



Illustrated Parts Manual

Models **EC600SJ/EC600SJP** **H600SJ/H600SJP**

PVC
2001
2007

P/N
31215029

January 9, 2023 - Rev D

ANSI

CE



AS/NZS



An Oshkosh Corporation Company

REVISION LOG

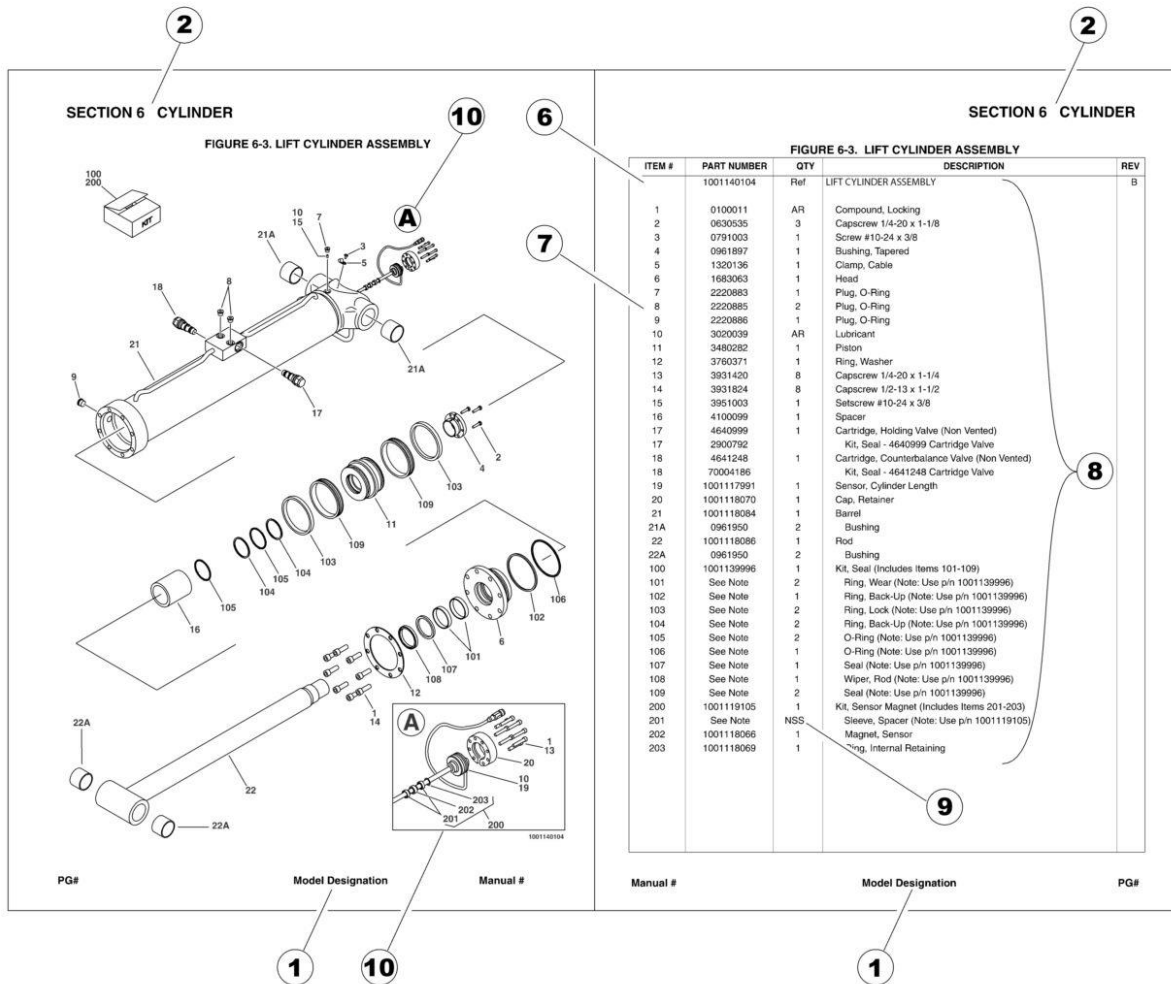
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GENERAL INFORMATION



1) MACHINE IDENTIFICATION

Machines are identified by model and in some cases a combination of models, serial number (SN) or regional standard (i.e ANSI, CE, CSA). Components may also be identified by SN or manufacturer. Common components that may be identified by these characteristics are engines and hydraulic components.

2) PARTS MANUAL ORGANIZATION

Product information in this manual is organized under section titles. Frame, Cylinder, Hydraulic and Electrical are a few examples. Each section is organized by figure and page number. The information within the Figure is then organized by item number, part number, description and corresponding illustration (s).

3) TABLE OF CONTENTS (NOT SHOWN)

A table of contents is found toward the beginning of the manual. Figure number, description and page number are provided for quick reference to the page containing the related information.

4) RECOMMENDED SPARE PARTS (NOT SHOWN)

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

5) PART NUMBER INDEX (NOT SHOWN)

A numerical index listing all part numbers and the corresponding page number(s) appears at the back of the manual.

GENERAL INFORMATION

6) NON-SERVICED PARTS

In some instances, it is necessary to display non-serviced parts, assemblies or installations. In the case of assemblies and installations there will be a Ref in the Qty. column. In case of parts that are not available for service within assemblies or components, there will be a NSS (Not Sold Separately) or NLA (No Longer Available) listed in the Qty. column of the manual.

7) PARTS LIST ITEM NUMBERS

Numbers shown in the item# column correspond to numbers used in the associated illustration (s). Item numbers which are missing from the sequence in the parts list are not used on that page.

8) INDENTED PARTS DESCRIPTION

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

9) ABBREVIATION AND SYMBOLS

AC..... Alternating Current
ADE..... Advanced Design Electronics
AG..... Agricultural
ANSI..... American National Standards Institute
AR..... As Required
ASSY..... Assembly
AUS..... Australia
AUX..... Auxiliary
AWG..... American Wire Gauge
B/M..... Bill of Material
CAC..... Charge Air Cooler
CE..... European Conformity
CCW..... Counter Clockwise
CM..... Centimeter
CW..... Clockwise
CSA..... Canadian Standards Association
CYL..... Cylinder
DIA..... Diameter
DC..... Direct Current
DEF..... Diesel Exhaust Fluid
EMS..... Emergency Stop
ENG..... Engine
FT(ft)..... Feet
GA(Ga)..... Gauge
HRC..... High Rated Countries
HVAC..... Heating, Ventilating, and Air Conditioning
HYD..... Hydraulic
Hz..... Hertz
ID..... Inside Diameter
IN..... inches
ISO..... International Organization for Standards
JIC..... Joint Industry Council
KG..... Kilogram

L..... Liter
LB(LBS)..... Pounds
LCD..... Liquid Crystal Display
LED..... Light Emitting Diodes
LH..... Left Hand
LRC..... Low Rated Countries
LSS..... Load Sensing System
M(m)..... Metric/Meter
MM(mm)..... 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
PN..... Part Number
QT(qt.)..... Quarts
QTY..... Quantity
REF..... Reference
REV..... Revision Level
RH..... Right Hand
SAE..... Society of Automotive Engineers
SN..... Serial Number
SPEC(S)..... Specifications
T/T..... Turntable
UGM..... Universal Ground Module
V..... Volts
W..... Watts
#..... Number

10) ILLUSTRATION REFERENCE LETTERS

When necessary, illustrations may contain reference letters that are intended to track information (i. e. hoses, harnesses) from one point to another or to track visual enlargement of components to show details that may be located in another area on the illustration.

Note: Due to continuous product improvements, JLG Industries, Inc. reserves the right to make specification changes without prior notification. Contact JLG Industries, Inc. for updated information.

TABLE OF CONTENTS

SECTION 1 - FRAME.....	11
FIGURE 1-1. AXLE INSTALLATION - FIXED (2WD)	12
FIGURE 1-2. AXLE INSTALLATION - FIXED (4WD)	14
FIGURE 1-3. AXLE INSTALLATION - OSCILLATING WITHOUT TOW PACKAGE (2WD)	16
FIGURE 1-4. AXLE INSTALLATION - OSCILLATING WITH TOW PACKAGE (2WD)	18
FIGURE 1-5. AXLE INSTALLATION - OSCILLATING (4WD)	20
FIGURE 1-6. AXLE LOCKOUT VALVE ASSEMBLY	22
FIGURE 1-7. STEER INSTALLATION - WITHOUT TOW PACKAGE (2WD/2WS)	24
FIGURE 1-8. STEER INSTALLATION - WITH TOW PACKAGE (2WD/2WS)	26
FIGURE 1-9. STEER INSTALLATION - (4WD/2WS) (EC600SJ/H600SJ)	28
FIGURE 1-10. STEER INSTALLATION - (4WD/2WS) (EC600SJP/H600SJP)	32
FIGURE 1-11. WHEEL DRIVE INSTALLATION (NON UL SPECS)	36
FIGURE 1-12. WHEEL DRIVE INSTALLATION (UL SPECS)	38
FIGURE 1-13. NON-DRIVE HUB ASSEMBLY - LH (2WD FRONT)	40
FIGURE 1-14. NON-DRIVE HUB ASSEMBLY - RH (2WD FRONT)	42
FIGURE 1-15. DRIVE HUB ASSEMBLY (REAR)	44
FIGURE 1-16. DRIVE MOTOR ASSEMBLY (4WD FRONT)	48
FIGURE 1-17. DRIVE MOTOR ASSEMBLY (REAR)	50
FIGURE 1-18. DRIVE VALVE ASSEMBLY (4WD ONLY)	52
FIGURE 1-19. AC DRIVE ELECTRICAL PLATE ASSEMBLY (NON UL SPECS)	54
FIGURE 1-20. AC DRIVE ELECTRICAL PLATE ASSEMBLY (UL SPECS)	56
FIGURE 1-21. DRIVE MODULE PLATE ASSEMBLY	58
FIGURE 1-22. TIRE AND WHEEL INSTALLATION - 36/14LL X 22.5 FOAM-FILLED NON-MARKING	60
FIGURE 1-23. FRAME SHIELDS INSTALLATION	62
FIGURE 1-24. TOW PACKAGE INSTALLATION WITHOUT NATO EYE	64
FIGURE 1-25. TOW PACKAGE INSTALLATION WITH NATO EYE	66
SECTION 2 - TURNTABLE	69
FIGURE 2-1. MAIN CONTROL INSTALLATION - EC600SJ & H600SJ	70
FIGURE 2-2. MAIN CONTROL INSTALLATION - EC600SJP & H600SJP	72
FIGURE 2-3. MAIN CONTROL VALVE ASSEMBLY	74
FIGURE 2-4. SWING DRIVE INSTALLATION	78
FIGURE 2-5. SWING MOTOR ASSEMBLY	80
FIGURE 2-6. TURNTABLE BEARING, STOP AND LUBE INSTALLATION	84
FIGURE 2-7. TURNTABLE LOCK INSTALLATION	86
FIGURE 2-8. DRIVE ORIENTATION INSTALLATION	88
FIGURE 2-9. HYDRAULIC TANK AND PUMP/MOTOR INSTALLATION (NON-UL SPECS)	90
FIGURE 2-10. HYDRAULIC TANK AND PUMP/MOTOR INSTALLATION (UL SPECS)	92
FIGURE 2-11. ELECTRIC MOTOR ASSEMBLY	94
FIGURE 2-12. FUEL TANK AND ENGINE MODULE INSTALLATION - WITH STANDARD BATTERIES (H600SJ & H600SJP)	96
FIGURE 2-13. FUEL TANK AND ENGINE MODULE INSTALLATION - WITH AGM BATTERIES (H600SJ & H600SJP)	98
FIGURE 2-14. BATTERY CHARGER INSTALLATION - 110V/60HZ (ALL SPECS EXCEPT AUSTRALIAN AND CE SPECS) (PVC 2001)	100
FIGURE 2-15. BATTERY CHARGER INSTALLATION - 110V/60HZ (ALL SPECS EXCEPT AUSTRALIAN AND CE SPECS) (PVC 2007)	102
FIGURE 2-16. BATTERY CHARGER INSTALLATION - 120V-230V/45-65HZ (ALL SPECS EXCEPT UL SPECS) (PVC 2001)	104
FIGURE 2-17. BATTERY CHARGER INSTALLATION - 120-230V/45-65HZ (ALL SPECS EXCEPT UL SPECS) (PVC 2007)	106
FIGURE 2-18. BATTERY CHARGER INSTALLATION - 120V-230V/45-65HZ (ALL SPECS EXCEPT UL SPECS) (PVC 2007)	108
FIGURE 2-19. BATTERY CHARGER INSTALLATION - 120-240V/50-60HZ (ANSI, ANSI EXPORT, CHINA AND CSA SPECS)	110
FIGURE 2-20. BATTERY CHARGER INSTALLATION - 120-240V/50-60HZ (CE SPECS) (PVC 2001)	112
FIGURE 2-21. BATTERY CHARGER INSTALLATION - 120-240V/50-60HZ (CE SPECS) (PVC 2007)	114
FIGURE 2-22. BATTERY CHARGER INSTALLATION - 250V/50HZ (ANSI EXPORT, AUSTRALIAN AND CHINA SPECS) (PVC 2001)	116
FIGURE 2-23. BATTERY CHARGER INSTALLATION - 250V/50HZ (ANSI EXPORT, AUSTRALIAN AND CHINA SPECS) (PVC 2007)	118
FIGURE 2-24. BATTERY BOX INSTALLATION - STANDARD BATTERIES	120
FIGURE 2-25. BATTERY BOX INSTALLATION - AGM BATTERIES	122
FIGURE 2-26. BATTERY BOX INSTALLATION (UL SPECS)	124
FIGURE 2-27. GROUND CONTROL ELECTRICAL SYSTEM INSTALLATION	126
FIGURE 2-28. GROUND CONTROL PANEL INSTALLATION (EC600SJ/H600SJ) (ALL SPECS EXCEPT CE SPECS)	128
FIGURE 2-29. GROUND CONTROL PANEL INSTALLATION (EC600SJ/H600SJ) (CE SPECS)	130
FIGURE 2-30. GROUND CONTROL PANEL INSTALLATION (EC600SJP/H600SJP) (ALL SPECS EXCEPT CE SPECS)	132
FIGURE 2-31. GROUND CONTROL PANEL INSTALLATION (EC600SJP/H600SJP) (CE SPECS)	134

TABLE OF CONTENTS

FIGURE 2-32. ENGINE CONTROLS INSTALLATION - STANDARD BATTERIES (H600SJ/H600SJP)	136
FIGURE 2-33. ENGINE CONTROLS INSTALLATION - AGM BATTERIES (H600SJ/H600SJP)	138
FIGURE 2-34. LIMIT SWITCH INSTALLATION	140
FIGURE 2-35. ALARM INSTALLATION	142
FIGURE 2-36. WHITE NOISE ALARM INSTALLATION	144
FIGURE 2-37. BEACON LIGHT INSTALLATION - AMBER	146
FIGURE 2-38. BEACON LIGHT INSTALLATION - BLUE	148
FIGURE 2-39. BEACON LIGHT INSTALLATION - RED	150
FIGURE 2-40. INVERTER INSTALLATION - 110V (OPTIONAL)	152
FIGURE 2-41. INVERTER INSTALLATION - 220V (OPTIONAL)	154
FIGURE 2-42. HOODS INSTALLATION	156
SECTION 3 - ENGINE	159
FIGURE 3-1. ENGINE AND GENERATOR INSTALLATION - WITH STANDARD BATTERIES (H600SJ/H600SJP ONLY)	160
FIGURE 3-2. ENGINE AND GENERATOR INSTALLATION - WITH AGM BATTERIES (H600SJ/H600SJP ONLY)	162
FIGURE 3-3. KUBOTA ENGINE ASSEMBLY (H600SJ/H600JP ONLY)	164
FIGURE 3-4. KUBOTA ENGINE COMPONENTS (H600SJ/H600JP ONLY)	166
FIGURE 3-5. EXHAUST STACK AND HOOD BAFFLES INSTALLATION - STANDARD BATTERIES (H600SJ/H600SJP)	170
FIGURE 3-6. EXHAUST STACK AND HOOD BAFFLES INSTALLATION - AGM BATTERIES (H600SJ/H600SJP)	172
SECTION 4 - BOOM	175
FIGURE 4-1. BOOM INSTALLATION (EC600SJ/H600SJ)	176
FIGURE 4-2. BOOM INSTALLATION (EC600SJP/H600SJP)	180
FIGURE 4-3. MAIN BOOM ASSEMBLY (EC600SJ/H600SJ)	184
FIGURE 4-4. MAIN BOOM ASSEMBLY (EC600SJP/H600SJP)	186
FIGURE 4-5. ROTATOR ASSEMBLY (EC600SJ/H600SJ)	188
FIGURE 4-6. ROTATOR ASSEMBLY - PLATFORM ROTATE (EC600SJP/H600SJP)	190
FIGURE 4-7. ROTATOR ASSEMBLY - SIDE SWING ROTATE (EC600SJP/H600SJP)	192
FIGURE 4-8. PLATFORM SUPPORT INSTALLATION	194
FIGURE 4-9. BOOM VALVE INSTALLATION (EC600SJ/H600SJ)	196
FIGURE 4-10. BOOM VALVE INSTALLATION (EC600SJP/H600SJP)	198
FIGURE 4-11. BOOM VALVE ASSEMBLY (EC600SJ/H600SJ)	200
FIGURE 4-12. BOOM VALVE ASSEMBLY (EC600SJP/H600SJP)	202
SECTION 5 - PLATFORM	205
FIGURE 5-1. PLATFORM ASSEMBLY - 30IN X 3FT (76CM X 91.5CM) - WITH DROP BAR	206
FIGURE 5-2. PLATFORM ASSEMBLY - 30IN X 4FT (76CM X 1.22M) - SIDE GATE ENTRY	208
FIGURE 5-3. PLATFORM ASSEMBLY - 30IN X 4FT (76CM X 1.22M) - WITH DROP BAR	210
FIGURE 5-4. PLATFORM ASSEMBLY - 30IN X 6FT (76CM X 1.83M) - SIDE GATE ENTRY	212
FIGURE 5-5. PLATFORM ASSEMBLY - 30IN X 6FT (76CM X 1.83M) - WITH DROP BAR	214
FIGURE 5-6. PLATFORM ASSEMBLY - 30IN X 6FT (0.9M X 1.83M) (FALL ARREST PLATFORM)	216
FIGURE 5-7. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH SWING GATE	218
FIGURE 5-8. PLATFORM ASSEMBLY - 3FT X 6FT (91.5CM X 1.83M) - TRI-ENTRY - 1 SWING GATE/2 DROP BARS	220
FIGURE 5-9. PLATFORM ASSEMBLY - 3FT X 6FT (91.5CM X 1.83M) - TRI-ENTRY - 3 DROP BARS	222
FIGURE 5-10. PLATFORM ASSEMBLY - 3F X 6FT (91.5CM X 1.83M) (FALL ARREST PLATFORM)	224
FIGURE 5-11. PLATFORM ASSEMBLY - 3FT X 8FT (91.5CM X 2.44M) WITH SWING GATE	226
FIGURE 5-12. PLATFORM CONSOLE INSTALLATION - 2WD (ALL SPECS EXCEPT UL SPECS)	228
FIGURE 5-13. PLATFORM CONSOLE INSTALLATION - 2WD (UL SPECS)	230
FIGURE 5-14. PLATFORM CONSOLE INSTALLATION - 4WD (ALL SPECS EXCEPT UL SPECS)	232
FIGURE 5-15. PLATFORM CONSOLE INSTALLATION - 4WD (UL SPECS)	234
FIGURE 5-16. PLATFORM CONSOLE ASSEMBLY - 2WD (ALL SPECS EXCEPT UL SPECS)	236
FIGURE 5-17. PLATFORM CONSOLE ASSEMBLY - 2WD (UL SPECS)	240
FIGURE 5-18. PLATFORM CONSOLE ASSEMBLY - 4WD (ALL SPECS EXCEPT UL SPECS)	244
FIGURE 5-19. PLATFORM CONSOLE ASSEMBLY - 4WD (UL SPECS)	248
FIGURE 5-20. CONTROLLER ASSEMBLY - DRIVE AND STEER	252
FIGURE 5-21. CONTROLLER ASSEMBLY - LIFT AND SWING	254
FIGURE 5-22. FOOTSWITCH ASSEMBLY	258
FIGURE 5-23. ENGINE CONTROLS INSTALLATION - STANDARD BATTERIES (H600SJ/H600SJP)	260
FIGURE 5-24. ENGINE CONTROLS INSTALLATION - AGM BATTERIES (H600SJ/H600SJP)	262
FIGURE 5-25. JIB ROTATE SWITCH INSTALLATION (EC600SJP/H600SJP)	264
FIGURE 5-26. LIGHT PANEL INSTALLATION	266
FIGURE 5-27. TRAY ASSEMBLY	268
FIGURE 5-28. SKYEYE INSTALLATION	270
FIGURE 5-29. SKYGUARD BAR INSTALLATION	272

TABLE OF CONTENTS

FIGURE 5-30. SKYLINE INSTALLATION	274
FIGURE 5-31. SOFT TOUCH INSTALLATION (SIDE ENTRY PLATFORM) (OPTIONAL)	276
FIGURE 5-32. SOFT TOUCH INSTALLATION - WITH FALL ARREST (SIDE ENTRY PLATFORM) (OPTIONAL)	278
FIGURE 5-33. SKYGLAZIER INSTALLATION (ANSI AND CSA SPECS).....	280
FIGURE 5-34. SKYGLAZIER INSTALLATION (ANSI EXPORT SPECS) (SPANISH/PORTUGUESE)	282
FIGURE 5-35. SKYGLAZIER INSTALLATION (ANSI EXPORT SPECS) (ENGLISH/SPANISH)	284
FIGURE 5-36. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (30IN X 4FT /76CM X 1.22M PLATFORM)	286
FIGURE 5-37. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (30IN X 6FT /76CM X 1.82M PLATFORM)	288
FIGURE 5-38. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (6FT/1.82M PLATFORM)	290
FIGURE 5-39. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (6FT/1.82M TRI-ENTRY PLATFORM)	292
FIGURE 5-40. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (8FT/2.4M PLATFORM).....	294
 SECTION 6 - CYLINDERS	 297
FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSEMBLY.....	298
FIGURE 6-2. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE.....	300
FIGURE 6-3. LIFT CYLINDER ASSEMBLY - JIB	302
FIGURE 6-4. LIFT CYLINDER ASSEMBLY - MAIN (PRIOR TO PVC 2001)	304
FIGURE 6-5. LIFT CYLINDER ASSEMBLY - MAIN (PVC 2001)	306
FIGURE 6-6. MASTER CYLINDER ASSEMBLY	308
FIGURE 6-7. STEER CYLINDER ASSEMBLY	310
FIGURE 6-8. TELESCOPE CYLINDER ASSEMBLY	312
 SECTION 7 - HYDRAULIC	 315
FIGURE 7-1. HYDRAULIC DIAGRAM - AXLE (FIXED).....	316
FIGURE 7-2. HYDRAULIC DIAGRAM - AXLE (OSCILLATING)	318
FIGURE 7-3. HYDRAULIC DIAGRAM - DRIVE (2WD).....	320
FIGURE 7-4. HYDRAULIC DIAGRAM - DRIVE (4WD).....	322
FIGURE 7-5. HYDRAULIC DIAGRAM - STANDARD (EC600SJ/H600SJ) (PRIOR TO PVC 2001)	324
FIGURE 7-6. HYDRAULIC DIAGRAM - STANDARD (EC600SJ/H600SJ) (PVC 2001)	328
FIGURE 7-7. HYDRAULIC DIAGRAM - STANDARD (EC600SJP/H600SJP) (PRIOR TO PVC 2001)	332
FIGURE 7-8. HYDRAULIC DIAGRAM - STANDARD (EC600SJP/H600SJP) (PVC 2001)	336
FIGURE 7-9. HYDRAULIC DIAGRAM - TOW	340
 SECTION 8 - ELECTRICAL	 343
FIGURE 8-1. AC BOX AT PLATFORM - LOCALLY SUPPLIED COMPONENTS	344
FIGURE 8-2. AC BOX AT PLATFORM INSTALLATION - 110V (ALL SPECS EXCEPT AUSTRALIAN & CE SPECS)	346
FIGURE 8-3. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE SPEC)	348
FIGURE 8-4. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE SPEC)	350
FIGURE 8-5. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND WITH 2IN X 4IN BOX (CE SPEC)	352
FIGURE 8-6. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND WITH 2IN X 4IN BOX (CE SPEC)	354
FIGURE 8-7. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 KEYED GROUND WITH 2IN X 4IN BOX	356
FIGURE 8-8. AC BOX AT PLATFORM INSTALLATION - 220V (ANSI, CSA & JAPANESE SPECS).....	358
FIGURE 8-9. BATTERY BOX CABLE ASSEMBLY (RH SIDE BOX) (STANDARD BATTERIES)	360
FIGURE 8-10. BATTERY BOX CABLE ASSEMBLY (LH SIDE BOX) (STANDARD BATTERIES).....	362
FIGURE 8-11. BATTERY BOX CABLE ASSEMBLY (AGM BATTERIES)	364
FIGURE 8-12. BATTERY CHARGER ASSEMBLY	366
FIGURE 8-13. BEACON LIGHT HARNESS (AMBER BEACON ONLY)	368
FIGURE 8-14. BEACON LIGHT HARNESS (BLUE & RED BEACON ONLY)	370
FIGURE 8-15. BLUETOOTH MODULE INSTALLATION.....	372
FIGURE 8-16. BLUETOOTH MODULE HARNESS	374
FIGURE 8-17. BOOM TRANSPORT HARNESS (CE SPECS ONLY)	376
FIGURE 8-18. BOOM CABLE - LOWER	378
FIGURE 8-19. BOOM CABLE - UPPER (EC600SJ/H600SJ).....	380
FIGURE 8-20. BOOM CABLE - UPPER (EC600SJP/H600SJP)	382
FIGURE 8-21. BREAKER BOX KIT WITH ONE BREAKER - CE SPEC	384
FIGURE 8-22. BREAKER BOX KIT WITH TWO BREAKERS - CE SPEC	386
FIGURE 8-23. CABLES AND CLAMPS INSTALLATION (EC600SJ/H600SJ) (ALL SPECS EXCEPT AUSTRALIAN & CE SPECS)	388
FIGURE 8-24. CABLES AND CLAMPS INSTALLATION (EC600SJ/H600SJ) (CE SPECS)	390
FIGURE 8-25. CABLES AND CLAMPS INSTALLATION (EC600SJP/H600SJP) (ALL SPECS EXCEPT AUSTRALIAN & CE SPECS)	392
FIGURE 8-26. CABLES AND CLAMPS INSTALLATION - SINGLE AC BOX (EC600SJP/H600SJP) (AUSTRALIAN & CE SPECS)	394
FIGURE 8-27. CABLES AND CLAMPS INSTALLATION - DUAL AC BOXES (EC600SJP/H600SJP) (CE SPECS)	396

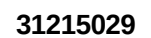
TABLE OF CONTENTS

FIGURE 8-28. CAN JUMPER HARNESS	398
FIGURE 8-29. CENTRAL PANEL CAN BUSS HARNESS	400
FIGURE 8-30. CHARGER CORD PLUG INSTALLATION - 110V - IEC YELLOW (CE SPEC)	402
FIGURE 8-31. CHARGER CORD PLUG INSTALLATION - 220V - IEC BLUE (CE SPEC)	404
FIGURE 8-32. CHARGER CORD PLUG INSTALLATION - 220V - CEE7 POST GROUND (CE SPEC)	406
FIGURE 8-33. CHARGER CORD PLUG INSTALLATION - 220V - CEE7 SIDE GROUND (CE SPEC)	408
FIGURE 8-34. CHARGER CORD PLUG INSTALLATION - 220V - AFSINT 107 KEYED GROUND (CE SPEC)	410
FIGURE 8-35. CHARGER CORD PLUG INSTALLATION (CHINA SPEC)	412
FIGURE 8-36. CHARGER HARNESS	414
FIGURE 8-37. DRIVE CABLE KIT (ALL SPECS EXCPET UL SPECS)	416
FIGURE 8-38. DRIVE CABLE KIT (UL SPECS)	418
FIGURE 8-39. EBOOM CAN SPLICE HARNESS	420
FIGURE 8-40. GENERATOR HARNESS	422
FIGURE 8-41. GROUND CONTROL HARNESS	424
FIGURE 8-42. INVERTER IGNITION HARNESS (110V INVERTER)	426
FIGURE 8-43. INVERTER HARNESS (110V INVERTER)	428
FIGURE 8-44. INVERTER HARNESS (220V INVERTER)	430
FIGURE 8-45. LED REMOTE HARNESS	432
FIGURE 8-46. LIMIT SWITCH CABLE	434
FIGURE 8-47. PLATFORM CONSOLE HARNESS (PVC 2001)	436
FIGURE 8-48. PLATFORM CONSOLE HARNESS (PVC 2007)	438
FIGURE 8-49. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE SPEC)	440
FIGURE 8-50. RECEPTACLE BOX KIT - 220V IEC BLUE (CE SPEC)	442
FIGURE 8-51. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2IN X 4IN BOX (CE SPEC)	444
FIGURE 8-52. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND 2IN X 4IN BOX (CE SPEC)	446
FIGURE 8-53. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE SPEC)	448
FIGURE 8-54. SKYEYE EMITTER HARNESS	450
FIGURE 8-55. SKYEYE INTERMEDIATE HARNESS	452
FIGURE 8-56. SKYEYE RECEIVER HARNESS	454
FIGURE 8-57. SKYGUARD INTERFACE HARNESS	456
FIGURE 8-58. SKYLINE HARNESS	458
FIGURE 8-59. STEERING SENSOR HARNESS	460
FIGURE 8-60. TRACTION HARNESS	462
FIGURE 8-61. TRACTION TO TURNTABLE HARNESS	466
FIGURE 8-62. TURNTABLE HARNESS	468
FIGURE 8-63. VALVE HARNESS - BOOM VALVE	472
FIGURE 8-64. VALVE HARNESS - MAIN CONTROL VALVE	474
FIGURE 8-65. WHITE NOISE ALARM HARNESS	476
SECTION 9 - DECALS	479
FIGURE 9-1. DECAL INSTALLATION - ANSI, ANSI EXPORT, CSA, CHINA & UL SPECS (ENGLISH LANGUAGE)	480
FIGURE 9-2. DECAL INSTALLATION - AUSTRALIAN AND CE SPECS (ENGLISH LANGUAGE)	482
FIGURE 9-3. DECAL INSTALLATION - BRAZIL SPECS (PORTUGUESE/SPANISH LANGUAGES)	484
FIGURE 9-4. DECAL INSTALLATION - CHINESE SPECS (CHINESE/ENGLISH LANGUAGES)	486
FIGURE 9-5. DECAL INSTALLATION - CSA & UL SPECS (ENGLISH/FRENCH LANGUAGES)	488
FIGURE 9-6. DECAL INSTALLATION - JAPANESE SPECS (JAPANESE LANGUAGE)	490
FIGURE 9-7. DECAL INSTALLATION - KOREAN SPECS (KOREAN LANGUAGE)	492
FIGURE 9-8. DECAL INSTALLATION - LATIN AMERICAN SPECS (SPANISH/ENGLISH LANGUAGES)	494
FIGURE 9-9. DECAL INSTALLATION - OPTIONS	496
FIGURE 9-10. TOW BAR DECAL INSTALLATION (ALL SPECS EXCEPT CSA & JAPANESE SPECS) (ENGLISH LANGUAGE)	498
FIGURE 9-11. TOW BAR DECAL INSTALLATION (ANSI EXPORT SPECS) (SPANISH/ENGLISH LANGUAGES)	500
FIGURE 9-12. TOW BAR DECAL INSTALLATION (CE SPECS) (SPANISH LANGUAGE)	502
FIGURE 9-13. TOW BAR DECAL INSTALLATION (CE, AUSTRALIAN AND UL SPECS) (ALL LANGUAGES)	504
SECTION 10 - RECOMMENDED SERVICE PARTS STOCK	507
FIGURE 10-1. RECOMMENDED SERVICE PARTS STOCK	508
SECTION 11 - SPECIAL OPTIONS	511
FIGURE 11-1. SPECIAL OPTIONS LIST	512
PART NUMBER INDEX	517

SECTION 1 - FRAME

12

EC600_H600



ART_1001174522

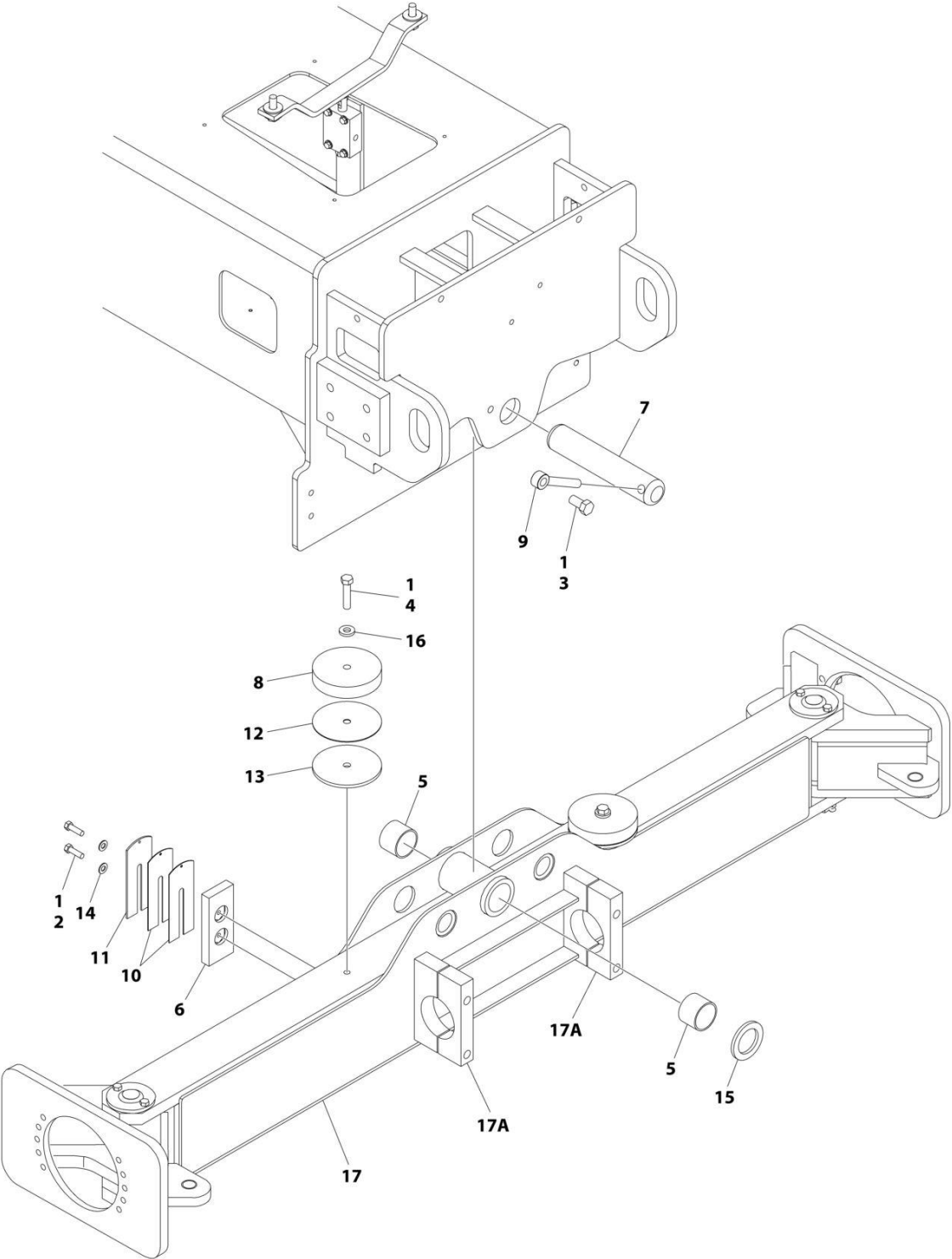
SECTION 1 - FRAME

FIGURE 1-1. AXLE INSTALLATION - FIXED (2WD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174522	Ref	AXLE INSTALLATION - FIXED (2WD)	C
1	0100011	AR	Compound, Locking	
2	0641610	4	Bolt 3/8 x 1-1/4	
3	0642010	1	Bolt 5/8 x 1-1/4	
4	0681818	2	Bolt 1/2 x 2-1/4 Grade 8	
4	0641818	2	Bolt 1/2 x 2-1/4	
5	0961950	2	Bushing	
6	3340837	2	Pad, Wear	
7	3422592	1	Pin, Axle Pivot	
8	3539877	2	Plate, Stop	
9	3841258	1	Keeper, Pin	
10	4070897	2	Shim #18Ga	
11	4070898	2	Shim #11Ga	
12	4070944	2	Shim #16Ga	
13	4070945	2	Shim 1/4	
14	4711600	4	Washer 3/8	
15	4740158	1	Thrustwasher	
16	4891800	2	Washer 1/2	
17	1001174461	1	Axle	
17A	1001175158	2	Steer Cylinder Mounting Block Assembly	

SECTION 1 - FRAME

FIGURE 1-2. AXLE INSTALLATION - FIXED (4WD)



ART_1001174523

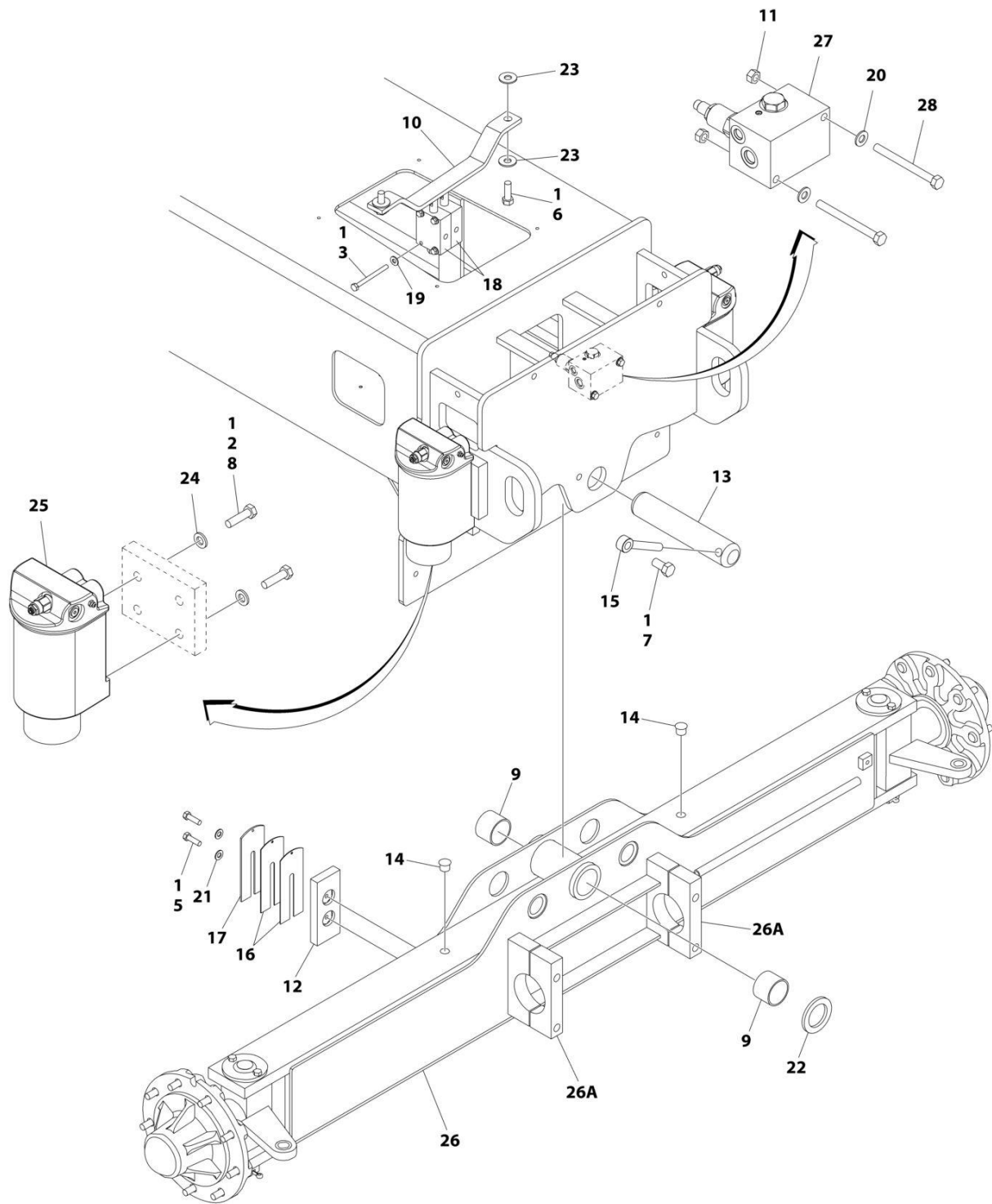
SECTION 1 - FRAME

FIGURE 1-2. AXLE INSTALLATION - FIXED (4WD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174523	Ref	AXLE INSTALLATION - FIXED (4WD)	C
1	0100011	AR	Compound, Locking	
2	0641610	4	Bolt 3/8 x 1-1/4	
3	0642010	1	Bolt 5/8 x 1-1/4	
4	0681818	2	Bolt 1/2 x 2-1/4 Grade 8	
4	0641818	2	Bolt 1/2 x 2-1/4	
5	0961950	2	Bushing	
6	3340837	2	Pad, Wear	
7	3422592	1	Pin, Axle Pivot	
8	3539877	2	Plate, Stop	
9	3841258	1	Keeper, Pin	
10	4070897	2	Shim #18Ga	
11	4070898	2	Shim #11Ga	
12	4070944	2	Shim #16Ga	
13	4070945	2	Shim 1/4	
14	4711600	4	Washer 3/8	
15	4740158	1	Thrustwasher	
16	4891800	2	Washer 1/2	
17	1001174792	1	Axle	
17A	1001175158	2	Steer Cylinder Mounting Block Assembly	

SECTION 1 - FRAME

FIGURE 1-3. AXLE INSTALLATION - OSCILLATING WITHOUT TOW PACKAGE (2WD)



ART_1001174525

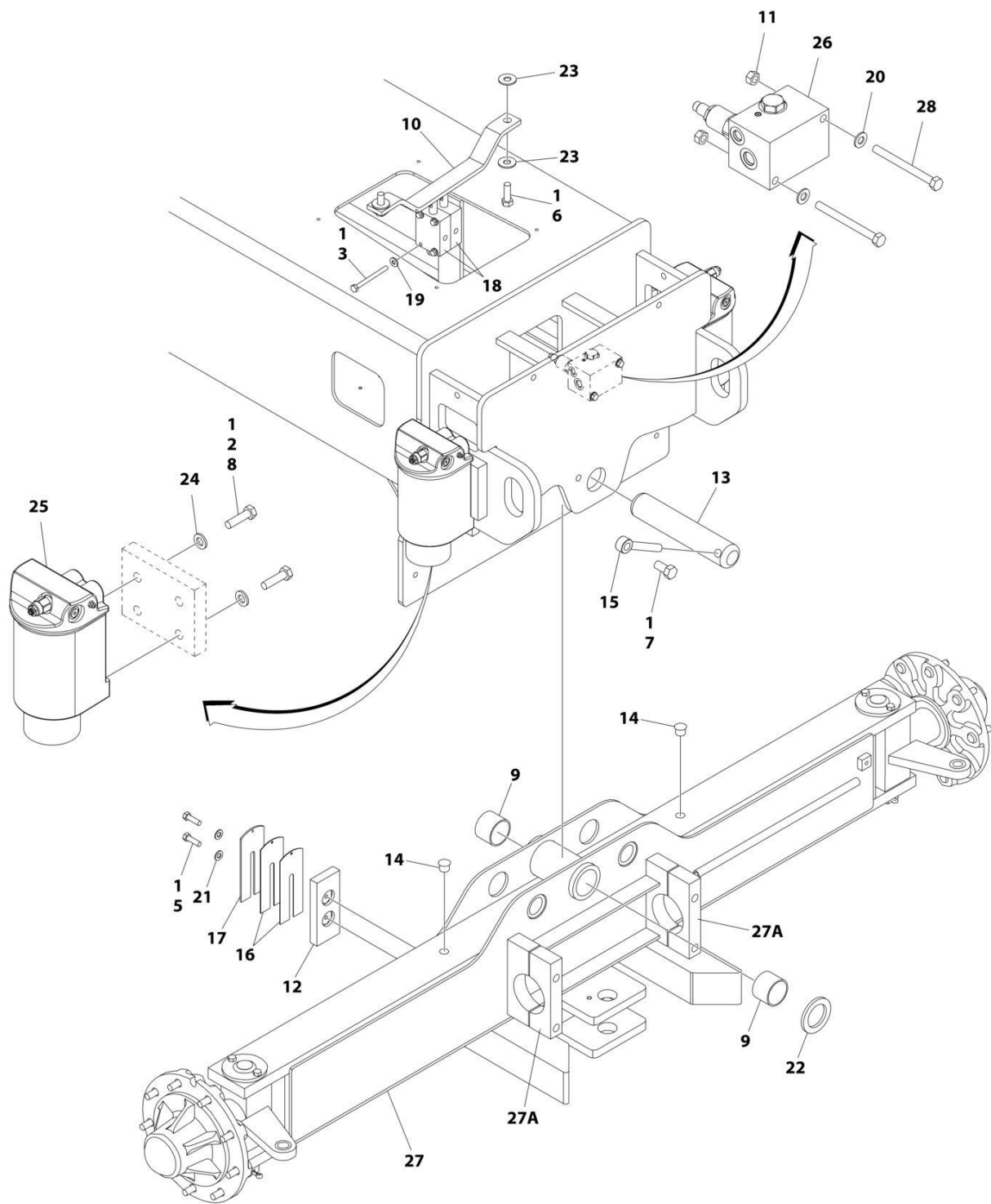
SECTION 1 - FRAME

FIGURE 1-3. AXLE INSTALLATION - OSCILLATING WITHOUT TOW PACKAGE (2WD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174525	Ref	AXLE INSTALLATION - OSCILLATING WITHOUT TOW PACKAGE (2WD) (CE & UK CA SPECS)	D
1	0100011	AR	Compound, Locking	
2	0100038	AR	Primer, Locking	
3	0641424	4	Bolt 1/4 x 3	
5	0641610	4	Bolt 3/8 x 1-1/4	
6	0641812	2	Bolt 1/2 x 1-1/2	
7	0642010	1	Bolt 5/8 x 1-1/4	
8	0701217	8	Bolt M12 x 45	
9	0961950	2	Bushing	
10	1100124	1	Cam, Lockout	
11	3311501	2	Nut 5/16	
12	3340837	2	Pad, Wear	
13	3422592	1	Pin, Axle Pivot	
14	3520054	2	Plug, Hole	
15	3841258	1	Keeper, Pin	
16	4070897	4	Shim #18Ga	
17	4070898	2	Shim #11Ga	
18	4640871	2	Lockout Valve Assembly	
19	4711400	4	Washer 1/4	
20	4711500	2	Washer 5/16	
21	4711600	4	Washer 3/8	
22	4740158	1	Thrustwasher	
23	4751800	4	Washer 1/2	
24	5241200	8	Washer M12	
25	1001163580	2	Axle Lockout Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
26	1001174461	1	Axle	
26A	1001175158	2	Steer Cylinder Mounting Block Assembly	
27	1001182136	1	Axle Lockout Valve Assembly (See Separate Breakdown in this Section)	
28	0641528	2	Bolt 5/16 x 3-1/2	

SECTION 1 - FRAME

FIGURE 1-4. AXLE INSTALLATION - OSCILLATING WITH TOW PACKAGE (2WD)



ART_1001174528

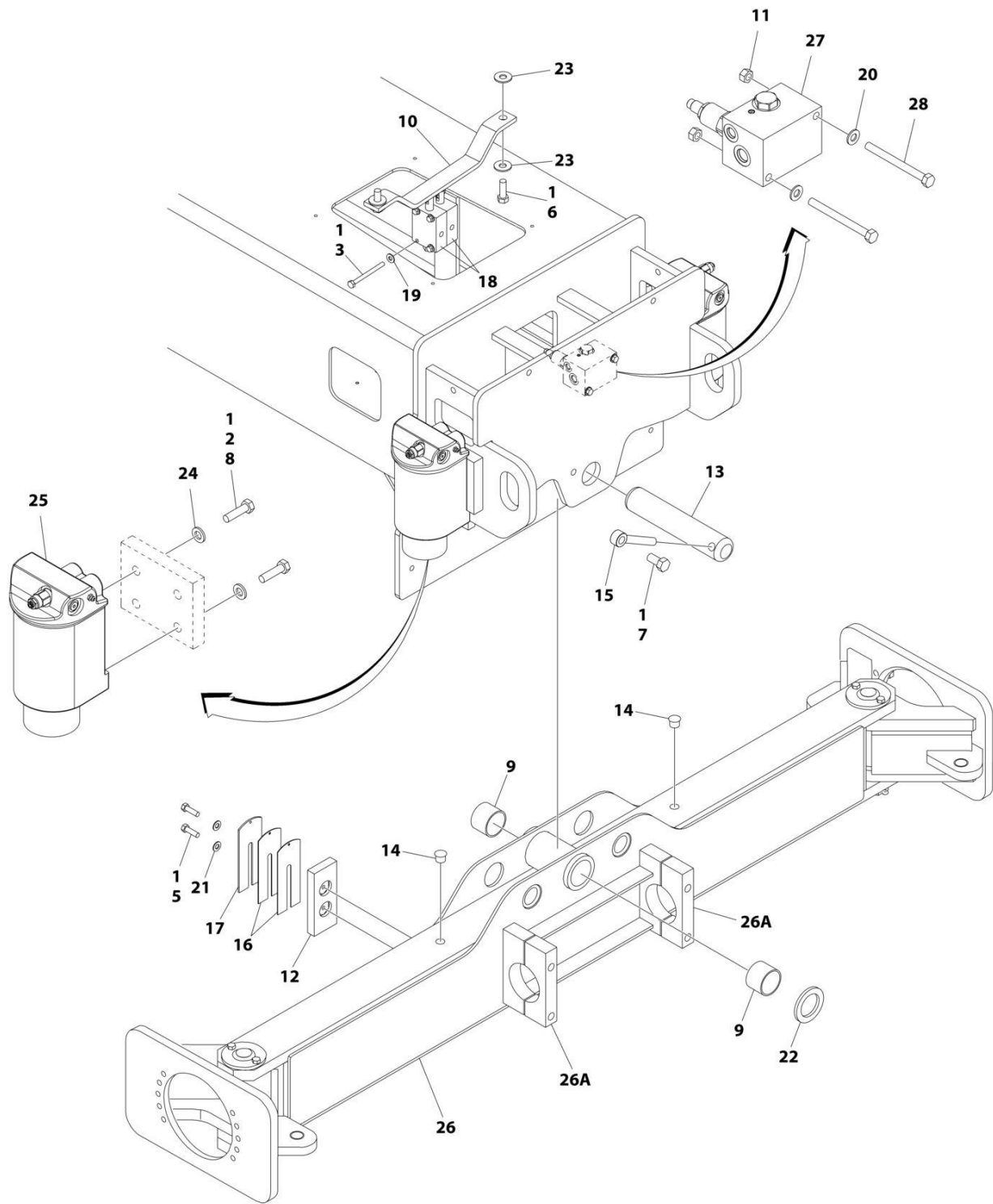
SECTION 1 - FRAME

FIGURE 1-4. AXLE INSTALLATION - OSCILLATING WITH TOW PACKAGE (2WD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174528	Ref	AXLE INSTALLATION - OSCILLATING WITH TOW PACKAGE (2WD) (CE & UK CA SPECS)	D
1	0100011	AR	Compound, Locking	
2	0100038	AR	Primer, Locking	
3	0641424	4	Bolt 1/4 x 3	
5	0641610	4	Bolt 3/8 x 1-1/4	
6	0641812	2	Bolt 1/2 x 1-1/2	
7	0642010	1	Bolt 5/8 x 1-1/4	
8	0701217	8	Bolt M12 x 45	
9	0961950	2	Bushing	
10	1100124	1	Cam, Lockout	
11	3311501	2	Nut 5/16	
12	3340837	2	Pad, Wear	
13	3422592	1	Pin, Axle Pivot	
14	3520054	2	Plug, Hole	
15	3841258	1	Keeper, Pin	
16	4070897	4	Shim #18Ga	
17	4070898	2	Shim #11Ga	
18	4640871	2	Lockout Valve Assembly	
19	4711400	4	Washer 1/4	
20	4711500	2	Washer 5/16	
21	4711600	4	Washer 3/8	
22	4740158	1	Thrustwasher	
23	4751800	4	Washer 1/2	
24	5241200	8	Washer M12	
25	1001163580	2	Axle Lockout Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
26	1001182136	1	Axle Lockout Valve Assembly (See Separate Breakdown in this Section)	
27	1001182707	1	Axle	
27A	1001175158	2	Steer Cylinder Mounting Block Assembly	
28	0641528	2	Bolt 5/16 x 3-1/2	

SECTION 1 - FRAME

FIGURE 1-5. AXLE INSTALLATION - OSCILLATING (4WD)



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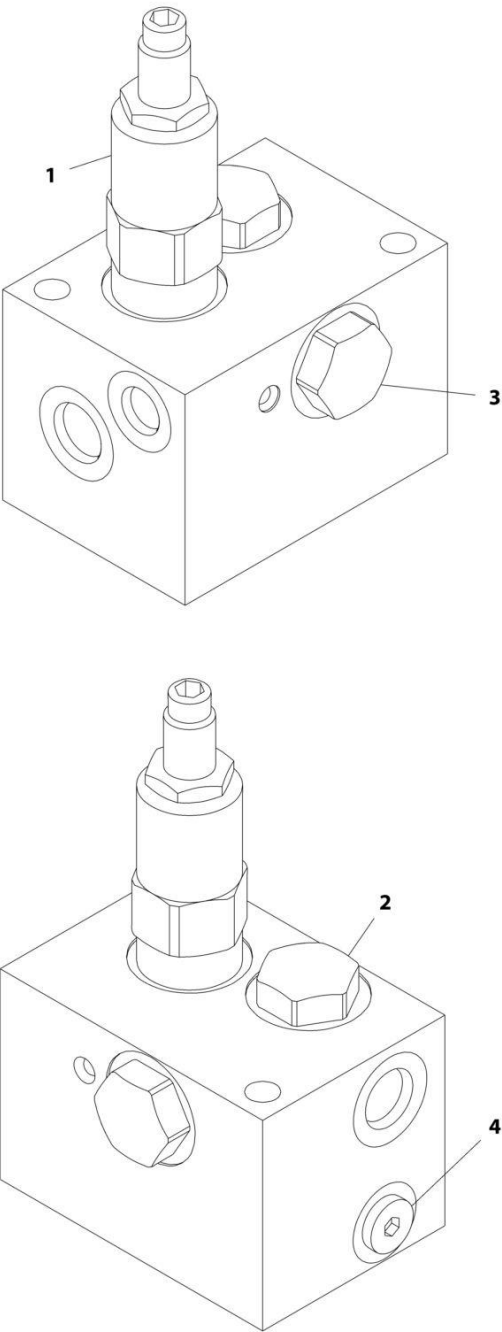
SECTION 1 - FRAME

FIGURE 1-5. AXLE INSTALLATION - OSCILLATING (4WD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174527	Ref	AXLE INSTALLATION - OSCILLATING (4WD) (CE & UK CA SPECS)	D
1	0100011	AR	Compound, Locking	
2	0100038	AR	Primer, Locking	
3	0641424	4	Bolt 1/4 x 3	
5	0641610	4	Bolt 3/8 x 1-1/4	
6	0641812	2	Bolt 1/2 x 1-1/2	
7	0642010	1	Bolt 5/8 x 1-1/4	
8	0701217	8	Bolt M12 x 45	
9	0961950	2	Bushing	
10	1100124	1	Cam, Lockout	
11	3311501	2	Nut 5/16	
12	3340837	2	Pad, Wear	
13	3422592	1	Pin, Axle Pivot	
14	3520054	2	Plug, Hole	
15	3841258	1	Keeper, Pin	
16	4070897	4	Shim #18Ga	
17	4070898	2	Shim #11Ga	
18	4640871	2	Lockout Valve Assembly	
19	4711400	4	Washer 1/4	
20	4711500	2	Washer 5/16	
21	4711600	4	Washer 3/8	
22	4740158	1	Thrustwasher	
23	4751800	4	Washer 1/2	
24	5241200	8	Washer M12	
25	1001163580	2	Axle Lockout Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
26	1001174792	1	Axle	
26A	1001175158	2	Steer Cylinder Mounting Block Assembly	
27	1001182136	1	Axle Lockout Valve Assembly (See Separate Breakdown in this Section)	
28	0641528	2	Bolt 5/16 x 3-1/2	

SECTION 1 - FRAME

FIGURE 1-6. AXLE LOCKOUT VALVE ASSEMBLY



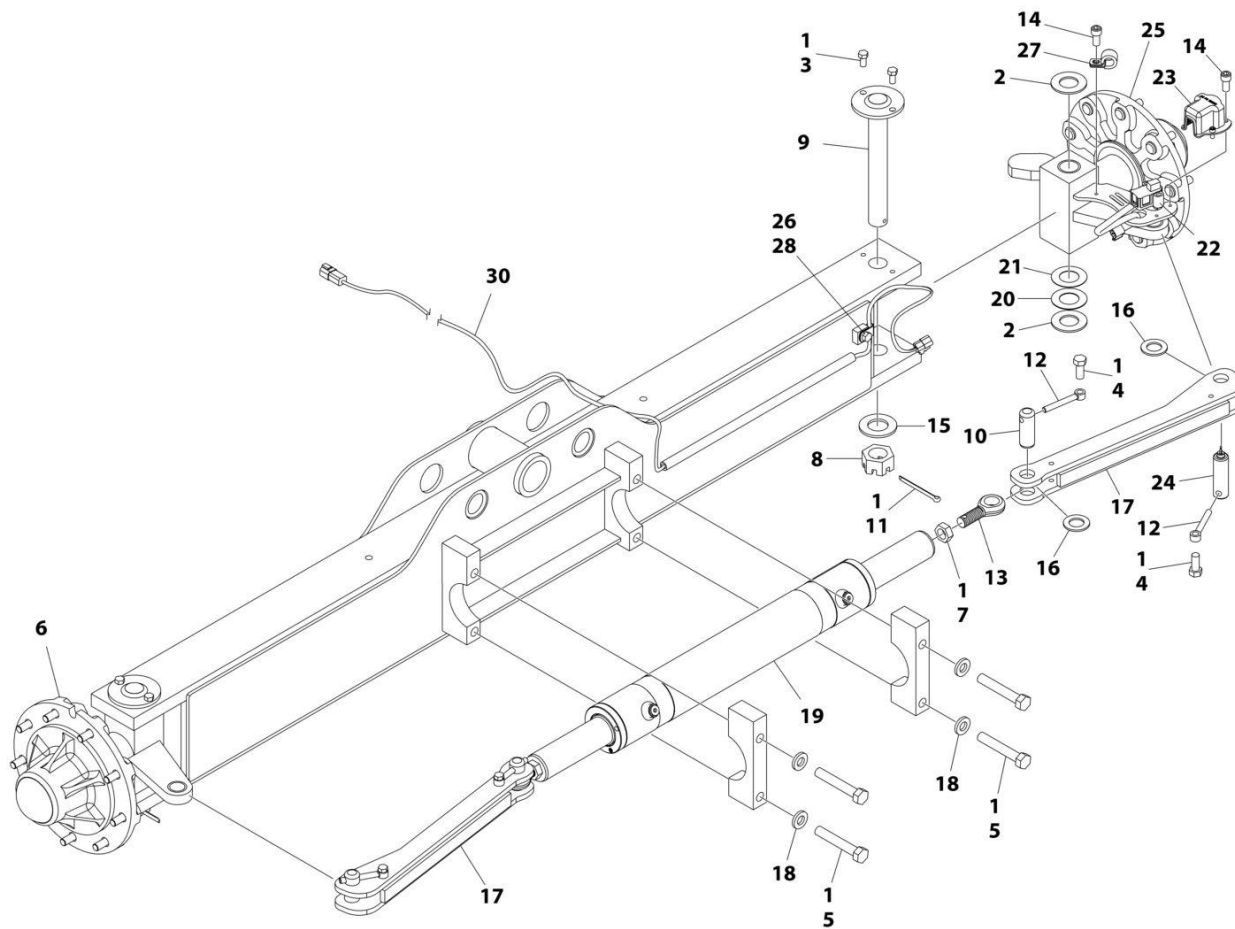
ART_1001182136

FIGURE 1-6. AXLE LOCKOUT VALVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182136	Ref	AXLE LOCKOUT VALVE ASSEMBLY	C
1	70004388	1	Cartridge	
1	7021653	1	Seal Kit - 70004388 Cartridge	
2	7012955	1	Cartridge	
2	7012967	1	Seal Kit - 7012955 Cartridge	
3	7023976	1	Cartridge	
3	7012967	1	Seal Kit - 7023976 Cartridge	
4	2220883	1	Plug	

SECTION 1 - FRAME

FIGURE 1-7. STEER INSTALLATION - WITHOUT TOW PACKAGE (2WD/2WS)



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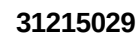
SECTION 1 - FRAME

FIGURE 1-7. STEER INSTALLATION - WITHOUT TOW PACKAGE (2WD/2WS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180934	Ref	STEER INSTALLATION - WITHOUT TOW PACKAGE (2WD/2WS)	D
1	0100011	AR	Compound, Locking	
2	0440162	4	Thrustwasher	
3	0641606	4	Bolt 3/8 x 3/4	
4	0641607	4	Bolt 3/8 x 7/8	
5	0642030	4	Bolt 5/8 x 3-3/4	
6	2780245	1	Hub/Spindle Assembly (RH) (See Separate Breakdown in this Section)	
7	3322202	2	Nut 3/4	
8	3323003	2	Nut 1-1/4	
9	3422692	2	Kingpin	
10	3422817	3	Pin	
11	3450812	2	Pin, Cotter 1/4 x 3	
12	3841143	4	Keeper, Pin	
13	3841443	2	Rod-End	
14	3931408	4	Capscrew 1/4 x 1/2	
15	4713000	2	Washer 1-1/4	
16	4740111	4	Thrustwasher	
17	4846076	2	Tie-Rod	
18	4892000	4	Washer 5/8	
19	1001140281	1	Steer Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
20	1001151395	AR	Shim .048	
21	1001151428	AR	Shim .036	
22	1001161117	1	Switch, Rotary Angle Sensor	
23	1001169423	1	Cover	
24	1001180908	1	Pin	
25	1001180912	1	Hub/Spindle Assembly (LH) (See Separate Breakdown in this Section)	
26	0641604	1	Bolt 3/8 x 1/2	
27	1320043	1	Clamp	
28	1320263	1	Clamp	
29	4240032	2	Tie-Strap (Not Shown)	
30	1001195835	1	Steer Harness (See Separate Breakdown in ELECTRICAL Section)	

26

EC600_H600



ART_1001180936

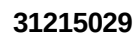
SECTION 1 - FRAME

FIGURE 1-8. STEER INSTALLATION - WITH TOW PACKAGE (2WD/2WS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180936	Ref	STEER INSTALLATION - WITH TOW PACKAGE (2WD/2WS)	D
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0440162	4	Thrustwasher	
4	0641606	4	Bolt 3/8 x 3/4	
5	0641607	4	Bolt 3/8 x 7/8	
6	0641608	1	Bolt 3/8 x 1	
7	0642030	4	Bolt 5/8 x 3-3/4	
8	0962292	4	Bearing	
9	0962348	1	Bearing	
10	2780245	1	Hub/Spindle Assembly (RH) (See Separate Breakdown in this Section)	
11	3322202	2	Nut 3/4	
12	3323003	2	Nut 1-1/4	
13	3422692	2	Kingpin	
14	3422817	3	Pin	
15	3422848	1	Pin, Hitch	
16	3450812	2	Pin, Cotter 1/4 x 3	
17	3572490	1	Plate, Tow Bar Pivot	
18	3841143	5	Keeper, Pin	
19	3841443	2	Rod-End	
20	3900295	1	Bolt 1 x 3	
21	3900296	1	Bolt 1 x 4-1/2	
22	3931408	4	Capscrew 1/4 x 1/2	
23	4713000	2	Washer 1-1/4	
24	4740111	9	Thrustwasher	
25	4740155	2	Thrustwasher	
26	4846076	1	Tie-Rod (Left Side)	
27	4846292	1	Tie-Rod (Right Side)	
28	4846294	1	Link, Tow Bar	
29	4892000	4	Washer 5/8	
30	1001140281	1	Steer Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
31	1001151395	AR	Shim .048	
32	1001151428	AR	Shim .036	
33	1001161117	1	Switch, Rotary Angle Sensor	
34	1001169423	1	Cover	
35	1001180908	1	Pin	
36	1001180912	1	Hub/Spindle Assembly (LH) (See Separate Breakdown in this Section)	
37	0641604	1	Bolt 3/8 x 1/2	
38	1320043	1	Clamp	
39	1320263	1	Clamp	
40	4240032	2	Tie-Strap (Not Shown)	
41	1001195835	1	Steer Harness (See Separate Breakdown in ELECTRICAL Section)	

28

EC600_H600



ART_1001180935

SECTION 1 - FRAME

FIGURE 1-9. STEER INSTALLATION - (4WD/2WS) (EC600SJ/H600SJ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180935	Ref	STEER INSTALLATION - (4WD/2WS)	E
1	0080233	2	Drive Adapter Assembly	
1A	4300145	28	Stud, Wheel (14 Per Assembly)	
2	0100011	AR	Compound, Locking	
3	0100019	AR	Compound, Locking	
4	0440161	4	Thrustwasher	
5	0641404	4	Bolt 1/4 x 1/2	
6	0641504	8	Bolt 5/16 x 1/2	
7	0641606	4	Bolt 3/8 x 3/4	
8	0641607	4	Bolt 3/8 x 7/8	
9	0642030	4	Bolt 5/8 x 3-3/4	
10	0681812	20	Bolt 1/2 x 3-1/4 Grade 8	
11	0961948	4	Bushing	
12	0962292	2	Bearing	
13	1001228232	2	Drive Motor Assembly (Front) (See Separate Breakdown in this Section)	
14	3300426	10	Nut 5/8	
15	3322202	2	Nut 3/4	
16	3323403	2	Nut 1-1/2	
17	3422817	3	Pin	
18	3422819	2	Kingpin	
19	3450812	2	Pin, Cotter 1/4 x 3	
20	3572328	1	Plate, Mounting	
21	3841143	4	Keeper, Pin	
22	3841443	2	Rod-End	
23	3931408	3	Capscrew 1/4 x 1/2	
24	4641148	1	Flow Divider Assembly	
24	See Note	NSS	Seal Kit - 4641148 Valve (Note: Not Available for Purchase)	
25	4711400	5	Washer 1/4	
26	4711500	4	Washer 5/16	
27	4713400	2	Washer 1-1/2	
28	4740111	4	Thrustwasher	
29	4751500	4	Washer 5/16	
30	4846135	1	Spindle	
31	4846141	2	Tie-Rod	
32	4892000	4	Washer 5/8	
34	1001092586	1	Valve Assembly - Drive (See separate Breakdown in this Section)	
35	1001140281	1	Steer Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
36	1001156428	AR	Shim .120	
37	1001156429	AR	Shim .060	
38	1001156430	AR	Shim .030	
39	1001161117	1	Switch, Rotary Angle Sensor	
40	1001169423	1	Cover	
41	1001180902	1	Spindle	
42	1001180904	1	Pin, Steer Sensor	
43	1001195835	1	Steer Harness (See Separate Breakdown in ELECTRICAL Section)	
44	0641409	1	Bolt 1/4 x 1-1/8	
45	3300454	1	Nut 1/4	

SECTION 1 - FRAME

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
46	4240033	AR	Tie-Strap (Not Shown)	
47	1001141581	1	Mount	

32

EC600_H600



SECTION 1 - FRAME

FIGURE 1-10. STEER INSTALLATION - (4WD/2WS) (EC600SJP/H600SJP)

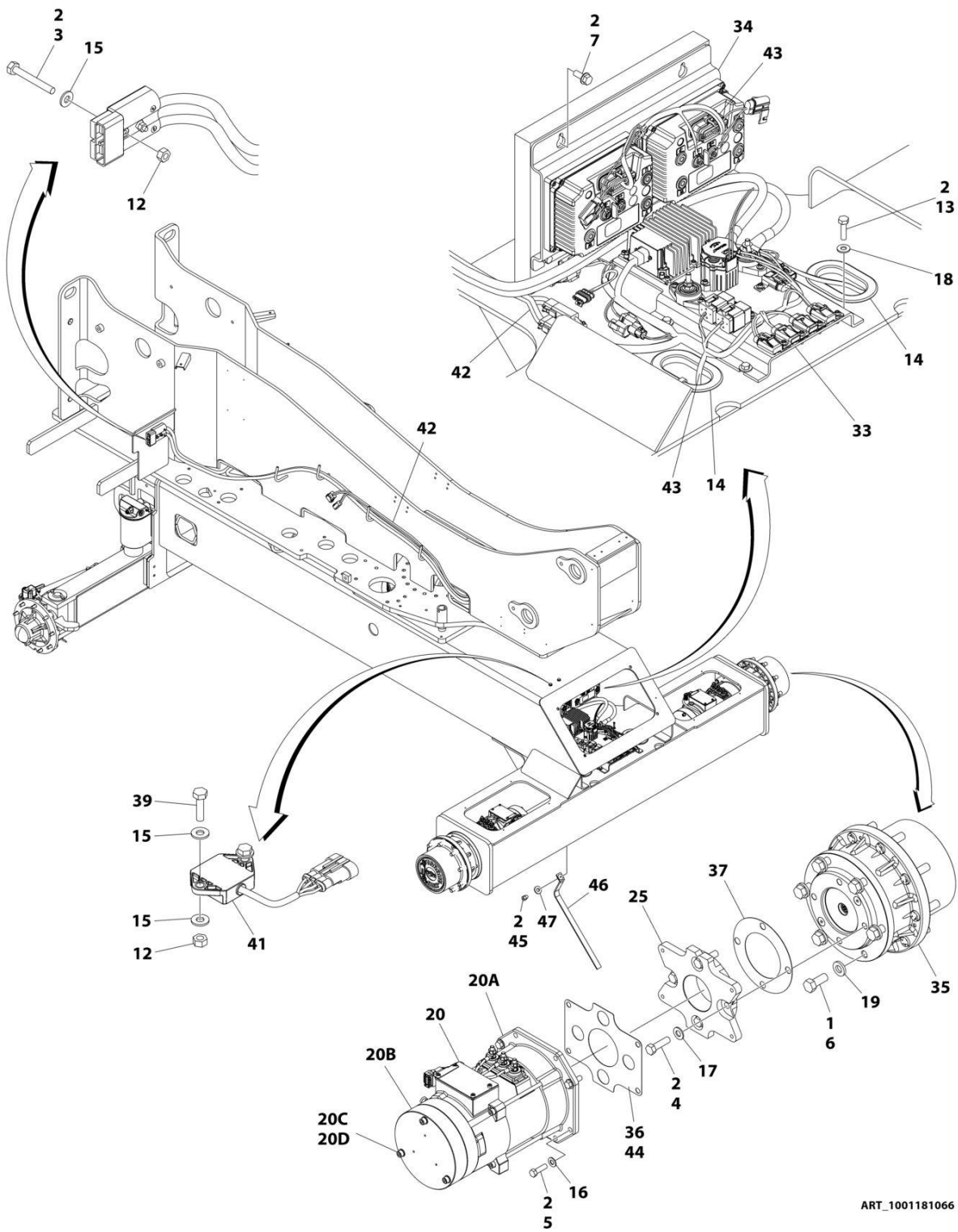
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180937	Ref	STEER INSTALLATION - (4WD/2WS) (E600JP/M600JP)	G
1	0080233	2	Drive Adapter Assembly	
1A	4300145	28	Stud, Wheel (14 Per Assembly)	
2	0100011	AR	Compound, Locking	
3	0100019	AR	Compound, Locking	
4	0440161	4	Thrustwasher	
5	0641404	4	Bolt 1/4 x 1/2	
6	0641504	8	Bolt 5/16 x 1/2	
7	0641606	4	Bolt 3/8 x 3/4	
8	0641607	4	Bolt 3/8 x 7/8	
9	0642030	4	Bolt 5/8 x 3-3/4	
10	0681812	20	Bolt 1/2 x 3-1/4 Grade 8	
11	0961948	4	Bushing	
12	0962292	2	Bearing	
13	1001228232	2	Drive Motor Assembly (See Separate Breakdown in this Section)	
14	3300426	10	Nut 5/8	
15	3322202	2	Nut 3/4	
16	3323403	2	Nut 1-1/4	
17	3422819	2	Kingpin	
18	3422817	3	Pin	
19	3450812	2	Pin, Cotter 1/4 x 3	
20	3572328	1	Plate, Mounting	
21	3841143	4	Keeper, Pin	
22	3841443	2	Rod-End	
23	3931408	3	Capscrew 1/4 x 1/2	
24	4641148	1	Flow Divider Assembly	
24	See Note	NSS	Seal Kit - 4641148 Valve (Note: Not Available for Purchase)	
25	4711400	5	Washer 1/4	
26	4711500	4	Washer 5/16	
27	4713000	2	Washer 1-1/4	
27	4713400	2	Washer 1-1/2	
28	4740111	4	Thrustwasher	
29	4751500	4	Washer 5/16	
30	4846141	2	Tie-Rod	
31	4846350	1	Spindle (Right Side)	
32	4892000	4	Washer 5/8	
33	1001092586	1	Valve Assembly - Drive (See Separate Breakdown in this Section)	
34	1001140281	1	Steer Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
35	1001156429	AR	Shim .060	
36	1001156430	AR	Shim .030	
37	1001161117	1	Switch, Rotary Angle Sensor	
38	1001169423	1	Cover	
39	1001183584	1	Spindle (Left Side)	
40	1001180904	1	Pin, Steer Sensor	
41	1001195835	1	Steer Harness (See Separate Breakdown in ELECTRICAL Section)	
42	0641409	1	Bolt 1/4 x 1-1/8	
43	3300454	1	Nut 1/4	
44	4240033	AR	Tie-Strap (Not Shown)	

SECTION 1 - FRAME

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
45	1001141581	1	Mount	

SECTION 1 - FRAME

FIGURE 1-11. WHEEL DRIVE INSTALLATION (NON UL SPECS)



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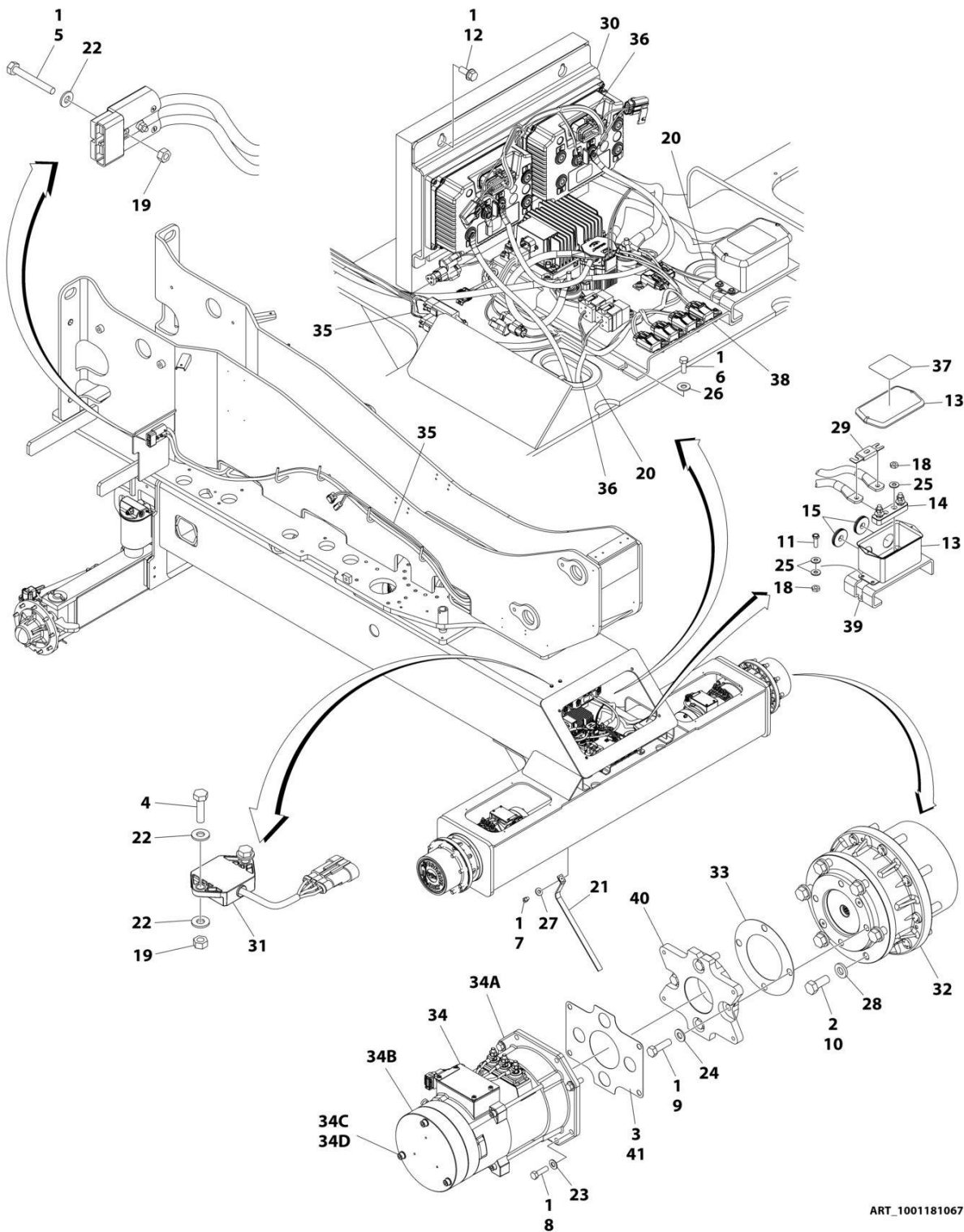
SECTION 1 - FRAME

FIGURE 1-11. WHEEL DRIVE INSTALLATION (NON UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181066	Ref	WHEEL DRIVE INSTALLATION	K
1	0100019	AR	Compound, Locking	
2	0100011	AR	Compound, Locking	
3	0641416	4	Bolt 1/4 x 2	
4	0641814	8	Bolt 1/2 x 1-3/4	
5	0641610	8	Bolt 3/8 x 1-1/4	
6	0682012	12	Bolt 5/8 x 1-1/2 Grade 8	
7	0791506	4	Screw 5/16 x 3/4	
12	3311401	6	Nut 1/4	
13	0641506	4	Bolt 5/16 x 3/4	
14	4060808	20.5 in /52cm	Flex-Trim	
15	4711400	8	Washer 1/4	
16	4751600	8	Washer 3/8	
17	4711800	8	Washer 1/2	
18	4751500	4	Washer 5/16	
19	4892000	12	Washer 5/8	
20	1001184855	2	Drive Motor/Brake Assembly	
20A	1001184206	2	Drive Motor Assembly (See Separate Breakdown in this Section)	
20B	1001184853	2	Drive Brake Assembly	
20C	4031920	3	Capscrew M8 x 80	
20D	4811900	3	Washer M8	
25	1001219722	2	Plate, Motor Adapter	
33	1001180654	1	AC Drive Electrical Plate Assembly (See Separate Breakdown in this Section)	
34	1001180780	1	Drive Module Plate Assembly (See Separate Breakdown in this Section)	
35	1001182494	2	Drive Hub Assembly (See Separate Breakdown in this Section)	
36	1001220271	2	Seal, Motor	
37	1001182960	2	Seal, Hub	
39	0641408	2	Bolt 1/4 x 1	
41	1001219601	1	Sensor, Tilt Dual Axis	
42	1001195836	1	Traction to Turntable Harness (See Separate Breakdown in ELECTRICAL Section)	
43	1001195867	1	Traction Harness (See Separate Breakdown in ELECTRICAL Section)	
44	0100020	AR	Sealant, Pipe	
45	0641604	1	Bolt 3/8 x 1/2	
46	4240084	1	Strap, Anti-Static	
47	4751600	1	Washer 3/8	
100	1001196485	1	Drive Cable Kit (Not Shown - See Separate Breakdown in ELECTRICAL Section)	

SECTION 1 - FRAME

FIGURE 1-12. WHEEL DRIVE INSTALLATION (UL SPECS)



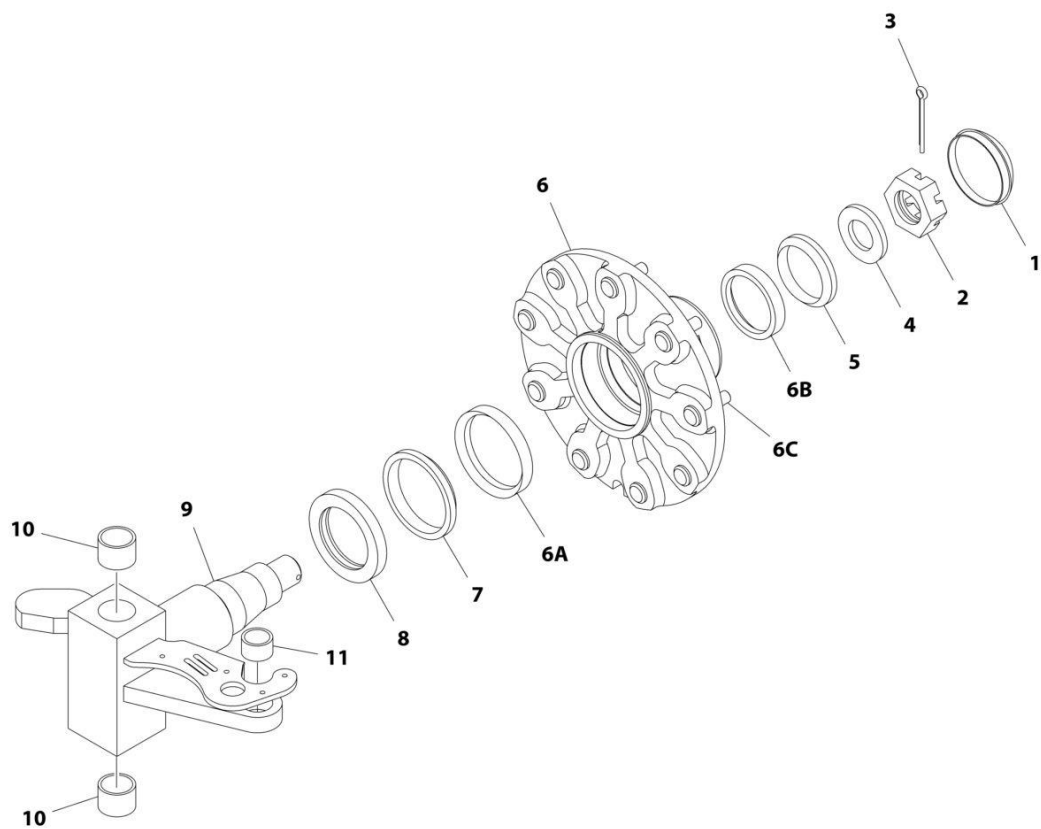
SECTION 1 - FRAME

FIGURE 1-12. WHEEL DRIVE INSTALLATION (UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181067	Ref	WHEEL DRIVE INSTALLATION	E
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100020	AR	Sealant, Pipe	
4	0641408	2	Bolt 1/4 x 1	
5	0641416	4	Bolt 1/4 x 2	
6	0641507	4	Bolt 5/16 x 7/8	
7	0641604	1	Bolt 3/8 x 1/2	
8	0641610	8	Bolt 3/8 x 1-1/4	
9	0641814	8	Bolt 1/2 x 1-3/4	
10	0682012	12	Bolt 5/8 x 1-1/2 Grade 8	
11	0721005	4	Screw #10 x 5/8	
12	0791506	4	Screw 5/16 x 3/4	
13	0861375	1	Box	
14	2400044	1	Fuse, Mounting Block	
15	2540037	2	Grommet	
18	3311001	6	Nut #10	
19	3311401	6	Nut 1/4	
20	4060808	20.5 in/ 52cm	Flex-Trim	
21	4240084	1	Strap, Anti-Static	
22	4711400	8	Washer 1/4	
23	4751600	8	Washer 3/8	
24	4711800	8	Washer 1/2	
25	4751000	10	Washer #10	
26	4751500	4	Washer 5/16	
27	4751600	1	Washer 3/8	
28	4892000	12	Washer 5/8	
29	1001170365	1	Fuse, 400 Amp	
30	1001180780	1	Drive Module Plate Assembly (See Separate Breakdown in this Section)	
31	1001219601	1	Sensor, Tilt Dual Axis	
32	1001182494	2	Drive Hub Assembly (See Separate Breakdown in this Section)	
33	1001182960	2	Seal, Hub	
34	1001184855	2	Drive Motor/Brake Assembly	
34A	1001184206	2	Drive Motor Assembly (See Separate Breakdown in this Section)	
34B	1001184853	2	Drive Brake Assembly	
34C	4031920	3	Capscrew M8 x 80	
34D	4811900	3	Washer M8	
35	1001195836	1	Traction to Turntable Harness (See Separate Breakdown in ELECTRICAL Section)	
36	1001195867	1	Traction Harness (See Separate Breakdown in ELECTRICAL Section)	
37	1001213626	1	Decal - Fuse, 400 Amp	
38	1001214669	1	AC Drive Electrical Plate Assembly (See Separate Breakdown in this Section)	
39	1001214804	1	Bracket	
40	1001219722	2	Plate, Motor Adapter	
41	1001220271	2	Seal, Motor	
100	1001214800	1	Drive Cable Kit (Not Shown - See Separate Breakdown in ELECTRICAL Section)	

SECTION 1 - FRAME

FIGURE 1-13. NON-DRIVE HUB ASSEMBLY - LH (2WD FRONT)



ART_1001180912

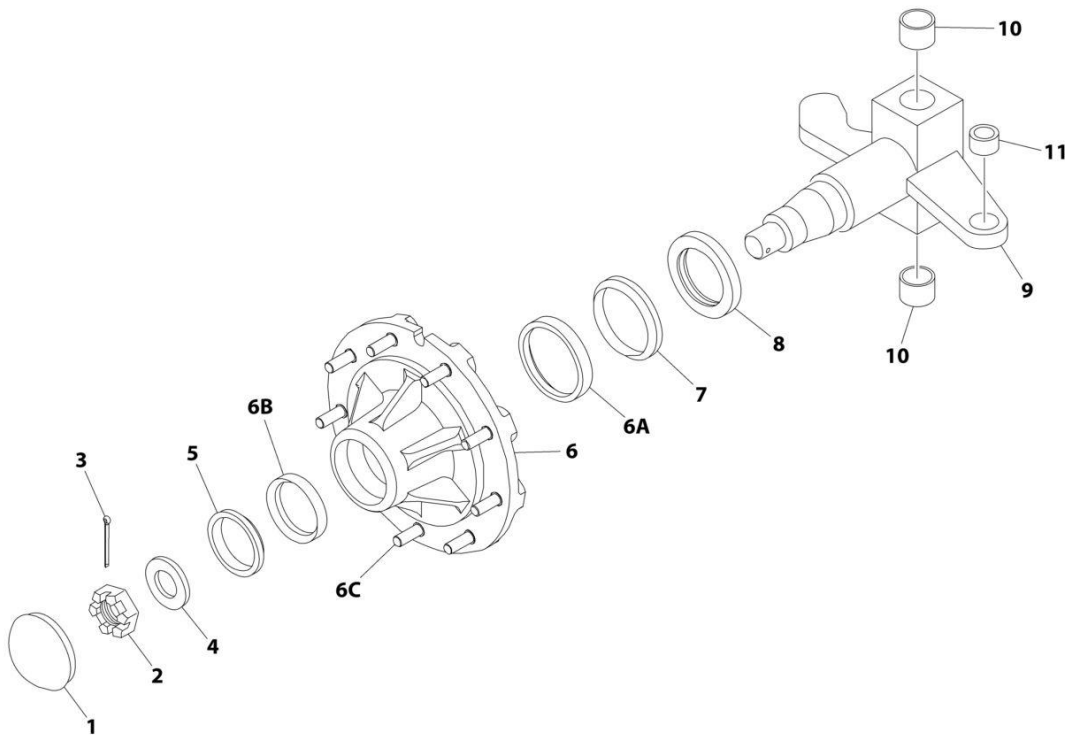
SECTION 1 - FRAME

FIGURE 1-13. NON-DRIVE HUB ASSEMBLY - LH (2WD FRONT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180912	Ref	HUB ASSEMBLY - LH	B
1	7020137	1	Cap, Dust	
2	7020054	1	Nut, Castle	
3	3450406	1	Pin, Cotter	
4	7020055	1	Washer, Spindle	
5	7020039	1	Cone, Bearing - Outer	
6	70002434	1	Hub	
6A	7020036	2	Cup, Bearing - Inner	
6B	7020038	2	Cup, Bearing - Outer	
6C	7020041	9	Stud, Wheel	
7	7020037	1	Cone, Bearing - Inner	
8	7020040	1	Seal	
9	70005649	1	Spindle Assembly	
10	0961951	2	Bushing	
11	0962292	1	Bearing	

SECTION 1 - FRAME

FIGURE 1-14. NON-DRIVE HUB ASSEMBLY - RH (2WD FRONT)



ART_2780245

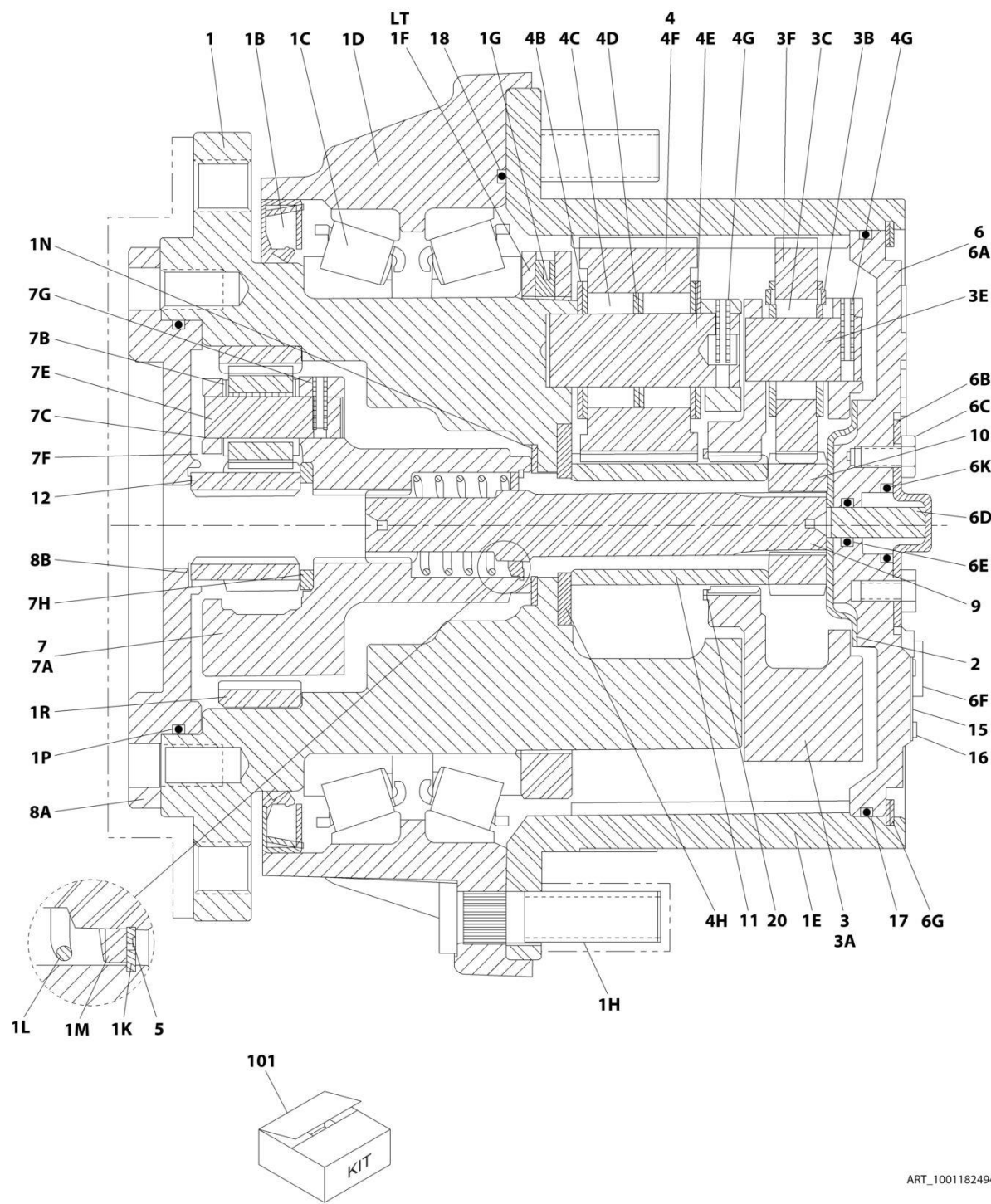
SECTION 1 - FRAME

FIGURE 1-14. NON-DRIVE HUB ASSEMBLY - RH (2WD FRONT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2780245	Ref	HUB ASSEMBLY - RH	C
1	7020137	1	Cap, Dust	
2	7020054	1	Nut, Castle	
3	7020140	1	Pin, Cotter	
4	7020055	1	Washer, Spindle	
5	7020039	1	Cone, Bearing - Outer	
6	7020035	1	Hub	
6A	7020036	1	Cup, Bearing - Inner	
6B	7020038	1	Cup, Bearing - Outer	
6C	7020041	9	Stud, Wheel	
7	7020037	1	Cone, Bearing - Inner	
8	7020040	1	Seal	
9	7020251	1	Spindle Assembly	
10	0961951	2	Bushing	
11	0962292	1	Bearing	

SECTION 1 - FRAME

FIGURE 1-15. DRIVE HUB ASSEMBLY (REAR)



ART_1001182494

SECTION 1 - FRAME

FIGURE 1-15. DRIVE HUB ASSEMBLY (REAR)

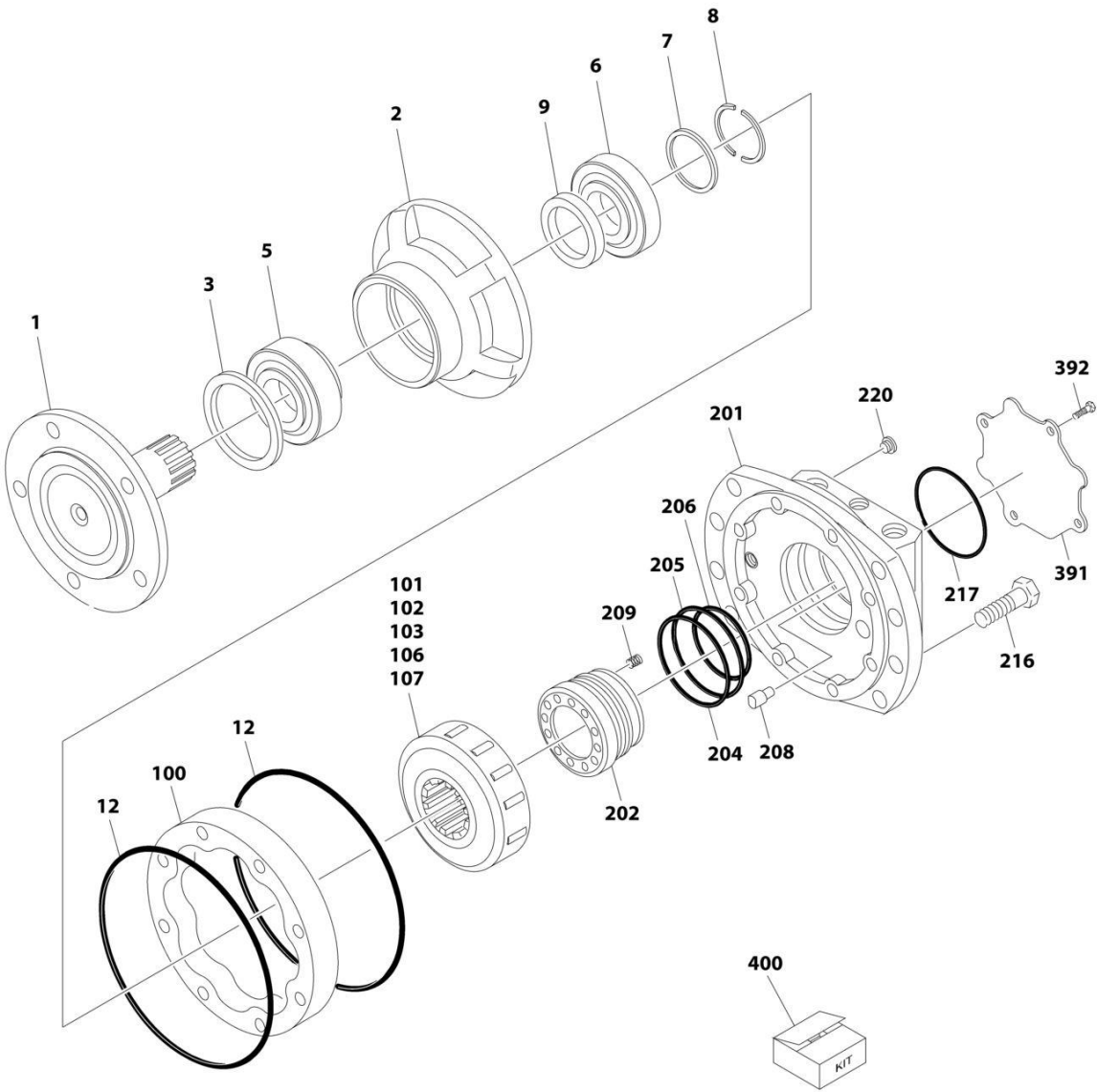
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182494	Ref	DRIVE HUB ASSEMBLY (REAR)	E
1	70005610	1	Spindle, Sub Assembly	
1B	70001119	1	Seal, Lip	
1C	7024735	2	Bearing, Tapered	
1D	See Note	NSS	Housing (Note: Not Available for Purchase)	
1E	7024730	1	Gear, Ring	
1F	70003000	1	Nut, Bearing	
1G	70002996	2	Screw	
1H	7007640	9	Stud	
1K	70005613	1	Ring, Retaining (Internal)	
1L	7024124	1	Spring	
1M	7024129	1	Thrustwasher	
1N	7001922	1	Thrustwasher	
1P	70005614	1	O-Ring	
1R	See Note	NSS	Gear, Ring Blank (Note: Not Available for Purchase)	
2	7024741	1	Spacer, Thrust	
3	70005604	1	Carrier, Sub Assembly	
3A	See Note	NSS	Carrier (Note: Not Available for Purchase)	
3B	7024127	6	Thrustwasher	
3C	7024733	42	Bearing, Needle	
3E	7024724	3	Shaft, Planet	
3F	See Note	NSS	Gear, Planet (Note: Not Available for Purchase)	
4	70002983	1	Planet Gear Sub Assembly	
4B	7024740	12	Thrustwasher	
4C	7024734	84	Bearing, Needle	
4D	7024736	3	Spacer, Thrust	
4E	7024726	3	Shaft, Planet	
4F	70002983	1	Gear, Planet	
4G	7001913	3	Pin, Roll	
4H	7024742	1	Thrustwasher	
4F	See Note	NSS	Gear, Planet (Note: Not Available for Purchase)	
5	7017027	1	Ring, Retaining (External)	
6	70001368	1	Cover Gear Sub Assembly	
6A	See Note	NSS	Flange, Plate/Cover (Note: Use Item 6)	
6B	7017093	1	Cap, Disengage	
6C	7000216	2	Bolt 1/4 x 1/2	
6D	7024739	1	Pin, Dowel	
6E	7017095	1	O-Ring	
6F	7017072	2	Plug	
6G	7024738	1	Ring, Retaining (Internal)	
6K	See Note	NSS	O-Ring (Note: Not Available for Purchase)	
7	70005605	1	Carrier, Sub Assembly	
7A	See Note	NSS	Carrier (Note: Not Available for Purchase)	
7B	See Note	NSS	Thrustwasher	
7C	See Note	NSS	Bushing (Note: Not Available for Purchase)	
7E	See Note	NSS	Shaft, Planet (Note: Not Available for Purchase)	
7F	See Note	NSS	Gear, Planet (Note: Not Available for Purchase)	
7G	7010474	3	Pin, Roll	
7H	7017020	1	Thrustwasher	
8A	70005611	1	Adapter, Mounting	

SECTION 1 - FRAME

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
8B	7007642	1	Thrustwasher	
9	70005606	1	Shaft, Input	
10	70005607	1	Gear, Sun	
11	70005609	1	Gear, Sun	
12	70005608	1	Gear, Sun	
15	See Note	NSS	Plate, ID (Note: Not Available for Purchase)	
16	See Note	NSS	Rivet (Note: Not Available for Purchase)	
17	7024134	1	O-Ring	
18	70002997	1	O-Ring	
19	7017022	5	Bolt (Not Shown)	
20	70005612	1	Ring, Retaining (External)	
101	7024744	1	Seal Kit (Includes Items 1B, 1F, 1G, 17, 18 & 19)	

SECTION 1 - FRAME

FIGURE 1-16. DRIVE MOTOR ASSEMBLY (4WD FRONT)



ART_1001228232

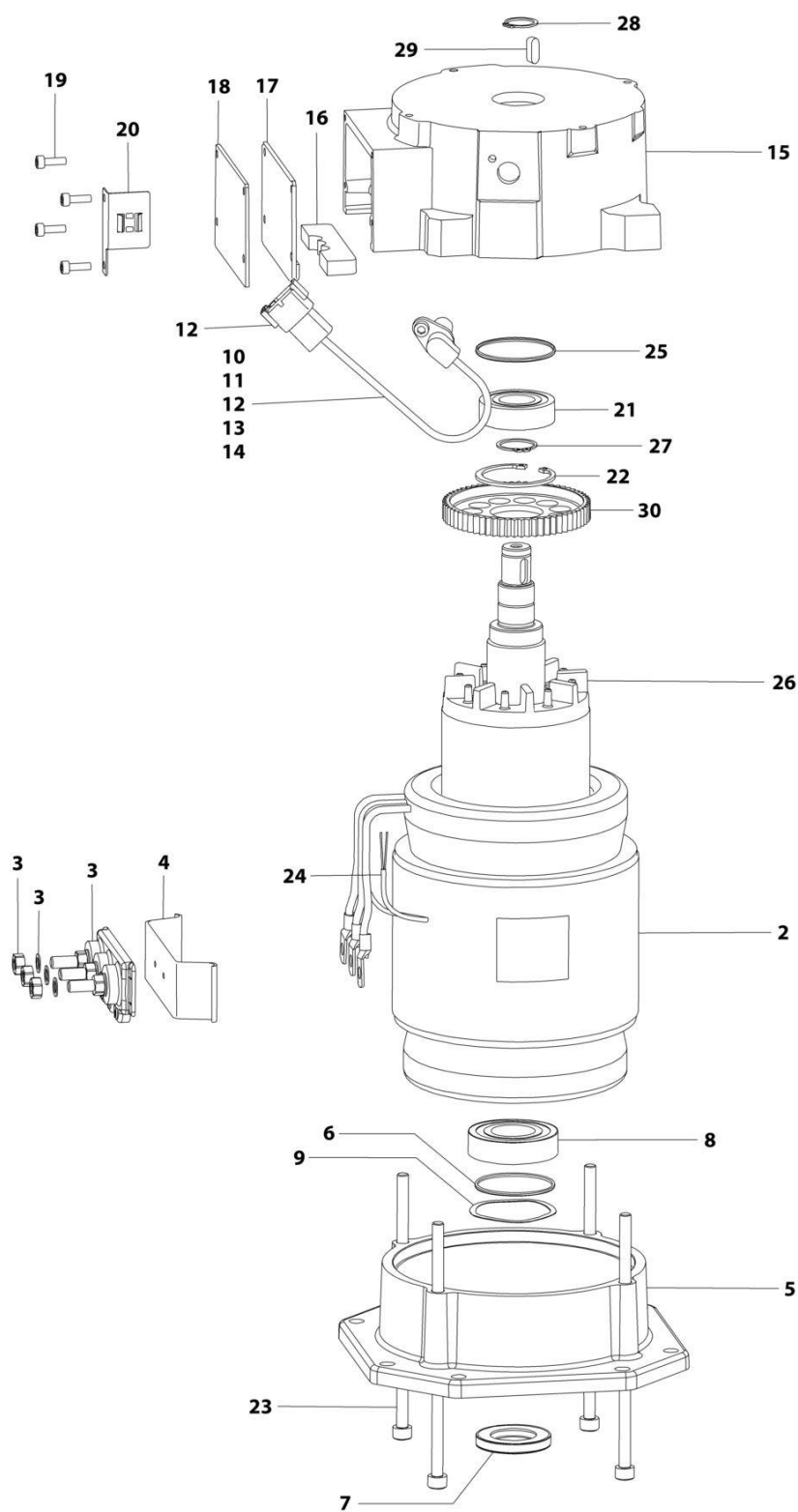
SECTION 1 - FRAME

FIGURE 1-16. DRIVE MOTOR ASSEMBLY (4WD FRONT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228232	Ref	DRIVE MOTOR ASSEMBLY (4WD FRONT)	A
1	7022586	1	Shaft	
2	See Note	NSS	Casting, Front (Note: Use p/n 1001228232)	
3	See Note	NSS	Seal, Face (Note: Use Item 400)	
5	7022587	1	Bearing, Front	
6	7022588	1	Bearing, Rear	
7	70006747	1	Washer	
8	7022589	1	Ring, Split	
9	See Note	NSS	Seal, Shaft (Note: Use Item 400)	
12	See Note	NSS	Seal, Square (Note: Use Item 400)	
100	7023870	1	Cam	
101	70006763	1	Block, Cylinder	
102	70006752	1	Piston	
103	70006753	8	Roller	
106	70006756	2	Clip	
107	70006757	2	Ring, Retaining	
201	See Note	NSS	Housing, Rear (Note: Use p/n 1001228232)	
202	7023871	1	Ring, Distributor	
204	See Note	NSS	Seal (Note: Use Item 400)	
205	See Note	NSS	Seal (Note: Use Item 400)	
206	See Note	NSS	Seal (Note: Use Item 400)	
208	70006759	1	Pin, Dowel	
209	7023872	9	Spring	
216	70001091	6	Screw, Cap	
217	See Note	NSS	Seal, Square (Note: Use Item 400)	
220	7022591	1	Plug	
391	See Note	NSS	Plate, Rear Cover (Note: Use p/n 1001228232)	
392	70002264	4	Screw, Cap	
400	70006762	1	Seal Kit (Includes Items 3, 9, 12, 204-206 & 217)	

SECTION 1 - FRAME

FIGURE 1-17. DRIVE MOTOR ASSEMBLY (REAR)



ART_1001184206

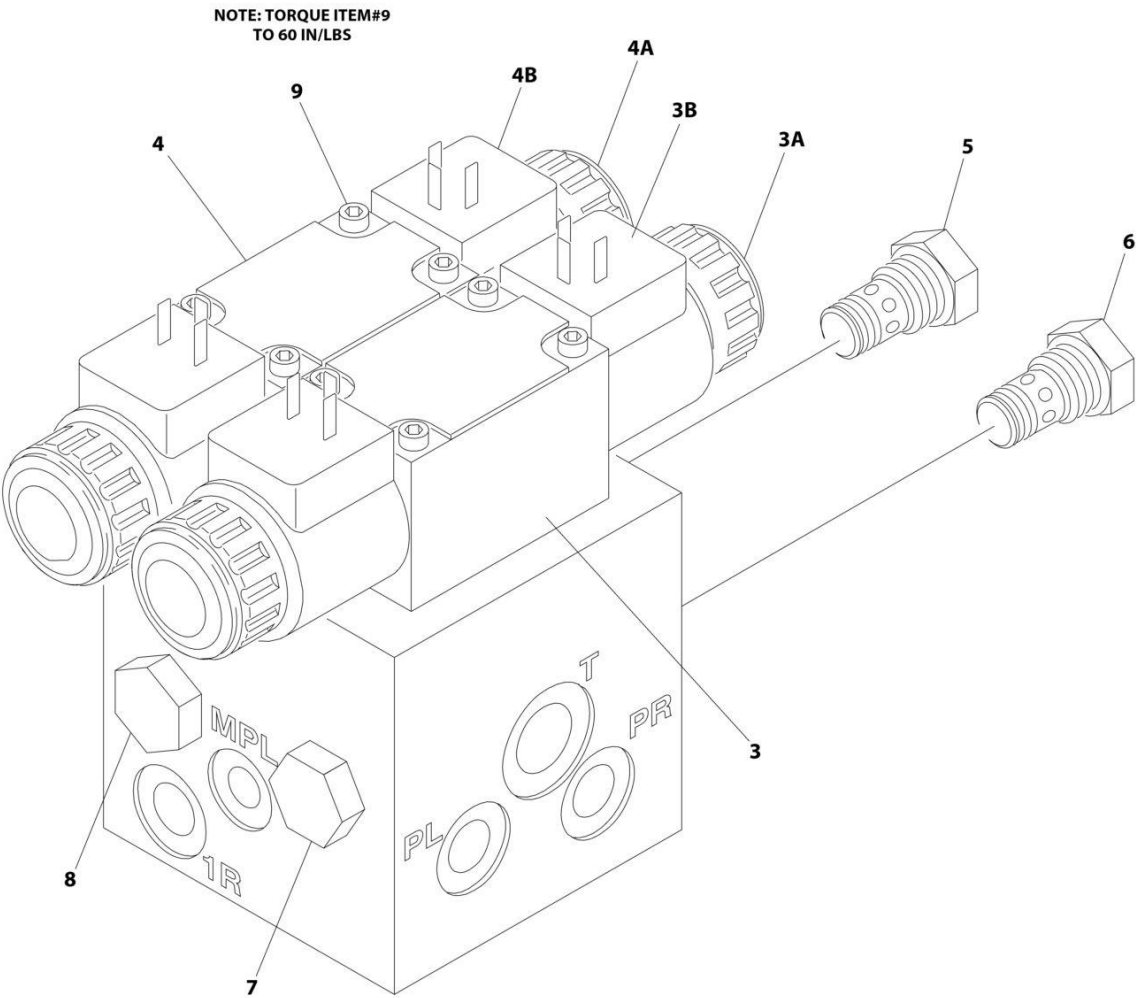
SECTION 1 - FRAME

FIGURE 1-17. DRIVE MOTOR ASSEMBLY (REAR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184206	Ref	DRIVE MOTOR ASSEMBLY	F
2	70005385	1	Stator	
3	70005685	1	Board, Terminal	
3	70005387	3	Nut M8	
3	70005388	3	Washer M8	
3	70005390	2	Screw M5 x 14	
4	70005389	1	Base, Terminal	
5	70005391	1	Plate, Drive End	
6	70004811	1	O-Ring	
7	70005392	1	Seal, Shaft	
8	70004809	1	Bearing	
9	70005393	1	Washer, Wavy	
10	70005394	1	Sensor (Includes Items 11-14)	
11	70005395	1	Screw M8 x 16	
12	70005397	1	Connector	
13	70005396	1	Wedge	
14	4460516	4	Pin, Male	
15	70005686	1	Shield, End	
16	70005687	1	Seal	
17	70005400	1	Seal	
18	70005401	1	Cover	
19	70005402	4	Screw M5 x 16	
20	70005403	1	Plate, Retaining	
21	70005404	1	Bearing	
22	70005405	1	Clip, Retainer	
23	70005406	4	Screw M8 x 180	
24	70005407	1	Temperature, Sensor	
25	70005408	1	O-Ring	
26	70005688	1	Rotor	
27	70004820	1	Clip, Retainer	
28	70005410	1	Clip, Retainer	
29	70005689	1	Key	
30	70005412	1	Gear	

SECTION 1 - FRAME

FIGURE 1-18. DRIVE VALVE ASSEMBLY (4WD ONLY)



ART_1001092586

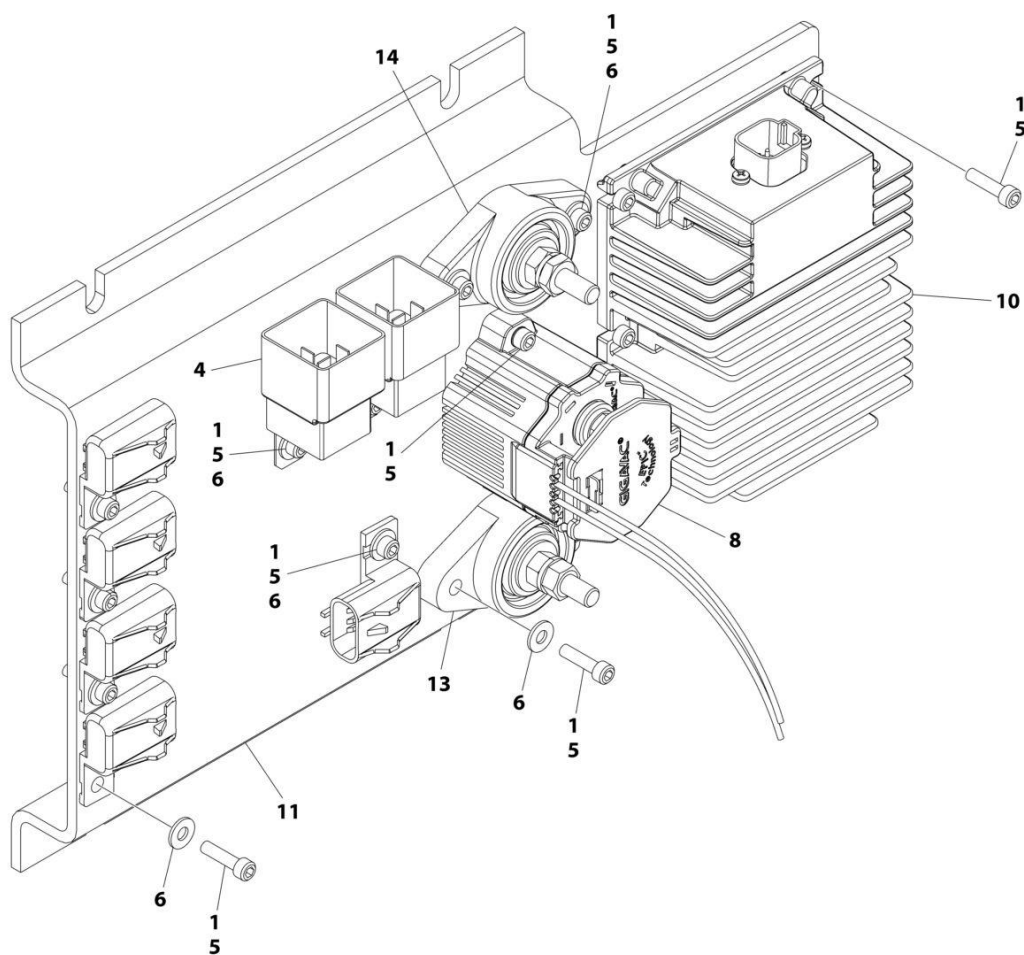
SECTION 1 - FRAME

FIGURE 1-18. DRIVE VALVE ASSEMBLY (4WD ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001092586	Ref	DRIVE VALVE ASSEMBLY	B
3	70001422	1	Control Valve Assembly	
3	7012773	1	Seal Kit - 70001422 Valve	
3A	7021375	1	Nut, Coil	
3B	70002947	1	Coil	
4	70001422	1	Control Valve Assembly	
4	7012773	1	Seal Kit - 70001422 Valve	
4A	7021375	1	Nut, Coil	
4B	70002947	1	Coil	
5	7012969	1	Cartridge, Check	
5	7012540	1	Seal Kit - 7012969 Valve	
6	7012969	1	Cartridge, Check	
6	7012540	1	Seal Kit - 7012969 Valve	
7	7012969	1	Cartridge, Check	
7	7012540	1	Seal Kit - 7012969 Valve	
8	7012969	1	Cartridge, Check	
8	7012540	1	Seal Kit - 7012969 Valve	
9	7018942	8	Capscrew #10 x 2	

SECTION 1 - FRAME

FIGURE 1-19. AC DRIVE ELECTRICAL PLATE ASSEMBLY (NON UL SPECS)



ART_1001180654

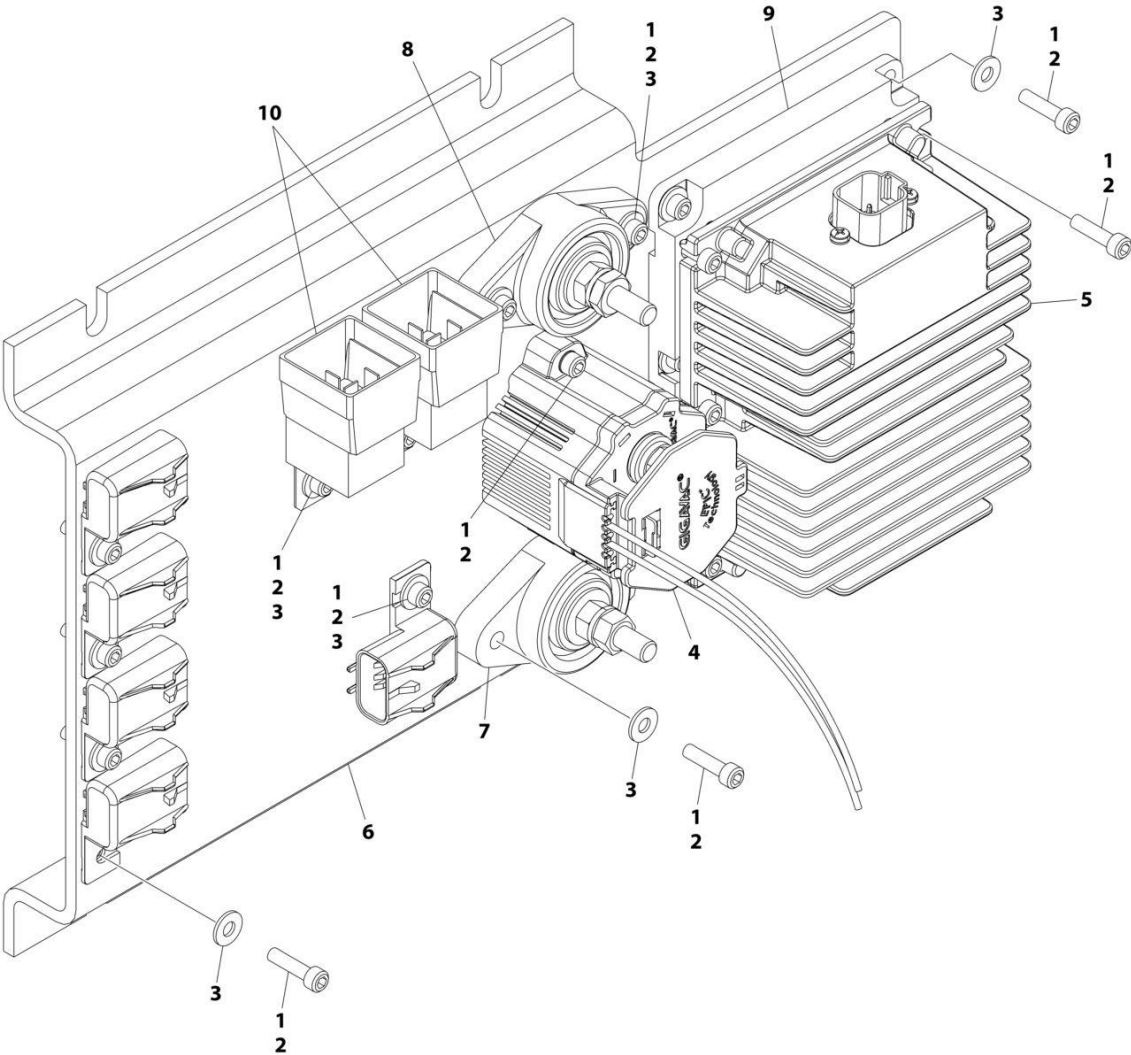
SECTION 1 - FRAME

FIGURE 1-19. AC DRIVE ELECTRICAL PLATE ASSEMBLY (NON UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180654	Ref	AC DRIVE ELECTRICAL PLATE ASSEMBLY (NON UL SPECS)	C
1	0100035	AR	Compound, Locking	
4	3740080	2	Relay	
5	3931012	19	Capscrew #10 x 3/4	
6	4711000	11	Washer #10	
8	1001170367	1	Relay	
10	1001174447	1	Converter	
11	1001180653	1	Plate, Mounting	
13	1001186860	1	Stud, Power Distribution	
14	1001212359	1	Stud, Power Distribution (Red)	

SECTION 1 - FRAME

FIGURE 1-20. AC DRIVE ELECTRICAL PLATE ASSEMBLY (UL SPECS)



ART_1001214669

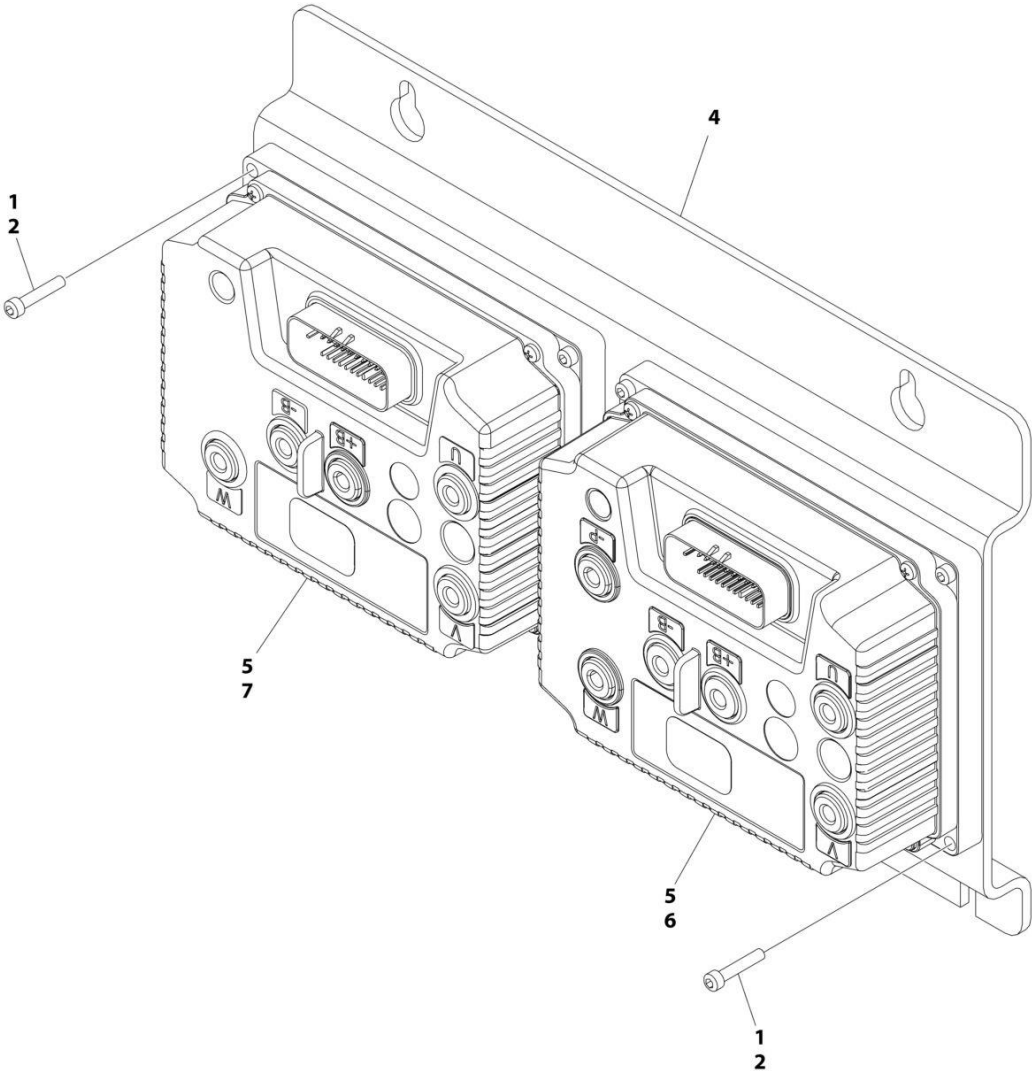
SECTION 1 - FRAME

FIGURE 1-20. AC DRIVE ELECTRICAL PLATE ASSEMBLY (UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214669	Ref	AC DRIVE ELECTRICAL PLATE ASSEMBLY (UL SPECS)	B
1	0100035	AR	Compound, Locking	
2	3931012	25	Capscrew #10 x 3/4	
3	4711000	17	Washer #10	
4	1001170367	1	Relay, 300Amp	
4	1001272006	1	Relay, 350Amp	
5	1001174447	1	Converter	
6	1001180653	1	Plate, Mounting	
7	1001186860	1	Stud, Power Distribution	
8	1001212359	1	Stud, Power Distribution (Red)	
9	1001212450	1	Insulate, Converter	
10	1001214667	2	Relay	

SECTION 1 - FRAME

FIGURE 1-21. DRIVE MODULE PLATE ASSEMBLY



ART_1001180780

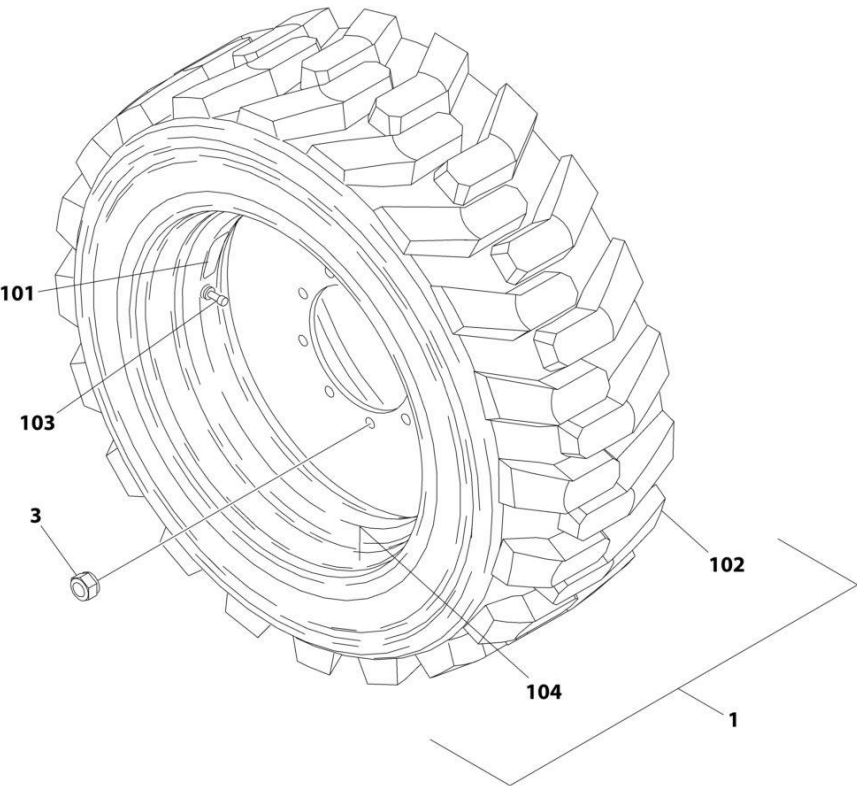
SECTION 1 - FRAME

FIGURE 1-21. DRIVE MODULE PLATE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180780	Ref	DRIVE MODULE PLATE ASSEMBLY	C
1	0100035	AR	Compound, Locking	
2	3931016	8	Capscrew #10 x 1	
4	1001180779	1	Plate, Mounting	
5	0100083	AR	Grease	
6	1001178339	1	Module, Drive	
7	1001192212	1	Module, Drive	

SECTION 1 - FRAME

FIGURE 1-22. TIRE AND WHEEL INSTALLATION - 36/14LL X 22.5 FOAM-FILLED NON-MARKING



ART_0272694

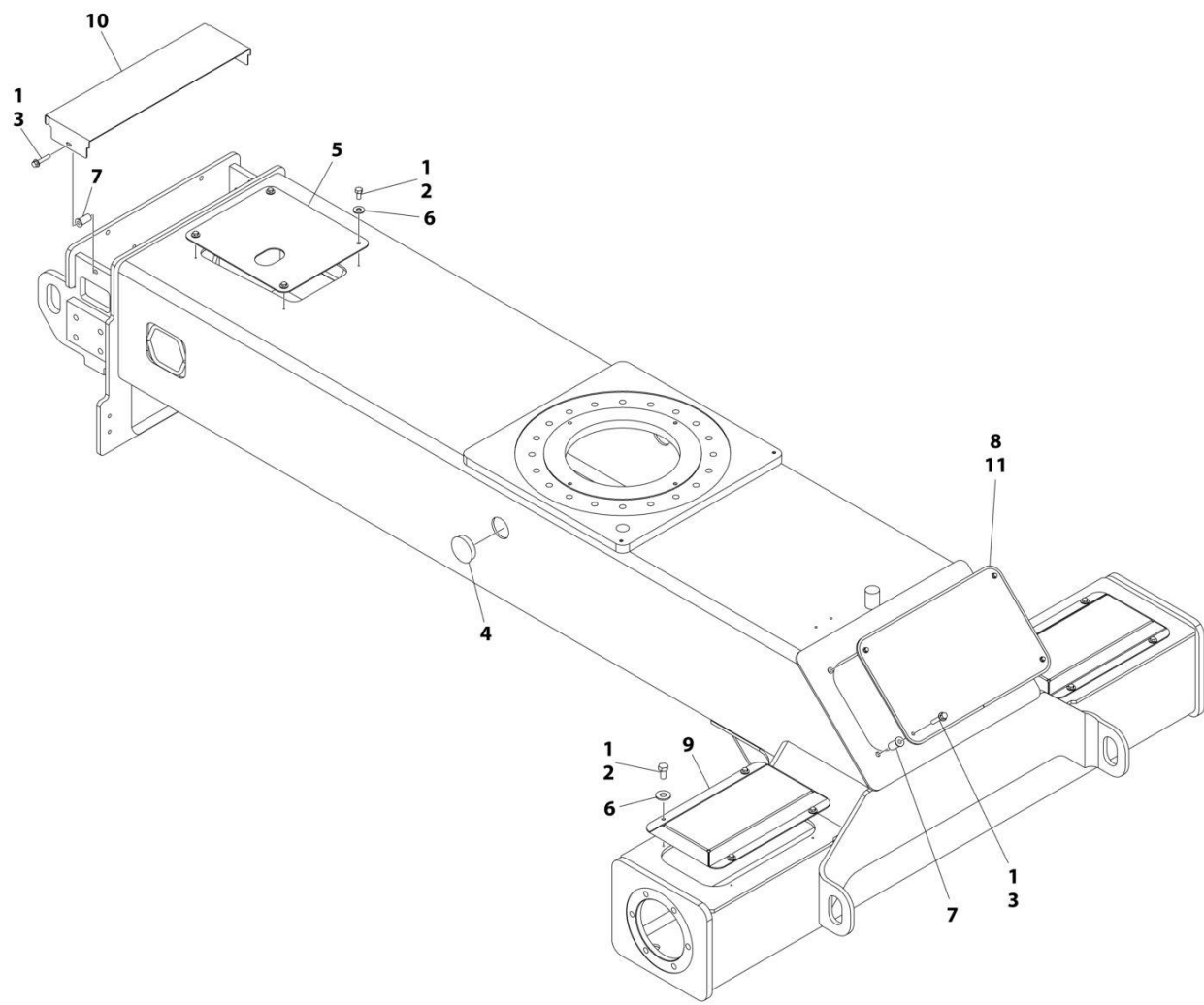
SECTION 1 - FRAME

FIGURE 1-22. TIRE AND WHEEL INSTALLATION - 36/14LL X 22.5 FOAM-FILLED NON-MARKING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272694	Ref	TIRE AND WHEEL INSTALLATION - 36/14LL X 22.5 FOAM-FILLED NON-MARKING	B
		Ref	Note: Assemblies may require ballast/foam filling to manufacturer's specifications prior to installing on a machine. Refer to Operation and Safety or Service and Maintenance Manuals. Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly.	
1	0272692	2	36/14LL x 22.5 Foam-Filled Non-Marking (Right Side)	E
1	0272693	2	36/14LL x 22.5 Foam-Filled Non-Marking (Left Side)	E
3	3300426	36	Nut 5/8	
101	1702698	1	Decal - 55PSI/4BAR (Pneumatic Only)	
102	4520264	1	Tire, Replacement (36/14LL x 22.5)	
103	4641122	1	Valve, Air	
104	4860212	1	Rim, Wheel	

SECTION 1 - FRAME

FIGURE 1-23. FRAME SHIELDS INSTALLATION



ART_1001181065

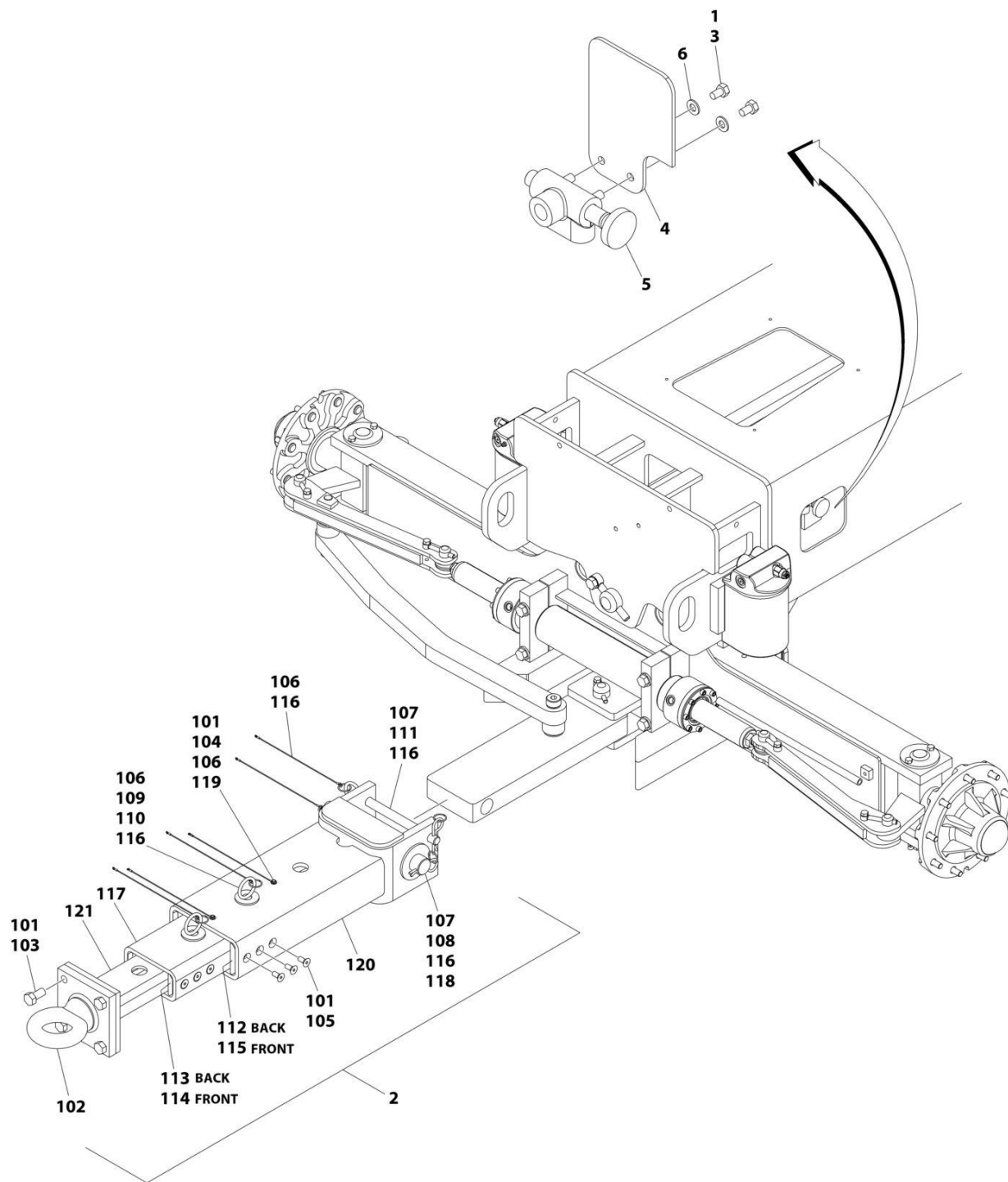
SECTION 1 - FRAME

FIGURE 1-23. FRAME SHIELDS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181065	Ref	FRAME SHIELDS INSTALLATION	C
1	0100011	AR	Compound, Locking	
2	0641505	12	Bolt 5/16 x 5/8	
3	0791410	8	Screw 1/4 x 1-1/4	
4	3520064	2	Plug	
5	1001194312	1	Cover, Front Frame	
6	4751500	12	Washer 5/16	
7	8580420	8	Nut, Well	
8	1001172293	1	Cover, Rear Frame	
9	1001180652	2	Cover, Axle	
10	1001181924	1	Cover, Front Frame	
11	4060804	5.5 ft/ 1.7m	Flex-Trim	

SECTION 1 - FRAME

FIGURE 1-24. TOW PACKAGE INSTALLATION WITHOUT NATO EYE



ART_0270527

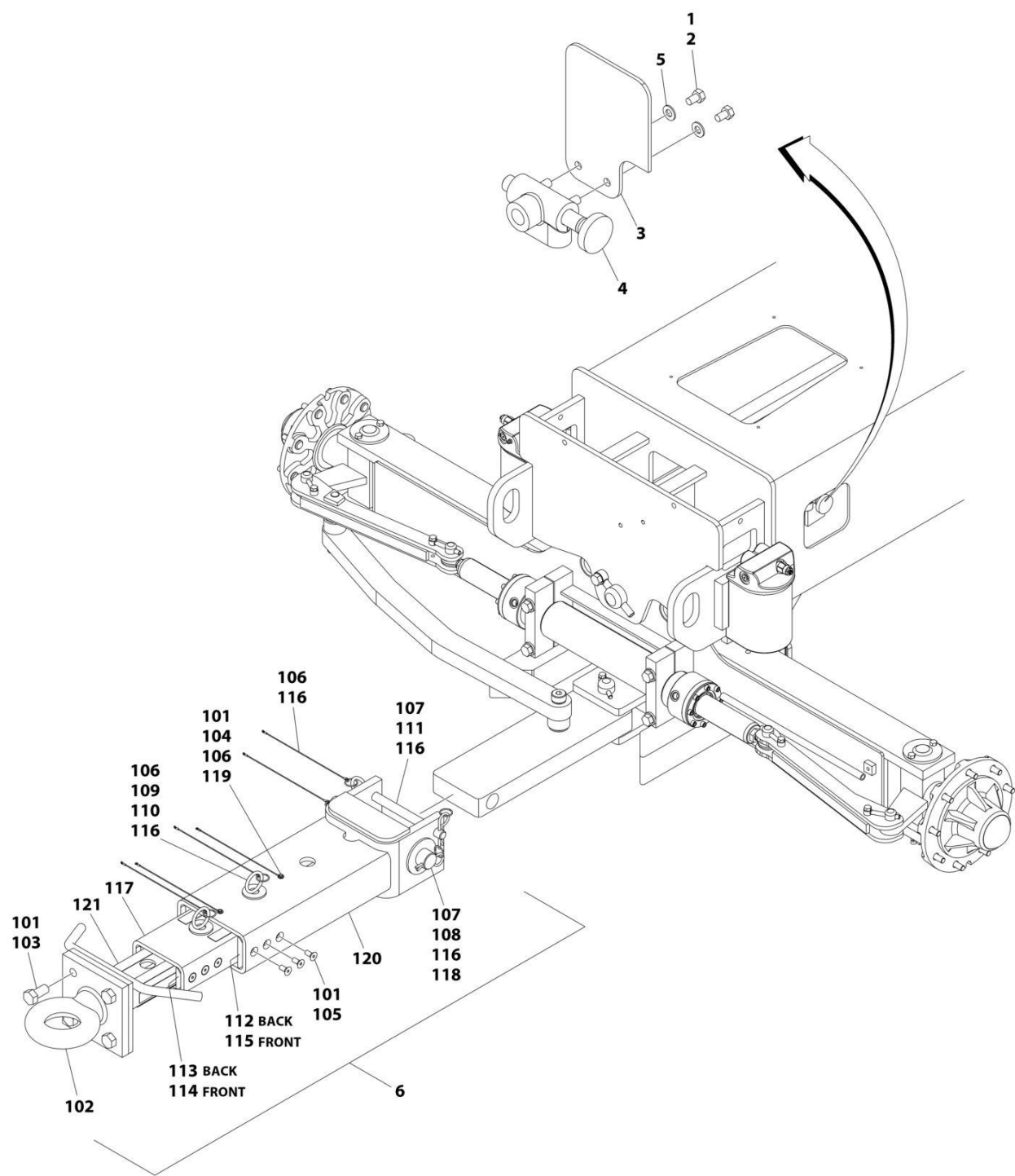
SECTION 1 - FRAME

FIGURE 1-24. TOW PACKAGE INSTALLATION WITHOUT NATO EYE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270527	Ref	TOW PACKAGE INSTALLATION WITHOUT NATO EYE	C
1	0100011	AR	Compound, Locking	
2	0270528	1	Tow Bar Assembly (See Items 101-121 for Breakdown)	
3	0641504	2	Bolt 5/16 x 1/2	
4	3572506	1	Plate, Valve Mounting	
5	4640261	1	Valve, Tow	
6	4711500	2	Washer 5/16	
	0270528	Ref	TOW BAR ASSEMBLY	B
101	0100011	AR	Compound, Locking	
102	0362910	1	Hook, Pintle Eye	
103	0642010	4	Bolt 5/8 x 1-1/4	
104	0721004	2	Screw	
105	0741607	24	Screw 3/8 x 7/8	
106	1060584	6	Lanyard	
107	3420372	2	Pin, Cotter	
108	3420447	1	Pin, Towing	
109	3421565	2	Pin, Snap	
110	3422841	2	Pin	
111	3422847	1	Pin	
112	3572009	2	Plate, Slide Stop	
113	3572010	2	Plate, Slide Stop	
114	3572011	2	Plate, Slide Stop	
115	3572012	2	Plate, Slide Stop	
116	3760170	8	Ring, Split	
117	4568133	1	Tow Bar - Middle	
118	4740036	1	Washer	
119	4751000	2	Washer #10	
120	4846295	1	Tow Bar - Outer	
121	4846296	1	Tow Bar - Inner	

SECTION 1 - FRAME

FIGURE 1-25. TOW PACKAGE INSTALLATION WITH NATO EYE



ART_1001191471

SECTION 1 - FRAME

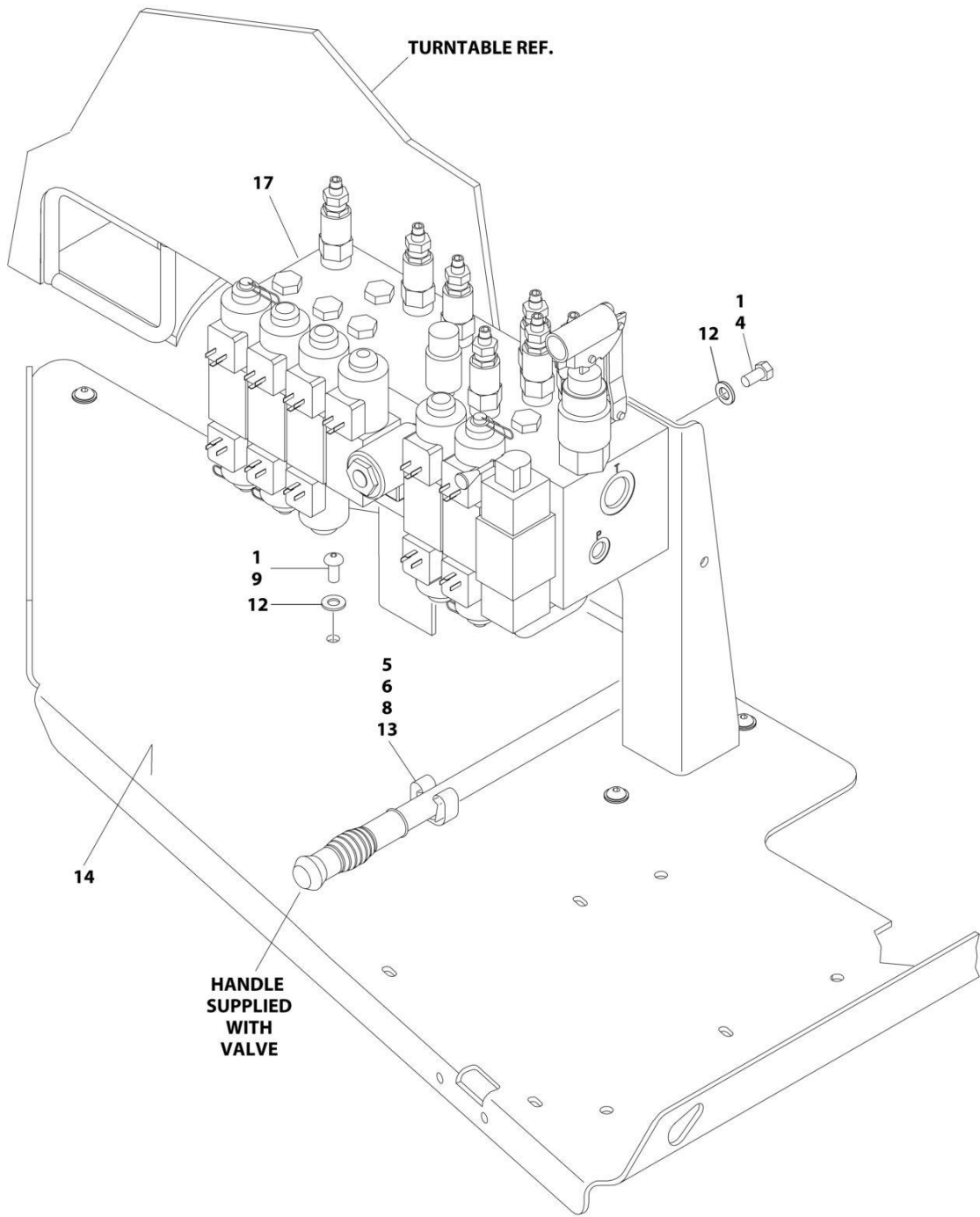
FIGURE 1-25. TOW PACKAGE INSTALLATION WITH NATO EYE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191471	Ref	TOW PACKAGE INSTALLATION WITH NATO EYE	B
1	0100011	AR	Compound, Locking	
2	0641504	2	Bolt 5/16 x 1/2	
3	3572506	1	Plate, Valve Mounting	
4	4640261	1	Valve, Tow	
5	4711500	2	Washer 5/16	
6	1001191469	1	Tow Bar Assembly (See Items 101-121 for Breakdown)	
	1001191469	Ref	TOW BAR ASSEMBLY	A
101	0100011	AR	Compound, Locking	
102	1001191463	1	Eye-Hook, Pintle	
103	0682212	4	Bolt 3/4 x 1-1/2	
104	0721004	2	Screw	
105	0741607	24	Screw 3/8 x 7/8	
106	1060584	6	Lanyard	
107	3420372	2	Pin, Cotter	
108	3420447	1	Pin, Towing	
109	3421565	2	Pin, Snap	
110	3422841	2	Pin	
111	3422847	1	Pin	
112	3572009	2	Plate, Slide Stop	
113	3572010	2	Plate, Slide Stop	
114	3572011	2	Plate, Slide Stop	
115	3572012	2	Plate, Slide Stop	
116	3760170	8	Ring, Split	
117	4568133	1	Tow Bar - Middle	
118	4740036	1	Washer	
119	4751000	2	Washer #10	
120	1001191489	1	Tow Bar - Outer	
121	1001191493	1	Tow Bar - Inner	

SECTION 2 - TURNTABLE

SECTION 2 - TURNTABLE

FIGURE 2-1. MAIN CONTROL INSTALLATION - EC600SJ & H600SJ



ART_1001250318_10F2

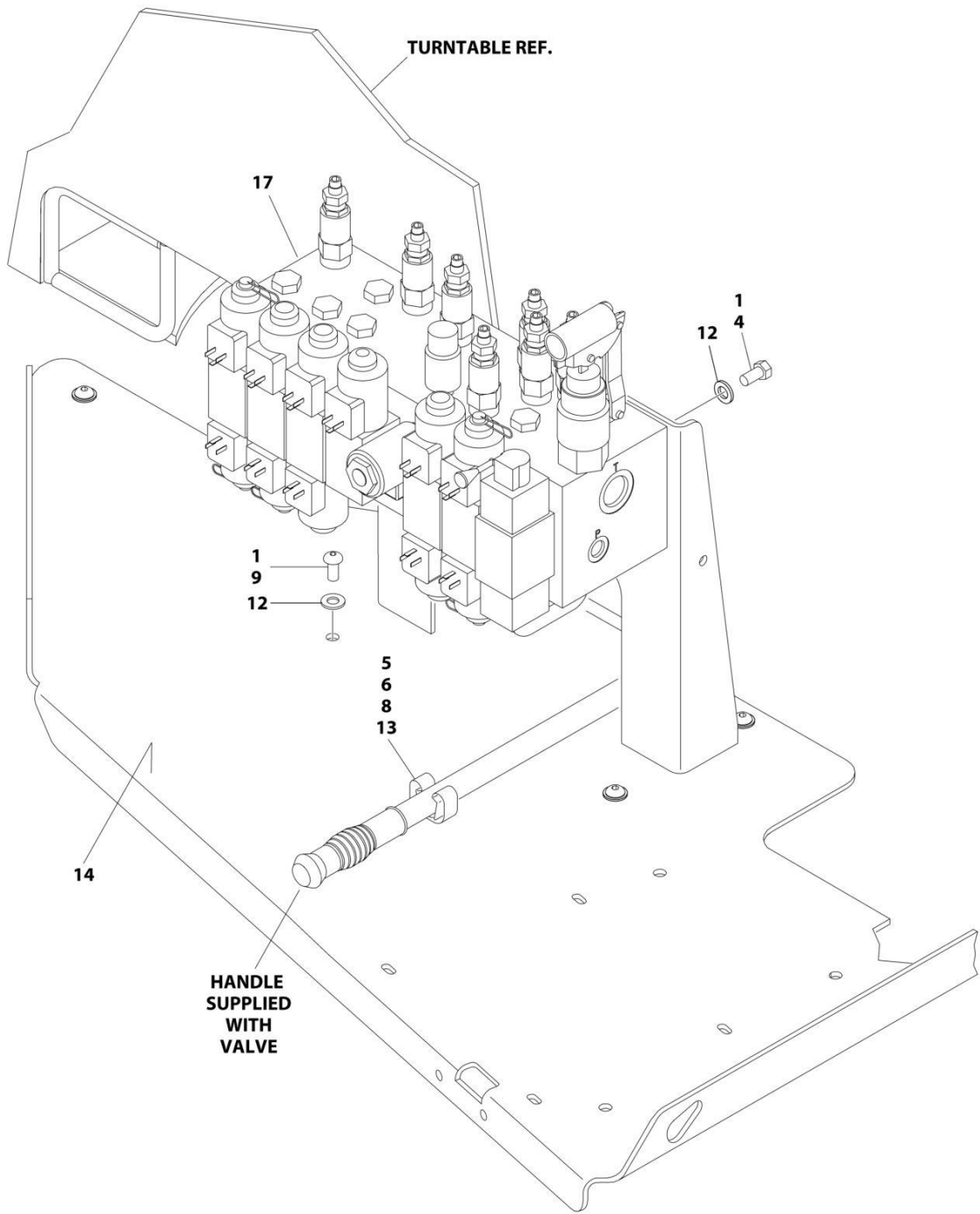
SECTION 2 - TURNTABLE

FIGURE 2-1. MAIN CONTROL INSTALLATION - EC600SJ & H600SJ

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250318	Ref	MAIN VALVE INSTALLATION	B
1	0100011	AR	Compound, Locking	
4	0641606	4	Bolt 3/8 x 3/4	
5	0741005	2	Bolt #10 x 5/8	
6	1380136	2	Clip	
8	3311005	2	Nut #10	
9	3900283	7	Screw	
12	4711600	11	Washer 3/8	
13	4751000	4	Washer #10	
14	4846183	1	Tray	
17	1001219391	1	Main Control Valve Assembly (See Separate Breakdown in this Section)	

SECTION 2 - TURNTABLE

FIGURE 2-2. MAIN CONTROL INSTALLATION - EC600SJP & H600SJP



ART_1001250319_10F2

SECTION 2 - TURNTABLE

FIGURE 2-2. MAIN CONTROL INSTALLATION - EC600SJP & H600SJP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250319	Ref	MAIN VALVE INSTALLATION	B
1	0100011	AR	Compound, Locking	
4	0641606	4	Bolt 3/8 x 3/4	
5	0741005	2	Bolt #10 x 5/8	
6	1380136	2	Clip	
8	3311005	2	Nut #10	
9	3900283	7	Screw	
12	4711600	11	Washer 3/8	
13	4751000	4	Washer #10	
14	4846183	1	Tray	
17	1001219391	1	Main Control Valve Assembly (See Separate Breakdown in this Section)	

74

EC600_H600



SECTION 2 - TURNTABLE

FIGURE 2-3. MAIN CONTROL VALVE ASSEMBLY

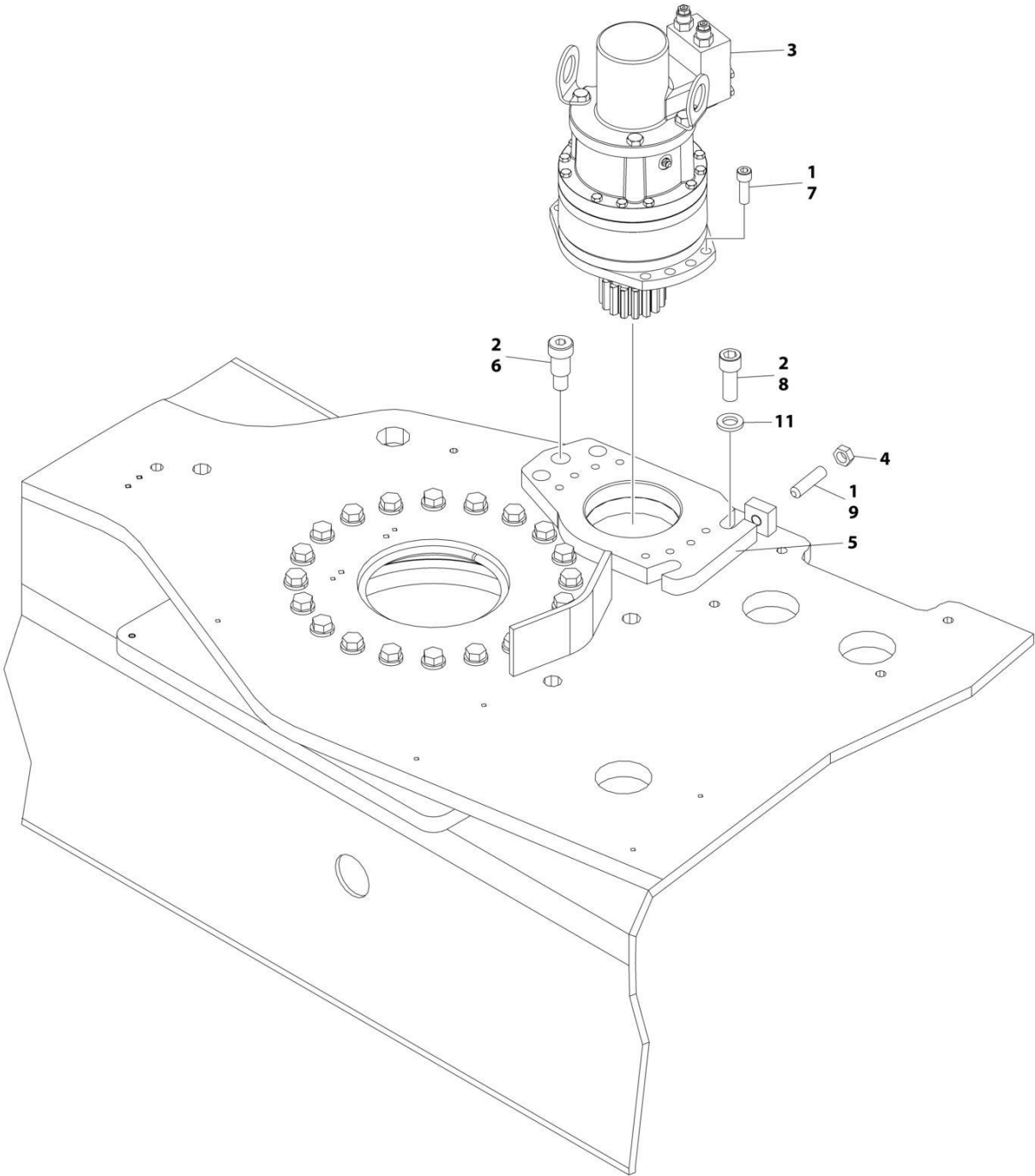
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219391	Ref	MAIN CONTROL VALVE ASSEMBLY	D
11	70003019	6	Cartridge, Relief	
11	70004052	6	Seal Kit - 70003019 Valve	
17	7021619	1	Cartridge, Pressure Switch (Brake)	
18	70007284	1	Cartridge without Coil (Brake)	
18	70007285	1	Coil	
19	70004585	3	Cartridge, Valve	
20	70001440	1	Control Valve Assembly (Telescope)	
20	7012773	1	Seal Kit	
20	70003525	1	Nut	
20	70003526	1	Lanyard	
20	7021375	1	Nut	
20	7018943	2	O-Ring between Nut & Coil	
20	70002947	2	Coil	
20	7018945	4	Seal between Valve and Block	
21	70023859	3	Valve, Shuttle	
22	70001342	1	Control Valve Assembly (Steer)	
22	7012773	1	Seal Kit	
22	7021375	1	Nut	
22	7018943	2	O-Ring between Nut & Coil	
22	70002947	2	Coil	
22	7018945	4	Seal between Valve and Block	
13	7022521	1	Control Valve Assembly (Flow Control)	
23	7012773	1	Seal Kit	
23	7021375	1	Nut	
23	7018943	1	O-Ring between Nut & Coil	
23	7018991	2	Coil	
23	7018945	4	Seal between Valve and Block	
24	7024991	1	Control Valve Assembly (Lift)	
24	7012773	1	Seal Kit	
24	7021375	2	Nut	
24	7018943	2	O-Ring between Nut & Coil	
24	7018991	2	Coil	
24	7018945	4	Seal between Valve and Block	
25	70005374	1	Control Valve Assembly (Swing)	
25	70003526	2	Lanyard	
25	70003525	2	Nut	
25	70004461	2	O-Ring between Nut & Coil	
25	7018991	2	Coil	
25	7018945	4	Seal between Valve and Block	
26	7024022	1	Control Valve Assembly (Manual Descent)	
26	7024024	1	Seal Kit	
26	7024023	1	Handle and Actuator End	
27	70007286	1	Pump Assembly	
27A	70007287	1	Handle with Grip	
28	70000435	1	Hose	
29	7018904	1	Fitting, Elbow	
30	70005952	1	Cartridge, Check	
31	70005951	1	Cartridge, Check	
32	7018900	1	Orifice	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
33	70007288	1	Control Valve Assembly (Jib)	
33	70003526	2	Lanyard	
33	70003525	2	Nut	
33	70004461	2	O-Ring between Nut & Coil	
33	70002947	2	Coil	
33	7018945	4	Seal between Valve and Block	
34	70003021	1	Cartridge, Valve	
34	70004052	1	Seal Kit - 70003021 Valve	
35	70003019	1	Cartridge, Relief	
35	70004052	1	Seal Kit - 70003019 Valve	
36	70005952	2	Cartridge, Check	
802	7018942	28	Capscrew #10 x 2	

SECTION 2 - TURNTABLE

FIGURE 2-4. SWING DRIVE INSTALLATION



ART_0270752

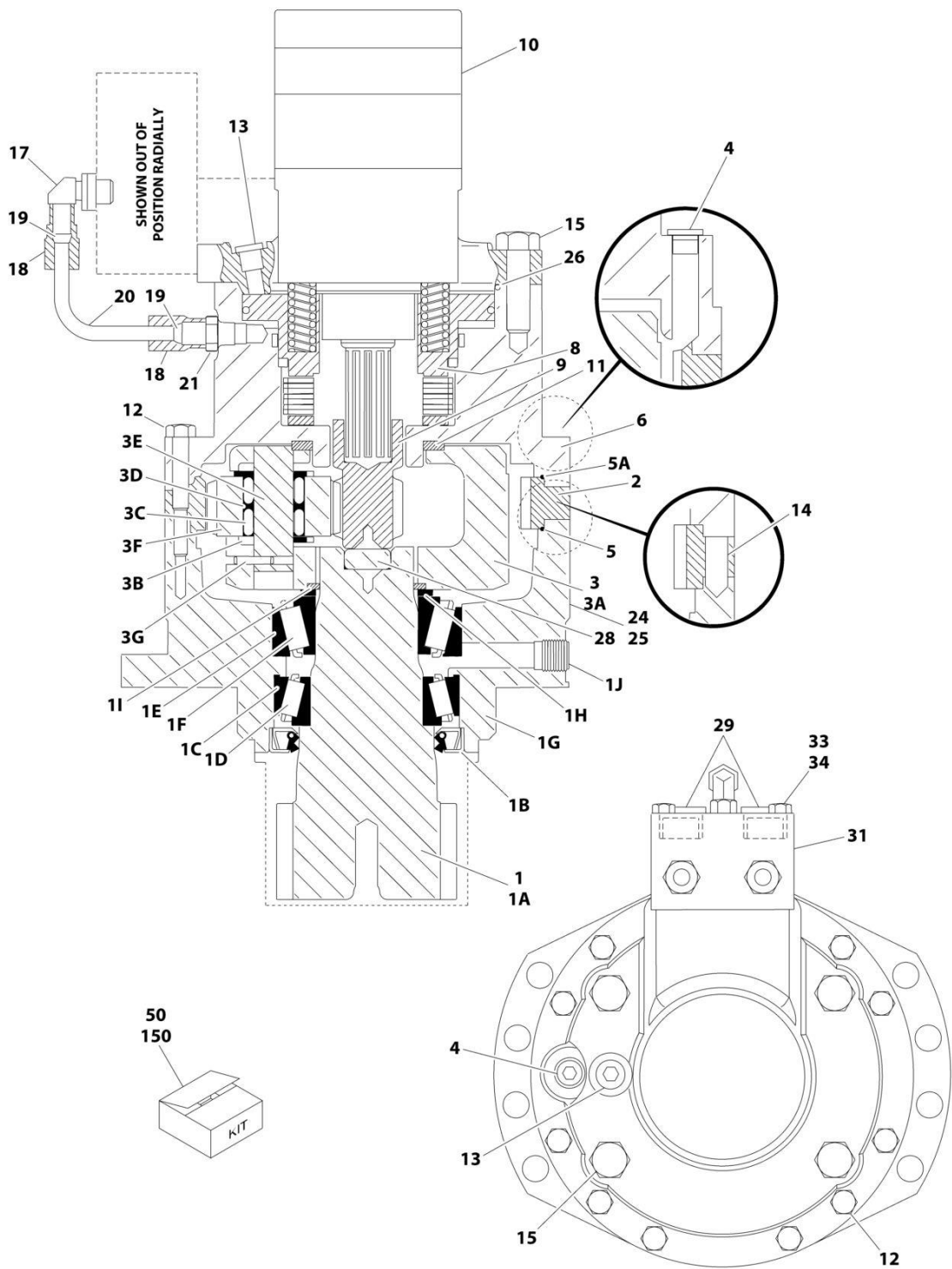
SECTION 2 - TURNTABLE

FIGURE 2-4. SWING DRIVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270752	Ref	SWING DRIVE INSTALLATION	C
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	3160257	1	Swing Motor Assembly (See Separate Breakdown in this Section)	
4	3312002	1	Nut 5/8	
5	3572628	1	Plate, Mounting	
6	3900293	1	Screw, Shoulder	
7	3931824	8	Capscrew 1/2 x 1-1/2 Grade 8	
8	3932232	4	Bolt 3/4 x 2 Grade 8	
9	3952020	1	Setscrew 5/8 x 2-1/2	
10	4071009	1	Shim (Not Shown - Used on setting gear backlash)	
11	4892200	4	Washer 3/4	

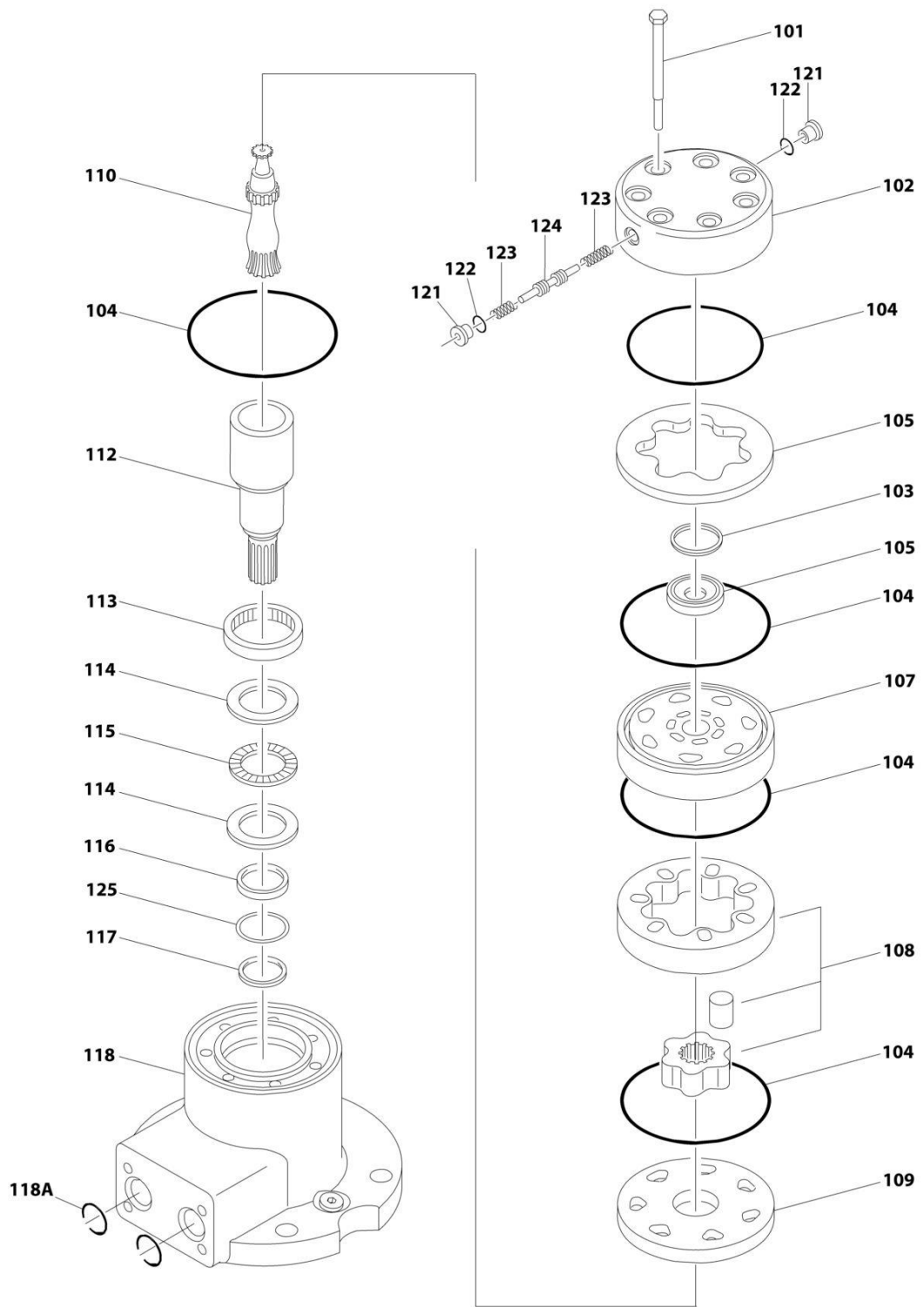
SECTION 2 - TURNTABLE

FIGURE 2-5. SWING MOTOR ASSEMBLY



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SECTION 2 - TURNTABLE



ART_3160257_20F2

SECTION 2 - TURNTABLE

FIGURE 2-5. SWING MOTOR ASSEMBLY

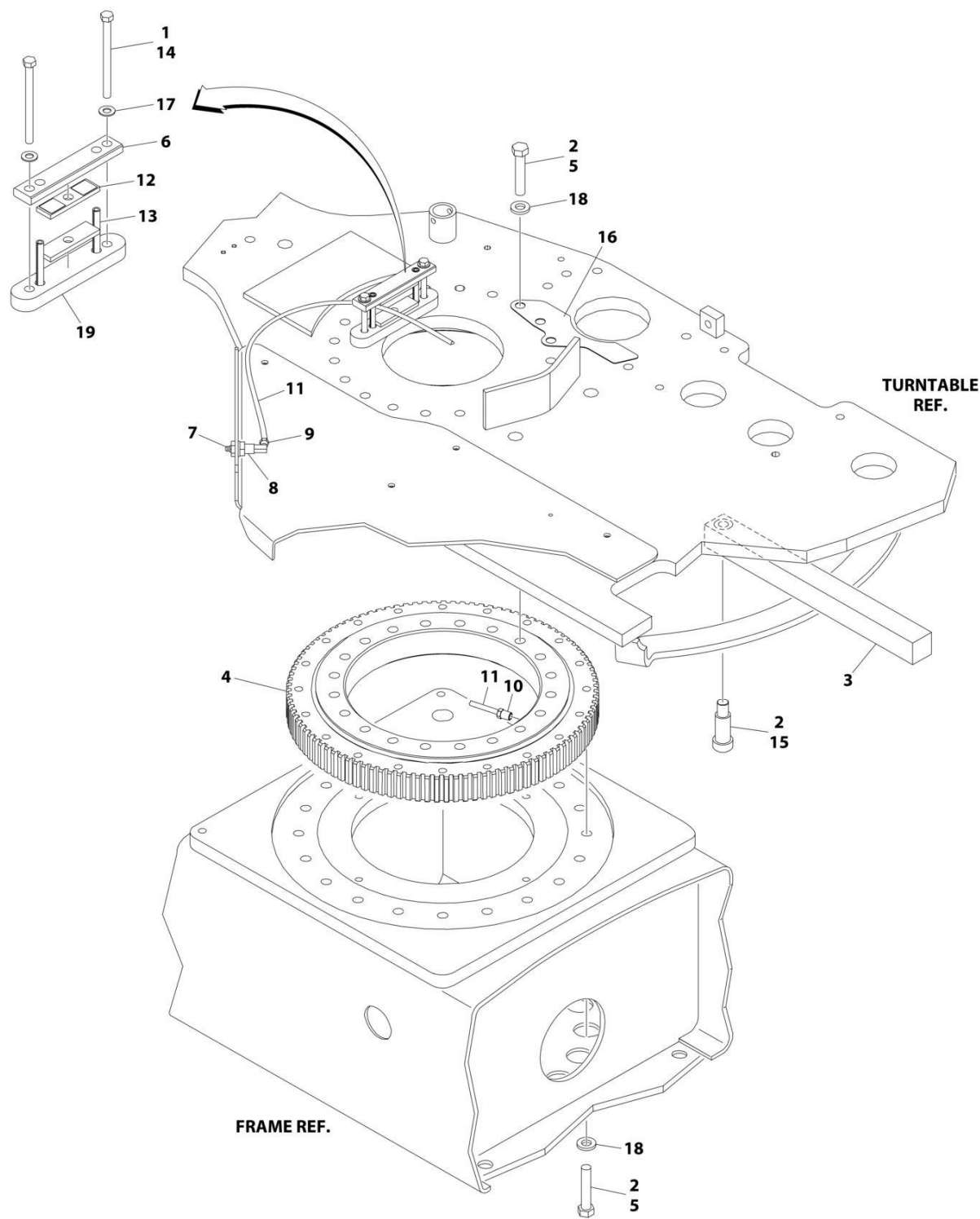
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3160257	Ref	SWING MOTOR ASSEMBLY	C
1	See Note	NSS	Housing Assembly (Note: Use p/n 3160257)	
1A	7017069	1	Shaft, Output	
1B	See Note	NSS	Seal, Lip (Note: Use Item 50)	
1C	7000255	1	Bearing, Tapered-Cup	
1D	7000256	1	Bearing, Tapered-Cone	
1E	7000257	1	Bearing, Tapered-Cup	
1F	7000258	1	Bearing, Tapered-Cone	
1G	7017071	1	Housing	
1H	7007633	1	Thrustwasher	
1I	See Note	NSS	Ring, Retaining (Note: Use Item 50)	
1J	7017072	1	Plug, Pipe (With O-Ring)	
2	7000203	1	Gear, Ring	
3	See Note	NSS	Carrier Assembly (Note: Not Available - Purchase Individual Components)	
3A	7017074	1	Carrier	
3B	7001908	6	Thrustwasher, Tanged	
3C	7007637	96	Bearing, Needle	
3D	7000263	3	Spacer, Thrust	
3E	7017073	3	Shaft, Planet	
3F	7017075	3	Gear, Planet	
3G	7001913	3	Pin, Roll	
4	7017023	1	Plug, Pipe (With O-Ring)	
5	See Note	NSS	O-Ring (Special) (Note: Use Item 50)	
5A	See Note	NSS	O-Ring (White) (Note: Use Item 50)	
6	7017077	1	Hub, Brake	
8	7017079	1	Brake, Input	
8	7024199	1	Friction Disc Kit	
8	7024700	1	Spring Kit	
8	7024701	1	Brake Seal Kit	
9	7017076	1	Gear, Sun	
10	7017088	1	Motor, Hydraulic (See Items 101-150 for Breakdown)	
11	See Note	NSS	Thrustwasher (Note: Use Item 50)	
12	See Note	NSS	Bolt (Note: Use Item 50)	
13	7017082	1	Plug, Pipe (With O-Ring)	
14	7017080	4	Pin, Dowel	
15	7024136	4	Bolt	
17	7017085	1	Elbow	
18	7017083	2	Nut, Tube	
19	7017084	2	Tube, Female	
20	7017087	1	Tubing	
21	7017086	1	Connector, Straight	
24	See Note	NSS	Plate, ID (Note: Not Available for Purchase)	
25	7000281	2	Screw, Drive	
26	See Note	NSS	O-Ring (Note: Use Item 50)	
28	7017078	1	Spacer, Input	
29	7001926	2	Plug, Pipe (With O-Ring)	
31	4640741	1	Valve, Motor Control	
33	See Note	NSS	Washer, Flat (Note: Use Item 50)	
34	7024135	4	Bolt	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	7024136	1	Seal Kit (Includes Items 1B, 1I, 5, 5A, 11, 12, 15, 26 & 33)	B
	7017088	Ref	HYDRAULIC MOTOR ASSEMBLY	
101	7024382	7	Bolt	
102	7004035	1	Cover, End	
103	See Note	NSS	Seal, Commutator (Note: Use Item 150)	
104	See Note	NSS	Seal, Ring (Note: Use Item 150)	
105	7024378	1	Commutator and Ring Assembly	
107	7024379	1	Manifold	
108	7024383	1	Rotor Set	
108	See Note	NSS	Rotor (Note: Use p/n 7024383)	
108	See Note	NSS	Stator (Note: Use p/n 7024383)	
108	See Note	NSS	Vane (Note: Use p/n 7024383)	
109	7024380	1	Plate, Wear	
110	7024384	1	Link, Drive	
112	7024386	1	Shaft, Coupling	
113	7024381	1	Bushing, Bronze	
114	7004043	2	Thrustwasher	
115	7004044	1	Bearing, Thrust	
116	See Note	NSS	Seal, Inner (Note: Use Item 150)	
117	See Note	NSS	Washer, Back-up (Note: Use Item 150)	
118	7024385	1	Housing	
118A	See Note	NSS	O-Ring (Note: Use Item 150)	
121	7010795	2	Plug	
122	7024387	2	O-Ring	
123	7024388	2	Spring	
124	7017088	1	Valve (Note: Not Available for Purchase)	
125	See Note	NSS	Washer, Back-up (Note: Use Item 150)	
150	7024389	1	Seal Kit (Includes Items 103, 104, 116, 117, 118A & 125)	

SECTION 2 - TURNTABLE

FIGURE 2-6. TURNTABLE BEARING, STOP AND LUBE INSTALLATION



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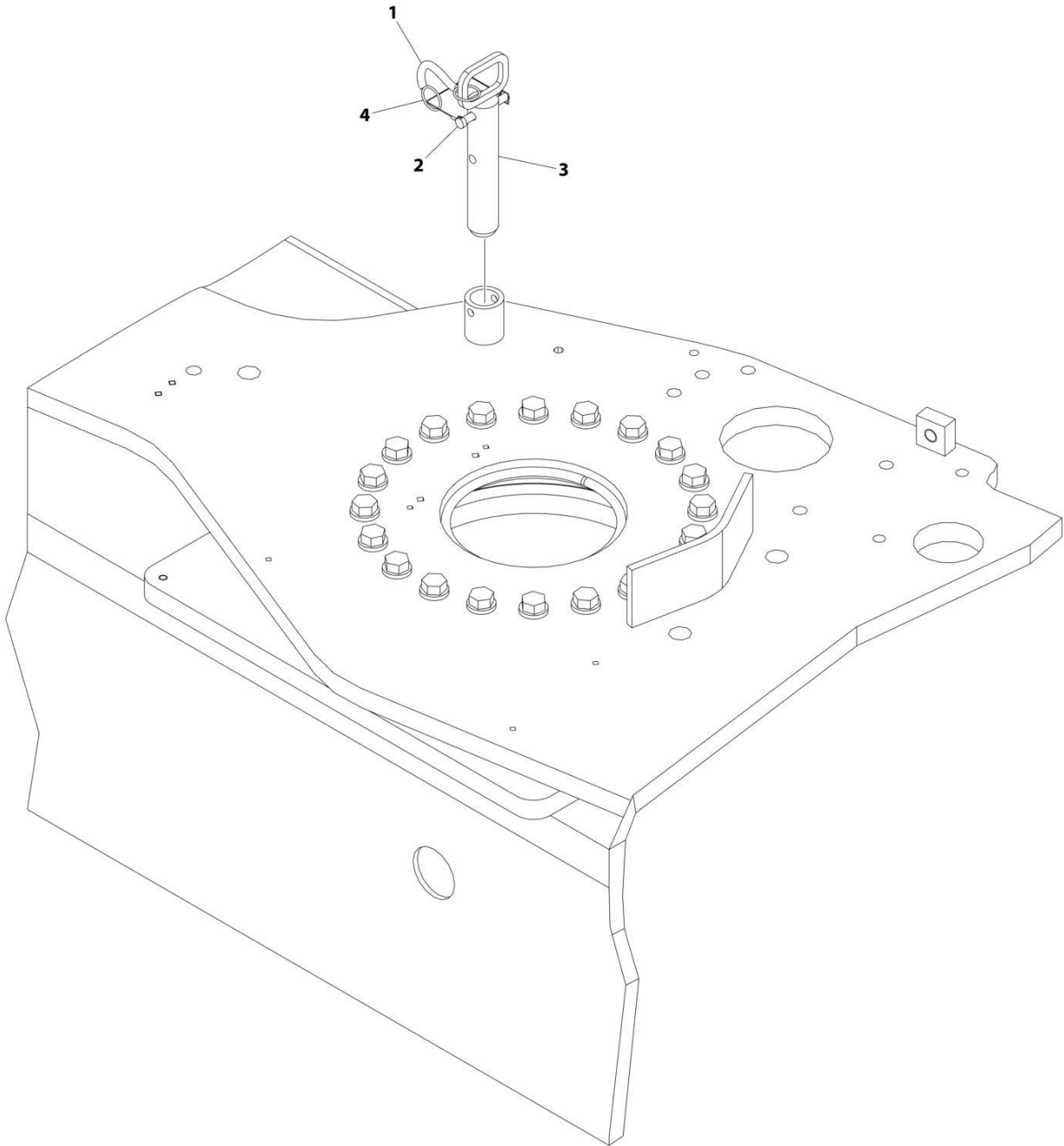
SECTION 2 - TURNTABLE

FIGURE 2-6. TURNTABLE BEARING, STOP AND LUBE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175087	Ref	TURNTABLE BEARING, STOP AND LUBE INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0259849	1	Stop, Turntable	
4	0440240	1	Bearing, Turntable	
5	0682026	40	Bolt 5/8 x 3-1/4 Grade 8	
6	1320271	1	Bar, Clamp	
7	2160002	1	Fitting, Grease	
8	2180344	1	Fitting, Bulkhead	
9	2220063	1	Fitting, Adapter	
10	2220273	1	Fitting, Reducer	
11	2751095	1	Hose	
12	3340860	2	Pad, Rubber	
13	3441260	2	Rollpin	
14	3900262	2	Capscrew 3/8 x 4-3/4	
15	3900284	1	Screw, Shoulder	
16	4071010	1	Shim	
17	4711600	2	Washer 3/8	
18	4892000	40	Washer 5/8	
19	1001175088	1	Clamp, Hose Protector	

SECTION 2 - TURNTABLE

FIGURE 2-7. TURNTABLE LOCK INSTALLATION



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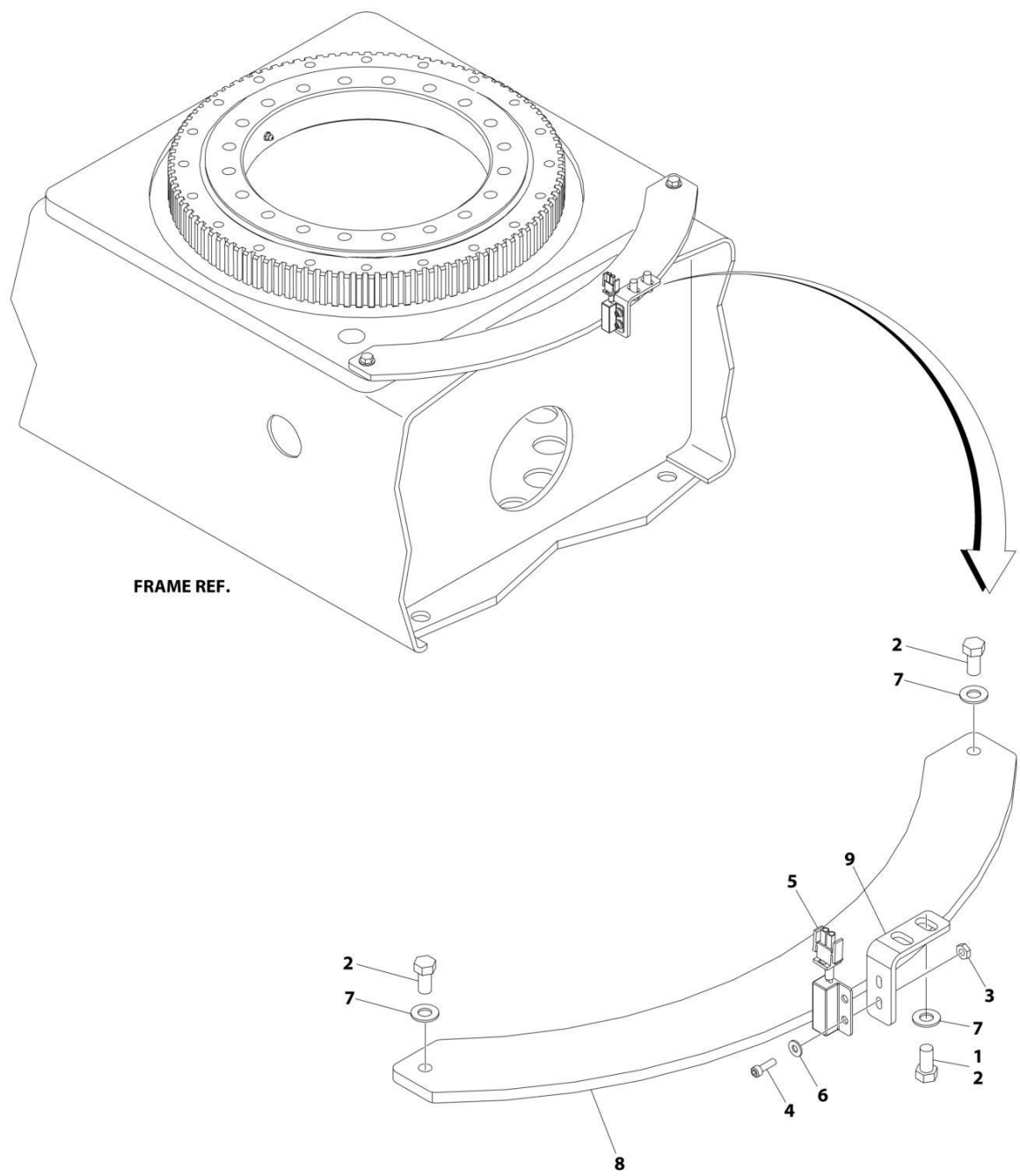
SECTION 2 - TURNTABLE

FIGURE 2-7. TURNTABLE LOCK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0239585	Ref	TURNTABLE LOCK INSTALLATION	D
1	1260017	9 in/23cm	Chain	
2	3421565	1	Pin, Snap	
3	1001169582	1	Pin, Lock	
4	3760170	2	Ring, Quick Release	

SECTION 2 - TURNTABLE

FIGURE 2-8. DRIVE ORIENTATION INSTALLATION



ART_1001200255

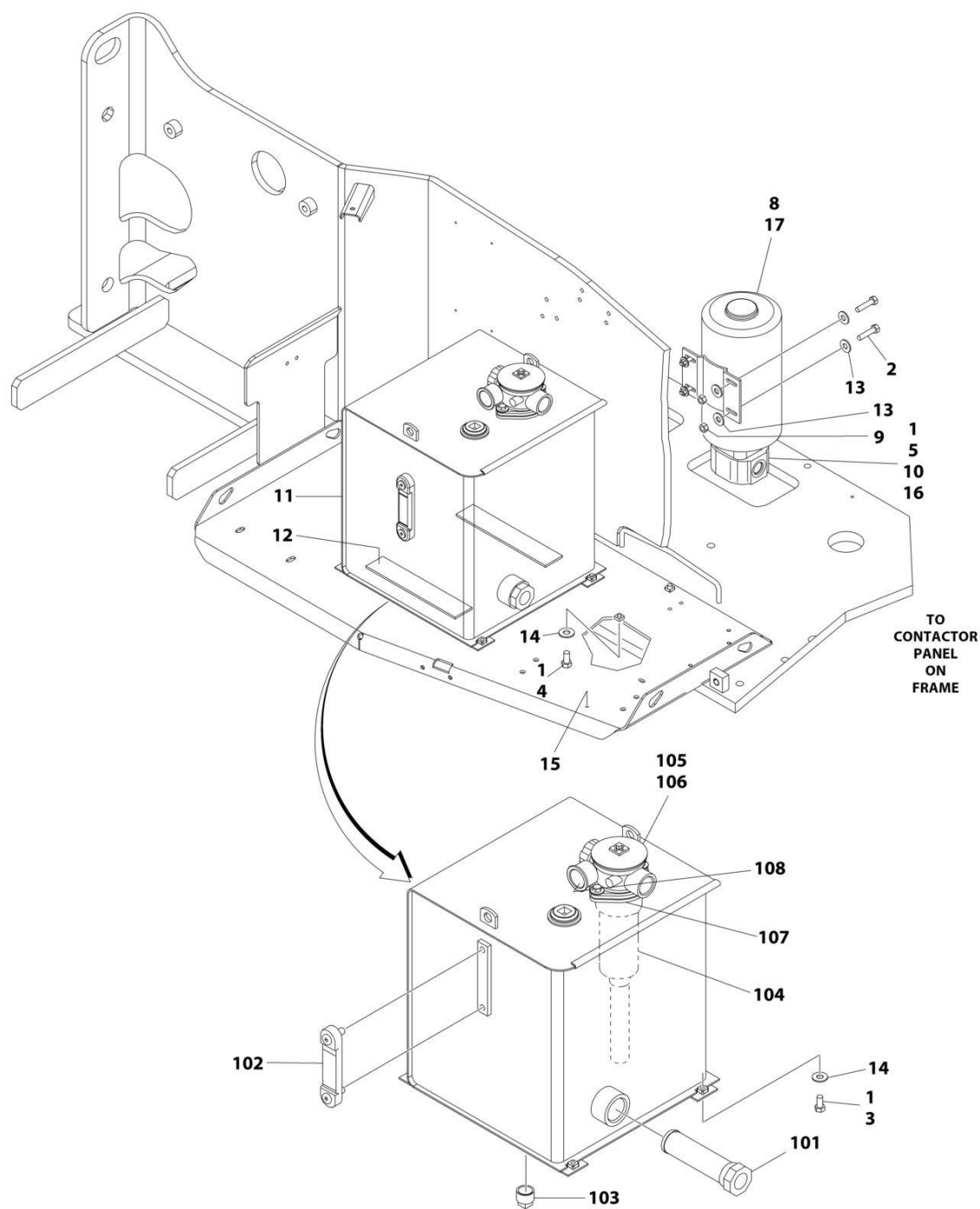
SECTION 2 - TURNTABLE

FIGURE 2-8. DRIVE ORIENTATION INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200255	Ref	DRIVE ORIENTATION INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641606	4	Bolt 3/8 x 3/4	
3	3311005	2	Nut #10	
4	3931010	2	Capscrew #10 x 5/8	
5	4360517	1	Switch, Proximity	
6	4711000	2	Washer #10	
7	4711600	4	Washer 3/8	
8	1001116031	1	Cam	
9	1001116106	1	Bracket, Switch Mounting	

SECTION 2 - TURNTABLE

FIGURE 2-9. HYDRAULIC TANK AND PUMP/MOTOR INSTALLATION (NON-UL SPECS)



ART_1001174891

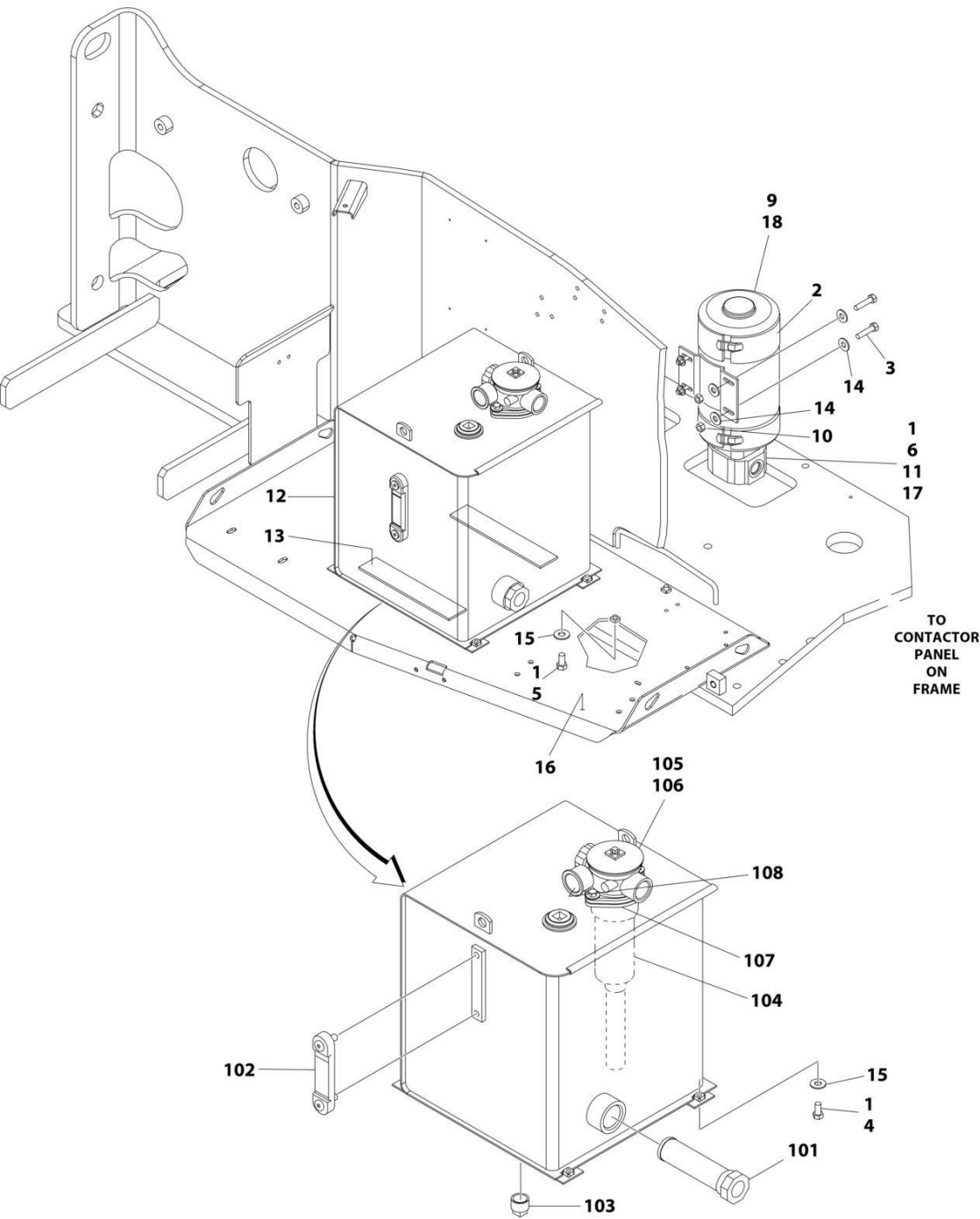
SECTION 2 - TURNTABLE

FIGURE 2-9. HYDRAULIC TANK AND PUMP/MOTOR INSTALLATION (NON-UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174891	Ref	HYDRAULIC TANK AND PUMP/MOTOR INSTALLATION	F
1	0100011	AR	Compound, Locking	
2	0641511	4	Bolt 5/16 x 1-3/8	
3	0641606	4	Bolt 3/8 x 3/4	
4	0641614	7	Bolt 3/8 x 1-3/4	
5	0700812	2	Bolt M8 x 25	
8	3160252	1	Electricity Motor Assembly (See Separate Breakdown in this Section)	
9	3311505	4	Nut 5/16	
10	3600310	1	Pump Assembly (Note: Seal Kit is the only available replacement part)	
10	7024056	1	Seal Kit - 3600310 Pump	
11	4400455	1	Tank Assembly - Hydraulic (See Items 101-108 for Breakdown)	
12	4420038	30 in / 76cm	Tape, Rubber	
13	4751500	8	Washer 5/16	
14	4751600	11	Washer 3/8	
15	4846178	1	Tray	
16	4891500	2	Washer 5/16	
17	3020037	AR	Grease, Coupling	
	4400455	Ref	HYDRAULIC TANK ASSEMBLY	E
101	7026121	1	Strainer, Suction	
102	7024441	1	Gauge, Level Indicator	
103	7024446	1	Plug, Magnetic	
104	7023268	1	Filter with Pressure Switch	
104	7023224	1	Element, Filter	
105	7023268	1	Breather with Pressure Switch	
105	7023269	1	Element, Breather	
106	7023306	1	Seal, Cover Plate	
107	7023347	1	Gasket	
108	7023270	1	Gauge, Indicator	

SECTION 2 - TURNTABLE

FIGURE 2-10. HYDRAULIC TANK AND PUMP/MOTOR INSTALLATION (UL SPECS)



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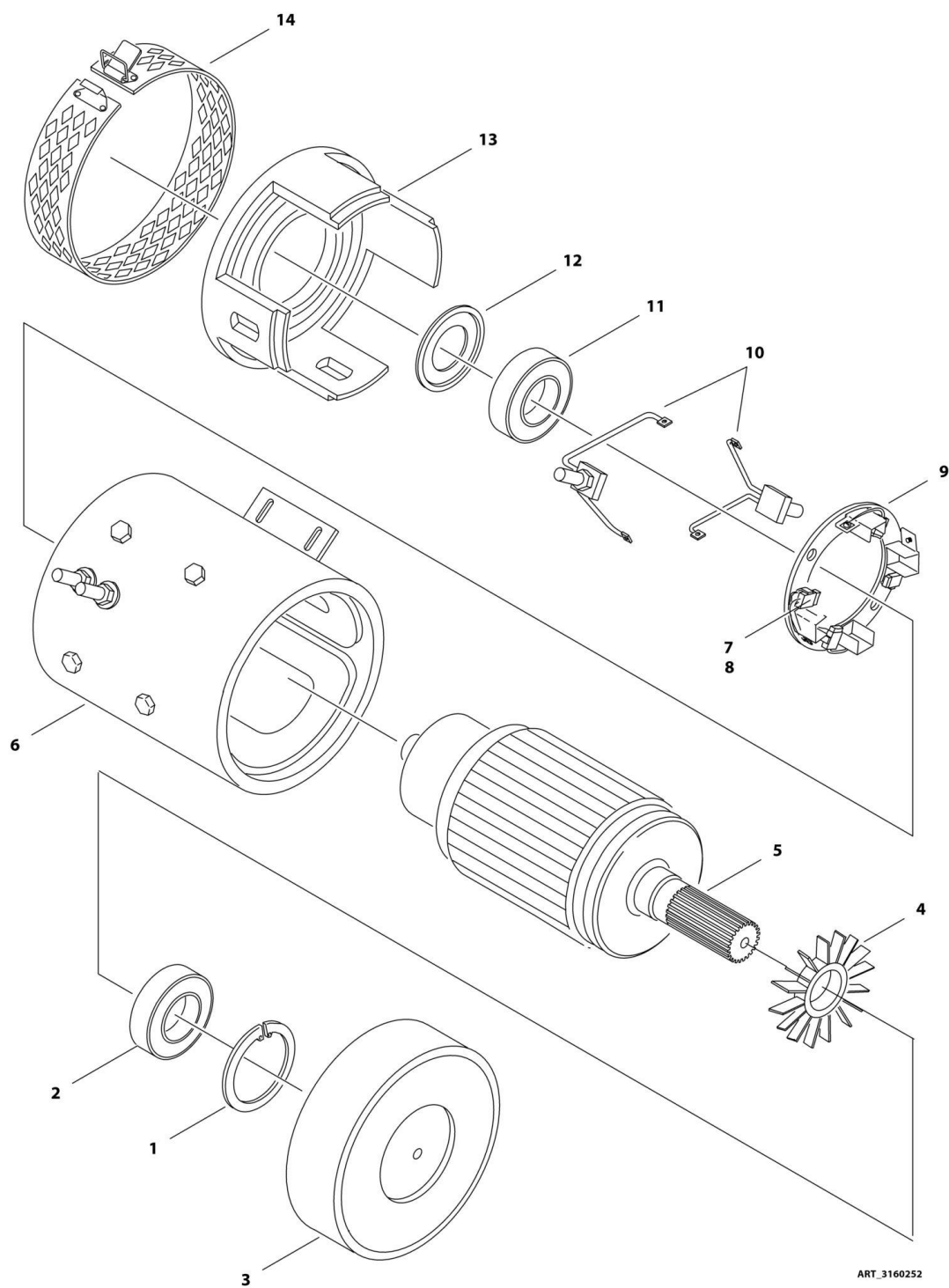
SECTION 2 - TURNTABLE

FIGURE 2-10. HYDRAULIC TANK AND PUMP/MOTOR INSTALLATION (UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175539	Ref	HYDRAULIC TANK AND PUMP/MOTOR INSTALLATION (UL SPECS)	F
1	0100011	AR	Compound, Locking	
2	0340049	1	Pump Motor Band Kit	
3	0641511	4	Bolt 5/16 x 1-3/8	
4	0641606	4	Bolt 3/8 x 3/4	
5	0641614	7	Bolt 3/8 x 1-3/4	
6	0700812	2	Bolt M8 x 25	
9	3160252	1	Electricity Motor Assembly (See Separate Breakdown in this Section)	
10	3311505	4	Nut 5/16	
11	3600310	1	Pump Assembly (Note: Seal Kit is only available service part)	
11	7024056	1	Seal Kit - 3600310 Pump	
12	4400455	1	Tank Assembly - Hydraulic (See Items 101-108 for Breakdown)	
13	4420038	30 in / 76cm	Tape, Rubber	
14	4751500	8	Washer 5/16	
15	4751600	11	Washer 3/8	
16	4846178	1	Tray Weldment	
17	4891500	2	Washer 5/16	
18	3020037	AR	Grease, Coupling	
	4400455	Ref	HYDRAULIC TANK ASSEMBLY	E
101	7026121	1	Strainer, Suction	
102	7024441	1	Gauge, Level Indicator	
103	7024446	1	Plug, Magnetic	
104	7023268	1	Filter with Pressure Switch	
104	7023224	1	Element, Filter	
105	7023268	1	Breather with Pressure Switch	
105	7023269	1	Element, Breather	
106	7023306	1	Seal, Cover Plate	
107	7023347	1	Gasket	
108	7023270	1	Gauge, Indicator	

SECTION 2 - TURNTABLE

FIGURE 2-11. ELECTRIC MOTOR ASSEMBLY



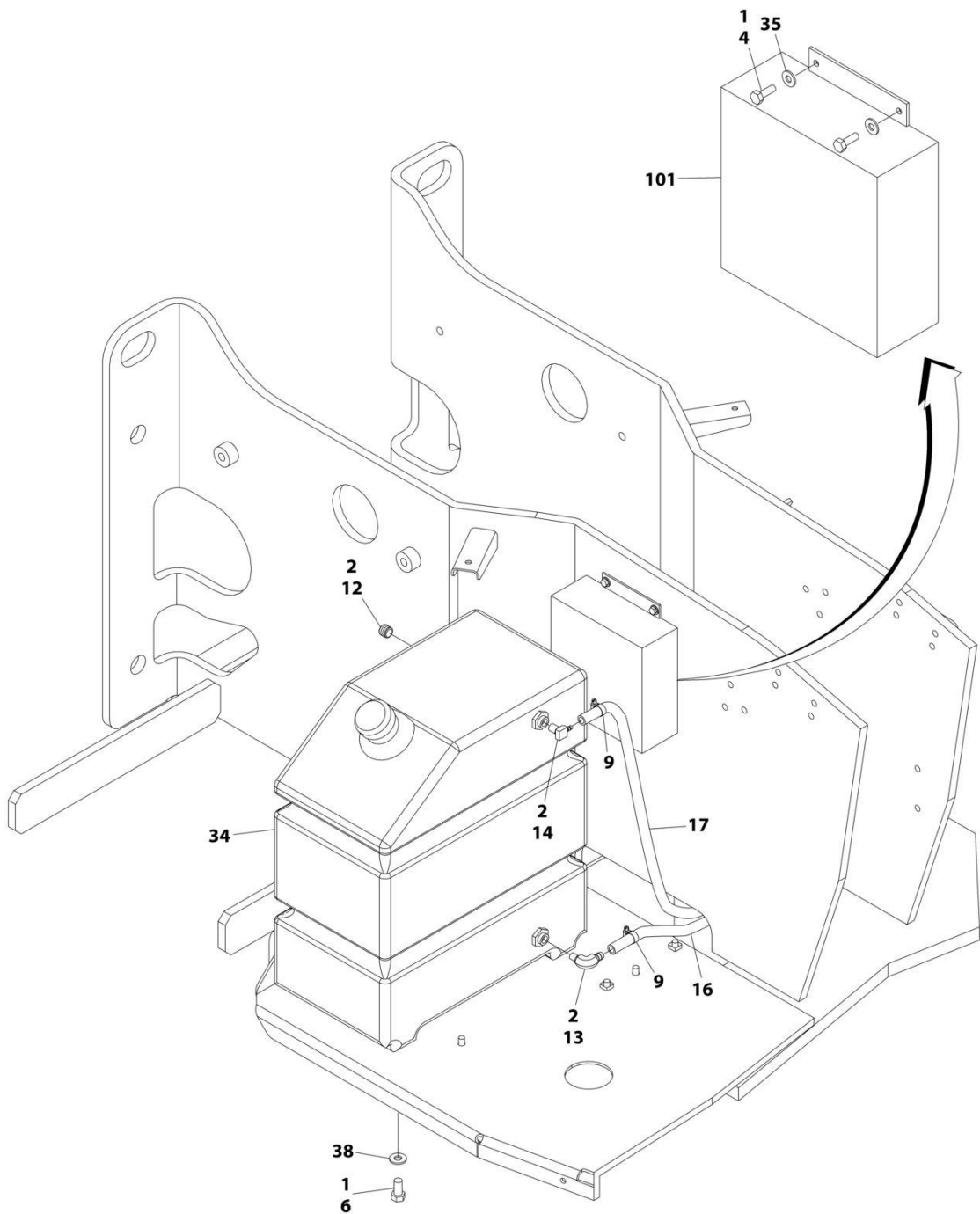
SECTION 2 - TURNTABLE

FIGURE 2-11. ELECTRIC MOTOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3160252	Ref	MOTOR ASSEMBLY	C
1	7020291	1	Ring, Retaining	
2	7020292	1	Bearing (Shaft End)	
3	7020293	1	Endhead, Shaft	
4	7020294	1	Fan	
5	7020295	1	Armature Assembly	
6	7020296	1	Field Coil/Case Kit	
7	7012548	8	Spring, Brush	
8	7020297	8	Brush	
9	7020298	1	Box Assembly - Brush	
10	7020299	1	Lead Kit, Brush Wire	
11	7012545	1	Bearing (Commutator End)	
12	7012549	1	Washer	
13	7023200	1	Endhead, Commutator	
14	7023272	1	Headband Assembly	

SECTION 2 - TURNTABLE

FIGURE 2-12. FUEL TANK AND ENGINE MODULE INSTALLATION - WITH STANDARD BATTERIES
(H600SJ & H600SJP)



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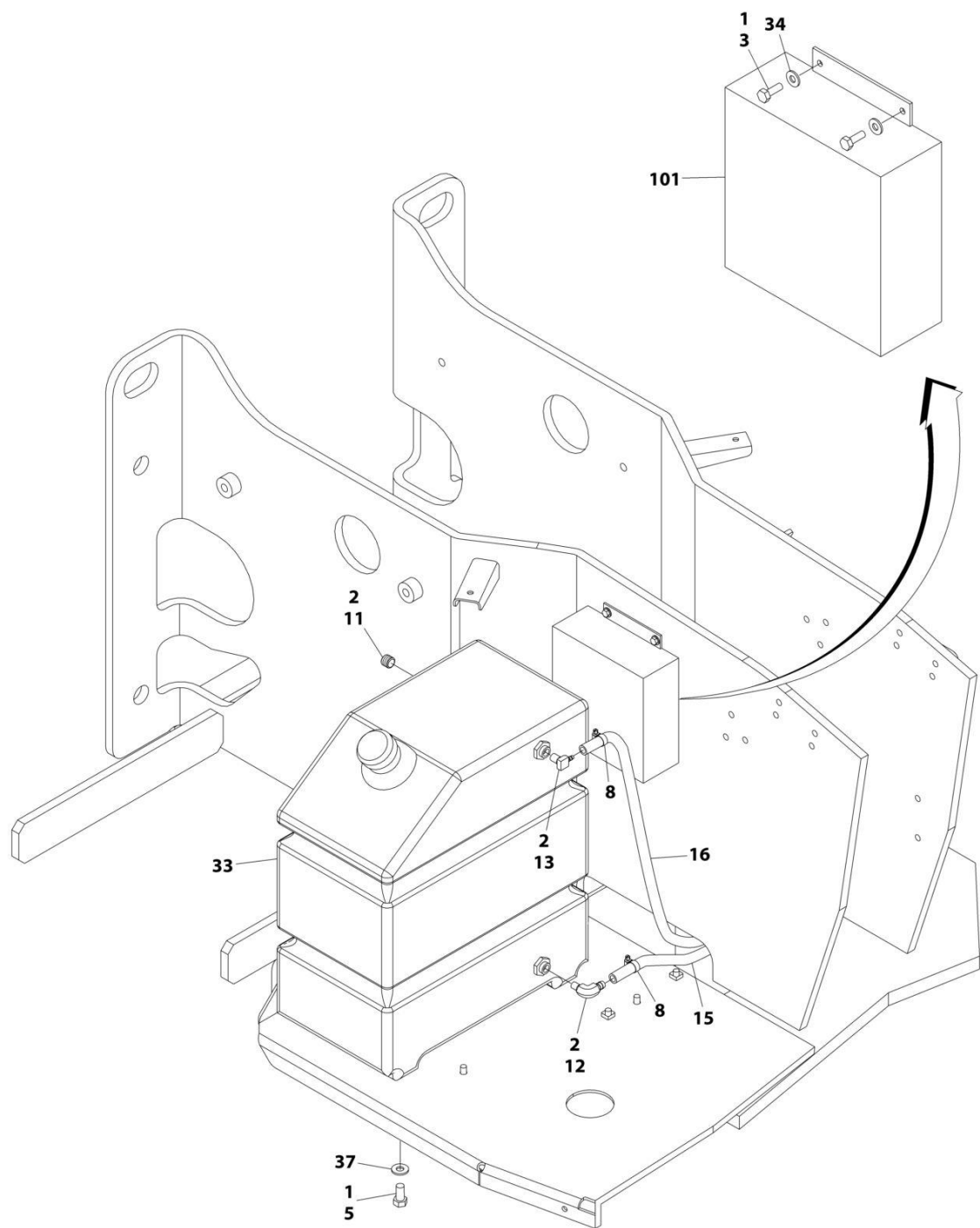
SECTION 2 - TURNTABLE

**FIGURE 2-12. FUEL TANK AND ENGINE MODULE INSTALLATION - WITH STANDARD BATTERIES
(H600SJ & H600SJP)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199313	Ref	FUEL TANK AND MODULE INSTALLATION	G
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
4	0641406	4	Bolt 1/4 x 3/4	
6	0641606	4	Bolt 3/8 x 3/4	
9	1320022	2	Clamp, Hose	
12	2200222	2	Plug, Pipe	
13	2221046	1	Fitting, Elbow Barbed	
14	2221047	1	Fitting, Elbow Barbed	
16	2720058	AR	Hose, Fuel Line	
17	2720271	AR	Hose, Fuel Line	
34	4400430	1	Tank, Fuel	
201	7020257	1	Non-Locking Cap	
201	7016649	1	Seal, Cap	
35	4711400	4	Washer 1/4	
38	4751600	4	Washer 3/8	
101	70000326	1	Module, Contactor (Kubota Engine)	
101	70000328	1	Harness, Module (Not Shown)	

SECTION 2 - TURNTABLE

FIGURE 2-13. FUEL TANK AND ENGINE MODULE INSTALLATION - WITH AGM BATTERIES (H600SJ & H600SJP)



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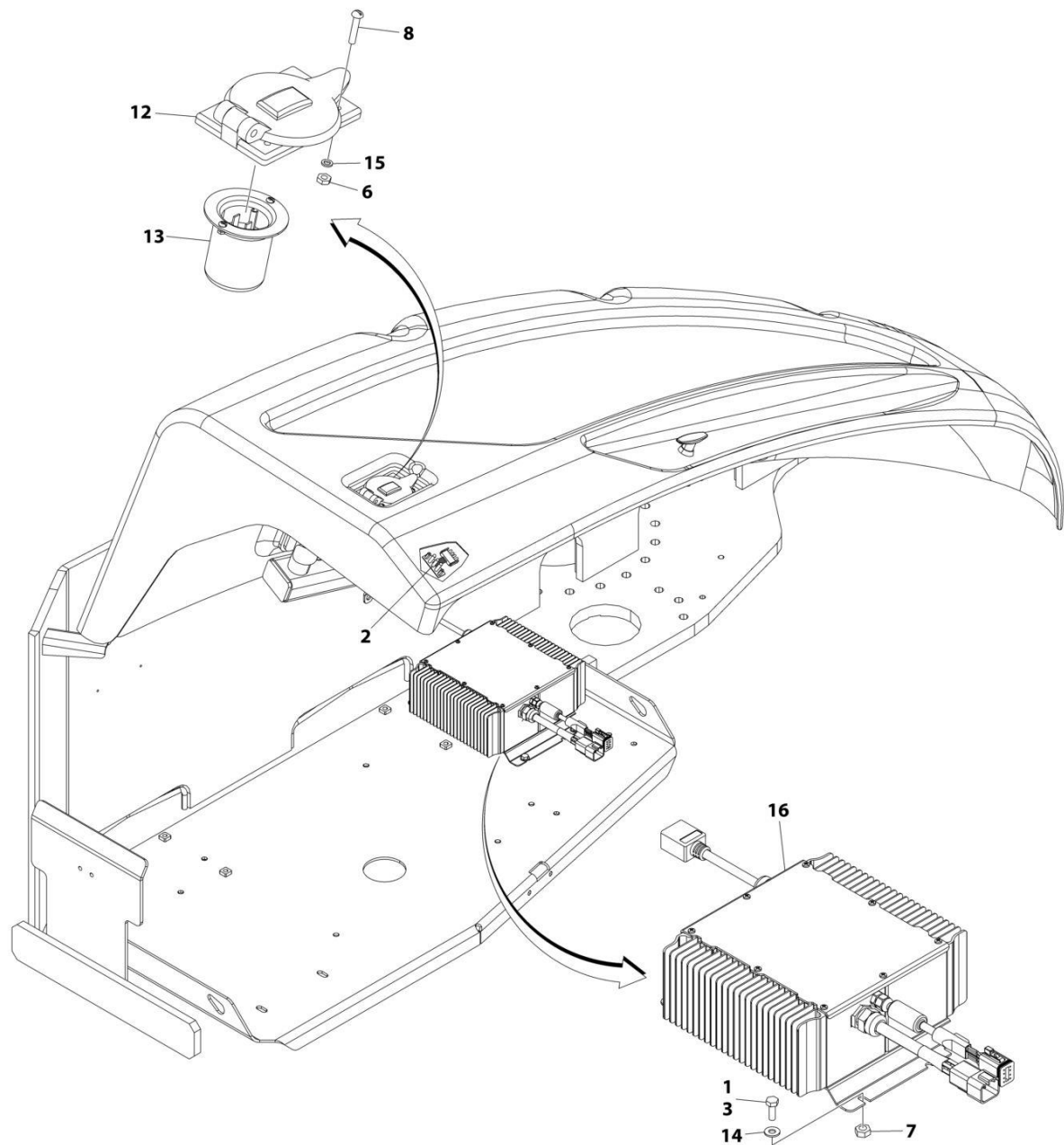
SECTION 2 - TURNTABLE

FIGURE 2-13. FUEL TANK AND ENGINE MODULE INSTALLATION - WITH AGM BATTERIES (H600SJ & H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207674	Ref	FUEL TANK AND MODULE INSTALLATION - WITH AGM BATTERIES	F
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
3	0641406	4	Bolt 1/4 x 3/4	
5	0641606	4	Bolt 3/8 x 3/4	
8	1320022	2	Clamp, Hose	
11	2200222	2	Plug, Pipe	
12	2221046	1	Fitting, Elbow Barbed	
13	2221047	1	Fitting, Elbow Barbed	
15	2720058	AR	Hose, Fuel Line	
16	2720271	AR	Hose, Fuel Line	
33	4400430	1	Tank, Fuel	
33	7020257	1	Non-Locking Cap (Supplied with Tank)	
33	7016649	1	Seal, Cap	
34	4711400	4	Washer 1/4	
37	4751600	4	Washer 3/8	
101	70000326	1	Module, Contactor (Kubota Engine)	
101	70000328	1	Module Harness (Not Shown)	

SECTION 2 - TURNTABLE

FIGURE 2-14. BATTERY CHARGER INSTALLATION - 110V/60HZ (ALL SPECS EXCEPT AUSTRALIAN AND CE SPECS) (PVC 2001)



ART_1001125780

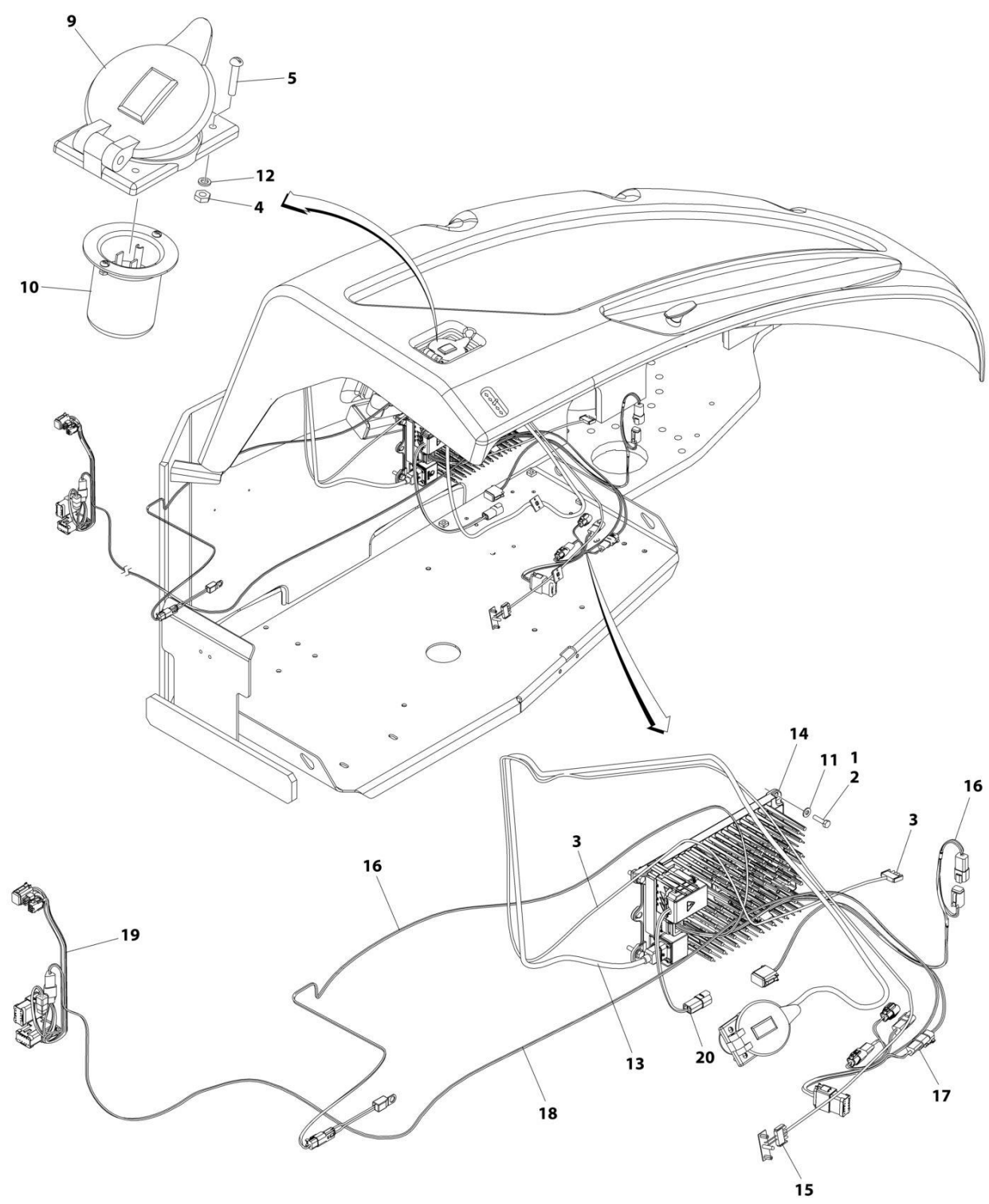
SECTION 2 - TURNTABLE

FIGURE 2-14. BATTERY CHARGER INSTALLATION - 110V/60HZ (ALL SPECS EXCEPT AUSTRALIAN AND CE SPECS) (PVC 2001)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001125780	Ref	BATTERY CHARGER INSTALLATION - 110V/60HZ	G
1	0100011	AR	Compound, Locking	
2	0610131	1	Charger LED Assembly	
3	0641406	4	Bolt 1/4 x 3/4	
5	1060813	1	Cable, LED (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
6	3311001	4	Nut #10	
7	3311408	4	Nut 1/4	
8	3911016	4	Screw #10 x 1	
9	4240032	2	Tie-Strap (Not Shown)	
10	4240033	AR	Tie-Strap (Not Shown)	
11	4460234	2	Mount, Tie-Strap (Not Shown)	
12	4460802	1	Cover, Terminal	
13	4460803	1	Terminal, Plug	
14	4711400	4	Washer 1/4	
15	4761000	4	Washer #10	
16	1001103105	1	Battery Charger Assembly (See Separate Breakdown in ELECTRICAL SECTION)	
19	1001126185	1	AC Cord Cable (Not Shown)	

SECTION 2 - TURNTABLE

FIGURE 2-15. BATTERY CHARGER INSTALLATION - 110V/60HZ (ALL SPECS EXCEPT AUSTRALIAN AND CE SPECS) (PVC 2007)



ART_1001251479

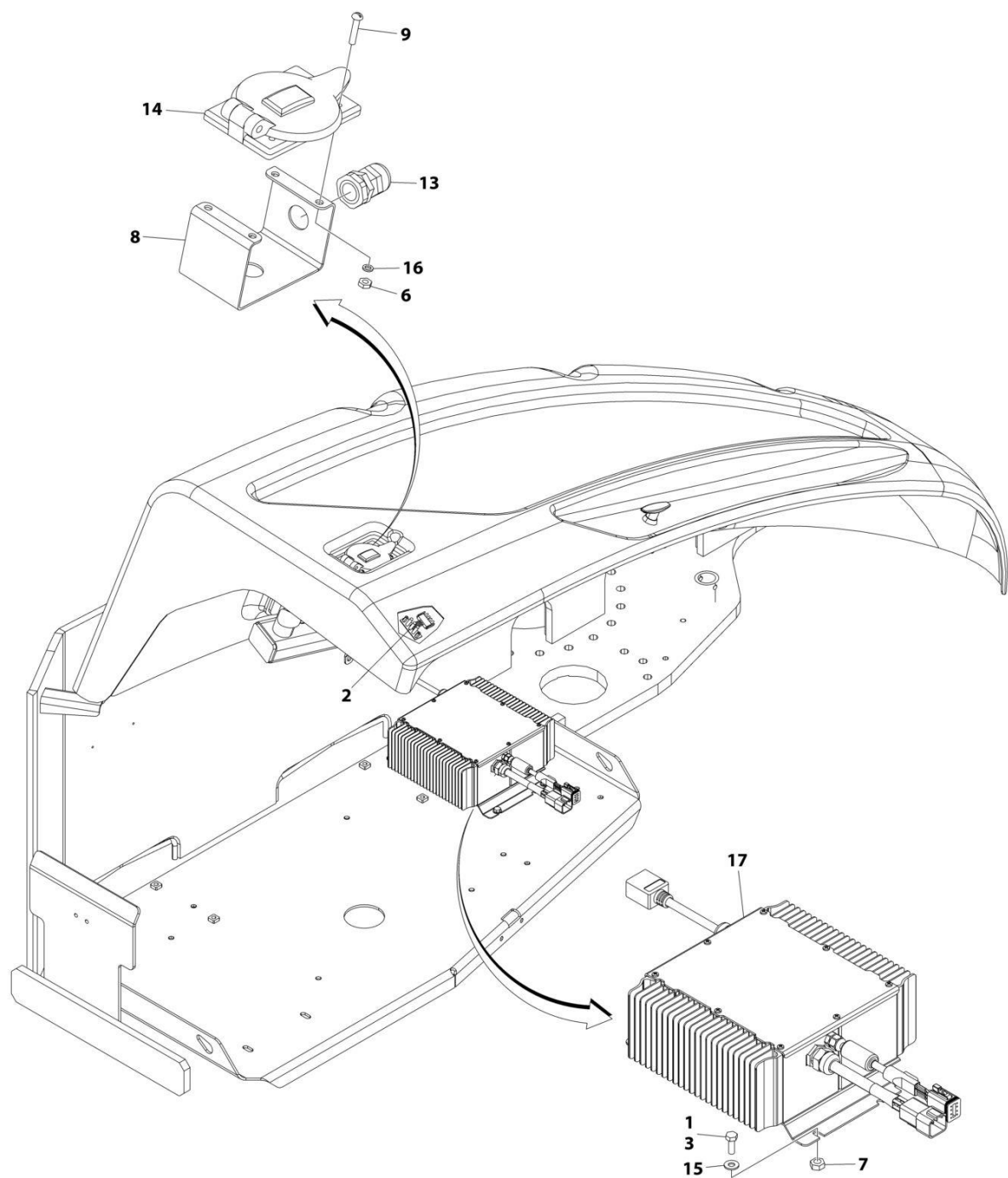
SECTION 2 - TURNTABLE

FIGURE 2-15. BATTERY CHARGER INSTALLATION - 110V/60HZ (ALL SPECS EXCEPT AUSTRALIAN AND CE SPECS) (PVC 2007)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251479	Ref	BATTERY CHARGER INSTALLATION - 110V/60HZ	A
1	0100011	AR	Compound, Locking	
2	0641408	4	Bolt 1/4 x 1	
3	1060813	1	Cable, LED (See Separate Breakdown in ELECTRICAL Section)	
4	3311001	4	Nut #10	
5	3911016	4	Screw #10 x 1	
6	4240032	2	Tie-Strap (Not Shown)	
7	4240033	AR	Tie-Strap (Not Shown)	
8	4460234	2	Mount, Tie-Strap (Not Shown)	
9	4460802	1	Cover, Terminal	
10	4460803	1	Terminal, Plug	
11	4711400	4	Washer 1/4	
12	4761000	4	Washer #10	
13	1001126185	1	AC Cord Cable	
14	1001251382	1	Charger	
15	1001259489	1	Lamp, Battery Charger	
16	1001259502	1	Harness, Charger (See Separate Breakdown in ELECTRICAL Section)	
17	1001259541	1	Harness, Eboom Can Splice (See Separate Breakdown in ELECTRICAL Section)	
18	1001259548	1	Harness, Can Jumper (See Separate Breakdown in ELECTRICAL Section)	
19	1001259560	1	Harness, Central Panel Can Buss (See Separate Breakdown in ELECTRICAL Section)	
20	1001260408	1	Harness, Charger DC Connection (See Separate Breakdown in ELECTRICAL Section)	

SECTION 2 - TURNTABLE

FIGURE 2-16. BATTERY CHARGER INSTALLATION - 120V-230V/45-65HZ (ALL SPECS EXCEPT UL SPECS) (PVC 2001)



ART_1001162843

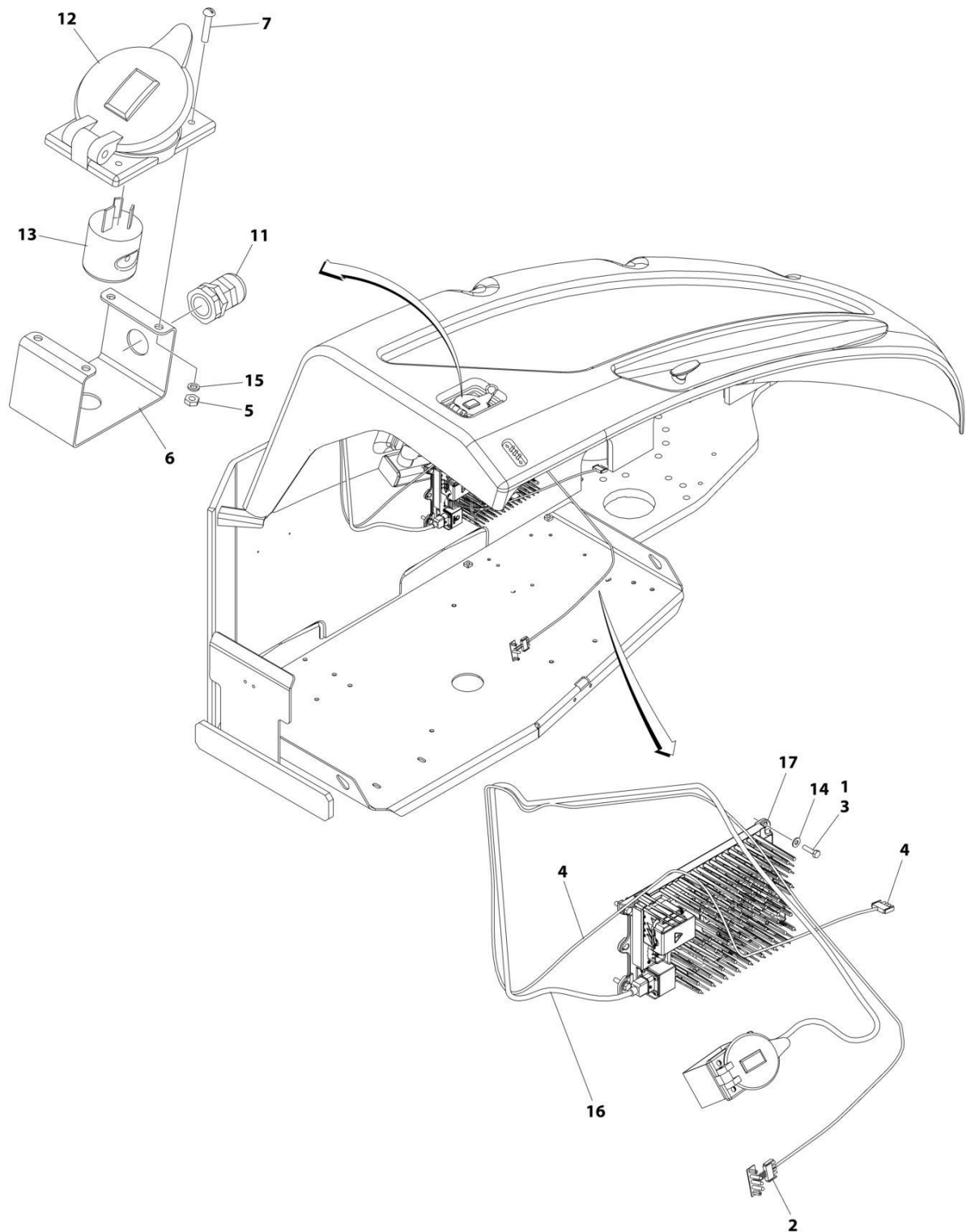
SECTION 2 - TURNTABLE

FIGURE 2-16. BATTERY CHARGER INSTALLATION - 120V-230V/45-65HZ (ALL SPECS EXCEPT UL SPECS) (PVC 2001)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162843	Ref	BATTERY CHARGER INSTALLATION - 120-230V/45-65HZ	G
1	0100011	AR	Compound, Locking	
2	0610131	1	Charger LED Assembly	
3	0641406	4	Bolt 1/4 x 3/4	
5	1060813	1	Cable, LED (Not Shown - See Separate Breakdown in ELECTRICAL SECTION))	
6	3311001	4	Nut #10	
7	3311408	4	Nut 1/4	
8	3571584	1	Plate, Mounting	
9	3911016	4	Screw #10 x 1	
10	4240032	2	Tie-Strap (Not Shown)	
11	4240033	AR	Tie-Strap (Not Shown)	
12	4460234	2	Mount, Tie-Strap (Not Shown)	
13	4460428	1	Connector, Strain Relief	
14	4460802	1	Cover, Terminal	
15	4711400	4	Washer 1/4	
16	4761000	4	Washer #10	
17	1001103105	1	Battery Charger Assembly (See Separate Breakdown in ELECTRICAL SECTION)	
20	1001126185	1	AC Cord Cable (Not Shown)	

SECTION 2 - TURNTABLE

FIGURE 2-17. BATTERY CHARGER INSTALLATION - 120-230V/45-65HZ (ALL SPECS EXCEPT UL SPECS) (PVC 2007)



ART_1001252526

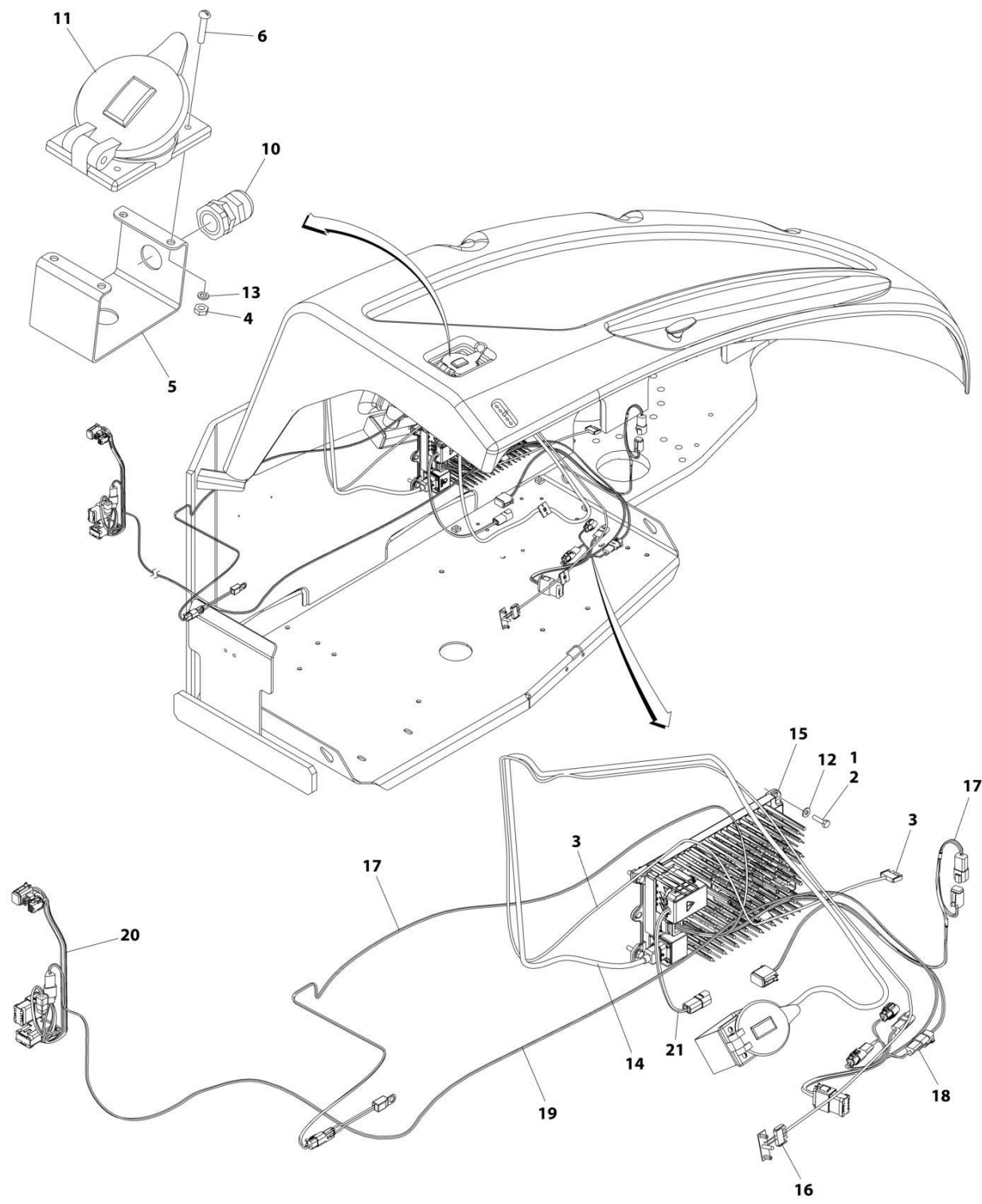
SECTION 2 - TURNTABLE

FIGURE 2-17. BATTERY CHARGER INSTALLATION - 120-230V/45-65HZ (ALL SPECS EXCEPT UL SPECS) (PVC 2007)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001252526	Ref	BATTERY CHARGER INSTALLATION - 120-230V/45-65HZ	A
1	0100011	AR	Compound, Locking	
2	0610131	1	Lamp, Battery Charger	
3	0641408	4	Bolt 1/4 x 1	
4	1060813	1	Cable, LED (See Separate Breakdown in ELECTRICAL Section)	
5	3311001	4	Nut #10	
6	3571584	1	Plate, Mounting	
7	3911016	4	Screw #10 x 1	
8	4240032	2	Tie-Strap (Not Shown)	
9	4240033	AR	Tie-Strap (Not Shown)	
10	4460234	2	Mount, Tie-Strap (Not Shown)	
11	4460428	1	Connector, Strain Relief	
12	4460802	1	Cover, Terminal	
13	4460805	1	Terminal, Plug	
14	4711400	4	Washer 1/4	
15	4761000	4	Washer #10	
16	1001207974	1	AC Cord Cable	
17	1001251382	1	Charger	

SECTION 2 - TURNTABLE

FIGURE 2-18. BATTERY CHARGER INSTALLATION - 120V-230V/45-65HZ (ALL SPECS EXCEPT UL SPECS) (PVC 2007)



ART_1001251478

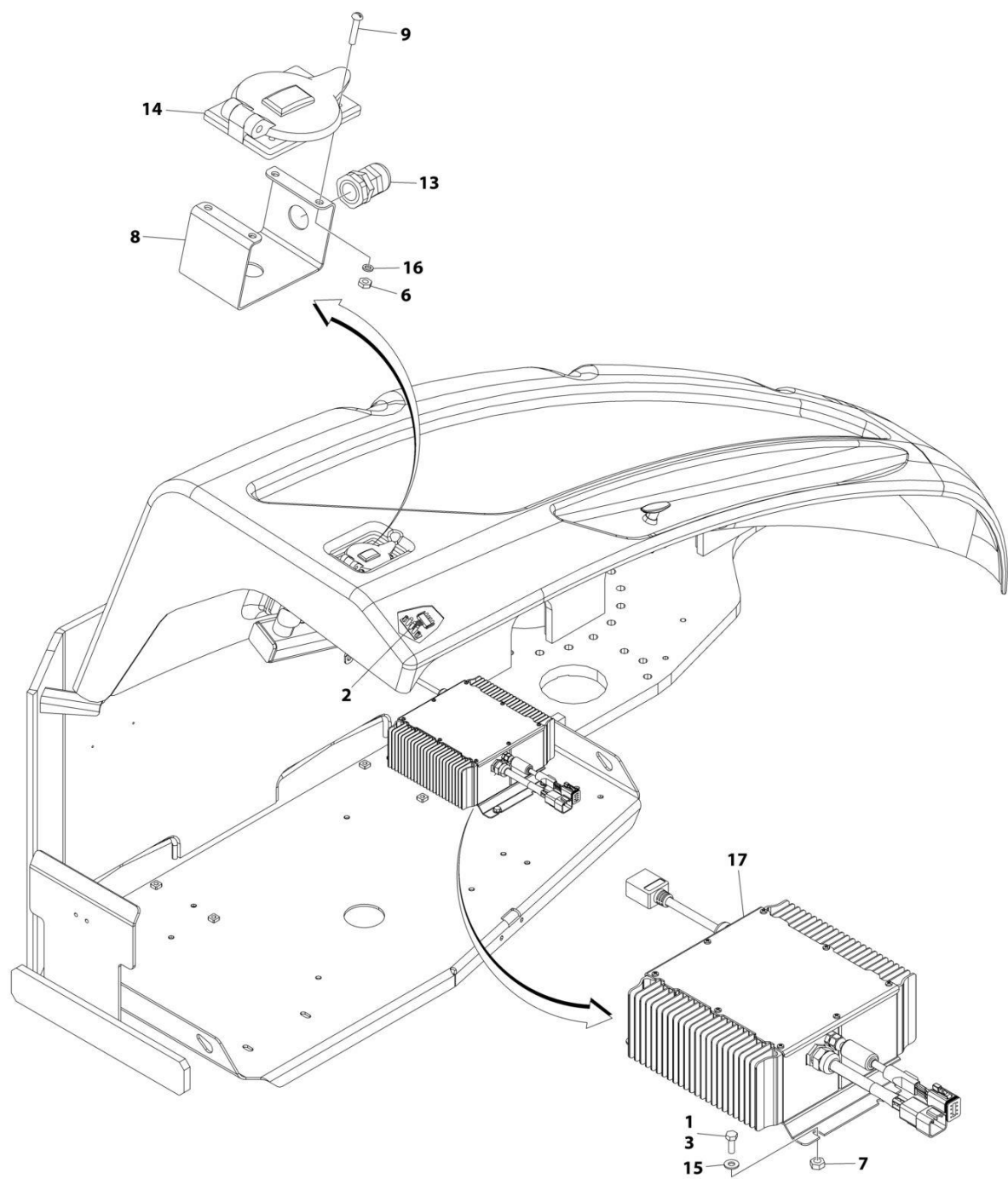
SECTION 2 - TURNTABLE

FIGURE 2-18. BATTERY CHARGER INSTALLATION - 120V-230V/45-65HZ (ALL SPECS EXCEPT UL SPECS) (PVC 2007)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251478	Ref	BATTERY CHARGER INSTALLATION - 120-230V/45-65HZ	A
1	0100011	AR	Compound, Locking	
2	0641408	4	Bolt 1/4 x 1	
3	1060813	1	Cable, LED (See Separate Breakdown in ELECTRICAL Section)	
4	3311001	4	Nut #10	
5	3571584	1	Plate, Mounting	
6	3911016	4	Screw #10 x 1	
7	4240032	2	Tie-Strap (Not Shown)	
8	4240033	AR	Tie-Strap (Not Shown)	
9	4460234	2	Mount, Tie-Strap (Not Shown)	
10	4460428	1	Connector, Strain Relief	
11	4460802	1	Cover, Terminal	
12	4711400	4	Washer 1/4	
13	4761000	4	Washer #10	
14	1001126185	1	AC Cord Cable	
15	1001251382	1	Charger	
16	1001259489	1	Lamp, Battery Charger LED	
17	1001259502	1	Harness, Charger (See Separate Breakdown in ELECTRICAL Section)	
18	1001259541	1	Harness, Eboom Can Splice (See Separate Breakdown in ELECTRICAL Section)	
19	1001259548	1	Harness, Can Jumper (See Separate Breakdown in ELECTRICAL Section)	
20	1001259560	1	Harness, Central Panel Can Buss (See Separate Breakdown in ELECTRICAL Section)	
21	1001260408	1	Harness, Charger DC Connection (See Separate Breakdown in ELECTRICAL Section)	

SECTION 2 - TURNTABLE

FIGURE 2-19. BATTERY CHARGER INSTALLATION - 120-240V/50-60HZ (ANSI, ANSI EXPORT, CHINA AND CSA SPECS)



ART_1001125779

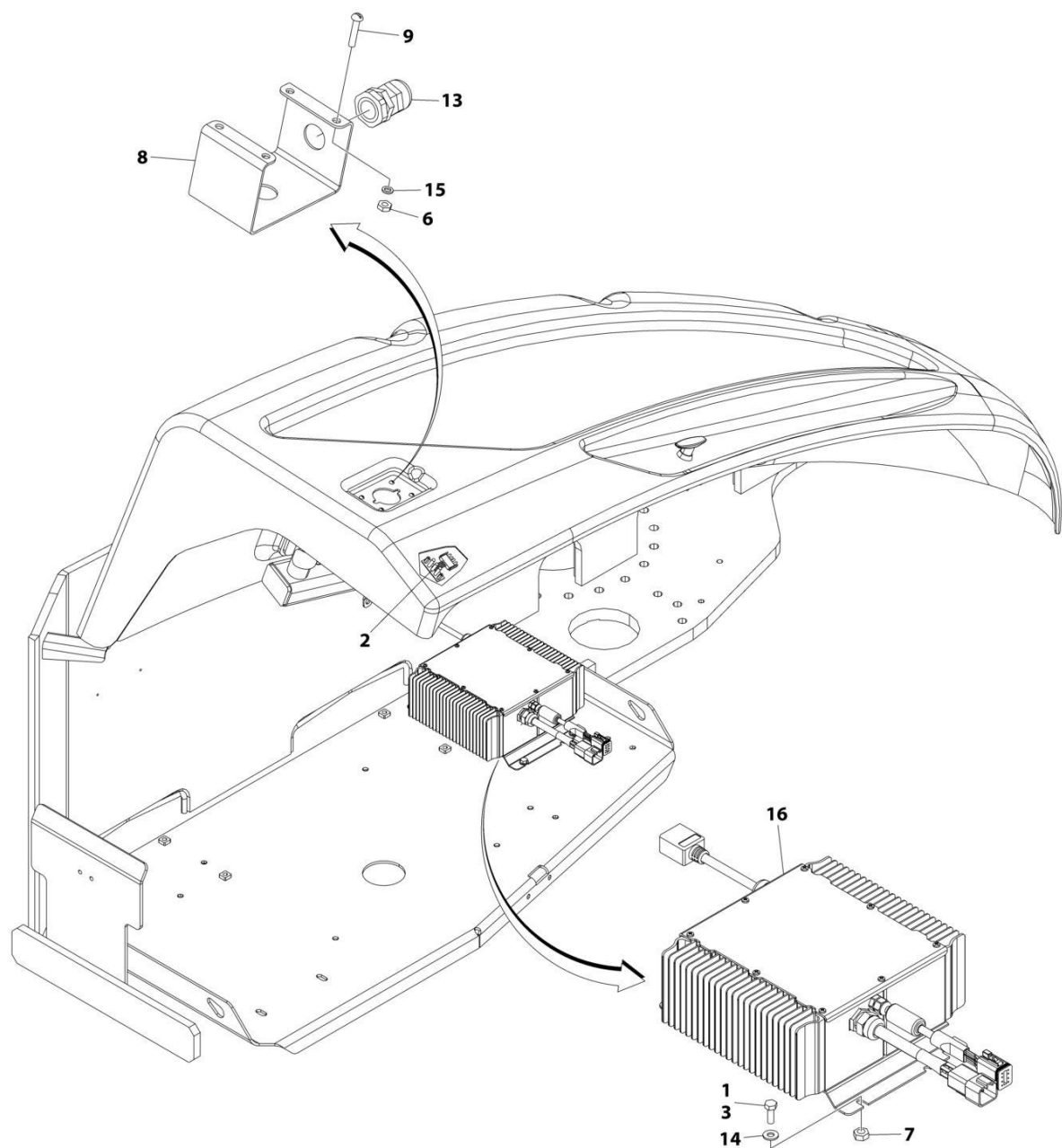
SECTION 2 - TURNTABLE

FIGURE 2-19. BATTERY CHARGER INSTALLATION - 120-240V/50-60HZ (ANSI, ANSI EXPORT, CHINA AND CSA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001125779	Ref	BATTERY CHARGER INSTALLATION - 120-240V/50-50-60HZ	F
1	0100011	AR	Compound, Locking	
2	0610131	1	Charger LED Assembly	
3	0641406	4	Bolt 1/4 x 3/4	
5	1060813	1	Cable, LED (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
6	3311001	4	Nut #10	
7	3311408	4	Nut 1/4	
8	3571584	1	Plate, Mounting	
9	3911016	4	Screw #10 x 1	
10	4240032	2	Tie-Strap (Not Shown)	
11	4240033	AR	Tie-Strap (Not Shown)	
12	4460234	2	Mount, Tie-Strap (Not Shown)	
13	4460428	1	Connector, Strain Relief	
14	4460802	1	Cover, Terminal	
15	4711400	4	Washer 1/4	
16	4761000	4	Washer #10	
17	1001103105	1	Battery Charger Assembly (See Separate Breakdown in ELECTRICAL SECTION)	
20	1001126185	1	AC Cord Cable (Not Shown)	

SECTION 2 - TURNTABLE

FIGURE 2-20. BATTERY CHARGER INSTALLATION - 120-240V/50-60HZ (CE SPECS) (PVC 2001)



ART_1001125778

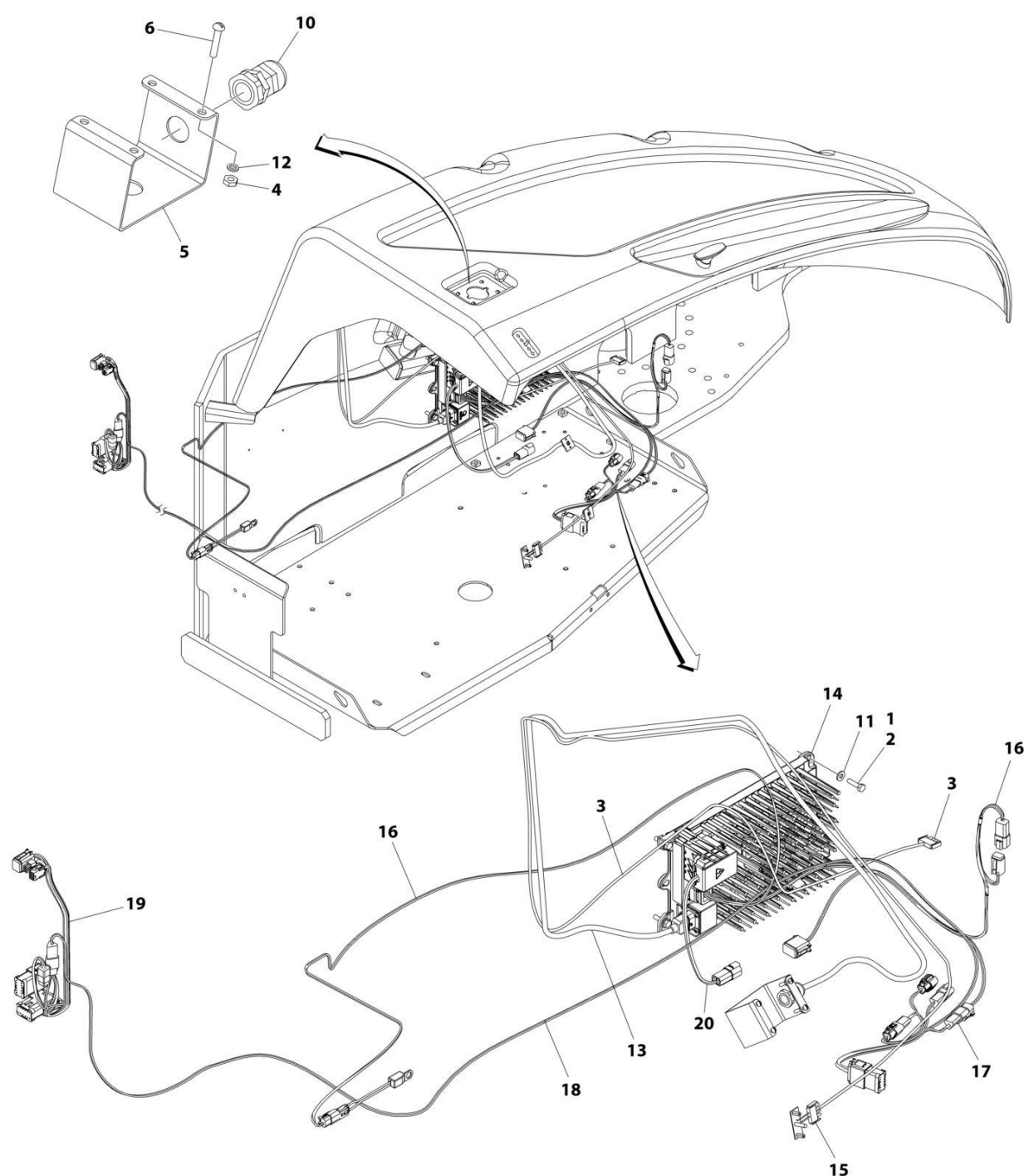
SECTION 2 - TURNTABLE

FIGURE 2-20. BATTERY CHARGER INSTALLATION - 120-240V/50-60HZ (CE SPECS) (PVC 2001)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001125778	Ref	BATTERY CHARGER INSTALLATION - 120-240V/50-60HZ	F
1	0100011	AR	Compound, Locking	
2	0610131	1	Charger LED Assembly	
3	0641406	4	Bolt 1/4 x 3/4	
5	1060813	1	Cable, LED (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
6	3311001	4	Nut #10	
7	3311408	4	Nut 1/4	
8	3571584	1	Plate, Mounting	
9	3911016	4	Screw #10 x 1	
10	4240032	2	Tie-Strap (Not Shown)	
11	4240033	AR	Tie-Strap (Not Shown)	
12	4460234	2	Mount, Tie-Strap (Not Shown)	
13	4460428	1	Connector, Strain Relief	
14	4711400	4	Washer 1/4	
15	4761000	4	Washer #10	
16	1001103105	1	Battery Charger Assembly (See Separate Breakdown in ELECTRICAL SECTION)	
19	1001126185	1	AC Cord Cable (Not Shown)	

SECTION 2 - TURNTABLE

FIGURE 2-21. BATTERY CHARGER INSTALLATION - 120-240V/50-60HZ (CE SPECS) (PVC 2007)



ART_1001251477

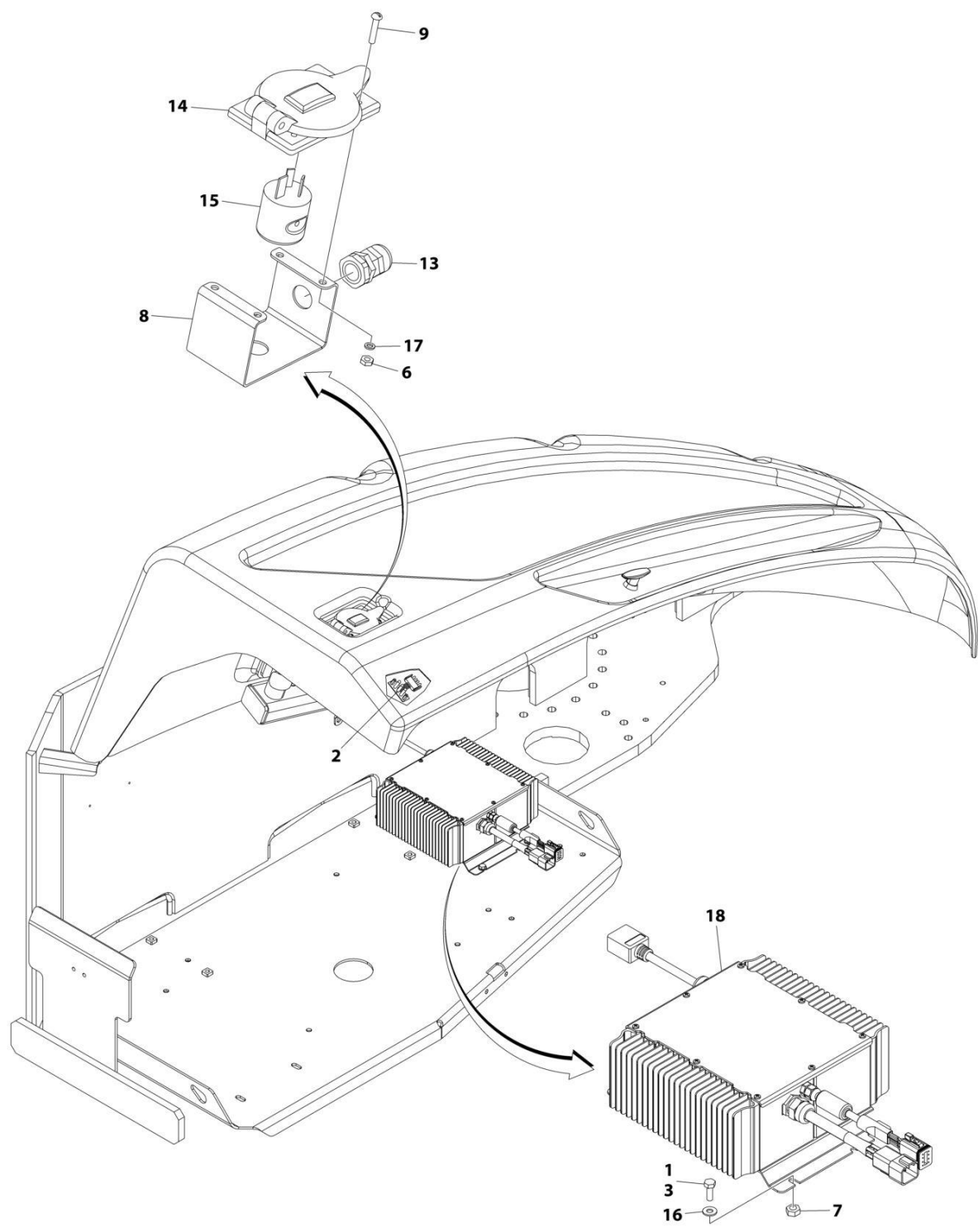
SECTION 2 - TURNTABLE

FIGURE 2-21. BATTERY CHARGER INSTALLATION - 120-240V/50-60HZ (CE SPECS) (PVC 2007)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251477	Ref	BATTERY CHARGER INSTALLATION - 120-240V/50-60HZ	A
1	0100011	AR	Compound, Locking	
2	0641408	4	Bolt 1/4 x 1	
3	1060813	1	Cable, LED (See Separate Breakdown in ELECTRICAL Section)	
4	3311001	4	Nut #10	
5	3571584	1	Plate, Mounting	
6	3911016	4	Screw #10 x 1	
7	4240032	2	Tie-Strap (Not Shown)	
8	4240033	AR	Tie-Strap (Not Shown)	
9	4460234	2	Mount, Tie-Strap (Not Shown)	
10	4460428	1	Connector, Strain Relief	
11	4711400	4	Washer 1/4	
12	4761000	4	Washer #10	
13	1001126185	1	AC Cord Cable	
14	1001251382	1	Charger	
15	1001259489	1	Lamp, Battery Charger LED	
16	1001259502	1	Harness, Charger (See Separate Breakdown in ELECTRICAL Section)	
17	1001259541	1	Harness, Eboom Can Splice (See Separate Breakdown in ELECTRICAL Section)	
18	1001259548	1	Harness, Can Jumper (See Separate Breakdown in ELECTRICAL Section)	
19	1001259560	1	Harness, Central Panel Can Buss (See Separate Breakdown in ELECTRICAL Section)	
20	1001260408	1	Harness, Charger DC Connection (See Separate Breakdown in ELECTRICAL Section)	

SECTION 2 - TURNTABLE

FIGURE 2-22. BATTERY CHARGER INSTALLATION - 250V/50HZ (ANSI EXPORT, AUSTRALIAN AND CHINA SPECS) (PVC 2001)



ART_1001125781

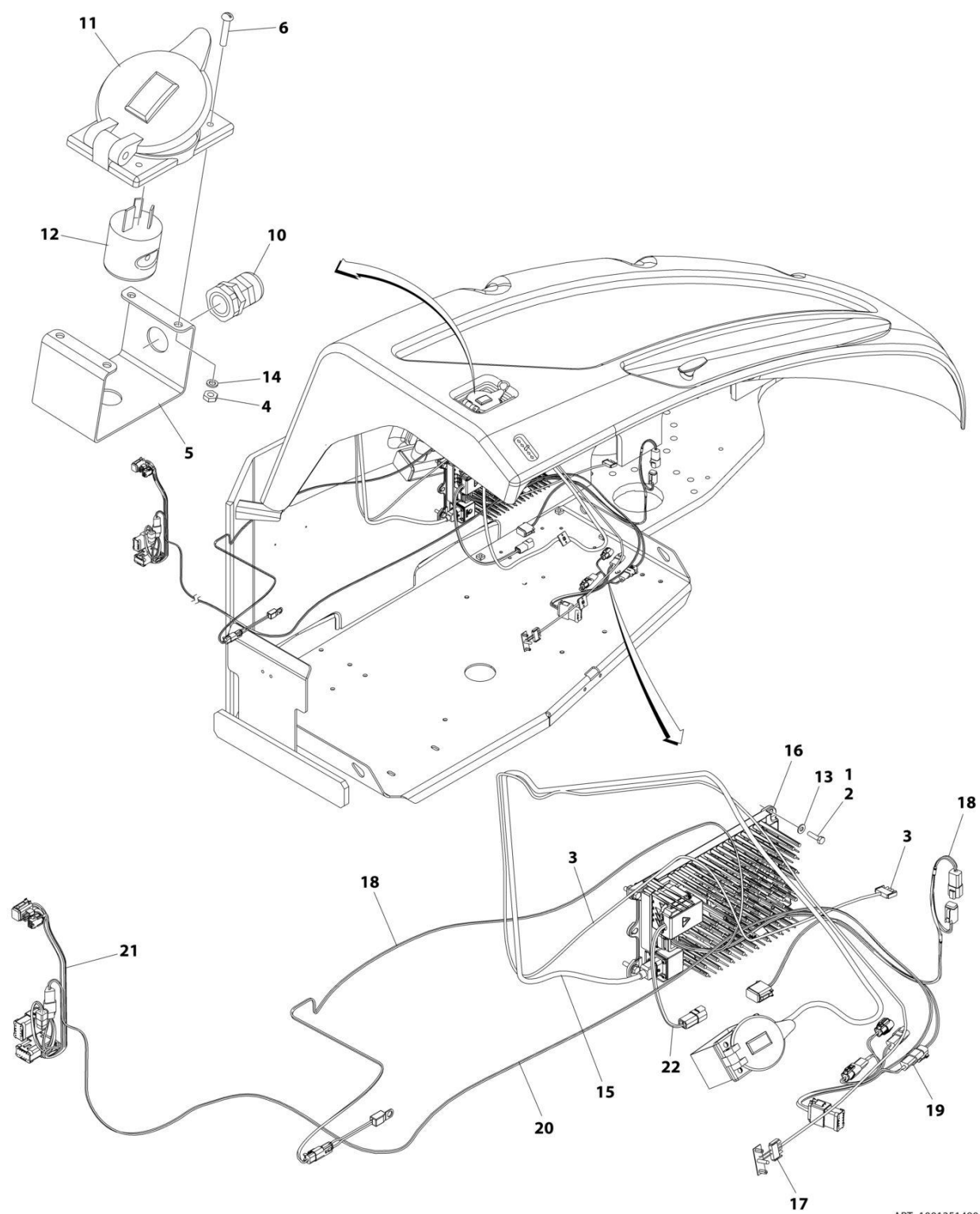
SECTION 2 - TURNTABLE

FIGURE 2-22. BATTERY CHARGER INSTALLATION - 250V/50HZ (ANSI EXPORT, AUSTRALIAN AND CHINA SPECS) (PVC 2001)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001125781	Ref	BATTERY CHARGER INSTALLATION - 250V/50HZ	G
1	0100011	AR	Compound, Locking	
2	0610131	1	Charger LED Assembly	
3	0641406	4	Bolt 1/4 x 3/4	
5	1060813	1	Cable, LED (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
6	3311001	4	Nut #10	
7	3311408	4	Nut 1/4	
8	3571584	1	Plate, Mounting	
9	3911016	4	Screw #10 x 1	
10	4240032	2	Tie-Strap (Not Shown)	
11	4240033	AR	Tie-Strap (Not Shown)	
12	4460234	2	Mount, Tie-Strap (Not Shown)	
13	4460428	1	Connector, Strain Relief	
14	4460802	1	Cover, Terminal	
15	4460805	1	Terminal, Plug	
16	4711400	4	Washer 1/4	
17	4761000	4	Washer #10	
18	1001103105	1	Battery Charger Assembly (See Separate Breakdown in ELECTRICAL SECTION)	
21	1001126185	1	AC Cord Cable (Not Shown)	

SECTION 2 - TURNTABLE

FIGURE 2-23. BATTERY CHARGER INSTALLATION - 250V/50HZ (ANSI EXPORT, AUSTRALIAN AND CHINA SPECS) (PVC 2007)



ART_1001251480

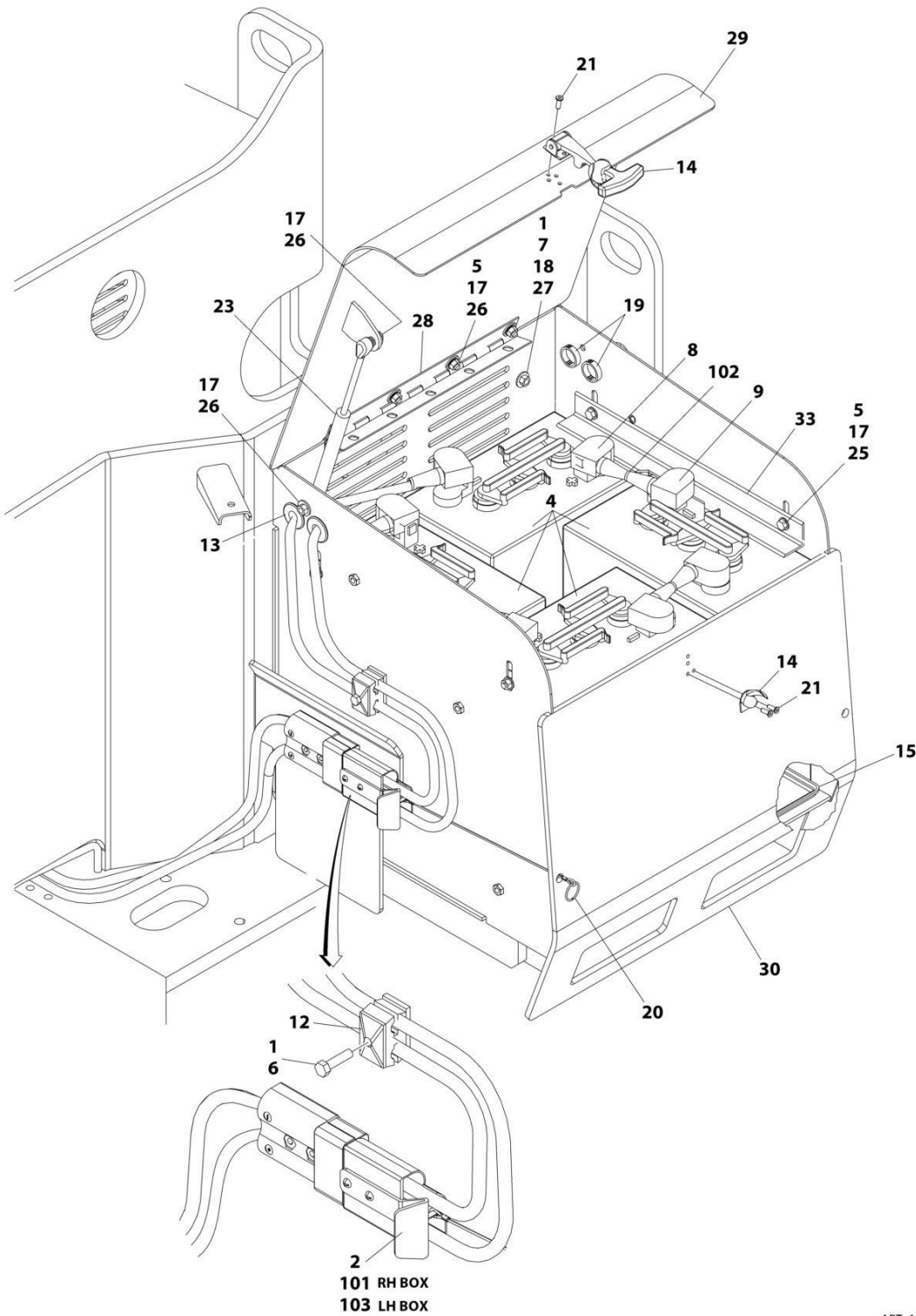
SECTION 2 - TURNTABLE

FIGURE 2-23. BATTERY CHARGER INSTALLATION - 250V/50HZ (ANSI EXPORT, AUSTRALIAN AND CHINA SPECS) (PVC 2007)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251480	Ref	BATTERY CHARGER INSTALLATION - 250V/50HZ	A
1	0100011	AR	Compound, Locking	
2	0641408	4	Bolt 1/4 x 1	
3	1060813	1	Cable, LED (See Separate Breakdown in ELECTRICAL Section)	
4	3311001	4	Nut #10	
5	3571584	1	Plate, Mounting	
6	3911016	4	Screw #10 x 1	
7	4240032	2	Tie-Strap (Not Shown)	
8	4240033	AR	Tie-Strap (Not Shown)	
9	4460234	2	Mount, Tie-Strap (Not Shown)	
10	4460428	1	Connector, Strain Relief	
11	4460802	1	Cover, Terminal	
12	4460805	1	Terminal, Plug	
13	4711400	4	Washer 1/4	
14	4761000	4	Washer #10	
15	1001126185	1	AC Cord Cable	
16	1001251382	1	Charger	
17	1001259489	1	Lamp, Battery Charger	
18	1001259502	1	Harness, Charger (See Separate Breakdown in ELECTRICAL Section)	
19	1001259541	1	Harness, Eboom Can Splice (See Separate Breakdown in ELECTRICAL Section)	
20	1001259548	1	Harness, Can Jumper (See Separate Breakdown in ELECTRICAL Section)	
21	1001259560	1	Harness, Central Panel Can Buss (See Separate Breakdown in ELECTRICAL Section)	
22	1001260408	1	Harness, Charger DC connection (See Separate Breakdown in ELECTRICAL Section)	

SECTION 2 - TURNTABLE

FIGURE 2-24. BATTERY BOX INSTALLATION - STANDARD BATTERIES



ART_1001183373

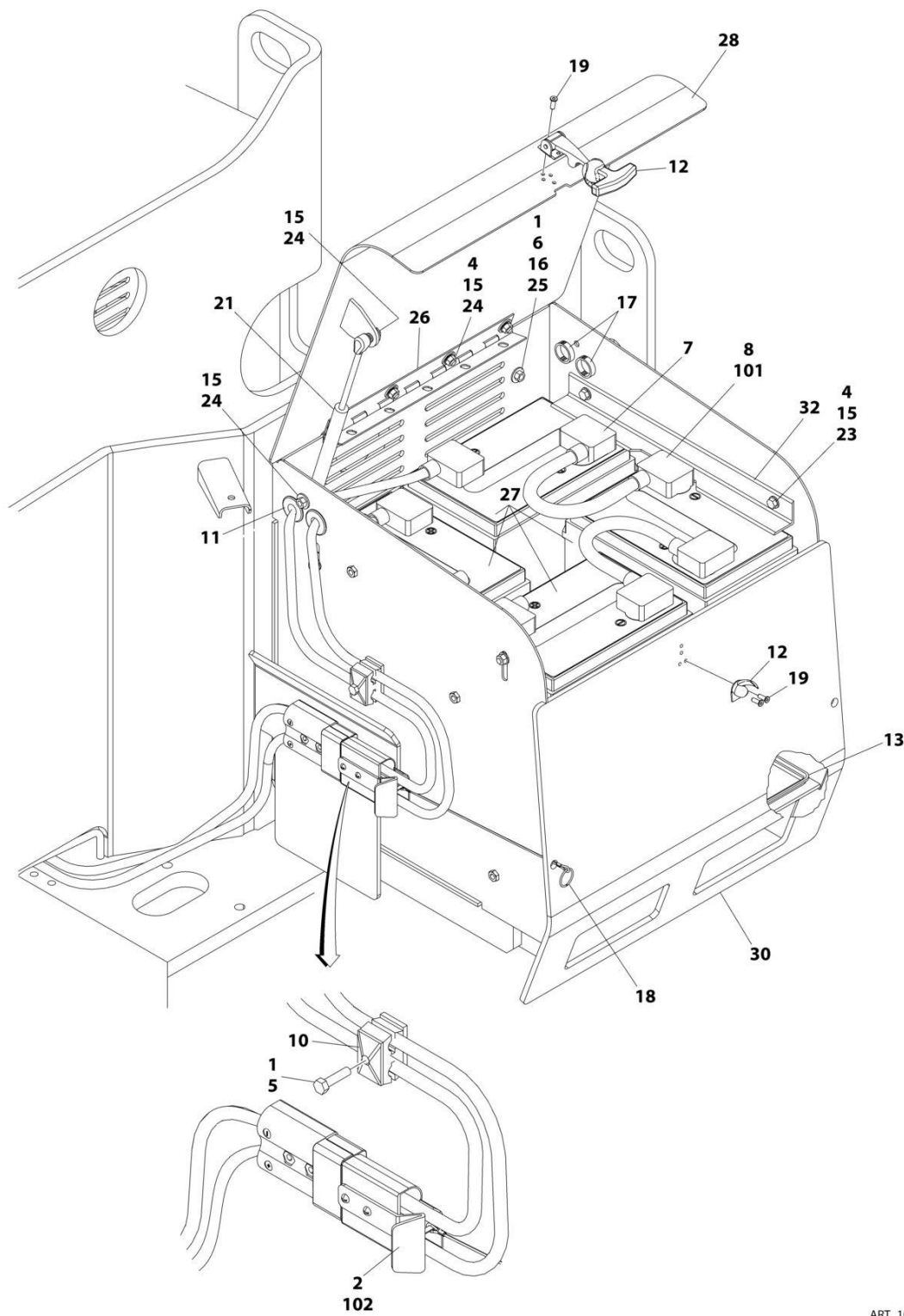
SECTION 2 - TURNTABLE

FIGURE 2-24. BATTERY BOX INSTALLATION - STANDARD BATTERIES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183373	Ref	BATTERY BOX INSTALLATION - STANDARD BATTERIES	D
1	0100011	AR	Compound, Locking	
2	0100048	AR	Grease, Dielectric	
4	0400202	8	Battery	
5	0641506	26	Bolt 5/16 x 3/4	
6	0641510	2	Bolt 5/16 x 1-1/4	
7	0641820	4	Bolt 1/2 x 2-1/2	
8	0840031	8	Boot, Terminal (d Shaped)	
9	0840032	8	Boot, Terminal (b Shaped)	
12	1320159	2	Clamp	
13	2540020	4	Grommet	
14	2940095	2	Latch	
15	3000014	2	Liner, Battery Box	
17	3311505	30	Nut 5/16	
18	3311801	4	Nut 1/2	
19	3520031	4	Plug, Hole	
20	3760170	2	Ring, Split	
21	3820017	8	Rivet	
23	1001233560	2	Spring, Gas	
25	4711500	16	Washer 5/16	
26	4751500	40	Washer 5/16	
27	4751800	8	Washer 1/2	
28	1001096148	2	Hinge	
29	1001172260	2	Lid, Battery Box	
30	1001172876	2	Box, Battery	
31	1001176711	1	Sensor, Temperature (Not Shown - Located in LH Side Battery Box)	
33	1001179842	4	Angle, Hold-Down	
100	1001205056	1	Battery Cable Kit (Includes Items 101-103)	
101	1060803	1	Cable Assembly - Battery Box Internal (RH Side) (See Separate Breakdown in ELECTRICAL Section)	
102	1060848	6	Cable, Battery (Terminal to Terminal)	
103	1001194037	1	Cable Assembly - Battery Box Internal (LH Side) (See Separate Breakdown in ELECTRICAL Section)	

SECTION 2 - TURNTABLE

FIGURE 2-25. BATTERY BOX INSTALLATION - AGM BATTERIES



ART_1001183375

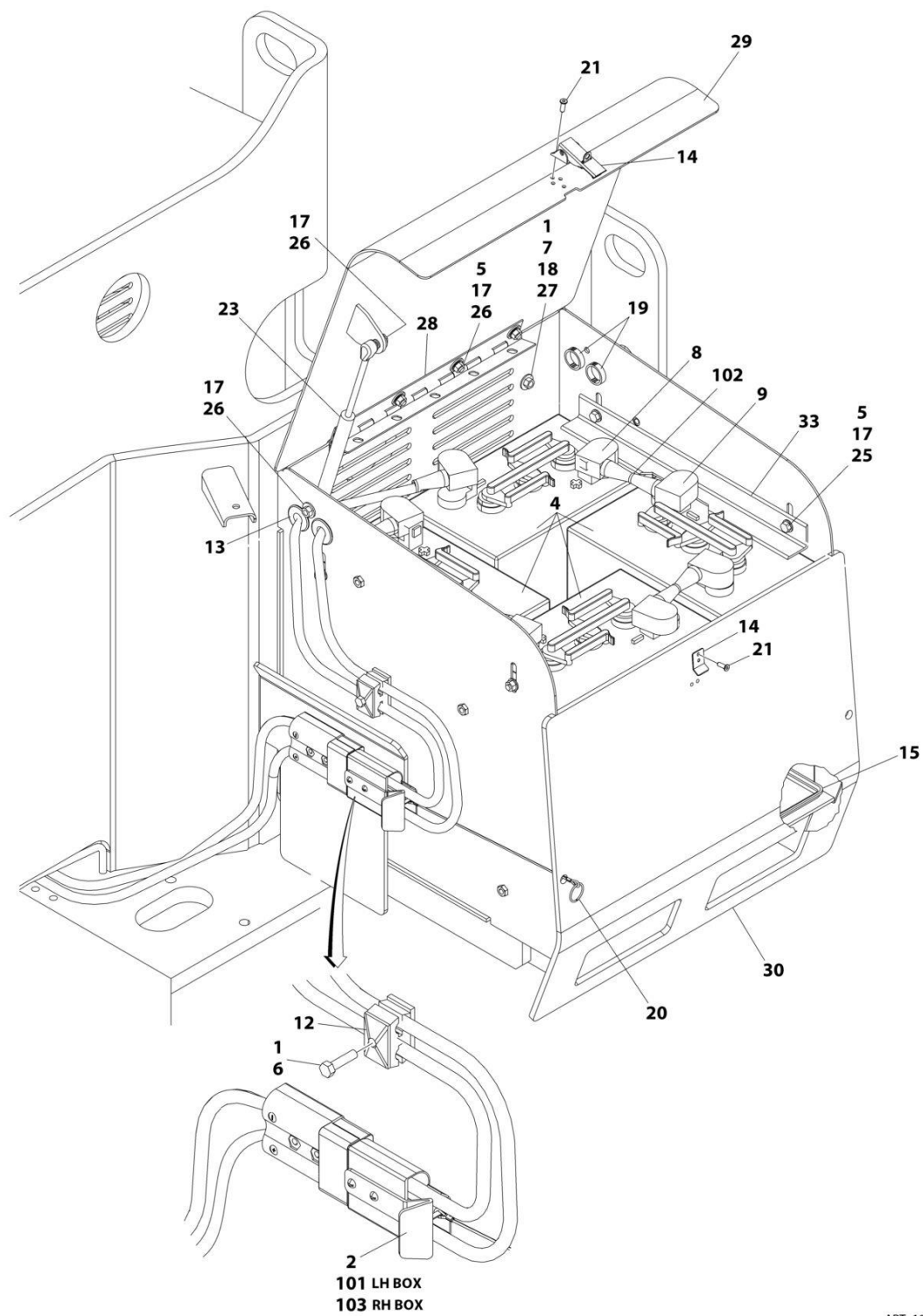
SECTION 2 - TURNTABLE

FIGURE 2-25. BATTERY BOX INSTALLATION - AGM BATTERIES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183375	Ref	BATTERY BOX INSTALLATION - AGM BATTERIES	E
1	0100011	AR	Compound, Locking	
2	0100048	AR	Grease, Dielectric	
4	0641506	26	Bolt 5/16 x 3/4	
5	0641510	2	Bolt 5/16 x 1-1/4	
6	0641820	4	Bolt 1/2 x 2-1/2	
7	0840048	8	Boot, Terminal (d Shaped)	
8	0840049	8	Boot, Terminal (b Shaped)	
10	1320159	2	Clamp	
11	2540020	4	Grommet	
12	2940095	2	Latch	
13	3000014	2	Liner, Battery Box	
15	3311505	30	Nut 5/16	
16	3311801	4	Nut 1/2	
17	3520031	4	Plug, Hole	
18	3760170	2	Ring, Split	
19	3820017	8	Rivet	
21	1001233560	2	Spring, Gas	
23	4711500	16	Washer 5/16	
24	4751500	40	Washer 5/16	
25	4751800	8	Washer 1/2	
26	1001096148	2	Hinge	
27	1001228392	8	Battery	
28	1001172260	2	Lid, Battery Box	
30	1001172876	2	Box, Battery	
31	1001176711	1	Sensor, Temperature (Not Shown - Located in LH Side Battery Box)	
32	1001179842	4	Angle, Hold-Down	
100	1001228858	1	Battery Cable Kit (Includes Items 101-102)	
101	1001228395	6	Cable, Battery (Terminal to Terminal)	
102	1001228857	2	Cable Assembly - Battery Box Internal (See Separate Breakdown in ELECTRICAL Section)	

SECTION 2 - TURNTABLE

FIGURE 2-26. BATTERY BOX INSTALLATION (UL SPECS)



ART_1001183374

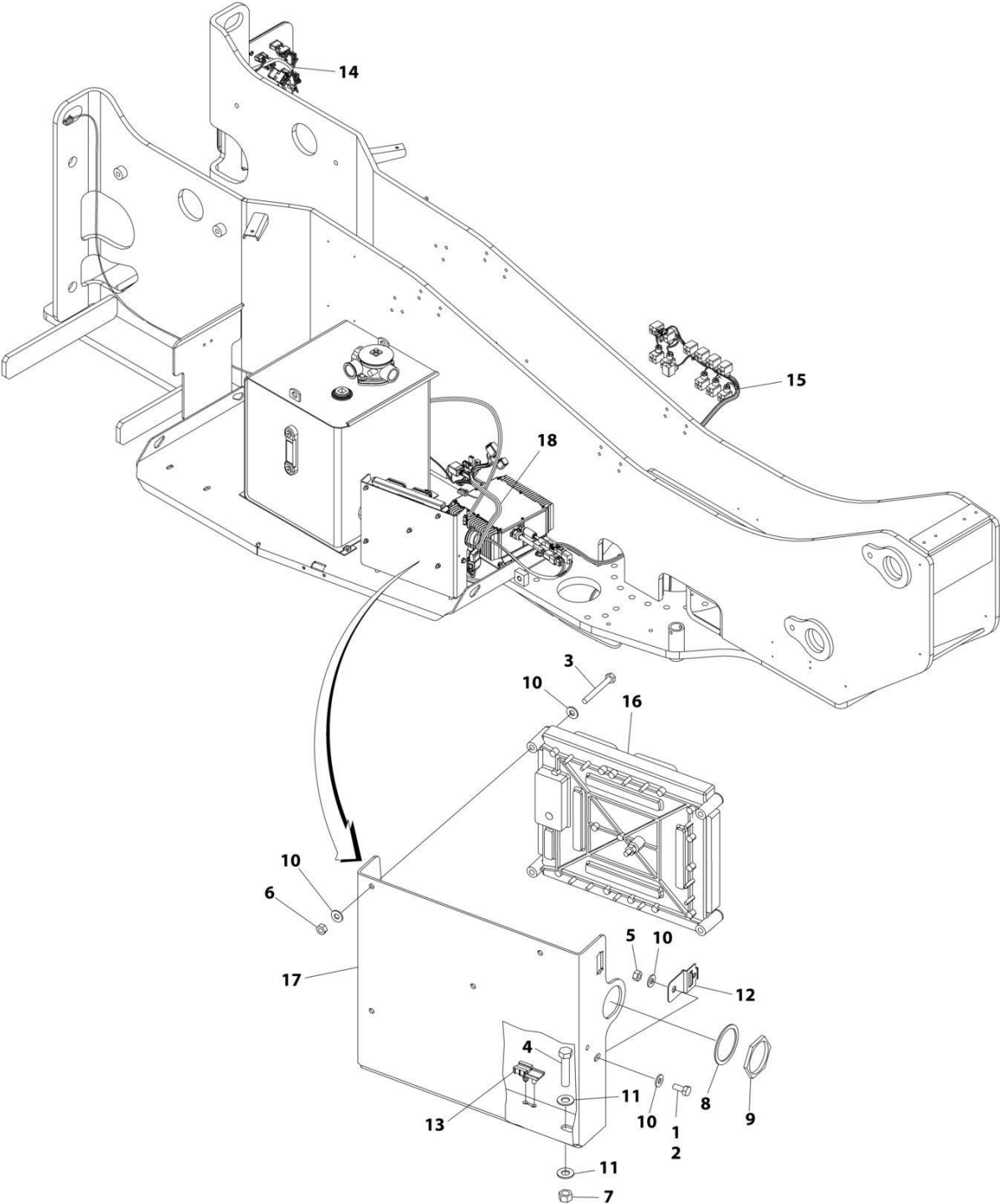
SECTION 2 - TURNTABLE

FIGURE 2-26. BATTERY BOX INSTALLATION (UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183374	Ref	BATTERY BOX INSTALLATION (UL SPECS)	D
1	0100011	AR	Compound, Locking	
2	0100048	AR	Grease, Dielectric	
4	0400202	8	Battery	
5	0641506	26	Bolt 5/16 x 3/4	
6	0641510	2	Bolt 5/16 x 1-1/4	
7	0641820	4	Bolt 1/2 x 2-1/2	
8	0840031	8	Boot, Terminal (d Shaped)	
9	0840032	8	Boot, Terminal (b Shaped)	
12	1320159	2	Clamp	
13	2540020	4	Grommet	
14	2940130	2	Latch (Lockable)	
15	3000014	2	Liner, Battery Box	
17	3311505	30	Nut 5/16	
18	3311801	4	Nut 1/2	
19	3520031	4	Plug, Hole	
20	3760170	2	Ring, Split	
21	3820017	8	Rivet	
23	1001233560	2	Spring, Gas	
25	4711500	16	Washer 5/16	
26	4751500	40	Washer 5/16	
27	4751800	8	Washer 1/2	
28	1001096148	2	Hinge	
29	1001172260	2	Lid, Battery Box	
30	1001172876	2	Box, Battery	
31	1001176711	1	Sensor, Temperature (Not Shown - Located in LH Side Battery Box)	
33	1001179842	4	Angle, Hold-Down	
100	1001205056	1	Battery Cable Kit (Includes Items 101-103)	
101	1060803	1	Cable Assembly - Battery Box Internal (LH Side) (See Separate Breakdown in ELECTRICAL Section)	
102	1060848	6	Cable, Battery (Terminal to Terminal)	
103	1001194037	1	Cable Assembly - Battery Box Internal (RH Side) (See Separate Breakdown in ELECTRICAL Section)	

SECTION 2 - TURNTABLE

FIGURE 2-27. GROUND CONTROL ELECTRICAL SYSTEM INSTALLATION



ART_1001248324

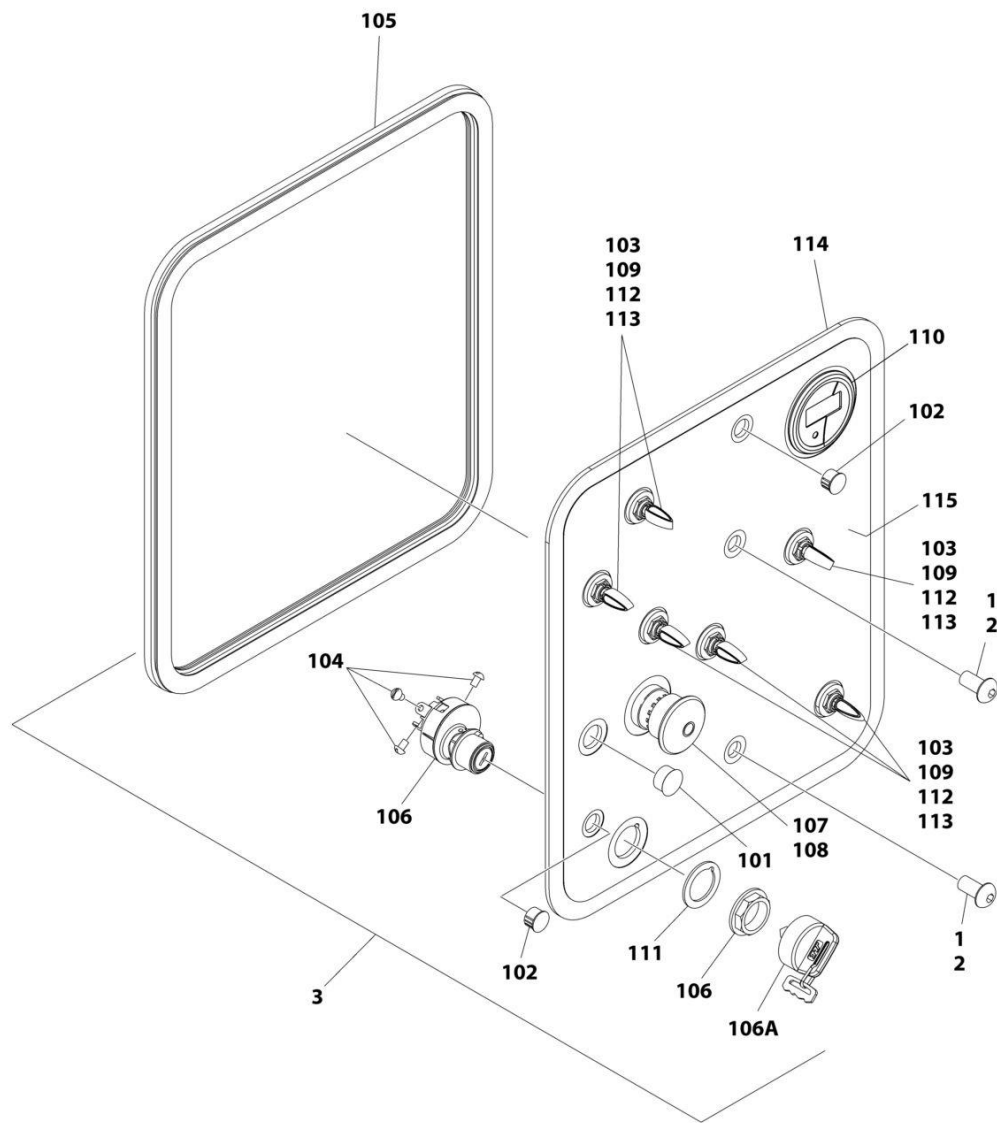
SECTION 2 - TURNTABLE

FIGURE 2-27. GROUND CONTROL ELECTRICAL SYSTEM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248324	Ref	GROUND CONTROL ELECTRICAL SYSTEM INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0641405	1	Bolt 1/4 x 5/8	
3	0641418	5	Bolt 1/4 x 2-1/4	
4	0641614	2	Bolt 3/8 x 1-3/4	
5	3311401	1	Nut 1/4	
6	3311405	5	Nut 1/4	
7	3311605	2	Nut 3/8	
8	4460470	1	Nut, Terminal	
9	4460471	1	Washer, Terminal	
10	4711400	12	Washer 1/4	
11	4711600	4	Washer 3/8	
12	1001153749	1	Clip	
13	1001173387	1	Clip, Connector Mount	
14	1001182477	1	Ground Control Harness (See Separate Breakdown in ELECTRICAL Section)	
15	1001255919	1	Lower Valve Harness (See Separate Breakdown in ELECTRICAL Section)	
16	1001182700	1	Module, Ground (Note: Re-calibration Required when Replaced)	
17	1001183229	1	Plate, Base	
18	1001245675	1	Turntable Harness (See Separate Breakdown in ELECTRICAL Section)	

SECTION 2 - TURNTABLE

FIGURE 2-28. GROUND CONTROL PANEL INSTALLATION (EC600SJ/H600SJ) (ALL SPECS EXCEPT CE SPECS)



ART_1001249330

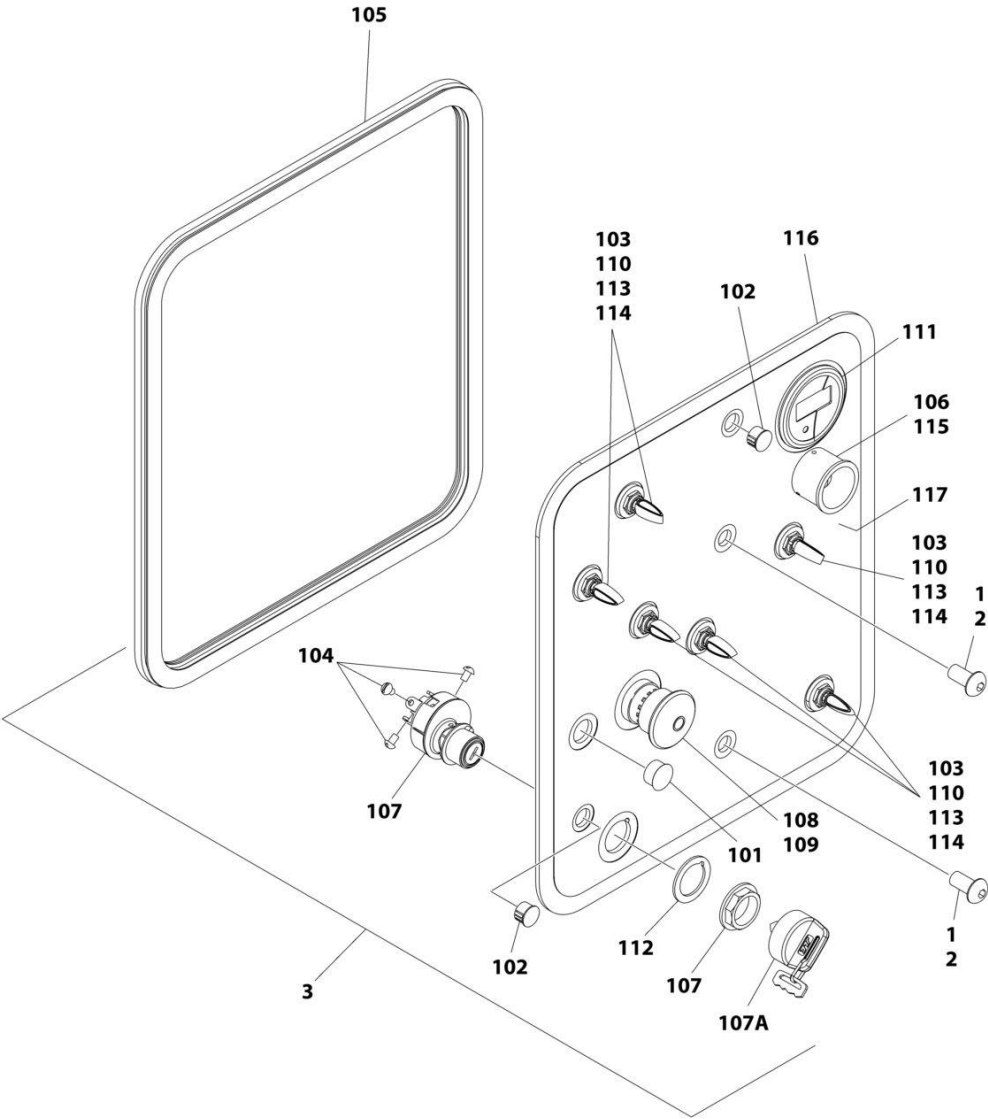
SECTION 2 - TURNTABLE

FIGURE 2-28. GROUND CONTROL PANEL INSTALLATION (EC600SJ/H600SJ) (ALL SPECS EXCEPT CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001249330	Ref	GROUND CONTROL PANEL INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	3900283	2	Screw	
3	1001203823	1	Ground Control Panel Assembly	A
101	3520026	1	Plug, Hole	
102	3520028	2	Plug, Hole	
103	3790012	6	O-Ring	
104	3910804	6	Screw #8 x 1/2	
105	3960447	51 in/1.3m	Seal	
106	4360469	1	Keyswitch	
106A	2860030	1	Key, Replacement	
107	4360475	1	Switch, Emergency Stop	
107	7020175	1	Mushroom Head	
107	7020176	1	Block, Contact	
108	4360476	1	Block, Contact	
109	4740397	6	Spacer, Washer	
110	1001109503	1	Gauge, Indicator	
111	1001151393	1	Shim, Nylon .063	
112	1001155044	6	Nut 15/32	
113	1001155045	6	Switch, Toggle	
114	1001188058	1	Plate, Ground Control	
115	1001249332	1	Decal - Control Panel	

SECTION 2 - TURNTABLE

FIGURE 2-29. GROUND CONTROL PANEL INSTALLATION (EC600SJ/H600SJ) (CE SPECS)



ART_1001248333

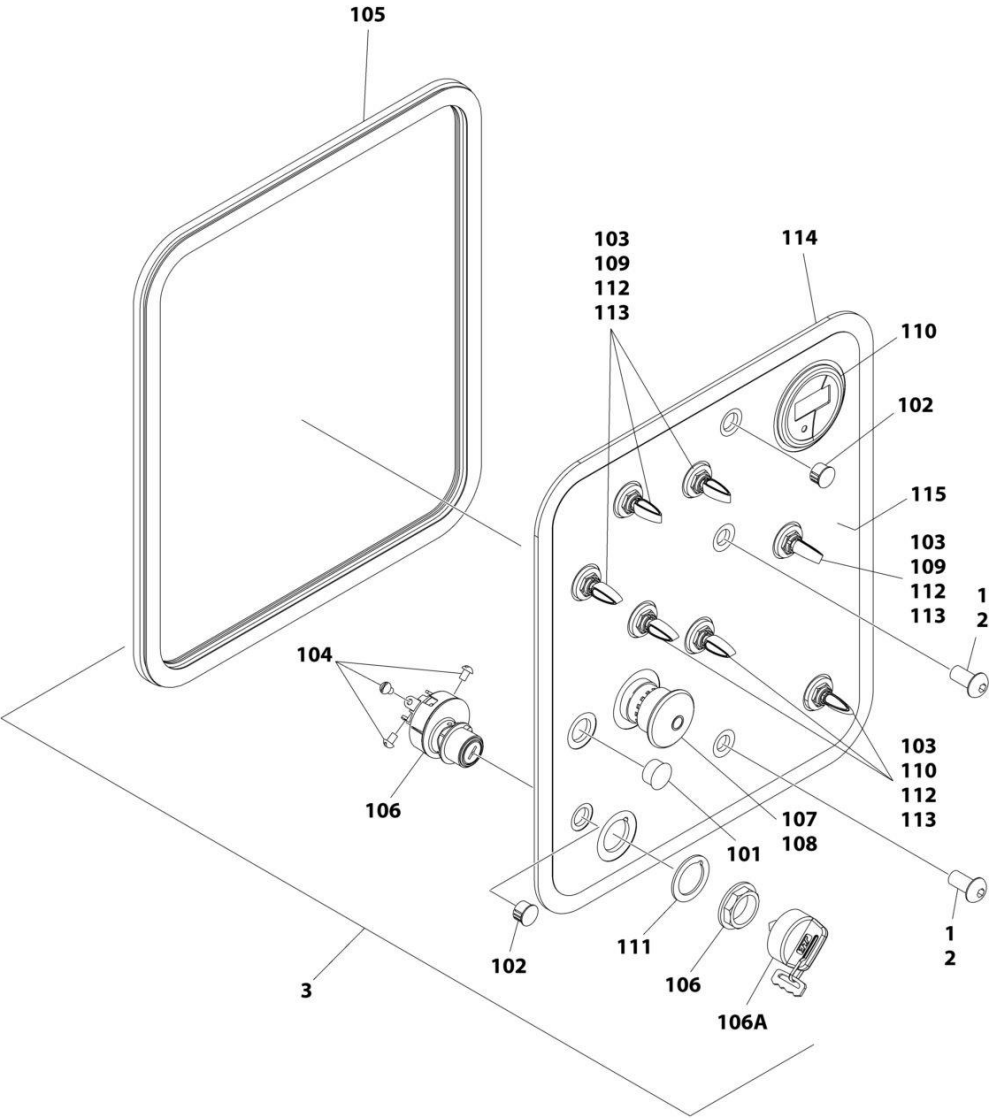
SECTION 2 - TURNTABLE

FIGURE 2-29. GROUND CONTROL PANEL INSTALLATION (EC600SJ/H600SJ) (CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248333	Ref	GROUND CONTROL PANEL INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	3900283	2	Screw, Button Head	
3	1001248334	1	Ground Control Panel Assembly	B
101	3520026	1	Plug, Hole	
102	3520028	3	Plug, Hole	
103	3790012	6	O-Ring	
104	3910804	6	Screw #8 x 1/2	
105	3960447	51 in/1.3m	Seal	
106	4360387	1	Switch, Push Button	
107	4360469	1	Keyswitch	
107A	2860030	1	Key, Replacement	
108	4360475	1	Switch, Emergency Stop	
108	7020175	1	Mushroom Head	
108	7020176	1	Block, Contact	
109	4360476	1	Block, Contact	
110	4740397	6	Spacer, Washer	
111	1001109503	1	Gauge, Indicator	
112	1001151393	1	Shim, Nylon .063	
113	1001155044	6	Nut 15/32 UNS-2B	
114	1001155045	6	Switch, Toggle	
115	1001176469	1	Shroud	
116	1001188058	1	Plate, Ground Control	
117	1001248335	1	Decal - Control Panel	

SECTION 2 - TURNTABLE

FIGURE 2-30. GROUND CONTROL PANEL INSTALLATION (EC600SJP/H600SJP) (ALL SPECS EXCEPT CE SPECS)



ART_1001249333

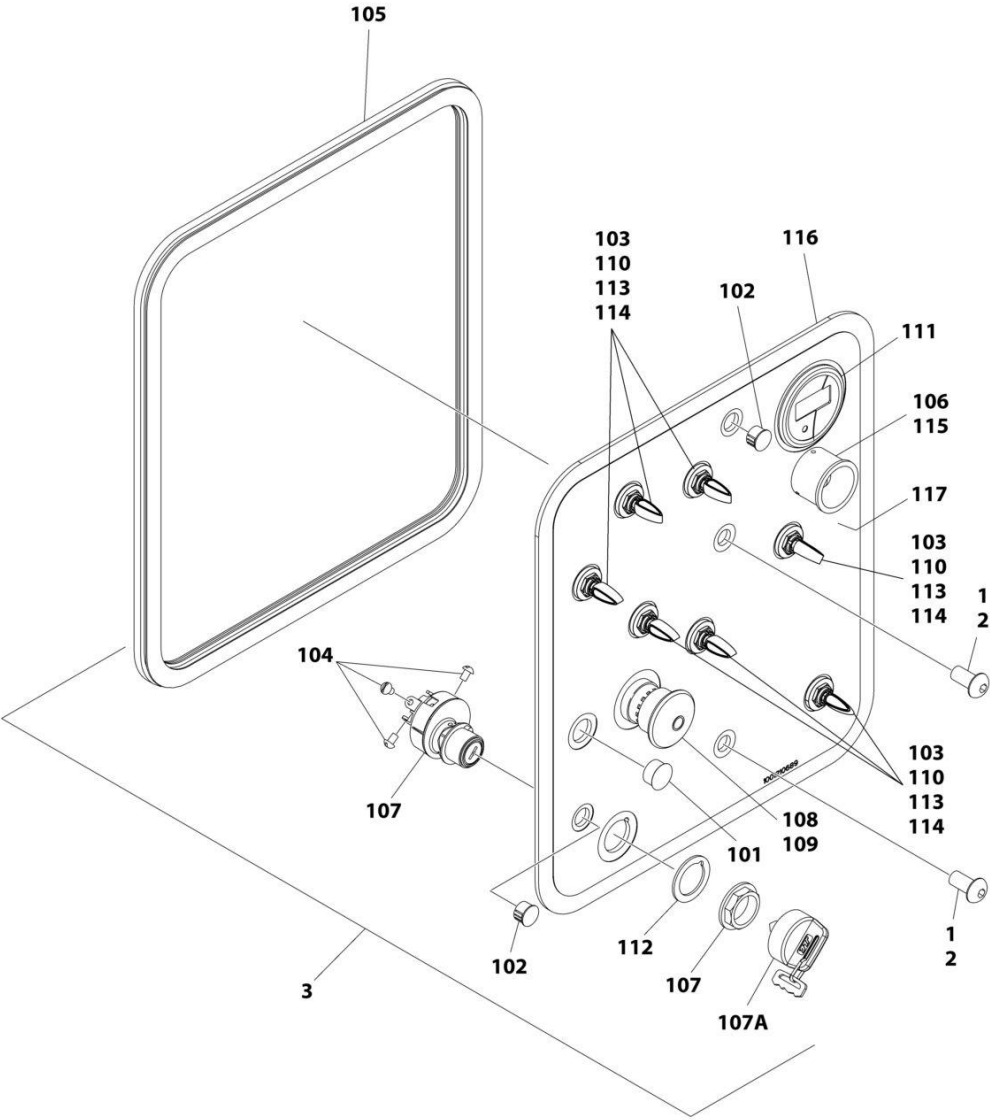
SECTION 2 - TURNTABLE

FIGURE 2-30. GROUND CONTROL PANEL INSTALLATION (EC600SJP/H600SJP) (ALL SPECS EXCEPT CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001249333	Ref	GROUND CONTROL PANEL INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	3900283	2	Screw, Button Head	
3	1001249334	1	Ground Control Panel Assembly	B
101	3520026	1	Plug, Hole	
102	3520028	2	Plug, Hole	
103	3790012	7	O-Ring	
104	3910804	6	Screw #8 x 1/2	
105	3960447	51 in/1.3m	Seal	
106	4360469	1	Keyswitch	
106A	2860030	1	Key, Replacement	
107	4360475	1	Switch, Emergency Stop	
107	7020175	1	Mushroom Head	
107	7020176	1	Block, Contact	
108	4360476	1	Block, Contact	
109	4740397	7	Spacer, Washer	
110	1001109503	1	Gauge, Indicator	
111	1001151393	1	Shim, Nylon .063	
112	1001155044	7	Nut 15/32 UNS-2B	
113	1001155045	7	Switch, Toggle	
114	1001188058	1	Plate, Ground Control	
115	1001249335	1	Decal - Control Panel	

SECTION 2 - TURNTABLE

FIGURE 2-31. GROUND CONTROL PANEL INSTALLATION (EC600SJP/H600SJP) (CE SPECS)



ART_1001248336

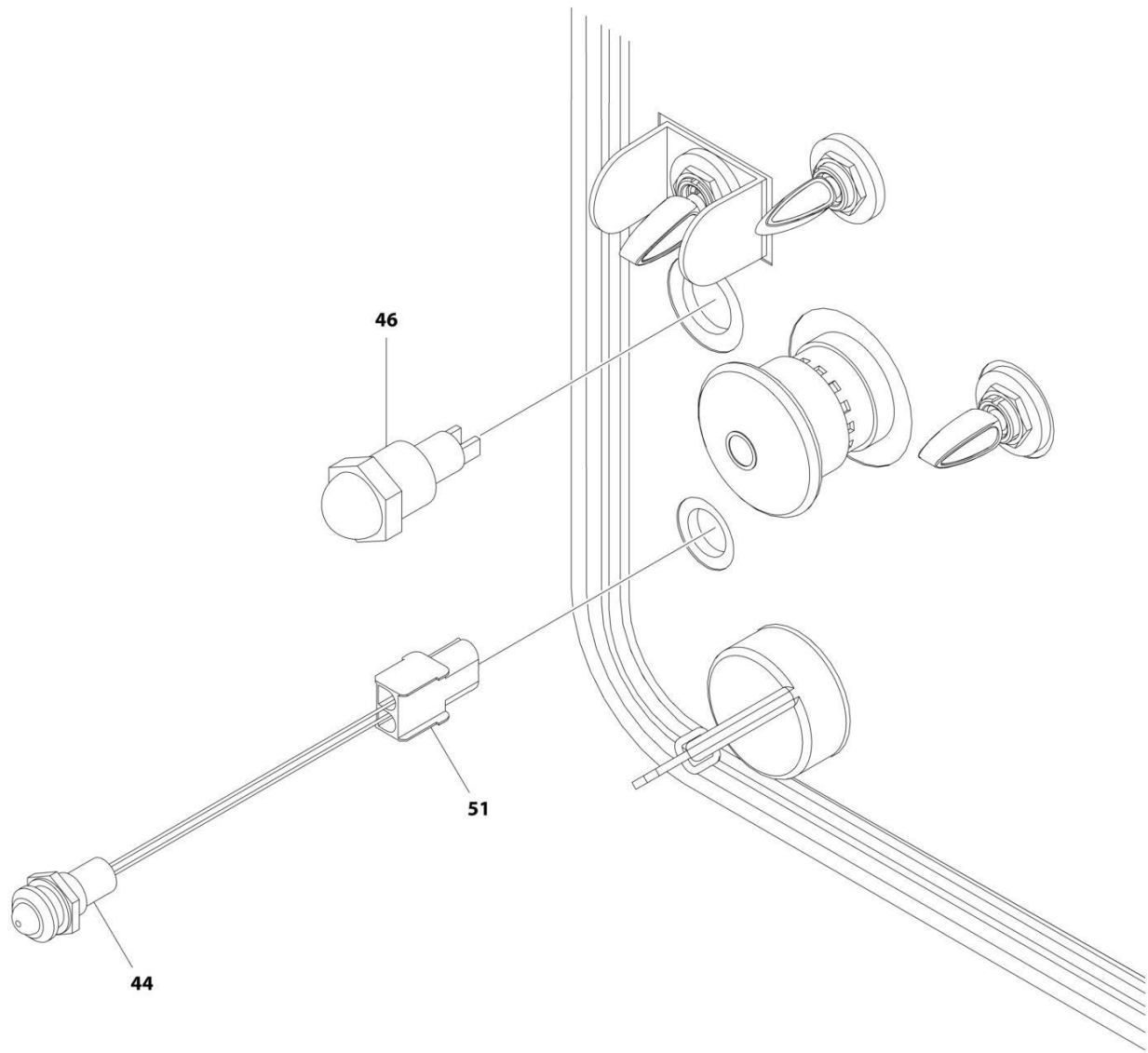
SECTION 2 - TURNTABLE

FIGURE 2-31. GROUND CONTROL PANEL INSTALLATION (EC600SJP/H600SJP) (CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248336	Ref	GROUND CONTROL PANEL INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	3900283	2	Screw, Button Head	
3	1001248337	1	Ground Control Panel Assembly	B
101	3520026	1	Plug, Hole	
102	3520028	3	Plug, Hole	
103	3790012	7	O-Ring	
104	3910804	6	Screw #8 x 1/2	
105	3960447	51 in/1.3m	Seal	
106	4360387	1	Switch, Push Button	
107	4360469	1	Keyswitch	
107A	2860030	1	Key, Replacement	
108	4360475	1	Switch, Emergency Stop	
108	7020175	1	Mushroom Head	
108	7020176	1	Block, Contact	
109	4360476	1	Block, Contact	
110	4740397	7	Spacer, Washer	
111	1001109503	1	Gauge, Indicator	
112	1001151393	1	Shim, Nylon .063	
113	1001155044	7	Nut 15/32 UNS-2B	
114	1001155045	7	Switch, Toggle	
115	1001176469	1	Shroud	
116	1001188058	1	Plate, Ground Control	
117	1001248338	1	Decal - Control Panel	

SECTION 2 - TURNTABLE

FIGURE 2-32. ENGINE CONTROLS INSTALLATION - STANDARD BATTERIES (H600SJ/H600SJP)



ART_1001199313_20F5

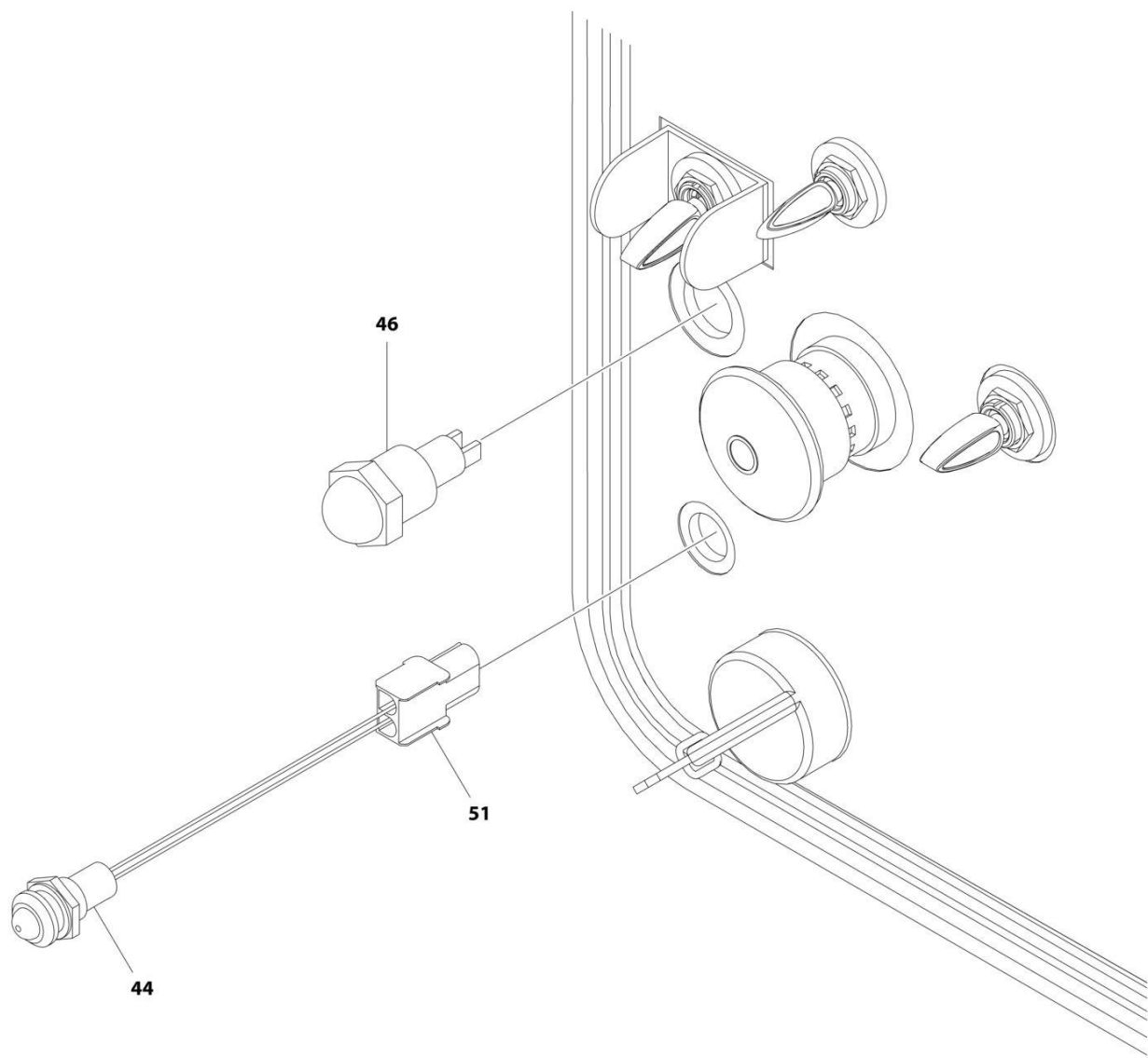
SECTION 2 - TURNTABLE

FIGURE 2-32. ENGINE CONTROLS INSTALLATION - STANDARD BATTERIES (H600SJ/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199313	Ref	ENGINE CONTROLS INSTALLATION	G
44	2920151	1	Light	
46	4360274	1	Switch, Push Button	
51	4460424	1	Connector - 2 Position	
51	4460226	2	Socket, Female	

SECTION 2 - TURNTABLE

FIGURE 2-33. ENGINE CONTROLS INSTALLATION - AGM BATTERIES (H600SJ/H600SJP)



ART_1001207674_20F5

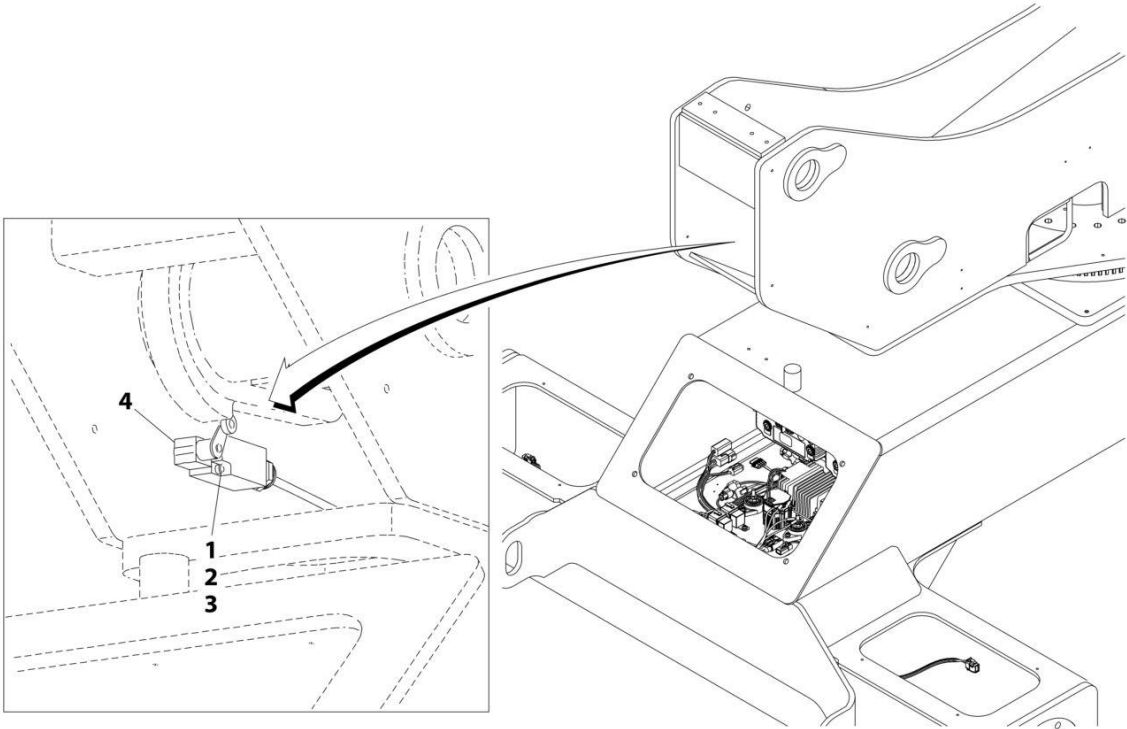
SECTION 2 - TURNTABLE

FIGURE 2-33. ENGINE CONTROLS INSTALLATION - AGM BATTERIES (H600SJ/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207674	Ref	MOTOR CONTROLS INSTALLATION - AGM BATTERIES (M600/M600J/M600JP)	F
44	2920151	1	Light	
46	4360274	1	Switch, Push Button	
51	4460424	1	Connector - 2 Position	
51	4460226	2	Socket, Female	

SECTION 2 - TURNTABLE

FIGURE 2-34. LIMIT SWITCH INSTALLATION



ART_1001200254

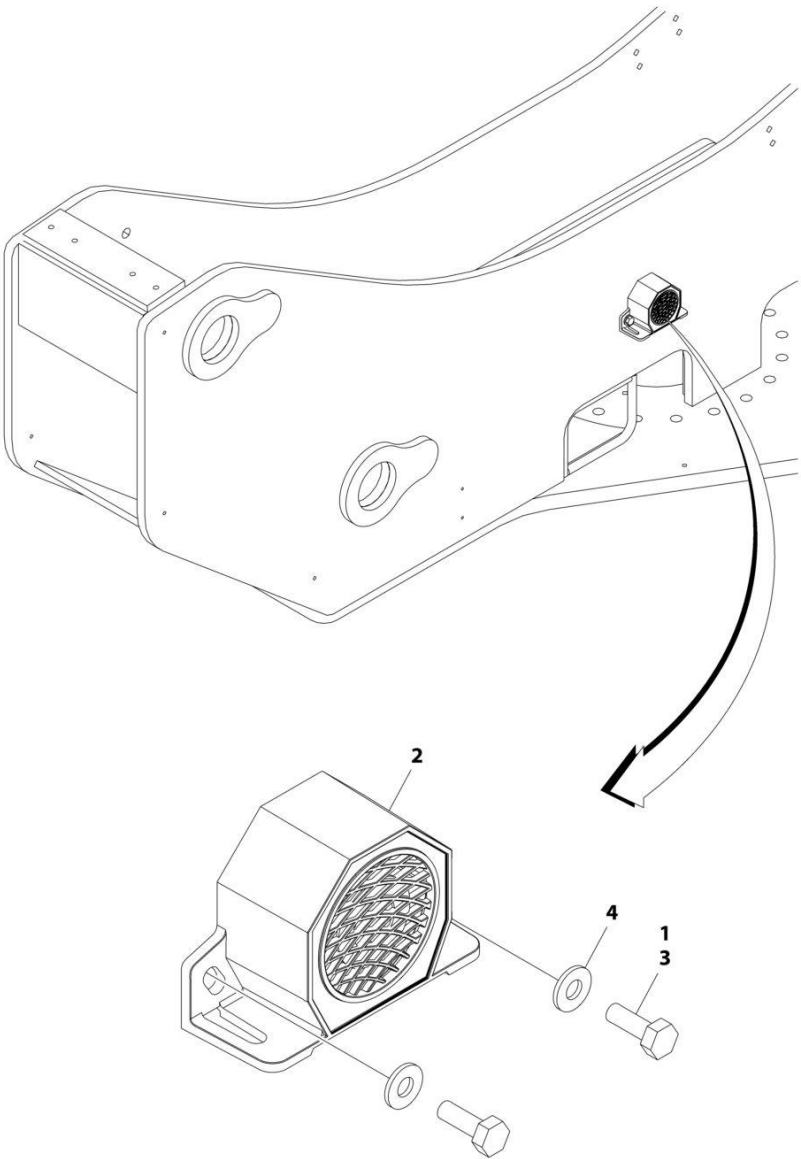
SECTION 2 - TURNTABLE

FIGURE 2-34. LIMIT SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200254	Ref	LIMIT SWITCH INSTALLATION	A
1	3310805	2	Nut #8	
2	3930828	2	Capscrew #8 x 1-3/4	
3	4750800	2	Washer #8	
4	1001200173	1	Switch, Limit (See Separate Breakdown in ELECTRICAL Section)	

SECTION 2 - TURNTABLE

FIGURE 2-35. ALARM INSTALLATION



ART_1001183368

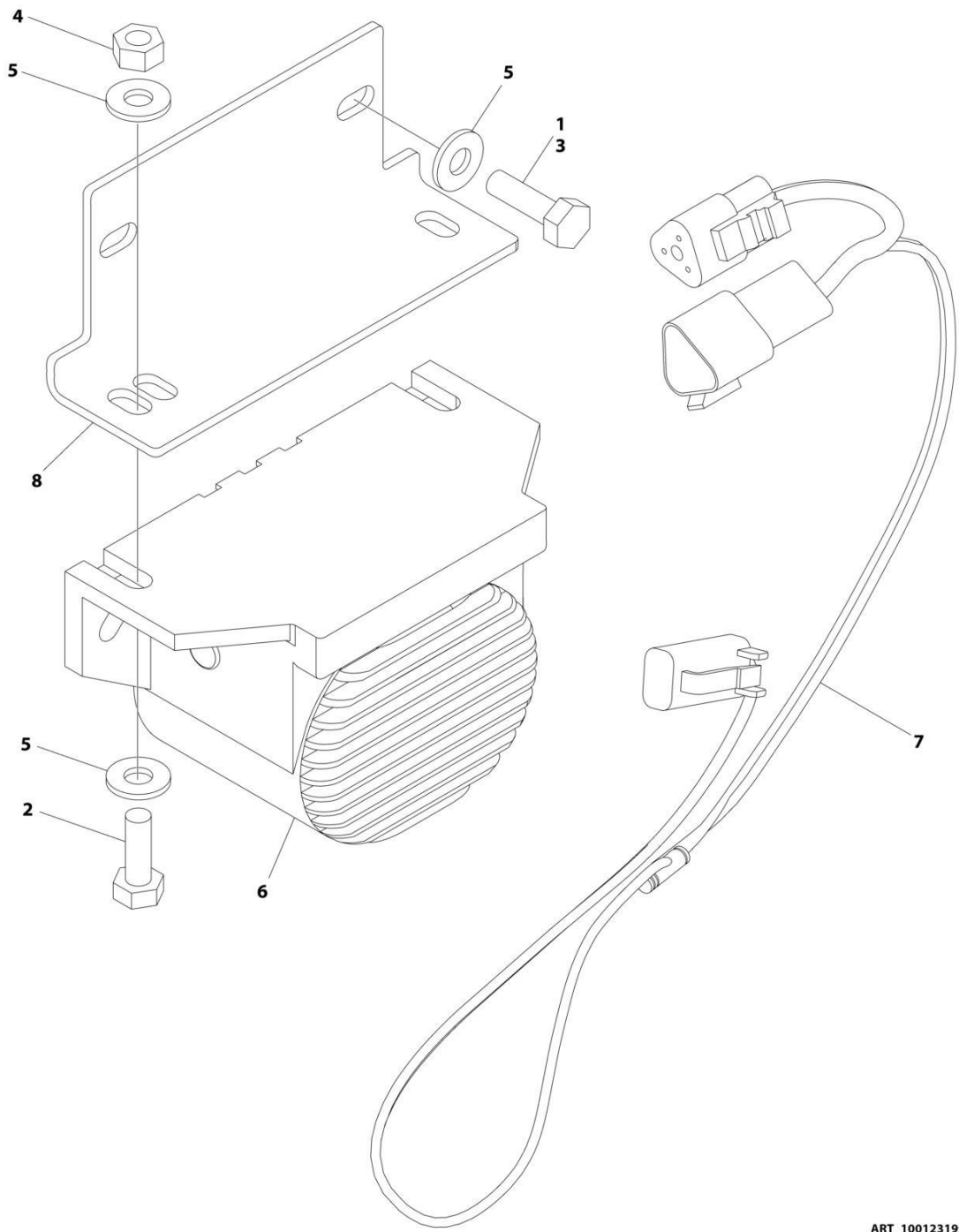
SECTION 2 - TURNTABLE

FIGURE 2-35. ALARM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183368	Ref	ALARM INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0140043	1	Alarm, Motion/Descent/Horn	
3	0641406	2	Bolt 1/4 x 3/4	
4	4711400	2	Washer 1/4	

SECTION 2 - TURNTABLE

FIGURE 2-36. WHITE NOISE ALARM INSTALLATION



ART_1001231990

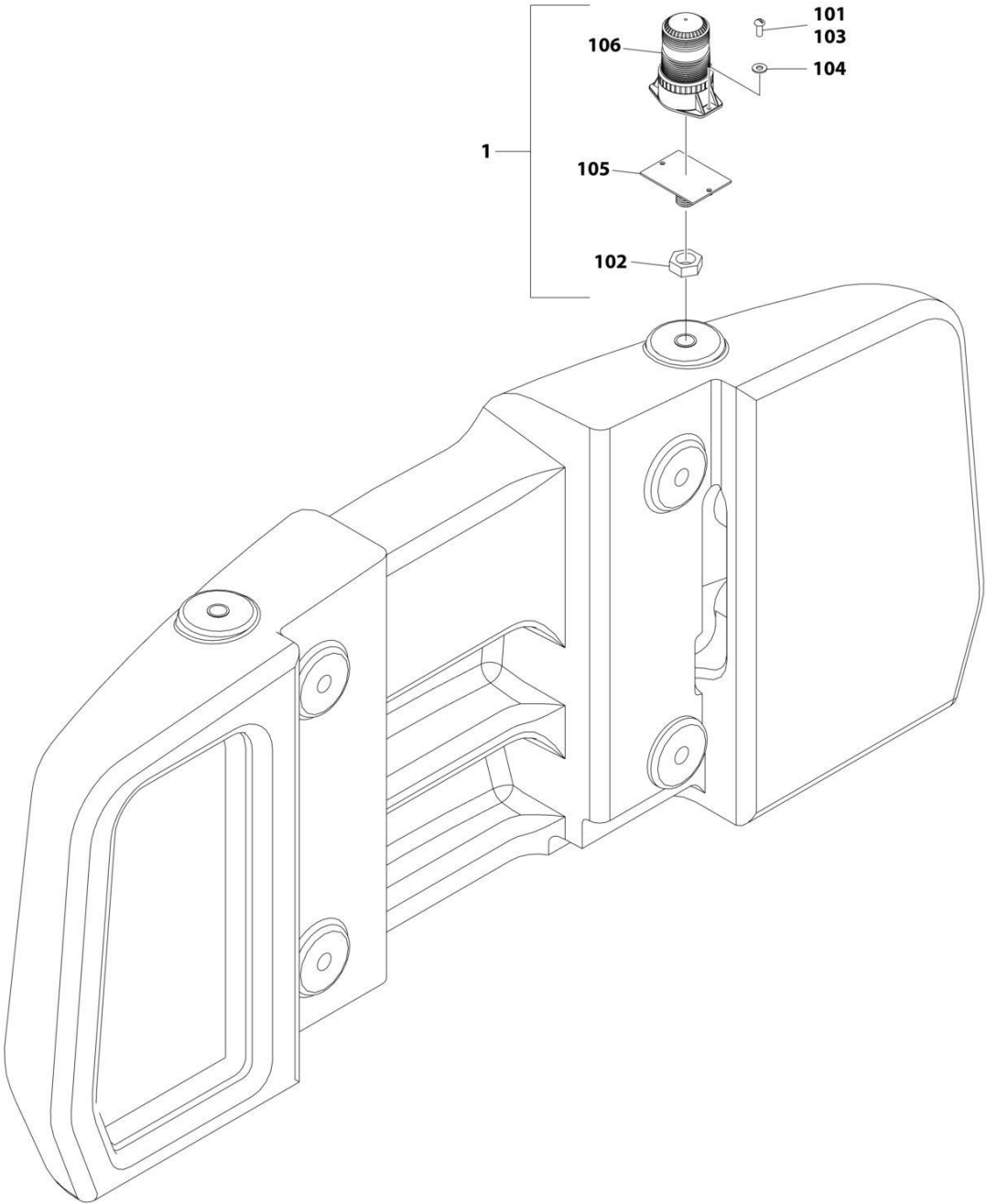
SECTION 2 - TURNTABLE

FIGURE 2-36. WHITE NOISE ALARM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231990	Ref	WHITE NOISE ALARM INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641406	2	Bolt 1/4 x 3/4	
3	0641407	2	Bolt 1/4 x 7/8	
4	3311405	2	Nut 1/4	
5	4711400	6	Washer 1/4	
6	1001182806	1	Alarm	
6	4460897	1	Connector - 2 Position	
6	4460464	2	Pin, Male	
7	1001231007	1	Harness, White Noise Motion Alarm (See Separate Breakdown in ELECTRICAL Section)	
8	1001231886	1	Plate	

SECTION 2 - TURNTABLE

FIGURE 2-37. BEACON LIGHT INSTALLATION - AMBER



ART_1001214093

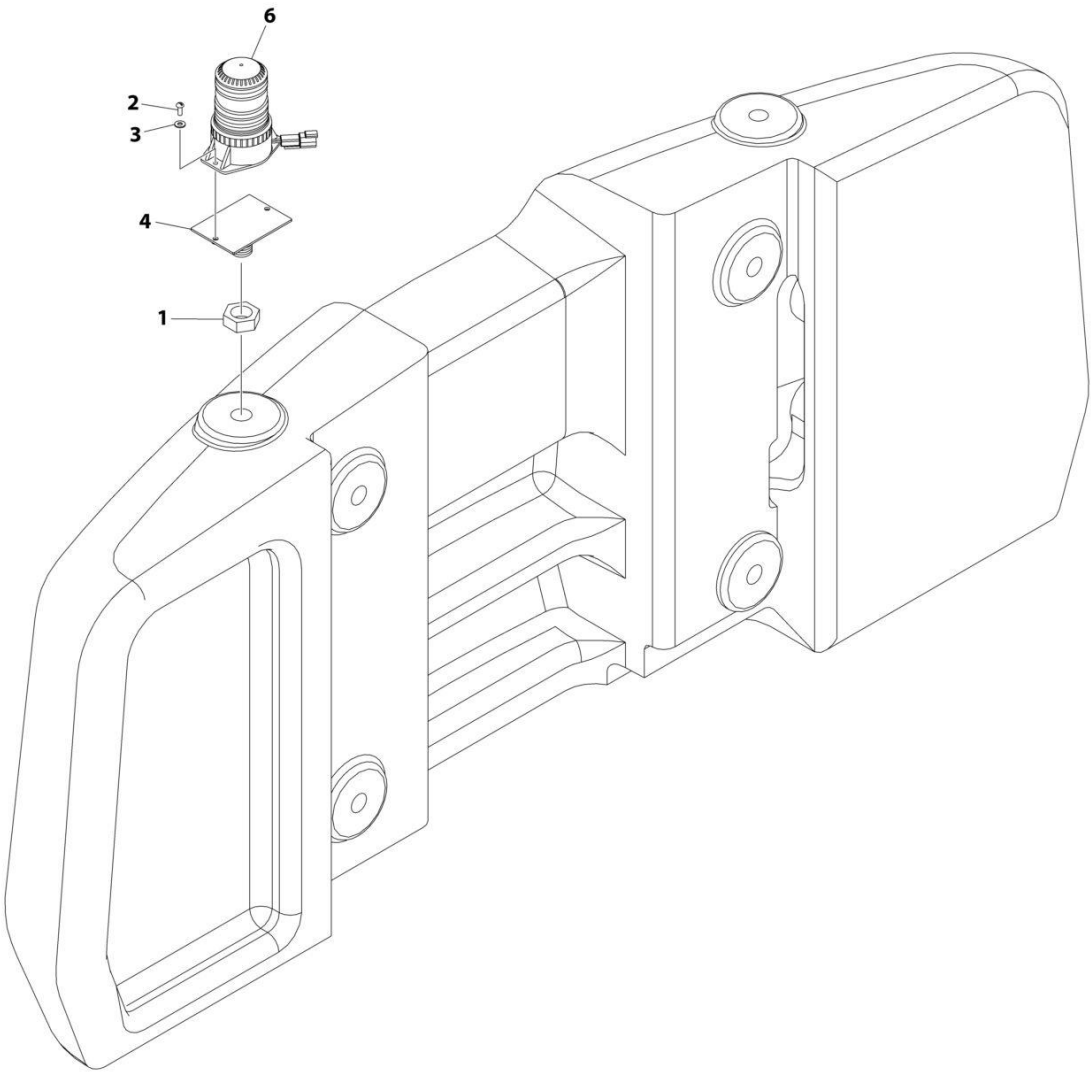
SECTION 2 - TURNTABLE

FIGURE 2-37. BEACON LIGHT INSTALLATION - AMBER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214093	Ref	STROBE LIGHT INSTALLATION (AMBER) (OPTIONAL)	A
1	1001191140	1	Strobe Light Assembly (See Items 101-106 for Breakdown)	
2	1001198866	1	Beacon Light Harness (Amber) (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
	1001191140	Ref	STROBE LIGHT ASSEMBLY	A
101	0100035	AR	Compound, Locking	
102	3312602	1	Nut 1-8	
103	3900085	2	Screw #10 x 1/2	
104	4751000	2	Washer #10	
105	1001149994	1	Plate, Mounting	
106	1001191139	1	Light, Strobe (Amber)	
106	4460891	1	Connector - 2 Position	
106	4460465	2	Pin, Male	

SECTION 2 - TURNTABLE

FIGURE 2-38. BEACON LIGHT INSTALLATION - BLUE



ART_1001239801

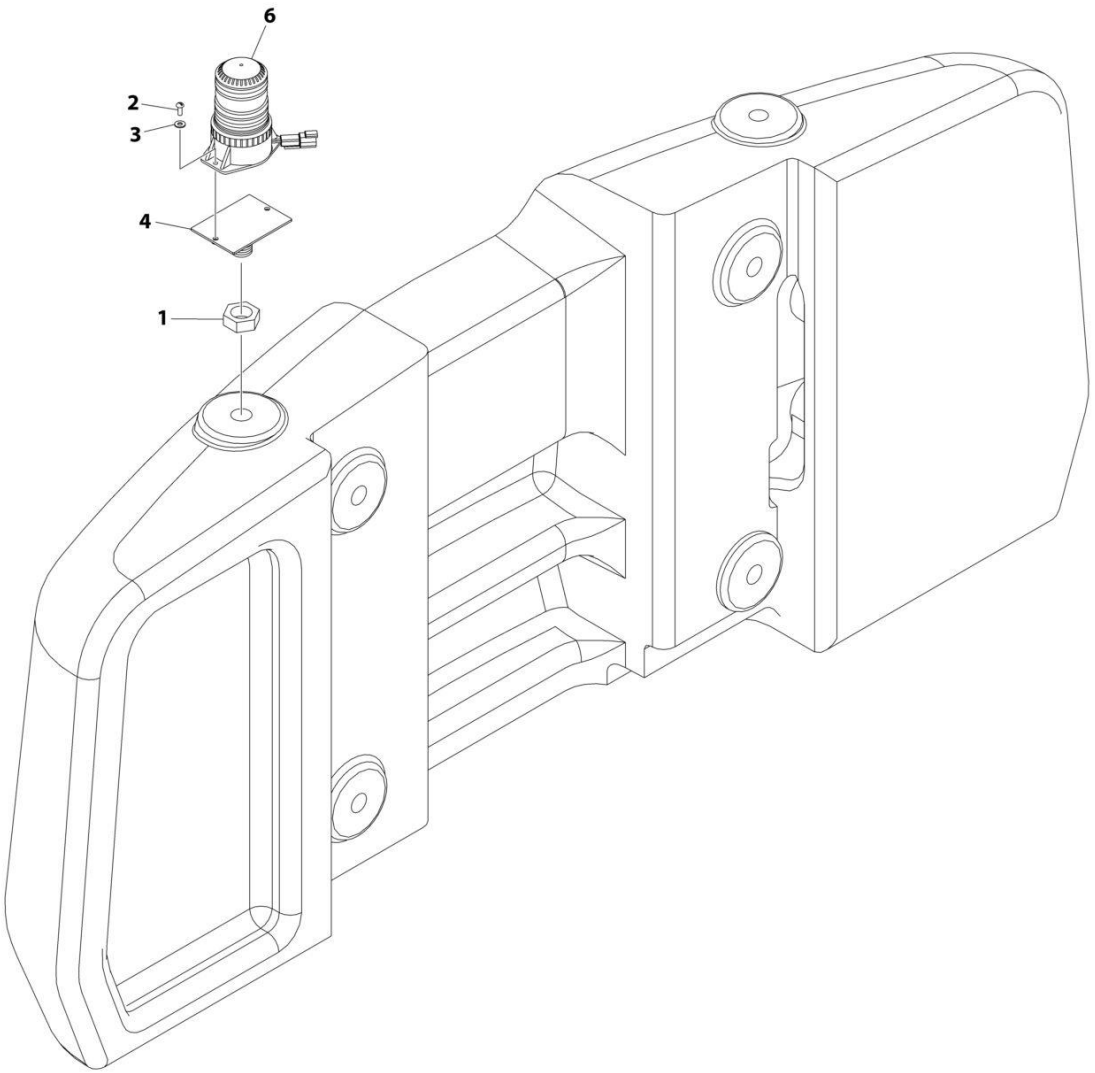
SECTION 2 - TURNTABLE

FIGURE 2-38. BEACON LIGHT INSTALLATION - BLUE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239801	Ref	BEACON LIGHT INSTALLATION - BLUE	B
	1001217005	Ref	BEACON LIGHT KIT - BLUE	C
1	3312602	1	Nut 1-8	
2	3900085	2	Screw #10 x 1/2	
3	4751000	2	Washer #10	
4	1001149994	1	Plate, Mounting	
6	1001200910	1	Light, Beacon	
6	4460897	1	Connector - 2 Position	
6	4460943	2	Pin, Male	

SECTION 2 - TURNTABLE

FIGURE 2-39. BEACON LIGHT INSTALLATION - RED



ART_1001239800

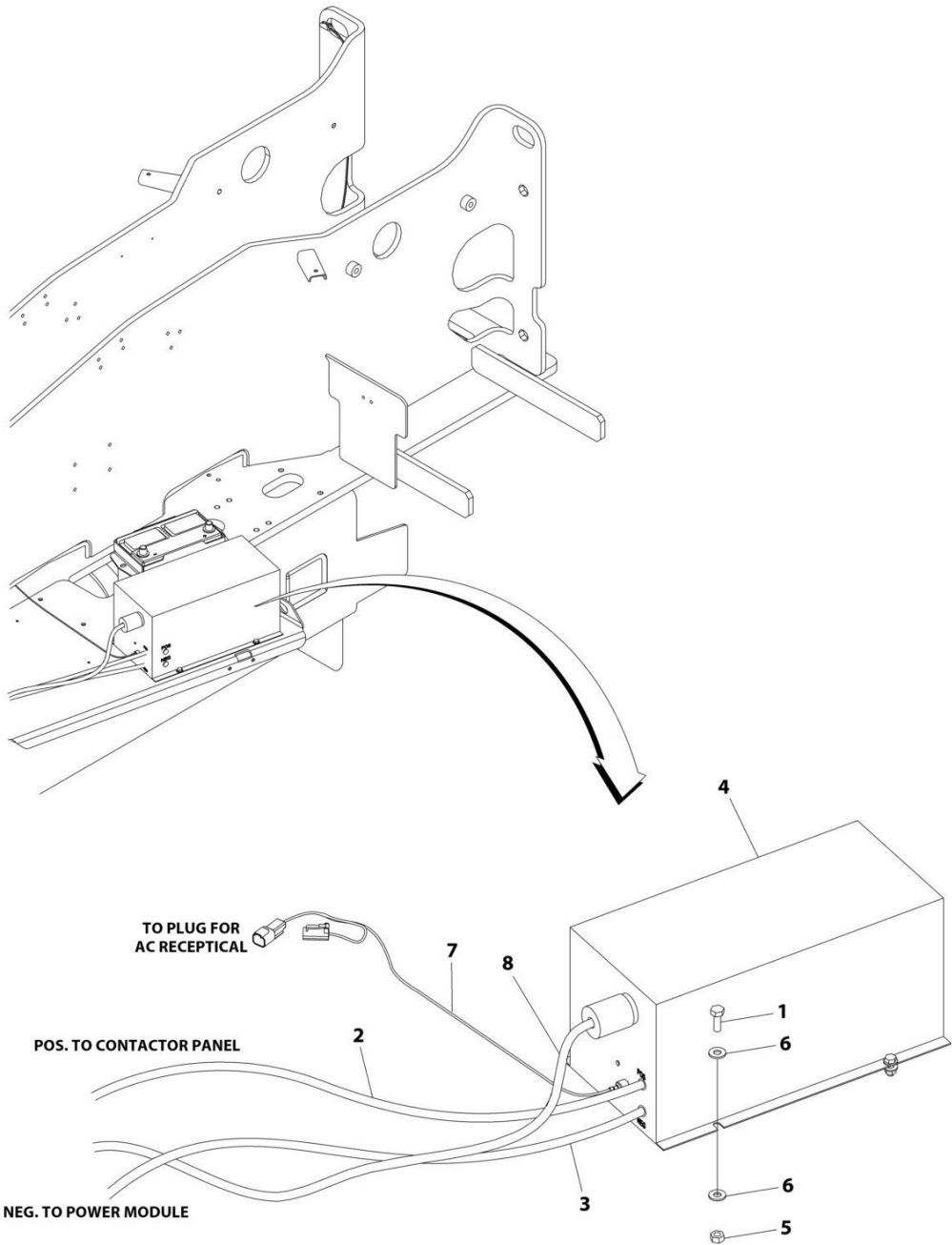
SECTION 2 - TURNTABLE

FIGURE 2-39. BEACON LIGHT INSTALLATION - RED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239800	Ref	BEACON LIGHT INSTALLATION - RED	A
1	3312602	1	Nut 1-8	
2	3900085	2	Screw #10 x 1/2	
3	4751000	2	Washer #10	
4	1001149994	1	Plate, Mounting	
6	1001207004	1	Light, Beacon	
6	4460897	1	Receptacle, Female - 2 Position	
6	4460943	2	Pin, Male	

SECTION 2 - TURNTABLE

FIGURE 2-40. INVERTER INSTALLATION - 110V (OPTIONAL)



ART_1001196190

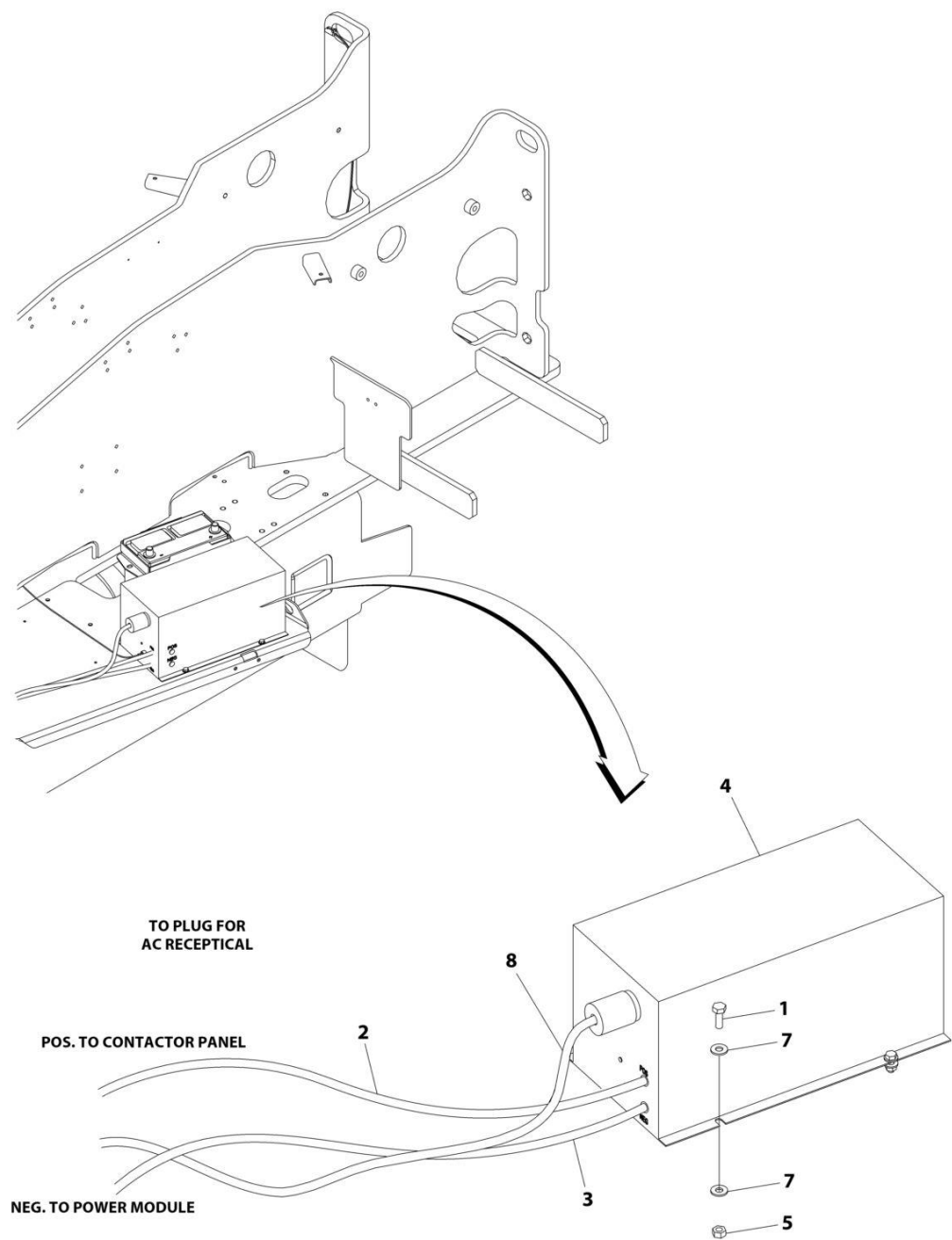
SECTION 2 - TURNTABLE

FIGURE 2-40. INVERTER INSTALLATION - 110V (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196190	Ref	INVERTER INSTALLATION - 110V (OPTIONAL)	B
1	0641406	4	Bolt 1/4 x 3/4	
2	1060827	1	Cable, Electrical (+)	
3	1060828	1	Cable, Electrical (-)	
4	2460037	1	Inverter Assembly	
5	3311405	4	Nut 1/4	
6	4711400	8	Washer 1/4	
7	1001192293	1	Inverter Ignition Harness (See Separate Breakdown in ELECTRICAL Section)	
8	4922390	1	Inverter Harness (See Separate Breakdown in ELECTRICAL Section)	

SECTION 2 - TURNTABLE

FIGURE 2-41. INVERTER INSTALLATION - 220V (OPTIONAL)



ART_0271382

SECTION 2 - TURNTABLE

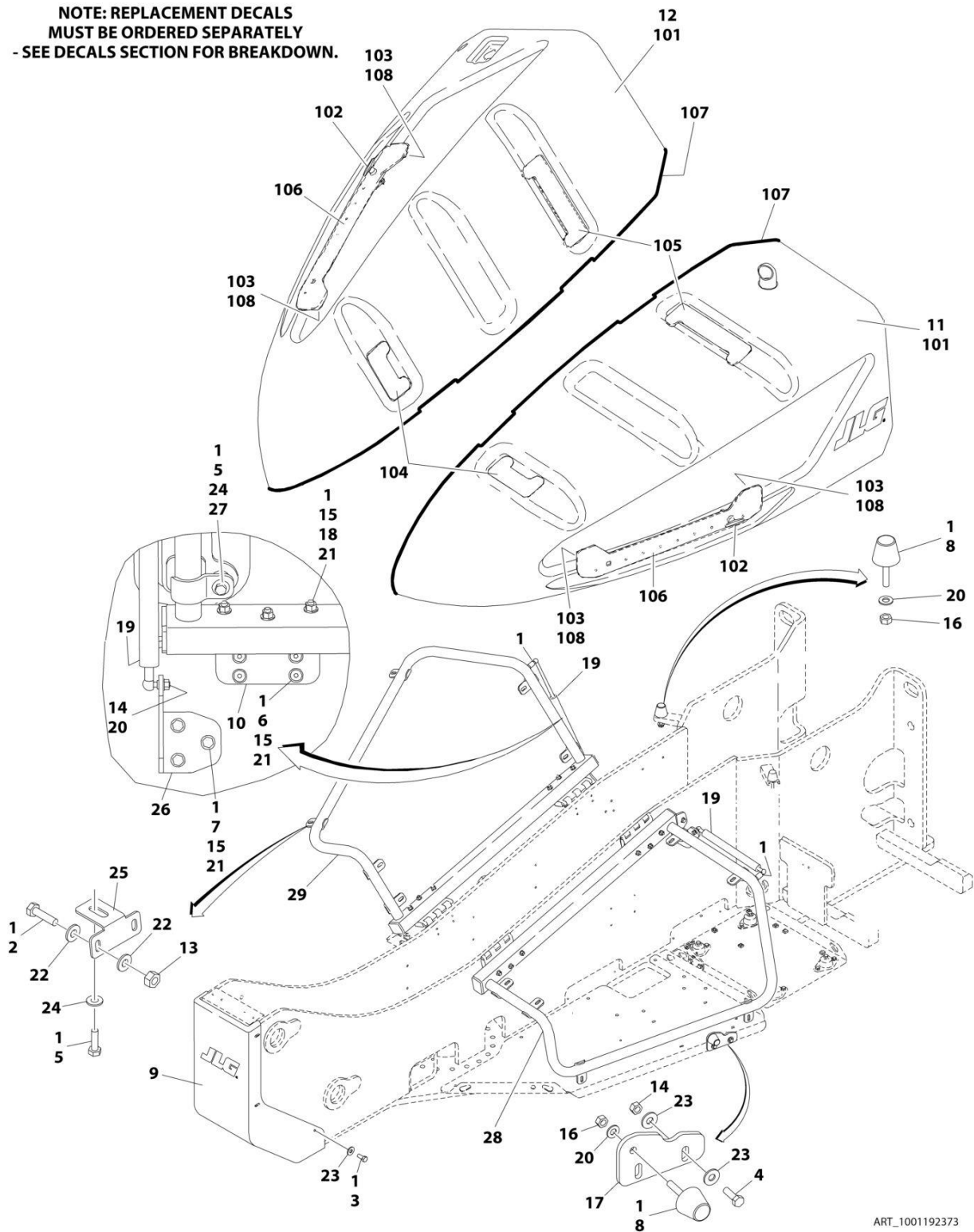
FIGURE 2-41. INVERTER INSTALLATION - 220V (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271382	Ref	INVERTER INSTALLATION - 220V (OPTIONAL)	B
1	0641406	4	Bolt 1/4 x 3/4	
2	1060827	1	Cable, Electrical (+)	
3	1060828	1	Cable, Electrical (-)	
4	2460038	1	Inverter Assembly	
5	3311405	4	Nut 1/4	
7	4711400	8	Washer 1/4	
8	4922647	1	Inverter Harness (See Separate Breakdown in ELECTRICAL Section)	
9	4460709	1	Plug, Male (Not Shown - Plugs into Item 8)	

SECTION 2 - TURNTABLE

FIGURE 2-42. HOODS INSTALLATION

NOTE: REPLACEMENT DECALS
MUST BE ORDERED SEPARATELY
- SEE DECALS SECTION FOR BREAKDOWN.



ART_1001192373

SECTION 2 - TURNTABLE

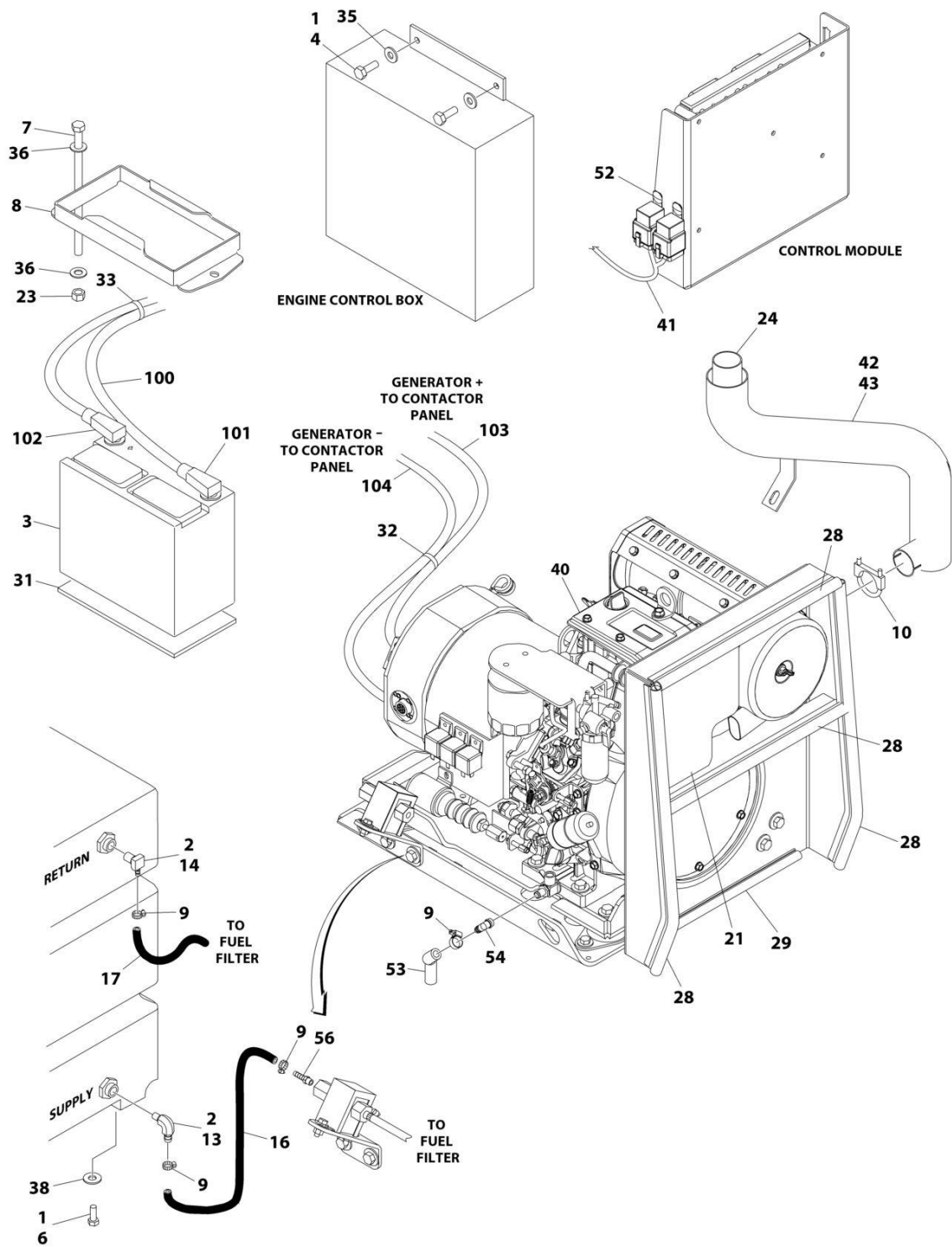
FIGURE 2-42. HOODS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192373	Ref	HOODS INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0641407	8	Bolt 1/4 x 7/8	
3	0641506	6	Bolt 5/16 x 3/4	
4	0641508	4	Bolt 5/16 x 1	
5	0641606	12	Bolt 3/8 x 3/4	
6	0641610	16	Bolt 3/8 x 1-1/4	
7	0641612	6	Bolt 3/8 x 1-1/2	
8	0940088	4	Bumper	
9	1670930	1	Cover, End	
10	2600262	4	Hinge, Offset	
11	2680468	1	Hood Assembly - Right Side (See Items 101-108 for Breakdown)	
12	2680477	1	Hood Assembly - Left Side (See Items 101-108 for Breakdown)	
13	3311401	8	Nut 1/4	
14	3311505	6	Nut 5/16	
15	3311601	34	Nut 3/8	
16	3321501	4	Nut 5/16	
17	3572063	2	Plate, Latch	
18	3900232	12	Screw 3/8 x 1-1/4	
19	4160194	2	Spring, Gas	
20	4711500	6	Washer 5/16	
21	4711600	68	Washer 3/8	
22	4751400	16	Washer 1/4	
23	4751500	14	Washer 5/16	
24	4751600	12	Washer 3/8	
25	1001174542	4	Bracket, Clamp	
26	1001175575	2	Plate, Gas Spring	
27	1001175596	8	Clamp	
28	1001191596	1	Support, Hood - Right Side	
29	1001191597	1	Support, Hood - Left Side	
		Ref	HOOD ASSEMBLIES	E E
	2680468	Ref	Right Side	
	2680477	Ref	Left Side	
		Ref	Note: Replacement Decals Must Be Ordered Separately - See DECALS Section.	
101	See Note	NSS	Hood, Molded (Note: Purchase Item #11 or #12 as Complete Assembly)	
102		Ref	Latch (1 Per Assembly) Options:	
102	2940124	2	Non-Lockable	
102	7027859	2	Lockable	
103	3340877	12	Pad, Rubber (6 Per Assembly)	
104	3571856	2	Plate, Front Support (1 Per Assembly)	
105	3571857	2	Plate, Rear Support (1 Per Assembly)	
106	3571858	2	Plate, Handle (1 Per Assembly)	
107	3960464	146 ft / 44.5m	Seal (73ft/22.5m Per Assembly)	
108	0100081	AR	Adhesive	

SECTION 3 - ENGINE

SECTION 3 - ENGINE

FIGURE 3-1. ENGINE AND GENERATOR INSTALLATION - WITH STANDARD BATTERIES
(H600SJ/H600SJP ONLY)



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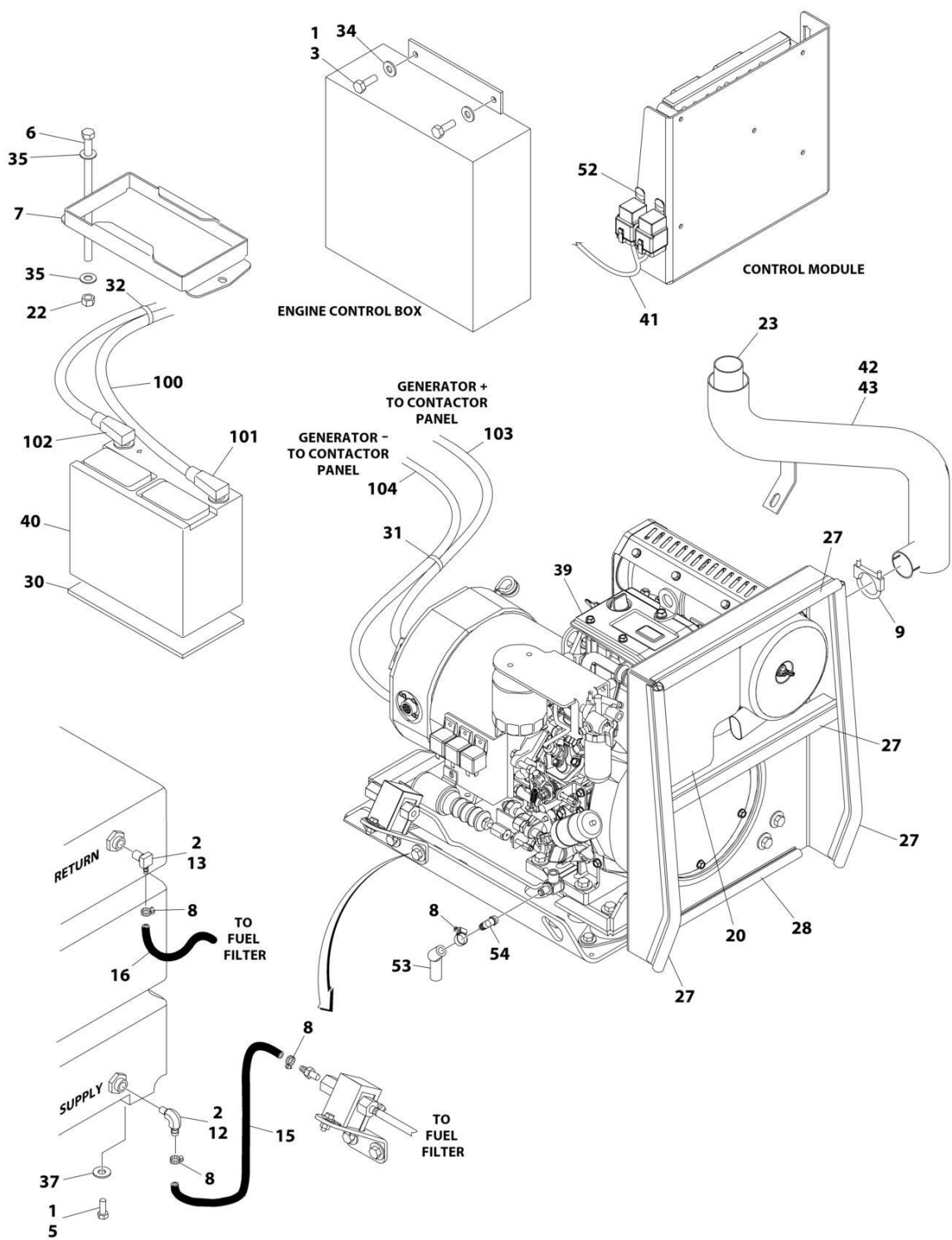
SECTION 3 - ENGINE

**FIGURE 3-1. ENGINE AND GENERATOR INSTALLATION - WITH STANDARD BATTERIES
(H600SJ/H600SJP ONLY)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199313	Ref	ENGINE AND GENERATOR INSTALLATION	G
1	0100011	AR	Locking, Compound	
2	0100020	AR	Sealant, Pipe	
3	0400201	1	Battery, Standard	
4	0641406	4	Bolt 1/4 x 3/4	
6	0641606	4	Bolt 3/8 x 3/4	
7	0641660	2	Bolt 3/8 x 7-1/2	
8	0902659	1	Bracket, Battery Hold-Down	
9	1320022	4	Clamp, Hose	
10	1320135	1	Clamp, Muffler	
11	1701505	1	Decal - Diesel Fuel (Not Shown - Located on Hood)	
12	2200222	2	Plug, Pipe (Not Shown - Fuel Tank)	
13	2221046	1	Fitting, Elbow Barbed	
14	2221047	1	Fitting, Elbow Barbed	
16	2720058	3.5 ft/ 1.1m	Hose, Fuel Line	
17	2720271	5.5 ft/ 1.8m	Hose, Fuel Line	
21	2820232	1	Insulation, Noise Reduction	
23	3311605	2	Nut 3/8	
24	3460492	1	Tube, Exhaust	
28	3960389	5.6 ft/ 1.8m	Seal, Rubber	
29	3960418	1.1 ft/ 0.3m	Seal, Rubber	
31	3980035	1	Seat, Battery	
32	4240018	AR	Tie-Strap	
33	4240178	1	Strap, Cable Tie	
35	4711400	4	Washer 1/4	
36	4711600	4	Washer 3/8	
38	4751600	4	Washer 3/8	
40	1001248082	1	Engine, Kubota Assembly (See Separate Breakdown in this Section)	
41	1001199409	1	Generator Harness (See Separate Breakdown in ELECTRICAL Section)	
42	1001208628	1	Sleeve	
43	4920385	8.5 in/ 21.6cm	Wire, Safety	
52	1380158	2	Clip	
53	1001165035	3.5 in/ 8.89cm	Hose	
54	1001221386	1	Adapter	
56	2220794	1	Fitting, Straight Barbed	
100	1001200381	1	Battery Cable Kit	
101	1060819	1	Cable, Battery (Battery - to Ground)	
102	1060820	1	Cable, Battery (Battery + to Starter)	
103	1001202373	1	Cable, Battery (Generator + to Contactor Panel)	
104	1001202374	1	Cable, Battery (Generator - to Contactor Panel)	

SECTION 3 - ENGINE

FIGURE 3-2. ENGINE AND GENERATOR INSTALLATION - WITH AGM BATTERIES (H600SJ/H600SJP ONLY)



ART_1001207674_4OF5

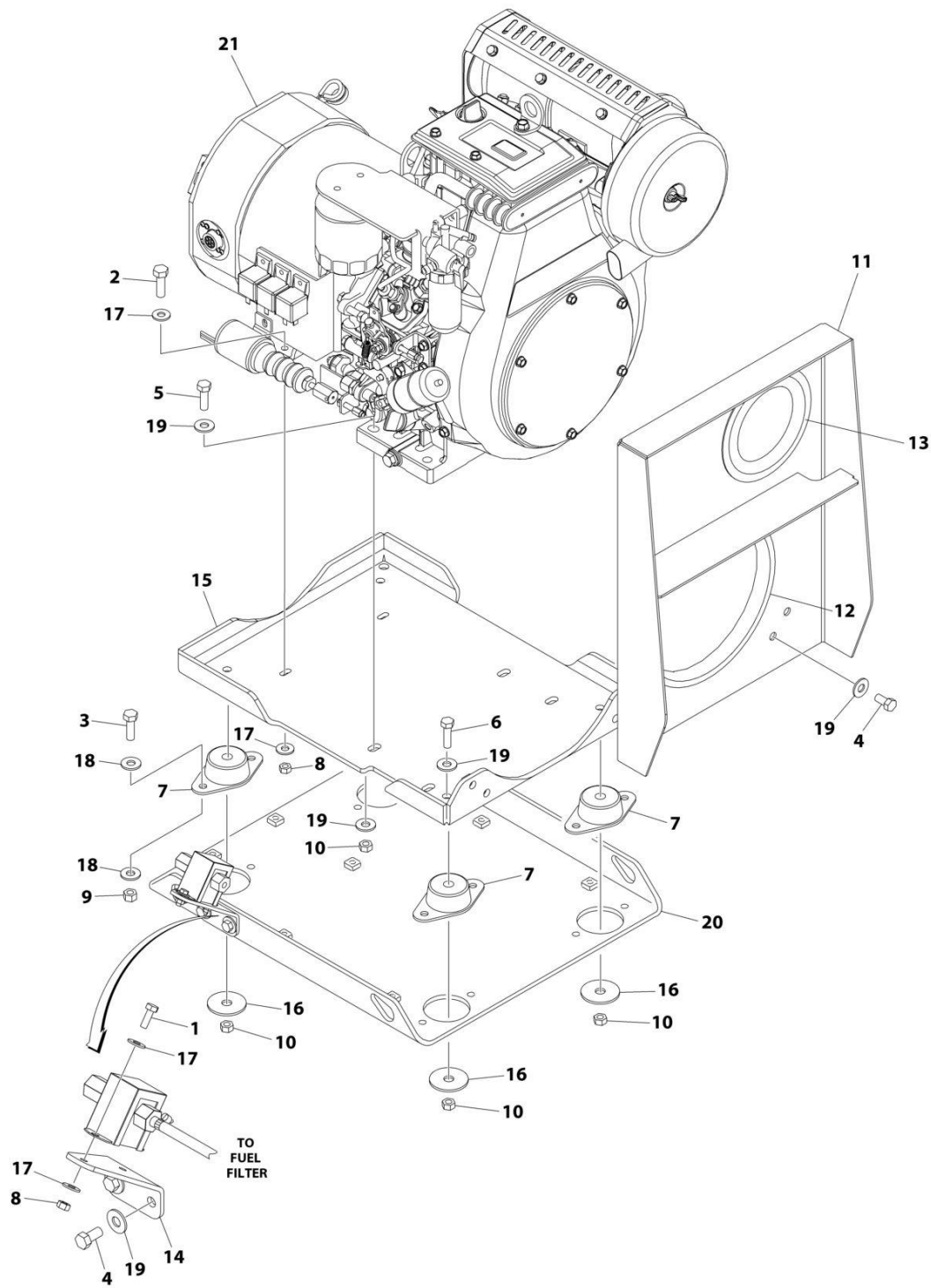
SECTION 3 - ENGINE

FIGURE 3-2. ENGINE AND GENERATOR INSTALLATION - WITH AGM BATTERIES (H600SJ/H600SJP ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207674	Ref	ENGINE AND GENERATOR INSTALLATION - WITH AGM BATTERIES	F
1	0100011	AR	Locking, Compound	
2	0100020	AR	Sealant, Pipe	
3	0641406	4	Bolt 1/4 x 3/4	
5	0641606	4	Bolt 3/8 x 3/4	
6	0641660	2	Bolt 3/8 x 7-1/2	
7	0902659	1	Bracket, Battery Hold-Down	
8	1320022	4	Clamp, Hose	
9	1320135	1	Clamp, Muffler	
10	1701505	1	Decal - Diesel Fuel (Not Shown - Located on Hood)	
11	2200222	2	Plug, Pipe (Not Shown - Fuel Tank)	
12	2221046	1	Fitting, Elbow Barbed	
13	2221047	1	Fitting, Elbow Barbed	
15	2720058	3.5 ft/ 1.1m	Hose, Fuel Line	
16	2720271	5.5 ft/ 1.8m	Hose, Fuel Line	
20	2820232	1	Insulation, Noise Reduction	
22	3311605	2	Nut 3/8	
23	3460492	1	Tube, Exhaust	
27	3960389	5.6 ft/ 1.8m	Seal, Rubber	
28	3960418	1.1 ft/ 0.3m	Seal, Rubber	
30	3980035	1	Seat, Battery	
31	4240018	AR	Tie-Strap	
32	4240178	1	Strap, Cable Tie	
34	4711400	4	Washer 1/4	
35	4711600	4	Washer 3/8	
37	4751600	4	Washer 3/8	
39	1001248082	1	Engine, Kubota Assembly (See Separate Breakdown in this Section)	
40	1001196117	1	Battery, AGM	
41	1001199409	1	Harness, Generator (See Separate Breakdown in ELECTRICAL Section)	
42	1001208628	1	Sleeve	
43	4920385	8.5 in/ 21.6cm	Wire, Safety	
52	1380158	2	Clip	
53	1001165035	3.5 in/ 8.89cm	Hose	
54	1001221386	1	Adapter	
100	1001200381	1	Battery Cable Kit	
101	1060819	1	Cable, Battery (Battery - to Ground)	
102	1060820	1	Cable, Battery (Battery + to Starter)	
103	1001202373	1	Cable, Battery (Generator + to Contactor Panel)	
104	1001202374	1	Cable, Battery (Generator - to Contactor Panel)	

SECTION 3 - ENGINE

FIGURE 3-3. KUBOTA ENGINE ASSEMBLY (H600SJ/H600JP ONLY)



ART_1001248082

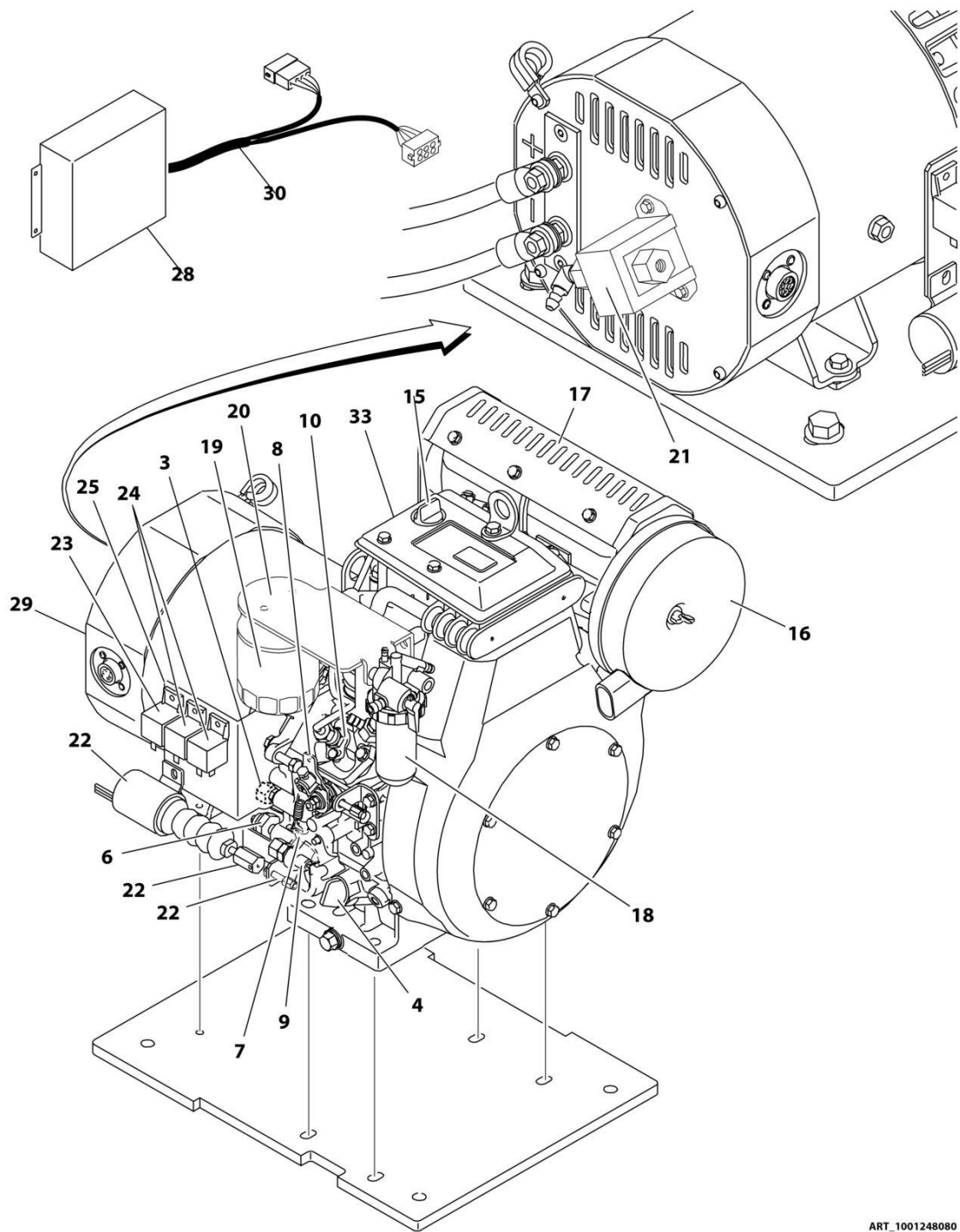
SECTION 3 - ENGINE

FIGURE 3-3. KUBOTA ENGINE ASSEMBLY (H600SJ/H600JP ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248082	Ref	KUBOTA ENGINE ASSEMBLY	B
1	0641406	2	Bolt 1/4 x 3/4	
2	0641408	2	Bolt 1/4 x 1	
3	0641508	8	Bolt 5/16 x 1	
4	0641606	6	Bolt 3/8 x 3/4	
5	0641614	4	Bolt 3/8 x 1-3/4	
6	0641618	4	Bolt 3/8 x 2-1/4	
7	3200425	4	Mount, Motor	
8	3311405	4	Nut 1/4	
9	3311505	8	Nut 5/16	
10	3311605	8	Nut 3/8	
11	3380620	1	Engine, Baffle	
12	3960389	18 in /46cm	Seal	
13	3960418	28 in /71cm	Seal	
14	4341107	1	Plate, Fuel Pump Mounting	
15	4341109	1	Plate, Engine Mounting	
16	4740274	4	Washer, Snubbing	
17	4751400	8	Washer 1/4	
18	4751500	16	Washer 5/16	
19	4751600	18	Washer 3/8	
20	4846188	1	Tray	
21	1001248080	1	Engine, Kubota (See Separate Breakdown in this Section)	

SECTION 3 - ENGINE

FIGURE 3-4. KUBOTA ENGINE COMPONENTS (H600SJ/H600JP ONLY)



ART_1001248080

SECTION 3 - ENGINE

FIGURE 3-4. KUBOTA ENGINE COMPONENTS (H600SJ/H600JP ONLY)

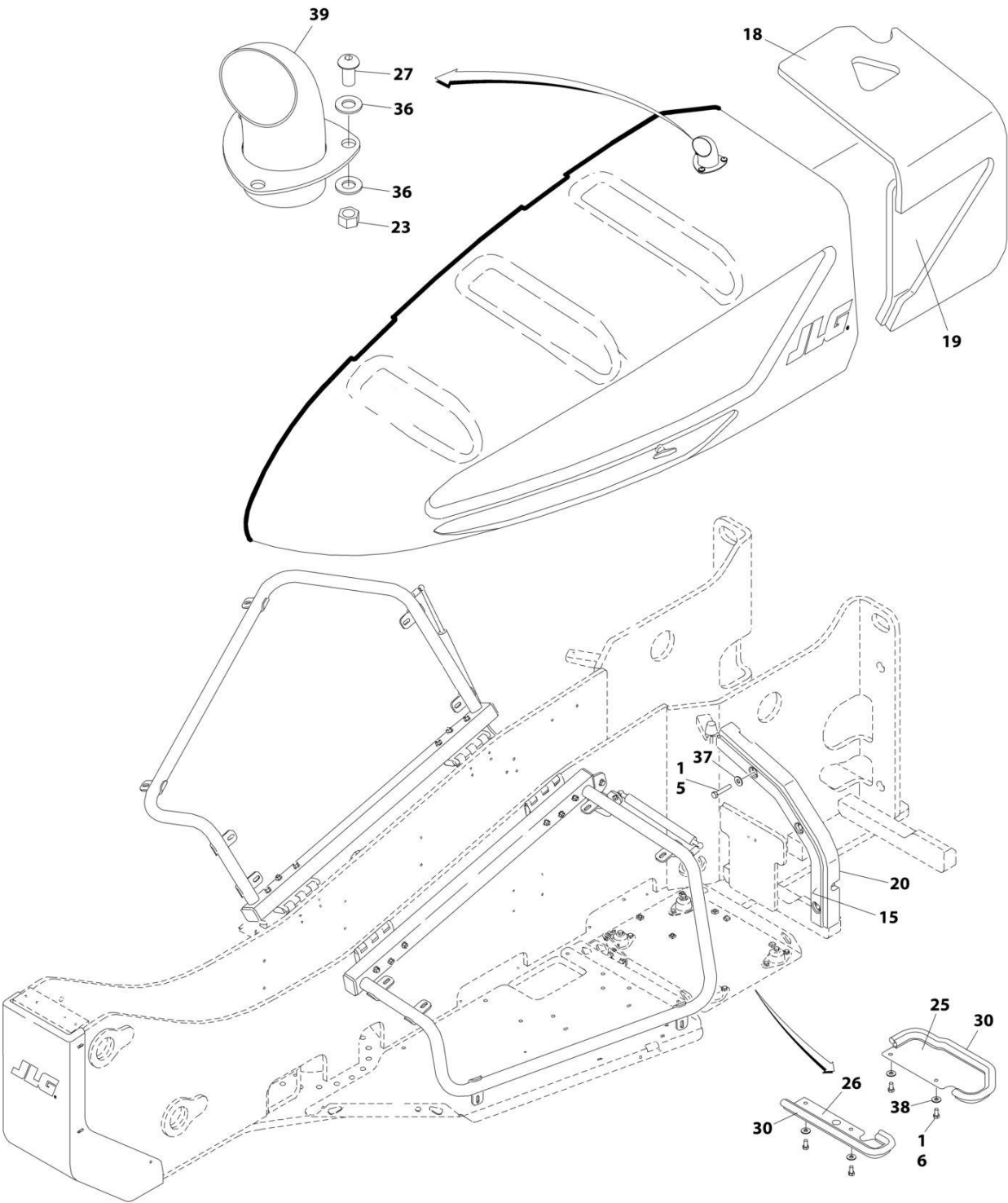
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248080	Ref	KUBOTA MOTOR/GENERATOR COMPONENTS	A
1	70000290	1	Glow Plug (Not Shown)	
1	70000291	1	Harness, Glow Plug (Not Shown)	
2	70000292	1	Screen, Oil Sump (Includes O-Ring) (Not Shown)	
3	70000293	1	Cap, Oil Filler (Includes O-Ring)	
4	70000294	1	Dipstick	
5	70000295	1	Pump, Oil Rotor (Not Shown - Located beside Item 6)	
5	70000296	1	O-Ring Oil Rotor Pump (Not Shown)	
6	70000297	1	Switch, Oil	
7	70000298	1	Lever, Governor	
7	70000299	1	Pin, Governor Lever	
7	70000300	1	Spring, Governor Lever	
8	70000301	1	Spring, Idling	
8	70000304	1	Lever, Spring Control	
8	70000305	1	Spring, Stop (Speed Control Lever)	
9	70000302	1	Valve, Fuel Limit	
9	70000303	1	Gasket, Fuel Limit	
10	70000306	1	Pump, Injection	
10	70000307	1	Kit, Pump Adjustment Shim	
11	70000308	1	Flywheel/Ring Gear Assembly (Not Shown - Located Behind Front Cover)	
11	70000309	1	Ring Gear (Not Shown)	
11	70001121	1	Stator, Engine (Not Shown - Located Behind Flywheel) (Includes Coil & Grommet)	
12	70003557	1	Regulator, Voltage (Not Shown - Located on Opposite Side of Engine)	
13	70000310	1	Starter (Not Shown - Located on Opposite of Engine)	
14	70000311	1	Solenoid, Starter (Not Shown - Located on Opposite Side of Engine)	
15	70002244	1	Cap, Oil Filler (Includes O-Ring)	
16	70000312	1	Air Filter Assembly	
16	70000313	1	Element, Air Cleaner	
16	70000314	1	Gasket, Air Cleaner	
17	70000315	1	Muffler Assembly	
17	70000316	1	Gasket, Muffler	
18	70000317	1	Inline Fuel Check Valve Assembly	
18	70000967	1	Fuel Filter Assembly	
18	70000318	1	Element, Fuel Filter	
19	70000319	1	Element, Oil Filter	
19	70001144	1	Head, Oil Filter Head (Note: Does Not Include Element)	
20	70002544	1	Bracket, Oil Filter Mount	
21	70000320	1	Pump, Fuel	
22	70000321	1	Solenoid, Fuel	
22	70003618	1	Adapter, Solenoid	
22	70003619	1	Screw	
23	70000322	1	Relay	
24	70000323	2	Relay	
25	70002083	1	Bracket, Solenoid/Relay	
26	70000324	1	Sensor, Speed (Not Shown - Located Inside Front Cover)	
26	70004265	1	Bracket, Speed Sensor (Not Show - Located Inside Front Cover)	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
27	70000325	1	Sensor, Oil Temperature (Not Shown - Located on Opposite Side of Engine Base)	
28	70000326	1	Module, Engine Control	
29	70000327	1	Alternator	
29	70000382	1	Stator, Alternator	
29	70004394	1	Lead, Field Terminal Block Diode	
30	70000328	1	Harness, Generator	
31	70000329	1	Fuse 15Amp (Not Shown)	
32	70000330	1	Fuse 20Amp (Not Shown)	
33	70002543	1	Engine, Kubota (without Generator)	
34	70000289	1	Regulator, Voltage (Not Shown - Located on Opposite Side of Engine)	

SECTION 3 - ENGINE

FIGURE 3-5. EXHAUST STACK AND HOOD Baffles INSTALLATION - STANDARD BATTERIES
(H600SJ/H600SJP)



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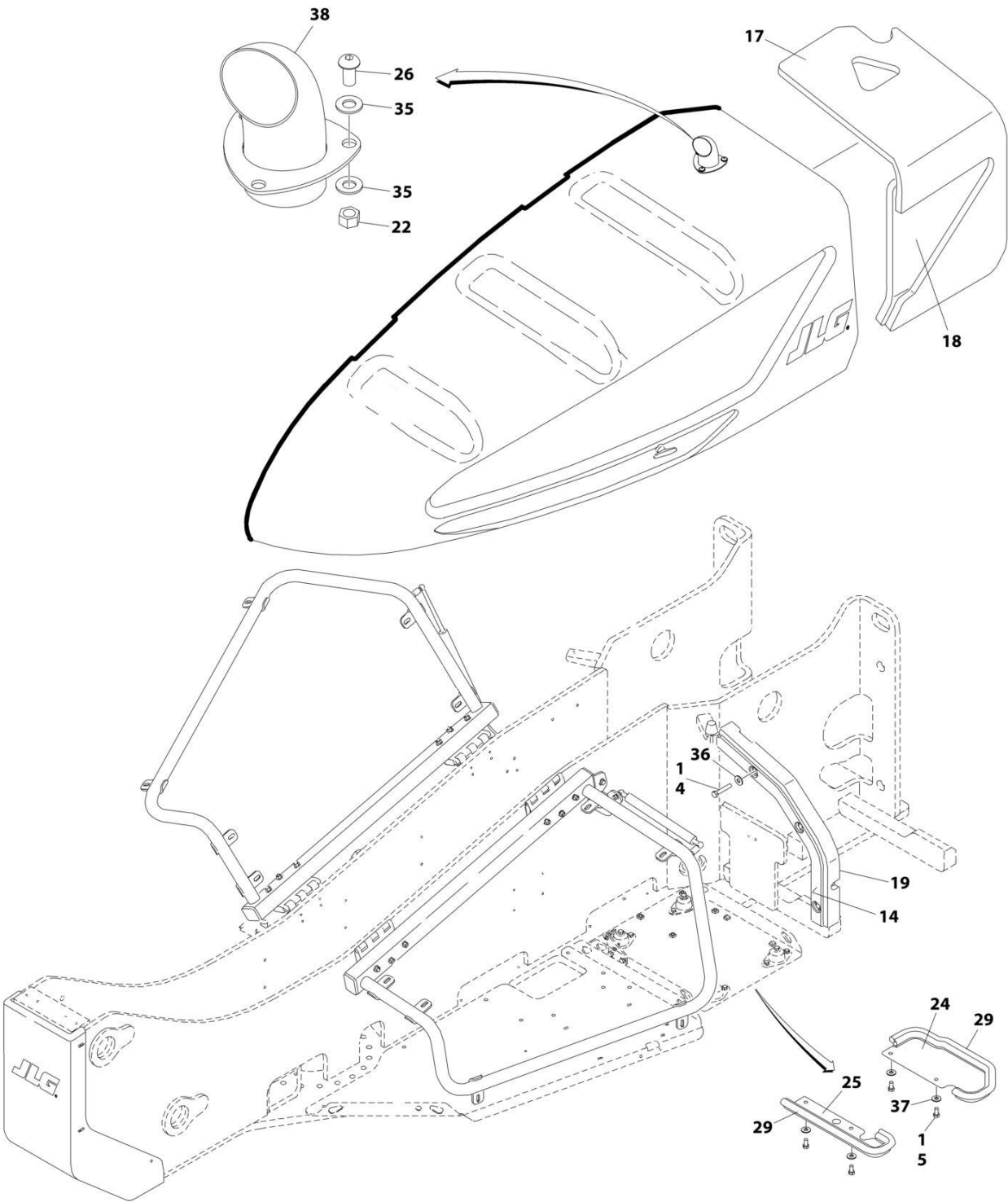
SECTION 3 - ENGINE

**FIGURE 3-5. EXHAUST STACK AND HOOD BAFFLES INSTALLATION - STANDARD BATTERIES
(H600SJ/H600SJP)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199313	Ref	EXHAUST STACK AND BAFFLES INSTALLATION - WITH STANDARD BATTERIES	G
1	0100011	AR	Compound, Locking	
5	0641514	3	Bolt 5/16 x 1-3/4	
6	0641606	4	Bolt 3/8 x 3/4	
15	2680482	1	Trim, Hood	
18	2820122	1	Insulation	
19	2820123	1	Insulation	
20	2820126	1	Insulator	
23	3311605	3	Nut 3/8	
25	3572348	1	Plate, Cover	
26	3572349	1	Plate, Cover	
27	3900283	3	Screw	
30	3960464	4 ft/ 1.2m	Seal	
36	4711600	6	Washer 3/8	
37	4751500	3	Washer 5/16	
38	4751600	4	Washer 3/8	
39	4846210	1	Tube, Exhaust	

SECTION 3 - ENGINE

FIGURE 3-6. EXHAUST STACK AND HOOD Baffles INSTALLATION - AGM BATTERIES
(H600SJ/H600SJP)



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SECTION 3 - ENGINE

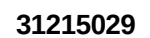
**FIGURE 3-6. EXHAUST STACK AND HOOD BAFFLES INSTALLATION - AGM BATTERIES
(H600SJ/H600SJP)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207674	Ref	EXHAUST STACK AND BAFFLES INSTALLATION - WITH STANDARD BATTERIES	F
1	0100011	AR	Compound, Locking	
4	0641514	3	Bolt 5/16 x 1-3/4	
5	0641606	4	Bolt 3/8 x 3/4	
14	2680482	1	Trim, Hood	
17	2820122	1	Insulation	
18	2820123	1	Insulation	
19	2820126	1	Insulator	
22	3311605	3	Nut 3/8	
24	3572348	1	Plate, Cover	
25	3572349	1	Plate, Cover	
26	3900283	3	Screw	
29	3960464	4 ft/1.2m	Seal	
35	4711600	6	Washer 3/8	
36	4751500	3	Washer 5/16	
37	4751600	4	Washer 3/8	
38	4846210	1	Tube, Exhaust	

SECTION 4 - BOOM

176

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SECTION 4 - BOOM

FIGURE 4-1. BOOM INSTALLATION (EC600SJ/H600SJ)

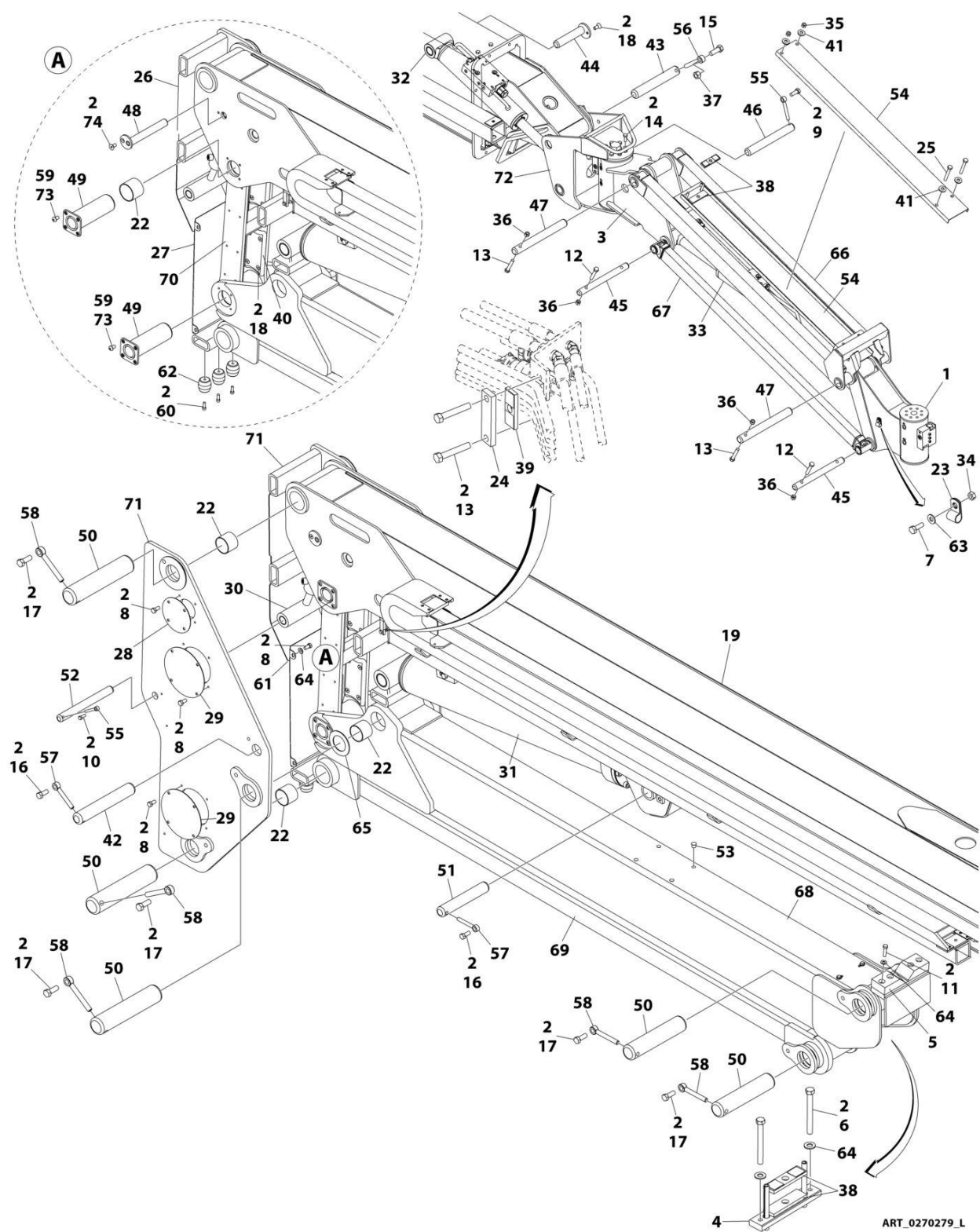
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0259549	Ref	BOOM INSTALLATION	O
1	1001217779	1	Platform Rotator Assembly (See Separate Breakdown in this Section)	
2	0100011	AR	Compound, Locking	
3	0561380	2	Block, Boom Rest	
4	0641606	32	Bolt 3/8 x 3/4	
5	0641608	2	Bolt 3/8 x 1	
6	0641612	4	Bolt 3/8 x 1-1/2	
7	0641616	4	Bolt 3/8 x 2	
8	0641618	4	Bolt 3/8 x 2-1/4	
9	0641811	1	Bolt 1/2 x 1-3/8	
10	0642012	2	Bolt 5/8 x 1-1/2	
11	0642216	5	Bolt 3/4 x 2	
12	0741607	17	Screw 3/8 x 7/8	
13	0801207	1	Main Boom Assembly (See Separate Breakdown in this Section)	
14	0962292	2	Bushing	
15	0961951	2	Bushing	
16	0962297	12	Bushing	
17	1670911	1	Cover, Upright Upper	
18	1670912	1	Cover, Upright Lower	
19	1670913	2	Cover, Pin	
20	1670928	4	Cover, Pin	
21	1001140282	1	Lift Cylinder Assembly - Jib (See Separate Breakdown in CYLINDER Section)	
22	1683866	1	Master Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
23	1001251014	1	Lift Cylinder Assembly - Main Boom (See Separate Breakdown in CYLINDER Section)	
24	1001140596	1	Level Cylinder Assembly - Platform Slave (See Separate Breakdown in CYLINDER Section)	
25	3311605	6	Nut 3/8	
26	3311805	1	Nut 1/2	
27	4160187	3	Spring, Rubber	
28	3340873	4	Pad, Hose Guide	
29	3422568	1	Pin	
30	3422583	1	Pin	
31	3422791	2	Pin	
32	3422792	1	Pin	
33	3422793	1	Pin	
34	3422794	2	Pin	
35	3422808	1	Pin	
36	3422811	2	Pin	
37	3422830	5	Pin	
38	3422833	1	Pin	
39	3422834	1	Pin	
40	3841143	2	Keeper, Pin 3/8	
41	3841203	1	Keeper, Pin 1/2	
42	3841258	2	Keeper, Pin 5/8	
43	3841287	5	Keeper, Pin 3/4	
44	3900280	8	Screw 3/8 x 5/8	
45	4711600	14	Washer 3/8	

SECTION 4 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
46	4740492	2	Thrustwasher	
47	4845925	1	Pivot Weldment	
48	4846278	1	Link, Jib (Top)	
49	1001094670	2	Link, Jib (Bottom)	
50	4846066	1	Tower Boom Weldment	
51	4846067	1	Tower Link Weldment	
52	4846074	1	Upright Link Weldment	
53	4846075	1	Upright Weldment	
54	0362929	1	Clamp, Bar	
55	0630539	2	Capscrew 3/8 x 2-1/4	
56	0641406	2	Bolt 1/4 x 3/4	
57	1320070	2	Clamp, Cable	
58	1320277	1	Clamp, Hose	
59	0641518	2	Bolt 5/16 x 2-1/4	
60	3311405	2	Nut 1/4	
61	3311501	4	Nut 5/16	
62	3340860	6	Pad, Rubber	
63	3340861	2	Pad, Rubber	
64	3572551	2	Channel, Hose Carrier	
65	3931616	3	Bolt 3/8 x 2	
66	3960418	10 in/ 25cm	Seal	
67	4711400	2	Washer 1/4	
68	4751500	6	Washer 5/16	
69	3520034	4	Plug, Hole	
70	0100019	AR	Compound, Locking	
71	0741606	1	Bolt 3/8 x 3/4	

SECTION 4 - BOOM

FIGURE 4-2. BOOM INSTALLATION (EC600SJP/H600SJP)



SECTION 4 - BOOM

FIGURE 4-2. BOOM INSTALLATION (EC600SJP/H600SJP)

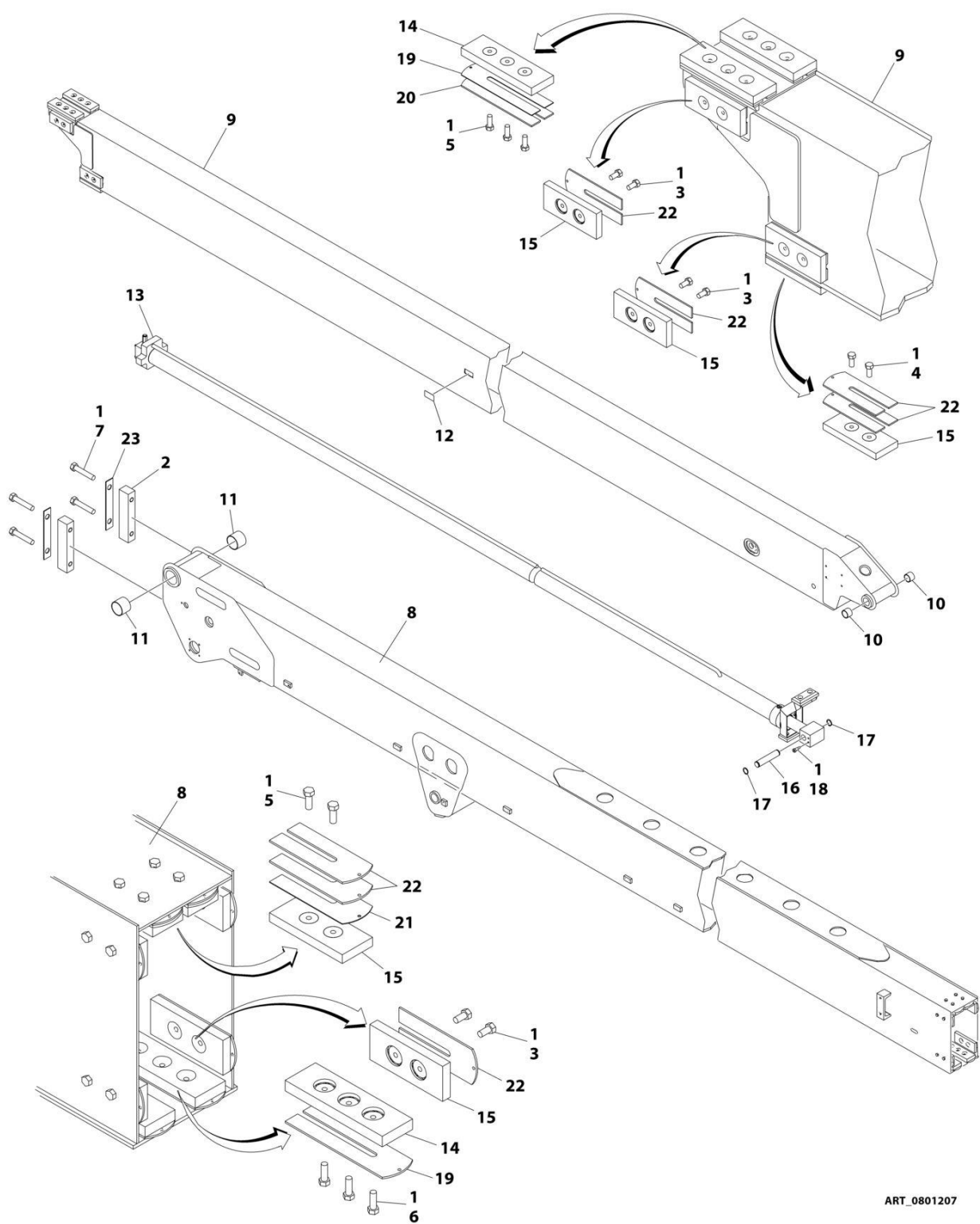
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270279	Ref	BOOM INSTALLATION	L
1	0060056	1	Platform Rotator Assembly (See Separate Breakdown in this Section)	
2	0100011	AR	Compound, Locking	
3	0060057	1	Jib Rotator Assembly (See Separate Breakdown in this Section)	
4	0362929	1	Clamp, Bar	
5	0561380	2	Block, Boom Rest	
6	0630539	2	Capscrew 3/8 x 2-1/4	
7	0641406	2	Bolt 1/4 x 3/4	
8	0641606	32	Bolt 3/8 x 3/4	
9	0641607	1	Bolt 3/8 x 7/8	
10	0641608	1	Bolt 3/8 x 1	
11	0641612	4	Bolt 3/8 x 1-1/2	
12	0641616	4	Bolt 3/8 x 2	
13	0641618	4	Bolt 3/8 x 2-1/4	
14	0641810	8	Bolt 1/2 x 1-1/4	
15	0641812	1	Bolt 1/2 x 1-1/2	
16	0642012	2	Bolt 5/8 x 1-1/2	
17	0642216	5	Bolt 3/4 x 2	
18	0741607	17	Screw 3/8 x 7/8	
19	0801239	1	Main Boom Assembly (See Separate Breakdown in this Section)	
22	0962297	12	Bushing	
23	1320070	2	Clamp, Cable	
24	1320277	1	Clamp, Hose	
25	0641518	2	Bolt 5/16 x 2-1/4	
26	1670911	1	Cover, Upright Upper	
27	1670912	1	Cover, Upright Lower	
28	1670913	2	Cover, Pin	
29	1670928	4	Cover, Pin	
30	1683866	1	Master Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
31	1001228014	1	Lift Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
32	1001140596	1	Level Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
33	1001140282	1	Jib Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
34	3311405	2	Nut 1/4	
35	3311501	4	Nut 5/16	
36	3311605	6	Nut 3/8	
37	3311805	1	Nut 1/2	
38	3340860	6	Pad, Rubber	
39	3340861	2	Pad, Rubber	
40	3340873	4	Pad, Hose Guide	
41	4751500	6	Washer 5/16	
42	3422568	1	Pin	
43	3422576	1	Pin	
44	3422583	1	Pin	
45	3422791	2	Pin	
46	3422792	1	Pin	
47	3422794	2	Pin	

SECTION 4 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
48	3422808	1	Pin	
49	3422811	2	Pin	
50	3422830	5	Pin	
51	3422833	1	Pin	
52	3422834	1	Pin	
53	3520034	4	Plug, Hole	
54	3572551	2	Channel, Hose Carrier	
55	3841143	2	Keeper, Pin 3/8	
56	3841203	1	Keeper, Pin 1/2	
57	3841258	2	Keeper, Pin 5/8	
58	3841287	5	Keeper, Pin 3/4	
59	3900280	8	Screw 3/8 x 5/8	
60	3931616	3	Bolt 3/8 x 2	
61	3960418	10 in /53cm	Seal	
62	4160187	3	Spring, Rubber	
63	4711400	2	Washer 1/4	
64	4711600	14	Washer 3/8	
65	4740492	2	Thrustwasher	
66	4846278	1	Link, Jib (Top)	
67	1001094670	2	Link, Jib (Bottom)	
68	4846066	1	Tower Boom Weldment	
69	4846067	1	Tower Link Weldment	
70	4846074	1	Upright Link Weldment	
71	4846075	1	Upright Weldment	
72	4846258	1	Pivot Weldment	
73	0100019	AR	Compound, Locking	
74	0741606	1	Bolt 3/8 x 3/4	

SECTION 4 - BOOM

FIGURE 4-3. MAIN BOOM ASSEMBLY (EC600SJ/H600SJ)



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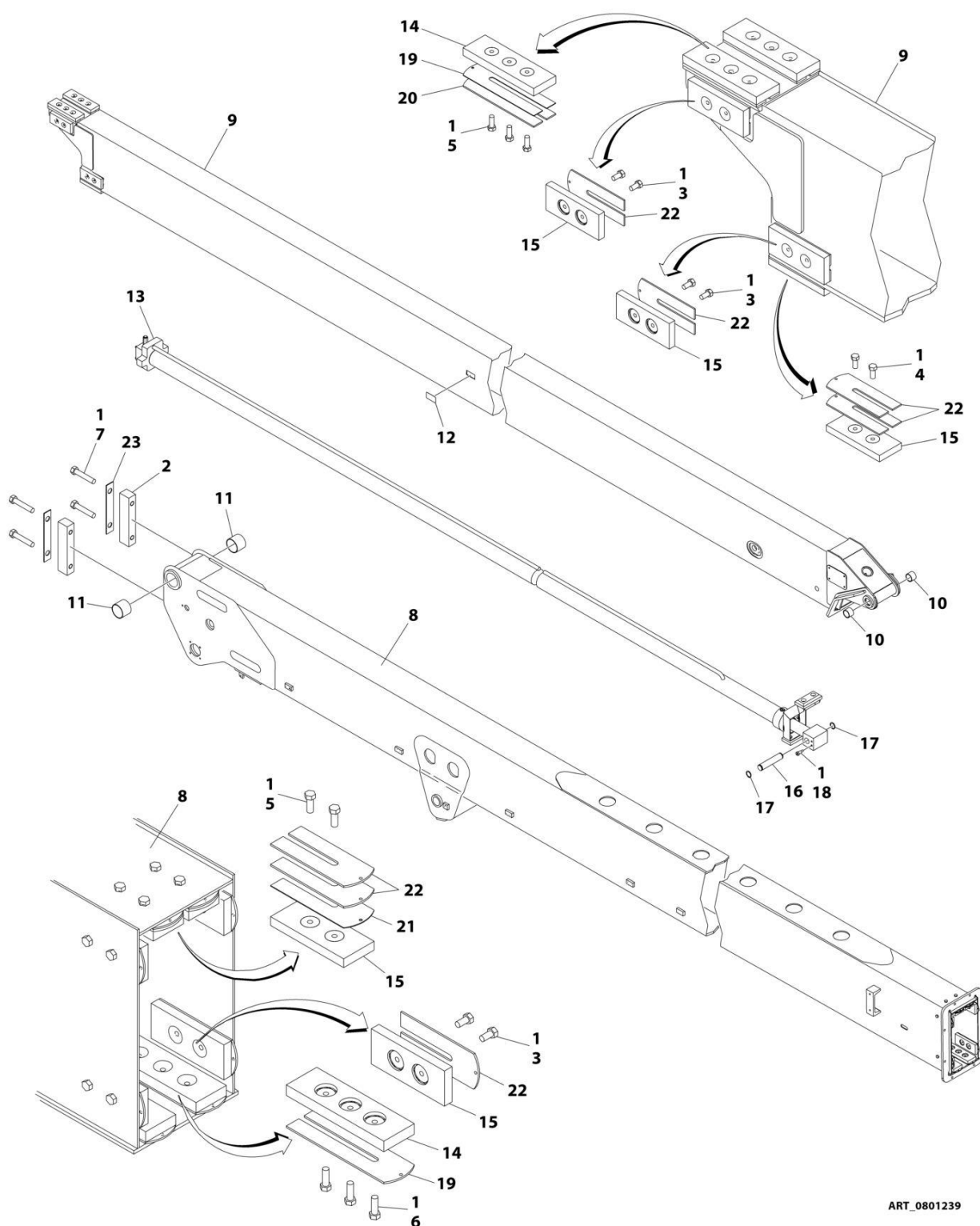
SECTION 4 - BOOM

FIGURE 4-3. MAIN BOOM ASSEMBLY (EC600SJ/H600SJ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0801207	Ref	MAIN BOOM ASSEMBLY	F
1	0100011	AR	Compound, Locking	
2	0561185	2	Block, Telescope Attach	
3	0641606	16	Bolt 3/8 x 3/4	
4	0641607	4	Bolt 3/8 x 7/8	
5	0641608	10	Bolt 3/8 x 1	
6	0641609	6	Bolt 3/8 x 1-1/8	
7	0641616	4	Bolt 3/8 x 2	
8	0801606	1	Base Boom Weldment	
9	0801582	1	Fly Boom Weldment	
10	0961948	2	Bearing	
11	0962297	2	Bearing	
12	1670836	6	Cover, Boom	
13	1001228017	1	Telescope Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
14	3340871	4	Pad	
15	3340881	12	Pad	
16	3422457	1	Pin	
17	3760133	2	Ring, Retaining	
18	3900259	4	Screw, Shoulder	
19	4070863	4	Shim #11Ga	
20	4070864	2	Shim #18Ga	
21	4070897	2	Shim #18Ga	
22	4070898	16	Shim #11Ga	
23	4070929	2	Shim #16Ga	

SECTION 4 - BOOM

FIGURE 4-4. MAIN BOOM ASSEMBLY (EC600SJP/H600SJP)



ART_0801239

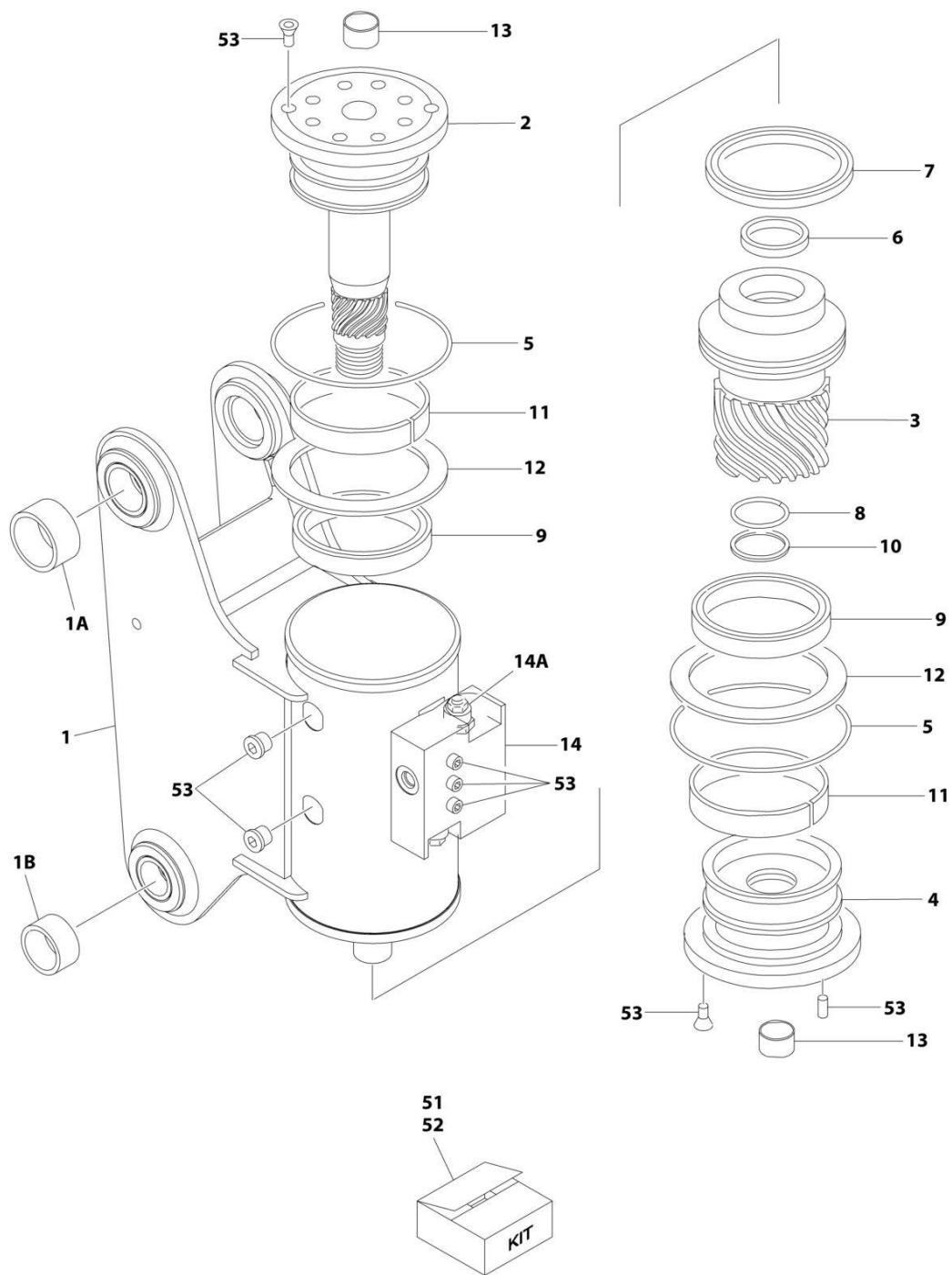
SECTION 4 - BOOM

FIGURE 4-4. MAIN BOOM ASSEMBLY (EC600SJP/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0801239	Ref	MAIN BOOM ASSEMBLY (E600JP/M600JP)	F
1	0100011	AR	Compound, Locking	
2	0561185	2	Block, Telescope Attach	
3	0641606	16	Bolt 3/8 x 3/4	
4	0641607	4	Bolt 3/8 x 7/8	
5	0641608	10	Bolt 3/8 x 1	
6	0641609	6	Bolt 3/8 x 1-1/8	
7	0641616	4	Bolt 3/8 x 2	
8	0801611	1	Base Boom Weldment	
9	0801583	1	Fly Boom Weldment	
10	0961948	2	Bearing	
11	0962297	2	Bearing	
12	1670836	6	Cover, Boom	
13	1001228017	1	Telescope Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
14	3340871	4	Pad	
15	3340881	12	Pad	
16	3422457	1	Pin	
17	3760133	2	Ring, Retaining	
18	3900259	4	Screw, Shoulder	
19	4070863	4	Shim #11Ga	
20	4070864	2	Shim #18Ga	
21	4070897	2	Shim #18Ga	
22	4070898	16	Shim #11Ga	
23	4070929	2	Shim #16Ga	

SECTION 4 - BOOM

FIGURE 4-5. ROTATOR ASSEMBLY (EC600SJ/H600SJ)



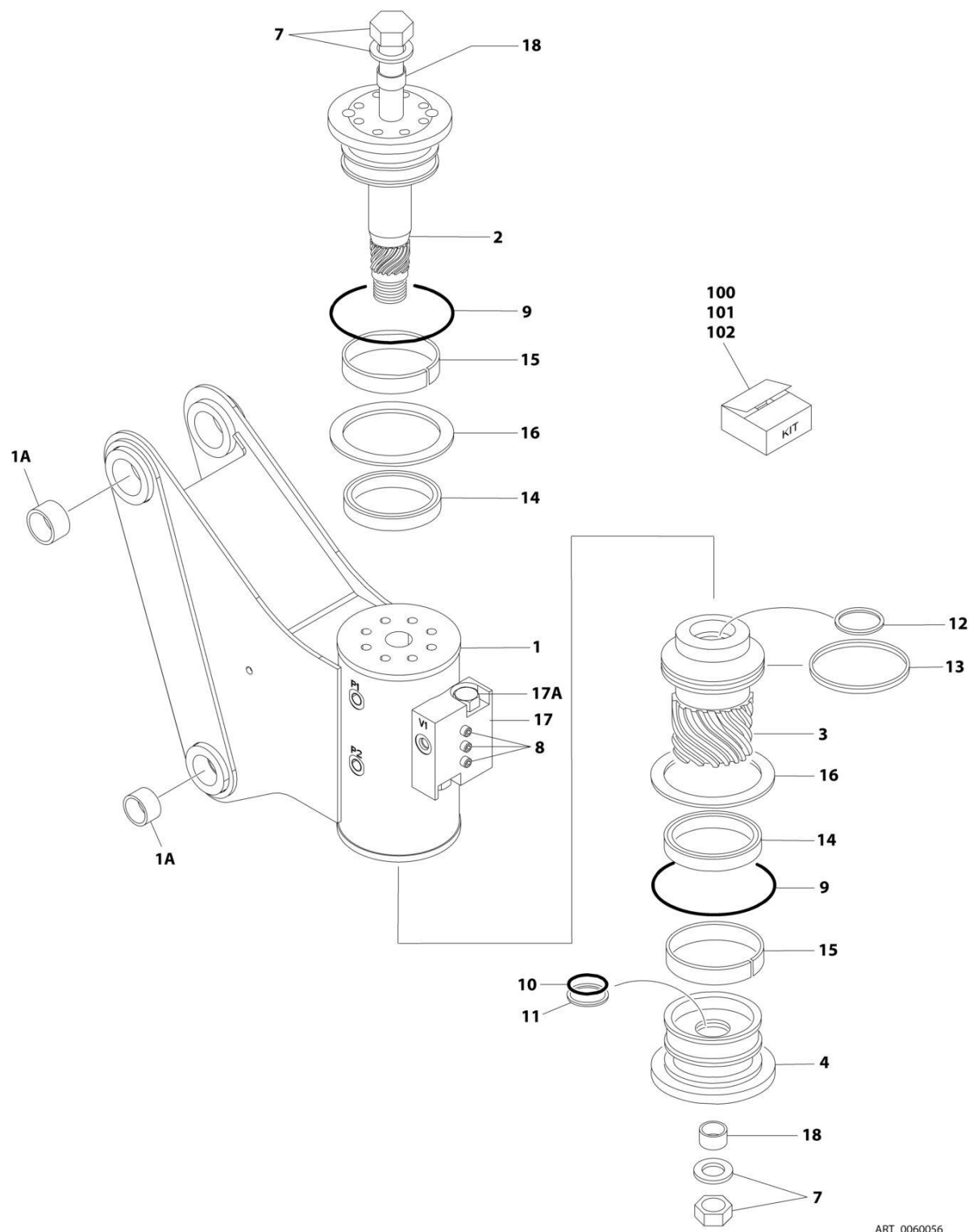
ART_1001217779

FIGURE 4-5. ROTATOR ASSEMBLY (EC600SJ/H600SJ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217779	Ref	ROTATOR ASSEMBLY	B
1	See Note	NSS	Housing (Note: Purchase Complete Assembly)	
1A	0962257	2	Bushing	
1B	0961947	2	Bushing	
2	7017162	1	Shaft	
3	7017163	1	Piston	
4	7017164	1	Cap, End	
5	See Note	NSS	O-Ring (Note: Use p/n 70000342)	
6	See Note	NSS	Seal, Rod (Note: Purchase p/n 70000342)	
7	See Note	NSS	Seal, Piston (Note: Purchase p/n 70000342)	
8	See Note	NSS	Seal, Cap (Note: Purchase p/n 70000342)	
9	See Note	NSS	Packing, Bearing (Note: Purchase p/n 70000342)	
10	See Note	NSS	Ring, Back-up (Note: Purchase p/n 70000342)	
11	See Note	NSS	Bearing, Shaft (Note: Purchase p/n 7017159)	
12	See Note	NSS	Washer, Thrust (Note: Purchase p/n 7017159)	
13	7017195	2	Bushing	
14	7017172	1	Counterbalance Valve Assembly	
14A	7017192	2	Valve Cartridge (No Seal Kit Available)	
51	70000342	1	Seal Kit (Includes Items 5-10)	
52	7017159	1	Bearing Kit (Includes Items 11 & 12)	
53	7017142	1	Hardware Kit	

SECTION 4 - BOOM

FIGURE 4-6. ROTATOR ASSEMBLY - PLATFORM ROTATE (EC600SJP/H600SJP)



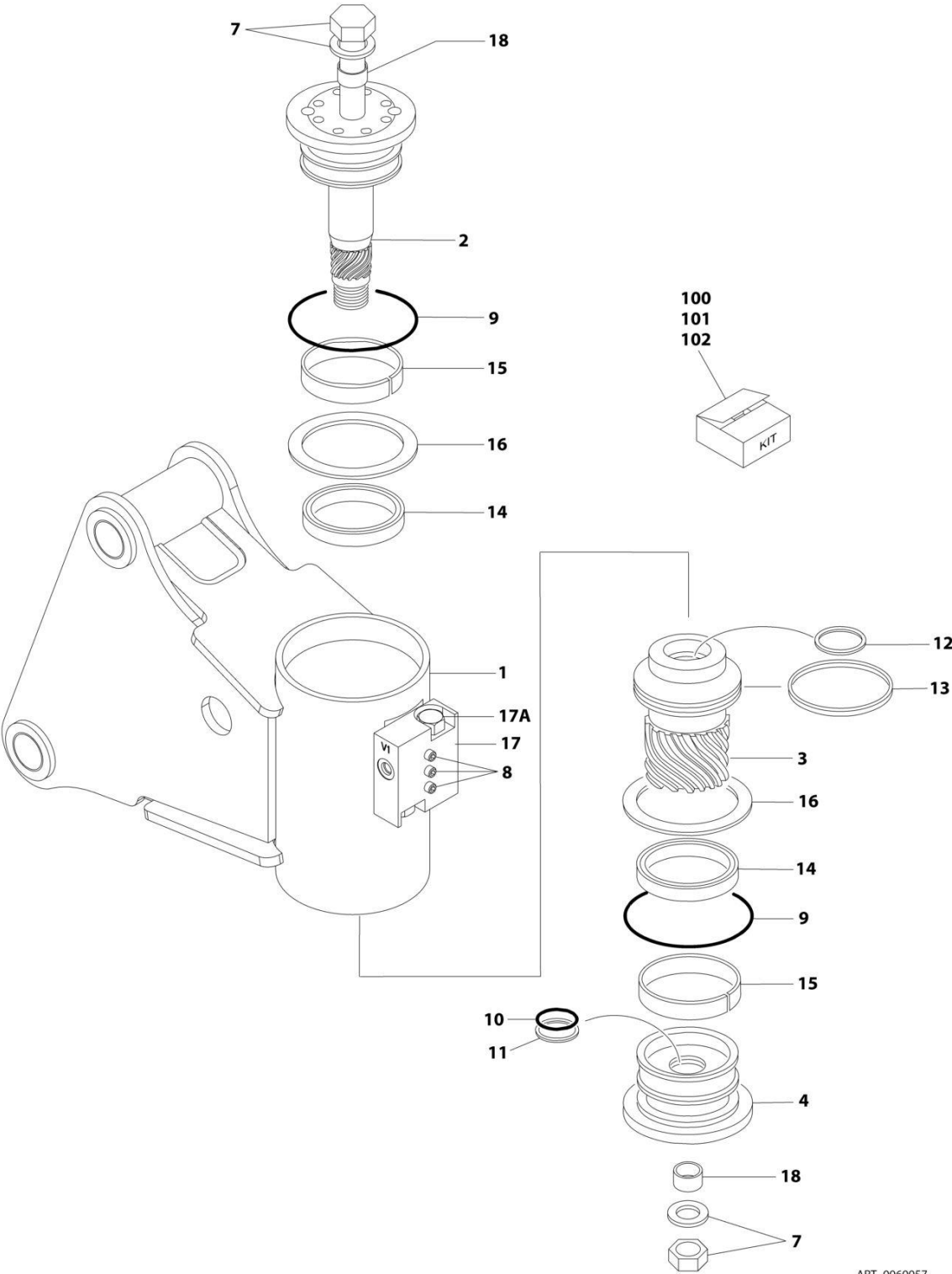
SECTION 4 - BOOM

FIGURE 4-6. ROTATOR ASSEMBLY - PLATFORM ROTATE (EC600SJP/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0060056	Ref	ROTATOR ASSEMBLY - PLATFORM ROTATE	B
1	See Note	NSS	Case/Bracket Weldment (Note: Not Available - Purchase Complete Assembly)	
1A	7017170	4	Bushing	
2	7017162	1	Shaft	
3	7017163	1	Sleeve, Piston	
4	7017164	1	Cap, End	
7	0642684	1	Bolt 1-8 x 10-1/2	
7	4892600	2	Washer	
7	3272605	1	Nut 1-8	
8	See Note	NSS	Capscrew 1/4 x 1-1/2 Grade 8 (Note: Not Available - Purchase Locally)	
9	See Note	NSS	Seal (Note: Use Item 100)	
10	See Note	NSS	O-Ring (Note: Use Item 100)	
11	See Note	NSS	Ring, Back-up Cap (Note: Use Item 100)	
12	See Note	NSS	Seal, Rod (Note: Use Item 100)	
13	See Note	NSS	Seal, Piston (Note: Use Item 100)	
14	See Note	NSS	Seal, Cap (Note: Use Item 100)	
15	See Note	NSS	Guide, Wear (Note: Use Item 101)	
16	See Note	NSS	Thrustwasher (Note: Use Item 101)	
17		Ref	Counterbalance Valve Assembly Options:	
17	7017172	1	Helac p/n 24327 Stamped beside Mounting Screws	
17	7017172	1	Helac p/n 26553 or 26554 Stamped beside Mounting Screws	
17A		Ref	Valve, Cartridge Options:	
17A	7011323	2	Valve, Cartridge for Helac p/n 24327 Valve	
17A	2900770	2	Seal Kit - 7011323 Cartridge (1 Per Assembly)	
17A	7017192	2	Valve, Cartridge Helac p/n 26553 (No Seal Kit Available)	
18	7017195	2	Bushing	
		Ref	KIT OPTIONS:	
100		Ref	Seal Kit Options: (Includes Items 9-14)	
100	7017158	1	Standard	
100	70000342	1	Cold Climate	
101	7017159	1	Bearing Kit (Includes Items 15 & 16)	
102	7017160	1	Bushing Kit (Includes Items 1A, 1B & 18)	

SECTION 4 - BOOM

FIGURE 4-7. ROTATOR ASSEMBLY - SIDE SWING ROTATE (EC600SJP/H600SJP)



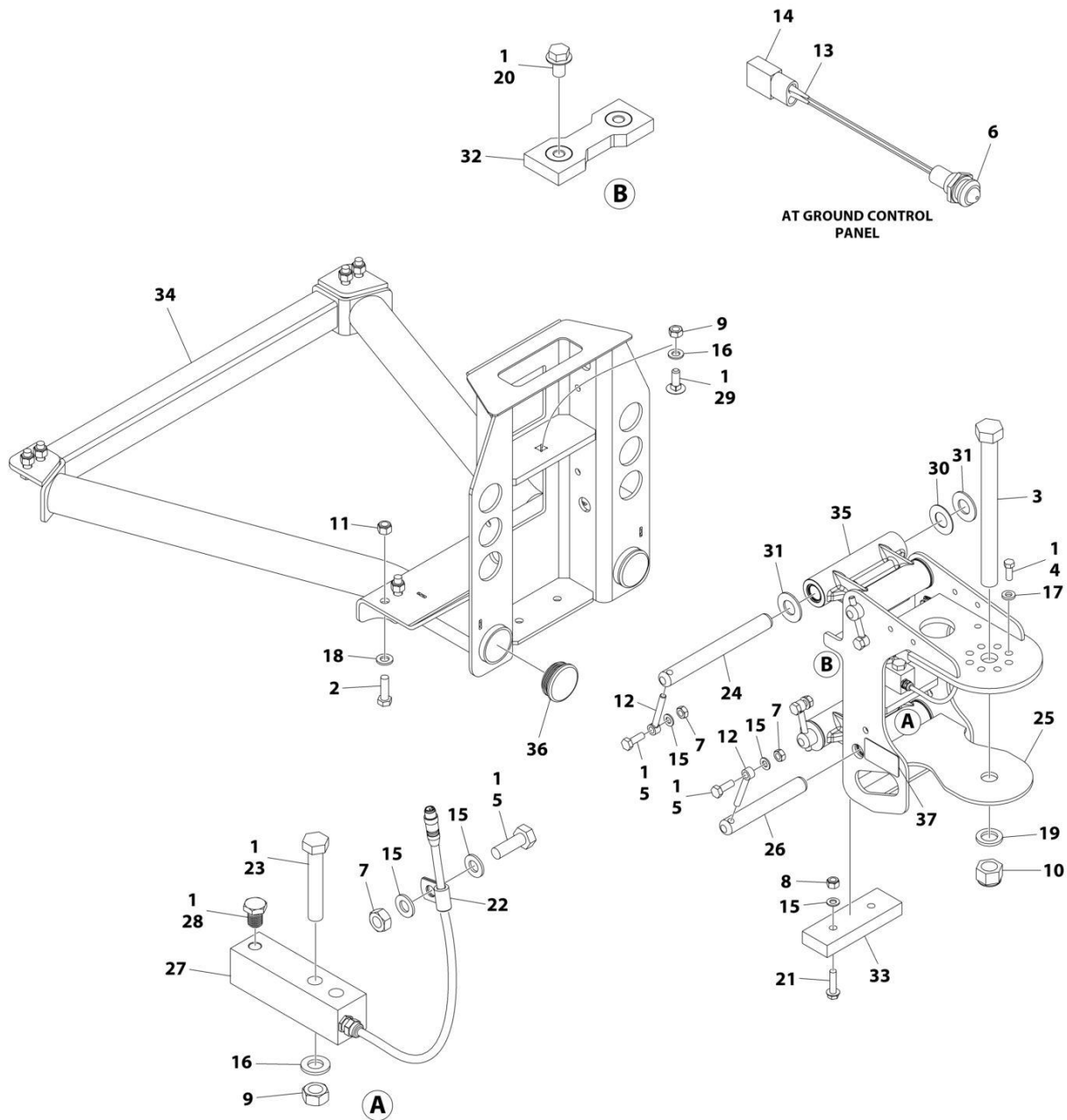
SECTION 4 - BOOM

FIGURE 4-7. ROTATOR ASSEMBLY - SIDE SWING ROTATE (EC600SJP/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0060057	Ref	ROTATOR ASSEMBLY - SIDE SWING ROTATE	D
1	See Note	NSS	Case/Bracket Weldment (Note: Not Available - Purchase Complete Assembly)	
2	7017167	1	Shaft	
3	7017168	1	Sleeve, Piston	
4	7017169	1	Cap, End	
7	0642684	1	Bolt 1-8 x 10-1/2	
7	4892600	2	Washer	
7	3272605	1	Nut 1-8	
8	See Note	NSS	Capscrew 1/4 x 1-1/2 Grade 8 (Note: Not Available - Purchase Locally)	
9	See Note	NSS	Seal (Note: Use Item 100)	
10	See Note	NSS	O-Ring (Note: Use Item 100)	
11	See Note	NSS	Ring, Back-up Cap (Note: Use Item 100)	
12	See Note	NSS	Seal, Rod (Note: Use Item 100)	
13	See Note	NSS	Seal, Piston (Note: Use Item 100)	
14	See Note	NSS	Seal, Cap (Note: Use Item 100)	
15	See Note	NSS	Guide, Wear (Note: Use Item 101)	
16	See Note	NSS	Thrustwasher (Note: Use Item 101)	
17		Ref	Counterbalance Valve Assembly Options:	
17	7017172	1	Helac p/n 24327 Stamped beside Mounting Screws	
17	7017172	1	Helac p/n 26553 or 26554 Stamped beside Mounting Screws	
17A		Ref	Valve, Cartridge Options:	
17A	7011323	2	Valve, Cartridge for Helac p/n 24327 Valve	
17A	2900770	2	Seal Kit - 7011323 Cartridge (1 Per Assembly)	
17A	7017192	2	Valve, Cartridge Helac p/n 26553 (No Seal Kit Available)	
18	7017195	2	Bushing	
		Ref	KIT OPTIONS:	
100		Ref	Seal Kit (Includes Items 9-14)	
100	7017165	1	Standard	
100	70000340	1	Cold Climate	
101	7017178	1	Bearing Kit (Includes Items 15 & 16)	
102	7017160	1	Bushing Kit (Includes Item 18)	

SECTION 4 - BOOM

FIGURE 4-8. PLATFORM SUPPORT INSTALLATION



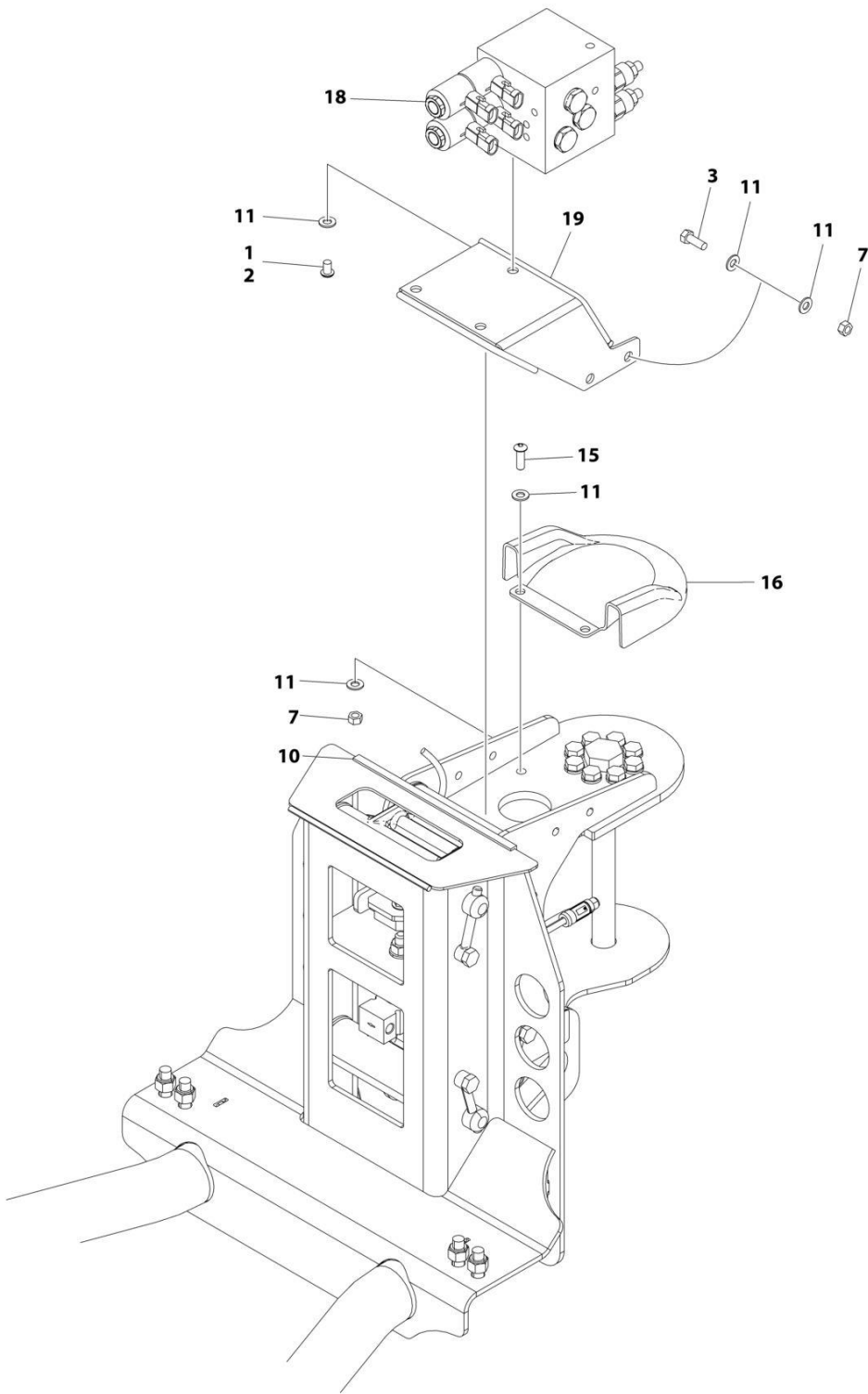
ART_1001219342

FIGURE 4-8. PLATFORM SUPPORT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219342	Ref	PLATFORM SUPPORT INSTALLATION - WITH 1 CELL LSS	E
1	0100011	AR	Compound, Locking	
2	0641812	1	Bolt 1/2 x 1-1/2	
2	0761216	8	Bolt M12 x 40	
3	1001255133	1	Bolt 1 x 11	
4	0681608	8	Bolt 3/8 x 1	
5	0761014	5	Bolt M10 x 30	
6	2920151	1	Light	
7	3291001	5	Nut M10	
8	3291005	2	Nut M10	
9	3291201	3	Nut M12	
10	1001174040	1	Nut 1	
11	3311805	8	Nut 1/2	
11	3291205	8	Nut M12	
12	3841143	4	Keeper	
13	4460226	2	Socket, Female	
14	4460424	1	Connector - 2 Position	
15	4812000	8	Washer M10	
16	4812100	3	Washer M12	
17	4891600	8	Washer 3/8	
18	4891800	8	Washer 1/2	
18	5241200	8	Washer M12	
19	4892600001	1	Washer 1	
20	5251008	2	Bolt M10 x 16	
21	5251016	2	Bolt M10 x 40	
22	91203039	1	Clamp, Support	
23	1001098828	2	Bolt M12 x 70 Grade 10.9	
24	1001167565	2	Pin	
25	1001167567	1	Platform Support	
26	1001168402	2	Pin	
27	1001247468	1	Cell, Load Sensing	
28	1001188622	1	Screw M12	
29	1001188844	1	Bolt M12 x 35	
30	1001189001	4	Bearing	
31	1001189002	8	Bearing	
32	1001190985	1	Pad, Wear	
33	1001200491	1	Plate	
34	1001200494	1	Support	
35	1001201351	2	LSS Link Assembly	
35	1001187382	4	Bearing	
35	1001187383	4	Seal	
36	1001204725	2	Plug	
37	1001216630	2	Decal - Tie Down/No Lift	

SECTION 4 - BOOM

FIGURE 4-9. BOOM VALVE INSTALLATION (EC600SJ/H600SJ)



ART_1001250318_2OF2

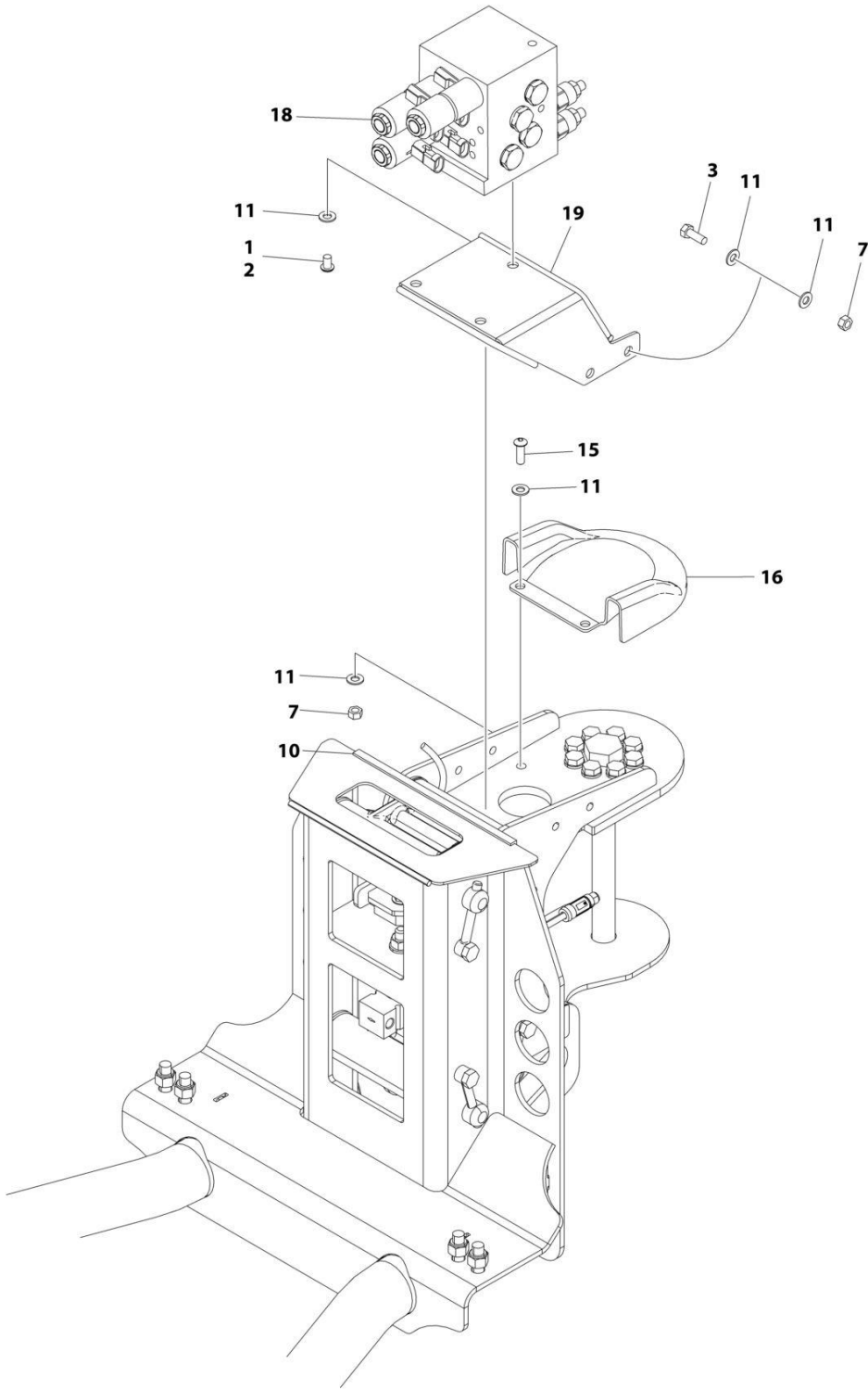
SECTION 4 - BOOM

FIGURE 4-9. BOOM VALVE INSTALLATION (EC600SJ/H600SJ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250318	Ref	BOOM VALVE INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0630467	3	Screw	
3	0641507	4	Bolt 5/16 x 7/8	
7	3271505	6	Nut 5/16	
10	4060803	AR	Flex-Trim	
11	4711500	15	Washer 5/16	
15	88261024	2	Screw 5/16-18 x 1	
16	1001207969	1	Cover	
18	1001219392	1	Boom Valve Assembly (See Separate Breakdown in this Section)	
19	1001233259	1	Mount, LSS Valve	

SECTION 4 - BOOM

FIGURE 4-10. BOOM VALVE INSTALLATION (EC600SJP/H600SJP)



ART_1001250319_2OF2

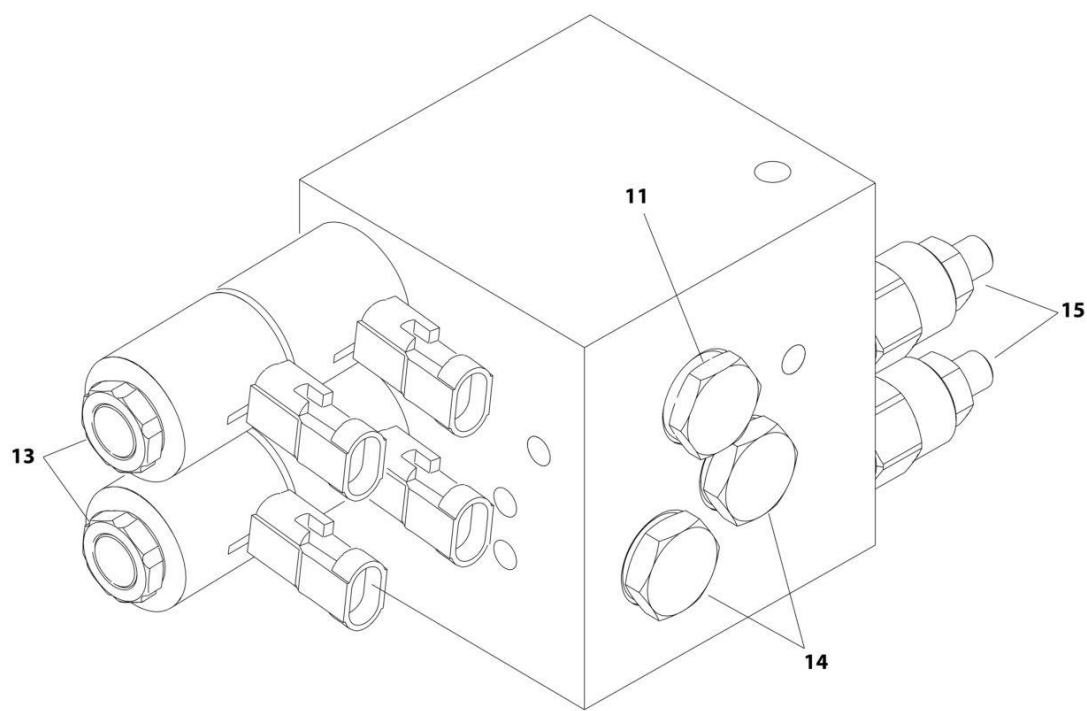
SECTION 4 - BOOM

FIGURE 4-10. BOOM VALVE INSTALLATION (EC600SJP/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250319	Ref	BOOM VALVE INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0630467	3	Screw	
3	0641507	4	Bolt 5/16 x 7/8	
7	3271505	6	Nut 5/16	
10	4060803	AR	Flex-Trim	
11	4711500	15	Washer 5/16	
15	88261024	2	Screw 5/16-18 x 1	
16	1001207969	1	Cover	
18	1001219393	1	Boom Valve Assembly (See Separate Breakdown in this Section)	
19	1001233259	1	Mount, LSS Valve	

SECTION 4 - BOOM

FIGURE 4-11. BOOM VALVE ASSEMBLY (EC600SJ/H600SJ)



ART_1001219392

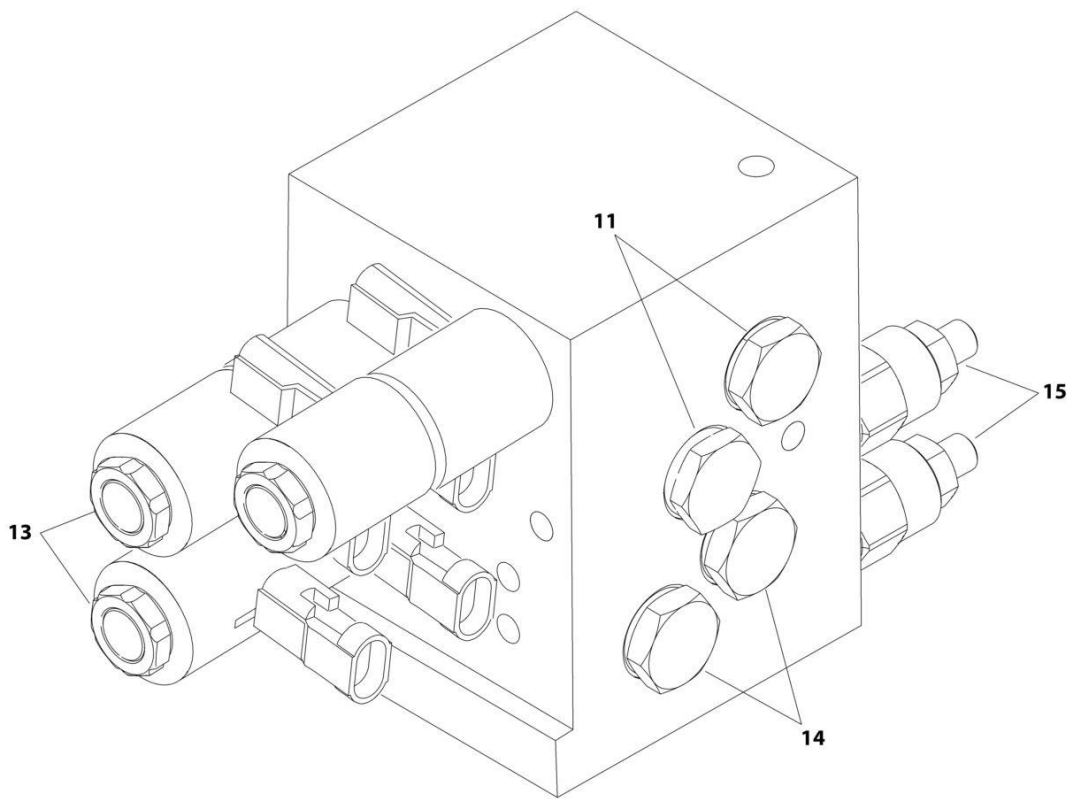
SECTION 4 - BOOM

FIGURE 4-11. BOOM VALVE ASSEMBLY (EC600SJ/H600SJ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219392	Ref	BOOM VALVE ASSEMBLY	D
11	70003027	1	Cartridge, Flow Control (Rotate)	
11	70004052	1	Seal Kit - 70003027 Cartridge	
13	70007290	2	Cartridge, Solenoid Valve (Less Coil)	
13	70007291	4	Coil	
14	70005629	2	Cartridge, Check (Platform Level)	
14	70023860	2	Seal Kit - 70005629 Cartridge	
15	70003019	2	Cartridge, Relief (Platform Level and Jib)	
15	70004052	2	Seal Kit - 70003019 Cartridge	

SECTION 4 - BOOM

FIGURE 4-12. BOOM VALVE ASSEMBLY (EC600SJP/H600SJP)



ART_1001219393

SECTION 4 - BOOM

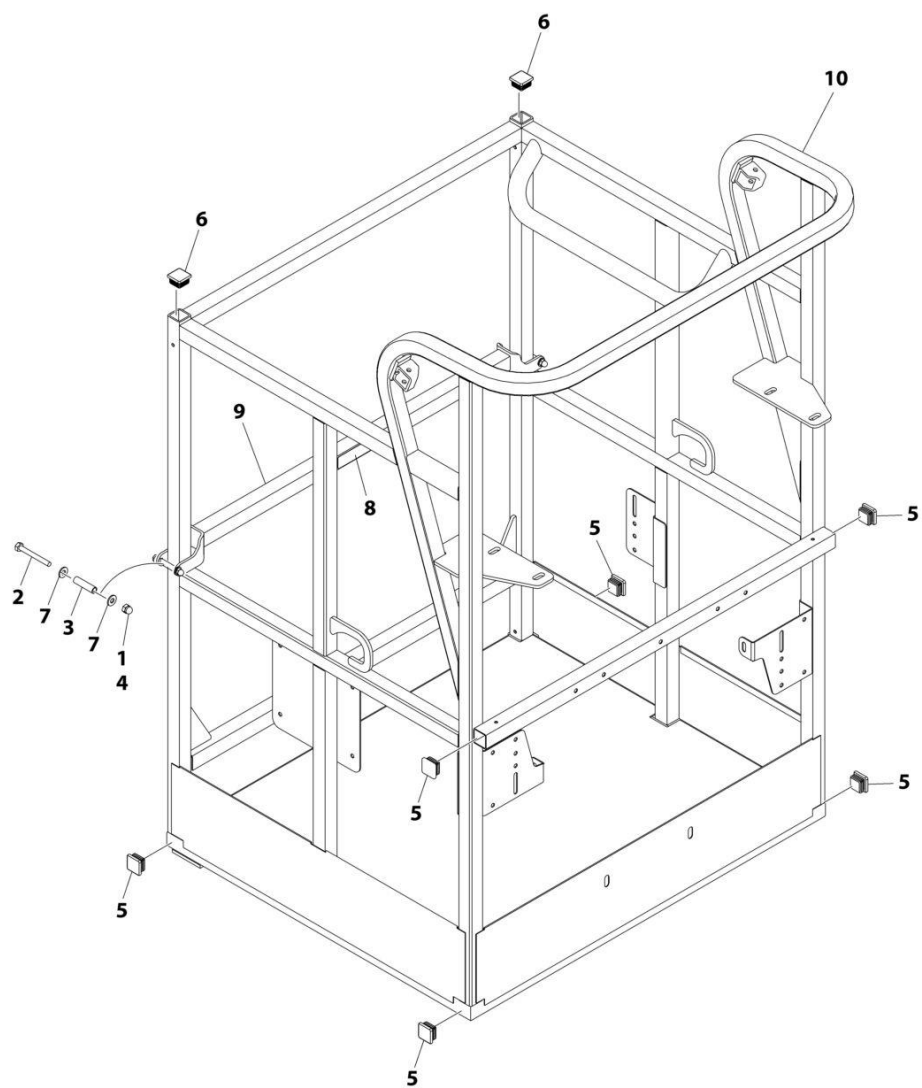
FIGURE 4-12. BOOM VALVE ASSEMBLY (EC600SJP/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219393	Ref	BOOM VALVE ASSEMBLY	D
11	70003027	2	Cartridge, Flow Control (Rotate)	
11	70004052	2	Seal Kit - 70003027 Cartridge	
13	70007290	3	Cartridge, Solenoid Valve (Less Coil)	
13	70007291	6	Coil	
14	70005629	2	Cartridge, Check (Platform Level)	
14	70023860	2	Seal Kit - 70005629 Cartridge	
15	70003019	2	Cartridge, Relief (Platform Level and Jib)	
15	70004052	2	Seal Kit - 70003019 Cartridge	

SECTION 5 - PLATFORM

SECTION 5 - PLATFORM

FIGURE 5-1. PLATFORM ASSEMBLY - 30IN X 3FT (76CM X 91.5CM) - WITH DROP BAR



ART_1001228215

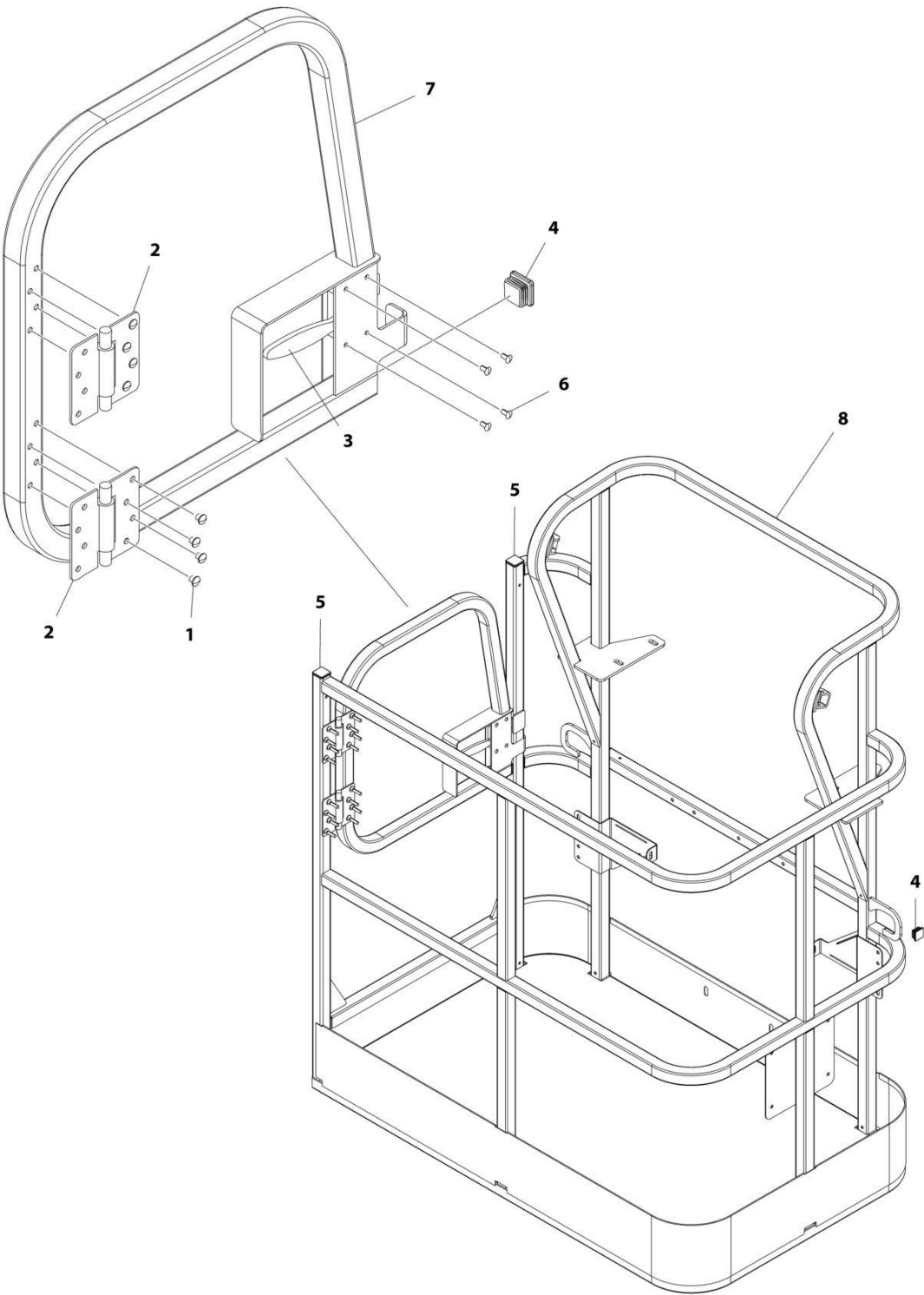
SECTION 5 - PLATFORM

FIGURE 5-1. PLATFORM ASSEMBLY - 30IN X 3FT (76CM X 91.5CM) - WITH DROP BAR

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

SECTION 5 - PLATFORM

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



ART_1001186387

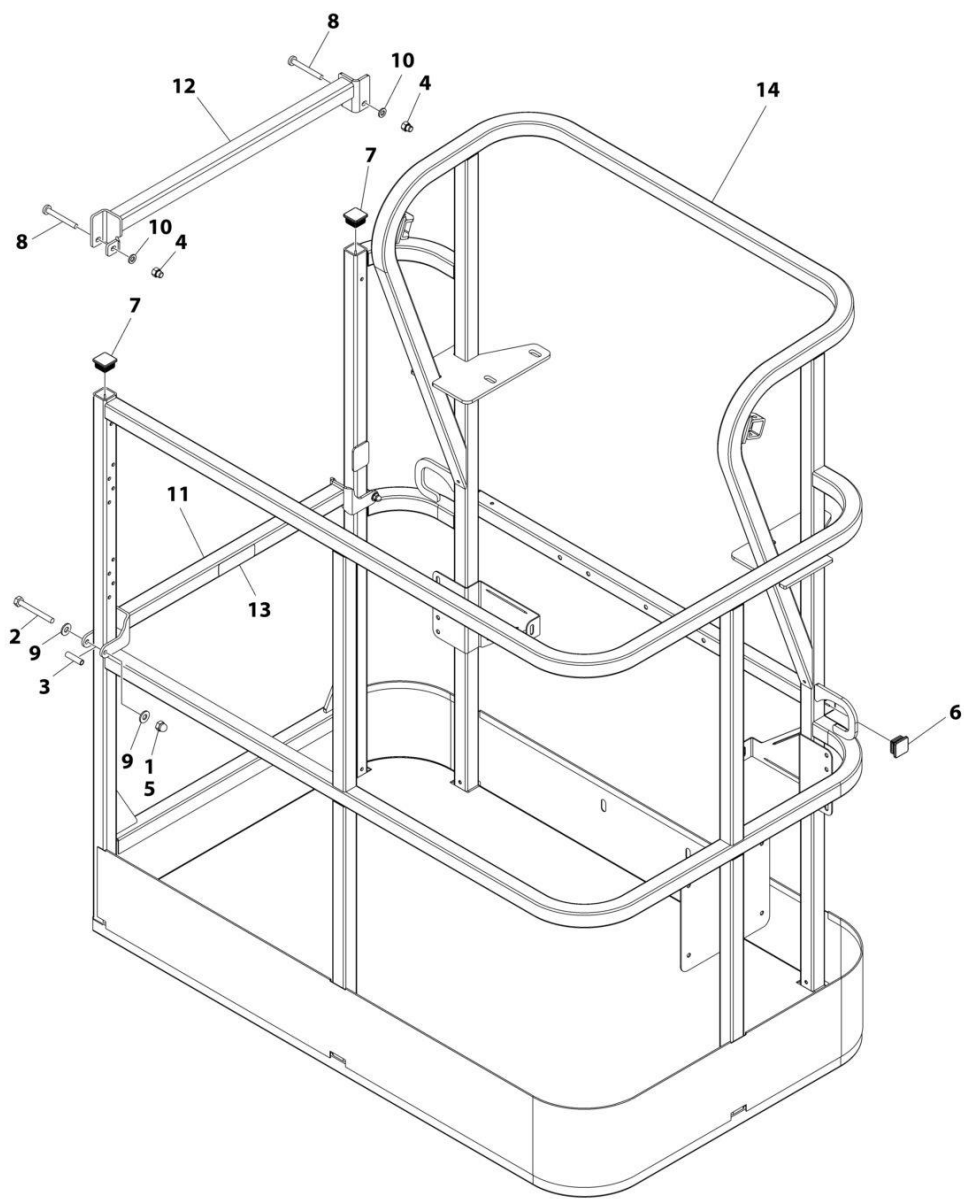
SECTION 5 - PLATFORM

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

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

SECTION 5 - PLATFORM

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



ART_1001186375

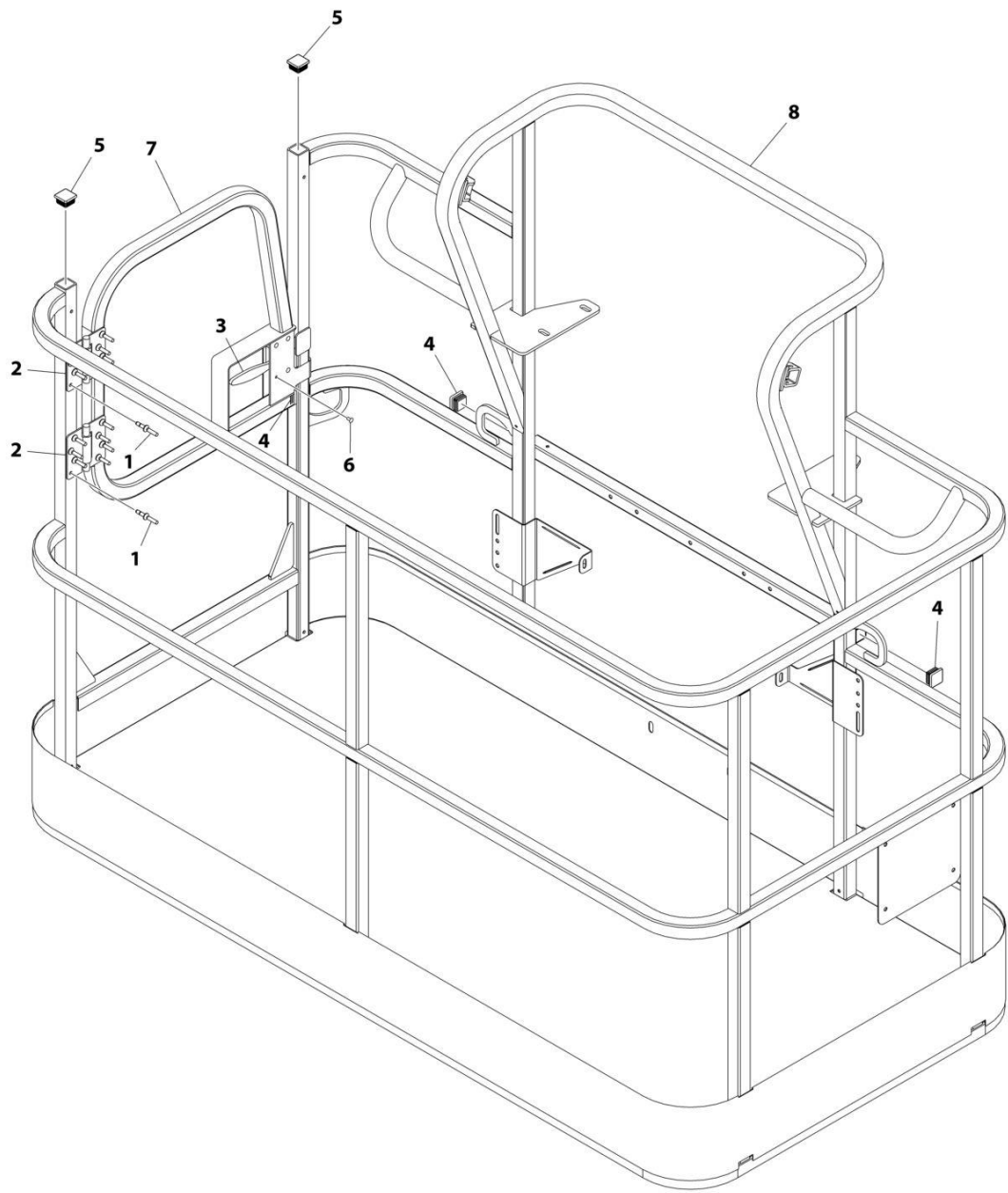
SECTION 5 - PLATFORM

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

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

SECTION 5 - PLATFORM

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



ART_1001186385

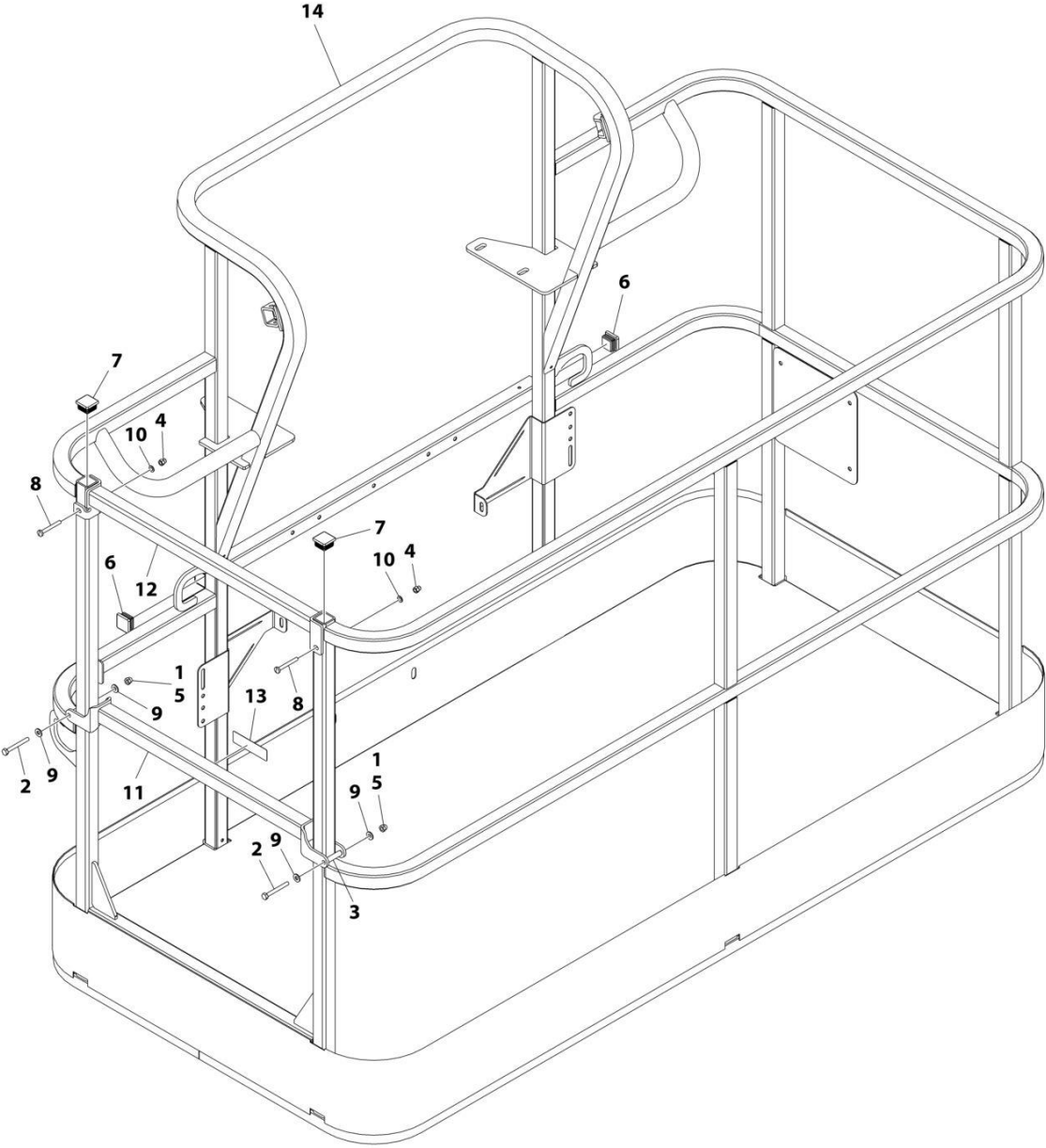
SECTION 5 - PLATFORM

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

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

SECTION 5 - PLATFORM

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



ART_1001186378

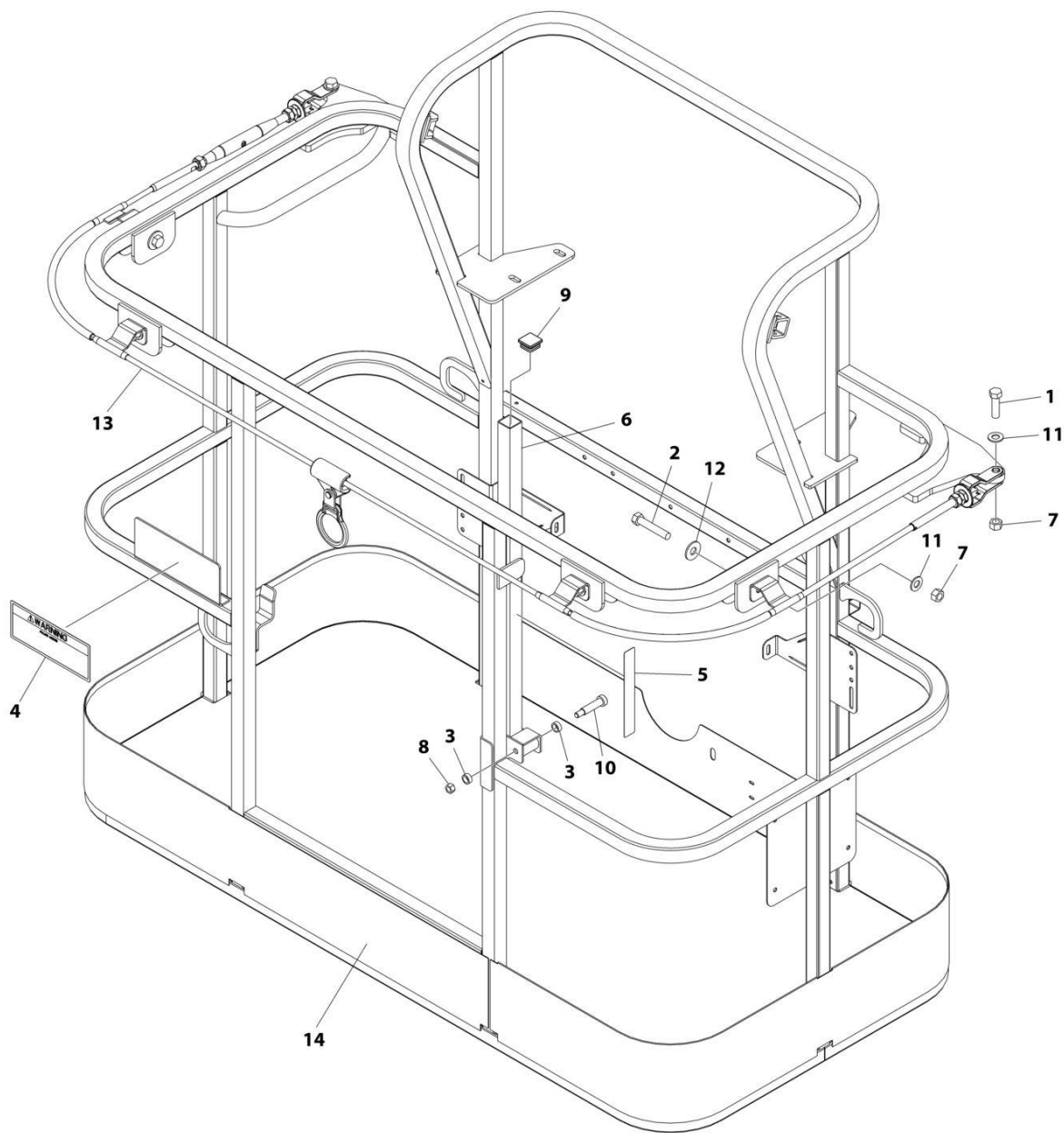
SECTION 5 - PLATFORM

FIGURE 5-5. 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 5-6. PLATFORM ASSEMBLY - 30IN X 6FT (0.9M X 1.83M) (FALL ARREST PLATFORM)



ART_1001186388

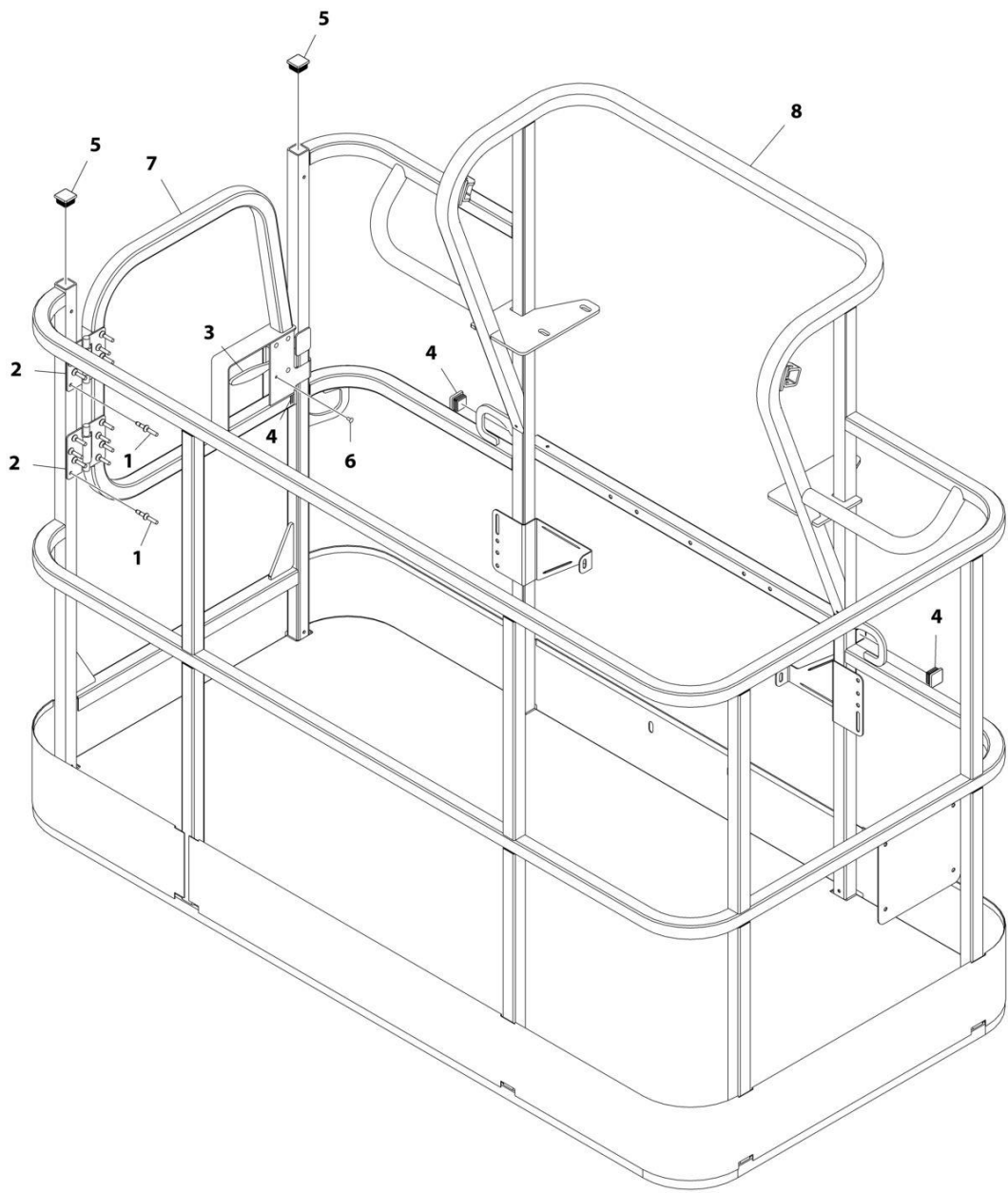
SECTION 5 - PLATFORM

FIGURE 5-6. PLATFORM ASSEMBLY - 30IN X 6FT (0.9M X 1.83M) (FALL ARREST PLATFORM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186388	Ref	PLATFORM ASSEMBLY	C
	See Note	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	1705014	1	Decal - Safety	
5	1706385	1	Decal - Drop Bar	
6	2410014	1	Gate, Weldment	
7	3271805	6	Nut 1/2	
8	3311605	1	Nut 3/8	
9	3520072	1	Cap, Plug	
10	3900054	1	Bolt 1/2 x 1-3/4	
11	4711800	6	Washer 1/2	
12	4751800	4	Washer 1/2	
13	1001203654	1	Lanyard	
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 SWING GATE



ART_1001186384

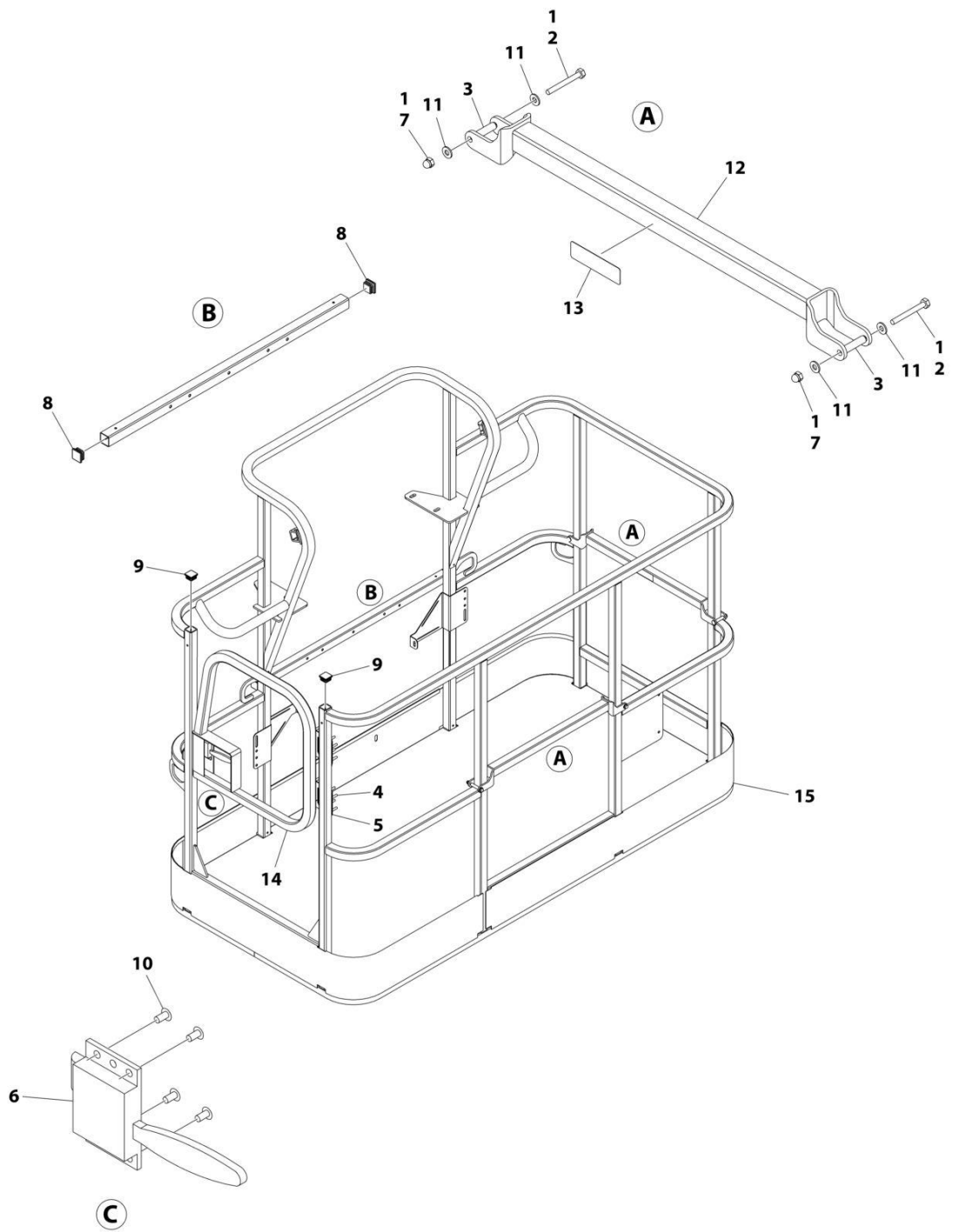
SECTION 5 - PLATFORM

FIGURE 5-7. 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 5-8. PLATFORM ASSEMBLY - 3FT X 6FT (91.5CM X 1.83M) - TRI-ENTRY - 1 SWING GATE/2 DROP BARS



ART_1001228376

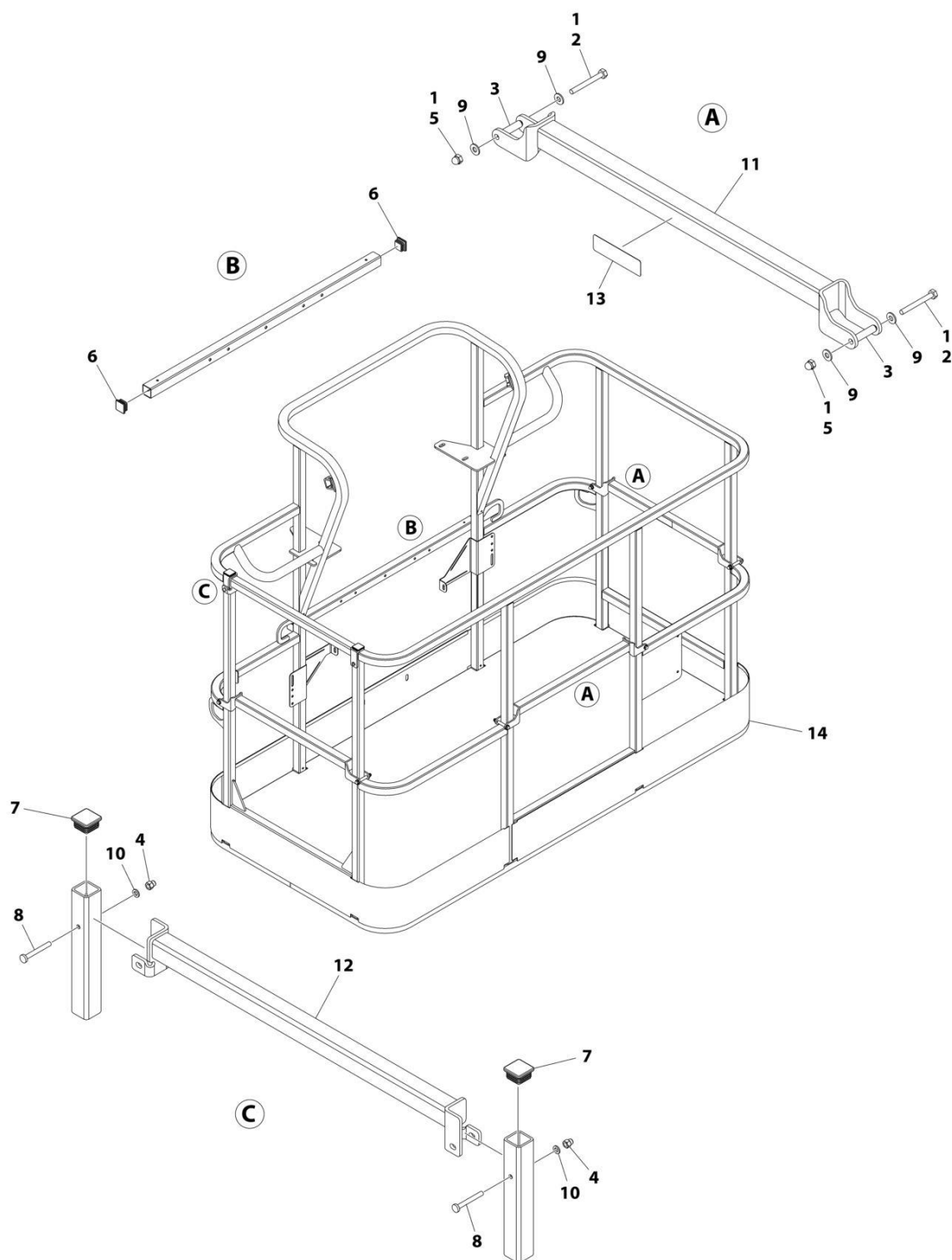
SECTION 5 - PLATFORM

FIGURE 5-8. PLATFORM ASSEMBLY - 3FT X 6FT (91.5CM X 1.83M) - TRI-ENTRY - 1 SWING GATE/2 DROP BARS

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

SECTION 5 - PLATFORM

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



ART_1001228377

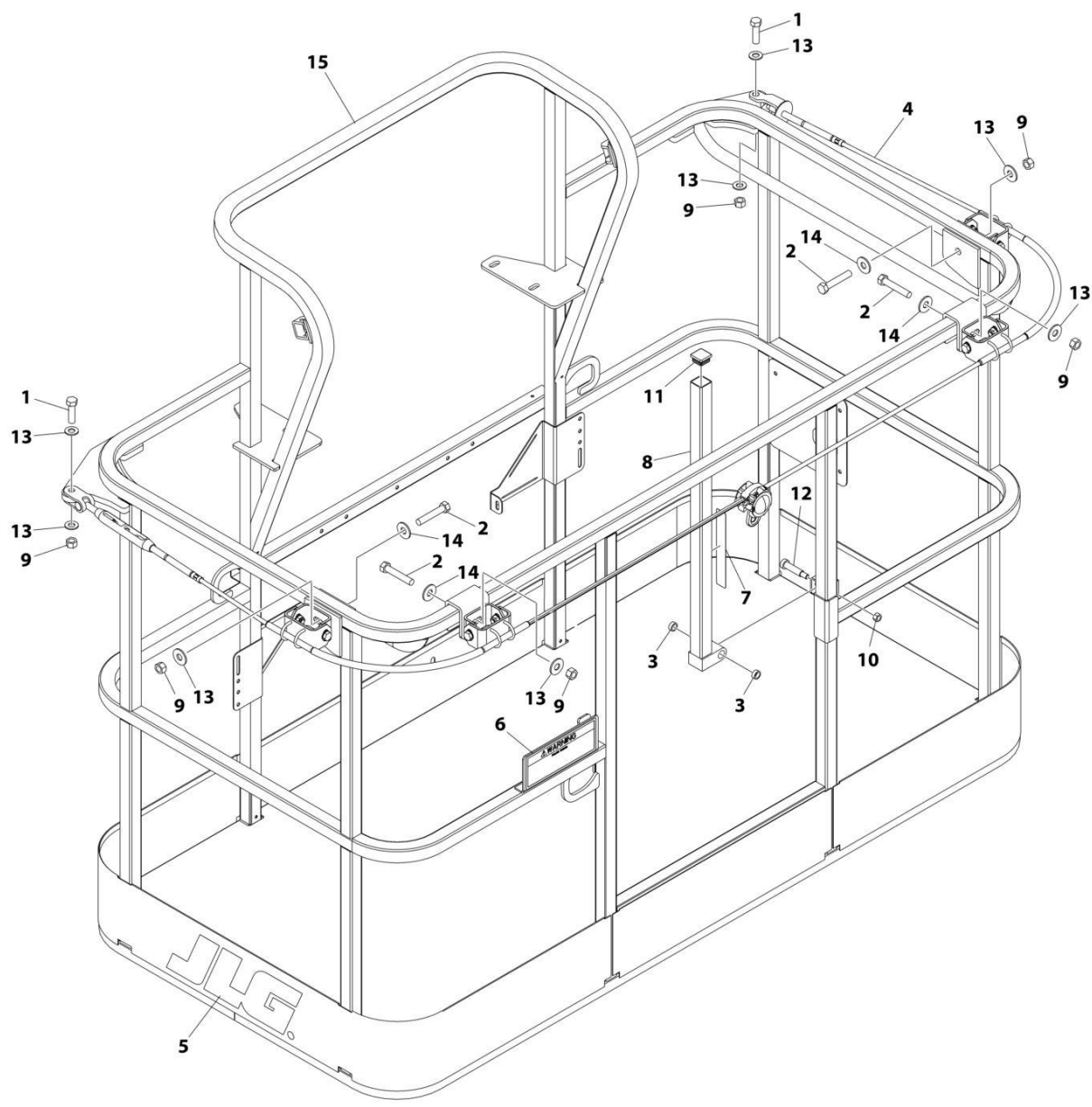
SECTION 5 - PLATFORM

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

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

SECTION 5 - PLATFORM

FIGURE 5-10. PLATFORM ASSEMBLY - 3F X 6FT (91.5CM X 1.83M) (FALL ARREST PLATFORM)



ART_1001186333

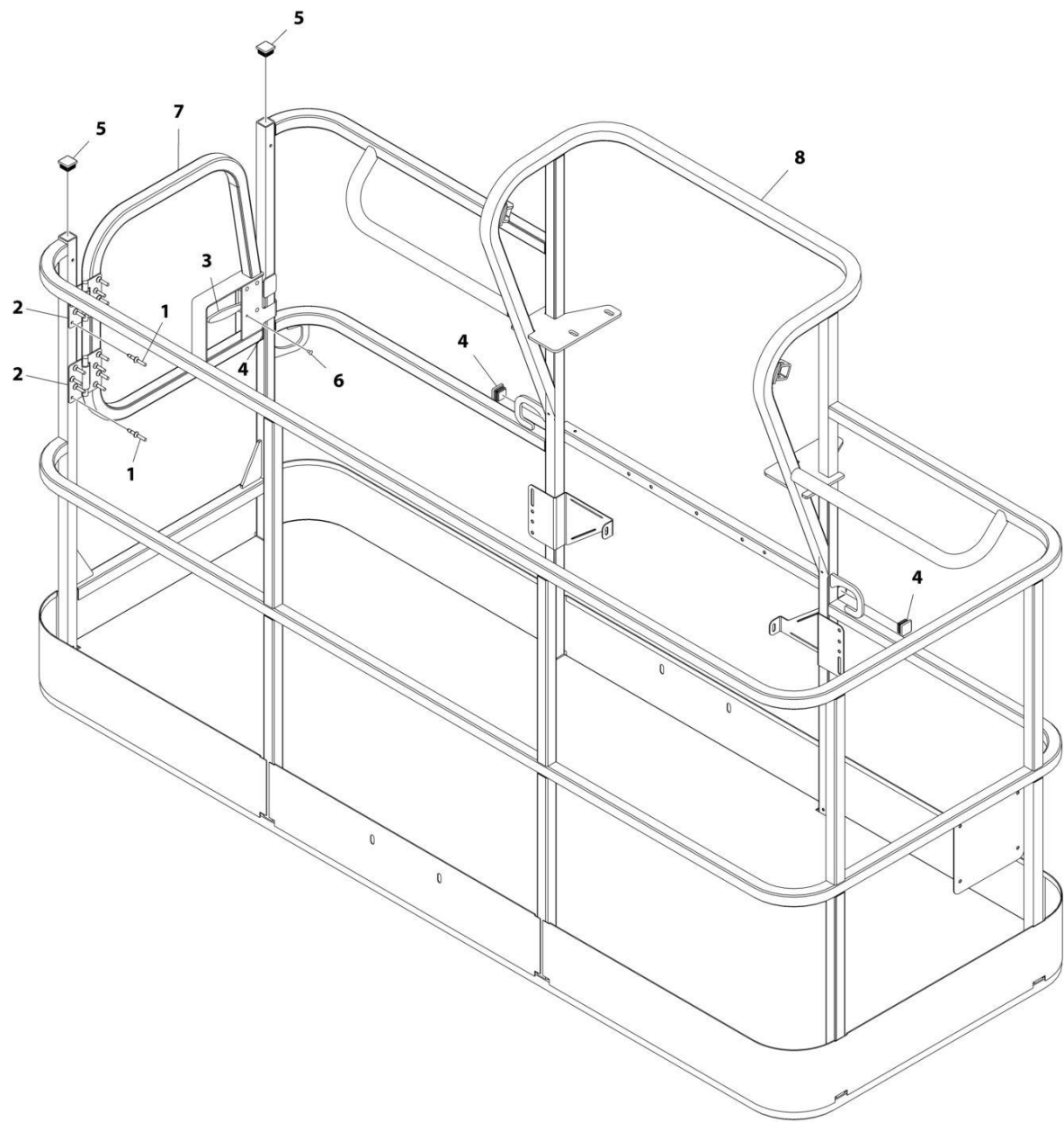
SECTION 5 - PLATFORM

FIGURE 5-10. PLATFORM ASSEMBLY - 3F X 6FT (91.5CM X 1.83M) (FALL ARREST PLATFORM)

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

SECTION 5 - PLATFORM

FIGURE 5-11. PLATFORM ASSEMBLY - 3FT X 8FT (91.5CM X 2.44M) WITH SWING GATE



ART_1001186383

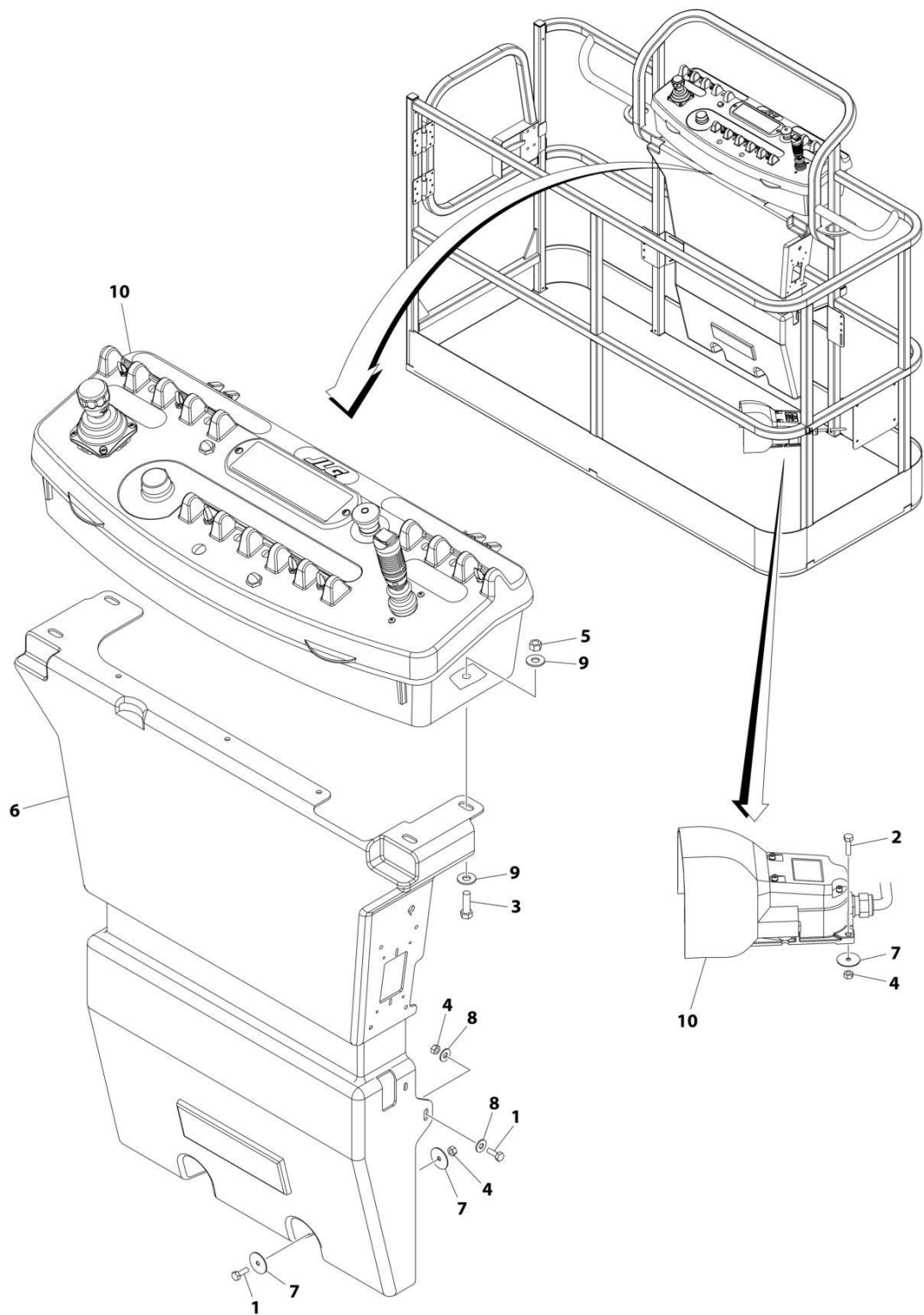
SECTION 5 - PLATFORM

FIGURE 5-11. PLATFORM ASSEMBLY - 3FT 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 5-12. PLATFORM CONSOLE INSTALLATION - 2WD (ALL SPECS EXCEPT UL SPECS)



ART_1001248317

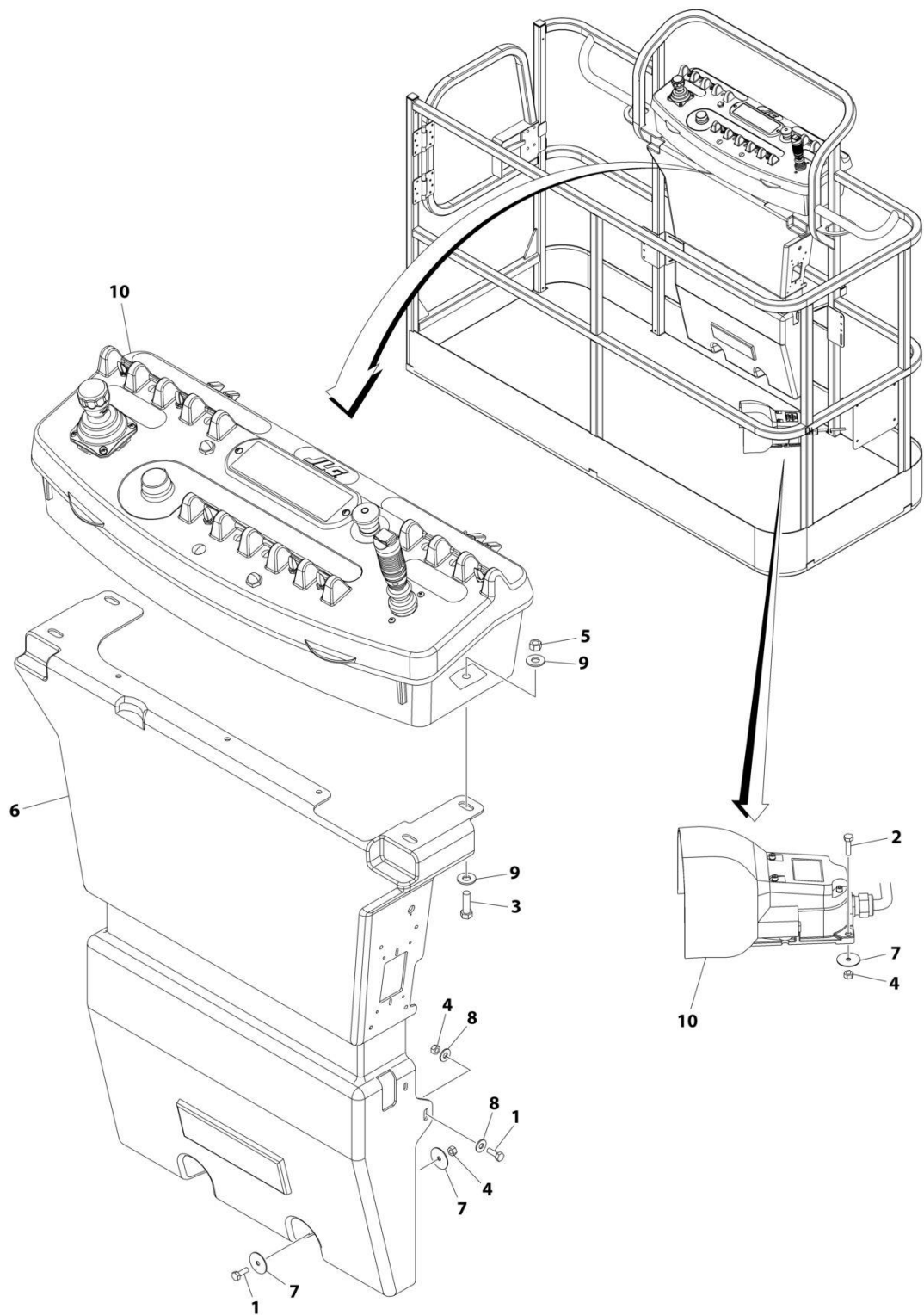
SECTION 5 - PLATFORM

FIGURE 5-12. PLATFORM CONSOLE INSTALLATION - 2WD (ALL SPECS EXCEPT UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248317	Ref	PLATFORM CONSOLE BOX INSTALLATION	B
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, Decal Mount	
7	4740362	7	Washer 1/4	
8	4751400	4	Washer 1/4	
9	4751600	8	Washer 3/8	
10	1001248316	1	Console Box Assembly (See Separate Breakdown in this Section)	

SECTION 5 - PLATFORM

FIGURE 5-13. PLATFORM CONSOLE INSTALLATION - 2WD (UL SPECS)



ART_1001248319

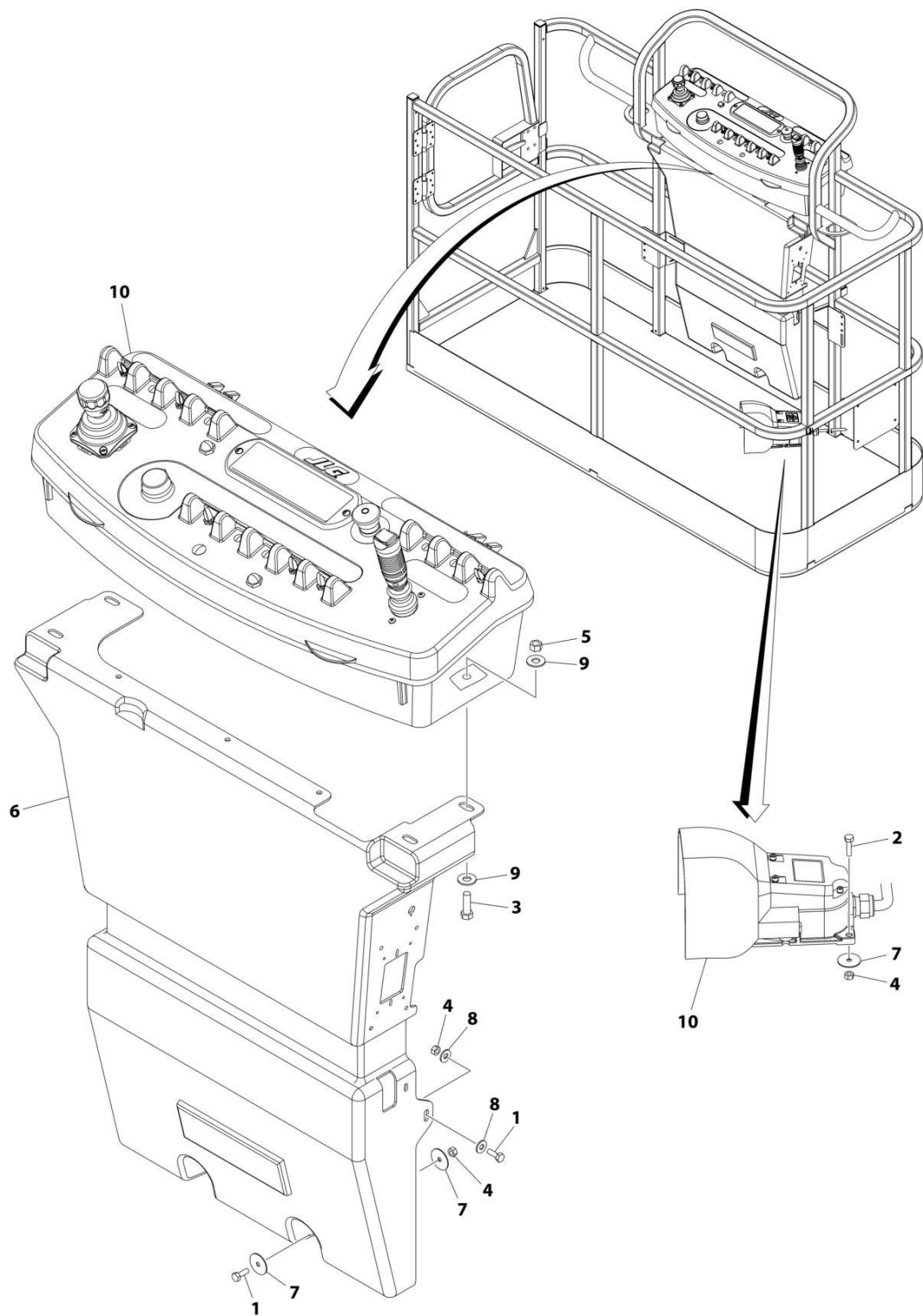
SECTION 5 - PLATFORM

FIGURE 5-13. PLATFORM CONSOLE INSTALLATION - 2WD (UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248319	Ref	PLATFORM CONSOLE BOX INSTALLATION	A
1	0641406	4	Bolt 1/4 x 3/4	
2	0641408	3	Bolt 1/4 x 1	
3	0641610	4	Bolt 3/8 x 1-1/4	
4	3311405	7	Nut 1/4	
5	3311605	4	Nut 3/8	
6	3380434	1	Panel, Decal Mount	
7	4740362	7	Washer 1/4	
8	4751400	4	Washer 1/4	
9	4751600	8	Washer 3/8	
10	1001248318	1	Console Box Assembly (See Separate Breakdown in this Section)	

SECTION 5 - PLATFORM

FIGURE 5-14. PLATFORM CONSOLE INSTALLATION - 4WD (ALL SPECS EXCEPT UL SPECS)



ART_1001248323

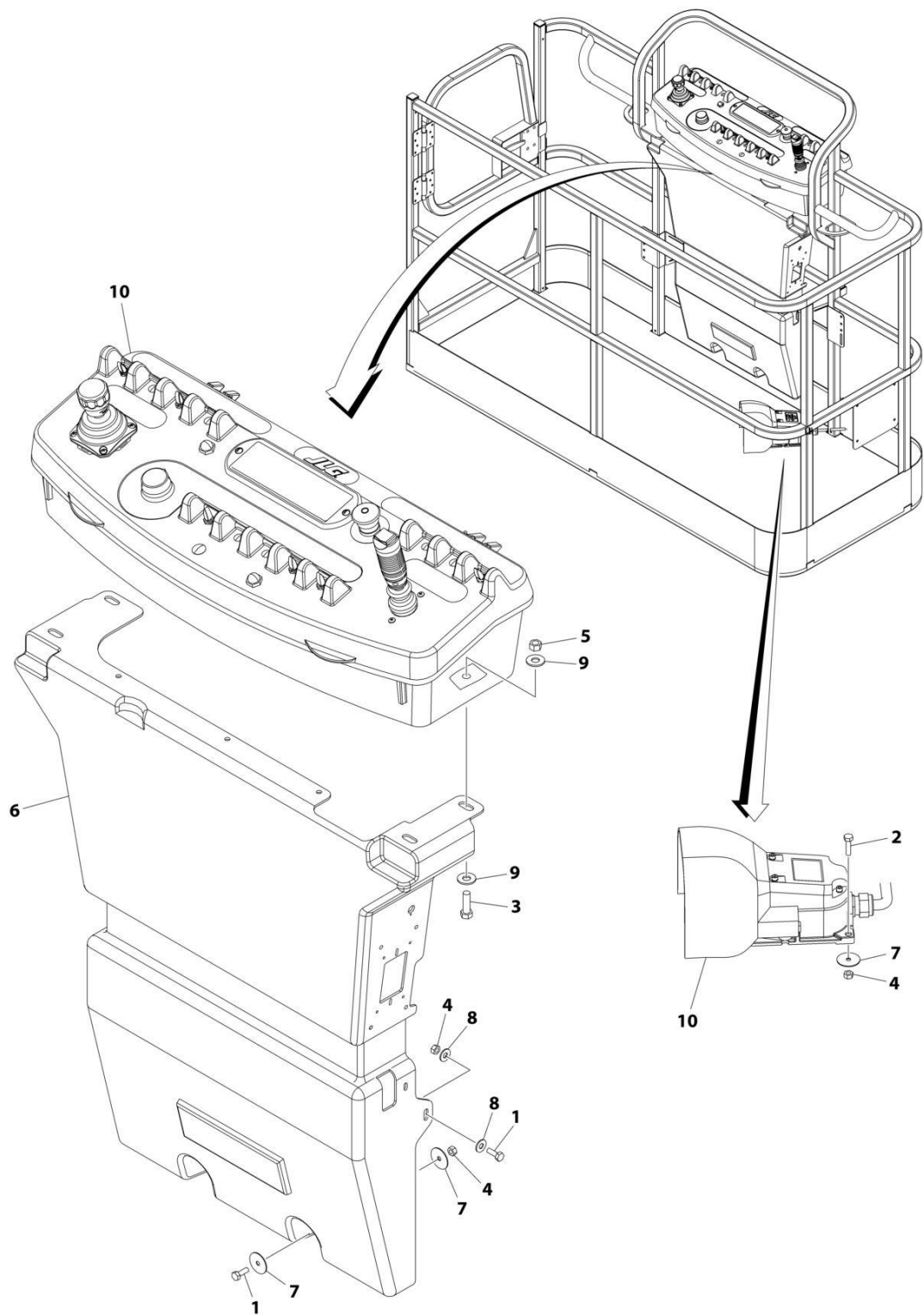
SECTION 5 - PLATFORM

FIGURE 5-14. PLATFORM CONSOLE INSTALLATION - 4WD (ALL SPECS EXCEPT UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248323	Ref	PLATFORM CONSOLE BOX INSTALLATION	A
1	0641406	4	Bolt 1/4 x 3/4	
2	0641408	3	Bolt 1/4 x 1	
3	0641610	4	Bolt 3/8 x 1-1/4	
4	3311405	7	Nut 1/4	
5	3311605	4	Nut 3/8	
6	3380434	1	Panel, Decal Mount	
7	4740362	7	Washer 1/4	
8	4751400	4	Washer 1/4	
9	4751600	8	Washer 3/8	
10	1001248322	1	Console Box Assembly (See Separate Breakdown in this Section)	

SECTION 5 - PLATFORM

FIGURE 5-15. PLATFORM CONSOLE INSTALLATION - 4WD (UL SPECS)



ART_1001248321

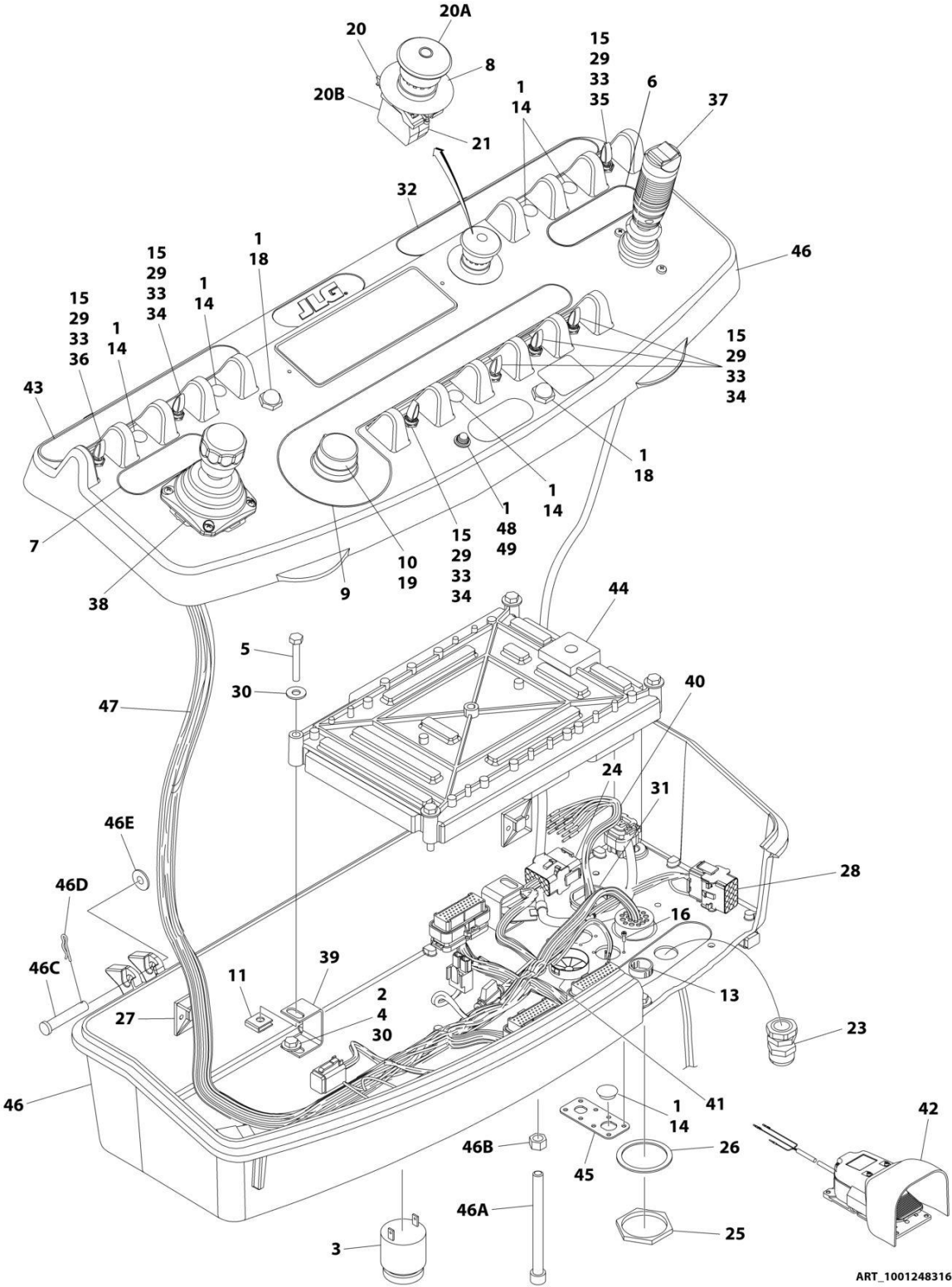
SECTION 5 - PLATFORM

FIGURE 5-15. PLATFORM CONSOLE INSTALLATION - 4WD (UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248321	Ref	PLATFORM CONSOLE BOX INSTALLATION	B
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, Decal Mount	
7	4740362	7	Washer 1/4	
8	4751400	4	Washer 1/4	
9	4751600	8	Washer 3/8	
10	1001248320	1	Console Box Assembly (See Separate Breakdown in this Section)	

SECTION 5 - PLATFORM

FIGURE 5-16. PLATFORM CONSOLE ASSEMBLY - 2WD (ALL SPECS EXCEPT UL SPECS)



SECTION 5 - PLATFORM

FIGURE 5-16. PLATFORM CONSOLE ASSEMBLY - 2WD (ALL SPECS EXCEPT UL SPECS)

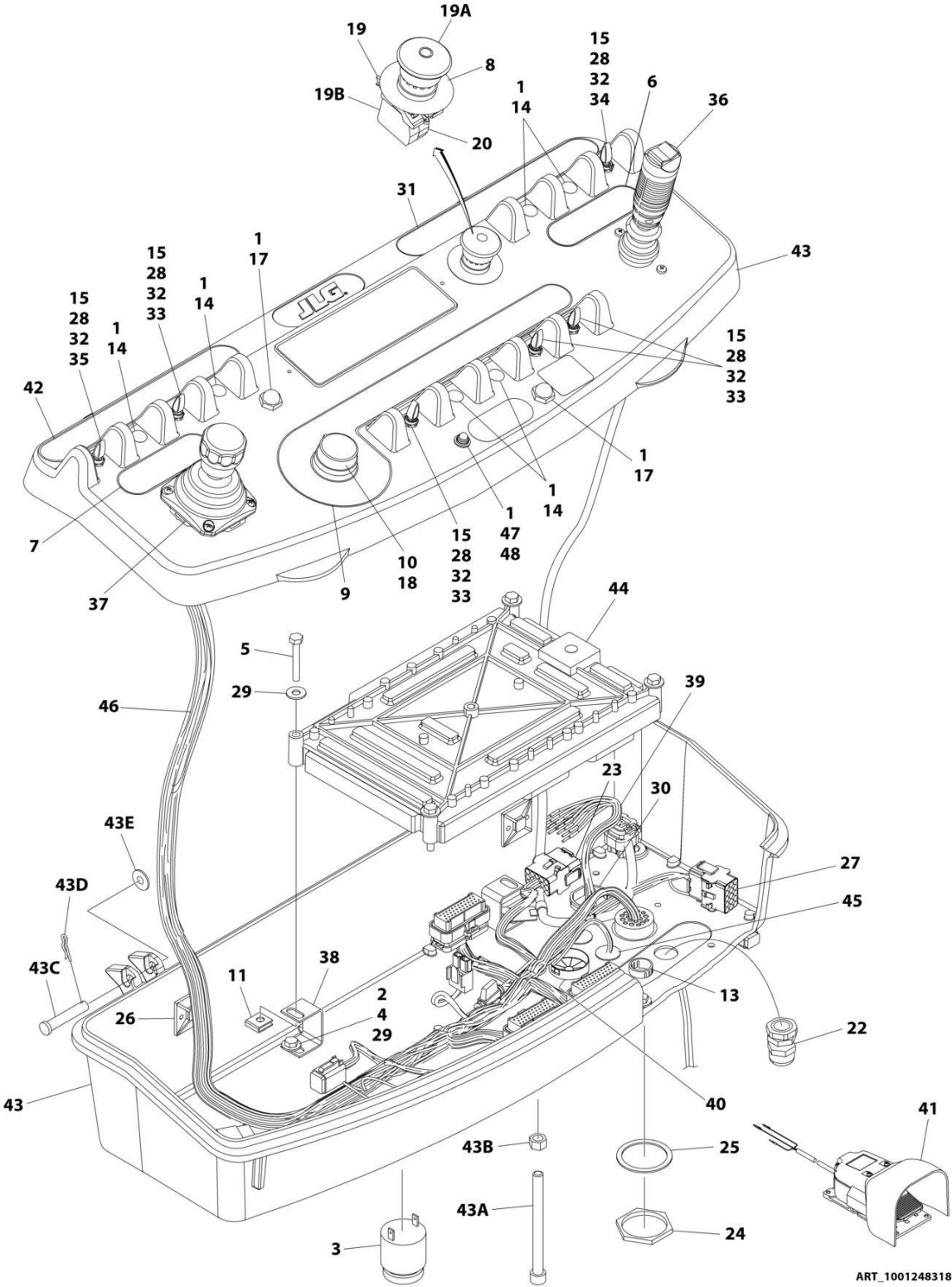
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248316	Ref	PLATFORM CONSOLE BOX ASSEMBLY	B
1	0100009	AR	Adhesive, Silicone	
2	0100035	AR	Compound, Locking	
3	0140011	1	Alarm	
4	0641404	4	Bolt 1/4 x 1/2	
5	0641414	4	Bolt 1/4 x 1-3/4	
6	1702565	1	Decal - Drive and Steer	
7	1702566	1	Decal - Lift and Swing	
8	1704260	1	Decal - EMS	
9	1704422	1	Decal - Function Speed	
10	2560136	1	Knob, Speed Control	
11	3300353	4	Nut, Tinnerman	
13	3520030	1	Plug, Hole	
14	3520054	6	Plug, Hole	
15	3790012	7	O-Ring	
16	3900349	8	Screw M2.5	
17	4240032	AR	Tie-Strap (Not Shown)	
18	4360387	2	Switch, Push Button	
19	4360407	1	Switch, Potentiometer	
20	4360475	1	Switch, Emergency Stop	
20A	7020175	1	Cap, Mushroom with Sealing Ring	
20B	7020176	1	Block, Contact	
21	4360476	1	Block, Contact	
22	4460234	4	Mount, Tie-Strap (Not Shown)	
23	4460428	1	Connector, Strain Relief	
24	4460434	1	Connector - 15 Position	
25	4460470	1	Nut, Terminal	
26	4460471	1	Washer, Terminal	
27	4460488	2	Mount, Tie-Strap	
28	4460708	1	Connector - 15 Position	
29	4740397	7	Spacer, Washer	
30	4751400	8	Washer 1/4	
31	1001110434	1	Plug	
32	1001247538	1	Decal - Stop/Generator	
33	1001155044	7	Nut 15/32	
34	1001155045	5	Switch, Toggle	
35	1001159256	1	Switch, Toggle	
36	1001161710	1	Switch, Toggle	
37	1001166538	NLA	Controller Assembly - Drive and Steer (Use p/n 1001212415) (See Separate Breakdown in this Section)	
38	1001166539	NLA	Controller Assembly - Lift and Swing (Use p/n 1001129555 as Replacement) (See Separate Breakdown in this Section)	
39	1001172760	4	Bracket	
40	1001255918	1	Boom Valve Harness (See Separate Breakdown in ELECTRICAL Section)	
41	1001185281	1	Plug	
42	1001189039	1	Footswitch Assembly (See Separate Breakdown in this Section)	
43	1001193987	1	Decal - Stop and Drive Select	
44	1001196520	1	Module, Platform (Note: Re-calibration Required when Replaced)	
45	1001213882	1	Mount, Connector	

SECTION 5 - PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
46	1001215228	1	Console Box Assembly	C
46A	0630568	1	Capscrew 3/8 x 4-1/2	
46B	3311601	1	Nut 3/8	
46C	3430616	2	Pin	
46D	3470003	2	Hairpin	
46E	4711600	2	Washer 3/8	
47	1001245673	1	Platform Console Box Harness (See Separate Breakdown in ELECTRICAL Section)	
48	2920028	1	Lamp, Indicator	
49	2920029	1	Bulb, Light	

SECTION 5 - PLATFORM

FIGURE 5-17. PLATFORM CONSOLE ASSEMBLY - 2WD (UL SPECS)



ART_1001248318

SECTION 5 - PLATFORM

FIGURE 5-17. PLATFORM CONSOLE ASSEMBLY - 2WD (UL SPECS)

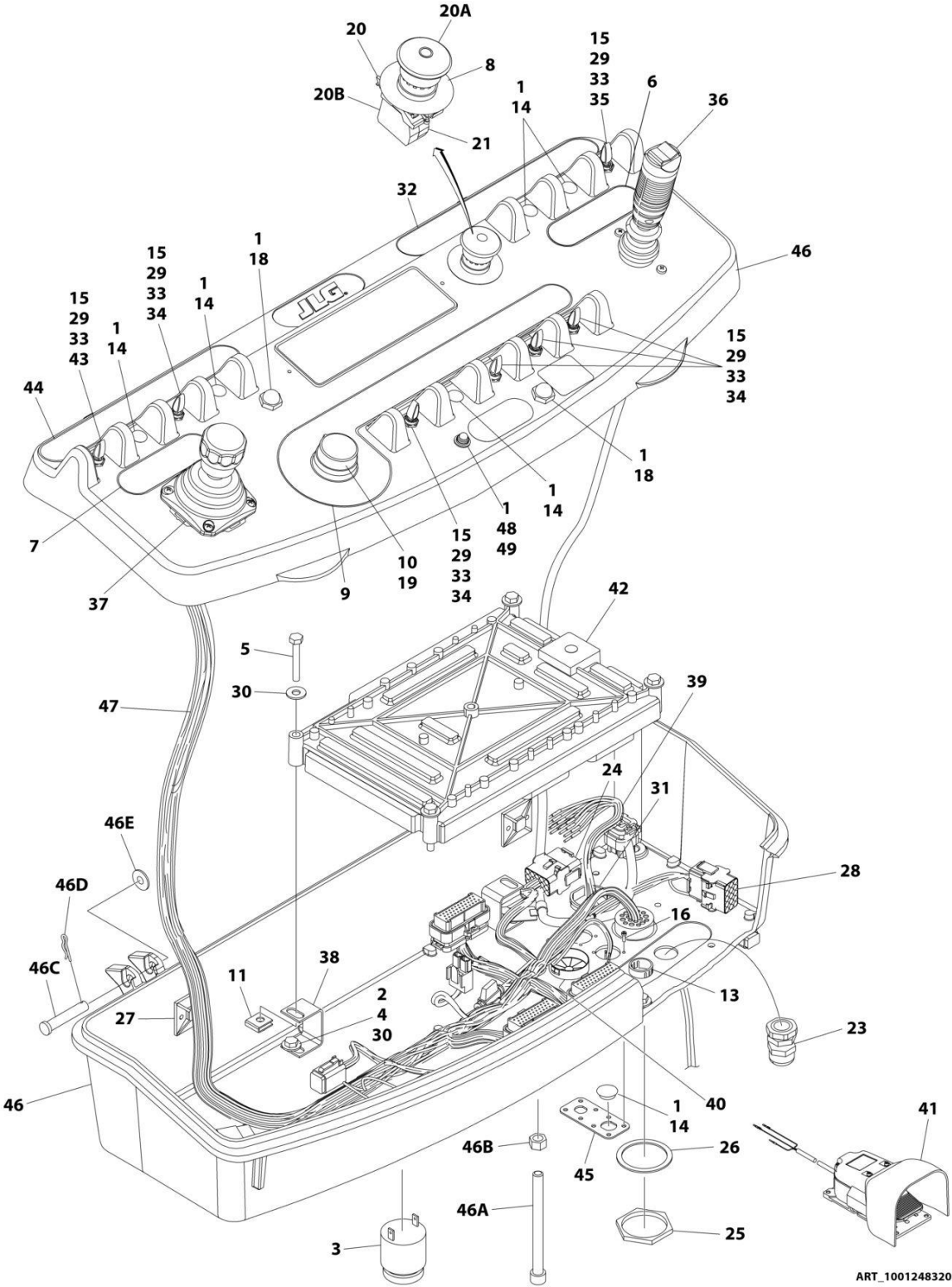
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248318	Ref	PLATFORM CONSOLE BOX ASSEMBLY	B
1	0100009	AR	Adhesive, Silicone	
2	0100035	AR	Compound, Locking	
3	0140011	1	Alarm	
4	0641404	4	Bolt 1/4 x 1/2	
5	0641414	4	Bolt 1/4 x 1-3/4	
6	1702565	1	Decal - Drive and Steer	
7	1702566	1	Decal - Lift and Swing	
8	1704260	1	Decal - EMS	
9	1704422	1	Decal - Function Speed	
10	2560136	1	Knob, Speed Control	
11	3300353	4	Nut, Tinnerman	
13	3520030	1	Plug, Hole	
14	3520054	6	Plug, Hole	
15	3790012	6	O-Ring	
16	4240032	AR	Tie-Strap (Not Shown)	
17	4360387	2	Switch, Push Button	
18	4360407	1	Switch, Potentiometer	
19	4360475	1	Switch, Emergency Stop	
19A	7020175	1	Cap, Mushroom with Sealing Ring	
19B	7020176	1	Block, Contact	
20	4360476	1	Block, Contact	
21	4460234	4	Mount, Tie-Strap (Not Shown)	
22	4460428	1	Connector, Strain Relief	
23	4460434	1	Connector - 15 Position	
24	4460470	1	Nut, Terminal	
25	4460471	1	Washer, Terminal	
26	4460488	2	Mount, Tie-Strap	
27	4460708	1	Connector - 15 Position	
28	4740397	6	Spacer, Washer	
29	4751400	8	Washer 1/4	
30	1001110434	1	Plug	
31	1001247538	1	Decal - Stop/Generator	
32	1001155044	6	Nut 15/32	
33	1001155045	4	Switch, Toggle	
34	1001159256	1	Switch, Toggle	
35	1001161710	1	Switch, Toggle	
36	1001166538	NLA	Controller Assembly - Drive and Steer (Use p/n 1001212415) (See Separate Breeakdown in this Section)	
37	1001166539	NLA	Controller Assembly - Lift and Swing (Use p/n 1001129555 as Replacement) (See Separate Breeakdown in this Section)	
38	1001172760	4	Bracket	
39	1001255918	1	Boom Valve Harness (See Separate Breakdown in ELECTRICAL SECTION)	
40	1001185281	1	Plug	
41	1001189039	1	Footswitch Assembly (See Separate Breakdown in this Section)	
42	1001193987	1	Decal - Stop and Drive Select	
43	1001215228	1	Console Box Assembly	C
43A	0630568	1	Capscrew 3/8 x 4-1/2	
43B	3311601	1	Nut 3/8	

SECTION 5 - PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
43C	3430616	2	Pin	
43D	3470003	2	Hairpin	
43E	4711600	2	Washer 3/8	
44	1001215835	1	Module, Platform (Note: Re-calibration Required when Replaced)	
45	1001220486	2	Plug, Rubber	
46	1001245673	1	Platform Console Box Harness (See Separate Breakdown in ELECTRICAL SECTION)	
47	2920028	1	Lamp, Indicator	
48	2920029	1	Bulb, Light	

SECTION 5 - PLATFORM

FIGURE 5-18. PLATFORM CONSOLE ASSEMBLY - 4WD (ALL SPECS EXCEPT UL SPECS)



SECTION 5 - PLATFORM

FIGURE 5-18. PLATFORM CONSOLE ASSEMBLY - 4WD (ALL SPECS EXCEPT UL SPECS)

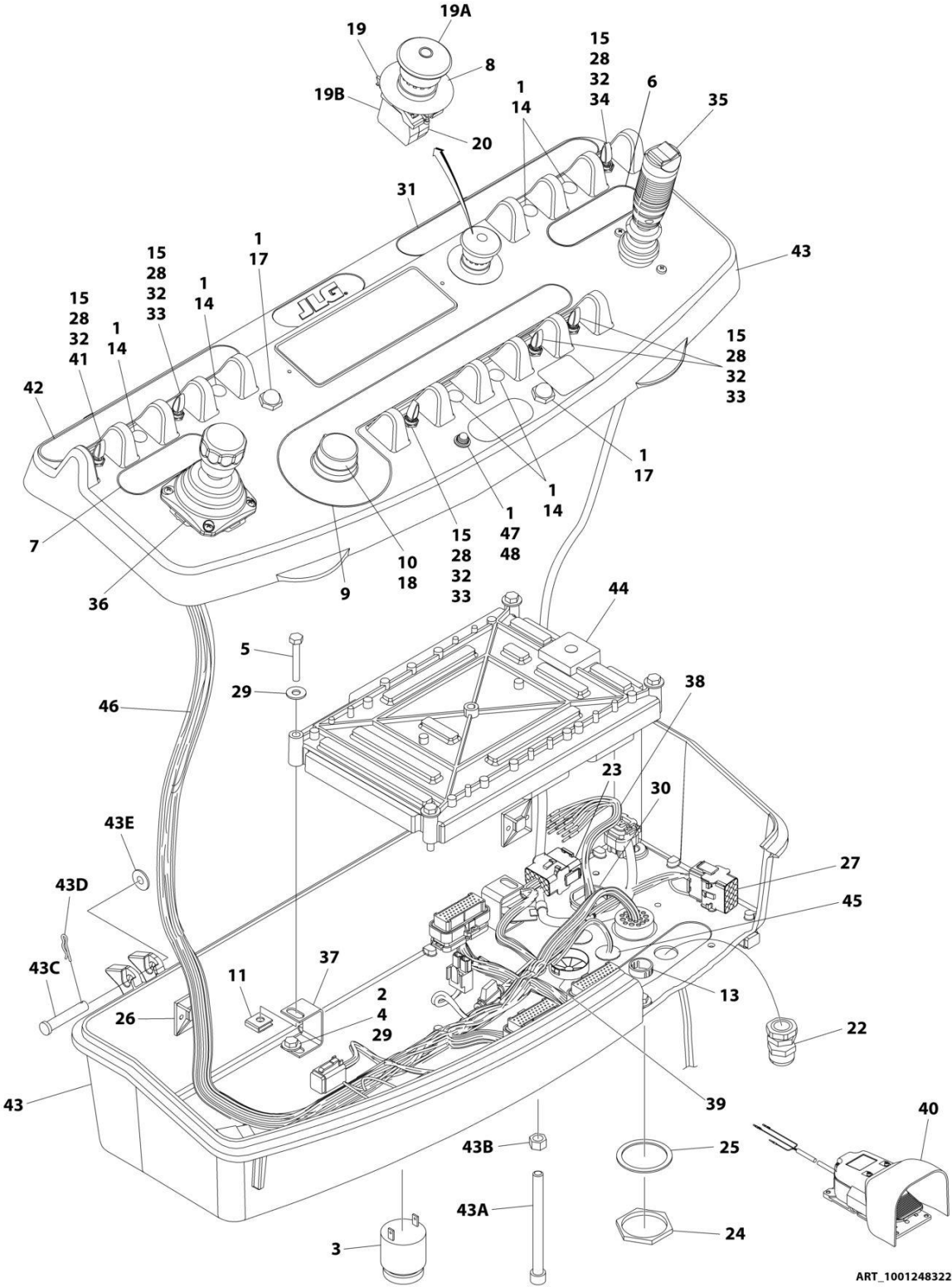
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248320	Ref	PLATFORM CONSOLE BOX ASSEMBLY	B
1	0100009	AR	Adhesive, Silicone	
2	0100035	AR	Compound, Locking	
3	0140011	1	Alarm	
4	0641404	4	Bolt 1/4 x 1/2	
5	0641414	4	Bolt 1/4 x 1-3/4	
6	1702565	1	Decal - Drive and Steer	
7	1702566	1	Decal - Lift and Swing	
8	1704260	1	Decal - EMS	
9	1704422	1	Decal - Function Speed	
10	2560136	1	Knob, Speed Control	
11	3300353	4	Nut, Tinnerman	
13	3520030	1	Plug, Hole	
14	3520054	6	Plug, Hole	
15	3790012	7	O-Ring	
16	3900349	8	Screw M2.5	
17	4240032	AR	Tie-Strap (Not Shown)	
18	4360387	2	Switch, Push Button	
19	4360407	1	Switch, Potentiometer	
20	4360475	1	Switch, Emergency Stop	
20A	7020175	1	Cap, Mushroom with Sealing Ring	
20B	7020176	1	Block, Contact	
21	4360476	1	Block, Contact	
22	4460234	4	Mount, Tie-Strap (Not Shown)	
23	4460428	1	Connector, Strain Relief	
24	4460434	1	Connector - 15 Position	
25	4460470	1	Nut, Terminal	
26	4460471	1	Washer, Terminal	
27	4460488	2	Mount, Tie-Strap	
28	4460708	1	Connector - 15 Position	
29	4740397	7	Spacer, Washer	
30	4751400	8	Washer 1/4	
31	1001110434	1	Plug	
32	1001247538	1	Decal - Stop/Generator	
33	1001155044	7	Nut 15/32	
34	1001155045	5	Switch, Toggle	
35	1001159256	1	Switch, Toggle	
36	1001166538	NLA	Controller Assembly - Drive and Steer (Use p/n 1001212415) (See Separate Breeakdown in this Section)	
37	1001166539	NLA	Controller Assembly - Lift and Swing (Use p/n 1001129555 as Replacement) (See Separate Breeakdown in this Section)	
38	1001172760	4	Bracket	
39	1001255918	1	Boom Valve Harness (See Separate Breakdown in ELECTRICAL SECTION)	
40	1001185281	1	Plug	
41	1001189039	1	Footswitch Assembly (See Separate Breakdown in this Section)	
42	1001196520	1	Module, Platform (Note: Re-calibration Required when Replaced)	
43	1001211363	1	Switch, Toggle	
44	1001212277	1	Decal - Horn/Drive Select	
45	1001213882	1	Mount, Connector	

SECTION 5 - PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
46	1001215228	1	Console Box Assembly	C
46A	0630568	1	Capscrew 3/8 x 4-1/2	
46B	3311601	1	Nut 3/8	
46C	3430616	2	Pin	
46D	3470003	2	Hairpin	
46E	4711600	2	Washer 3/8	
47	1001245673	1	Platform Console Box Harness (See Separate Breakdown in ELECTRICAL SECTION)	
48	2920028	1	Lamp, Indicator	
49	2920029	1	Bulb, Light	

SECTION 5 - PLATFORM

FIGURE 5-19. PLATFORM CONSOLE ASSEMBLY - 4WD (UL SPECS)



ART_1001248322

SECTION 5 - PLATFORM

FIGURE 5-19. PLATFORM CONSOLE ASSEMBLY - 4WD (UL SPECS)

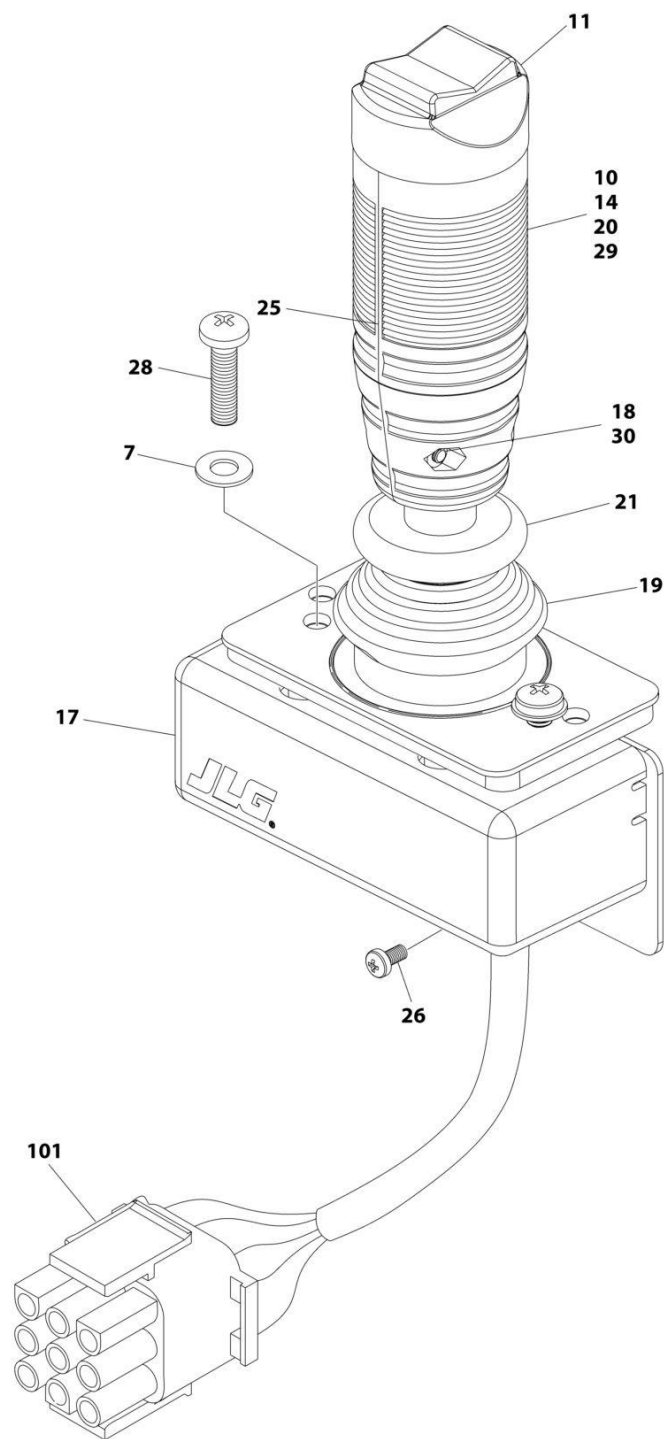
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248322	Ref	PLATFORM CONSOLE BOX ASSEMBLY	B
1	0100009	AR	Adhesive, Silicone	
2	0100035	AR	Compound, Locking	
3	0140011	1	Alarm	
4	0641404	4	Bolt 1/4 x 1/2	
5	0641414	4	Bolt 1/4 x 1-3/4	
6	1702565	1	Decal - Drive and Steer	
7	1702566	1	Decal - Lift and Swing	
8	1704260	1	Decal - EMS	
9	1704422	1	Decal - Function Speed	
10	2560136	1	Knob, Speed Control	
11	3300353	4	Nut, Tinnerman	
13	3520030	1	Plug, Hole	
14	3520054	6	Plug, Hole	
15	3790012	6	O-Ring	
16	4240032	AR	Tie-Strap (Not Shown)	
17	4360387	2	Switch, Push Button	
18	4360407	1	Switch, Potentiometer	
19	4360475	1	Switch, Emergency Stop	
19A	7020175	1	Cap, Mushroom with Sealing Ring	
19B	7020176	1	Block, Contact	
20	4360476	1	Block, Contact	
21	4460234	4	Mount, Tie-Strap (Not Shown)	
22	4460428	1	Connector, Strain Relief	
23	4460434	1	Connector - 15 Position	
24	4460470	1	Nut, Terminal	
25	4460471	1	Washer, Terminal	
26	4460488	2	Mount, Tie-Strap	
27	4460708	1	Connector - 15 Position	
28	4740397	6	Spacer, Washer	
29	4751400	8	Washer 1/4	
30	1001110434	1	Plug	
31	1001247538	1	Decal - Stop/Generator	
32	1001155044	6	Nut 15/32	
33	1001155045	4	Switch, Toggle	
34	1001159256	1	Switch, Toggle	
35	1001166538	NLA	Controller Assembly - Drive and Steer (Use p/n 1001212415) (See Separate Breeakdown in this Section)	
36	1001166539	NLA	Controller Assembly - Lift and Swing (Use p/n 1001129555 as Replacement) (See Separate Breeakdown in this Section)	
37	1001172760	4	Bracket	
38	1001255918	1	Boom Valve Harness (See Separate Breakdown in ELECTRICAL SECTION)	
39	1001185281	1	Plug	
40	1001189039	1	Footswitch Assembly (See Separate Breakdown in this Section)	
41	1001211363	1	Switch , Toggle	
42	1001212277	1	Decal - Horn/Drive Select	
43	1001215228	1	Console Box Assembly	C
43A	0630568	1	Capscrew 3/8 x 4-1/2	
43B	3311601	1	Nut 3/8	

SECTION 5 - PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
43C	3430616	2	Pin	
43D	3470003	2	Hairpin	
43E	4711600	2	Washer 3/8	
44	1001215835	1	Module, Platform (Note: Re-calibration Required when Replaced)	
45	1001220486	2	Plug, Rubber	
46	1001245673	1	Platform Console Box Harness (See Separate Breakdown in ELECTRICAL SECTION)	
47	2920028	1	Lamp, Indicator	
48	2920029	1	Bulb, Light	

SECTION 5 - PLATFORM

FIGURE 5-20. CONTROLLER ASSEMBLY - DRIVE AND STEER



ART_1001166538

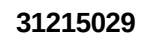
SECTION 5 - PLATFORM

FIGURE 5-20. 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	

254

EC600_H600



SECTION 5 - PLATFORM

FIGURE 5-21. CONTROLLER ASSEMBLY - LIFT AND SWING

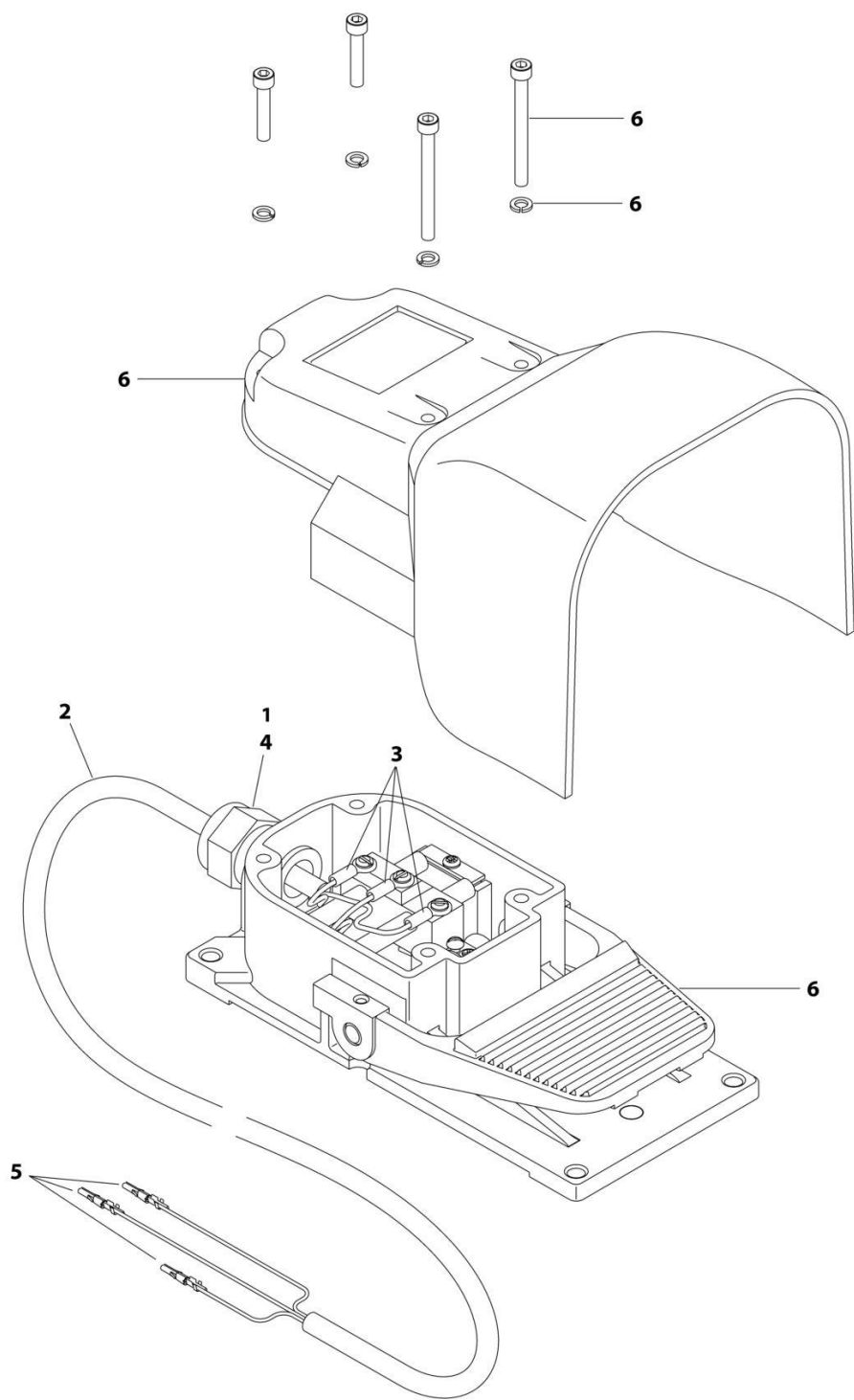
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166539	Ref	CONTROLLER ASSEMBLY	E
		Ref	Note: Original Equipment Controller May Have Been Replaced with Service Replacement Controller. Visually Identify Controller Before Ordering Parts.	
		Ref	Note: For Replacement, Use p/n 1001129555	
1	See Note	NSS	Main Cast 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 5-22. FOOTSWITCH ASSEMBLY



ART_1001189039

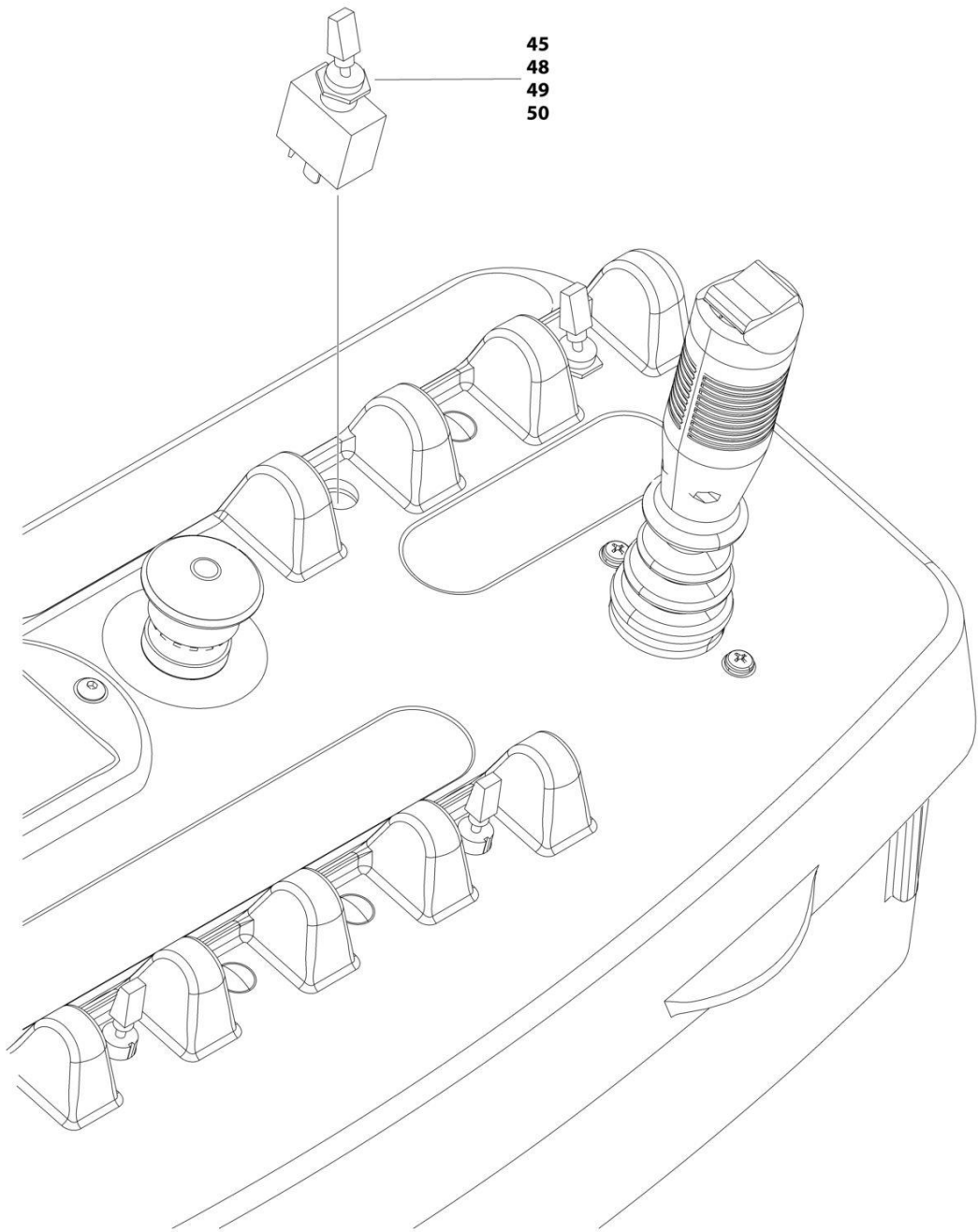
SECTION 5 - PLATFORM

FIGURE 5-22. FOOTSWITCH ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001189039	Ref	FOOTSWITCH ASSEMBLY	A
1	0100020	AR	Sealant	
2	1060330	6 ft /1.8m	Cable, Electrical - 16/3	
3	4460042	3	Terminal	
4	4460071	1	Connector, Strain Relief	
5	4460226	3	Socket, Female	
6	1001117172	1	Footswitch	
6	70002902	1	Switch, 20Amp	
6	70002903	1	Gasket	
6	70002905	1	Cover	
6	70002904	1	Kit, Replacement Bolt	

SECTION 5 - PLATFORM

FIGURE 5-23. ENGINE CONTROLS INSTALLATION - STANDARD BATTERIES (H600SJ/H600SJP)



ART_1001199313_50F5

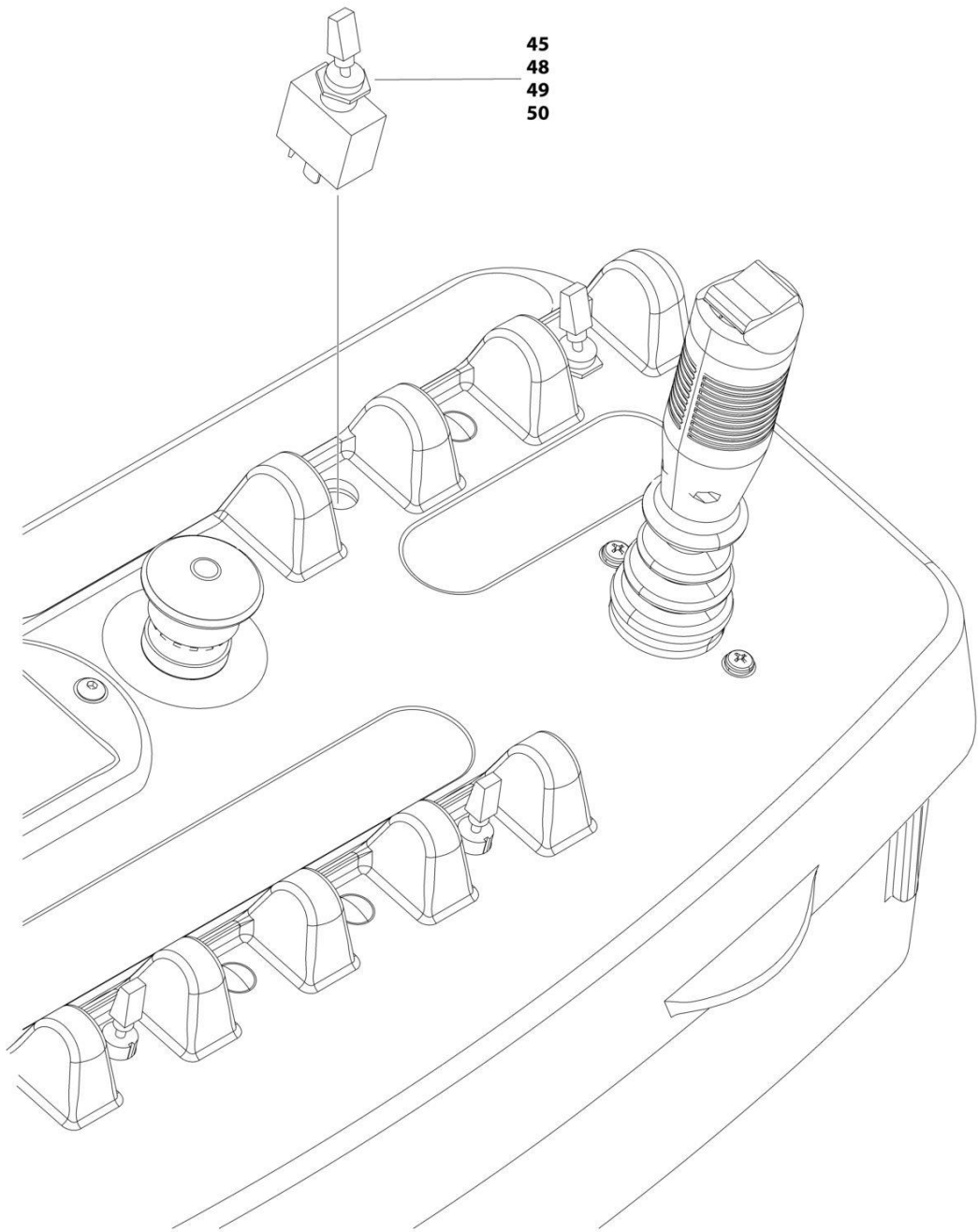
SECTION 5 - PLATFORM

FIGURE 5-23. ENGINE CONTROLS INSTALLATION - STANDARD BATTERIES (H600SJ/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199313	Ref	MOTOR CONTROLS INSTALLATION - STANDARD BATTERIES (M600/M600J/M600JP)	G
45	3790012	1	O-Ring	
48	4740397	1	Spacer	
49	1001155044	1	Nut	
50	1001161710	1	Switch, Toggle	

SECTION 5 - PLATFORM

FIGURE 5-24. ENGINE CONTROLS INSTALLATION - AGM BATTERIES (H600SJ/H600SJP)



ART_1001207674_50F5

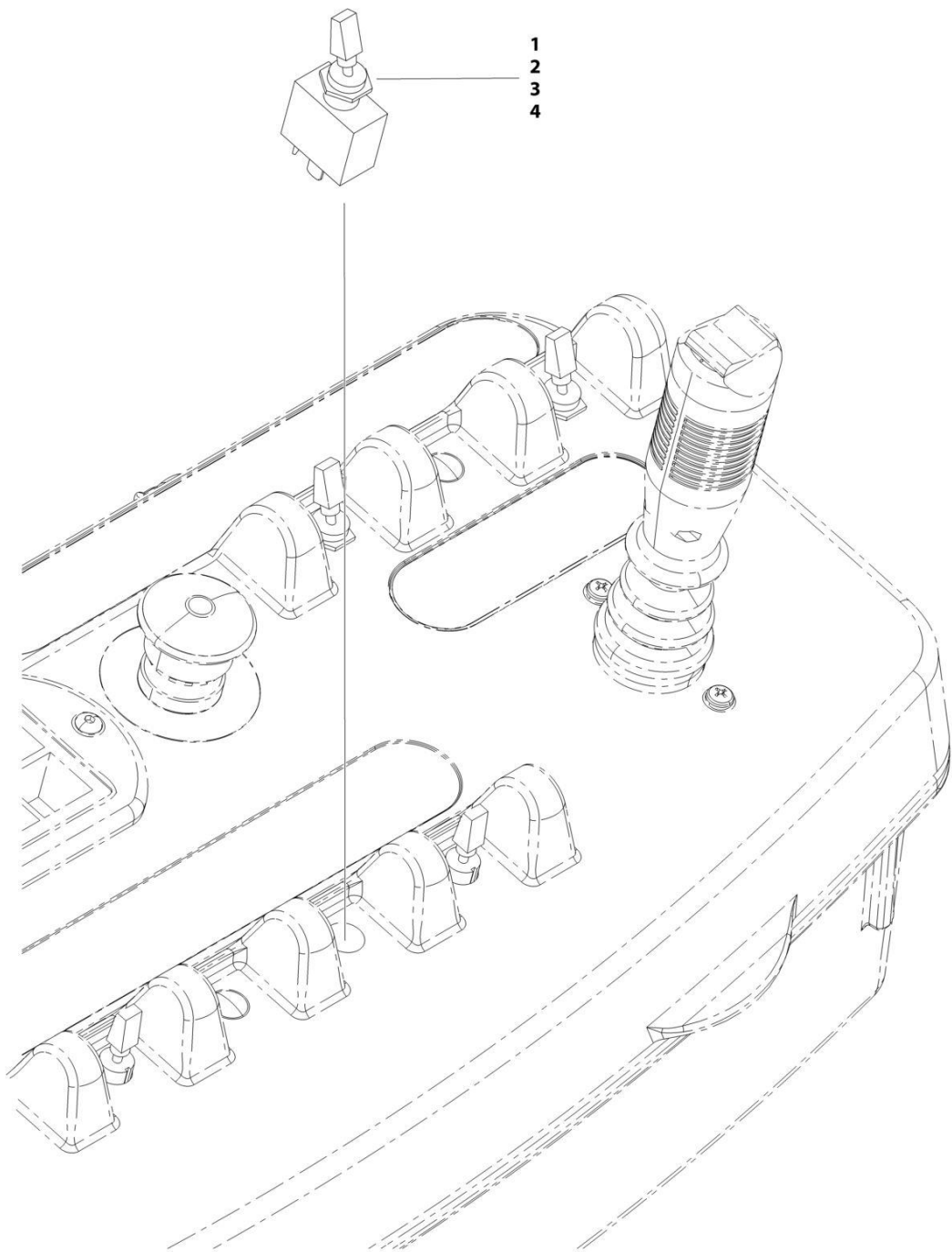
SECTION 5 - PLATFORM

FIGURE 5-24. ENGINE CONTROLS INSTALLATION - AGM BATTERIES (H600SJ/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207674	Ref	ENGINE CONTROLS INSTALLATION - AGM BATTERIES	F
45	3790012	1	O-Ring	
48	4740397	1	Spacer	
49	1001155044	1	Nut	
50	1001161710	1	Switch, Toggle	

SECTION 5 - PLATFORM

FIGURE 5-25. JIB ROTATE SWITCH INSTALLATION (EC600SJP/H600SJP)



ART_1001192053

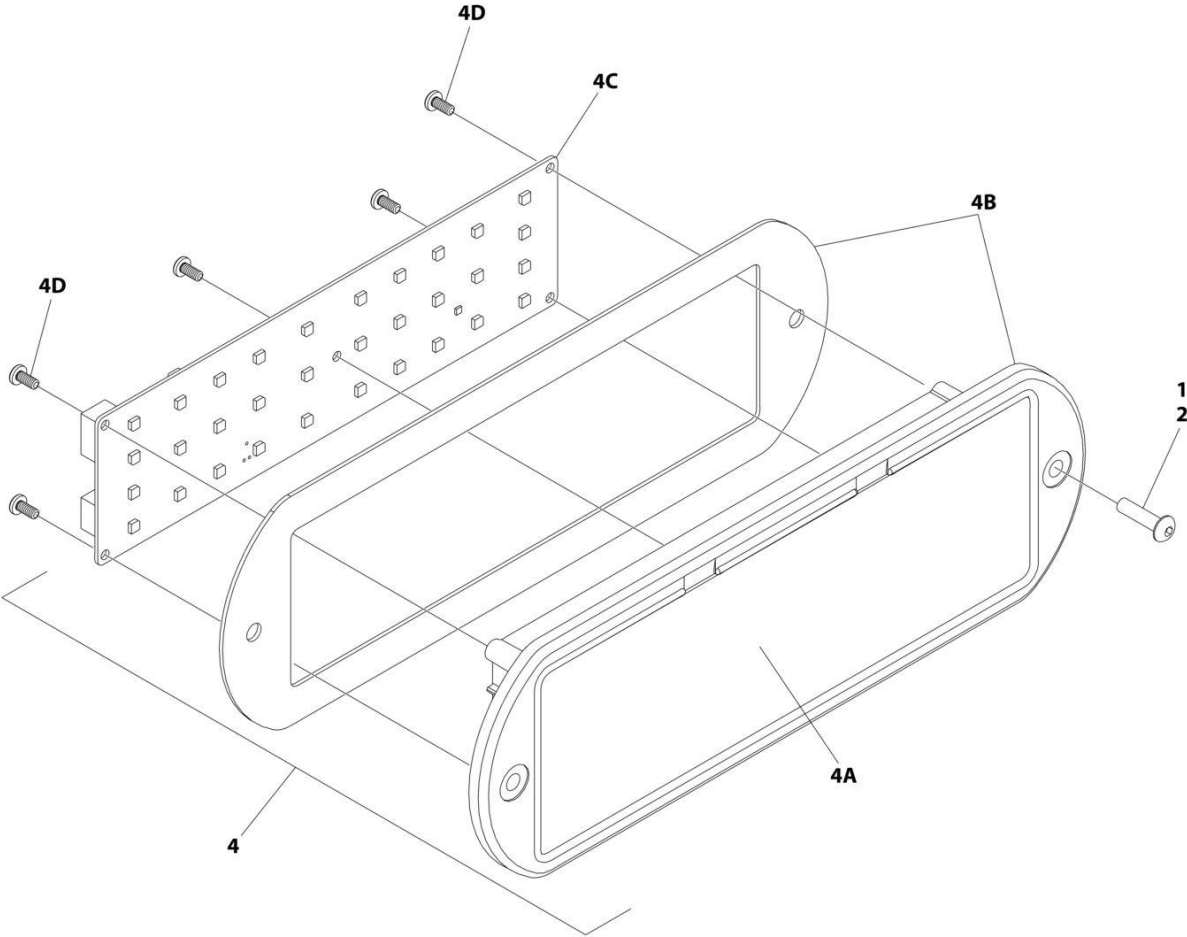
SECTION 5 - PLATFORM

FIGURE 5-25. JIB ROTATE SWITCH INSTALLATION (EC600SJP/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192053	Ref	JIB ROTATE SWITCH INSTALLATION	A
1	3790012	1	O-Ring	
2	4740397	1	Spacer, Washer	
3	1001155044	1	Nut 15/32	
4	1001155045	1	Switch, Toggle	

SECTION 5 - PLATFORM

FIGURE 5-26. LIGHT PANEL INSTALLATION



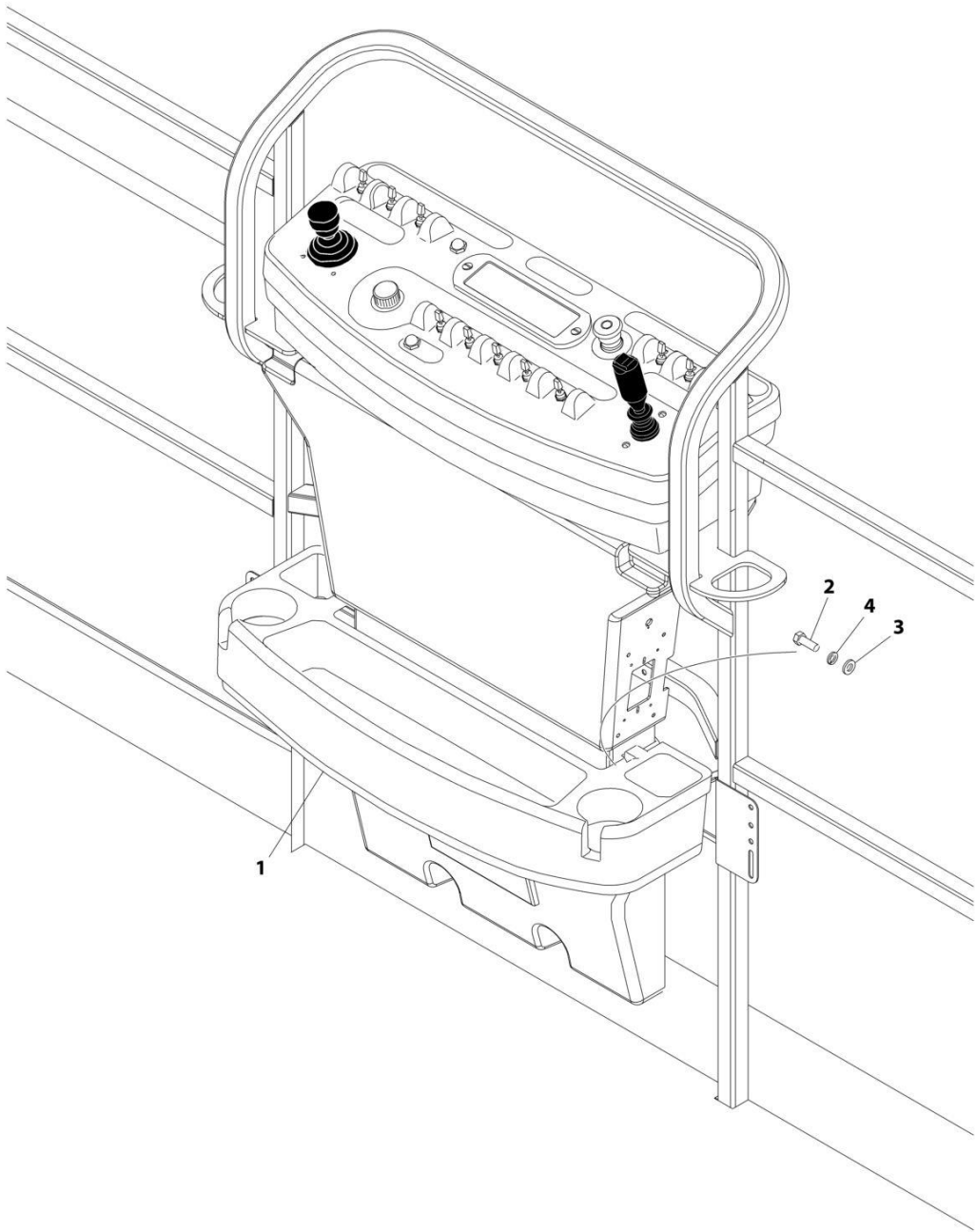
ART_1001245179

FIGURE 5-26. LIGHT PANEL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001245179	Ref	LIGHT PANEL INSTALLATION	B
1	0100035	AR	Compound, Locking	
2	3911010	2	Screw #10 x 5/8	
4	1001245210	1	Light Panel Assembly	
4A	1001245164	1	Lens, I-Con	
4B	1001245173	1	Bezel (Includes Gasket)	
4C	1001238732	1	Panel, LED Light	
4D		Ref	Screw	

SECTION 5 - PLATFORM

FIGURE 5-27. TRAY ASSEMBLY



ART_1580012

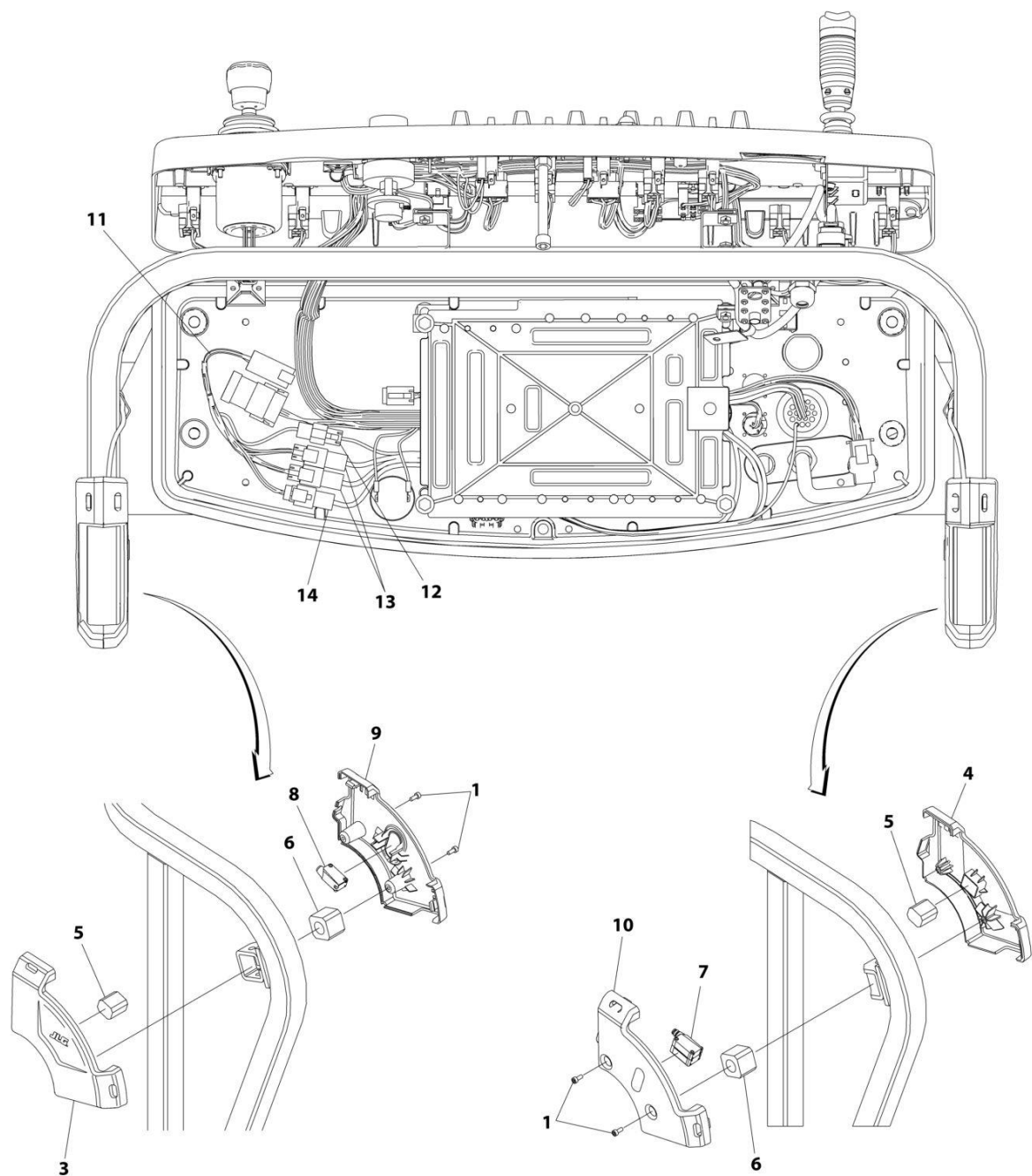
SECTION 5 - PLATFORM

FIGURE 5-27. 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 5-28. SKYEYE INSTALLATION



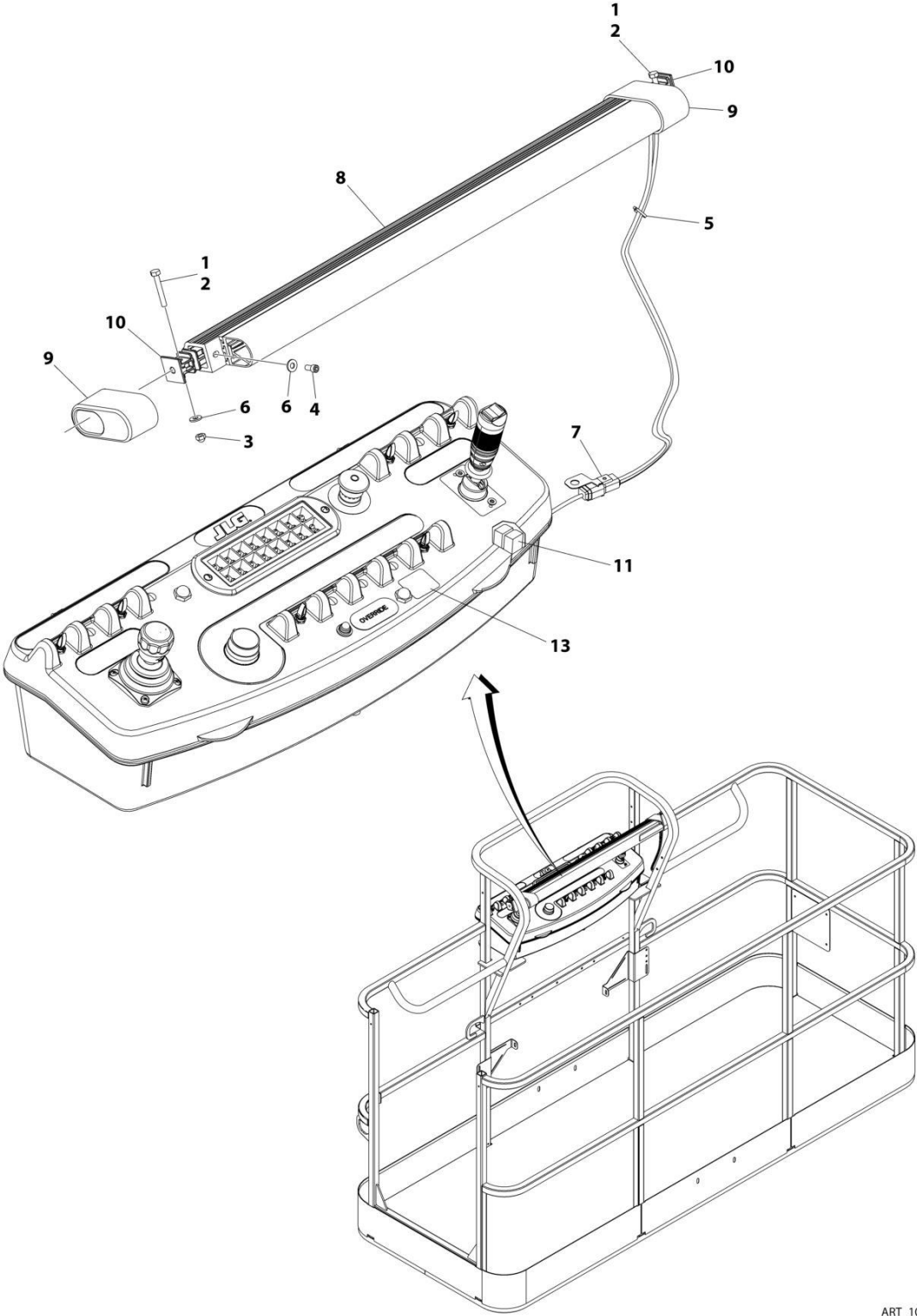
ART_1001229341

FIGURE 5-28. 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 5-29. SKYGUARD BAR INSTALLATION



ART_1001238495

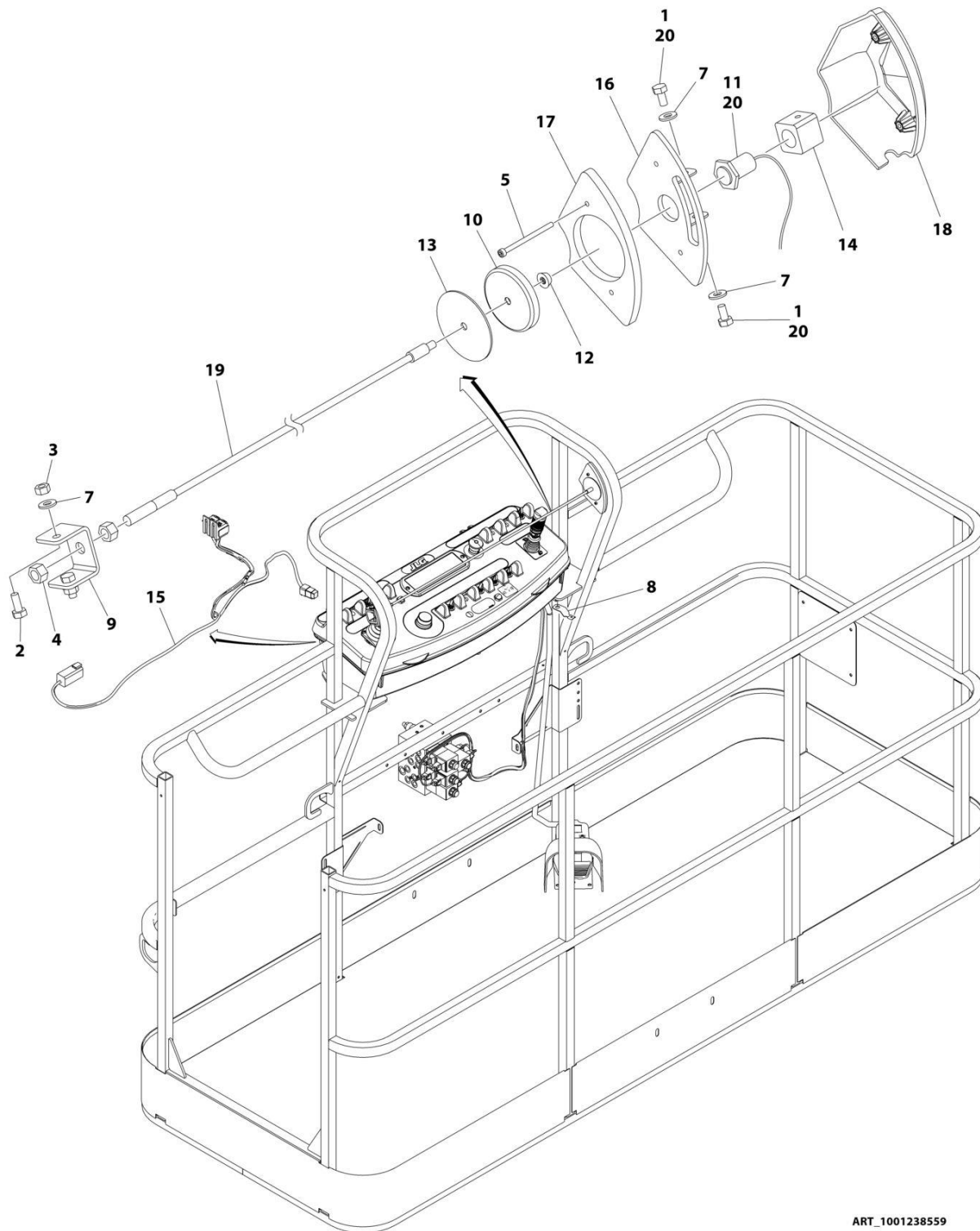
SECTION 5 - PLATFORM

FIGURE 5-29. SKYGUARD BAR INSTALLATION

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

SECTION 5- PLATFORM

FIGURE 5-30. SKYLINE INSTALLATION



ART_1001238559

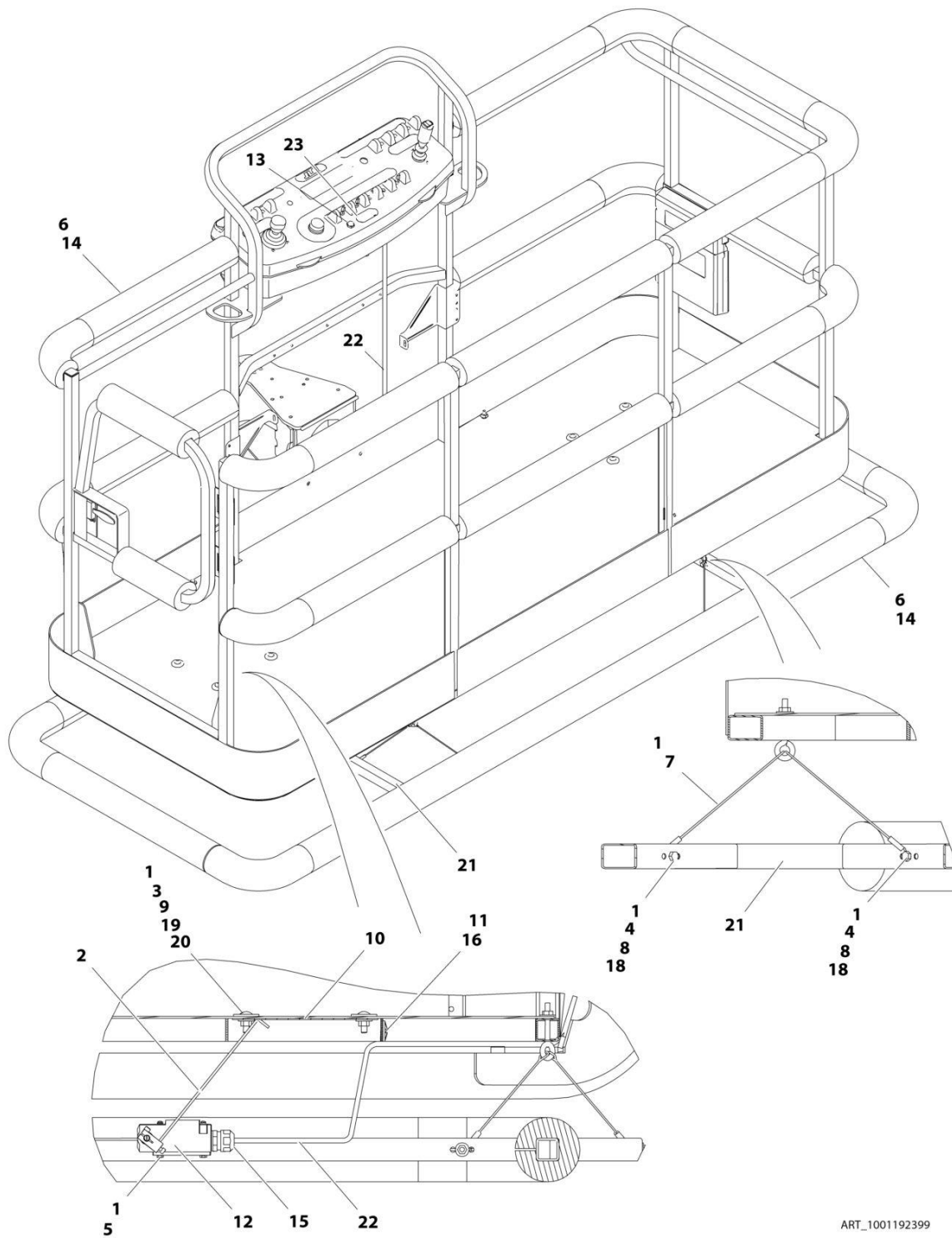
SECTION 5 - PLATFORM

FIGURE 5-30. 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 5-31. SOFT TOUCH INSTALLATION (SIDE ENTRY PLATFORM) (OPTIONAL)



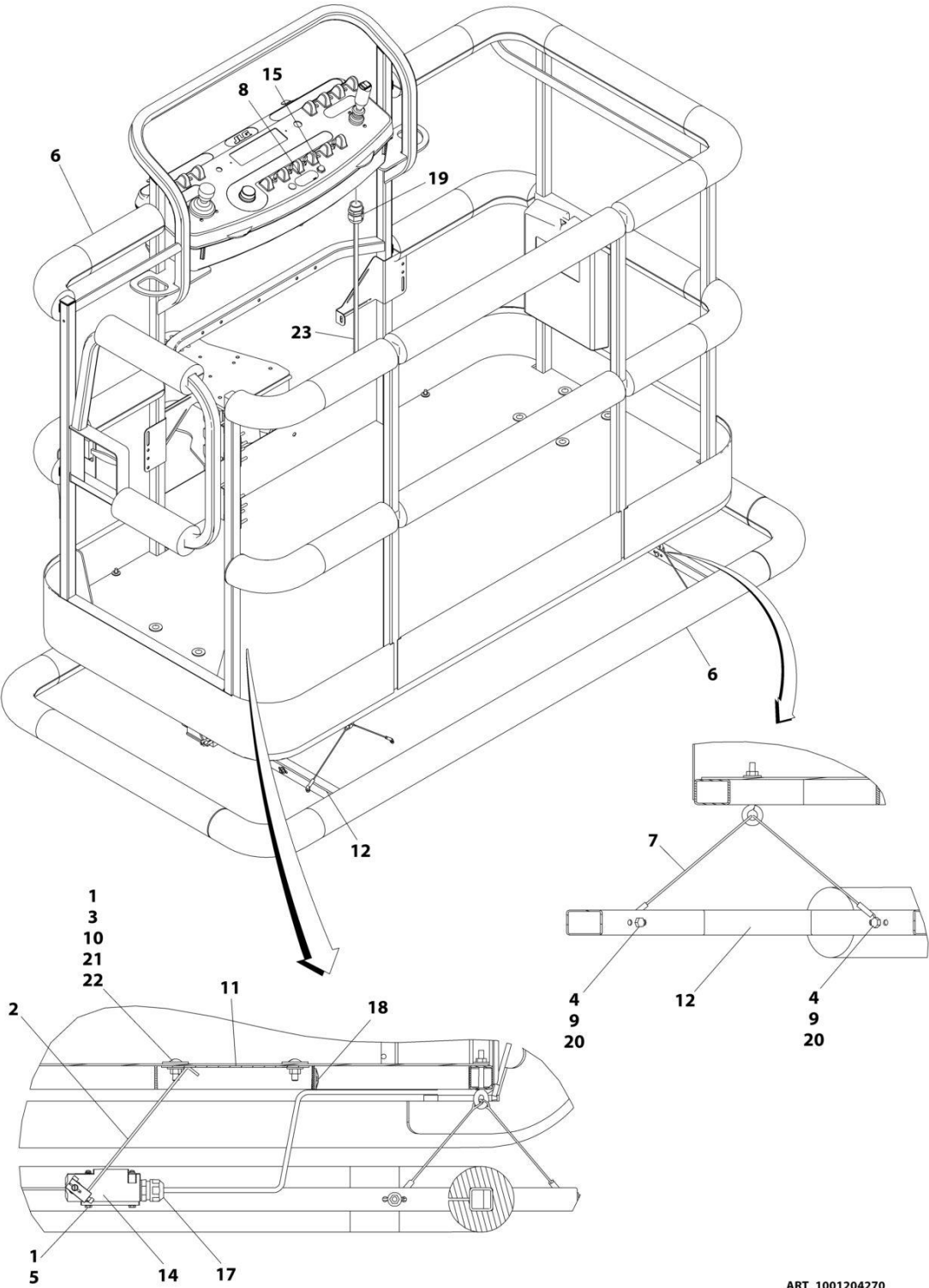
SECTION 5 - PLATFORM

FIGURE 5-31. SOFT TOUCH INSTALLATION (SIDE ENTRY PLATFORM) (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192399	Ref	SOFT TOUCH INSTALLATION - 6FT/1.8M PLATFORM	C
1	0100011	AR	Compound, Locking	
2	0200048	2	Arm, Switch	
3	0630462	8	Bolt, Carriage	
4	0641414	8	Bolt 1/4 x 1-3/4	
5	0721005	4	Bolt #10 x 5/8	
6	0940167	1	Bumper Kits (Includes Corners and Enough Straight Material for One Platform)	
7	1060903	4	Wire Rope and Eyebolt Assembly	
8	3311401	8	Nut 1/4	
9	3311501	8	Nut 5/16	
10	3575705	2	Plate, Switch Strike	
11	4240099	AR	Tie-Strap	
12	4360057	2	Switch, Limit	
13	4360387	1	Switch, Push Button	
14	4420068	1	Tape, Adhesive	
14	1001197017	AR	Tie-Strap	
15	4460049	2	Connector, Strain Relief	
16	4460234	2	Tie-Strap Mount	
17	4460425	1	Connector, Strain Relief (Not Shown - Located on bottom of console box)	
18	4751400	16	Washer 1/4	
19	4751500	8	Washer 5/16	
20	4751800	8	Washer 1/2	
21	4846370	1	Rail, Soft Touch	
22	1001193419	1	Soft Touch Harness	
22	4460226	4	Socket, Female	
23	1001141302	1	Decal - Soft Touch Override	

SECTION 5 - PLATFORM

FIGURE 5-32. SOFT TOUCH INSTALLATION - WITH FALL ARREST (SIDE ENTRY PLATFORM)
(OPTIONAL)



ART_1001204270

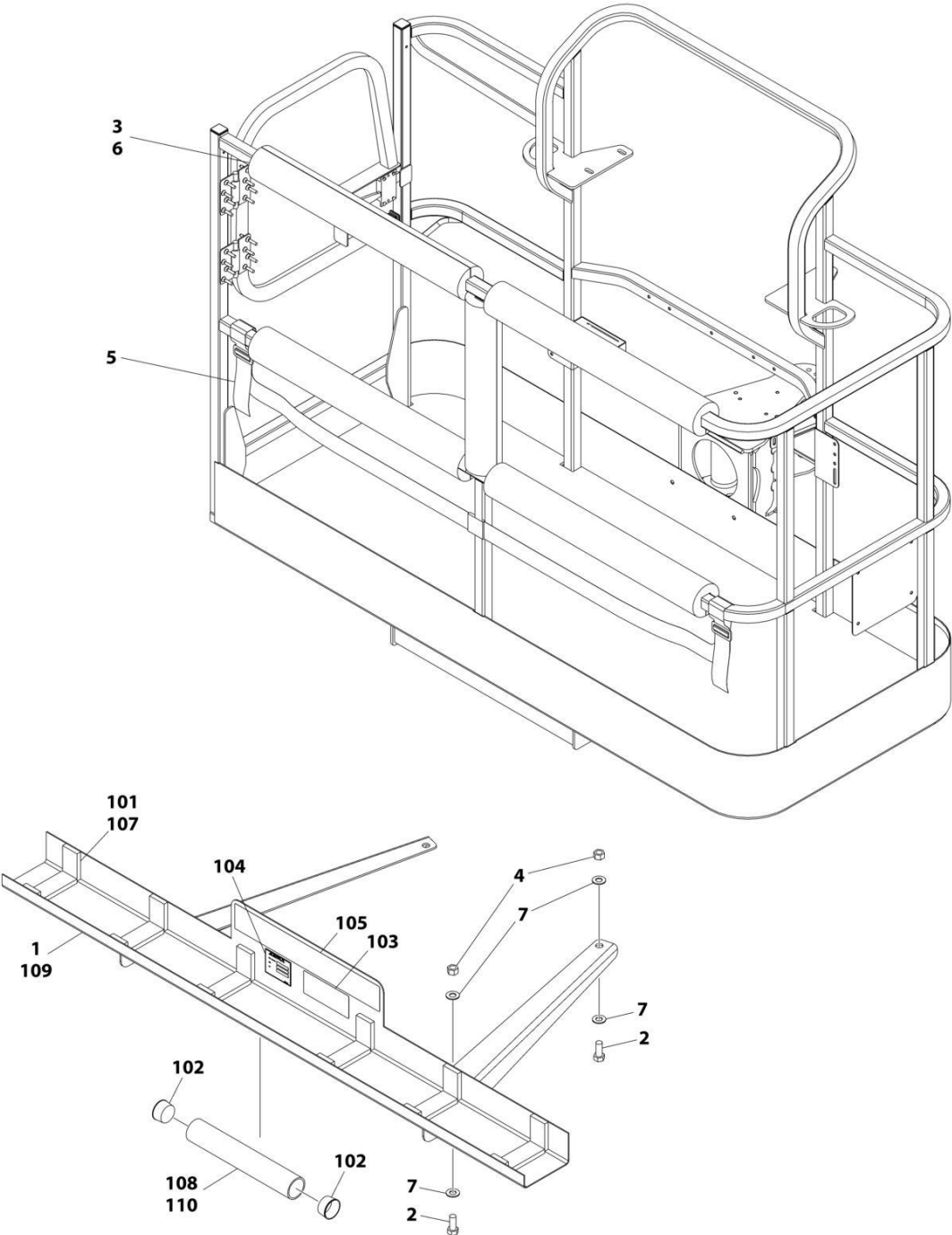
SECTION 5 - PLATFORM

**FIGURE 5-32. SOFT TOUCH INSTALLATION - WITH FALL ARREST (SIDE ENTRY PLATFORM)
(OPTIONAL)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204270	Ref	SOFT TOUCH INSTALLATION - WITH FALL ARREST (SIDE ENTRY PLATFORM) (OPTIONAL)	B
1	0100011	AR	Compound, Locking	
2	0200048	2	Arm, Switch Activator	
3	0630462	8	Bolt, Carriage	
4	0641414	8	Bolt 1/4 x 1-3/4	
5	0731005	4	Screw #10 x 5/8	
6	0940177	1	Bumper, Kit	
6	0940092	8	Bumper (Corner)	
6	0940094	AR	Bumper (28ft Length)	
7	1060903	4	Wire Rope and Eyebolt Assembly	
8	1702938	1	Decal - Soft Touch Override	
9	3311401	8	Nut 1/4	
10	3311501	8	Nut 5/16	
11	3575359	2	Plate, Switch Strike	
12	3641569	1	Soft Touch Rail	
13	4240099	7	Tie, Wire (Not Shown)	
14	4360057	2	Switch, Limit	
15	4360387	1	Switch, Push Button	
17	4460049	2	Connector, Strain Relief	
18	4460234	7	Terminal, Mount	
19	4460425	1	Connector, Strain Relief	
20	4751400	8	Washer 1/4	
21	4751500	8	Washer 5/16	
22	4751800	8	Washer 1/2	
23	1001193419	1	Soft Touch Harness	
23	4460226	4	Socket, Female	

SECTION 5 - PLATFORM

FIGURE 5-33. SKYGLAZIER INSTALLATION (ANSI AND CSA SPECS)



ART_0275945

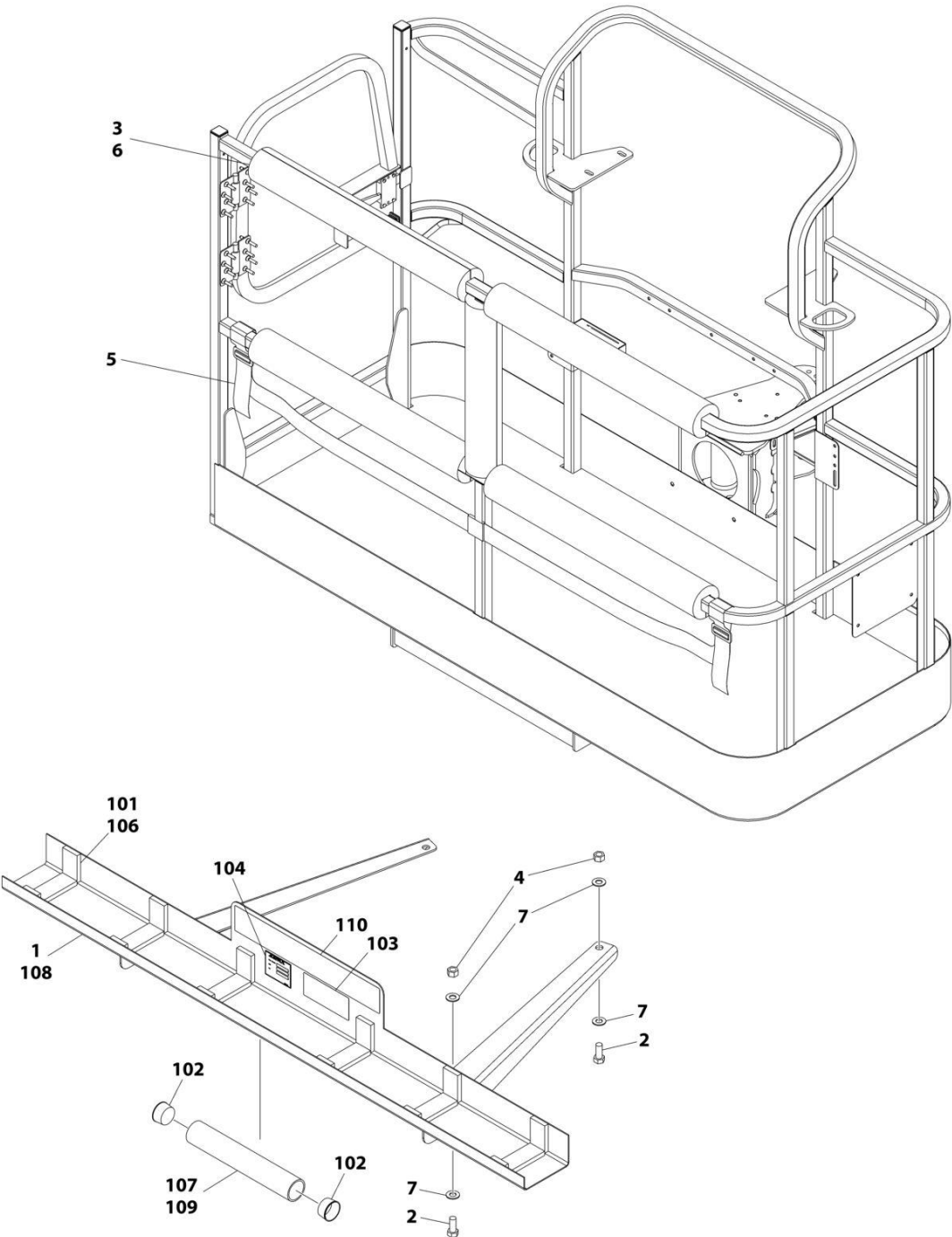
SECTION 5 - PLATFORM

FIGURE 5-33. SKYGLAZIER INSTALLATION (ANSI AND CSA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275945	Ref	SKYGLAZIER INSTALLATION (ANSI AND CSA SPECS)	B
1	0275928	1	SkyGlazier Assembly (See Items 101-110 for Breakdown)	
2	0642012	4	Bolt 5/8 x 1-1/2	
3	0940199	1	Bumper Kit	
4	3312005	4	Nut 5/8	
5	4240149	1	Strap Kit	
6	4420014	AR	Tape, Plastic	
7	4712000	8	Washer 5/8	B
	0275928	Ref	SKYGLAZIER ASSEMBLY	
101	0100081	AR	Adhesive	
102	1120555	2	Cap, Manual Storage Tube	
103	1701509	1	Decal - Manual	
104	See Note	NSS	Nameplate (Note: Not Available for Purchase)	
105	1707192	1	Decal - Capacity	
107	3340956	1	Pad, Glazier Tray	
108	3460334	1	Tube, Manual Storage	
109	See Note	NSS	Tray (Note: Use Item 1)	
110	4420066	AR	Tape, Double Sided	

SECTION 5 - PLATFORM

FIGURE 5-34. SKYGLAZIER INSTALLATION (ANSI EXPORT SPECS) (SPANISH/PORTUGUESE)



ART_1001091433

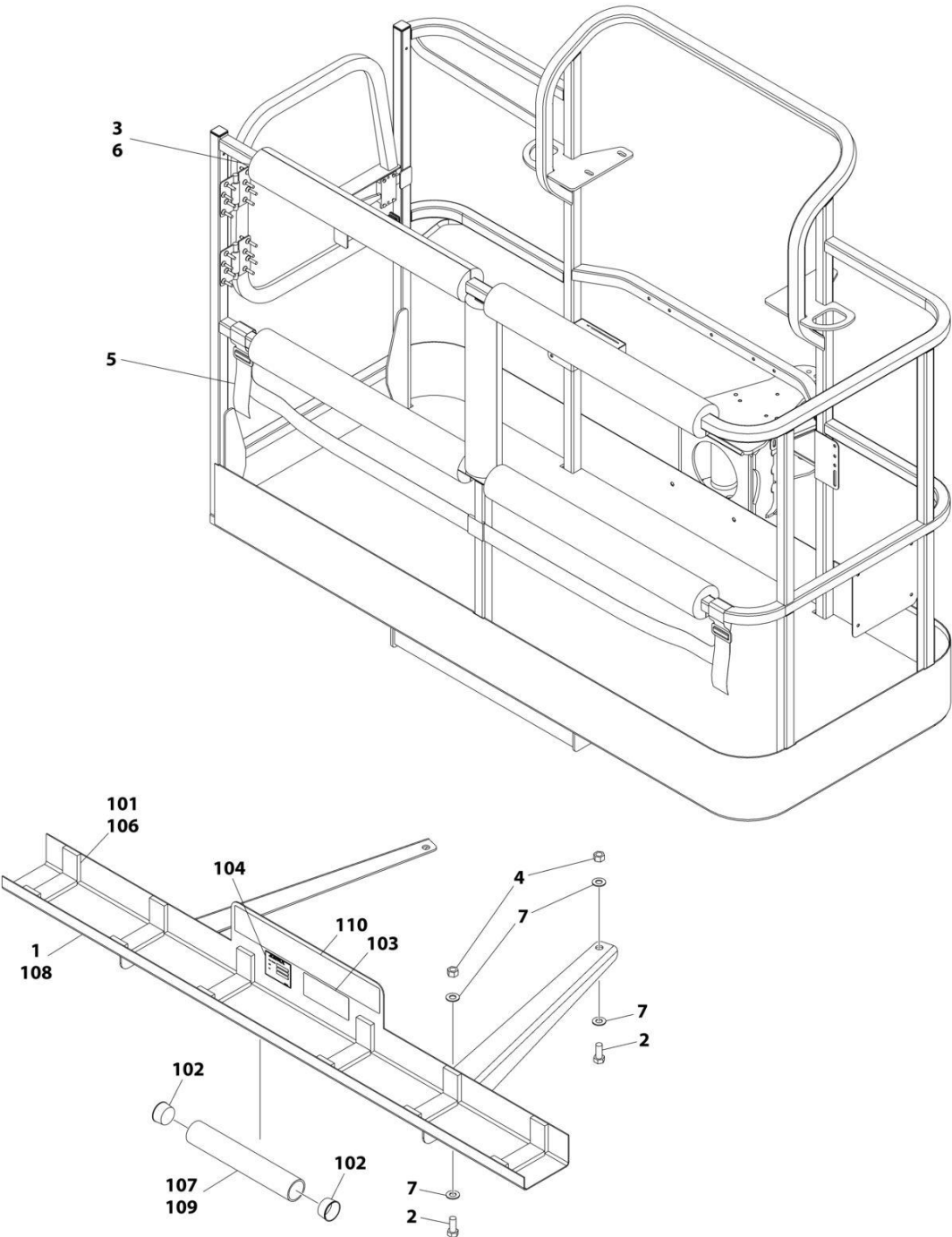
SECTION 5 - PLATFORM

FIGURE 5-34. SKYGLAZIER INSTALLATION (ANSI EXPORT SPECS) (SPANISH/PORTUGUESE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001091433	Ref	SKYGLAZIER INSTALLATION (ANSI EXPORT SPECS) (SPANISH/PORTUGUESE)	B
1	1001091431	1	SkyGlazier Assembly (See Items 101-110 for Breakdown)	
2	0642012	4	Bolt 5/8 x 1-1/2	
3	0940199	1	Bumper Kit	
4	3312005	4	Nut 5/8	
5	4240149	1	Strap Kit	
6	4420014	AR	Tape, Plastic	
7	4712000	8	Washer 5/8	
	1001091431	Ref	SKYGLAZIER ASSEMBLY	B
101	0100081	AR	Adhesive	
102	1120555	2	Cap, Manual Storage Tube	
103	1701509	1	Decal - Manual	
104	See Note	NSS	Nameplate (Note: Not Available for Purchase)	
106	3340956	1	Pad, Glazier Tray	
107	3460334	1	Tube, Manual Storage	
108	See Note	NSS	Tray (Note: Use Item 1)	
109	4420066	AR	Tape, Double Sided	
110	1001091429	1	Decal - Capacity	

SECTION 5 - PLATFORM

FIGURE 5-35. SKYGLAZIER INSTALLATION (ANSI EXPORT SPECS) (ENGLISH/SPANISH)



ART_1001091434

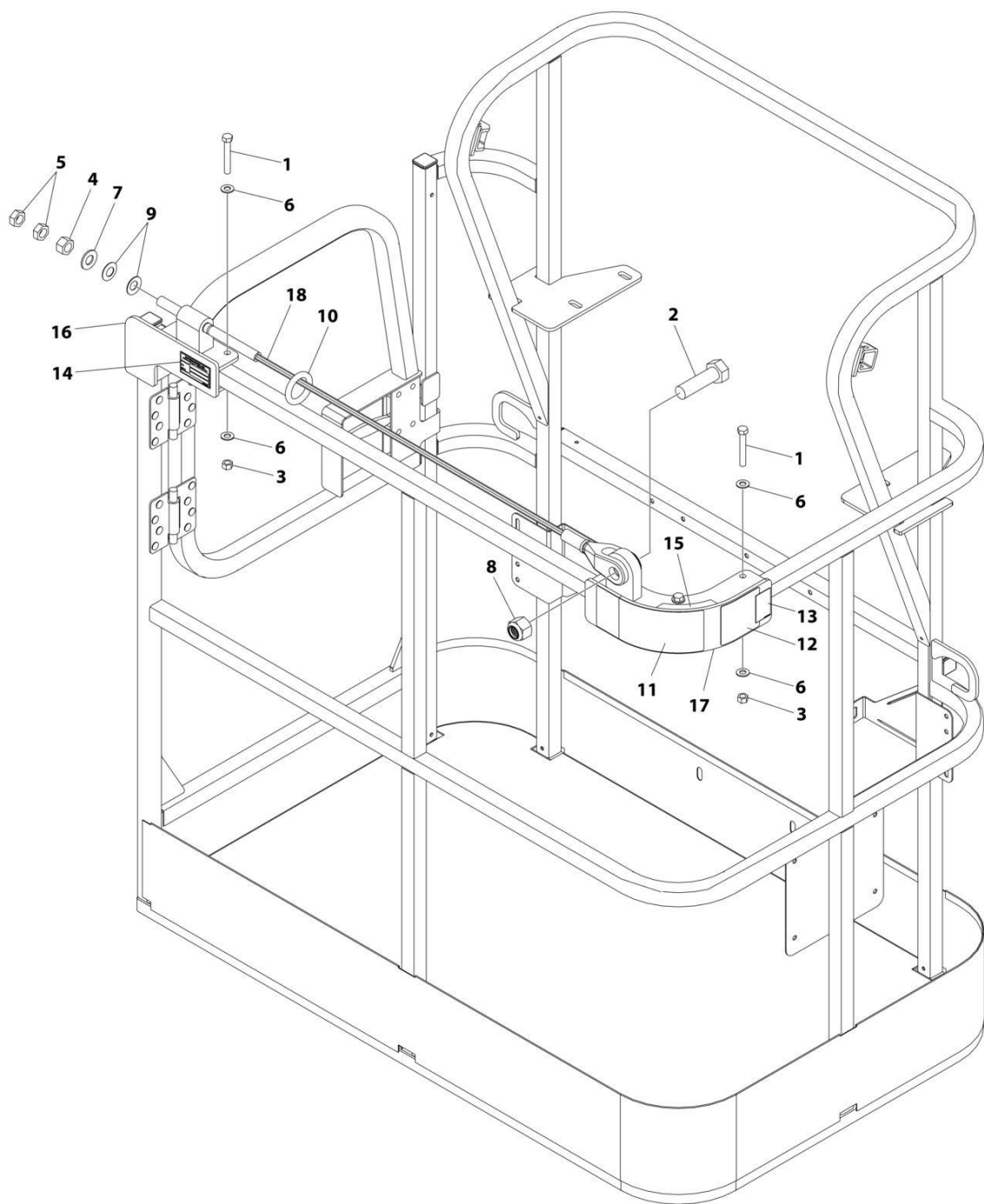
SECTION 5 - PLATFORM

FIGURE 5-35. SKYGLAZIER INSTALLATION (ANSI EXPORT SPECS) (ENGLISH/SPANISH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001091434	Ref	SKYGLAZIER INSTALLATION (ANSI EXPORT SPECS) (ENGLISH/SPANISH)	B
1	1001091432	1	SkyGlazier Assembly (See Items 101-110 for Breakdown)	
2	0642012	4	Bolt 5/8 x 1-1/2	
3	0940199	1	Bumper Kit	
4	3312005	4	Nut 5/8	
5	4240149	1	Strap Kit	
6	4420014	AR	Tape, Plastic	
7	4712000	8	Washer 5/8	
	1001091432	Ref	SKYGLAZIER ASSEMBLY	A
101	0100081	AR	Loctite #454	
102	1120555	2	Cap, Manual Storage Tube	
103	1701509	1	Decal - Manual	
104	See Note	NSS	Nameplate (Note: Not Available for Purchase)	
106	3340956	1	Pad, Glazier Tray	
107	3460334	1	Tube, Manual Storage	
108	See Note	NSS	Tray (Note: Use Item 1)	
109	4420066	AR	Tape, Double Sided	
110	1001091430	1	Decal - Capacity	

SECTION 5 - PLATFORM

FIGURE 5-36. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (30IN X 4FT /76CM X 1.22M PLATFORM)



ART_1001261338

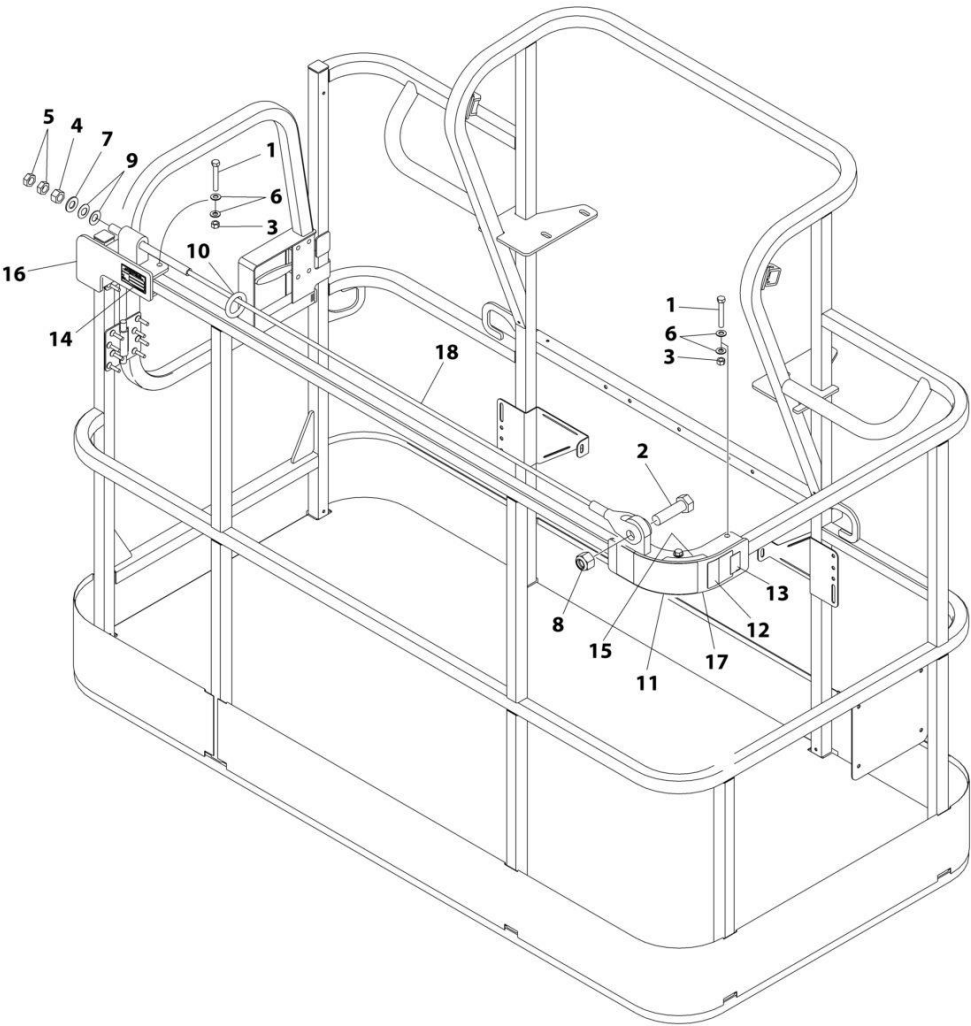
SECTION 5 - PLATFORM

FIGURE 5-36. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (30IN X 4FT /76CM X 1.22M PLATFORM)

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

SECTION 5 - PLATFORM

FIGURE 5-37. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (30IN X 6FT /76CM X 1.82M PLATFORM)



ART_1001257275

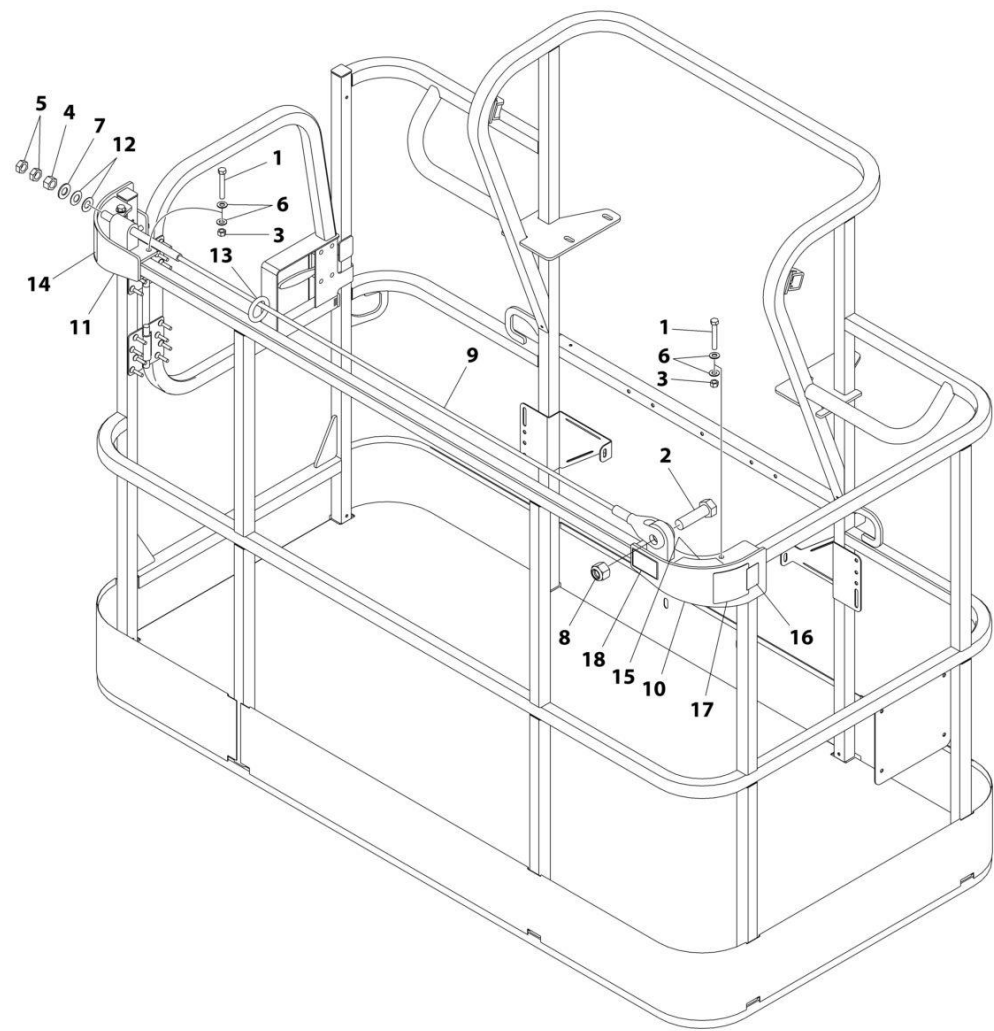
SECTION 5 - PLATFORM

FIGURE 5-37. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (30IN X 6FT /76CM X 1.82M PLATFORM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257275	Ref	FALL ARREST INSTALLATION (BOLT - ON) 6FT/1.82M PLATFORM	A
1	0681620	6	Bolt 3/8 x 2-1/2	
2	0682424	1	Bolt 7/8 x 3	
3	3271605	6	Nut 3/8	
4	3272001	1	Nut 5/8	
5	3312002	2	Nut 5/8	
6	4711600	12	Washer 3/8	
7	4712000	1	Washer 5/8	
8	88521214	1	Nut 7/8	
9	1001236891	2	Washer	
10	1001236895	1	Ring	
11	1001238263	1	Decal - Warning Falling Hazard	
12	1001248140	1	Decal - Bolt Fall Arrest Re-Cert	
13	1001248141	1	Decal - Incrption	
14	See Note	NSS	Nameplate - Manufacturers Serial Number (Note: Not Available for Purchase)	
15	1001252629	1	Decal - Weight	
16	1001257271	1	Bracket (RH)	
17	1001257274	1	Bracket (LH)	
18	1001258005	1	Rope	

SECTION 5 - PLATFORM

FIGURE 5-38. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (6FT/1.82M PLATFORM)



ART_1001236747

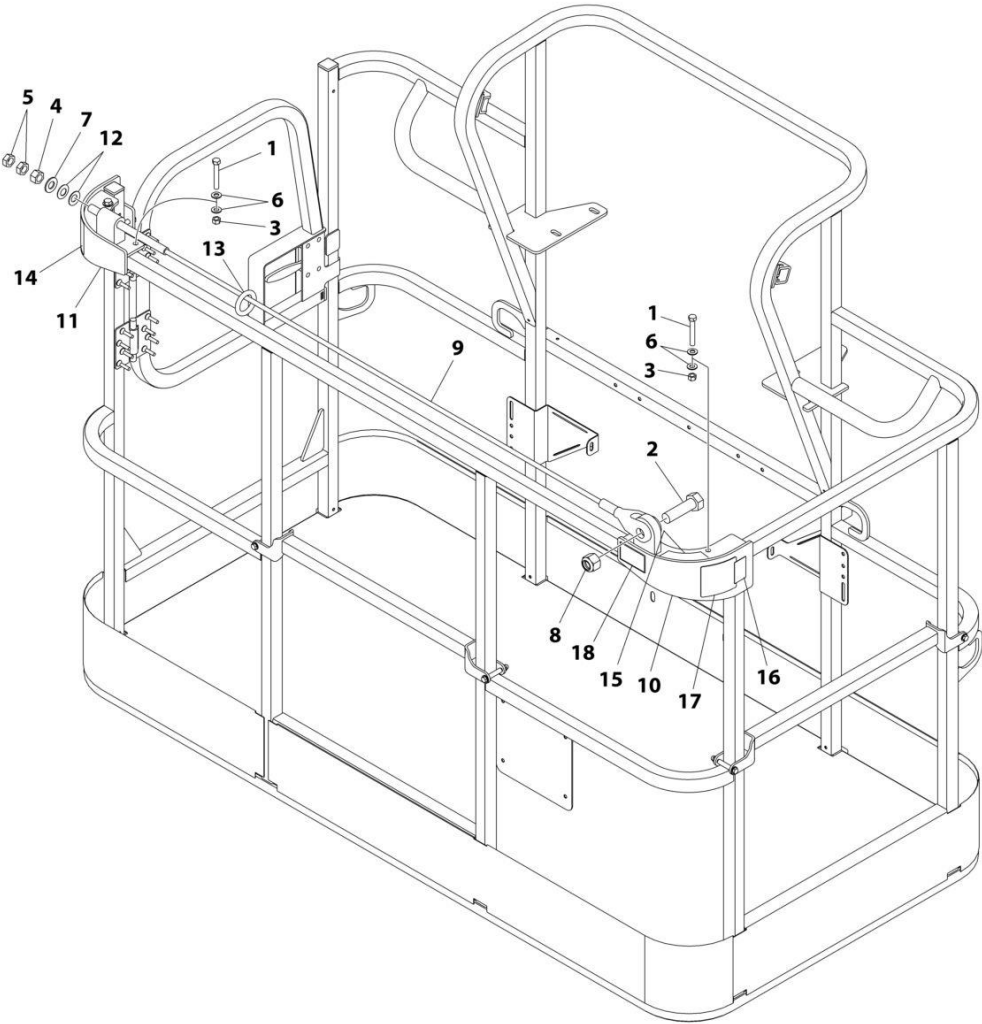
SECTION 5 - PLATFORM

FIGURE 5-38. 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 5-39. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (6FT/1.82M TRI-ENTRY PLATFORM)



ART_1001238463

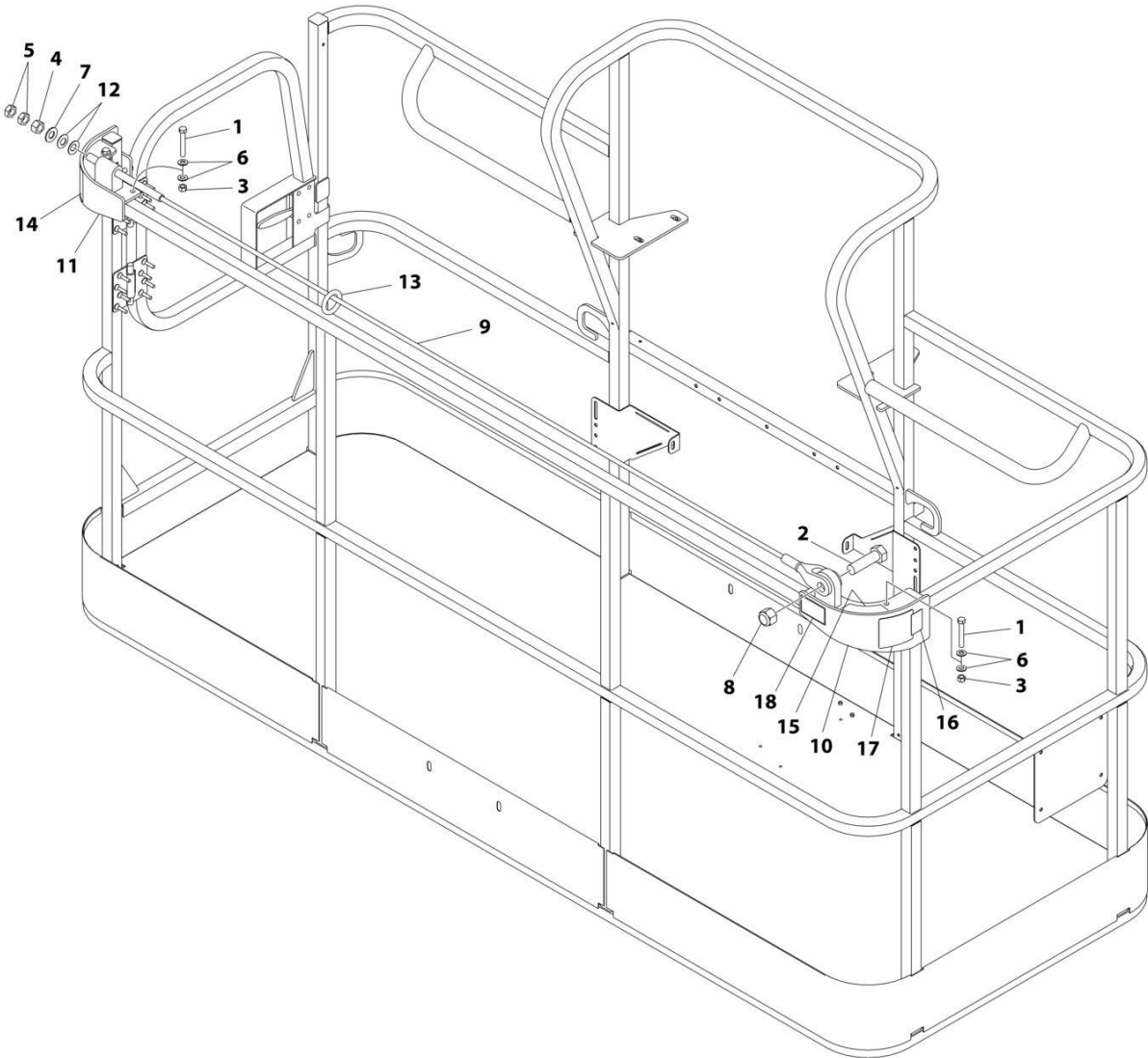
SECTION 5 - PLATFORM

FIGURE 5-39. 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 5-40. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (8FT/2.4M PLATFORM)



ART_1001236746

SECTION 5 - PLATFORM

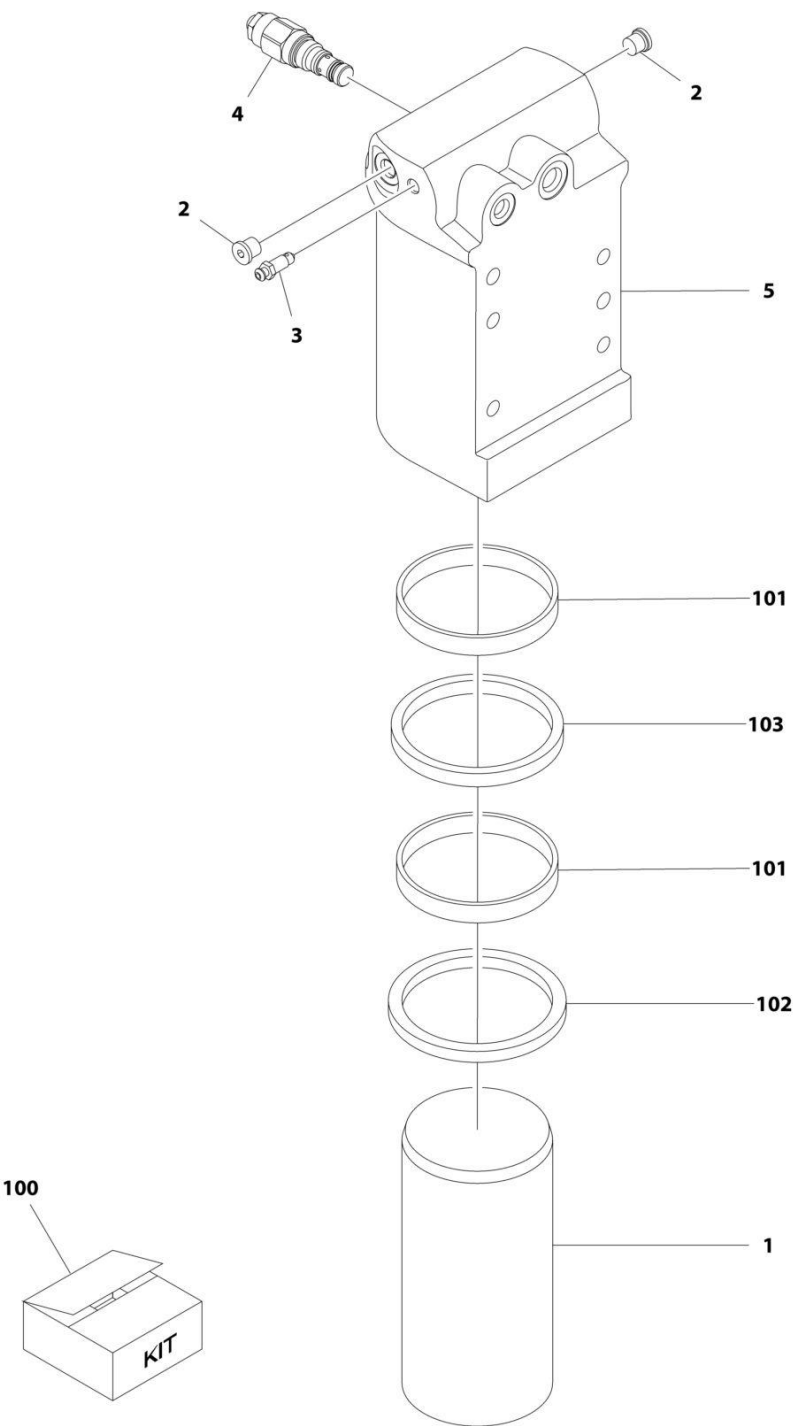
FIGURE 5-40. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (8FT/2.4M PLATFORM)

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 - CYLINDERS

SECTION 6 - CYLINDERS

FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSEMBLY



ART_1001163580

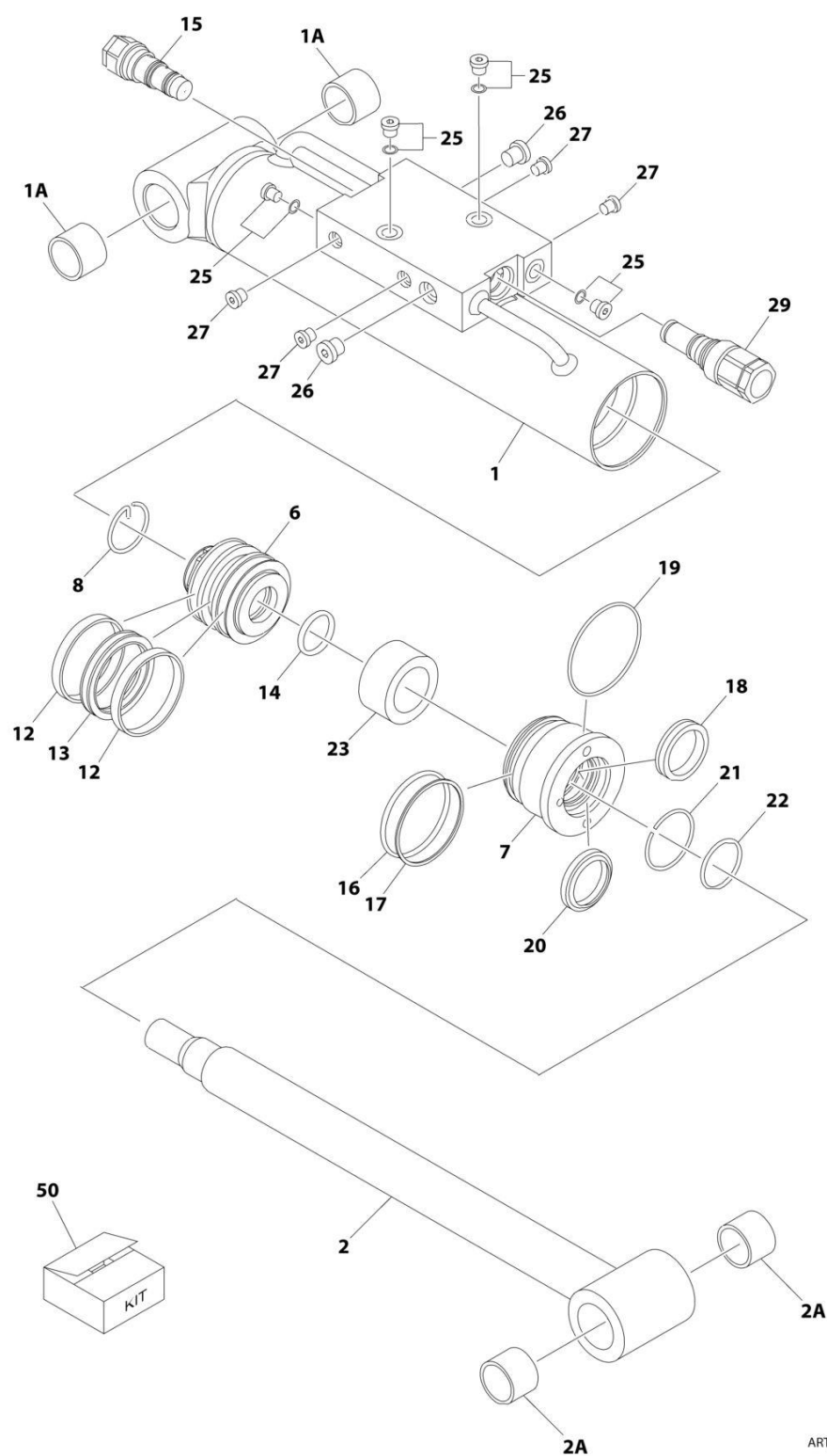
SECTION 6 - CYLINDERS

FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSEMBLY

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

SECTION 6 - CYLINDERS

FIGURE 6-2. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE



ART_1001140596

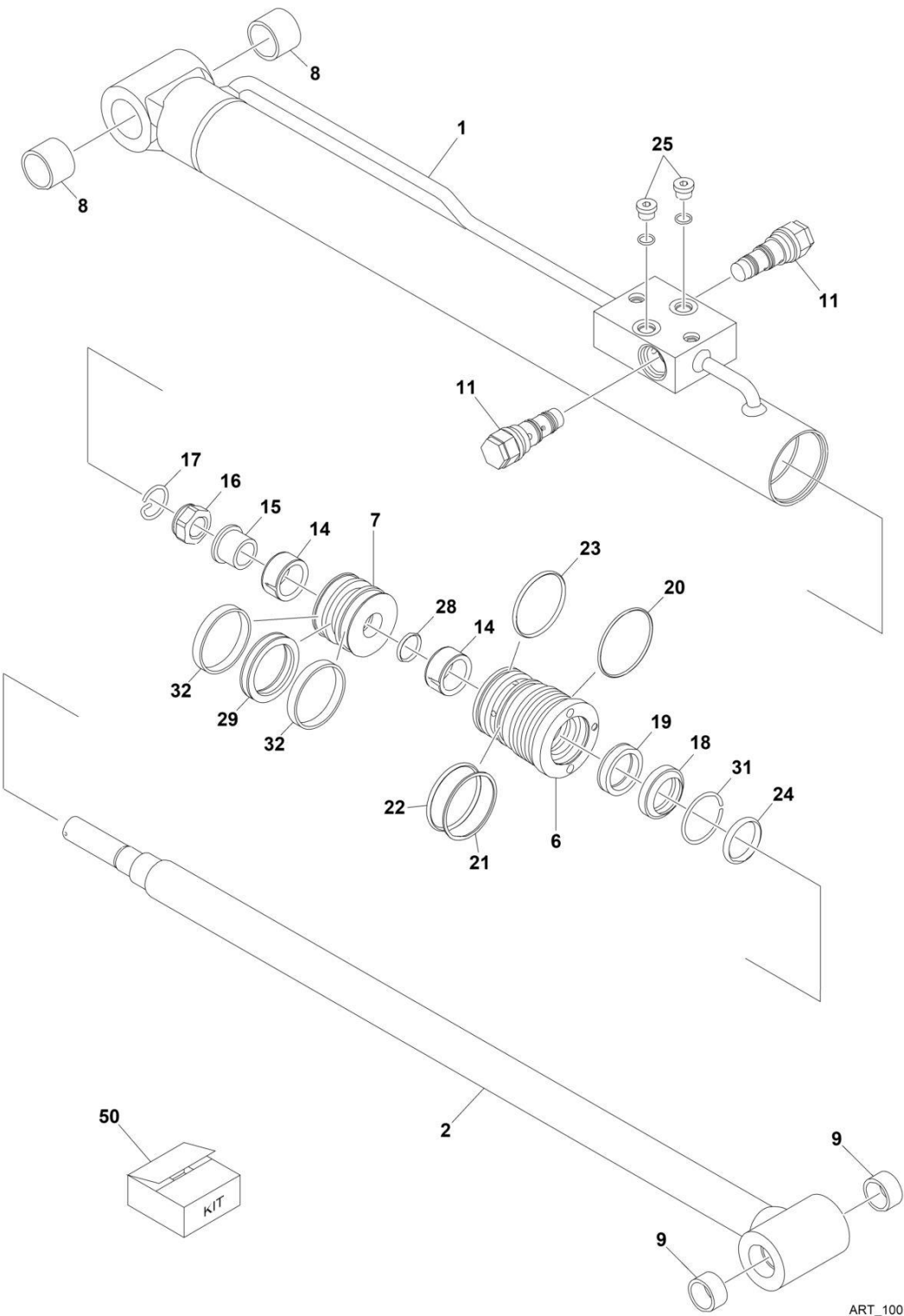
SECTION 6 - CYLINDERS

FIGURE 6-2. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001140596	Ref	LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70003840	1	Barrel	
1A	0961951	2	Bushing	
2	70003841	1	Rod	
2A	0961951	2	Bushing	
6	70003819	1	Head	
7	70003837	1	Piston	
8	70002216	1	Retainer	
12	See Note	NSS	Ring, Wear (Note: Use Item 50)	
13	See Note	NSS	Seal (Note: Use Item 50)	
14	See Note	NSS	O-Ring (Note: Use Item 50)	
15	4640509	1	Cartridge, Counterbalance Valve	
15	2900792	1	Seal Kit - 4640509 Valve	
16	See Note	NSS	O-Ring (Note: Use Item 50)	
17	See Note	NSS	Ring, Back-up (Note: Use Item 50)	
18	See Note	NSS	Seal (Note: Use Item 50)	
19	See Note	NSS	O-Ring (Note: Use Item 50)	
20	See Note	NSS	Wiper (Note: Use Item 50)	
21	70003838	1	Ring, Retaining	
22	7026084	1	O-Ring	
23	70003839	1	Spacer	
25	7017406	4	Plug	
26	See Note	2	Plug (Note: Not Available for Purchase)	
27	See Note	4	Plug (Note: Not Available for Purchase)	
29	4640932	1	Cartridge, Counterbalance Valve	
29	7011112	1	Seal Kit - 4640932 Valve	
50	70003842	1	Seal Kit - 1001140596 Cylinder (Includes Items 12-14 & 16-20)	

SECTION 6 - CYLINDERS

FIGURE 6-3. LIFT CYLINDER ASSEMBLY - JIB



ART_1001140282

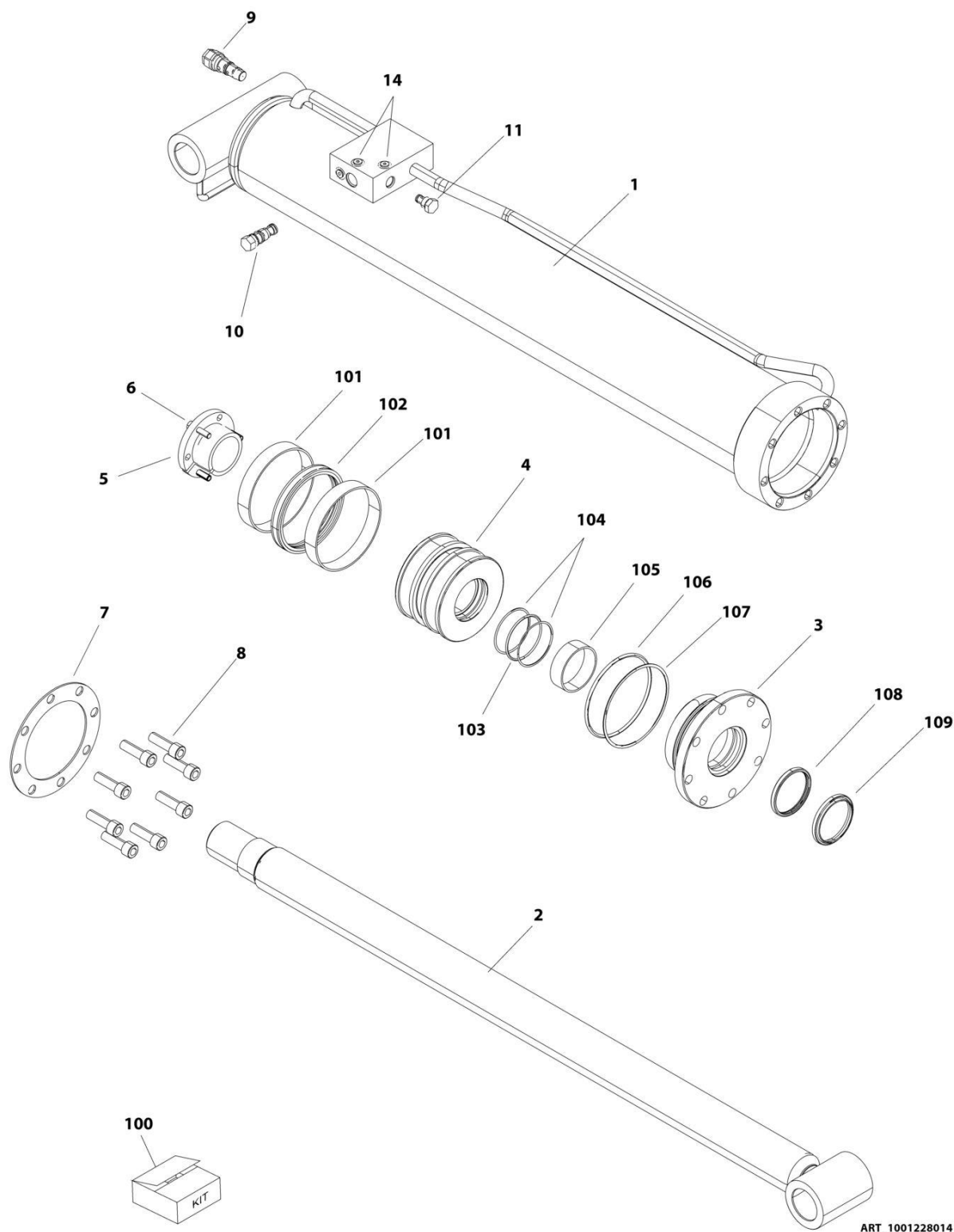
SECTION 6 - CYLINDERS

FIGURE 6-3. LIFT CYLINDER ASSEMBLY - JIB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001140282	Ref	LIFT CYLINDER ASSEMBLY - JIB (E600J/E600JP/M600J/M600JP)	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70003834	1	Barrel	
2	70003835	1	Rod	
6	7026088	1	Head	
7	70003833	1	Piston	
8	0961951	2	Bushing	
9	0961947	2	Bushing	
11	4640509	2	Cartridge, Counterbalance Valve	
11	2900792	2	Seal Kit - 4640509 Valve	
14	7026090	2	Bushing	
15	7026091	1	Sleeve	
16	7026092	1	Nut	
17	70002223	1	Retainer	
18	See Note	NSS	Wiper (Note: Use Item 50)	
19	See Note	NSS	Seal (Note: Use Item 50)	
20	See Note	NSS	O-Ring (Note: Use Item 50)	
21	See Note	NSS	Ring, Back-up (Note: Use Item 50)	
22	See Note	NSS	O-Ring (Note: Use Item 50)	
23	See Note	NSS	O-Ring (Note: Use Item 50)	
24	7026068	1	O-Ring	
25	7024844	2	Plug	
28	See Note	NSS	O-Ring (Note: Use Item 50)	
29	See Note	NSS	Seal (Note: Use Item 50)	
31	70002220	1	Ring, Retaining	
32	See Note	NSS	Ring, Wear (Note: Use Item 50)	
50	70003836	1	Seal Kit - 1001140282 Cylinder (Includes Items 18-23, 28, 29 & 32)	

SECTION 6 - CYLINDERS

FIGURE 6-4. LIFT CYLINDER ASSEMBLY - MAIN (PRIOR TO PVC 2001)



ART_1001228014

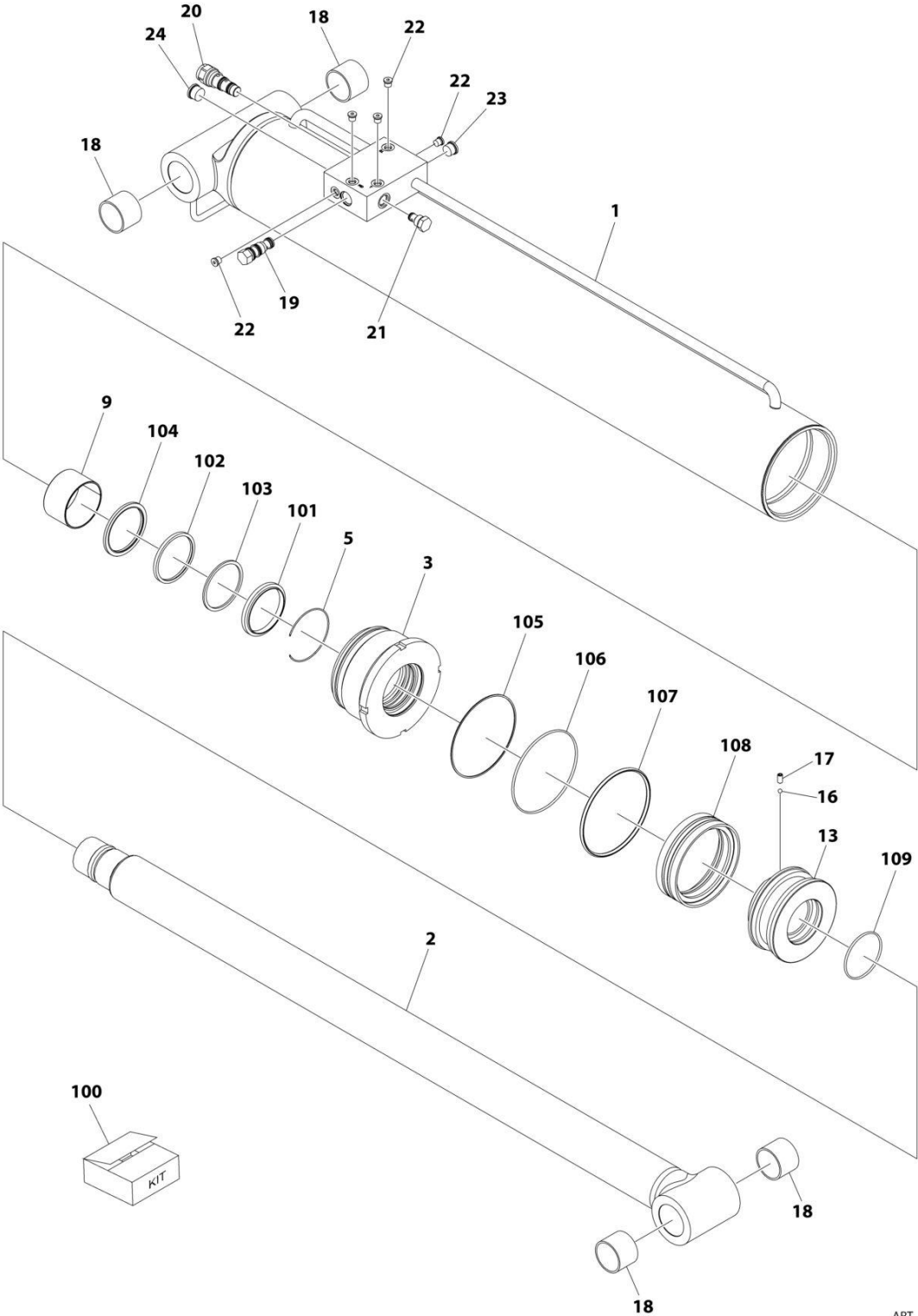
SECTION 6 - CYLINDERS

FIGURE 6-4. LIFT CYLINDER ASSEMBLY - MAIN (PRIOR TO PVC 2001)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228014	Ref	LIFT CYLINDER ASSEMBLY - MAIN	D
		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	70006368	1	Rod Weldment	
3	70006367	1	Head	
4	70006366	1	Piston	
5	70006365	1	Bushing, Tapered	
6	0630536	1	Screw	
7	70006364	1	Washer	
8	3932032	8	Capscrew	
9	4640509	1	Valve, Counterbalance	
10	4640438	1	Cartridge, Check Valve	
11	4641129	1	Cartridge, Check Valve	
12	See Note	NSS	Plug (Not Shown)	
13	See Note	NSS	Plug	
14	2220883	4	Plug	
100	2901886	1	Seal Kit (Includes Items 101-109)	
101	See Note	NSS	Ring, Wear (Note: Use Item 100)	
102	See Note	NSS	Seal, Piston (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, Rod (Note: Use Item 100)	
109	See Note	NSS	Wiper, Rod (Note: Use Item 100)	

SECTION 6 - CYLINDERS

FIGURE 6-5. LIFT CYLINDER ASSEMBLY - MAIN (PVC 2001)



ART_1001251014

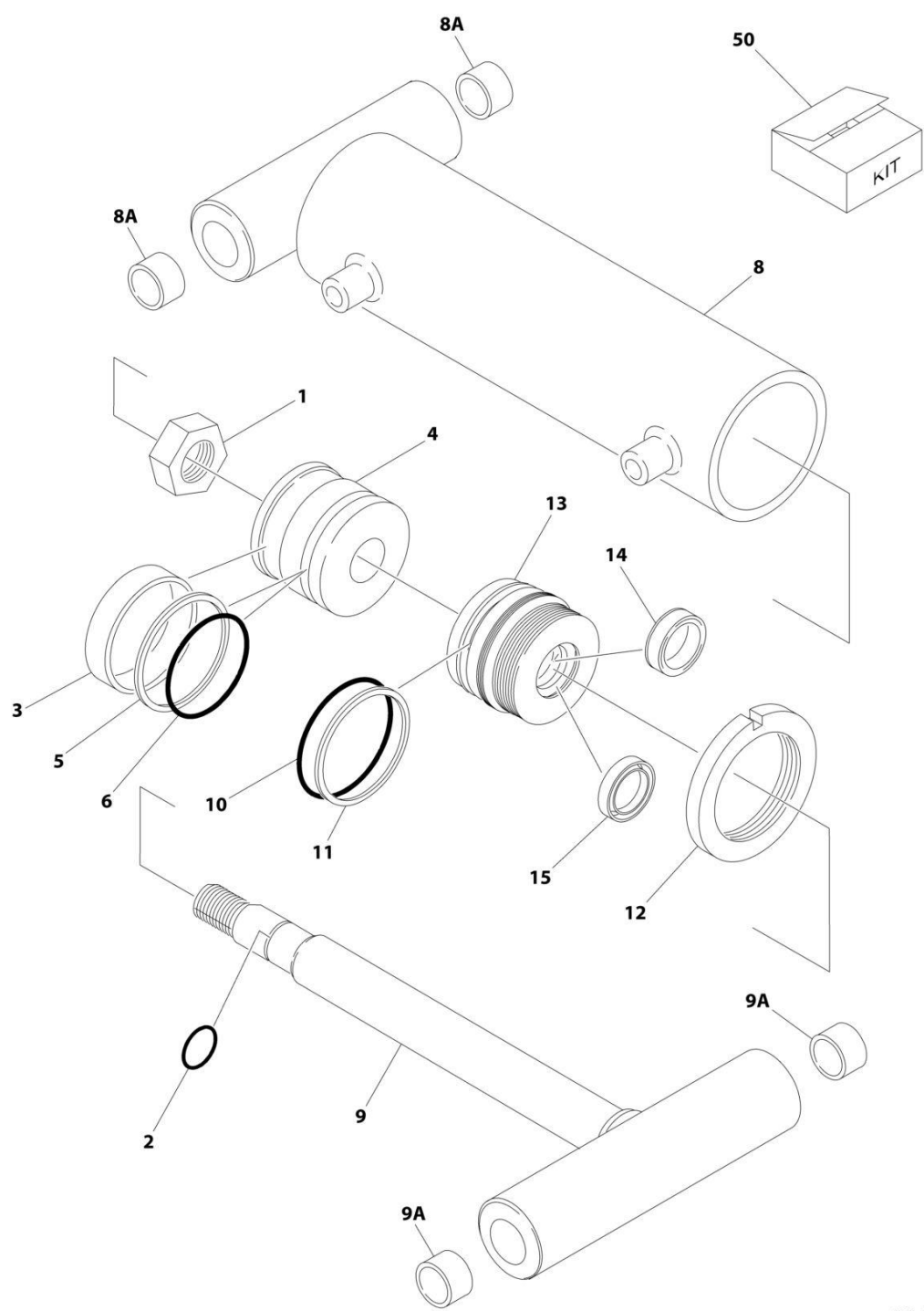
SECTION 6 - CYLINDERS

FIGURE 6-5. LIFT CYLINDER ASSEMBLY - MAIN (PVC 2001)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251014	Ref	LIFT CYLINDER ASSEMBLY - MAIN	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	70007242	1	Rod Weldment	
3	70007243	1	Head	
5	70027750	1	Ring, Retaining	
9	70007244	1	Bearing, Dry	
13	70007245	1	Piston	
16	70022564	1	Ball, Steel	
17	70007246	1	Screw, Set	
18	0961950	4	Bearing	
19	4640438	1	Cartridge, Check Valve	
20	4640509	1	Valve, Counterbalance	
21	4641129	1	Cartridge, Check Valve	
22	2220883	5	Plug	
23	2220886	1	Plug	
24	2220887	1	Plug	
100	70007247	1	Seal Kit (Includes Items 101-109)	
101	See Note	NSS	Wiper (Note: Use Item 100)	
102	See Note	NSS	Seal, Rod (Note: Use Item 100)	
103	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
104	See Note	NSS	Ring, Buffer (Note: Use Item 100)	
105	See Note	NSS	O-Ring (Note: Use Item 100)	
106	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
107	See Note	NSS	O-Ring (Note: Use Item 100)	
108	See Note	NSS	Seal, Piston (Note: Use Item 100)	
109	See Note	NSS	O-Ring (Note: Use Item 100)	

SECTION 6 - CYLINDERS

FIGURE 6-6. MASTER CYLINDER ASSEMBLY



ART_1683866

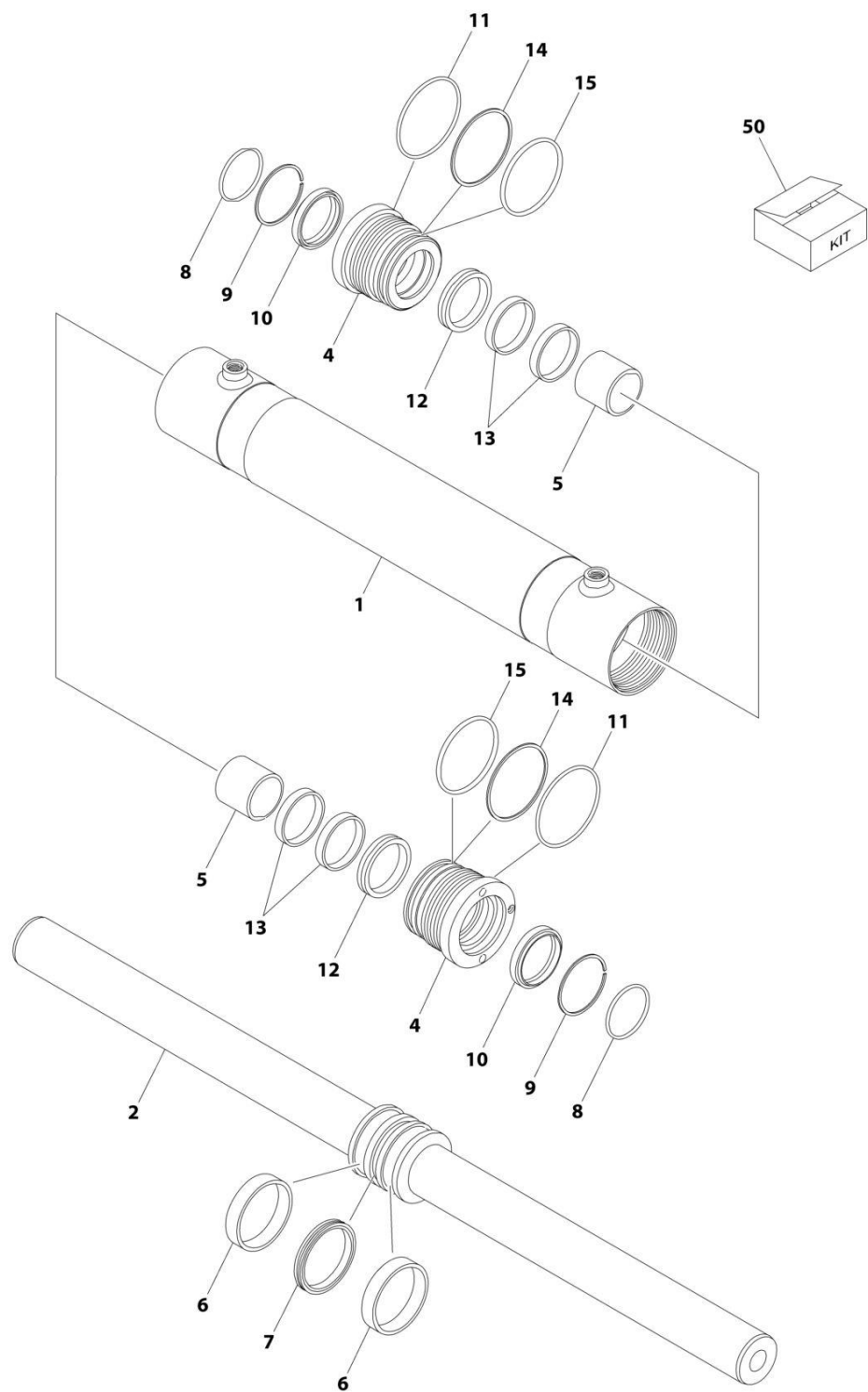
SECTION 6 - CYLINDERS

FIGURE 6-6. MASTER CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1683866	Ref	MASTER CYLINDER ASSEMBLY	D
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	7017278	1	Nut	
2	See Note	NSS	O-Ring (Note: Use Item 50)	
3	See Note	NSS	Ring, Wear (Note: Use Item 50)	
4	7017279	1	Piston	
5	See Note	NSS	Seal, Piston (Note: Use Item 50)	
6	See Note	NSS	O-Ring (Note: Use Item 50)	
8	7017280	1	Barrel Assembly	
8A	0961951	2	Bushing	
9	7017281	1	Rod Assembly	
9A	0961951	2	Bushing	
10	See Note	NSS	O-Ring (Note: Use Item 50)	
11	See Note	NSS	Ring, Back-up (Note: Use Item 50)	
12	7017283	1	Setscrew 1/4 x 3/8	
13	7017282	1	Guide	
14	See Note	NSS	Seal (Note: Use Item 50)	
15	See Note	NSS	Wiper (Note: Use Item 50)	
50	7017277	1	Seal Kit (Includes Items 2, 3, 5, 6, 10, 11, 14 & 15)	

SECTION 6 - CYLINDERS

FIGURE 6-7. STEER CYLINDER ASSEMBLY



ART_1001140281

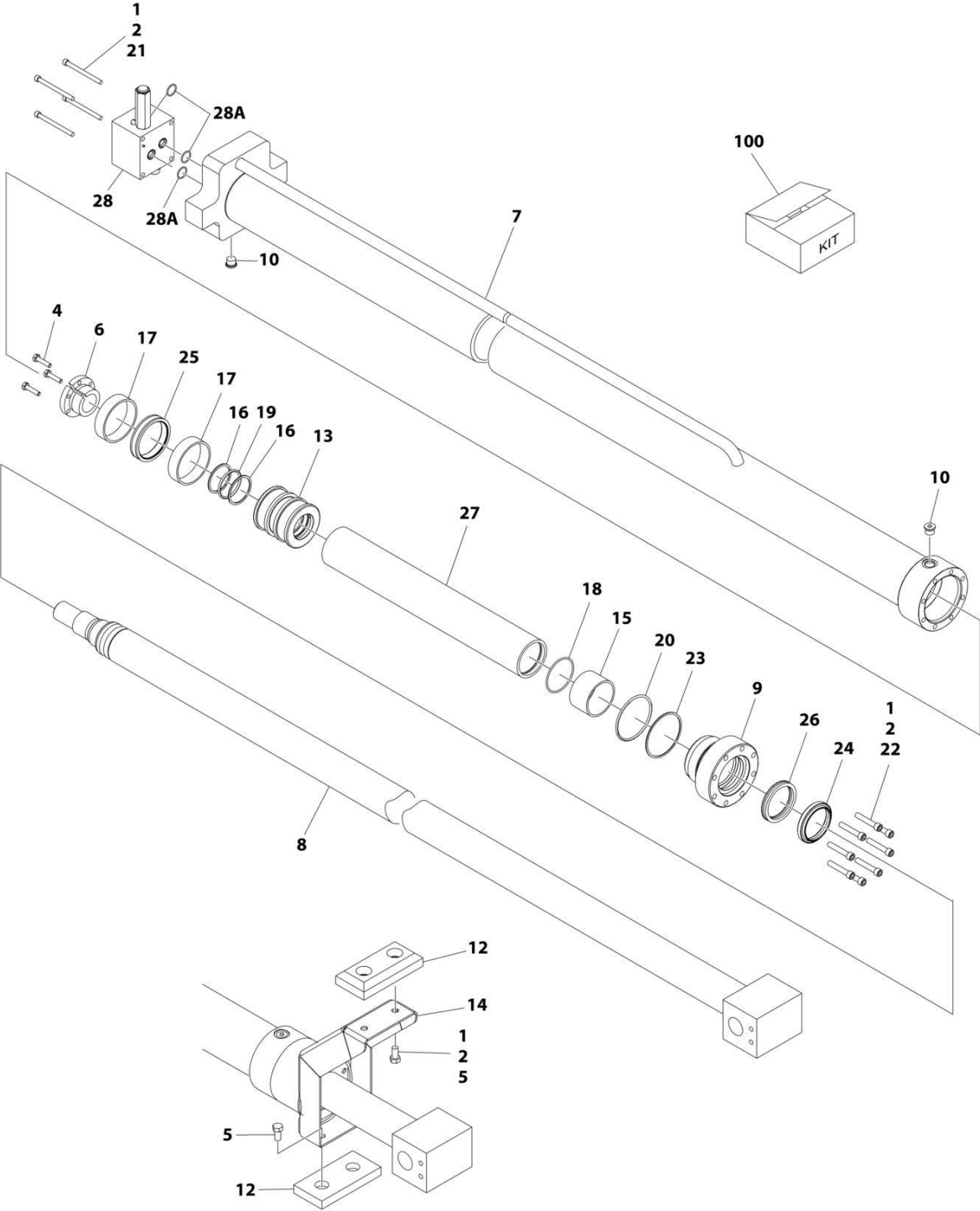
SECTION 6 - CYLINDERS

FIGURE 6-7. STEER CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001140281	Ref	STEER CYLINDER ASSEMBLY	A
		Ref	Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70004134	1	Barrel	
2	70004135	1	Rod	
4	70004132	2	Head	
5	70004133	2	Spacer	
6	See Note	NSS	Ring, Wear (Note: Use Item 50)	
7	See Note	NSS	T-Seal (Note: Use Item 50)	
8	70003820	2	O-Ring	
9	70002219	2	Retainer	
10	See Note	NSS	Wiper (Note: Use Item 50)	
11	See Note	NSS	O-Ring (Note: Use Item 50)	
12	See Note	NSS	Seal (Note: Use Item 50)	
13	See Note	NSS	Ring, Wear (Note: Use Item 50)	
14	See Note	NSS	Ring, Back-up (Note: Use Item 50)	
15	See Note	NSS	O-Ring (Note: Use Item 50)	
50	70004127	1	Seal Kit - 1001140281 Cylinder (Includes Items 6-7 & 10-15)	

SECTION 6 - CYLINDERS

FIGURE 6-8. TELESCOPE CYLINDER ASSEMBLY



ART_1001228017

SECTION 6 - CYLINDERS

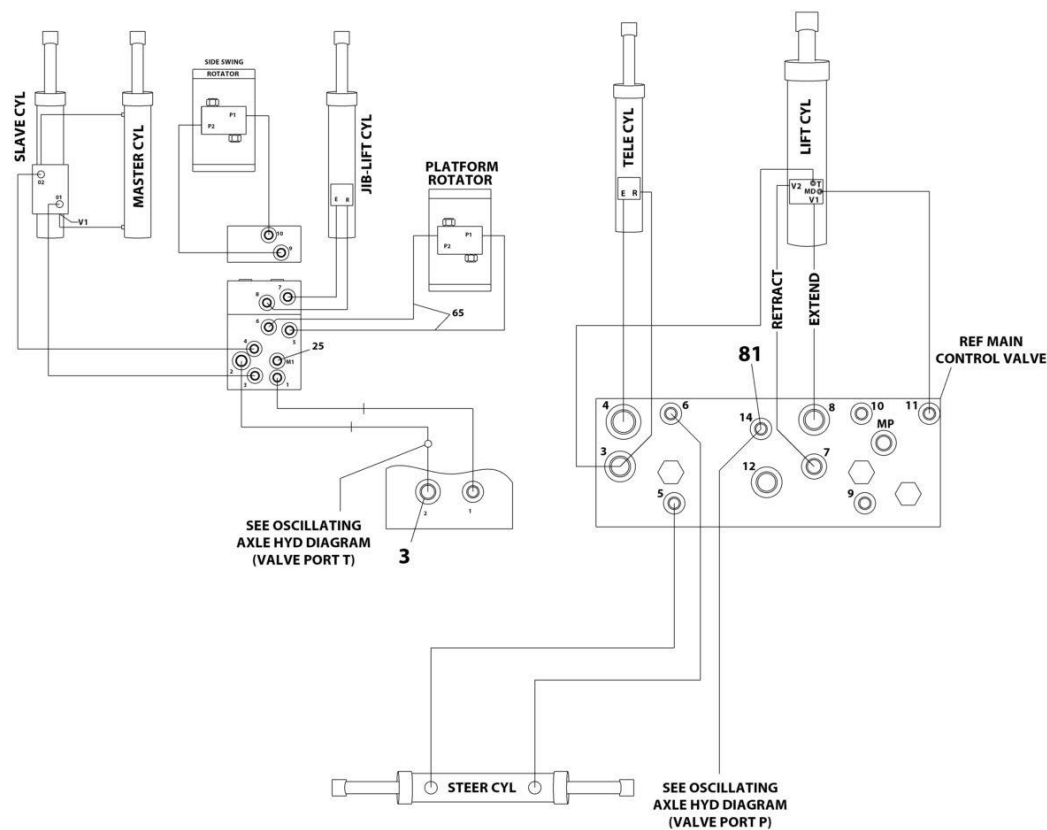
FIGURE 6-8. TELESCOPE CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228017	Ref	TELESCOPE CYLINDER ASSEMBLY	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	0100011	AR	Locking, Compound	
2	0100038	AR	Primer, Locking	
4	0630535	3	Bolt 1/4 x 1-1/8	
5	0641606	4	Bolt 3/8 x 3/4	
6	0961902	1	Bushing, Tapered	
7	See Note	NSS	Barrel (Note: Use Item 100)	
8	70006709	1	Rod	
9	70006710	1	Head	
10	2220885	2	Plug, O-Ring	
12	3340880	2	Pad, Support	
13	70006711	1	Piston	
14	3572040	1	Plate, Support	
15	See Note	NSS	Ring, Wear (Note: Use Item 100)	
16	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
17	See Note	NSS	Ring, Wear (Note: Use Item 100)	
18	See Note	NSS	O-Ring (Note: Use Item 100)	
19	See Note	NSS	O-Ring (Note: Use Item 100)	
20	See Note	NSS	O-Ring (Note: Use Item 100)	
21	3931448	4	Capscrew 1/4 x 3	
22	3931528	8	Bolt 5/16 x 1-3/4	
23	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
24	See Note	NSS	Wiper (Note: Use Item 100)	
25	See Note	NSS	Seal (Note: Use Item 100)	
26	See Note	NSS	Seal, Rod (Note: Use Item 100)	
27	70006712	1	Spacer	
28	4641179	1	Valve Assembly (Note: No Serviceable Parts - Purchase Complete Valve)	
28A	7026616	1	Seal Kit - 4641179 Valve	
100	2902019	1	Seal Kit (Includes Items 7, 15-20 & 23-26)	

SECTION 7 - HYDRAULIC

SECTION 7 - HYDRAULIC

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



ART_1001202439

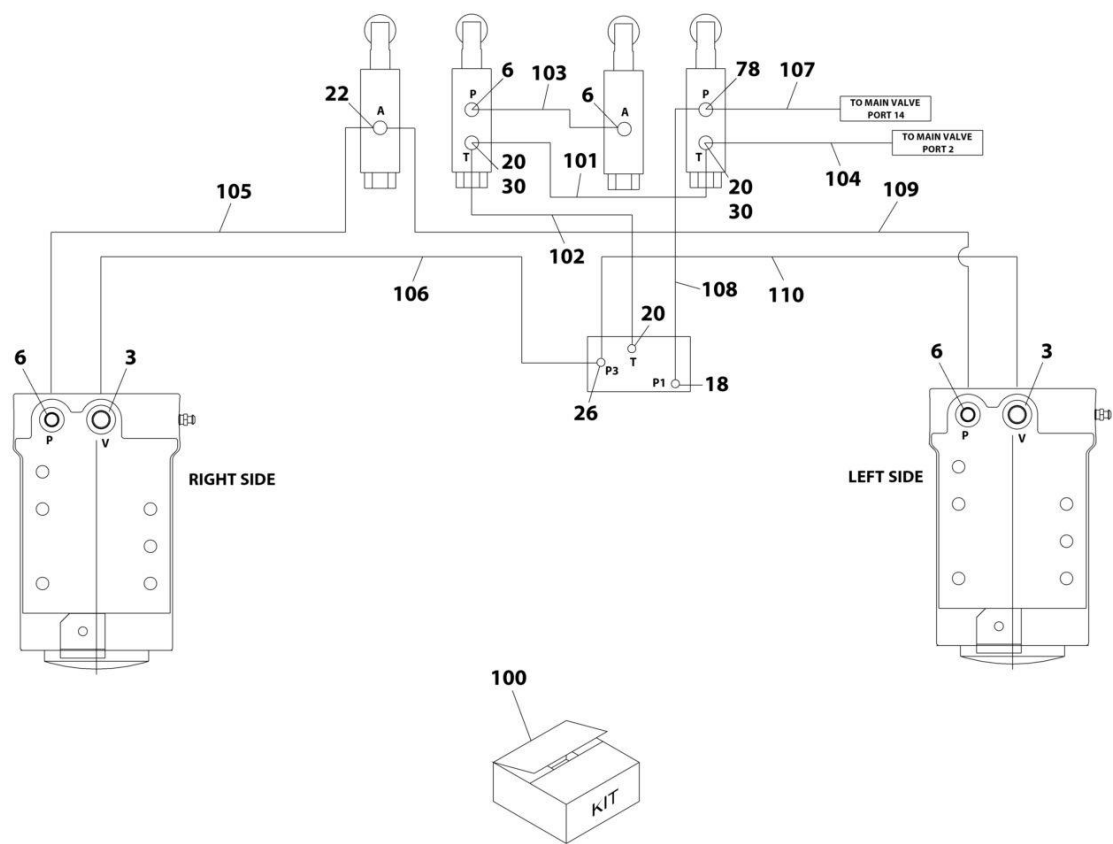
SECTION 7 - HYDRAULIC

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202439	1	HYDRAULIC DIAGRAM - AXLE (FIXED)	1
3	2220371	1	Fitting, Straight JIC/ORB	
81	2220235	1	Plug	

SECTION 7 - HYDRAULIC

FIGURE 7-2. HYDRAULIC DIAGRAM - AXLE (OSCILLATING)



ART_1001202444

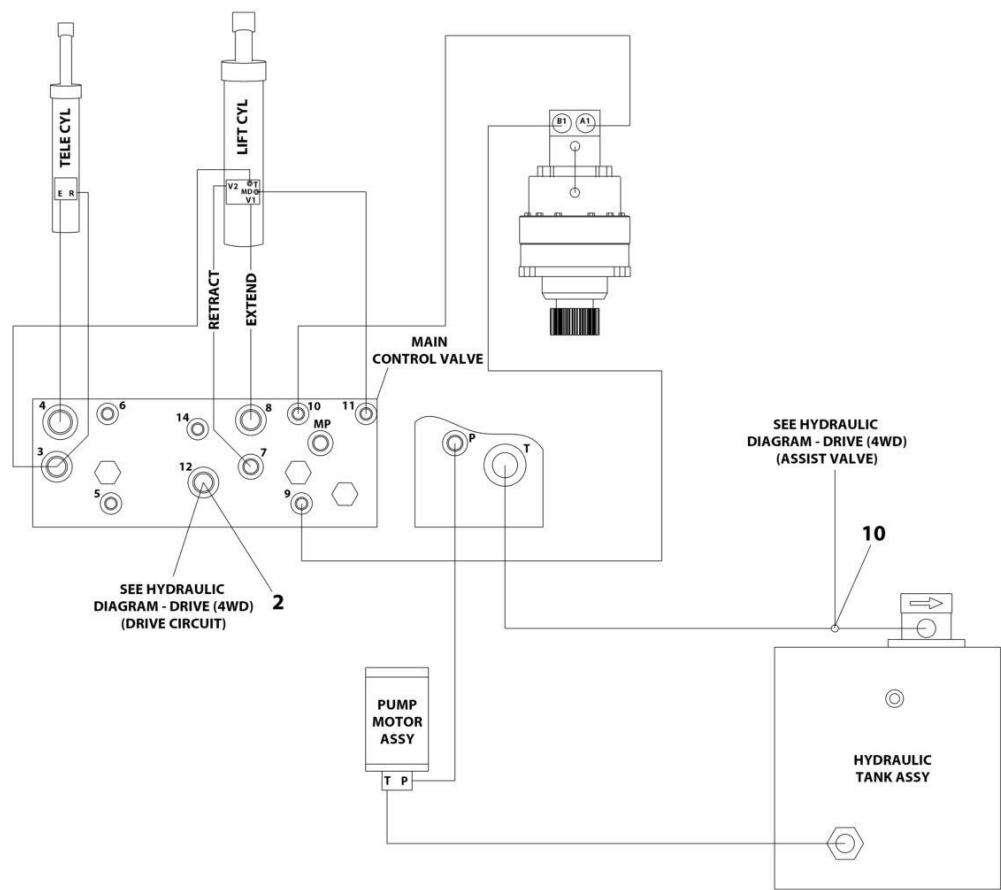
SECTION 7 - HYDRAULIC

FIGURE 7-2. HYDRAULIC DIAGRAM - AXLE (OSCILLATING)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202444	Ref	OSCILLATING AXLE HYDRAULIC DIAGRAM	D
3	2220371	2	Fitting, Straight ORB-FL	
6	2220415	4	Fitting, Straight ORB-FL	
18	2220582	1	Fitting, Straight ORB-FL	
20	2220603	3	Fitting, Straight ORB-FL	
22	2220711	1	Fitting, Tee ORB-FL-FL	
26	2220899	1	Fitting, Tee ORB-FL-FL	
30	2220635	2	Fitting, Tee JIC/FSJIC/JIC	
78	2221034	1	Fitting, Tee ORB-FL-FL	
100	1001269832	1	Kit, Hose (OSC Axle)	
101	2752463	NSS	Hose	
102	2752471	NSS	Hose	
103	2752588	NSS	Hose	
104	2752631	NSS	Hose	
105	2753002	NSS	Hose	
106	2753397	NSS	Hose	
107	2753420	NSS	Hose	
108	1001200620	NSS	Hose	
109	1001200621	NSS	Hose	
110	1001200622	NSS	Hose	

SECTION 7 - HYDRAULIC

FIGURE 7-3. HYDRAULIC DIAGRAM - DRIVE (2WD)



ART_2792427_1

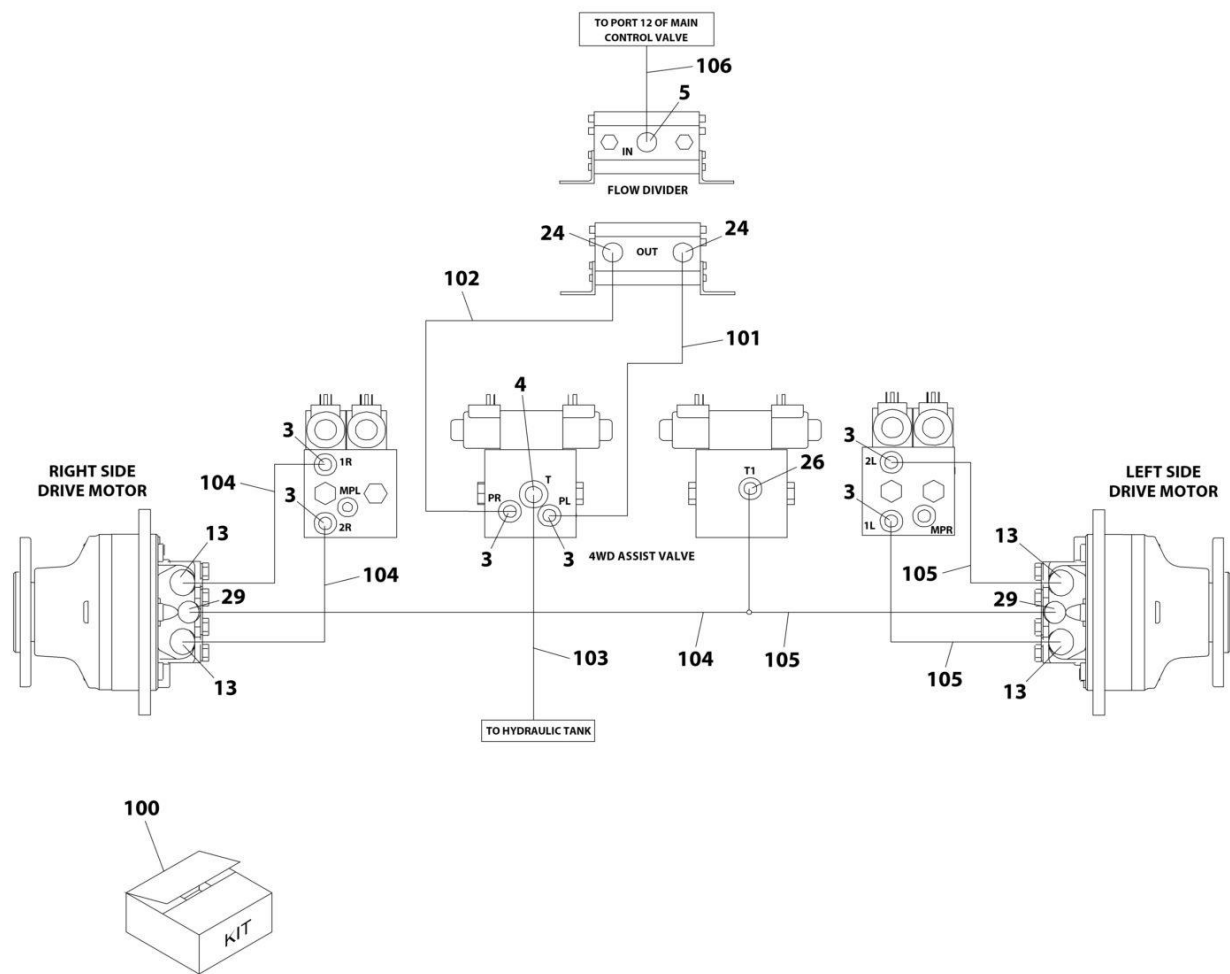
SECTION 7 - HYDRAULIC

FIGURE 7-3. HYDRAULIC DIAGRAM - DRIVE (2WD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2792427	Ref	HYDRAULIC DIAGRAM - DRIVE (2WD)	1
2	2220238	1	Plug	
10	2220451	1	Fitting, Straight JIC/ORB	

SECTION 7 - HYDRAULIC

FIGURE 7-4. HYDRAULIC DIAGRAM - DRIVE (4WD)



ART_2792423

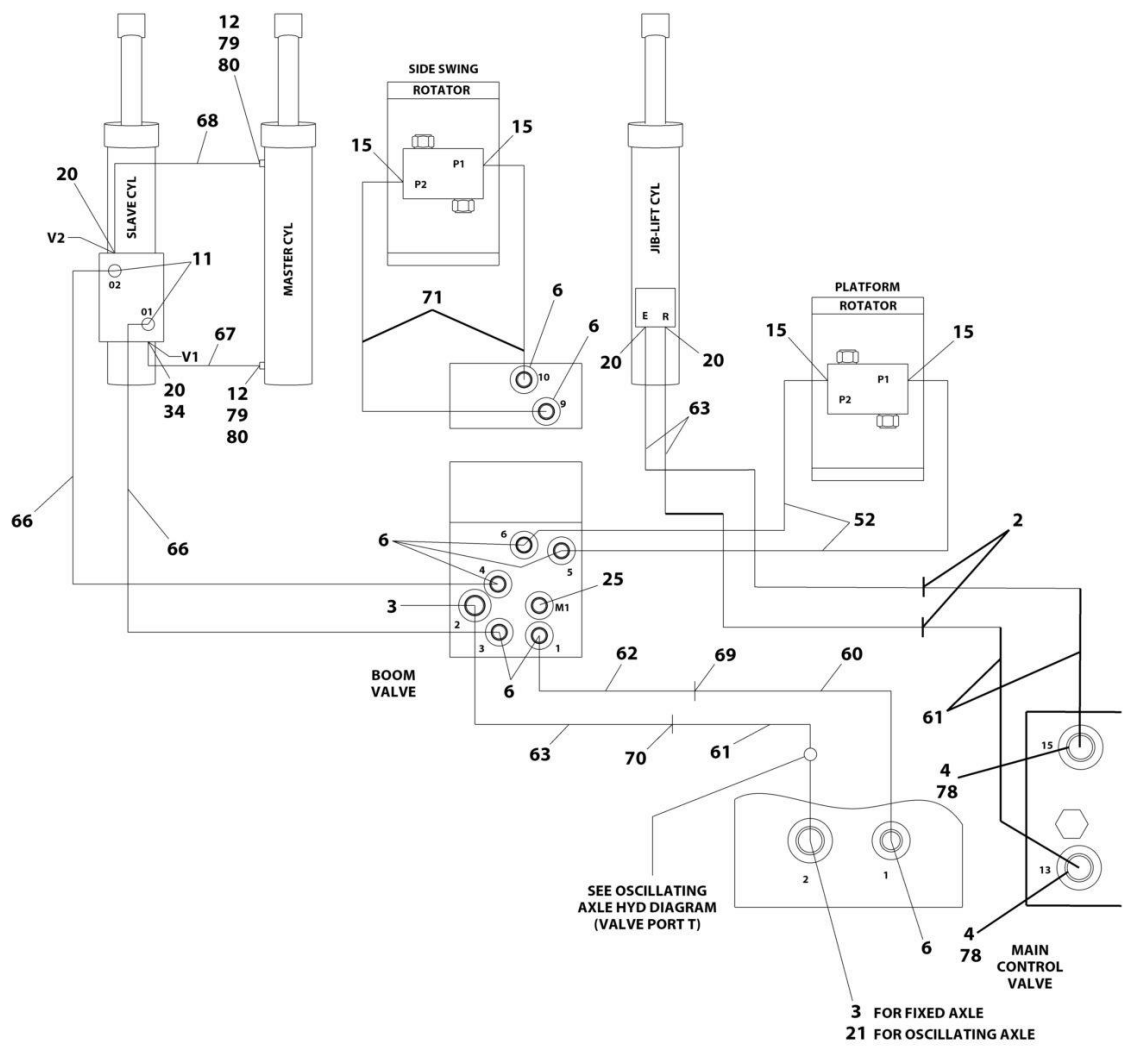
SECTION 7 - HYDRAULIC

FIGURE 7-4. HYDRAULIC DIAGRAM - DRIVE (4WD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2792423	Ref	4WD HYDRAULIC DIAGRAM	B
3	2220371	6	Fitting, Straight ORB-FL	
4	2220373	1	Fitting, Straight ORB-FL	
5	2220374	1	Fitting, Straight ORB-FL	
13	2220497	4	Fitting, Straight ORB-FL	
24	2220828	2	Fitting, 90 ORB-FL	
26	2220899	1	Fitting, Tee ORB-FL-FL	
29	2220998	2	Fitting, Straight ORB-FL	
100	1001269833	1	Kit, Hose (4WD Rear)	
101	2752648	NSS	Hose	
102	2753118	NSS	Hose	
103	2753452	NSS	Hose	
104	2753459	NSS	Hose	
105	2753460	NSS	Hose	
106	2753461	NSS	Hose	

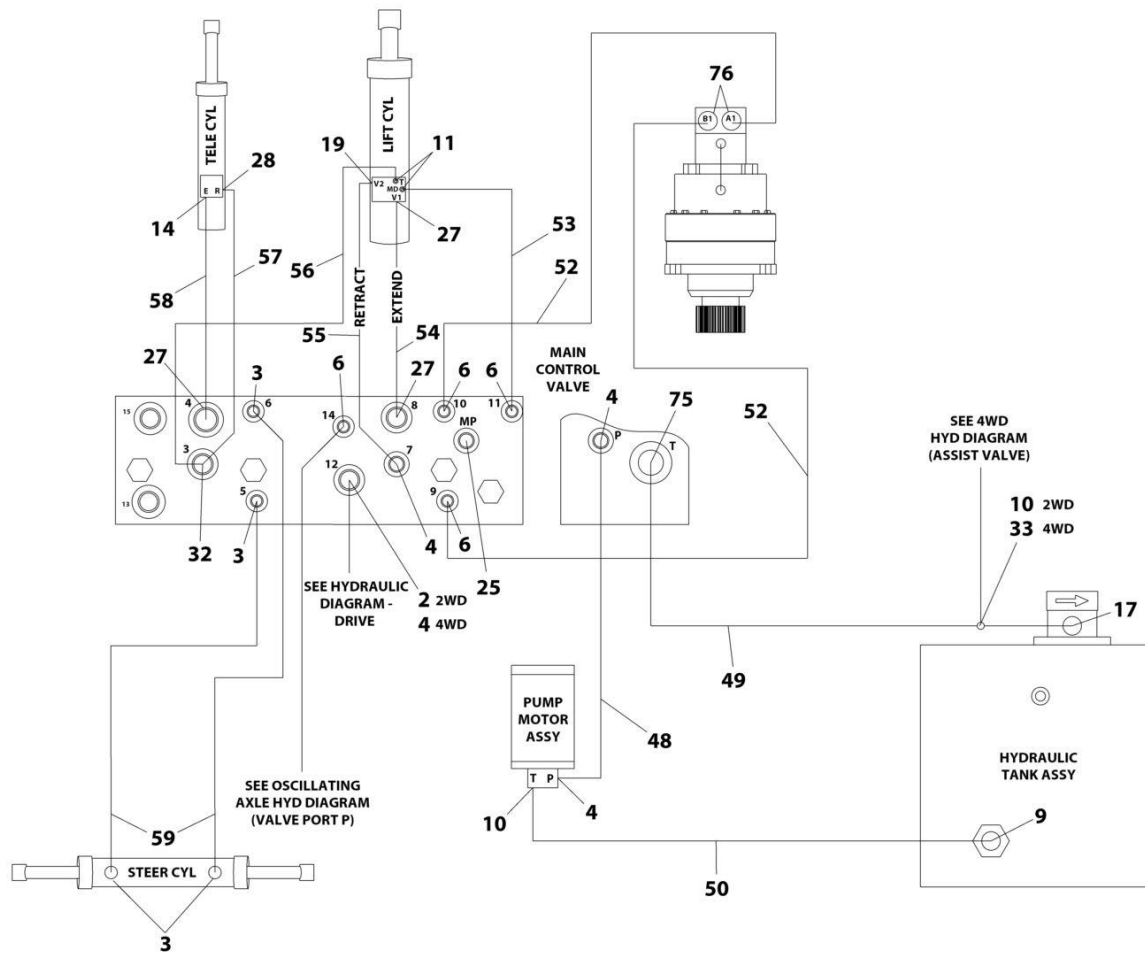
SECTION 7 - HYDRAULIC

FIGURE 7-5. HYDRAULIC DIAGRAM - STANDARD (EC600SJ/H600SJ) (PRIOR TO PVC 2001)



ART_1001220357_10F2

SECTION 7 - HYDRAULIC



ART_1001220357_20F2

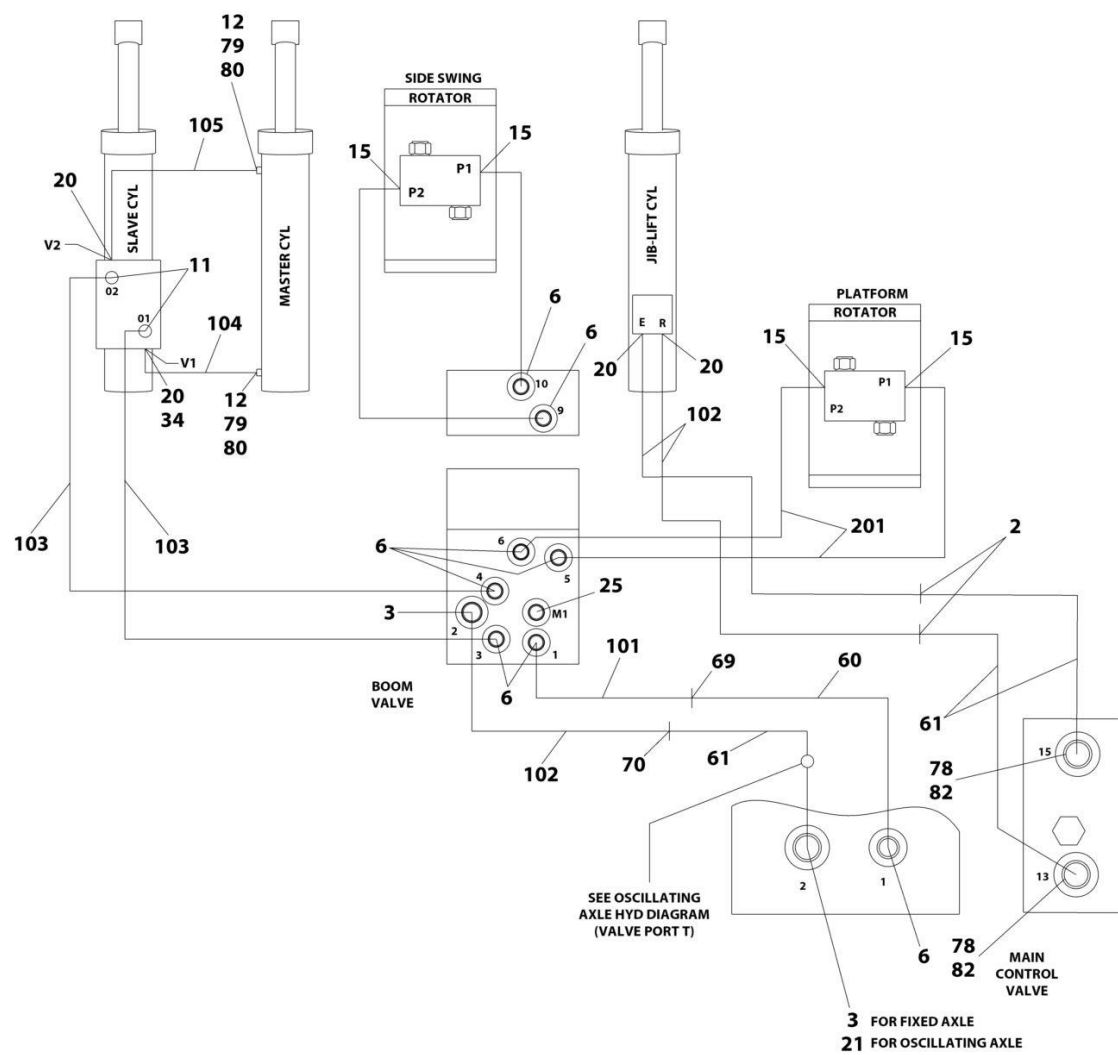
SECTION 7 - HYDRAULIC

FIGURE 7-5. HYDRAULIC DIAGRAM - STANDARD (EC600SJ/H600SJ) (PRIOR TO PVC 2001)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220357	Ref	HYDRAULIC DIAGRAM - STANDARD	A
2	2220511	2	Fitting, Straight JIC/JIC	
3	2220371	7	Fitting, Straight JIC/ORB	
4	2220373	6	Fitting, Straight JIC/ORB	
6	2220415	9	Fitting, Straight JIC/ORB	
9	2220435	1	Fitting, Straight JIC/ORB	
10	2220451	1	Fitting, Straight JIC/ORB	
11	2220466	4	Fitting, 90 JIC/ORB	
12	2220934	2	Fitting, Tee JIC/ORB/FNPTF	
14	2220500	1	Fitting, 45 JIC/ORB	
15	2220502	2	Fitting, 45 JIC/ORB	
17	2220550	1	Fitting Straight FORB/ORB	
19	2220596	1	Fitting, 90 JIC/ORB	
20	2220603	4	Fitting Straight JIC/ORB	
21	2220606	1	Fitting, Tee JIC/ORB/JIC	
25	2221086	2	Fitting, Diagnostic Test Port	
27	2220947	3	Fitting, Straight JIC/ORB	
28	2220950	1	Fitting, 45 JIC/ORB	
32	2221061	1	Fitting, Tee JIC/ORB/JIC	
33	2221063	1	Fitting, Tee JIC/ORB/JIC	
34	4567139	1	Tube	
48	2752498	1	Hose	
49	2753441	1	Hose	
50	2753440	1	Hose	
52	2753458	4	Hose	
53	2753444	1	Hose	
54	2753456	1	Hose	
55	2753454	1	Hose	
56	2753443	1	Hose	
57	2753453	1	Hose	
58	2753455	1	Hose	
59	2753451	2	Hose	
60	2753445	1	Hose	
61	2753447	3	Hose	
62	2753446	1	Hose	
63	2753450	3	Hose	
66	2753442	2	Hose	
67	2753448	1	Hose	
68	2753449	1	Hose	
69	2230031	1	Fitting, 45 JIC/JIC	
70	8770189	1	Fitting, 45 JIC/JIC	
75	2220578	1	Fitting, 90 JIC/ORB	
76	2221033	2	Fitting, Straight JIC/ORB	
79	4640861	2	Fitting, Bleeder	
80	0100020	AR	Sealant	

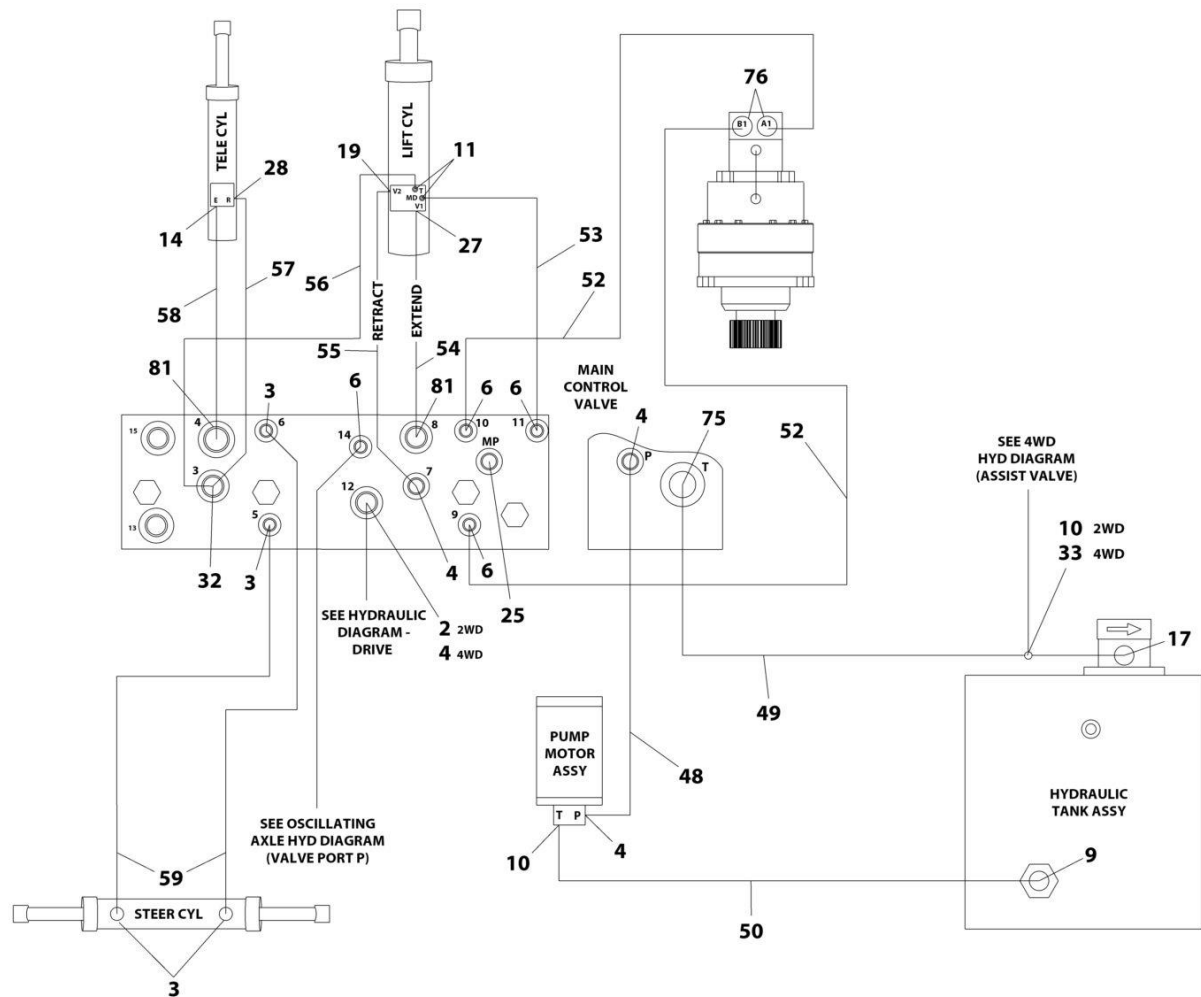
SECTION 7 - HYDRAULIC

FIGURE 7-6. HYDRAULIC DIAGRAM - STANDARD (EC600SJ/H600SJ) (PVC 2001)



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SECTION 7 - HYDRAULIC



ART_1001220357_B_2OF2

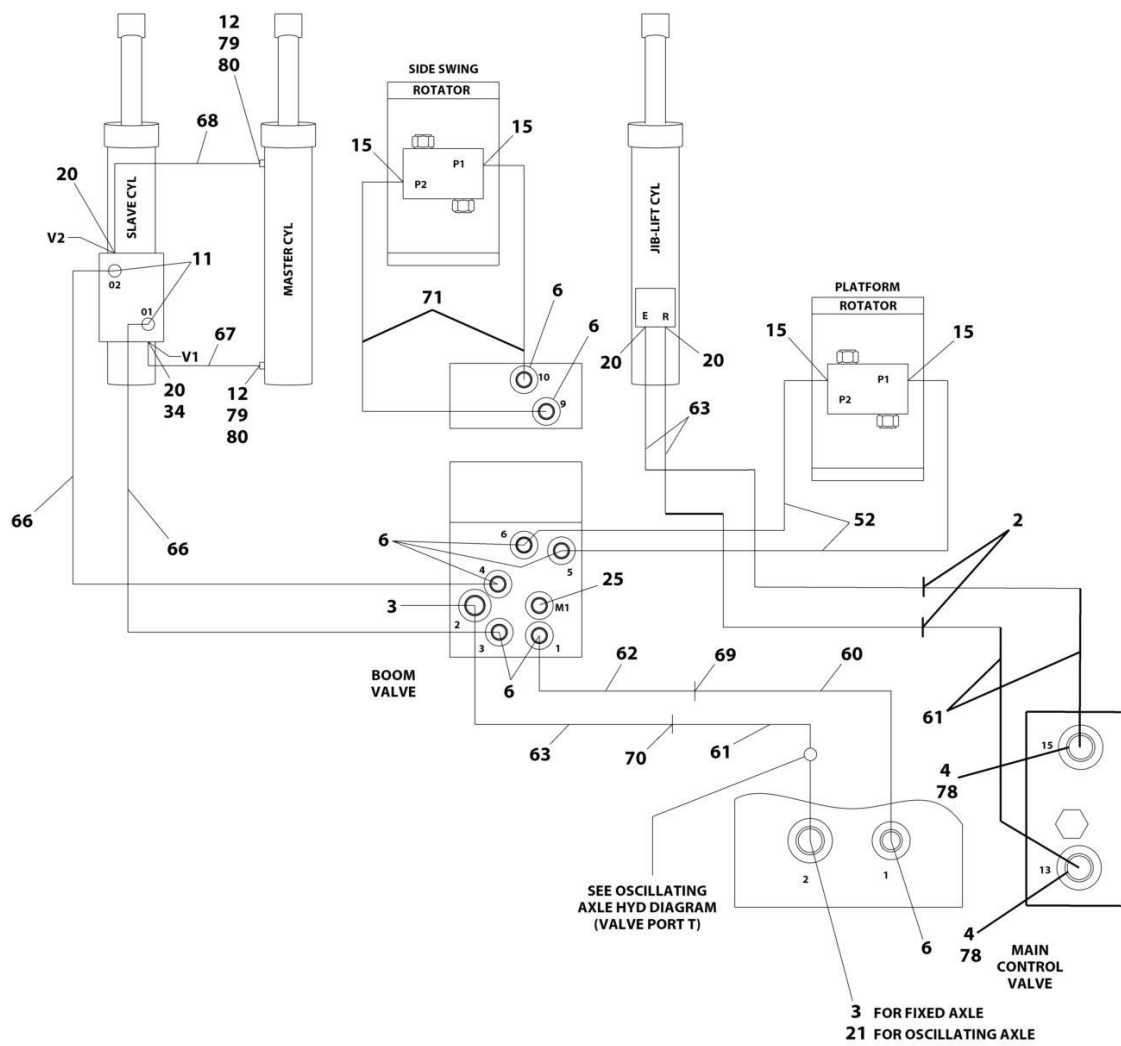
SECTION 7 - HYDRAULIC

FIGURE 7-6. HYDRAULIC DIAGRAM - STANDARD (EC600SJ/H600SJ) (PVC 2001)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220357	Ref	HYDRAULIC DIAGRAM - STANDARD	B
2	2220511	2	Fitting, Straight JIC/JIC	
3	2220371	7	Fitting, Straight JIC/ORB	
4	2220373	4	Fitting, Straight JIC/ORB	
6	2220415	9	Fitting, Straight JIC/ORB	
9	2220435	1	Fitting, Straight JIC/ORB	
10	2220451	1	Fitting, Straight JIC/ORB	
11	2220466	4	Fitting, 90 JIC/ORB	
12	2220934	2	Fitting, Tee JIC/ORB/FNPTF	
14	2220500	1	Fitting, 45 JIC/ORB	
15	2220502	2	Fitting, 45 JIC/ORB	
17	2220550	1	Fitting Straight FORB/ORB	
19	2220596	1	Fitting, 90 JIC/ORB	
20	2220603	4	Fitting Straight JIC/ORB	
21	2220606	1	Fitting, Tee JIC/ORB/JIC	
25	2221086	2	Fitting, Diagnostic Test Port	
27	2220947	1	Fitting, Straight JIC/ORB	
28	2220950	1	Fitting, 45 JIC/ORB	
32	2221061	1	Fitting, Tee JIC/ORB/JIC	
33	2221063	1	Fitting, Tee JIC/ORB/JIC	
34	4567139	1	Tube	
48	2752498	1	Hose	
49	2753441	1	Hose	
50	2753440	1	Hose	
52	2753458	2	Hose	
53	2753444	1	Hose	
54	2753456	1	Hose	
55	2753454	1	Hose	
56	2753443	1	Hose	
57	2753453	1	Hose	
58	2753455	1	Hose	
59	2753451	2	Hose	
60	2753445	1	Hose	
61	2753447	3	Hose	
69	2230031	1	Fitting, 45 JIC/JIC	
70	8770189	1	Fitting, 45 JIC/JIC	
75	2220578	1	Fitting, 90 JIC/ORB	
76	2221033	2	Fitting, Straight JIC/ORB	
79	4640861	2	Fitting, Bleeder	
80	0100020	AR	Sealant	
81	88662037	2	Fitting, Straight JIC/ORB	
82	2220372	2	Fitting, Straight JIC/ORB	
100	1001260908	1	Kit, Hose (Upper Boom)	
101	2753446	NSS	Hose	
102	2753450	NSS	Hose	
103	2753442	NSS	Hose	
104	2753448	NSS	Hose	
105	2753449	NSS	Hose	
200	1001260910	1	Kit, Hose (Jib)	
201	2753458	NSS	Hose	

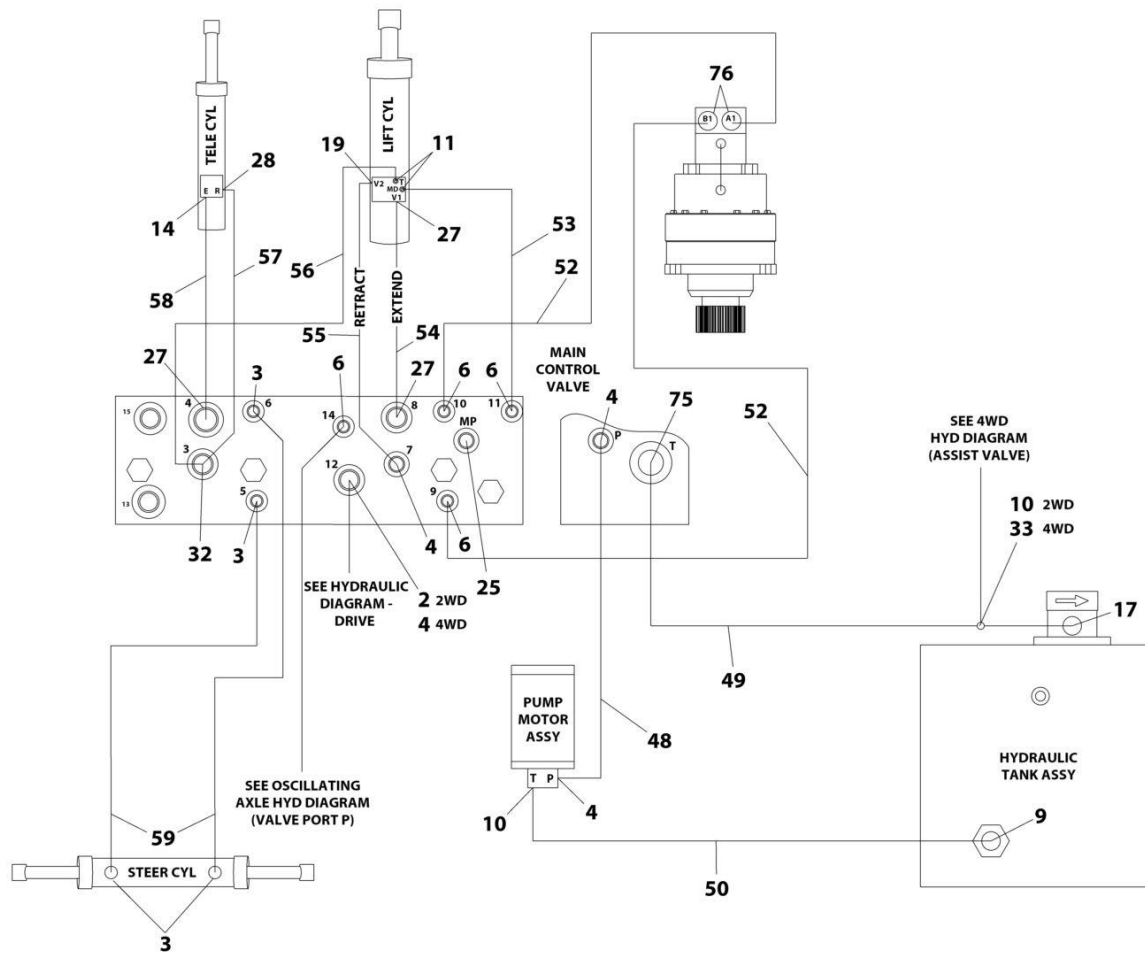
SECTION 7 - HYDRAULIC

FIGURE 7-7. HYDRAULIC DIAGRAM - STANDARD (EC600SJP/H600SJP) (PRIOR TO PVC 2001)



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SECTION 7 - HYDRAULIC



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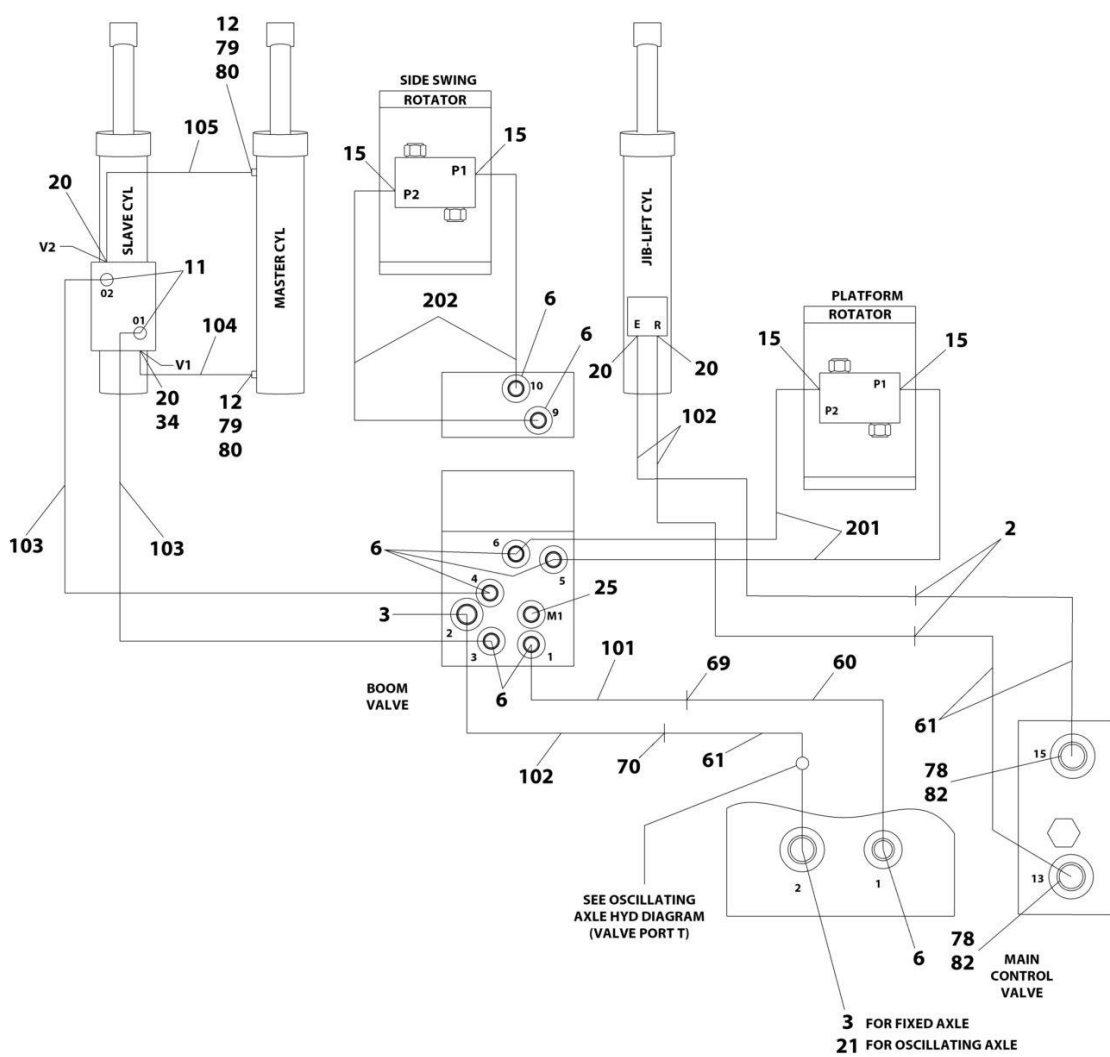
SECTION 7 - HYDRAULIC

FIGURE 7-7. HYDRAULIC DIAGRAM - STANDARD (EC600SJP/H600SJP) (PRIOR TO PVC 2001)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220358	Ref	HYDRAULIC DIAGRAM - STANDARD	B
2	2220511	2	Fitting, Straight JIC/JIC	
3	2220371	5	Fitting, Straight JIC/ORB	
4	2220373	6	Fitting, Straight JIC/ORB	
6	2220415	11	Fitting, Straight JIC/ORB	
9	2220435	1	Fitting, Straight JIC/ORB	
10	2220451	1	Fitting, Straight JIC/ORB	
11	2220466	4	Fitting, 90 JIC/ORB	
12	2220934	2	Fitting, Tee JIC/ORB/FNPTF	
14	2220500	1	Fitting, 45 JIC/ORB	
15	2220502	4	Fitting, 45 JIC/ORB	
17	2220550	1	Fitting Straight FORB/ORB	
19	2220596	1	Fitting, 90 JIC/ORB	
20	2220603	4	Fitting Straight JIC/ORB	
21	2220606	1	Fitting, Tee JIC/ORB/JIC	
25	2221086	2	Fitting, Diagnostic Test Port	
27	2220947	3	Fitting, Straight JIC/ORB	
28	2220950	1	Fitting, 45 JIC/ORB	
32	2221061	1	Fitting, Tee JIC/ORB/JIC	
33	2221063	1	Fitting, Tee JIC/ORB/JIC	
34	4567139	1	Tube	
48	2752498	1	Hose	
49	2753441	1	Hose	
50	2753440	1	Hose	
52	2753458	4	Hose	
53	2753444	1	Hose	
54	2753456	1	Hose	
55	2753454	1	Hose	
56	2753443	1	Hose	
57	2753453	1	Hose	
58	2753455	1	Hose	
59	2753451	2	Hose	
60	2753445	1	Hose	
61	2753447	3	Hose	
62	2753493	1	Hose	
63	2753494	3	Hose	
66	2753492	2	Hose	
67	2753448	1	Hose	
68	2753449	1	Hose	
69	2230031	1	Fitting, 45 JIC/JIC	
70	8770189	1	Fitting, 45 JIC/JIC	
75	2220578	1	Fitting, 90 JIC/ORB	
76	2221033	2	Fitting, Straight JIC/ORB	
79	4640861	2	Fitting, Bleeder	
80	0100020	AR	Sealant	

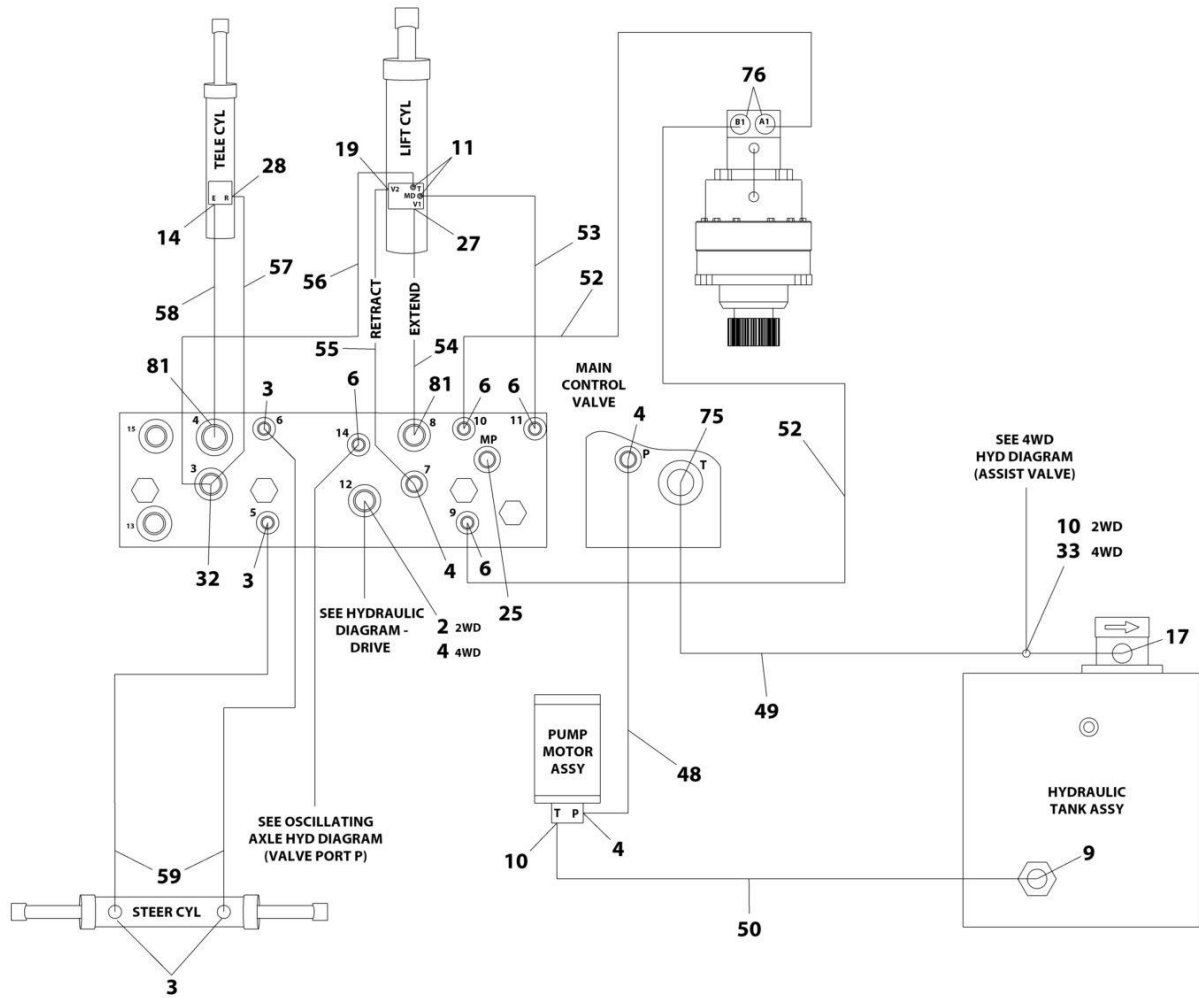
SECTION 7 - HYDRAULIC

FIGURE 7-8. HYDRAULIC DIAGRAM - STANDARD (EC600SJP/H600SJP) (PVC 2001)



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SECTION 7 - HYDRAULIC



ART_1001220358_C_2OF2

SECTION 7 - HYDRAULIC

FIGURE 7-8. HYDRAULIC DIAGRAM - STANDARD (EC600SJP/H600SJP) (PVC 2001)

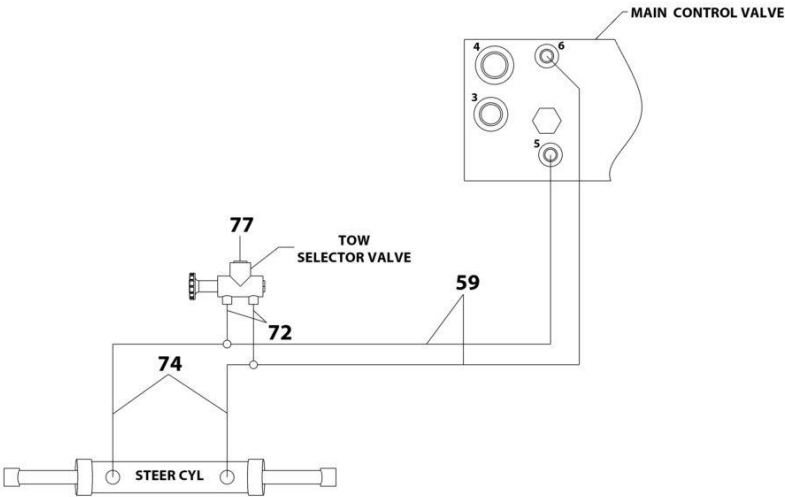
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220358	Ref	HYDRAULIC DIAGRAM - STANDARD	C
2	2220511	2	Fitting, Straight JIC/JIC	
3	2220371	5	Fitting, Straight JIC/ORB	
4	2220373	4	Fitting, Straight JIC/ORB	
6	2220415	11	Fitting, Straight JIC/ORB	
9	2220435	1	Fitting, Straight JIC/ORB	
10	2220451	1	Fitting, Straight JIC/ORB	
11	2220466	4	Fitting, 90 JIC/ORB	
12	2220934	2	Fitting, Tee JIC/ORB/FNPTF	
14	2220500	1	Fitting, 45 JIC/ORB	
15	2220502	4	Fitting, 45 JIC/ORB	
17	2220550	1	Fitting Straight FORB/ORB	
19	2220596	1	Fitting, 90 JIC/ORB	
20	2220603	4	Fitting Straight JIC/ORB	
21	2220606	1	Fitting, Tee JIC/ORB/JIC	
25	2221086	2	Fitting, Diagnostic Test Port	
27	2220947	1	Fitting, Straight JIC/ORB	
28	2220950	1	Fitting, 45 JIC/ORB	
32	2221061	1	Fitting, Tee JIC/ORB/JIC	
33	2221063	1	Fitting, Tee JIC/ORB/JIC	
34	4567139	1	Tube	
48	2752498	1	Hose	
49	2753441	1	Hose	
50	2753440	1	Hose	
52	2753458	2	Hose	
53	2753444	1	Hose	
54	2753456	1	Hose	
55	2753454	1	Hose	
56	2753443	1	Hose	
57	2753453	1	Hose	
58	2753455	1	Hose	
59	2753451	2	Hose	
60	2753445	1	Hose	
61	2753447	3	Hose	
69	2230031	1	Fitting, 45 JIC/JIC	
70	8770189	1	Fitting, 45 JIC/JIC	
75	2220578	1	Fitting, 90 JIC/ORB	
76	2221033	2	Fitting, Straight JIC/ORB	
79	4640861	2	Fitting, Bleeder	
80	0100020	AR	Sealant	
81	88662037	2	Fitting, Straight JIC/ORB	
82	2220372	2	Fitting, Straight JIC/ORB	
100	1001260909	1	Kit, Hose (Upper Boom)	
101	2753493	NSS	Hose	
102	2753494	NSS	Hose	
103	2753492	NSS	Hose	
104	2753448	NSS	Hose	
105	2753449	NSS	Hose	
200	1001260911	1	Kit, Hose (Jib)	
201	2753458	NSS	Hose	

SECTION 7 - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
202	2753491	NSS	Hose	

SECTION 7 - HYDRAULIC

FIGURE 7-9. HYDRAULIC DIAGRAM - TOW



ART_1001202441

SECTION 7 - HYDRAULIC

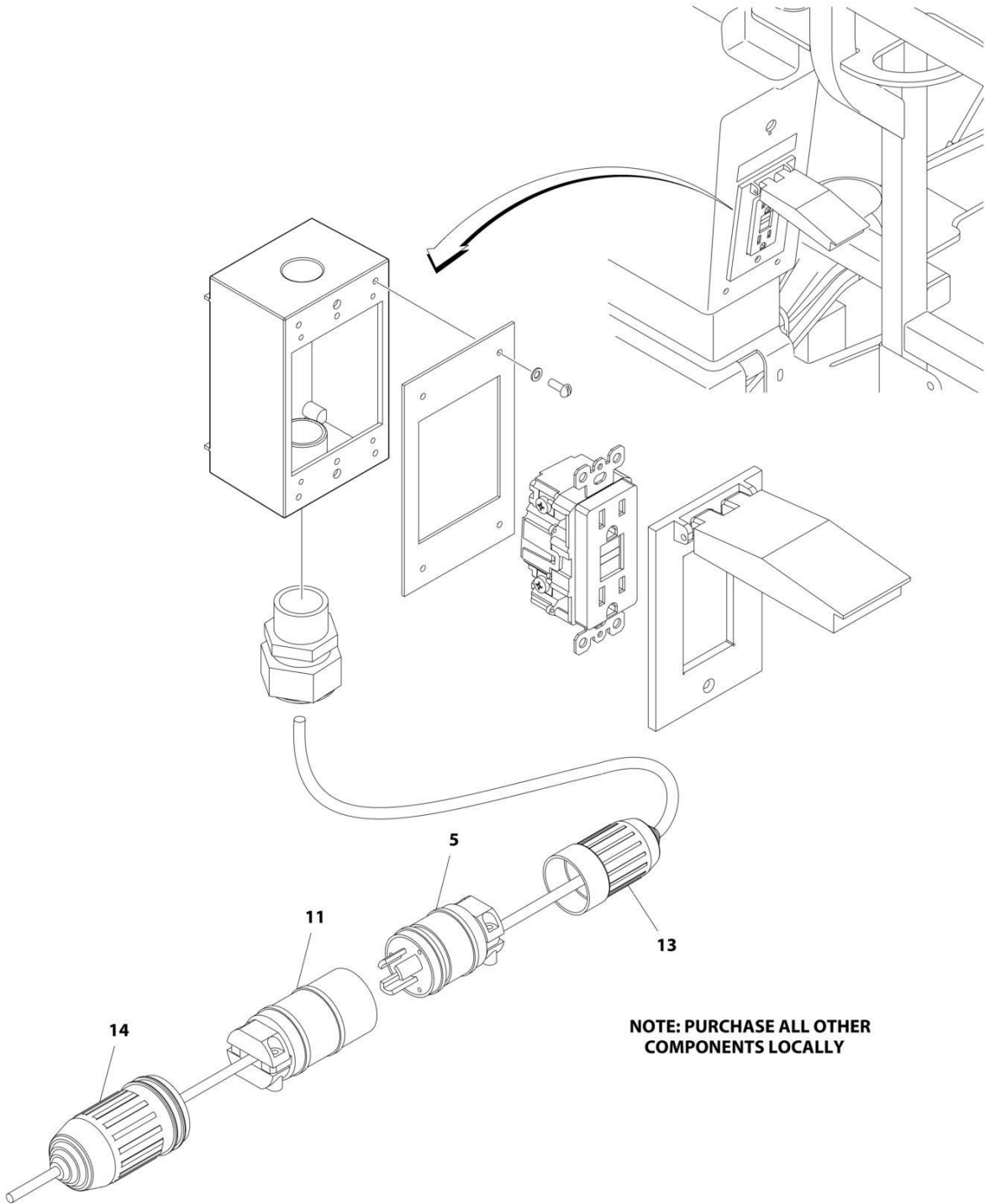
FIGURE 7-9. HYDRAULIC DIAGRAM - TOW

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202441	Ref	TOW HYDRAULIC DIAGRAM	C
59	2753451	2	Hose	
72	2221052	AR	Fitting, Tee ORB-FL-FL	
74	2753327	2	Hose	
77	2220240	1	Fitting, Plug ORB	

SECTION 8 - ELECTRICAL

SECTION 8 - ELECTRICAL

FIGURE 8-1. AC BOX AT PLATFORM - LOCALLY SUPPLIED COMPONENTS



NOTE: PURCHASE ALL OTHER
COMPONENTS LOCALLY

ART_0258304

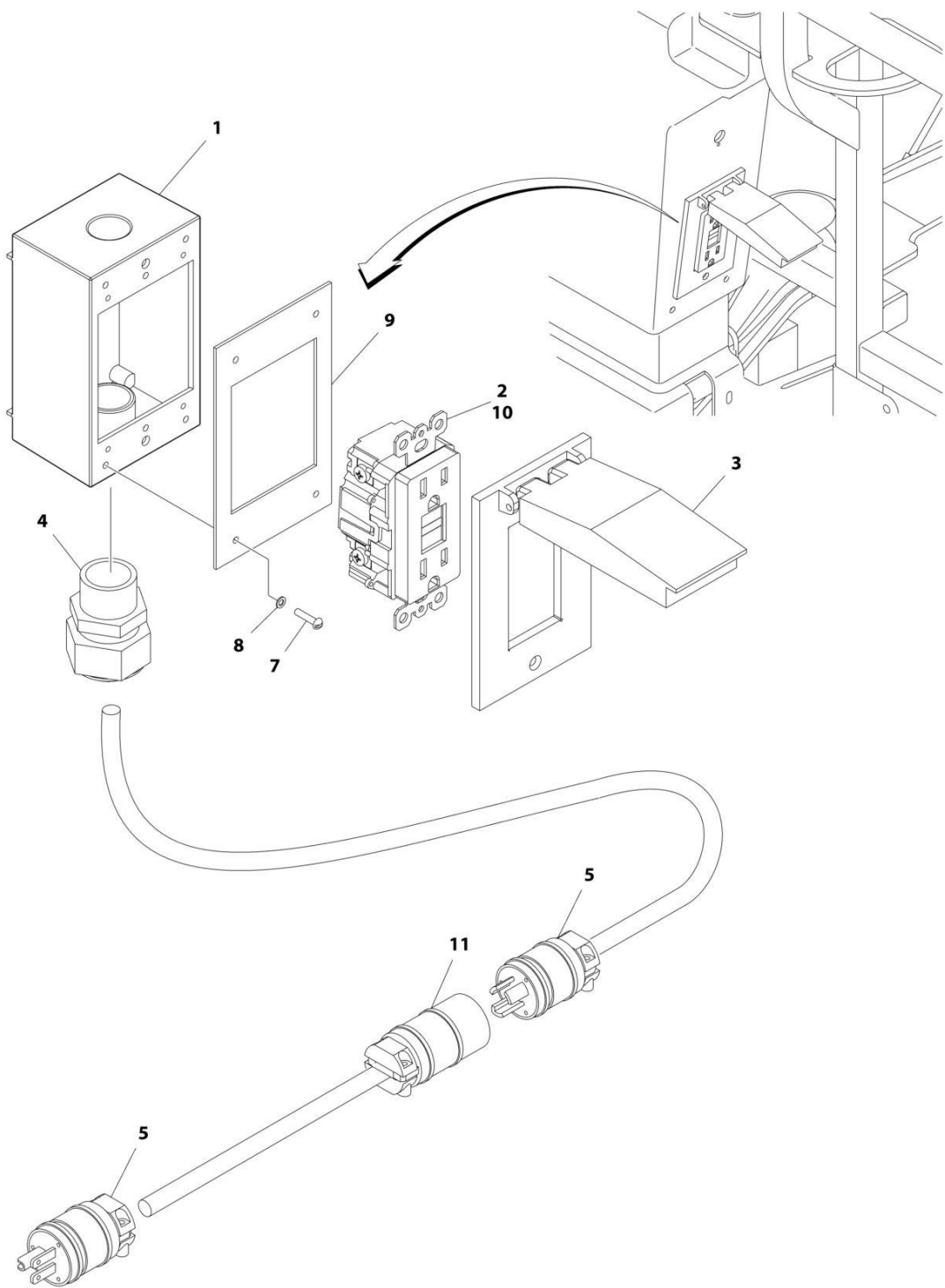
SECTION 8 - ELECTRICAL

FIGURE 8-1. AC BOX AT PLATFORM - LOCALLY SUPPLIED COMPONENTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0258304	Ref	AC BOX AT PLATFORM - LOCALLY SUPPLIED COMPONENTS	C
5	4460709	1	Plug	
11	4460710	1	Receptacle	
13	1001156351	1	Cover, Female Connector	
14	1001156352	1	Cover, Male Connector	

SECTION 8 - ELECTRICAL

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



ART_0258303

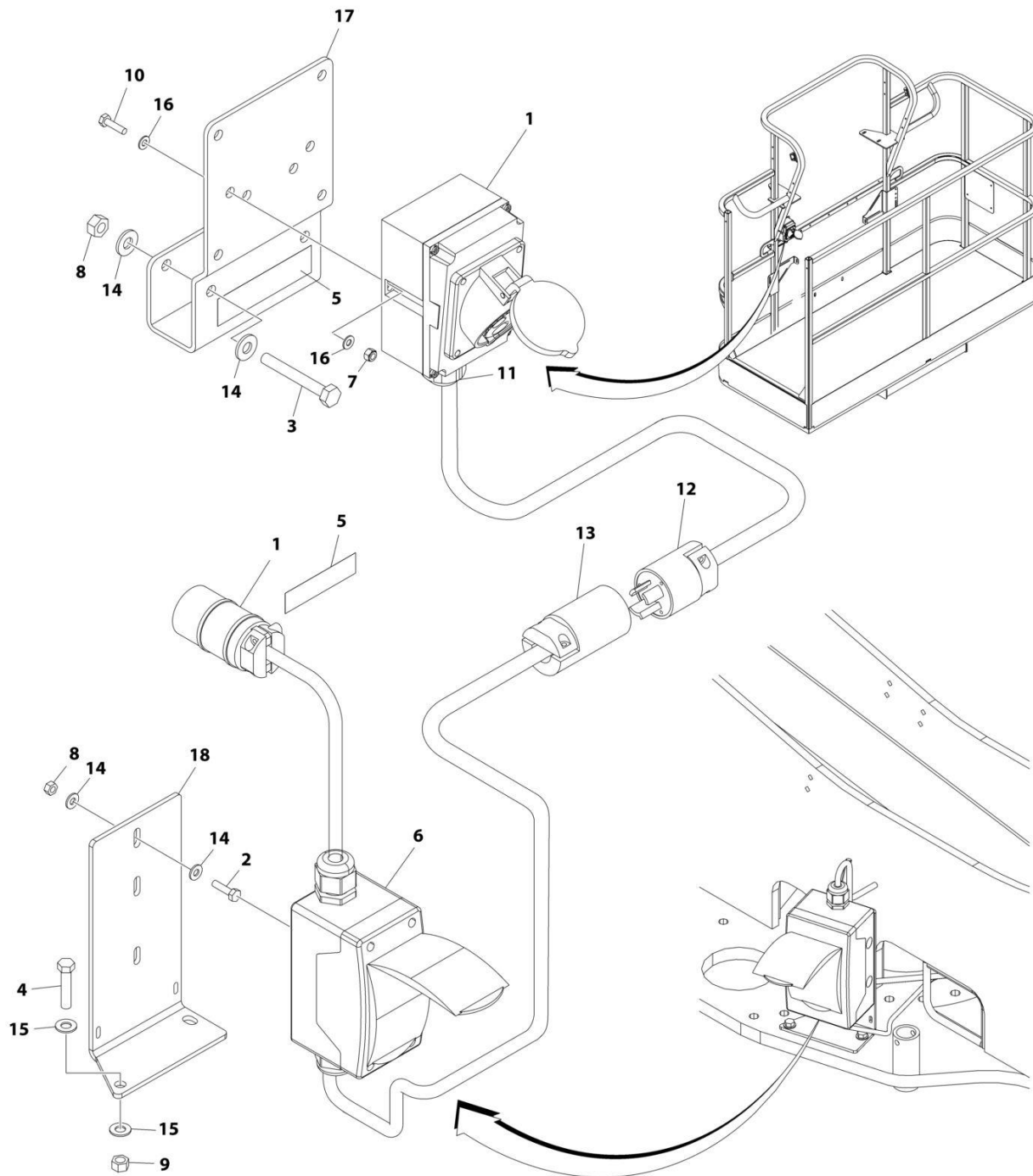
SECTION 8 - ELECTRICAL

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0258303	Ref	AC BOX AT PLATFORM INSTALLATION - 110V - ANSI, ANSI EXPORT AND CSA SPECS	6
1	0860038	1	Box, Switch	
2	4460346	1	Receptacle	
3	1001110873	1	Shield, Cover	
4	4460071	1	Connector, Strain Relief	
5	4460205	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	4460134	1	Receptacle, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-3. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE SPEC)



ART_1001221189

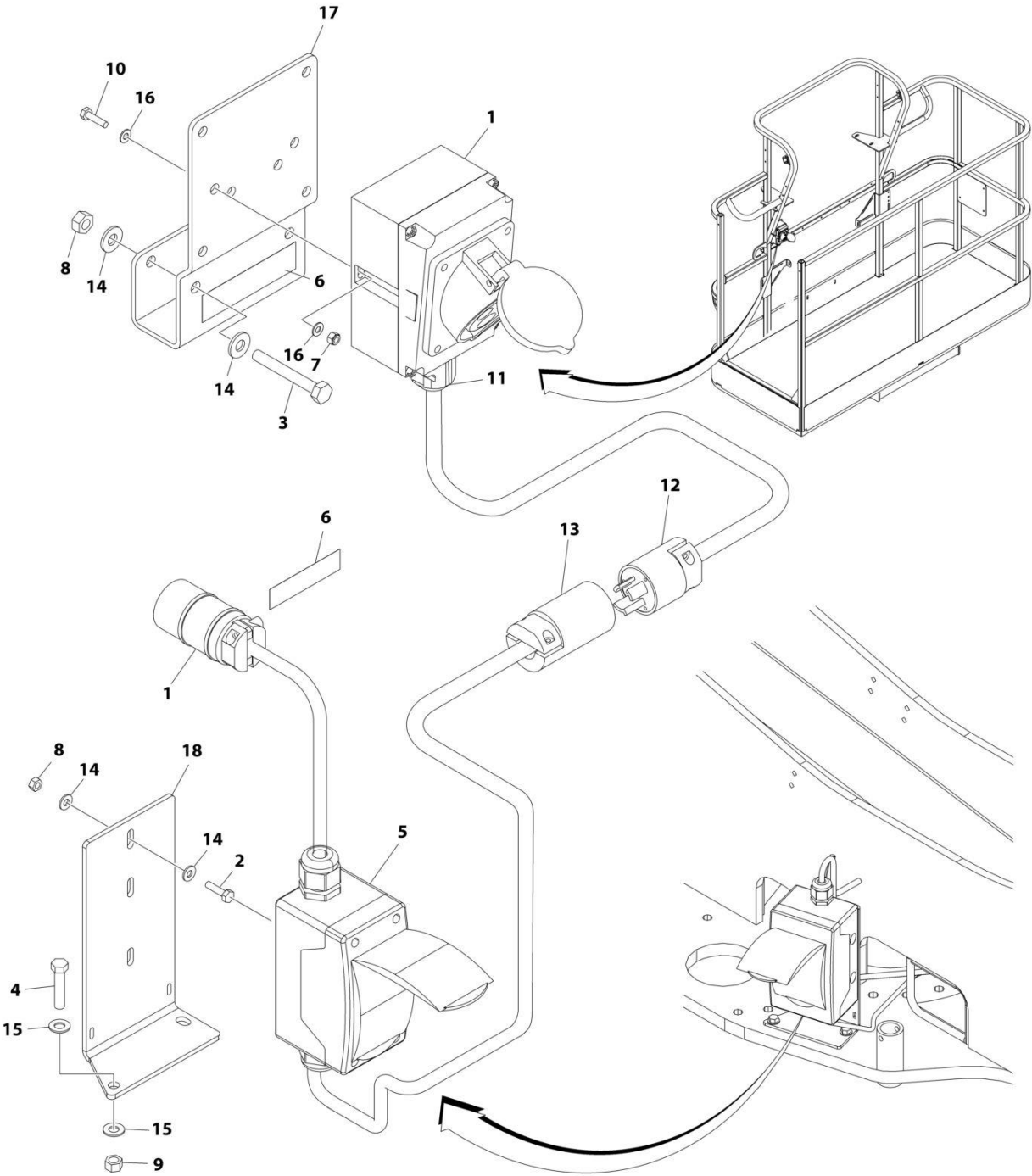
SECTION 8 - ELECTRICAL

FIGURE 8-3. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221189	Ref	AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE & UK CA SPEC)	A
1	0275216	1	Receptacle Box Kit (See Separate Breakdown in this Section)	
2	0641408	2	Bolt 1/4 x 1	
3	0641416	2	Bolt 1/4 x 2	
4	0641614	2	Bolt 3/8 x 1-3/4	
5	1705325	2	Decal - 120V-50Hz	
6	2902549	1	Breaker Box Kit - CE & UK CA Spec (See Separate Breakdown in this Section)	
7	3290405	2	Nut M4	
8	3311405	4	Nut 1/4	
9	3311605	2	Nut 3/8	
10	4010408	2	Screw M4 x 16	
11	4460662	1	Connector, Strain Relief	
12	4460709	1	Plug, Male	
13	4460710	1	Receptacle, Female	
14	4711400	8	Washer 1/4	
15	4711600	4	Washer 3/8	
16	4811400	4	Washer M4	
17	1001193018	1	Bracket	
18	1001221130	1	Bracket	

SECTION 8 - ELECTRICAL

FIGURE 8-4. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE SPEC)



ART_1001221190

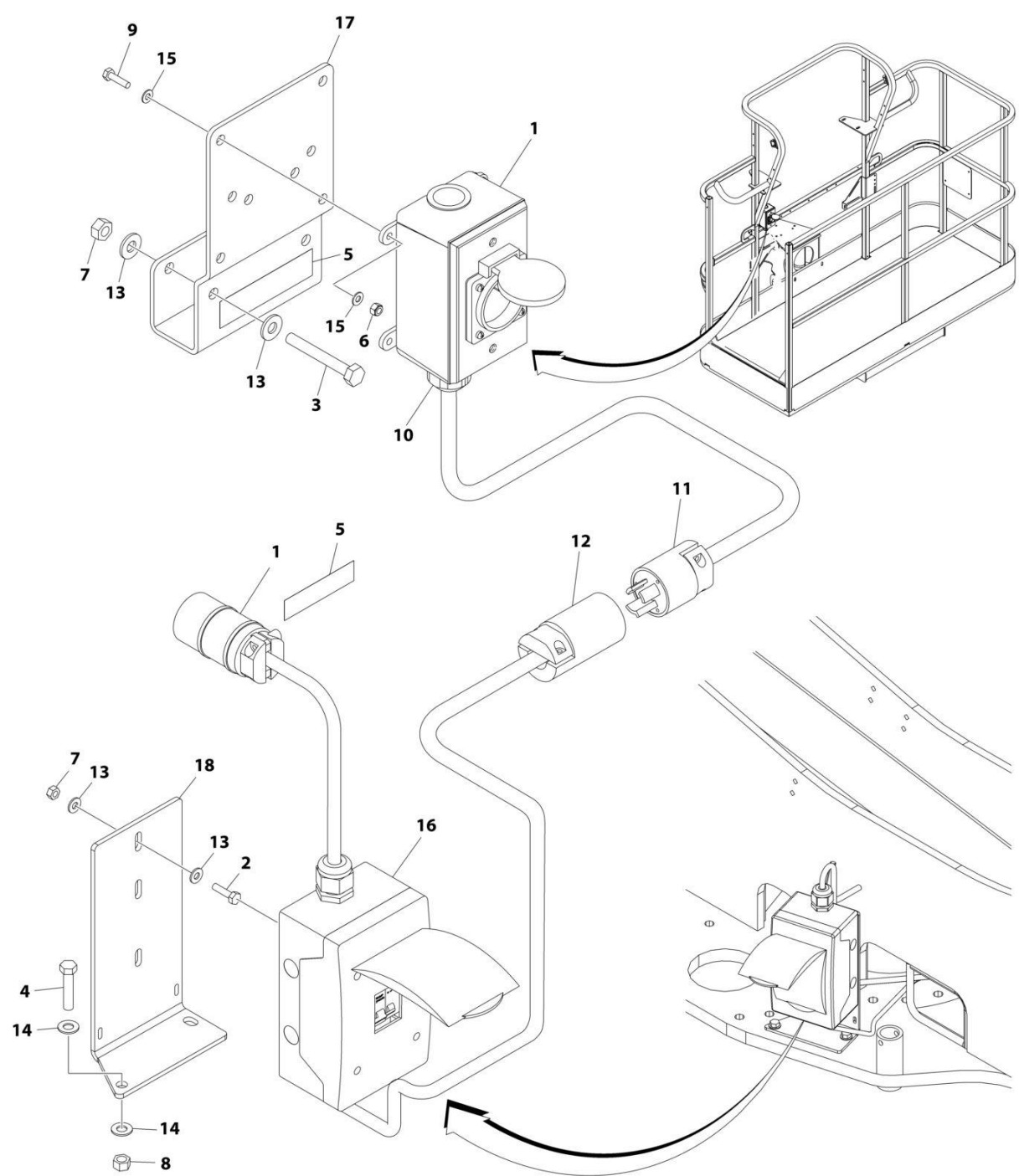
SECTION 8 - ELECTRICAL

FIGURE 8-4. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221190	Ref	AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE & UK CA SPEC)	A
1	0275217	1	Receptacle Box Kit (See Separate Breakdown in this Section)	
2	0641408	2	Bolt 1/4 x 1	
3	0641416	2	Bolt 1/4 x 2	
4	0641614	2	Bolt 3/8 x 1-3/4	
5	2902549	1	Breaker Box Kit (See Separate Breakdown in this Section)	
6	3252507	2	Decal - 220V-50Hz	
7	3290405	2	Nut M4	
8	3311405	4	Nut 1/4	
9	3311605	2	Nut 3/8	
10	4010408	2	Screw M4 x 16	
11	4460662	1	Connector, Strain Relief	
12	4460709	1	Plug, Male	
13	4460710	1	Receptacle, Female	
14	4711400	8	Washer 1/4	
15	4711600	4	Washer 3/8	
16	4811400	4	Washer M4	
17	1001193018	1	Bracket	
18	1001221130	1	Bracket	

SECTION 8 - ELECTRICAL

FIGURE 8-5. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND WITH 2IN X 4IN BOX (CE SPEC)



ART_1001221185

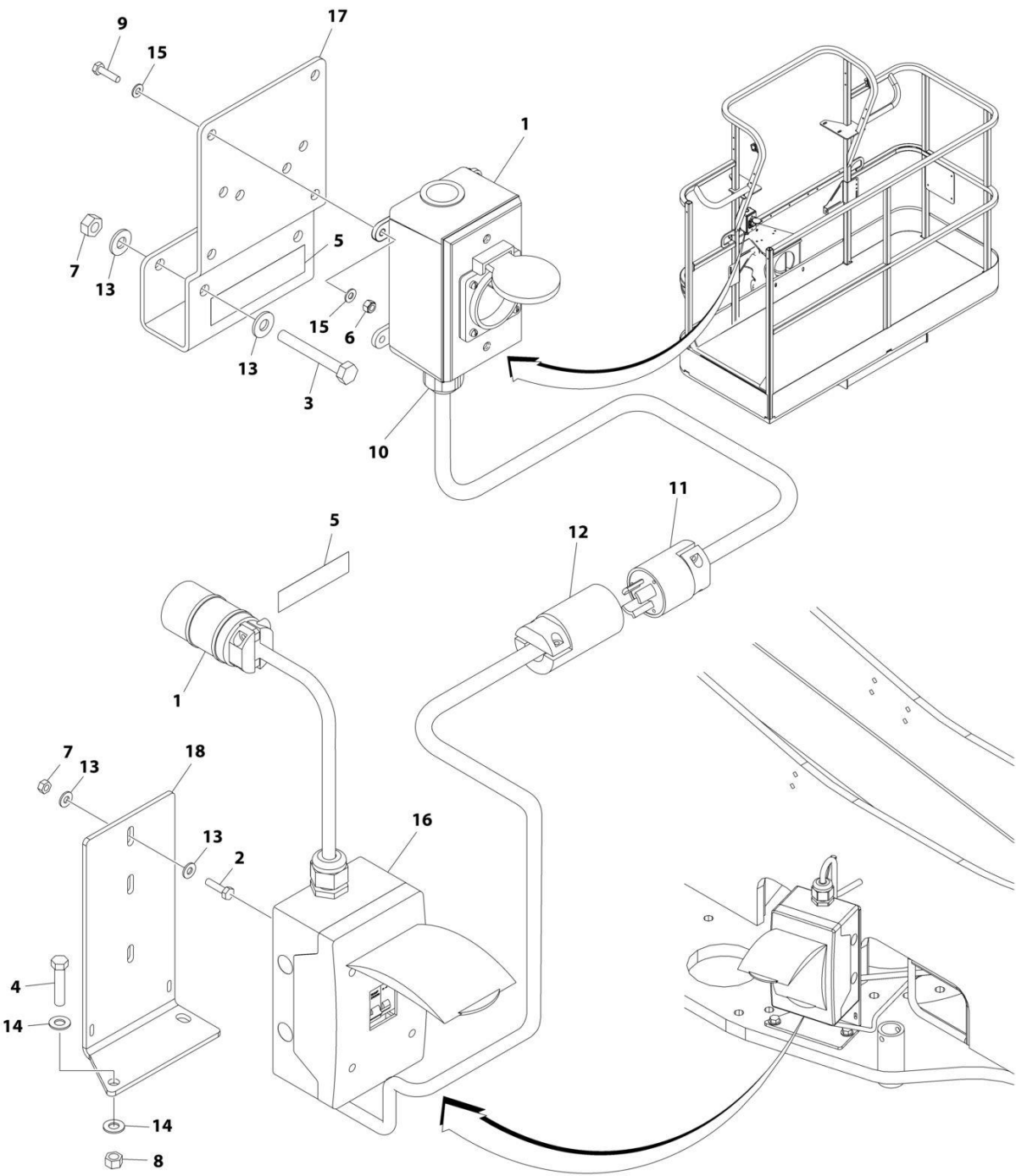
SECTION 8 - ELECTRICAL

FIGURE 8-5. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND WITH 2IN X 4IN BOX (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221185	Ref	AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND WITH 2IN X 4IN BOX (CE & UK CA SPEC)	A
1	0275452	1	Receptacle Box Kit (See Separate Breakdown in this Section)	
2	0641408	2	Bolt 1/4 x 1	
3	0641416	2	Bolt 1/4 x 2	
4	0641614	2	Bolt 3/8 x 1-3/4	
5	3252507	2	Decal - Voltage	
6	3290405	4	Nut M4	
7	3311405	4	Nut 1/4	
8	3311605	2	Nut 3/8	
9	4010408	4	Screw M4 x 16	
10	4460662	1	Connector, Strain Relief	
11	4460709	1	Plug, Male	
12	4460710	1	Receptacle, Female	
13	4711400	8	Washer 1/4	
14	4711600	4	Washer 3/8	
15	4811400	8	Washer M4	
16	1001152486	1	Breaker Box Kit (See Separate Breakdown in this Section)	
17	1001193018	1	Bracket	
18	1001221130	1	Bracket	

SECTION 8 - ELECTRICAL

FIGURE 8-6. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND WITH 2IN X 4IN BOX (CE SPEC)



ART_1001221187

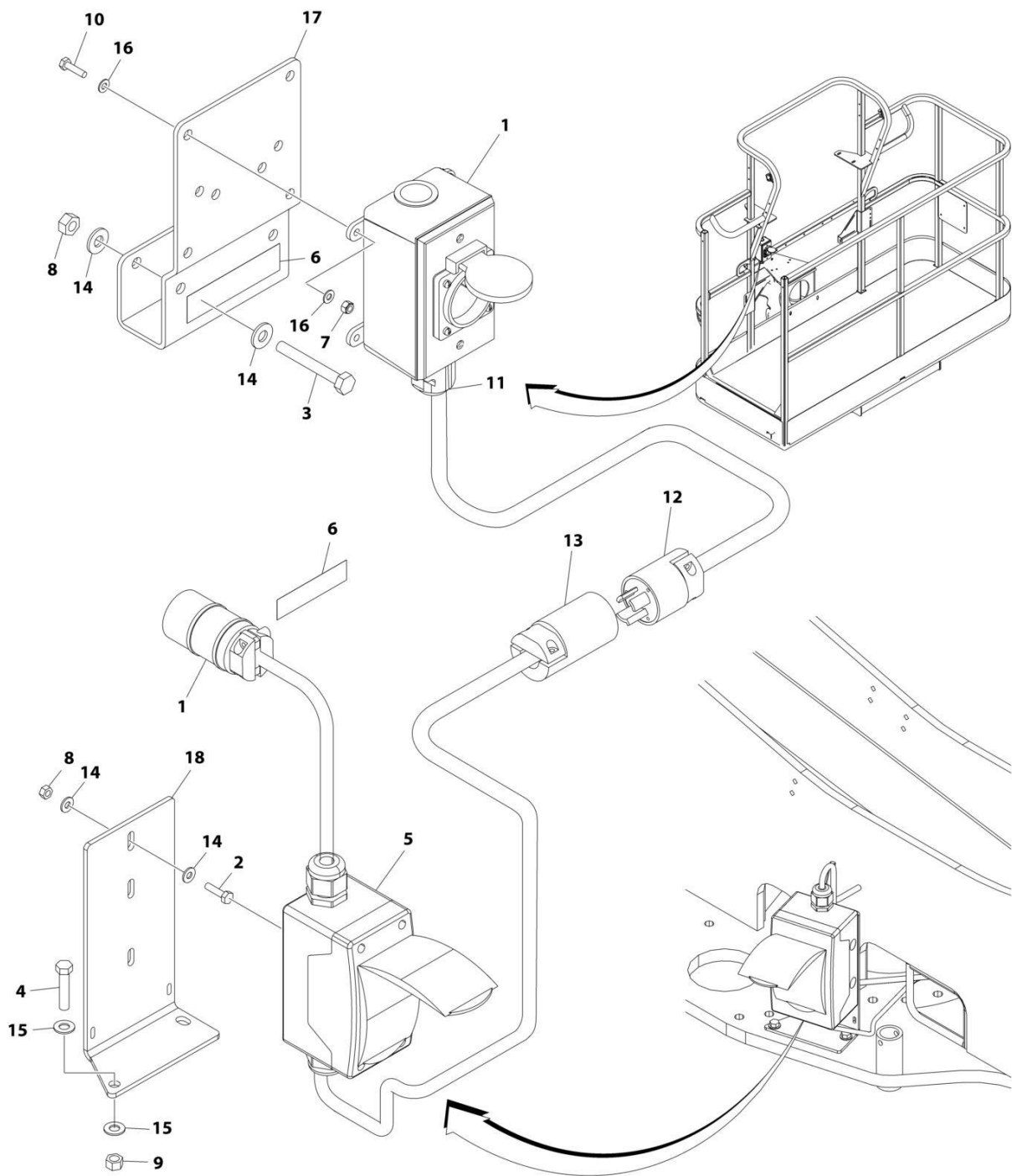
SECTION 8 - ELECTRICAL

FIGURE 8-6. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND WITH 2IN X 4IN BOX (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221187	Ref	AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND WITH 2IN X 4IN BOX (CE & UK CA SPEC) (SN 0300223839 to Present)	A
1	0275453	1	Receptacle Box Kit (See Separate Breakdown in this Section)	
2	0641408	2	Bolt 1/4 x 1	
3	0641416	2	Bolt 1/4 x 2	
4	0641614	2	Bolt 3/8 x 1-3/4	
5	3252507	2	Decal - Voltage	
6	3290405	4	Nut M4	
7	3311405	4	Nut 1/4	
8	3311605	2	Nut 3/8	
9	4010408	4	Screw M4 x 16	
10	4460662	1	Connector, Strain Relief	
11	4460709	1	Plug, Male	
12	4460710	1	Receptacle, Female	
13	4711400	8	Washer 1/4	
14	4711600	4	Washer 3/8	
15	4811400	8	Washer M4	
16	1001152486	1	Breaker Box Kit (See Separate Breakdown in this Section)	
17	1001193018	1	Bracket	
18	1001221130	1	Bracket	

SECTION 8 - ELECTRICAL

FIGURE 8-7. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 KEYED GROUND WITH 2IN X 4IN BOX



ART_1001221188

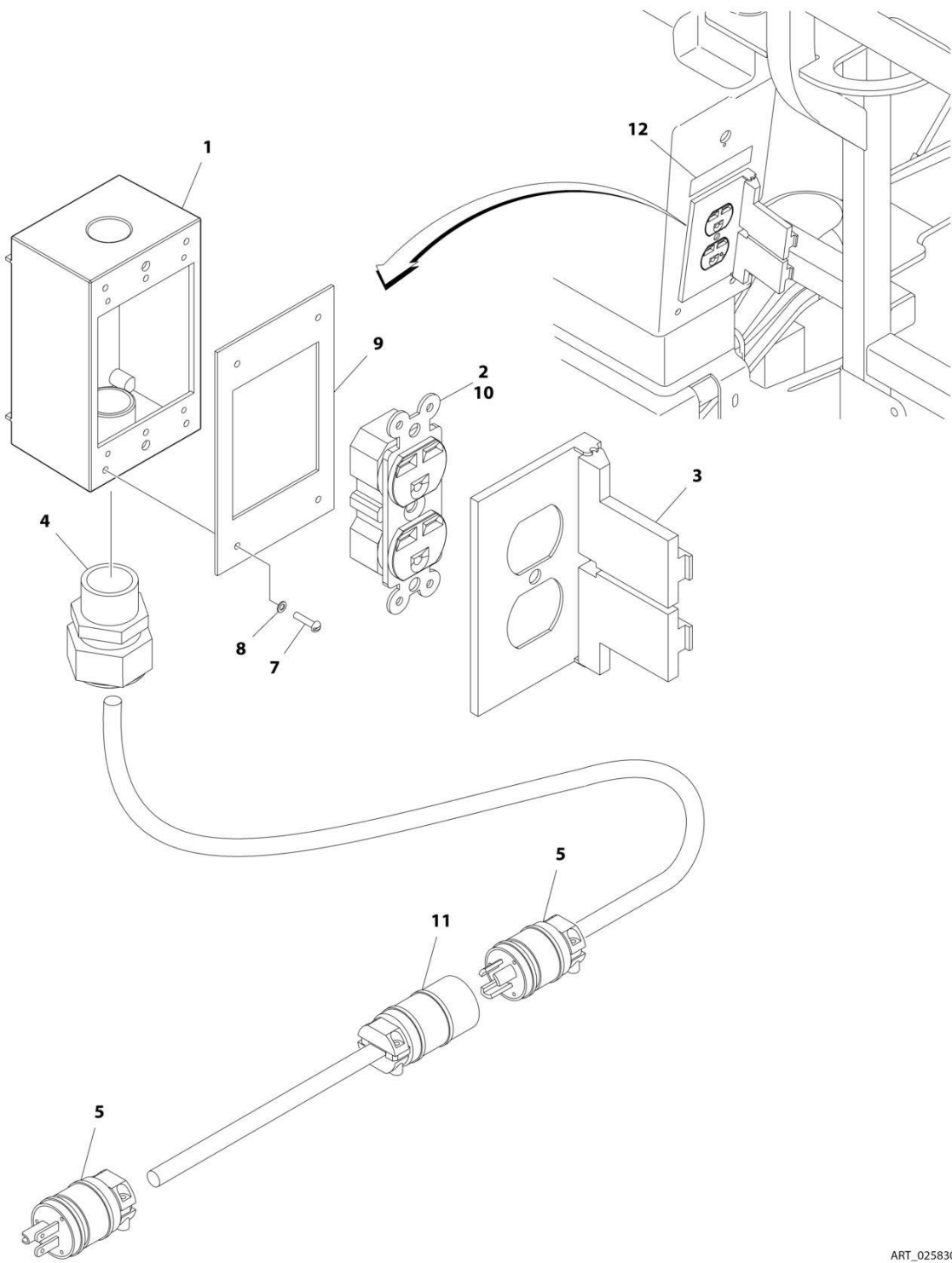
SECTION 8 - ELECTRICAL

FIGURE 8-7. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 KEYED GROUND WITH 2IN X 4IN BOX

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221188	Ref	AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 KEYED GROUND WITH 2IN X 4IN BOX (CE & UK CA SPEC) (SN 0300223839 to Present)	A
1	0275454	1	Receptacle Box Kit (See Separate Breakdown in this Section)	
2	0641408	2	Bolt 1/4 x 1	
3	0641416	2	Bolt 1/4 x 2	
4	0641614	2	Bolt 3/8 x 1-3/4	
5	2902549	1	Breaker Box Kit (See Separate Breakdown in this Section)	
6	3252507	2	Decal - Voltage	
7	3290405	4	Nut M4	
8	3311405	4	Nut 1/4	
9	3311605	2	Nut 3/8	
10	4010408	4	Screw M4 x 16	
11	4460662	1	Connector, Strain Relief	
12	4460709	1	Plug, Male	
13	4460710	1	Receptacle, Female	
14	4711400	8	Washer 1/4	
15	4711600	4	Washer 3/8	
16	4811400	8	Washer M4	
17	1001193018	1	Bracket	
18	1001221130	1	Bracket	

SECTION 8 - ELECTRICAL

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



ART_0258305

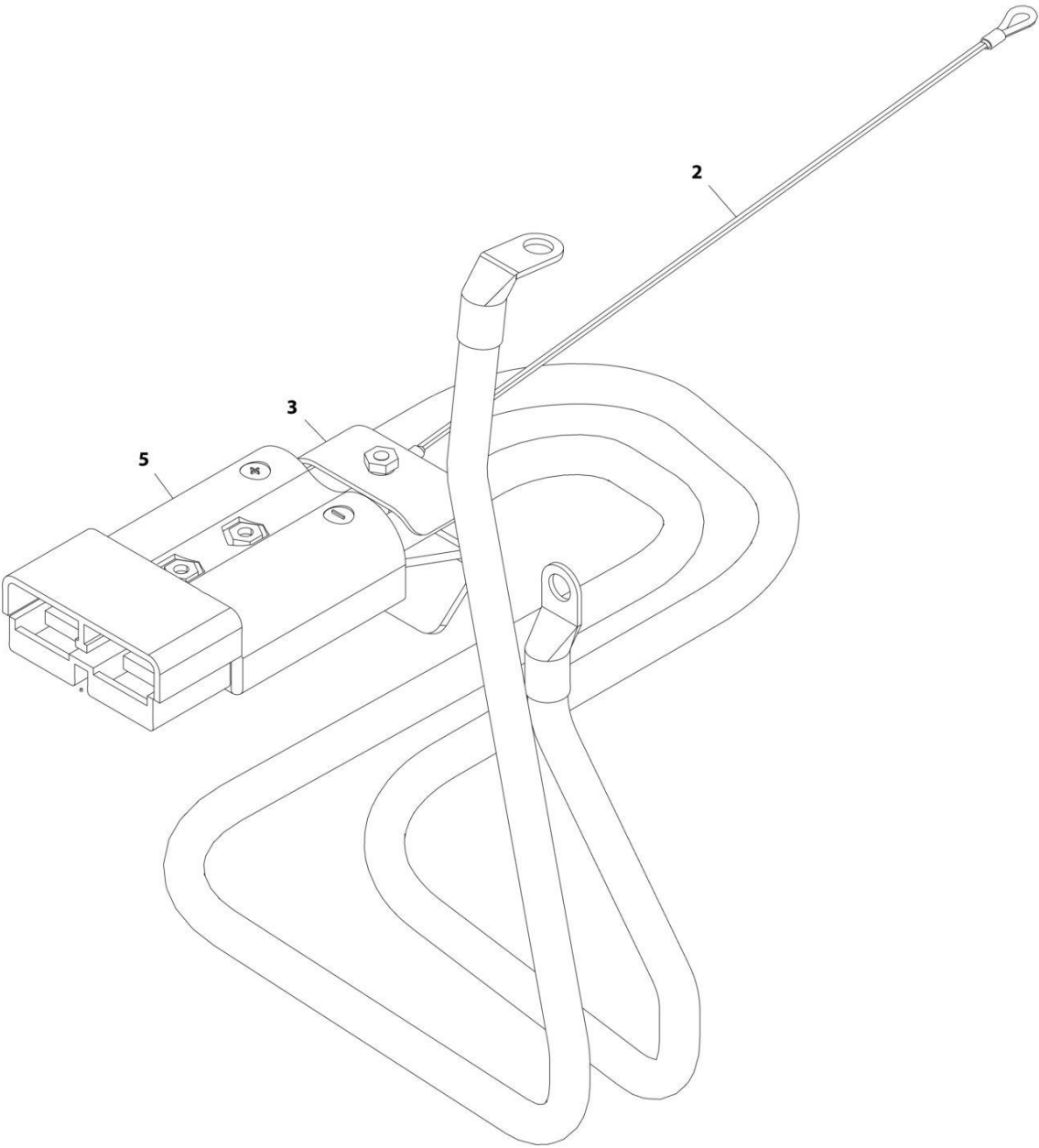
SECTION 8 - ELECTRICAL

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0258305	Ref	AC BOX AT PLATFORM INSTALLATION - 220V - ANSI, ANSI EXPORT AND CSA SPECS	B
1	0860038	1	Box, Switch	
2	4460125	1	Receptacle	
3	4060092	1	Shield	
4	4460071	1	Connector, Strain Relief	
5	4460233	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	4460701	1	Receptacle, Female	
12	3252507	1	Decal - Voltage	

SECTION 8 - ELECTRICAL

FIGURE 8-9. BATTERY BOX CABLE ASSEMBLY (RH SIDE BOX) (STANDARD BATTERIES)



ART_1060803

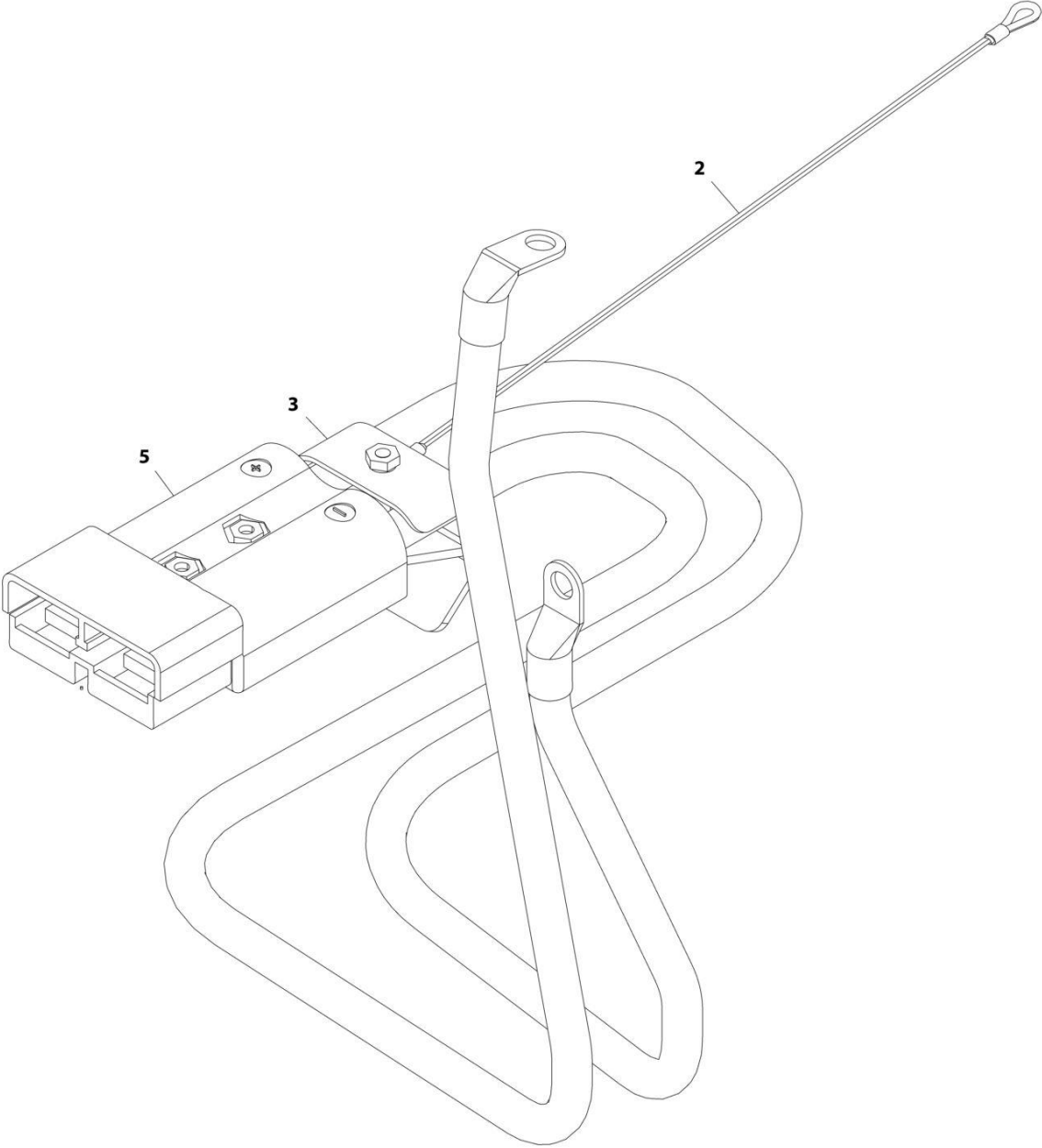
SECTION 8 - ELECTRICAL

FIGURE 8-9. BATTERY BOX CABLE ASSEMBLY (RH SIDE BOX) (STANDARD BATTERIES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1060803	Ref	BATTERY BOX CABLE ASSEMBLY (RH SIDE BOX) (STANDARD BATTERIES)	D
2	1060799	1	Lanyard	
3	1320172	1	Handle, Pull	
5	4460025	1	Connector	

SECTION 8 - ELECTRICAL

FIGURE 8-10. BATTERY BOX CABLE ASSEMBLY (LH SIDE BOX) (STANDARD BATTERIES)



ART_1001194037

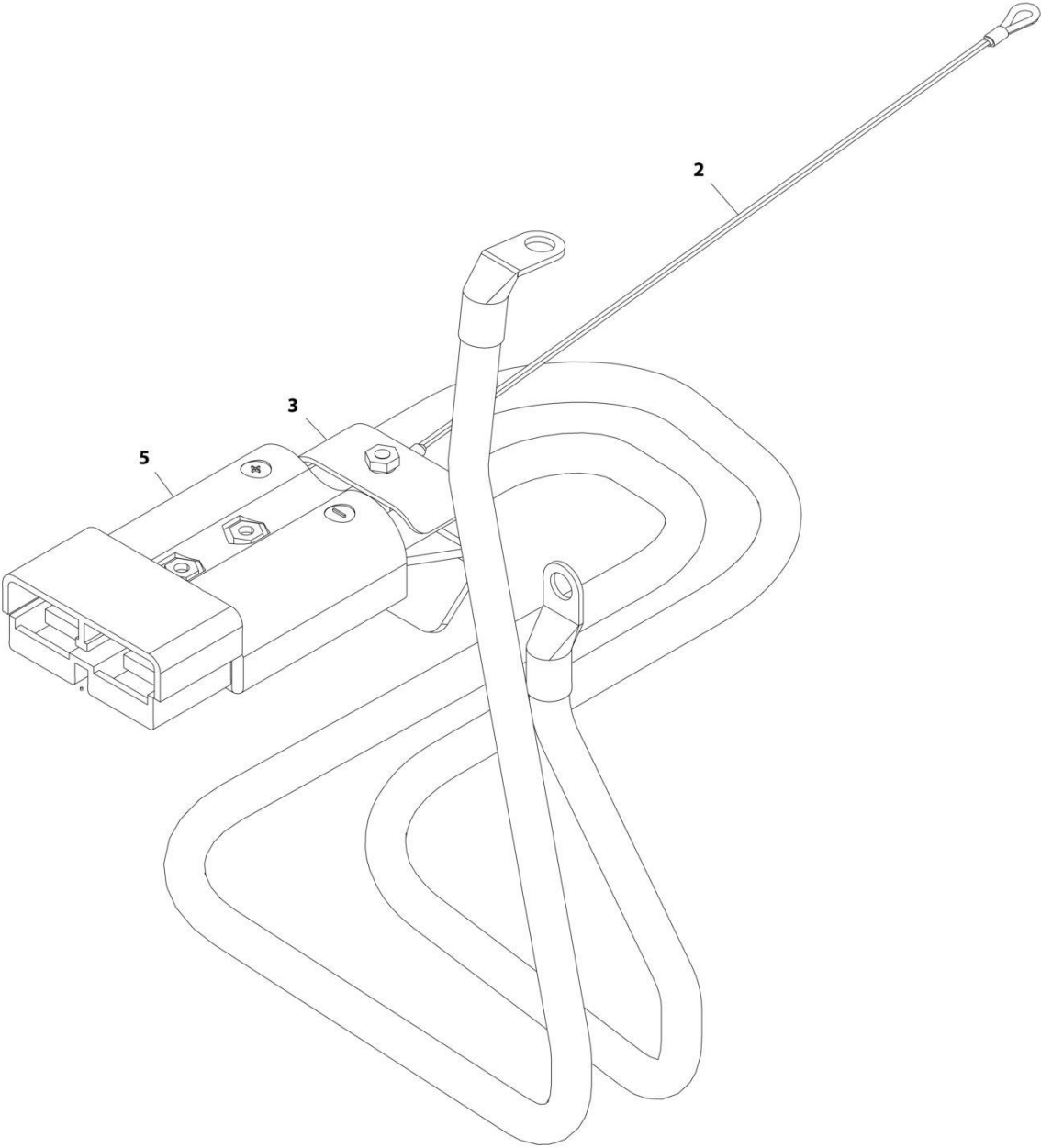
SECTION 8 - ELECTRICAL

FIGURE 8-10. BATTERY BOX CABLE ASSEMBLY (LH SIDE BOX) (STANDARD BATTERIES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194037	Ref	BATTERY BOX CABLE ASSEMBLY (LH SIDE BOX) (STANDARD BATTERIES)	B
2	1060799	1	Lanyard	
3	1320172	1	Handle, Pull	
5	4460025	1	Connector	

SECTION 8 - ELECTRICAL

FIGURE 8-11. BATTERY BOX CABLE ASSEMBLY (AGM BATTERIES)



ART_1001228857

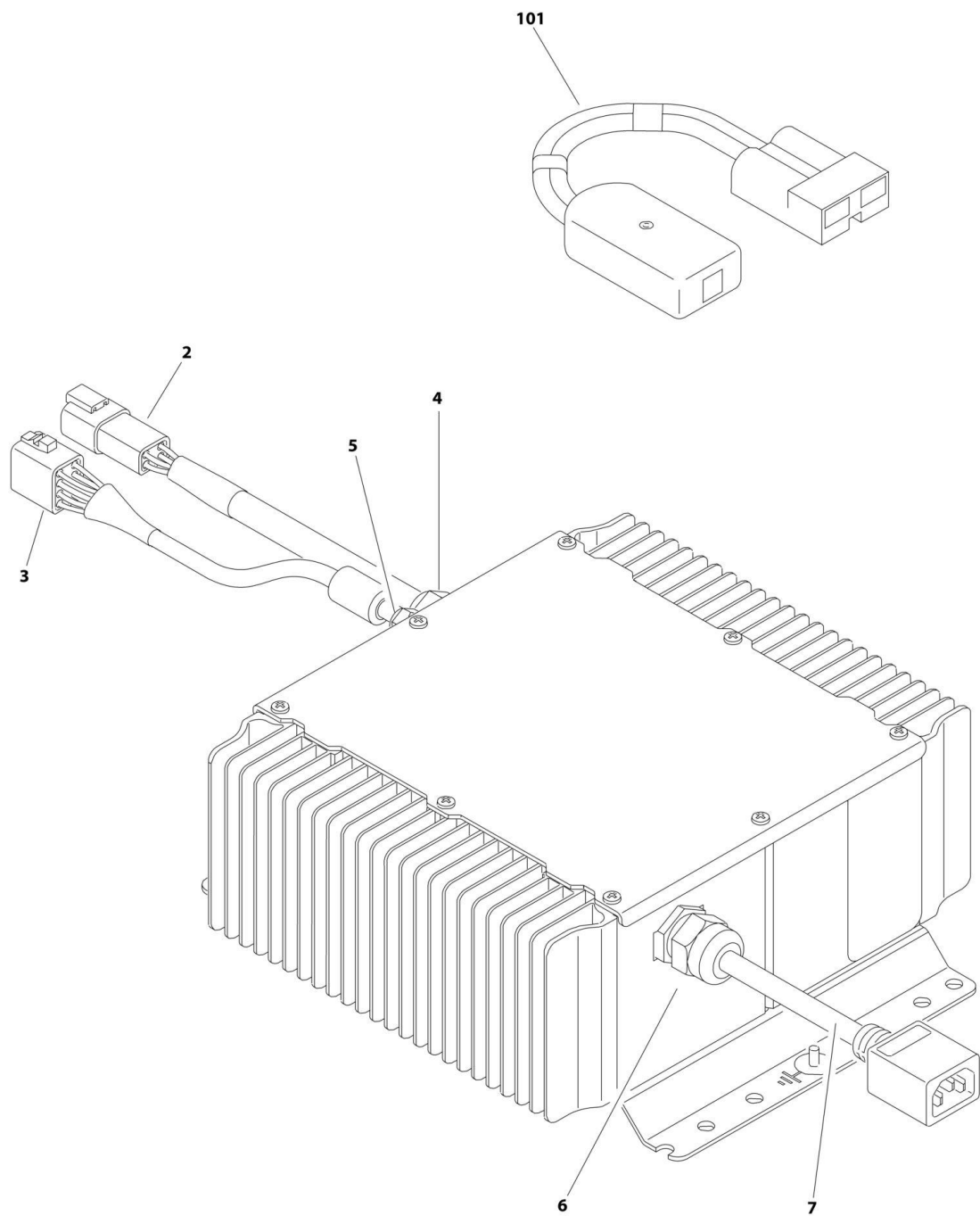
SECTION 8 - ELECTRICAL

FIGURE 8-11. BATTERY BOX CABLE ASSEMBLY (AGM BATTERIES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228857	Ref	BATTERY BOX CABLE ASSEMBLY (AGM BATTERIES)	A
2	1060799	1	Lanyard	
3	1320172	1	Handle, Pull	
5	4460025	1	Connector	

SECTION 8 - ELECTRICAL

FIGURE 8-12. BATTERY CHARGER ASSEMBLY



ART_1001103105

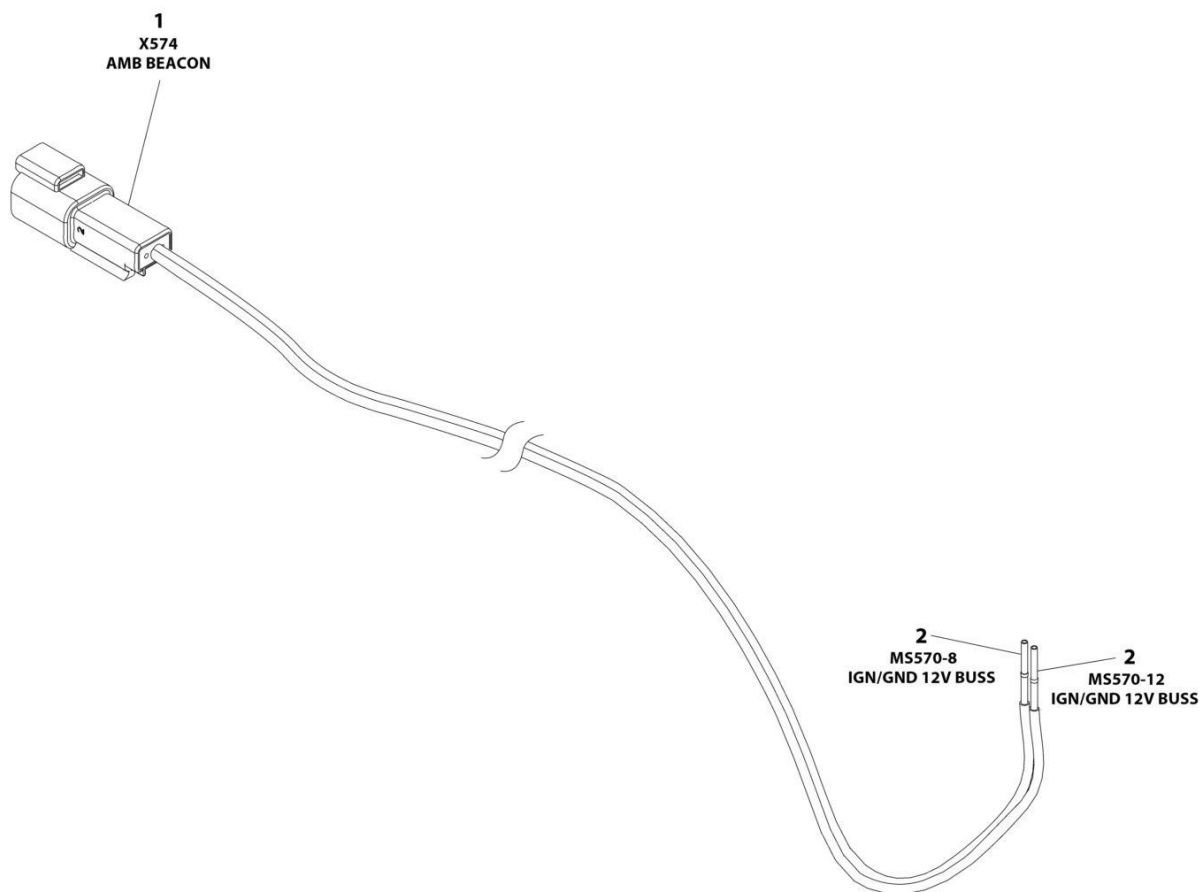
SECTION 8 - ELECTRICAL

FIGURE 8-12. BATTERY CHARGER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001103105	Ref	BATTERY CHARGER ASSEMBLY	D
2	See Note	1	Harness with Connector (Note: Not Available for Purchase)	
2	1001116811	1	Receptacle, Female - 4 Position	
2	4460508	4	Pin, Male	
3	See Note	1	Harness with Connector (Note: Not Available for Purchase)	
3	4460930	1	Plug, Male - 8 Position	
3	4460464	7	Socket, Female	
4	See Note	1	Connector, Strain Relief (Note: Not Available for Purchase)	
5	See Note	1	Connector, Strain Relief (Note: Not Available for Purchase)	
6	See Note	1	Connector, Strain Relief (Note: Not Available for Purchase)	
7	See Note	1	Harness with Connector (Note: Not Available for Purchase)	
101	1600466	NLA	Battery Charger Reprogram Controller (Use p/n 2915230)	

SECTION 8 - ELECTRICAL

FIGURE 8-13. BEACON LIGHT HARNESS (AMBER BEACON ONLY)



ART_1001198866

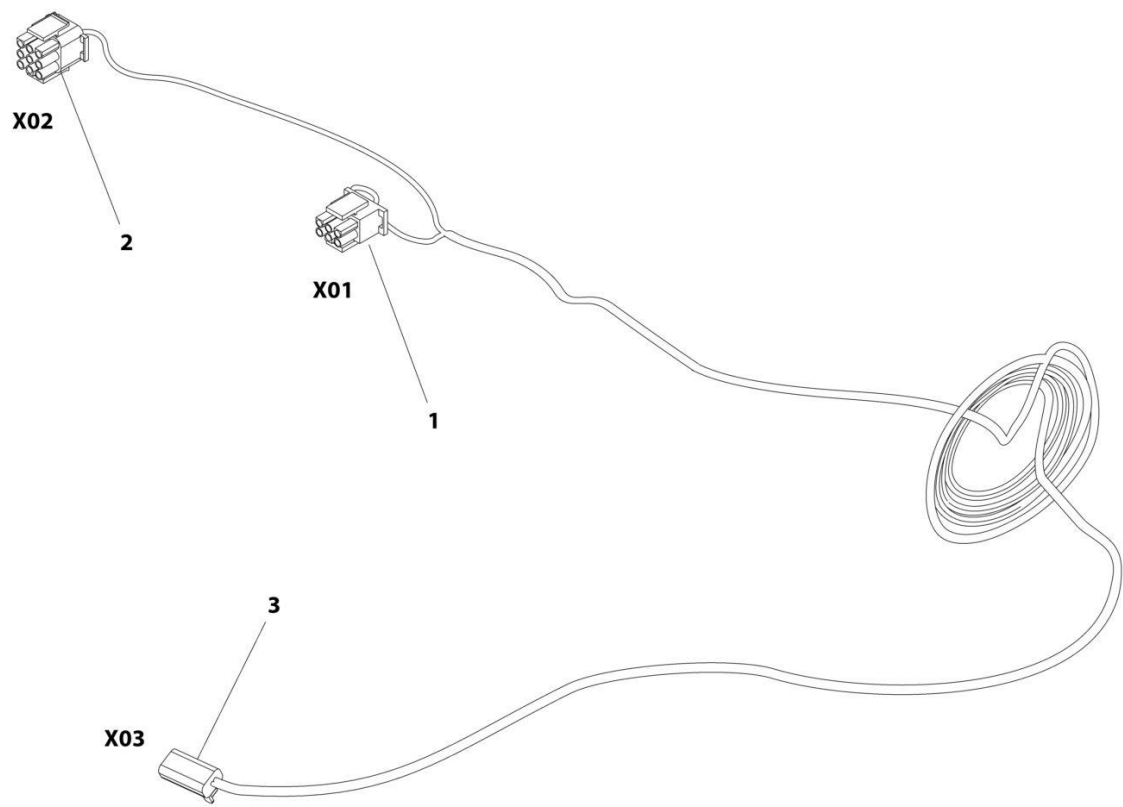
SECTION 8 - ELECTRICAL

FIGURE 8-13. BEACON LIGHT HARNESS (AMBER BEACON ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001198866	Ref	BEACON LIGHT HARNESS (AMBER BEACON ONLY)	D
1	4460897	1	Connector - 2 Position	
1	4460464	2	Socket, Female	
2	4460464	2	Socket, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-14. BEACON LIGHT HARNESS (BLUE & RED BEACON ONLY)



ART_1001149570

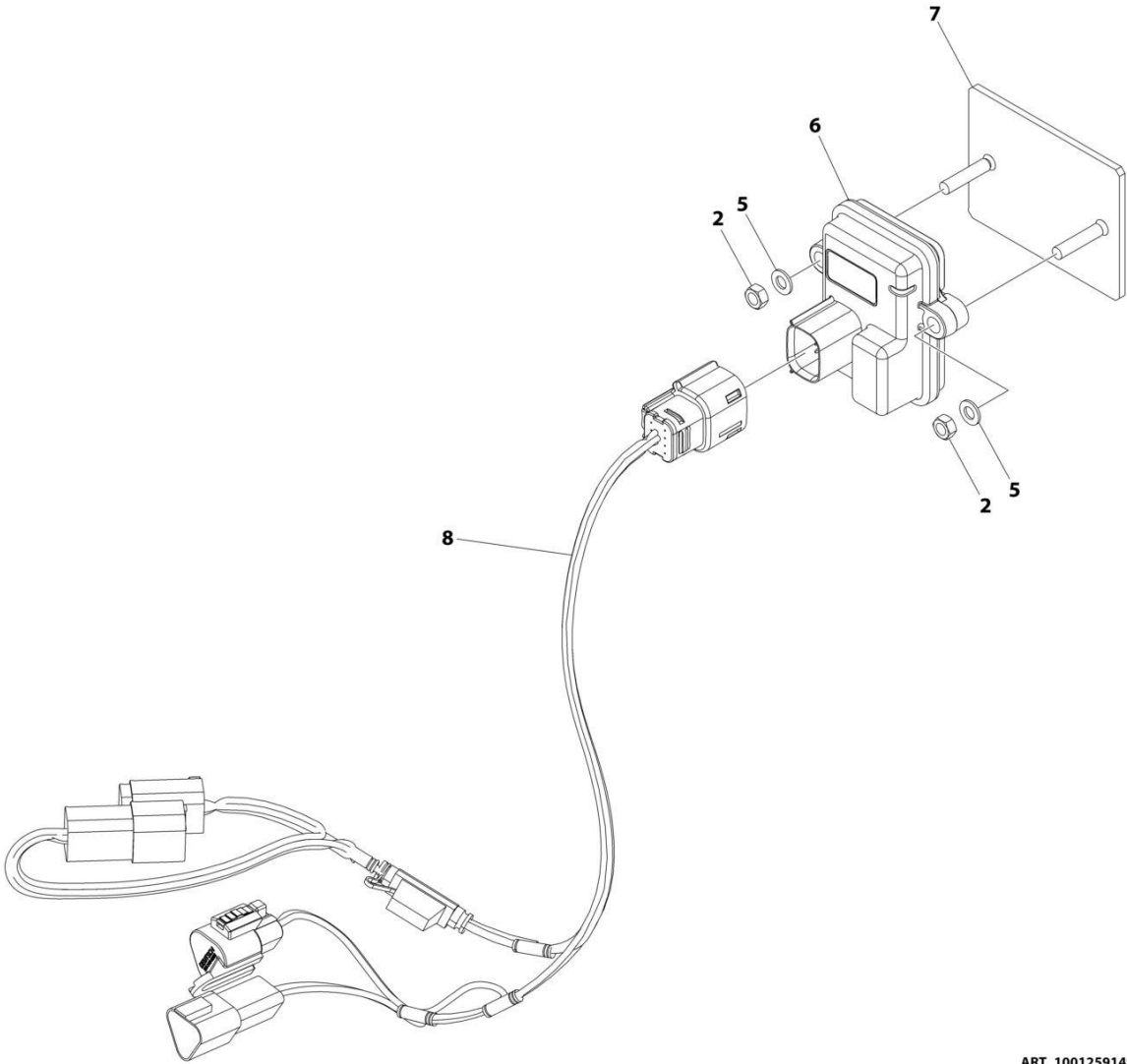
SECTION 8 - ELECTRICAL

FIGURE 8-14. BEACON LIGHT HARNESS (BLUE & RED BEACON ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001149570	Ref	BEACON LIGHT HARNESS	C
1	4460225	1	Plug, Male - 6 Position	
1	4460267	1	Pin, Male	
2	4460265	1	Plug, Male - 9 Position	
2	4460267	1	Pin, Male	
3	4460891	1	Plug, Male - 2 Position	
3	4460465	2	Socket, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-15. BLUETOOTHMODULE INSTALLATION



ART_1001259149

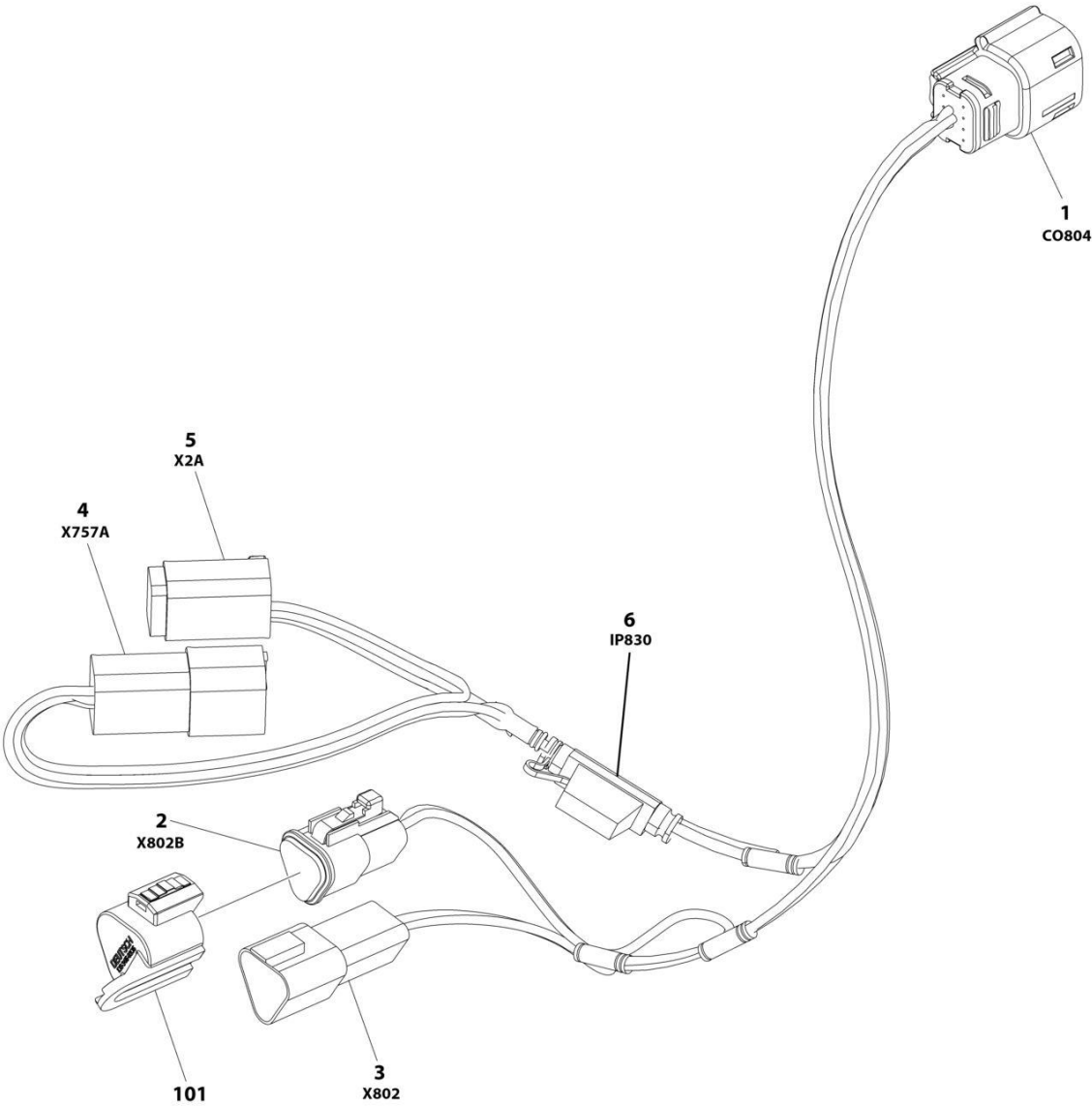
SECTION 8 - ELECTRICAL

FIGURE 8-15. BLUETOOTH MODULE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001259149	Ref	BLUETOOTH MODULE INSTALLATION	B
2	3290501	2	Nut M5	
5	4811600	2	Washer 5mm	
6	1001245293	1	Module, Bluetooth Control	
7	1001259155	1	Bracket, Module Mounting	
8	1001260414	1	Harness, Bluetooth Module (See Separate Breakdown in this Section)	

SECTION 8 - ELECTRICAL

FIGURE 8-16. BLUETOOTH MODULE HARNESS



ART_1001260414

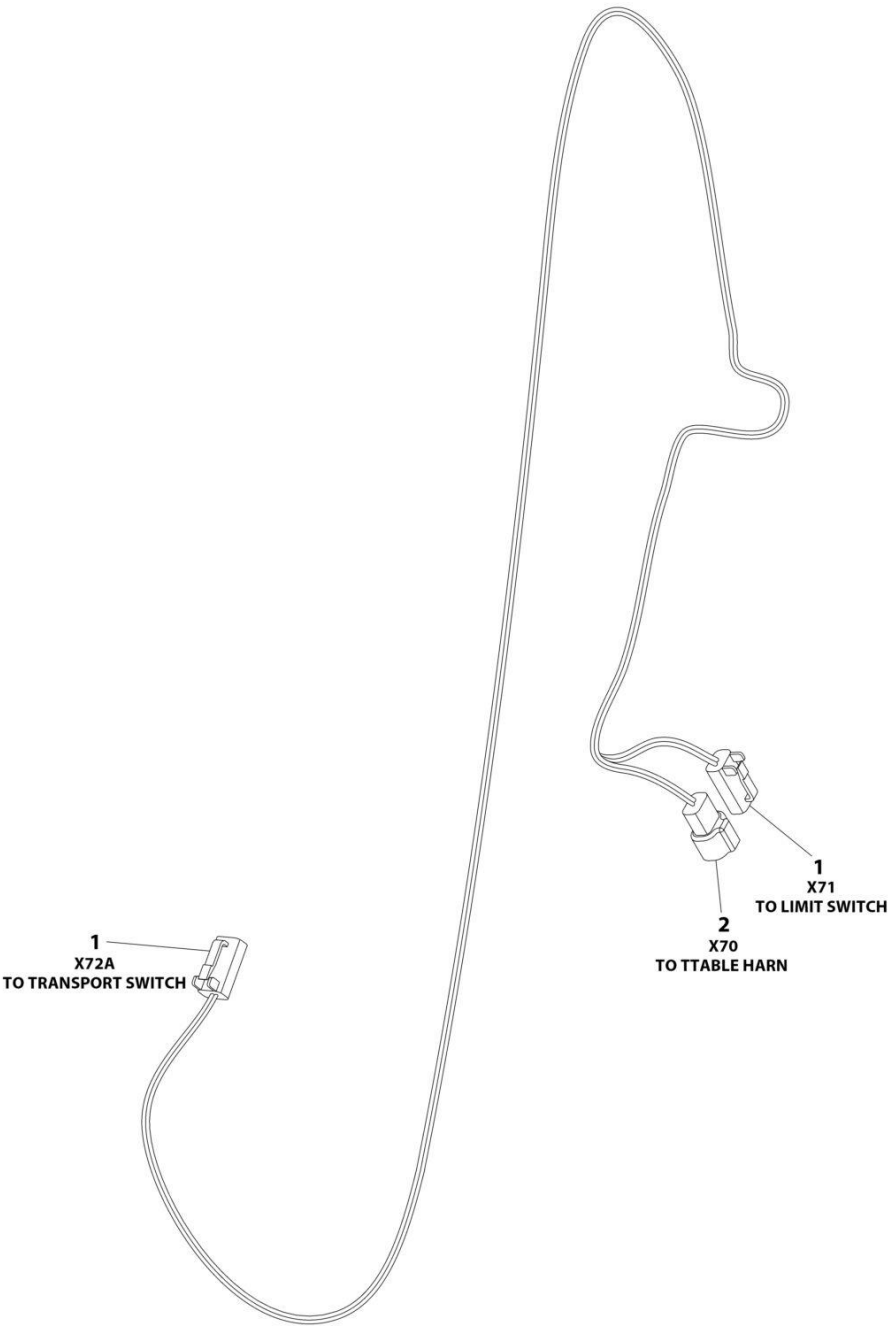
SECTION 8 - ELECTRICAL

FIGURE 8-16. BLUETOOTH MODULE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260414	Ref	BLUETOOTH MODULE HARNESS	B
1	1001205409	1	Connector	
1	1001162887	4	Terminal	
1	1001163340	4	Plug	
2	1001116812	1	Connector	
2	4460944	2	Socket	
2	4460466	1	Plug	
3	1001144147	1	Connector	
3	4460943	2	Pin	
3	4460466	1	Plug	
4	4460932	1	Connector	
4	4460464	4	Pin	
5	4460884	1	Connector	
5	4460465	4	Socket	
6	2400060	1	Fuse Holder	
6	1001196635	1	Fuse, 3 Amp	
101	1001144296	1	Dust Cap	

SECTION 8 - ELECTRICAL

FIGURE 8-17. BOOM TRANSPORT HARNESS (CE SPECS ONLY)



ART_1001201329

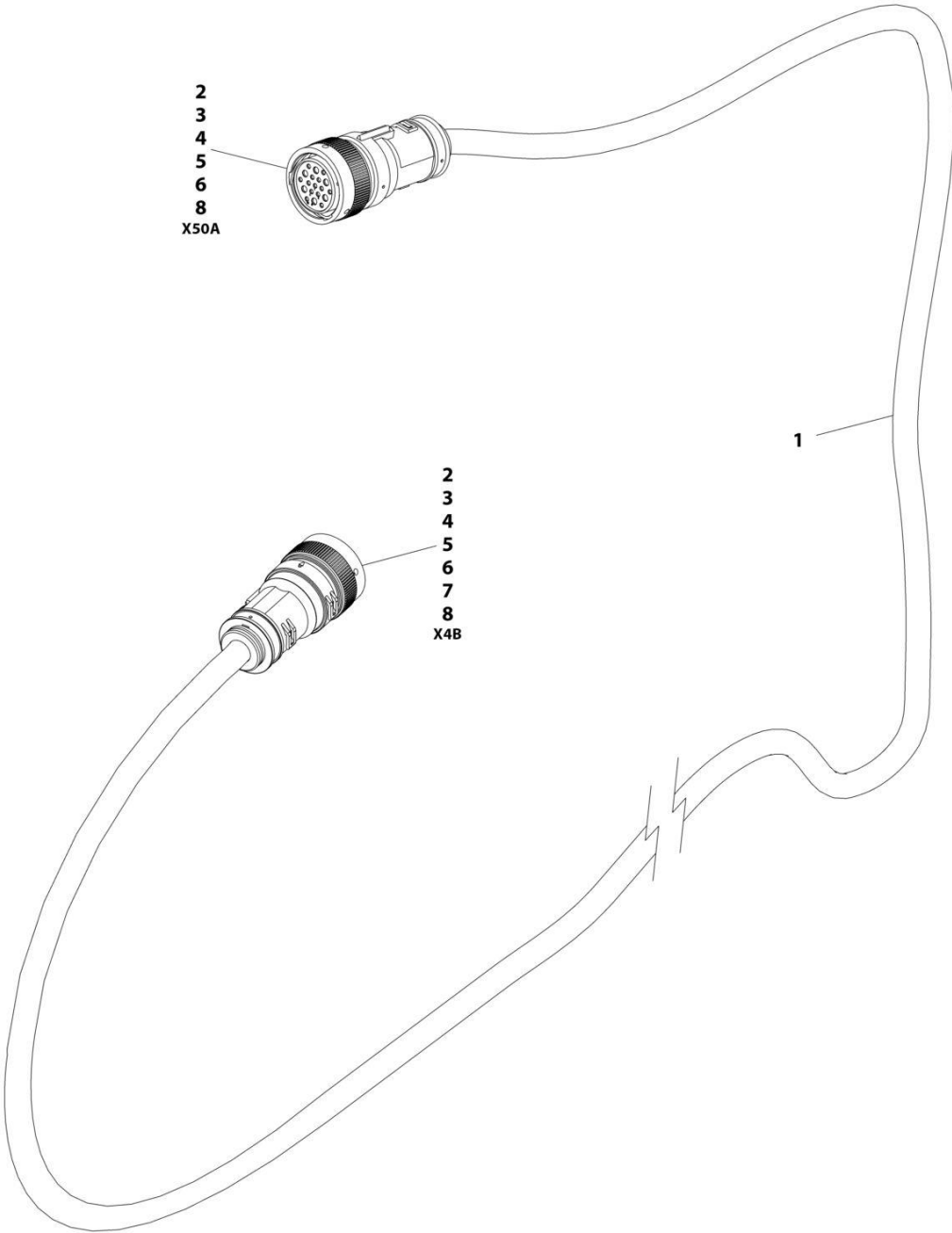
SECTION 8 - ELECTRICAL

FIGURE 8-17. BOOM TRANSPORT HARNESS (CE SPECS ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201329	Ref	BOOM TRANSPORT HARNESS	D
1	4460891	2	Connector - 2 Position	
1	4460465	4	Socket, Female	
2	1001187681	1	Connector - 2 Position	
2	4460464	2	Pin, Male	

SECTION 8 - ELECTRICAL

FIGURE 8-18. BOOM CABLE - LOWER



ART_1001183882

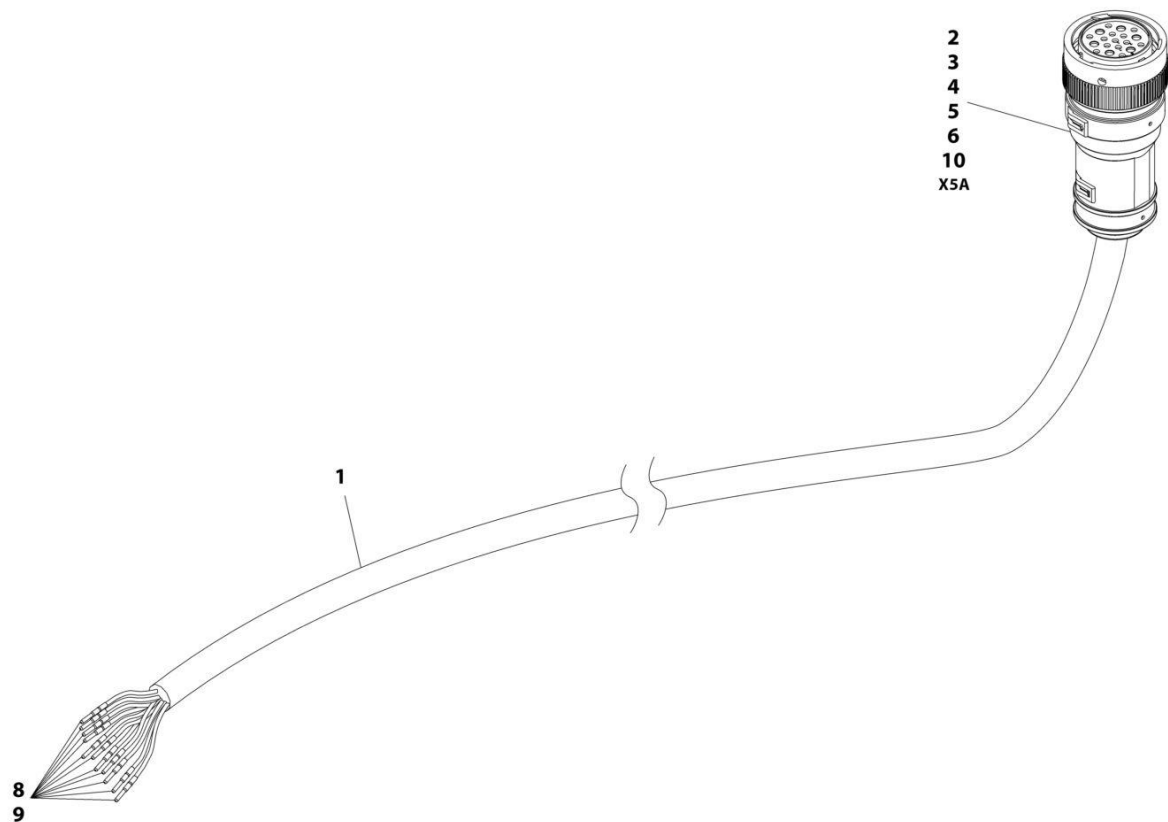
SECTION 8 - ELECTRICAL

FIGURE 8-18. BOOM CABLE - LOWER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183882	Ref	LOWER BOOM CABLE	C
1	1060896	20 ft/6.1m	Cable, Electrical	
2	1001188292	AR	Connector - 19 Position	
3	1001188291	AR	Connector, Backshell	
4	4460465	22	Socket, Female	
5	4460509	8	Socket, Female	
6	4460466	AR	Plug, Seal	
7	2820118	6 in/ 15.3cm	Heat Shrink	
8	1001188354	AR	Grommet	
9	4240033	AR	Tie-Strap (Not Shown)	

SECTION 8 - ELECTRICAL

FIGURE 8-19. BOOM CABLE - UPPER (EC600SJ/H600SJ)



ART_1001183885

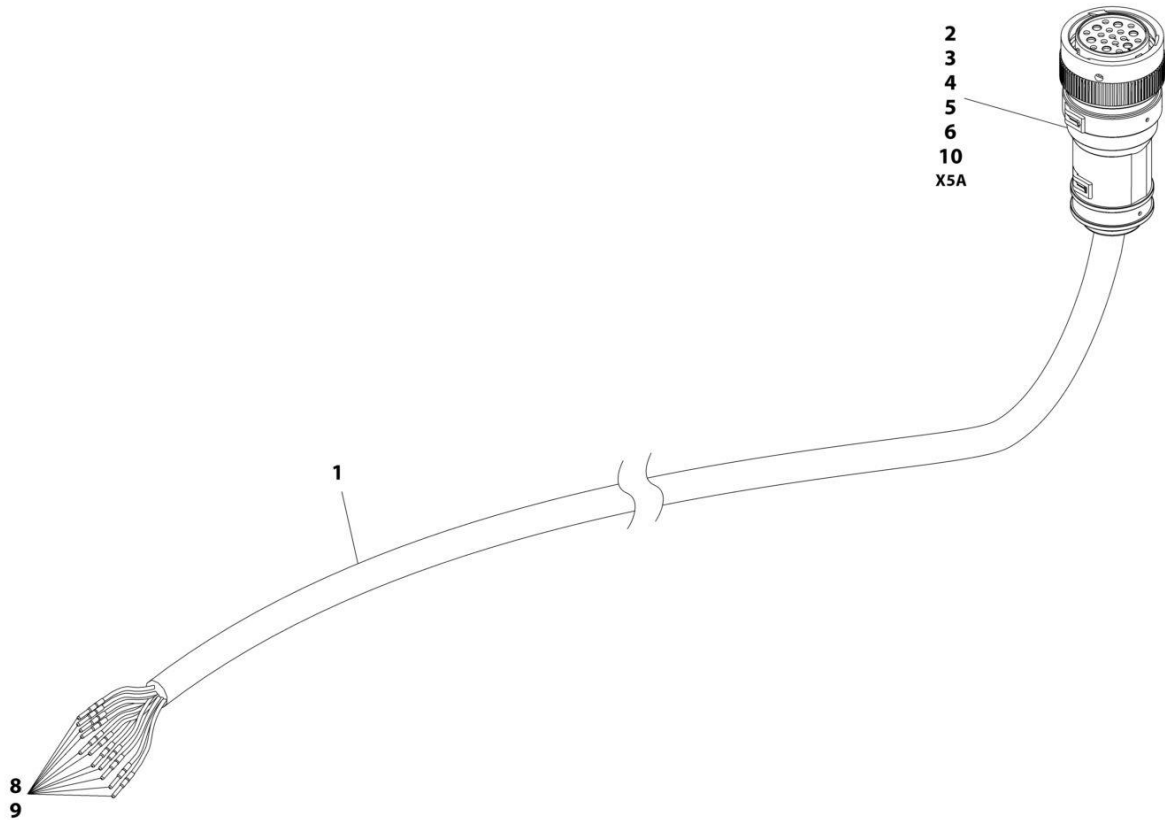
SECTION 8 - ELECTRICAL

FIGURE 8-19. BOOM CABLE - UPPER (EC600SJ/H600SJ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001183885	Ref	UPPER BOOM CABLE (E600J/M600J)	B
	1060896	53.5 ft /16.3m	Cable, Electrical	
2	1001188292	1	Connector - 19 Position	
3	1001188291	1	Connector, Backshell	
4	4460465	11	Socket, Female	
5	4460509	4	Socket, Female	
6	4460466	4	Plug, Seal	
8	4460464	11	Pin, Male	
9	4460508	4	Pin, Male	
10	1001188354	1	Grommet	
11	4240033	2	Tie-Strap (Not Shown)	

SECTION 8 - ELECTRICAL

FIGURE 8-20. BOOM CABLE - UPPER (EC600SJP/H600SJP)



ART_1001183884

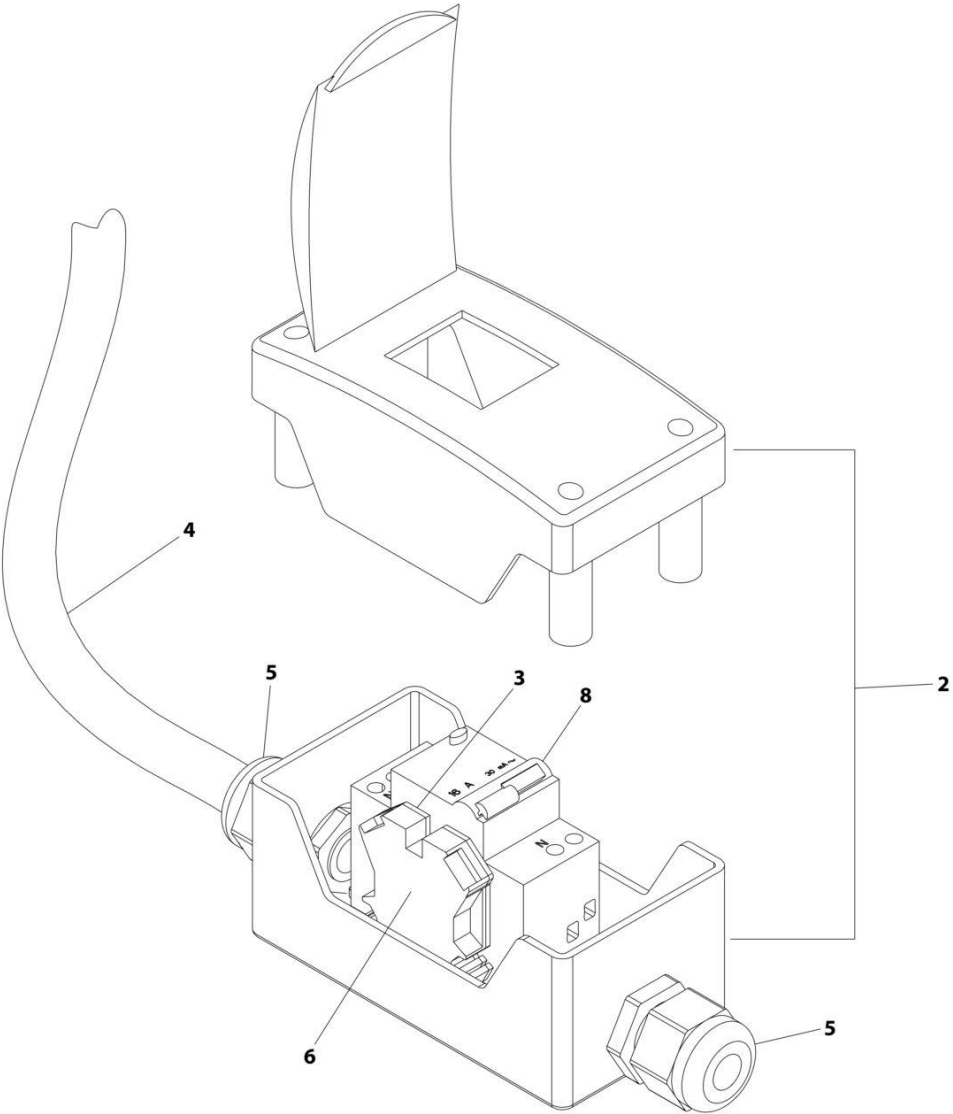
SECTION 8 - ELECTRICAL

FIGURE 8-20. BOOM CABLE - UPPER (EC600SJP/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001183884	Ref	UPPER BOOM CABLE (E600JP/M600JP)	B
	1060896	54.5 ft /16.6m	Cable, Electrical	
2	1001188292	1	Connector - 19 Position	
3	1001188291	1	Connector, Backshell	
4	4460465	11	Socket, Female	
5	4460509	4	Socket, Female	
6	4460466	4	Plug, Seal	
8	4460464	11	Pin, Male	
9	4460508	4	Pin, Male	
10	1001188354	1	Grommet	
11	4240033	2	Tie-Strap (Not Shown)	

SECTION 8 - ELECTRICAL

FIGURE 8-21. BREAKER BOX KIT WITH ONE BREAKER - CE SPEC



ART_2902549_F

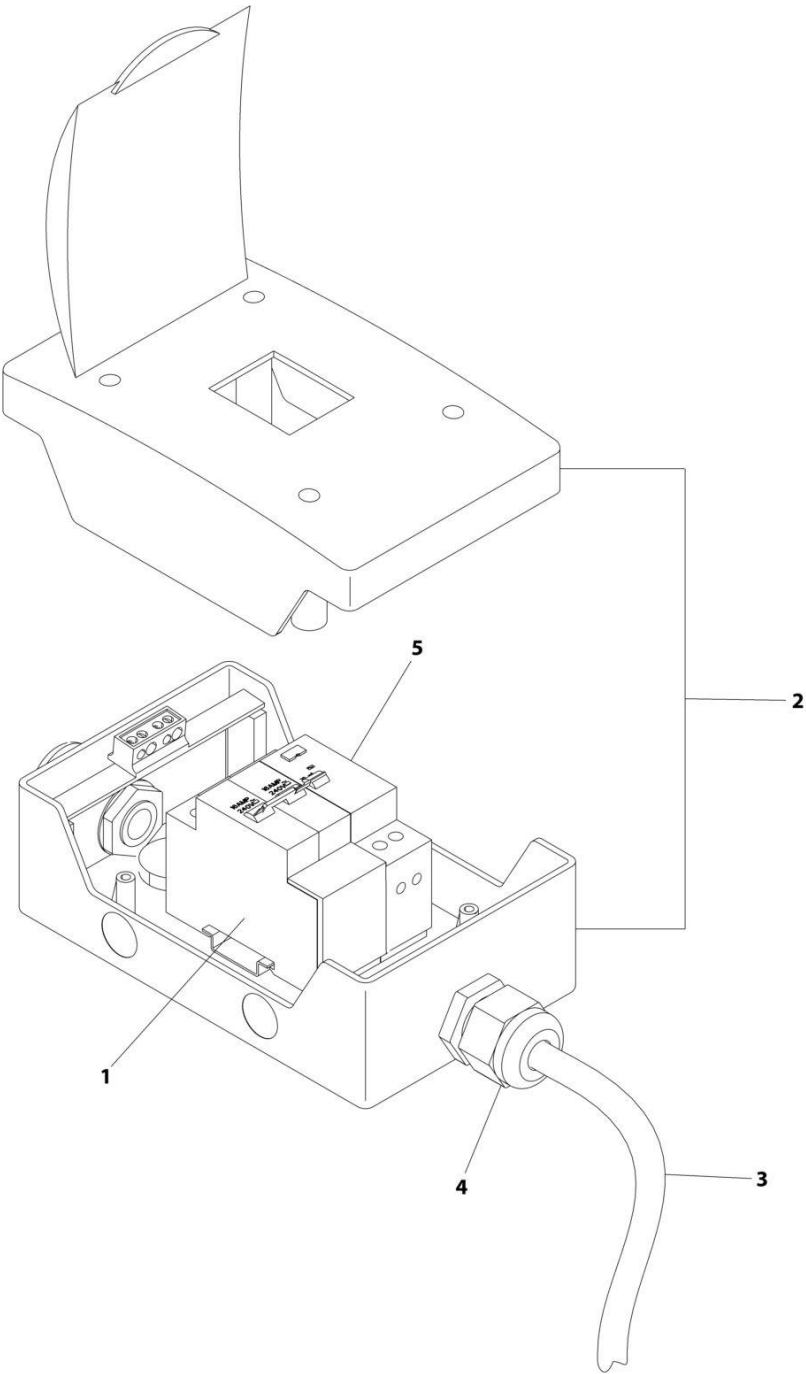
SECTION 8 - ELECTRICAL

FIGURE 8-21. BREAKER BOX KIT WITH ONE BREAKER - CE SPEC

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

SECTION 8 - ELECTRICAL

FIGURE 8-22. BREAKER BOX KIT WITH TWO BREAKERS - CE SPEC



ART_1001152486_C

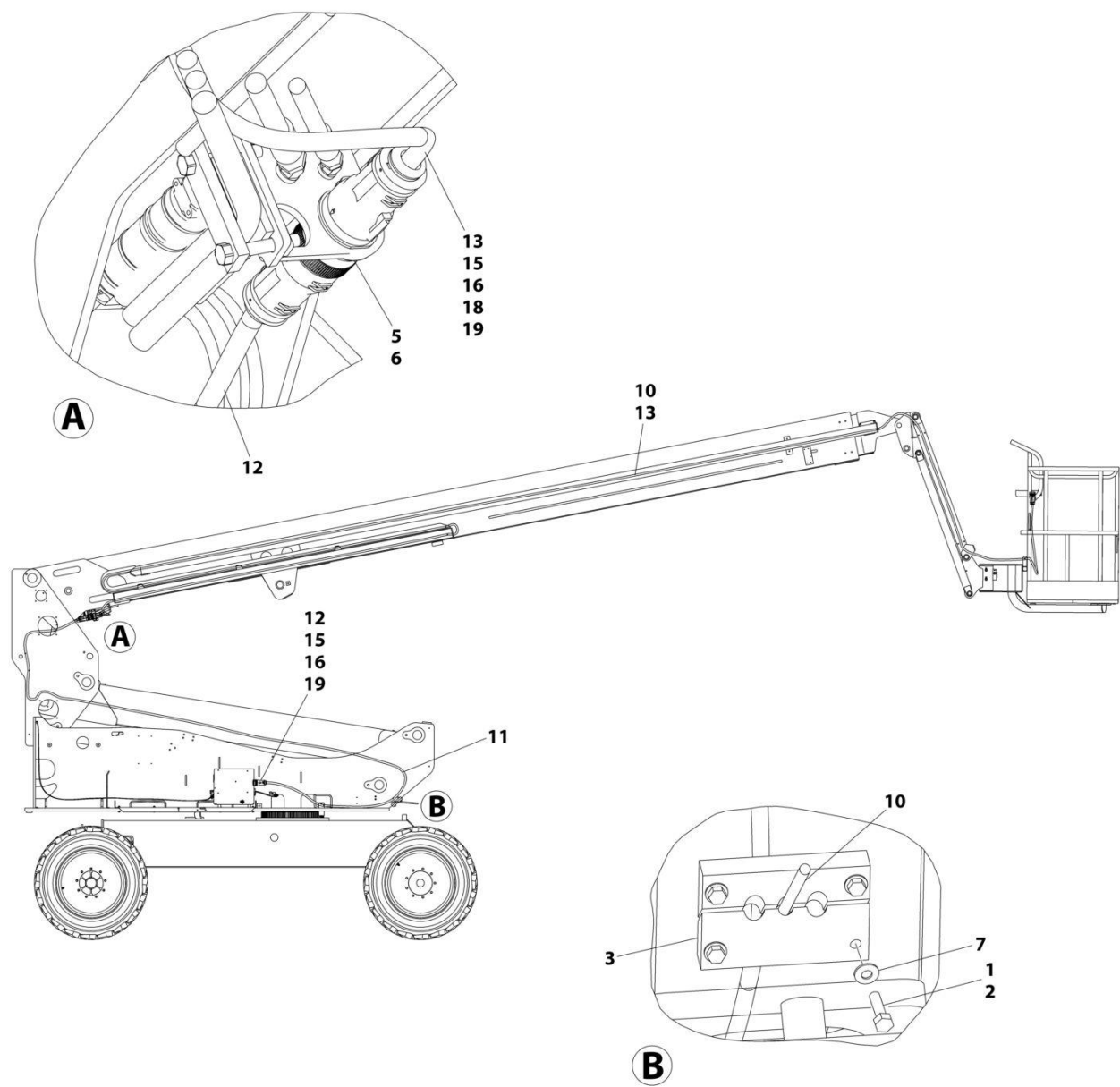
SECTION 8 - ELECTRICAL

FIGURE 8-22. BREAKER BOX KIT WITH TWO BREAKERS - CE SPEC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001152486	Ref	BREAKER BOX KIT	C
1	1001189172	1	Breaker, 16 Amp (Double)	
2	1001152483	1	Box	
3	1060908	12 ft/ 3.66m	Cable, 12/3	
4	1001097150	1	Connector, Strain Relief	
5	1001189171	1	Breaker, 30mA	

SECTION 8 - ELECTRICAL

FIGURE 8-23. CABLES AND CLAMPS INSTALLATION (EC600SJ/H600SJ) (ALL SPECS EXCEPT AUSTRALIAN & CE SPECS)



ART_1001183535

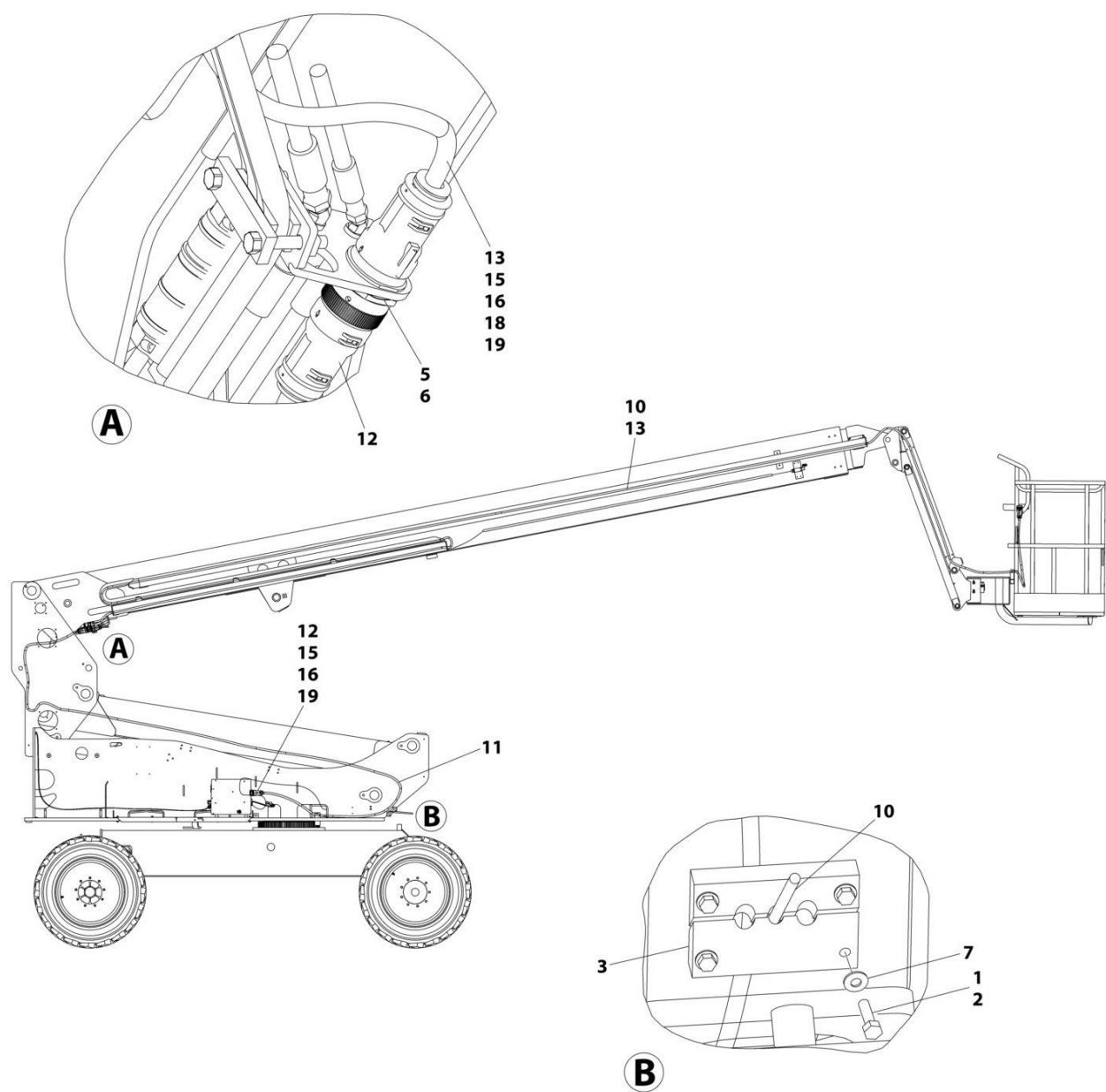
SECTION 8 - ELECTRICAL

FIGURE 8-23. CABLES AND CLAMPS INSTALLATION (EC600SJ/H600SJ) (ALL SPECS EXCEPT AUSTRALIAN & CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183535	Ref	CABLES AND CLAMPS INSTALLATION (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)	D
1	0100011	AR	Locking, Compound	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	1320256	1	Clamp, Block	
5	1001205044	1	Washer	
6	1001205043	1	Nut	
7	4711600	4	Washer 3/8	
10	4922937	1	Cable, 12/3	
11	4922938	1	Cable, 12/3	
12	1001183882	1	Boom Cable - Lower (See Separate Breakdown in this Section)	
13	1001183885	1	Boom Cable - Upper (See Separate Breakdown in this Section)	
14	4240033	AR	Tie-Strap (Not Shown)	
15	4460466	AR	Plug, Seal	
16	1001188291	AR	Connector, Backshell	
18	1001188293	1	Connector - 19 Position	
19	1001188354	AR	Grommet	

SECTION 8 - ELECTRICAL

FIGURE 8-24. CABLES AND CLAMPS INSTALLATION (EC600SJ/H600SJ) (CE SPECS)



ART_1001183538

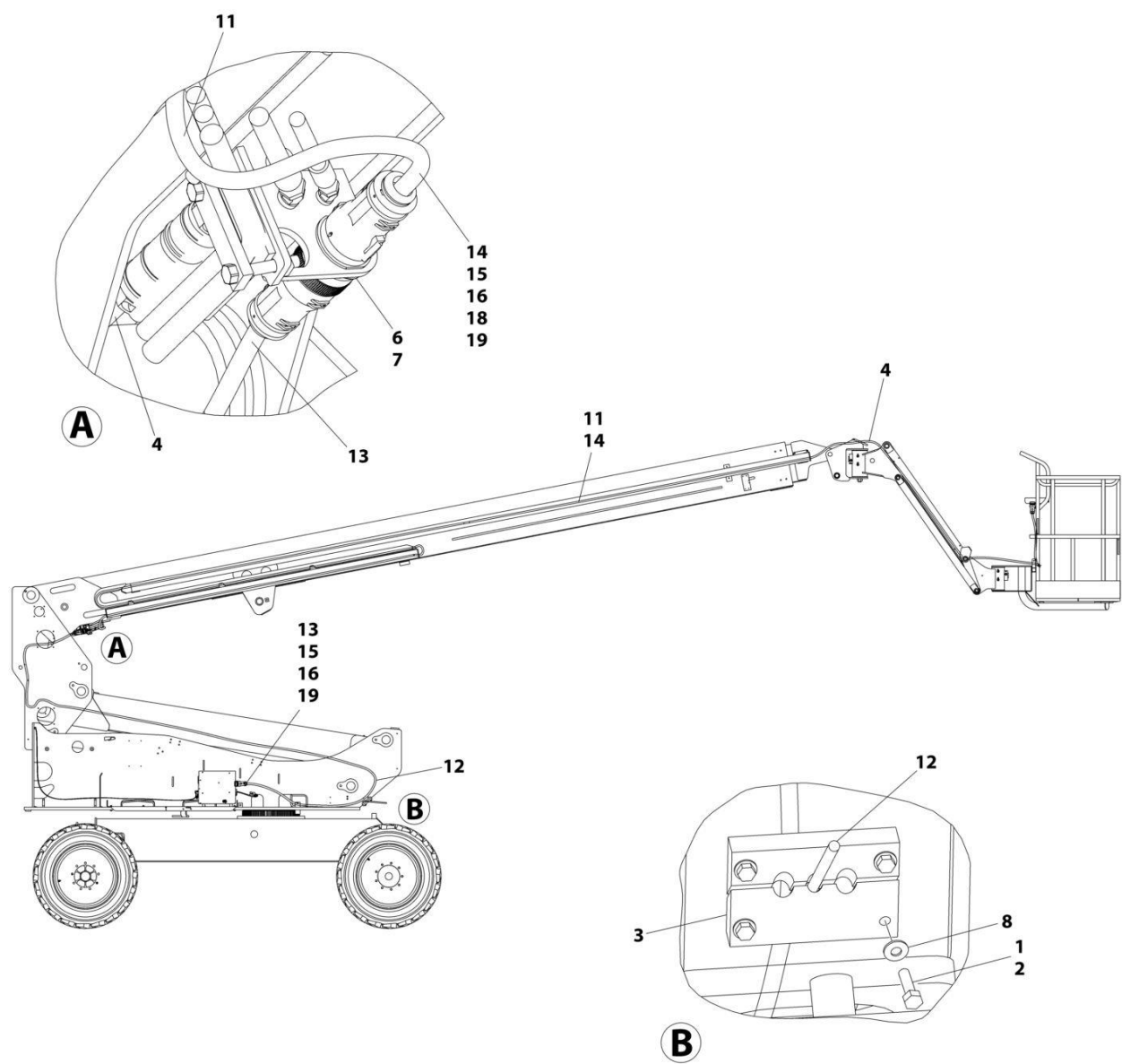
SECTION 8 - ELECTRICAL

FIGURE 8-24. CABLES AND CLAMPS INSTALLATION (EC600SJ/H600SJ) (CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183538	Ref	CABLES AND CLAMPS INSTALLATION	D
1	0100011	AR	Locking, Compound	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	1320256	1	Clamp, Block	
5	1001205044	1	Washer	
6	1001205043	1	Nut	
7	4711600	4	Washer 3/8	
10	4922939	1	Cable, 12/3	
11	4922940	1	Cable, 12/3	
12	1001183882	1	Boom Cable - Lower (See Separate Breakdown in this Section)	
13	1001183885	1	Boom Cable - Upper (See Separate Breakdown in this Section)	
14	4240033	AR	Tie-Strap (Not Shown)	
15	4460466	AR	Plug, Seal	
16	1001188291	AR	Connector, Backshell	
18	1001188293	1	Connector - 19 Position	
19	1001188354	AR	Grommet	

SECTION 8 - ELECTRICAL

FIGURE 8-25. CABLES AND CLAMPS INSTALLATION (EC600SJP/H600SJP) (ALL SPECS EXCEPT AUSTRALIAN & CE SPECS)



ART_1001183536

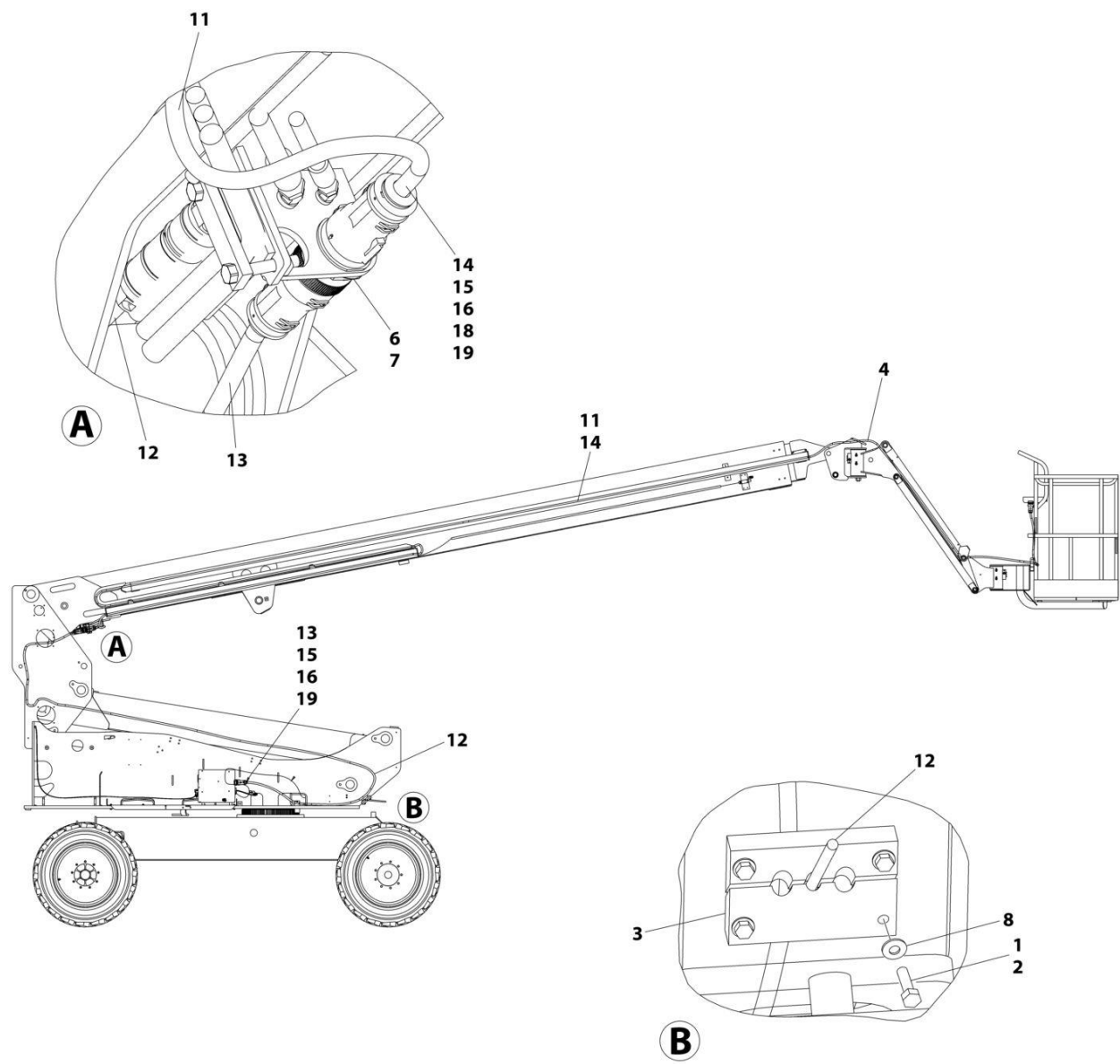
SECTION 8 - ELECTRICAL

FIGURE 8-25. CABLES AND CLAMPS INSTALLATION (EC600SJP/H600SJP) (ALL SPECS EXCEPT AUSTRALIAN & CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183536	Ref	CABLES AND CLAMPS INSTALLATION	C
1	0100011	AR	Locking, Compound	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	1320256	1	Clamp, Block	
4	4100026	1	Sleeve, Hose Protector	
5	4240033	AR	Tie-Strap (Not Shown)	
6	1001205044	1	Washer	
7	1001205043	1	Nut	
8	4711600	4	Washer 3/8	
11	4922937	1	Cable, 12/3	
12	4922938	1	Cable, 12/3	
13	1001183882	1	Boom Cable - Lower (See Separate Breakdown in this Section)	
14	1001183884	1	Boom Cable - Upper (See Separate Breakdown in this Section)	
15	4460466	AR	Plug, Seal	
16	1001188291	AR	Connector, Backshell	
18	1001188293	1	Connector - 19 Position	
19	1001188354	AR	Grommet	

SECTION 8 - ELECTRICAL

FIGURE 8-26. CABLES AND CLAMPS INSTALLATION - SINGLE AC BOX (EC600SJP/H600SJP)
(AUSTRALIAN & CE SPECS)



ART_1001183539

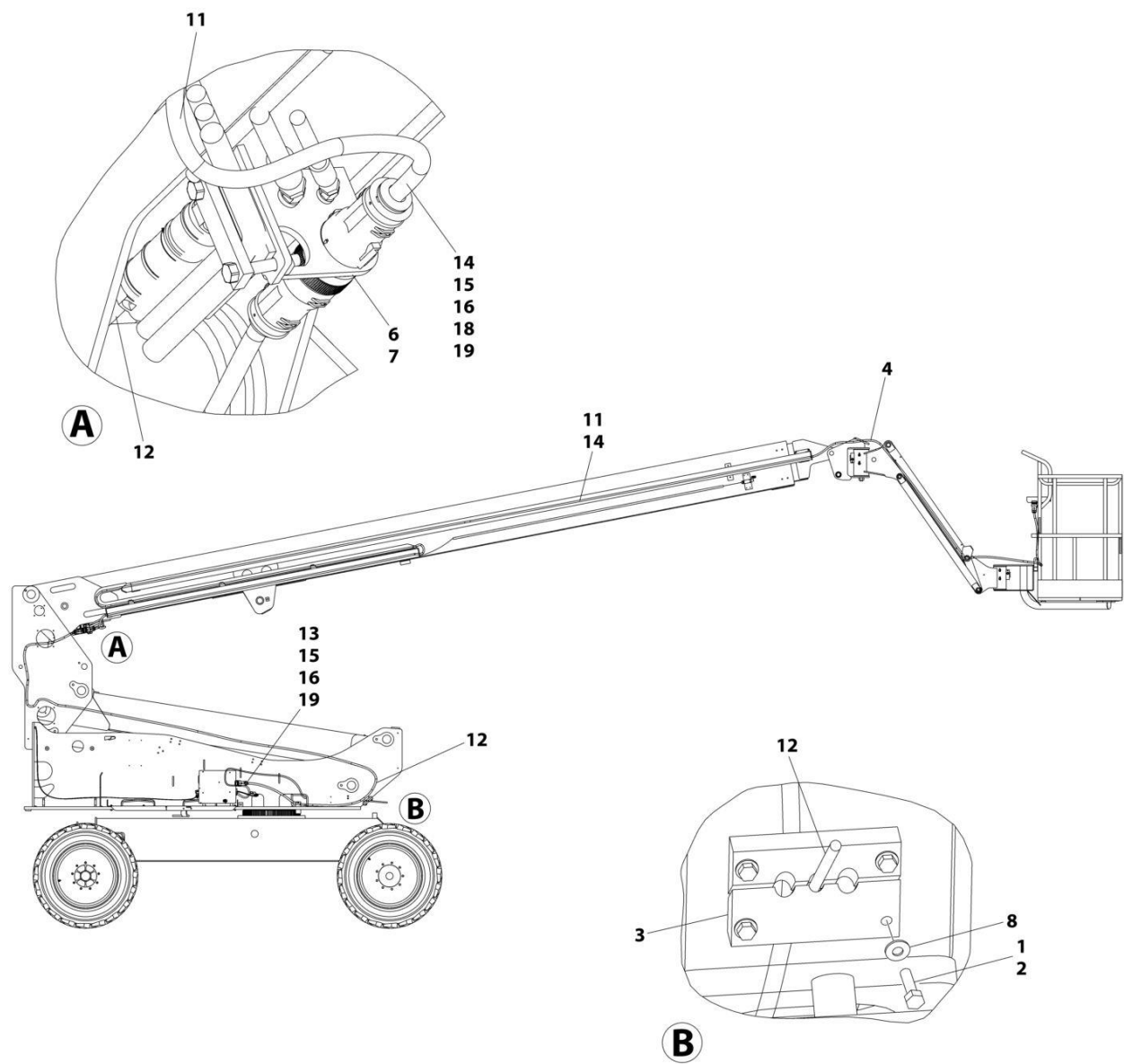
SECTION 8 - ELECTRICAL

**FIGURE 8-26. CABLES AND CLAMPS INSTALLATION - SINGLE AC BOX (EC600SJP/H600SJP)
(AUSTRALIAN & CE SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183539	Ref	CABLES AND CLAMPS INSTALLATION	C
1	0100011	AR	Locking, Compound	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	1320256	1	Clamp, Block	
4	4100026	1	Sleeve, Hose Protector	
5	4240033	AR	Tie-Strap (Not Shown)	
6	1001205044	1	Washer	
7	1001205043	1	Nut	
8	4711600	4	Washer 3/8	
11	4922939	1	Cable, 12/3	
12	4922940	1	Cable, 12/3	
13	1001183882	1	Boom Cable - Lower (See Separate Breakdown in this Section)	
14	1001183884	1	Boom Cable - Upper (See Separate Breakdown in this Section)	
15	4460466	AR	Plug, Seal	
16	1001188291	AR	Connector, Backshell	
18	1001188293	1	Connector - 19 Position	
19	1001188354	AR	Grommet	

SECTION 8 - ELECTRICAL

FIGURE 8-27. CABLES AND CLAMPS INSTALLATION - DUAL AC BOXES (EC600SJP/H600SJP) (CE SPECS)



ART_1001183540

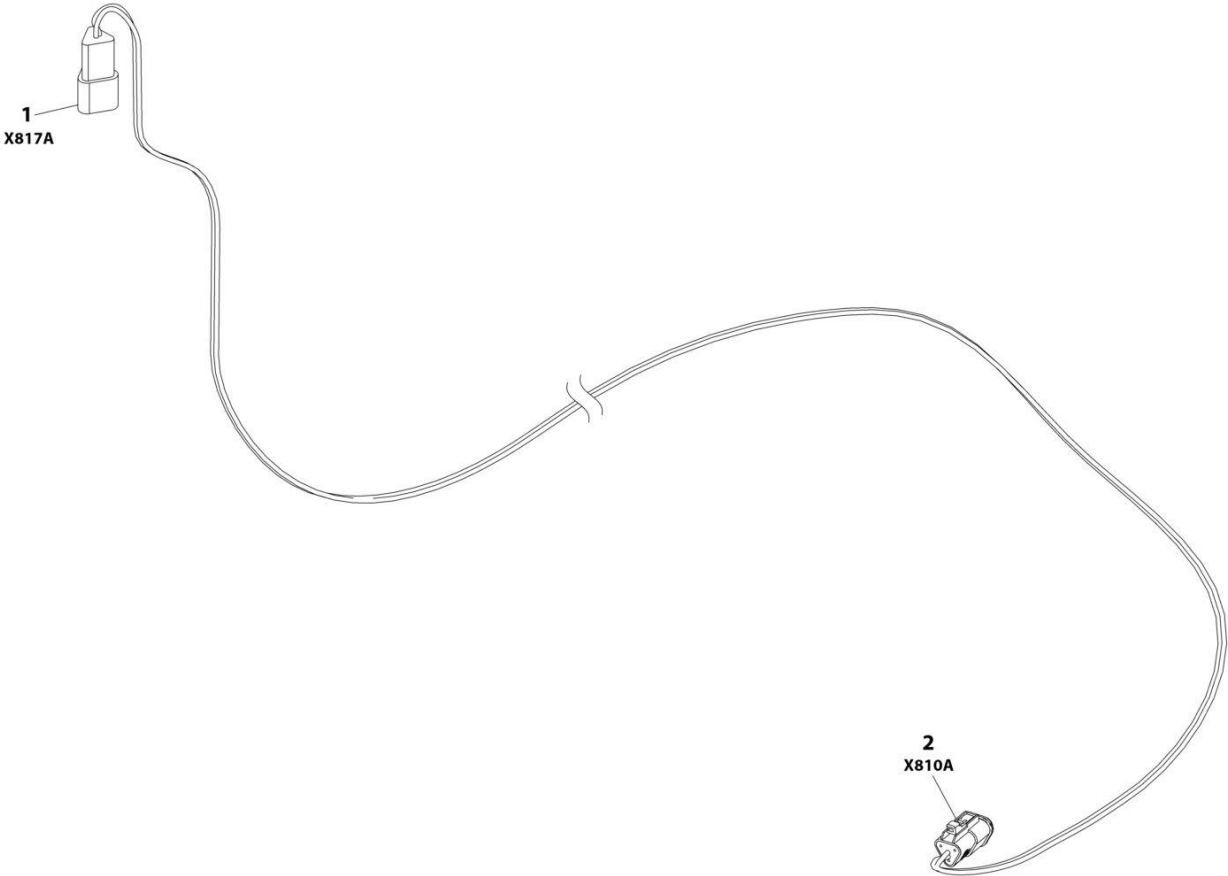
SECTION 8 - ELECTRICAL

FIGURE 8-27. CABLES AND CLAMPS INSTALLATION - DUAL AC BOXES (EC600SJP/H600SJP) (CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183540	Ref	CABLES AND CLAMPS INSTALLATION	C
1	0100011	AR	Locking, Compound	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	1320256	1	Clamp, Block	
4	4100026	1	Sleeve, Hose Protector	
5	4240033	AR	Tie-Strap (Not Shown)	
6	1001205044	1	Washer	
7	1001205043	1	Nut	
8	4711600	4	Washer 3/8	
11	4922939	2	Cable, 12/3	
12	4922940	2	Cable, 12/3	
13	1001183882	1	Boom Cable - Lower (See Separate Breakdown in this Section)	
14	1001183884	1	Boom Cable - Upper (See Separate Breakdown in this Section)	
15	4460466	AR	Plug, Seal	
16	1001188291	AR	Connector, Backshell	
18	1001188293	1	Connector - 19 Position	
19	1001188354	AR	Grommet	

SECTION 8 - ELECTRICAL

FIGURE 8-28. CAN JUMPER HARNESS



ART_1001259548

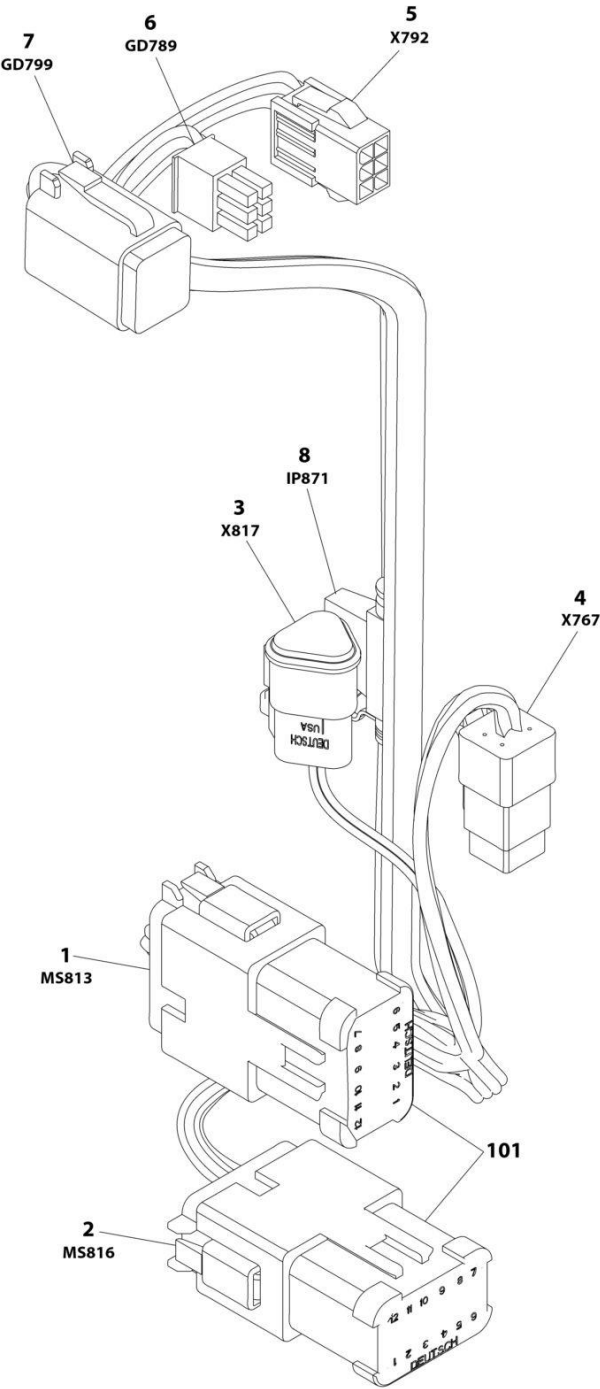
SECTION 8 - ELECTRICAL

FIGURE 8-28. CAN JUMPER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001259548	Ref	CAN JUMPER HARNESS	A
1	1001144147	1	Connector	
1	4460943	2	Socket	
1	4460466	1	Plug	
2	1001116812	1	Connector	
2	4460944	2	Socket	
2	4460466	1	Plug	

SECTION 8 - ELECTRICAL

FIGURE 8-29. CENTRAL PANEL CAN BUSS HARNESS



ART_1001259560

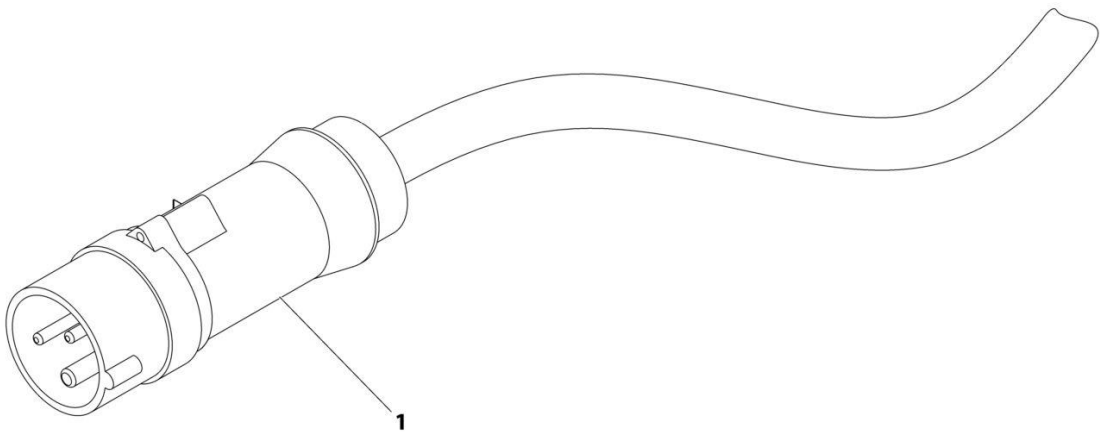
SECTION 8 - ELECTRICAL

FIGURE 8-29. CENTRAL PANEL CAN BUSS HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001259560	Ref	CENTRAL PANEL CAN BUSS HARNESS	C
1	4460933	1	Connector	
1	4460465	10	Socket	
1	4460466	2	Plug	
2	4460933	1	Connector	
2	4460465	8	Socket	
2	4460466	4	Plug	
3	1001116812	1	Connector	
3	4460944	2	Socket	
3	4460466	1	Plug	
4	4461077	1	Connector	
4	4460928	2	Socket	
4	4460918	2	Socket	
5	1001132049	1	Connector	
5	1001132050	4	Pin	
6	4460868	1	Connector	
6	4460877	4	Socket	
7	4460894	1	Connector	
7	4460465	4	Socket	
7	4460466	2	Plug	
8	2400060	1	Holder, Fuse	
8	8229242	1	Fuse, 5 Amp	
101	1001125677	2	Connector	

SECTION 8 - ELECTRICAL

FIGURE 8-30. CHARGER CORD PLUG INSTALLATION - 110V - IEC YELLOW (CE SPEC)



ART_0275666

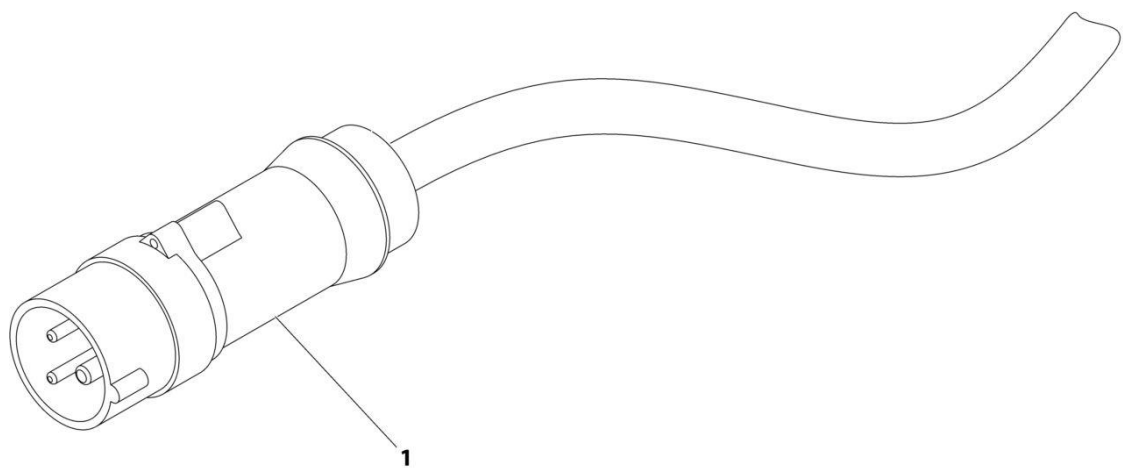
SECTION 8 - ELECTRICAL

FIGURE 8-30. CHARGER CORD PLUG INSTALLATION - 110V - IEC YELLOW (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275666	Ref	CHARGER CORD PLUG INSTALLATION - 110V IEC YELLOW PLUG	B
1	4461196	1	Plug	

SECTION 8 - ELECTRICAL

FIGURE 8-31. CHARGER CORD PLUG INSTALLATION - 220V - IEC BLUE (CE SPEC)



ART_0275667

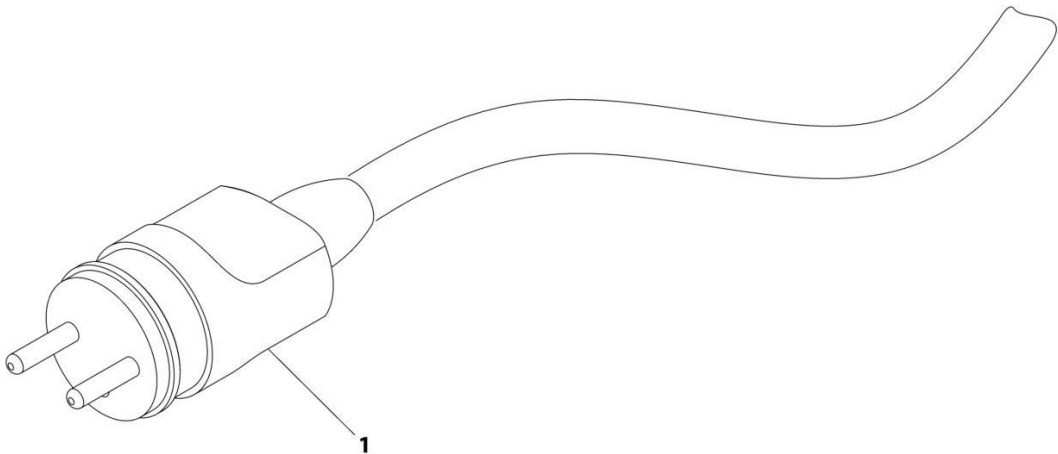
SECTION 8 - ELECTRICAL

FIGURE 8-31. CHARGER CORD PLUG INSTALLATION - 220V - IEC BLUE (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	0275667 4461199	Ref 1	CHARGER CORD PLUG INSTALLATION - 220V IEC BLUE PLUG Plug	B

SECTION 8 - ELECTRICAL

FIGURE 8-32. CHARGER CORD PLUG INSTALLATION - 220V - CEE7 POST GROUND (CE SPEC)



ART_0275663-C

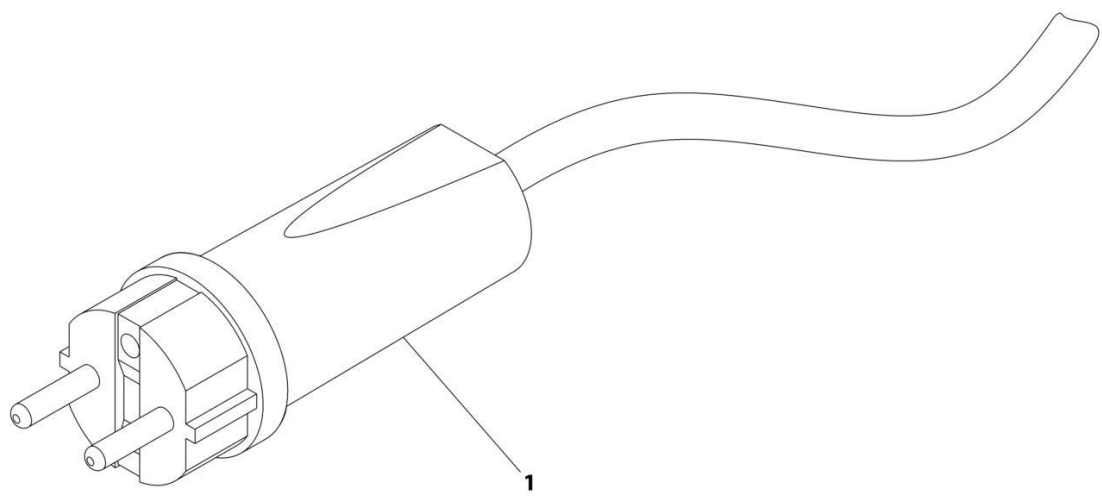
SECTION 8 - ELECTRICAL

FIGURE 8-32. CHARGER CORD PLUG INSTALLATION - 220V - CEE7 POST GROUND (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	0275663 4461205	Ref 1	CHARGER CORD PLUG INSTALLATION - 220V POST GROUND Plug	C

SECTION 8 - ELECTRICAL

FIGURE 8-33. CHARGER CORD PLUG INSTALLATION - 220V - CEE7 SIDE GROUND (CE SPEC)



ART_0275664

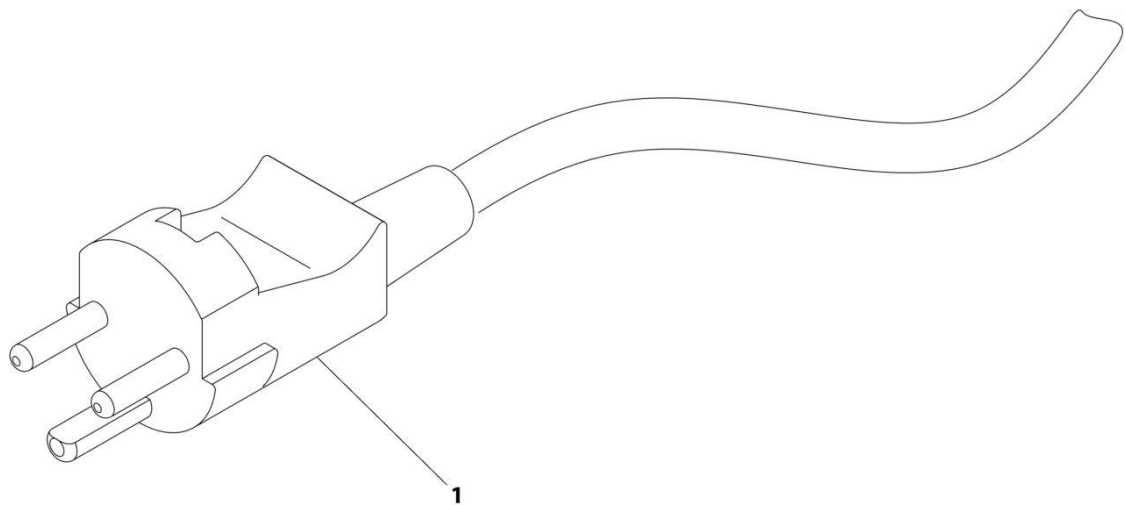
SECTION 8 - ELECTRICAL

FIGURE 8-33. CHARGER CORD PLUG INSTALLATION - 220V - CEE7 SIDE GROUND (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275664	Ref	CHARGER CORD PLUG INSTALLATION - 220V CEE7 SIDE GROUND	A
1	4461205	1	Plug	

SECTION 8 - ELECTRICAL

FIGURE 8-34. CHARGER CORD PLUG INSTALLATION - 220V - AFSINT 107 KEYED GROUND (CE SPEC)



ART_0275665

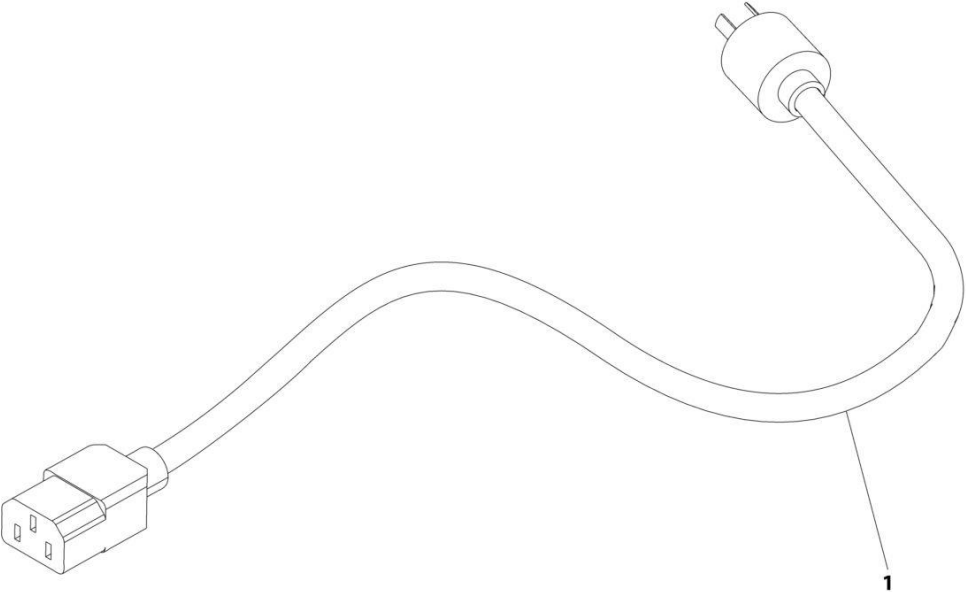
SECTION 8 - ELECTRICAL

FIGURE 8-34. CHARGER CORD PLUG INSTALLATION - 220V - AFSINT 107 KEYED GROUND (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275665	Ref	CHARGER CORD PLUG INSTALLATION - 220V AFSINT 107 KEYED GROUND	B
1	4461249	1	Plug	

SECTION 8 - ELECTRICAL

FIGURE 8-35. CHARGER CORD PLUG INSTALLATION (CHINA SPEC)



ART_1001253917

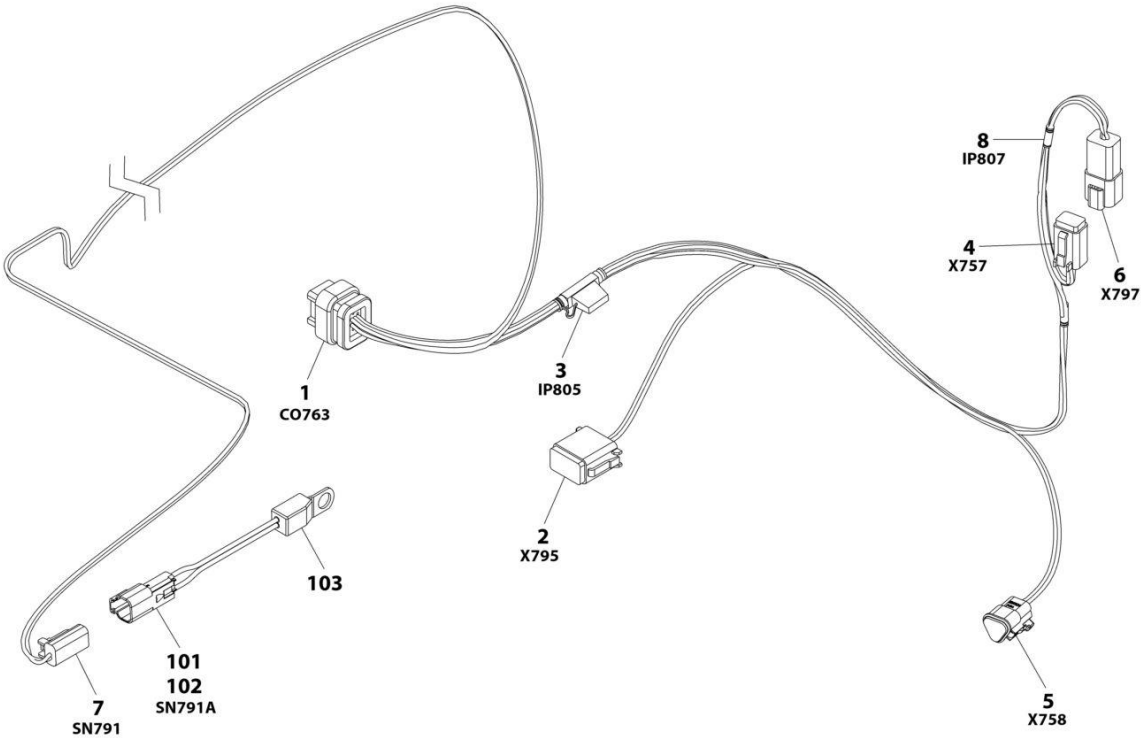
SECTION 8 - ELECTRICAL

FIGURE 8-35. CHARGER CORD PLUG INSTALLATION (CHINA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001253917	Ref	CHARGER CORD PLUG INSTALLATION - CHINA PLUG	A
	1001187816	1	Plug	

SECTION 8 - ELECTRICAL

FIGURE 8-36. CHARGER HARNESS



ART_1001259502

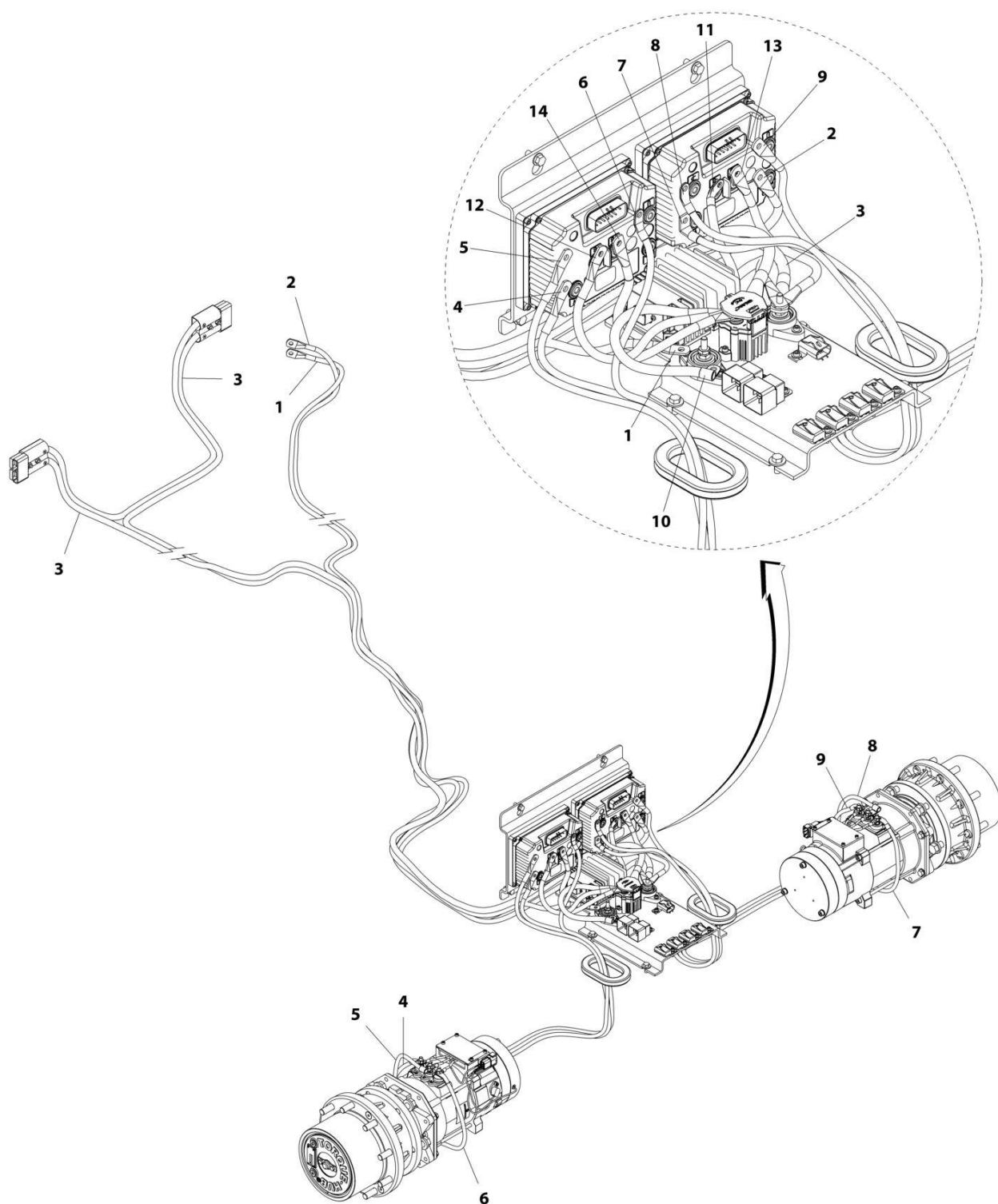
SECTION 8 - ELECTRICAL

FIGURE 8-36. CHARGER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001259502	Ref	CHARGER HARNESS	A
1	4460872	1	Connector	
1	4460905	5	Plug	
1	4460871	9	Socket	
2	4460930	1	Connector	
2	4460465	3	Socket	
2	4460466	5	Plug	
3	2400060	1	Fuse Holder	
3	1001196634	1	Fuse, 2AMP	
4	4460884	1	Connector	
4	4460465	4	Socket	
5	1001116812	1	Connector	
5	4460944	2	Socket	
5	4460466	1	Plug	
6	4460932	1	Connector	
6	4460464	4	Pin	
7	4460891	1	Connector	
7	4460465	3	Socket	
8	3990001	1	Diode	
101	4460464	2	Pin	
102	4460897	1	Connector	
103	1001102771	1	Sensor, Temperature	

SECTION 8 - ELECTRICAL

FIGURE 8-37. DRIVE CABLE KIT (ALL SPECS EXCPET UL SPECS)



ART_1001196485

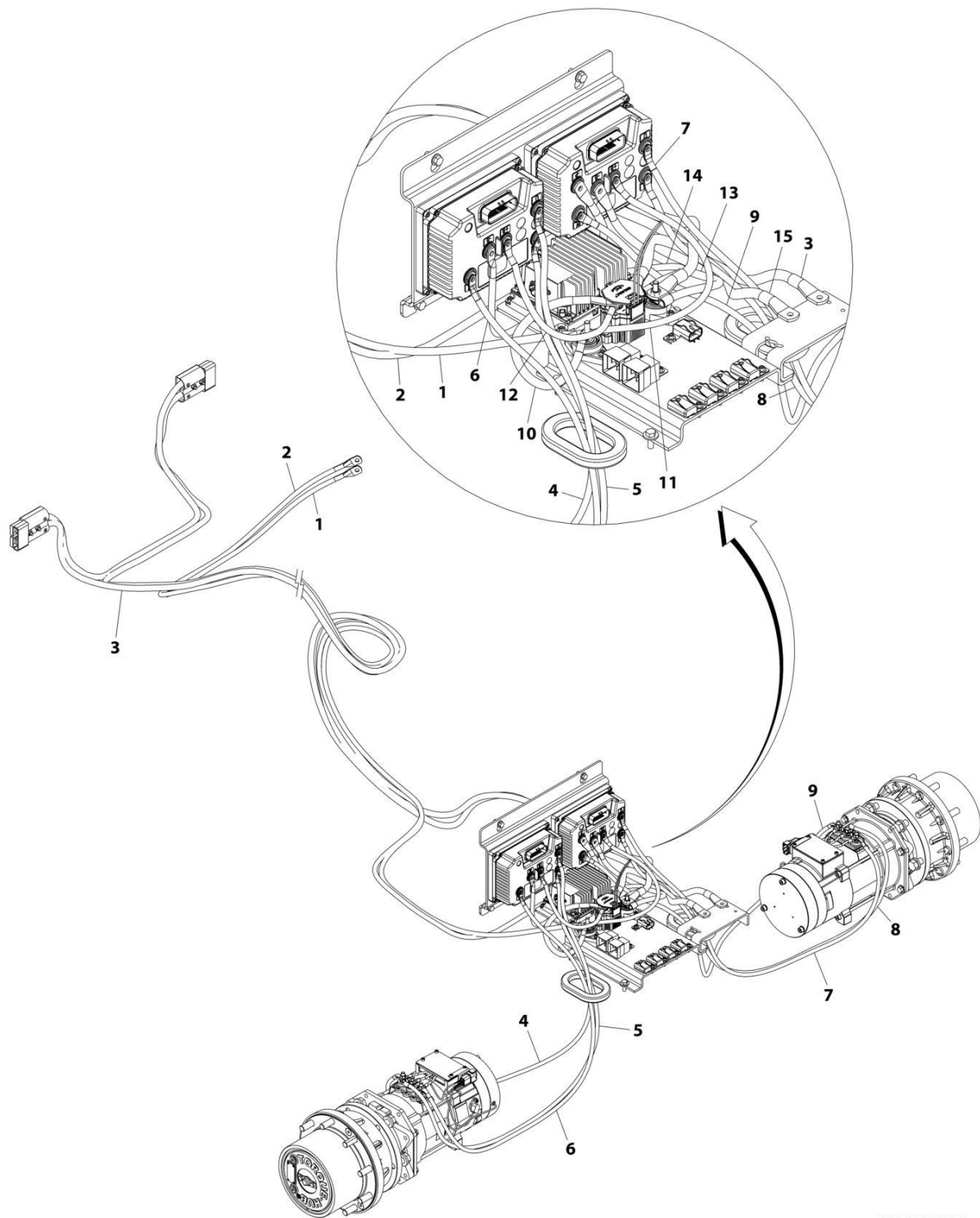
SECTION 8 - ELECTRICAL

FIGURE 8-37. DRIVE CABLE KIT (ALL SPECS EXCPET UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196485	Ref	DRIVE CABLE KIT (NON UL SPECS)	D
1	1001179499	1	Cable - Pump Motor + to Fuse	
2	1001179500	1	Cable - Pump Motor - to LH Module P	
3	1001182996	1	Cable - Battery	
4	1001196061	1	Cable - LH Motor U	
5	1001196062	1	Cable - LH Motor V	
6	1001196063	1	Cable - LH Motor W	
7	1001196065	1	Cable - RH Motor U	
8	1001196066	1	Cable - RH Motor V	
9	1001196067	1	Cable - RH Motor W	
10	1001196237	1	Cable - Contactor to Fuse	
11	1001196238	1	Cable - RH Zapi +	
12	1001196239	1	Cable - LH Zapi +	
13	1001196240	1	Cable - RH Zapi -	
14	1001196241	1	Cable - LH Zapi -	

SECTION 8 - ELECTRICAL

FIGURE 8-38. DRIVE CABLE KIT (UL SPECS)



ART_1001214800

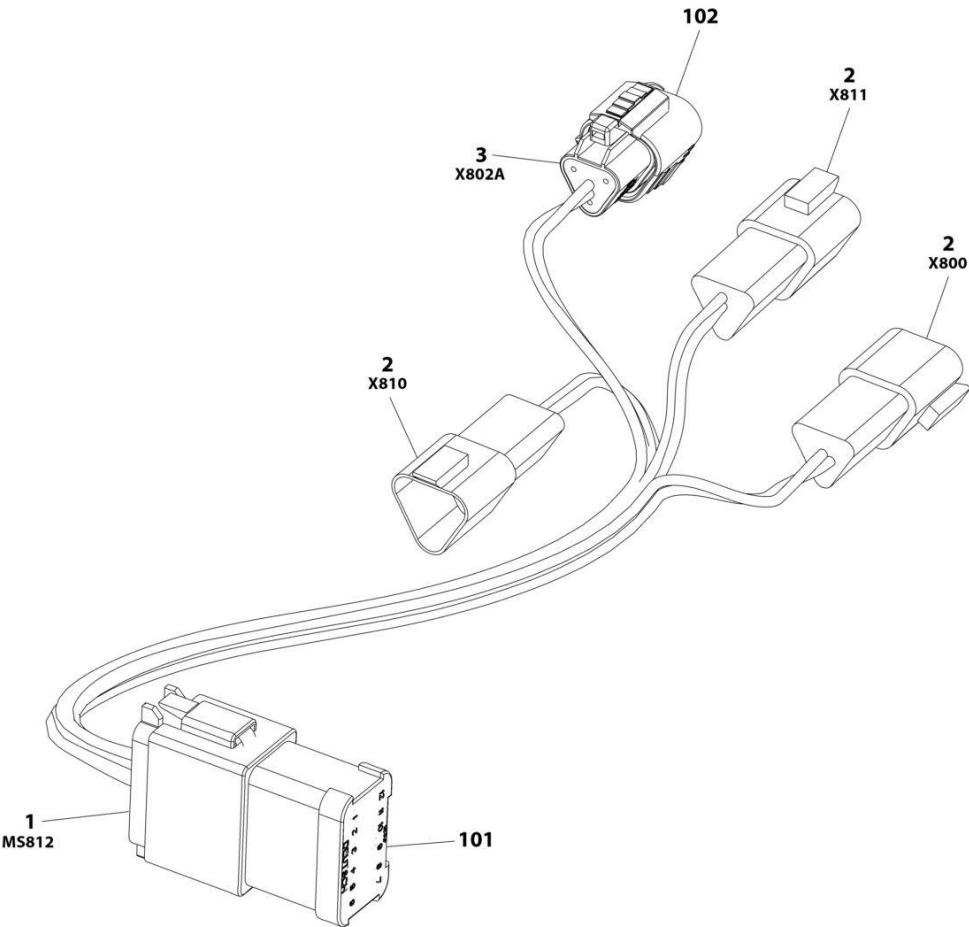
SECTION 8 - ELECTRICAL

FIGURE 8-38. DRIVE CABLE KIT (UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214800	Ref	DRIVE CABLE KIT (UL SPECS)	C
1	1001179499	1	Cable - Pump Motor + to Fuse	
2	1001179500	1	Cable - Pump Motor - to LH Module P	
3	1001182996	1	Cable - Battery	
4	1001196061	1	Cable - LH Motor U	
5	1001196062	1	Cable - LH Motor V	
6	1001196063	1	Cable - LH Motor W	
7	1001196065	1	Cable - RH Motor U	
8	1001196066	1	Cable - RH Motor V	
9	1001196067	1	Cable - RH Motor W	
10	1001196237	1	Cable - Contactor to Fuse	
11	1001196238	1	Cable - RH Zapi +	
12	1001196239	1	Cable - LH Zapi +	
13	1001196240	1	Cable - RH Zapi -	
14	1001196241	1	Cable - LH Zapi -	
15	1001214801	1	Cable - Drive Jumper	

SECTION 8 - ELECTRICAL

FIGURE 8-39. EBOOM CAN SPLICE HARNESS



ART_1001259541

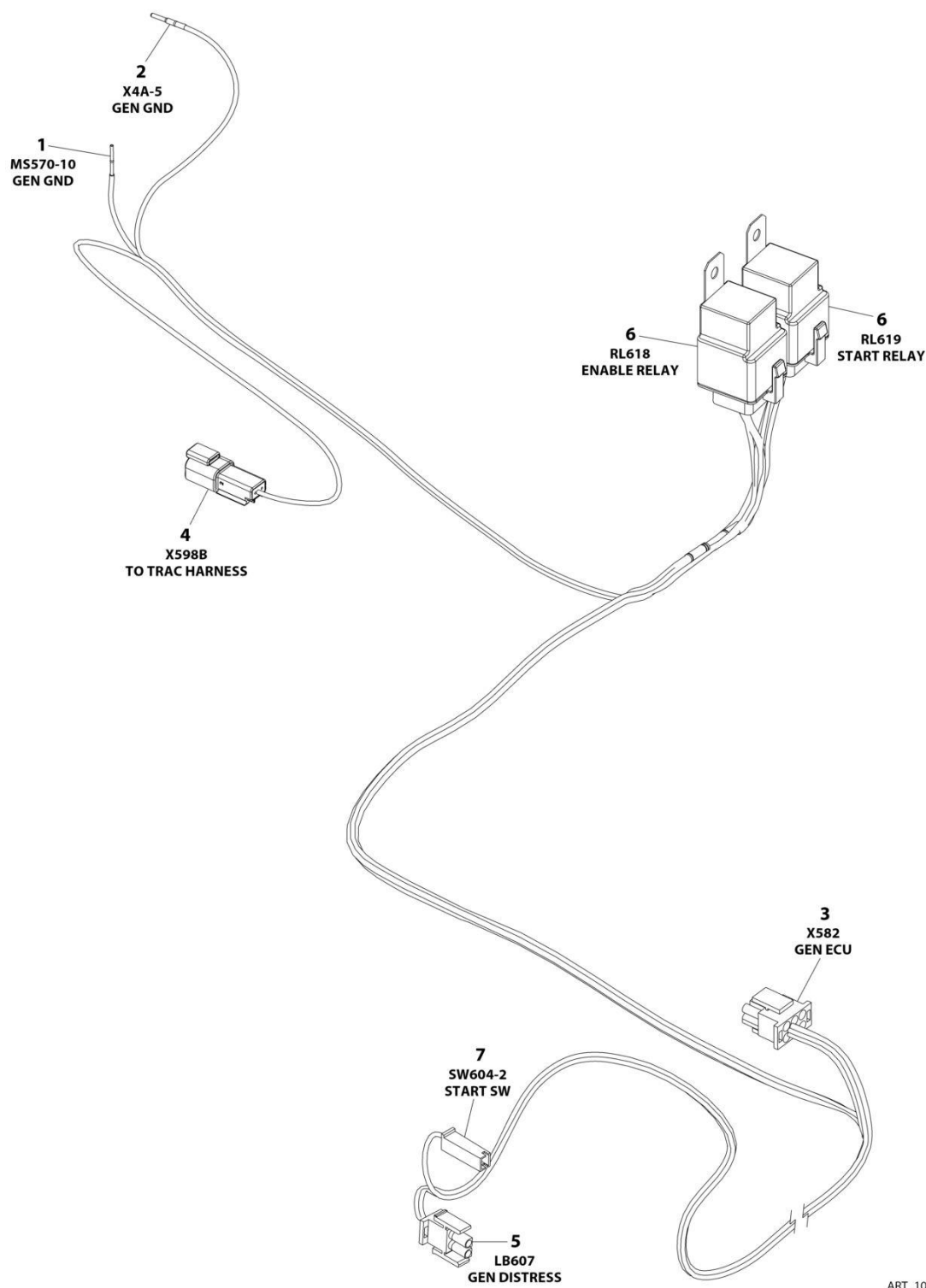
SECTION 8 - ELECTRICAL

FIGURE 8-39. EBOOM CAN SPLICE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001259541	Ref	EBOOM CAN SPLICE HARNESS	A
1	4460933	1	Connector	
1	4460465	8	Socket	
1	4460466	4	Plug	
2	1001144147	3	Connector	
2	4460943	6	Socket	
2	4460466	3	Plug	
3	1001116812	1	Connector	
3	4460944	2	Socket	
3	4460466	1	Plug	
101	1001125677	1	Connector	
102	1001144296	1	Dust Cap	

SECTION 8 - ELECTRICAL

FIGURE 8-40. GENERATOR HARNESS



ART_1001199409

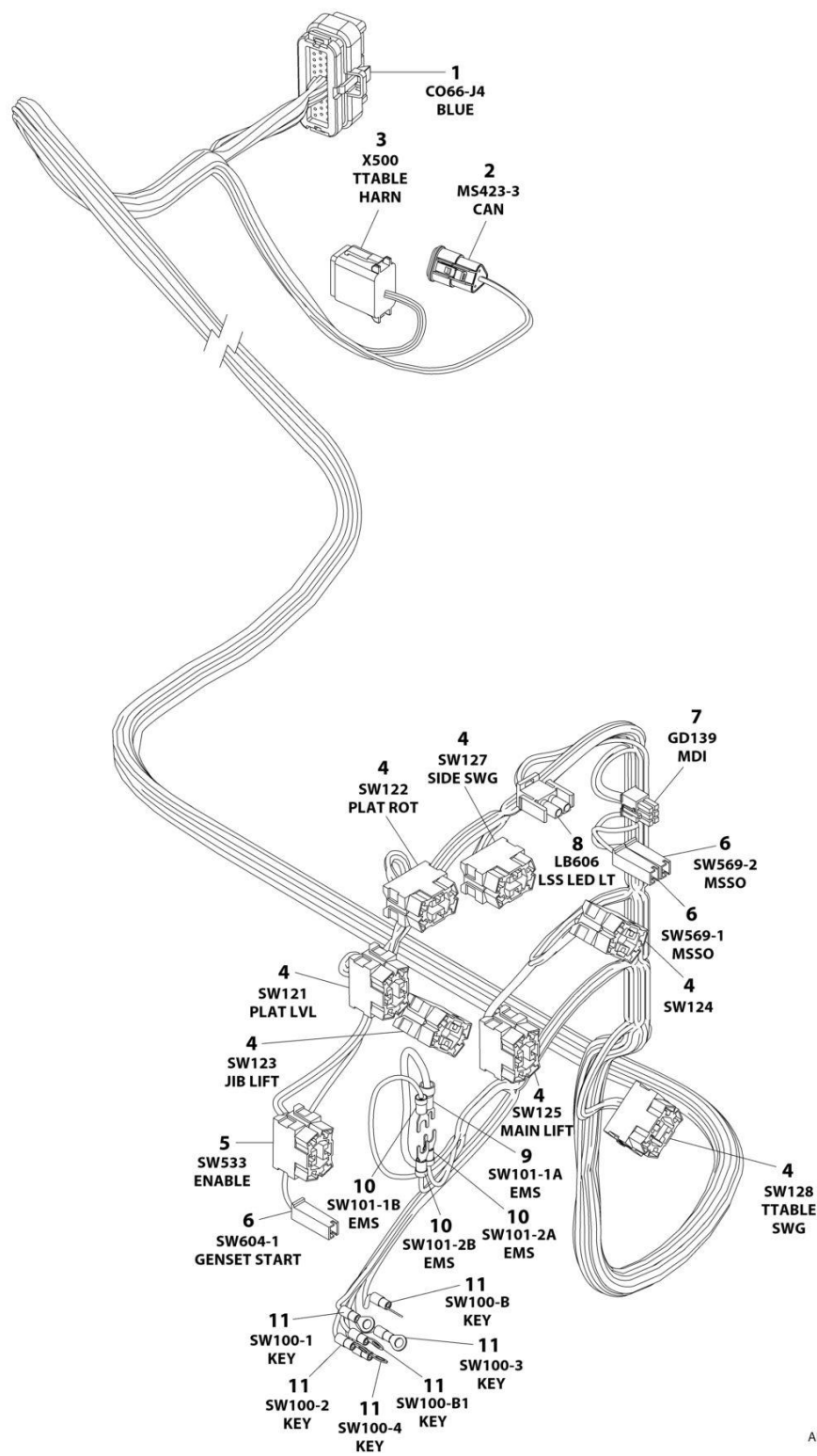
SECTION 8 - ELECTRICAL

FIGURE 8-40. GENERATOR HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199409	Ref	GENERATOR HARNESS	C
1	4460465	1	Socket, Female	
2	4460464	1	Pin, Male	
3	4460225	1	Plug, Male - 6 Position	
3	4460267	5	Pin, Male	
4	4460897	1	Connector - 2 Position	
4	4460464	1	Pin, Male	
4	4460466	1	Plug, Seal	
5	4460320	1	Connector - 2 Position	
5	4460227	2	Pin, Male	
6	3740080	2	Relay	
6	1001203734	2	Plug, Relay	
6	1001116733	4	Terminal	
6	1001116732	4	Terminal	
7	4460260	1	Housing, Terminal	
7	4460259	1	Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-41. GROUND CONTROL HARNESS



ART_1001182477

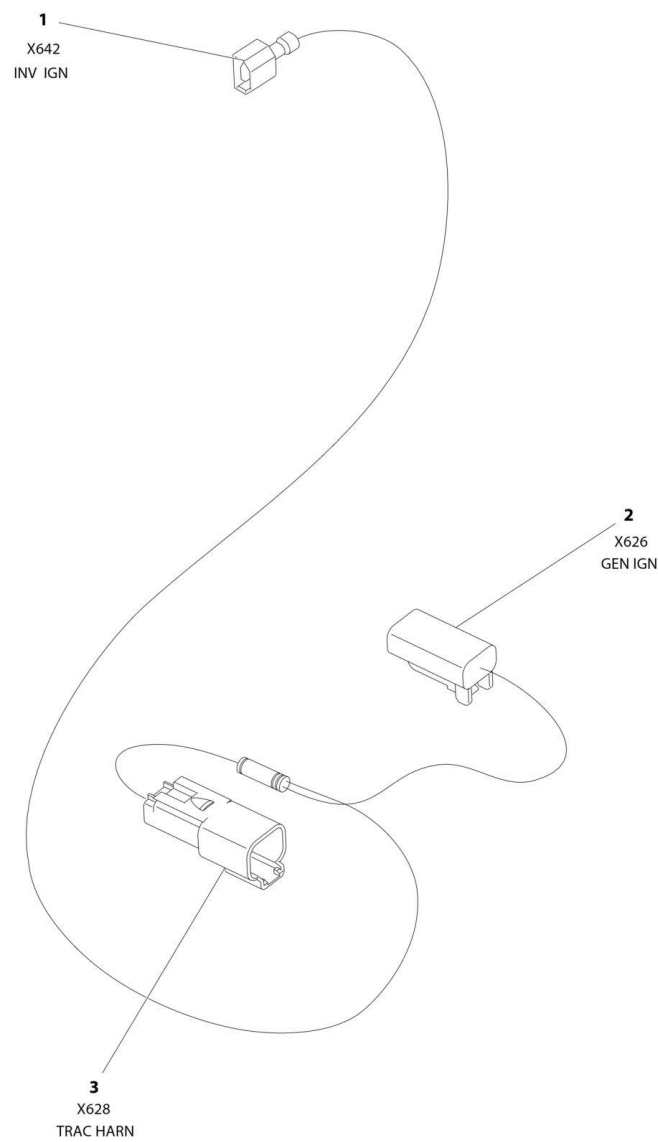
SECTION 8 - ELECTRICAL

FIGURE 8-41. GROUND CONTROL HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182477	Ref	GROUND CONTROL HARNESS	E
1	4460876	1	Connector - 35 Position	
1	4460871	20	Socket, Female	
1	4460905	15	Plug, Terminal	
2	1001116812	1	Connector - 3 Position	
2	4460944	2	Socket, Female	
2	4460466	1	Plug, Seal	
3	4460930	1	Connector - 8 Position	
3	1001116692	7	Socket, Female	
3	4460466	1	Plug, Seal	
4	4460418	7	Connector - 6 Position	
4	4460419	14	Terminal	
4	1001159186	14	Terminal	
5	4460418	1	Connector - 6 Position	
5	4460419	2	Terminal	
5	1001159186	1	Terminal	
6	4460260	3	Housing, Terminal	
6	4460259	3	Terminal	
7	4460868	1	Connector - 6 Position	
7	4460877	4	Socket, Female	
8	4460320	1	Connector - 2 Position	
8	4460227	1	Pin, Male	
8	4460267	2	Pin, Male	
9	4460806	1	Terminal, Fork	
10	4460183	3	Terminal, Fork	
11	4460313	6	Terminal, Ring	

SECTION 8 - ELECTRICAL

FIGURE 8-42. INVERTER IGNITION HARNESS (110V INVERTER)



ART_1001192293

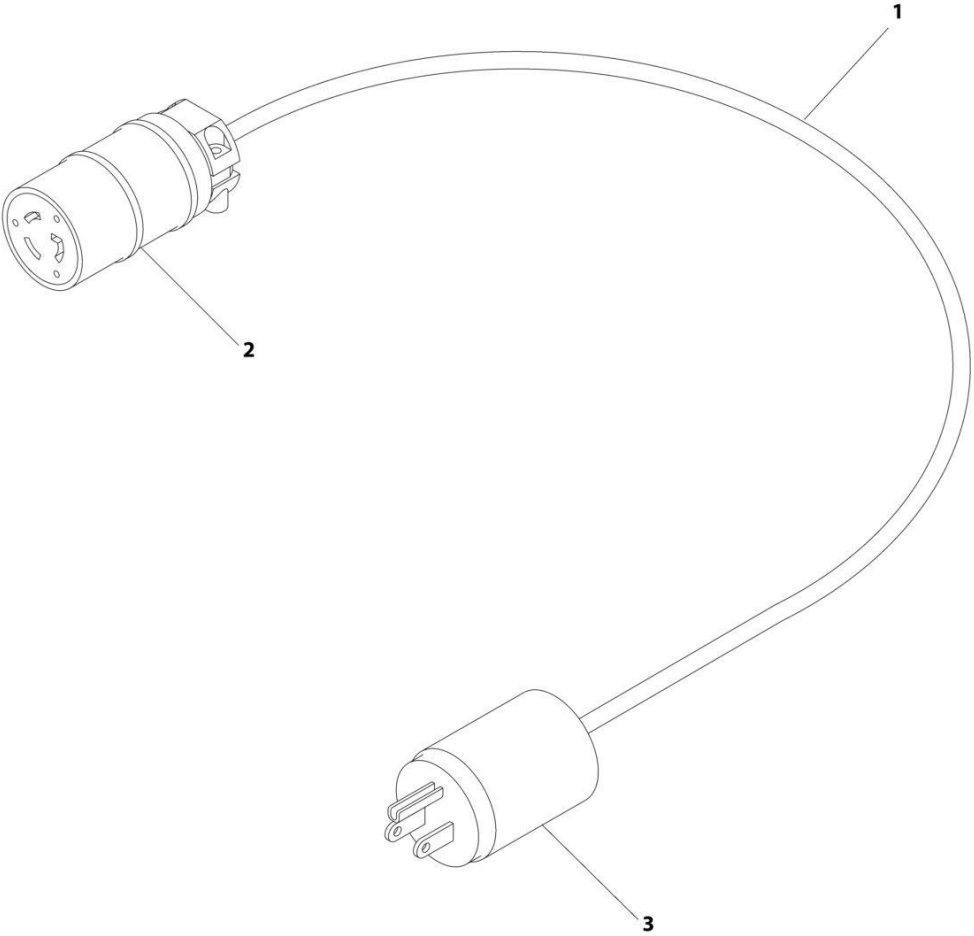
SECTION 8 - ELECTRICAL

FIGURE 8-42. INVERTER IGNITION HARNESS (110V INVERTER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192293	Ref	INVERTER IGNITION HARNESS	C
1	1001193545	1	Terminal	
2	4460891	1	Plug, Male - 2 Position	
2	4460465	1	Socket, Female	
2	4460466	1	Plug, Terminal	
3	4460897	1	Receptacle, Female - 2 Position	
3	4460464	1	Pin, Male	
3	4460466	1	Plug, Seal	

SECTION 8 - ELECTRICAL

FIGURE 8-43. INVERTER HARNESS (110V INVERTER)



ART_4922390

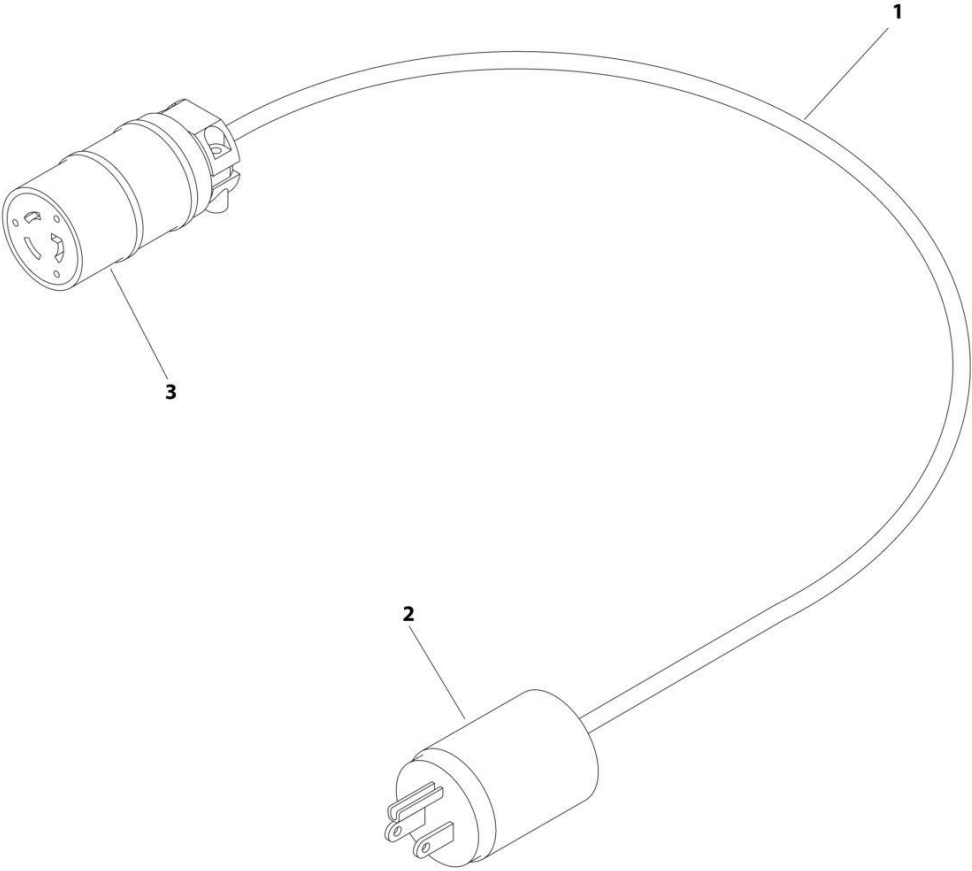
SECTION 8 - ELECTRICAL

FIGURE 8-43. INVERTER HARNESS (110V INVERTER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	4922390	Ref	INVERTER HARNESS	C
	1060494	75 in/ 190.5cm	Cable 12/3	
2	4460134	1	Receptacle, Female	
3	4460138	1	Plug, Connector	

SECTION 8 - ELECTRICAL

FIGURE 8-44. INVERTER HARNESS (220V INVERTER)



ART_4922647

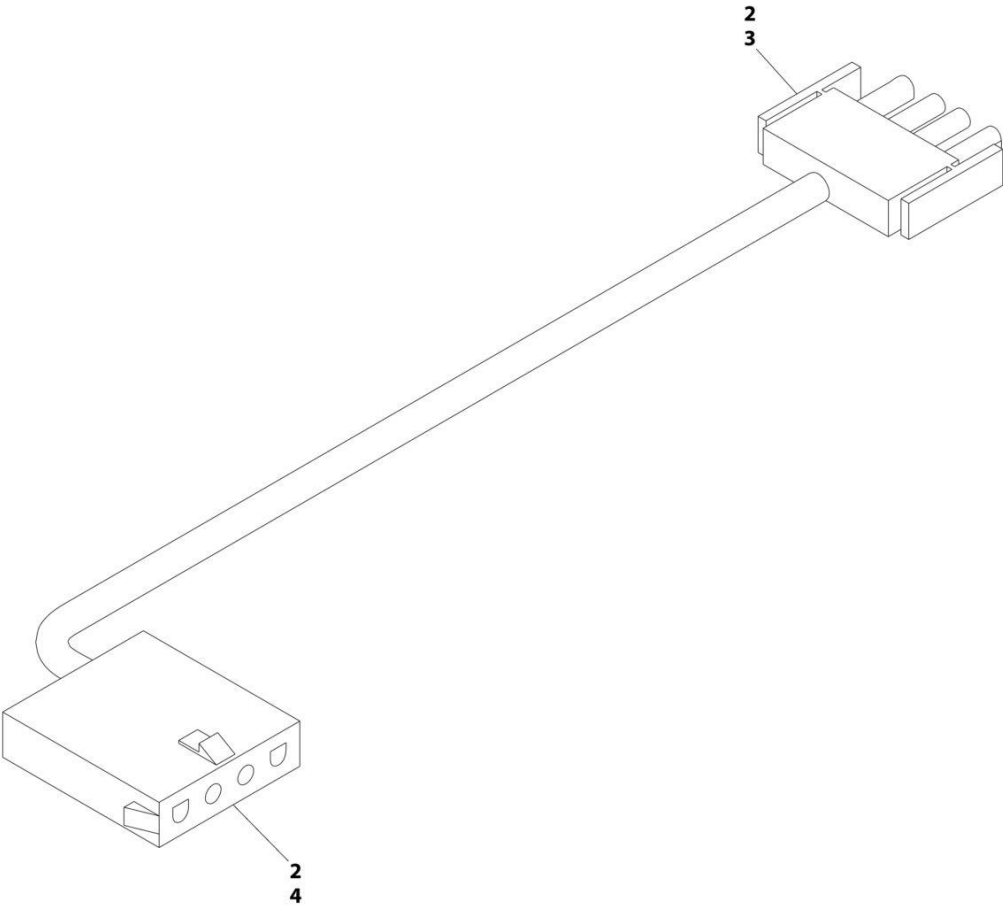
SECTION 8 - ELECTRICAL

FIGURE 8-44. INVERTER HARNESS (220V INVERTER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	4922647	Ref	INVERTER HARNESS	A
	1060461	75 in/ 190.5cm	Cable 12/3	
2	4460138	1	Plug, Connector	
3	4460710	1	Receptacle, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-45. LED REMOTE HARNESS



ART_1060813

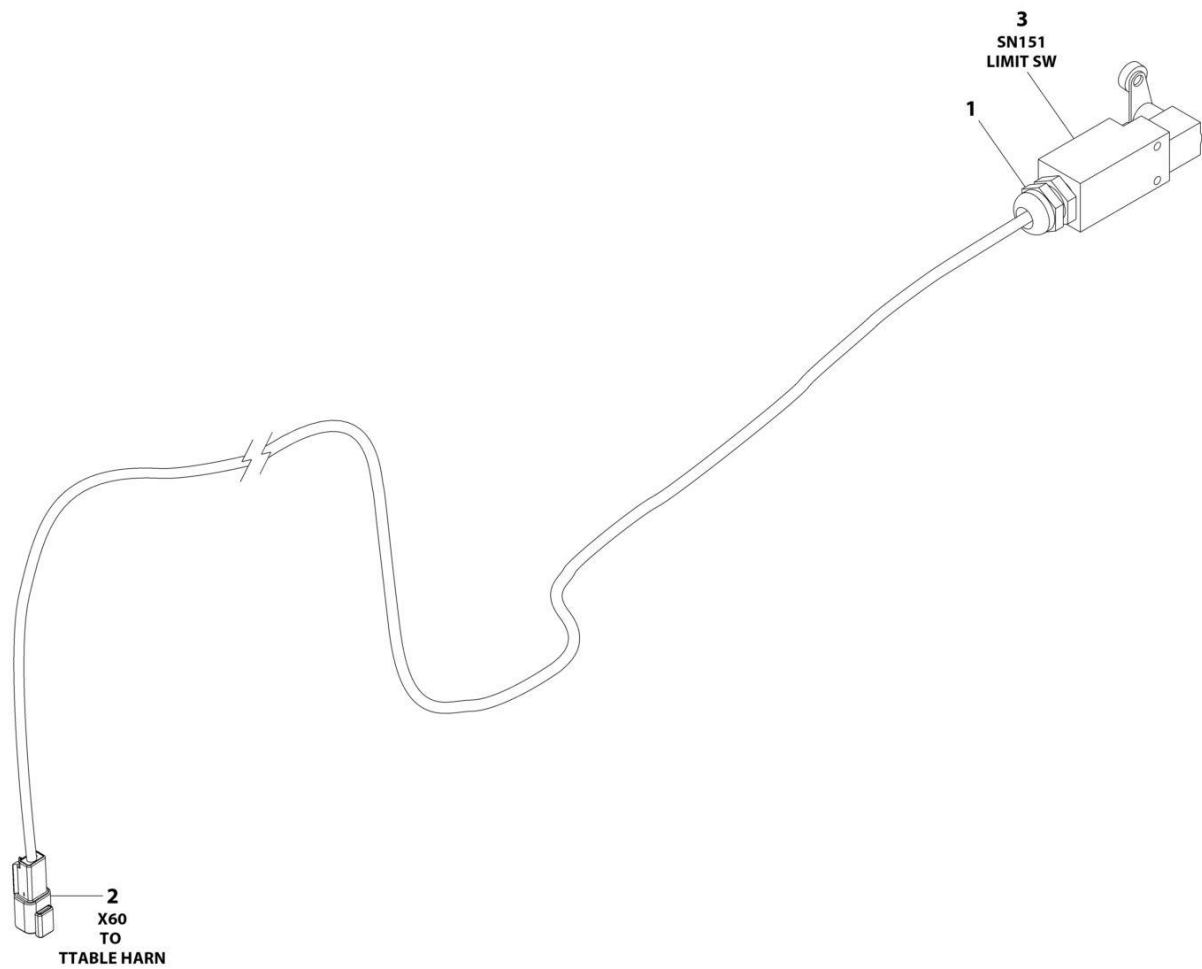
SECTION 8 - ELECTRICAL

FIGURE 8-45. LED REMOTE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1060813	Ref	LED REMOTE HARNESS	A
2	4460226	8	Socket, Female	
3	4460321	1	Connector - 4 Position	
4	4460761	1	Connector, Female - 4 Position	

SECTION 8 - ELECTRICAL

FIGURE 8-46. LIMIT SWITCH CABLE



ART_1001200173

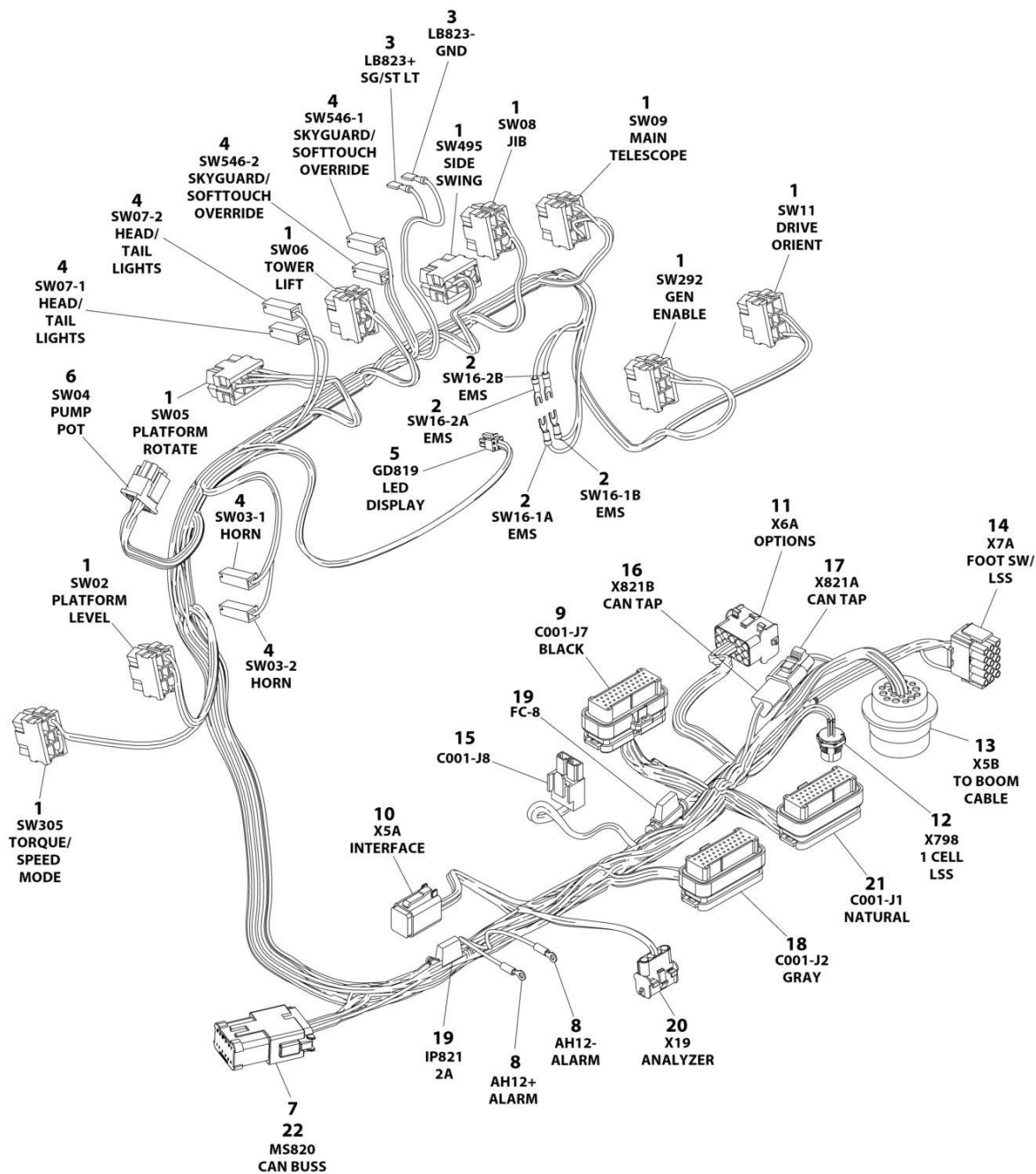
SECTION 8 - ELECTRICAL

FIGURE 8-46. LIMIT SWITCH CABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200173	Ref	LIMIT SWITCH CABLE	C
1	4460968	1	Connector, Strain Relief	
2	4460897	1	Connector - 2 Position	
2	4460464	2	Pin, Male	
3	4360578	1	Switch, Limit	

SECTION 8 - ELECTRICAL

FIGURE 8-47. PLATFORM CONSOLE HARNESS (PVC 2001)



ART_1001245673

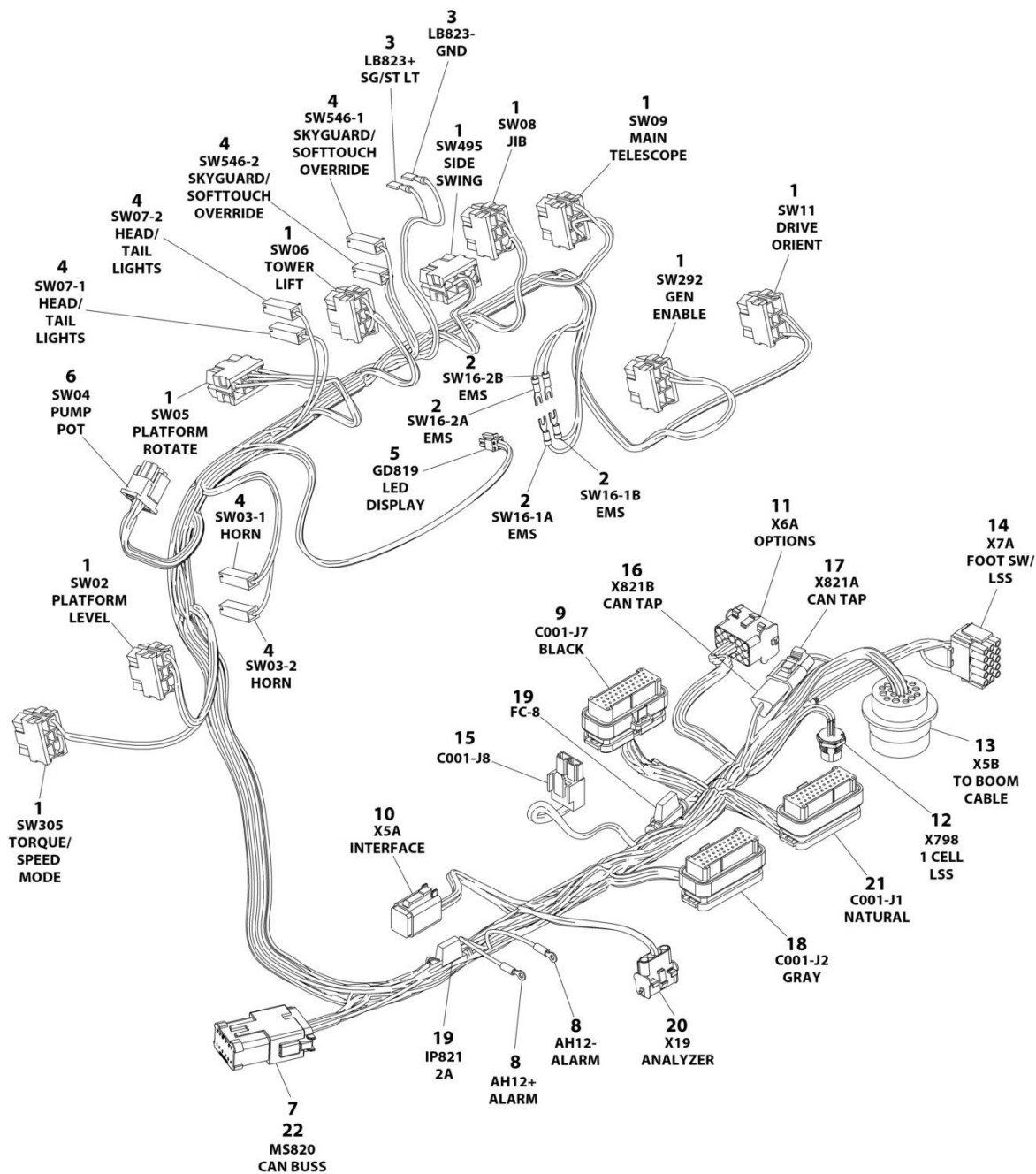
SECTION 8 - ELECTRICAL

FIGURE 8-47. PLATFORM CONSOLE HARNESS (PVC 2001)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001245673	Ref	PLATFORM CONSOLE HARNESS	D
1	4460418	9	Connector - 6 Position	
1	4460419	14	Terminal	
1	1001159186	18	Terminal	
2	4460888	4	Terminal, Fork	
3	4460016	2	Terminal	
4	4460260	6	Housing, Terminal	
4	4460259	8	Terminal	
5	1001237667	1	Connector - 6 Position	
5	1001237668	4	Terminal	
6	4460225	1	Connector - 6 Position	
6	4460267	7	Socket, Female	
7	4460933	1	Plug, Male - 12 Position	
7	4460465	10	Socket, Female	
7	4460466	2	Plug, Terminal	
8	1001098122	2	Terminal, Ring	
9	4460873	1	Connector - 35 Position	
9	4460871	21	Socket, Female	
9	4460905	14	Plug, Terminal	
10	4460894	1	Plug, Male - 6 Position	
10	4460465	6	Socket, Female	
11	4460708	1	Connector - 15 Position	
11	4460226	12	Socket, Female	
12	1001213447	1	Connector, Female - 5 Position	
13	4460866	1	Connector - 19 Position	
13	4460466	7	Plug, Terminal	
13	4460464	10	Pin, Male	
13	4460508	2	Pin, Male	
14	4460434	1	Plug, Male - 15 Position	
14	4460227	9	Pin, Male	
15	4460879	1	Plug, Male - 2 Position	
15	4460887	2	Terminal	
16	4460536	1	Receptacle, Female - 3 Position	
16	4460464	2	Pin, Male	
16	4460466	1	Plug, Terminal	
17	4460539	1	Plug, Male - 3 Position	
17	4460465	2	Socket, Female	
17	4460466	1	Plug, Terminal	
18	4460875	1	Connector - 35 Position	
18	4460905	24	Plug, Terminal	
18	4460871	11	Socket, Female	
19	2400060	2	Holder, Fuse	
19	8229242	1	Fuse - 5Amp	
19	See Note	1	Fuse - 2Amp (Note: Purchase Locally)	
20	4460761	1	Receptacle, Female - 4 Position	
20	4460227	4	Pin, Male	
21	4460874	1	Connector - 35 Position	
21	4460871	24	Socket, Female	
21	4460905	11	Plug, Terminal	
22	1001125677	1	Connector, Bussbar	

SECTION 8 - ELECTRICAL

FIGURE 8-48. PLATFORM CONSOLE HARNESS (PVC 2007)



ART_1001245673_D

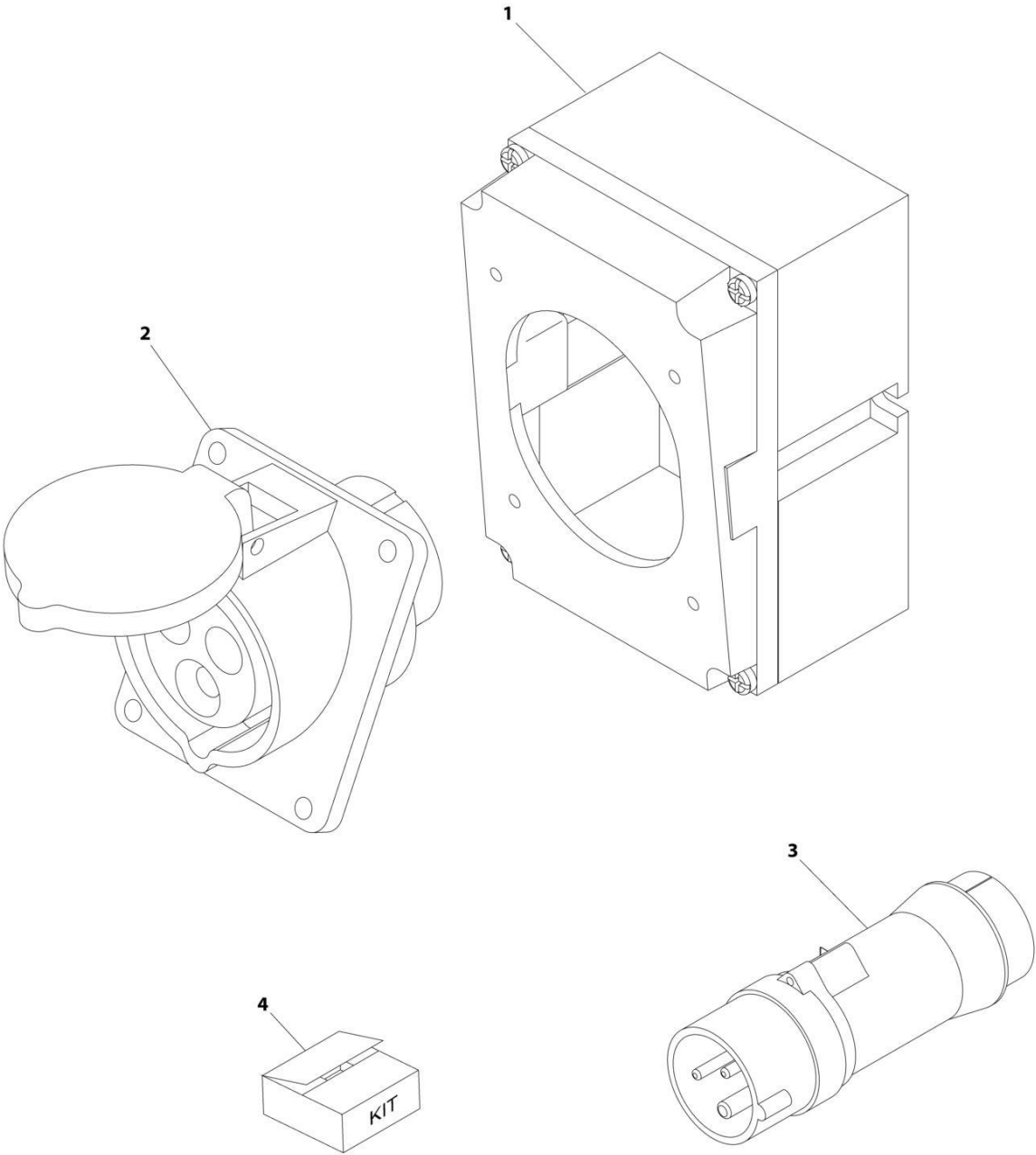
SECTION 8 - ELECTRICAL

FIGURE 8-48. PLATFORM CONSOLE HARNESS (PVC 2007)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001245673	Ref	PLATFORM CONSOLE HARNESS	D
1	4460418	9	Connector - 6 Position	
1	4460419	14	Terminal	
1	1001159186	18	Terminal	
2	4460888	4	Terminal, Fork	
3	4460016	2	Terminal	
4	4460260	6	Housing, Terminal	
4	4460259	8	Terminal	
5	1001237667	1	Connector - 6 Position	
5	1001237668	4	Terminal	
6	4460225	1	Connector - 6 Position	
6	4460267	7	Socket, Female	
7	4460933	1	Plug, Male - 12 Position	
7	4460465	10	Socket, Female	
7	4460466	2	Plug, Terminal	
8	1001098122	2	Terminal, Ring	
9	4460873	1	Connector - 35 Position	
9	4460871	21	Socket, Female	
9	4460905	14	Plug, Terminal	
10	4460894	1	Plug, Male - 6 Position	
10	4460465	6	Socket, Female	
11	4460708	1	Connector - 15 Position	
11	4460268	10	Socket, Female	
12	1001213447	1	Connector, Female - 5 Position	
13	4460866	1	Connector - 19 Position	
13	4460466	7	Plug, Terminal	
13	4460464	10	Pin, Male	
13	4460508	2	Pin, Male	
14	4460434	1	Plug, Male - 15 Position	
14	4460294	9	Pin, Male	
15	4460879	1	Plug, Male - 2 Position	
15	4460887	2	Terminal	
16	4460536	1	Receptacle, Female - 3 Position	
16	4460464	2	Pin, Male	
16	4460466	1	Plug, Terminal	
17	4460539	1	Plug, Male - 3 Position	
17	4460465	2	Socket, Female	
17	4460466	1	Plug, Terminal	
18	4460875	1	Connector - 35 Position	
18	4460905	24	Plug, Terminal	
18	4460871	11	Socket, Female	
19	2400060	2	Holder, Fuse	
19	8229242	1	Fuse - 5Amp	
19	See Note	1	Fuse - 2Amp (Note: Purchase Locally)	
20	4460761	1	Receptacle, Female - 4 Position	
20	4460294	4	Pin, Male	
21	4460874	1	Connector - 35 Position	
21	4460871	24	Socket, Female	
21	4460905	11	Plug, Terminal	
22	1001125677	1	Connector, Bussbar	

SECTION 8 - ELECTRICAL

FIGURE 8-49. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE SPEC)



ART_0275216

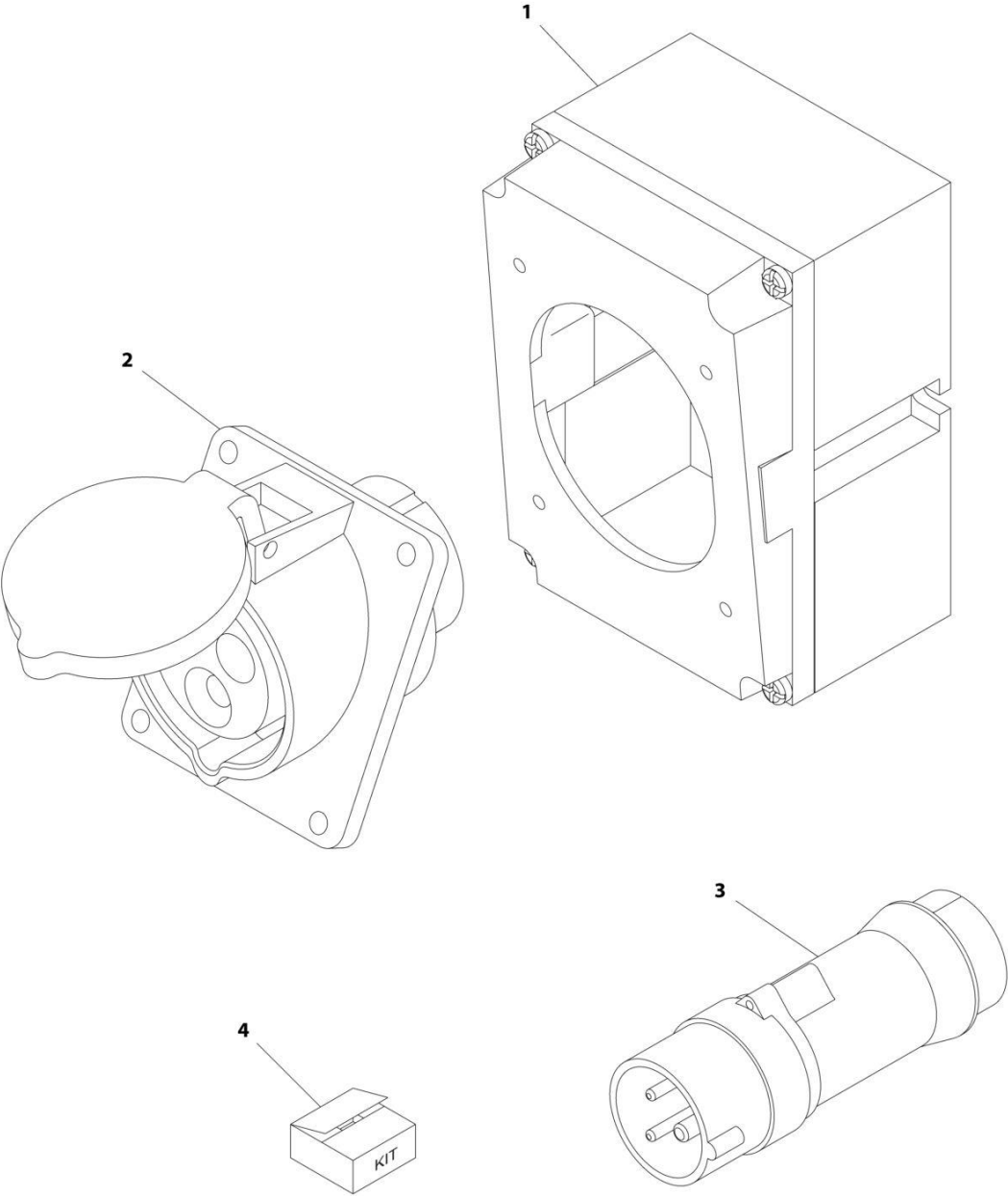
SECTION 8 - ELECTRICAL

FIGURE 8-49. 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 8-50. RECEPTACLE BOX KIT - 220V IEC BLUE (CE SPEC)



ART_0275217

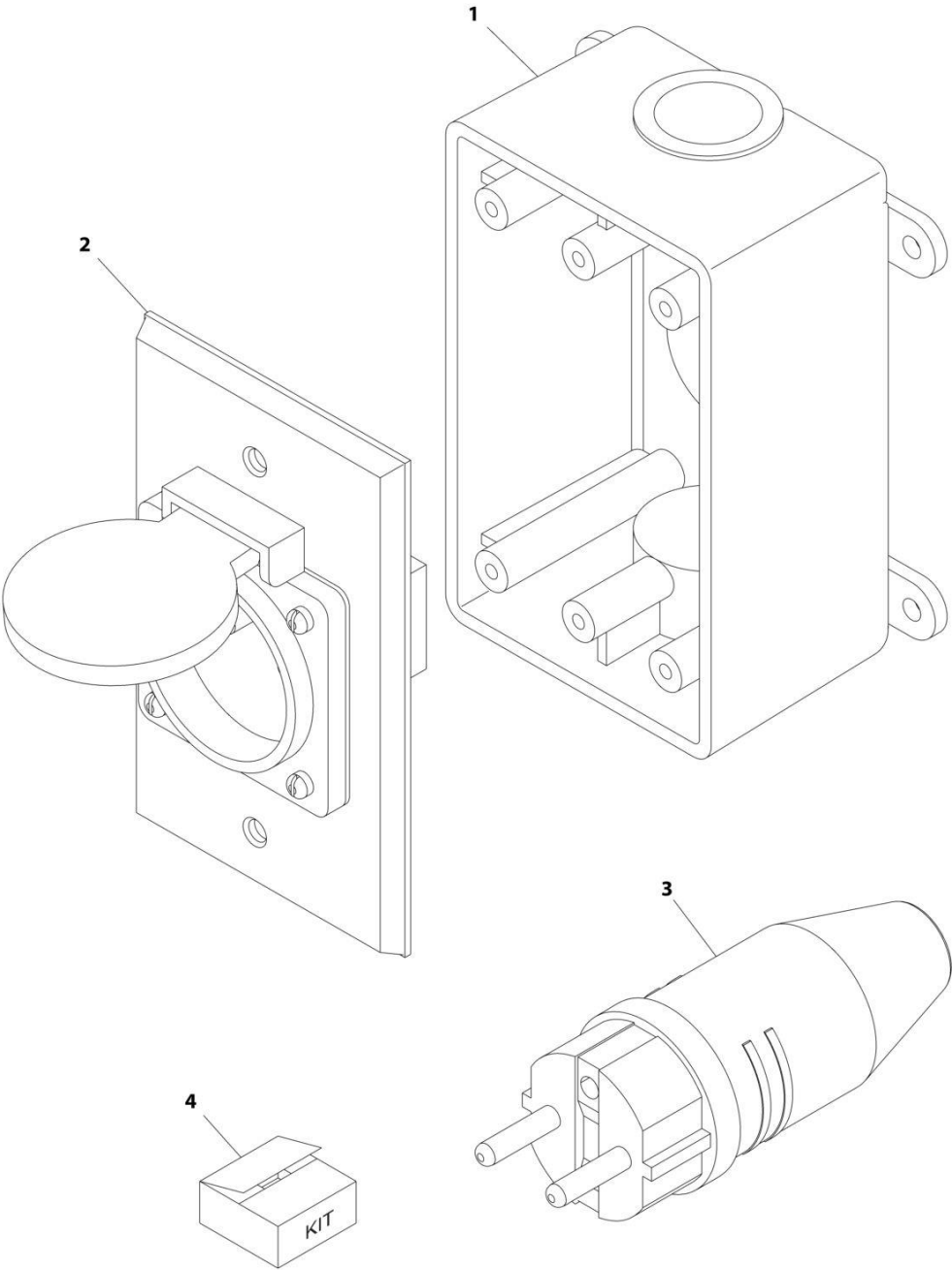
SECTION 8 - ELECTRICAL

FIGURE 8-50. 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 8-51. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2IN X 4IN BOX (CE SPEC)



ART_0275452-C

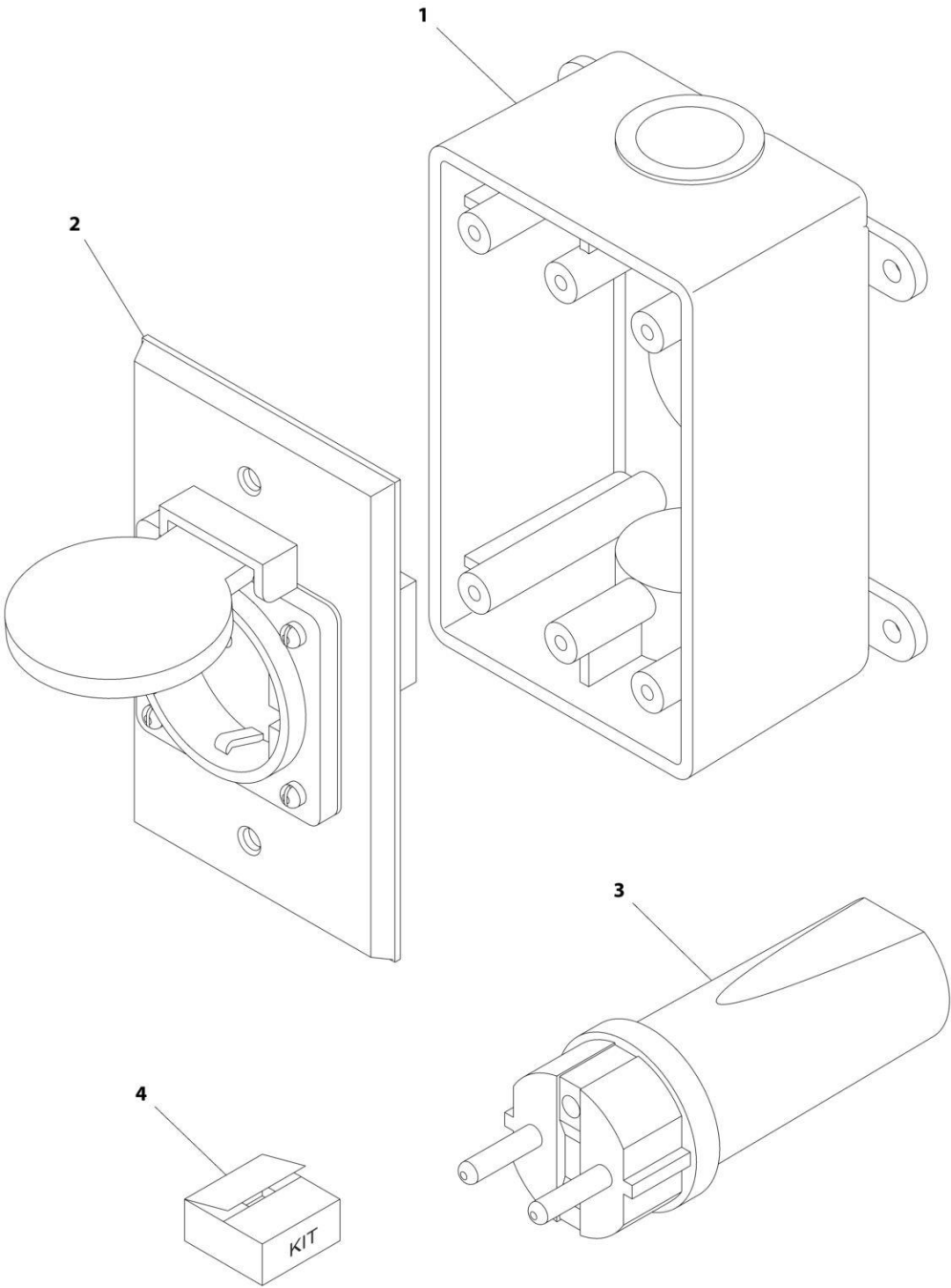
SECTION 8 - ELECTRICAL

FIGURE 8-51. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2IN X 4IN 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 8-52. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND 2IN X 4IN BOX (CE SPEC)



ART_0275453

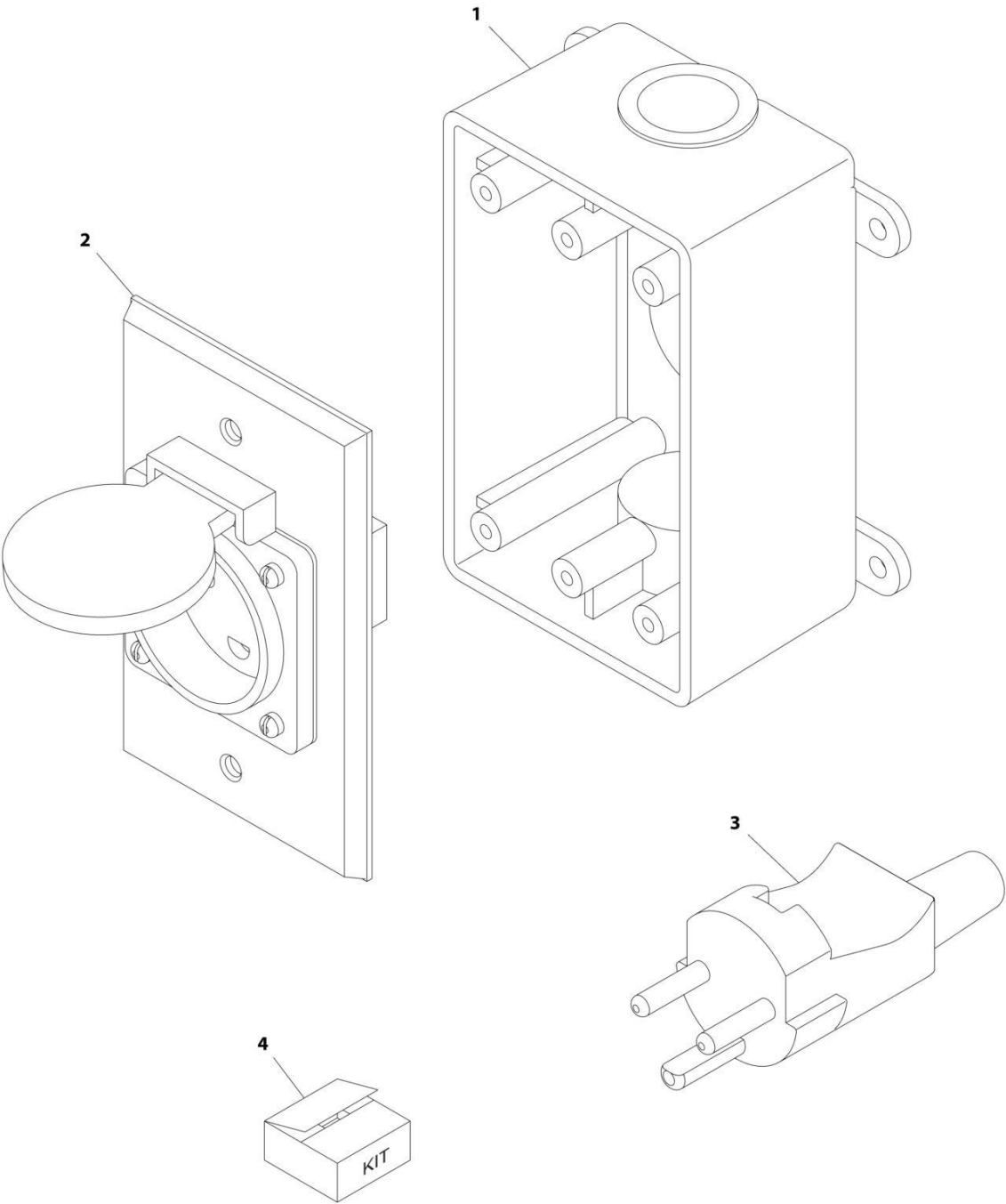
SECTION 8 - ELECTRICAL

FIGURE 8-52. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND 2IN X 4IN BOX (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 8-53. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE SPEC)



ART_0275454

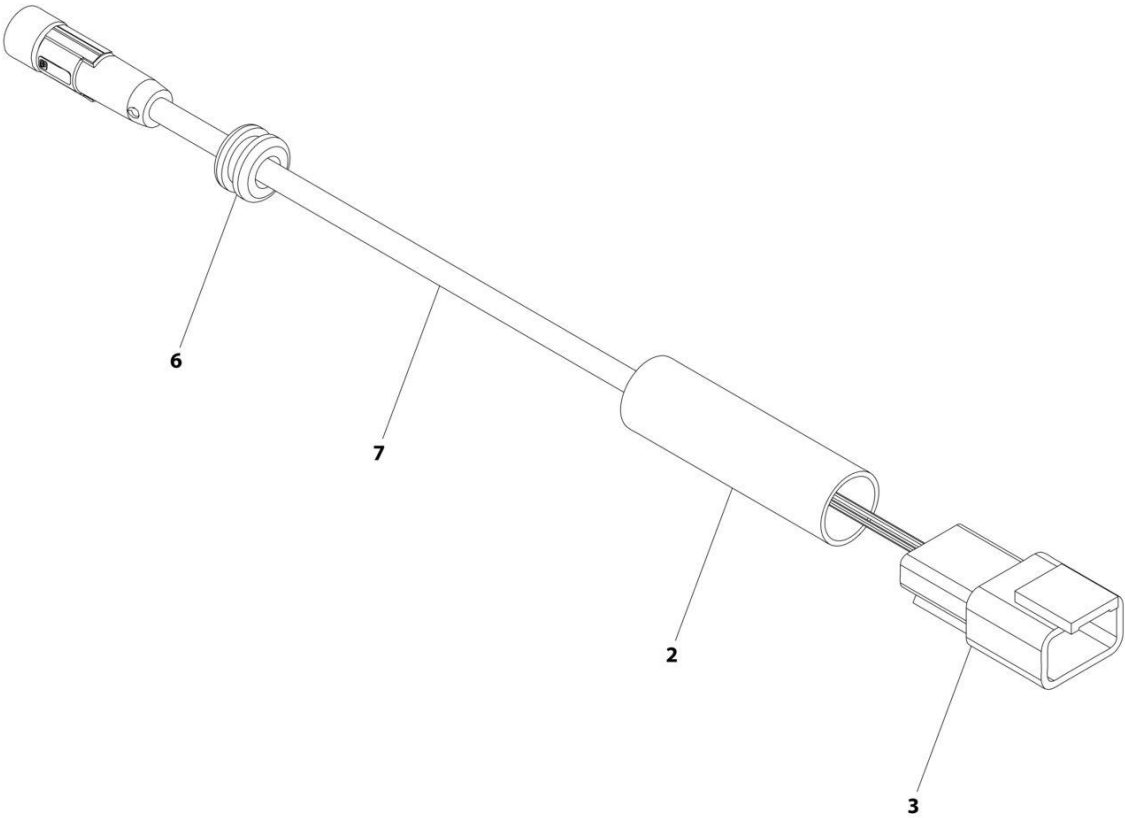
SECTION 8 - ELECTRICAL

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



ART_1001237864

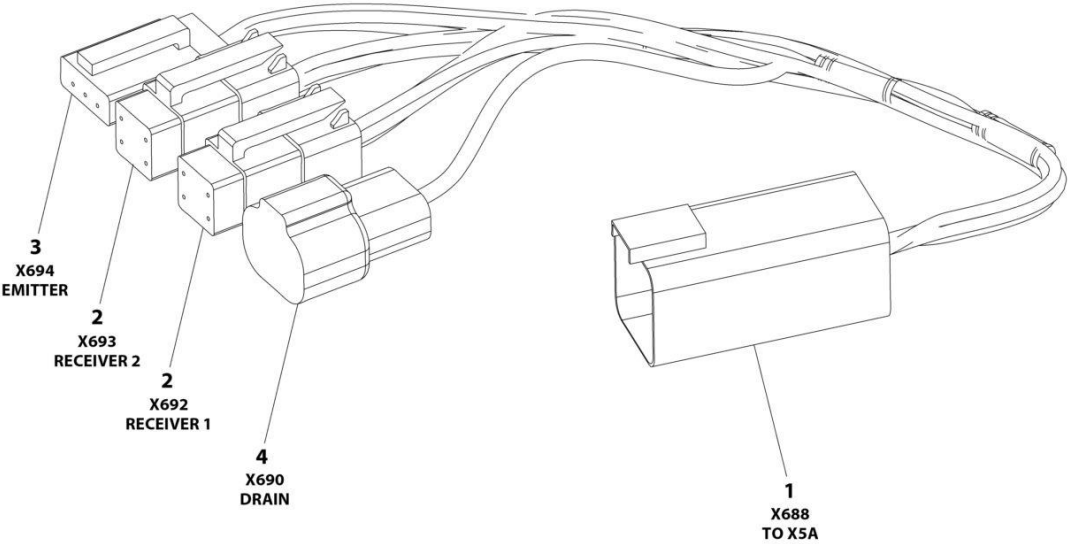
SECTION 8 - ELECTRICAL

FIGURE 8-54. 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 8-55. SKYEYE INTERMEDIATE HARNESS



ART_1001237865

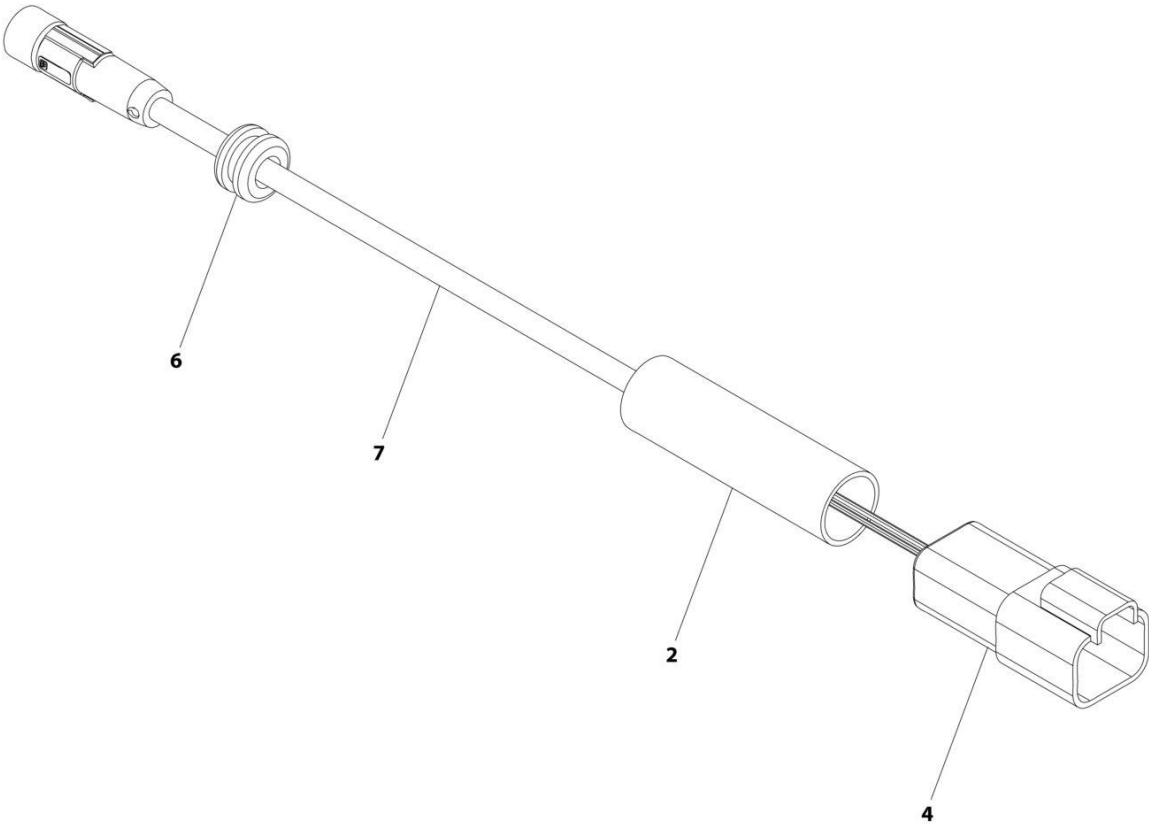
SECTION 8 - ELECTRICAL

FIGURE 8-55. 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 8-56. SKYEYE RECEIVER HARNESS



ART_1001237863

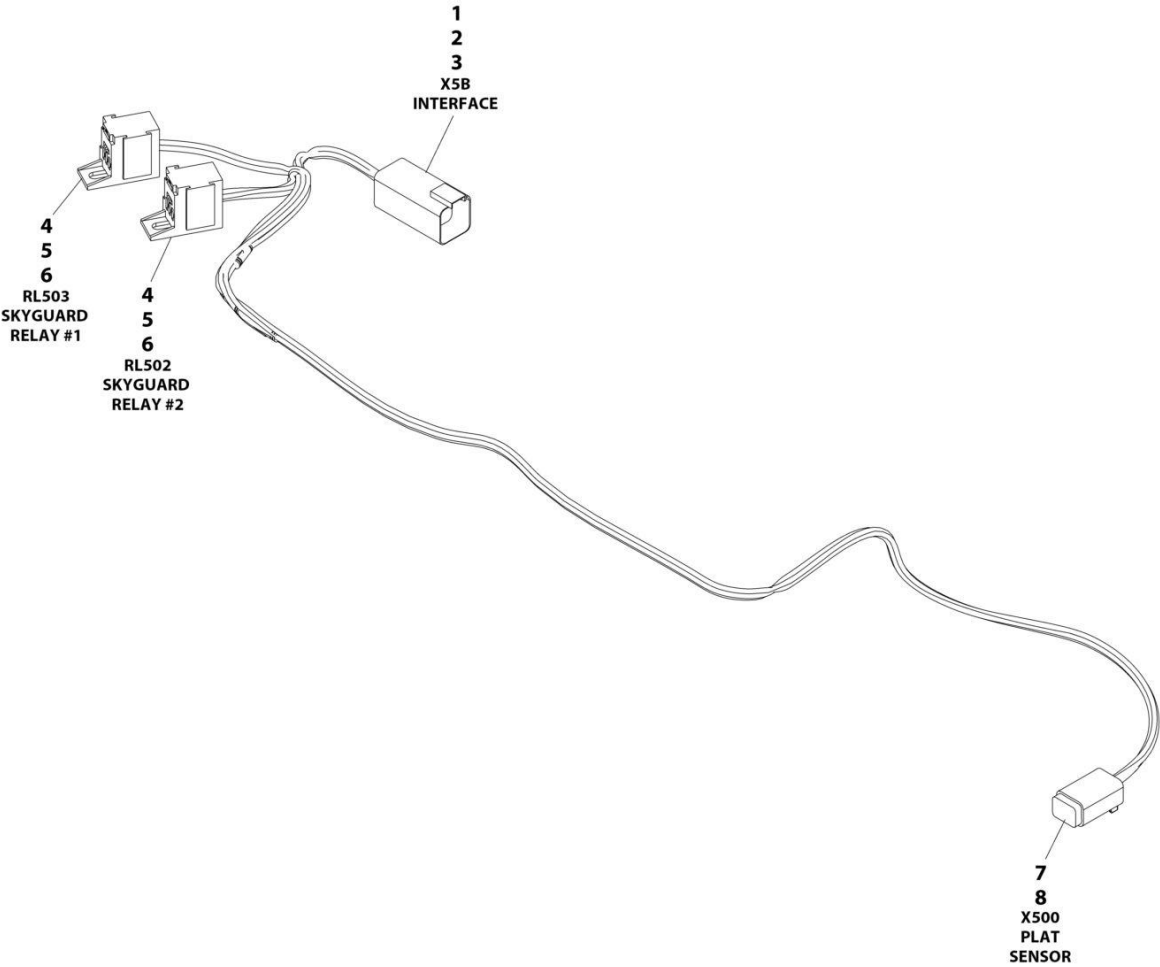
SECTION 8 - ELECTRICAL

FIGURE 8-56. 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 8-57. SKYGUARD INTERFACE HARNESS



ART_1001225580

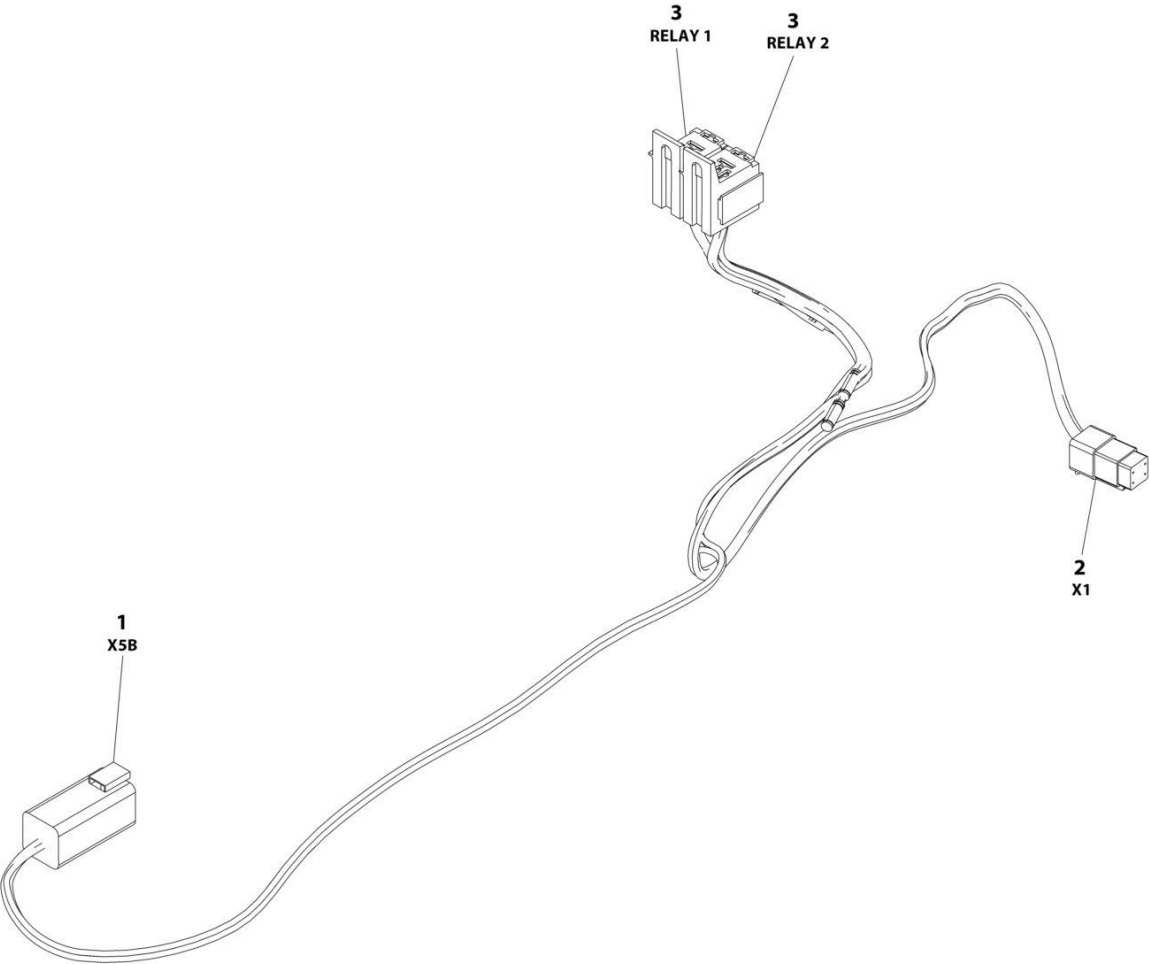
SECTION 8 - ELECTRICAL

FIGURE 8-57. SKYGUARD 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 8 - ELECTRICAL

FIGURE 8-58. SKYLINE HARNESS



ART_1001238418

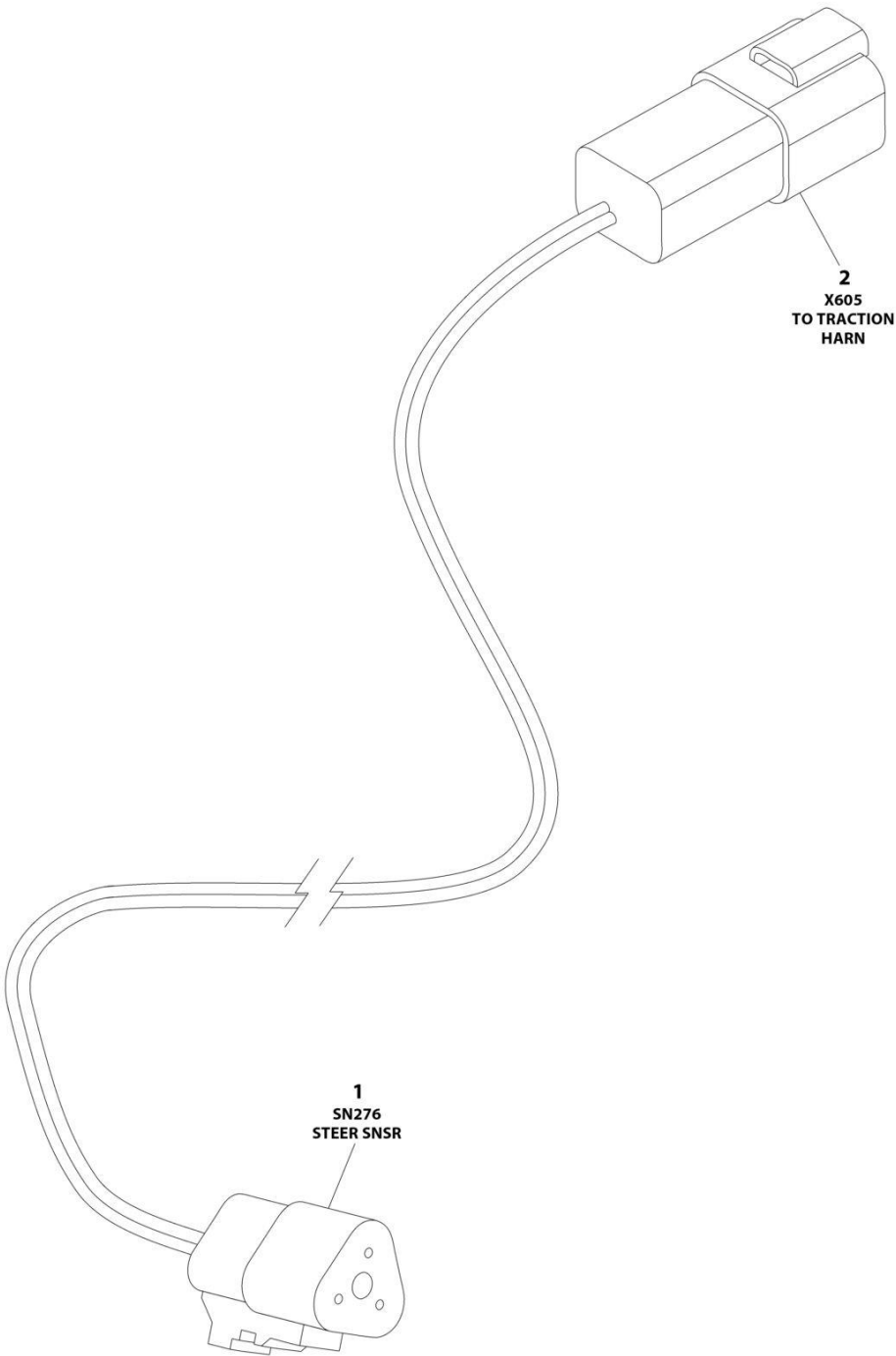
SECTION 8 - ELECTRICAL

FIGURE 8-58. 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 8-59. STEERING SENSOR HARNESS



ART_1001195835

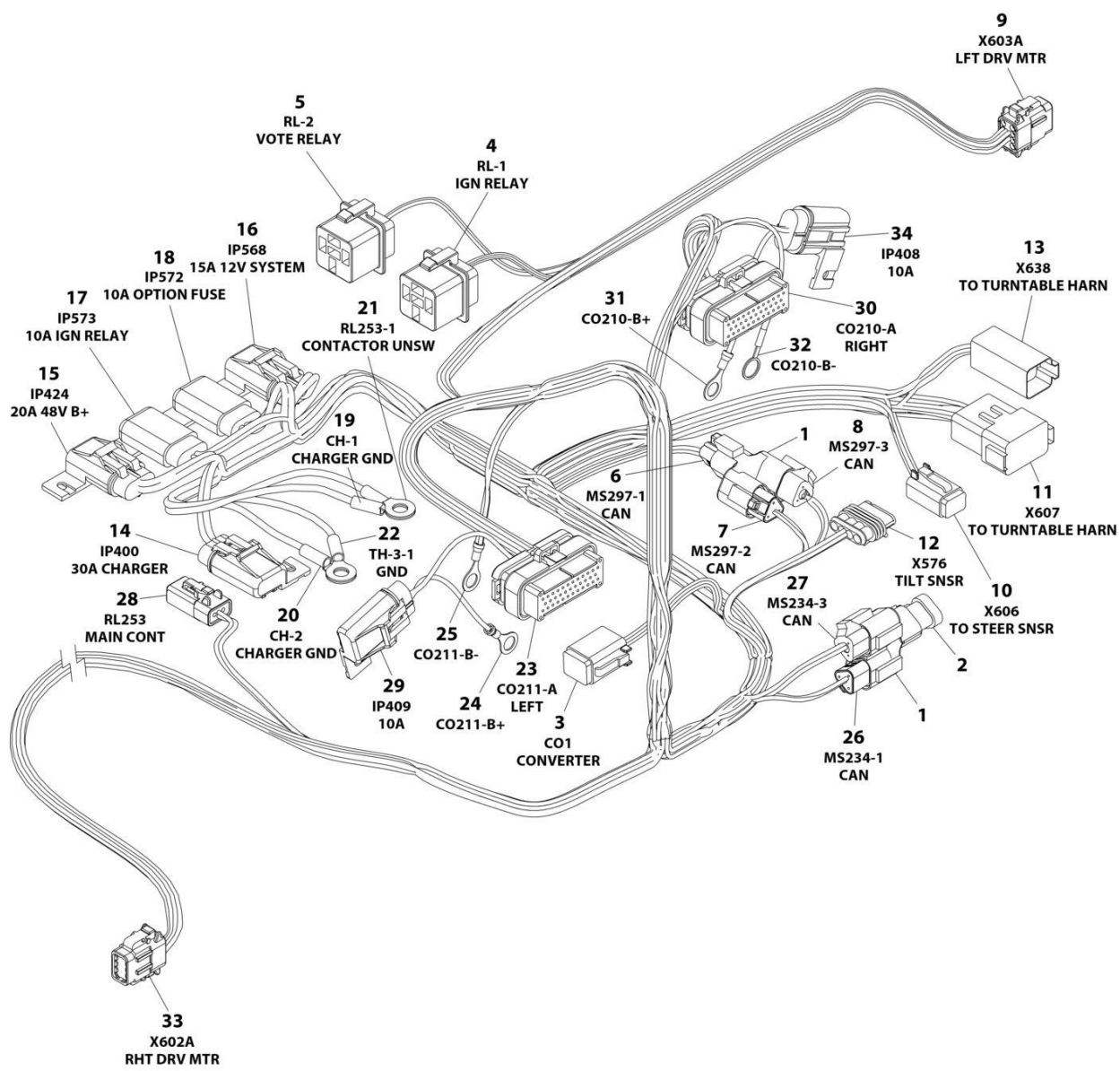
SECTION 8 - ELECTRICAL

FIGURE 8-59. STEERING SENSOR HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001195835	Ref	STEERING SENSOR HARNESS	C
1	4460539	1	Connector - 4 Position	
1	4460944	3	Socket, Female	
2	4460932	1	Connector - 4 Position	
2	4460464	4	Pin, Male	

SECTION 8 - ELECTRICAL

FIGURE 8-60. TRACTION HARNESS



ART_1001195867

SECTION 8 - ELECTRICAL

FIGURE 8-60. TRACTION HARNESS

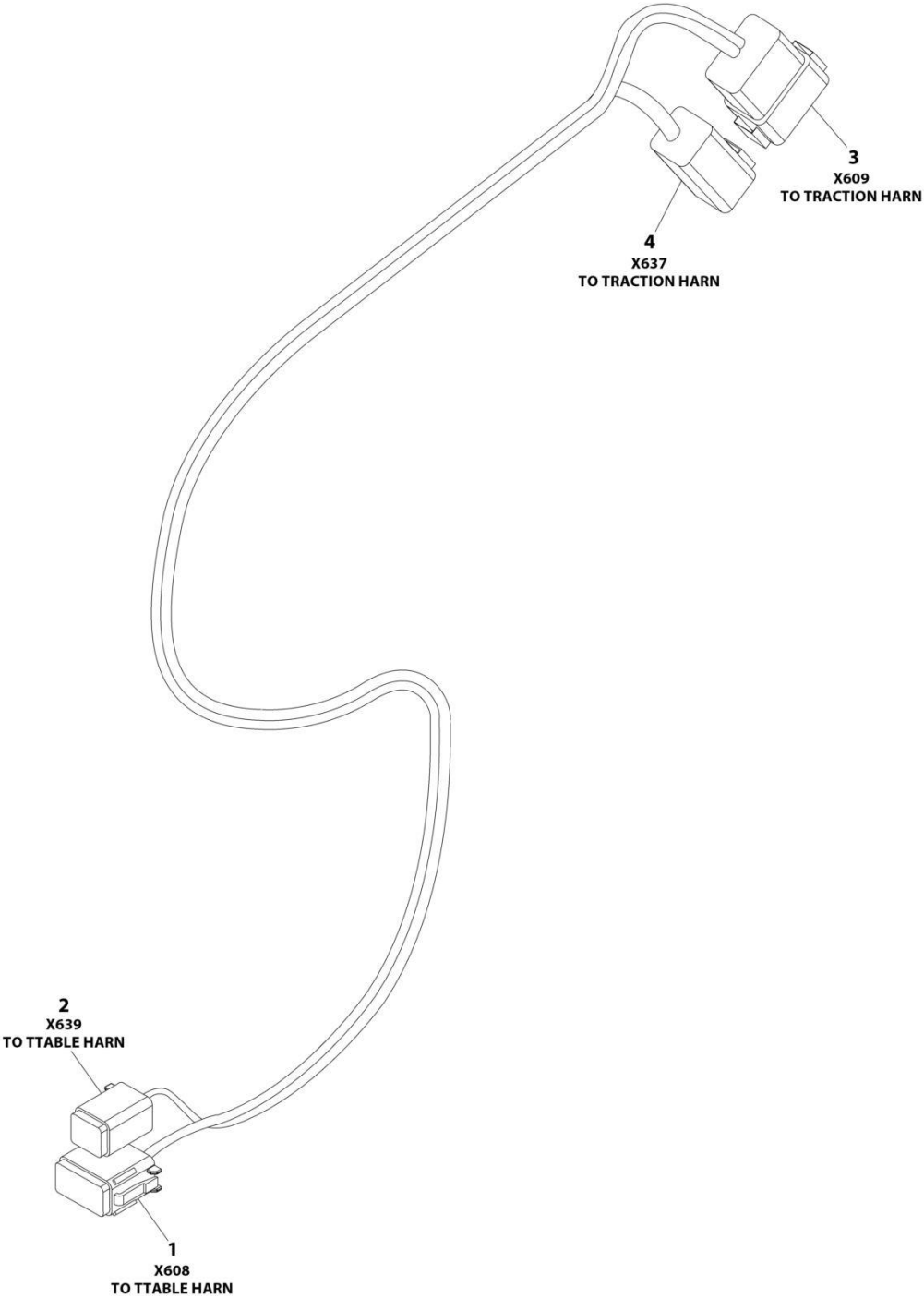
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001195867	Ref	TRACTION HARNESS	F
1	4460945	2	Connector, 3 Way	
2	1001116815	1	Resistor Assembly	
3	4460894	1	Connector - 6 Position	
3	1001157890	5	Socket, Female	
3	1001116692	1	Socket, Female	
4	4460374	1	Plug, Relay	
4	1001116732	4	Terminal	
4	1001116763	2	Seal, Terminal	
5	4460374	1	Plug, Relay	
5	1001116732	2	Terminal	
5	1001116733	2	Terminal	
5	1001116763	2	Seal, Terminal	
6	1001116812	1	Connector - 3 Position	
6	4460944	2	Socket, Female	
6	4460466	1	Plug, Seal	
7	4460539	1	Connector - 3 Position	
7	4460944	2	Socket, Female	
7	4460466	1	Plug, Seal	
8	1001116812	1	Connector - 3 Position	
8	4460944	2	Socket, Female	
8	4460466	1	Plug, Seal	
9	1001190577	1	Connector - 8	
9	1001126008	8	Socket, Female	
10	4460884	1	Connector - 4 Position	
10	4460465	4	Socket, Female	
11	4460950	1	Connector - 12 Position	
11	1001157891	5	Pin, Male	
11	4460464	5	Pin, Male	
11	4460943	2	Pin, Male	
12	1001103012	1	Connector - 4 Position	
12	1001107854	4	Terminal	
12	1001104498	4	Seal	
13	4460899	1	Connector - 6 Position	
13	4460943	2	Pin, Male	
13	1001157891	2	Pin, Male	
13	4460464	2	Pin, Male	
14	1001217844	1	Fuse Holder	
14	1001217842	1	Fuse, Cap Cover	
14	8229236	1	Fuse, 30Amp	
14	1001116734	2	Terminal	
15	1001217844	1	Fuse Holder	
15	1001217842	1	Fuse, Cap Cover	
15	8229235	1	Fuse, 20Amp	
15	1001116734	2	Terminal	
16	1001217844	1	Fuse Holder	
16	1001217842	1	Fuse, Cap Cover	
16	8229237	1	Fuse, 15Amp	
16	1001116734	2	Terminal	
17	1001217844	1	Fuse Holder	

SECTION 8 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
17	1001217842	1	Fuse, Cap Cover	
17	8229235	1	Fuse, 20Amp	
17	1001116734	2	Terminal	
18	1001217844	1	Fuse Holder	
18	1001217842	1	Fuse, Cap Cover	
18	8229261	1	Fuse, 5Amp	
18	1001116734	1	Terminal	
18	1001116733	1	Terminal	
19	8220045	1	Terminal, Ring	
20	8220045	1	Terminal, Ring	
21	8220045	1	Terminal, Ring	
22	8220045	1	Terminal, Ring	
23	4460873	1	Connector - 35 Position	
23	4460871	15	Socket, Female	
23	4460905	20	Plug, Terminal	
24	4460670	1	Terminal, Ring	
25	4460670	1	Terminal, Ring	
26	1001116812	1	Connector - 3 Position	
26	4460944	2	Socket, Female	
26	4460466	1	Plug, Seal	
27	4460539	1	Connector - 3 Position	
27	4460944	2	Socket, Female	
27	4460466	1	Plug, Seal	
28	1001126245	1	Connector - 2 Position	
28	1001126008	2	Socket, Female	
29	1001217843	1	Fuse Holder	
29	1001217842	1	Fuse, Cap Cover	
29	8229234	1	Fuse, 10Amp	
29	1001116733	2	Terminal	
30	4460873	1	Connector - 35 Position	
30	4460871	12	Socket, Female	
30	4460905	23	Plug, Terminal	
31	4460670	1	Terminal, Ring	
32	4460703	1	Terminal, Ring	
33	1001190577	1	Connector - 8 Position	
33	1001126008	8	Socket, Female	
34	1001217843	1	Fuse Holder	
34	1001217842	1	Fuse, Cap Cover	
34	8229234	1	Fuse, 10Amp	
34	1001116733	2	Terminal	

SECTION 8 - ELECTRICAL

FIGURE 8-61. TRACTION TO TURNTABLE HARNESS



ART_1001195836

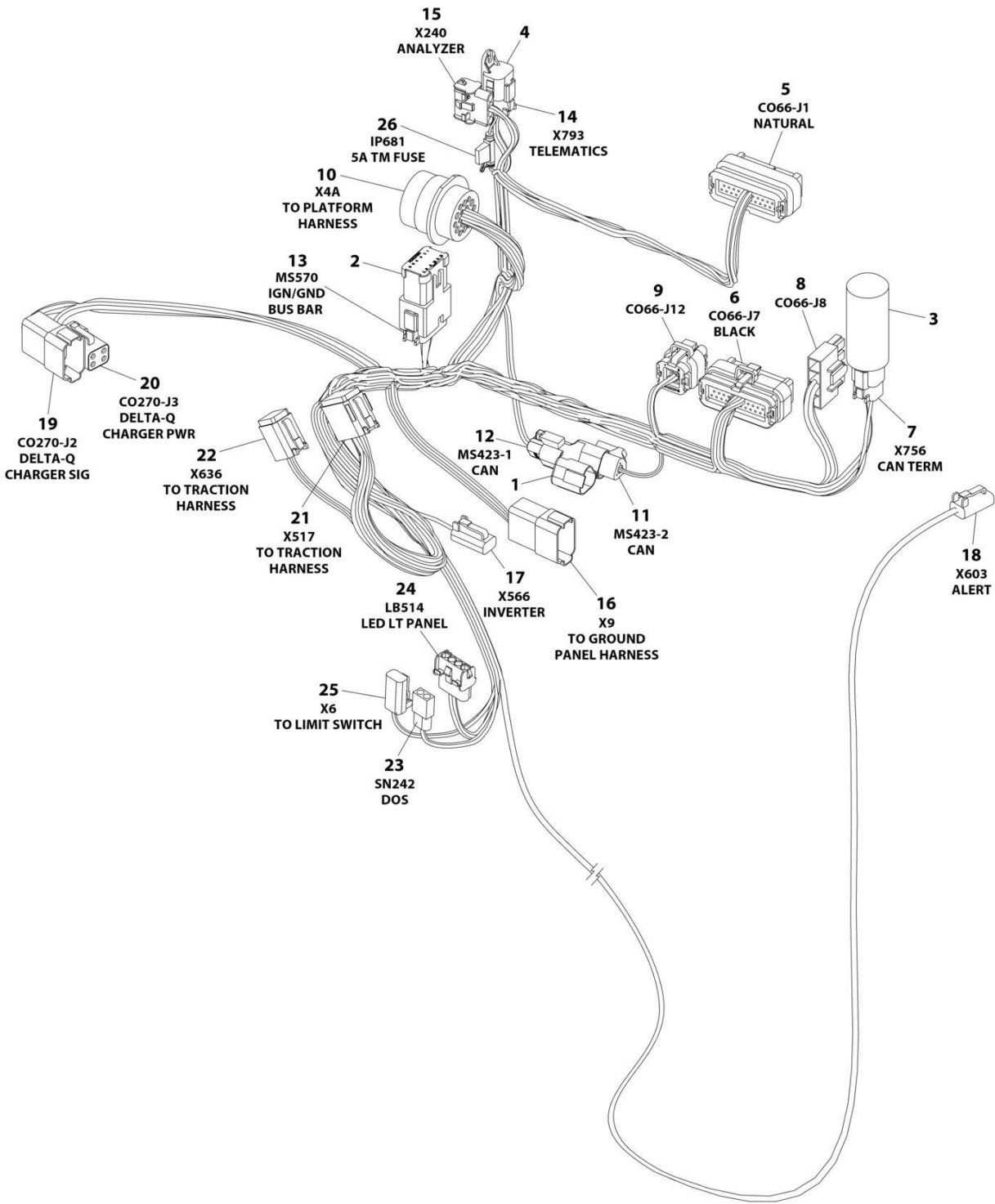
SECTION 8 - ELECTRICAL

FIGURE 8-61. TRACTION TO TURNTABLE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001195836	Ref	TRACTION TO TURNTABLE HARNESS	D
1	4460950	1	Connector - 12 Position	
1	1001157891	5	Pin, Male	
1	4460464	5	Pin, Male	
1	4460943	2	Pin, Male	
2	4460899	1	Connector - 6 Position	
2	1001157891	2	Pin, Male	
2	4460464	2	Pin, Male	
2	4460943	2	Pin, Male	
3	4460836	1	Connector - 12 Position	
3	1001157890	5	Socket, Female	
3	4460465	5	Socket, Female	
3	4460944	2	Socket, Female	
4	4460894	1	Connector - 6 Position	
4	1001157890	2	Socket, Female	
4	4460465	2	Socket, Female	
4	4460944	2	Socket, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-62. TURNTABLE HARNESS



ART_1001245675

SECTION 8 - ELECTRICAL

FIGURE 8-62. TURNTABLE HARNESS

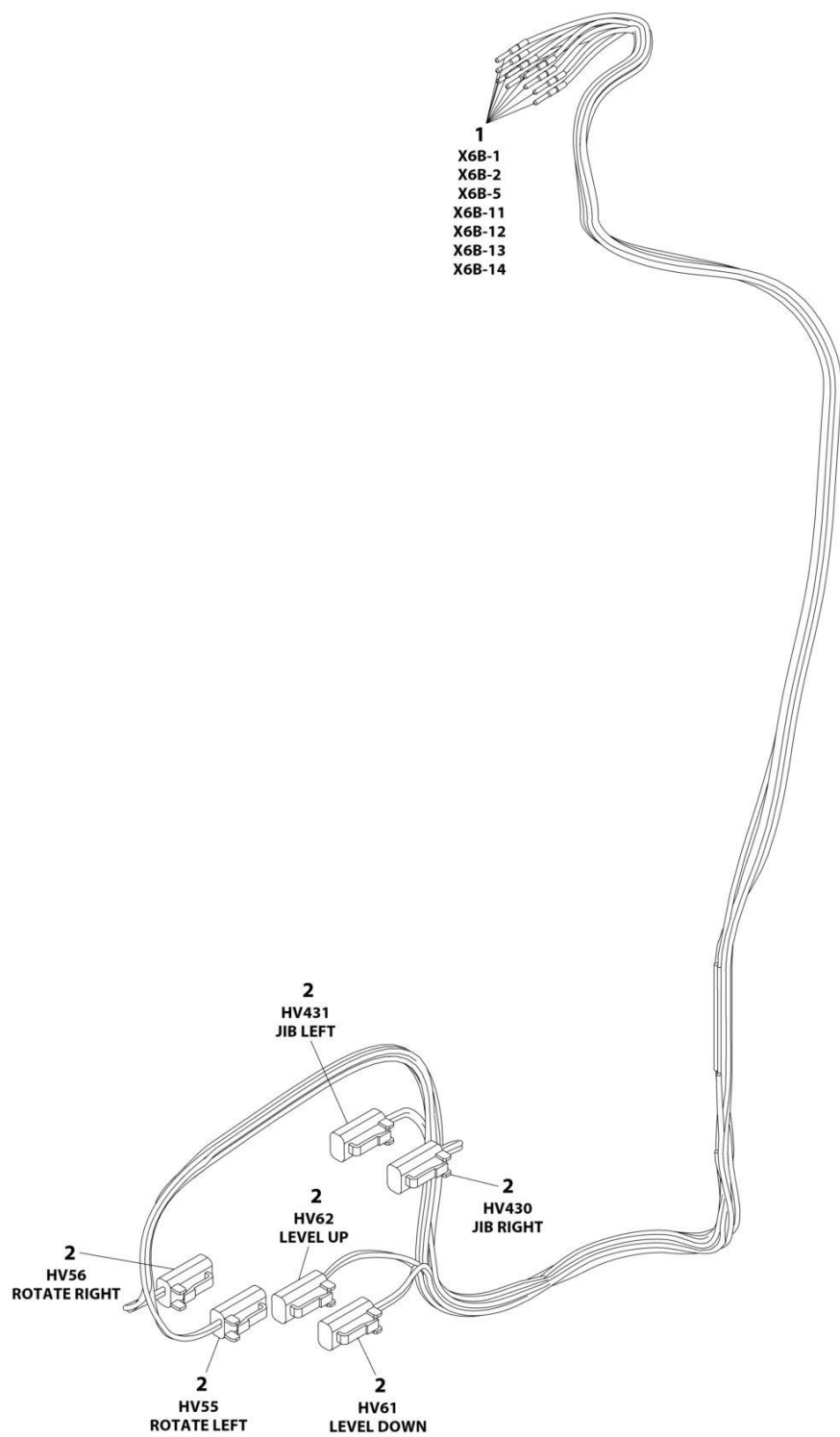
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001245675	Ref	TURNTABLE HARNESS	B
1	4460945	1	Connector, 3 Way	
2	1001125677	1	Connector, Buss Bar - 12 Position	
3	1001186231	1	Connector, Can Terminal	
4	1001192401	1	Connector, Dust Cap	
5	4460874	1	Connector - 35 Position (Natural)	
5	4460871	10	Socket, Female	
5	4460905	25	Plug, Terminal	
6	4460873	1	Connector - 35 Position (Black)	
6	4460871	15	Socket, Female	
6	4460905	20	Plug, Terminal	
7	4460884	1	Connector - 4 Position	
7	4460465	4	Socket, Female	
8	4460878	1	Connector - 4 Position	
8	4460887	4	Terminal	
9	1001113961	1	Connector - 8 Position	
9	4460871	3	Socket, Female	
9	4460905	5	Plug, Terminal	
10	4460866	1	Connector - 19 Pin	
10	4460464	7	Pin, Male	
10	4460508	4	Pin, Male	
10	4460943	2	Pin, Male	
10	4460466	6	Plug, Seal	
11	4460539	1	Terminal, Deutsch - 3 Position Female	
11	4460944	2	Socket, Female	
11	4460466	1	Plug, Terminal	
12	1001116812	1	Connector - 3 Position	
12	4460944	2	Socket, Female	
12	4460466	1	Plug, Terminal	
13	4460933	1	Connector - 12 Position (Gray)	
13	4460465	2	Socket, Female	
13	4460942	3	Socket, Female	
13	4460509	1	Socket, Female	
13	4460466	6	Plug, Terminal	
14	4460884	1	Connector - 4 Position	
14	4460465	3	Socket, Female	
14	4460942	1	Socket, Female	
15	4460761	1	Connector, Female - 4 Position	
15	4460227	4	Socket, Female	
16	4460931	1	Connector - 8 Position	
16	1001157891	2	Pin, Male	
16	1001116693	5	Pin, Male	
16	4460466	1	Plug, Terminal	
17	4460891	1	Connector - 2 Position	
17	4460465	1	Pin, Male	
17	4460466	1	Plug, Terminal	
18	4460891	1	Connector - 2 Position	
18	4460465	2	Pin, Male	
19	4460931	1	Connector - 8 Position	
19	4460464	6	Pin, Male	

SECTION 8 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
19	4460466	2	Plug, Terminal	
20	1001116810	1	Connector – 4 Position	
20	4460509	2	Socket, Female	
20	4460466	2	Plug, Terminal	
21	4460836	1	Connector - 12 Position	
21	1001157890	5	Socket, Female	
21	4460465	5	Socket, Female	
21	4460944	2	Socket, Female	
22	4460894	1	Connector - 6 Position	
22	1001157890	2	Socket, Female	
22	4460465	2	Socket, Female	
22	4460944	2	Socket, Female	
23	4460424	1	Connector - 2 Position	
23	4460226	2	Socket, Female	
24	4460761	1	Connector, Female - 4 Position	
24	4460227	4	Socket, Female	
25	4460891	1	Connector - 2 Position	
25	4460465	2	Pin, Male	
26	2400060	1	Fuse Holder with Cover	
26	8229242	1	Fuse 5 Amp	

SECTION 8 - ELECTRICAL

FIGURE 8-63. VALVE HARNESS - BOOM VALVE



ART_1001255918

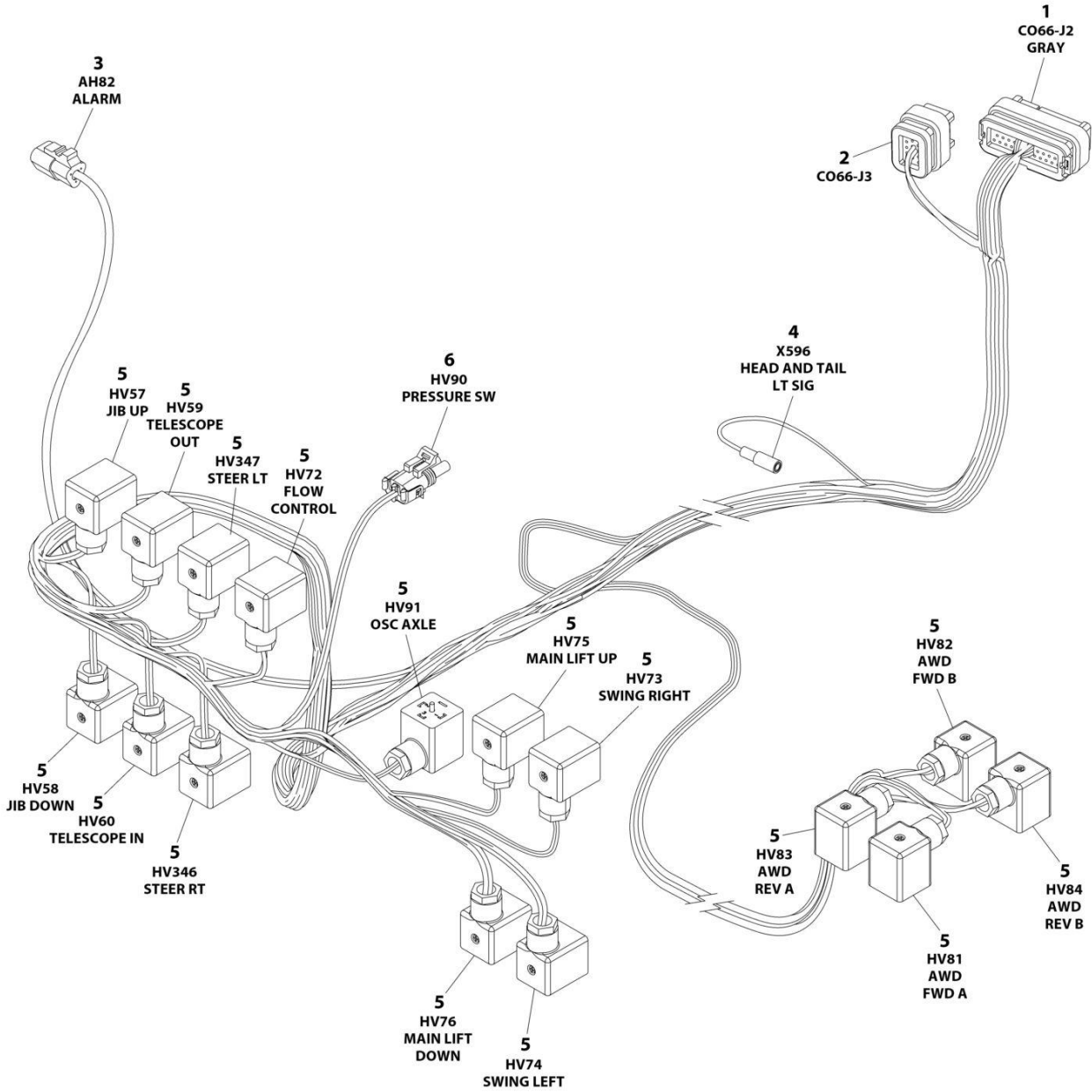
SECTION 8 - ELECTRICAL

FIGURE 8-63. VALVE HARNESS - BOOM VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001255918	Ref	VALVE HARNESS - BOOM VALVE	A
1	4460227	7	Pin, Male	
2	4460891	6	Plug, Male - 2 Position	
2	4460465	12	Socket, Female	

SECTION 8 - ELECTRICAL

FIGURE 8-64. VALVE HARNESS - MAIN CONTROL VALVE



ART_1001255919

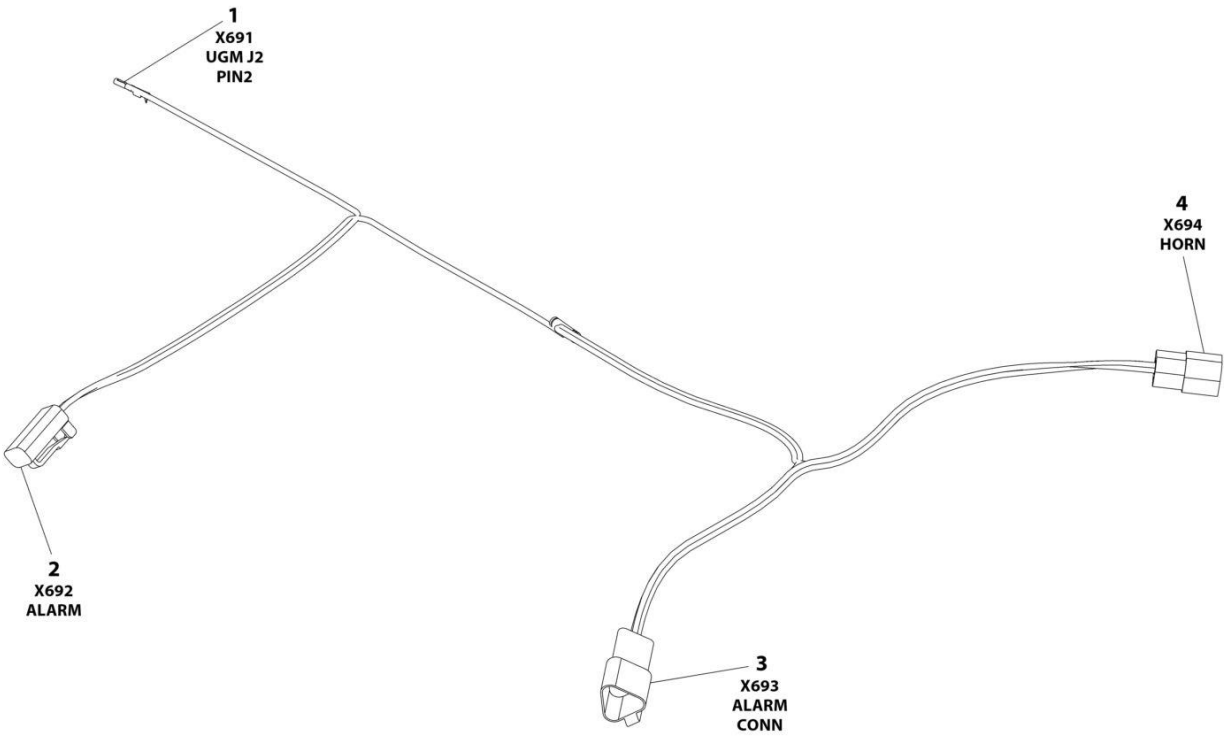
SECTION 8 - ELECTRICAL

FIGURE 8-64. VALVE HARNESS - MAIN CONTROL VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001255919	Ref	VALVE HARNESS - MAIN CONTROL VALVE	B
1	4460875	1	Connector - 35 Position (Gray)	
1	4460871	26	Socket, Female	
1	4460905	9	Plug, Terminal	
2	4460872	1	Connector - 14 Position	
2	4460871	4	Socket, Female	
2	4460905	10	Plug, Terminal	
3	4460539	1	Terminal, Deutsch - 3 Position Female	
3	4460465	3	Socket, Female	
4	8220068	1	Terminal, Snap Plug	
5	4460449	16	DIN Connector without Diode	
6	4460742	1	Connector - 2 Position	
6	4460743	2	Terminal, Female	
6	4460458	2	Seal, Cable	

SECTION 8 - ELECTRICAL

FIGURE 8-65. WHITE NOISE ALARM HARNESS



ART_1001231007

SECTION 8 - ELECTRICAL

FIGURE 8-65. WHITE NOISE ALARM HARNESS

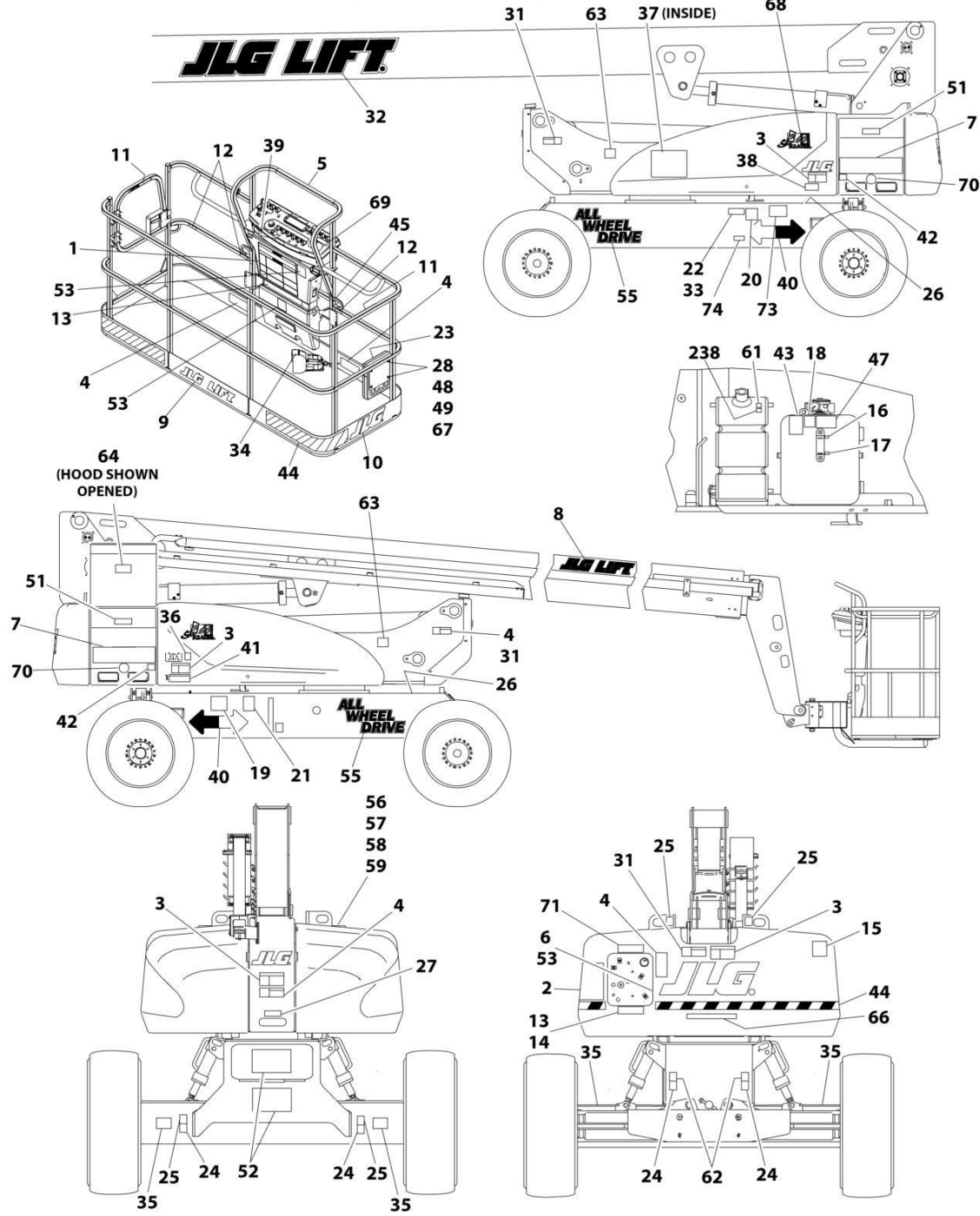
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231007	Ref	WHITE NOISE ALARM INSTALLATION	B
1	4460871	1	Terminal	
2	4460891	1	Plug, Male - 2 Position	
2	4460465	2	Socket, Female	
3	4460536	1	Receptacle, Female - 3 Position	
3	4460464	3	Pin, Male	
4	4460539	1	Plug, Male - 3 Position	
4	4460465	3	Socket, Female	

SECTION 9 - DECALS

SECTION 9 - DECALS

FIGURE 9-1. DECAL INSTALLATION - ANSI, ANSI EXPORT, CSA, CHINA & UL SPECS (ENGLISH LANGUAGE)

NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FOR ALL SPECS. REFER TO PARTS LISTS FOR USAGE.
NOTE: SOME DECALS ARE CALLED OUT ON OPTIONAL DECALS INSTALLATION.



ART_1001248325

SECTION 9 - DECALS

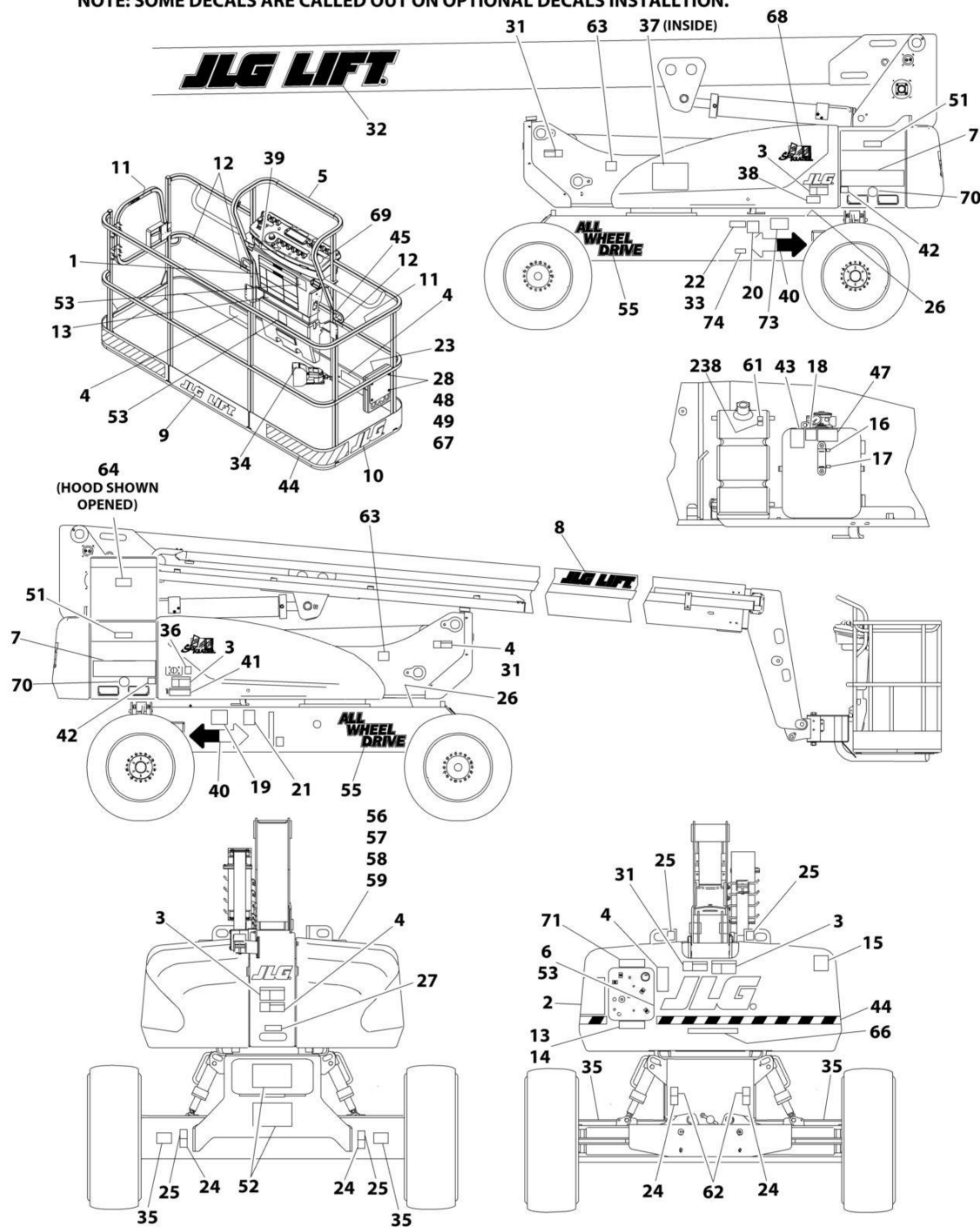
FIGURE 9-1. DECAL INSTALLATION - ANSI, ANSI EXPORT, CSA, CHINA & UL SPECS (ENGLISH LANGUAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248325	Ref	DECAL INSTALLATION	C
	1001249148	Ref	DECAL INSTALLATION - REFERENCE CHART	C
1	1703797	1	Decal - Danger/Warning (Platform)	
2	1704575	1	Decal - Danger/Warning (MTB)	
3	1703805	4	Decal - Electrocution	
4	1703804	3	Decal - Crushing	
11	1702868	2	Decal - No Hands	
12	1704277	3	Decal - Attach Lanyard	
13	1001253920	1	Decal - Warning / Capacity	
14	1001253921	1	Decal - Warning / Capacity	
16	1701502	1	Decal - Hydraulic Oil Level High	
17	1701503	1	Decal - Hydraulic Oil Level Low	
18	1701504	1	Decal - Hydraulic Oil	
20	See Note	NSS	Decal - Barcode (Note: Not Available for Purchase)	
21	1001131269	1	Decal - Patent	
23	1701509	1	Decal - Manual	
24	1702300	6	Decal - Tie Down	
25	1701500	4	Decal - Lift	
26	1701529	2	Decal - Arrow	
27	3251243	1	Nameplate	
28	0860520	1	Box, Manual Storage	
31	1703953	3	Decal - Warning/Crushing	
33	3820001	2	Rivet	
34	3252347	1	Nameplate - Footswitch	
35	1704708	4	Decal - Max Tire Load	
36	1701644	1	Decal - Charger	
37	1001261130	1	Decal - Manual Descent	
38	1702901	1	Decal - Instructions Inside	
40	1701501	2	Decal - Arrow	
41	1704248	1	Decal - Battery Charger Instructions	
42	1702155	2	Decal - Battery Disconnect	
43	1704412	1	Decal - Oil Chart	
46	1001231801	1	Decal - Prop 65	
48	3311405	4	Nut 1/4	
49	4751400	4	Washer 1/4	
51	1703813	2	Decal - Warning Battery Ventilation	
52	1706377	1	Decal - Lift Diagram	
54	1001209679	1	Decal - Cable Routing	
62	1701499	2	Decal - No Lift	
63	1702391	2	Decal - Warning Hand Crushing	
64	1704725	2	Decal - Tip Over (Battery Weight)	
66	1704885	1	Decal - Website	
67	0641406	4	Bolt 1/4 x 3/4	
69	1705351	1	Decal - Drive/Steer Instructions	
73	1001223055	1	Decal - Yearly Inspection	
74	1001228370	1	Decal - ICES (Canada Spec)	

SECTION 9 - DECALS

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

NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FOR ALL SPECS. REFER TO PARTS LISTS FOR USAGE.
NOTE: SOME DECALS ARE CALLED OUT ON OPTIONAL DECALS INSTALLATION.



ART_1001248326

SECTION 9 - DECALS

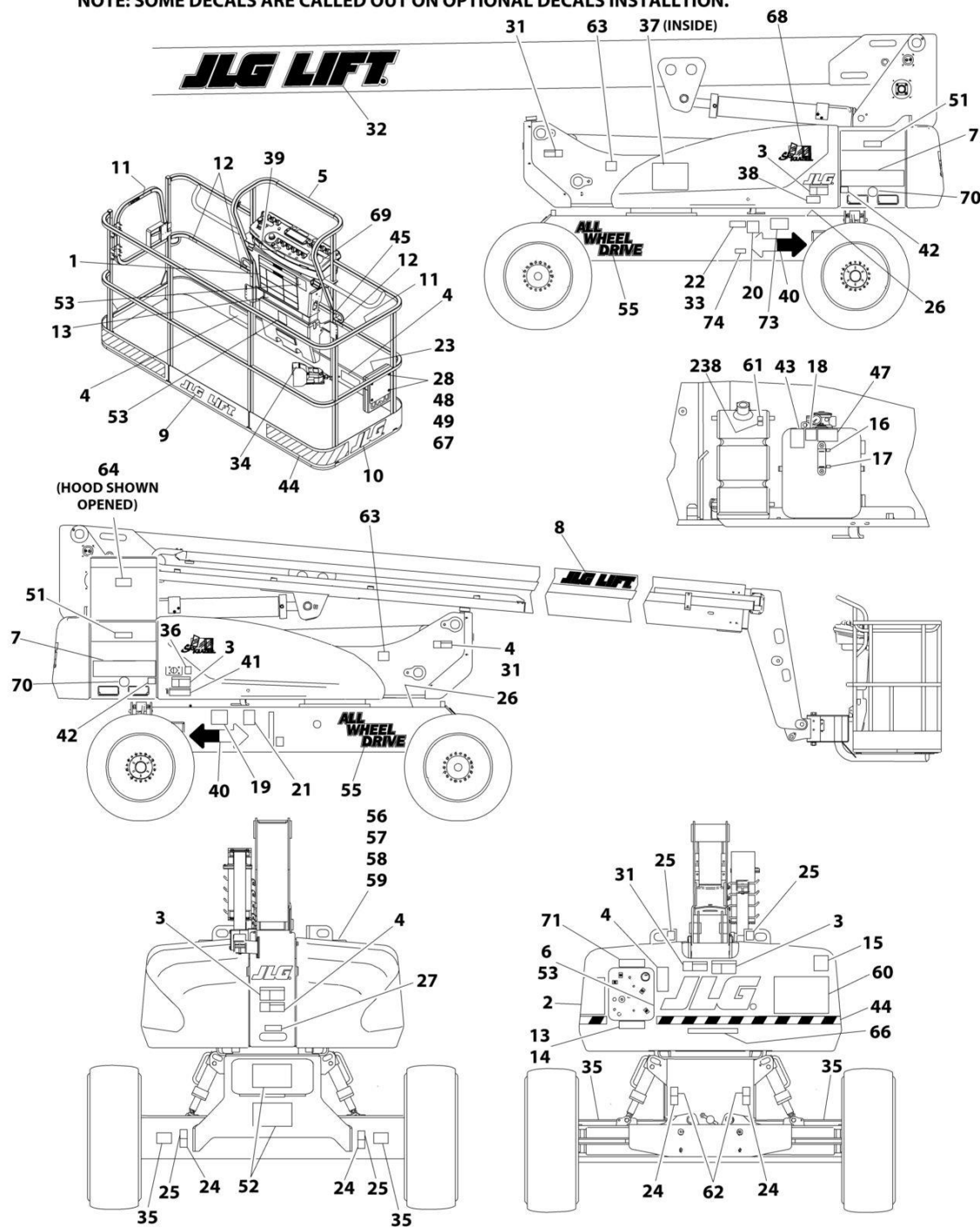
FIGURE 9-2. DECAL INSTALLATION - AUSTRALIAN AND CE SPECS (ENGLISH LANGUAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248326	Ref	DECAL INSTALLATION	B
	1001249148	Ref	DECAL INSTALLATION - REFERENCE CHART	C
1	1705921	1	Decal - Danger/Caution (Platform)	
2	1705822	1	Decal - Danger/Caution (MTB)	
4	1701518	3	Decal - Crushing	
12	1704277	3	Decal - Attach Lanyard	
13	1705978	2	Decal - 500 LBS Max Capacity	
15	1705084	1	Decal - Sound Power Level	
16	1701502	1	Decal - Hydraulic Oil Level High	
17	1701503	1	Decal - Hydraulic Oil Level Low	
18	1701504	1	Decal - Hydraulic Oil	
20	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
23	1701509	1	Decal - Manual	
24	1702300	6	Decal - Tie Down	
25	1701500	4	Decal - Lift	
26	1701529	2	Decal - Arrow	
28	0860520	1	Box, Manual Storage	
33	3820001	4	Rivet	
34	1705828	1	Nameplate - Footswitch	
35	1704708	4	Decal - Maximum Tire Load	
36	1701644	1	Decal - Charger	
37	1001261130	1	Decal - Manual Descent	
38	1706392	1	Decal - Instructions Inside	
40	1701501	2	Decal - Arrow	
41	1706378	1	Decal - Battery Charger Instructions	
42	1702155	2	Decal - Battery Disconnect	
43	1704412	1	Decal - Oil Chart	
48	3311405	4	Nut 1/4	
49	4751400	4	Washer 1/4	
51	1705670	2	Decal - Warning Battery Ventilation	
52	1706377	1	Decal - Lift Diagram	
54	1001209679	1	Decal - Cable Routing	
62	1701499	2	Decal - No Lift	
63	1701517	2	Decal - Warning Hand Crushing	
64	1704728	2	Decal - Tip Over (Battery Weight)	
66	1704885	1	Decal - Website	

SECTION 9 - DECALS

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

NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FOR ALL SPECS. REFER TO PARTS LISTS FOR USAGE.
NOTE: SOME DECALS ARE CALLED OUT ON OPTIONAL DECALS INSTALLATION.



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SECTION 9 - DECALS

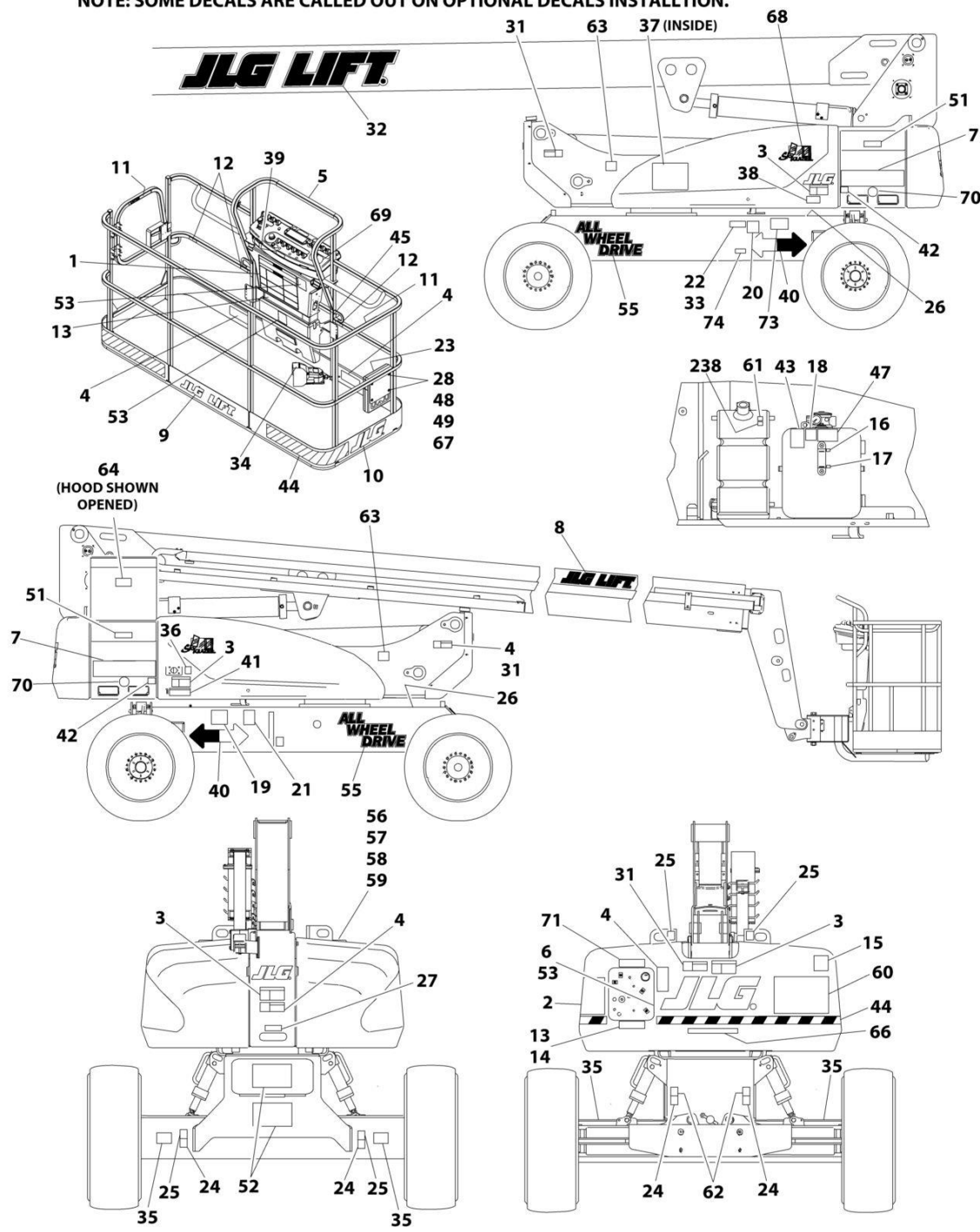
FIGURE 9-3. DECAL INSTALLATION - BRAZIL SPECS (PORTUGUESE/SPANISH LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248332	Ref	DECAL INSTALLATION	C
	1001249148	Ref	DECAL INSTALLATION - REFERENCE CHART	C
1	1703928	1	Decal - Danger/Warning (Platform)	
3	1703940	4	Decal - Electrocution	
4	1703952	3	Decal - Crushing	
11	1704002	2	Decal - No Hands	
12	1704277	3	Decal - Attach Lanyard	
13	1001253928	1	Decal - Warning / Capacity	
14	1001253929	1	Decal - Warning / Capacity	
16	1701502	1	Decal - Hydraulic Oil Level High	
17	1701503	1	Decal - Hydraulic Oil Level Low	
18	1701504	1	Decal - Hydraulic Oil	
20	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
23	1701509	1	Decal - Manual	
24	1702300	6	Decal - Tie Down	
25	1701500	4	Decal - Lift	
26	1701529	2	Decal - Arrow	
27	3251243	1	Nameplate 120V/60Hz	
28	0860520	1	Box, Manual Storage	
31	1703946	3	Decal - Warning/Crushing	
33	3820001	2	Rivet	
34	1703985	1	Nameplate - Footswitch	
35	1704708	4	Decal - Maximum Tire Load	
36	1701644	1	Decal - Charger	
37	1001261130	1	Decal - Manual Descent	
38	1704118	1	Decal - Instructions Inside	
40	1701501	2	Decal - Arrow	
41	1704330	1	Decal - Battery Charger Instructions	
42	1702155	2	Decal - Battery Disconnect	
43	1704412	1	Decal - Oil Chart	
48	3311405	4	Nut 1/4	
49	4751400	4	Washer 1/4	
51	1704341	2	Decal - Warning Battery Ventilation	
52	1706377	1	Decal - Lift Diagram	
54	1001209679	1	Decal - Cable Routing	
60	1703934	1	Decal - Danger/Caution	
62	1701499	2	Decal - No Lift	
63	1701517	2	Decal - Warning Hand Crushing	
64	1704618	2	Decal - Tip Over (Battery Weight)	
66	1704885	1	Decal - Website	
67	0641406	4	Bolt 1/4 x 3/4 (Not Shown)	
69	1001113680	1	Decal - Drive/Steer Instructions	
73	1001224052	1	Decal - Yearly Inspection	

SECTION 9 - DECALS

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

NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FOR ALL SPECS. REFER TO PARTS LISTS FOR USAGE.
NOTE: SOME DECALS ARE CALLED OUT ON OPTIONAL DECALS INSTALLATION.



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SECTION 9 - DECALS

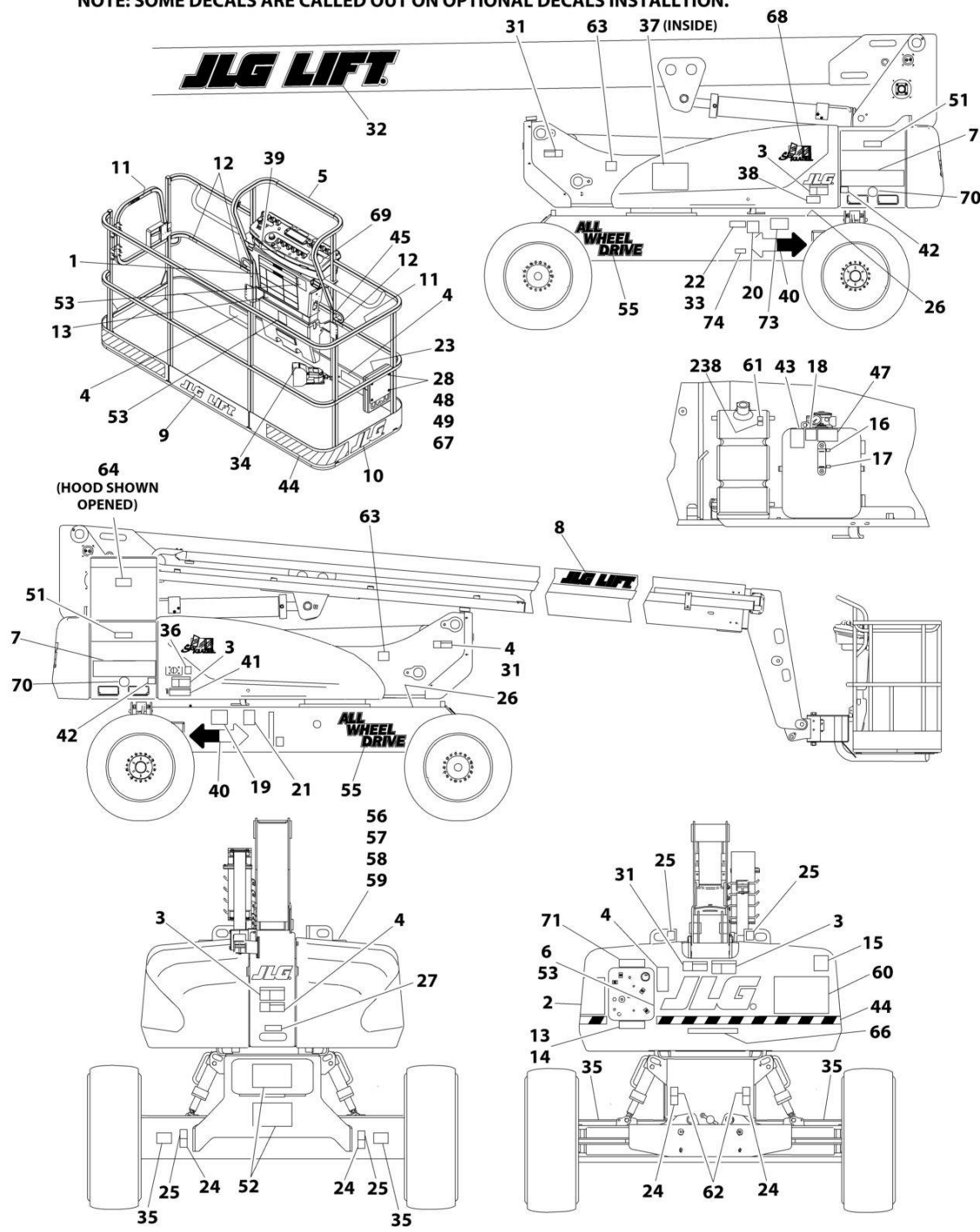
FIGURE 9-4. DECAL INSTALLATION - CHINESE SPECS (CHINESE/ENGLISH LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248331	Ref	DECAL INSTALLATION	C
	1001249148	Ref	DECAL INSTALLATION - REFERENCE CHART	C
1	1703925	1	Decal - Danger/Warning (Platform)	
3	1703937	4	Decal - Electrocution	
4	1703949	3	Decal - Crushing	
11	1001116846	2	Decal - No Hands	
12	1704277	3	Decal - Attach Lanyard	
13	1001253926	1	Decal - Warning / Capacity	
14	1001253927	1	Decal - Warning / Capacity	
16	1701502	1	Decal - Hydraulic Oil Level High	
17	1701503	1	Decal - Hydraulic Oil Level Low	
18	1701504	1	Decal - Hydraulic Oil	
20	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
22	See Note	NSS	Nameplate - Serial Number (Note: Not Available for Purchase)	
23	1701509	1	Decal - Manual	
24	1702300	6	Decal - Tie Down	
25	1701500	4	Decal - Lift	
26	1701529	2	Decal - Arrow	
28	0860520	1	Box, Manual Storage	
31	1703943	3	Decal - Warning/Crushing	
33	3820001	2	Rivet	
34	1703982	1	Nameplate - Footswitch	
35	1704708	4	Decal - Maximum Tire Load	
36	1701644	1	Decal - Charger	
37	1001261130	1	Decal - Manual Descent	
38	1704121	1	Decal - Instructions Inside	
40	1701501	2	Decal - Arrow	
41	1704333	1	Decal - Battery Charger Instructions	
42	1702155	2	Decal - Battery Disconnect	
43	1704412	1	Decal - Oil Chart	
48	3311405	4	Nut 1/4	
49	4751400	4	Washer 1/4	
51	1704344	2	Decal - Warning Battery Ventilation	
52	1706377	1	Decal - Lift Diagram	
54	1001209679	1	Decal - Cable Routing	
60	1703931	1	Decal - Danger/Caution	
62	1701499	2	Decal - No Lift	
63	1701517	2	Decal - Warning Hand Crushing	
64	1704731	2	Decal - Tip Over (Battery Weight)	
66	1704885	1	Decal - Website	
67	0641406	4	Bolt 1/4 x 3/4 (Not Shown)	
69	1705430	1	Decal - Drive/Steer Instructions (Machines with Drive Orientation Only)	
73	1001224050	1	Decal - Yearly Inspection (SN 0300233752 to Present)	

SECTION 9 - DECALS

FIGURE 9-5. DECAL INSTALLATION - CSA & UL SPECS (ENGLISH/FRENCH LANGUAGES)

NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FOR ALL SPECS. REFER TO PARTS LISTS FOR USAGE.
NOTE: SOME DECALS ARE CALLED OUT ON OPTIONAL DECALS INSTALLATION.



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SECTION 9 - DECALS

FIGURE 9-5. DECAL INSTALLATION - CSA & UL SPECS (ENGLISH/FRENCH LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248330	Ref	DECAL INSTALLATION	C
	1001249148	Ref	DECAL INSTALLATION - REFERENCE CHART	C
1	1703924	1	Decal - Danger/Warning (Platform)	
3	1703936	4	Decal - Electrocution	
4	1703948	3	Decal - Crushing	
11	1704000	2	Decal - No Hands	
12	1704277	3	Decal - Attach Lanyard	
13	1001253922	1	Decal - Warning / Capacity	
14	1001253923	1	Decal - Warning / Capacity	
16	1701502	1	Decal - Hydraulic Oil Level High	
17	1701503	1	Decal - Hydraulic Oil Level Low	
18	1701504	1	Decal - Hydraulic Oil	
20	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
21	1001131269	1	Decal - Patent	
23	1701509	1	Decal - Manual	
24	1702300	6	Decal - Tie Down	
25	1701500	4	Decal - Lift	
26	1701529	4	Decal - Arrow	
27	3251243	1	Nameplate 120V/60Hz	
28	0860520	1	Box, Manual Storage	
31	1703942	3	Decal - Warning/Crushing	
33	3820001	2	Rivet	
34	1703984	1	Nameplate - Footswitch	
35	1704708	4	Decal - Maximum Tire Load	
36	1701644	1	Decal - Charger	
37	1001261130	1	Decal - Manual Descent	
38	1704116	1	Decal - Instructions Inside	
40	1701501	2	Decal - Arrow	
41	1704329	1	Decal - Battery Charger Instructions	
42	1702155	2	Decal - Battery Disconnect	
43	1704412	1	Decal - Oil Chart	
48	3311405	6	Nut 1/4	
49	4751400	4	Washer 1/4	
51	1704340	2	Decal - Warning Battery Ventilation	
52	1706377	1	Decal - Lift Diagram	
54	1001209679	1	Decal - Cable Routing	
60	1703930	1	Decal - Danger/Caution	
62	1701499	2	Decal - No Lift	
63	1701517	2	Decal - Warning Hand Crushing	
64	1704733	2	Decal - Tip Over (Battery Weight)	
66	1704885	1	Decal - Website	
67	0641406	4	Bolt 1/4 x 3/4 (Not Shown)	
69	1705429	1	Decal - Drive/Steer Instructions (Machines with Drive Orientation Only)	
73	1001223971	1	Decal - Yearly Inspection	
74	1001228370	1	Decal - ICES (Canada Spec)	

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SECTION 9 - DECALS

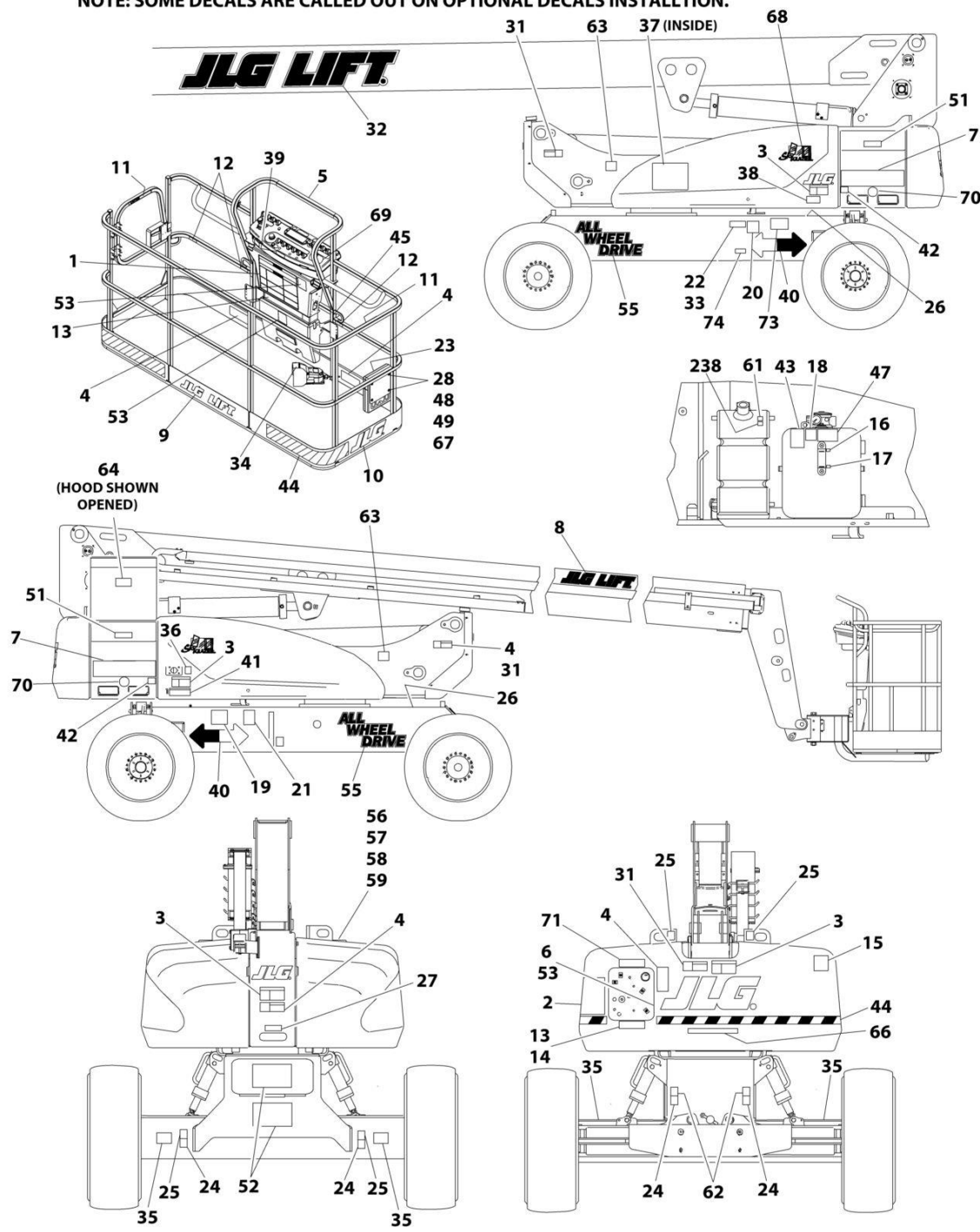
FIGURE 9-6. DECAL INSTALLATION - JAPANESE SPECS (JAPANESE LANGUAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248327	Ref	DECAL INSTALLATION	C
	1001249148	Ref	DECAL INSTALLATION - REFERENCE CHART	C
1	1703926	1	Decal - Danger/Warning (Platform)	
2	1704667	1	Decal - Danger/Warning (MTB)	
3	1703938	4	Decal - Electrocution	
4	1703950	3	Decal - Crushing	
12	1704277	3	Decal - Attach Lanyard	
13	1001253932	1	Decal - Warning / Capacity	
14	1001253933	1	Decal - Warning / Capacity	
16	1701502	1	Decal - Hydraulic Oil Level High	
17	1701503	1	Decal - Hydraulic Oil Level Low	
18	1701504	1	Decal - Hydraulic Oil	
20	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
23	1701509	1	Decal - Manual	
24	1702300	4	Decal - Tie Down	
25	1701500	4	Decal - Lift	
26	1701529	2	Decal - Arrow	
28	0860520	1	Box, Manual Storage	
31	1703944	3	Decal - Warning/Crushing	
33	3820001	2	Rivet	
34	1703980	1	Nameplate - Footswitch	
35	1704708	4	Decal - Maximum Tire Load	
36	1701644	1	Decal - Charger	
37	1001261130	1	Decal - Manual Descent	
38	1704119	1	Decal - Instructions Inside	
40	1701501	2	Decal - Arrow	
41	1704331	1	Decal - Battery Charger Instructions	
42	1702155	2	Decal - Battery Disconnect	
43	1704412	1	Decal - Oil Chart	
48	3311405	4	Nut 1/4	
49	4751400	4	Washer 1/4	
51	1704342	2	Decal - Warning Battery Ventilation	
52	1706377	1	Decal - Lift Diagram	
54	1001209679	1	Decal - Cable Routing	
62	1701499	2	Decal - No Lift	
63	1701517	2	Decal - Warning Hand Crushing	
64	1704671	2	Decal - Tip Over (Battery Weight)	
66	1704885	1	Decal - Website	
67	0641406	4	Bolt 1/4 x 3/4 (Not Shown)	
69	1705426	1	Decal - Drive/Steer Instructions (Machines with Drive Orientation Only)	
73	1001224053	1	Decal - Yearly Inspection	

SECTION 9 - DECALS

FIGURE 9-7. DECAL INSTALLATION - KOREAN SPECS (KOREAN LANGUAGE)

NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FOR ALL SPECS. REFER TO PARTS LISTS FOR USAGE.
NOTE: SOME DECALS ARE CALLED OUT ON OPTIONAL DECALS INSTALLATION.



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SECTION 9 - DECALS

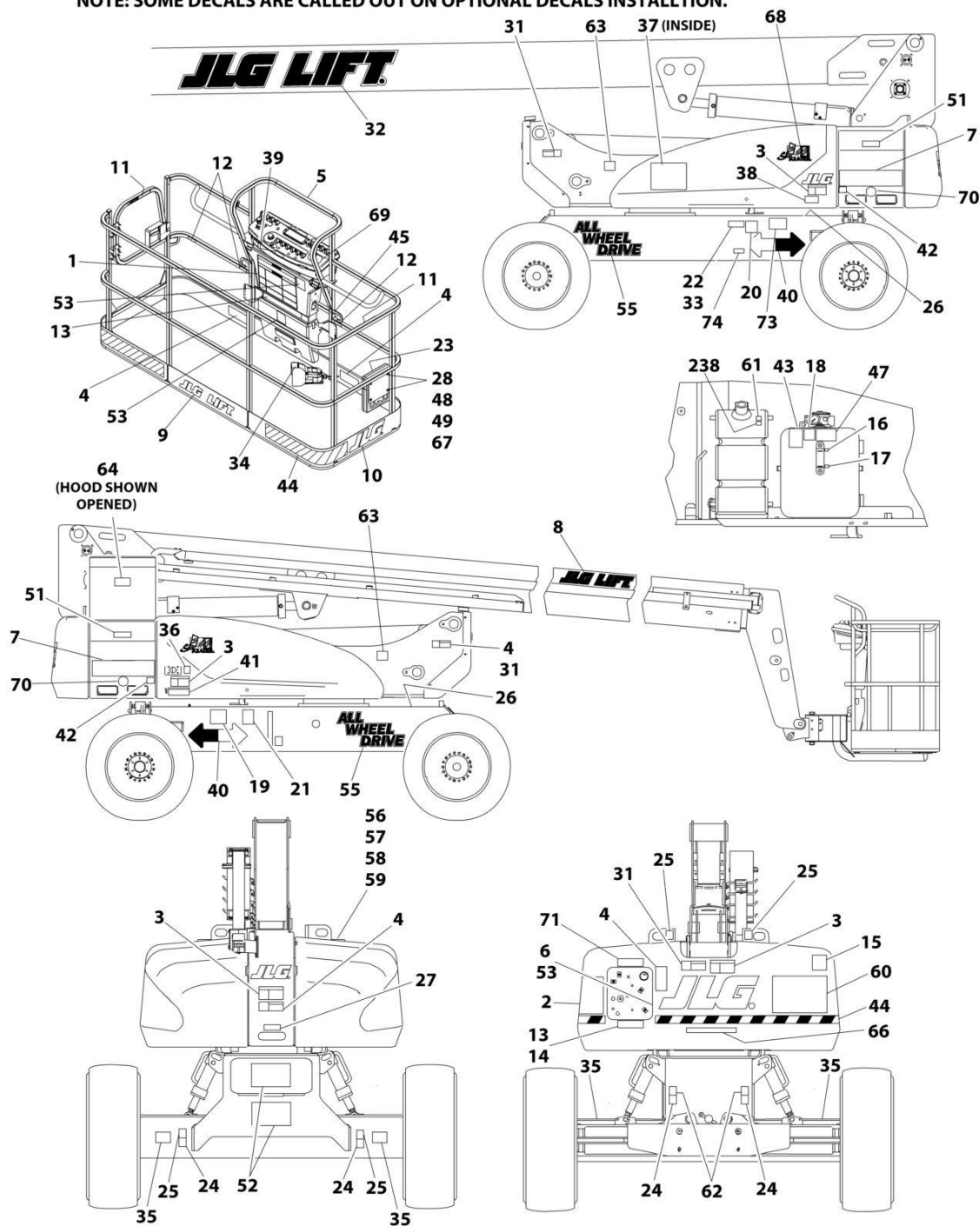
FIGURE 9-7. DECAL INSTALLATION - KOREAN SPECS (KOREAN LANGUAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248328	Ref	DECAL INSTALLATION	C
	1001249148	Ref	DECAL INSTALLATION - REFERENCE CHART	C
1	1703927	1	Decal - Danger/Warning (Platform)	
2	1704668	1	Decal - Danger/Warning (MTB)	
3	1703939	4	Decal - Electrocution	
4	1703951	3	Decal - Crushing	
12	1704277	3	Decal - Attach Lanyard	
13	1001253924	1	Decal - Warning/ Capacity	
14	1001253925	1	Decal - Warning/ Capacity	
16	1701502	1	Decal - Hydraulic Oil Level High	
17	1701503	1	Decal - Hydraulic Oil Level Low	
18	1701504	1	Decal - Hydraulic Oil	
20	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
23	1701509	1	Decal - Manual	
24	1702300	6	Decal - Tie Down	
25	1701500	4	Decal - Lift	
26	1701529	2	Decal - Arrow	
28	0860520	1	Box, Manual Storage	
31	1703945	3	Decal - Warning/Crushing	
33	3820001	2	Rivet	
34	1703981	1	Nameplate - Footswitch	
35	1704708	4	Decal - Maximum Tire Load	
36	1701644	1	Decal - Charger	
37	1001261130	1	Decal - Manual Descent	
38	1704120	1	Decal - Instructions Inside	
40	1701501	2	Decal - Arrow	
41	1704332	1	Decal - Battery Charger Instructions	
42	1702155	2	Decal - Battery Disconnect	
43	1704412	1	Decal - Oil Chart	
48	3311405	4	Nut 1/4	
49	4751400	4	Washer 1/4	
51	1704343	2	Decal - Warning Battery Ventilation	
52	1706377	1	Decal - Lift Diagram	
54	1001209679	1	Decal - Cable Routing	
62	1701499	2	Decal - No Lift	
63	1701517	2	Decal - Warning Hand Crushing	
64	1704670	2	Decal - Tip Over (Battery Weight)	
66	1704885	1	Decal - Website	
67	0641406	4	Bolt 1/4 x 3/4 (Not Shown)	
69	1705427	1	Decal - Drive/Steer Instructions	
73	1001224048	1	Decal - Yearly Inspection	

SECTION 9 - DECALS

FIGURE 9-8. DECAL INSTALLATION - LATIN AMERICAN SPECS (SPANISH/ENGLISH LANGUAGES)

NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FOR ALL SPECS. REFER TO PARTS LISTS FOR USAGE.
NOTE: SOME DECALS ARE CALLED OUT ON OPTIONAL DECALS INSTALLTION.



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SECTION 9 - DECALS

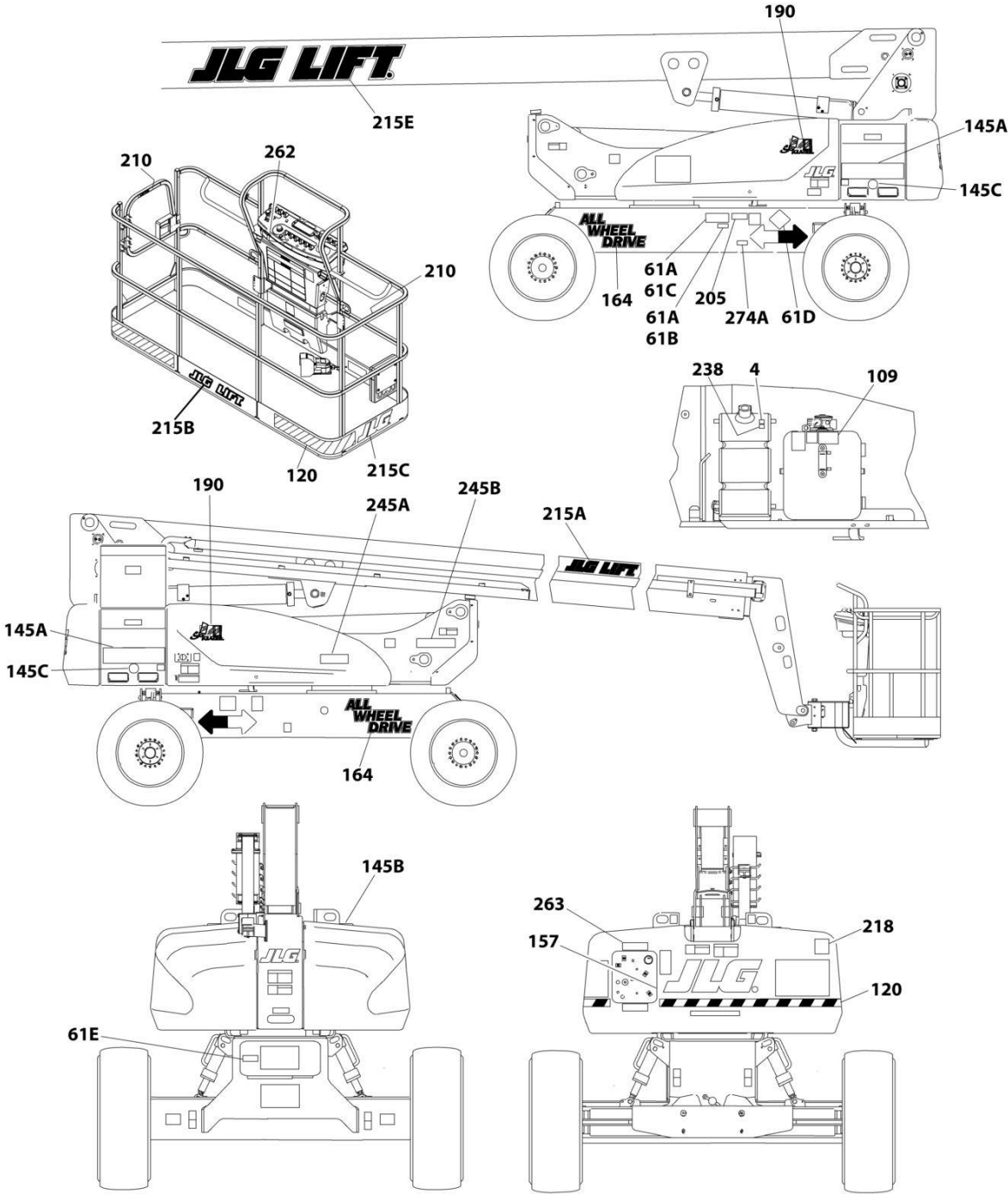
FIGURE 9-8. DECAL INSTALLATION - LATIN AMERICAN SPECS (SPANISH/ENGLISH LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248329	Ref	DECAL INSTALLATION	C
	1001249148	Ref	DECAL INSTALLATION - REFERENCE CHART	C
1	1703923	1	Decal - Danger/Warning (Platform)	
3	1703935	4	Decal - Electrocution	
4	1703947	3	Decal - Crushing	
11	1704001	2	Decal - No Hands	
12	1704277	3	Decal - Attach Lanyard	
13	1001253930	1	Decal - Warning / Capacity	
14	1001253931	1	Decal - Warning / Capacity	
16	1701502	1	Decal - Hydraulic Oil Level High	
17	1701503	1	Decal - Hydraulic Oil Level Low	
18	1701504	1	Decal - Hydraulic Oil	
20	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
23	1701509	1	Decal - Manual	
24	1702300	6	Decal - Tie Down	
25	1701500	4	Decal - Lift	
26	1701529	2	Decal - Arrow	
27	3251243	1	Nameplate 120V/60Hz	
28	0860520	1	Box, Manual Storage	
31	1703941	3	Decal - Warning/Crushing	
33	3820001	2	Rivet	
34	1703983	1	Nameplate - Footswitch	
35	1704708	4	Decal - Maximum Tire Load	
36	1701644	1	Decal - Charger	
37	1001261130	1	Decal - Manual Descent	
38	1704117	1	Decal - Instructions Inside	
40	1701501	2	Decal - Arrow	
41	1704328	1	Decal - Battery Charger Instructions	
42	1702155	2	Decal - Battery Disconnect	
43	1704412	1	Decal - Oil Chart	
48	3311405	4	Nut 1/4	
49	4751400	4	Washer 1/4	
51	1704339	2	Decal - Warning Battery Ventilation	
52	1706377	1	Decal - Lift Diagram	
54	1001209679	1	Decal - Cable Routing	
60	1703929	1	Decal - Danger/Caution	
62	1701499	2	Decal - No Lift	
63	1701517	2	Decal - Warning Hand Crushing	
64	1704732	2	Decal - Tip Over (Battery Weight)	
66	1704885	1	Decal - Website	
67	0641406	4	Bolt 1/4 x 3/4	
69	1705910	1	Decal - Drive/Steer Instructions	
73	1001224049	1	Decal - Yearly Inspection	

SECTION 9 - DECALS

FIGURE 9-9. DECAL INSTALLATION - OPTIONS

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



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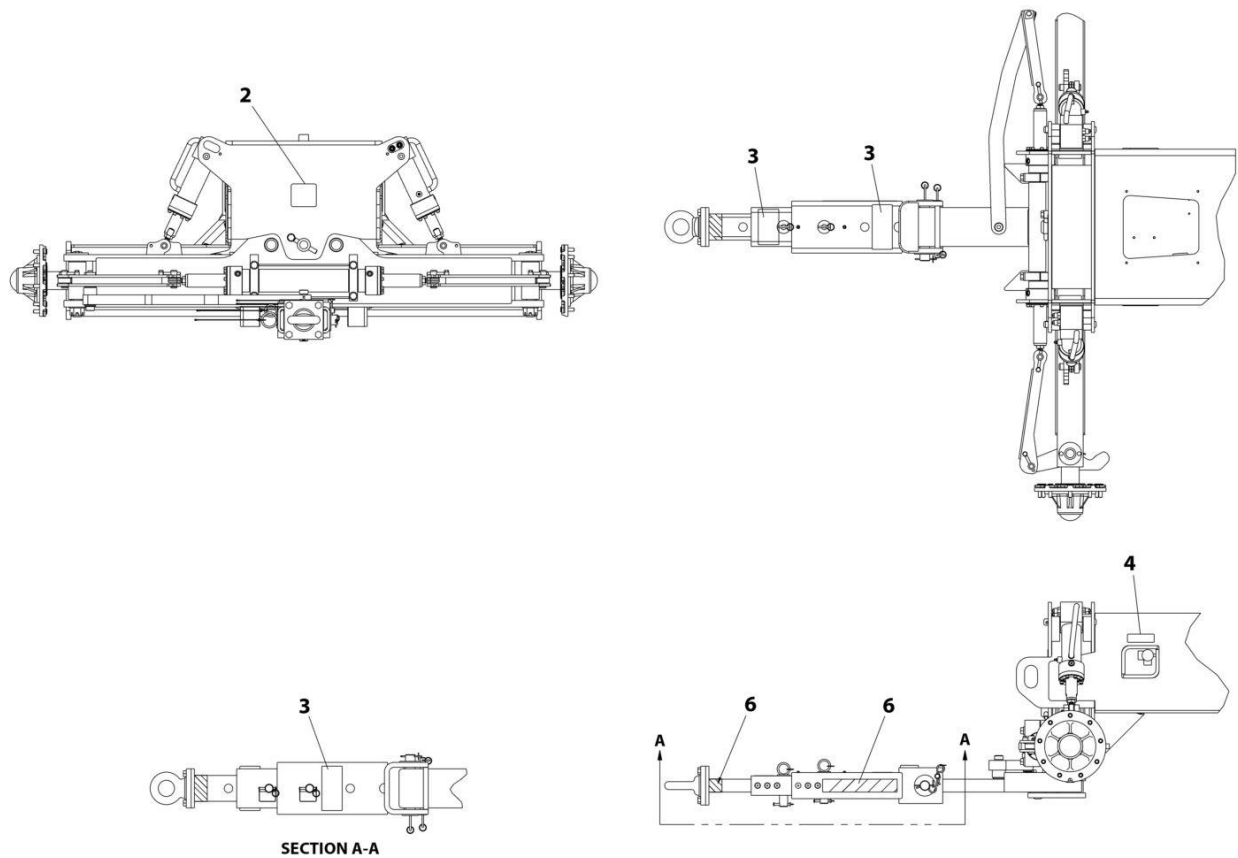
SECTION 9 - DECALS

FIGURE 9-9. DECAL INSTALLATION - OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263600	Ref	DECAL INSTALLATION - OPTIONS	
	1001249148	Ref	DECAL INSTALLATION - REFERENCE CHART	C
4	1701505	1	Decal - Fuel (H600SJ/H600SJP)	
61	0270430	Ref	Decal Installation - UL Tags	B
61A	3820001	8	Pop Rivet	
61B	3252331	1	Nameplate - Battery Info	
61C	3252780	1	Nameplate - UL Certification Tag	
61D	1702251	2	Nameplate - EE	
61E	1001213625	1	Decal - Replacement Fuse 400 Amp	
109	1704174	1	Decal - Biodegradable (Synthetic) Hydraulic Fluid (All Specs except German Spec)	
109	1704175	1	Decal - Biodegradable (Synthetic) Hydraulic Fluid (German Spec Only)	
120	4420051	15.5 ft/ 4.7m	Decal - Warning Stripes	
145	1001256653	Ref	Model Designation Decal Installation - EC600SJ	A
145	1001256656	Ref	Model Designation Decal Installation - EC600SJP	A
145	1001256654	Ref	Model Designation Decal Installation - H600SJ	A
145	1001256655	Ref	Model Designation Decal Installation - H600SJP	A
145A	1001256649	2	Decal - EC600SJ	
145A	1001256652	2	Decal - EC600SJP	
145A	1001256650	2	Decal - H600SJ	
145A	1001256651	2	Decal - H600SJP	
164	1704724	2	Decal - All Wheel Drive 4WD	
190	0272418	Ref	Decal - SkyGlazier	4
190	1705358	2	Decal - SkyGlazier	
205	See Note	NSS	Nameplate - Serial Number (Note: Not Available for Purchase)	
210	1702868	2	Decal - No Hands (ANSI Specs)	
210	1001116846	2	Decal - No Hands (Chinese/English Specs)	
210	1001246659	2	Decal - No Hands (Danish/English Specs)	
210	1704000	2	Decal - No Hands (French/English Specs)	
215A	1702860	1	Decal - JLG Lift	
215B	1702774	1	Decal - JLG Lift	
238	1001108923	1	Decal - EPA/Carb Fuel Spec Only (H600SJ/H600SJP ANSI & CSA Specs)	
238	1001139654	1	Decal - Ultra Low Sulfur Diesel Fuel (H600SJ/H600SJP CE & Japanese Specs)	
245	1001229692	Ref	ClearSky Decals Installation	A
245A	1001120989	1	Decal - Radio Frequency	
245B	1001116208	1	Decal - ClearSky	
262	1001141300	1	Decal - SkyGuard Override	
262	1001141302	1	Decal - SkyGuard/Soft Touch Override	
263	1001189882	1	Decal - MSSO (CE Specs)	
274	1001214029	Ref	Decal - EAC Installation (CIS and Russia Specs)	
274A	1001173703	1	Decal - EAC	

SECTION 9 - DECALS

FIGURE 9-10. TOW BAR DECAL INSTALLATION (ALL SPECS EXCEPT CSA & JAPANESE SPECS)
(ENGLISH LANGUAGE)



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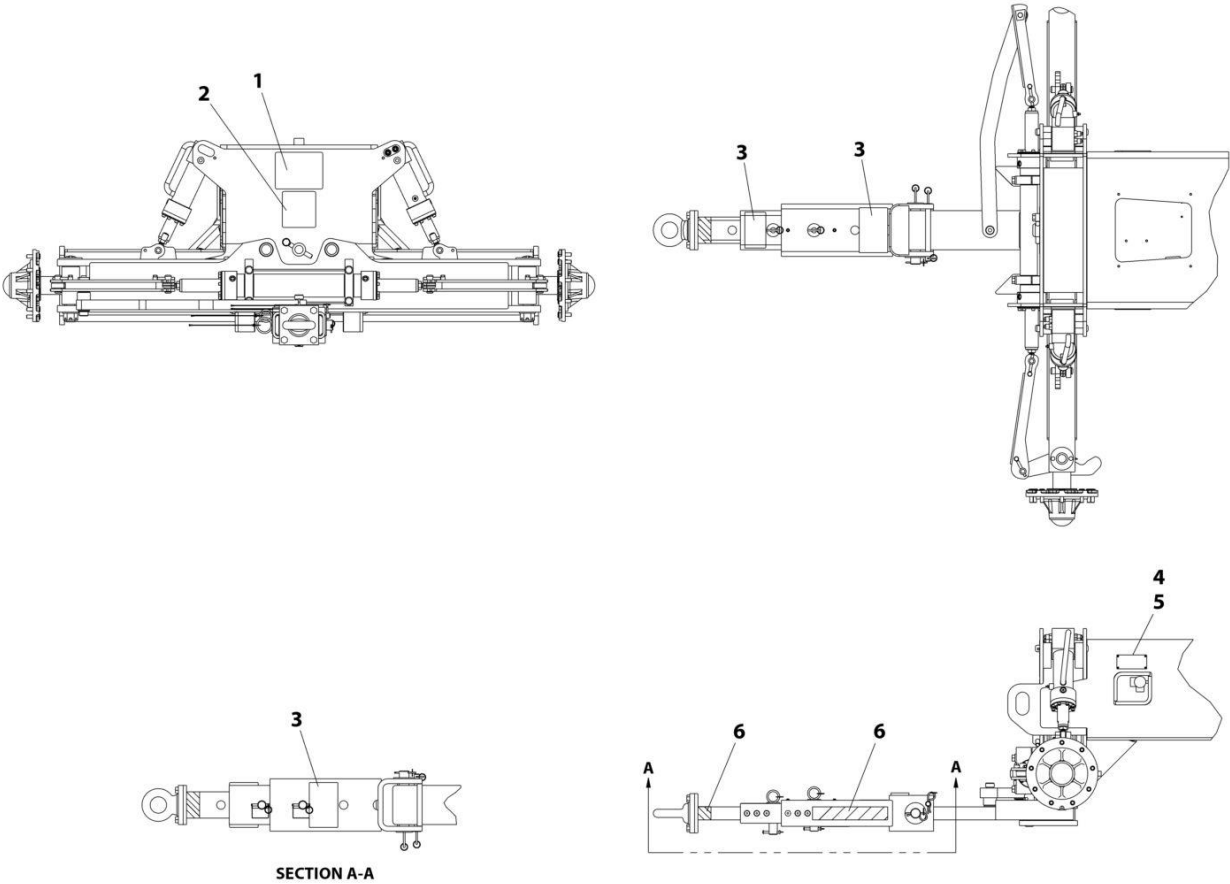
SECTION 9 - DECALS

**FIGURE 9-10. TOW BAR DECAL INSTALLATION (ALL SPECS EXCEPT CSA & JAPANESE SPECS)
(ENGLISH LANGUAGE)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270629	Ref	TOW BAR DECAL INSTALLATION (ANSI SPECS)	C
2	1001196121	1	Decal - Tow Instructions	
3	1704578	3	Decal - Crushing	
4	1001196122	1	Nameplate - Steer/Tow Select	
6	1001195754	35 in /89cm	Tape, Safety	

SECTION 9 - DECALS

FIGURE 9-11. TOW BAR DECAL INSTALLATION (ANSI EXPORT SPECS) (SPANISH/ENGLISH LANGUAGES)



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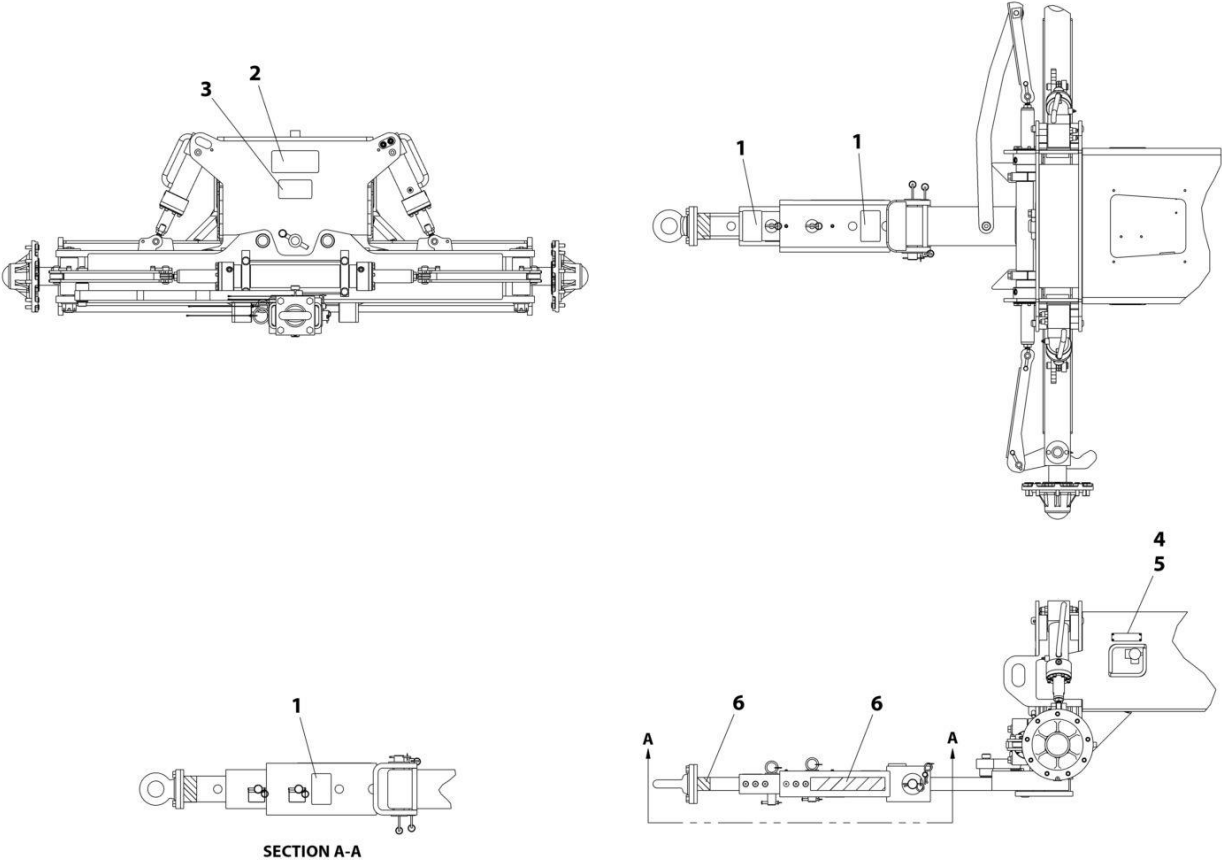
SECTION 9 - DECALS

FIGURE 9-11. TOW BAR DECAL INSTALLATION (ANSI EXPORT SPECS) (SPANISH/ENGLISH LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270631	Ref	TOW BAR DECAL INSTALLATION (SPANISH/ENGLISH SPECS)	B
1	1704457	1	Decal - Tow Instructions	
2	1704576	1	Decal - Warning	
3	1704577	3	Decal - Crushing	
4	3252693	1	Nameplate - Steer/Tow Select	
5	3820001	4	Rivet	
6	4420051	35 in /89cm	Tape, Safety	

SECTION 9 - DECALS

FIGURE 9-12. TOW BAR DECAL INSTALLATION (CE SPECS) (SPANISH LANGUAGE))



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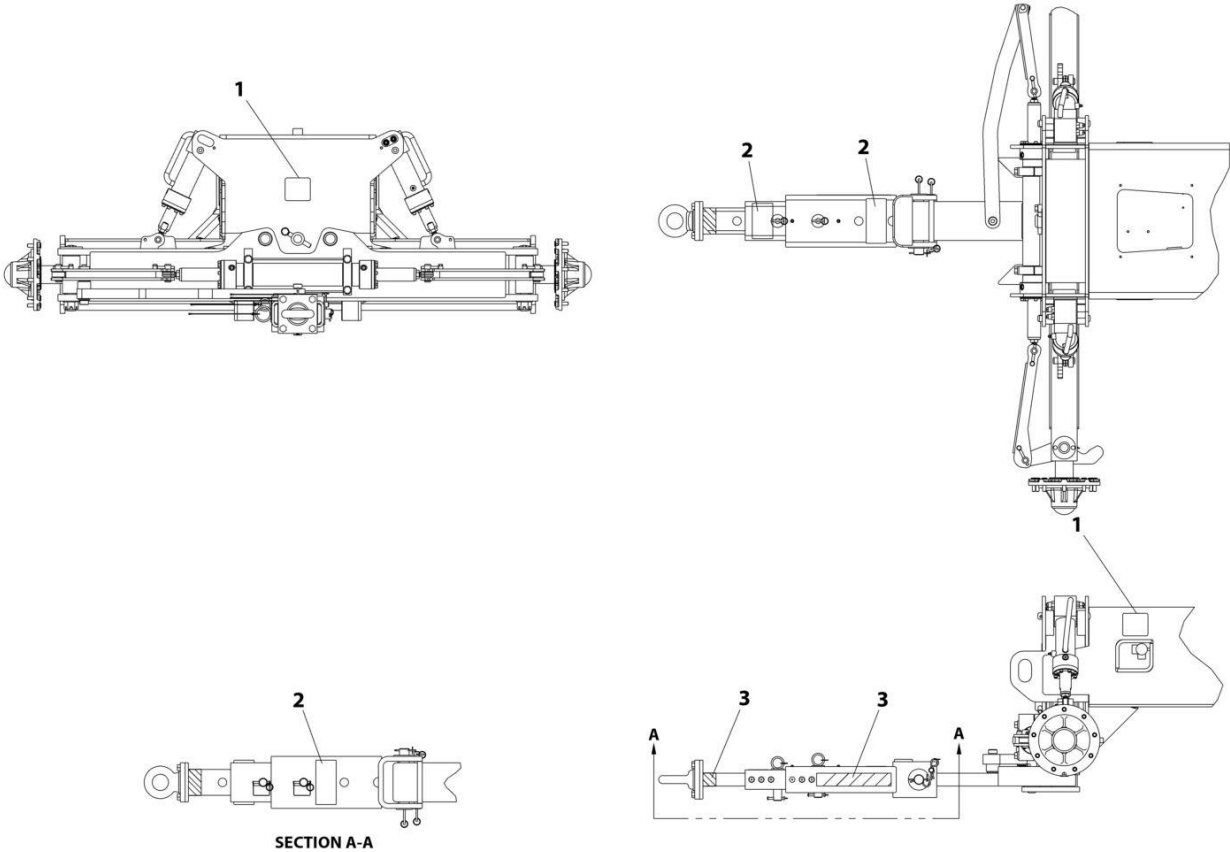
SECTION 9 - DECALS

FIGURE 9-12. TOW BAR DECAL INSTALLATION (CE SPECS) (SPANISH LANGUAGE))

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270630	Ref	TOW BAR DECAL INSTALLATION (SPANISH/ENGLISH SPECS)	B
1	1701518	3	Decal - Crushing	
2	1704455	1	Decal - Tow Instructions	
3	1704456	1	Decal - Warning	
4	3252692	1	Nameplate - Steer/Tow Select	
5	3820001	4	Rivet	
6	4420051	35 in /89cm	Tape, Safety	

SECTION 9 - DECALS

FIGURE 9-13. TOW BAR DECAL INSTALLATION (CE, AUSTRALIAN AND UL SPECS) (ALL LANGUAGES)



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SECTION 9 - DECALS

FIGURE 9-13. TOW BAR DECAL INSTALLATION (CE, AUSTRALIAN AND UL SPECS) (ALL LANGUAGES))

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001264633	Ref	TOW BAR DECAL INSTALLATION	A
1	1706957	2	Decal - Tow Instructions	
2	1706960	3	Decal - Crushing	
3	1001195754	35 in /89cm	Tape, Safety	

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	
	1001170367	1	Relay	
	70007285	1	Coil	
	70002947	1	Coil	
	7018991	1	Coil	
	7023224	12	Element, Hydraulic Filter	
	7023269	12	Element, Hydraulic Breather	
	4360469	1	Switch, Key	
	2860030	1	Key, Replacement (Set of 2)	
	4360475	1	Switch, Mushroom	
	1001155045	1	Switch, Toggle	
	4360387	1	Switch, Push Button	
	70007291	1	Coil	
	1001159256	1	Switch, Toggle	
	1001161710	1	Switch, Toggle	
	4360407	1	Switch, Potentiometer	
	1001212415	1	Controller (Drive and Steer)	
	1001129555	1	Controller (Lift and Swing)	
	8229242	2	Fuse, 5Amp	
	8229236	2	Fuse, 30Amp	
	8229235	2	Fuse, 20Amp	
	8229237	2	Fuse, 15Amp	
	8229261	2	Fuse, 5Amp	
	8229234	2	Fuse, 10Amp	
		Ref	VARIABLE PARTS	
	1001161117	1	Switch, Rotary Angle Sensor (Steering)	
	1001219601	1	Sensor, Dual Axle	
	1001170365	2	Fuse, 400Amp (UL Specs)	
	3740080	1	Relay (Non-UL Specs)	
	1001214667	1	Relay (UL Specs))	
	1001178339	1	Module, Drive (ZAPI)	
	1001192212	1	Module, Drive (ACEO)	
	4360517	1	Switch, Proximity	
	1001176711	1	Sensor, Battery Temperature	
	1001182700	1	Module, Ground Control	
	4360274	1	Switch, Push Button (H600SJ/H600SJP)	
	1001200173	1	Switch, Limit	
	1001172663	1	Cell Platform Load	
	2940074	1	Latch (Platforms with Gate)	
	1001189039	1	Footswitch	
	1001196520	1	Module, Platform (NON UL SPECS)	
	1001215835	1	Module, Platform (UL SPECS)	
	1001228224	1	Sensor, Receiver (SkyEye)	

SECTION 10 - RECOMMENDED SERVICE PARTS STOCK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228225	1	Sensor, Emitter (SkyEye)	
	1001137673	1	Switch Assembly (SkyGuard)	
	1001186431	1	Relay, 35Amp (SkyGuard)	
	1001232667	1	Sensor, Proximity (SkyLine)	
	4360057	1	Switch, Limit (Soft Touch)	
	1001181045	1	Breaker, 30mA/16Amp (CE Specs)	
	1001152479	1	Breaker, 16Amp (CE Specs)	
	1001152482	1	Breaker, 30mA (CE Specs)	
	4360578	1	Switch, Limit	

SECTION 11 - SPECIAL OPTIONS

SECTION 11 - SPECIAL OPTIONS

FIGURE 11-1. SPECIAL OPTIONS LIST

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	MISCELLANEOUS SPECIAL OPTIONS:	
	1001221191	Ref	AC Dual Boxes at Platform Installation - 220V (CEE7 Side Ground) (CE Specs Only)	
		Ref	Airline Installations - 1/2in	
	1001200913	Ref	Battery (Trickle) Charger Installation	
	1001148971	Ref	Bolt-on Lanyard Kit (Platform)	
		Ref	Boom Wipers Installations	
		Ref	ClearSky Telematics Kit Options (Dealer Installed)	
	1001250537	Ref	ClearSky Add-on Kit (ANSI Specs) (Dealer Installation)	
	1001254285	Ref	ClearSky Add-on Kit (CE Specs) (Dealer Installation)	
	1001243575	Ref	ClearSky Access Control Add-on Kit (Dealer Installed)	
	1001243183	Ref	ClearSky Access Control Telematics Single Can Add-on Kit (ANSI Specs) (Dealer Installed)	
	1001243184	Ref	ClearSky Access Control Telematics Single Can Add-on Kit (CE Specs) (Dealer Installed)	
	1001236405	Ref	ClearSky Telematics Add-on Kit - Canbus Connection (Dealer Installed) (ANSI Specs)	
	1001247426	Ref	ClearSky Telematics Add-on Kit - Canbus Connection (Dealer Installed) (Australian Specs)	
	1001237110	Ref	ClearSky Telematics Add-on Kit - Canbus Connection (Dealer Installed) ((ANSI Export & CE Specs)	
	1001230504	Ref	ClearSky Telematics Add-on Kit - 3 Wire Connection (Dealer Installed) (ANSI Specs)	
	1001234102	Ref	ClearSky Telematics Add-on Kit - 3 Wire Connection (Dealer Installed) (ANSI Export & CE Specs)	
		Ref	ClearSky (Telematics) Installations (Factory Installed)	
	1001235649	Ref	ClearSky Installation Canbus Connection (Factory Installed) (All Specs Except China Specs)	
	1001236535	Ref	ClearSky Installation Canbus Connection (Factory Installed) (ANSI Export and CE Specs)	
	1001246541	Ref	ClearSky Installation Canbus Connection (Factory Installed) (Australian Specs)	
	1001246542	Ref	ClearSky Installation Canbus Connection (Factory Installed) (China Specs)	
	1001229107	Ref	ClearSky Telematics 3-Wire Connection (Factory Installed) (ANSI and CSA Specs)	
	1001233237	Ref	ClearSky Installation 3-Wire Connection (Factory Installed) (ANSI Export and CE Specs)	
	0270374	Ref	Cold Weather Package Installation - H600SJ & H600SJP	
	1060626	1	Cord, Electrical - 3 Way	
	1001188972	1	Heater, Immersion (Hydraulic Oil)	
	2580024	1	Heater, Battery	
	2580030	1	Heater, Pad	
	1702944	1	Decal - Heater Cord	
	1702941	1	Decal - Battery Heater	
	1702943	1	Decal - Hydraulic Tank Heater	
	1702942	1	Decal - Engine Block Heater	
	0273172	Ref	Container Shipment Preparation (Wheel Installation)	
		Ref	Cylinder Bellows Installations	
	1001188098	Ref	Cylinder Bellows Installation - Chassis	
		Ref	Decal Kit Options:	

SECTION 11 - SPECIAL OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001108728	Ref	Decal Kit - Platform	
	1001223824	Ref	Decal Kit - Platform Box	
		Ref	Electrical Connector Kits	
	1001148902	Ref	Amp Connector Kit	
	1001148903	Ref	Deutsch DT Connector Kit	
	1001148904	Ref	Deutsch HD Connector Kit	
	1001148905	Ref	Packard Connector Kit	
	1001148906	Ref	Various Connector Kit	
	1001237883	Ref	Fall Arrest (Bolt-on) Add-on Kit (6ft/1.82m Platform (ANSI, ANSI Export, China, CSA & Japanese Specs Only) (Fits Platform p/n 1001228376)	
	1001237882	Ref	Fall Arrest (Bolt-on) Add-on Kit (8ft/2.4m Platform (ANSI, ANSI Export, China, CSA & Japanese Specs Only) (Fits Platform p/n 1001186383)	
	4060959	Ref	Footswitch Shield (Note: Move Decal to Shield)	
	1001191395	Ref	Fuel Cap Cover (Lockable) (Green) (Note: Does not include Lock. Lock Must be Purchased Seapartely)	
	1001202749	Ref	Fuel Cap Cover (Lockable) (Black) (Note: Does not include Lock. Lock Must be Purchased Seapartely)	
		Ref	Hose Kit Options:	
	1001239579	Ref	Hose Kit - Platform Valve (EC600SJ & H600SJ)	
	1001239580	Ref	Hose Kit - Platform Valve (EC600SJP & H600SJP)	
	1001198662	Ref	Hose Kit - Power Track (Upper Boom) (EC600SJ & H600SJ)	
	1001198661	Ref	Hose Kit - Power Track (Upper Boom) (EC600SJ & H600SJP)	
	1001241407	Ref	Hostile Environment Add-on Kit - Fixed Axle (Dealer Installed)	
	1001241408	Ref	Hostile Environment Add-on Kit - Oscillating Axle (Dealer Installed)	
		Ref	Lights Options:	
	1001199312	Ref	Headlight and Taillight Installation	
	1001120466	Ref	Platform Worklights	
	1001260577	Ref	Operator Access Control	
		Ref	Platform Padding Installations (Side Entry Platforms)	
	0273381	Ref	30in x 4ft (76cm x 1.22m)	
	0274382	Ref	30in x 6ft (76cm x 1.83m)	
	1001195304	Ref	Platform Console Cover	
	1001205175	Ref	Platform Console Cover Add-on Kit	
	1580013	Ref	Platform Corner Storage Tray	
		Ref	Platform Entry Kit Options:	
	1001142504	Ref	Platform Entry Kit (Replace Swing Gate with Drop Bar)	
	1001142505	Ref	Platform Entry Kit (Replace Drop Bar with Swing Gate)	
		Ref	Platform Mesh Installation Options (Side Entry Platforms) (Factory Installed)	
	1001140318	Ref	Platform Mesh Installation - 30in x 4ft (76cm x 1.22m) Platform (To Mid-Rail) (Factory Installed)	
	1001145985	Ref	Platform Mesh Installation - 30in x 6ft (76cm x 1.83m) Platform (To Mid-Rail) (Factory Installed)	
	0273147	Ref	Platform Mesh Installation - 30in x 4ft (76cm x 1.22m) Platform (To Top-Rail) (Factory Installed)	
	0273148	Ref	Platform Mesh Installation - 30in x 6ft (76cm x 1.83m) Platform (To Top-Rail) (Factory Installed)	
		Ref	Platform Mesh Add-on Kits Options (Side Entry Platforms) (Dealer Installed)	
	1001214478	Ref	Platform Mesh Add-on Kit - 30in x 4ft (76cm x 1.22m) Platform (To Mid-Rail) (Dealer Installed)	

SECTION 11 - SPECIAL OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214524	Ref	Platform Mesh Add-on Kit - 30in x 6ft (76cm x 1.83m) Platform (To Mid-Rail) (Dealer Installed)	L
	1001214552	Ref	Platform Mesh Add-on Kit - 30in x 4ft (76cm x 1.22m) Platform (To Top-Rail) (Dealer Installed)	
	1001214560	Ref	Platform Mesh Add-on Kit - 30in x 6ft (76cm x 1.83m) Platform (To Top-Rail) (Dealer Installed)	
		Ref	Platform Rail Extension Installations (Side Entry Platforms)	
	1001103617	Ref	Platform Rail Extension Installation -30in x 4ft (76cm x 1.22m) Platform	
	0274691	Ref	Platform Rail Extension Installation - 30in x 6ft (76cm x 1.83m) Platform	
	1001190897	Ref	Service Kits	
	1001247073	Ref	SkyEye Retrofit Kit	
	1001241547	Ref	SkyEye Repair Kit - LH Housing	
	1001241548	Ref	SkyEye Repair Kit - RH Housing	
		Ref	SkyGuard Component Options:	
	1001218499	Ref	SkyGuard Kit (Without Beacon)	
	1001218502	Ref	SkyGuard With Beacon (Blue)	
	1001218503	Ref	SkyGuard With Beacon (Red)	
	1001249052	Ref	SkyGuard Retrofit Kit	
	1001250035	Ref	SkyGuard Platform Sensor Retrofit Kit	
	1001232643	Ref	SkyLine Add-on Kit	
		Ref	SkySense/Enhanced Detection System Installation (Factory Installed)	
	1001250465	Ref	SkySense/Enhanced Detection System - Level 1 Boom (Factory Installed)	
	1001250466	Ref	SkySense/Enhanced Detection System - Level 2 Boom (Factory Installed)	
		Ref	SkySense/Enhanced Detection System Add-on Kit (Dealer Installed)	
	1001246867	Ref	SkySense/Enhanced Detection System Add-on Kit - Level 1 Boom (Dealer Installed)	
	1001246860	Ref	SkySense/Enhanced Detection System Add-on Kit- Level 2 Boom (Dealer Installed)	
		Ref	Strobe Light Installations (Amber)	
	1001191144	Ref	Platform Mounted	
	1001214094	Ref	Platform/Ground Mounted	
		Ref	Tools for Service	
	2901443	1	Analyzer, Machine	
	1001249695	1	Analyzer, Machine with Cable	
	1001249941	1	Analyzer, Machine (Battery Powered)	
	1001137005	1	Software Cable Kit	
	7002828	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 Pins/Sockets for Deutsch Connectors)	
	4460510	1	Extractor - 12-14 Gauge (For Removal of Pins/Sockets for Deutsch Connectors)	
	7002840	1	Anti Pin Removal Tool - (Required to Disassemble Valve 4641143 to Install Seal Kit)	
	7002822	1	Screwdriver, Potentiometer (To Adjust Drive Controllers)	
	7016654	1	Screwdriver, Magnetic	
	7004275	1	Seal Installation Tool - 1in	

SECTION 11 - SPECIAL OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7004276	1	Seal Installation Tool - 1-1/2in	
	7002826	1	Seal Installation Tool - 2in	
	2915102	Ref	Turntable Bearing Kit	
	1001227293	Ref	Voltage Guard Installation (120-240V, 50/60Hz)	
	2910886	Ref	Wear Pad Kit	
		Ref	Weld Leads Installations	
	0270436	Ref	Weld Leads Installations - EC600SJ & H600SJ	
	0270448	Ref	Weld Leads Installations - EC600SJP & H600SJP	
	1001235850	Ref	White Noise Alarm Add-on Kit	
	1001235853	Ref	White Noise Ambient Alarm Add-on Kit	

PART NUMBER INDEX

SECTION 11 - SPECIAL OPTIONS

0060056.....181, 191	0275217351, 443	0641606.....25, 27, 29, 33, 71, 73, 89, 91, 93, 97, 99, 157, 161, 163, 165, 171, 173, 177, 181, 185, 187, 313	0840032121, 125
0060057.....181, 193	0275452353, 445	0641607.....25, 27, 29, 33, 181, 185, 187	0840048123
0080233.....29, 33	0275453355, 447	0641608.....27, 177, 181, 185, 187	0840049123
0100009.....237, 241, 245, 249	0275454357, 449	0641609.....185, 187	0860038347, 359
0100011.....13, 15, 17, 19, 21, 25, 27, 29, 33, 37, 39, 63, 65, 67, 71, 73, 79, 85, 89, 91, 93, 97, 99, 101, 103, 105, 107, 109, 111, 113, 115, 117, 119, 121, 123, 125, 127, 129, 131, 133, 135, 143, 145, 157, 161, 163, 171, 173, 177, 181, 185, 187, 195, 197, 199, 207, 211, 215, 221, 223, 273, 275, 277, 279, 313, 389, 391, 393, 395, 397	0275663407	0641610.....13, 15, 17, 19, 21, 37, 39, 157, 229, 231, 233, 235	0860520481, 483, 485, 487, 489, 491, 493, 495
0100019.....27, 29, 33, 37, 39, 79, 85, 178, 182	0275664409	0641612.....157, 177, 181, 389, 391, 393, 395, 397	086137539
0100020.....37, 39, 97, 99, 161, 163, 259, 326, 330, 334, 338	0275665411	0641614 91, 93, 127, 165, 349, 351, 353, 355, 357	0861731445, 447, 449
0100035.....55, 57, 59, 147, 237, 241, 245, 249, 267	0275666403	0641616.....177, 181, 185, 187	0861781441, 443
0100038.....17, 19, 21, 313	0275667405	0641618.....165, 177, 181	0861880385
0100048.....121, 123, 125	0275677405	0641660.....161, 163	0902659161, 163
0100081.....157, 281, 283, 285	0275928281	0641810.....181	0940088157
0100083.....59	0275945281	0641811.....177	0940092279
0140011.....237, 241, 245, 249	034004993	0641812.....17, 19, 21, 181, 195	0940094279
0140043.....143	036291065	0641814.....37, 39	0940167277
0200048.....277, 279	0362929178, 181	0641818.....13, 15	0940177279
0239585.....87	0400201161	0641820.....121, 123, 125	0961948 29, 33, 185, 187
0258303.....347	0400202121, 125	0642010.....13, 15, 17, 19, 21, 65	096195013, 15, 17, 19, 21, 307
0258304.....345	044016129, 33	0642012.....177, 181, 281, 283, 285	0961951 41, 43, 177, 301, 303, 309
0258305.....359	044016225, 27	0642030.....25, 27, 29, 33	0962257189
0259549.....177	044024085	0642216.....177, 181	0962270217, 225
0259849.....85	0561185185, 187	0642684.....191, 193	096229227, 29, 33, 41, 43, 177
0270279.....181	0561380177, 181	0681608.....195	0962297177, 181, 185, 187
0270374.....512	0610131101, 105, 107, 111, 113, 117	0681620.....287, 289, 291, 293, 295	096234827
0270430.....497	0630462277, 279	0681812.....29, 33	1001091429283
0270436.....515	0630467197, 199	0681814.....217, 225	1001091430285
0270448.....515	0630535313	0681818.....13, 15	1001091431283
0270527.....65	0630536305	0681822.....217, 225	1001091432285
0270528.....65	0630539178, 181	0682012.....37, 39	1001091433283
0270629.....499	0630568238, 241, 246, 249	0682026.....85	1001091434285
0270630.....503	0641404 29, 33, 237, 241, 245, 249, 275	0682212.....67	100109258629, 33, 53
0270631.....501	0641405127, 275	0682424.....287, 289, 291, 293, 295	1001094670178, 182
0270752.....79	0641406 97, 99, 101, 105, 111, 113, 117, 143, 145, 153, 155, 161, 163, 165, 178, 181, 229, 231, 233, 235, 269, 481, 485, 487, 489, 491, 493, 495	0700812.....91, 93	1001096148121, 123, 125
0271382.....155	0641407145, 157	070121717, 19, 21	1001100341441
0272418.....497	0641408 37, 39, 103, 107, 109, 115, 119, 165, 229, 231, 233, 235, 349, 351, 353, 355, 357	0721004.....65, 67	1001100342443
0272692.....61	064140929, 33	0721005.....39, 277	1001100345445
0272693.....61	0641414237, 241, 245, 249, 273, 277, 279	0731005.....279	1001100346449
0272694.....61	0641416 37, 39, 349, 351, 353, 355, 357	0741005.....71, 73	1001100347447
0273147.....513	0641418127, 207, 211, 215, 221, 223	0741606.....178, 182	1001102771415
0273148.....513	064142417, 19, 21	0741607 65, 67, 177, 181	1001103012463
0273172.....512	064150429, 33, 65, 67	0761014.....195	1001103105101, 105, 111, 113, 117, 367
0273381.....513	064150563	0761216.....195	1001103617514
0274382.....513	064150637, 121, 123, 125, 157	0791410.....63	1001104498463
0274691.....514	064150739, 197, 199	0791506.....37, 39	1001107854463
0275216.....349, 441	0641508157, 165	0801207.....177, 185	1001108728513
	0641510121, 123, 125	0801239.....181, 187	1001108923497
	064151191, 93	0801582.....185	1001109503129, 131, 133, 135
	0641514171, 173	0801583.....187	1001110434237, 241, 245, 249
	0641518178, 181	0801606.....185	1001110873347
	064152817, 19, 21	0801611.....187	
	064160425, 27, 37, 39	0840031.....121, 125	

SECTION 11 - SPECIAL OPTIONS

1001113680.....485	1001144147.....375, 399, 421	1001170367...55, 57, 508	1001183374.....125
1001113961.....469	1001144296.....375, 421	1001172260.....121, 123, 125	1001183375.....123
1001116031.....89	1001144433.....273	1001172293.....63	1001183535.....389
1001116106.....89	1001144629.....209, 213, 219, 221, 227	1001172663.....508	1001183536.....393
1001116208.....497	1001145985.....513	1001172760.....237, 241, 245, 249	1001183538.....391
1001116692.....425, 463	1001148902.....513	1001172876.....121, 123, 125	1001183539.....395
1001116693.....469	1001148903.....513	1001173387.....127	1001183540.....397
1001116720.....457	1001148904.....513	1001173703.....497	1001183584.....33
1001116732.....423, 463	1001148905.....513	1001174040.....195	1001183882.....379, 389, 391, 393, 395, 397
1001116733.....423, 463, 464	1001148906.....513	1001174447.....55, 57	1001183884.....383, 393, 395, 397
1001116734.....463, 464	1001148971.....512	1001174461.....13, 17	1001183885.....381, 389, 391
1001116763.....463	1001149570.....371	1001174522.....13	1001184206.....37, 39, 51
1001116810.....470	1001149994.....147, 149, 151	1001174523.....15	1001184853.....37, 39
1001116811.....367	1001151393.....129, 131, 133, 135	1001174525.....17	1001184855.....37, 39
1001116812.....375, 399, 401, 415, 421, 425, 463, 464, 469	1001151395.....25, 27	1001174527.....21	1001185281.....237, 241, 245, 249
1001116815.....463	1001151428.....25, 27	1001174528.....19	1001186231.....469
1001116846.....487, 497	1001152479.....509	1001174542.....157	1001186333.....225
1001117172.....259	1001152482.....509	1001174792.....15, 21	1001186375.....211
1001117372.....299	1001152483.....387	1001174891.....91	1001186378.....215
1001118384.....459	1001152486.....353, 355, 387	1001175087.....85	1001186383.....227
1001118388.....457, 459	1001153749.....127	1001175088.....85	1001186384.....219
1001119619.....453	1001155044.....129, 131, 133, 135, 237, 241, 245, 249, 261, 263, 265	1001175158.....13, 15, 17, 19, 21	1001186385.....213
1001119620.....451, 455	1001155045.....129, 131, 133, 135, 237, 241, 245, 249, 265, 508	1001175539.....93	1001186387.....209
1001120328.....273, 275	1001156351.....345	1001175575.....157	1001186388.....217
1001120466.....513	1001156352.....345	1001175596.....157	1001186431.....273, 509
1001120989.....497	1001156428.....29	1001176469.....131, 135	1001186432.....457, 459
1001125677.....401, 421, 437, 439, 469	1001156429.....29, 33	1001176711.....121, 123, 125, 508	1001186517.....273
1001125778.....113	1001156430.....29, 33	1001178339.....59, 508	1001186860.....55, 57
1001125779.....111	1001157890.....463, 467, 470	1001179499.....417, 419	1001187382.....195
1001125780.....101	1001157891.....463, 467, 469	1001179500.....417, 419	1001187383.....195
1001125781.....117	1001159186.....425, 437, 439	1001179842.....121, 123, 125	1001187674.....271
1001126008.....463, 464	1001159256.....237, 241, 245, 249, 508	1001180652.....63	1001187681.....377, 453
1001126009.....459	1001161117.....25, 27, 29, 33, 508	1001180653.....55, 57	1001187816.....413
1001126185.....101, 103, 105, 109, 111, 113, 115, 117, 119	1001161710.....237, 241, 261, 263, 508	1001180654.....37, 55	1001188058.....129, 131, 133, 135
1001126245.....464	1001162843.....105	1001180779.....59	1001188098.....512
1001129555.....508	1001162887.....375	1001180780.....37, 39, 59	1001188291.....379, 381, 383, 389, 391, 393, 395, 397
1001131269.....481, 489	1001163340.....375	1001180902.....29	1001188292.....379, 381, 383
1001132049.....401	1001163580.....17, 19, 21, 299	1001180904.....29, 33	1001188293.....389, 391, 393, 395, 397
1001132050.....401	1001164817.....299	1001180908.....25, 27	1001188354.....379, 381, 383, 389, 391, 393, 395, 397
1001137005.....514	1001165035.....161, 163	1001180912.....25, 27, 41	1001188622.....195
1001137673.....273, 509	1001166538.....237, 241, 245, 249, 253	1001180934.....25	1001188844.....195
1001138494.....211, 215, 221, 223	1001166539.....237, 241, 245, 249, 255	1001180935.....29	1001188972.....512
1001138514.....211, 215, 223	1001167565.....195	1001180936.....27	1001189001.....195
1001139654.....497	1001167567.....195	1001180937.....33	1001189002.....195
1001140281.....25, 27, 29, 33, 311	1001168402.....195	1001181045.....385, 509	1001189039.....237, 241, 245, 249, 259, 508
1001140282.....177, 181, 303	1001169423.....25, 27, 29, 33	1001181065.....63	1001189171.....387
1001140318.....513	1001169582.....87	1001181066.....37	1001189172.....387
1001140429.....207, 211, 215, 221, 223	1001170365.....39, 508	1001181067.....39	1001189882.....497
1001140596.....177, 181, 301		1001181924.....63	1001190577.....463, 464
1001141300.....497		1001182136.....17, 19, 21, 23	1001190897.....514
1001141302.....277, 497		1001182477.....127, 425	1001190985.....195
1001141581.....30, 34		1001182494.....37, 39, 45	1001191139.....147
1001142504.....513		1001182700.....127, 508	1001191140.....147
1001142505.....513		1001182707.....19	1001191144.....514
		1001182806.....145	1001191395.....513
		1001182960.....37, 39	
		1001182996.....417, 419	
		1001183229.....127	
		1001183368.....143	
		1001183373.....121	

SECTION 11 - SPECIAL OPTIONS

1001191463	67	1001200913	512	1001219391	71, 73, 75	1001232667	275, 509
1001191469	67	1001201329	377	1001219392	197, 201	1001233237	512
1001191471	67	1001201351	195	1001219393	199, 203	1001233259	197, 199
1001191489	67	1001202373	161, 163	1001219601	37, 39, 508	1001233560	121, 123, 125
1001191493	67	1001202374	161, 163	1001219722	37, 39	1001234102	512
1001191596	157	1001202439	317	1001220271	37, 39	1001235011	275
1001191597	157	1001202441	341	1001220357	326, 330	1001235013	275
1001192053	265	1001202444	319	1001220358	334, 338	1001235649	512
1001192212	59, 508	1001202749	513	1001220486	242, 250	1001235850	515
1001192293	153, 427	1001203654	217	1001221130	349, 351, 353, 355, 357	1001235853	515
1001192373	157	1001203655	225	1001221185	353	1001236405	512
1001192399	277	1001203734	423	1001221187	355	1001236535	512
1001192401	469	1001203823	129	1001221188	357	1001236552	275
1001193018	349, 351, 353, 355, 357	1001204270	279	1001221189	349	1001236746	295
1001193419	277, 279	1001204725	195	1001221190	351	1001236747	291
1001193545	427	1001205043	389, 391, 393, 395, 397	1001221191	512	1001236891	287, 289, 291, 293, 295
1001193987	237, 241	1001205044	389, 391, 393, 395, 397	1001221386	161, 163	1001236895	287, 289, 291, 293, 295
1001194037	121, 125, 363	1001205056	121, 125	1001223055	481	1001237110	512
1001194312	63	1001205175	513	1001223824	513	1001237667	437, 439
1001195304	513	1001205409	375	1001223971	489	1001237668	437, 439
1001195754	499, 505	1001207004	151	1001224048	493	1001237862	451, 455
1001195835	25, 27, 29, 33, 461	1001207674	99, 139, 163, 173, 263	1001224049	495	1001237863	271, 455
1001195836	37, 39, 467	1001207674	99, 139, 163, 173, 263	1001224050	487	1001237864	271, 451
1001195867	37, 39, 463	1001207969	197, 199	1001224052	485	1001237865	271, 453
1001196061	417, 419	1001207974	107	1001224053	491	1001237882	513
1001196062	417, 419	1001208628	161, 163	1001225580	273, 457	1001237883	513
1001196063	417, 419	1001209664	273	1001226872	207	1001238263	287, 289, 291, 293, 295
1001196065	417, 419	1001209679	481, 483, 485, 487, 489, 491, 493, 495	1001227293	515	1001238319	271
1001196066	417, 419	1001209679	481, 483, 485, 487, 489, 491, 493, 495	1001227633	271	1001238418	275, 459
1001196067	417, 419	1001211363	245, 249	1001227634	271	1001238463	293
1001196117	163	1001212277	245, 249	1001227985	271	1001238472	275
1001196121	499	1001212277	245, 249	1001227987	271	1001238477	275
1001196122	499	1001212359	55, 57	1001227996	451, 455	1001238495	273
1001196190	153	1001212415	508	1001228014	181, 305	1001238559	275
1001196237	417, 419	1001212415	508	1001228017	185, 187, 313	1001238732	267
1001196238	417, 419	1001212450	57	1001228215	207	1001238824	275
1001196239	417, 419	1001213447	437, 439	1001228224	271, 508	1001239579	513
1001196240	417, 419	1001213625	497	1001228225	271, 509	1001239580	513
1001196241	417, 419	1001213626	39	1001228232	29, 33, 49	1001239800	151
1001196485	37, 417	1001213882	237, 245	1001228370	481, 489	1001239801	149
1001196520	237, 245, 508	1001214029	497	1001228376	221	1001241407	513
1001196634	415	1001214093	147	1001228377	223	1001241408	513
1001196635	375	1001214094	514	1001228392	123	1001241547	514
1001197017	277	1001214478	513	1001228395	123	1001241548	514
1001198661	513	1001214524	514	1001228857	123, 365	1001241965	275
1001198662	513	1001214552	514	1001228858	123	1001243183	512
1001198666	147, 369	1001214560	514	1001229107	512	1001243184	512
1001199312	513	1001214667	57, 508	1001229341	271	1001243575	512
1001199313	97, 137, 161, 171, 261	1001214669	39, 57	1001229692	497	1001245164	267
1001199409	161, 163, 423	1001214800	39, 419	1001230504	512	1001245173	267
1001200173	141, 435, 508	1001214801	419	1001231007	145, 477	1001245179	267
1001200254	141	1001214804	39	1001231801	481	1001245210	267
1001200255	89	1001215228	238, 241, 246, 249	1001231886	145	1001245293	373
1001200381	161, 163	1001215835	242, 250, 508	1001231949	295	1001245673	238, 242, 246, 250, 437, 439
1001200491	195	1001216630	195	1001231950	291, 293	1001245675	127, 469
1001200494	195	1001217005	149	1001231990	145	1001246541	512
1001200620	319	1001217779	177, 189	1001232010	291, 293, 295	1001246542	512
1001200621	319	1001217842	463, 464	1001232011	291, 293, 295	1001246659	497
1001200622	319	1001217843	464	1001232164	271	1001246860	514
1001200910	149	1001217844	463, 464	1001232165	271	1001246867	514
		1001218499	514	1001232642	275	1001247073	514
		1001218502	514	1001232643	514	1001247426	512
		1001218503	514	1001232650	275		
		1001219342	195				

SECTION 11 - SPECIAL OPTIONS

1001247468.....195	1001253926.....487	1060827.....153, 155	1702773.....225
1001247538.....237, 241, 245, 249	1001253927.....487	1060828.....153, 155	1702774.....497
1001248080.....165, 167	1001253928.....485	1060848.....121, 125	1702860.....497
1001248082.....161, 163, 165	1001253929.....485	1060896.....379, 381, 383	1702868.....481, 497
1001248140.....287, 289, 291, 293, 295	1001253930.....495	1060903.....277, 279	1702901.....481
1001248141.....287, 289, 291, 293, 295	1001253931.....495	1060908.....385, 387	1702938.....279
1001248316.....229, 237	1001253932.....491	1100124.....17, 19, 21	1702941.....512
1001248317.....229	1001253933.....491	1120555.....281, 283, 285	1702942.....512
1001248318.....231, 241	1001254285.....512	1260017.....87	1702943.....512
1001248319.....231	1001255133.....195	1320022.....97, 99, 161, 163	1702944.....512
1001248320.....235, 245	1001255918.....237, 241, 245, 249, 473	1320043.....25, 27	1703797.....481
1001248321.....235	1001255919.....127, 475	1320070.....178, 181	1703804.....481
1001248322.....233, 249	1001256649.....497	1320135.....161, 163	1703805.....481
1001248323.....233	1001256650.....497	1320159.....121, 123, 125	1703813.....481
1001248324.....127	1001256651.....497	1320172.....361, 363, 365	1703923.....495
1001248325.....481	1001256652.....497	1320256.....389, 391, 393, 395, 397	1703924.....489
1001248326.....483	1001256653.....497	1320263.....25, 27	1703925.....487
1001248327.....491	1001256654.....497	1320271.....85	1703926.....491
1001248328.....493	1001256655.....497	1320277.....178, 181	1703927.....493
1001248329.....495	1001256656.....497	1380136.....71, 73	1703928.....485
1001248330.....489	1001257271.....287, 289	1380158.....161, 163	1703929.....495
1001248331.....487	1001257274.....287, 289	1580012.....269	1703930.....489
1001248332.....485	1001257275.....289	1580013.....513	1703931.....487
1001248333.....131	1001258005.....289	1600466.....367	1703934.....485
1001248334.....131	1001259149.....373	1670836.....185, 187	1703935.....495
1001248335.....131	1001259155.....373	1670911.....177, 181	1703936.....489
1001248336.....135	1001259489.....103, 109, 115, 119	1670912.....177, 181	1703937.....487
1001248337.....135	1001259502.....103, 109, 115, 119, 415	1670913.....177, 181	1703938.....491
1001248338.....135	1001259541.....103, 109, 115, 119, 421	1670928.....177, 181	1703939.....493
1001249052.....514	1001259548.....103, 109, 115, 119, 399	1670930.....157	1703940.....485
1001249148.....481, 483, 485, 487, 489, 491, 493, 495, 497	1001259560.....103, 109, 115, 119, 401	1683866.....177, 181, 309	1703941.....495
1001249330.....129	1001260408.....103, 109, 115, 119	1684290.....299	1703942.....489
1001249332.....129	1001260414.....373, 375	1701499.....481, 483, 485, 487, 489, 491, 493, 495	1703943.....487
1001249333.....133	1001260577.....513	1701500.....481, 483, 485, 487, 489, 491, 493, 495	1703944.....491
1001249334.....133	1001260908.....330	1701501.....481, 483, 485, 487, 489, 491, 493, 495	1703945.....493
1001249335.....133	1001260909.....338	1701502.....481, 483, 485, 487, 489, 491, 493, 495	1703946.....485
1001249695.....514	1001260910.....330	1701503.....481, 483, 485, 487, 489, 491, 493, 495	1703947.....495
1001249941.....514	1001260911.....338	1701504.....481, 483, 485, 487, 489, 491, 493, 495	1703948.....489
1001250035.....514	1001261130.....481, 483, 485, 487, 489, 491, 493, 495	1701505.....161, 163, 497	1703949.....487
1001250318.....71, 197	1001261335.....287	1701509.....281, 283, 285, 481, 483, 485, 487, 489, 491, 493, 495	1703950.....491
1001250319.....73, 199	1001261338.....287	1701517.....483, 485, 487, 489, 491, 493, 495	1703951.....493
1001250465.....514	1001263600.....497	1701518.....483, 503	1703952.....485
1001250466.....514	1001264633.....505	1701529.....481, 483, 485, 487, 489, 491, 493, 495	1703953.....481
1001250537.....512	1001269832.....319	1701644.....481, 483, 485, 487, 489, 491, 493, 495	1703980.....491
1001251014.....177, 307	1001269833.....323	1702155.....481, 483, 485, 487, 489, 491, 493, 495	1703981.....493
1001251382.....103, 107, 109, 115, 119	1001272006.....57	1702251.....497	1703982.....487
1001251477.....115	1060330.....259	1702300.....481, 483, 485, 487, 489, 491, 493, 495	1703983.....495
1001251478.....109	1060461.....431	1702565.....237, 241, 245, 249	1703984.....489
1001251479.....103	1060494.....429	1702566.....237, 241, 245, 249	1703985.....485
1001251480.....119	1060584.....65, 67	1702698.....61	1704000.....489, 497
1001252526.....107	1060626.....512		1704001.....495
1001252629.....287, 289, 291, 293, 295	1060799.....361, 363, 365		1704002.....485
1001253917.....413	1060803.....121, 125, 361		1704116.....489
1001253920.....481	1060813.....101, 103, 105, 107, 109, 111, 113, 115, 117, 119, 433		1704117.....495
1001253921.....481	1060819.....161, 163		1704118.....485
1001253922.....489	1060820.....161, 163		1704119.....491
1001253923.....489			1704120.....493
1001253924.....493			1704121.....487
1001253925.....493			1704174.....497
			1704175.....497
			1704248.....481
			1704260.....237, 241, 245, 249
			1704277.....481, 483, 485, 487, 489, 491, 493, 495
			1704328.....495
			1704329.....489

SECTION 11 - SPECIAL OPTIONS

1704330.....	485	2220240.....	341	2400060.....	375, 401, 415, 437, 439, 470	2753491.....	339
1704331.....	491	2220273.....	85	2410014.....	217, 225	2753492.....	334, 338
1704332.....	493	2220371	317, 319, 323, 326, 330, 334, 338	2460037.....	153	2753493.....	334, 338
1704333.....	487	2220372.....	330, 338	2460038.....	155	2753494.....	334, 338
1704339.....	495	2220373	323, 326, 330, 334, 338	2540020.....	121, 123, 125	2780245.....	25, 27, 43
1704340.....	489	2220374.....	323	2540037.....	39	2792423.....	323
1704341.....	485	2220415	319, 326, 330, 334, 338	2560136.....	237, 241, 245, 249	2792427.....	321
1704342.....	491	2220435	326, 330, 334, 338	2580024.....	512	2820118.....	379
1704343.....	493	2220451	321, 326, 330, 334, 338	2580030.....	512	2820122.....	171, 173
1704344.....	487	2220466	326, 330, 334, 338	2600262.....	157	2820123.....	171, 173
1704412.....	481, 483, 485, 487, 489, 491, 493, 495	2220497.....	323	2600281.....	209, 213, 219, 221, 227	2820126.....	171, 173
1704422.....	237, 241, 245, 249	2220500	326, 330, 334, 338	2680468.....	157	2820232.....	161, 163
1704455.....	503	2220502	326, 330, 334, 338	2680477.....	157	2820247.....	451, 455
1704456.....	503	2220511	326, 330, 334, 338	2680482.....	171, 173	2860030	129, 131, 133, 135, 508
1704457.....	501	2220550	326, 330, 334, 338	2720058.97, 99, 161, 163		2900770.....	191, 193
1704575.....	481	2220578	326, 330, 334, 338	2720271.97, 99, 161, 163		2900792.....	301, 303
1704576.....	501	2220582.....	319	2751095.....	85	2901443.....	514
1704577.....	501	2220596	326, 330, 334, 338	2752463.....	319	2901886.....	305
1704578.....	499	2220603	319, 326, 330, 334, 338	2752471.....	319	2902019.....	313
1704618.....	485	2220606	326, 330, 334, 338	2752498.....	326, 330, 334, 338	2902266.....	299
1704667.....	491	2220635.....	319	2752588.....	319	2902549	349, 351, 357, 385
1704668.....	493	2220711.....	319	2752631.....	319	2910886.....	515
1704670.....	493	2220794.....	161	2752648.....	323	2915102.....	515
1704671.....	491	2220828.....	323	2753002.....	319	2920028	238, 242, 246, 250
1704708.....	481, 483, 485, 487, 489, 491, 493, 495	2220883	23, 299, 305, 307	2753118.....	323	2920029	238, 242, 246, 250
1704724.....	497	2220885.....	313	2753327.....	341	2920151	137, 139, 195
1704725.....	481	2220886.....	307	2753397.....	319	2940074	209, 213, 219, 221, 227, 508
1704728.....	483	2220887.....	307	2753420.....	319	2940095.....	121, 123
1704731.....	487	2220899.....	319, 323	2753440.....	326, 330, 334, 338	2940124.....	157
1704732.....	495	2220934	326, 330, 334, 338	2753441.....	326, 330, 334, 338	2940130.....	125
1704733.....	489	2220947	326, 330, 334, 338	2753442.....	326, 330	3000014	121, 123, 125
1704885.....	481, 483, 485, 487, 489, 491, 493, 495	2220950	326, 330, 334, 338	2753443.....	326, 330, 334, 338	3020037.....	91, 93
1705014.....	217, 225	2220998.....	323	2753444.....	326, 330, 334, 338	3160252.....	91, 93, 95
1705084.....	483	2221033	326, 330, 334, 338	2753445.....	326, 330, 334, 338	3160257.....	79, 82
1705325.....	349	2221034.....	319	2753446.....	326, 330	3200425.....	165
1705351.....	481	2221046 .97, 99, 161, 163		2753447.....	326, 330, 334, 338	3251243	481, 485, 489, 495
1705358.....	497	2221047 .97, 99, 161, 163		2753448.....	326, 330, 334, 338	3252331.....	497
1705426.....	491	2221052.....	341	2753449.....	326, 330, 334, 338	3252347.....	481
1705427.....	493	2221061	326, 330, 334, 338	2753450.....	326, 330	3252507	351, 353, 355, 357, 359
1705429.....	489	2221063	326, 330, 334, 338	2753451.....	326, 330, 334, 338, 341	3252692.....	503
1705430.....	487	2221086	326, 330, 334, 338	2753452.....	323	3252693.....	501
1705670.....	483	2230031	326, 330, 334, 338	2753453.....	326, 330, 334, 338	3252780.....	497
1705822.....	483	2400044.....	39	2753454.....	326, 330, 334, 338	3271505.....	197, 199
1705828.....	483			2753455.....	326, 330, 334, 338	3271605	287, 289, 291, 293, 295
1705910.....	495			2753456.....	326, 330, 334, 338	3271805.....	217, 225
1705921.....	483			2753458.....	326, 330, 334, 338	3272001	287, 289, 291, 293, 295
1705978.....	483			2753459.....	323	3272605.....	191, 193
1706377.....	481, 483, 485, 487, 489, 491, 493, 495			2753460.....	323	3290405	349, 351, 353, 355, 357
1706378.....	483			2753461.....	323	3290501.....	373
1706385.....	217, 225					3290606	211, 215, 223
1706392.....	483					3291001.....	195
1706957.....	505					3291005.....	195
1706960.....	505					3291201.....	195
1707192.....	281					3291205.....	195
2080040.....	209, 213, 219, 221, 227					3300151	207, 211, 215, 221, 223
2160002.....	85						
2180344.....	85						
2200222.97, 99, 161, 163							
2220063.....	85						
2220235.....	317						
2220238.....	321						

SECTION 11 - SPECIAL OPTIONS

3300353237, 241, 245, 249	3422793177	3790012.....129, 131, 133, 135, 237, 241, 245, 249, 261, 263, 265	406080837, 39
330042629, 33, 61	3422794177, 181		4060959513
3300430273	3422808177, 182		4070863185, 187
330045429, 33	3422811177, 182	3820001.....481, 483, 485, 487, 489, 491, 493, 495, 497, 501, 503	4070864185, 187
3310805141	342281725, 27, 29, 33		407089713, 15, 17, 19, 21, 185, 187
331100139, 101, 103, 105, 107, 109, 111, 113, 115, 117, 119	342281929, 33	3820017.....121, 123, 125	407089813, 15, 17, 19, 21, 185, 187
331100571, 73, 89	3422830177, 182	3820020.....209, 213, 219, 221, 227	4070929185, 187
3311401 37, 39, 127, 157, 277, 279	3422833177, 182	3841143.....25, 27, 29, 33, 177, 182, 195	407094413, 15
3311405127, 145, 153, 155, 165, 178, 181, 229, 231, 233, 235, 275, 349, 351, 353, 355, 357, 481, 483, 485, 487, 489, 491, 493, 495	342284165, 67	3841203.....177, 182	407100979
3311408101, 105, 111, 113, 117	342284765, 67	3841258.....13, 15, 17, 19, 21, 177, 182	407101085
3311501 ..17, 19, 21, 178, 181, 277, 279	342284827	3841287.....177, 182	4100026393, 395, 397
3311505 91, 93, 121, 123, 125, 157, 165	3430616238, 242, 246, 250	3841443.....25, 27, 29, 33	4160187177, 182
3311601157, 238, 241, 246, 249, 275	345040641	3900054.....217, 225	4160194157
3311605127, 161, 163, 165, 171, 173, 177, 181, 217, 225, 229, 231, 233, 235, 349, 351, 353, 355, 357	3460334281, 283, 285	3900085.....147, 149, 151	4240018161, 163
3311801121, 123, 125	3460492161, 163	3900232.....157	4240032 25, 27, 101, 103, 105, 107, 109, 111, 113, 115, 117, 119, 237, 241, 245, 249
3311805177, 181, 195	3470003238, 242, 246, 250	3900259.....185, 187	4240033 30, 33, 101, 103, 105, 107, 109, 111, 113, 115, 117, 119, 271, 273, 275, 379, 381, 383, 389, 391, 393, 395, 397
331200279, 287, 289, 291, 293, 295	3520026129, 131, 133, 135	3900262.....85	424008437, 39
3312005281, 283, 285	3520028129, 131, 133, 135	3900280.....177, 182	4240099277, 279
3312602147, 149, 151	3520030237, 241, 245, 249	3900283 71, 73, 129, 131, 133, 135, 171, 173	4240149281, 283, 285
3321501157	3520031121, 123, 125	3900284.....85	4240178161, 163
332220225, 27, 29, 33	3520034178, 182	3900293.....79	430014529, 33
332300325, 27	3520054 ..17, 19, 21, 237, 241, 245, 249	3900295.....27	4341107165
332340329, 33	352006463	3900296.....27	4341109165
334083713, 15, 17, 19, 21	3520072207, 209, 211, 213, 215, 217, 219, 221, 223, 225, 227	3900349.....237, 245	4360057277, 279, 509
334086085, 178, 181	3520198207, 209, 211, 213, 215, 219, 221, 223, 227	3910610.....347, 359	4360274137, 139, 508
3340861178, 181	353987713, 15	3910804.....129, 131, 133, 135	4360387131, 135, 237, 241, 245, 249, 277, 279, 508
3340871185, 187	3571584105, 107, 109, 111, 113, 115, 117, 119	3911010.....267	4360407237, 241, 245, 249, 508
3340873177, 181	3571856157	3911016.....101, 103, 105, 107, 109, 111, 113, 115, 117, 119	4360469129, 131, 133, 135, 508
3340877157	3571857157	3930828.....141	4360475129, 131, 133, 135, 237, 241, 245, 249, 508
3340880313	3571858157	3931010.....89	4360476129, 131, 133, 135, 237, 241, 245, 249
3340881185, 187	357200965, 67	3931012.....55, 57	436051789, 508
3340956281, 283, 285	357201065, 67	3931016.....59	4360578435, 509
3380434229, 231, 233, 235	357201165, 67	3931408.....25, 27, 29, 33, 273	440043097, 99
3380620165	357201265, 67	3931448.....313	440045591, 93
342037265, 67	3572040313	3931528.....313	4420014281, 283, 285
342044765, 67	3572063157	3931616.....178, 182	442003891, 93
342156565, 67, 87	357232829, 33	3931824.....79	4420051497, 501, 503
3422457185, 187	3572348171, 173	3932032.....305	4420066281, 283, 285
3422568177, 181	3572349171, 173	3932232.....79	4420068277
3422576181	357249027	3952020.....79	4460016437, 439
3422583177, 181	357250665, 67	3960389.....161, 163, 165	4460025361, 363, 365
342259213, 15, 17, 19, 21	3572551178, 182	3960418.....161, 163, 165, 178, 182	4460042259
342269225, 27	357262879	3960422.....347, 359	4460049277, 279
3422791177, 181	3575359279	3960447.....129, 131, 133, 135	4460071259, 347, 359
3422792177, 181	3575705277	3960464.....157, 171, 173	4460125359
	360031091, 93	3980035.....161, 163	4460134347, 429
	3641569279	3990001.....415	4460138429, 431
	374008055, 423, 508	4010408.....349, 351, 353, 355, 357	4460183425
	3740086459	4010618.....211, 215, 223	4460205347
	3760133185, 187	4031505271	
	3760170 ..65, 67, 87, 121, 123, 125	4031516275	
		403192037, 39	
		4060092359	
		4060803197, 199	
		406080463	

SECTION 11 - SPECIAL OPTIONS

4460225.....371, 423, 437, 439	4460509 379, 381, 383, 469, 470	4460943.....149, 151, 375, 399, 421, 453, 463, 467, 469	471340029, 33
4460226.....137, 139, 195, 253, 256, 259, 277, 279, 433, 437, 470	4460510514	4460944.....375, 399, 401, 415, 421, 425, 461, 463, 464, 467, 469, 470	474003665, 67
4460227.....423, 425, 437, 469, 470, 473	446051651	4460945.....463, 469	4740111 25, 27, 29, 33
4460233..... 359	4460536 437, 439, 477	4460950.....463, 467	474015527
4460234.....101, 103, 105, 107, 109, 111, 113, 115, 117, 119, 237, 241, 245, 249, 277, 279	4460539 437, 439, 461, 463, 464, 469, 475, 477	4460956.....385	4740158 13, 15, 17, 19, 21
4460259.....423, 425, 437, 439	4460662 349, 351, 353, 355, 357	4460957.....385	4740274165
4460260.....423, 425, 437, 439	4460670464	4460968.....435	4740362 229, 231, 233, 235
4460265.....253, 256, 371	4460701359	4461077401, 453, 459	4740397 129, 131, 133, 135, 237, 241, 245, 249, 261, 263, 265
4460267.....371, 423, 425, 437, 439	4460703464	4461196.....403, 441	4740492178, 182
4460268..... 439	4460708 237, 241, 245, 249, 437, 439	4461198.....441	4750800141
4460294..... 439	4460709 155, 345, 349, 351, 353, 355, 357	4461199.....405, 443	4751000 39, 65, 67, 71, 73, 147, 149, 151
4460313..... 425	4460710 345, 349, 351, 353, 355, 357, 431	4461201.....443	4751400 157, 165, 229, 231, 233, 235, 237, 241, 245, 249, 269, 277, 279, 481, 483, 485, 487, 489, 491, 493, 495
4460315.....347, 359	4460742475	4461244.....445	4751500 29, 33, 37, 39, 63, 91, 93, 121, 123, 125, 157, 165, 171, 173, 178, 181, 277, 279
4460320.....423, 425	4460743475	4461245.....447	4751600 37, 39, 91, 93, 97, 99, 157, 161, 163, 165, 171, 173, 229, 231, 233, 235
4460321..... 433	4460761 433, 437, 439, 469, 470	4461246.....449	4751800 .. 17, 19, 21, 121, 123, 125, 217, 225, 277, 279
4460346..... 347	4460802 101, 103, 105, 107, 109, 111, 117, 119	4461249.....411, 449	4760600347, 359
4460374..... 463	4460803101, 103	4520264..... 61	4761000 101, 103, 105, 107, 109, 111, 113, 115, 117, 119
4460418.....425, 437, 439	4460805 107, 117, 119	4567139.....326, 330, 334, 338	4761400269
4460419.....425, 437, 439	4460806425	4568133.....65, 67	4811400 349, 351, 353, 355, 357
4460424.....137, 139, 195, 470	4460806467, 470	4640261.....65, 67	4811600373
4460425.....277, 279	4460866 437, 439, 469	4640438.....305, 307	4811700 211, 215, 223
4460428.....105, 107, 109, 111, 113, 115, 117, 119, 237, 241, 245, 249	4460868401, 425	4640509.....301, 303, 305, 307	481190037, 39
4460434.....237, 241, 245, 249, 437, 439	4460871 415, 425, 437, 439, 464, 469, 475, 477	4640741.....82	4812000195
4460449..... 475	4460872415, 475	4640858.....299	4812100195
4460458..... 475	4460873 437, 439, 464, 469	4640861.....326, 330, 334, 338	4845925178
4460464.....145, 367, 369, 375, 377, 381, 383, 415, 423, 427, 435, 437, 439, 457, 459, 461, 463, 467, 469, 477	4460874 437, 439, 469	4640871.....17, 19, 21	4846066178, 182
4460465.....147, 371, 375, 377, 379, 381, 383, 401, 415, 421, 423, 427, 437, 439, 457, 463, 467, 469, 470, 473, 475, 477	4460875 437, 439, 475	4640932.....301	4846067178, 182
4460466.....271, 375, 379, 381, 383, 389, 391, 393, 395, 397, 399, 401, 415, 421, 423, 425, 427, 437, 439, 453, 457, 459, 463, 464, 469, 470	4460876425	4641122..... 61	4846074178, 182
4460467..... 514	4460877401, 425	4641129.....305, 307	4846075178, 182
4460470.....127, 237, 241, 245, 249	4460878469	4641148.....29, 33	484607625, 27
4460471.....127, 237, 241, 245, 249	4460879437, 439	4641179.....313	484613529
4460488.....237, 241, 245, 249	4460884 375, 415, 457, 463, 469	4711000.....55, 57, 89	484614129, 33
4460508.....271, 367, 381, 383, 437, 439, 469	4460887 437, 439, 469	4711400.....17, 19, 21, 29, 33, 37, 39, 97, 99, 101, 103, 105, 107, 109, 111, 113, 115, 117, 119, 127, 143, 145, 153, 155, 161, 163, 178, 182, 207, 211, 215, 221, 223, 273, 275, 349, 351, 353, 355, 357	484617891, 93
	4460888437, 439	4711500.....17, 19, 21, 29, 33, 65, 67, 121, 123, 125, 157, 197, 199	484618371, 73
	4460891 147, 371, 377, 415, 427, 469, 470, 473, 477	4711600.....13, 15, 17, 19, 21, 71, 73, 85, 89, 127, 157, 161, 163, 171, 173, 177, 182, 238, 242, 246, 250, 287, 289, 291, 293, 295, 349, 351, 353, 355, 357, 389, 391, 393, 395, 397	4846188165
	4460894 401, 437, 439, 463, 467, 470	4711800. 37, 39, 217, 225	4846210171, 173
	4460897 145, 149, 151, 369, 415, 423, 427, 435	4712000.....281, 283, 285, 287, 289, 291, 293, 295	4846258182
	4460899 453, 457, 459, 463, 467	4713000.....25, 27, 33	4846278178, 182
	4460905 415, 425, 437, 439, 464, 469, 475		484629227
	4460910451		484629427
	4460911453		484629565
	4460918401		484629665
	4460928401		484635033
	4460930 367, 415, 425		4846370277
	4460931469		486021261
	4460932 375, 415, 461		489150091, 93
	4460933 401, 421, 437, 439, 469		
	4460941453		
	4460942271, 469		

SECTION 11 - SPECIAL OPTIONS

4891600	195	70001144	167	70004739	253	70005607	46
4891800	13, 15, 195	70001342	75	70004740	253	70005608	46
4892000	25, 27, 29, 33, 37, 39, 85	70001368	45	70004741	253	70005609	46
4892200	79	70001422	53	70004742	253	70005610	45
4892600	191, 193	70001440	75	70004743	253	70005611	45
4892600001	195	7000203	82	70004744	253	70005612	46
4920385	161, 163	70002083	167	70004745	253	70005613	45
4922390	153, 429	7000216	45	70004746	253	70005614	45
4922647	155, 431	70002216	301	70004747	253	70005629	201, 203
4922937	389, 393	70002219	311	70004748	253	70005649	41
4922938	389, 393	70002220	303	70004749	253	70005685	51
4922939	391, 395, 397	70002223	303	70004750	253	70005686	51
4922940	391, 395, 397	70002244	167	70004751	253	70005687	51
5241200	17, 19, 21, 195	70002264	49	70004752	255	70005688	51
5251008	195	70002434	41	70004753	255	70005689	51
5251016	195	70002543	168	70004754	255	70005951	75
70000289	168	70002544	167	70004755	255	70005952	75, 76
70000290	167	7000255	82	70004756	255	70006364	305
70000291	167	7000256	82	70004757	255	70006365	305
70000292	167	7000257	82	70004758	255	70006366	305
70000293	167	7000258	82	70004759	255	70006367	305
70000294	167	7000263	82	70004760	255	70006368	305
70000295	167	7000281	82	70004761	255	70006709	313
70000296	167	70002842	299	70004762	255	70006710	313
70000297	167	70002902	259	70004763	255	70006711	313
70000298	167	70002903	259	70004764	255	70006712	313
70000299	167	70002904	259	70004765	255	70006747	49
70000300	167	70002905	259	70004766	255	70006752	49
70000301	167	70002947	53, 75, 76, 508	70004767	255	70006753	49
70000302	167	70002983	45	70004768	255	70006756	49
70000303	167	70002996	45	70004769	255	70006757	49
70000304	167	70002997	46	70004770	255	70006759	49
70000305	167	70003000	45	70004771	255	70006762	49
70000306	167	70003019	75, 76, 201, 203	70004772	255	70006763	49
70000307	167	70003021	76	70004773	255	70007242	307
70000308	167	70003027	201, 203	70004774	256	70007243	307
70000309	167	70003525	75, 76	70004775	256	70007244	307
70000310	167	70003526	75, 76	70004809	51	70007245	307
70000311	167	70003557	167	70004811	51	70007246	307
70000312	167	70003618	167	70004820	51	70007247	307
70000313	167	70003619	167	70005374	75	70007284	75
70000314	167	70003819	301	70005385	51	70007285	75, 508
70000315	167	70003820	311	70005387	51	70007286	75
70000316	167	70003833	303	70005388	51	70007287	75
70000317	167	70003834	303	70005389	51	70007288	76
70000318	167	70003835	303	70005390	51	70007290	201, 203
70000319	167	70003836	303	70005391	51	70007291	201, 203, 508
70000320	167	70003837	301	70005392	51	7001908	82
70000321	167	70003838	301	70005393	51	7001913	45, 82
70000322	167	70003839	301	70005394	51	7001922	45
70000323	167	70003840	301	70005395	51	7001926	82
70000324	167	70003841	301	70005396	51	70022564	307
70000325	168	70003842	301	70005397	51	70023859	75
70000326	97, 99, 168	70004052	75, 76, 201, 203	70005400	51	70023860	201, 203
70000327	168	70004127	311	70005401	51	70027750	307
70000328	97, 99, 168	70004132	311	70005402	51	7002821	514
70000329	168	70004133	311	70005403	51	7002822	514
70000330	168	70004134	311	70005404	51	7002823	514
70000340	193	70004135	311	70005405	51	7002826	515
70000342	189, 191	70004265	167	70005406	51	7002828	514
70000382	168	70004388	23	70005407	51	7002840	514
70000435	75	70004394	168	70005408	51	7004035	83
70000967	167	70004461	75, 76	70005410	51	7004043	83
70001091	49	70004585	75	70005412	51	7004044	83
70001119	45	70004738	253	70005604	45	7004275	514
70001121	167			70005605	45	7004276	515
				70005606	46	7007633	82

SECTION 11 - SPECIAL OPTIONS

7007637.....	82	7017164.....	189, 191	7020297.....	95	7024441.....	91, 93
7007640.....	45	7017165.....	193	7020298.....	95	7024446.....	91, 93
7007642.....	46	7017167.....	193	7020299.....	95	7024700.....	82
7010474.....	45	7017168.....	193	7021375.....	53, 75	7024701.....	82
7010795.....	83	7017169.....	193	7021619.....	75	7024724.....	45
7011112.....	301	7017170.....	191	7021653.....	23	7024726.....	45
7011323.....	191, 193	7017172.....	189, 191, 193	7022521.....	75	7024730.....	45
7012540.....	53	7017178.....	193	7022586.....	49	7024733.....	45
7012545.....	95	7017192.....	189, 191, 193	7022587.....	49	7024734.....	45
7012548.....	95	7017195.....	189, 191, 193	7022588.....	49	7024735.....	45
7012549.....	95	7017277.....	309	7022589.....	49	7024736.....	45
7012773.....	53, 75	7017278.....	309	7022591.....	49	7024738.....	45
7012955.....	23	7017279.....	309	7023200.....	95	7024739.....	45
7012967.....	23	7017280.....	309	7023224.....	91, 93, 508	7024740.....	45
7012969.....	53	7017281.....	309	7023268.....	91, 93	7024741.....	45
7016649.....	97, 99	7017282.....	309	7023269.....	91, 93, 508	7024742.....	45
7016654.....	514	7017283.....	309	7023270.....	91, 93	7024744.....	46
7017020.....	45	7017406.....	301	7023272.....	95	7024844.....	303
7017022.....	46	7018900.....	75	7023306.....	91, 93	7024991.....	75
7017023.....	82	7018904.....	75	7023347.....	91, 93	7026068.....	303
7017027.....	45	7018942.....	53, 76	7023870.....	49	7026084.....	301
7017069.....	82	7018943.....	75	7023871.....	49	7026088.....	303
7017071.....	82	7018945.....	75, 76	7023872.....	49	7026090.....	303
7017072.....	45, 82	7018991.....	75, 508	7023976.....	23	7026091.....	303
7017073.....	82	7020035.....	43	7024022.....	75	7026092.....	303
7017074.....	82	7020036.....	41, 43	7024023.....	75	7026121.....	91, 93
7017075.....	82	7020037.....	41, 43	7024024.....	75	7026616.....	313
7017076.....	82	7020038.....	41, 43	7024056.....	91, 93	7027859.....	157
7017077.....	82	7020039.....	41, 43	7024124.....	45	8220045.....	464
7017078.....	82	7020040.....	41, 43	7024127.....	45	8220068.....	475
7017079.....	82	7020041.....	41, 43	7024129.....	45	8229234.....	464, 508
7017080.....	82	7020054.....	41, 43	7024134.....	46	8229235.....	463, 464, 508
7017082.....	82	7020055.....	41, 43	7024135.....	82	8229236.....	463, 508
7017083.....	82	7020137.....	41, 43	7024136.....	82, 83	8229237.....	463, 508
7017084.....	82	7020140.....	43	7024199.....	82	8229242.....	401, 437, 439,
7017085.....	82	7020175.....	129, 131, 133,	7024378.....	83		470, 508
7017086.....	82		135, 237, 241, 245, 249	7024379.....	83	8229261.....	464, 508
7017087.....	82	7020176.....	129, 131, 133,	7024380.....	83	8580420.....	63
7017088.....	82, 83		135, 237, 241, 245, 249	7024381.....	83	8770189.....	326, 330, 334,
7017093.....	45	7020251.....	43	7024382.....	83		338
7017095.....	45	7020257.....	97, 99	7024383.....	83	88261024.....	197, 199
7017142.....	189	7020291.....	95	7024384.....	83	88521214.....	287, 289, 291,
7017158.....	191	7020292.....	95	7024385.....	83		293, 295
7017159.....	189, 191	7020293.....	95	7024386.....	83	88662037.....	330, 338
7017160.....	191, 193	7020294.....	95	7024387.....	83	91203039.....	195
7017162.....	189, 191	7020295.....	95	7024388.....	83		
7017163.....	189, 191	7020296.....	95	7024389.....	83		



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