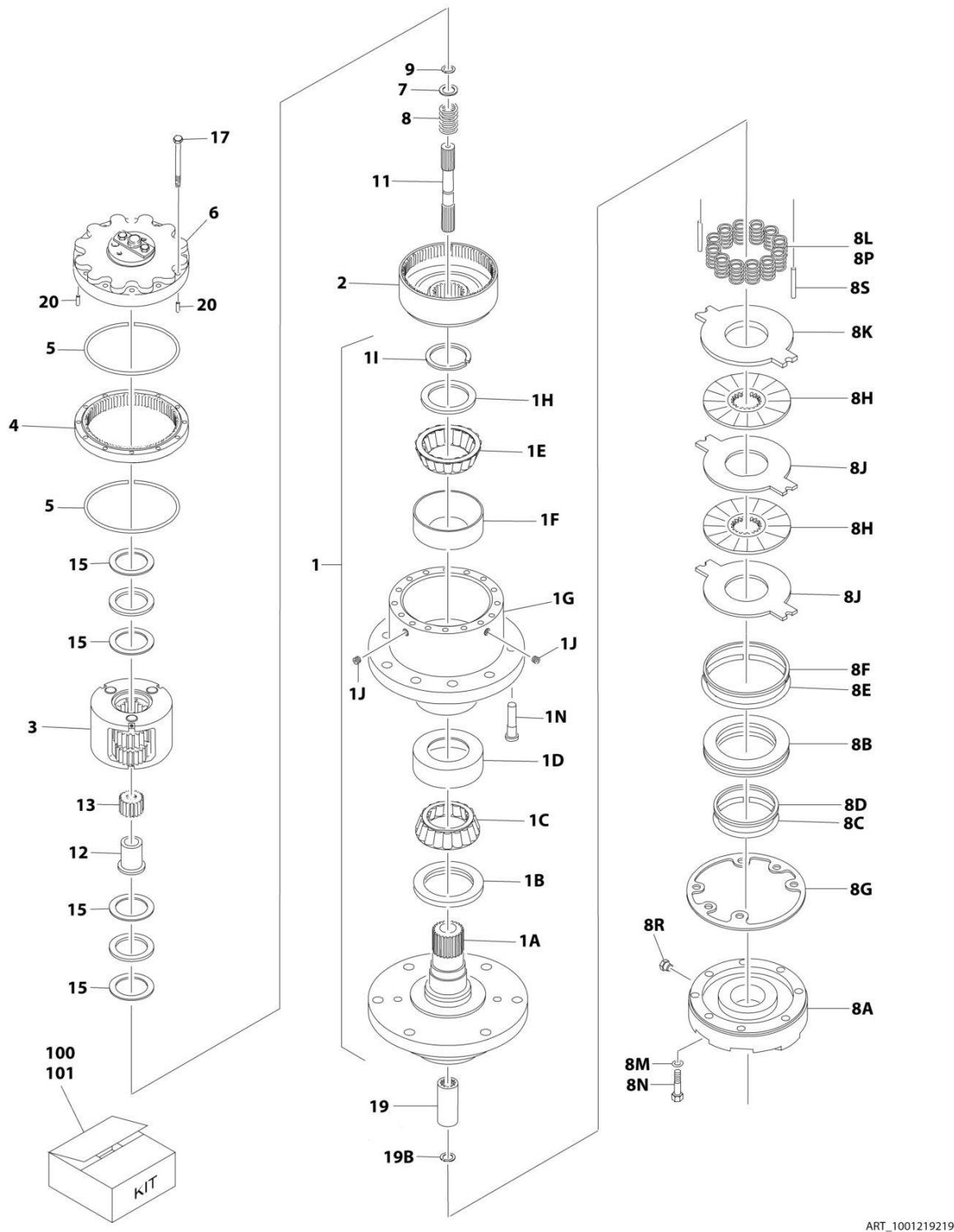
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2780272	Ref	DRIVE HUB/BRAKE ASSEMBLY	F
	2780227	Ref	Hub Assembly	B
1	See Note	1	Spindle/Housing Assembly (Note: Not Available - Purchase Individual Components)	
1A	7010464	1	Spindle	
1B	7000236	1	Seal	
1C	7000273	1	Cone, Bearing	
1D	7000272	1	Cup, Bearing	
1E	7000275	1	Cone, Bearing	
1F	7000274	1	Cup, Bearing	
1G	7017033	1	Housing	
1H	7000239	1	Washer, Thrust	
1I	7000240	1	Ring, Retaining	
1J	7001928	1	Plug, Pipe	
1N	7000265	10	Stud, Wheel	
2	7024782	1	Gear, Ring	
3	See Note	1	Carrier Assembly (Note: Not Available - Purchase Individual Components)	
3A	7024147	1	Carrier	
3B	7001901	6	Washer, Thrust, Tanged	
3C	7001902	96	Bearing, Needle	
3D	7001903	3	Spacer, Thrust	
3E	7024146	3	Shaft, Planet	
3F	7024148	3	Gear, Cluster	
3G	7001906	3	Roll Pin	
4	7024151	1	Gear, Internal	
5	7000224	1	O-Ring	
6	See Note	1	Cover Assembly (Note: Not Available - Purchase Individual Components)	
6A	7024155	1	Cover	
6B	7024783	1	Cap	
6C	7000220	4	Bolt 1/4 x 3/4	
6D	7000231	1	Cap, Disengage	
6E	7000235	1	Rod, Disengage	
6F	7000213	1	O-Ring	
6G	7000238	1	O-Ring	
6H	7017048	1	Plug, Pipe	
7	7000282	2	Washer, Thrust	
8	7000283	1	Spring	
9	7000284	1	Ring, Retaining	
10	7017027	1	Ring, Retaining	
11	7024781	1	Shaft, Input	
12	7024154	1	Spacer, Input	
13	7024149	1	Gear, Sun	
15	7000287	4	Washer, Thrust	
16	7000288	2	Washer, Thrust	
17	7000289	12	Bolt 3/8 x 2-1/2 Grade 8	
19	7000290	1	Coupling	
20	7017047	2	Pin, Dowel	
21	7017050	1	Washer, Thrust	

SECTION 1 - FRAME

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
26	7024182	1	Brake Assembly (Includes Items 101-123)	
27	7024763	2	O-Ring	
28	7024717	2	Stud 1/2 x 4-5/8	
29	7024718	2	Nut 1/2	
31	70005483	1	Gasket	
	7024182	Ref	BRAKE ASSEMBLY	
101	7024189	1	Shaft	
102	See Note	NSS	Housing (Note: Not Available - Purchase Complete Assembly)	
103	See Note	NSS	Plate, Friction (Note: Use Item 201C)	
104	See Note	NSS	Plate, Pressure (Note: Use Item 201C)	
105	7000731	1	Gasket	
106	See Note	NSS	Plate, Outer (Note: Use Item 201C)	
107	See Note	NSS	Gasket (Note: Use Item 200B, 201C or 201D)	
108	7024191	1	Cylinder	
109	7024192	1	Piston	
110	See Note	NSS	Bearing, Ball (Note: Use Item 201D)	
111	See Note	NSS	Ring, Retaining (Note: Use Item 201D)	
112	See Note	NSS	Seal, Shaft (Note: Use Item 201D)	
113	See Note	NSS	Capscrew (Note: Not Available for Purchase)	
114	See Note	NSS	Washer, Lock (Note: Not Available for Purchase)	
115	See Note	NSS	O-Ring (Note: Use Item 200B)	
116	See Note	NSS	Ring, Back-up (Note: Use Item 200B)	
117	See Note	NSS	O-Ring (Note: Use Item 200B)	
118	See Note	NSS	Ring, Back-up (Note: Use Item 200B)	
119	7024190	2	Pin, Dowel	
120	See Note	NSS	Plug (Note: Not Available for Purchase)	
121	See Note	NSS	Plug (Note: Not Available for Purchase)	
122	See Note	NSS	Spring Kit (Natural) (Note: Use Item 201B)	
123	See Note	NSS	Spring Kit (Blue) (Note: Use Item 201B)	
		Ref	KIT OPTIONS:	
200A	7017068	1	Seal Kit - Hub (Includes Items 1B, 1I, 5, 6F, 6G, 15 & 16)	
200B	7024194	1	Seal Kit - 7024182 Brake (Includes Items 105, 107 & 115-118)	
200C	70006431	1	Seal Kit - Hub (Includes Items 1B, 1I, 5, 6F & 17)	
200D	70006430	1	Seal & Bearing Kit - Hub (Includes Items 1B, 1C, 1D, 1E, 1F 1I, 5, 6F & 17)	
201A	7024195	NLA	Spring Kit - 7024182 Brake (Includes 12 Natural Colored Springs) (Note: Use p/n 7024196)	
201B	7024196	1	Spring Kit - 7024182 Brake (Includes 12 Natural & 2 Blue Colored Springs)	
201C	7024193	1	Friction Disc Kit - 7024182 Brake (Includes Items 103, 104, 106 & 107)	
201D	7024197	1	Bearing Kit - 7024182 Brake (Includes Items 107 & 110-112)	
201E	70003798	1	Bearing Kit - Hub (Includes Items 1C, 1D, 1E & 1F)	

SECTION 1 - FRAME

FIGURE 1-7. DRIVE HUB/BRAKE ASSEMBLY (SN 0300247156 through 0300270863)



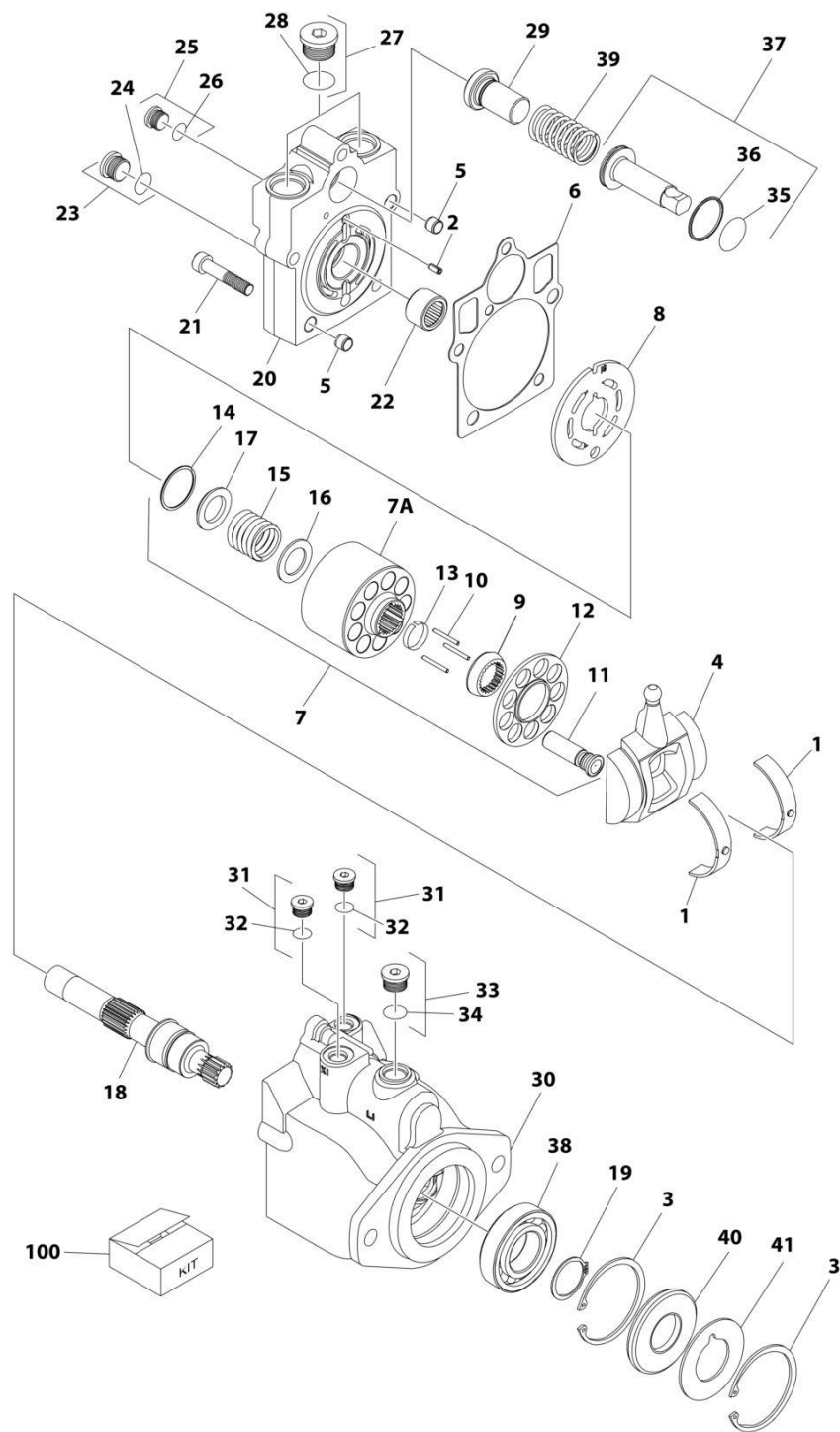
SECTION 1 - FRAME

FIGURE 1-7. DRIVE HUB/BRAKE ASSEMBLY (SN 0300247156 through 0300270863)

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

SECTION 1 - FRAME

FIGURE 1-8. DRIVE MOTOR ASSEMBLY



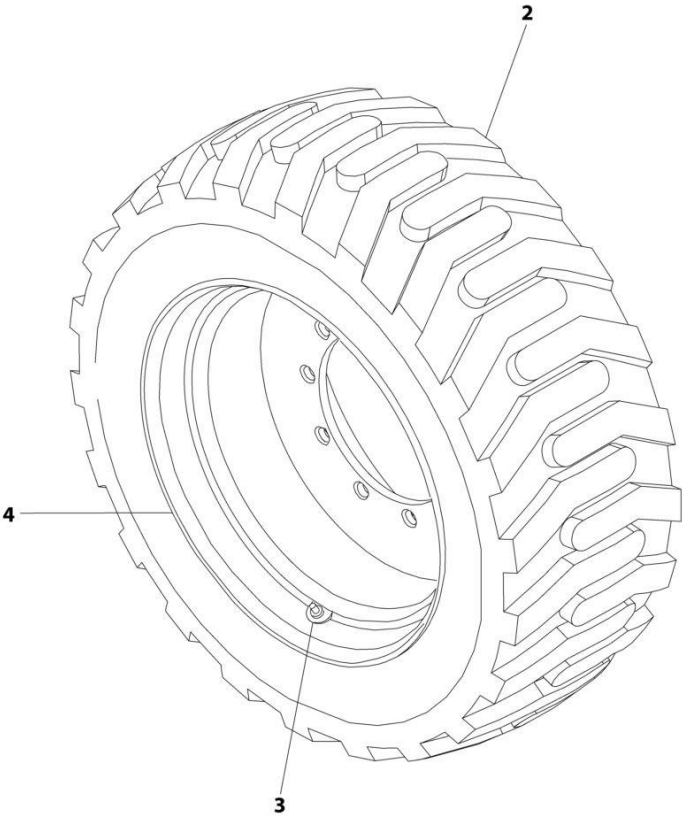
ART_3160348

FIGURE 1-8. DRIVE MOTOR ASSEMBLY

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

SECTION 1 - FRAME

FIGURE 1-9. TIRE & WHEEL INSTALLATION - 15-625 NHS FOAM-FILLED



ART_0270886

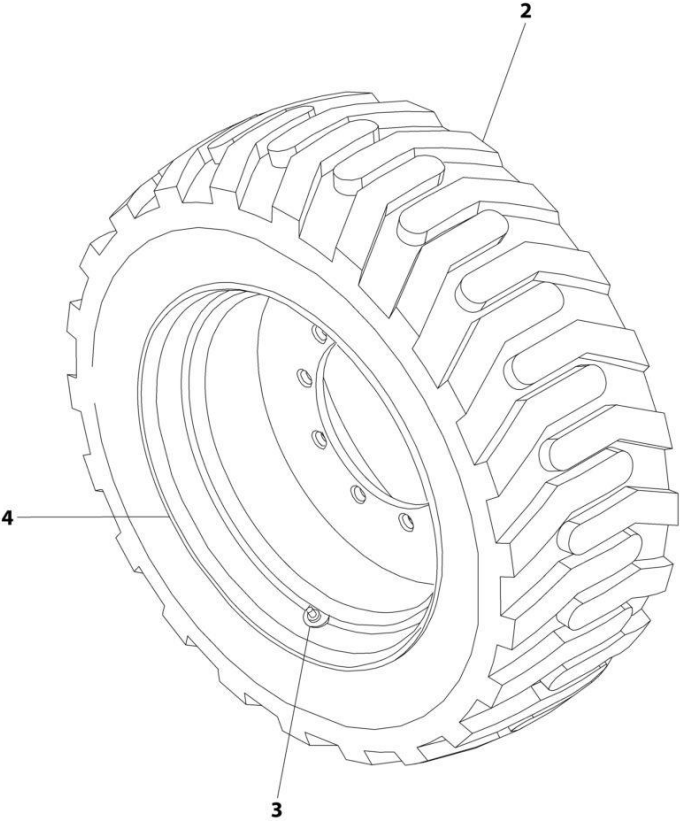
SECTION 1 - FRAME

FIGURE 1-9. TIRE & WHEEL INSTALLATION - 15-625 NHS FOAM-FILLED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270886	Ref	TIRE AND WHEEL INSTALLATION	D
	0271085	2	Tire and Wheel Assembly - 15-625 NHS Foam-Filled LH Side	I
	0271086	2	Tire and Wheel Assembly - 15-625 NHS Foam-Filled RH Side	I
		Ref	Note: Assemblies may require ballast/foam filling to manufacturer's specifications prior to installing on a machine. Refer to Operation and Safety or Service and Maintenance Manuals.	
		Ref	Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly.	
2	4520252	1	Tire 15-625	
3	4641122	1	Valve, Air	
4	4860224	1	Rim, Wheel - 13 x 24.5 Rim	

SECTION 1 - FRAME

FIGURE 1-10. TIRE AND WHEEL INSTALLATION - 18-625 NHS FOAM-FILLED



ART_0270888

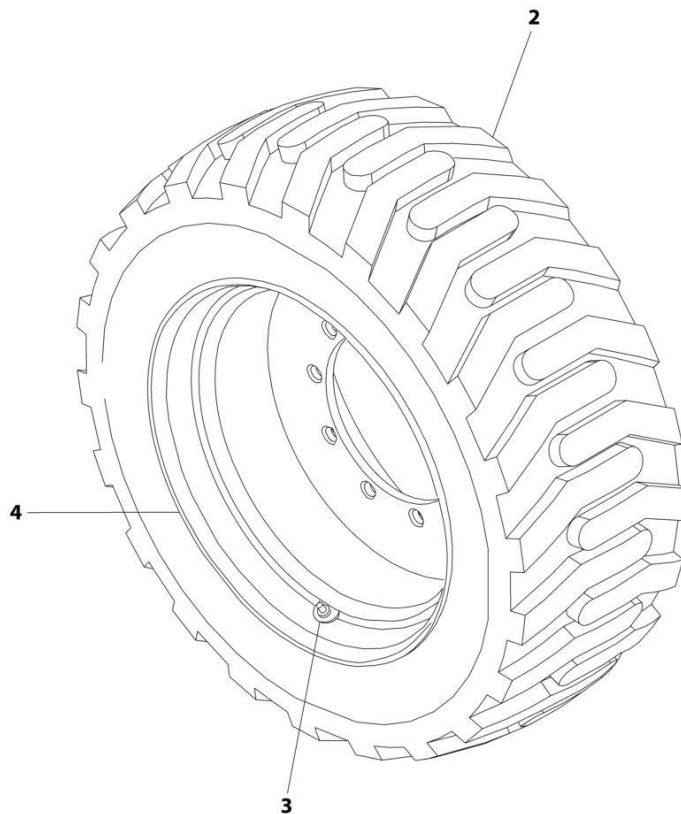
SECTION 1 - FRAME

FIGURE 1-10. TIRE AND WHEEL INSTALLATION - 18-625 NHS FOAM-FILLED

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

SECTION 1 - FRAME

FIGURE 1-11. TIRE AND WHEEL INSTALLATION - 18-625 NHS FOAM-FILLED NON-MARKING (Prior to SN 0300247156)



ART_1001169757

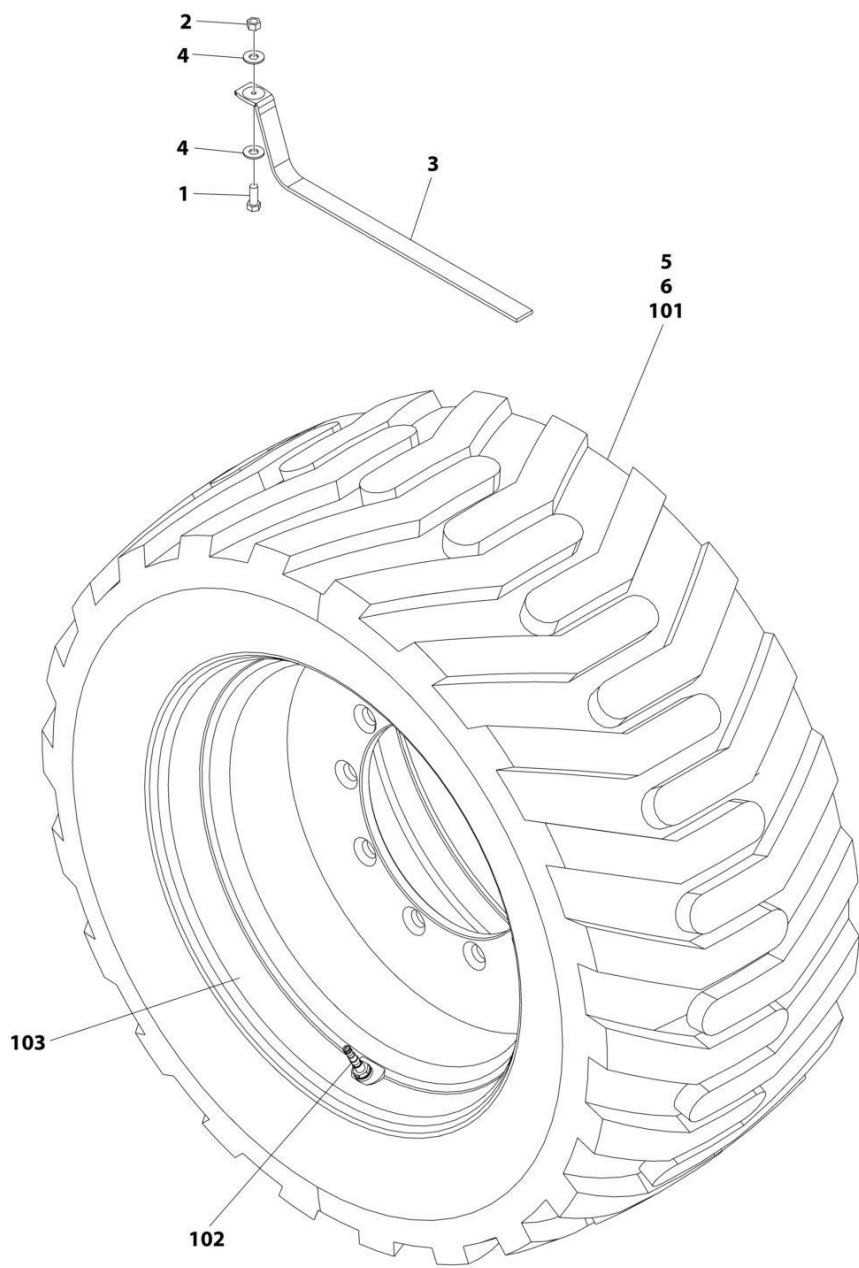
SECTION 1 - FRAME

FIGURE 1-11. TIRE AND WHEEL INSTALLATION - 18-625 NHS FOAM-FILLED NON-MARKING (Prior to SN 0300247156)

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

SECTION 1 - FRAME

FIGURE 1-12. TIRE AND WHEEL INSTALLATION - 18-625 NHS FOAM-FILLED NON-MARKING (SN 0300247156 through 0300270863)



ART_1001236435

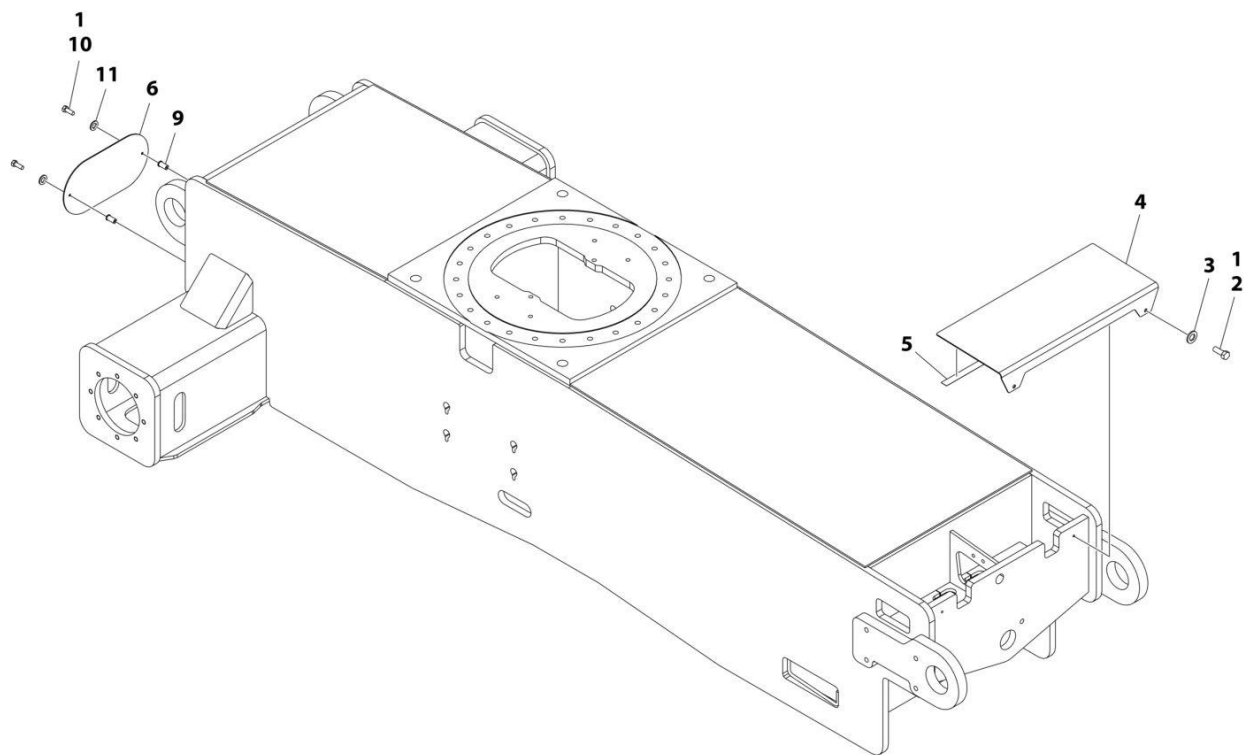
SECTION 1 - FRAME

FIGURE 1-12. TIRE AND WHEEL INSTALLATION - 18-625 NHS FOAM-FILLED NON-MARKING (SN 0300247156 through 0300270863)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236435	Ref	TIRE AND WHEEL INSTALLATION	A
1	0641608	1	Bolt 3/8 x 1	
2	3311605	1	Nut 3/8	
3	4240084	1	Strap, Anti-Static	
4	4751600	2	Washer 3/8	
5	1001169755	2	Tire and Wheel Assembly - 18-625 NHS Foam-Filled Non-Marking LH Side	D
6	1001169756	2	Tire and Wheel Assembly - 18-625 NHS Foam-Filled Non-Marking RH Side	D
		Ref	Note: Assemblies may require ballast/foam filling to manufacturer's specifications prior to installing on a machine. Refer to Operation and Safety or Service and Maintenance Manuals.	
		Ref	Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly.	
101	1001169754	1	Tire 18-625 Non-Marking	
102	4641122	1	Valve, Air	
103	4860225	1	Rim, Wheel - 15 x 24.5 Rim	

SECTION 1 - FRAME

FIGURE 1-13. FRAME SHIELDS INSTALLATION



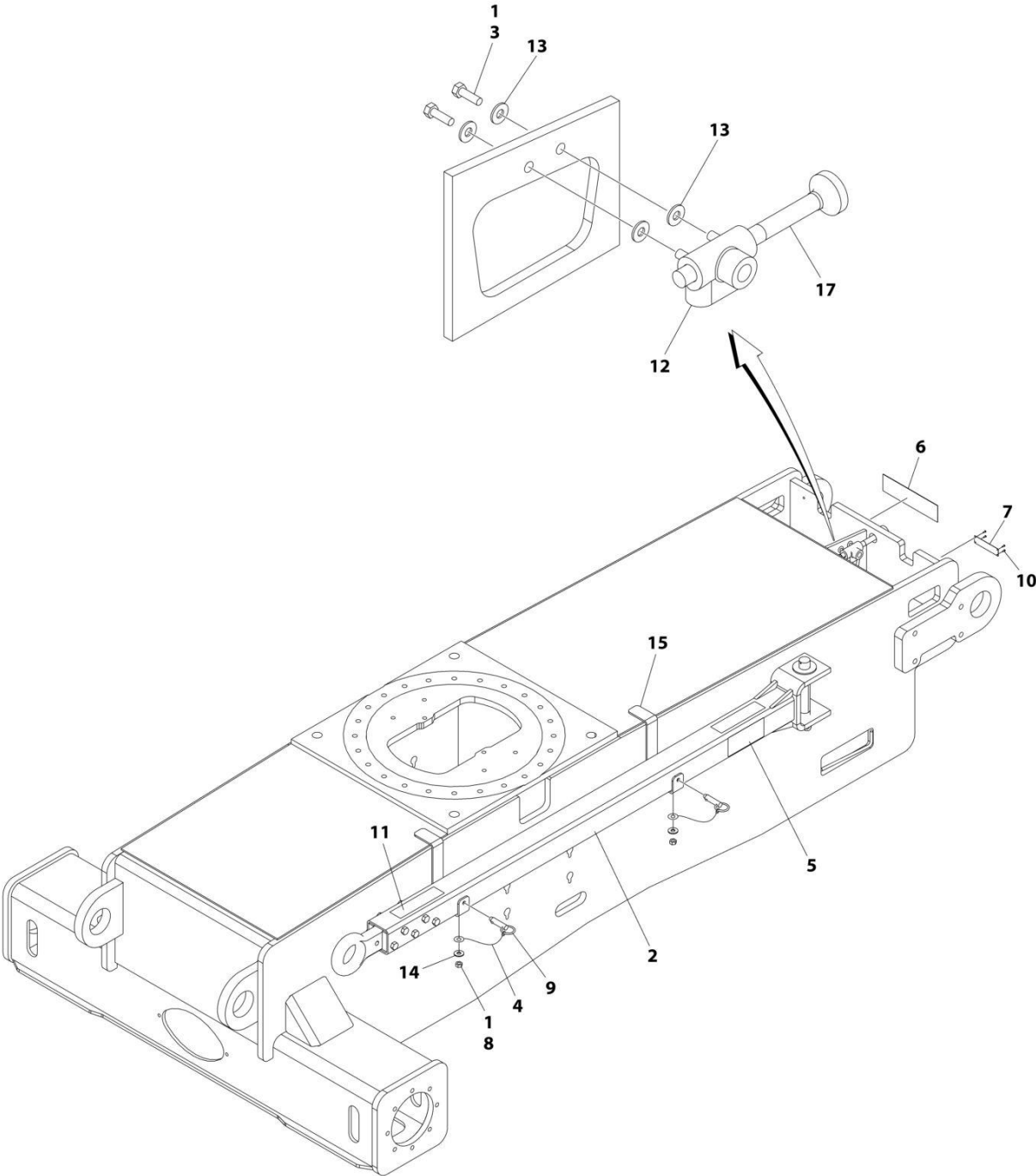
ART_1001158203

FIGURE 1-13. FRAME SHIELDS INSTALLATION

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

SECTION 1 - FRAME

FIGURE 1-14. TOW PACKAGE INSTALLATION (OPTIONAL) (ANSI, ANSI EXPORT AND CHINA SPECS)



ART_1001158258

SECTION 1 - FRAME

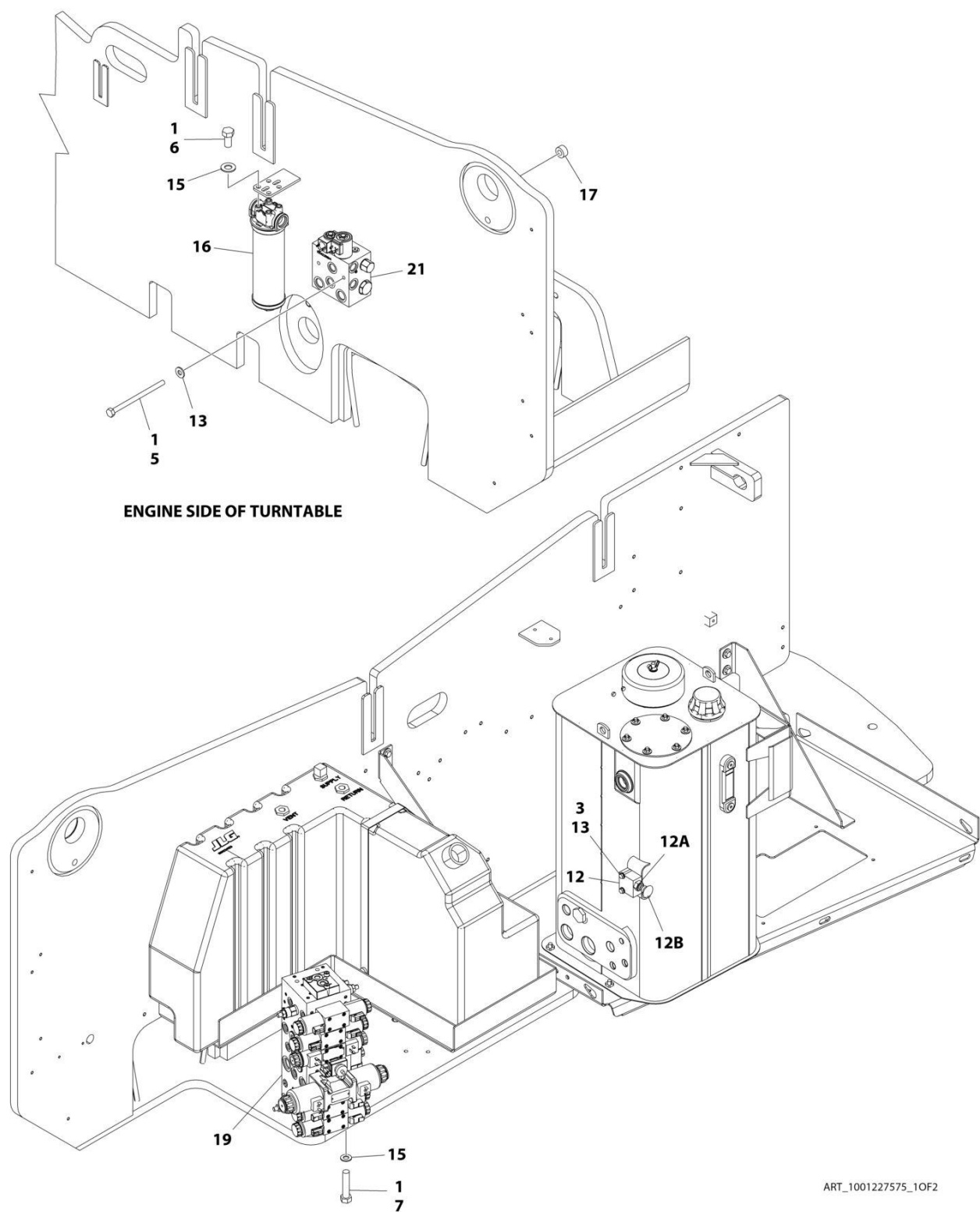
FIGURE 1-14. TOW PACKAGE INSTALLATION (OPTIONAL) (ANSI, ANSI EXPORT AND CHINA SPECS)

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

SECTION 2 - TURNTABLE

SECTION 2 - TURNTABLE

FIGURE 2-1. VALVES INSTALLATION - WITHOUT LSS



ART_1001227575_1OF2

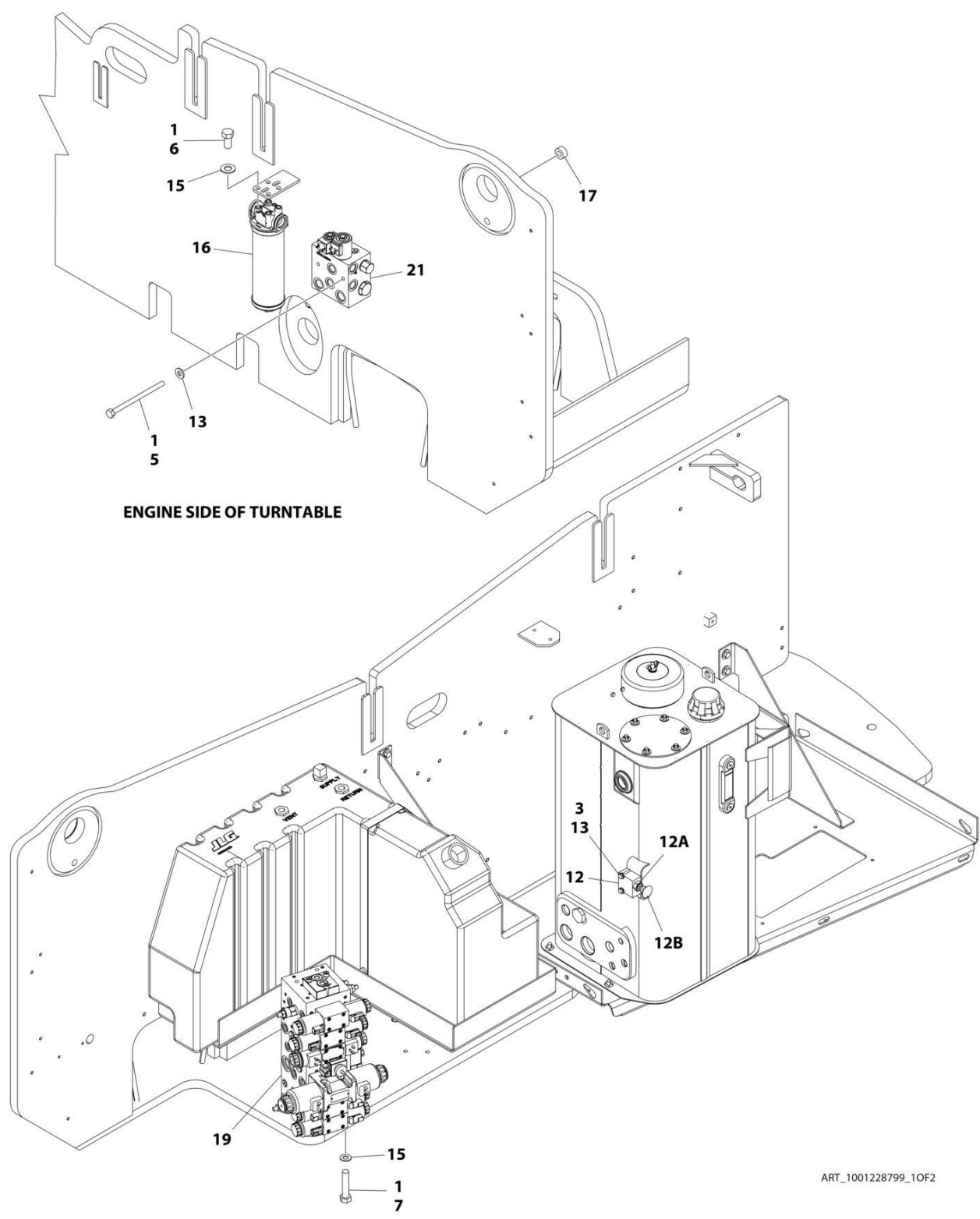
SECTION 2 - TURNTABLE

FIGURE 2-1. VALVES INSTALLATION - WITHOUT LSS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227575	Ref	VALVES INSTALLATION	B
1	0100011	AR	Compound, Locking	
3	0641414	2	Bolt 1/4 x 1-3/4	
5	0641432	2	Bolt 1/4 x 4	
6	0641606	4	Bolt 3/8 x 3/4	
7	0641614	3	Bolt 3/8 x 1-3/4	
12	4640866	1	Level Valve Assembly	
12A	7017466	1	Cartridge	
12A	2900708	1	Seal Kit	
12B	7012959	1	Knob	
13	4711400	8	Washer 1/4	
15	4711600	9	Washer 3/8	
16	1001108617	1	Pressure Filter Assembly	
16	70002231	1	Element, Filter	
17	1001110425	2	Spacer	
19	1001172218	NLA	Main Valve Assembly (Use p/n 1001228170) (See Separate Breakdown in this Section) (Prior to SN 0300247156)	
19	1001228170	1	Main Valve Assembly (See Separate Breakdown in this Section) (SN 0300247156 through 0300270863)	
21	1001226814	1	Brake/2 Speed Valve Assembly (See Separate Breakdown in this Section)	

SECTION 2 - TURNTABLE

FIGURE 2-2. VALVES INSTALLATION - WITH LSS



ART_1001228799_1OF2

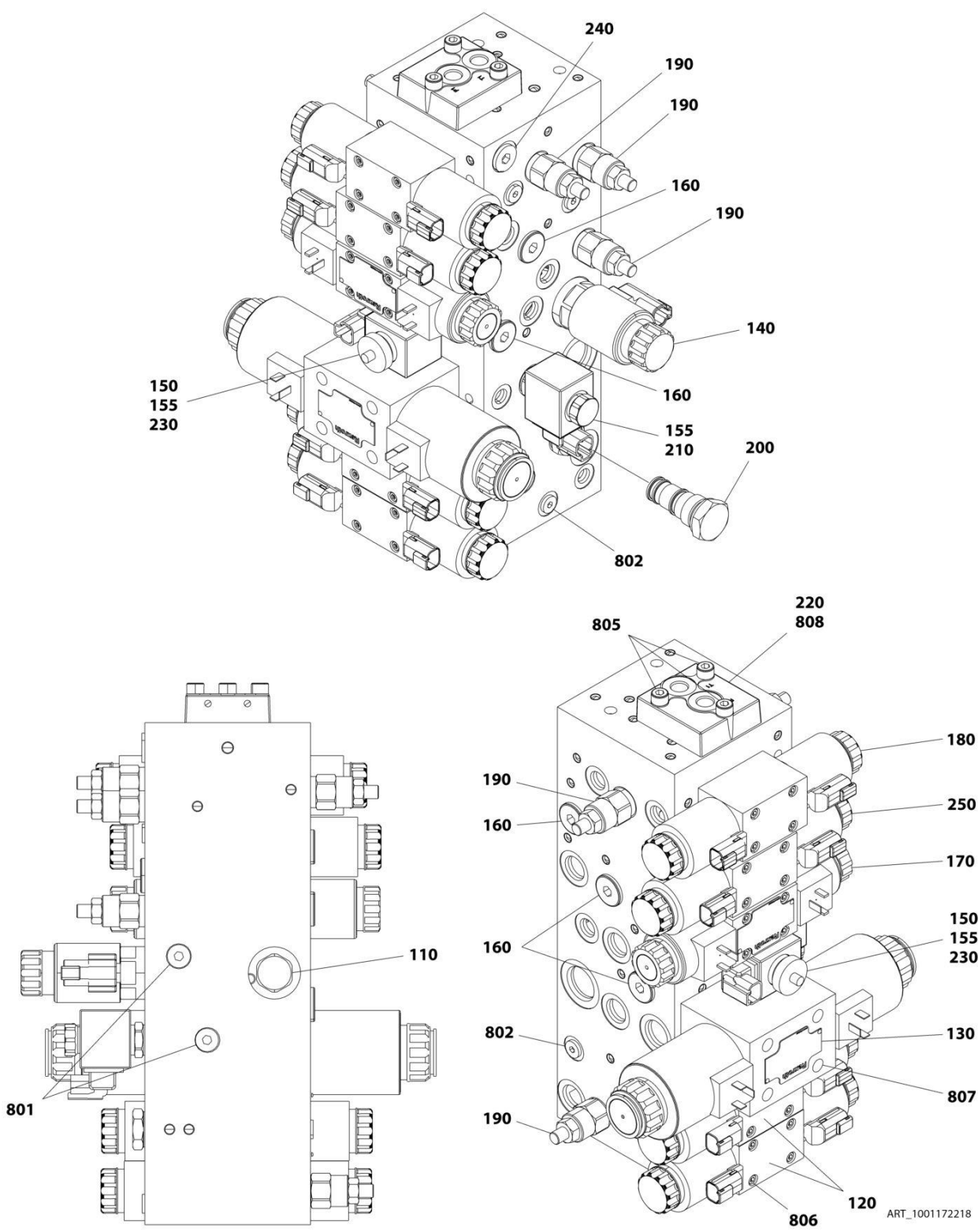
SECTION 2 - TURNTABLE

FIGURE 2-2. VALVES INSTALLATION - WITH LSS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228799	Ref	VALVES INSTALLATION	B
1	0100011	AR	Compound, Locking	
3	0641414	2	Bolt 1/4 x 1-3/4	
5	0641432	2	Bolt 1/4 x 4	
6	0641606	4	Bolt 3/8 x 3/4	
7	0641614	3	Bolt 3/8 x 1-3/4	
12	4640866	1	Level Valve Assembly	
12A	7017466	1	Cartridge	
12A	2900708	1	Seal Kit	
12B	7012959	1	Knob	
13	4711400	8	Washer 1/4	
15	4711600	9	Washer 3/8	
16	1001108617	1	Pressure Filter Assembly	
16	70002231	1	Element, Filter	
17	1001110425	2	Spacer	
19	1001172218	NLA	Main Valve Assembly (Use p/n 1001228170) (See Separate Breakdown in this Section) (Prior to SN 0300247156)	
19	1001228170	1	Main Valve Assembly (See Separate Breakdown in this Section) (SN 0300247156 through 0300270863)	
21	1001226814	1	Brake/2 Speed Valve Assembly (See Separate Breakdown in this Section)	

SECTION 2 - TURNTABLE

FIGURE 2-3. MAIN VALVE ASSEMBLY (Prior to SN 0300247156)



SECTION 2 - TURNTABLE

FIGURE 2-3. MAIN VALVE ASSEMBLY (Prior to SN 0300247156)

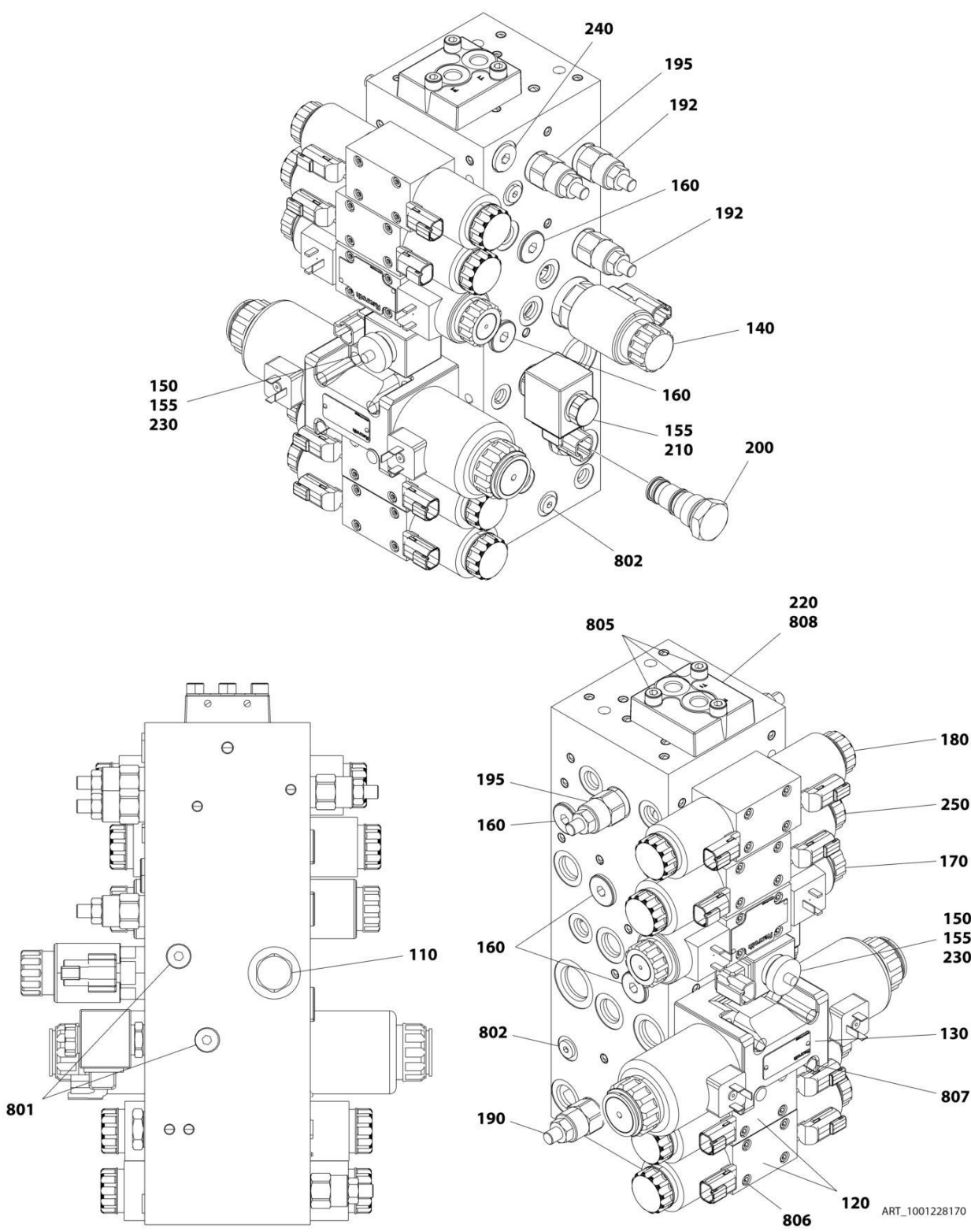
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172218	Ref	MAIN VALVE ASSEMBLY	C
110	70005194	1	Valve, Check Cartridge	
110	70004584	1	Seal Kit - 70005194 Valve	
120	70004459	2	Valve Assembly (Tower Tele and Tower Lift)	
120	7012773	2	Seal Kit - 70004459 Valve	
120	70004460	4	Coil	
120	7021375	4	Nut, Coil	
120	70004461	4	O-Ring, Pole Tube	
130	70000579	1	Valve Assembly (Upper Tele)	
130	70000583	1	Seal Kit - 70000579 Valve	
130	70000582	2	Coil	
130	70000580	2	Nut, Coil	
130	7021363	2	O-Ring, Pole Tube	
140	70004657	1	Valve, Cartridge (Flow Control)	
140	70004594	1	Seal Kit - 70004657 Valve	
140	70004595	1	Coil	
140	70004596	1	O-Ring, Pole Tube	
140	70004597	1	Nut, Coil	
150	70004598	1	Valve, Cartridge Less Coil (Steer Dump)	
150	70004055	1	Seal Kit - 70004598 Valve	
155	70004653	2	Coil	
155	70004051	2	Nut, Coil	
160	70023859	5	Valve, Shuffle Cartridge	
160	70023860	5	Seal Kit - 70023859 Valve	
170	7018992	1	Valve Assembly (Upper Lift)	
170	7012773	1	Seal Kit - 7018992 Valve	
170	7018991	2	Coil	
170	7021375	2	Nut, Coil	
170	70004461	2	O-Ring, Pole Tube	
180	70005195	1	Valve Assembly (Front Steer)	
180	7012773	1	Seal Kit - 70005195 Valve	
180	70004463	2	Coil	
180	7021375	2	Nut, Coil	
180	70004461	2	O-Ring, Pole Tube	
190	70003019	5	Valve, Relief Cartridge	
190	70004052	5	Seal Kit - 70003019 Valve	
200	70004665	1	Valve, Check - Catridge	
200	70023862	1	Seal Kit - 70004665 Valve	
210	70004457	1	Valve, Cartridge Less Coil (Main Dump)	
210	70004050	1	Seal Kit - 70004665 Valve	
220	70004667	1	Cover	
230	70005196	1	Orifice .118	
240	70005197	1	Plug (2WS)	
240	70004052	1	Seal Kit - 70005197 Plug	
250	70005198	1	Valve Assembly (Swing)	
250	7012773	1	Seal Kit - 70005198 Valve	
250	70004463	2	Coil	
250	7021375	2	Nut, Coil	
250	70004461	2	O-Ring, Pole Tube	
801	70005199	2	Plug	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
802	70005200	4	Plug	
805	70005201	3	Capscrew	
806	7018942	20	Capscrew	
807	7018951	4	Capscrew	
808	70005202	2	O-Ring	

SECTION 2 - TURNTABLE

FIGURE 2-4. MAIN VALVE ASSEMBLY (SN 0300247156 through 0300270863)



SECTION 2 - TURNTABLE

FIGURE 2-4. MAIN VALVE ASSEMBLY (SN 0300247156 through 0300270863)

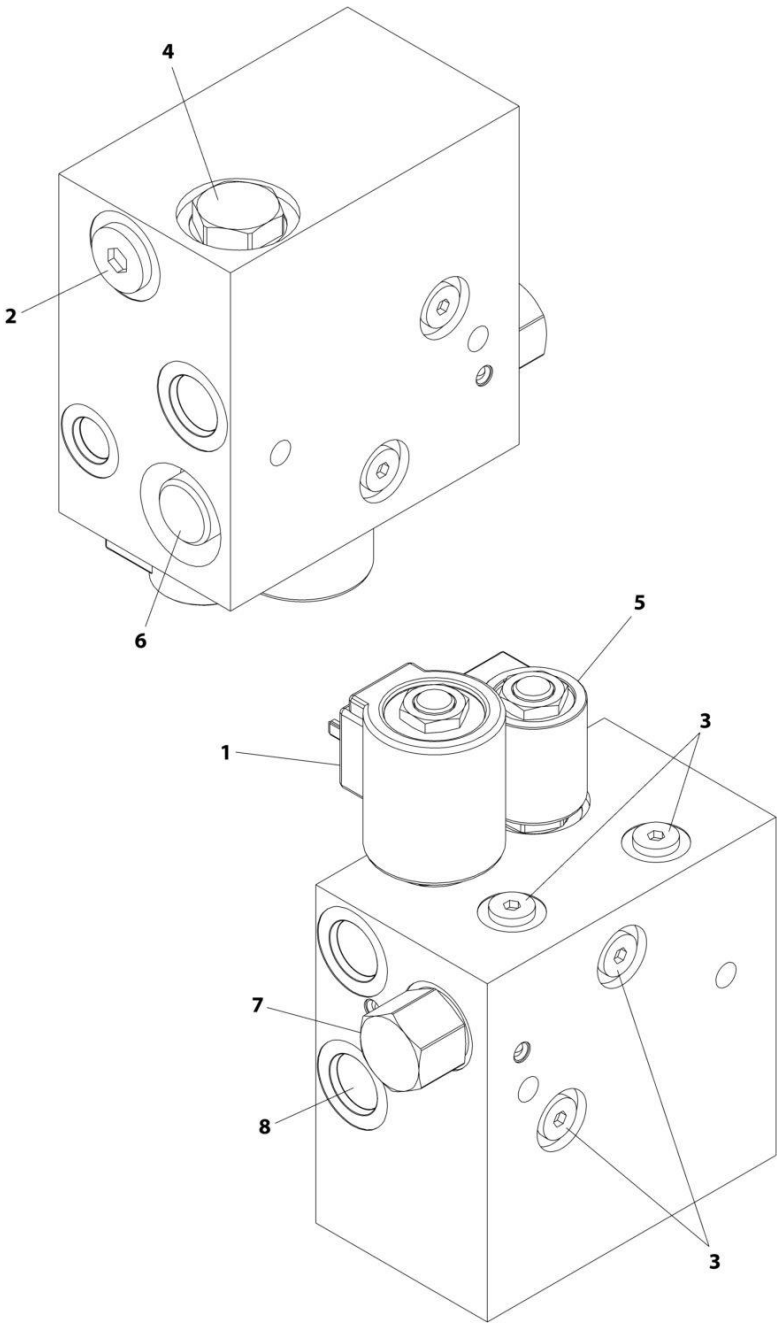
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228170	Ref	MAIN VALVE ASSEMBLY	C
110	70005194	1	Valve, Check Cartridge	
110	70004584	1	Seal Kit - 70005194 Valve	
120	70004459	2	Valve Assembly (Tower Tele and Tower Lift)	
120	7012773	2	Seal Kit - 70004459 Valve	
120	70004460	4	Coil	
120	7021375	4	Nut, Coil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

SECTION 2 - TURNTABLE

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

SECTION 2 - TURNTABLE

FIGURE 2-5. BRAKE/2 SPEED VALVE ASSEMBLY



ART_1001226814

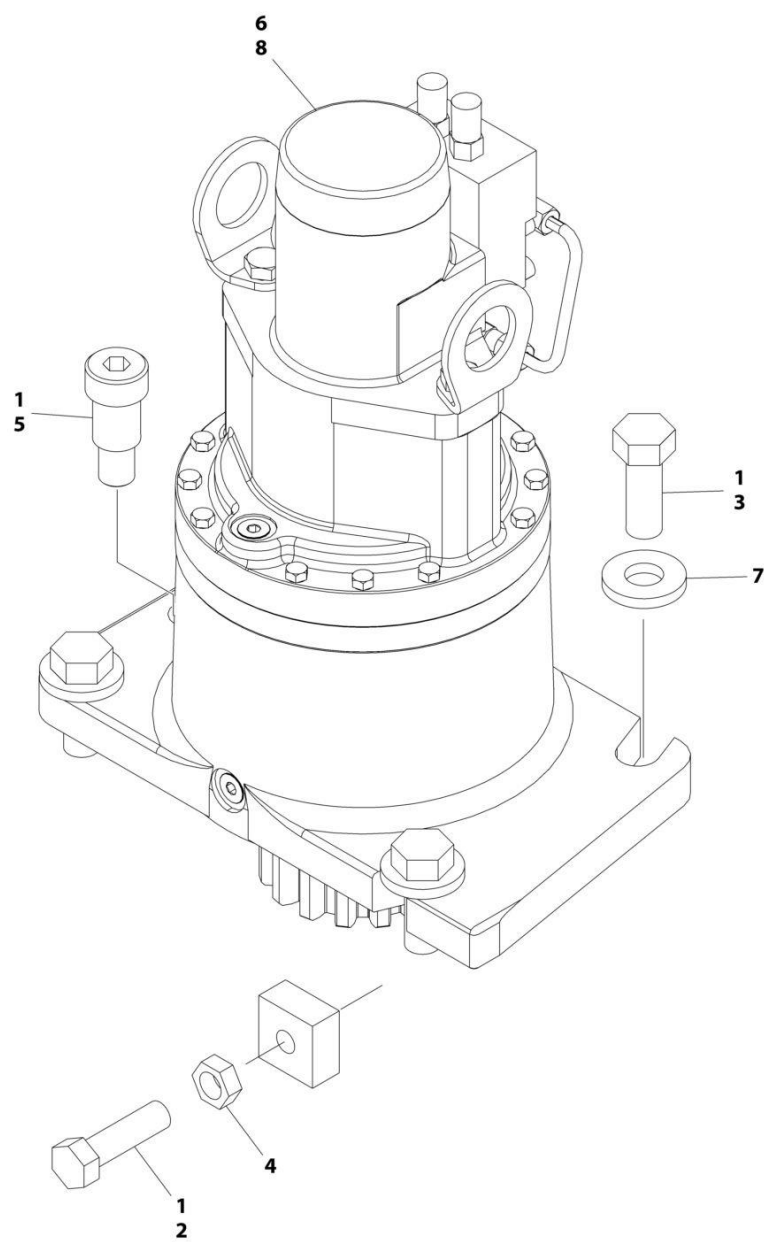
SECTION 2 - TURNTABLE

FIGURE 2-5. BRAKE/2 SPEED VALVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226814	Ref	BRAKE/2 SPEED VALVE ASSEMBLY	E
1	7012995	1	Valve, Cartridge	
1	7012518	1	Seal Kit - 7012995 Valve	
1	7012943	1	Nut, Coil	
2	2220886	1	Plug, O-Ring	
3	2220883	1	Plug, O-Ring	
4	4641192	1	Valve, Cartridge	
4	7017496	1	Seal Kit - 4641192 Valve	
5	7012941	1	Valve, Cartridge	
5	7010543	1	Seal Kit - 7012941 Valve	
5	7012944	1	Nut, Coil	
6	7012989	1	Valve, Cartridge	
6	7012953	1	Seal Kit - 7012989 Valve	
7	7012928	1	Valve, Cartridge	
7	70003649	1	Seal Kit - 7012928 Valve	
8	70003975	1	Plug, Orifice	

SECTION 2 - TURNTABLE

FIGURE 2-6. SWING DRIVE INSTALLATION



ART_1001156136

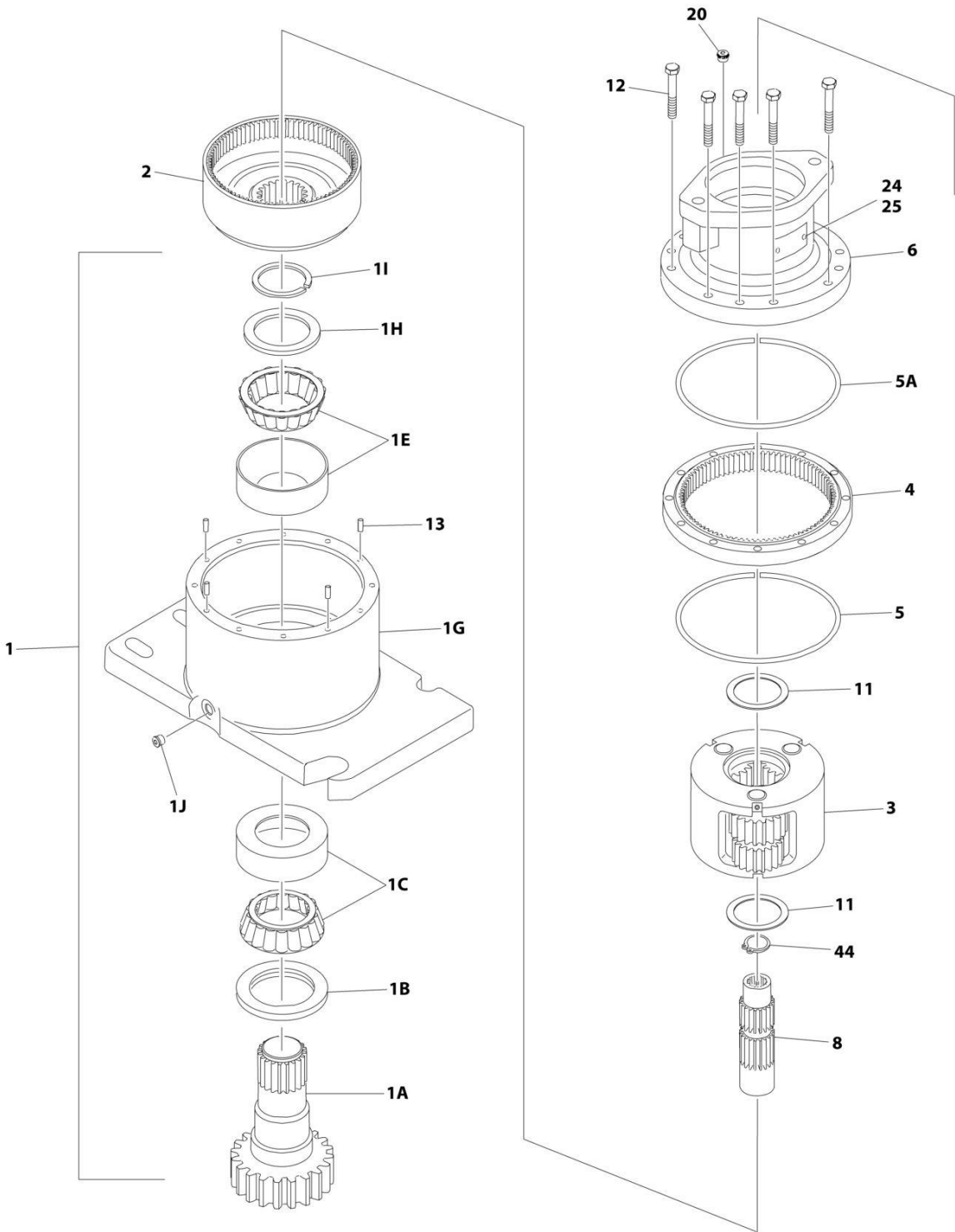
SECTION 2 - TURNTABLE

FIGURE 2-6. SWING DRIVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001156136	Ref	SWING DRIVE INSTALLATION	A
1	0100019	AR	Compound, Locking	
2	0642016	1	Bolt 5/8 x 2-1/4	
3	0682216	4	Bolt 3/4 x 2 Grade 8	
4	3312002	1	Nut 5/8	
5	3900293	1	Screw 1 x 1-1/4	
6	4071009	1	Shim	
7	4740057	4	Washer	
8	1001101060	1	Swing Motor/Hub Assembly (See Separate Breakdown in this Section) (Prior to SN 0300268294)	
8	1001229810	1	Swing Motor/Hub Assembly (See Separate Breakdown in this Section) (SN 0300268294 through 0300270863)	

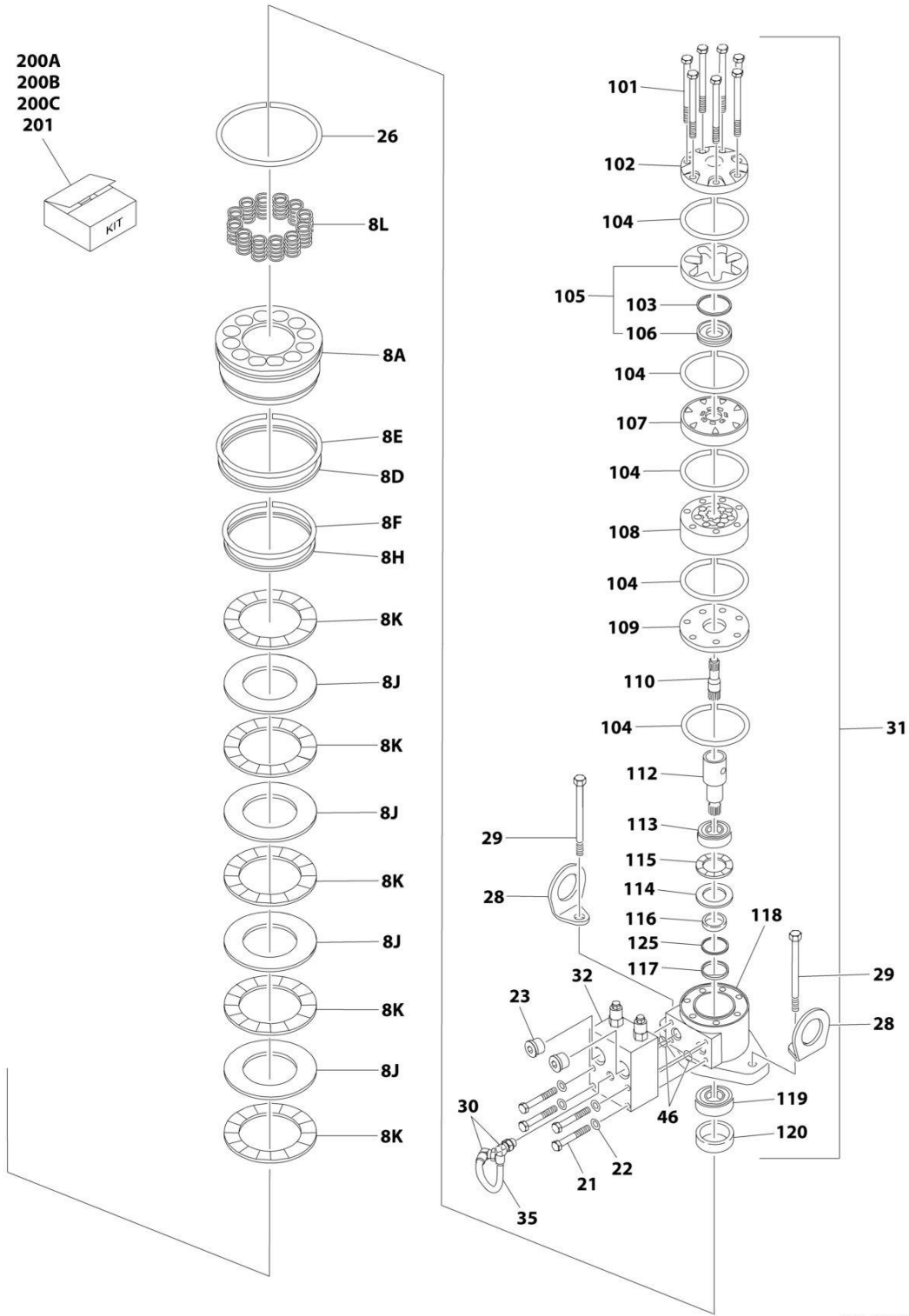
SECTION 2 - TURNTABLE

FIGURE 2-7. SWING MOTOR/HUB ASSEMBLY (Prior to SN 0300268294)



ART_1001101060_10F2

SECTION 2 - TURNTABLE



ART_1001101060_2OF2

SECTION 2 - TURNTABLE

FIGURE 2-7. SWING MOTOR/HUB ASSEMBLY (Prior to SN 0300268294)

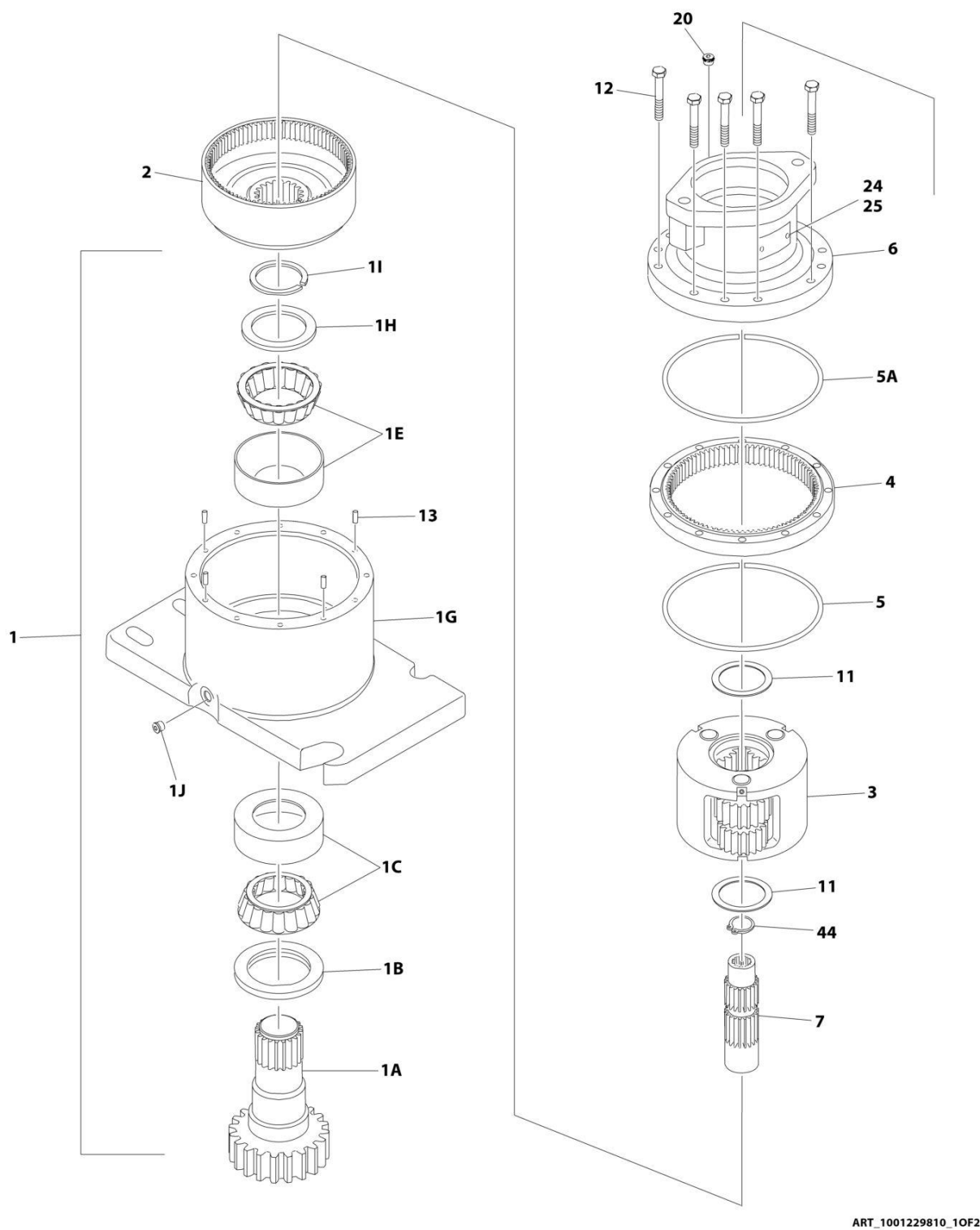
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001101060	Ref	SWING MOTOR/HUB ASSEMBLY	C
1	See Note	1	Housing/Shaft Assembly (Note: Not Available - Purchase Individual Components)	
1A	7010492	1	Shaft, Output	
1B	7000228	1	Seal, Lip	
1C	7000255	1	Bearing Kit (Includes Cup and Cone)	
1E	7000257	1	Bearing Kit (Includes Cup and Cone)	
1G	7024762	1	Housing	
1H	7007633	1	Washer, Thrust	
1I	7000229	1	Ring, Retaining	
1J	7017072	1	Plug, Pipe	
2	7000246	1	Gear, Internal	
3	80424002	1	Carrier Assembly	
4	7000248	1	Gear, Ring	
5	7000230	1	O-Ring	
5A	7017070	1	O-Ring	
6	See Note	NSS	Housing, Brake (Note: Not Available - Purchase Complete Assembly)	
8	70002065	1	Gear, Sun	
8A	70000782	1	Piston	
8D	70002070	1	O-Ring	
8E	70002071	1	Ring, Back-up	
8F	70002073	1	O-Ring	
8H	70002072	1	Ring, Back-up	
8J	70002067	4	Disc, Rotor	
8K	70002068	5	Disc, Stator	
8L	70002066	14	Spring	
11	7000253	2	Washer, Thrust	
12	7000217	12	Bolt 3/8 x 2-1/4 Grade 8	
13	7017080	4	Pin, Dowel	
20	7017072	1	Plug, Pipe	
21	7024704	4	Bolt 5/16 x 2 Grade 8	
22	See Note	NSS	Lockwasher (Note: Not Available for Purchase)	
23	7017023	2	Plug, Pipe	
24	See Note	NSS	Plate, ID (Note: Not Available for Purchase)	
25	7000281	2	Screw, Drive	
26	7024763	1	O-Ring	
28	See Note	NSS	Lug, Lifting (Note: Not Available for Purchase)	
29	70002069	2	Bolt 1/2 x 2 Grade 8	
30	7017085	2	Elbow	
31	70002075	1	Motor Assembly (See Items 101-125 for Breakdown)	
32	7024784	1	Valve Assembly - Complete (No Serviceable Parts)	
35	70002074	1	Tube	
44	7017028	1	Ring, Internal Retaining	
45	7000213	2	O-Ring	
	70002075	Ref	MOTOR ASSEMBLY	
101	7024454	5	Bolt	
102	7004035	1	Cover, End	
103	7023318	1	Seal, Commutator	
104	7004036	5	Seal, Ring	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
105	7024453	1	Commutator and Ring Assembly	
106	See Note	NSS	Ring (Note: Use p/n 7024453)	
107	7024379	1	Manifold	
108	7024455	1	Rotor Set	
109	7024380	1	Plate, Wear	
110	7024456	1	Link, Drive	
112	7024458	1	Shaft, Coupling	
113	7024381	1	Bearing, Inner	
114	7004043	1	Washer, Thrust	
115	7004044	1	Bearing, Thrust	
116	7004049	1	Seal, Inner	
117	7004045	1	Washer, Back-up	
118	7024457	1	Housing	
119	7024390	1	Bearing, Outer	
120	7004047	1	Seal	
125	80424043	1	Washer, Back-up	
		Ref	KIT OPTIONS:	
200A	7024100	1	Seal Kit - Swing Hub (Includes Items 1B, 1I, 5, 5A & 11)	
200B	70002086	1	Seal Kit - Swing Brake (Includes Items 8D, 8E, 8F, 8H & 26)	
200C	7024396	1	Seal Kit - Swing Motor (Includes Items 103, 104, 116, 117, 120 & 125)	
201	70002085	1	Disc Kit - Swing Brake (Includes Items 8J & 8K)	

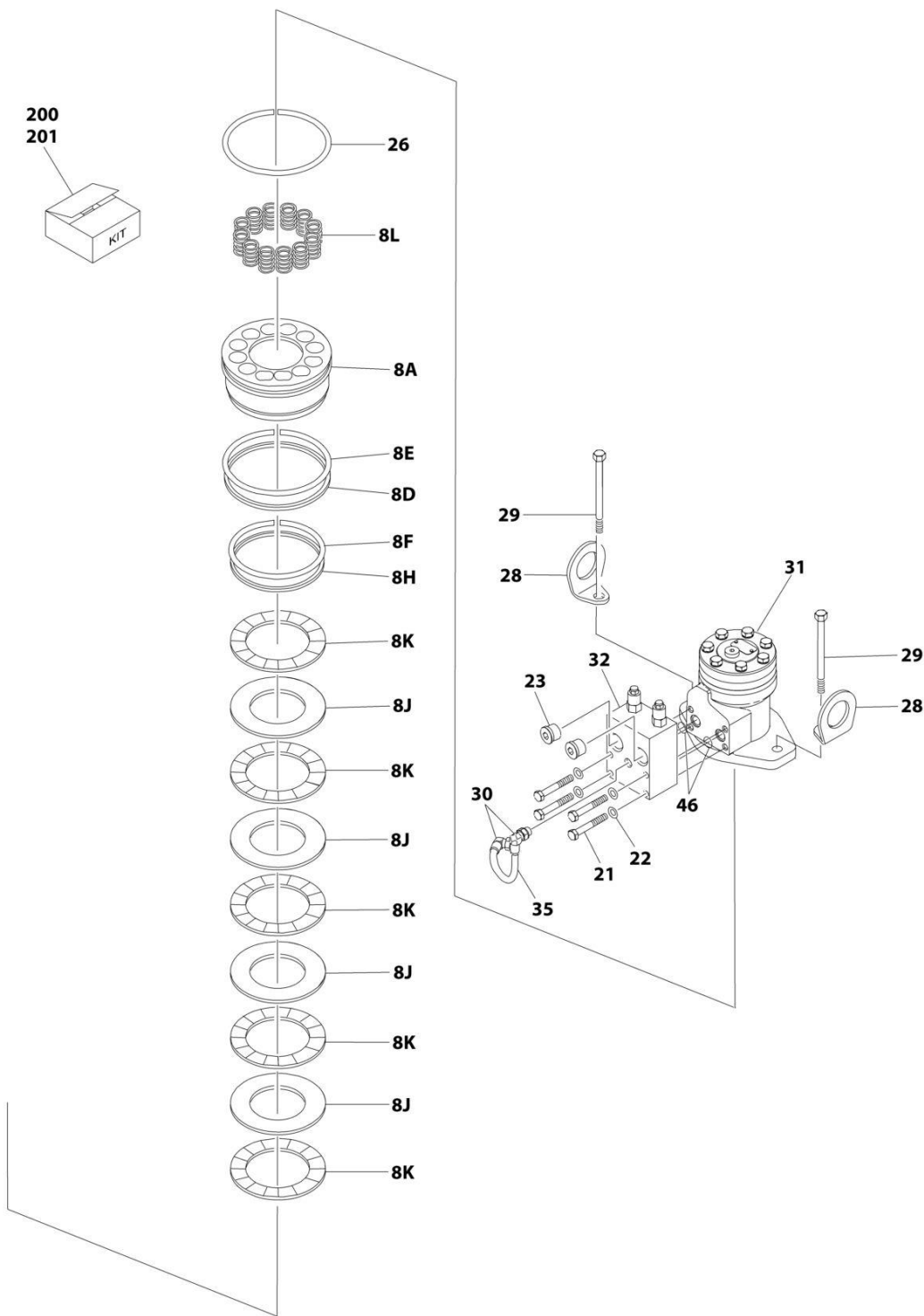
SECTION 2 - TURNTABLE

FIGURE 2-8. SWING MOTOR/HUB ASSEMBLY (SN 0300268294 through 0300270863)



ART_1001229810_10F2

SECTION 2 - TURNTABLE



ART_1001229810_20F2

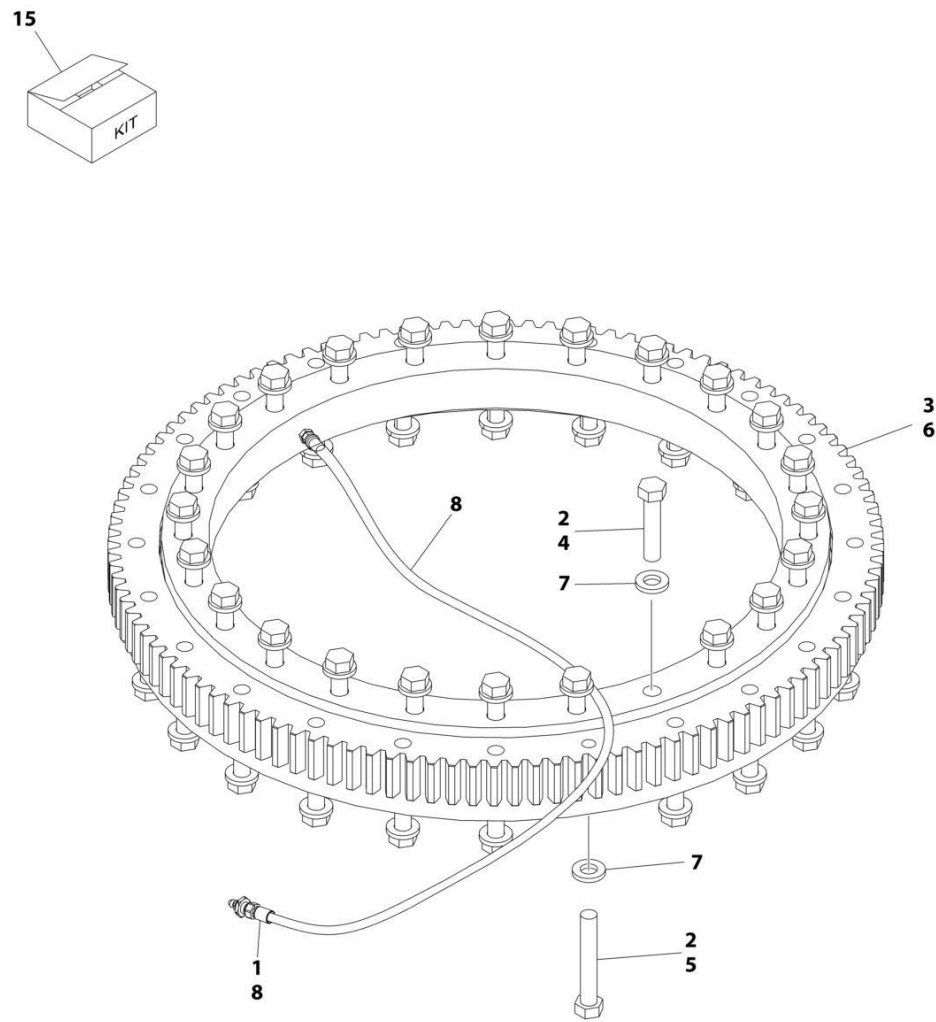
SECTION 2 - TURNTABLE

FIGURE 2-8. SWING MOTOR/HUB ASSEMBLY (SN 0300268294 through 0300270863)

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

SECTION 2 - TURNTABLE

FIGURE 2-9. TURNTABLE BEARING AND LUBE INSTALLATION



ART_1001157049

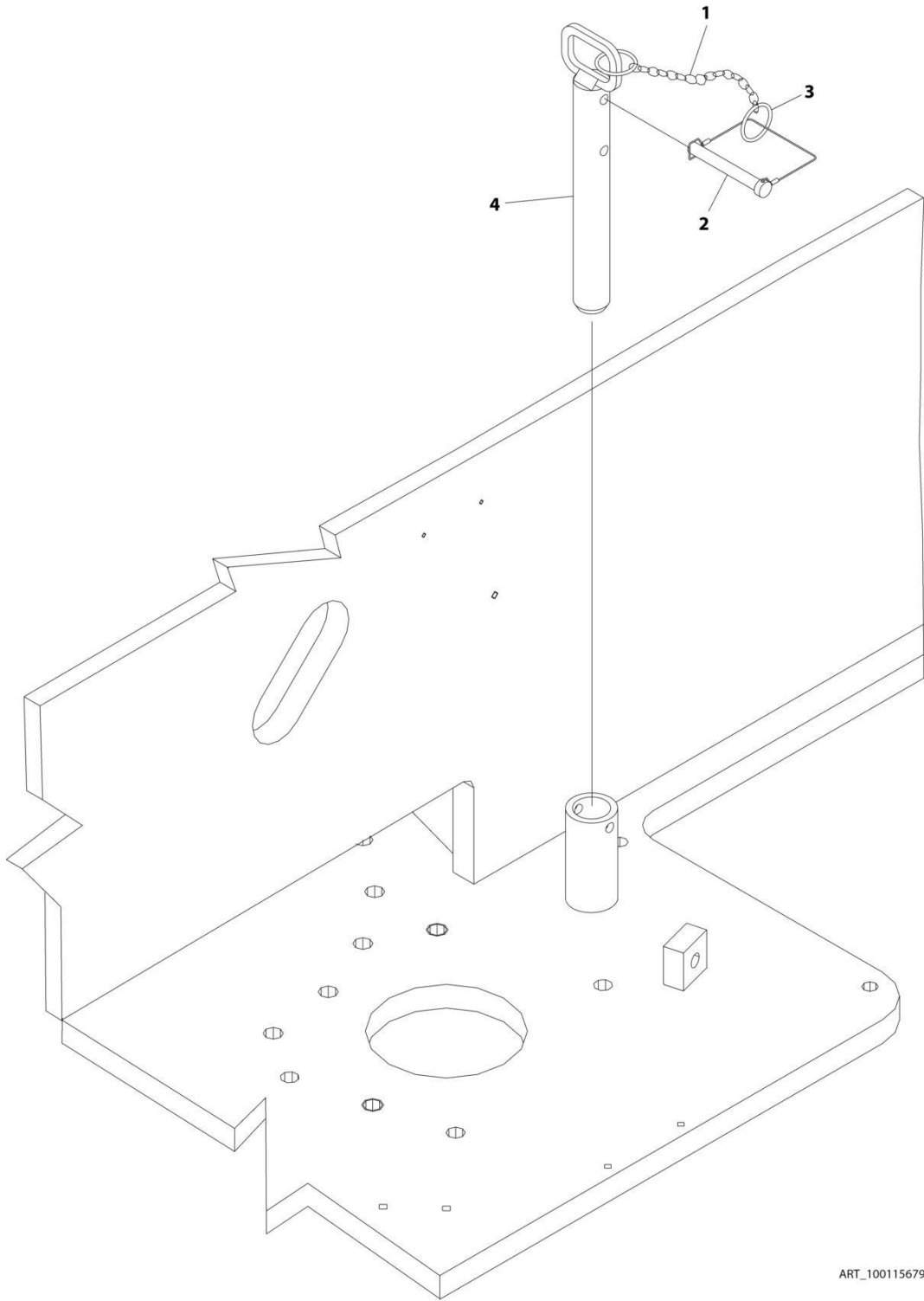
SECTION 2 - TURNTABLE

FIGURE 2-9. TURNTABLE BEARING AND LUBE INSTALLATION

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

SECTION 2 - TURNTABLE

FIGURE 2-10. TURNTABLE LOCK INSTALLATION



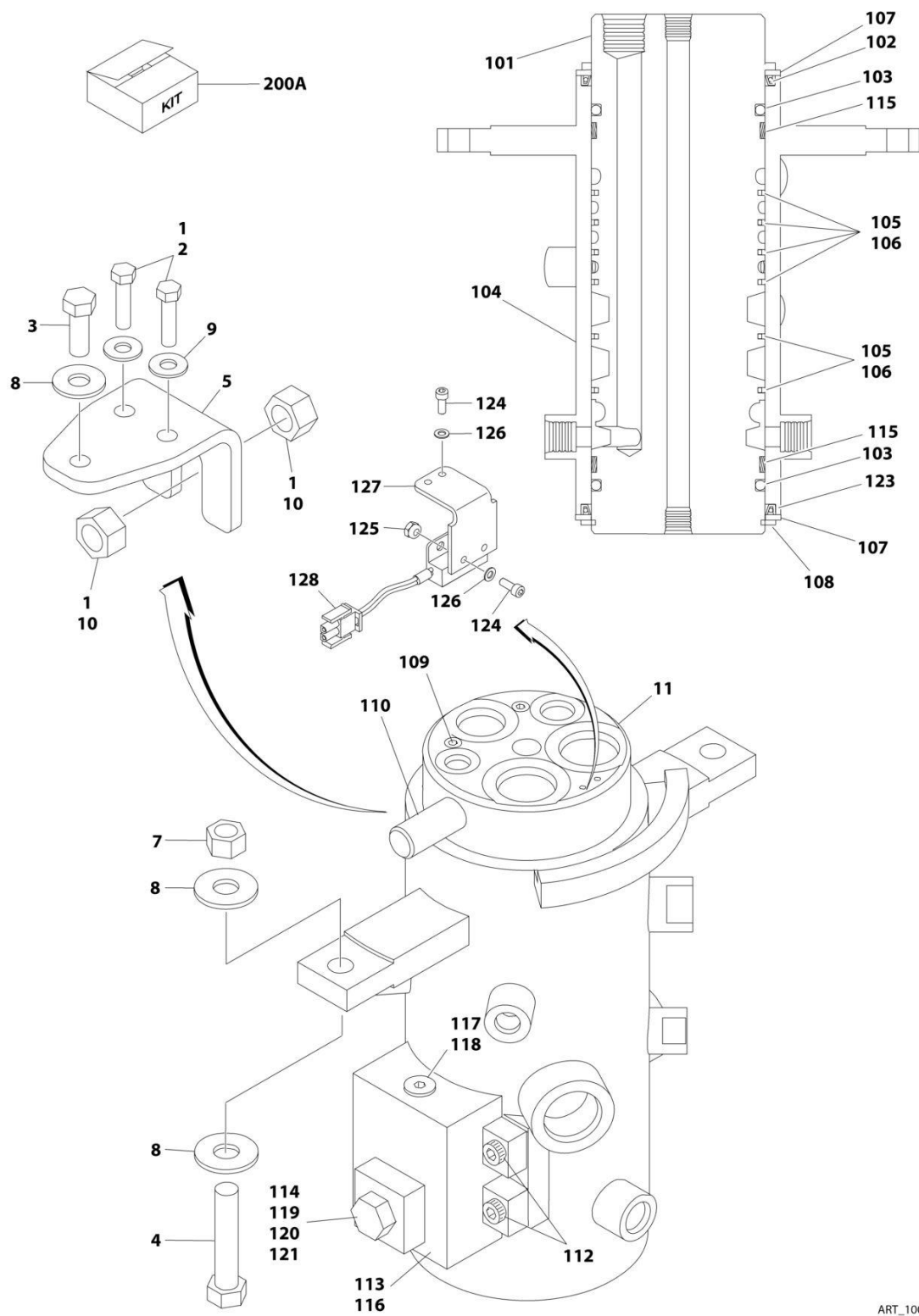
ART_1001156798

FIGURE 2-10. TURNTABLE LOCK INSTALLATION

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

SECTION 2 - TURNTABLE

FIGURE 2-11. ROTARY COUPLING INSTALLATION



ART_1001107529

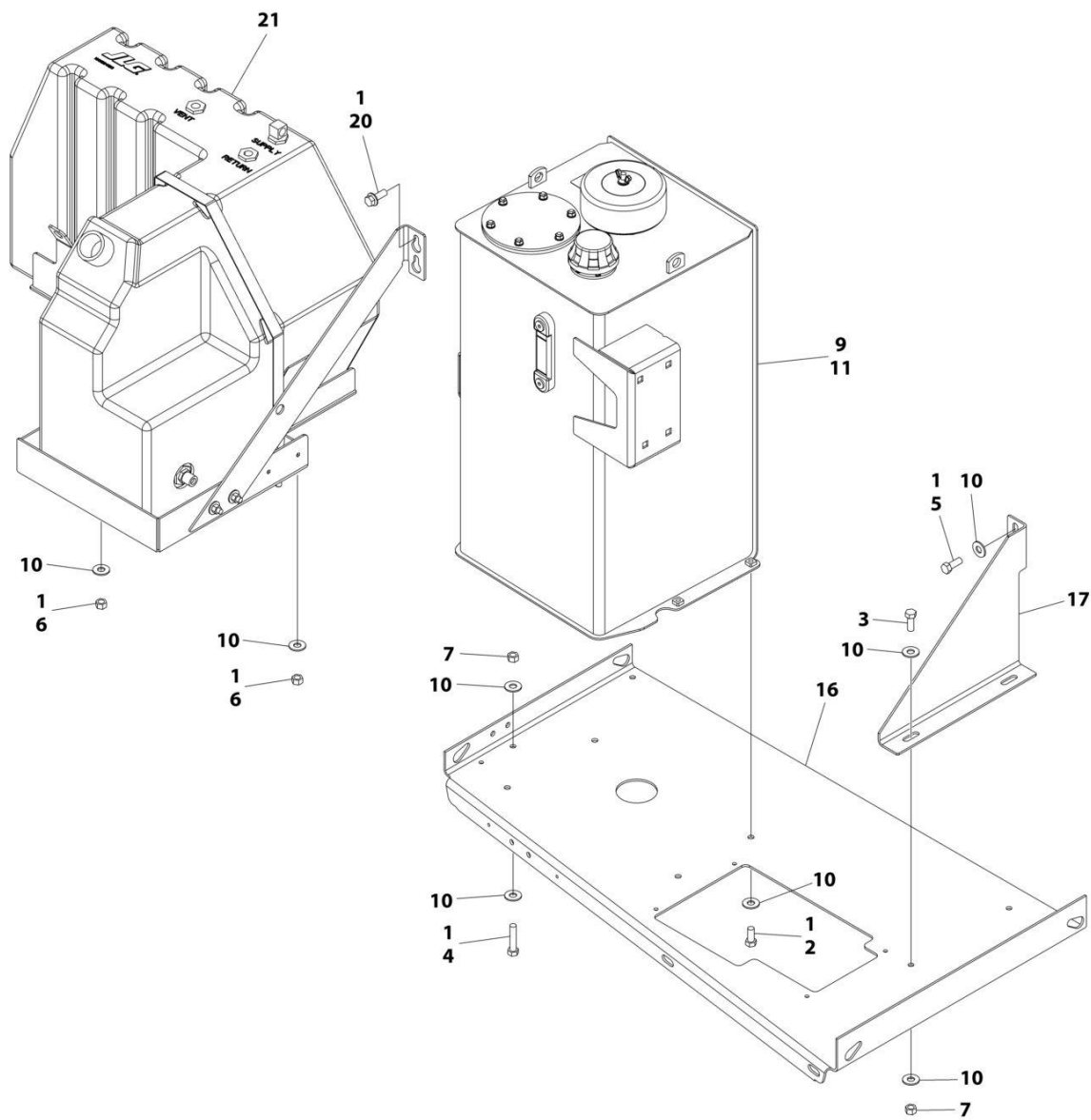
SECTION 2 - TURNTABLE

FIGURE 2-11. ROTARY COUPLING INSTALLATION

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

SECTION 2 - TURNTABLE

FIGURE 2-12. TANKS INSTALLATION



ART_1001223977

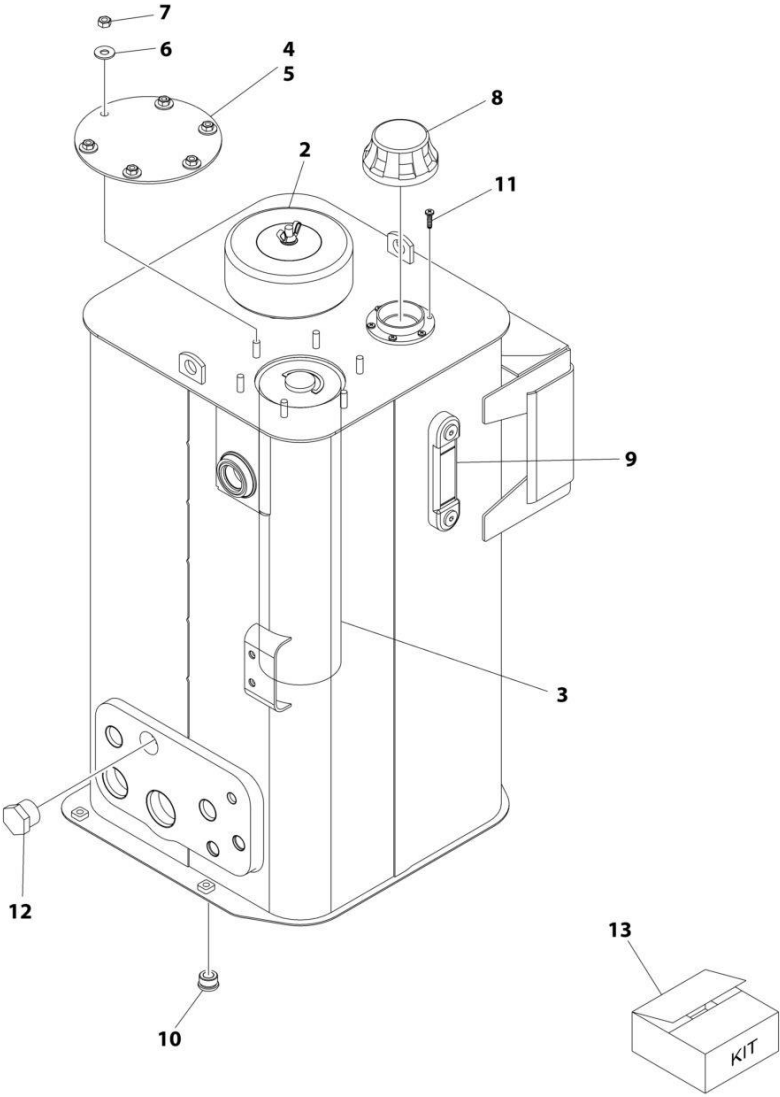
SECTION 2 - TURNTABLE

FIGURE 2-12. TANKS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223977	Ref	TANKS INSTALLATION	C
1	0100011	AR	Compound, Locking	
2	0641607	4	Bolt 3/8 x 7/8	
3	0641608	2	Bolt 3/8 x 1	
4	0641614	2	Bolt 3/8 x 1-3/4	
5	0681608	2	Bolt 3/8 x 1	
6	3311601	2	Nut 3/8	
7	3311605	4	Nut 3/8	
9	4420038	26 in/ 0.66m	Tape	
10	4751600	16	Washer 3/8	
11	1001178057	1	Hydraulic Tank Assembly (See Separate Breakdown in this Section)	
16	1001227338	1	Tray	
17	1001227383	1	Bracket	
20	0811608	2	Screw 3/8 x 1	
21	1001233641	1	Fuel Tank Assembly (See Separate Breakdown in this Section)	

SECTION 2 - TURNTABLE

FIGURE 2-13. HYDRAULIC TANK ASSEMBLY



ART_1001178057

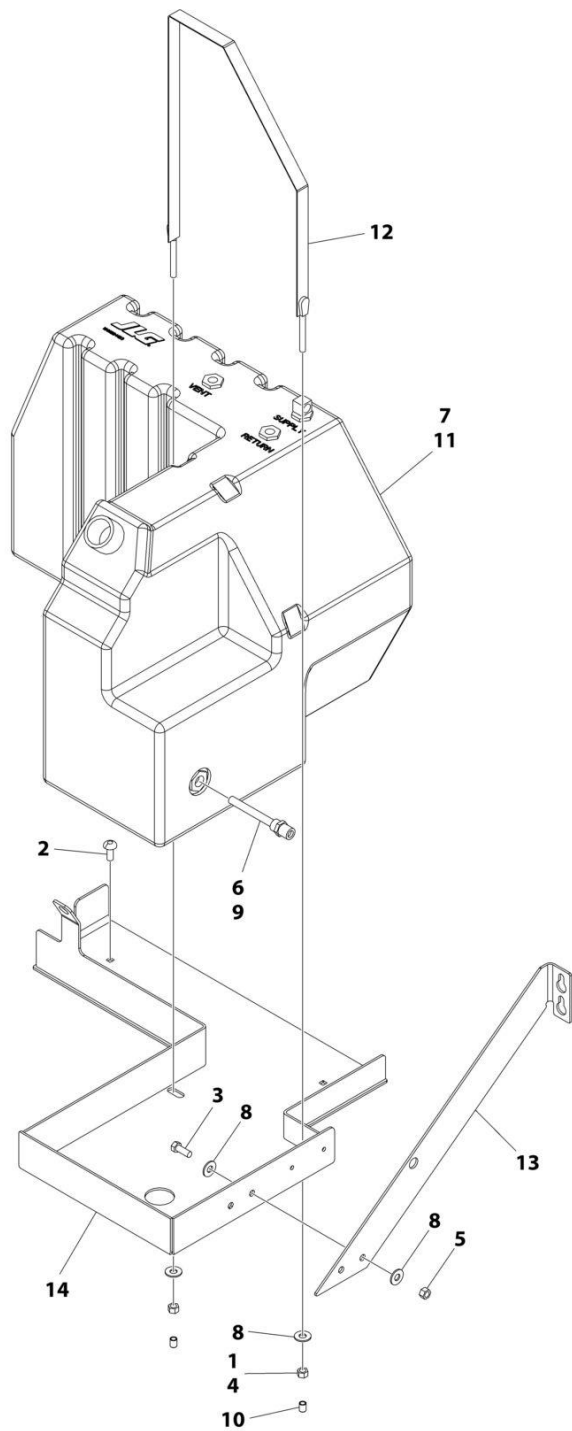
SECTION 2 - TURNTABLE

FIGURE 2-13. HYDRAULIC TANK ASSEMBLY

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

SECTION 2 - TURNTABLE

FIGURE 2-14. FUEL TANK ASSEMBLY



ART_1001233641

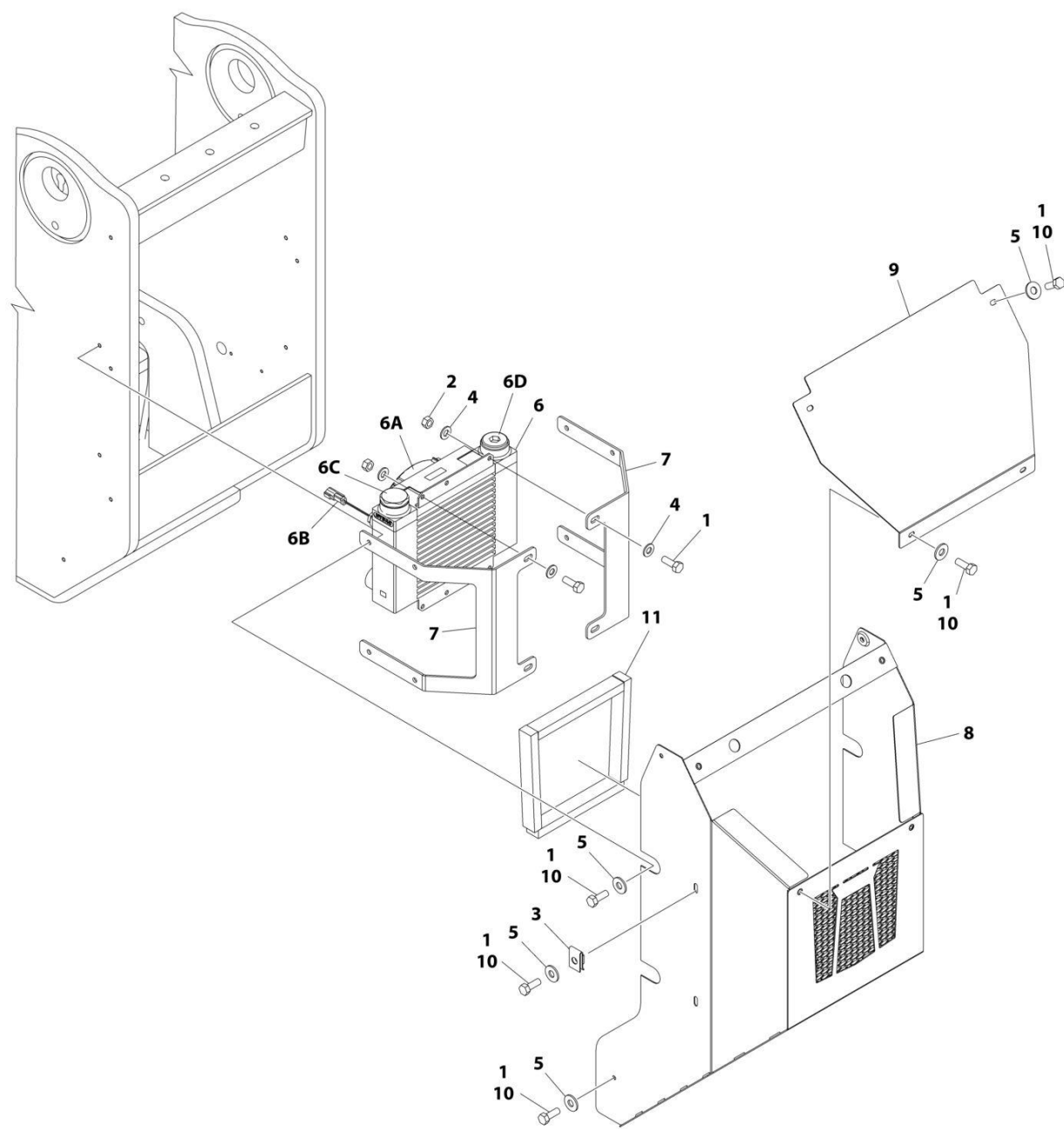
SECTION 2 - TURNTABLE

FIGURE 2-14. FUEL TANK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233641	Ref	FUEL TANK ASSEMBLY	A
1	0100011	AR	Compound, Locking	
2	0630446	2	Bolt 3/8 x 1	
3	0641608	2	Bolt 3/8 x 1	
4	3311601	2	Nut 3/8	
5	3311605	2	Nut 3/8	
6	4360436	1	Switch, Fuel Level	
7	4420038	37 in/ 0.94m	Tape	
8	4751600	6	Washer 3/8	
9	1001182997	AR	Adhesive	
10	1001218572	2	Cap	
11	1001224123	1	Tank, Fuel	
11	See Note	NSS	Cap (Note: Not Available at time of Printing)	
11	See Note	NSS	Tube, Pick-up (Note: Not Available at time of Printing)	
12	1001224384	1	Strap	
13	1001233635	1	Bracket	
14	1001233640	1	Tray	

SECTION 2 - TURNTABLE

FIGURE 2-15. COOLER INSTALLATION



ART_1001223981

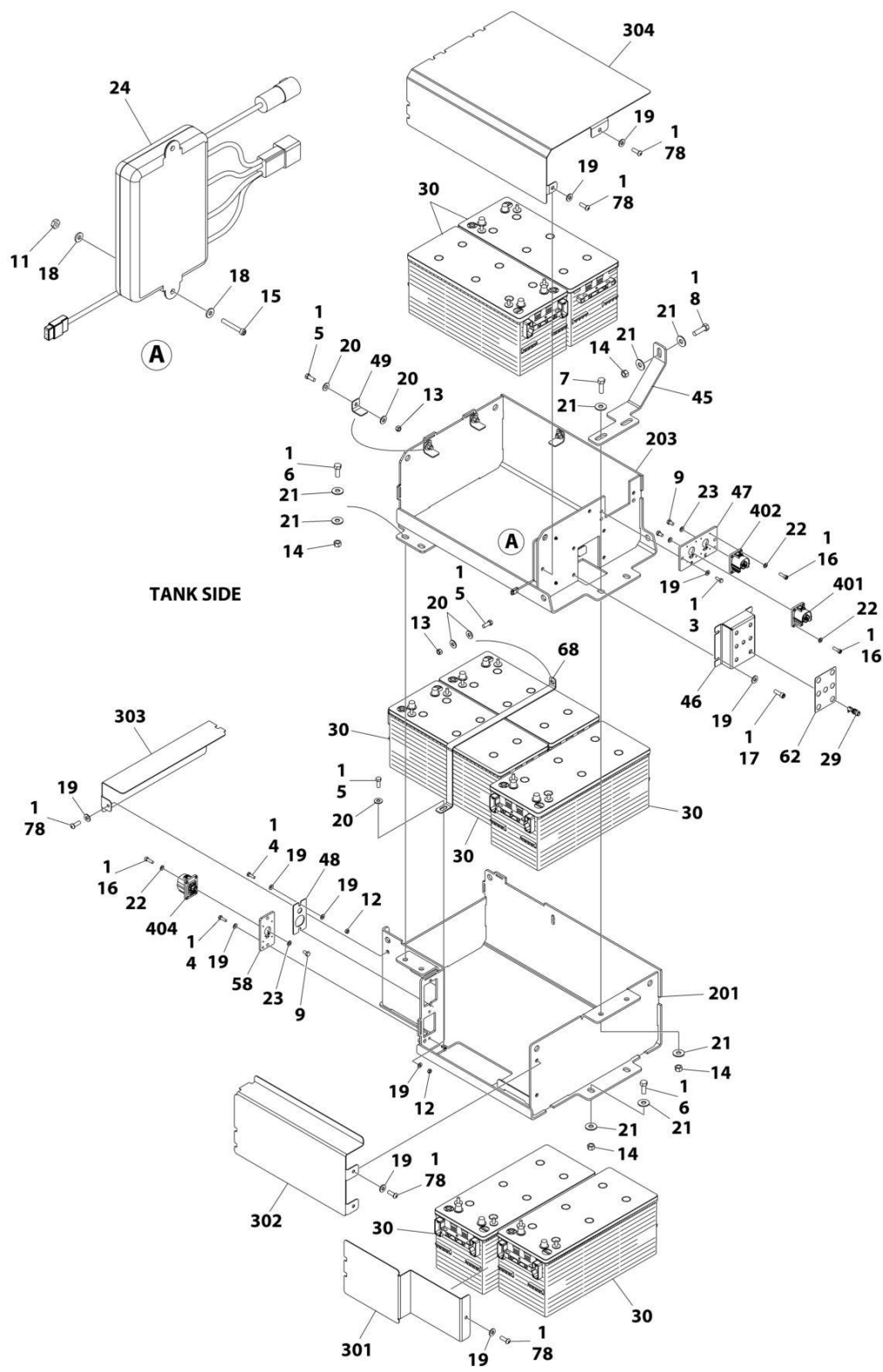
SECTION 2 - TURNTABLE

FIGURE 2-15. COOLER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223981	Ref	COOLER INSTALLATION	C
1	0641507	20	Bolt 5/16 x 7/8	
2	3271505	4	Nut 5/16	
3	3300364	1	Nut, Tinnerman 5/16	
4	4711500	8	Washer 5/16	
5	4751500	16	Washer 5/16	
6	1001225804	1	Cooler Assembly	
6A	70006577	1	Fan/Motor Assembly	
6A	4460994	1	Plug, Male - 2 Position (Fan/Motor)	
6A	4460993	2	Terminal (Fan/Motor)	
6B	70006576	1	Thermostat	
6B	4460891	1	Plug, Male - 2 Position (Thermostat)	
6B	4460465	2	Socket, Female (Thermostat)	
6C	70006578	1	Valve, By-Pass	
6D	70006579	1	Plug	
7	1001227198	2	Bracket	
8	1001227869	1	Cover, Vented	
9	1001227870	1	Cover	
10	0100011	AR	Compound, Locking	
11	1001233249	4	Seal	

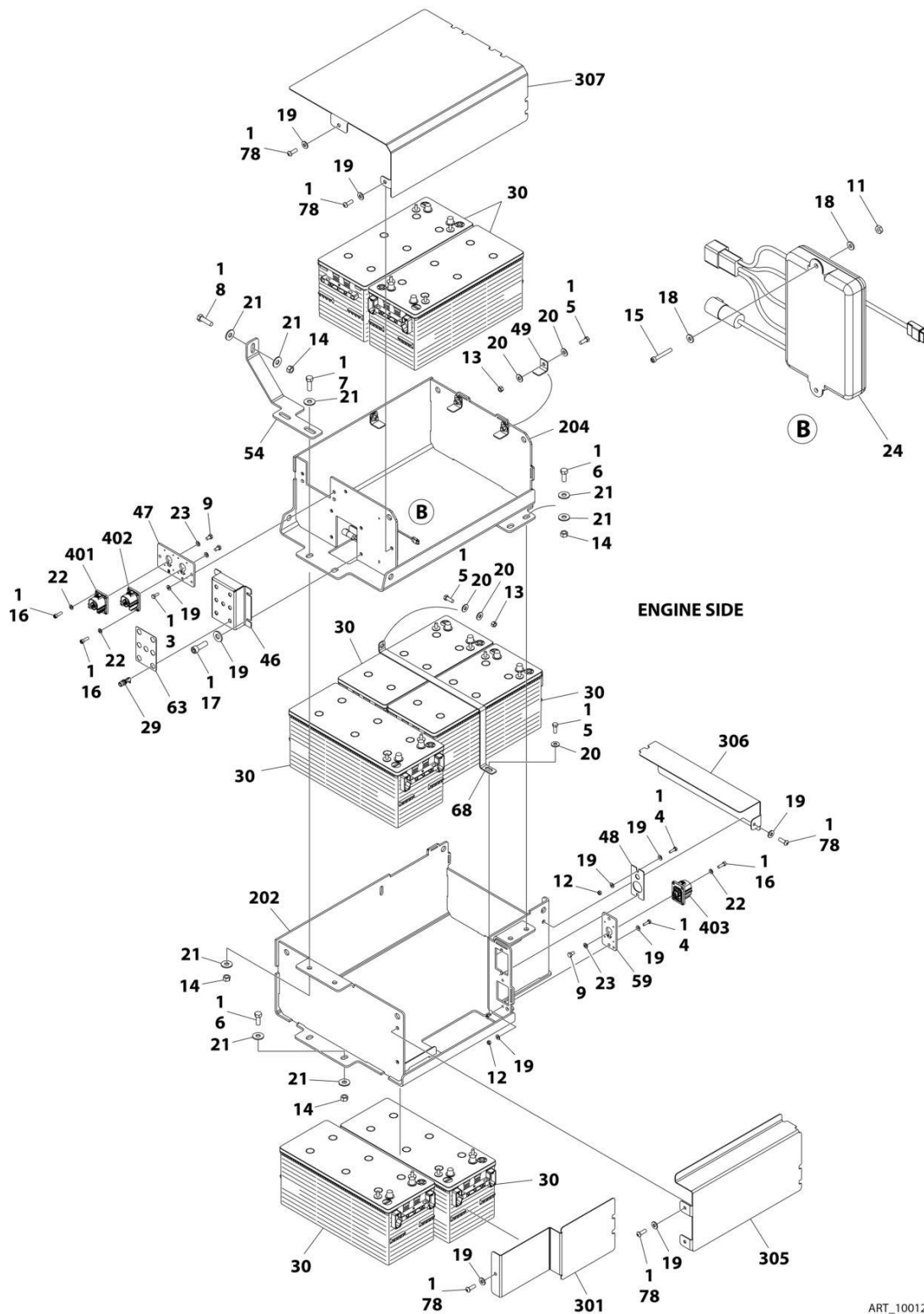
SECTION 2 - TURNTABLE

FIGURE 2-16. BATTERY BOXES INSTALLATION



ART_1001231700_10F3

SECTION 2 - TURNTABLE



ART_1001231700_2OF3

SECTION 2 - TURNTABLE

FIGURE 2-16. BATTERY BOXES INSTALLATION

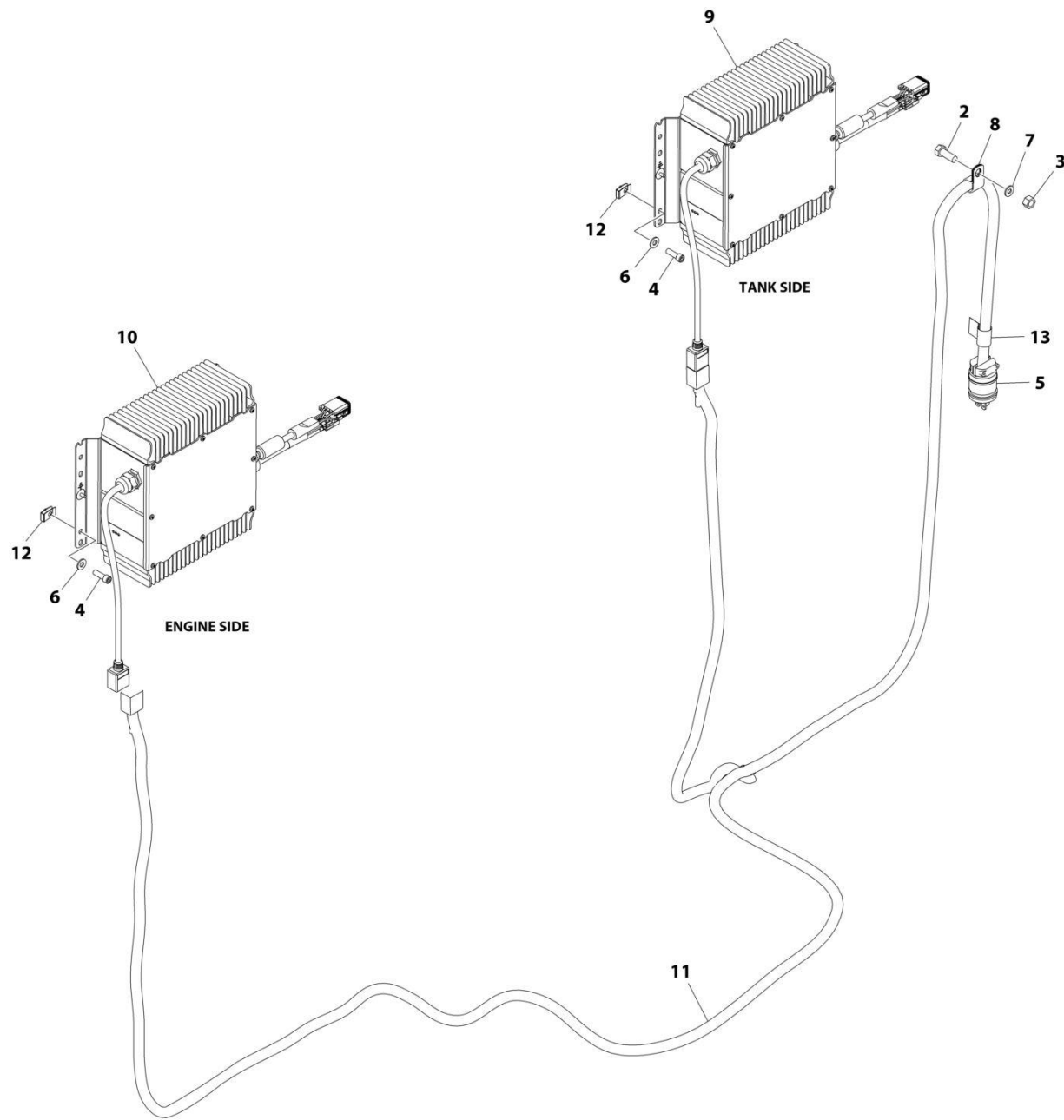
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231700	Ref	BATTERY BOXES INSTALLATION	G
1	0100011	AR	Compound, Locking	
3	0641406	4	Bolt 1/4 x 3/4	
4	0641407	8	Bolt 1/4 x 7/8	
5	0641608	16	Bolt 3/8 x 1	
6	0641810	12	Bolt 1/2 x 1-1/4	
7	0641812	4	Bolt 1/2 x 1-1/2	
8	0641814	2	Bolt 1/2 x 1-3/4	
9	0760807	6	Bolt M8 x 14	
11	3310605	4	Nut #6	
12	3311401	8	Nut 1/4	
13	3311601	14	Nut 3/8	
14	3311801	18	Nut 1/2	
15	3930616	4	Capscrew #6 x 1	
16	3931010	24	Capscrew #10 x 5/8	
17	3931412	8	Capscrew 1/4 x 3/4	
18	4710600	8	Washer #6	
19	4711400	40	Washer 1/4	
20	4751600	30	Washer 3/8	
21	4751800	36	Washer 1/2	
22	4811600	24	Washer M5	
23	4811900	6	Washer M8	
24	1001222358	2	Regulator	
29	1001226935	14	Fuseholder	
30	1001231249	14	Battery	
45	1001231596	1	Plate	
46	1001231597	2	Mount	
47	1001231598	2	Mount	
48	1001231599	2	Cover	
49	1001231600	12	Plate	
54	1001231655	1	Plate	
58	1001231839	1	Mount	
59	1001231840	1	Mount	
62	1001230711	1	Decal - Tank Battery Stack Fuses	
63	1001230712	1	Decal - Engine Battery Stack Fuses	
68	1001233737	2	Plate	
73	4240099	2	Tie-Strap (Not Shown)	
78	0641405	12	Bolt 1/4 x 5/8	
200	1001233443	1	Battery Box Kit (Not Shown)	
201	1001231569	1	Box, Battery	
202	1001231570	1	Box, Battery	
203	1001231581	1	Box, Battery (Tank Side)	
204	1001231582	1	Box, Battery (Engine Side)	
300	1001233444	1	Battery Covers Kit (Not Shown)	
301	1001231601	2	Cover, Battery Box	
302	1001231606	1	Cover, Battery Box	
303	1001231607	1	Cover, Battery Box	
304	1001231608	1	Cover, Battery Box	
305	1001231656	1	Cover, Battery Box	
306	1001231657	1	Cover, Battery Box	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
307	1001231658	1	Cover, Battery Box	
400	1001233446	1	Connector Kit (Not Shown)	
401	1001223195	2	Connector	
402	1001223196	2	Connector	
403	1001223198	1	Connector	
404	1001223200	1	Connector	

SECTION 2 - TURNTABLE

FIGURE 2-17. BATTERY CHARGERS INSTALLATION (FACTORY SUPPLIED 220V PLUG)



ART_1001223124

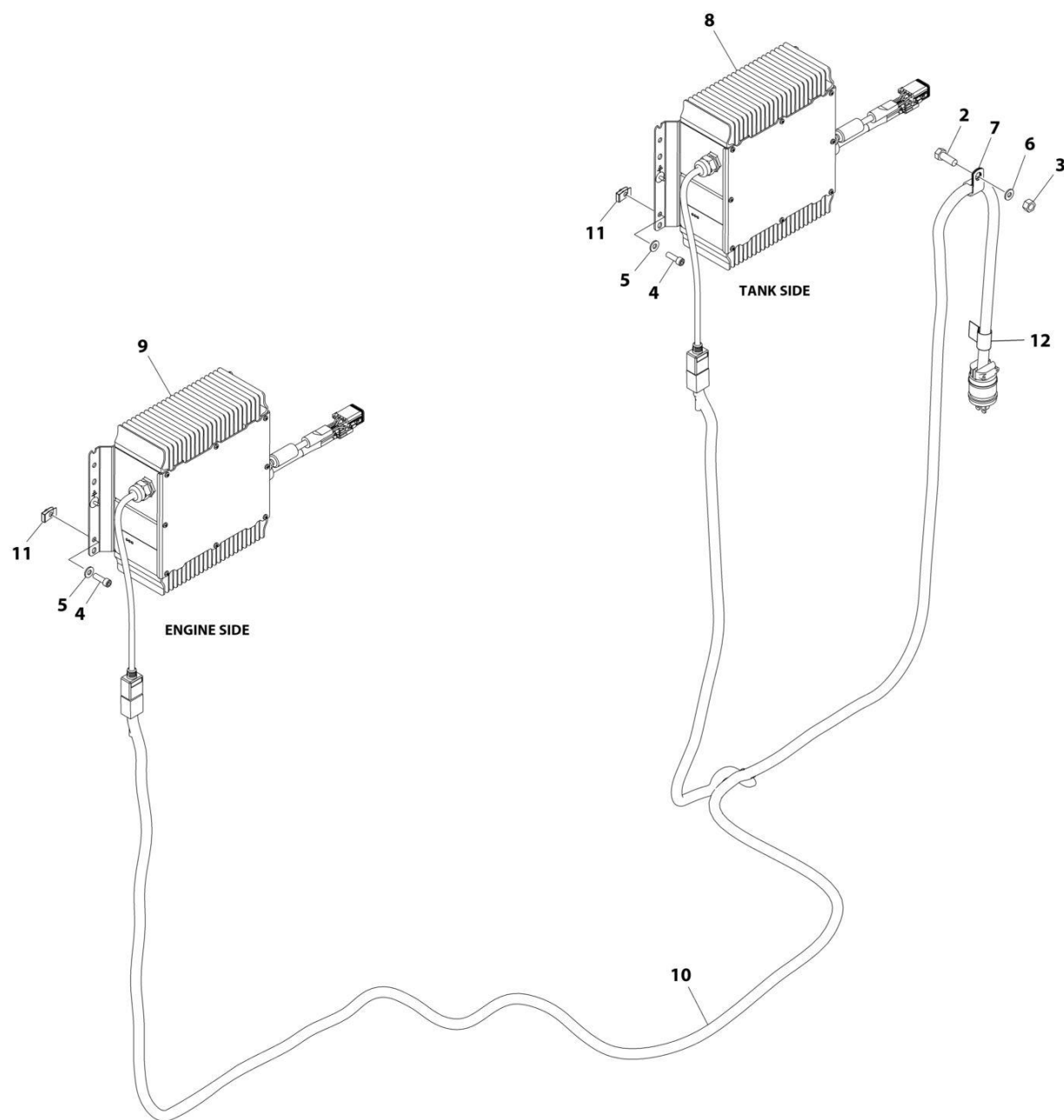
SECTION 2 - TURNTABLE

FIGURE 2-17. BATTERY CHARGERS INSTALLATION (FACTORY SUPPLIED 220V PLUG)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223124	Ref	BATTERY CHARGERS INSTALLATION	F
2	0641608	1	Bolt 3/8 x 1	
3	3311605	1	Nut 3/8	
4	3931412	8	Capscrew 1/4 x 3/4	
5	4460233	1	Plug	
6	4711400	8	Washer 1/4	
7	4711600	2	Washer 3/8	
8	1320061	1	Clamp	
9	1001222359	1	Charger, Battery (Primary)	
10	1001222360	1	Charger, Battery (Secondary)	
11	1001226031	1	Cable, AC	
12	3300454	8	Nut, Tinnerman 1/4	
13	1001238309	1	Decal - 240V Heater Cord	

SECTION 2 - TURNTABLE

FIGURE 2-18. BATTERY CHARGERS INSTALLATION (CUSTOMER SUPPLIED PLUG)



ART_1001227901

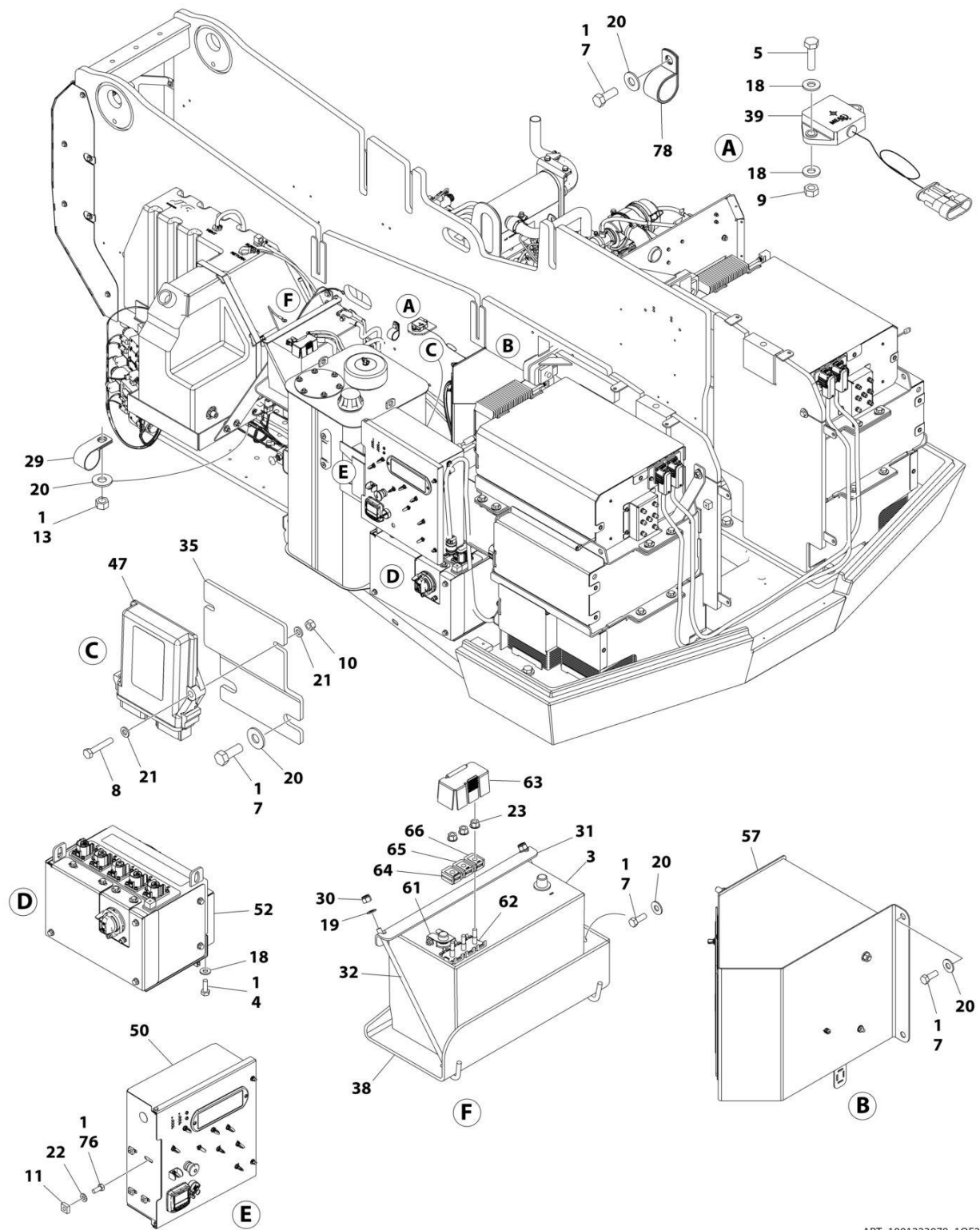
SECTION 2 - TURNTABLE

FIGURE 2-18. BATTERY CHARGERS INSTALLATION (CUSTOMER SUPPLIED PLUG)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227901	Ref	BATTERY CHARGERS INSTALLATION	E
2	0641608	1	Bolt 3/8 x 1	
3	3311605	1	Nut 3/8	
4	3931412	8	Capscrew 1/4 x 3/4	
5	4711400	8	Washer 1/4	
6	4711600	2	Washer 3/8	
7	1320061	1	Clamp	
8	1001222359	1	Charger, Battery (Primary)	
9	1001222360	1	Charger, Battery (Secondary)	
10	1001226031	1	Cable, AC	
11	3300454	8	Nut, Tinnerman 1/4	
12	1001238309	1	Decal - 240V Heater Cord	

SECTION 2 - TURNTABLE

FIGURE 2-19. ELECTRICAL SYSTEM INSTALLATION



ART_1001223978_10F2

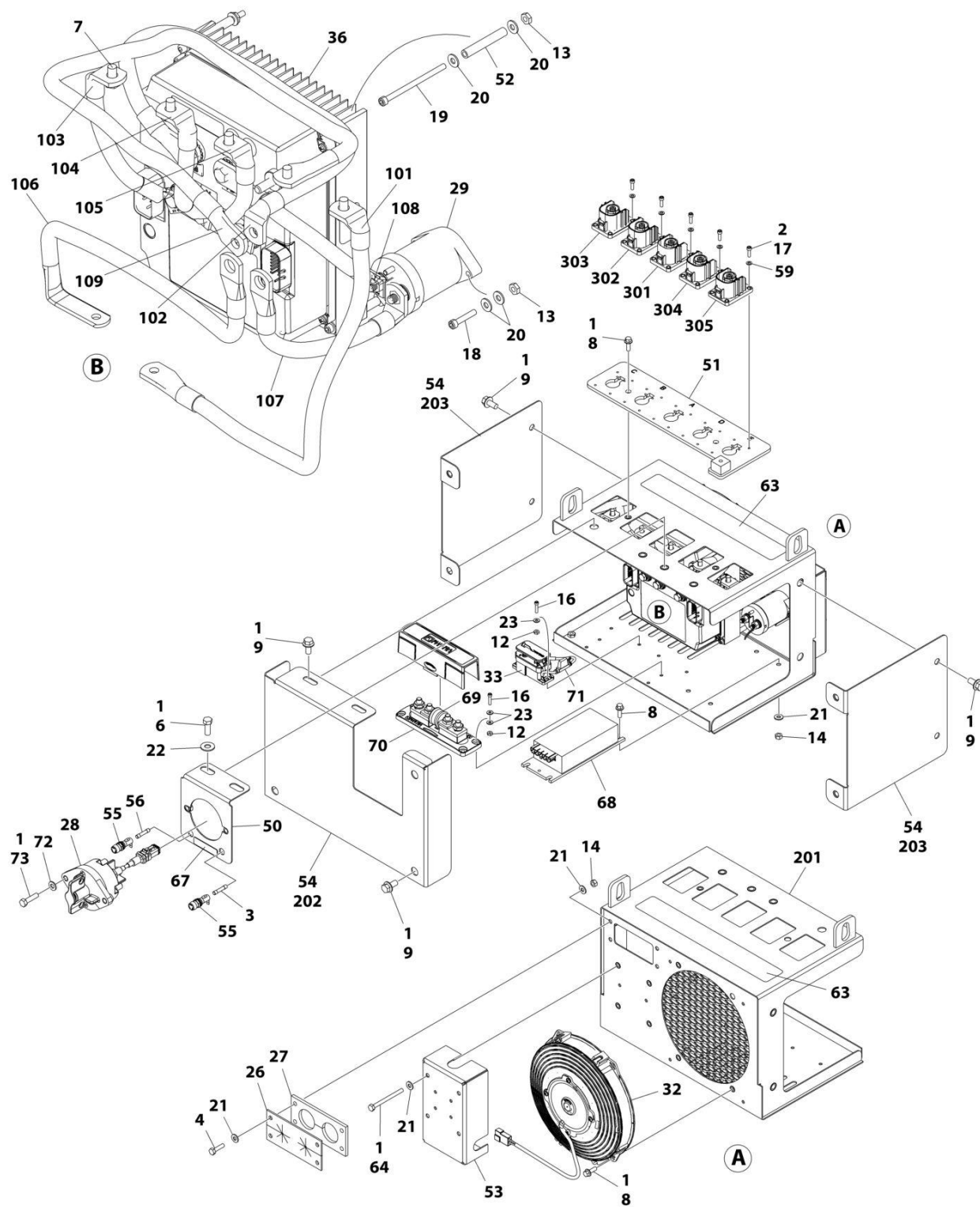
SECTION 2 - TURNTABLE

FIGURE 2-19. ELECTRICAL SYSTEM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223978	Ref	ELECTRICAL SYSTEM INSTALLATION	I
1	0100011	AR	Compound, Locking	
3	0400075	1	Battery	
4	0641406	4	Bolt 1/4 x 3/4	
5	0641408	2	Bolt 1/4 x 1	
7	0681608	10	Bolt 3/8 x 1	
8	0700615	2	Bolt M6 x 35	
9	3271405	2	Nut 1/4	
10	3290607	2	Nut M6	
11	3300205	4	Nut, Retainer	
13	3311605	2	Nut 3/8	
13	3311601	2	Nut 3/8	
18	4711400	8	Washer 1/4	
19	4711500	2	Washer 5/16	
20	4751600	12	Washer 3/8	
21	4811700	4	Washer M6	
22	4891500	4	Washer 5/16	
23	5260818	3	Nut M8	
29	8406201	2	Clip	
30	88521205	2	Nut 5/16	
31	91401281	1	Bracket	
32	1001093382	2	J-Bolt	
35	1001142722	1	Bracket	
38	1001162497	1	Tray, Battery	
39	1001219601	1	Sensor, Tilt	
47	1001223583	1	Module, Control (Note: Recalibration Required when Replaced)	
50	1001225976	1	Ground Control Box Assembly (See Separate Breakdown in this Section)	
52	1001226120	1	IMG Control Box Assembly (See Separate Breakdown in this Section)	
57	1001232494	1	Fuse Box Assembly (See Separate Breakdown in this Section)	
61	1001226929	1	Terminal	
62	1001226930	1	Stud Assembly	
63	1001226931	1	Boot, Red	
64	1001226932	1	Fuse 40Amp	
65	1001226933	1	Fuse 80Amp	
66	1001226934	1	Shunt	
76	0641506	4	Bolt 5/16 x 3/4	
77	0760812	1	Bolt M8 x 25 (Not Shown)	
78	1320060	1	Clamp	
79	1320263	1	Clamp (Not Shown)	
80	3290805	1	Nut M8 (Not Shown)	
82	4811900	2	Washer M8 (Not Shown)	
86	4240099	1	Tie-Strap (Not Shown)	
88	4061032	1	Shield (Not Shown - Located over Hydraulic Pump)	

SECTION 2 - TURNTABLE

FIGURE 2-20. IMG CONTROL BOX ASSEMBLY



ART_1001226120

SECTION 2 - TURNTABLE

FIGURE 2-20. IMG CONTROL BOX ASSEMBLY

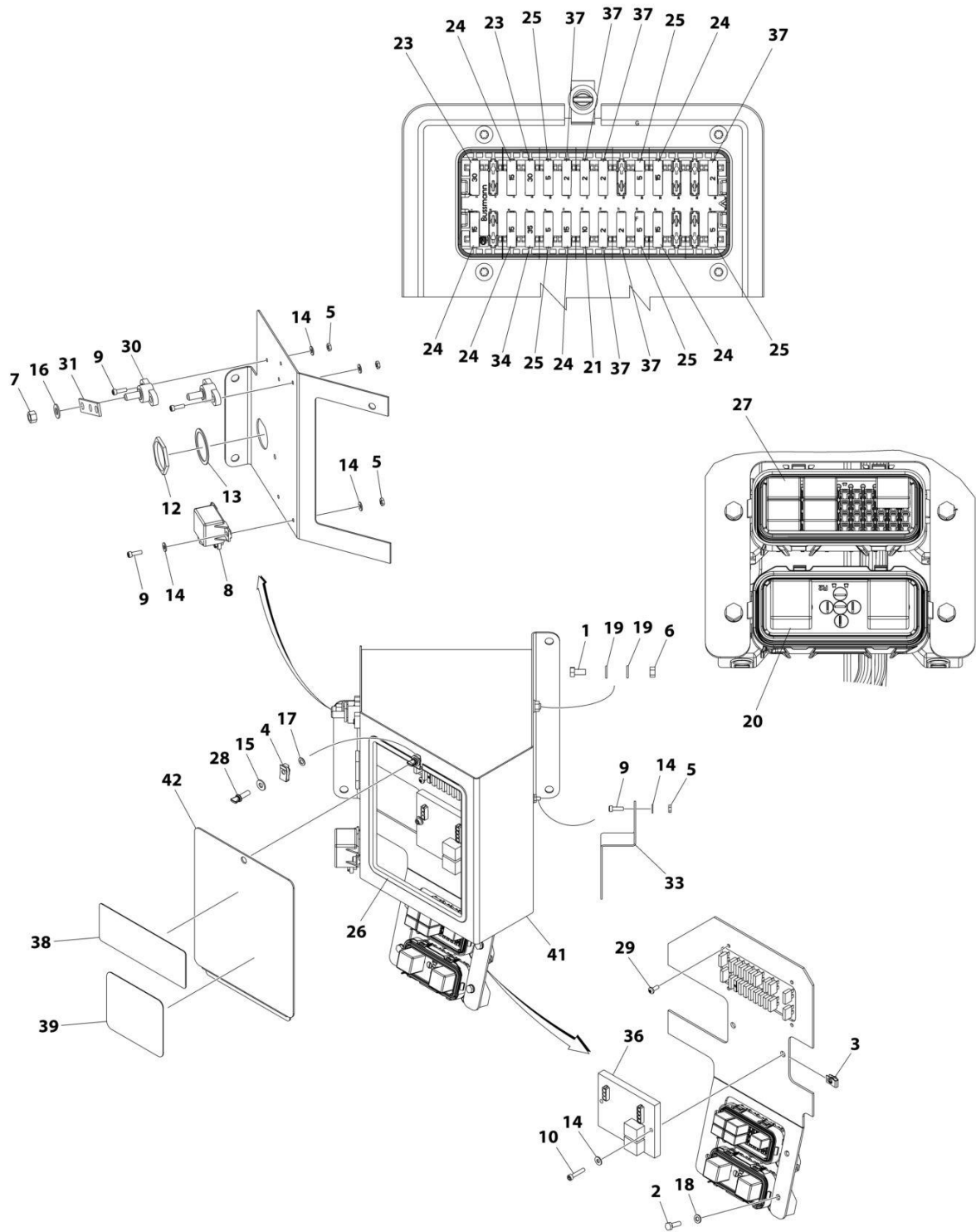
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226120	Ref	IMG CONTROL BOX ASSEMBLY	J
1	0100011	AR	Compound, Locking	
2	0100035	AR	Compound, Locking	
3	1001234314	1	Fuse 10Amp	
4	0641408	4	Bolt 1/4 x 1	
6	0641608	2	Bolt 3/8 x 1	
7	0760807	5	Bolt M8 x 14	
8	0811406	10	Screw 1/4 x 3/4	
9	0811606	9	Screw 3/8 x 3/4	
12	3310805	8	Nut #8	
13	3311005	6	Nut #10	
14	3311405	8	Nut 1/4	
16	3930812	8	Capscrew #8 x 3/4	
17	3931010	20	Capscrew #10 x 5/8	
18	3931016	2	Capscrew #10 x 1	
19	3931048	4	Capscrew #10 x 3	
20	4711000	12	Washer #10	
21	4711400	16	Washer 1/4	
22	4751600	2	Washer 3/8	
23	4750800	12	Washer #8	
26	1001168243	1	Shield	
27	1001168244	1	Shield	
28	1001236759	1	Switch, STDP Interlock	
29	1001222340	1	Relay, Main Contactor	
32	1001222363	1	Fan, Cooling	
33	1001222365	2	Relay	
36	1001222879	1	Controller, IMG (Note: Recalibration Required when Replaced)	
50	1001236967	1	Plate, IMG Disconnect Switch	
51	1001226146	1	Mount, IMG Connector	
52	1001226190	4	Sleeve	
53	1001226492	1	Cover Assembly	
53	1001224943	1	Converter	
53	1001226489	1	Cover	
54	1001113047	95 in/ 2.4m	Seal	
55	1001226935	2	Holder, Fuse	
56	1001228440	1	Fuse 15Amp	
59	4811600	20	Washer M5	
63	1001227763	1	Decal - Header Label IMG Box	
64	0641424	4	Bolt 1/4 x 3	
67	1001230714	1	Decal - IMG Fuse	
68	1001233188	1	Converter	
69	1001233198	1	Fuse 200Amp - 400Amp	
70	1001233203	1	Holder, Fuse	
71	1001234488	2	Electrical Assembly - Flyback Diode	
72	4711500	2	Washer 5/16	
73	0641510	2	Bolt 5/16 x 1-1/4	
100	1001233442	1	IMG Box Cable Kit	B
101	1001222375	1	Cable - Battery to Fuse	
102	1001222378	1	Cable - Negative to IMG	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
103	1001223916	1	Cable - IMG (U) to Box	B
104	1001223917	1	Cable - IMG (V) to Box	
105	1001223918	1	Cable - IMG (W) to Box	
106	1001223951	1	Cable - Fuse to Rotary Disc	
107	1001223952	1	Cable - Rotary Disc to Main Controller	
108	1001223953	1	Cable - Main Controller to IMG	
109	1001230507	1	Cable (Negative to Bulkhead)	
200	1001233445	1	IMG Box Plate Kit	
201	1001226121	1	Box	
202	1001226124	1	Cover, Front	A
203	1001230154	2	Panel	
300	1001233447	1	IMG Cable Connector Kit	
301	1001222915	1	Connector	
302	1001223195	1	Connector	
303	1001223196	1	Connector	
304	1001223198	1	Connector	
305	1001223200	1	Connector	

SECTION 2 - TURNTABLE

FIGURE 2-21. ELECTRICAL ASSEMBLY - 12V FUSE BOX



ART_1001232494

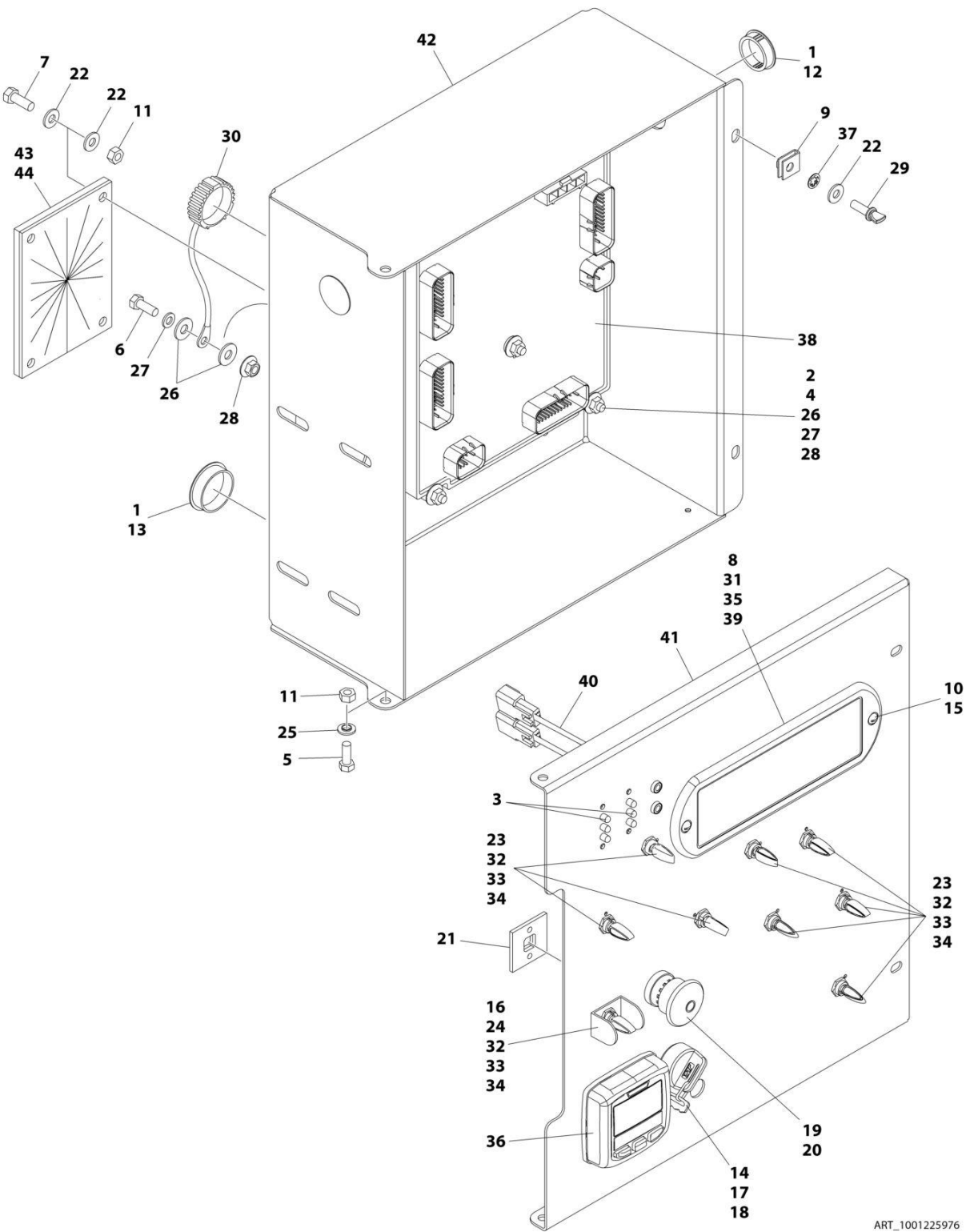
SECTION 2 - TURNTABLE

FIGURE 2-21. ELECTRICAL ASSEMBLY - 12V FUSE BOX

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232494	Ref	ELECTRICAL ASSEMBLY - 12V FUSE BOX	E
1	0641505	1	Bolt 5/16 x 5/8	
2	0760610	4	Bolt M6 x 20	
3	3300365	2	Nut, Retainer	
4	3300454	1	Nut, Tinnerman 1/4	
5	3311005	7	Nut #10	
6	3311505	1	Nut 5/16	
7	3311605	1	Nut 3/8	
8	3740112	1	Relay	
9	3931010	7	Capscrew #10 x 5/8	
10	3931016	2	Capscrew #10 x 1	
11	4240099	1	Tie-Strap (Not Shown)	
12	4460470	1	Nut	
13	4460471	1	Washer	
14	4711000	11	Washer #10	
15	4711400	1	Washer 1/4	
16	4711600	1	Washer 3/8	
17	4771400	1	Washer 1/4	
17	4771200	1	Washer #12	
18	4811700	4	Washer M6	
19	4891500	2	Washer 5/16	
20	8225117	2	Relay	
21	8229234	1	Fuse - 10 Amp	
23	8229236	2	Fuse - 30 Amp	
24	8229237	6	Fuse - 15 Amp	
25	8229261	5	Fuse - 5 Amp	
26	1001113047	2.7 ft/ 0.82m	Trim	
27	1001095704	5	Relay	
28	1001103308	1	Screw 1/4 x 3/4	
29	1001108134	1	Screw #10 x 1/2	
30	1001120750	2	Stud	
31	1001128241	1	Bussbar	
32	1001146588	2	Tie-Strap (Not Shown)	
33	1001159162	1	Bracket	
34	1001172066	1	Fuse - 35 Amp (Prior to SN 0300254183)	
34	1001247362	1	Fuse - 40 Amp (SN 0300254183 through 0300270863)	
35	1001222050	1	Engine Harness (Not Shown) (See Separate Breakdown in ELECTRICAL SECTION)	
36	1001223581	1	Control, H-Bridge	
37	1001227788	6	Fuse - 2 Amp	
38	1001229790	1	Decal - Fuse Box	
39	1001229791	1	Decal - Relays	
40	1001230522	1	Turntable-Fuse Panel Harness (Not Shown) (See Separate Breakdown in ELECTRICAL SECTION)	
41	1001232495	1	Box, Fuse	
42	1001232499	1	Cover	
43	1001226404	1	Harness - H-Bridge/Clutch (Not Shown) (See Separate Breakdown in ELECTRICAL SECTION)	

SECTION 2 - TURNTABLE

FIGURE 2-22. GROUND CONTROL BOX ASSEMBLY



ART_1001225976

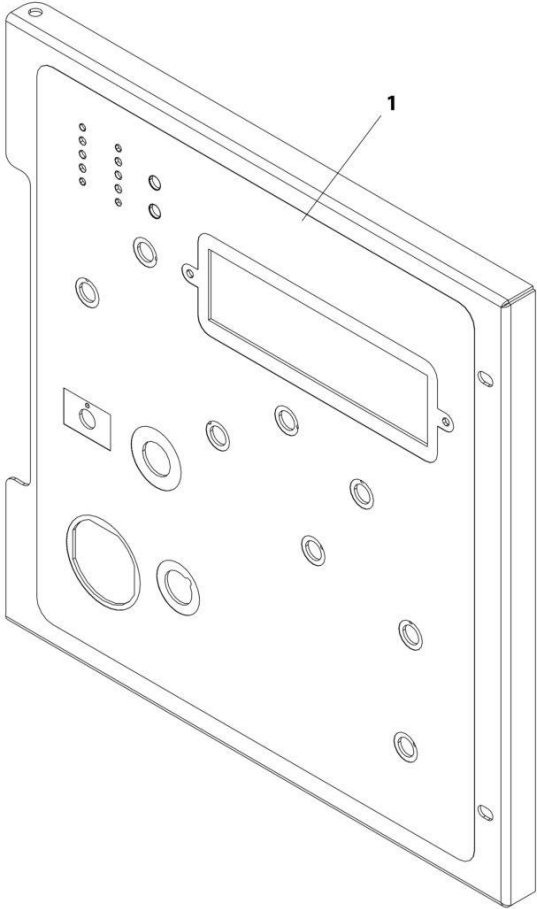
SECTION 2 - TURNTABLE

FIGURE 2-22. GROUND CONTROL BOX ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225976	Ref	GROUND CONTROL BOX ASSEMBLY	D
1	0100009	AR	Sealant	
2	0100011	AR	Compound, Locking	
3	0610131	2	LED P/C Board	
4	0630548	5	Bolt 2-1/2	
5	0641405	2	Bolt 1/4 x 5/8	
6	0641407	1	Bolt 1/4 x 7/8	
7	0641408	4	Bolt 1/4 x 1	
8	1670829	1	Bezel	
9	3300353	2	Nut, Tinnerman	
10	3300408	2	Nut	
11	3311405	6	Nut 1/4	
12	3520031	2	Plug (Prior to SN 0300254183)	
13	3520035	1	Plug	
14	3910804	6	Screw #8 x 1/4	
15	3911018	2	Screw #10 x 1-1/8	
16	4060906	1	Guard, Switch	
17	4070991	1	Shim .125	
18	4360469	1	Switch, Key	
18	2860030	1 Set	Key, Replacement	
19	4360475	1	Switch, Emergency Stop	
19	7020175	1	Cap, Mushroom	
19	7020176	1	Block, Contact	
20	4360476	1	Switch, Contact Block	
21	4460488	6	Mount, Tie-Strap	
22	4711400	10	Washer 1/4	
23	4740397	8	Washer	
24	4740444	1	Washer	
25	4740518	2	Washer	
26	4751400	12	Washer 1/4	
27	4761400	6	Washer 1/4	
28	77143013	11	Nut 1/4	
29	1001103308	2	Screw 1/4 x 3/4	
30	1001106736	1	Cap, Dust	
31	1001146220	1	Fixture, Light	
32	1001155043	9	Washer	
33	1001155044	9	Nut 15/32	
34	1001155045	9	Switch, Toggle	
35	1001170838	1	Panel, LED	
36	1001171482	1	Gauge, Display	
37	1001188874	2	Nut	
38	1001222338	1	Module, Ground Control (Note: Recalibration Required when Replaced)	
39	1001223570	1	Decal - Display	
40	1001225120	2	Lamp	
41	1001225968	1	Lid	
42	1001225969	1	Box	
43	1001229017	1	Shield, Cable	
44	1001229018	1	Trim, Shield	

SECTION 2 - TURNTABLE

FIGURE 2-23. GROUND CONTROL PANEL DECAL INSTALLATION (WITHOUT MSSO)



ART_1001223565

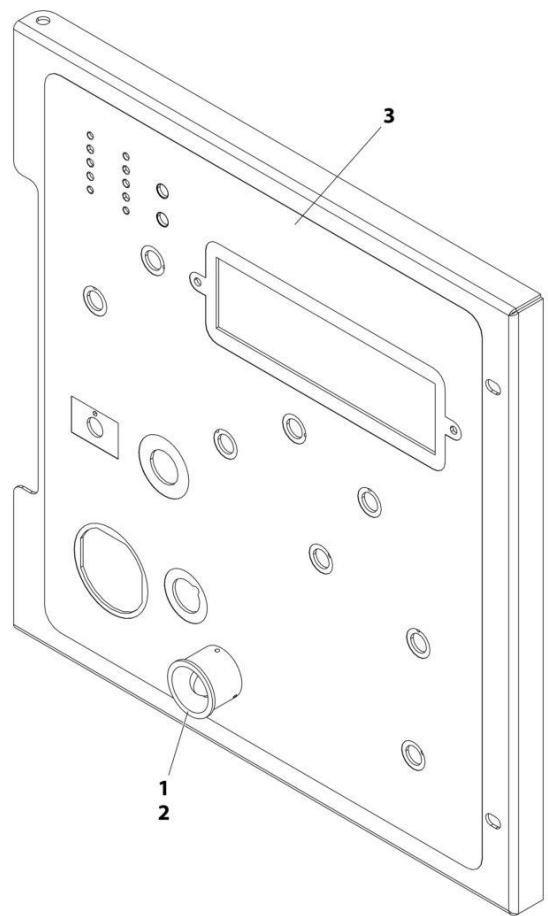
SECTION 2 - TURNTABLE

FIGURE 2-23. GROUND CONTROL PANEL DECAL INSTALLATION (WITHOUT MSSO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001223565	Ref	GROUND CONTROL PANEL DECAL INSTALLATION	B
	1001234218	1	Decal - Ground Control Box	

SECTION 2 - TURNTABLE

FIGURE 2-24. GROUND CONTROL PANEL DECAL INSTALLATION (WITH MSSO)



ART_1001223569

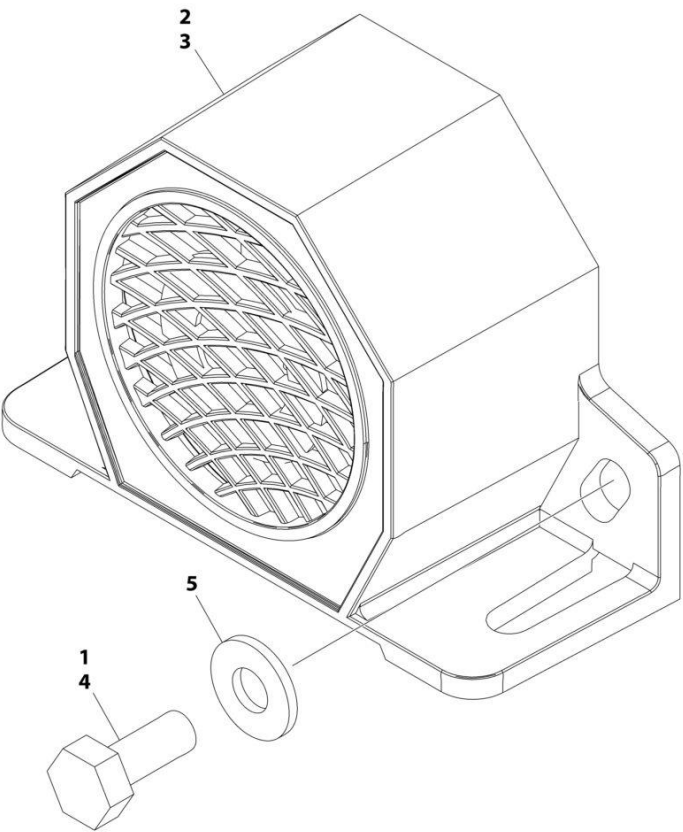
SECTION 2 - TURNTABLE

FIGURE 2-24. GROUND CONTROL PANEL DECAL INSTALLATION (WITH MSSO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223569	Ref	GROUND CONTROL PANEL DECAL INSTALLATION	B
1	4360387	1	Switch, Push Button	
2	1001176469	1	Shroud, Switch	
3	1001234219	1	Decal - Ground Control Box	

SECTION 2 - TURNTABLE

FIGURE 2-25. ALARM INSTALLATION



ART_1001158364

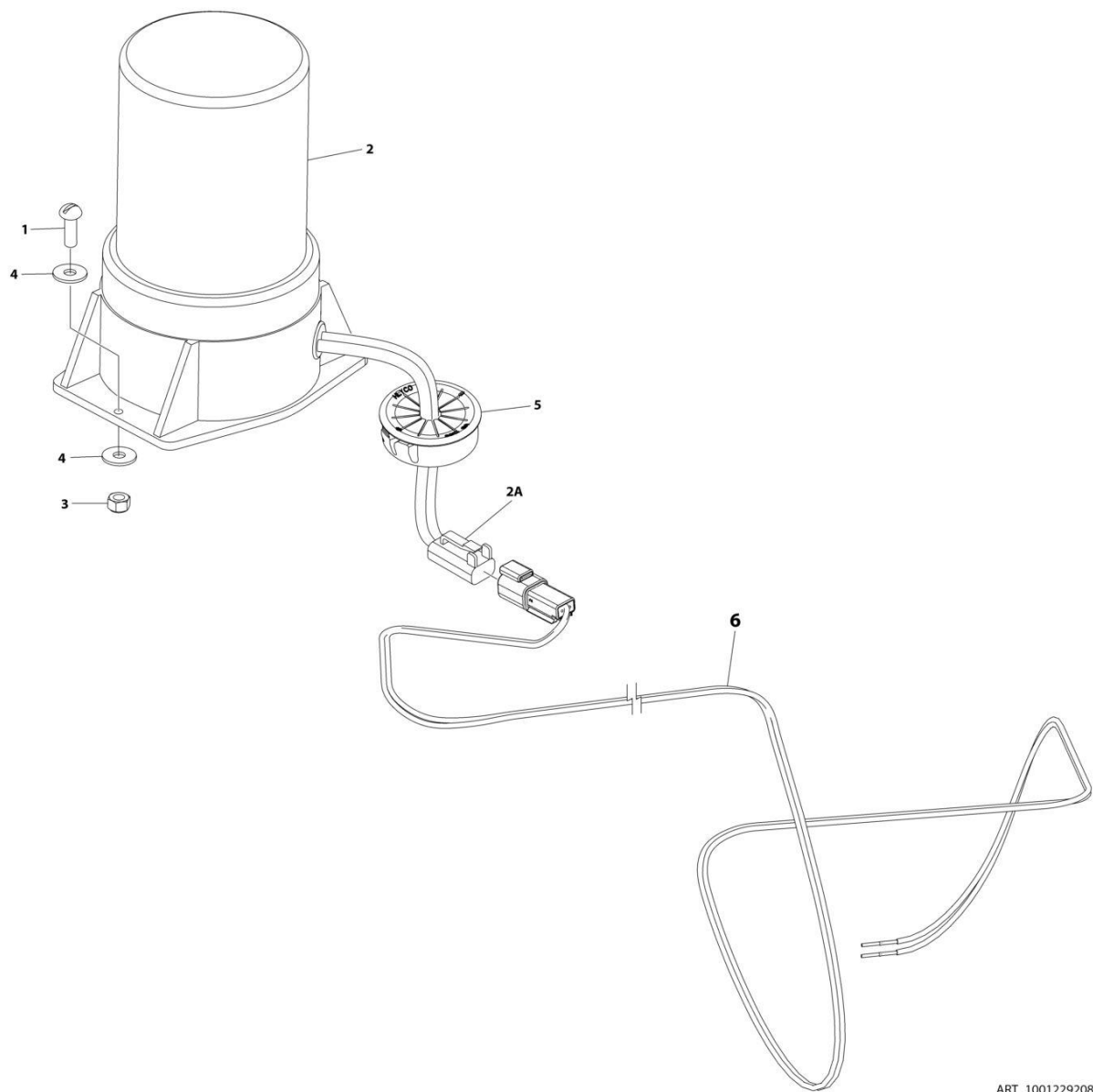
SECTION 2 - TURNTABLE

FIGURE 2-25. ALARM INSTALLATION

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

SECTION 2 - TURNTABLE

FIGURE 2-26. STROBE LIGHT INSTALLATION - AMBER (OPTIONAL)



ART_1001229208

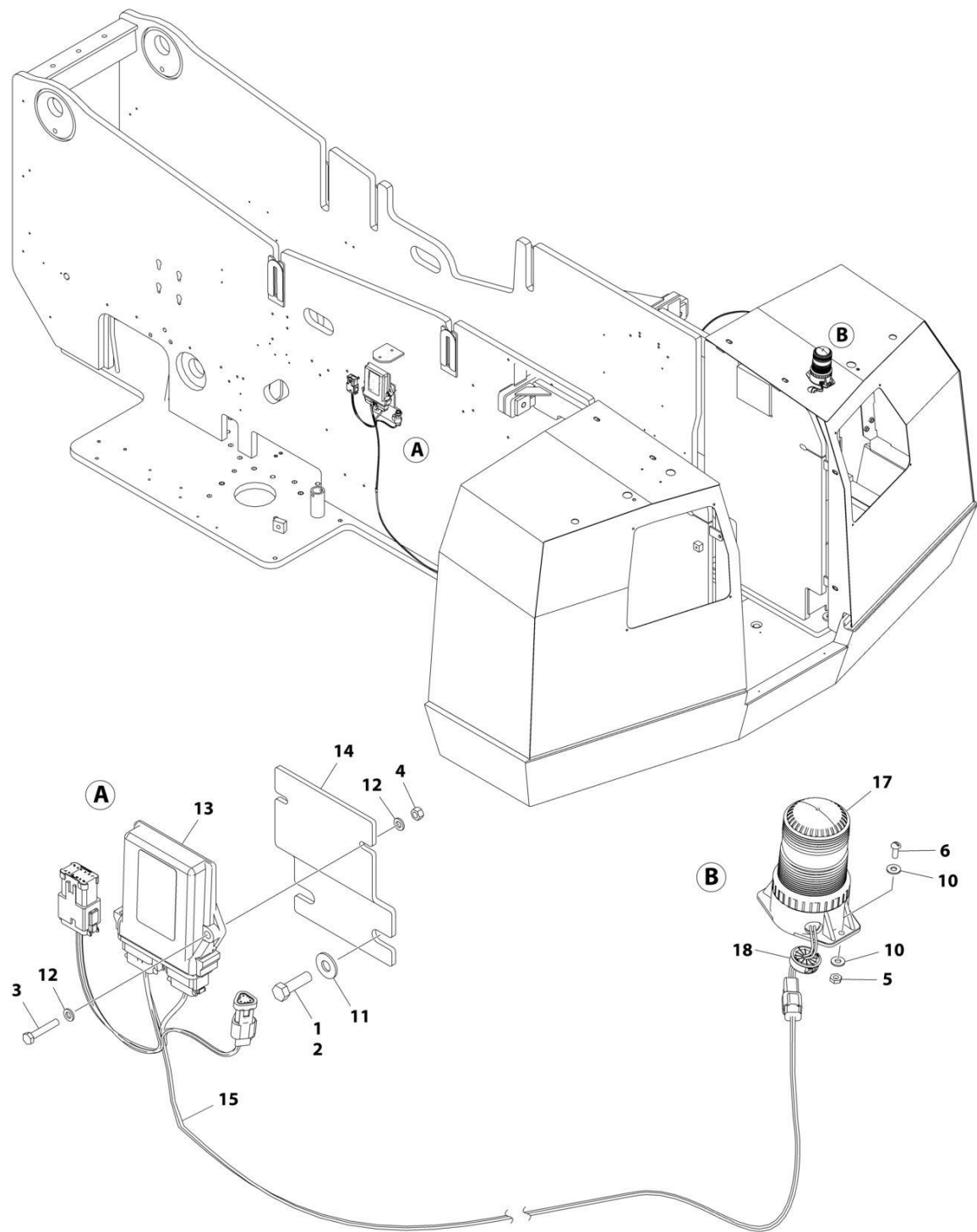
SECTION 2 - TURNTABLE

FIGURE 2-26. STROBE LIGHT INSTALLATION - AMBER (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229208	Ref	STROBE LIGHT INSTLLATION	D
1	3911010	2	Screw #10 x 5/8	
2	2920161	1	Lamp, Strobe Beacon	
2	7016319	1	Bulb	
2	7016372	1	Lens	
2A	4460891	1	Plug, Male - 2 Position	
2A	4460465	2	Socket, Female	
3	3311005	2	Nut #10	
4	4751000	4	Washer #10	
5	1001169085	1	Grommet	
6	1001231263	1	Cable, Strobe	
6	4460897	1	Receptacle, Female	
6	4460464	2	Pin, Male	
6	4460226	2	Socket, Female	

SECTION 2 - TURNTABLE

FIGURE 2-27. STROBE LIGHT INSTALLATION - BLUE (OPTIONAL) (Prior to SN 0300259698)



ART_1001228658

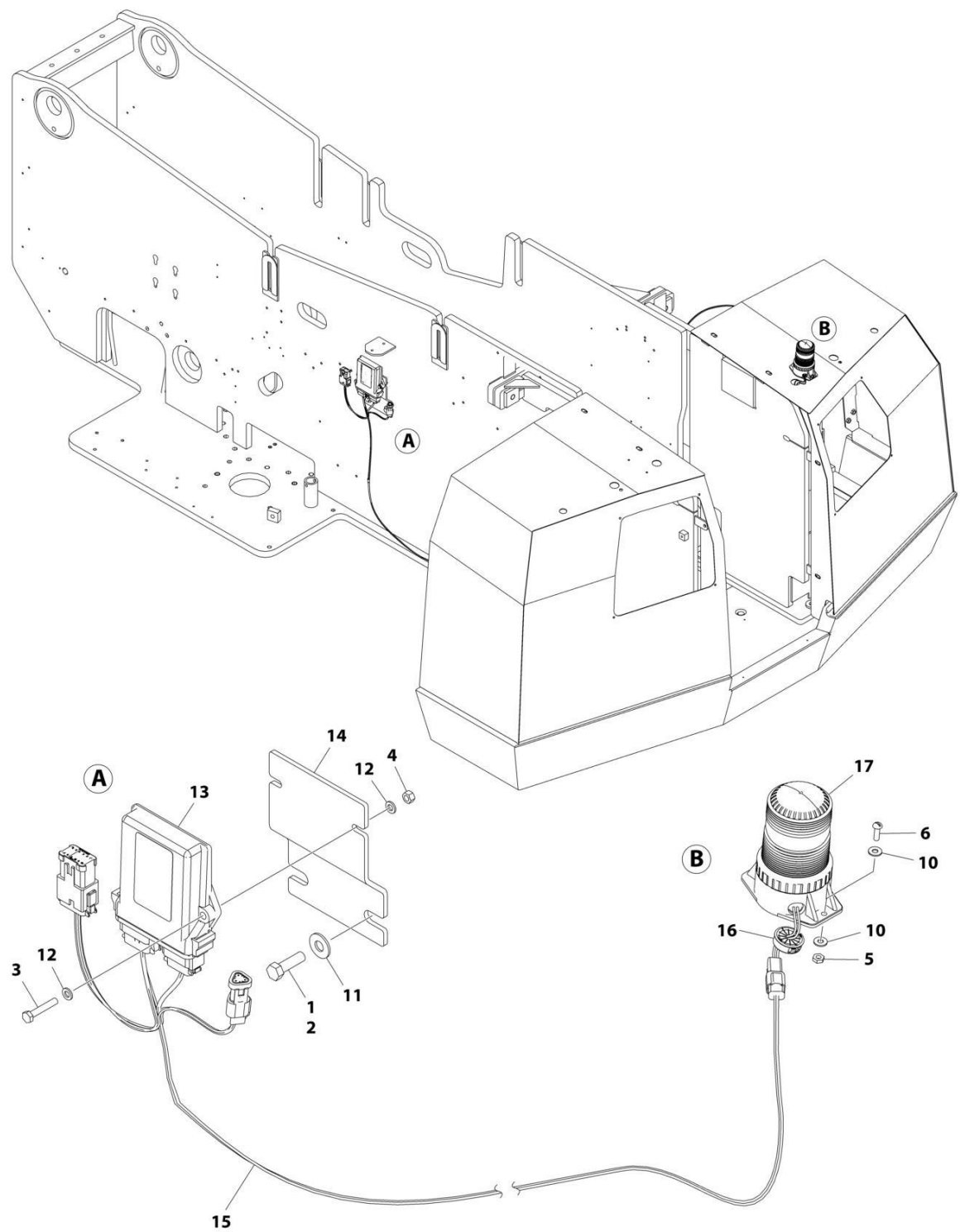
SECTION 2 - TURNTABLE

FIGURE 2-27. STROBE LIGHT INSTALLATION - BLUE (OPTIONAL) (Prior to SN 0300259698)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228658	Ref	STROBE LIGHT INSTLLATION	C
1	0100011	AR	Compound, Locking	
2	0641610	2	Bolt 3/8 x 1-1/4	
3	0700615	2	Bolt M6 x 35	
4	3290607	2	Nut M6	
5	3311005	2	Nut #10	
6	3911008	2	Screw #10 x 1/2	
7	4240032	AR	Tie-Strap (Not Shown)	
8	4240033	AR	Tie-Strap (Not Shown)	
9	4460488	AR	Mount, Tie-Strap (Not Shown)	
10	4751000	4	Washer #10	
11	4751600	2	Washer 3/8	
12	4811700	4	Washer M6	
13	1001142683	1	Module, Beacon Light	
14	1001142722	1	Bracket	
15	1001142736	1	Beacon Control Harness (See Separate Breakdown in ELECTRICAL SECTION)	
17	1001200910	1	Light, Strobe (Blue)	
18	1001169085	1	Grommet	

SECTION 2 - TURNTABLE

FIGURE 2-28. STROBE LIGHT INSTALLATION - BLUE (OPTIONAL) (SN 0300259698 through 0300270863)



ART_1001244474

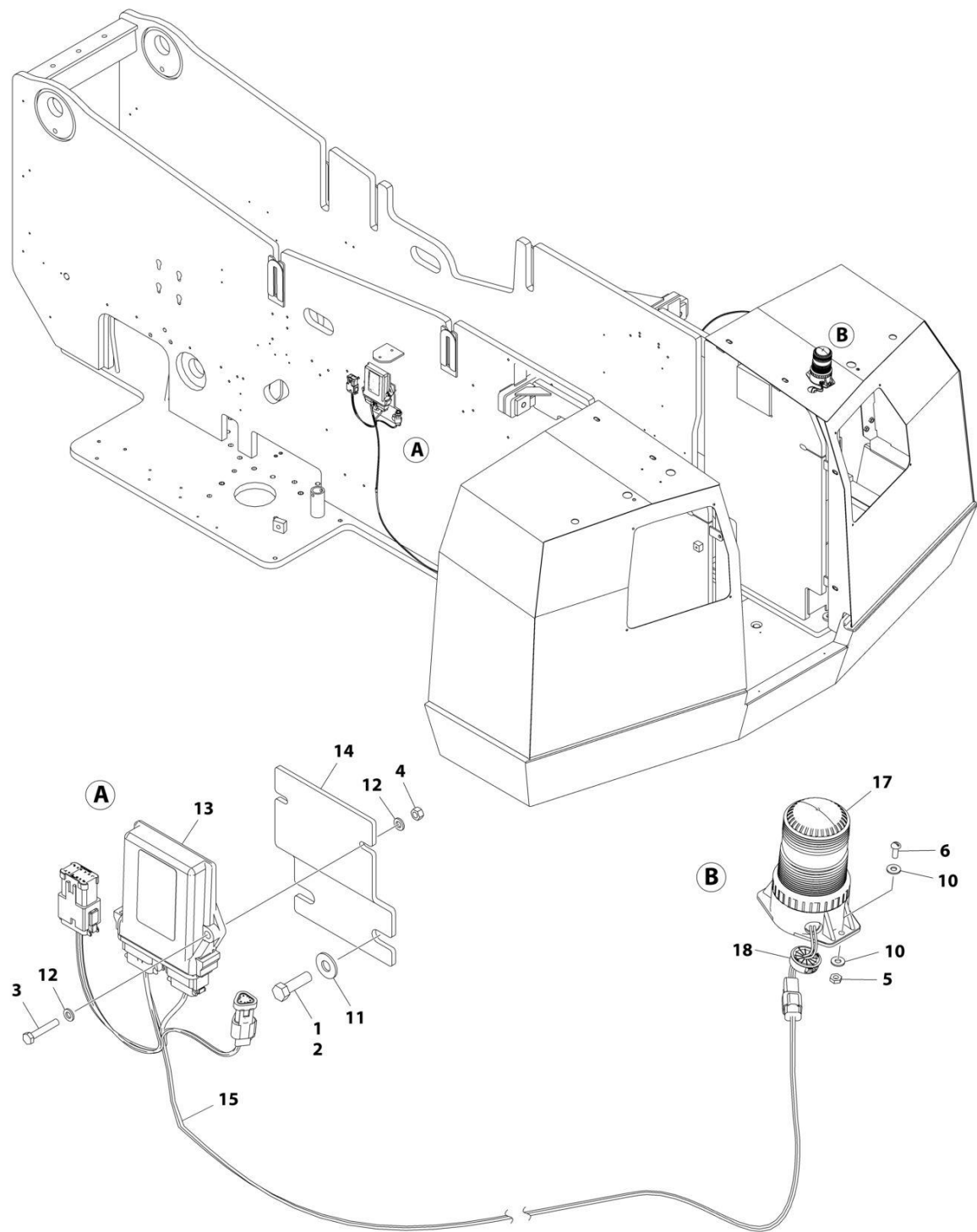
SECTION 2 - TURNTABLE

FIGURE 2-28. STROBE LIGHT INSTALLATION - BLUE (OPTIONAL) (SN 0300259698 through 0300270863)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244474	Ref	STROBE LIGHT INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641610	2	Bolt 3/8 x 1-1/4	
3	0700615	2	Bolt M6 x 35	
4	3290607	2	Nut M6	
5	3311005	2	Nut #10	
6	3911010	2	Screw #10 x 5/8	
7	4240032	AR	Tie-Strap (Not Shown)	
8	4240033	AR	Tie-Strap (Not Shown)	
9	4460488	AR	Mount, Tie-Strap (Not Shown)	
10	4751000	4	Washer #10	
11	4751600	2	Washer 3/8	
12	4811700	4	Washer M6	
13	1001142683	1	Module, Beacon Light	
14	1001142722	1	Bracket	
15	1001142736	1	Beacon Control Harness (See Separate Breakdown in ELECTRICAL SECTION)	
16	1001169085	1	Grommet	
17	1001200910	1	Light, Strobe (Blue)	

SECTION 2 - TURNTABLE

FIGURE 2-29. STROBE LIGHT INSTALLATION - RED (OPTIONAL) (Prior to SN 0300259698)



ART_1001228657

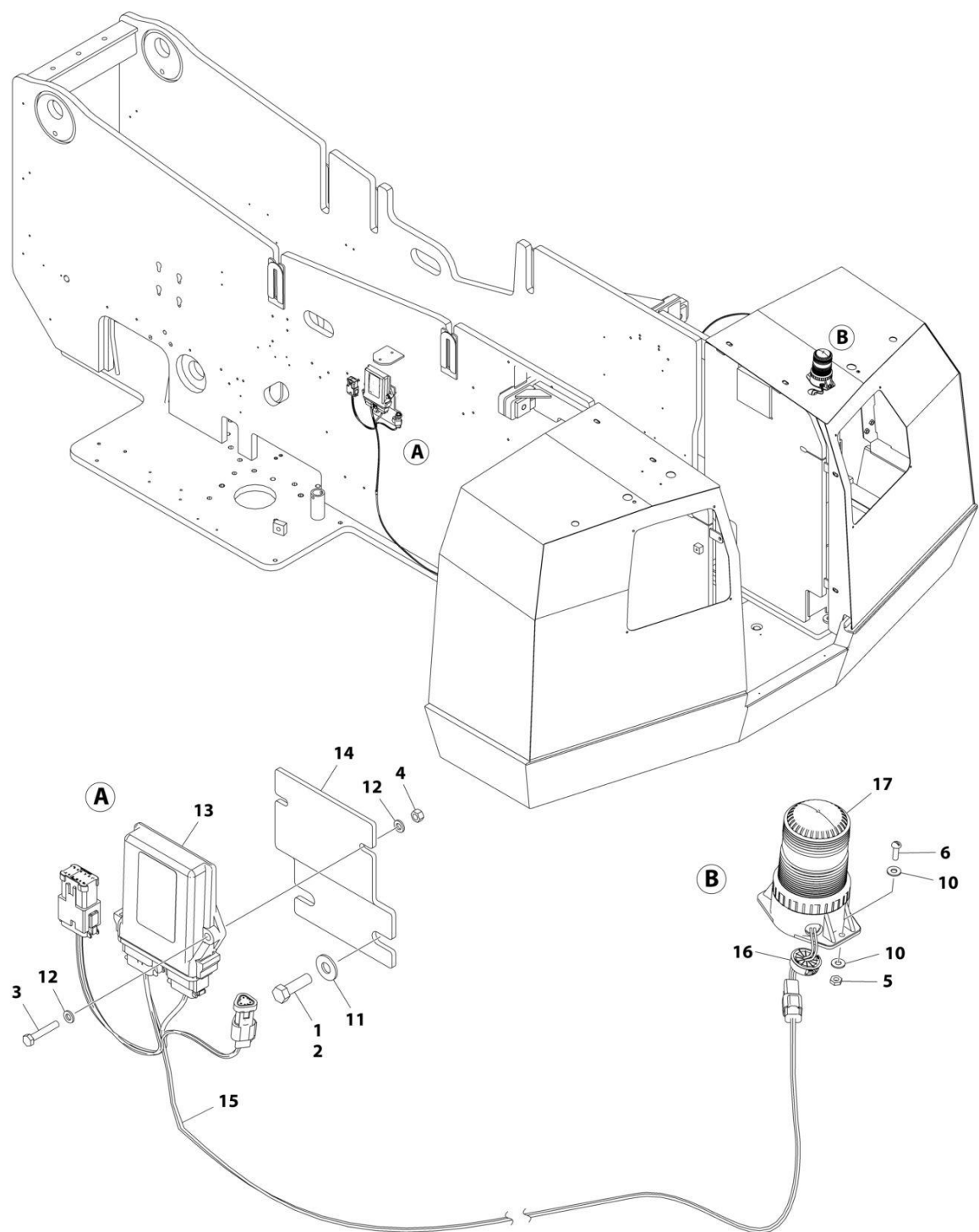
SECTION 2 - TURNTABLE

FIGURE 2-29. STROBE LIGHT INSTALLATION - RED (OPTIONAL) (Prior to SN 0300259698)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228657	Ref	STROBE LIGHT INSTLLATION	C
1	0100011	AR	Compound, Locking	
2	0641610	2	Bolt 3/8 x 1-1/4	
3	0700615	2	Bolt M6 x 35	
4	3290607	2	Nut M6	
5	3311005	2	Nut #10	
6	3911008	2	Screw #10 x 1/2	
7	4240032	AR	Tie-Strap (Not Shown)	
8	4240033	AR	Tie-Strap (Not Shown)	
9	4460488	AR	Mount, Tie-Strap (Not Shown)	
10	4751000	4	Washer #10	
11	4751600	2	Washer 3/8	
12	4811700	4	Washer M6	
13	1001142683	1	Module, Beacon Light	
14	1001142722	1	Bracket	
15	1001142736	1	Beacon Control Harness (See Separate Breakdown in ELECTRICAL SECTION)	
17	1001207004	1	Light, Strobe (Red)	
18	1001169085	1	Grommet	

SECTION 2 - TURNTABLE

FIGURE 2-30. STROBE LIGHT INSTALLATION - RED (OPTIONAL) (SN 0300259698 through 0300270863)



ART_1001244475

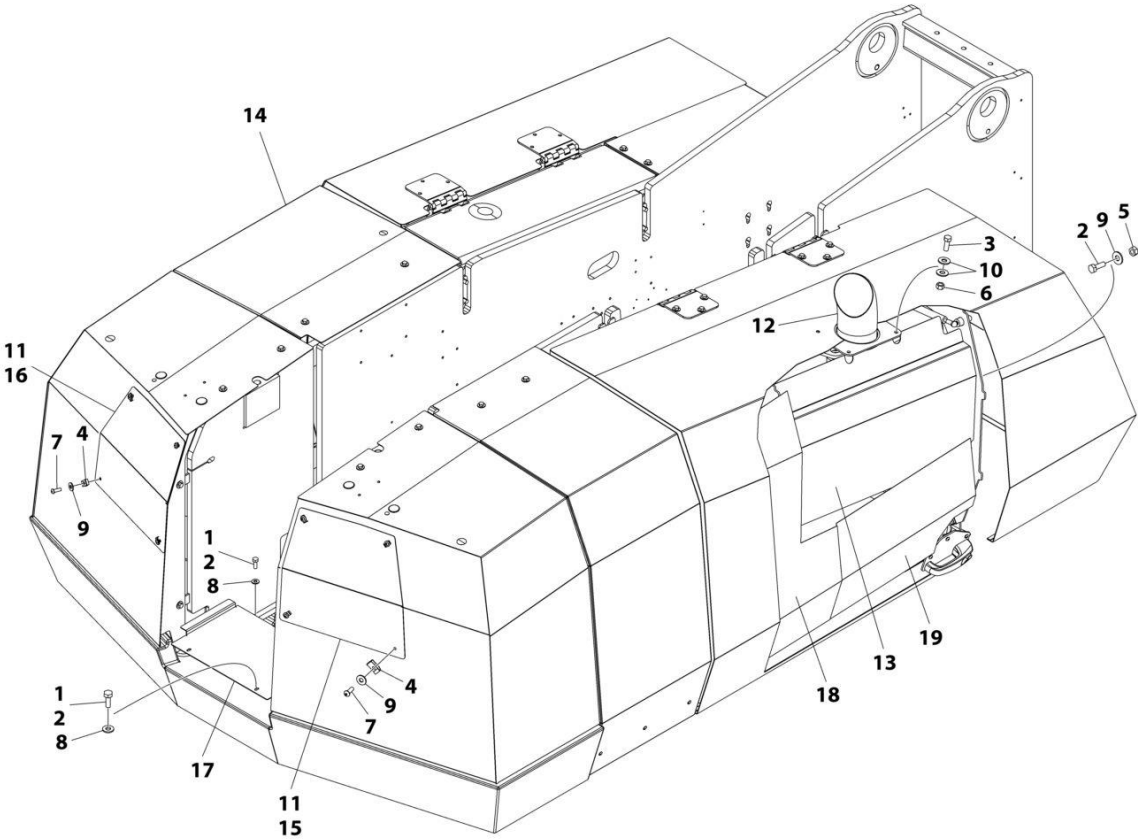
SECTION 2 - TURNTABLE

FIGURE 2-30. STROBE LIGHT INSTALLATION - RED (OPTIONAL) (SN 0300259698 through 0300270863)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244475	Ref	STROBE LIGHT INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641610	2	Bolt 3/8 x 1-1/4	
3	0700615	2	Bolt M6 x 35	
4	3290607	2	Nut M6	
5	3311005	2	Nut #10	
6	3911010	2	Screw #10 x 5/8	
7	4240032	AR	Tie-Strap (Not Shown)	
8	4240033	AR	Tie-Strap (Not Shown)	
9	4460488	AR	Mount, Tie-Strap (Not Shown)	
10	4751000	4	Washer #10	
11	4751600	2	Washer 3/8	
12	4811700	4	Washer M6	
13	1001142683	1	Module, Beacon Light	
14	1001142722	1	Bracket	
15	1001142736	1	Beacon Control Harness (See Separate Breakdown in ELECTRICAL SECTION)	
16	1001169085	1	Grommet	
17	1001207004	1	Light, Strobe (Red)	

SECTION 2 - TURNTABLE

FIGURE 2-31. HEAT SHIELD AND ACCESS PANELS INSTALLATION



ART_1001227307

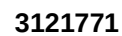
SECTION 2 - TURNTABLE

FIGURE 2-31. HEAT SHIELD AND ACCESS PANELS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227307	Ref	HEAT SHIELD AND ACCESS PANELS INSTALLATION	E
1	0100011	AR	Compound, Locking	
2	0641406	7	Bolt 1/4 x 3/4	
3	0641608	4	Bolt 3/8 x 1	
4	3300454	8	Nut, Tinnerman 1/4	
5	3311405	3	Nut 1/4	
6	3311605	4	Nut 3/8	
7	3900258	8	Screw 1/4 x 3/4	
8	4711400	4	Washer 1/4	
9	4751400	11	Washer 1/4	
10	4751600	8	Washer 3/8	
11	1001113047	11 ft/ 3.3m	Seal	
12	1001144527	1	Pipe, Exhaust	
13	1001163101	1	Heat Shield	
14	1001227793	1	Hood Installation (See Separate Breakdown in this Section)	
15	1001228113	1	Panel, Access	
16	1001228475	1	Panel, Access	
17	1001229098	1	Cover	
18	1001235839	1	Insulate	
19	1001236370	1	Insulate	

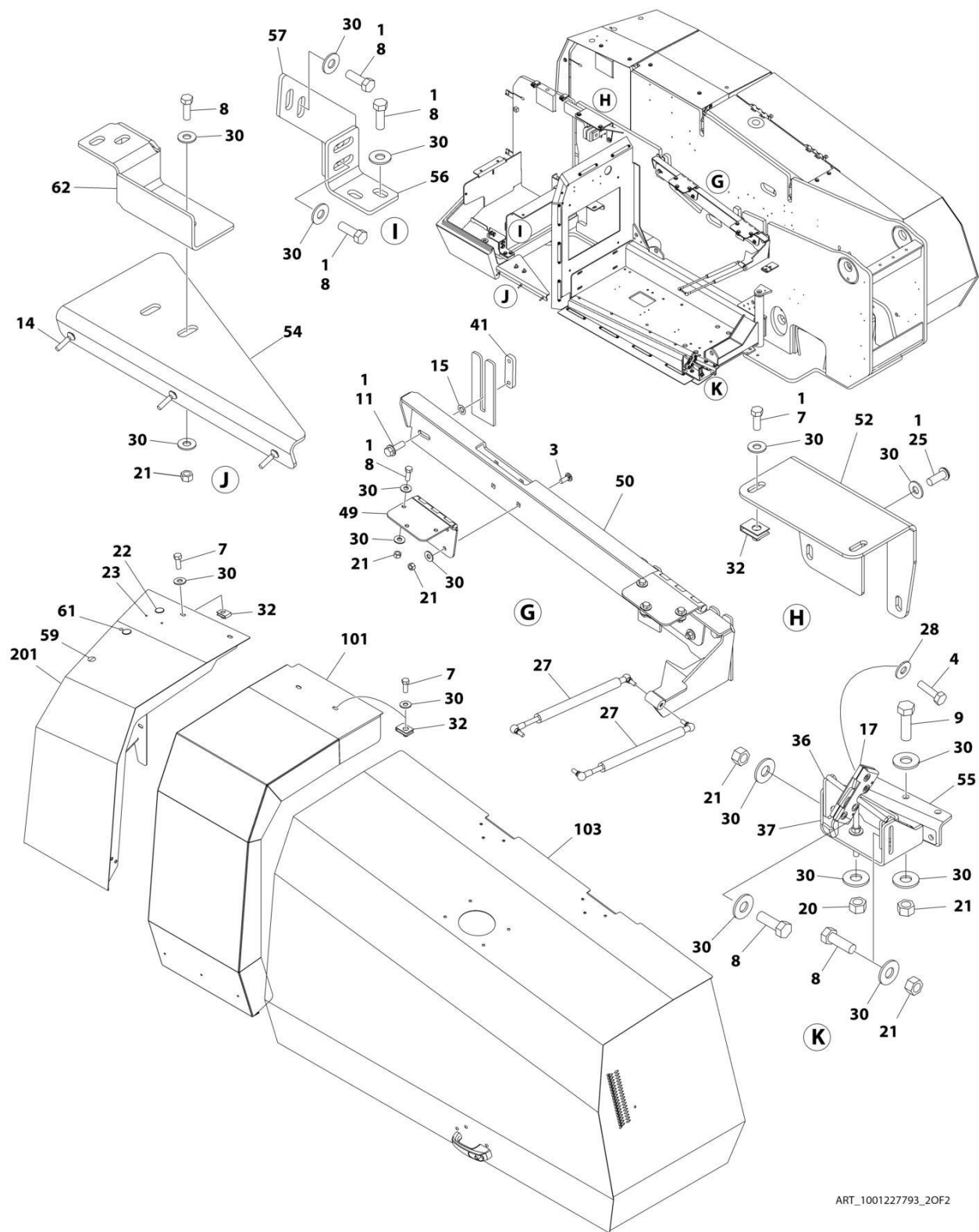
120

H800AJ



ART_1001227793_1OF2

SECTION 2 - TURNTABLE



ART_1001227793_2OF2

SECTION 2 - TURNTABLE

FIGURE 2-32. HOODS INSTALLATION

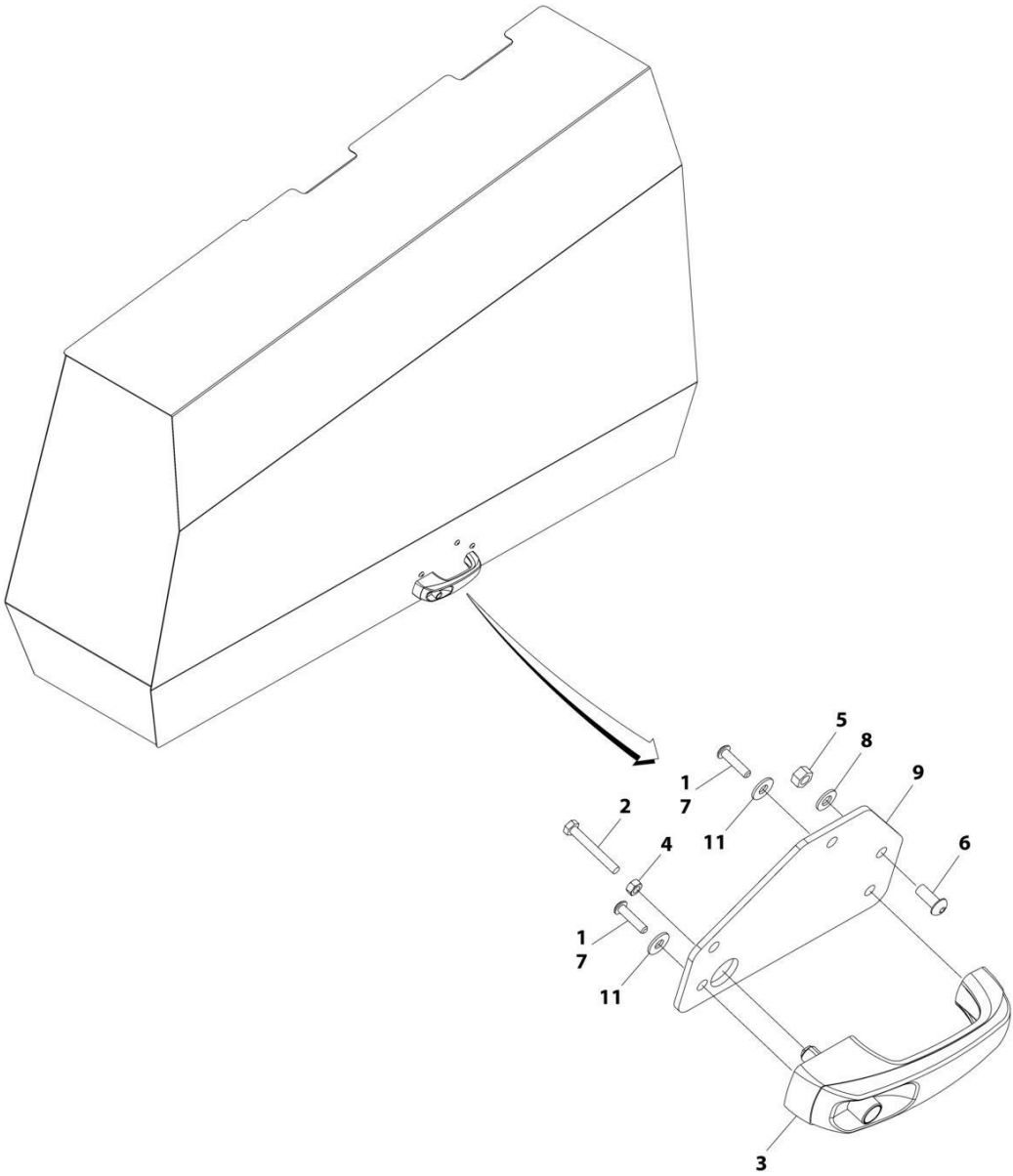
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227793	Ref	HOODS INSTALLATION	F
1	0100011	AR	Compound, Locking	
2	0100081	AR	Adhesive	
3	0630485	8	Bolt	
4	0641408	8	Bolt 1/4 x 1	
5	0641508	2	Bolt 5/16 x 1	
6	0641607	4	Bolt 3/8 x 7/8	
7	0641608	22	Bolt 3/8 x 1	
8	0641609	26	Bolt 3/8 x 1-1/8	
9	0641610	2	Bolt 3/8 x 1-1/4	
10	0811610	8	Screw 3/8 x 1-1/4	
11	0811812	8	Screw 1/2 x 1-1/2	
12	0940049	1	Stopper	
13	1120601	1	Plug	
14	2080040	6	Fastener	
15	2080072	4	Fastener	
16	2940045	1	Latch	
17	2940173	2	Latch	
18	3300364	3	Nut, Tinnerman 5/16	
19	3311501	4	Nut 5/16	
20	3311601	6	Nut 3/8	
21	3311605	32	Nut 3/8	
22	3520032	4	Plug	
23	3520173	4	Plug	
24	3900210	3	Screw 5/16 x 3/4	
25	3900316	7	Screw 3/8 x 1	
27	4160194	4	Spring, Gas	
28	4751400	8	Washer 1/4	
29	4751500	7	Washer 5/16	
30	4751600	AR	Washer 3/8	
31	8310070	8	Pushnut 3/8	
32	88662523	12	Nut, Tinnerman	
33	1001110166	4.9 ft/ 1.5m	Seal	
34	1001113047	6.4 ft/ 2m	Seal	
36	1001235944	NLA	Bracket (Use p/n 1001246822) (Prior to SN 0300253862)	
36	1001246822	1	Bracket (SN 0300253862 through 0300270863)	
37	1001235943	NLA	Bracket (Use p/n 1001246820) (Prior to SN 0300253862)	
37	1001246820	1	Bracket (SN 0300253862 through 0300270863)	
38	1001117568	1	Bracket	
39	1001121122	AR	Shim 3mm	
40	1001121123	AR	Shim 1.5mm	
41	1001150260	4	Plate	
42	1001155895	1	Mount	
43	1001155899	1	Spacer	
44	1001157612	1	Bracket	
45	1001230008	1	Bracket	
46	1001230014	1	Bracket	
47	1001161089	1	Bracket	
48	1001186251	1	Plate	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49	1001186254	1	Hinge	
50	1001196768	1	Mount	
51	1001226452	1	Bracket	
52	1001226453	1	Bracket	
53	1001227731	1	Door	
54	1001227735	1	Bracket	
55	1001227798	1	Mount	
56	1001228359	2	Bracket	
57	1001228403	1	Bracket	
58	1001228517	1	Bracket	
59	1001131130	2	Plug	
60	1001230010	AR	Shim	
61	1001226421	2	Plug	
62	1001235518	1	Bracket	
63	3520030	1	Plug	
64	4060805	9 in/ 0.23m	Flex-Trim	
100	1001227794	Ref	Hood Kit	
101	1001117219	1	Hood, Engine Side (Fixed)	
102	1001157209	1	Hood Assembly - Tank Side (See Separate Breakdown in this Section)	
103	1001232084	1	Hood Assembly - Engine Side (Note: Heat Shield must be Installed Before Being put back into Service) (See Separate Breakdown in this Section)	
104	1001227734	1	Hood, Tank Side (Fixed)	
200	1001229556	Ref	Battery Cover Kit	
201	1001228882	1	Cover, Engine Side (Rear)	
202	1001228945	1	Cover, Tank Side (Rear)	

SECTION 2 - TURNTABLE

FIGURE 2-33. HOOD ASSEMBLY - TANK SIDE



ART_1001157209

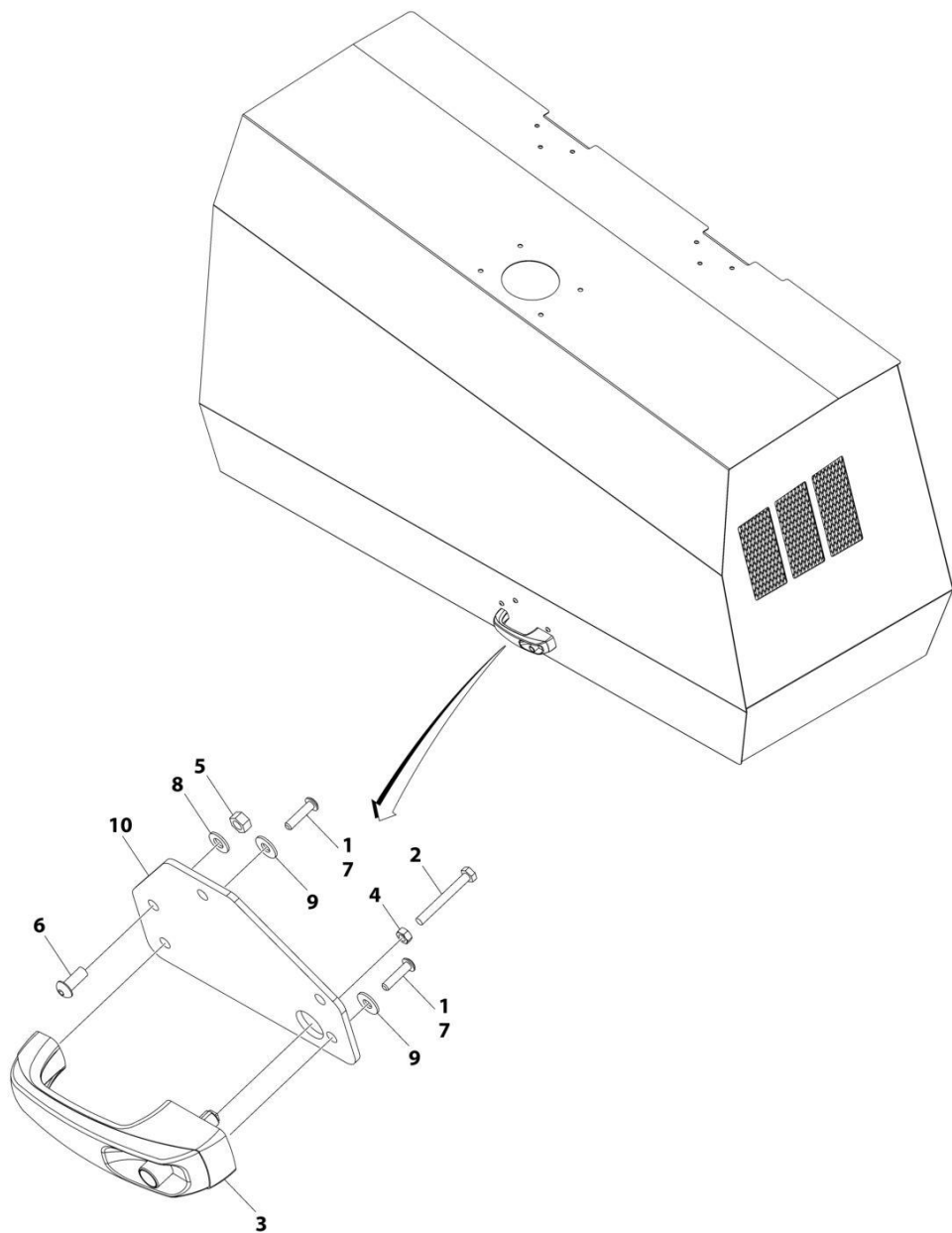
SECTION 2 - TURNTABLE

FIGURE 2-33. HOOD ASSEMBLY - TANK SIDE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001157209	Ref	HOOD ASSEMBLY	B
1	0100011	AR	Compound, Locking	
2	0700617	1	Bolt M6 x 45	
3	2560187	1	Handle, Push Button	
4	3290601	1	Nut M6	
5	3311505	3	Nut 5/16	
6	3900210	3	Screw 5/16 x 3/4	
7	3900363	2	Screw M6 x 25	
8	4711500	3	Washer 5/16	
9	1001116290	1	Plate, Latch Mounting	
11	4751400	2	Washer 1/4	

SECTION 2 - TURNTABLE

FIGURE 2-34. HOOD ASSEMBLY - ENGINE SIDE



ART_1001232084

SECTION 2 - TURNTABLE

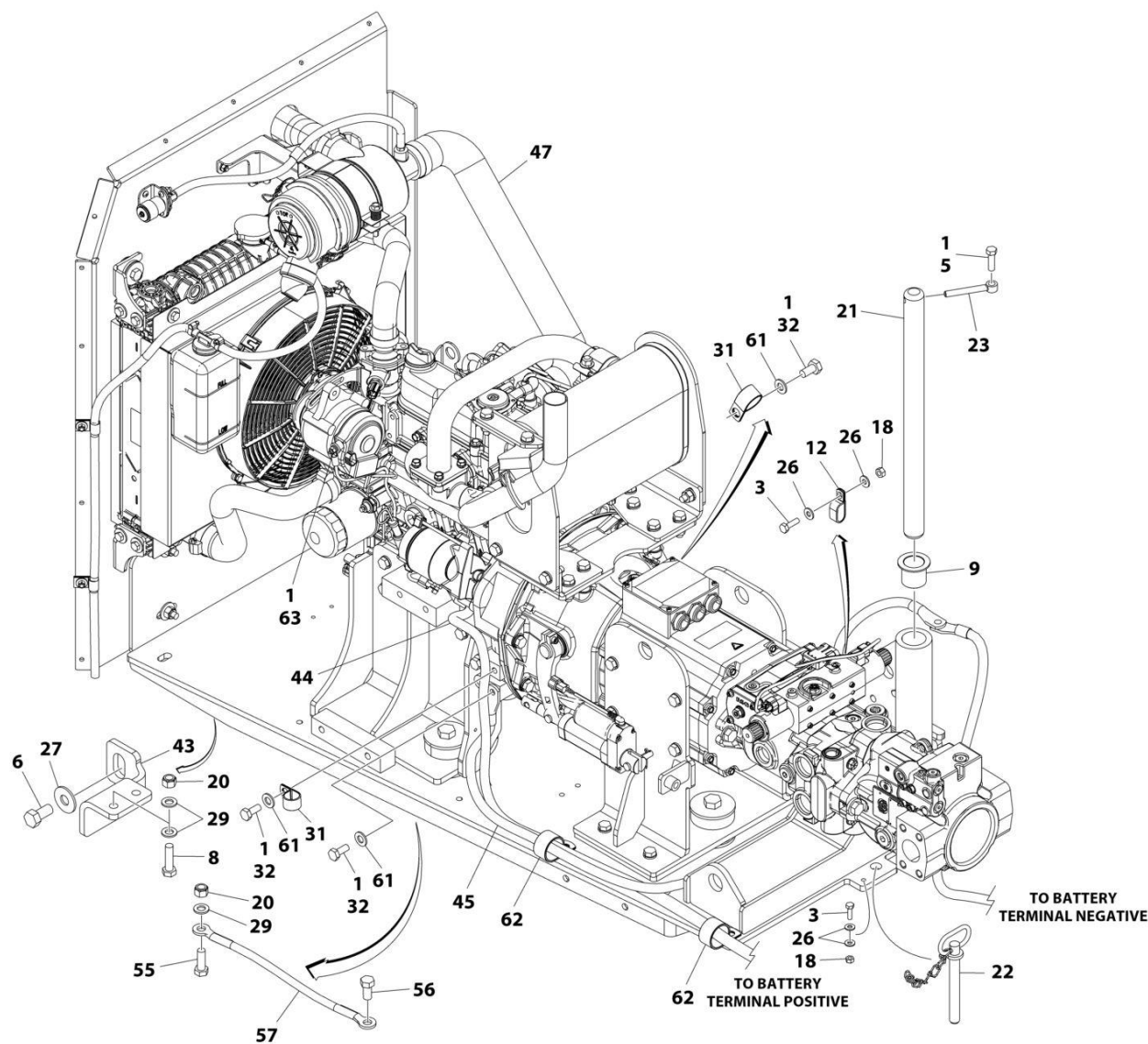
FIGURE 2-34. HOOD ASSEMBLY - ENGINE SIDE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232084	Ref	HOOD ASSEMBLY	B
1	0100011	AR	Compound, Locking	
2	0700618	1	Bolt M6 x 50	
3	2560187	1	Handle, Push Button	
4	3290601	1	Nut M6	
5	3311505	3	Nut 5/16	
6	3900210	3	Screw 5/16 x 3/4	
7	3900363	2	Screw M6 x 25	
8	4711500	3	Washer 5/16	
9	4751400	2	Washer 1/4	
10	1001116290	1	Plate, Latch Mounting	

SECTION 3 - ENGINE

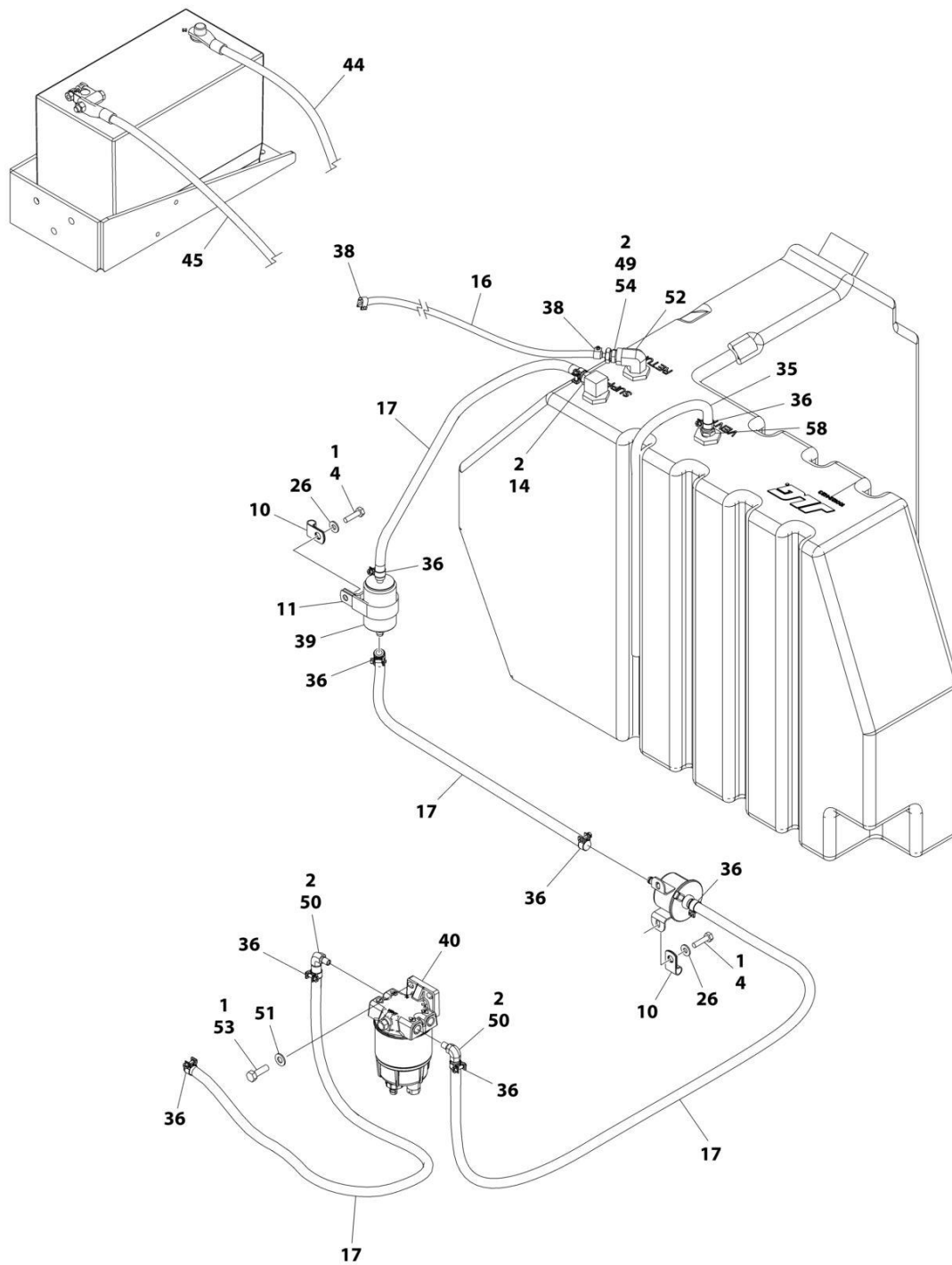
SECTION 3 - ENGINE

FIGURE 3-1. ENGINE INSTALLATION



ART_1001226669_10F2

SECTION 3 - ENGINE



ART_1001226669_2OF2

SECTION 3 - ENGINE

FIGURE 3-1. ENGINE INSTALLATION

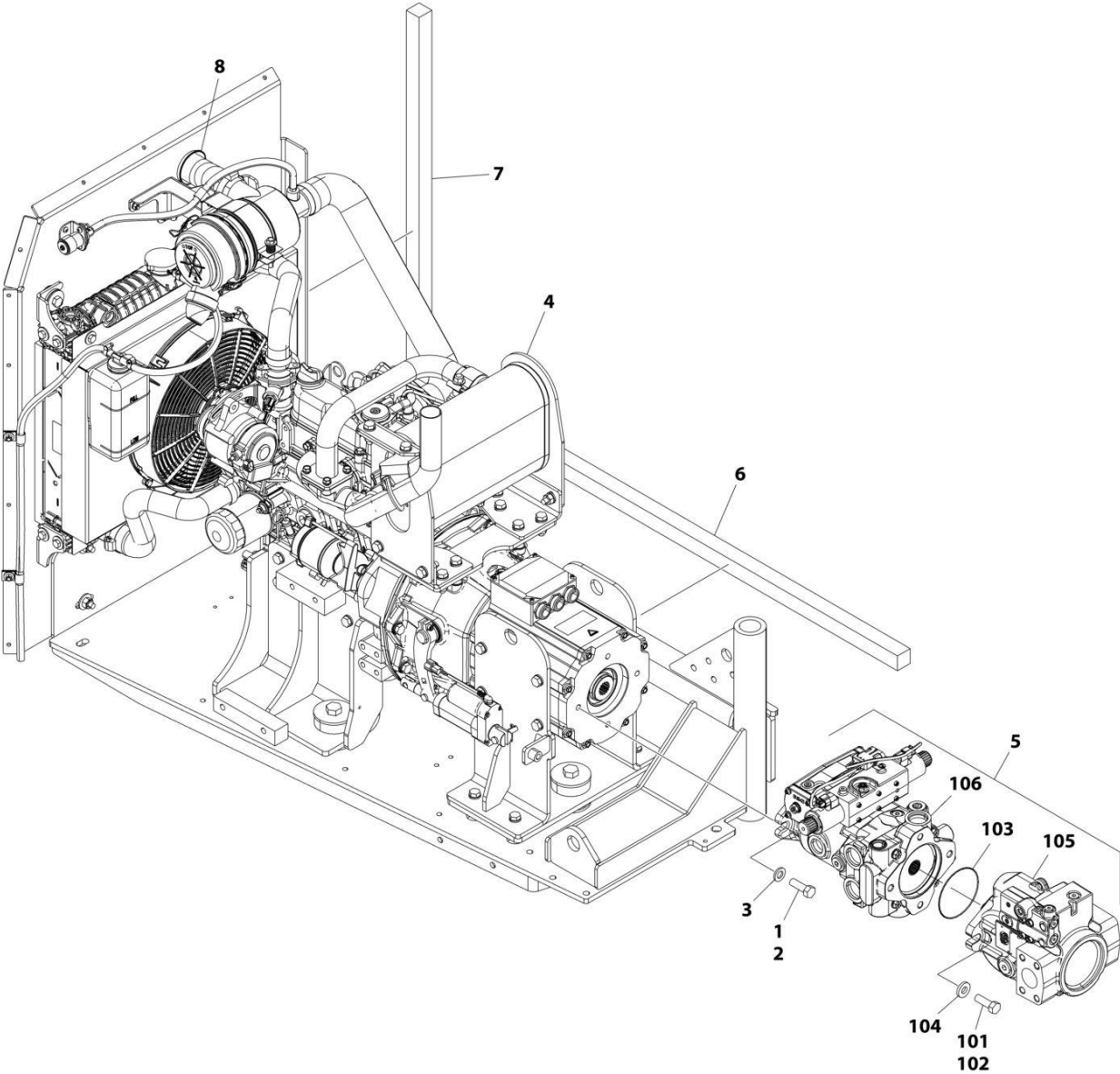
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226669	Ref	ENGINE INSTALLATION	H
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant	
3	0641407	2	Bolt 1/4 x 7/8	
4	0641408	3	Bolt 1/4 x 1	
5	0641610	1	Bolt 3/8 x 1-1/4	
6	0642016	1	Bolt 5/8 x 2	
8	0701217	2	Bolt M12 x 45	
9	0961986	2	Bearing	
10	1320263	2	Clamp	
11	1320265	1	Clamp	
12	1321385	1	Clamp	
14	2180348	1	Fitting, NPT/Barbed	
15	2300004	AR	Coolant (Not Shown)	
16	2720271	13 ft/ 3.97m	Hose	
17	2720058	12.5 ft/ 3.8m	Hose	
18	3271405	2	Nut 1/4	
20	3291205	3	Nut M12	
21	3422446	1	Pin	
22	3422533	1	Pin	
23	3841143	1	Keeper, Pin	
25	4240099	3	Tie-Strap (Not Shown)	
26	4711400	7	Washer 1/4	
27	4752000	1	Washer 5/8	
29	4812100	5	Washer M12	
31	80683013	2	Clamp	
32	1001118746	3	Bolt M10 x 25	
34	1001159301	AR	Oil, Engine (Not Shown)	
35	1001165035	50 in/ 127cm	Hose	
36	1001174486	9	Clamp	
38	1001185585	2	Clamp	
39	1001190545	1	Filter, Fuel	
40	1001190609	1	Fuel/Water Separator Assembly (See Separate Breakdown in this Section)	
42	1001230605	1	Engine Harness (Not Shown) (See Separate Breakdown in ELECTRICAL SECTION)	
43	1001236341	1	Plate	
44	1001225731	1	Cable, Battery (Positive)	
45	1001225733	1	Cable, Battery (Negative)	
46	1001225985	1	Cable, Alternator (Not Shown)	
47	1001226549	1	Engine and Pumps Sub-Assembly (See Separate Breakdown in this Section) (Prior to SN 0300259343)	
47	1001237933	1	Engine and Pumps Sub-Assembly (See Separate Breakdown in this Section) (SN 0300259343 through 0300270863)	
49	2220250	1	Fitting NPT/NPT	
50	2221046	2	Fitting, 90	
51	4711500	2	Washer 5/16	
52	8540205	1	Fitting, 90 FNPTF/NPTF	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
53	0641508	2	Bolt 5/16 x 1	
54	2180666	1	Fitting, NPT/Barbed	
55	0761215	1	Bolt M12 x 35	
56	0641808	1	Bolt 1/2 x 1	
57	1060637	1	Lanyard	
58	2180876	1	Fitting, NPT/Barbed	
59	1001232528	1	Seal (Not Shown)	
61	4812000	3	Washer M10	
62	85841150	2	Clamp	
63	3290601	1	Nut M6	
100	1001237291	1	Battery Cable Kit (Includes Items 44 & 45) (Not Shown)	

SECTION 3 - ENGINE

FIGURE 3-2. ENGINE AND PUMPS SUB-ASSEMBLY (Prior to SN 0300259343)



ART_1001226549

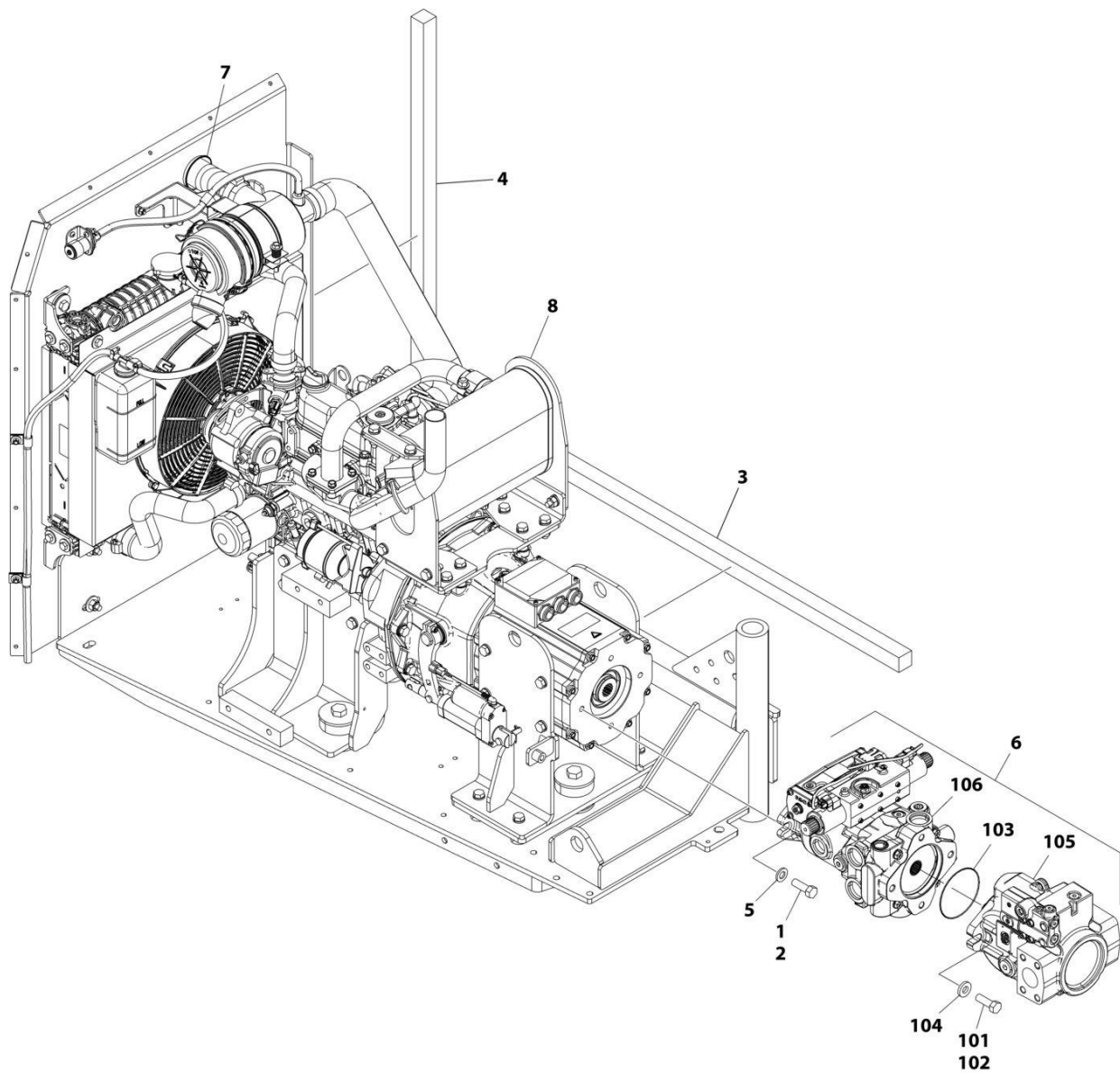
SECTION 3 - ENGINE

FIGURE 3-2. ENGINE AND PUMPS SUB-ASSEMBLY (Prior to SN 0300259343)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226549	Ref	ENGINE AND PUMPS SUB-ASSEMBLY	C
1	0100011	AR	Compound, Locking	
2	0641812	2	Bolt 1/2 x 1-1/2	
3	5241200	2	Washer M12	
4	1001223754	1	Engine Assembly (See Separate Breakdown in this Section)	
5	1001226551	1	Pump Sub-Assembly (Includes Items 101-106)	
6	3960468	1	Seal	
7	3960469	1	Seal	
8	1001232529	1	Seal	
101	0100011	AR	Compound, Locking	
102	0641812	2	Bolt 1/2 x 1-1/2	
103	3790044	1	O-Ring	
104	4891800	2	Washer 1/2	
105	1001094595	1	Variable Pump Assembly (See Separate Breakdown in this Section)	
106	1001225745	1	Hydrostatic Pump Assembly (See Separate Breakdown in this Section)	

SECTION 3 - ENGINE

FIGURE 3-3. ENGINE AND PUMPS SUB-ASSEMBLY (SN 0300259343 through 0300270863)



ART_1001237933

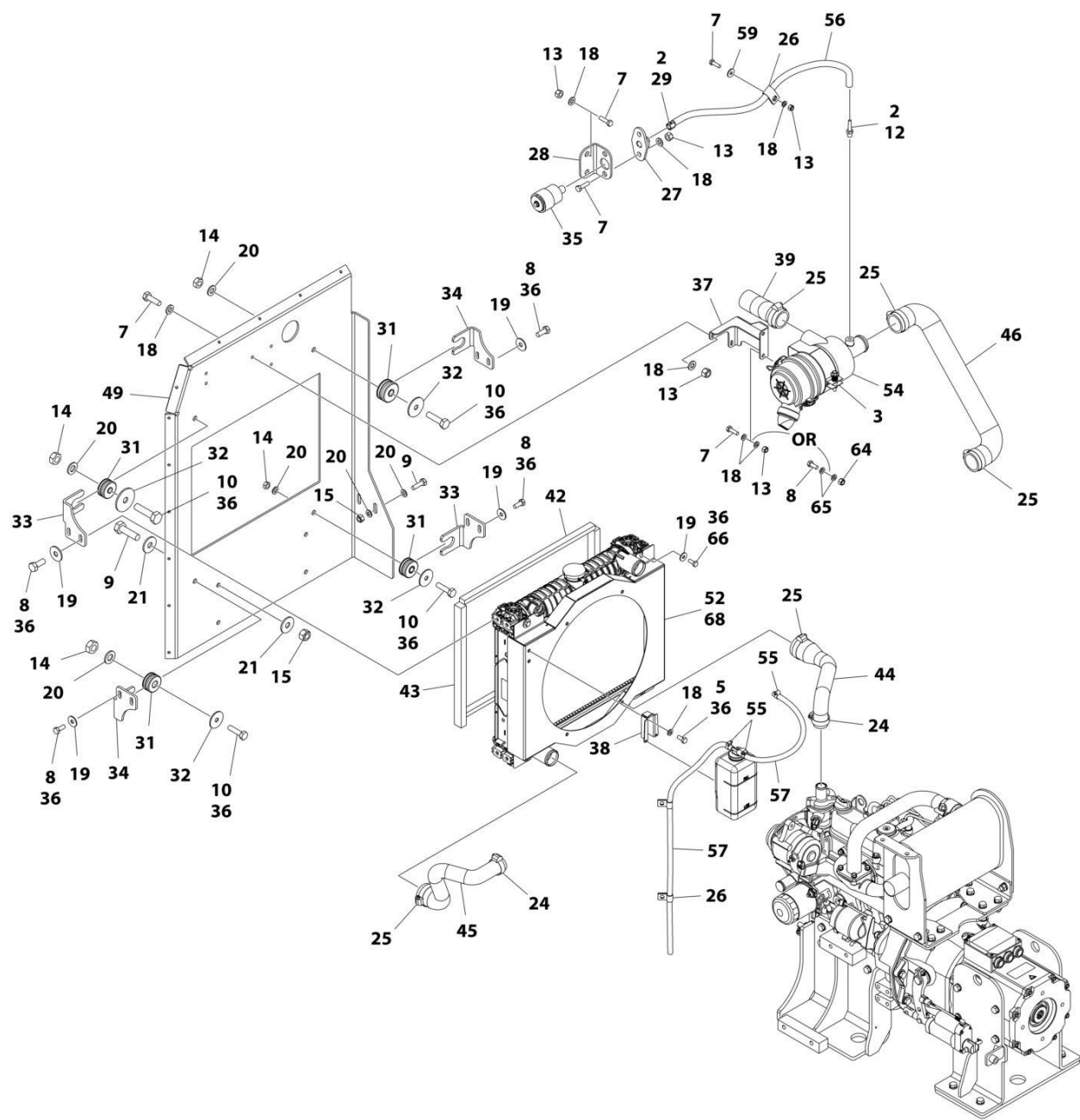
SECTION 3 - ENGINE

FIGURE 3-3. ENGINE AND PUMPS SUB-ASSEMBLY (SN 0300259343 through 0300270863)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237933	Ref	ENGINE AND PUMPS SUB-ASSEMBLY	A
1	0100011	AR	Compound, Locking	
2	0641812	2	Bolt 1/2 x 1-1/2	
3	3960468	1	Seal	
4	3960469	1	Seal	
5	5241200	2	Washer M12	
6	1001226551	1	Pump Sub-Assembly (Includes Items 101-106)	
7	1001232529	1	Seal	
8	1001237932	1	Engine Assembly (See Separate Breakdown in this Section)	
101	0100011	AR	Compound, Locking	
102	0641812	2	Bolt 1/2 x 1-1/2	
103	3790044	1	O-Ring	
104	4891800	2	Washer 1/2	
105	1001094595	1	Variable Pump Assembly (See Separate Breakdown in this Section)	
106	1001225745	1	Hydrostatic Pump Assembly (See Separate Breakdown in this Section)	

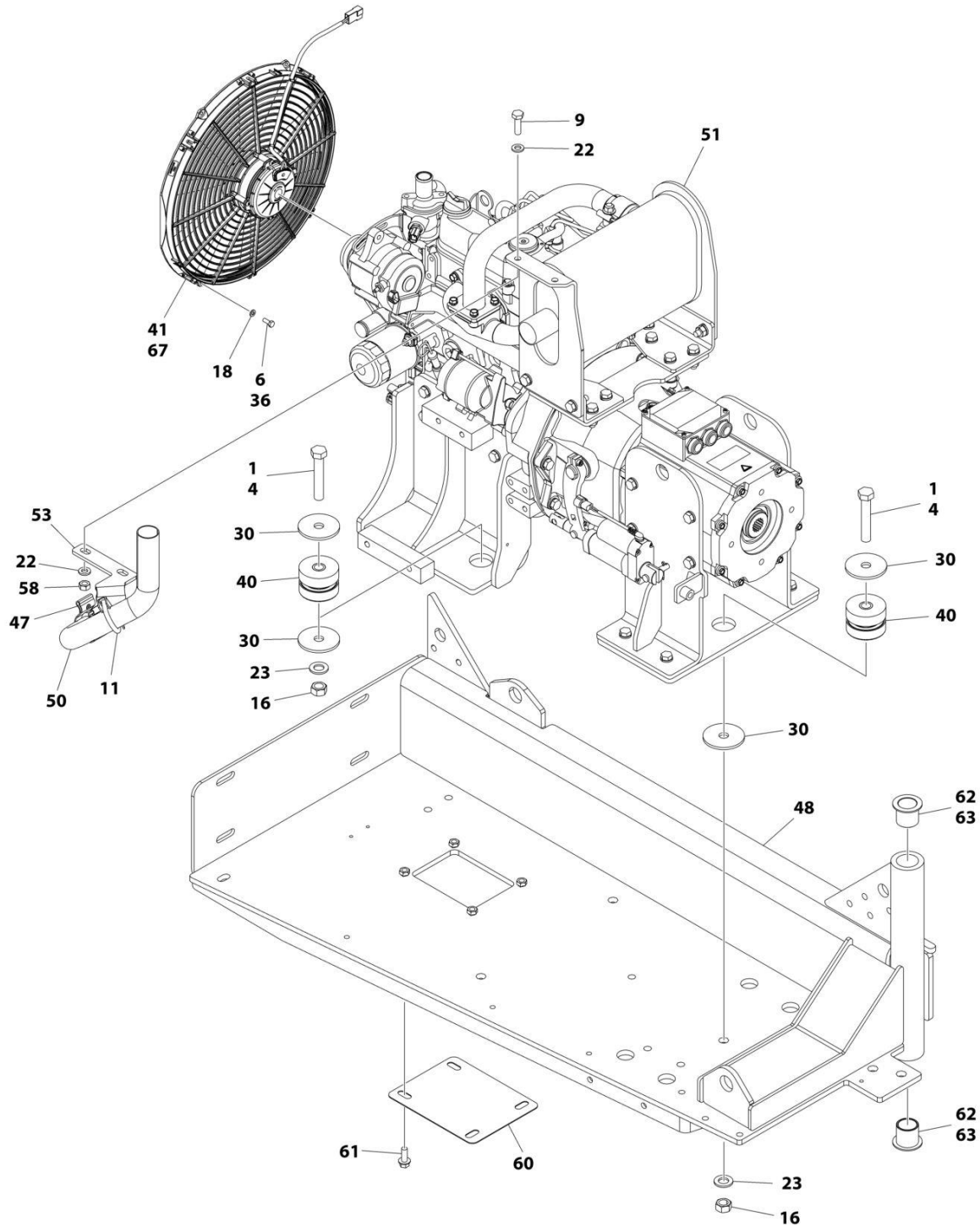
SECTION 3 - ENGINE

FIGURE 3-4. ENGINE AND TRAY ASSEMBLY (Prior to SN 0300259343)



ART_1001223754_10F2

SECTION 3 - ENGINE



ART_1001223754_2OF2

SECTION 3 - ENGINE

FIGURE 3-4. ENGINE AND TRAY ASSEMBLY (Prior to SN 0300259343)

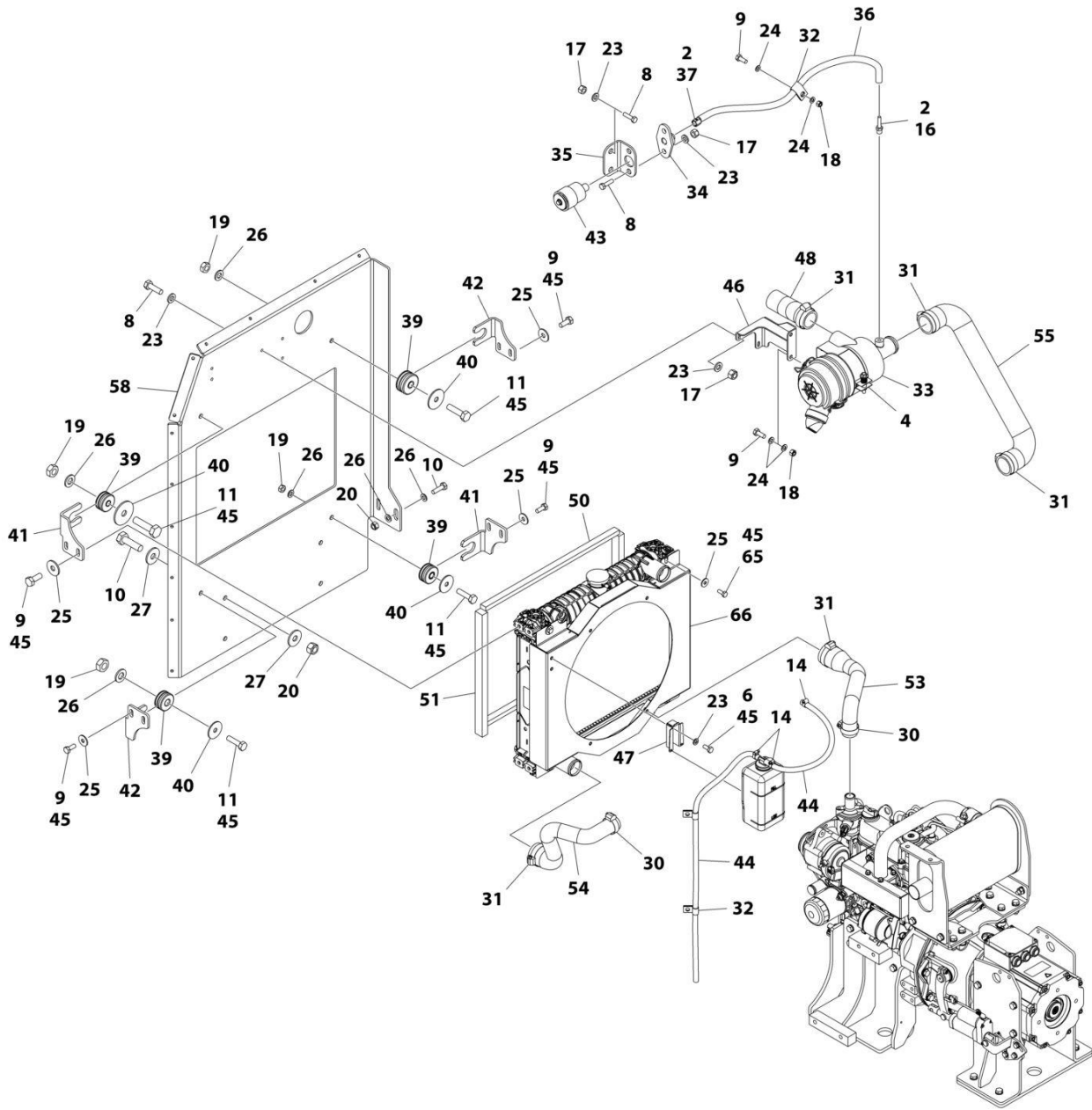
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223754	Ref	ENGINE AND TRAY ASSEMBLY	I
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant	
3	0340045	1	Band	
4	0711626	3	Bolt M16 x 90 Grade 10.9	
5	0760607	2	Bolt M6 x 14	
6	0760608	AR	Bolt M6 x 16	
7	0760610	AR	Bolt M6 x 20	
8	0760810	AR	Bolt M8 x 20	
9	0761015	8	Bolt M10 x 35	
10	0761016	4	Bolt M10 x 40	
11	1320274	1	Clamp	
12	2220315	1	Fitting, Straight Barbed	
13	3290605	AR	Nut M6	
14	3291001	4	Nut M10	
15	3291005	6	Nut M10	
16	3331611	3	Nut M16	
17	3900364	4	Screw M6 x 20	
18	4811700	AR	Washer M6	
19	4811902	AR	Washer M8	
20	4812000	8	Washer M10	
21	4812002	8	Washer M10	
22	5241000	4	Washer M10	
23	5241600	3	Washer M16	
24	8405102	2	Clamp	
25	8405104	5	Clamp	
26	8406110	3	Clip	
27	1001138173	1	Support	
28	1001138175	1	Bracket	
29	1001141995	1	Fitting, NPT/Barbed	
30	1001146219	6	Washer	
31	1001169054	4	Isolator	
32	1001169138	4	Pad	
33	1001169967	2	Bracket	
34	1001170035	2	Bracket	
35	1001170981	1	Indicator, Air Intake Restriction	
36	1001180620	AR	Adhesive	
37	1001182980	1	Bracket	
38	1001182982	1	Mount	
39	1001182983	1	Tube	
40	1001190164	3	Mount, Motor	
41	1001222465	1	Fan (Prior to SN 0300253862)	
42	1001217183	2	Seal	
43	1001217185	2	Seal	
44	1001222882	1	Tube, Coolant Inlet	
45	1001222883	1	Tube, Coolant Outlet	
46	1001222884	1	Tube	
47	1001223302	1	Clamp	
48	1001223405	1	Tray	
49	1001223787	1	Plate, Radiator	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	1001223987	1	Pipe, Exhaust	
51	1001224589	1	Engine and Generator Assembly (See Separate Breakdown in this Section)	
52	1001232267	1	Radiator (Prior to SN 0300253862)	
53	1001229561	1	Support	
54	1001118280	1	Air Filter Assembly	
54	7015004	1	Element, Filter	
54	7015005	1	Cover, Fliter	
54	7015006	1	Valve, Vacuator	
55	1320022	3	Clamp	
56	1001138248	18 in/ 44cm	Tube	
57	1001172533	50 in/ 1.3m	Hose	
58	3291007	2	Nut M10	
59	4811702	1	Washer M6	
60	0811608	4	Screw 3/8 x 1	
61	1001232375	1	Panel	
62	0100062	AR	Adhesive	
63	0961986	2	Bearing	
64	3290805	2	Nut M8	
65	4811900	4	Washer M8	
66	0760808	4	Bolt M8 x 16	
67	1001247415	1	Fan Mounting Assembly (See Separate Breakdown in this Section) (SN 0300253862 through 0300270863)	
68	1001214690	1	Radiator (SN 0300253862 through 0300270863)	

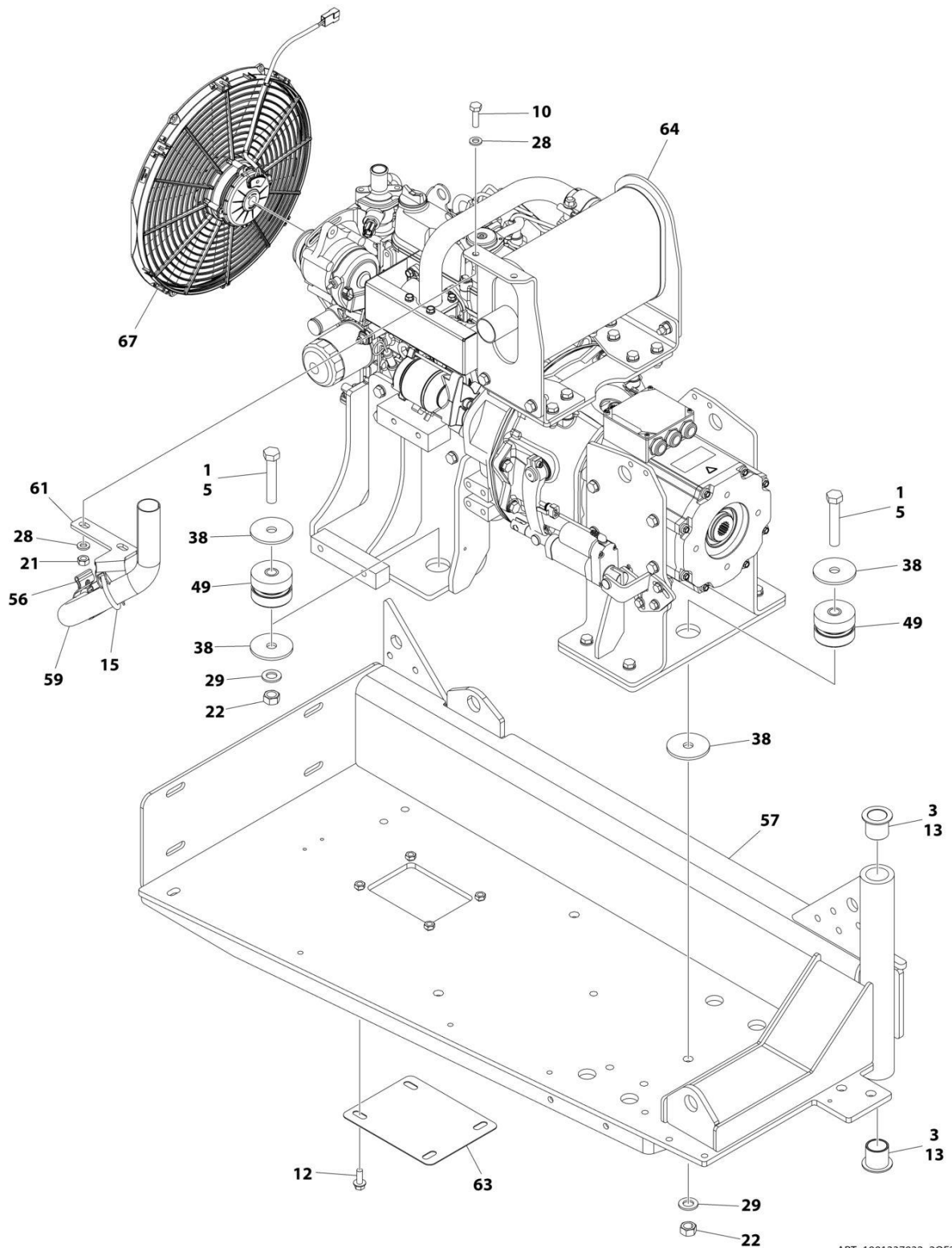
SECTION 3 - ENGINE

FIGURE 3-5. ENGINE AND TRAY ASSEMBLY (SN 0300259343 through 0300270863)



ART_1001237932_1OF2

SECTION 3 - ENGINE



ART_1001237932_2OF2

SECTION 3 - ENGINE

FIGURE 3-5. ENGINE AND TRAY ASSEMBLY (SN 0300259343 through 0300270863)

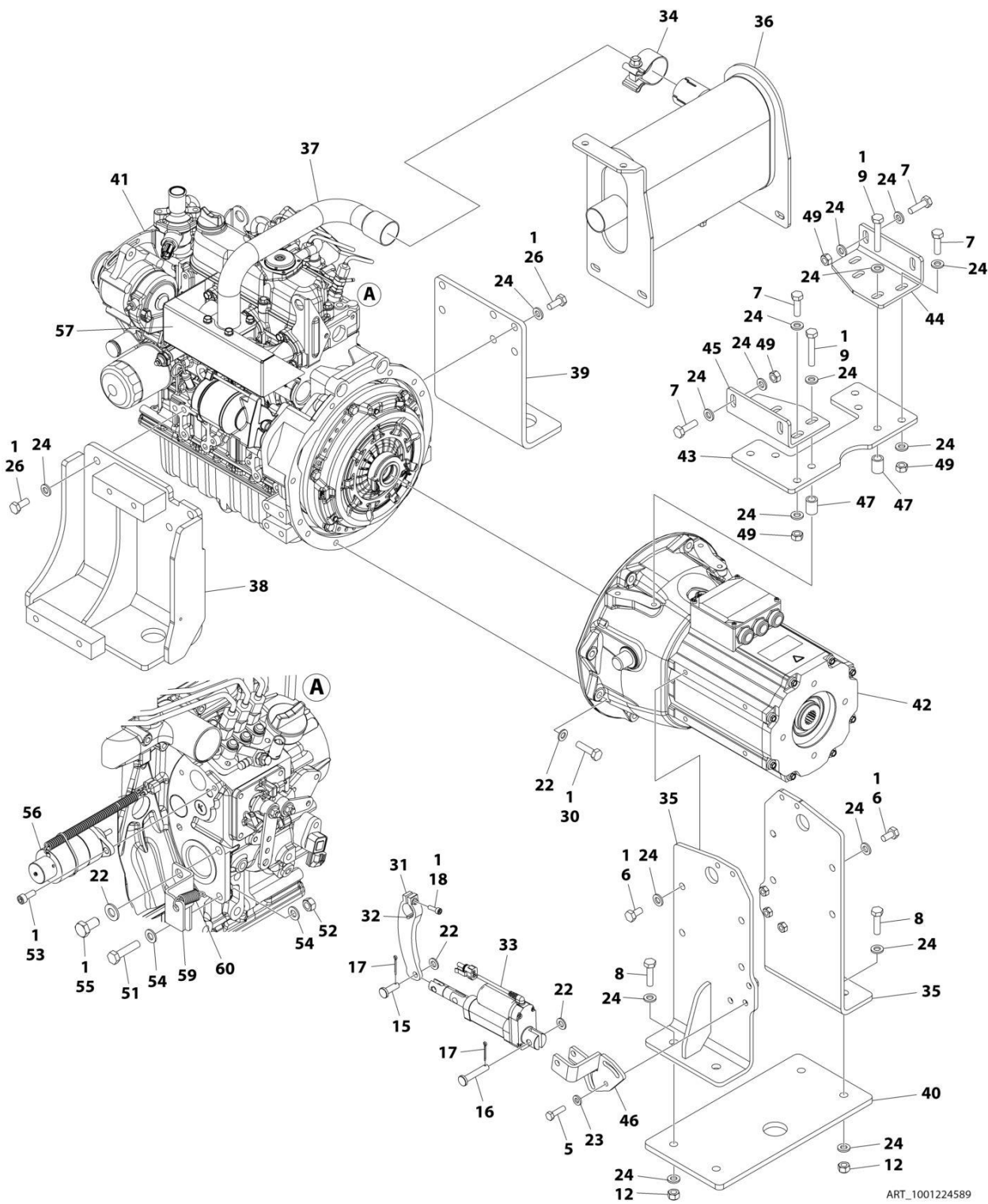
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237932	Ref	ENGINE AND TRAY ASSEMBLY	B
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant	
3	0100062	AR	Adhesive	
4	0340045	1	Band	
5	0711626	3	Bolt M16 x 90 Grade 10.9	
6	0760607	2	Bolt M6 x 14	
8	0760610	7	Bolt M6 x 20	
9	0760810	10	Bolt M8 x 20	
10	0761015	8	Bolt M10 x 35	
11	0761016	4	Bolt M10 x 40	
12	0811608	4	Screw 3/8 x 1	
13	0961986	2	Bearing	
14	1320022	3	Clamp	
15	1320274	1	Clamp	
16	2220315	1	Fitting, Straight Barbed	
17	3290605	7	Nut M6	
18	3290805	2	Nut M8	
19	3291001	4	Nut M10	
20	3291005	6	Nut M10	
21	3291007	2	Nut M10	
22	3331611	3	Nut M16	
23	4811700	12	Washer M6	
24	4811900	4	Washer M8	
25	4811902	12	Washer M8	
26	4812000	8	Washer M10	
27	4812002	8	Washer M10	
28	5241000	4	Washer M10	
29	5241600	3	Washer M16	
30	8405102	2	Clamp	
31	8405104	5	Clamp	
32	8406110	3	Clip	
33	1001118280	1	Air Filter Assembly	
33	7015004	1	Element, Air Filter	
34	1001138173	1	Support	
35	1001138175	1	Bracket	
36	1001138248	18 in/ 44cm	Tube	
37	1001141995	1	Fitting, NPT/Barbed	
38	1001146219	6	Washer	
39	1001169054	4	Isolator	
40	1001169138	4	Pad	
41	1001169967	2	Bracket	
42	1001170035	2	Bracket	
43	1001170981	1	Indicator, Air Intake Restriction	
44	1001172533	50 in/ 1.3m	Hose	
45	1001180620	AR	Adhesive	
46	1001182980	1	Bracket	
47	1001182982	1	Mount	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
48	1001182983	1	Tube	
49	1001190164	3	Mount, Motor	
50	1001217183	2	Seal	
51	1001217185	2	Seal	
53	1001222882	1	Tube, Coolant Inlet	
54	1001222883	1	Tube, Coolant Outlet	
55	1001222884	1	Tube	
56	1001223302	1	Clamp	
57	1001223405	1	Tray	
58	1001223787	1	Plate, Radiator	
59	1001223987	1	Pipe, Exhaust	
61	1001229561	1	Support	
63	1001232375	1	Panel	
64	1001237931	1	Engine and Generator Assembly (See Separate Breakdown in this Section)	
65	0760808	4	Bolt M8 x 16	
66	1001214690	1	Radiator	
67	1001247415	1	Fan Mounting Assembly (See Separate Breakdown in this Section)	

SECTION 3 - ENGINE

FIGURE 3-6. ENGINE AND GENERATOR ASSEMBLY (Prior to SN 0300259343)



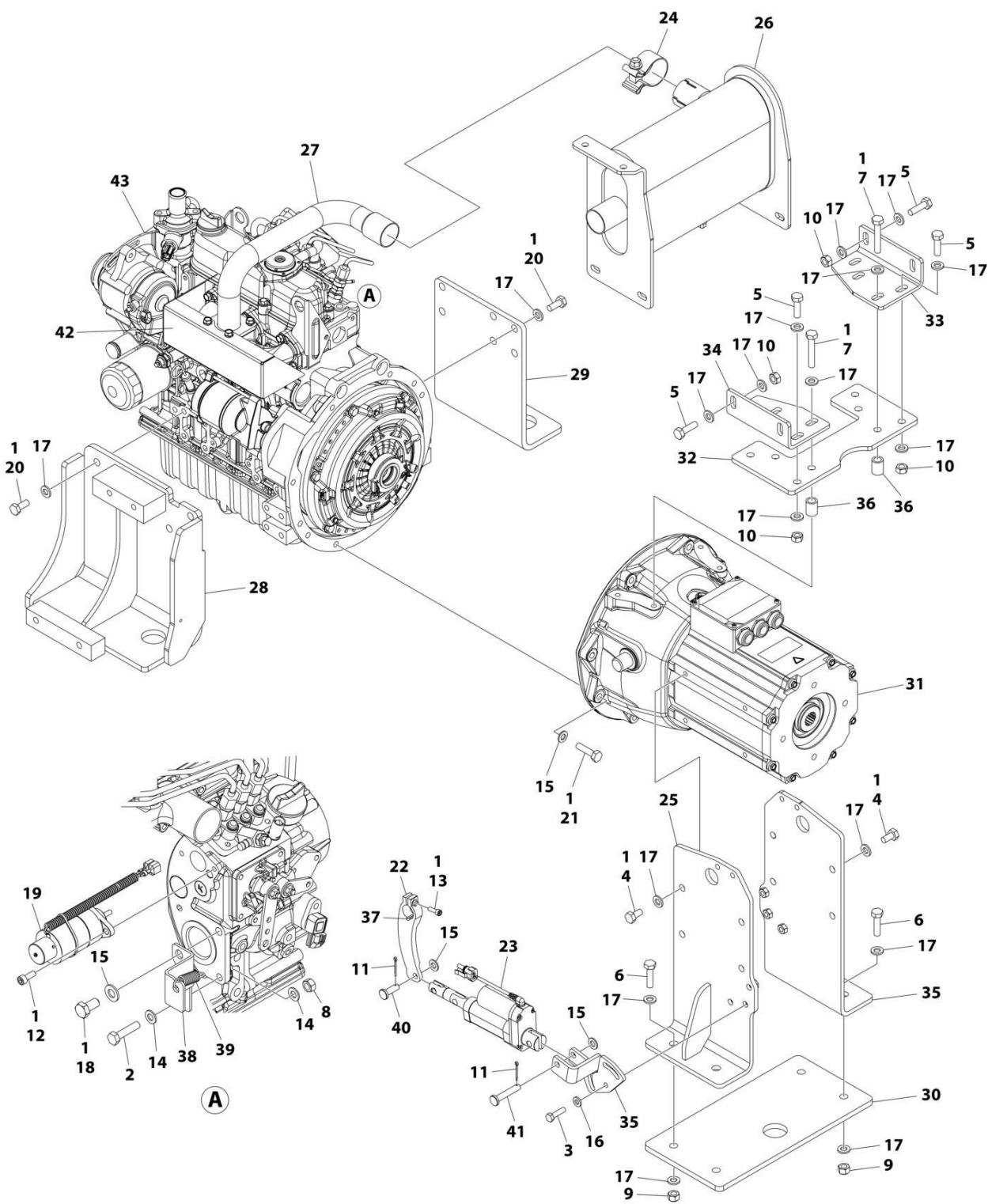
SECTION 3 - ENGINE

FIGURE 3-6. ENGINE AND GENERATOR ASSEMBLY (Prior to SN 0300259343)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001224589	Ref	ENGINE AND GENERATOR ASSEMBLY	E
1	0100011	AR	Compound, Locking	
5	0760814	3	Bolt M8 x 30	
6	0761010	8	Bolt M10 x 20	
7	0761015	8	Bolt M10 x 35	
8	0761016	4	Bolt M10 x 40	
9	0761020	4	Bolt M10 x 60	
15	1001235452	1	Pin	
16	1001235453	1	Pin	
17	3450304	2	Pin, Cotter 3/32 x 1	
18	4031708	1	Capscrew M6 x 20	
22	4812000	11	Washer M10	
23	5240800	3	Washer M8	
24	5241000	48	Washer M10	
26	1001118746	12	Bolt M10 x 25	
30	1001186919	8	Bolt M10 x 40	
31	1001222784	1	Lever	
32	1001228723	1	Key	
33	1001223088	1	Actuator	
33	4460742	1	Plug, Male - 2 Position	
33	4460743	2	Socket, Female	
33	8220079	2	Seal	
34	1001223302	1	Clamp	
35	1001223721	2	Support	
36	1001223744	1	Muffler	
37	1001223842	1	Pipe, Exhaust	
38	1001223997	1	Mount, Engine	
39	1001224000	1	Mount, Engine	
40	1001224009	1	Plate	
41	1001224584	1	Engine and Clutch Assembly (See Separate Breakdown in this Section)	
42	1001224585	1	Generator Assembly (See Separate Breakdown in this Section)	
43	1001225093	1	Plate	
44	1001225094	1	Plate	
45	1001225095	1	Plate	
46	1001225104	1	Mount	
47	1001225429	4	Spacer	
49	3291007	8	Nut M10	
51	0700815	1	Bolt M8 x 35	
52	3290807	1	Nut M8	
53	4031707	2	Bolt M6 x 16	
54	4811900	2	Washer M8	
55	8303511	1	Bolt M10 x 20	
56	1001118579	1	Actuator	
57	1001236206	1	Shield	
59	1001231323	1	Plate	
60	1001232181	1	Spring	

SECTION 3 - ENGINE

FIGURE 3-7. ENGINE AND GENERATOR ASSEMBLY (SN 0300259343 through 0300270863)



ART_1001237931

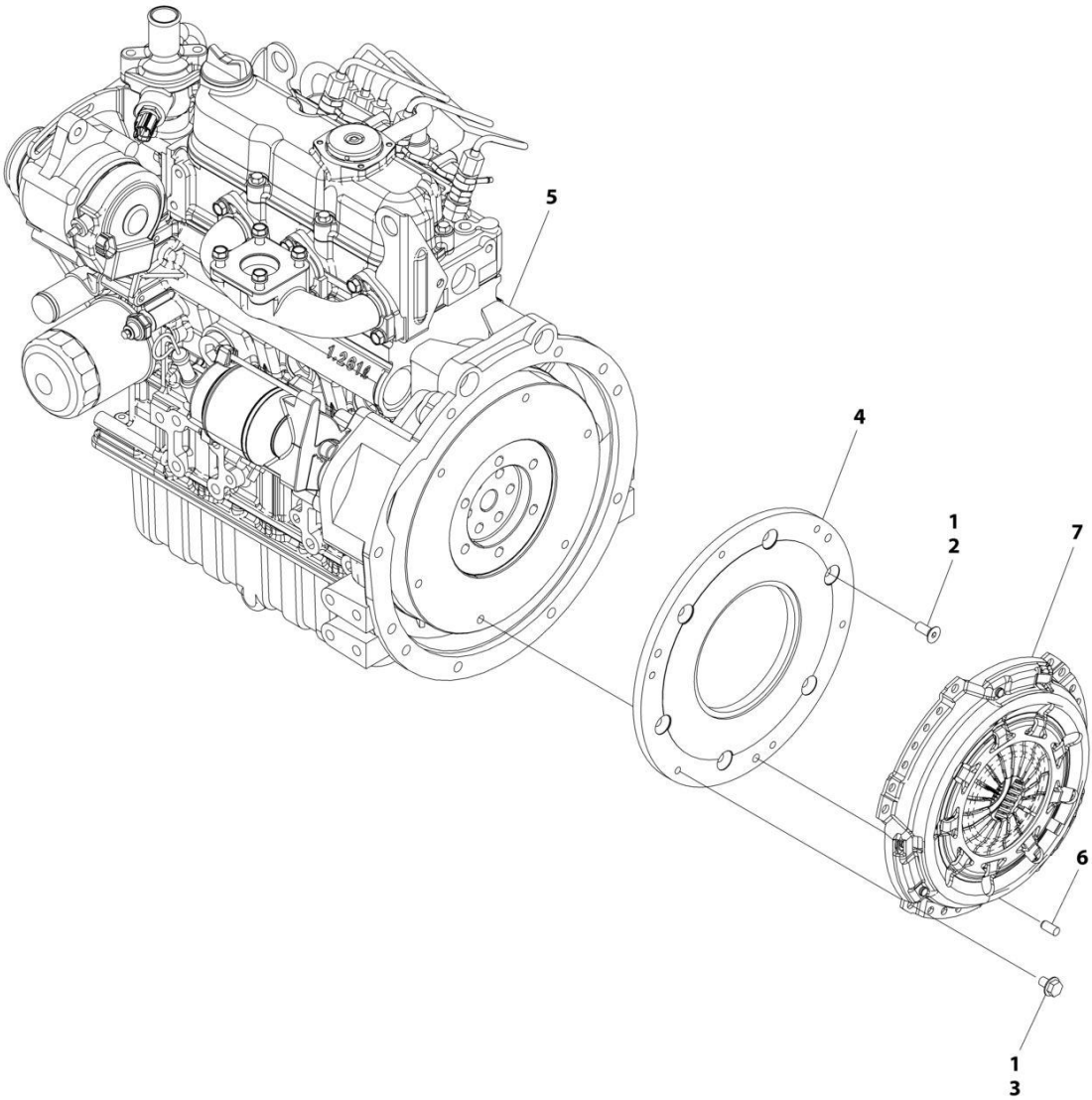
SECTION 3 - ENGINE

FIGURE 3-7. ENGINE AND GENERATOR ASSEMBLY (SN 0300259343 through 0300270863)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237931	Ref	ENGINE AND GENERATOR ASSEMBLY	A
1	0100011	AR	Compound, Locking	
2	0700815	1	Bolt M8 x 35	
3	0760814	3	Bolt M8 x 30	
4	0761010	8	Bolt M10 x 20	
5	0761015	8	Bolt M10 x 35	
6	0761016	4	Bolt M10 x 40	
7	0761020	4	Bolt M10 x 60	
8	3290807	1	Nut M8	
9	3291005	4	Nut M10 x 1.5	
10	3291007	8	Nut M10	
11	3450304	2	Pin, Cotter 3/32 x 1	
12	4031707	2	Bolt M6 x 16	
13	4031708	1	Capscrew M6 x 20	
14	4811900	2	Washer M8	
15	4812000	11	Washer M10	
16	5240800	3	Washer M8	
17	5241000	48	Washer M10	
18	8303511	1	Bolt M10 x 20	
19	1001118579	1	Actuator	
20	1001118746	12	Bolt M10 x 25	
21	1001186919	8	Bolt M10 x 40	
22	1001222784	1	Lever	
23	1001223088	1	Actuator	
24	1001223302	1	Clamp	
25	1001223721	2	Support	
26	1001223744	1	Muffler	
27	1001223842	1	Pipe, Exhaust	
28	1001223997	1	Mount, Engine	
29	1001224000	1	Mount, Engine	
30	1001224009	1	Plate	
31	1001224585	1	Generator Assembly (See Separate Breakdown in this Section)	
32	1001225093	1	Plate	
33	1001225094	1	Plate	
34	1001225095	1	Plate	
35	1001225104	1	Mount	
36	1001225429	4	Spacer	
37	1001228723	1	Key	
38	1001231323	1	Plate	
39	1001232181	1	Spring	
40	1001235452	1	Pin	
41	1001235453	1	Pin	
42	1001236206	1	Shield	
43	1001237919	1	Engine and Clutch Assembly (See Separate Breakdown in this Section)	

SECTION 3 - ENGINE

FIGURE 3-8. ENGINE AND CLUTCH ASSEMBLY (Prior to SN 0300259343)



ART_1001224584

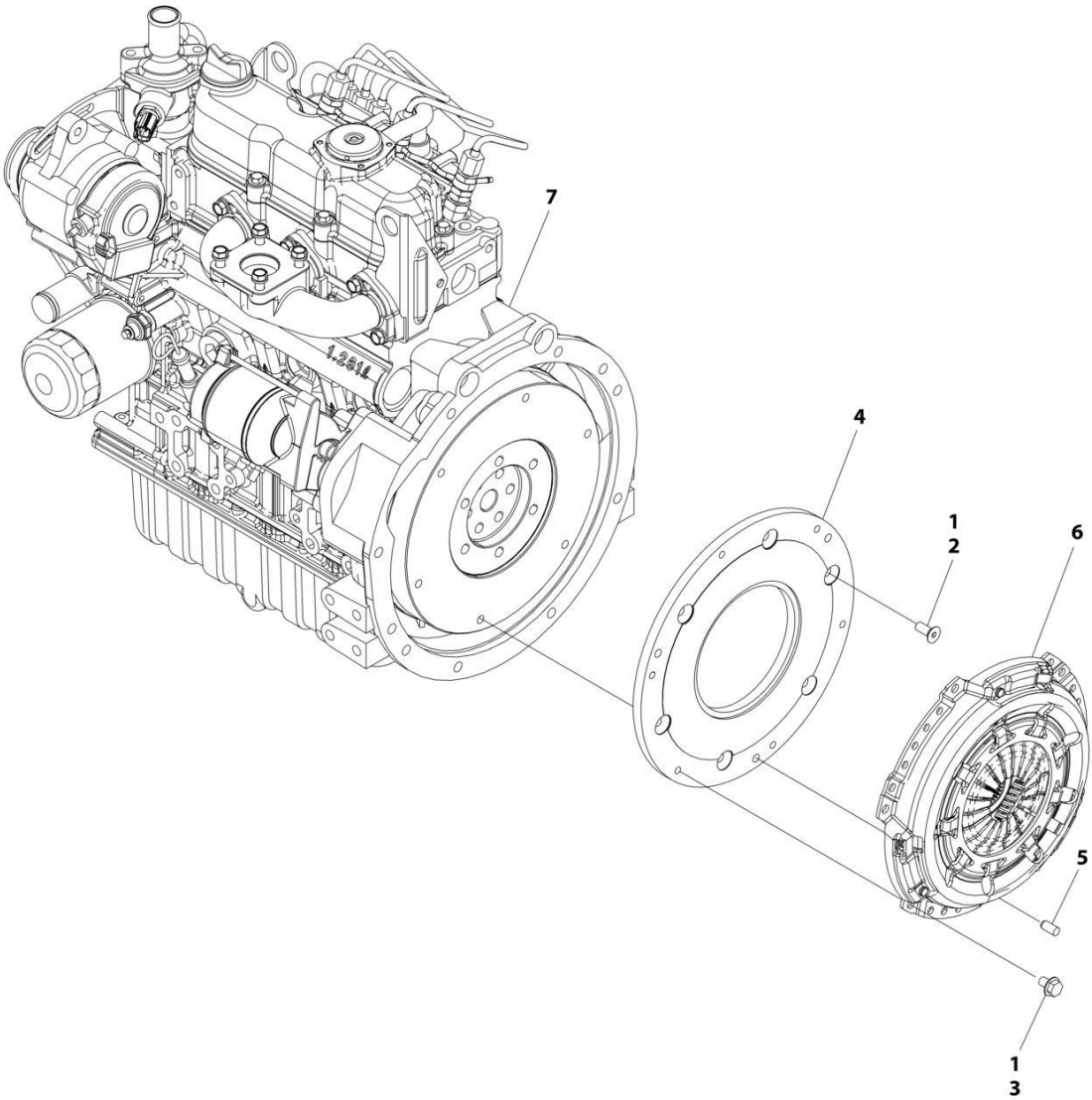
SECTION 3 - ENGINE

FIGURE 3-8. ENGINE AND CLUTCH ASSEMBLY (Prior to SN 0300259343)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001224584	Ref	ENGINE AND CLUTCH ASSEMBLY	B
1	0100011	AR	Compound, Locking	
2	3900382	6	Screw	
3	5250806	6	Bolt M8 x 12	
4	1001222783	1	Adapter	
5	1001222896	1	Kubota Engine Components (See Separate Breakdown in this Section)	
6	1001223061	3	Pin	
7	1001223148	1	Clutch	

SECTION 3 - ENGINE

FIGURE 3-9. ENGINE AND CLUTCH ASSEMBLY (SN 0300259343 through 0300270863)



ART_1001237919

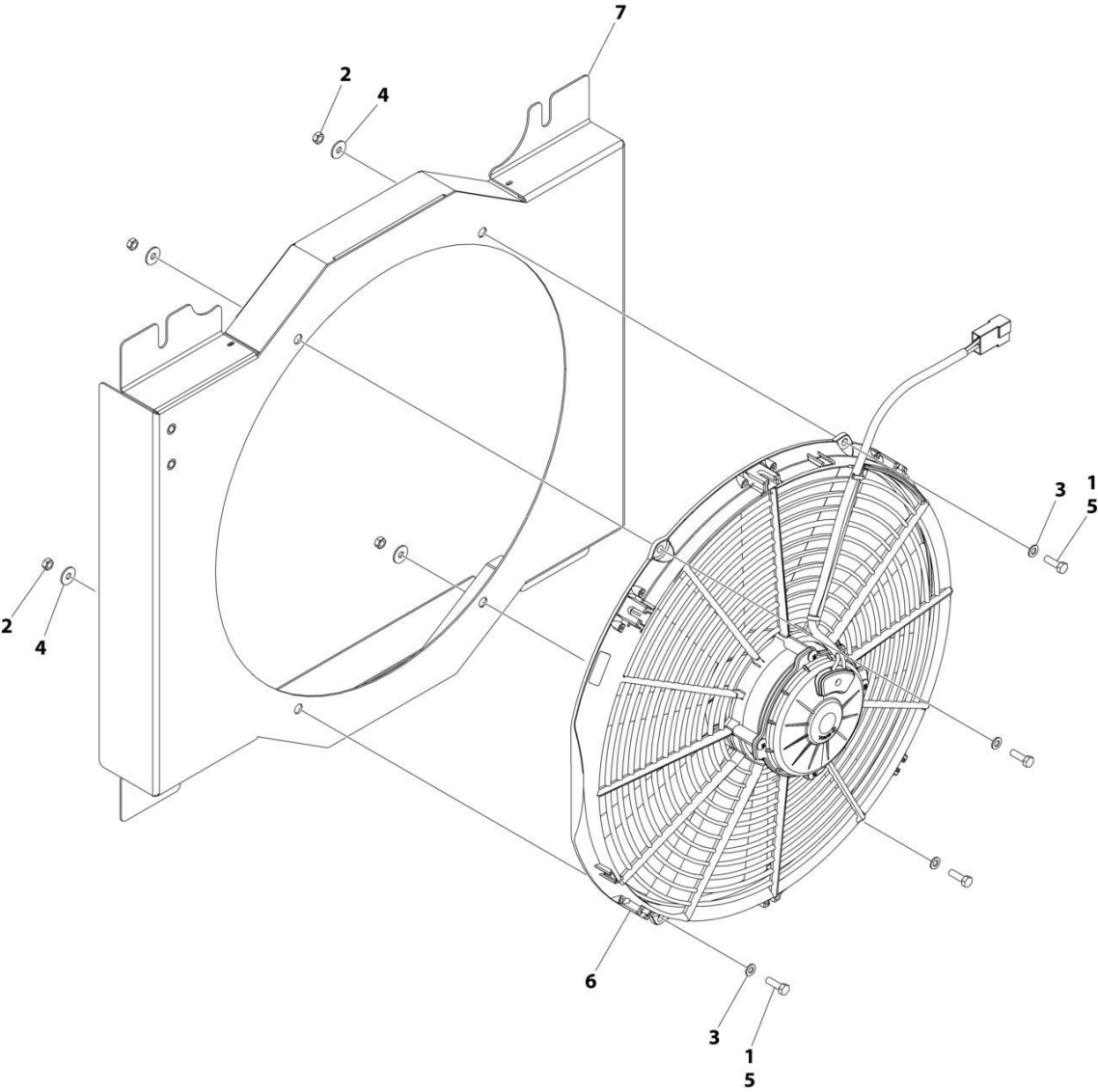
SECTION 3 - ENGINE

FIGURE 3-9. ENGINE AND CLUTCH ASSEMBLY (SN 0300259343 through 0300270863)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237919	Ref	ENGINE AND CLUTCH ASSEMBLY	A
1	0100011	AR	Compound, Locking	
2	3900382	6	Screw	
3	5250806	6	Bolt M8 x 12	
4	1001222783	1	Adapter	
5	1001223061	3	Pin	
6	1001223148	1	Clutch	
7	1001237918	1	Kubota Engine Components (See Separate Breakdown in this Section)	

SECTION 3 - ENGINE

FIGURE 3-10. ENGINE FAN MOUNTING ASSEMBLY



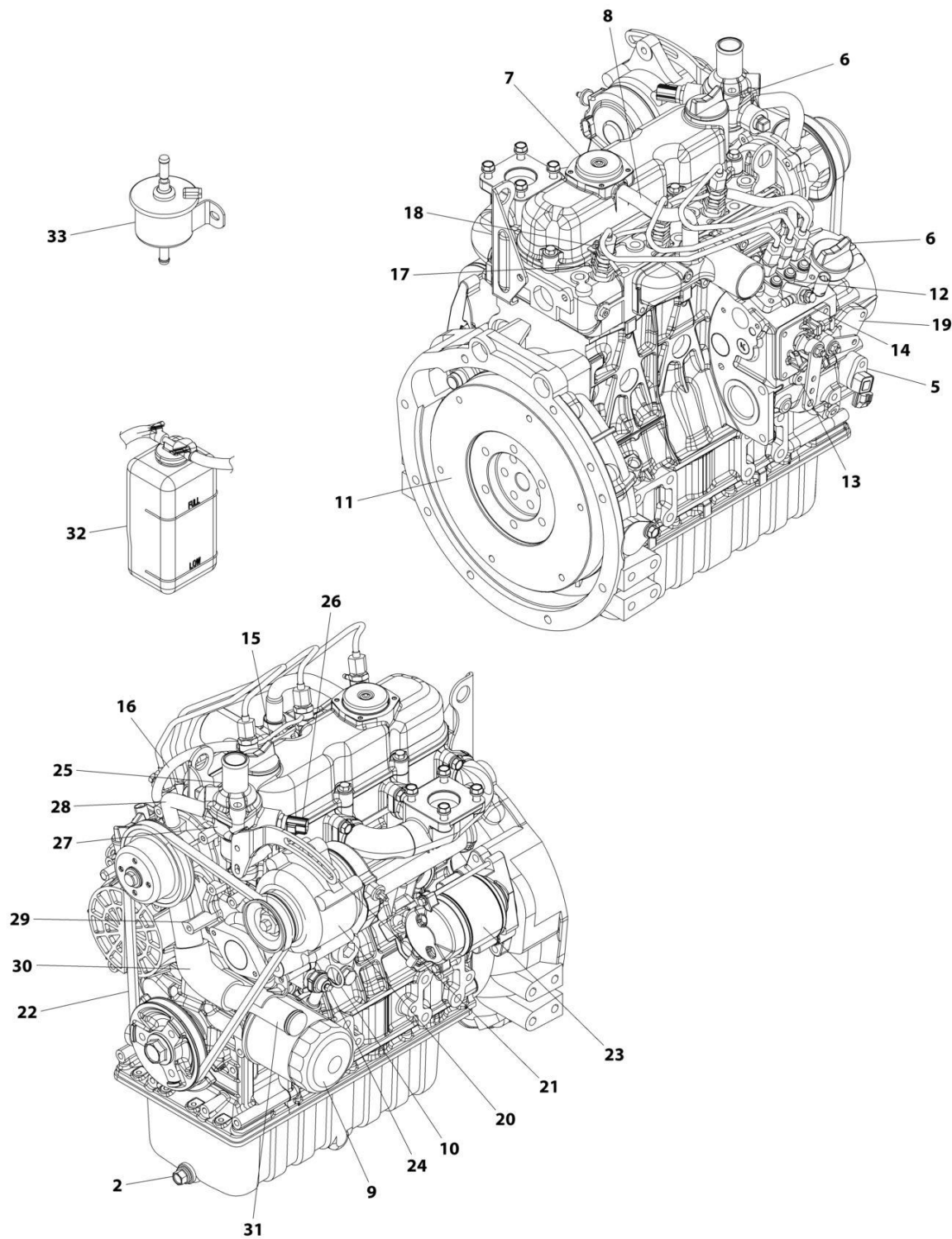
ART_1001247415

FIGURE 3-10. ENGINE FAN MOUNTING ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001247415	Ref	ENGINE FAN MOUNTING ASSEMBLY	A
1	0760508	4	Bolt M5 x 16	
2	3290501	4	Nut M5	
3	4811600	4	Washer M5	
4	4811602	4	Washer M5	
5	1001180620	AR	Compound, Locking	
6	1001222465	1	Fan	
7	1001225072	1	Shroud	

SECTION 3 - ENGINE

FIGURE 3-11. KUBOTA ENGINE COMPONENTS (Prior to SN 0300259343)



ART_1001222896

SECTION 3 - ENGINE

FIGURE 3-11. KUBOTA ENGINE COMPONENTS (Prior to SN 0300259343)

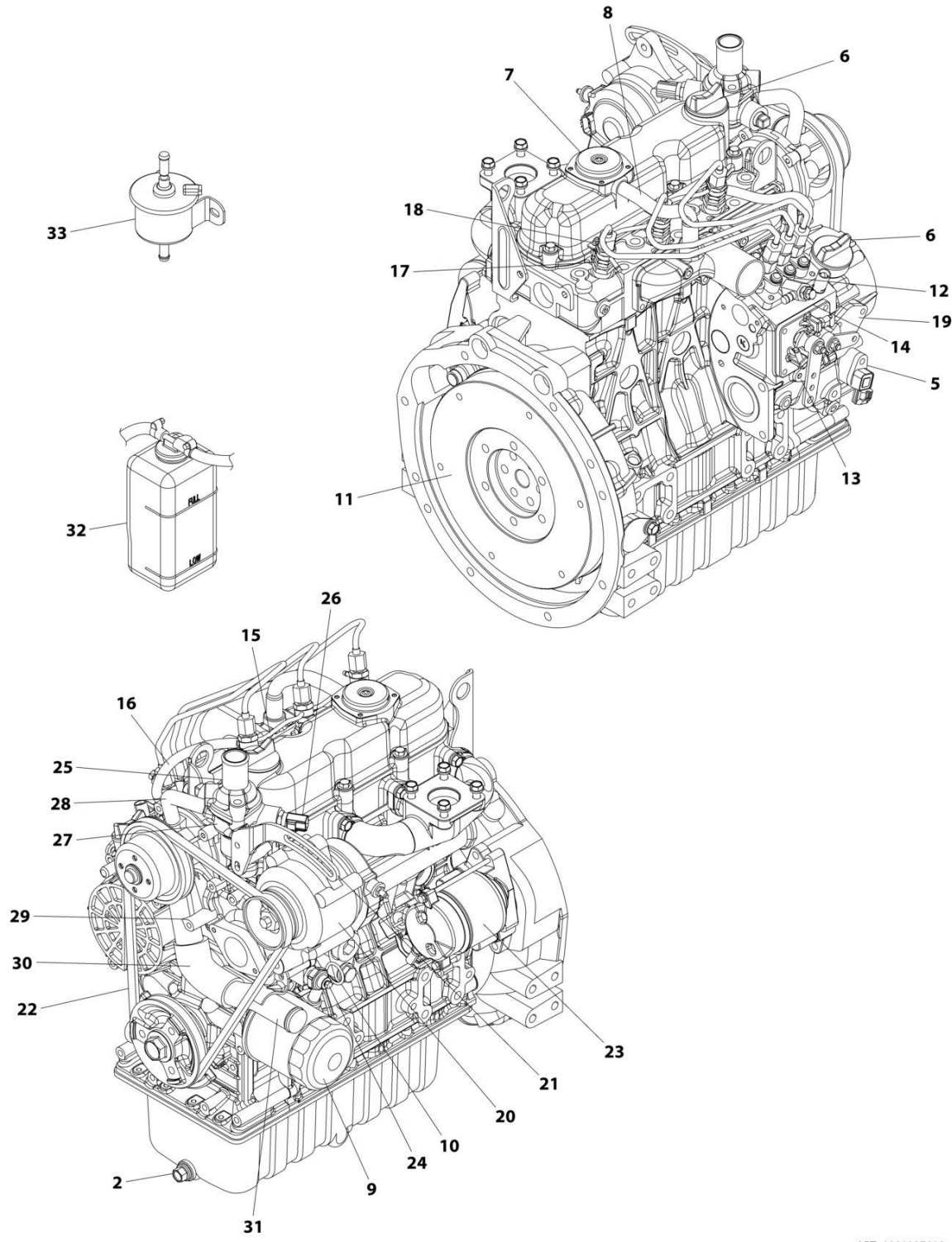
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222896	Ref	KUBOTA ENGINE COMPONENTS	F
1	7023154	1	Plug, Drain (Not Shown - Located on bottom of Oil Pan)	
1	70002315	1	Seal	
2	70004525	1	Plug, Drain	
2	70004526	1	Seal	
3	70005220	1	Gasket, Head (Not Shown)	
3	70005221	1	Gasket, Valve Cover (Not Shown)	
3	7023149	1	Gasket, Intake Manifold (Not Shown)	
3	7023148	1	Gasket, Exhaust Manifold (Not Shown)	
3	7023124	1	Gasket, Muffler (Not Shown)	
3	70005226	1	Gasket, Upper Kit (Not Shown)	
3	70005227	1	Gasket, Lower Kit (Not Shown)	
4	7023157	1	Seal, Oil (Not Shown - Crankshaft Seal)	
5	70006666	1	Sensor	
6	70002318	2	Cap, Filler	
6	70004311	2	O-Ring	
7	70003060	1	Valve, Breather	
7	70003061	1	Cover, Beather	
7	7017934	4	Screw	
8	70002316	1	Pipe, Water Return	
8	70002317	1	Tube, Breather	
8	70004530	1	Clamp	
8	70004531	1	Clamp	
9	70004395	1	Filter, Oil	
9	7017913	1	Washer	
9	7017914	1	Pipe, Joint	
10	70006667	1	Dipstick	
11	70005224	1	Gear, Rim	
12	7023164	1	Pump, Injector	
12	70002319	1	Shim (0.175mm)	
12	70002320	1	Shim (0.200mm)	
12	70002321	1	Shim (0.250mm)	
12	70002322	1	Shim (0.300mm)	
12	70002323	1	Shim (0.350mm)	
12	70004842	2	Stud	
13	7023165	1	Gasket	
14	70004397	1	Gasket	
15	70004536	1	Over Flow Pipe Assembly (To injectors)	
16	70004539	1	Over Flow Pipe Assembly (To Injector Pump)	
16	70004537	1	Screw, Breather	
16	70004538	1	Seal	
17	70004399	3	Injector	
17	70004540	3	Nut	
17	7023167	3	Seal	
17	7023168	3	Seal, Heat	
18	70004398	3	Plug, Glow	
18	70004544	1	Cord, Glow Plug	
19	70004400	1	Gasket, Fuel Pump	
20	70006661	1	Alternator	
21	70006664	1	Adjustment Arm	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
22	70006665	1	Belt	
23	7023144	1	Starter	
24	7017901	1	Oil Pressure Switch	
25	7023170	1	Thermostat	
25	70002326	1	Gasket	
26	70003064	1	Sensor, Water Temperature	
26	70003063	1	Seal	
27	7023145	1	Gasket, Thermostat Housing	
28	7017958	1	Pipe, Water Return	
29	70002327	1	Pump, Water	
29	70002328	1	Gasket	
30	7017963	1	Pipe, Water	
31	70002330	1	Pipe, Water	
32	7023126	1	Tank, Reserve	
33	70005228	1	Pump, Fuel	

SECTION 3 - ENGINE

FIGURE 3-12. KUBOTA ENGINE COMPONENTS (SN 0300259343 through 0300270863)



ART_1001237918

SECTION 3 - ENGINE

FIGURE 3-12. KUBOTA ENGINE COMPONENTS (SN 0300259343 through 0300270863)

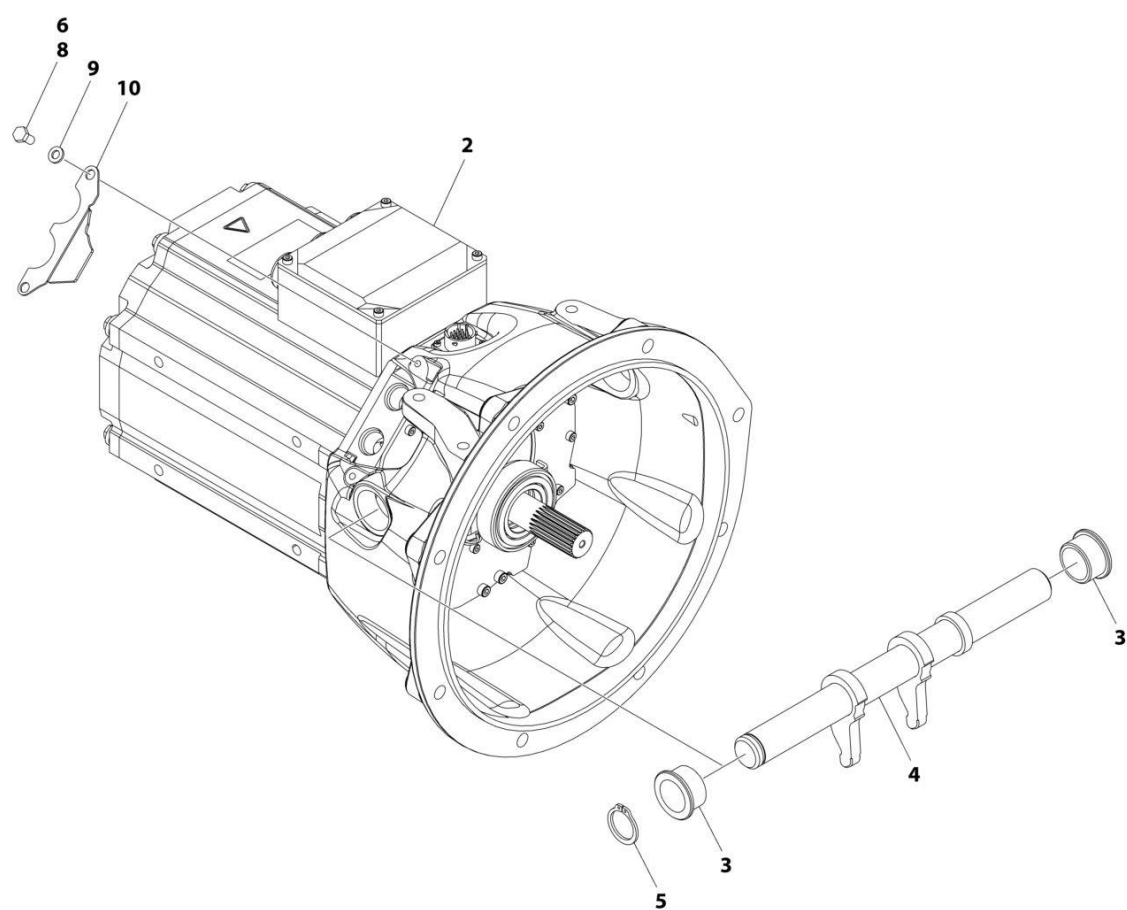
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237918	Ref	KUBOTA ENGINE COMPONENTS	B
1	7023154	1	Plug, Drain (Not Shown - Located on bottom of Oil Pan)	
1	70002315	1	Seal	
2	70004525	1	Plug, Drain	
2	70004526	1	Seal	
3	70005220	1	Gasket, Head (Not Shown)	
3	70005221	1	Gasket, Valve Cover (Not Shown)	
3	7023149	1	Gasket, Intake Manifold (Not Shown)	
3	7023148	1	Gasket, Exhaust Manifold (Not Shown)	
3	7023124	1	Gasket, Muffler (Not Shown)	
3	70005226	1	Gasket, Upper Kit (Not Shown)	
3	70005227	1	Gasket, Lower Kit (Not Shown)	
4	7023157	1	Seal, Oil (Not Shown - Crankshaft Seal)	
5	70007505	1	Sensor	
6	70002318	2	Cap, Filler	
6	70004311	2	O-Ring	
7	70003060	1	Valve, Breather	
7	70003061	1	Cover, Beather	
7	7017934	4	Screw	
8	70002316	1	Pipe, Water Return	
8	70002317	1	Tube, Breather	
8	70004530	1	Clamp	
8	70004531	1	Clamp	
9	70004395	1	Filter, Oil	
9	7017913	1	Washer	
9	7017914	1	Pipe, Joint	
10	70006667	1	Dipstick	
11	70005224	1	Gear, Rim	
12	7023164	1	Pump, Injector	
12	70002319	1	Shim (0.175mm)	
12	70002320	1	Shim (0.200mm)	
12	70002321	1	Shim (0.250mm)	
12	70002322	1	Shim (0.300mm)	
12	70002323	1	Shim (0.350mm)	
12	70004842	2	Stud	
13	7023165	1	Gasket	
14	70004397	1	Gasket	
15	70004536	1	Over Flow Pipe Assembly (To injectors)	
16	70004539	1	Over Flow Pipe Assembly (To Injector Pump)	
16	70004537	1	Seal	
16	70004538	1	Seal	
17	70004399	3	Injector	
17	70004540	3	Nut	
17	7023167	3	Seal	
17	7023168	3	Seal, Heat	
18	70004398	3	Plug, Glow	
18	70004544	1	Cord, Glow Plug	
19	70004400	1	Gasket, Fuel Pump	
20	70006661	1	Alternator	
21	70006664	1	Adjustment Arm	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
22	70006665	1	Belt	
23	7023144	1	Starter	
24	7017901	1	Oil Pressure Switch	
25	7023170	1	Thermostat	
25	70002326	1	Gasket	
26	70003064	1	Sensor, Water Temperature	
26	70003063	1	Seal	
27	7023145	1	Gasket, Thermostat Housing	
28	7017958	1	Pipe, Water Return	
29	70002327	1	Pump, Water	
29	70002328	1	Gasket	
30	7017963	1	Pipe, Water	
31	70002330	1	Pipe, Water	
32	7023126	1	Tank, Reserve	
33	70005228	1	Pump, Fuel	

SECTION 3 - ENGINE

FIGURE 3-13. GENERATOR ASSEMBLY



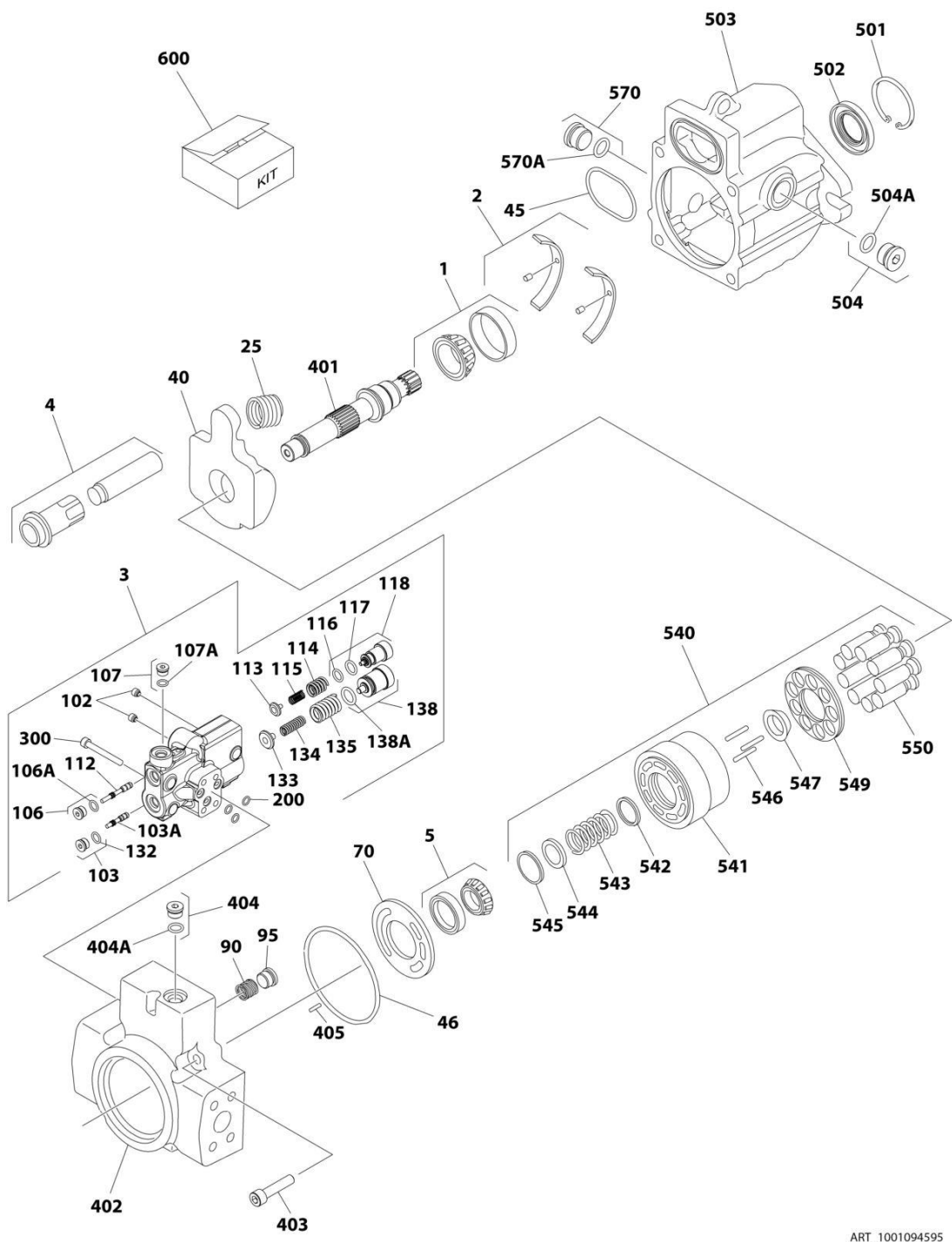
ART_1001224585

FIGURE 3-13. GENERATOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001224585	Ref	GENERATOR ASSEMBLY	C
2	1001221813	1	Generator Components (Note: No Serviceable Components)	
3	1001222731	2	Bearing	
4	1001222797	1	Release Shaft Assembly	
5	1001223059	1	Ring, Snap	
6	0100011	AR	Compound, Locking	
8	0760606	2	Bolt M6 x 12	
9	4811700	2	Washer M6	
10	1001227909	1	Cover	

SECTION 3 - ENGINE

FIGURE 3-14. VARIABLE PUMP ASSEMBLY



ART_1001094595

FIGURE 3-14. VARIABLE PUMP ASSEMBLY

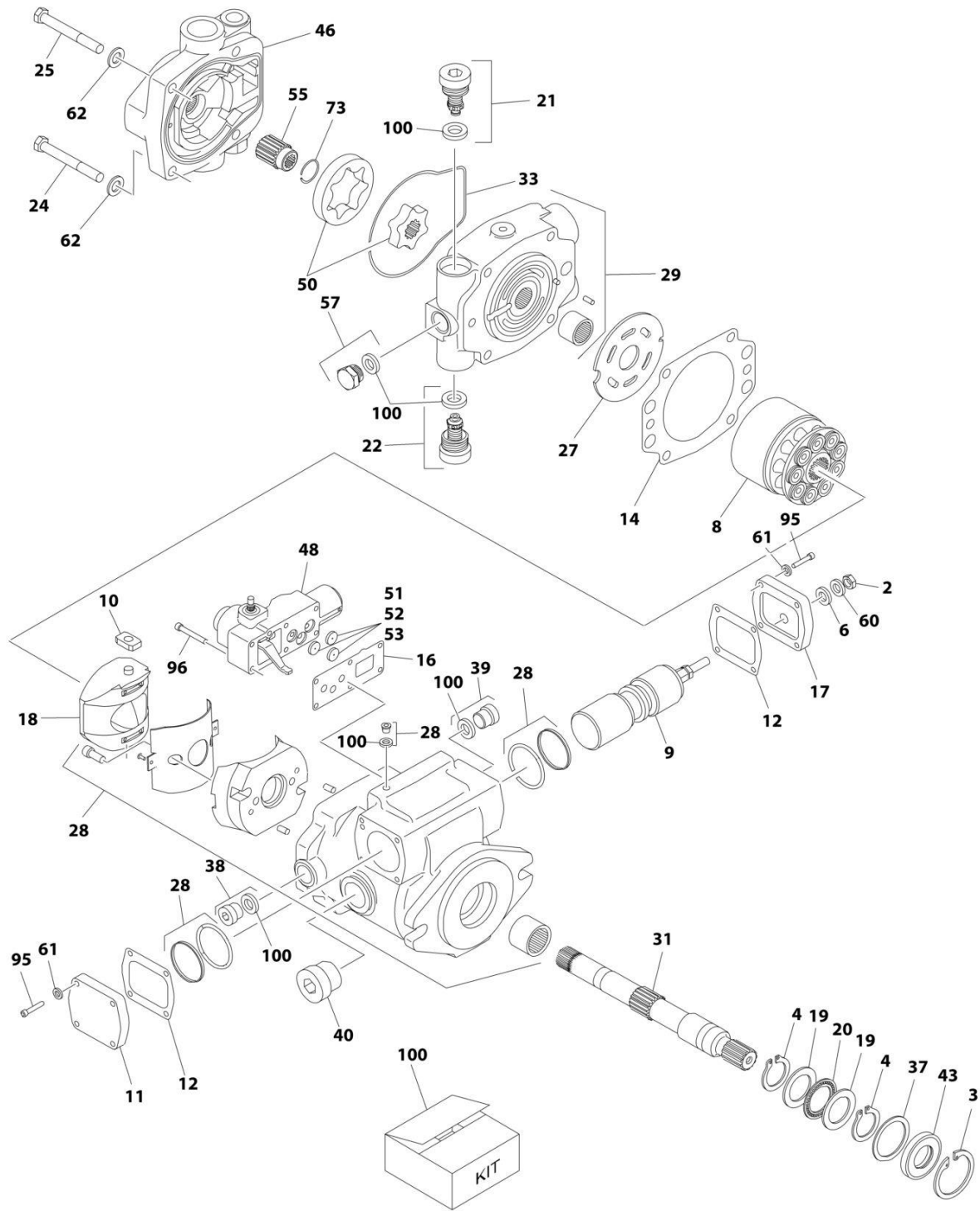
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001094595	Ref	VARIABLE PUMP ASSEMBLY	A
1	7023947	1	Bearing, Front (Includes Cup and Cone)	
2	7023948	1	Bearings, Swash Plate (Includes Both Sides and Pins)	
3	7023956	1	Control Valve Assembly (Includes Items 102-300)	
4	7023949	1	Servo Piston Assembly	
5	7023950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

SECTION 3 - ENGINE

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

SECTION 3 - ENGINE

FIGURE 3-15. HYDROSTATIC PUMP ASSEMBLY



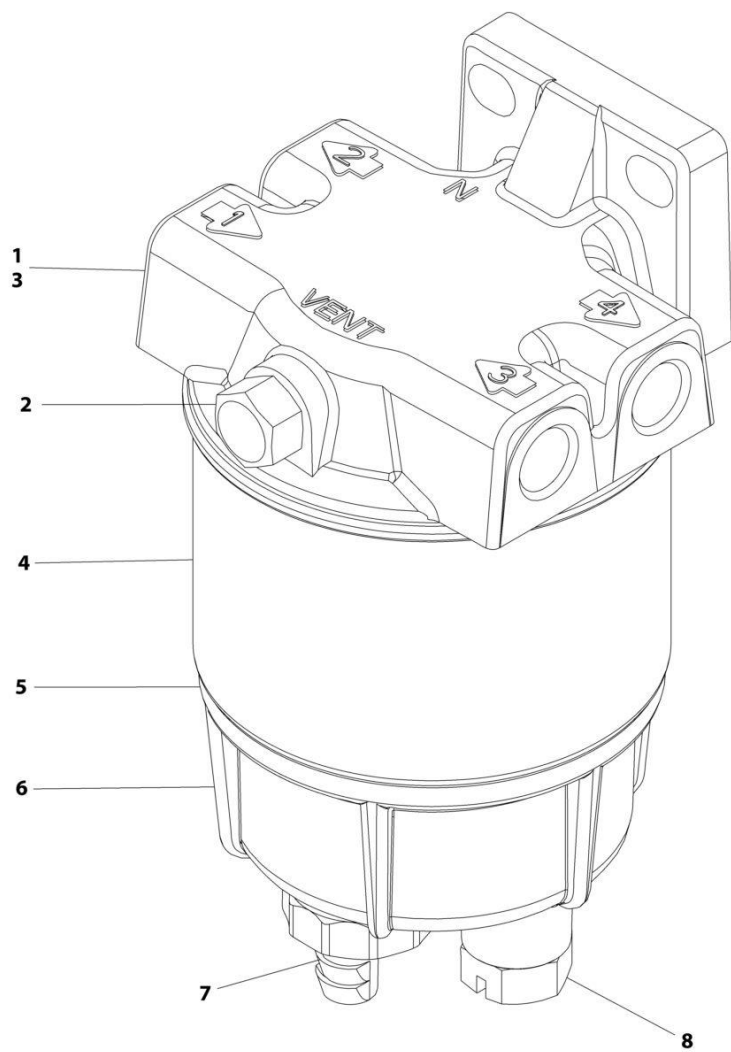
ART_1001225745

FIGURE 3-15. HYDROSTATIC PUMP ASSEMBLY

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

SECTION 3 - ENGINE

FIGURE 3-16. FUEL/WATER SEPARATOR ASSEMBLY



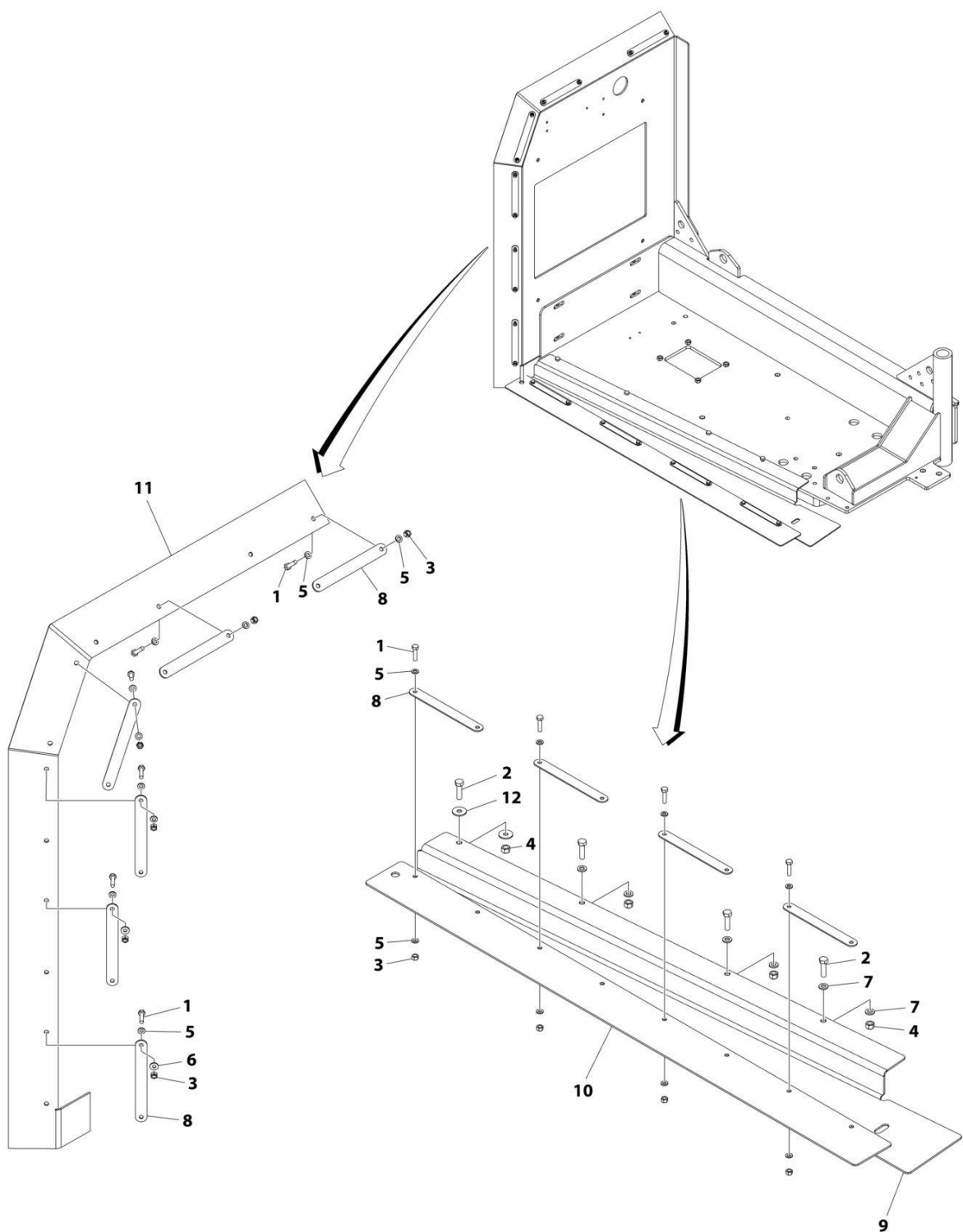
ART_1001190609

FIGURE 3-16. FUEL/WATER SEPARATOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190609	Ref	FUEL/WATER SEPARATOR ASSEMBLY - DIESEL ENGINES	B
1	70005293	1	Head, Mounting	
2	70005294	1	Plug	
3	70005295	1	Gasket, Head	
4	70005296	1	Element	
5	70005297	1	O-Ring	
6	70002901	1	Bowl	
7	70004070	1	Drain, Self Venting	
8	70004069	1	Plug	

SECTION 3 - ENGINE

FIGURE 3-17. ENGINE HOOD Baffles INSTALLATION



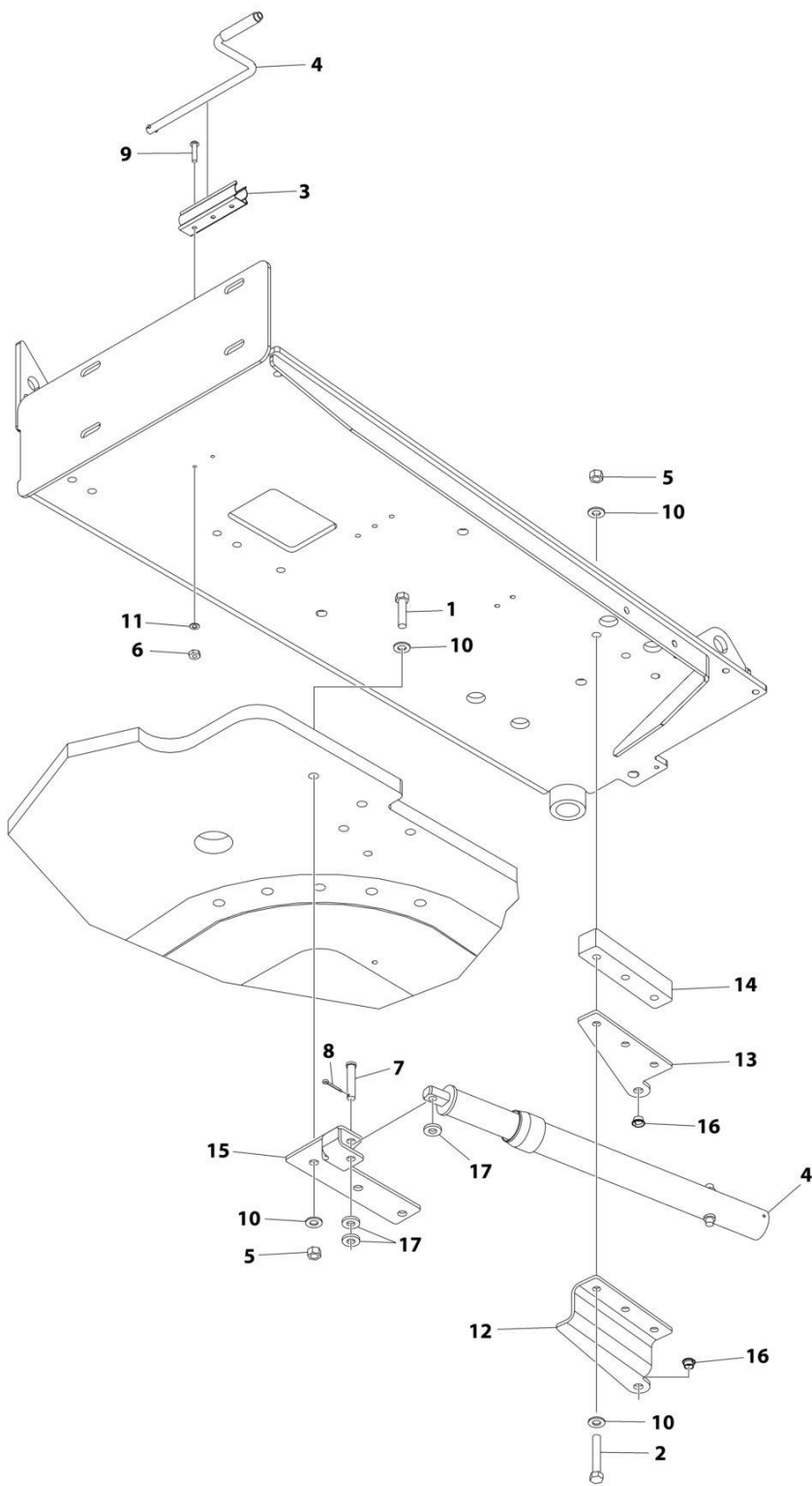
ART_1001227743

FIGURE 3-17. ENGINE HOOD BAFFLES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227743	Ref	ENGINE HOOD BAFFLES INSTALLATION	C
1	0760612	20	Bolt M6 x 25	
2	0760814	4	Bolt M8 x 30	
3	3290605	20	Nut M6	
4	3290805	4	Nut M8	
5	4811700	38	Washer M6	
6	4811702	2	Washer M6	
7	4811900	6	Washer M8	
8	1001167164	10	Support	
9	1001227740	1	Plate	
10	1001227741	1	Seal	
11	1001227742	1	Seal	
12	4811902	2	Washer M8	

SECTION 3 - ENGINE

FIGURE 3-18. TRAY JACK INSTALLATION



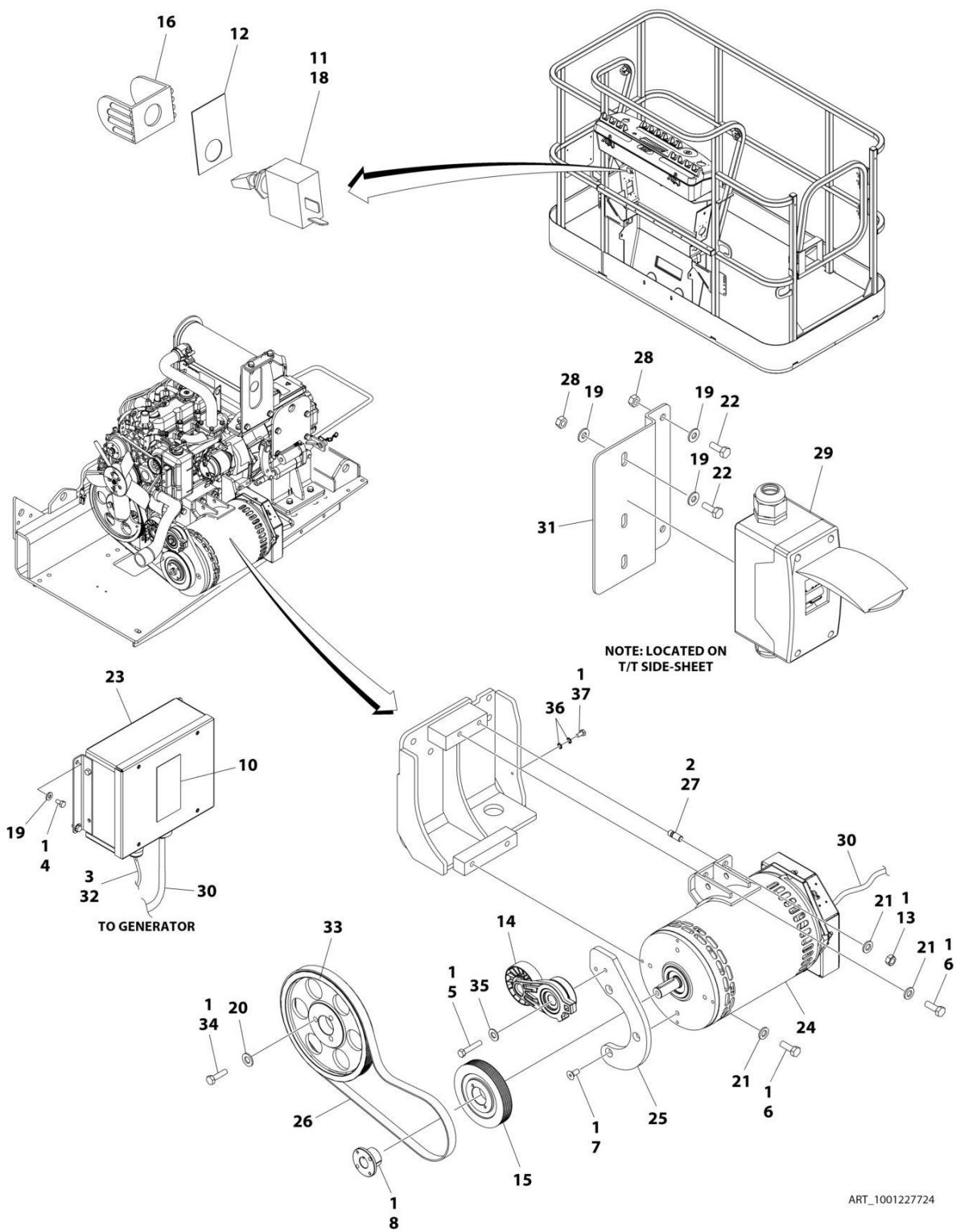
ART_1001229066

FIGURE 3-18. TRAY JACK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229066	Ref	TRAY JACK INSTALLATION	C
1	0641816	3	Bolt 1/2 x 2	
2	0641824	3	Bolt 1/2 x 3	
3	1380147	1	Clip	
4	2840016	1	Jack and Handle Assembly (Prior to SN 0300254183)	
4	7024598	1	Handle	
4	2840018	1	Jack and Handle Assembly (SN 0300254183 through 0300270863)	
4	7024599	1	Handle	
5	3271805	6	Nut 1/2 Grade 8	
6	3310601	2	Nut #6	
7	3430820	1	Pin	
8	3450404	1	Pin, Cotter 1/8 x 1	
9	3910610	2	Screw #6 x 5/8	
10	4711800	11	Washer 1/2	
11	4770600	2	Washer #6	
12	1001175073	1	Support	
13	1001175074	1	Support	
14	1001175075	1	Shim	
15	1001229067	1	Bracket	
16	0962051	2	Bearing (SN 0300254183 through 0300270863)	
17	4891800	3	Washer 1/2	

SECTION 3 - ENGINE

FIGURE 3-19. 4000W GENERATOR INSTALLATION - 220V/50HZ (OPTIONAL)



ART_1001227724

SECTION 3 - ENGINE

FIGURE 3-19. 4000W GENERATOR INSTALLATION - 220V/50HZ (OPTIONAL)

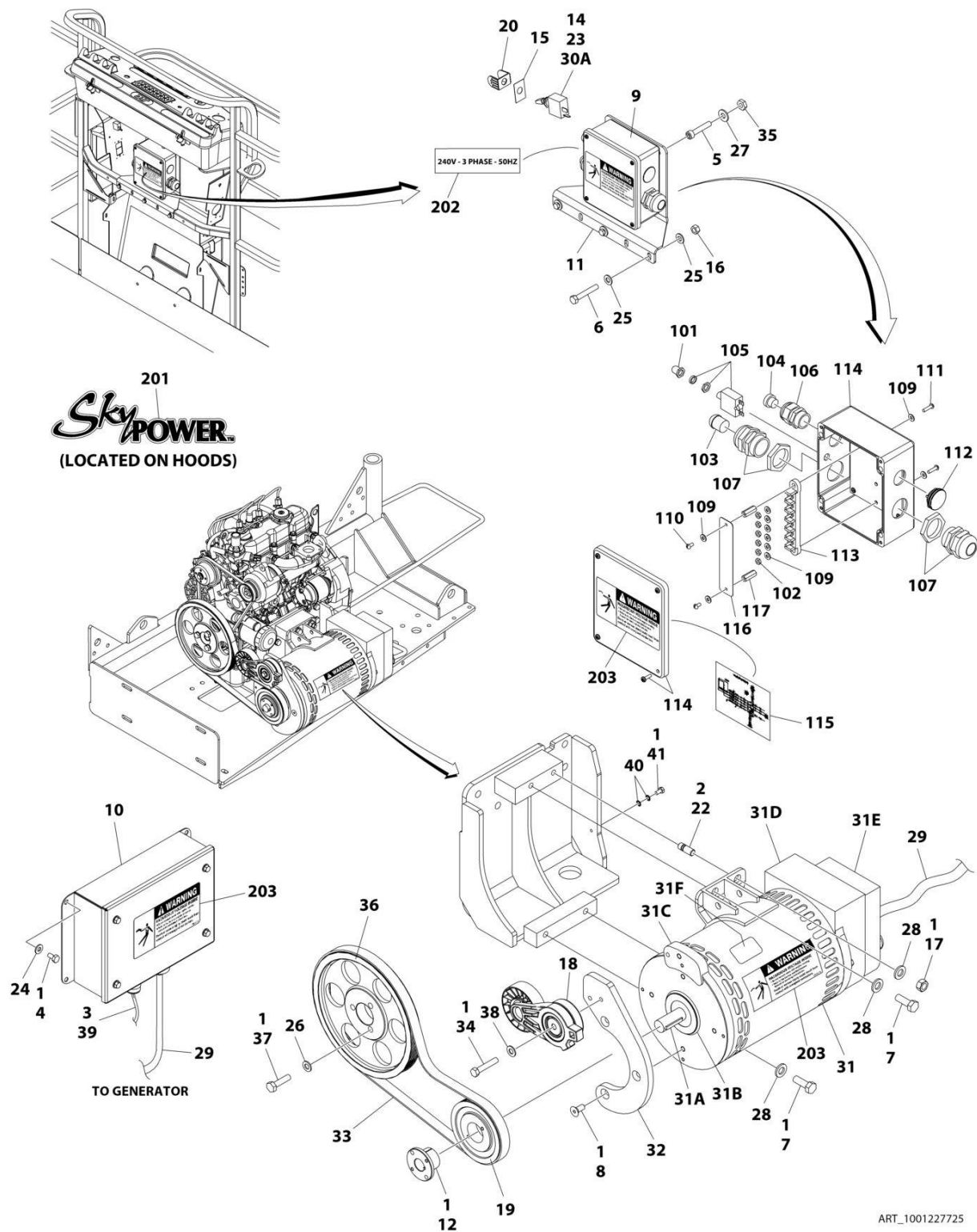
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227724	Ref	4000W GENERATOR INSTALLATION	E
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0641404	4	Bolt 1/4 x 1/2	
5	0641616	1	Bolt 3/8 x 2	
6	0761215	3	Bolt M12 x 35	
7	0741607	3	Screw 3/8 x 7/8	
8	0962520	1	Bushing, Split	
10	1705489	2	Decal - Hazardous Voltage	
11	2820031	AR	Heatshrink	
12	3251102	1	Nameplate - Generator	
13	3291201	1	Nut M12	
14	3580317	1	Tensioner, Belt	
15	1001244352	1	Pully	
16	4060802	1	Guard, Switch	
17	4240018	1	Tie-Strap (Not Shown)	
18	4360336	1	Switch, Toggle	
19	4711400	4	Washer 1/4	
20	4812000	3	Washer M10	
21	5241200	4	Washer M12	
22	0641406	4	Bolt 1/4 x 3/4	
23	1001138566	1	Box, Control	
24	1001206119	1	Generator Assembly	
24	70003709	1	Ring, Retaining (External)	
24	70003708	1	Ring, Retaining (Internal)	
24	70001966	1	Bearing	
24	70004092	1	Endbell (Shaft End)	
24	70004171	1	Key	
24	70004676	1	Rotor	
24	70005624	1	Stator	
24	70004678	1	Endbell (Rear)	
24	70004679	1	Cover, Endbell (Rear)	
24	70004680	1	Enclosure, Wiring	
24	70004681	1	Cover, Enclosure	
24	70004682	1	Switch, Reset (Located on Enclosure Cover)	
24	70004098	1	Connector, Strain Relief (Located on Enclosure Cover)	
24	70004683	1	Bushing, Connector (Use p/n 70004098)	
24	70001973	1	Decal - Warning Pinch Point	
25	1001244926	1	Plate, Tensioner	
26	1001248171	1	V-Belt	
27	1001196382	1	Stud	
28	3311405	4	Nut 1/4	
29	1001165368	1	Breaker Box Kit (See Separate Breakdown in ELECTRICAL SECTION)	
30	1001152532	1	Generator Harness (Generator Control Box to Generator) (See Separate Breakdown in ELECTRICAL SECTION)	
31	1001229080	1	Bracket	
32	1001231225	1	Harness, Generator Enable (Generator Control Box to Engine Harness) (See Separate Breakdown in ELECTRICAL SECTION)	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
32	4460967	1	Plug, Male - 2 Position	
32	4460465	1	Socket, Female	
33	1001183726	1	Pulley	
34	1001186919	3	Bolt M10 x 40	
35	4711600	1	Washer 3/8	
36	4871700	2	Washer M6	
37	0760606	1	Bolt M6 x 12	

SECTION 3 - ENGINE

FIGURE 3-20. 7500W SKYPOWER GENERATOR INSTALLATION - 220V/50HZ (OPTIONAL)



SECTION 3 - ENGINE

FIGURE 3-20. 7500W SKYPOWER GENERATOR INSTALLATION - 220V/50HZ (OPTIONAL)

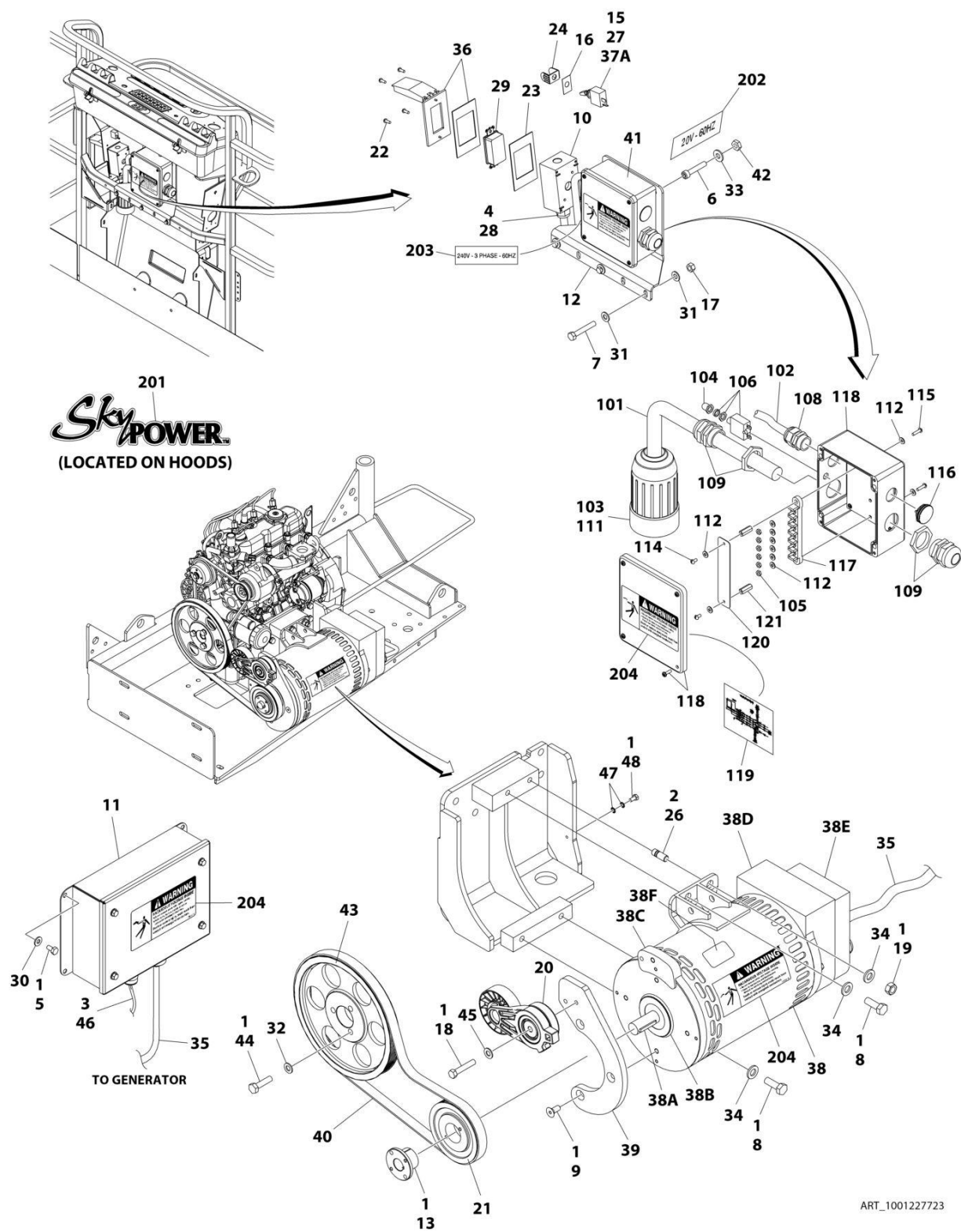
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227725	Ref	7500W SKYPOWER GENERATOR INSTALLATION	D
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0641404	4	Bolt 1/4 x 1/2	
5	3931016	4	Capscrew #10 x 1	
6	0641516	3	Bolt 5/16 x 2	
7	0761215	3	Bolt M12 x 35	
8	0741607	3	Screw 3/8 x 7/8	
9	1001157525	1	Junction Box Assembly (See Items 101-117 for Breakdown)	
10	0861572	1	Box, Control	
10	7024488	1	Card, Circuit - Generator Power (Not Shown)	
10	See Note	1	Fuse (Note: Not Available - Purchase Locally)	
10	7024489	1	Card, Circuit - Control (Not Shown)	
10		Ref	Note: When replacing card, rocker switch on card must be set for required application.	
10	70000619	1	Circuit Card Harness	
10	77363232	1	Connector - 6 Position	
10	See Note	NSS	Connector - 3 Position (Note: Not Available for Purchase)	
11	0902888	1	Bracket	
12	0962520	1	Bushing	
14	2820031	AR	Heatshrink	
15	3252764	1	Nameplate - AC & Weld	
16	3311505	3	Nut 5/16	
17	3291201	1	Nut M12	
18	3580317	1	Tensioner, Belt	
19	3580319	1	Pulley	
20	4060802	1	Guard, Switch	
21	4240018	1	Tie-Strap (Not Shown)	
22	1001196382	1	Stud	
23	4360336	1	Switch, Toggle	
24	4711400	4	Washer 1/4	
25	4711500	6	Washer 5/16	
26	4812000	3	Washer M10	
27	4751000	4	Washer #10	
28	5241200	4	Washer M12	
29	4922925	1	Generator Harness	
29	4460225	1	Plug, Male - 6 Position (Plugs into Generator)	
29	4460268	6	Socket, Female	
29	4460807	1	Seal, Plug	
29	4460808	1	Seal, Interface	
30	1001231260	1	Generator Wiring Diagram (See Separate Breakdown in ELECTRICAL SECTION)	
30A	4922641	1	Switch Harness	
31	1001155348	1	Generator Assembly	
31	70001100	1	Rotor (Includes p/n 70001384 & 70000863) (Not Shown)	
31	70001384	1	Bearing, Shaft (Rear) (Not Shown)	
31	70000863	1	Fan, Generator (Not Shown)	
31	70004093	1	Stator (Not Shown)	
31	70002297	2	Stud 1/4 x 12-7/8 (Not Shown)	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
31	70003631	1	Brushholder Assembly (Not Shown)	B
31A	70004099	1	Key	
31B	70001966	1	Bearing, Ball Radial (Located in Belt Tensioner Endbell)	
31B	70003709	1	Ring, Retaining (Small)	
31B	70003708	1	Ring, Retaining (Large)	
31C	70004092	1	Endbell, Belt Tensioner	
31D	70004094	1	Endbell, Brush Block	
31E	70004096	1	Shroud Assembly	
31E	7027799	1	Block, Connector - 6 Position (Not Shown)	
31E	70002460	6	Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown)	
31E	7024485	1	Breaker, Circuit 30Amp (Not Shown)	
31E	70001696	1	Boot, Breaker (Not Shown)	
31E	7026597	1	Connector with Leads (Not Shown)	
31E	7026626	1	Connector with Pins (Not Shown)	
31E	70004098	1	Clamp, Cable (Not Shown)	
31E	70004095	1	Plate, End Panel (Not Shown)	
31E	70004097	1	Insulator, End Panel (Not Shown)	
31E	70001974	1	Decal - Terminal Connections (Not Shown)	
31F	70001973	1	Decal - Warning Moving Parts	
32	1001227526	1	Plate, Tensioner	
33	1001235296	1	V-Belt	
34	0641616	1	Bolt 3/8 x 2	
35	3311005	4	Nut #10	
36	1001183726	1	Pulley	
37	1001186919	3	Bolt M10 x 40	
38	4711600	1	Washer 3/8	
39	1001231225	1	Harness, Generator Enable (See Separate Breakdown in ELECTRICAL SECTION)	
40	4871700	2	Washer M6	
41	0760606	1	Bolt M6 x 12	
	1001157525	Ref	JUNCTION BOX ASSEMBLY	
101	3300396	1	Cover, Fuse	
102	3311001	6	Nut #10	
103	3520189	1	Plug (50Hz Spec Only)	
104	3520192	1	Plug	
105	4360070	1	Circuit Breaker - 15Amp	
106	4460425	1	Strain Relief, Terminal	
107	4460426	2	Connector, Strain Relief	
109	4711000	11	Washer #10	
110	10702077	2	Screw #10 x 3/8	
111	10702082	2	Screw #10 x 3/4	
112	1001152525	1	Plug	
113	1001157520	1	Block, Terminal	
114	1001157521	1	Box, Junction	
115	1001157528	1	Decal - Wiring Schematic	
116	1001158007	1	Cover, PVC	
117	1001158008	2	Stand-Off	
	0272589	Ref	DECAL INSTALLATION	A
201	1705460	2	Decal - SkyPower	
202	1705461	1	Decal - 240V - 3 Phase	
203	1705489	3	Decal - Hazardous Voltage	

SECTION 3 - ENGINE

FIGURE 3-21. 7500W SKYPOWER GENERATOR INSTALLATION - 110V/60HZ (OPTIONAL)



SECTION 3 - ENGINE

FIGURE 3-21. 7500W SKYPOWER GENERATOR INSTALLATION - 110V/60HZ (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227723	Ref	7500W SKYPOWER GENERATOR INSTALLATION	D
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0100079	AR	Sealant	
5	0641404	4	Bolt 1/4 x 1/2	
6	3931016	4	Capscrew #10 x 1	
7	0641516	3	Bolt 5/16 x 2	
8	0761215	3	Bolt M12 x 35	
9	0741607	3	Screw 3/8 x 7/8	
10	0860038	1	Box, Switch	
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	
15	2820031	AR	Heatshrink	
16	3252764	1	Nameplate - AC & Weld	
17	3311505	3	Nut 5/16	
18	0641616	1	Bolt 3/8 x 2	
19	3291201	1	Nut M12	
20	3580317	1	Pulley	
21	3580318	1	Pulley	
22	3910606	4	Screw #6 x 3/8	
23	3960422	1	Gasket	
24	4060802	1	Guard, Switch	
25	4240018	1	Tie-Strap (Not Shown)	
26	1001196382	1	Stud	
27	4360336	1	Switch, Toggle	
28	4460071	1	Connector, Strain Relief	
29	4460346	1	Receptacle	
30	4711400	4	Washer 1/4	
31	4711500	6	Washer 5/16	
32	4812000	3	Washer M10	
33	4751000	4	Washer #10	
34	5241200	4	Washer M12	
35	4922925	1	Generator Harness	
35	4460225	1	Plug, Male -6 Position (Plugs into Generator)	
35	4460268	6	Socket, Female	
35	4460807	1	Seal, Plug	
35	4460808	1	Seal, Interface	
36	1001110873	1	Cover	
37	1001231260	1	Generator Wiring Diagram (See Separate Breakdown in ELECTRICAL SECTION)	
37A	4922641	1	Switch Harness	
38	1001155348	1	Generator Assembly	
38	70004093	1	Stator (Not Shown)	
38	70002297	2	Stud 1/4 x 12-7/8 (Not Shown)	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
38	70003631	1	Brushholder Assembly (Not Shown)	C
38A	70004099	1	Key	
38B	70001966	1	Bearing, Ball Radial (Located in Belt Tensioner Endbell)	
38B	70003709	1	Ring, Retaining (Small)	
38B	70003708	1	Ring, Retaining (Large)	
38C	70004092	1	Endbell, Belt Tensioner	
38D	70004094	1	Endbell, Brush Block	
38E	70004096	1	Shroud Assembly	
38E	7027799	1	Block, Connector - 6 Position (Not Shown)	
38E	70002460	6	Nut Brass (Attaches p/n 7027799 to Cover) (Not Shown)	
38E	7024485	1	Breaker, Circuit 30Amp (Not Shown)	
38E	70001696	1	Boot, Breaker (Not Shown)	
38E	7026597	1	Connector with Leads (Not Shown)	
38E	7026626	1	Connector with Pins (Not Shown)	
38E	70004098	1	Clamp, Cable (Not Shown)	
38E	70004095	1	Plate, End Panel (Not Shown)	
38E	70004097	1	Insulator, End Panel (Not Shown)	
38E	70001974	1	Decal - Terminal Connections (Not Shown)	
38F	70001973	1	Decal - Warning Moving Parts	
39	1001227526	1	Plate, Tensioner	
40	1001235519	1	V-Belt	
41	1001157592	1	Junction Box Assembly (See Items 101-121 for Breakdown)	
42	3311005	4	Nut #10	
43	1001183726	1	Pulley	
44	1001186919	3	Bolt M10 x 40	
45	4711600	1	Washer 3/8	
46	1001231225	1	Harness, Generator Enable (See Separate Breakdown in ELECTRICAL SECTION)	
47	4871700	2	Washer M6	
48	0760606	1	Bolt M6 x 12	
	1001157592	Ref	JUNCTION BOX ASSEMBLY	
101	1060343	1.5 ft/ 0.5m	Cable, Electrical 10/4	
102	1001179154	2.5 ft/ 0.8m	Cable, Electrical 12/3	
103	1671092	1	Cover	
104	3300396	1	Cover, Fuse	
105	3311001	6	Nut #10	
106	4360070	1	Circuit Breaker - 15Amp	
108	4460425	1	Strain Relief, Terminal	
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	
	0272435	Ref	DECAL INSTALLATION	D

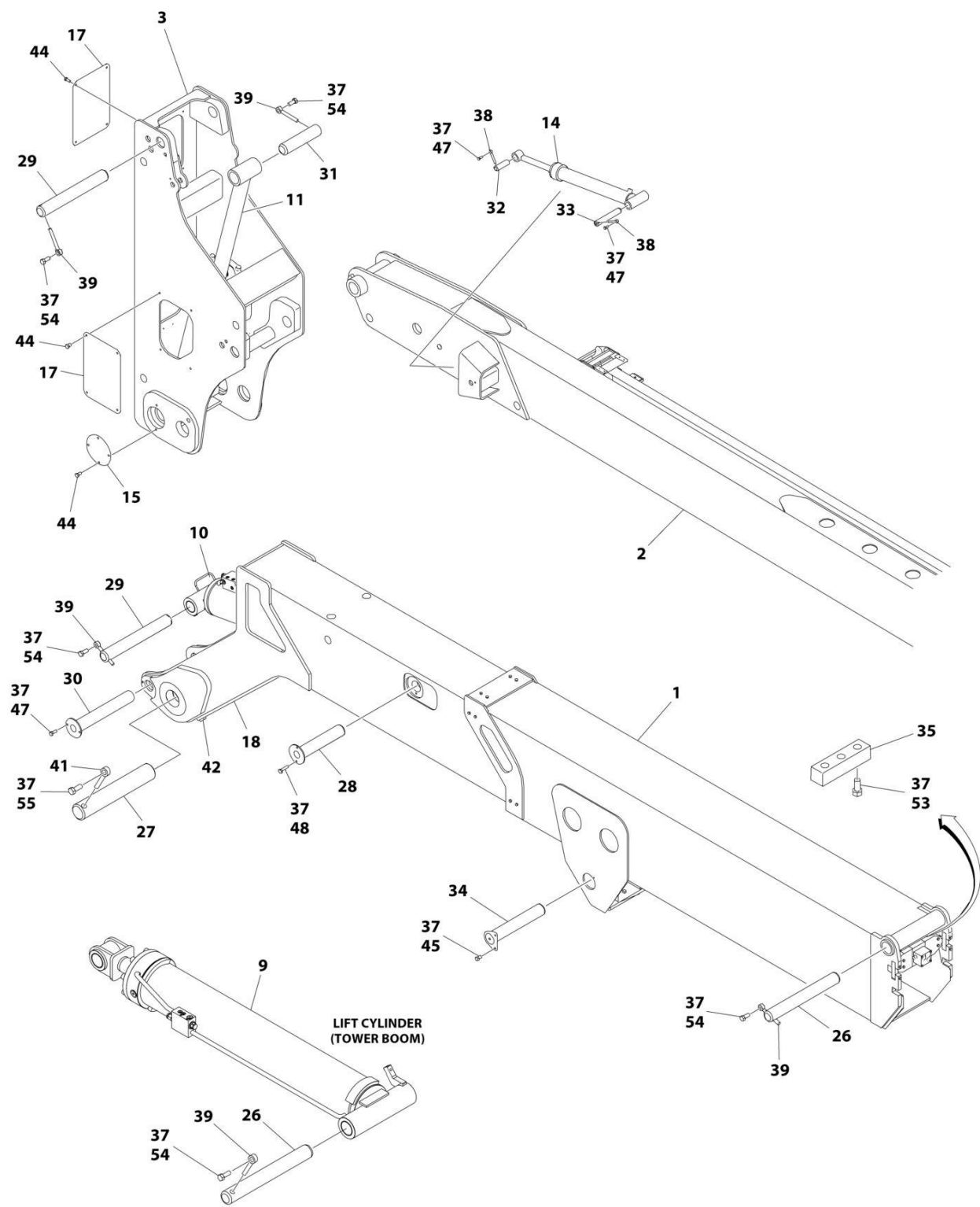
SECTION 3 - ENGINE

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

SECTION 4 - BOOM

SECTION 4 - BOOM

FIGURE 4-1. BOOM AND CYLINDER INSTALLATION (Prior to SN 0300261401)



ART_1001170448_10F2

ART_1001170448_2OF2



SECTION 4 - BOOM

FIGURE 4-1. BOOM AND CYLINDER INSTALLATION (Prior to SN 0300261401)

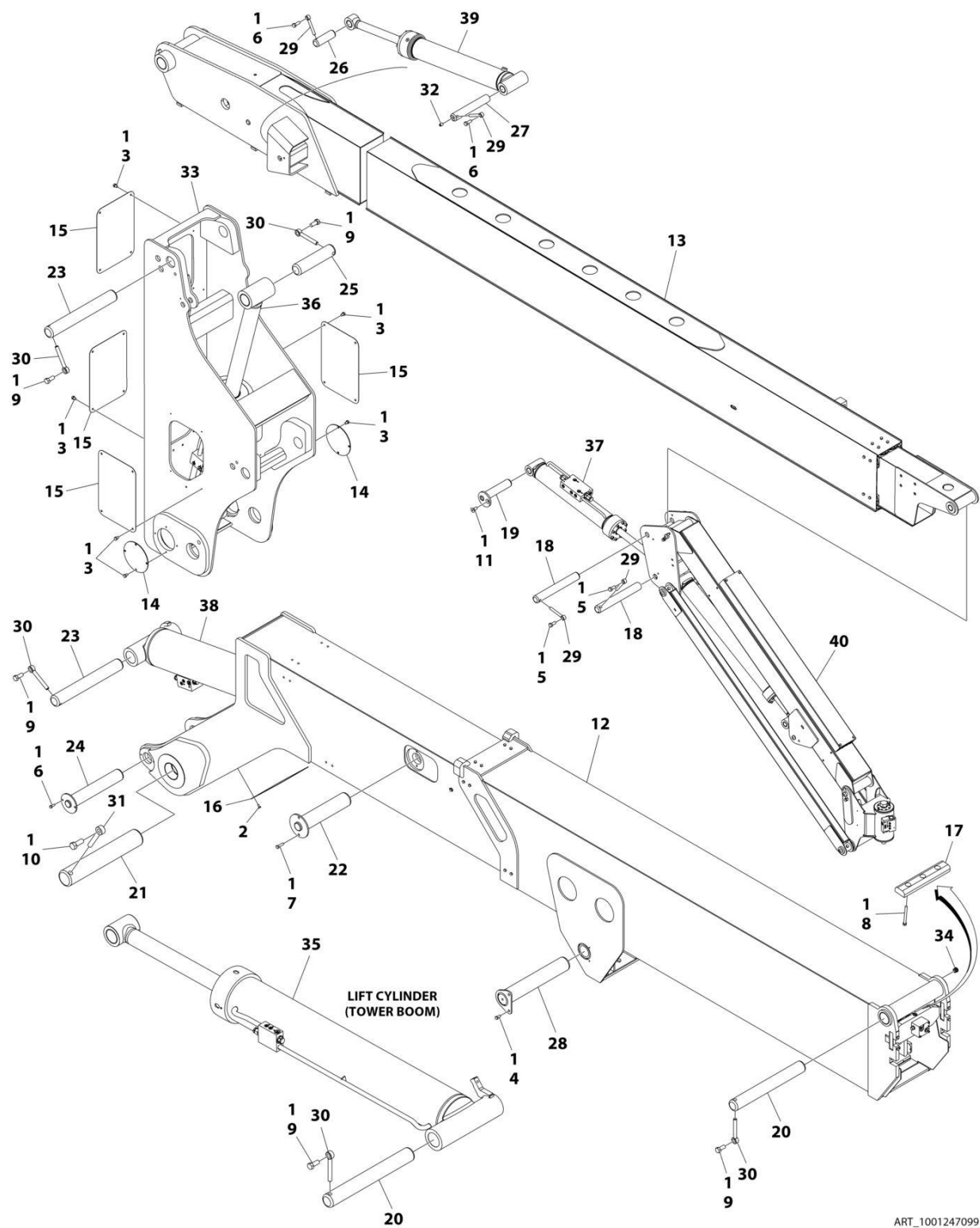
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170448	Ref	BOOM AND CYLINDER INSTALLATION (Prior to SN 0300261401)	M
1	0801132	1	Boom Assembly - Tower (See Separate Breakdown in this Section)	
2	1001149286	1	Boom Assembly - Main (See Separate Breakdown in this Section)	
3	4845593	1	Upright	
4	1001217780	1	Rotator Actuator Assembly (See Separate Breakdown in this Section)	
6	4844816	1	Tube, Jib (Top)	
6A	0962335	4	Bearing	
7	4844817	2	Tube, Jib (Bottom)	
8	1001170548	1	Pivot	
9	1683537	NLA	Tower Boom Lift Cylinder Assembly (Use p/n 1001228009) (See Separate Breakdown in CYLINDER SECTION) (Prior to SN 0300247156)	
9	1001228009	1	Tower Boom Lift Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION) (SN 0300247156 through 0300261401)	
10	1684497	NLA	Upright Level (Slave) Cylinder Assembly (Use p/n 1001228041) (See Separate Breakdown in CYLINDER SECTION) (Prior to SN 0300247156)	
10	1001228041	1	Upright Level (Slave) Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION) (SN 0300247156 through 0300261401)	
11	1683547	NLA	Main Boom Lift Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION) (Use p/n 1001228010) (Prior to SN 0300247156)	
11	1001228010	1	Main Boom Lift Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION) (SN 0300247156 through 0300261401)	
12	1683609	NLA	Jib Lift Cylinder Assembly (Use p/n 1001248012) (See Separate Breakdown in CYLINDER SECTION) (Prior to SN 0300247156)	
12	1001248012	1	Jib Lift Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION) (SN 0300247156 through 0300261401)	
13	1684228	NLA	Jib Level (Slave) Cylinder Assembly (Use p/n 1001228030) (See Separate Breakdown in CYLINDER SECTION) (Prior to SN 0300247156)	
13	1001228030	1	Jib Level (Slave) Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION) (SN 0300247156 through 0300261401)	
14	1683682	NLA	Master Cylinder Assembly (Use p/n 1001228050) (See Separate Breakdown in CYLINDER SECTION) (Prior to SN 0300247156)	
14	1001228050	1	Master Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION) (SN 0300247156 through 0300261401)	
15	1120510	2	Cover, Upright	
17	1670844	4	Cover, Upright	
18	1670850	1	Cover, Tower Fly	
19	0961947	6	Bearing	
20	3422860	2	Pin	
21	3422861	2	Pin	
22	3422867	1	Pin	
23	3422561	2	Pin	
25	3422583	1	Pin	
26	3422681	2	Pin	
27	3422683	1	Pin	
28	3422684	1	Pin	
29	3422685	2	Pin	
30	3422686	1	Pin	

SECTION 4 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
31	3422687	1	Pin	
32	3422688	1	Pin	
33	3422689	1	Pin	
34	3422729	1	Pin	
35	3340835	1	Pad, Rest	
36	1001165350	2	Clamp, Block	
37	0100011	AR	Compound, Locking	
38	3841143	7	Keeper, Pin	
39	3841287	5	Keeper, Pin	
40	3841340	1	Rod, Hose Loop	
41	3841356	1	Keeper, Pin	
42	0641404	4	Bolt 1/4 x 1/2	
44	0641604	24	Bolt 3/8 x 1/2	
45	0641606	4	Bolt 3/8 x 3/4	
46	0641607	3	Bolt 3/8 x 7/8	
47	0641608	5	Bolt 3/8 x 1	
48	0641611	3	Bolt 3/8 x 1-3/8	
51	0641618	4	Bolt 3/8 x 2-1/4	
53	0641820	3	Bolt 1/2 x 2-1/2	
53	0641840	3	Bolt 1/2 x 5	
54	0642214	5	Bolt 3/4 x 1-3/4	
55	0642620	1	Bolt 1 x 2-1/2	
57	0741607	1	Screw 3/8 x 7/8	
59	3311605	5	Nut 3/8	
64	4740439	2	Washer, Thrust	
66	0641424	4	Bolt 1/4 x 3	
67	1671034	1	Cover, Jib	
68	1001213705	1	Plug (Not Shown - Located on T/T near item 26 Pin)	

SECTION 4 - BOOM

FIGURE 4-2. BOOM AND CYLINDER INSTALLATION (SN 0300261401 through 0300270863)



ART_1001247099

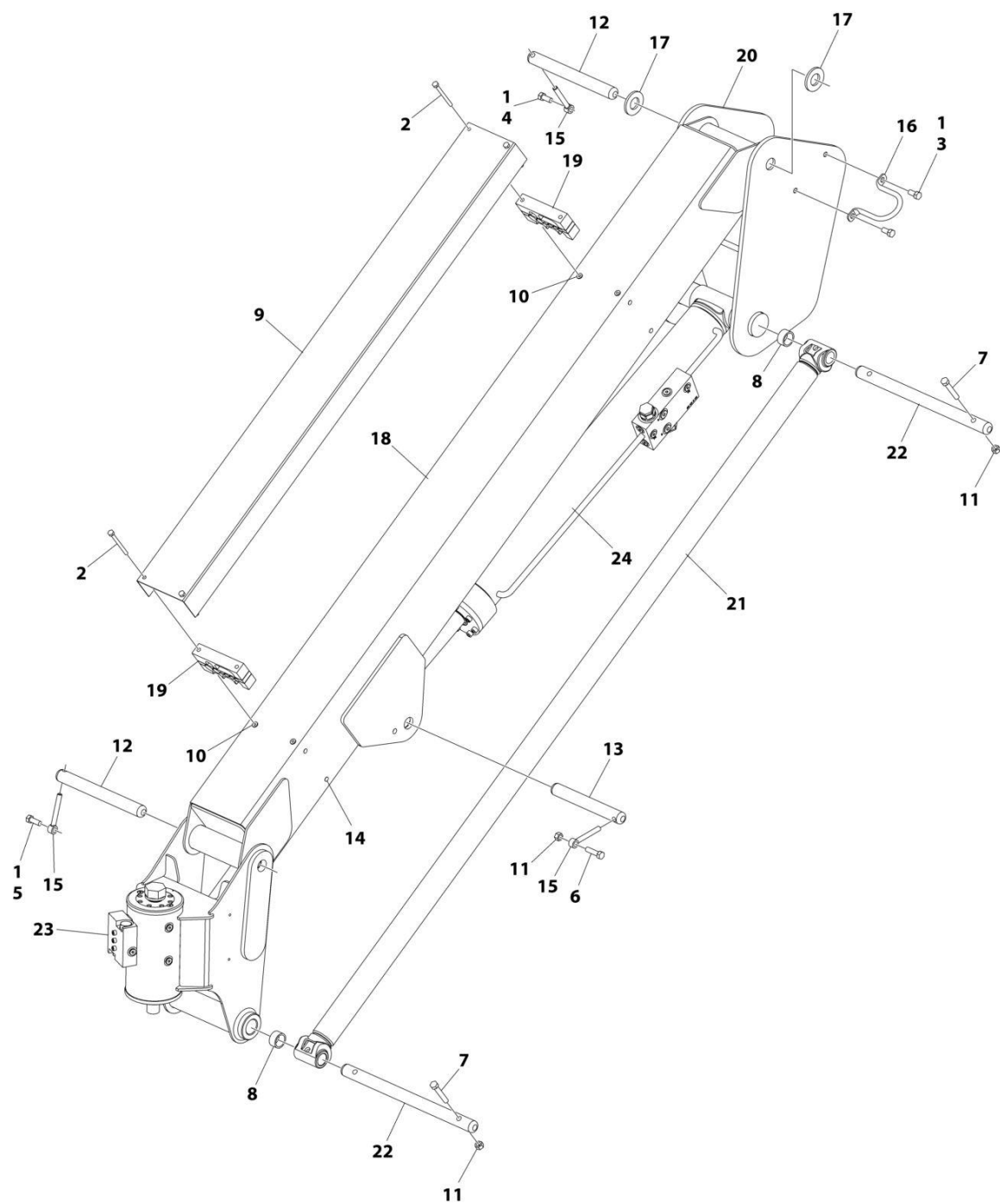
SECTION 4 - BOOM

FIGURE 4-2. BOOM AND CYLINDER INSTALLATION (SN 0300261401 through 0300270863)

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

SECTION 4 - BOOM

FIGURE 4-3. JIB ASSEMBLY (SN 0300261401 through 0300270863)



ART_1001247147

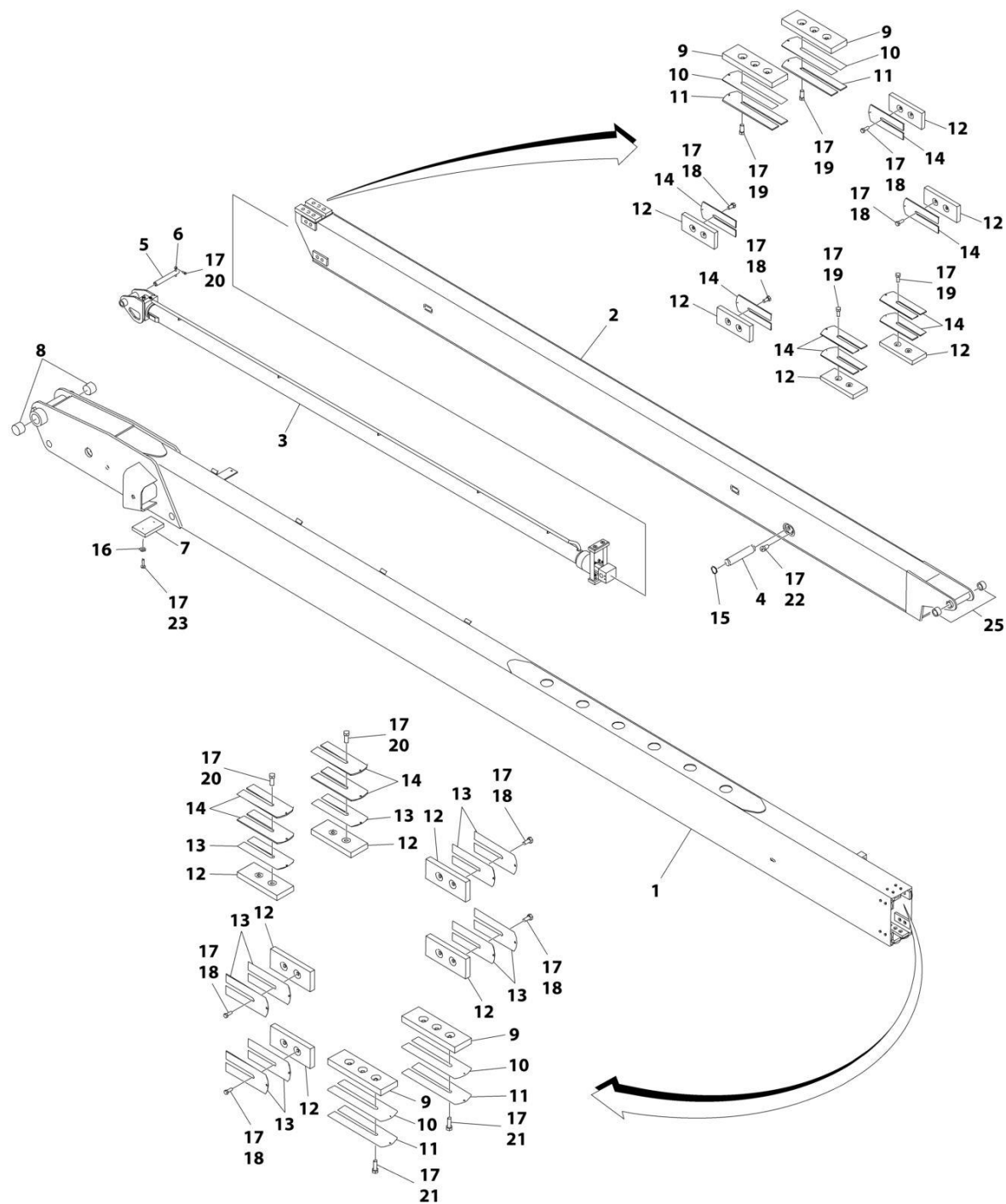
SECTION 4 - BOOM

FIGURE 4-3. JIB ASSEMBLY (SN 0300261401 through 0300270863)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001247147	Ref	JIB ASSEMBLY	A
1	0100011	AR	Compound, Locking	
2	0641424	4	Bolt 1/4 x 3	
3	0641606	2	Bolt 3/8 x 3/4	
4	0641607	1	Bolt 3/8 x 7/8	
5	0641608	1	Bolt 3/8 x 1	
6	0641611	1	Bolt 3/8 x 1-3/8	
7	0641618	4	Bolt 3/8 x 2-1/4	
8	0961947	6	Bearing	
9	1671034	1	Cover	
10	2080044	4	Fastner 1/4	
11	3311605	5	Nut 3/8	
12	3422860	2	Pin	
13	3422867	1	Pin	
14	3520034	8	Plug	
15	3841143	3	Keeper, Pin	
16	3841340	1	Loop, Hose	
17	4740439	2	Washer	
18	4844816	1	Tube (Top)	
19	1001165350	2	Block, Clamp	
20	1001170548	1	Pivot	
21	1001181960	2	Link	
22	1001182064	2	Pin	
23	1001217780	1	Rotator Assembly (See Separate Breakdown in this Section)	
24	1001248012	1	Lift Cylinder Assembly - Jib (See Separate Breakdown in CYLINDER SECTION)	

SECTION 4 - BOOM

FIGURE 4-4. MAIN BOOM ASSEMBLY



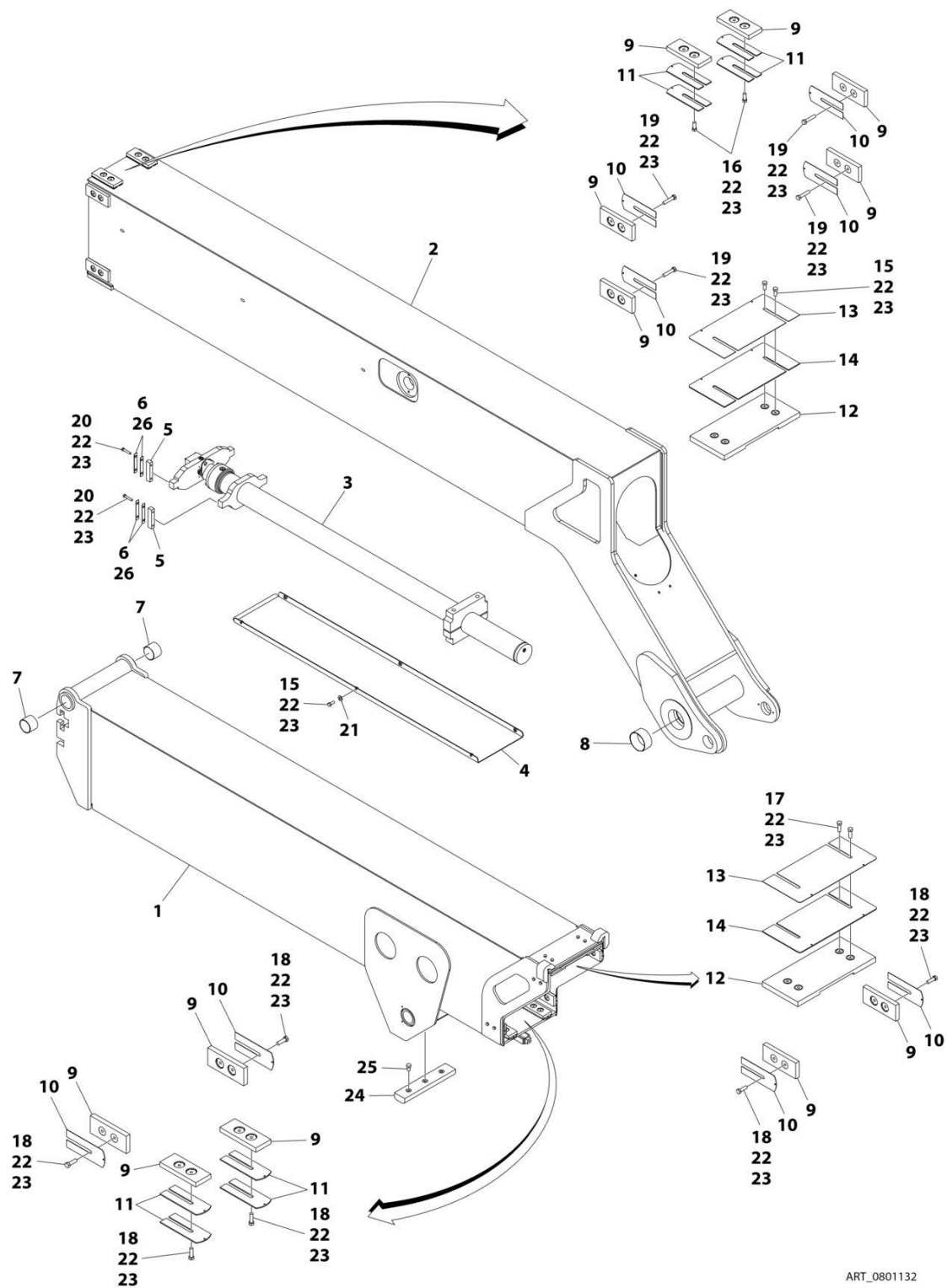
ART_1001149286

FIGURE 4-4. MAIN BOOM ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001149286	Ref	MAIN BOOM ASSEMBLY	C
1	0801591	1	Base, Boom	
2	0801573	1	Fly, Boom	
3	1001149284	NLA	Telescope Cylinder Assembly (Use p/n 1001228087) (See Separate Breakdown in CYLINDER SECTION) (Prior to SN 0300247156)	
3	1001228087	1	Telescope Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION) (SN 0300247156 through 0300270863)	
4	3422457	1	Pin	
5	3422690	1	Pin	
6	3841143	1	Keeper, Pin	
7	0561295	1	Block, Boom Rest	
8	0962102	2	Bushing	
9	3340871	4	Pad, Wear	
10	4070863	4	Shim 1/8	
11	4070864	4	Shim .05	
12	1001148652	12	Pad, Wear	
13	4070897	10	Shim .05	
14	4070898	12	Shim 1/8	
15	3760133	2	Ring, Retaining	
16	4711600	2	Washer 3/8	
17	0100011	AR	Compound, Locking	
18	0641606	16	Bolt 3/8 x 3/4	
19	0641607	10	Bolt 3/8 x 7/8	
20	0641608	5	Bolt 3/8 x 1	
21	0641609	6	Bolt 3/8 x 1-1/8	
22	3900259	4	Bolt, Shoulder	
23	0641612	2	Bolt 3/8 x 1-1/2	
25	0961951	2	Bushing	

SECTION 4 - BOOM

FIGURE 4-5. TOWER BOOM ASSEMBLY



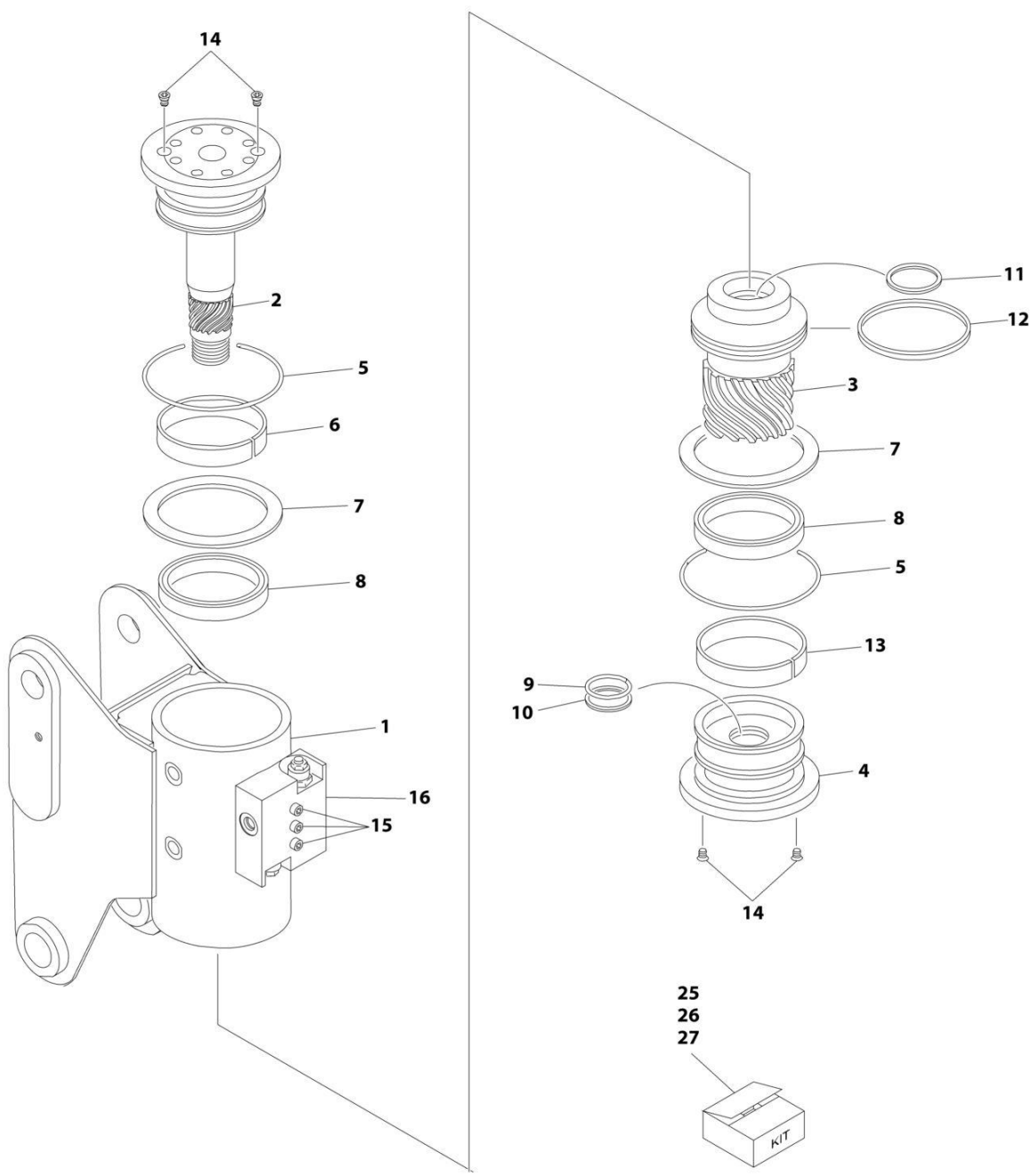
ART_0801132

FIGURE 4-5. TOWER BOOM ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0801132	Ref	TOWER BOOM ASSEMBLY	H
1	0801594	1	Base, Boom	
2	0801496	1	Fly, Boom	
3	1001188840	1	Tower Telescope Cylinder Assembly (See Separate Breakdown in CYLINDER ASSEMBLY)	
3	1001228086	1	Tower Telescope Cylinder Assembly (See Separate Breakdown in CYLINDER ASSEMBLY)	
4	4340706	1	Support	
5	0561185	4	Block, Attach	
6	4070929	8	Shim 1/16	
7	0962102	2	Bushing	
8	0962122	2	Bushing	
9	3340881	12	Pad, Wear	
10	4070897	8	Shim .05	
11	4070898	8	Shim .12	
12	3340828	2	Pad, Wear	
13	4070967	2	Shim .05	
14	4070968	2	Shim .12	
15	0641607	10	Bolt 3/8 x 7/8	
16	0641608	4	Bolt 3/8 x 1	
17	0641609	4	Bolt 3/8 x 1-1/8	
18	0641610	12	Bolt 3/8 x 1-1/4	
19	0641615	8	Bolt 3/8 x 1-7/8	
20	0641616	8	Bolt 3/8 x 2	
21	4711600	6	Washer 3/8	
22	0100011	AR	Compound, Locking	
23	0100038	AR	Primer, Locking	
24	3340835	1	Pad, Boom Rest	
25	0641806	3	Bolt 1/2 x 3/4	
26	4071007	4	Shim 20Ga	

SECTION 4 - BOOM

FIGURE 4-6. ROTATOR ASSEMBLY



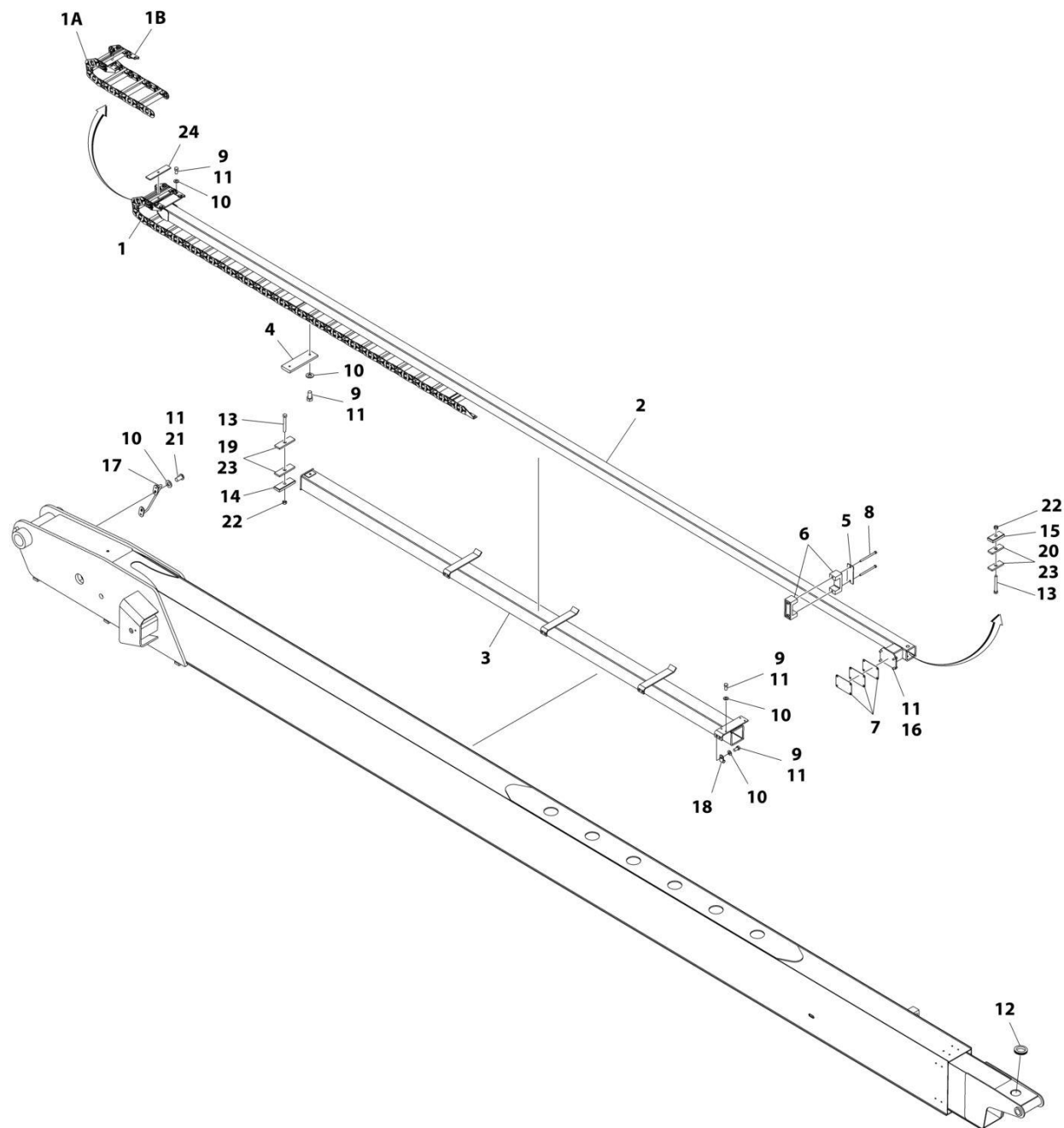
ART_1001217780

FIGURE 4-6. ROTATOR ASSEMBLY

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

SECTION 4 - BOOM

FIGURE 4-7. POWER TRACK INSTALLATION - MAIN BOOM



ART_0258077

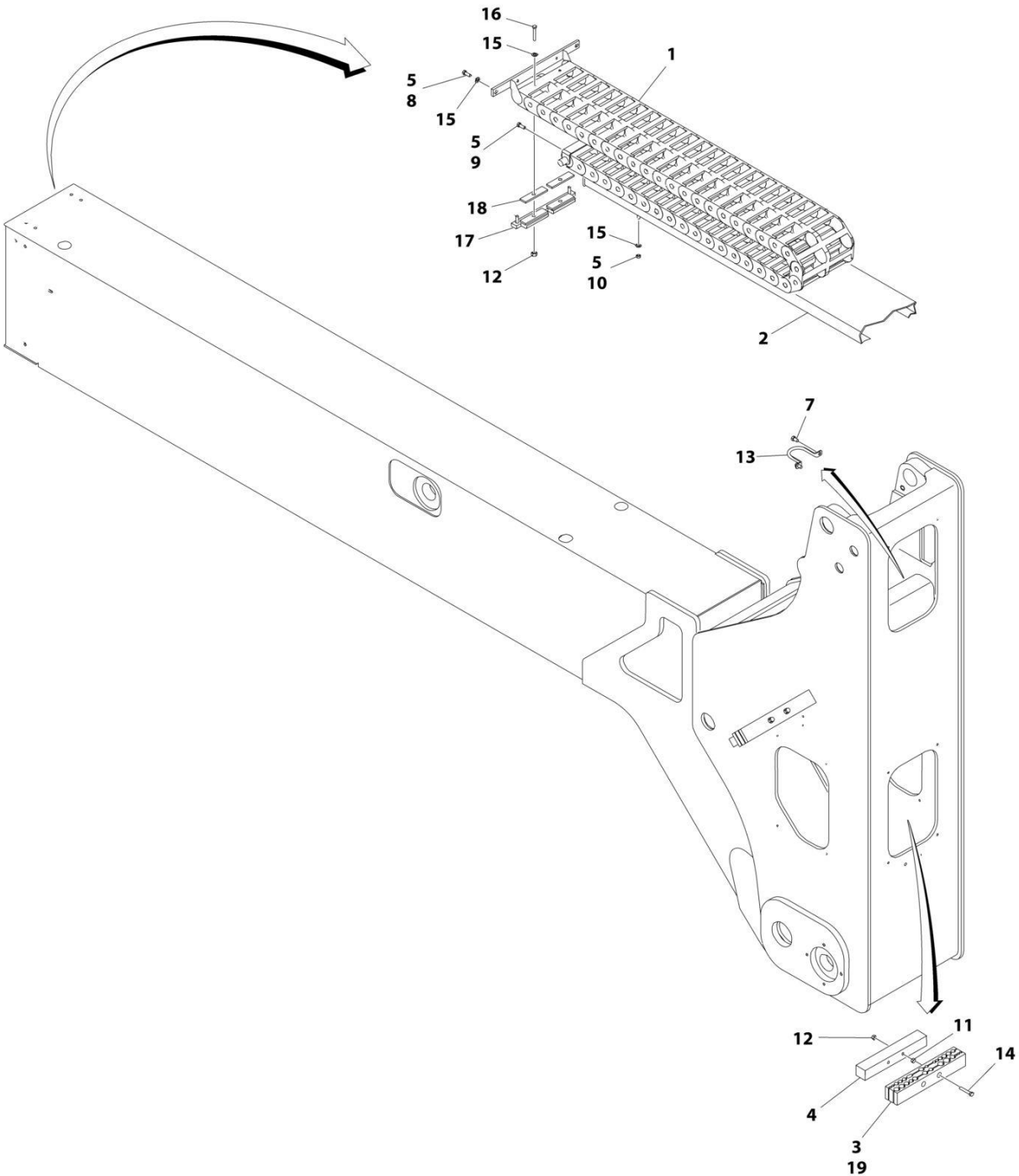
SECTION 4 - BOOM

FIGURE 4-7. POWER TRACK INSTALLATION - MAIN BOOM

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

SECTION 4 - BOOM

FIGURE 4-8. POWER TRACK INSTALLATION - TOWER BOOM



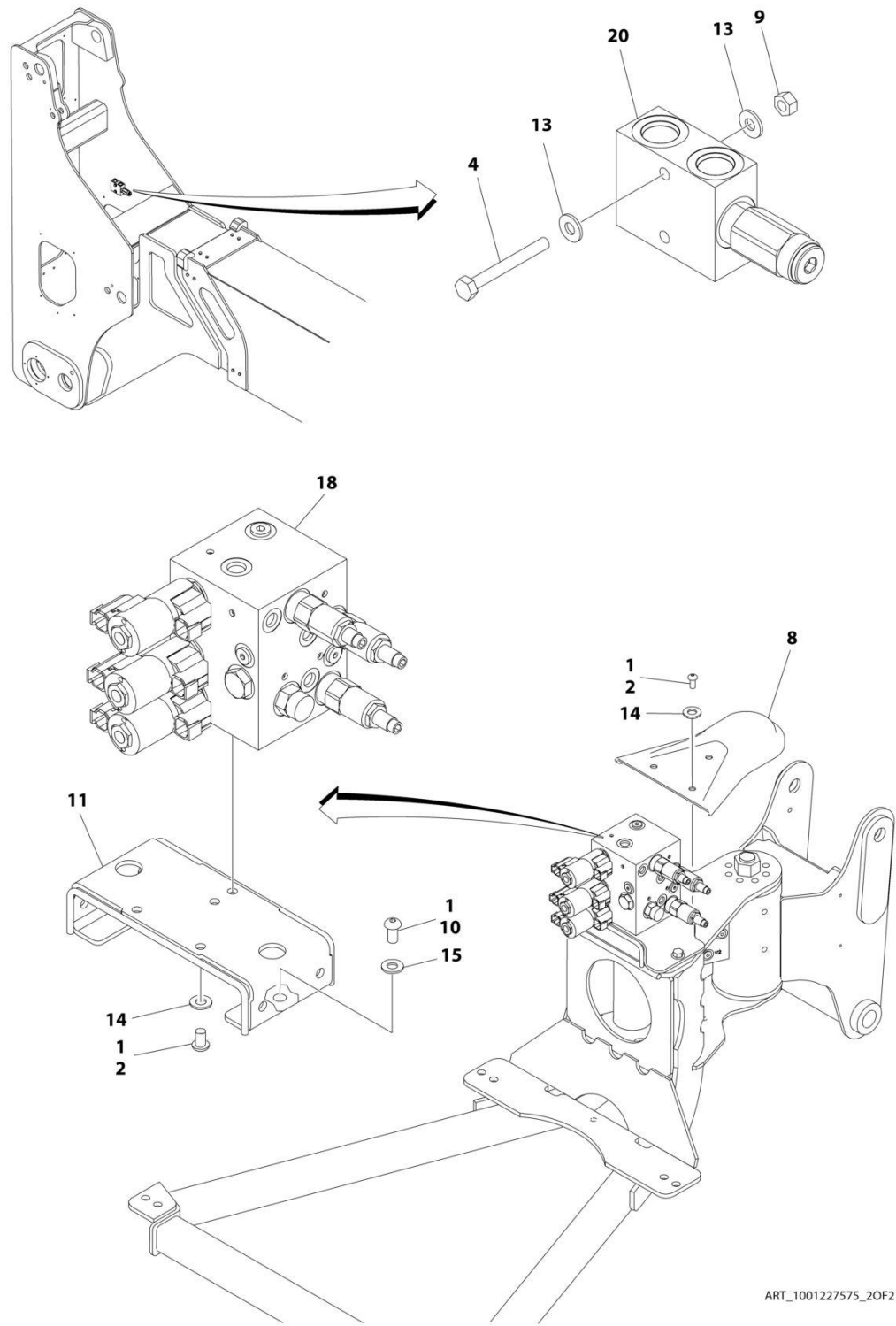
ART_1001171203

FIGURE 4-8. POWER TRACK INSTALLATION - TOWER BOOM

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

SECTION 4 - BOOM

FIGURE 4-9. BOOM VALVES INSTALLATION - WITHOUT LSS



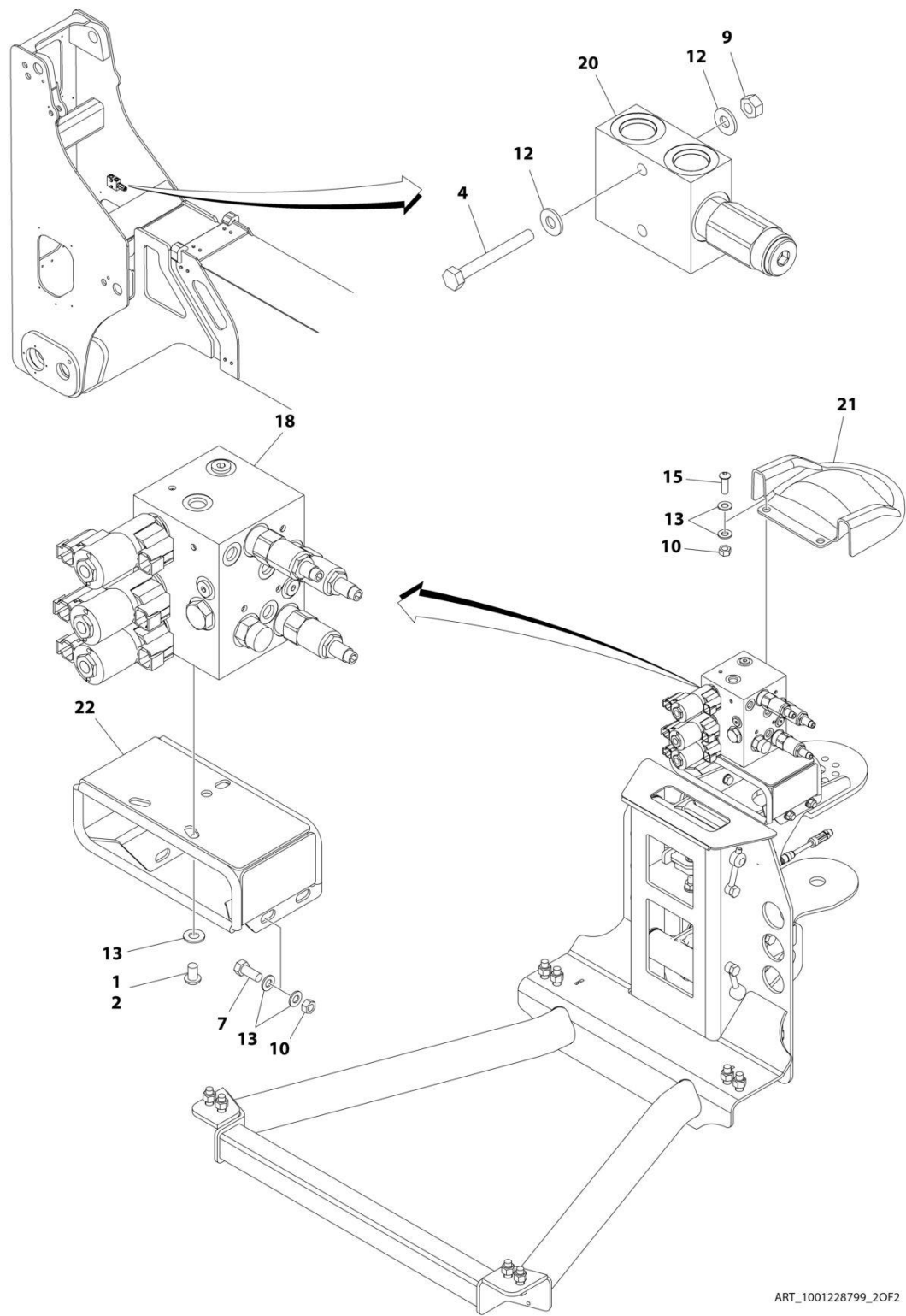
ART_1001227575_20F2

FIGURE 4-9. BOOM VALVES INSTALLATION - WITHOUT LSS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227575	Ref	BOOM VALVES INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0630467	6	Screw 5/16 x 1/2	
4	0641418	2	Bolt 1/4 x 2-1/4	
8	1670964	1	Cover	
9	3311405	2	Nut 1/4	
10	3900283	2	Screw 3/8 x 3/4	
11	4341264	1	Bracket, Mounting	
13	4711400	4	Washer 1/4	
14	4711500	6	Washer 5/16	
15	4711600	5	Washer 3/8	
18	1001152565	1	Boom Valve Assembly (See Separate Breakdown in this Section)	
20	1001200054	1	Valve Assembly (Relief)	
20	7012970	1	Cartridge, Valve	
20	7012953	1	Seal Kit - 7012970 Cartridge	

SECTION 4 - BOOM

FIGURE 4-10. BOOM VALVES INSTALLATION - WITH LSS



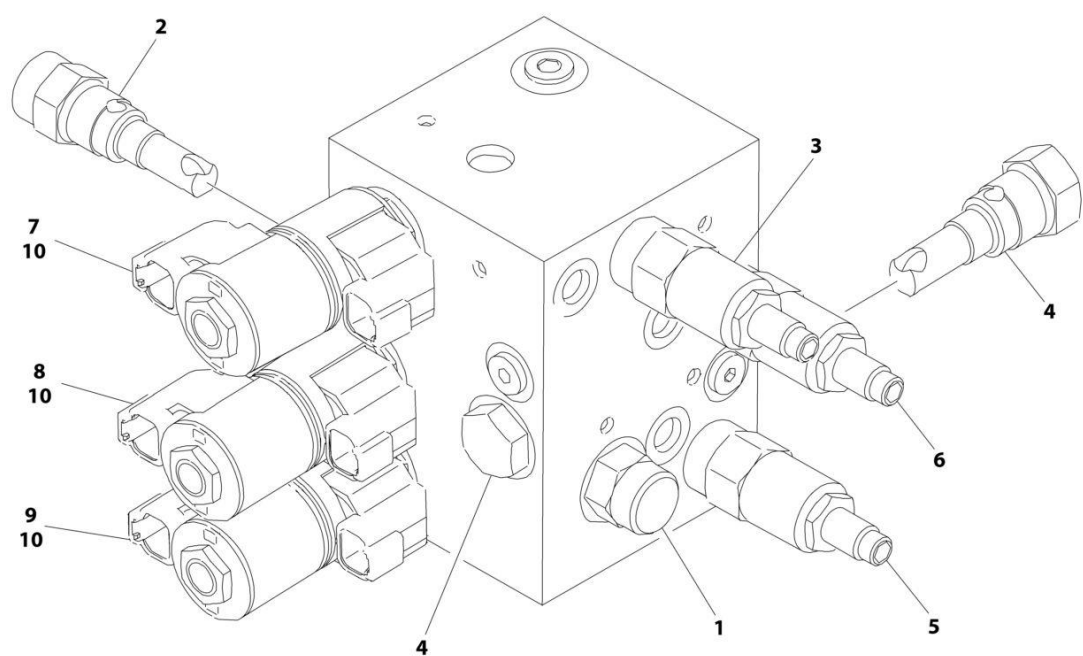
ART_1001228799_20F2

FIGURE 4-10. BOOM VALVES INSTALLATION - WITH LSS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228799	Ref	BOOM VALVES INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0630467	3	Screw 5/16 x 1/2	
4	0641418	2	Bolt 1/4 x 2-1/4	
7	0641607	4	Bolt 3/8 x 7/8	
9	3311405	2	Nut 1/4	
10	3311505	6	Nut 5/16	
12	4711400	8	Washer 1/4	
13	4711500	15	Washer 5/16	
15	88261024	2	Capscrew 5/16 x 1	
18	1001152565	1	Boom Valve Assembly (See Separate Breakdown in this Section)	
20	1001200054	1	Valve Assembly (Relief)	
20	7012970	1	Cartridge, Valve	
20	7012953	1	Seal Kit - 7012970 Valve	
21	1001207969	1	Cover	
22	1001208994	1	Mount	

SECTION 4 - BOOM

FIGURE 4-11. BOOM VALVE ASSEMBLY



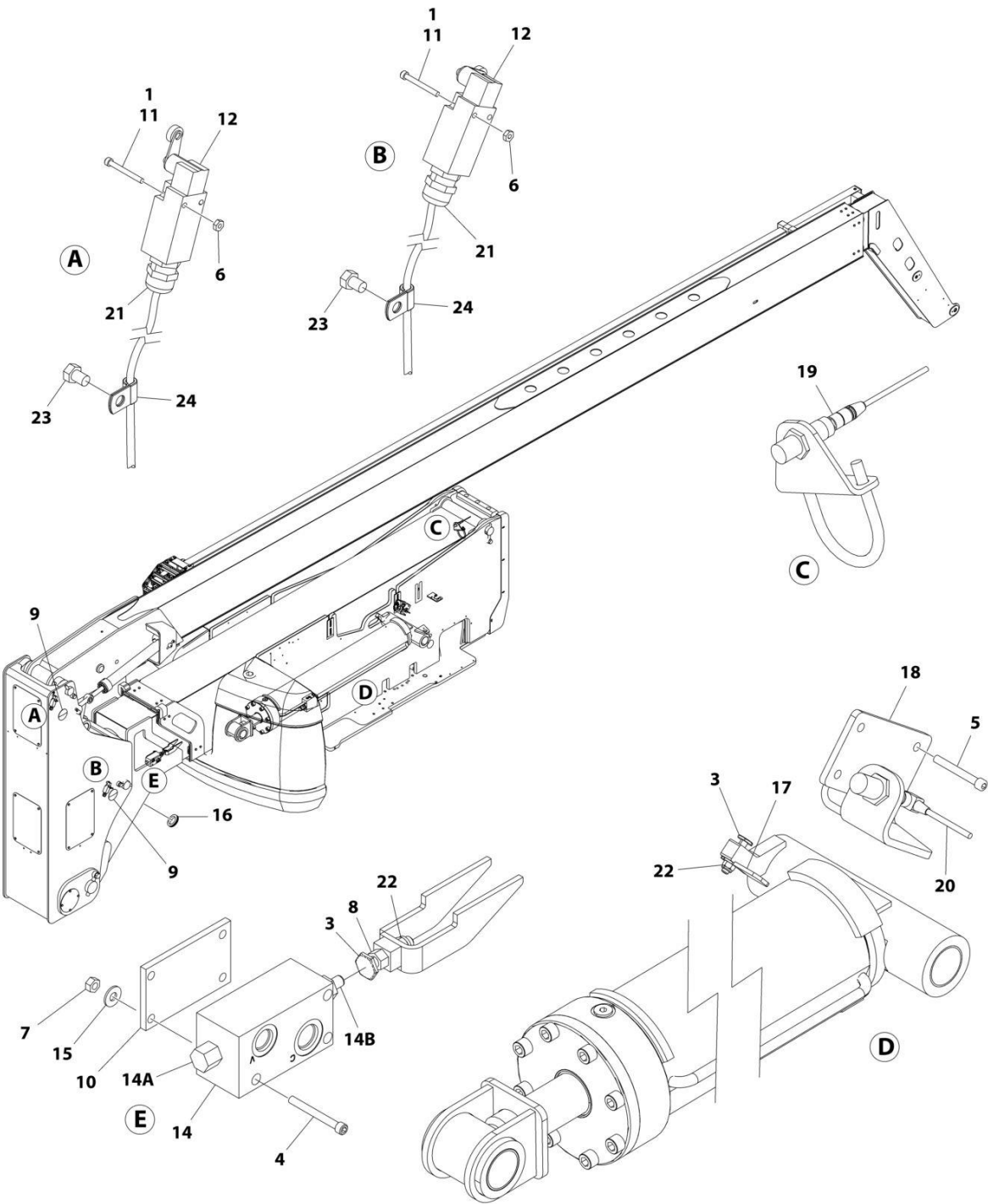
ART_1001152565

FIGURE 4-11. BOOM VALVE ASSEMBLY

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

SECTION 4 - BOOM

FIGURE 4-12. BOOM VALVE AND LIMIT SWITCHES INSTALLATION



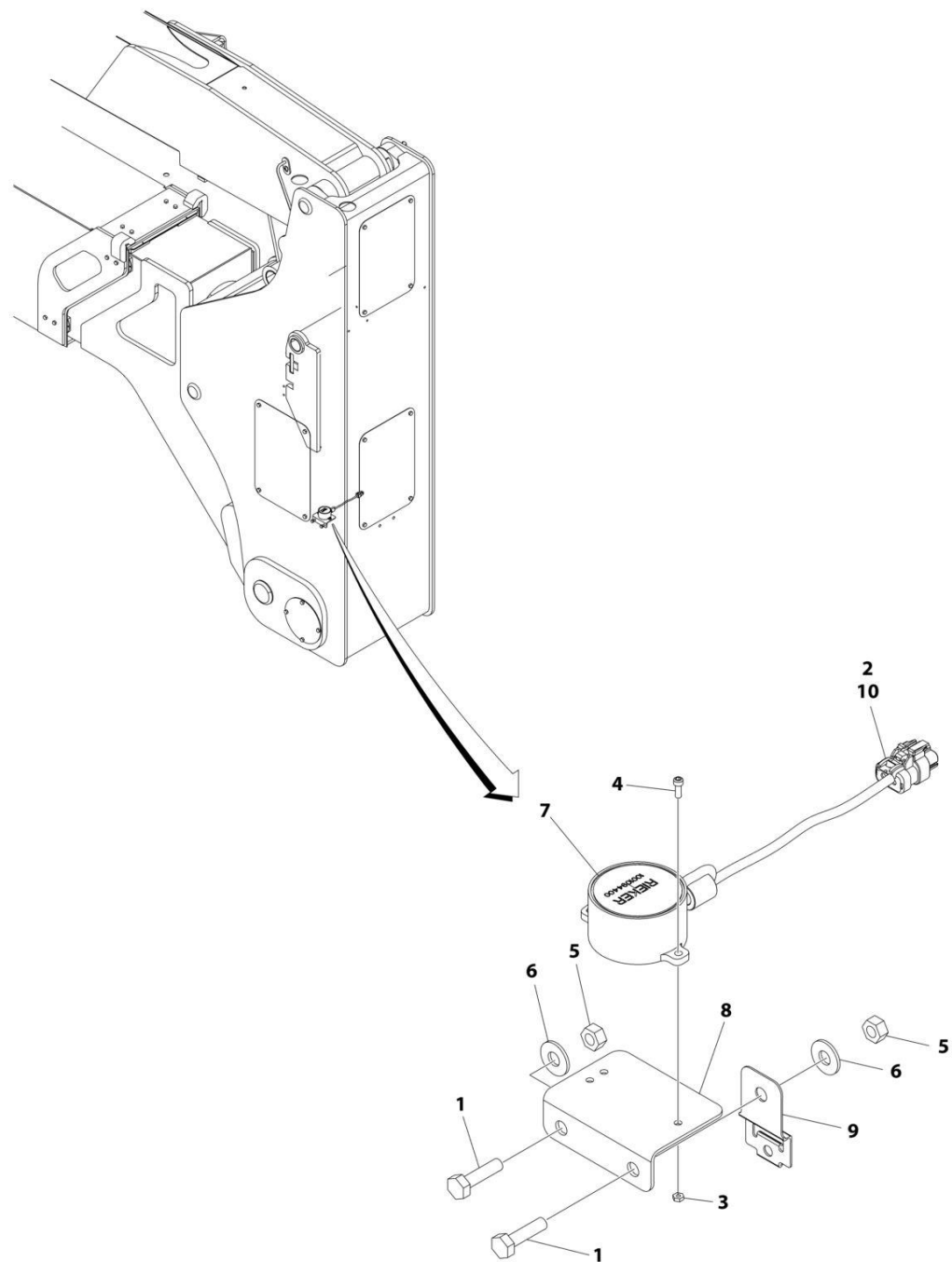
ART_0258217

FIGURE 4-12. BOOM VALVE AND LIMIT SWITCHES INSTALLATION

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

SECTION 4 - BOOM

FIGURE 4-13. TILT SENSOR INSTALLATION



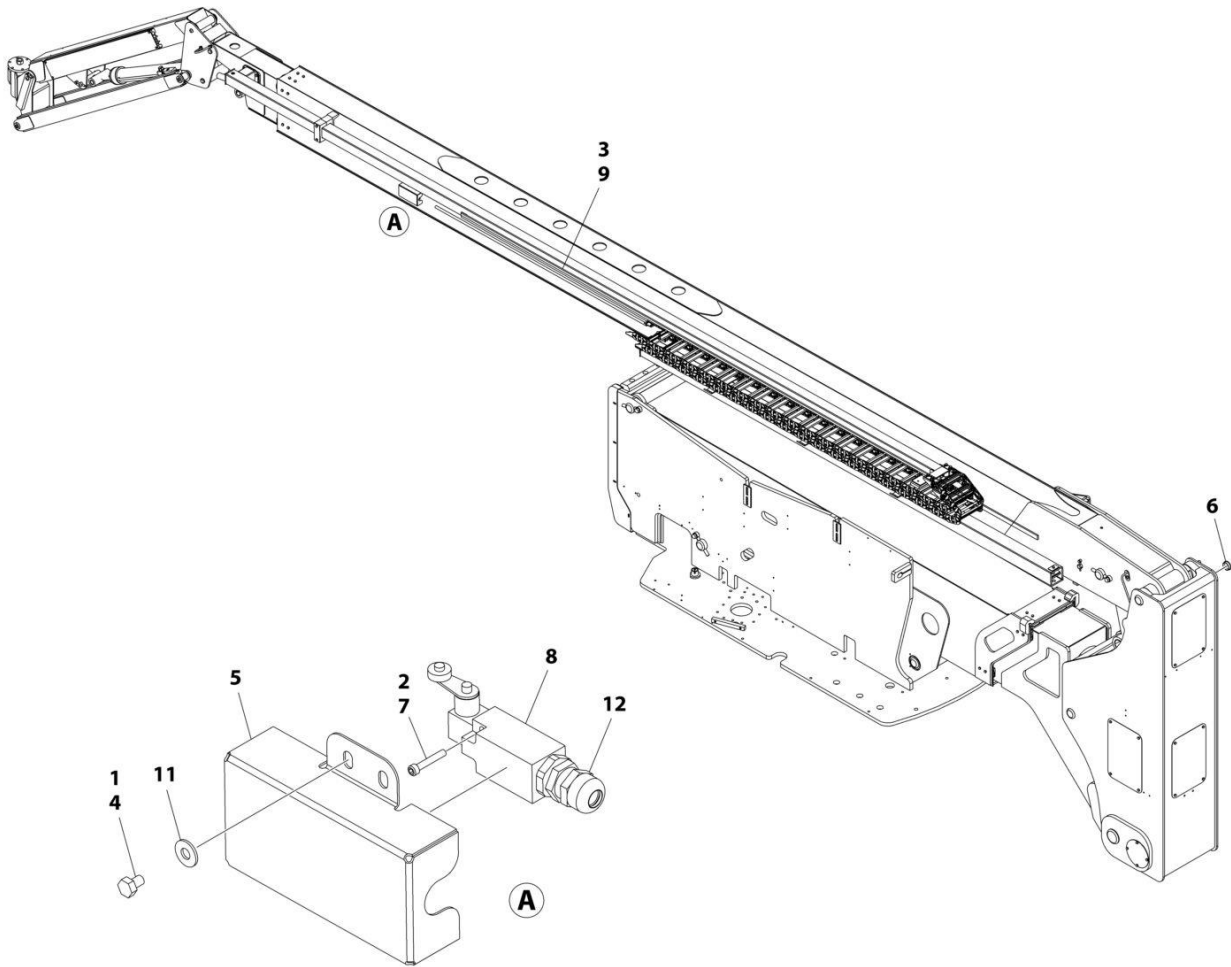
ART_0275733

FIGURE 4-13. TILT SENSOR INSTALLATION

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

SECTION 4 - BOOM

FIGURE 4-14. TRANSPORT POSITION SWITCH INSTALLATION (CE SPECS)



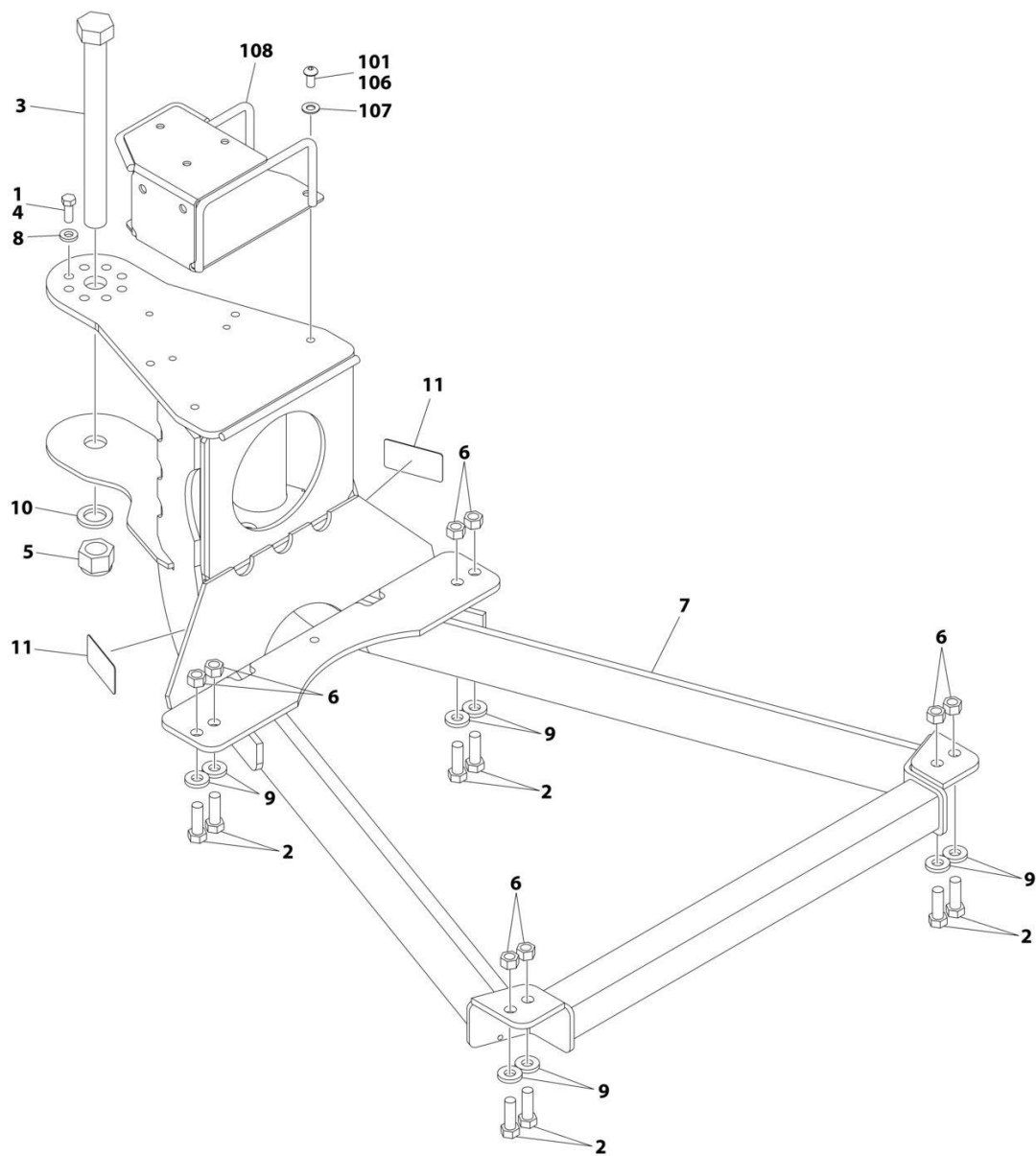
ART_0258567

FIGURE 4-14. TRANSPORT POSITION SWITCH INSTALLATION (CE SPECS)

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

SECTION 4 - BOOM

FIGURE 4-15. PLATFORM SUPPORT INSTALLATION - WITHOUT LSS



ART_0272070

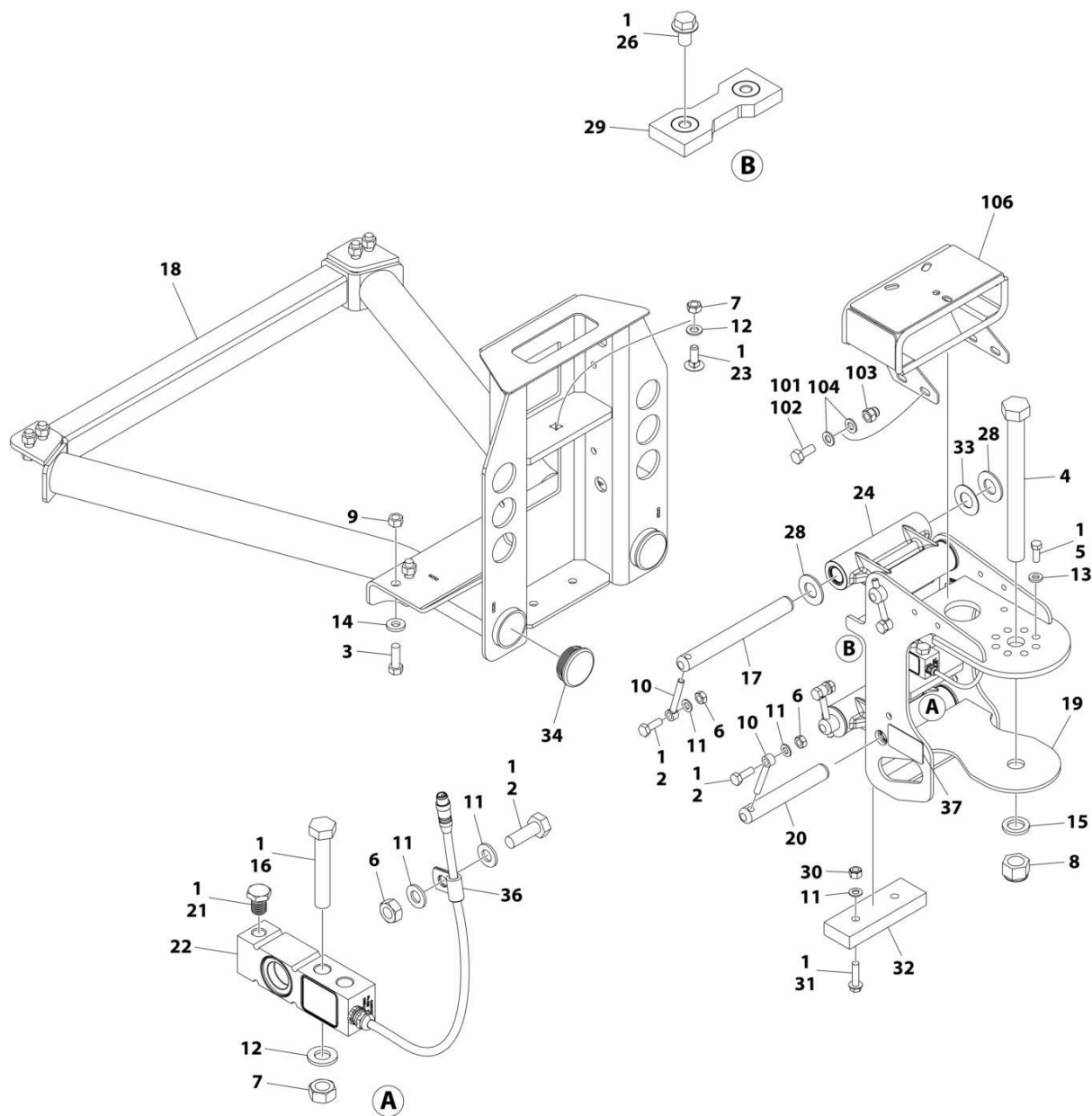
SECTION 4 - BOOM

FIGURE 4-15. PLATFORM SUPPORT INSTALLATION - WITHOUT LSS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272070	Ref	PLATFORM SUPPORT INSTALLATION	H
1	0100011	AR	Compound, Locking	
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 4-16. PLATFORM SUPPORT INSTALLATION - WITH LSS



ART_1001167596

SECTION 4 - BOOM

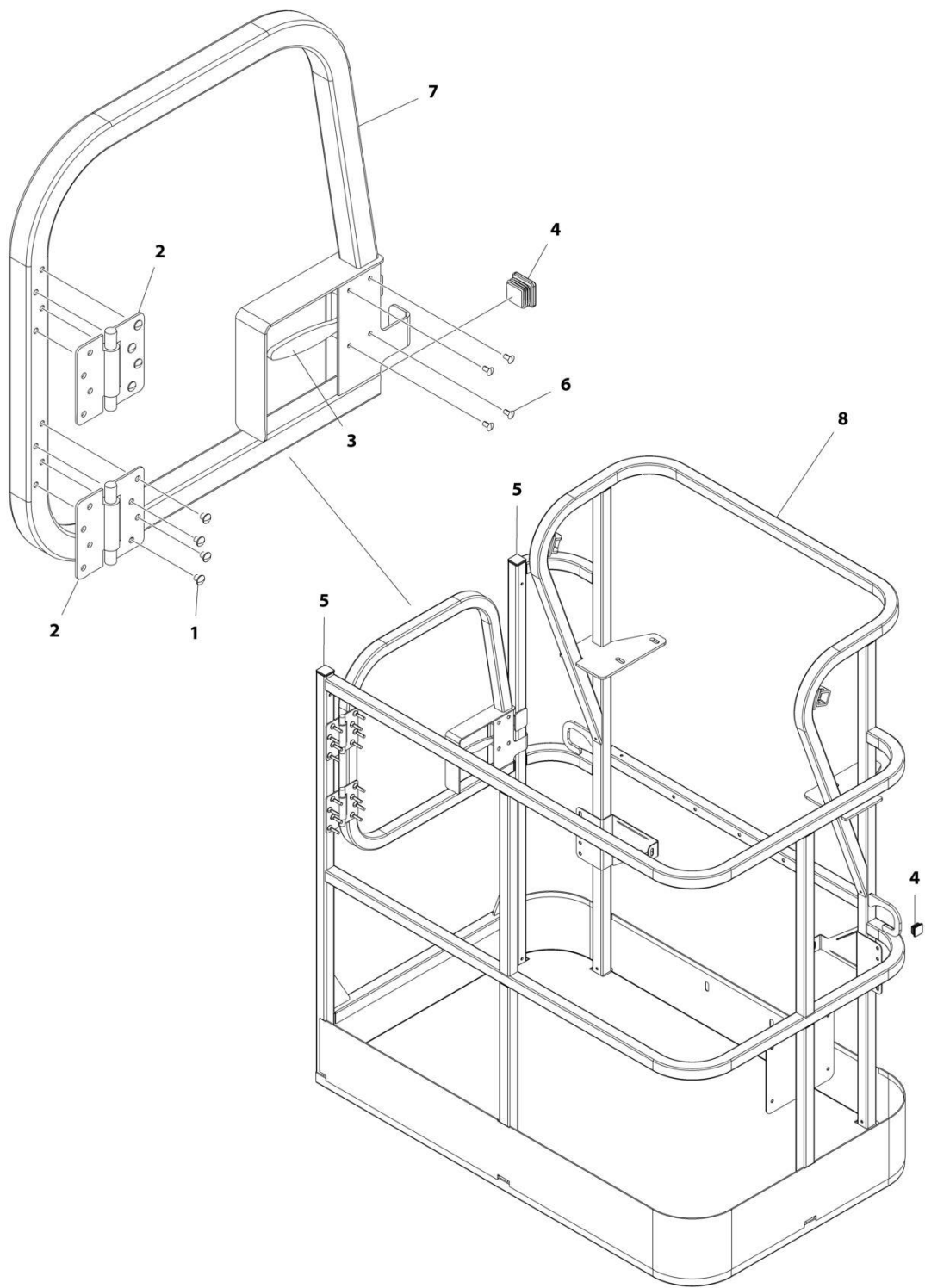
FIGURE 4-16. PLATFORM SUPPORT INSTALLATION - WITH LSS

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

SECTION 5 - PLATFORM

SECTION 5 - PLATFORM

FIGURE 5-1. PLATFORM ASSEMBLY - 30IN X 4FT (76CM X 1.22M) WITH SWING GATE



ART_1001186387

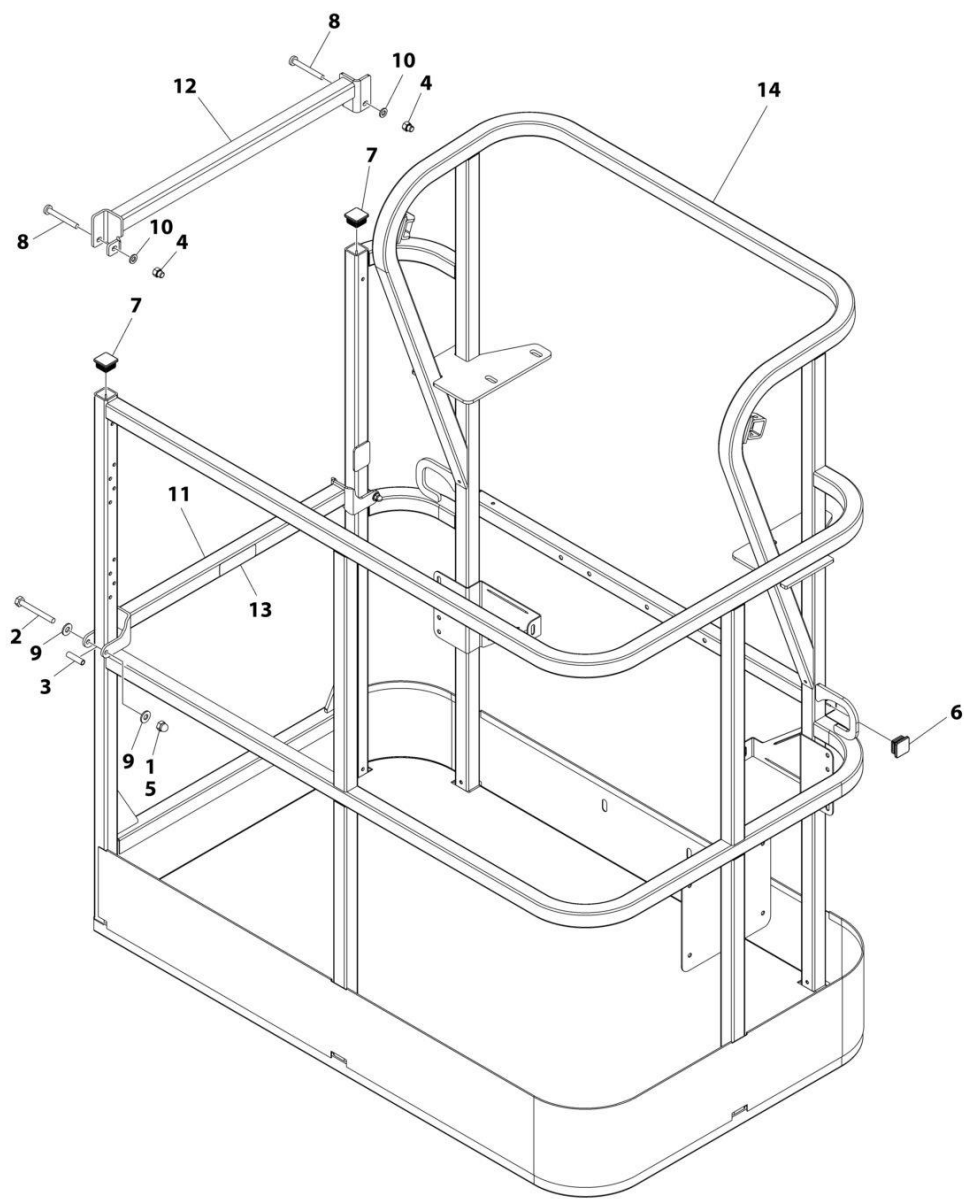
SECTION 5 - PLATFORM

FIGURE 5-1. PLATFORM ASSEMBLY - 30IN X 4FT (76CM X 1.22M) WITH SWING GATE

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

SECTION 5 - PLATFORM

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



ART_1001186375

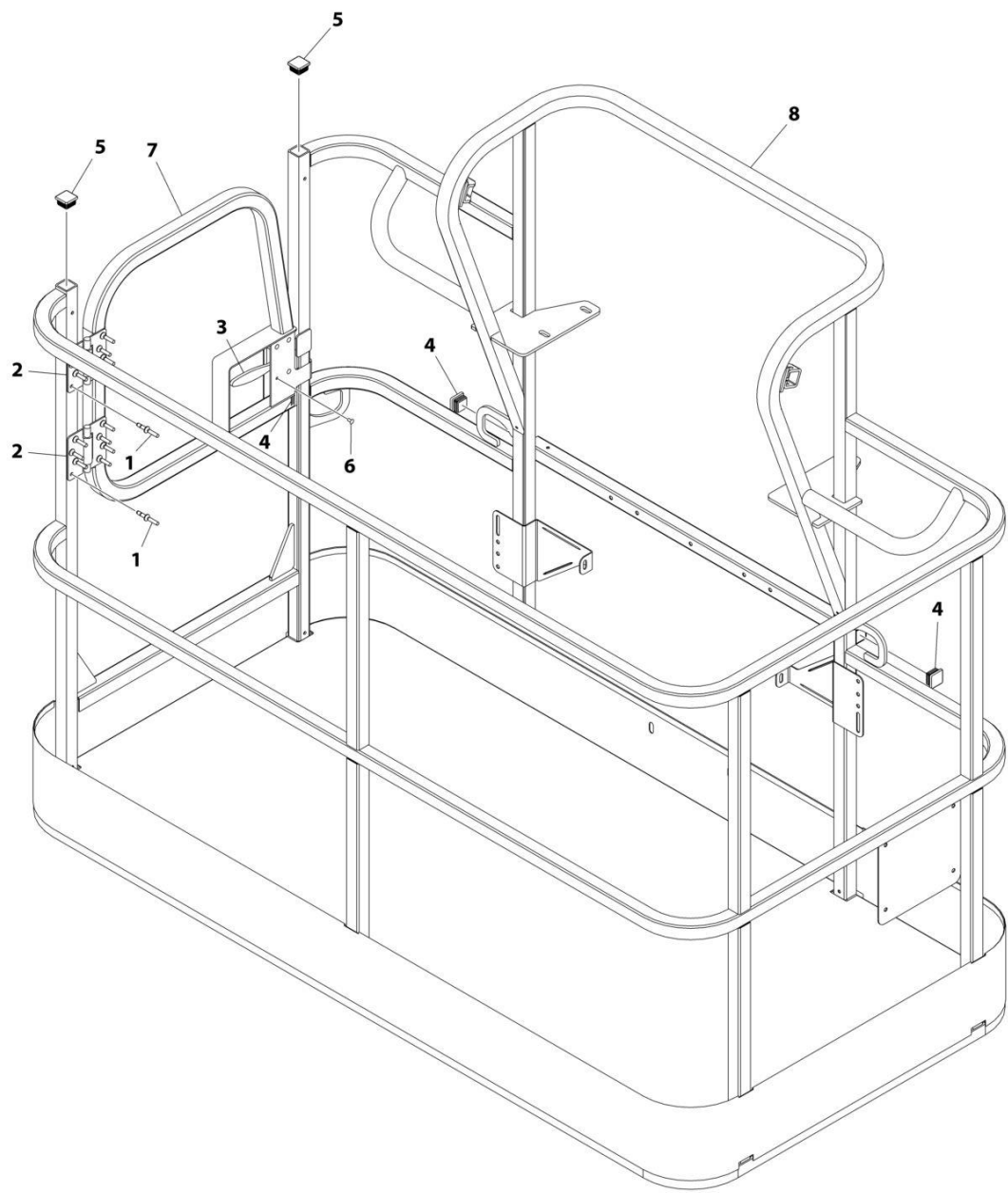
SECTION 5 - PLATFORM

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

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

SECTION 5 - PLATFORM

FIGURE 5-3. PLATFORM ASSEMBLY - 30IN X 6FT (76CM X 1.83M) WITH SWING GATE



ART_1001186385

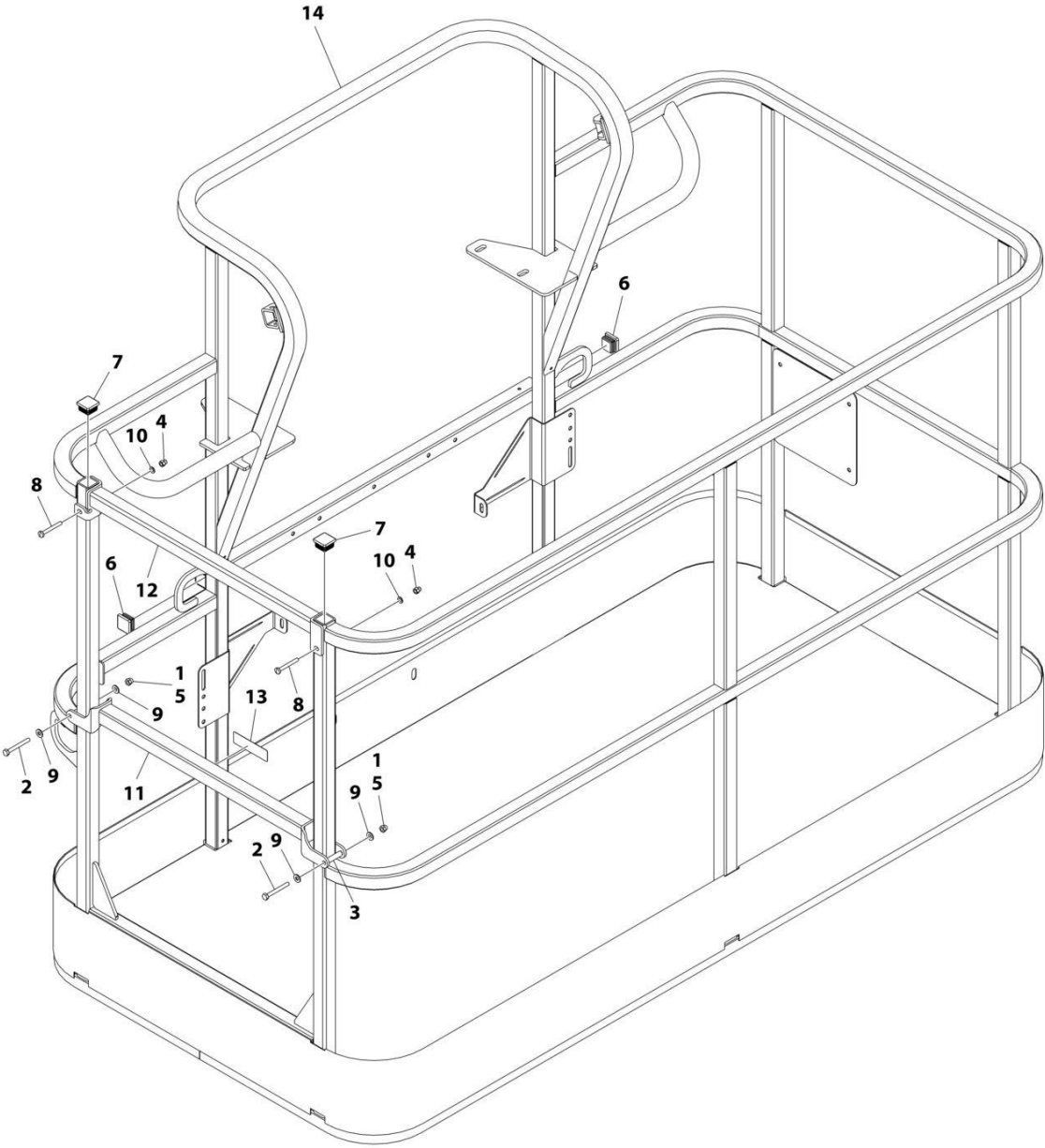
SECTION 5 - PLATFORM

FIGURE 5-3. PLATFORM ASSEMBLY - 30IN X 6FT (76CM X 1.83M) WITH SWING GATE

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

SECTION 5 - PLATFORM

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



ART_1001186378

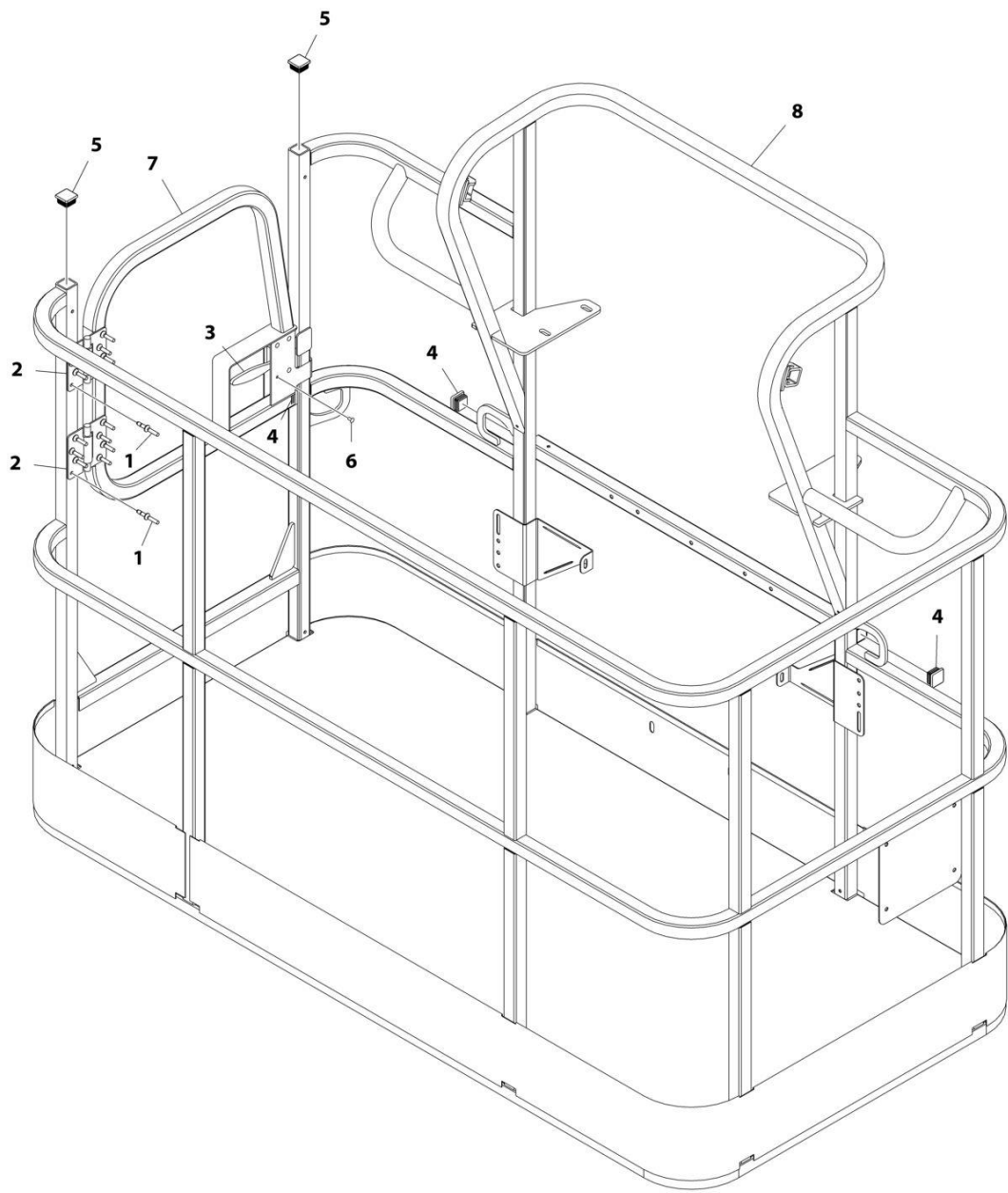
SECTION 5 - PLATFORM

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

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

SECTION 5 - PLATFORM

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



ART_1001186384

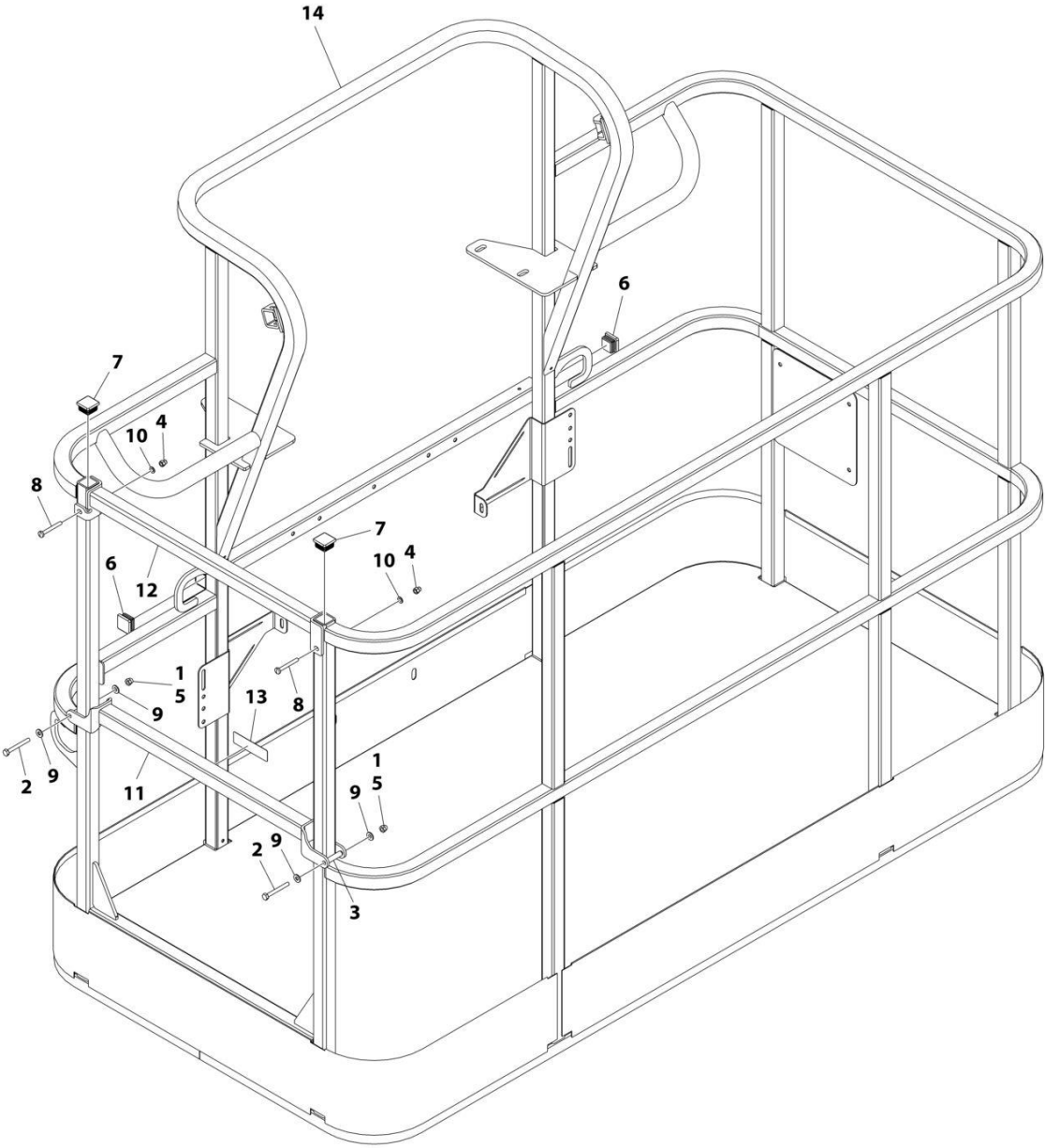
SECTION 5 - PLATFORM

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

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

SECTION 5 - PLATFORM

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



ART_1001186379

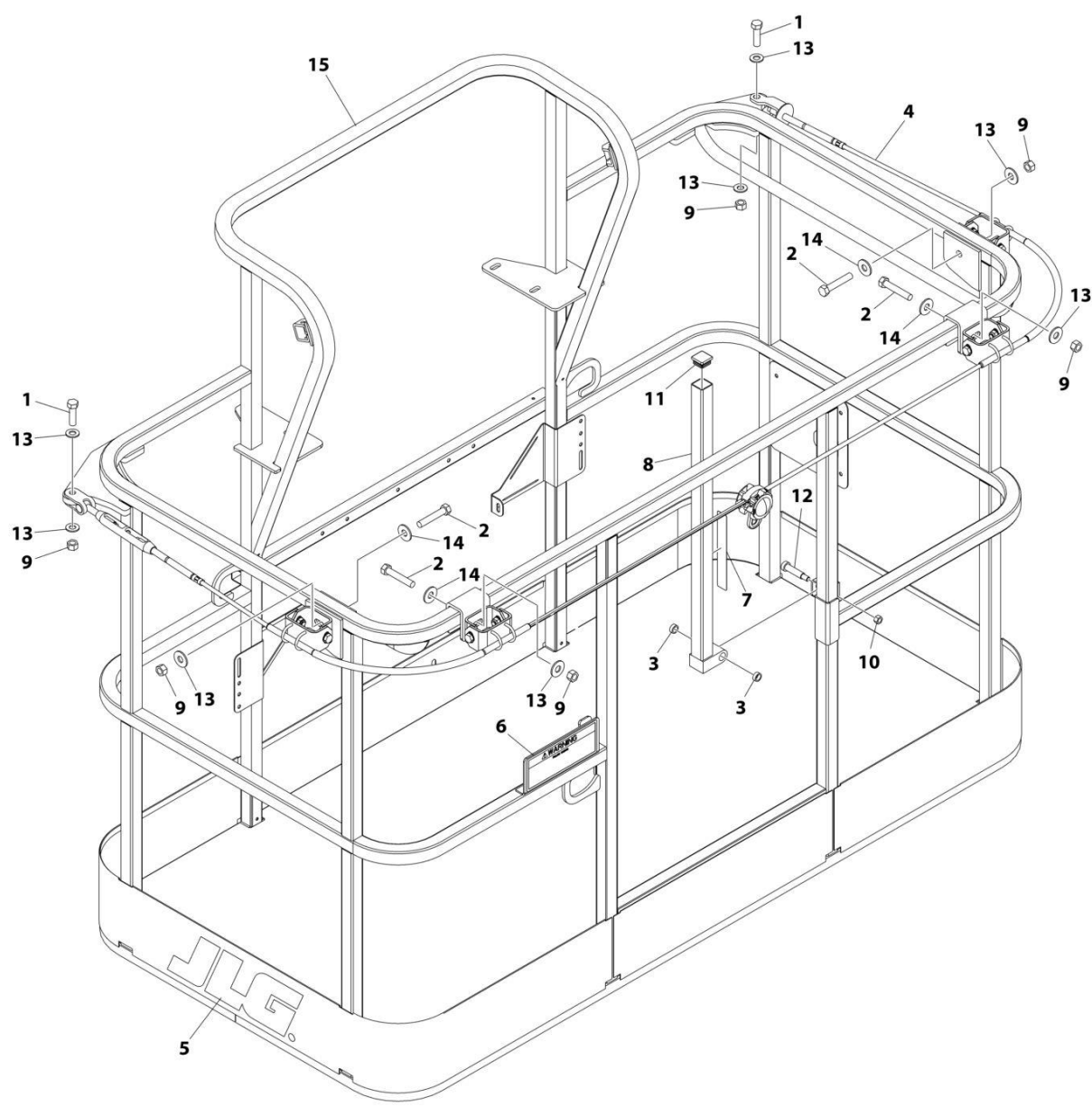
SECTION 5 - PLATFORM

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

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

SECTION 5 - PLATFORM

FIGURE 5-7. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH FALL ARREST (ANSI, ANSI EXPORT, CHINA & CSA SPECS)



ART_1001186333

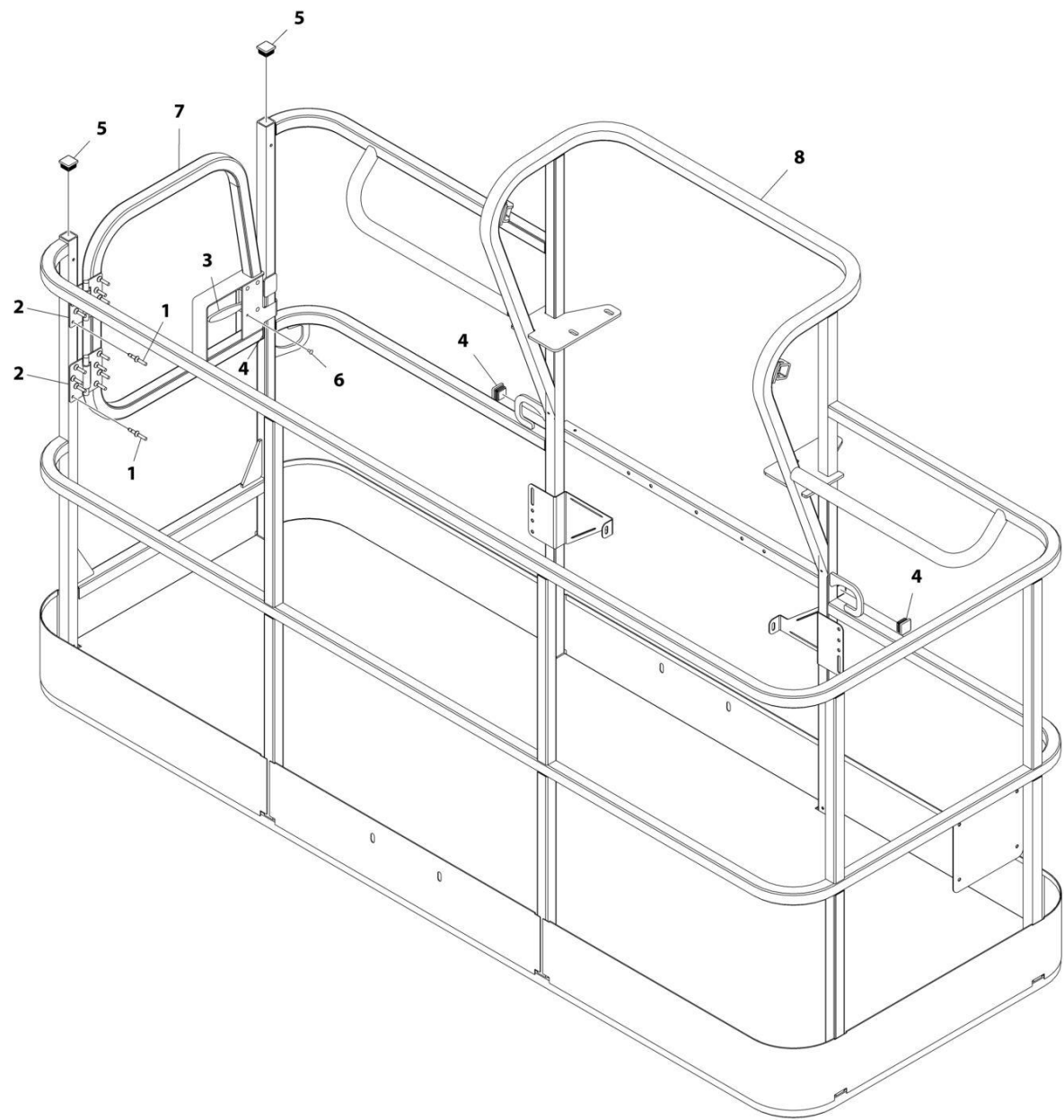
SECTION 5 - PLATFORM

FIGURE 5-7. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH FALL ARREST (ANSI, ANSI EXPORT, CHINA & CSA SPECS)

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

SECTION 5 - PLATFORM

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



ART_1001186383

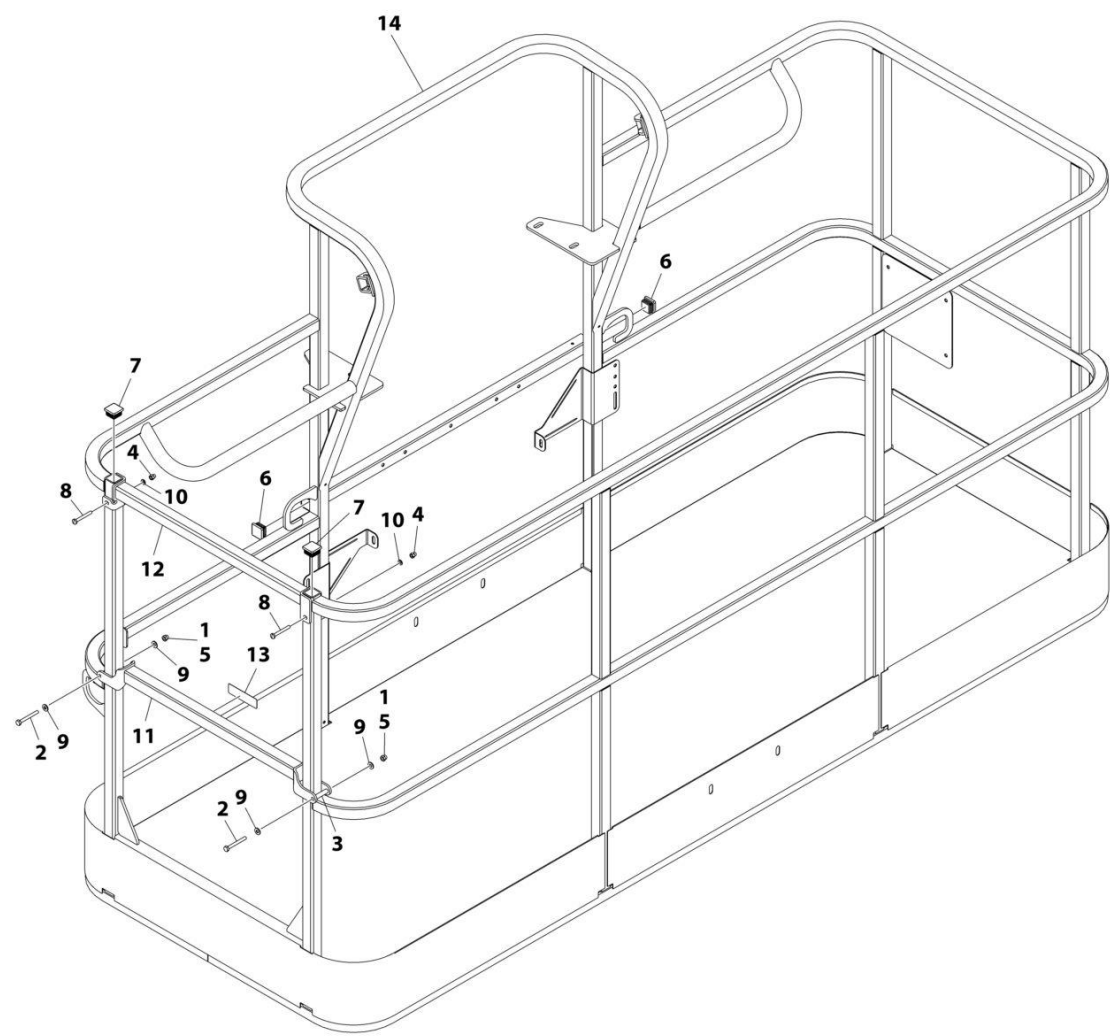
SECTION 5 - PLATFORM

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

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

SECTION 5 - PLATFORM

FIGURE 5-9. PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH DROP BAR



ART_1001186382

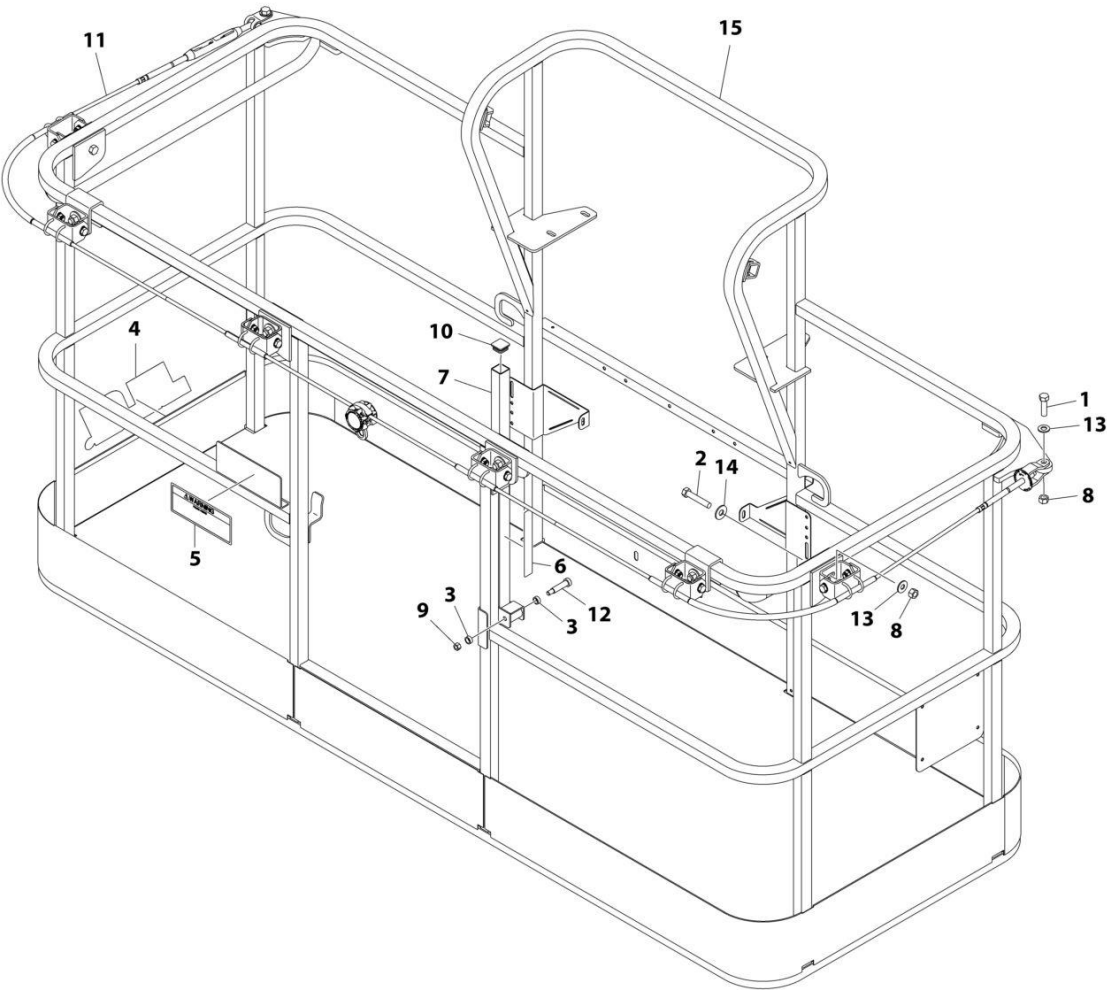
SECTION 5 - PLATFORM

FIGURE 5-9. PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH DROP BAR

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

SECTION 5 - PLATFORM

FIGURE 5-10. PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH FALL ARREST



ART_1001186334

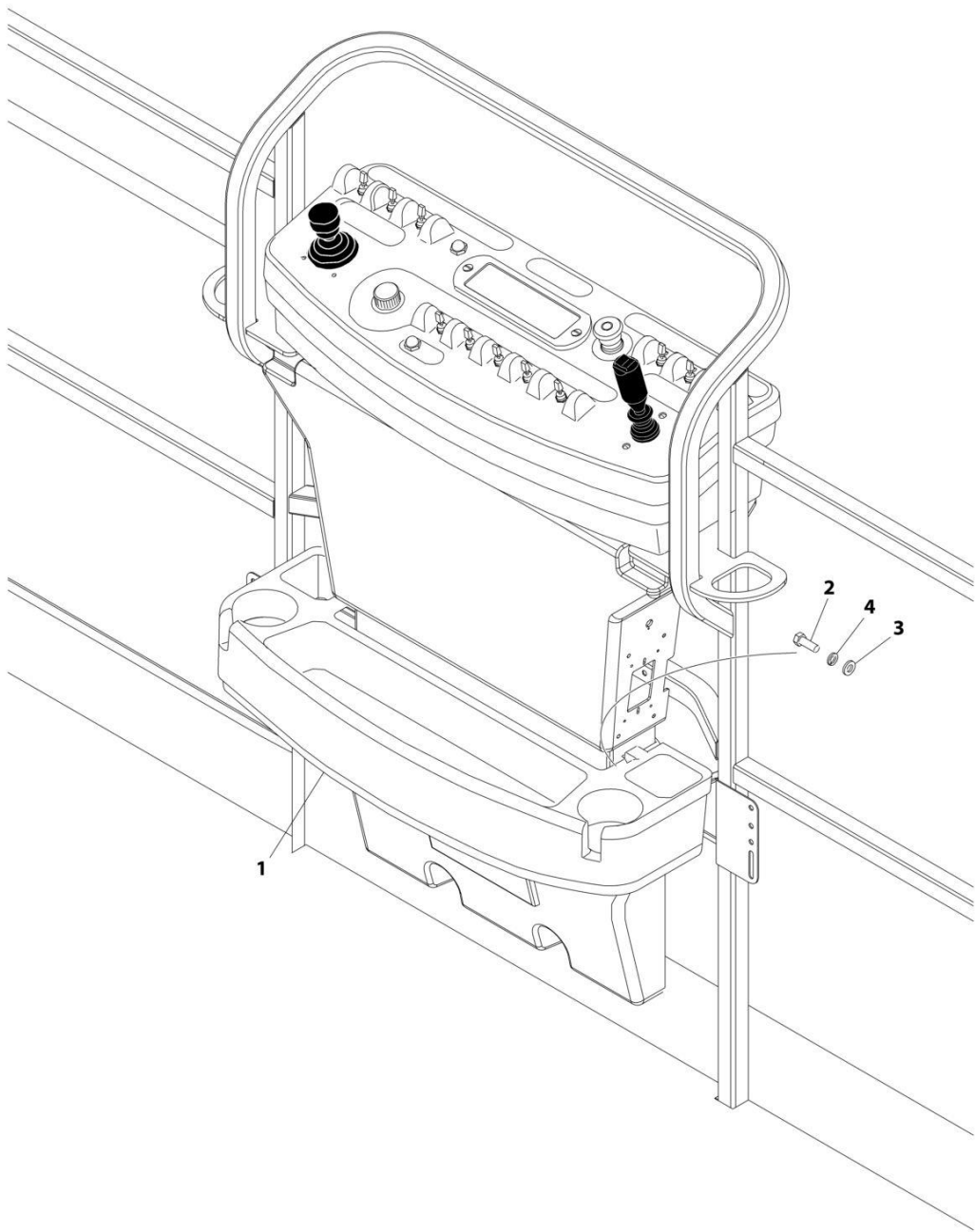
SECTION 5 - PLATFORM

FIGURE 5-10. PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH FALL ARREST

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

SECTION 5 - PLATFORM

FIGURE 5-11. TRAY ASSEMBLY



ART_1580012

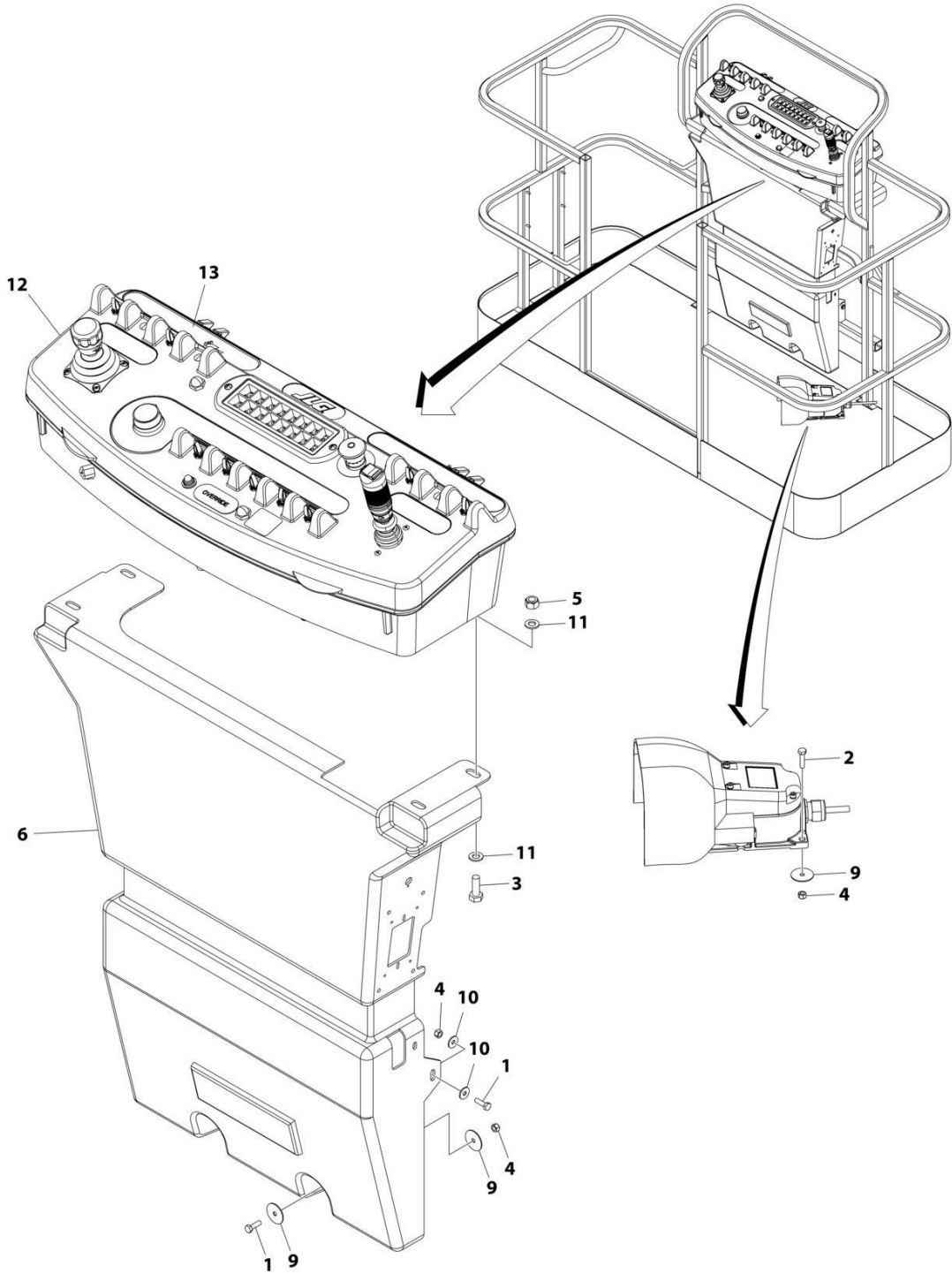
SECTION 5 - PLATFORM

FIGURE 5-11. TRAY ASSEMBLY

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

SECTION 5 - PLATFORM

FIGURE 5-12. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION (Prior to SN 0300259698)



ART_1001222706

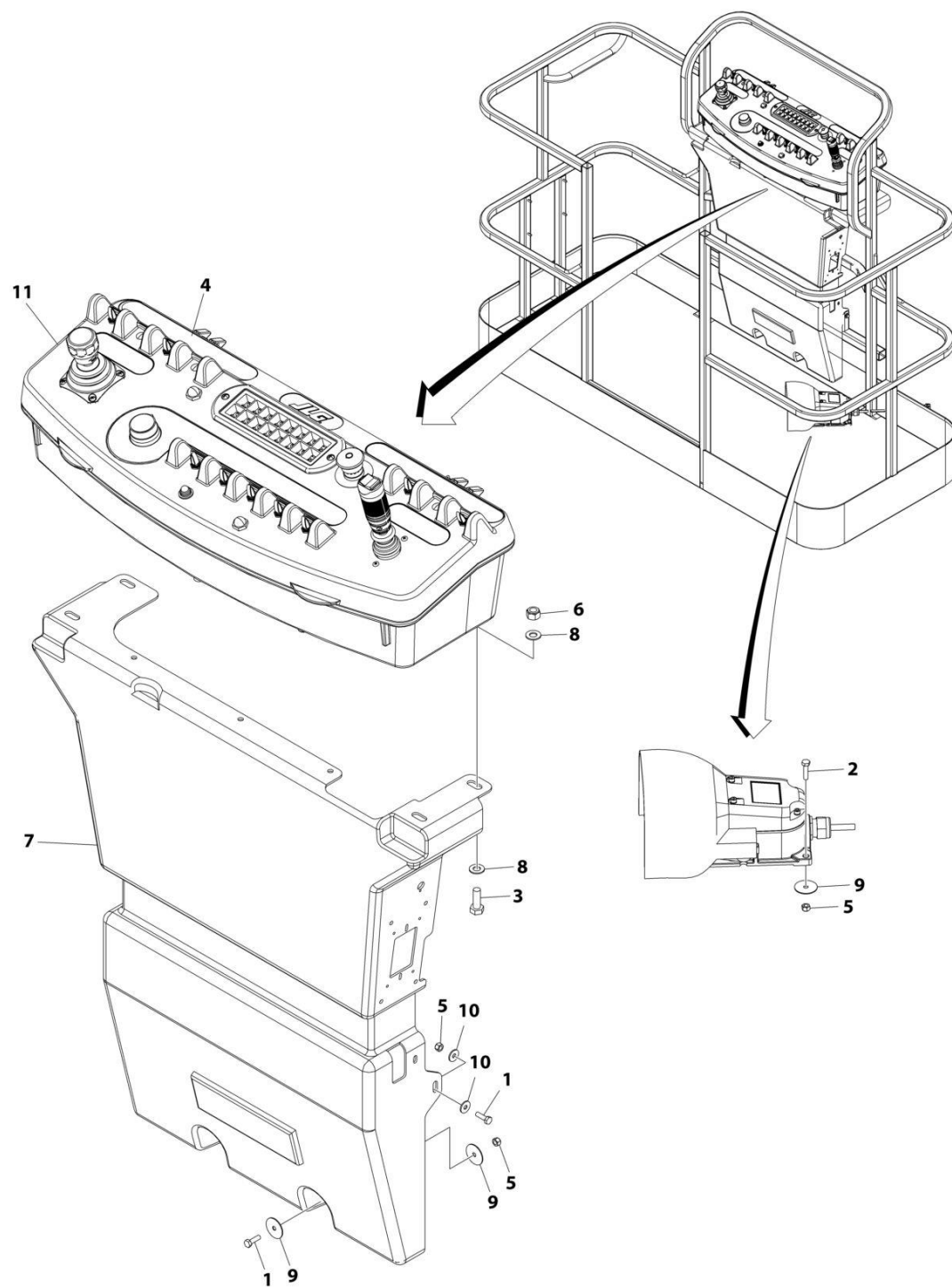
SECTION 5 - PLATFORM

FIGURE 5-12. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION (Prior to SN 0300259698)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222706	Ref	PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION	C
1	0641406	4	Bolt 1/4 x 3/4	
2	0641408	3	Bolt 1/4 x 1	
3	0641610	4	Bolt 3/8 x 1-1/4	
4	3311405	7	Nut 1/4	
5	3311605	4	Nut 3/8	
6	3380434	1	Panel	
9	4740362	7	Washer	
10	4751400	4	Washer 1/4	
11	4761600	8	Washer 3/8	
12	1001222707	1	Platform Console Assembly (See Separate Breakdown in this Section)	
13	1702676	1	Decal - Horn	

SECTION 5 - PLATFORM

FIGURE 5-13. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION (SN 0300259698 through 0300270863)



ART_1001244472

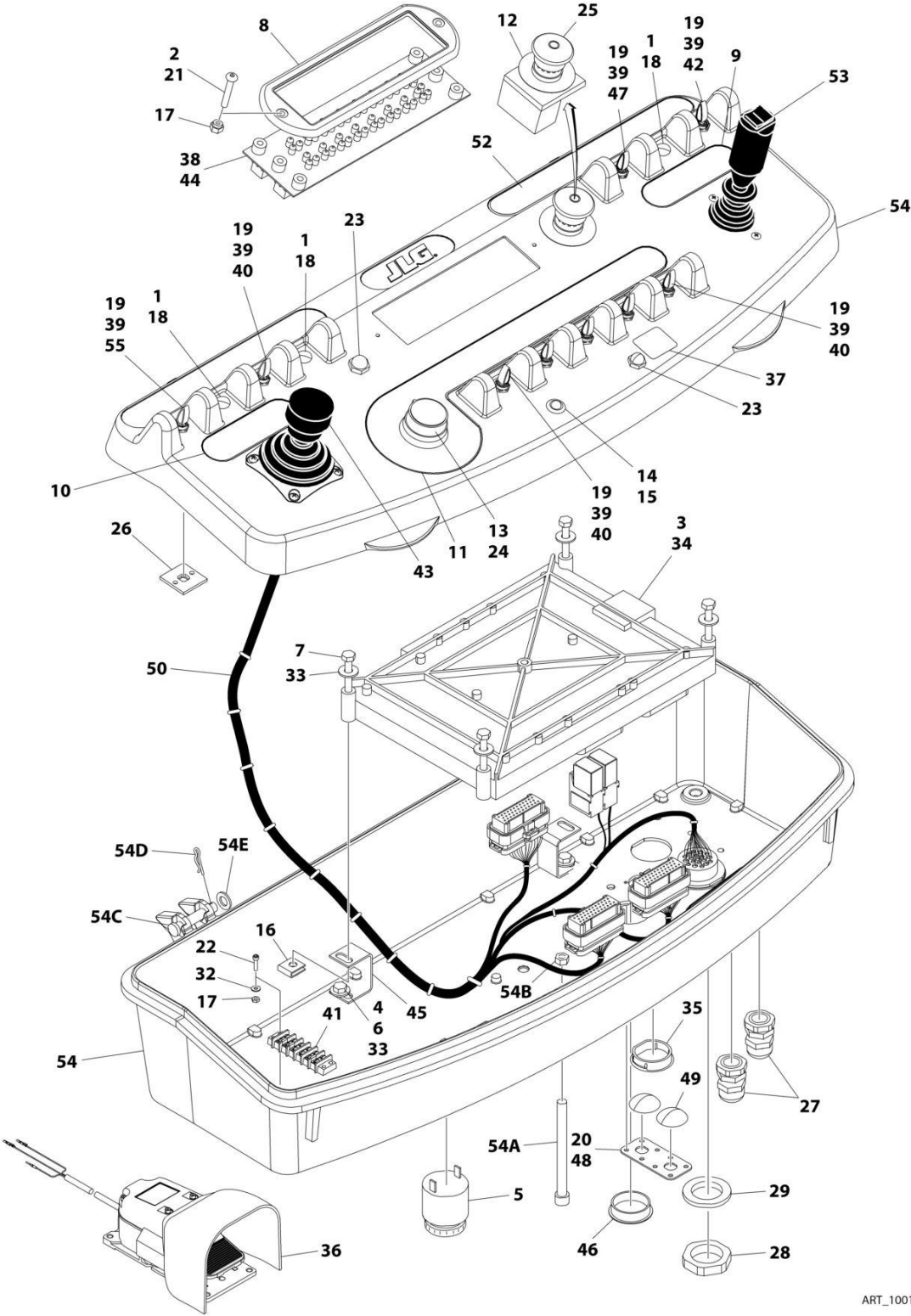
SECTION 5 - PLATFORM

FIGURE 5-13. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION (SN 0300259698 through 0300270863)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244472	Ref	PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION	A
1	0641406	4	Bolt 1/4 x 3/4	
2	0641408	3	Bolt 1/4 x 1	
3	0641610	4	Bolt 3/8 x 1-1/4	
4	1702676	1	Decal - Horn	
5	3311405	7	Nut 1/4	
6	3311605	4	Nut 3/8	
7	3380434	1	Panel	
8	4711600	8	Washer 3/8	
9	4740362	7	Washer	
10	4751400	4	Washer 1/4	
11	1001244473	1	Platform Console Assembly (See Separate Breakdown in this Section)	

SECTION 5 - PLATFORM

FIGURE 5-14. CONSOLE BOX ASSEMBLY (Prior to SN 0300259698)



ART_1001222707

SECTION 5 - PLATFORM

FIGURE 5-14. CONSOLE BOX ASSEMBLY (Prior to SN 0300259698)

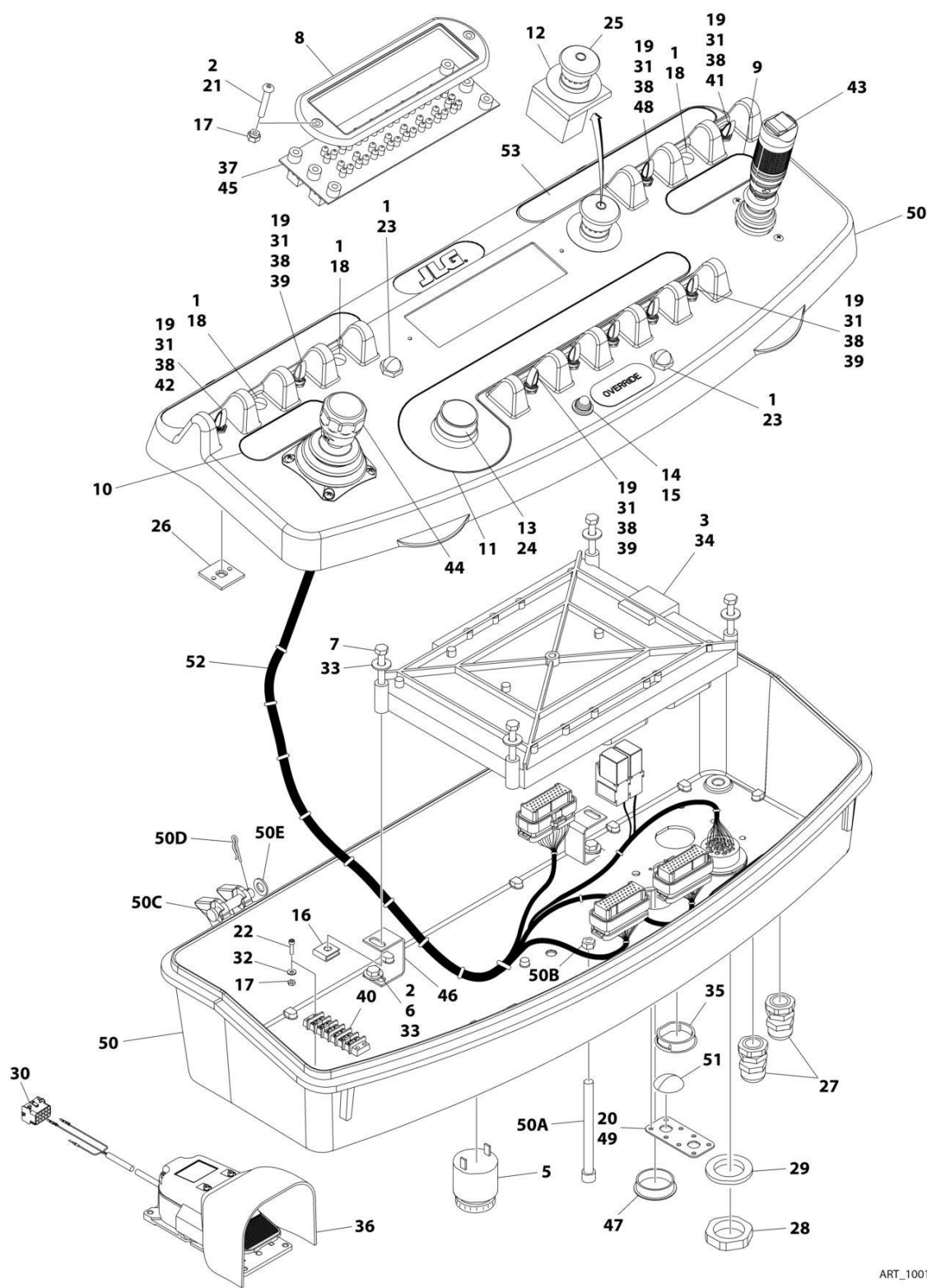
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222707	Ref	CONSOLE BOX ASSEMBLY	G
1	0100009	AR	Sealant	
2	0100035	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0100081	AR	Adhesive	
5	0140011	1	Alarm	
6	0641404	4	Bolt 1/4 x 1/2	
7	0641414	4	Bolt 1/4 x 1-3/4	
8	1670829	1	Bezel	
9	1702565	1	Decal - 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	3300353	4	Nut, Tinnerman	
17	3311005	4	Nut #10	
18	3520054	3	Plug	
19	3790012	9	O-Ring	
20	3900349	8	Capscrew M2.5 x 8	
21	3911018	2	Screw #10 x 1-1/8	
22	3931012	2	Capscrew #10 x 3/4	
22	3931016	2	Capscrew #10 x 1	
23	4360387	2	Switch, Push Button	
24	4360407	1	Controller, Speed	
24	4460224	1	Receptacle, Female - 6 Position	
24	4460226	6	Socket, Female	
24	See Note	1	Gasket "Top Hat" (Included with Switch) (Note: Not Available - Purchase Complete Controller)	
24	70003784	1	Seal	
25	4360475	1	Switch, Emergency Stop	
25	7020175	1	Cap, Red	
25	7020176	1	Block, Contact	
26	4460234	3	Mount, Tie-Strap	
27	4460428	2	Connector, Strain Relief	
28	4460470	1	Nut, Terminal	
29	4460471	1	Washer, Terminal	
30	4460708	1	Connector - 15 Position (Not Shown)	
32	4751000	2	Washer #10	
33	4751400	8	Washer 1/4	
34	1001106938	1	Module, Platform (Note: Re-calibration Required when Replaced)	
35	1001110434	1	Plug	
36	1001117174	1	Footswitch Assembly (See Separate Breakdown in this Section)	
37	1001144433	1	Decal - No Weight SkyGuard	
38	1001146220	1	Fixture, Light	
39	1001155044	9	Nut 15/32	
40	1001155045	6	Switch, Toggle	
41	1001157292	1	Bussbar	
42	1001159256	1	Switch, Toggle	

SECTION 5 - PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
43	1001166539	NLA	Controller Assembly (Lift and Swing) (Use p/n 10012129555) (See Separate Breakdown in this Section)	
44	1001170838	1	Gauge, LED	
45	1001172760	4	Bracket	
46	1001185281	1	Plug	
47	1001211363	1	Switch, Toggle	
48	1001213882	1	Mount	
49	1001220486	1	Plug	
50	1001222042	1	Platform Console Harness (See Separate Breakdown in ELECTRICAL SECTION)	
52	1001222709	1	Decal - Stop	
53	1001166538	NLA	Controller Assembly (Drive and Steer) (Use p/n 1001212415) (See Separate Breakdown in this Section)	
54	1001215228	1	Console Box Assembly	
54A	0630568	1	Capscrew 3/8 x 4-1/2	
54B	3311601	1	Nut 3/8	
54C	3430616	2	Pin	
54D	3470003	2	Hairpin	
54E	4711600	2	Washer 3/8	
55	1001161709	1	Switch, Toggle	

SECTION 5 - PLATFORM

FIGURE 5-15. CONSOLE BOX ASSEMBLY (SN 0300259698 through 0300270863)



ART_1001244473

SECTION 5 - PLATFORM

FIGURE 5-15. CONSOLE BOX ASSEMBLY (SN 0300259698 through 0300270863)

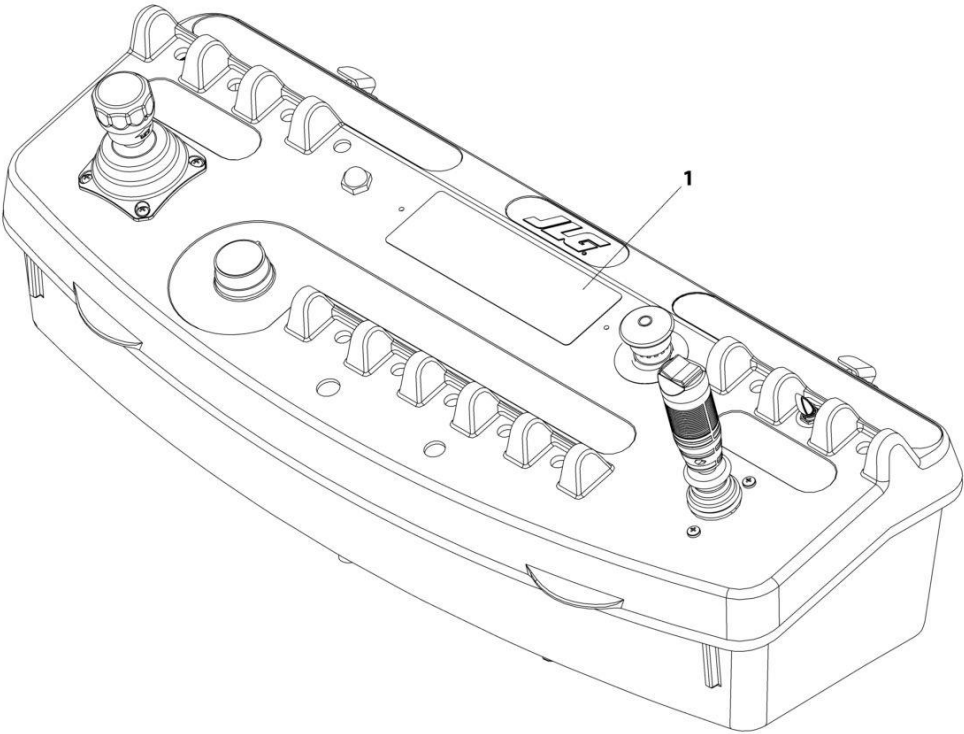
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244473	Ref	CONSOLE BOX ASSEMBLY	A
1	0100009	AR	Sealant	
2	0100035	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
5	0140011	1	Alarm	
6	0641404	4	Bolt 1/4 x 1/2	
7	0641414	4	Bolt 1/4 x 1-3/4	
8	1670829	1	Bezel	
9	1702565	1	Decal - Drive and Steer	
10	1702566	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	3300353	4	Nut, Tinnerman	
17	3311005	4	Nut #10	
18	3520054	3	Plug	
19	3790012	9	O-Ring	
20	3900349	8	Capscrew M2.5 x 8	
21	3911018	2	Screw #10 x 1-1/8	
22	3931016	2	Capscrew #10 x 1	
23	4360387	2	Switch, Push Button	
24	4360407	1	Controller, Speed	
24	4460224	1	Receptacle, Female - 6 Position	
24	4460226	6	Socket, Female	
24	See Note	1	Gasket "Top Hat" (Included with Switch) (Note: Not Available - Purchase Complete Controller)	
24	70003784	1	Seal	
25	4360475	1	Switch, Emergency Stop	
25	7020175	1	Cap, Red	
25	7020176	1	Block, Contact	
26	4460234	3	Mount, Tie-Strap	
27	4460428	2	Connector, Strain Relief	
28	4460470	1	Nut, Terminal	
29	4460471	1	Washer, Terminal	
30	4460708	1	Connector - 15 Position (Not Shown)	
31	4740397	9	Spacer	
32	4751000	2	Washer #10	
33	4751400	8	Washer 1/4	
34	1001106938	1	Module, Platform (Note: Re-calibration Required when Replaced)	
35	1001110434	1	Plug	
36	1001117174	1	Footswitch Assembly (See Separate Breakdown in this Section)	
37	1001146220	1	Fixture, Light	
38	1001155044	9	Nut 15/32	
39	1001155045	6	Switch, Toggle	
40	1001157292	1	Bussbar	
41	1001159256	1	Switch, Toggle	
42	1001161709	1	Switch, Toggle	
43	1001166538	NLA	Control Drive/Steer	

SECTION 5 - PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
44	1001166539	1	Control Lift/Swing	
45	1001170838	1	Gauge, LED	
46	1001172760	4	Bracket	
47	1001185281	1	Plug	
48	1001211363	1	Switch, Toggle	
49	1001213882	1	Mount	
50	1001215228	1	Console Box Assembly	
50A	0630568	1	Capscrew 3/8 x 4-1/2	
50B	3311601	1	Nut 3/8	
50C	3430616	2	Pin	
50D	3470003	2	Hairpin	
50E	4711600	2	Washer 3/8	
51	1001220486	1	Plug	
52	1001222042	1	Platform Console Harness (See Separate Breakdown in ELECTRICAL SECTION)	
53	1001222709	1	Decal - Stop	

SECTION 5 - PLATFORM

FIGURE 5-16. LIGHT PANEL INSTALLATION



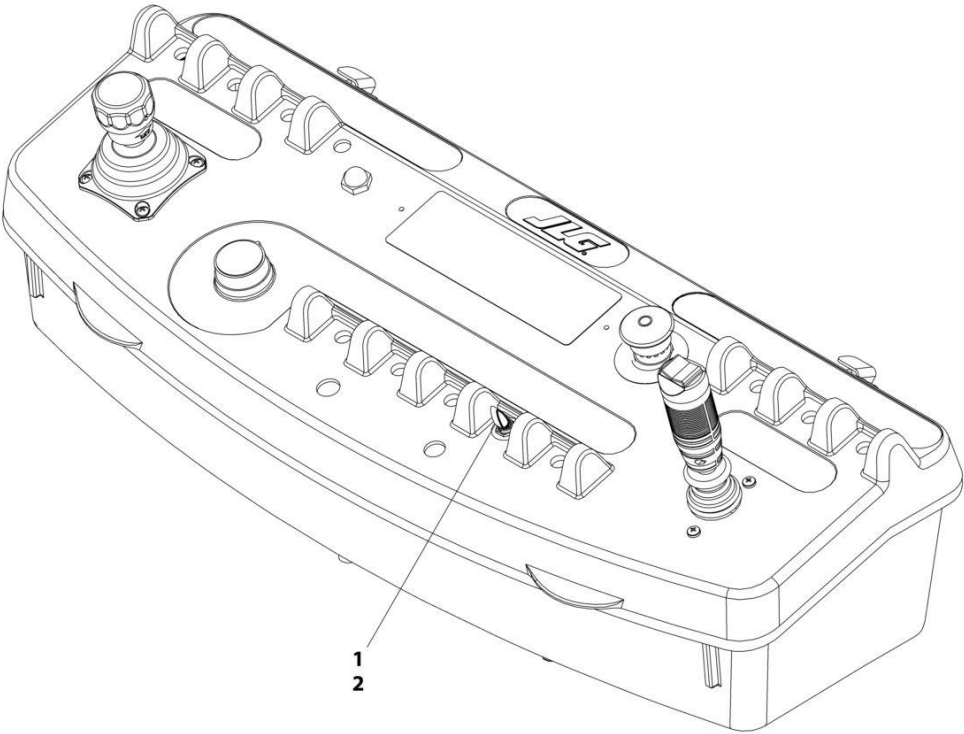
ART_1001222710

FIGURE 5-16. LIGHT PANEL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001222710	Ref	LIGHT PANEL INSTALLATION	A
	1001222713	1	Decal - Display	

SECTION 5 - PLATFORM

FIGURE 5-17. JIB SWITCH INSTALLATION



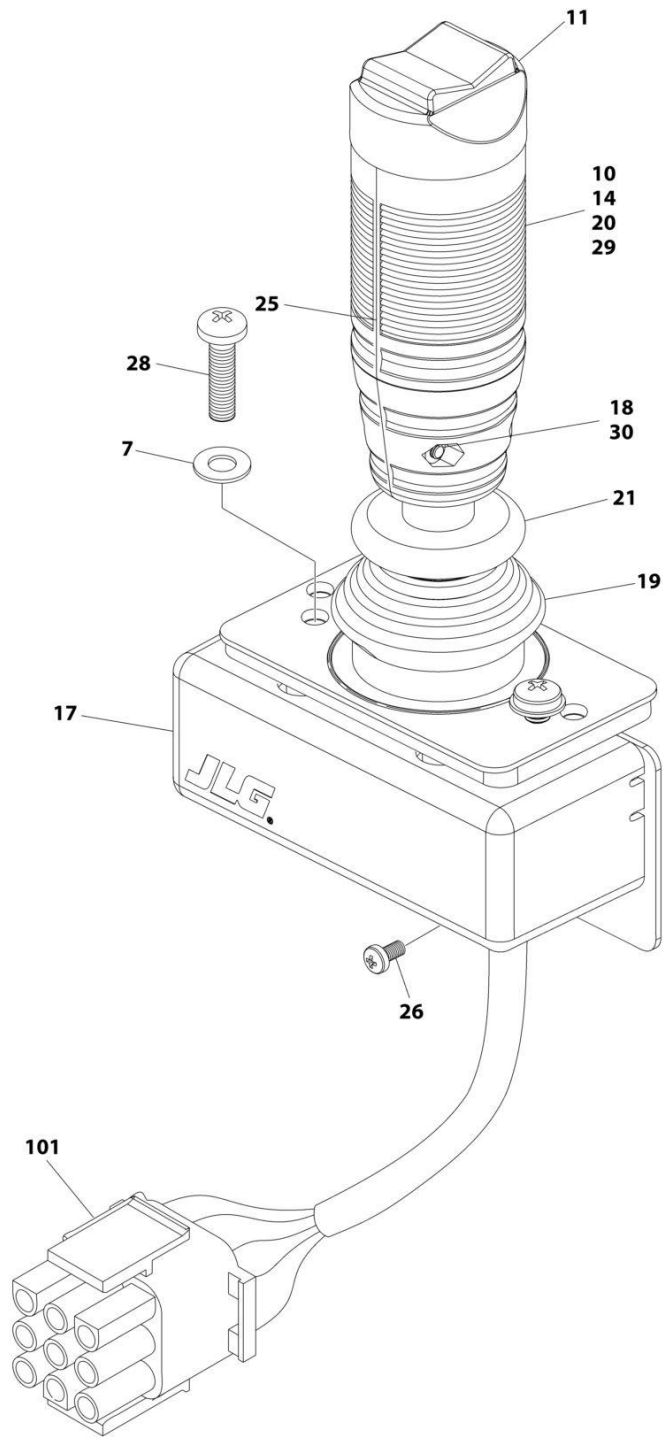
ART_0271340

FIGURE 5-17. JIB SWITCH INSTALLATION

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

SECTION 5 - PLATFORM

FIGURE 5-18. CONTROLLER ASSEMBLY (DRIVE AND STEER)



ART_1001166538

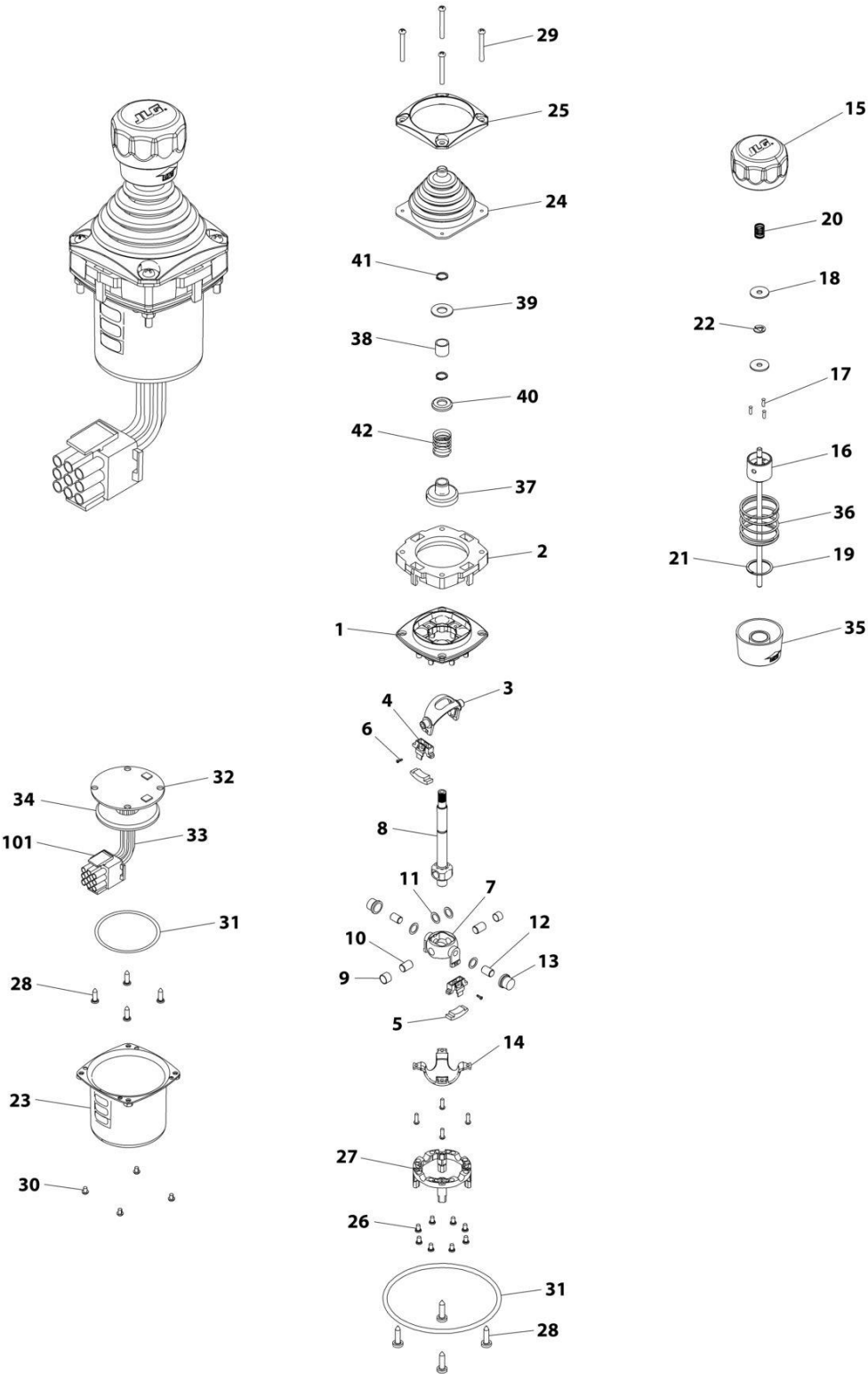
SECTION 5 - PLATFORM

FIGURE 5-18. CONTROLLER ASSEMBLY (DRIVE AND STEER)

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

SECTION 5 - PLATFORM

FIGURE 5-19. CONTROLLER ASSEMBLY (LIFT AND SWING)



ART_1001166539

SECTION 5 - PLATFORM

FIGURE 5-19. CONTROLLER ASSEMBLY (LIFT AND SWING)

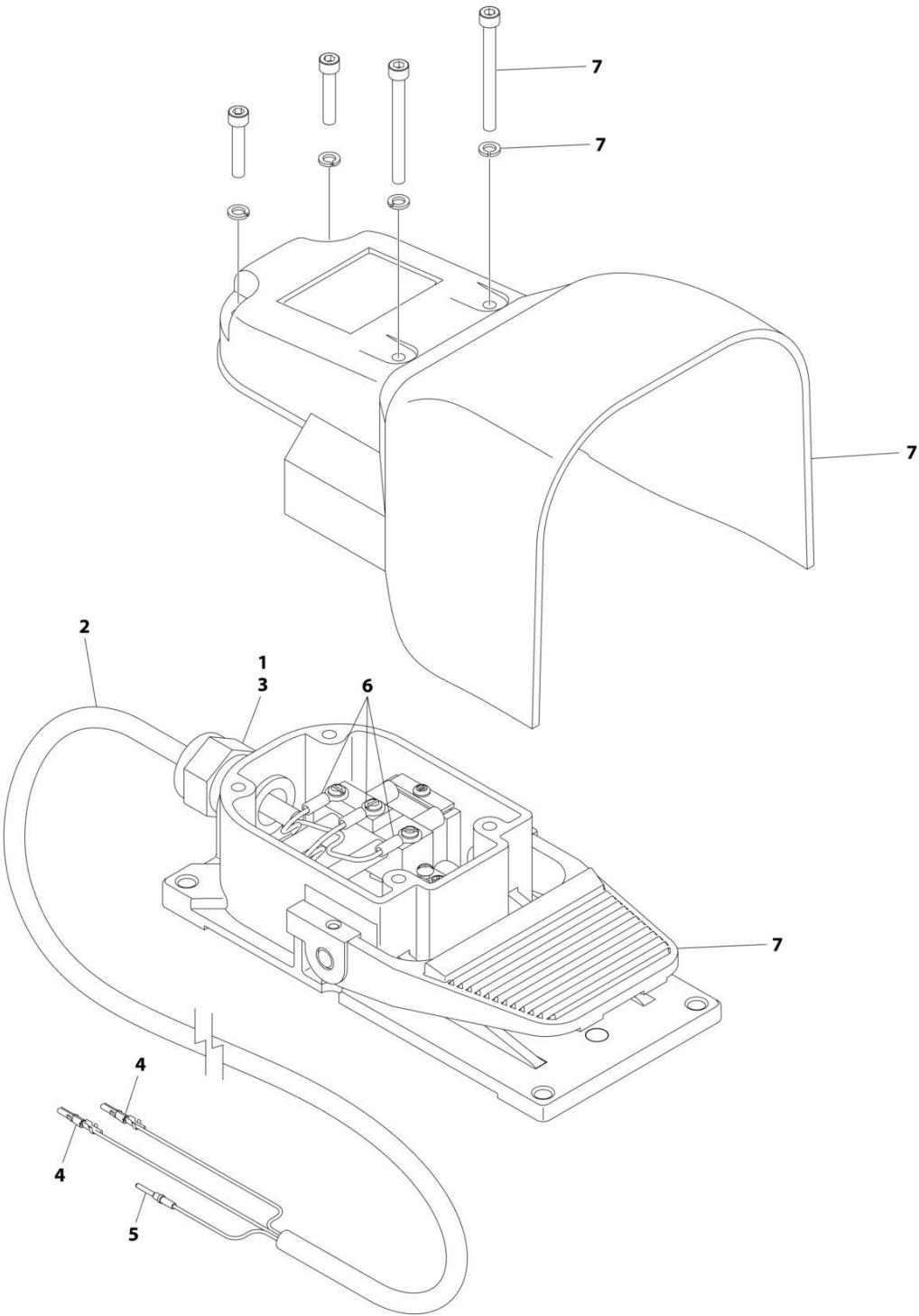
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166539	Ref	CONTROLLER ASSEMBLY	E
		Ref	Note: Original Equipment Controller May Have Been Replaced with Service Replacement Controller. Visually Identify Controller Before Ordering Parts.	
		Ref	Note: For Replacement, Use p/n 1001129555	
1	See Note	NSS	Main Cast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

SECTION 5 - PLATFORM

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

SECTION 5 - PLATFORM

FIGURE 5-20. FOOTSWITCH ASSEMBLY



ART_1001117174

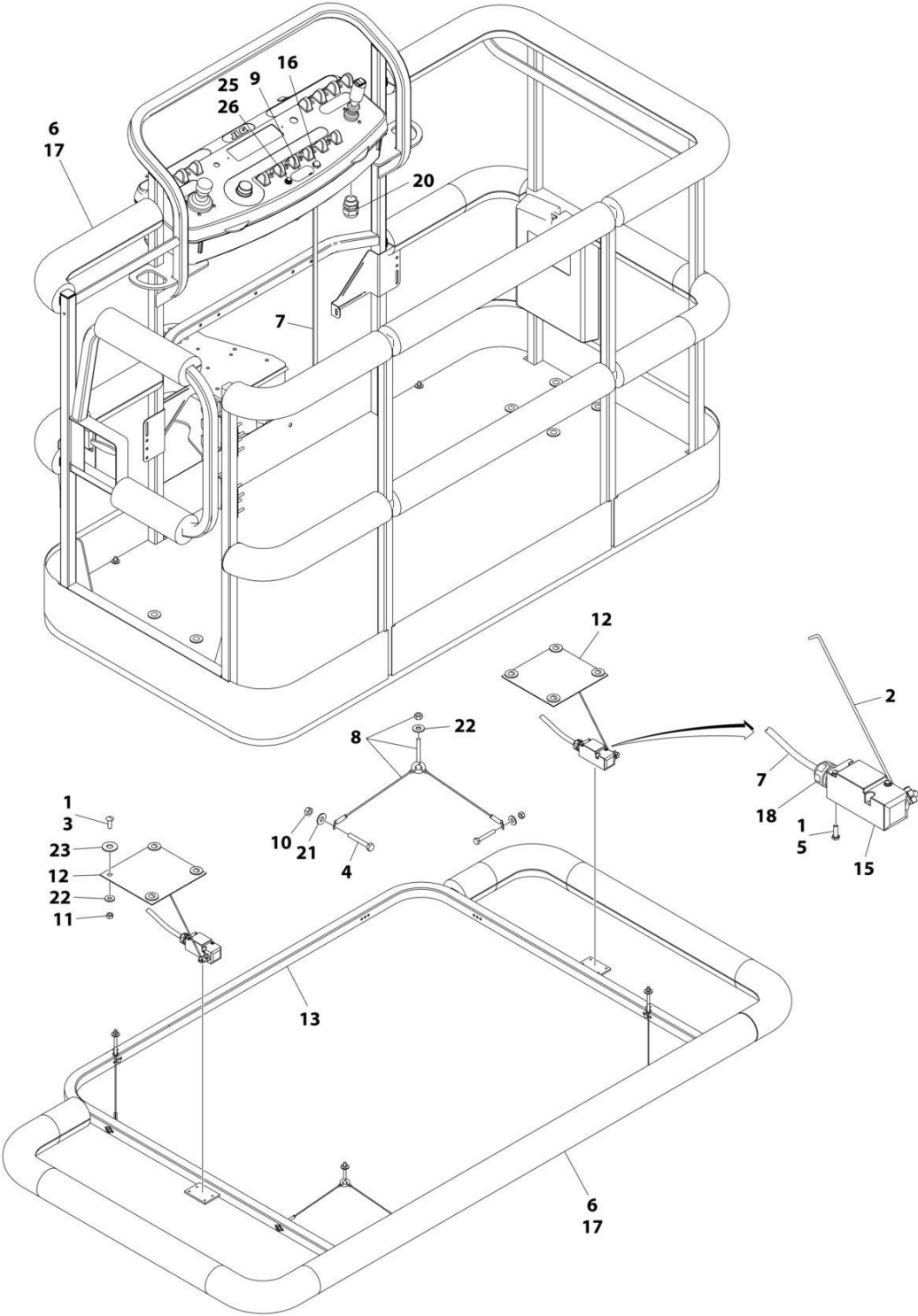
SECTION 5 - PLATFORM

FIGURE 5-20. FOOTSWITCH ASSEMBLY

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

SECTION 5 - PLATFORM

FIGURE 5-21. SOFT TOUCH INSTALLATION - 6FT (1.83M) PLATFORM (OPTIONAL)



ART_0273824

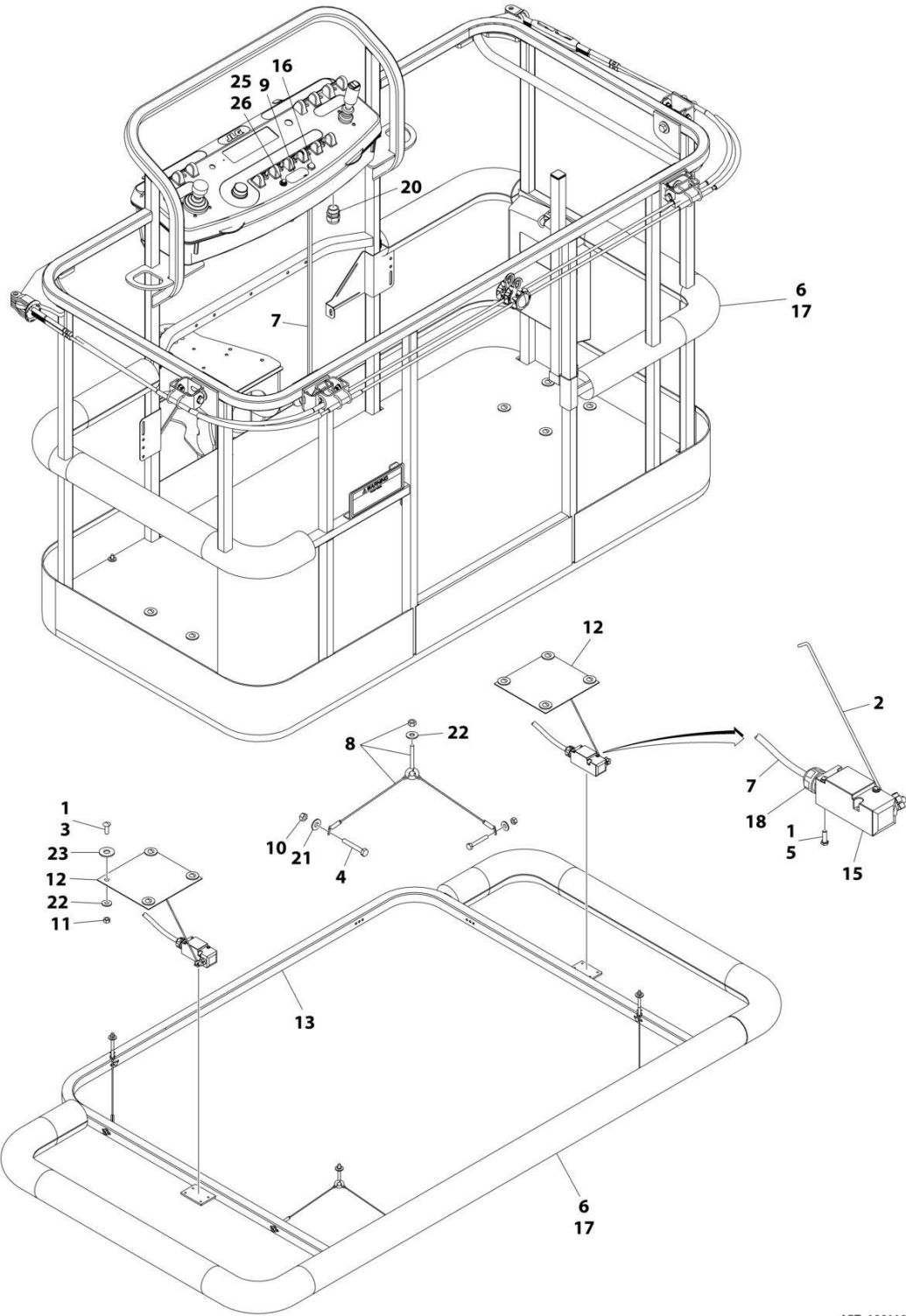
SECTION 5 - PLATFORM

FIGURE 5-21. SOFT TOUCH INSTALLATION - 6FT (1.83M) PLATFORM (OPTIONAL)

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

SECTION 5 - PLATFORM

FIGURE 5-22. SOFT TOUCH INSTALLATION - 6FT (1.83M) FALL ARREST PLATFORM (OPTIONAL)



ART_1001108256

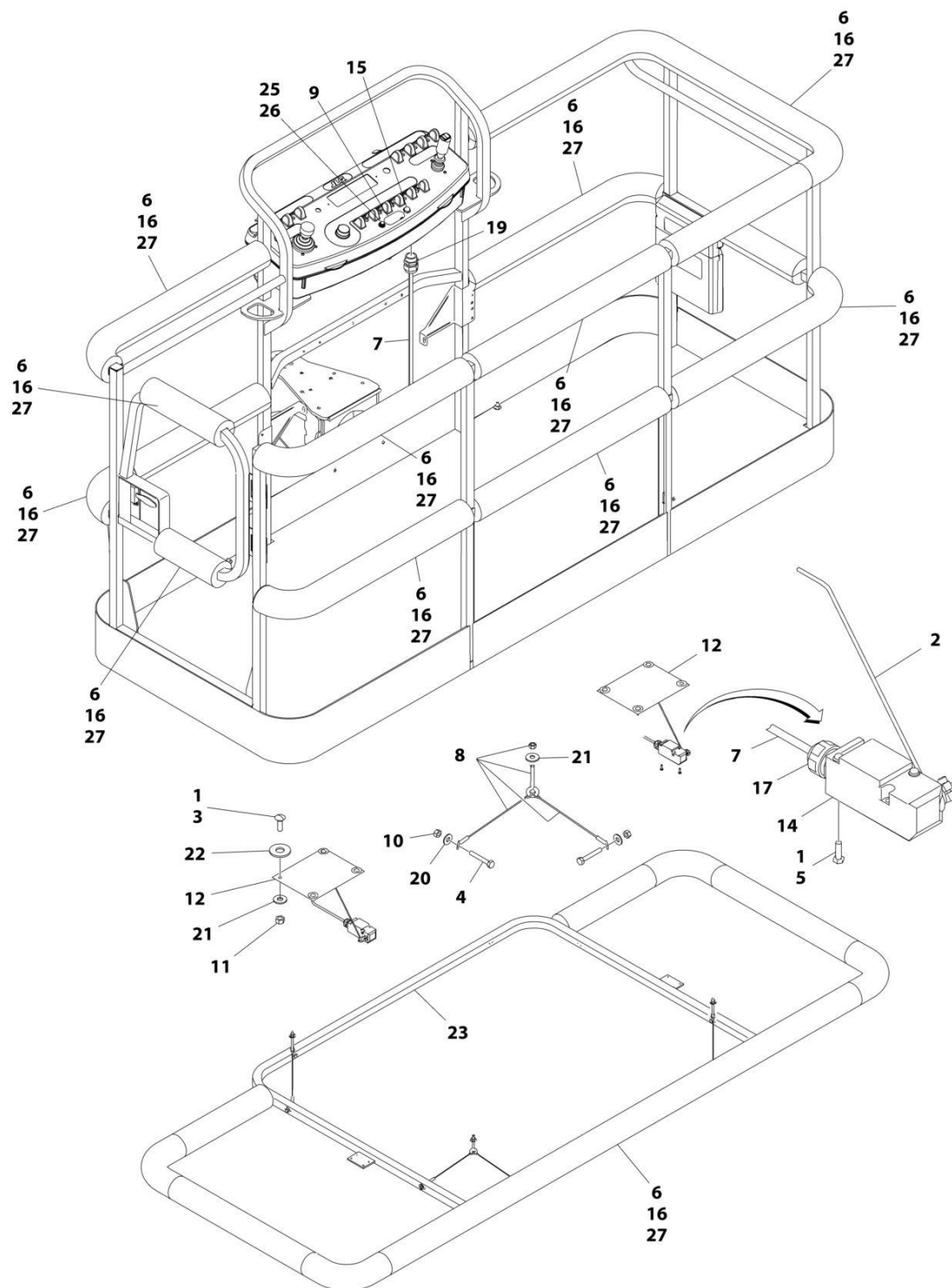
SECTION 5 - PLATFORM

FIGURE 5-22. SOFT TOUCH INSTALLATION - 6FT (1.83M) FALL ARREST PLATFORM (OPTIONAL)

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

SECTION 5 - PLATFORM

FIGURE 5-23. SOFT TOUCH INSTALLATION - 8FT (2.4M) PLATFORM (OPTIONAL)



ART_0272427

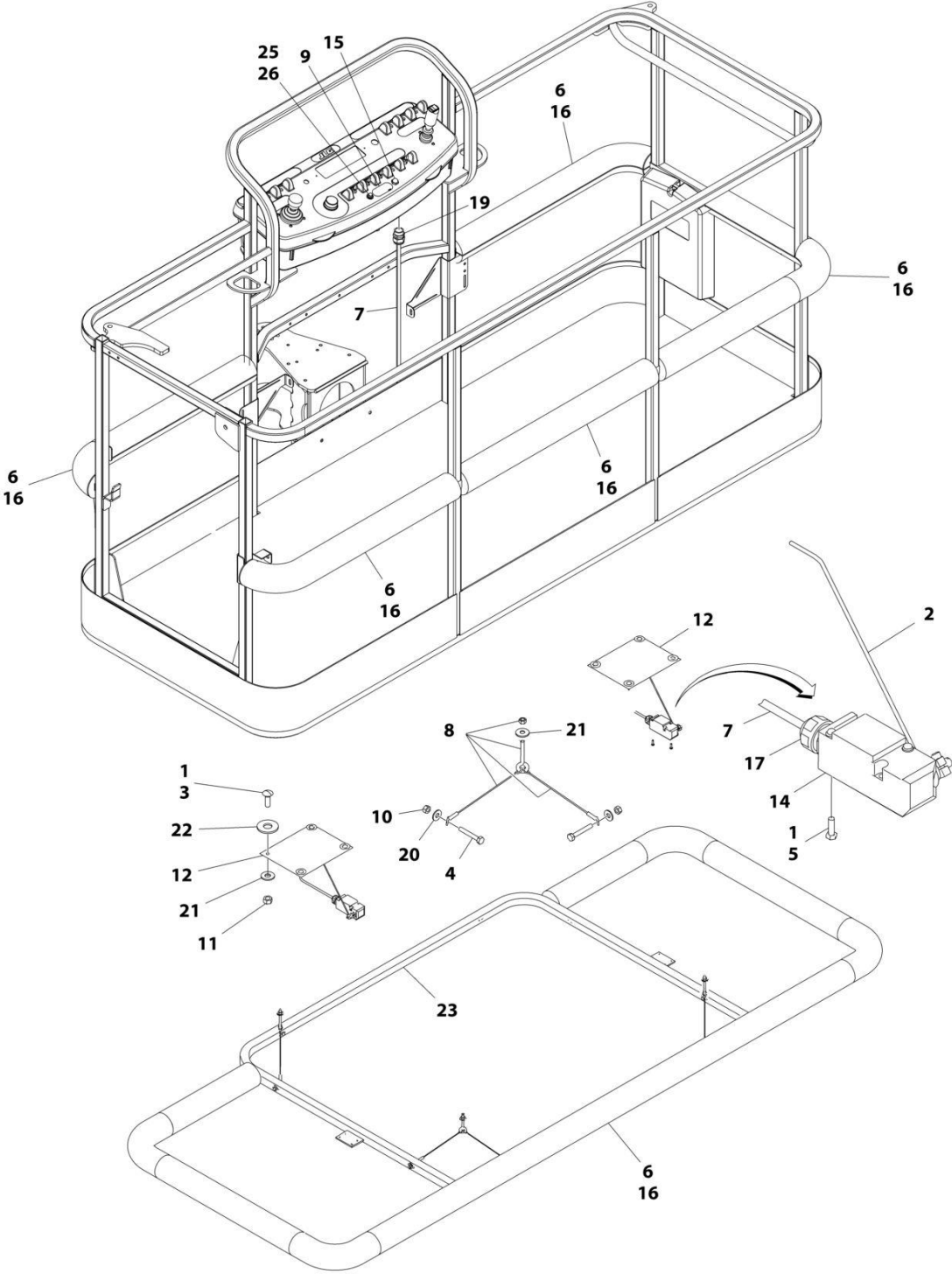
SECTION 5 - PLATFORM

FIGURE 5-23. SOFT TOUCH INSTALLATION - 8FT (2.4M) PLATFORM (OPTIONAL)

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

SECTION 5 - PLATFORM

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



ART_0273706

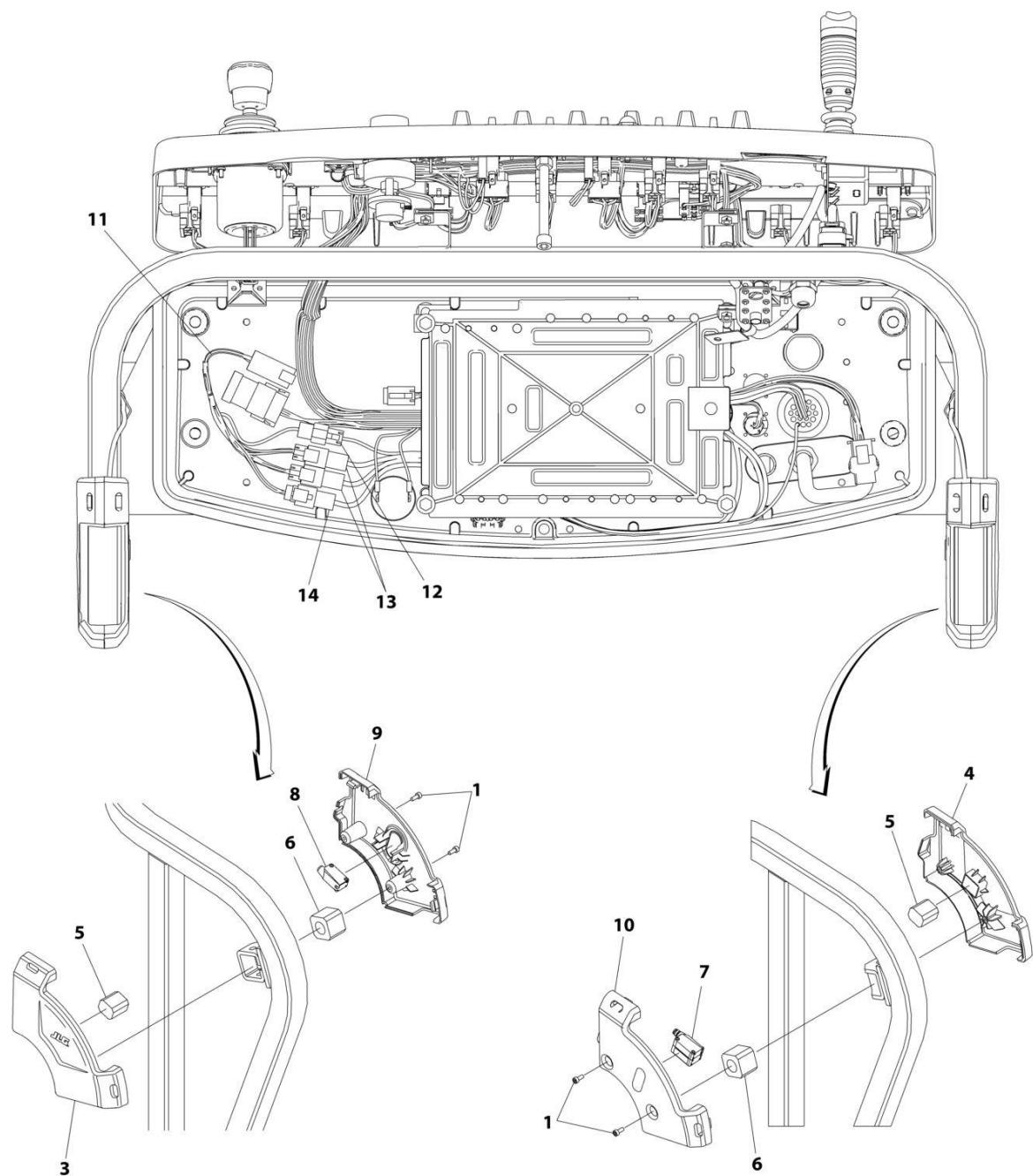
SECTION 5 - PLATFORM

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

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

SECTION 5 - PLATFORM

FIGURE 5-25. SKYEYE INSTALLATION



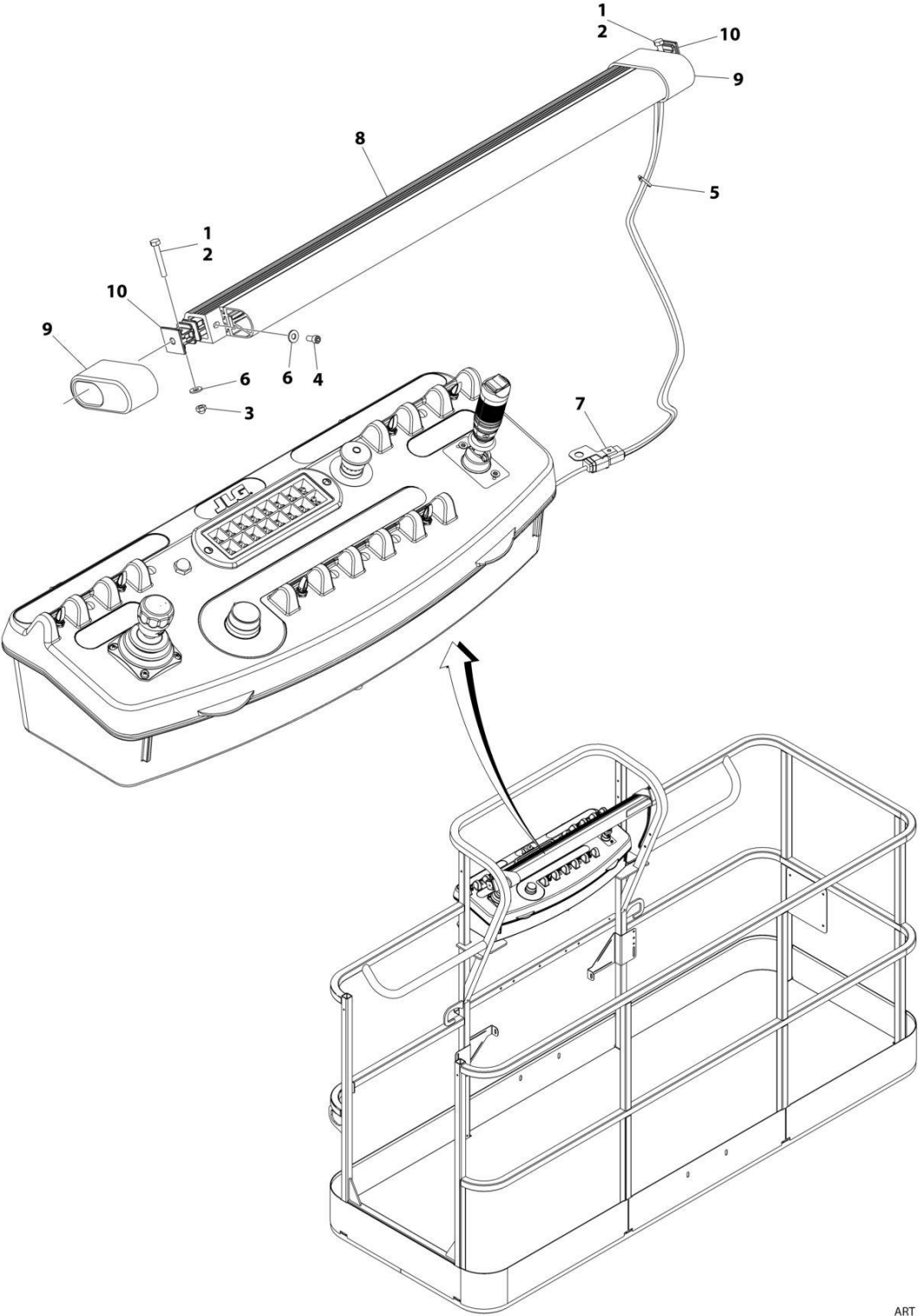
ART_1001229341

FIGURE 5-25. SKYEYE INSTALLATION

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

SECTION 5 - PLATFORM

FIGURE 5-26. SKYGUARD INSTALLATION (Prior to SN 0300259698)



ART_1001187508

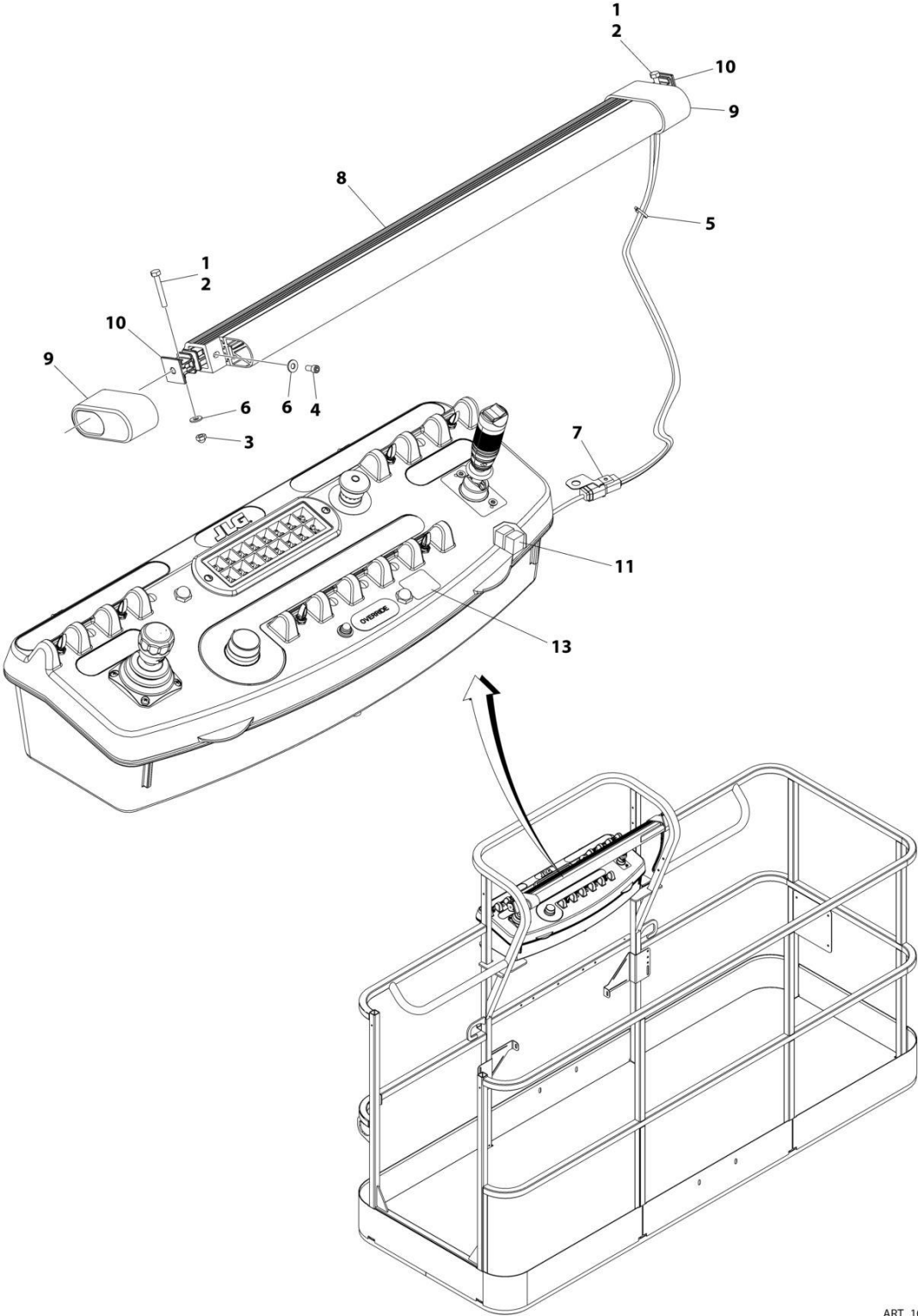
SECTION 5 - PLATFORM

FIGURE 5-26. SKYGUARD INSTALLATION (Prior to SN 0300259698)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187508	Ref	SKYGUARD INSTALLATION	D
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 0300000100 through 0300247156)	
10	1001209664	2	Support, Block (SN 0300247156 through 0300259698)	

SECTION 5 - PLATFORM

FIGURE 5-27. SKYGUARD BAR INSTALLATION (SN 0300259698 through 0300270863)



ART_1001238495

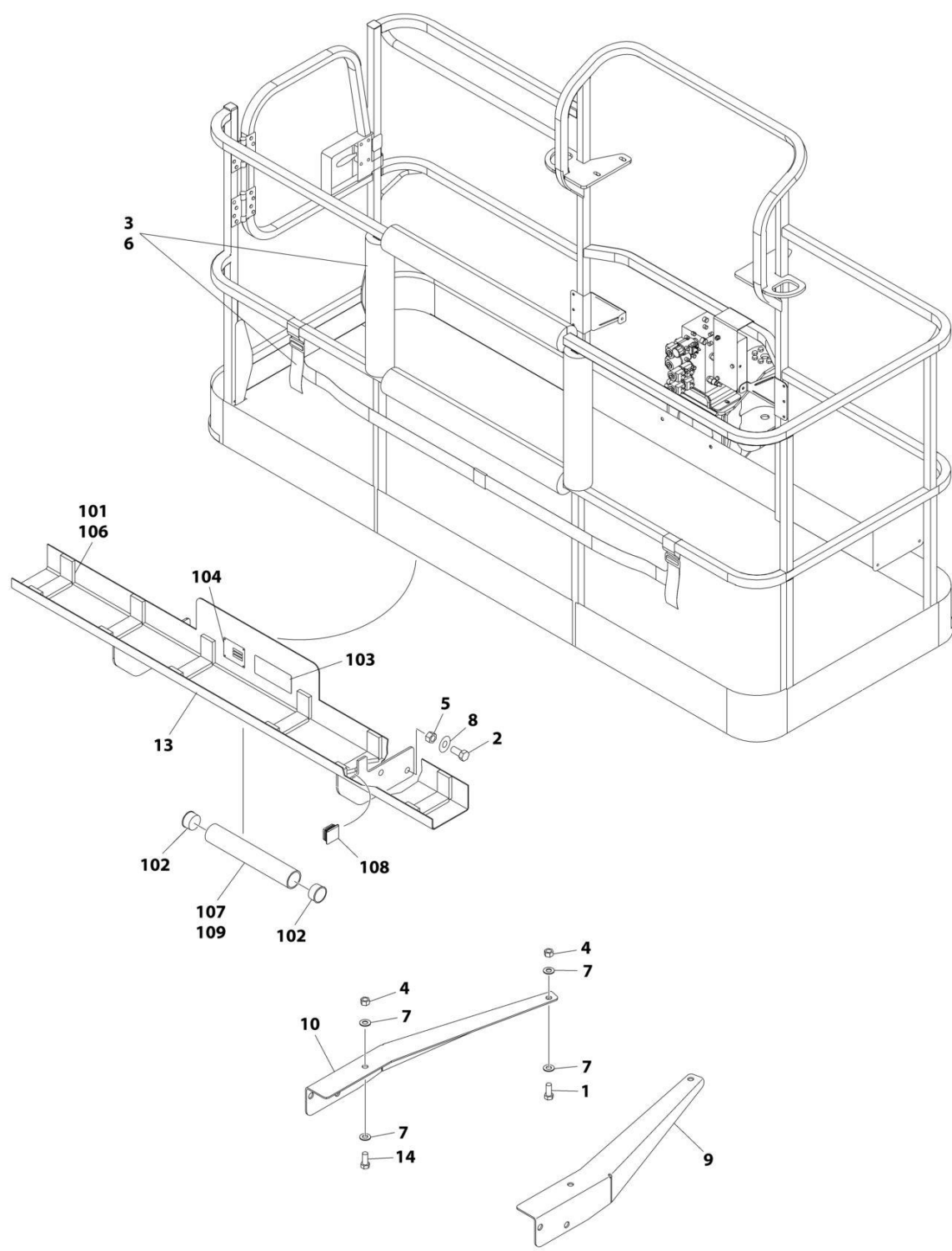
SECTION 5 - PLATFORM

FIGURE 5-27. SKYGUARD BAR INSTALLATION (SN 0300259698 through 0300270863)

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

SECTION 5 - PLATFORM

FIGURE 5-28. SKYGLAZIER INSTALLATION (ANSI, ANSI EXPORT, AUSTRALIAN & CSA SPECS)



ART_1001172578

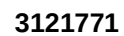
SECTION 5 - PLATFORM

FIGURE 5-28. SKYGLAZIER INSTALLATION (ANSI, ANSI EXPORT, AUSTRALIAN & CSA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172578	Ref	SKYGLAZIER INSTALLATION	C
1	0642012	2	Bolt 5/8 x 1-1/2	
2	0642212	4	Bolt 3/4 x 1-1/2	
3	2902212	1	Bumpers and Strap Kit	
3	0940102	1	Bumper Only	
3	4240149	1	Strap Only	
4	3312005	1	Nut 5/8	
5	3312205	4	Nut 3/4	
6	4420014	AR	Tape	
7	4712000	6	Washer 5/8	
8	4712200	8	Washer 3/4	
9	1001099366	1	Support	
10	1001099367	1	Support	
13	1001172577	1	Tray Assembly (See Items 101-111 for Breakdown)	
14	8310129	2	Bolt 3/4 x 2-1/2	
	1001172577	Ref	TRAY ASSEMBLY	C
101	0100081	AR	Adhesive	
102	1120555	2	Cap, Tube	
103	1701509	1	Decal - Manual	
104	See Note	NSS	Nameplate - Serial Number (Note: Not Available for Purchase)	
106	3340956	1	Pad Kit	
107	3460334	1	Tube	
108	3520071	2	Plug	
109	4420066	AR	Tape, Double Sided	

290

H800AJ



ART_1001238559

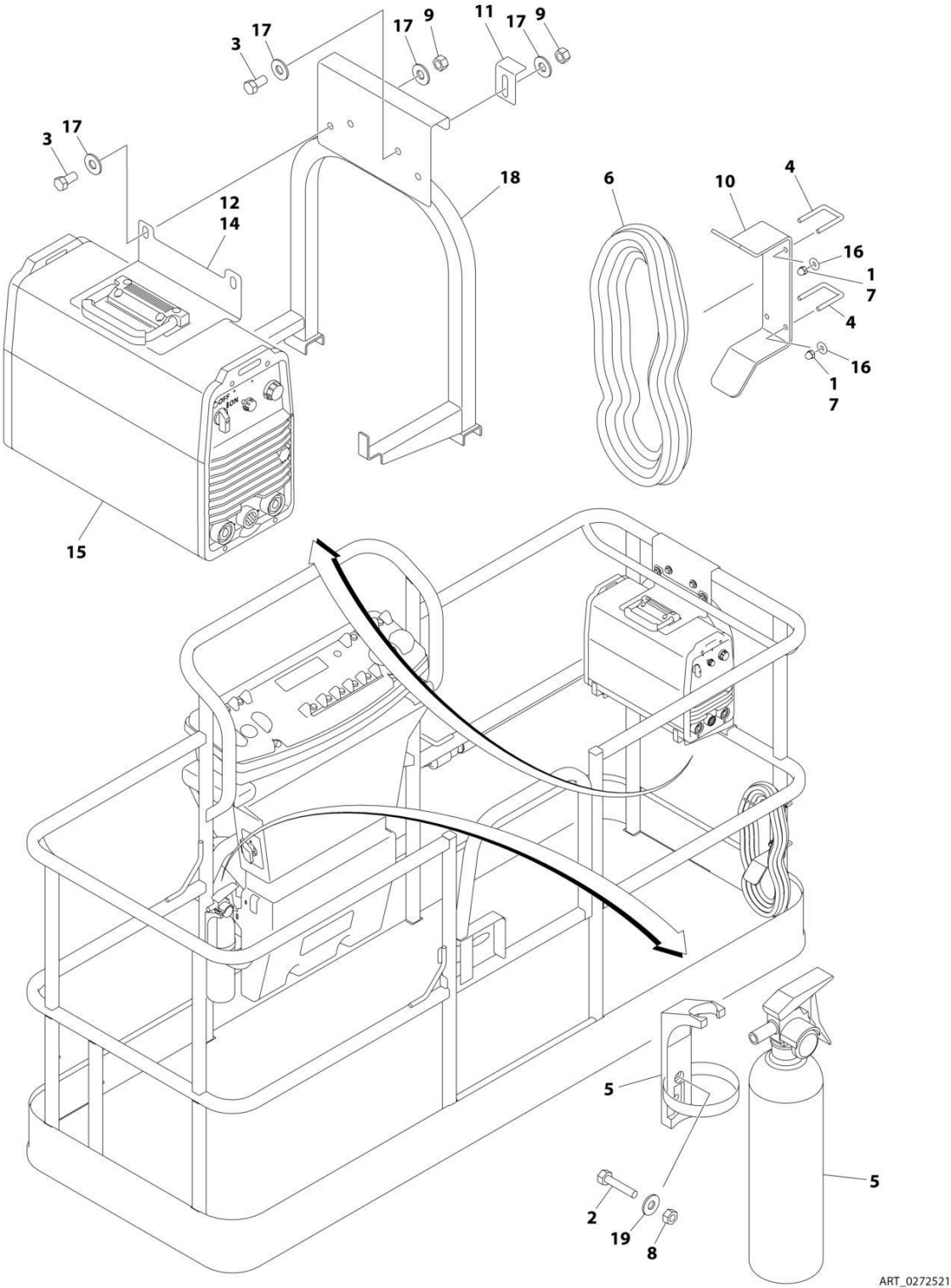
SECTION 5 - PLATFORM

FIGURE 5-29. SKYLINE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238559	Ref	SKYLINE INSTALLATION	B
1	0641404	2	Bolt 1/4 x 1/2	
2	0641405	2	Bolt 1/4 x 5/8	
3	3311405	2	Nut 1/4	
4	3311601	2	Nut 3/8	
5	4031516	2	Capscrew M4 x 60	
6	4240033	AR	Tie-Strap (Not Shown)	
7	4711400	4	Washer 1/4	
8	1001120328	1	Mount	
9	1001232642	1	Bracket	
10	1001232650	1	Magnet	
11	1001232667	1	Sensor, Proximity	
12	1001235011	1	Nut	
13	1001235013	1	Washer	
14	1001236552	1	Block	
15	1001238418	1	Harness, Skyline (See Separate Breakdown in ELECTRICAL Section)	
16	1001238472	1	Mount	
17	1001238477	1	Housing, LH	
18	1001241965	1	Housing, RH	
19	1001238824	1	Rope	
20	0100011	AR	Compound, Locking	

SECTION 5 - PLATFORM

FIGURE 5-30. SKYWELDER INSTALLATION (50HZ)



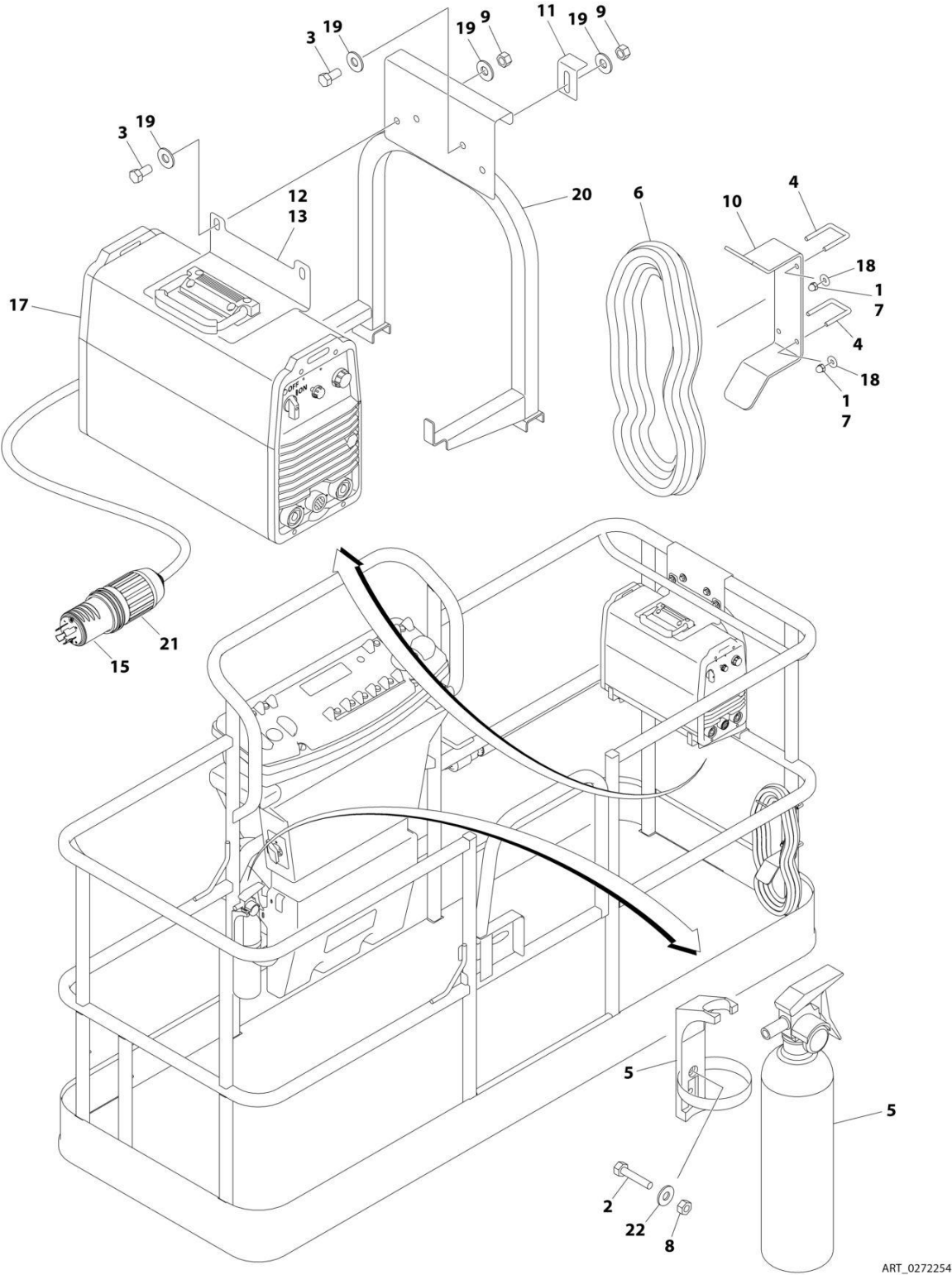
SECTION 5 - PLATFORM

FIGURE 5-30. SKYWELDER INSTALLATION (50HZ)

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

SECTION 5 - PLATFORM

FIGURE 5-31. SKYWELDER INSTALLATION (60HZ)



ART_0272254

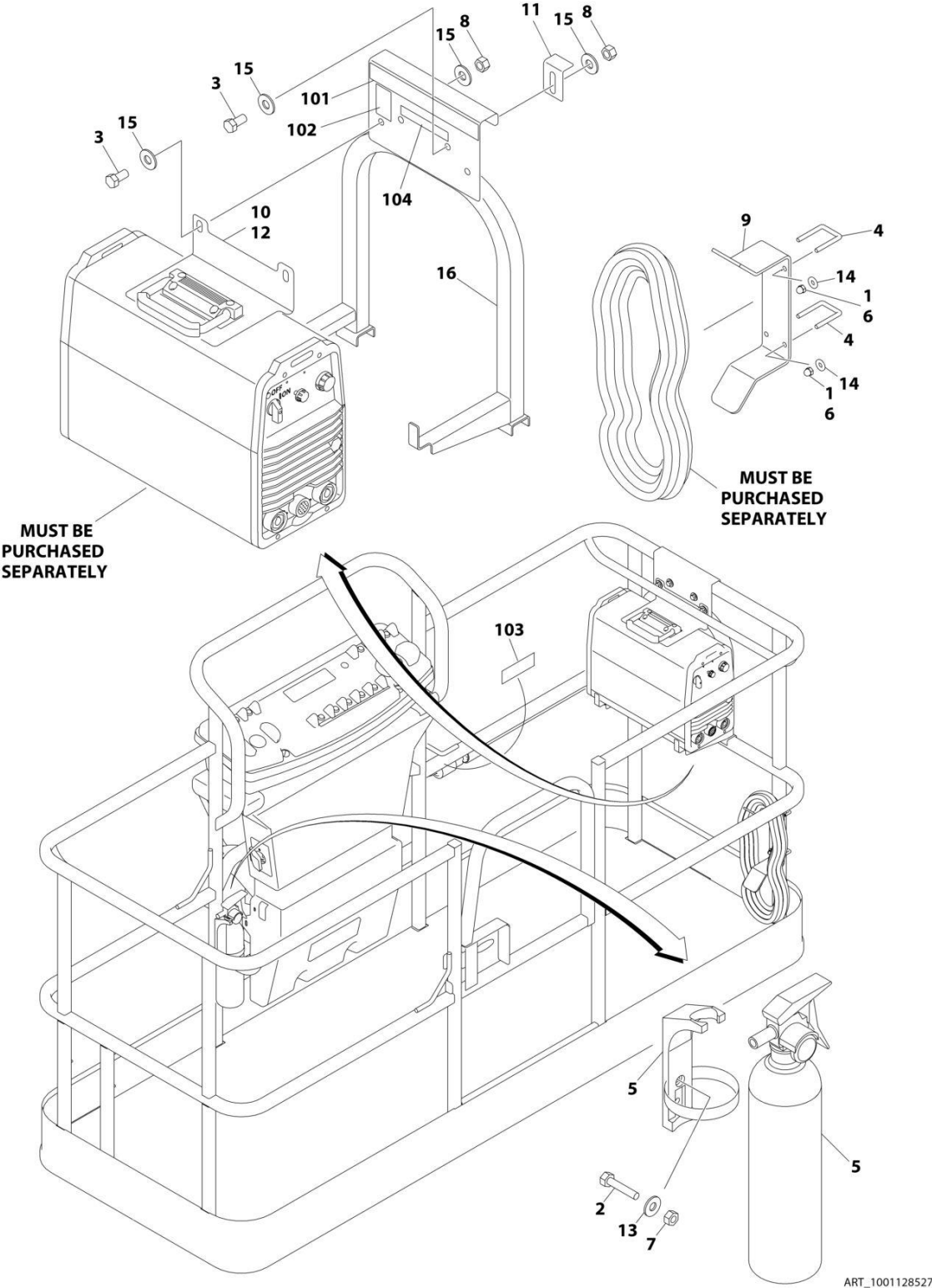
SECTION 5 - PLATFORM

FIGURE 5-31. SKYWELDER INSTALLATION (60HZ)

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

SECTION 5 - PLATFORM

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



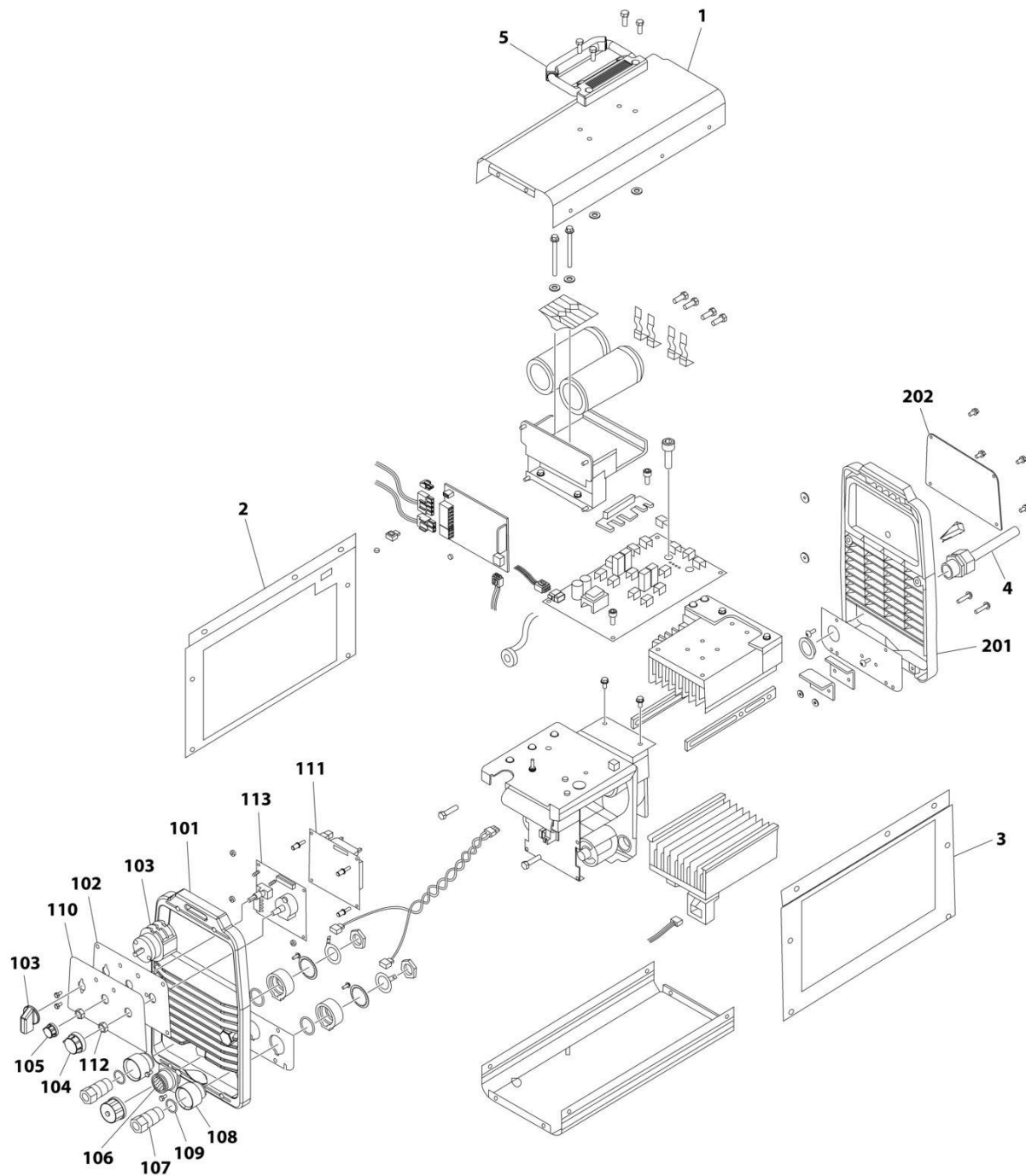
SECTION 5 - PLATFORM

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

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

SECTION 5 - PLATFORM

FIGURE 5-33. WELDER ASSEMBLY



ART_4530028

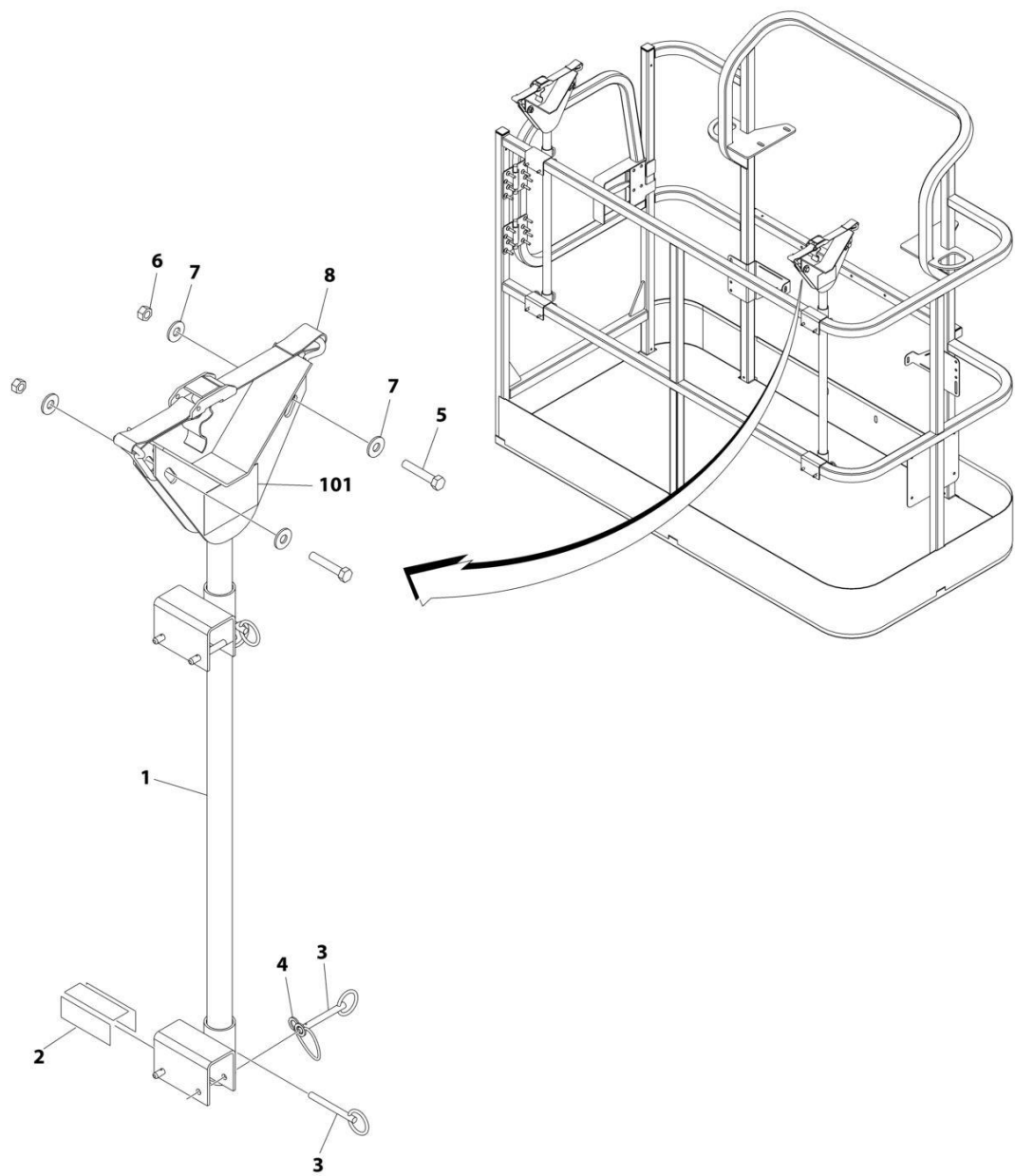
SECTION 5 - PLATFORM

FIGURE 5-33. WELDER ASSEMBLY

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

SECTION 5 - PLATFORM

FIGURE 5-34. PIPE RACK INSTALLATION (ANSI AND CSA SPECS ONLY)



ART_1001213852

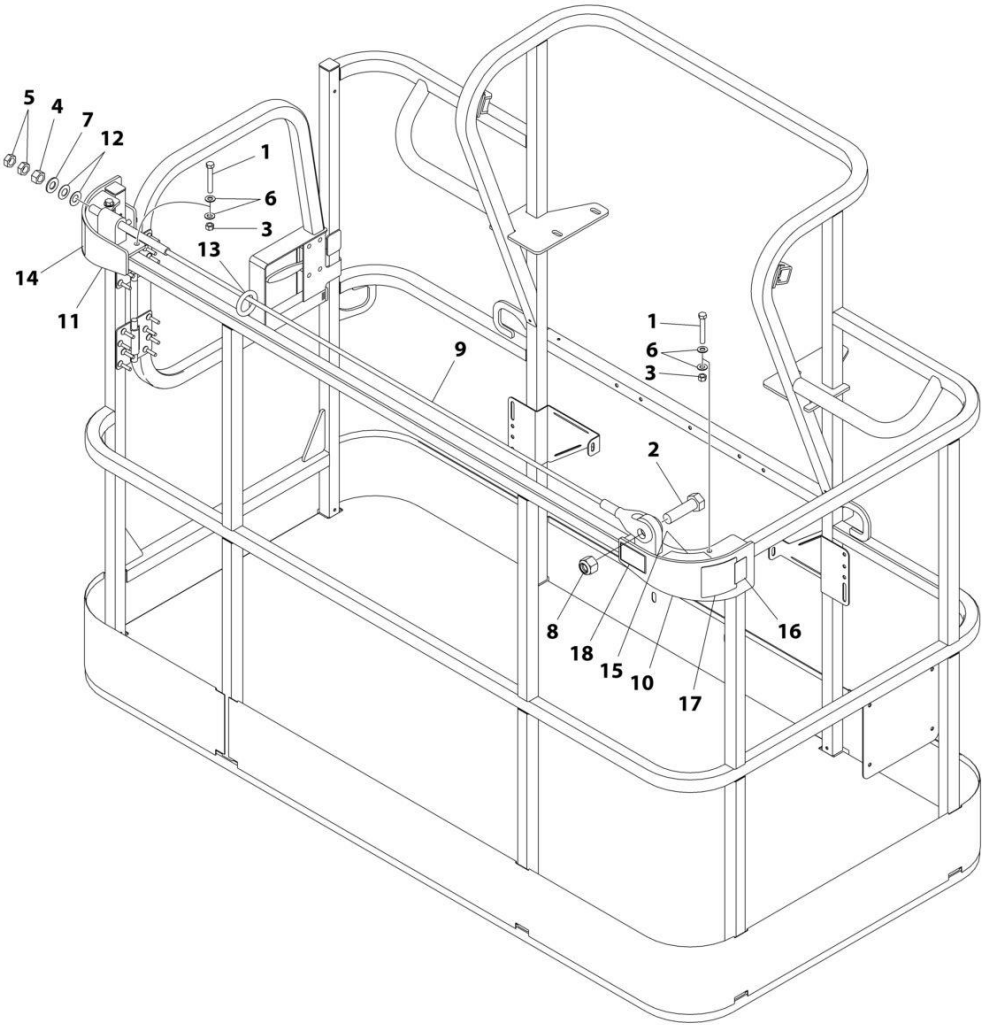
SECTION 5 - PLATFORM

FIGURE 5-34. PIPE RACK INSTALLATION (ANSI AND CSA SPECS ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213852	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	
		Ref	PIPE RACK DECAL INSTALLATION	
101	1703683	2	Decal - Pipe Rack (ANSI Specs)	
101	1001219415	2	Decal - Pipe Rack (Australian Specs)	
101	1001106450	2	Decal - Pipe Rack (Latin American Specs)	
101	1001107469	2	Panel, Mounting (Latin American Specs Only)	

SECTION 5 - PLATFORM

FIGURE 5-35. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (6FT/1.82M PLATFORM)



ART_1001236747

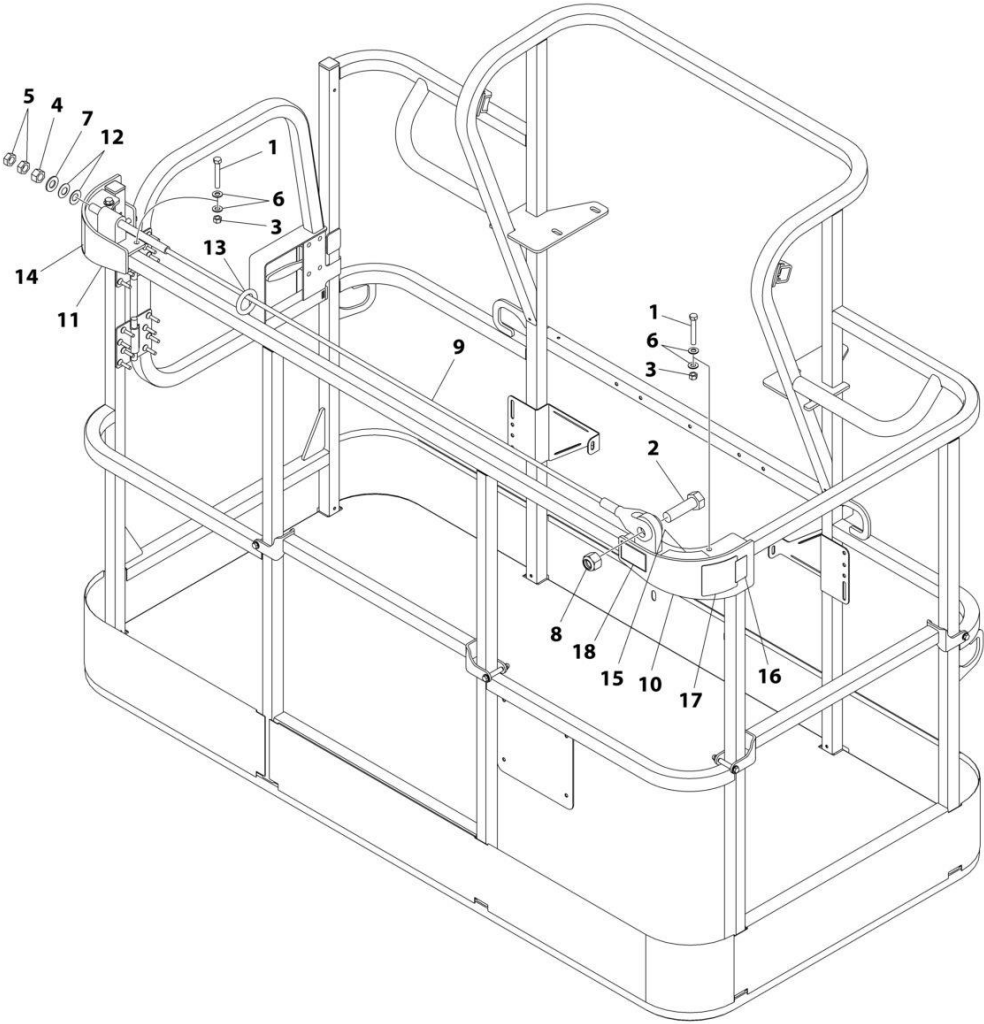
SECTION 5 - PLATFORM

FIGURE 5-35. 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	C
1	0681620	6	Bolt 3/8 x 2-1/2	
2	0682424	1	Bolt 7/8 x 3	
3	3271605	6	Nut 3/8	
4	3272001	1	Nut 5/8	
5	3312002	2	Nut 5/8	
6	4711600	12	Washer 3/8	
7	4712000	1	Washer 5/8	
8	88521214	1	Nut 7/8	
9	1001231950	1	Rope	
10	1001232010	1	Bracket (RH)	
11	1001232011	1	Bracket (LH)	
12	1001236891	2	Washer	
13	1001236895	1	Ring	
14	1001238263	1	Decal - Warning Falling Hazard	
15	1001252629	1	Decal - Weight	
16	1001248140	1	Decal - Bolt Fall Arrest Re-Cert	
17	1001248141	1	Decal - Inscription	

SECTION 5 - PLATFORM

FIGURE 5-36. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (6FT/1.82M TRI-ENTRY PLATFORM)



ART_1001238463

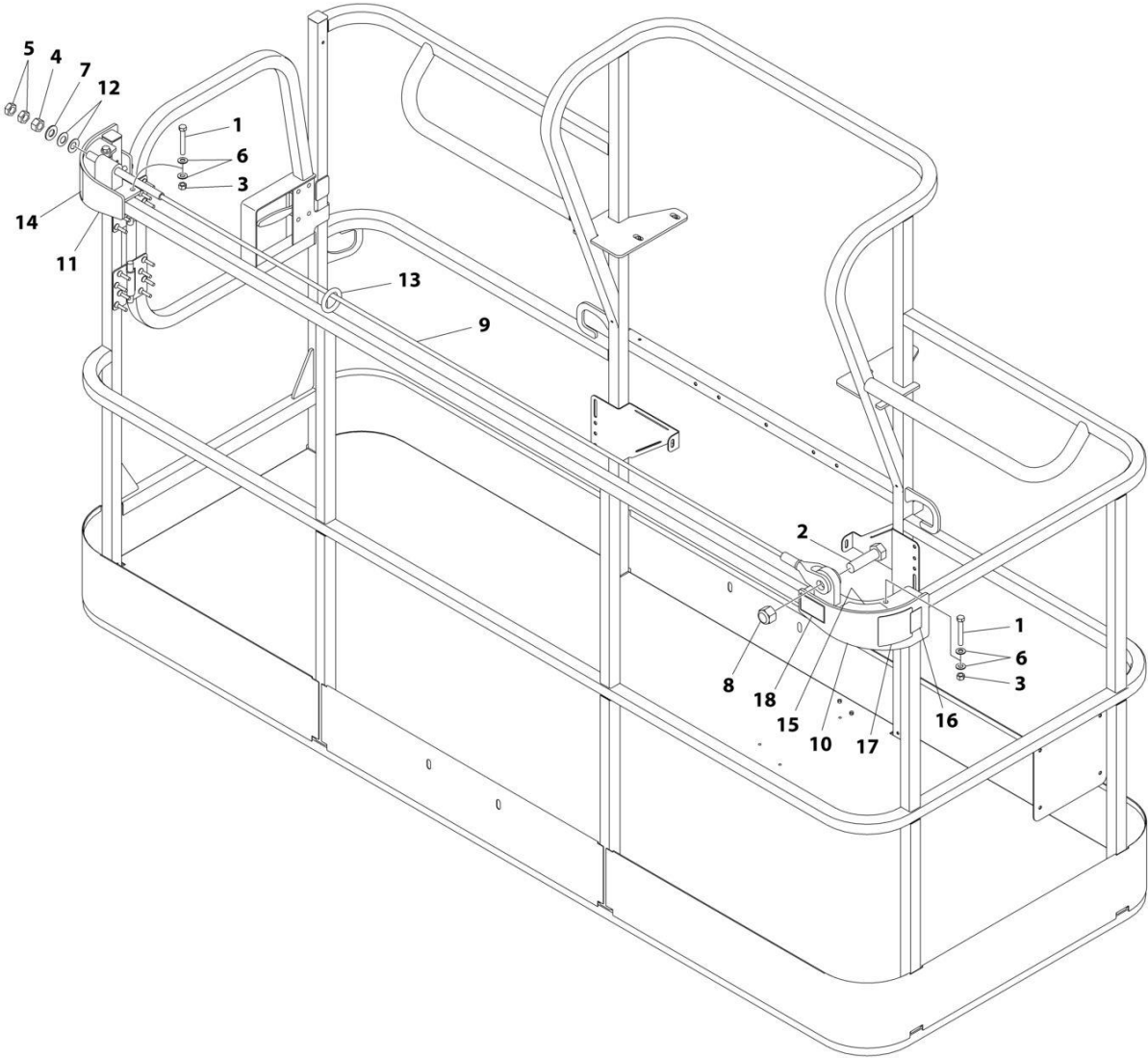
SECTION 5 - PLATFORM

FIGURE 5-36. 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	C
1	0681620	6	Bolt 3/8 x 2-1/2	
2	0682424	1	Bolt 7/8 x 3	
3	3271605	6	Nut 3/8	
4	3272001	1	Nut 5/8	
5	3312002	2	Nut 5/8	
6	4711600	12	Washer 3/8	
7	4712000	1	Washer 5/8	
8	88521214	1	Nut 7/8	
9	1001231950	1	Rope	
10	1001232010	1	Bracket (RH)	
11	1001232011	1	Bracket (LH)	
12	1001236891	2	Washer	
13	1001236895	1	Ring	
14	1001238263	1	Decal - Warning Falling Hazard	
15	1001252629	1	Decal - Weight	
16	1001248140	1	Decal - Bolt Fall Arrest Re-Cert	
17	1001248141	1	Decal - Inscription	

SECTION 5 - PLATFORM

FIGURE 5-37. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (8FT/2.4M PLATFORM)



ART_1001236746

SECTION 5 - PLATFORM

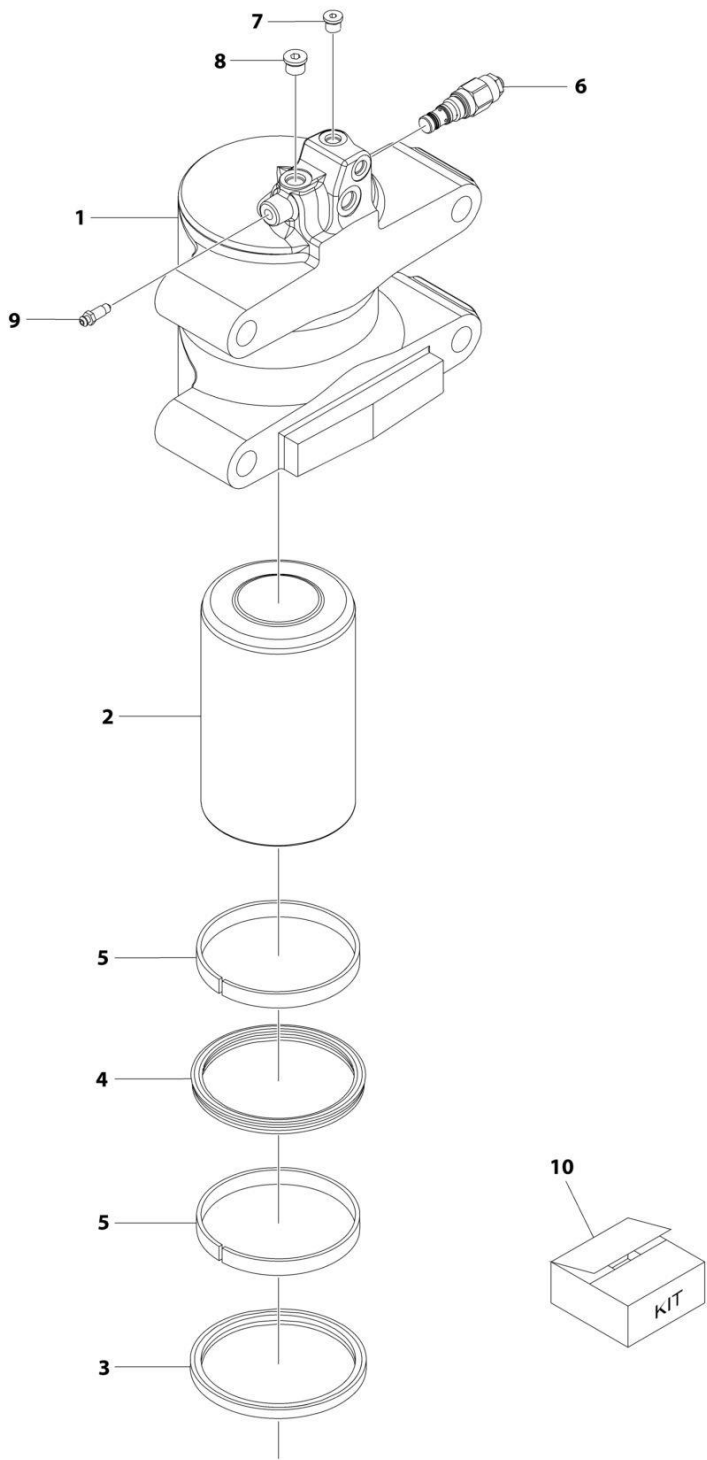
FIGURE 5-37. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (8FT/2.4M PLATFORM)

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

SECTION 6 - CYLINDER

SECTION 6 - CYLINDER

FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSMBLY



ART_1001204560

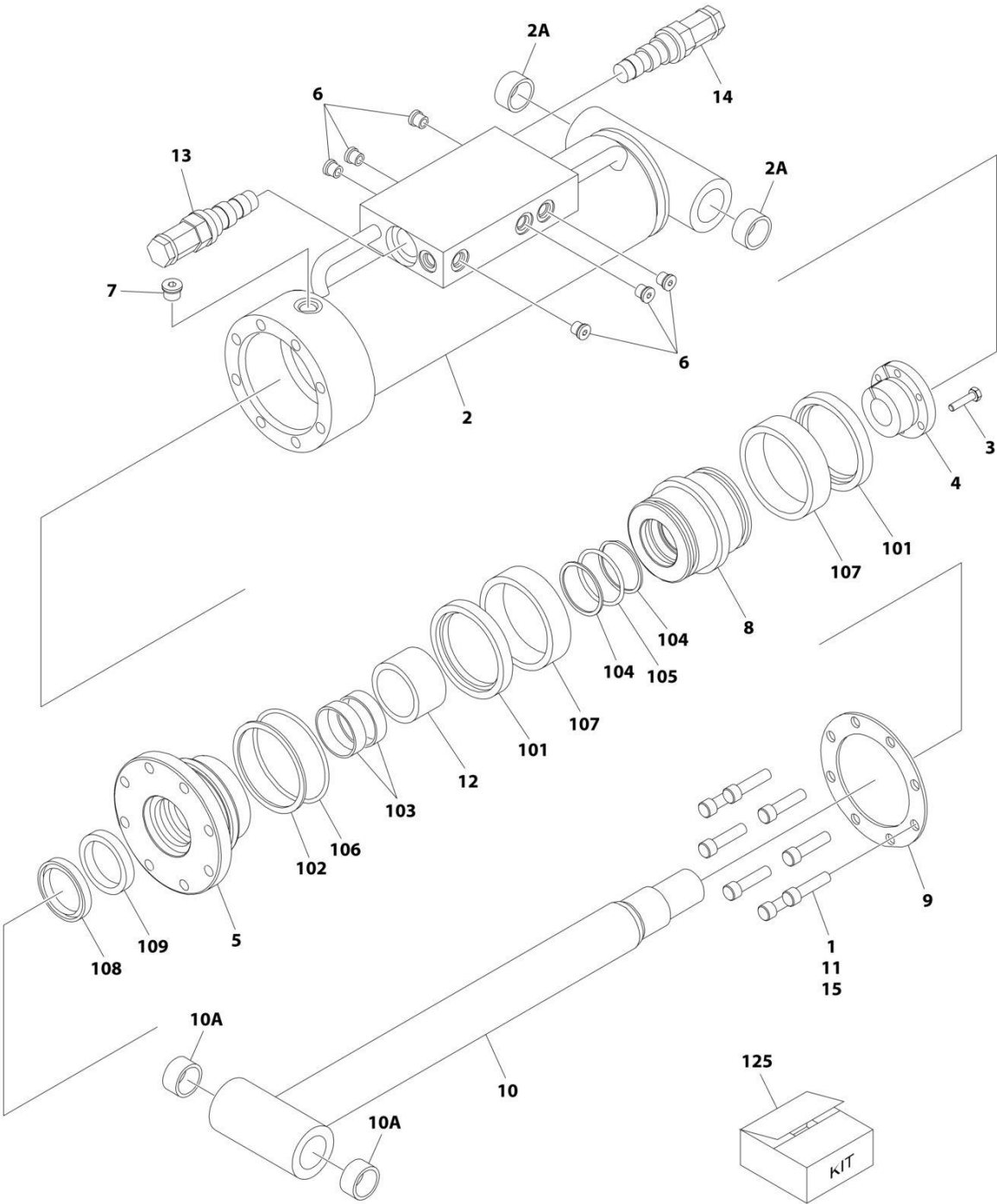
SECTION 6 - CYLINDER

FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSMBLY

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

SECTION 6 - CYLINDER

FIGURE 6-2. LEVEL (SLAVE) CYLINDER ASSEMBLY - JIB (Prior to SN 0300247156)



ART_1684228

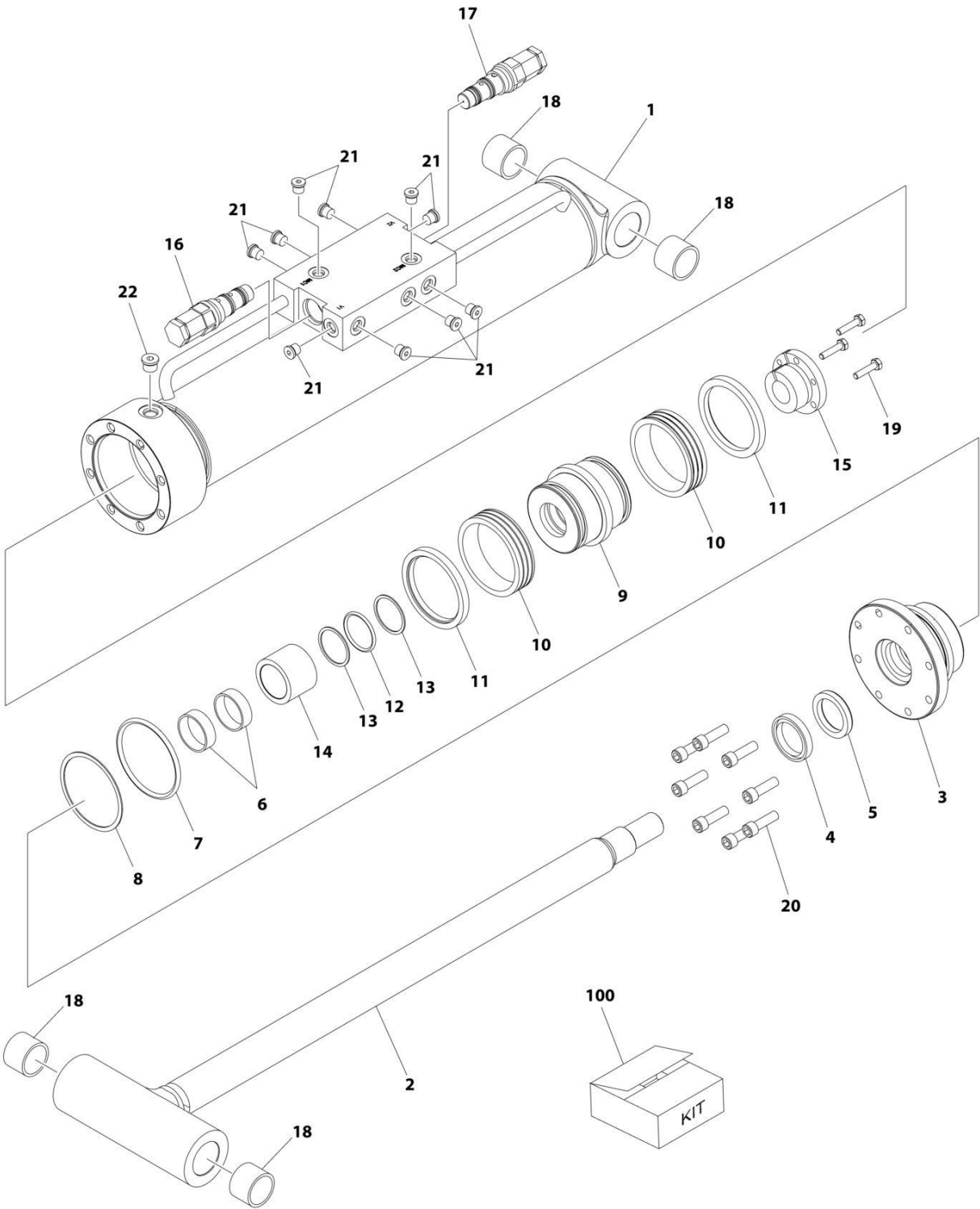
SECTION 6 - CYLINDER

FIGURE 6-2. LEVEL (SLAVE) CYLINDER ASSEMBLY - JIB (Prior to SN 0300247156)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1684228	Ref	LEVEL (SLAVE) CYLINDER ASSEMBLY	F
		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	1684230	1	Barrel (Note: Includes Item 2A)	
2A	0961951	4	Bushing	
3	0630535	3	Capscrew 1/4 x 1	
4	0961894	1	Bushing, Tapered	
5	1683055	1	Head	
6	2220883	6	Plug	
7	2220885	1	Plug	
8	3480188	1	Piston	
9	3760369	1	Ring, Washer	
10	1684232	1	Rod (Note: Includes Item 10A)	
10A	0961951	4	Bushing	
11	3931620	8	Capscrew 3/8 x 1-1/4	
12	4566468	1	Spacer, Tube	
13	4640605	1	Valve, Cartridge	
13	2900792	1	Seal Kit - 4640605 Valve	
14	4640932	1	Valve, Cartridge	
14	7011112	1	Seal Kit - 4640932 Valve	
15	0100038	AR	Primer, Locking	
101	See Note	NSS	Ring, Lock (Note: Use Item 125)	
102	See Note	NSS	Ring, Back-up (Note: Use Item 125)	
103	See Note	NSS	Ring, Wear (Note: Use Item 125)	
104	See Note	NSS	Ring, Back-up (Note: Use Item 125)	
105	See Note	NSS	O-Ring (Note: Use Item 125)	
106	See Note	NSS	O-Ring (Note: Use Item 125)	
107	See Note	NSS	Seal (Note: Use Item 125)	
108	See Note	NSS	Wiper (Note: Use Item 125)	
109	See Note	NSS	Seal (Note: Use Item 125)	
125	2901301	1	Seal Kit (Includes Items 101-109)	

SECTION 6 - CYLINDER

FIGURE 6-3. LEVEL (SLAVE) CYLINDER ASSEMBLY - JIB (SN 0300247156 through 0300270863)



ART_1001228030

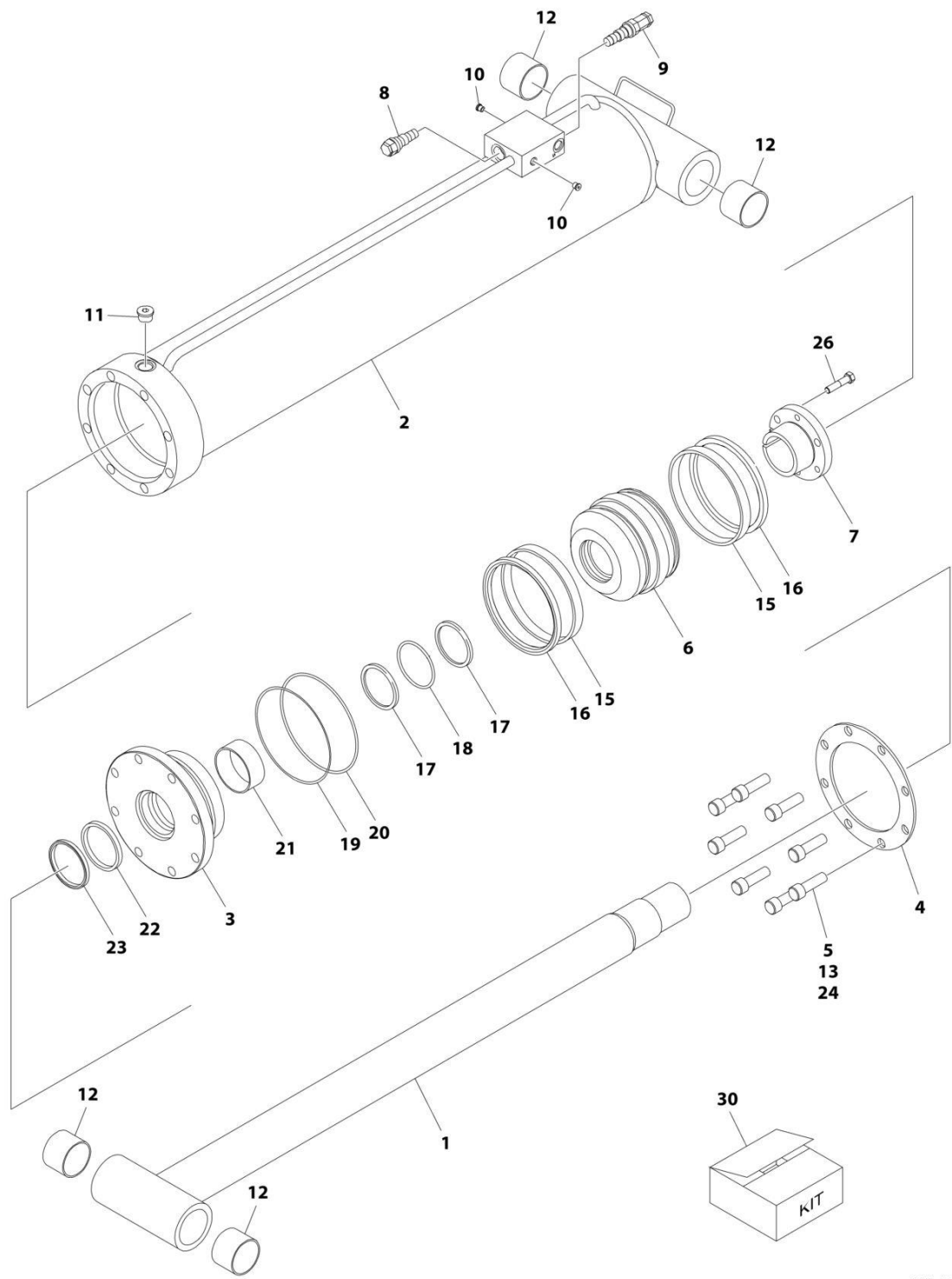
SECTION 6 - CYLINDER

FIGURE 6-3. LEVEL (SLAVE) CYLINDER ASSEMBLY - JIB (SN 0300247156 through 0300270863)

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

SECTION 6 - CYLINDER

FIGURE 6-4. LEVEL (SLAVE) CYLINDER ASSEMBLY - UPRIGHT (Prior to SN 0300247156)



ART_1684497

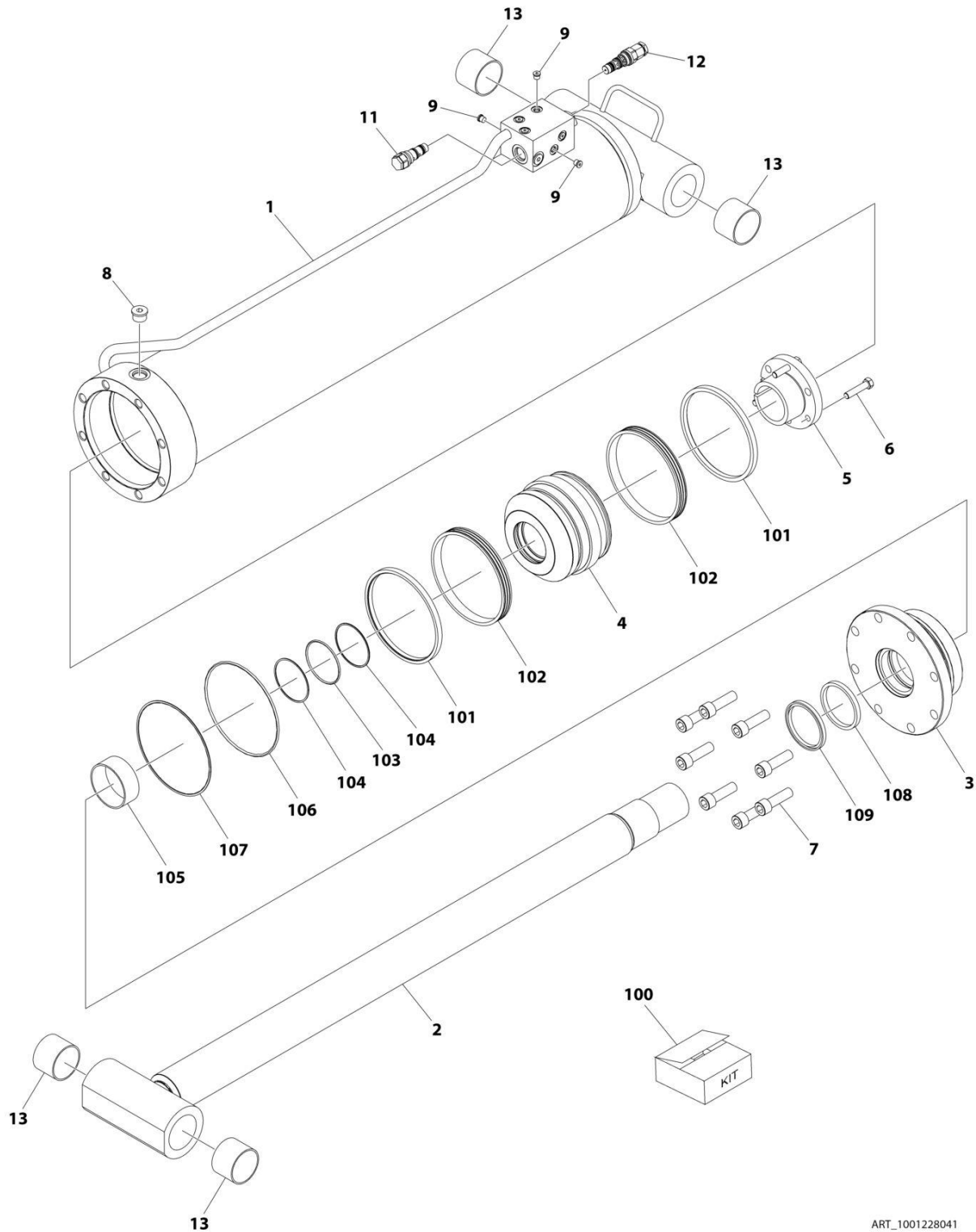
SECTION 6 - CYLINDER

FIGURE 6-4. LEVEL (SLAVE) CYLINDER ASSEMBLY - UPRIGHT (Prior to SN 0300247156)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1684497	Ref	LEVEL (SLAVE) CYLINDER ASSEMBLY	D
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	1683544	1	Rod	
2	0370034	1	Barrel	
3	1683071	1	Head	
4	3760374	1	Ring, Washer	
5	3932240	8	Capscrew 3/4 x 2-1/2	
6	3480237	1	Piston	
7	0961901	1	Bushing, Tapered	
8	4640509	1	Cartridge, Valve	
8	2900792	1	Seal Kit - 4640509 Valve	
9	4640605	1	Cartridge, Valve	
9	2900792	1	Seal Kit - 4640605 Valve	
10	2220883	2	Plug, O-Ring	
11	2220888	1	Plug, O-Ring	
12	0962102	4	Bushing	
13	0100011	AR	Compound, Locking	
15	See Note	NSS	Seal (Note: Use Item 30)	
16	See Note	NSS	Ring, Lock (Note: Use Item 30)	
17	See Note	NSS	Ring, Back-up (Note: Use Item 30)	
18	See Note	NSS	Ring, Washer (Note: Use Item 30)	
19	See Note	NSS	Ring, Back-up (Note: Use Item 30)	
20	See Note	NSS	O-Ring (Note: Use Item 30)	
21	See Note	NSS	Ring, Wear (Note: Use Item 30)	
22	See Note	NSS	Seal, Rod (Note: Use Item 30)	
23	See Note	NSS	Wiper (Note: Use Item 30)	
24	0100038	AR	Primer, Locking	
26	0630537	3	Bolt	
30	2901526	1	Seal Kit (Includes Items 15-23)	

SECTION 6 - CYLINDER

FIGURE 6-5. LEVEL (SLAVE) CYLINDER ASSEMBLY - UPRIGHT (SN 0300247156 through 0300261401)



ART_1001228041

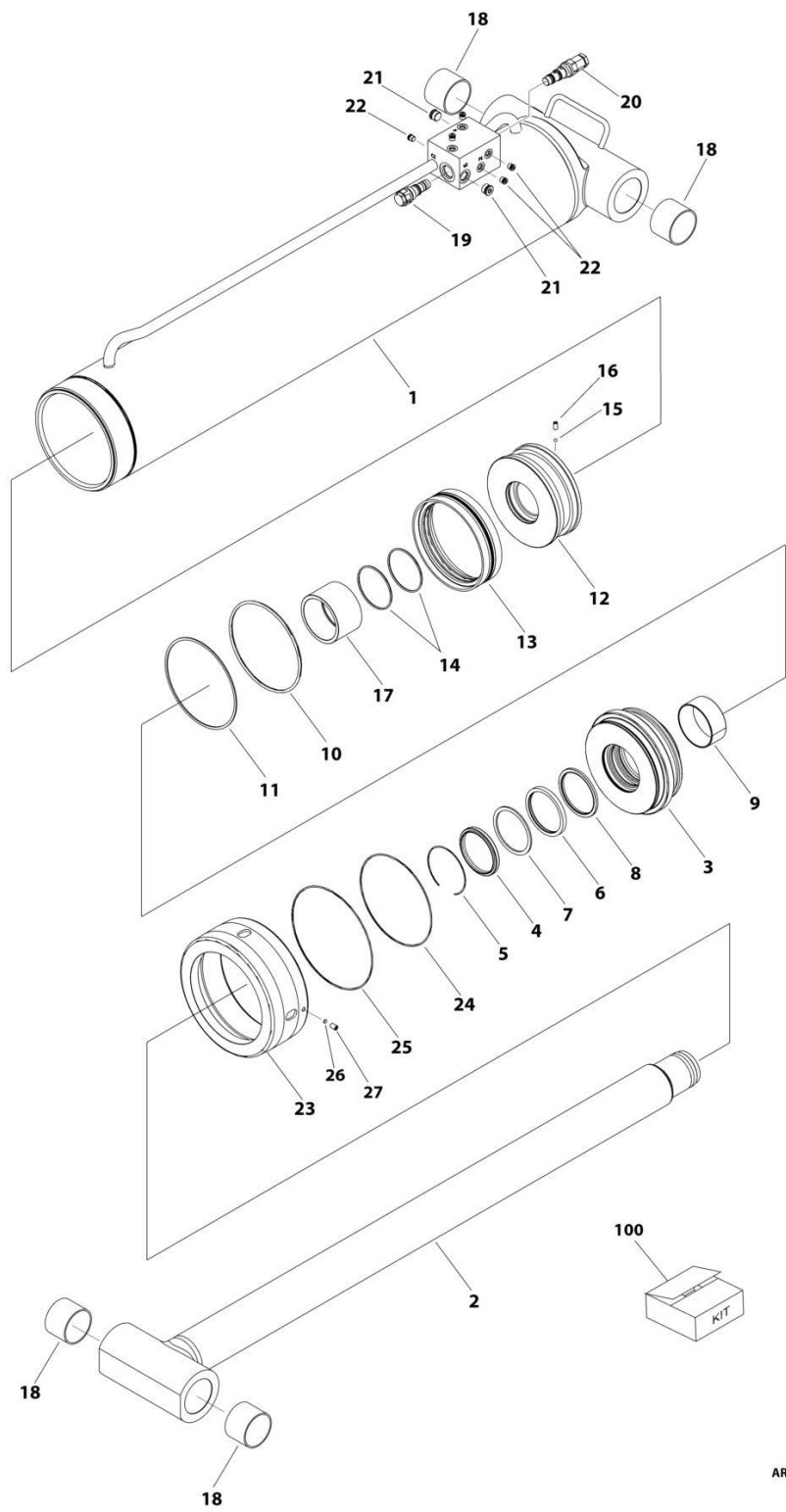
SECTION 6 - CYLINDER

FIGURE 6-5. LEVEL (SLAVE) CYLINDER ASSEMBLY - UPRIGHT (SN 0300247156 through 0300261401)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228041	Ref	LEVEL CYLINDER ASSEMBLY	C
		Ref	Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Not Available for Purchase)	
2	70006391	1	Rod	
3	70006390	1	Head	
4	70006389	1	Piston	
5	70006385	1	Bushing, Tapered	
6	0630537	3	Bolt	
7	3932240	8	Capscrew 3/4 x 2-1/2	
8	2220888	1	Plug, O-Ring	
9	2220883	6	Plug, O-Ring	
11	4640509	1	Cartridge, Valve	
11	2900792	1	Seal Kit - 4640509 Valve	
12	4640605	1	Cartridge, Valve	
12	2900792	1	Seal Kit - 4640605 Valve	
13	0962102	4	Bushing	
100	2901526	1	Seal Kit (Includes Items 101-109)	
101	See Note	NSS	Ring, Lock (Note: Use Item 100)	
102	See Note	NSS	Seal (Note: Use Item 100)	
103	See Note	NSS	Ring, Washer (Note: Use Item 100)	
104	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
105	See Note	NSS	Ring, Wear (Note: Use Item 100)	
106	See Note	NSS	O-Ring (Note: Use Item 100)	
107	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
108	See Note	NSS	Seal, Rod (Note: Use Item 100)	
109	See Note	NSS	Wiper (Note: Use Item 100)	

SECTION 6 - CYLINDER

FIGURE 6-6. LEVEL (SLAVE) CYLINDER ASSEMBLY - UPRIGHT (SN 0300261402 through 0300270863)



ART_1001251041

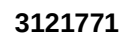
SECTION 6 - CYLINDER

FIGURE 6-6. LEVEL (SLAVE) CYLINDER ASSEMBLY - UPRIGHT (SN 0300261402 through 0300270863)

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

322

H800AJ



ART_1683609

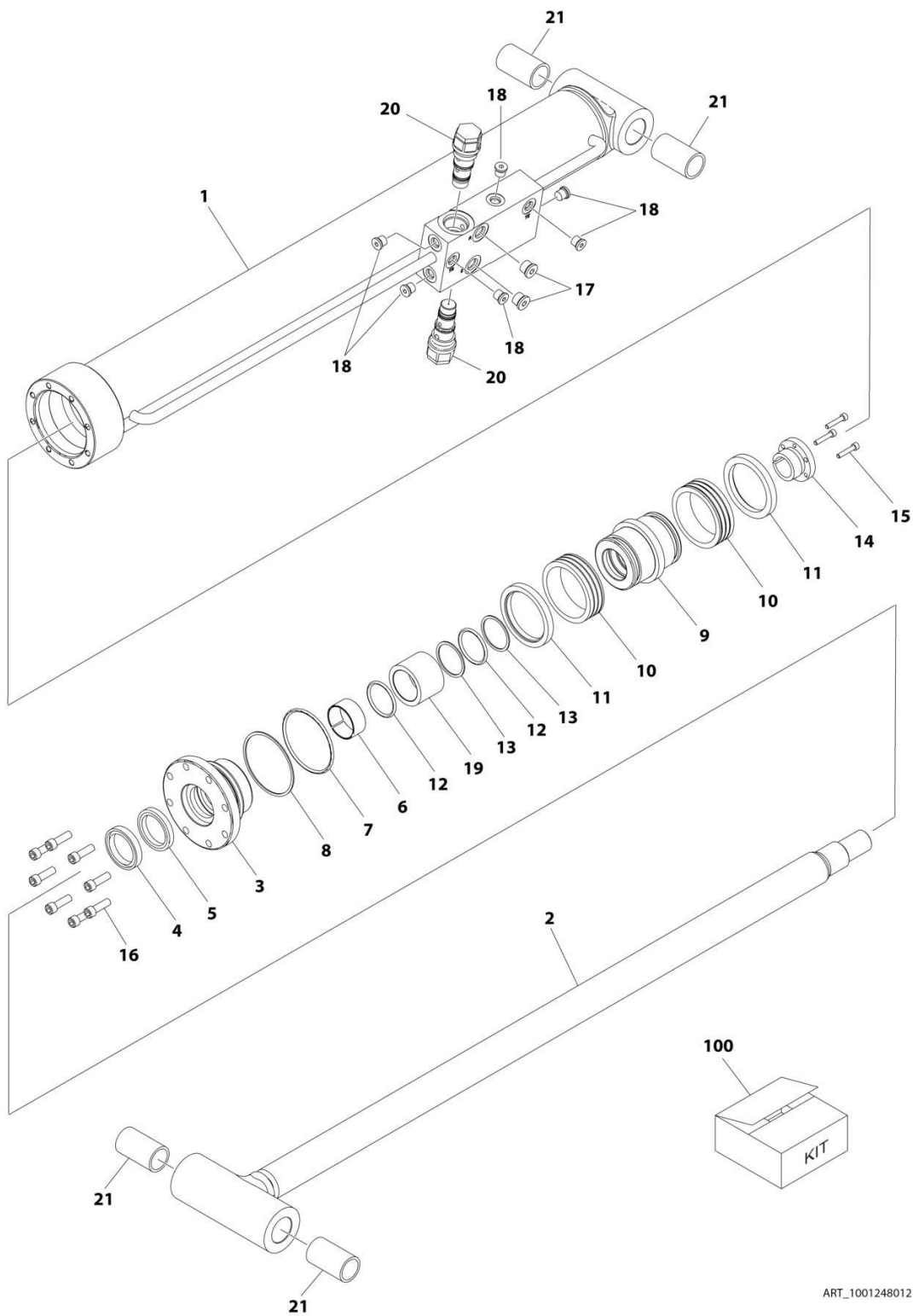
SECTION 6 - CYLINDER

FIGURE 6-7. LIFT CYLINDER ASSEMBLY - JIB (Prior to SN 0300247156)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1683609	Ref	LIFT CYLINDER ASSEMBLY	L
		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	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 6-8. LIFT CYLINDER ASSEMBLY - JIB (SN 0300247156 through 0300270863)



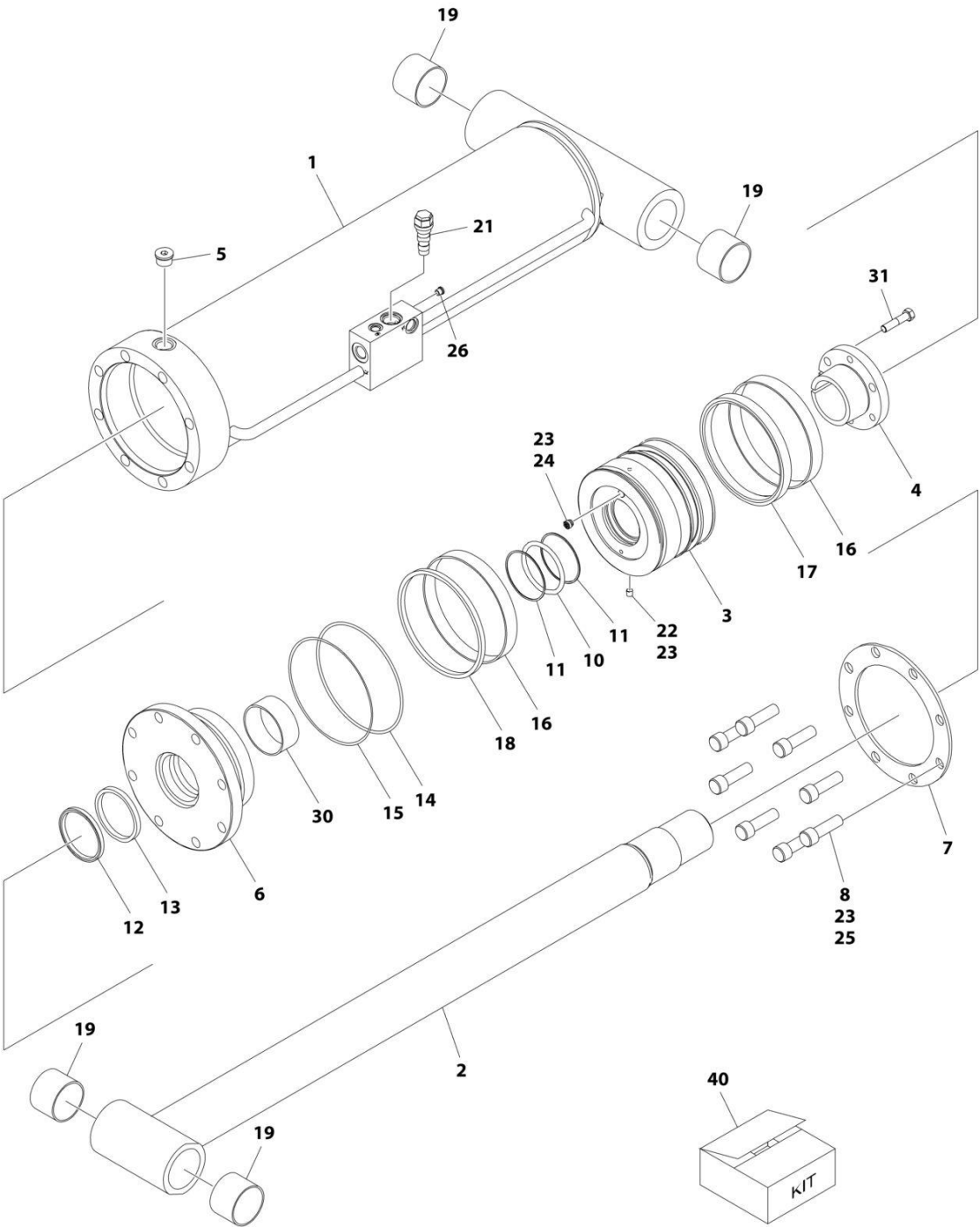
SECTION 6 - CYLINDER

FIGURE 6-8. LIFT CYLINDER ASSEMBLY - JIB (SN 0300247156 through 0300270863)

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

SECTION 6 - CYLINDER

FIGURE 6-9. LIFT CYLINDER ASSEMBLY - MAIN BOOM (Prior to SN 0300247156)



ART_1683547

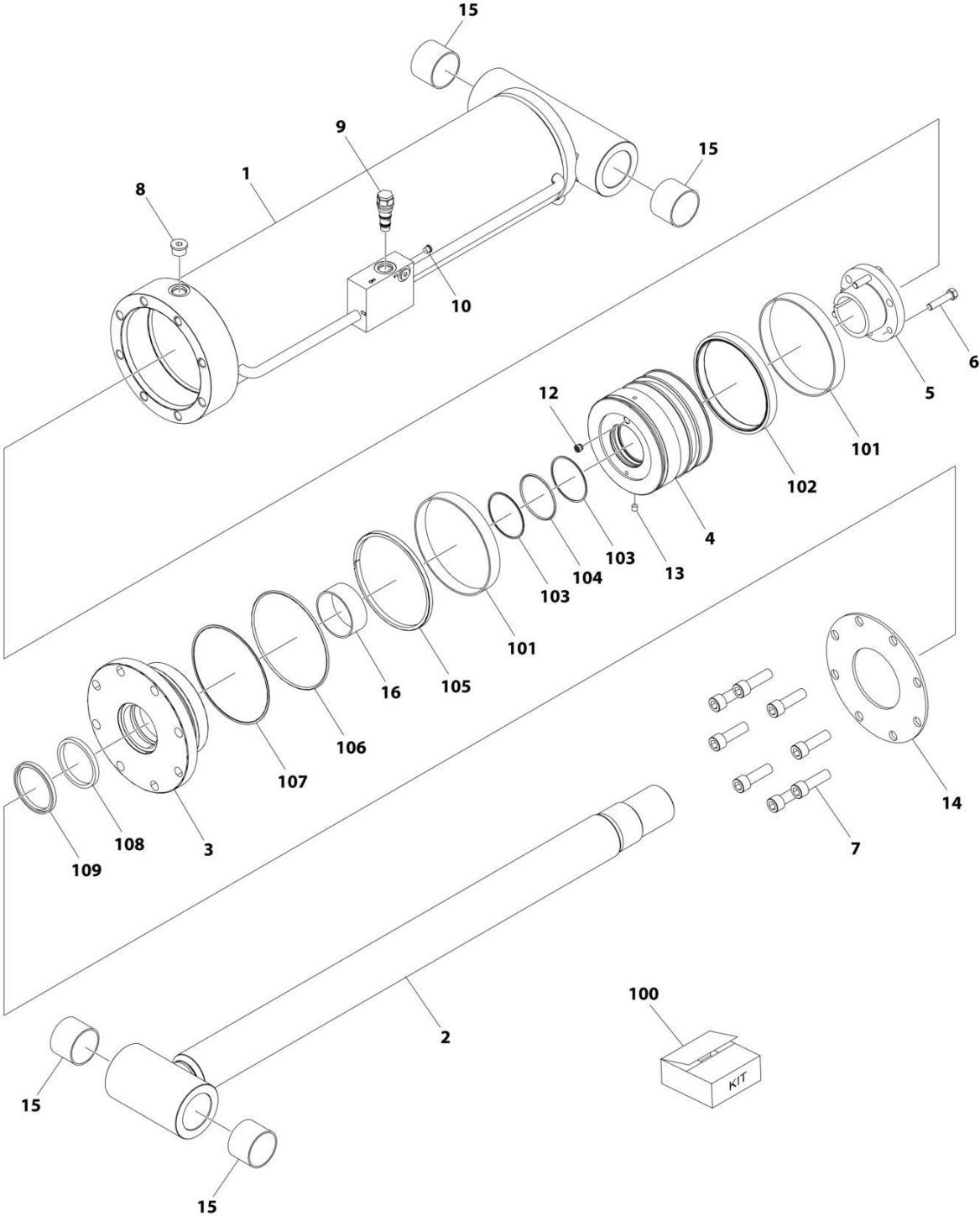
SECTION 6 - CYLINDER

FIGURE 6-9. LIFT CYLINDER ASSEMBLY - MAIN BOOM (Prior to SN 0300247156)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1683547	Ref	LIFT CYLINDER ASSEMBLY	M
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	1683821	1	Barrel	
2	1683549	1	Rod	
3	3480238	1	Piston	
4	0961901	1	Bushing, Tapered	
5	2220888	1	Plug, O-Ring	
6	1683071	1	Head	
7	3760374	1	Washer, Ring	
8	3932240	1	Capscrew 3/4 x 2-1/2	
10	See Note	NSS	O-Ring (Note: Use Item 40)	
11	See Note	NSS	Ring, Back-up (Note: Use Item 40)	
12	See Note	NSS	Wiper (Note: Use Item 40)	
13	See Note	NSS	Seal, Rod (Note: Use Item 40)	
14	See Note	NSS	O-Ring (Note: Use Item 40)	
15	See Note	NSS	Ring, Back-up (Note: Use Item 40)	
16	See Note	NSS	Ring, Wear (Note: Use Item 40)	
17	See Note	NSS	T-Seal (Note: Use Item 40)	
18	See Note	NSS	Seal (Note: Use Item 40)	
19	0962102	4	Bushing	
21	4640509	1	Cartridge, Valve	
21	2900792	1	Seal Kit - 4640509 Valve	
22	2180615	1	Orifice	
23	0100011	AR	Compound, Locking	
24	4641027	1	Plug, Check Valve	
25	0100038	AR	Primer, Locking	
26	2220883	1	Plug	
30	See Note	NSS	Ring, Wear (Note: Use Item 40)	
31	0630537	3	Bolt	
40	2901514	1	Seal Kit (Includes Items 10-18 & 30)	

SECTION 6 - CYLINDER

FIGURE 6-10. LIFT CYLINDER ASSEMBLY - MAIN BOOM (SN 0300247156 through 0300261401)



ART_1001228010

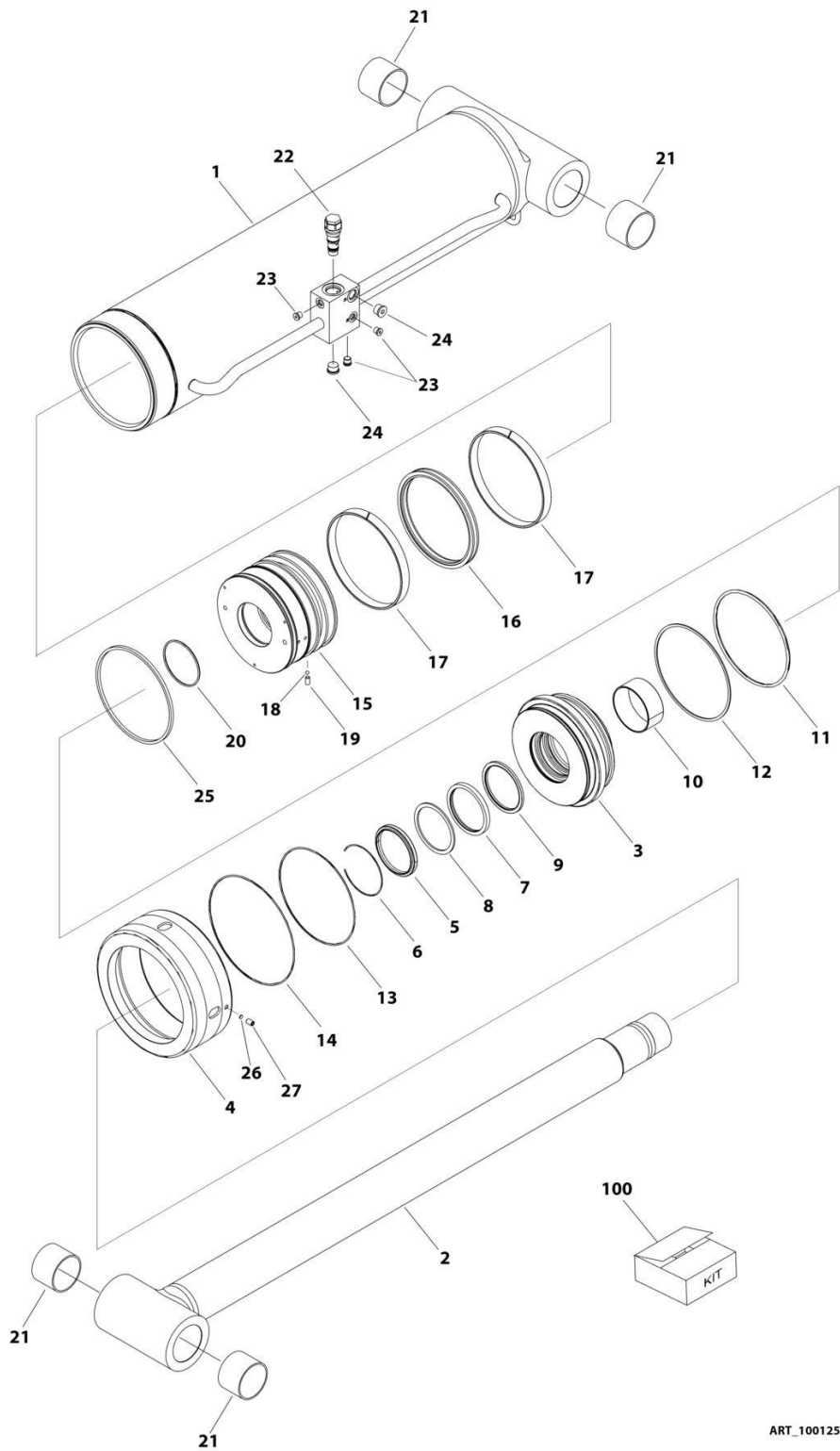
SECTION 6 - CYLINDER

FIGURE 6-10. LIFT CYLINDER ASSEMBLY - MAIN BOOM (SN 0300247156 through 0300261401)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228010	Ref	LIFT CYLINDER ASSEMBLY	C
		Ref	Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Not Available for Purchase)	
2	70006388	1	Rod	
3	70006387	1	Head	
4	70006386	1	Piston	
5	70006385	1	Bushing, Tapered	
6	0630537	3	Bolt	
7	3932240	8	Capscrew 3/4 x 2-1/2	
7	See Note	AR	Compound, Locking (Note: Use Loctite 263)	
8	2220888	1	Plug	
9	4640509	1	Cartridge, Valve	
9	2900792	1	Seal Kit - 4640509 Valve	
10	2220883	1	Plug	
12	4641027	1	Plug, Check Valve	
13	2180615	1	Orifice	
14	70006384	1	Washer, Ring	
15	0962102	4	Bushing	
16	See Note	NSS	Ring, Wear (Note: Use Item 100)	
100	2901514	1	Seal Kit (Includes Items 16 and 101-109)	
101	See Note	NSS	Ring, Wear (Note: Use Item 100)	
102	See Note	NSS	T-Seal (Note: Use Item 100)	
103	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
104	See Note	NSS	O-Ring (Note: Use Item 100)	
105	See Note	NSS	Seal (Note: Use Item 100)	
106	See Note	NSS	O-Ring (Note: Use Item 100)	
107	See Note	NSS	Ring Back-up (Note: Use Item 100)	
108	See Note	NSS	Seal, Rod (Note: Use Item 100)	
109	See Note	NSS	Wiper (Note: Use Item 100)	

SECTION 6 - CYLINDER

FIGURE 6-11. LIFT CYLINDER ASSEMBLY - MAIN BOOM (SN 0300261402 through 0300270863)



ART_1001251010

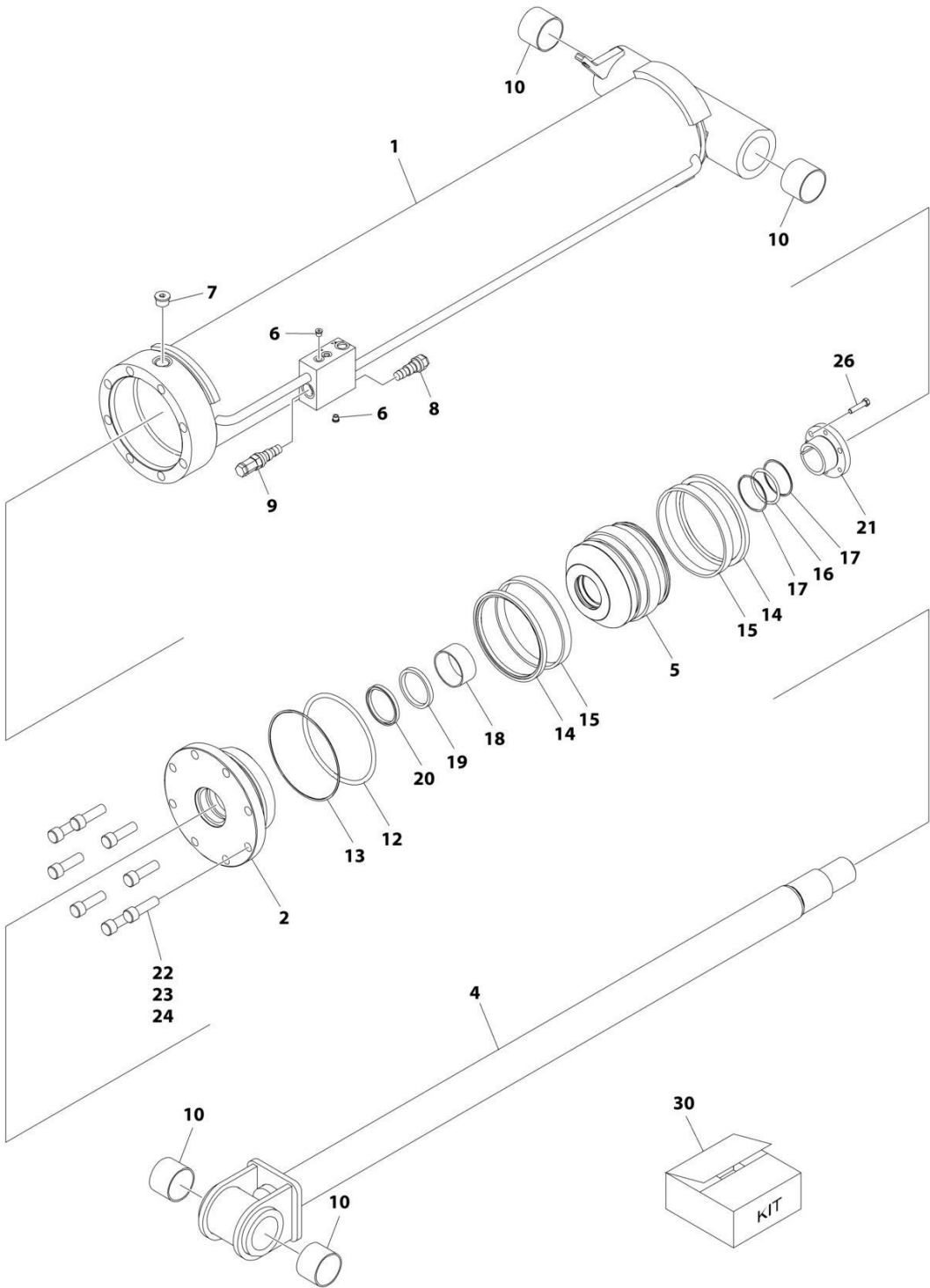
SECTION 6 - CYLINDER

FIGURE 6-11. LIFT CYLINDER ASSEMBLY - MAIN BOOM (SN 0300261402 through 0300270863)

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

SECTION 6 - CYLINDER

FIGURE 6-12. LIFT CYLINDER ASSEMBLY - TOWER BOOM (Prior to SN 0300247156)



ART_1683537

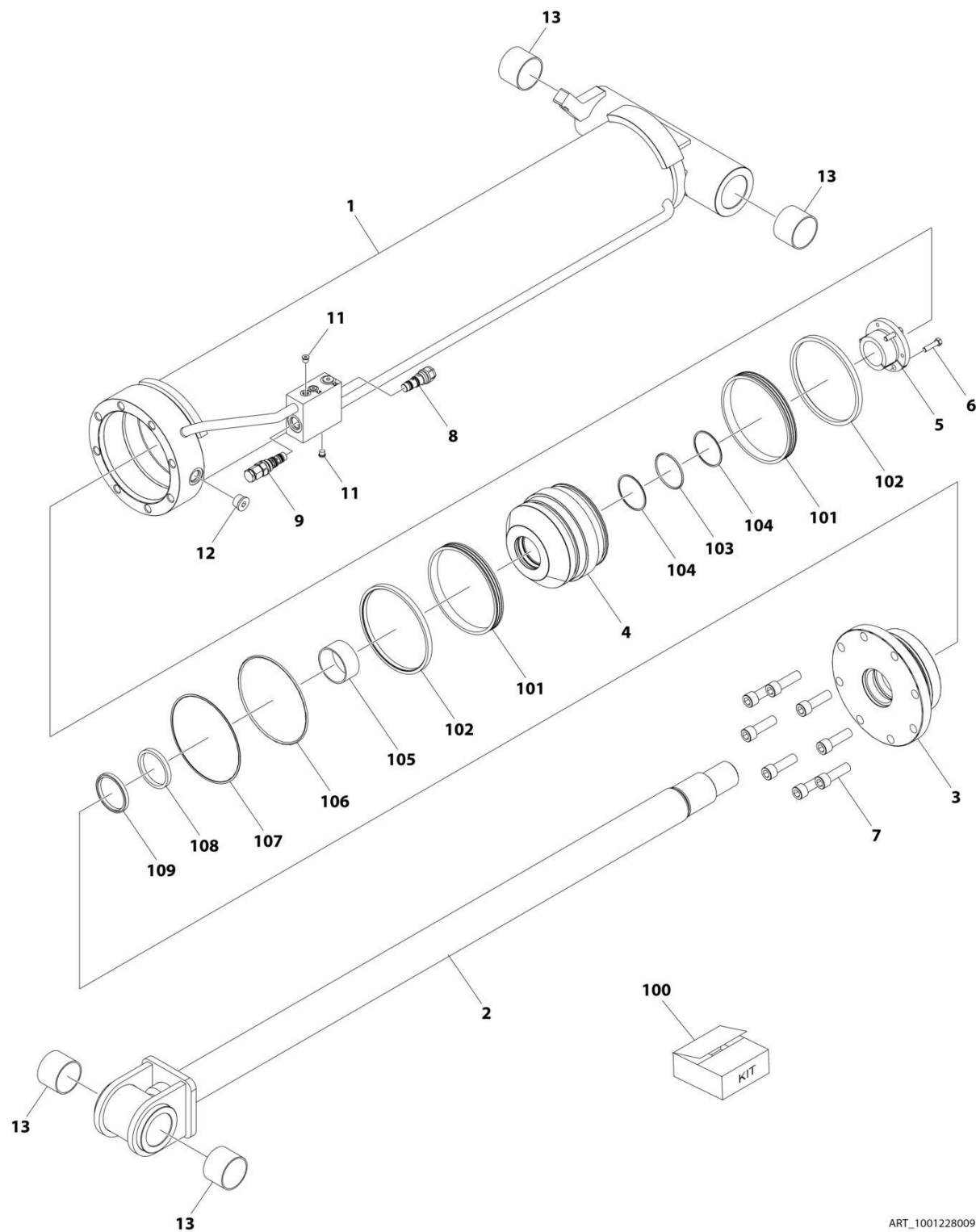
SECTION 6 - CYLINDER

FIGURE 6-12. LIFT CYLINDER ASSEMBLY - TOWER BOOM (Prior to SN 0300247156)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1683537	Ref	LIFT CYLINDER ASSEMBLY	J
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	1683823	1	Barrel	
2	1683818	1	Head	
4	1683539	1	Rod	
5	3480236	1	Piston	
6	2220883	2	Plug, O-Ring	
7	2220888	1	Plug, O-Ring	
8	4640509	1	Cartridge, Valve	
8	2900792	1	Seal Kit - 4640999 Valve	
9	4640605	1	Cartridge, Valve	
9	2900792	1	Seal Kit - 4640605 Valve	
10	0962102	4	Bushing	
12	See Note	NSS	O-Ring (Note: Use Item 30)	
13	See Note	NSS	Ring, Back-up (Note: Use Item 30)	
14	See Note	NSS	Ring, Lock (Note: Use Item 30)	
15	See Note	NSS	Seal (Note: Use Item 30)	
16	See Note	NSS	O-Ring (Note: Use Item 30)	
17	See Note	NSS	Ring, Back-up (Note: Use Item 30)	
18	See Note	NSS	Ring, Wear (Note: Use Item 30)	
19	See Note	NSS	Seal (Note: Use Item 30)	
20	See Note	NSS	Wiper (Note: Use Item 30)	
21	0961903	1	Bushing, Tapered	
22	3932240	8	Capscrew 3/4 x 2-1/2	
23	0100011	AR	Compound, Locking	
24	0100038	AR	Primer, Locking	
26	0630536	3	Bolt	
30	2901537	1	Seal Kit (Includes Items 12-20)	

SECTION 6 - CYLINDER

FIGURE 6-13. LIFT CYLINDER ASSEMBLY - TOWER BOOM (SN 0300247156 through 0300261401)



ART_1001228009

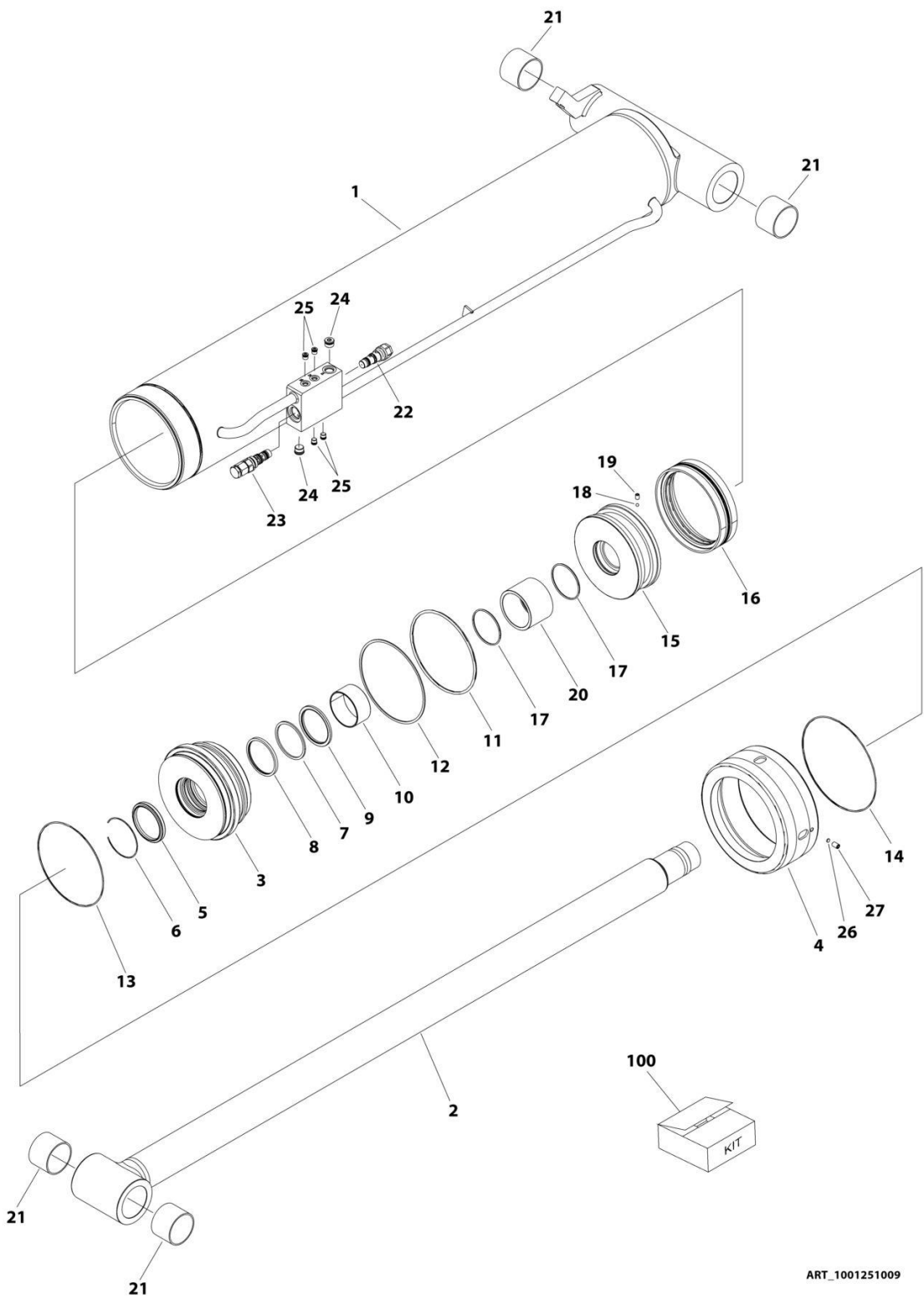
SECTION 6 - CYLINDER

FIGURE 6-13. LIFT CYLINDER ASSEMBLY - TOWER BOOM (SN 0300247156 through 0300261401)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228009	Ref	LIFT CYLINDER ASSEMBLY	C
		Ref	Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Not Available for Purchase)	
2	70006378	1	Rod	
3	70006377	1	Head	
4	70006376	1	Piston	
5	70006375	1	Bushing, Tapered	
6	0630536	3	Bolt	
7	3932240	8	Capscrew 3/4 x 2-1/2	
8	4640509	1	Cartridge, Valve	
8	2900792	1	Seal Kit - 4640999 Valve	
9	4640605	1	Cartridge, Valve	
9	2900792	1	Seal Kit - 4640605 Valve	
11	2220883	4	Plug, O-Ring	
12	2220888	1	Plug, O-Ring	
13	0962102	4	Bushing	
100	2901537	1	Seal Kit (Includes Items 101-109)	
101	See Note	NSS	Seal (Note: Use Item 100)	
102	See Note	NSS	Ring, Lock (Note: Use Item 100)	
103	See Note	NSS	O-Ring (Note: Use Item 100)	
104	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
105	See Note	NSS	Ring, Wear (Note: Use Item 100)	
106	See Note	NSS	O-Ring (Note: Use Item 100)	
107	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
108	See Note	NSS	Seal (Note: Use Item 100)	
109	See Note	NSS	Wiper (Note: Use Item 100)	

SECTION 6 - CYLINDER

FIGURE 6-14. LIFT CYLINDER ASSEMBLY - TOWER BOOM (SN 0300261402 through 0300270863)



ART_1001251009

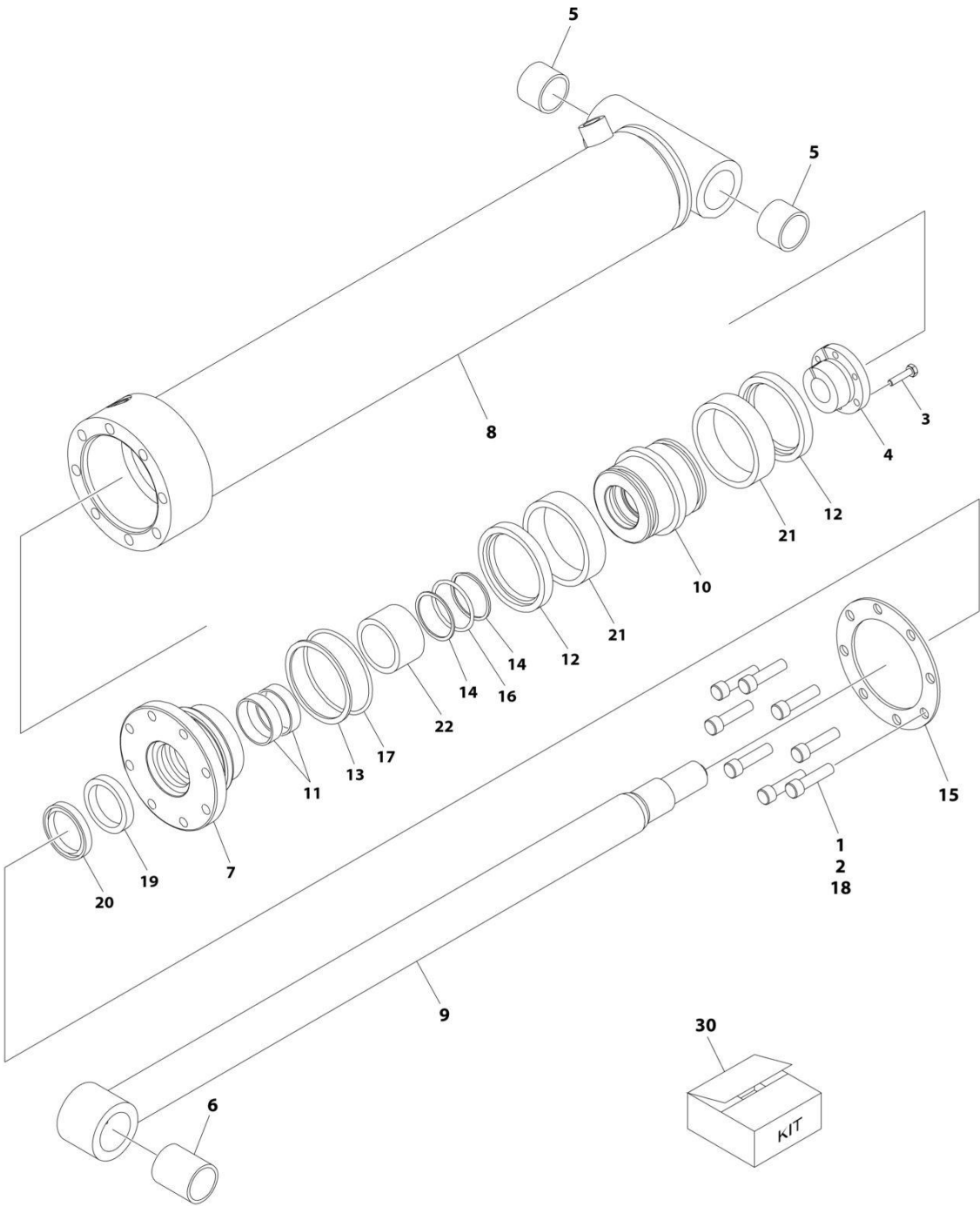
SECTION 6 - CYLINDER

FIGURE 6-14. LIFT CYLINDER ASSEMBLY - TOWER BOOM (SN 0300261402 through 0300270863)

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

SECTION 6 - CYLINDER

FIGURE 6-15. MASTER CYLINDER ASSEMBLY (Prior to SN 0300247156)



ART_1683682

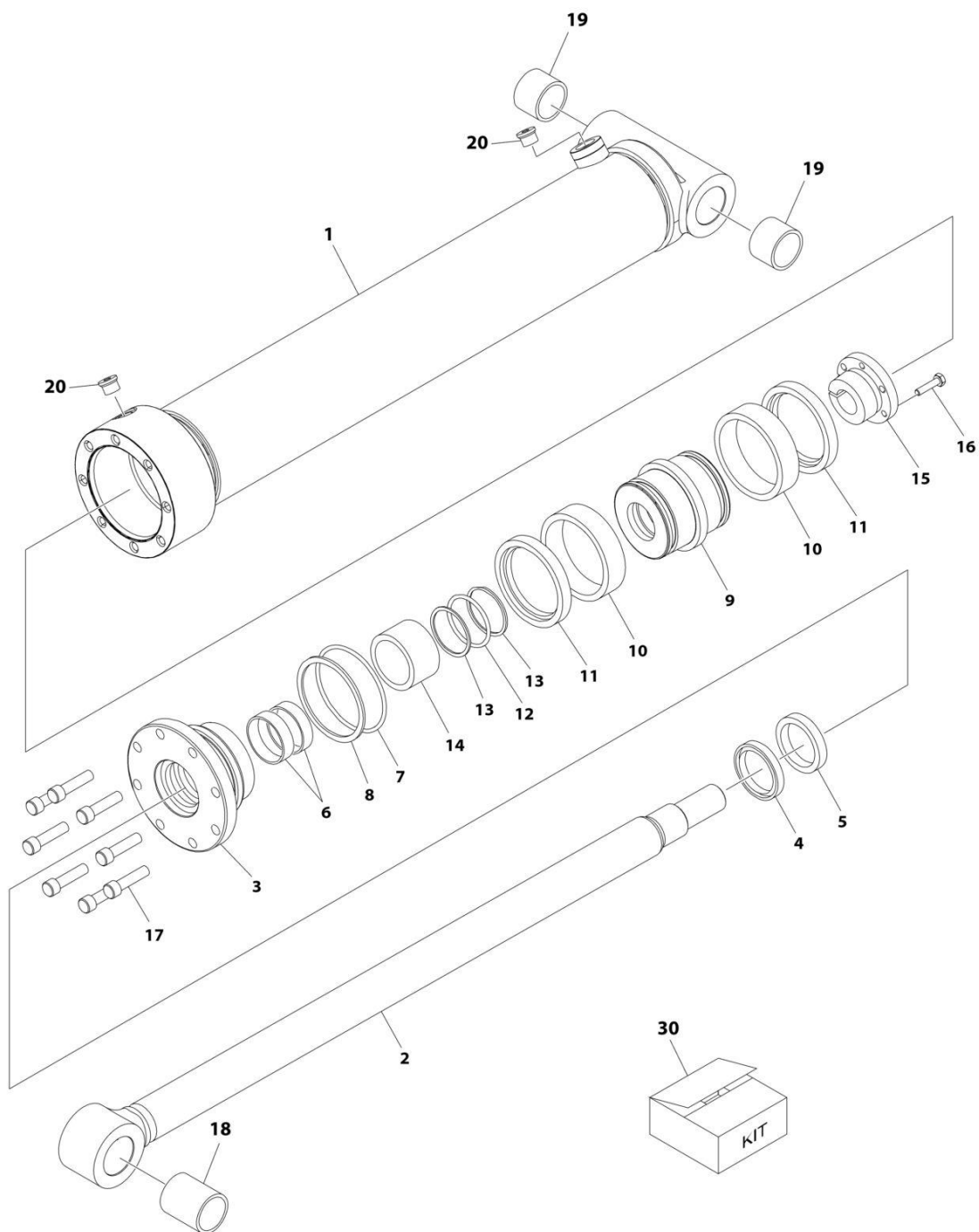
SECTION 6 - CYLINDER

FIGURE 6-15. MASTER CYLINDER ASSEMBLY (Prior to SN 0300247156)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1683682	Ref	MASTER CYLINDER ASSEMBLY	H
		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	0100038	AR	Primer, Locking	
3	0630535	3	Capscrew 1/4 x 1-1/8	
4	0961894	1	Bushing, Tapered	
5	0961951	2	Bushing	
6	0962155	1	Bushing	
7	1683055	1	Head	
8	1684125	1	Barrel	
9	1684126	1	Rod	
10	3480188	1	Piston	
11	See Note	NSS	Ring, Wear (Note: Use Item 30)	
12	See Note	NSS	Ring, Lock (Note: Use Item 30)	
13	See Note	NSS	Ring, Back-up (Note: Use Item 30)	
14	See Note	NSS	Ring, Back-up (Note: Use Item 30)	
15	3760369	1	Ring, Washer	
16	See Note	NSS	O-Ring (Note: Use Item 30)	
17	See Note	NSS	O-Ring (Note: Use Item 30)	
18	3931620	8	Capscrew 3/8 x 1-1/4	
19	See Note	NSS	Seal, Rod (Note: Use Item 30)	
20	See Note	NSS	Wiper (Note: Use Item 30)	
21	See Note	NSS	Seal (Note: Use Item 30)	
22	4566468	1	Spacer, Tube	
30	2901301	1	Seal Kit (Includes Items 11-14, 16, 17 & 19-21)	

SECTION 6 - CYLINDER

FIGURE 6-16. MASTER CYLINDER ASSEMBLY (SN 0300247156 through 0300270863)



ART_1001228050

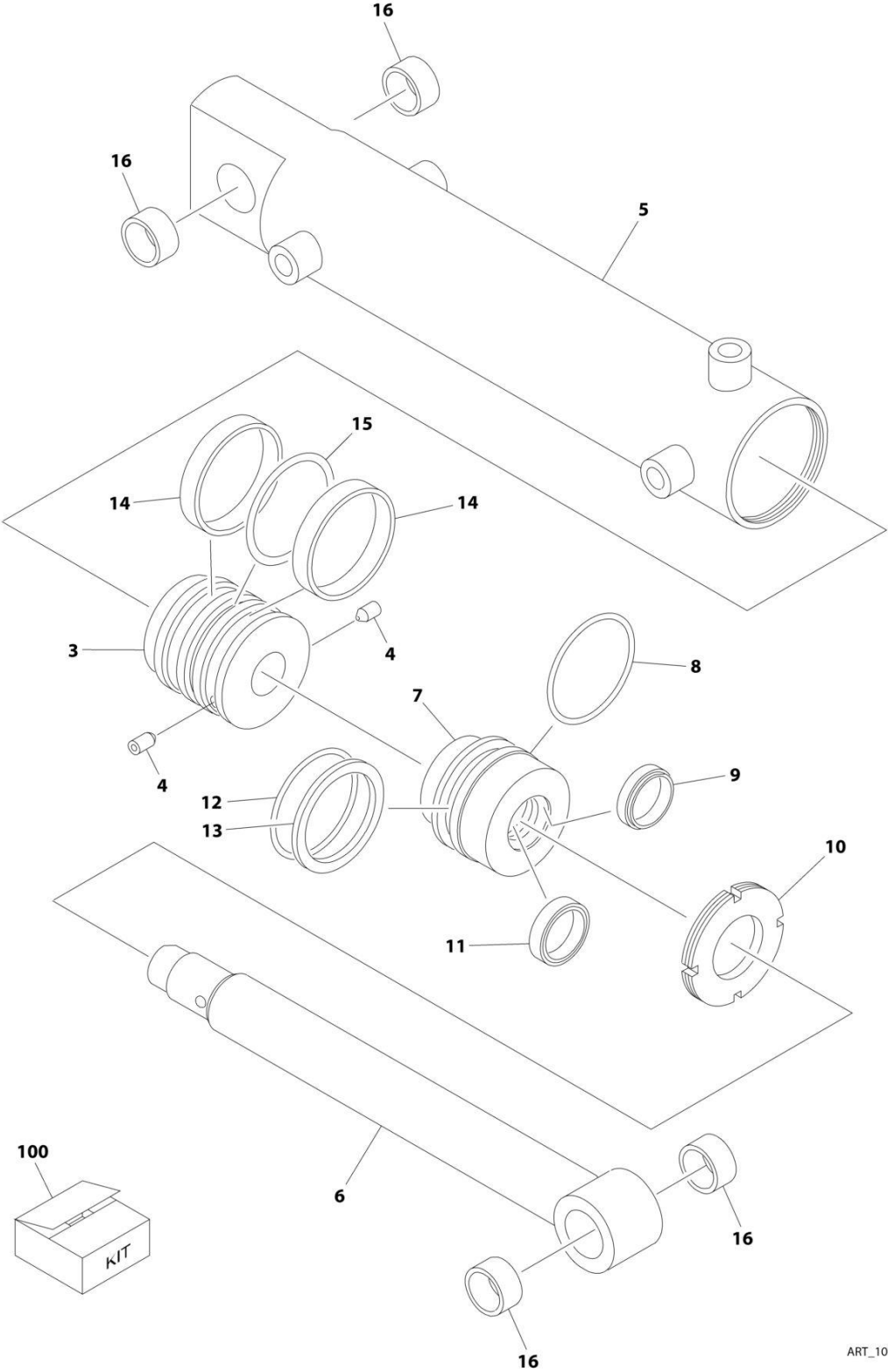
SECTION 6 - CYLINDER

FIGURE 6-16. MASTER CYLINDER ASSEMBLY (SN 0300247156 through 0300270863)

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

SECTION 6 - CYLINDER

FIGURE 6-17. STEER CYLINDER ASSEMBLY



ART_1001150539

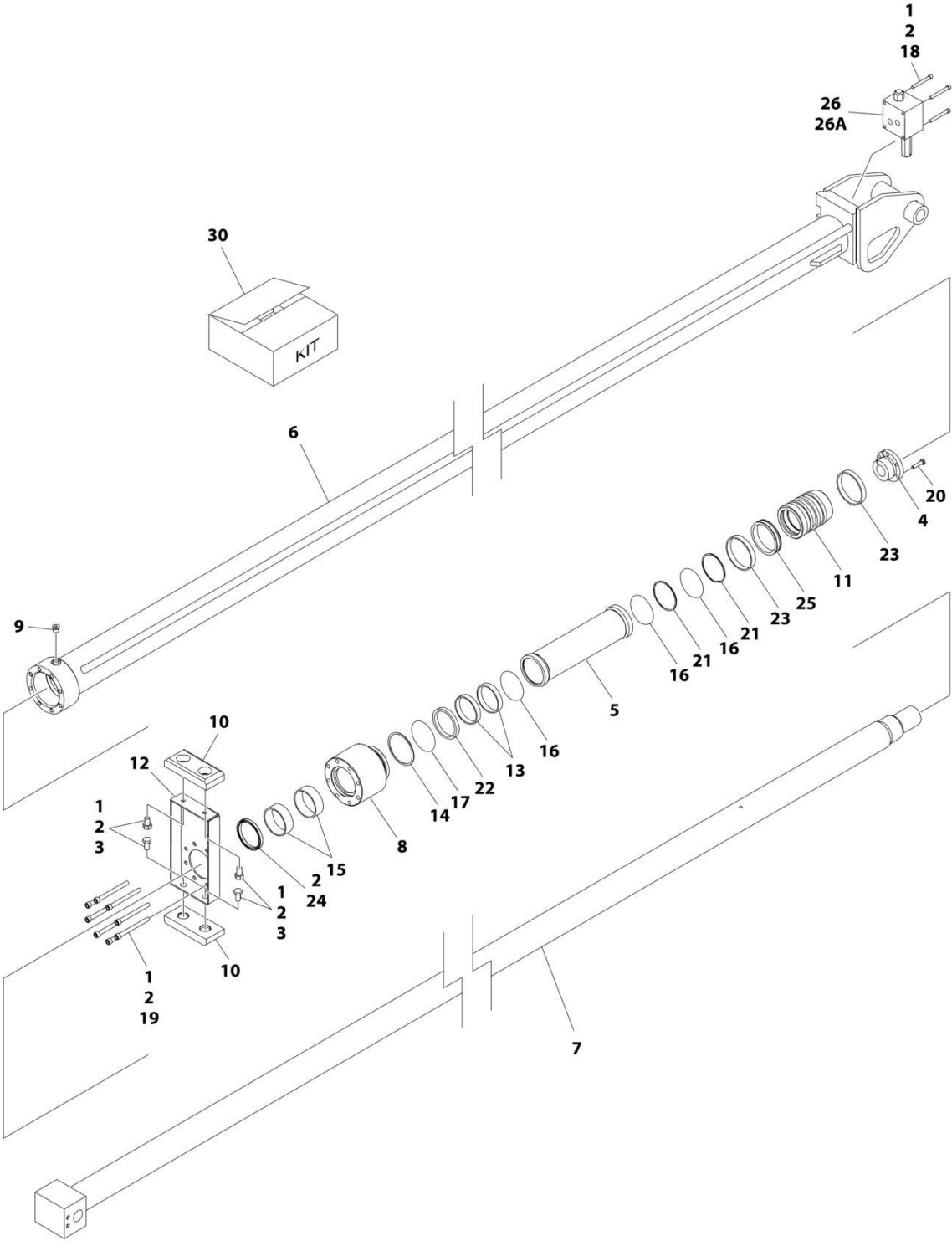
SECTION 6 - CYLINDER

FIGURE 6-17. STEER CYLINDER ASSEMBLY

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

SECTION 6 - CYLINDER

FIGURE 6-18. TELESCOPE CYLINDER ASSEMBLY - MAIN BOOM (Prior to SN 0300247156)



ART_1001149284

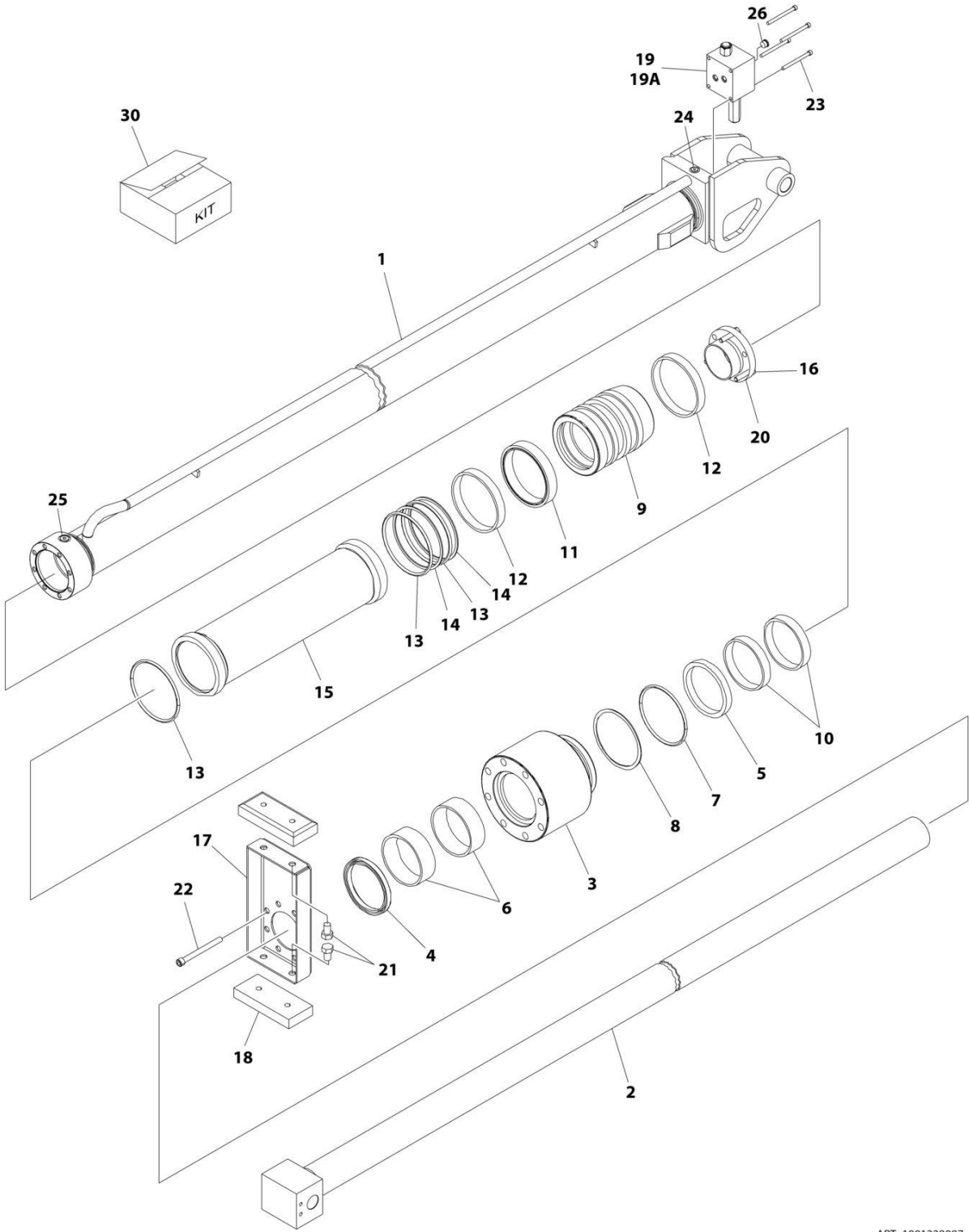
SECTION 6 - CYLINDER

FIGURE 6-18. TELESCOPE CYLINDER ASSEMBLY - MAIN BOOM (Prior to SN 0300247156)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001149284	Ref	TELESCOPE CYLINDER ASSEMBLY	B
		Ref	Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	0100011	AR	Compound, Locking	
2	0100038	AR	Primer, Locking	
3	0641806	4	Bolt 1/2 x 3/4	
4	0961897	1	Bushing, Tapered	
5	0962524	1	Spacer, Tube	
6	1683673	1	Barrel	
7	1683675	1	Rod	
8	1683663	1	Head	
9	2220885	1	Plug, O-Ring	
10	3340838	2	Pad, Wear	
11	3480234	1	Piston	
12	3570775	1	Plate	
13	See Note	NSS	Ring, Wear (Note: Use Item 30)	
14	See Note	NSS	Ring, Back-up (Note: Use Item 30)	
15	See Note	NSS	Ring, Wear (Note: Use Item 30)	
16	See Note	NSS	O-Ring (Note: Use Item 30)	
17	See Note	NSS	O-Ring (Note: Use Item 30)	
18	3931448	4	Capscrew 1/4 x 3	
19	3931664	8	Capscrew 3/8 x 4	
20	0630535	3	Bolt 1/4 x 1-1/8	
21	See Note	NSS	Ring, Back-up (Note: Use Item 30)	
22	See Note	NSS	Seal, Rod (Note: Use Item 30)	
23	See Note	NSS	Ring, Wear (Note: Use Item 30)	
24	See Note	NSS	Wiper (Note: Use Item 30)	
25	See Note	NSS	T-Seal (Note: Use Item 30)	
26	4641033	1	Valve Assembly (No serviceable parts - sold as assembly only)	
26	7024508	2	O-Ring (Between Valve and Cylinder Barrel)	
30	1001149391	1	Seal Kit (Includes Items 13-17 & 21-25)	

SECTION 6 - CYLINDER

FIGURE 6-19. TELESCOPE CYLINDER ASSEMBLY - MAIN BOOM (SN 0300247156 through 0300270863)



ART_1001228087

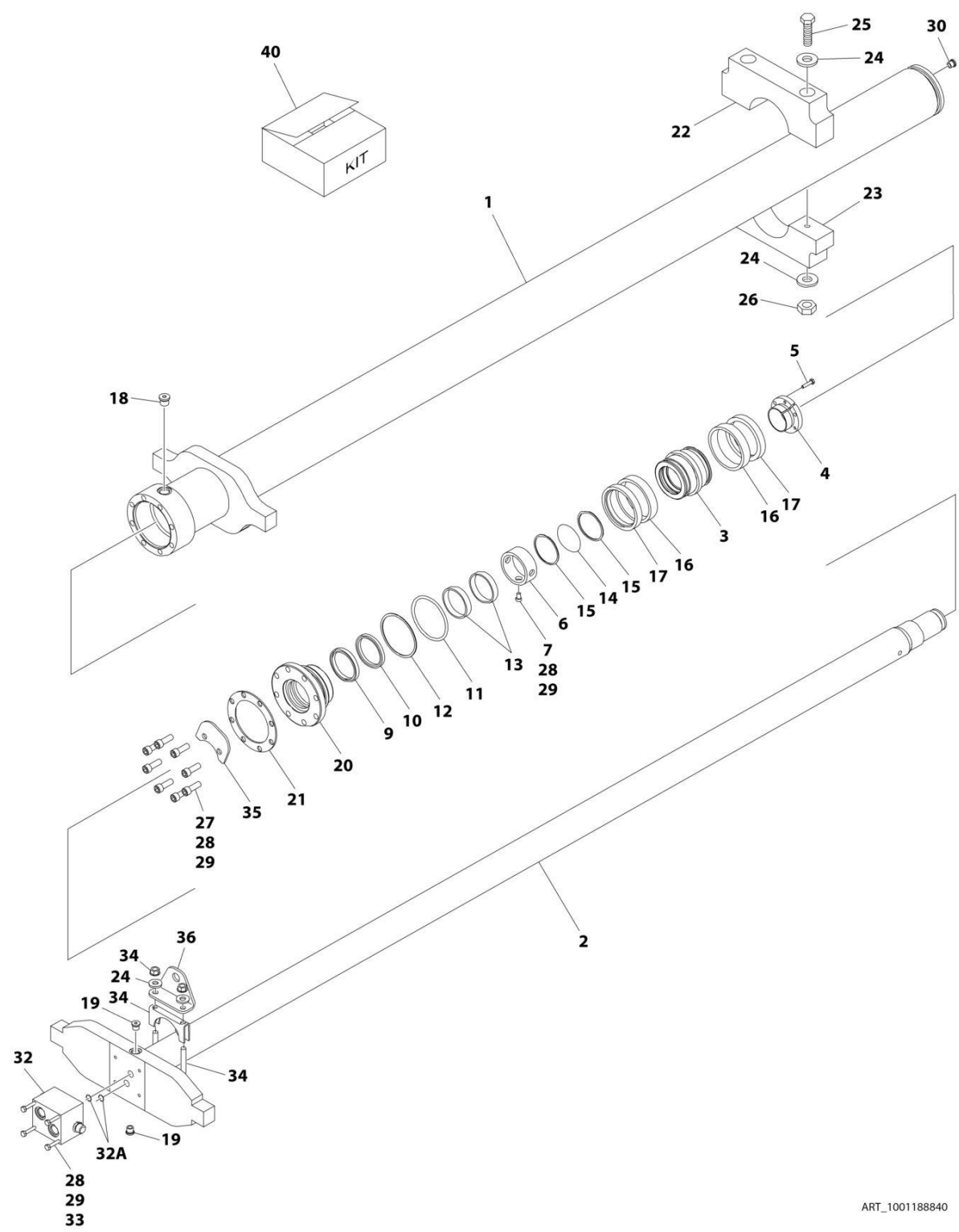
SECTION 6 - CYLINDER

FIGURE 6-19. TELESCOPE CYLINDER ASSEMBLY - MAIN BOOM (SN 0300247156 through 0300270863)

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

SECTION 6 - CYLINDER

FIGURE 6-20. TELESCOPE CYLINDER ASSEMBLY - TOWER BOOM (Prior to SN 0300247156)



ART_1001188840

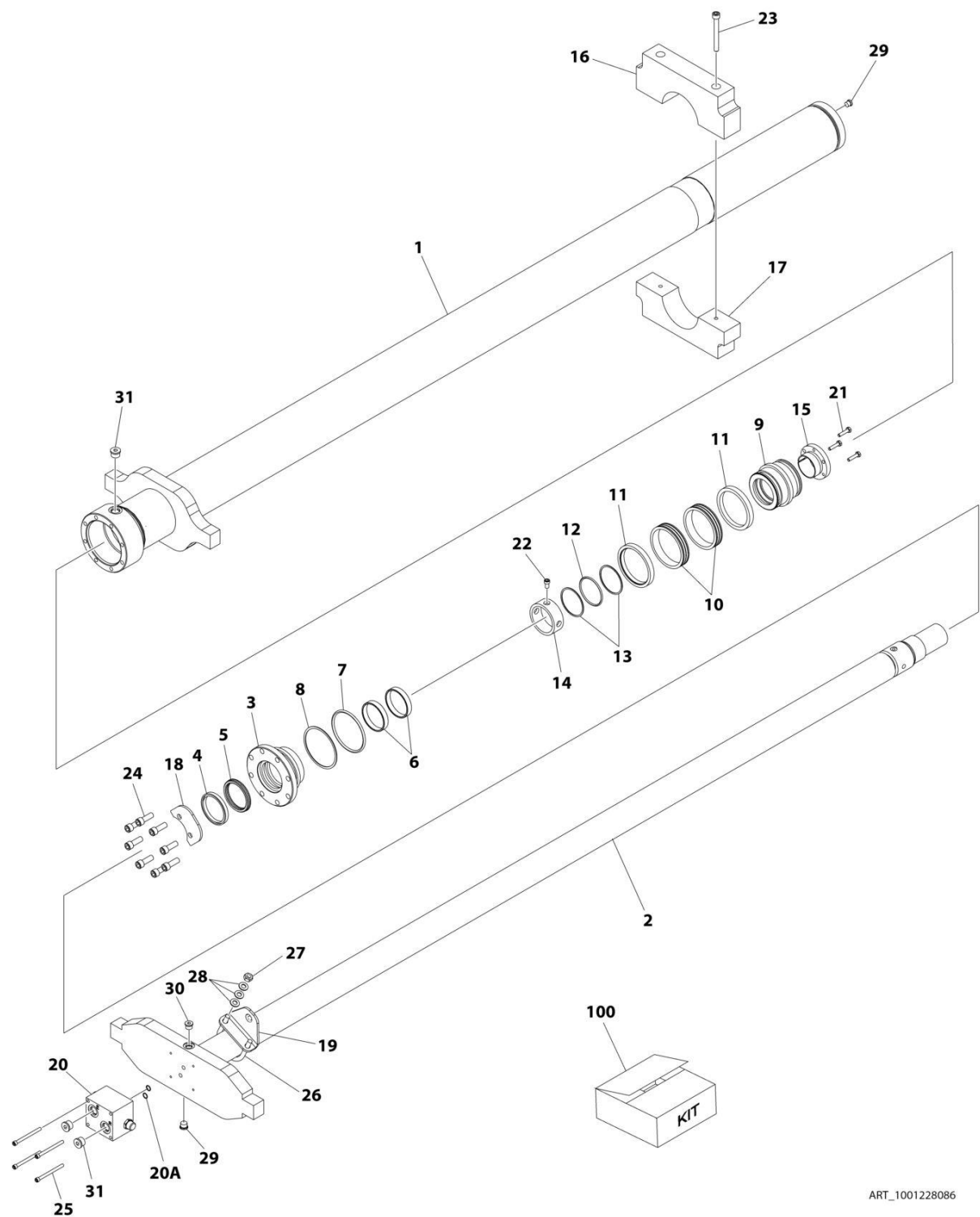
SECTION 6 - CYLINDER

FIGURE 6-20. TELESCOPE CYLINDER ASSEMBLY - TOWER BOOM (Prior to SN 0300247156)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188840	Ref	TELESCOPE CYLINDER ASSEMBLY	C
		Ref	Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	1683632	1	Barrel	
2	1683629	1	Rod	
3	3480211	1	Piston	
4	0961897	1	Bushing, Tapered	
5	0630535	3	Bolt 1/4 x 1-1/8	
6	4567413	1	Spacer, Tube	
7	3931508	1	Capscrew 5/16 x 1/2	
9	See Note	1	Wiper (Note: Use Item 40)	
10	See Note	1	Seal (Note: Use Item 40)	
11	See Note	1	O-Ring (Note: Use Item 40)	
12	See Note	1	Ring, Back-up (Note: Use Item 40)	
13	See Note	1	Ring, Wear (Note: Use Item 40)	
14	See Note	1	O-Ring (Note: Use Item 40)	
15	See Note	1	Ring, Back-up (Note: Use Item 40)	
16	See Note	1	Seal (Note: Use Item 40)	
17	See Note	1	Ring, Lock (Note: use Item 40)	
18	2220886	1	Plug, O-Ring	
19	2220885	2	Plug, O-Ring	
20	1683061	1	Head	
21	3760370	1	Ring, Washer	
22	3340834	1	Pad, Support	
23	3340833	1	Pad, Support	
24	4711600	10	Washer 3/8	
25	0641652	3	Bolt 3/8 x 6-1/2	
26	3271605	2	Nut 3/8	
27	3931720	2	Capscrew 7/16 x 1-1/4	
28	0100038	AR	Primer, Locking	
29	0100011	AR	Compound, Locking	
30	2220883	1	Plug, O-Ring	
32	4641032	1	Valve Assembly (No serviceable parts - sold as assembly only)	
32A	7024397	2	O-Ring (Between Valve and Cylinder Barrel)	
33	3931448	4	Capscrew 1/4 x 3	
34	1320011	1	Clamp	
34	1001228506	1	Clamp	
35	3572604	1	Plate, Proximity Switch Target	
36	3572605	1	Plate, Proximity Switch Mount	
40	2901273	1	Seal Kit (Includes Items 9-17)	

SECTION 6 - CYLINDER

FIGURE 6-21. TELESCOPE CYLINDER ASSEMBLY - TOWER BOOM (SN 0300247156 through 0300270863)



ART_1001228086

SECTION 6 - CYLINDER

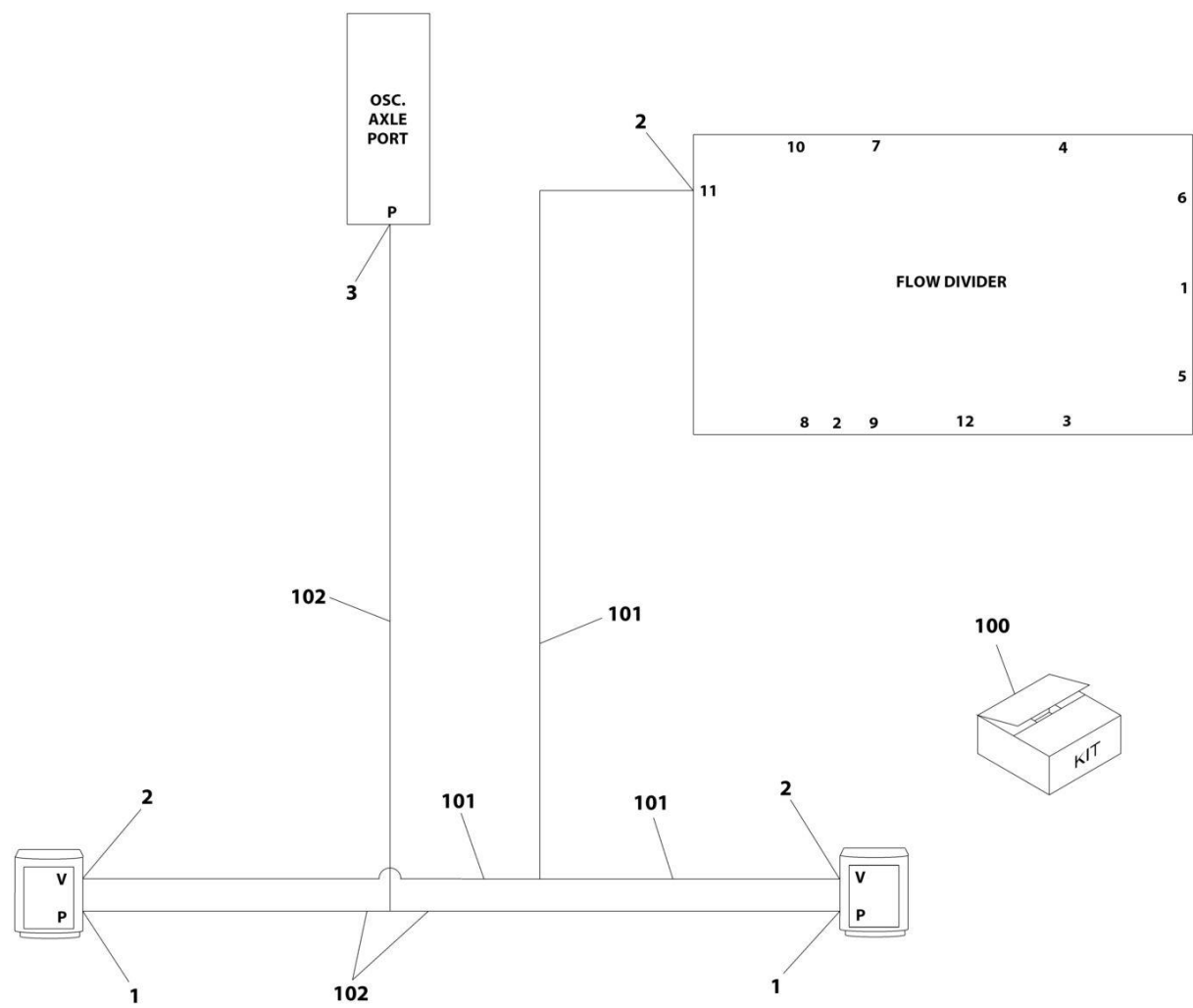
FIGURE 6-21. TELESCOPE CYLINDER ASSEMBLY - TOWER BOOM (SN 0300247156 through 0300270863)

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

SECTION 7 - HYDRAULIC

SECTION 7 - HYDRAULIC

FIGURE 7-1. AXLE LOCKOUT HYDRAULIC DIAGRAM



ART_1001157400

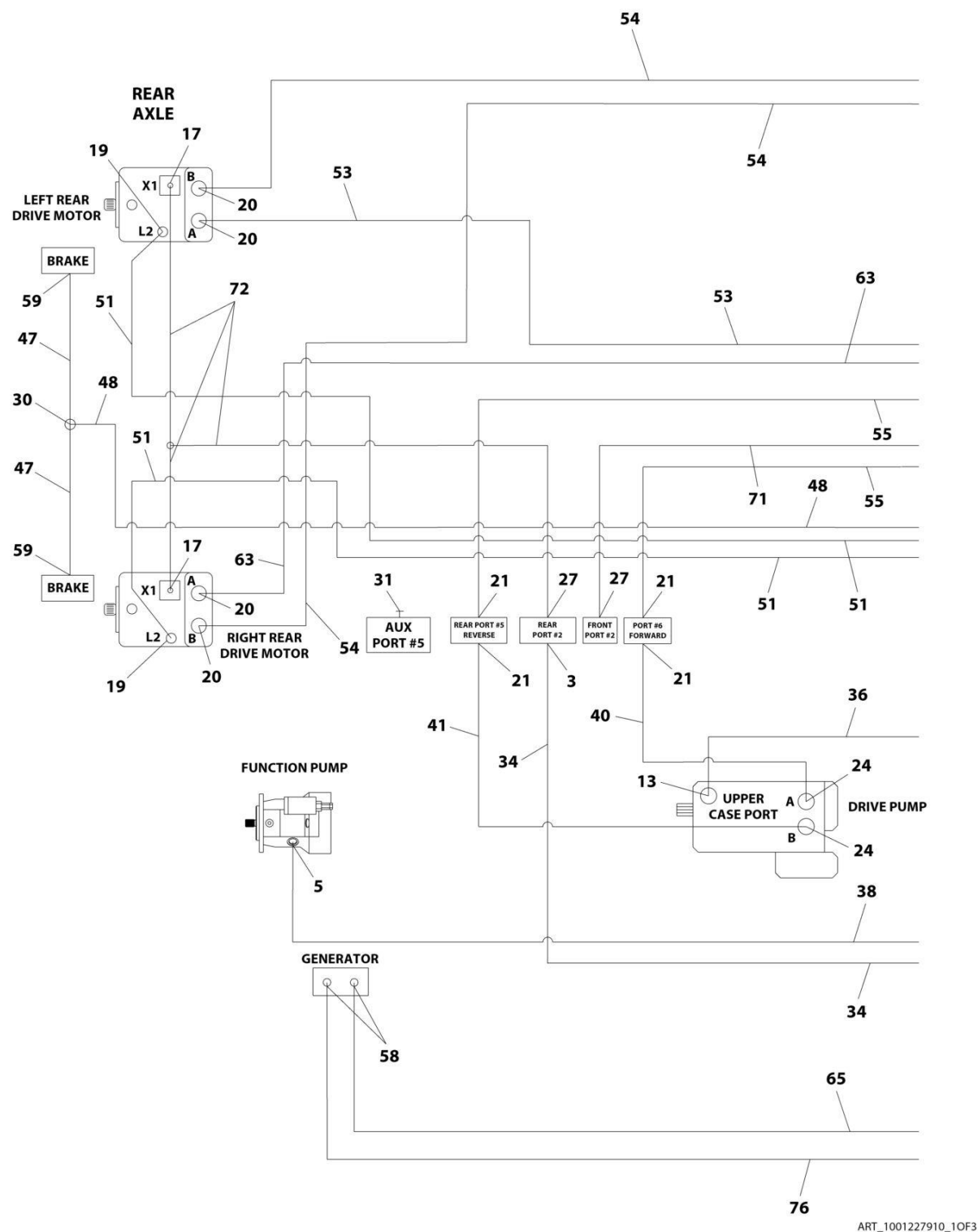
SECTION 7 - HYDRAULIC

FIGURE 7-1. AXLE LOCKOUT HYDRAULIC DIAGRAM

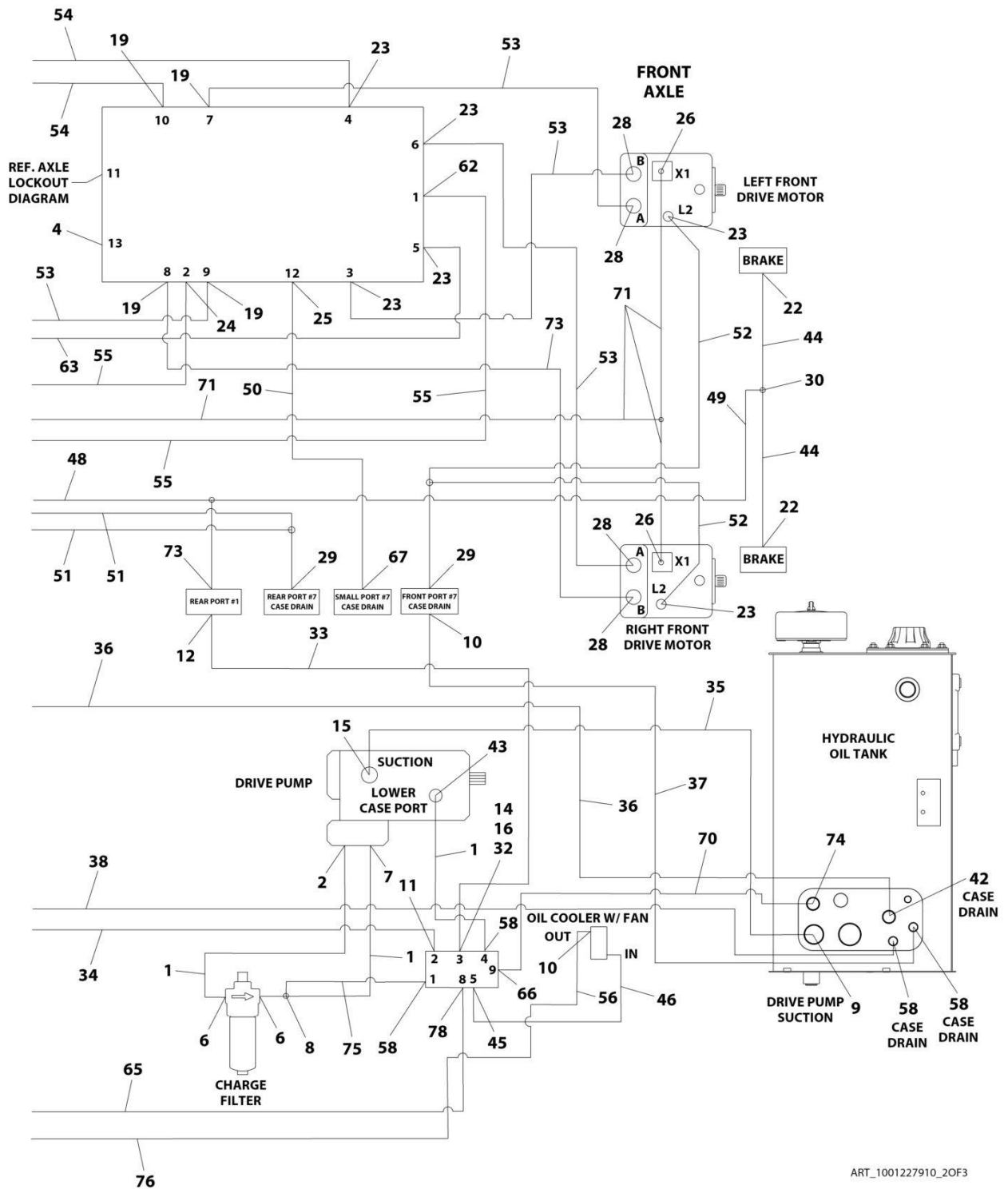
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001157400	Ref	AXLE LOCKOUT HYDRAULIC DIAGRAM	G
1	2110404	2	Fitting, Straight ORFS/ORB	
2	2110606	3	Fitting, Straight ORFS/ORB	
3	2110408	1	Fitting, Straight ORFS/ORB	
100	1001270068	1	Hose Lockout Kit	
101	1001198336	1	Hose with Crimped Tee	
102	1001198339	1	Hose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

SECTION 7 - HYDRAULIC

FIGURE 7-2. DRIVE HYDRAULIC DIAGRAM

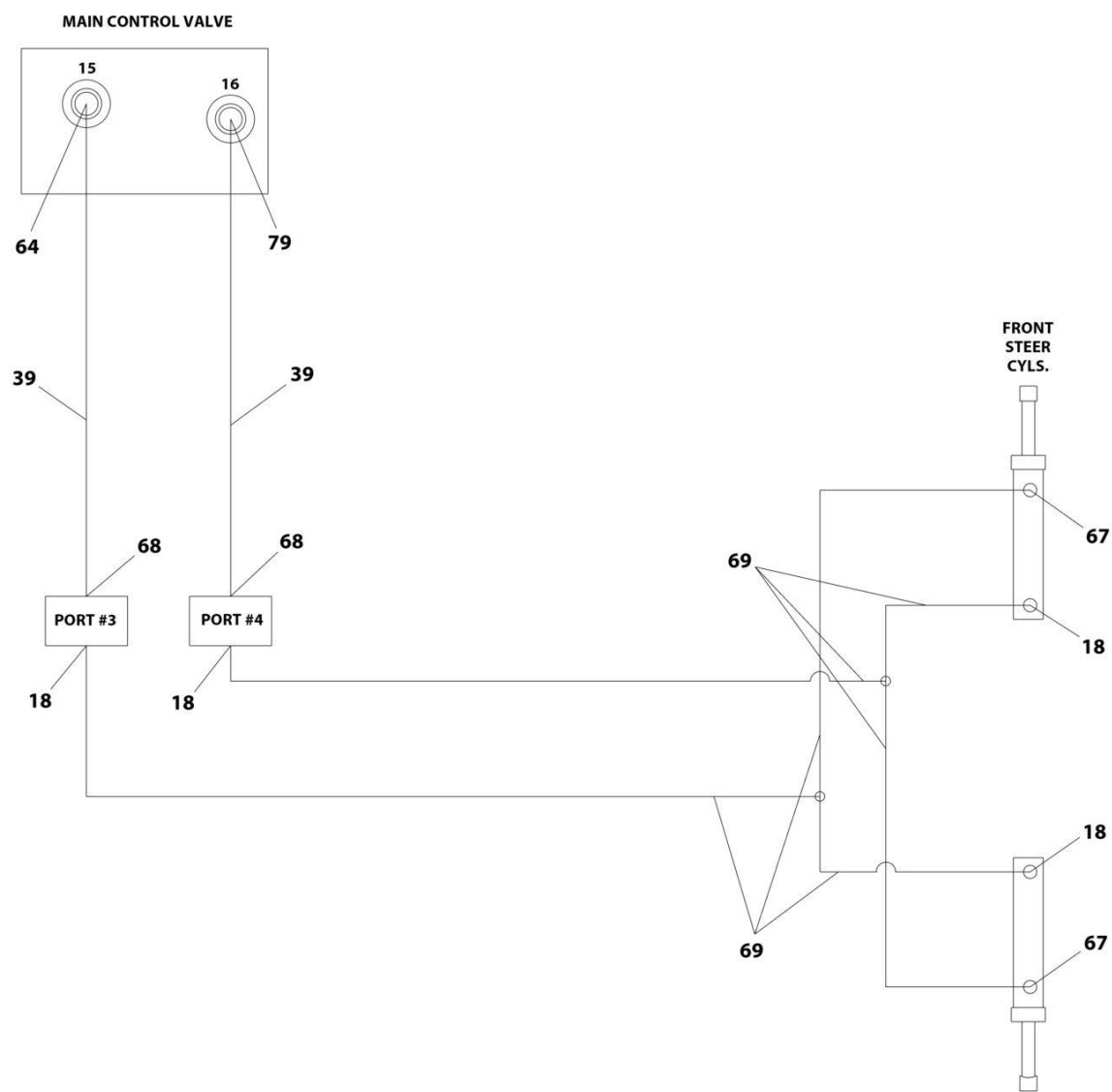


SECTION 7 - HYDRAULIC



ART_1001227910_2OF3

SECTION 7 - HYDRAULIC



ART_1001227910_3OF3

SECTION 7 - HYDRAULIC

FIGURE 7-2. DRIVE HYDRAULIC DIAGRAM

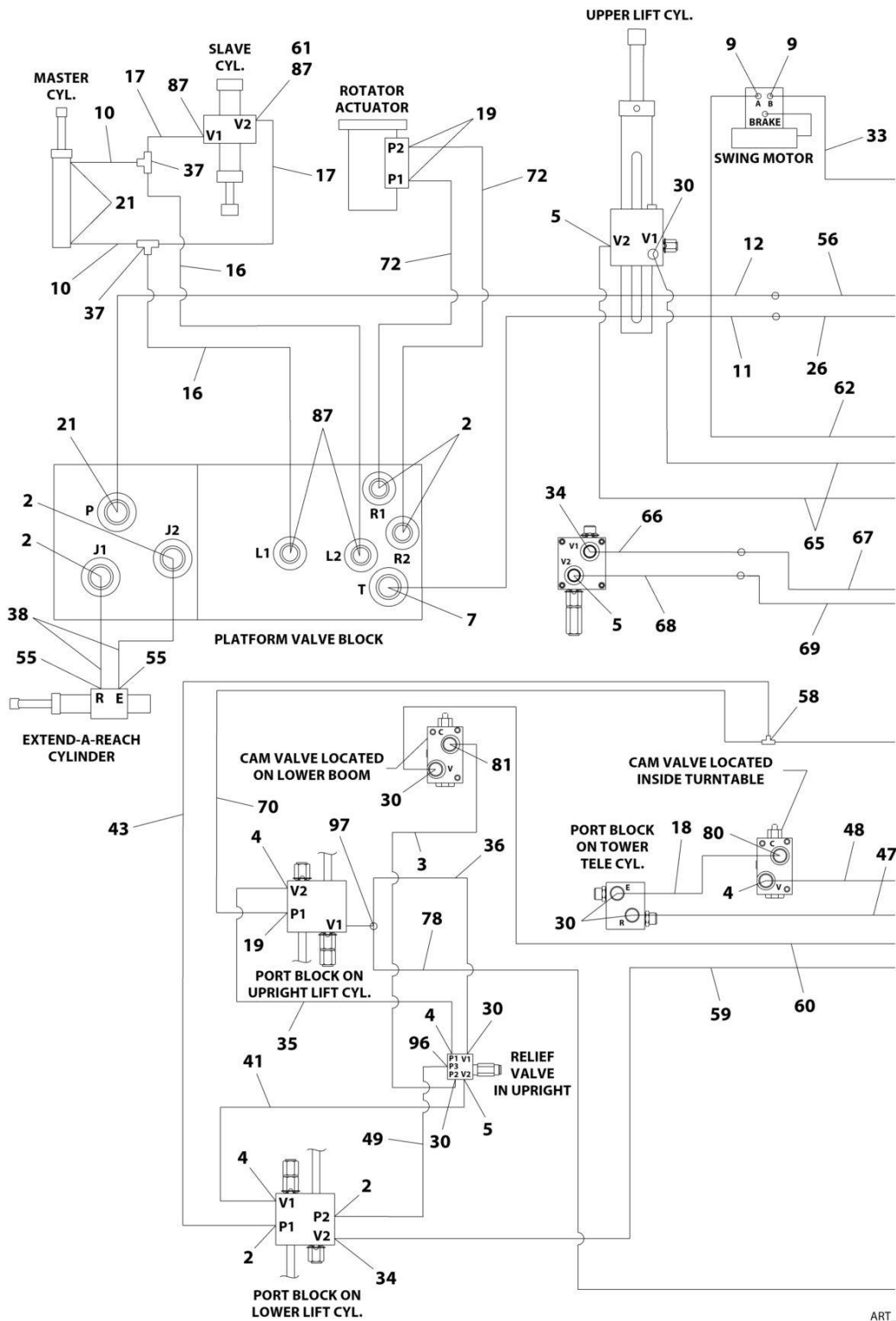
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227910	Ref	DRIVE HYDRAULIC DIAGRAM	E
1	2752494	3	Hose	
2	2220800	1	Fitting, Straight ORB/FL	
3	2220582	1	Fitting, Straight ORB/FL	
4	2220238	1	Fitting, Plug ORB	
5	2220671	1	Fitting, 90 JIC/ORB	
6	2220366	2	Fitting, 90 ORB	
7	2220374	1	Fitting, Straight JIC/ORB	
8	2220385	1	Fitting, Tee JIC	
9	2220380	1	Fitting, Straight ORB/FL	
10	2220375	3	Fitting, Straight ORB/FL	
11	2221040	1	Fitting, 45 JIC/ORB	
12	2220468	1	Fitting, Straight ORB/FL	
13	2220578	1	Fitting, 90 JIC/ORB	
14	1001228696	1	Fitting, Straight FORB/ORB	
15	8770050	1	Fitting, 90 JIC/ORB	
16	4641284	1	Valve, Check	
17	2110406	2	Fitting, Straight ORFS/ORB	
18	2110606	4	Fitting, Straight ORFS/ORB	
19	2110808	6	Fitting, Straight ORFS/ORB	
20	2110812	4	Fitting, Straight ORFS/ORB	
21	2111616	4	Fitting, Straight ORFS/ORB	
22	2110404	2	Fitting, Straight ORFS/ORB	
23	2130808	6	Fitting, 90 ORFS/ORB	
24	2131616	3	Fitting, 90 ORFS/ORB	
25	2130604	1	Fitting, 90 ORFS/ORB	
26	2130406	2	Fitting, 90 ORFS/ORB	
27	2150406	2	Fitting, 45 ORFS/ORB	
28	2110812	4	Fitting, 45 ORFS/ORB	
29	2170408	2	Fitting, Tee ORFS/ORFS/ORB	
30	2170504	2	Fitting, Tee ORFS	
31	2220237	1	Fitting, Plug ORB	
32	2220654	1	Fitting, 90 JIC/FSJIC	
33	2752997	1	Hose	
34	2751399	1	Hose	
35	2752754	1	Hose	
36	1001188135	1	Hose	
37	2751500	1	Hose	
38	2752938	1	Hose	
39	2752489	2	Hose	
40	1001156332	1	Hose	
41	1001156333	1	Hose	
42	2220451	1	Fitting, Straight JIC/ORB	
43	2221077	1	Fitting, 45	
44	2754512	2	Hose	
45	2220500	1	Fitting, 45 JIC/ORB	
46	1001196297	1	Hose	
47	2754337	2	Hose	
48	2753622	1	Hose	
49	2753542	1	Hose	

SECTION 7 - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	2753626	1	Hose	
51	2753686	2	Hose	
52	2753628	2	Hose	
53	2753970	4	Hose	
54	2753971	2	Hose	
55	2753634	2	Hose	
56	1001228678	1	Hose	
58	2220373	6	Fitting, Straight JIC/ORB	
59	2110404	2	Fitting, Straight ORFS/ORB	
62	2151616	1	Fitting, 90 ORFS/ORB	
63	2754338	1	Hose	
64	2220371	1	Fitting, Straight JIC/ORB	
65	1001228679	1	Hose	
66	2221050	1	Fitting, 45 JIC/ORB	
67	2130606	3	Fitting, 90 ORFS/ORB	
68	2220473	2	Fitting, 90 ORB/FL	
69	1001198333	2	Hose with Crimped Tee	
70	2752765	1	HOSE ASSY, 5/8 X 84" STR X 90S	
71	1001198341	1	Hose with Crimped Tee	
72	1001198340	1	Hose with Crimped Tee	
73	1001198338	1	Fitting, Tee ORFS/ORB	
74	2220906	1	Fitting, 90 JIC/ORB (Prior to SN 0300253862)	
74	2220865	1	Adapter, Straight/JIC (SN 0300253862 through 0300270863)	
75	2752493	1	Hose	
76	2220683	1	Fitting, 45 JIC/FSJIC	
77	1001233573	1	Hose	
78	2220499	1	Fitting, 45 JIC/ORB	
79	2220371	1	Fitting, Straight JIC/ORB (Prior to SN 0300253862)	
79	2220998	1	Adapter, Straight/JIC (SN 0300253862 through 0300270863)	

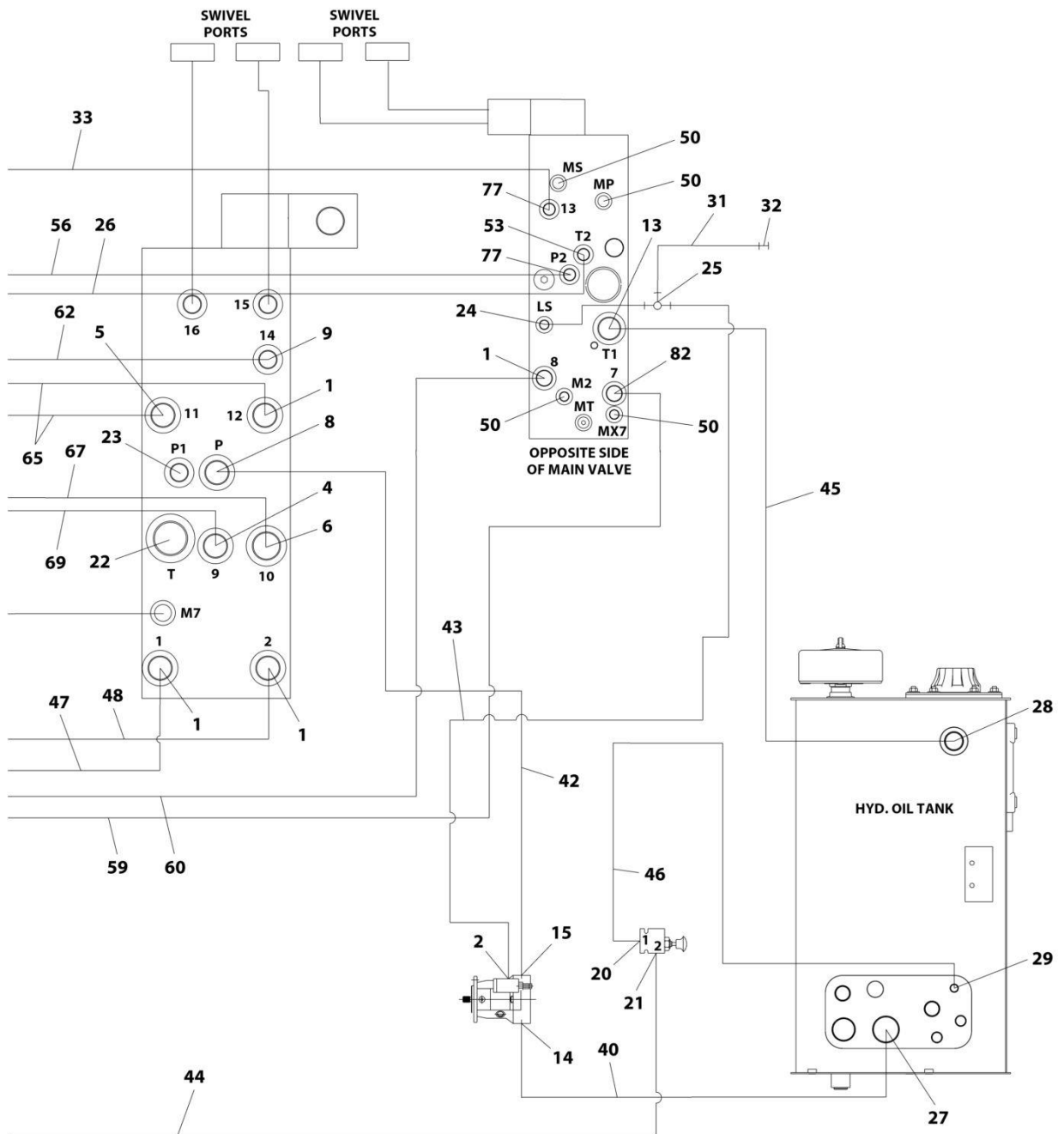
SECTION 7 - HYDRAULIC

FIGURE 7-3. STANDARD HYDRAULIC DIAGRAM



ART_1001227892_10F2

SECTION 7 - HYDRAULIC



ART_1001227892_2OF2

SECTION 7 - HYDRAULIC

FIGURE 7-3. STANDARD HYDRAULIC DIAGRAM

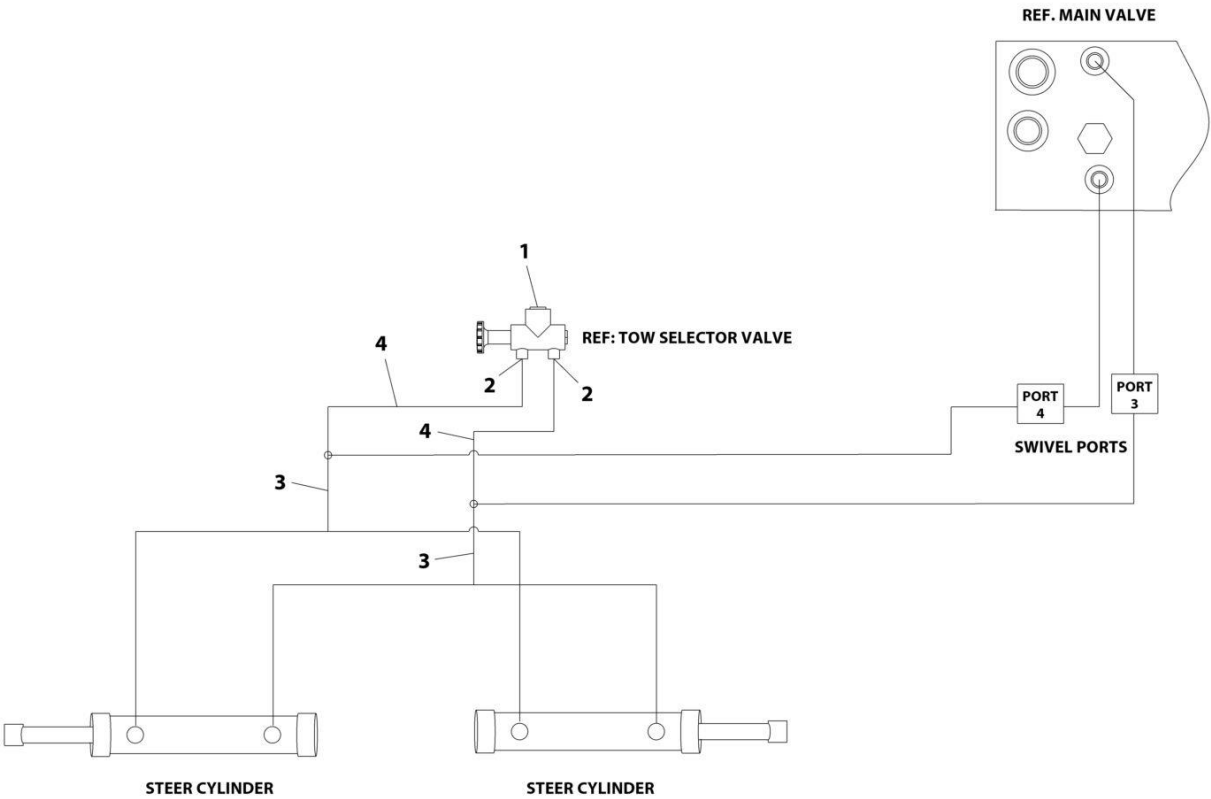
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227892	Ref	STANDARD HYDRAULIC DIAGRAM	D
1	2220381	AR	Fitting, Straight ORB/JIC	
2	2220415	AR	Fitting, Straight ORB/JIC	
3	2753199	1	Hose	
4	2220373	AR	Fitting, Straight ORB/JIC	
5	2220500	3	Fitting, 45 ORB/JIC	
6	2220947	1	Fitting, Straight ORB/JIC (Prior to SN 0300253862)	
6	88662037	1	Adapter, Straight/JIC (SN 0300253862 through 0300270863)	
7	2220600	1	Adapter, Straight/JIC	
8	2220593	1	Fitting, Straight ORB/JIC	
9	2220371	3	Fitting, Straight ORB/JIC	
10	2753126	2	Hose	
11	1001179546	1	Hose	
12	1001179545	1	Hose	
13	1001179329	1	Hose	
14	2220737	1	Split Flange	
15	2220478	1	Split Flange	
16	1001155673	2	Hose	
17	1001119602	2	Hose	
18	2753200	1	Hose	
19	2220466	2	Fitting, 90 ORB/JIC	
20	2220582	1	Fitting, Straight ORB/JIC	
21	2220473	4	Fitting, 90 ORB/JIC	
22	2220240	1	Fitting, Plug ORB	
23	2220237	1	Fitting, Plug ORB	
24	2220923	1	Fitting, Straight ORB/JIC (SN 0300247156 through 0300270863)	
25	2220605	1	Fitting, Tee JIC/FSJIC/JIC (SN 0300247156 through 0300270863)	
26	1001182162	1	Hose	
27	2220765	1	Fitting, Straight ORB/FL	
28	2220377	1	Fitting, Straight JIC/ORB	
29	2220582	1	Fitting, Straight JIC/ORB	
30	2220596	6	Fitting, 90 ORB/FL	
31	2752995	1	Hose (SN 0300247156 through 0300270863)	
32	91143177	1	Fitting, Test (SN 0300247156 through 0300270863)	
33	2752461	1	Hose	
34	2220852	2	Fitting, Straight ORB/FL	
35	2753197	1	Hose	
36	2753196	1	Hose	
37	2220490	2	Fitting, Tee FL/FL	
38	2753442	2	Hose	
40	1001179079	1	Hose	
41	2753195	1	Hose	
42	2753231	1	Hose	
43	2753010	2	Hose	
44	2752468	1	Hose	
45	2752723	1	Hose	
46	2753274	1	Hose	
47	2753192	1	Hose	
48	2752494	1	Hose	

SECTION 7 - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49	2753008	1	Hose	
50	2221086	4	Fitting, Test	
53	1001136881	1	Fitting, 45 ORB/FG	
55	2220472	2	Fitting, 90 ORB/FL	
56	2753123	1	Hose	
58	2221034	1	Fitting, Tee FL/FL/ORB	
59	2752768	1	Hose	
60	2752930	1	Hose	
61	4567139	1	Tube	
62	2752484	1	Hose	
65	2753189	2	Hose	
66	2752767	1	Hose	
67	2752766	1	Hose	
68	2753190	1	Hose	
69	2753191	1	Hose	
70	2752978	1	Hose	
72	1001159707	2	Hose	
77	2220501	2	Fitting, 45 ORB/FL	
78	4567757	1	Tube	
79	4100062	4	Protection, Hose (Not Shown - Located at Tower Boom Power Track)	
80	2220947	1	Fitting, O-Ring FL	
81	2221036	1	Fitting, 90 ORB/FL	
82	2220950	1	Fitting, 45 ORB/FL	
87	2220603	4	Fitting, Straight ORB/FL	
96	2220468	1	Fitting, Straight JIC/ORB	
97	1001215289	1	Fitting, Tee JIC/ORB/JIC	

SECTION 7 - HYDRAULIC

FIGURE 7-4. TOW HYDRAULIC DIAGRAM



ART_1001157401

SECTION 7 - HYDRAULIC

FIGURE 7-4. TOW HYDRAULIC DIAGRAM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001157401	Ref	TOW HYDRAULIC DIAGRAM	B
1	2220238	1	Fitting, Plug ORB	
2	2110608	2	Fitting, Straight ORFS/ORB	
3	2170706	2	Fitting, Tee ORFS/ORFS/ORFS	
4	2753879	2	Hose	

SECTION 7 - HYDRAULIC

FIGURE 7-5. 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.	
	1001157400	Ref	Axle Lockout Hydraulic Diagram (Machines with Oscillating Axle)	
	1001227910	Ref	Drive Hydraulic Diagram	
	1001227892	Ref	Standard Hydraulic Diagram	
	1001227160	Ref	Standard Hydraulic Schematic	
	1001157401	Ref	Tow Package Hydraulic Diagram	

SECTION 8 - ELECTRICAL

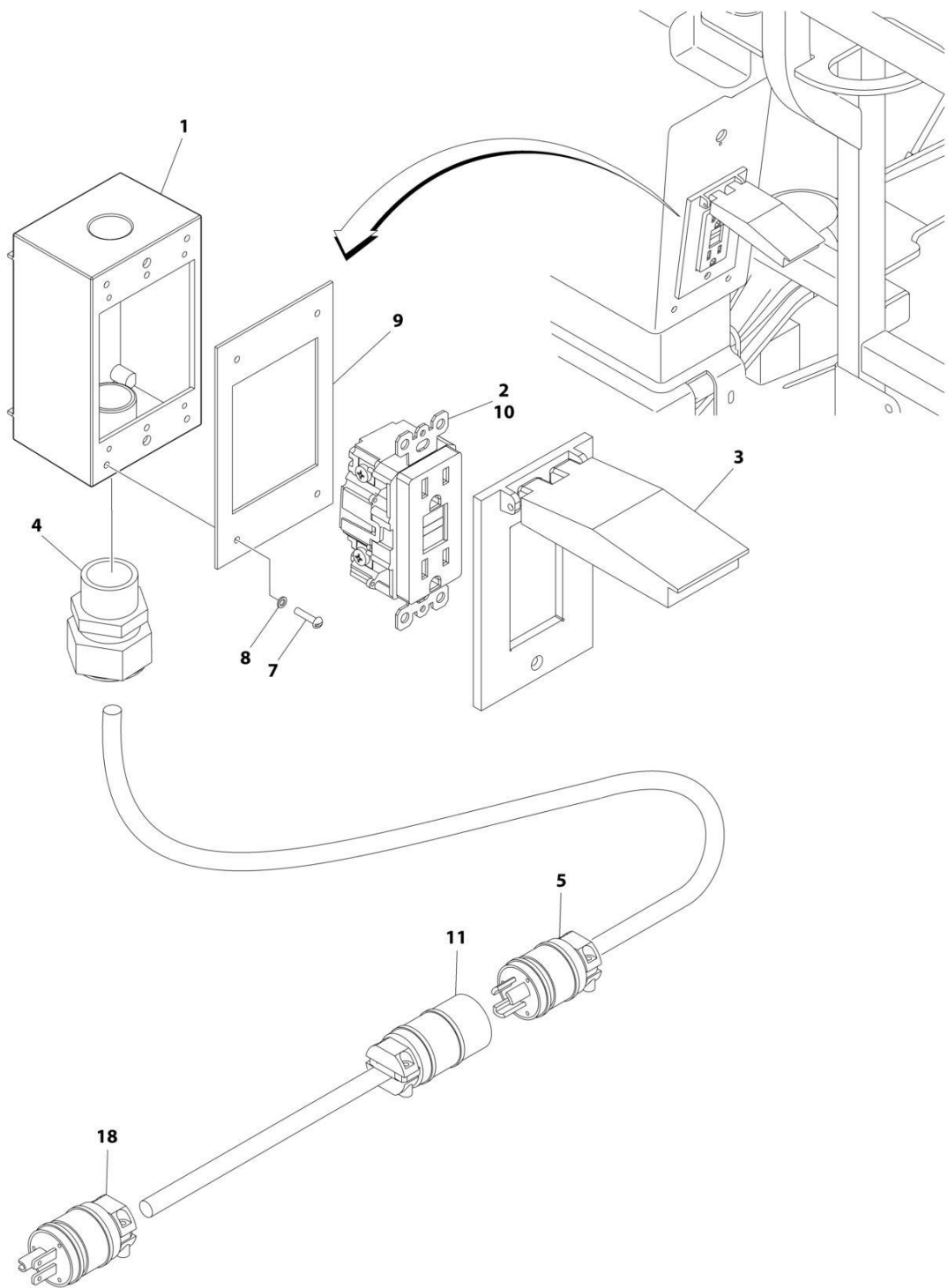
SECTION 8 - ELECTRICAL

FIGURE 8-1. ELECTRICAL DIAGRAM LIST

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: Information on Diagrams Not Shown is Available from JLG Service/Parts Department. Schematics Shown in the Service and Maintenance Manual.	
	1001194437	Ref	Generator (4000W/50Hz) Electrical Diagram (ANSI Export, China and Japanese Specs)	
	1001159648	Ref	Generator (4000W/50Hz) Electrical Diagram (Australian Specs)	
	1001153025	Ref	Generator (4000W/50Hz) Electrical Diagram - 110V (CE Specs)	
	1001160271	Ref	Generator (4000W/50Hz) Electrical Diagram - 220V (CE Specs)	
	1001231260	Ref	Generator (7500W) Electrical Diagram	
	4933218	Ref	Soft Touch Electrical Diagram	
	1001221692	Ref	Standard Electrical Schematic Diagram	

SECTION 8 - ELECTRICAL

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



ART_0272259

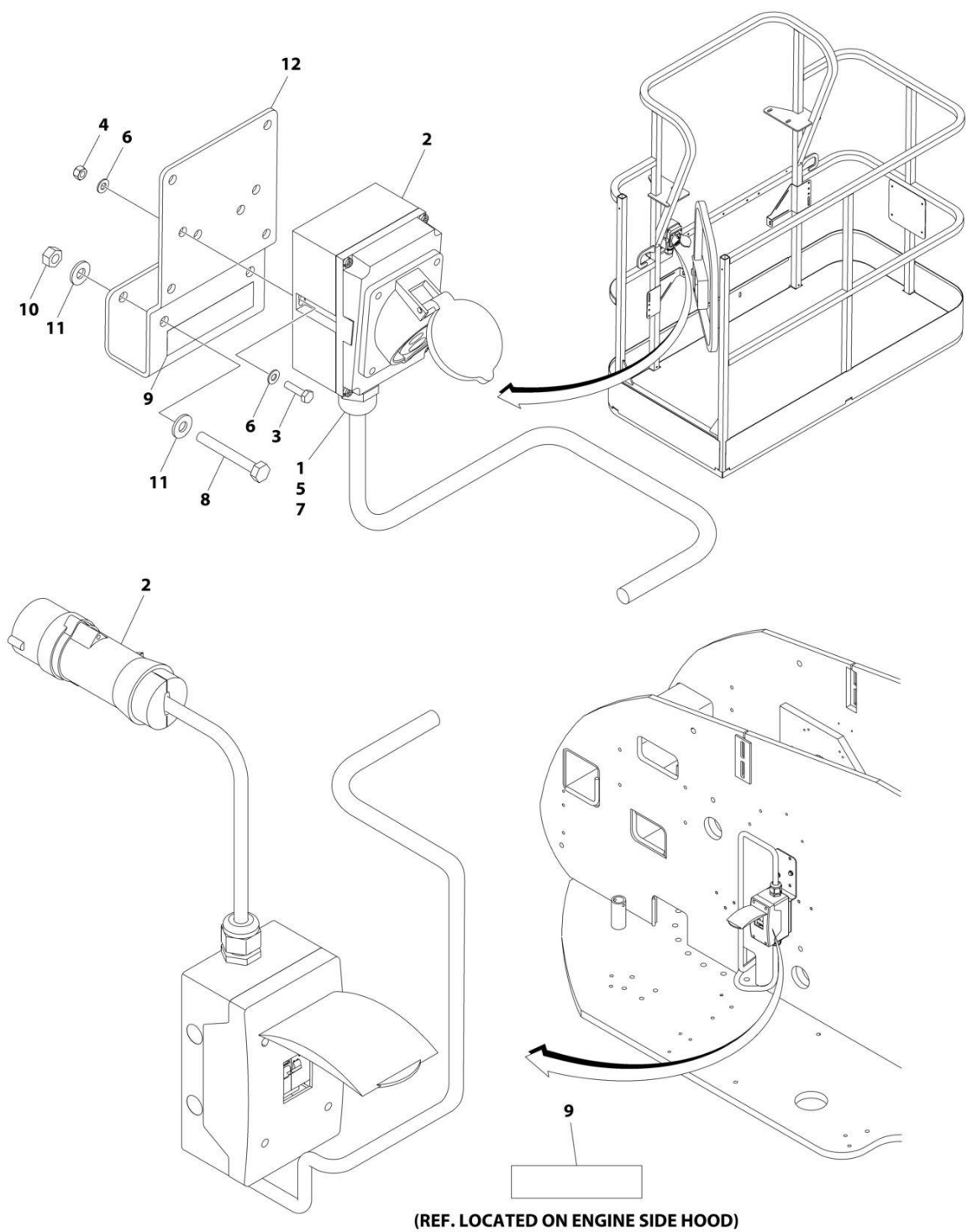
SECTION 8 - ELECTRICAL

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

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

SECTION 8 - ELECTRICAL

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



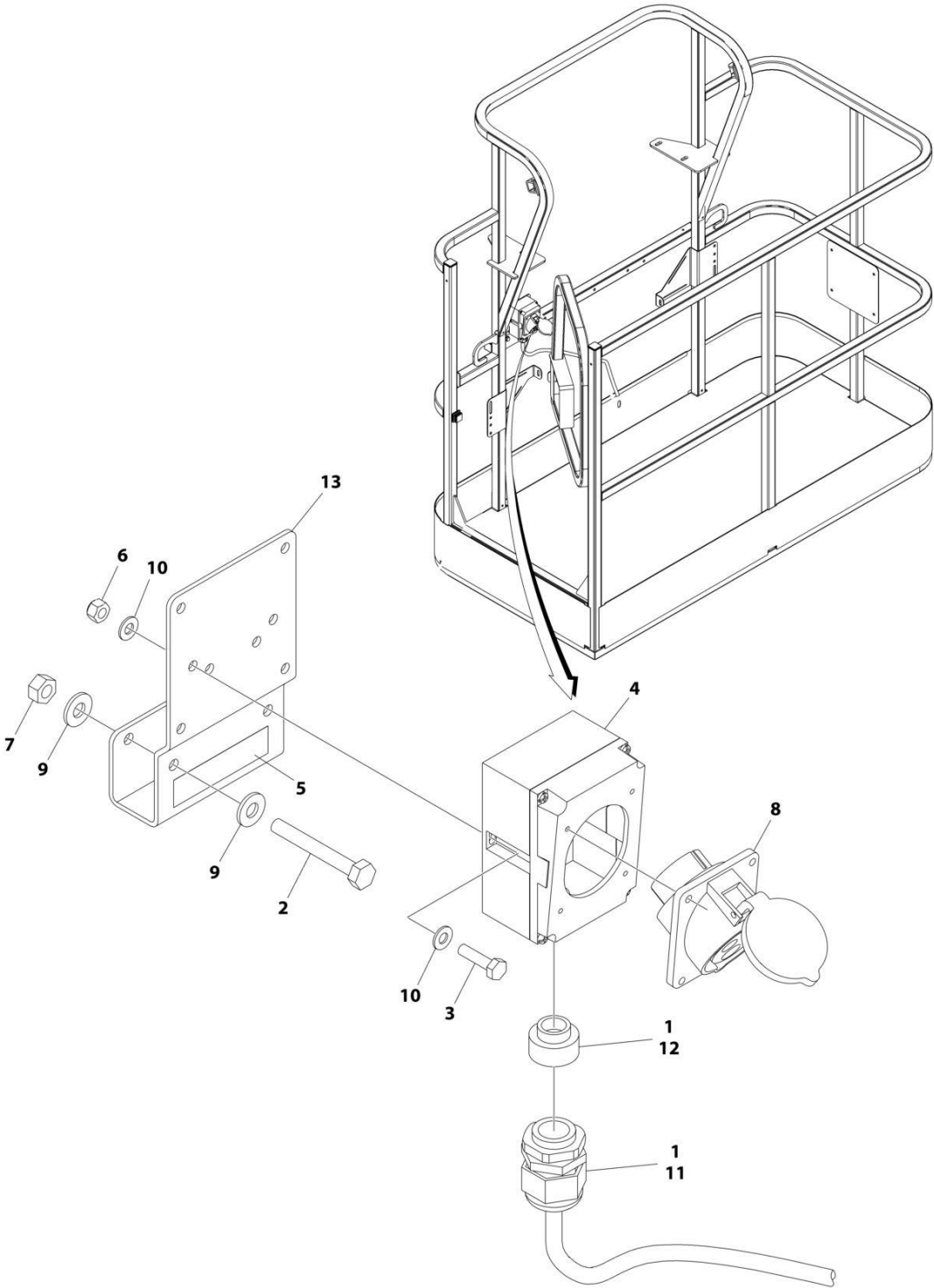
SECTION 8 - ELECTRICAL

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

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

SECTION 8 - ELECTRICAL

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



ART_1001206253

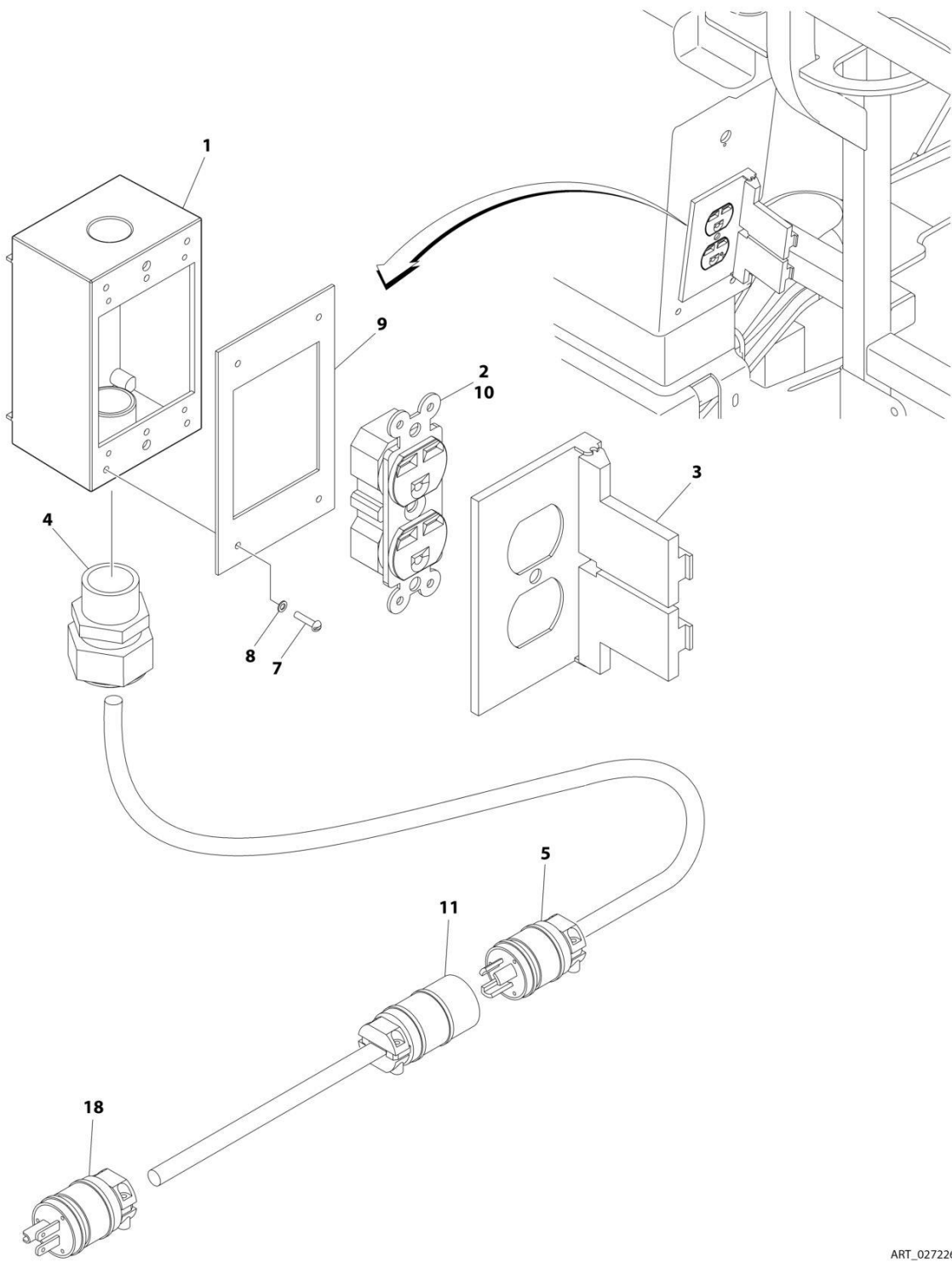
SECTION 8 - ELECTRICAL

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

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

SECTION 8 - ELECTRICAL

FIGURE 8-5. AC BOX AT PLATFORM INSTALLATION - 220V (ANSI, CSA & JAPANESE SPECS)



ART_0272260

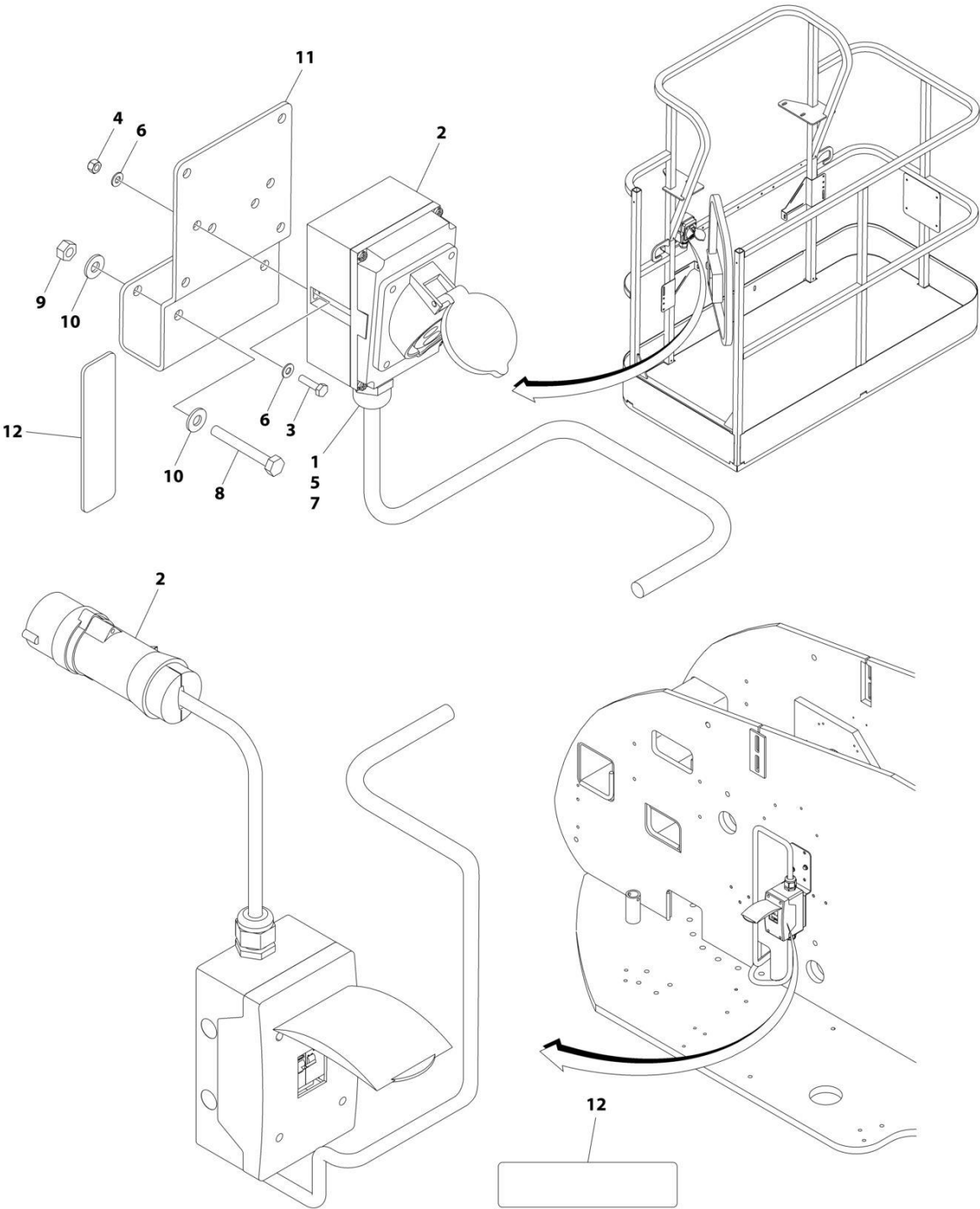
SECTION 8 - ELECTRICAL

FIGURE 8-5. AC BOX AT PLATFORM INSTALLATION - 220V (ANSI, CSA & JAPANESE SPECS)

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

SECTION 8 - ELECTRICAL

FIGURE 8-6. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE SPECS) (MACHINES WITHOUT 4000W GENERATOR)



(REF. LOCATED ON ENGINE SIDE HOOD)

ART_1001091970

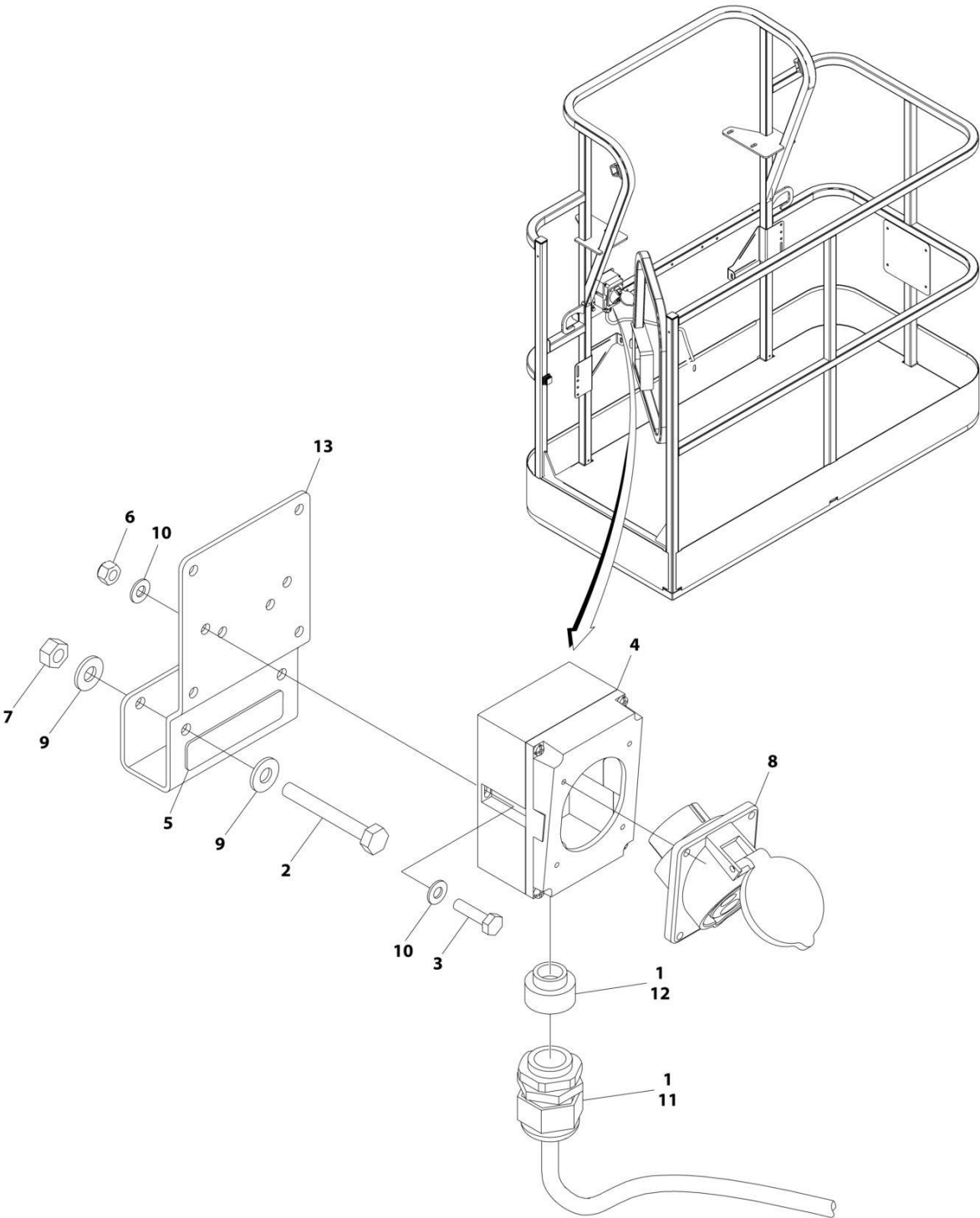
SECTION 8 - ELECTRICAL

FIGURE 8-6. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE SPECS) (MACHINES WITHOUT 4000W GENERATOR)

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

SECTION 8 - ELECTRICAL

FIGURE 8-7. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE SPECS) (MACHINES WITH 4000W GENERATOR)



ART_1001206254

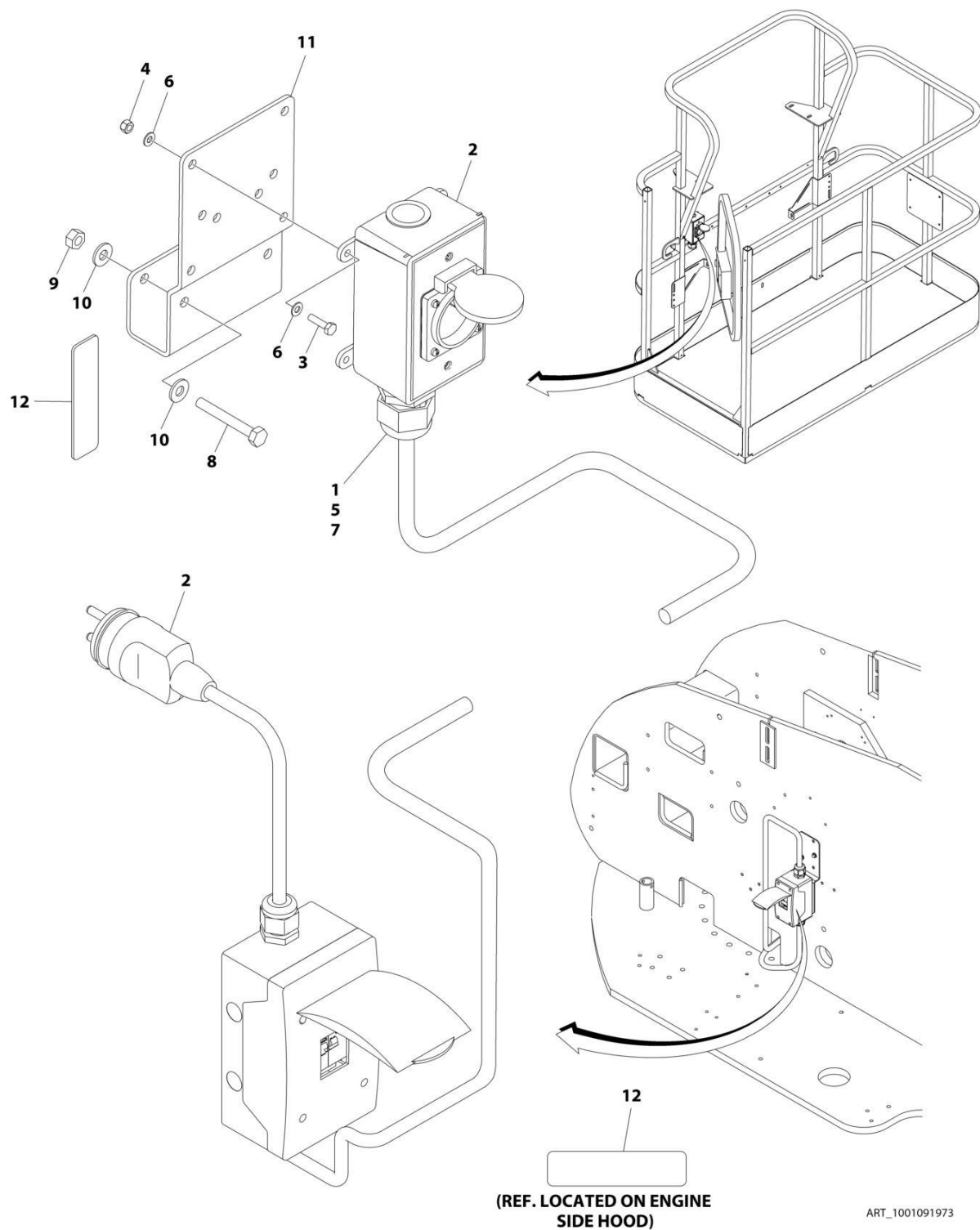
SECTION 8 - ELECTRICAL

FIGURE 8-7. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE SPECS) (MACHINES WITH 4000W GENERATOR)

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

SECTION 8 - ELECTRICAL

FIGURE 8-8. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2X4 POST GROUND (CE SPECS)
(MACHINES WITHOUT 4000W GENERATOR)



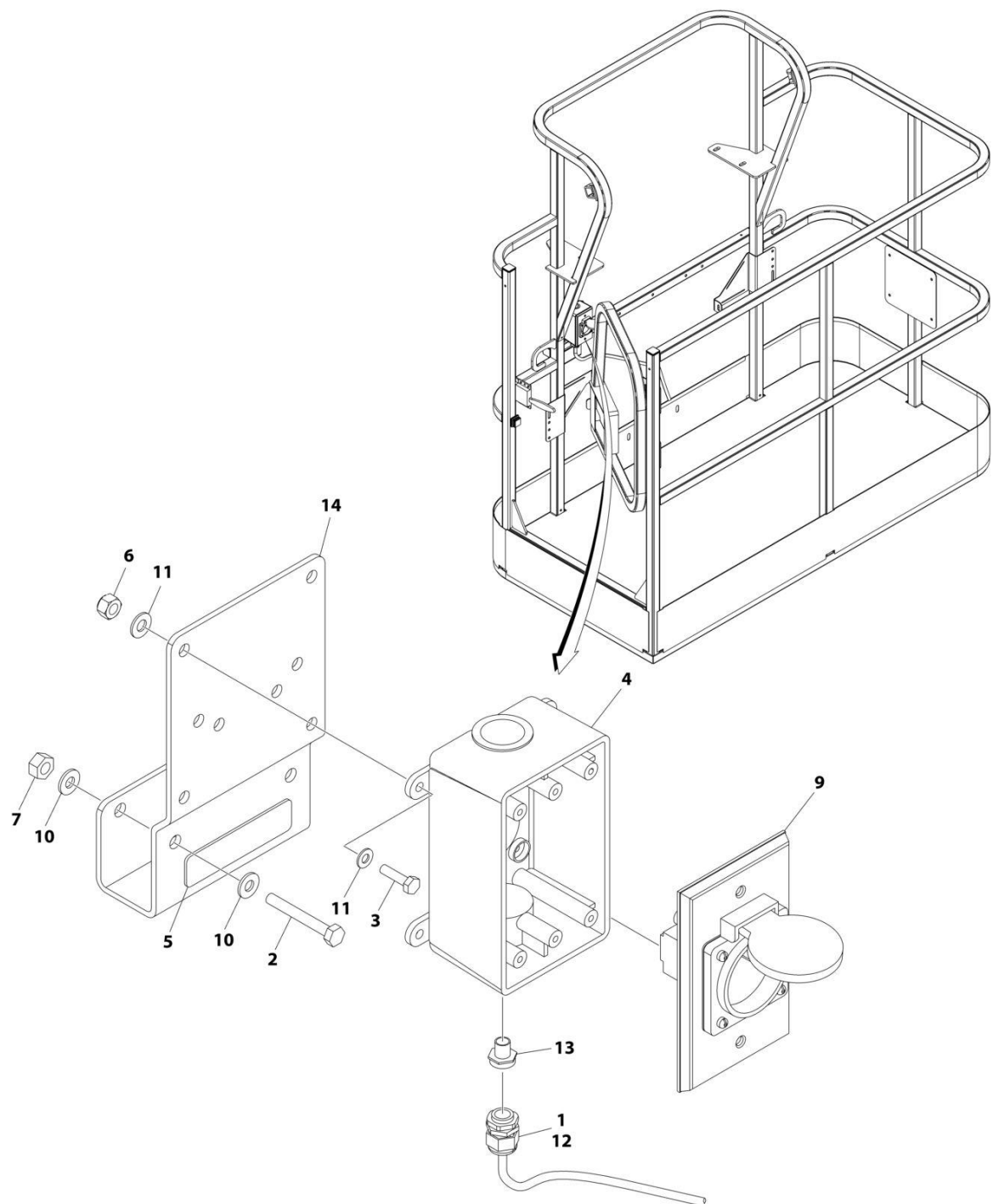
SECTION 8 - ELECTRICAL

**FIGURE 8-8. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2X4 POST GROUND (CE SPECS)
(MACHINES WITHOUT 4000W GENERATOR)**

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

SECTION 8 - ELECTRICAL

FIGURE 8-9. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2X4 POST GROUND (CE SPECS)
(MACHINES WITH 4000W GENERATOR)



ART_1001206250

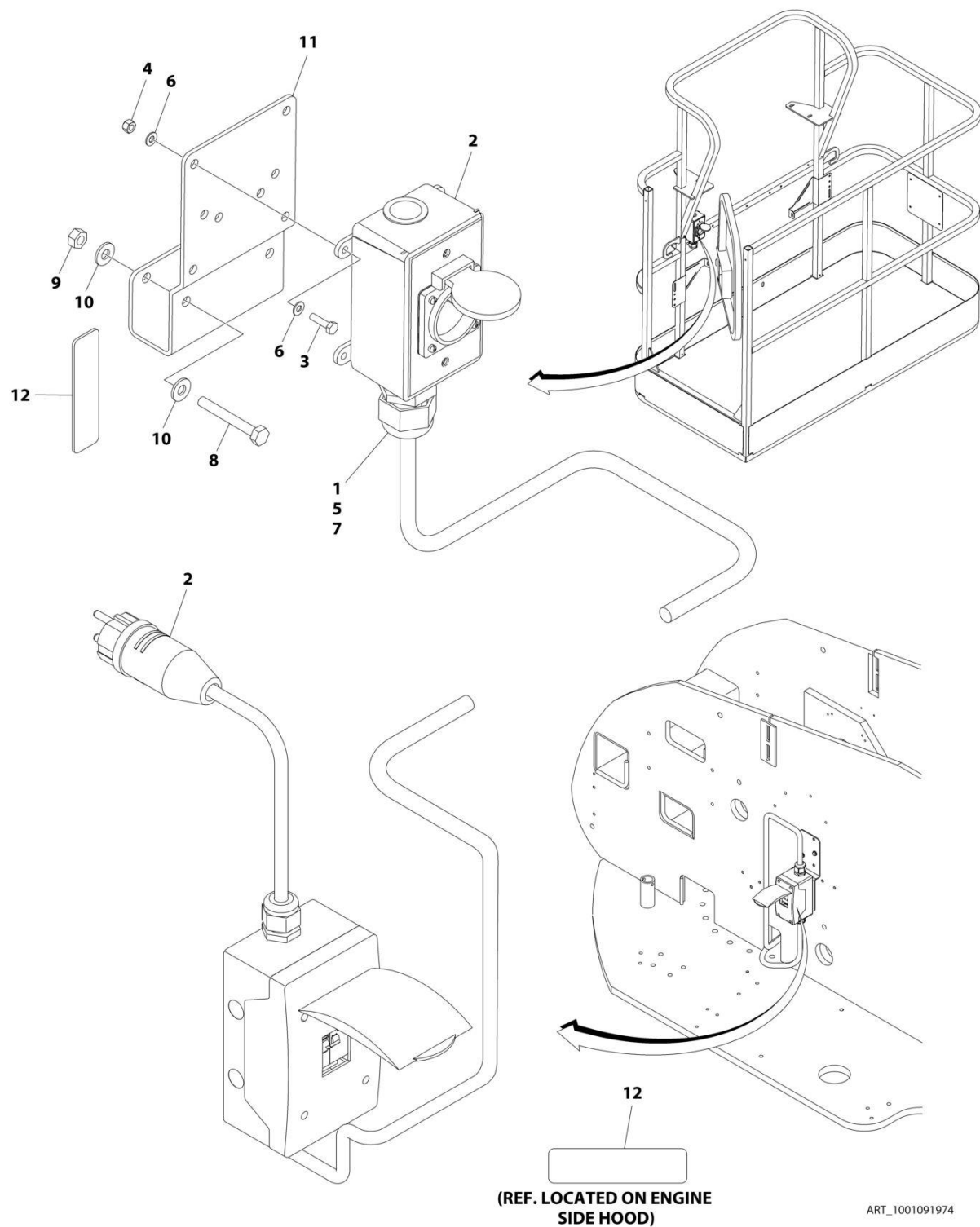
SECTION 8 - ELECTRICAL

**FIGURE 8-9. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2X4 POST GROUND (CE SPECS)
(MACHINES WITH 4000W GENERATOR)**

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

SECTION 8 - ELECTRICAL

FIGURE 8-10. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2X4 SIDE GROUND (CE SPECS)
(MACHINES WITHOUT 4000W GENERATOR)



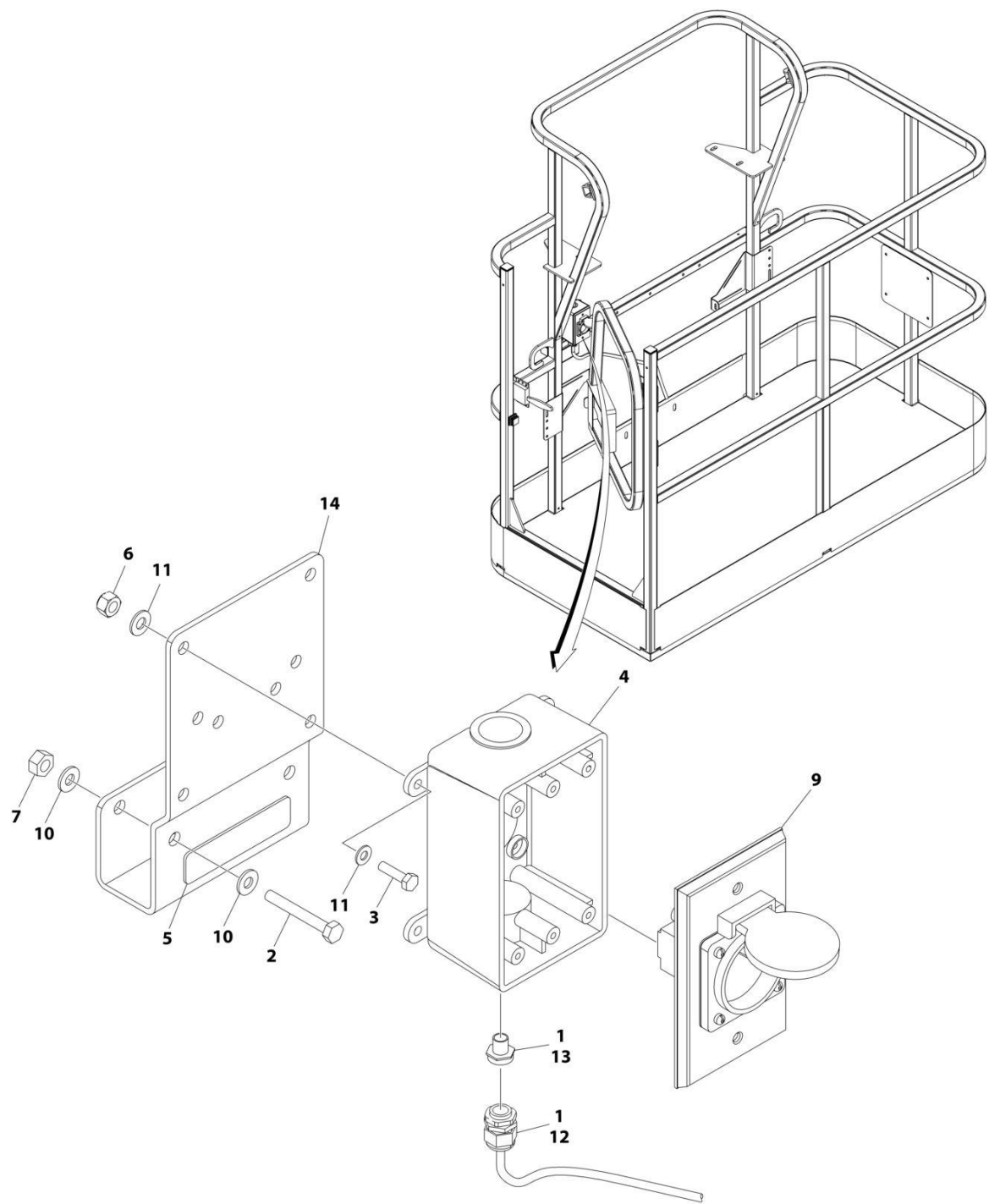
SECTION 8 - ELECTRICAL

**FIGURE 8-10. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2X4 SIDE GROUND (CE SPECS)
(MACHINES WITHOUT 4000W GENERATOR)**

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

SECTION 8 - ELECTRICAL

FIGURE 8-11. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2X4 SIDE GROUND (CE SPECS)
(MACHINES WITH 4000W GENERATOR)



ART_1001206251

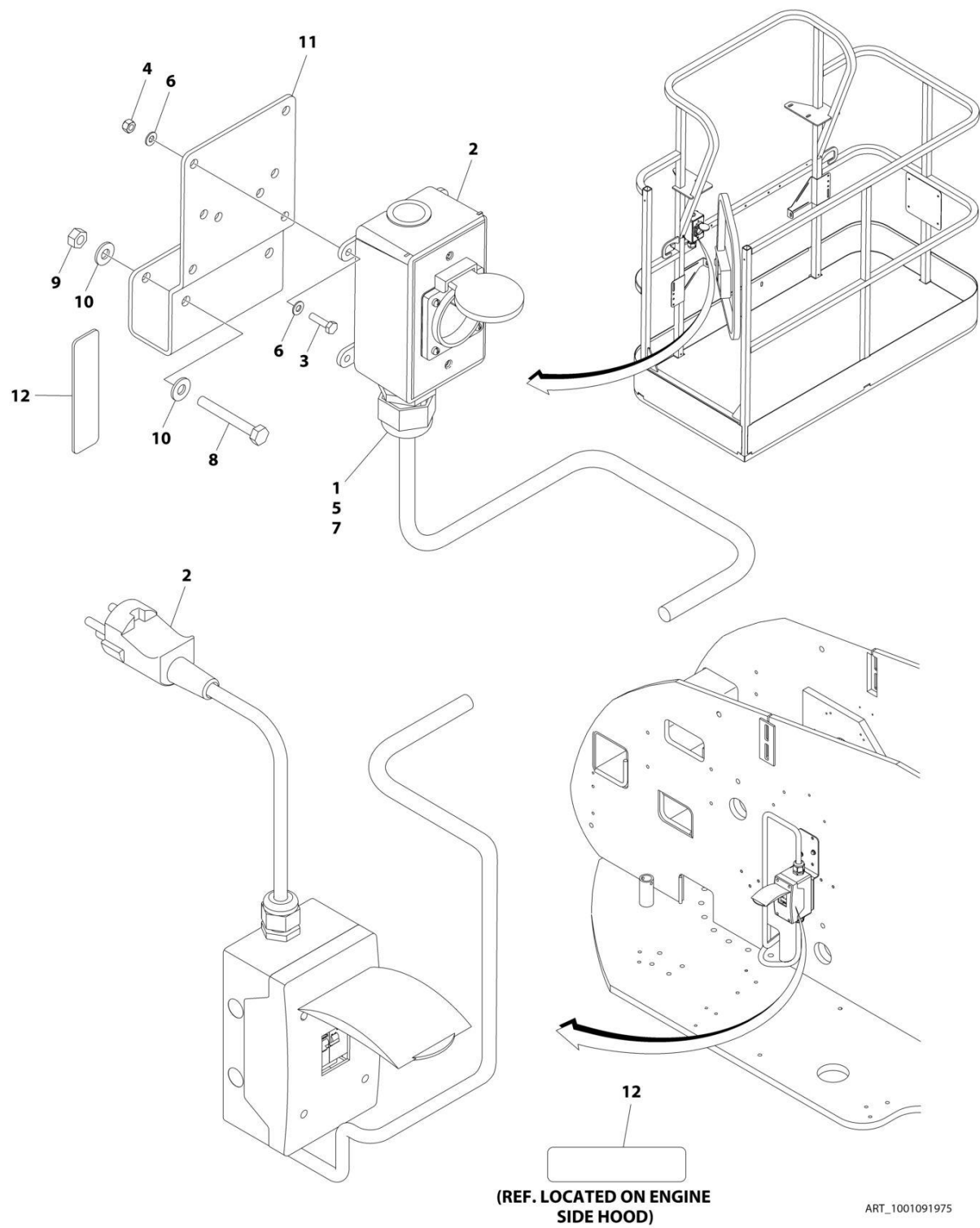
SECTION 8 - ELECTRICAL

**FIGURE 8-11. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2X4 SIDE GROUND (CE SPECS)
(MACHINES WITH 4000W GENERATOR)**

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

SECTION 8 - ELECTRICAL

FIGURE 8-12. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 (CE SPECS) (MACHINES WITHOUT 4000W GENERATOR)



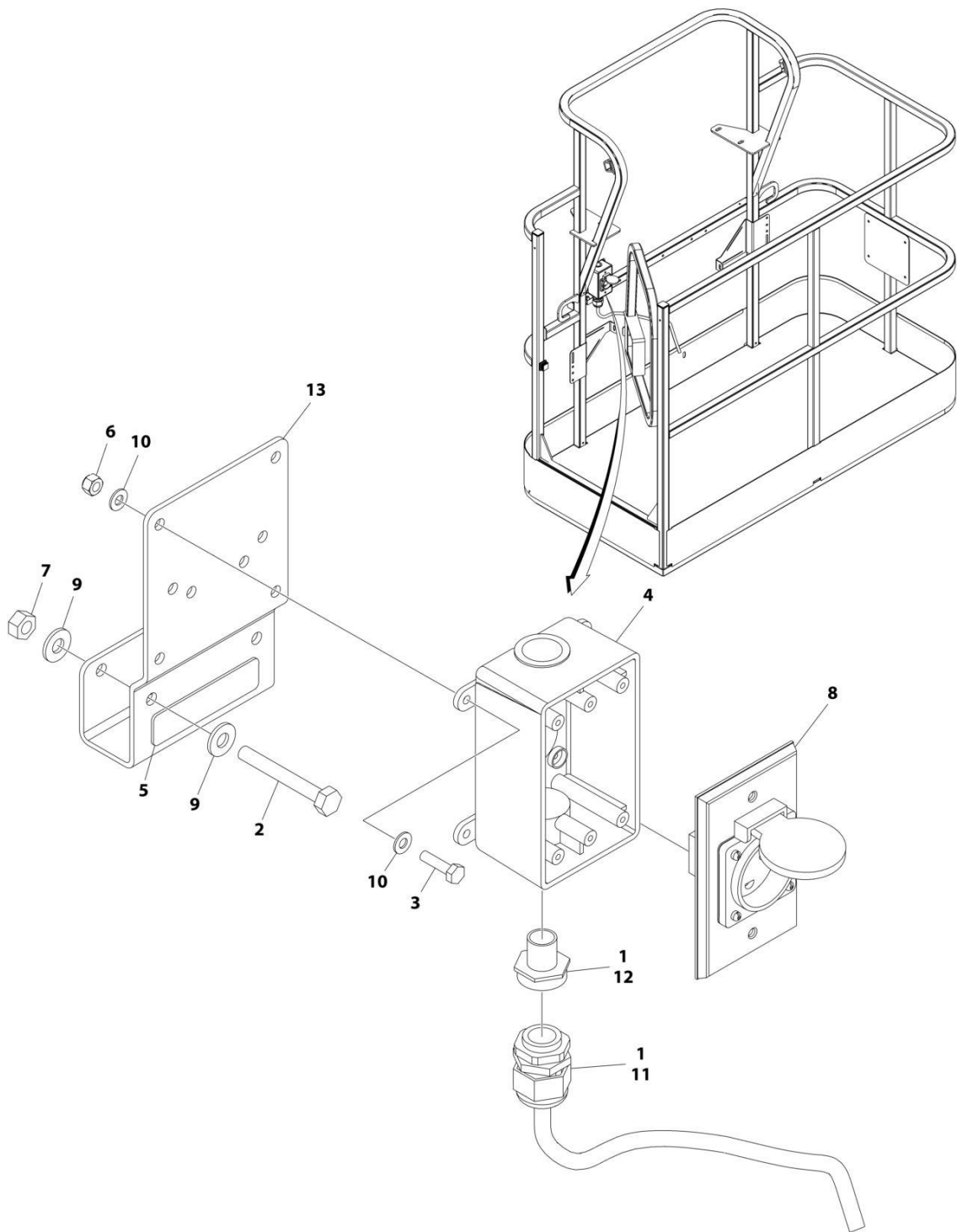
SECTION 8 - ELECTRICAL

FIGURE 8-12. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 (CE SPECS) (MACHINES WITHOUT 4000W GENERATOR)

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

SECTION 8 - ELECTRICAL

FIGURE 8-13. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 (CE SPECS) (MACHINES WITH 4000W GENERATOR)



ART_1001206252

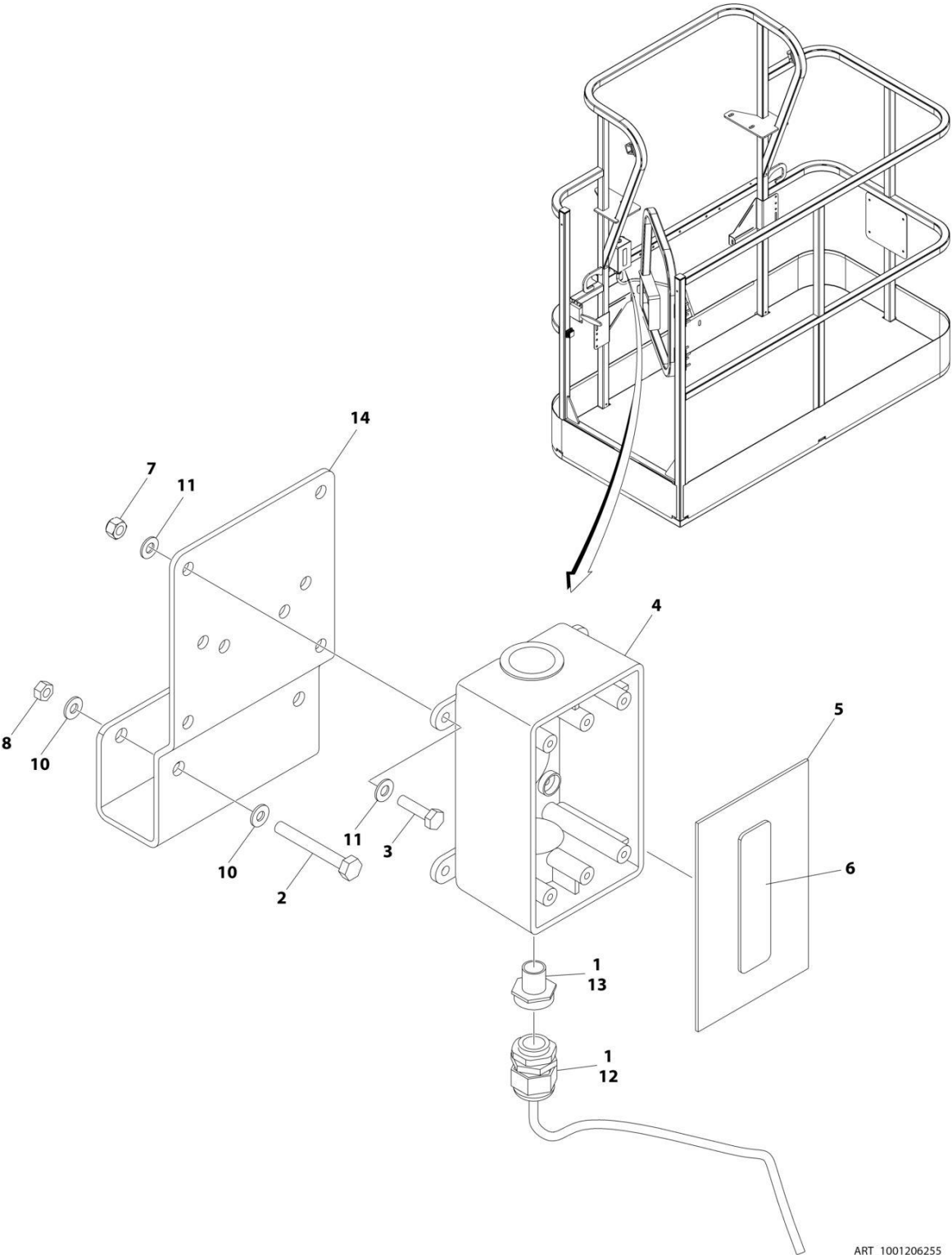
SECTION 8 - ELECTRICAL

FIGURE 8-13. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 (CE SPECS) (MACHINES WITH 4000W GENERATOR)

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

SECTION 8 - ELECTRICAL

FIGURE 8-14. AC BOX AT PLATFORM INSTALLATION - BOX WITH COVER (ANSI EXPORT, AUSTRALIAN, CHINA & JAPANESE SPECS)



ART_1001206255

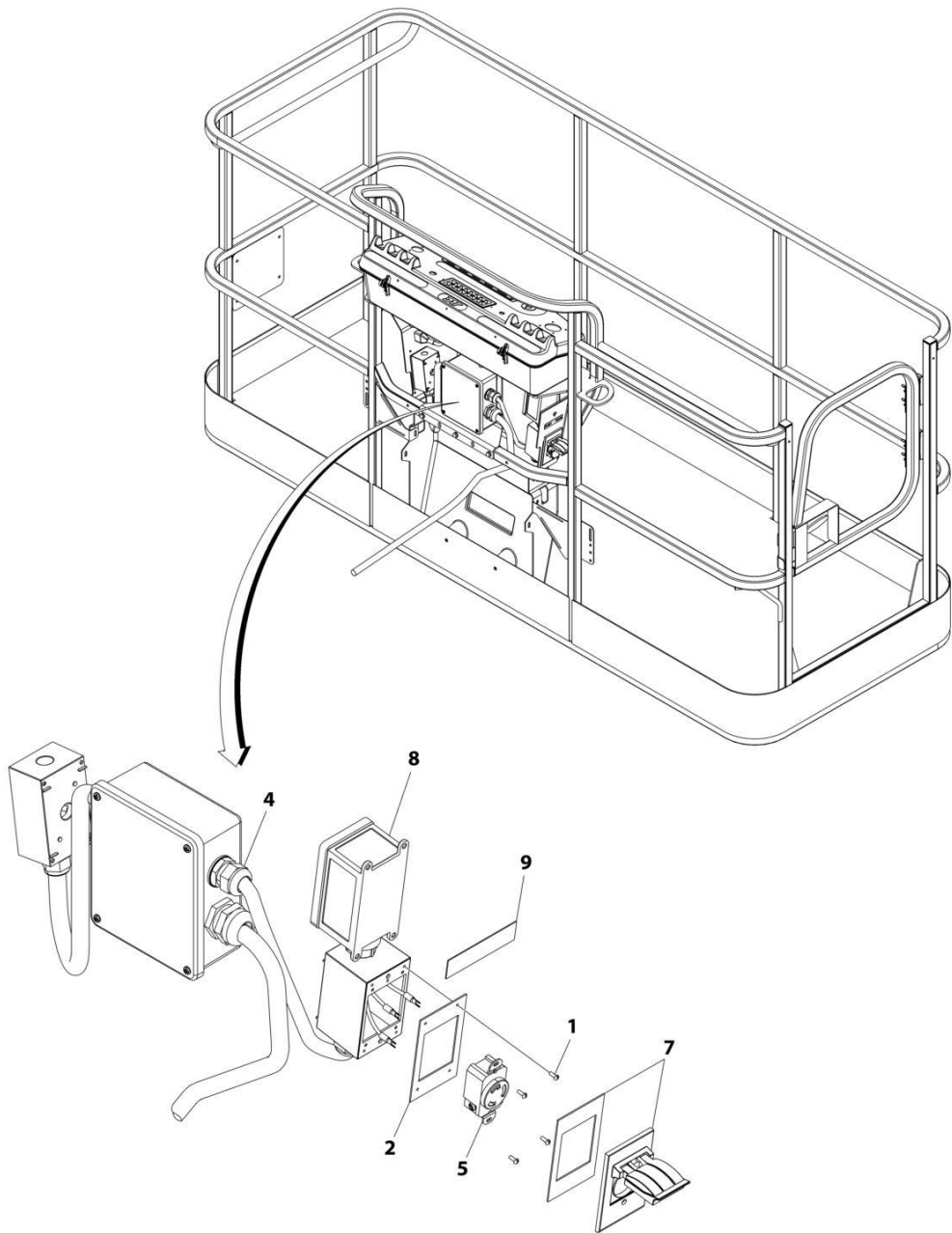
SECTION 8 - ELECTRICAL

FIGURE 8-14. AC BOX AT PLATFORM INSTALLATION - BOX WITH COVER (ANSI EXPORT, AUSTRALIAN, CHINA & JAPANESE SPECS)

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

SECTION 8 - ELECTRICAL

FIGURE 8-15. AC BOX AT PLATFORM INSTALLATION - 240V RECEPTACLE (WITH 4000W GENERATOR) (ALL SPECS EXCEPT ANSI & CSA SPECS)



ART_1001171131

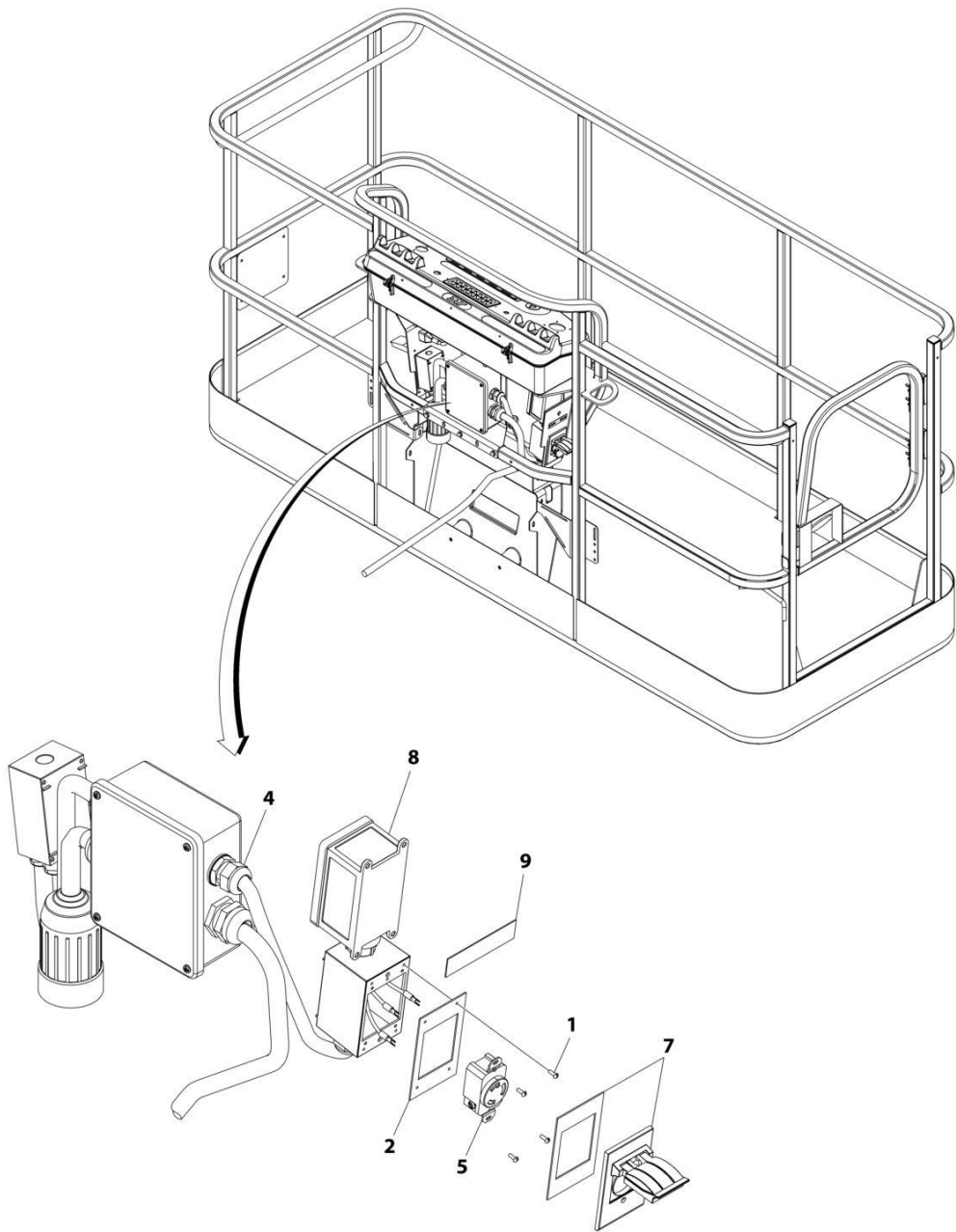
SECTION 8 - ELECTRICAL

FIGURE 8-15. AC BOX AT PLATFORM INSTALLATION - 240V RECEPTACLE (WITH 4000W GENERATOR) (ALL SPECS EXCEPT ANSI & CSA SPECS)

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

SECTION 8 - ELECTRICAL

FIGURE 8-16. AC BOX AT PLATFORM INSTALLATION - 240V RECEPTACLE (WITH 7500W SKYPOWER GENERATOR) (ANSI & CSA SPECS)



ART_1001159121

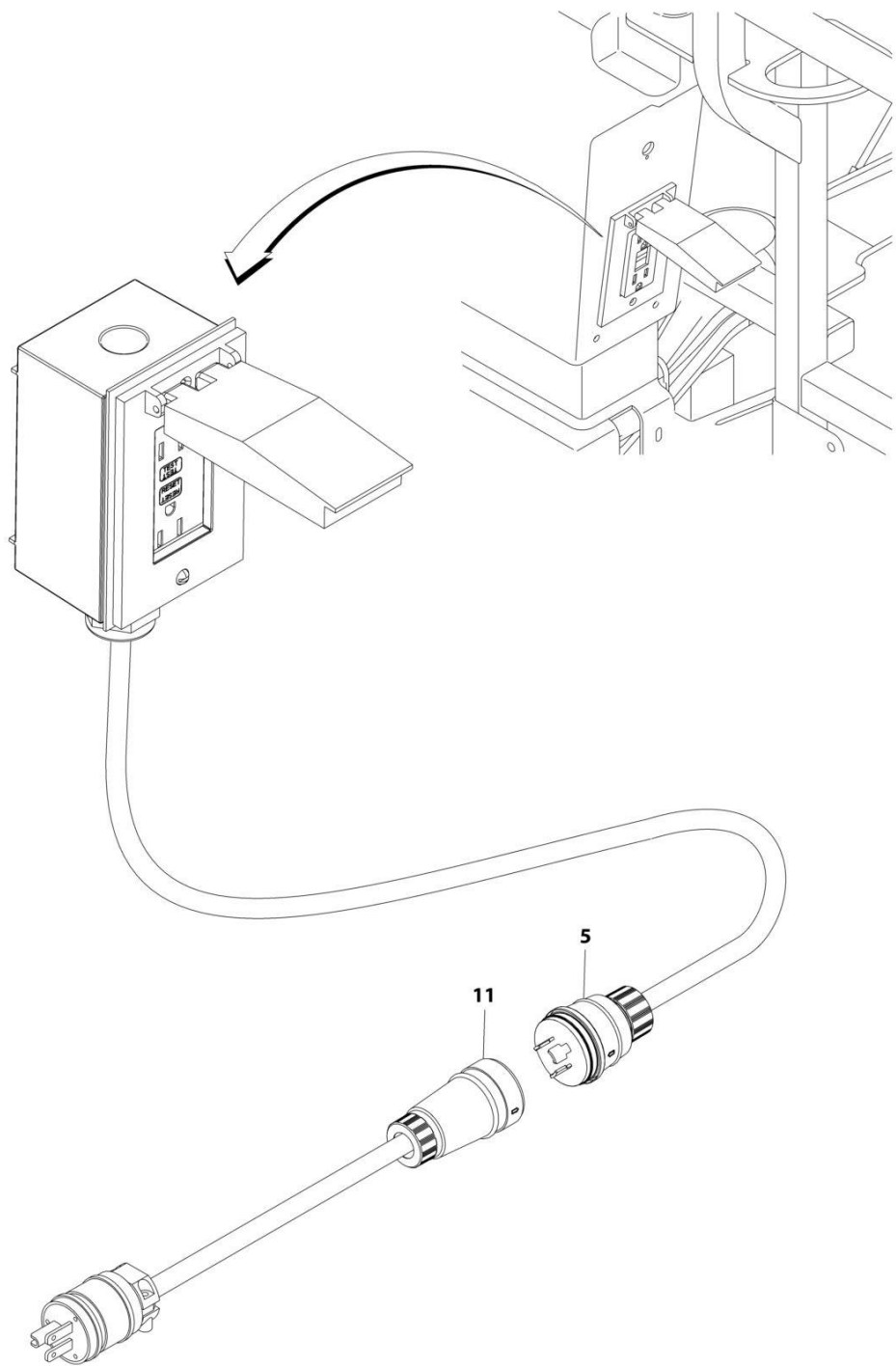
SECTION 8 - ELECTRICAL

FIGURE 8-16. AC BOX AT PLATFORM INSTALLATION - 240V RECEPTACLE (WITH 7500W SKYPOWER GENERATOR) (ANSI & CSA SPECS)

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

SECTION 8 - ELECTRICAL

FIGURE 8-17. AC BOX AT PLATFORM MID-BOOM PLUG INSTALLATION (WITHOUT 7500W SKYPOWER GENERATOR) (ALL SPECS EXCEPT ANSI & CSA SPECS)



ART_0256202

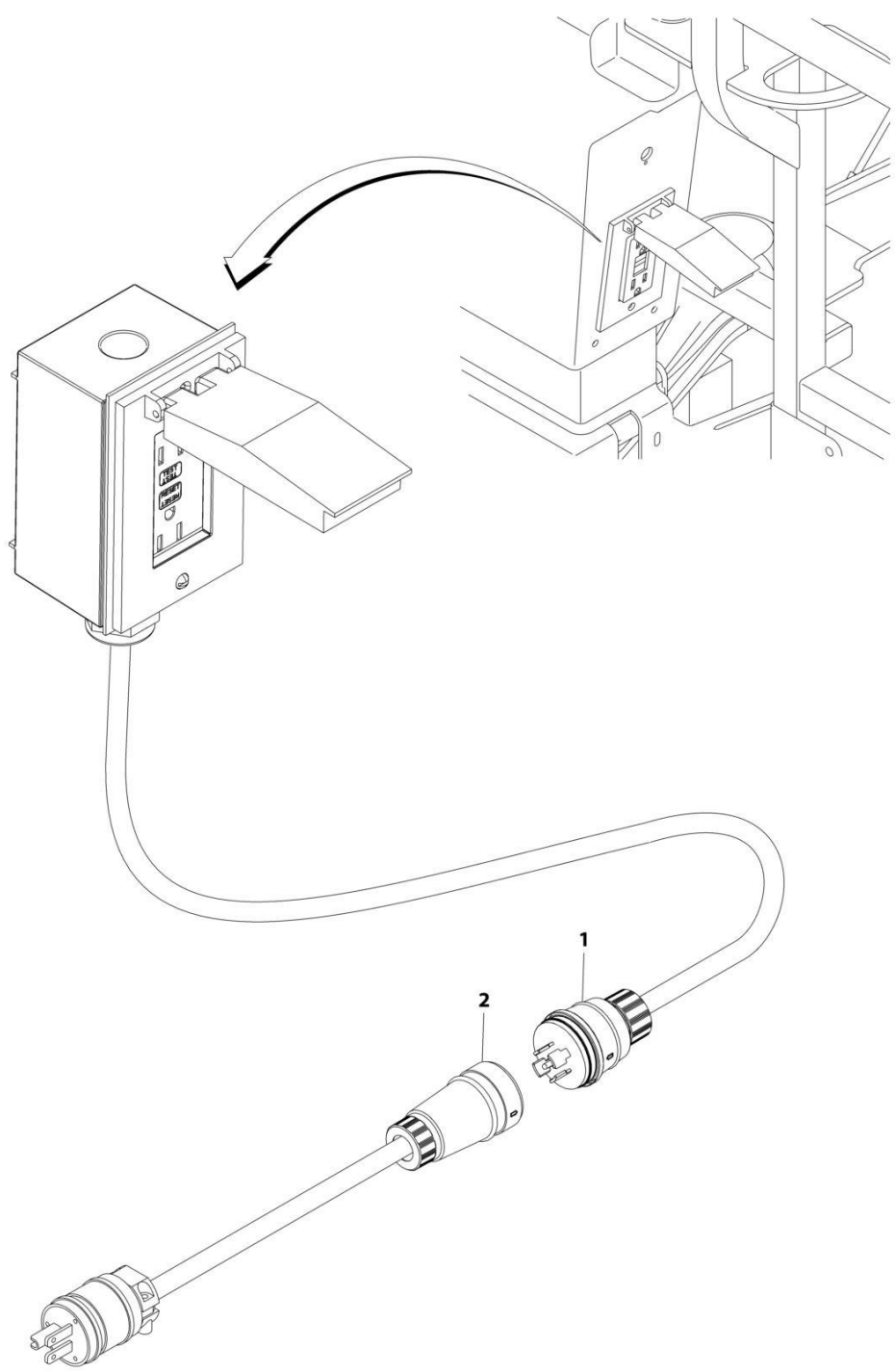
SECTION 8 - ELECTRICAL

FIGURE 8-17. AC BOX AT PLATFORM MID-BOOM PLUG INSTALLATION (WITHOUT 7500W SKYPOWER GENERATOR) (ALL SPECS EXCEPT ANSI & CSA SPECS)

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

SECTION 8 - ELECTRICAL

FIGURE 8-18. AC BOX AT PLATFORM MID-BOOM PLUG INSTALLATION (WITH 7500W SKYPOWER GENERATOR)



ART_0272433

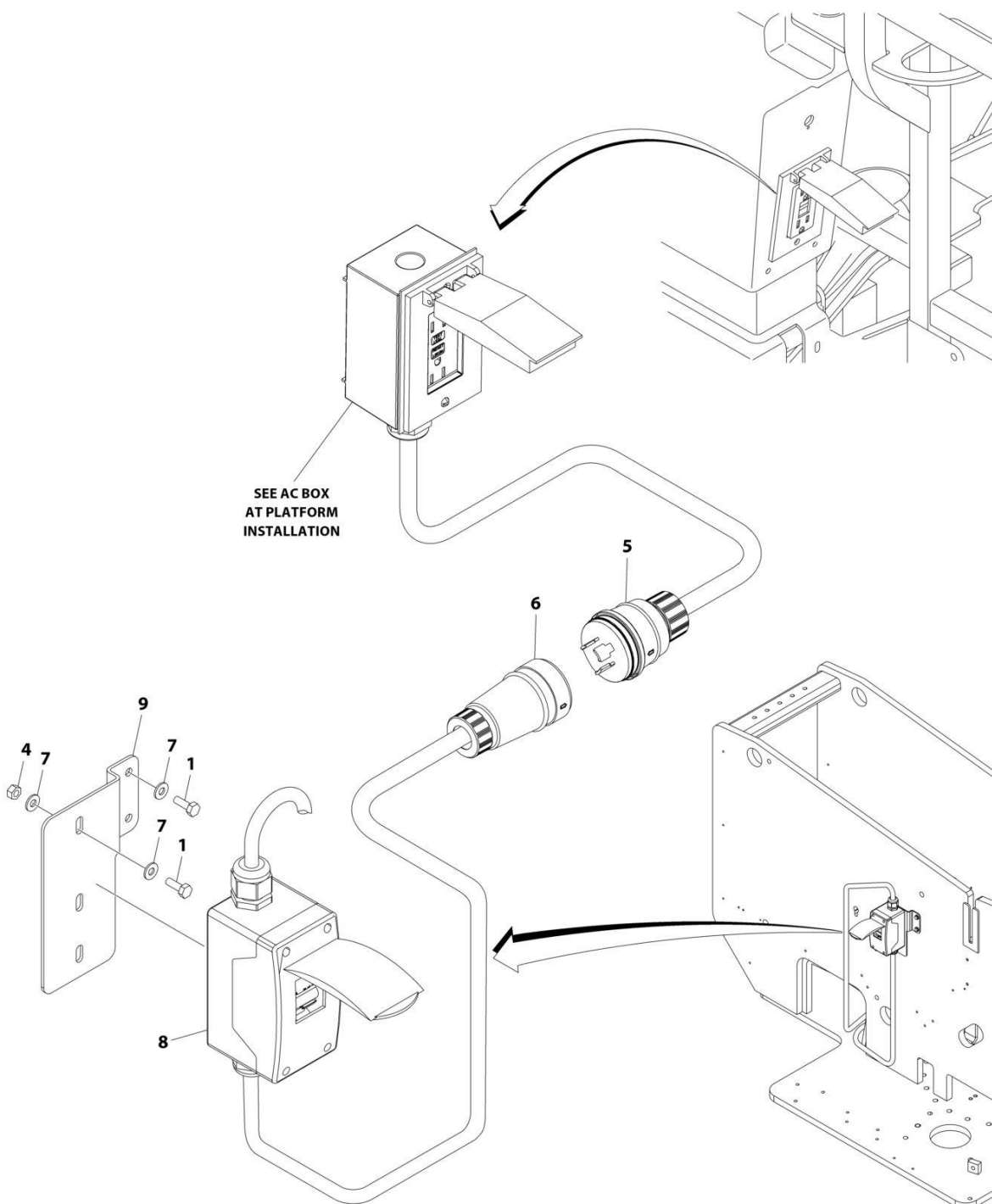
SECTION 8 - ELECTRICAL

FIGURE 8-18. AC BOX AT PLATFORM MID-BOOM PLUG INSTALLATION (WITH 7500W SKYPOWER GENERATOR)

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

SECTION 8 - ELECTRICAL

FIGURE 8-19. AC BREAKER BOX INSTALLATION - WITH 2 BREAKERS (CE SPECS WITHOUT 4000W GENERATOR) (Prior to SN 0300247156)



ART_1001177710

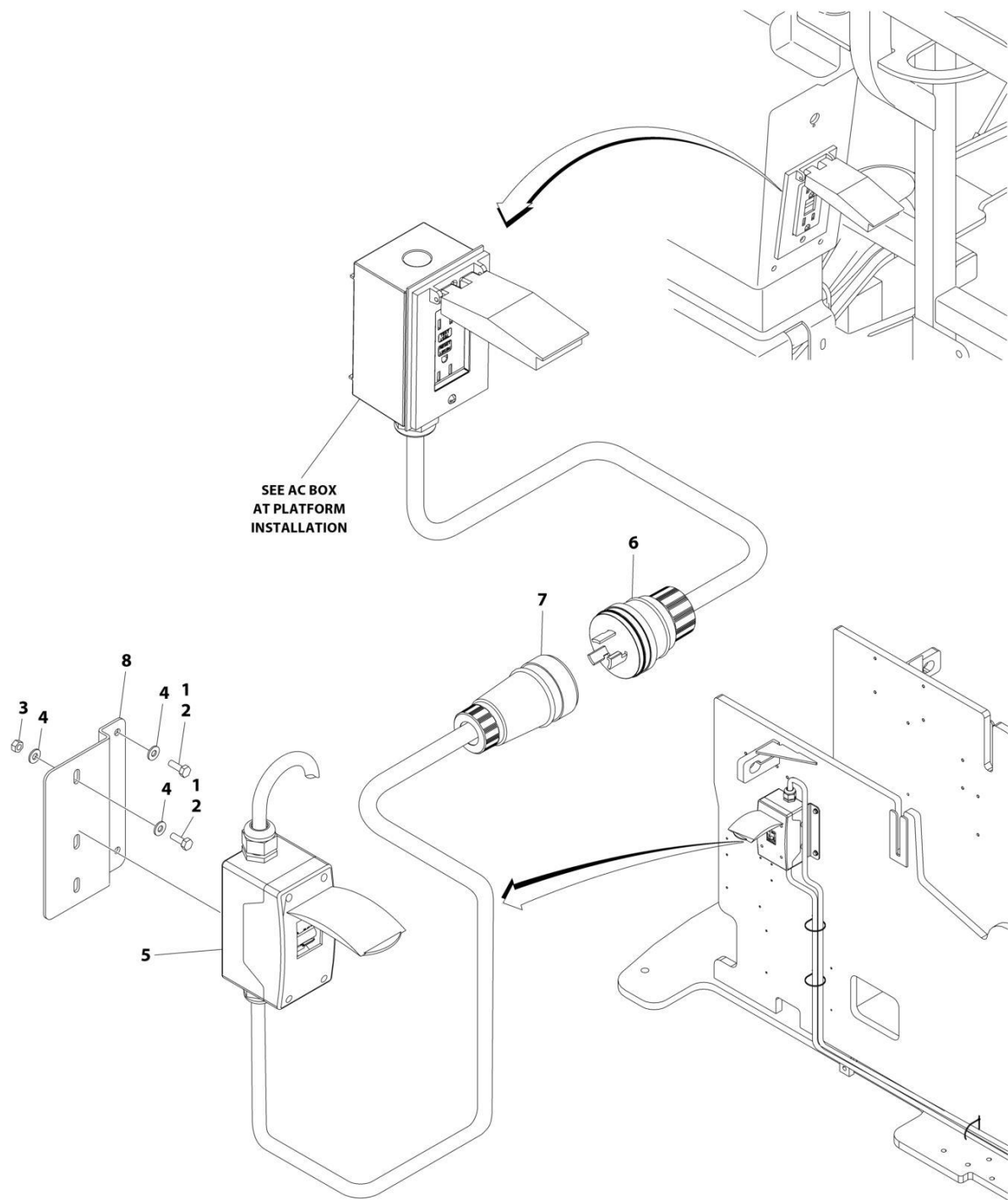
SECTION 8 - ELECTRICAL

FIGURE 8-19. AC BREAKER BOX INSTALLATION - WITH 2 BREAKERS (CE SPECS WITHOUT 4000W GENERATOR) (Prior to SN 0300247156)

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

SECTION 8 - ELECTRICAL

FIGURE 8-20. AC BREAKER BOX INSTALLATION - WITH 2 BREAKERS (CE SPECS WITH 4000W GENERATOR) (SN 0300247156 through 0300270863)



ART_1001236962

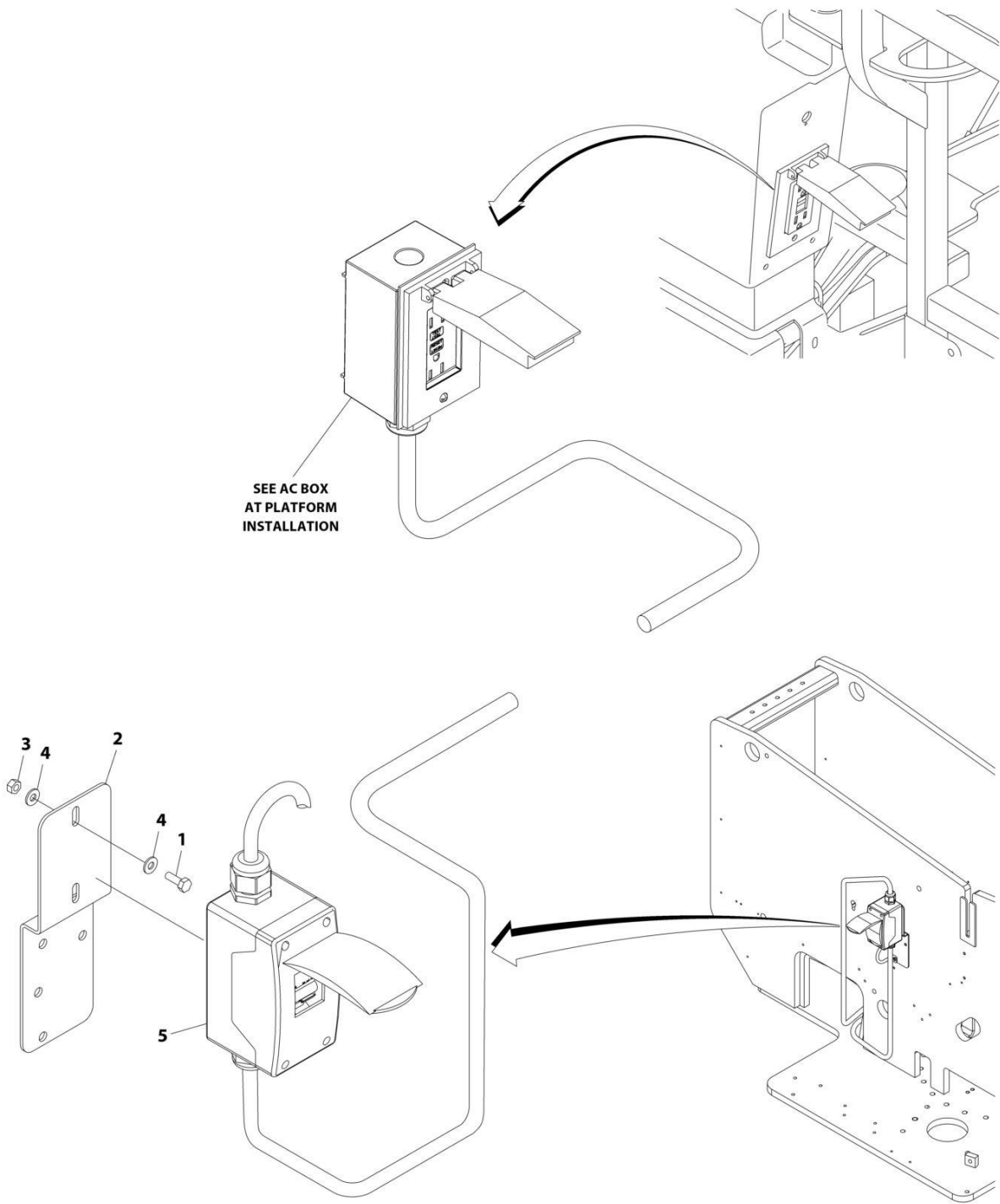
SECTION 8 - ELECTRICAL

FIGURE 8-20. AC BREAKER BOX INSTALLATION - WITH 2 BREAKERS (CE SPECS WITH 4000W GENERATOR) (SN 0300247156 through 0300270863)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236962	Ref	AC BREAKER BOX INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641406	4	Bolt 1/4 x 3/4	
3	3311405	2	Nut 1/4	
4	4711400	6	Washer 1/4	
5	1001165368	1	Breaker Box Kit - With 2 Breakers (See Separate Breakdown in this Section)	
6	1001213584	1	Plug, Male	
7	1001213585	1	Receptacle, Female	
8	1001229080	1	Bracket	
9	4240099	AR	Tie-Strap (Not Shown)	

SECTION 8 - ELECTRICAL

FIGURE 8-21. AC BREAKER BOX INSTALLATION - WITH 2 BREAKERS (BRAZIL SPECS)



ART_1001171016

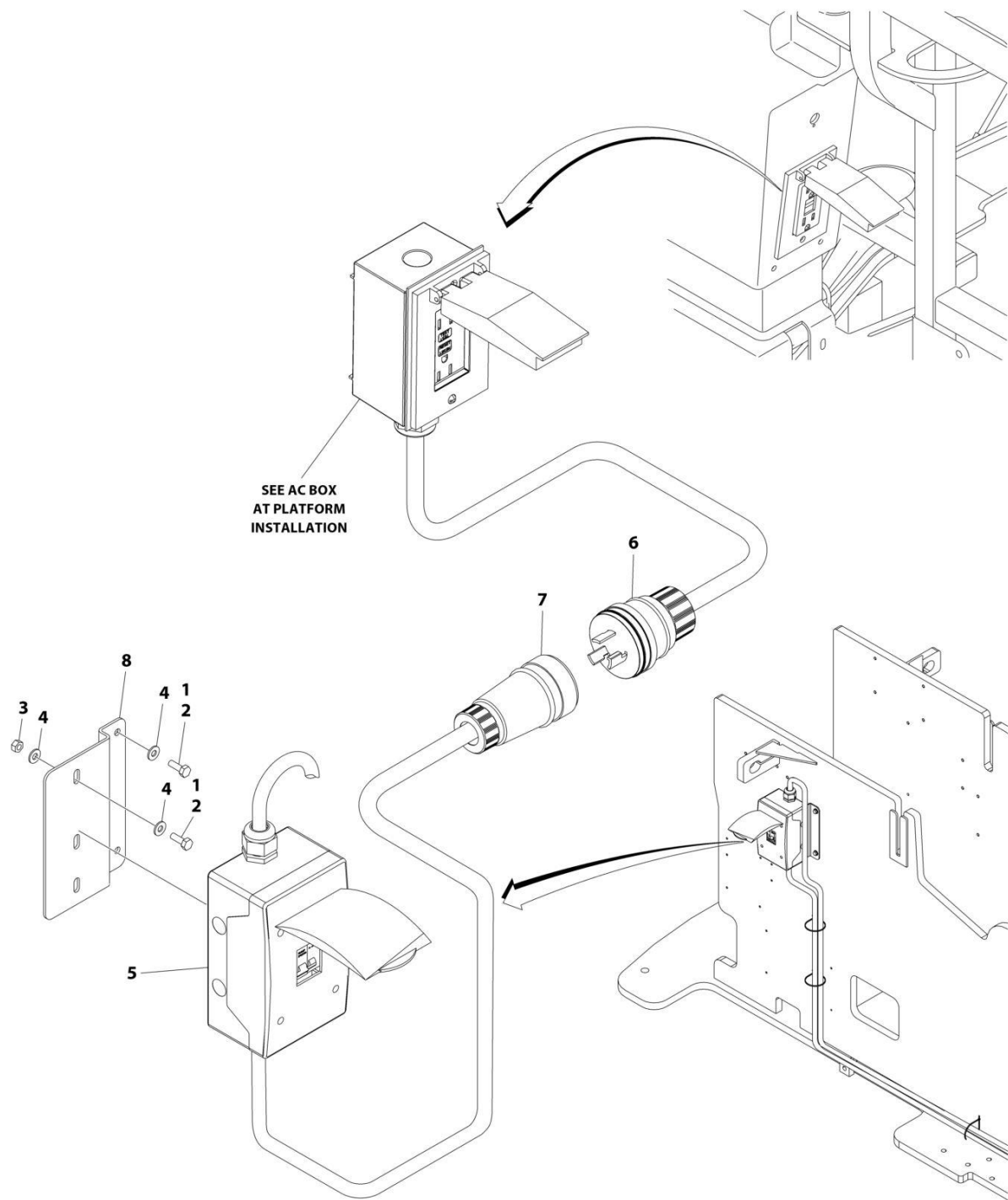
SECTION 8 - ELECTRICAL

FIGURE 8-21. AC BREAKER BOX INSTALLATION - WITH 2 BREAKERS (BRAZIL SPECS)

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

SECTION 8 - ELECTRICAL

FIGURE 8-22. AC BREAKER BOX INSTALLATION - WITH 3 BREAKERS (CE SPECS WITH 4000W GENERATOR)



ART_1001234588

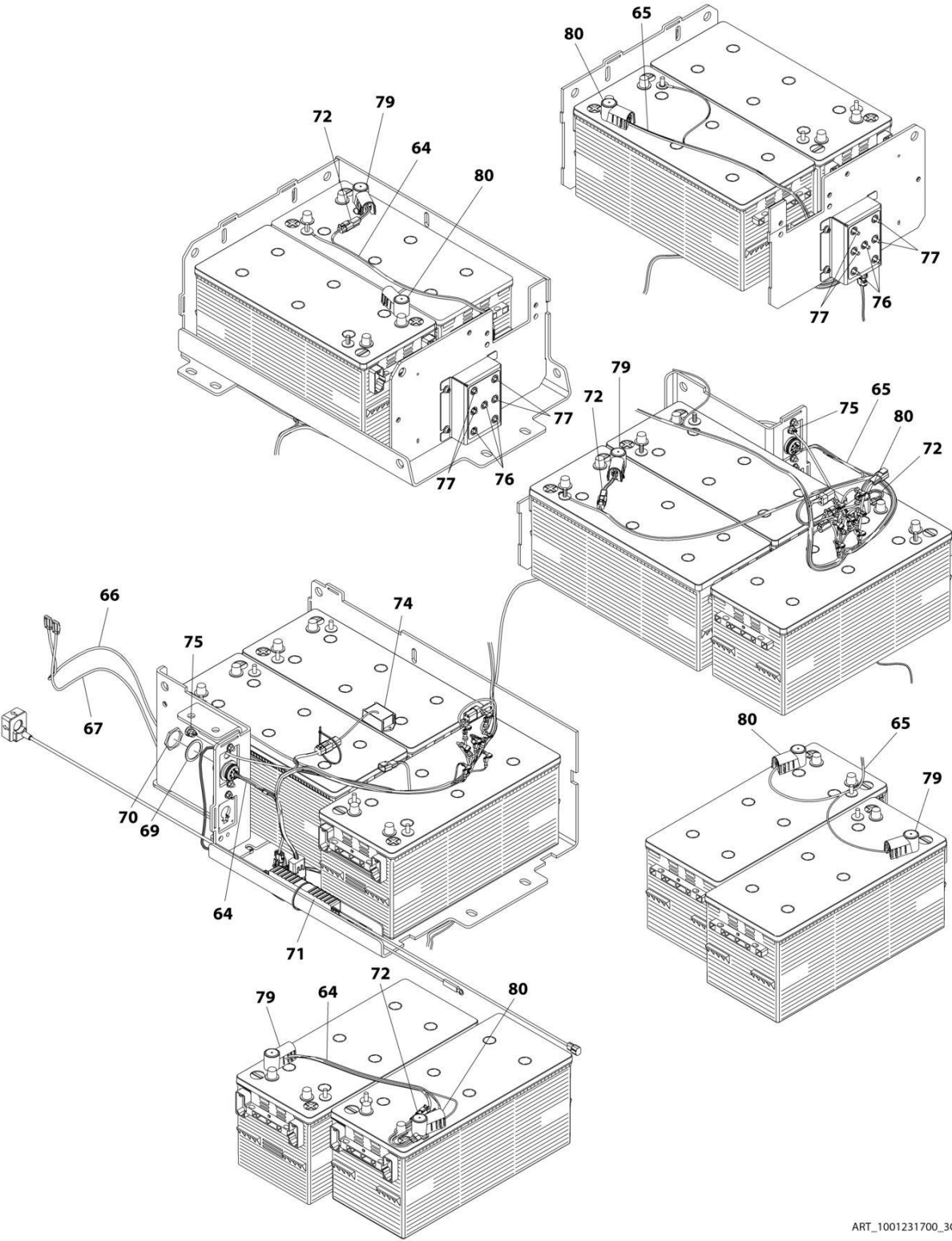
SECTION 8 - ELECTRICAL

FIGURE 8-22. AC BREAKER BOX INSTALLATION - WITH 3 BREAKERS (CE SPECS WITH 4000W GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001234588	Ref	AC BREAKER BOX INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641406	4	Bolt 1/4 x 3/4	
3	3311405	2	Nut 1/4	
4	4711400	6	Washer 1/4	
5	1001205690	1	Breaker Box Kit - With 3 Breakers (See Separate Breakdown in this Section)	
6	1001213584	1	Plug, Male	
7	1001213585	1	Receptacle, Female	
8	1001229080	1	Bracket	
9	4240099	AR	Tie-Strap (Not Shown)	

SECTION 8 - ELECTRICAL

FIGURE 8-23. BATTERY CABLES INSTALLATION



ART_1001231700_30F3

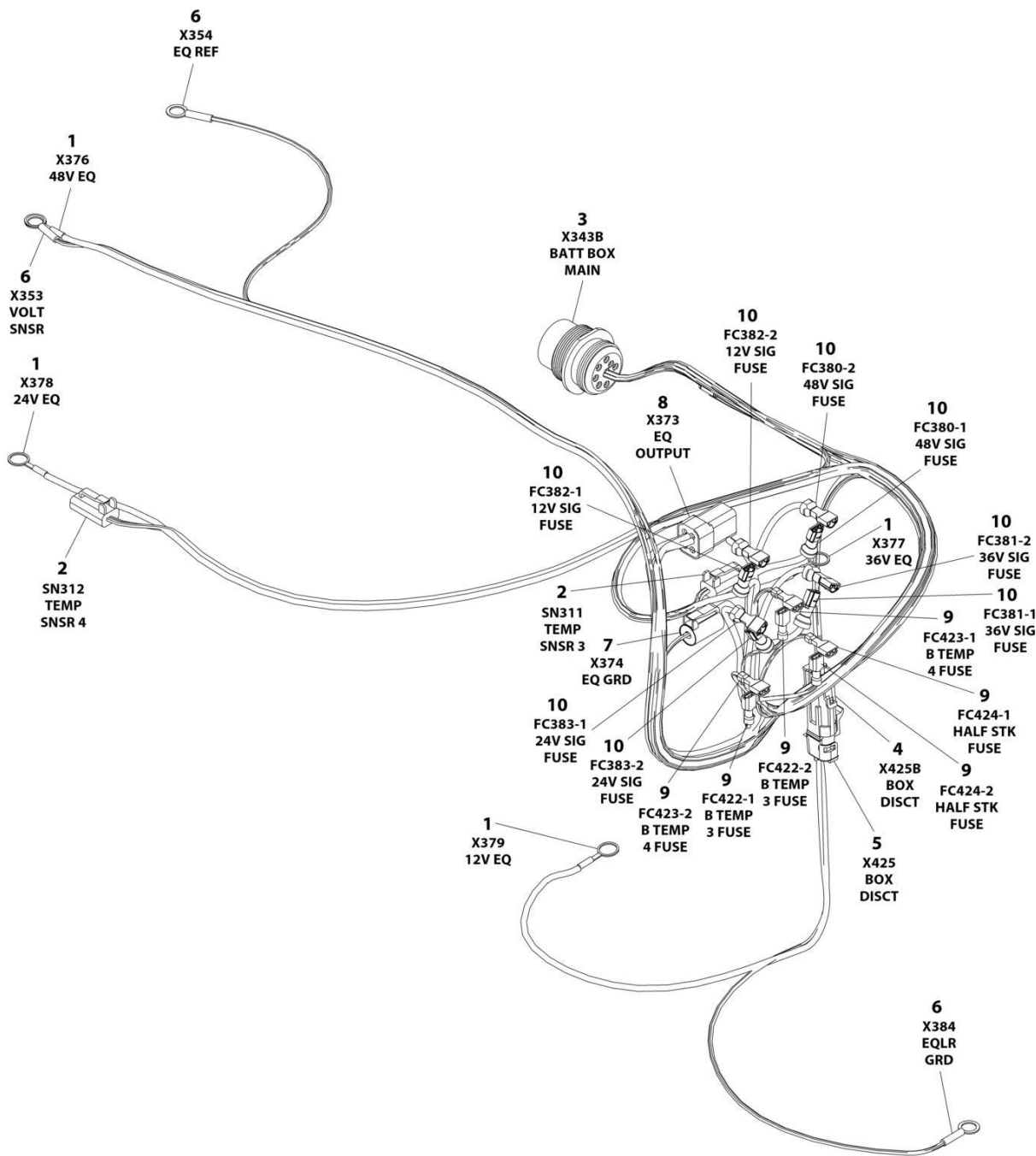
SECTION 8 - ELECTRICAL

FIGURE 8-23. BATTERY CABLES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231700	Ref	BATTERY CABLES INSTALLATION	G
64	1001231685	1	Battery Stack Harness (RH) (See Separate Breakdown in this Section)	
65	1001231686	1	Battery Stack Harness (LH) (See Separate Breakdown in this Section)	
66	1001232840	1	Cable Equalizer LED (LH)	
66	4460910	1	Receptacle, Female - 3 Position	
66	1001126011	3	Terminal	
66	4460911	1	Plug, Male - 3 Position	
66	1001126008	3	Terminal	
67	1001232841	1	Cable Equalizer LED (RH)	
67	4460910	1	Receptacle, Female - 3 Position	
67	1001126011	3	Terminal	
67	4460911	1	Plug, Male - 3 Position	
67	1001126008	3	Terminal	
69	4460496	2	Washer	
70	4460497	2	Nut	
71	1001222336	1	Control, SOC Monitor	
72	1001225131	5	Temperature Sensor Harness	
74	1001227080	1	Terminator, Electrical	
75	1001233825	2	Connector, Strain Relief	
76	2400080	6	Fuse - 1 Amp	
77	1001234313	8	Fuse - 7.5 Amp	
79	1001225557	4	Boot (Black)	
80	1001225558	5	Boot (Red)	
81	4240032	AR	Tie-Strap (Not Shown)	
100	1001233440	1	Battery Connect Cable Kit (Not Shown)	
101	1001222379	1	Cable, Battery Jumper (+)	
102	1001222380	1	Cable, Battery Jumper (-)	
500	1001233448	2	Battery Box Cable Kit (Not Shown)	
501	1001231425	2	Cable, Battery Jumper (+) (1 Per Kit)	
502	1001231426	2	Cable, Battery Jumper (-) (1 Per Kit)	
503	1001231481	2	Cable, Battery Bulkhead (+) (1 Per Kit)	
504	1001231482	2	Cable, Battery Bulkhead (-) (1 Per Kit)	
505	1001231514	2	Cable, Battery Jumper (+) (1 Per Kit)	
506	1001231515	2	Cable, Battery Jumper (-) (1 Per Kit)	
507	1001231519	2	Cable, 84V Short (1 Per Kit)	
508	1001231520	2	Cable, 84V MID (1 Per Kit)	
509	1001231521	2	Cable, 84V Long (1 Per Kit)	
510	1001231522	2	Cable, 84V Bulkhead (1 Per Kit)	

SECTION 8 - ELECTRICAL

FIGURE 8-24. BATTERY STACK HARNESS (LH)



ART_1001231686

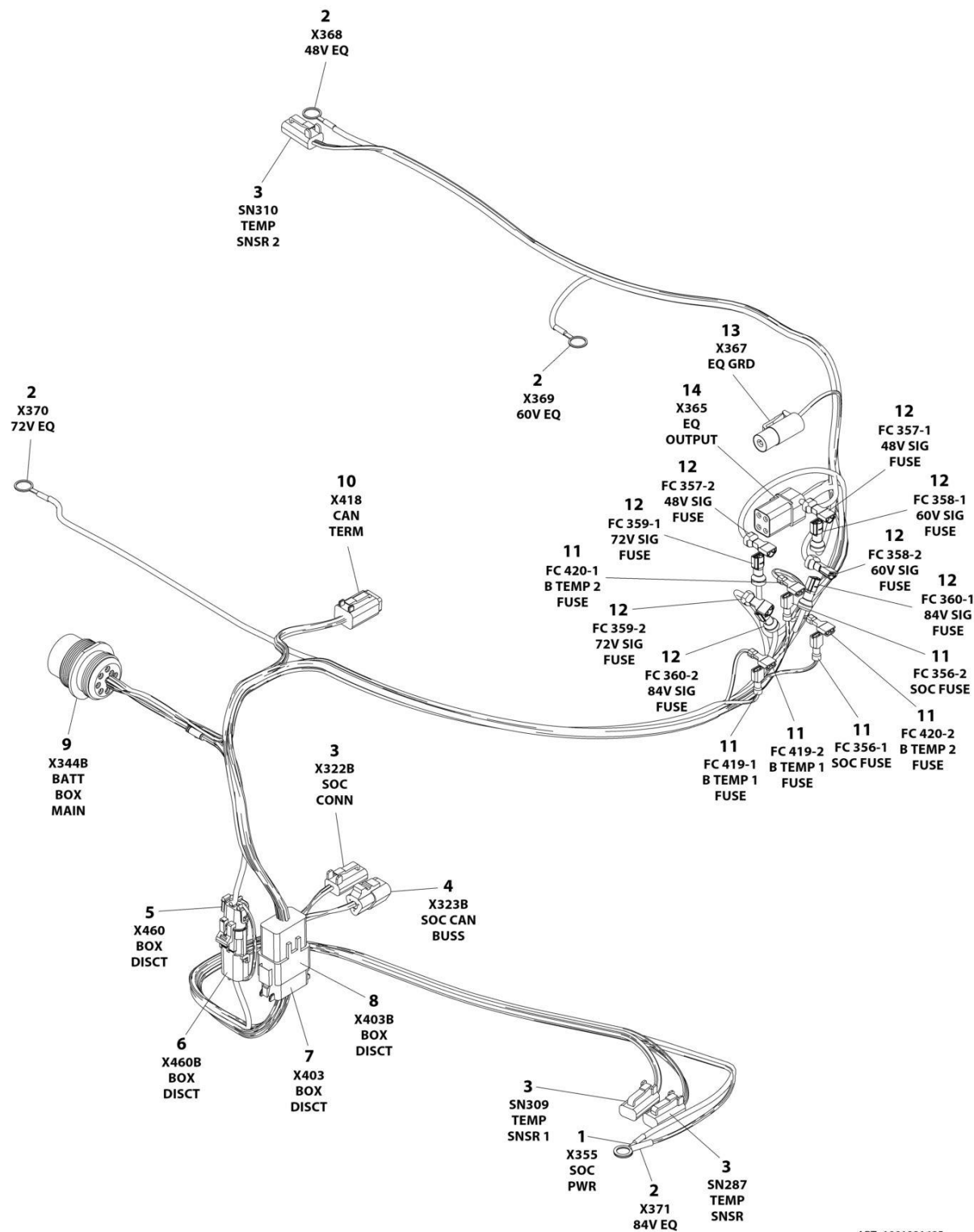
SECTION 8 - ELECTRICAL

FIGURE 8-24. BATTERY STACK HARNESS (LH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231686	Ref	BATTERY STACK HARNESS	B
1	4460019	4	Terminal, Ring	
2	4460891	2	Plug, Male - 2 Position	
2	4460465	4	Socket, Female	
3	1001112612	1	Connector - 9 Position	
3	4460464	5	Pin, Male	
3	4460466	4	Plug, Terminal	
4	4461157	1	Receptacle, Female - 2 Position	
4	4460850	2	Terminal	
5	4460742	1	Plug, Male - 2 Position	
5	4460790	2	Terminal	
6	4460256	3	Terminal, Ring	
7	4461261	1	Plug, Male - 1 Position	
7	4460509	1	Socket, Female	
8	1001116810	1	Plug, Male - 4 Position	
8	4460509	8	Socket, Female	
9	8220051	6	Terminal	
10	8220043	8	Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-25. BATTERY STACK HARNESS (RH)



ART_1001231685

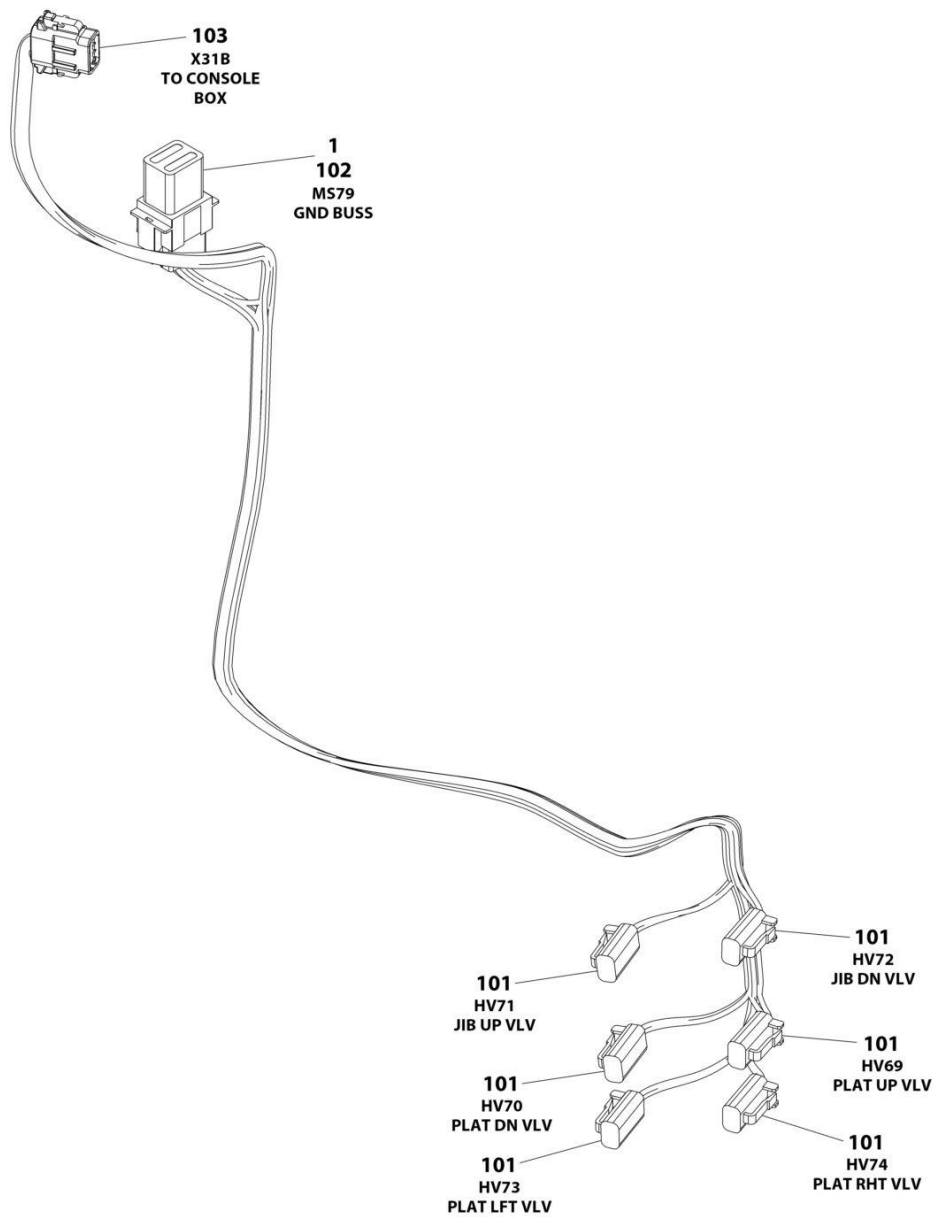
SECTION 8 - ELECTRICAL

FIGURE 8-25. BATTERY STACK HARNESS (RH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231685	Ref	BATTERY STACK HARNESS	A
1	4460256	3	Terminal, Ring	
2	4460019	4	Terminal, Ring	
3	4460891	2	Plug, Male - 2 Position	
3	4460465	4	Socket, Female	
4	4460539	1	Plug, Male - 3 Position	
4	4460465	3	Socket, Female	
5	4461157	1	Receptacle, Female - 2 Position	
5	4460850	2	Terminal	
6	4460742	1	Plug, Male - 2 Position	
6	4460790	2	Terminal	
7	4460836	1	Plug, Male - 12 Position	
7	4460465	9	Socket, Female	
7	4460466	3	Plug, Terminal	
8	4460950	1	Receptacle, Female - 12 Position	
8	4460464	9	Pin, Male	
8	4460466	3	Plug, Terminal	
9	1001112612	1	Connector - 9 Position	
9	4460464	5	Pin, Male	
10	4460884	1	Plug, Male - 4 Position	
10	4460465	4	Socket, Female	
11	8220051	6	Terminal	
12	8220043	8	Terminal	
13	4461261	1	Plug, Male - 1 Position	
13	4460509	1	Socket, Female	
14	1001116810	1	Plug, Male - 4 Position	
14	4460509	8	Socket, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-26. BOOM VALVE HARNESS



ART_1001222047

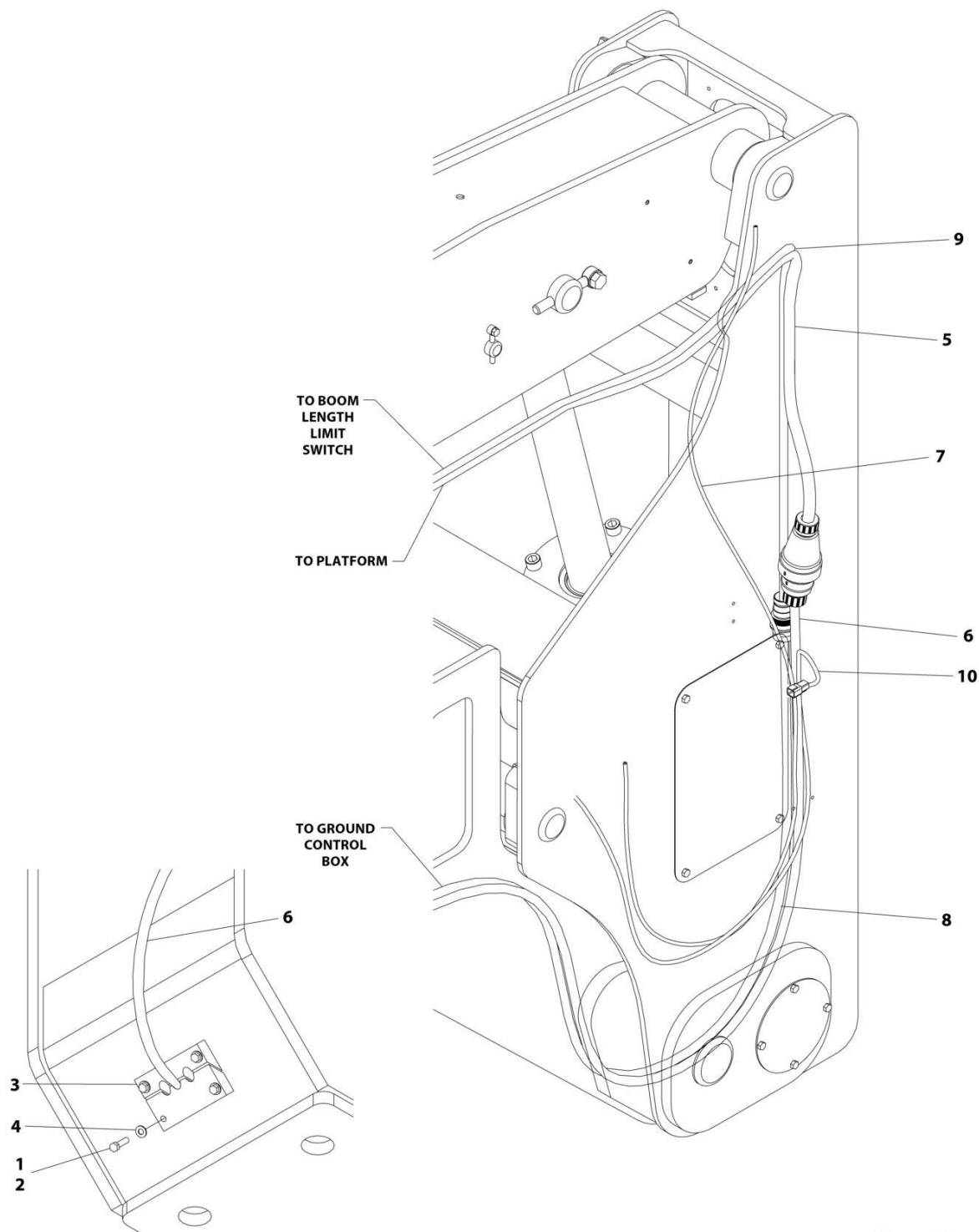
SECTION 8 - ELECTRICAL

FIGURE 8-26. BOOM VALVE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222047	Ref	BOOM VALVE HARNESS	B
1	4460852	1	Connector, Buss - 8 Position	
101	4460891	6	Plug, Male - 2 Position	
101	4460465	12	Socket, Female	
102	4460851	1	Plug, Male - 8 Position	
102	4460465	8	Socket, Female	
103	1001190577	1	Plug, Male - 8 Position	
103	1001126008	7	Socket, Female	
103	4460518	1	Plug, Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-27. BOOM CABLES INSTALLATION (MACHINES WITHOUT GENERATOR)



ART_1001223433

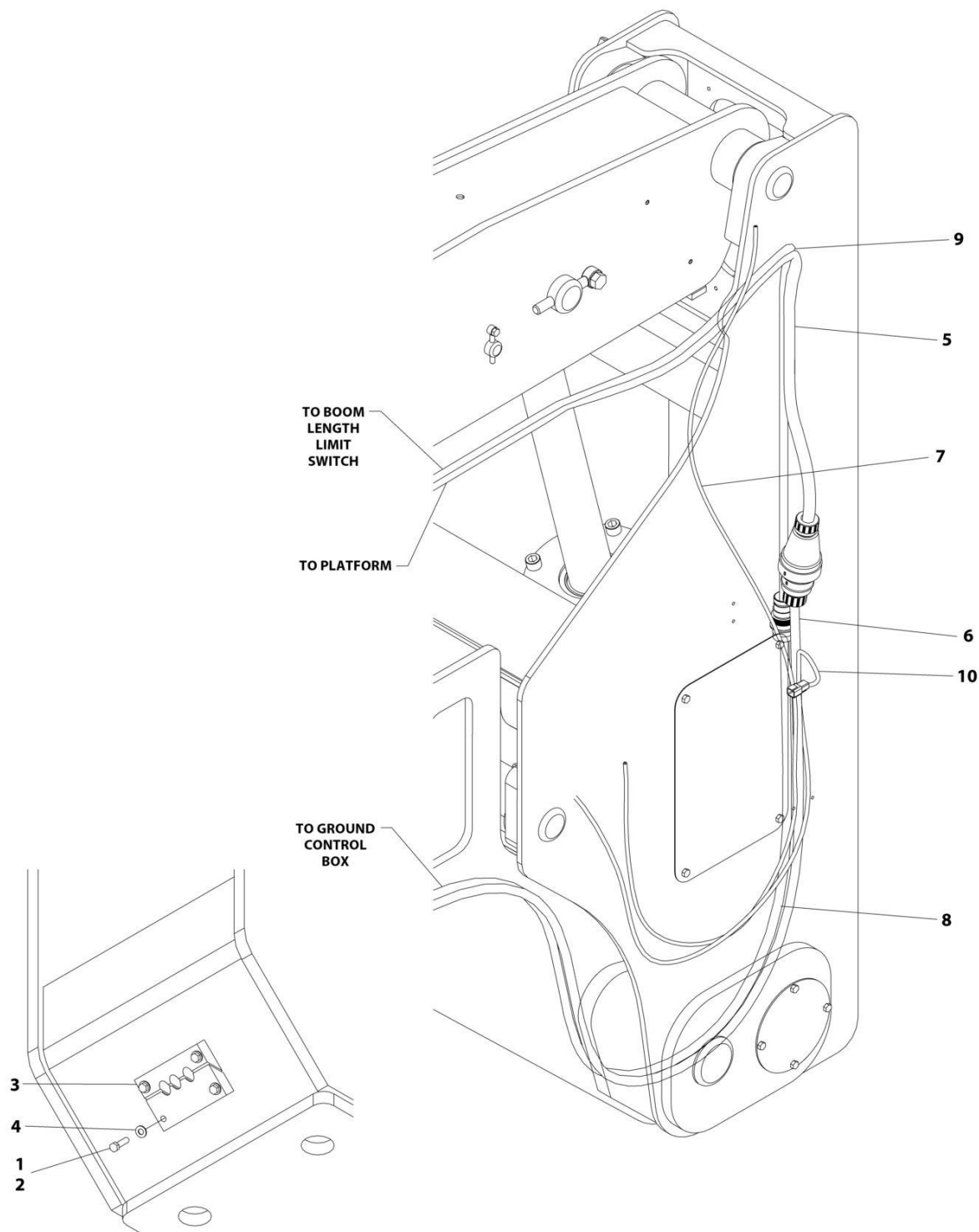
SECTION 8 - ELECTRICAL

FIGURE 8-27. BOOM CABLES INSTALLATION (MACHINES WITHOUT GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223433	Ref	BOOM CABLES INSTALLATION	D
1	0100011	AR	Compound, Locking	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	1320256	1	Clamp, Block	
4	4711600	4	Washer 3/8	
5	4922216	1	AC Cable, 10/3 (Main Boom)	
6	4922217	1	AC Cable, 10/3 (Tower Boom)	
7	4922578	2	Cable, Main Boom Elevation Limit Switch	
8	1001222055	1	Boom Cable - Tower Boom (See Separate Breakdown in this Section)	
9	1001227356	1	Boom Cable - Main Boom (See Separate Breakdown in this Section)	
10	1001227359	1	Tilt Sensor Harness	
10	1001097051	1	Connector - 4 Position	
10	1001097082	3	Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-28. BOOM CABLES INSTALLATION (AUSTRALIAN SPECS WITH 4000W GENERATOR)



ART_1001227853

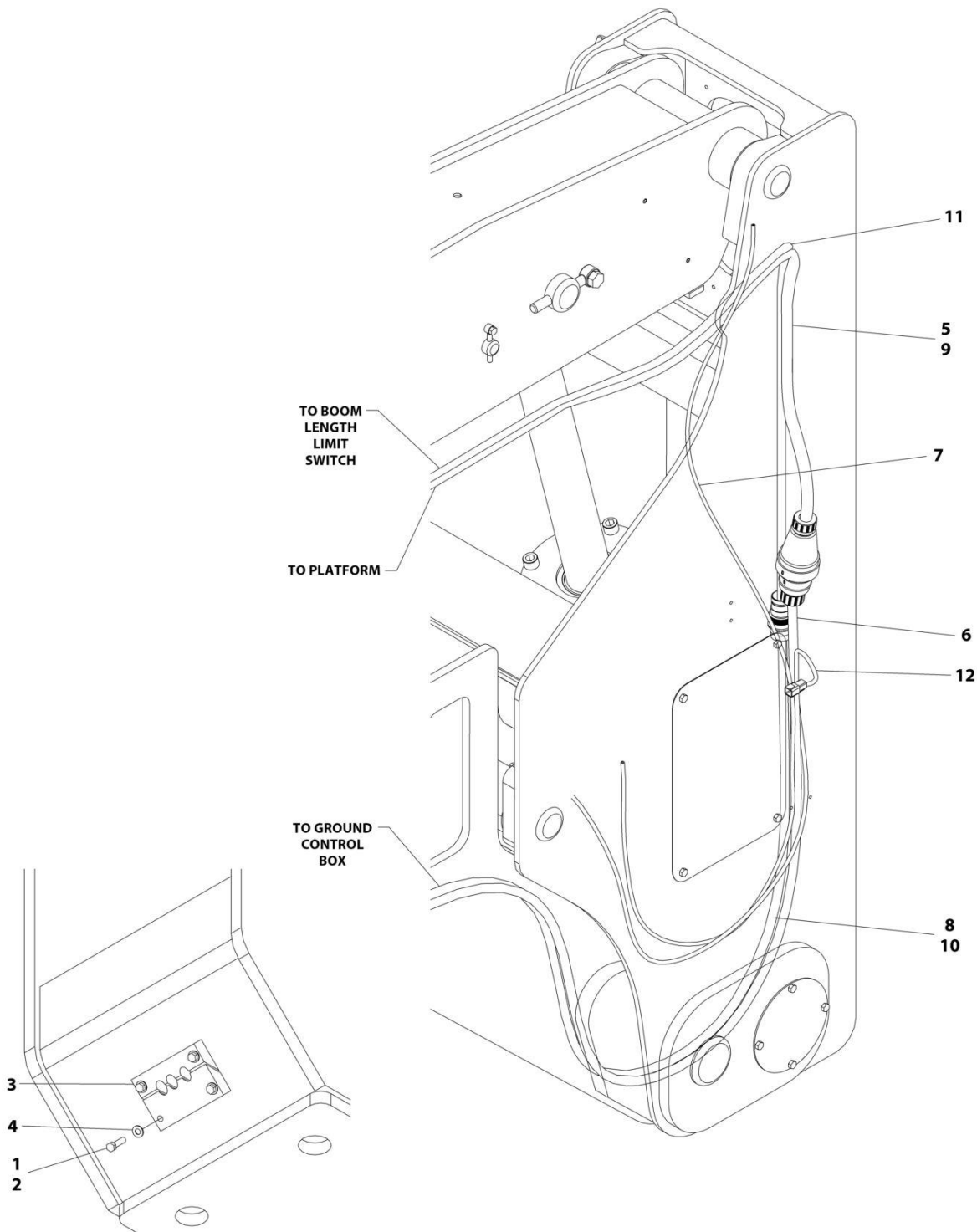
SECTION 8 - ELECTRICAL

FIGURE 8-28. BOOM CABLES INSTALLATION (AUSTRALIAN SPECS WITH 4000W GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227853	Ref	BOOM CABLES INSTALLATION	D
1	0100011	AR	Compound, Locking	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	1320256	1	Clamp, Block	
4	4711600	4	Washer 3/8	
5	4922219	1	AC Cable - 10/3 (Main Boom)	
6	4922220	1	AC Cable - 10/3 (Tower Boom)	
7	4922578	2	Cable, Main Boom Elevation Limit Switch	
8	1001222055	1	Boom Cable - Tower Boom (See Separate Breakdown in this Section)	
9	1001227356	1	Boom Cable - Main Boom (See Separate Breakdown in this Section)	
10	1001227359	1	Tilt Sensor Harness	
10	1001097051	1	Connector - 4 Position	
10	1001097082	3	Terminal	
11	4240099	AR	Tie-Strap (Not Shown)	

SECTION 8 - ELECTRICAL

FIGURE 8-29. BOOM CABLES INSTALLATION (CE SPECS WITH 4000W GENERATOR)



ART_1001227850

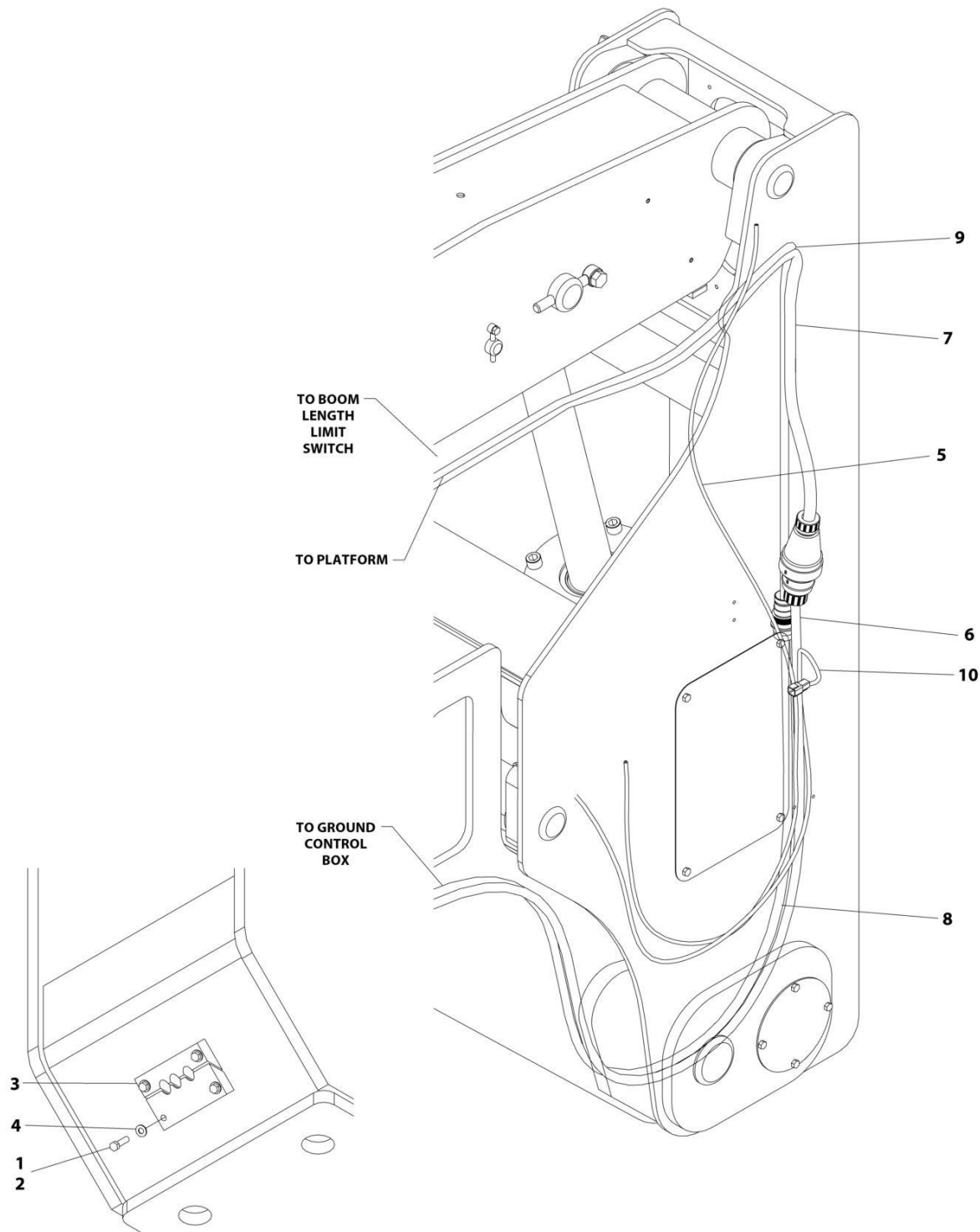
SECTION 8 - ELECTRICAL

FIGURE 8-29. BOOM CABLES INSTALLATION (CE SPECS WITH 4000W GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227850	Ref	BOOM CABLES INSTALLATION	D
1	0100011	AR	Compound, Locking	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	1320256	1	Clamp, Block	
4	4711600	4	Washer 3/8	
5	4922219	1	AC Cable - 10/3 (Main Boom)	
6	4922220	1	AC Cable - 10/3 (Tower Boom)	
7	4922578	2	Cable, Main Boom Elevation Limit Switch	
8	4922579	1	Boom Length Harness (Tower Boom)	
8	4460891	1	Plug, Male - 2 Position	
8	4460465	2	Socket, Female	
9	4922580	1	Boom Length Harness (Main Boom)	
9	4460897	1	Receptacle, Female	
9	4460464	2	Pin, Male	
10	1001222055	1	Boom Cable - Tower Boom (See Separate Breakdown in this Section)	
11	1001227356	1	Boom Cable - Main Boom (See Separate Breakdown in this Section)	
12	1001227359	1	Tilt Sensor Harness	
12	1001097051	1	Connector - 4 Position	
12	1001097082	3	Terminal	
13	4240099	AR	Tie-Strap (Not Shown)	

SECTION 8 - ELECTRICAL

FIGURE 8-30. BOOM CABLES INSTALLATION (ANSI, ANSI EXPORT, CHINA, CSA & JAPANESE SPECS WITH 7500W GENERATOR)



ART_1001227851

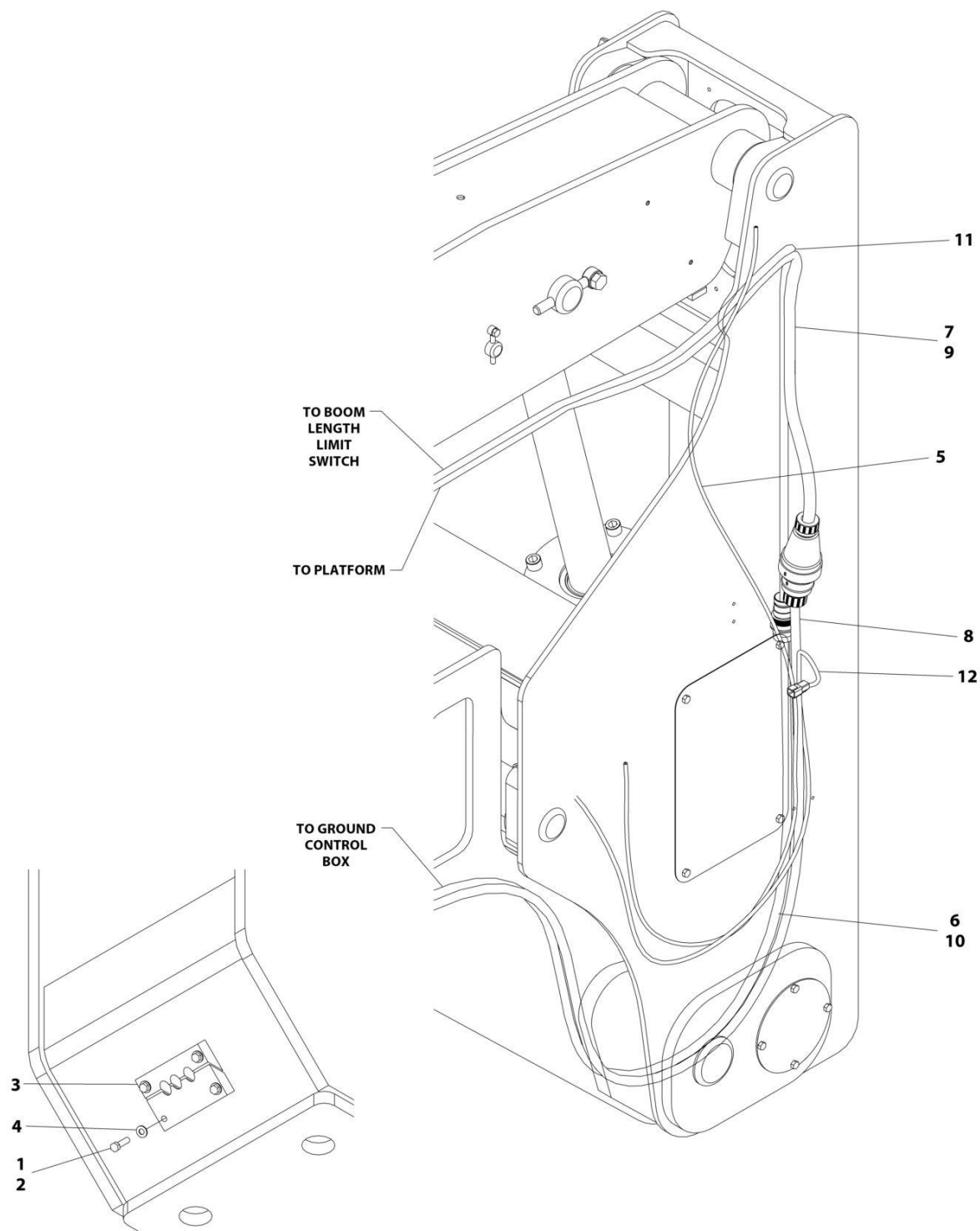
SECTION 8 - ELECTRICAL

FIGURE 8-30. BOOM CABLES INSTALLATION (ANSI, ANSI EXPORT, CHINA, CSA & JAPANESE SPECS WITH 7500W GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227851	Ref	BOOM CABLES INSTALLATION	D
1	0100011	AR	Compound, Locking	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	1320256	1	Clamp, Block	
4	4711600	4	Washer 3/8	
5	4922578	2	Cable, Main Boom Elevation Limit Switch	
6	1001125125	1	AC Cable 8/5 (Tower Boom)	
7	1001125126	1	AC Cable 8/5 (Main Boom)	
8	1001222055	1	Boom Cable - Tower Boom (See Separate Breakdown in this Section)	
9	1001227356	1	Boom Cable - Main Boom (See Separate Breakdown in this Section)	
10	1001227359	1	Tilt Sensor Harness	
10	1001097051	1	Connector - 4 Position	
10	1001097082	3	Terminal	
13	4240099	AR	Tie-Strap (Not Shown)	

SECTION 8 - ELECTRICAL

FIGURE 8-31. BOOM CABLES INSTALLATION (AUSTRALIAN & CE SPECS WITH 7500W GENERATOR)



ART_1001227852

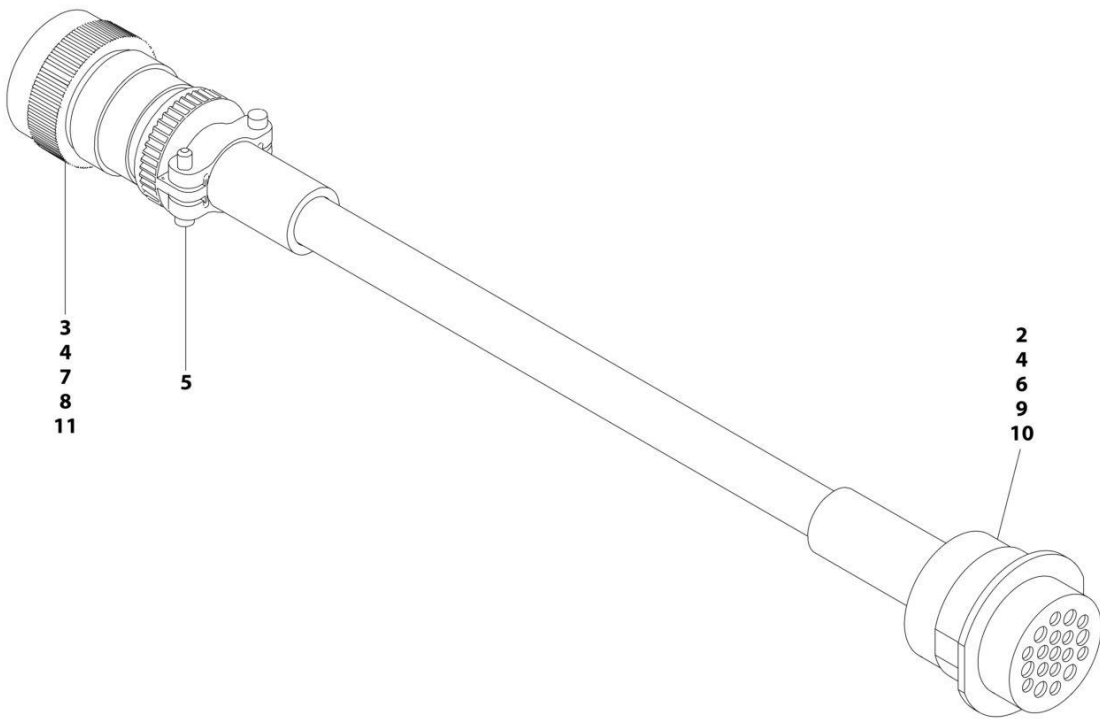
SECTION 8 - ELECTRICAL

FIGURE 8-31. BOOM CABLES INSTALLATION (AUSTRALIAN & CE SPECS WITH 7500W GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227852	Ref	BOOM CABLES INSTALLATION	D
1	0100011	AR	Compound, Locking	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	1320256	1	Clamp, Block	
4	4711600	4	Washer 3/8	
5	4922578	2	Cable, Main Boom Elevation Limit Switch	
6	4922579	1	Boom Length Harness (Tower Boom)	
6	4460891	1	Plug, Male - 2 Position	
6	4460465	2	Socket, Female	
7	4922580	1	Boom Length Harness (Main Boom)	
7	4460897	1	Receptacle, Female	
7	4460464	2	Pin, Male	
8	1001125125	1	AC Cable 8/5 (Tower Boom)	
9	1001125126	1	AC Cable 8/5 (Tower Boom)	
10	1001222055	1	Boom Cable - Tower Boom (See Separate Breakdown in this Section)	
11	1001227356	1	Boom Cable - Main Boom (See Separate Breakdown in this Section)	
12	1001227359	1	Tilt Sensor Harness	
12	1001097051	1	Connector - 4 Position	
12	1001097082	3	Terminal	
15	4240099	AR	Tie-Strap (Not Shown)	

SECTION 8 - ELECTRICAL

FIGURE 8-32. BOOM CABLE - MAIN BOOM



AI

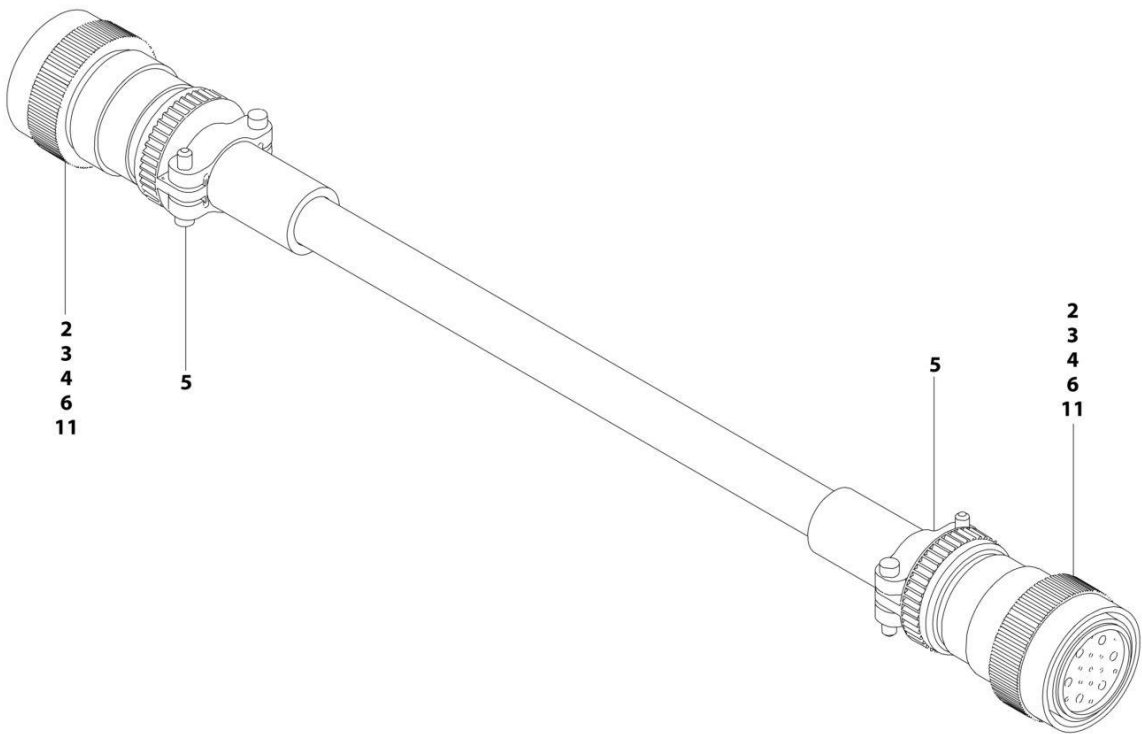
SECTION 8 - ELECTRICAL

FIGURE 8-32. BOOM CABLE - MAIN BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227356	Ref	BOOM CABLE - MAIN BOOM	A
2	4460464	8	Pin, Male	
3	4460465	8	Socket, Female	
4	4460466	10	Plug, Terminal	
5	4460473	1	Clamp	
6	4460508	4	Pin, Male	
7	4460509	4	Socket, Female	
8	4460865	1	Connector - 19 Position	
9	4460866	1	Connector - 19 Position	
10	4460943	2	Pin, Male	
11	4460944	2	Socket, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-33. BOOM CABLE - TOWER BOOM



ART_1001222055

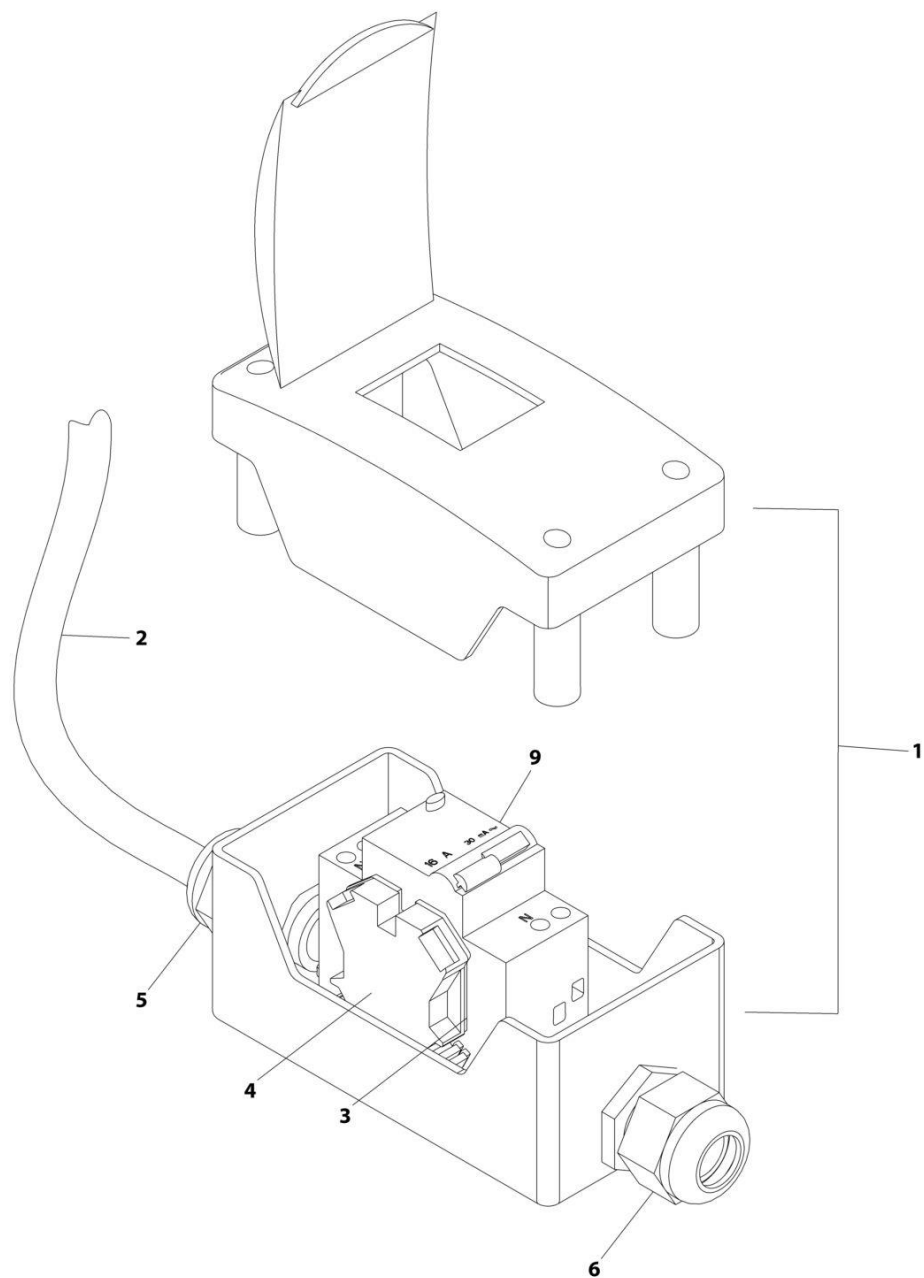
SECTION 8 - ELECTRICAL

FIGURE 8-33. BOOM CABLE - TOWER BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222055	Ref	BOOM CABLE - TOWER BOOM	C
2	4460465	10	Socket, Female	
3	4460865	2	Connector - 19 Position	
4	4460509	8	Socket, Female	
5	4460473	2	Clamp	
6	4460466	10	Plug, Terminal	
11	4460944	10	Socket, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-34. BREAKER BOX KIT - WITH 2 BREAKERS (CE SPECS WITHOUT 4000W GENERATOR & BRAZIL SPECS)



ART_1001109654

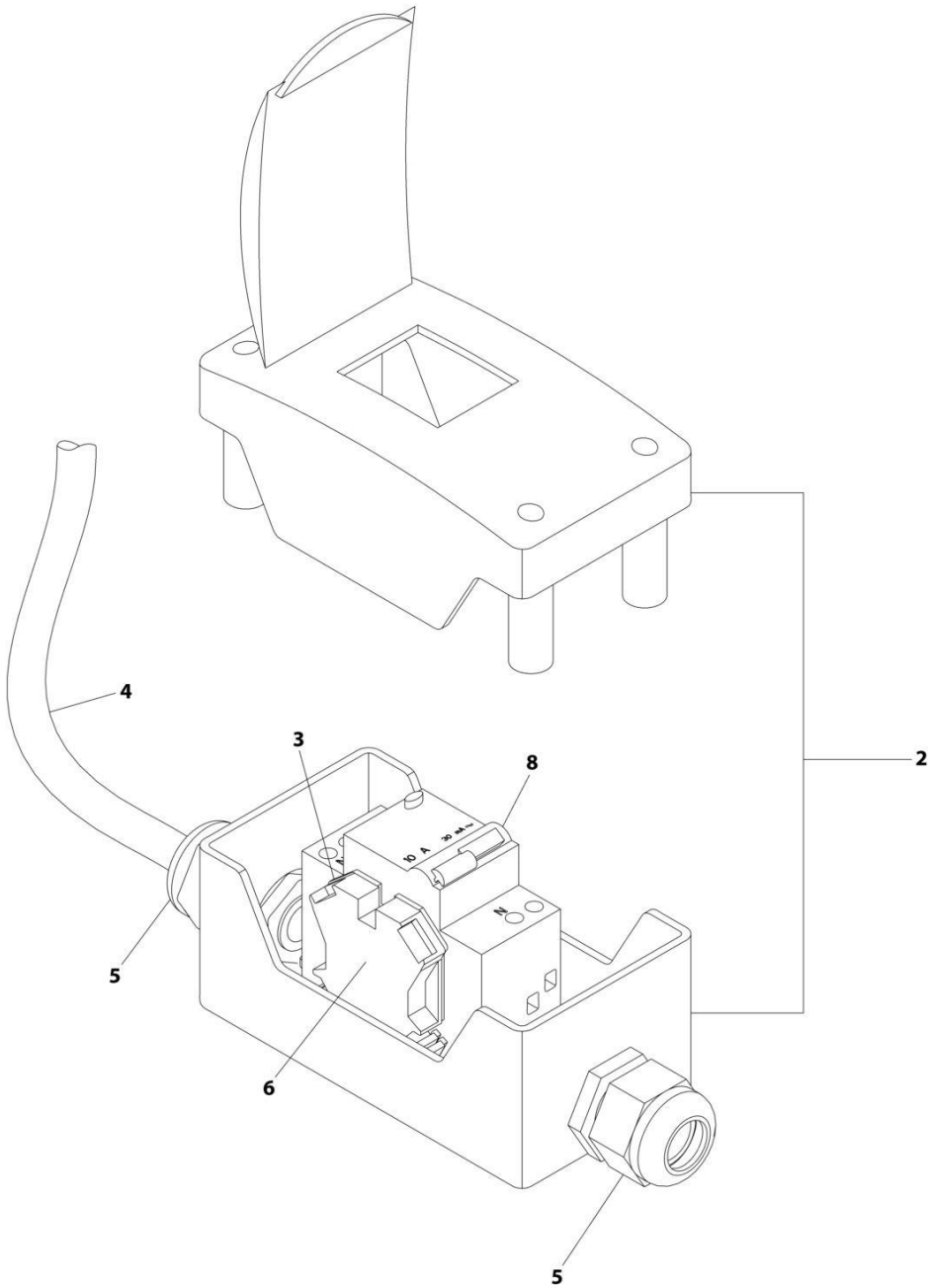
SECTION 8 - ELECTRICAL

FIGURE 8-34. BREAKER BOX KIT - WITH 2 BREAKERS (CE SPECS WITHOUT 4000W GENERATOR & BRAZIL SPECS)

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

SECTION 8 - ELECTRICAL

FIGURE 8-35. BREAKER BOX KIT - WITH 2 BREAKERS (CE SPECS WITH 4000W GENERATOR)



ART_1001165368

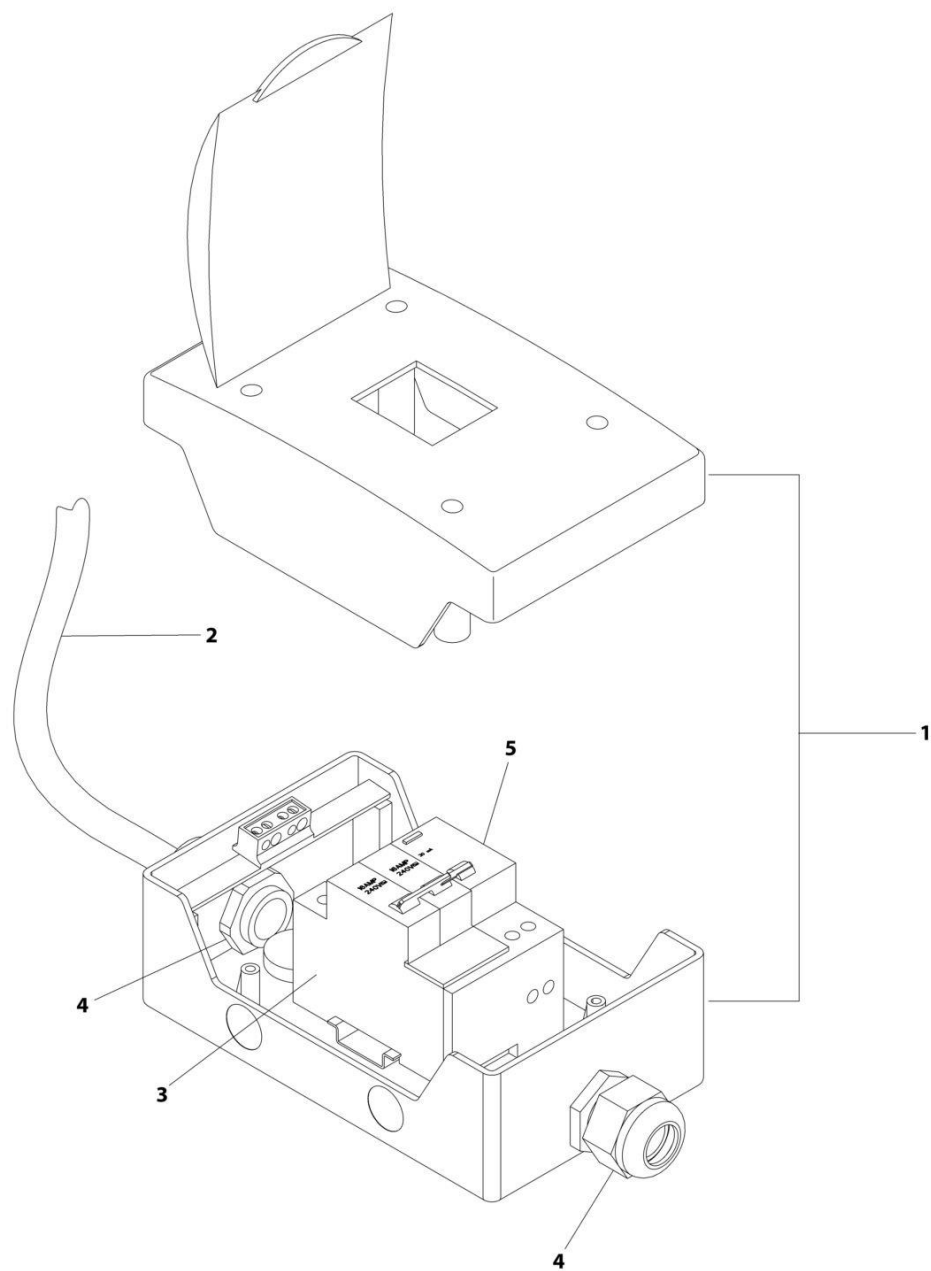
SECTION 8 - ELECTRICAL

FIGURE 8-35. BREAKER BOX KIT - WITH 2 BREAKERS (CE SPECS WITH 4000W GENERATOR)

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

SECTION 8 - ELECTRICAL

FIGURE 8-36. BREAKER BOX KIT - WITH 3 BREAKERS (CE SPECS WITH 4000W GENERATOR)



ART_1001205690

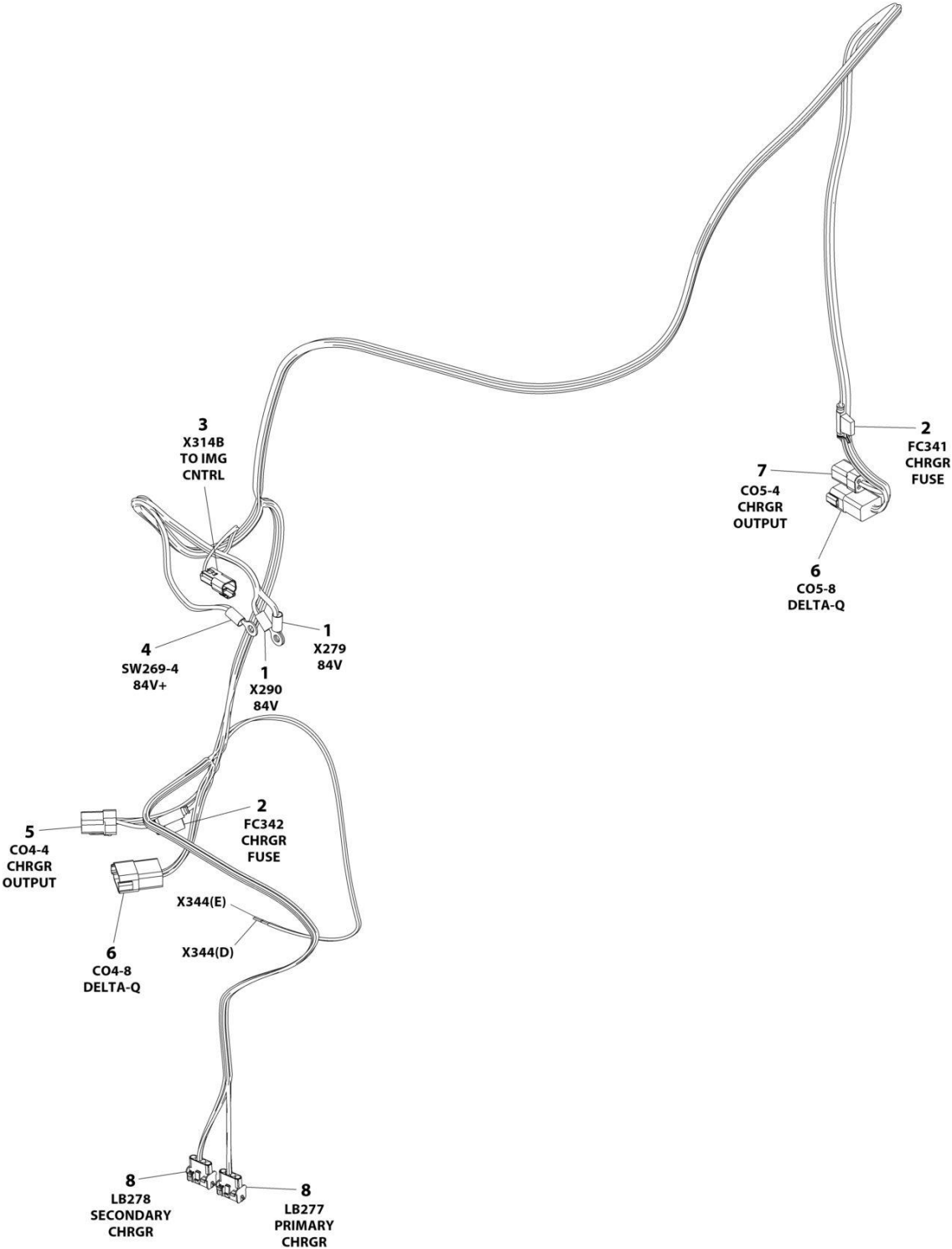
SECTION 8 - ELECTRICAL

FIGURE 8-36. BREAKER BOX KIT - WITH 3 BREAKERS (CE SPECS WITH 4000W GENERATOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205690	Ref	BREAKER BOX KIT	A
1	1001152483	1	Box, Breaker	
2	1060545	12 ft / 3.6m	Cable, Electrical 10/3	
3	1001189172	1	Breaker 16Amp Double	
4	1001101191	2	Connector, Strain Relief	
5	1001189171	1	Breaker 30mA	

SECTION 8 - ELECTRICAL

FIGURE 8-37. CHARGER HARNESS



ART_1001222052

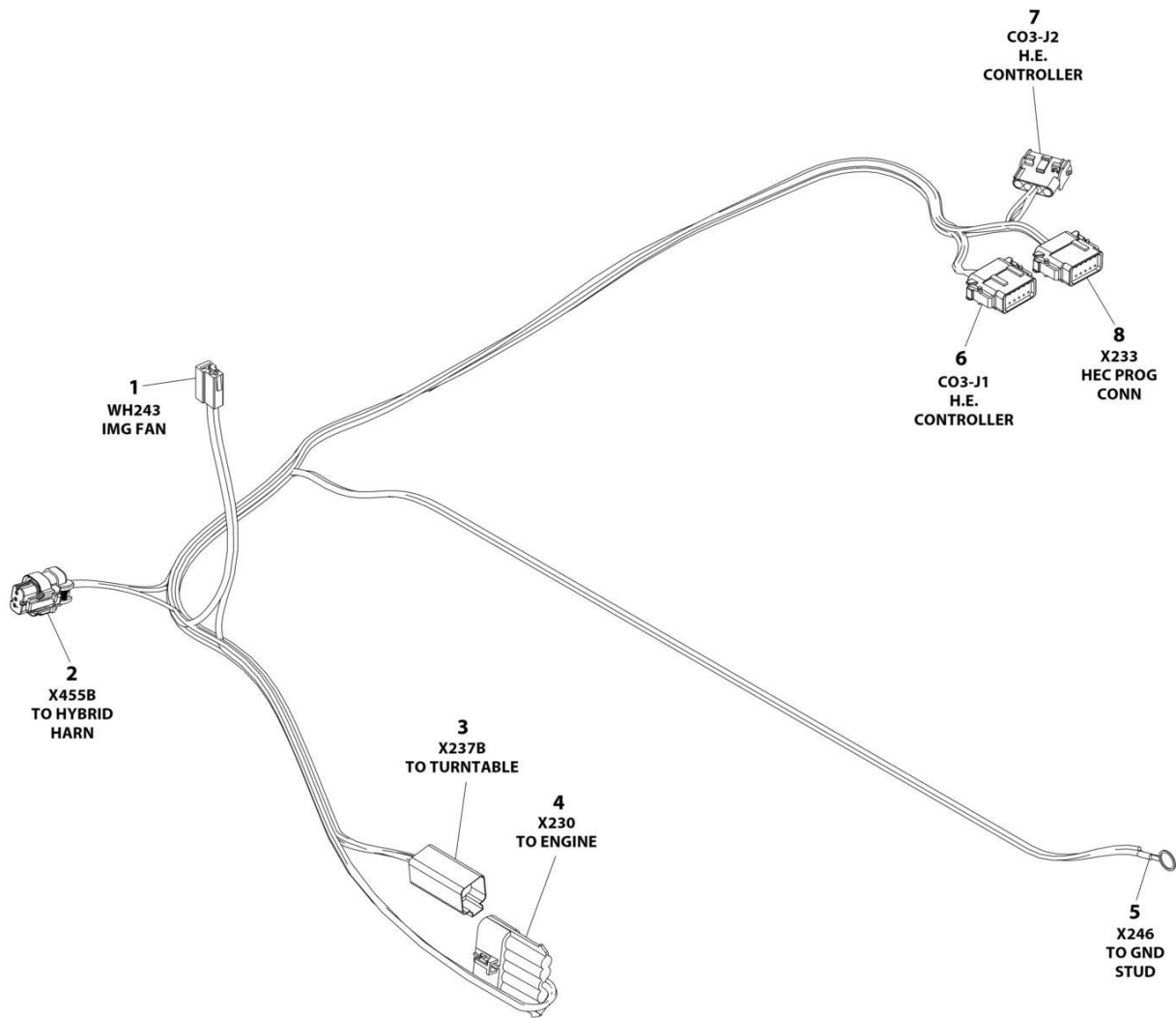
SECTION 8 - ELECTRICAL

FIGURE 8-37. CHARGER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222052	Ref	CHARGER HARNESS	D
1	8220045	2	Terminal, Ring	
2	2400081	2	Fuseholder with Cover	
2	See Note	2	Fuse - 15 Amp (Note: Purchase Locally)	
3	4460897	1	Receptacle, Female - 2 Position	
3	4460464	2	Pin, Male	
4	1001130900	1	Terminal, Ring	
5	1001225476	1	Connector - 4 Position	
5	1001225591	4	Terminal	
6	4460931	2	Receptacle, Female - 8 Position	
6	4460464	17	Pin, Male	
6	4460466	2	Plug, Terminal	
7	1001225477	1	Connector - 4 Position	
7	1001225591	2	Terminal	
8	4460761	2	Receptacle, Female - 4 Position	
8	4460226	8	Socket, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-38. CONTROL HARNESS



ART_1001228985

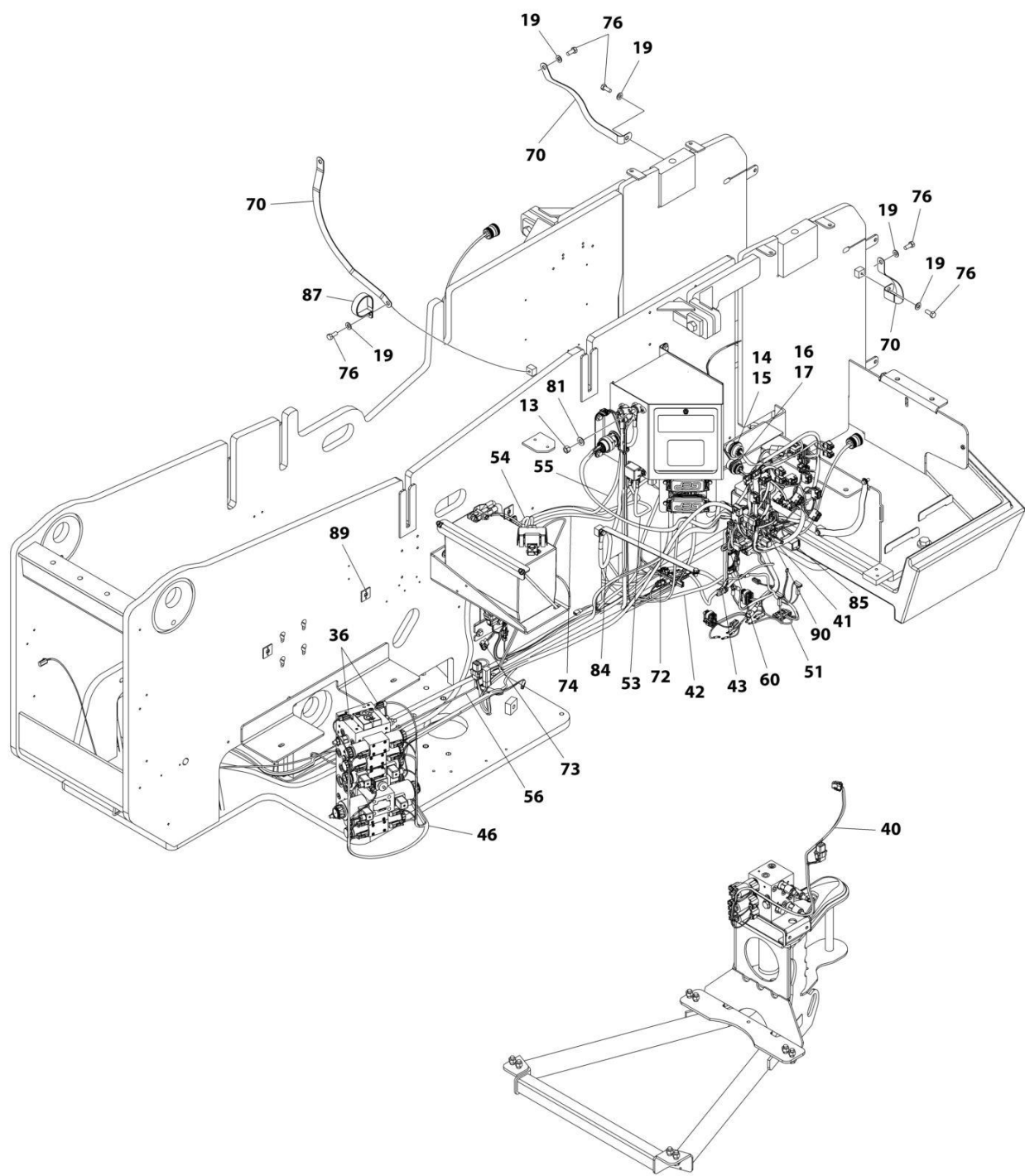
SECTION 8 - ELECTRICAL

FIGURE 8-38. CONTROL HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228985	Ref	CONTROL HARNESS	D
1	4460994	1	Housing, Terminal	
1	1001116723	2	Terminal	
2	1001200497	1	Plug, Male - 3 Position	
2	4460465	3	Socket, Female	
3	4460899	1	Receptacle, Female - 6 Position	
3	4460943	2	Pin, Male	
3	4460464	3	Pin, Male	
3	4460466	1	Plug, Terminal	
4	1001121727	1	Plug, Male - 5 Position	
4	1001116745	2	Socket, Female	
4	8220162	1	Socket, Female	
4	4460508	2	Seal	
4	80963067	1	Seal	
4	1001116727	2	Plug, Terminal	
5	8220019	1	Terminal, Ring	
6	1001116808	1	Plug, Male - 12 Position	
6	1001116694	5	Socket, Female	
6	4460518	7	Plug, Terminal	
7	1001116774	1	Plug, Male - 12 Position	
7	1001119619	2	Socket, Female	
7	1001116694	2	Socket, Female	
7	4460518	8	Plug, Terminal	
8	4460761	1	Receptacle, Female - 4 Position	
8	4460226	4	Socket, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-39. ELECTRICAL SYSTEM INSTALLATION



ART_1001223978_2OF2

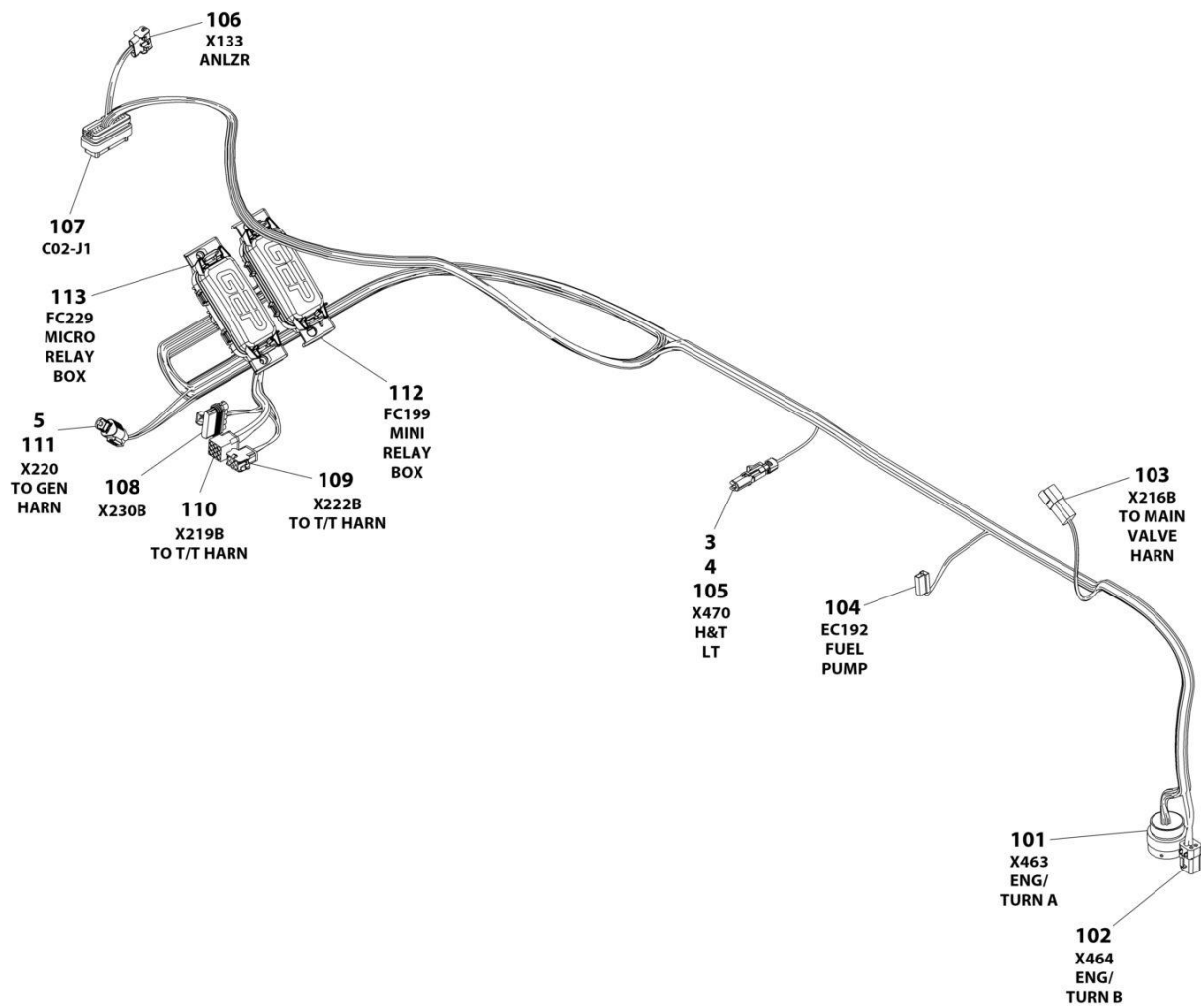
SECTION 8 - ELECTRICAL

FIGURE 8-39. ELECTRICAL SYSTEM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223978	Ref	ELECTRICAL SYSTEM INSTALLATION - ELECTRICAL SECTION	I
2	0100048	AR	Grease, Dielectric (Not Shown)	
13	3311605	1	Nut 3/8	
13	3311601	1	Nut 3/8	
14	4460470	1	Nut	
15	4460471	1	Washer	
16	4460496	1	Washer	
17	4460497	1	Nut	
19	4711500	10	Washer 5/16	
36	1001144295	2	Cap	
37	1001146588	2	Tie-Strap (Not Shown)	
40	1001222047	1	Boom Valve Harness (See Separate Breakdown in this Section)	
41	1001222048	1	Ground Control Harness (See Separate Breakdown in this Section)	
42	1001222052	1	Charger Harness (See Separate Breakdown in this Section)	
43	1001222369	1	Resolver/Converter/Inverter Harness (See Separate Breakdown in this Section)	
46	1001223260	1	Main Valve Harness (See Separate Breakdown in this Section)	
51	1001225994	1	Hybrid 84V Harness (See Separate Breakdown in this Section)	
53	1001226267	1	Cable, Ignition Relay to Fusebox	
54	1001226268	1	Cable, Battery to Ignition Relay	
55	1001226270	1	Cable, Negative to Stud	
56	1001226404	1	H-Bridge/Clutch Harness (See Separate Breakdown in this Section)	
60	1001226522	1	Cable, Resolver/Converter to Ignition Control	
70	1001227925	5	Cable, Ground Strap	
72	1001228984	1	Turntable Harness (See Separate Breakdown in this Section)	
73	1001228985	1	Controller Harness (See Separate Breakdown in this Section)	
74	1001226269	1	Cable, B+ to Fuse	
76	0641506	10	Bolt 5/16 x 3/4	
81	4711600	1	Washer	
83	1001181923	1	Panel, Hose Shield (Not Shown) (Prior to SN 0300254183)	
84	1001233420	1	Cable, Chassis Ground	
85	1001227080	1	Electrical Assembly, Terminator (Connect to Item 72)	
86	4240099	4	Tie-Strap (Not Shown)	
87	8410001	1	Clamp	
89	4460488	3	Terminal, Mount	
90	4460708	2	Connector - 15 Position (SN 0300254183 through 0300270863)	
100	1001233441	1	Cable, Battery to Ignition Kit (Not Shown)	
101	1001222370	1	Cable, System B+	
102	1001222371	1	Cable, System B- Ignition	
103	1001222372	1	Cable, 3 Phase Motor (U)	
104	1001223949	1	Cable, 3 Phase Motor (V)	
105	1001223950	1	Cable, 3 Phase Motor (W)	

SECTION 8 - ELECTRICAL

FIGURE 8-40. ENGINE HARNESS - KUBOTA



ART_1001222050

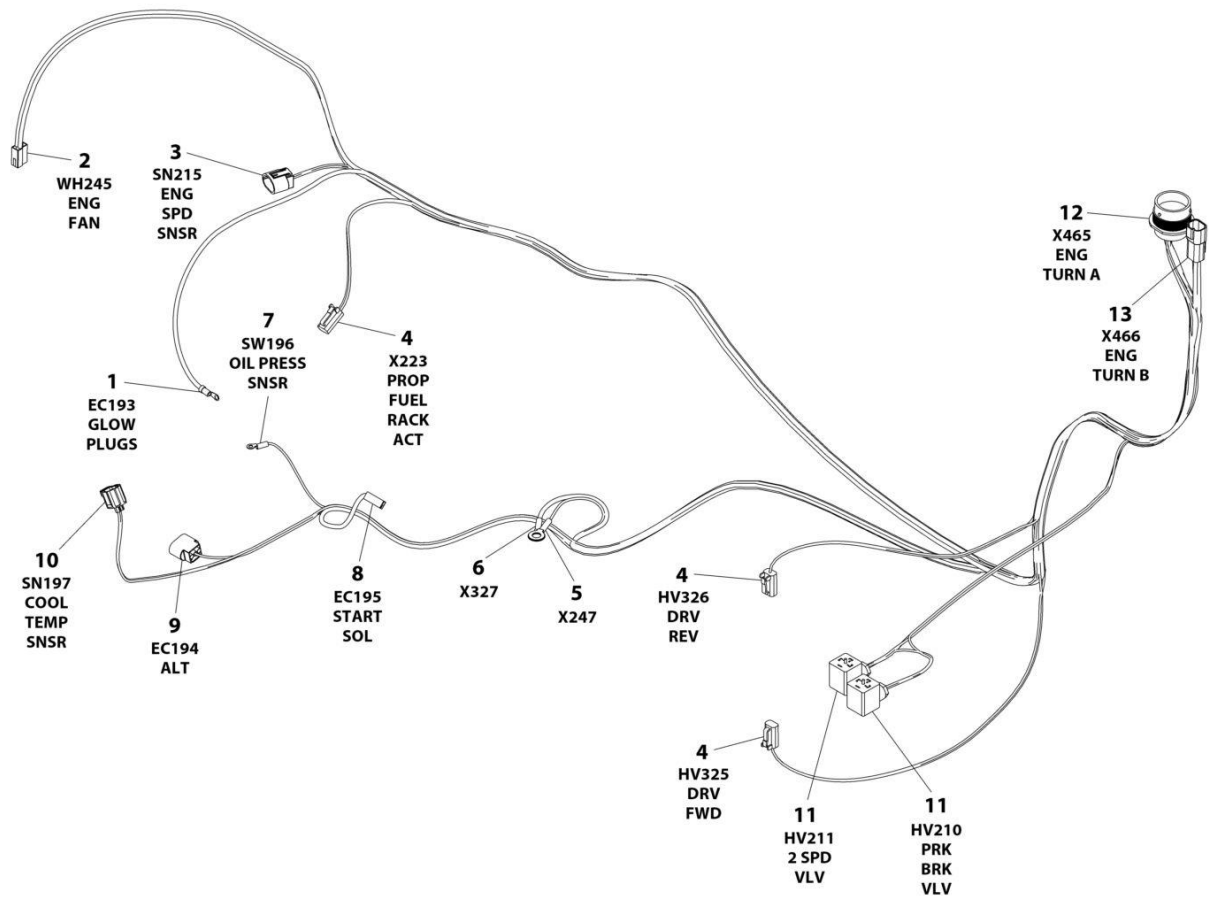
SECTION 8 - ELECTRICAL

FIGURE 8-40. ENGINE HARNESS - KUBOTA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222050	Ref	ENGINE HARNESS - KUBOTA	F
3	80963056	1	Connector - 1 Position	
4	1001116727	1	Plug	
5	1001144296	1	Cap	
101	1001147923	1	Connector - 24 Position	
101	4460465	17	Socket - Female	
101	4460466	7	Plug, Terminal	
102	1001200497	1	Plug, Male - 4 Position	
102	1001150611	3	Socket, Female	
102	4460466	1	Plug, Terminal	
103	4460932	1	Receptacle, Female - 4 Position	
103	4460464	4	Pin, Male	
104	1001118744	1	Housing, Terminal	
104	1001118745	2	Terminal	
105	80963055	1	Plug, Male - 1 Position	
105	4460457	1	Terminal	
105	4460458	1	Seal	
106	4460761	1	Receptacle, Female - 4 Position	
106	4460226	4	Socket - Female	
107	4460874	1	Connector - 35 Position	
107	4460871	25	Socket, Female	
107	4460905	10	Plug, Terminal	
108	1001121726	1	Receptacle, Female - 5 Position	
108	4460746	2	Terminal	
108	8220125	2	Terminal	
108	4460458	2	Seal	
108	80963067	2	Seal	
108	4460748	2	Plug, Terminal	
109	4460224	1	Receptacle, Female - 6 Position	
109	4460267	4	Pin, Male	
110	4460266	1	Receptacle, Female - 9 Position	
110	4460705	7	Pin, Male	
111	4460539	1	Plug, Male - 3 Position	
111	4460465	3	Socket, Female	
112	1001223460	1	Holder, Relay	
112	1001233761	5	Terminal	
112	8220099	3	Terminal	
112	1001234288	5	Seal	
112	1001234289	3	Seal	
112	1001234287	6	Plug, Terminal	
113	1001185964	1	Holder, Relay	
113	4460746	13	Terminal	
113	8220125	5	Terminal	
113	1001116747	1	Terminal	
113	4460458	13	Seal	
113	80963067	6	Seal	
113	4460789	1	Seal	

SECTION 8 - ELECTRICAL

FIGURE 8-41. ENGINE TRAY HARNESS



ART_1001230605

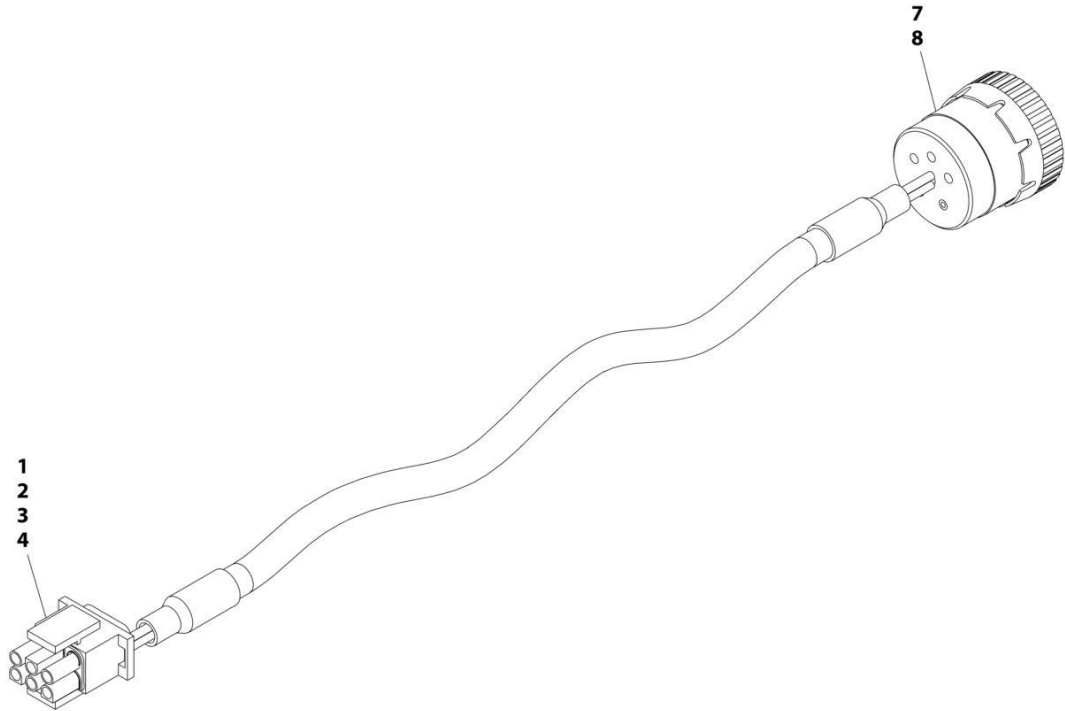
SECTION 8 - ELECTRICAL

FIGURE 8-41. ENGINE TRAY HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230605	Ref	ENGINE TRAY HARNESS	D
1	4460142	1	Terminal, Ring	
2	4460994	1	Housing, Terminal	
2	1001236489	2	Terminal	
3	1001223431	1	Connector - 3 Position	
3	1001223794	3	Socket, Female	
3	1001223797	3	Seal	
4	4460891	3	Plug, Male - 2 Position	
4	4460465	6	Socket, Female	
5	4460019	1	Terminal, Ring	
6	4460256	1	Terminal, Ring	
7	8220007	1	Terminal, Ring	
8	1001116995	1	Housing, Terminal	
8	1001236490	1	Terminal	
9	1001125748	1	Receptacle, Female - 3 Position	
9	1001129773	2	Pin, Male	
9	1001125773	1	Pin, Male	
9	1001129772	1	Seal	
10	1001118657	1	Plug, Male - 2 Position	
10	1001188387	2	Terminal	
10	1001118659	2	Seal	
11	4460880	2	Connector, DIN	
12	1001148106	1	Connector - 23 Position	
12	4460464	16	Pin, Male	
12	4460466	7	Plug, Terminal	
13	1001116811	1	Receptacle, Female - 4 Position	
13	1001150610	3	Pin, Male	
13	4460508	1	Pin, Male	

SECTION 8 - ELECTRICAL

FIGURE 8-42. GENERATOR HARNESS - 4000W



ART_1001152532

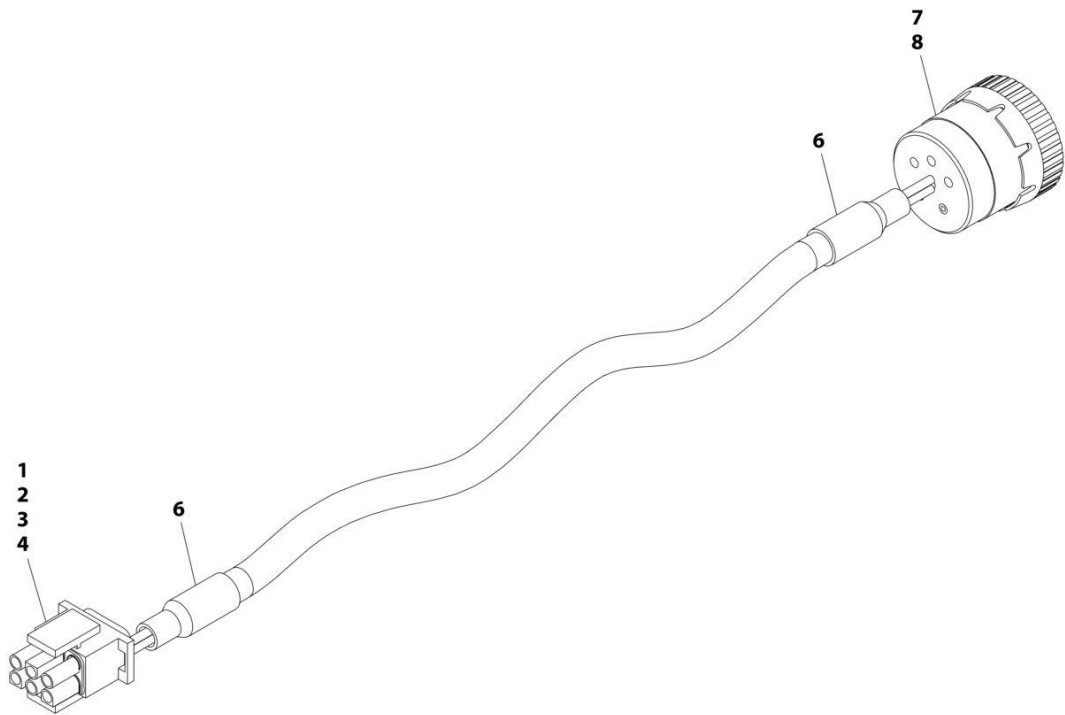
SECTION 8 - ELECTRICAL

FIGURE 8-42. GENERATOR HARNESS - 4000W

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001152532	Ref	GENERATOR HARNESS	A
1	4460225	1	Connector - 6 Position	
2	4460268	2	Socket, Female	
3	4460807	1	Seal	
4	4460808	1	Seal	
7	4460465	2	Socket, Female	
8	77363233	1	Connector - 6 Position	

SECTION 8 - ELECTRICAL

FIGURE 8-43. GENERATOR HARNESS - 7500W SKYPOWER



ART_4922925

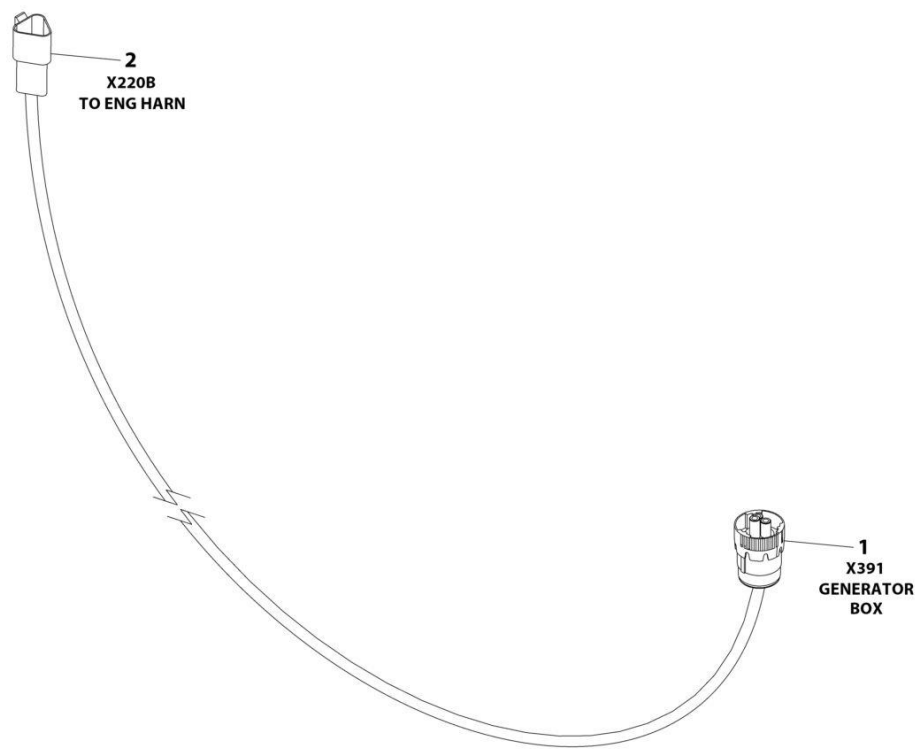
SECTION 8 - ELECTRICAL

FIGURE 8-43. GENERATOR HARNESS - 7500W SKYPOWER

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

SECTION 8 - ELECTRICAL

FIGURE 8-44. GENERATOR HARNESS - 4000W AND 7500W SKYPOWER



ART_1001231225

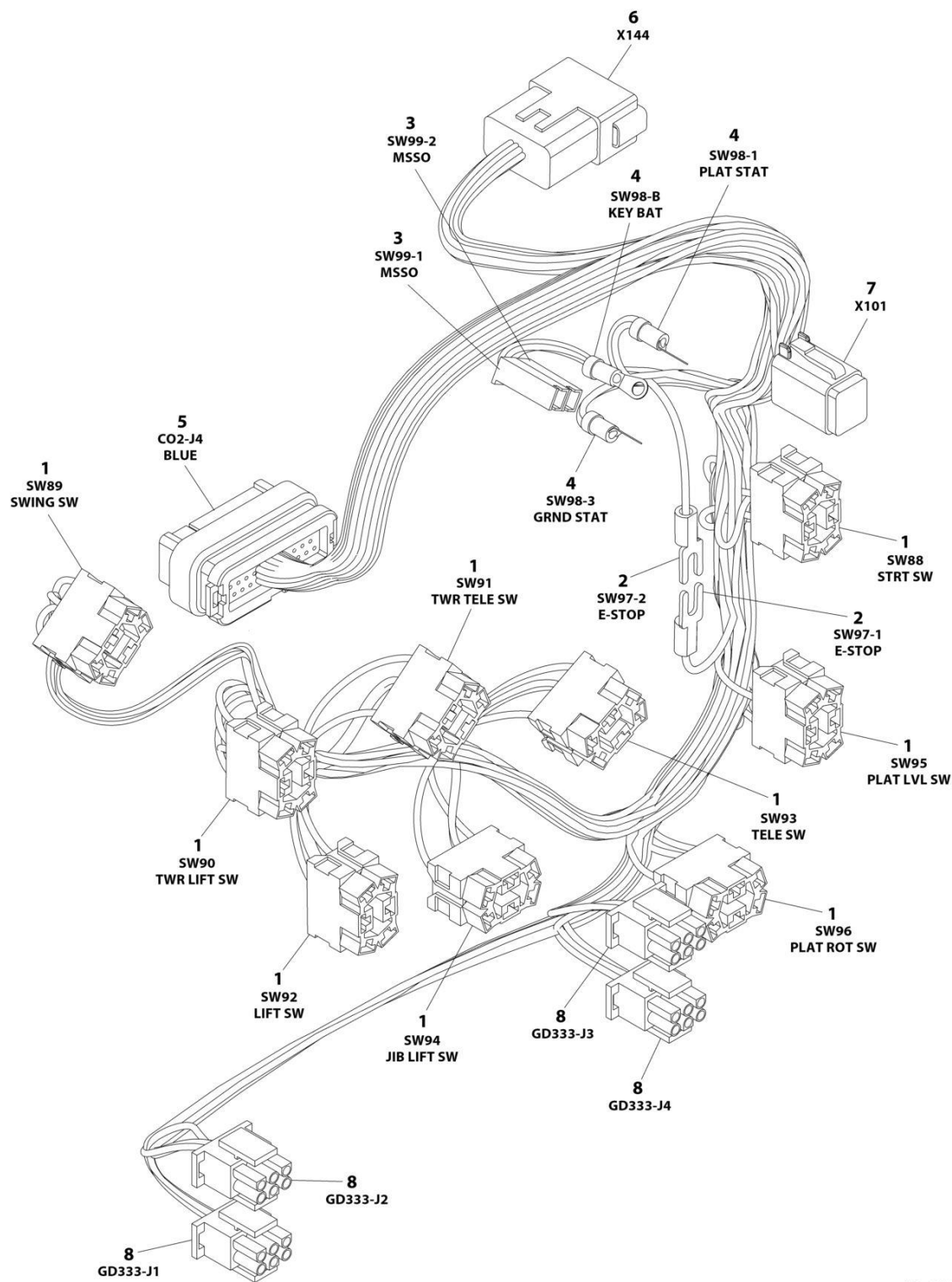
SECTION 8 - ELECTRICAL

FIGURE 8-44. GENERATOR HARNESS - 4000W AND 7500W SKYPOWER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231225	Ref	GENERATOR ENABLE HARNESS	A
1	4460967	1	Plug, Male - 3 Position	
1	4460465	3	Socket, Female	
2	4460536	1	Receptacle, Female - 3 Position	
2	4460464	3	Pin, Male	

SECTION 8 - ELECTRICAL

FIGURE 8-45. GROUND CONTROL BOX HARNESS



ART_1001222048

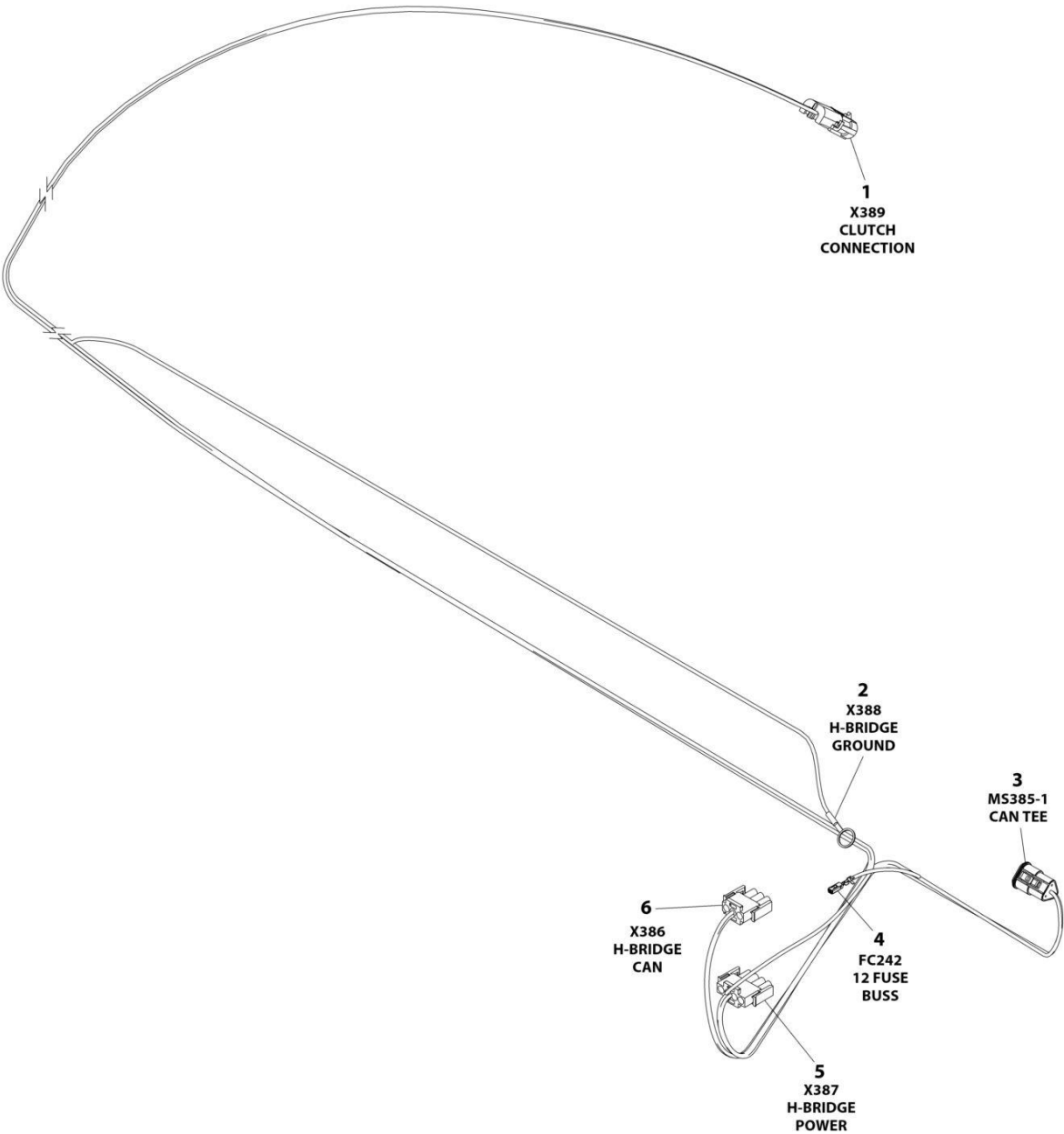
SECTION 8 - ELECTRICAL

FIGURE 8-45. GROUND CONTROL BOX HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222048	Ref	GROUND CONTROL BOX HARNESS	D
1	4460418	9	Connector, Switch	
1	1001159186	19	Terminal	
1	4460419	16	Terminal	
2	4460144	2	Terminal, Ring	
3	4460260	1	Housing, Terminal	
3	4460259	2	Terminal	
4	4460042	3	Terminal, Ring	
5	4460876	1	Connector - 35 Position	
5	4460871	27	Socket, Female	
5	4460905	8	Plug, Terminal	
6	4460970	1	Receptacle, Female - 12 Position	
6	4460464	8	Pin, Male	
6	4460943	2	Pin, Male	
6	4460466	2	Plug, Terminal	
7	4460894	1	Plug, Male - 6 Position	
7	4460465	4	Socket, Female	
7	4460466	2	Plug, Terminal	
8	4460225	4	Plug, Male - 2 Position	
8	4460226	10	Socket, Female	
8	4460268	4	Socket, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-46. H-BRIDGE/CLUTCH HARNESS



ART_1001226404

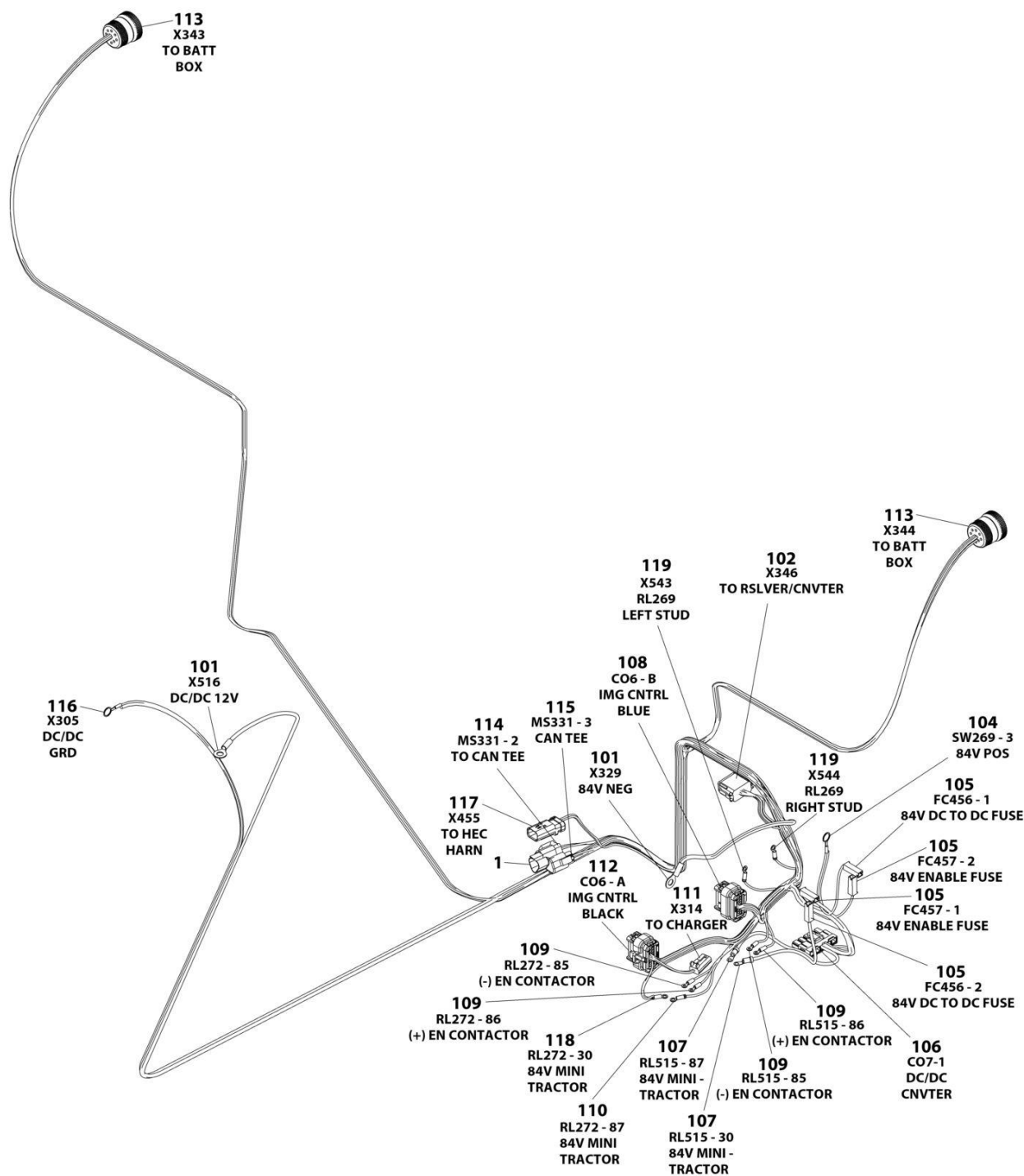
SECTION 8 - ELECTRICAL

FIGURE 8-46. H-BRIDGE/CLUTCH HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226404	Ref	H-BRIDGE/CLUTCH HARNESS	C
1	4461157	1	Receptacle, Female - 2 Position	
1	4460979	2	Socket, Female	
2	4460722	1	Terminal, Ring	
3	1001116812	1	Plug, Male - 3 Position	
3	4460944	2	Socket, Female	
3	4460466	1	Plug, Terminal	
4	1001189750	1	Terminal	
5	1001119031	1	Plug, Male - 4 Position	
5	4460268	4	Socket, Female	
6	4460326	1	Plug, Male - 3 Position	
6	4460268	3	Socket, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-47. HYBRID 84V HARNESS



ART_1001225994

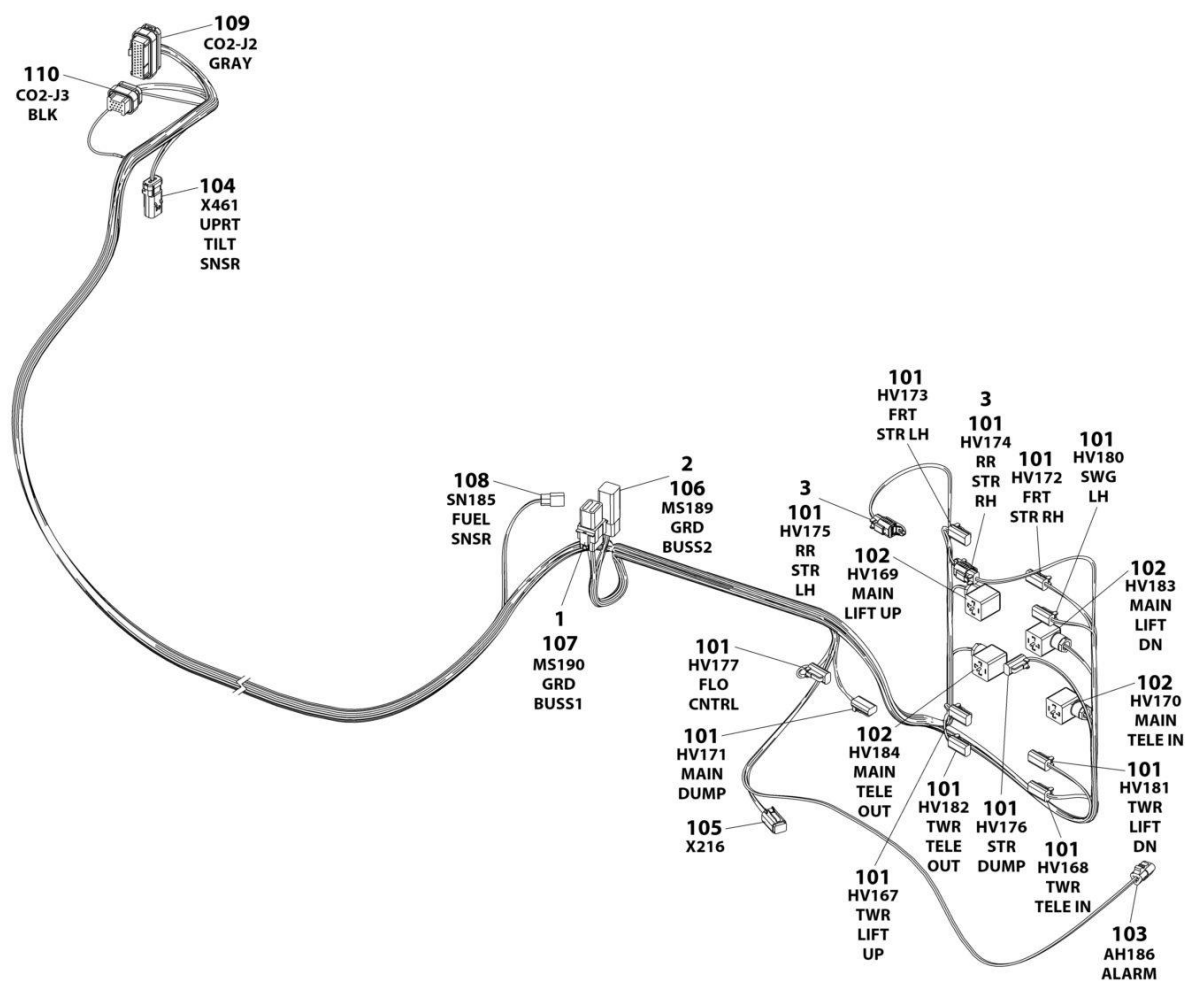
SECTION 8 - ELECTRICAL

FIGURE 8-47. HYBRID 84V HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225994	Ref	HYBRID 84V HARNESS	F
1	4460945	1	Receptacle, 3 Way	
101	8220045	2	Terminal, Ring	
102	4460836	1	Plug, Male - 12 Position	
102	4460465	9	Socket, Female	
102	4460466	3	Plug, Terminal	
103	4461290	1	Plug, Male - 2 Position (Prior to SN 0300247156)	
103	4460918	2	Terminal (Prior to SN 0300247156)	
104	8220029	1	Terminal, Ring	
105	4460260	4	Housing, Terminal	
105	4460259	4	Terminal	
106	1001117012	1	Receptacle, Female - 5 Position	
106	4460887	4	Terminal	
106	4461271	1	Plug, Terminal	
107	4460142	2	Terminal, Ring	
108	1001096138	1	Connector - 23 Position	
108	4460871	10	Socket, Female	
108	4460905	13	Plug, Terminal	
109	1001098122	4	Terminal, Ring	
110	4460247	1	Terminal, Ring	
111	4460891	1	Plug, Male - 2 Position	
111	4460465	2	Socket, Female	
112	1001116994	1	Connector - 23 Position	
112	4460871	12	Socket, Female	
112	4460905	11	Plug, Terminal	
113	1001112796	2	Connector - 9 Position	
113	4460465	13	Socket, Female	
113	4460466	4	Plug, Terminal	
114	4460539	1	Plug, Male - 3 Position	
114	4460944	2	Socket, Female	
114	4460466	1	Plug, Terminal	
115	1001116812	1	Plug, Male - 3 Position	
115	4460944	2	Socket, Female	
115	4460465	1	Socket, Female	
116	8220164	1	Terminal, Ring	
117	1001229530	1	Receptacle, Female - 3 Position	
117	4460464	2	Pin, Male	
117	4460466	1	Plug, Terminal	
118	4460042	1	Terminal, Ring	
119	4460427	2	Terminal, Ring (SN 0300247156 through 0300270863)	

SECTION 8 - ELECTRICAL

FIGURE 8-48. MAIN VALVE HARNESS



ART_1001223260

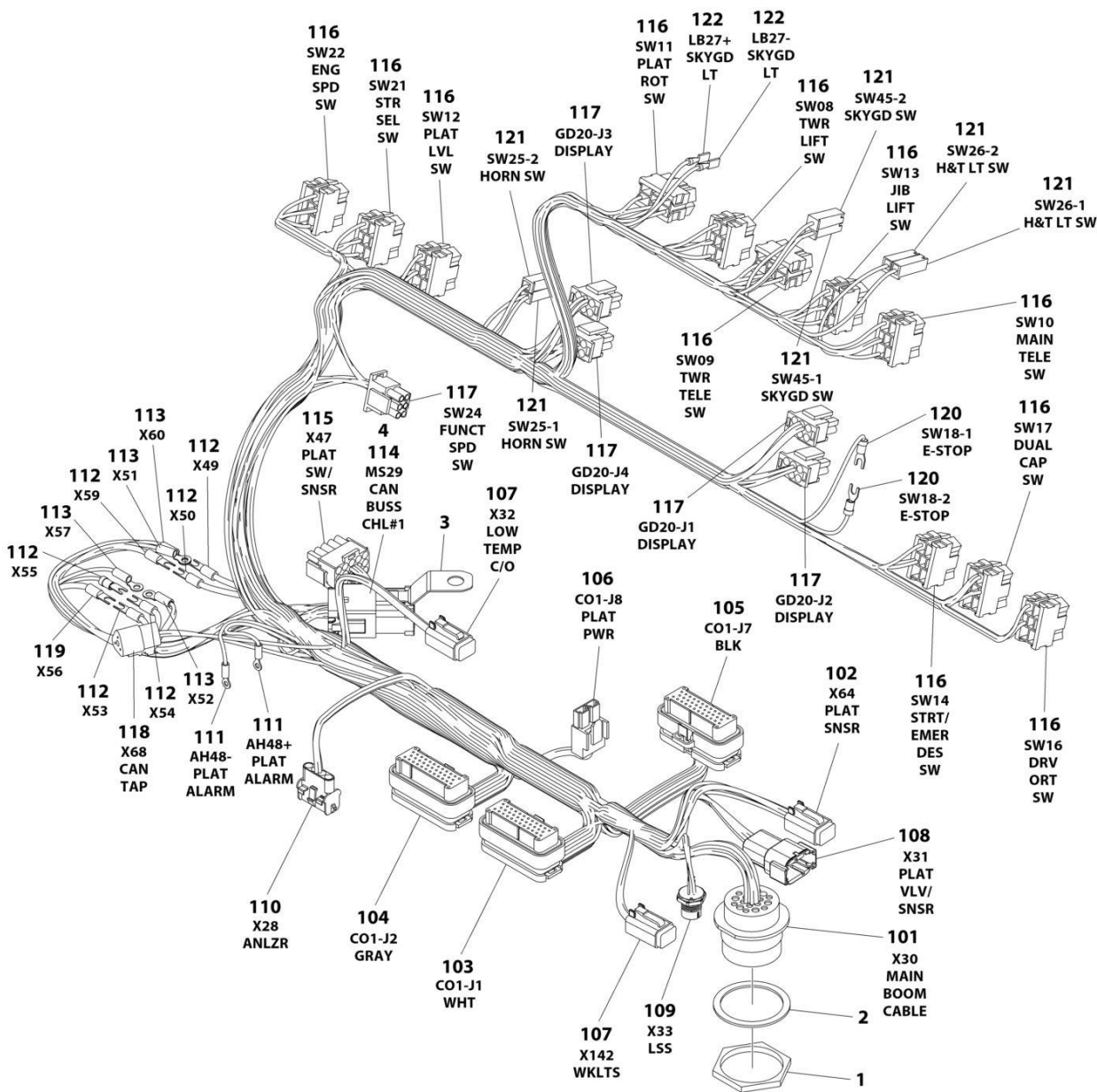
SECTION 8 - ELECTRICAL

FIGURE 8-48. MAIN VALVE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223260	Ref	MAIN VALVE HARNESS	F
1	4460852	1	Connector - 8 Position	
2	4460892	1	Bussbar - 6 Position	
3	1001144295	1	Cap	
101	4460891	13	Plug, Male - 2 Position	
101	4460465	26	Socket, Female	
102	4460880	4	Connector, DIN	
103	4460539	1	Plug, Male - 3 Position	
103	4460465	2	Socket, Female	
103	4460466	1	Plug, Terminal	
104	1001229530	1	Receptacle, Female - 3 Position	
104	4460943	3	Pin, Male	
105	4460884	1	Plug, Male - 4 Position	
105	4460465	4	Socket, Female	
106	4460894	1	Plug, Male - 6 Position	
106	4460465	6	Socket, Female	
107	4460851	1	Plug, Male - 8 Position	
107	4460465	8	Socket, Female	
108	4460424	1	Plug, Male - 2 Position	
108	4460268	2	Socket, Female	
109	4460875	1	Connector - 35 Position	
109	4460871	25	Socket, Female	
109	4460905	10	Plug, Terminal	
110	4460872	1	Connector - 14 Position	
110	4460871	10	Socket, Female	
110	4460905	4	Plug, Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-49. PLATFORM CONSOLE BOX HARNESS



ART_1001222042

SECTION 8 - ELECTRICAL

FIGURE 8-49. PLATFORM CONSOLE BOX HARNESS

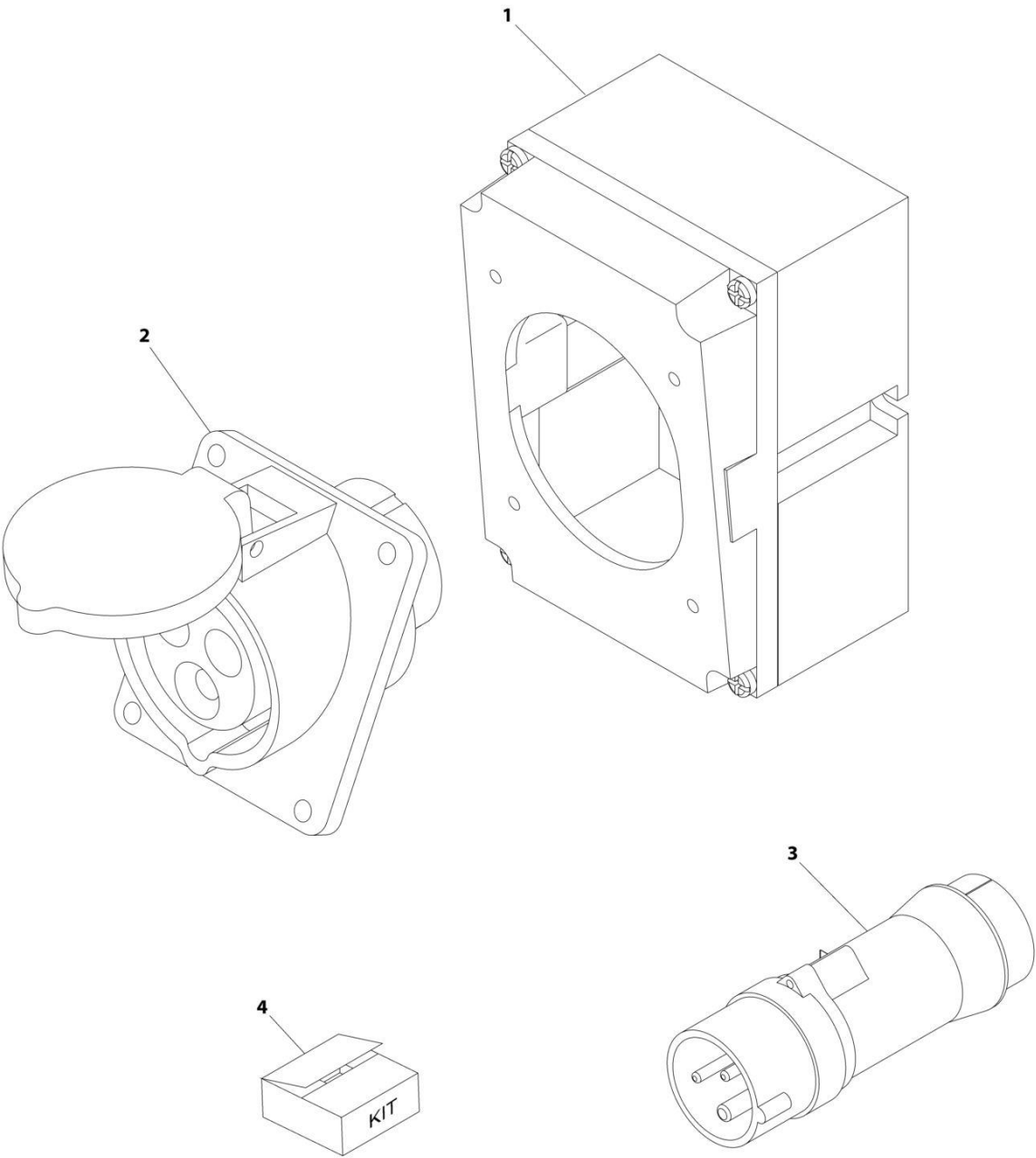
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222042	Ref	PLATFORM CONSOLE BOX HARNESS	F
1	4460470	1	Nut	
2	4460471	1	Washer	
3	1001120328	1	Mount, Connector	
4	1001125677	1	Bussbar - 12 Position	
101	4460866	1	Connector - 19 Position	
101	4460943	2	Pin, Male	
101	4460464	3	Pin, Male	
101	4460508	4	Pin, Male	
101	4460466	9	Plug, Terminal	
102	4460894	1	Plug, Male - 6 Position	
102	4460465	6	Socket, Female	
103	4460874	1	Connector - 35 Position	
103	4460871	30	Socket, Female	
103	4460905	5	Plug, Terminal	
104	4460875	1	Connector - 35 Position	
104	4460871	24	Socket, Female	
104	4460905	11	Plug, Terminal	
105	4460873	1	Connector - 35 Position	
105	4460871	22	Socket, Female	
105	4460905	13	Plug, Terminal	
106	4460879	1	Receptacle, Female - 2 Position	
106	4460887	2	Terminal	
107	4460884	2	Plug, Male - 4 Position	
107	4460465	8	Socket, Female	
108	1001190578	1	Receptacle, Female - 8 Position	
108	1001126011	7	Terminal	
108	4460518	1	Plug, Terminal	
109	1001213447	1	Receptacle, Female - 5 Position	
110	4460761	1	Receptacle, Female - 4 Position	
110	4460227	4	Pin, Male	
111	1001098122	2	Terminal, Ring	
112	4460315	6	Terminal, Fork	
113	8220007	4	Terminal, Ring	
114	4460933	1	Plug, Male - 12 Position	
114	4460944	10	Socket, Female	
114	4460466	2	Plug, Terminal	
115	4460343	1	Plug, Male - 15 Position	
115	4460227	10	Pin, Male	
115	4460267	2	Pin, Male	
116	4460418	11	Connector, Switch	
116	4460419	22	Terminal	
116	1001159186	20	Terminal	
117	4460225	5	Plug, Male - 6 Position	
117	4460227	4	Pin, Male	
117	4460267	2	Pin, Male	
117	4460226	20	Socket, Female	
118	4460539	1	Plug, Male - 3 Position	
118	4460944	2	Socket, Female	
118	4460466	1	Plug, Terminal	

SECTION 8 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
119	4460314	1	Terminal, Fork	
120	4460183	2	Terminal, Fork	
121	4460260	6	Housing, Terminal	
121	4460259	6	Terminal	
122	4460016	2	Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-50. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE SPEC)



ART_0275216

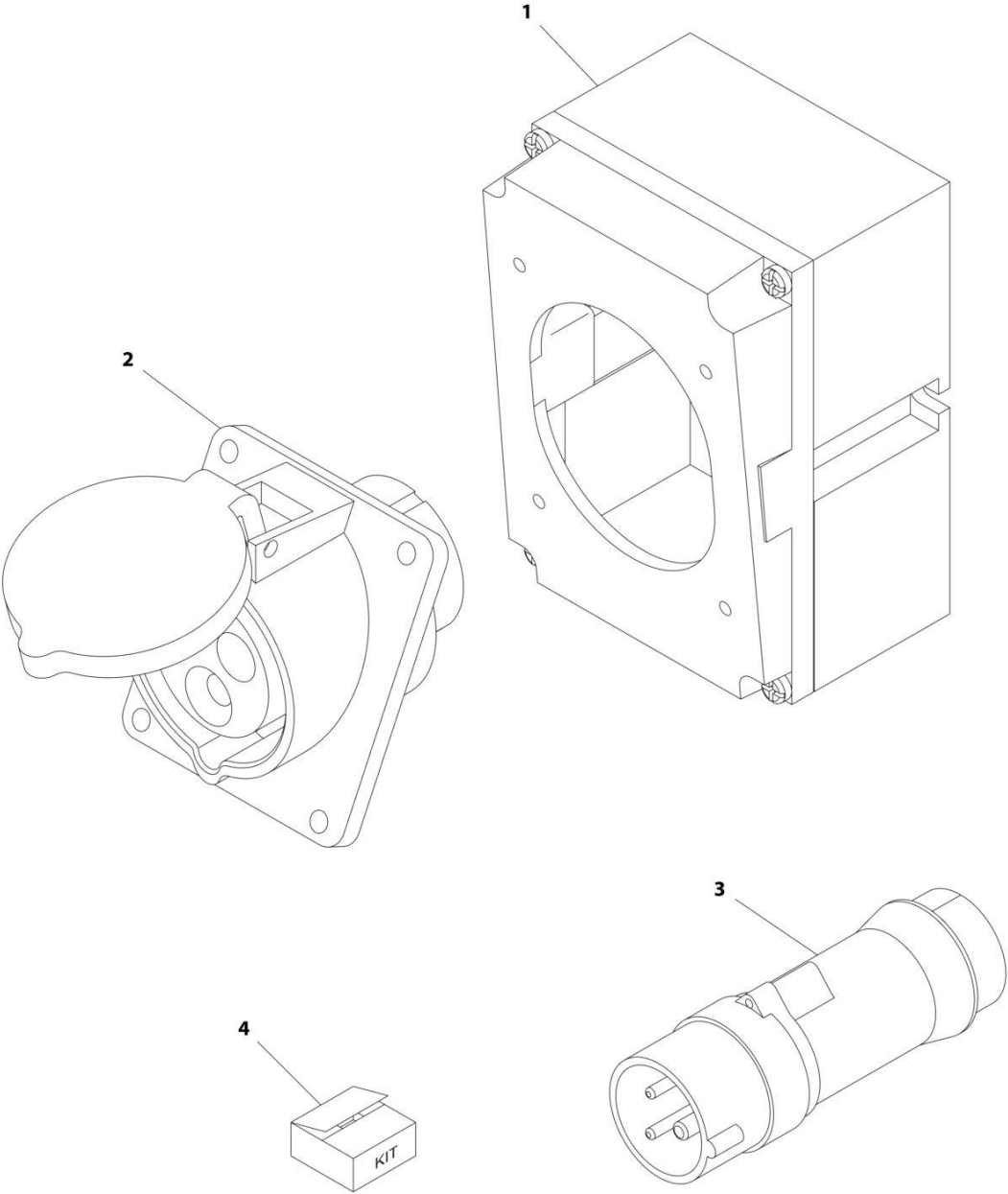
SECTION 8 - ELECTRICAL

FIGURE 8-50. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275216	Ref	RECEPTACLE BOX KIT - 110V IEC YELLOW	B
1	0861781	1	Box, Switch	
2	4461198	1	Receptacle	
3	4461196	1	Plug, Male	
4	1001100341	1	Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461197)	

SECTION 8 - ELECTRICAL

FIGURE 8-51. RECEPTACLE BOX KIT - 220V IEC BLUE (CE SPEC)



ART_0275217

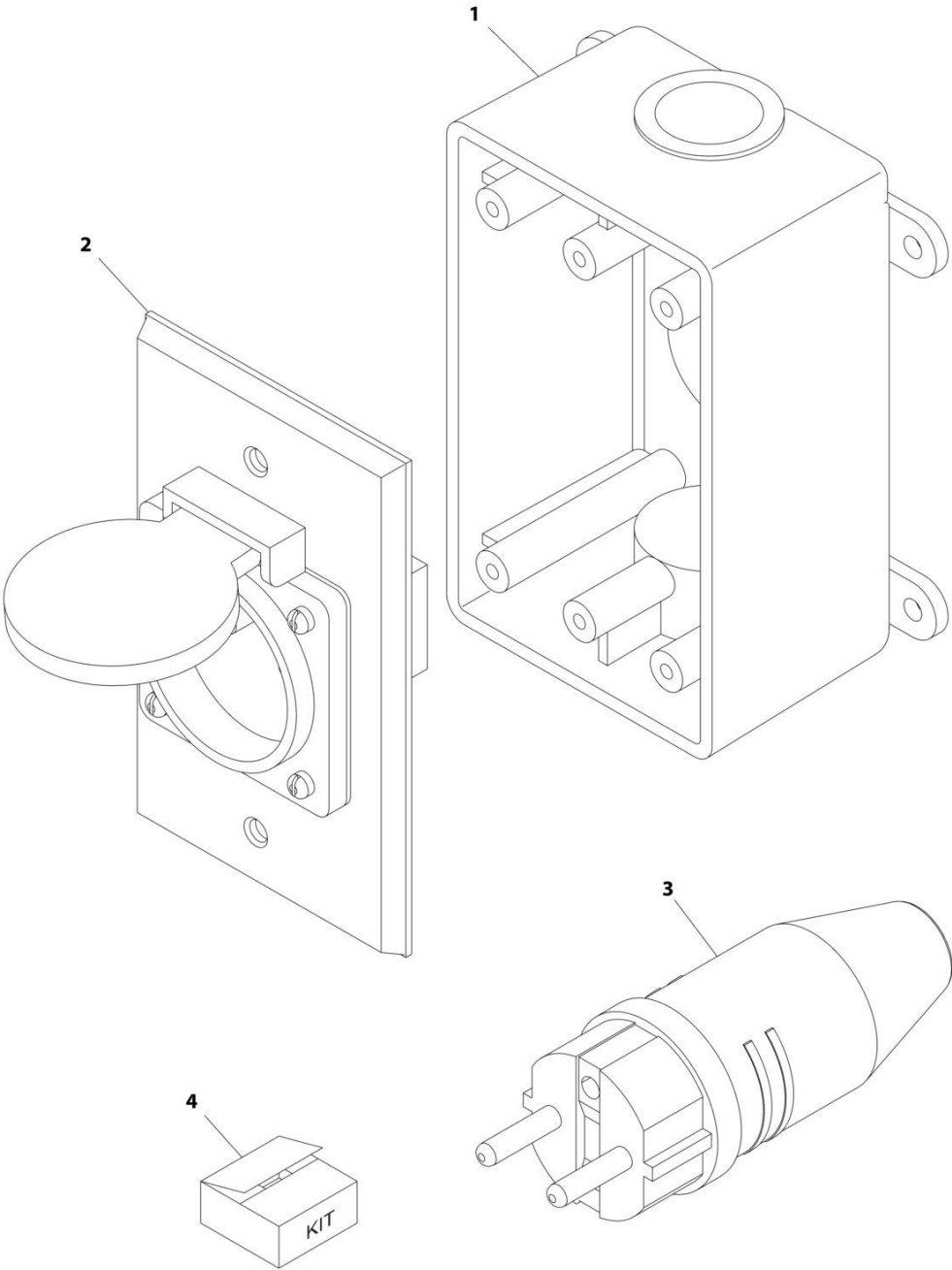
SECTION 8 - ELECTRICAL

FIGURE 8-51. RECEPTACLE BOX KIT - 220V IEC BLUE (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275217	Ref	RECEPTACLE BOX KIT - 220V IEC BLUE	B
1	0861781	1	Box, Switch	
2	4461201	1	Receptacle	
3	4461199	1	Plug, Male	
4	1001100342	1	Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461200)	

SECTION 8 - ELECTRICAL

FIGURE 8-52. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2X4 BOX (CE SPEC)



ART_0275452-C

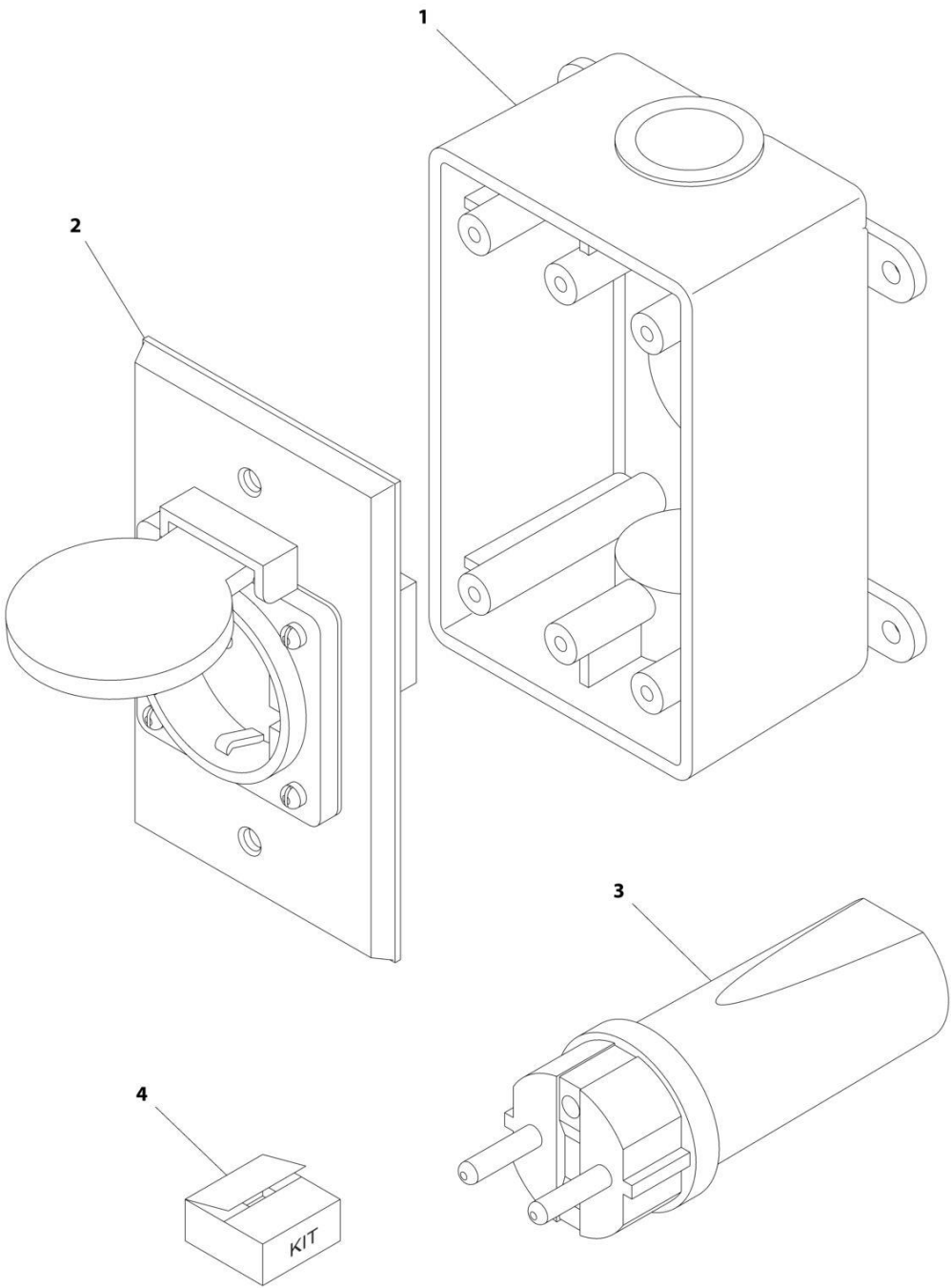
SECTION 8 - ELECTRICAL

FIGURE 8-52. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2X4 BOX (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275452	Ref	RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2IN X 4IN BOX	C
1	0861731	1	Box, Switch	
2	4461244	1	Receptacle	
3	4461205	1	Plug, Male	
4	1001100345	1	Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461203)	

SECTION 8 - ELECTRICAL

FIGURE 8-53. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND (CE SPEC)



ART_0275453

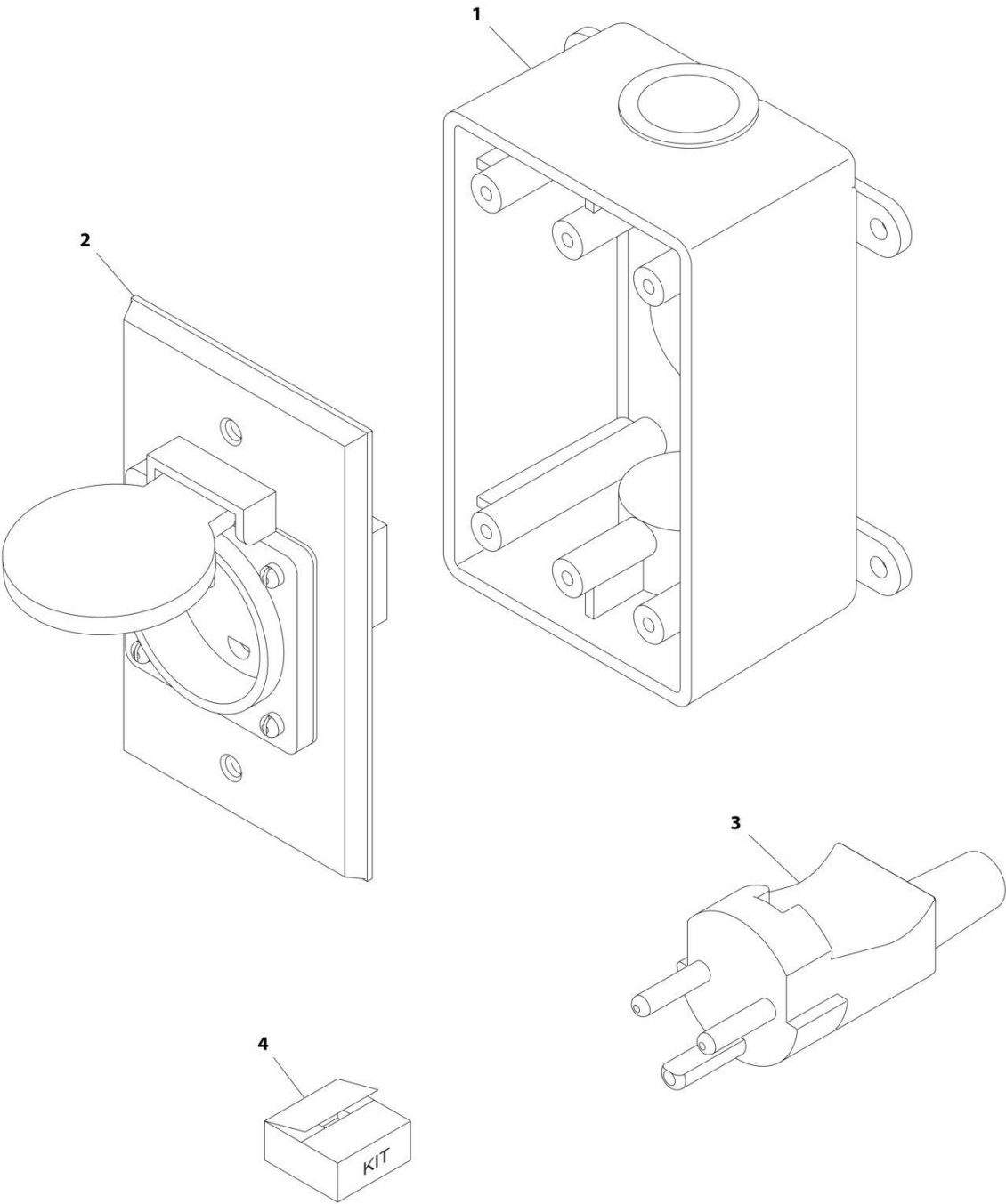
SECTION 8 - ELECTRICAL

FIGURE 8-53. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275453	Ref	RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND	B
1	0861731	1	Box, Switch	
2	4461245	1	Receptacle	
3	4461205	1	Plug, Male	
4	1001100347	1	Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461206)	

SECTION 8 - ELECTRICAL

FIGURE 8-54. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE SPEC)



ART_0275454

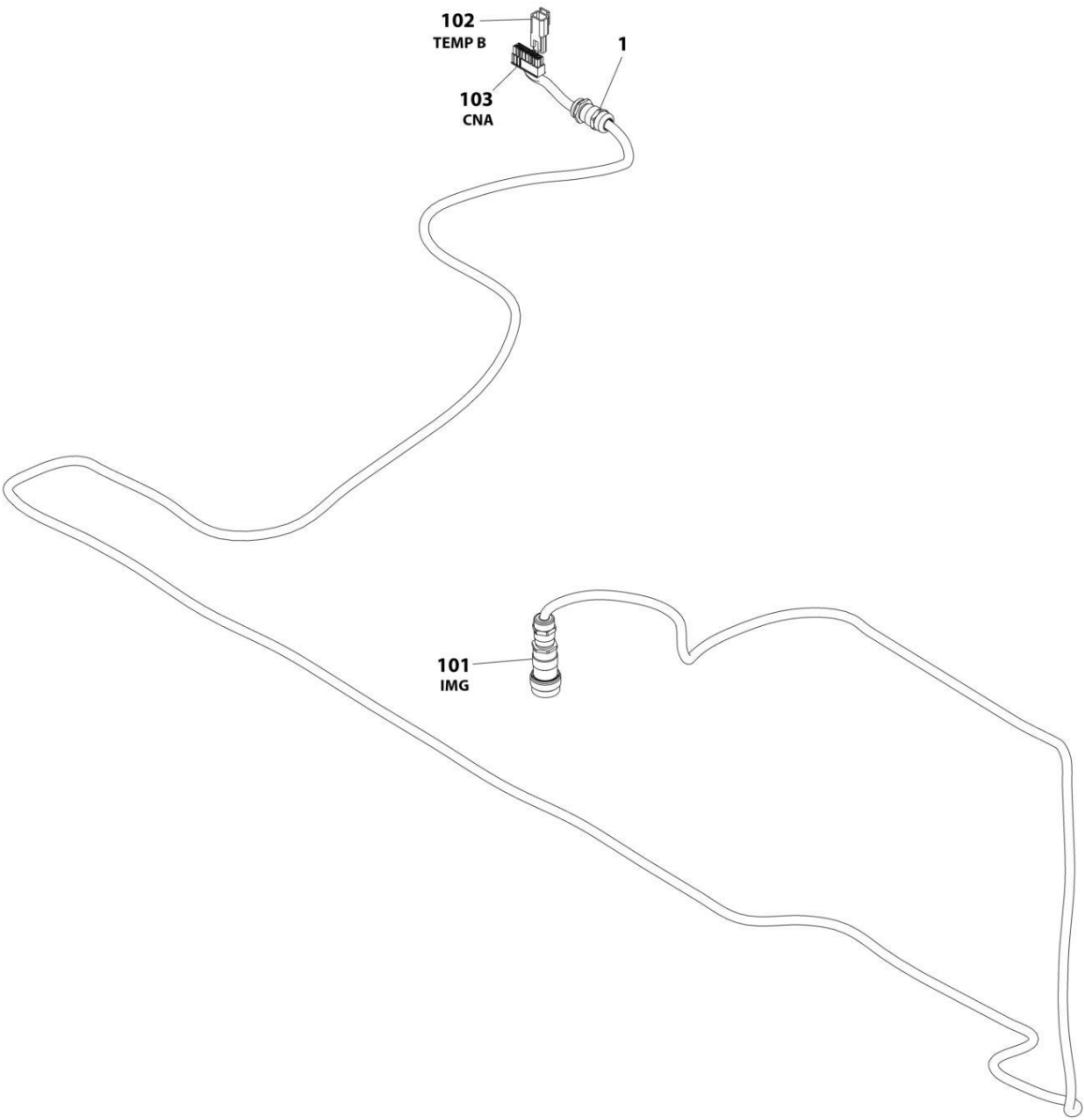
SECTION 8 - ELECTRICAL

FIGURE 8-54. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275454	Ref	RECEPTACLE BOX KIT - 220V AFSINT 107	B
1	0861731	1	Box, Switch	
2	4461246	1	Receptacle	
3	4461249	1	Plug, Male	
4	1001100346	1	Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461250)	

SECTION 8 - ELECTRICAL

FIGURE 8-55. RESOLVER/CONVERTER/INVERTER HARNESS



ART_1001222369

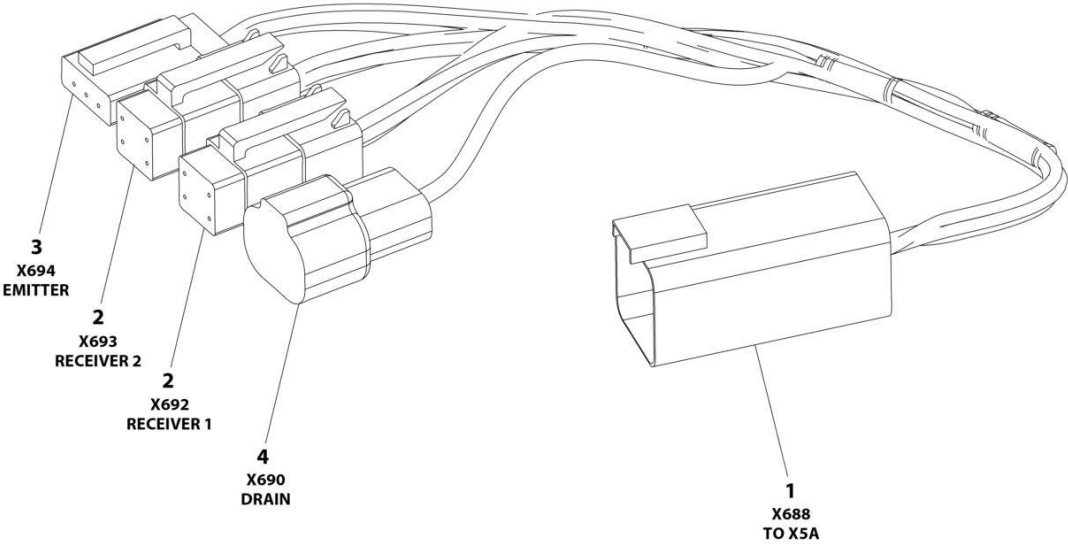
SECTION 8 - ELECTRICAL

FIGURE 8-55. RESOLVER/CONVERTER/INVERTER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222369	Ref	RESOLVER/CONVERTER/INVERTER HARNESS	B
1	1001226468	1	Connector, Strain Relief	
101	1001226506	1	Connector - 19 Position	
102	1001153612	1	Receptacle, Female - 2 Position	
102	1001126010	2	Terminal	
103	1001225362	1	Connector - 16 Position	
103	4460877	6	Socket, Female	
103	1001228628	10	Plug, Terminal	
103	1001228629	1	Seal	

SECTION 8 - ELECTRICAL

FIGURE 8-56. SKYEYE INTERMEDIATE HARNESS



ART_1001237865

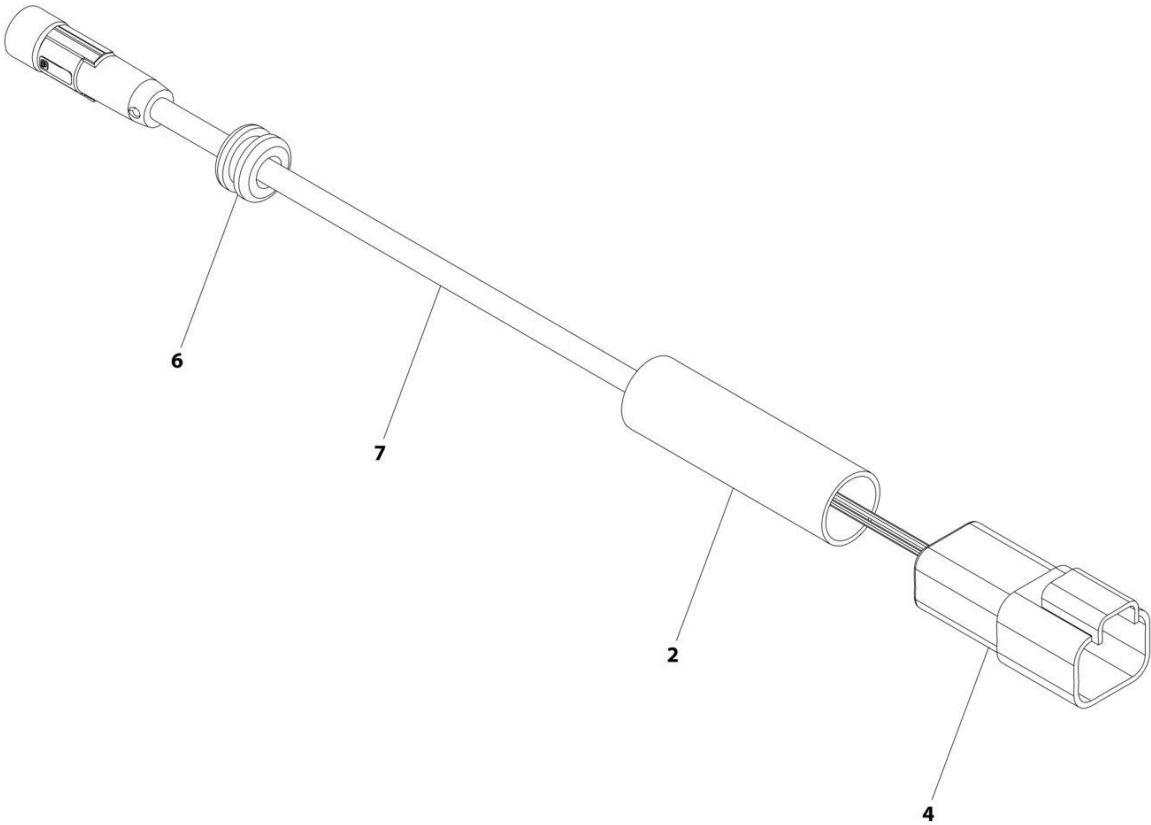
SECTION 8 - ELECTRICAL

FIGURE 8-56. SKYEYE INTERMEDIATE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237865	Ref	SKYEYE INTERMEDIATE HARNESS	A
1	4460899	1	Connector - 6 Position	
1	4460943	4	Pin, Male	
1	4460466	2	Plug, Terminal	
2	4461077	2	Connector - 4 Position	
2	1001119619	8	Socket, Female	
3	4460911	1	Connector - 3 Position	
3	1001119619	3	Socket, Female	
4	1001187681	1	Connector - 2 Position	
4	4460941	1	Pin, Male	
4	4460466	1	Plug, Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-57. SKYEYE RECEIVER HARNESS



ART_1001237863

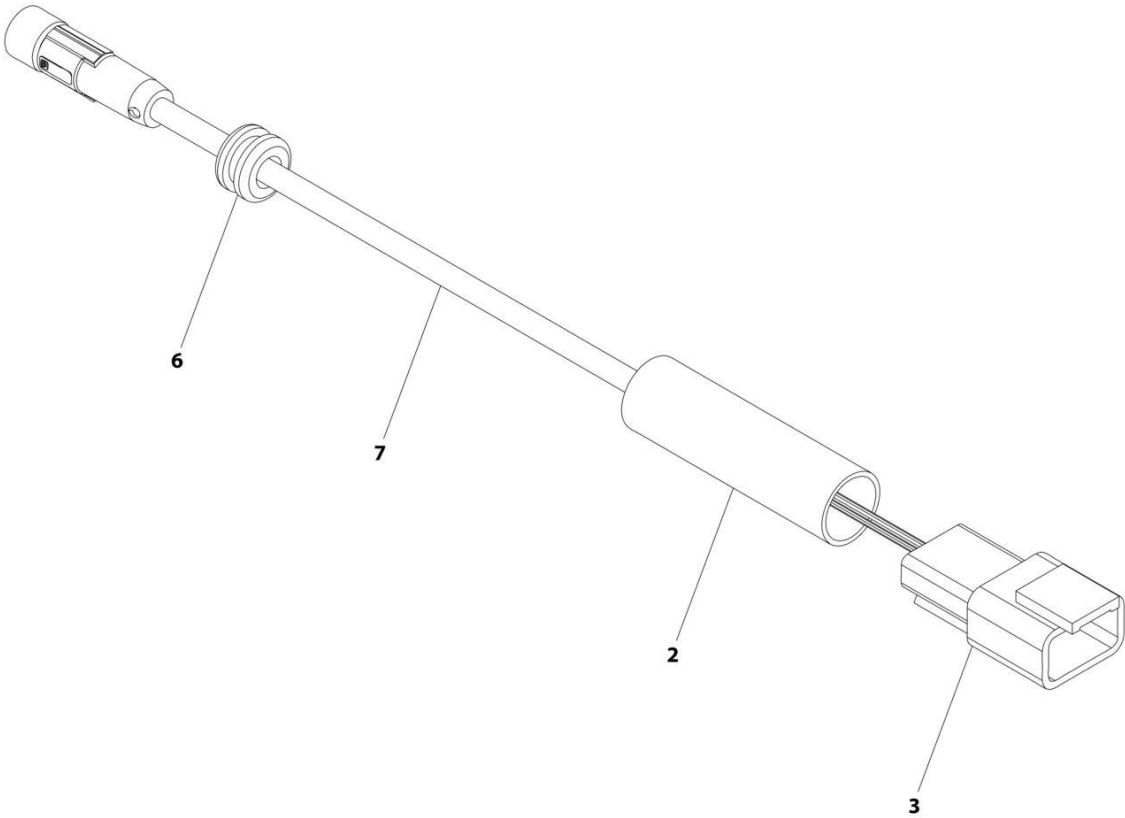
SECTION 8 - ELECTRICAL

FIGURE 8-57. SKYEYE RECEIVER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237863	Ref	SKYEYE RECEIVER HARNESS	A
2	2820247	AR	Tubing, Heat Shrink	
4	1001097051	1	Connector - 4 Position	
4	1001119620	4	Pin, Male	
6	1001227996	1	Grommet	
7	1001237862	1	Cable, M8 Female Cordset	

SECTION 8 - ELECTRICAL

FIGURE 8-58. SKYEYE EMITTER HARNESS



ART_1001237864

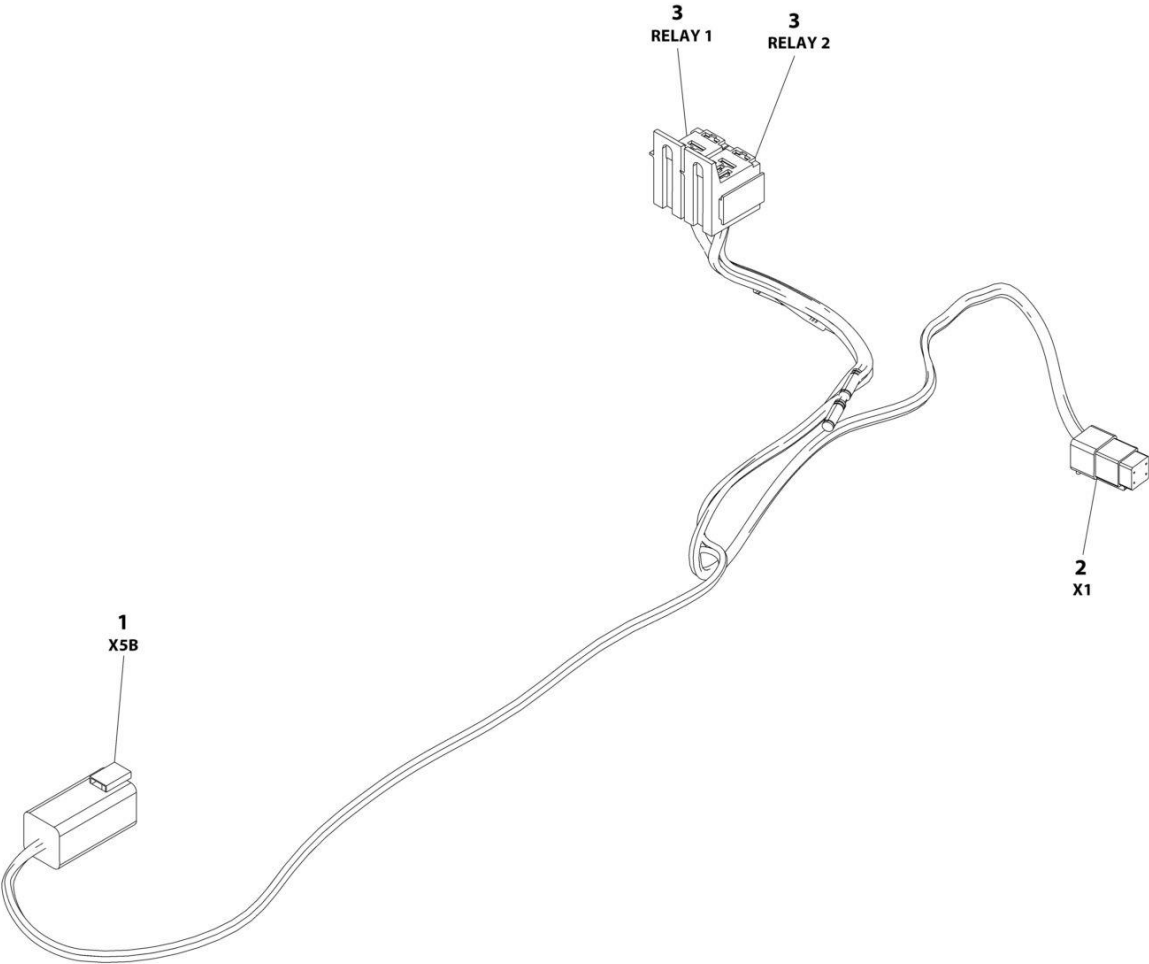
SECTION 8 - ELECTRICAL

FIGURE 8-58. SKYEYE EMITTER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237864	Ref	SKYEYE EMITTER HARNESS	A
2	2820247	AR	Tubing, Heat Shrink	
3	4460910	1	Connector - 3 Position	
3	1001119620	3	Pin, Male	
6	1001227996	1	Grommet	
7	1001237862	1	Cable, M8 Female Cordset	

SECTION 8 - ELECTRICAL

FIGURE 8-59. SKYLINE HARNESS



ART_1001238418

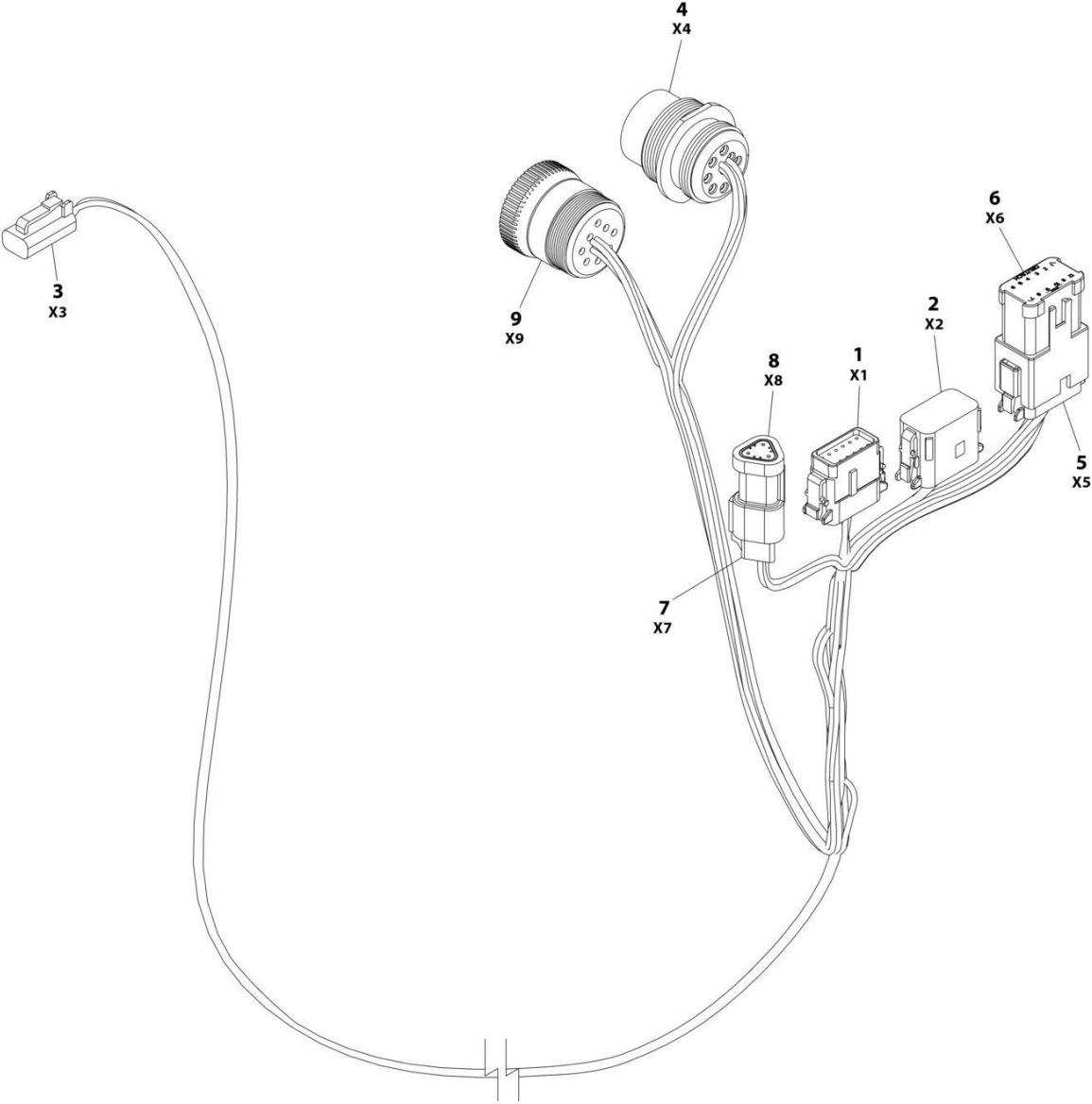
SECTION 8 - ELECTRICAL

FIGURE 8-59. SKYLINE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238418	Ref	SKYLINE HARNESS	B
1	4460899	1	Connector - 6 Position	
1	4460464	4	Pin, Male	
1	4460466	2	Plug, Terminal	
2	4461077	1	Connector - 4 Position	
2	1001126009	4	Socket, Female	
3	1001186432	2	Plug, Relay	
3	1001118388	5	Terminal	
3	1001118384	3	Terminal	
3	3740086	2	Relay	

SECTION 8 - ELECTRICAL

FIGURE 8-60. STROBE LIGHT CONTROL HARNESS (BLUE & RED LIGHTS)



ART_1001142736

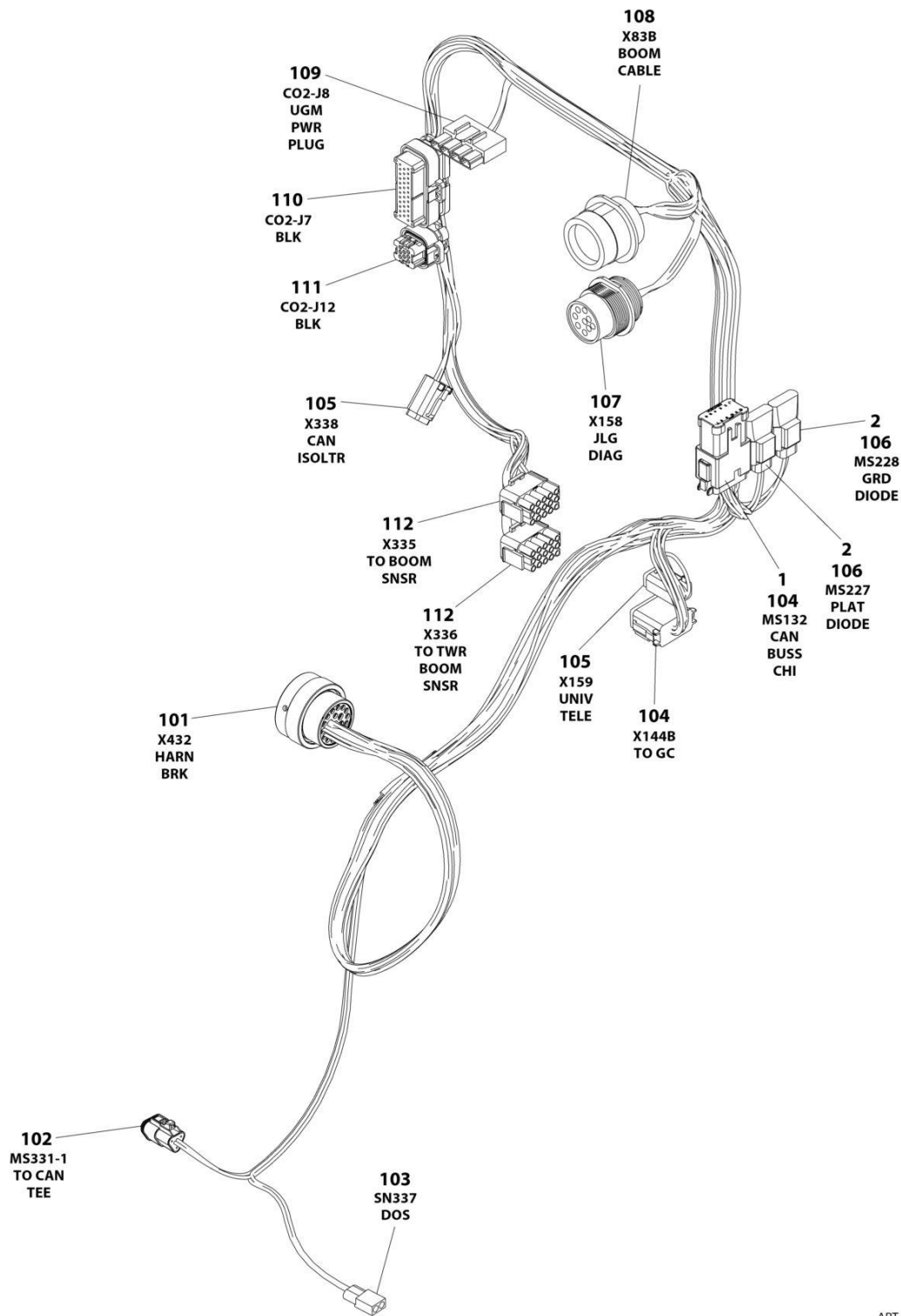
SECTION 8 - ELECTRICAL

FIGURE 8-60. STROBE LIGHT CONTROL HARNESS (BLUE & RED LIGHTS)

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

SECTION 8 - ELECTRICAL

FIGURE 8-61. TURNTABLE HARNESS



ART_1001228984

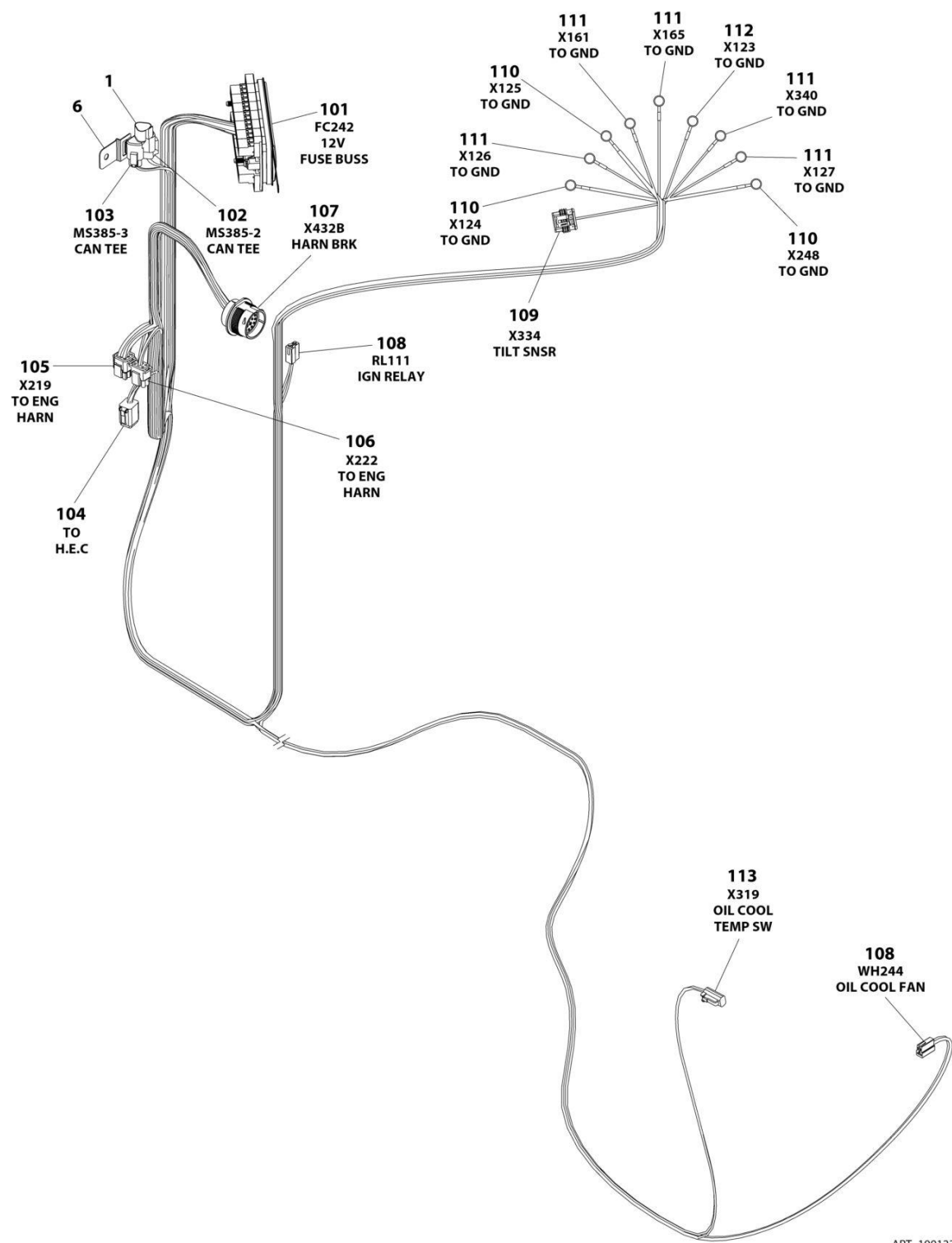
SECTION 8 - ELECTRICAL

FIGURE 8-61. TURNTABLE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228984	Ref	TURNTABLE HARNESS	D
1	1001125677	1	Bussbar - 12 Position	
2	1001116816	2	Connector - 2 Position	
101	1001229233	1	Connector - 21 Position	
101	4460465	18	Socket, Female	
101	4460466	3	Plug, Terminal	
102	1001116812	1	Plug, Male - 3 Position	
102	4460944	2	Socket, Female	
102	4460465	1	Socket, Female	
103	4460424	1	Plug, Male - 2 Position	
103	4460226	2	Socket, Female	
104	4460933	2	Plug, Male - 12 Position	
104	4460944	14	Socket, Female	
104	4460465	8	Socket, Female	
104	4460466	2	Plug, Terminal	
105	4460884	2	Plug, Male - 4 Position	
105	4460465	4	Socket, Female	
105	4460944	4	Socket, Female	
106	4460891	2	Plug, Male - 2 Position	
106	4460465	4	Socket, Female	
107	1001112612	1	Connector - 9 Position	
107	4460464	3	Pin, Male	
107	4460943	2	Pin, Male	
107	4460466	4	Plug, Terminal	
108	4460866	1	Connector - 19 Position	
108	4460464	5	Pin, Male	
108	4460943	2	Pin, Male	
108	4460508	4	Pin, Male	
108	4460466	8	Plug, Terminal	
109	4460878	1	Receptacle, Female - 4 Position	
109	4460887	2	Terminal	
110	4460873	1	Connector - 35 Position	
110	4460871	23	Socket, Female	
110	4460905	12	Plug, Terminal	
111	1001113961	1	Plug, Male - 8 Position	
111	4460871	4	Socket, Female	
111	4460905	4	Plug, Terminal	
112	4460434	2	Plug, Male - 15 Position	
112	4460227	18	Pin, Male	
112	4460267	1	Pin, Male	

SECTION 8 - ELECTRICAL

FIGURE 8-62. TURNTABLE/FUSE PANEL HARNESS



ART_1001230522

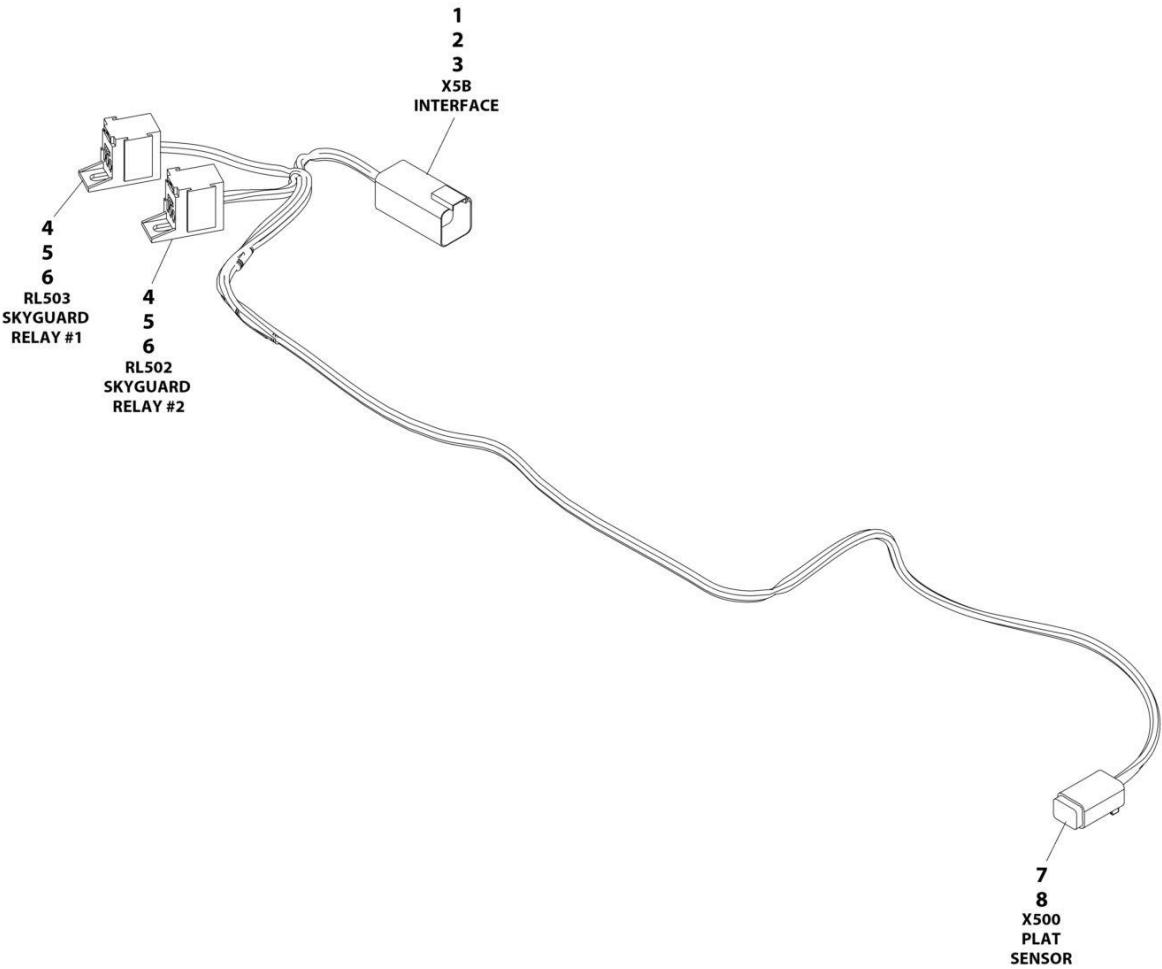
SECTION 8 - ELECTRICAL

FIGURE 8-62. TURNTABLE/FUSE PANEL HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230522	Ref	TURNTABLE/FUSE PANEL HARNESS	C
1	4460945	1	Receptacle, 3 Way	
6	1001153749	1	Mount, Connector	
101	1001225219	1	Connector - 28 Position	
101	1001189572	9	Terminal	
101	1001189571	3	Terminal	
101	1001189570	10	Terminal	
102	4460539	1	Plug, Male - 3 Position	
102	4460944	2	Socket, Female	
102	4460466	1	Plug, Terminal	
103	1001116812	1	Plug, Male - 3 Position	
103	4460944	2	Socket, Female	
103	4460466	1	Plug, Terminal	
104	4460894	1	Plug, Male - 6 Position	
104	4460465	5	Socket, Female	
104	4460466	1	Plug, Terminal	
105	4460265	1	Plug, Male - 9 Position	
105	4460906	8	Socket, Female	
106	4460225	1	Plug, Male - 6 Position	
106	4460268	4	Socket, Female	
107	1001229232	1	Connector - 21 Position	
107	4460464	14	Pin, Male	
107	4460508	4	Pin, Male	
107	4460466	3	Plug, Terminal	
108	4460994	2	Housing, Terminal	
108	1001116720	2	Terminal	
108	1001116716	2	Terminal	
109	1001103012	1	Plug, Male - 4 Position	
109	1001107854	4	Terminal	
109	1001104498	4	Seal	
110	4460019	3	Terminal, Ring	
111	4460722	5	Terminal, Ring	
112	1001225219	1	Terminal, Ring	
113	4460891	1	Plug, Male - 2 Position	
113	4460465	2	Socket, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-63. PLATFORM INTERFACE HARNESS



ART_1001225580

SECTION 8 - ELECTRICAL

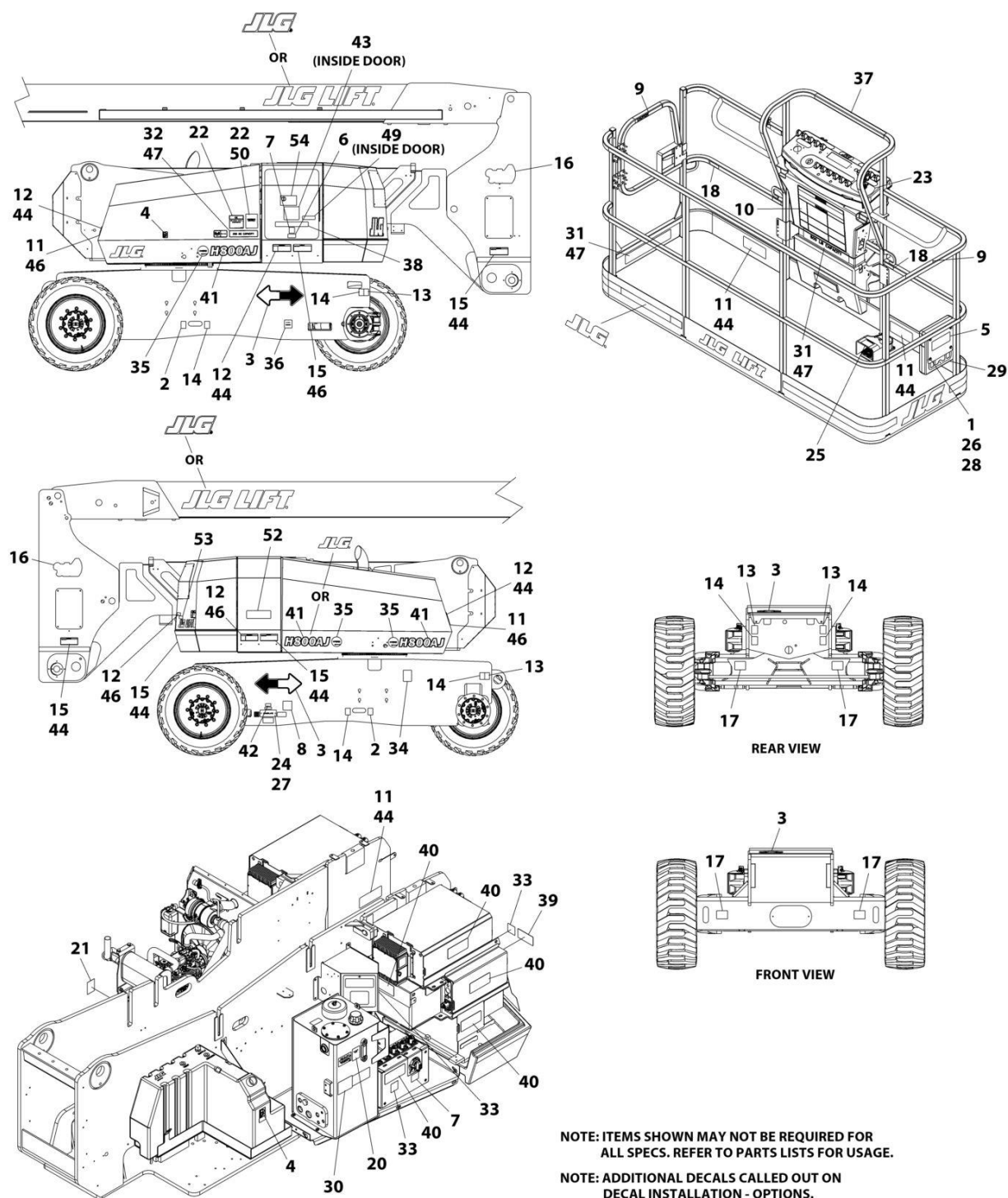
FIGURE 8-63. PLATFORM INTERFACE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225580	Ref	INTERFACE HARNESS - WITH 1 CELL LSS	D
1	4460899	1	Connector	
2	4460464	4	Terminal	
3	4460466	2	Plug	
4	1001186432	2	Connector	
5	1001116720	4	Terminal	
6	1001118388	4	Terminal	
7	4460884	1	Connector	
8	4460465	4	Terminal	

SECTION 9 - DECALS

SECTION 9 - DECALS

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



ART_1001223542

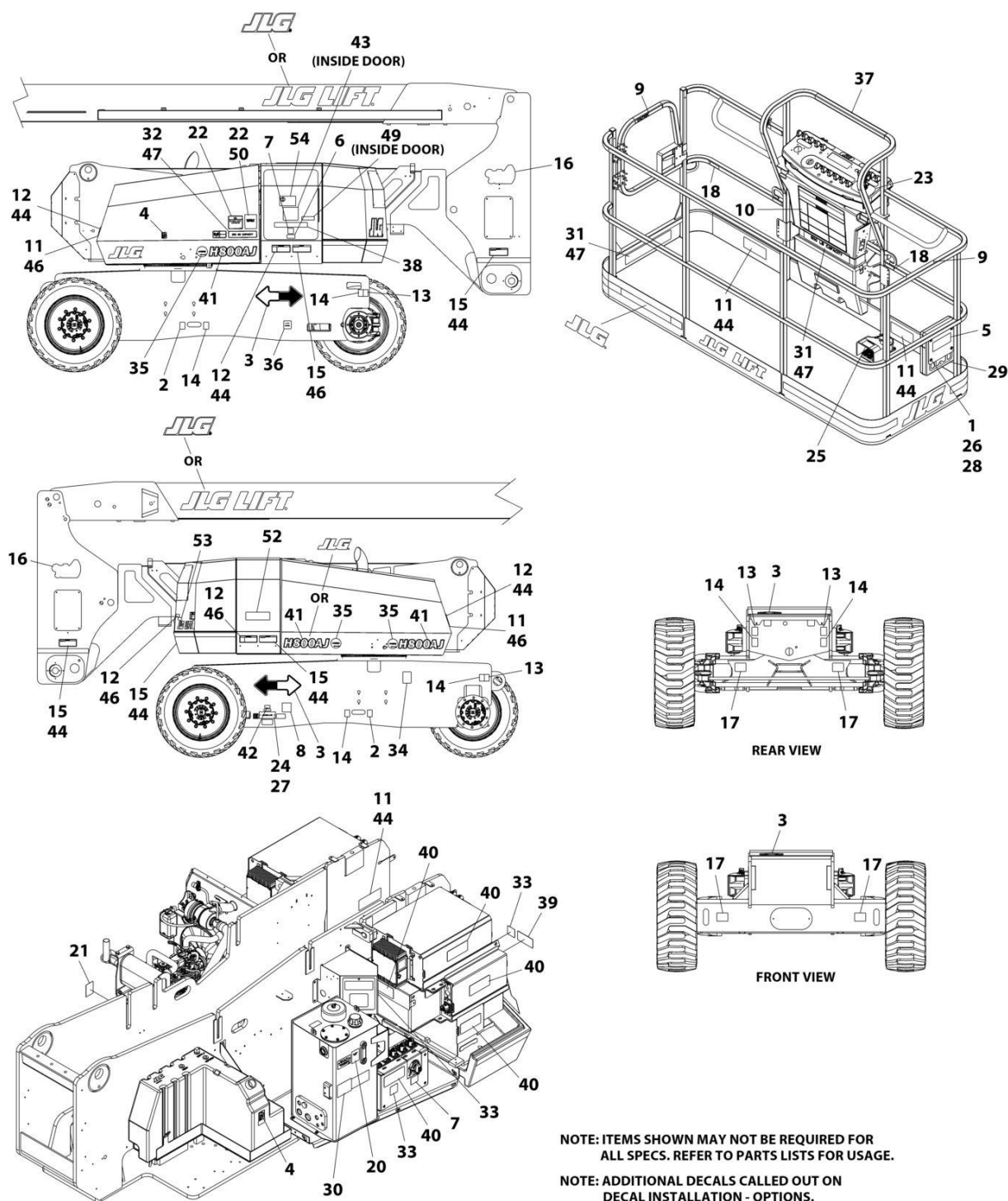
SECTION 9 - DECALS

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223542	Ref	DECAL INSTALLATION - ANSI	E
1	0641406	4	Bolt, 1/4 x 3/4	
2	1701499	2	Decal - No Tie Down/Lift	
3	1701501	4	Decal - Arrow	
4	1701505	2	Decal - Diesel Fuel	
5	1701509	1	Decal - Manual	
6	1001233785	1	Decal - Charger Plug	
7	1702155	2	Decal - Battery Disconnect	
8	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
9	1702868	2	Decal - No Hands	
10	1703797	1	Decal - Danger/Warning	
11	1703804	6	Decal - Warning/Crushing	
12	1703805	5	Decal - Electrocution	
13	1703811	4	Decal - Lifting Lug	
14	1703814	6	Decal - Tie Down	
15	1703953	5	Decal - Warning/Crushing	
16	1703959	2	Decal - Quik Stik	
17	1703960	4	Decal - Maximum Tire Load	
18	1704277	3	Decal - Lanyard Attach	
20	1704412	1	Decal - Hydraulic Oil	
21	1704972	1	Decal - Glow Plugs	
22	1705336	1	Decal - Danger/Warning	
23	1705351	1	Decal - Drive/Steer Instructions	
24	See Note	NSS	Nameplate - Manufacturers (Note: Not Available for Purchase)	
25	3252347	1	Nameplate - Footswitch	
26	3311405	4	Nut 1/4	
27	3820001	2	Rivet	
28	4751400	8	Washer 1/4	
29	91403230	1	Box, Manual Storage	
30	1001096141	1	Decal - Upright Level Over Ride	
31	1001121801	2	Decal - Warning Maximum Capacity	
32	1001121814	1	Decal - Warning Maximum Capacity	
33	1001125483	6	Decal - Pressure Wash	
34	1001131269	1	Decal - Patent	
35	1001174449	2	Decal - Hybrid	
36	1001223055	1	Decal - Yearly Inspection	
37	1001223552	1	Decal - Legend	
38	1001223553	1	Decal - Legend	
39	1001223554	2	Decal - Warning Tip Over Hazard	
40	1001223556	9	Decal - Electric Shock Hazard	
41	1001223558	2	Decal - H800AJ	
42	1001228370	1	Decal - ICES	
43	1001228411	1	Decal - LED Indicator	
52	1001233452	1	Decal - Lifting Diagram	
54	1001117307	1	Decal - Emergency Stop	

SECTION 9 - DECALS

FIGURE 9-2. DECAL INSTALLATION - AUSTRALIAN SPECS (ENGLISH LANGUAGE)



ART_1001223543

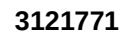
SECTION 9 - DECALS

FIGURE 9-2. DECAL INSTALLATION - AUSTRALIAN SPECS (ENGLISH LANGUAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223543	Ref	DECAL INSTALLATION - AUSTRALIAN	E
1	0641406	4	Bolt, 1/4 x 3/4	
2	1701499	2	Decal - No Tie Down/Lift	
3	1701501	4	Decal - Arrow	
4	1701505	2	Decal - Diesel Fuel	
5	1701509	1	Decal - Manual	
6	1001233785	1	Decal - Charger Plug	
7	1702155	2	Decal - Battery Disconnect	
8	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
10	1705921	1	Decal - Tipping/Electrocution	
13	1703811	4	Decal - Lifting Lug	
14	1703814	6	Decal - Tie Down	
16	1703959	2	Decal - Quik Stik	
17	1703960	4	Decal - Maximum Tire Load	
18	1704277	3	Decal - Lanyard Attach	
20	1704412	1	Decal - Hydraulic Oil	
21	1706098	1	Decal - Warning Ether Start	
22	1705822	1	Decal - Electrical/Safety Manual	
24	See Note	NSS	Nameplate - Manufacturers (Note: Not Available for Purchase)	
25	1705828	1	Nameplate - Footswitch	
26	3311405	4	Nut 1/4	
27	3820001	2	Rivet	
28	4751400	8	Washer 1/4	
29	91403230	1	Box, Manual Storage	
30	1705977	1	Decal - Upright Level Over Ride	
33	1001125483	6	Decal - Pressure Wash	
35	1001174449	2	Decal - Hybrid	
39	1001223560	2	Decal - Tip Over Hazard	
40	1001223561	9	Decal - Shock Hazard	
41	1001223558	2	Decal - H800AJ	
43	1001228411	1	Decal - LED Indicator	
44	1701518	11	Decal - Crushing	
46	1705961	5	Decal - Electrocution	
47	1705978	3	Decal - 230KG Capacity	
50	1001112551	1	Decal - Emergency Controls	
51	1001232893	1	Decal - Wheel Assembly Mass	
52	1001233452	1	Decal - Lifting Diagram	
53	1001204510	1	Decal - Sound Power Level (Prior to SN 0300247156)	
53	1001237844	1	Decal - Sound Power Level (SN 0300247156 through 0300270863)	
54	1001117307	1	Decal - Emergency Stop	

504

H800AJ



**NOTE: ADDITIONAL DECALS CALLED OUT ON
DECAL INSTALLATION - OPTIONS.**

ART 1001223550

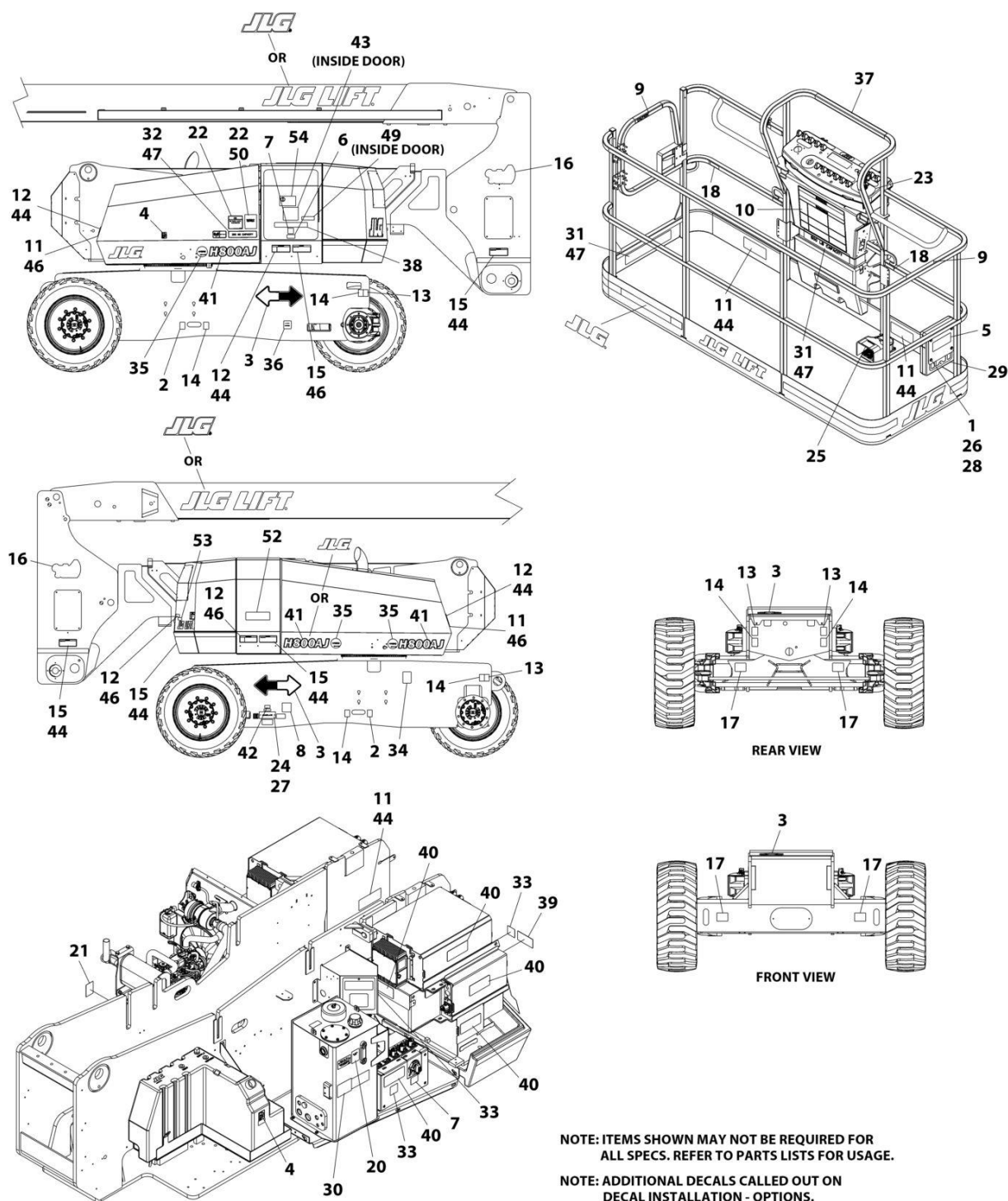
SECTION 9 - DECALS

FIGURE 9-3. DECAL INSTALLATION - BRAZIL SPECS (ENGLISH/PORTUGUESE LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223550	1	DECAL INSTALLATION - BRAZIL	C
1	0641406	4	Bolt 1/4 X 3/4	
2	1701499	2	Decal - No Tie Down/Lift	
3	1701501	4	Decal - Arrow	
4	1701505	2	Decal - Diesel Fuel	
5	1701509	1	Decal - Manual	
6	1001233785	1	Decal - Charger Plug	
7	1702155	2	Decal - Battery Disconnect	
8	See Note	NSS	Decal - Bar Code (Note: Not Available For Purchase)	
9	1705967	2	Decal - No Hands	
10	1705895	1	Decal - Danger/Warning	
11	1705898	6	Decal - Crushing	
12	1705897	5	Decal - Danger Electrocution	
13	1703811	4	Decal - Lifting Lug	
14	1703814	6	Decal - Tie Down	
15	1705903	5	Decal - Warning/Crushing	
16	1703959	2	Decal - Quik Stik	
17	1703960	4	Decal - Maximum Tire Load	
18	1704277	3	Decal - Lanyard Attach	
20	1704412	1	Decal - Hydraulic Oil	
21	1706059	1	Decal - Warning Explosion	
22	1705896	1	Decal - Warning Inspection	
23	1705905	1	Decal - Drive/Steer Instructions	
24	See Note	NSS	Nameplate - Manufacturers (Note: Not Available for Purchase)	
25	1705902	1	Decal - Footswitch	
26	3311405	4	Nut 1/4	
27	3820001	2	Rivet	
28	4751400	8	Washer 1/4	
29	91403230	1	Box, Manual Storage	
30	1705977	1	Decal - Upright Level Over Ride	
31	1001121656	2	Decal - Warning Dual Capacity	
32	1001121655	1	Decal - Warning Dual Capacity	
33	1001125483	6	Decal - Pressure Wash	
35	1001174449	2	Decal - Hybrid	
36	1001224052	1	Decal - Yearly Inspection	
37	1001223552	1	Decal - Legend	
38	1001223553	1	Decal - Legend	
39	1001233066	2	Decal - Tipping Hazard	
40	1001233011	9	Decal - Electrical Shock Hazard	
41	1001223558	2	Decal - H800AJ	
43	1001228411	1	Decal - LED Indicator	
52	1001233452	1	Decal - Lifting Diagram	
54	1001117307	1	Decal - Emergency Stop	

SECTION 9 - DECALS

FIGURE 9-4. DECAL INSTALLATION - CE SPECS (ENGLISH LANGUAGE)



ART_1001223544

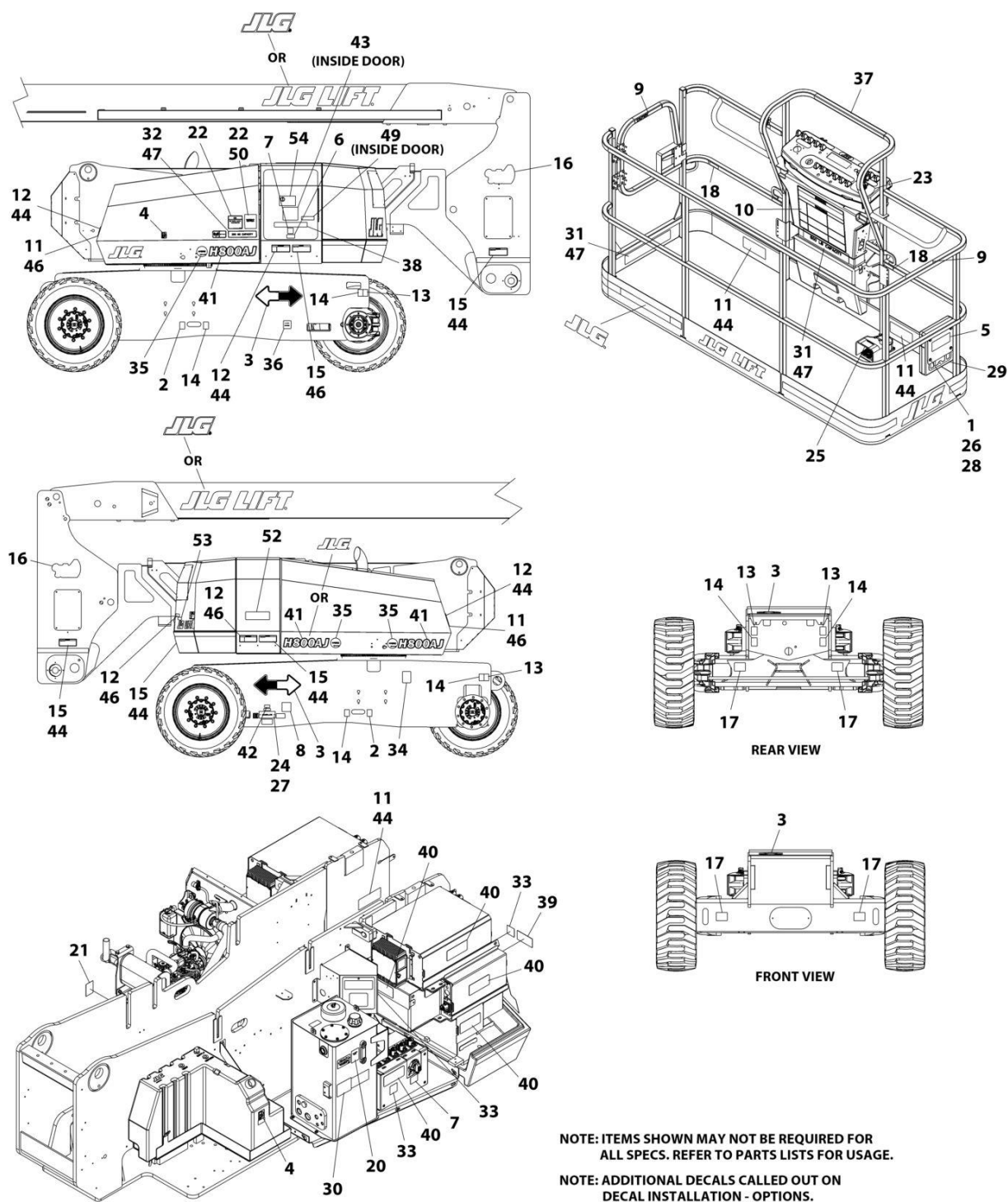
SECTION 9 - DECALS

FIGURE 9-4. DECAL INSTALLATION - CE SPECS (ENGLISH LANGUAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223544	1	DECAL INSTALLATION - CE	F
1	0641406	4	Bolt, 1/4 x 3/4	
2	1701499	2	Decal - No Tie Down/Lift	
3	1701501	4	Decal - Arrow	
4	1701505	2	Decal - Diesel Fuel	
5	1701509	1	Decal - Manual	
6	1001233785	1	Decal - Charger Plug	
7	1702155	2	Decal - Battery Disconnect	
8	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
10	1705921	1	Decal - Tipping/Electrocution	
13	1703811	4	Decal - Lifting Lug	
14	1703814	6	Decal - Tie Down	
16	1703959	2	Decal - Quik Stik	
17	1703960	4	Decal - Maximum Tire Load	
18	1704277	3	Decal - Lanyard Attach	
20	1704412	1	Decal - Hydraulic Oil	
21	1706098	1	Decal - Warning Ether Start	
22	1705822	1	Decal - Electrical/Safety Manual	
24	See Note	NSS	Decal - Manufacturers (Note: Not Available for Purchase)	
25	1705828	1	Nameplate - Footswitch	
26	3311405	4	Nut 1/4	
27	3820001	2	Rivet	
28	4751400	8	Washer 1/4	
29	91403230	1	Box, Manual Storage	
30	1705977	1	Decal - Upright Level Over Ride	
33	1001125483	6	Decal - Pressure Wash	
35	1001174449	2	Decal - Hybrid	
39	1001223560	2	Decal - Tip Over Hazard	
40	1001223561	9	Decal - Shock Hazard	
41	1001223558	2	Decal - H800AJ	
43	1001228411	1	Decal - LED Indicator	
44	1701518	11	Decal - Crushing	
46	1705961	5	Decal - Electrocution	
47	1705978	2	Decal - 230KG Capacity	
49	1001189882	1	Decal - MSSO Operation	
52	1001233452	1	Decal - Lifting Diagram	
53	1001204510	1	Decal - Sound Power Level (Prior to SN 0300247156)	
53	1001237844	1	Decal - Sound Power Level (SN 0300247156 through 0300270863)	
54	1001117307	1	Decal - Emergency Stop	

SECTION 9 - DECALS

FIGURE 9-5. DECAL INSTALLATION - CHINA SPECS (ENGLISH/CHINESE LANGUAGES)



ART_1001223548

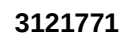
SECTION 9 - DECALS

FIGURE 9-5. DECAL INSTALLATION - CHINA SPECS (ENGLISH/CHINESE LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223548	1	DECAL INSTALLATION - CHINA	C
1	0641406	4	Bolt 1/4 X 3/4	
2	1701499	2	Decal - No Tie Down/Lift	
3	1701501	4	Decal - Arrow	
4	1701505	2	Decal - Diesel Fuel	
5	1701509	1	Decal - Manual	
6	1001233785	1	Decal - Charger Plug	
7	1702155	2	Decal - Battery Disconnect	
8	See Note	NSS	Decal - Bar Code (Note: Not Available For Purchase)	
9	1001116846	2	Decal - Caution No Hands	
10	1703925	1	Decal - Warning/Danger	
11	1703949	6	Decal - Crushing	
12	1001116851	5	Decal - Electrocution	
13	1703811	4	Decal - Lifting Lug	
14	1703814	6	Decal - Tie Down	
15	1703943	5	Decal - Warning/Crushing	
16	1703959	2	Decal - Quik Stik	
17	1703960	4	Decal - Maximum Tire Load	
18	1704277	3	Decal - Lanyard Attach	
20	1704412	1	Decal - Hydraulic Oil	
21	1706060	1	Decal - Warning Fire Hazard	
22	1001116849	1	Decal - Warning Inspection	
23	1705430	1	Decal - Drive Steer Instructions	
24	See Note	NSS	Nameplate - Manufacturers (Note: Not Available for Purchase)	
25	1703982	1	Decal - Footswitch	
26	3311405	4	Nut 1/4	
27	3820001	2	Rivet	
28	4751400	8	Washer 1/4	
29	91403230	1	Box, Manual Storage	
30	1705977	1	Decal - Upright Level Over Ride	
31	1001121810	2	Decal - Warning Maximum Capacity	
32	1001121823	1	Decal - Warning Maximum Capacity	
33	1001125483	6	Decal - Pressure Wash	
35	1001174449	2	Decal - Hybrid	
36	1001224050	1	Decal - Yearly Inspection	
37	1001223552	1	Decal - Legend	
38	1001223553	1	Decal - Legend	
39	1001233065	2	Decal - Tipping Hazard	
40	1001233010	9	Decal - Electrical Shock Hazard	
41	1001223558	2	Decal - H800AJ	
43	1001228411	1	Decal - LED Indicator	
52	1001233452	1	Decal - Lifting Diagram	
54	1001117307	1	Decal - Emergency Stop	

510

H800AJ



**NOTE: ADDITIONAL DECALS CALLED OUT ON
DECAL INSTALLATION - OPTIONS.**

ART_1001223547

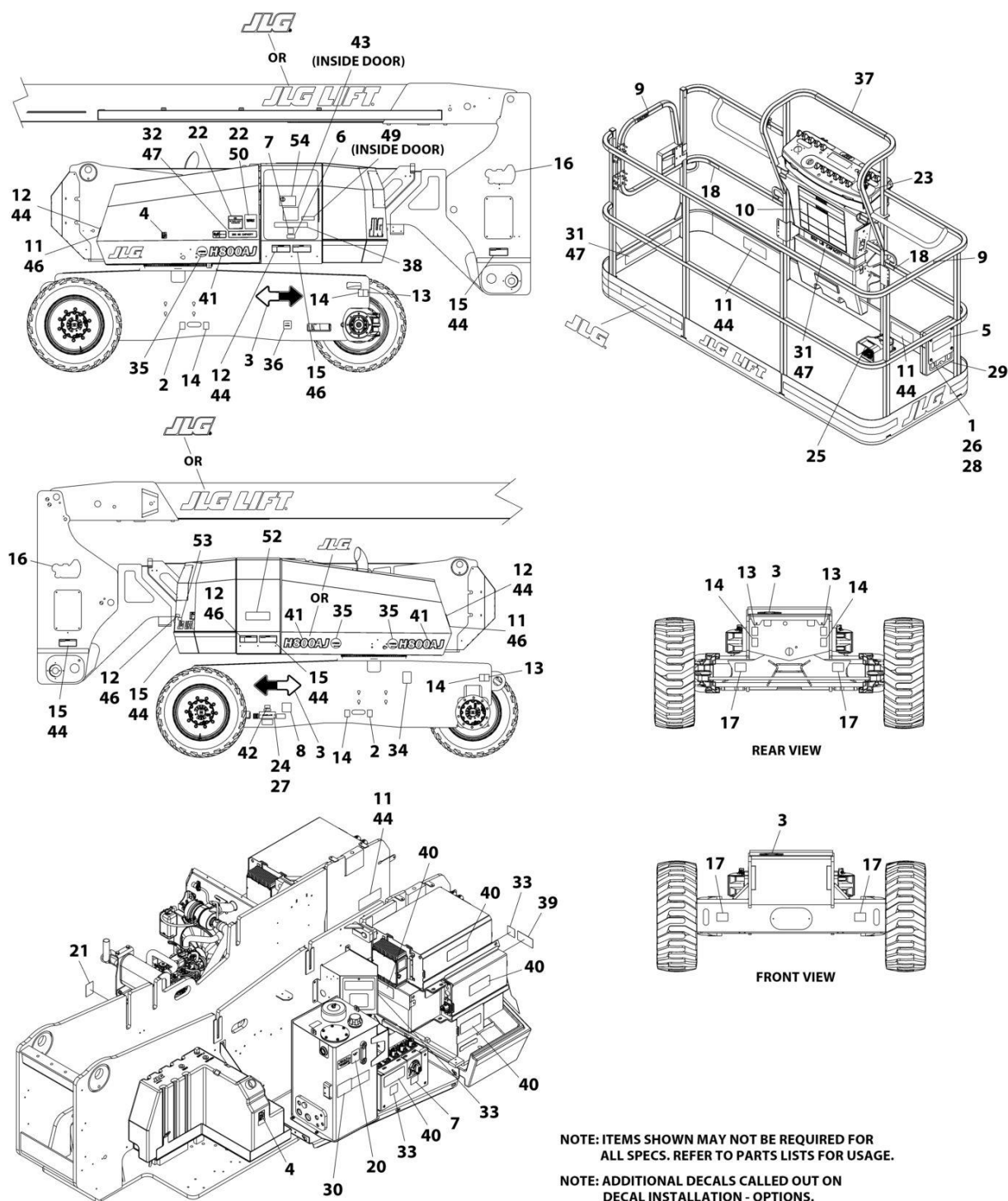
SECTION 9 - DECALS

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223547	1	DECAL INSTALLATION - CSA	C
1	0641406	4	Bolt, 1/4 x 3/4	
2	1701499	2	Decal - No Tie Down/Lift	
3	1701501	4	Decal - Arrow	
4	1701505	2	Decal - Diesel Fuel	
5	1701509	1	Decal - Manual	
6	1001233785	1	Decal - Charger Plug	
7	1702155	2	Decal - Battery Disconnect	
8	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
9	1704000	2	Decal - No Hands	
10	1703924	1	Decal - Warning/Danger	
11	1703948	6	Decal - Warning/Crushing	
12	1703936	5	Decal - Electrocution	
13	1703811	4	Decal - Lifting Lug	
14	1703814	6	Decal - Tie Down	
15	1703942	5	Decal - Crushing	
16	1703959	2	Decal - Quik Stik	
17	1703960	4	Decal - Maximum Tire Load	
18	1704277	3	Decal - Lanyard Attach	
20	1704412	1	Decal - Hydraulic Oil	
21	1706064	1	Decal - Warning Fire Hazard	
22	1705347	1	Decal - Warning Inspection	
23	1705429	1	Decal - Drive/Steer Instructions	
24	See Note	NSS	Nameplate - Manufacturers (Note: Not Available for Purchase)	
25	1703984	1	Decal - Footswitch	
26	3311405	4	Nut 1/4	
27	3820001	2	Rivet	
28	4751400	8	Washer 1/4	
29	91403230	1	Box, Manual Storage	
30	1705977	1	Decal - Upright Level Over Ride	
31	1001121803	2	Decal - Warning Maximum Capacity	
32	1001121816	1	Decal - Warning Maximum Capacity	
33	1001125483	6	Decal - Pressure Wash	
34	1001131269	1	Decal - Patent	
35	1001174449	2	Decal - Hybrid	
36	1001223971	1	Decal - Yearly Inspection	
37	1001223552	1	Decal - Legend	
38	1001223553	1	Decal - Legend	
39	1001233063	2	Decal - Tipping Hazard	
40	1001233008	9	Decal - Electrical Shock Hazard	
41	1001223558	2	Decal - H800AJ	
42	1001228370	1	Decal - ICES	
43	1001228411	1	Decal - LED Indicator	
52	1001233452	1	Decal - Lifting Diagram	
54	1001117307	1	Decal - Emergency Stop	

SECTION 9 - DECALS

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



ART_1001223545

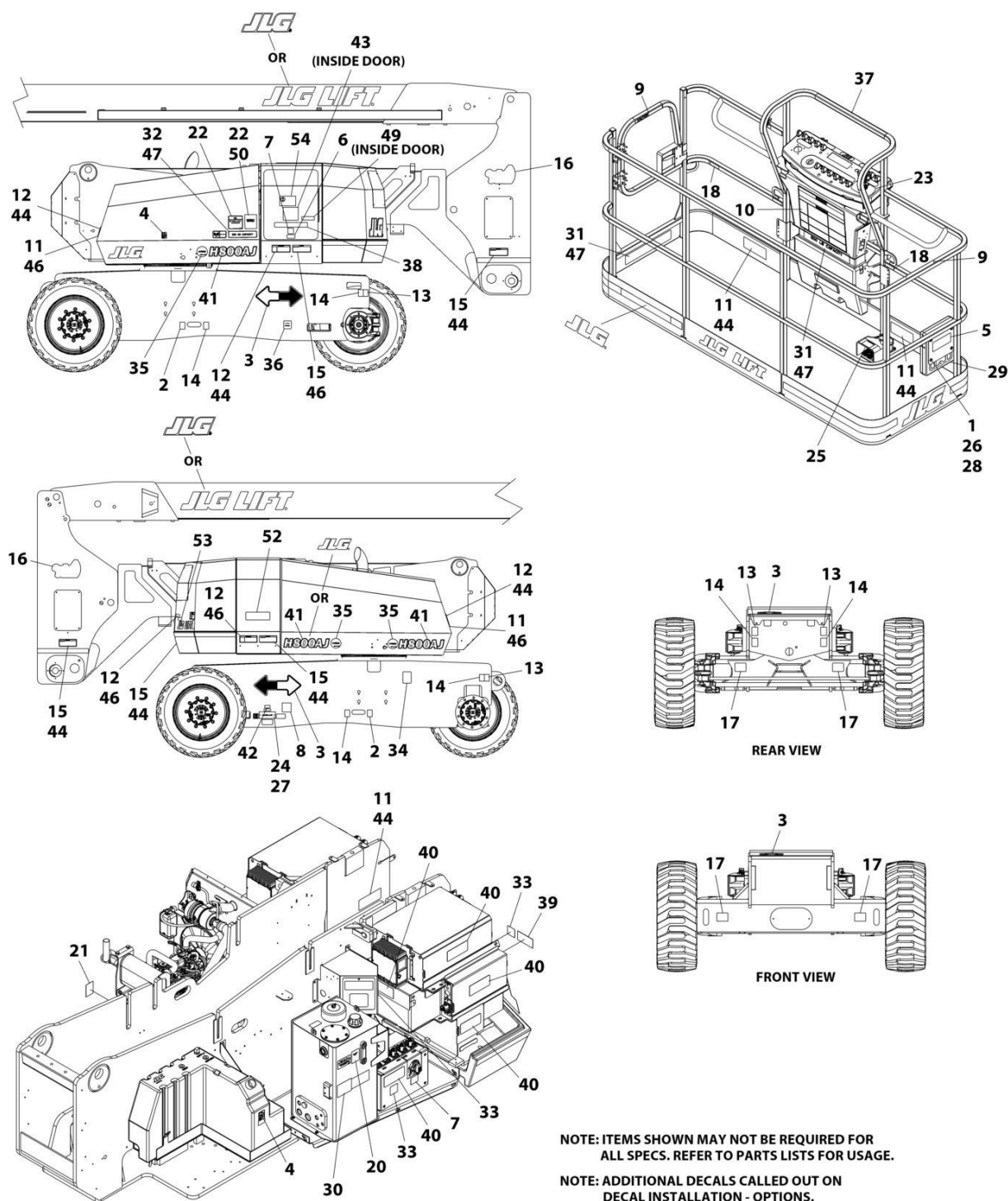
SECTION 9 - DECALS

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223545	1	DECAL INSTALLATION - JAPANESE	C
1	0641406	4	Bolt, 1/4 x 3/4	
2	1701499	2	Decal - No Tie Down/Left	
3	1701501	4	Decal - Arrow	
4	1701505	2	Decal - Diesel Fuel	
5	1701509	1	Decal - Manual	
6	1001233785	1	Decal - Charger Plug	
7	1702155	2	Decal - Battery Disconnect	
8	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
10	1703926	1	Decal - Danger/Warning	
11	1703950	6	Decal - Crushing	
12	1703938	5	Decal - Electrocution	
13	1703811	4	Decal - Lifting Lug	
14	1703814	6	Decal - Tie Down	
15	1703944	5	Decal - Warning/Crushing	
16	1703959	2	Decal - Quik Stik	
17	1703960	4	Decal - Maximum Tire Load	
18	1704277	3	Decal - Lanyard Attach	
20	1704412	1	Decal - Hydraulic Oil	
21	1706062	1	Decal - Warning Explosion/Fire	
22	1705344	1	Decal - Warning Inspection	
23	1705426	1	Decal - Drive/Steer Instructions	
24	See Note	NSS	Nameplate - Manufacturers (Note: Not Available for Purchase)	
25	1703980	1	Decal - Footswitch	
26	3311405	4	Nut 1/4	
27	3820001	2	Rivet	
28	4751400	8	Washer 1/4	
29	91403230	1	Box, Manual Storage	
30	1705977	1	Decal - Upright Level Over Ride	
31	1001121808	2	Decal - Warning Maximum Capacity	
32	1001121821	1	Decal - Warning Maximum Capacity	
33	1001125483	6	Decal - Pressure Wash	
35	1001174449	2	Decal - Hybrid	
36	1001224053	1	Decal - Yearly Inspection	
37	1001223552	1	Decal - Legend	
38	1001223553	1	Decal - Legend	
39	1001233068	2	Decal - Tipping Hazard	
40	1001233013	9	Decal - Electrical Shock Hazard	
41	1001223558	2	Decal - H800AJ	
43	1001228411	1	Decal - LED Indicator	
52	1001233452	1	Decal - Lifting Diagram	
54	1001117307	1	Decal - Emergency Stop	

SECTION 9 - DECALS

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



ART_1001223546

SECTION 9 - DECALS

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223546	1	DECAL INSTALLATION - KOREAN	C
1	0641406	4	Bolt, 1/4 x 3/4	
2	1701499	2	Decal - No Tie Down/Lift	
3	1701501	4	Decal - Arrow	
4	1701505	2	Decal - Diesel Fuel	
5	1701509	1	Decal - Manual	
6	1001233785	1	Decal - Charger Plug	
7	1702155	2	Decal - Battery Disconnect	
8	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
9	1705969	2	Decal - No Hands	
10	1703927	1	Decal - Warning/Danger	
11	1703951	6	Decal - Warning/Crushing	
12	1703939	5	Decal - Danger Electrocution	
13	1703811	4	Decal - Lifting Lug	
14	1703814	6	Decal - Tie Down	
15	1703945	5	Decal - Warning/Crushing	
16	1703959	2	Decal - Quik Stik	
17	1703960	4	Decal - Maximum Tire Load	
18	1704277	3	Decal - Lanyard Attach	
20	1704412	1	Decal - Hydraulic Oil	
21	1706061	1	Decal - Warning Fire Hazard	
22	1705345	1	Decal - Warning Inspection	
23	1705427	1	Decal - Drive/Steer Instructions	
24	See Note	NSS	Nameplate - Manufacturers (Note: Not Available for Purchase)	
25	1703981	1	Decal - Footswitch	
26	3311405	4	Nut 1/4	
27	3820001	2	Rivet	
28	4751400	8	Washer 1/4	
29	91403230	1	Box, Manual Storage	
30	1705977	1	Decal - Upright Level Over Ride	
31	1001121918	2	Decal - Warning Maximum Capacity	
32	1001121921	1	Decal - Warning Maximum Capacity	
33	1001125483	6	Decal - Pressure Wash	
35	1001174449	2	Decal - Hybrid	
36	1001224048	1	Decal - Yearly Inspection	
37	1001223552	1	Decal - Legend	
38	1001223553	1	Decal - Legend	
39	1001233064	2	Decal - Tipping Hazard	
40	1001233009	9	Decal - Electrical Shock Hazard	
41	1001223558	2	Decal - H800AJ	
43	1001228411	1	Decal - LED Indicator	
52	1001233452	1	Decal - Lifting Diagram	
54	1001117307	1	Decal - Emergency Stop	

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



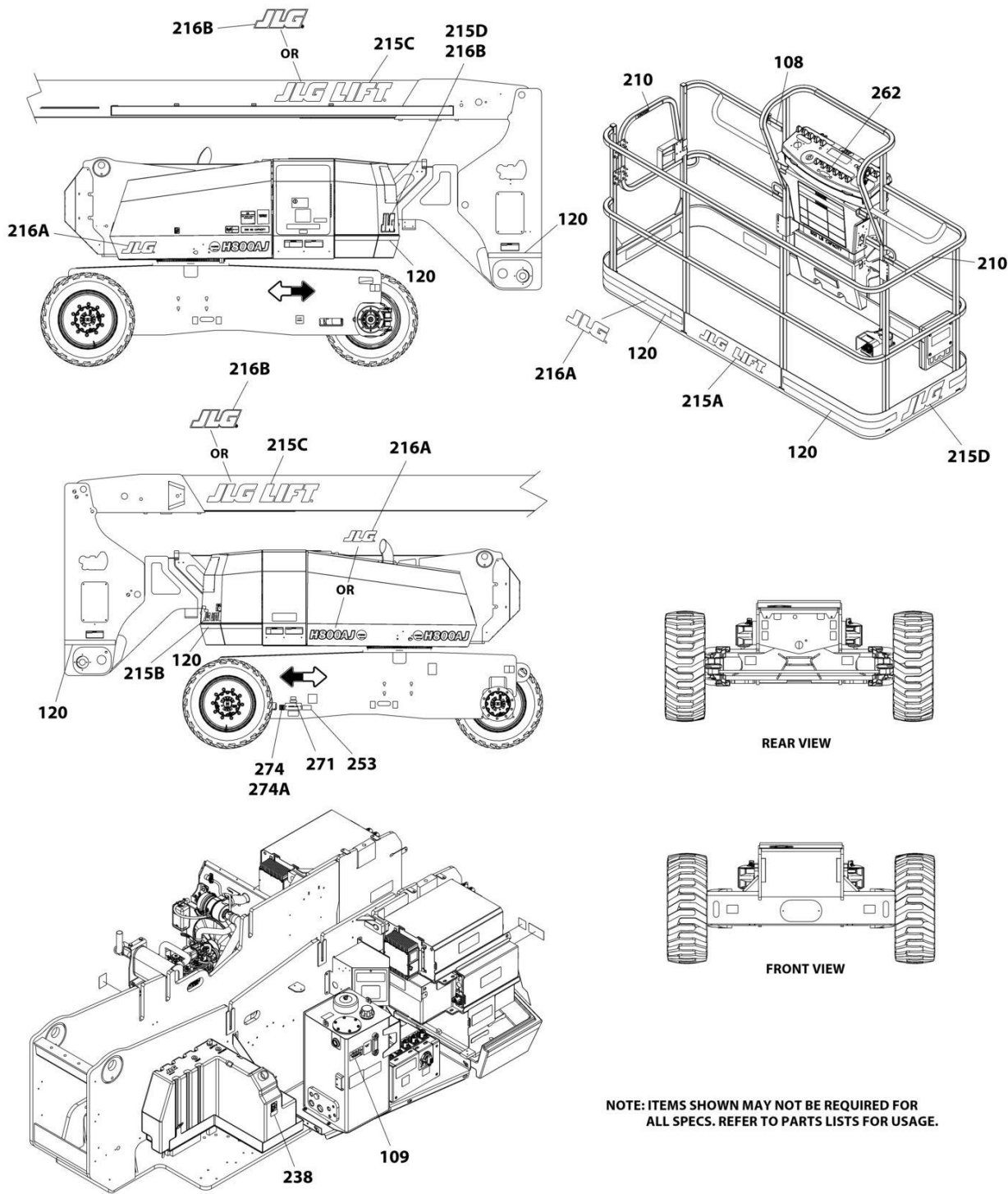
SECTION 9 - DECALS

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223549	Ref	DECAL INSTALLATION - LATIN AMERICAN	C
1	0641406	4	Bolt, 1/4 x 3/4	
2	1701499	2	Decal - No Tie Down/Lift	
3	1701501	4	Decal - Arrow	
4	1701505	2	Decal - Diesel Fuel	
5	1701509	1	Decal - Manual	
6	1001233785	1	Decal - Charger Plug	
7	1702155	2	Decal - Battery Disconnect	
8	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
9	1704001	2	Decal - No Hands	
10	1703923	1	Decal - Warning/Danger	
11	1703947	6	Decal - Warning/Crushing	
12	1703935	5	Decal - Electrocution	
13	1703811	4	Decal - Lifting Lug	
14	1703814	6	Decal - Tie Down	
15	1703941	5	Decal - Warning/Crushing	
16	1703959	2	Decal - Quik Stik	
17	1703960	4	Decal - Maximum Tire Load	
18	1704277	3	Decal - Lanyard Attach	
20	1704412	1	Decal - Hydraulic Oil	
21	1706063	1	Decal - Warning Fire Hazard	
22	1705917	1	Decal - Warning Inspection	
23	1705910	1	Decal - Drive/Steer Instructions	
23	See Note	NSS	Nameplate - Manufacturers (Note: Not Available for Purchase)	
25	1703983	1	Decal - Footswitch	
26	3311405	4	Nut 1/4	
27	3820001	2	Rivet	
28	4751400	8	Washer 1/4	
29	91403230	1	Box, Manual Storage	
30	1705977	1	Decal - Upright Level Over Ride	
31	1001121805	2	Decal - Warning Maximum Capacity	
32	1001121818	1	Decal - Warning Maximum Capacity	
33	1001125483	6	Decal - Pressure Wash	
35	1001174449	2	Decal - Hybrid	
36	1001224049	1	Decal - Yearly Inspection	
37	1001223552	1	Decal - Legend	
38	1001223553	1	Decal - Legend	
39	1001233067	2	Decal - Tipping Hazard	
40	1001233012	9	Decal - Electrical Shock Hazard	
41	1001223558	2	Decal - H800AJ	
43	1001228411	1	Decal - LED Indicator	
52	1001233452	1	Decal - Lifting Diagram	
54	1001117307	1	Decal - Emergency Stop	

SECTION 9 - DECALS

FIGURE 9-10. DECALS INSTALLATION - OPTIONS



NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FOR ALL SPECS. REFER TO PARTS LISTS FOR USAGE.

ART_DECAL OPTIONS

SECTION 9 - DECALS

FIGURE 9-10. DECALS INSTALLATION - OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223519	Ref	DECAL INSTALLATION - REFERENCE CHART	B
	1001221047	Ref	DECAL INSTALLATION - OPTIONS	C
108	1702962	1	Decal - Proposition 65	
109	1702788	1	Decal - Biodegradeable Hydraulic Fluid (All Specs except German Spec)	
109	1703479	1	Decal - Biodegradeable Hydraulic Fluid (German Spec)	
120	4420051	23 ft /7m	Decal - Warning Stripes	
		Ref	Decal - No Hands Options	
210	1702868	2	Decal - No Hands (ANSI/ANSI Export/Australian/CE Specs) (English Language)	
210	1705967	1	Decal - No Hands (Brazil Specs) (Portuguese & Spanish Languages)	
210	1001116846	2	Decal - No Hands (China Specs) (English & 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)	
215	1001232986	Ref	Decal Installation - JLG Logo (All Specs Except CE Specs) (Not Shown)	B
215A	1702773	1	Decal - JLG	
215B	1702774	2	Decal - JLG Lift	
215C	1702861	2	Decal - JLG Lift	
215D	1001159323	1	Decal - JLG	
216	1001235097	Ref	Decal Installation - JLG Logo (CE Specs Only) (Not Shown)	A
216A	1702773	3	Decal - JLG	
216B	1001159323	3	Decal - JLG (CE Specs Only)	
238	1001125387	1	Decal - Ultra Low Sulfur Fuel (ANSI & CSA Specs)	
238	1001139654	1	Decal - Ultra Low Sulfur Fuel (CE Specs)	
253	1001143852	1	Decal - Emission Compliance (ANSI Export, Australian and China Specs)	
262	1001141300	1	Decal - SkyGuard Override (Without Soft-Touch)	
262	1001141302	1	Decal - SkyGuard Override (With Soft-Touch)	
271	1705514	1	Decal - CSA (CSA Specs)	
274	1001214030	1	Decal - EAC Installation (CIS and Russia Specs)	
274A	1001173703	1	Decal - EAC	

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	
	70002231	12	Element, Filter	
	70004460	1	Coil	
	70006956	1	Coil	
	70004595	1	Coil	
	70004653	1	Coil	
	7018991	1	Coil	
	70004463	1	Coil	
	70002814	12	Hydraulic Tank Service Kit	
	1001226932	2	Fuse 40Amp	
	1001226933	2	Fuse 80Amp	
	1001236759	1	Switch, STDP Interlock	
	1001222340	1	Relay, Main Contactor	
	1001222365	1	Relay	
	1001228440	2	Fuse 15Amp	
	1001233198	1	Fuse 200Amp - 400Amp	
	3740112	1	Relay	
	8225117	1	Relay	
	8229234	2	Fuse 10Amp	
	8229236	2	Fuse 30Amp	
	8229237	2	Fuse 15Amp	
	8229261	2	Fuse 5Amp	
	1001095704	1	Relay	
	1001172066	2	Fuse 35Amp	
	1001227788	2	Fuse 2Amp	
	1001247362	1	Fuse - 40 Amp	
	4360469	1	Switch, Key	
	2860030	1	Key, Replacement	
	4360475	1	Switch, Emergency Stop	
	4360476	1	Switch, Contact Block	
	1001155045	1	Switch, Toggle	
	1001190545	12	Strainer, Fuel	
	7015004	12	Element, Air Filter	
	70005296	12	Element, Fuel/Water Separator Filter	
	70002013	1	Repair Section - Power Track (Main Boom)	
	7020066	1	Repair Section - Power Track (Tower Boom)	
	70002386	1	Coil	
	4360387	1	Switch, Push Button	
	4360407	1	Switch, Potentiometer	
	1001159256	1	Switch, Toggle	
	1001161709	1	Switch, Toggle	
	1001129555	1	Controller Assembly (Lift and Swing)	
	1001212415	1	Controller Assembly (Drive and Steer)	

SECTION 10 - RECOMMENDED SERVICE PARTS STOCK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001211363	1	Switch, Toggle	
	4360328	1	Switch, Toggle	
	1001137673	1	Switch, SkyGuard Assembly	
	2400080	2	Fuse 1Amp	
	1001234313	2	Fuse 7.5Amp	
		Ref	VARIABLE PARTS	
	4360517	1	Switch, Proximity	
	70002838	1	Fill Cap Assembly (Includes Cap, Chain & Fill Basket)	
	1001222358	1	Regulator, Battery	
	1001219601	1	Sensor, Tilt	
	1001222879	1	Controller, IMG	
	1001223581	1	Control, H-Bridge	
	1001222338	1	Module, Ground Control	
	4360336	1	Switch, Toggle (With Generator)	
	4360578	1	Switch, Limit	
	4360498	1	Switch, Proximity	
	4360499	1	Switch, Proximity	
	1001094400	1	Sensor, Tilt Sensor	
	2940074	1	Latch (Machines with Gate)	
	1001106938	1	Module, Platform Control	
	4360057	1	Switch, Limit Machies with Soft Touch)	
	1001181045	1	Breaker, 30mA/16Amp (CE Spec)	

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	
	1001152965	Ref	Beacon/Strobe Light (Amber) (Platform Mounted) Installation	
	1001228656	Ref	Beacon/Strobe Light (Amber) (Dual Ground & Platform Mounted) Installation	
	1001158259	Ref	Bellows Installation - Chassis	
	2910887	Ref	Boom Wear Pad Kit	
	0258654	Ref	Boom Wipers Installation	
	1001172045	Ref	Cable/Ladder Carrier Installation (800AJ Only)	
		Ref	ClearSky Telematics Add-on Kits (Dealer Installed)	
	1001230187	Ref	ClearSky Telematics Add-on Kits - Canbus Connection (Dealer Installed) (ANSI & CSA Specs)	
	1001234099	Ref	ClearSky Telematics Add-on Kits - Canbus Connection (Dealer Installed) (CE Specs)	
	1001230504	Ref	ClearSky Telematics Add-on Kits - 3 Wire Connection (Dealer Installed) (ANSI & CSA Specs)	
	1001234102	Ref	ClearSky Telematics Installation - 3 Wire Connection (Dealer Installed) (CE Specs)	
	1001242192	Ref	ClearSky Access Control Add-on Kit	
	1001243183	Ref	ClearSky Telematics Access Control Add-on Kit - Canbus (ANSI & CSA Specs)	
	1001243184	Ref	ClearSky Telematics Access Control Add-on Kit - Canbus (ANSI Export & CE Specs)	
		Ref	ClearSky Telematics Installation (Factory Installed)	
	1001227448	Ref	ClearSky Telematics Installation - Canbus Connection (Factory Installed) (ANSI & CSA Specs)	
	1001246473	Ref	ClearSky Telematics Installation - Canbus Connection (Factory Installed) (Australian Specs)	
	1001228949	Ref	ClearSky Telematics Installation - Canbus Connection (Factory Installed) (ANSI Export & CE Specs)	
	1001246474	Ref	ClearSky Telematics Installation - Canbus Connection (Factory Installed) (China Specs)	
	1001229107	Ref	ClearSky Telematics Installation - 3 Wire Connection (Factory Installed) (ANSI & CSA Specs)	
	1001233237	Ref	ClearSky Telematics Installation - 3 Wire Connection (Factory Installed) (ANSI Export & CE Specs)	
	1001238307	Ref	Charging Kit – 120V (Dual Plug)	
	1001235269	Ref	Clutch Actuator Installation Kit	
	1001227904	Ref	Cold Weather Package Installation - 120V (All Specs except CE Specs)	
	1001232214	Ref	Cold Weather Package Installation - 240V (CE Specs Only)	
	1001115918	Ref	Cribbing Installation	
		Ref	Decal Installation Options:	
	1001127094	Ref	Decal - ClearSky (ANSI, ANSI Export, CSA and CE Spec) (Steel Hoods)	
	0274528	Ref	Decal - Head and Engquist Equipment L.L.C. (HANDE)	
		Ref	Decal Kit Options:	
	1001220864	Ref	Boom Transport Decal Kit	
	1001108721	Ref	Platform Decal Kit (ANSI Specs)	
	2902396	Ref	Drive/Steer Cutout Kit	

SECTION 11 - SPECIAL OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001148902	Ref	Electrical Connector Kits - Amp	
	1001148903	Ref	Electrical Connector Kits - Deutsch DT	
	1001148904	Ref	Electrical Connector Kits - Deutsch HD	
	1001148905	Ref	Electrical Connector Kits - Packard	
	1001148906	Ref	Electrical Connector Kits - Various	
	1001246867	Ref	Enhanced Detection System (EDS) Level 1 (2-Bar) Installation Kit	
	1001246860	Ref	Enhanced Detection System (EDS) Level 2 (3-Bar) Installation Kit	
	1001108962	Ref	Exhaust Rain Cap Installation (Australian and CE Specs)	
	1001139099	Ref	Fire Extinguisher Installation (20lb)	
	1001117294	Ref	Footswitch Shield (Note: Move Decal to Shield)	
	1001202749	Ref	Fuel Cap Cover Installation (Black) (Note: Lock p/n 1001102157 must be Purchased Separately)	
	1001191395	Ref	Fuel Cap Cover Installation (Green) (Diesel Machines) (Note: Lock p/n 1001102157 must be Purchased Separately)	
	1001094475	Ref	Generator Hourmeter Installation	
	1001227816	Ref	Headlights and Taillights Installation	
	1001183225	Ref	Hose Kit - Main Boom	
	1001183226	Ref	Hose Kit - Tower Boom	
	1001148971	Ref	Lanyard (Bolt-On) Kit Installation	
	1001195304	Ref	Platform Console Cover Installation (Factory Installed)	
	1001110974	Ref	Platform Console Cover Installation (Factory Installed)	
	1580013	Ref	Platform Corner Tray Installation	
	1001142504	Ref	Platform Entry Kit - Drop Bar (To Replace Swing Gate with Drop Bar)	
	1001142505	Ref	Platform Entry Kit - Swing Gate (To Replace Drop Bar with Swing Gate)	
	1001120467	Ref	Platform Floodlights Installation	
	0273147	Ref	Platform Mesh to Top Rail Installation - 2.5ft x 4ft Platforms (ANSI/ANSI Export and CSA Specs)	
	0273149	Ref	Platform Mesh to Top Rail Installation - 3ft x 6ft Platforms (ANSI/ANSI Export and CSA Specs)	
	0273145	Ref	Platform Mesh to Top Rail Installation - 3ft x 8ft Platforms (ANSI/ANSI Export and CSA Specs)	
		Ref	Platform Mesh to Top Rail Add-on Kits:	
	1001214552	Ref	30in x 4ft (76cm x 1.22m) 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 Mid Rail Add-On Kits: (ANSI Specs)	
	1001214478	Ref	30in x 4ft (76cm x 1.22m) with Gate	
	1001214524	Ref	30in x 6ft (76cm x 1.83m) 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	
	0272733	Ref	Platform, Top Rail Extension Installation - 3ft x 6ft Platforms	
	0272725	Ref	Platform, Top Rail Extension Installation - 3ft x 8ft Platforms	
	1001120466	Ref	Platform Worklights Installation	
	1001209059	Ref	Platform Work Surface Installation	
	1001247073	Ref	SkyEye Retrofit Kit	
	1001205492	Ref	SkyGlazier Tray Kit (ANSI Specs)	
	1001197016	Ref	SkyGuard Platform Sensor Kit	
	1001232643	Ref	SkyLine Kit	
	1001157013	Ref	Soft-Touch Counterweight Installation	
		Ref	Tools for Service	
	1600244	1	Analyzer, Machine System	

SECTION 11 - SPECIAL OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7002840	1	Antirotation Pin Removal Tool	
	1001227898	1	Clutch Shaft Alignment Tool (Production)	
	1001234306	1	Clutch Shaft Alignment Tool (Service)	
	8896941	1	Wire Stripper	
	7002821	1	Wire Crimper (To install wire ends to wires)	
	7002823	1	Pin/Socket Extractor - Universal (To Remove Pins/Sockets from Connectors)	
	4460467	1	Extractor - 16-18 Gauge (For Removal of Pin/Sockets from Deutsch Connectors)	
	4460510	1	Extractor - 12-14 Gauge (For Removal of Pin/Sockets from Deutsch Connectors)	
	7002822	1	Screwdriver, Potentiometer (To Adjust Drive Controllers)	
	7016654	1	Screwdriver, Magnetic	
	7004275	1	Seal Installation Tool - 1in	
	7004276	1	Seal Installation Tool - 1-1/2in	
	7002826	1	Seal Installation Tool - 2in	
	7016655	1	Wire Rope Sheave Gauge	
	7016652	1	Huck Bolt Fastener (For Small Huck Bolts Only)	
	70000017	1	ADE Software CD	
	1001137005	1	Software Cable Kit	
	70005663	1	Tool, Port Plate for Pump p/n 1001142522	
	0256196	Ref	Wheel Covers Installation	

PART NUMBER INDEX

SECTION 11 - SPECIAL OPTIONS

0100009.....101, 255, 259	0272733 527	0641516 183, 187	0711626.....140, 144
0100011.....15, 17, 19, 21, 23, 41, 43, 47, 49, 71, 75, 77, 81, 83, 86, 93, 95, 101, 107, 111, 113, 115, 117, 119, 122, 125, 127, 132, 135, 137, 140, 144, 147, 149, 151, 153, 165, 179, 183, 187, 195, 197, 199, 201, 203, 207, 209, 211, 213, 217, 221, 223, 225, 231, 235, 239, 245, 275, 277, 279, 281, 285, 287, 291, 293, 295, 297, 313, 317, 323, 327, 333, 339, 345, 349, 409, 413, 423, 425, 427, 429, 431	0273145 527	0641560 23	0721005.....279, 281
010001961, 71, 179, 183, 187	0273147 527	0641604 195, 197, 217	0731005.....275, 277
0100020....132, 140, 144, 273, 375, 377, 381, 383, 385, 387, 389, 391, 393, 395, 397	0273149 527	0641605 209	0741607....179, 183, 187, 195, 197
0100035.....95, 221, 255, 259	0273706 281	0641606 .41, 47, 49, 195, 197, 199, 201, 207, 209, 293, 295, 297	0741609.....21
0100038....203, 209, 313, 317, 323, 327, 333, 339, 345, 349	0273824 275	0641607 .19, 21, 77, 122, 195, 197, 199, 201, 203, 207, 213	0760508.....155
0100048....107, 179, 183, 187, 219, 255, 259, 447	0274528 526	0641608 ... 39, 77, 81, 86, 89, 91, 95, 119, 122, 195, 197, 199, 201, 203	0760606....165, 180, 184, 188
0100062.....141, 144	0275216375, 471	0641609 122, 201, 203	0760607.....140, 144
0100079.....187	0275217381, 473	0641610 ... 111, 113, 115, 117, 122, 132, 203, 251, 253	0760608.....140
0100081....122, 207, 255, 289	0275452385, 475	0641611 75, 195, 197, 199	0760610.....99, 140, 144
0140011.....255, 259	0275453389, 477	0641612 ... 201, 423, 425, 427, 429, 431	0760612.....175
0140044.....107	0275454393, 479	0641614 47, 49, 77	0760807.....86, 95
0200048....275, 277, 279, 281	0275733 219	0641615 203	0760808.....141, 145
0232121.....43	0340045140, 144	0641616 ... 179, 184, 187, 203	0760810....140, 144, 225
0256196.....528	0370034 317	0641618 195, 199	0760812.....93
0256202.....403	0400075 93	0641622 209	0760814....147, 149, 175
0258077.....207	0440244 71	0641624 207, 209	0761010.....147, 149
0258217.....217	0480100 301	0641640 207	0761014.....225
0258567.....221	0561185 203	0641652 349	0761015....140, 144, 147, 149
0258654.....526	0561295 201	0641806 203, 345, 347	0761020.....147, 149
0259420.....209	0610131 101	0641808 133	0761215....133, 179, 183, 187
0270886.....33	0630427 217	0641810 19, 21, 86	0761216.....225
0270888.....35	0630446 81	0641812 75, 86, 135, 137, 223	0801132....194, 197, 203
0271085.....33	0630462 ... 275, 277, 279, 281	0641814 86	0801136.....197
0271086.....33	0630467211, 213	0641816 177	0801496.....203
0271090.....35	0630485 122	0641820 75, 195	0801573.....201
0271091.....35	0630518293, 295, 297	0641824 177	0801591.....201
0271340.....265	0630534323, 325	0641840 195, 197	0801594.....203
0272070.....223	0630535 ... 313, 315, 339, 341, 345, 347, 349, 351	0642012 289	0811406.....95
0272254.....295	0630536333, 335	0642016 61, 132	0811606.....95
0272259.....373	0630537 ... 317, 319, 327, 329	0642212 15, 17, 289	0811608.....77, 141, 144
0272260.....379	0630548 101	0642214 195, 197	0811610.....122
0272427.....279	0630568256, 260	0642620 195, 197	0811812.....122
0272433.....405	0641403 221	0642684 223	0860038....187, 373, 379
0272435.....188	0641404 ... 179, 183, 187, 195, 197, 255, 259, 291	0681608 ... 15, 17, 77, 93, 223, 225	0861538.....187
0272521.....293	0641405 86, 101, 107, 291	0681620 303, 305, 307	0861572.....183
0272589.....184	064140686, 93, 119, 179, 249, 251, 253, 407, 409, 411, 413, 501, 503, 505, 507, 509, 511, 513, 515, 517	0681814 241, 247	0861731....387, 391, 395, 397, 475, 477, 479
0272725.....527	064140786, 101, 132	0681822 23, 241, 247	0861781....377, 383, 471, 473
	064140893, 95, 101, 122, 132, 219, 251, 253	0682016 23	0861880.....437, 439
	0641410 41	0682023 71	0902888.....183, 187
	064141447, 49, 255, 259, 275, 277, 279, 281, 285, 287	0682032 71	0903242.....75
	0641416 ... 375, 377, 381, 383, 385, 387, 389, 391, 393, 395, 397	0682216 61	0903697.....411
	0641418 ... 211, 213, 231, 235, 239, 245	0682236 15, 17	0940049.....122
	064142495, 195, 199	0682424 303, 305, 307	0940092....275, 277, 279, 281
	064143247, 49	0700408 ... 375, 377, 381, 383, 385, 387, 389, 391, 393, 395, 397	0940094....275, 277, 279, 281
	0641505 99	0700615 93, 111, 113, 115, 117	0940102.....289
	064150693, 447	0700617 125	0940103.....279
	0641507 83	0700618 127	0940133.....281
	064150843, 122, 133	0700815 147, 149	0940134.....275
	0641510 95	0701217 132	0940177.....277
	0641514 301		0961845....231, 235, 239, 245
			0961893.....323, 325
			0961894....313, 315, 339, 341

SECTION 11 - SPECIAL OPTIONS

0961897 ... 345, 347, 349, 351	1001104498.....495	1001118659.....451	1001138514..... 231, 235, 239, 245
0961901 317, 327	1001106450.....301	1001118744.....449	1001138566 179
0961903 333	1001106481..... 221	1001118745.....449	1001138795 325
0961947 194, 199	1001106736..... 101	1001118746.....132, 147, 149	1001138796315, 341
0961951 ... 201, 313, 315, 339, 341	1001106938..... 255, 259, 523	1001119020.....491	1001139099 527
0961986 132, 141, 144	1001106974..... 75	1001119031.....461	1001139654 519
0962051 177	1001107469..... 301	1001119602.....364	1001140429 231, 235, 239, 245
096210215, 17, 201, 203, 317, 319, 321, 327, 329, 331, 333, 335, 337	1001107529..... 75	1001119619.....445, 483	1001141300 519
0962122 203	1001107854.....495	1001119620.....485, 487	1001141302 519
0962152 21, 343	1001108134..... 99	1001120328.....285, 287, 291, 467	1001141995140, 144
0962155 339, 341	1001108256..... 277	1001120466.....527	1001142504 527
0962181 21	1001108617..... 47, 49	1001120467.....527	1001142505 527
0962270 241, 247	1001108721..... 526	1001120750.....99	1001142683 111, 113, 115, 117
0962335 194	1001108962..... 527	1001121122.....122	100114272293, 111, 113, 115, 117
0962336 323, 325	1001109654..... 407, 411, 437	1001121123.....122	1001142736 111, 113, 115, 117, 491
0962348 21	1001110166..... 122	1001121655.....505	1001143852 519
0962520 179, 183, 187	1001110425..... 47, 49	1001121656.....505	1001144295447, 465
0962524 345	1001110434..... 255, 259	1001121726.....449	1001144296 449
1001091460 29	1001110872..... 399, 401	1001121727.....445	1001144433255, 287
1001091461 29	1001110873..... 187, 373	1001121801.....501	1001144527 119
1001091969 375	1001110974.....527	1001121803.....511	1001144629 229, 233, 237, 243
1001091970 381	1001112551.....503	1001121805.....517	1001146219140, 144
1001091973 385	1001112612..... 417, 419, 491, 493	1001121808.....513	1001146220 101, 255, 259
1001091974 389	1001112796..... 463, 491	1001121810.....509	100114658899, 447
1001091975 393	1001113047..95, 99, 119, 122	1001121814.....501	1001147923 449
1001093382 93	1001113961.....493	1001121816.....511	1001148106 451
1001094400 219, 523	1001115918.....526	1001121818.....517	1001148652 201
1001094475 527	1001116290..... 125, 127	1001121821.....513	1001148675399, 401
1001094595 135, 137, 167	1001116694.....445	1001121823.....509	1001148902 527
1001095704 99, 522	1001116716.....495	1001121918.....515	1001148903 527
1001096138 463	1001116720..... 495, 497	1001121921.....515	1001148904 527
1001096141 501	1001116723.....445	1001125125.....429, 431	1001148905 527
1001096736 219	1001116727..... 445, 449	1001125126.....429, 431	1001148906 527
1001097051 423, 425, 427, 429, 431, 485	1001116745.....445	1001125387.....519	1001148971 527
1001097082 423, 425, 427, 429, 431	1001116747.....449	1001125483.....501, 503, 505, 507, 509, 511, 513, 515, 517	1001149284201, 345
1001097150 437	1001116774..... 445, 491	1001125677.....467, 493	1001149286194, 201
1001098122 273, 463, 467	1001116808..... 445, 491	1001125748.....451	1001149391345, 347
1001098167 311	1001116810..... 417, 419	1001125773.....451	1001150260 122
1001098828 225	1001116811..... 451	1001126008.....415, 421	100115037219, 21
1001099366 289	1001116812..... 461, 463, 493, 495	1001126009.....489	1001150539 ...19, 21, 343
1001099367 289	1001116816.....493	1001126010.....481	1001150610 451
1001099837 207	1001116846..... 509, 519	1001126011.....415, 467	1001150611 449
1001100341 471	1001116849..... 509	1001127094.....526	100115093719, 21
1001100342 473	1001116851..... 509	1001128241.....99	1001151034 19
1001100345 475	1001116894.....463	1001128527.....297	1001151980 19
1001100346 479	1001116995.....451	1001128556.....297	1001152483 441
1001100347 477	1001117012.....463	1001129555.....522	1001152525184, 188
1001101060 61, 64	1001117172.....273	1001129772.....451	1001152532179, 453
1001101191 375, 377, 381, 383, 385, 387, 389, 391, 393, 395, 397, 437, 439, 441	1001117174..... 255, 259, 273	1001129773.....451	1001152565 211, 213, 215
1001101196 375, 377, 381, 383	1001117219..... 123	1001130900.....443	1001152719 15
1001101197 385, 387, 389, 391, 393, 395, 397	1001117294..... 527	1001131130.....123	1001152965 526
1001103012 495	1001117307..... 501, 503, 505, 507, 509, 511, 513, 515, 517	1001131269.....501, 511	1001153025 370
1001103308 99, 101	1001117372.....311	1001136400.....207	1001153612 481
1001103810 19, 21	1001117568..... 122	1001136881.....365	1001153749219, 495
	1001118280..... 141, 144	1001137005.....528	1001154126 311
	1001118384.....489	1001137673.....285, 287, 523	1001154584 15
	1001118388.....489, 497	1001138173.....140, 144	1001154687 311
	1001118579..... 147, 149	1001138175.....140, 144	1001154875 17
	1001118657.....451	1001138248.....141, 144	1001154931 21
		1001138494.....231, 235, 239, 245	

SECTION 11 - SPECIAL OPTIONS

1001155035.....21	1001166538..... 256, 259, 267	1001182982 140, 144	1001198336.....355
1001155043.....101	1001166539..... 256, 260, 269	1001182983 140, 145	1001198338.....360
1001155044.....101, 255, 259	1001167164..... 175	1001182997 81	1001198339.....355
1001155045.....101, 255, 259, 522	1001167565..... 225	1001183225 527	1001198340.....360
1001155192.....21	1001167567..... 225	1001183226 527	1001198341.....360
1001155194.....17	1001167596..... 225	1001183726 180, 184, 188	1001200054..... 211, 213
1001155348.....183, 187	1001168243..... 95	1001185281 256, 260	1001200491..... 225
1001155673.....364	1001168244..... 95	1001185585 132	1001200494..... 225
1001155895.....122	1001168402..... 225	1001185964 449	1001200497..... 219, 445, 449
1001155899.....122	1001169054.....140, 144	1001186251 122	1001200910..... 111, 113
1001156136.....61	1001169085 109, 111, 113, 115, 117	1001186254 123	1001201351..... 225
1001156332.....359	1001169138.....140, 144	1001186333 241	1001202687..... 225
1001156333.....359	1001169754.....37, 39	1001186334 247	1001202688..... 223
1001156710.....15, 17	1001169755.....37, 39	1001186375 231	1001202749..... 527
1001156798.....73	1001169756.....37, 39	1001186378 235	1001203655..... 241
1001157013.....527	1001169757 37	1001186379 239	1001203656..... 247
1001157016.....23	1001169967.....140, 144	1001186382 245	1001204510..... 503, 507
1001157049.....71	1001170035.....140, 144	1001186383 243	1001204560... 15, 17, 311
1001157058.....71	1001170448..... 194	1001186384 237	1001204725..... 225
1001157209.....123, 125	1001170527..... 207	1001186385 233	1001205492..... 527
1001157292.....255, 259	1001170548.....194, 199	1001186387 229	1001205690..... 413, 441
1001157400.....355, 368	1001170838 101, 256, 260	1001186431 287	1001205958..... 385, 387, 389, 391, 393, 395
1001157401.....367, 368	1001170981.....140, 144	1001186432 489, 497	1001206119..... 179
1001157520.....184, 188	1001171016..... 411	1001186517 285, 287	1001206250..... 387
1001157521.....184, 188	1001171131..... 399	1001186919 147, 149, 180, 184, 188	1001206251..... 391
1001157525.....183, 184	1001171203..... 209	1001187508 285	1001206252..... 395
1001157528.....184, 188	1001171482 101	1001187674 283	1001206253..... 377
1001157592.....188	1001172045 526	1001187681 483	1001206254..... 383
1001157612.....122	1001172066.....99, 522	1001188135 359	1001206255..... 397
1001158007.....184, 188	1001172179 209	1001188387 451	1001206920..... 223
1001158008.....184, 188	100117221847, 49, 51	1001188622 225	1001207004..... 115, 117
1001158187.....41	1001172533.....141, 144	1001188840 203, 349	1001207969..... 213
1001158188.....41	1001172577 289	1001188842 351	1001208994..... 213, 225
1001158203.....41	1001172578 289	1001188844 225	1001209059..... 527
1001158258.....43	1001172760256, 260	1001188874 101	1001209664..... 285, 287
1001158259.....526	1001173703 519	1001188889 285	1001211363..... 256, 260, 523
1001158364.....107	1001174040 225	1001189001 225	1001212415..... 522
1001158522.....43	1001174449 501, 503, 505, 507, 509, 511, 513, 515, 517	1001189002 225	1001213447..... 467
1001159118.....399, 401	1001174486..... 132	1001189171 441	1001213584..... 373, 379, 403, 407, 409, 413
1001159119.....399, 401	1001175073 177	1001189172 441	1001213585..... 373, 379, 403, 407, 409, 413
1001159120.....399, 401	1001175074 177	1001189570 495	1001213705..... 195, 197
1001159121.....401	1001175075 177	1001189571 495	1001213852..... 301
1001159162.....99	1001176469 105	1001189572 495	1001213882..... 256, 260
1001159186.....459, 467	1001176862 399	1001189750 461	1001214030..... 519
1001159256.....255, 259, 522	1001177035 407	1001189882 507	1001214478..... 527
1001159301.....132	1001177710 407	1001190164 140, 145	1001214524..... 527
1001159323.....519	100117805777, 79	1001190545 132, 522	1001214540..... 527
1001159648.....370	1001179079 364	1001190577 421	1001214548..... 527
1001159707.....365	1001179154 188	1001190578 467	1001214552..... 527
1001160271.....370	1001179329 364	1001190609 132, 173	1001214561..... 527
1001160780.....43	1001179545 364	1001190985 225	1001214562..... 527
1001161089.....122	1001179546 364	1001191395 527	1001214690..... 141, 145
1001161355.....19, 21	1001180620 140, 144, 155	1001193018 375, 377, 381, 383, 385, 387, 389, 391, 393, 395, 397	1001215228..... 256, 260
1001161399.....19, 21	1001181045 437, 439, 523	1001194437 370	1001215289..... 365
1001161709.....256, 259, 522	1001181923 447	1001195304 527	1001216630..... 223, 225
1001162497.....93	1001181960 199	1001196297 359	1001217183..... 140, 145
1001163101.....119	1001182064 199	1001196382 179, 183, 187	1001217185..... 140, 145
1001165035.....132	1001182162 364	1001196768 123	1001217780..... 194, 199, 205
1001165350.....195, 199	1001182980140, 144	1001197016 527	1001218572..... 81
1001165368.....179, 409, 439		1001197017 275, 277, 279, 281	1001218622..... 405
1001165657.....19, 21		1001198333 360	1001218623..... 405

SECTION 11 - SPECIAL OPTIONS

1001219219.....	23, 29	1001223543.....	503	1001225362.....	481	1001227734.....	123
1001219415.....	301	1001223544.....	507	1001225429.....	147, 149	1001227735.....	123
1001219601.....	93, 523	1001223545.....	513	1001225476.....	443	1001227740.....	175
1001220486.....	256, 260	1001223546.....	515	1001225477.....	443	1001227741.....	175
1001220864.....	526	1001223547.....	511	1001225557.....	415	1001227742.....	175
1001221047.....	519	1001223548.....	509	1001225558.....	415	1001227743.....	175
1001221692.....	370	1001223549.....	517	1001225580.....	287, 497	1001227763.....	95
1001221813.....	165	1001223550.....	505	1001225591.....	443	1001227788.....	99, 522
1001222042.....	256, 260, 467	1001223552.....	501, 505, 509, 511, 513, 515, 517	1001225731.....	132	1001227793.....	119, 122
1001222047.....	421, 447	1001223553.....	501, 505, 509, 511, 513, 515, 517	1001225733.....	132	1001227794.....	123
1001222048.....	447, 459	1001223554.....	501	1001225745.....	135, 137, 171	1001227798.....	123
1001222050.....	99, 449	1001223556.....	501	1001225804.....	83	1001227816.....	527
1001222052.....	443, 447	1001223558.....	501, 503, 505, 507, 509, 511, 513, 515, 517	1001225968.....	101	1001227850.....	427
1001222055.....	423, 425, 427, 429, 431, 435	1001223560.....	503, 507	1001225969.....	101	1001227851.....	429
1001222336.....	415	1001223561.....	503, 507	1001225976.....	93, 101	1001227852.....	431
1001222338.....	101, 523	1001223565.....	103	1001225985.....	132	1001227853.....	425
1001222340.....	95, 522	1001223569.....	105	1001225994.....	447, 463	1001227869.....	83
1001222358.....	86, 523	1001223570.....	101	1001226031.....	89, 91	1001227870.....	83
1001222359.....	89, 91	1001223581.....	99, 523	1001226120.....	93, 95	1001227892.....	364, 368
1001222360.....	89, 91	1001223583.....	93	1001226121.....	96	1001227898.....	528
1001222363.....	95	1001223721.....	147, 149	1001226124.....	96	1001227901.....	91
1001222365.....	95, 522	1001223744.....	147, 149	1001226146.....	95	1001227904.....	526
1001222369.....	447, 481	1001223754.....	135, 140	1001226190.....	95	1001227909.....	165
1001222370.....	447	1001223787.....	140, 145	1001226267.....	447	1001227910.....	359, 368
1001222371.....	447	1001223794.....	451	1001226268.....	447	1001227925.....	447
1001222372.....	447	1001223797.....	451	1001226269.....	447	1001227985.....	283
1001222375.....	95	1001223842.....	147, 149	1001226270.....	447	1001227987.....	283
1001222378.....	95	1001223916.....	96	1001226404.....	99, 447, 461	1001227996.....	485, 487
1001222379.....	415	1001223917.....	96	1001226421.....	123	1001228009.....	194, 335
1001222380.....	415	1001223918.....	96	1001226452.....	123	1001228010.....	194, 329
1001222465.....	140, 155	1001223949.....	447	1001226453.....	123	1001228030.....	194, 197, 315
1001222706.....	251	1001223950.....	447	1001226468.....	481	1001228041.....	194, 319
1001222707.....	251, 255	1001223951.....	96	1001226489.....	95	1001228050.....	194, 197, 341
1001222709.....	256, 260	1001223952.....	96	1001226492.....	95	1001228086.....	203, 351
1001222710.....	263	1001223953.....	96	1001226506.....	481	1001228087.....	201, 347
1001222713.....	263	1001223971.....	511	1001226522.....	447	1001228113.....	119
1001222731.....	165	1001223977.....	77	1001226549.....	132, 135	1001228170.....	47, 49, 55
1001222783.....	151, 153	1001223978.....	93, 447	1001226551.....	135, 137	1001228224.....	283
1001222784.....	147, 149	1001223981.....	83	1001226669.....	132	1001228225.....	283
1001222797.....	165	1001223987.....	141, 145	1001226814.....	47, 49, 59	1001228359.....	123
1001222879.....	95, 523	1001223997.....	147, 149	1001226929.....	93	1001228370.....	501, 511
1001222882.....	140, 145	1001224000.....	147, 149	1001226930.....	93	1001228403.....	123
1001222883.....	140, 145	1001224009.....	147, 149	1001226931.....	93	1001228411.....	501, 503, 505, 507, 509, 511, 513, 515, 517
1001222884.....	140, 145	1001224048.....	515	1001226932.....	93, 522	1001228440.....	95, 522
1001222896.....	151, 157	1001224049.....	517	1001226933.....	93, 522	1001228475.....	119
1001222915.....	96	1001224050.....	509	1001226934.....	93	1001228506.....	349
1001223055.....	501	1001224052.....	505	1001226935.....	86, 95	1001228517.....	123
1001223059.....	165	1001224053.....	513	1001227080.....	415, 447	1001228628.....	481
1001223061.....	151, 153	1001224123.....	81	1001227160.....	368	1001228629.....	481
1001223088.....	147, 149	1001224384.....	81	1001227198.....	83	1001228656.....	526
1001223124.....	89	1001224584.....	147, 151	1001227307.....	119	1001228657.....	115
1001223148.....	151, 153	1001224585.....	147, 149, 165	1001227338.....	77	1001228658.....	111
1001223195.....	87, 96	1001224589.....	141, 147	1001227356.....	423, 425, 427, 429, 431, 433	1001228678.....	360
1001223196.....	87, 96	1001224943.....	95	1001227359.....	423, 425, 427, 429, 431	1001228679.....	360
1001223198.....	87, 96	1001225072.....	155	1001227383.....	77	1001228696.....	359
1001223200.....	87, 96	1001225093.....	147, 149	1001227448.....	526	1001228723.....	147, 149
1001223260.....	447, 465	1001225094.....	147, 149	1001227526.....	184, 188	1001228799.....	49, 213
1001223302.....	140, 145, 147, 149	1001225095.....	147, 149	1001227575.....	47, 211	1001228882.....	123
1001223405.....	140, 145	1001225104.....	147, 149	1001227633.....	283	1001228945.....	123
1001223431.....	451	1001225120.....	101	1001227634.....	283	1001228949.....	526
1001223433.....	423	1001225131.....	415	1001227723.....	187	1001228984.....	447, 493
1001223460.....	449	1001225219.....	495	1001227724.....	179	1001228985.....	445, 447
1001223519.....	519			1001227725.....	183	1001228988.....	297
1001223542.....	501			1001227731.....	123		

SECTION 11 - SPECIAL OPTIONS

1001229017.....101	1001231839..... 86	1001233825.....415	1001243183.....526
1001229018.....101	1001231840..... 86	1001234099..... 526	1001243184.....526
1001229066.....177	1001231949..... 307	1001234102..... 526	1001244352.....179
1001229067.....177	1001231950.....303, 305	1001234218..... 103	1001244472.....253
1001229080.....179, 409, 413	1001232010..... 303, 305, 307	1001234219..... 105	1001244473.....253, 259
1001229098.....119	1001232011..... 303, 305, 307	1001234287..... 449	1001244474.....113
1001229107.....526	1001232084.....123, 127	1001234288..... 449	1001244475.....117
1001229208.....109	1001232164..... 283	1001234289..... 449	1001244926.....179
1001229232.....495	1001232165..... 283	1001234306..... 528	1001246473.....526
1001229233.....493	1001232181.....147, 149	1001234313..... 415, 523	1001246474.....526
1001229341.....283	1001232214..... 526	1001234314..... 95	1001246820.....122
1001229530.....463, 465	1001232267..... 141	1001234488..... 95	1001246822.....122
1001229556.....123	1001232375.....141, 145	1001234588..... 413	1001246860.....527
1001229561.....141, 145	1001232494.....93, 99	1001235011..... 291	1001246867.....527
1001229790.....99	1001232495..... 99	1001235013..... 291	1001247073.....527
1001229791.....99	1001232499..... 99	1001235097..... 519	1001247099.....197
1001229810.....61, 68	1001232528..... 133	1001235269..... 526	1001247147.....197, 199
1001230008.....122	1001232529.....135, 137	1001235296..... 184	1001247362..... 99, 522
1001230010.....123	1001232642..... 291	1001235452..... 147, 149	1001247415.....141, 145, 155
1001230014.....122	1001232643..... 527	1001235453..... 147, 149	1001247468.....225
1001230154.....96	1001232650..... 291	1001235518..... 123	1001248012.....194, 199, 325
1001230187.....526	1001232667..... 291	1001235519..... 188	1001248140.....303, 305, 307
1001230504.....526	1001232840.....415	1001235839..... 119	1001248141.....303, 305, 307
1001230507.....96	1001232841.....415	1001235943..... 122	1001248171.....179
1001230522.....99, 495	1001232893..... 503	1001235944..... 122	1001251009.....197, 337
1001230605.....132, 451	1001232986..... 519	1001236206..... 147, 149	1001251010.....197, 331
1001230711.....86	1001233008..... 511	1001236341..... 132	1001251041.....197, 321
1001230712.....86	1001233009..... 515	1001236370..... 119	1001252629.....303, 305, 307
1001230714.....95	1001233010..... 509	1001236435..... 39	1001255133.....225
1001231225.....179, 184, 188, 457	1001233011..... 505	1001236489..... 451	1001270068.....355
1001231249.....86	1001233012..... 517	1001236490..... 451	1060341.....275, 277, 279, 281
1001231260.....183, 187, 370	1001233013..... 513	1001236552..... 291	1060343.....188
1001231263.....109	1001233014..... 511	1001236746..... 307	1060379.....301
1001231323.....147, 149	1001233064..... 515	1001236747..... 303	1060545.....439, 441
1001231425.....415	1001233065..... 509	1001236759..... 95, 522	1060637.....133
1001231426.....415	1001233066..... 505	1001236891..... 303, 305, 307	1060903.....275, 277, 279, 281
1001231481.....415	1001233067..... 517	1001236895..... 303, 305, 307	1060908.....437
1001231482.....415	1001233068..... 513	1001236962..... 409	1060918.....273
1001231514.....415	1001233188..... 95	1001236967..... 95	10702077.....184, 188
1001231515.....415	1001233198.....95, 522	1001237291..... 133	10702082.....184, 188
1001231519.....415	1001233203..... 95	1001237844..... 503, 507	1120510.....194, 197
1001231520.....415	1001233237..... 526	1001237862..... 485, 487	1120555.....289
1001231521.....415	1001233249..... 83	1001237863..... 283, 485	1120601.....122
1001231522.....415	1001233420..... 447	1001237864..... 283, 487	1180346.....209
1001231569.....86	1001233440..... 415	1001237865..... 283, 483	1260017.....43, 73
1001231570.....86	1001233441..... 447	1001237918..... 153, 161	1320011.....349
1001231581.....86	1001233442..... 95	1001237919..... 149, 153	1320022.....141, 144
1001231582.....86	1001233443..... 86	1001237931..... 145, 149	1320060.....93
1001231586.....86	1001233444..... 86	1001237932..... 137, 144	1320061.....89, 91
1001231596.....86	1001233445..... 96	1001237933..... 132, 137	1320250.....209
1001231597.....86	1001233446..... 87	1001238263..... 303, 305, 307	1320256.....423, 425, 427, 429, 431
1001231598.....86	1001233447..... 96	1001238307..... 526	1320263.....93, 132
1001231599.....86	1001233448..... 415	1001238309..... 89, 91	1320265.....132
1001231600.....86	1001233452..... 501, 503, 505, 507, 509, 511, 513, 515, 517	1001238319..... 283	1320274.....140, 144
1001231601.....86	1001233573..... 360	1001238418..... 291, 489	1320288.....207
1001231606.....86	1001233635..... 81	1001238421..... 225	1320289.....207
1001231607.....86	1001233636..... 81	1001238463..... 305	1320302.....293, 295, 297
1001231608.....86	1001233640..... 81	1001238472..... 291	1321385.....132
1001231655.....86	1001233641.....77, 81	1001238477..... 291	1380147.....177
1001231656.....86	1001233737..... 86	1001238495..... 287	
1001231657.....86	1001233761..... 449	1001238559..... 291	
1001231658.....87	1001233785..... 501, 503, 505, 507, 509, 511, 513, 515, 517	1001238824..... 291	
1001231685.....415, 419		1001241965..... 291	
1001231686.....415, 417		1001242192..... 526	
1001231700.....86, 415			

SECTION 11 - SPECIAL OPTIONS

1580012.....	249	1703683.....	301	1705430.....	509	2220375.....	359
1580013.....	527	1703797.....	501	1705460.....	184, 189	2220377.....	364
1600244.....	527	1703804.....	501	1705461.....	184	2220380.....	359
1670603.....	397	1703805.....	501	1705489.....	179, 184	2220381.....	364
1670829....	101, 255, 259	1703811....	501, 503, 505,	1705514.....	519	2220385.....	359
1670844.....	194, 197	507, 509, 511, 513,		1705822.....	503, 507	2220415.....	364
1670850.....	194, 197	515, 517		1705828.....	503, 507	2220451.....	359
1670964.....	211	1703814....	501, 503, 505,	1705895.....	505	2220466.....	364
1671034.....	195, 199	507, 509, 511, 513,		1705896.....	505	2220468.....	359, 365
1671092.....	188	515, 517		1705897.....	505	2220472.....	365
1671093.....	295	1703923.....	517	1705898.....	505	2220473.....	360, 364
1683053.....	323	1703924.....	511	1705902.....	505	2220478.....	364
1683055.....	313, 339	1703925.....	509	1705903.....	505	2220490.....	364
1683061.....	349	1703926.....	513	1705905.....	505	2220499.....	360
1683071.....	317, 327	1703927.....	515	1705910.....	517	2220500.....	359, 364
1683537.....	194, 333	1703935.....	517	1705917.....	517	2220501.....	365
1683539.....	333	1703936.....	511	1705921.....	503, 507	2220578.....	359
1683544.....	317	1703938.....	513	1705961.....	503, 507	2220582.....	359, 364
1683547.....	194, 327	1703939.....	515	1705967.....	505, 519	2220593.....	364
1683549.....	327	1703941.....	517	1705969.....	515, 519	2220596.....	364
1683609.....	194, 323	1703942.....	511	1705977....	503, 505, 507,	2220600.....	364
1683629.....	349	1703943.....	509	509, 511, 513, 515, 517		2220603.....	365
1683632.....	349	1703944.....	513	1705978.....	503, 507	2220605.....	364
1683663.....	345	1703945.....	515	1706059.....	505	2220654.....	359
1683673.....	345	1703947.....	517	1706060.....	509	2220671.....	359
1683675.....	345	1703948.....	511	1706061.....	515	2220683.....	360
1683682.....	194, 339	1703949.....	509	1706062.....	513	2220737.....	364
1683818.....	333	1703950.....	513	1706063.....	517	2220765.....	364
1683821.....	327	1703951.....	515	1706064.....	511	2220800.....	359
1683823.....	333	1703953.....	501	1706098.....	503, 507	2220852.....	364
1684089.....	323	1703959....	501, 503, 505,	1706385.....	241, 247	2220865.....	360
1684090.....	323	507, 509, 511, 513,		2030010....	293, 295, 297	222088331, 59, 311, 313,	
1684125.....	339	515, 517		2080040....	122, 229, 233,	315, 317, 319, 321,	
1684126.....	339	1703960....	501, 503, 505,	237, 243		323, 325, 327, 329,	
1684228.....	194, 313	507, 509, 511, 513,		2080044.....	199	331, 333, 335, 337,	
1684230.....	313	515, 517		2080072.....	122	347, 349, 351	
1684232.....	313	1703980.....	513	2110404....	355, 359, 360	2220885... 311, 313, 315,	
1684497.....	194, 317	1703981.....	515	2110406.....	359	323, 325, 341, 345,	
1701499... 501, 503, 505,		1703982.....	509	2110408.....	355	347, 349, 351	
507, 509, 511, 513,		1703983.....	517	2110606.....	355, 359	222088631, 59, 321, 331,	
515, 517		1703984.....	511	2110608.....	367	337, 347, 349, 351	
1701501... 501, 503, 505,		1704000.....	511, 519	2110808.....	359	2220888.... 31, 317, 319,	
507, 509, 511, 513,		1704001.....	517, 519	2110812.....	359	327, 329, 333, 335	
515, 517		1704260.....	255, 259	2111616.....	359	2220906.....	360
1701505... 501, 503, 505,		1704277....	501, 503, 505,	2130406.....	359	2220923.....	364
507, 509, 511, 513,		507, 509, 511, 513,		2130604.....	359	2220947.....	364, 365
515, 517		515, 517		2130606.....	360	2220950.....	365
1701509... 289, 501, 503,		1704412....	501, 503, 505,	2130808.....	359	2220998.....	360
505, 507, 509, 511,		507, 509, 511, 513,		2131616.....	359	2221034.....	365
513, 515, 517		515, 517		2150406.....	359	2221036.....	365
1701518.....	503, 507	1704578.....	43	2151616.....	360	2221040.....	359
1702155... 501, 503, 505,		1704972.....	501	2170408.....	359	2221046.....	132
507, 509, 511, 513,		1705014.....	241, 247	2170504.....	359	2221050.....	360
515, 517		1705090.....	43	2170706.....	367	2221077.....	359
1702565.....	255, 259	1705305.....	297	2180348.....	132	2221086.....	365
1702566.....	255, 259	1705325.....	375, 377	2180615.....	327, 329	2300004.....	132
1702567.....	255, 259	1705336.....	501	2180666.....	133	2300016.....	23
1702676.....	251, 253	1705344.....	513	2180876.....	133	2400080.....	415, 523
1702773....	241, 247, 519	1705345.....	515	2220237.....	359, 364	2400081.....	443
1702774.....	519	1705347.....	511	2220238.....	359, 367	2410014.....	241, 247
1702788.....	519	1705351.....	501	2220240.....	364	2560136.....	255, 259
1702861.....	519	1705374.....	399, 401	2220250.....	132	2560187.....	125, 127
1702868....	297, 501, 519	1705375.....	189, 297	2220315.....	140, 144	2600281... 229, 233, 237,	
1702938... 275, 277, 279,		1705387.....	189	2220366.....	359	243	
281		1705426.....	513	2220371.....	360, 364	2720058.....	132
1702962.....	519	1705427.....	515	2220373.....	360, 364	2720271.....	132
1703479.....	519	1705429.....	511	2220374.....	359	2751399.....	359

SECTION 11 - SPECIAL OPTIONS

2751500.....	359	2902217.....	293, 295	3310801.....	217	3422685.....	194, 197
2752461.....	364	2902396.....	526	3310805.....	95	3422686.....	194, 197
2752468.....	364	2910887.....	526	3311001.....	184, 188	3422687.....	195, 197
2752484.....	365	2915094.....	71	331100595, 99, 109, 111,		3422688.....	195, 197
2752489.....	359	2920028 ...	255, 259, 275,	113, 115, 117, 184,		3422689.....	195, 197
2752493.....	360	277, 279, 281		188, 255, 259, 293,		3422690.....	201
2752494.....	359, 364	2920029 ...	255, 259, 275,	295, 297		3422729.....	195, 197
2752723.....	364	277, 279, 281		331140143, 86, 275, 277,		3422790.....	19, 21
2752754.....	359	2920161.....	109	279, 281		3422848.....	21
2752765.....	360	2940045.....	122	3311405	95, 101, 119,	3422860.....	194, 199
2752766.....	365	2940074 ...	229, 233, 237,	179, 211, 213, 217,		3422861.....	194
2752767.....	365	243, 523		219, 251, 253, 291,		3422867.....	194, 199
2752768.....	365	2940173.....	122	375, 377, 381, 383,		3430616.....	256, 260
2752930.....	365	3020029.....	71	385, 387, 389, 391,		3430820.....	177
2752938.....	359	3020039.....	15, 17	393, 395, 397, 407,		3450304.....	147, 149
2752978.....	365	3160348.....	23, 31	409, 411, 413, 501,		3450404.....	177
2752995.....	364	3250872.....	43	503, 505, 507, 509,		3460334.....	289
2752997.....	359	3251102.....	179	511, 513, 515, 517		3470003.....	256, 260
2753008.....	365	3251242 ...	381, 383, 385,	3311501 ...	122, 275, 277,	3480188.....	313, 339
2753010.....	364	387, 389, 391, 393,		279, 281		3480210.....	323
2753123.....	365	395, 397		331150523, 99, 125, 127,		3480211.....	349
2753126.....	364	3251243.....	189	183, 187, 213, 301		3480234.....	345
2753189.....	365	3252347.....	501	3311601 ...	77, 81, 86, 93,	3480236.....	333
2753190.....	365	3252764.....	183, 187	122, 209, 256, 260,		3480237.....	317
2753191.....	365	3271405.....	93, 132	291, 447		3480238.....	327
2753192.....	364	3271505.....	83	3311602.....	209	3520030.....	123
2753195.....	364	3271605 ...	303, 305, 307,	3311605 ...	39, 77, 81, 89,	3520031.....	101
2753196.....	364	349		91, 93, 99, 119, 122,		3520032.....	122
2753197.....	364	3271805	75, 177, 241,	195, 199, 207, 209,		3520034.....	199
2753199.....	364	247		241, 247, 251, 253,		3520035.....	101, 217, 221
2753200.....	364	3272001	303, 305, 307	293, 295, 297, 447		3520054.....	255, 259
2753231.....	364	3290405 ...	375, 377, 381,	3311801 23, 86, 217		3520071.....	289
2753274.....	364	383, 385, 387, 389,		3311805 223		3520072....	229, 231, 233,
2753442.....	364	391, 393, 395, 397		3312002 61, 303, 305,		235, 237, 239, 241,	
2753542.....	359	3290501.....	155	307		243, 245, 247	
2753622.....	359	3290601	125, 127, 133	3312005.....	289	3520173.....	122
2753626.....	360	3290605	140, 144, 175	3312205.....	289	3520189.....	184
2753628.....	360	3290606 ...	231, 235, 239,	3322201.....	75	3520192.....	184
2753634.....	360	245		3331611.....	140, 144	3520198....	229, 231, 233,
2753686.....	360	3290607	93, 111, 113,	3340764.....	207	235, 237, 239, 243, 245	
2753879.....	367	115, 117		3340828.....	203	3538047.....	15, 17
2753970.....	360	3290805	93, 141, 144,	3340833.....	349	3570775.....	345, 347
2753971.....	360	175		3340834.....	349	3570928.....	217
2754337.....	359	3290806.....	225	3340835	195, 197, 203	3572604.....	349
2754338.....	360	3290807.....	147, 149	3340838.....	345, 347	3572605.....	349
2754512.....	359	3291001	140, 144, 225	3340840.....	207	3572606.....	217
2780227.....	25	3291005 ...	140, 144, 149,	3340859.....	209	3572607.....	217
2780272.....	25	225		3340871.....	201	3573400....	293, 295, 297
2820019.....	455	3291007 ...	141, 144, 147,	3340881.....	203	3573642....	293, 295, 297
2820031.....	179, 183, 187	149		3340941.....	207	3574091.....	279, 281
2820247.....	485, 487	3291201 ...	179, 183, 187,	3340943.....	207	3575359.....	275, 277
2840016.....	177	225		3340956.....	289	3577121....	293, 295, 297
2840018.....	177	3291205.....	132, 225	3340966.....	21	3580317....	179, 183, 187
2860030.....	101, 522	3300007.....	23	3380434.....	251, 253	3580318.....	187
2900708.....	47, 49	3300151 ...	231, 235, 239,	3380535.....	221	3580319.....	183
2900756.....	23	245, 293, 295, 297		3420292.....	43	3641569.....	275, 277
2900792....	313, 315, 317,	3300205.....	93	3421565.....	73	3740086.....	489
319, 321, 323, 325,		3300243.....	223	3422417.....	19, 21	3740112.....	99, 522
327, 329, 331, 333,		3300353	101, 255, 259	3422446.....	132	3760133.....	201
335, 337		3300364.....	83, 122	3422457.....	201	3760170.....	73
2901273.....	349	3300365.....	99	3422533.....	132	3760368.....	323
2901301.....	313, 339	3300396.....	184, 188	3422561.....	194, 197	3760369.....	313, 339
2901303.....	323	3300408.....	101	3422583.....	194, 197	3760370.....	349
2901514.....	327, 329	3300430.....	285, 287	3422661.....	301	3760374.....	317, 327
2901526.....	317, 319	3300454 ...	89, 91, 99, 119	3422681.....	194, 197	3790012....	255, 259, 265
2901537.....	333, 335	3310601.....	177	3422683.....	194, 197	3790044.....	135, 137
2902212.....	289	3310605.....	86, 219	3422684.....	194, 197		

SECTION 11 - SPECIAL OPTIONS

3820001..... 43, 501, 503, 505, 507, 509, 511, 513, 515, 517	4060092..... 379	4460019..... 417, 419, 451, 495	4460471..... 99, 255, 259, 447, 467
3820020 ... 229, 233, 237, 243	4060802..... 179, 183, 187	4460042..... 459, 463	4460473..... 433, 435
3841143 ... 132, 195, 197, 199, 201, 225	4060805..... 123, 207, 217	4460049..... 275, 277, 279, 281	4460488 ... 101, 111, 113, 115, 117, 447
3841287 15, 17, 195, 197	4060906..... 101	4460051..... 373, 379	4460496 415, 447
3841340 195, 199, 209	4061032..... 93	4460071..... 187, 273	4460497 415, 447
3841356 195, 197	4070863..... 201	4460125..... 379	4460508 ... 283, 433, 445, 451, 467, 493, 495
3841406 207	4070878..... 15, 17	4460142..... 451, 463	4460509 ... 417, 419, 433, 435
3841520 19, 21	4070897..... 201, 203	4460144..... 459	4460510 528
3900054 241, 247	4070898..... 201, 203	4460183..... 468	4460518 ... 421, 445, 467, 491
3900210 122, 125, 127	4070929..... 203	4460205..... 373	4460536 457
3900239 197	4070967..... 203	4460224..... 255, 259, 449	4460539 ... 419, 449, 463, 465, 467, 495
3900258 119	4070968..... 203	4460225..... 183, 187, 453, 455, 459, 467, 495	4460612 399, 401
3900259 201	4070969..... 207	4460226..... 109, 255, 259, 267, 270, 273, 443, 445, 449, 459, 467, 493	4460705 449
3900262 209	4070991..... 101	4460227..... 467, 493	4460708 255, 259, 447
3900283 207, 211, 223	4071007..... 203	4460233..... 89, 379	4460722 461, 495
3900293 61	4071009..... 61	4460234..... 255, 259, 275, 277, 279, 281	4460742 147, 417, 419
3900316 122	4071052..... 207	4460247..... 463	4460743 147
3900349 255, 259	4071059..... 21	4460256..... 417, 419, 451	4460746 449
3900363 125, 127	4100062..... 365	4460259..... 459, 463, 468	4460748 449
3900364 140	4100100..... 323	4460260..... 459, 463, 468	4460761 ... 443, 445, 449, 467
3900382 151, 153	4160194..... 122	4460265..... 267, 270, 495	4460789 449
3910606 187, 399, 401	4240018... 179, 183, 187, 399, 401	4460266..... 449	4460790 417, 419
3910610 177, 373, 379	4240032... 111, 113, 115, 117, 415	4460267..... 449, 467, 493	4460806 ... 385, 387, 389, 391
3910804 101	4240033... 111, 113, 115, 117, 283, 285, 287, 291	4460268..... 183, 187, 453, 455, 459, 461, 465, 495	4460807 ... 183, 187, 453, 455
3911008 111, 115	4240084..... 39	4460314..... 468	4460808 ... 183, 187, 453, 455
3911010 109, 113, 117	4240099... 86, 93, 99, 132, 275, 277, 279, 281, 293, 295, 409, 413, 425, 427, 429, 431, 447	4460315..... 373, 379, 467	4460836 419, 463
3911018 101, 255, 259	4240149..... 289	4460326..... 461	4460850 417, 419
3930606 219	4280296..... 41	4460343..... 467	4460851 421, 465
3930616 86	4340706..... 203	4460346..... 187, 373	4460852 421, 465
3930812 95	4341264..... 211	4460418..... 459, 467	4460865 433, 435
3930816 221	4360057... 275, 277, 279, 281, 523	4460419..... 459, 467	4460866 433, 467, 493
3930824 217	4360070..... 184, 188	4460424..... 465, 493	4460871 ... 449, 459, 463, 465, 467, 493
3931010 86, 95, 99	4360328..... 265, 523	4460425..... 184, 188, 275, 277, 279, 281, 399, 401	4460872 465
3931012 255	4360336... 179, 183, 187, 523	4460426..... 184, 188	4460873 467, 493
393101695, 99, 183, 187, 255, 259	4360387... 105, 255, 259, 275, 277, 279, 281, 522	4460427..... 463	4460874 449, 467
3931048 95	4360407... 255, 259, 522	4460428..... 255, 259	4460875 465, 467
3931408 285, 287	4360436..... 81	4460434..... 493	4460876 459
3931412 86, 89, 91	4360469..... 101, 522	4460457..... 449	4460877 481
3931424 285	4360475... 101, 255, 259, 522	4460458..... 449	4460878 493
3931432 217	4360476..... 101, 522	4460464... 109, 273, 417, 419, 427, 431, 433, 443, 445, 449, 451, 457, 459, 463, 467, 489, 491, 493, 495, 497	4460879 467
3931436 217	4360498..... 217, 523	4460465..... 83, 109, 180, 417, 419, 421, 427, 431, 433, 435, 445, 449, 451, 453, 455, 457, 459, 463, 465, 467, 491, 493, 495, 497	4460880 451, 465
3931448 ... 345, 347, 349	4360499..... 217, 523	4460466... 283, 417, 419, 433, 435, 443, 445, 449, 451, 459, 461, 463, 465, 467, 483, 489, 491, 493, 495, 497	4460884 ... 419, 465, 467, 493, 497
3931464 217	4360517..... 75, 523	4460467..... 528	4460887 463, 467, 493
3931508 349	4360578... 217, 221, 523	4460470..... 99, 255, 259, 447, 467	4460891 83, 109, 417, 419, 421, 427, 431, 451, 463, 465, 491, 493, 495
3931516 323	4420014..... 289		4460892 465
3931620 ... 313, 315, 339, 341	4420037... 293, 295, 297		4460894 ... 459, 465, 467, 495
3931664 345, 347	4420038..... 77, 81		4460897 ... 109, 427, 431, 443
3931720 349	4420051..... 43, 519		4460899 ... 445, 483, 489, 497
3932240 ... 317, 319, 327, 329, 333, 335	4420060..... 221		
3960422 ... 187, 373, 379, 399, 401	4420062..... 301		
3960468 135, 137	4420066..... 289		
3960469 135, 137	4420068... 275, 277, 279, 281		
3960526 23	4460016..... 468		
4010618 ... 231, 235, 239, 245			
4031505 283			
4031516 291			
4031707 147, 149			
4031708 147, 149			

SECTION 11 - SPECIAL OPTIONS

4460905.....449, 459, 463, 465, 467, 493	4641284..... 359	4811400 ... 375, 377, 381, 383, 385, 387, 389, 391, 393, 395, 397	70000782.....64
4460906.....495	4641303..... 23	4811600 86, 95, 155	70000797.....31
4460910.....415, 487	4641435..... 217	4811602 155	70000863.....183
4460911.....415, 483	4710600 86	481170093, 99, 111, 113, 115, 117, 140, 144, 165, 175, 231, 235, 239, 245	70001100.....183
4460918.....463	4711000.95, 99, 184, 188	481190086, 93, 141, 144, 147, 149, 175, 225	70001248.....75
4460928.....491	4711400... 47, 49, 86, 89, 91, 93, 95, 99, 101, 107, 119, 132, 179, 183, 187, 211, 213, 231, 235, 239, 245, 285, 287, 291, 375, 377, 381, 383, 385, 387, 389, 391, 393, 395, 397, 407, 409, 411, 413	4812000 ... 133, 140, 144, 147, 149, 179, 183, 187, 225	70001384.....183
4460931.....443	4711500... 23, 83, 93, 95, 125, 127, 132, 183, 187, 211, 213, 447	4844816 194, 199	70001696.....184, 188
4460932.....449	4711600 ... 15, 17, 47, 49, 89, 91, 99, 180, 184, 188, 201, 203, 207, 209, 211, 223, 253, 256, 260, 303, 305, 307, 349, 423, 425, 427, 429, 431, 447	4844817 194	70001697.....205
4460933.....467, 491, 493	4711800177, 241, 247	4844958 73	70001954.....167
4460941.....483	4712000 ... 289, 303, 305, 307	4845582 301	70001955.....167
4460942.....283	4712200 289	4845593 194, 197	70001956.....167
4460943.....433, 445, 459, 465, 467, 483, 493	4740057 61	4845680 209	70001957.....167
4460944.....433, 435, 461, 463, 467, 493, 495	4740155 21	4845730 207	70001966...179, 184, 188
4460945.....463, 495	474025619, 21	4846573 223	70001973...179, 184, 188
4460950.....419	4740362251, 253	4846627 ... 293, 295, 297	70001974.....184, 188
4460956.....437, 439	4740397101, 259	4846673 279, 281	70002013.....207, 522
4460957.....437, 439	4740439195, 199	4860224 33	70002014.....207
4460958.....401	4740444 101	4860225 35, 37, 39	70002064.....215
4460962.....295	474046319, 21	4871700 ... 180, 184, 188	70002065.....64
4460963.....188	474047215, 17	4891500 93, 99	70002066.....64, 68
4460967.....180, 457	474047319, 21	4891600 75, 223, 225	70002067.....64
4460968.....217, 221	4740518 101	4891800 23, 135, 137, 177, 223	70002068.....64
4460970.....459	4750800 95	4892000 23, 71	70002069.....64
4460979.....461	4751000... 109, 111, 113, 115, 117, 183, 187, 255, 259, 293, 295, 297	4892200 15, 17	70002070.....64
4460993.....83	475140041, 43, 101, 119, 122, 125, 127, 217, 219, 221, 249, 251, 253, 255, 259, 275, 277, 279, 281, 293, 295, 297, 501, 503, 505, 507, 509, 511, 513, 515, 517	4892200 223	70002071.....64
4460994.....83, 445, 451, 495	475150043, 83, 122, 275, 277, 279, 281, 301	4892216 423	70002072.....64
4461070.....491	4751600 ... 39, 41, 77, 81, 86, 93, 95, 111, 113, 115, 117, 119, 122, 293, 295, 297	4892217 423	70002073.....64
4461077.....483, 489	475180075, 86, 241, 247, 275, 277, 279, 281	4892219 425, 427	70002074.....64
4461095.....491	4752000 132	4892220 425, 427	70002075.....64
4461157.....417, 419, 461	4760600373, 379	48922578 ... 423, 425, 427, 429, 431	70002085.....65, 68
4461196.....471	4761400101, 249	4922579 427, 431	70002086.....65
4461198.....377, 471	4761600 251	4922580 427, 431	70002112.....79
4461199.....473	4770600 177	4922641 183, 187	7000213.....25, 64, 68
4461201.....383, 473	4771200 99	4922925 ... 183, 187, 455	7000217.....64, 68
4461205.....475, 477	4771400 99	4933218 ... 275, 279, 370	7000220.....25
4461244.....387, 475		5240800 147, 149	70002231.....47, 49, 522
4461245.....391, 477		5241000 ... 140, 144, 147, 149	7000224.....25, 29
4461246.....395, 479		5241200 ... 135, 137, 179, 183, 187, 225	7000228.....64, 68
4461249.....479		5241600 140, 144	7000229.....64, 68
4461261.....417, 419		5250806 151, 153	70002297.....183, 187
4461271.....463		5251008 225	7000230.....64, 68
4461290.....463		5251016 225	7000231.....25
4520252.....33		5260818 93	70002315.....157, 161
4520253.....35		70000017 528	70002316.....157, 161
4530028.....293, 295, 299		70000342 205	70002317.....157, 161
4566468.....313, 339		70000579 51	70002318.....157, 161
4567139.....365		70000580 51	70002319.....157, 161
4567413.....349		70000582 51	70002320.....157, 161
4567757.....365		70000583 51	70002321.....157, 161
4640261.....43		70000619 183, 187	70002322.....157, 161
4640509.....317, 319, 321, 323, 325, 327, 329, 331, 333, 335, 337			70002323.....157, 161
4640605.....313, 315, 317, 319, 321, 333, 335, 337			70002326.....158, 162
4640858.....311			70002327.....158, 162
4640866.....47, 49			70002328.....158, 162
4640932.....313, 315			70002330.....158, 162
4641027.....327, 329			7000235.....25
4641032.....349, 351			7000236.....25
4641033.....345, 347			7000238.....25
4641122.....33, 35, 37, 39			70002386.....215, 522
4641192.....59			7000239.....25, 29
			7000240.....25, 29
			7000246.....64, 68
			70002460.....184, 188
			7000247.....68
			7000248.....64, 68
			7000253.....64, 68
			7000255.....64, 68

SECTION 11 - SPECIAL OPTIONS

7000257	64, 68	70004199.....	79	70004745.....	267	70006304.....	68
7000265	25	70004311.....	157, 161	70004746.....	267	70006344.....	351
7000272	25	70004329.....	171	70004747.....	267	70006375.....	335
7000273	25	70004331.....	171	70004748.....	267	70006376.....	335
7000274	25	70004332.....	171	70004749.....	267	70006377.....	335
70002744	343	70004333.....	171	70004750.....	267	70006378.....	335
70002745	343	70004336.....	171	70004751.....	267	70006384.....	329
70002748	343	70004337.....	171	70004752.....	269	70006385.....	319, 329
70002749	343	70004338.....	171	70004753.....	269	70006386.....	329
7000275	25	70004340.....	171	70004754.....	269	70006387.....	329
70002751	343	70004342.....	171	70004755.....	269	70006388.....	329
7000281	64	70004343.....	171	70004756.....	269	70006389.....	319
70002814	79, 522	70004344.....	171	70004757.....	269	70006390.....	319
7000282	25	70004345.....	171	70004758.....	269	70006391.....	319
7000283	25, 29	70004346.....	171	70004759.....	269	70006430.....	26
70002838	79, 523	70004347.....	171	70004760.....	269	70006431.....	26
70002839	79	70004348.....	171	70004761.....	269	70006479.....	351
7000284	25, 29	70004349.....	171	70004762.....	269	70006480.....	351
70002842	311	70004350.....	171	70004763.....	269	70006576.....	83
7000287	25	70004351.....	171	70004764.....	269	70006577.....	83
7000288	25	70004352.....	171	70004765.....	269	70006578.....	83
7000289	25, 29	70004381.....	343	70004766.....	269	70006579.....	83
7000290	25	70004382.....	343	70004767.....	269	70006642.....	315
70002901	173	70004395.....	157, 161	70004768.....	269	70006643.....	315, 341
70002902	273	70004397.....	157, 161	70004769.....	269	70006644.....	315, 341
70002903	273	70004398.....	157, 161	70004770.....	269	70006645.....	315
70002904	273	70004399.....	157, 161	70004771.....	269	70006649.....	325
70002905	273	70004400.....	157, 161	70004772.....	269	70006650.....	325
70003019	51, 55	70004457.....	51, 55	70004773.....	269	70006651.....	341
70003060	157, 161	70004459.....	51, 55	70004774.....	270	70006661.....	157, 161
70003061	157, 161	70004460.....	51, 55, 522	70004775.....	270	70006664.....	157, 161
70003063	158, 162	70004461.....	51, 55, 56	70004795.....	79	70006665.....	158, 162
70003064	158, 162	70004463.....	51, 55, 522	70004842.....	157, 161	70006666.....	157
70003454	75	70004525.....	157, 161	70005194.....	51, 55	70006667.....	157, 161
70003631	184, 188	70004526.....	157, 161	70005195.....	51, 55	70006668.....	341
70003649	59	70004530.....	157, 161	70005196.....	51, 55	70006669.....	347
70003708 ..	179, 184, 188	70004531.....	157, 161	70005197.....	51, 55	70006670.....	347
70003709 ..	179, 184, 188	70004536.....	157, 161	70005198.....	51, 55	70006671.....	347
70003784	255, 259	70004537.....	157, 161	70005199.....	51, 56	70006672.....	347
70003790	215	70004538.....	157, 161	70005200.....	52, 56	70006673.....	29
70003798	26	70004539.....	157, 161	70005201.....	52, 56	70006674.....	29
70003935	23	70004540.....	157, 161	70005202.....	52, 56	70006675.....	29
70003936	23	70004544.....	157, 161	70005203.....	68	70006676.....	29
70003975	59	70004584.....	51, 55	70005220.....	157, 161	70006677.....	29
70004037	68	70004594.....	51, 55	70005221.....	157, 161	70006678.....	29
70004040	68	70004595.....	51, 55, 522	70005224.....	157, 161	70006680.....	29
70004041	68	70004596.....	51, 55	70005226.....	157, 161	70006684.....	29
70004042	68	70004597.....	51, 55	70005227.....	157, 161	70006685.....	29
70004043	68	70004598.....	51, 55	70005228.....	158, 162	70006690.....	29
70004044	68	70004653.....	51, 55, 522	70005293.....	173	70006691.....	29
70004045	68	70004657.....	51, 55	70005294.....	173	70006692.....	29
70004047	68	70004665.....	51, 55	70005295.....	173	70006728.....	351
70004050	51, 55	70004667.....	51, 55	70005296.....	173, 522	70006731.....	351
70004051	51, 55	70004676.....	179	70005297.....	173	70006733.....	351
70004052	51, 55	70004678.....	179	70005458.....	171	70006734.....	325
70004055	51, 55	70004679.....	179	70005459.....	171	70006735.....	325
70004069	173	70004680.....	179	70005460.....	171	70006736.....	325
70004070	173	70004681.....	179	70005461.....	171	70006832.....	29
70004092 ..	179, 184, 188	70004682.....	179	70005462.....	171	70006833.....	29
70004093	183, 187	70004683.....	179	70005463.....	171	70006921.....	351
70004094	184, 188	70004738.....	267	70005464.....	171	70006922.....	351
70004095	184, 188	70004739.....	267	70005465.....	171	70006923.....	351
70004096	184, 188	70004740.....	267	70005483.....	26	70006924.....	351
70004097	184, 188	70004741.....	267	70005594.....	351	70006925.....	351
70004098 ..	179, 184, 188	70004742.....	267	70005624.....	179	70006926.....	351
70004099	184, 188	70004743.....	267	70005663.....	528	70006927.....	351
70004171	179	70004744.....	267	70005708.....	79	70006928.....	351

SECTION 11 - SPECIAL OPTIONS

70006955.....	55	7012518.....	59	7021275.....	31, 168	7024155.....	25
70006956.....	55, 522	7012773.....	51, 55	7021276.....	31	7024182.....	26
70006957.....	55	7012914.....	215	7021277.....	31	7024189.....	26
70006961.....	55	7012918.....	215	7021363.....	51	7024190.....	26, 29
70007246.....	321, 331	7012928.....	59	7021375.....	51, 55, 56	7024191.....	26, 29
70007277.....	337	7012941.....	59	7021625.....	23	7024192.....	26
70007278...321, 331, 337		7012943.....	59	7021639.....	23	7024193.....	26
70007279.....	337	7012944.....	59	7021653.....	215	7024194.....	26
70007280.....	337	7012953.....	59, 211, 213, 215	7022302.....	31	7024195.....	26
70007282...321, 331, 337				7022305.....	31	7024196.....	26
70007283.....	337	7012959.....	47, 49	7022310.....	31	7024197.....	26
7000731.....	26	7012965.....	215	7022311.....	31, 168	7024379.....	65
70007419.....	337	7012967.....	215	7022312.....	31	7024380.....	65
70007420.....	337	7012970.....	211, 213	7022314.....	31, 168	7024381.....	65
70007421.....	331	7012989.....	59, 215	7022318.....	167	7024390.....	65
70007422.....	321, 331	7012995.....	59	7022326.....	31	7024396.....	65
70007423.....	321, 331	7015004.....	141, 144, 522	7022328.....	31	7024397.....	349, 351
70007424.....	331	7015005.....	141	7022368.....	31	7024404.....	75
70007425.....	331	7015006.....	141	7022371.....	31	7024441.....	79
70007426.....	331	7016319.....	109	7022372.....	31	7024453.....	65
70007427.....	321	7016372.....	109	7022397.....	23	7024454.....	64
70007428.....	321	7016652.....	528	7022399.....	23	7024455.....	65
70007429.....	321	7016654.....	528	7023124.....	157, 161	7024456.....	65
70007430.....	321	7016655.....	528	7023126.....	158, 162	7024457.....	65
70007505.....	161	7017023.....	64, 68	7023144.....	158, 162	7024458.....	65
7001901.....	25	7017027.....	25	7023145.....	158, 162	7024462.....	299
7001902.....	25	7017028.....	29, 64, 68	7023148.....	157, 161	7024463.....	299
7001903.....	25	7017033.....	25	7023149.....	157, 161	7024467.....	299
7001906.....	25	7017047.....	25, 29	7023154.....	157, 161	7024469.....	299
7001928.....	25, 29	7017048.....	25	7023157.....	157, 161	7024470.....	299
70022564...321, 331, 337		7017050.....	25	7023164.....	157, 161	7024471.....	299
70023380.....	321, 331	7017068.....	26	7023165.....	157, 161	7024472.....	299
70023859.....	51, 55	7017070.....	64, 68	7023167.....	157, 161	7024473.....	299
70023860.....	51, 55	7017072.....	64, 68	7023168.....	157, 161	7024474.....	299
70023862.....	51, 55	7017080.....	64, 68	7023170.....	158, 162	7024475.....	299
70026287...321, 331, 337		7017082.....	29	7023318.....	64	7024478.....	299
70027750.....	337	7017085.....	64, 68	7023907.....	31	7024485.....	184, 188
7002821.....	528	7017142.....	205	7023908.....	31	7024488.....	183, 187
7002822.....	528	7017159.....	205	7023910.....	31	7024489.....	183, 187
7002823.....	528	7017162.....	205	7023911.....	215	7024508.....	345, 347
7002826.....	528	7017163.....	205	7023912.....	215	7024598.....	177
7002840.....	528	7017164.....	205	7023917.....	23	7024599.....	177
70029468.....	337	7017172.....	205	7023933.....	23	7024704.....	64, 68
7004035.....	64	7017192.....	205	7023947.....	167	7024717.....	26
7004036.....	64	7017195.....	205	7023948.....	167	7024718.....	26
7004043.....	65	7017402.....	215	7023949.....	167	7024762.....	64, 68
7004044.....	65	7017406.....	215	7023950.....	167	7024763.....	26, 64, 68
7004045.....	65	7017452.....	215	7023951.....	167	7024781.....	25
7004047.....	65	7017466.....	47, 49	7023952.....	167	7024782.....	25, 29
7004049.....	65	7017496.....	59	7023956.....	167	7024783.....	25
7004275.....	528	7017901.....	158, 162	7023957.....	167	7024784.....	64, 68
7004276.....	528	7017913.....	157, 161	7023958.....	167	7024854.....	31
7004906.....	171	7017914.....	157, 161	7023960.....	167	7024864.....	168
7004907.....	171	7017934.....	157, 161	7023961.....	167	7024866.....	168
7004908.....	171	7017958.....	158, 162	7023962.....	167	7024867.....	167
7007415.....	167, 168	7017963.....	158, 162	7023964.....	167, 168	7024868.....	31, 167
7007437.....	31	7018942.....	52, 56	7023965.....	167	7024881.....	23
7007438.....	31	7018951.....	52, 56	7023966.....	168	7026197.....	75
7007439.....	31	7018991.....	51, 55, 522	7023967.....	168	7026503.....	75
7007446.....	31	7018992.....	51, 55	7024021.....	55	7026504.....	75
7007633.....	64, 68	7020064.....	209	7024100.....	65, 68	7026505.....	75
7010464.....	25	7020065.....	209	7024146.....	25	7026506.....	75
7010492.....	64, 68	7020066.....	209, 522	7024147.....	25	7026507.....	75
7010543.....	59	7020067.....	209	7024148.....	25	7026509.....	75
7011112.....	313, 315	7020175.....	101, 255, 259	7024149.....	25, 29	7026597.....	184, 188
7011333.....	217	7020176.....	101, 255, 259	7024151.....	25, 29	7026626.....	184, 188
7011342.....	217	7021249.....	31	7024154.....	25, 29	7027773.....	299

SECTION 11 - SPECIAL OPTIONS

7027774	299	80963055.....	449	8229236.....	99, 522	88261024	213
7027775	299	80963056.....	449	8229237.....	99, 522	88521008	217
7027776	299	80963067.....	445, 449	8229261.....	99, 522	88521205	93
7027777	299	8220007.....	451, 467	8303511.....	147, 149	88521214 ...	303, 305, 307
7027778	299	8220019.....	445	8310070.....	122	88662037	364
7027779	299	8220029.....	463	8310129.....	289	88662523	122
7027780	299	8220043.....	417, 419	83304173.....	79	8896941	528
7027799	184, 188	8220045.....	443, 463	8405102.....	140, 144	91143177	364
77143013	101	8220051.....	417, 419	8405104.....	140, 144	91203039 ...	207, 217, 225
77363232	183	8220079.....	147	8406110.....	140, 144	91401281	93
77363233	453, 455	8220099.....	449	8406201.....	93	91403230 .	501, 503, 505,
80344004	29	8220125.....	449	8410001.....	447	507, 509, 511, 513,	
80424002	64	8220162.....	445	8540205.....	132	515, 517	
80424043	65	8220164.....	463	8580420.....	41		
80683013	132	8225117.....	99, 522	85841150.....	133		
80934561	75	8229234.....	99, 522	8770050.....	359		



3121771



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