



Illustrated Parts Manual

***Model*
2632R**

P/N
3121751

Septemebr 30, 2020 - Rev C

ANSI

CE



AS/NZS

JLG

An Oshkosh Corporation Company

REVISION LOG

NOTES:

NOTE: Country of Assembly - The R Scissor Lifts are assembled by JLG Industries in the following countries: USA or China or Europe. Refer to the Serial Number Tag to identify the country of assembly.
R Scissors assembled in USA will have a serial number prefix of 02 (i.e. 02XXXXXXXX),
R Scissors manufactured in China will have a serial number prefix of B2 (i.e. B2XXXXXXXX),
and R Scissors manufactured in Europe will have a serial number prefix of 12 (i.e. 12XXXXXXXX) or E2 (i.e. E2XXXXXXXX)

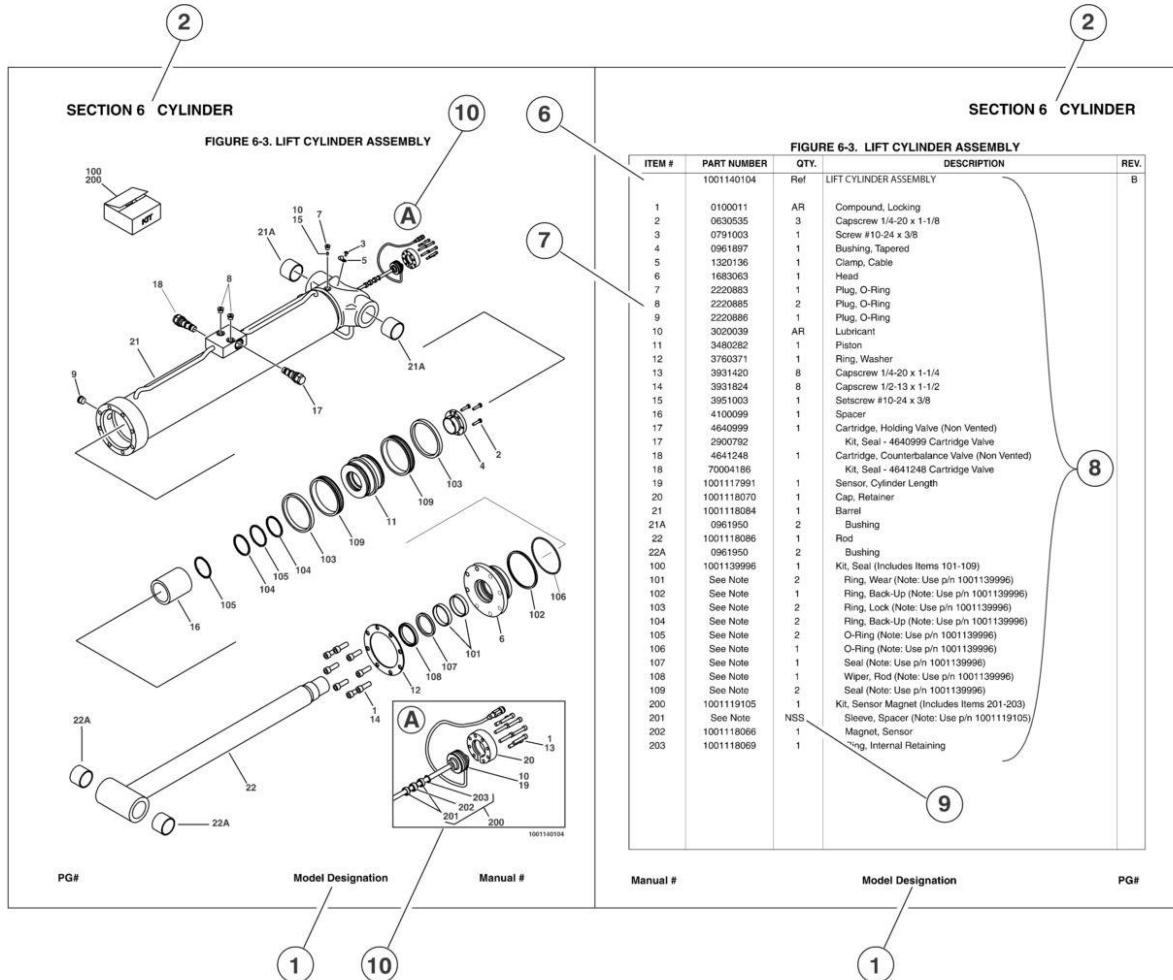
REVISION LOG:

March 1, 2019 - A - Original Issue of Manual (1001370000 Rev G & 1001238502 Rev A & 1001246082 Rev A) (Revision 2)

February 7, 2020 - B - (1001370000 Rev G & 1001238502 Rev B & 1001246082 Rev B)

September 30, 2020 - C - (1001370000 Rev G & 1001238502 Rev B & 1001246082 Rev B)

GENERAL INFORMATION



1) MACHINE IDENTIFICATION

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

2) PARTS MANUAL ORGANIZATION

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

3) TABLE OF CONTENTS

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

4) RECOMMENDED SPARE PARTS

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

5) PART NUMBER INDEX

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

GENERAL INFORMATION

6) NON-SERVICED PARTS

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

7) PARTS LIST ITEM NUMBERS

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

8) INDEDNTED PARTS DESCRIPTION

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

9) ABB REVIACTION AND SYMBOLS

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

LCD Liquid Crystal Display
LED Light Emitting Diodes
LH... Left Hand
LSS Load Sensing System
M(m)... Metric/Meter
MM (mm) Millimeter
mA.... Millamps
NLA..... No Longer Available
NPT National Pipe Threads
NSS Not Sold Separately
OD.... Outside Diameter
ORB.... O-Ring Boss
ORFS.... O-Ring Face Seal
OZ (oz). Ounces
PG ... Page
P/N.... Part Number
qt.... Quarts
QTY.... Quantity
REF Reference
REV Revision Level
RH... Right Hand
SAE..... Society of Automotive Engineers
SN.... Serial Number
SPEC(S).... Specifications
T/T.... Turntable
UGM Universal Ground Module
V.... Volts
W.... Watts
#.... Number

10) ILLUSTRATION REFERENCE LETTERS

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

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

TABLE OF CONTENTS

SECTION 1 - FRAME	9
FIGURE 1-1. STEER INSTALLATION	10
FIGURE 1-2. DRIVE/BRAKE INSTALLATION	12
FIGURE 1-3. DRIVE MOTOR ASSEMBLY	14
FIGURE 1-4. TIRE/WHEEL INSTALLATION	16
FIGURE 1-5. POTHOLE PROTECTION SYSTEM INSTALLATION	18
FIGURE 1-6. TILT SENSOR INSTALLATION	20
FIGURE 1-7. BATTERY CHARGER INSTALLATION - DELTA-Q (LOCALLY SUPPLIED PLUG)	22
FIGURE 1-8. BATTERY CHARGER INSTALLATION - DELTA-Q (110V PLUG)	24
FIGURE 1-9. BATTERY CHARGER INSTALLATION - DELTA-Q (AUSTRALIAN PLUG)	26
FIGURE 1-10. BATTERY CHARGER INSTALLATION - DELTA-Q (KOREAN PLUG)	28
FIGURE 1-11. BATTERY CHARGER INSTALLATION - EAGLE PERFORMANCE (110V PLUG)	30
FIGURE 1-12. BATTERY CHARGER INSTALLATION - GREEN POWER (LOCALLY SUPPLIED PLUG)	32
FIGURE 1-13. BATTERY CHARGER INSTALLATION - GREEN POWER (CHINA PLUG)	34
FIGURE 1-14. STROBE LIGHT INSTALLATION - SINGLE (AMBER) (WITHOUT GUARD)	36
FIGURE 1-15. STROBE LIGHT INSTALLATION - DUAL (AMBER) (WITHOUT GUARD)	38
FIGURE 1-16. STROBE LIGHT INSTALLATION - SINGLE (AMBER) (WITH GUARD)	40
FIGURE 1-17. STROBE LIGHT INSTALLATION - DUAL (AMBER) (WITH GUARD)	42
FIGURE 1-18. ALARM INSTALLATION (AMBIENT/WHITE NOISE)	44
FIGURE 1-19. LADDER INSTALLATION	46
FIGURE 1-20. FRAME COVERS INSTALLATION	48
 SECTION 2 - GROUND CONTROLS	 51
FIGURE 2-1. HYDRAULIC COMPONENTS INSTALLATION	52
FIGURE 2-2. MAIN VALVE ASSEMBLY	54
FIGURE 2-3. ELECTRICAL COMPONENTS INSTALLATION (CHINA BUILT MACHINES)	56
FIGURE 2-4. ELECTRICAL COMPONENTS INSTALLATION - #1 (USA & EUROPEAN BUILT MACHINES)	58
FIGURE 2-5. ELECTRICAL COMPONENTS INSTALLATION - #2 (USA & EUROPEAN BUILT MACHINES)	60
FIGURE 2-6. MDI INSTALLATION	62
FIGURE 2-7. BATTERIES INSTALLATION - STANDARD 6V-255AH	64
FIGURE 2-8. BATTERIES INSTALLATION - STANDARD 6V-220AH	66
FIGURE 2-9. BATTERIES INSTALLATION - AGM 6V-220AH	68
FIGURE 2-10. BATTERIES INSTALLATION - AGM EVCG 6V-220AH	70
FIGURE 2-11. BATTERIES INSTALLATION - 6V-220AH (TROJAN)	72
FIGURE 2-12. INVERTER INSTALLATION (OPTIONAL)	74
FIGURE 2-13. DOORS INSTALLATION	76
 SECTION 3 - SCISSORS ARMS	 79
FIGURE 3-1. SCISSORS ARMS INSTALLATION	80
FIGURE 3-2. ARM GUARDS INSTALLATION	84
 SECTION 4 - PLATFORM	 87
FIGURE 4-1. PLATFORM INSTALLATION	88
FIGURE 4-2. PLATFORM EXTENSION INSTALLATION	90
FIGURE 4-3. RAILS INSTALLATION (SIDE BY SIDE)	92
FIGURE 4-4. RAILS INSTALLATION (TUBE IN TUBE)	94
FIGURE 4-5. EXTENSION HANDLES INSTALLATION (OPTIONAL)	96
FIGURE 4-6. GATE LATCH INSTALLATION - OPTIONAL	98
FIGURE 4-7. PLATFORM CONSOLE INSTALLATION	100
FIGURE 4-8. DRIVE/STEER CONTROLLER ASSEMBLY	102
FIGURE 4-9. PIPE RACKS INSTALLATION (SIDE BY SIDE RAILS) (OPTIONAL)	104
FIGURE 4-10. OVERHEAD PROTECTION INSTALLATION (KOREAN SPECS)	106
 SECTION 5 - CYLINDER	 109
FIGURE 5-1. LIFT CYLINDER ASSEMBLY	110
FIGURE 5-2. STEER CYLINDER ASSEMBLY	112
 SECTION 6 - HYDRAULIC	 115
FIGURE 6-1. HYDRAULIC COMPONENTS INSTALLATION	116

TABLE OF CONTENTS

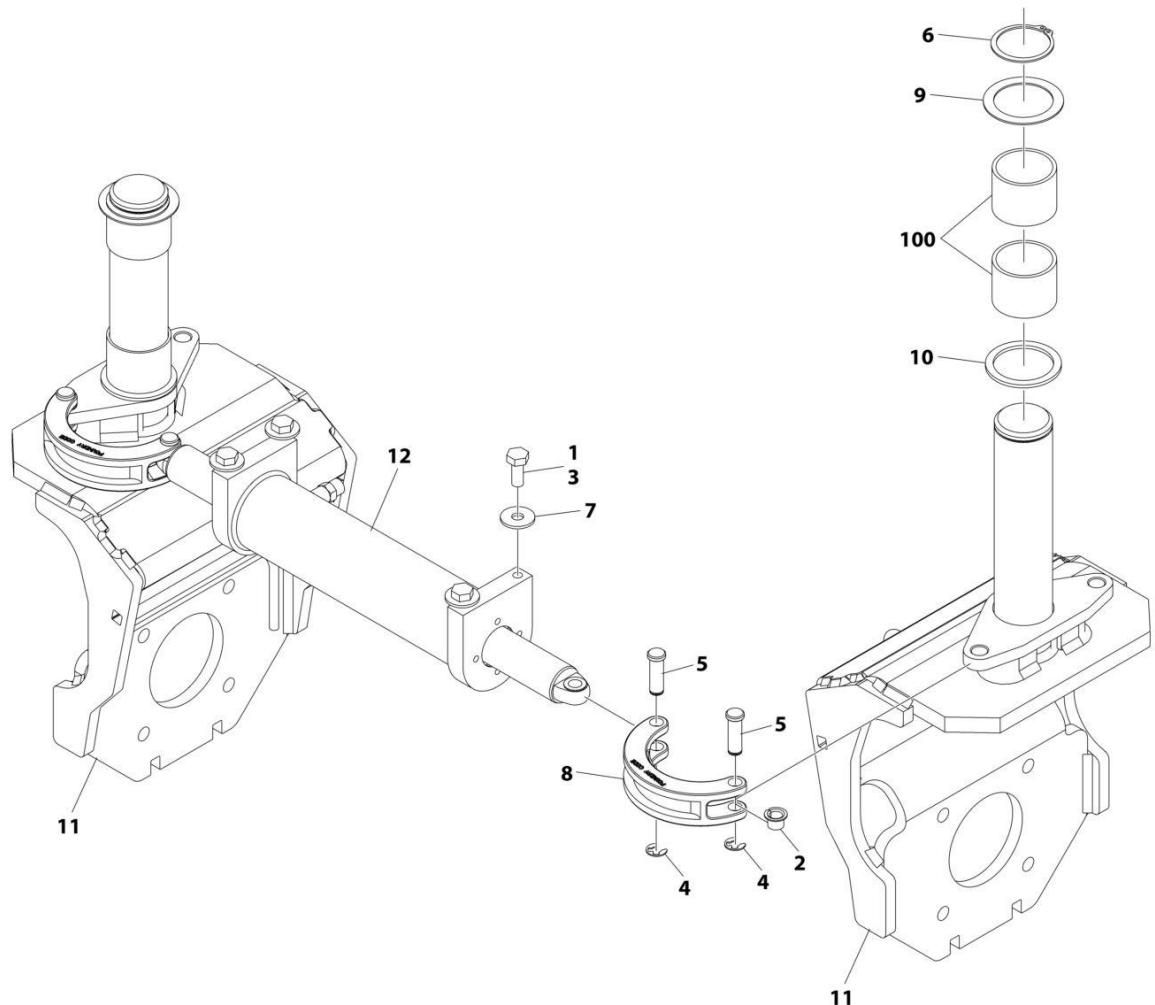
SECTION 7 - ELECTRICAL	119
FIGURE 7-1. AC BOX AT PLATFORM INSTALLATION - 110V GFI (ALL SPECS EXCEPT AUSTRALIAN & CE SPECS)	120
FIGURE 7-2. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE SPECS)	122
FIGURE 7-3. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE SPECS)	124
FIGURE 7-4. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND (CE SPECS)	126
FIGURE 7-5. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND (CE SPECS)	128
FIGURE 7-6. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 (CE SPECS)	130
FIGURE 7-7. AC BOX AT PLATFORM INSTALLATION - 220V CHINA PLUG (CHINA SPECS)	132
FIGURE 7-8. AC BOX AT PLATFORM INSTALLATION - 220V LOCALLY SUPPLIED	134
FIGURE 7-9. AC BOX AT PLATFORM INSTALLATION - 220V (AUSTRALIAN SPECS)	136
FIGURE 7-10. BREAKER BOX KIT WITH 1 DOUBLE BREAKER	138
FIGURE 7-11. BREAKER BOX KIT WITH 3 BREAKERS	140
FIGURE 7-12. CHASSIS HARNESS	142
FIGURE 7-13. GROUND TO PLATFORM CABLE INSTALLATION - WITHOUT PLATFORM COIL CABLE (CHINA BUILT MACHINES)	146
FIGURE 7-14. GROUND TO PLATFORM CABLE INSTALLATION - WITHOUT PLATFORM COIL CABLE & WITH FOOTSWITCH (CHINA BUILT MACHINES)	148
FIGURE 7-15. GROUND TO PLATFORM CABLE INSTALLATION - WITH PLATFORM COIL CABLE (CHINA BUILT MACHINES)	150
FIGURE 7-16. GROUND TO PLATFORM CABLE INSTALLATION - WITH PLATFORM COIL CABLE & FOOTSWITCH (CHINA BUILT MACHINES)	152
FIGURE 7-17. GROUND TO PLATFORM CABLE INSTALLATION - PLATFORM STRAIGHT CABLE ONLY (USA AND EUROPE BUILT MACHINES)	154
FIGURE 7-18. GROUND TO PLATFORM CABLE INSTALLATION - PLATFORM COIL CABLE ONLY (USA AND EUROPE BUILT MACHINES)	156
FIGURE 7-19. GROUND TO PLATFORM CABLE INSTALLATION - SCISSORS ARMS CABLE ONLY (USA AND EUROPE BUILT MACHINES)	158
FIGURE 7-20. LIFT DOWN HARNESS	160
FIGURE 7-21. PLATFORM CONTROL BOX HARNESS	162
FIGURE 7-22. RECEPTACLE BOX KIT - 110V GFI	164
FIGURE 7-23. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE SPEC)	166
FIGURE 7-24. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND (CE SPEC)	168
FIGURE 7-25. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND (CE SPEC)	170
FIGURE 7-26. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE SPEC)	172
FIGURE 7-27. BREAKER BOX KIT (AUSTRALIAN SPEC)	174
FIGURE 7-28. EARTH / GROUND LINK HARNESS	176
SECTION 8 - DECALS	179
FIGURE 8-1. DECAL INSTALLATION (ANSI SPECS)	180
FIGURE 8-2. DECAL INSTALLATION (AUSTRALIAN SPECS)	182
FIGURE 8-3. DECAL INSTALLATION (BRAZIL SPECS)	184
FIGURE 8-4. DECAL INSTALLATION (CE SPECS)	186
FIGURE 8-5. DECAL INSTALLATION (CHINA SPECS)	188
FIGURE 8-6. DECAL INSTALLATION (CSA SPECS)	190
FIGURE 8-7. DECAL INSTALLATION (KOREAN SPECS)	192
FIGURE 8-8. DECAL INSTALLATION (LATIN AMERICAN SPECS)	194
FIGURE 8-9. DECAL INSTALLATIONS - OPTIONS	196
SECTION 9 - RECOMMENDED SERVICE PARTS STOCK	199
FIGURE 9-1. RECOMMENDED SERVICE PARTS STOCK	200
SECTION 10 - SPECIAL OPTIONS	201
FIGURE 10-1. SPECIAL OPTIONS	202
PART NUMBER INDEX	203

SECTION 1 - FRAME

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FIGURE 1-1. STEER INSTALLATION



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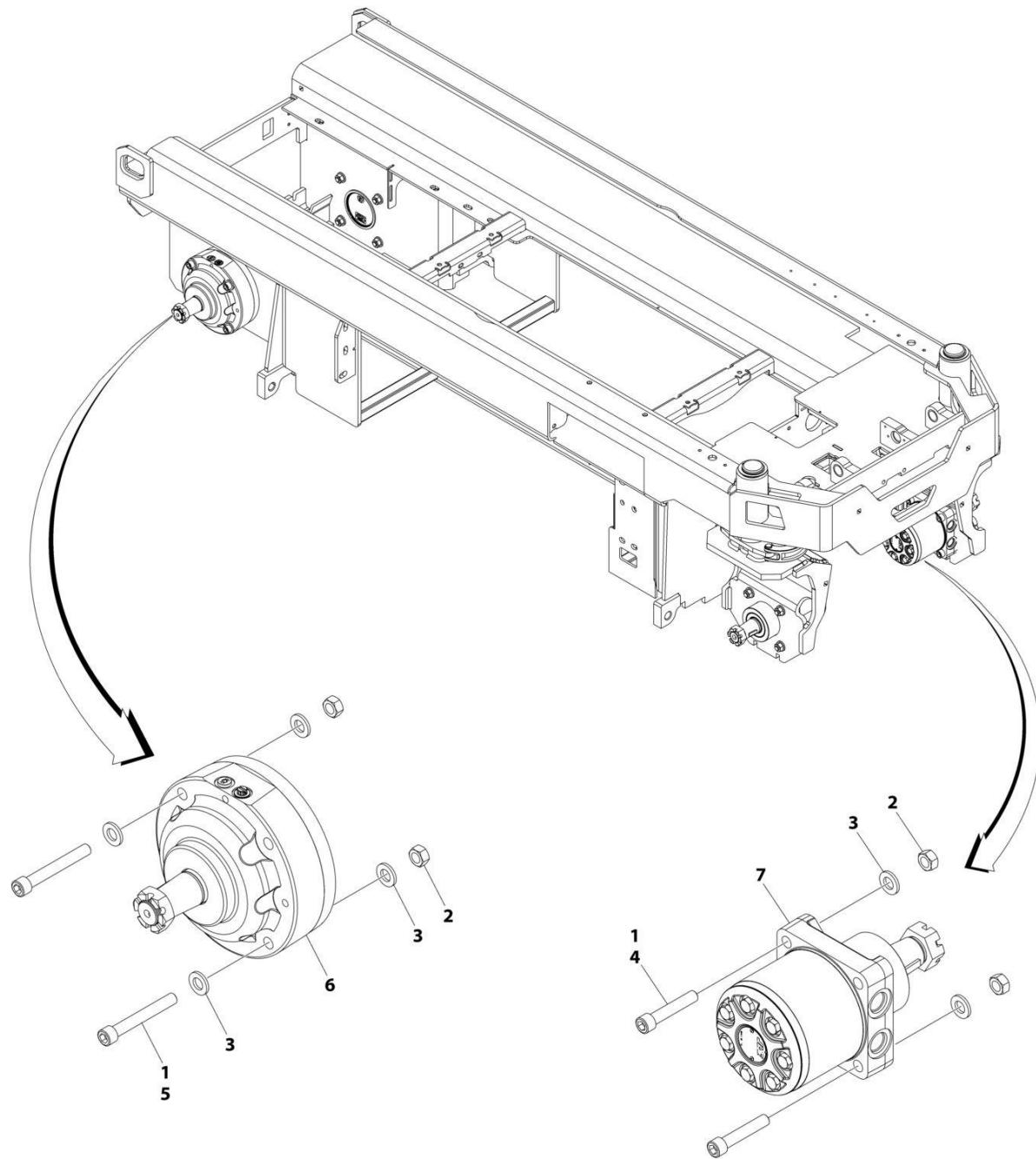
SECTION 1 - FRAME

FIGURE 1-1. STEER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237696	Ref	STEER INSTALLATION	
1	0100011	AR	Compound, Locking	A
2	0440259	2	Bearing	
3	0761012	4	Bolt M10 x 25	
4	1380153	4	Clip	
5	3423037	4	Pin	
6	3760217	2	Ring, Retaining	
7	4812000	4	Washer M10	
8	4846757	2	Lug, Steering	
9	1001197396	2	Washer	
10	1001205751	2	Washer	
11	1001234838	2	Spindle	
12	1001179447	1	Steer Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
100	1001153785	4	Bearing (Part of Frame)	

SECTION 1 - FRAME

FIGURE 1-2. DRIVE/BRAKE INSTALLATION



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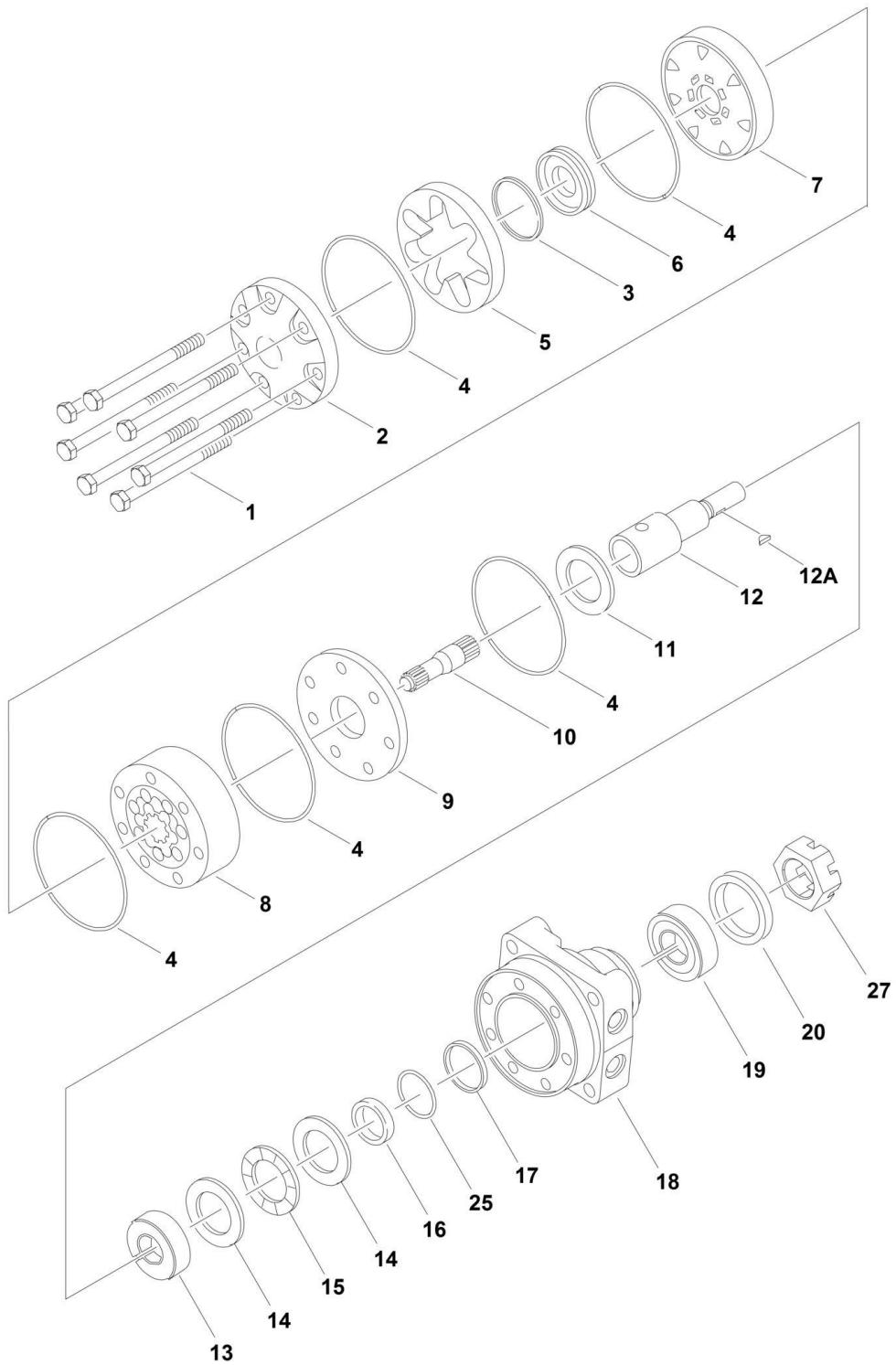
SECTION 1 - FRAME

FIGURE 1-2. DRIVE/BRAKE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001244284	Ref	DRIVE/BRAKE INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	3331211	16	Nut M12	
3	5241200	24	Washer M12	
4	5272117	8	Capscrew M12 x 65	
5	5272122	8	Capscrew M12 x 90	
6	1001202773	2	Drive Brake Assembly (Note: No Internal Service Parts Available.)	
6	70005918	1	Key, Shaft	
6	70005919	1	Nut 1-1/8	
7	1001213264	2	Drive Motor Assembly (See Separate Breakdown in this Section)	

SECTION 1 - FRAME

FIGURE 1-3. DRIVE MOTOR ASSEMBLY



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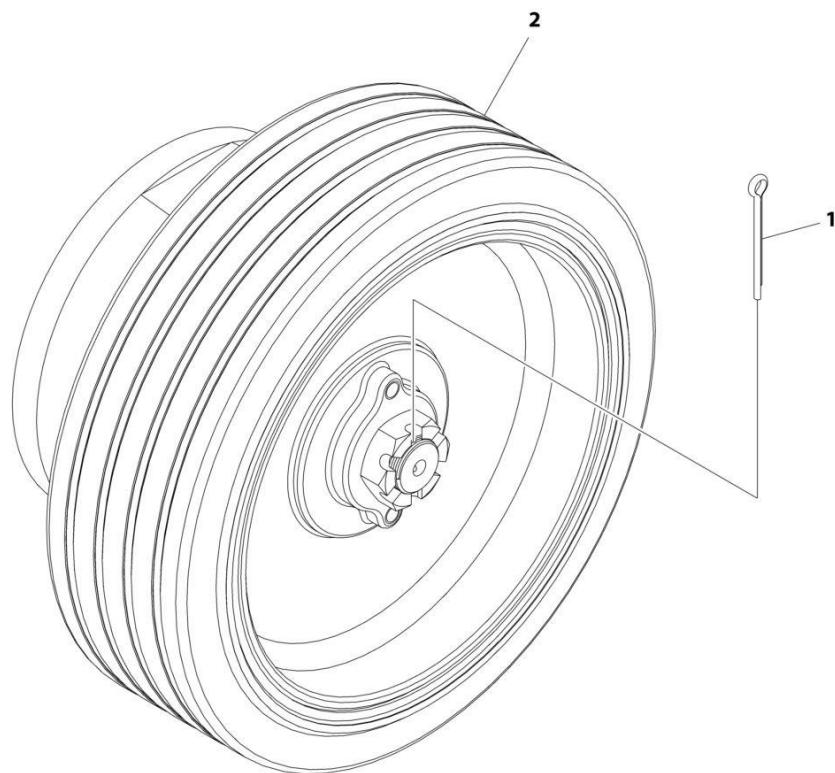
SECTION 1 - FRAME

FIGURE 1-3. DRIVE MOTOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213264	Ref	DRIVE MOTOR ASSEMBLY	
1	7023329	7	Bolt	
2	7023328	1	Cover	
3	7023318	1	Seal, Commutator	
4	7023310	5	Ring, Seal	
5	7023315	1	Commutator (Includes Item 6)	
6	See Note	NSS	Ring, Commutator (Use p/n 7023315)	
7	70005812	1	Manifold	
8	70006245	1	Rotor Set	
9	7023311	1	Plate, Wear	
10	70006244	1	Link, Drive	
11	7023308	1	Bearing, Thrust	
12	70005813	1	Shaft	
12A	7023324	1	Key, Shaft (Supplied with Shaft)	
12A	7026179	1	Key, Shaft (Supplied Individually)	
13	7026174	1	Bearing, Inner	
14	70006724	2	Thrustwasher	
15	7023407	1	Bearing, Thrust	
16	7006725	1	Seal	
17	7023321	1	Washer, Backup	
18	See Note	NSS	Housing (Note: Use p/n 1001213264)	
19	7023408	1	Bearing, Outer	
20	70007513	1	Seal, Dirt and Water	
25	7023322	1	Washer, Backup	
27	70005807	1	Nut	

SECTION 1 - FRAME

FIGURE 1-4. TIRE/WHEEL INSTALLATION



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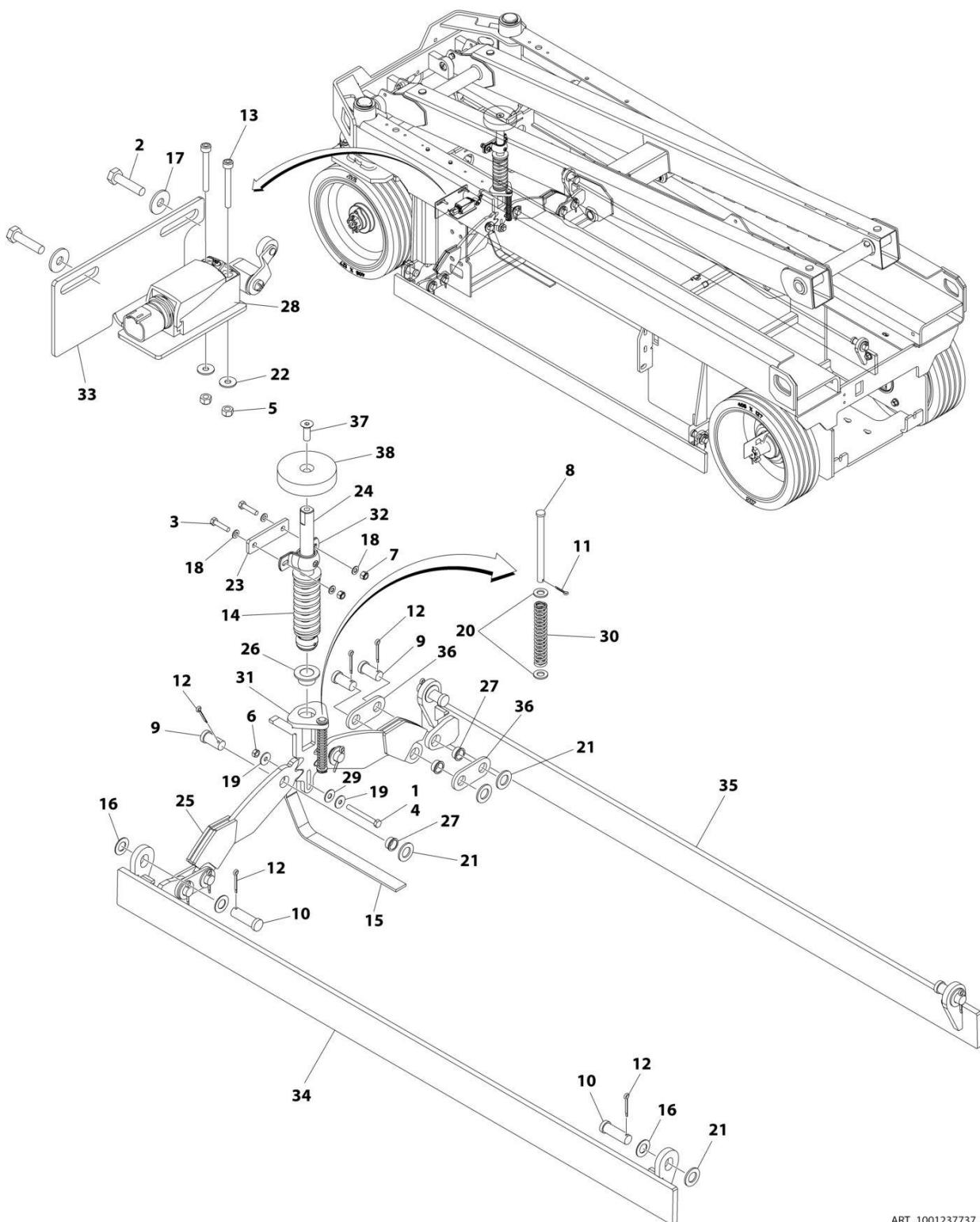
SECTION 1 - FRAME

FIGURE 1-4. TIRE/WHEEL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213928	Ref	TIRE AND WHEEL INSTALLATION	
1	3450508	4	Note: Must Replace Tire and Wheel Assemblies in pairs per axle.	A
2	1001212187	4	Pin, Cotter 5/32 x 2 Tire and Wheel	

SECTION 1 - FRAME

FIGURE 1-5. POTHOLE PROTECTION SYSTEM INSTALLATION



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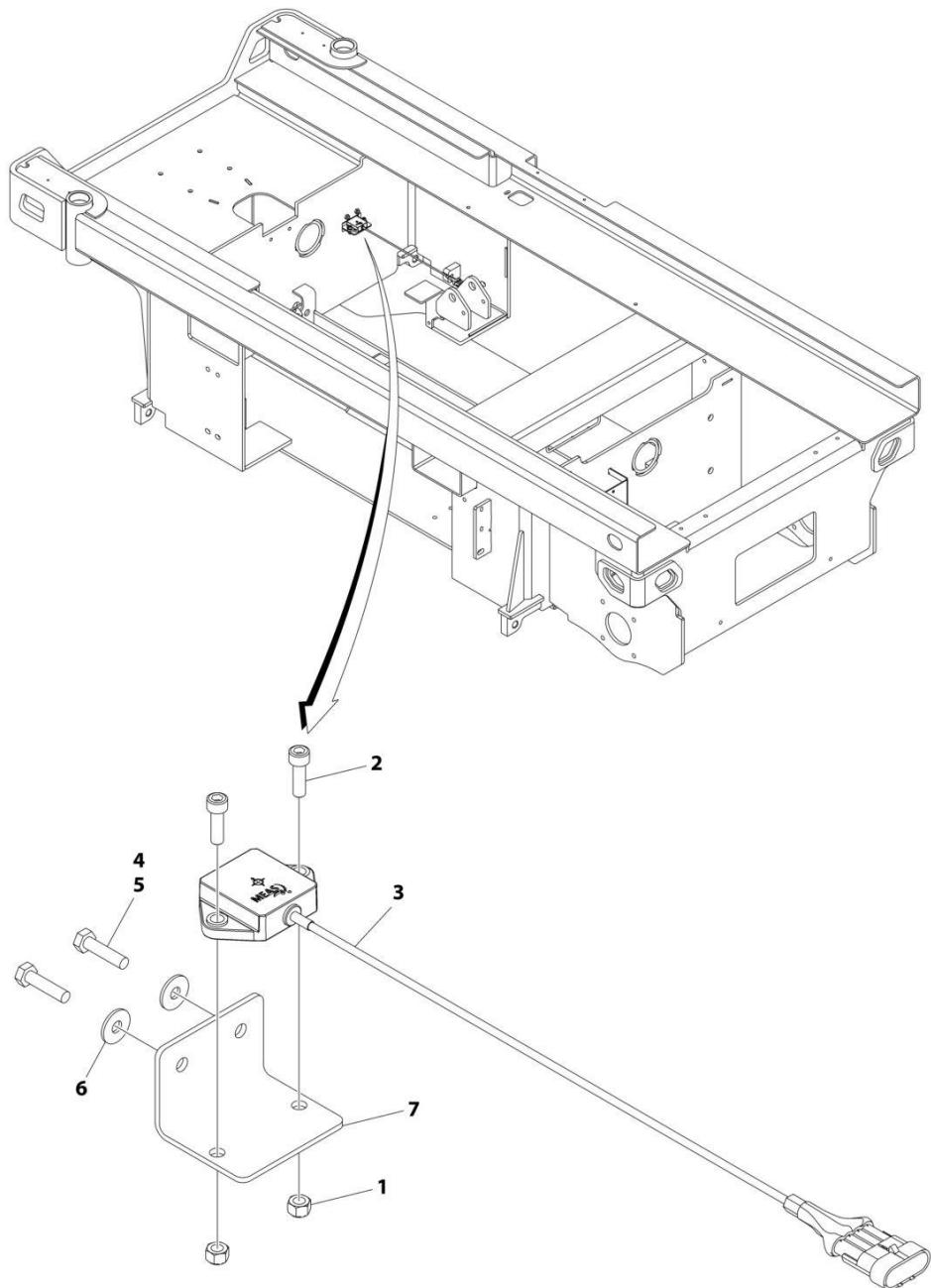
SECTION 1 - FRAME

FIGURE 1-5. POTHOLE PROTECTION SYSTEM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237737	Ref	POTHOLE PROTECTION SYSTEM INSTALLATION	
1	0100011	AR	Compound, Locking	
2	0700612	2	Bolt M6 x 25	
3	0700815	2	Bolt M8 x 35	
4	0700823	1	Bolt M8 x 75	
5	3290405	2	Nut M4	
6	3290801	1	Nut M8	
7	3290805	2	Nut M8	
8	3430636	1	Pin	
9	3431212	6	Pin	
10	3431218	4	Pin	
11	3450302	1	Pin, Cotter 7/8 x 1/2	
12	3450505	10	Pin, Cotter 5/32 x 1/2	
13	4031511	2	Capscrew M4 x 35	
14	4160202	1	Spring	
15	4240147	1	Strap, Anti-Static	
16	4740086	4	Washer	
17	4811702	2	Washer M6	
18	4811900	4	Washer M8	
19	4811902	2	Washer M8	
20	4812000	2	Washer M10	
21	4812500	10	Washer M20	
22	1001091102	2	Washer M4	
23	1001202987	1	Plate, Mounting	
24	1001202988	1	Actuator (Upper) (Prior to SN B200055199)	
24	1001214528	1	Actuator (Upper) (SN B200055199 to Present)	
25	1001243781	2	Plate, Pinion	
26	1001203869	1	Bearing	
27	1001203870	6	Bearing	
28	1001203871	1	Switch, Limit	
29	1001203872	1	Washer 3/8	
30	1001227855	1	Spring	
31	1001214526	1	Actuator (Lower)	
32	1001215953	1	Bearing	
33	1001218307	1	Plate, Sensor Mounting	
34	1001234797	1	Bar (LH)	
35	1001234798	1	Bar (RH)	
36	1001236849	4	Link	
37	1001110302	1	Bolt M12 x 35 (SN B200055199 to Present)	
38	1001214534	1	Pad, Actuator (SN B200055199 to Present)	

SECTION 1 - FRAME

FIGURE 1-6. TILT SENSOR INSTALLATION



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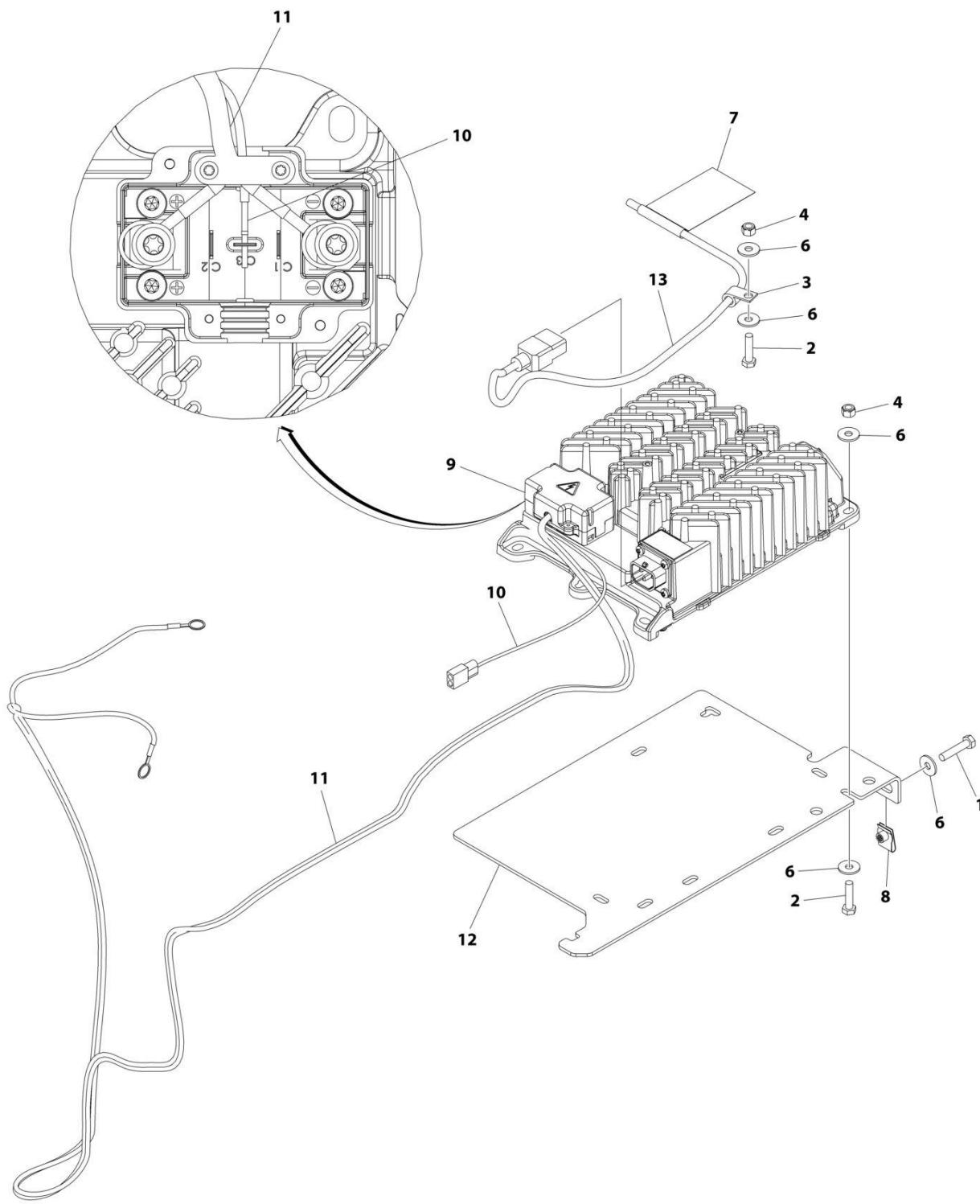
SECTION 1 - FRAME

FIGURE 1-6. TILT SENSOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001214217	Ref	TILT SENSOR INSTALLATION	C
2	3290601	2	Nut M6	
3	4031708	2	Capscrew M6 x 20	
4	1001186466	1	Sensor, Tilt	
5	0100011	AR	Compound, Locking	
6	0700612	2	Bolt M6 x 25	
7	4811702	2	Washer M6	
	1001217059	1	Plate, Mounting	

SECTION 1 - FRAME

FIGURE 1-7. BATTERY CHARGER INSTALLATION - DELTA-Q (LOCALLY SUPPLIED PLUG)



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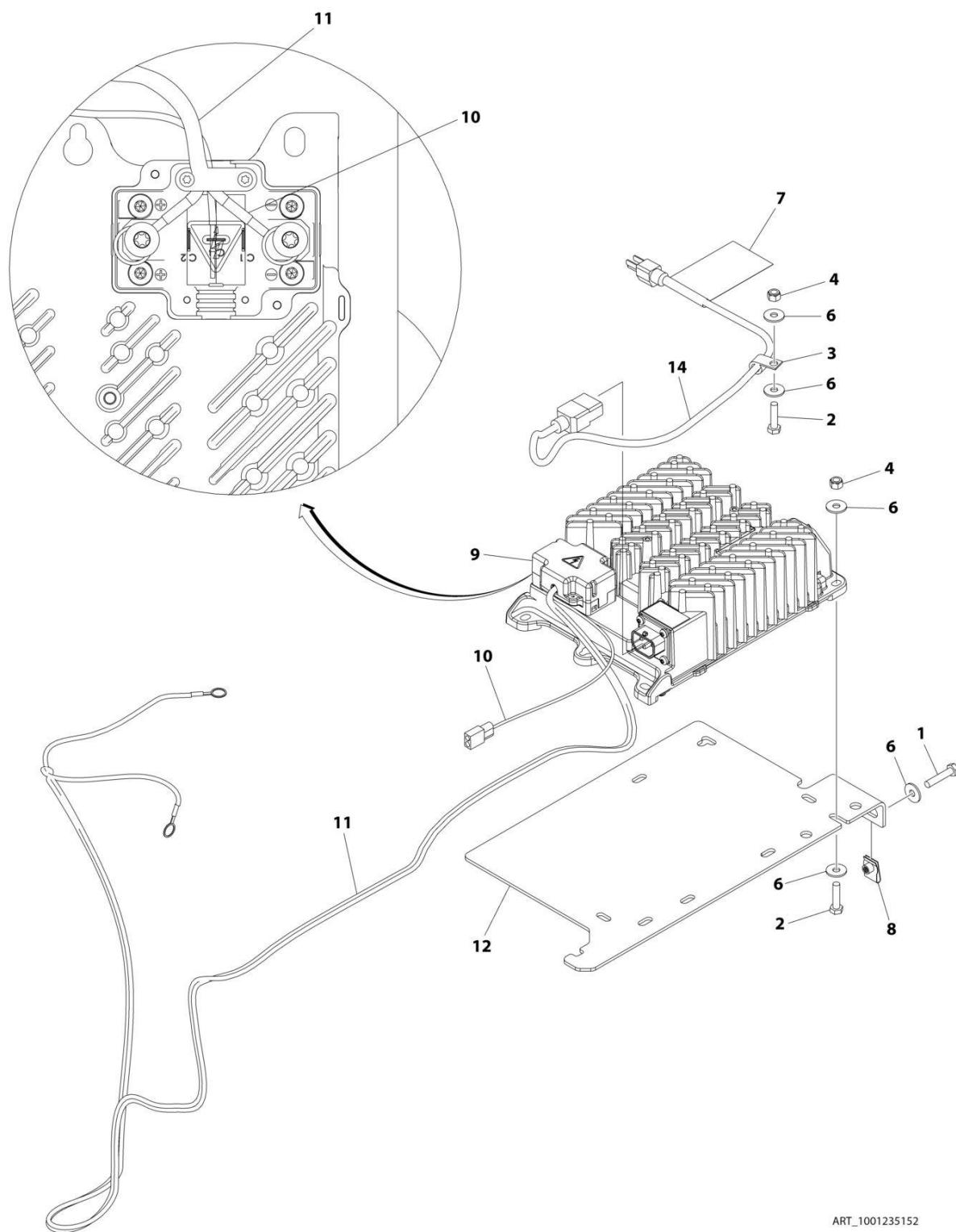
SECTION 1 - FRAME

FIGURE 1-7. BATTERY CHARGER INSTALLATION - DELTA-Q (LOCALLY SUPPLIED PLUG)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235153	Ref	BATTERY CHARGER INSTALLATION - DELTA-Q (LOCALLY SUPPLIED PLUG)	C
1	0700614	2	Bolt M6 x 30	
2	0760612	3	Bolt M6 x 25	
3	1321293	1	Clamp	
4	3290605	3	Nut M6	
5	4240017	AR	Tie-Strap (Not Shown)	
6	4811702	8	Washer M6	
7	1001102489	1	Decal - Charger	
8	1001130220	2	Nut, Tinnerman M6	
9	1001200561	1	Charger, Battery - Delta-Q	
10	1001207009	1	Charger Interlock Harness	
10	4460424	1	Receptacle, Female - 2 Position	
10	4460227	2	Pin, Male	
11	1001235105	1	Charger DC Connection Harness	
12	1001236139	1	Bracket	
13	1001207974	1	Cable, Charger AC Input	

SECTION 1 - FRAME

FIGURE 1-8. BATTERY CHARGER INSTALLATION - DELTA-Q (110V PLUG)



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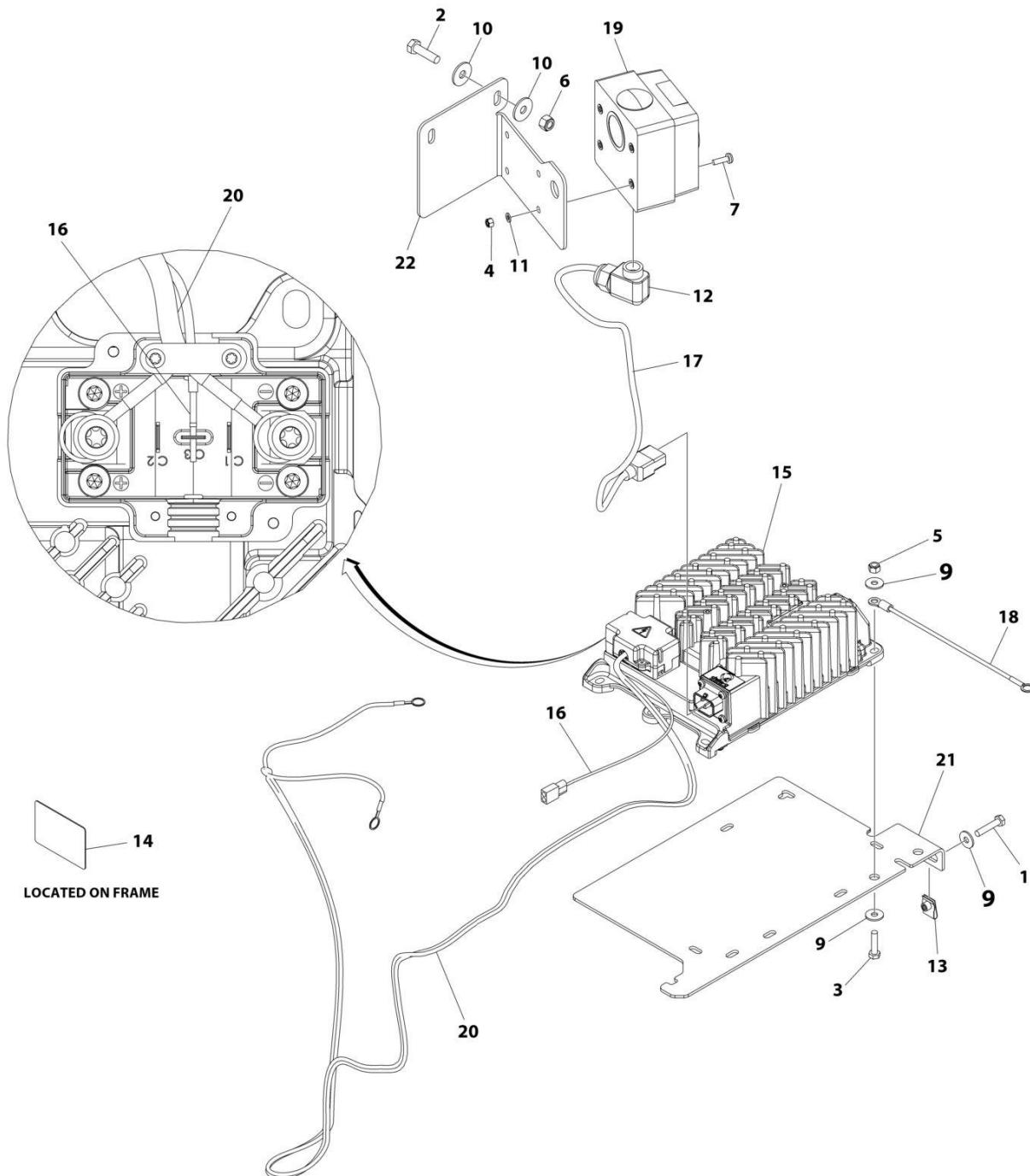
SECTION 1 - FRAME

FIGURE 1-8. BATTERY CHARGER INSTALLATION - DELTA-Q (110V PLUG)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235152	Ref	BATTERY CHARGER INSTALLATION - DELTA-Q (110V PLUG)	
1	0700614	2	Bolt M6 x 30	
2	0760612	3	Bolt M6 x 25	
3	1321293	1	Clamp	
4	3290605	3	Nut M6	
5	4240017	AR	Tie-Strap (Not Shown)	
6	4811702	8	Washer M6	
7	1001102489	1	Decal - Charger	
8	1001130220	2	Nut Tinnerman, M6	
9	1001200561	1	Charger, Battery - Delta-Q	
10	1001207009	1	Charger Interlock Harness	
10	4460424	1	Receptacle, Female - 2 Position	
10	4460227	2	Pin, Male	
11	1001235105	1	Charger DC Connection Harness	
12	1001236139	1	Bracket	
14	1001207970	1	Charger AC Input Cable	

SECTION 1 - FRAME

FIGURE 1-9. BATTERY CHARGER INSTALLATION - DELTA-Q (AUSTRALIAN PLUG)



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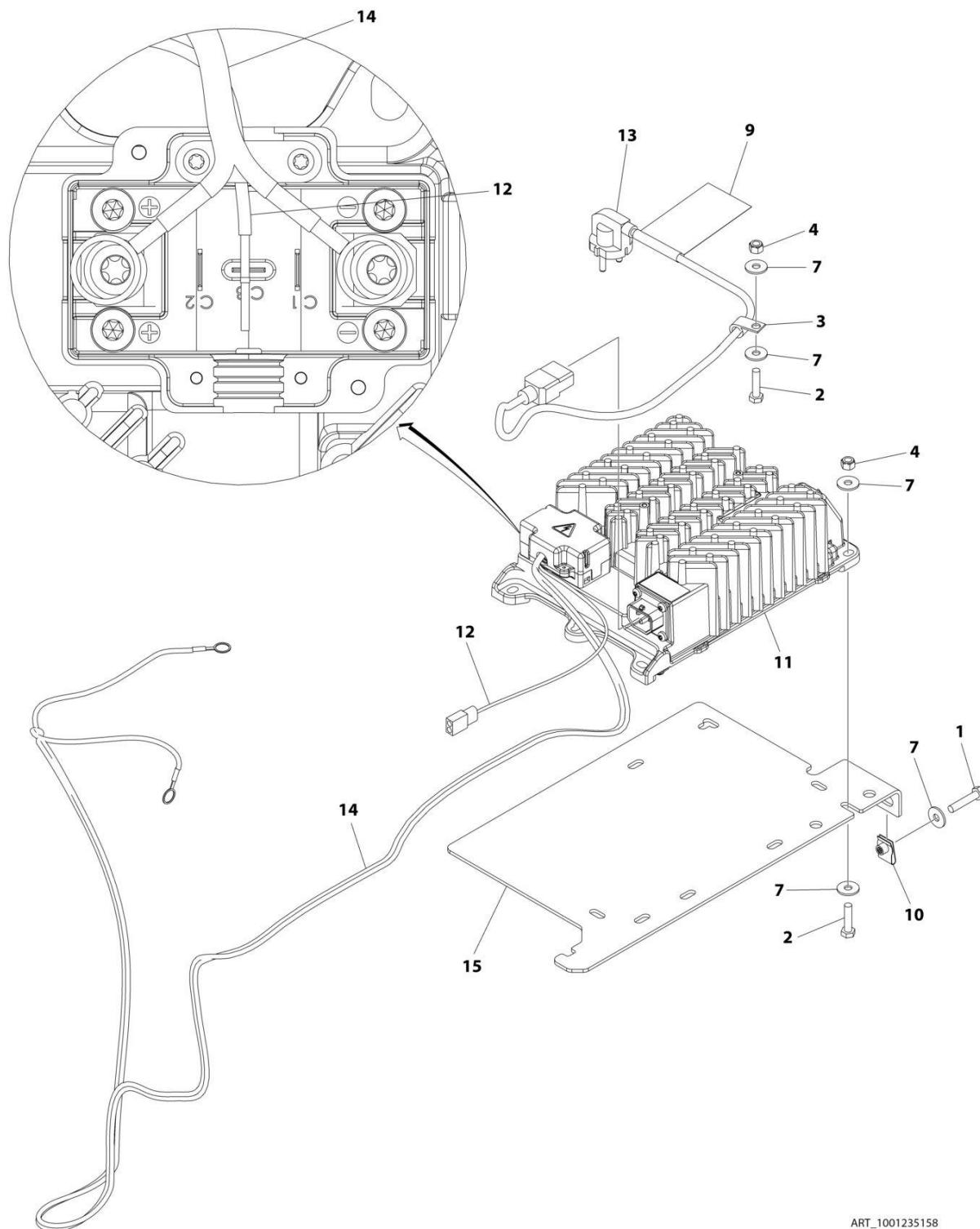
SECTION 1 - FRAME

FIGURE 1-9. BATTERY CHARGER INSTALLATION - DELTA-Q (AUSTRALIAN PLUG)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244607	Ref	BATTERY CHARGER INSTALLATION - DELTA-Q (AUSTRALIAN PLUG)	
1	0700614	2	Bolt M6 x 30	
2	0700814	2	Bolt M8 x 30	
3	0760612	3	Bolt M6 x 25	
4	3290505	4	Nut M5	
5	3290605	3	Nut M6	
6	3290805	2	Nut M8	
7	3900381	4	Screw M5 x 16	
8	4240017	AR	Tie-Strap (Not Shown)	
9	4811702	8	Washer M6	
10	4811902	4	Washer M8	
11	4831600	4	Washer M5	
12	1001103471	1	Connector Strain Relief 90	
13	1001130220	2	Nut Tinnerman M6	
14	1001134280	1	Decal - Charger	
15	1001200561	1	Charger, Battery - Delta-Q	
16	1001207009	1	Charger Interlock Harness	
16	4460424	1	Receptacle, Female - 2 Position	
16	4460227	2	Pin, Male	
17	1001207974	1	Cable, Charger AC Input	
18	1001227219	1	Ground Harness	
19	1001227267	1	Receptacle Australian - 230V	
20	1001235105	1	Charger DC Connection Harness	
21	1001236139	1	Bracket	
22	1001244644	1	Bracket	

SECTION 1 - FRAME

FIGURE 1-10. BATTERY CHARGER INSTALLATION - DELTA-Q (KOREAN PLUG)



ART_1001235158

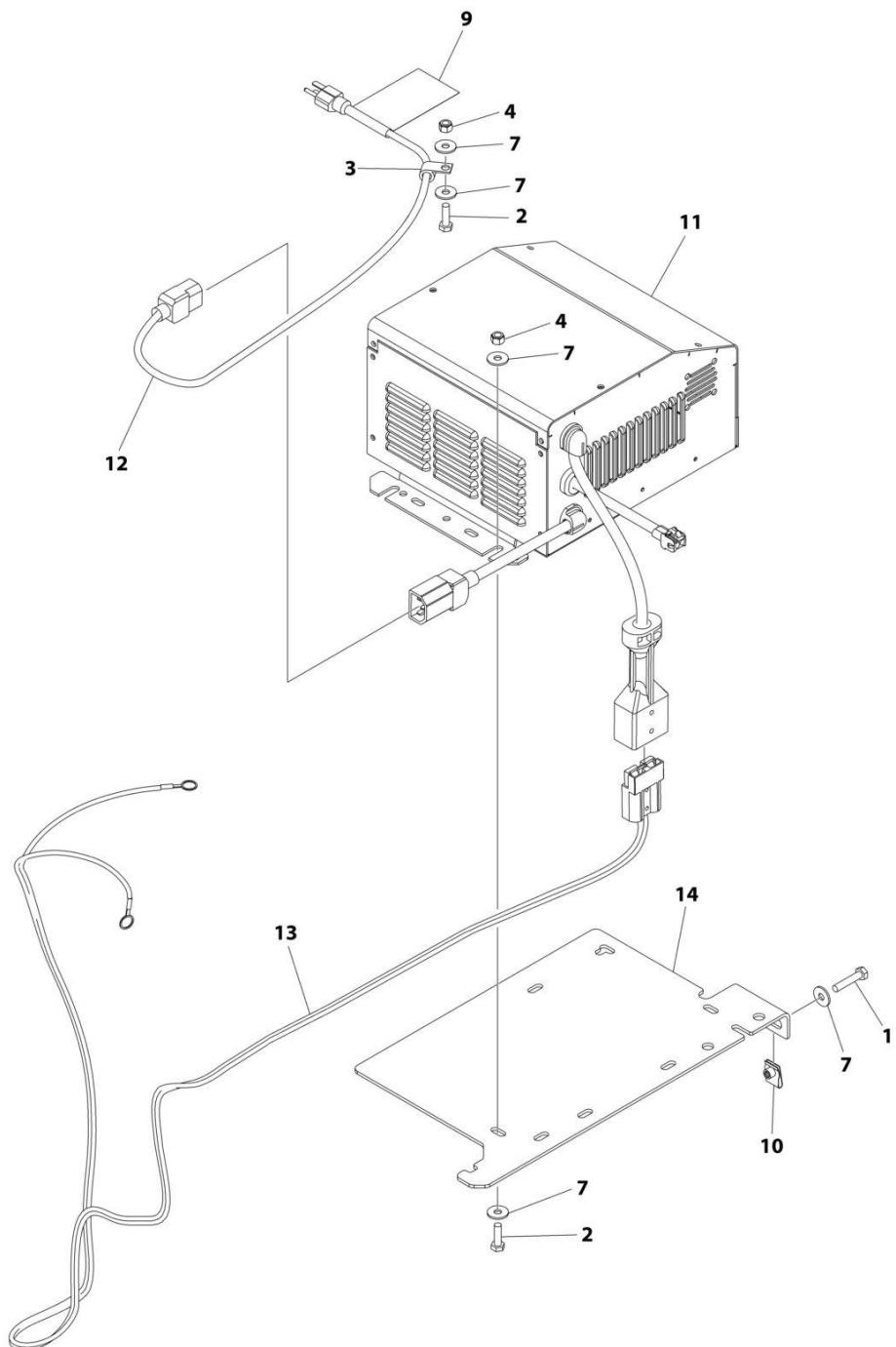
SECTION 1 - FRAME

FIGURE 1-10. BATTERY CHARGER INSTALLATION - DELTA-Q (KOREAN PLUG)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235158	Ref	BATTERY CHARGER INSTALLATION - DELTA-Q (KOREAN PLUG)	C
1	0700614	2	Bolt M6 x 30	
2	0760612	3	Bolt M6 x 25	
3	1321293	1	Clamp	
4	3290605	3	Nut M6	
6	4240017	AR	Tie-Strap (Not Shown)	
7	4811702	8	Washer M6	
9	1001102489	1	Decal - Charger	
10	1001130220	2	Nut, Tinnerman M6	
11	1001200561	1	Charger, Battery - Delta-Q	
12	1001207009	1	Charger Interlock Harness	
12	4460424	1	Receptacle, Female - 2 Position	
12	4460227	2	Pin, Male	
13	1001221949	1	Cable, Charger AC Input (With Korean Plug)	
14	1001235105	1	Charger DC Connection Harness	
15	1001236139	1	Bracket	

SECTION 1 - FRAME

FIGURE 1-11. BATTERY CHARGER INSTALLATION - EAGLE PERFORMANCE (110V PLUG)



ART_1001235157

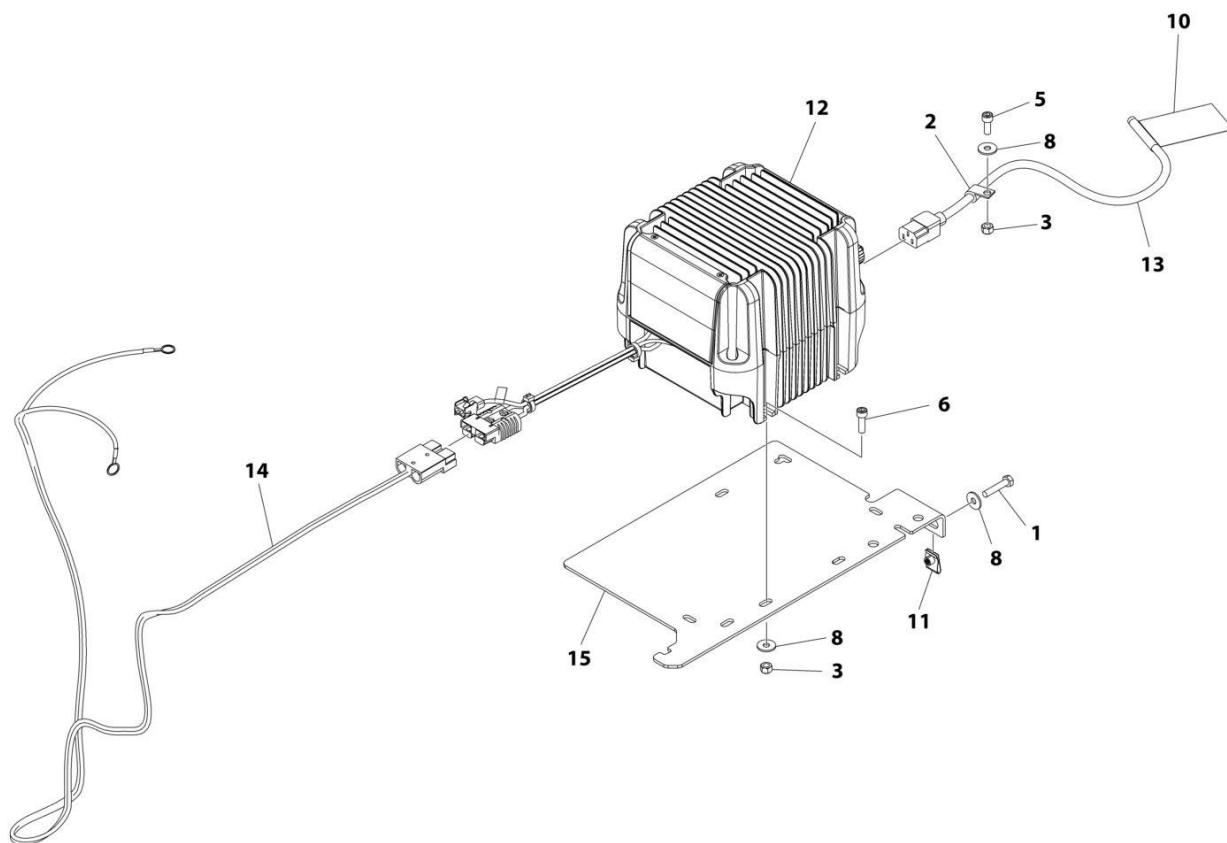
SECTION 1 - FRAME

FIGURE 1-11. BATTERY CHARGER INSTALLATION - EAGLE PERFORMANCE (110V PLUG)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235157	Ref	BATTERY CHARGER INSTALLATION - EAGLE PERFORMANCE (110V PLUG)	
1	0700614	2	Bolt M6 x 30	
2	0760610	3	Bolt M6 x 20	
3	1321293	1	Clamp	
4	3290605	3	Nut M6	
6	4240017	AR	Tie-Strap (Not Shown)	
7	4811702	8	Washer M6	
9	1001102489	1	Decal - Charger	
10	1001130220	2	Nut, Tinnerman M6	
11	1001206995	1	Charger, Battery - Eagle Performance	
12	1001207970	1	Cable, Charger AC Input	
13	1001235946	1	Charger DC Connection Harness	
14	1001236139	1	Bracket	

SECTION 1 - FRAME

FIGURE 1-12. BATTERY CHARGER INSTALLATION - GREEN POWER (LOCALLY SUPPLIED PLUG)



ART_1001235156

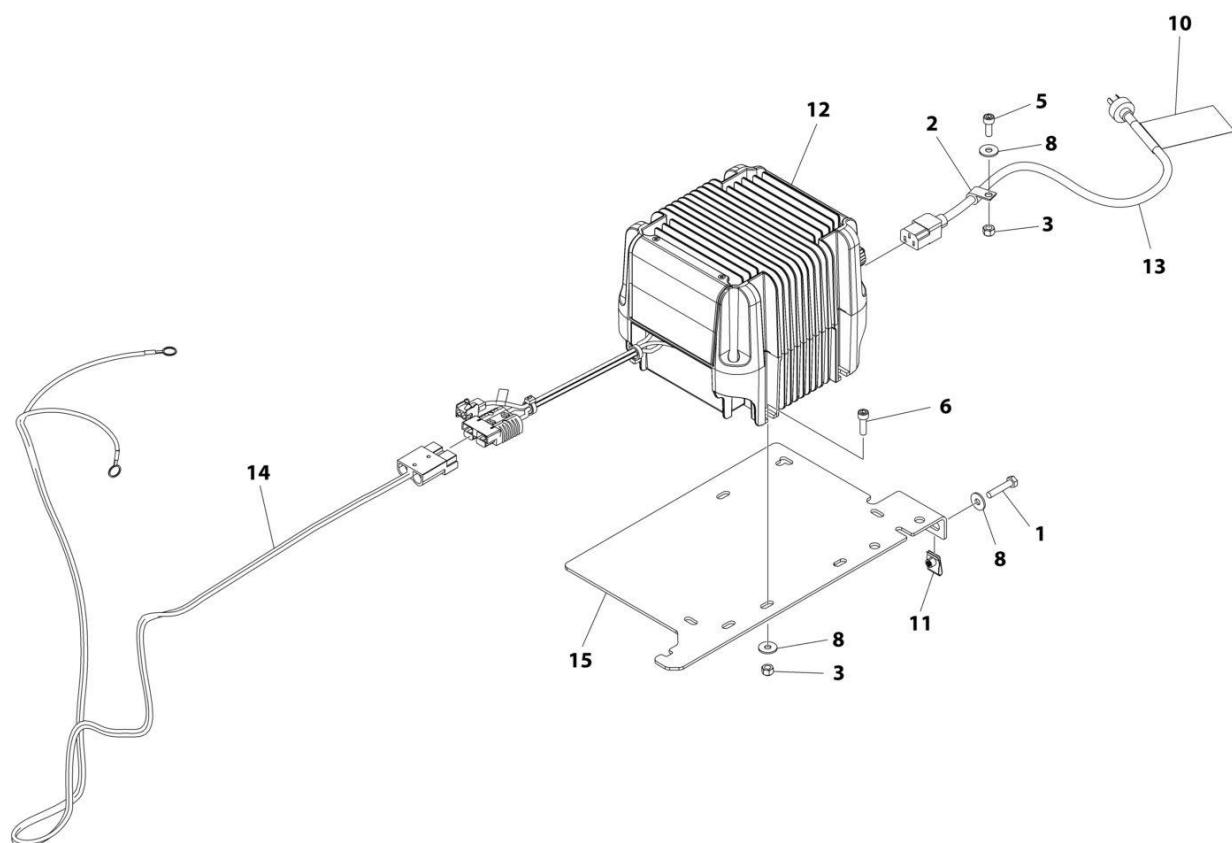
SECTION 1 - FRAME

FIGURE 1-12. BATTERY CHARGER INSTALLATION - GREEN POWER (LOCALLY SUPPLIED PLUG)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235156	Ref	BATTERY CHARGER INSTALLATION - GREEN POWER (LOCALLY SUPPLIED PLUG)	C
1	0700614	2	Bolt M6 x 30	
2	1321293	1	Clamp, Cable	
3	3290605	4	Nut M6	
5	4031707	1	Capscrew M6 x 16	
6	4031708	3	Capscrew M6 x 20	
7	4240017	AR	Tie-Strap (Not Shown)	
8	4811702	6	Washer M6	
10	1001102489	1	Decal - Charger	
11	1001130220	2	Nut, Tinnerman M6	
12	1001205598	1	Charger, Battery Green Power	
13	1001207974	1	Cable, Charger AC Input	
14	1001235946	1	Charger DC Connection Harness	
15	1001236139	1	Bracket	

SECTION 1 - FRAME

FIGURE 1-13. BATTERY CHARGER INSTALLATION - GREEN POWER (CHINA PLUG)



ART_1001235154

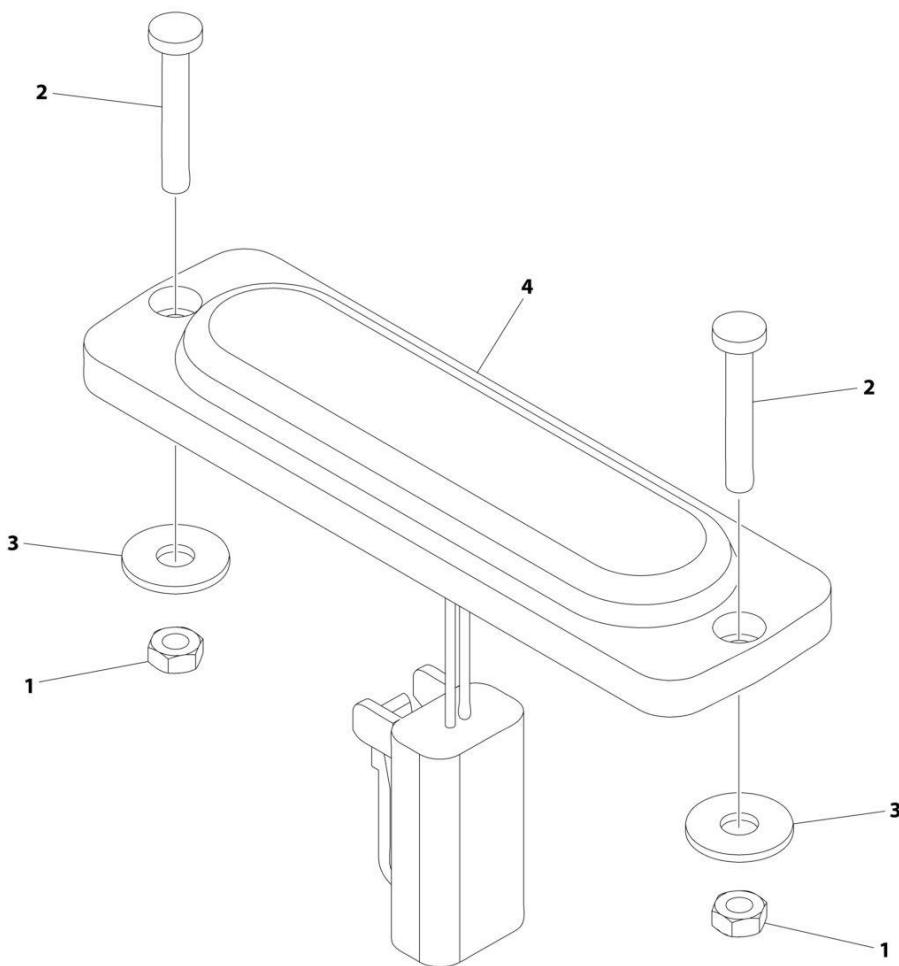
SECTION 1 - FRAME

FIGURE 1-13. BATTERY CHARGER INSTALLATION - GREEN POWER (CHINA PLUG)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235154	Ref	BATTERY CHARGER INSTALLATION - GREEN POWER (CHINA PLUG)	
1	0700614	2	Bolt M6 x 30	
2	1321293	1	Clamp, Cable	
3	3290605	4	Nut, M6	
5	4031707	1	Capscrew M6 x 16	
6	4031708	3	Capscrew M6 x 20	
7	4240017	AR	Tie-Strap (Not Shown)	
8	4811702	6	Washer M6	
10	1001102489	1	Decal - Charger	
11	1001130220	2	Nut, Tinnerman M6	
12	1001205598	1	Charger, Battery Green Power	
13	1001207973	1	Cable, Charger AC Input	
14	1001235946	1	Charger DC Connection Harness	
15	1001236139	1	Bracket	

SECTION 1 - FRAME

FIGURE 1-14. STROBE LIGHT INSTALLATION - SINGLE (AMBER) (WITHOUT GUARD)



ART_1001242988

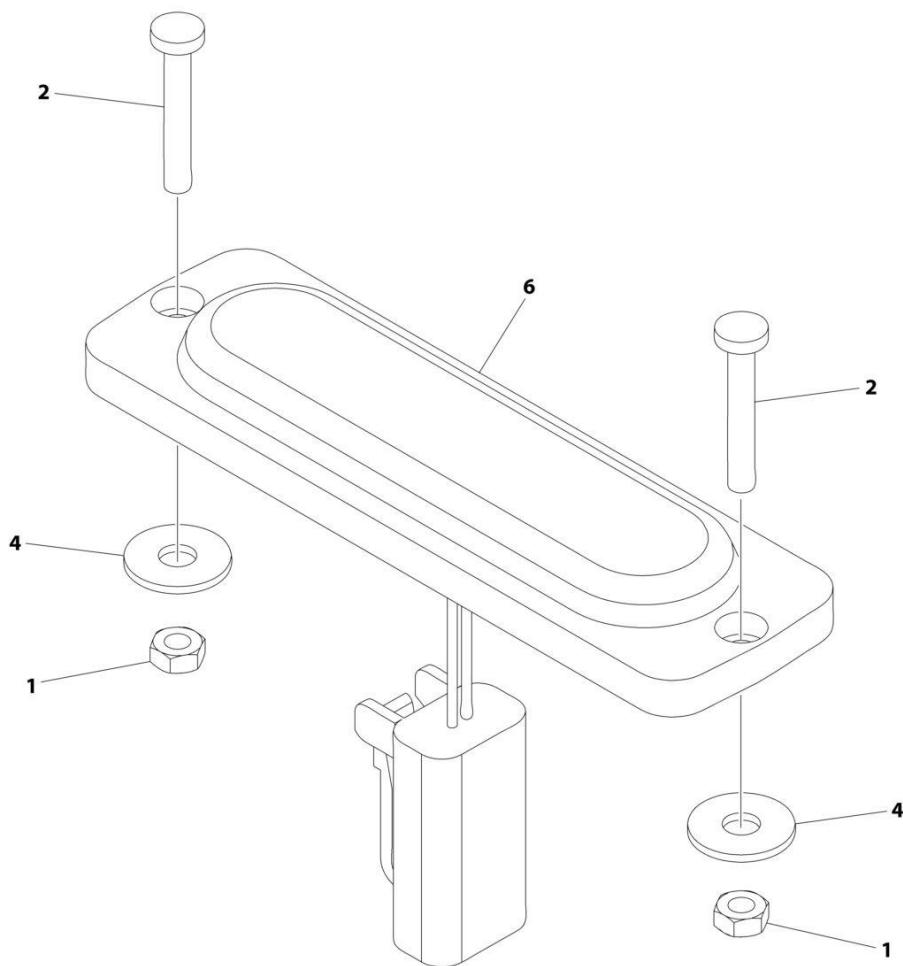
SECTION 1 - FRAME

FIGURE 1-14. STROBE LIGHT INSTALLATION - SINGLE (AMBER) (WITHOUT GUARD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242988	Ref	STROBE LIGHT INSTALLATION - SINGLE (AMBER) (WITHOUT GUARD)	
1	3290305	2	Nut M3	
2	4010310	2	Screw M3 x 20	
3	1001091102	2	Washer M4	
4	1001239224	1	Light, Strobe	
4	4460891	1	Plug, Male - 2 Position	
4	4460465	2	Socket, Female	

SECTION 1 - FRAME

FIGURE 1-15. STROBE LIGHT INSTALLATION - DUAL (AMBER) (WITHOUT GUARD)



ART_1001242989

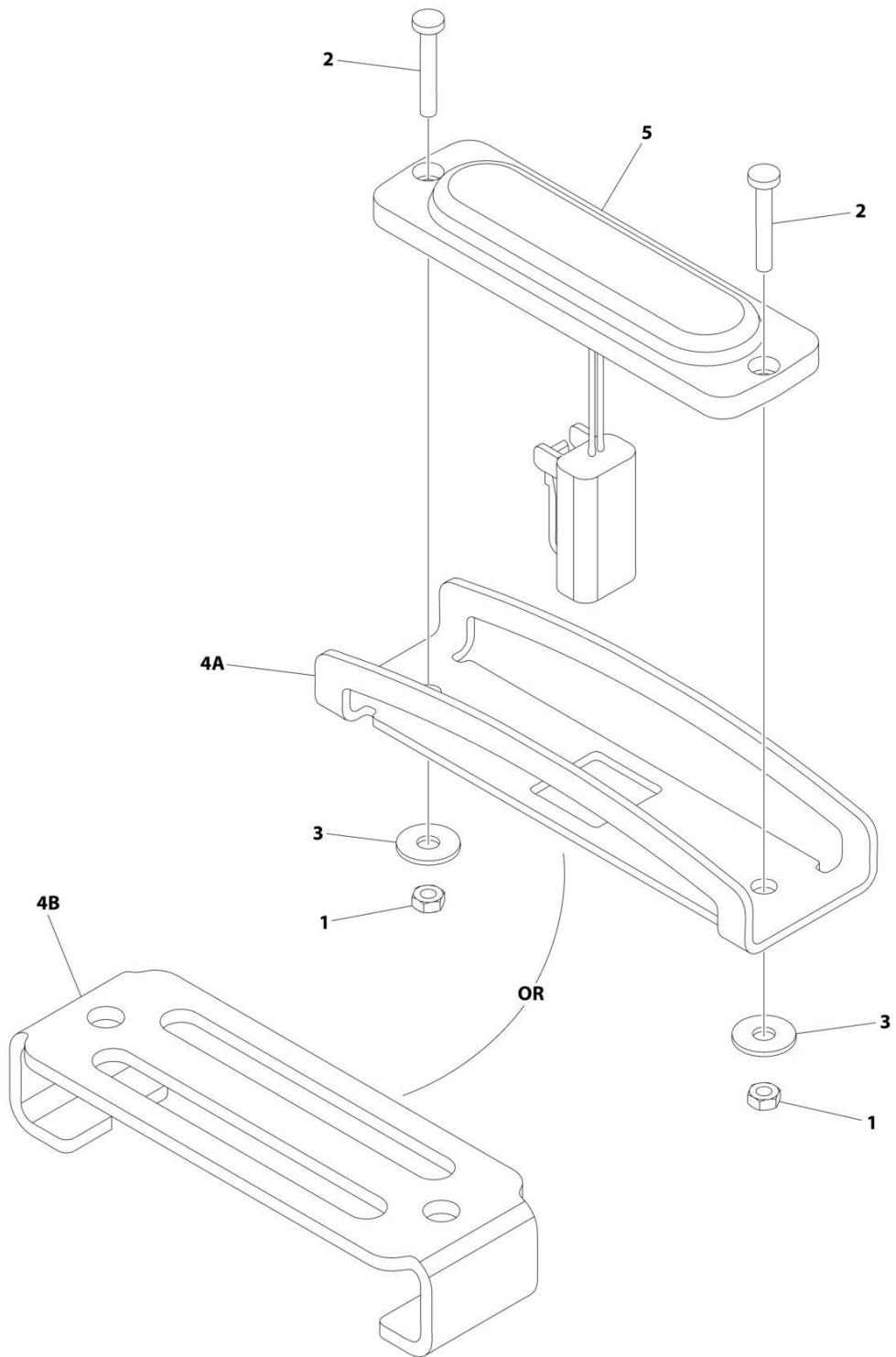
SECTION 1 - FRAME

FIGURE 1-15. STROBE LIGHT INSTALLATION - DUAL (AMBER) (WITHOUT GUARD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242989	Ref	STROBE LIGHT INSTALLATION - DUAL (AMBER) (WITHOUT GUARD)	
1	3290305	4	Nut M3	
2	4010310	4	Screw M3 x 20	
3	4240018	AR	Tie-Strap (Not Shown)	
4	1001091102	4	Washer M4	
5	1001215216	1	Strobe Light Jumper Harness (Not Shown)	
5	4460897	2	Receptacle, Female - 2 Position	
5	4460464	4	Pin, Male	
5	4460891	1	Plug, Male - 2 Position	
5	4460465	2	Socket, Female	
6	1001239224	2	Light, Strobe	
6	4460891	1	Plug, Male - 2 Position	
6	4460465	2	Socket, Female	

SECTION 1 - FRAME

FIGURE 1-16. STROBE LIGHT INSTALLATION - SINGLE (AMBER) (WITH GUARD)



ART_1001242697

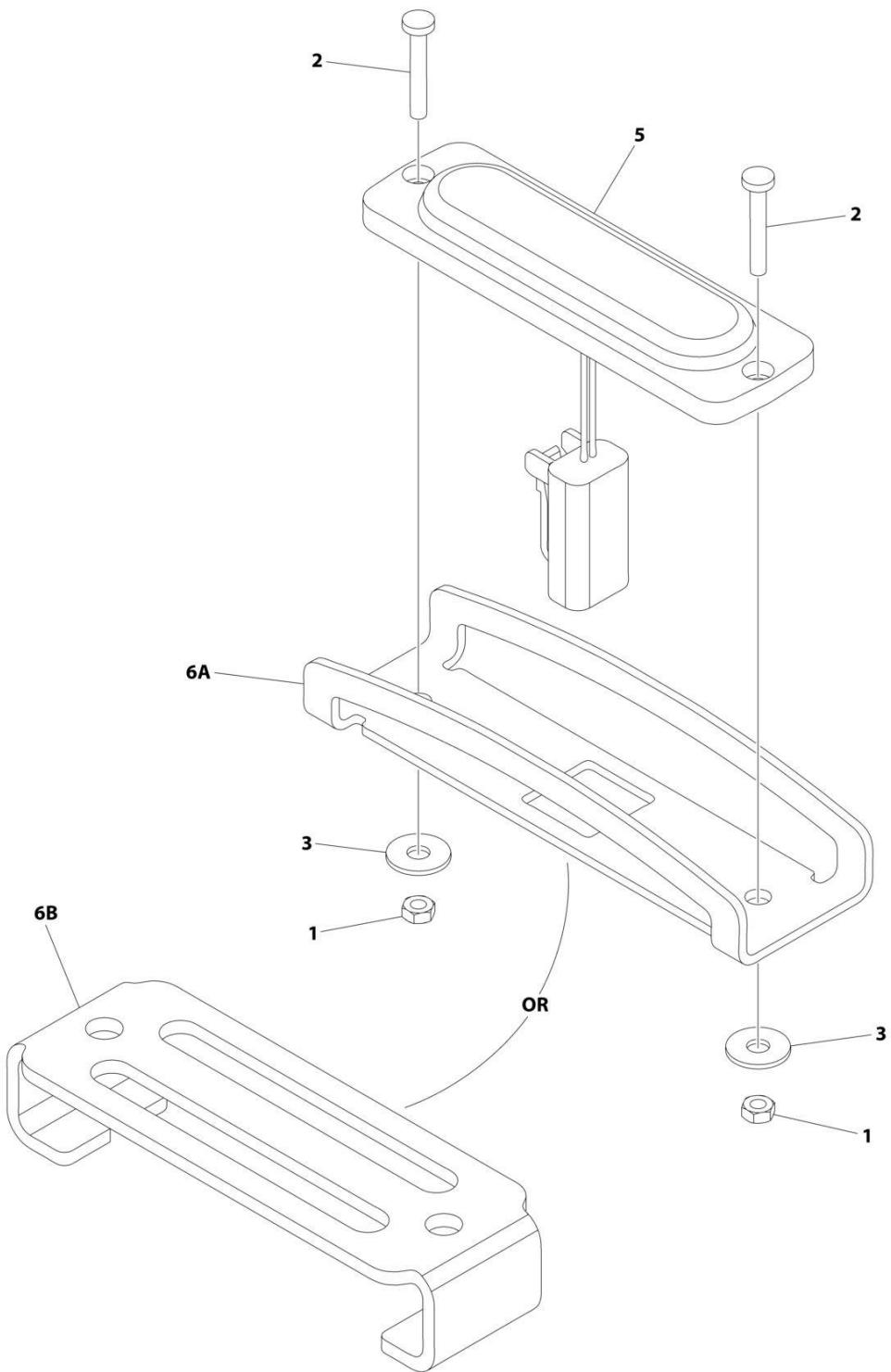
SECTION 1 - FRAME

FIGURE 1-16. STROBE LIGHT INSTALLATION - SINGLE (AMBER) (WITH GUARD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242697	Ref	STROBE LIGHT INSTALLATION - SINGLE (AMBER) (WITH GUARD)	
1	3290305	2	Nut M3	
2	4010310	2	Screw M3 x 20	
3	1001091102	2	Washer M4	
4A	1001242539	1	Guard	
4B	1001239661	1	Cover	
5	1001239224	1	Light, Strobe	
5	4460891	1	Plug, Male - 2 Position	
5	4460465	2	Socket, Female	

SECTION 1 - FRAME

FIGURE 1-17. STROBE LIGHT INSTALLATION - DUAL (AMBER) (WITH GUARD)



ART_1001242990

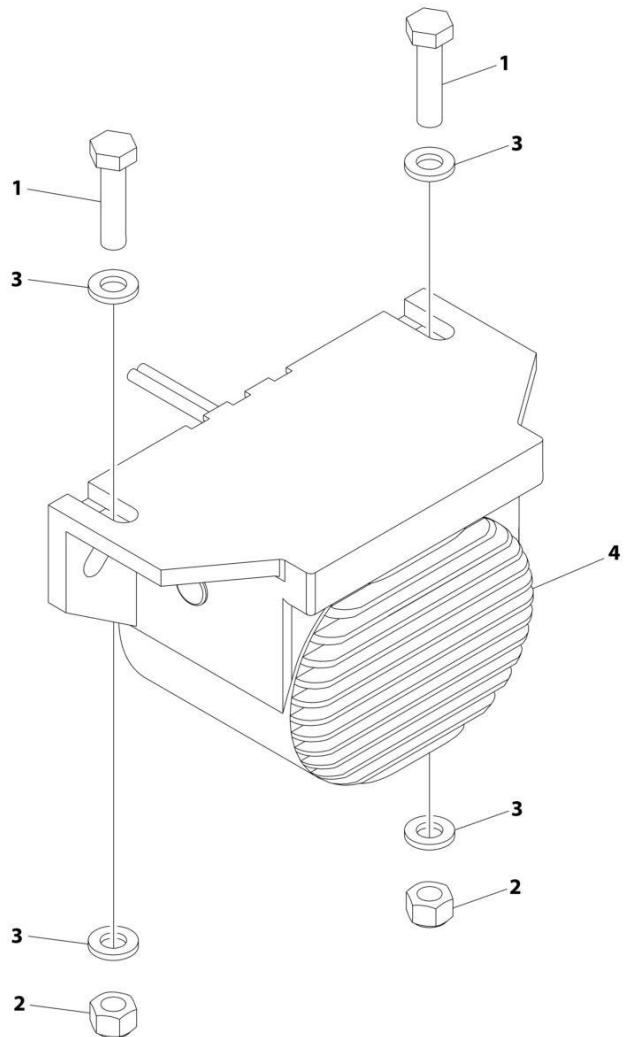
SECTION 1 - FRAME

FIGURE 1-17. STROBE LIGHT INSTALLATION - DUAL (AMBER) (WITH GUARD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001242990	Ref	STROBE LIGHT INSTALLATION - DUAL (AMBER) (WITH GUARD)	
1	3290305	4	Nut M3	D
2	4010310	4	Screw M3 x 20	
3	1001091102	4	Washer M4	
4	1001215216	1	Strobe Light Jumper Harness (Not Shown)	
4	4460897	2	Receptacle, Female - 2 Position	
4	4460464	4	Pin, Male	
4	4460891	1	Plug, Male - 2 Position	
4	4460465	2	Socket, Female	
5	1001239224	2	Light, Strobe	
5	4460891	1	Plug, Male - 2 Position	
5	4460465	2	Socket, Female	
6A	1001242539	2	Guard	
6B	1001239661	2	Cover	
7	4240018	AR	Tie-Strap (Not Shown)	

SECTION 1 - FRAME

FIGURE 1-18. ALARM INSTALLATION (AMBIENT/WHITE NOISE)



ART_1001204495

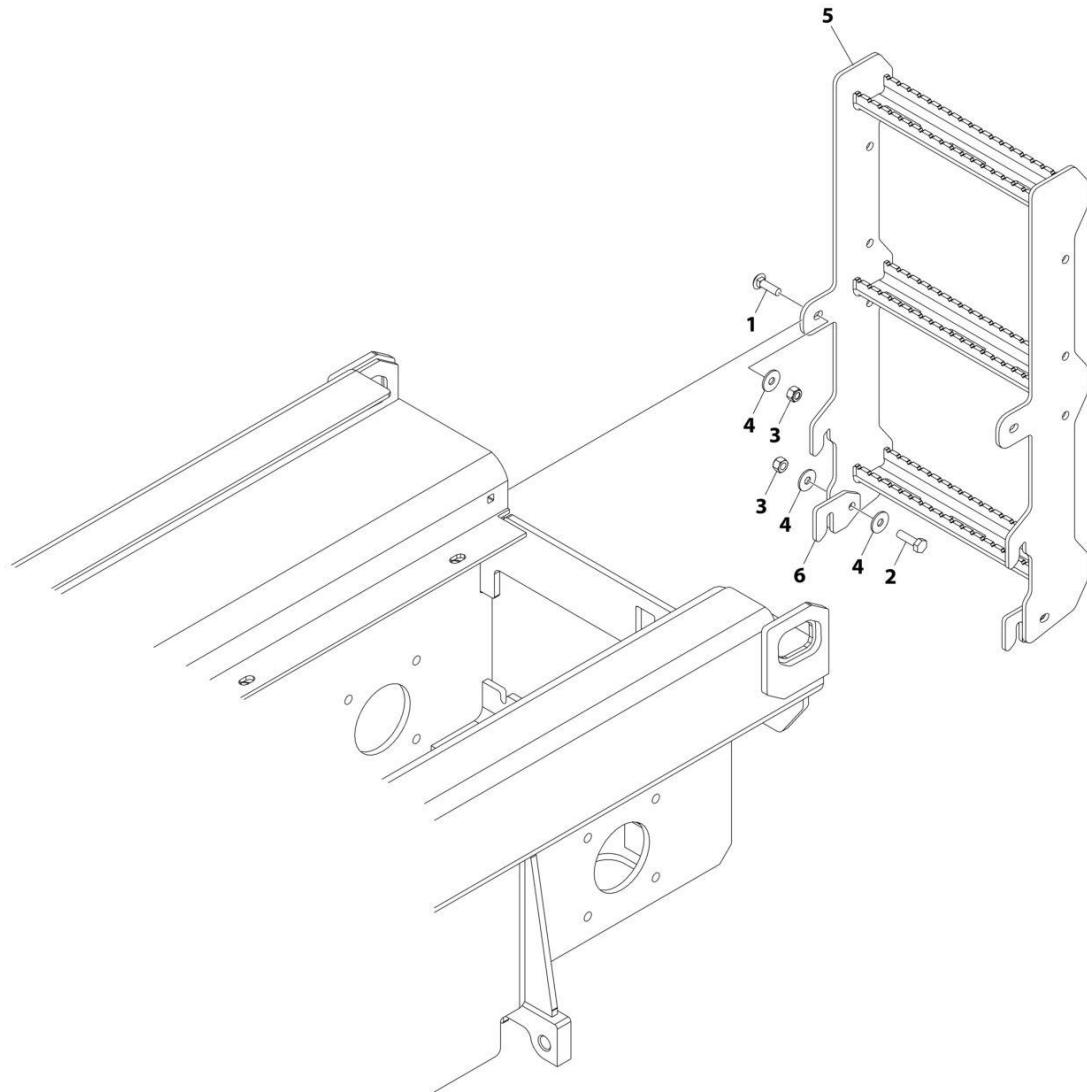
SECTION 1 - FRAME

FIGURE 1-18. ALARM INSTALLATION (AMBIENT/WHITE NOISE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001204495	Ref	ALARM INSTALLATION (AMBIENT/WHITE NOISE)	
1	0760612	2	Bolt M6 x 25	
2	3290605	2	Nut M6	
3	4811700	4	Washer M6	
4	1001182806	1	Alarm	
4	4460897	1	Receptacle, Female - 2 Position	
4	4460464	2	Pin, Male	

SECTION 1 - FRAME

FIGURE 1-19. LADDER INSTALLATION



ART_1001237707

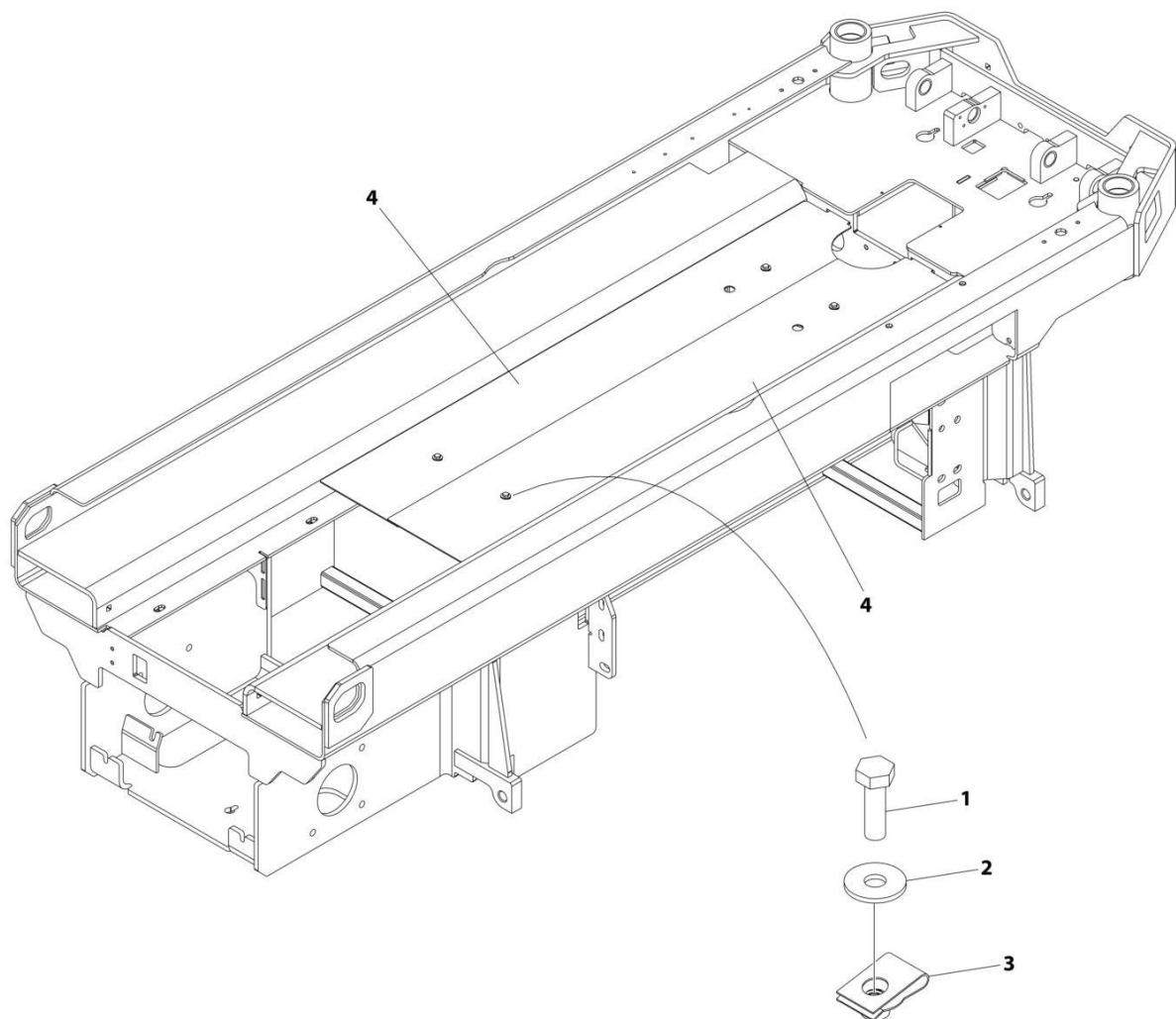
SECTION 1 - FRAME

FIGURE 1-19. LADDER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001237707	Ref	LADDER INSTALLATION	B
1	1001228406	2	Bolt M10 x 35	
2	0761015	2	Bolt M10 x 35	
3	3291005	4	Nut M10	
4	4812002	6	Washer M10	
5	1001234842	1	Ladder	
6	1001235955	2	Bracket	
6	1001237708	2	Bracket	

SECTION 1 - FRAME

FIGURE 1-20. FRAME COVERS INSTALLATION



ART_1001237855

SECTION 1 - FRAME

FIGURE 1-20. FRAME COVERS INSTALLATION

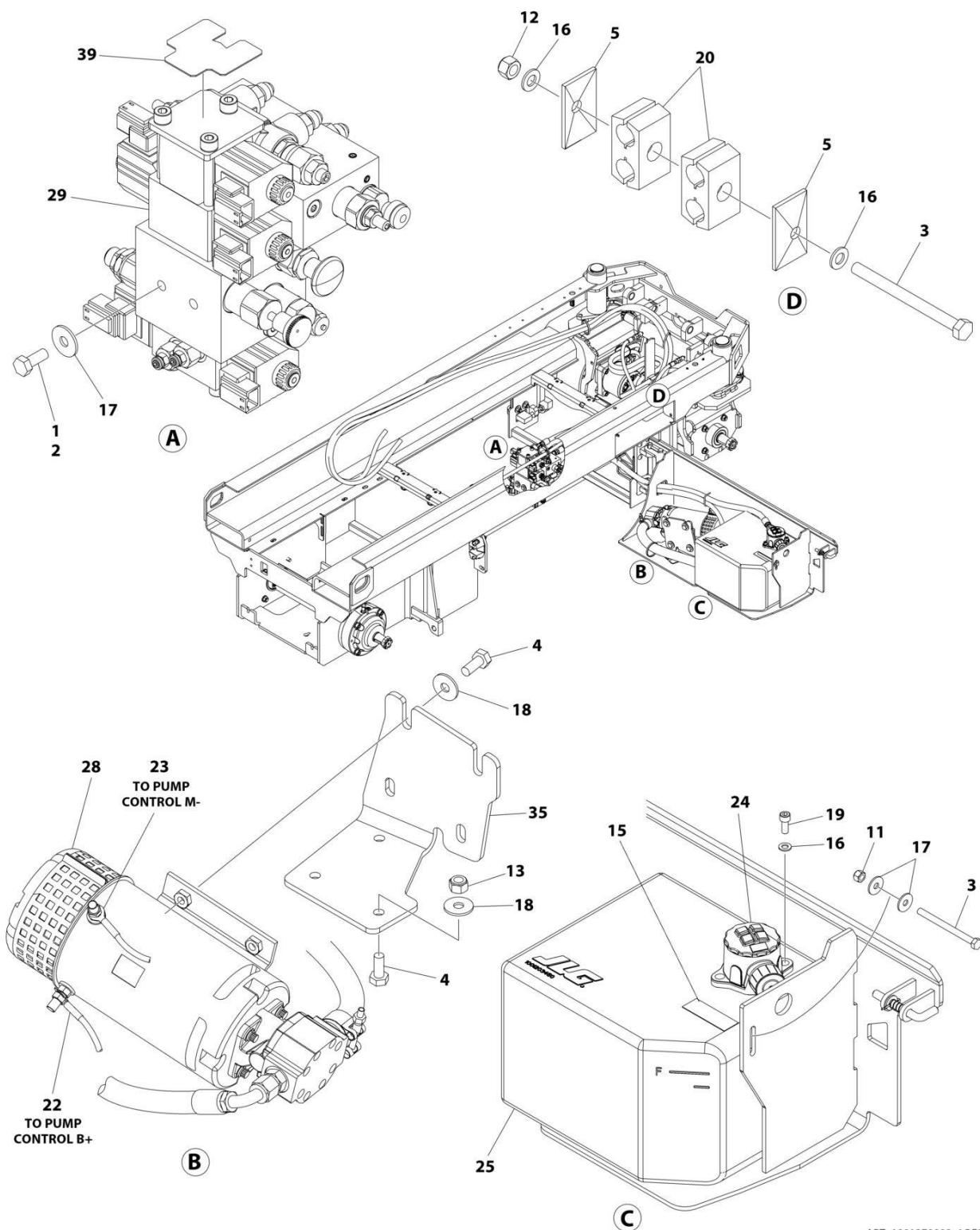
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001237855	Ref	FRAME COVERS INSTALLATION	A
1	0760610	4	Bolt M6 x 20	
2	4811702	4	Washer M6	
3	1001130220	4	Nut, Tinnerman M6	
4	1001237856	2	Cover	

SECTION 2 - GROUND CONTROLS

SECTION 2 - GROUND CONTROLS

SECTION 2 - GROUND CONTROLS

FIGURE 2-1. HYDRAULIC COMPONENTS INSTALLATION



ART_1001370008_1OF2

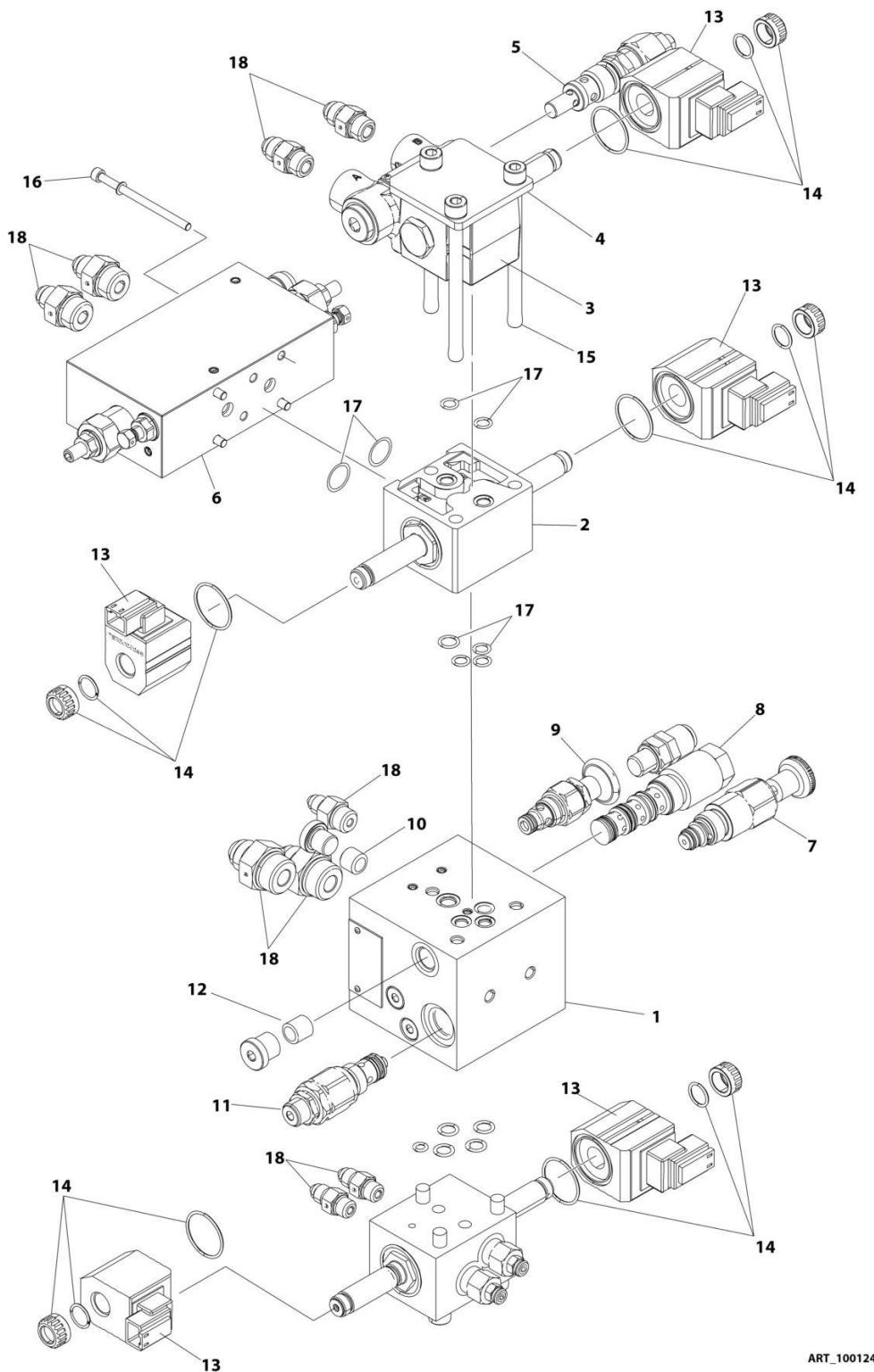
SECTION 2 - GROUND CONTROLS

FIGURE 2-1. HYDRAULIC COMPONENTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001370008	Ref	HYDRAULIC COMPONENTS INSTALLATION	
1	0100011	AR	Compound, Locking	
2	0760810	2	Bolt M8 x 20	
3	0760827	2	Bolt M8 x 100	
4	0761012	7	Bolt M8 x 25	
5	1321752	2	Plate, Clamp	
11	3290801	1	Nut M8	
12	3290805	1	Nut M8	
13	3291005	3	Nut M10	
14	4240017	12	Tie-Strap (Not Shown)	
15	4420062	75 mm	Tape	
16	4811900	4	Washer M8	
17	4811902	4	Washer M8	
18	4812002	7	Washer M10	
19	5271808	2	Capscrew M8 x 20	
20	8750014	2	Clamp	
22	1001201705	1	Cable, Pump (+)	
23	1001201706	1	Cable, Pump (-)	
24	1001202851	1	Filter, Hydraulic	
24	70005423	1	Filter Element Kit (Includes Element, Cap O-Ring and Bowl O-Ring)	
24	70007946	1	O-Ring, Bowl	
25	1001203450	1	Tank, Hydraulic	
28	1001213875	1	Motor/Pump Assembly	
28	70006351	1	Replacement Motor	
28	70006352	1	Replacement Pump	
28	70005816	1	Seal and Mounting Kit (Includes Shaft Seal, Retaining Ring, Gasket and Pump Mounting Hardware)	
29	1001248679	1	Main Valve Assembly (See Separate Breakdown in this Section)	
35	1001241894	1	Bracket	
39	1001212294	1	Decal - Manifold	

SECTION 2 - GROUND CONTROLS

FIGURE 2-2. MAIN VALVE ASSEMBLY



ART_1001248679

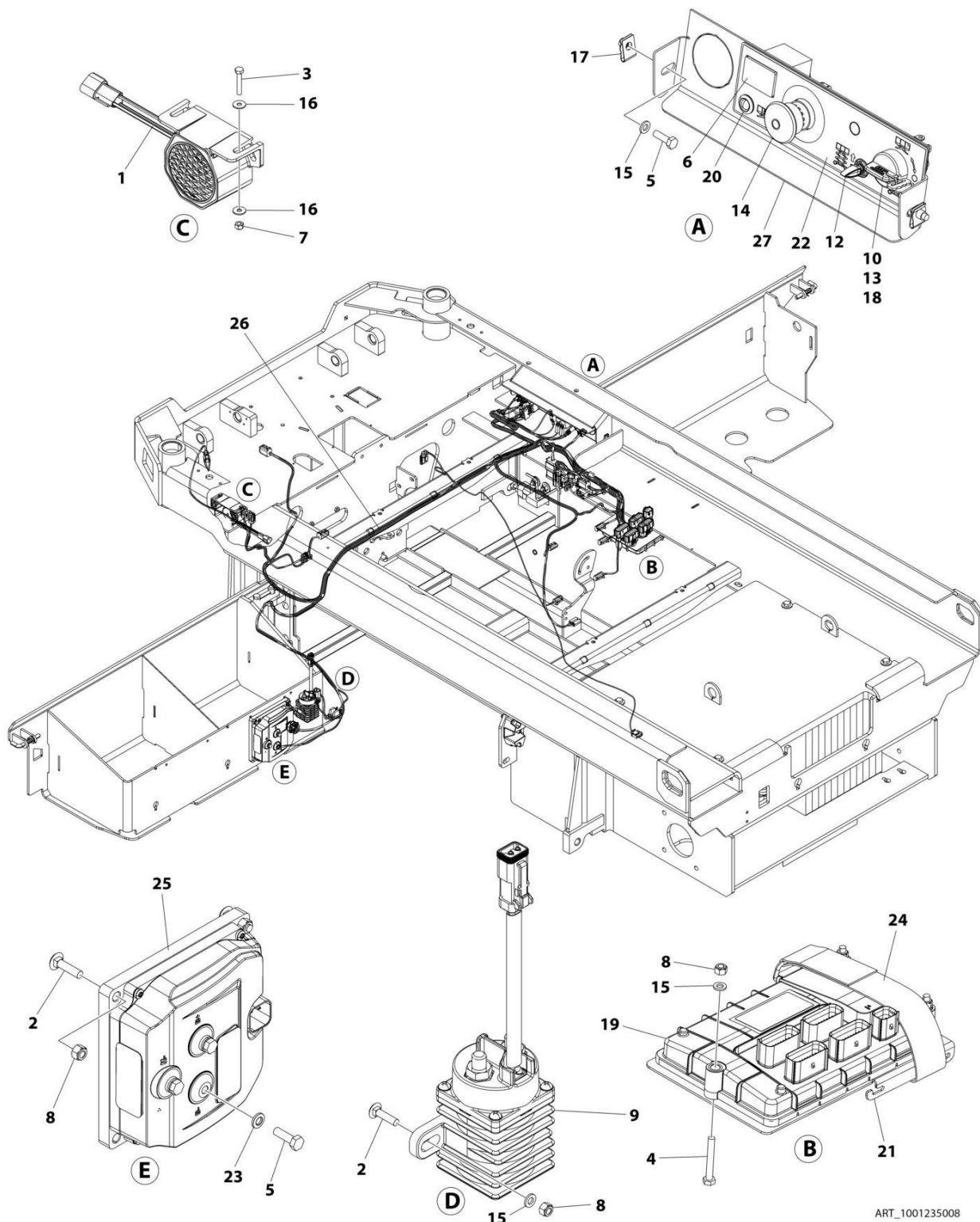
SECTION 2 - GROUND CONTROLS

FIGURE 2-2. MAIN VALVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248679	Ref	MAIN VALVE ASSEMBLY	
1	70007595	1	Valve Assembly (Includes Items 7-9)	D
2	70005903	1	Valve Assembly - Lower Drive	
3	70007594	1	Valve Assembly - Lift	
4	70005911	1	Plate	
5	70005909	1	Valve, Cartridge	
6	70007593	1	Valve Assembly - Upperr Drive	
7	70005900	1	Valve, Cartridge	
8	70005898	1	Valve, Cartridge	
9	70005899	1	Valve, Cartridge	
10	70007598	1	Restrictor, Flow	
11	70007596	1	Cartridge, Valve	
12	70007597	1	Orifice	
13	70005893	5	Coil	
14	70021209	5	Coil Nut Kit	
15	70007599	1	Bolt Kit	
16	70007600	1	Bolt Kit	
17	70007601	1	Seal Kit	
18	70007602	1	Fitting Kit	

SECTION 2 - GROUND CONTROLS

FIGURE 2-3. ELECTRICAL COMPONENTS INSTALLATION (CHINA BUILT MACHINES)



ART_1001235008

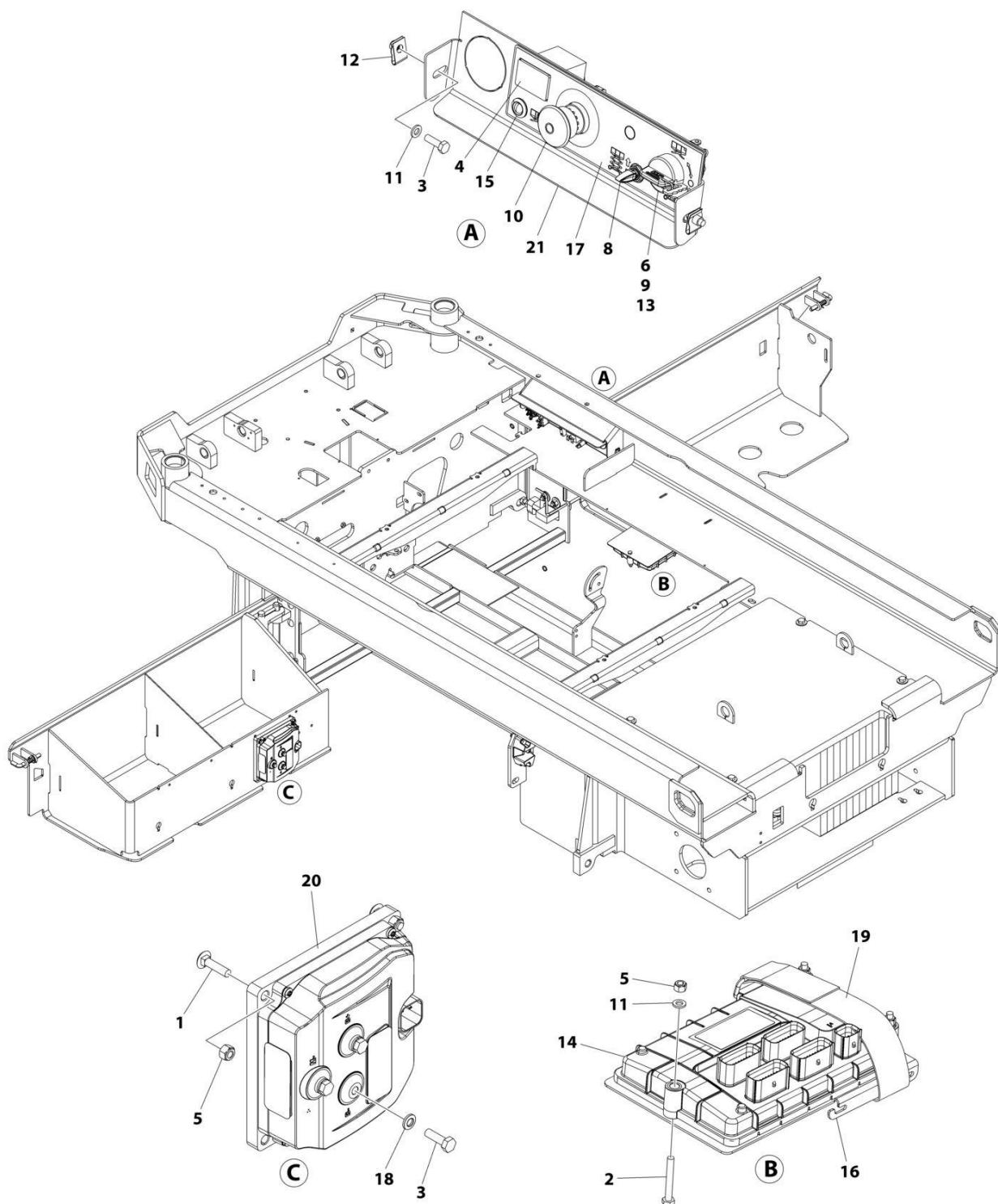
SECTION 2 - GROUND CONTROLS

FIGURE 2-3. ELECTRICAL COMPONENTS INSTALLATION (CHINA BUILT MACHINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235008	Ref	ELECTRICAL COMPONENTS INSTALLATION	
1	0140043	1	Alarm	
2	0630587	4	Bolt M6 x 25	
3	0700412	2	Bolt M4 x 25	
4	0700617	3	Bolt M6 x 45	
5	0760610	5	Bolt M6 x 20	
6	2420172	1	Hourmeter	
7	3290405	2	Nut M4	
8	3290605	7	Nut M6	
9	3740150	1	Relay	
10	3910804	3	Screw #8 x 1/4	
11	4240017	AR	Tie-Strap (Not Shown)	
12	4360328	1	Switch, Toggle	
13	4360469	1	Switch, Key	
13	2860030	1 Set	Key, Replacement	
14	4360475	1	Switch, Emergency Stop (Metal)	
14	7020175	1	Cap	
14	7020176	1	Block, Contact	
14	1001274559	1	Switch, Emergency Stop (Plastic)	
15	4811700	7	Washer M6	
16	1001091102	4	Washer M4	
17	1001130220	2	Nut Tinnerman M6	
18	1001130590	1	Plate	
19	1001200629	1	Module, Control (Note: Recalibration Required when Replaced)	
20	1001200631	1	Light, Indicator (Red)	
21	1001207494	1	Bracket	
22	1001209682	1	Decal - Ground Control	
23	1001210966	3	Washer	
24	1001215762	1	Strap, Clinch	
25	1001216062	1	Module, Power (Note: Recalibration Required when Replaced)	
26	1001234479	1	Chassis Harness (See Separate Breakdown in ELECTRICAL SECTION)	
27	1001235559	1	Support	

SECTION 2 - GROUND CONTROLS

FIGURE 2-4. ELECTRICAL COMPONENTS INSTALLATION - #1 (USA & EUROPEAN BUILT MACHINES)



ART_1001237887

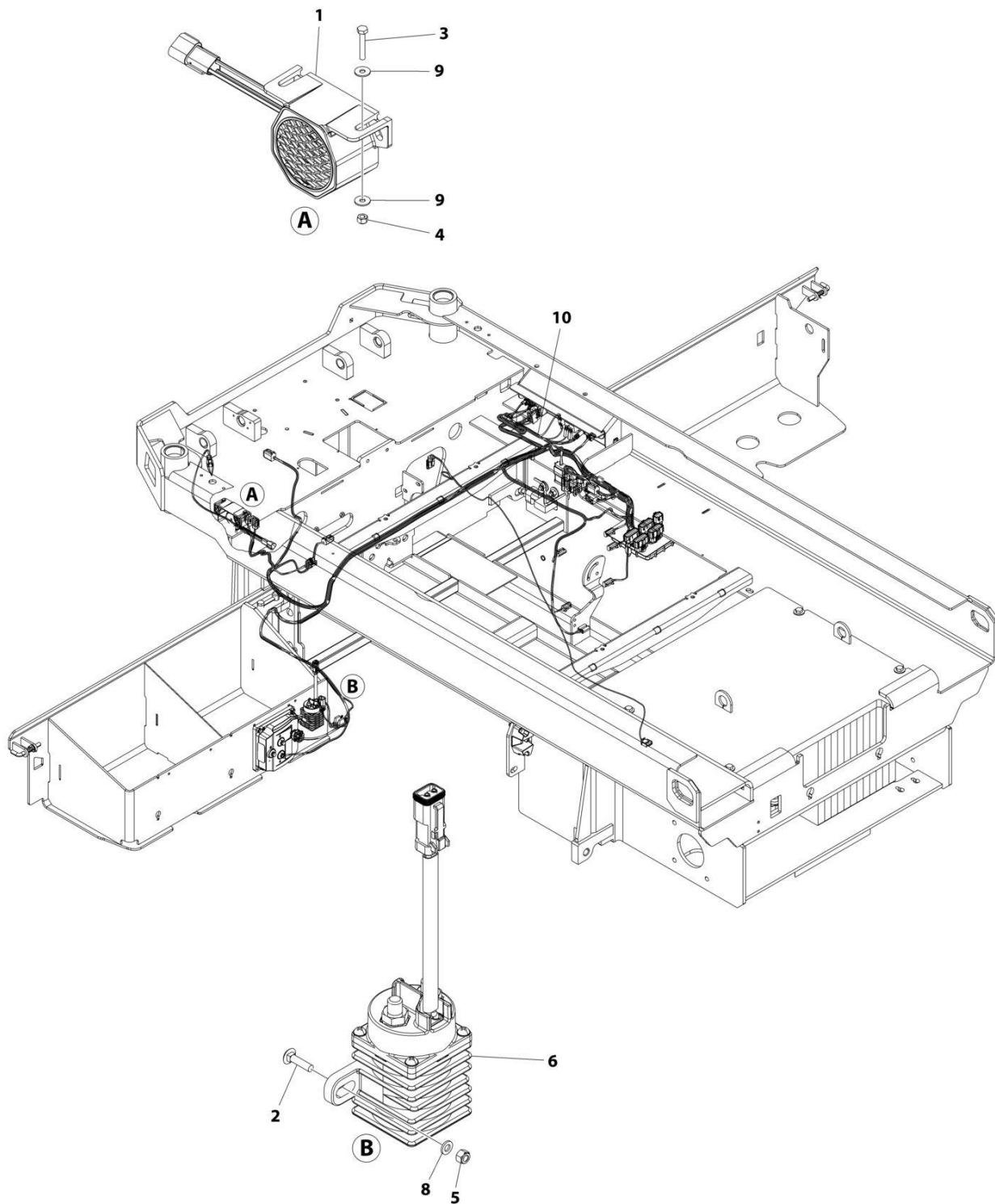
SECTION 2 - GROUND CONTROLS

FIGURE 2-4. ELECTRICAL COMPONENTS INSTALLATION - #1 (USA & EUROPEAN BUILT MACHINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237887	Ref	ELECTRICAL COMPONENTS INSTALLATION	
1	0630587	2	Bolt M6 x 25	
2	0700617	3	Bolt M6 x 45	
3	0760610	5	Bolt M6 x 20	
4	2420172	1	Hourmeter	
5	3290605	5	Nut M6	
6	3910804	3	Screw #8 x 1/4	
7	4240017	AR	Tie-Strap (Not Shown)	
8	4360328	1	Switch, Toggle	
9	4360469	1	Switch, Key	
9	2860030	1 Set	Key, Replacement	
10	4360475	1	Switch, Emergency Stop (Metal)	
10	7020175	1	Cap	
10	7020176	1	Block, Contact	
10	1001274559	1	Switch, Emergency Stop (Plastic)	
11	4811700	5	Washer M6	
12	1001130220	2	Nut Tinnerman M6	
13	1001130590	1	Plate	
14	1001200629	1	Module, Control (Note: Recalibration Required when Replaced)	
15	1001200631	1	Light, Indicator (Red)	
16	1001207494	1	Bracket	
17	1001209682	1	Decal - Ground Control	
18	1001210966	3	Washer	
19	1001215762	1	Strap, Clinch	
20	1001216062	1	Module, Power (Note: Recalibration Required when Replaced)	
21	1001235559	1	Support	

SECTION 2 - GROUND CONTROLS

FIGURE 2-5. ELECTRICAL COMPONENTS INSTALLATION - #2 (USA & EUROPEAN BUILT MACHINES)



ART_1001239386

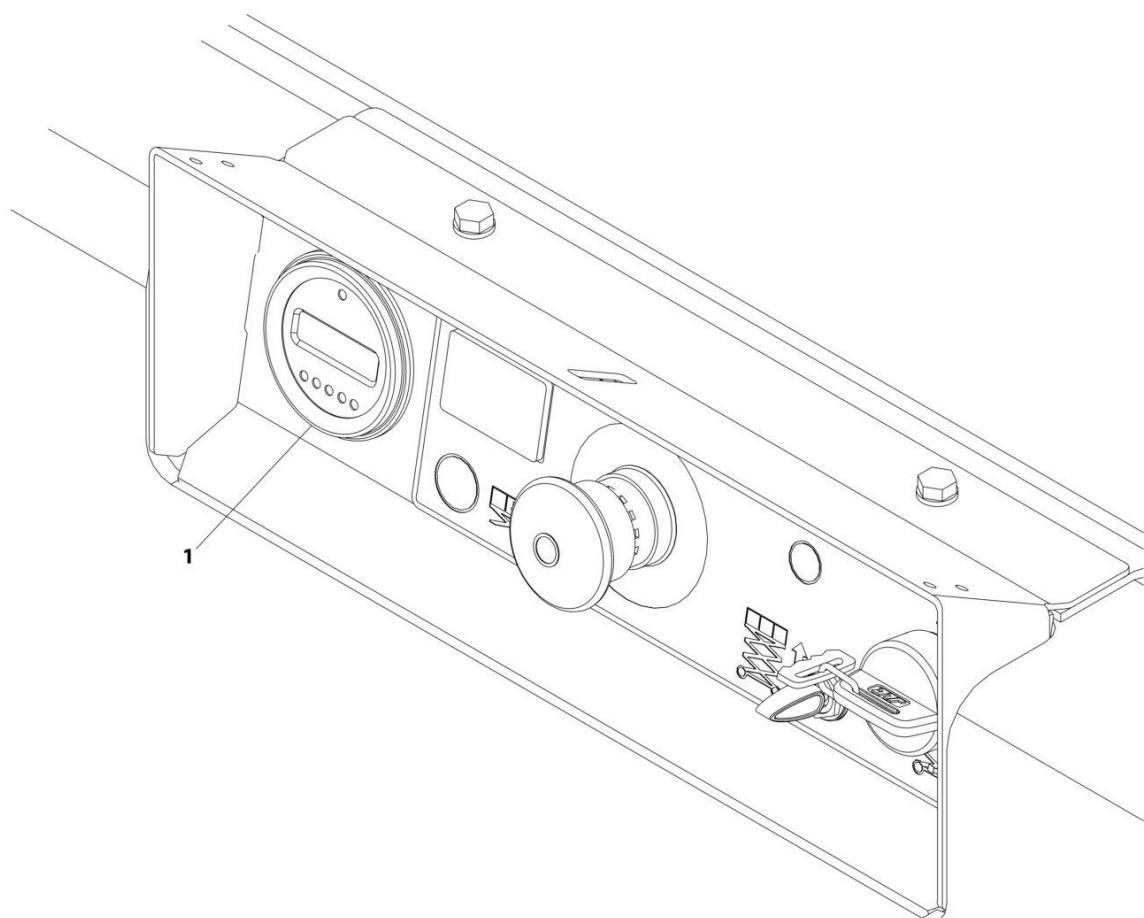
SECTION 2 - GROUND CONTROLS

FIGURE 2-5. ELECTRICAL COMPONENTS INSTALLATION - #2 (USA & EUROPEAN BUILT MACHINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239386	Ref	ELECTRICAL COMPONENTS INSTALLATION	A
1	0140043	1	Alarm	
2	0630587	2	Bolt M6 x 25	
3	0700412	2	Bolt M4 x 25	
4	3290405	2	Nut M4	
5	3290605	2	Nut M6	
6	3740150	1	Relay	
7	4240017	AR	Tie-Strap (Not Shown)	
8	4811700	2	Washer M6	
9	1001091102	4	Washer M4	
10	1001234479	1	Chassis Harness (See Separate Breakdown in ELECTRICAL SECTION)	

SECTION 2 - GROUND CONTROLS

FIGURE 2-6. MDI INSTALLATION



ART_1001207293

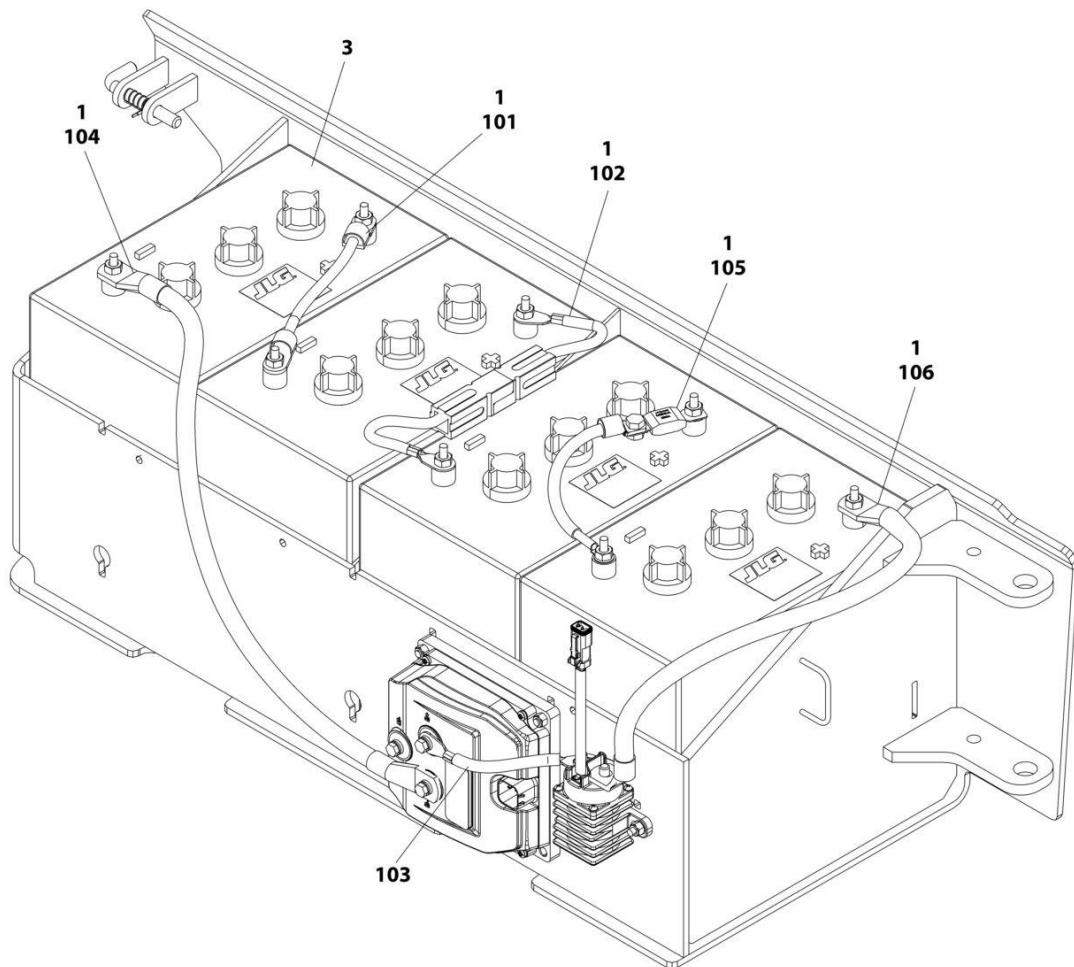
SECTION 2 - GROUND CONTROLS

FIGURE 2-6. MDI INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001207293 1001200632	Ref 1	MDI INSTALLATION Gauge, MDI	B

SECTION 2 - GROUND CONTROLS

FIGURE 2-7. BATTERIES INSTALLATION - STANDARD 6V-255AH



ART_1001235834

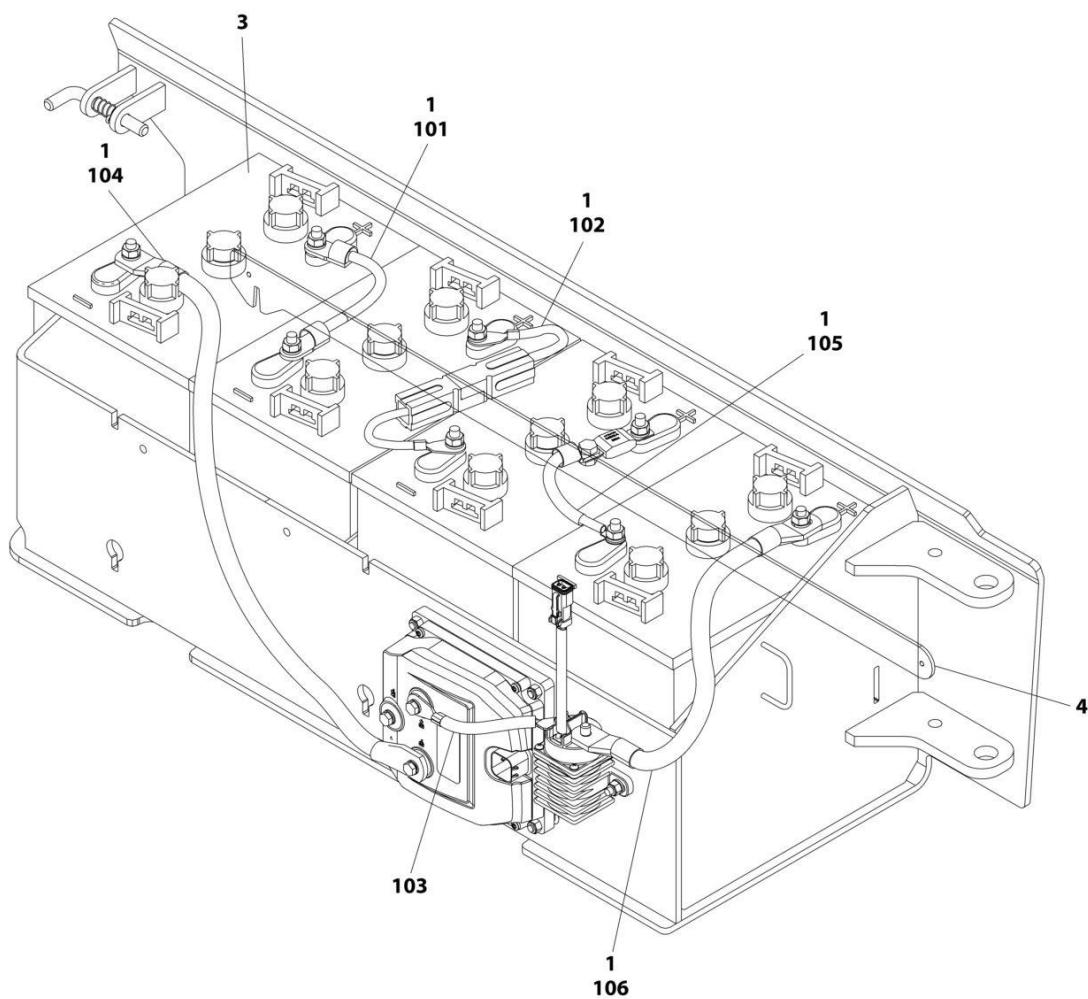
SECTION 2 - GROUND CONTROLS

FIGURE 2-7. BATTERIES INSTALLATION - STANDARD 6V-255AH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235834	Ref	BATTERIES INSTALLATION	
1	0100051	AR	Grease, Terminal	A
2	4240017	AR	Tie-Strap (Not Shown)	
3	1001235106	4	Battery	
100	1001228123	1	Battery Cable Kit (Not Shown)	
101	1060998	1	Cable, Positive to Negative	
102	4923328	1	Cable, Positive to Negative	
103	1001201708	1	Cable, Contactor to Pump Control B+	
104	1001201711	1	Cable, Battery Negative to Pump Control B-	
105	1001210401	1	Cable, Battery Fuse	
106	1001229110	1	Cable, Battery Positive to Contactor	

SECTION 2 - GROUND CONTROLS

FIGURE 2-8. BATTERIES INSTALLATION - STANDARD 6V-220AH



ART_1001236632

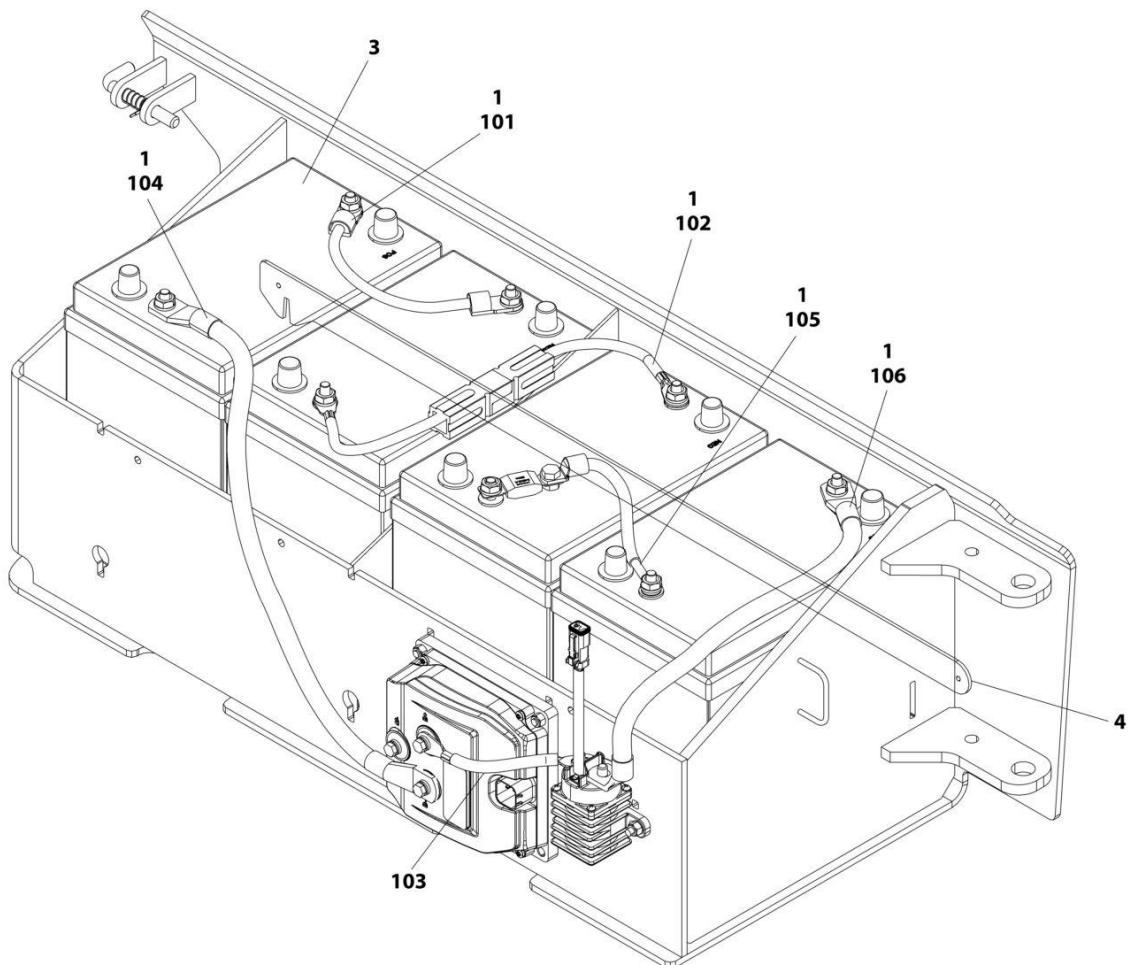
SECTION 2 - GROUND CONTROLS

FIGURE 2-8. BATTERIES INSTALLATION - STANDARD 6V-220AH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001236632	Ref	BATTERIES INSTALLATION	
1	0100051	AR	Grease, Terminal	
2	4240017	AR	Tie-Strap (Not Shown)	
3	1001216180	4	Battery	
4	1001239269	1	Bar	
100	1001228123	1	Battery Cable Kit (Not Shown)	
101	1060998	1	Cable, Positive to Negative	
102	4923328	1	Cable, Positive to Negative	
103	1001201708	1	Cable, Contactor to Pump Control B+	
104	1001201711	1	Cable, Battery Negative to Pump Control B-	
105	1001210401	1	Cable, Battery Fuse	
106	1001229110	1	Cable, Battery Positive to Contactor	

SECTION 2 - GROUND CONTROLS

FIGURE 2-9. BATTERIES INSTALLATION - AGM 6V-220AH



ART_1001237989

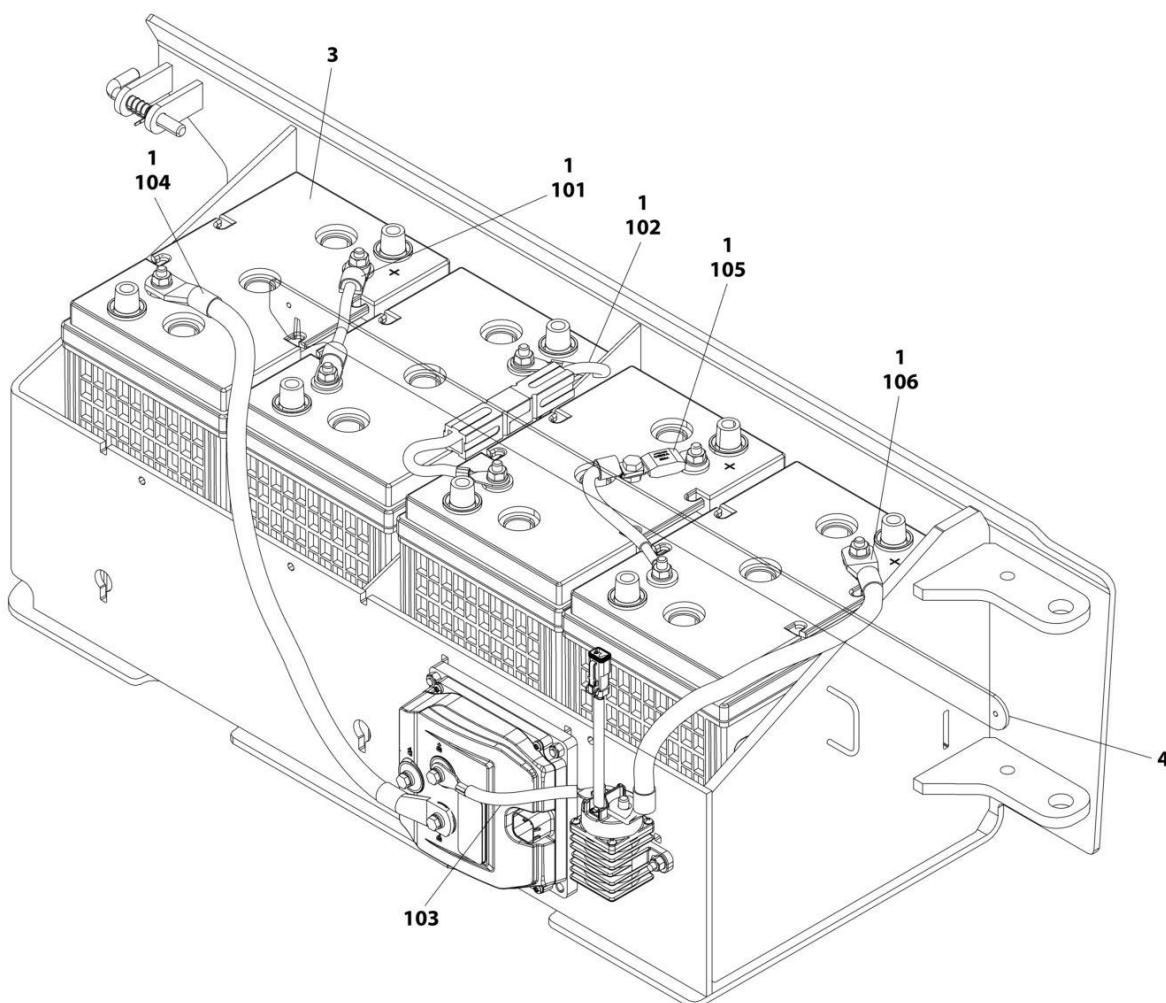
SECTION 2 - GROUND CONTROLS

FIGURE 2-9. BATTERIES INSTALLATION - AGM 6V-220AH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237989	Ref	BATTERIES INSTALLATION	
1	0100051	AR	Grease, Terminal	
2	4240017	AR	Tie-Strap (Not Shown)	
3	1001112112	4	Battery	
4	1001239269	1	Bar	
100	1001228123	1	Battery Cable Kit (Not Shown)	
101	1060998	1	Cable, Positive to Negative	
102	4923328	1	Cable, Positive to Negative	
103	1001201708	1	Cable, Contactor to Pump Control B+	
104	1001201711	1	Cable, Battery Negative to Pump Control B-	
105	1001210401	1	Cable, Battery Fuse	
106	1001229110	1	Cable, Battery Positive to Contactor	

SECTION 2 - GROUND CONTROLS

FIGURE 2-10. BATTERIES INSTALLATION - AGM EVCG 6V-220AH



ART_1001237991

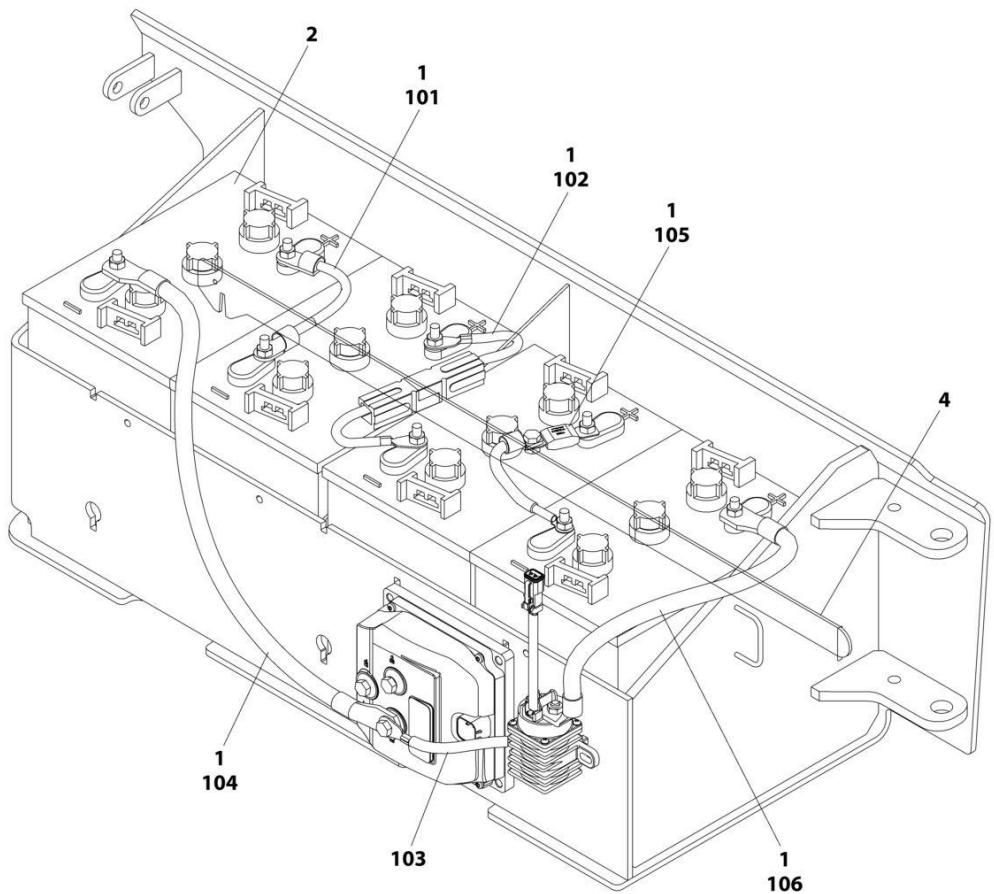
SECTION 2 - GROUND CONTROLS

FIGURE 2-10. BATTERIES INSTALLATION - AGM EVCG 6V-220AH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001237991	Ref	BATTERIES INSTALLATION	
1	0100051	AR	Grease, Terminal	
2	4240017	AR	Tie-Strap (Not Shown)	
3	1001214347	4	Battery	
4	1001239269	1	Bar	
100	1001228123	1	Battery Cable Kit (Not Shown)	
101	1060998	1	Cable, Positive to Negative	
102	4923328	1	Cable, Positive to Negative	
103	1001201708	1	Cable, Contactor to Pump Control B+	
104	1001201711	1	Cable, Battery Negative to Pump Control B-	
105	1001210401	1	Cable, Battery Fuse	
106	1001229110	1	Cable, Battery Positive to Contactor	

SECTION 2 - GROUND CONTROLS

FIGURE 2-11. BATTERIES INSTALLATION - 6V-220AH (TROJAN)



ART_1001249054

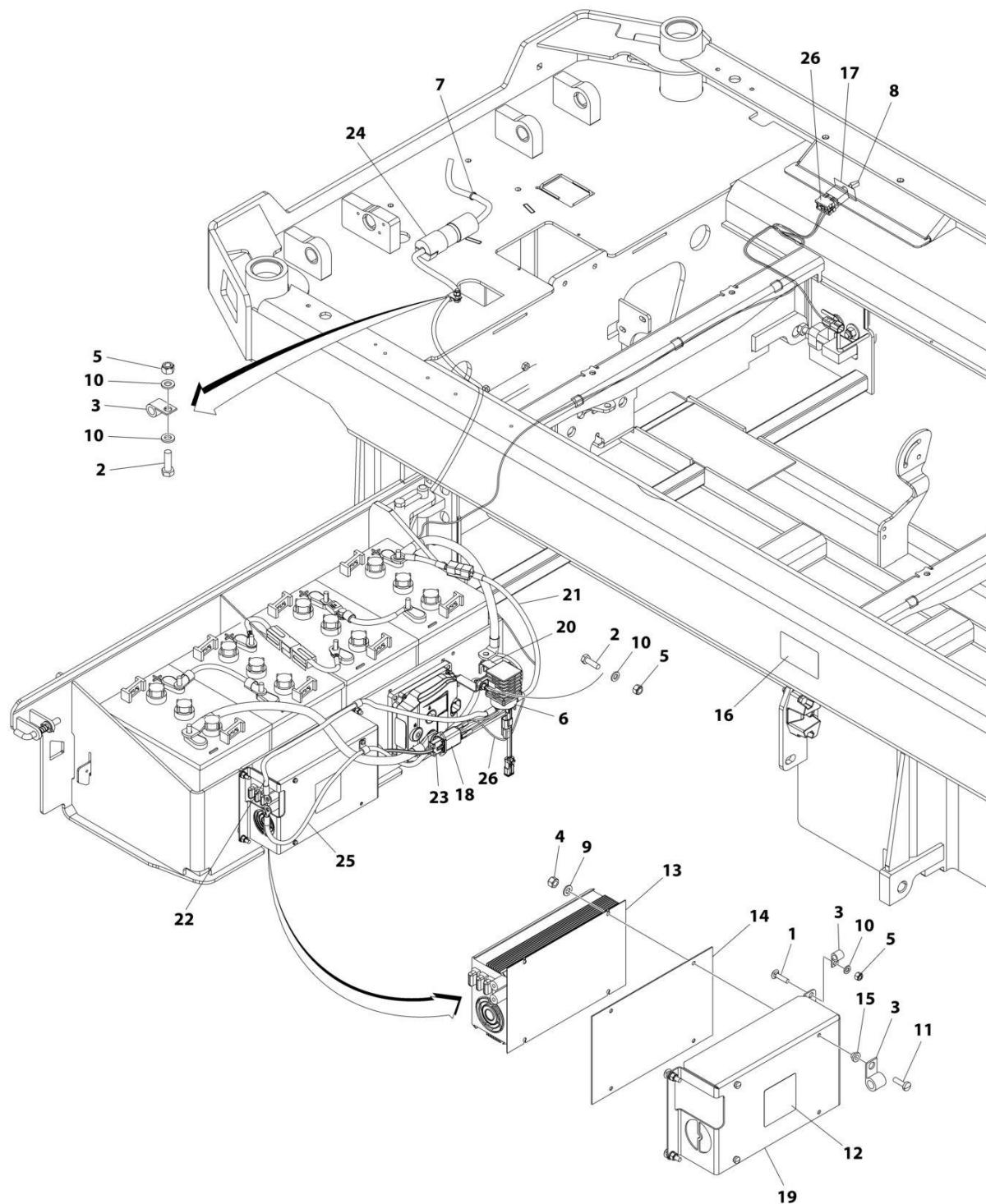
SECTION 2 - GROUND CONTROLS

FIGURE 2-11. BATTERIES INSTALLATION - 6V-220AH (TROJAN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001249054	Ref	BATTERIES INSTALLATION	
1	0100051	AR	Grease, Terminal	
2	1001258498	4	Battery	
3	4240017	AR	Tie-Strap (Not Shown)	
4	1001239269	1	Bar	
100	1001228123	1	Battery Cable Kit (Not Shown)	
101	1060998	1	Cable, Positive to Negative	
102	4923328	1	Cable, Positive to Negative	
103	1001201708	1	Cable, Contactor to Pump Control B+	
104	1001201711	1	Cable, Battery Negative to Pump Control B-	
105	1001210401	1	Cable, Battery Fuse	
106	1001229110	1	Cable, Battery Positive to Contactor	

SECTION 2 - GROUND CONTROLS

FIGURE 2-12. INVERTER INSTALLATION (OPTIONAL)



ART_1001236132

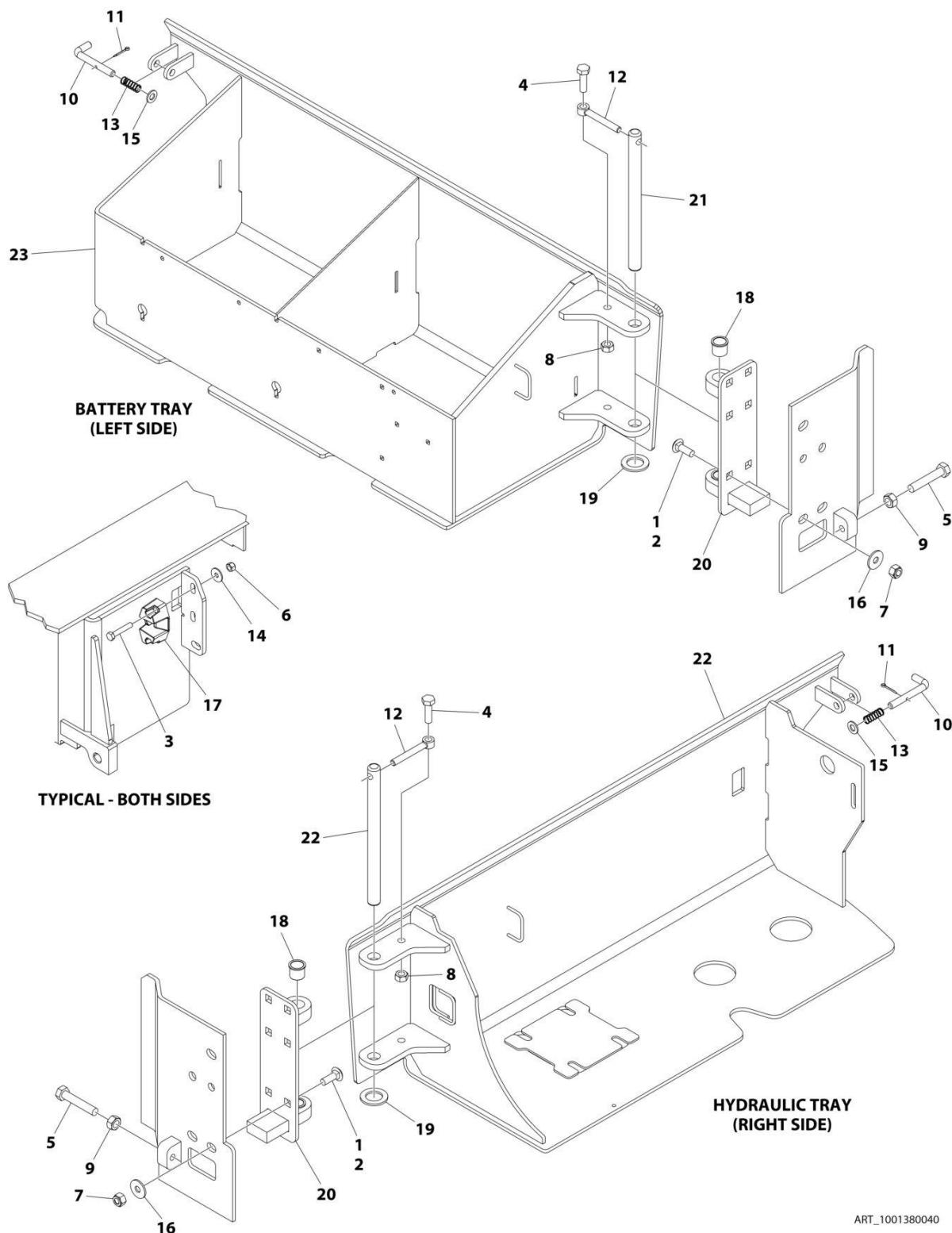
SECTION 2 - GROUND CONTROLS

FIGURE 2-12. INVERTER INSTALLATION (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236132	Ref	INVERTER INSTALLATION (OPTIONAL)	
1	0630587	4	Bolt M6 x 25	
2	0760610	3	Bolt M6 x 20	
3	1321293	3	Clamp	
4	3290405	3	Nut M4	
5	3290605	7	Nut M6	
6	3740150	1	Relay	
7	4240017	AR	Tie-Strap	
8	4360336	1	Switch, Toggle	
9	4811400	3	Washer M4	
10	4811700	8	Washer M6	
11	1001101540	3	Screw M4 x 14	
12	1001125483	1	Decal - Pressure Wash	
13	1001136757	1	Inverter	
14	1001142173	1	Insulate	
15	1001142174	3	Washer 1/8	
16	1001143009	1	Decal - Inverter	
17	1001143010	1	Decal - On/Off Inverter	
18	1001157547	1	Filter, AC	
19	1001210440	1	Support	
20	1001210605	1	Support	
21	1001210878	1	Cable, Battery + to Inverter Contactor	
22	1001210879	1	Cable, Inverter Contactor to Inverter +	
23	1001210881	1	Cable, Inverter to AC Filter	
24	1001210882	1	Cable, AC Filter to AC Plug	
25	1001210967	1	Cable, Pump Control B- to Inverter	
26	1001235954	1	Inverter Harness	
26	4460897	2	Receptacle, Female - 2 Position	
26	4460464	3	Pin, Male	
26	4460466	1	Plug, Terminal	
26	4460418	1	Plug, Male - 6 Position	
26	4460419	2	Terminal	

SECTION 2 - GROUND CONTROLS

FIGURE 2-13. DOORS INSTALLATION



ART_1001380040

SECTION 2 - GROUND CONTROLS

FIGURE 2-13. DOORS INSTALLATION

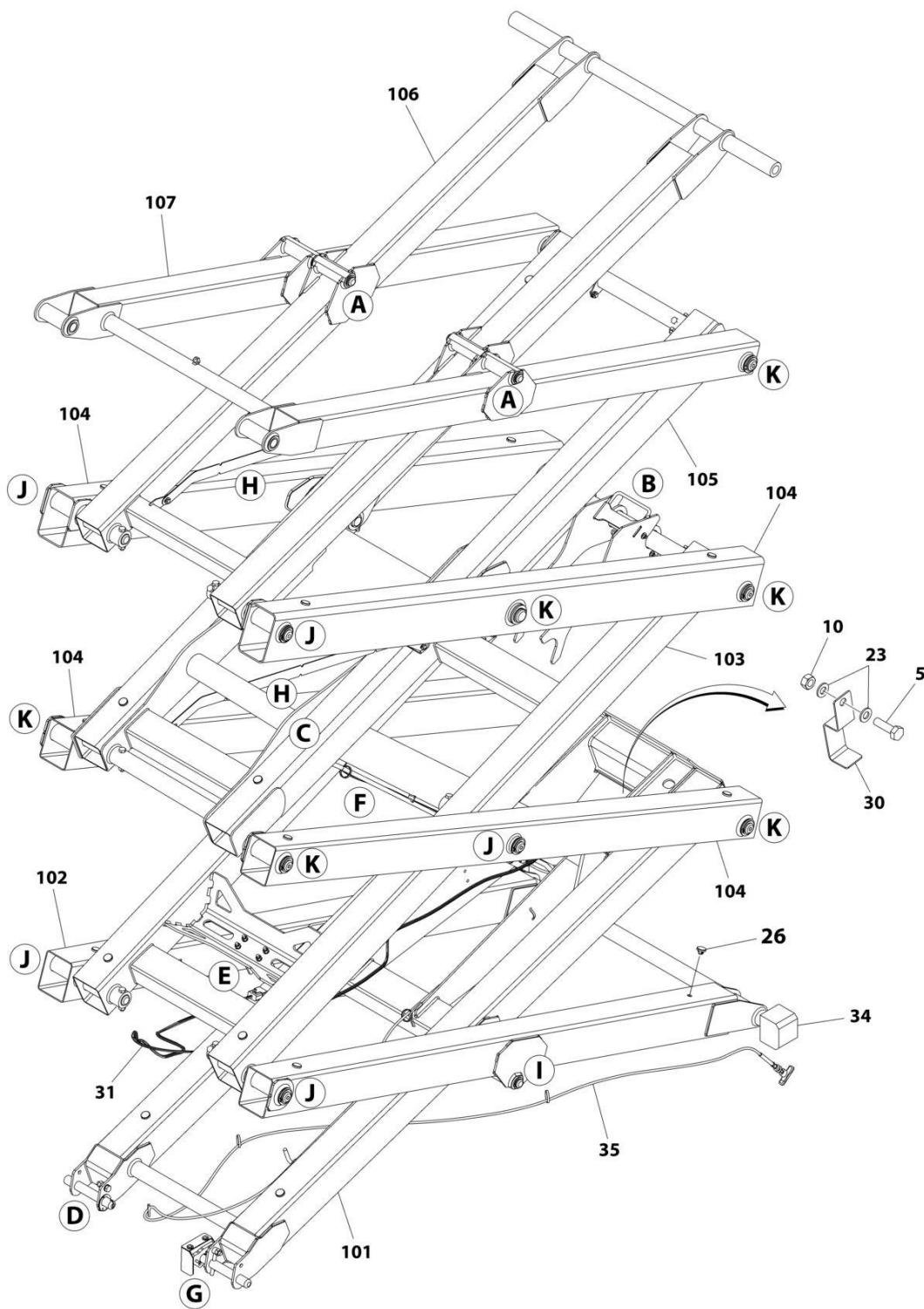
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001380040	Ref	DOORS INSTALLATION	
1	0100011	AR	Compound, Locking	B
2	0630613	10	Bolt M10 x 30	
3	0700817	4	Bolt M8 x 45	
4	0701015	2	Bolt M10 x 35	
5	0761221	2	Bolt M12 x 65	
6	3290805	4	Nut M8	
7	3291005	10	Nut M10	
8	3291007	2	Nut M10	
9	3291201	2	Nut M12	
10	3423243	2	Pin	
11	3450303	2	Pin, Cotter 3/32 x 3/4	
12	3841143	2	Keeper, Pin	
13	4160214	2	Spring	
14	4811902	4	Washer M8	
15	4812000	AR	Washer M10	
16	4812002	10	Washer M10	
17	1001214810	2	Support	
18	1001218573	4	Bearing	
19	1001229792	2	Washer	
20	1001234858	2	Hinge	
21	1001234862	2	Pin	
22	1001380041	1	Tray, Hydraulic	
23	1001380042	1	Tray, Battery	

SECTION 3 - SCISSORS ARMS

SECTION 3 - SCISSORS ARMS

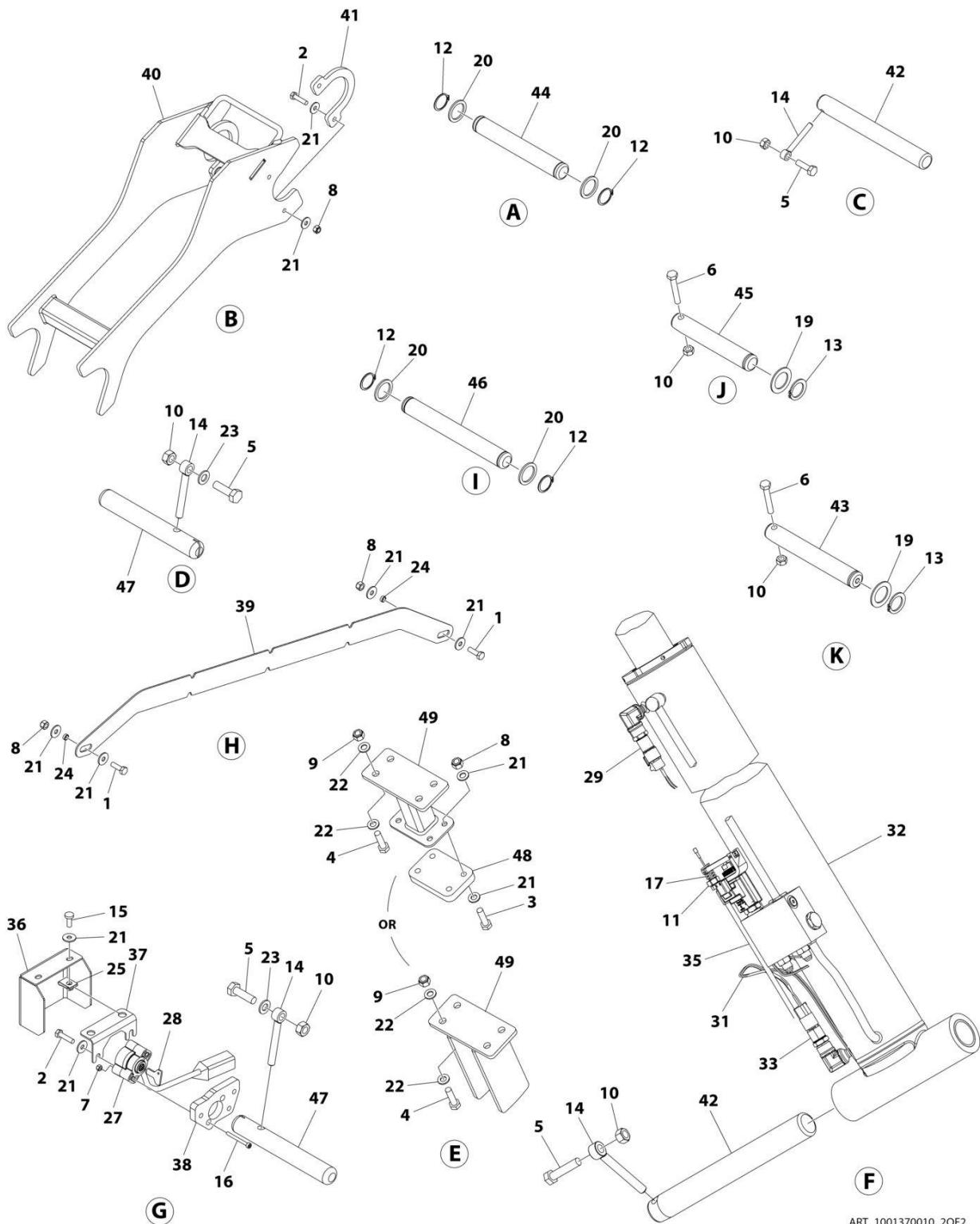
SECTION 3 - SCISSORS ARMS

FIGURE 3-1. SCISSORS ARMS INSTALLATION



ART_1001370010_1OF2

SECTION 3 - SCISSORS ARMS



ART_1001370010_2OF2

SECTION 3 - SCISSORS ARMS

FIGURE 3-1. SCISSORS ARMS INSTALLATION

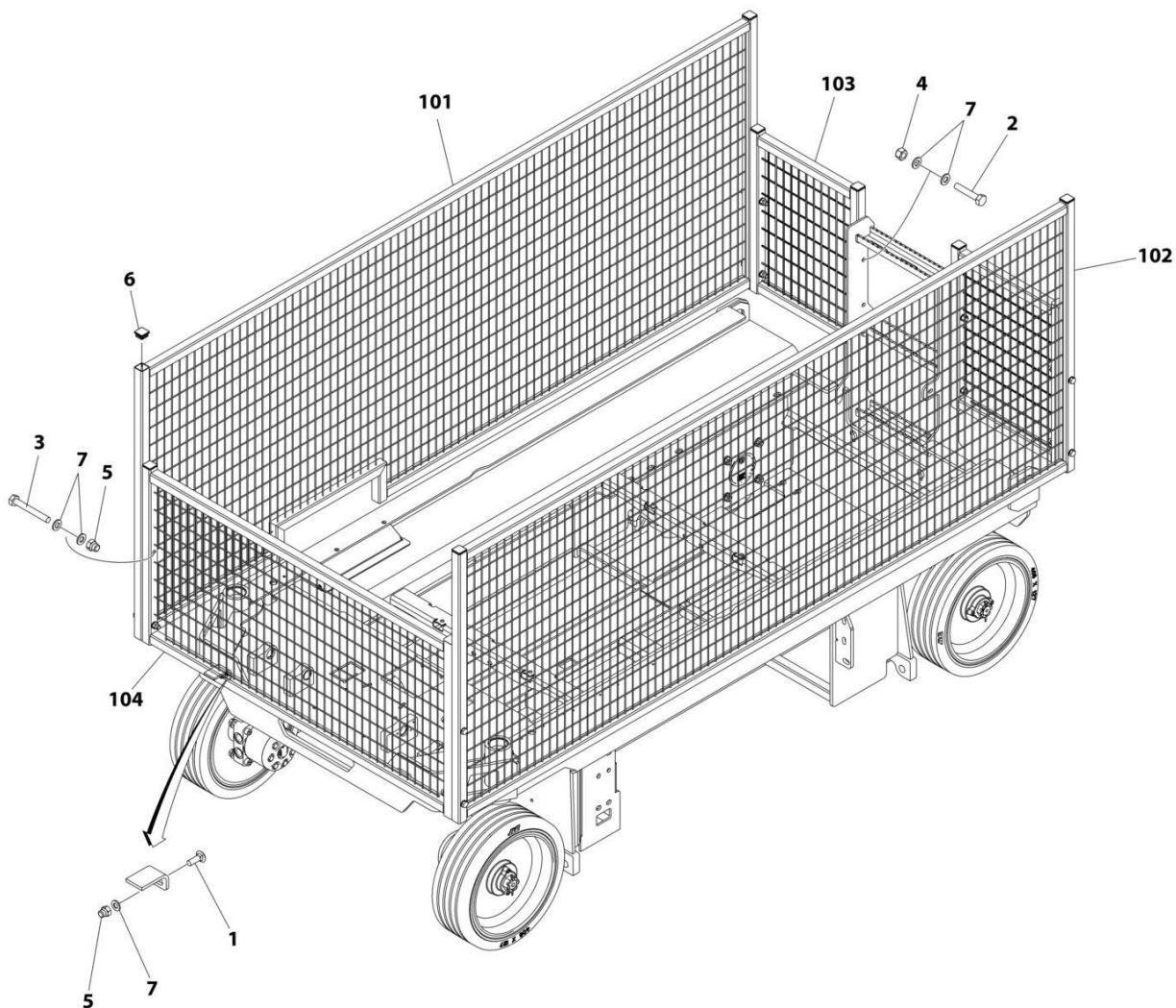
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001370010	Ref	SCISSORS ARMS INSTALLATION	
1	0700610	4	Bolt M6 x 20	
2	0700612	7	Bolt M6 x 25	
3	0700614	4	Bolt M6 x 30 (Prior to SN B200055199)	
4	0700814	4	Bolt M8 x 30	
5	0701015	5	Bolt M10 x 35	
6	0701021	16	Bolt M10 x 65	
7	3290405	2	Nut M4	
8	3290605	12	Nut M6 (Prior to SN B200055199)	
8	3290605	8	Nut M6 (SN B200055199 to Present)	
9	3290805	4	Nut M8	
10	3291007	21	Nut M10	
11	3321402	1	Nut 1/4	
12	3760115	8	Ring, Retaining	
13	3760387	16	Ring, Retaining	
14	3841143	4	Keeper, Pin	
15	4010608	2	Screw M6 x 16	
16	4031512	2	Capscrew M4 x 40	
17	4160078	1	Spring	
18	4240017	AR	Tie-Strap (Not Shown)	
19	4740438	16	Washer	
20	4740531	8	Washer	
21	4811702	29	Washer M6 (Prior to SN B200055199)	
21	4811702	21	Washer M6 (SN B200055199 to Present)	
22	4811900	8	Washer M8	
23	4812000	4	Washer M10	
24	1001128888	4	Washer	
25	1001130220	2	Nut Tinnerman M6	
26	1001137675	24	Bumper	
27	1001146963	1	Sensor, Angle	
28	1001205345	1	Key	
29	1001225164	1	Sensor, Pressure Transducer	
30	1001226791	1	Bracket, Cable	
31	1001233795	1	Lift Down Harness (See Separate Breakdown in ELECTRICAL SECTION)	
32	1001244416	1	Lift Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
33	1001235104	1	Sensor, Pressure Transducer	
34	1001235593	2	Block, Side (Prior to SN B200055199)	
34	1001247707	2	Block, Side (SN B200055199 to Present)	
35	1001236269	1	Cable, Manual Descent	
36	1001236486	1	Cover	
37	1001236487	1	Plate	
38	1001236488	1	Plate	
39	1001237824	2	Plate	
40	1001238684	1	Arm, Prop	
41	1001239479	2	Plate	
42	1001239925	2	Pin	
43	1001239927	10	Pin	
44	1001239928	2	Pin	

SECTION 3 - SCISSORS ARMS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
45	1001239929	6	Pin	
46	1001239930	2	Pin	
47	1001239931	2	Pin	
48	1001242747	1	Pad (Prior to SN B200055199)	
49	1001242984	1	Adapter (Prior to SN B200055199)	
49	1001246674	1	Adapter (SN B200055199 to Present)	
50	4420062	370 mm	Tape	
100	1001241744	1	Arm Kit	
101	1001241737	1	Arm - Inner 1	
101	1001241738	4	Bearing (Not Shown)	
102	1001241738	1	Arm - Outer 2	
102	0440264	4	Bearing - 1 ID (Not Shown)	
102	0440265	4	Bearing - 1-1/4 ID (Not Shown)	
103	1001241739	1	Arm - Inner 2	
104	1001241740	2	Arm - Outer 2 and Outer 3	
104	0440265	6	Bearing (Not Shown)	
105	1001241741	1	Arm - Inner 3	
106	1001241742	1	Arm - Inner 4	
106	0440264	4	Bearing (Not Shown)	
107	1001241743	1	Arm - Outer 4	
107	0440264	8	Bearing - 1 ID (Not Shown)	
107	0440265	4	Bearing - 1-1/4 ID (Not Shown)	
201	0440264	4	Bearing (Part of Frame) (Not Shown)	

SECTION 3 - SCISSORS ARMS

FIGURE 3-2. ARM GUARDS INSTALLATION



ART_1001239674

SECTION 3 - SCISSORS ARMS

FIGURE 3-2. ARM GUARDS INSTALLATION

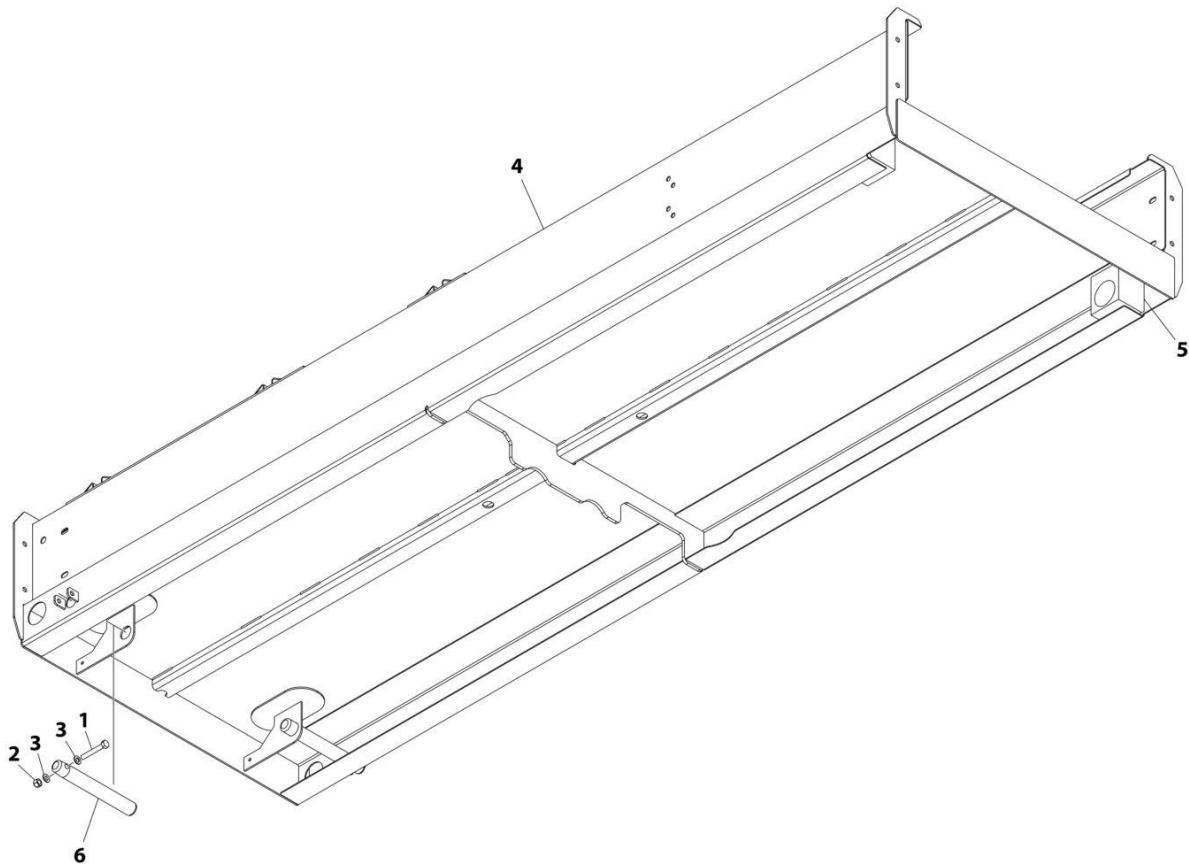
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239674	Ref	ARM GUARD INSTALLATION	
1	0630613	2	Bolt M10 x 30	A
2	0701019	4	Bolt M10 x 55	
3	0701024	8	Bolt M10 x 80	
4	3291005	4	Nut M10	
5	3291006	10	Nut M10	
6	3520072	10	Plug	
7	4812000	26	Washer M10	
100	1001241352	1	Arm Guard Kit (Not Shown)	
101	1001239892	1	Guard, Arm (RH)	
102	1001239894	1	Guard, Arm (LH)	
103	1001241353	2	Guard, Arm (Rear)	
104	1001241358	1	Guard, Arm (Front)	

SECTION 4 - PLATFORM

SECTION 4 - PLATFORM

SECTION 4 - PLATFORM

FIGURE 4-1. PLATFORM INSTALLATION



ART_1001234384

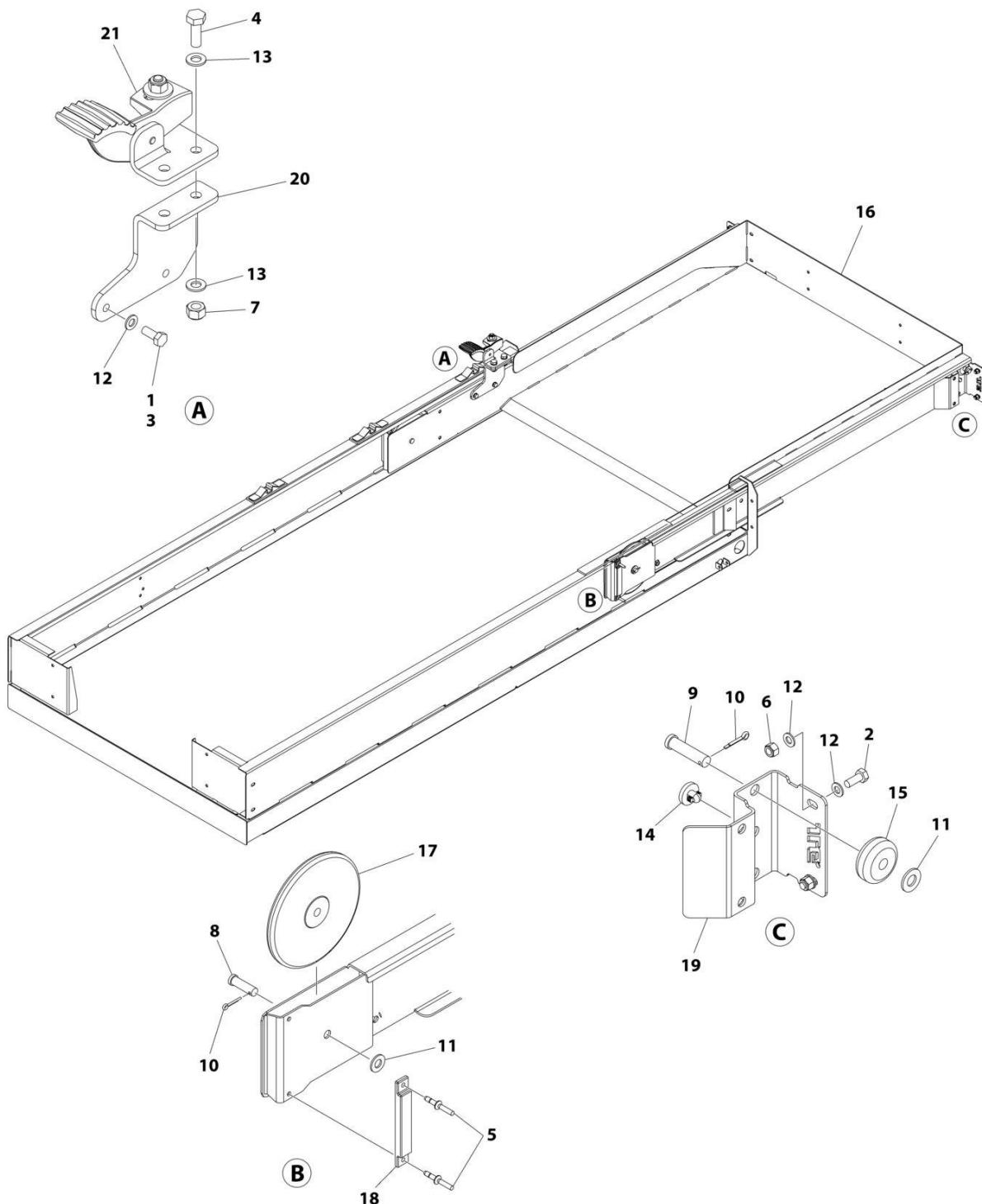
SECTION 4 - PLATFORM

FIGURE 4-1. PLATFORM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001234384	Ref	PLATFORM INSTALLATION	B
1	0700819	2	Bolt M8 x 55	
2	3290805	2	Nut M8	
3	4811900	4	Washer M8	
4	1001235555	1	Platform	
5	1001235592	2	Block, Slide (Prior to SN B200055199)	
5	1001247706	2	Block, Slide (SN B200055199 to Present)	
6	1001239926	2	Pin	

SECTION 4 - PLATFORM

FIGURE 4-2. PLATFORM EXTENSION INSTALLATION



ART_1001234385

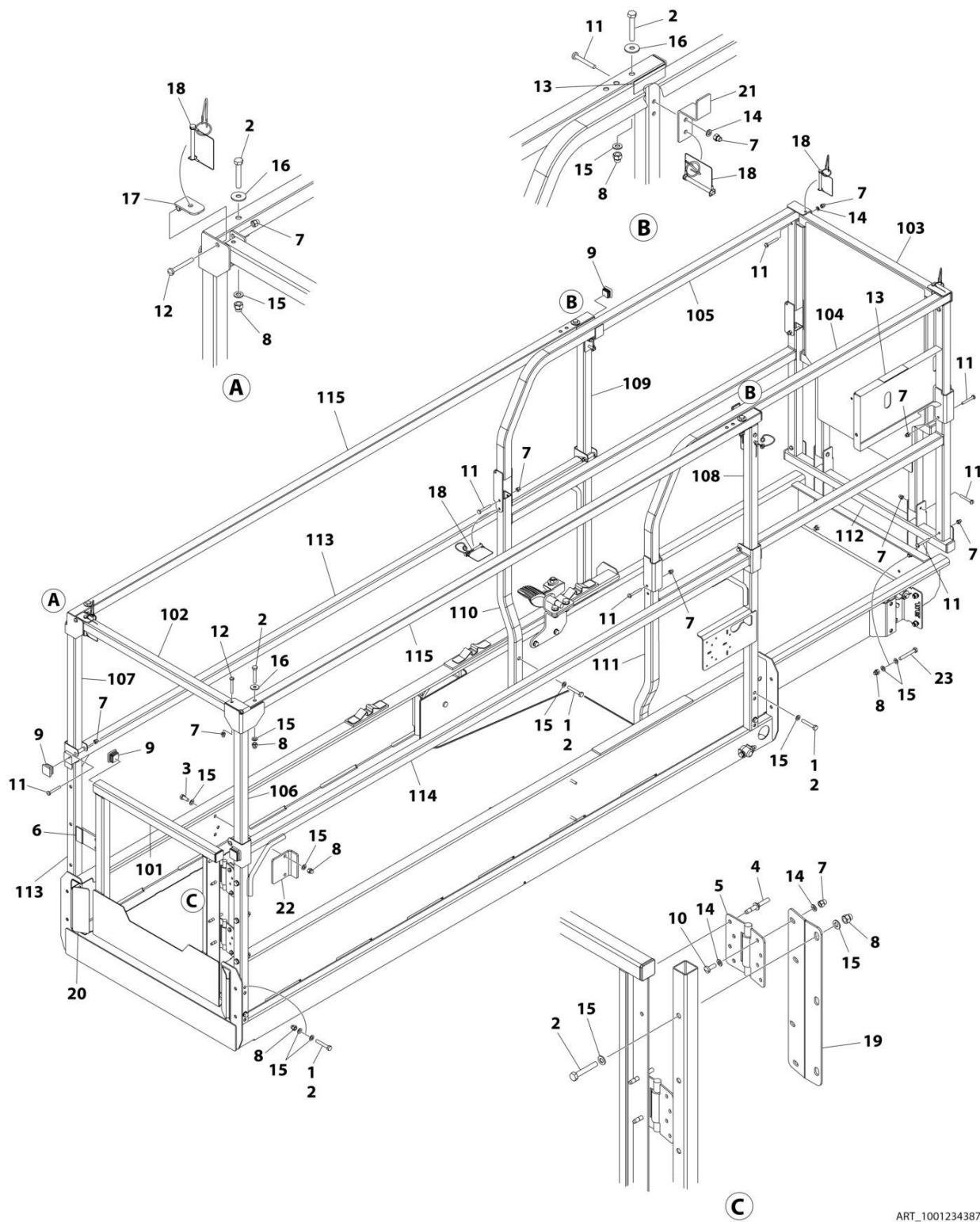
SECTION 4 - PLATFORM

FIGURE 4-2. PLATFORM EXTENSION INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001234385	Ref	PLATFORM EXTENSION INSTALLATION	
1	0100011	AR	Compound, Locking	
2	0760810	4	Bolt M8 x 20	
3	0760812	2	Bolt, M8 x 25	
4	0761014	2	Bolt M10 x 30	
5	2080040	4	Fastener	
6	3290805	4	Nut M8	
7	3291005	2	Nut M10	
8	3430814	2	Pin	
9	3430816	2	Pin	
10	3450403	4	Pin, Cotter	
11	4711800	4	Washer 1/2	
12	4811900	10	Washer M8	
13	4812000	4	Washer M10	
14	1001137675	2	Bumper	
15	1001205422	2	Roller (Front)	
16	1001205424	1	Extension, Platform	
17	1001205430	2	Roller (Rear)	
18	1001208852	2	Pad	
19	1001210064	2	Support	
20	1001213838	1	Bracket	
21	1001234407	1	Latch Assembly	

SECTION 4 - PLATFORM

FIGURE 4-3. RAILS INSTALLATION (SIDE BY SIDE)



ART_1001234387

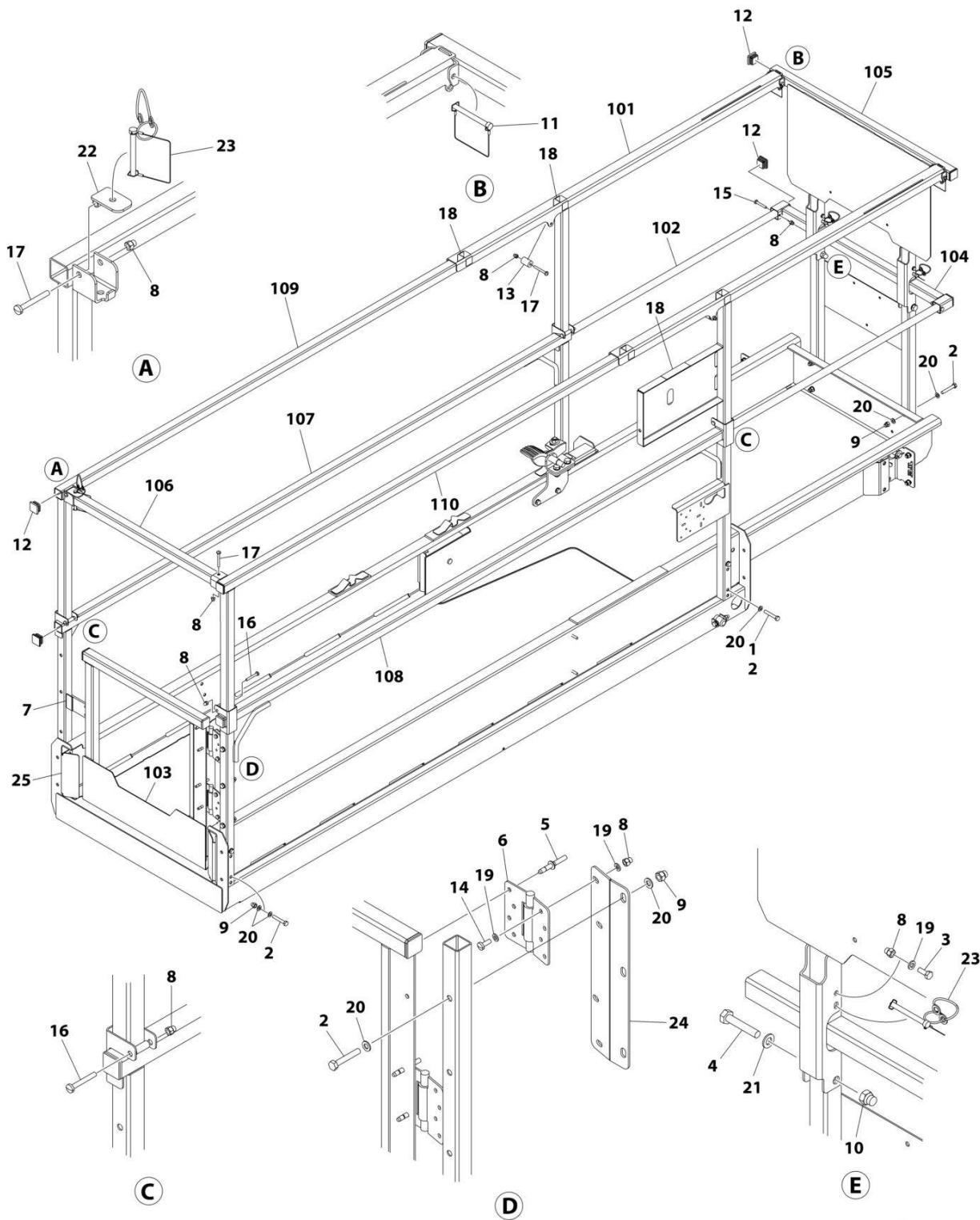
SECTION 4 - PLATFORM

FIGURE 4-3. RAILS INSTALLATION (SIDE BY SIDE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001234387	Ref	RAILS INSTALLATION (SIDE BY SIDE)	
1	0100011	AR	Compound, Locking	
2	0700818	19	Bolt M8 x 50	
3	0760810	2	Bolt M8 x 20	
4	2080040	4	Fastener	
5	2600281	2	Hinge	
6	3080007	1	Magnet, Gate	
7	3290606	22	Nut M6	
8	3290806	17	Nut M8	
9	3520072	12	Plug	
10	4010608	4	Screw M6 x 16	
11	4010617	16	Screw M6 x 45	
12	4010618	2	Screw M6 x 50	
13	4420062	15 in/ 37cm	Tape	
14	4811700	12	Washer M6	
15	4811900	42	Washer M8	
16	4811902	4	Washer M8	
17	1001154378	1	Bracket	
18	1001187587	6	Pin, Snap with Lanyard	
19	1001210586	1	Support	
20	1001210963	2	Cover	
21	1001232257	2	Brace	
22	1001232622	1	Bracket	
23	0700820	4	Bolt M8 x 60	
24	1001156186	4	Plug, Hole	
100	1001236624	1	Rail Kit (Not Shown)	
101	1001210302	1	Gate	
102	1001210458	1	Tube, Rear Top	
103	1001229732	1	Rail, Extension Front (Upper)	
104	1001229733	1	Rail, Extension Side (RH)	
105	1001229734	1	Rail, Extension Side (LH)	
106	1001229739	1	Rail Rear (Upper RH)	
107	1001229740	1	Rail Rear (Upper LH)	
108	1001229741	1	Rail Front (Upper RH)	
109	1001229742	1	Rail Front (Upper LH)	
110	1001230248	1	Tube, Rail (Lower LH)	
111	1001230249	1	Tube, Rail (Lower RH)	
112	1001231405	1	Tube, Extension (Lower)	
113	1001234006	1	Rail Rear (Lower LH)	
114	1001234007	1	Rail Rear (Lower RH)	
115	1001235286	2	Rail, Side Top	

SECTION 4 - PLATFORM

FIGURE 4-4. RAILS INSTALLATION (TUBE IN TUBE)



ART_1001234386

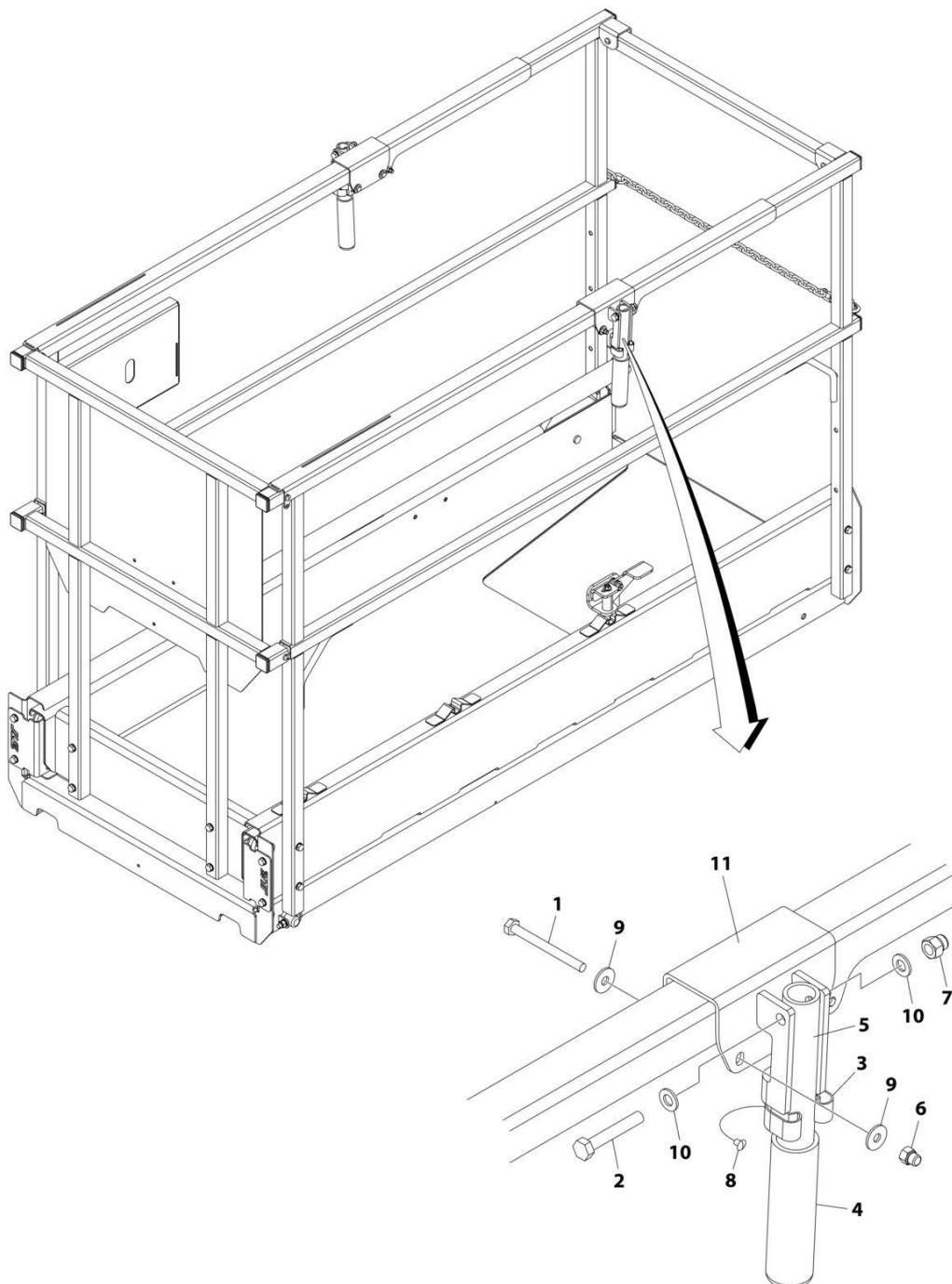
SECTION 4 - PLATFORM

FIGURE 4-4. RAILS INSTALLATION (TUBE IN TUBE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001234386	Ref	RAILS INSTALLATION (TUBE IN TUBE)	
1	0100011	AR	Compound, Locking	
2	0700818	15	Bolt M8 x 50	
3	0760608	2	Bolt M6 x 16	
4	0761019	2	Bolt M10 x 55	
5	2080040	4	Fastener	
6	2600281	2	Hinge	
7	3080007	1	Magnet, Gate	
8	3290606	16	Nut M6	
9	3290806	11	Nut M8	
10	3291006	2	Nut M10	
11	3422219	2	Pin, Snap	
12	3520072	10	Plug	
13	3860111	2	Roller	
14	4010608	4	Screw M6 x 16	
15	4010616	2	Screw M6 x 40	
16	4010617	4	Screw M6 x 45	
17	4010618	4	Screw M6 x 50	
18	4420062	16 in/ 40cm	Tape	
19	4811700	10	Washer M6	
20	4811900	30	Washer M8	
21	4812000	2	Washer M10	
22	1001154378	1	Bracket	
23	1001187587	3	Pin, Snap with Lanyard	
24	1001210586	1	Support	
25	1001210963	2	Cover	
100	1001236623	1	Rail Kit (Not Shown)	
101	1001206225	1	Rail, Extension Top	
102	1001206226	1	Rail, Extension MID	
103	1001210302	1	Gate	
104	1001210446	1	Rail, Extension MID Front	
105	1001210447	1	Rail, Extension Top Front	
106	1001210458	1	Tube, Rear Top	
107	1001234006	1	Rail, Side MID (LH)	
108	1001234007	1	Rail, Side MID (RH)	
109	1001234141	1	Rail, Side Top (LH)	
110	1001234142	1	Rail, Side Top (RH)	

SECTION 4 - PLATFORM

FIGURE 4-5. EXTENSION HANDLES INSTALLATION (OPTIONAL)



ART_1001222587

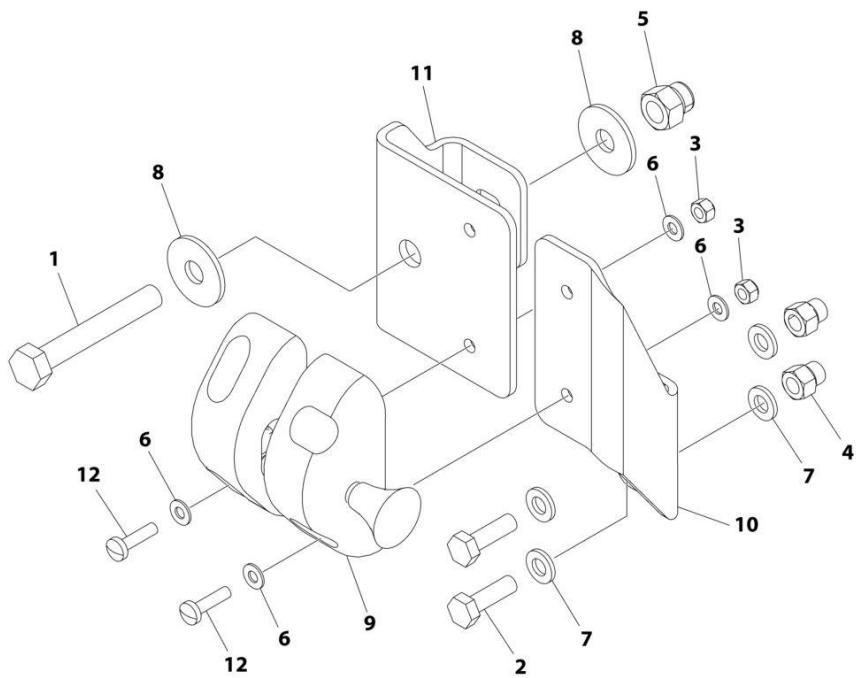
SECTION 4 - PLATFORM

FIGURE 4-5. EXTENSION HANDLES INSTALLATION (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222587	Ref	HANDLE EXTENSION INSTALLATION (OPTIONAL)	
1	0700621	4	Bolt M6 x 65	
2	0700818	2	Bolt M8 x 50	
3	1380132	2	Clip	
4	2560088	2	Grip, Handle	
5	2560190	2	Handle	
6	3290606	2	Nut M6	
7	3290806	2	Nut M8	
8	3820019	2	Rivet	
9	4811702	8	Washer M6	
10	4811900	4	Washer M8	
11	1001216823	2	Bracket	

SECTION 4 - PLATFORM

FIGURE 4-6. GATE LATCH INSTALLATION - OPTIONAL



ART_1001220995

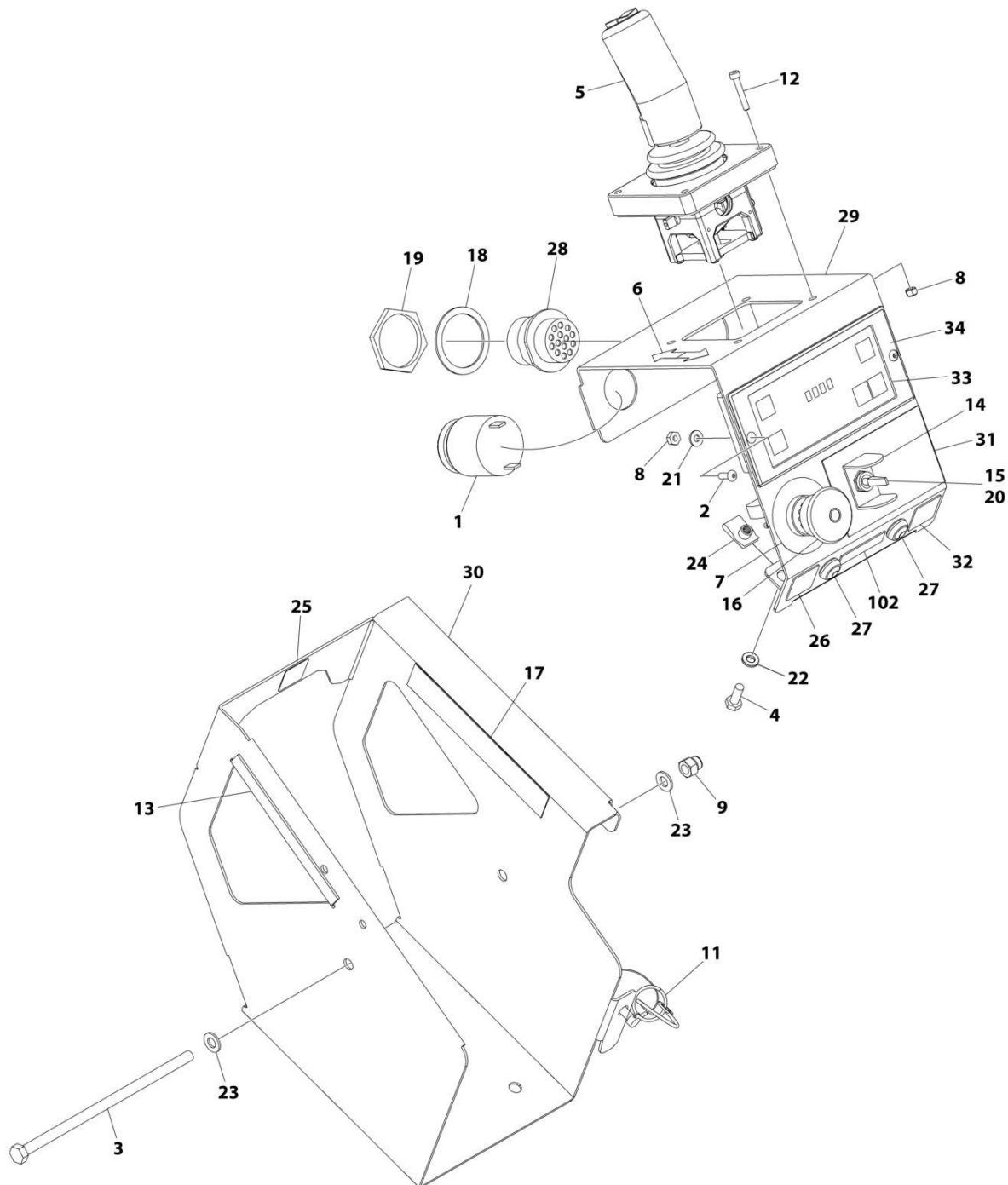
SECTION 4 - PLATFORM

FIGURE 4-6. GATE LATCH INSTALLATION - OPTIONAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220995	Ref	GATE LATCH INSTALLATION	
1	0700819	1	Bolt M8 x 55	
2	0760610	2	Bolt M6 x 20	
3	3290405	4	Nut M4	
4	3290606	2	Nut M6	
5	3290806	1	Nut M8	
6	4811400	8	Washer M4	
7	4811700	4	Washer M6	
8	4811902	2	Washer M8	
9	1001134821	1	Latch	
10	1001220409	1	Mount	
11	1001220410	1	Plate	
12	4010408	4	Screw M4 x 16	

SECTION 4 - PLATFORM

FIGURE 4-7. PLATFORM CONSOLE INSTALLATION



ART_1001236880

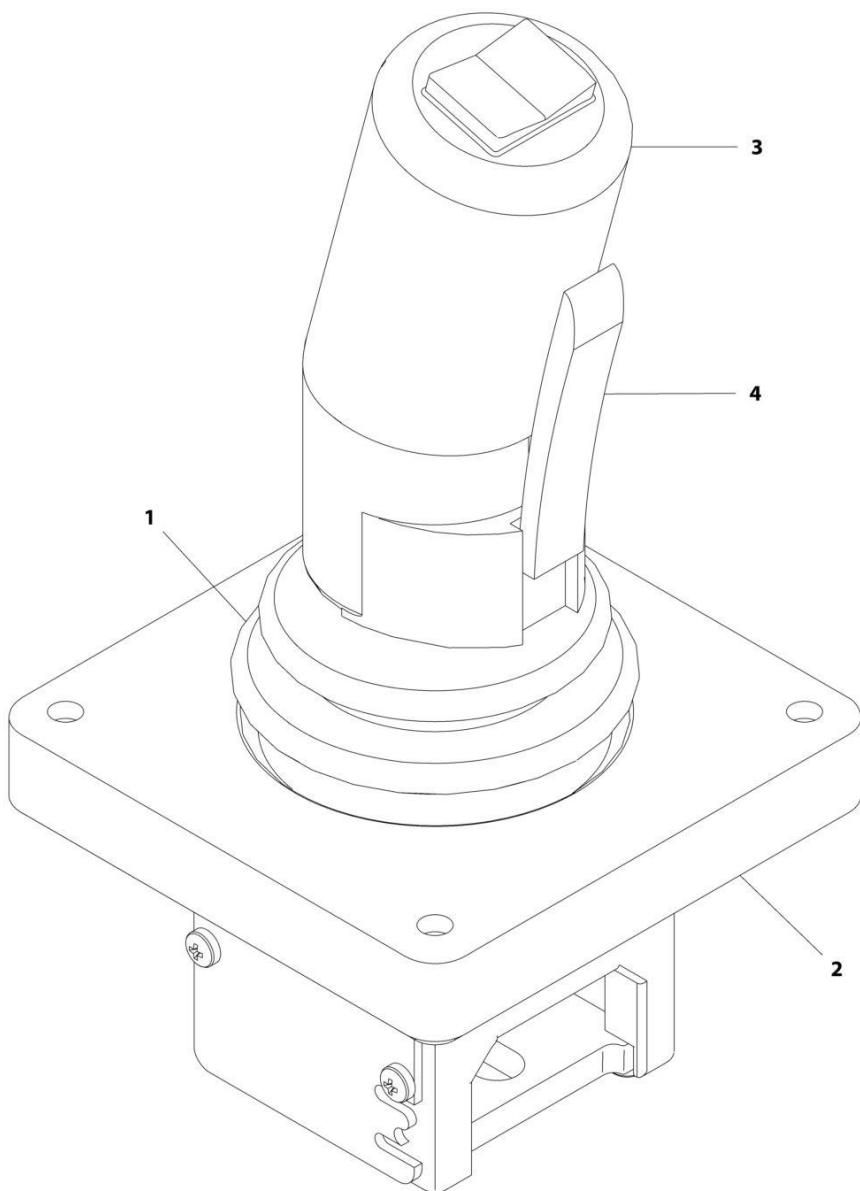
SECTION 4 - PLATFORM

FIGURE 4-7. PLATFORM CONSOLE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236880	Ref	PLATFORM CONTROL BOX INSTALLATION	
1	0140030	1	Alarm	
2	1001047064	2	Screw	
3	0700835	1	Bolt M8 x 180	
4	0760610	2	Bolt M6 x 20	
5	1600402	1	Controller Assembly (See Separate Breakdown in this Section)	
6	1703819	1	Decal - Arrow	
7	1704260	1	Decal - Emergency Stop	
8	3290405	6	Nut M4	
9	3290806	1	Nut M8	
11	3423278	1	Pin, Snap with Lanyard	
12	4031509	4	Capscrew M4 x 25	
13	4060803	6 in/14cm	Flex-Trim	
14	4060906	1	Guard, Switch	
15	4360345	1	Switch, Toggle	
16	4360475	1	Switch, Emergency Stop	
16	7020175	1	Cap	
16	7020176	1	Block, Contact	
17	4420062	12 in/ 30cm	Tape	
18	4460496	1	Washer, Terminal	
19	4460497	1	Nut, Terminal	
20	4711700	1	Washer 7/16	
21	4811400	2	Washer M4	
22	4811700	2	Washer M6	
23	4811900	2	Washer M8	
24	1001130220	2	Nut, Tinnerman M6	
25	1001132358	1	Decal - Steer	
26	1001132361	1	Decal - Horn	
27	1001200633	2	Switch, Push Button	
28	1001200819	1	Platform Control Box Harness (Not Shown) (See Separate Breakdown in ELECTRICAL SECTION)	
29	1001209595	1	Plate, Box (Inside)	
30	1001209596	1	Plate, Box (Outside)	
31	1001213491	1	Decal - Lift/Drive Function	
32	1001213886	1	Decal - Indoor/Outdoor	
33	1001218285	1	Decal - Platform Control	
34	1001228112	1	Module, Platform Control	
	1001224868	1	PLATFORM CONTROL BOX INSTALLATION	D
102	1001219173	1	Decal - 1532R/1932R/2632R	

SECTION 4 - PLATFORM

FIGURE 4-8. DRIVE/STEER CONTROLLER ASSEMBLY



ART_1600402

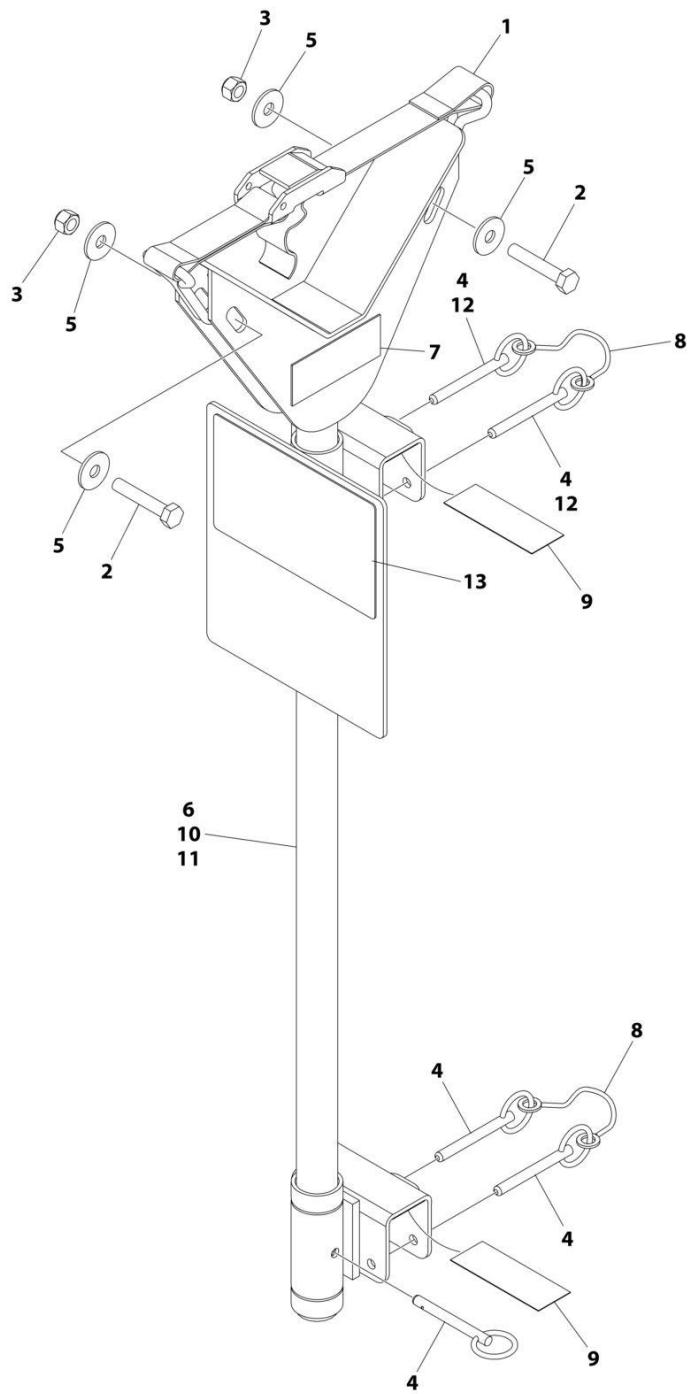
SECTION 4 - PLATFORM

FIGURE 4-8. DRIVE/STEER CONTROLLER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1600402	Ref	DRIVE/STEER CONTROLLER ASSEMBLY	
1	70001250	1	Boot, Panel	A
2	70001252	1	Gasket, Mounting	
2	70001251	1	Bezel, Mounting	
3	70003650	1	Handle Repair Kit (Includes handle gasket, item#4 push button and item #4 lever installed in front handle half, back handle half, top actuator, boot and hardware.)	
3	70000084	1	Cap, Rubber	
3	70000082	1	Microswitch	
3	7027766	1	Ring, Retaining	
3	7027365	1	Actuator, Handle	
3	70001253	1	Gasket, Handle	
3	70000683	4	Washer, Neoprene	
3	70000685	2	Spacer, Plastic	
3	70000686	2	Screw (Top)	
3	70000684	2	Screw (Bottom)	
4	7027367	1	Switch, Push Button	
4	7027765	1	Lever, Enable	

SECTION 4 - PLATFORM

FIGURE 4-9. PIPE RACKS INSTALLATION (SIDE BY SIDE RAILS) (OPTIONAL)



ART_1001214229

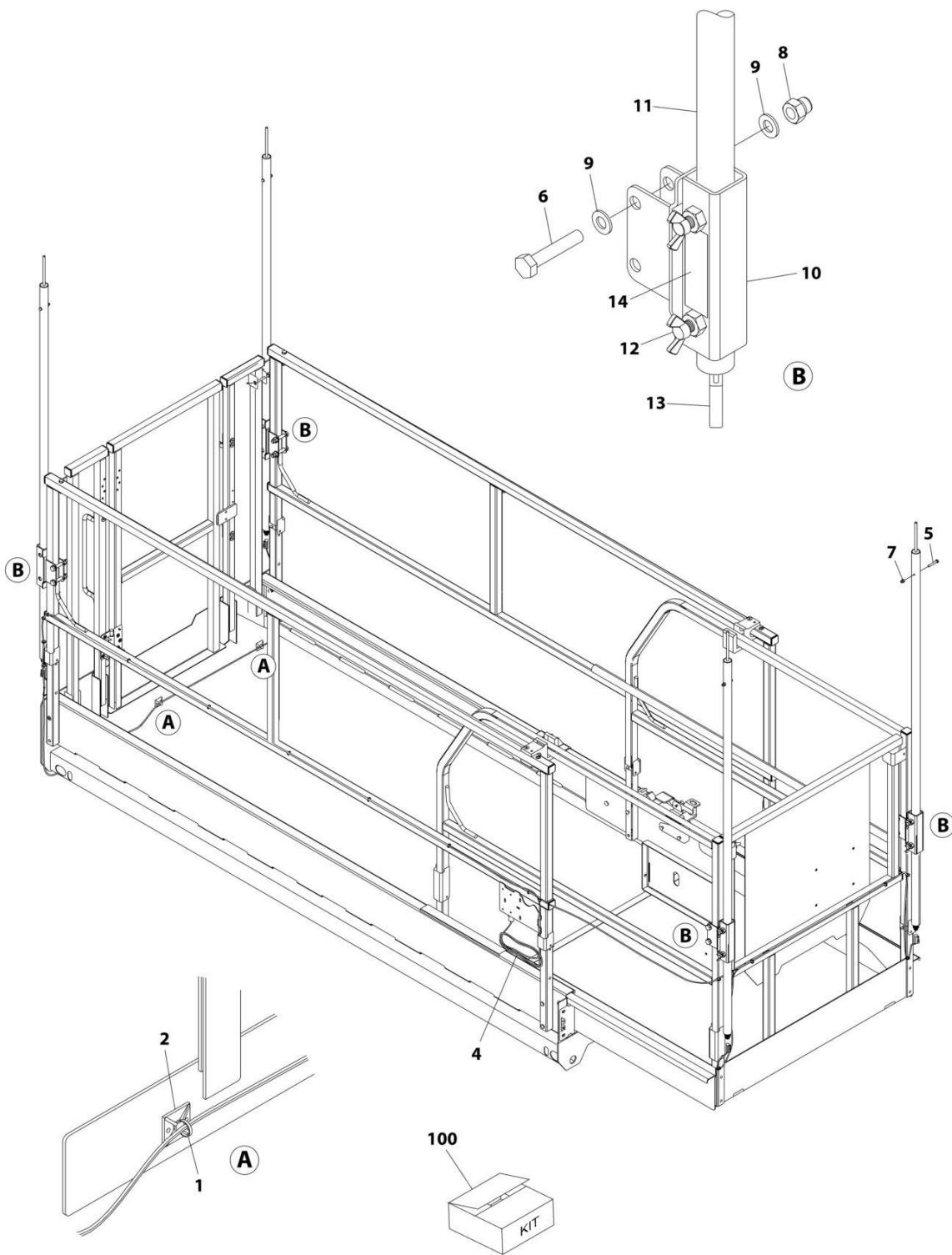
SECTION 4 - PLATFORM

FIGURE 4-9. PIPE RACKS INSTALLATION (SIDE BY SIDE RAILS) (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001214229	Ref	PIPE RACKS INSTALLATION (SIDE BY SIDE RAILS) (OPTIONAL)	
1	0480100	2	Strap	B
2	0700817	4	Bolt M8 x 45	
3	3290805	4	Nut M8	
4	3422661	AR	Pin	
5	4811902	8	Washer M6	
6	4845582	2	Rack, Tube	
7	1001220892	2	Decal - Tube Rack Capacity	
8	1060379	4	Lanyard	
9	4420062	AR	Tape	
10	1001235498	1	Rack, Tube (Rear)	
11	1001235509	1	Rack, Tube (Front)	
12	1001235941	2	Pin	
13	1001236621	2	Decal - Pipe Rack Capacity	

SECTION 4 - PLATFORM

FIGURE 4-10. OVERHEAD PROTECTION INSTALLATION (KOREAN SPECS)



ART_1001226901

SECTION 4 - PLATFORM

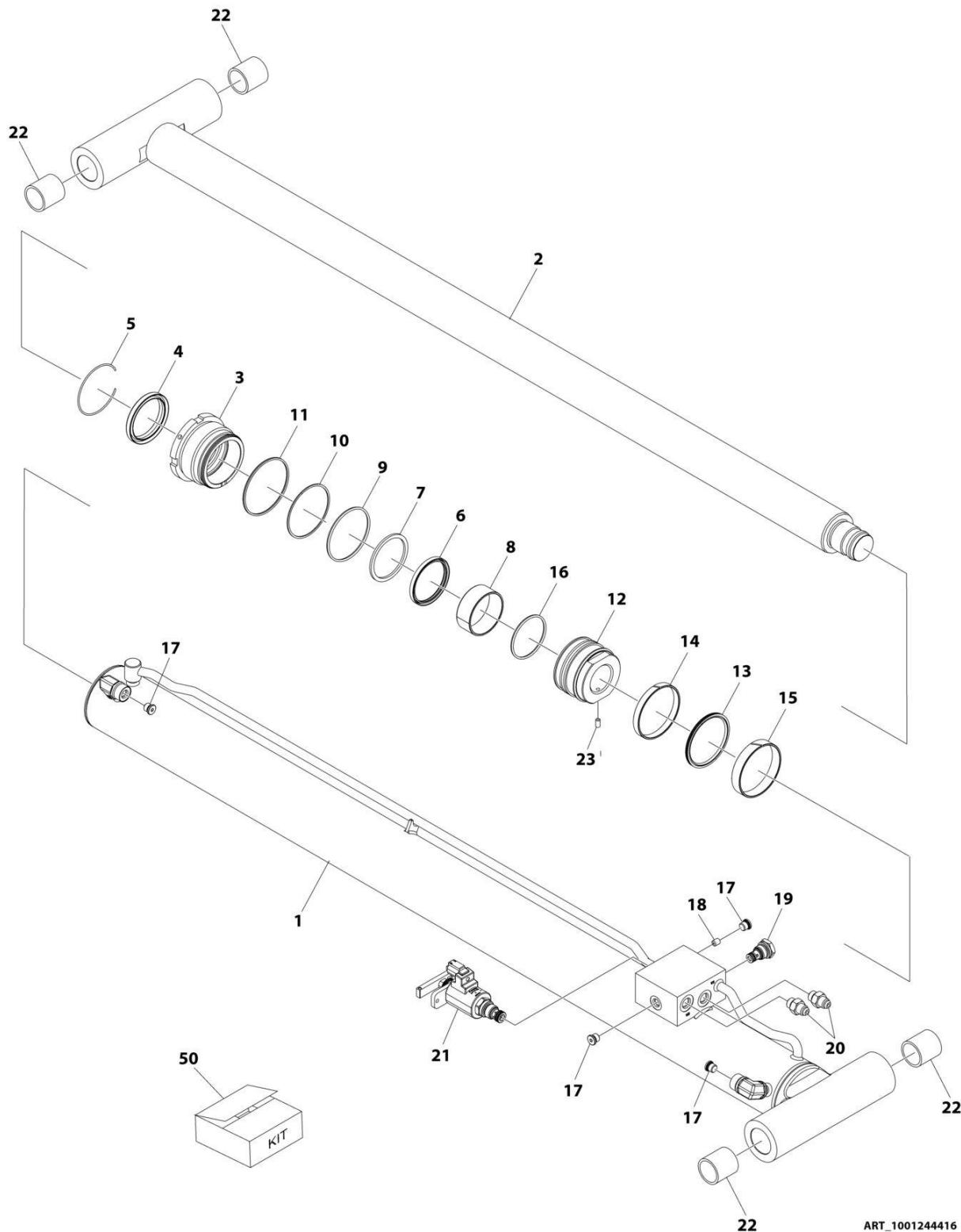
FIGURE 4-10. OVERHEAD PROTECTION INSTALLATION (KOREAN SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226901	Ref	OVERHEAD PROTECTION INSTALLATION (KOREAN SPECS)	
1	4240017	AR	Tie-Strap	A
2	4460234	2	Mount, Tie-Strap	
4	1001227728	1	Overhead Protection Harness	A
4	4460891	4	Plug, Male - 2 Position (X503-X506)	
4	4460465	8	Socket, Female	
4	4460536	1	Receptacle, Female - 3 Position (X507)	
4	4460464	2	Pin, Male	
4	4460466	1	Plug, Terminal	
5	0700616	4	Bolt M6 x 40	
6	0701019	8	Bolt M10 x 55	
7	3290606	4	Nut M6	
8	3291006	8	Nut M10	
9	4812000	16	Washer M10	
10	1001221275	4	Bracket	
11	1001221276	4	Tube	
12	1001222914	8	Thumb Screw	
13	1001226277	4	Switch, Overhead Protection	
14	1001228184	1	Decal - Overhaed Protection Weight	
100	1001221244	1	Overhead Protection Kit (Includes Items 5-14)	

SECTION 5 - CYLINDER

SECTION 5 - CYLINDER

FIGURE 5-1. LIFT CYLINDER ASSEMBLY



SECTION 5 - CYLINDER

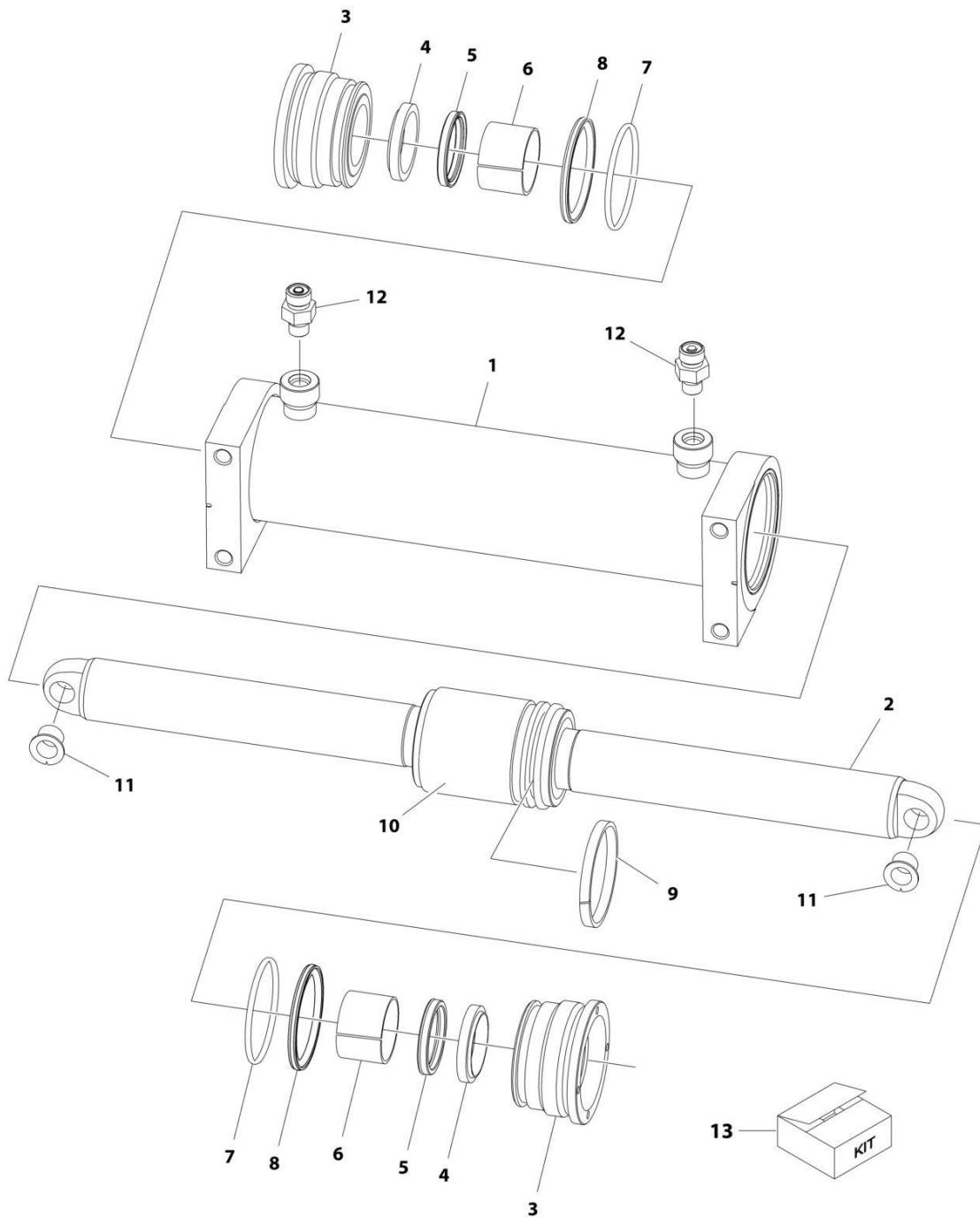
FIGURE 5-1. LIFT CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244416	Ref	LIFT CYLINDER ASSEMBLY	
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Purchase Complete Cylinder)	
2	70007101	1	Rod	
3	70007102	1	Head	
4	See Note	NSS	Wiper	
5	70027244	1	Ring, Retaining	
6	See Note	NSS	Seal	
7	See Note	NSS	Ring, Back-up	
8	70007103	1	Bearing	
9	See Note	NSS	O-Ring	
10	See Note	NSS	Ring, Back-up	
11	See Note	NSS	O-Ring	
12	70007104	1	Piston	
13	See Note	NSS	Seal, Piston	
14	See Note	NSS	Ring, Wear	
15	See Note	NSS	Ring, Wear	
16	See Note	NSS	O-Ring	
17	2220883	4	Plug	
18	70007055	1	Orifice	
19	70004585	1	Valve, Cartridge - Check	
20	2220371	1	Fitting, Straight - JIC/ORB	
21	70005236	1	Valve, Cartridge - Manual Descent (Includes Lever & Spring)	
22	0962006	4	Bearing	
23	70007105	1	Setscrew M6 x 12	
50	70007106	1	Seal Kit - 1001244416 Cylinder (Includes Items 4.,6,7, 9-11 & 13-16)	D

SECTION 5 - CYLINDER

FIGURE 5-2. STEER CYLINDER ASSEMBLY

NOTE: IDENTIFY THE PART NUMBER
STAMPED ON CYLINDER BEFORE ORDERING PARTS.



ART_1001179447

SECTION 5 - CYLINDER

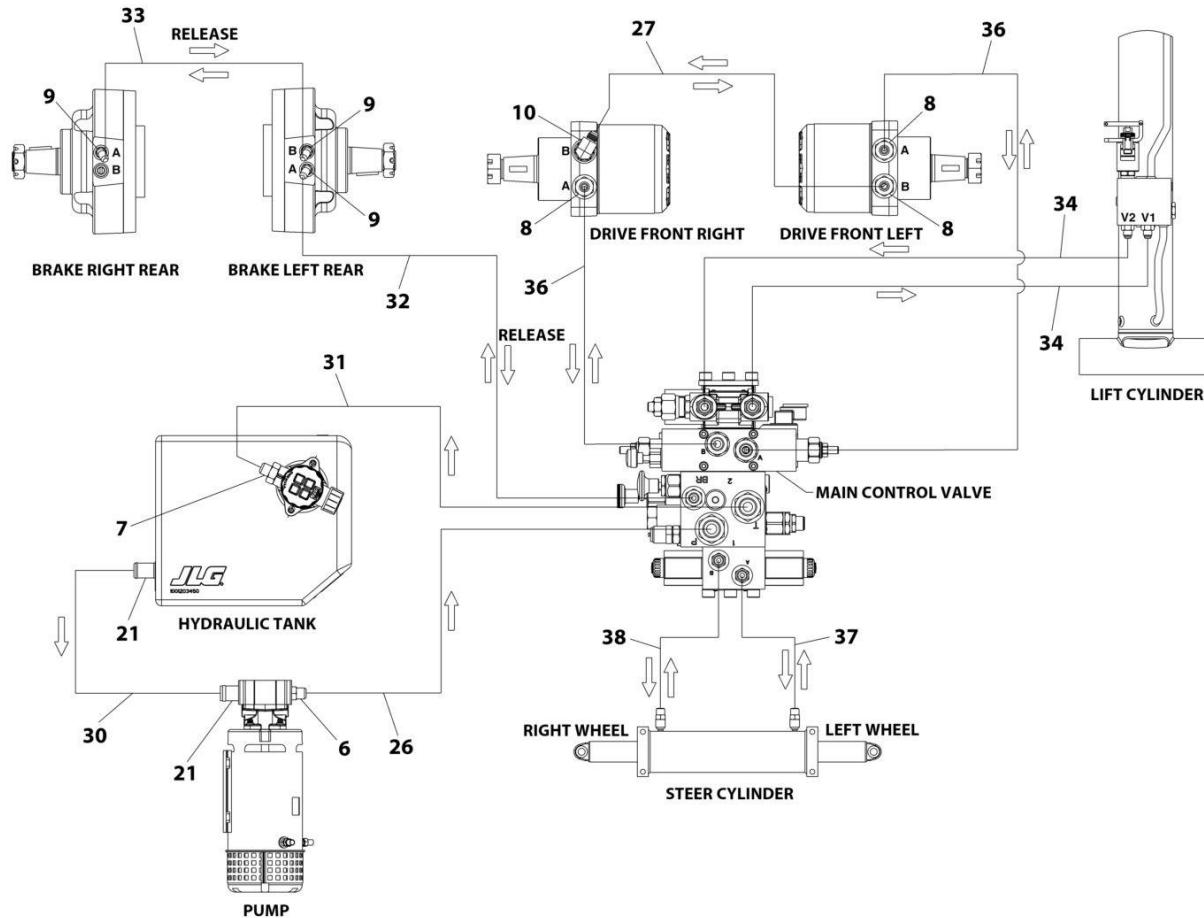
FIGURE 5-2. STEER CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179447	Ref	STEER CYLINDER ASSEMBLY (SH-PAC)	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70005421	1	Barrel	
2	70005420	1	Rod	
3	70004241	2	Head	
4	See Note	NSS	Wiper (Note: Use Item 13)	
5	See Note	NSS	Seal, Rod (Note: Use Item 13)	
6	See Note	NSS	Ring, Wear (Note: Use Item 13)	
7	See Note	NSS	O-Ring (Note: Use Item 13)	
8	See Note	NSS	Ring, Back-up (Note: Use Item 13)	
9	See Note	NSS	Seal, Piston (Note: Use Item 13)	
10	70005419	1	Spacer	
11	0440259	2	Bearing, Flange	
12	2110404	2	Fitting, Straight ORFS/ORB	
13	70004239	1	Seal Kit - 1001179447 Cylinder (Includes Items 4-9)	

SECTION 6 - HYDRAULIC

SECTION 6 - HYDRAULIC

FIGURE 6-1. HYDRAULIC COMPONENTS INSTALLATION



ART_1001370008_2OF2

SECTION 6 - HYDRAULIC

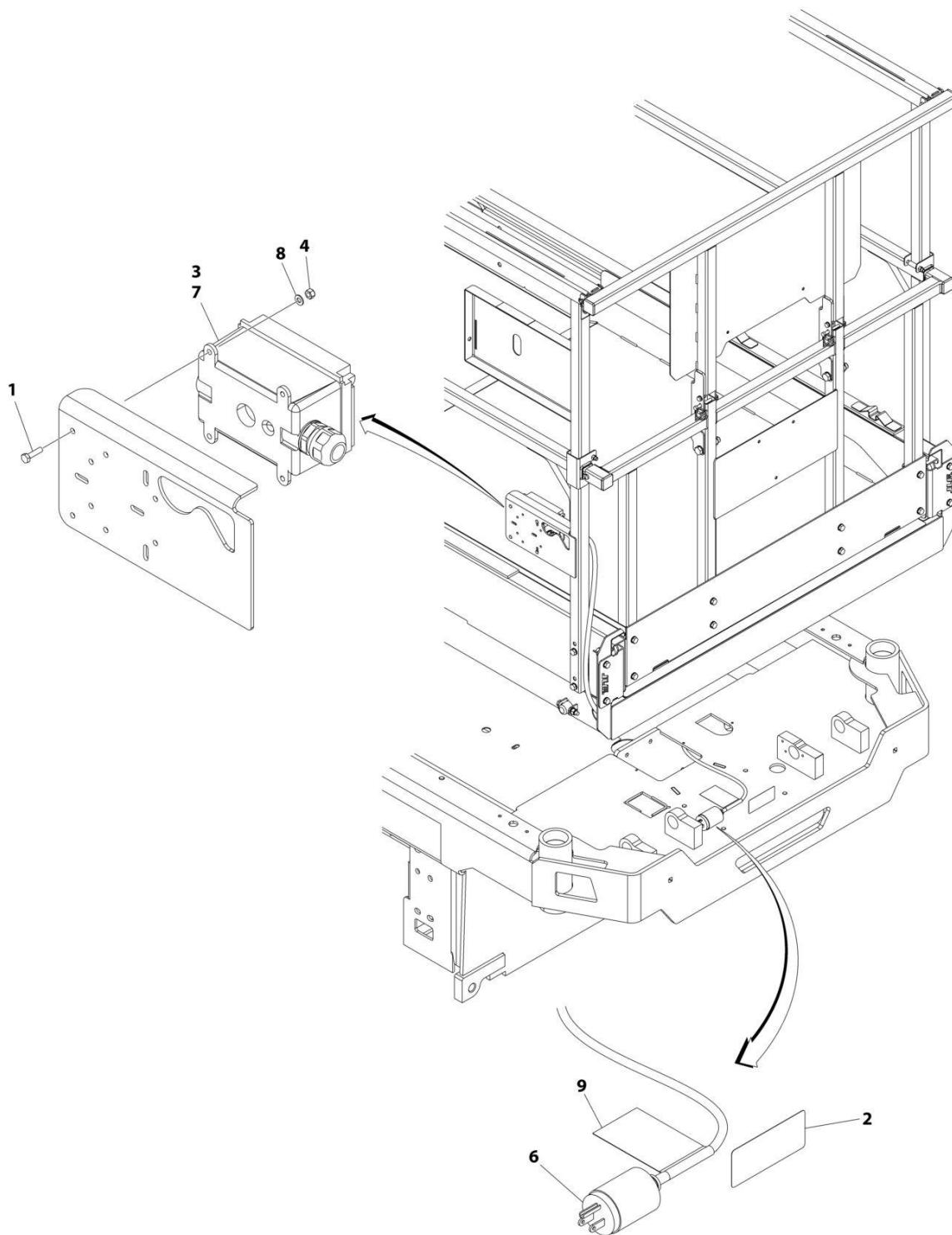
FIGURE 6-1. HYDRAULIC COMPONENTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001370008	Ref	HYDRAULIC COMPONENTS INSTALLATION	
6	2220373	1	Fitting, Straight - JIC/ORB	
7	2220375	1	Fitting, Straight - JIC/ORB	
8	2220497	3	Fitting, Straight - JIC/ORB	
9	2220502	3	Fitting, 45 - JIC/ORB	
10	2220628	1	Fitting, 90 - JIC/ORB	
21	1001143501	2	Clamp, T-Bolt Heavy Duty	
26	1001203836	1	Hose	
27	1001203846	1	Hose	
30	1001247627	1	Hose	
31	1001236801	1	Hose	
32	1001236802	1	Hose	
33	1001236803	1	Hose	
34	1001236809	2	Hose	
36	1001242230	2	Hose	
37	1001243487	1	Hose	
38	1001243488	1	Hose	

SECTION 7 - ELECTRICAL

SECTION 7 - ELECTRICAL

FIGURE 7-1. AC BOX AT PLATFORM INSTALLATION - 110V GFI (ALL SPECS EXCEPT AUSTRALIAN & CE SPECS)



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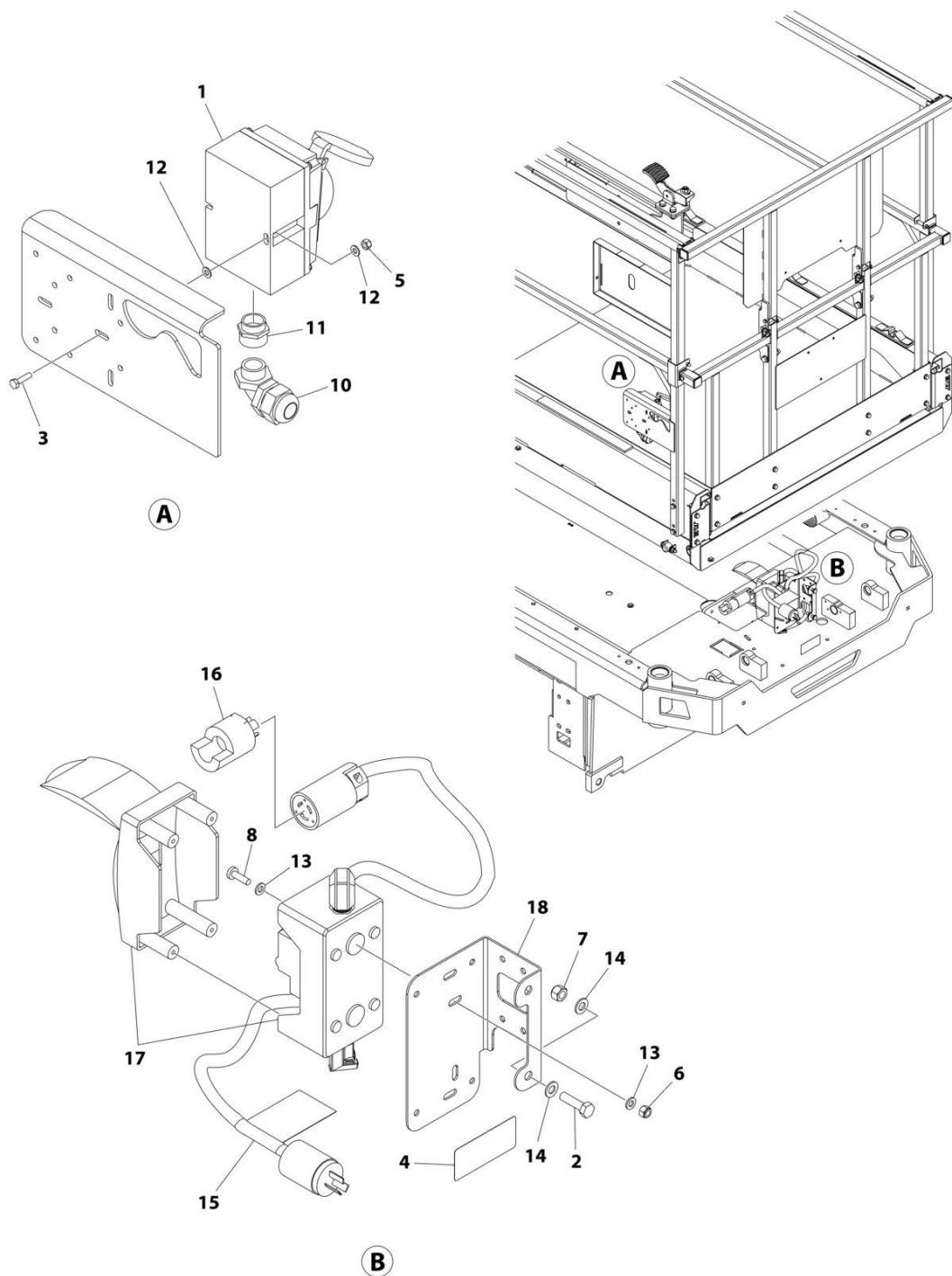
SECTION 7 - ELECTRICAL

FIGURE 7-1. AC BOX AT PLATFORM INSTALLATION - 110V GFI (ALL SPECS EXCEPT AUSTRALIAN & CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237400	Ref	AC BOX AT PLATFORM INSTALLATION - 110V GFI	
1	0760408	4	Bolt M4 x 16	
2	1703464	1	Decal - AC Power	
3	2902431	1	Receptacle Box Kit (See Separate Breakdown in this Section)	
4	3290405	4	Nut M4	
5	4240017	AR	Tie-Strap (Not Shown)	
6	4460138	1	Plug, Male - AC	
7	4460315	1	Terminal	
8	4811400	4	Washer M4	
9	1001102258	1	Decal - AC Label	

SECTION 7 - ELECTRICAL

FIGURE 7-2. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE SPECS)



ART_1001238133

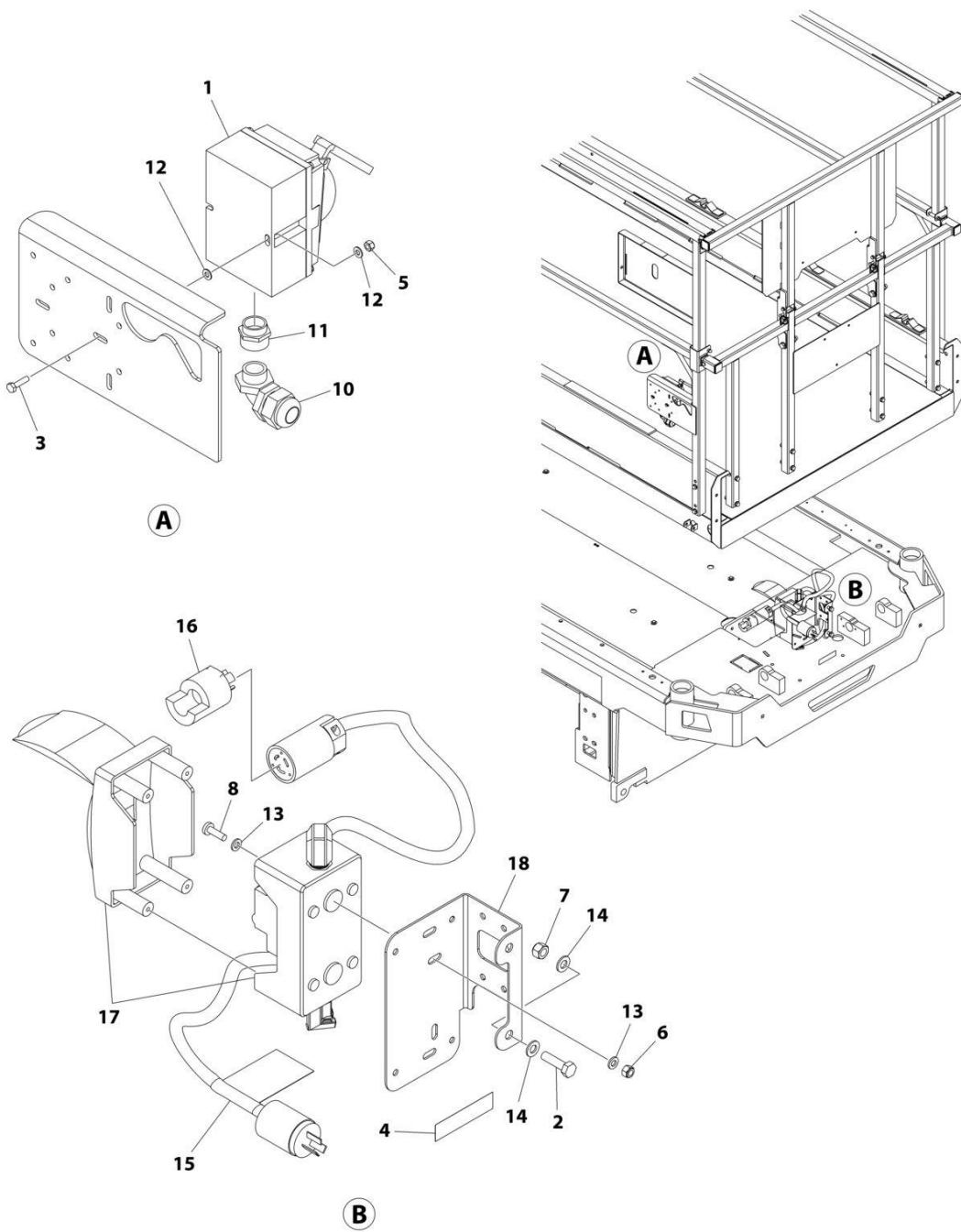
SECTION 7 - ELECTRICAL

FIGURE 7-2. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001238133	Ref	AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW	
1	0275216	1	Receptacle Box Kit - 110V IEC Yellow (See Separate Breakdown in this Section)	
2	0700814	2	Bolt M8 x 30	
3	0760408	2	Bolt M4 x 16	
4	1703464	1	Decal - AC Power	
5	3290405	2	Nut M4	
6	3290605	2	Nut M6	
7	3290805	2	Nut M8	
8	4010610	2	Screw M6 x 20	
9	4240017	AR	Tie-Strap (Not Shown)	
10	4461257	1	Connector, Strain Relief	
11	4461258	1	Connector, Adapter	
12	4811400	4	Washer M4	
13	4811700	4	Washer M6	
14	4811900	4	Washer M8	
15	1001102258	1	Decal - AC Label	
16	1001120204	1	Plug, Male Twist	
17	1001209776	1	Breaker Box Kit (See Separate Breakdown in this Section)	
18	1001238198	1	Bracket	

SECTION 7 - ELECTRICAL

FIGURE 7-3. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE SPECS)



ART_1001238134

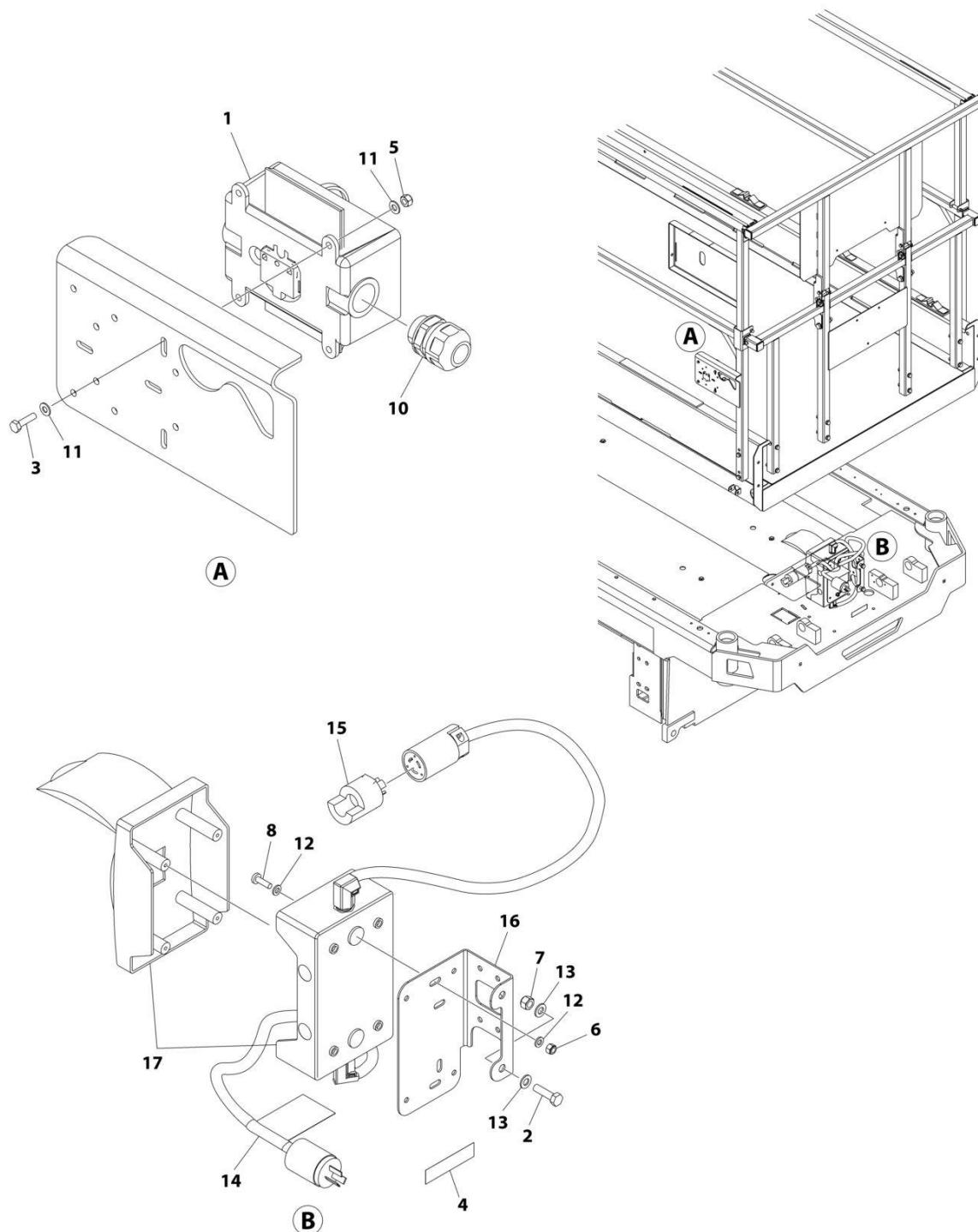
SECTION 7 - ELECTRICAL

FIGURE 7-3. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001238134	Ref	AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE	
1	0275217	1	Receptacle Box Kit - 220V IEC Blue (See Separate Breakdown in this Section)	A
2	0700814	2	Bolt M8 x 30	
3	0760408	2	Bolt M4 x 16	
4	3252507	1	Decal - AC Power	
5	3290405	2	Nut M4	
6	3290605	2	Nut M6	
7	3290805	2	Nut M8	
8	4010610	2	Screw M6 x 20	
9	4240017	AR	Tie-Strap (Not Shown)	
10	4461257	1	Connector, Strain Relief	
11	4461258	1	Connector, Adapter	
12	4811400	4	Washer M4	
13	4811700	4	Washer M6	
14	4811900	4	Washer M8	
15	1001102258	1	Decal - AC Label	
16	1001120204	1	Plug, Male Twist	
17	1001209776	1	Breaker Box Kit (See Separate Breakdown in this Section)	
18	1001238198	1	Bracket	

SECTION 7 - ELECTRICAL

FIGURE 7-4. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND (CE SPECS)



ART_1001238130

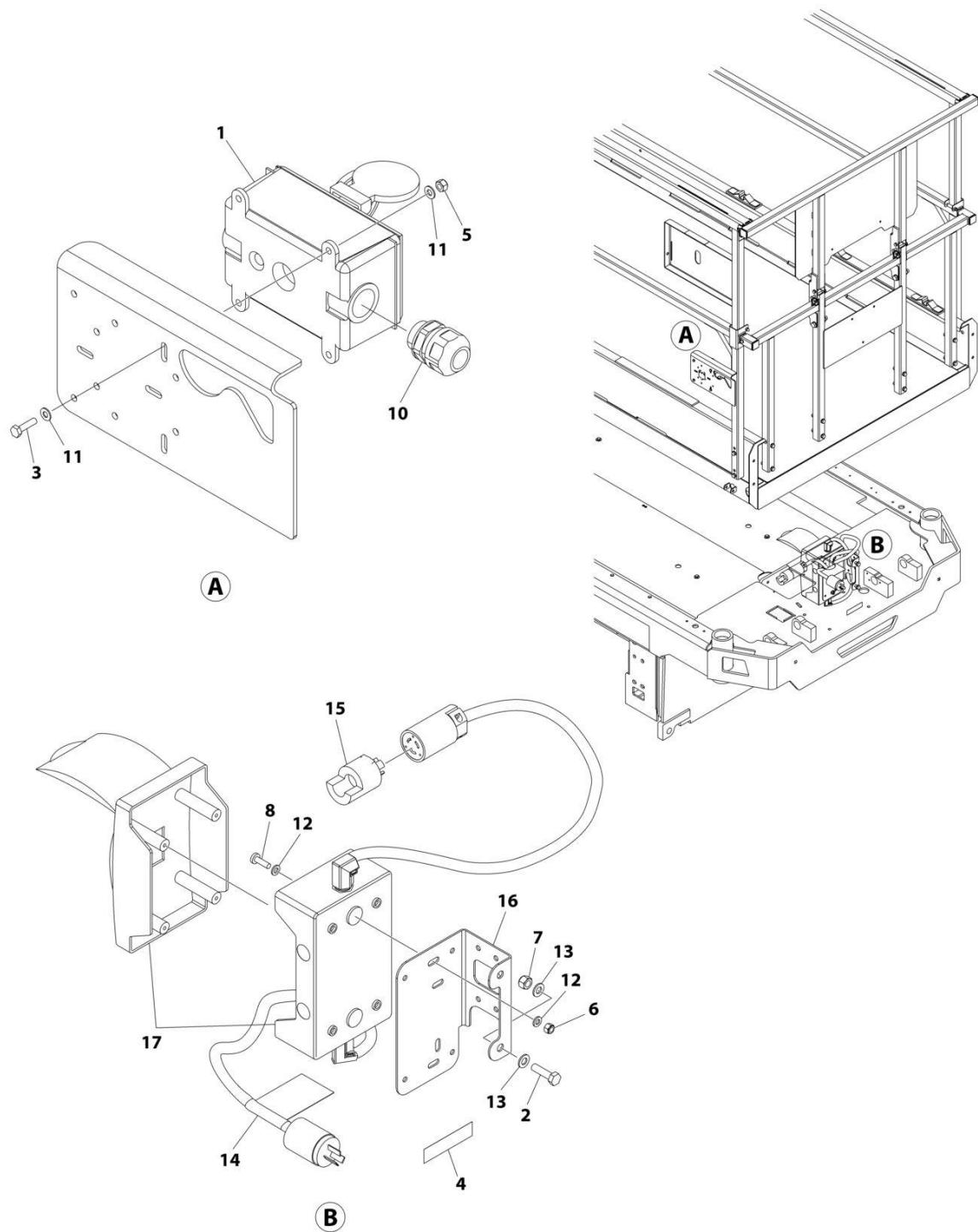
SECTION 7 - ELECTRICAL

FIGURE 7-4. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND (CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238130	Ref	AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND	B
1	0275452	1	Receptacle Box Kit - 220V CEE7 Post Ground (See Separate Breakdown in this Section)	
2	0700814	2	Screw M8 x 30	
3	0760408	4	Bolt M4 x 16	
4	3252507	1	Decal - AC Power	
5	3290405	4	Nut M4	
6	3290605	2	Nut M6	
7	3290805	2	Nut M8	
8	4010610	2	Screw M6 x 20	
9	4240017	AR	Tie-Strap (Not Shown)	
10	4460662	1	Connector, Strain Relief	
11	4811400	8	Washer M4	
12	4811700	4	Washer M6	
13	4811900	4	Washer M8	
14	1001102258	1	Decal - AC Label	
15	1001120204	1	Plug, Male Twist	
16	1001238198	1	Bracket	
17	1001209482	1	Breaker Box Kit (See Separate Breakdown in this Section)	

SECTION 7 - ELECTRICAL

FIGURE 7-5. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND (CE SPECS)



ART_1001238131

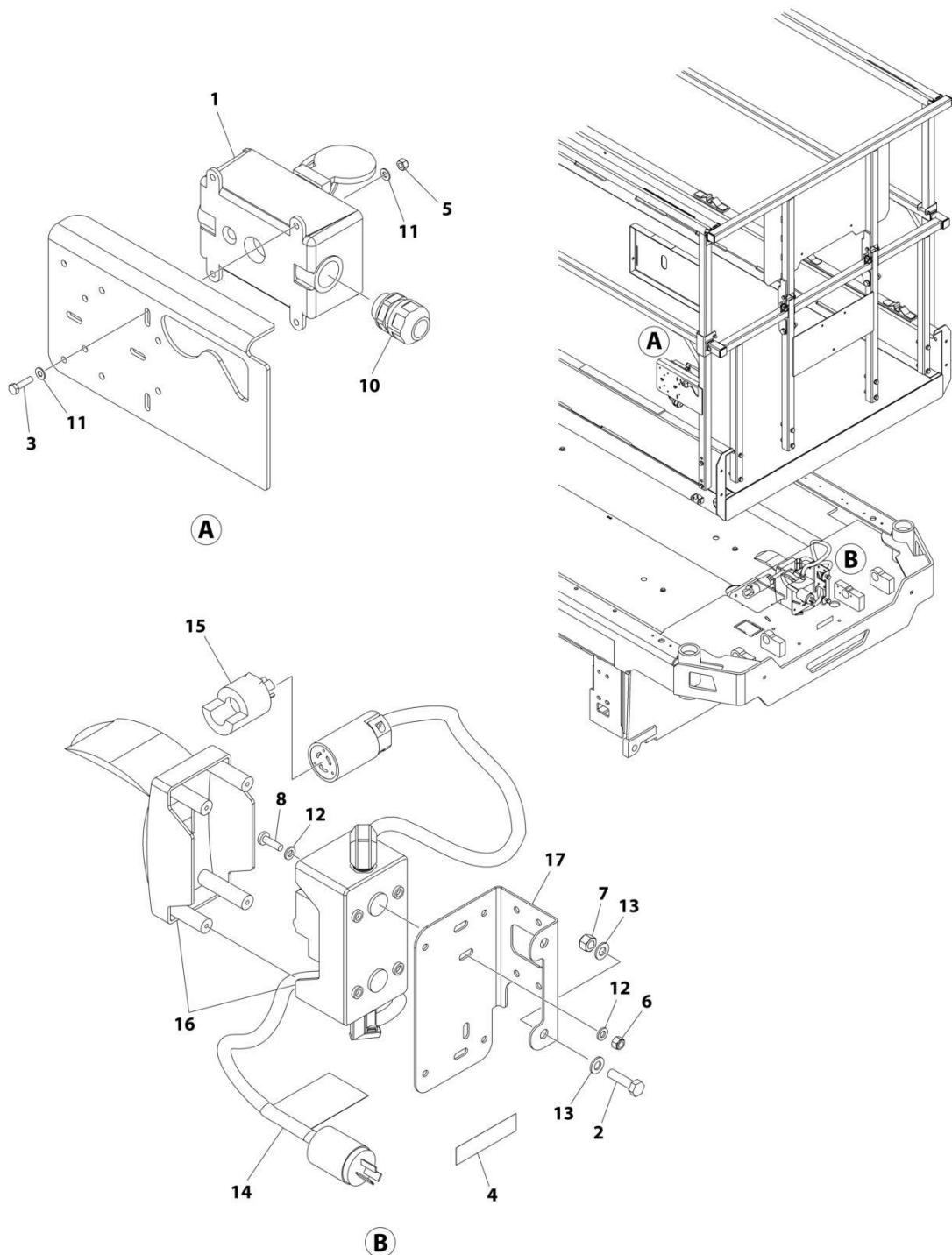
SECTION 7 - ELECTRICAL

FIGURE 7-5. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND (CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238131	Ref	AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND	B
1	0275453	1	Receptacle Box Kit - 220V CEE7 Side Ground (See Separate Breakdown in this Section)	
2	0700814	2	Bolt M8 x 30	
3	0760408	4	Bolt M4 x 16	
4	3252507	1	Decal - AC Power	
5	3290405	4	Nut M4	
6	3290605	2	Nut M6	
7	3290805	2	Nut M8	
8	4010610	2	Screw M6 x 20	
9	4240017	AR	Tie-Strap (Not Shown)	
10	4460662	1	Connector, Strain Relief	
11	4811400	8	Washer M4	
12	4811700	4	Washer M6	
13	4811900	4	Washer M8	
14	1001102258	1	Decal - AC Label	
15	1001120204	1	Plug, Male Twist	
16	1001238198	1	Bracket	
17	1001209482	1	Breaker Box Kit (See Separate Breakdown in this Section)	

SECTION 7 - ELECTRICAL

FIGURE 7-6. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 (CE SPECS)



ART_1001238132

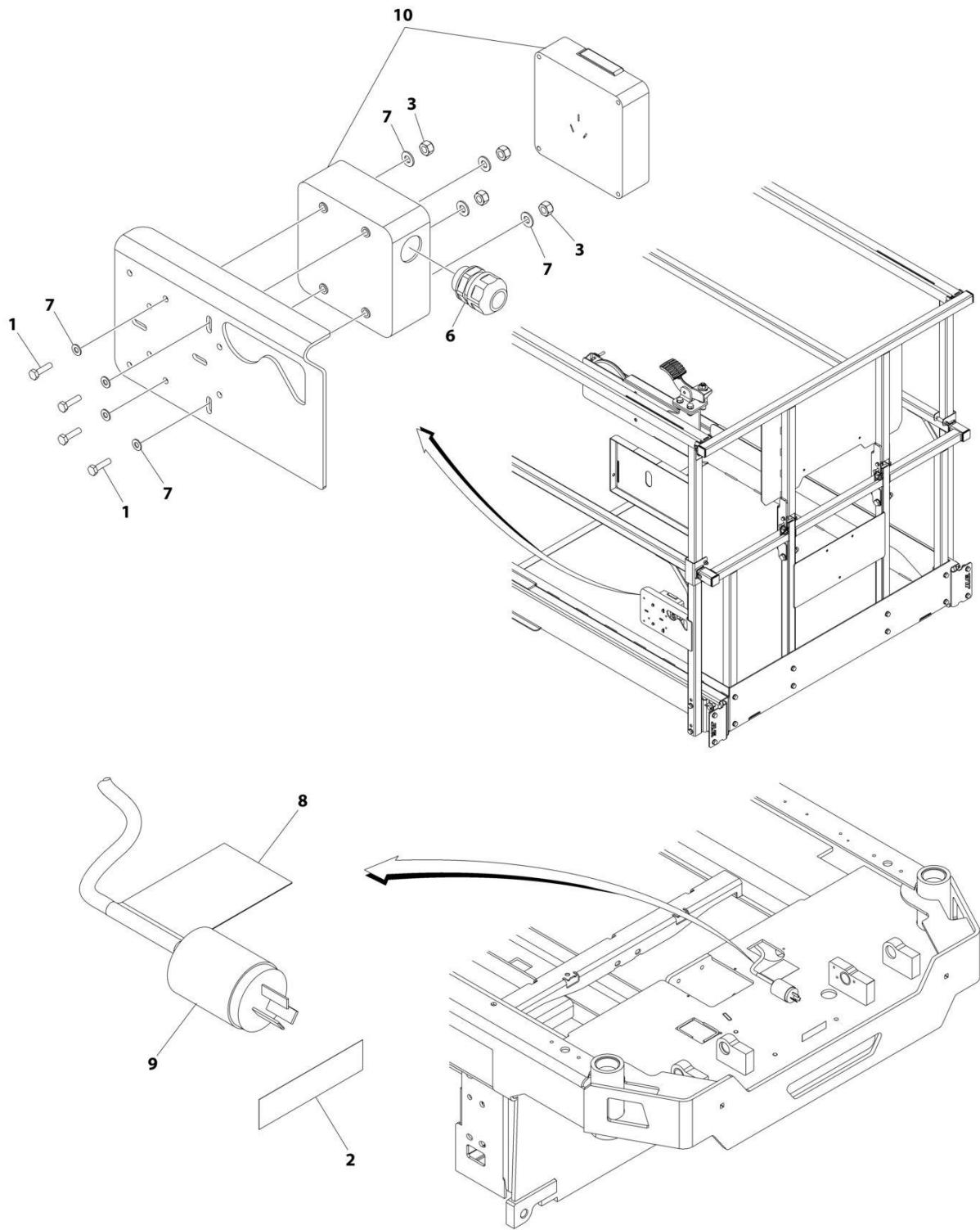
SECTION 7 - ELECTRICAL

FIGURE 7-6. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 (CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001238132	Ref	AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107	
1	0275454	1	Receptacle Box Kit - 220V AFSINT 107 (See Separate Breakdown in this Section)	B
2	0700814	2	Bolt M8 x 30	
3	0760408	4	Bolt M4 x 16	
4	3252507	1	Decal - AC Power	
5	3290405	4	Nut M4	
6	3290605	2	Nut M6	
7	3290805	2	Nut M8	
8	4010610	2	Screw M6 x 20	
9	4240017	AR	Tie-Strap (Not Shown)	
10	4460662	1	Connector, Strain Relief	
11	4811400	8	Washer M4	
12	4811700	4	Washer M6	
13	4811900	4	Washer M8	
14	1001102258	1	Decal - AC Label	
15	1001120204	1	Plug, Male Twist	
16	1001209776	1	Breaker Box Kit (See Separate Breakdown in this Section)	
17	1001238198	1	Bracket	

SECTION 7 - ELECTRICAL

FIGURE 7-7. AC BOX AT PLATFORM INSTALLATION - 220V CHINA PLUG (CHINA SPECS)



ART_1001238135

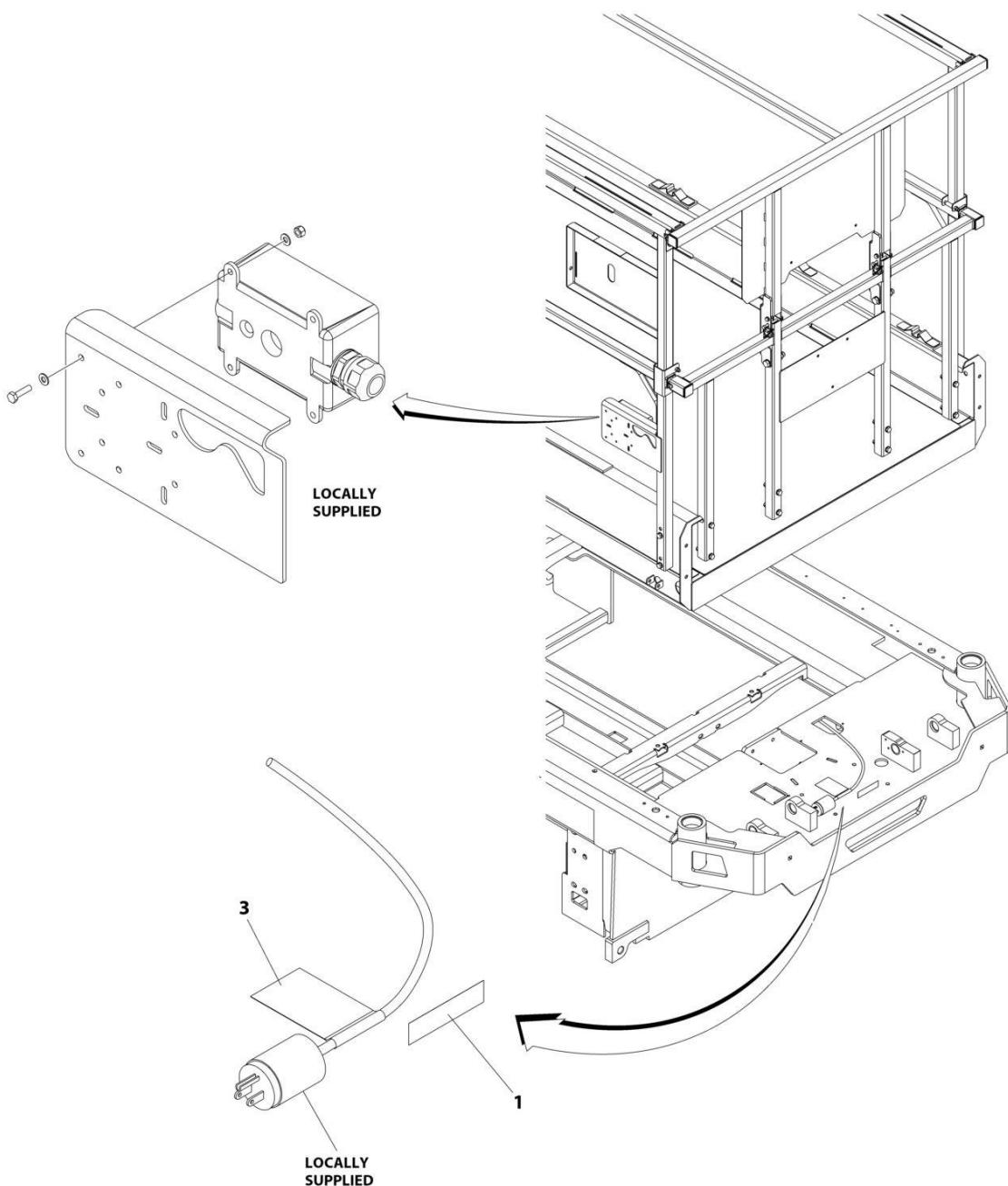
SECTION 7 - ELECTRICAL

FIGURE 7-7. AC BOX AT PLATFORM INSTALLATION - 220V CHINA PLUG (CHINA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238135	Ref	AC BOX AT PLATFORM INSTALLATION - 220V CHINA PLUG (CHINA SPECS)	A
1	0760408	4	Bolt M4 x 16	
2	3252507	1	Decal - 220 Volt	
3	3290405	4	Nut M4	
4	4240017	AR	Tie-Strap (Not Shown)	
5	4460315	1	Terminal (Not Shown)	
6	4460968	1	Connector, Strain Relief	
7	4811400	8	Washer M4	
8	1001102258	1	Decal - AC Label	
9	1001187816	1	Plug	
10	1001188116	1	Box	

SECTION 7 - ELECTRICAL

FIGURE 7-8. AC BOX AT PLATFORM INSTALLATION - 220V LOCALLY SUPPLIED



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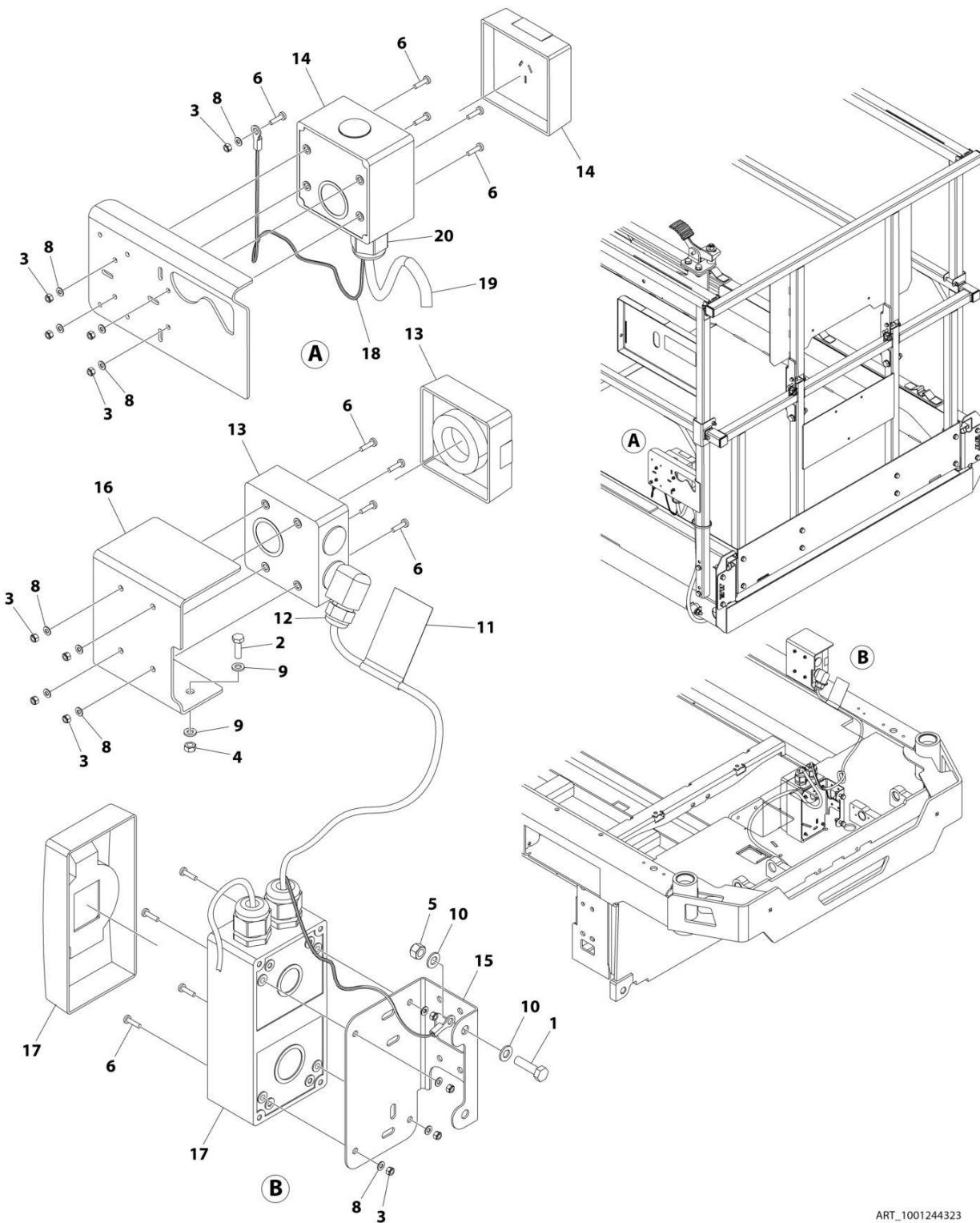
SECTION 7 - ELECTRICAL

FIGURE 7-8. AC BOX AT PLATFORM INSTALLATION - 220V LOCALLY SUPPLIED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237401	Ref	AC BOX AT PLATFORM INSTALLATION - 220V LOCALLY SUPPLIED COMPONENTS (ALL SPECS)	C
1	3252507	1	Decal - 220 Volt	
2	4240017	AR	Tie-Strap (Not Shown)	
3	1001102258	1	Decal - AC Label	

SECTION 7 - ELECTRICAL

FIGURE 7-9. AC BOX AT PLATFORM INSTALLATION - 220V (AUSTRALIAN SPECS)



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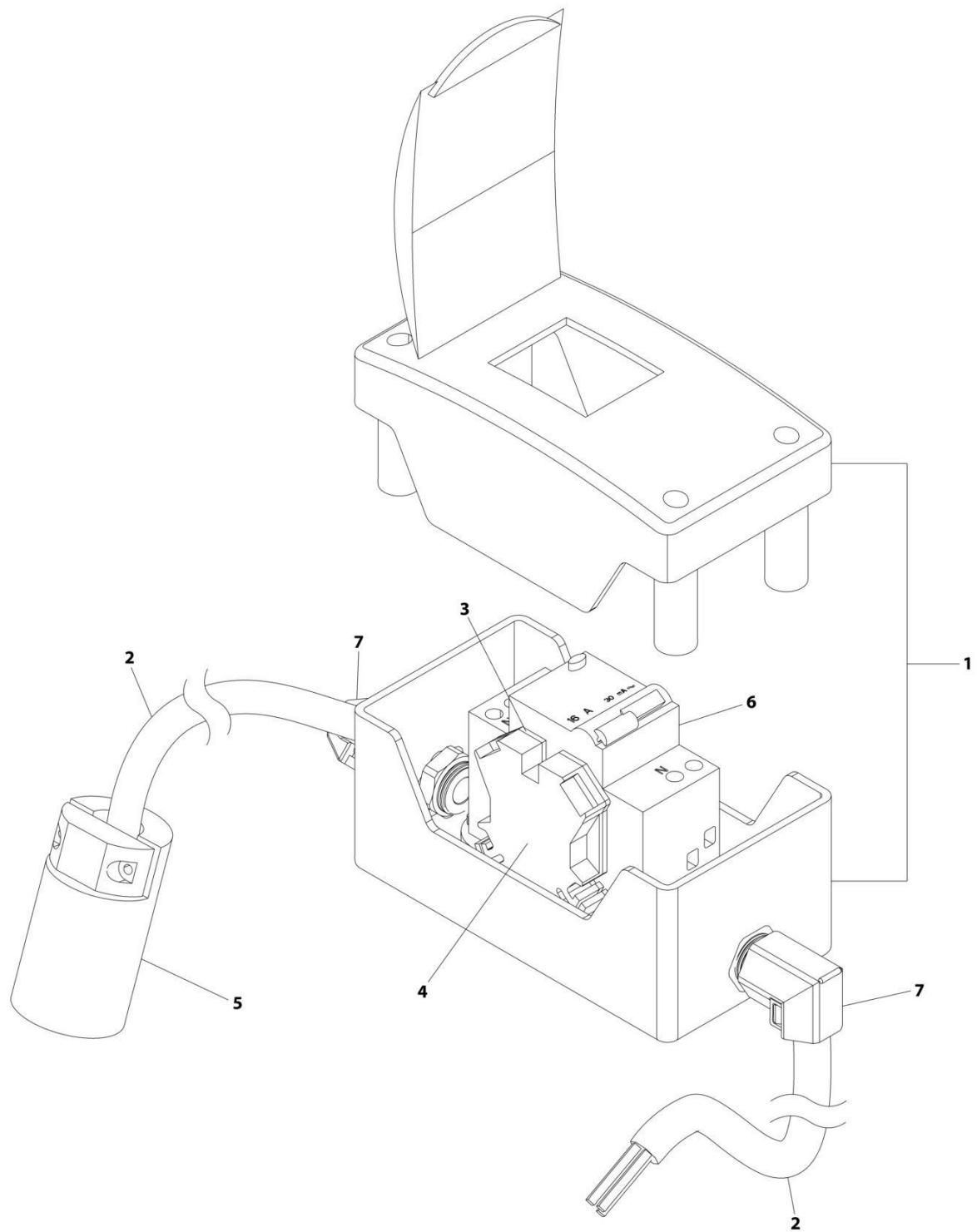
SECTION 7 - ELECTRICAL

FIGURE 7-9. AC BOX AT PLATFORM INSTALLATION - 220V (AUSTRALIAN SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244323	Ref	AC BOX AT PLATFORM INSTALLATION - 220V (AUSTRALIAN SPECS)	B
1	0700814	2	Bolt M8 x 30	
2	0760610	2	Bolt M6 x 20	
3	3290405	13	Nut M4	
4	3290601	2	Nut M6	
5	3290805	2	Nut M8	
6	4010408	13	Screw M4 x 16	
7	4240017	AR	Tie-Strap (Not Shown)	
8	4811400	13	Washer M4	
9	4811700	4	Washer M6	
10	4811900	4	Washer M8	
11	1001102258	1	Decal - AC Label	
12	1001103471	1	Connector Strain Relief 90	
13	1001227267	1	Receptacle Australian - 230V	
14	1001227268	1	Receptacle Australian - 230V	
15	1001238198	1	Bracket	
16	1001244900	1	Bracket	
17	1001245739	1	Box and Breaker Electrical Assembly (See Separate Breakdown in this Section)	
18	1001245744	1	Earth/Ground Link Harness	
19	1001245747	1	Conduit	
20	1001097150	1	Terminal	

SECTION 7 - ELECTRICAL

FIGURE 7-10. BREAKER BOX KIT WITH 1 DOUBLE BREAKER



ART_1001209776

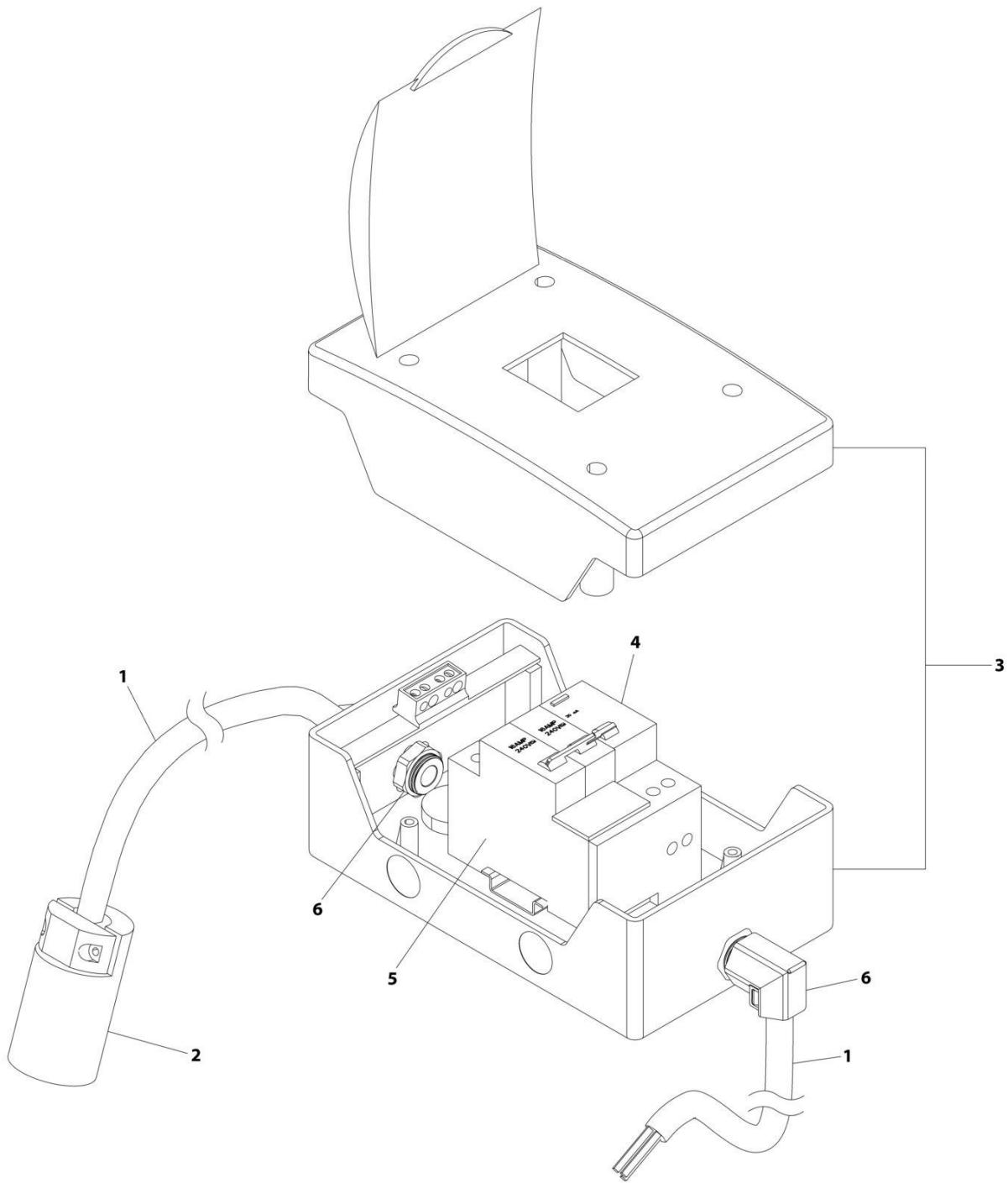
SECTION 7 - ELECTRICAL

FIGURE 7-10. BREAKER BOX KIT WITH 1 DOUBLE BREAKER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001209776	Ref	BREAKER BOX KIT WITH 1 DOUBLE BREAKER	
1	0861880	1	Box	F
2	1060908	126 in /3.2m	Cable, 12/3	
3	4460956	1	Barrier, Terminal	
4	4460957	1	Block, Terminal	
5	1001120205	1	Connector, Female Twist	
6	1001181045	1	Breaker 30mAmp/16 Amp	
7	1001217164	2	Connector, Strain Relief 90	

SECTION 7 - ELECTRICAL

FIGURE 7-11. BREAKER BOX KIT WITH 3 BREAKERS



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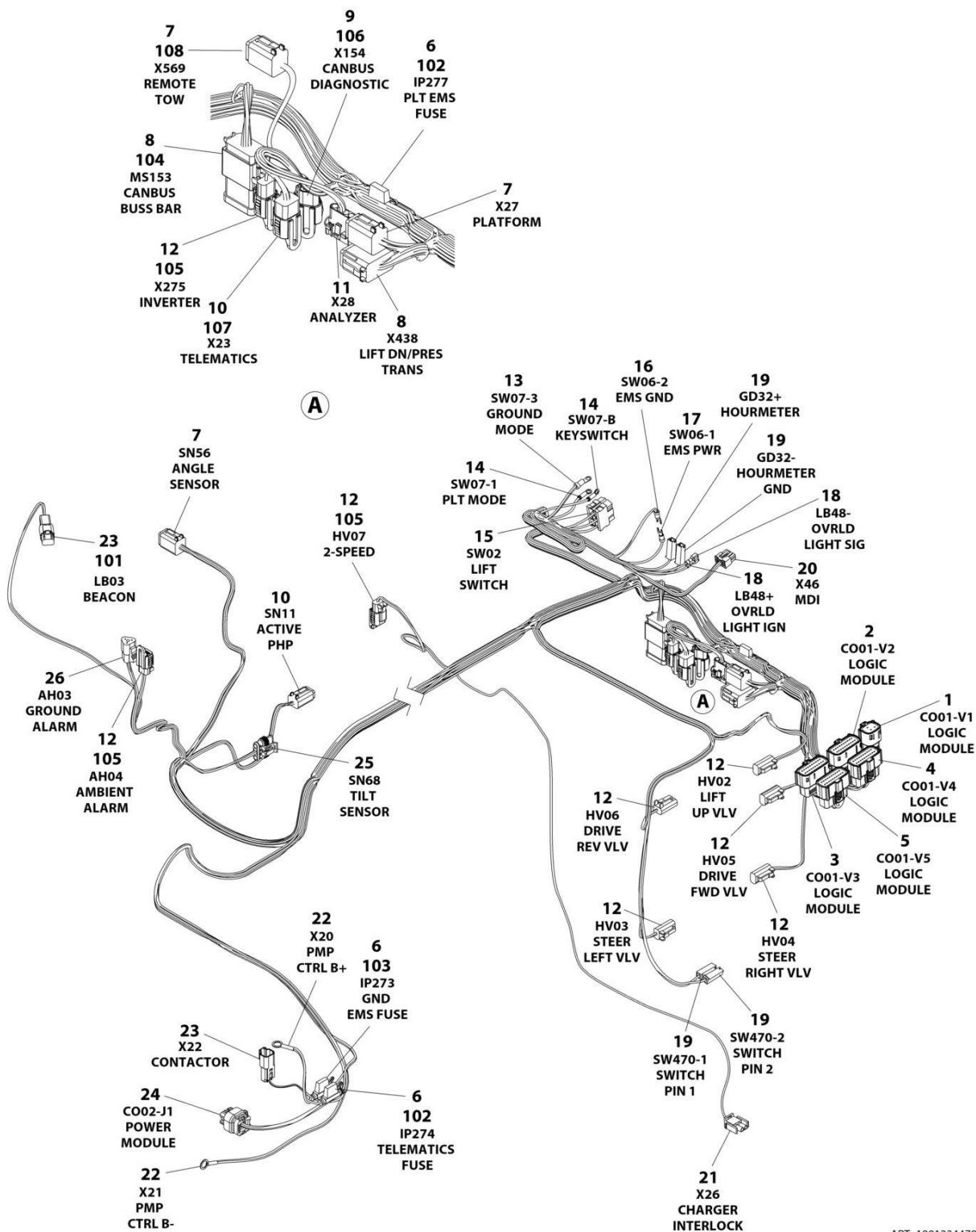
SECTION 7 - ELECTRICAL

FIGURE 7-11. BREAKER BOX KIT WITH 3 BREAKERS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001209482	Ref	BREAKER BOX KIT WITH 3 BREAKERS	G
	1060908	126 in /3.2m	Cable, 12/3	
2	1001120205	1	Connector, Female Twist	
3	1001152483	1	Box	
4	1001189171	1	Breaker, 30mAmp	
5	1001189172	1	Breaker 16 Amp, Double	
6	1001217164	2	Connector, Strain Relief 90	

SECTION 7 - ELECTRICAL

FIGURE 7-12. CHASSIS HARNESS



ART_1001234479

SECTION 7 - ELECTRICAL

FIGURE 7-12. CHASSIS HARNESS

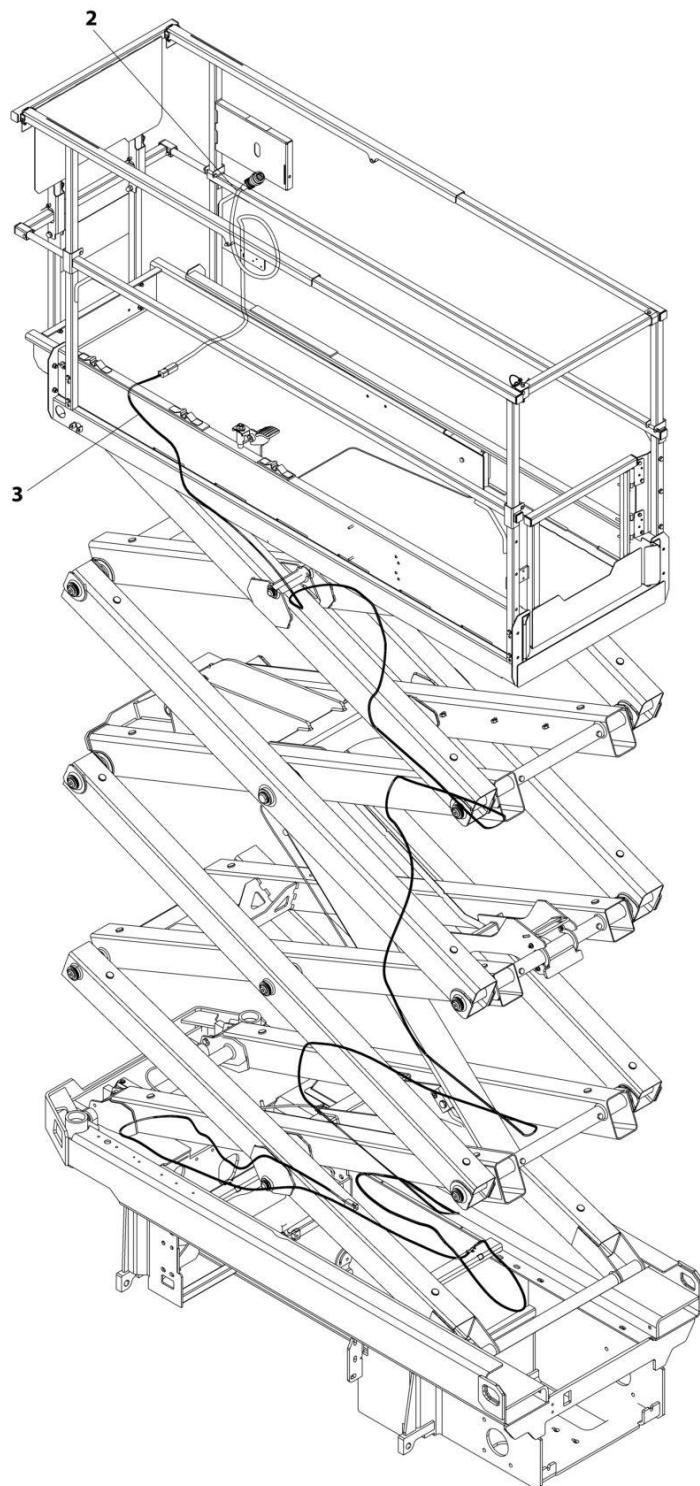
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001234479	Ref	CHASSIS HARNESS	
1	1001205409	1	Connector - 8 Position	
1	1001162887	6	Terminal	
1	1001163340	2	Plug, Terminal	
2	1001205410	1	Connector - 20 Position	
2	1001162887	12	Terminal	
2	1001163340	8	Plug, Terminal	
3	1001162886	1	Connector - 20 Position	
3	1001162887	16	Terminal	
3	1001163340	4	Plug, Terminal	
4	1001205411	1	Connector - 20 Position	
4	1001162887	16	Terminal	
4	1001163340	4	Plug, Terminal	
5	1001205412	1	Connector - 20 Position	
5	1001162887	18	Terminal	
5	1001163340	2	Plug, Terminal	
6	2400060	3	Holder/Cover, Fuse	
7	4460894	3	Plug, Male - 6 Position	
7	4460465	14	Socket, Female	
7	4460944	2	Socket, Female	
7	4460466	2	Plug, Terminal	
8	4460933	2	Plug, Male - 12 Position	
8	4460465	22	Socket, Female	
8	4460466	2	Plug, Terminal	
9	1001116812	1	Receptacle, Female - 3 Position	
9	4060944	2	Socket, Female	
9	4460466	1	Plug, Terminal	
10	4460884	2	Plug, Male - 4 Position	
10	4460465	8	Socket, Female	
11	4460761	1	Plug, Male - 4 Position	
11	4460227	4	Socket, Female	
12	4460891	8	Plug, Male - 2 Position	
12	4460465	16	Socket, Female	
12	4460466	1	Plug, Terminal	
13	4460042	1	Terminal, Ring	
14	4460247	2	Terminal, Ring	
15	4460418	1	Connector - 6 Position	
15	1001159186	3	Terminal	
16	4460115	1	Terminal, Ring	
17	4460183	1	Terminal, Ring	
18	1001201885	2	Terminal	
19	4460260	4	Cover, Terminal	
16	4460259	4	Terminal	
20	1001151629	1	Plug, Male - 8 Position	
20	4461023	2	Terminal	
20	4460877	2	Terminal	
21	4460320	1	Plug, Male - 2 Position	
21	4460226	1	Socket, Female	
22	4460256	2	Terminal	
23	4460897	2	Receptacle, Female - 2 Position	

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
23	4460464	4	Pin, Male	
24	1001113961	1	Connector - 8 Position	
24	4460871	4	Socket, Female	
24	4460905	4	Plug, Terminal	
25	1001103012	1	Plug, Male - 4 Position	
25	1001196589	4	Terminal	
25	1001104498	4	Seal Terminal	
26	4460539	1	Plug, Male - 3 Position	
26	4460465	3	Socket, Female	
101	4460891	1	Plug, Male - 4 Position	
102	8229242	2	Fuse 5 Amp	
103	8229244	1	Fuse, 15 Amp	
104	1001125677	1	Connector, Bussbar	
105	1001144295	3	Cap - 2 Position	
106	1001144296	1	Cap - 3 Position	
107	1001192401	1	Cap, Dust	
108	1001213448	1	Connector, Dust Cap	

SECTION 7 - ELECTRICAL

FIGURE 7-13. GROUND TO PLATFORM CABLE INSTALLATION - WITHOUT PLATFORM COIL CABLE
(CHINA BUILT MACHINES)



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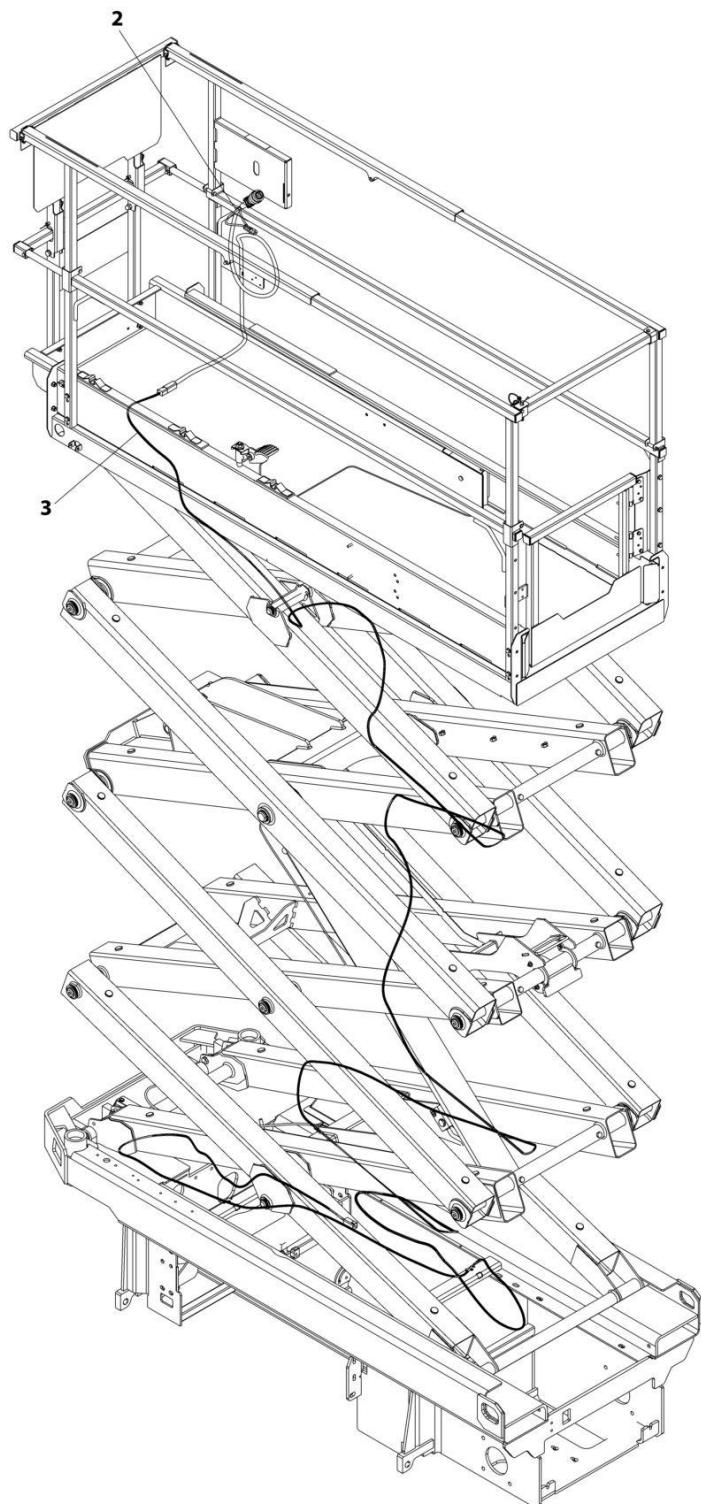
SECTION 7 - ELECTRICAL

**FIGURE 7-13. GROUND TO PLATFORM CABLE INSTALLATION - WITHOUT PLATFORM COIL CABLE
(CHINA BUILT MACHINES)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239675	Ref	GROUND TO PLATFORM CABLE INSTALLATION - WITHOUT PLATFORM COIL CABLE	F
1	4240017	AR	Tie-Strap (Not Shown)	
2	1001200812	1	Platform Harness	
2	4460899	1	Receptacle, Female - 6 Position (To Item 3)	
2	4460464	4	Pin, Male	
2	4460943	2	Pin, Male	
2	4460754	1	Connector - 14 Position (To Console Box)	
2	4460465	8	Socket, Female	
2	4460466	6	Plug, Terminal	
3	1001237132	1	Cable Assembly - Ground to Platform	
3	4460894	1	Plug, Male - 6 Position (To Platform Harness Item 2)	
3	4460465	4	Socket, Female	
3	4460944	2	Socket, Female	
3	4460899	1	Receptacle, Female - 6 Position (To Chassis Harness)	
3	4460464	4	Pin, Male	
3	4460943	2	Pin, Male	

SECTION 7 - ELECTRICAL

FIGURE 7-14. GROUND TO PLATFORM CABLE INSTALLATION - WITHOUT PLATFORM COIL CABLE & WITH FOOTSWITCH (CHINA BUILT MACHINES)



ART_1001239677

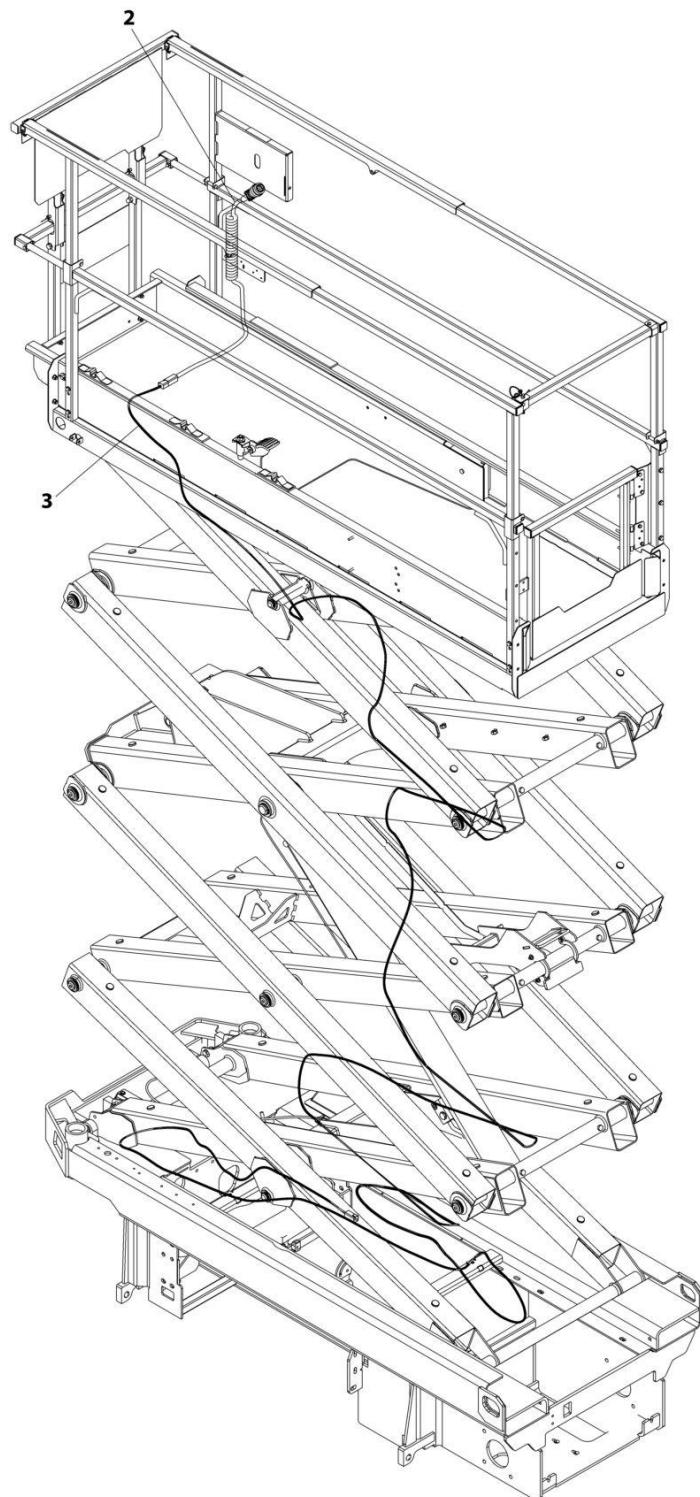
SECTION 7 - ELECTRICAL

FIGURE 7-14. GROUND TO PLATFORM CABLE INSTALLATION - WITHOUT PLATFORM COIL CABLE & WITH FOOTSWITCH (CHINA BUILT MACHINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239677	Ref	GROUND TO PLATFORM CABLE INSTALLATION - WITHOUT PLATFORM COIL CABLE AND WITH FOOTSWITCH	F
1	4240017	AR	Tie-Strap (Not Shown)	
2	1001223263	1	Platform Harness	
2	4460899	1	Receptacle, Female - 6 Position (To Item 3)	
2	4460464	4	Pin, Male	
2	4460943	2	Pin, Male	
2	4460754	1	Connector - 14 Position (To Console Box)	
2	4460465	8	Socket, Female	
2	4460944	2	Socket, Female	
2	4460466	4	Plug, Terminal	
2	4460891	1	Plug, Male - 2 Position (To Footswitch)	
2	4460465	2	Socket, Female	
2	4460897	1	Receptacle, Female - 2 Position (Footswitch Jumper)	
2	4460464	2	Pin, Male	
2	4460539	1	Plug, Male - 3 Position (To Overhead Switches)	
2	4460465	2	Socket, Female	
2	4460466	1	Plug, Terminal	
3	1001237132	1	Cable Assembly - Ground to Platform	
3	4460894	1	Plug, Male - 6 Position (To Platform Harness Item 2)	
3	4460465	4	Socket, Female	
3	4460944	2	Socket, Female	
3	4460899	1	Receptacle, Female - 6 Position (To Chassis Harness)	
3	4460464	4	Pin, Male	
3	4460943	2	Pin, Male	

SECTION 7 - ELECTRICAL

**FIGURE 7-15. GROUND TO PLATFORM CABLE INSTALLATION - WITH PLATFORM COIL CABLE
(CHINA BUILT MACHINES)**



ART_1001239676

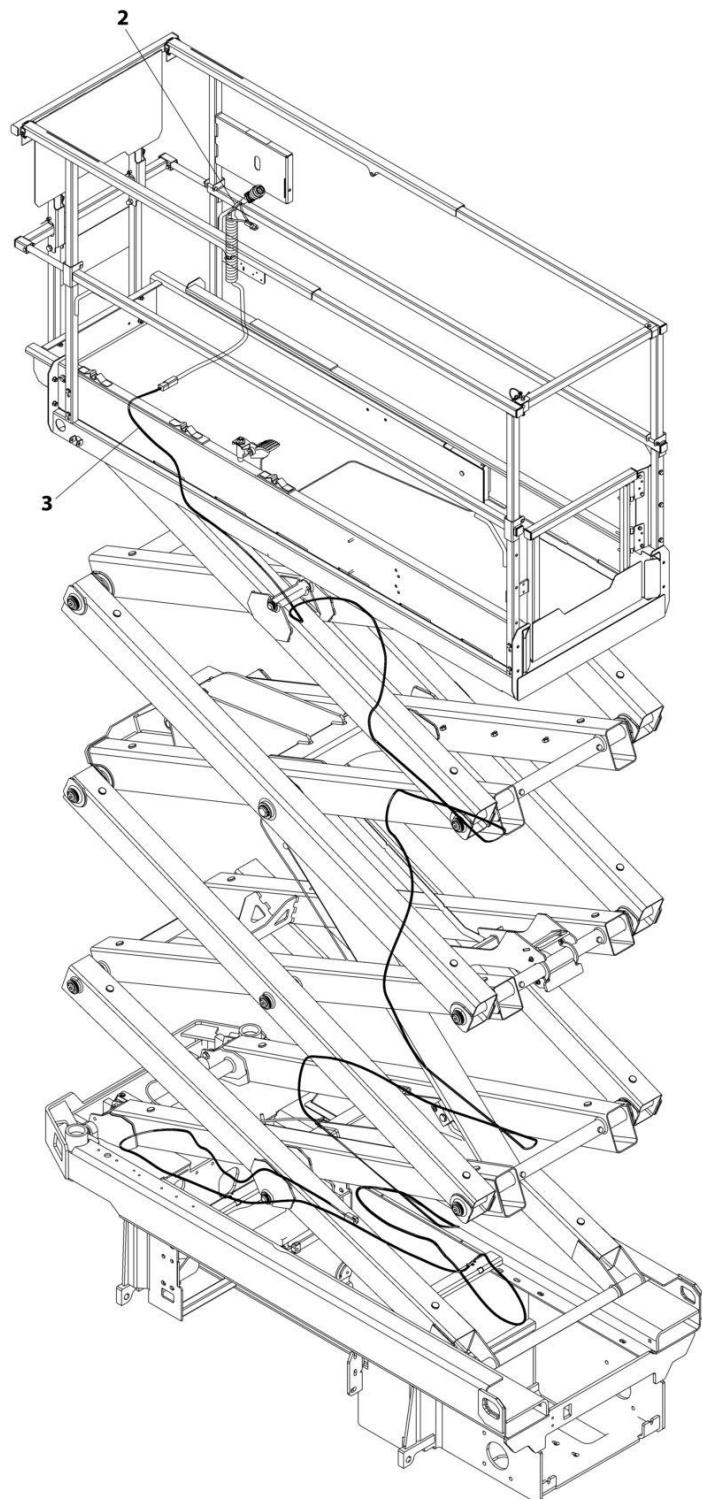
SECTION 7 - ELECTRICAL

**FIGURE 7-15. GROUND TO PLATFORM CABLE INSTALLATION - WITH PLATFORM COIL CABLE
(CHINA BUILT MACHINES)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239676	Ref	GROUND TO PLATFORM CABLE INSTALLATION - WITH PLATFORM COIL CABLE	F
1	4240017	AR	Tie-Strap (Not Shown)	
2	1001202184	1	Platform Harness	
2	4460899	1	Receptacle, Female - 6 Position (To Item 3)	
2	4460464	4	Pin, Male	
2	4460943	2	Pin, Male	
2	4460754	1	Connector - 14 Position (To Console Box)	
2	4460465	8	Socket, Female	
2	4460466	6	Plug, Terminal	
3	1001237132	1	Cable Assembly - Ground to Platform	
3	4460894	1	Plug, Male - 6 Position (To Platform Harness Item 2)	
3	4460465	4	Socket, Female	
3	4460944	2	Socket, Female	
3	4460899	1	Receptacle, Female - 6 Position (To Chassis Harness)	
3	4460464	4	Pin, Male	
3	4460943	2	Pin, Male	

SECTION 7 - ELECTRICAL

FIGURE 7-16. GROUND TO PLATFORM CABLE INSTALLATION - WITH PLATFORM COIL CABLE & FOOTSWITCH (CHINA BUILT MACHINES)



ART_1001239678

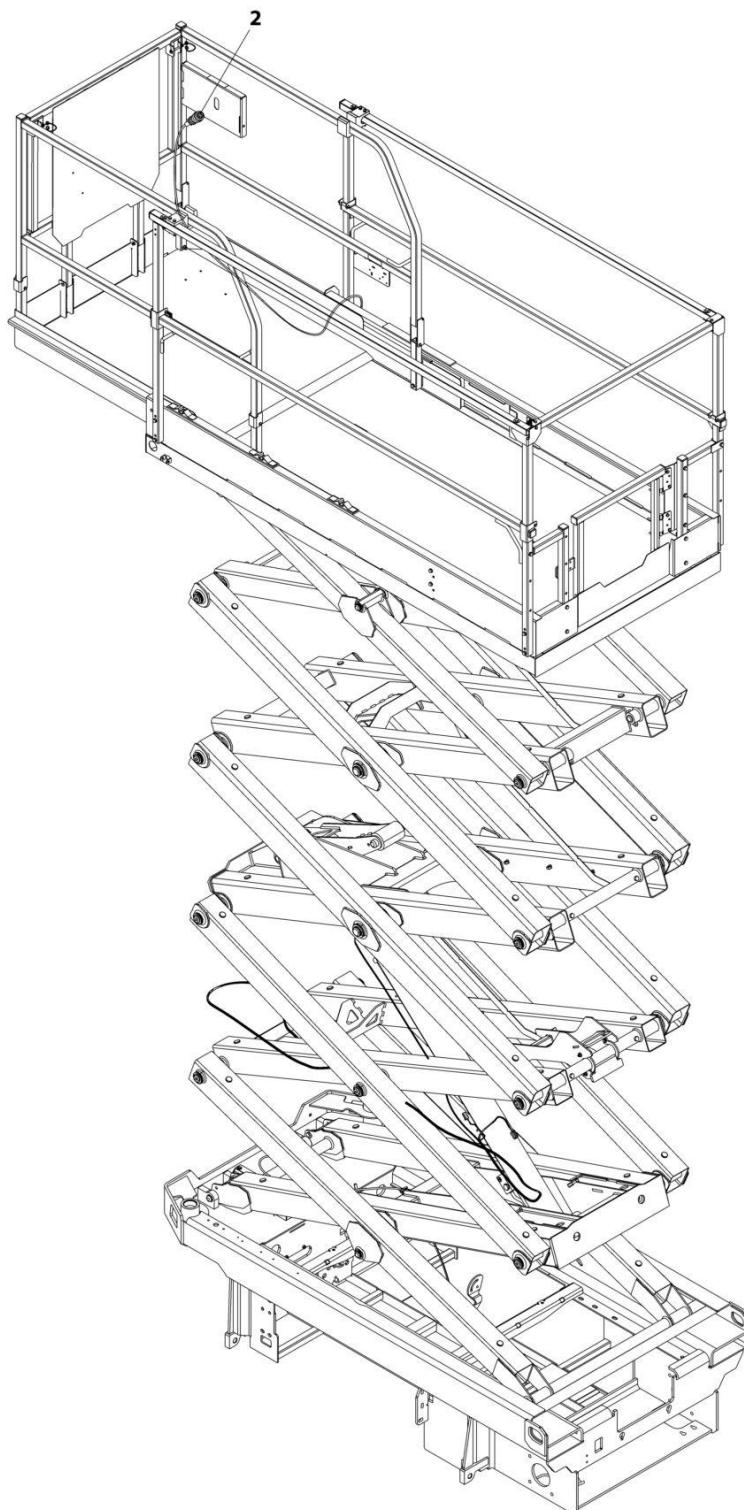
SECTION 7 - ELECTRICAL

FIGURE 7-16. GROUND TO PLATFORM CABLE INSTALLATION - WITH PLATFORM COIL CABLE & FOOTSWITCH (CHINA BUILT MACHINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239678	Ref	GROUND TO PLATFORM CABLE INSTALLATION - WITH PLATFORM COIL CABLE AND FOOTSWITCH	F
1	4240017	AR	Tie-Strap (Not Shown)	
2	1001223262	1	Platform Harness	
2	4460899	1	Receptacle, Female - 6 Position (To Item 3)	
2	4460464	4	Pin, Male	
2	4460943	2	Pin, Male	
2	4460754	1	Connector - 14 Position (To Console Box)	
2	4460465	8	Socket, Female	
2	4460944	2	Socket, Female	
2	4460466	4	Plug, Terminal	
2	4460891	1	Plug, Male - 2 Position (To Footswitch)	
2	4460465	2	Socket, Female	
2	4460897	1	Receptacle, Female - 2 Position (Footswitch Jumper)	
2	4460464	2	Pin, Male	
2	4460539	1	Plug, Male - 3 Position (To Overhead Switches)	
2	4460465	2	Socket, Female	
2	4460466	1	Plug, Terminal	
3	1001237132	1	Cable Assembly - Ground to Platform	
3	4460894	1	Plug, Male - 6 Position (To Platform Harness Item 2)	
3	4460465	4	Socket, Female	
3	4460944	2	Socket, Female	
3	4460899	1	Receptacle, Female - 6 Position (To Chassis Harness)	
3	4460464	4	Pin, Male	
3	4460943	2	Pin, Male	

SECTION 7 - ELECTRICAL

FIGURE 7-17. GROUND TO PLATFORM CABLE INSTALLATION - PLATFORM STRAIGHT CABLE ONLY (USA AND EUROPE BUILT MACHINES)



ART_1001223650

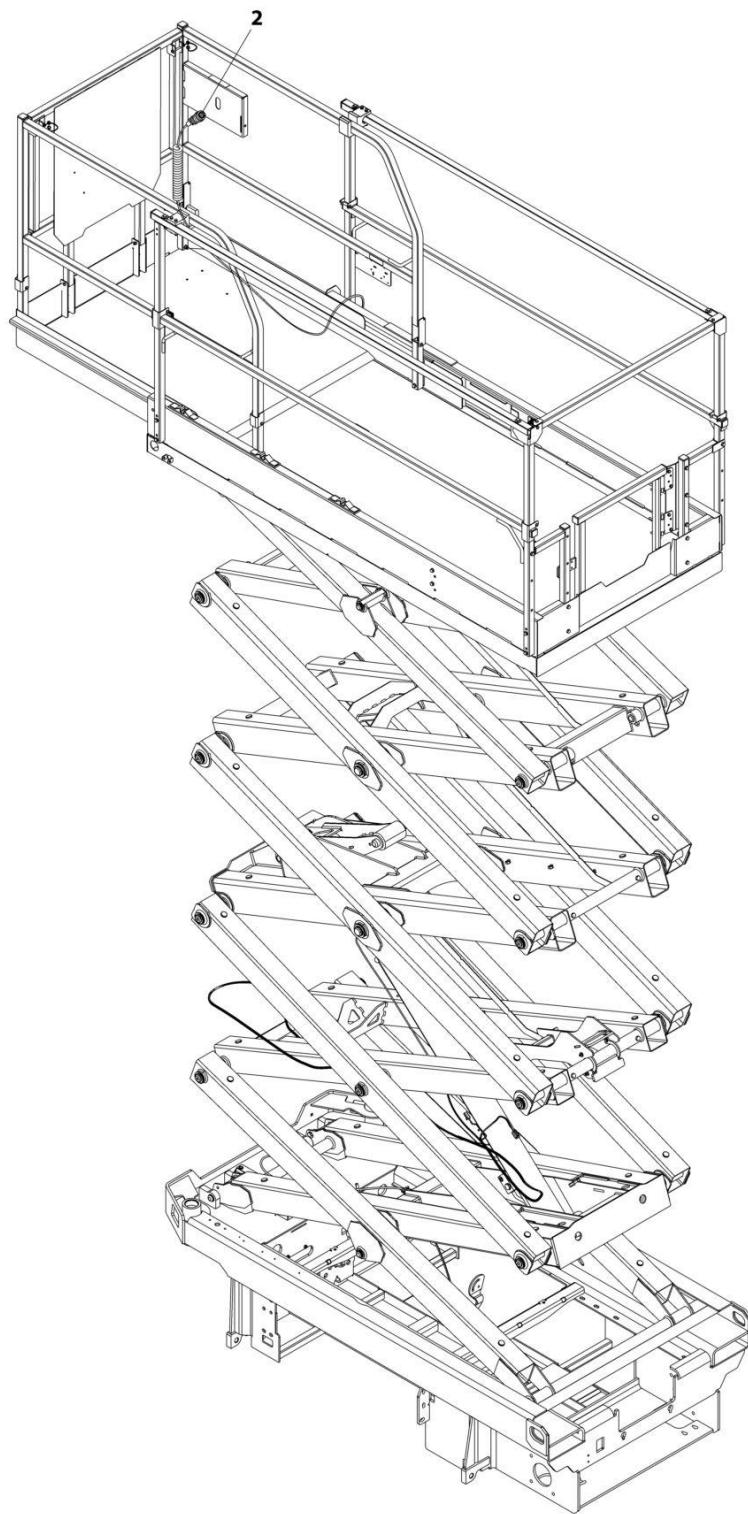
SECTION 7 - ELECTRICAL

FIGURE 7-17. GROUND TO PLATFORM CABLE INSTALLATION - PLATFORM STRAIGHT CABLE ONLY (USA AND EUROPE BUILT MACHINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223650	Ref	GROUND TO PLATFORM CABLE INSTALLATION	
1	4240017	AR	Tie-Strap (Not Shown)	
2	1001200812	1	Platform Harness	
2	4460899	1	Receptacle, Female - 6 position (To Platform/AC Cable Connector)	
2	4460464	4	Pin, Male	
2	4460943	2	Pin, Male	
2	4460754	1	Connector - 14 Position (To Console Box)	
2	4460465	8	Socket, Female	
2	4460466	6	Plug, Terminal	

SECTION 7 - ELECTRICAL

**FIGURE 7-18. GROUND TO PLATFORM CABLE INSTALLATION - PLATFORM COIL CABLE ONLY
(USA AND EUROPE BUILT MACHINES)**



ART_1001223651

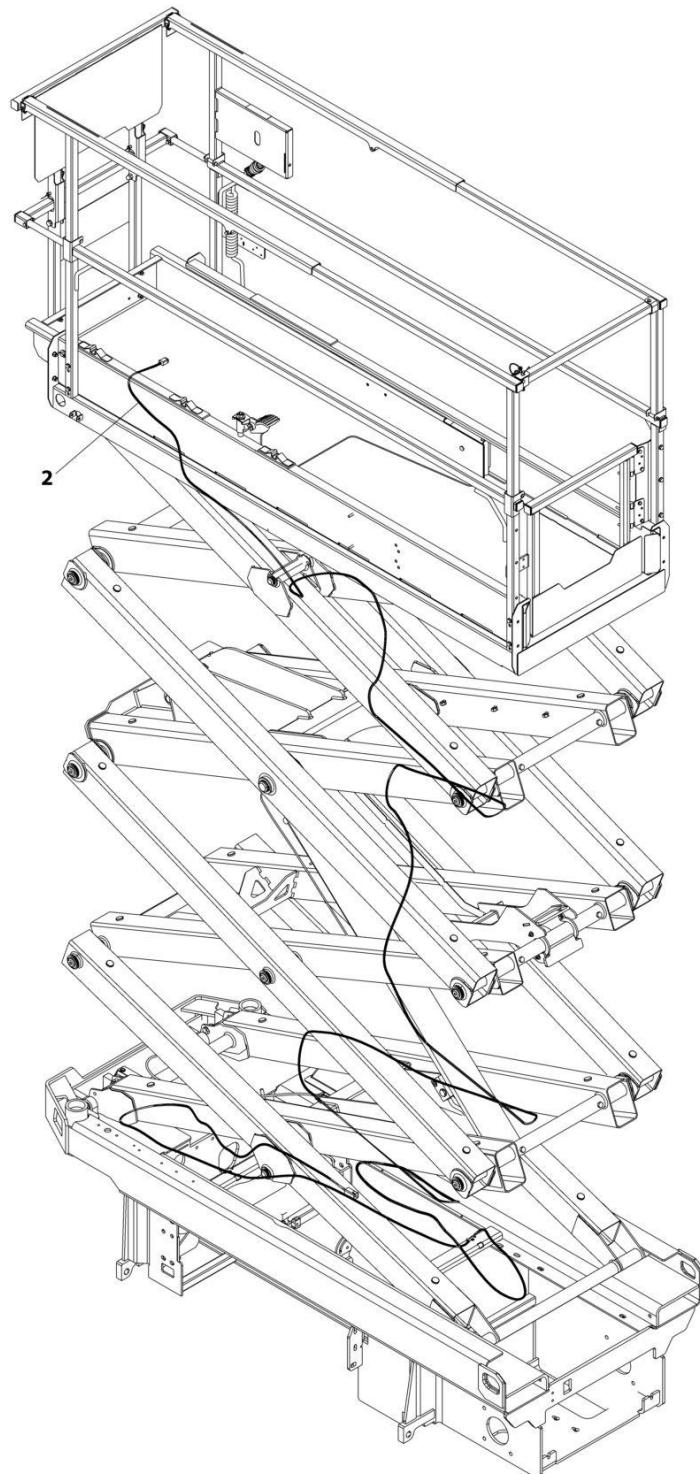
SECTION 7 - ELECTRICAL

**FIGURE 7-18. GROUND TO PLATFORM CABLE INSTALLATION - PLATFORM COIL CABLE ONLY
(USA AND EUROPE BUILT MACHINES)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001223651	Ref	GROUND TO PLATFORM CABLE INSTALLATION	A
1	4240017	AR	Tie-Strap (Not Shown)	
2	1001202184	1	Platform Harness	
2	4460899	1	Receptacle, Female - 6 position (To Platform/AC Cable Connector)	
2	4460464	4	Pin, Male	
2	4460943	2	Pin, Male	
2	4460754	1	Connector - 14 Position (To Console Box)	
2	4460465	8	Socket, Female	
2	4460466	6	Plug, Terminal	

SECTION 7 - ELECTRICAL

FIGURE 7-19. GROUND TO PLATFORM CABLE INSTALLATION - SCISSORS ARMS CABLE ONLY
(USA AND EUROPE BUILT MACHINES)



ART_1001239679

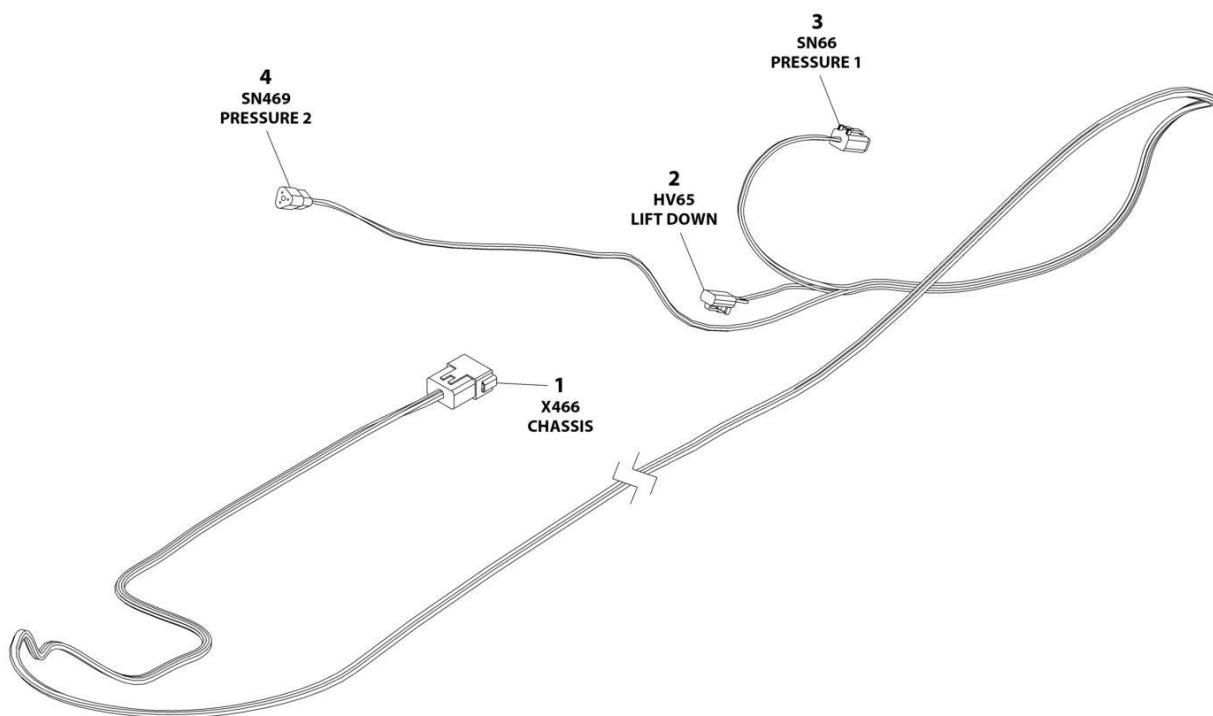
SECTION 7 - ELECTRICAL

**FIGURE 7-19. GROUND TO PLATFORM CABLE INSTALLATION - SCISSORS ARMS CABLE ONLY
(USA AND EUROPE BUILT MACHINES)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239679	Ref	GROUND TO PLATFORM CABLE INSTALLATION	
1	4240017	AR	Tie-Strap (Not Shown)	
2	1001237132	1	Cable Assembly - Ground to Platform	
2	4460894	1	Plug, Male - 6 Position (To Platform Harness Item 2)	
2	4460465	4	Socket, Female	
2	4460944	2	Socket, Female	
2	4460899	1	Receptacle, Female - 6 Position (To Chassis Harness)	
2	4460464	4	Pin, Male	
2	4460943	2	Pin, Male	

SECTION 7 - ELECTRICAL

FIGURE 7-20. LIFT DOWN HARNESS



ART_1001233795

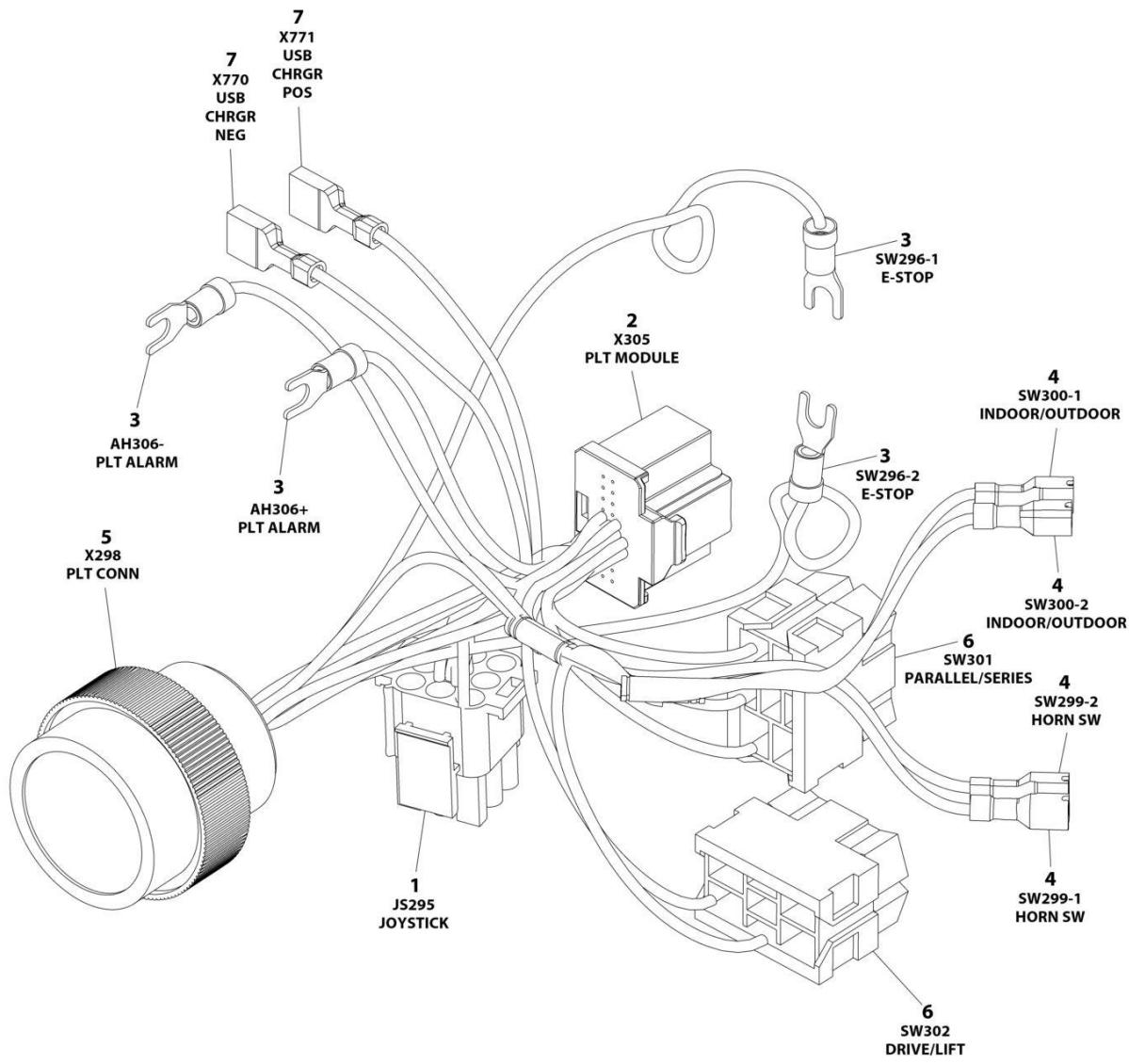
SECTION 7 - ELECTRICAL

FIGURE 7-20. LIFT DOWN HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233795	Ref	LIFT DOWN HARNESS	
1	4460970	1	Receptacle, Female - 12 Position	D
1	4460464	9	Pin, Male	
1	4460466	3	Plug, Terminal	
2	4460891	1	Plug, Male - 4 Position	
2	4460465	2	Socket, Female	
3	4460884	1	Plug, Male - 4 Position	
3	4460465	4	Socket, Female	
4	4460539	1	Plug, Male - 3 Position	
4	4460465	3	Socket, Female	

SECTION 7 - ELECTRICAL

FIGURE 7-21. PLATFORM CONTROL BOX HARNESS



ART_1001200819

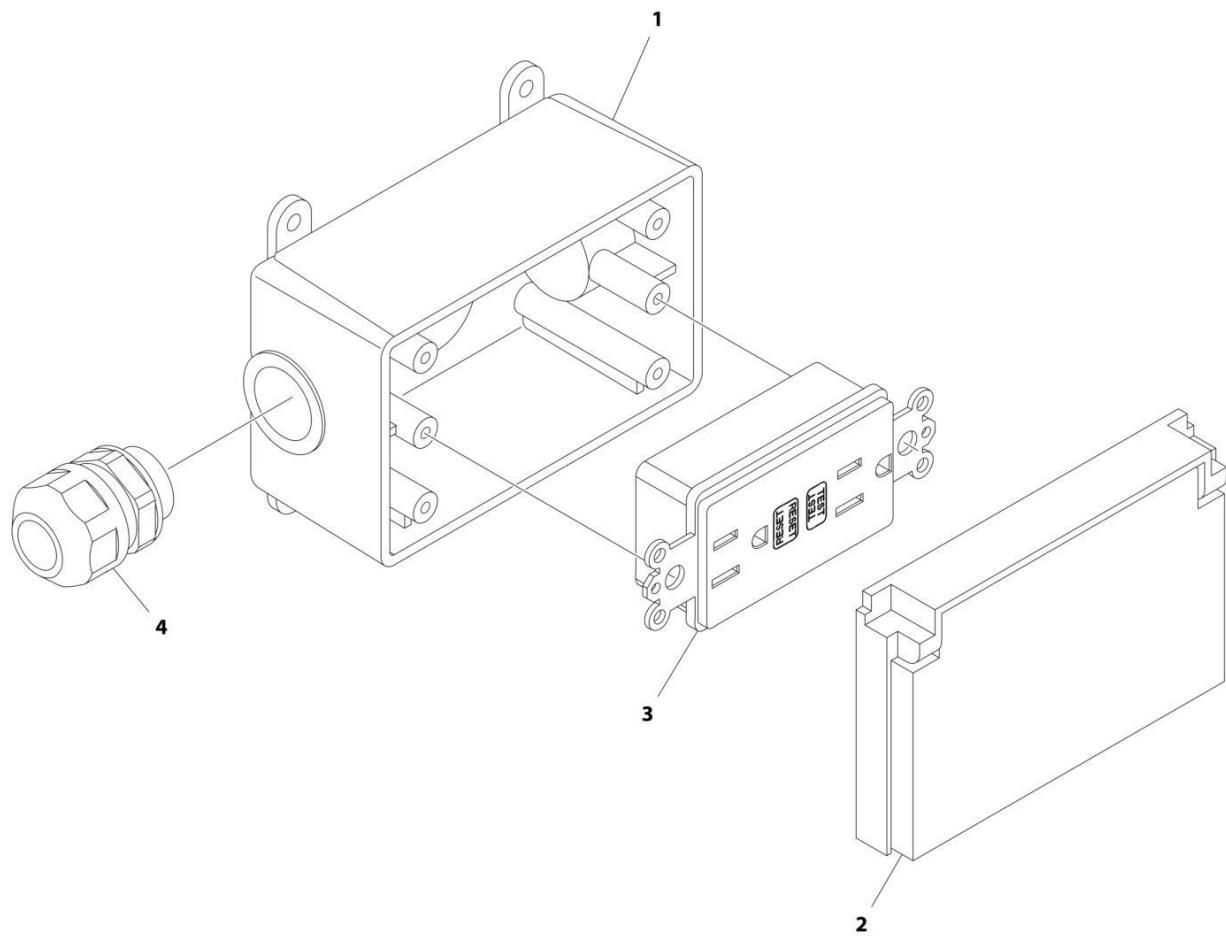
SECTION 7 - ELECTRICAL

FIGURE 7-21. PLATFORM CONTROL BOX HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200819	Ref	PLATFORM CONTROL BOX HARNESS	
1	4460265	1	Plug, Male - 9 Position	E
1	4460267	6	Pin, Male	
2	1001212036	1	Connector - 20 Position	
2	1001212035	16	Terminal	
3	4460183	4	Terminal, Fork	
4	1001201885	4	Terminal with Cover	
5	4461016	1	Connector - 14 Position	
5	4460464	8	Pin, Male	
5	4460466	6	Plug, Terminal	
6	4460418	2	Connector - 6 Position	
6	1001159186	5	Terminal	
7	1001194421	2	Terminal	

SECTION 7 - ELECTRICAL

FIGURE 7-22. RECEPTACLE BOX KIT - 110V GFI



ART_2902431

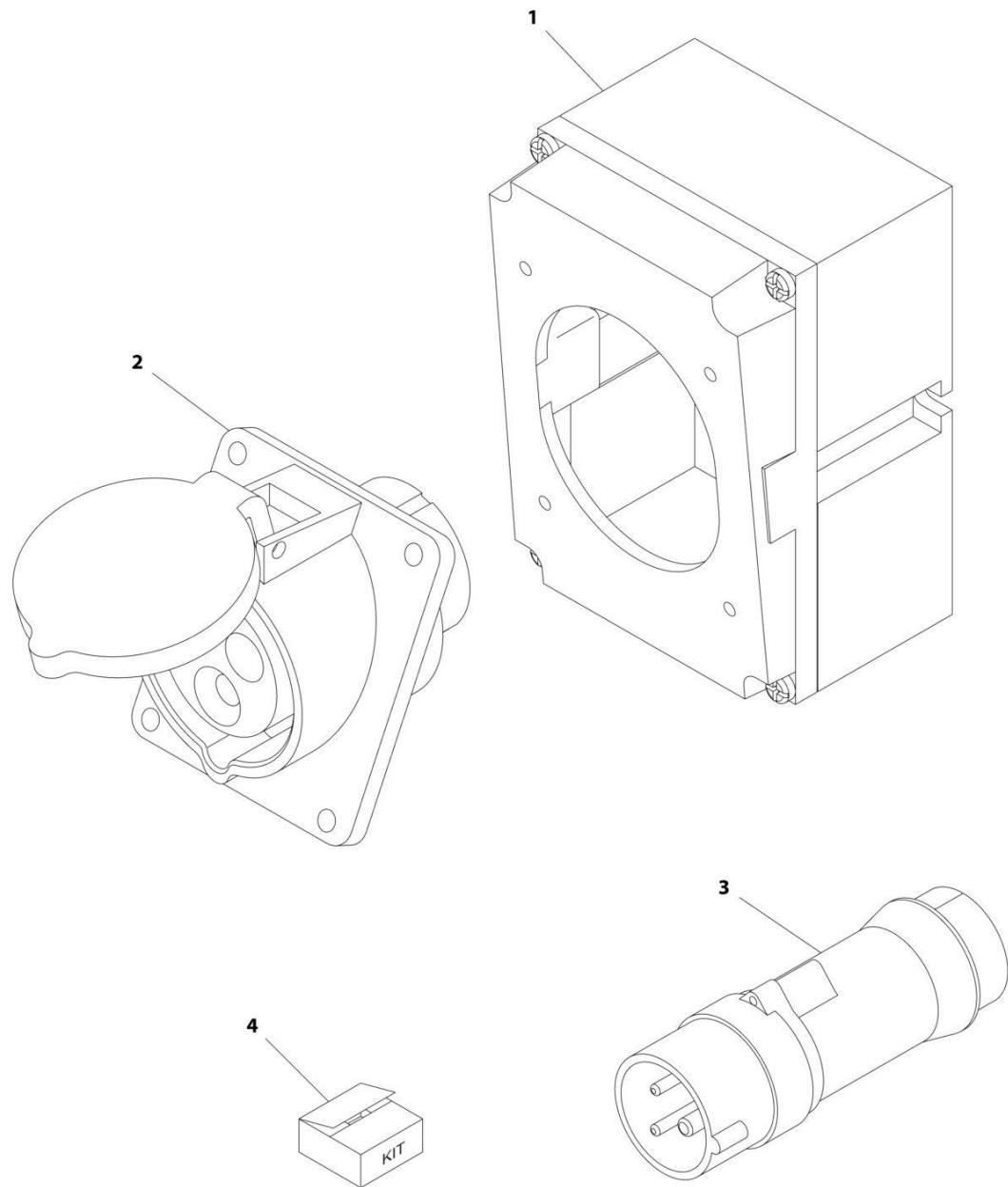
SECTION 7 - ELECTRICAL

FIGURE 7-22. RECEPTACLE BOX KIT - 110V GFI

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	2902431	Ref	RECEPTACLE BOX KIT - 110V GFI	D
1	0861731	1	Box, Receptacle	
2	1671207	1	Cover, Receptacle	
3	4460346	1	Receptacle	
4	4460662	1	Connector, Strain Relief	

SECTION 7 - ELECTRICAL

FIGURE 7-23. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE SPEC)



ART_0275217

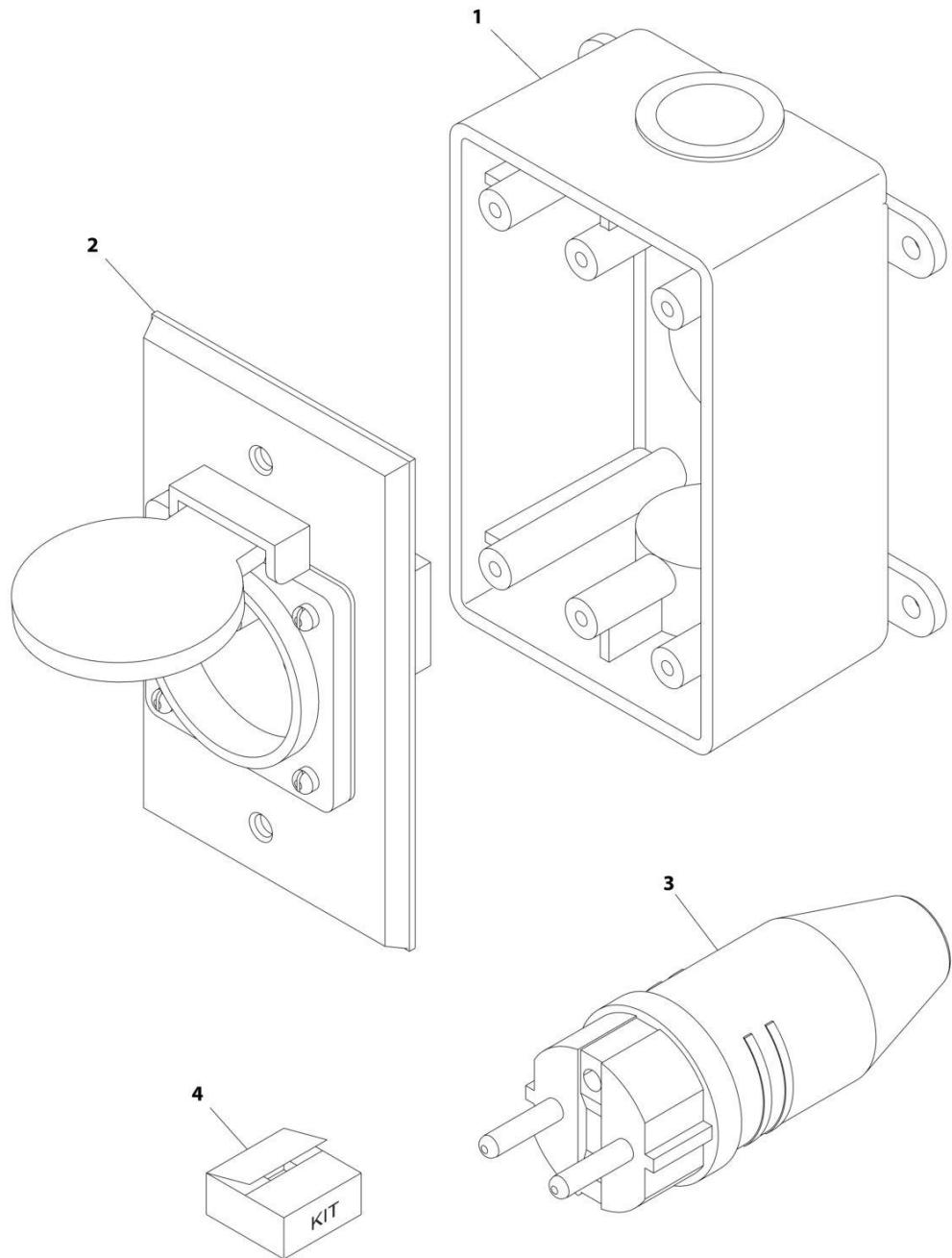
SECTION 7 - ELECTRICAL

FIGURE 7-23. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	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 7 - ELECTRICAL

FIGURE 7-24. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND (CE SPEC)



ART_0275452-C

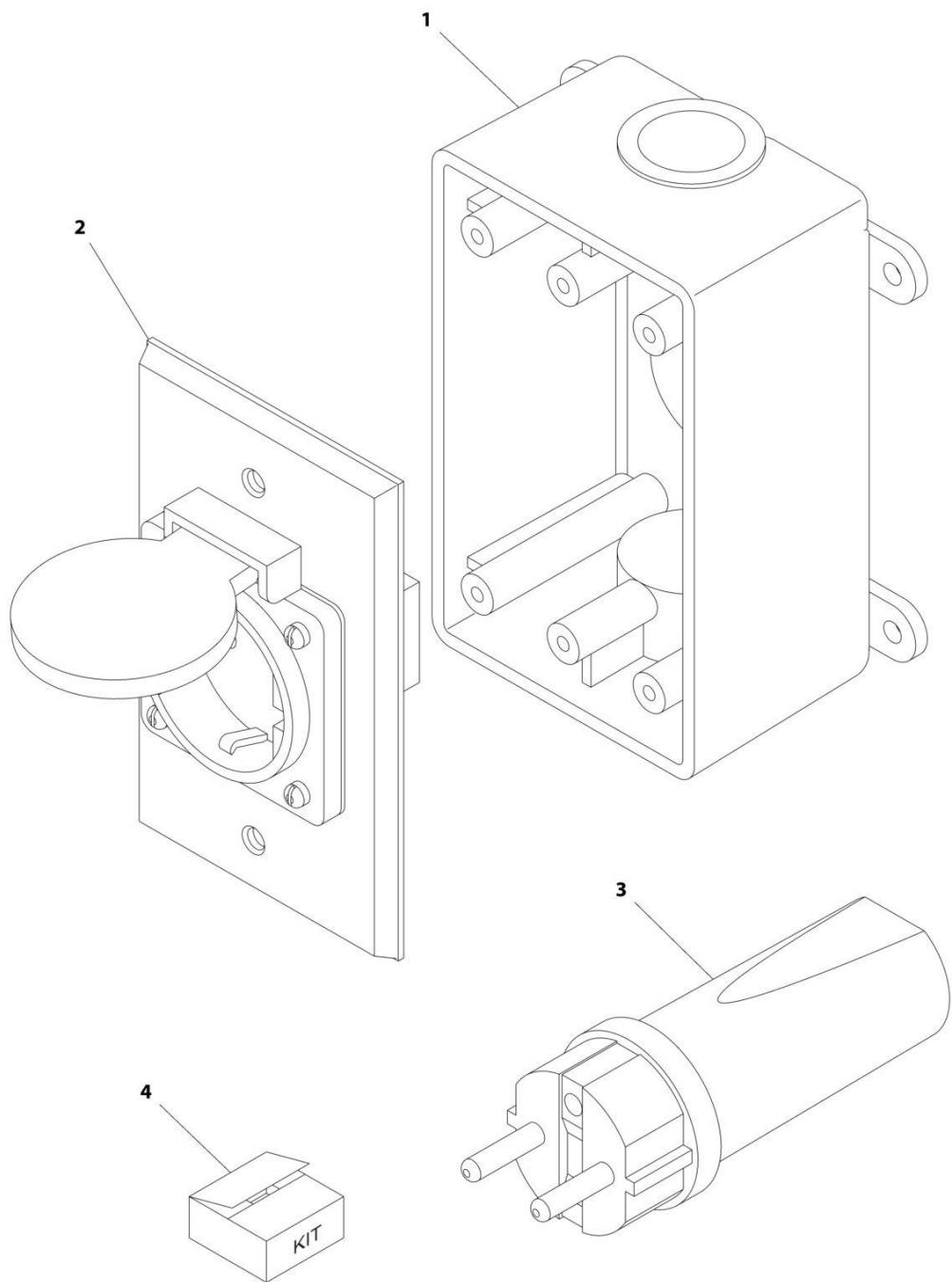
SECTION 7 - ELECTRICAL

FIGURE 7-24. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275452	Ref	RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2IN X 4IN BOX	
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)	C

SECTION 7 - ELECTRICAL

FIGURE 7-25. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND (CE SPEC)



ART_0275453

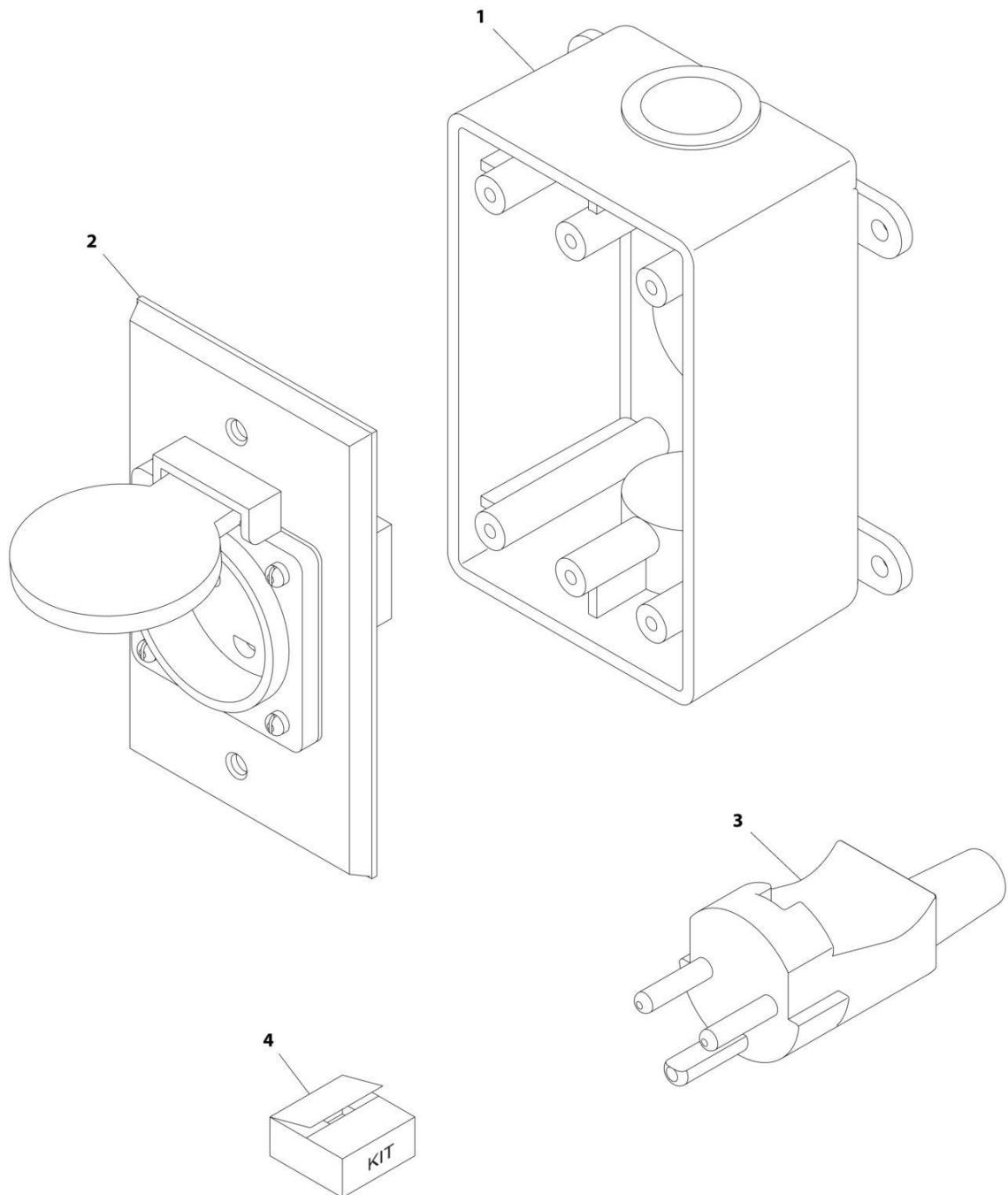
SECTION 7 - ELECTRICAL

FIGURE 7-25. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND (CE SPEC)

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

SECTION 7 - ELECTRICAL

FIGURE 7-26. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE SPEC)



ART_0275454

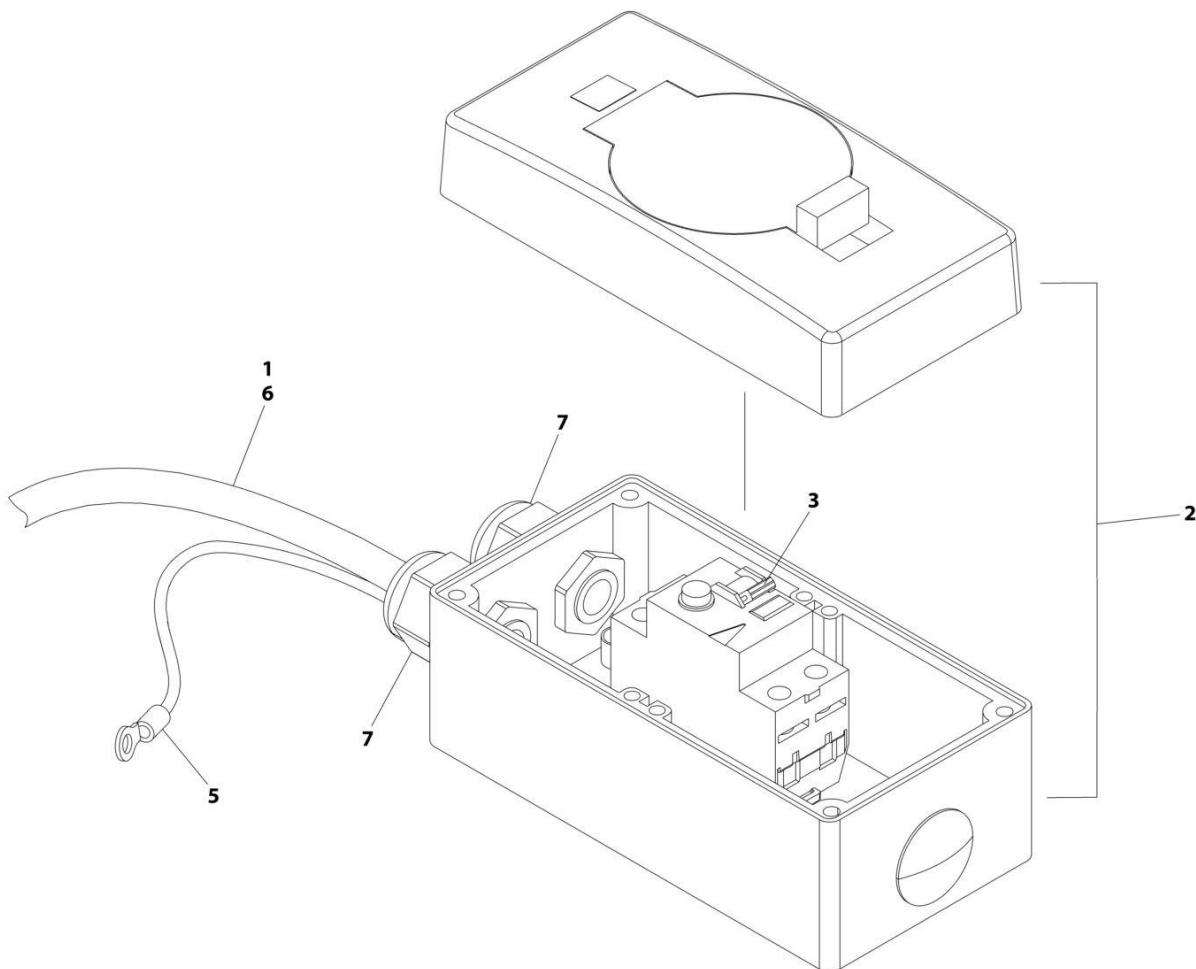
SECTION 7 - ELECTRICAL

FIGURE 7-26. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE SPEC)

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

SECTION 7 - ELECTRICAL

FIGURE 7-27. BREAKER BOX KIT (AUSTRALIAN SPEC)



ART_1001245739

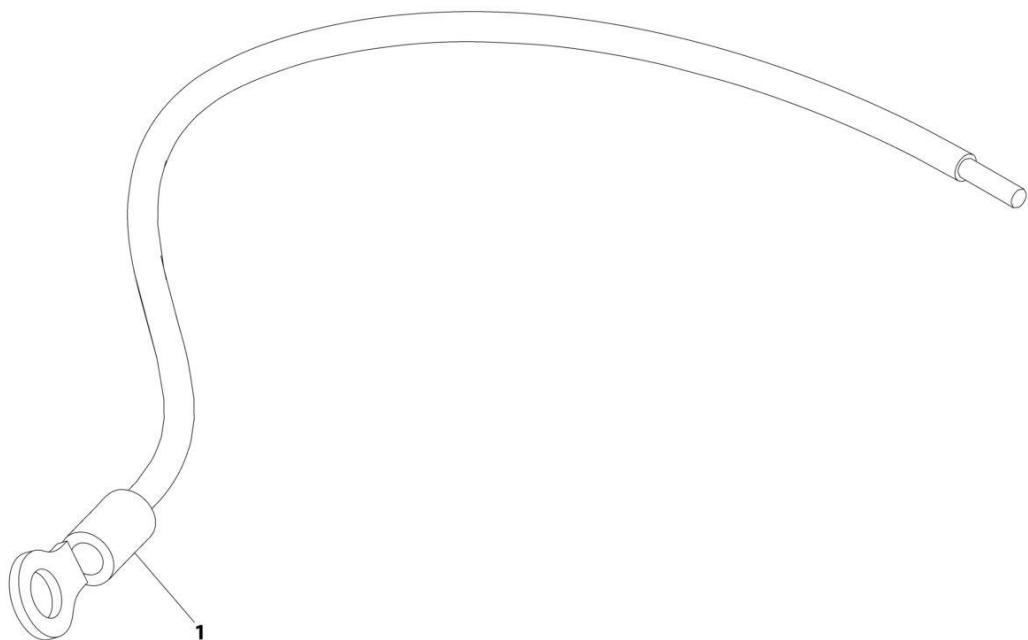
SECTION 7 - ELECTRICAL

FIGURE 7-27. BREAKER BOX KIT (AUSTRALIAN SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001245739 1060908	Ref 825 mm/ 32.5in	BREAKER BOX KIT Cable	B
2	1001227269	1	Enclosure	
3	1001228191	1	Breaker	
4	1001245743	1	Terminal (Not Shown)	
5	1001245744	1	Earth/Ground Link Harness	
6	1001125927	1	Conduit	
7	1001097150	2	Connector	

SECTION 7 - ELECTRICAL

FIGURE 7-28. EARTH / GROUND LINK HARNESS



ART_1001245744

SECTION 7 - ELECTRICAL

FIGURE 7-28. EARTH / GROUND LINK HARNESS

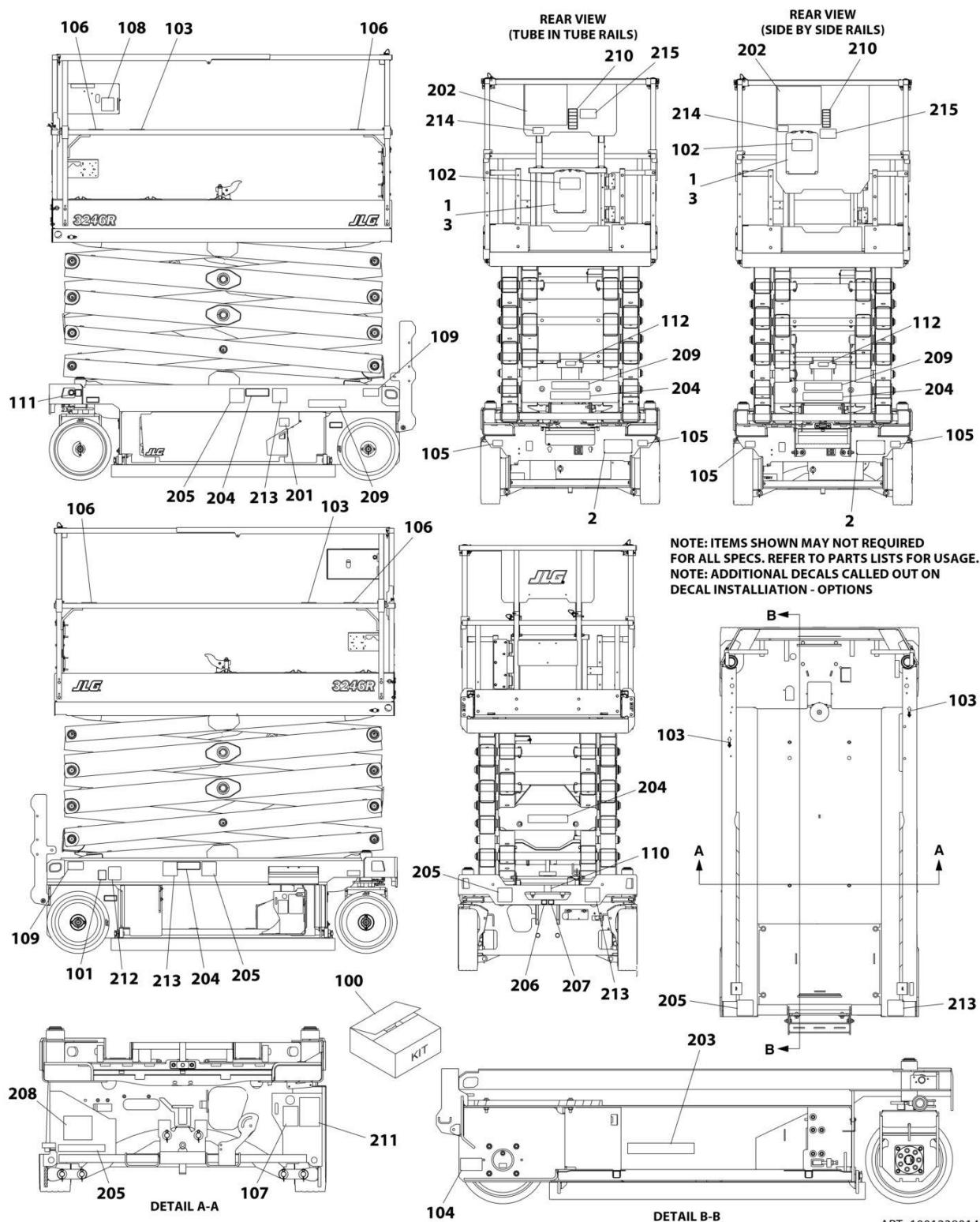
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001245744 4460043	Ref 1	EARTH / GROUND LINK HARNESS Terminal Ring	A

SECTION 8 - DECALS

SECTION 8 - DECALS

SECTION 8 - DECALS

FIGURE 8-1. DECAL INSTALLATION (ANSI SPECS)



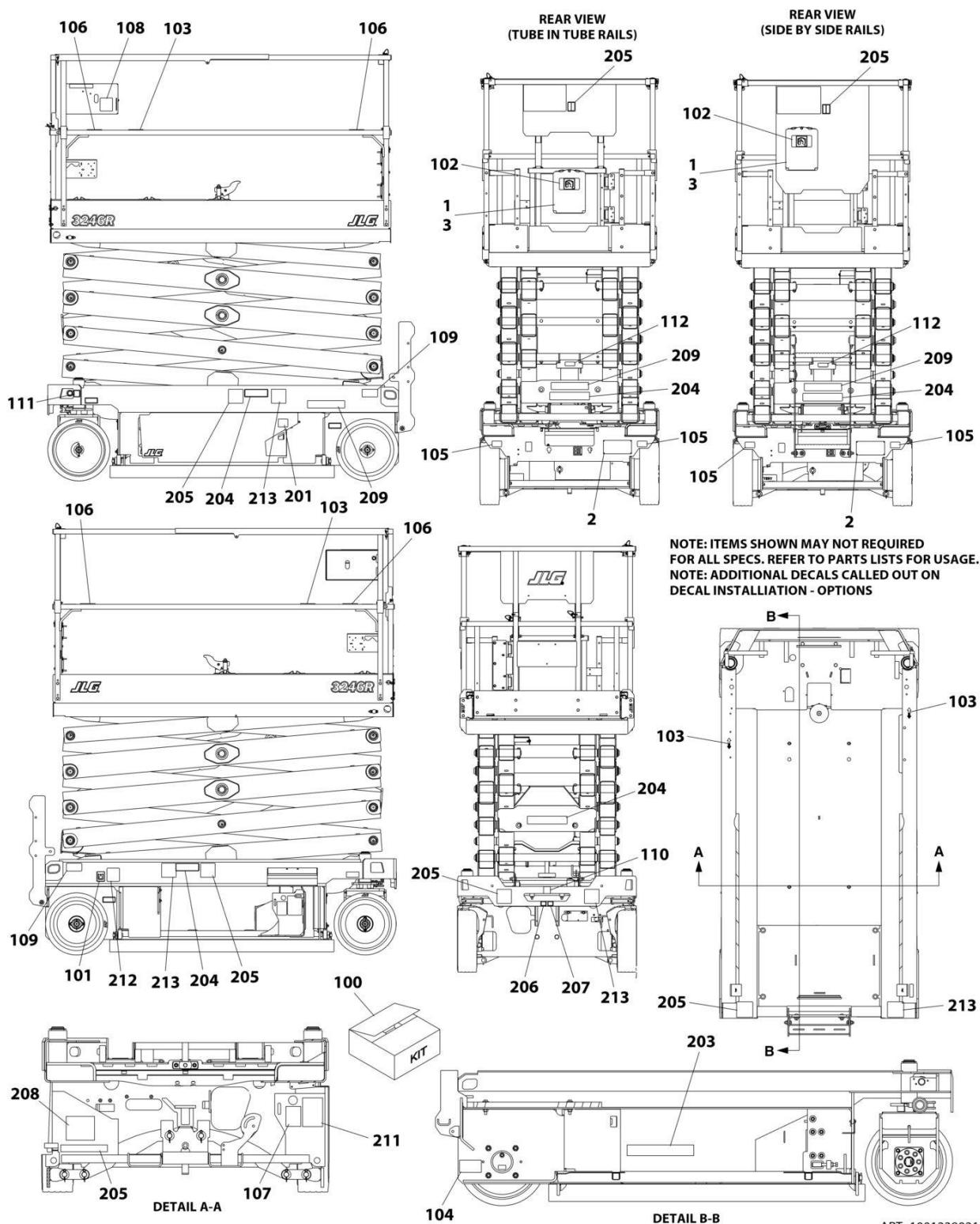
SECTION 8 - DECALS

FIGURE 8-1. DECAL INSTALLATION (ANSI SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238014	Ref	DECAL INSTALLATION (ENGLISH LANGUAGE)	
1	2080040	3	Fastener	C
2	2080057	4	Fastener	
3	8990147	1	Holder, Manual	
100	1001239270	1	Master Decal Kit	D
101	1701504	1	Decal - Hydraulic Oil	
102	1701640	1	Decal - Manual	
103	1703819	4	Decal - Direction Arrow	
104	1703822	1	Decal - Manual Descent Instructions (Prior to SN B200054639)	
104	1001248126	1	Decal - Manual Descent Instructions (SN B200054639 to Present)	
105	1704016	2	Decal - Fork Lift	
106	1704277	4	Decal - Lanyard Attach	
107	1704412	1	Decal - Hydraulic Oil	
108	1001132359	1	Decal - Control Box Locate	
109	1001162864	2	Decal - Lift Point/Tie Down	
110	1001212290	1	Decal - Tie Down	
111	1001212291	2	Decal - Lifting Lug	
112	1001237899	1	Decal - Arms Prop	
201	1702155	1	Decal - Battery Disconnect	
202	1703816	1	Decal - Danger/Warning	
203	1001146794	1	Decal - Battery/Charger Service	
204	1001211777	4	Decal - Crushing Hazard	
205	1001211779	4	Decal - Electrocution	
206	1001212292	1	Decal - No Lifting	
207	1001212293	1	Decal - No Forklift	
208	1001237538	1	Decal - Battery Spacer	
209	1703813	2	Decal - Warning Battery Ventilation	
210	1705686	1	Decal - Legend	
211	1001131270	1	Decal - Patent	
212	1001223055	1	Decal - Yearly Inspection	
214	1001228370	1	Decal - ICES (SN B200054639 to Present)	
215	1001231801	1	Decal - Warning Prop 65 (SN B200054639 to Present)	

SECTION 8 - DECALS

FIGURE 8-2. DECAL INSTALLATION (AUSTRALIAN SPECS)



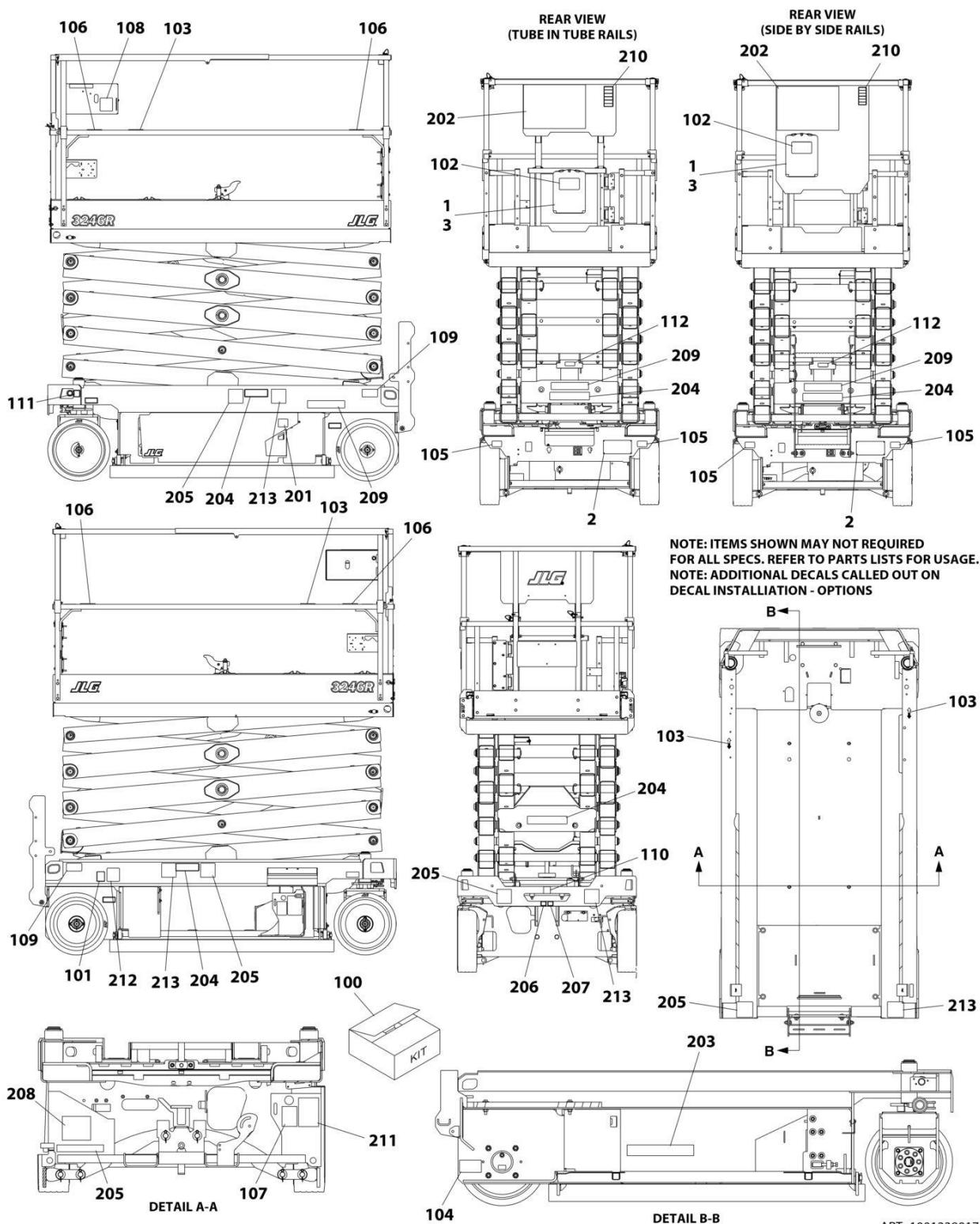
SECTION 8 - DECALS

FIGURE 8-2. DECAL INSTALLATION (AUSTRALIAN SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238021	Ref	DECAL INSTALLATION (ENGLISH LANGUAGE)	
1	2080040	3	Fasteners	C
2	2080057	4	Fasteners	
3	8990147	1	Holder, Manual	
100	1001239270	1	Master Decal Kit	D
101	1701504	1	Decal - Hydraulic Oil	
102	1701640	1	Decal - Manual	
103	1703819	4	Decal - Direction Arrow	
104	1703822	1	Decal - Manual Descent Instructions (Prior to SN B200054639)	
104	1001248126	1	Decal - Manual Descent Instructions (SN B200054639 to Present)	
105	1704016	2	Decal - Fork Lift	
106	1704277	4	Decal - Lanyard Attach Graphic	
107	1704412	1	Decal - Hydraulic Oil	
108	1001132359	1	Decal - Control Box Locate	
109	1001162864	2	Decal - Lift Point/Tie Down	
110	1001212290	1	Decal - Tie Down	
111	1001212291	2	Decal - Lifting Lug	
112	1001237899	1	Decal - Arms Prop	
201	1702155	1	Decal - Battery Disconnect	
203	1001146794	1	Decal - Battery/Charger Service	
204	1705673	4	Decal - Crushing	
205	1705671	5	Decal - Electrocution	
206	1001212292	1	Decal - No Lifting	
207	1001212293	1	Decal - No Forklift	
208	1001237538	1	Decal - Battery Spacer	
209	1705670	2	Decal - Fire Hazard	

SECTION 8 - DECALS

FIGURE 8-3. DECAL INSTALLATION (BRAZIL SPECS)



**NOTE: ITEMS SHOWN MAY NOT REQUIRED
FOR ALL SPECS. REFER TO PARTS LISTS FOR USAGE.
NOTE: ADDITIONAL DECALS CALLED OUT ON
DECAL INSTALLATION - OPTIONS**

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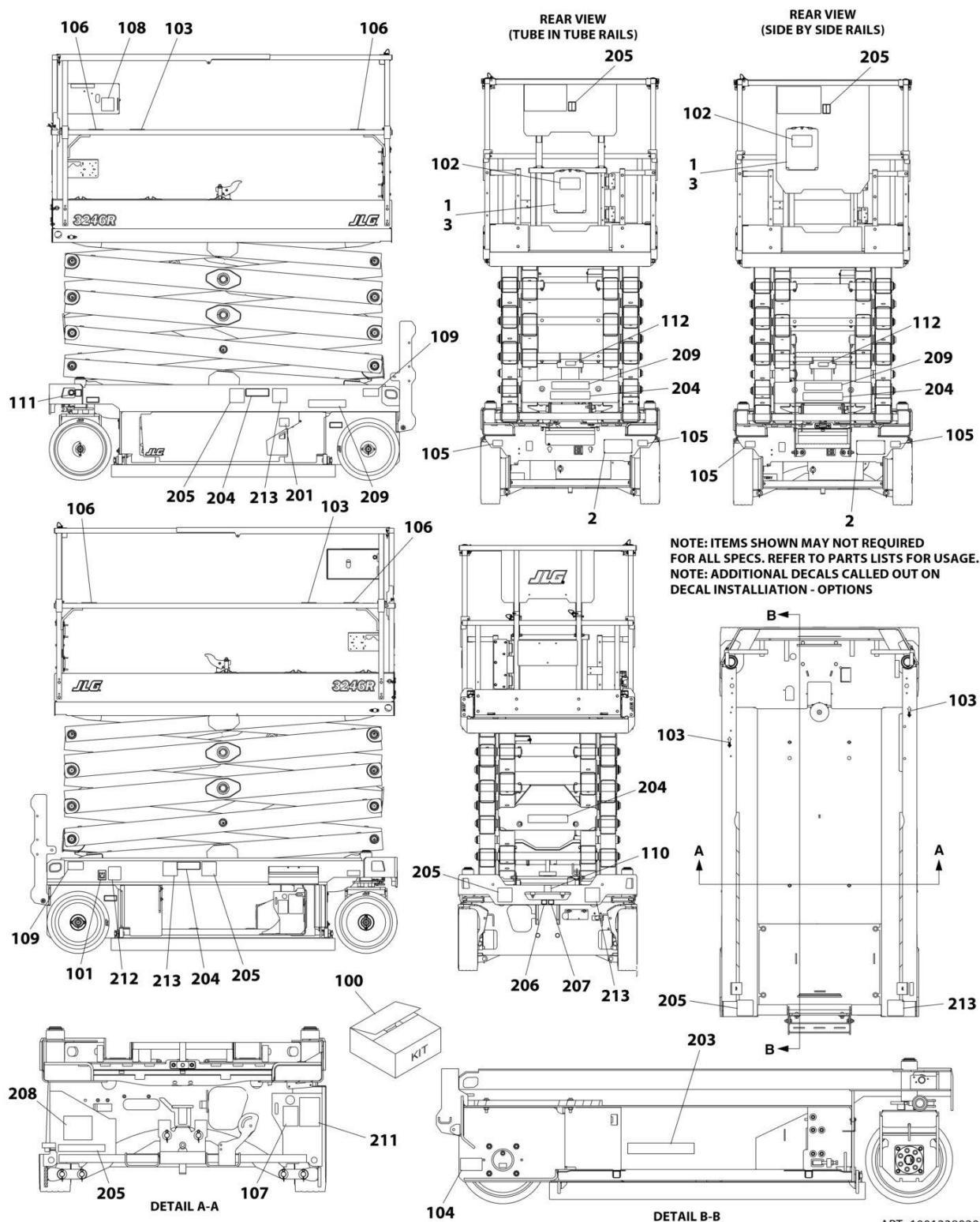
SECTION 8 - DECALS

FIGURE 8-3. DECAL INSTALLATION (BRAZIL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238017	Ref	DECAL INSTALLATION (SPANISH/PORTUGUESE LANGUAGE)	
1	2080040	3	Fastener	B
2	2080057	4	Fastener	
3	8990147	1	Holder, Manual	
100	1001239270	1	Master Decal Kit	D
101	1701504	1	Decal - Hydraulic Oil	
102	1701640	1	Decal - Manual	
103	1703819	4	Decal - Direction Arrow	
104	1703822	1	Decal - Manual Descent Instructions (Prior to SN B200054639)	
104	1001248126	1	Decal - Manual Descent Instructions (SN B200054639 to Present)	
105	1704016	2	Decal - Fork Lift	
106	1704277	4	Decal - Lanyard Attach	
107	1704412	1	Decal - Hydraulic Oil	
108	1001132359	1	Decal - Control Box Locate	
109	1001162864	2	Decal - Lift Point/Tie Down	
110	1001212290	1	Decal - Tie Down	
111	1001212291	2	Decal - Lifting Lug	
112	1001237899	1	Decal - Arms Prop	
201	1702155	1	Decal - Battery Disconnect	
202	1704699	1	Decal - Danger/Warning	
203	1001146794	1	Decal - Battery/Charger Service	
204	1001216650	4	Decal - Crushing Hazard	
205	1001215748	4	Decal - Electrocution	
206	1001212292	1	Decal - No Lifting	
207	1001212293	1	Decal - No Forklift	
208	1001237538	1	Decal - Battery Spacer	
209	1704341	2	Decal - Warning Battery Ventilation	
210	1705726	1	Decal - Legend	
212	1001224052	1	Decal - Yearly Inspection	
213	1001216648	4	Decal - Danger Electrocution	

SECTION 8 - DECALS

FIGURE 8-4. DECAL INSTALLATION (CE SPECS)



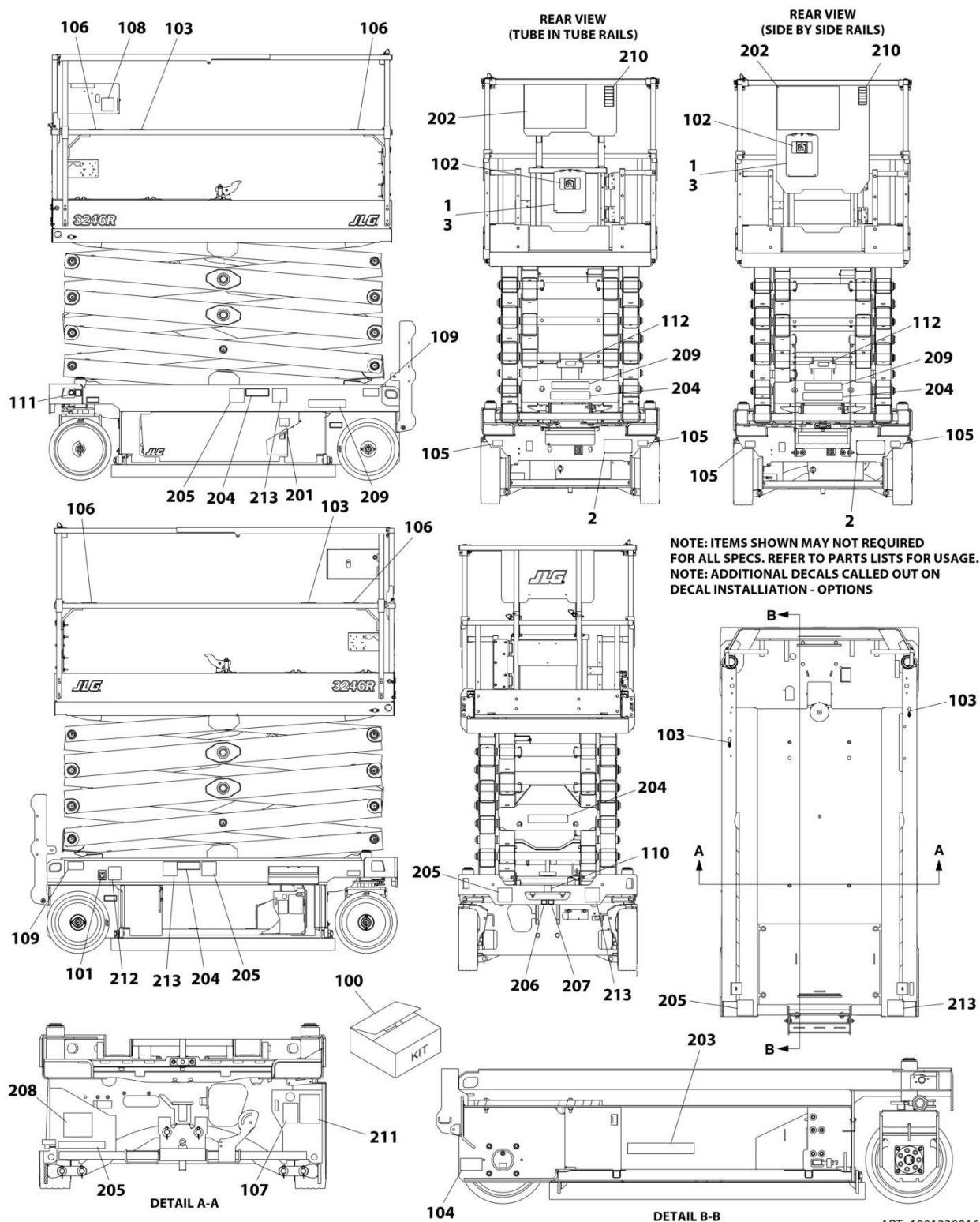
SECTION 8 - DECALS

FIGURE 8-4. DECAL INSTALLATION (CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238020	Ref	DECAL INSTALLATION (ENGLISH LANGUAGE)	
1	2080040	3	Fastener	C
2	2080057	4	Fastener	
3	8990147	1	Holder, Manual	
100	1001239270	1	Master Decal Kit	D
101	1701504	1	Decal - Hydraulic Oil	
102	1701640	1	Decal - Manual	
103	1703819	4	Decal - Direction Arrow	
104	1703822	1	Decal - Manual Descent Instructions (Prior to SN B200054639)	
104	1001248126	1	Decal - Manual Descent Instructions (SN B200054639 to Present)	
105	1704016	2	Decal - Fork Lift	
106	1704277	4	Decal - Lanyard Attach	
107	1704412	1	Decal - Hydraulic Oil	
108	1001132359	1	Decal - Control Box Locate	
109	1001162864	2	Decal - Lift Point/Tie Down	
110	1001212290	1	Decal - Tie Down	
111	1001212291	2	Decal - Lifting Lug	
112	1001237899	1	Decal - Arms Prop	
201	1702155	1	Decal - Battery Disconnect	
203	1001146795	1	Decal - Battery/Charger Service	
204	1705673	4	Decal - Crushing	
205	1705671	5	Decal - Electrocution	
206	1001212292	1	Decal - No Lifting	
207	1001212293	1	Decal - No Forklift	
208	1001237538	1	Decal - Battery Spacer	
209	1705670	2	Decal - Fire Hazard	

SECTION 8 - DECALS

FIGURE 8-5. DECAL INSTALLATION (CHINA SPECS)



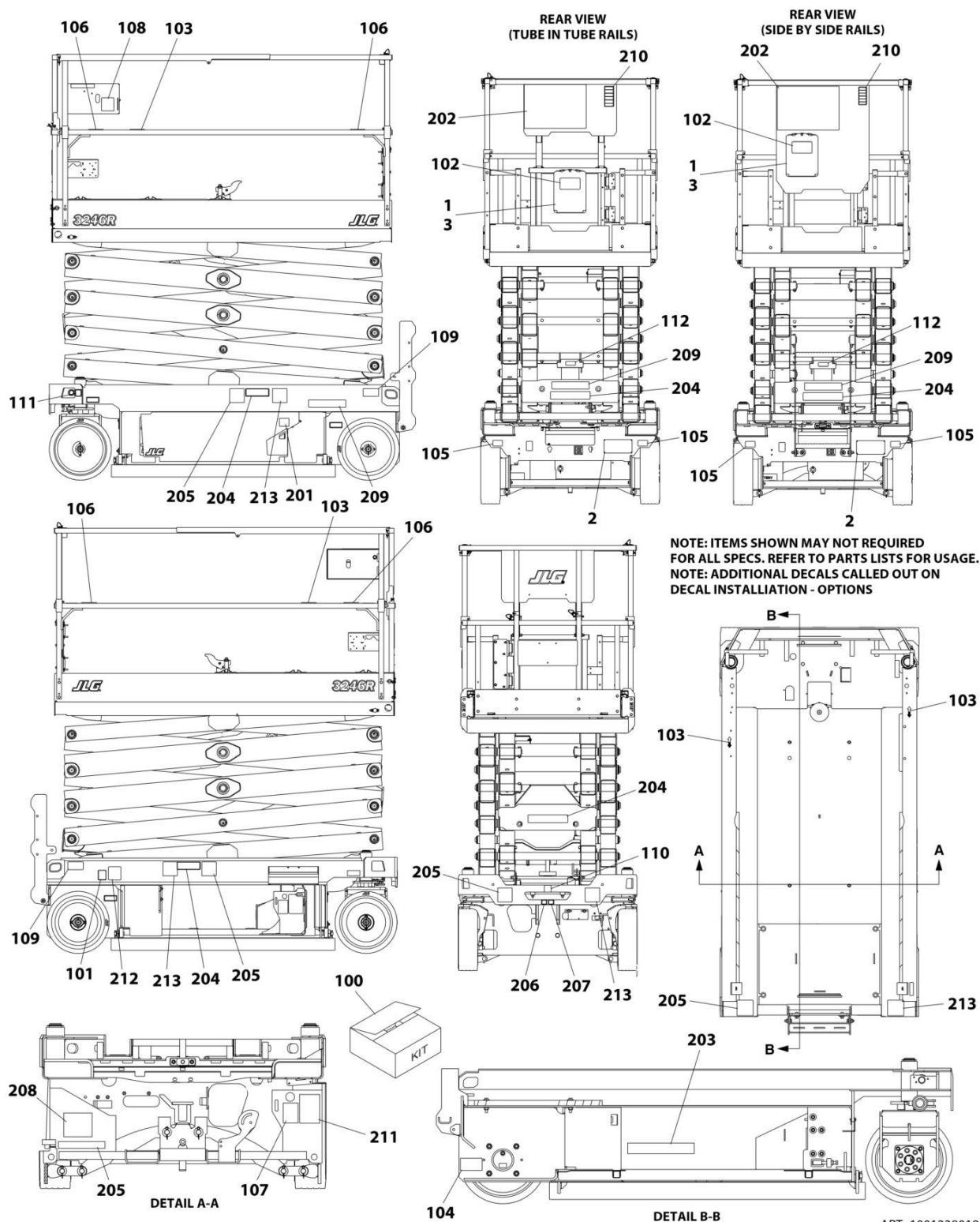
SECTION 8 - DECALS

FIGURE 8-5. DECAL INSTALLATION (CHINA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238016	Ref	DECAL INSTALLATION (ENGLISH/CHINESE LANGUAGE)	
1	2080040	3	Fastener	C
2	2080057	4	Fastener	
3	8990147	1	Holder, Manual	
100	1001239270	1	Master Decal Kit	D
101	1701504	1	Decal - Hydraulic Oil	
102	1701640	1	Decal - Manual	
103	1703819	4	Decal - Direction Arrow	
104	1703822	1	Decal - Manual Descent Instructions (Prior to SN B200054639)	
104	1001248126	1	Decal - Manual Descent Instructions (SN B200054639 to Present)	
105	1704016	2	Decal - Fork Lift	
106	1704277	4	Decal - Lanyard Attach	
107	1704412	1	Decal - Hydraulic Oil	
108	1001132359	1	Decal - Control Box Locate	
109	1001162864	2	Decal - Lift Point/Tie Down	
110	1001212290	1	Decal - Tie Down	
111	1001212291	2	Decal - Lifting Lug	
112	1001237899	1	Decal - Arms Prop	
201	1702155	1	Decal - Battery Disconnect	
202	1705195	1	Decal - Danger/Warning	
203	1001146794	1	Decal - Battery/Charger Service	
204	1001215752	4	Decal - Crushing Hazard	
205	1001211779	4	Decal - Electrocution	
206	1001212292	1	Decal - No Lifting	
207	1001212293	1	Decal - No Forklift	
208	1001237538	1	Decal - Battery Spacer	
209	1704344	2	Decal - Warning Battery Ventilation	
210	1705946	1	Decal - Legend	
212	1001224051	1	Decal - Yearly Inspection	
213	1001215747	4	Decal - Danger Electrocution	

SECTION 8 - DECALS

FIGURE 8-6. DECAL INSTALLATION (CSA SPECS)



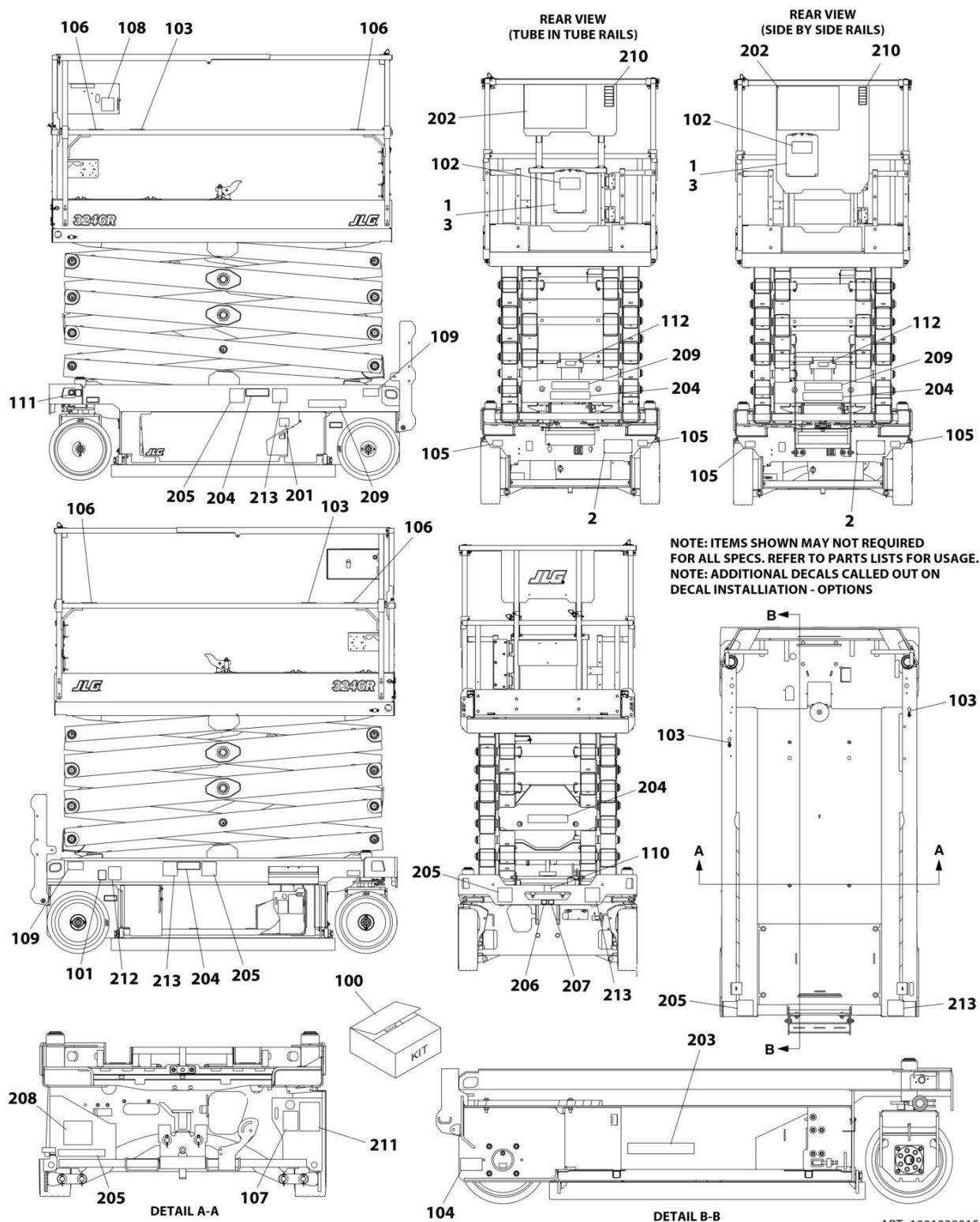
SECTION 8 - DECALS

FIGURE 8-6. DECAL INSTALLATION (CSA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238019	Ref	DECAL INSTALLATION (ENGLISH/FRENCH LANGUAGE)	
1	2080040	3	Fastener	B
2	2080057	4	Fastener	
3	8990147	1	Holder, Manual	
100	1001239270	1	Master Decal Kit	D
101	1701504	1	Decal - Hydraulic Oil	
102	1701640	1	Decal - Manual	
103	1703819	4	Decal - Direction Arrow	
104	1703822	1	Decal - Manual Descent Instructions (Prior to SN B200054639)	
104	1001248126	1	Decal - Manual Descent Instructions (SN B200054639 to Present)	
105	1704016	2	Decal - Fork Lift	
106	1704277	4	Decal - Lanyard Attach	
107	1704412	1	Decal - Hydraulic Oil	
108	1001132359	1	Decal - Control Box Locate	
109	1001162864	2	Decal - Lift Point/Tie Down	
110	1001212290	1	Decal - Tie Down	
111	1001212291	2	Decal - Lifting Lug	
112	1001237899	1	Decal - Arms Prop	
201	1702155	1	Decal - Battery Disconnect	
202	1704684	1	Decal - Danger/Warning	
203	1001146794	1	Decal - Battery/Charger Service	
204	1705311	4	Decal - Crushing Hazard	
205	1001211779	4	Decal - Electrocution	
206	1001212292	1	Decal - No Lifting	
207	1001212293	1	Decal - No Forklift	
208	1001237538	2	Decal - Battery Spacer	
209	1704340	1	Decal - Warning Battery Ventilation	
210	1705723	1	Decal - Legend	
211	1001131270	1	Decal - Patent	
212	1001223971	1	Decal - Yearly Inspection	
213	1001215749	4	Decal - Danger Electrocution	

SECTION 8 - DECALS

FIGURE 8-7. DECAL INSTALLATION (KOREAN SPECS)



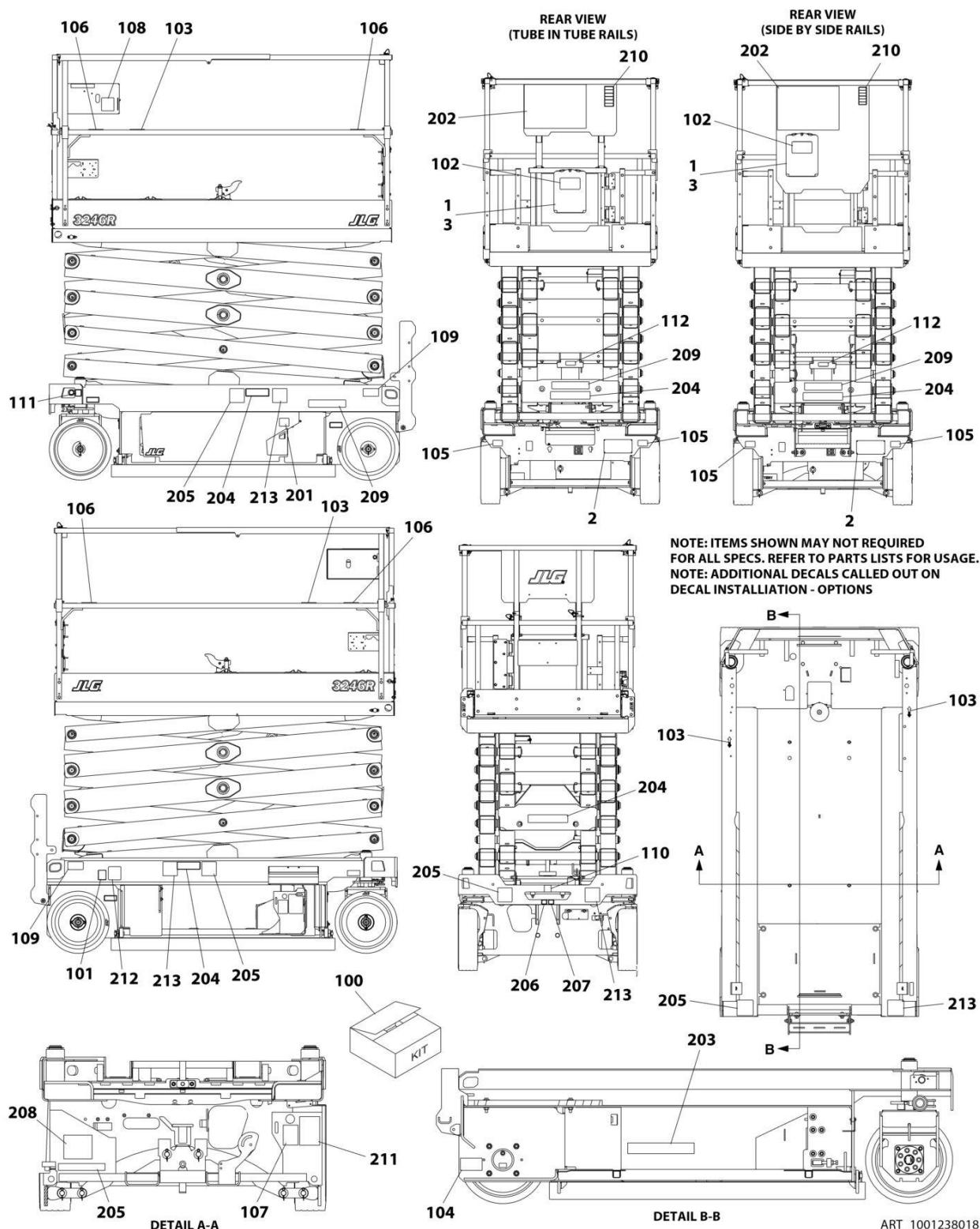
SECTION 8 - DECALS

FIGURE 8-7. DECAL INSTALLATION (KOREAN SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238015	Ref	DECAL INSTALLATION (ENGLISH/KOREAN LANGUAGES)	
1	2080040	3	Fastener	C
2	2080057	4	Fastener	
3	8990147	1	Holder, Manual	
100	1001239270	1	Master Decal Kit	D
101	1701504	1	Decal - Hydraulic Oil	
102	1701640	1	Decal - Manual	
103	1703819	4	Decal - Direction Arrow	
104	1703822	1	Decal - Manual Descent Instructions (Prior to SN B200054639)	
104	1001248126	1	Decal - Manual Descent Instructions (SN B200054639 to Present)	
105	1704016	2	Decal - Fork Lift	
106	1704277	4	Decal - Lanyard Attach	
107	1704412	1	Decal - Hydraulic Oil	
108	1001132359	1	Decal - Control Box Locate	
109	1001162864	2	Decal - Lift Point/Tie Down	
110	1001212290	1	Decal - Tie Down	
111	1001212291	2	Decal - Lifting Lug	
112	1001237899	1	Decal - Arms Prop	
201	1702155	1	Decal - Battery Disconnect	
202	1001162115	1	Decal - Danger/Warning	
203	1001146794	1	Decal - Battery/Charger Service	
204	1001215751	4	Decal - Crushing Hazard	
205	1001211779	4	Decal - Electrocution	
206	1001212292	1	Decal - No Lifting	
207	1001212293	1	Decal - No Forklift	
208	1001237538	1	Decal - Battery Spacer	
209	1707022	2	Decal - Warning Battery Ventilation	
210	1706057	1	Decal - Legend	
212	1001224048	1	Decal - Yearly Inspection	
213	1001215750	4	Decal - Danger Electrocution	

SECTION 8 - DECALS

FIGURE 8-8. DECAL INSTALLATION (LATIN AMERICAN SPECS)



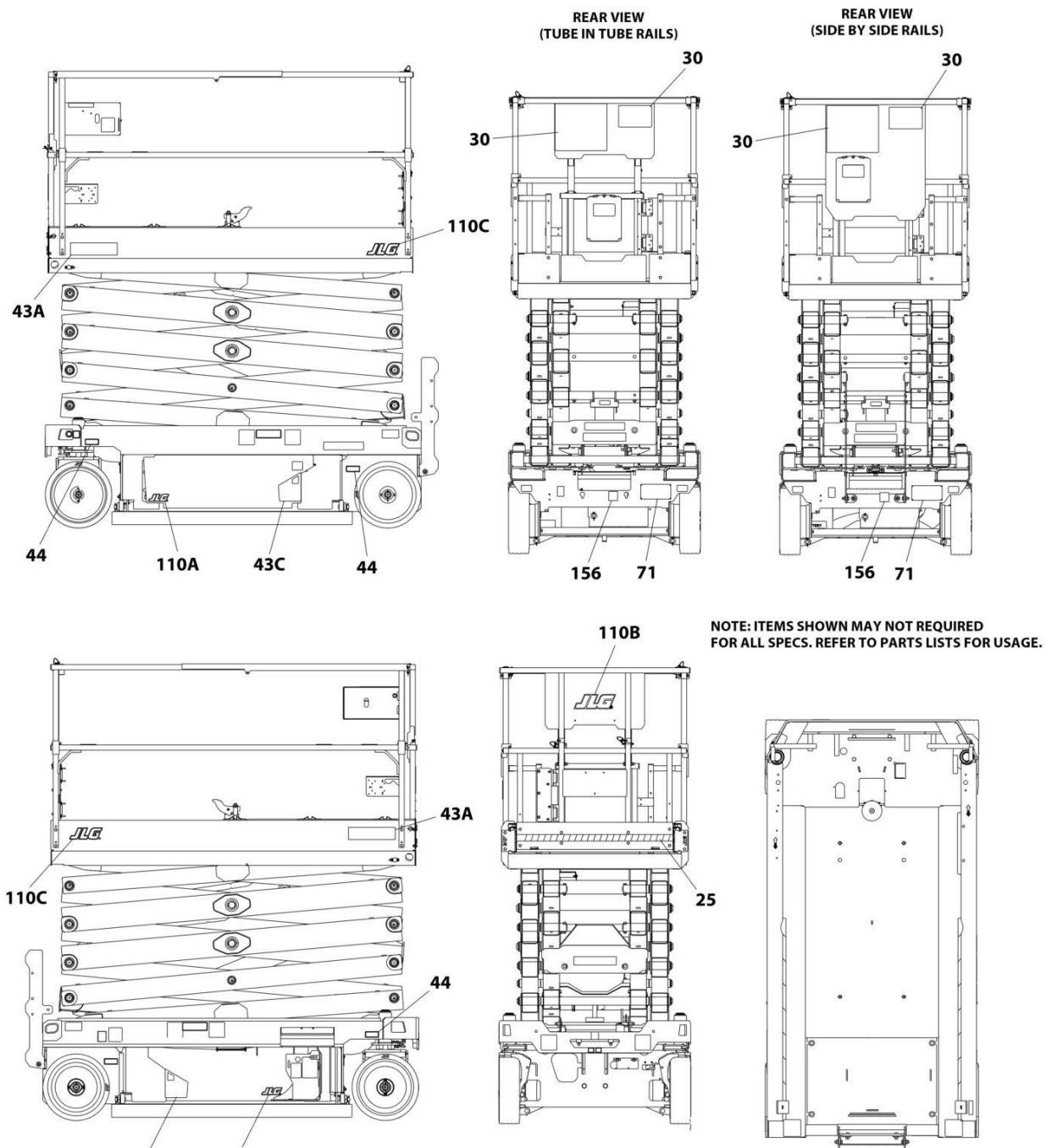
SECTION 8 - DECALS

FIGURE 8-8. DECAL INSTALLATION (LATIN AMERICAN SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238018	Ref	DECAL INSTALLATION (ENGLISH/SPANISH LANGUAGES)	
1	2080040	3	Fastener	B
2	2080057	4	Fastener	
3	8990147	1	Holder, Manual	
100	1001239270	1	Master Decal Kit	D
101	1701504	1	Decal - Hydraulic Oil	
102	1701640	1	Decal - Manual	
103	1703819	4	Decal - Direction Arrow	
104	1703822	1	Decal - Manual Descent Instructions (Prior to SN B200054639)	
104	1001248126	1	Decal - Manual Descent Instructions (SN B200054639 to Present)	
105	1704016	2	Decal - Fork Lift	
106	1704277	4	Decal - Lanyard Attach	
107	1704412	1	Decal - Hydraulic Oil	
108	1001132359	1	Decal - Control Box Locate	
109	1001162864	2	Decal - Lift Point/Tie Down	
110	1001212290	1	Decal - Tie Down	
111	1001212291	2	Decal - Lifting Lug	
112	1001237899	1	Decal - Arms Prop	
201	1702155	1	Decal - Battery Disconnect	
202	1704691	1	Decal - Danger/Warning	
203	1001146794	1	Decal - Battery/Charger Service	
204	1705316	4	Decal - Crushing Hazard	
205	1001211779	4	Decal - Electrocution	
206	1001212292	1	Decal - No Lifting	
207	1001212293	1	Decal - No Forklift	
208	1001237538	1	Decal - Battery Spacer	
209	1704339	2	Decal - Warning Battery Ventilation	
210	1705720	1	Decal - Legend	
212	1001224049	1	Decal - Yearly Inspection	
213	1001215748	4	Decal - Danger Electrocution	

SECTION 8 - DECALS

FIGURE 8-9. DECAL INSTALLATIONS - OPTIONS



ART_DECAL_OPTIONS

SECTION 8 - DECALS

FIGURE 8-9. DECAL INSTALLATIONS - OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
25	1001209906	Ref	DECAL INSTALLATION - OPTIONS:	
25	4420051	Ref	Corner Stripes Installation	
		30 in / 75 cm	Tape, Safety	
30		Ref	Decal- Capacity Options	
30	1001239684	1	Decal- Capacity (507 LB/ 230 KG)	
30	1001244506	Ref	Decal- Capacity (with Dual Languages)	
30	1001239684	1	Decal- Capacity (507 LB/ 230 KG)	
30	1001216865	1	Plate, Decal Mounting	
30	1001248681	1	Decal - Capacity (Indoor Only)	
43	1001238756	Ref	Decal- Model Designation Options:	
43A	1001238757	2	Decal- Model Designation - 2632R	
43B	1001238759	1	Decal- Model Designation - 2632R (RH)	
43C	1001238758	1	Decal- Model Designation - 2632R (LH)	
44	1706310	4	Decal- Maximum Tire Load	
71	See Note	NSS	Decal- Manufacturing Serial Number (Note: Not Available for Purchase)	
110	1001214779	Ref	JLG Decal Installation	
110A	1703177	2	Decal- JLG	
110B	1705754	1	Decal- JLG	
110C	1705781	2	Decal- JLG	
156	1001173703	1	Decal - EAC (Russian/CIS Specs)	

SECTION 9 - RECOMMENDED SERVICE PARTS STOCK

SECTION 9 - RECOMMENDED SERVICE PARTS STOCK

SECTION 9 - RECOMMENDED SERVICE PARTS STOCK

FIGURE 9-1. 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	
	70005423	6	Hydraulic Filter Service Kit	
	70006297	1	Coil	
	70005893	1	Coil	
	3740150	1	Relay	
	4360328	1	Switch, Toggle	
	4360469	1	Switch, Key	
	2860030	1	Key, Replacement	
	4360475	1	Switch, Mushroom	
	3080007	1	Magnet, Latch	
	1600402	1	Controller, Drive/Steer	
	4360345	1	Switch, Toggle	
	1001200633	1	Switch, Push Button	
	8229242	2	Fuse 5Amp	
	8229244	2	Fuse 15 Amp	
		Ref	VARIABLE PARTS	
	1001203871	1	Switch, Roller	
	1001186466	1	Sensor, Tilt	
	1001200629	1	Module, Control	
	1001216062	1	Module, Power	
	4360336	1	Switch, Toggle (Machines with Inverter)	
	1001225164	1	Sensor, Pressure Transducer	
	1001235104	1	Sensor, Pressure Transducer	
	1001228112	1	Module, Platform	
	1001181045	1	Breaker 30mAmp/16Amp (CE Specs Machines)	
	1001189171	1	Breaker 30mAmp (CE Specs Machines)	
	1001189172	1	Breaker 16Amp Double (CE Specs Machines)	

SECTION 10 - SPECIAL OPTIONS

SECTION 10 - SPECIAL OPTIONS

SECTION 10 - SPECIAL OPTIONS

FIGURE 10-1. SPECIAL OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: This list is to accommodate machines ordered with special equipment. Options may not be applicable to all models. For more specific parts information contact the JLG Parts Department.	
		Ref	SPECIAL OPTIONS	
	1001236903	Ref	Antivandalism Package	
		Ref	ClearSky Installation Options:	
	1001229107	Ref	ClearSky Installation - 3-Wire (ANSI & CSA Specs)	
	1001233237	Ref	ClearSky Installation - 3-Wire (ANSI Export & CE Specs)	
	1001235697	Ref	ClearSky Installation - Canbus (ANSI & CSA Specs)	
	1001236982	Ref	ClearSky Installation - Canbus (ANSI Export & CE Specs)	
	1001246530	Ref	ClearSky Installation – Canbus (Australian Specs)	
		Ref	Decal Options:	
	1001236984	Ref	Decal - ClearSky	
		Ref	Decal Kit Options:	
	1001239270	Ref	Decal Kit - Master	
	1001234319	Ref	Drive Motor Covers installation	
		Ref	Electrical Connector Kits	
	1001148902	Ref	Amp/Tyco Electrical Connector Kit	
	1001148903	Ref	Deutsch DT Electrical Connector Kit	
	1001148904	Ref	Deutsch HD Electrical Connector Kit	
	1001148905	Ref	Packard Electrical Connector Kit	
	1001148906	Ref	Various Electrical Connector Kit	
	1001246082	Ref	European Subassembly Kit	
	1001218728	Ref	Fire Extinguisher Installation	
		Ref	Fluid Options	
	2300014	Ref	Hydraulic Fluid - Mobil 424 (Machines with Standard Oil)	
	2300042	Ref	Hydraulic Fluid - Mobil EAL H 32 (Machines with Biodegradeable Oil)	
	1001236547	Ref	Footswitch Installation (ANSI Export, Japanese & Korean Specs Only)	
	1001220933	Ref	Height Restricter Switch Installation	
	1001239481	Ref	Remote Tow Installation	
	1001224583	Ref	Service Kits List	
		Ref	Tools for Service	
	2901443	1	Analyzer Kit	
	1001232474	1	Benchtop Harness	
	8896941	1	Wire Stripper	
	7002821	1	Wire Crimper (To install wire ends to wires)	
	7002823	1	Pin/Socket Extractor - Universal (To Remove Pins/Sockets from Connectors)	
	4460467	1	Extractor - 16-18 Gauge (For Removal Pins/Sockets from Deutsch Connectors)	
	4460510	1	Extractor - 12-14 Gauge (For Removal of Pins/Sockets from Deutsch Connectors)	
	7002822	1	Screwdriver, Potentiometer (To Adjust Drive Controllers)	
	7016654	1	Screwdriver, Magnetic	
	7004275	1	Seal Installation Tool - 1in	
	7004276	1	Seal Installation Tool - 1-1/2in	
	7002826	1	Seal Installation Tool - 2in	

SECTION 10 - SPECIAL OPTIONS

PART NUMBER INDEX

SECTION 10 - SPECIAL OPTIONS

0100011.....11, 13, 19, 21, 53, 77, 91, 93, 95	1001101540.....75	1001181045139, 200	1001209776.....123, 125, 131, 139
0100051.....65, 67, 69, 71, 73	1001102258.....121, 123, 125, 127, 129, 131, 133, 135, 137	100118280645	1001209906.....197
0140030.....101	1001102489....23, 25, 29, 31, 33, 35	100118646621, 200	1001210064.....91
0140043.....57, 61	1001103012.....144	100118758793, 95	1001210302.....93, 95
0275216.....123	1001103471.....27, 137	1001187816133	100121040165, 67, 69, 71, 73
0275217.....125, 167	1001104498.....144	1001188116133	1001210440.....75
0275452.....127, 169	1001110302.....19	1001189171141, 200	1001210446.....95
0275453.....129, 171	1001112112.....69	1001189172141, 200	1001210447.....95
0275454.....131, 173	1001113961.....144	1001192401144	1001210458.....93, 95
0440259.....11, 113	1001116812.....143	1001194421163	1001210586.....93, 95
0440264.....83	1001120204.....123, 125, 127, 129, 131	1001196589144	1001210605.....75
0440265.....83	1001120205.....139, 141	100119739611	1001210878.....75
0480100.....105	1001125483.....75	100120056123, 25, 27, 29	1001210879.....75
0630587.....57, 59, 61, 75	1001125677.....144	1001200629 ...57, 59, 200	1001210881.....75
0630613.....77, 85	1001125927.....175	100120063157, 59	1001210882.....75
0700412.....57, 61	1001128888.....82	100120063263	1001210963.....93, 95
0700610.....82	1001130220....23, 25, 27, 29, 31, 33, 35, 49, 57, 59, 82, 101	1001200633101, 200	1001210966.....57, 59
0700612.....19, 21, 82	1001130590.....57, 59	1001200812147, 155	1001210967.....75
0700614....23, 25, 27, 29, 31, 33, 35, 82	1001131270.....181, 191	1001200819101, 163	1001211777.....181
0700616.....107	1001132358.....101	100120170553	1001211779.....181, 189, 191, 193, 195
0700617.....57, 59	1001132359.....181, 183, 185, 187, 189, 191, 193, 195	100120170653	1001212035.....163
0700621.....97	1001132361.....101	100120170865, 67, 69, 71, 73	1001212036.....163
0700814 27, 82, 123, 125, 127, 129, 131, 137	1001134280.....27	100120171165, 67, 69, 71, 73	1001212187.....17
0700815.....19	1001134821.....99	1001201885143, 163	1001212290.....181, 183, 185, 187, 189, 191, 193, 195
0700817.....77, 105	1001136757.....75	1001202184151, 157	1001212291.....181, 183, 185, 187, 189, 191, 193, 195
0700818.....93, 95, 97	1001137675.....82, 91	100120277313	1001212292.....181, 183, 185, 187, 189, 191, 193, 195
0700819.....89, 99	1001142173.....75	100120285153	1001212293.....181, 183, 185, 187, 189, 191, 193, 195
0700820.....93	1001142174.....75	100120298719	1001213264.....13, 15
0700823.....19	1001143009.....75	100120298819	1001213448.....144
0700835.....101	1001143010.....75	100120345053	1001213491.....101
0701015.....77, 82	1001143501.....117	1001203836117	1001213838.....91
0701019.....85, 107	1001144295.....144	1001203846117	1001213875.....53
0701021.....82	1001144296.....144	100120386919	1001213886.....101
0701024.....85	1001146794.....181, 183, 185, 189, 191, 193, 195	100120387019	1001213928.....17
0760408....121, 123, 125, 127, 129, 131, 133	1001146795.....187	100120387119, 200	1001214217.....21
0760608.....95	1001146963.....82	100120387219	1001214229.....105
0760610....31, 49, 57, 59, 75, 99, 101, 137	1001148902.....202	100120449545	1001214347.....71
0760612....23, 25, 27, 29, 45	1001148903.....202	100120534582	1001214526.....19
0760810.....53, 91, 93	1001148904.....202	1001205409143	1001214528.....19
0760812.....91	1001148905.....202	1001205410143	1001214534.....19
0760827.....53	1001148906.....202	1001205411143	1001214779.....197
0761012.....11, 53	1001151629.....143	1001205412143	1001214810.....77
0761014.....91	1001152483.....141	100120542291	1001215216.....39, 43
0761015.....47	1001153785.....11	100120542491	1001215747.....189
0761019.....95	1001154378.....93, 95	100120543091	1001215748.....185, 195
0761221.....77	1001156186.....93	100120559833, 35	1001215749.....191
0861731....165, 169, 171, 173	100115754775	100120575111	1001215750.....193
0861781.....167	1001159186.....143, 163	100120622595	1001215751.....193
0861880.....139	1001162115.....193	100120622695	1001215752.....189
0962006.....111	1001162864.....181, 183, 185, 187, 189, 191, 193, 195	100120699531	1001215762.....57, 59
1001047064101	1001162886.....143	100120700923, 25, 27, 29	1001215953.....19
100109110219, 37, 39, 41, 43, 57, 61	1001162887.....143	100120729363	1001216062....57, 59, 200
1001097150137, 175	1001163340.....143	100120749457, 59	1001216180.....67
1001100342167	1001173703.....197	100120797025, 31	1001216648.....185
1001100345169	1001179447.....11, 113	100120797335	
1001100346173		100120797423, 27, 33	
1001100347171		100120885291	
		1001209482127, 129, 141	
		1001209595101	
		1001209596101	
		100120968257, 59	

SECTION 10 - SPECIAL OPTIONS

1001216650	185	1001232622	93	1001237400	121	1001241353	85
1001216823	97	1001233237	202	1001237401	135	1001241358	85
1001216865	197	1001233795	82, 161	1001237538	181, 183,	1001241737	83
1001217059	21	1001234006	93, 95	185, 187, 189, 191,		1001241738	83
1001217164	139, 141	1001234007	93, 95	193, 195		1001241739	83
1001218285	101	1001234141	95	1001237696	11	1001241740	83
1001218307	19	1001234142	95	1001237707	47	1001241741	83
1001218573	77	1001234319	202	1001237708	47	1001241742	83
1001218728	202	1001234384	89	1001237737	19	1001241743	83
1001219173	101	1001234385	91	1001237824	82	1001241744	83
1001220409	99	1001234386	95	1001237855	49	1001241894	53
1001220410	99	1001234387	93	1001237856	49	1001242230	117
1001220892	105	1001234407	91	1001237887	59	1001242539	41, 43
1001220933	202	1001234479	57, 61, 143	1001237899	181, 183,	1001242697	41
1001220995	99	1001234797	19	185, 187, 189, 191,		1001242747	83
1001221244	107	1001234798	19	193, 195		1001242984	83
1001221275	107	1001234838	11	1001237989	69	1001242988	37
1001221276	107	1001234842	47	1001237991	71	1001242989	39
1001221949	29	1001234858	77	1001238014	181	1001242990	43
1001222587	97	1001234862	77	1001238015	193	1001243487	117
1001222914	107	1001235008	57	1001238016	189	1001243488	117
1001223055	181	1001235104	82, 200	1001238017	185	1001243781	19
1001223262	153	1001235105	23, 25, 27,	1001238018	195	1001244284	13
1001223263	149	29		1001238019	191	1001244323	137
1001223650	155	1001235106	65	1001238020	187	1001244416	82, 111
1001223651	157	1001235152	25	1001238021	183	1001244506	197
1001223971	191	1001235153	23	1001238130	127	1001244607	27
1001224048	193	1001235154	35	1001238131	129	1001244644	27
1001224049	195	1001235156	33	1001238132	131	1001244900	137
1001224051	189	1001235157	31	1001238133	123	1001245739	137, 175
1001224052	185	1001235158	29	1001238134	125	1001245743	175
1001224583	202	1001235286	93	1001238135	133	1001245744	137, 175,
1001224868	101	1001235498	105	1001238198	123, 125,	177	
1001225164	82, 200	1001235509	105	127, 129, 131, 137		1001245747	137
1001226277	107	1001235555	89	1001238684	82	1001246082	202
1001226791	82	1001235559	57, 59	1001238756	197	1001246530	202
1001226901	107	1001235592	89	1001238757	197	1001246674	83
1001227219	27	1001235593	82	1001238758	197	1001247627	117
1001227267	27, 137	1001235697	202	1001238759	197	1001247706	89
1001227268	137	1001235834	65	1001239224	37, 39, 41,	1001247707	82
1001227269	175	1001235941	105	43		1001248126	181, 183,
1001227728	107	1001235946	31, 33, 35	73	185, 187, 189, 191,		
1001227855	19	1001235954	75	193, 195, 202		193, 195	
1001228112	101, 200	1001235955	47	1001239270	181, 183,	1001248679	53, 55
1001228123	65, 67, 69, 71, 73	1001236132	75	185, 187, 189, 191,		1001248681	197
1001228184	107	1001236139	23, 25, 27,	193, 195, 202		1001249054	73
1001228191	175	29, 31, 33, 35		1001239386	61	1001258498	73
1001228370	181	1001236269	82	1001239479	82	1001274559	57, 59
1001228406	47	1001236486	82	1001239481	202	1001370008	53, 117
1001229107	202	1001236487	82	1001239661	41, 43	1001370010	82
1001229110	65, 67, 69, 71, 73	1001236488	82	1001239674	85	1001380040	77
1001229732	93	1001236547	202	1001239675	147	1001380041	77
1001229733	93	1001236621	105	1001239676	151	1001380042	77
1001229734	93	1001236623	95	1001239677	149	1060379	105
1001229739	93	1001236624	93	1001239678	153	1060908	139, 141, 175
1001229740	93	1001236632	67	1001239679	159	1060998	65, 67, 69, 71, 73
1001229741	93	1001236801	117	1001239684	197	1321293	23, 25, 29, 31,
1001229742	93	1001236802	117	1001239892	85	33, 35, 75	
1001229792	77	1001236803	117	1001239894	85	1321752	53
1001230248	93	1001236809	117	1001239925	82	1380132	97
1001230249	93	1001236849	19	1001239926	89	1380153	11
1001231405	93	1001236880	101	1001239927	82	1600402	101, 103, 200
1001231801	181	1001236903	202	1001239928	82	1671207	165
1001232257	93	1001236982	202	1001239929	83	1701504	181, 183, 185,
1001232474	202	1001236984	202	1001239930	83	187, 189, 191, 193, 195	
		1001237132	147, 149, 151, 153, 159	1001239931	83		
				1001241352	85		

SECTION 10 - SPECIAL OPTIONS

1701640.....181, 183, 185, 187, 189, 191, 193, 195	3252507 125, 127, 129, 131, 133, 135	4060906 101	4460871 144
1702155.....181, 183, 185, 187, 189, 191, 193, 195	3290305 37, 39, 41, 43	4060944 143	4460877 143
1703177.....197	3290405 19, 57, 61, 75, 82, 99, 101, 121, 123, 125, 127, 129, 131, 133, 137	4160078 82	4460884 143, 161
1703464.....121, 123	3290505 27	4160202 19	4460891 37, 39, 41, 43, 107, 143, 144, 149, 153, 161
1703813.....181	3290601 21, 137	4160214 77	4460894 143, 147, 149, 151, 153, 159
1703816.....181	3290605 23, 25, 27, 29, 31, 33, 35, 45, 57, 59, 61, 75, 82, 123, 125, 127, 129, 131	4240017 23, 25, 27, 29, 31, 33, 35, 53, 57, 59, 61, 65, 67, 69, 71, 73, 75, 82, 107, 121, 123, 125, 127, 129, 131, 133, 135, 137, 147, 149, 151, 153, 155, 157, 159	4460897 39, 43, 45, 75, 143, 149, 153
1703819....101, 181, 183, 185, 187, 189, 191, 193, 195	3290606 93, 95, 97, 99, 107	4240018 39, 43	4460899 147, 149, 151, 153, 155, 157, 159
1704016.....181, 183, 185, 187, 189, 191, 193, 195	3290801 19, 53	4240147 19	4460905 144
1704260.....101	3290805 19, 27, 53, 77, 82, 89, 91, 105, 123, 125, 127, 129, 131, 137	4360328 57, 59, 200	4460933 143
1704277.....181, 183, 185, 187, 189, 191, 193, 195	3290806 93, 95, 97, 99, 101	4360336 75, 200	4460943 147, 149, 151, 153, 155, 157, 159
1704339.....195	3291005 47, 53, 77, 85, 91	4360345 101, 200	4460944 143, 147, 149, 151, 153, 159
1704340.....191	3291006 85, 95, 107	4360469 57, 59, 200	4460956 139
1704341.....185	3291007 77, 82	4360475. 57, 59, 101, 200	4460957 139
1704344.....189	3291201 77	4420051 197	4460968 133
1704412....181, 183, 185, 187, 189, 191, 193, 195	3321402 82	4420062....53, 83, 93, 95, 101, 105	4460970 161
1704684.....191	3331211 13	4460042 143	4461016 163
1704691.....195	3422219 95	4460043 177	4461023 143
1704699.....185	3422661 105	4460115 143	4461199 167
1705195.....189	3423037 11	4460138 121	4461201 167
1705311.....191	3423243 77	4460183 143, 163	4461205 169, 171
1705316.....195	3423278 101	4460226 143	4461244 169
1705670.....183, 187	3430636 19	4460227 23, 25, 27, 29, 143	4461245 171
1705671.....183, 187	3430814 91	4460234 107	4461246 173
1705673.....183, 187	3430816 91	4460247 143	4461249 173
1705686.....181	3431212 19	4460256 143	4461257 123, 125
1705720.....195	3431218 19	4460259 143	4461258 123, 125
1705723.....191	3450302 19	4460260 143	4711700 101
1705726.....185	3450303 77	4460265 163	4711800 91
1705754.....197	3450403 91	4460267 163	4740086 19
1705781.....197	3450505 19	4460315 121, 133	4740438 82
1705946.....189	3450508 17	4460320 143	4740531 82
1706057.....193	3520072 85, 93, 95	4460346 165	4811400 75, 99, 101, 121, 123, 125, 127, 129, 131, 133, 137
1706310.....197	3740150 ... 57, 61, 75, 200	4460418 75, 143, 163	4811700 ... 45, 57, 59, 61, 75, 93, 95, 99, 101, 123, 125, 127, 129,
1707022.....193	3760115 82	4460419 75	131, 137
2080040...91, 93, 95, 181, 183, 185, 187, 189, 191, 193, 195	3760217 11	4460424....23, 25, 27, 29	131, 137
2080057....181, 183, 185, 187, 189, 191, 193, 195	3760387 82	4460464....39, 43, 45, 75, 107, 144, 147, 149, 151, 153, 155, 157, 159, 161	4811702 ... 19, 21, 23, 25, 27, 29, 31, 33, 35, 49, 82, 97
2110404.....113	3820019 97	4460465....37, 39, 41, 43, 107, 143, 144, 147, 149, 151, 153, 155, 157, 159, 161	4811900 ... 19, 53, 82, 89, 91, 93, 95, 97, 101, 123, 125, 127, 129, 131, 137
2220371.....111	3841143 77, 82	4460466 75, 107, 143, 147, 149, 151, 153, 155, 157, 159, 161	4811902 ... 19, 27, 53, 77, 93, 99, 105
2220373.....117	3860111 95	4460467 202	4812000 ... 11, 19, 77, 82, 85, 91, 95, 107
2220375.....117	3900381 27	4460496 101	4812002 47, 53, 77
2220497.....117	3910804 57, 59	4460497 101	4812500 19
2220502.....117	4010310 ... 37, 39, 41, 43	4460510 202	4831600 27
2220628.....117	4010408 99, 137	4460536 107	4845582 105
2220883.....111	4010608 82, 93, 95	4460539....144, 149, 153, 161	4846757 11
2300014.....202	4010610 ... 123, 125, 127, 129, 131	4460662....127, 129, 131, 165	4923328 ... 65, 67, 69, 71, 73
2300042.....202	4010616 95	4460754....147, 149, 151, 153, 155, 157, 159, 161	5241200 13
2400060.....143	4010617 93, 95	4460761 143	5271808 53
2420172.....57, 59	4010618 93, 95		5272117 13
2560088.....97	4031509 101		5272122 13
2560190.....97	4031511 19		
2600281.....93, 95	4031512 82		
2860030.....57, 59, 200	4031707 33, 35		
2901443.....202	4031708 21, 33, 35		
2902431.....121, 165	4060803 101		
3080007.....93, 95, 200			

SECTION 10 - SPECIAL OPTIONS

70000082	103	70005898	55	70007595	55	7023315	15
70000084	103	70005899	55	70007596	55	7023318	15
70000683	103	70005900	55	70007597	55	7023321	15
70000684	103	70005903	55	70007598	55	7023322	15
70000685	103	70005909	55	70007599	55	7023324	15
70000686	103	70005911	55	70007600	55	7023328	15
70001250	103	70005918	13	70007601	55	7023329	15
70001251	103	70005919	13	70007602	55	7023407	15
70001252	103	70006244	15	70007946	53	7023408	15
70001253	103	70006245	15	70021209	55	7026174	15
70003650	103	70006297	200	70027244	111	7026179	15
70004239	113	70006351	53	7002821	202	7027365	103
70004241	113	70006352	53	7002822	202	7027367	103
70004585	111	70006724	15	7002823	202	7027765	103
70005236	111	70007055	111	7002826	202	7027766	103
70005419	113	70007101	111	7004275	202	8229242	144, 200
70005420	113	70007102	111	7004276	202	8229244	144, 200
70005421	113	70007103	111	7006725	15	8750014	53
70005423	53, 200	70007104	111	7016654	202	8896941	202
70005807	15	70007105	111	7020175	57, 59, 101	8990147	181, 183, 185,
70005812	15	70007106	111	7020176	57, 59, 101	187, 189, 191, 193, 195	
70005813	15	70007513	15	7023308	15		
70005816	53	70007593	55	7023310	15		
70005893	55, 200	70007594	55	7023311	15		



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