



Illustrated Parts Manual

Models
R1532i
R1932
R1932i

PVC
2110

P/N
31219120

January 31, 2022 - Rev B

ANSI

CE



UK
CA

AS/NZS



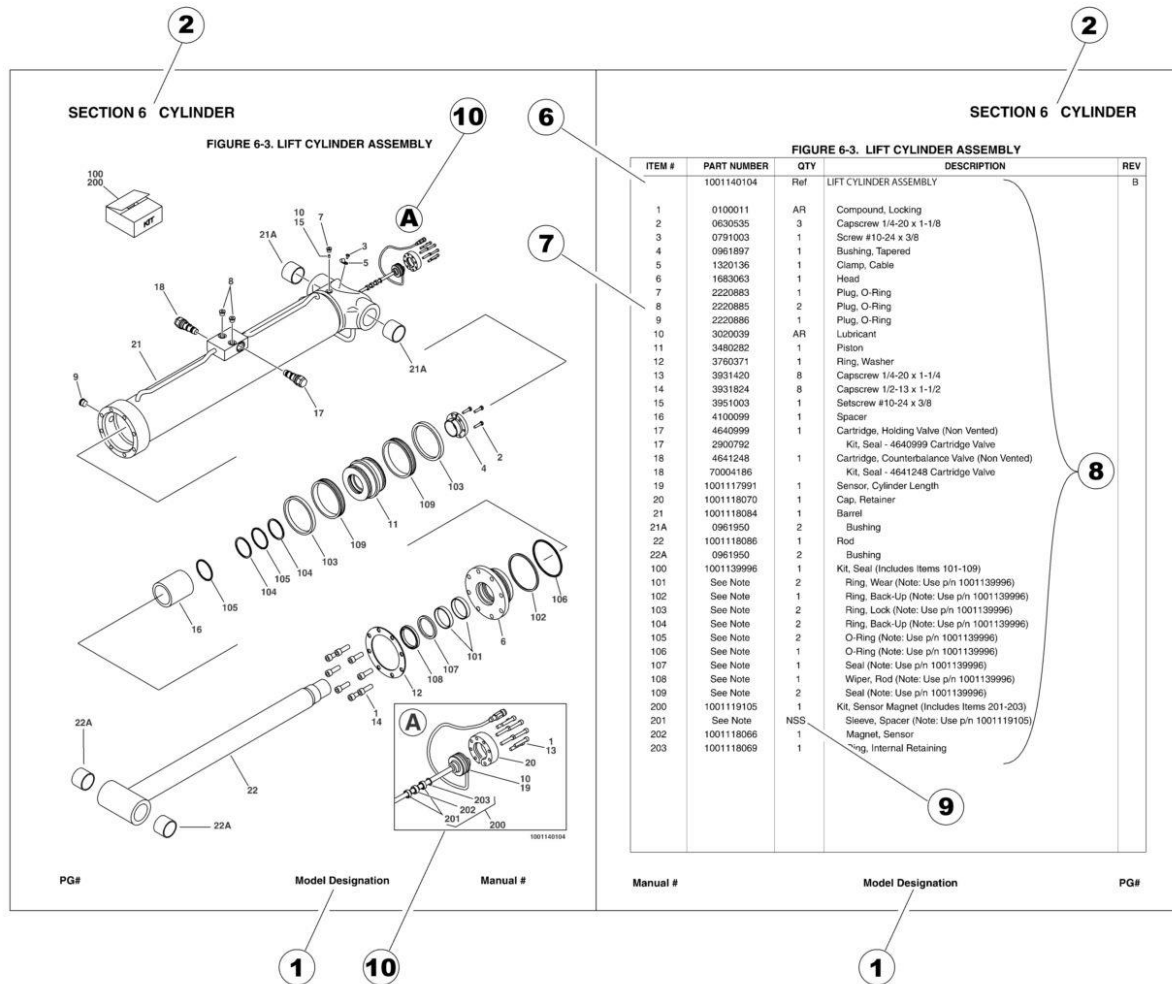
An Oshkosh Corporation Company

REVISION LOG

October 1, 2021 - A - Original Issue of Manual (Edited to B/M 1001250332 Rev L and 1001250333 Rev V)

January 31, 2022 - B - Revised Manual (Edited to B/M 1001250332 Rev L and 1001250333 Rev V)

GENERAL INFORMATION



1) MACHINE IDENTIFICATION

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

2) PARTS MANUAL ORGANIZATION

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

3) TABLE OF CONTENTS (NOT SHOWN)

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

4) RECOMMENDED SPARE PARTS (NOT SHOWN)

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

5) PART NUMBER INDEX (NOT SHOWN)

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

GENERAL INFORMATION

6) NON-SERVICED PARTS

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

7) PARTS LIST ITEM NUMBERS

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

8) INDENTED PARTS DESCRIPTION

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

9) ABBREVIATION AND SYMBOLS

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

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

10) ILLUSTRATION REFERENCE LETTERS

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

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

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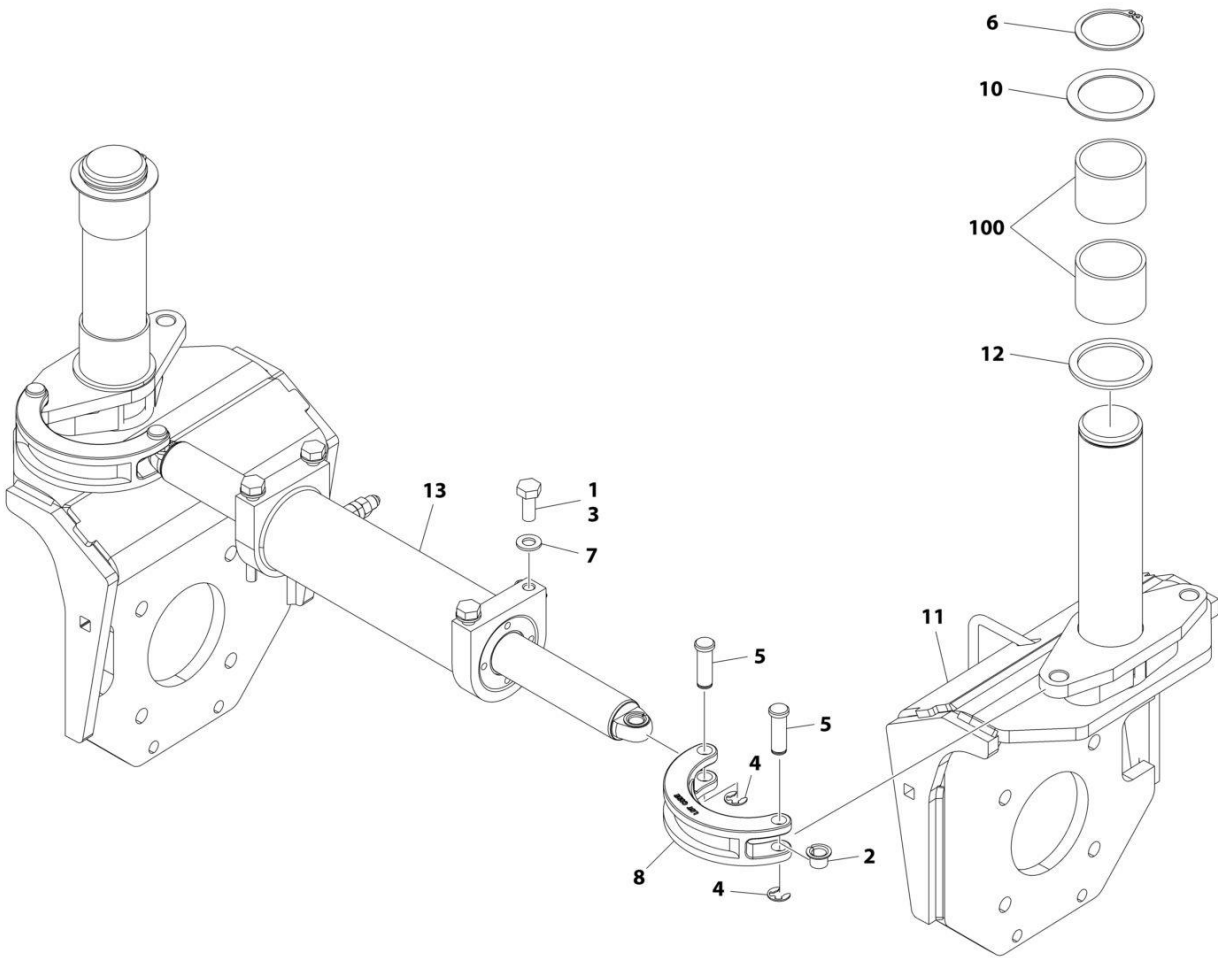
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SECTION 1 - FRAME

SECTION 1 - FRAME

FIGURE 1-1. STEER INSTALLATION (MACHINES WITH SN STARTING WITH M2)



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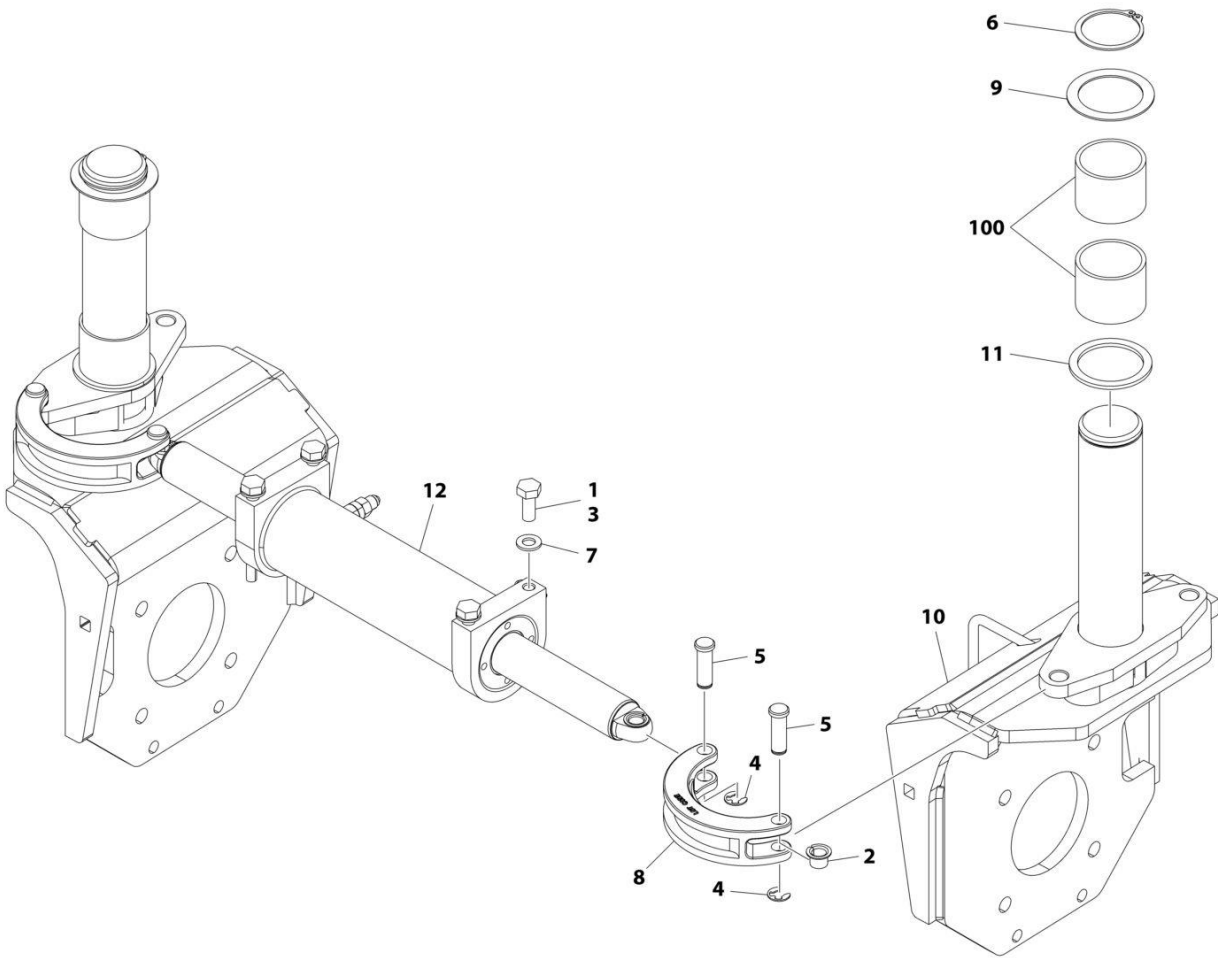
SECTION 1 - FRAME

FIGURE 1-1. STEER INSTALLATION (MACHINES WITH SN STARTING WITH M2)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202300	Ref	STEER INSTALLATION	E
1	0100011	AR	Compound, Locking	
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	
10	1001197396	2	Washer	
11	1001201248	2	Spindle	
12	1001205751	2	Washer	
13	1001220570	1	Steer Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
100	1001153785	4	Bearing (Part of Frame)	

SECTION 1 - FRAME

FIGURE 1-2. STEER INSTALLATION (MACHINES WITH SN STARTING WITH G2)



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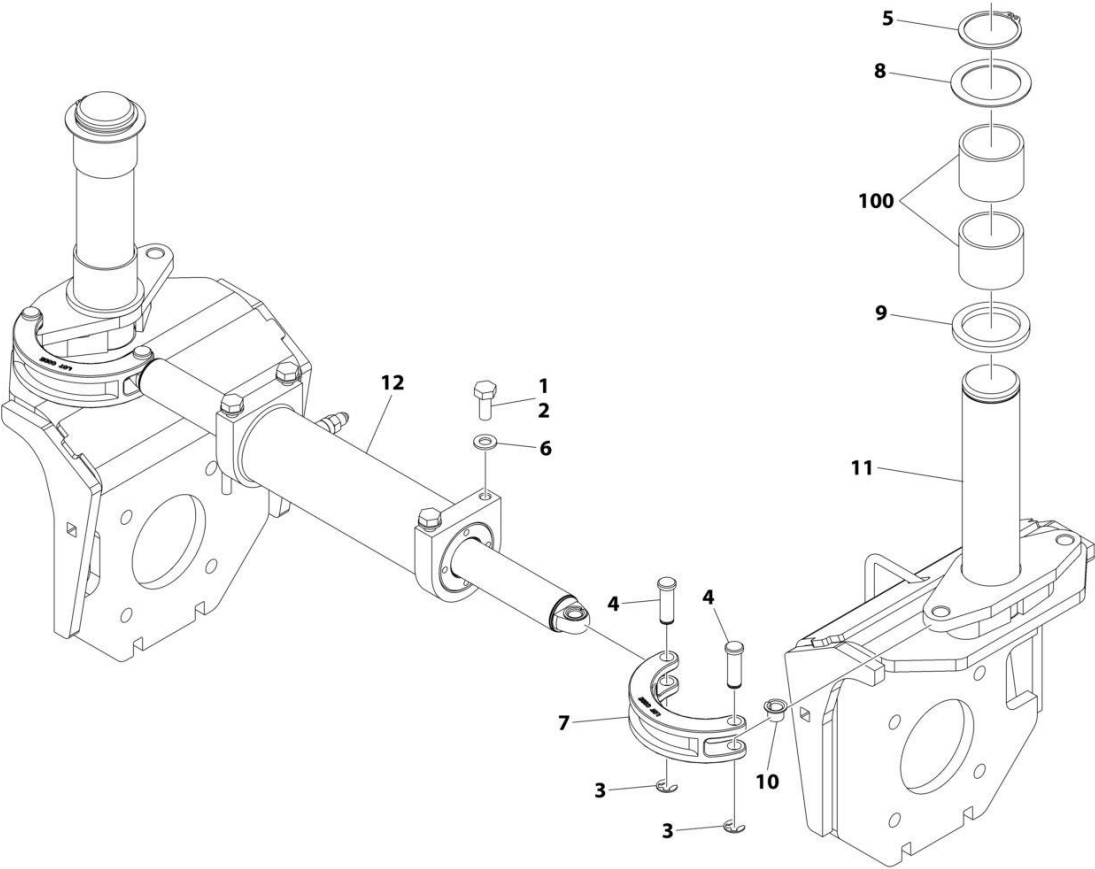
SECTION 1 - FRAME

FIGURE 1-2. STEER INSTALLATION (MACHINES WITH SN STARTING WITH G2)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263538	Ref	STEER INSTALLATION	B
1	0100011	AR	Compound, Locking	
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	1001201248	2	Spindle	
11	1001269507	2	Washer	
12	1001256788	1	Steer Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
100	1001153785	4	Bearing (Part of Frame)	

SECTION 1 - FRAME

FIGURE 1-3. STEER INSTALLATION (MACHINES WITH SN STARTING WITH 12)



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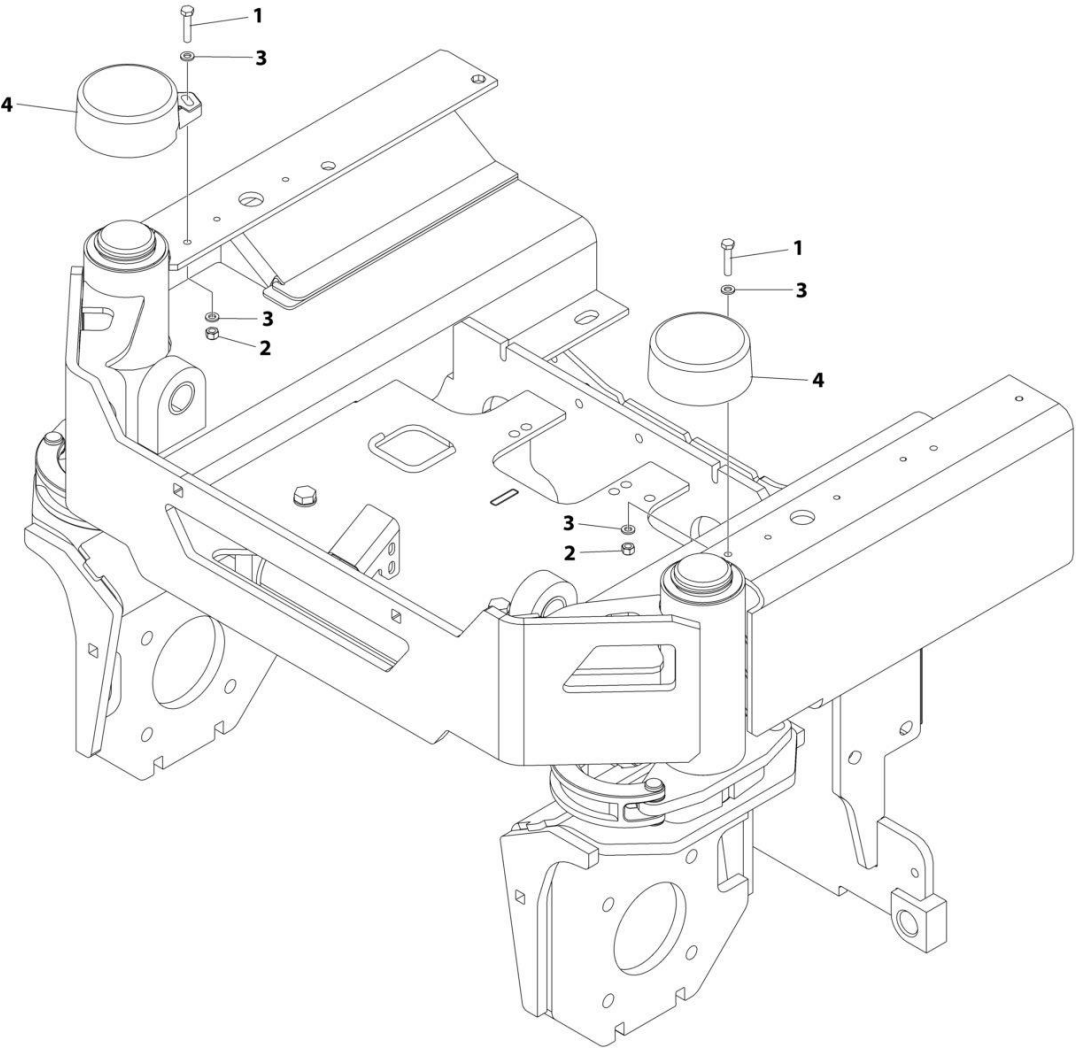
SECTION 1 - FRAME

FIGURE 1-3. STEER INSTALLATION (MACHINES WITH SN STARTING WITH 12)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276584	Ref	STEER INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0761012	4	Bolt M10 x 25	
3	1380153	4	Clip	
4	3423037	4	Pin	
5	3760217	2	Ring, Retaining	
6	4812000	4	Washer M10	
7	4846757	2	Lug, Steering	
8	1001197396	2	Washer	
9	1001269507	2	Washer	
10	1001276696	2	Sleeve	
11	1001276699	2	Spindle	
12	1001276701	1	Steer Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
100	1001153785	4	Bearing (Part of Frame)	

SECTION 1 - FRAME

FIGURE 1-4. STEER SPINDLE COVER INSTALLATION (MACHINES WITH SN STARTING WITH M2)



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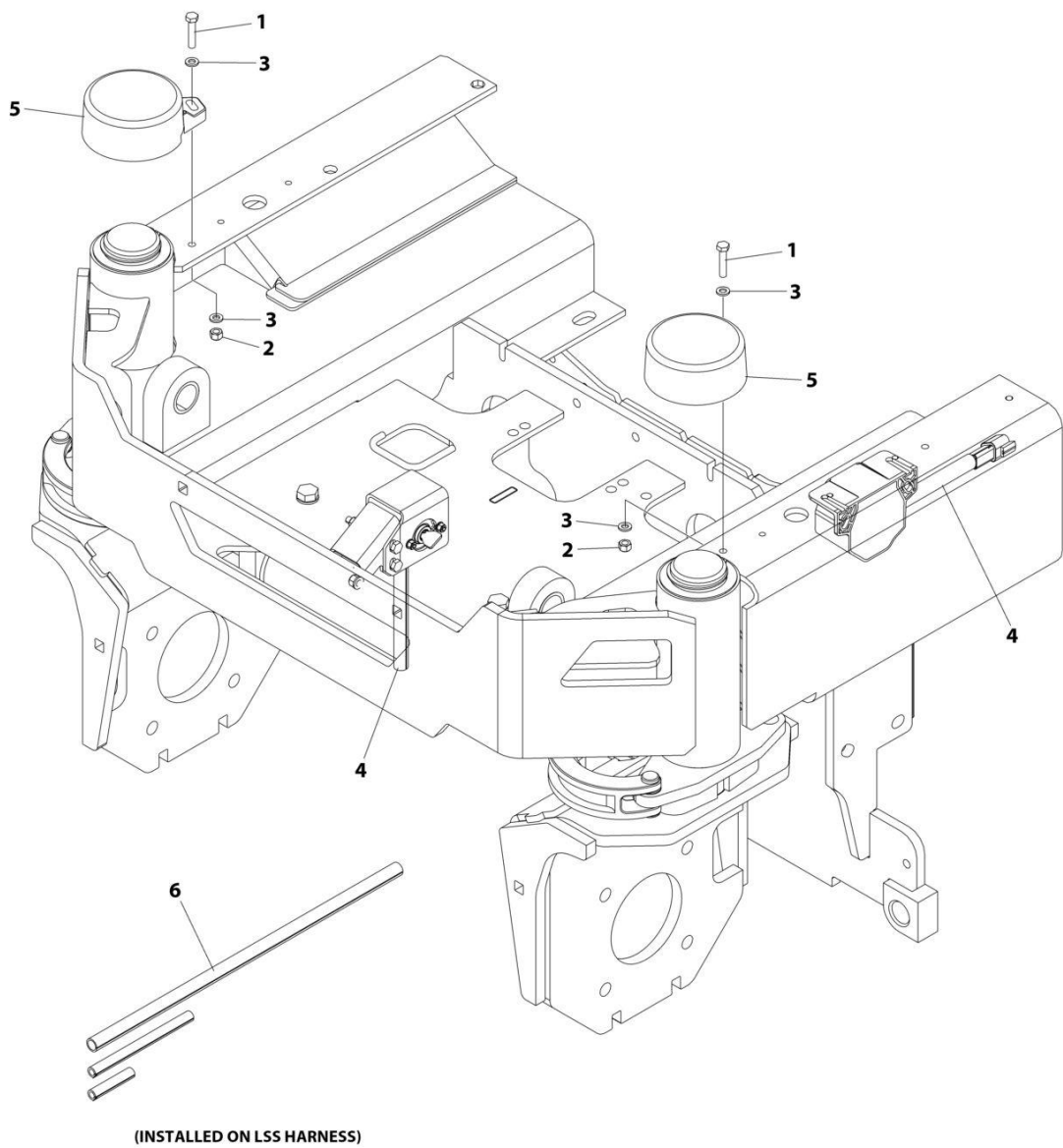
SECTION 1 - FRAME

FIGURE 1-4. STEER SPINDLE COVER INSTALLATION (MACHINES WITH SN STARTING WITH M2)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001269704	Ref	STEER SPINDLE COVER INSTALLATION	A
1	0700614	2	Bolt M6 x 30	
2	3290605	2	Nut M6	
3	4811700	4	Washer M6	
4	1001262464	2	Cover, Steering	

SECTION 1 - FRAME

FIGURE 1-5. STEER SPINDLE COVER INSTALLATION (MACHINES WITH SN STARTING WITH 12, B2 & G2)



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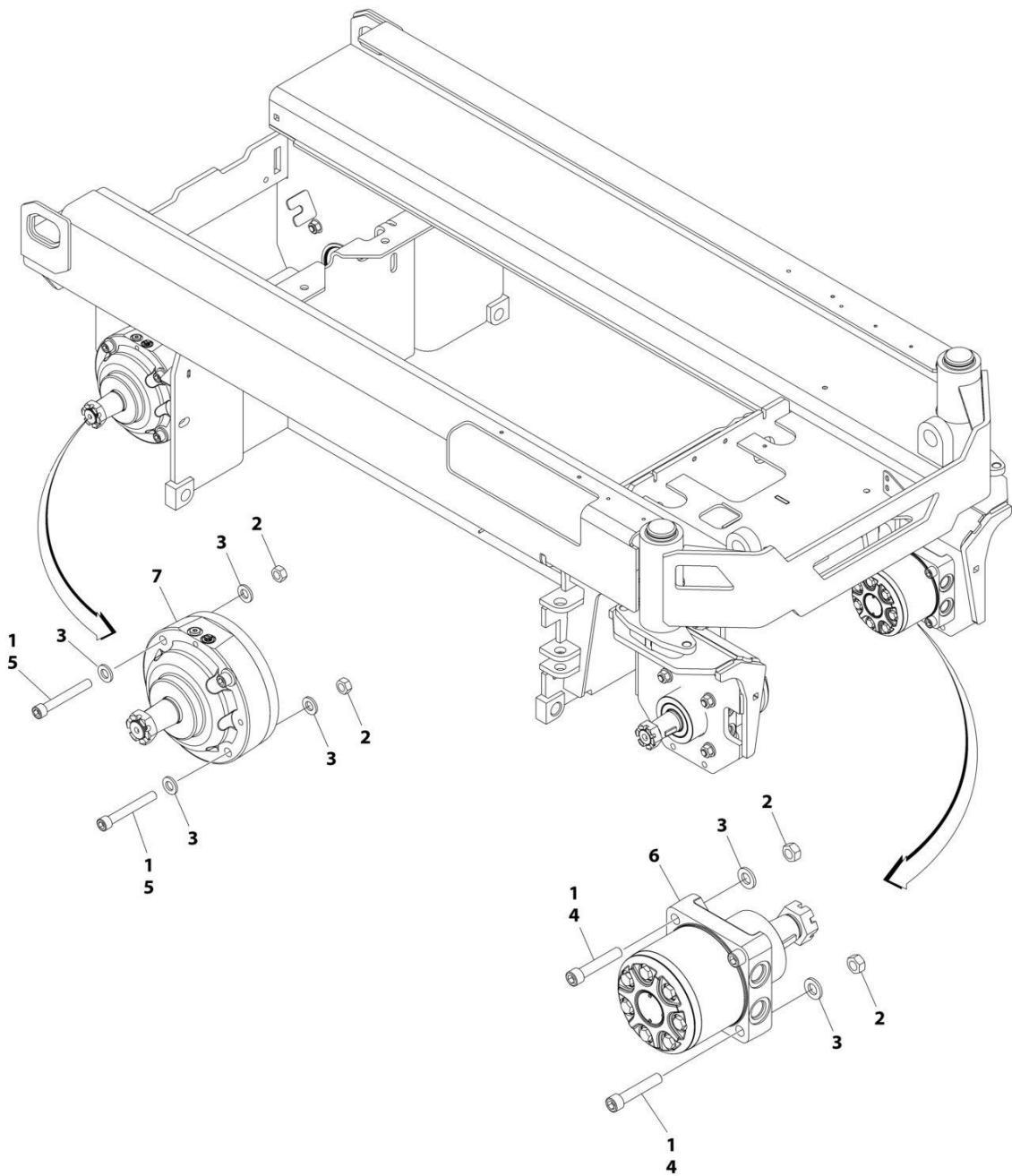
SECTION 1 - FRAME

FIGURE 1-5. STEER SPINDLE COVER INSTALLATION (MACHINES WITH SN STARTING WITH 12, B2 & G2)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001271574	Ref	STEER SPINDLE COVER INSTALLATION	A
1	0700614	2	Bolt M6 x 30	
2	3290605	2	Nut M6	
3	4811700	4	Washer M6	
4	1001262299	2	Conduit	
5	1001262464	2	Cover, Steering	
6	1001270823	1	Conduit	

SECTION 1 - FRAME

FIGURE 1-6. DRIVE/BRAKE INSTALLATION



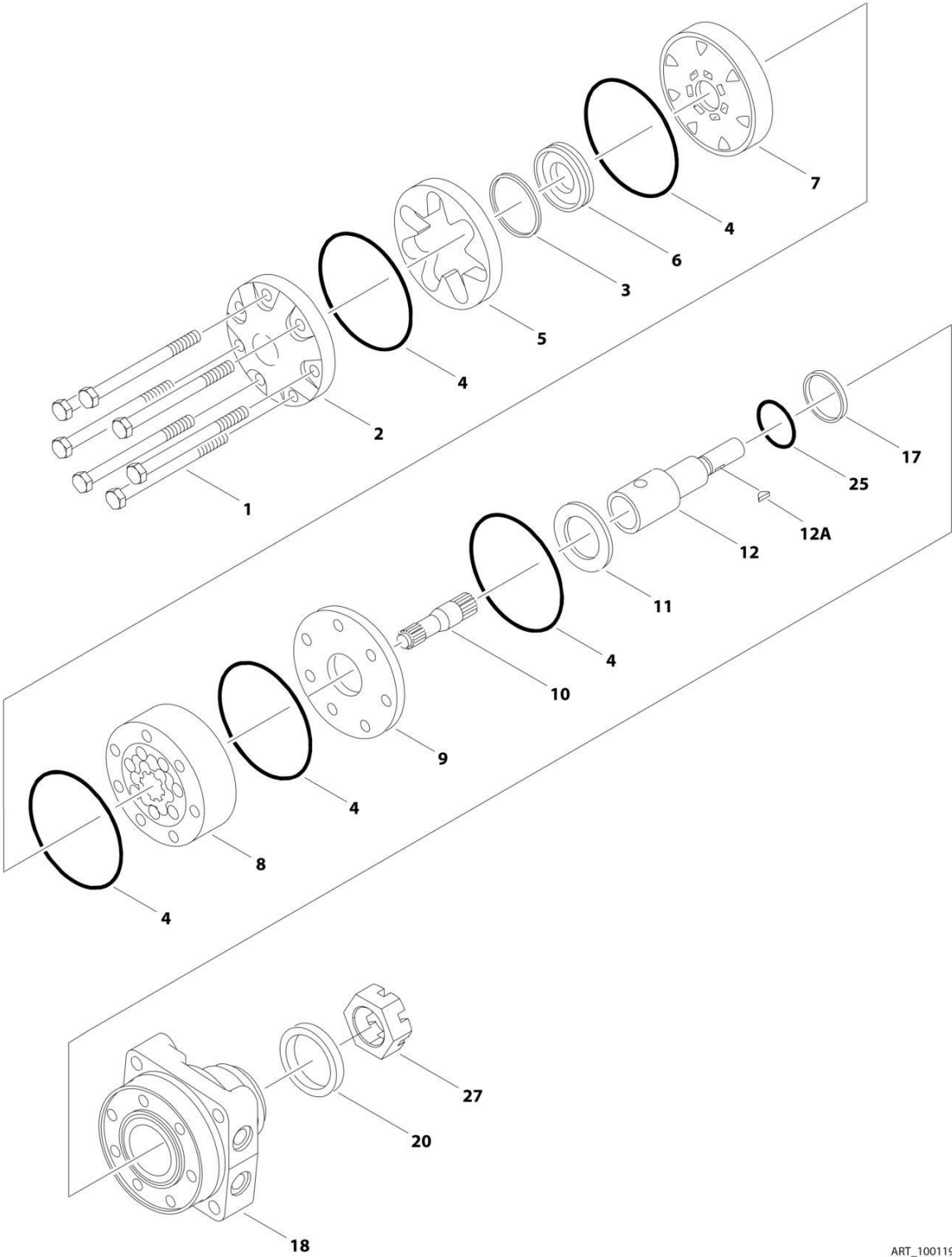
ART_1001202689

FIGURE 1-6. DRIVE/BRAKE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202689	Ref	DRIVE/BRAKE INSTALLATION	B
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	1001199937	2	Drive Motor Assembly (See Separate Breakdown in this Section)	
7	1001202773	2	Drive Brake Assembly (Note: No Internal Service Parts Available.)	
7	70005918	1	Key, Shaft	
7	70005919	1	Nut 1-1/8	

SECTION 1 - FRAME

FIGURE 1-7. DRIVE MOTOR ASSEMBLY



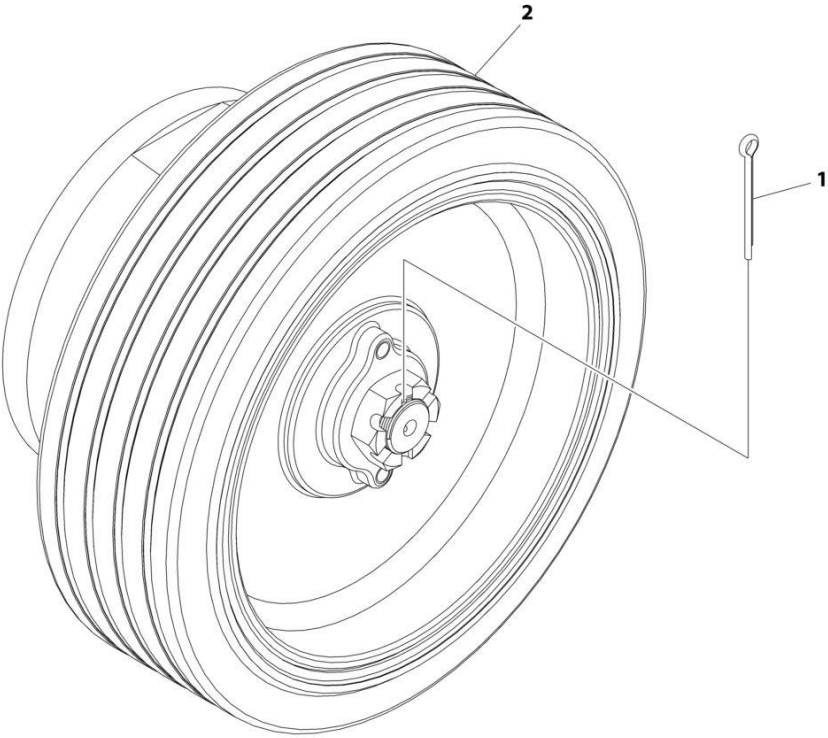
ART_1001199937

FIGURE 1-7. DRIVE MOTOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199937	Ref	DRIVE MOTOR ASSEMBLY	D
1	70005806	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	70000278	1	Rotor Set	
9	7023311	1	Plate, Wear	
10	70005814	1	Link, Drive	
11	7023308	1	Bearing, Thrust	
12	70005813	1	Shaft	
12A	7023324	1	Key, Shaft	
17	70005809	1	Washer, Backup	
18	See Note	NSS	Housing Assembly (Use p/n 1001199937)	
20	7023319	1	Seal, Dirt and Water	
25	70005808	1	Ring, Backup	
27	70005807	1	Nut	

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FIGURE 1-8. TIRE AND WHEEL INSTALLATION



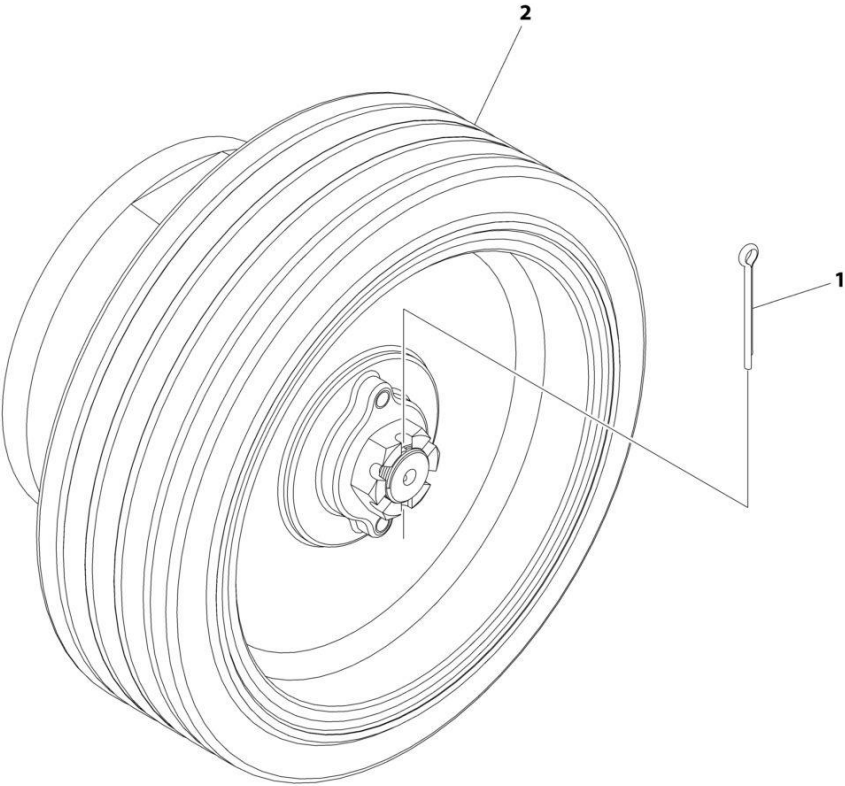
ART_1001202731

FIGURE 1-8. TIRE AND WHEEL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202731	Ref	TIRE AND WHEEL INSTALLATION	B
		Ref	Note: Must Replace Tire and Wheel Assemblies in pairs per axle.	
1	3450508	4	Pin, Cotter 5/32 x 2	
2	1001200441	4	Tire and Wheel	

SECTION 1 - FRAME

FIGURE 1-9. WHEEL INSTALLATION (MACHINES WITH SN STARTING WITH G2)



ART_1001276586

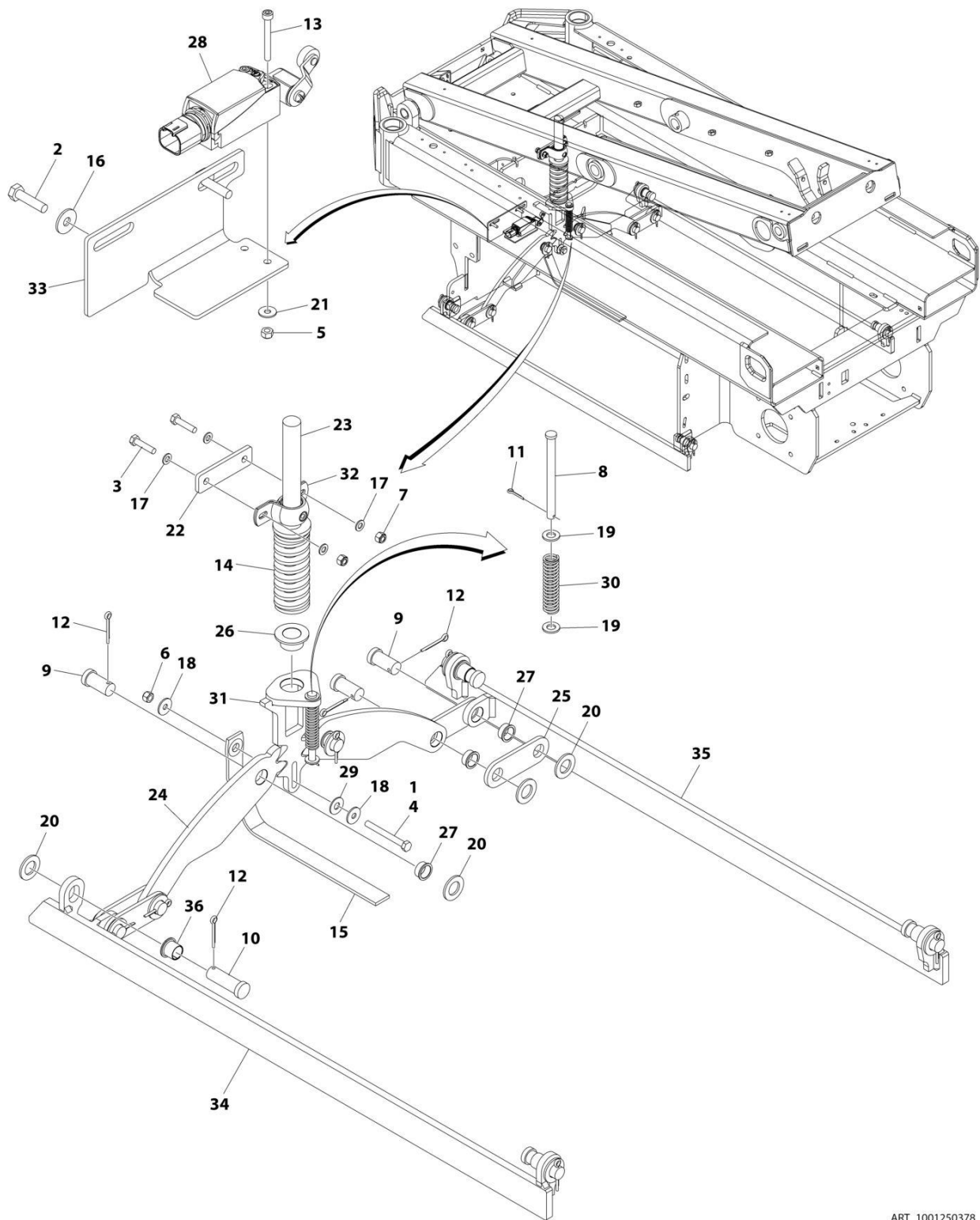
SECTION 1 - FRAME

FIGURE 1-9. WHEEL INSTALLATION (MACHINES WITH SN STARTING WITH G2)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276586	Ref	WHEEL INSTALLATION	A
		Ref	Note: Must Replace Tire and Wheel Assemblies in pairs per axle.	
1	3450508	4	Pin, Cotter	
2	1001276708	4	Tire and Wheel	

SECTION 1 - FRAME

FIGURE 1-10. POTHOLE PROTECTION SYSTEM INSTALLATION



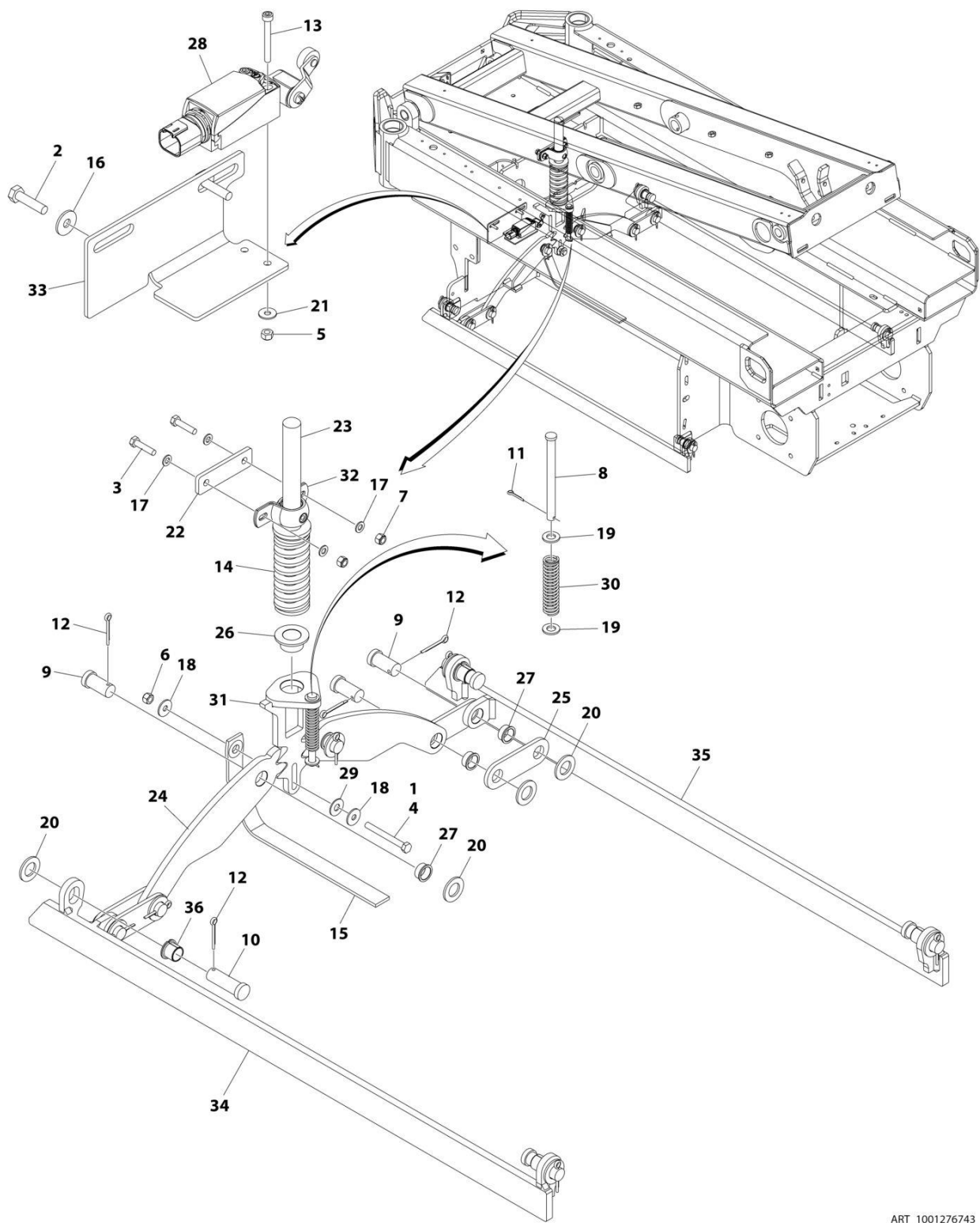
ART_1001250378

FIGURE 1-10. POTHOLE PROTECTION SYSTEM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250378	Ref	POTHOLE PROTECTION INSTALLATION	B
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	4811702	2	Washer M6	
17	4811900	4	Washer M8	
18	4811902	2	Washer M8	
19	4812000	2	Washer M10	
20	4812500	10	Washer M20	
21	1001091102	2	Washer M4	
22	1001202987	1	Plate, Mounting	
23	1001202988	1	Actuator (Upper)	
24	1001202994	2	Plate, Pinion	
25	1001202999	4	Link	
26	1001203869	1	Bearing	
27	1001203870	6	Bearing	
28	1001203871	1	Switch, Limit	
29	1001203872	1	Washer 3/8	
30	1001212068	1	Spring	
31	1001214526	1	Actuator (Lower)	
32	1001215953	1	Bearing	
33	1001218307	1	Plate, Sensor Mount	
34	1001251436	1	Bar (LH)	
35	1001251437	1	Bar (RH)	
36	0440263	4	Bearing	

SECTION 1 - FRAME

FIGURE 1-11. POTHOLE PROTECTION SYSTEM INSTALLATION (MACHINES WITH SN STARTING WITH G2)



ART_1001276743

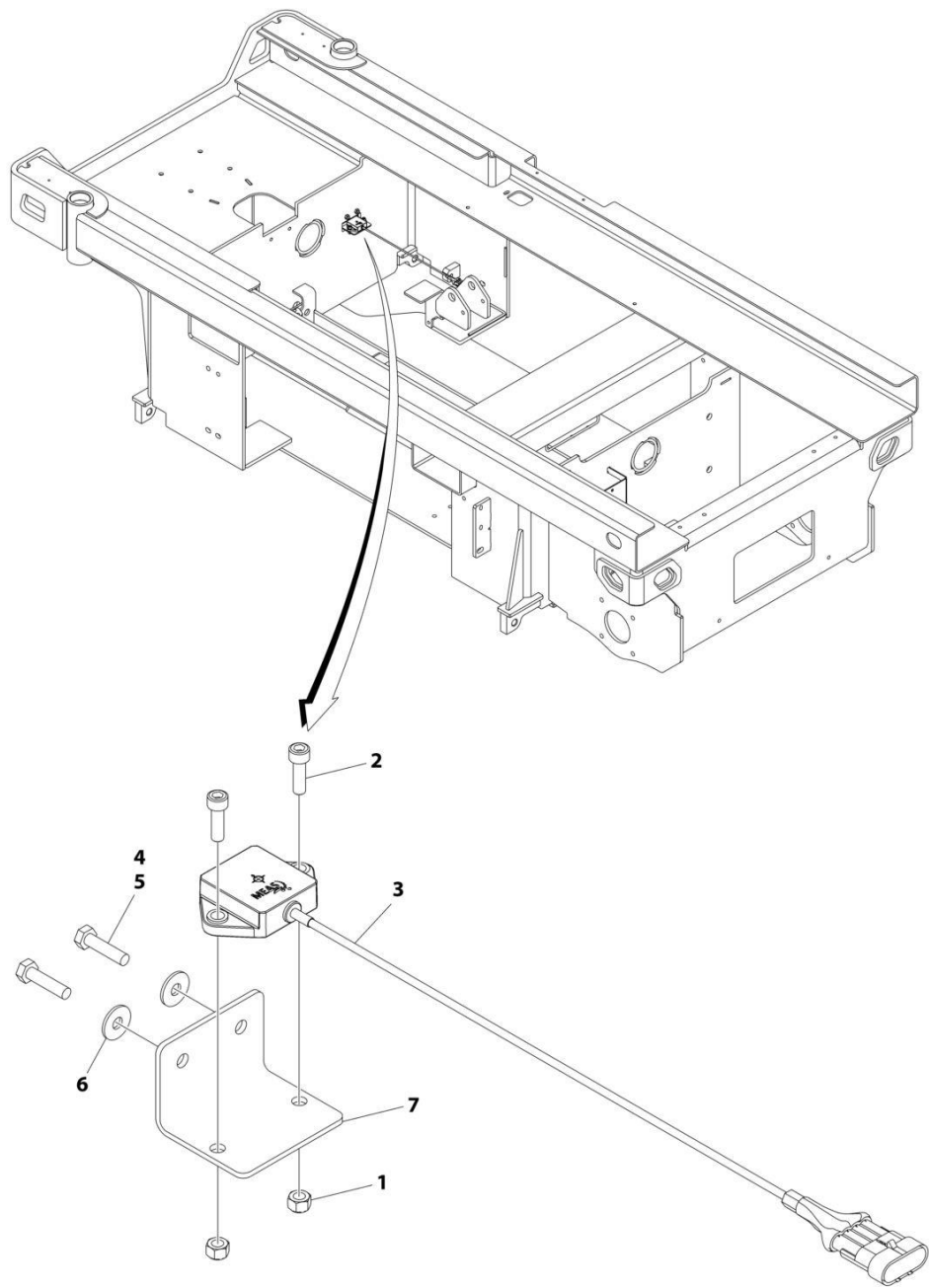
SECTION 1 - FRAME

FIGURE 1-11. POTHOLE PROTECTION SYSTEM INSTALLATION (MACHINES WITH SN STARTING WITH G2)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276743	Ref	POTHOLE PROTECTION SYSTEM INSTALLATION	A
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	1001276718	1	Spring	
15	4240147	1	Strap, Anti-Static	
16	4811702	2	Washer M6	
17	4811900	4	Washer M8	
18	4811902	2	Washer M8	
19	4812000	2	Washer M10	
20	4812500	10	Washer M20	
21	1001091102	2	Washer M4	
22	1001202987	1	Plate, Mounting	
23	1001202988	1	Actuator (Upper)	
24	1001202994	2	Plate, Pinion	
25	1001202999	4	Link	
26	1001276720	1	Bearing	
27	1001276721	6	Bearing	
28	1001276741	1	Switch, Limit	
29	1001203872	1	Washer 3/8	
30	1001212068	1	Spring	
31	1001214526	1	Actuator (Lower)	
32	1001215953	1	Bearing	
33	1001218307	1	Plate, Sensor Mount	
34	1001251436	1	Bar (LH)	
35	1001251437	1	Bar (RH)	
36	1001276722	4	Bearing	

SECTION 1 - FRAME

FIGURE 1-12. TILT SENSOR INSTALLATION



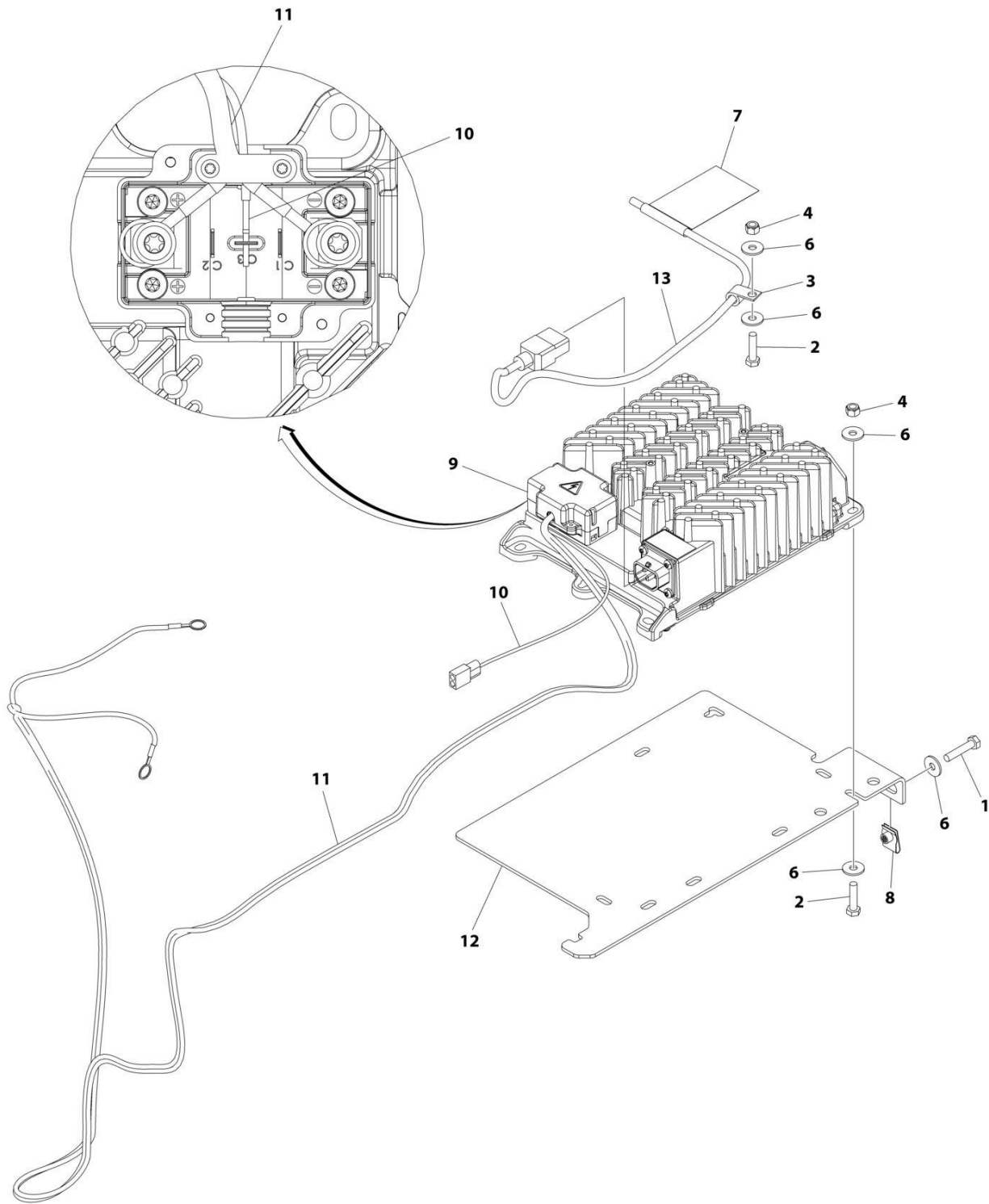
ART_1001214217

FIGURE 1-12. TILT SENSOR INSTALLATION

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

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FIGURE 1-13. BATTERY CHARGER INSTALLATION - DELTA-Q (WITHOUT COMMUNICATION PORT)
(LOCALLY SUPPLIED PLUG)



ART_1001235153

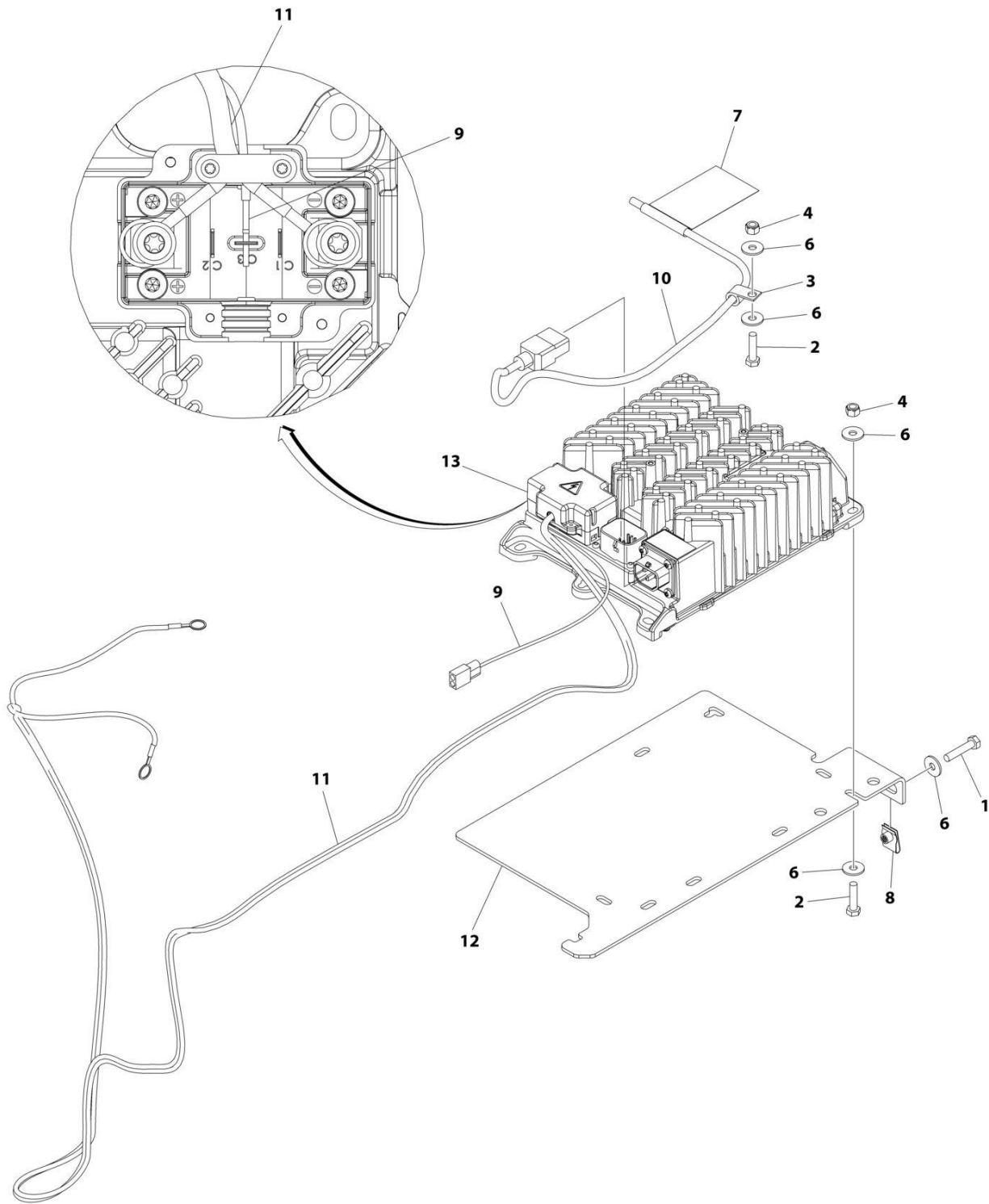
SECTION 1 - FRAME

**FIGURE 1-13. BATTERY CHARGER INSTALLATION - DELTA-Q (WITHOUT COMMUNICATION PORT)
(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 1-14. BATTERY CHARGER INSTALLATION - DELTA-Q (WITH COMMUNICATION PORT)
(LOCALLY SUPPLIED PLUG)



ART_1001253654

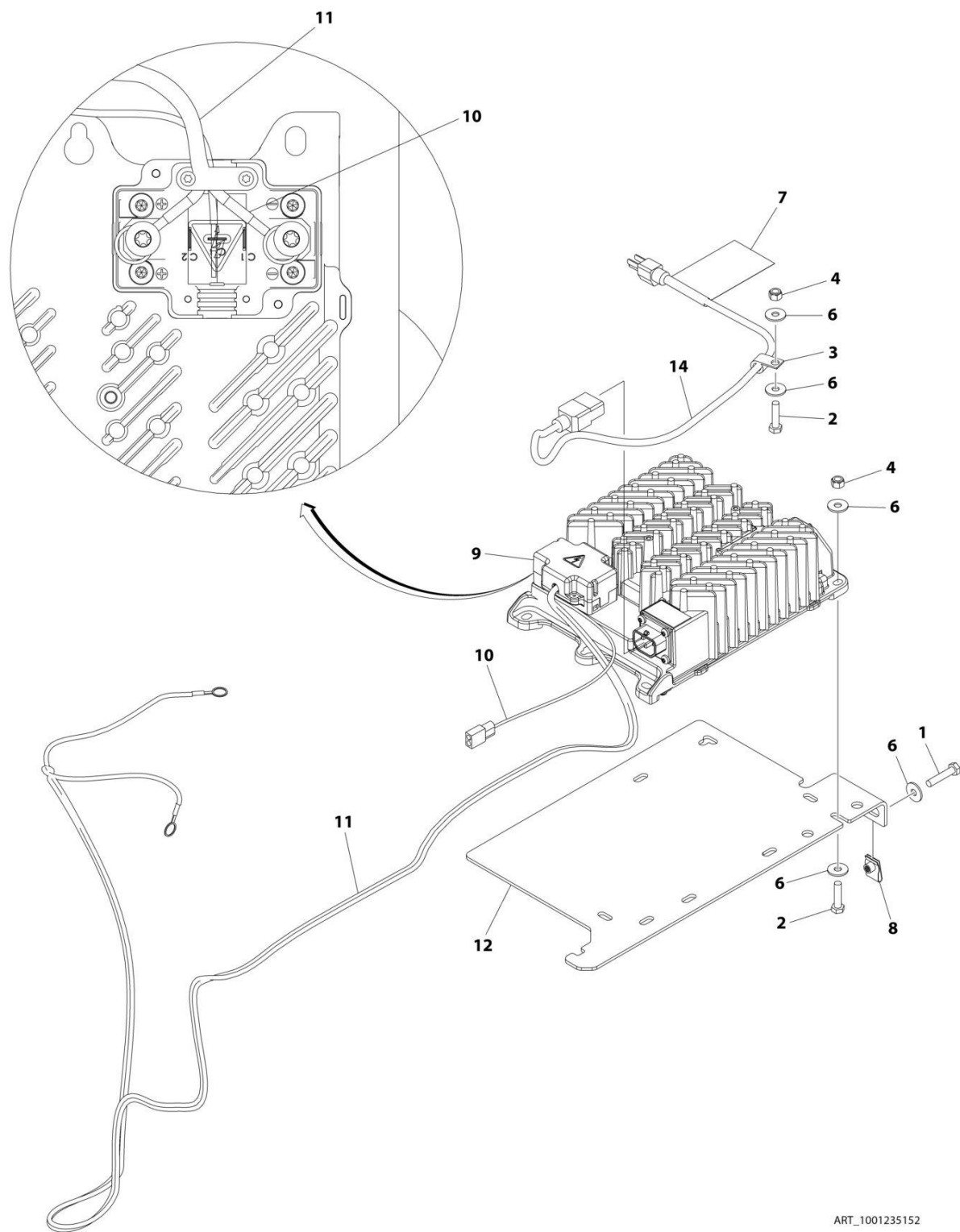
SECTION 1 - FRAME

**FIGURE 1-14. BATTERY CHARGER INSTALLATION - DELTA-Q (WITH COMMUNICATION PORT)
(LOCALLY SUPPLIED PLUG)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001253654	Ref	BATTERY CHARGER INSTALLATION - DELTA-Q (LOCALLY SUPPLIED PLUG)	A
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 Label	
8	1001130220	2	Nut, Tinnerman M6	
9	1001207009	1	Charger Interlock Harness	
9	4460424	1	Receptacle, Female - 2 Position	
9	4460227	2	Pin, Male	
10	1001207974	1	Battery Charger to AC Connection Cable	
11	1001235105	1	Battery Charger to DC Connection Cable	
12	1001236139	1	Bracket	
13	1001253952	1	Charger, Battery - Delta-Q	
14	1001254027	1	Can Splice Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
15	1001254028	1	Charger To Battery Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	

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FIGURE 1-15. BATTERY CHARGER INSTALLATION - DELTA-Q (WITHOUT COMMUNICATION PORT)
(110V PLUG) (R1532i



ART_1001235152

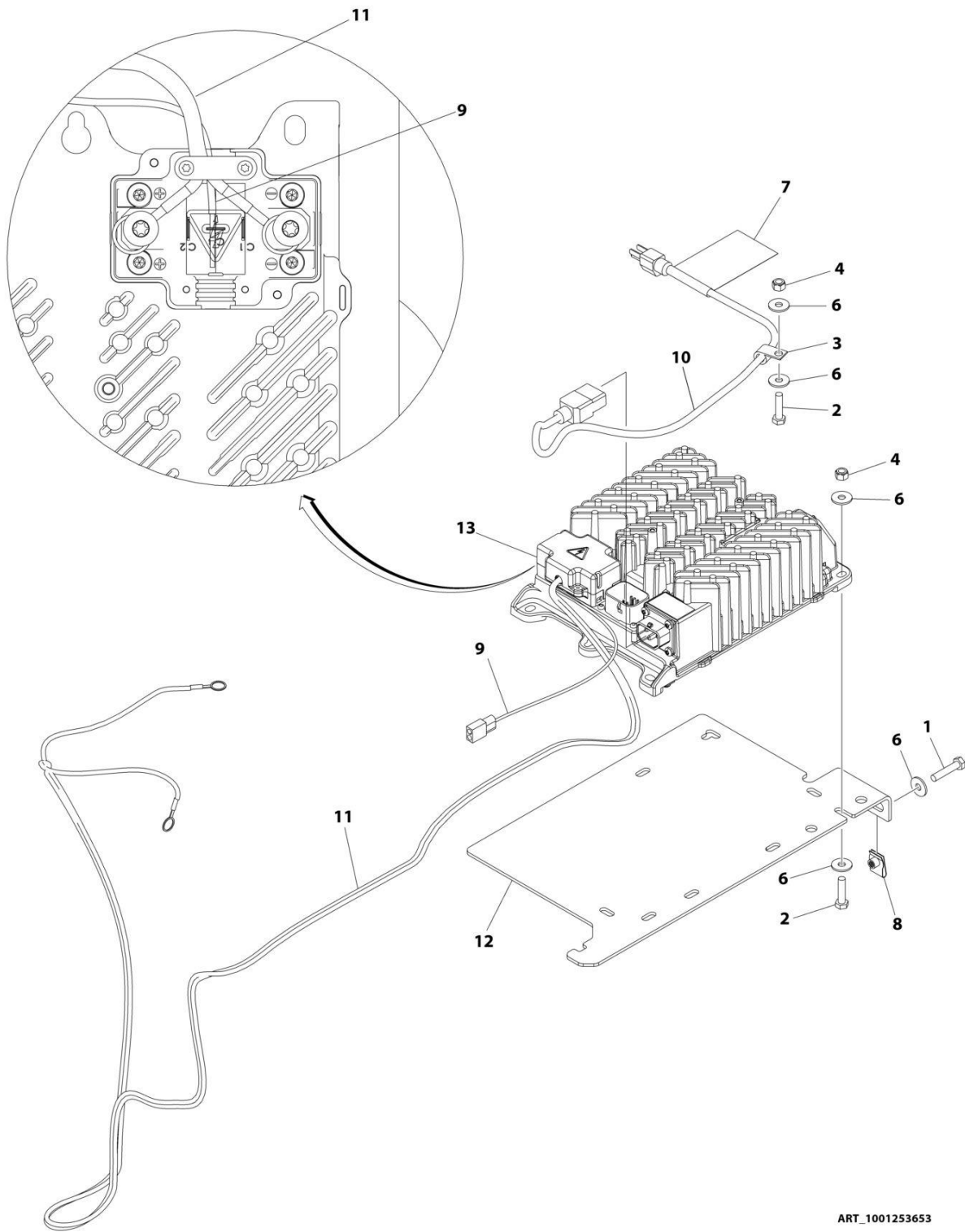
SECTION 1 - FRAME

**FIGURE 1-15. BATTERY CHARGER INSTALLATION - DELTA-Q (WITHOUT COMMUNICATION PORT)
(110V PLUG) (R1532I)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235152	Ref	BATTERY CHARGER INSTALLATION - DELTA-Q (110V PLUG)	B
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	

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FIGURE 1-16. BATTERY CHARGER INSTALLATION - DELTA-Q (WITH COMMUNICATION PORT)
(110V PLUG) (R1532I)



ART_1001253653

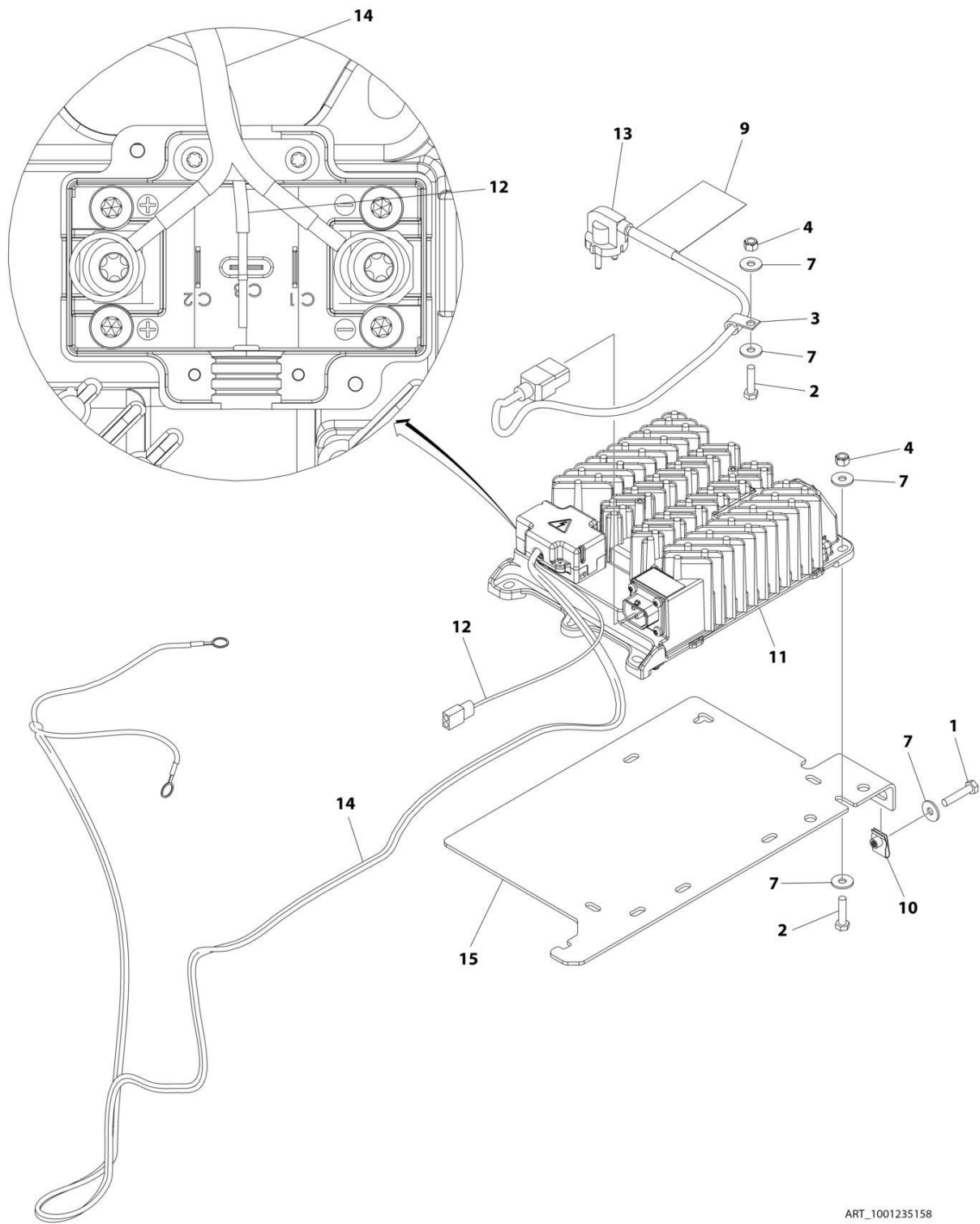
SECTION 1 - FRAME

**FIGURE 1-16. BATTERY CHARGER INSTALLATION - DELTA-Q (WITH COMMUNICATION PORT)
(110V PLUG) (R1532I)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001253653	Ref	BATTERY CHARGER INSTALLATION - DELTA-Q (110V PLUG)	A
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 Label	
8	1001130220	2	Nut, Tinnerman M6	
9	1001207009	1	Charger Interlock Harness	
9	4460424	1	Receptacle, Female - 2 Position	
9	4460227	2	Pin, Male	
10	1001207970	1	Battery Charger to AC Connection Cable	
11	1001235105	1	Battery Charger to DC Connection Cable	
12	1001236139	1	Bracket	
13	1001253952	1	Charger, Battery - Delta-Q	
14	1001254027	1	Can Splice Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
15	1001254028	1	Charger To Battery Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	

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FIGURE 1-17. BATTERY CHARGER INSTALLATION - DELTA-Q (WITHOUT COMMUNICATION PORT)
(KOREAN PLUG) (R1532i



ART_1001235158

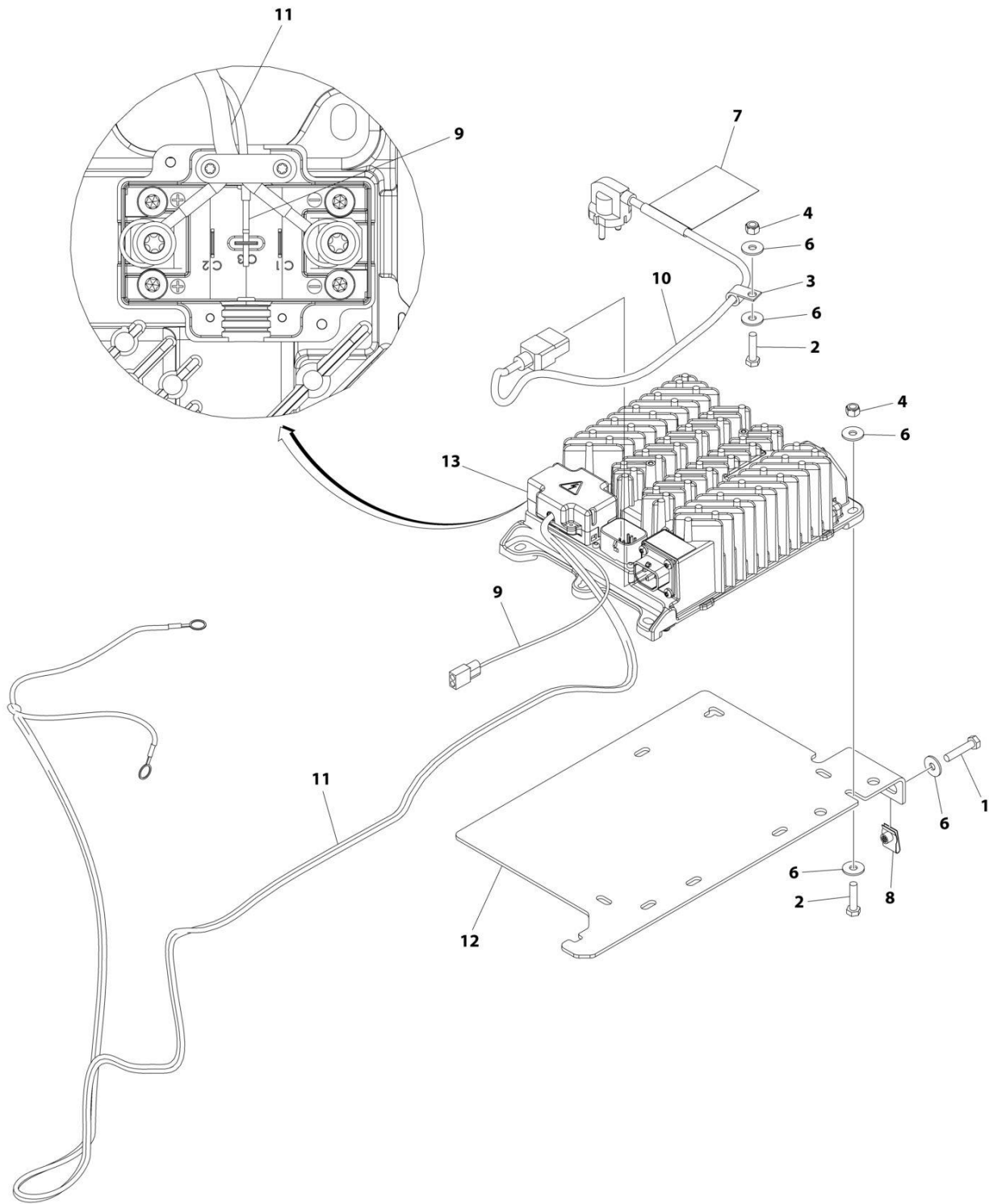
SECTION 1 - FRAME

**FIGURE 1-17. BATTERY CHARGER INSTALLATION - DELTA-Q (WITHOUT COMMUNICATION PORT)
(KOREAN PLUG) (R1532I)**

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 1-18. BATTERY CHARGER INSTALLATION - DELTA-Q (WITH COMMUNICATION PORT)
(KOREAN PLUG) (R1532i



ART_1001253655

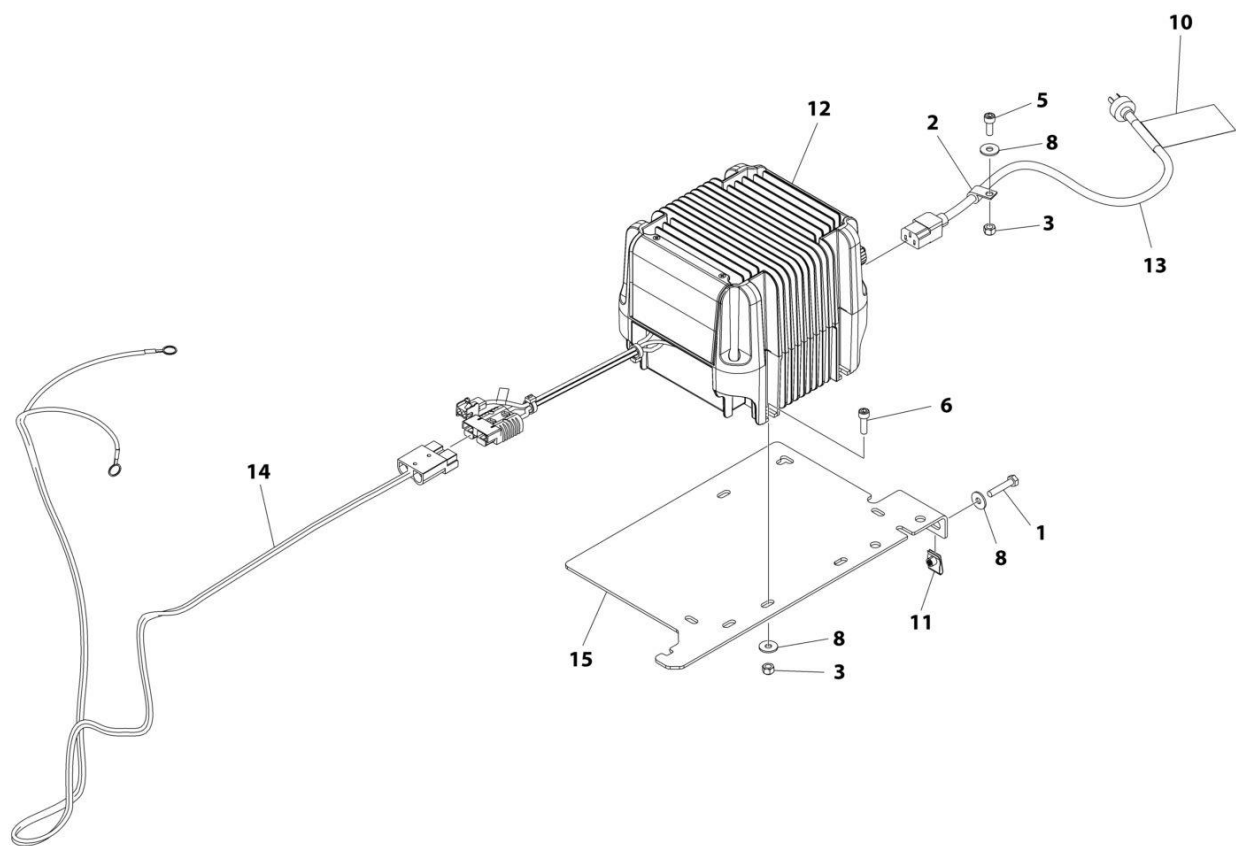
SECTION 1 - FRAME

**FIGURE 1-18. BATTERY CHARGER INSTALLATION - DELTA-Q (WITH COMMUNICATION PORT)
(KOREAN PLUG) (R1532I)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001253655	Ref	BATTERY CHARGER INSTALLATION - DELTA-Q (KOREAN PLUG)	A
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 Label	
8	1001130220	2	Nut, Tinnerman M6	
9	1001207009	1	Charger Interlock Harness	
9	4460424	1	Receptacle, Female - 2 Position	
9	4460227	2	Pin, Male	
10	1001221949	1	Battery Charger to AC Connection Cable	
11	1001235105	1	Battery Charger to DC Connection Cable	
12	1001236139	1	Bracket	
13	1001253952	1	Charger, Battery - Delta-Q	
14	1001254027	1	Can Splice Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
15	1001254028	1	Charger to Battery Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	

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FIGURE 1-19. BATTERY CHARGER INSTALLATION - GREEN POWER (CHINA PLUG) (MACHINES WITH SN STARTING WITH 12, B2 & G2) (R1532i



ART_1001235154

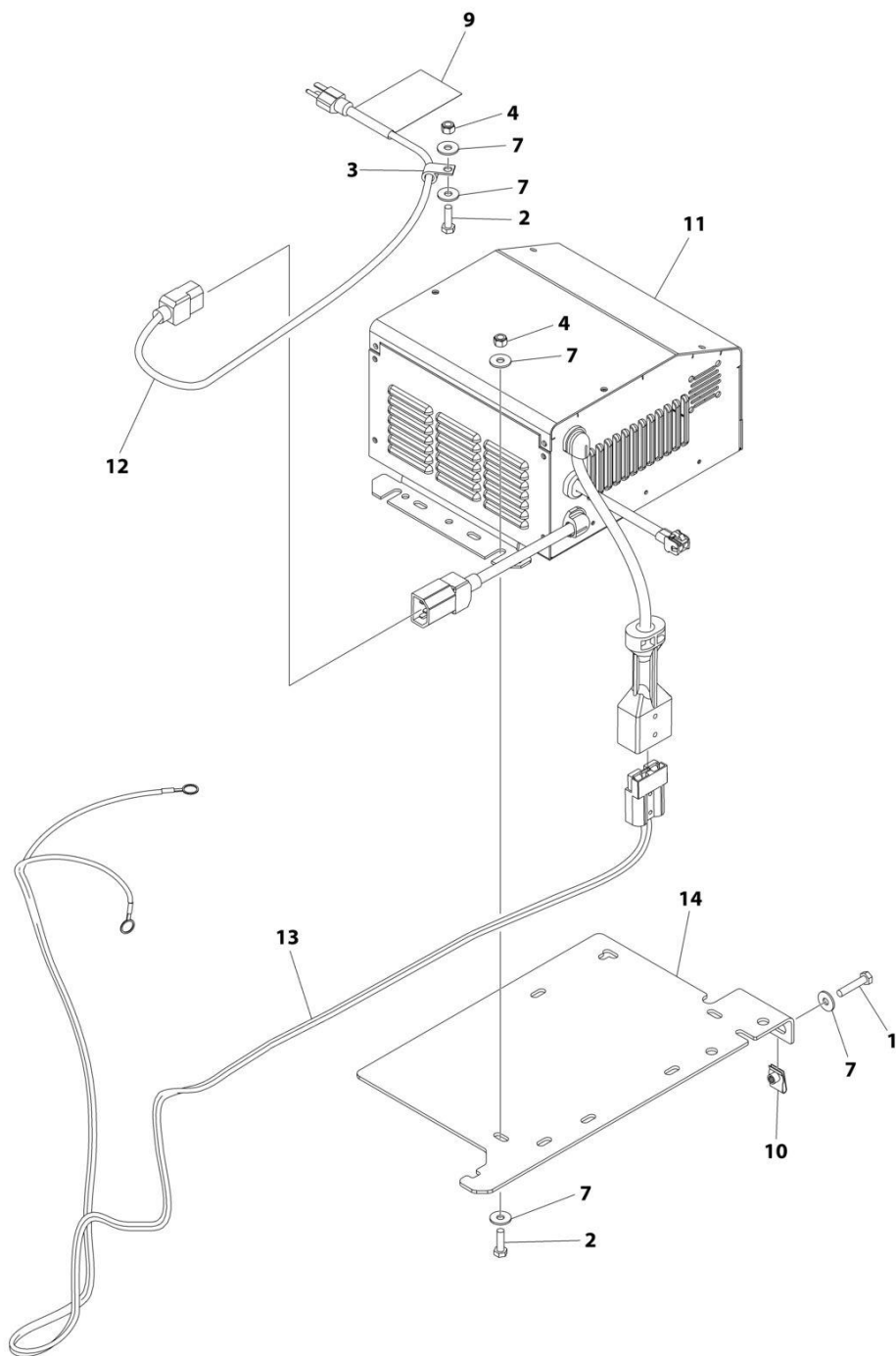
SECTION 1 - FRAME

FIGURE 1-19. BATTERY CHARGER INSTALLATION - GREEN POWER (CHINA PLUG) (MACHINES WITH SN STARTING WITH 12, B2 & G2) (R1532I

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235154	Ref	BATTERY CHARGER INSTALLATION - GREEN POWER (CHINA 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	1001207973	1	Cable, Charger AC Input	
14	1001235946	1	Charger DC Connection Harness	
15	1001236139	1	Bracket	

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FIGURE 1-20. BATTERY CHARGER INSTALLATION - EAGLE PERFORMANCE (110V PLUG)
(MACHINES WITH SN STARTING WITH M2) (R1532i



ART_1001235157

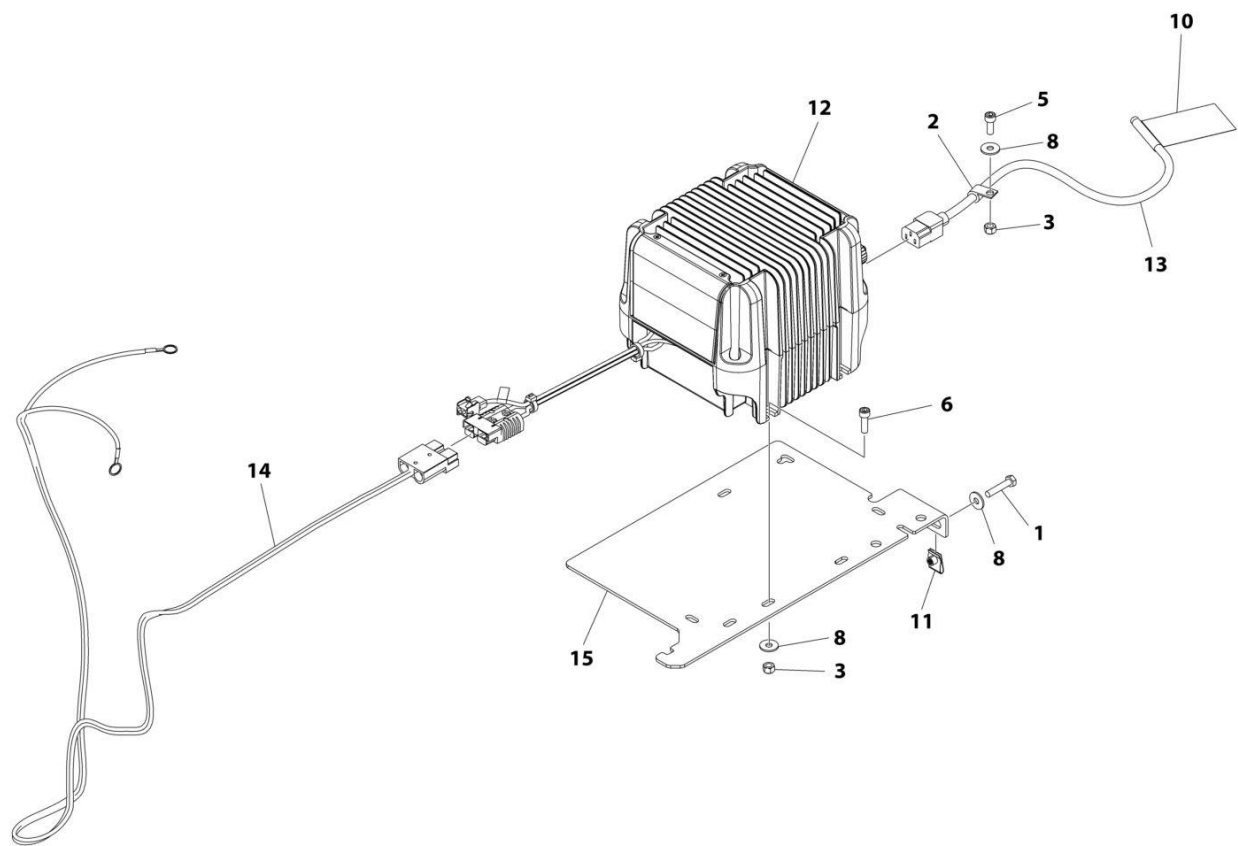
SECTION 1 - FRAME

**FIGURE 1-20. BATTERY CHARGER INSTALLATION - EAGLE PERFORMANCE (110V PLUG)
(MACHINES WITH SN STARTING WITH M2) (R1532I)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235157	Ref	BATTERY CHARGER INSTALLATION - EAGLE PERFORMANCE (110V PLUG)	C
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	

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**FIGURE 1-21. BATTERY CHARGER INSTALLATION - GREEN POWER (LOCALLY SUPPLIED PLUG)
(MACHINES WITH SN STARTING WITH 12, B2 & G2) (R1532i**



ART_1001235156

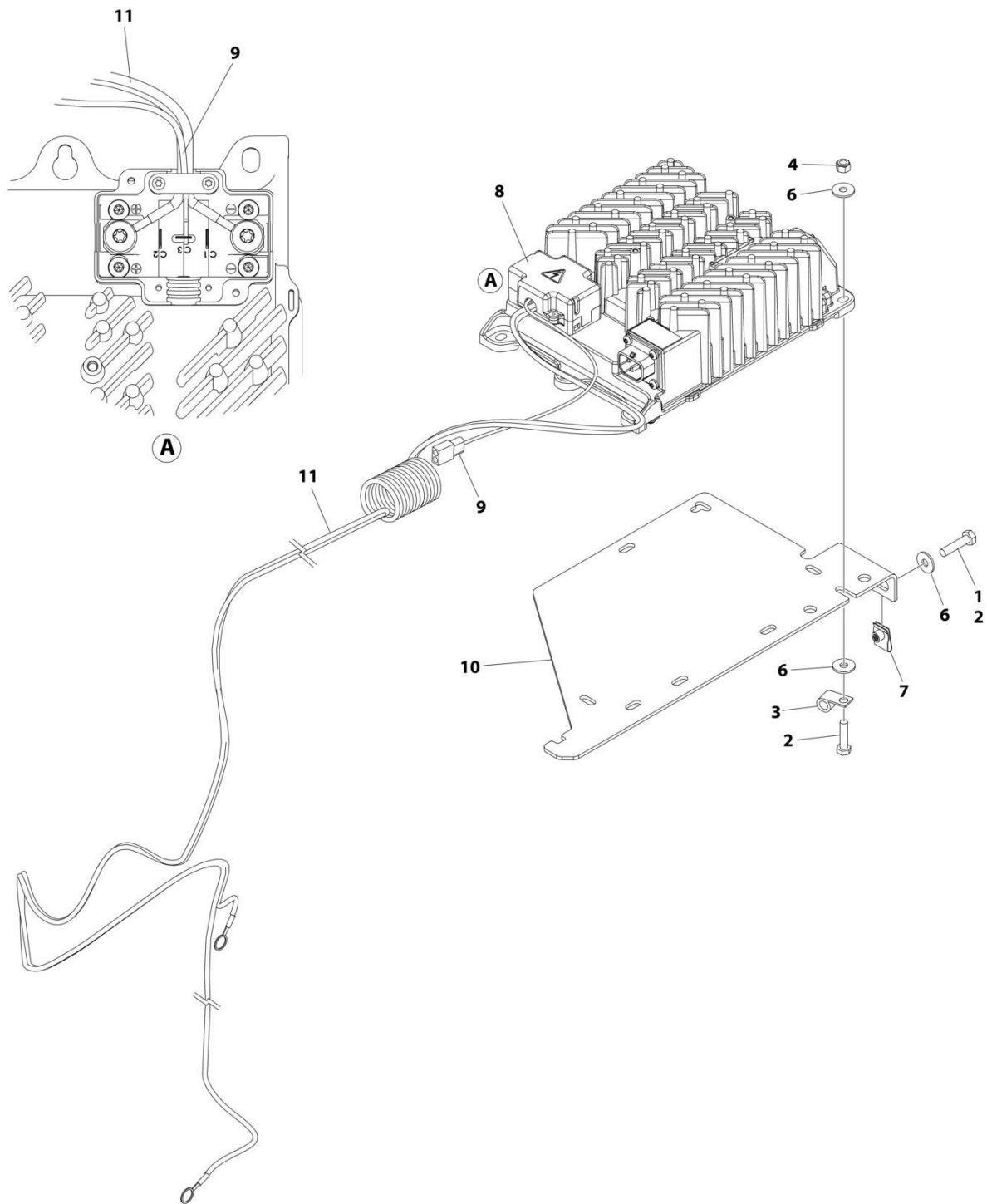
SECTION 1 - FRAME

**FIGURE 1-21. BATTERY CHARGER INSTALLATION - GREEN POWER (LOCALLY SUPPLIED PLUG)
(MACHINES WITH SN STARTING WITH 12, B2 & G2) (R1532I)**

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	

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FIGURE 1-22. BATTERY CHARGER INSTALLATION - DELTA-Q (WITHOUT COMMUNICATION PORT)
(R1932i/R1932)



ART_1001263256

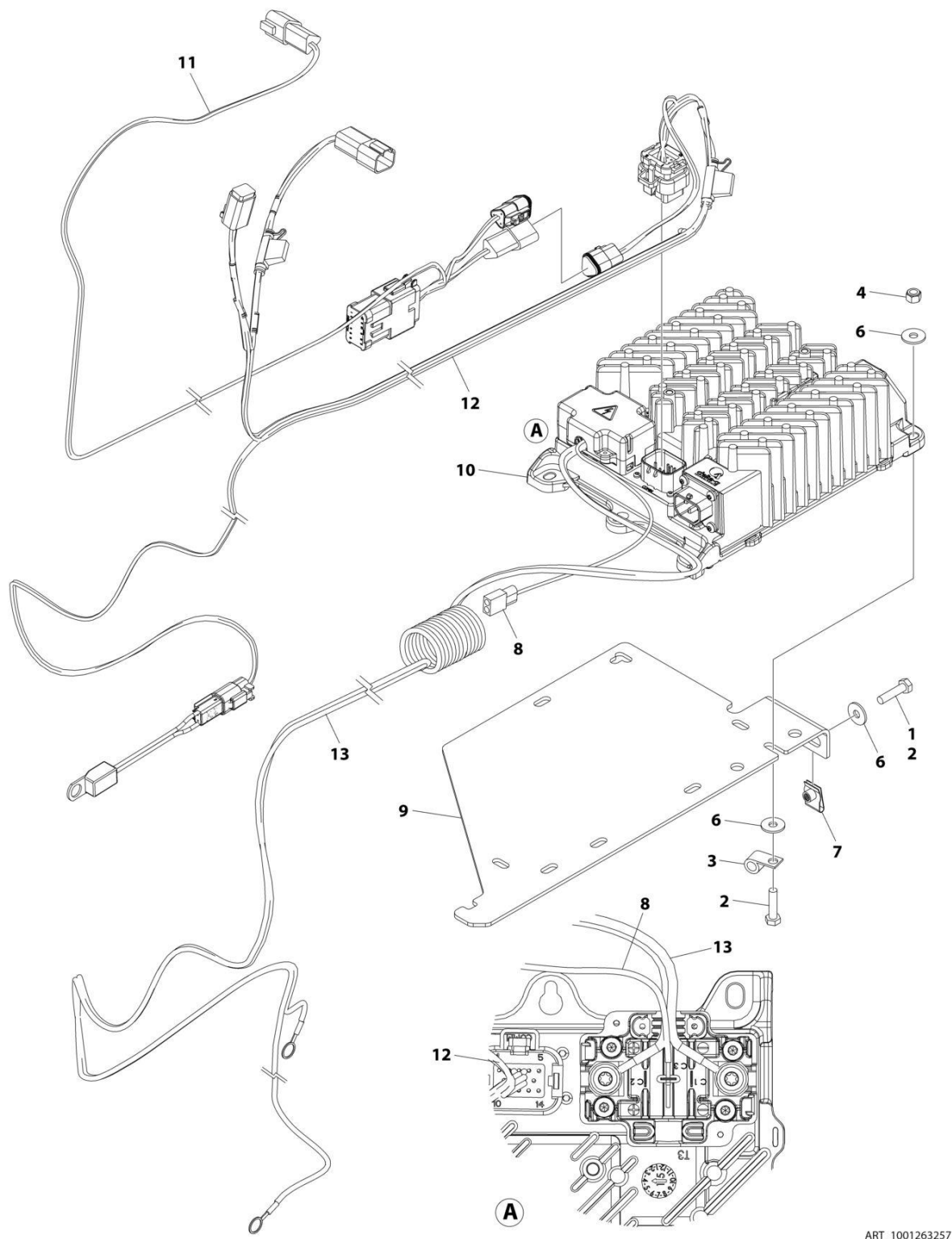
SECTION 1 - FRAME

**FIGURE 1-22. BATTERY CHARGER INSTALLATION - DELTA-Q (WITHOUT COMMUNICATION PORT)
(R1932I/R1932)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263256	Ref	BATTERY CHARGER INSTALLATION - DELTA-Q	A
1	0100011	AR	Compound, Locking	
2	0760612	5	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	1001130220	2	Nut, Tinnerman M6	
8	1001200561	1	Charger, Battery - Delta-Q	
9	1001207009	1	Charger Interlock Harness	
9	4460424	1	Receptacle, Female - 2 Position	
9	4460227	2	Pin, Male	
10	1001236139	1	Bracket	
11	1001256642	1	Charger DC Connection Harness	

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FIGURE 1-23. BATTERY CHARGER INSTALLATION - DELTA-Q (WITHOUT COMMUNICATION PORT)
(R1932i/R1932)



ART_1001263257

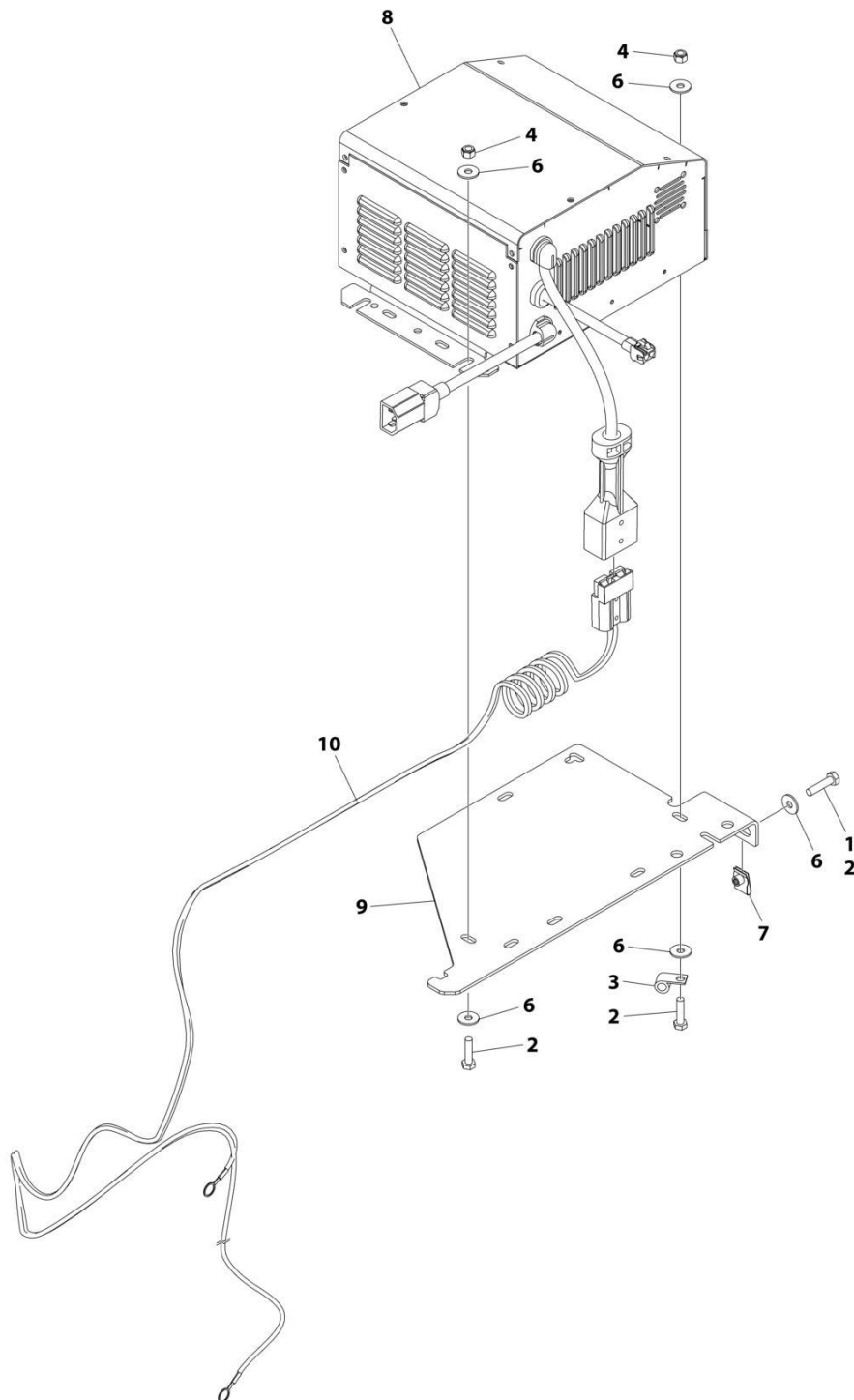
SECTION 1 - FRAME

**FIGURE 1-23. BATTERY CHARGER INSTALLATION - DELTA-Q (WITHOUT COMMUNICATION PORT)
(R1932I/R1932)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263257	Ref	BATTERY CHARGER INSTALLATION - DELTA-Q	A
1	0100011	AR	Compound, Locking	
2	0760612	5	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	1001130220	2	Nut, Tinnerman M6	
8	1001207009	1	Charger Interlock Harness	
8	4460424	1	Receptacle, Female - 2 Position	
8	4460227	2	Pin, Male	
9	1001236139	1	Bracket	
10	1001253952	1	Charger, Battery - Delta-Q	
11	1001254027	1	Can Splice Harness (See Separate Breakdown in ELECTRICAL Section)	
12	1001254028	1	Charger To Battery Harness (See Separate Breakdown in ELECTRICAL Section)	
13	1001256642	1	Battery Charger to DC Connection Cable	

SECTION 1 - FRAME

FIGURE 1-24. BATTERY CHARGER INSTALLATION - EAGLE PERFORMANCE (MACHINES WITH SN STARTING WITH M2) (R1932i/R1932)



ART_1001263258

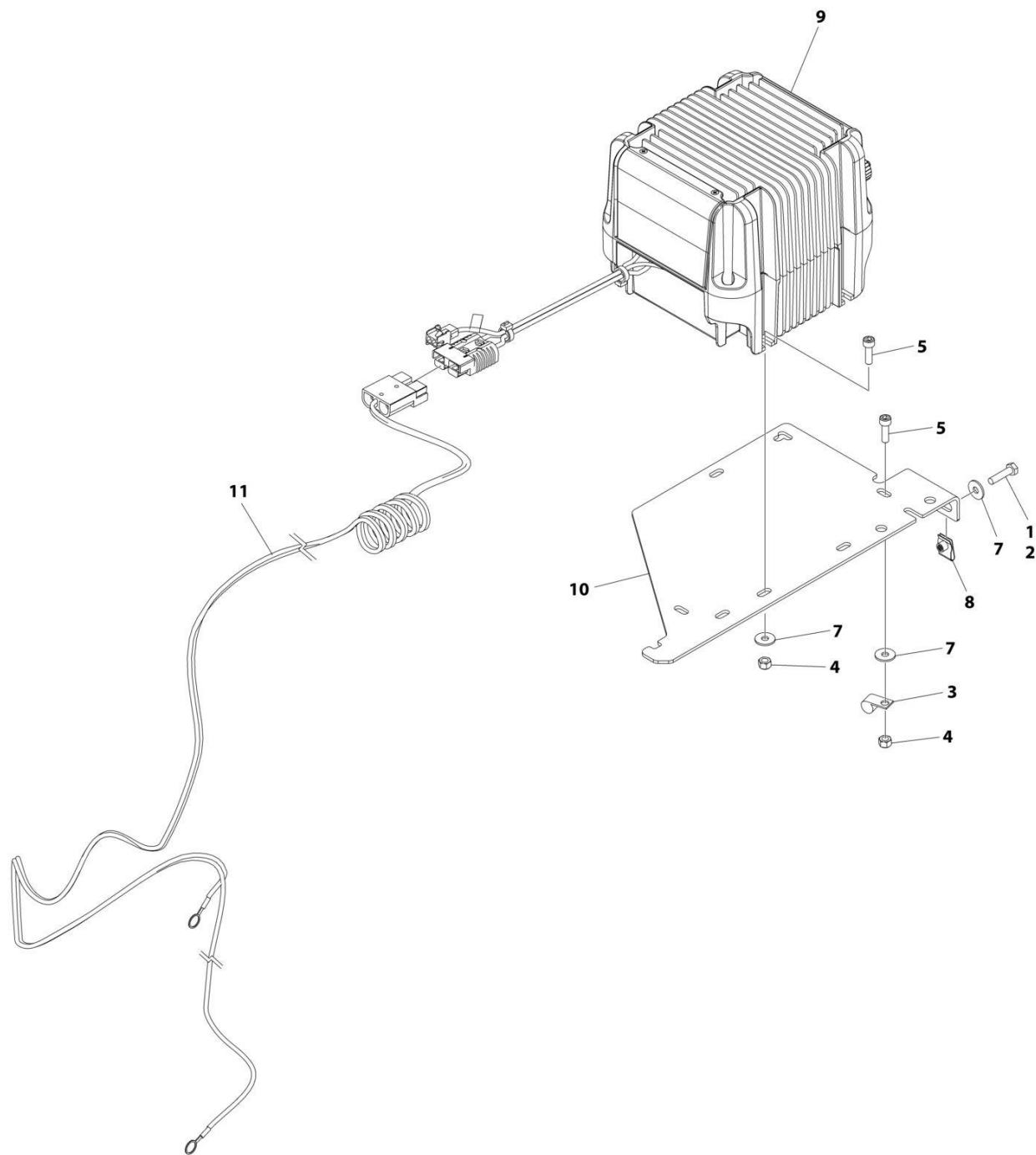
SECTION 1 - FRAME

FIGURE 1-24. BATTERY CHARGER INSTALLATION - EAGLE PERFORMANCE (MACHINES WITH SN STARTING WITH M2) (R1932I/R1932)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263258	Ref	BATTERY CHARGER INSTALLATION - EAGLE PERFORMANCE	A
1	0100011	AR	Compound, Locking	
2	0760612	5	Bolt M6 x 20	
3	1321293	1	Clamp	
4	3290605	3	Nut M6	
5	4240017	AR	Tie-Strap (Not Shown)	
6	4811702	8	Washer M6	
7	1001130220	2	Nut, Tinnerman M6	
8	1001206995	1	Charger, Battery - Eagle Performance	
9	1001236139	1	Bracket	
10	1001256643	1	Charger DC Connection Harness	

SECTION 1 - FRAME

**FIGURE 1-25. BATTERY CHARGER INSTALLATION - GREEN POWER (LOCALLY SUPPLIED PLUG)
(MACHINES WITH SN STARTING WITH 12, B2 & G2) (R1932i/R1932)**



ART_1001263259

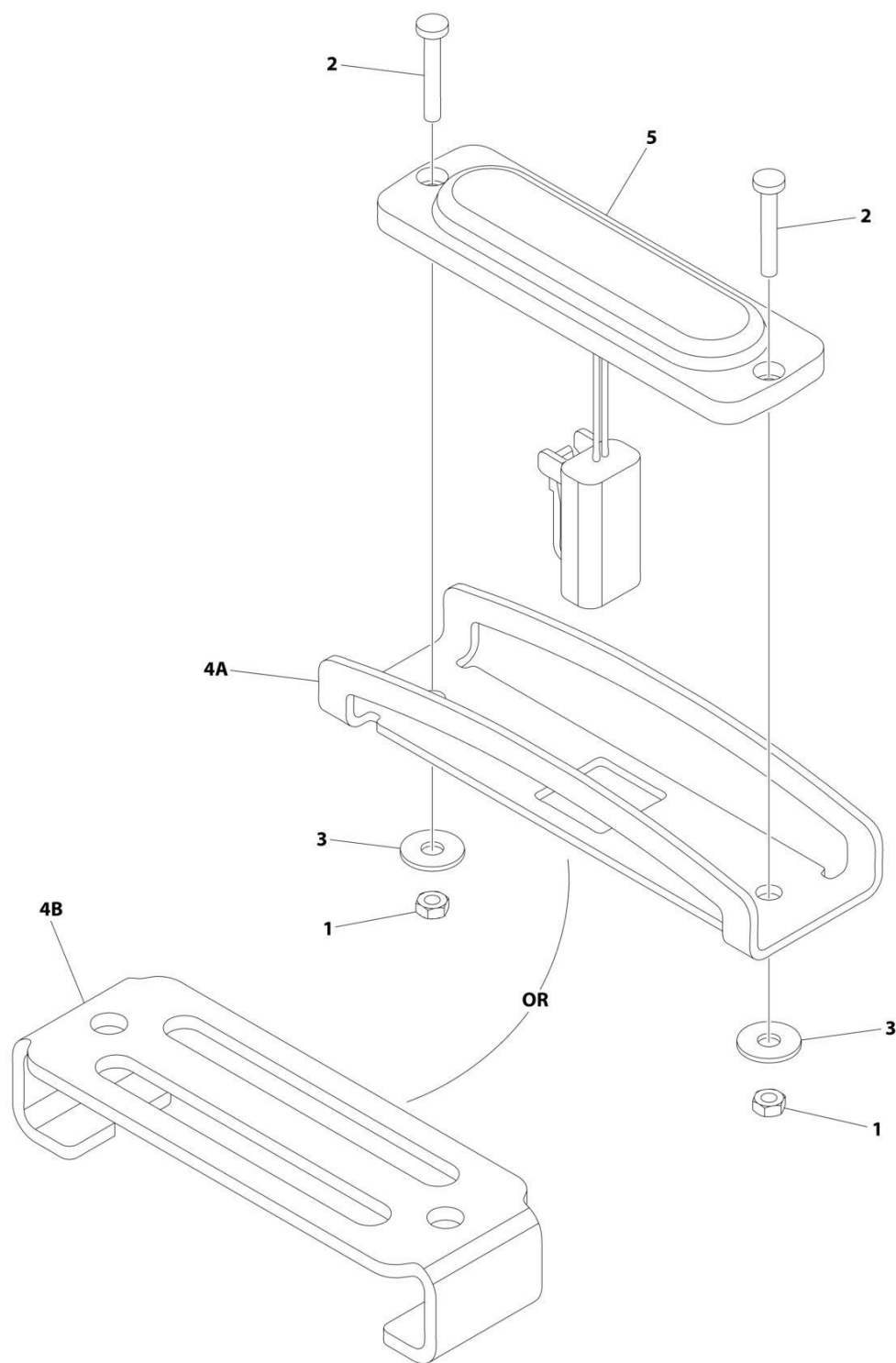
SECTION 1 - FRAME

**FIGURE 1-25. BATTERY CHARGER INSTALLATION - GREEN POWER (LOCALLY SUPPLIED PLUG)
(MACHINES WITH SN STARTING WITH 12, B2 & G2) (R1932I/R1932)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263259	Ref	BATTERY CHARGER INSTALLATION - GREEN POWER	A
1	0100011	AR	Compound, Locking	
2	0700612	2	Bolt M6 x 25	
3	1321293	1	Clamp, Cable	
4	3290605	4	Nut M6	
5	4031708	4	Capscrew M6 x 20	
6	4240017	AR	Tie-Strap (Not Shown)	
7	4811702	6	Washer M6	
8	1001130220	2	Nut, Tinnerman M6	
9	1001205598	1	Charger, Battery Green Power	
10	1001236139	1	Bracket	
11	1001256643	1	Charger DC Connection Harness	

SECTION 1 - FRAME

FIGURE 1-26. STROBE LIGHT INSTALLATION - SINGLE SANMAK BRAND (AMBER) (WITH GUARD)



ART_1001242697

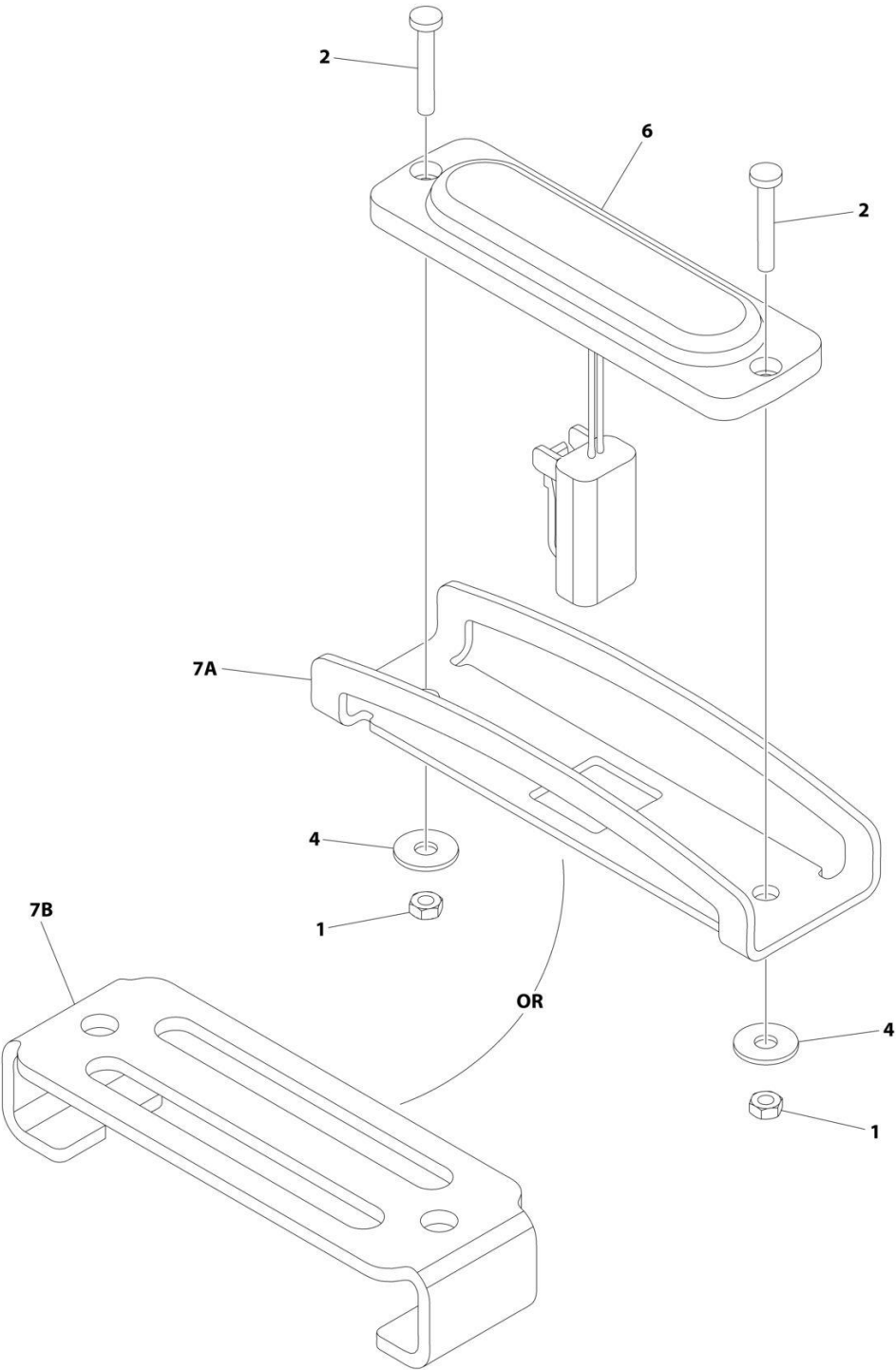
SECTION 1 - FRAME

FIGURE 1-26. STROBE LIGHT INSTALLATION - SINGLE SANMAK BRAND (AMBER) (WITH GUARD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242697	Ref	STROBE LIGHT INSTALLATION - SINGLE (AMBER) (WITH GUARD)	D
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	

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FIGURE 1-27. STROBE LIGHT INSTALLATION - DUAL SANMAK BRAND (AMBER) (WITH GUARD)



ART_1001247862

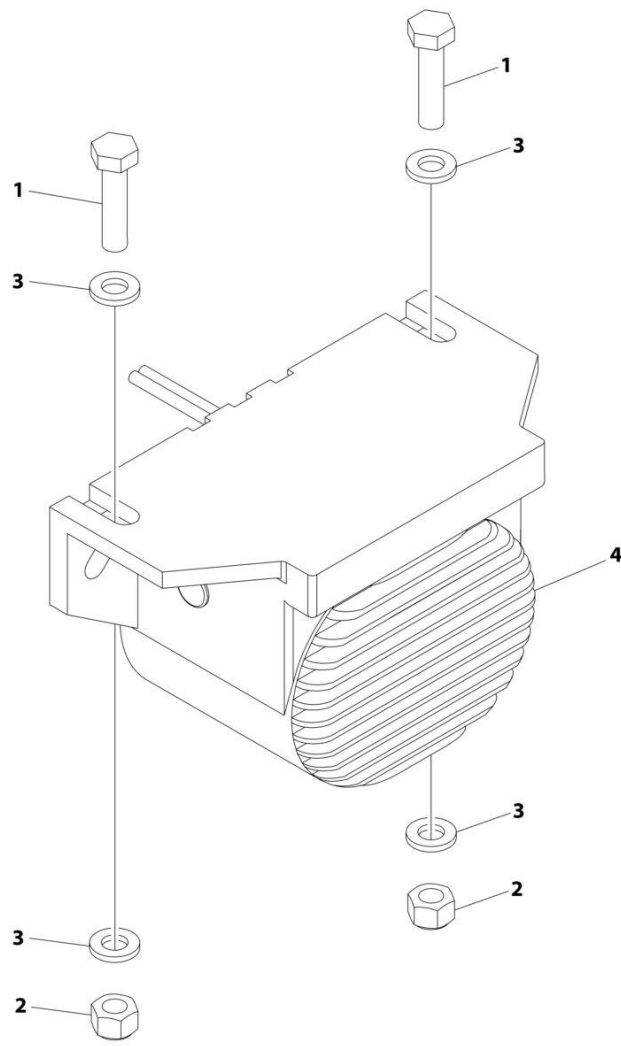
SECTION 1 - FRAME

FIGURE 1-27. STROBE LIGHT INSTALLATION - DUAL SANMAK BRAND (AMBER) (WITH GUARD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001247862	Ref	STROBE LIGHT INSTALLATION - DUAL (AMBER) (WITH GUARD)	C
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	1001201707	1	Strobe Light Jumper Harness (Not Shown)	
6	1001239224	2	Light, Strobe	
6	4460891	1	Plug, Male - 2 Position	
6	4460465	2	Socket, Female	
7A	1001242539	2	Guard	
7B	1001239661	2	Cover	

SECTION 1 - FRAME

FIGURE 1-28. ALARM INSTALLATION (AMBIENT/WHITE NOISE) (OPTIONAL)



ART_1001204495

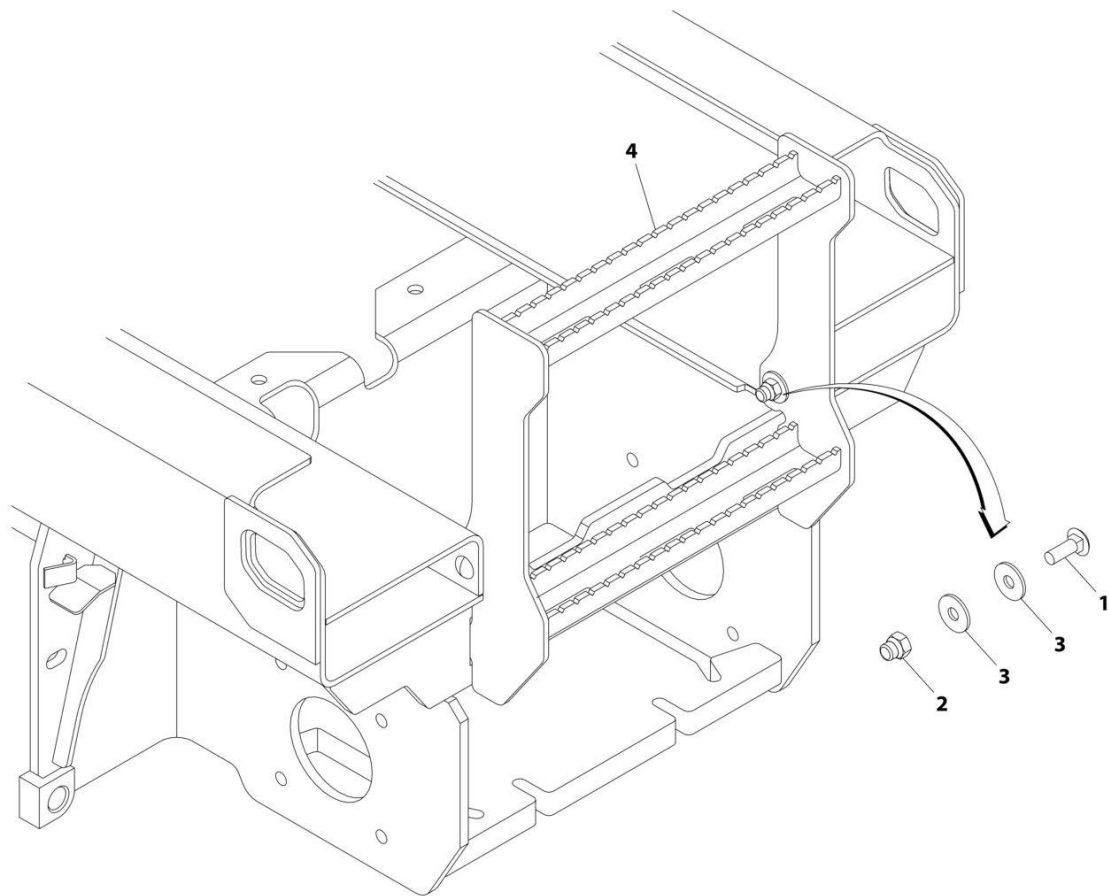
SECTION 1 - FRAME

FIGURE 1-28. ALARM INSTALLATION (AMBIENT/WHITE NOISE) (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204495	Ref	ALARM INSTALLATION (AMBIENT/WHITE NOISE)	B
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 1-29. LADDER INSTALLATION



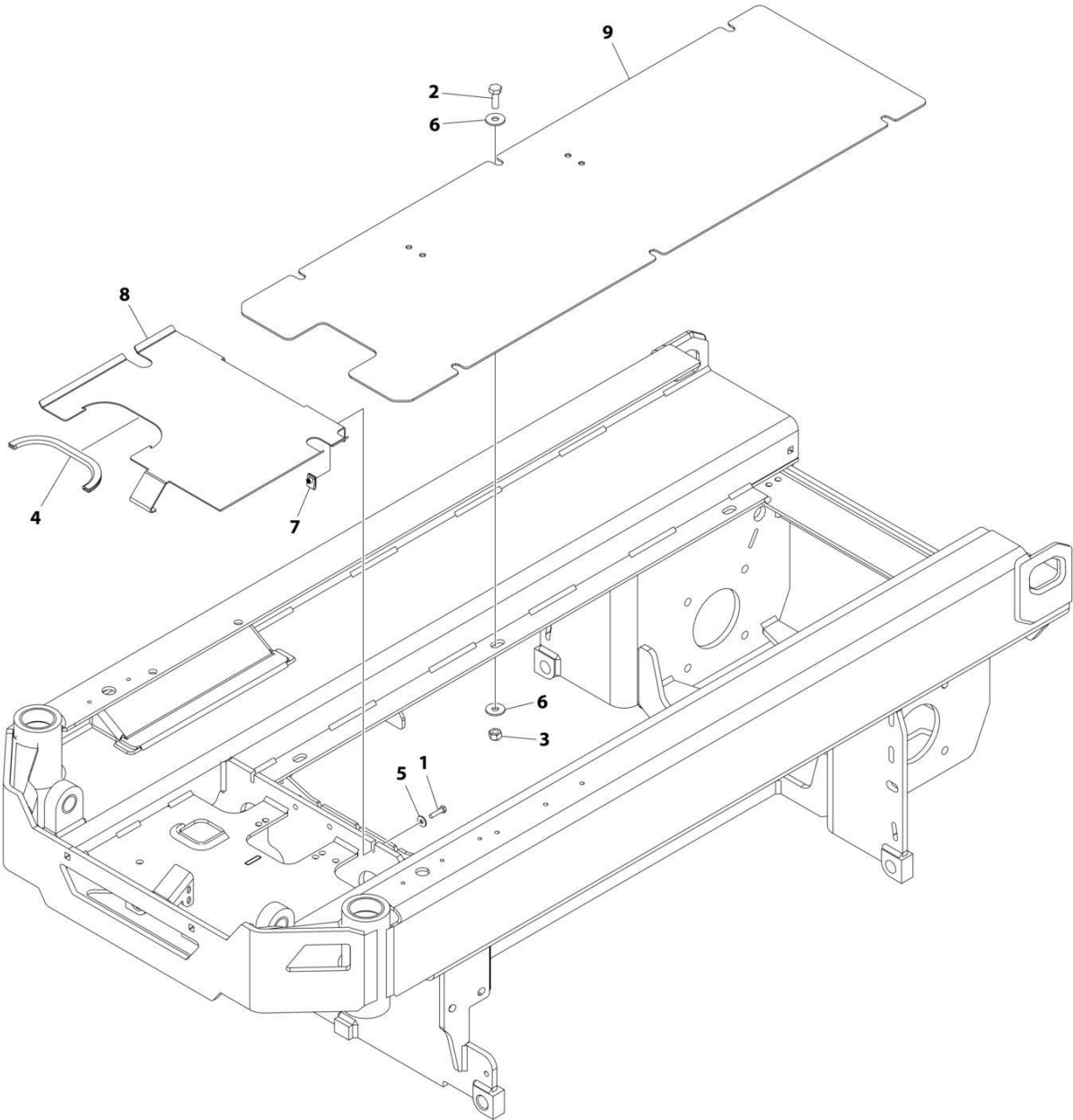
ART_1001203453

FIGURE 1-29. LADDER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203453	Ref	LADDER INSTALLATION	C
1	0630613	2	Bolt M10 x 30	
2	3291006	2	Nut M10	
3	4812002	AR	Washer M10	
4	1001203457	1	Ladder	

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FIGURE 1-30. FRAME COVERS INSTALLATION - FRONT AND REAR (R1532i/R1932i)



ART_1001253359

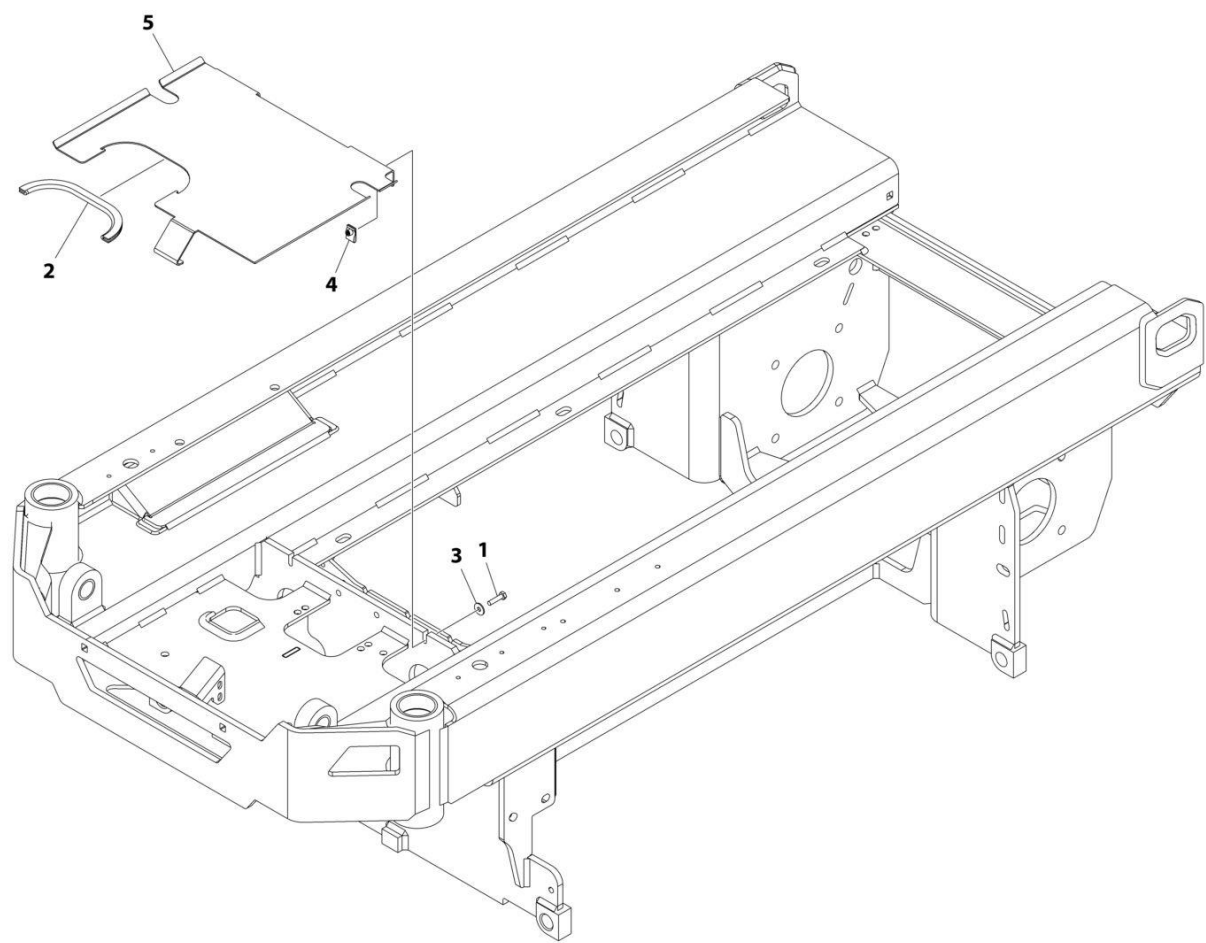
SECTION 1 - FRAME

FIGURE 1-30. FRAME COVERS INSTALLATION - FRONT AND REAR (R1532I/R1932I)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001253359	Ref	FRAME COVERS INSTALLATION	B
1	0700612	2	Bolt M6 x 25	
2	0701014	6	Bolt M10 x 30	
3	3291005	6	Nut M10	
4	4060803	12.99 in /33cm	Flex-Trim	
5	4811702	2	Washer M6	
6	4812002	12	Washer M10	
7	1001130220	2	Nut, Tinnerman M6	
8	1001227966	1	Cover	
9	1001253039	1	Cover	

SECTION 1 - FRAME

FIGURE 1-31. FRAME COVERS INSTALLATION - FRONT (R1932)



ART_1001250431

SECTION 1 - FRAME

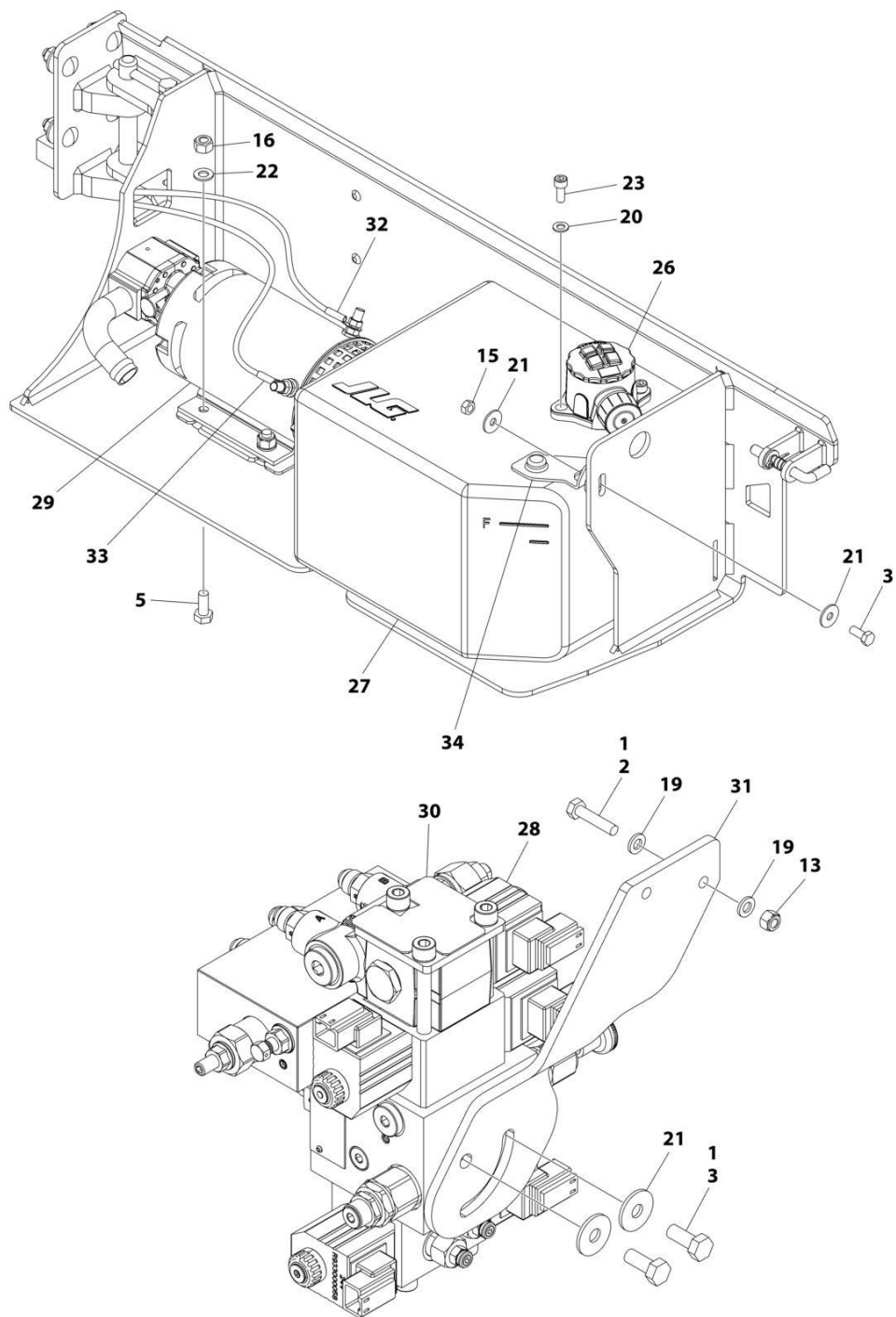
FIGURE 1-31. FRAME COVERS INSTALLATION - FRONT (R1932)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250431	Ref	FRAME COVERS INSTALLATION	A
1	0700612	2	Bolt M6 x 25	
2	4060803	12.99 in /33cm	Flex-Trim	
3	4811702	2	Washer M6	
4	1001130220	2	Nut, Tinnerman M6	
5	1001227966	1	Cover	

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SECTION 2 - GROUND CONTROLS

FIGURE 2-1. HYDRAULIC COMPONENTS INSTALLATION (WITH CONCENTRIC PUMP/MOTOR)



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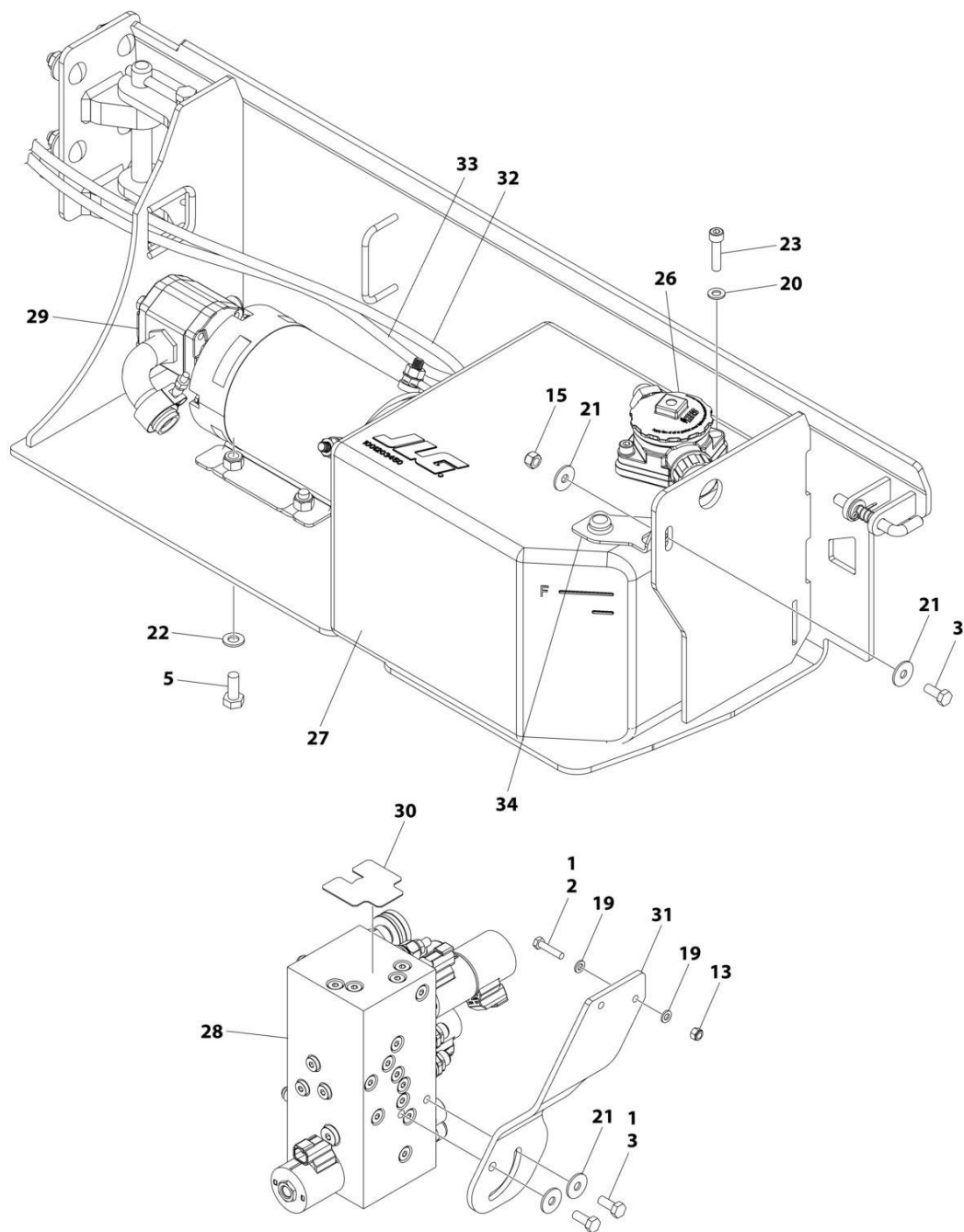
SECTION 2 - GROUND CONTROLS

FIGURE 2-1. HYDRAULIC COMPONENTS INSTALLATION (WITH CONCENTRIC PUMP/MOTOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001253358	Ref	HYDRAULIC COMPONENTS INSTALLATION	C
1	0100011	AR	Compound, Locking	
2	0760613	2	Bolt M6 x 28	
3	0760810	3	Bolt M8 x 20	
5	0761012	2	Bolt M10 x 25	
13	3290605	2	Nut M6	
19	4811700	4	Washer M6	
21	4811902	4	Washer M8	
22	4812000	2	Washer M10	
23	5271808	2	Capscrew M8 x 20	
26	1001202851	1	Filter, Hydraulic	
26	70005423	1	Filter Element Kit (Includes Element, Cap O-Ring and Bowl O-Ring)	
26	70007946	1	O-Ring, Bowl	
27	1001203450	1	Tank, Hydraulic	
28	1001204174	1	Valve Assembly (See Separate Breakdown in this Section)	
29	1001204719	1	Motor/Pump Assembly	
29	70005815	1	Replacement Motor	
29	70005817	1	Replacement Pump	
29	70005816	1	Seal and Mounting Kit (Includes Shaft Seal, Retaining Ring, Gasket and Pump Mounting Hardware)	
30	1001212294	1	Decal - Valve Rotate	
31	1001253038	1	Bracket	
32	1001254173	1	Cable, Pump (-)	
33	1001254174	1	Cable, Pump (+)	
34	1001269730	1	Bracket	

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FIGURE 2-2. HYDRAULIC COMPONENTS INSTALLATION (WITH BUCHER PUMP/MOTOR)



ART_1001276592_10F2

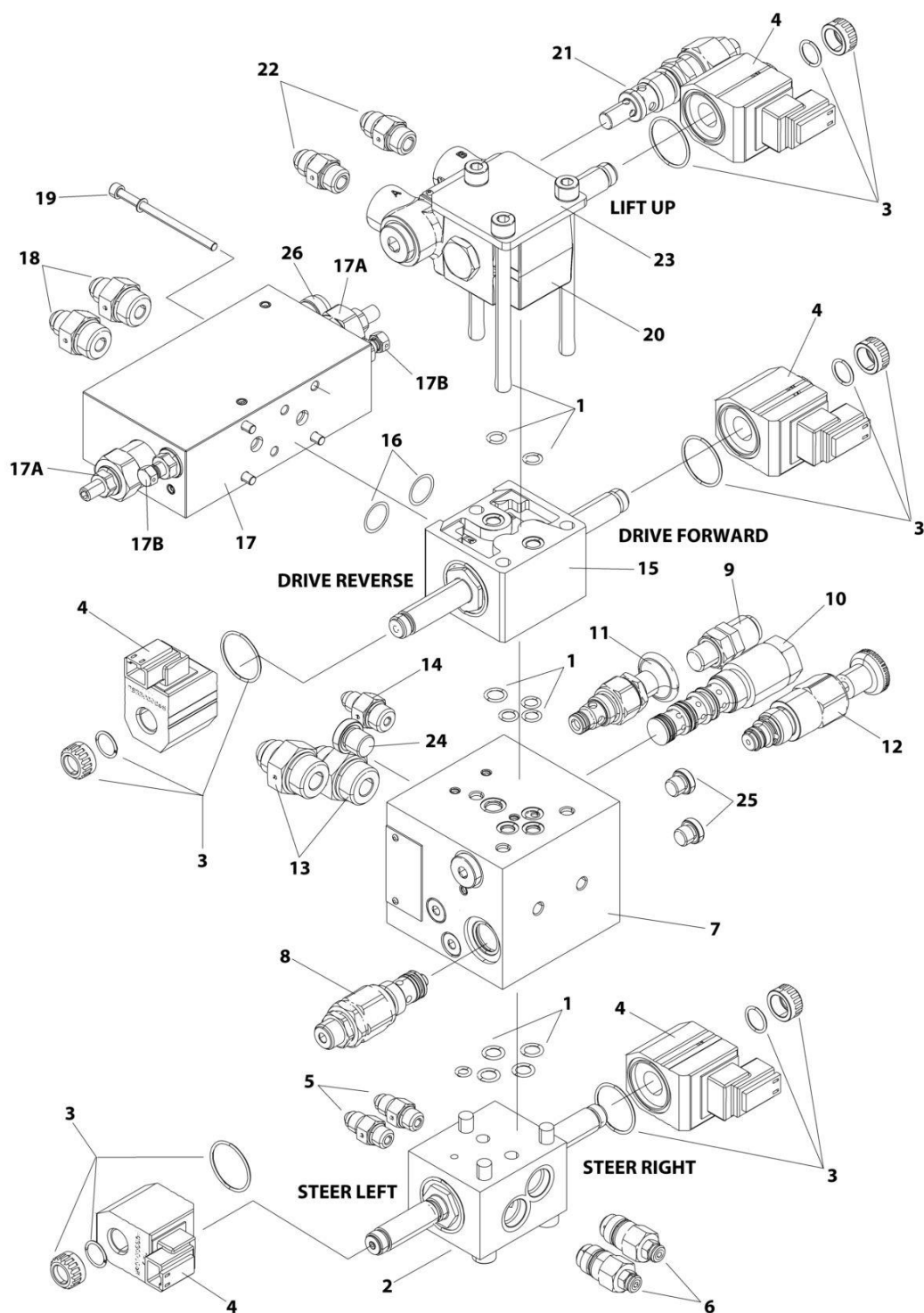
SECTION 2 - GROUND CONTROLS

FIGURE 2-2. HYDRAULIC COMPONENTS INSTALLATION (WITH BUCHER PUMP/MOTOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276592	Ref	HYDRAULIC COMPONENTS INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0760613	2	Bolt M6 x 28	
3	0760810	3	Bolt M8 x 20	
5	0761012	2	Bolt M10 x 25	
13	3290605	2	Nut M6	
15	3290805	1	Nut M8	
19	4811700	4	Washer M6	
20	4811900	2	Washer M8	
21	4811902	4	Washer M8	
22	4812000	2	Washer M10	
23	5271811	2	Bolt M8 x 35	
26	1001276711	1	Filter, Hydraulic	
26	70008576	1	Filter Element	
26	70008577	1	Breather	
27	1001203450	1	Tank, Hydraulic	
28	1001276712	1	Valve Assembly (See Separate Breakdown in this Section)	
29	1001269480	1	Motor/Pump Assembly	
29	See Note	1	Replacement Motor (Note: Not Available at Time of Printing)	
29	See Note	1	Replacement Pump (Note: Not Available at Time of Printing)	
29	See Note	1	Seal and Mounting Kit (Note: Not Available at Time of Printing)	
30	1001276713	1	Decal - Manifold	
31	1001253038	1	Bracket	
32	1001254173	1	Cable, Pump (-)	
33	1001254174	1	Cable, Pump (+)	
34	1001269730	1	Bracket	

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FIGURE 2-3. VALVE ASSEMBLY - REXROTH (USED WITH CONCENTRIC PUMP/MOTOR)



ART_1001204174

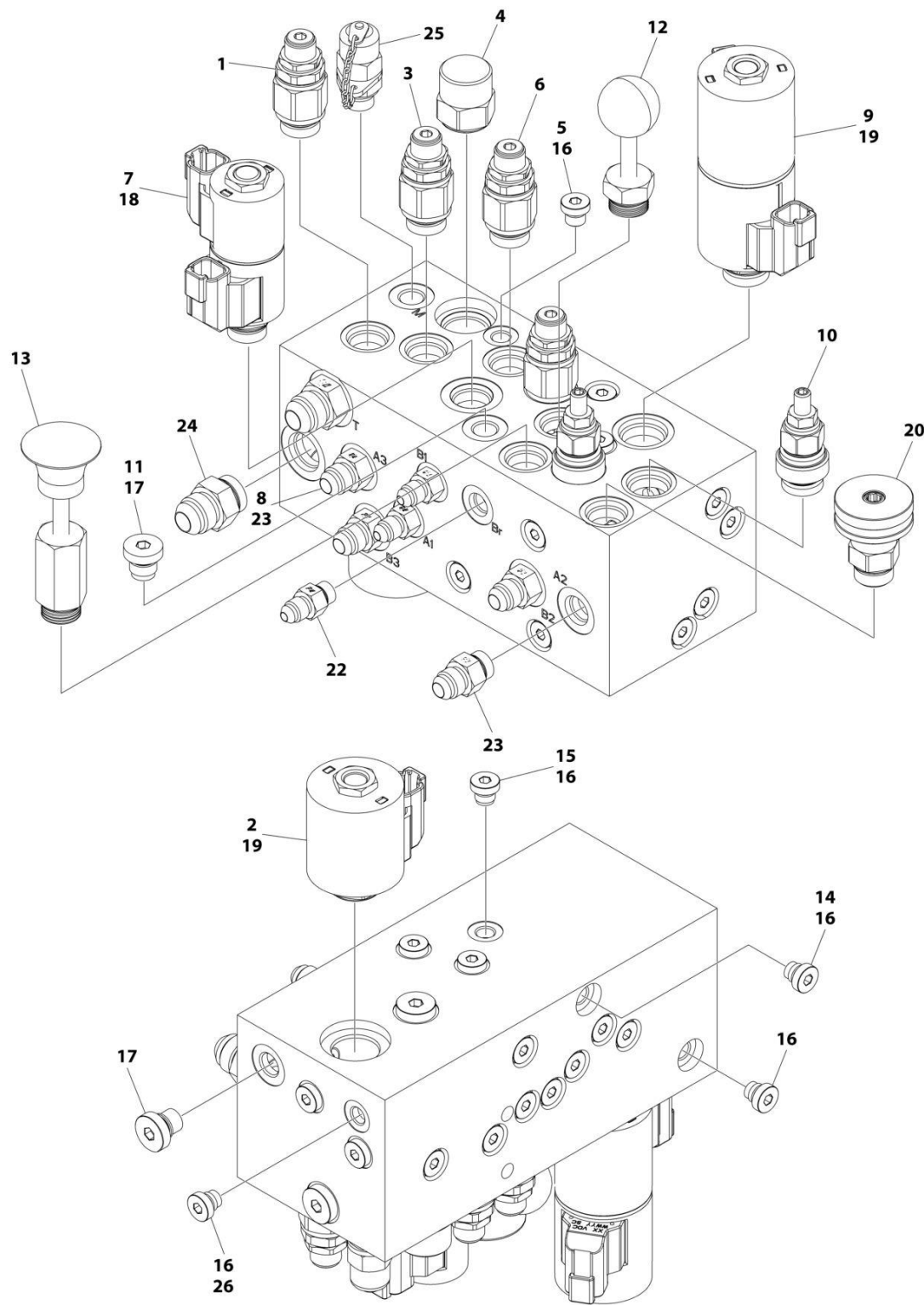
SECTION 2 - GROUND CONTROLS

FIGURE 2-3. VALVE ASSEMBLY - REXROTH (USED WITH CONCENTRIC PUMP/MOTOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204174	Ref	VALVE ASSEMBLY	E
1	70005891	1	Assembly Kit (Includes Assembly Hardware and Seals Between Valve Blocks)	
2	70005892	1	Valve Assembly Less Coils (Steer)	
3	70021209	5	Coil Retainer Kit	
4	70005893	5	Coil	
5	2220415	2	Fitting, Straight	
6	70005895	2	Valve, Cartridge (Steer)	
7	See Note	NSS	Block, Valve (Entry Valve) (Note: Use p/n 1001204174)	
8	70005896	1	Valve, Cartridge	
9	2221086	1	Fitting, Hydraulic Test	
10	70005898	1	Valve, Cartridge	
11	70005899	1	Valve, Cartridge	
12	70005900	1	Valve, Cartridge	
13	2220374	2	Fitting, Straight JIC/ORB	
14	2220582	1	Fitting, Straight JIC/ORB	
15	70005903	1	Valve Assembly Less Coils (Lower Drive Valve)	
16	70005904	1	Seal Kit	
17	70005905	1	Valve Assembly (Upper Drive Valve)	
17A	See Note	NSS	Valve, Cartridge (Note: Use p/n 70005905)	
17B	See Note	NSS	Valve, Cartridge (Note: Use p/n 70005905)	
18	2220372	2	Fitting, Straight JIC/ORB	
19	70005907	1	Hardware Kit - Valve Mounting	
20	70005908	1	Valve Assembly Less Coil (Lift)	
21	70005909	1	Valve, Cartridge	
22	2220371	2	Fitting, Straight JIC/ORB	
23	70005911	1	Plate, End	
24	70005912	1	Plug	
25	70005913	2	Plug	
26	70005914	1	Valve, Cartridge	

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FIGURE 2-4. VALVE ASSEMBLY - STANT (USED WITH BUCHER PUMP/MOTOR)



ART_1001276712

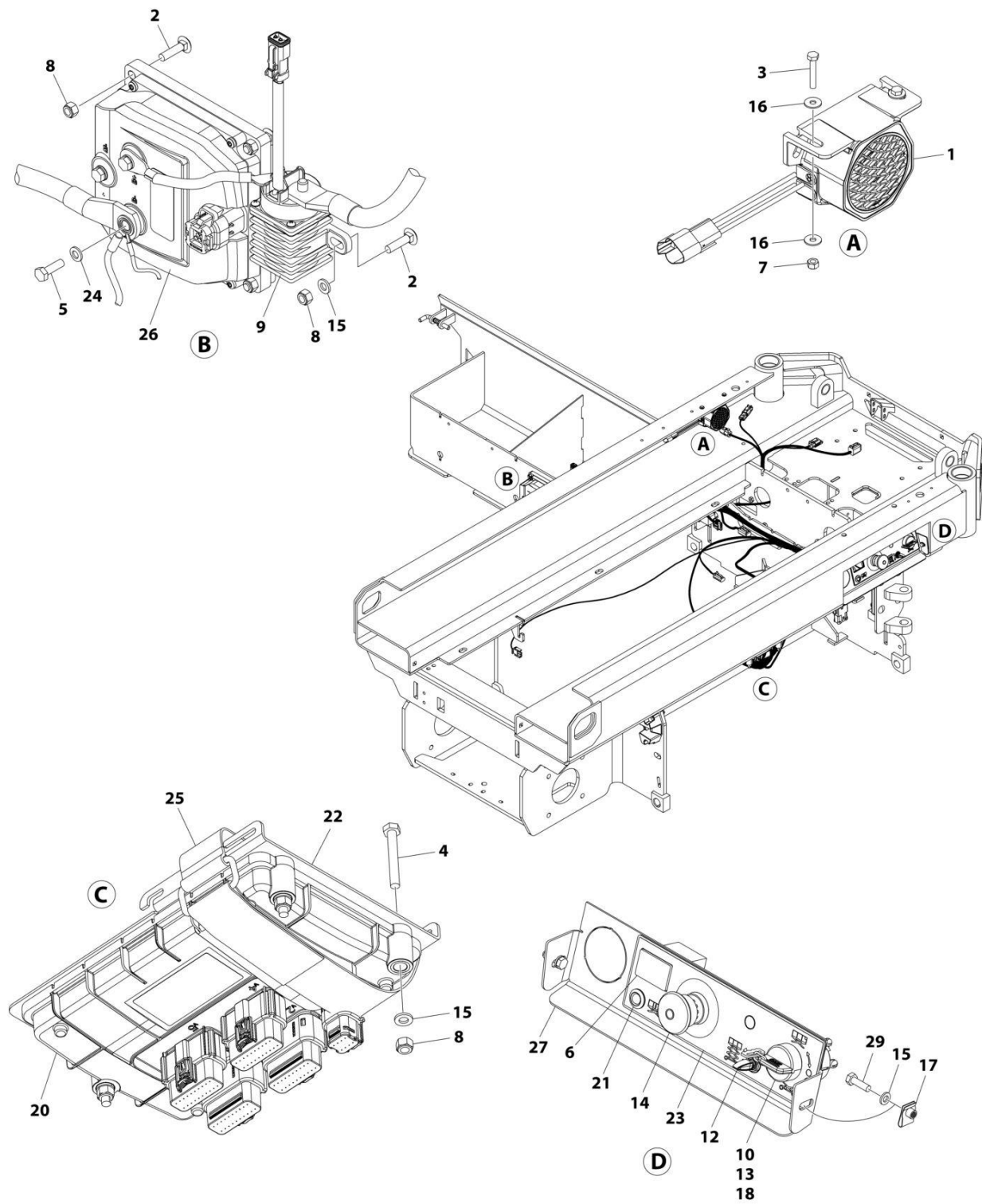
SECTION 2 - GROUND CONTROLS

FIGURE 2-4. VALVE ASSEMBLY - STANT (USED WITH BUCHER PUMP/MOTOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276712	Ref	VALVE ASSEMBLY	A
		Ref	Note: No Other Service Parts Available at Time of Printing.	
1		Ref	Valve, Cartridge - Relief	
2	8036580	1	Valve, Solenoid Cartridge (Less Coil)	
3		Ref	Valve, Cartridge - Relief	
4		Ref	Valve, Cartridge	
5		Ref	Orifice	
6		Ref	Valve, Cartridge - Relief	
7		Ref	Valve, Cartridge	
8		Ref	Orifice	
9	7017470	1	Valve, Solenoid Cartridge (Less Coil)	
10		Ref	Valve, Cartridge - Counter Balance	
11		Ref	Valve, Cartridge - Check	
12		Ref	Valve, Cartridge	
13		Ref	Pump, Hand	
14		Ref	Valve, Cartridge - Check	
15		Ref	Orifice	
16		Ref	Plug	
17		Ref	Plug	
18		Ref	Coil	
19		Ref	Coil	
20		Ref	Valve, Cartridge	
21		Ref	Orifice (Not Shown)	
22		Ref	Fitting, Straight	
23		Ref	Fitting, Straight	
24		Ref	Fitting, Straight	
25		Ref	Fitting, Test	
26		Ref	Orifice	

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FIGURE 2-5. ELECTRICAL COMPONENTS INSTALLATION (MACHINES WITH SN STARTING WITH M2)



ART_1001254444

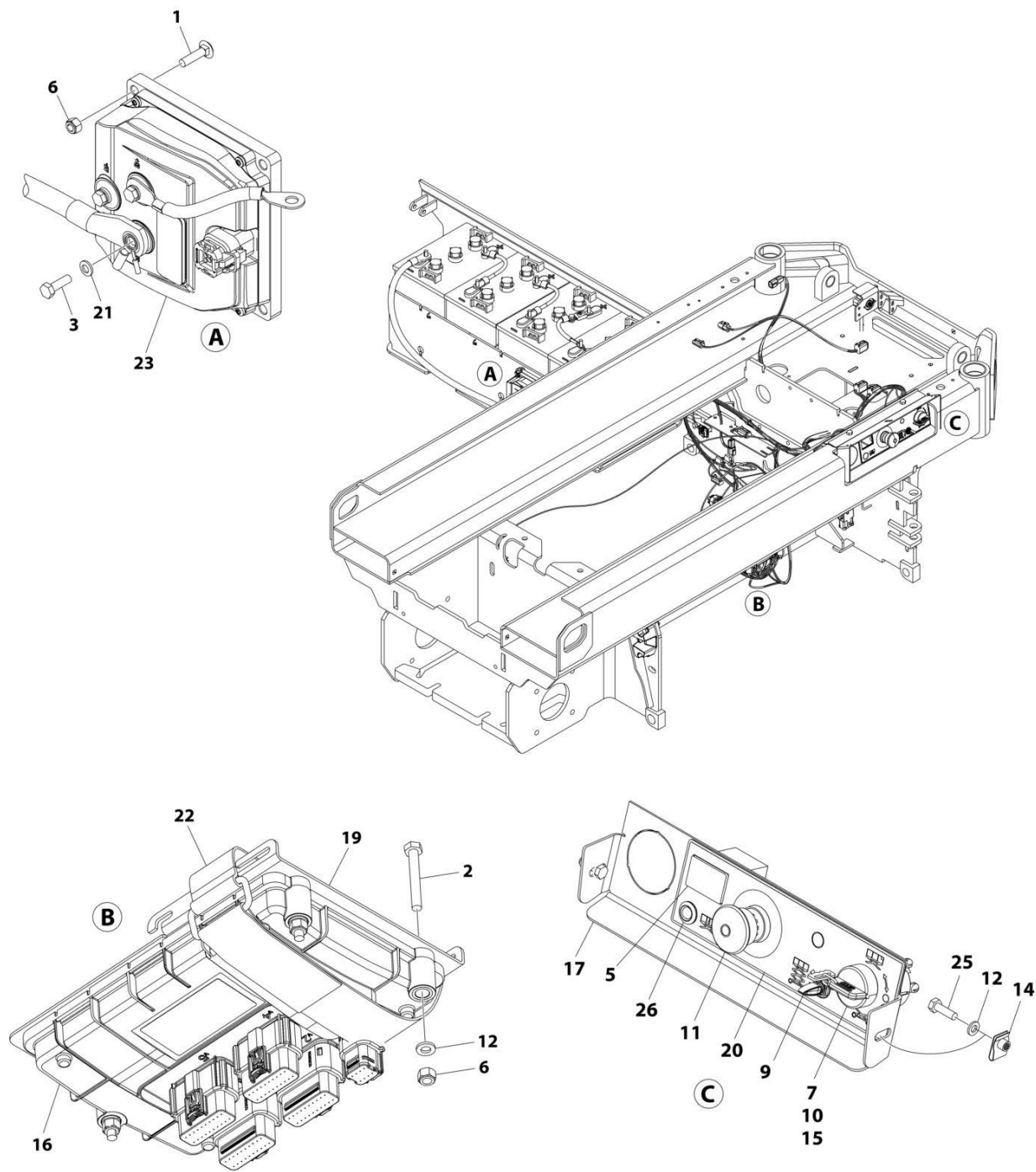
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FIGURE 2-5. ELECTRICAL COMPONENTS INSTALLATION (MACHINES WITH SN STARTING WITH M2)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001254444	Ref	ELECTRICAL COMPONENTS INSTALLATION	C
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	3	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, Key Switch	
19	1001187781	1	Tie-Strap (Not Shown)	
20	1001200629	1	Module, Control (Note: Re-calibration Required when Replaced)	
21	1001200631	1	Lamp	
22	1001207494	1	Bracket	
23	1001209682	1	Decal - Ground Control	
24	1001210966	3	Washer	
25	1001215762	1	Strap, Cinch	
26	1001216062	1	Module, Power (Note: Re-calibration Required when Replaced)	
27	1001235559	1	Support	
28	1001254114	1	Chassis Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
29	0760608	2	Bolt M6 x 16	

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FIGURE 2-6. ELECTRICAL COMPONENTS INSTALLATION (MACHINES WITH SN STARTING WITH 12, B2 & G2)



ART_1001253871

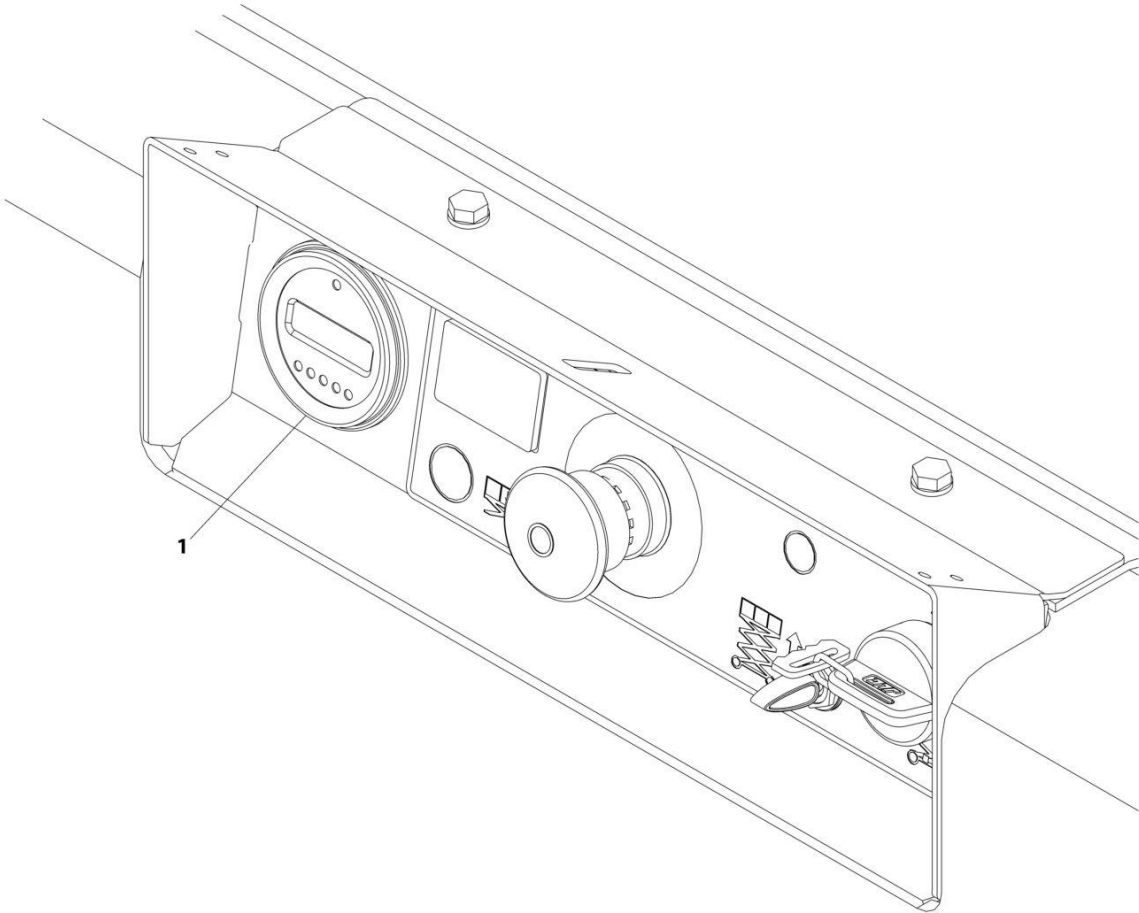
SECTION 2 - GROUND CONTROLS

FIGURE 2-6. ELECTRICAL COMPONENTS INSTALLATION (MACHINES WITH SN STARTING WITH 12, B2 & G2)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001253871	Ref	ELECTRICAL COMPONENTS INSTALLATION	C
1	0630587	4	Bolt M6 x 25	
2	0700617	3	Bolt M6 x 45	
3	0760610	3	Bolt M6 x 20	
5	2420172	1	Hourmeter	
6	3290605	5	Nut M6	
7	3910804	3	Screw #8 x 1/4	
8	4240017	AR	Tie-Strap (Not Shown)	
9	4360328	1	Switch, Toggle	
10	4360469	1	Switch, Key	
10	2860030	1 Set	Key, Replacement	
11	4360475	1	Switch, Emergency Stop (Metal)	
11	7020175	1	Cap	
11	7020176	1	Block, Contact	
11	1001274559	1	Switch, Emergency Stop (Plastic)	
12	4811700	5	Washer M6	
14	1001130220	2	Nut, Tinnerman M6	
15	1001130590	1	Plate, Key Switch	
16	1001200629	1	Module, Control (Note: Re-calibration Required when Replaced)	
17	1001235559	1	Support	
19	1001207494	1	Bracket	
20	1001209682	1	Decal - Ground Control	
21	1001210966	3	Washer	
22	1001215762	1	Strap, Cinch	
23	1001216062	1	Module, Power (Note: Re-calibration Required when Replaced)	
25	0760608	2	Bolt M6 x 16	
26	1001200631	1	Lamp	

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FIGURE 2-7. MDI INSTALLATION



ART_1001207293

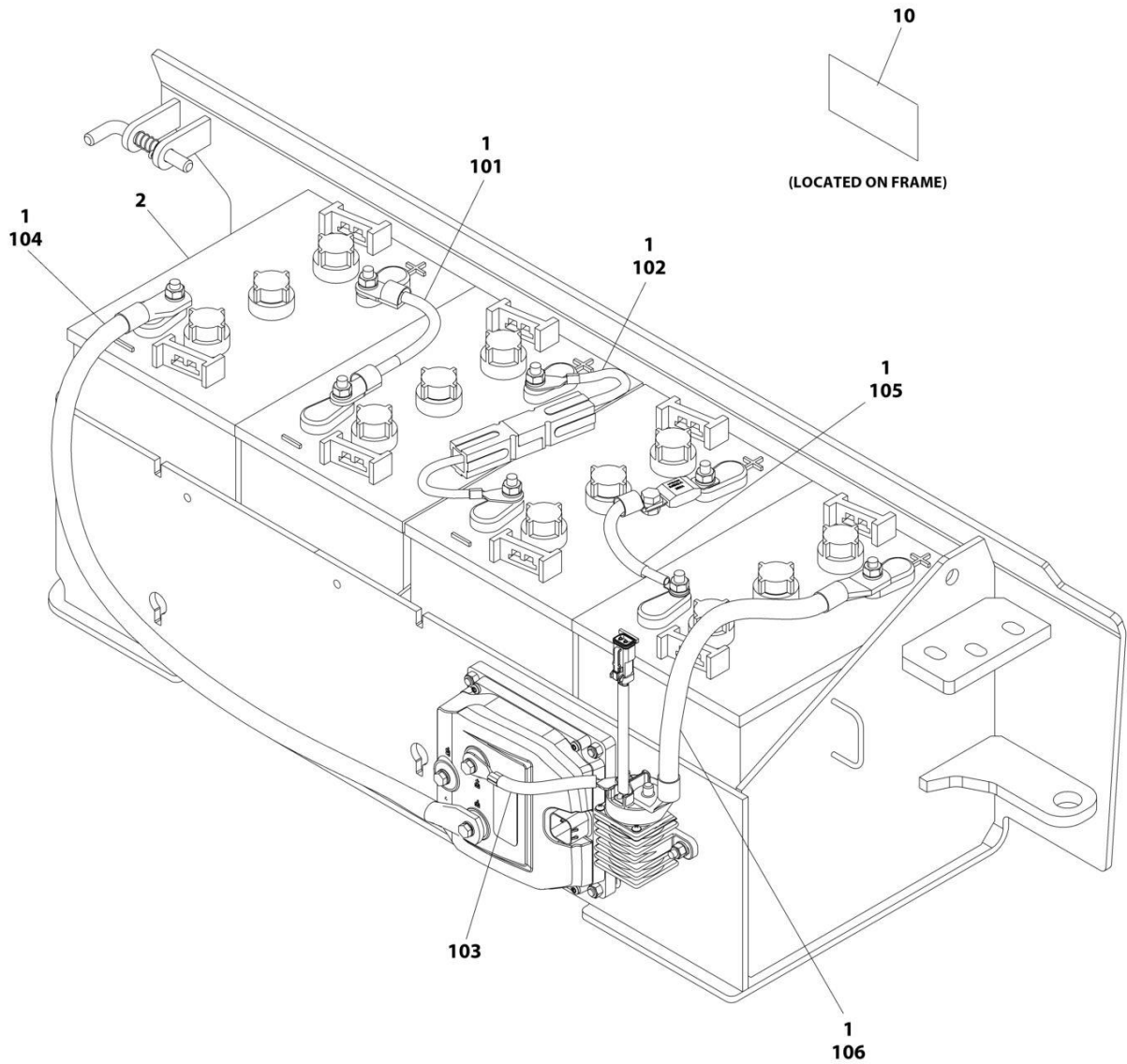
SECTION 2 - GROUND CONTROLS

FIGURE 2-7. MDI INSTALLATION

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

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FIGURE 2-8. BATTERIES INSTALLATION - STANDARD BATTERIES WITH DISCONNECT



ART_1001208057_F

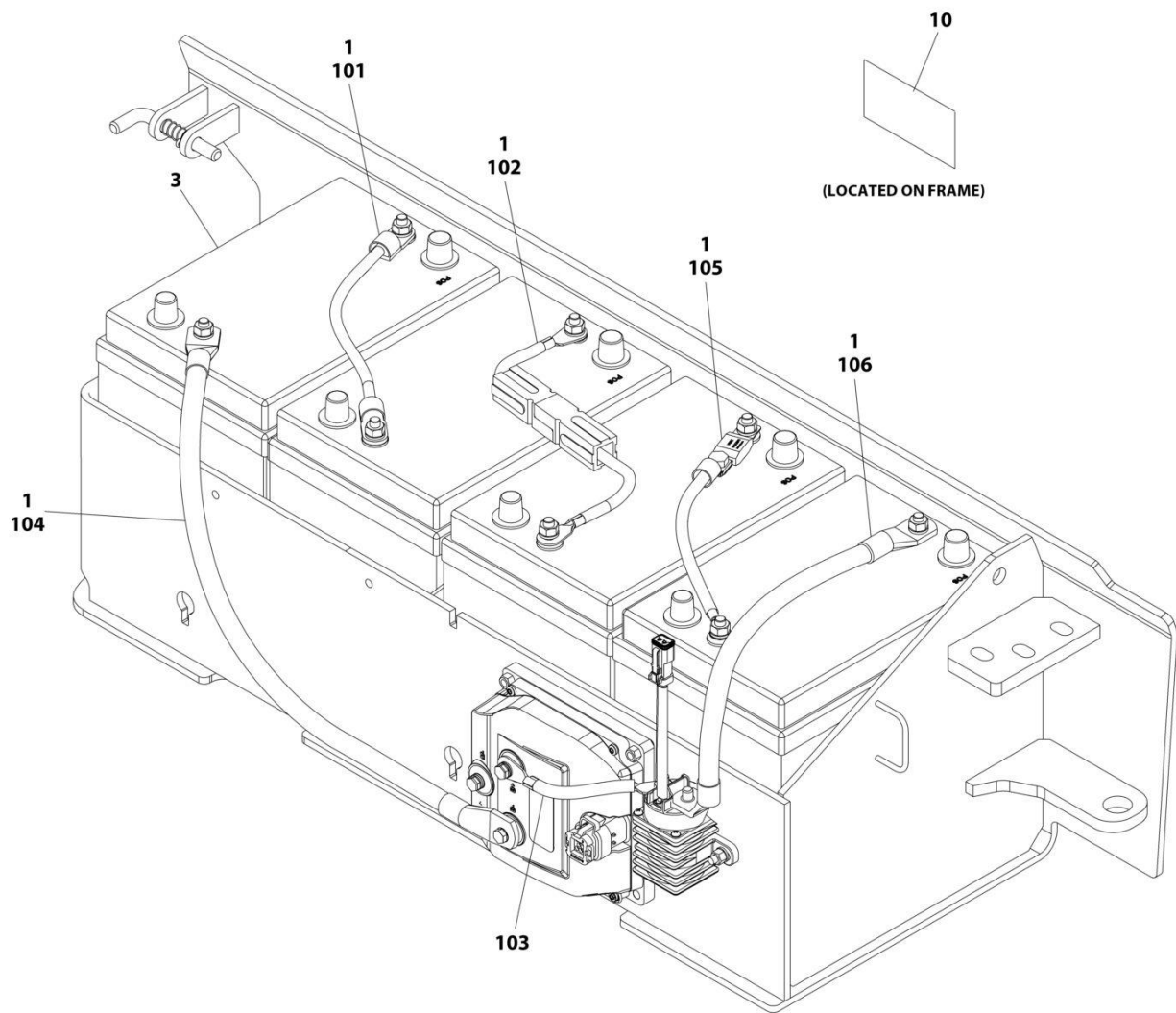
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FIGURE 2-8. BATTERIES INSTALLATION - STANDARD BATTERIES WITH DISCONNECT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001208057	Ref	BATTERIES INSTALLATION - STANDARD BATTERIES WITH DISCONNECT	F
1	0100051	AR	Grease, Terminal	A
2	1001216180	4	Battery	
9	4240017	AR	Tie-Strap (Not Shown)	
10	1702155	1	Decal - Battery Disconnect	
100	1001228123	1	Battery Cable Kit (Not Shown)	
101	1060998	2	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	

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FIGURE 2-9. BATTERIES INSTALLATION - AGM BATTERIES WITH DISCONNECT (MACHINES WITH SN STARTING WITH M2)



ART_1001208058_F

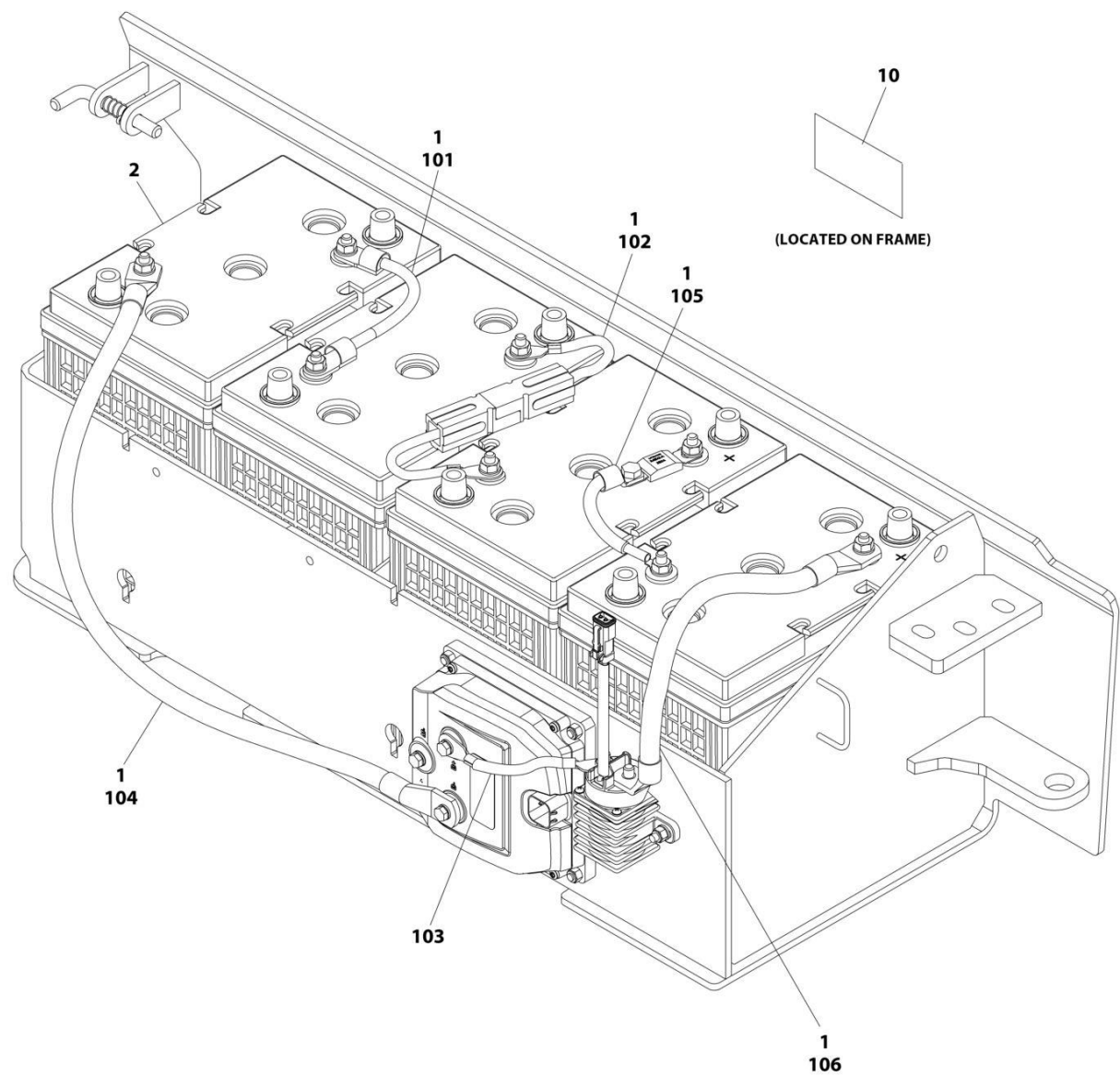
SECTION 2 - GROUND CONTROLS

FIGURE 2-9. BATTERIES INSTALLATION - AGM BATTERIES WITH DISCONNECT (MACHINES WITH SN STARTING WITH M2)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001208058	Ref	BATTERIES INSTALLATION - AGM BATTERIES WITH DISCONNECT (MACHINES WITH SN STARTING WITH M2)	F
1	0100051	AR	Grease, Terminal	A
3	1001112112	4	Battery	
9	4240017	AR	Tie-Strap (Not Shown)	
10	1702155	1	Decal - Battery Disconnect	
100	1001228123	1	Battery Cable Kit (Not Shown)	
101	1060998	2	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	

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FIGURE 2-10. BATTERIES INSTALLATION - AGM EVCG BATTERIES WITH DISCONNECT
(MACHINES WITH SN STARTING WITH 12, B2 & G2)



ART_1001216250_E

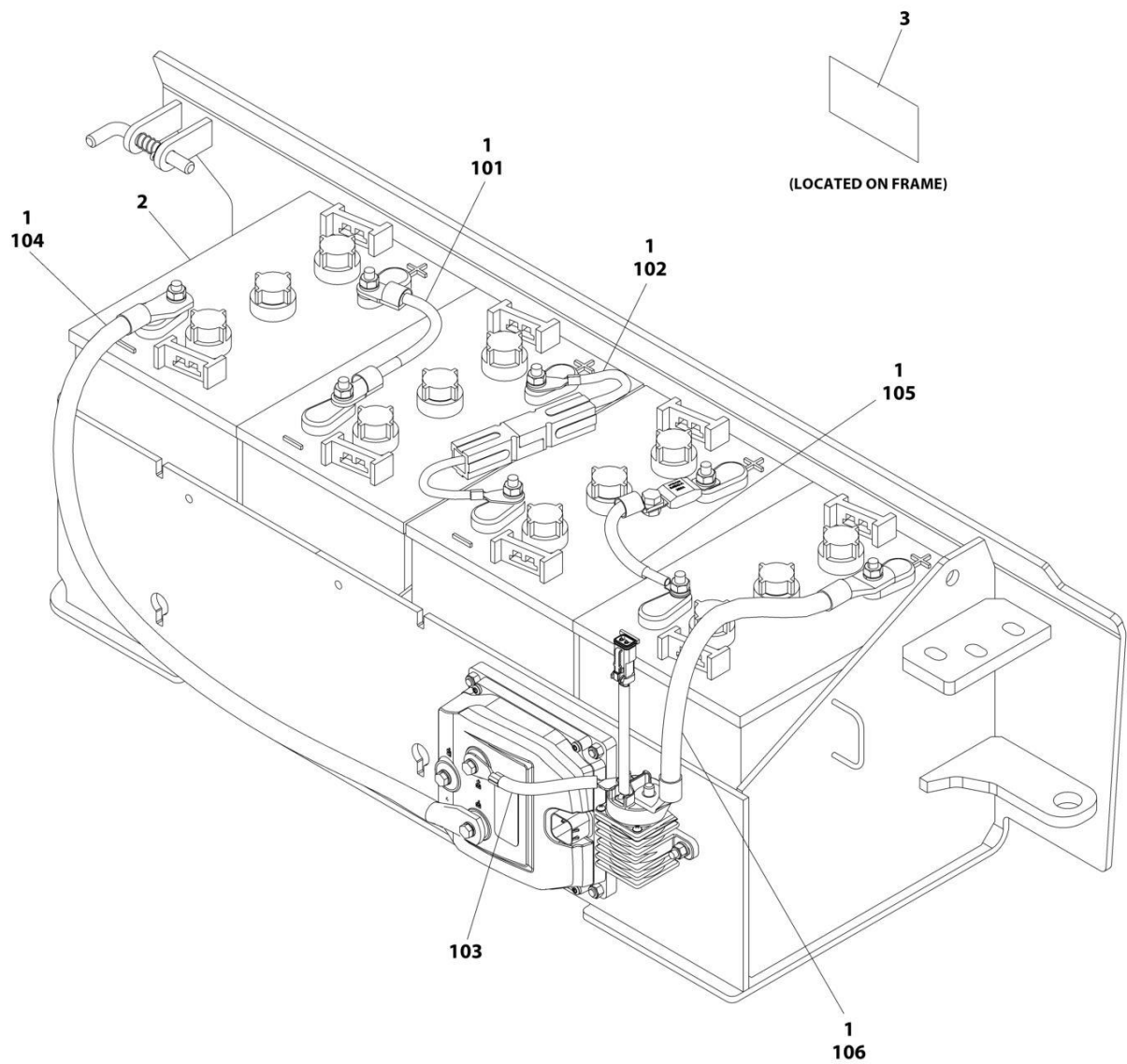
SECTION 2 - GROUND CONTROLS

**FIGURE 2-10. BATTERIES INSTALLATION - AGM EVCG BATTERIES WITH DISCONNECT
(MACHINES WITH SN STARTING WITH 12, B2 & G2)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216250	Ref	BATTERIES INSTALLATION - AGM EVCG BATTERIES WITH DISCONNECT	E
1	0100051	AR	Grease, Terminal	A
2	1001214347	4	Battery	
9	4240017	AR	Tie-Strap (Not Shown)	
10	1702155	1	Decal - Battery Disconnect	
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	

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FIGURE 2-11. BATTERIES INSTALLATION - TROJAN BATTERIES WITH DISCONNECT (MACHINES WITH SN STARTING WITH 12, B2 & G2)



ART_1001247926_B

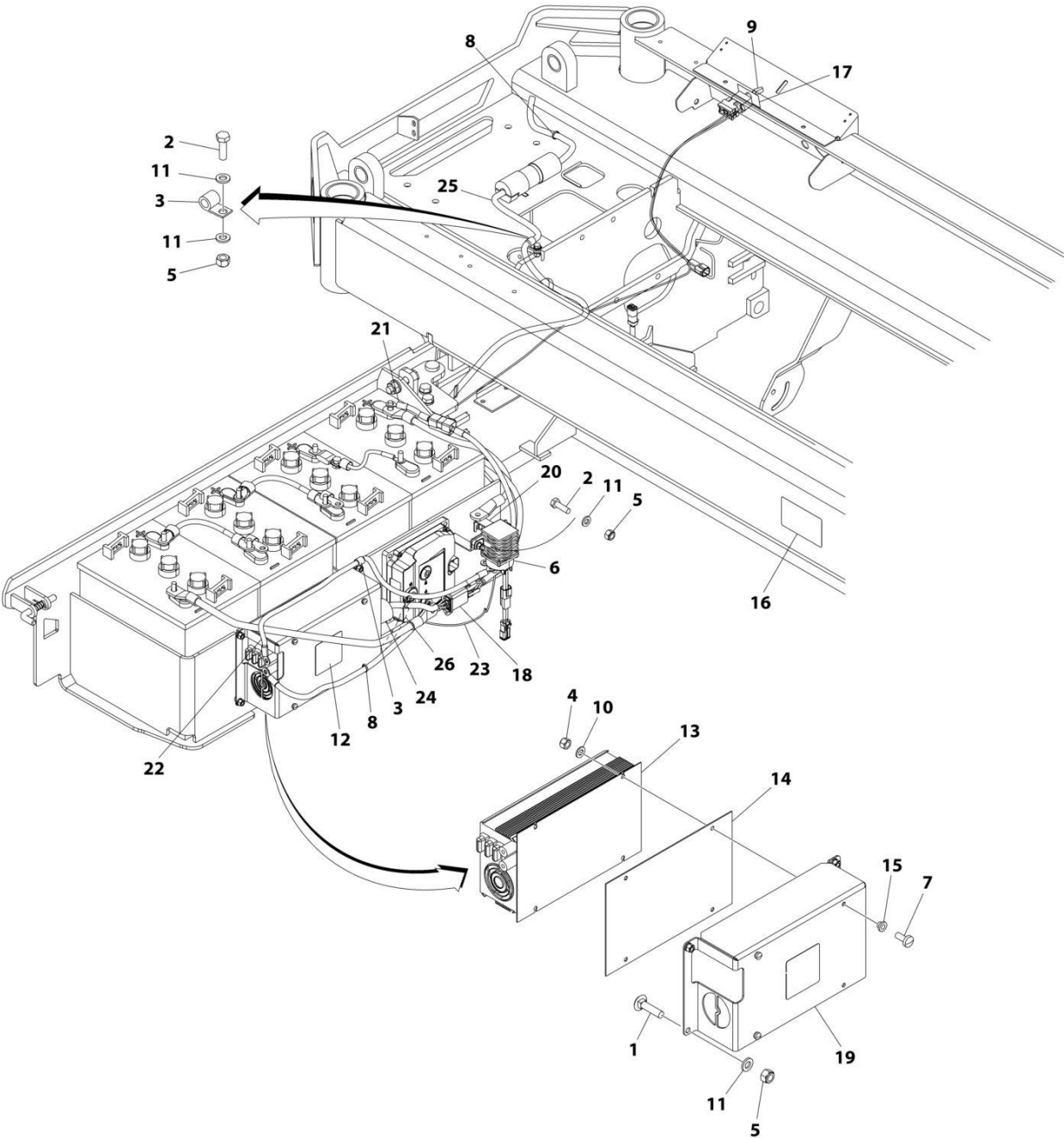
SECTION 2 - GROUND CONTROLS

FIGURE 2-11. BATTERIES INSTALLATION - TROJAN BATTERIES WITH DISCONNECT (MACHINES WITH SN STARTING WITH 12, B2 & G2)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001247926	Ref	BATTERIES INSTALLATION - TROJAN BATTERIES WITH DISCONNECT	B
1	0100051	AR	Grease, Terminal	A
2	1001258498	4	Battery	
3	1702155	1	Decal - Battery Disconnect	
4	4240017	AR	Tie-Strap (Not Shown)	
100	1001228123	1	Battery Cable Kit (Not Shown)	
101	1060998	2	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	

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FIGURE 2-12. INVERTER INSTALLATION (OPTIONAL) (MACHINES WITH SN STARTING WITH M2)



ART_1001209920

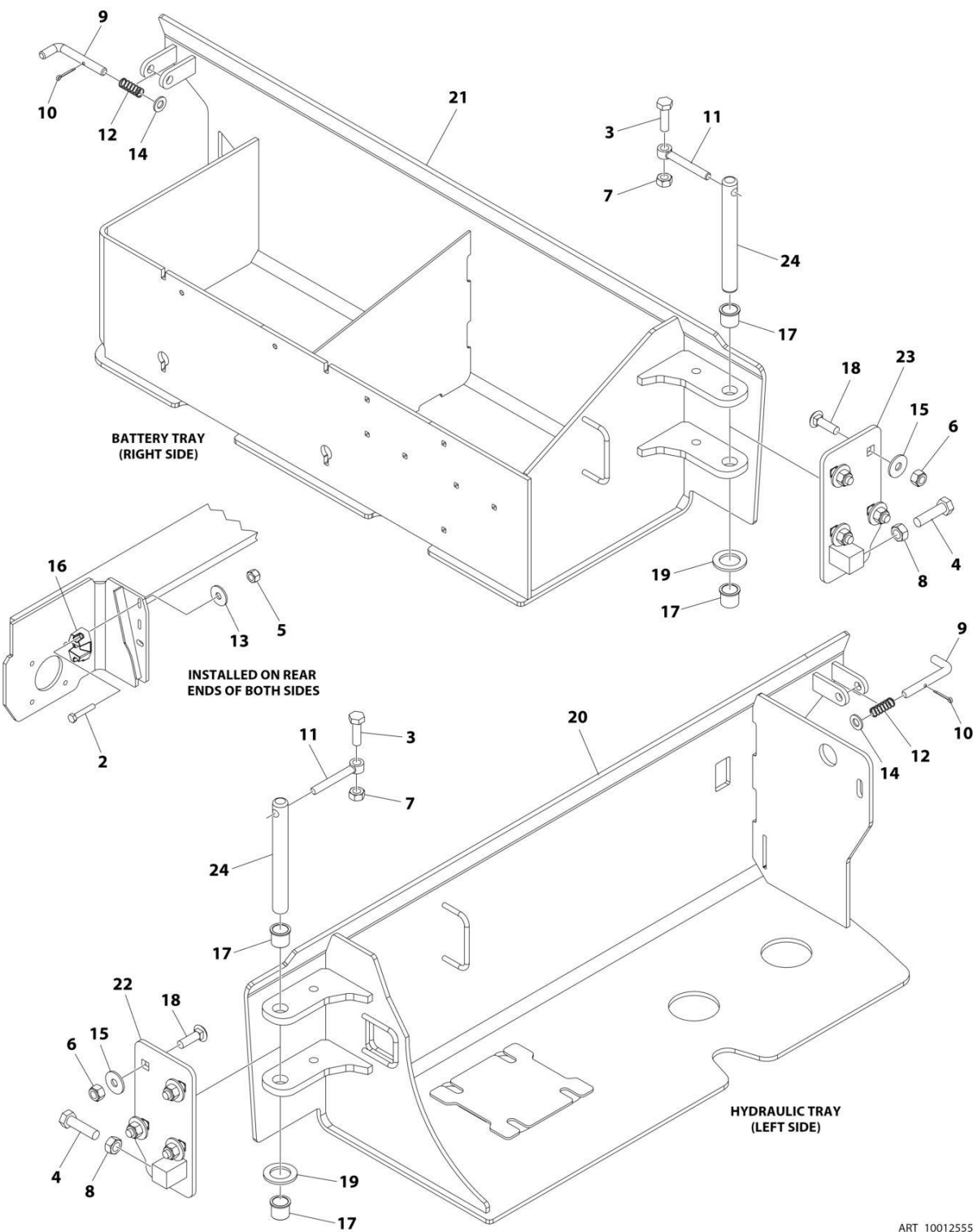
SECTION 2 - GROUND CONTROLS

FIGURE 2-12. INVERTER INSTALLATION (OPTIONAL) (MACHINES WITH SN STARTING WITH M2)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209920	Ref	INVERTER INSTALLATION (OPTIONAL)	B
1	0630587	4	Bolt M6 x 25	
2	0760610	3	Bolt M6 x 20	
3	1321293	2	Clamp	
4	3290405	3	Nut M4	
5	3290605	7	Nut M6	
6	3740150	1	Relay	
7	1001101540	3	Screw M4 x 14	
8	4240017	AR	Tie-Strap	
9	4360336	1	Switch, Toggle	
10	4811400	3	Washer M4	
11	4811700	8	Washer M6	
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	1001210880	1	Inverter Harness	
23	4460897	2	Receptacle, Female - 2 Position	
23	4460464	4	Pin, Male	
23	4460418	1	Plug, Male - 6 Position	
23	4460419	2	Terminal	
24	1001210881	1	Cable, Inverter to AC Filter	
25	1001210882	1	Cable, AC Filter to AC Plug	
26	1001210967	1	Cable, Pump Control B- to Inverter	

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FIGURE 2-13. DOORS INSTALLATION



ART_1001255555

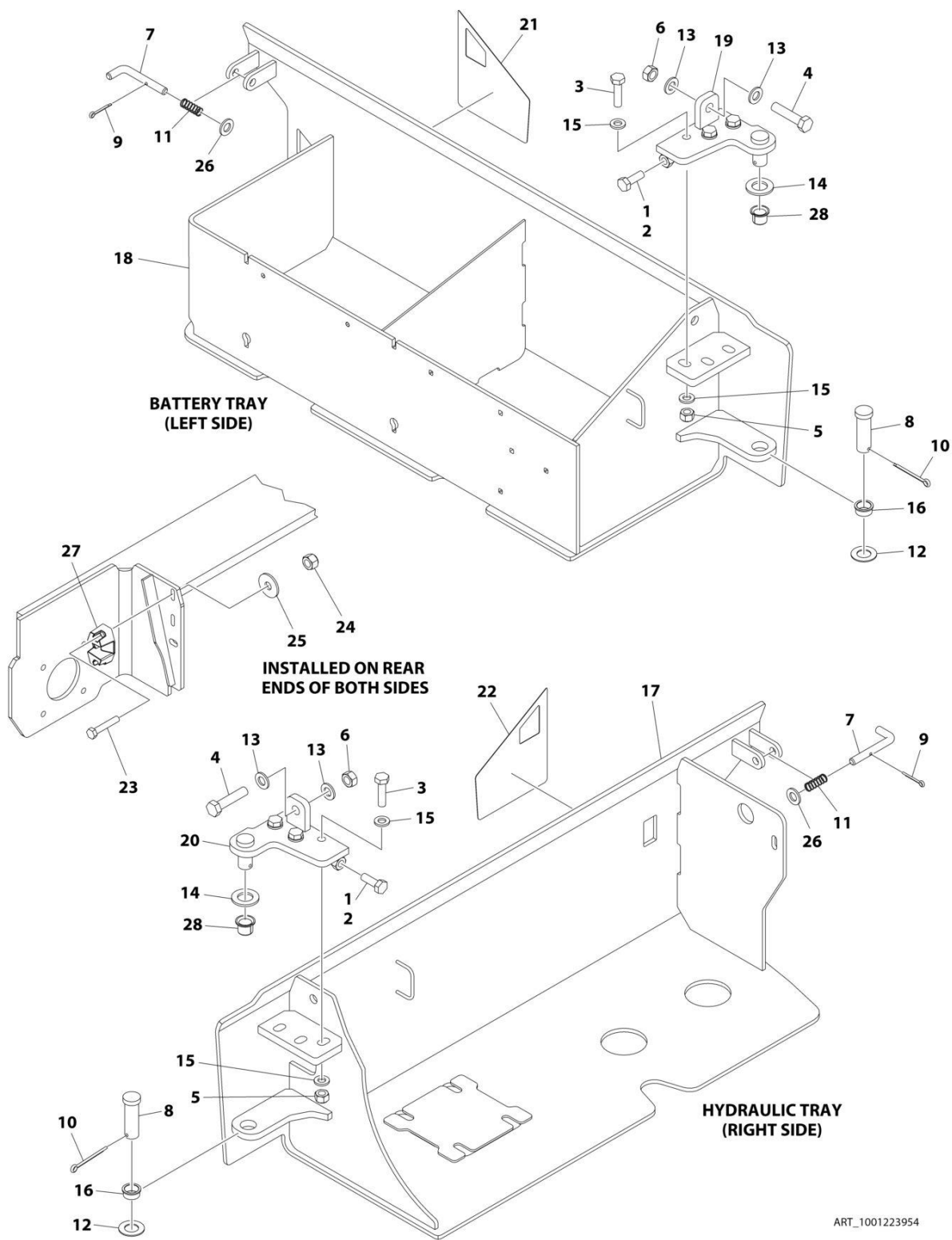
SECTION 2 - GROUND CONTROLS

FIGURE 2-13. DOORS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001255555	Ref	DOORS INSTALLATION	C
2	0700817	4	Bolt M8 x 45	
3	0701015	2	Bolt M10 x 35	
4	0761217	2	Bolt M12 x 45	
5	3290805	4	Nut M8	
6	3291005	8	Nut M10	
7	3291007	2	Nut M10	
8	3291201	2	Nut M12	
9	3423243	2	Pin	
10	3450303	2	Pin, Cotter 3/32 x 3/4	
11	3841143	2	Keeper, Pin	
12	4160214	2	Spring	
13	4811902	4	Washer M8	
14	4812000	AR	Washer M10	
15	4812002	8	Washer M10	
16	1001214810	2	Support, Door Latch	
17	1001218573	4	Bearing	
18	1001228406	8	Bolt M10 x 35	
19	1001229792	2	Washer	
20	1001251232	1	Tray, Hydraulic	
21	1001251233	1	Tray, Battery	
22	1001251234	1	Hinge (Right)	
23	1001251235	1	Hinge (Left)	
24	1001251242	2	Pin	

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FIGURE 2-14. DOORS INSTALLATION (1532R)



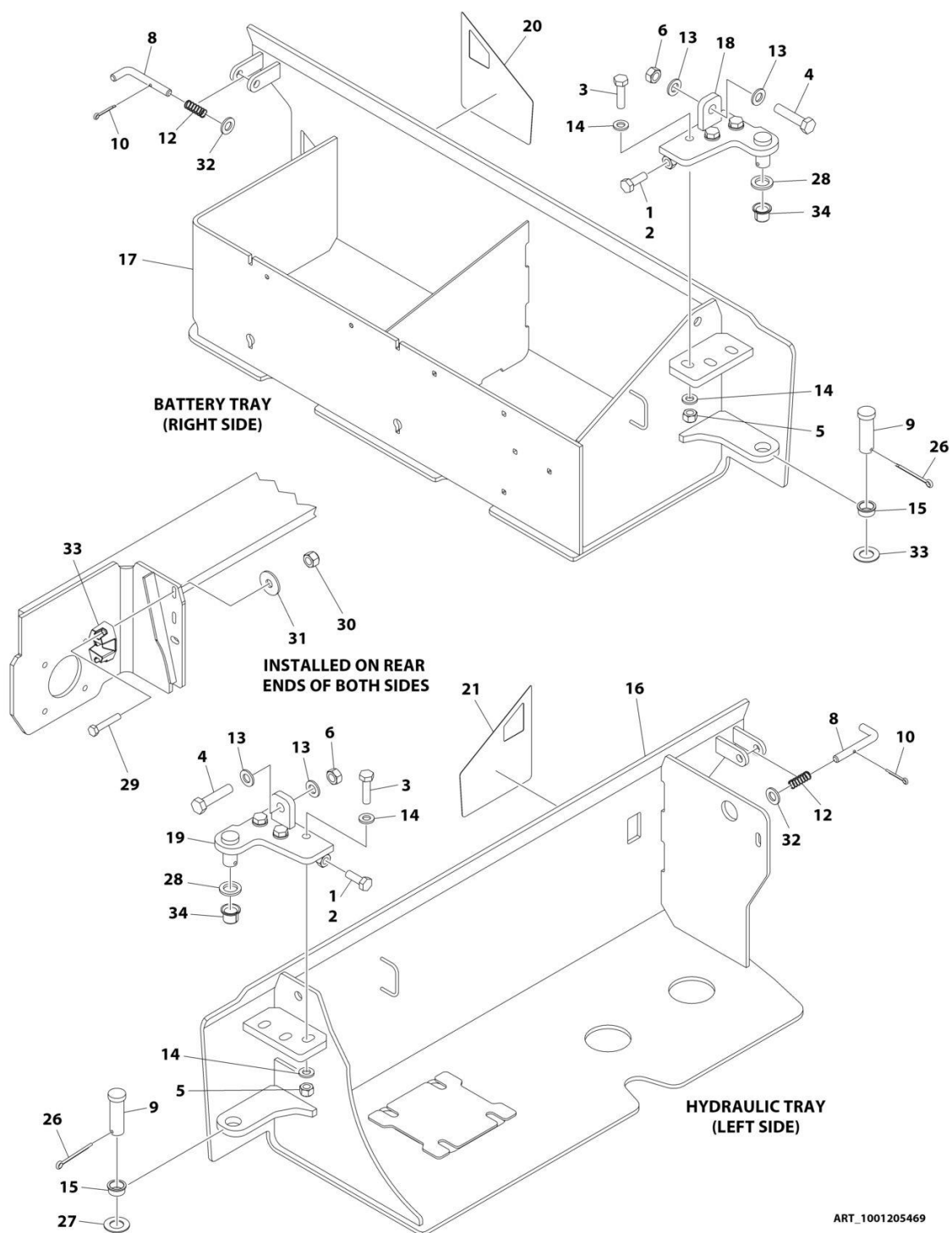
SECTION 2 - GROUND CONTROLS

FIGURE 2-14. DOORS INSTALLATION (1532R)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223954	Ref	DOORS INSTALLATION (1532R)	B
1	0100011	AR	Compound, Locking	
2	0761014	2	Bolt M10 x 30	
3	0761016	6	Bolt M10 x 40	
4	0761219	2	Bolt M12 x 55	
5	3291005	6	Nut M10	
6	3291201	2	Nut M12	
7	3423243	2	Pin	
8	3431218	2	Pin	
9	3450303	2	Pin, Cotter 3/32 x 3/4	
10	3450508	2	Pin, Cotter 5/32 x 2	
11	4160214	2	Spring	
12	4740086	2	Washer (Prior to SN M200014396, Prior to SN B200045480)	
12	1001229792	AR	Washer (SN M200014396 to Present, SN B200045480 to Present)	
13	4812100	4	Washer M12	
14	4812500	AR	Washer M20	
15	5241000	12	Washer M10	
16	1001203870	2	Bearing	
17	1001205447	1	Tray, Hydraulic (Right Side)	
18	1001205449	1	Tray, Battery (Left Side)	
19	1001208761	1	Bracket	
20	1001208762	1	Bracket	
21	1001223960	1	Decal - Door (Right Side)	
22	1001223961	1	Decal - Door (Left Side)	
23	0700817	4	Bolt M8 x 45 (SN M200014396 to Present, SN B200045480 to Present)	
24	3290805	4	Nut M8 (SN M200014396 to Present, SN B200045480 to Present)	
25	4811902	4	Washer M8 (SN M200014396 to Present, SN B200045480 to Present)	
26	4812000	AR	Washer M10 (SN M200014396 to Present, SN B200045480 to Present)	
27	1001214810	2	Support, Door Latch (SN M200014396 to Present, SN B200045480 to Present)	
28	0440263	2	Bearing, Flange (.750 Dia. Pin) (SN M200014396 to Present, SN B200045480 to Present)	

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FIGURE 2-15. DOORS INSTALLATION (1932R)



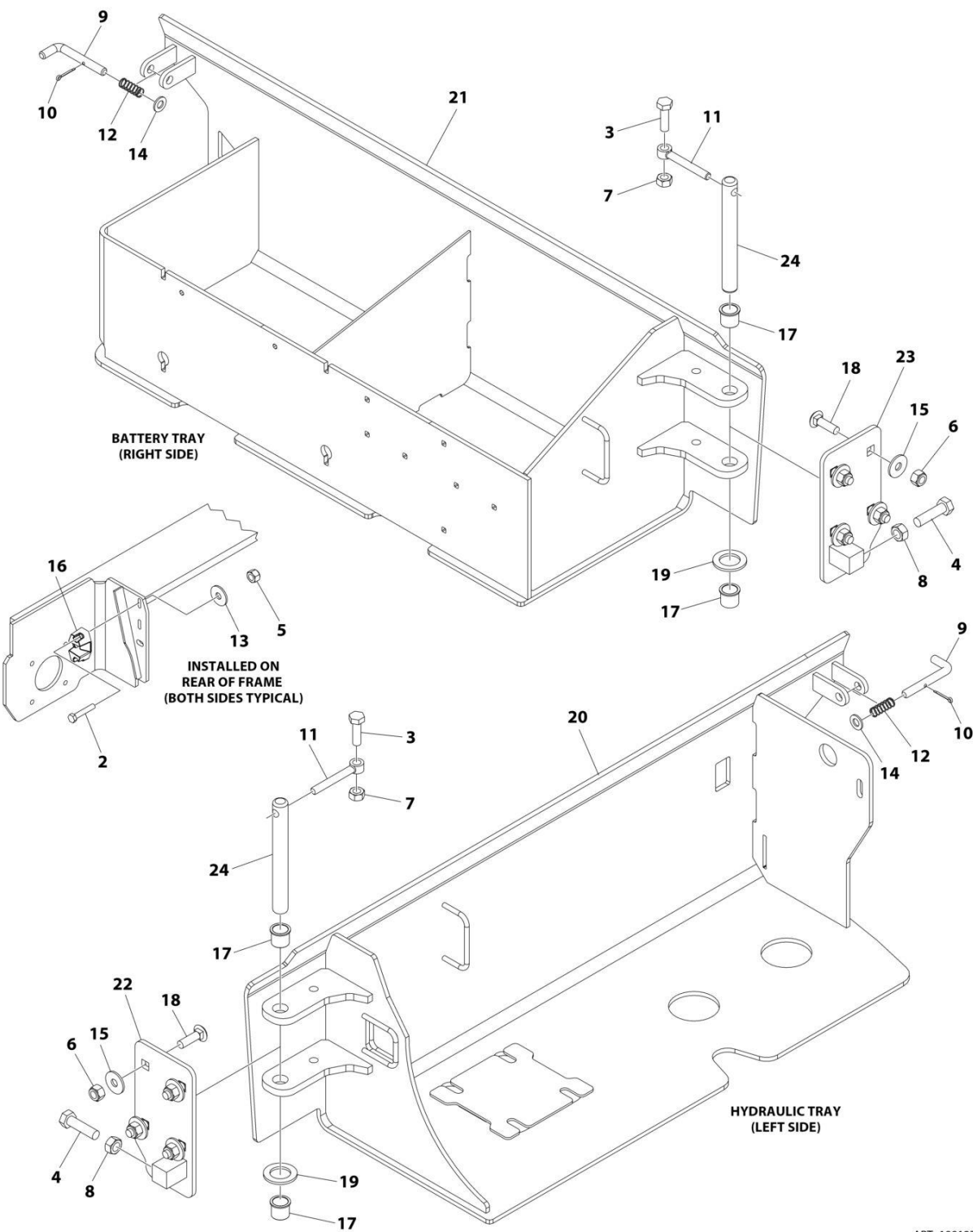
SECTION 2 - GROUND CONTROLS

FIGURE 2-15. DOORS INSTALLATION (1932R)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205469	Ref	DOORS INSTALLATION (1932R)	F
1	0100011	AR	Compound, Locking	
2	0761014	2	Bolt M10 x 30	
3	0761016	6	Bolt M10 x 40	
4	0761219	2	Bolt M12 x 55	
5	3291005	6	Nut M10	
6	3291201	2	Nut M12	
8	3423243	2	Pin	
9	3431218	2	Pin	
10	3450303	2	Pin, Cotter 3/32 x 3/4	
12	4160214	2	Spring	
13	4812100	4	Washer M12	
14	5241000	12	Washer M10	
15	1001203870	2	Bearing	
16	1001205447	1	Tray, Hydraulic (Right Side)	
17	1001205449	1	Tray, Battery (Left Side)	
18	1001208761	1	Bracket	
19	1001208762	1	Bracket	
20	1001210588	1	Decal - Door (Right Side)	
21	1001210594	1	Decal - Door (Left Side)	
26	3450508	2	Pin, Cotter 5/32 x 2	
27	4740086	2	Washer (Prior to SN M200014396, Prior to SN B200045480)	
27	1001229792	2	Washer, Thrust (SN M200014396 to Present, SN B200045480 to Present)	
28	4812500	AR	Washer M20 (SN M200004903 through M200014396)	
29	0700817	4	Bolt M8 x 45 (SN M200014396 to Present, SN B200045480 to Present)	
30	3290805	4	Nut M8 (SN M200014396 to Present, SN B200045480 to Present)	
31	4811902	4	Washer M8 (SN M200014396 through B200045480)	
32	4812000	AR	Washer M10 (SN M200014396 to Present, SN B200045480 to Present)	
33	1001214810	2	Support, Door Latch (SN M200014396 to Present, SN B200045480 to Present)	
34	0440263	2	Bearing, Flange (.750 Dia. Pin) (SN M200014396 to Present, SN B200045480 to Present)	

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FIGURE 2-16. DOORS INSTALLATION (MACHINES WITH SN STARTING WITH G2)



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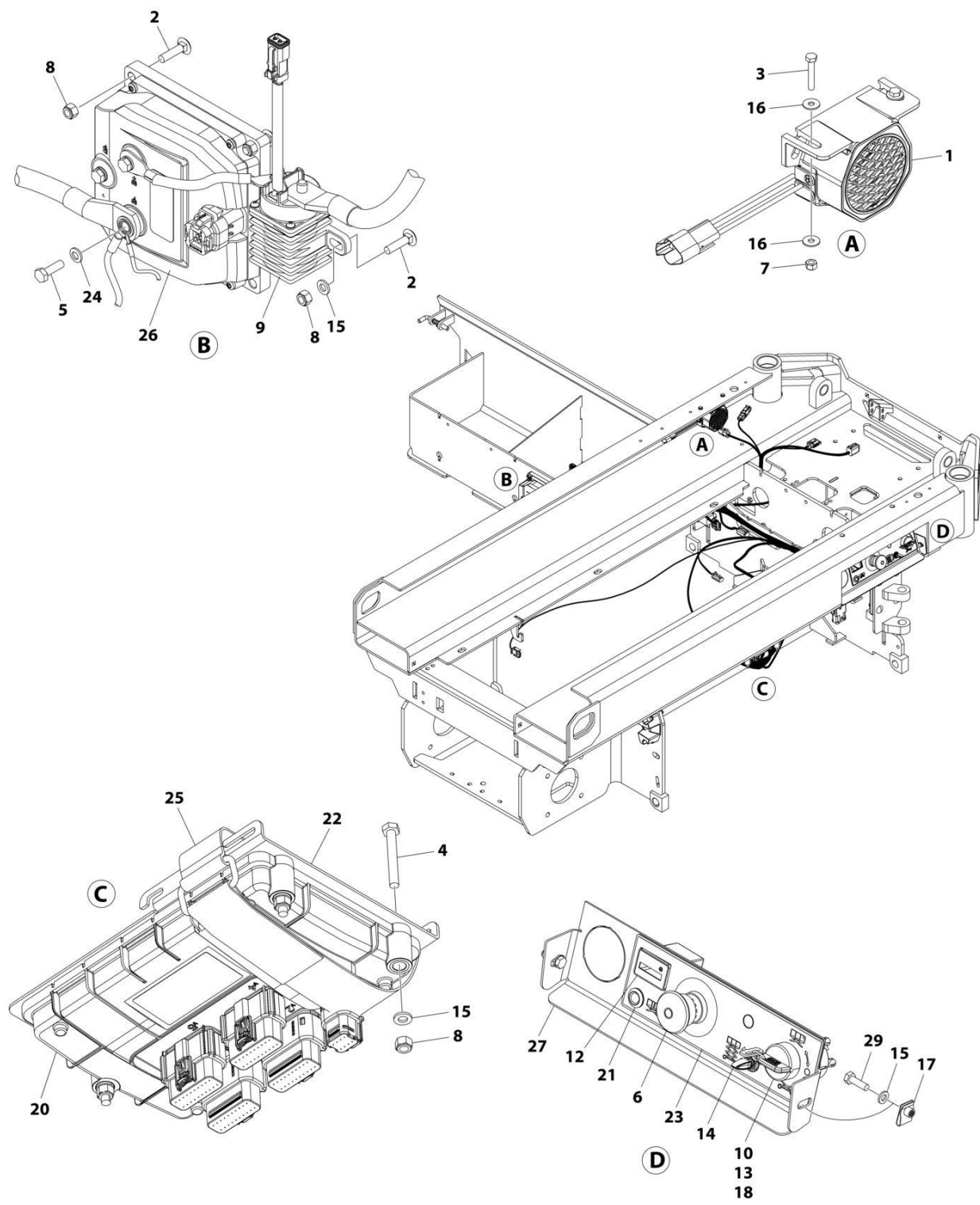
SECTION 2 - GROUND CONTROLS

FIGURE 2-16. DOORS INSTALLATION (MACHINES WITH SN STARTING WITH G2)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276704	Ref	DOORS INSTALLATION	A
2	0700817	4	Bolt M8 x 45	
3	0701015	2	Bolt M10 x 35	
4	0761217	2	Bolt M12 x 45	
5	3290805	4	Nut M8	
6	3291005	8	Nut M10	
7	3291007	2	Nut M10	
8	3291201	2	Nut M12	
9	3423243	2	Pin	
10	3450303	2	Pin, Cotter	
11	3841143	2	Keeper, Pin	
12	4160214	2	Spring	
13	4811902	4	Washer M8	
14	4812000	AR	Washer M10	
15	4812002	8	Washer M10	
16	1001214810	2	Support, Door Latch	
17	1001276715	4	Bearing	
18	1001228406	8	Bolt M10 x 35	
19	1001276716	2	Washer	
20	1001251232	1	Tray, Hydraulic	
21	1001251233	1	Tray, Battery	
22	1001251234	1	Hinge (Right)	
23	1001251235	1	Hinge (Left)	
24	1001276717	2	Pin	

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FIGURE 2-17. GROUND CONTROL INSTALLATION (MACHINES WITH SN STARTING WITH G2)



ART_1001276600

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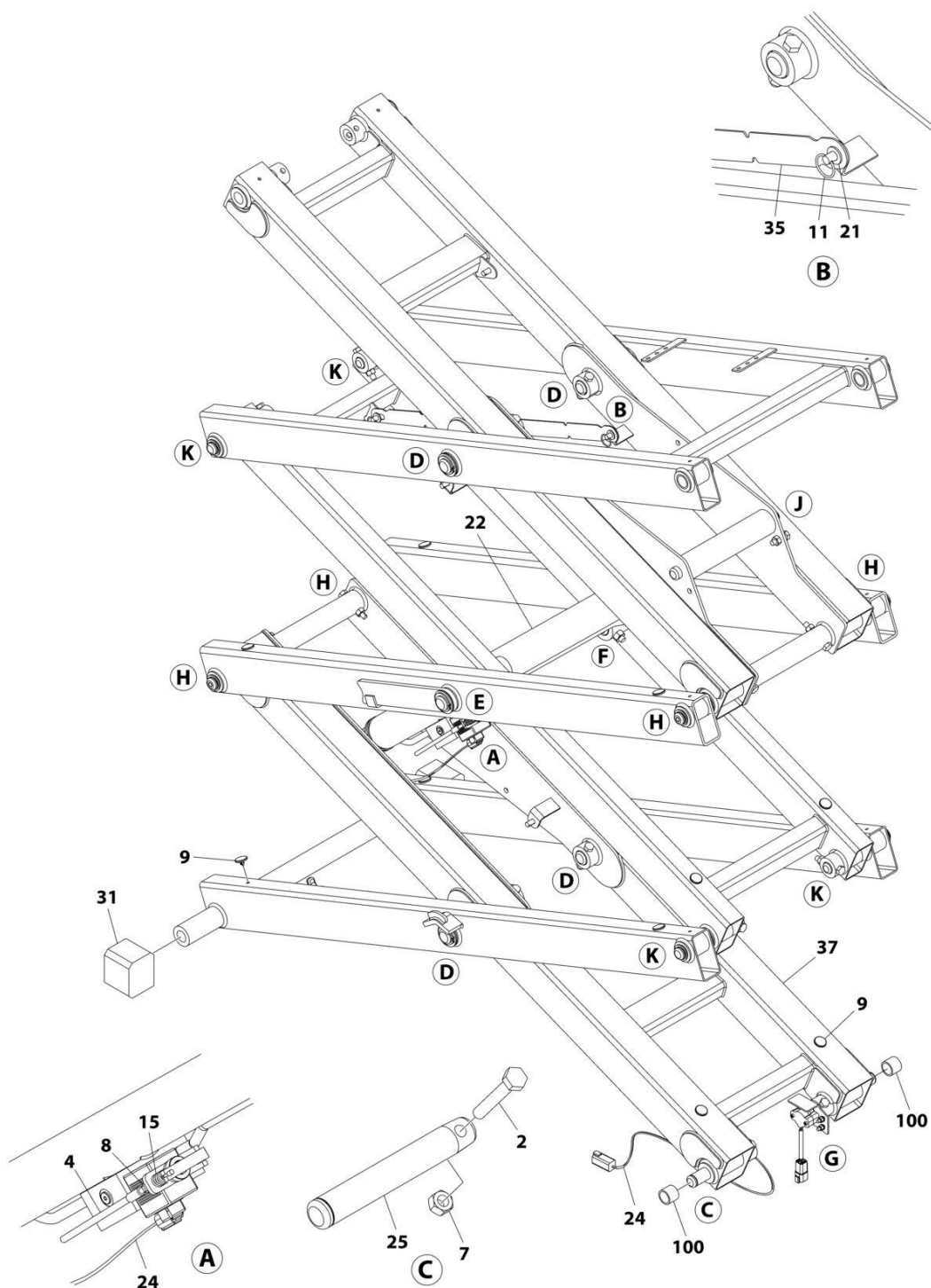
FIGURE 2-17. GROUND CONTROL INSTALLATION (MACHINES WITH SN STARTING WITH G2)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276600	Ref	GROUND CONTROL INSTALLATION	C
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	3	Bolt M6 x 20	
6	1001274559	1	Switch, Emergency Stop	
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	1001276659	1	Gauge, Hourmeter	
13	4360469	1	Switch, Key	
14	1001276738	1	Switch	
15	4811700	7	Washer M6	
16	1001091102	4	Washer M4	
17	1001130220	2	Nut, Tinnerman M6	
18	1001130590	1	Plate, Key Switch	
19	1001187781	1	Tie-Strap (Not Shown)	
20	1001200629	1	Module, Control (Note: Re-calibration Required when Replaced)	
21	1001276740	1	Lamp	
22	1001207494	1	Bracket	
23	1001209682	1	Decal - Ground Control	
24	1001210966	3	Washer	
25	1001276979	1	Strap	
26	1001216062	1	Module, Power (Note: Re-calibration Required when Replaced)	
27	1001235559	1	Support	
28	1001283408	1	Chassis Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
29	0760608	2	Bolt M6 x 16	

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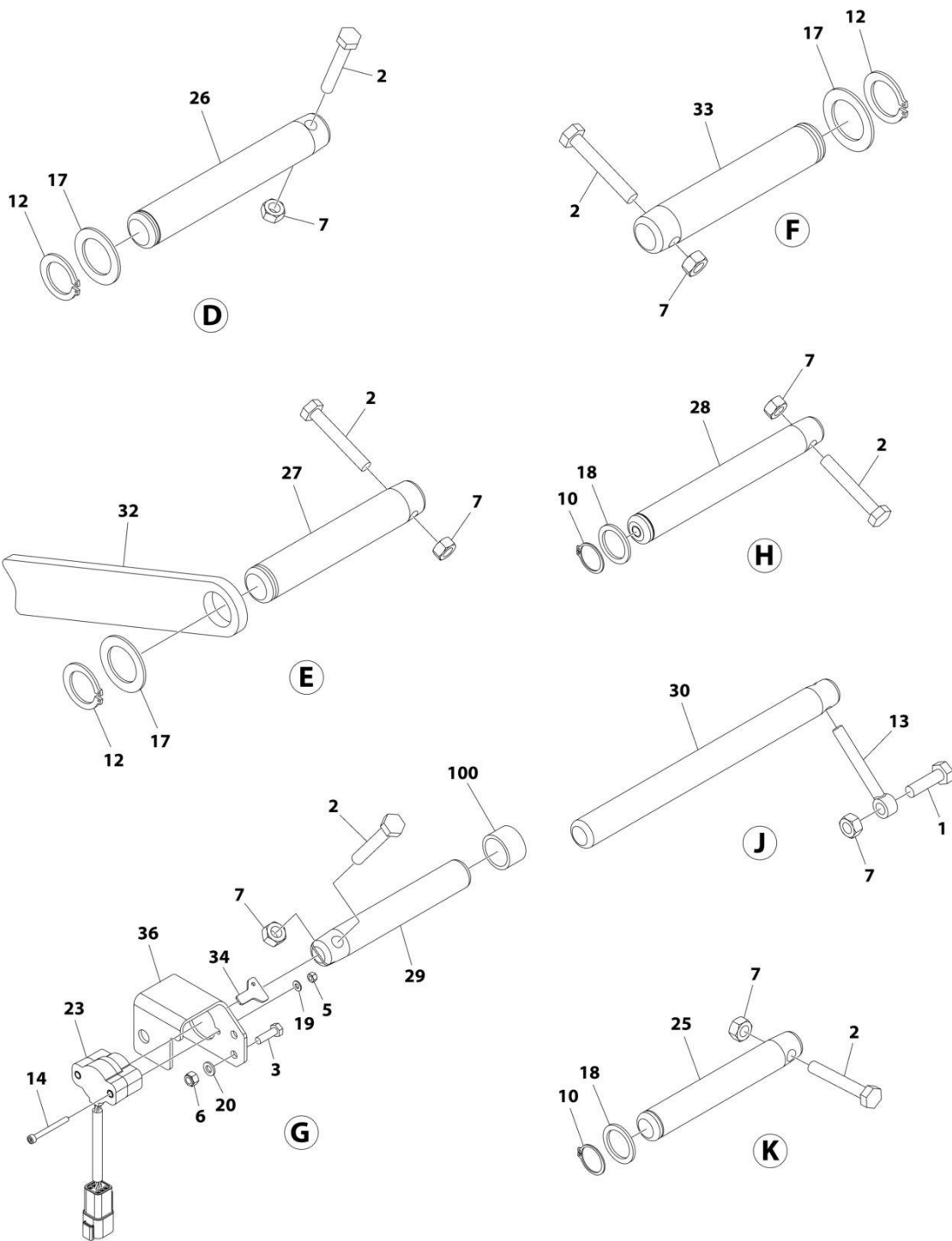
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FIGURE 3-1. SCISSORS ARMS INSTALLATION - R1532I WITHOUT LSS



ART_1001223965_1OF2

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ART_1001223965_2OF2

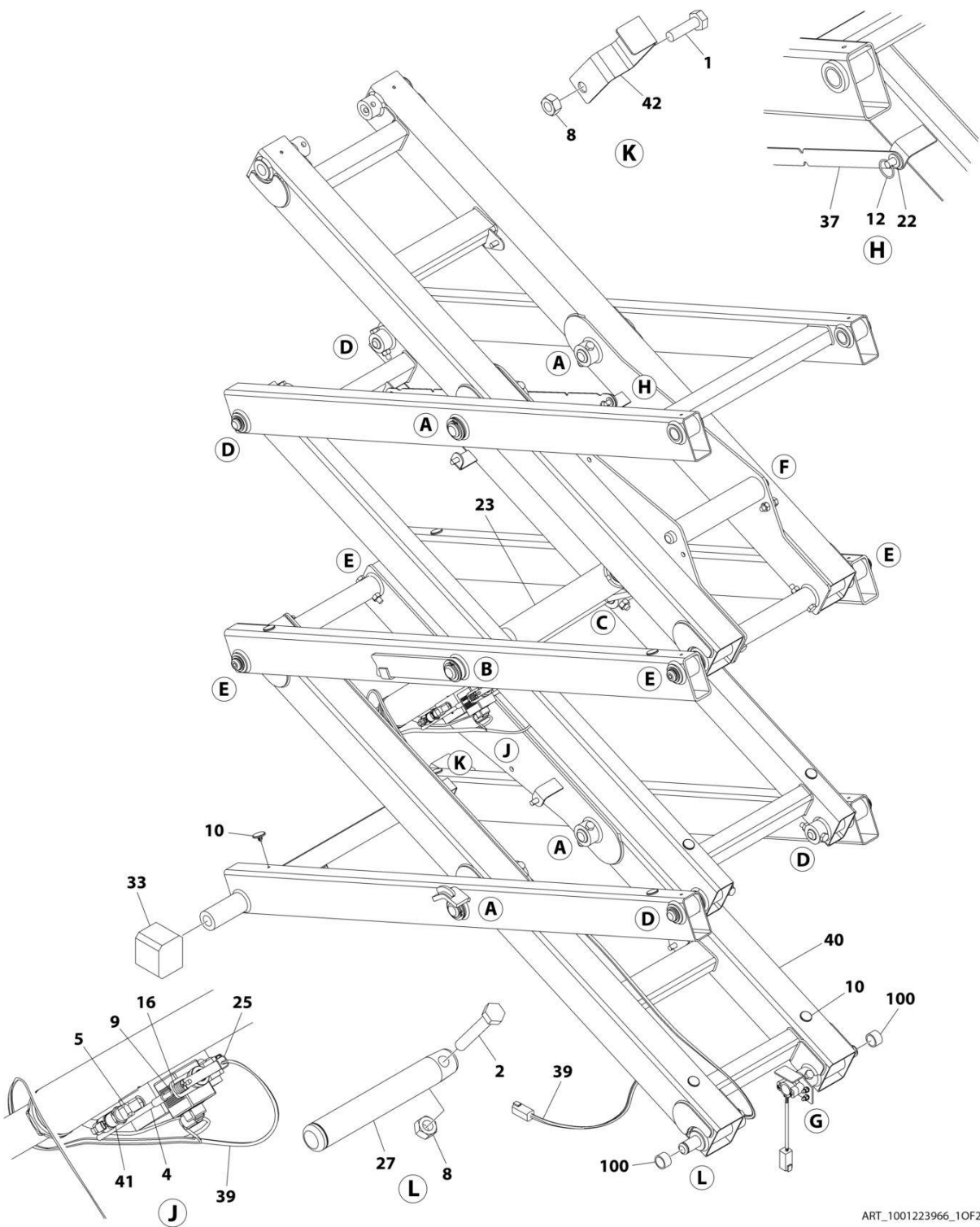
SECTION 3 - SCISSORS ARMS

FIGURE 3-1. SCISSORS ARMS INSTALLATION - R1532I WITHOUT LSS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223965	Ref	SCISSORS ARMS INSTALLATION - 1532R WITHOUT LSS	B
1	0701015	2	Bolt M10 x 35	
2	0701021	16	Bolt M10 x 65	
3	0760610	2	Bolt M6 x 20	
3	0700620	2	Bolt M6 x 60	
4	1061034	1	Cable, Manual Descent	
4	7020218	1	T-Handle (1/4 Threads)	
4	70001878	1	T-Handle (M5 Threads)	
5	3290405	2	Nut M4	
6	3290605	2	Nut M6	
7	3291007	18	Nut M10	
8	3321402	1	Nut 1/4	
9	3340962	16	Pad	
10	3760115	8	Ring, Retaining	
11	3760170	2	Ring, Split	
12	3760387	6	Ring, Retaining	
13	3841143	2	Keeper, Pin	
14	4031512	2	Capscrew M4 x 40	
15	4160078	1	Spring	
16	4240017	5	Tie-Strap (Not Shown)	
17	4740438	6	Washer	
18	4740531	8	Washer	
19	4811400	2	Washer M4	
20	4811700	2	Washer M6	
21	4812000	2	Washer M10	
22	1001198935	1	Lift Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
23	1001200746	1	Sensor, Angle	
23	4460899	1	Receptacle, Female - 6 Position	
23	4460464	1	Pin, Male	
24	1001200821	1	Lift Down Harness (See Separate Breakdown in ELECTRICAL SECTION)	
25	1001203443	5	Pin	
26	1001203444	4	Pin	
27	1001203445	1	Pin	
28	1001203446	4	Pin	
29	1001203447	1	Pin	
30	1001203448	2	Pin	
31	1001204311	2	Block, Slide	
32	1001204312	1	Plate, Prop	
33	1001204994	1	Pin	
34	1001205345	1	Key, Angle Sensor	
35	1001206487	1	Support	
36	1001212040	1	Mount, Sensor (Prior to SN B300046614)	
36	1001231268	1	Mount, Sensor (SN B200046614 to Present)	
37	1001223964	1	Scissors Arms Kit - 1532R (See Separate Breakdown in this Section)	
100	1001134289	2	Bearing (Part of Frame)	

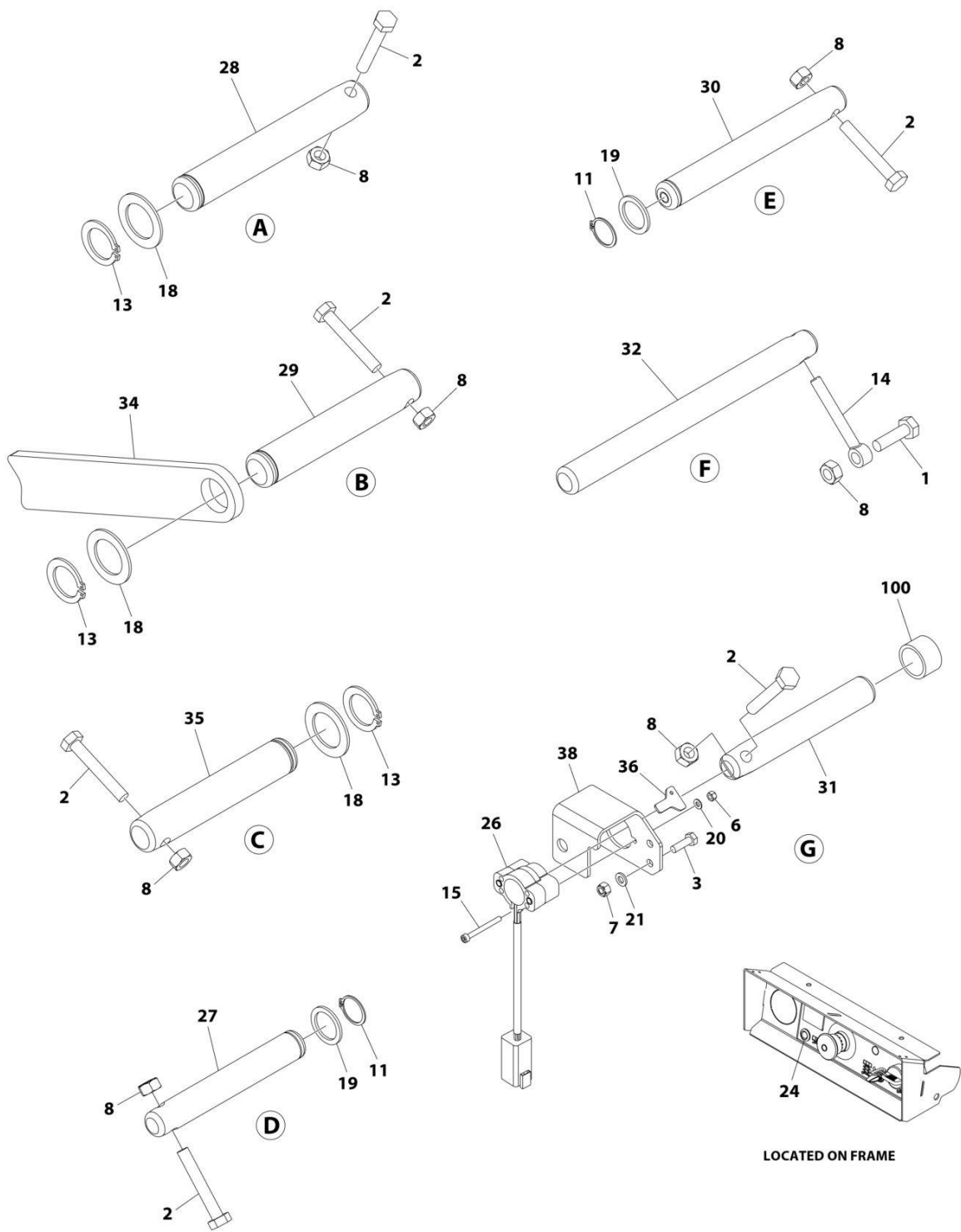
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FIGURE 3-2. SCISSORS ARMS INSTALLATION - R1532i WITH LSS



ART_1001223966_10F2

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ART_1001223966_2OF2

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FIGURE 3-2. SCISSORS ARMS INSTALLATION - 1532RI WITH LSS

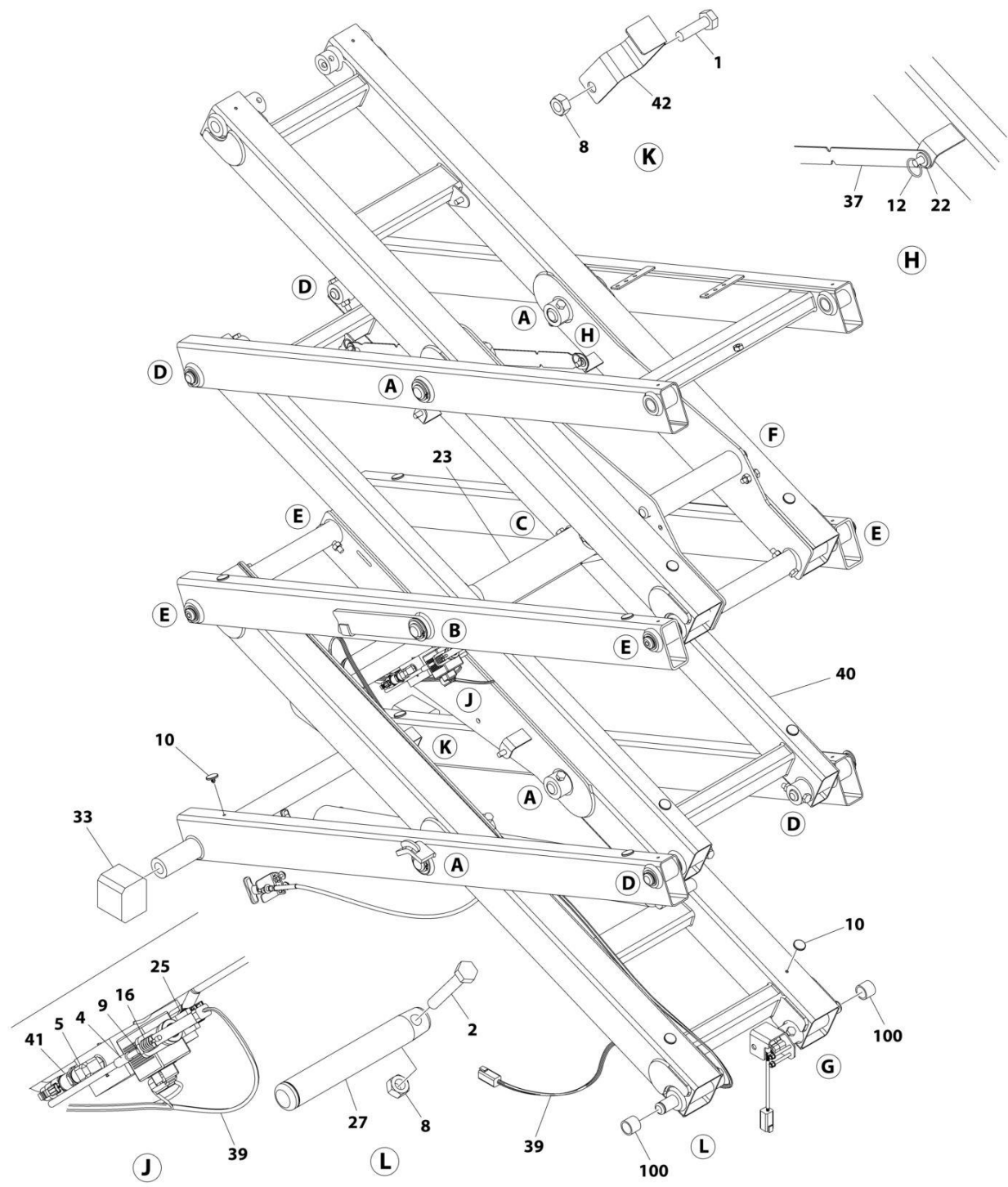
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223966	Ref	SCISSORS ARMS INSTALLATION - 1532R WITH LSS	C
1	0701015	3	Bolt M10 x 35	
2	0701021	16	Bolt M10 x 65	
3	0760610	2	Bolt M6 x 20	
3	0700620	2	Bolt M6 x 60	
4	1061034	1	Cable, Manual Descent	
4	7020218	1	T-Handle (1/4 Threads)	
4	70001878	1	T-Handle (M5 Threads)	
5	2221116	1	Fitting, 90 ORB/ORB	
6	3290405	2	Nut M4	
7	3290605	2	Nut M6	
8	3291007	19	Nut M10	
9	3321402	1	Nut 1/4	
10	3340962	16	Pad	
11	3760115	8	Ring, Retaining	
12	3760170	2	Ring, Split	
13	3760387	6	Ring, Retaining	
14	3841143	2	Keeper, Pin	
15	4031512	2	Capscrew M4 x 40	
16	4160078	1	Spring	
17	4240017	5	Tie-Strap (Not Shown)	
18	4740438	6	Washer	
19	4740531	8	Washer	
20	4811400	2	Washer M4	
21	4811700	2	Washer M6	
22	4812000	2	Washer M10	
23	1001198935	1	Lift Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
24	1001200631	1	Light, Indicator (Red)	
25	1001200740	1	Transducer, Pressure	
26	1001146963	1	Sensor, Angle	
26	4460899	1	Receptacle, Female - 6 Position	
26	4460464	6	Pin, Male	
27	1001203443	5	Pin	
28	1001203444	4	Pin	
29	1001203445	1	Pin	
30	1001203446	4	Pin	
31	1001203447	1	Pin	
32	1001203448	2	Pin	
33	1001204311	2	Block, Slide	
34	1001204312	1	Plate, Prop	
35	1001204994	1	Pin	
36	1001205345	1	Key, Angle Sensor	
37	1001206487	1	Support	
38	1001212040	1	Mount, Sensor (Prior to SN B300046614, Prior to SN M200016391)	
38	1001231268	1	Mount, Sensor (SN B200046614 to Present, SN M200016391 to Present)	
39	1001222687	1	Lift Down Harness (See Separate Breakdown in ELECTRICAL SECTION)	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
40	1001223964	1	Scissors Arms Kit - 1532R (See Separate Breakdown in this Section)	
41	1001225164	1	Transducer, Pressure	
42	1001226791	1	Bracket	
100	1001134289	2	Bearing (Part of Frame)	

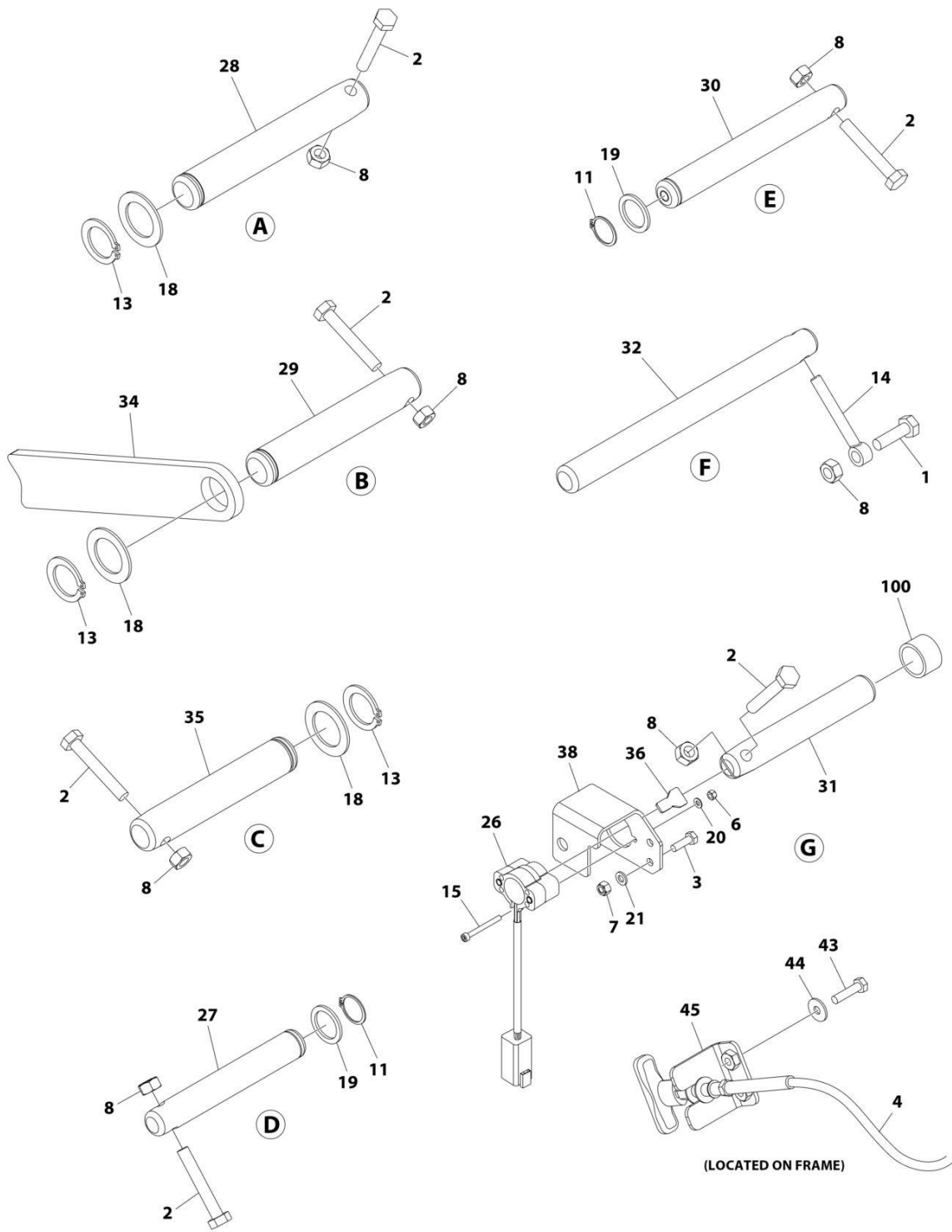
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FIGURE 3-3. SCISSORS ARMS INSTALLATION – R1532I (MACHINES WITH SN STARTING WITH M2)



ART_1001235060_E_10F2

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ART_1001235060_E_2OF2

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FIGURE 3-3. SCISSORS ARMS INSTALLATION – R1532i (MACHINES WITH SN STARTING WITH M2)

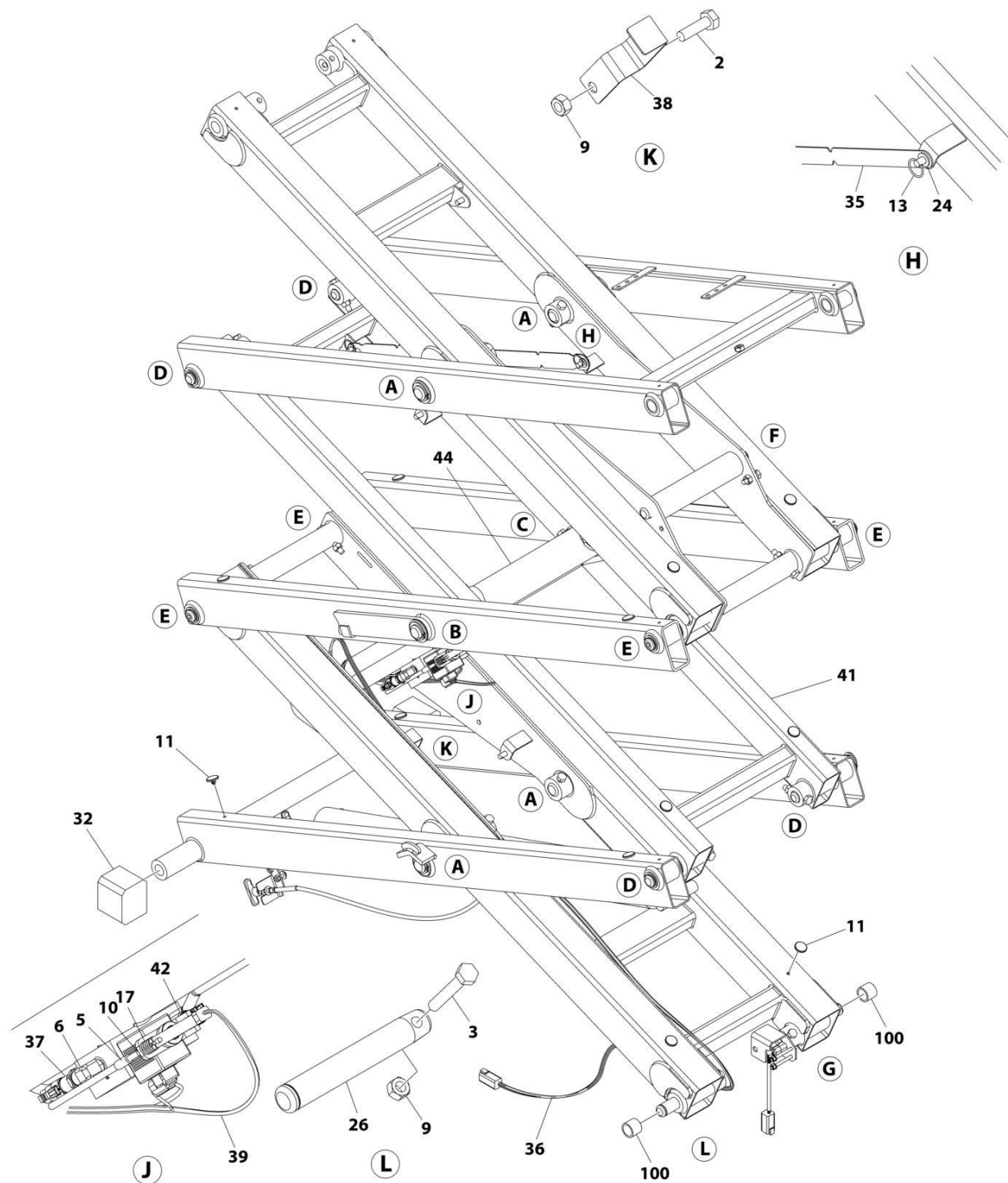
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235060	Ref	SCISSORS ARMS INSTALLATION	E
1	0701015	3	Bolt M10 x 35	
2	0701021	16	Bolt M10 x 65	
3	0700620	2	Bolt M6 x 60	
4	1061034	1	Cable, Manual Descent	
4	7020218	1	T-Handle (1/4 Threads)	
4	70001878	1	T-Handle (M5 Threads)	
5	2221116	1	Fitting, 90 ORB/ORB	
6	3290405	2	Nut M4	
7	3290605	2	Nut M6	
8	3291007	19	Nut M10	
9	3321402	1	Nut 1/4	
10	3340962	18	Pad	
11	3760115	8	Ring, Retaining	
12	3760170	2	Ring, Split	
13	3760387	6	Ring, Retaining	
14	3841143	2	Keeper, Pin	
15	4031512	2	Capscrew M4 x 40	
16	4160078	1	Spring	
17	4240017	5	Tie-Strap (Not Shown)	
18	4740438	6	Washer	
19	4740531	8	Washer	
20	4811400	2	Washer M4	
21	4811700	2	Washer M6	
22	4812000	2	Washer M10	
23	1001198935	1	Lift Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
25	1001235104	1	Transducer, Pressure	
26	1001146963	1	Sensor, Angle	
26	4460899	1	Receptacle, Female - 6 Position	
26	4460464	6	Pin, Male	
27	1001203443	5	Pin	
28	1001203444	4	Pin	
29	1001203445	1	Pin	
30	1001203446	4	Pin	
31	1001203447	1	Pin	
32	1001203448	2	Pin	
33	1001204311	2	Block, Slide	
34	1001204312	1	Plate, Prop	
35	1001204994	1	Pin	
36	1001234204	1	Key, Angle Sensor	
37	1001206487	1	Support	
38	1001231268	1	Mount, Sensor	
39	1001222687	1	Lift Down Harness (See Separate Breakdown in ELECTRICAL SECTION)	
40	1001235059	1	Scissors Arms Kit (See Separate Breakdown in this Section)	
41	1001225164	1	Transducer, Pressure	
42	1001226791	1	Bracket	
43	0760612	2	Bolt M6 x 25	
44	4811702	2	Washer M6	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
45	1001253153	1	Mount	
100	1001134289	2	Bearing (Part of Frame)	

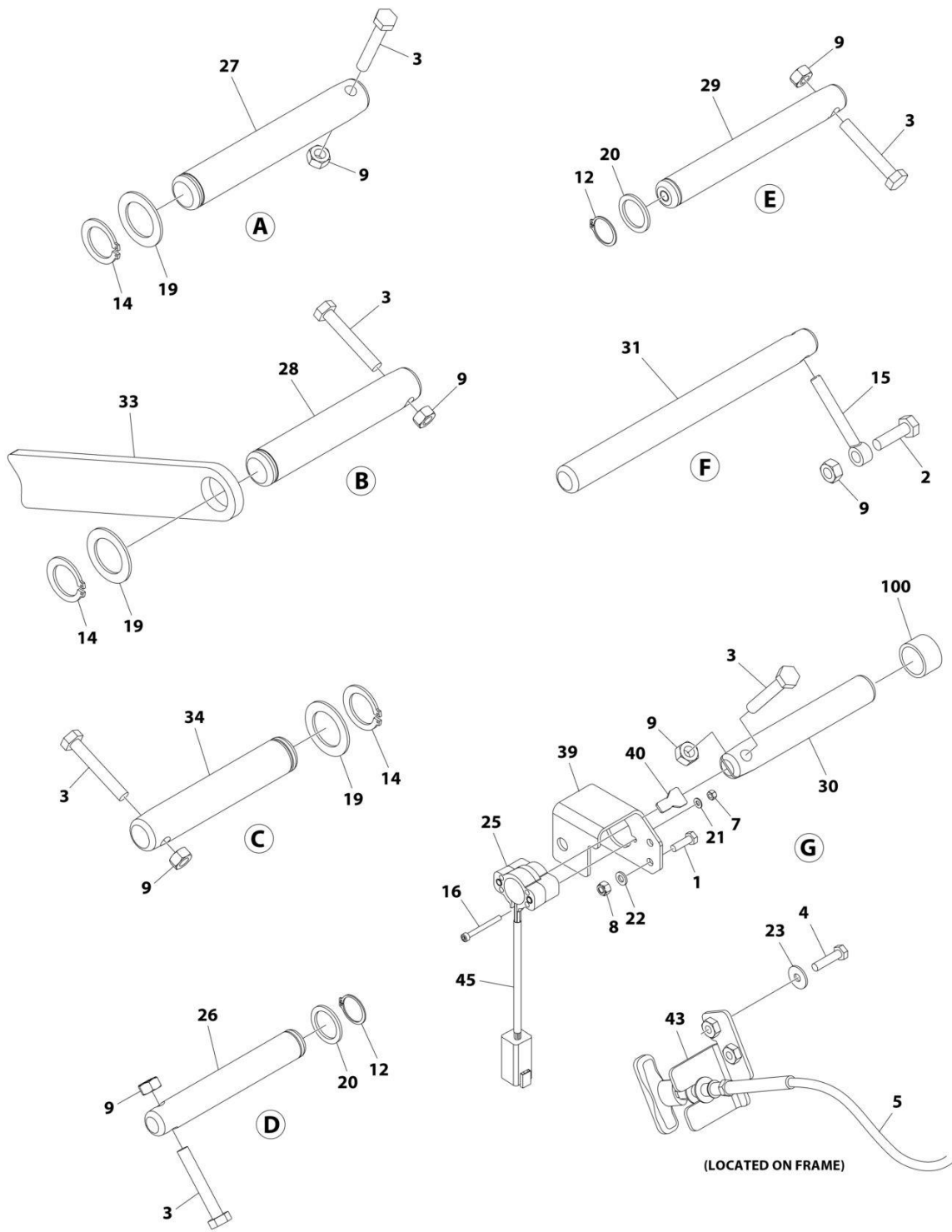
SECTION 3 - SCISSORS ARMS

FIGURE 3-4. SCISSORS ARMS INSTALLATION – R1532I (MACHINES WITH SN STARTING WITH G2)



ART_1001263536_10F2

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ART_1001263536_2OF2

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FIGURE 3-4. SCISSORS ARMS INSTALLATION – R1532i (MACHINES WITH SN STARTING WITH G2)

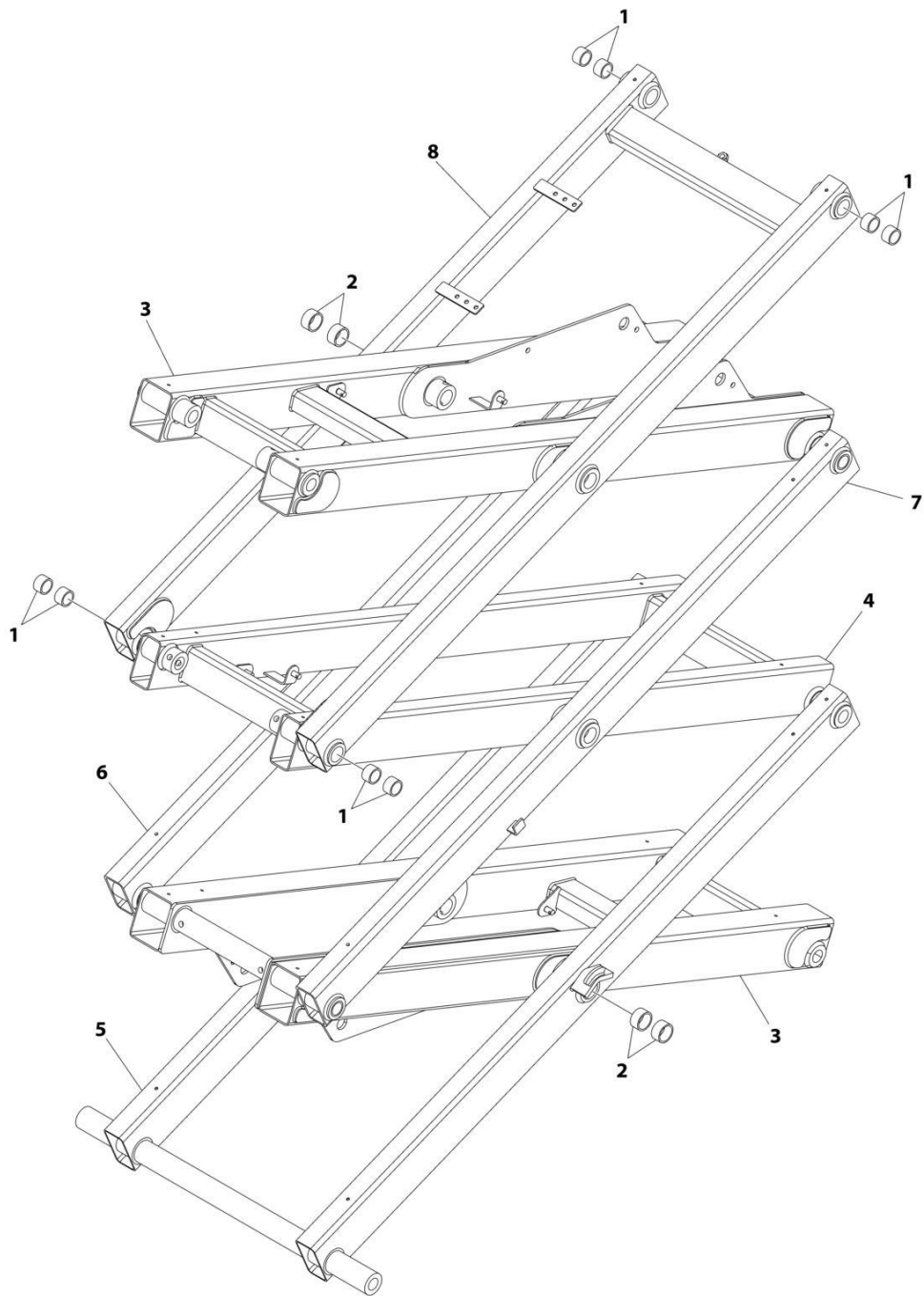
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263536	Ref	SCISSORS ARMS INSTALLATION	C
1	0700620	2	Bolt M6 x 60	
2	0701015	3	Bolt M10 x 35	
3	0701021	16	Bolt M10 x 65	
4	0760612	2	Bolt M6 x 25	
5	1061034	1	Cable, Manual Descent	
5	7020218	1	T-Handle (1/4 Threads)	
5	70001878	1	T-Handle (M5 Threads)	
6	2221116	1	Fitting, 90 ORB/ORB	
7	3290405	2	Nut M4	
8	3290605	2	Nut M6	
9	3291007	19	Nut M10	
10	3321402	1	Nut 1/4	
11	3340962	18	Pad	
12	3760115	8	Ring, Retaining	
13	3760170	2	Ring, Split	
14	3760387	6	Ring, Retaining	
15	3841143	2	Keeper, Pin	
16	4031512	2	Capscrew M4 x 40	
17	4160078	1	Spring	
18	4240017	5	Tie-Strap (Not Shown)	
19	4740438	6	Washer	
20	4740531	8	Washer	
21	4811400	2	Washer M4	
22	4811700	2	Washer M6	
23	4811702	2	Washer M6	
24	4812000	2	Washer M10	
25	1001146963	1	Sensor, Angle	
25	4460899	1	Receptacle, Female - 6 Position	
25	4460464	6	Pin, Male	
26	1001203443	5	Pin	
27	1001203444	4	Pin	
28	1001203445	1	Pin	
29	1001203446	4	Pin	
30	1001203447	1	Pin	
31	1001203448	2	Pin	
32	1001204311	2	Block, Slide	
33	1001204312	1	Plate, Prop	
34	1001204994	1	Pin	
35	1001206487	1	Support	
36	1001222687	1	Lift Down Harness (See Separate Breakdown in ELECTRICAL Section)	
37	1001225164	1	Transducer, Pressure	
38	1001226791	1	Bracket	
39	1001231268	1	Mount, Sensor	
40	1001234204	1	Key, Angle Sensor	
41	1001235059	1	Scissors Arms Kit (See Separate Breakdown in this Section)	
42	1001235104	1	Transducer, Pressure	
43	1001253153	1	Mount	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
44	1001256787	1	Lift Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
45	1001262299	1	Conduit	
100	1001134289	2	Bearing (Part of Frame)	

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FIGURE 3-5. SCISSORS ARMS KIT - 1532RI



ART_1001223964

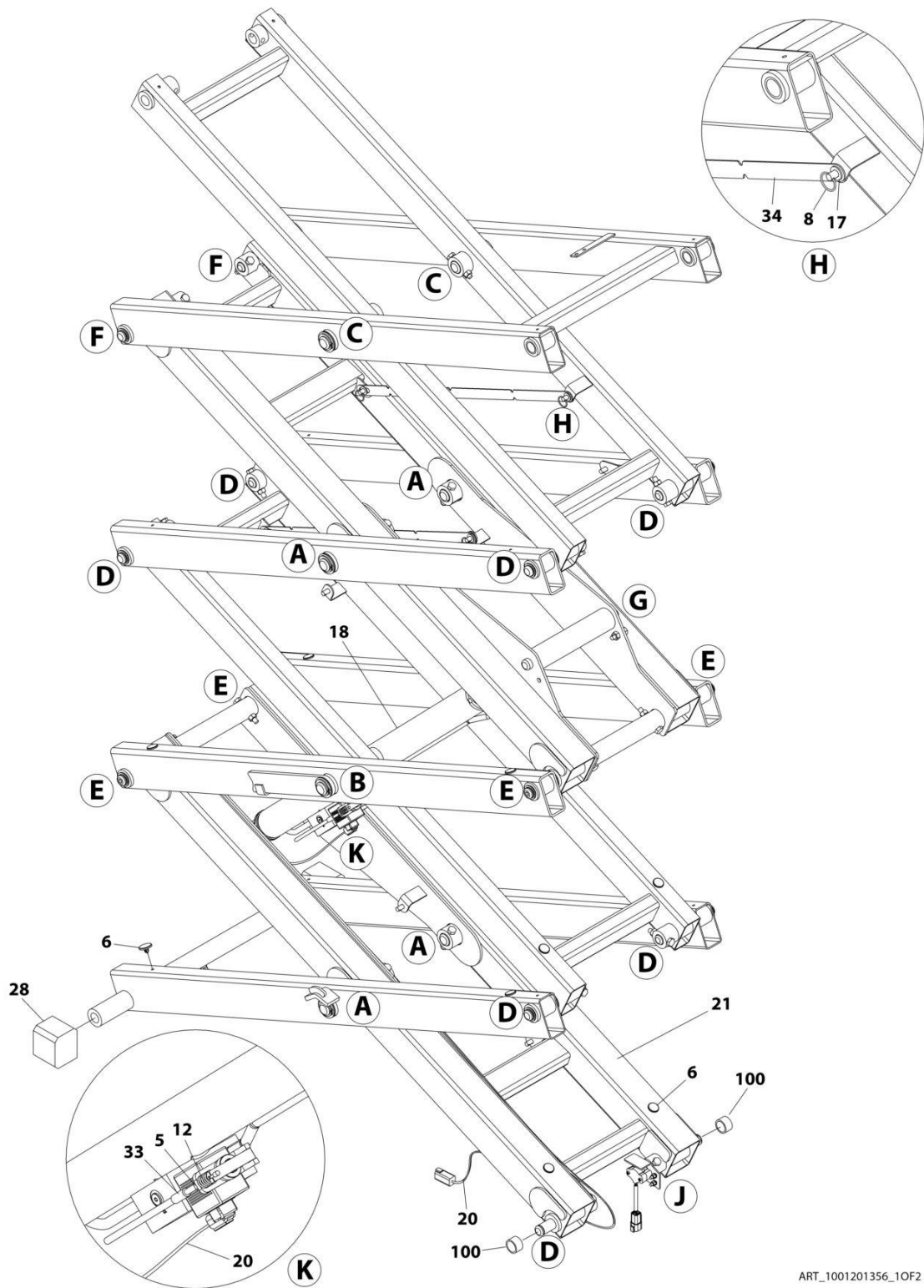
SECTION 3 - SCISSORS ARMS

FIGURE 3-5. SCISSORS ARMS KIT - 1532RI

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223964	Ref	SCISSORS ARMS KIT - 1532R	A
1	0440264	20	Bearing	
2	0440265	12	Bearing	
3	1001203973	2	Arm, Inboard (Top and Bottom)	
4	1001203974	1	Arm, Inboard (Mid)	
5	1001203975	1	Arm, Outboard (Bottom)	
6	1001203976	1	Arm, Outboard (Mid Left Side)	
7	1001213554	1	Arm, Outboard (Mid Right Side)	
8	1001204621	1	Arm, Outboard (Top)	

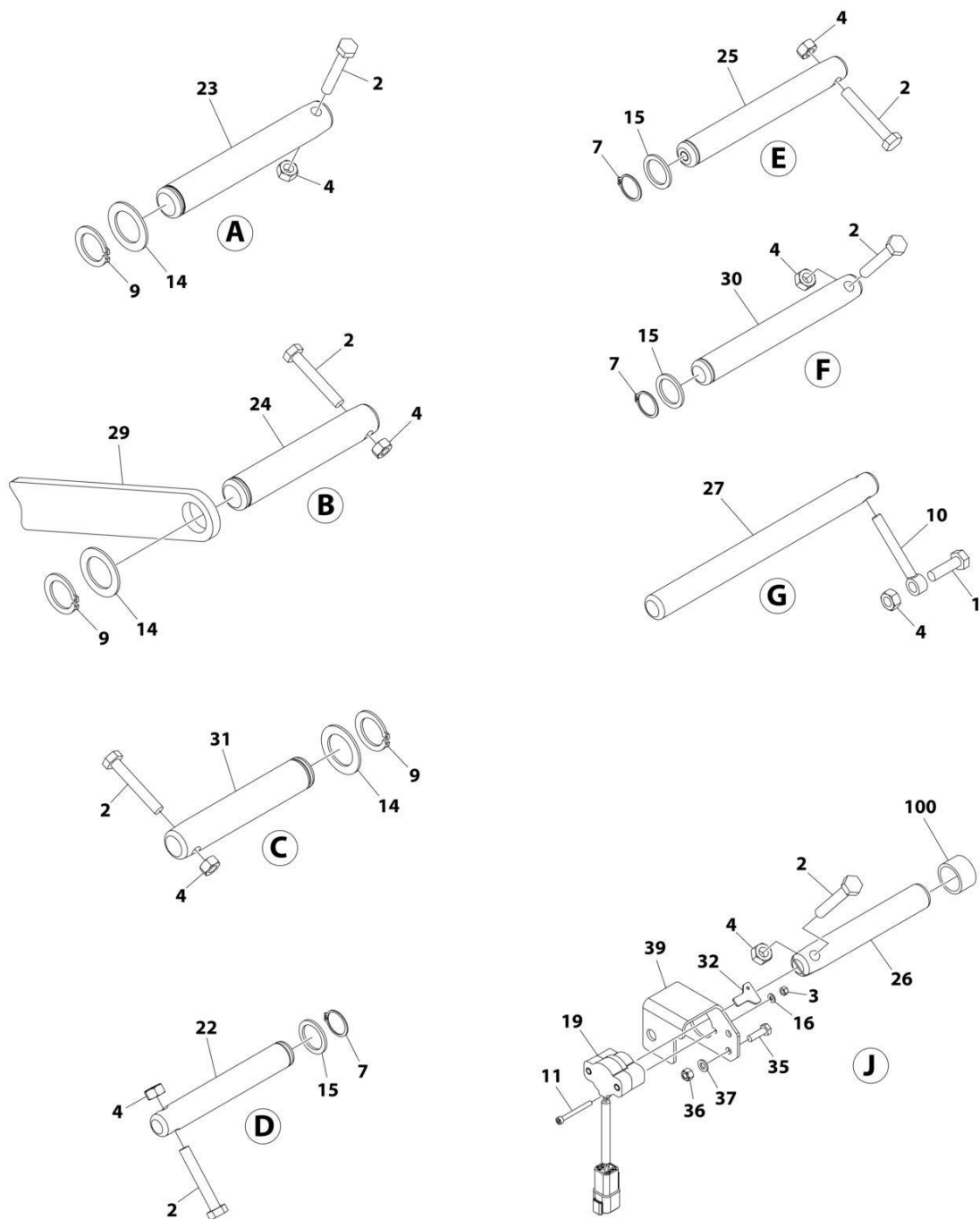
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FIGURE 3-6. SCISSORS ARMS INSTALLATION - R1932 WITHOUT LSS



ART_1001201356_10F2

SECTION 3 - SCISSORS ARMS



ART_1001201356_2OF2

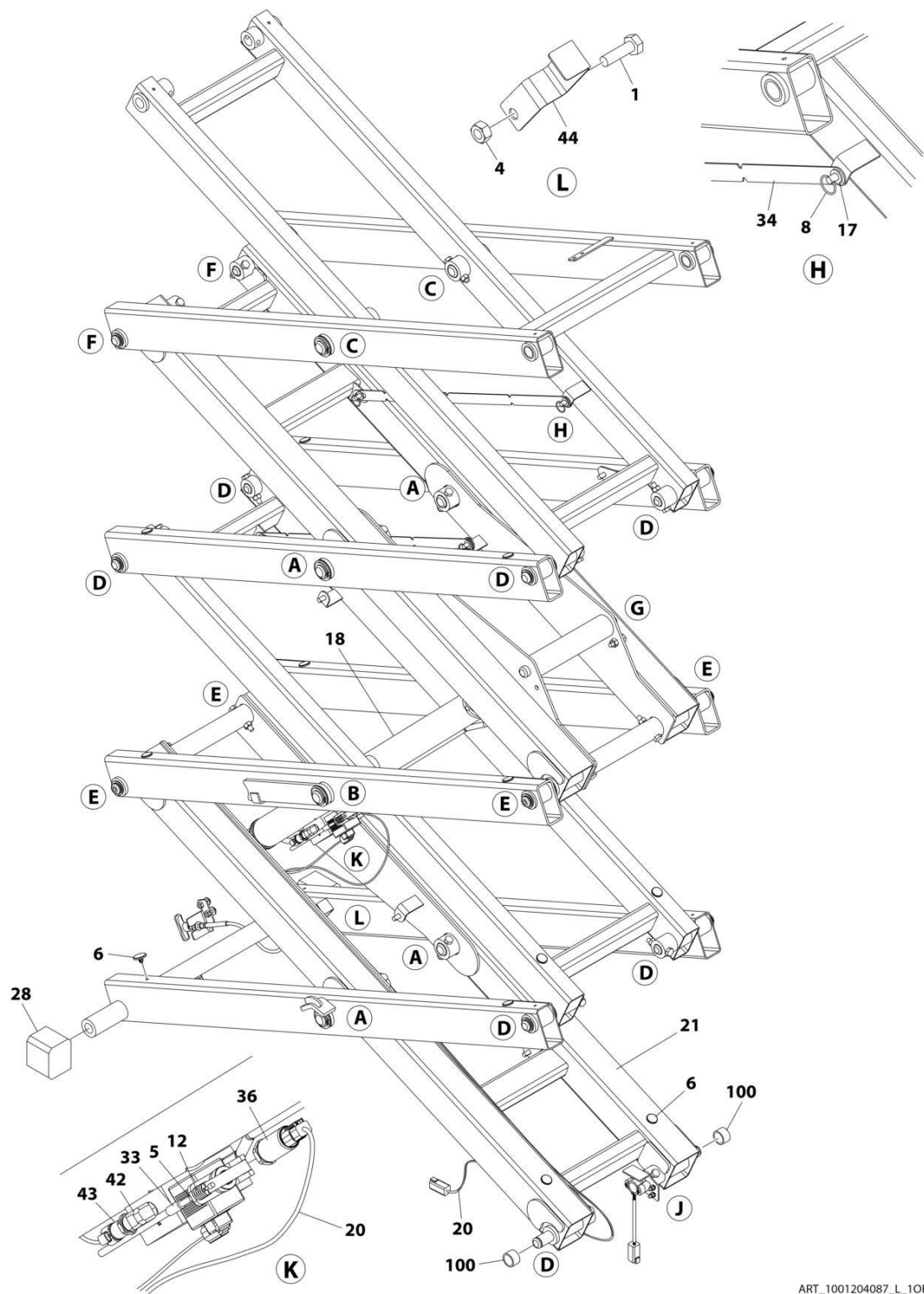
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FIGURE 3-6. SCISSORS ARMS INSTALLATION - R1932 WITHOUT LSS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201356	Ref	SCISSORS ARMS INSTALLATION - 1932R WITHOUT LSS	F
1	0701015	2	Bolt M10 x 35	
2	0701021	22	Bolt M10 x 65	
3	3290405	2	Nut M4	
4	3291007	24	Nut M10	
5	3321402	1	Nut 1/4	
6	3340962	24	Pad	
7	3760115	12	Ring, Retaining	
8	3760170	4	Ring, Split	
9	3760387	8	Ring, Retaining	
10	3841143	2	Keeper, Pin	
11	4031512	2	Capscrew M4 x 40	
12	4160078	1	Spring	
13	4240017	5	Tie-Strap (Not Shown)	
14	4740438	8	Washer	
15	4740531	12	Washer	
16	4811400	2	Washer M4	
17	4812000	4	Washer M10	
18	1001198935	1	Lift Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
19	1001200746	1	Sensor, Angle	
19	4460899	1	Receptacle, Female - 6 Position	
19	4460464	1	Pin, Male	
20	1001200821	1	Lift Down Harness (See Separate Breakdown in ELECTRICAL SECTION)	
21	1001201355	1	Scissors Arms Kit - 1932R (See Separate Breakdown in this Section)	
22	1001203443	7	Pin	
23	1001203444	4	Pin	
24	1001203445	1	Pin	
25	1001203446	4	Pin	
26	1001203447	1	Pin	
27	1001203448	2	Pin	
28	1001204311	2	Block, Slide	
29	1001204312	1	Plate, Prop	
30	1001204781	2	Pin	
31	1001204994	3	Pin	
32	1001205345	1	Key, Angle Sensor	
33	1061034	1	Cable, Manual Descent	
33	7020218	1	T-Handle (1/4 Threads)	
33	70001878	1	T-Handle (M5 Threads)	
34	1001206487	2	Support	
35	0760610	2	Bolt M6 x 20	
35	0700620	2	Bolt M6 x 60	
36	3290605	2	Nut M6	
37	4811700	2	Washer M6	
39	1001212040	1	Mount, Sensor (Prior to SN B300045794, Prior to SN M200016391)	
39	1001231268	1	Mount, Sensor (SN B200045794 to Present, SN M200016391 to Present)	
100	1001134289	2	Bearing (Part of Frame)	

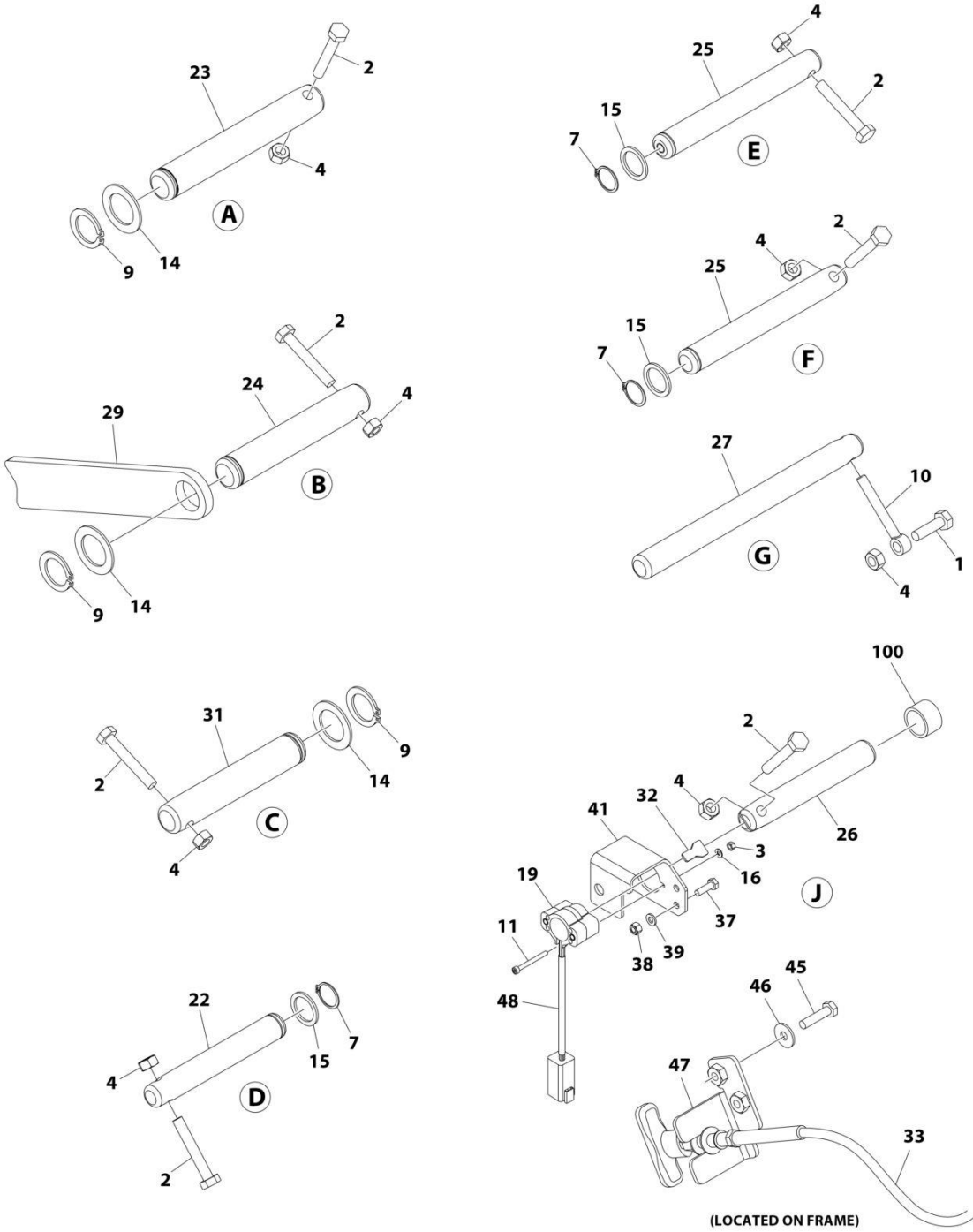
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FIGURE 3-7. SCISSORS ARMS INSTALLATION – R1932/R1932i (MACHINES WITH SN STARTING WITH M2)



ART_1001204087_L_10F2

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ART_1001204087_L_2OF2

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FIGURE 3-7. SCISSORS ARMS INSTALLATION – R1932/R1932I (MACHINES WITH SN STARTING WITH M2)

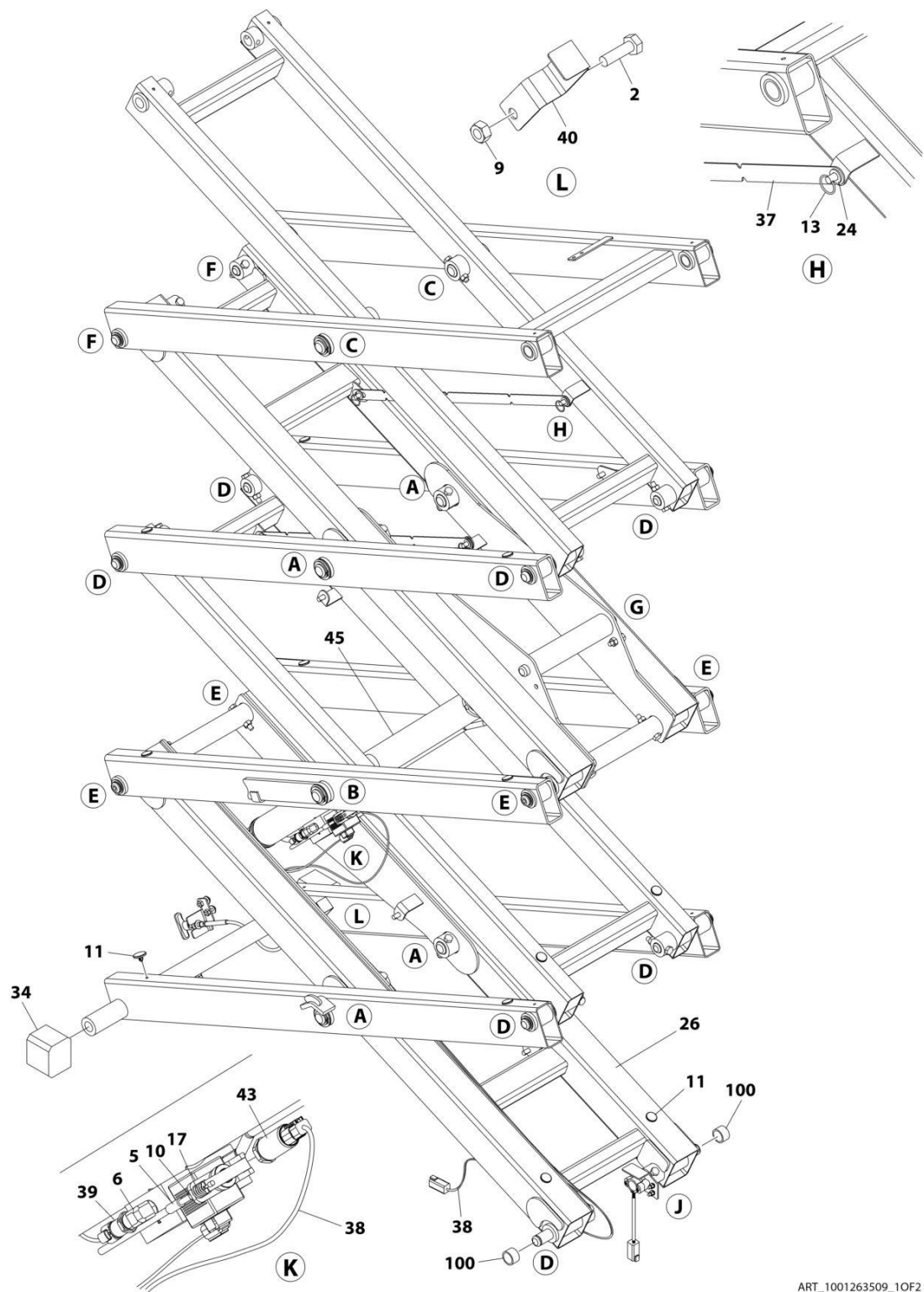
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204087	Ref	SCISSORS ARMS INSTALLATION	L
1	0701015	AR	Bolt M10 x 35	
2	0701021	22	Bolt M10 x 65	
3	3290405	2	Nut M4	
4	3291007	AR	Nut M10	
5	3321402	1	Nut 1/4	
6	3340962	24	Pad	
7	3760115	12	Ring, Retaining	
8	3760170	4	Ring, Split	
9	3760387	8	Ring, Retaining	
10	3841143	2	Keeper, Pin	
11	4031512	2	Capscrew M4 x 40	
12	4160078	1	Spring	
13	4240017	5	Tie-Strap (Not Shown)	
14	4740438	8	Washer	
15	4740531	12	Washer	
16	4811400	2	Washer M4	
17	4812000	4	Washer M10	
18	1001198935	1	Lift Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
19	1001146963	1	Sensor, Angle	
19	4460899	1	Receptacle, Female - 6 Position	
19	4460464	6	Pin, Male	
20	1001222687	1	Lift Down Harness (See Separate Breakdown in ELECTRICAL Section)	
21	1001201355	1	Scissors Arms Kit (See Separate Breakdown in this Section)	
22	1001203443	7	Pin	
23	1001203444	4	Pin	
24	1001203445	1	Pin	
25	1001203446	6	Pin	
26	1001203447	1	Pin	
27	1001203448	2	Pin	
28	1001204311	2	Block, Slide	
29	1001204312	1	Plate, Prop	
31	1001204994	3	Pin	
32	1001234204	1	Key, Angle Sensor	
33	1061034	1	Cable, Manual Descent	
33	7020218	1	T-Handle (1/4 Threads)	
33	70001878	1	T-Handle (M5 Threads)	
34	1001206487	2	Support	
36	1001235104	1	Transducer, Pressure	
37	0700620	2	Bolt M6 x 60	
38	3290605	2	Nut M6	
39	4811700	2	Washer M6	
41	1001231268	1	Mount, Sensor	
42	2221116	1	Fitting, 90 ORB/ORB	
43	1001225164	1	Transducer, Pressure	
44	1001226791	1	Bracket	
45	0760612	2	Bolt M6 x 25	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
46	4811702	2	Washer M6	
47	1001253153	1	Mount	
48	280013	6.5 in/16.5cm	Conduit	
100	1001134289	2	Bearing (Part of Frame)	

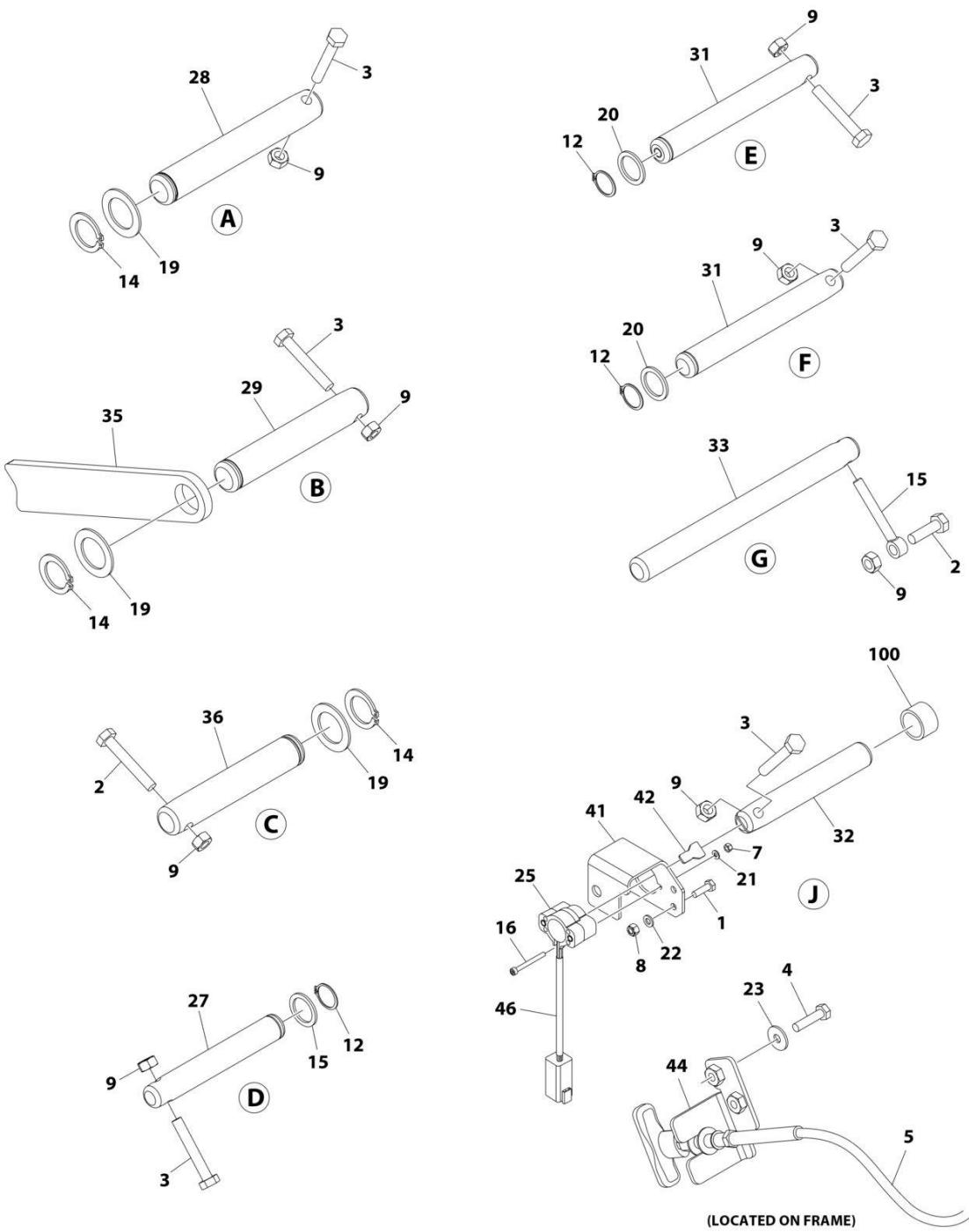
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FIGURE 3-8. SCISSORS ARMS INSTALLATION – R1932/R1932i (MACHINES WITH SN STARTING WITH G2)



ART_1001263509_10F2

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ART_1001263509_20F2

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FIGURE 3-8. SCISSORS ARMS INSTALLATION – R1932/R1932i (MACHINES WITH SN STARTING WITH G2)

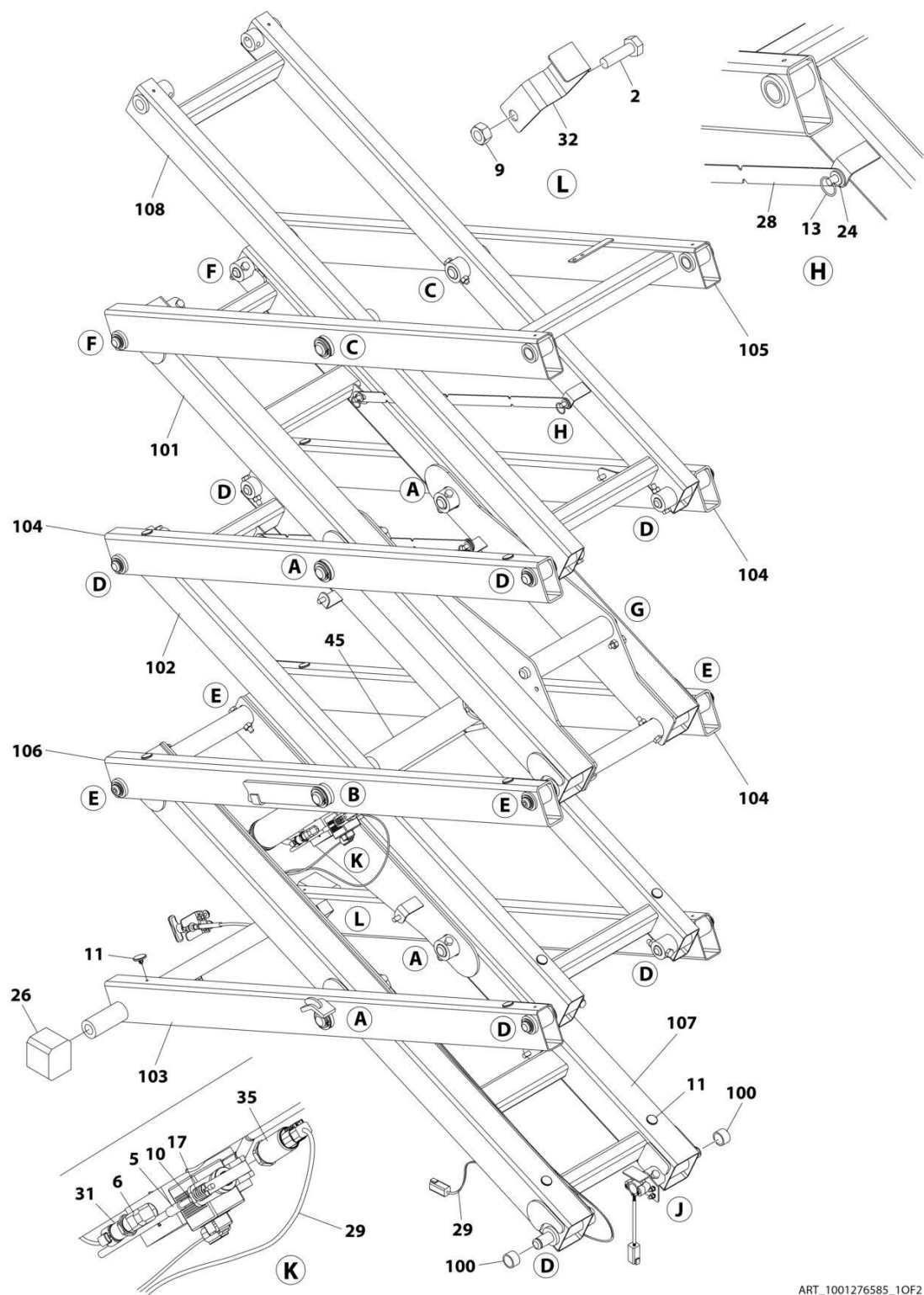
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263509	Ref	SCISSORS ARMS INSTALLATION	C
1	0700620	2	Bolt M6 x 60	
2	0701015	3	Bolt M10 x 35	
3	0701021	22	Bolt M10 x 65	
4	0760612	2	Bolt M6 x 25	
5	1061034	1	Cable, Manual Descent	
5	7020218	1	T-Handle (1/4 Threads)	
5	70001878	1	T-Handle (M5 Threads)	
6	2221116	1	Fitting, 90 ORB/ORB	
7	3290405	2	Nut M4	
8	3290605	2	Nut M6	
9	3291007	25	Nut M10	
10	3321402	1	Nut 1/4	
11	3340962	24	Pad	
12	3760115	12	Ring, Retaining	
13	3760170	4	Ring, Split	
14	3760387	8	Ring, Retaining	
15	3841143	2	Keeper, Pin	
16	4031512	2	Capscrew M4 x 40	
17	4160078	1	Spring	
18	4240017	5	Tie-Strap (Not Shown)	
19	4740438	8	Washer	
20	4740531	12	Washer	
21	4811400	2	Washer M4	
22	4811700	2	Washer M6	
23	4811702	2	Washer M6	
24	4812000	4	Washer M10	
25	1001146963	1	Sensor, Angle	
25	4460899	1	Receptacle, Female - 6 Position	
25	4460464	6	Pin, Male	
26	1001201355	1	Scissors Arms Kit (See Separate Breakdown in this Section)	
27	1001203443	7	Pin	
28	1001203444	4	Pin	
29	1001203445	1	Pin	
31	1001203446	6	Pin	
32	1001203447	1	Pin	
33	1001203448	2	Pin	
34	1001204311	2	Block, Slide	
35	1001204312	1	Plate, Prop	
36	1001204994	3	Pin	
37	1001206487	2	Support	
38	1001222687	1	Lift Down Harness (See Separate Breakdown in ELECTRICAL Section)	
39	1001225164	1	Transducer, Pressure	
40	1001226791	1	Bracket	
41	1001231268	1	Mount, Sensor	
42	1001234204	1	Key, Angle Sensor	
43	1001235104	1	Transducer, Pressure	
44	1001253153	1	Mount	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
45	1001256787	1	Lift Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
46	1001262299	1	Conduit	
100	1001134289	2	Bearing (Part of Frame)	

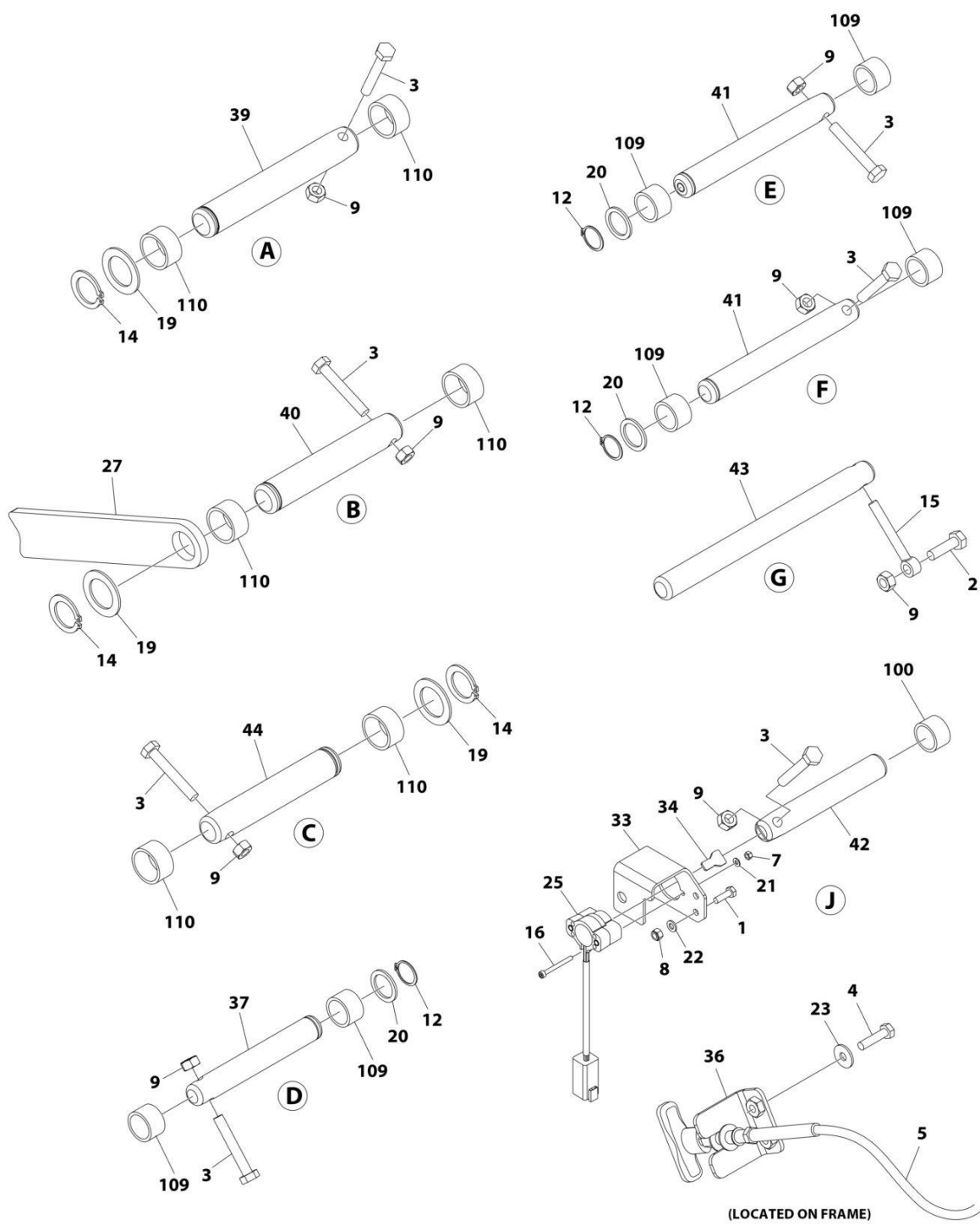
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FIGURE 3-9. SCISSORS ARMS INSTALLATION (MACHINES WITH SN STARTING WITH 12)



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ART_1001276585_20F2

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FIGURE 3-9. SCISSORS ARMS INSTALLATION (MACHINES WITH SN STARTING WITH 12)

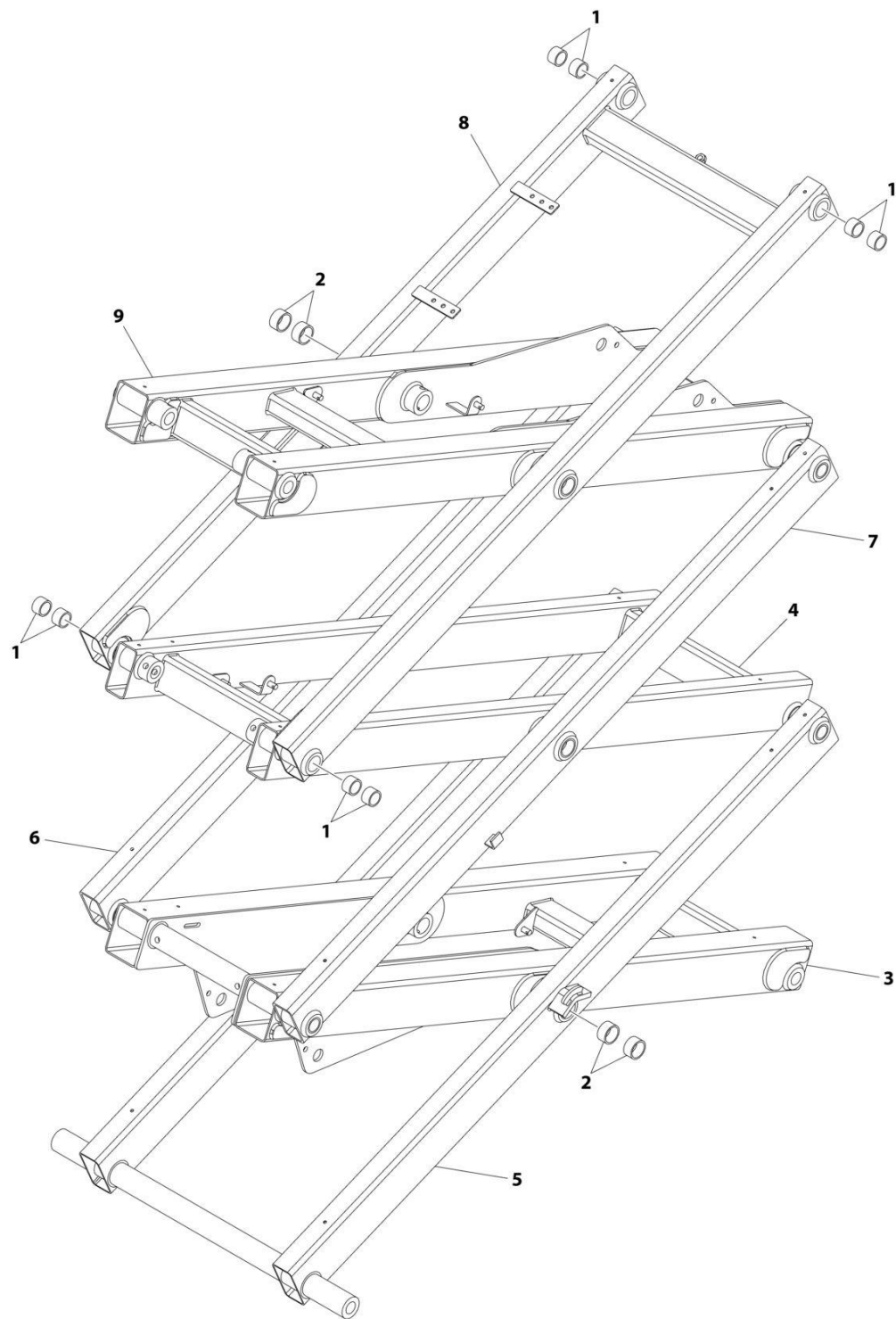
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276585	Ref	SCISSORS ARMS INSTALLATION	C
1	0700620	2	Bolt M6 x 60	
2	0701015	3	Bolt M10 x 35	
3	0701021	22	Bolt M10 x 65	
4	0760612	2	Bolt M6 x 25	
5	1061034	1	Cable, Manual Descent	
5	7020218	1	T-Handle (1/4 Threads)	
5	70001878	1	T-Handle (M5 Threads)	
6	2221116	1	Fitting, 90 ORB/ORB	
7	3290405	2	Nut M4	
8	3290605	2	Nut M6	
9	3291007	25	Nut M10	
10	3321402	1	Nut 1/4	
11	3340962	24	Pad	
12	3760115	12	Ring, Retaining	
13	3760170	4	Ring, Split	
14	3760387	8	Ring, Retaining	
15	3841143	2	Keeper, Pin	
16	4031512	2	Capscrew M4 x 40	
17	4160078	1	Spring	
18	4240017	5	Tie-Strap (Not Shown)	
19	4740438	8	Washer	
20	4740531	12	Washer	
21	4811400	2	Washer M4	
22	4811700	2	Washer M6	
23	4811702	2	Washer M6	
24	4812000	4	Washer M10	
25	1001295195	1	Sensor, Angle	
25	4460899	1	Receptacle, Female - 6 Position	
25	4460464	1	Pin, Male	
26	1001204311	2	Block, Slide	
27	1001204312	1	Plate, Prop	
28	1001206487	2	Support	
29	1001294256	1	Lift Down Harness (See Separate Breakdown in ELECTRICAL Section)	
31	1001225164	1	Transducer, Pressure	
32	1001226791	1	Bracket	
33	1001231268	1	Mount, Sensor	
34	1001234204	1	Key, Angle Sensor	
35	1001285320	1	Transducer, Pressure (3 Pin)	
35	1001235104	1	Transducer, Pressure (4 Pin)	
36	1001253153	1	Mount	
37	1001276707	7	Pin	
38	1001276725	1	Scissors Arms Kit (Not Shown) (Include Items 101-110)	
39	1001276728	4	Pin	
40	1001276729	1	Pin	
41	1001276730	6	Pin	
42	1001276731	1	Pin	
43	1001276732	2	Pin	
44	1001276733	3	Pin	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
45	1001276734	1	Lift Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
100	1001134289	2	Bearing (Part of Frame)	
101	1001203973	1	Arm, Inboard Cylinder Mount	
102	1001203974	1	Arm, Inboard	
103	1001203975	1	Arm, Outboard	
104	1001203976	3	Arm, Outboard (Mid)	
105	1001204621	1	Arm, Outboard (Top)	
106	1001213554	1	Arm, Outboard (Mid)	
107	1001241604	1	Arm, Inboard Cylinder Mount (Lower)	
108	1001241605	1	Arm, Inboard (Upper)	
109	1001276726	28	Bearing	
110	1001276727	16	Bearing	

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FIGURE 3-10. SCISSORS ARMS KIT - R1532I



ART_1001235059

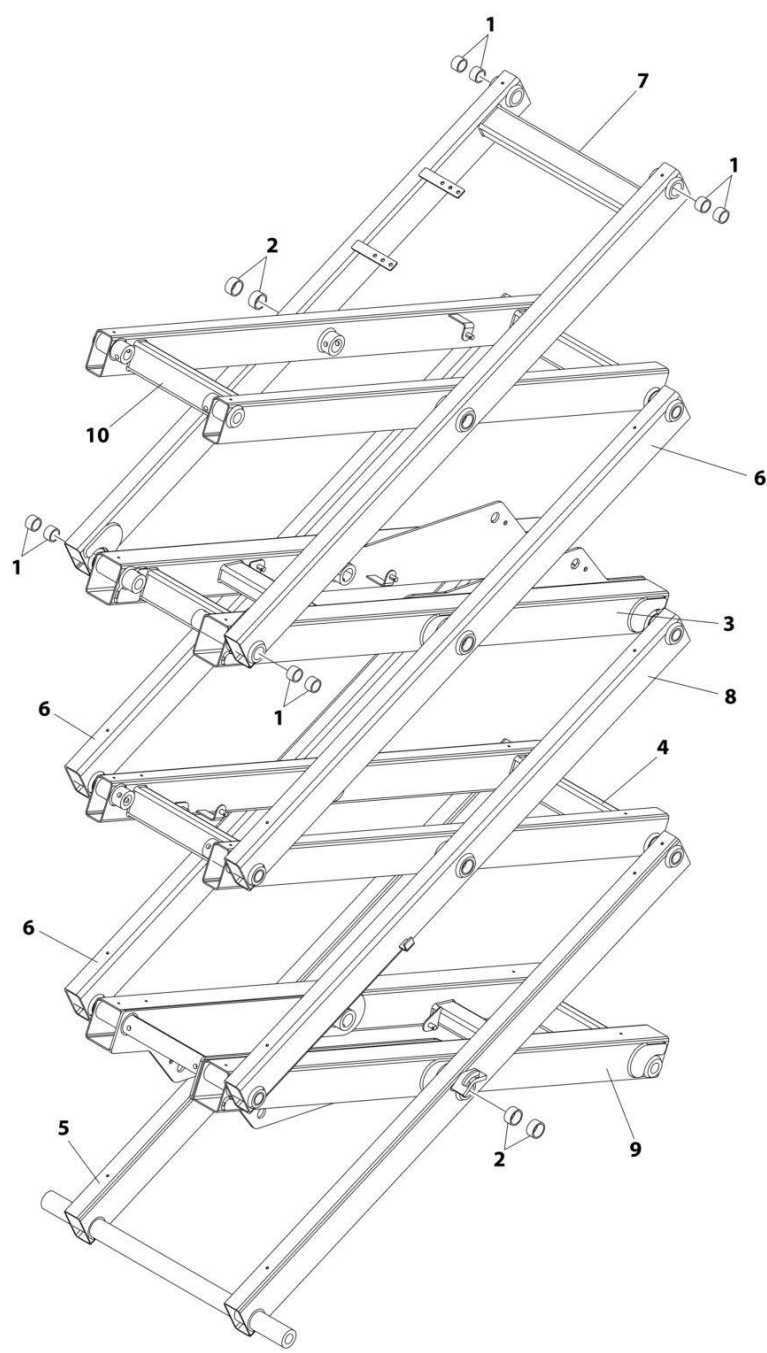
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FIGURE 3-10. SCISSORS ARMS KIT - R1532I

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235059	Ref	SCISSORS ARMS KIT	B
1	0440264	20	Bearing	
2	0440265	12	Bearing	
3	1001235024	2	Arm, Inboard (Bottom)	
4	1001203974	1	Arm, Inboard (Mid)	
5	1001203975	1	Arm, Outboard (Bottom)	
6	1001203976	1	Arm, Outboard (Mid Left Side)	
7	1001213554	1	Arm, Outboard (Mid Right Side)	
8	1001204621	1	Arm, Outboard (Top)	
9	1001235025	1	Arm, Inboard (Top)	

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FIGURE 3-11. SCISSORS ARMS KIT - R1932/R1932I



ART_1001201355_D

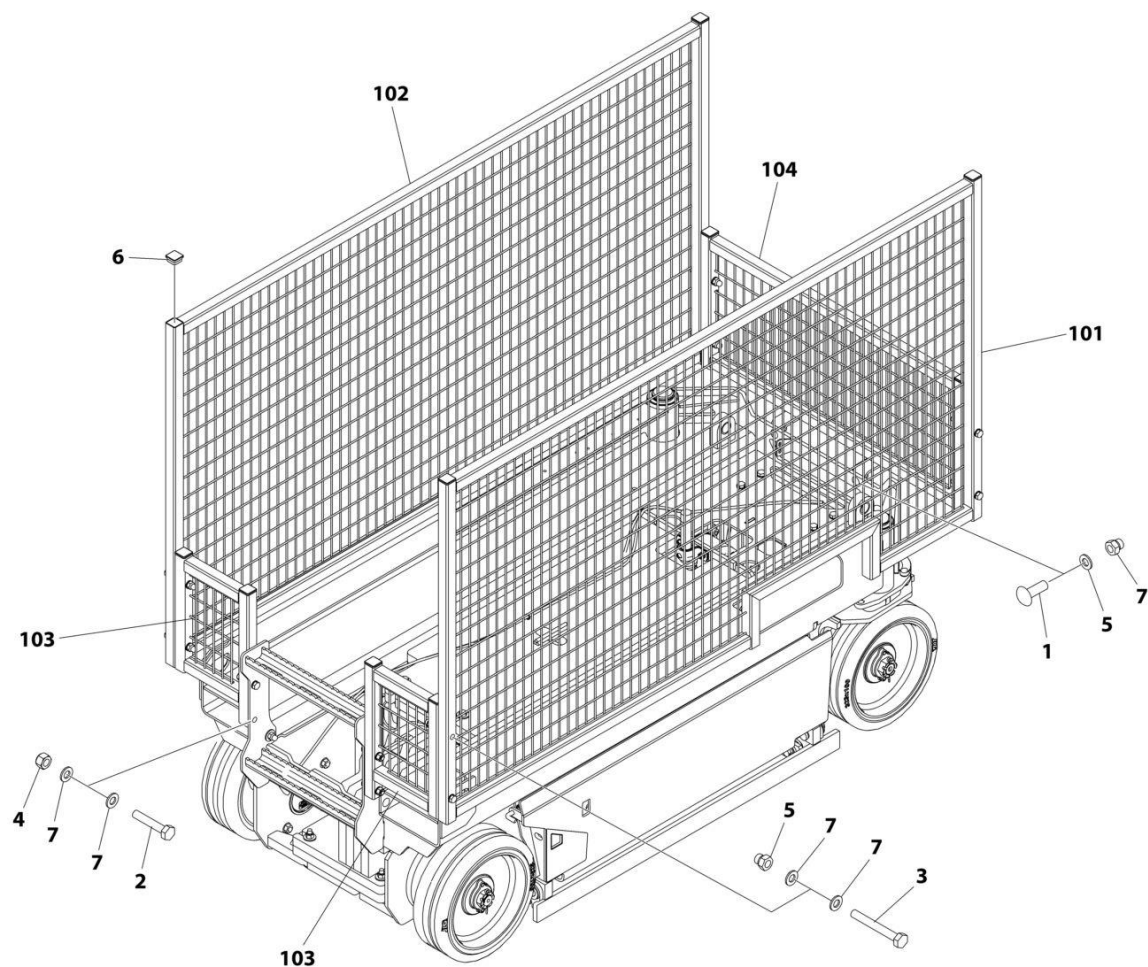
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FIGURE 3-11. SCISSORS ARMS KIT - R1932/R1932I

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201355	Ref	SCISSORS ARMS KIT	D
1	0440264	28	Bearing	
2	0440265	16	Bearing	
3	1001203973	1	Arm, Inboard (Upper Mid)	
4	1001203974	1	Arm, Inboard (Lower Mid)	
5	1001203975	1	Arm, Outboard (Bottom)	
6	1001203976	3	Arm, Outboard (Lower Mid Left Side and Upper Mid Right/Left)	
7	1001204621	1	Arm, Outboard (Top)	
8	1001213554	1	Arm, Outboard (Lower Mid Right Side)	
9	1001241604	1	Arm, Inboard (Bottom)	
10	1001241605	1	Arm, Inboard (Top)	

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FIGURE 3-12. ARM GUARD INSTALLATION



ART_1001224623

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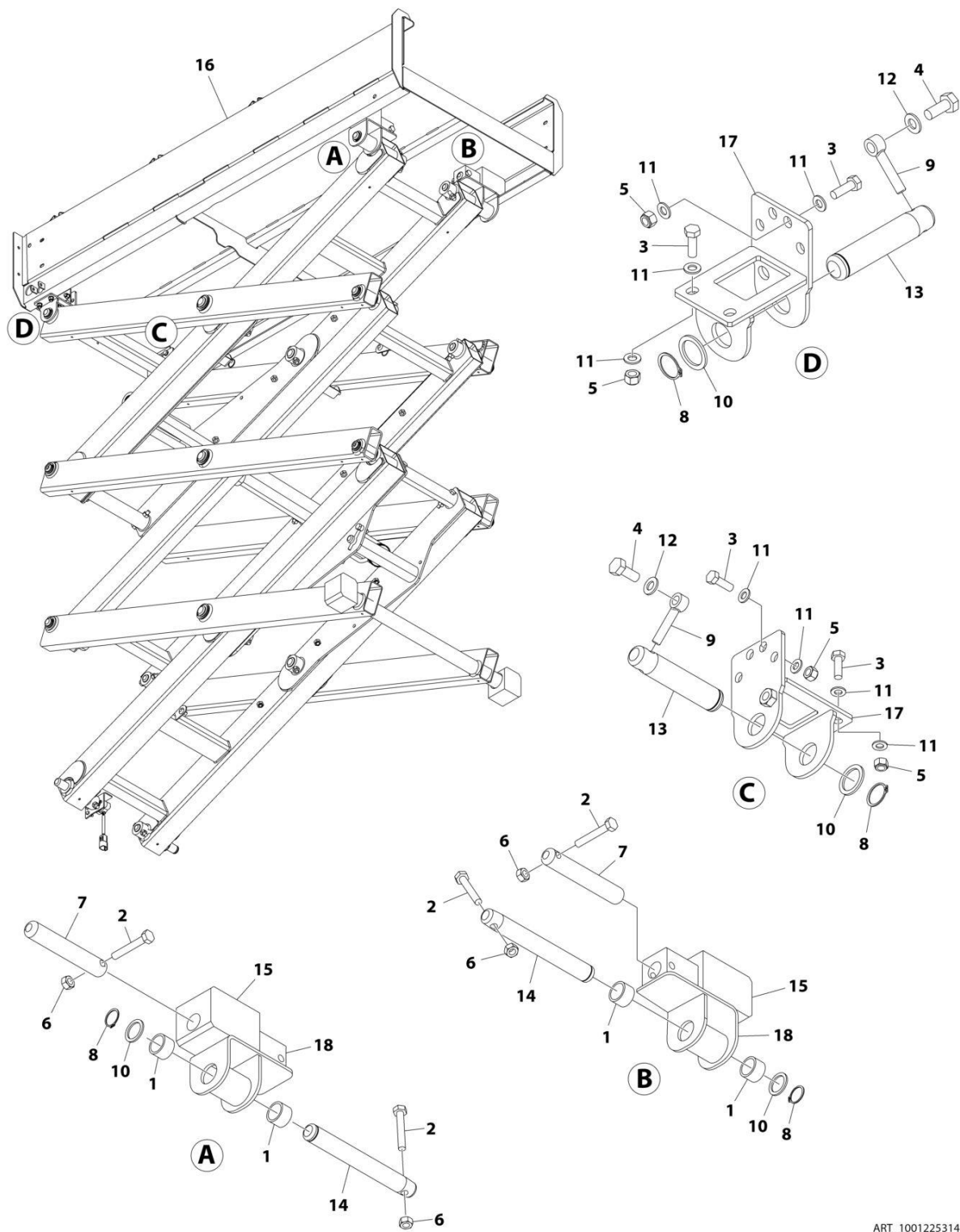
FIGURE 3-12. ARM GUARD INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001224623	Ref	ARM GUARD INSTALLATION	A
1	0630613	2	Bolt M10 x 30	
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	
8	1001224622	1	Arm Guard Kit	
101	1001224604	1	Guard, Arm (RH)	
102	1001224608	1	Guard, Arm (LH)	
103	1001224614	2	Guard, Arm (Rear)	
104	1001224620	1	Guard, Arm (Front)	

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SECTION 4 - PLATFORM

FIGURE 4-1. PLATFORM INSTALLATION - 1532R



ART_1001225314

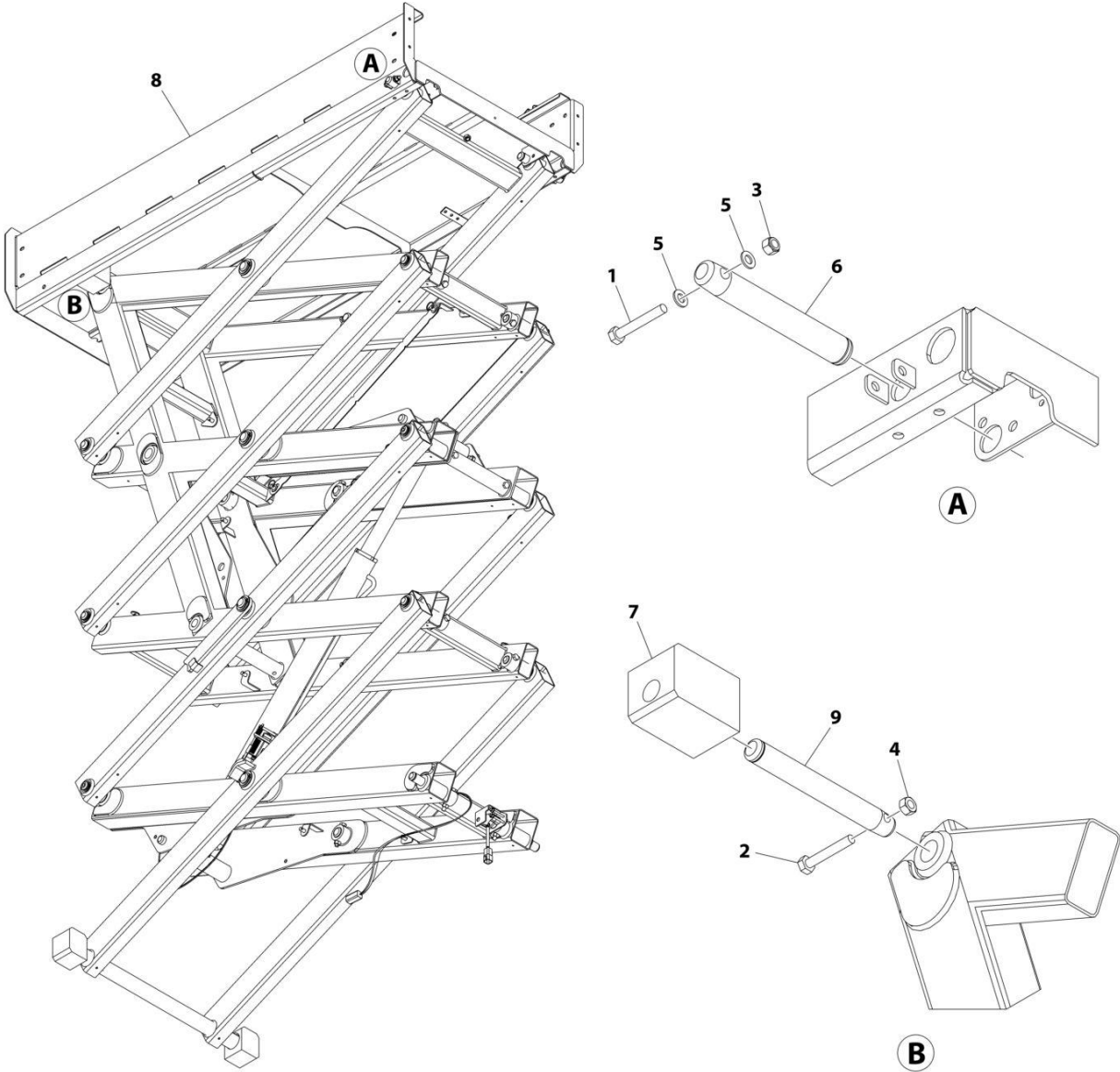
SECTION 4 - PLATFORM

FIGURE 4-1. PLATFORM INSTALLATION - 1532R

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225314	Ref	PLATFORM INSTALLATION - 1532R	A
1	0440264	4	Bearing	
2	0701021	4	Bolt M10 x 65	
3	0760812	8	Bolt M8 x 25	
4	0761012	2	Bolt M10 x 25	
5	3290805	8	Nut M8	
6	3291007	4	Nut M10	
7	3423104	2	Pin	
8	3760115	4	Ring, Retaining	
9	3841520	2	Keeper, Pin	
10	4740531	4	Washer	
11	4811900	16	Washer M8	
12	4812000	2	Washer M10	
13	1001225316	2	Pin	
14	1001204781	2	Pin	
15	1001205156	2	Block, Slide	
16	1001205414	1	Platform	
17	1001225299	2	Support	
18	1001225309	2	Support	

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FIGURE 4-2. PLATFORM INSTALLATION - R1532I



ART_1001226948

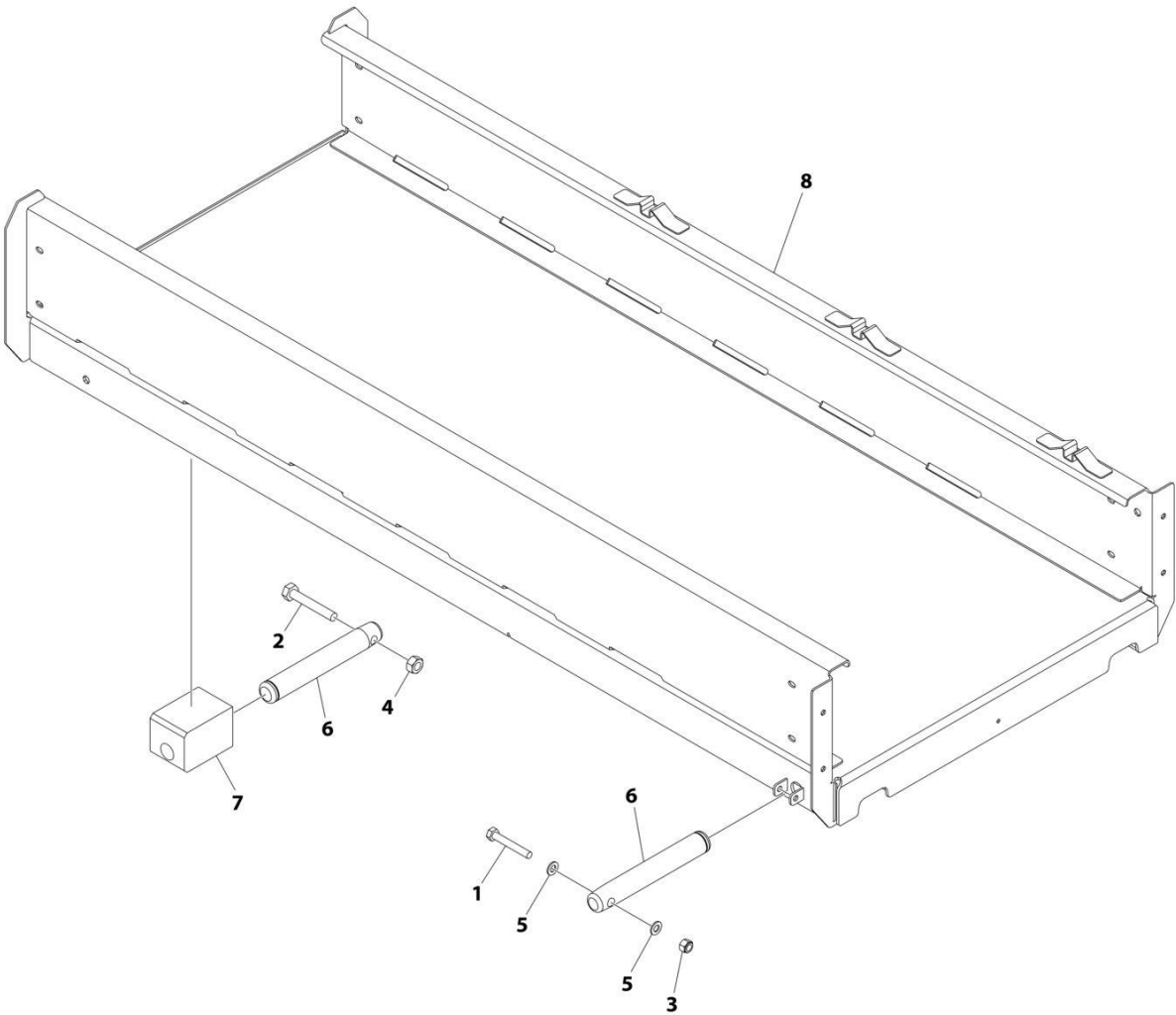
SECTION 4 - PLATFORM

FIGURE 4-2. PLATFORM INSTALLATION - R1532I

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235018	Ref	PLATFORM INSTALLATION	A
1	0700819	2	Bolt M8 x 55	
2	0701021	2	Bolt M10 x 65	
3	3290805	2	Nut M8	
4	3291007	2	Nut M10	
5	4811900	4	Washer M8	
6	1001203443	2	Pin	
7	1001205156	2	Block, Slide	
8	1001235541	1	Platform	
9	1001204781	2	Pin	

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FIGURE 4-3. PLATFORM INSTALLATION - R1932/R1932I



ART_1001205709_C

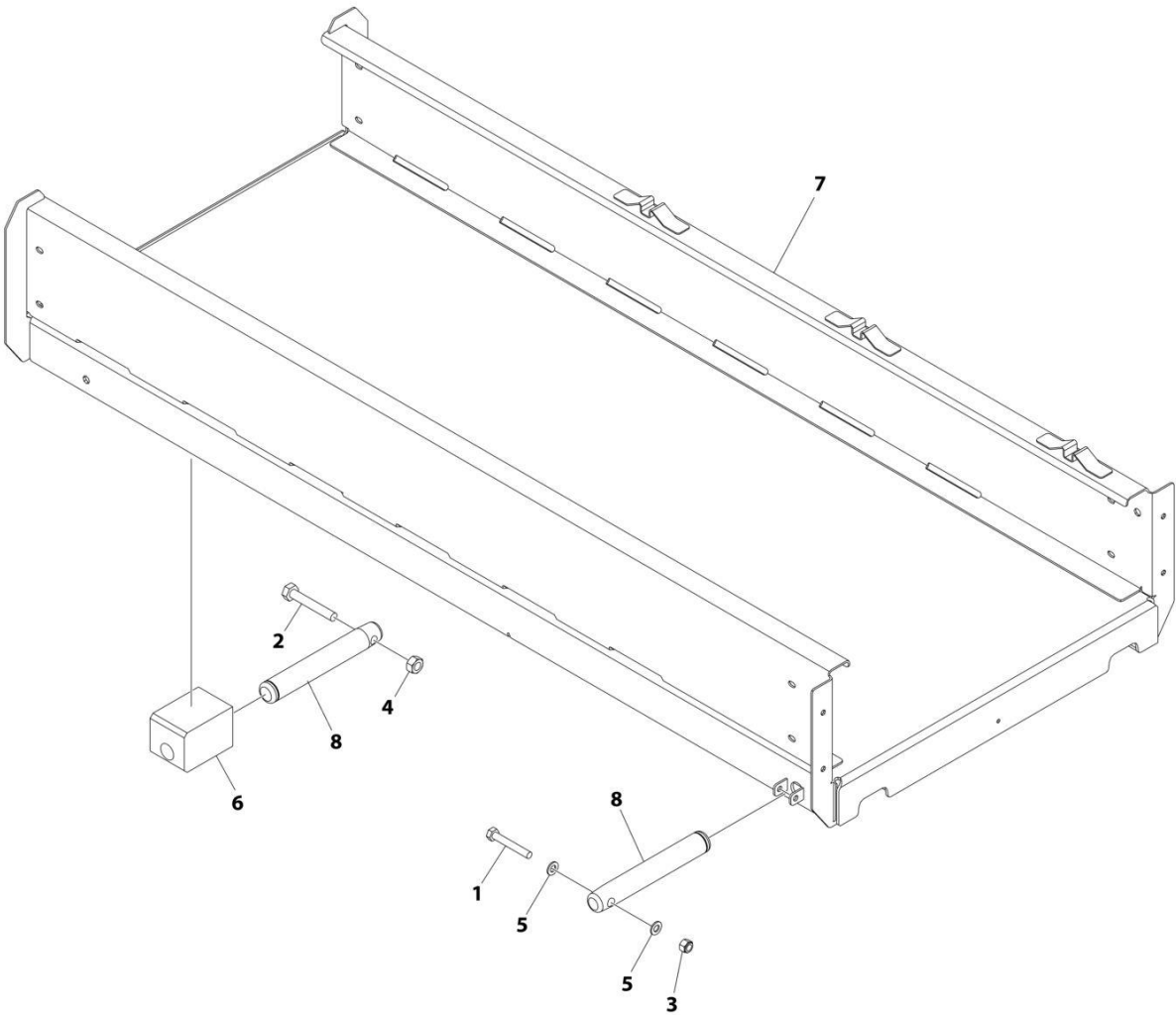
SECTION 4 - PLATFORM

FIGURE 4-3. PLATFORM INSTALLATION - R1932/R1932i

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205709	Ref	PLATFORM INSTALLATION	C
1	0700819	2	Bolt M8 x 55	
2	0701021	2	Bolt M10 x 65	
3	3290805	2	Nut M8	
4	3291007	2	Nut M10	
5	4811900	4	Washer M8	
6	1001203443	4	Pin	
7	1001205156	2	Block, Slide	
8	1001235541	1	Platform	

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FIGURE 4-4. PLATFORM INSTALLATION (MACHINES WITH SN STARTING WITH G2)



ART_1001276705

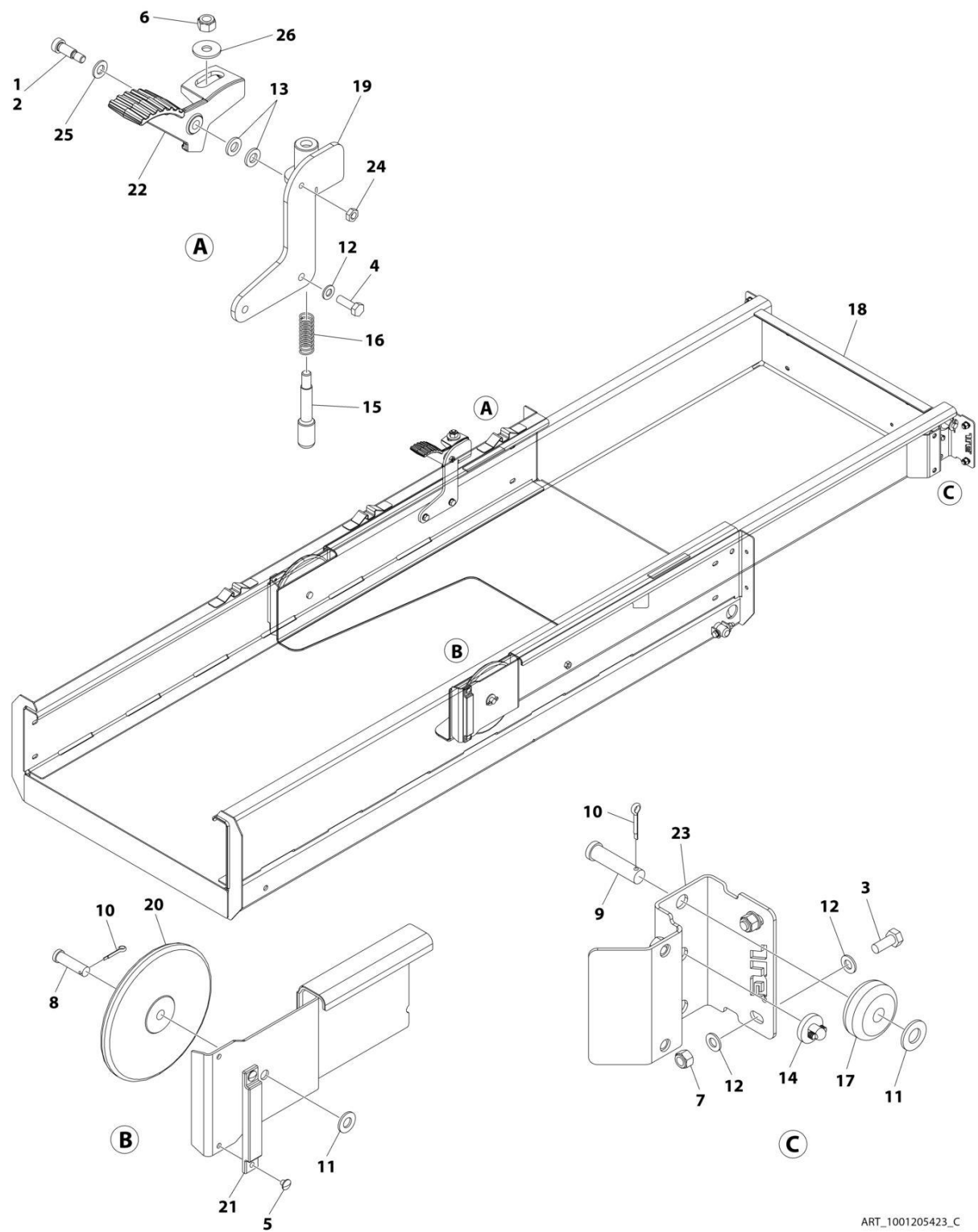
SECTION 4 - PLATFORM

FIGURE 4-4. PLATFORM INSTALLATION (MACHINES WITH SN STARTING WITH G2)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276705	Ref	PLATFORM INSTALLATION	A
1	0700819	2	Bolt M8 x 55	
2	0701021	2	Bolt M10 x 65	
3	3290805	2	Nut M8	
4	3291007	2	Nut M10	
5	4811900	4	Washer M8	
6	1001205156	2	Block, Slide	
7	1001235541	1	Platform	
8	1001276707	4	Pin	

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FIGURE 4-5. PLATFORM EXTENSION INSTALLATION



ART_1001205423_C

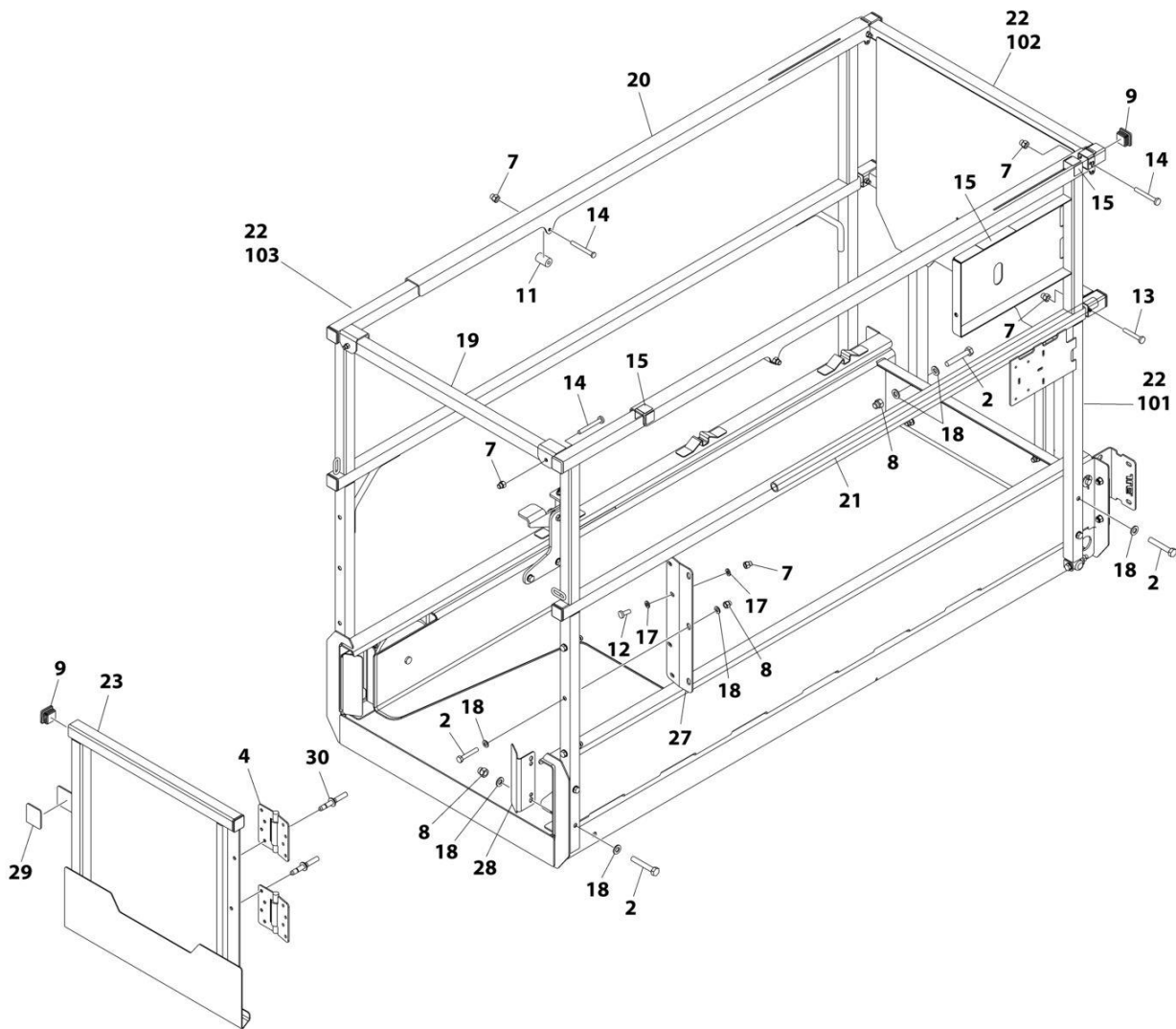
SECTION 4 - PLATFORM

FIGURE 4-5. PLATFORM EXTENSION INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205423	Ref	PLATFORM EXTENSION INSTALLATION	C
1	0100011	AR	Compound, Locking	
2	0630183	1	Screw 3/8 x 1	
3	0760810	4	Bolt M8 x 20	
4	0760812	2	Bolt M8 x 25	
5	2080040	4	Fastener	
6	3290605	AR	Nut M6	
6	3291005	AR	Nut M10	
7	3290805	4	Nut M8	
8	3430814	2	Pin	
9	3430816	2	Pin	
10	3450403	4	Pin, Cotter 1/8 x 3/4	
11	4711800	4	Washer 1/2	
12	4811900	11	Washer M8	
13	5241000	5	Washer M10	
14	1001137675	2	Bumper	
15	1001221476	1	Rod	
16	1001221475	1	Spring	
17	1001205422	2	Roller (Front)	
18	1001205424	1	Extension, Platform	
19	1001236129	1	Bracket	
20	1001205430	2	Roller (Rear)	
21	1001208852	2	Pad	
22	1001217043	1	Plate	
23	1001210064	2	Support	
24	3311502	1	Nut 5/16	
25	4812000	AR	Washer M10	
26	4812002	AR	Washer M10	

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FIGURE 4-6. RAILS INSTALLATION - FIXED RAILS/GATE ENTRY (INSIDE TUBE SLIDER)



ART_1001207806_F

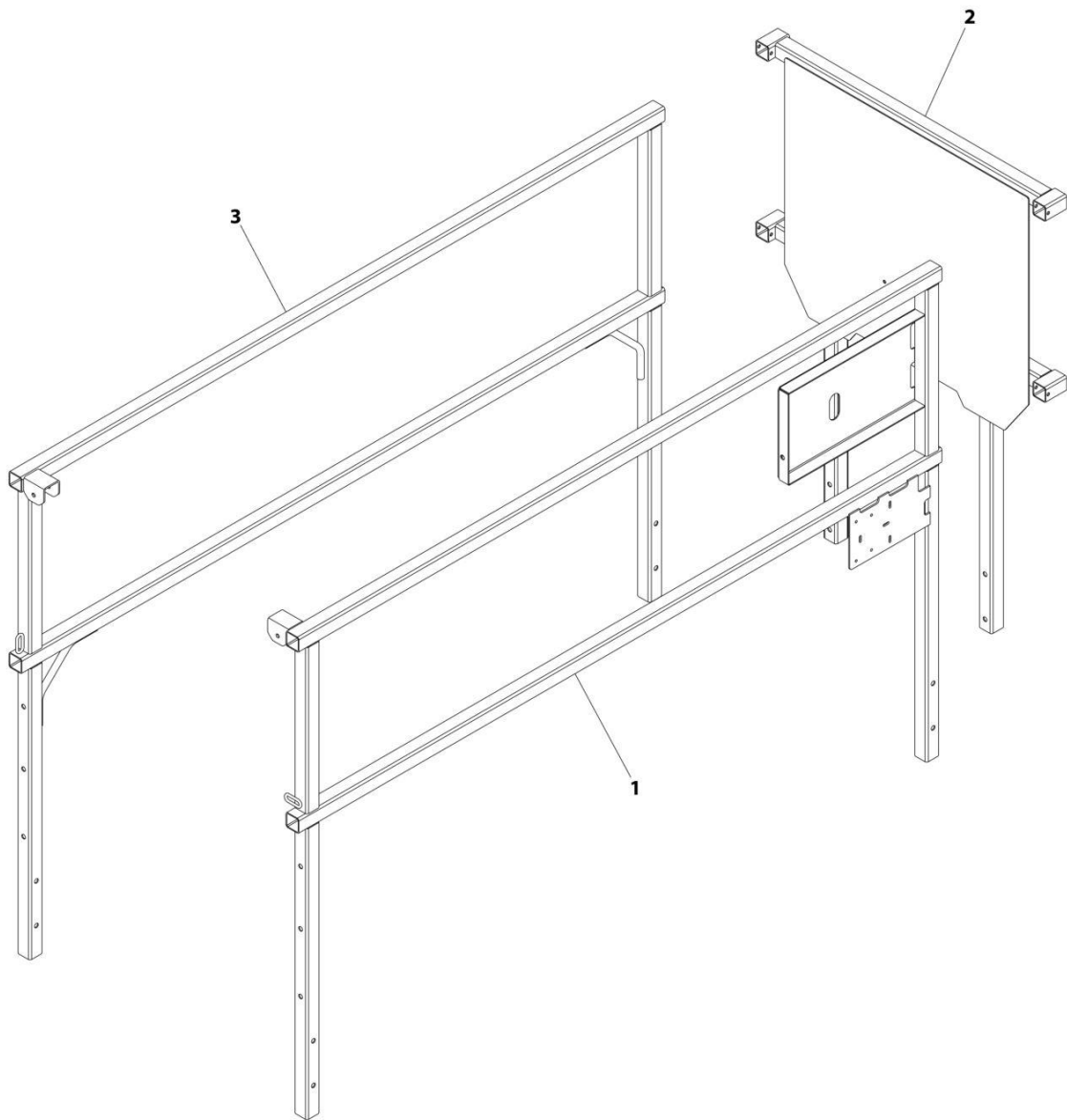
SECTION 4 - PLATFORM

FIGURE 4-6. RAILS INSTALLATION - FIXED RAILS/GATE ENTRY (INSIDE TUBE SLIDER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207806	Ref	RAILS INSTALLATION - FIXED RAILS/GATE ENTRY (INSIDE TUBE SLIDER)	F
2	0700818	15	Bolt M8 x 50	
4	2600281	2	Hinge	
7	3290606	12	Nut M6	
8	3290806	11	Nut M8	
9	3520072	10	Plug	
11	3860111	2	Roller	
12	4010608	4	Screw M6 x 16	
13	4010616	2	Screw M6 x 40	
14	4010618	6	Screw M6 x 50	
15	4420062	1.3 ft/ 40cm	Tape	
17	4811700	8	Washer M6	
18	4811900	28	Washer M8	
19	1001206224	1	Tube (Rear)	
20	1001206225	2	Rail, Top Slide	
21	1001206226	2	Rod	
22	1001206228	1	Rail Kit - Fixed Rails (See Items 101-103 for Breakdown))	
23	1001210302	1	Gate	
27	1001210586	1	Plate, Gate Hinge	
28	1001210963	2	Cover	
29	3080007	1	Magnet, Latch	
30	2080040	4	Fastener	
	1001206228	Ref	RAIL KIT - FIXED RAILS	H
101	1001206207	1	Rail, Side	
102	1001206217	1	Rail, Front	
103	1001206222	1	Rail, Side	

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FIGURE 4-7. RAIL KIT - FIXED RAILS (INSIDE TUBE SLIDER)



ART_1001206228

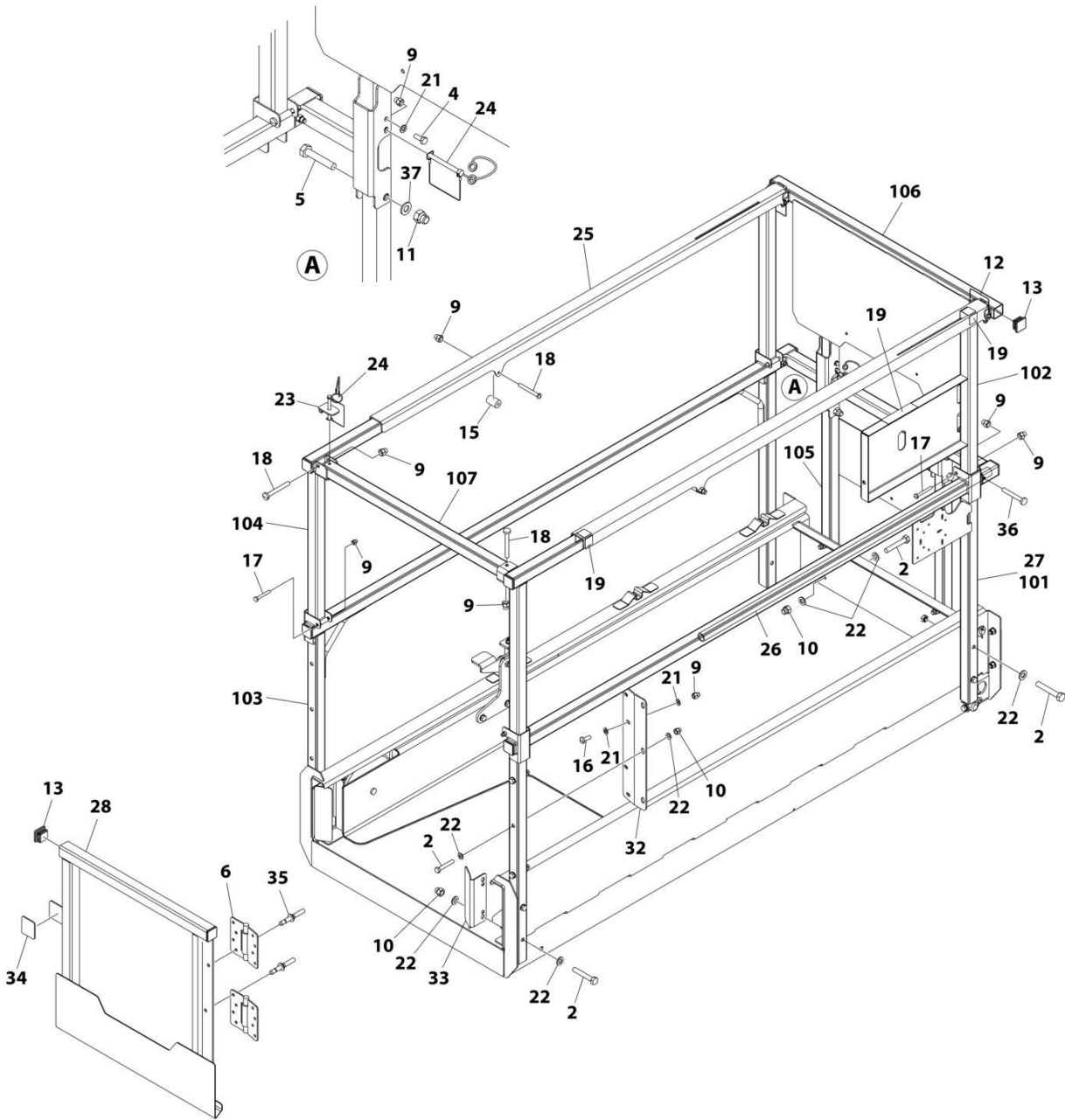
SECTION 4 - PLATFORM

FIGURE 4-7. RAIL KIT - FIXED RAILS (INSIDE TUBE SLIDER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206228	Ref	RAIL KIT - FIXED RAILS (INSIDE TUBE SLIDER)	H
1	1001206207	1	Rail (Right)	
2	1001206217	1	Rail Extension (Front)	
3	1001206222	1	Rail (Left)	

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FIGURE 4-8. RAILS INSTALLATION - FOLD-DOWN RAILS/GATE ENTRY (INSIDE TUBE SLIDER)



ART_1001207807_E

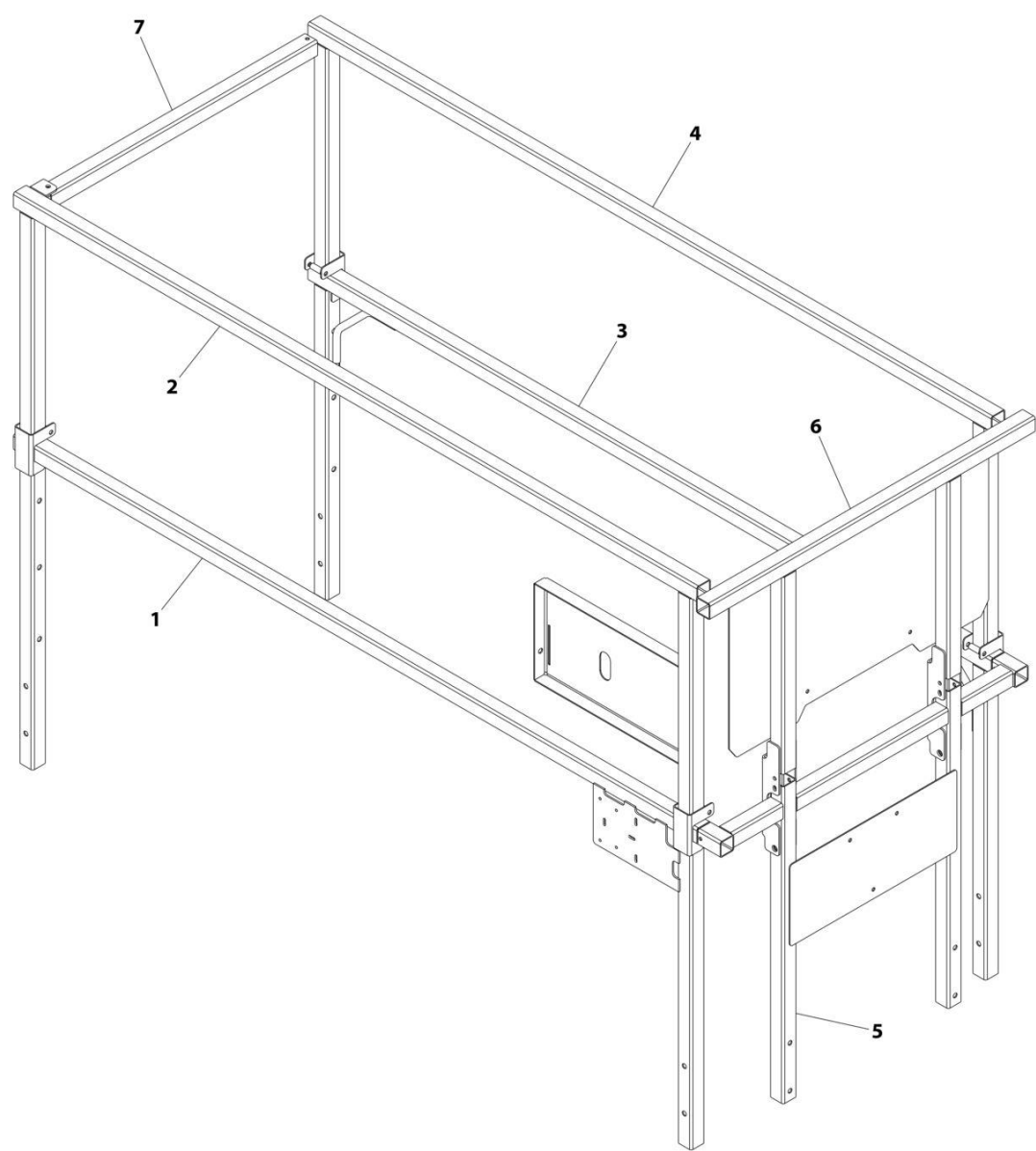
SECTION 4 - PLATFORM

FIGURE 4-8. RAILS INSTALLATION - FOLD-DOWN RAILS/GATE ENTRY (INSIDE TUBE SLIDER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207807	Ref	RAILS INSTALLATION - FOLD-DOWN RAILS/GATE ENTRY (INSIDE TUBE SLIDER)	E
2	0700818	15	Bolt M8 x 50	
4	0760608	2	Bolt M6 x 16	
5	0761019	2	Bolt M10 x 55	
6	2600281	2	Hinge	
9	3290606	16	Nut M6	
10	3290806	11	Nut M8	
11	3291006	2	Nut M10	
12	3422219	2	Pin	
13	3520072	10	Plug	
15	3860111	2	Roller	
16	4010608	4	Screw M6 x 16	
17	4010617	4	Screw M6 x 45	
18	4010618	4	Screw M6 x 50	
19	4420062	1.3 ft/ 40cm	Tape	
21	4811700	10	Washer M6	
22	4811900	26	Washer M8	
23	1001154378	1	Bracket	
24	1001187587	3	Pin	
25	1001206225	2	Rail, Top Slide	
26	1001206226	2	Rod	
27	1001208073	1	Rail Kit - Fold-Down Rails (Includes Items 101-107)	
28	1001210302	1	Gate	
32	1001210586	1	Plate, Gate Hinge	
33	1001210963	2	Cover	
34	3080007	1	Magnet	
35	2080040	4	Fastener	
36	4010616	4	Screw M6 x 40	
37	4812000	2	Washer M10	
101	1001210442	1	Rail - Lower (Right)	
102	1001210443	1	Rail - Upper (Right)	
103	1001210444	1	Rail - Lower (Left)	
104	1001210445	1	Rail - Upper (Left)	
105	1001210446	1	Rail - Extension Lower (Front)	
106	1001210447	1	Rail - Extension Upper (Front)	
107	1001210458	1	Rail (Rear)	

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FIGURE 4-9. RAIL KIT - FOLD-DOWN RAILS (INSIDE TUBE SLIDER)



ART_1001208073

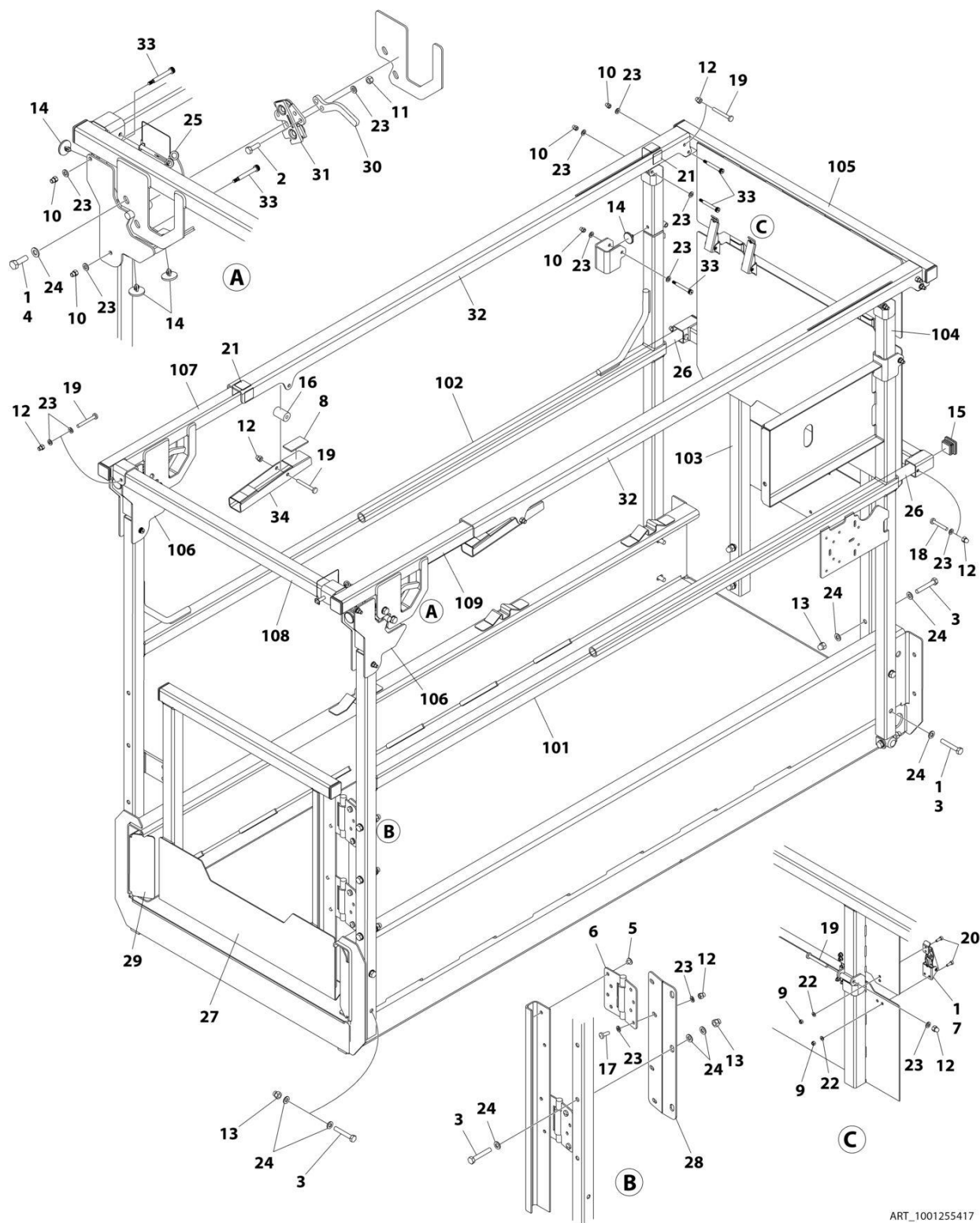
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FIGURE 4-9. RAIL KIT - FOLD-DOWN RAILS (INSIDE TUBE SLIDER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001208073	Ref	RAIL KIT - FOLD-DOWN RAILS (INSIDE TUBE SLIDER)	B
1	1001210442	1	Rail - Lower (Right)	
2	1001210443	1	Rail - Upper (Right)	
3	1001210444	1	Rail - Lower (Left)	
4	1001210445	1	Rail - Upper (Left)	
5	1001210446	1	Rail - Extension Lower (Front)	
6	1001210447	1	Rail - Extension Upper (Front)	
7	1001210458	1	Rail (Rear)	

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FIGURE 4-10. RAILS INSTALLATION - FOLD-DOWN RAILS/GATE ENTRY (QUIK FOLD) (INSIDE TUBE SLIDER)



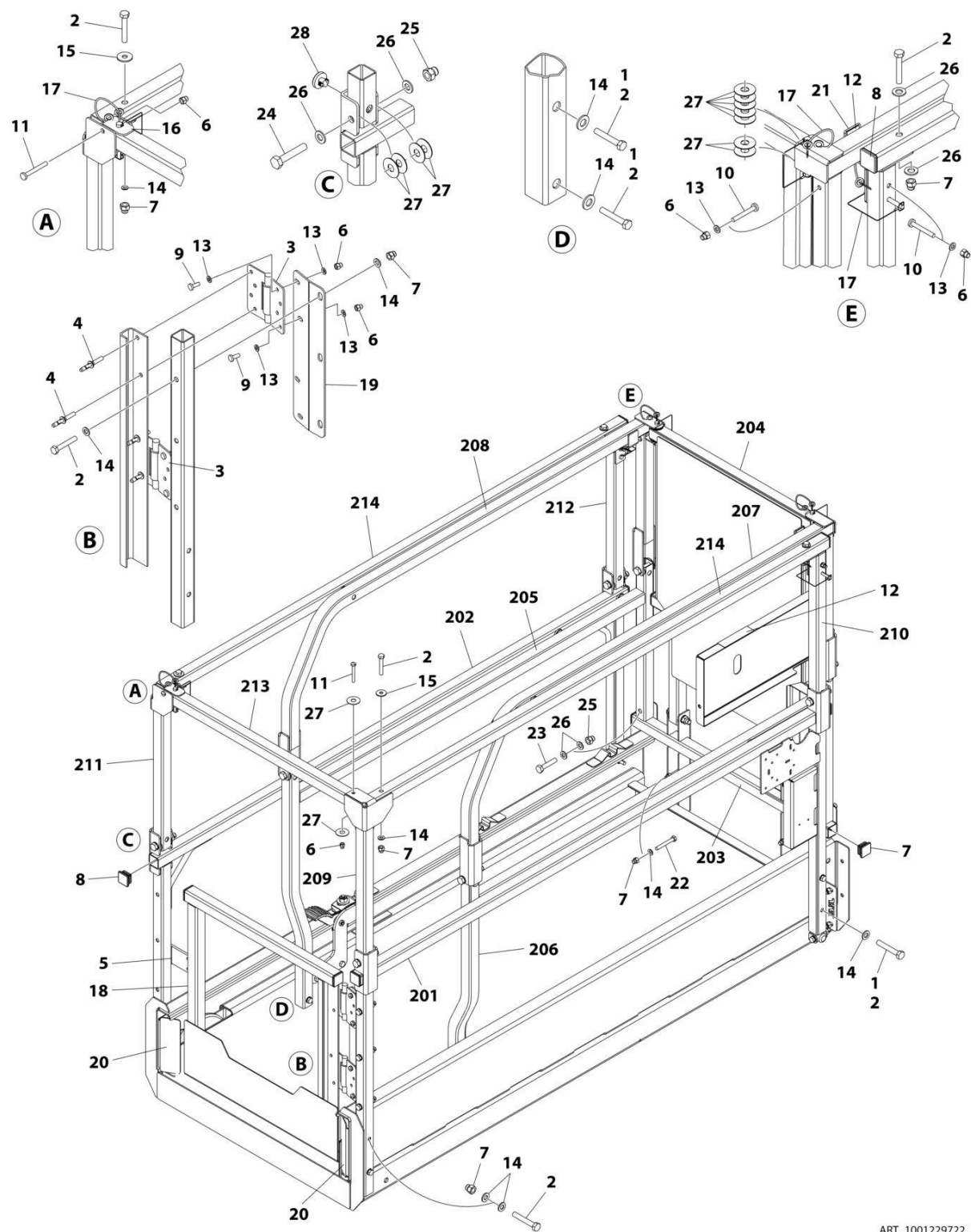
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FIGURE 4-10. RAILS INSTALLATION - FOLD-DOWN RAILS/GATE ENTRY (QUIK FOLD) (INSIDE TUBE SLIDER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001255417	Ref	RAILS INSTALLATION - FOLD-DOWN RAILS/GATE ENTRY (QUIK FOLD) (INSIDE TUBE SLIDER)	E
1	0100011	AR	Compound, Locking	D
2	0700610	4	Bolt M6 x 20	
3	0700818	15	Bolt M8 x 50	
4	0700812	4	Bolt M8 x 25	
5	2080040	4	Fastener	
6	2600281	2	Hinge	
7	2940129	2	Latch	
8	3080007	3	Magnet	
9	3290405	8	Nut M4	
10	3290506	10	Nut M5	
11	3290605	4	Nut M6	
12	3290606	13	Nut M6	
13	3290806	11	Nut M8	
14	3340962	8	Pad	
15	3520072	10	Plug	
16	3860111	2	Roller	
17	4010608	4	Screw M6 x 16	
18	4010616	2	Screw M6 x 40	
19	4010618	7	Screw M6 x 50	
20	4031506	8	Bolt M4 x 12	
21	4420062	1.3 ft /40cm	Tape	
22	4811400	8	Washer M4	
23	4811700	38	Washer M6	
24	4811900	33	Washer M8	
25	1001187587	1	Pin	
26	1001206226	2	Rod	
27	1001210302	1	Gate	
28	1001210586	1	Plate, Gate Hinge	
29	1001210963	2	Cover	
30	1001259102	1	Plate, Latch Trigger	
31	1001255470	1	Latch Assembly	
32	1001255505	2	Rail, Top Slide	
33	1001256657	10	Bolt M6 x 40	
34	1001261149	2	Handle	
100	1001255420	1	Rail Kit (Not Shown)	
101	1001255421	1	Rail (Right Platform)	
102	1001255428	1	Rail (Left Platform)	
103	1001255430	1	Rail (Platform Extension)	
104	1001255442	2	Tube (Rail Hinge)	
105	1001255457	1	Rail (Upper Extension)	
106	1001259105	2	Rail (Latch Assembly)	
107	1001259106	1	Rail (Upper)	
108	1001255491	1	Tube (Upper Extension)	
109	1001259107	1	Rail (Upper)	

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FIGURE 4-11. RAILS INSTALLATION - FOLD-DOWN RAILS/GATE ENTRY (OUTSIDE TUBE SLIDER)



ART_1001229722_E

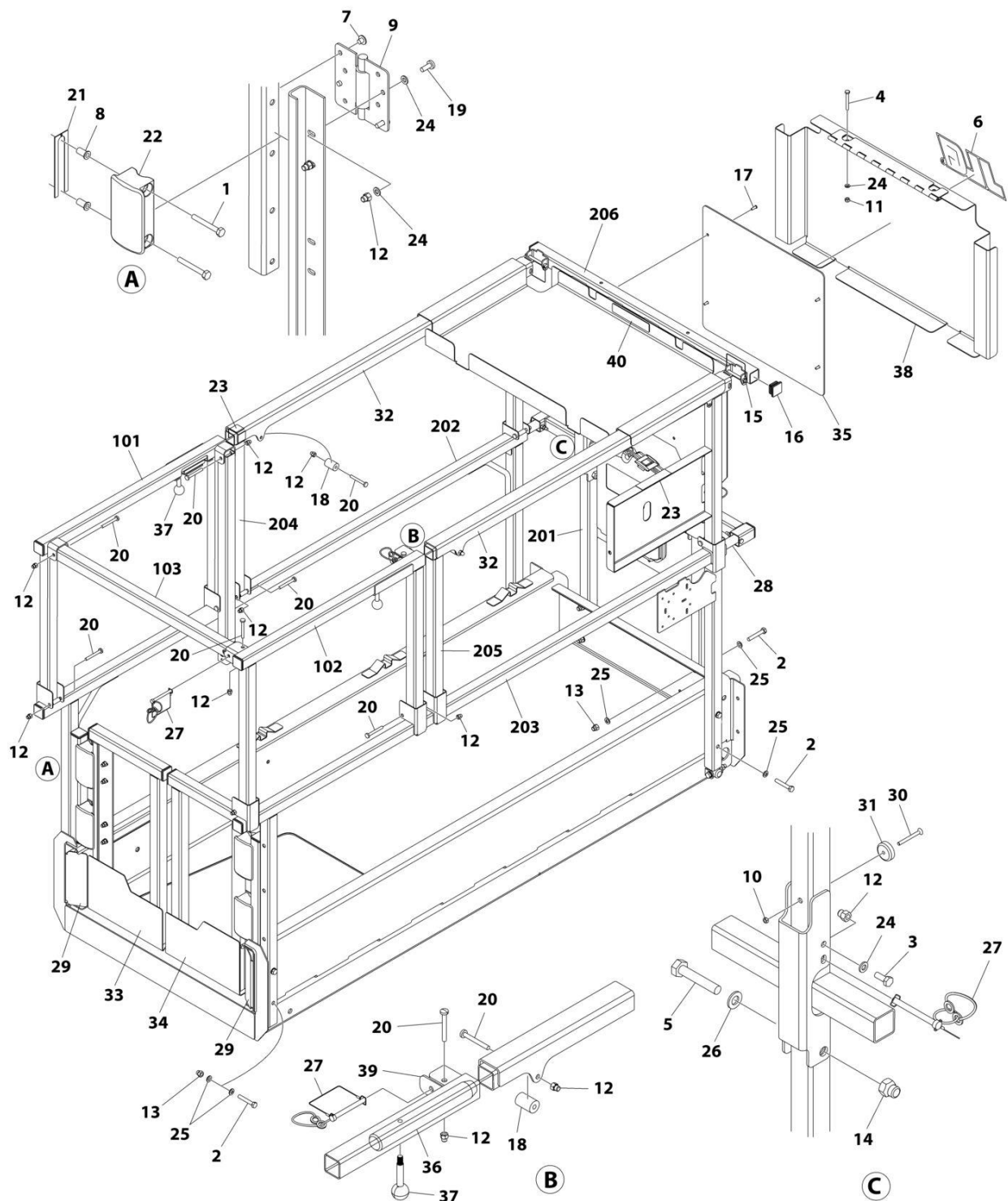
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FIGURE 4-11. RAILS INSTALLATION - FOLD-DOWN RAILS/GATE ENTRY (OUTSIDE TUBE SLIDER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229722	Ref	RAILS INSTALLATION - FOLD-DOWN RAILS/GATE ENTRY	E
1	0100011	AR	Compound, Locking	
2	0700818	AR	Bolt M8 x 50	
3	2600281	2	Hinge	
4	2080040	4	Fastener	
5	3080007	1	Magnet	
6	3290606	10	Nut M6	
7	3290806	15	Nut M8	
8	3520072	12	Plug	
9	4010608	4	Screw M6 x 16	
10	4010617	4	Screw M6 x 45	
11	4010618	2	Screw M6 x 50	
12	4420062	15 in/ 37cm	Tape	
13	4811700	12	Washer M6	
14	4811900	28	Washer M8	
15	4811902	2	Washer M8	
16	1001154378	1	Bracket	
17	1001187587	5	Pin, Snapper w/Lanyard	
18	1001210302	1	Gate	
19	1001210586	1	Plate, Gate Support	
20	1001210963	2	Cover (LH)	
21	1001232257	2	Brace	
22	0700820	AR	Bolt M8 x 60	
23	0701018	2	Bolt M10 x 50	
24	0701019	10	Bolt M10 x 55	
25	3291006	12	Nut M10	
26	4812000	28	Washer M10	
27	1001211895	52	Washer	
28	1001137675	14	Bumper	
200	1001272023	1	Rail Kit (Dual, FD, SCG) (Includes Items 201-214)	
201	1001271892	Ref	Rail (Side Lower Right)	
202	1001271897	Ref	Rail (Side Lower Left)	
203	1001271898	Ref	Rail (Extension Front Lower)	
204	1001271902	Ref	Rail (Extension Side Top)	
205	1001271908	Ref	Rail (Extension Lower Left)	
206	1001271912	Ref	Rail (Extension Lower Right)	
207	1001271913	Ref	Rail (Extension Upper Right)	
208	1001271919	Ref	Rail (Extension Upper Left)	
209	1001271921	Ref	Rail (Rear Upper Right)	
210	1001271925	Ref	Rail (Front Upper Right)	
211	1001271929	Ref	Rail (Rear Upper Left)	
212	1001271933	Ref	Rail (Front Upper Left)	
213	1001271935	Ref	Tube (Rear Top Entry)	
214	1001271937	Ref	Tube (Platform Top Rail)	

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FIGURE 4-12. RAILS INSTALLATION - FOLD-DOWN RAILS/GATE ENTRY (NARROW ACCESS)



ART_1001249082

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FIGURE 4-12. RAILS INSTALLATION - FOLD-DOWN RAILS/GATE ENTRY (NARROW ACCESS)

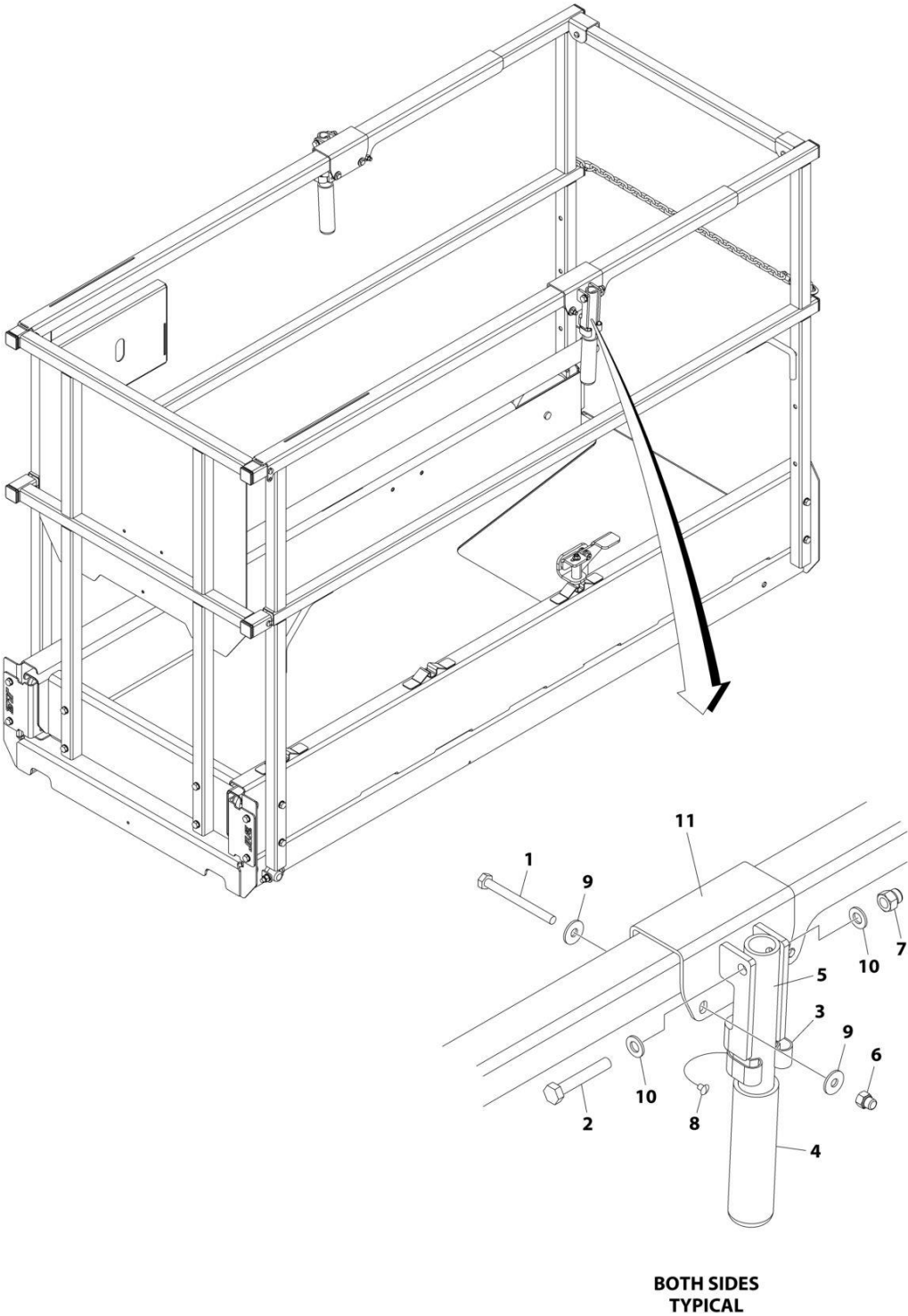
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001249082	Ref	RAILS INSTALLATION - FOLD-DOWN RAILS/GATE ENTRY	C
1	0641416	8	Bolt 1/4 x 2	
2	0700818	12	Bolt M8 x 50	
3	0760608	2	Bolt M6 x 16	
4	0760618	2	Bolt M6 x 50	
5	0761019	2	Bolt M10 x 55	
6	1001256675	1	Decal - JLG	
7	2080040	8	Fastener	
8	2080043	8	Rivnut	
9	2600281	4	Hinge	
10	3290501	2	Nut M5	
11	3290605	2	Nut M6	
12	3290606	26	Nut M6	
13	3290806	8	Nut M8	
14	3291006	2	Nut M10	
15	3422219	2	Pin	
16	3520072	16	Plug	
17	3820032	4	Rivet	
18	3860111	2	Roller	
19	4010608	8	Screw M6 x 16	
20	4010618	16	Screw M6 x 50	
21	4071095	AR	Shim	
22	4220309	4	Stop	
23	4420062	1.5 ft /0.46m	Tape	
24	4811700	20	Washer M6	
25	4811900	20	Washer M8	
26	4812000	2	Washer M10	
27	1001187587	4	Pin	
28	1001206226	2	Rod	
29	1001210963	2	Cover (LH)	
30	1001234395	2	Bolt M5 x 50	
31	1001243528	2	Magnet	
32	1001249114	2	Rail (Upper Slide)	
33	1001251383	1	Gate (Right)	
34	1001251388	1	Gate (Left)	
35	1001254825	1	Panel	
36	1001256471	2	Rail (Platform Extension)	
37	1001257890	2	Knob	
38	1001258528	1	Plate	
39	1001258704	2	Bracket	
40	1001261040	1	Decal - Max Capacity	
100	1001258617	1	Rail Narrow Access Kit (Not Shown)	A
101	1001249109	1	Rail (Upper Left)	
102	1001249111	1	Rail (Upper Right)	
103	1001258620	2	Tube (Drop Bar)	
200	1001258618	1	Rail Narrow Access Kit (Not Shown)	B
201	1001210446	1	Rail (Lower Extension)	
202	1001249096	1	Rail (Lower Left)	
203	1001249107	1	Rail (Lower Right)	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
204	1001249110	1	Rail (Upper Left)	
205	1001249112	1	Rail (Upper Right)	
206	1001258411	1	Rail (Upper Extension)	

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FIGURE 4-13. HANDLE EXTENSION INSTALLATION (OPTIONAL)



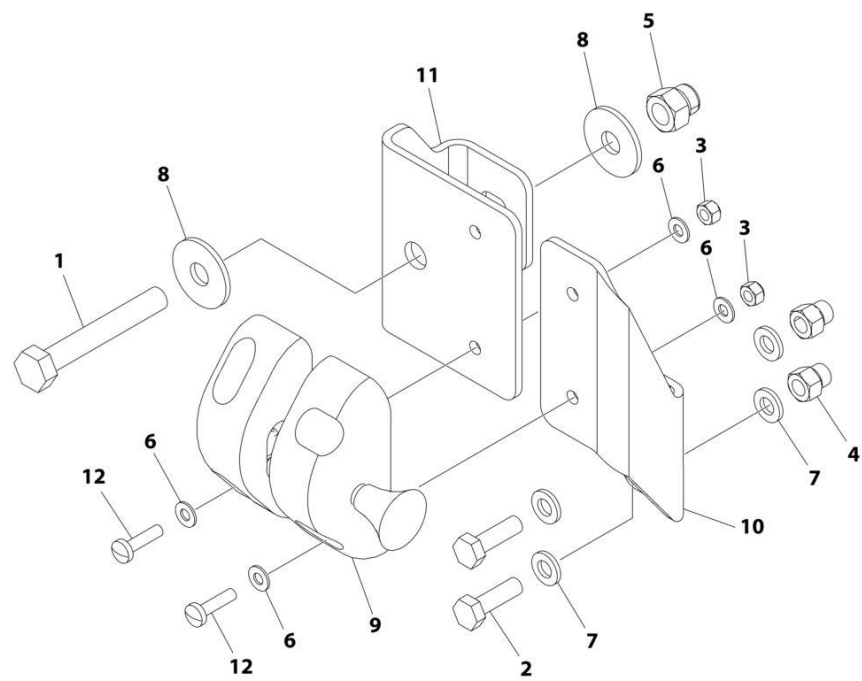
ART_1001222587

FIGURE 4-13. HANDLE EXTENSION INSTALLATION (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222587	Ref	HANDLE EXTENSION INSTALLATION (OPTIONAL)	B
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	

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FIGURE 4-14. GATE LATCH INSTALLATION - OPTIONAL



ART_1001220995

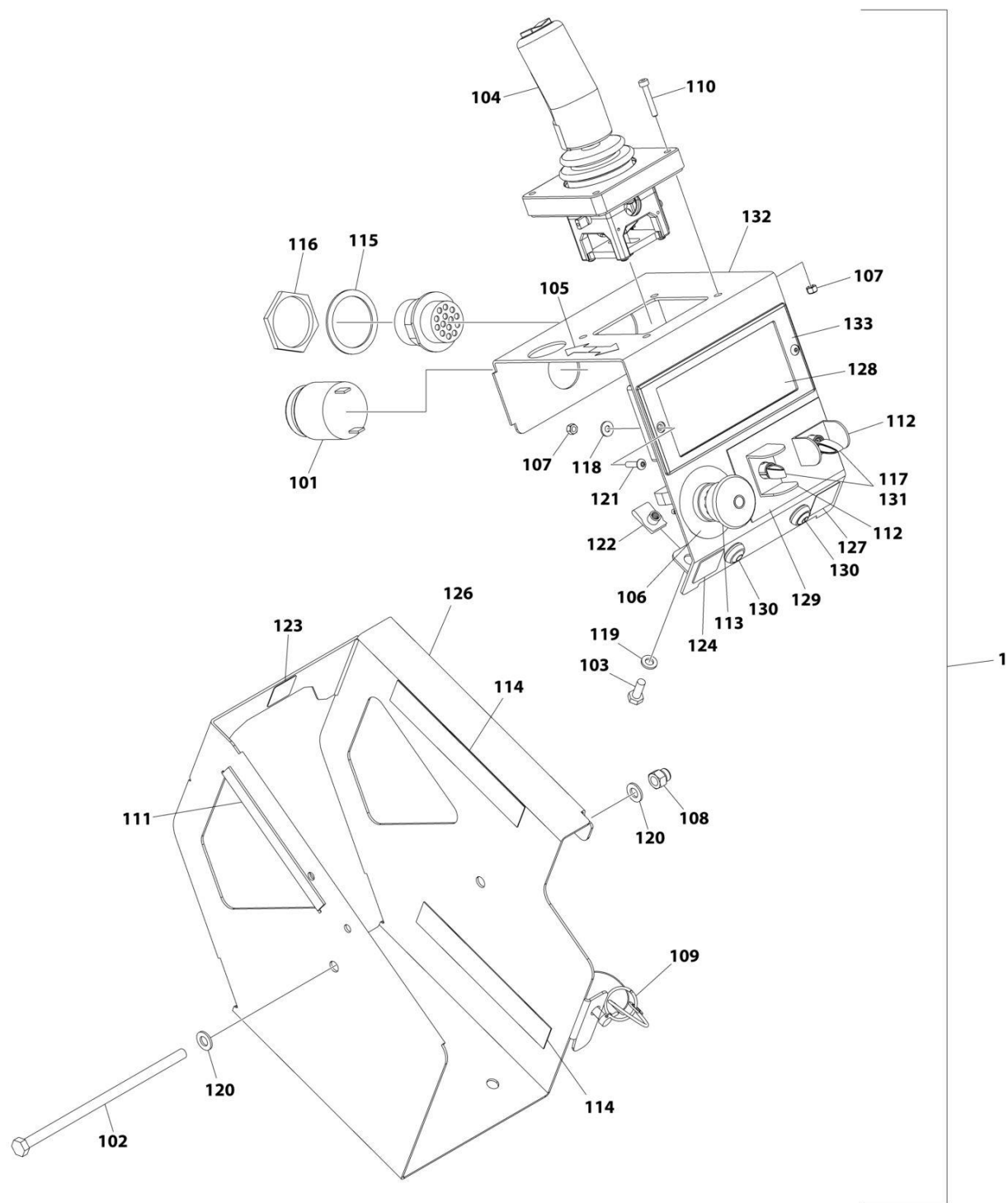
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FIGURE 4-14. GATE LATCH INSTALLATION - OPTIONAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220995	Ref	GATE LATCH INSTALLATION	B
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	

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FIGURE 4-15. PLATFORM CONTROL BOX INSTALLATION - INDOOR ONLY (R1532i/R1932i)



ART_1001274659

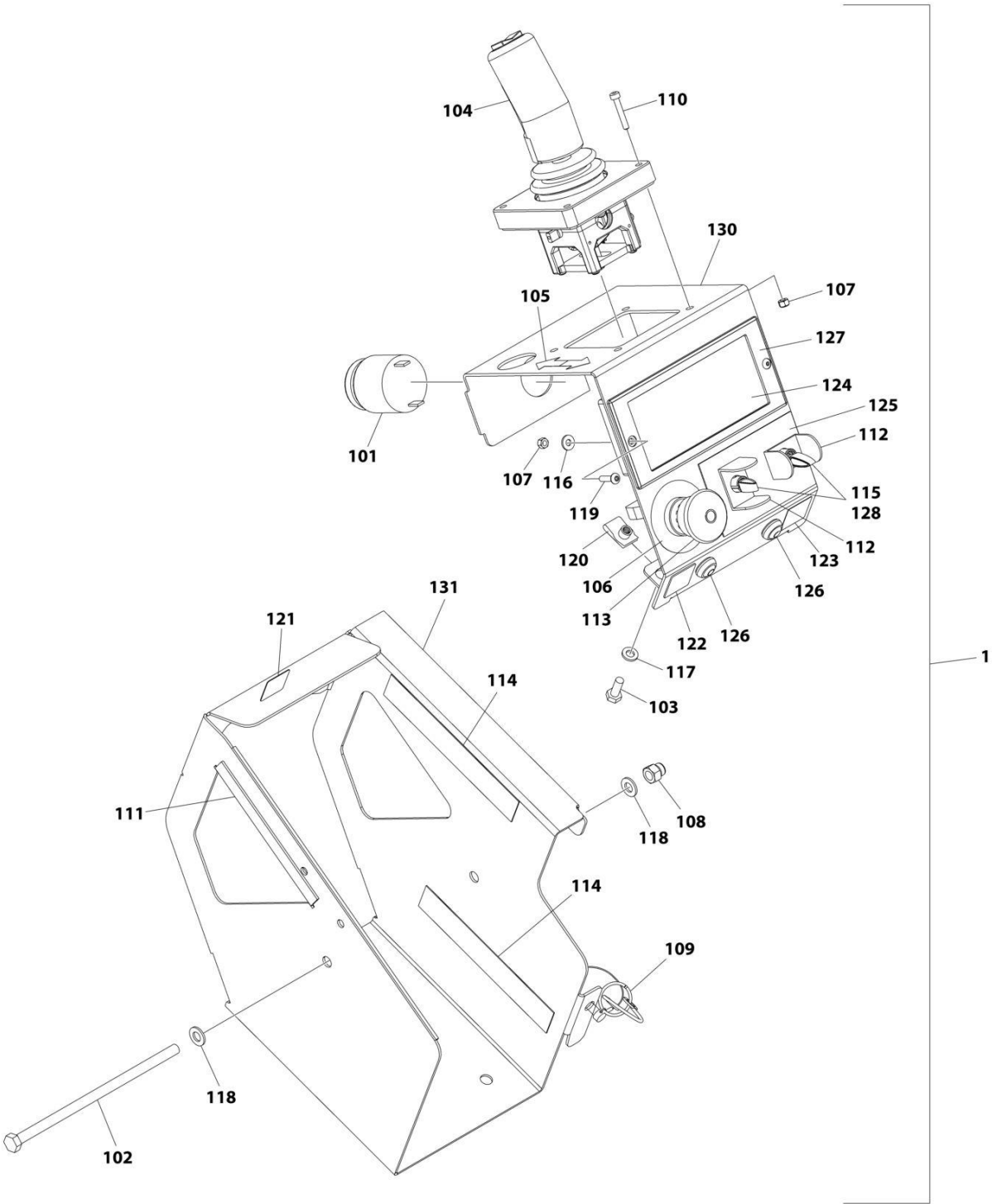
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FIGURE 4-15. PLATFORM CONTROL BOX INSTALLATION - INDOOR ONLY (R1532I/R1932I)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274659	Ref	PLATFORM CONTROL INSTALLATION (LED)	A
1	1001274604	1	Platform Control Box	B
101	0140030	1	Alarm	
102	0700835	1	Bolt M8 x 180	
103	0760610	2	Bolt M6 x 20	
104	1600402	1	Controller Assembly (See Separate Breakdown in this Section)	
105	1703819	1	Decal - Arrow	
106	1704260	1	Decal - Emergency Stop	
107	3290405	6	Nut M4	
108	3290806	1	Nut M8	
109	3423278	1	Pin, Snap with Lanyard	
110	4031509	4	Capscrew M4 x 25	
111	4060803	6 in/ 14cm	Flex-Trim	
112	4060906	2	Guard, Switch	
113	4360475	1	Switch, Emergency Stop	
113	7020175	1	Cap	
113	7020176	1	Block, Contact	
114	4420062	12 in/ 30cm	Tape	
115	4460496	1	Washer, Terminal	
116	4460497	1	Nut, Terminal	
117	4711700	2	Washer 7/16	
118	4811400	2	Washer M4	
119	4811700	2	Washer M6	
120	4811900	2	Washer M8	
121	1001047064	2	Screw M4 x 15	
122	1001130220	2	Nut, Tinnerman M6	
123	1001132358	1	Decal - Steer	
124	1001132361	1	Decal - Horn	
125	1001200819	1	Platform Control Box Harness (Not Shown) (See Separate Breakdown in ELECTRICAL Section)	
126	1001209596	1	Plate, Box (Outside)	
127	1001213886	1	Decal - Indoor/Outdoor	
128	1001218285	1	Decal - Platform Control	
129	1001220893	1	Decal - Lift/Drive Function	
130	1001226749	2	Switch, Push Button	
131	1001258446	2	Switch, Toggle	
132	1001262655	1	Plate, Box (Inside)	
133	1001274605	1	Module, Platform Control	

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FIGURE 4-16. PLATFORM CONTROL BOX INSTALLATION (R1932)



ART_1001274660

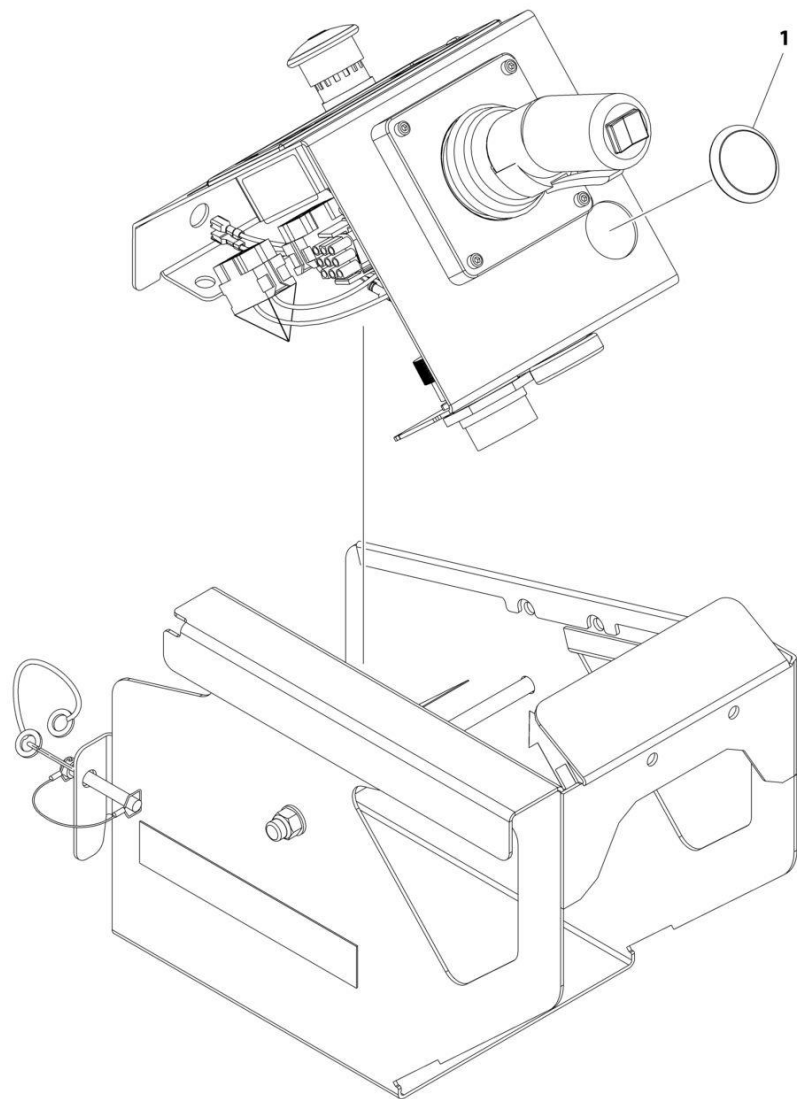
SECTION 4 - PLATFORM

FIGURE 4-16. PLATFORM CONTROL BOX INSTALLATION (R1932)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274660	Ref	PLATFORM CONTROL INSTALLATION	A
1	1001274613	1	Platform Control Box	C
101	0140030	1	Alarm	
102	0700835	1	Bolt M8 x 180	
103	0760610	2	Bolt M6 x 20	
104	1600402	1	Controller Assembly (See Separate Breakdown in this Section)	
105	1703819	1	Decal - Arrow	
106	1704260	1	Decal - Emergency Stop	
107	3290405	6	Nut M4	
108	3290806	1	Nut M8	
109	3423278	1	Pin, Snap with Lanyard	
110	4031509	4	Capscrew M4 x 25	
111	4060803	6 in /14 cm	Flex-Trim	
112	4060906	2	Guard, Switch	
113	1001274559	1	Switch, Emergency Stop (Plastic)	
114	4420062	12 in /30 cm	Tape	
115	4711700	2	Washer 7/16	
116	4811400	2	Washer M4	
117	4811700	2	Washer M6	
118	4811900	2	Washer M8	
119	1001047064	2	Screw M4 x 15	
120	1001130220	2	Nut, Tinnerman M6	
121	1001132358	1	Decal - Steer	
122	1001132361	1	Decal - Horn	
123	1001213886	1	Decal - Indoor/Outdoor	
124	1001218285	1	Decal - Platform Control	
125	1001220893	1	Decal - Lift/Drive Function	
126	1001226749	2	Switch, Push Button	
127	1001228112	1	Module, Platform Control	
128	1001258446	2	Switch, Toggle	
129	1001291630	1	Platform Control Box Harness (Not Shown) (See Separate Breakdown in ELECTRICAL Section)	
130	1001270470	1	Plate, Box (Inside)	
131	1001270471	1	Plate, Box (Outside)	

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FIGURE 4-17. PLATFORM CONTROL PLUG INSTALLATION



ART_1001274661

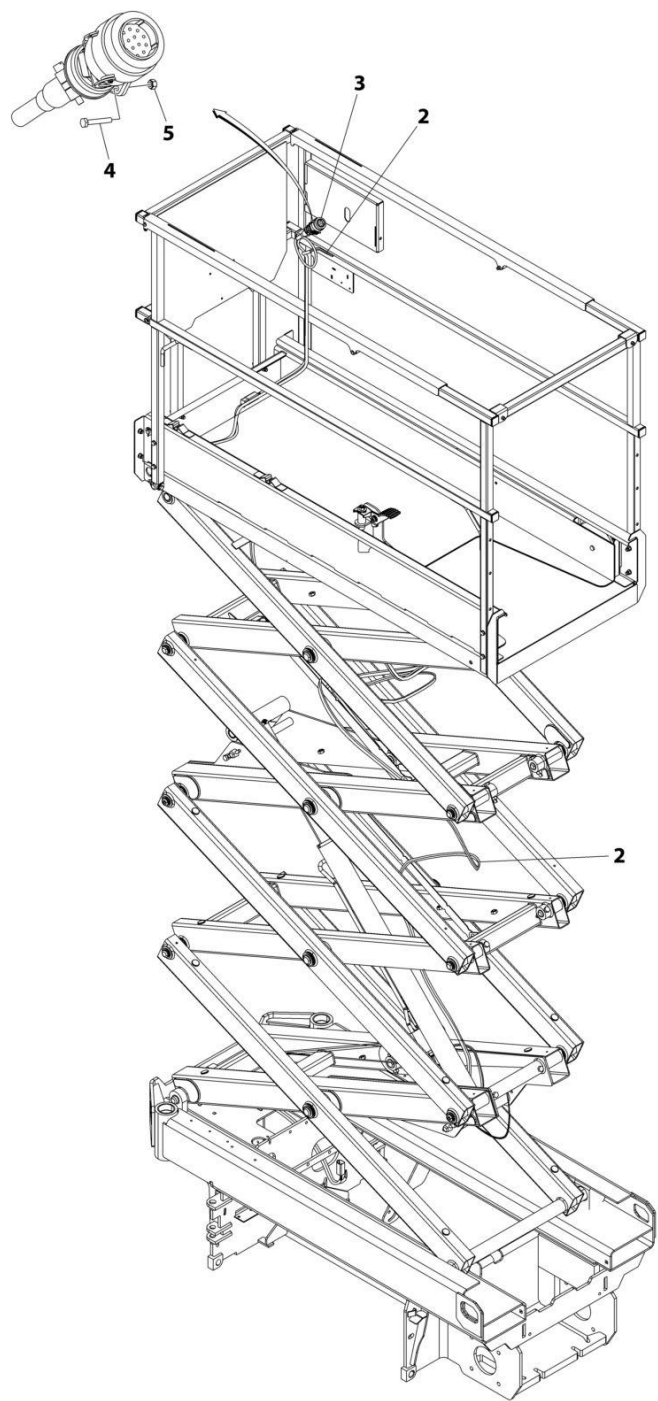
SECTION 4 - PLATFORM

FIGURE 4-17. PLATFORM CONTROL PLUG INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001274661 1001262221	Ref 1	PLATFORM CONTROL PLUG INSTALLATION Plug	A

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FIGURE 4-18. GROUND TO PLATFORM CABLE INSTALLATION - R1932 WITHOUT PLATFORM COIL CABLE (MACHINES WITH SN STARTING WITH G2)



ART_1001270899

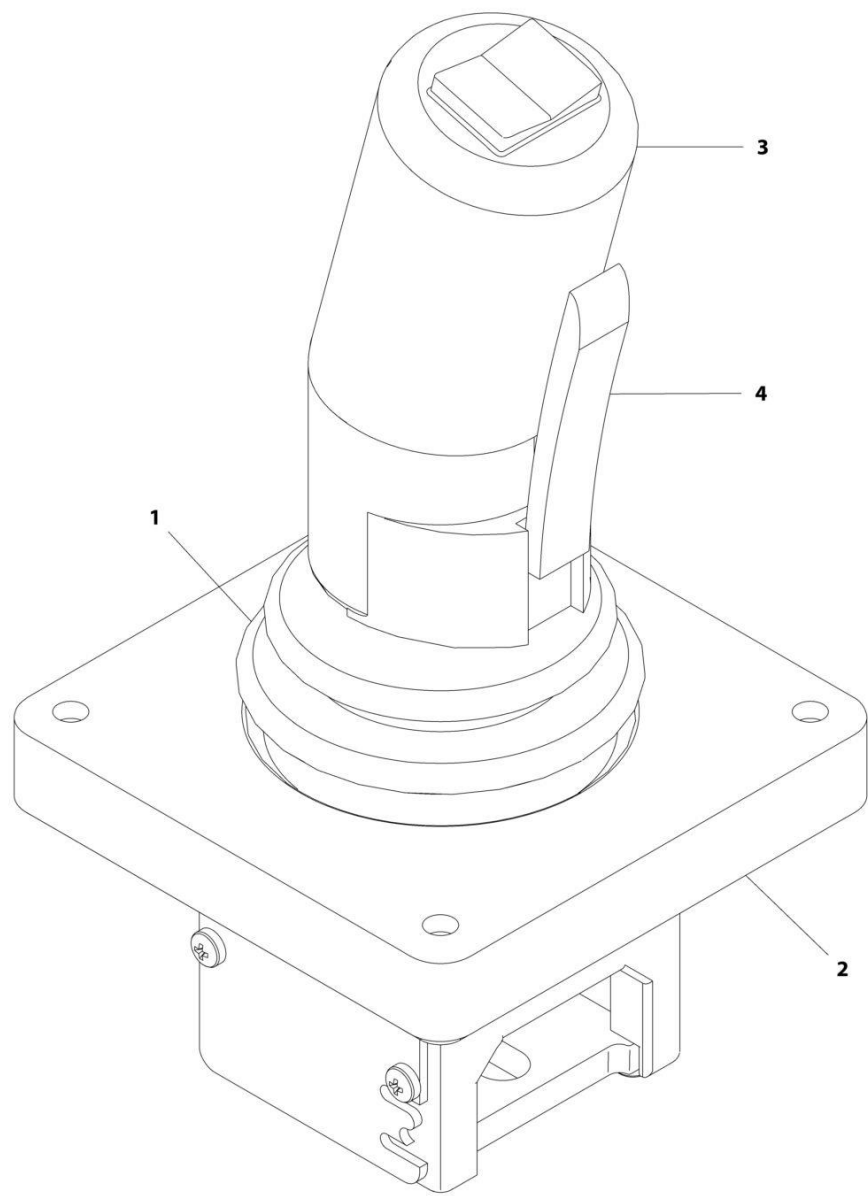
SECTION 4 - PLATFORM

FIGURE 4-18. GROUND TO PLATFORM CABLE INSTALLATION - R1932 WITHOUT PLATFORM COIL CABLE (MACHINES WITH SN STARTING WITH G2)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001270899	Ref	GROUND TO PLATFORM CABLE INSTALLATION	C
1	4240017	AR	Tie-Strap (Not Shown)	
2	1001239544	1	Cable Assembly - Ground to Platform	
2	4460894	1	Plug, Male - 6 Position (To Platform Harness Item 4)	
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	
3	1001270443	1	Platform Harness	
3	4460899	1	Receptacle, Female - 6 Position (To Item 3)	
3	4460464	4	Pin, Male	
3	4460943	2	Pin, Male	
3	1001269947	1	Connector - 14 Position (To Console Box)	
3	1001269944	6	Socket, Female	
3	1001269949	2	Socket, Female	
4	0760310	2	Bolt M3 x 20	
5	3290305	2	Nut M3	

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FIGURE 4-19. DRIVE/STEER CONTROLLER ASSEMBLY



ART_1600402

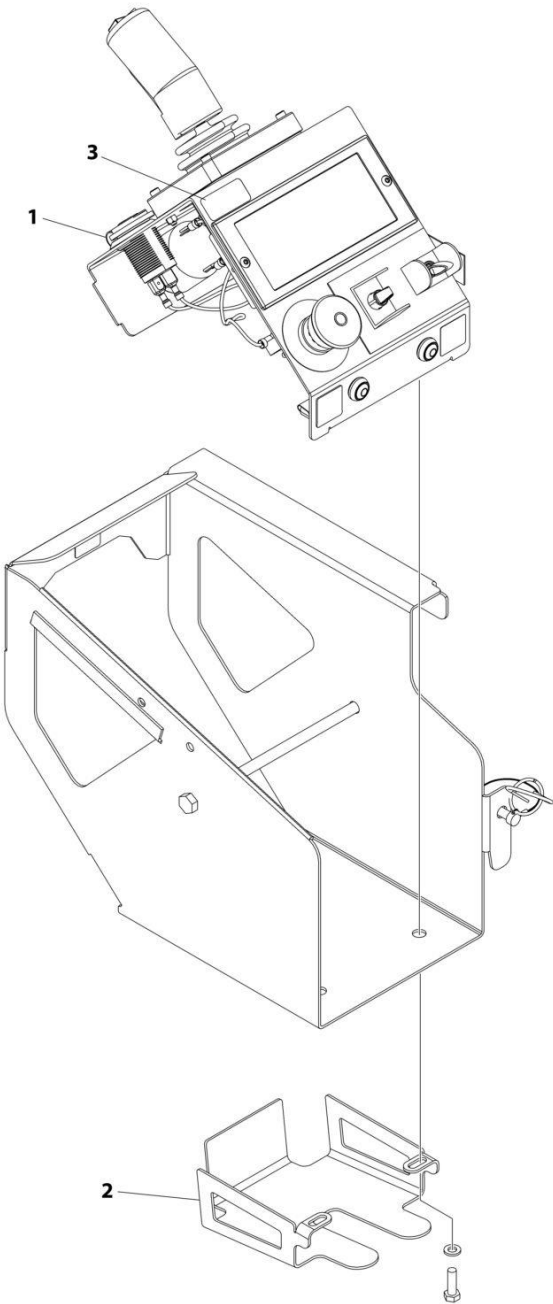
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FIGURE 4-19. DRIVE/STEER CONTROLLER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1600402	Ref	DRIVE/STEER CONTROLLER ASSEMBLY	A
1	70001250	1	Boot, Panel	
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	

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FIGURE 4-20. USB/PHONE CRADLE INSTALLATION



ART_1001262150

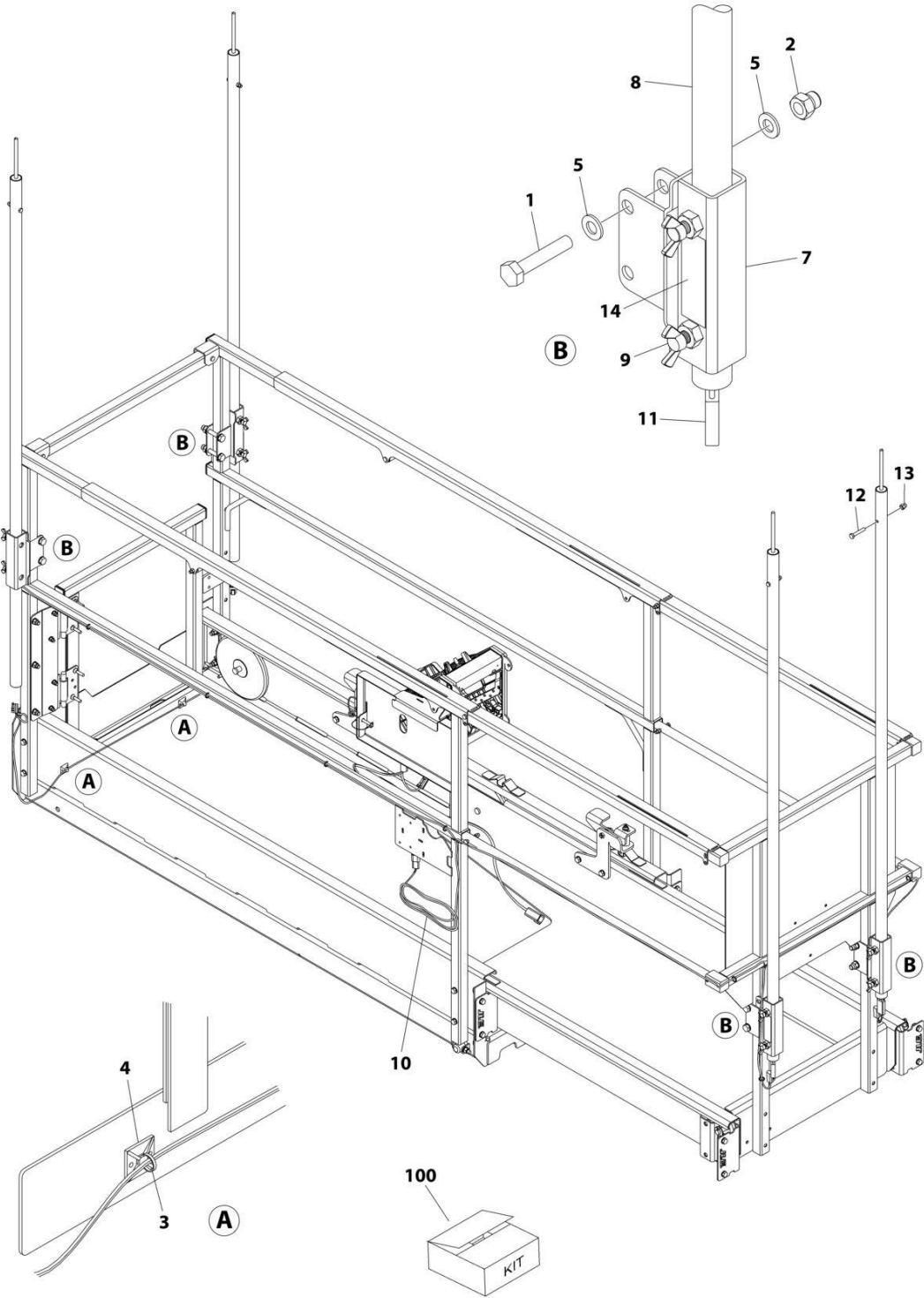
SECTION 4 - PLATFORM

FIGURE 4-20. USB/PHONE CRADLE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001262150	Ref	USB/PHONE CRADLE INSTALLATION	B
1	1001253800	1	Terminal, USB Receptacle	
2	1001261131	1	Bracket, Phone	
3	1001274168	1	Decal, USB Charge	

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FIGURE 4-21. OVERHEAD PROTECTION INSTALLATION (KOREAN SPECS)



ART_1001220216

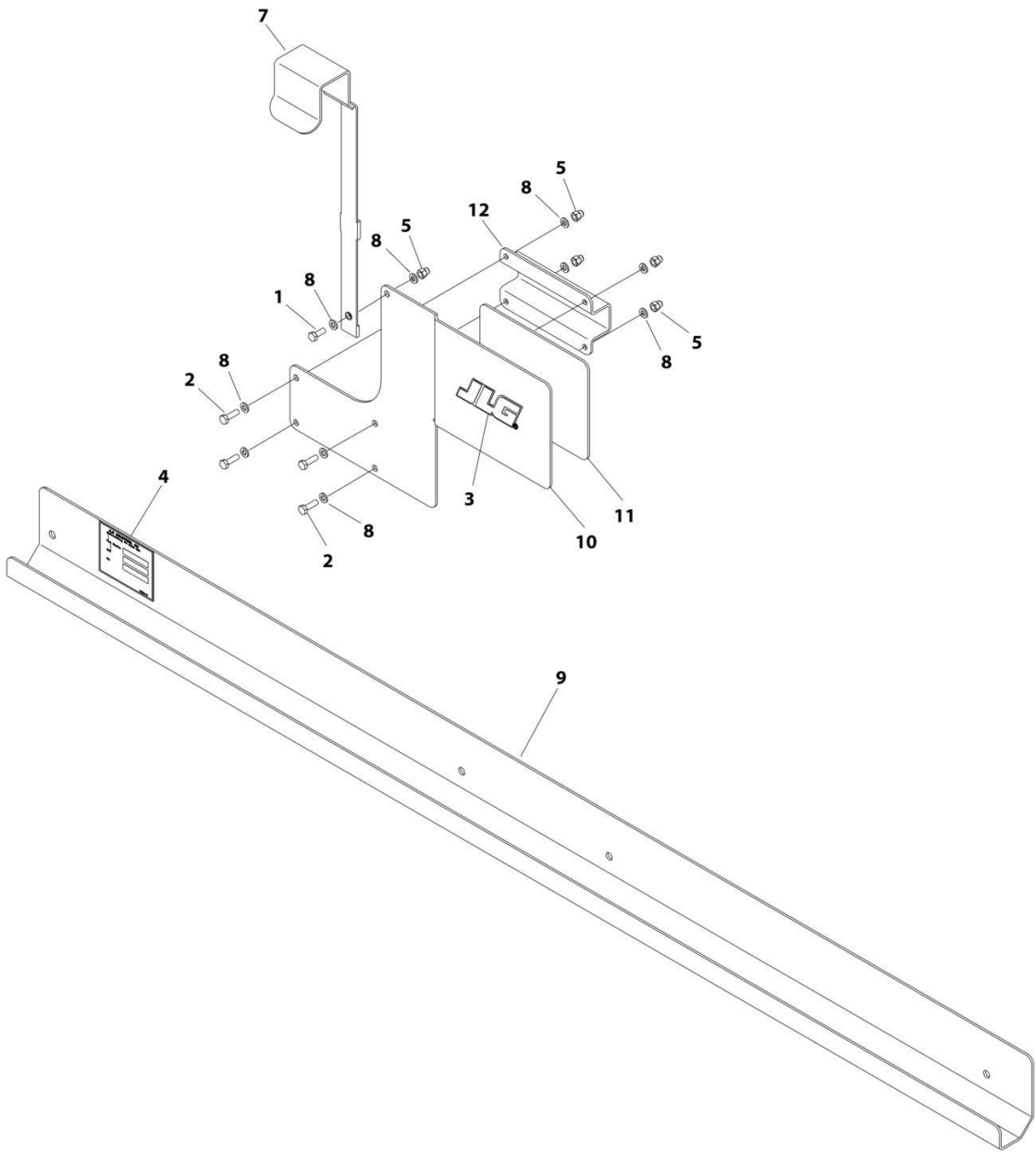
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FIGURE 4-21. OVERHEAD PROTECTION INSTALLATION (KOREAN SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220216	Ref	OVERHEAD PROTECTION INSTALLATION (KOREAN SPECS)	B
1	0701019	8	Bolt M10 x 55	
2	3291006	8	Nut M10	
3	4240017	AR	Tie-Strap	
4	4460234	2	Mount, Tie-Strap	
5	4812000	16	Washer M10	
7	1001221275	4	Bracket	
8	1001221276	4	Tube	
9	1001222914	8	Thumb Screw	
10	1001224468	1	Overhead Protection Harness	
10	4460891	4	Plug, Male - 2 Position (SW03-SW06)	
10	4460465	8	Socket, Female	
10	4460536	1	Receptacle, Female - 3 Position (X567)	
10	4460464	2	Pin, Male	
10	4460466	1	Plug, Terminal	
11	1001226277	4	Switch, Overhead Protection	
12	0700616	4	Bolt M6 x 40	
13	3290606	4	Nut M6	
14	1001228184	1	Decal - Overhead Protection Weight	
100	1001221244	1	Overhead Protection Kit (Includes Items 1, 2, 5-9 & 11-14)	

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FIGURE 4-22. PANEL CARRIER INSTALLATION (R1932)



ART_1001235924

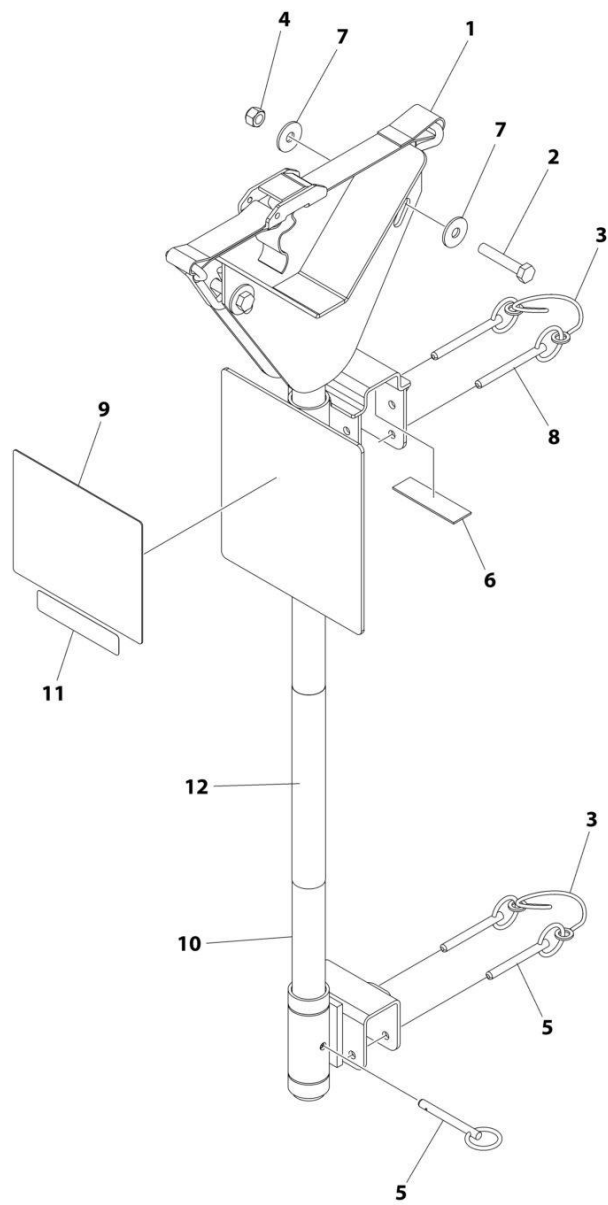
SECTION 4 - PLATFORM

FIGURE 4-22. PANEL CARRIER INSTALLATION (R1932)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235924	Ref	PANEL CARRIER INSTALLATION	B
1	0760608	1	Bolt M6 x 16	
2	0760610	4	Bolt M6 x 20	
3	1702010	1	Decal - JLG	
4	See Note	NSS	Nameplate - Accessory SN (Note: Not Available for Purchase)	
5	3290606	5	Nut M6	
6	3574505	1	Plate	
7	4240165	1	Strap	
8	4811700	10	Washer M6	
9	1001235536	1	Channel	
10	1001235863	1	Plate	
11	1001236507	1	Decal – Panel Carrier Capacity	
12	4420037	6 in /15cm	Tape	

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FIGURE 4-23. PIPE RACK INSTALLATION (R1932)



ART_1001270855

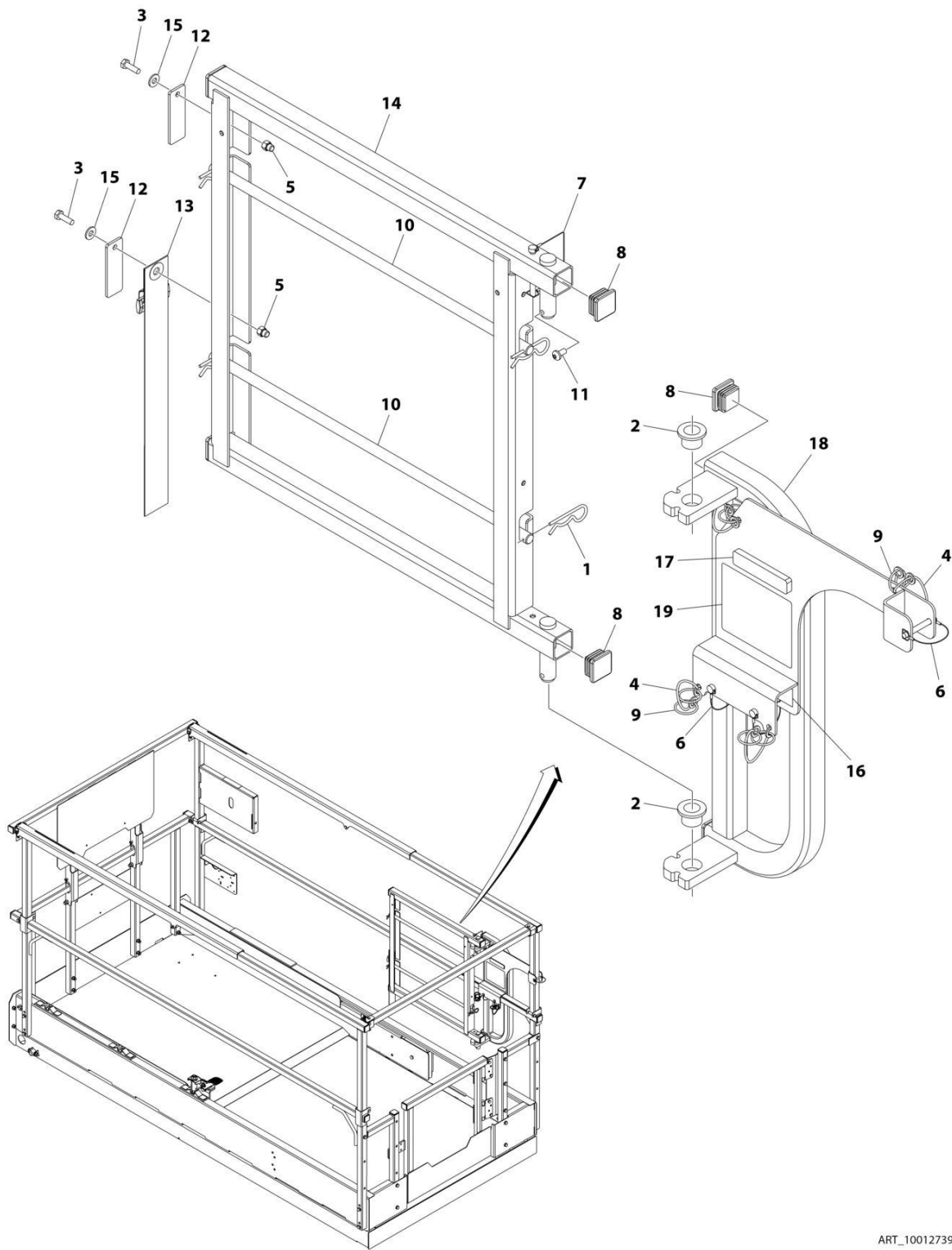
SECTION 4 - PLATFORM

FIGURE 4-23. PIPE RACK INSTALLATION (R1932)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001270855	Ref	PIPE RACK INSTALLATION	C
1	0480100	2	Tie-Strap	
2	0700817	4	Bolt M8 x 45	
3	1060379	4	Lanyard	
4	3290805	4	Nut M8	
5	3422661	6	Pin	
6	4420062	AR	Tape	
7	4811902	8	Washer M8	
8	1001235941	4	Pin	
9	1001287711	2	Decal - Pipe Rack Capacity	
10	1001270533	2	Rack Pipe	
11	1001270631	2	Decal - ACCY Weight	
12	1001271412	2	Decal - JLG	

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FIGURE 4-24. ELECTRICIANS TREE ACCESSORY



ART_1001273907

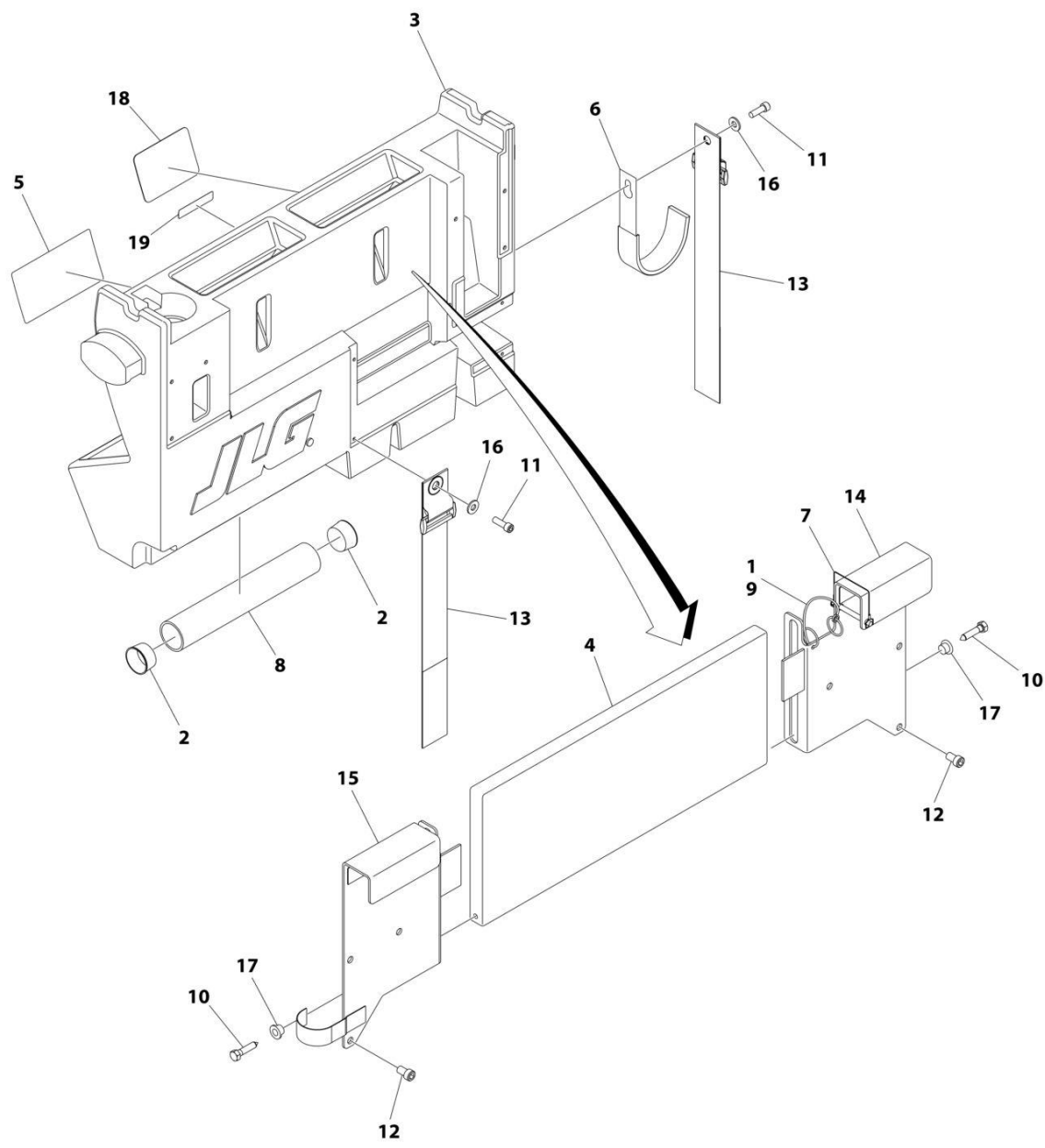
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FIGURE 4-24. ELECTRICIANS TREE ACCESSORY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001273907	Ref	ELECTRICIANS TREE ACCESSORY	A
1	80325	4	Hairpin, Cotter	
2	0440223	2	Bearing, Oilite Flange	
3	0700610	2	Bolt M6 x 20	
4	1060379	4	Lanyard	
5	3290606	2	Nut M6	
6	3421453	3	Pin	
7	3422219	1	Pin	
8	3520072	6	Plug	
9	3760170	8	Ring, Split	
10	3841675	2	Rod	
11	4191706	1	Bolt M6 x 12	
12	4220227	2	Stop, Spool Rod	
13	4240003	1	Strap	
14	4340947	1	Mount, Spool Rack	
15	4711400	2	Washer 1/4	
16	1001189762	3 ft	Tape	
17	1001252626	1	Decal - Accessory Weight	
18	1001273909	1	Support, Base Pivot	
19	1001274838	1	Decal - Electrical Tree Capacity	

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FIGURE 4-25. WORKSTATION ACCESSORY



ART_1001273957

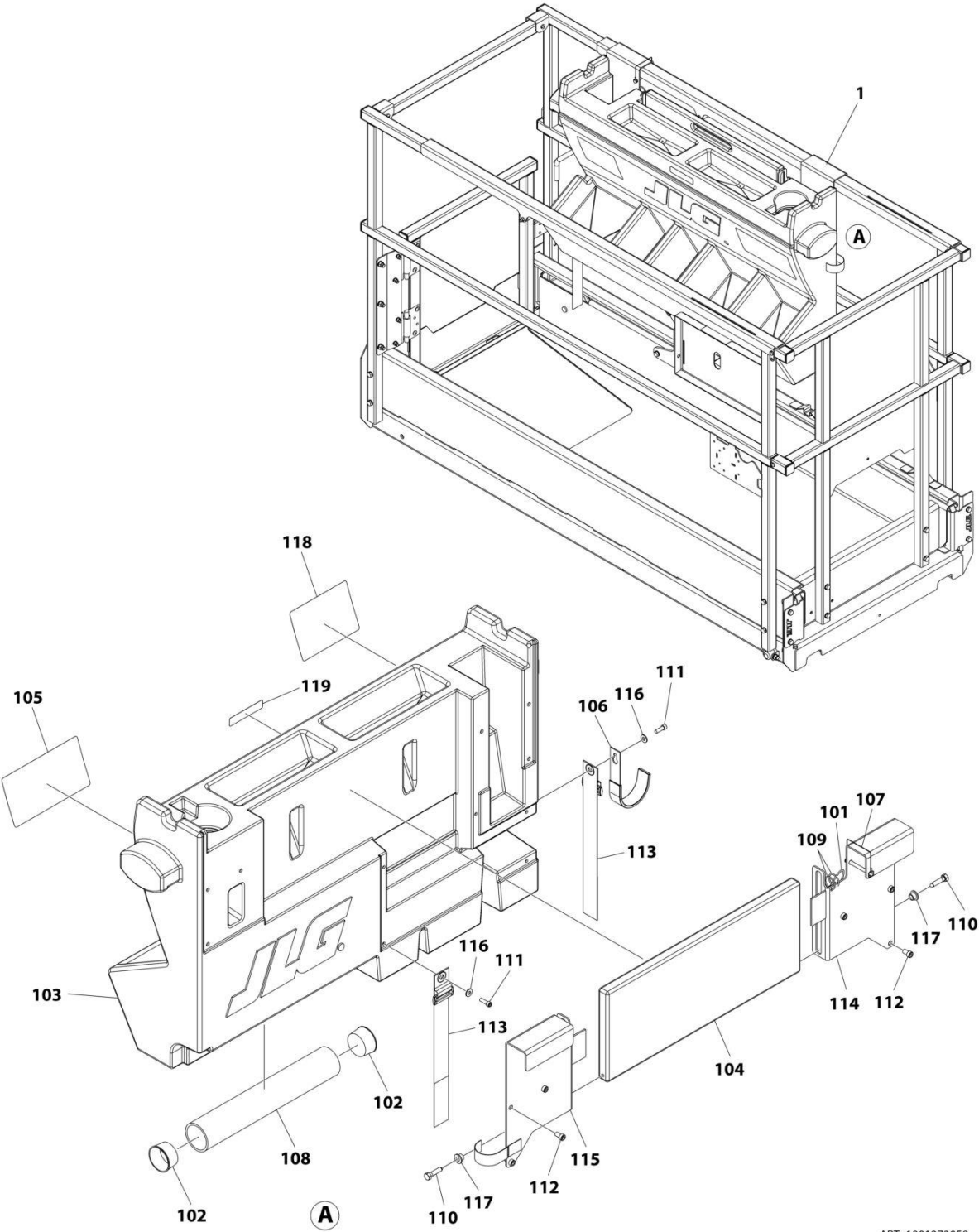
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FIGURE 4-25. WORKSTATION ACCESSORY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001273957	Ref	WORKSTATION ACCESSORY	A
1	1060379	1	Lanyard	
2	1120555	2	Cap	
3	1580023	1	Container, Work Bench	
4	1580024	1	Tray, Work Surface	
5	1705997	1	Decal - Workstation	
6	2700100	1	Hook	
7	3422219	1	Pin	
8	3460334	1	Pipe	
9	3760170	2	Ring	
10	3900355	2	Bolt 5/16	
11	3931412	2	Bolt 1/4 x 3/4	
12	3931508	6	Bolt 5/16 x 1/2	
13	4240003	2	Strap	
14	4340853	1	Mount, RH Channel	
15	4340854	1	Mount, LH Channel	
16	4711400	2	Washer 1/4	
17	4740480	2	Washer	
18	1001274837	1	Decal - Workstation Capacity	
19	1001275631	1	Decal - Accessory Weight	

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FIGURE 4-26. WORKSTATION INSTALLATION



ART_1001273958

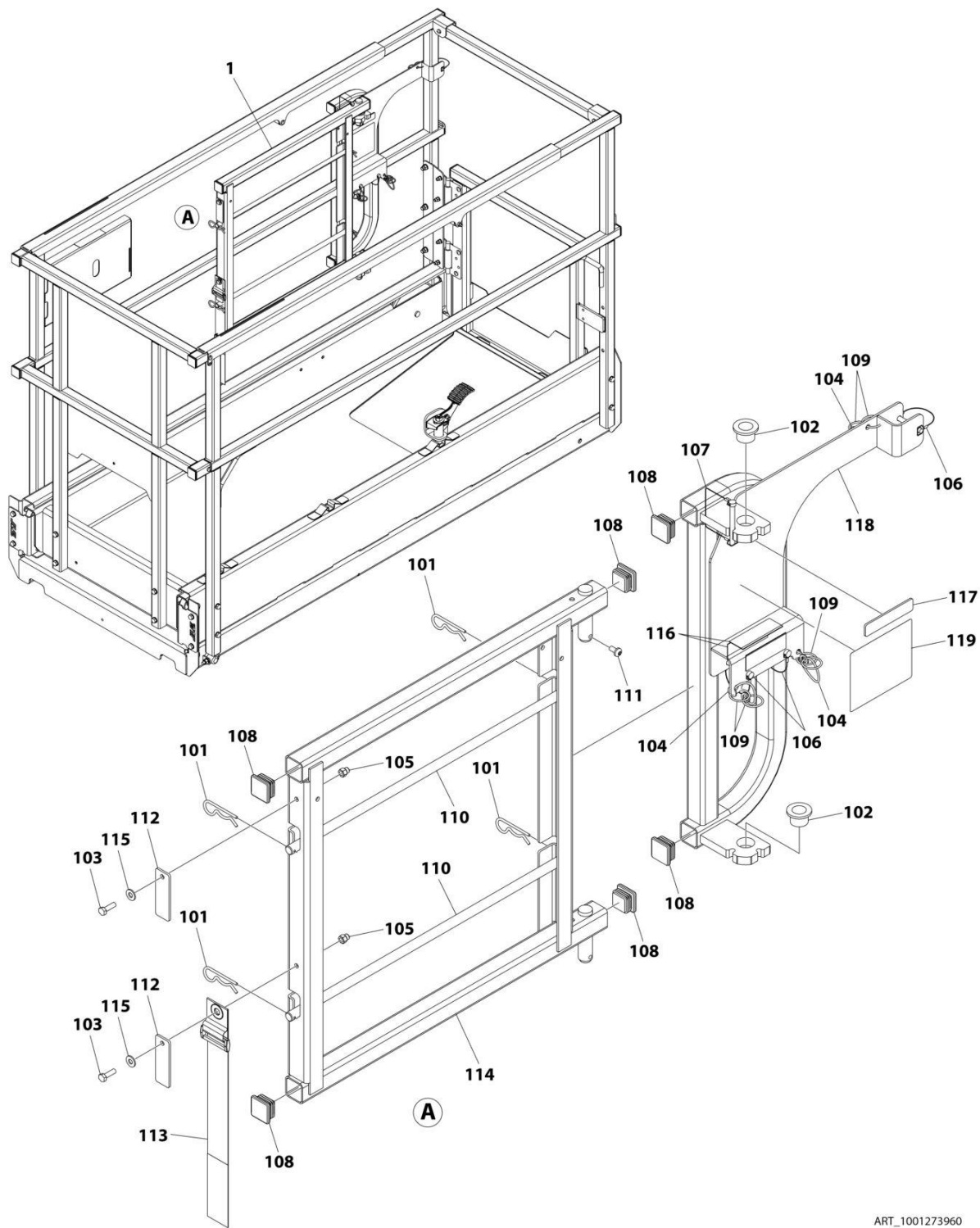
SECTION 4 - PLATFORM

FIGURE 4-26. WORKSTATION INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001273958	Ref	WORKSTATION INSTALLATION	B
1	1001273957	1	Workstation Accessory	B
101	1060379	1	Lanyard	
102	1120555	2	Cap	
103	1580023	1	Container, Work Bench	
104	1580024	1	Tray, Work Surface	
105	1705997	1	Decal - Workstation	
106	2700100	1	Hook, Hanger	
107	3422219	1	Pin	
108	3460334	1	Pipe	
109	3760170	2	Ring	
110	3900355	2	Screw	
111	3931412	2	Bolt 1/4 x 3/4	
112	3931508	6	Bolt 5/16 x 1/2	
113	4240003	2	Strap	
114	4340853	1	Mount, Channel (RH)	
115	4340854	1	Mount, Channel (LH)	
116	4711400	2	Washer 1/4	
117	4740480	2	Washer, Plastic Insert	
118	1001274837	1	Decal - Workstation Capacity	
119	1001275631	1	Decal - ACCY Weight	

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FIGURE 4-27. ELECTRICIAN TREE INSTALLATION



ART_1001273960

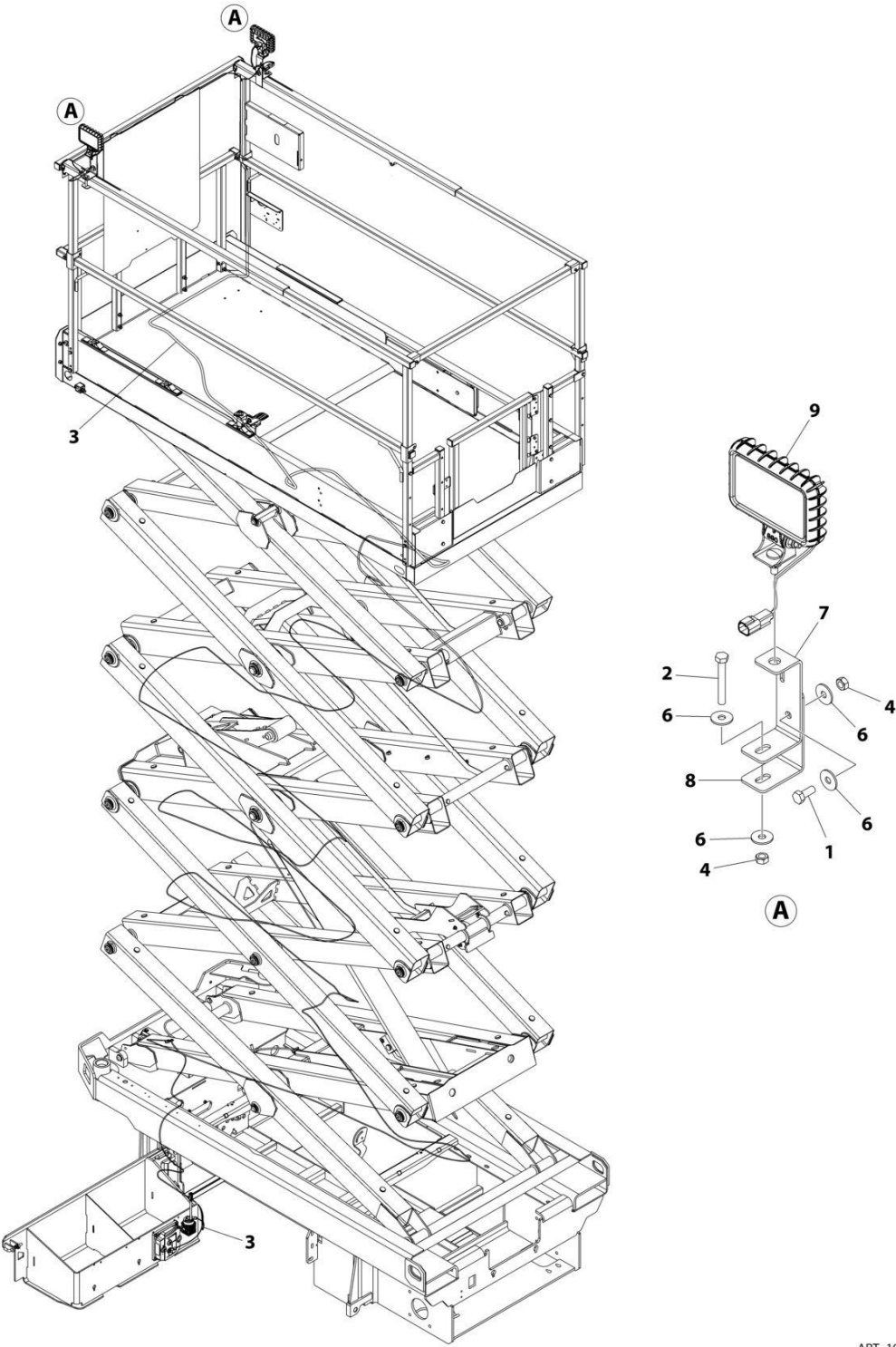
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FIGURE 4-27. ELECTRICIAN TREE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001273960	Ref	ELECTRICIAN TREE INSTALLATION	A
1	1001273907	1	Electrician Tree Accessory	A
101	80325	4	Hairpin, Cotter	
102	0440223	2	Bushing	
103	0700610	2	Bolt M6 x 20	
104	1060379	4	Lanyard	
105	3290606	2	Cap, Nut M6 x 1	
106	3421453	3	Pin	
107	3422219	1	Pin	
108	3520072	6	Plug, Cap	
109	3760170	8	Ring	
110	3841675	2	Rod	
111	4191706	1	Screw M6 x 12	
112	4220227	2	Stop, Spool Rod	
113	4240003	1	Strap	
114	4340947	1	Mount, Spool Rack	
115	4711400	2	Washer 1/4	
116	1001189762	3	Tape	
117	1001252626	1	Decal - ACCY Weight	
118	1001273909	1	Support	
119	1001274838	1	Decal	

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FIGURE 4-28. WORKLIGHT INSTALLATION



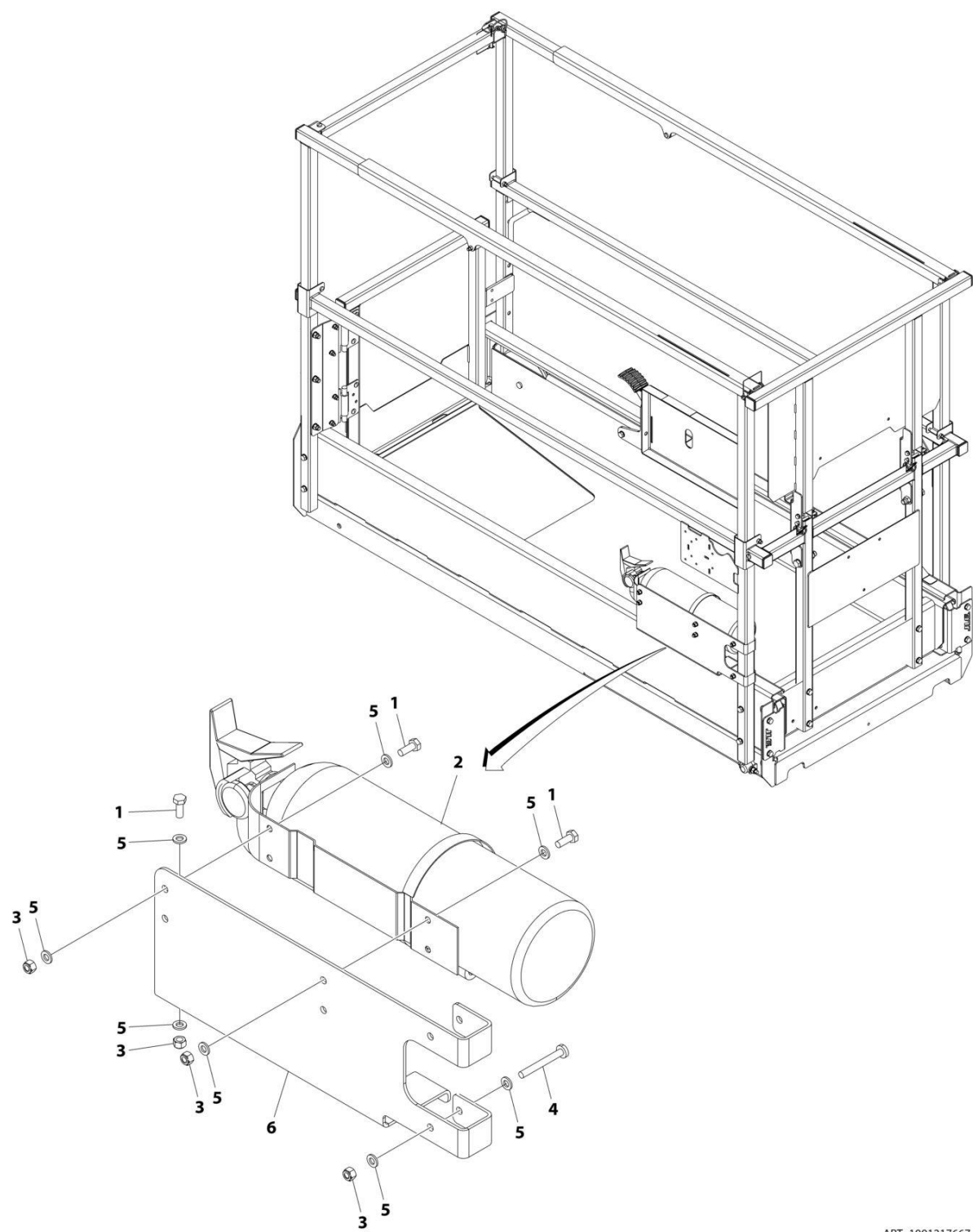
ART_1001273965

FIGURE 4-28. WORKLIGHT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001273965	Ref	WORKLIGHT INSTALLATION	A
1	0760810	2	Bolt M8 x 20	
2	0760820	2	Bolt M8 x 60	
3	1061041	1	Cable, Worklight (See Separate Breakdown in ELECTRICAL Section)	
4	3290801	4	Nut M8	
5	4240033	AR	Tie-Strap (Not Shown)	
6	4811902	8	Washer M8	
7	1001273961	2	Bracket	
8	1001273962	2	Bracket	
9	1001273964	2	Lamp, Worklight Kit	
9	1001232586	1	Lamp, Worklight LED with Switch	
9	1001274026	1	Harness, Light (See Separate Breakdown in ELECTRICAL Section)	

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FIGURE 4-29. FIRE EXTINGUISHER INSTALLATION



ART_1001217667

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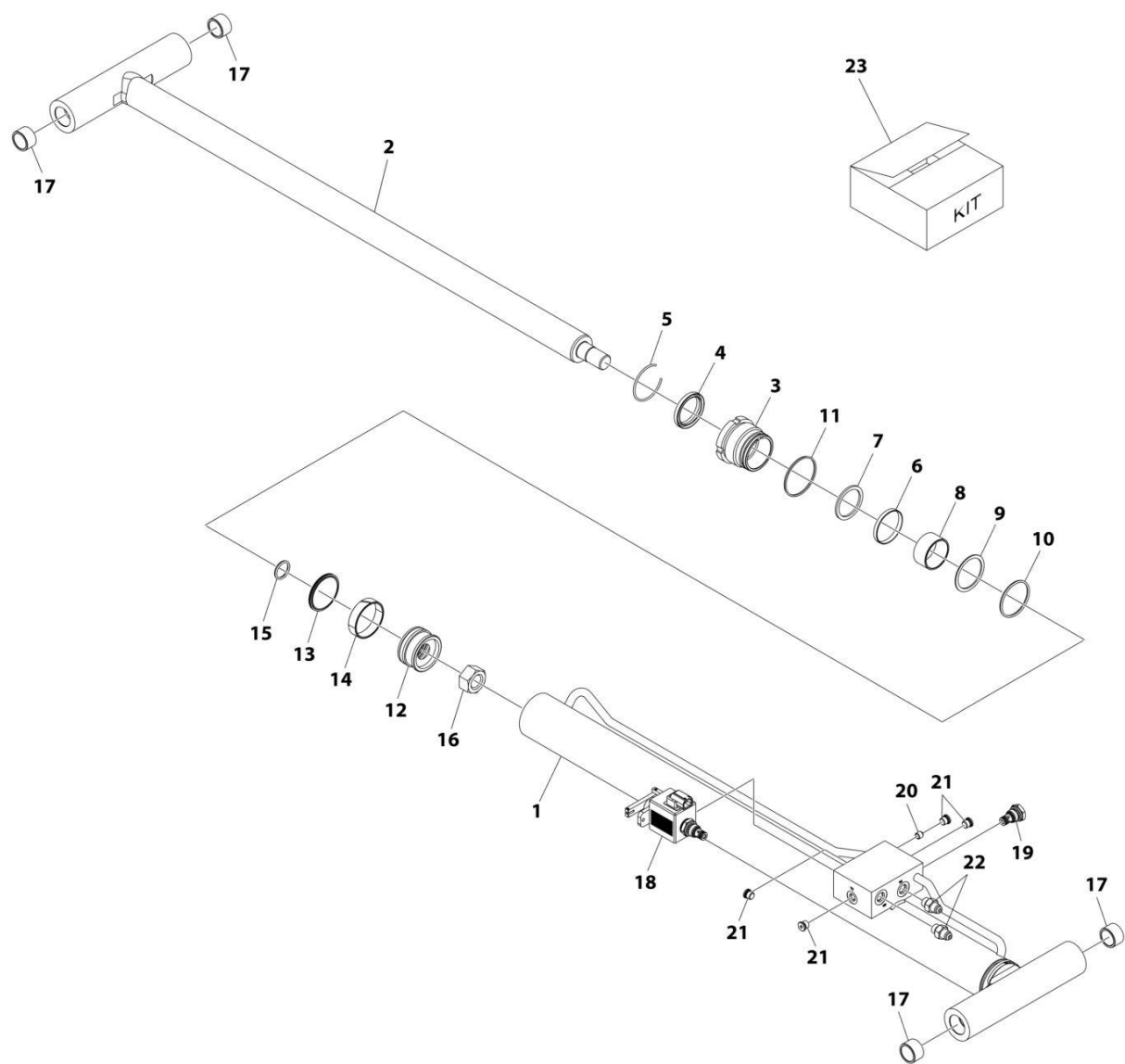
FIGURE 4-29. FIRE EXTINGUISHER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217667	Ref	FIRE EXTINGUISHER INSTALLATION	C
1	0760608	5	Bolt M6 x 16	
2	2030011	1	Fire Extinguisher	
3	3290605	7	Nut M6	
4	4010618	2	Screw M6 x 50	
5	4811700	14	Washer M6	
6	1001218509	1	Bracket	

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SECTION 5 - CYLINDER

FIGURE 5-1. LIFT CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH M2)



ART_1001198935

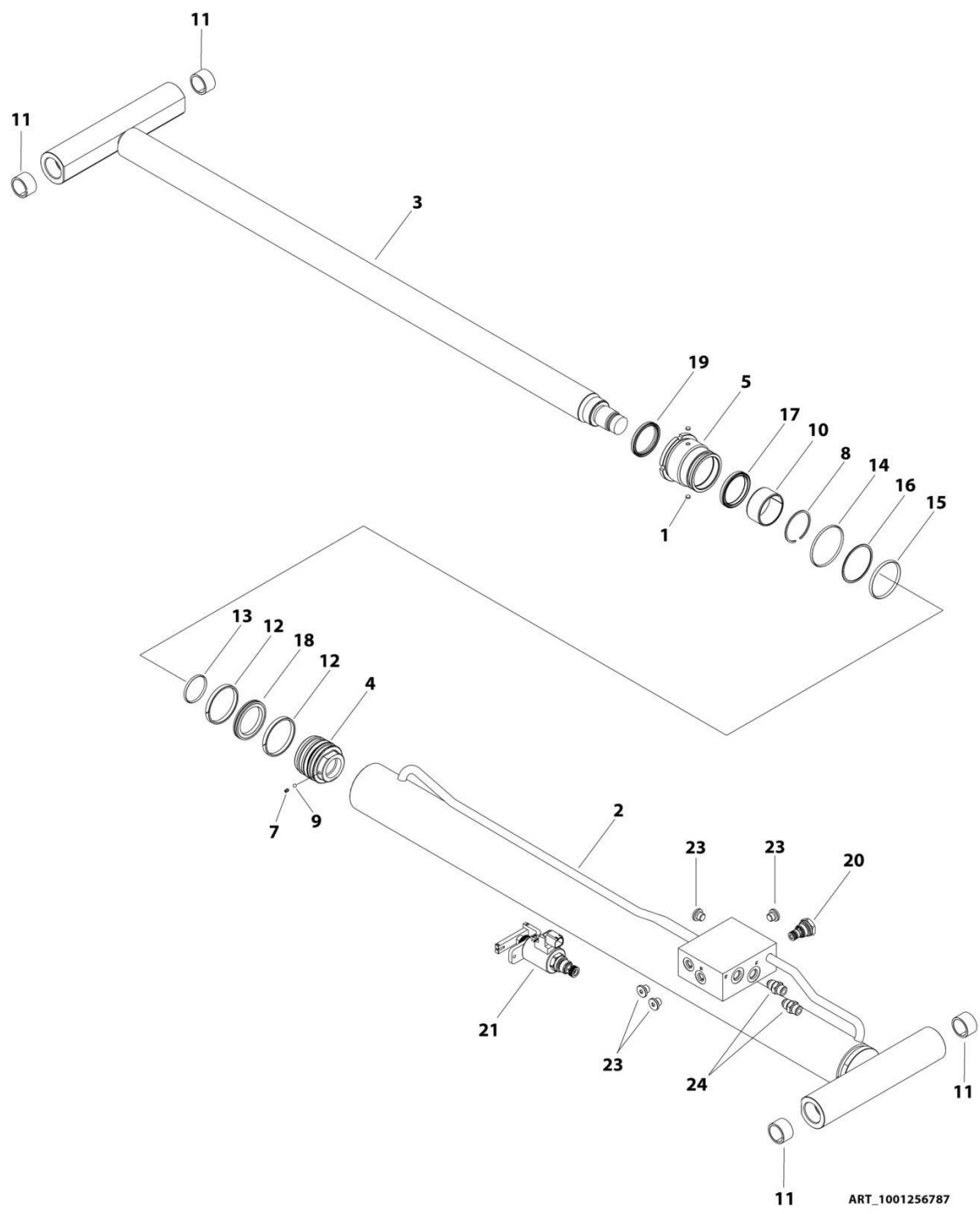
SECTION 5 - CYLINDER

FIGURE 5-1. LIFT CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH M2)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001198935	Ref	LIFT CYLINDER ASSEMBLY	C
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70005790	1	Barrel	
2	70005791	1	Rod	
3	70005792	1	Head	
4	See Note	NSS	Wiper (Note: Use Item 23)	
5	70002410	1	Ring, Retaining	
6	See Note	NSS	Seal, Rod (Note: Use Item 23)	
7	See Note	NSS	Ring, Back-up (Note: Use Item 23)	
8	70005793	1	Spacer	
9	See Note	NSS	O-Ring (Note: Use Item 23)	
10	See Note	NSS	Ring, Back-up (Note: Use Item 23)	
11	See Note	NSS	O-Ring (Note: Use Item 23)	
12	70005794	1	Piston	
13	See Note	NSS	Seal, Piston (Note: Use Item 23)	
14	See Note	NSS	Ring, Wear (Note: Use Item 23)	
15	See Note	NSS	O-Ring (Note: Use Item 23)	
16	70005796	1	Nut	
17	0962292	4	Bearing	
18	70004233	1	Valve, Manual Descent	
19	70004232	1	Valve, Check	
20	70004231	1	Orifice	
21	70023370	4	Plug	
22	70005795	2	Fitting, Straight JIC	
23	70005797	1	Seal Kit - Cylinder (Includes Items 4, 6, 7, 9-11 & 13-15)	

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FIGURE 5-2. LIFT CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH G2)



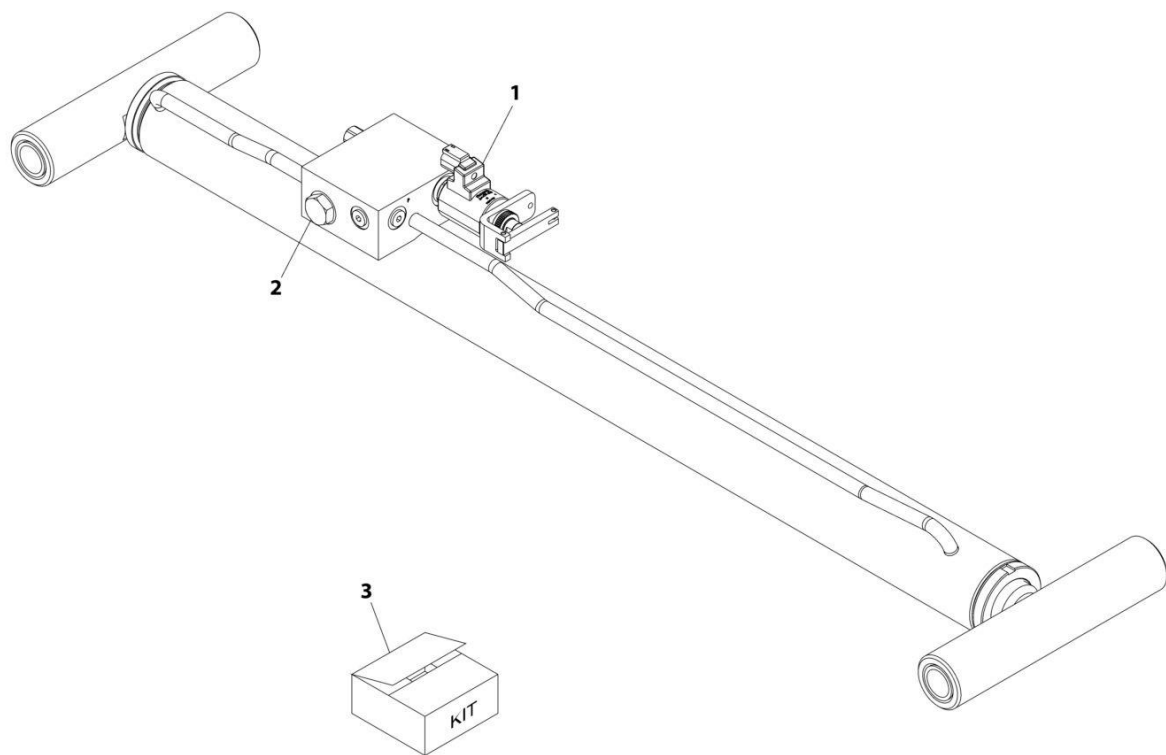
SECTION 5 - CYLINDER

FIGURE 5-2. LIFT CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH G2)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256787	Ref	LIFT CYLINDER ASSEMBLY	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70003636	2	Lock	
2	See Note	NSS	Barrel (Note: Purchase Complete Assembly)	
3	70007572	1	Rod	
4	70007573	1	Piston	
5	70007574	1	Head	
6	70007575	1	Plug	
7	See Note	NSS	Setscrew (Note: Use Item 23)	
8	70007576	1	Ring, Retaining	
9	See Note	NSS	Ball, Steel (Note: Use Item 50)	
10	70007577	1	Bearing	
11	0962292	4	Bearing	
12	See Note	NSS	Ring, Wear (Note: Use Item 50)	
13	See Note	NSS	O-Ring (Note: Use Item 50)	
14	See Note	NSS	O-Ring (Note: Use Item 50)	
15	See Note	NSS	O-Ring (Note: Use Item 50)	
16	See Note	NSS	Ring, Back-up (Note: Use Item 50)	
17	See Note	NSS	Seal, Rod (Note: Use Item 50)	
18	See Note	NSS	Seal, Piston (Note: Use Item 50)	
19	See Note	NSS	Wiper (Note: Use Item 50)	
20	70004585	1	Cartridge, Valve (Bosch Rexroth)	
20	70008142	1	Cartridge, Valve (Sant - Valvole)	
21	70005236	1	Cartridge, Solenoid Valve (Bosch Rexroth)	
21	70008143	1	Cartridge, Solenoid Valve (Sant - Valvole)	
22	70007134	2	Fitting, Straight (Not Shown)	
23	2220883	4	Plug	
24	70007135	2	Fitting, Straight	
50	70007578	1	Seal Kit - Cylinder (Includes Items 7, 9 & 12-19)	

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FIGURE 5-3. LIFT CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH 12)



ART_1001276734

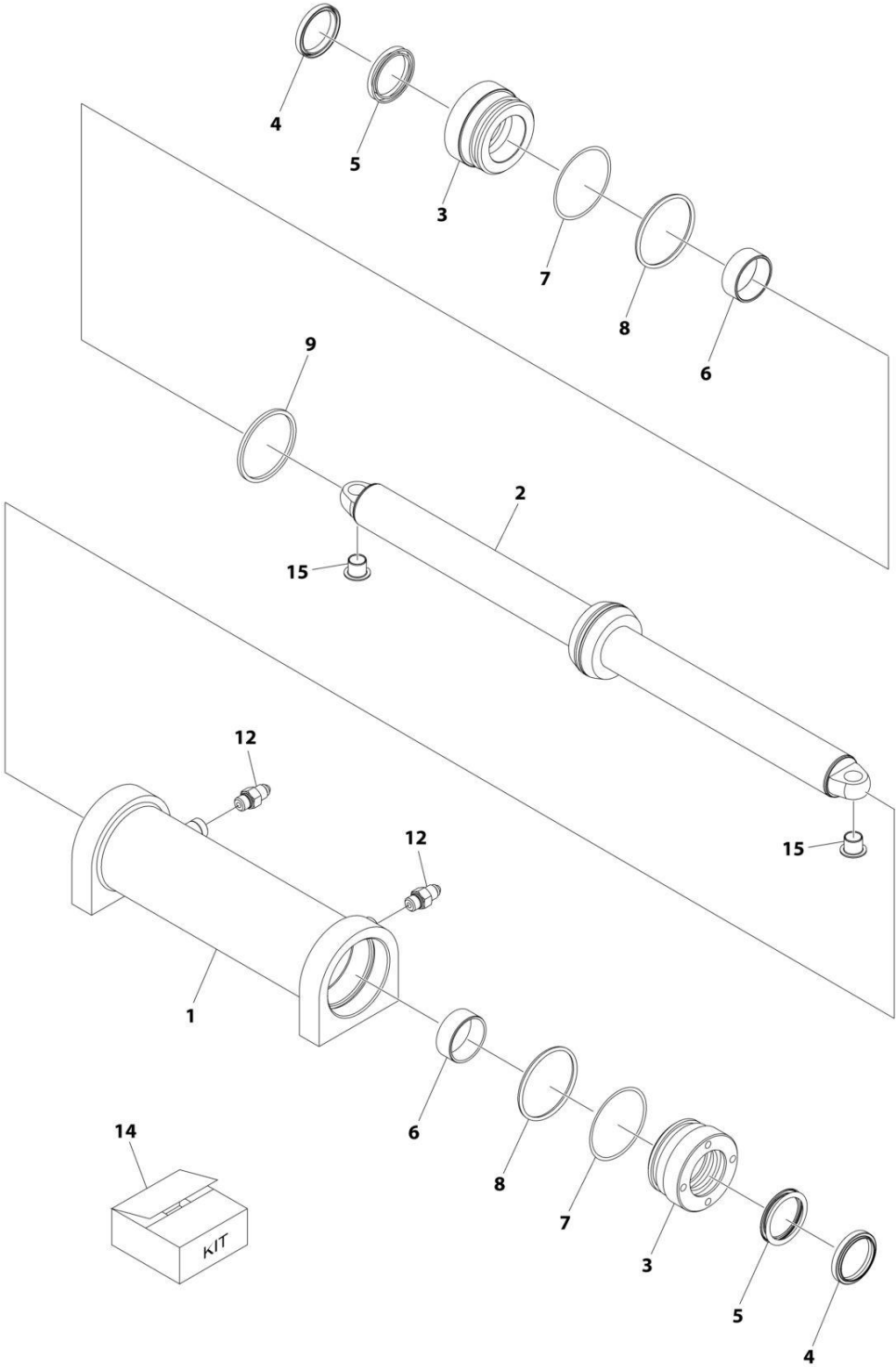
SECTION 5 - CYLINDER

FIGURE 5-3. LIFT CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH 12)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276734	Ref	LIFT CYLINDER ASSEMBLY	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
		Ref	Note: No Other Service Parts Available.	
1	70005236	1	Valve, Lowering	
2	70004585	1	Cartridge, Valve	
3	70007991	1	Seal Kit - 1001276734 Cylinder	

SECTION 5 - CYLINDER

FIGURE 5-4. STEER CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH M2)



ART_1001220570_B

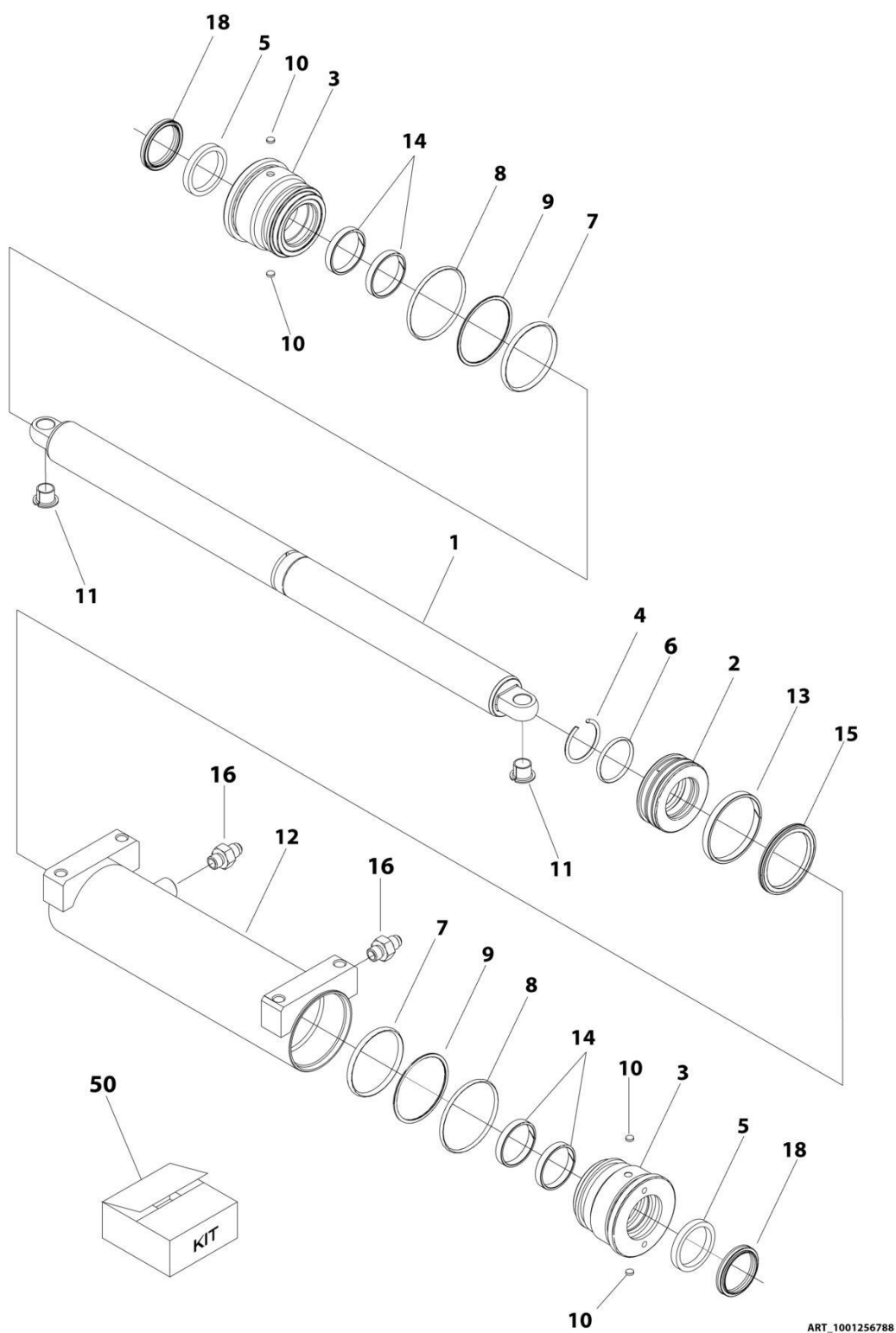
SECTION 5 - CYLINDER

FIGURE 5-4. STEER CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH M2)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220570	Ref	STEER CYLINDER ASSEMBLY	B
		Ref	Note: See Usage Chart on Illustration before ordering parts.	
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70005798	1	Barrel	
2	70006143	1	Rod	
3	70004241	2	Head	
4	See Note	NSS	Wiper (Note: Use Item 14)	
5	See Note	NSS	Seal (Note: Use Item 14)	
6	70005800	2	Spacer	
7	See Note	NSS	O-Ring (Note: Use Item 14)	
8	See Note	NSS	Ring, Back-up (Note: Use Item 14)	
9	See Note	NSS	Seal, Piston (Note: Use Item 14)	
12	70005803	2	Fitting, Straight JIC	
14	70005805	1	Seal Kit - Cylinder (Includes Items 4, 5 & 7-9)	
15	0440259	2	Bushing	

SECTION 5 - CYLINDER

FIGURE 5-5. STEER CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH G2)



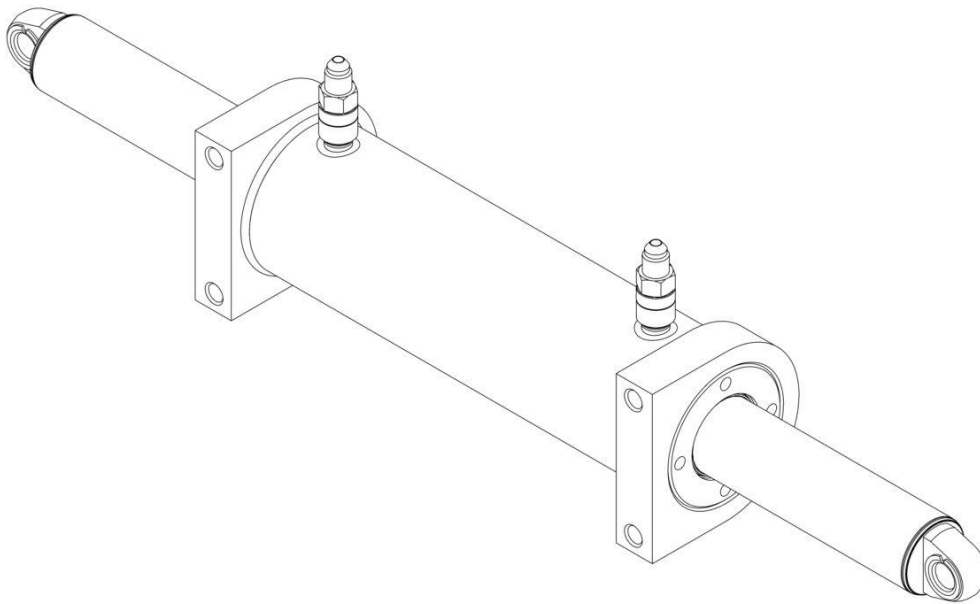
SECTION 5 - CYLINDER

FIGURE 5-5. STEER CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH G2)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256788	Ref	STEER CYLINDER ASSEMBLY	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70007579	1	Rod	
2	70007580	1	Piston	
3	70007581	2	Head	
4	70007077	1	Ring, Retaining	
5	See Note	NSS	Seal, Rod (Note: Use Item 50)	
6	See Note	NSS	O-Ring (Note: Use Item 50)	
7	See Note	NSS	O-Ring (Note: Use Item 50)	
8	See Note	NSS	O-Ring (Note: Use Item 50)	
9	See Note	NSS	Ring, Back-up (Note: Use Item 50)	
10	70003636	4	Lock	
11	0440259	2	Bearing	
12	See Note	NSS	Barrel (Note: Purchase Complete Assembly)	
13	See Note	NSS	Ring, Wear (Note: Use Item 50)	
14	See Note	NSS	Ring, Wear (Note: Use Item 50)	
15	See Note	NSS	Seal, Piston (Note: Use Item 50)	
16	70007079	2	Fitting	
18	See Note	NSS	Wiper (Note: Use Item 50)	
50	70007118	1	Seal Kit - Cylinder (Includes Items 5-9,13-15 & 18)	

SECTION 5 - CYLINDER

FIGURE 5-6. STEER CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH 12)



ART_1001276701

SECTION 5 - CYLINDER

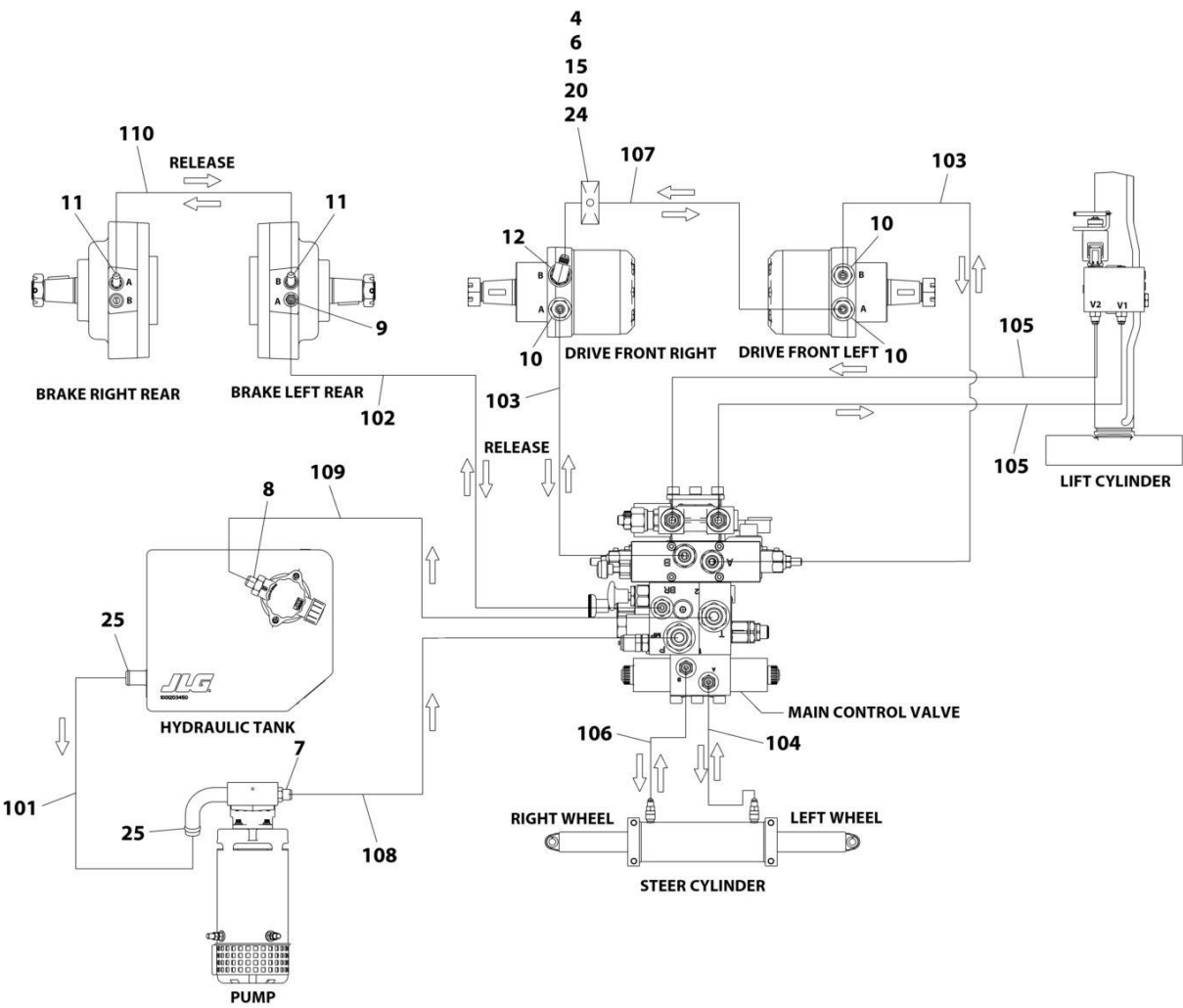
FIGURE 5-6. STEER CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH 12)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276701	Ref Ref Ref	STEER CYLINDER ASSEMBLY Note: No Other Service Parts Available.. Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	A
	70008472	1	Kit, Seal - 1001276701 Cylinder	

SECTION 6 - HYDRAULIC

SECTION 6 - HYDRAULIC

FIGURE 6-1. HYDRAULIC DIAGRAM (WITH CONCENTRIC PUMP/MOTOR)



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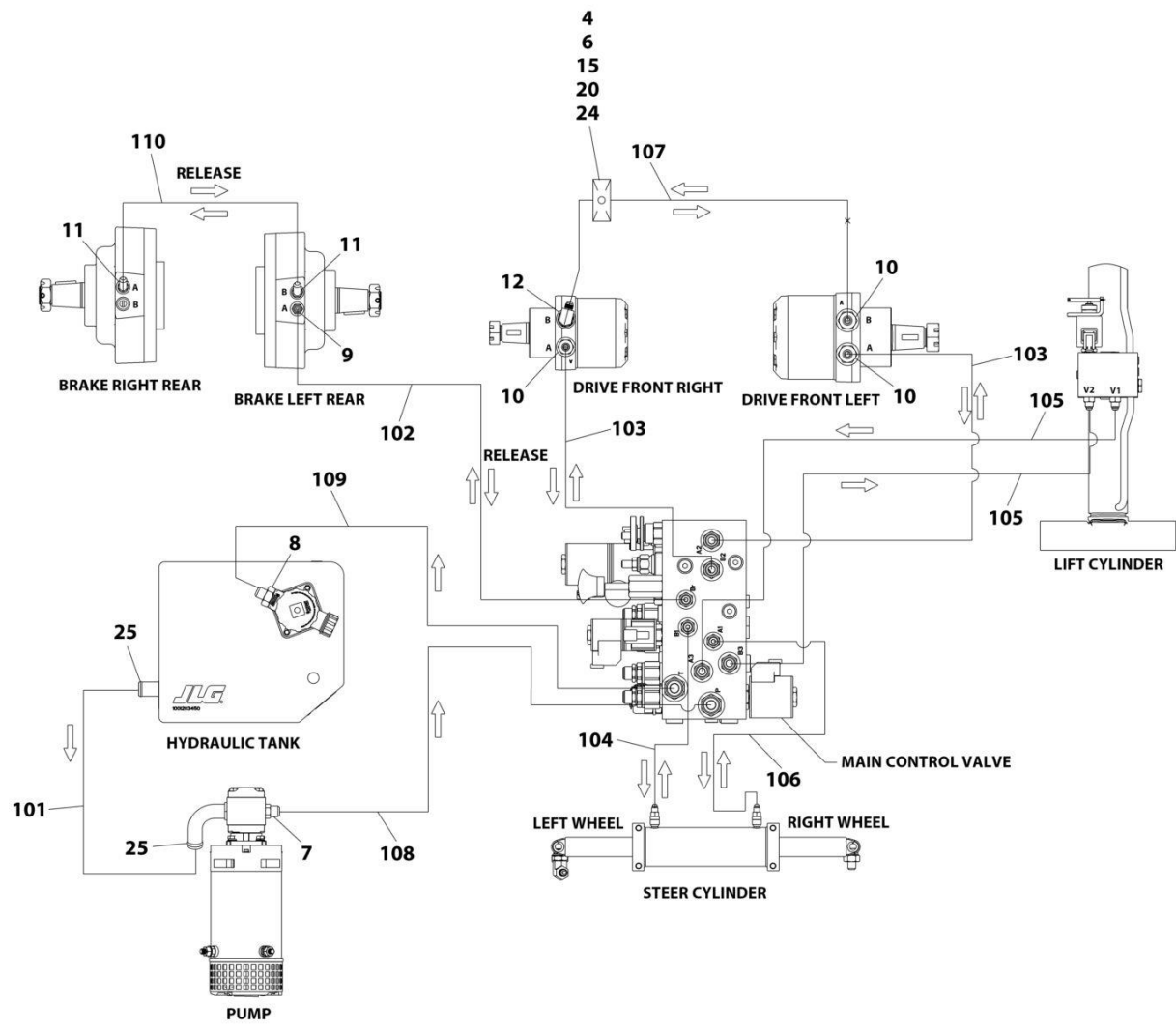
SECTION 6 - HYDRAULIC

FIGURE 6-1. HYDRAULIC DIAGRAM (WITH CONCENTRIC PUMP/MOTOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001253358	Ref	HYDRAULIC DIAGRAM	C
4	0760827	1	Bolt M8 x 100	A
6	1321752	2	Clamp	
7	2220373	1	Fitting, Straight JIC/ORB	
8	2220375	1	Fitting, Straight JIC/ORB	
9	2220415	1	Fitting, Straight JIC/ORB	
10	2220497	3	Fitting, Straight JIC/ORB	
11	2220502	2	Fitting, 45 JIC/ORB	
12	2220828	1	Fitting, 90 JIC/ORB	
15	3290805	1	Nut M8	
17	4240017	AR	Tie-Strap (Not Shown)	
20	4811900	2	Washer M8	
24	8750014	2	Clamp	
25	1001143501	2	Clamp	
100	1001255506	1	Hose Kit (Not Shown)	
101	1001203835	1	Hose	
102	1001203837	1	Hose	
103	1001203838	2	Hose	
104	1001203839	1	Hose	
105	1001203840	2	Hose	
106	1001203844	1	Hose	
107	1001203846	1	Hose	
108	1001254225	1	Hose	
109	1001254226	1	Hose	
110	1001254227	1	Hose	

SECTION 6 - HYDRAULIC

FIGURE 6-2. HYDRAULIC DIAGRAM (WITH BUCHER PUMP/MOTOR)



ART_1001276592_20F2

SECTION 6 - HYDRAULIC

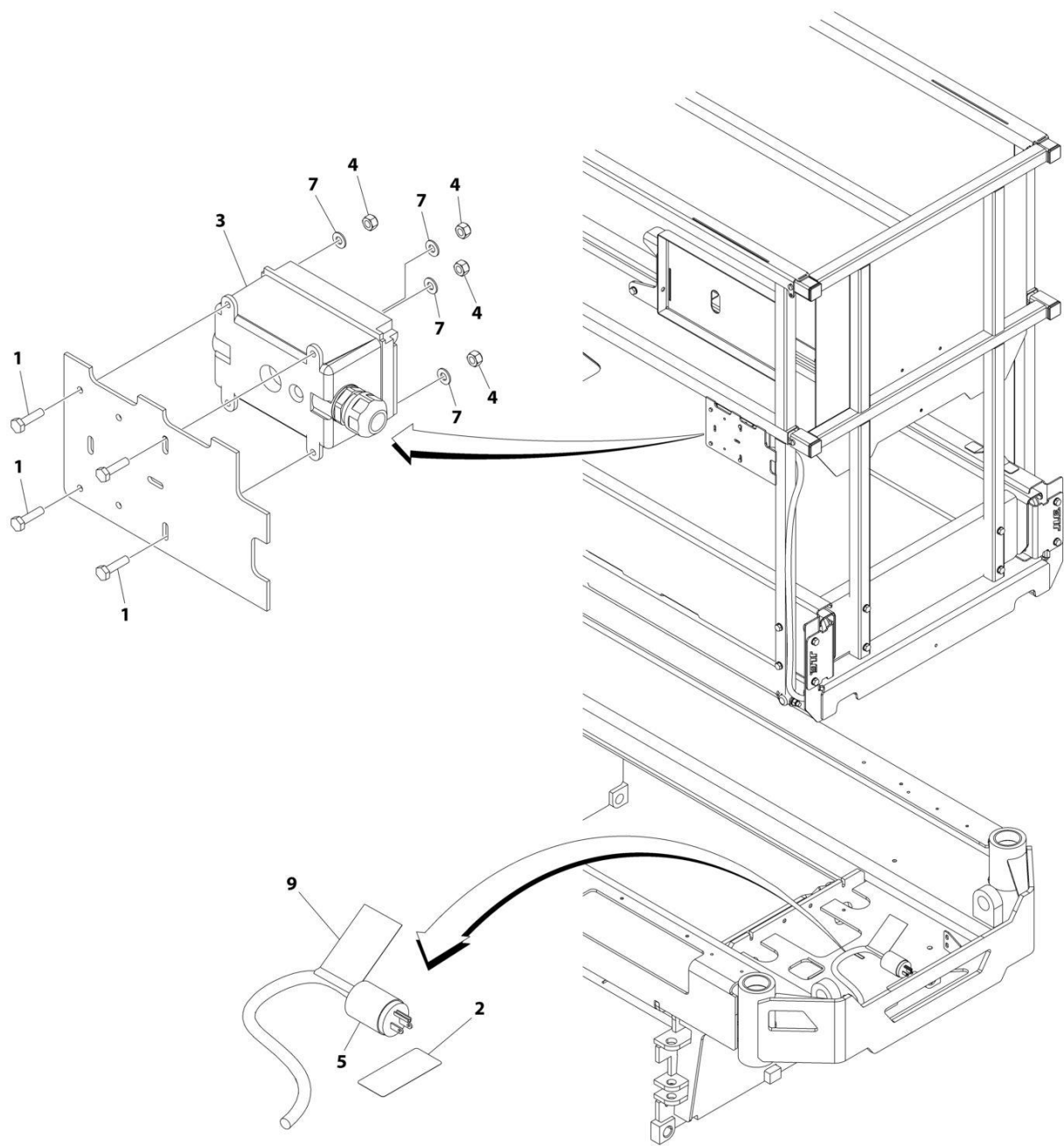
FIGURE 6-2. HYDRAULIC DIAGRAM (WITH BUCHER PUMP/MOTOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276592	Ref	HYDRAULIC DIAGRAM	A
4	0760827	1	Bolt M8 x 100	
6	1321752	2	Clamp	
7	2220373	1	Fitting, Straight JIC/ORB	
8	2220375	1	Fitting, Straight JIC/ORB	
9	2220415	1	Fitting, Straight JIC/ORB	
10	2220497	3	Fitting, Straight JIC/ORB	
11	2220502	2	Fitting, 45 JIC/ORB	
12	2220828	1	Fitting, 90 JIC/ORB	
15	3290805	1	Nut M8	
17	4240017	AR	Tie-Strap (Not Shown)	
20	4811900	2	Washer M8	
24	8750014	2	Clamp	
25	1001143501	2	Clamp	
100	1001278904	Ref	Hose Kit (Not Shown)	A
101	1001278882	1	Hose	
102	1001203837	1	Hose	
103	1001203838	2	Hose	
104	1001203839	1	Hose	
105	1001203840	2	Hose	
106	1001203844	1	Hose	
107	1001203846	1	Hose	
108	1001254225	1	Hose	
109	1001254226	1	Hose	
110	1001254227	1	Hose	

SECTION 7 - ELECTRICAL

SECTION 7 - ELECTRICAL

FIGURE 7-1. AC BOX AT PLATFORM INSTALLATION - 110V GFI (ANSI, ANSI EXPORT, CHINA, CSA, JAPANESE AND KOREA SPECS)



ART_1001208930

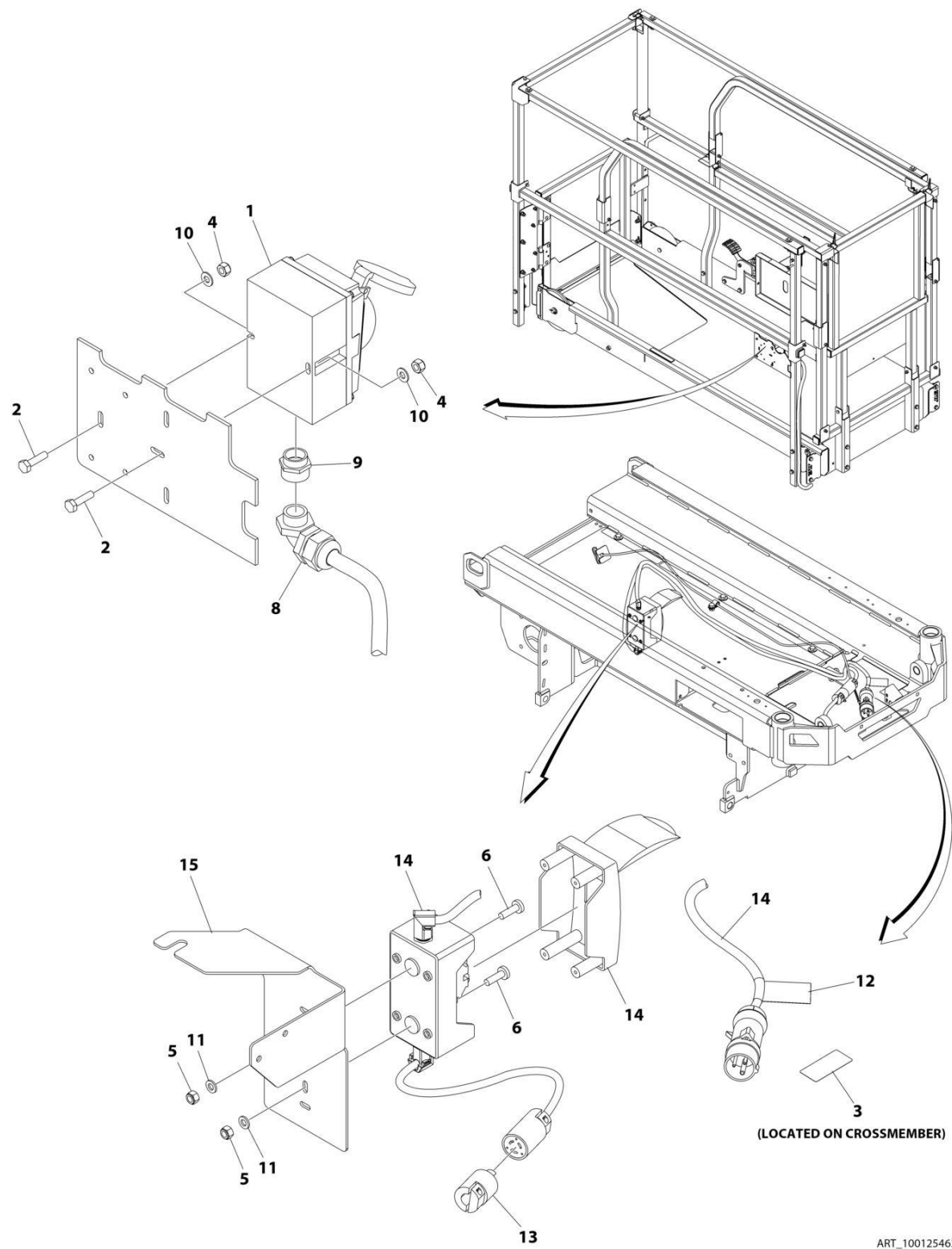
SECTION 7 - ELECTRICAL

FIGURE 7-1. AC BOX AT PLATFORM INSTALLATION - 110V GFI (ANSI, ANSI EXPORT, CHINA, CSA, JAPANESE AND KOREA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001208930	Ref	AC BOX AT PLATFORM INSTALLATION - 110V GFI	C
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	4460138	1	Plug, Male - AC	
6	4460315	1	Terminal (Not Shown)	
7	4811400	4	Washer M4	
9	1001102258	1	Decal - AC Label	
10	4240017	AR	Tie-Strap (Not Shown)	

SECTION 7 - ELECTRICAL

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



ART_1001254639

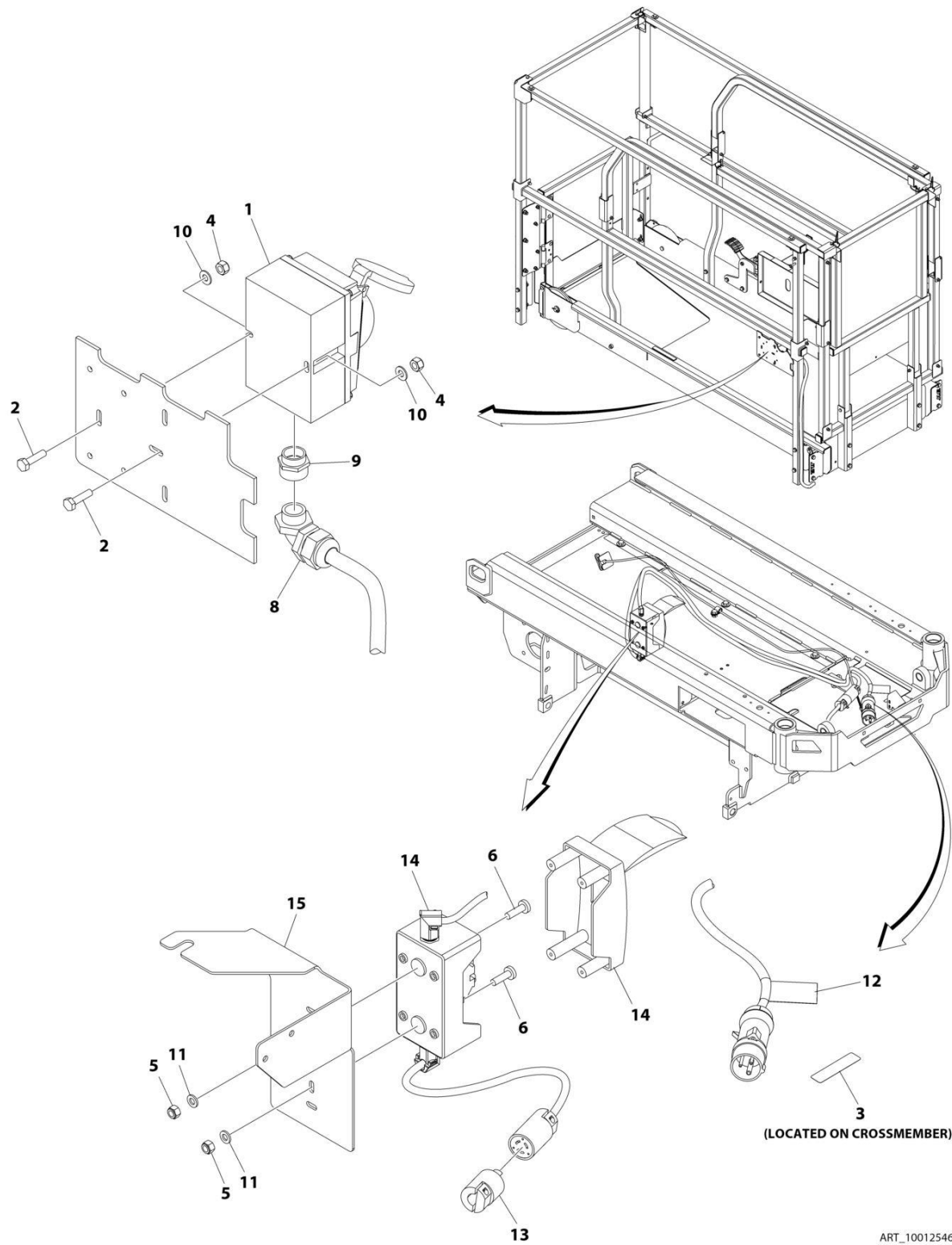
SECTION 7 - ELECTRICAL

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001254639	Ref	AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW	A
1	0275216	1	Receptacle Box Kit - 110V IEC Yellow (See Separate Breakdown in this Section)	
2	0760408	2	Bolt M4 x 16	
3	1703464	1	Decal - AC Power	
4	3290405	2	Nut M4	
5	3290605	2	Nut M6	
6	4010610	2	Screw M6 x 20	
7	4240017	AR	Tie-Strap (Not Shown)	
8	4461257	1	Connector, Strain Relief	
9	4461258	1	Connector, Adapter	
10	4811400	2	Washer M4	
11	4811700	4	Washer M6	
12	1001102258	1	Decal - AC Label	
13	1001120204	1	Plug, Male Twist	
14	1001209776	1	Breaker Box Kit (See Separate Breakdown in this Section)	
15	1001253280	1	Bracket	

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



ART_1001254640

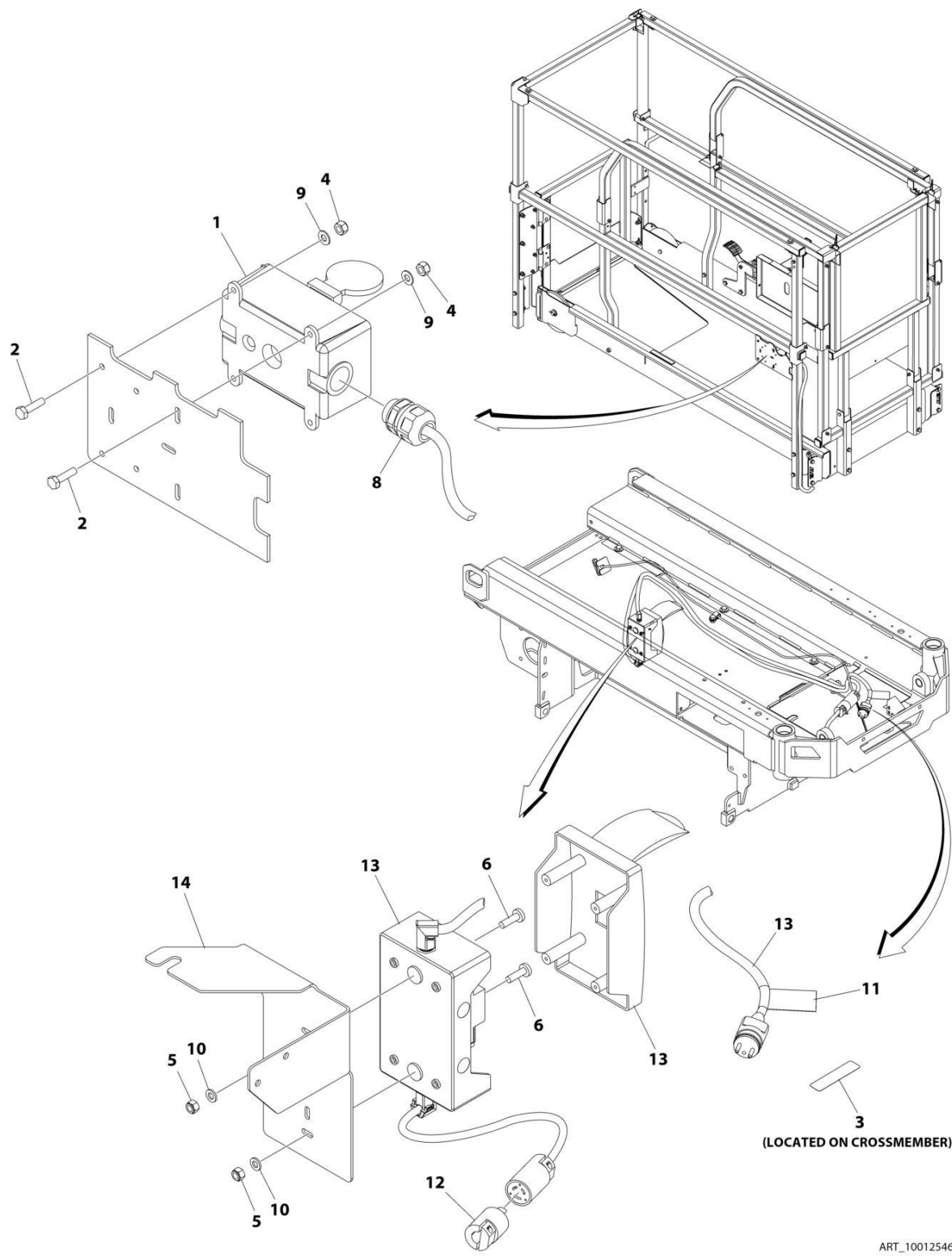
SECTION 7 - ELECTRICAL

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001254640	Ref	AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE	A
1	0275217	1	Receptacle Box Kit - 220V IEC Blue (See Separate Breakdown in this Section)	
2	0760408	2	Bolt M4 x 16	
3	3252507	1	Decal - AC Power	
4	3290405	2	Nut M4	
5	3290605	2	Nut M6	
6	4010610	2	Screw M6 x 20	
7	4240017	AR	Tie-Strap (Not Shown)	
8	4461257	1	Connector, Strain Relief	
9	4461258	1	Connector, Adapter	
10	4811400	2	Washer M4	
11	4811700	4	Washer M6	
12	1001102258	1	Decal - AC Label	
13	1001120204	1	Plug, Male Twist	
14	1001209776	1	Breaker Box Kit (See Separate Breakdown in this Section)	
15	1001253280	1	Bracket	

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



ART_1001254636

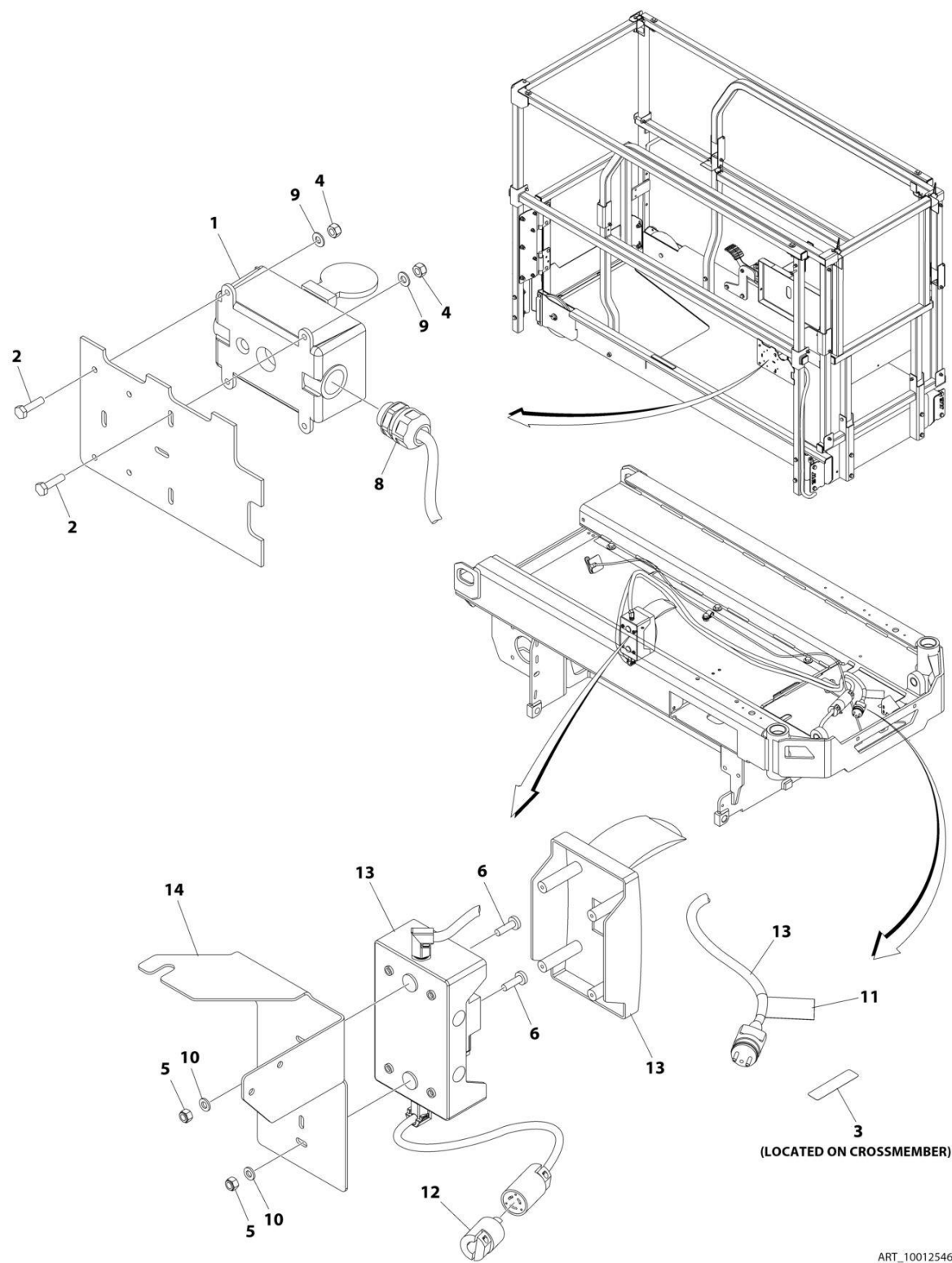
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FIGURE 7-4. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND (CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001254636	Ref	AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND	A
1	0275452	1	Receptacle Box Kit - 220V CEE7 Post Ground (See Separate Breakdown in this Section)	
2	0760408	4	Bolt M4 x 16	
3	3252507	1	Decal - AC Power	
4	3290405	4	Nut M4	
5	3290605	2	Nut M6	
6	4010610	2	Screw M6 x 20	
7	4240017	AR	Tie-Strap (Not Shown)	
8	4460662	1	Connector, Strain Relief	
9	4811400	4	Washer M4	
10	4811700	4	Washer M6	
11	1001102258	1	Decal - AC Label	
12	1001120204	1	Plug, Male Twist	
13	1001209482	1	Breaker Box Kit (See Separate Breakdown in this Section)	
14	1001253280	1	Bracket	

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



ART_1001254637

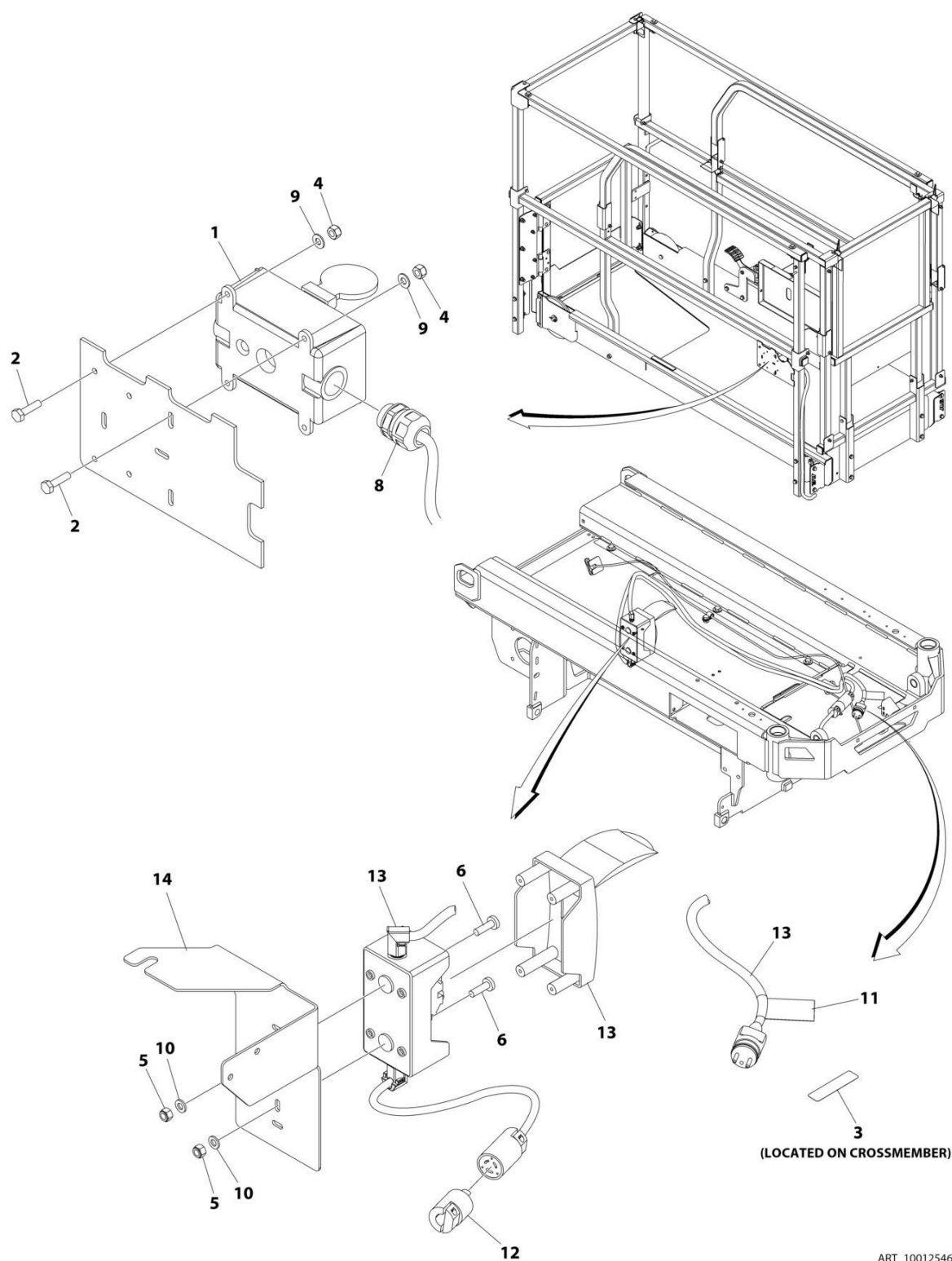
SECTION 7 - ELECTRICAL

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001254637	Ref	AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND	A
1	0275453	1	Receptacle Box Kit - 220V CEE7 Side Ground (See Separate Breakdown in this Section)	
2	0760408	4	Bolt M4 x 16	
3	3252507	1	Decal - AC Power	
4	3290405	4	Nut M4	
5	3290605	2	Nut M6	
6	4010610	2	Screw M6 x 20	
7	4240017	AR	Tie-Strap (Not Shown)	
8	4460662	1	Connector, Strain Relief	
9	4811400	4	Washer M4	
10	4811700	4	Washer M6	
11	1001102258	1	Decal - AC Label	
12	1001120204	1	Plug, Male Twist	
13	1001209482	1	Breaker Box Kit (See Separate Breakdown in this Section)	
14	1001253280	1	Bracket	

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



ART_1001254638

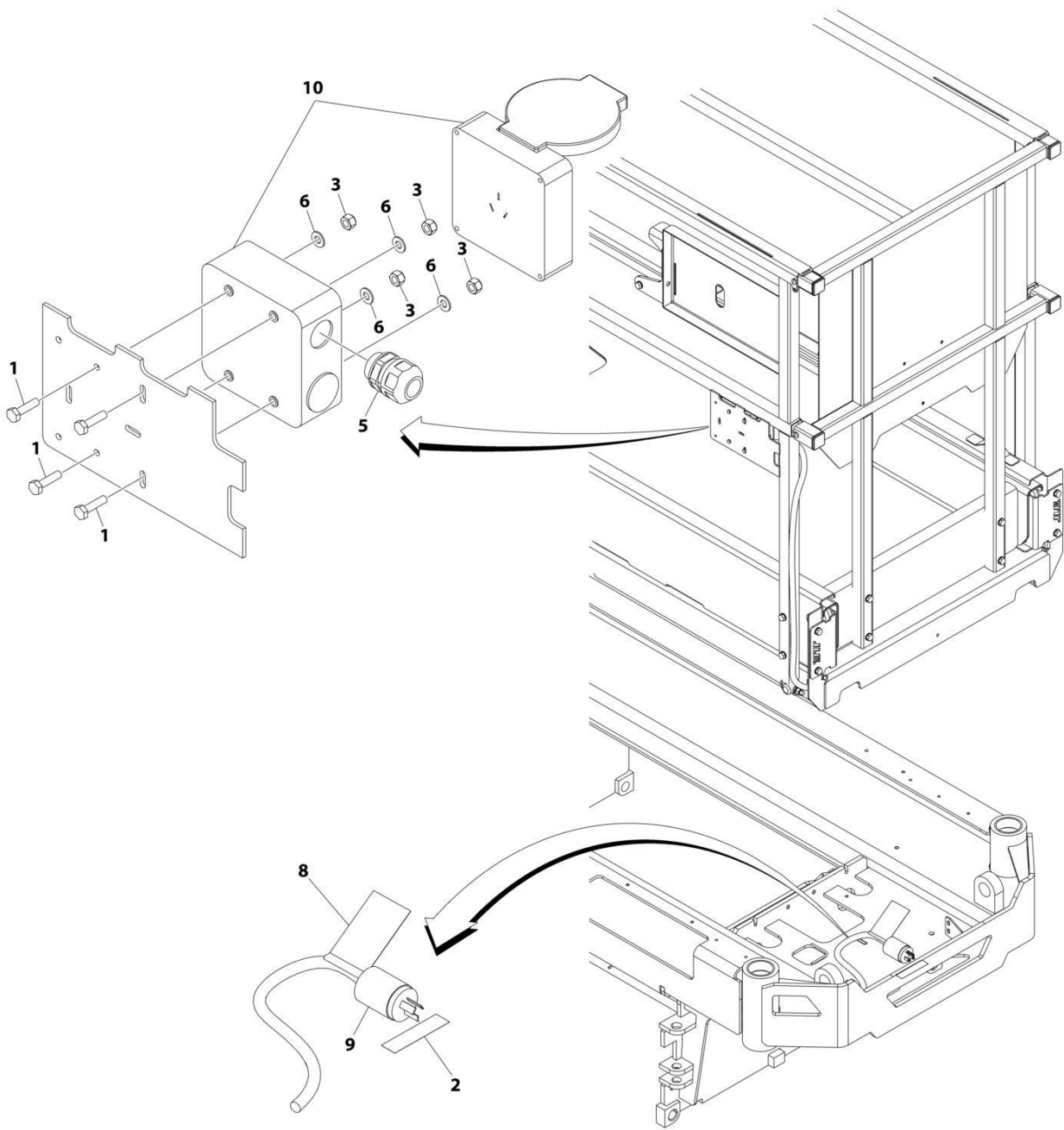
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FIGURE 7-6. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 (CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001254638	Ref	AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107	A
1	0275454	1	Receptacle Box Kit - 220V AFSINT 107 (See Separate Breakdown in this Section)	
2	0760408	4	Bolt M4 x 16	
3	3252507	1	Decal - AC Power	
4	3290405	4	Nut M4	
5	3290605	2	Nut M6	
6	4010610	2	Screw M6 x 20	
7	4240017	AR	Tie-Strap (Not Shown)	
8	4460662	1	Connector, Strain Relief	
9	4811400	4	Washer M4	
10	4811700	4	Washer M6	
11	1001102258	1	Decal - AC Label	
12	1001120204	1	Plug, Male Twist	
13	1001209776	1	Breaker Box Kit (See Separate Breakdown in this Section)	
14	1001253280	1	Bracket	

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



ART_1001208938

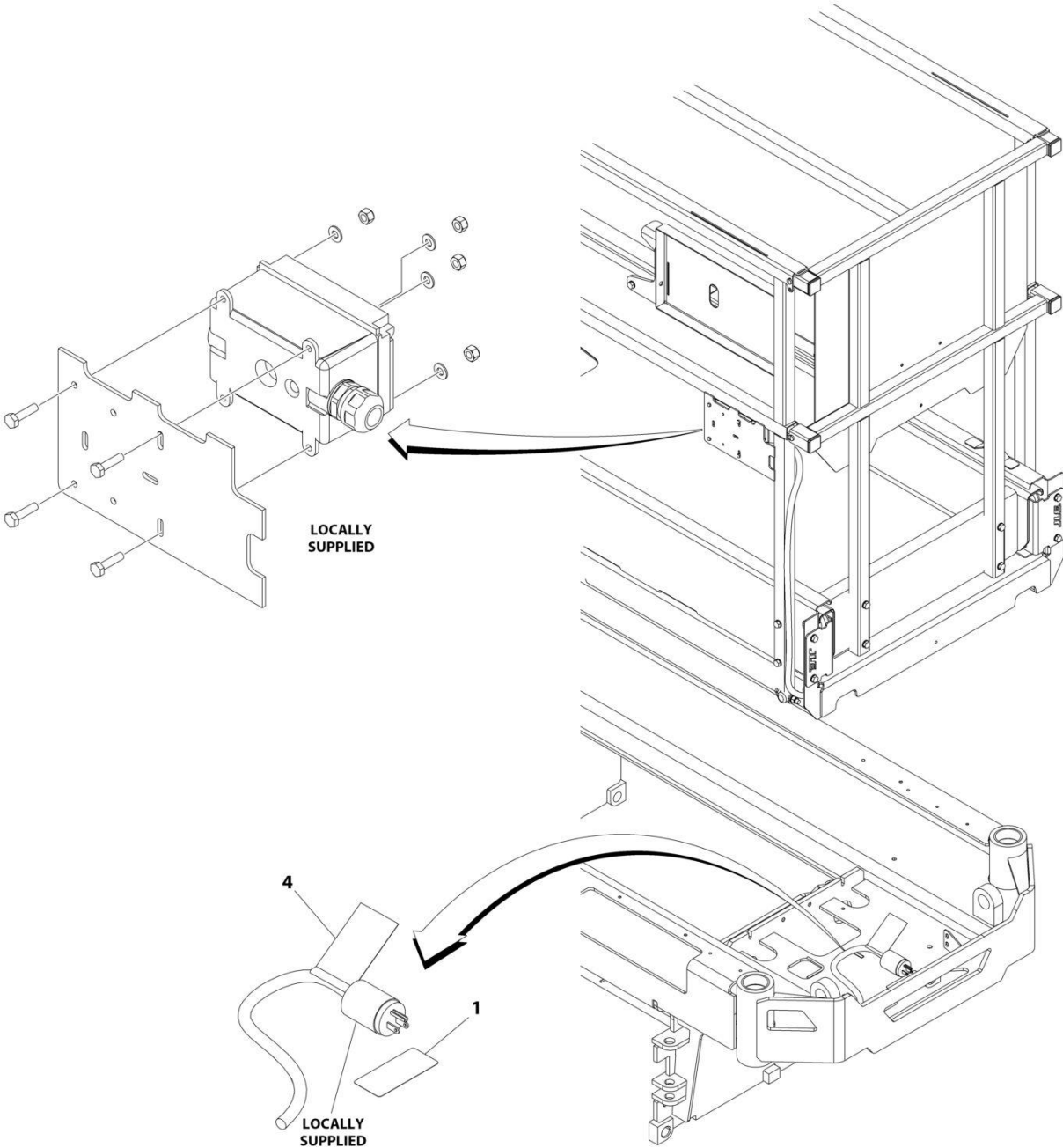
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FIGURE 7-7. AC BOX AT PLATFORM INSTALLATION - 220V CHINA PLUG (CHINA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001208938	Ref	AC BOX AT PLATFORM INSTALLATION - 220V CHINA PLUG	B
1	0760408	4	Bolt M4 x 16	
2	3252507	1	Decal - 220 Volt	
3	3290405	4	Nut M4	
4	4460315	1	Terminal (Not Shown)	
5	4460968	1	Connector, Strain Relief	
6	4811400	4	Washer M4	
8	1001102258	1	Decal - AC Label	
9	1001187816	1	Plug	
10	1001188116	1	Box	
11	4240017	AR	Tie-Strap (Not Shown)	

SECTION 7 - ELECTRICAL

FIGURE 7-8. AC BOX AT PLATFORM INSTALLATION - 220V LOCALLY SUPPLIED COMPONENTS
(ALL SPECS)



ART_1001208931

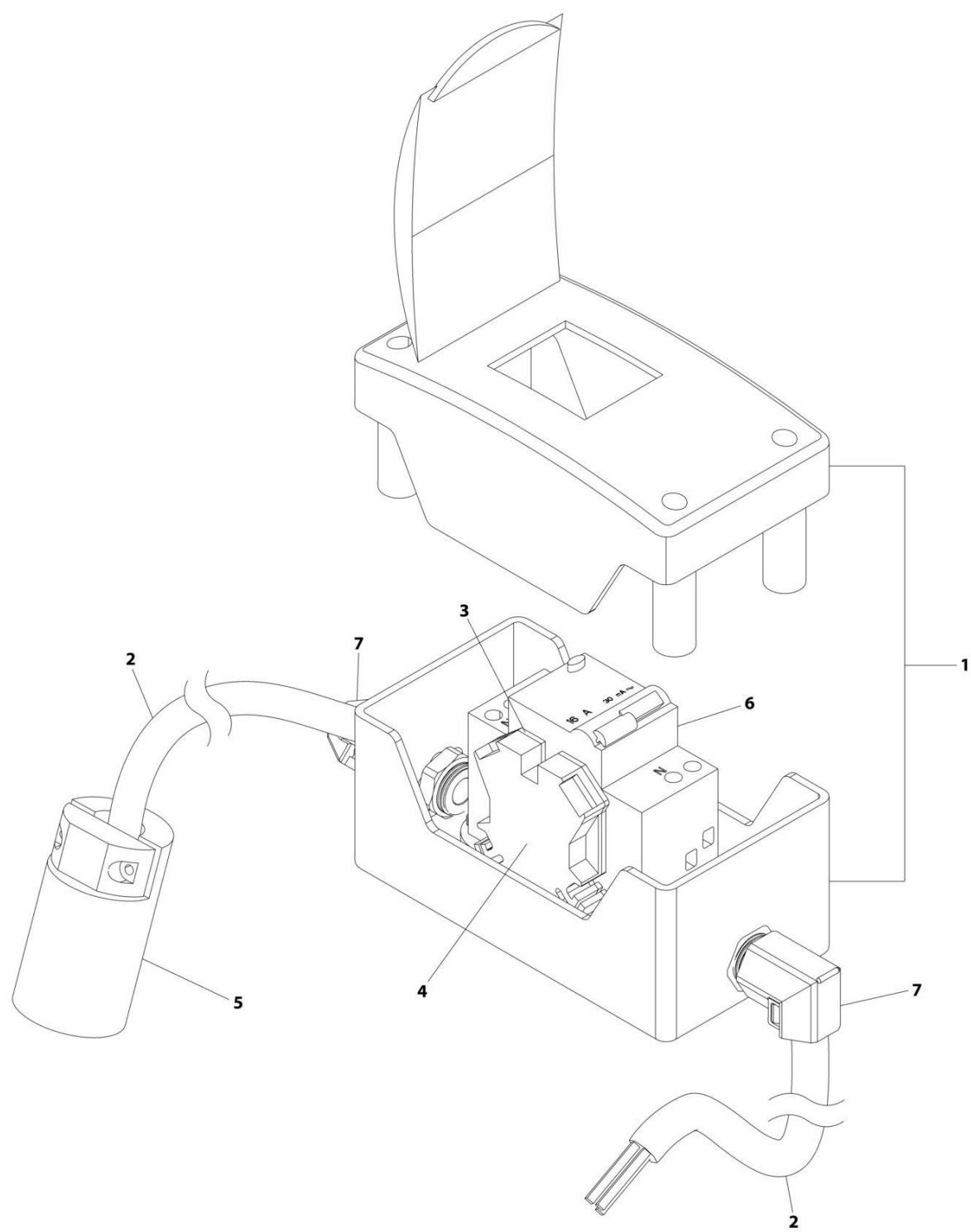
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**FIGURE 7-8. AC BOX AT PLATFORM INSTALLATION - 220V LOCALLY SUPPLIED COMPONENTS
(ALL SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001208931	Ref	AC BOX AT PLATFORM INSTALLATION - 220V LOCALLY SUPPLIED COMPONENTS	C
1	3252507	1	Decal - 220 Volt	
4	1001102258	1	Decal - AC Label	
5	4240017	AR	Tie-Strap (Not Shown)	

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FIGURE 7-9. BREAKER BOX KIT WITH 1 DOUBLE BREAKER



ART_1001209776

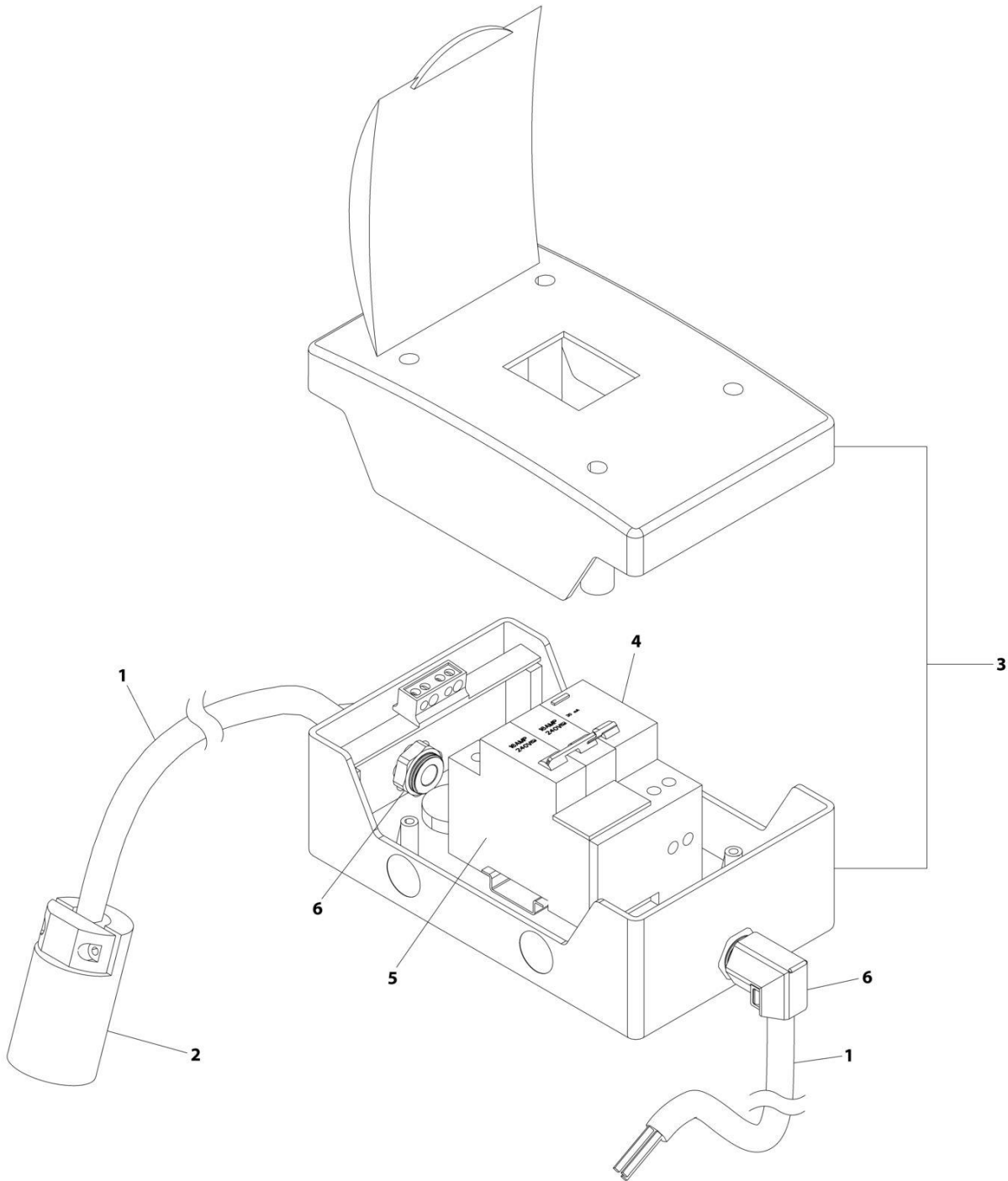
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FIGURE 7-9. BREAKER BOX KIT WITH 1 DOUBLE BREAKER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209776	Ref	BREAKER BOX KIT WITH 1 DOUBLE BREAKER	F
1	0861880	1	Box	
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	

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FIGURE 7-10. BREAKER BOX KIT WITH 3 BREAKERS



ART_1001209482

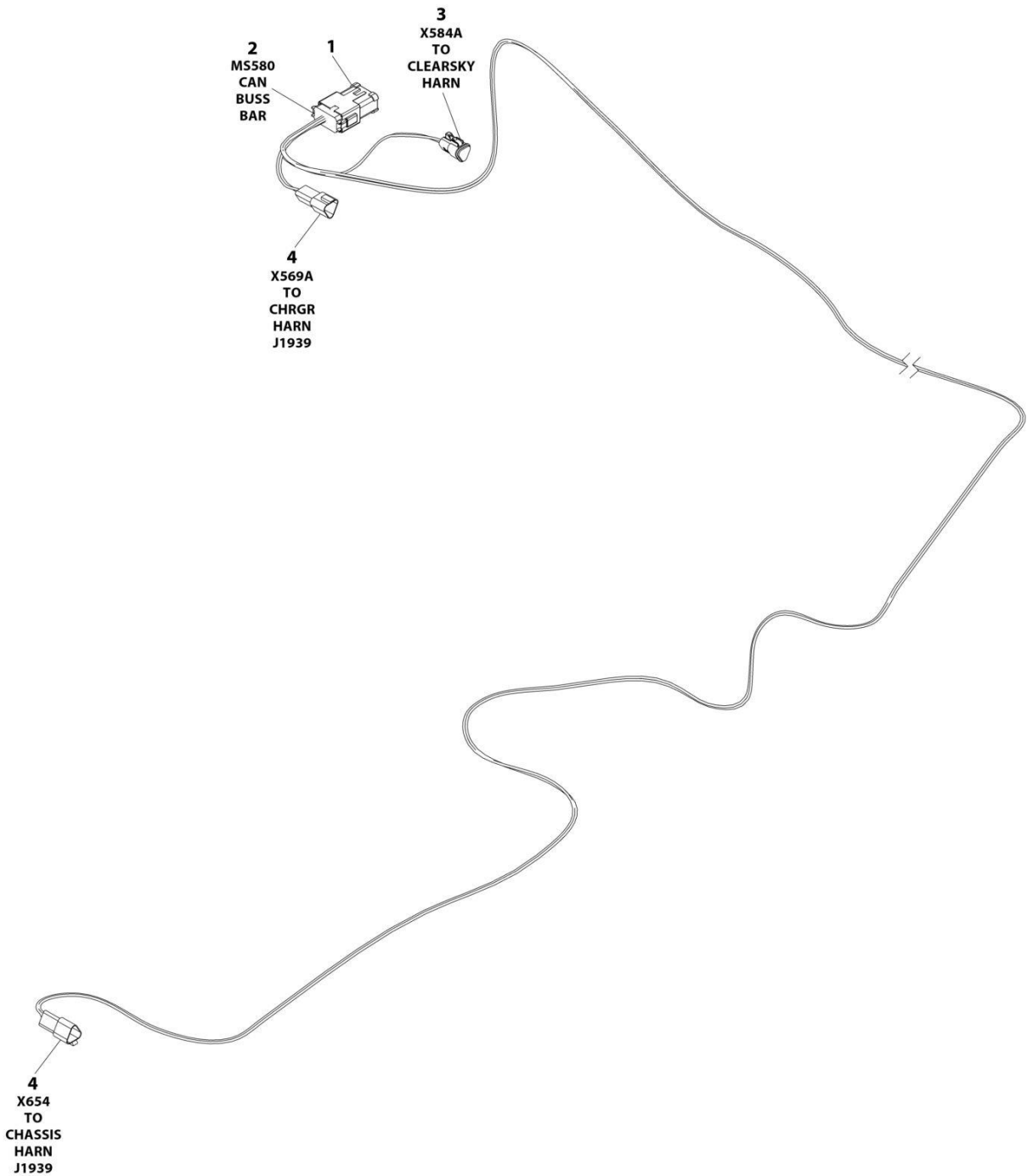
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FIGURE 7-10. BREAKER BOX KIT WITH 3 BREAKERS

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	

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FIGURE 7-11. CAN SPLICE HARNESS



ART_1001254027

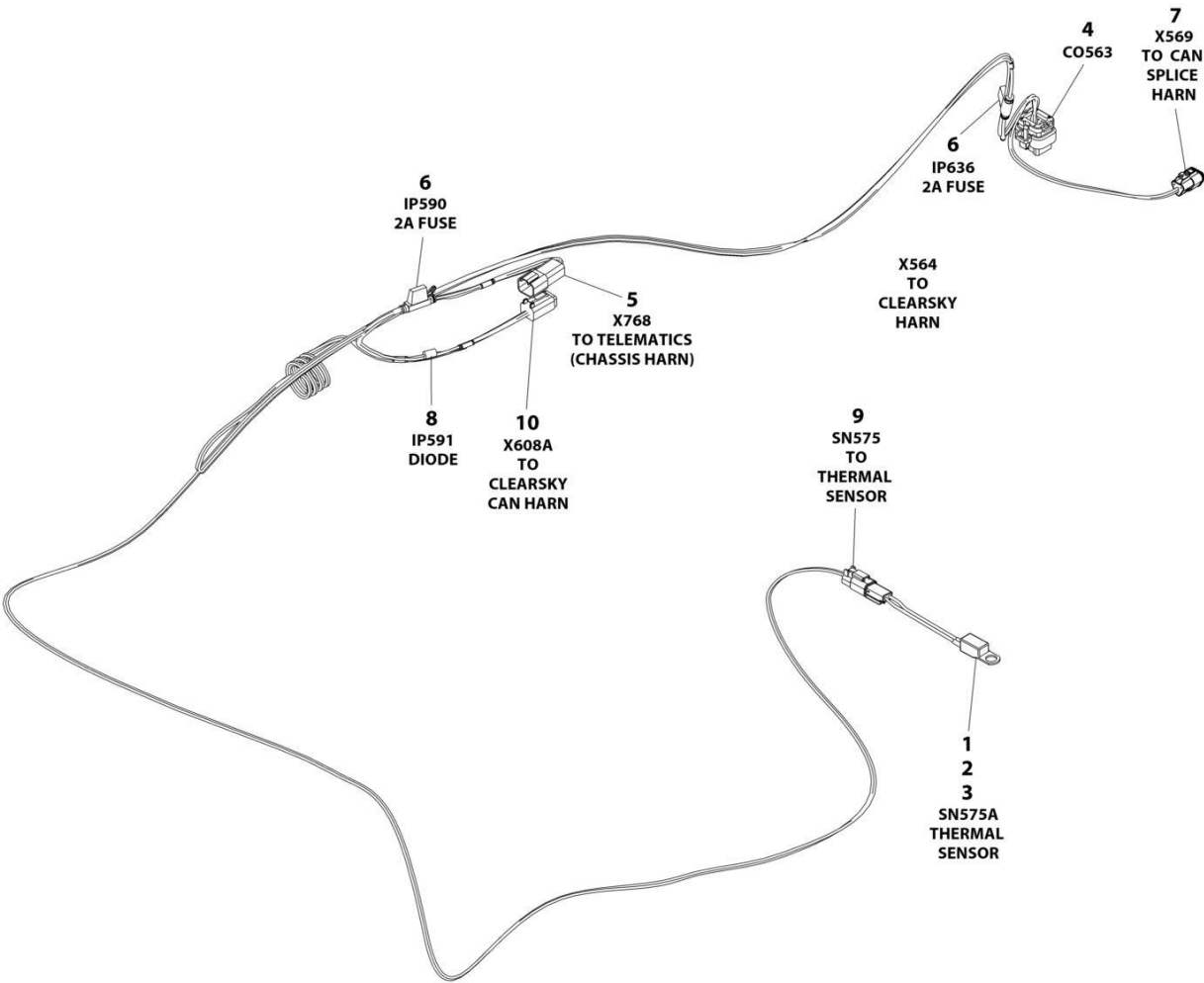
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FIGURE 7-11. CAN SPLICE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001254027	Ref	CAN SPLICE HARNESS	A
1	1001125677	1	Connector, Bus Bar - 12 Position	
2	4460933	1	Plug, Male - 12 Position	
2	4460944	6	Socket, Female	
2	4460466	6	Plug, Terminal	
3	1001118812	1	Plug, Male - 3 Position	
3	4460944	2	Socket, Female	
3	4460466	1	Plug, Terminal	
4	1001144147	2	Receptacle, Female - 3 Position	
4	4460943	4	Pin, Male	
4	4460466	2	Plug, Terminal	

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FIGURE 7-12. CHARGER HARNESS (CHARGER WITH COMMUNICATION PORT)



ART_1001254028_C

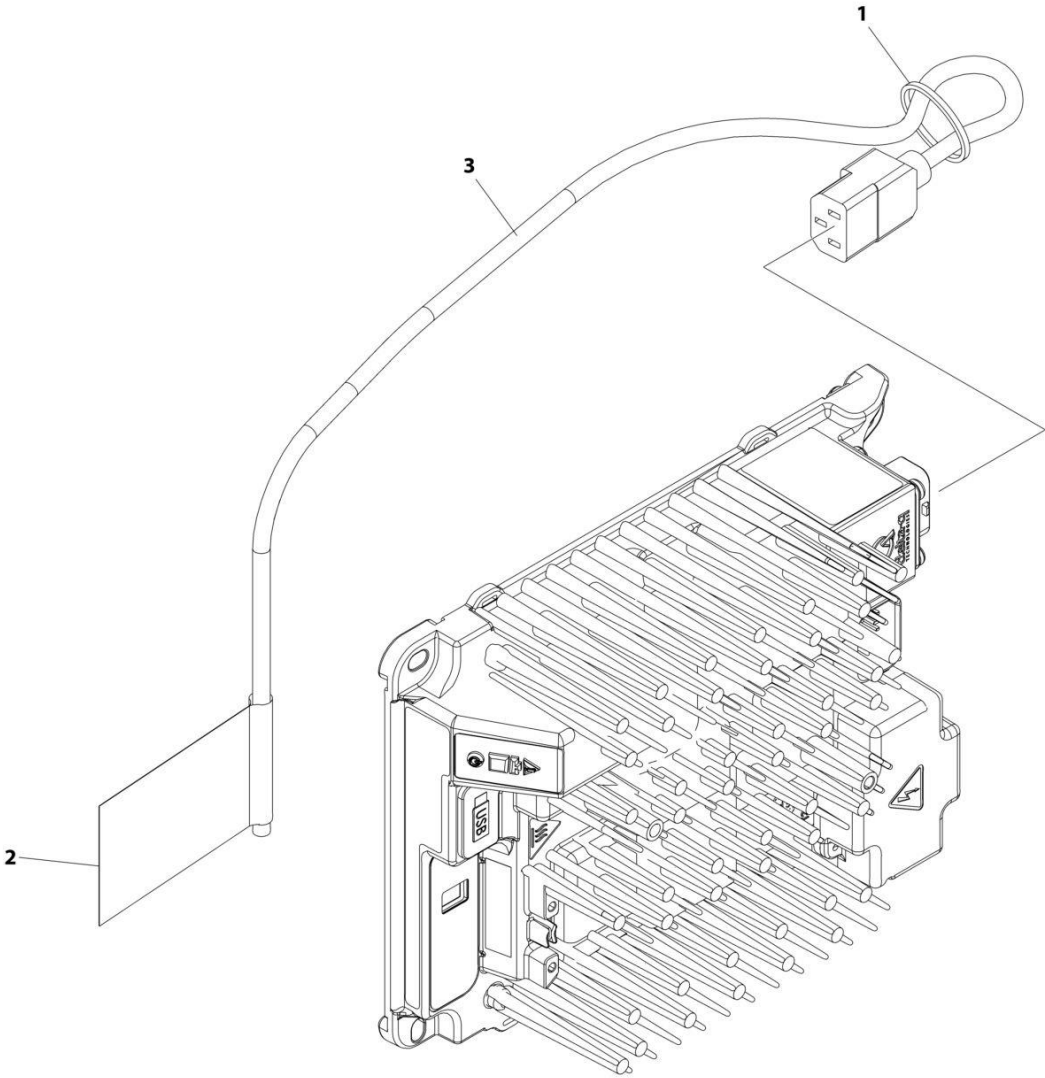
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FIGURE 7-12. CHARGER HARNESS (CHARGER WITH COMMUNICATION PORT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001254028	Ref	CHARGER HARNESS	C
1	4460464	2	Pin, Male	
2	4460897	1	Receptacle, Female - 2 Position	
3	1001102771	1	Sensor, Temperature	
4	4460872	1	Connector - 14 Position	
4	4460871	6	Terminal	
4	4460905	8	Plug, Terminal	
5	4460932	1	Receptacle, Female - 4 Position	
5	4460464	1	Pin, Male	
6	2400060	2	Fuseholder With Cover	
6	1001196634	2	Fuse 2A	
7	1001116812	1	Plug, Male - 3 Position	
7	4460944	2	Socket, Female	
7	4460466	1	Plug, Terminal	
8	3990001	1	Diode	
9	4460891	1	Plug, Male - 2 Position	
9	4460465	2	Socket, Female	
10	4460884	1	Plug, Male - 4 Position	
10	4460465	4	Socket, Female	

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FIGURE 7-13. CHARGER PLUG INSTALLATION - LOCALLY SUPPLIED PLUG (ALL SPECS)
(R1932i/R1932)



ART_1001248631

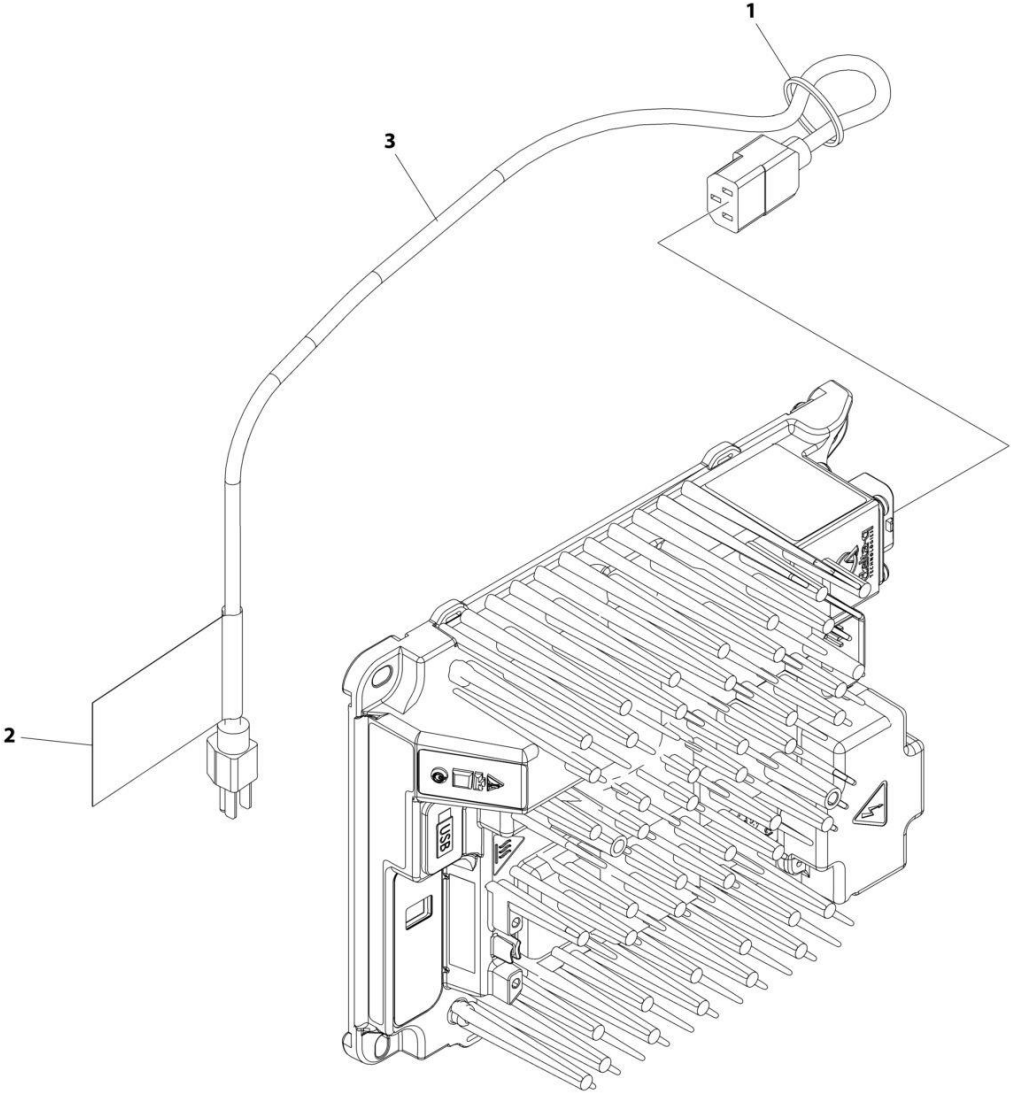
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**FIGURE 7-13. CHARGER PLUG INSTALLATION - LOCALLY SUPPLIED PLUG (ALL SPECS)
(R1932I/R1932)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248631	Ref	CHARGER PLUG INSTALLATION	B
1	4240017	AR	Tie-Strap	
2	1001102489	1	Decal - Charger	
3	1001207974	1	Cable, Charger Plug (No Plug)	

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FIGURE 7-14. CHARGER PLUG INSTALLATION - 110V PLUG (ALL SPECS EXCEPT AUSTRALIAN, CE, KOREA & UK CA SPECS) (R1932I/R1932)



ART_1001248632

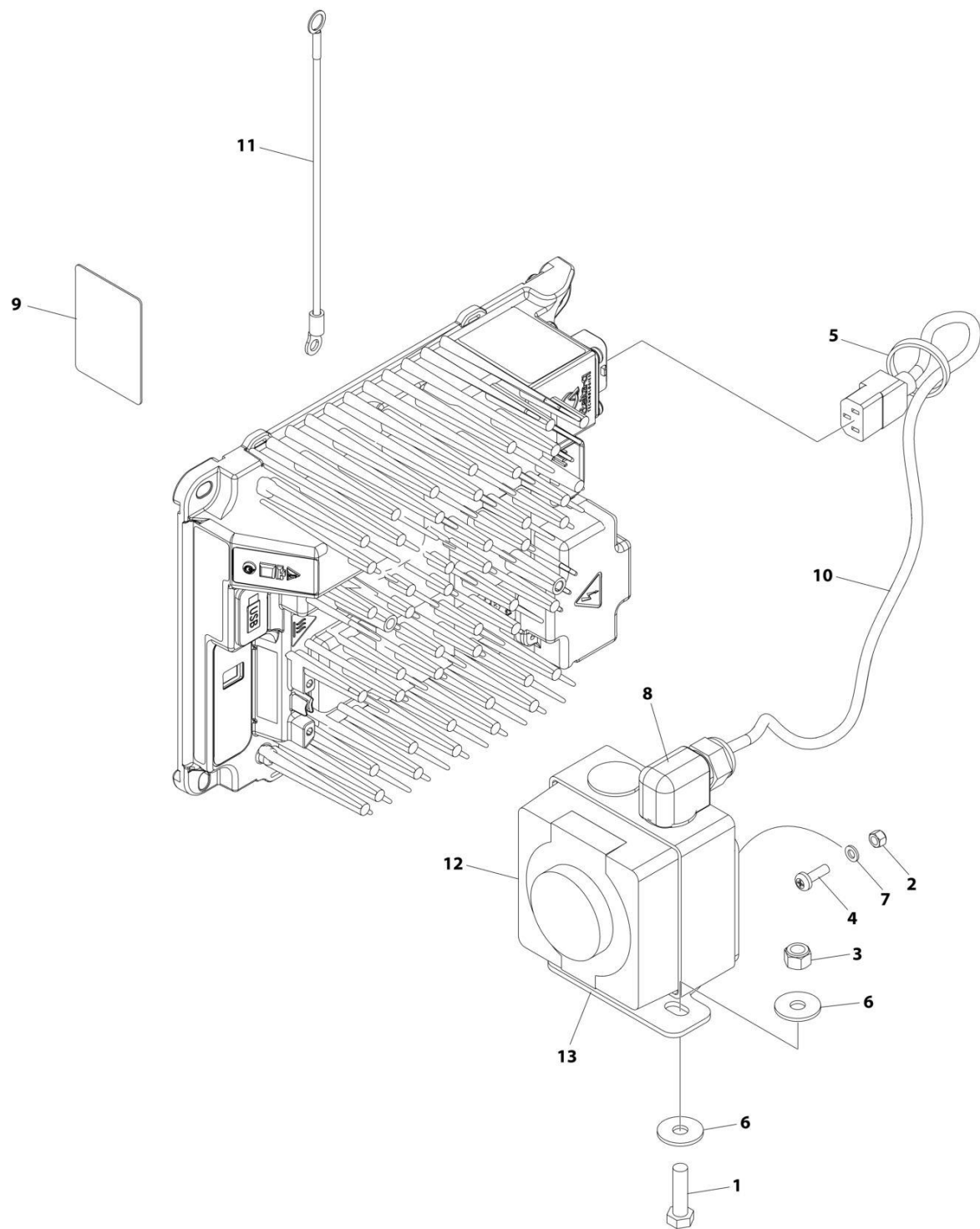
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FIGURE 7-14. CHARGER PLUG INSTALLATION - 110V PLUG (ALL SPECS EXCEPT AUSTRALIAN, CE, KOREA & UK CA SPECS) (R1932i/R1932)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248632	Ref	CHARGER PLUG INSTALLATION	B
1	4240017	AR	Tie-Strap	
2	1001102489	1	Decal - Charger	
3	1001207970	1	Cable, Charger Plug	

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FIGURE 7-15. CHARGER PLUG INSTALLATION (AUSTRALIAN PLUG) (R1932i/R1932)



ART_1001248633

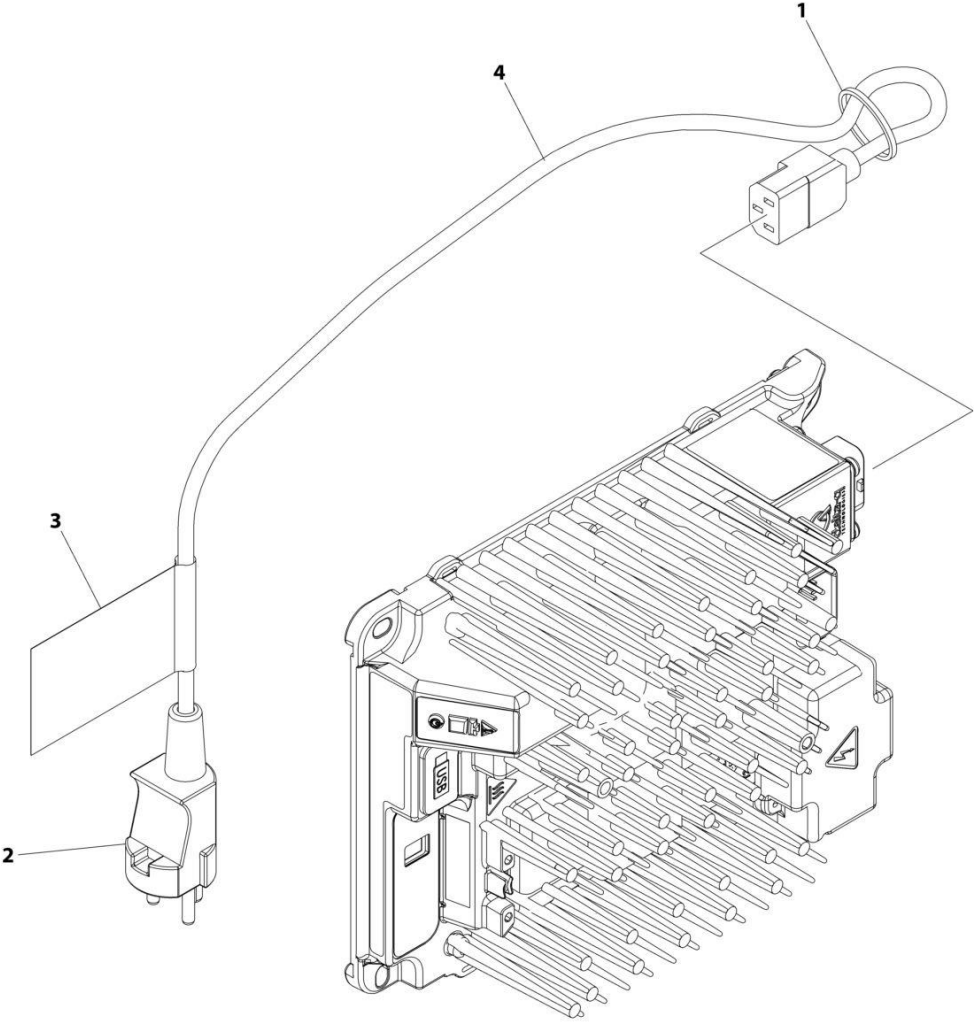
SECTION 7 - ELECTRICAL

FIGURE 7-15. CHARGER PLUG INSTALLATION (AUSTRALIAN PLUG) (R1932I/R1932)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248633	Ref	CHARGER PLUG INSTALLATION	C
1	0700814	2	Bolt M8 x 30	
2	3290505	4	Nut M5	
3	3290805	2	Nut M8	
4	3900381	4	Screw M5 x 16	
5	4240017	AR	Tie-Strap	
6	4811902	4	Washer M8	
7	4831600	4	Lockwasher M5	
8	1001103471	1	Connector, Strain Relief 90	
9	1001134280	1	Decal - Charger	
10	1001207974	1	Cable, Charger Plug (No Plug)	
11	1001227219	1	Harness, Earth/Ground	
12	1001227267	1	Inlet Socket/Box Assembly	
13	1001256503	1	Bracket	

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FIGURE 7-16. CHARGER PLUG INSTALLATION - 220V AFSINT 107 (CE & UK CA SPEC)
(R1932i/R1932)



ART_1001258770

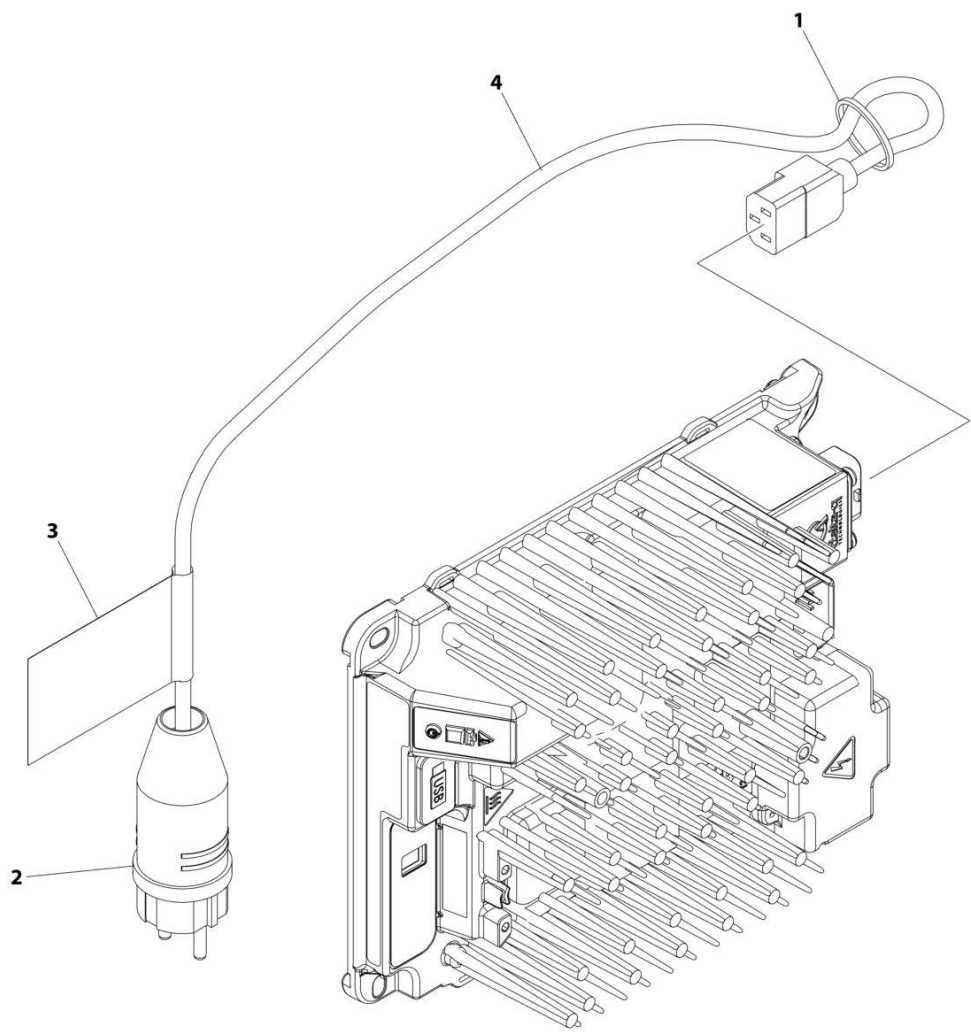
SECTION 7 - ELECTRICAL

**FIGURE 7-16. CHARGER PLUG INSTALLATION - 220V AFSINT 107 (CE & UK CA SPEC)
(R1932I/R1932)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258770	Ref	CHARGER PLUG INSTALLATION	A
1	4240017	AR	Tie-Strap	
2	4461249	1	Terminal	
3	1001102489	1	Decal - Charger	
4	1001207974	1	Cable, Charger Plug (No Plug)	

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FIGURE 7-17. CHARGER PLUG INSTALLATION - 220V CEE7 PLUG (CE & UK CA SPECS)
(R1932i/R1932)



ART_1001258768

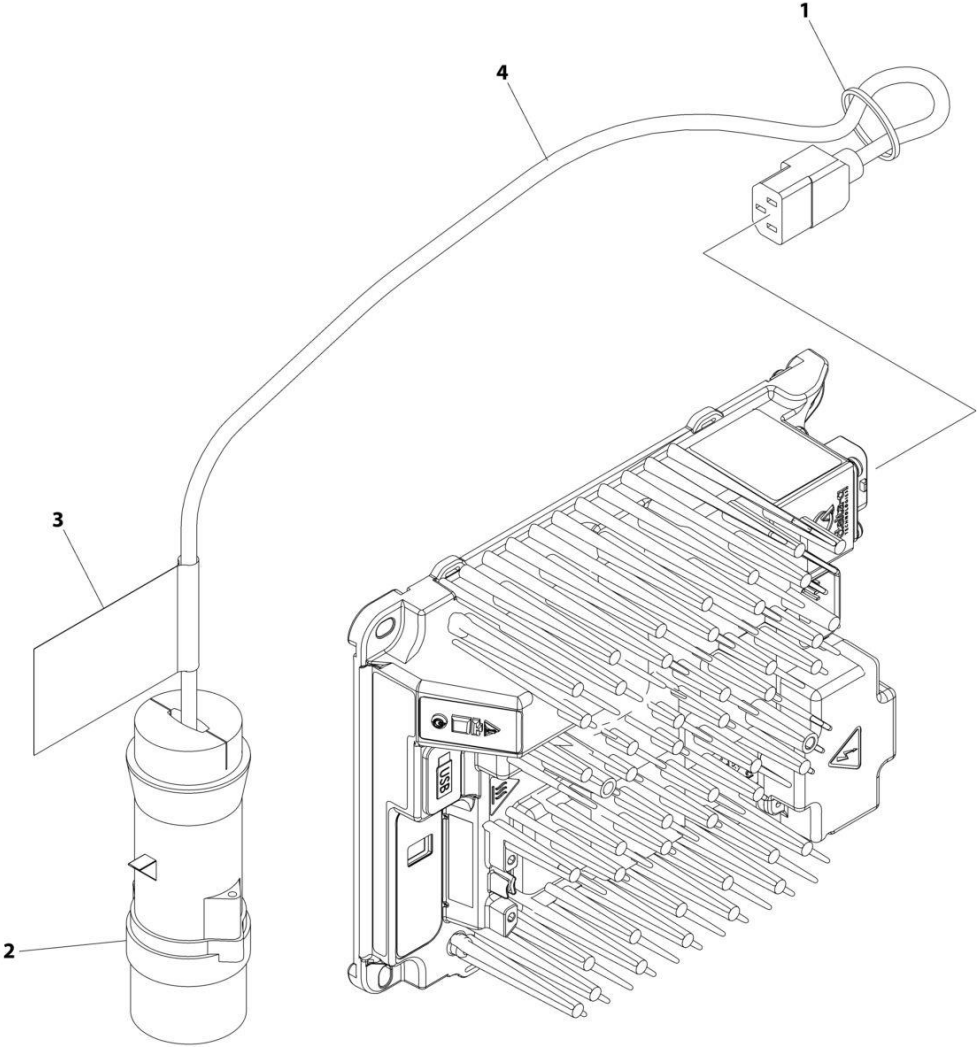
SECTION 7 - ELECTRICAL

**FIGURE 7-17. CHARGER PLUG INSTALLATION - 220V CEE7 PLUG (CE & UK CA SPECS)
(R1932I/R1932)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258768	Ref	CHARGER PLUG INSTALLATION	A
1	4240017	AR	Tie-Strap	
2	4461205	1	Terminal	
3	1001102489	1	Decal - Charger	
4	1001207974	1	Cable, Charger Plug (No Plug)	

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FIGURE 7-18. CHARGER PLUG INSTALLATION - 110V IEC YELLOW (CE & UK CA SPEC)
(R1932i/R1932)



ART_1001258771

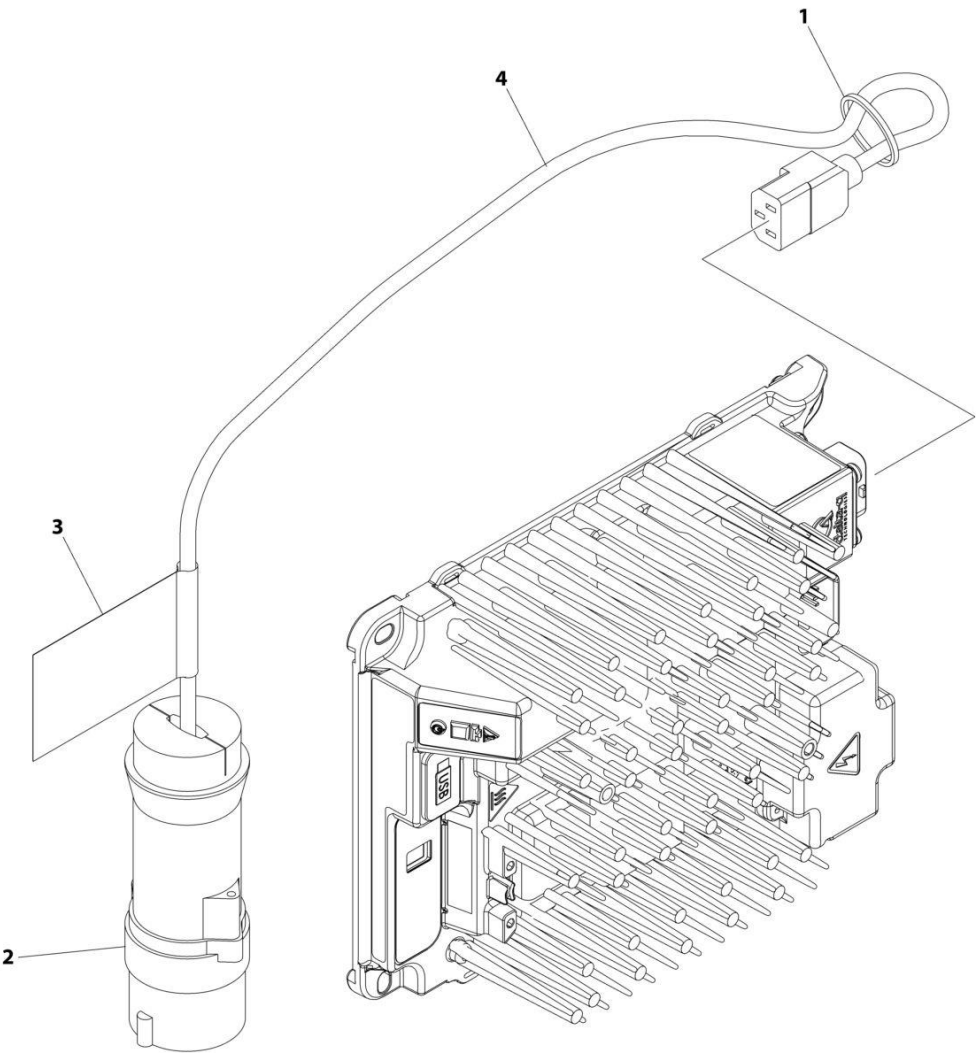
SECTION 7 - ELECTRICAL

**FIGURE 7-18. CHARGER PLUG INSTALLATION - 110V IEC YELLOW (CE & UK CA SPEC)
(R1932i/R1932)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258771	Ref	CHARGER PLUG INSTALLATION	A
1	4240017	AR	Tie-Strap	
2	4461196	1	Terminal	
3	1001102489	1	Decal - Charger	
4	1001207974	1	Cable, Charger Plug (No Plug)	

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FIGURE 7-19. CHARGER PLUG INSTALLATION - 220V IEC BLUE (CE & UK CA SPEC)
(R1932i/R1932)



ART_1001258772

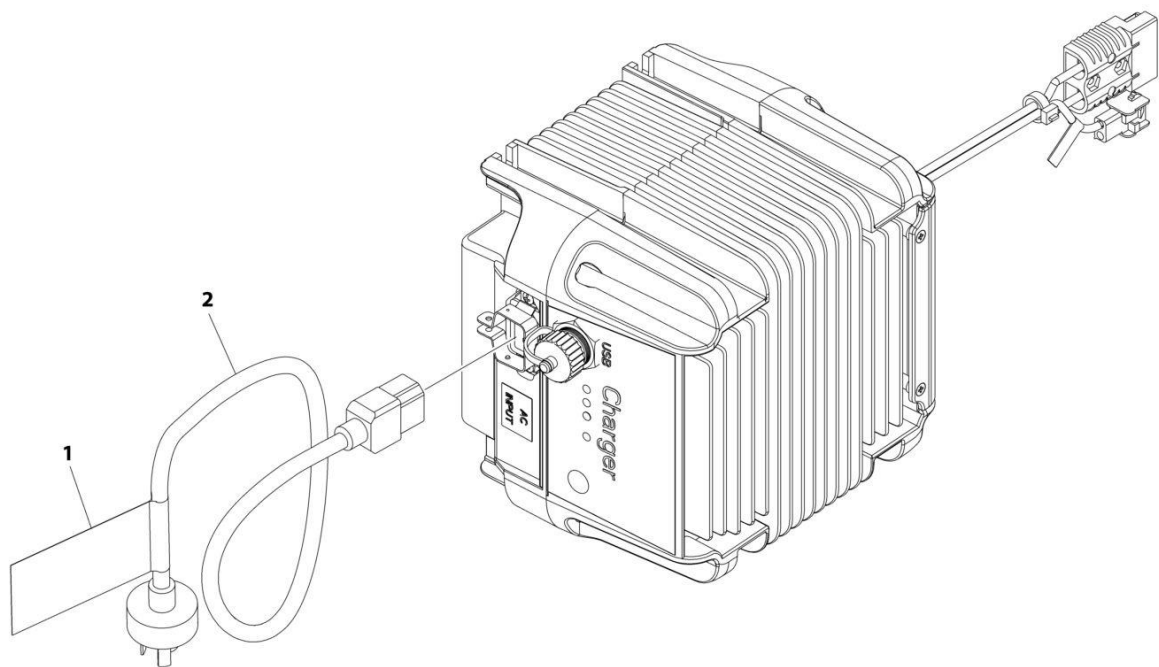
SECTION 7 - ELECTRICAL

**FIGURE 7-19. CHARGER PLUG INSTALLATION - 220V IEC BLUE (CE & UK CA SPEC)
(R1932I/R1932)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258772	Ref	CHARGER PLUG INSTALLATION	A
1	4240017	AR	Tie-Strap	
2	4461199	1	Terminal	
3	1001102489	1	Decal - Charger	
4	1001207974	1	Cable, Charger Plug (No Plug)	

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FIGURE 7-20. CHARGER PLUG INSTALLATION (CHINA PLUG) (R1932i/R1932)



ART_1001263294

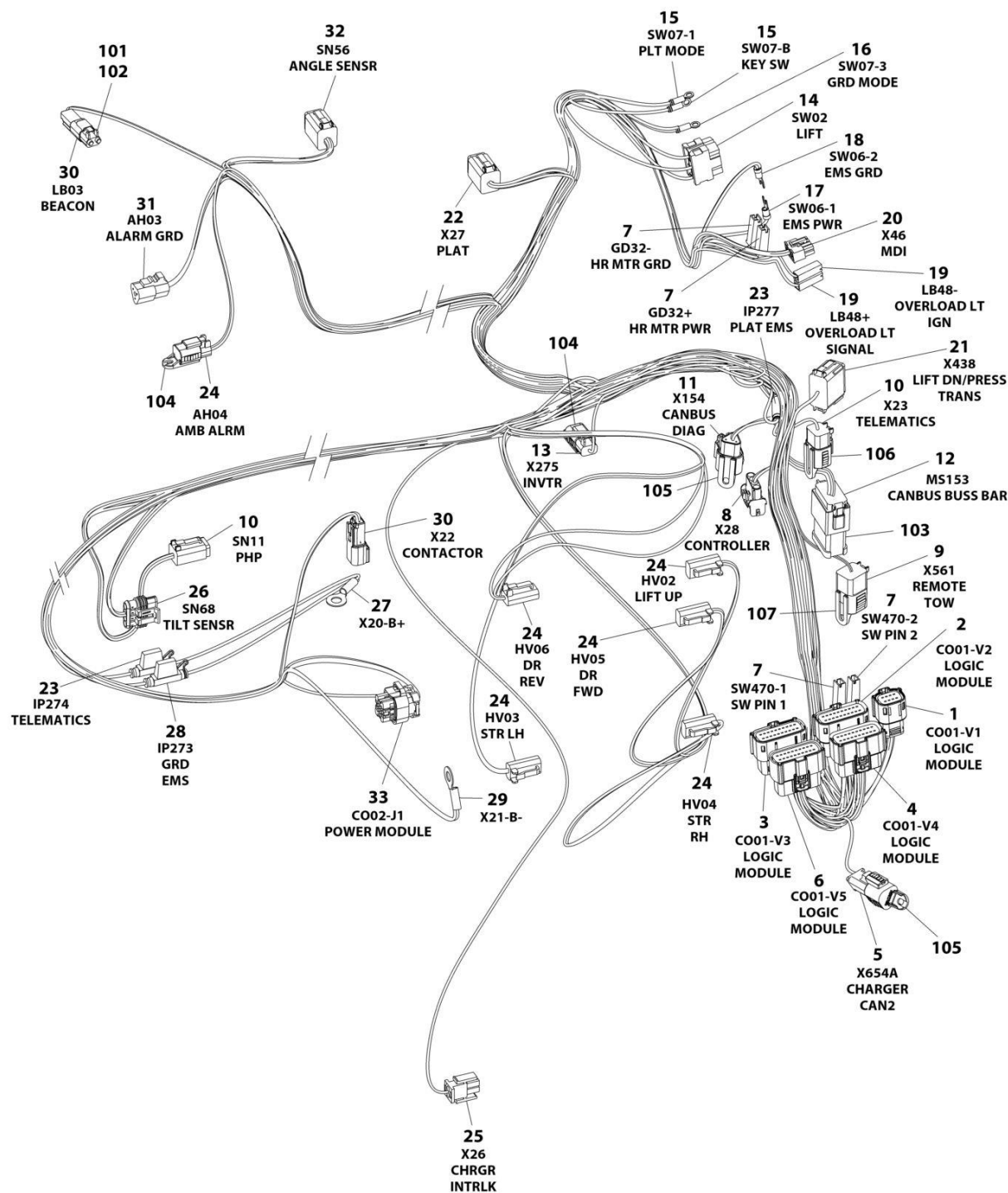
SECTION 7 - ELECTRICAL

FIGURE 7-20. CHARGER PLUG INSTALLATION (CHINA PLUG) (R1932i/R1932)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263294	Ref	CHARGER PLUG INSTALLATION	A
1	1001102489	1	Decal - Charger Label	
2	1001207973	1	Cable, Charger AC Input	

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FIGURE 7-21. CHASSIS HARNESS



SECTION 7 - ELECTRICAL

FIGURE 7-21. CHASSIS HARNESS

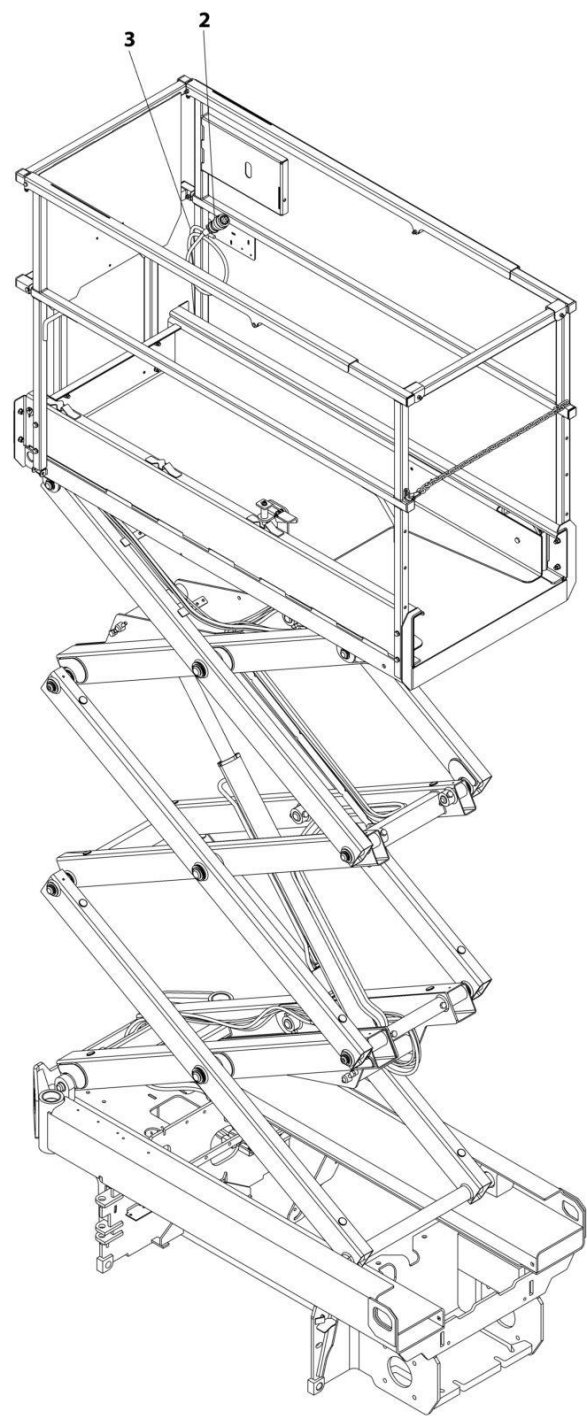
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001254114	Ref	CHASSIS HARNESS	C
1	1001205409	1	Connector - 8 Position	
1	1001162887	8	Terminal	
2	1001205410	1	Connector - 20 Position	
2	1001162887	15	Terminal	
2	1001163340	5	Plug, Terminal	
3	1001162886	1	Connector - 20 Position	
3	1001162887	15	Terminal	
3	1001163340	5	Plug, Terminal	
4	1001205411	1	Connector - 20 Position	
4	1001162887	17	Terminal	
4	1001163340	3	Plug, Terminal	
5	4460965	1	Connector - 3 Position	
5	4460944	2	Socket, Female	
5	4460466	1	Plug, Terminal	
6	1001205412	1	Connector - 20 Position	
6	1001162887	19	Terminal	
6	1001163340	1	Plug, Terminal	
7	4460260	4	Cover, Terminal	
7	4460259	4	Terminal	
8	4460761	1	Plug, Male - 4 Position	
8	4460227	4	Socket, Female	
9	4460894	1	Plug, Male - 6 Position	
9	4460465	4	Socket, Female	
9	4460466	2	Plug, Terminal	
10	4460884	2	Plug, Male - 4 Position	
10	4460465	8	Socket, Female	
11	1001116812	1	Receptacle, Female - 3 Position	
11	4460944	2	Pin, Male	
11	4460466	1	Plug, Terminal	
12	4460933	1	Plug, Male - 12 Position	
12	4460944	12	Socket, Female	
13	4460891	1	Plug, Male - 2 Position	
13	4460465	1	Socket, Female	
13	4460466	1	Plug, Terminal	
14	4460418	1	Connector - 6 Position	
14	1001159186	3	Terminal	
15	4460247	2	Terminal, Ring	
16	4460042	1	Terminal, Ring	
17	4460183	1	Terminal, Ring	
18	4460115	1	Terminal, Ring	
19	1001117000	2	Cover, Terminal	
19	1001118387	2	Terminal	
20	1001151629	1	Plug, Male - 8 Position	
20	4461023	2	Terminal	
20	4460877	2	Terminal	
21	4460933	1	Plug, Male - 12 Position	
21	4460944	10	Socket, Female	
21	4460466	2	Plug, Terminal	
22	4460894	1	Plug, Male - 6 Position	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
22	4460465	4	Socket, Female	
22	4460944	2	Socket, Female	
23	2400060	2	Holder/Cover, Fuse	
23	8229242	2	Fuse 5 Amp	
24	4460891	6	Plug, Male - 2 Position	
24	4460465	12	Socket, Female	
25	4460320	1	Plug, Male - 2 Position	
25	4460226	1	Socket, Female	
26	1001103012	1	Plug, Male - 4 Position	
26	1001237212	4	Socket, Female	
26	1001197457	4	Seal, Terminal	
27	8220045	1	Terminal, Ring	
28	2400060	1	Holder/Cover, Fuse	
28	8229244	1	Fuse 15 Amp	
29	4460670	1	Terminal, Ring	
30	4460897	2	Receptacle, Female - 2 Position	
30	4460464	4	Pin, Male	
31	4460539	1	Plug, Male - 3 Position	
31	4460465	3	Socket, Female	
32	4460894	1	Plug, Male - 6 Position	
32	4460465	6	Socket, Female	
33	1001113961	1	Connector - 8 Position	
33	4460871	4	Socket, Female	
33	4460905	4	Plug, Terminal	
101	4460466	2	Plug, Terminal	
102	4460891	1	Plug, Male - 2 Position	
103	1001125677	1	Receptacle, Female Buss Bar - 2x6 Position	
104	1001144295	2	Cap - 2 Position	
105	1001144296	2	Cap - 3 Position	
106	1001192401	1	Cap, Dust	
107	1001213448	1	Cap - 6 Position	

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FIGURE 7-22. GROUND TO PLATFORM CABLE INSTALLATION - R1532I WITHOUT PLATFORM COIL CABLE



ART_1001225490

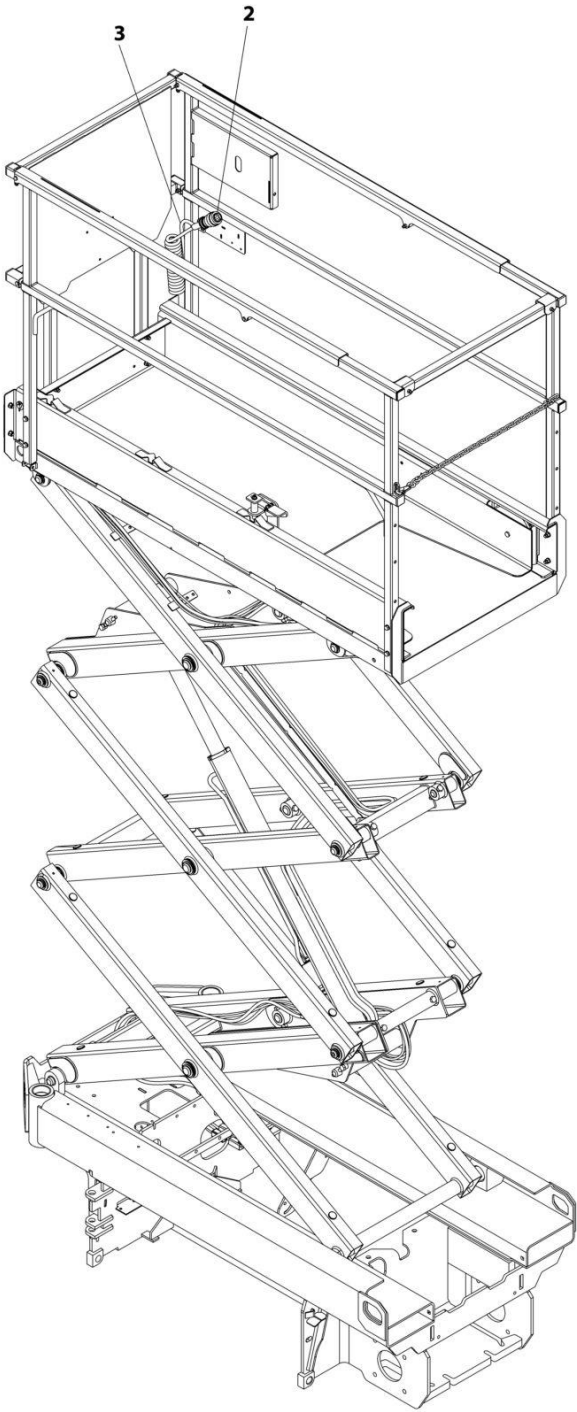
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FIGURE 7-22. GROUND TO PLATFORM CABLE INSTALLATION - R1532I WITHOUT PLATFORM COIL CABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225490	Ref	GROUND TO PLATFORM CABLE INSTALLATION	A
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	1001225377	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	

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FIGURE 7-23. GROUND TO PLATFORM CABLE INSTALLATION - R1532i WITH PLATFORM COIL CABLE



ART_1001225491

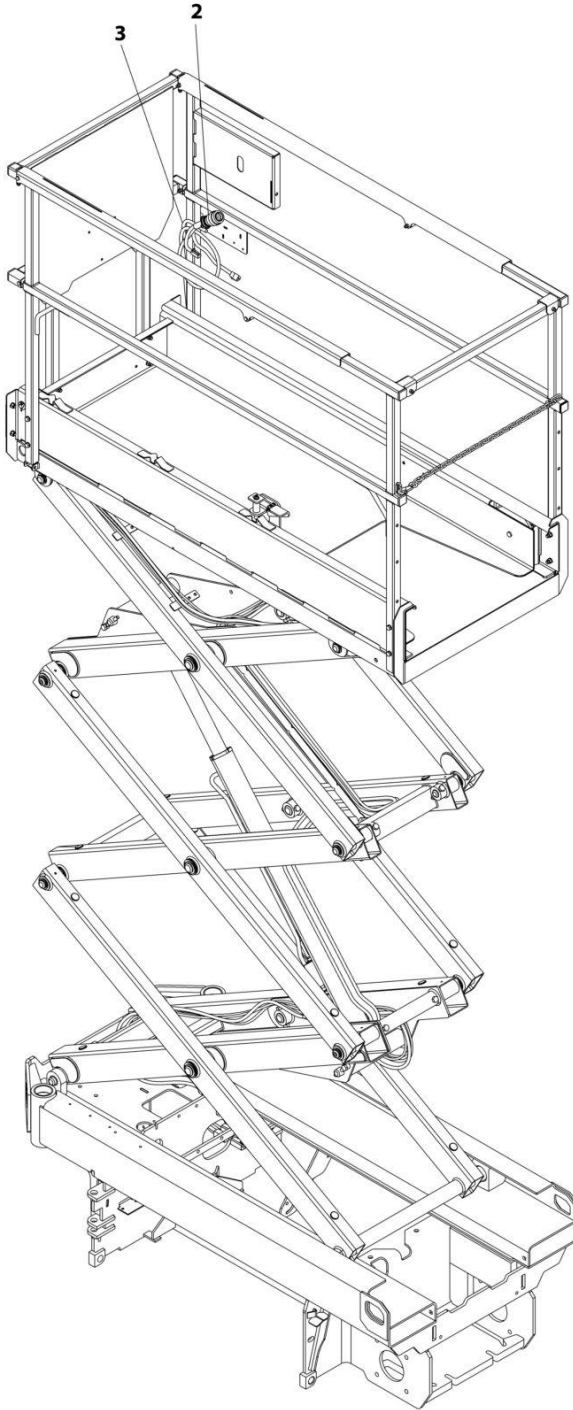
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FIGURE 7-23. GROUND TO PLATFORM CABLE INSTALLATION - R1532I WITH PLATFORM COIL CABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225491	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 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	1001225377	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	

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FIGURE 7-24. GROUND TO PLATFORM CABLE INSTALLATION - R1532I WITHOUT PLATFORM COIL CABLE AND WITH FOOTSWITCH



ART_1001225492

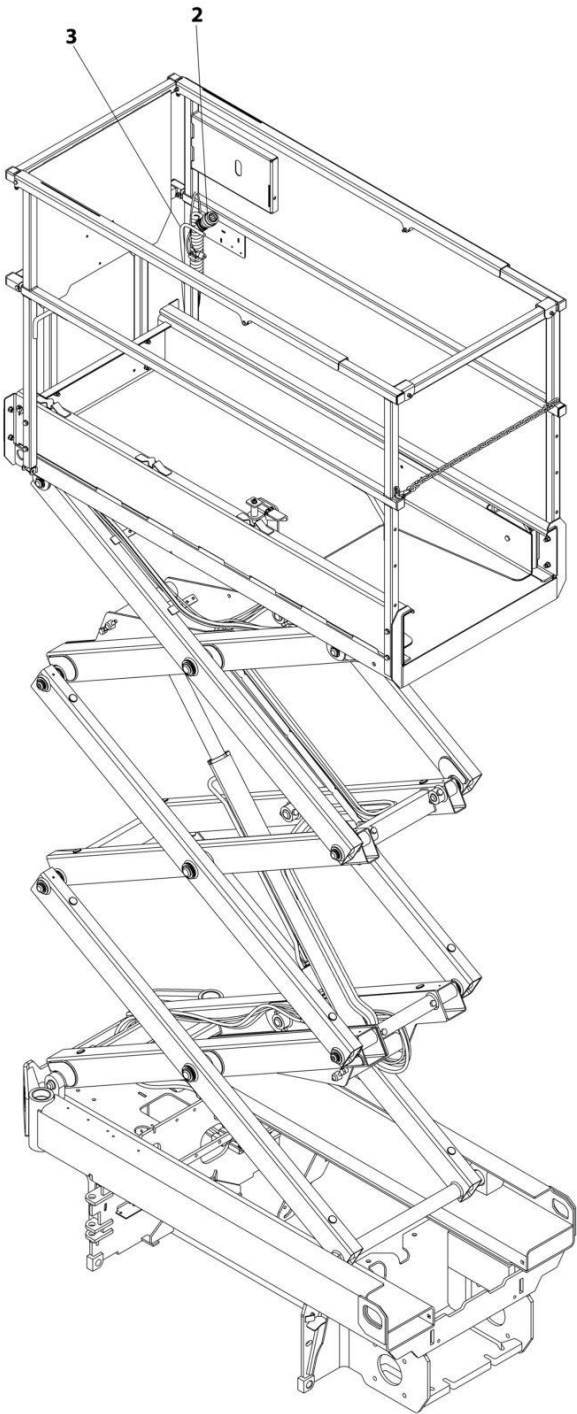
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FIGURE 7-24. GROUND TO PLATFORM CABLE INSTALLATION - R1532i WITHOUT PLATFORM COIL CABLE AND WITH FOOTSWITCH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225492	Ref	GROUND TO PLATFORM CABLE INSTALLATION	A
		Ref	Note: Only Available on Japanese Specs.	
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	1001225377	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	

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FIGURE 7-25. GROUND TO PLATFORM CABLE INSTALLATION - R1532i WITH PLATFORM COIL CABLE AND FOOTSWITCH



ART_1001225493

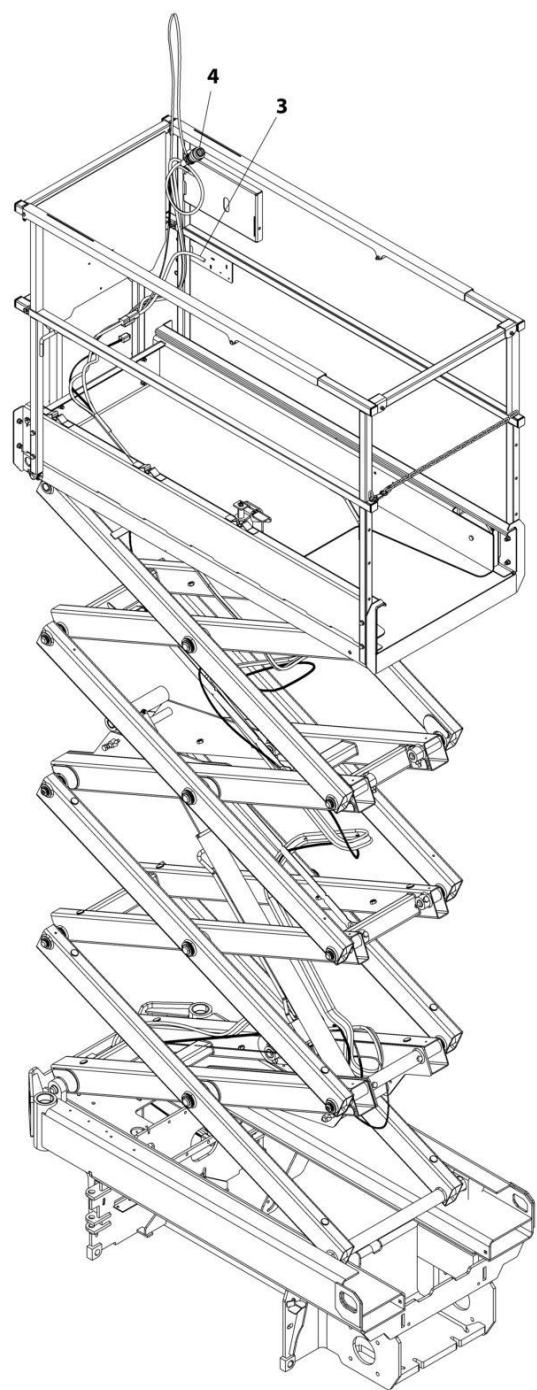
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FIGURE 7-25. GROUND TO PLATFORM CABLE INSTALLATION - R1532I WITH PLATFORM COIL CABLE AND FOOTSWITCH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225493	Ref	GROUND TO PLATFORM CABLE INSTALLATION	A
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	1001225377	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	

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FIGURE 7-26. GROUND TO PLATFORM CABLE INSTALLATION – R1932i/R1932 WITHOUT PLATFORM COIL CABLE (ALL SPECS EXCEPT AUSTRALIAN AND KOREA SPECS)



ART_1001201087

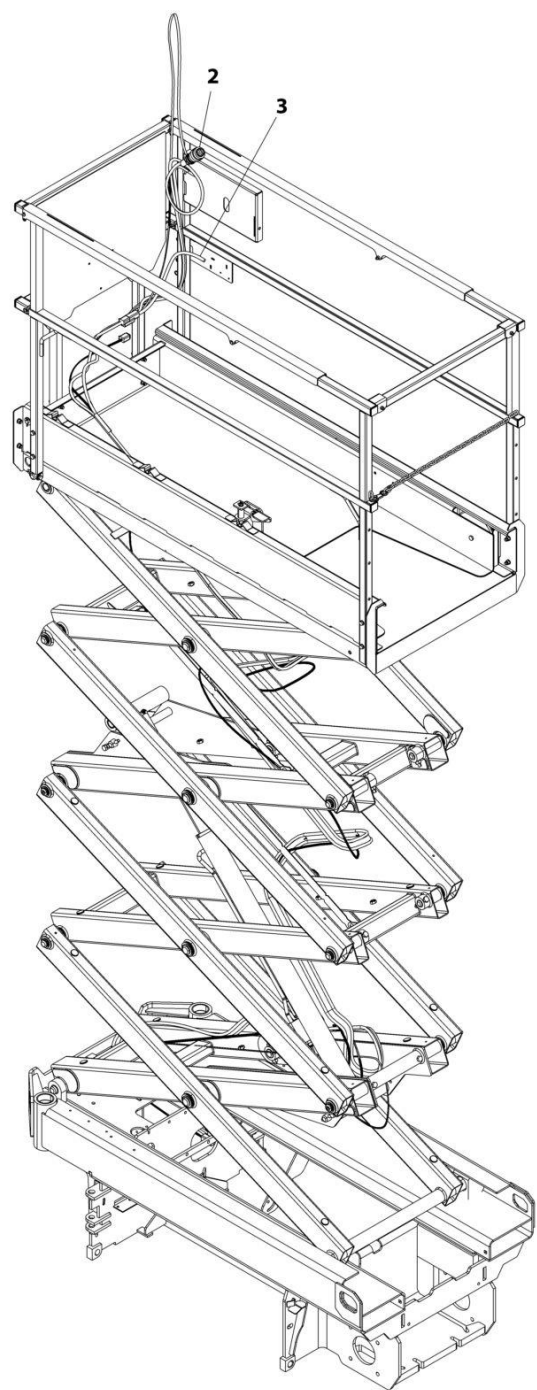
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FIGURE 7-26. GROUND TO PLATFORM CABLE INSTALLATION – R1932i/R1932 WITHOUT PLATFORM COIL CABLE (ALL SPECS EXCEPT AUSTRALIAN AND KOREA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201087	Ref	GROUND TO PLATFORM CABLE INSTALLATION	E
1	4240017	AR	Tie-Strap (Not Shown)	
3	1001200811	1	Cable Assembly - Ground to Platform	
3	4460894	1	Plug, Male - 6 Position (To Platform Harness Item 4)	
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	
4	1001200812	1	Platform Harness	
4	4460899	1	Receptacle, Female - 6 Position (To Item 3)	
4	4460464	4	Pin, Male	
4	4460943	2	Pin, Male	
4	4460754	1	Connector - 14 Position (To Console Box)	
4	4460465	8	Socket, Female	
4	4460466	6	Plug, Terminal	

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FIGURE 7-27. GROUND TO PLATFORM CABLE INSTALLATION - R1932 WITHOUT PLATFORM COIL CABLE (AUSTRALIAN SPECS)



ART_1001230932

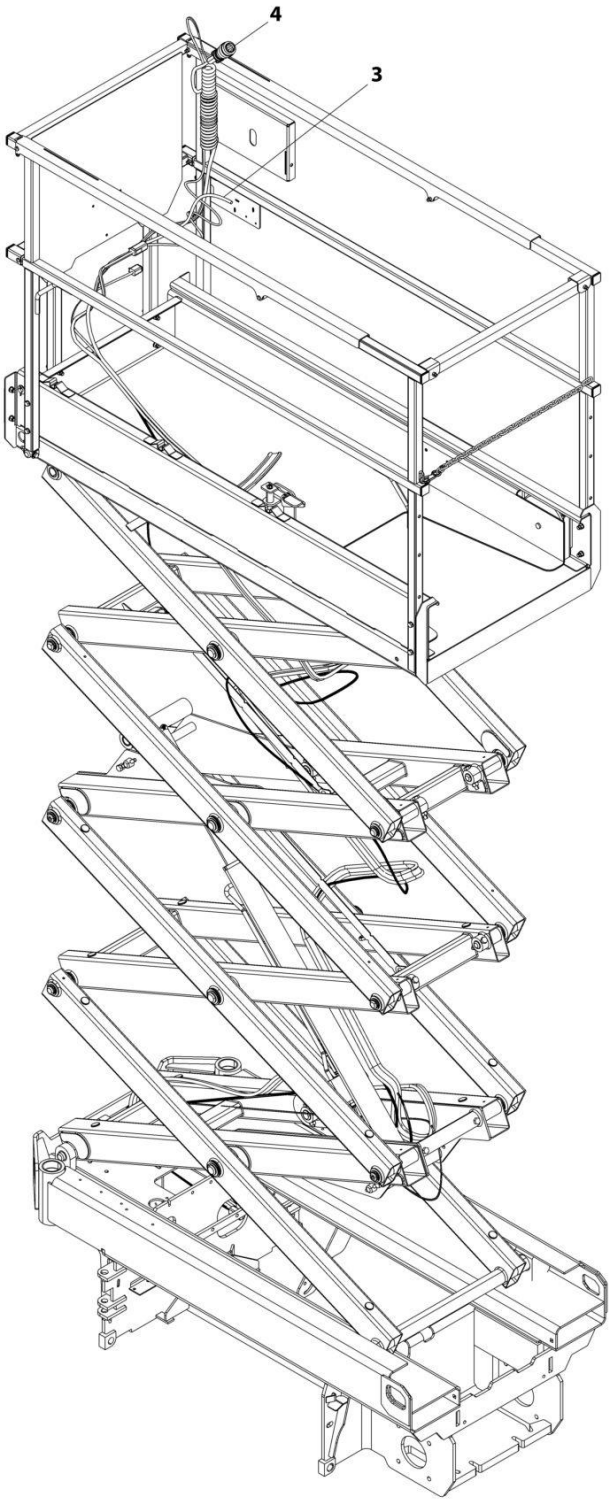
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FIGURE 7-27. GROUND TO PLATFORM CABLE INSTALLATION - R1932 WITHOUT PLATFORM COIL CABLE (AUSTRALIAN SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230932	Ref	GROUND TO PLATFORM CABLE INSTALLATION	A
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	1001230839	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	

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FIGURE 7-28. GROUND TO PLATFORM CABLE INSTALLATION - R1932i/R1932 WITH PLATFORM COIL CABLE (ALL SPECS EXCEPT AUSTRALIAN AND KOREA SPECS AND NOBLE)



ART_1001203630

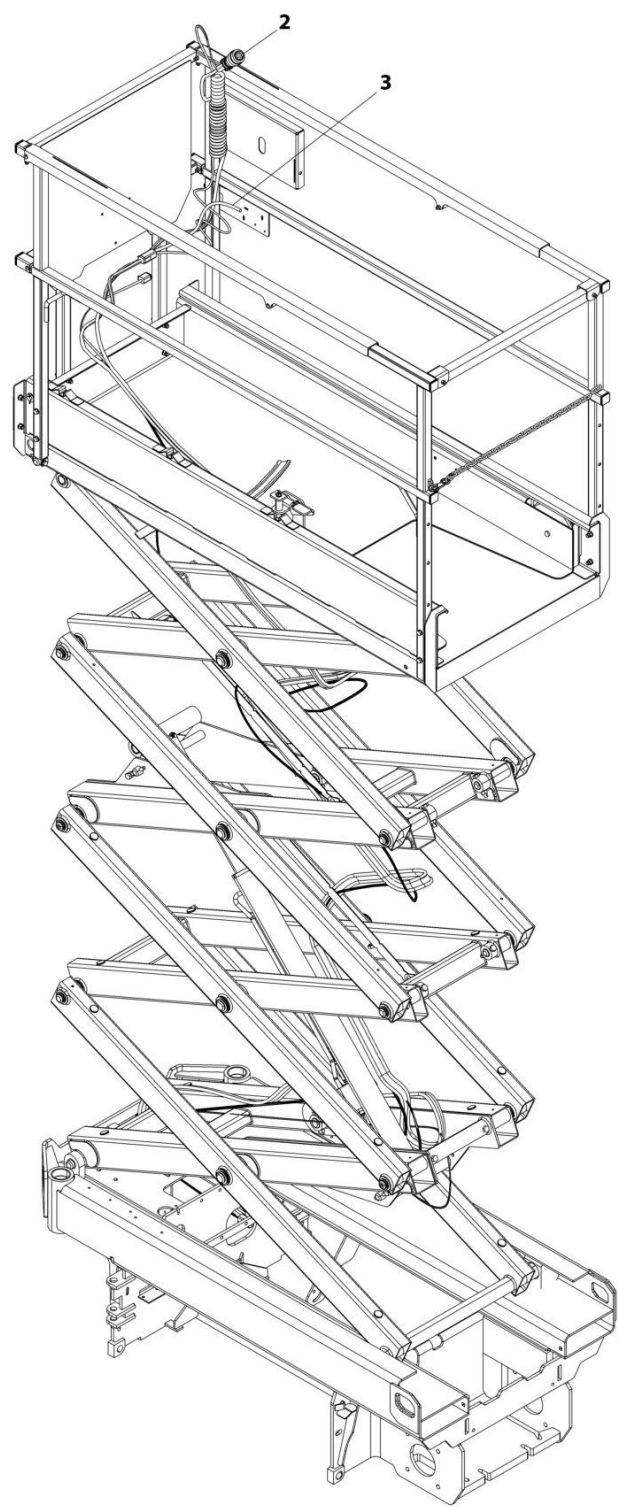
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FIGURE 7-28. GROUND TO PLATFORM CABLE INSTALLATION - R1932i/R1932 WITH PLATFORM COIL CABLE (ALL SPECS EXCEPT AUSTRALIAN AND KOREA SPECS AND NOBLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203630	Ref	GROUND TO PLATFORM CABLE INSTALLATION	E
1	4240017	AR	Tie-Strap (Not Shown)	
3	1001200811	1	Cable Assembly - Ground to Platform	
3	4460894	1	Plug, Male - 6 Position (To Platform Harness Item 4)	
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	
4	1001202184	1	Platform Harness	
4	4460899	1	Receptacle, Female - 6 Position (To Item 3)	
4	4460464	4	Pin, Male	
4	4460943	2	Pin, Male	
4	4460754	1	Connector - 14 Position (To Console Box)	
4	4460465	8	Socket, Female	
4	4460466	6	Plug, Terminal	

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FIGURE 7-29. GROUND TO PLATFORM CABLE INSTALLATION - R1932 WITH PLATFORM COIL CABLE (AUSTRALIAN SPECS)



ART_1001230933

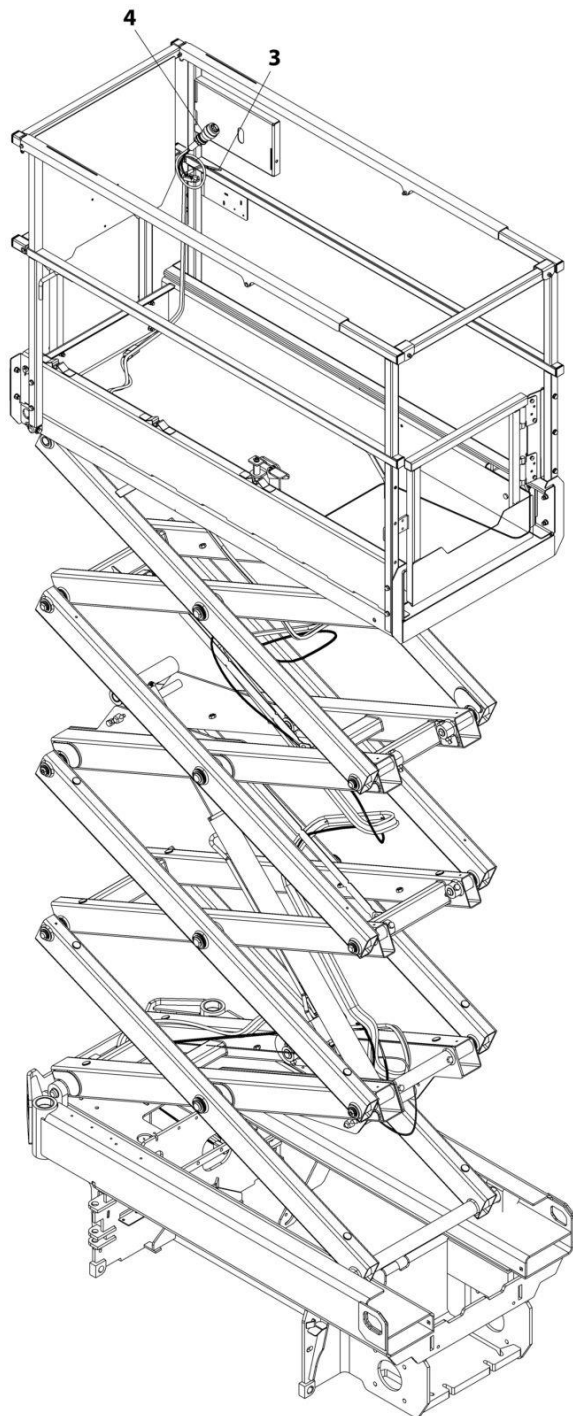
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FIGURE 7-29. GROUND TO PLATFORM CABLE INSTALLATION - R1932 WITH PLATFORM COIL CABLE (AUSTRALIAN SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230933	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 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	1001230839	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	

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FIGURE 7-30. GROUND TO PLATFORM CABLE INSTALLATION - R1932i/R1932 WITHOUT PLATFORM COIL CABLE AND WITH FOOTSWITCH



ART_1001201129_F

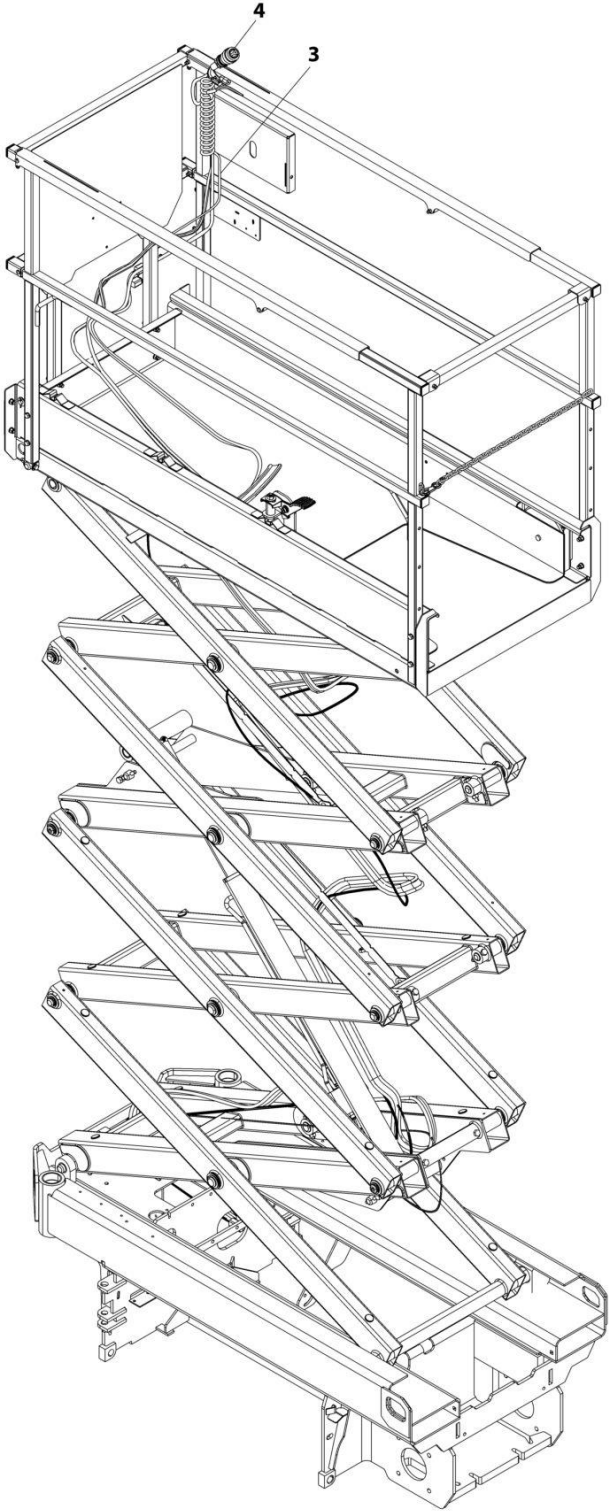
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FIGURE 7-30. GROUND TO PLATFORM CABLE INSTALLATION - R1932I/R1932 WITHOUT PLATFORM COIL CABLE AND WITH FOOTSWITCH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201129	Ref	GROUND TO PLATFORM CABLE INSTALLATION	F
		Ref	Note: Only Available on Japanese Specs.	
1	4240017	AR	Tie-Strap (Not Shown)	
3	1001200811	1	Cable Assembly - Ground to Platform	
3	4460894	1	Plug, Male - 6 Position (To Platform Harness Item 4)	
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	
4	1001223263	1	Platform Harness	
4	4460899	1	Receptacle, Female - 6 Position (To Item 3)	
4	4460464	4	Pin, Male	
4	4460943	2	Pin, Male	
4	4460754	1	Connector - 14 Position (To Console Box)	
4	4460465	8	Socket, Female	
4	4460944	2	Socket, Female	
4	4460466	4	Plug, Terminal	
4	4460891	1	Plug, Male - 2 Position (To Footswitch)	
4	4460465	2	Socket, Female	
4	4460897	1	Receptacle, Female - 2 Position (Footswitch Jumper)	
4	4460464	2	Pin, Male	
4	4460539	1	Plug, Male - 3 Position (To Overhead Switches)	
4	4460465	2	Socket, Female	
4	4460466	1	Plug, Terminal	

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FIGURE 7-31. GROUND TO PLATFORM CABLE INSTALLATION - R1932I/R1932 WITH PLATFORM COIL CABLE AND FOOTSWITCH



ART_1001203631_F

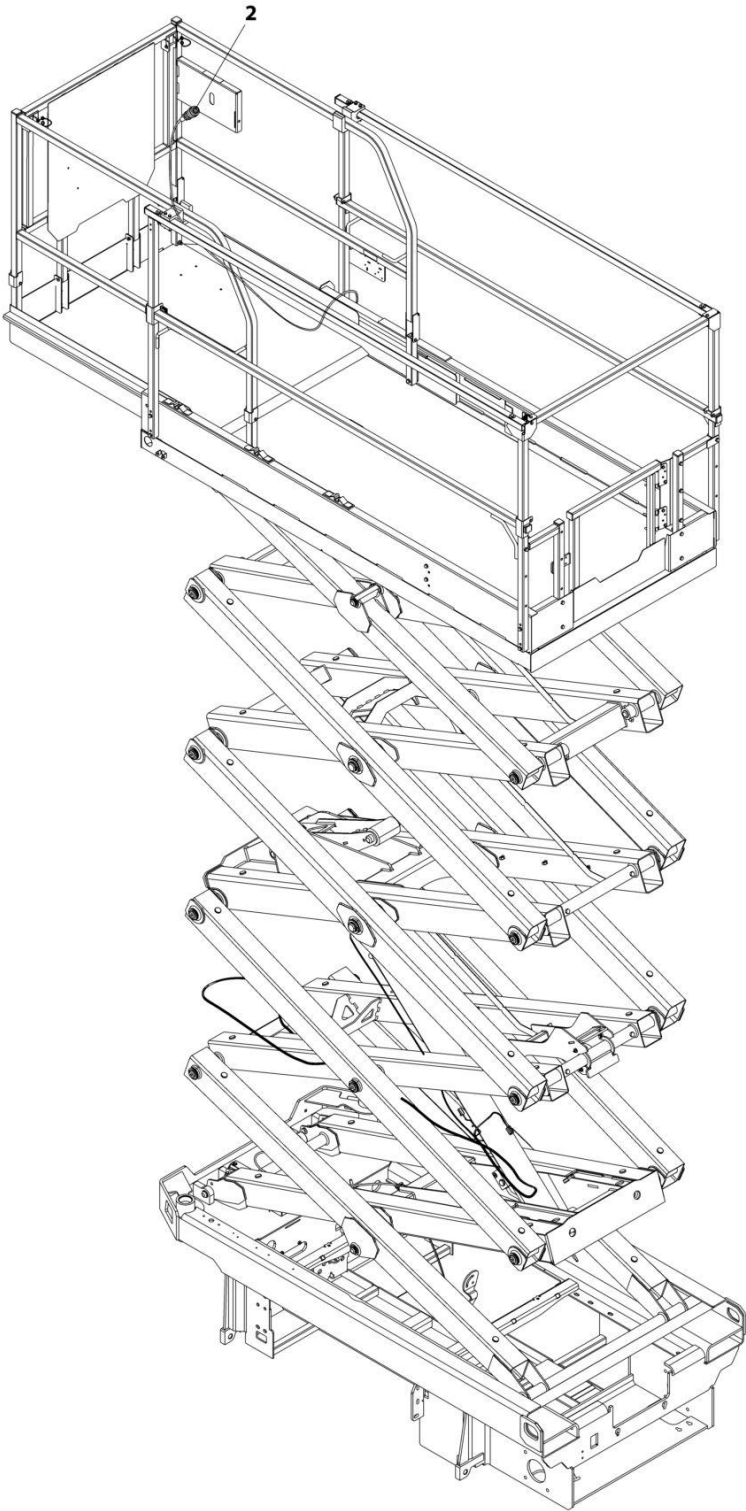
SECTION 7 - ELECTRICAL

FIGURE 7-31. GROUND TO PLATFORM CABLE INSTALLATION - R1932i/R1932 WITH PLATFORM COIL CABLE AND FOOTSWITCH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203631	Ref	GROUND TO PLATFORM CABLE INSTALLATION	F
		Ref	Note: Only Available on Japanese Specs.	
1	4240017	AR	Tie-Strap (Not Shown)	
3	1001200811	1	Cable Assembly - Ground to Platform	
3	4460894	1	Plug, Male - 6 Position (To Platform Harness Item 4)	
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	
4	1001223262	1	Platform Harness	
4	4460899	1	Receptacle, Female - 6 Position (To Item 3)	
4	4460464	4	Pin, Male	
4	4460943	2	Pin, Male	
4	4460754	1	Connector - 14 Position (To Console Box)	
4	4460465	8	Socket, Female	
4	4460944	2	Socket, Female	
4	4460466	4	Plug, Terminal	
4	4460891	1	Plug, Male - 2 Position (To Footswitch)	
4	4460465	2	Socket, Female	
4	4460897	1	Receptacle, Female - 2 Position (Footswitch Jumper)	
4	4460464	2	Pin, Male	
4	4460539	1	Plug, Male - 3 Position (To Overhead Switches)	
4	4460465	2	Socket, Female	
4	4460466	1	Plug, Terminal	

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FIGURE 7-32. GROUND TO PLATFORM CABLE INSTALLATION - R1932I/R1932 WITH PLATFORM STRAIGHT CABLE ONLY (MACHINES WITH SN STARTING WITH 12, B2 & G2)



ART_1001223650

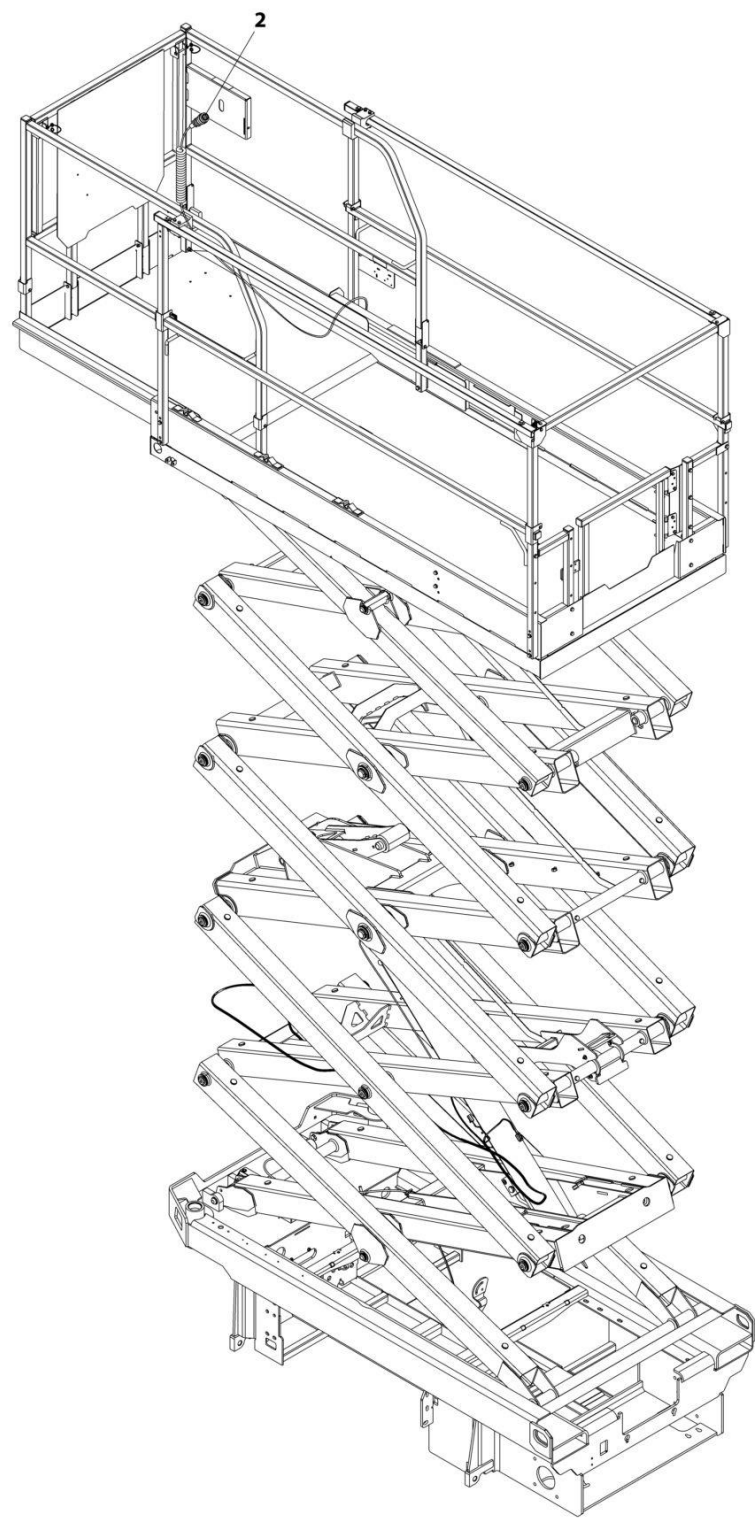
SECTION 7 - ELECTRICAL

FIGURE 7-32. GROUND TO PLATFORM CABLE INSTALLATION - R1932i/R1932 WITH PLATFORM STRAIGHT CABLE ONLY (MACHINES WITH SN STARTING WITH 12, B2 & G2)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223650	Ref	GROUND TO PLATFORM CABLE INSTALLATION	A
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	

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FIGURE 7-33. GROUND TO PLATFORM CABLE INSTALLATION - R1932I/R1932 WITH PLATFORM COIL CABLE ONLY (EMACHINES WITH SN STARTING WITH 12, B2 & G2)



ART_1001223651

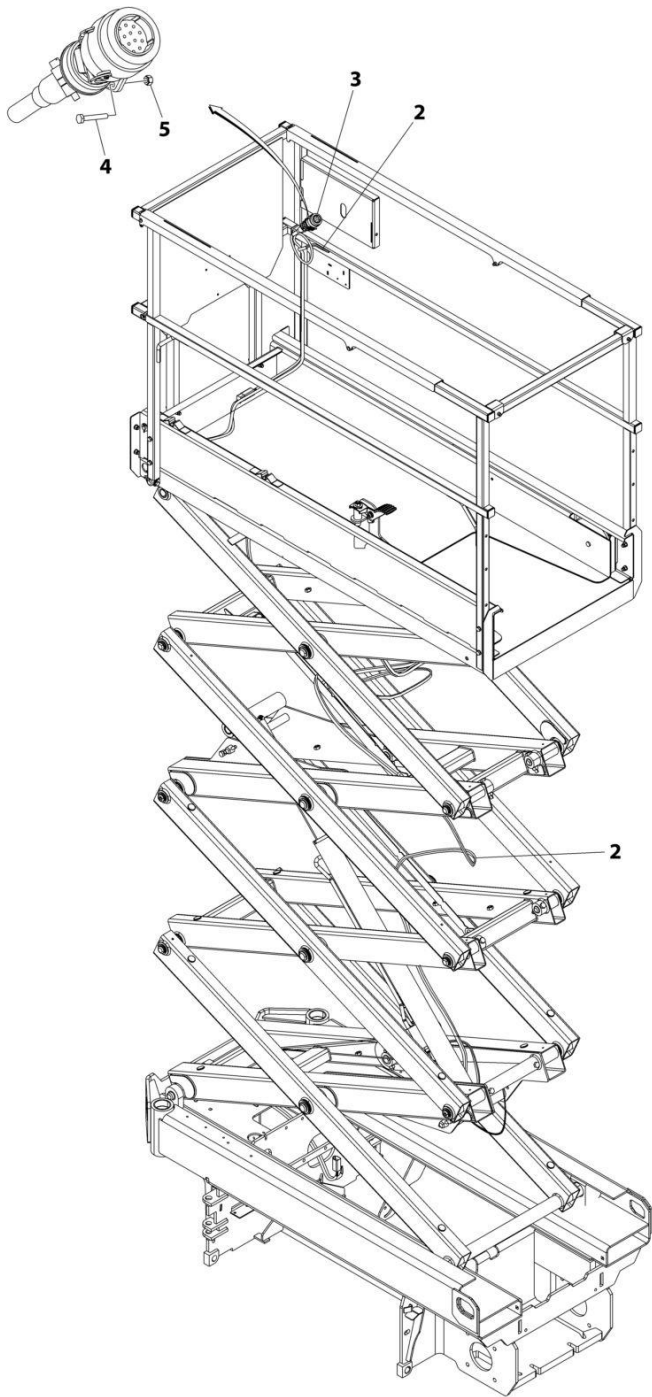
SECTION 7 - ELECTRICAL

FIGURE 7-33. GROUND TO PLATFORM CABLE INSTALLATION - R1932i/R1932 WITH PLATFORM COIL CABLE ONLY (EMACHINES WITH SN STARTING WITH 12, B2 & G2)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	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	

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FIGURE 7-34. GROUND TO PLATFORM CABLE INSTALLATION - ES1932 WITHOUT PLATF
(MACHINES WITH SN STARTING WITH G2)



ART_1001270899

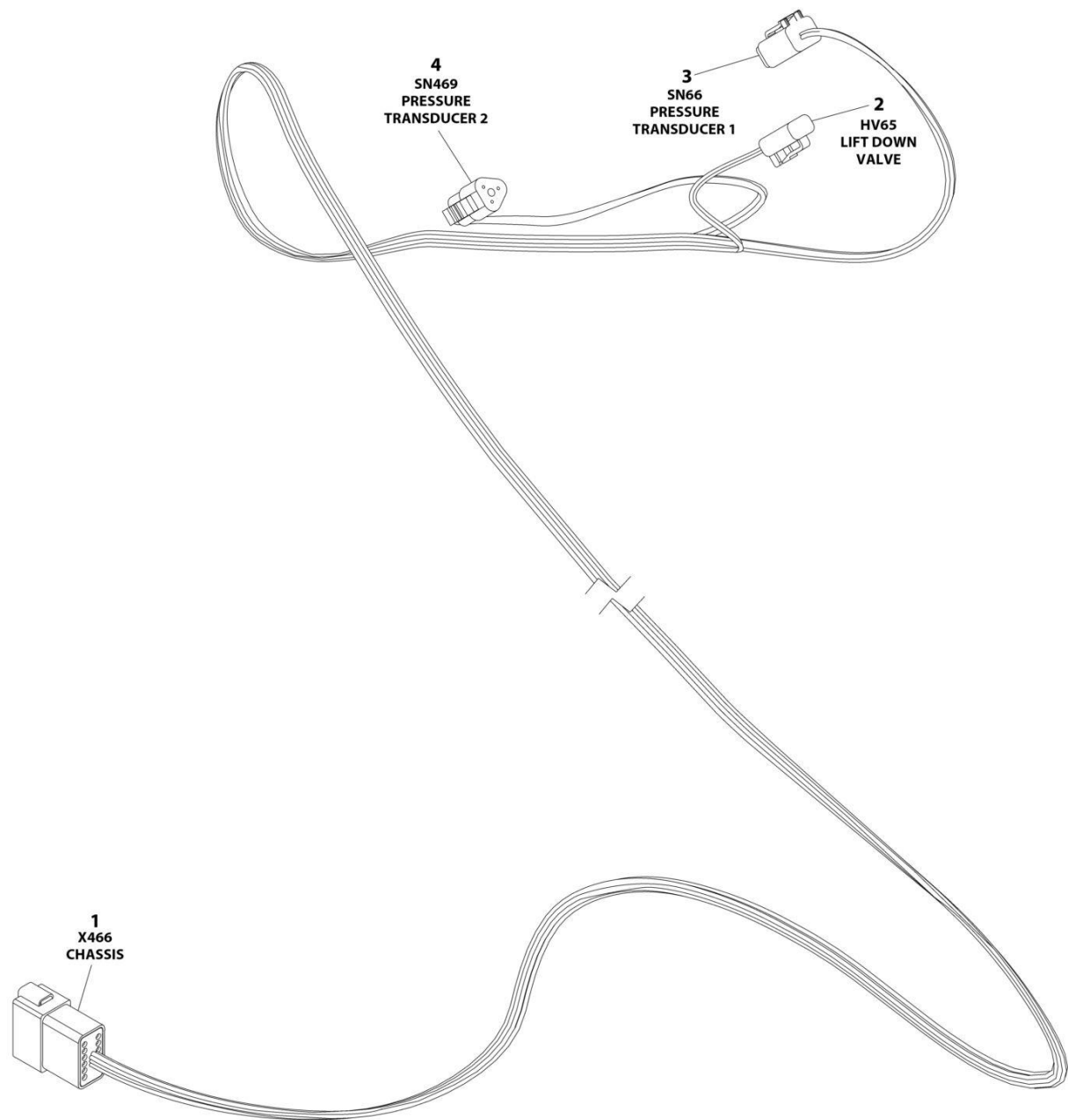
SECTION 7 - ELECTRICAL

**FIGURE 7-34. GROUND TO PLATFORM CABLE INSTALLATION - ES1932 WITHOUT PLATF
(MACHINES WITH SN STARTING WITH G2)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001270899	Ref	GROUND TO PLATFORM CABLE INSTALLATION	C
1	4240017	AR	Tie-Strap (Not Shown)	
2	1001239544	1	Cable Assembly - Ground to Platform	
2	4460894	1	Plug, Male - 6 Position (To Platform Harness Item 4)	
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	
3	1001270443	1	Platform Harness	
3	4460899	1	Receptacle, Female - 6 Position (To Item 3)	
3	4460464	4	Pin, Male	
3	4460943	2	Pin, Male	
3	1001269947	1	Connector - 14 Position (To Console Box)	
3	1001269944	6	Socket, Female	
3	1001269949	2	Socket, Female	
4	0760310	2	Bolt M3 x 20	
5	3290305	2	Nut M3	

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FIGURE 7-35. LIFT DOWN HARNESS - WITH LSS



ART_1001222687_B

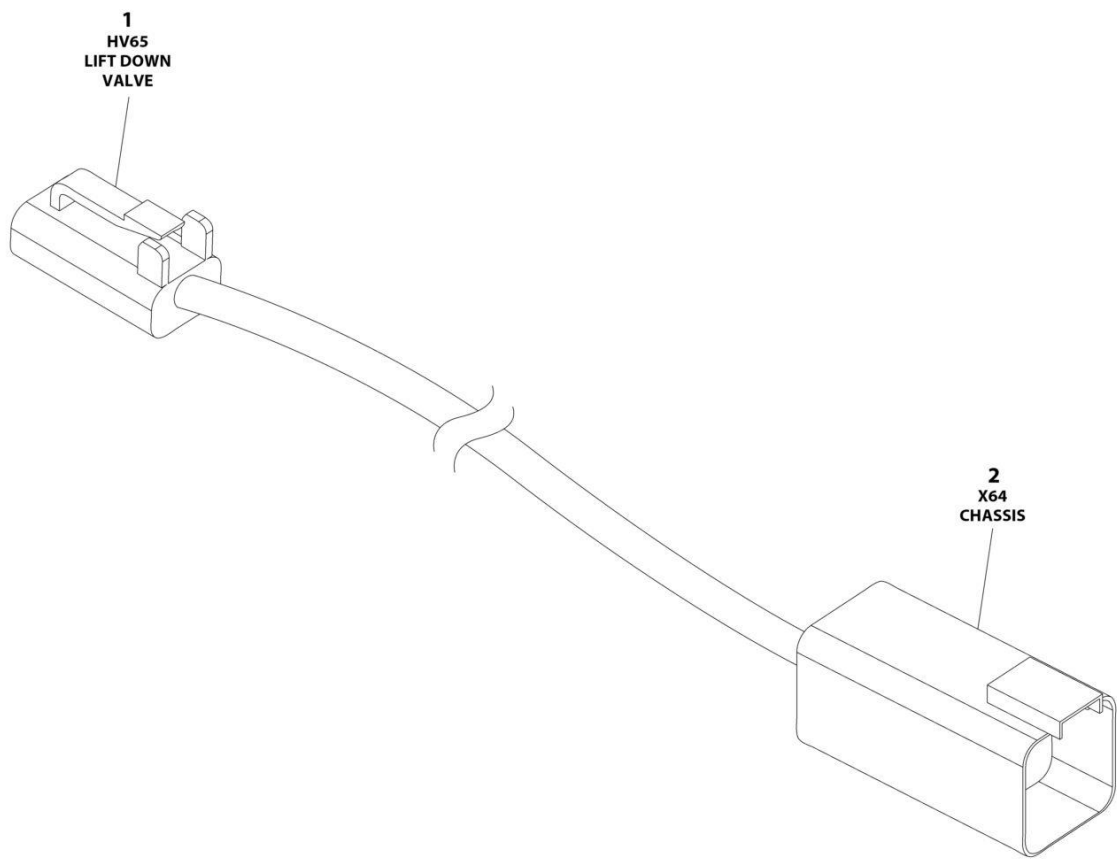
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FIGURE 7-35. LIFT DOWN HARNESS - WITH LSS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222687	Ref	LIFT DOWN HARNESS - WITH LSS	B
1	4460970	1	Receptacle, Female - 12 Position	
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	

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FIGURE 7-36. LIFT DOWN HARNESS - WITHOUT LSS



ART_1001200821

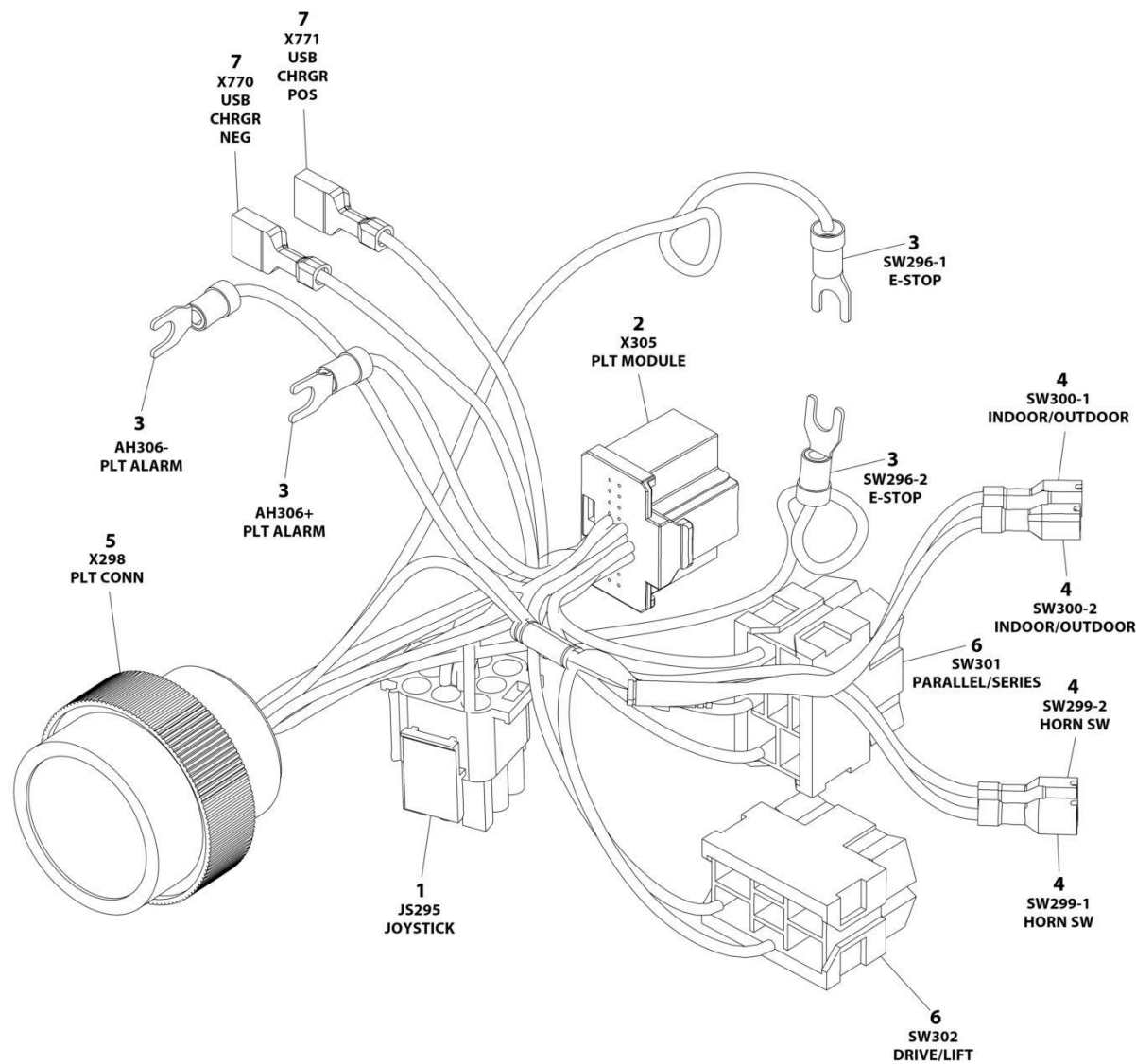
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FIGURE 7-36. LIFT DOWN HARNESS - WITHOUT LSS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200821	Ref	LIFT DOWN HARNESS - WITHOUT LSS	B
1	4460891	1	Plug, Male - 2 Position	
1	4460465	2	Socket, Female	
2	4460899	1	Receptacle, Female - 6 Position	
2	4460464	2	Pin, Male	
2	4460466	4	Plug, Terminal	

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FIGURE 7-37. PLATFORM BOX HARNESS (R1532I/R1932I)



ART_1001200819

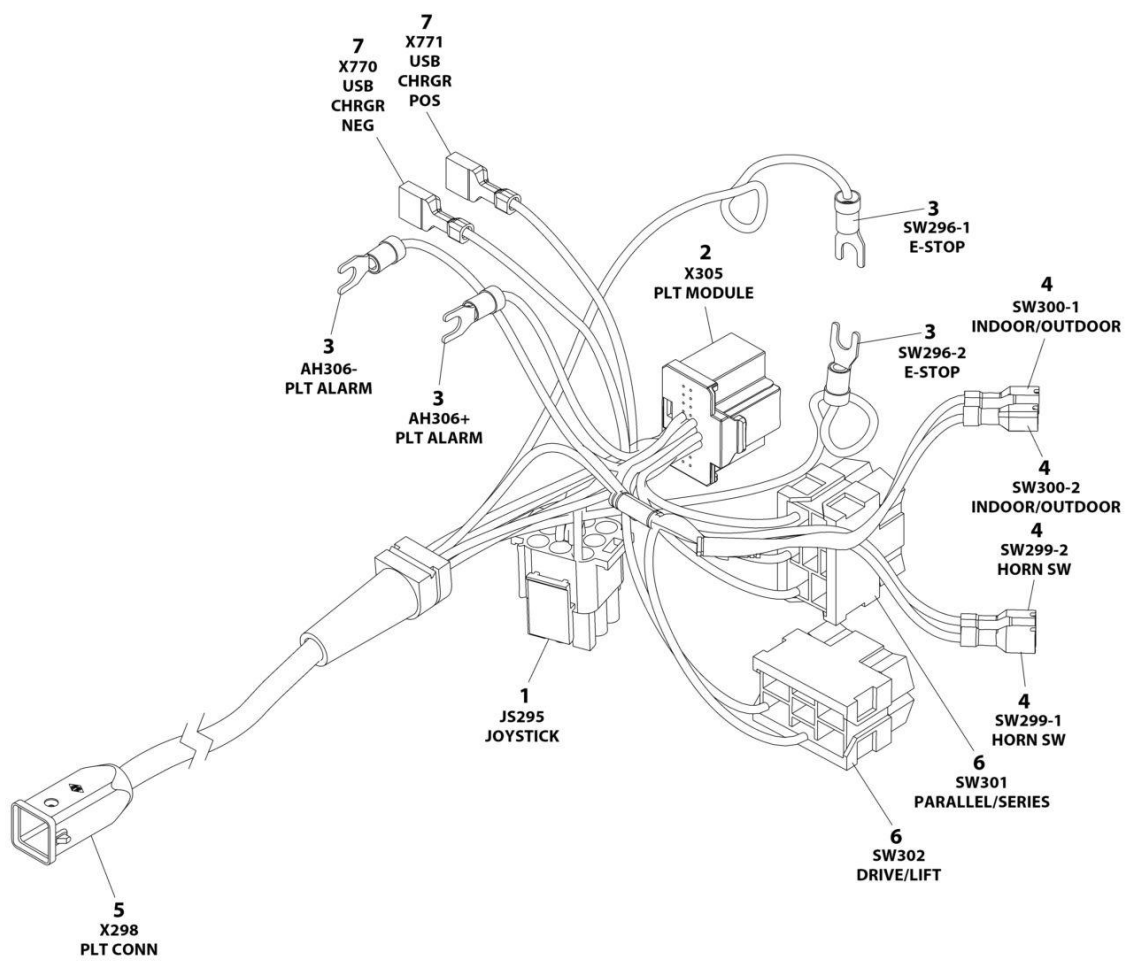
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FIGURE 7-37. PLATFORM BOX HARNESS (R1532I/R1932I)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200819	Ref	PLATFORM CONTROL BOX HARNESS	E
1	4460265	1	Plug, Male - 9 Position	
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	

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FIGURE 7-38. PLATFORM BOX HARNESS (R1932)



ART_1001269999

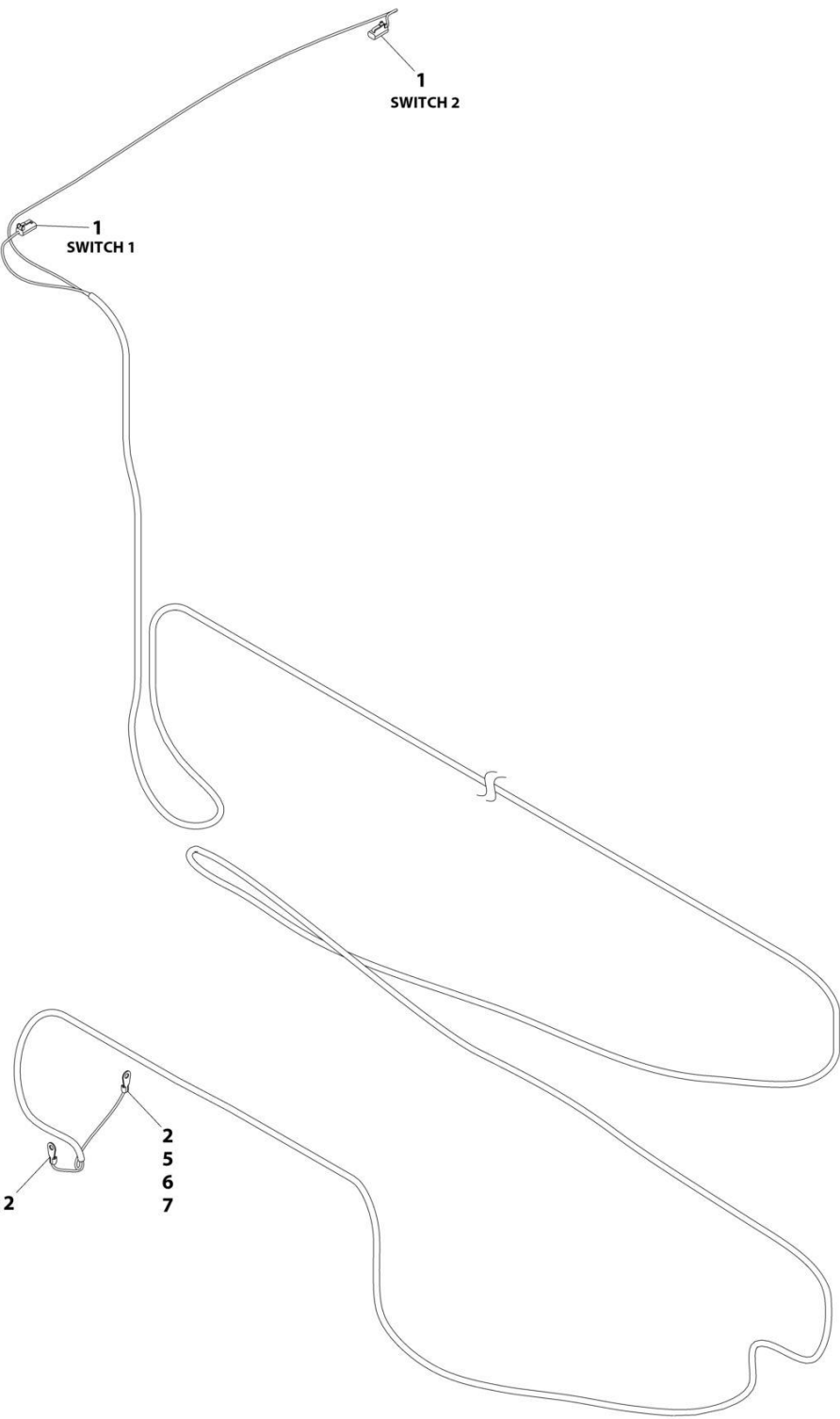
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FIGURE 7-38. PLATFORM BOX HARNESS (R1932)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001269999	Ref	PLATFORM CONTROL BOX HARNESS	A
1	4460265	1	Plug, Male - 9 Position	
1	4460267	7	Pin, Male	
2	1001212036	1	Connector - 20 Position	
2	1001212035	17	Terminal	
3	4460183	4	Terminal, Fork	
4	1001201885	4	Terminal with Cover	
5	1001269946	1	Connector - 12 Position	
5	1001269943	10	Pin, Male	
6	4460418	2	Connector - 6 Position	
6	1001159186	5	Terminal	
7	1001194421	2	Terminal	

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FIGURE 7-39. CABLE, WORKLIGHT



ART_1061041

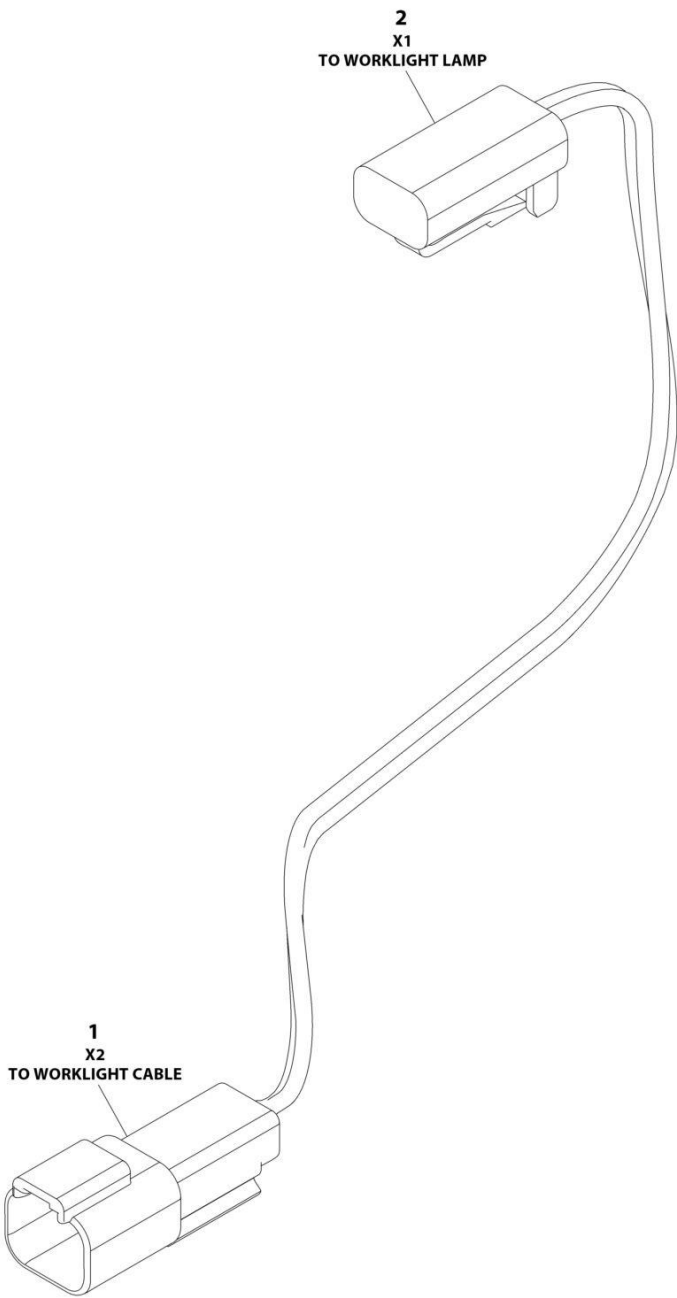
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FIGURE 7-39. CABLE, WORKLIGHT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1061041	Ref	CABLE WORKLIGHT	C
1	4460891	2	Plug, Male - 2 Position	
2	4460986	2	Terminal, Ring	
3	4460465	4	Socket (Not Shown)	
5	4460018	1	Connector, Butt Splice	
6	2400061	1	Fuse	
7	2400066	1	Fuse Holder	

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FIGURE 7-40. HARNESS, LIGHT



ART_1001274026

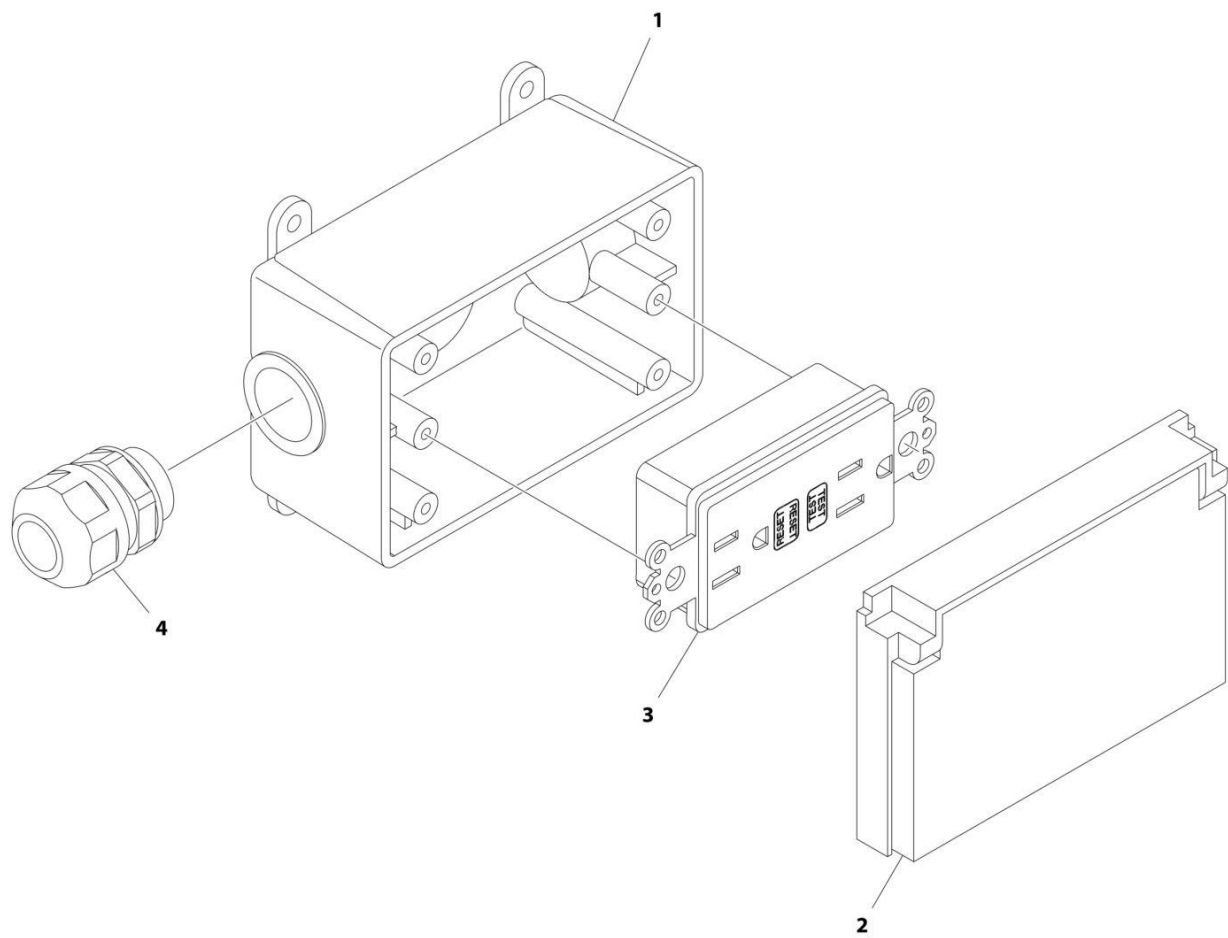
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FIGURE 7-40. HARNESS, LIGHT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274026	Ref	HARNESS, LIGHT	A
1	4460897	1	Receptacle, Female -2 Position	
1	4460464	2	Pin, Male	
2	4460891	1	Plug, Male 2 Position	
2	4460465	2	Socket, Female	

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FIGURE 7-41. RECEPTACLE BOX KIT - 110V GFI



ART_2902431

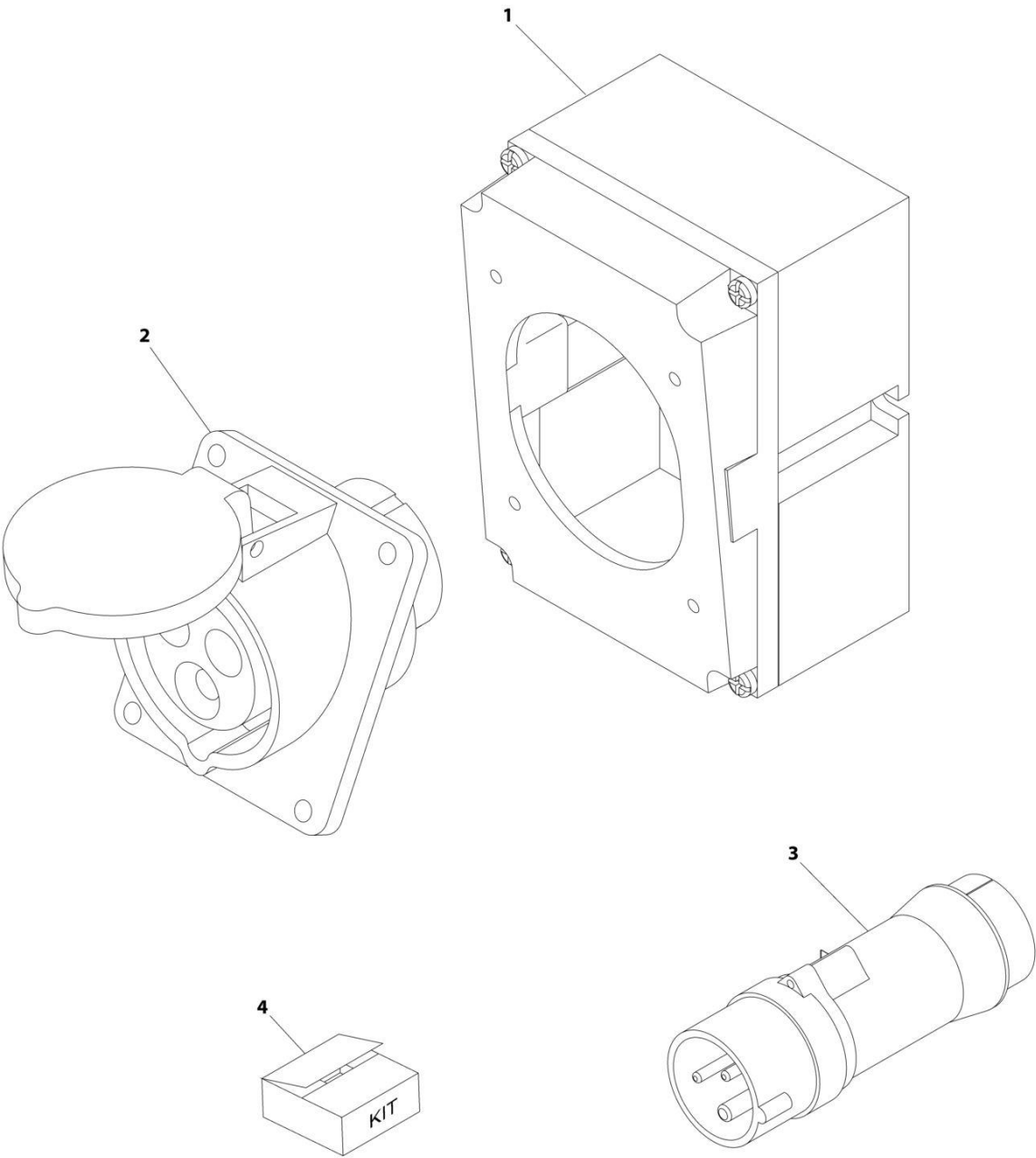
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FIGURE 7-41. RECEPTACLE BOX KIT - 110V GFI

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	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	

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FIGURE 7-42. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE & UK CA SPEC)



ART_0275216

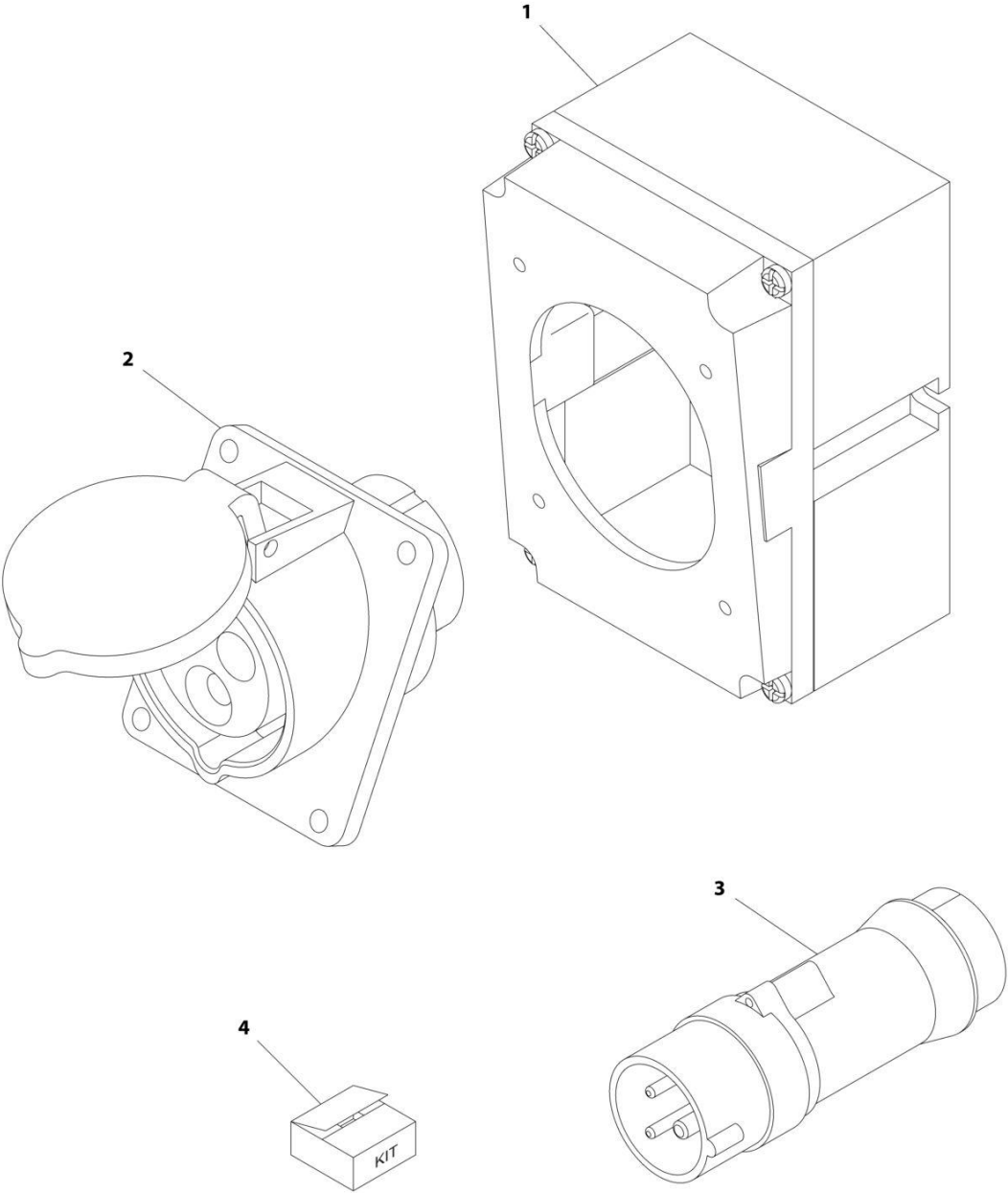
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FIGURE 7-42. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE & UK CA SPEC)

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

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FIGURE 7-43. RECEPTACLE BOX KIT - 220V IEC BLUE (CE & UK CA SPEC)



ART_0275217

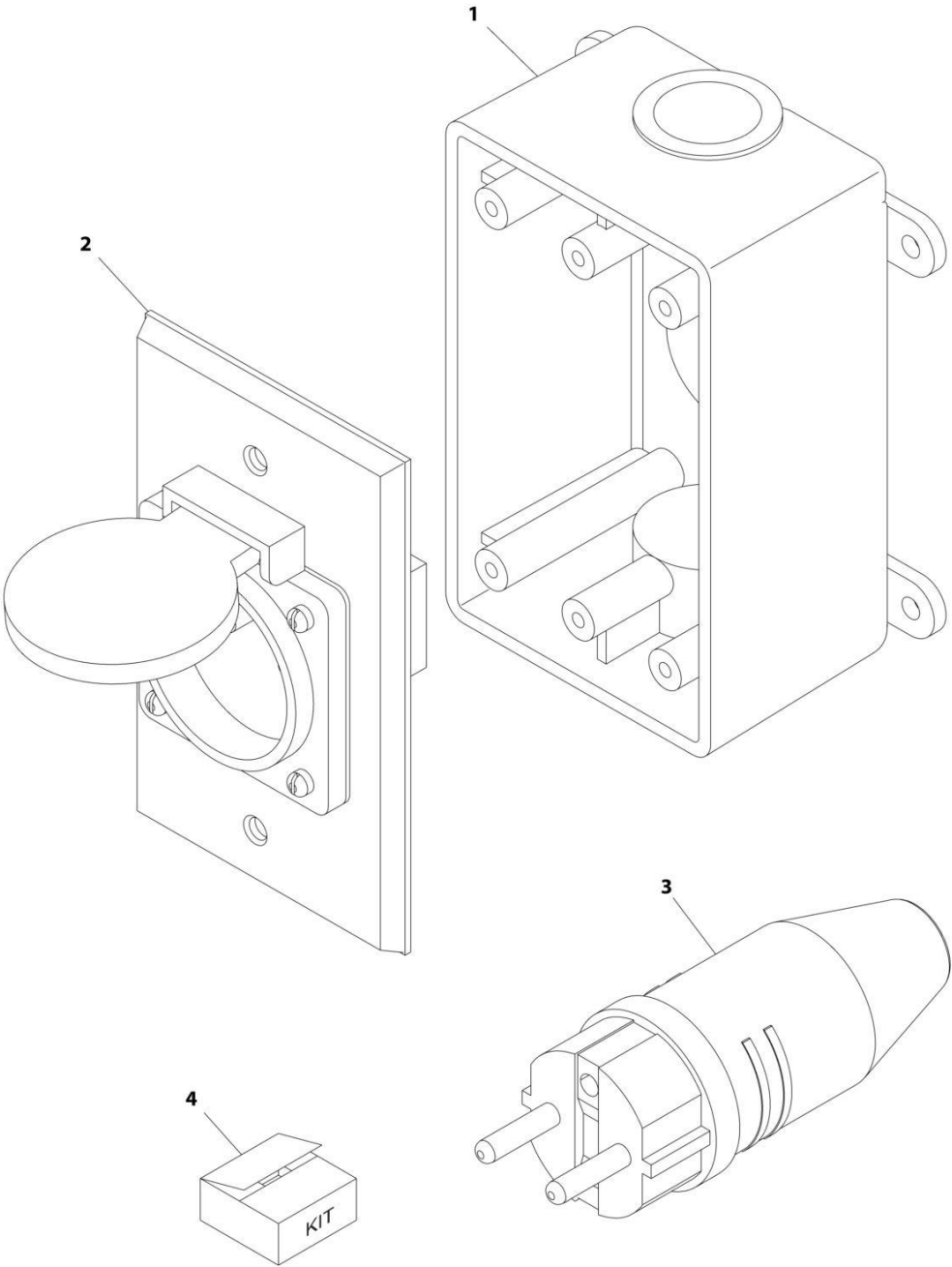
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FIGURE 7-43. RECEPTACLE BOX KIT - 220V IEC BLUE (CE & UK CA SPEC)

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

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FIGURE 7-44. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND (CE & UK CA SPEC)



ART_0275452-C

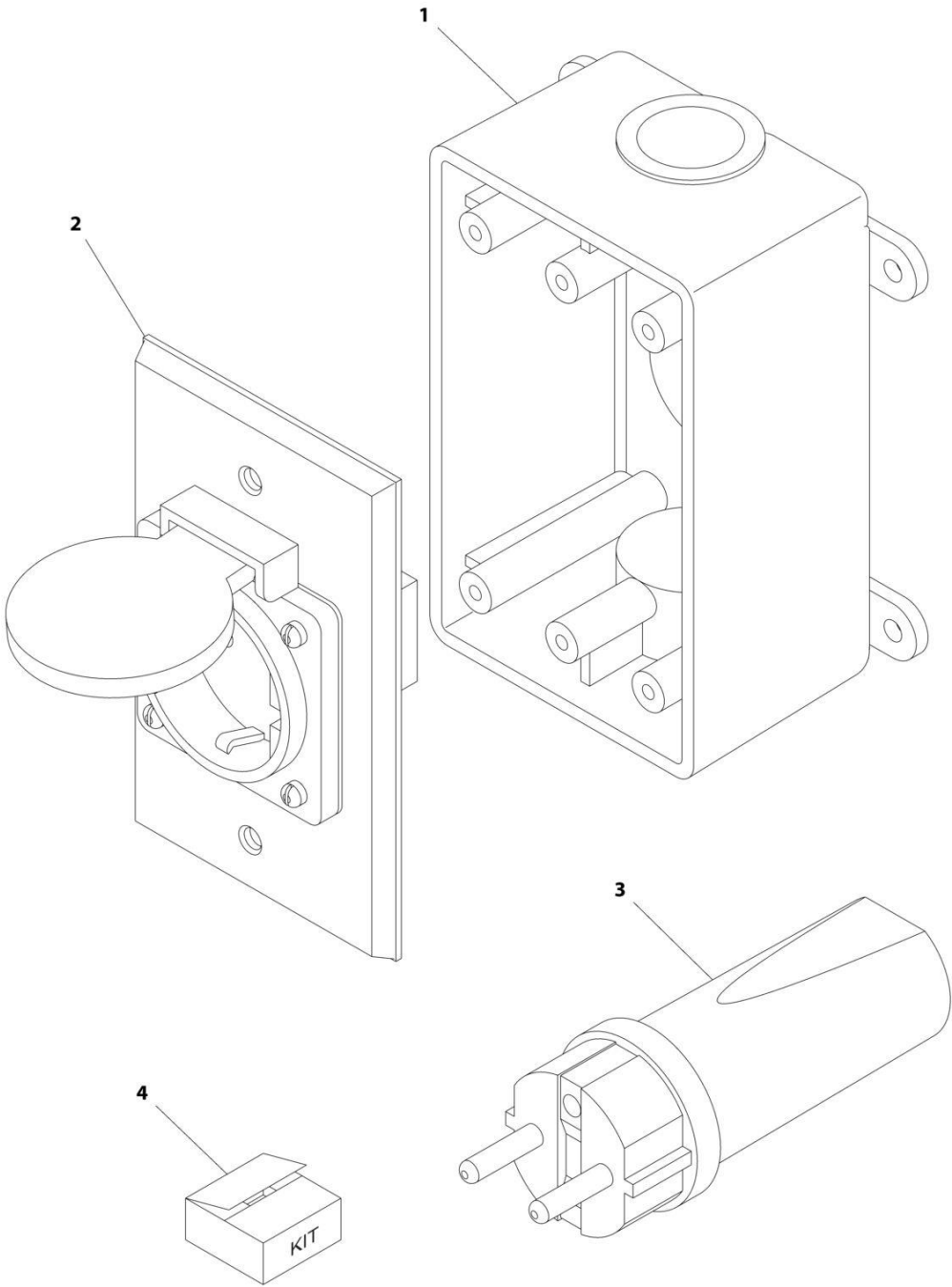
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FIGURE 7-44. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND (CE & UK CA SPEC)

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

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FIGURE 7-45. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND (CE & UK CA SPEC)



ART_0275453

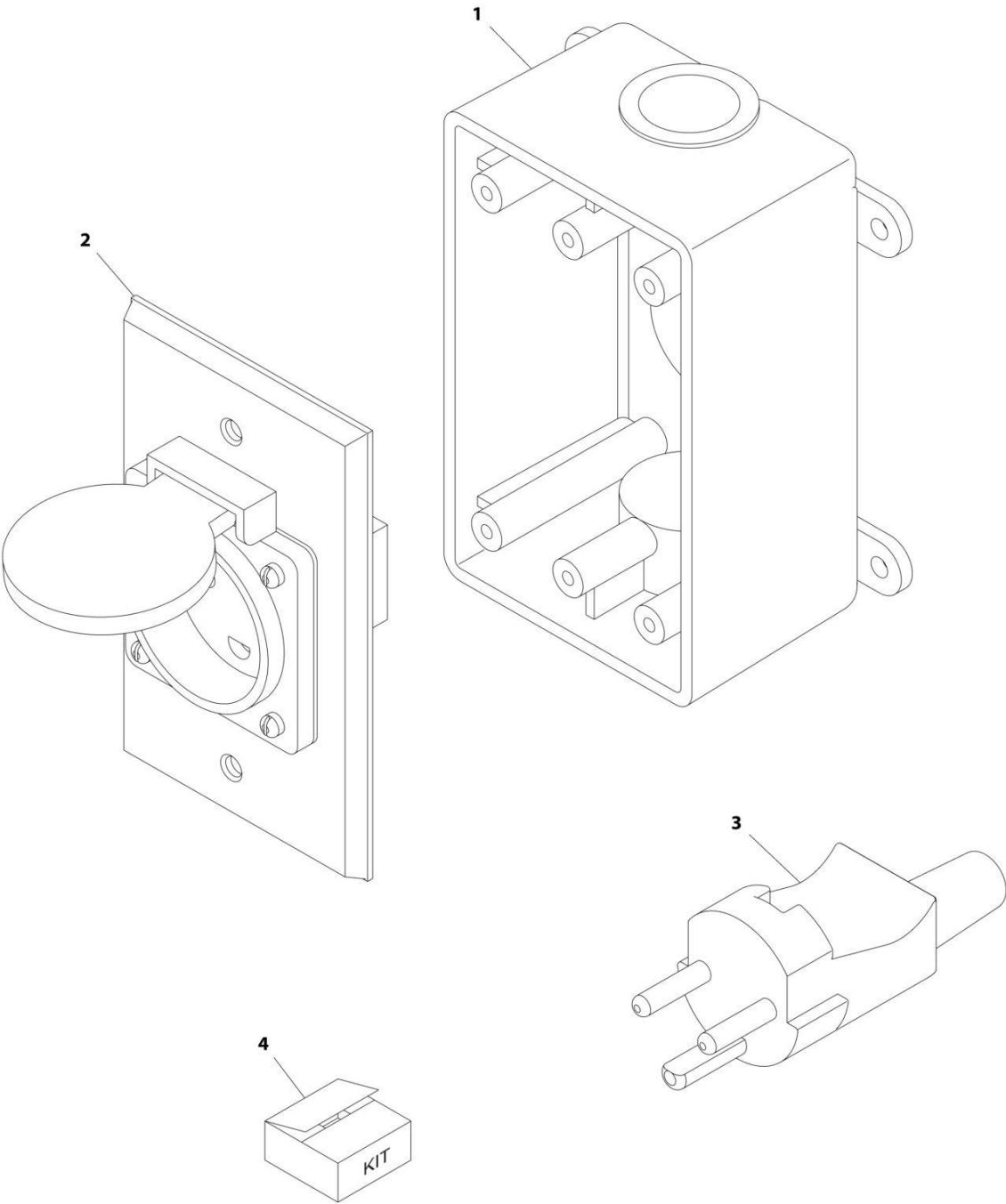
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FIGURE 7-45. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND (CE & UK CA SPEC)

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

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FIGURE 7-46. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE & UK CA SPEC)



ART_0275454

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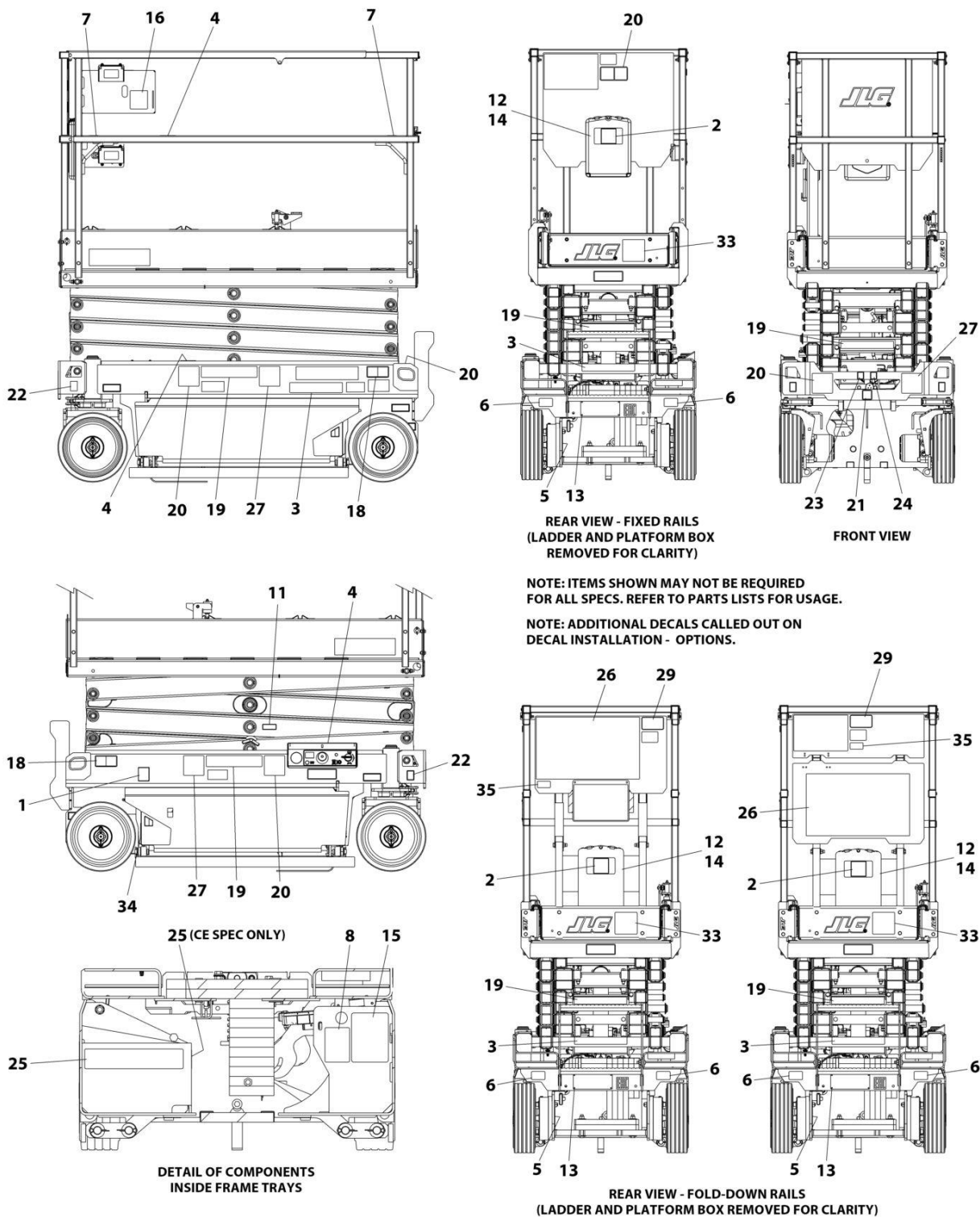
FIGURE 7-46. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE & UK CA SPEC)

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

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FIGURE 8-1. DECAL INSTALLATION (ANSI SPEC)



ART_1001209907_E

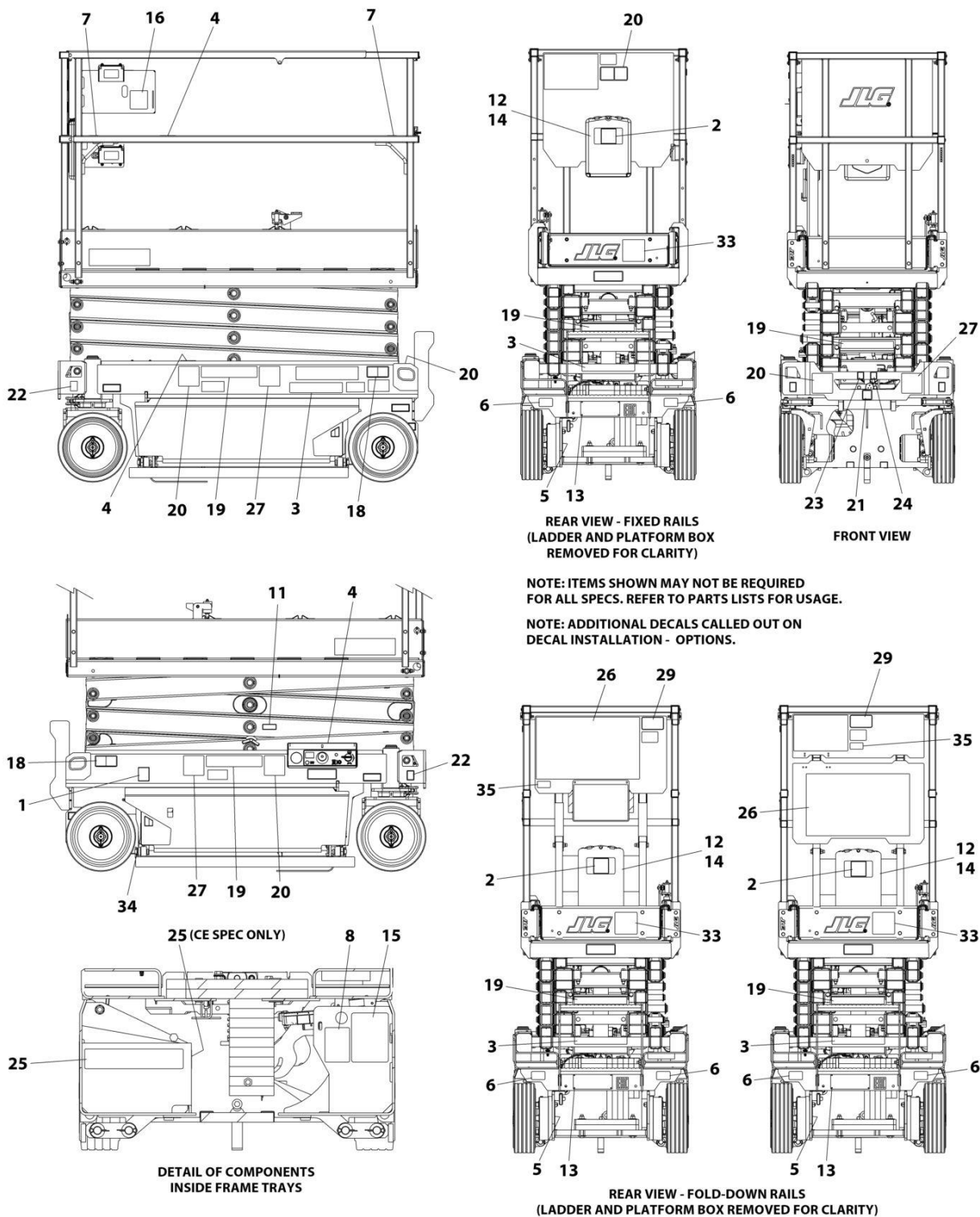
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FIGURE 8-1. DECAL INSTALLATION (ANSI SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209907	Ref	DECAL INSTALLATION	E
	1001257773	Ref	DECAL CHART DRAWING	G
1	1701504	1	Decal - Hydraulic Oil	
2	1701640	1	Decal - Manual	
3	1703813	2	Decal - Warning Battery Ventilation	
4	1703819	4	Decal - Direction Arrow	
5	1703822	1	Decal - Manual Descent Instruction	
6	1704016	2	Decal - Fork Lift	
7	1704277	2	Decal - Lanyard Attach	
8	1704412	1	Decal - Hydraulic Oil	
11	1001220430	1	Decal - Safety Prop	
12	2080040	3	Fastener	
13	2080057	4	Fastener	
14	8990147	1	Holder, Manual	
15	1001131270	1	Decal - Patent	
16	1001132359	1	Decal - Control Box Locate	
18	1001162864	2	Decal - Lift Up/Tie Down	
19	1001211777	4	Decal - Crushing Hazard	
20	1001211779	4	Decal - Electrocution	
21	1001212290	1	Decal - Tie Down	
22	1001212291	2	Decal - Lifting Lug	
23	1001212292	1	Decal - No Lifting	
24	1001212293	1	Decal - No Forklift	
25	1001146794	1	Decal - Battery/Charger Service	
26	1703816	1	Decal - Danger/Warning	
29	1001231801	1	Decal - Prop 65 Warning	
34	1001223055	1	Decal - Yearly Inspection	
35	1001228370	1	Decal - ICES	

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FIGURE 8-2. DECAL INSTALLATION (AUSTRALIAN SPECS)



ART_1001209914_D

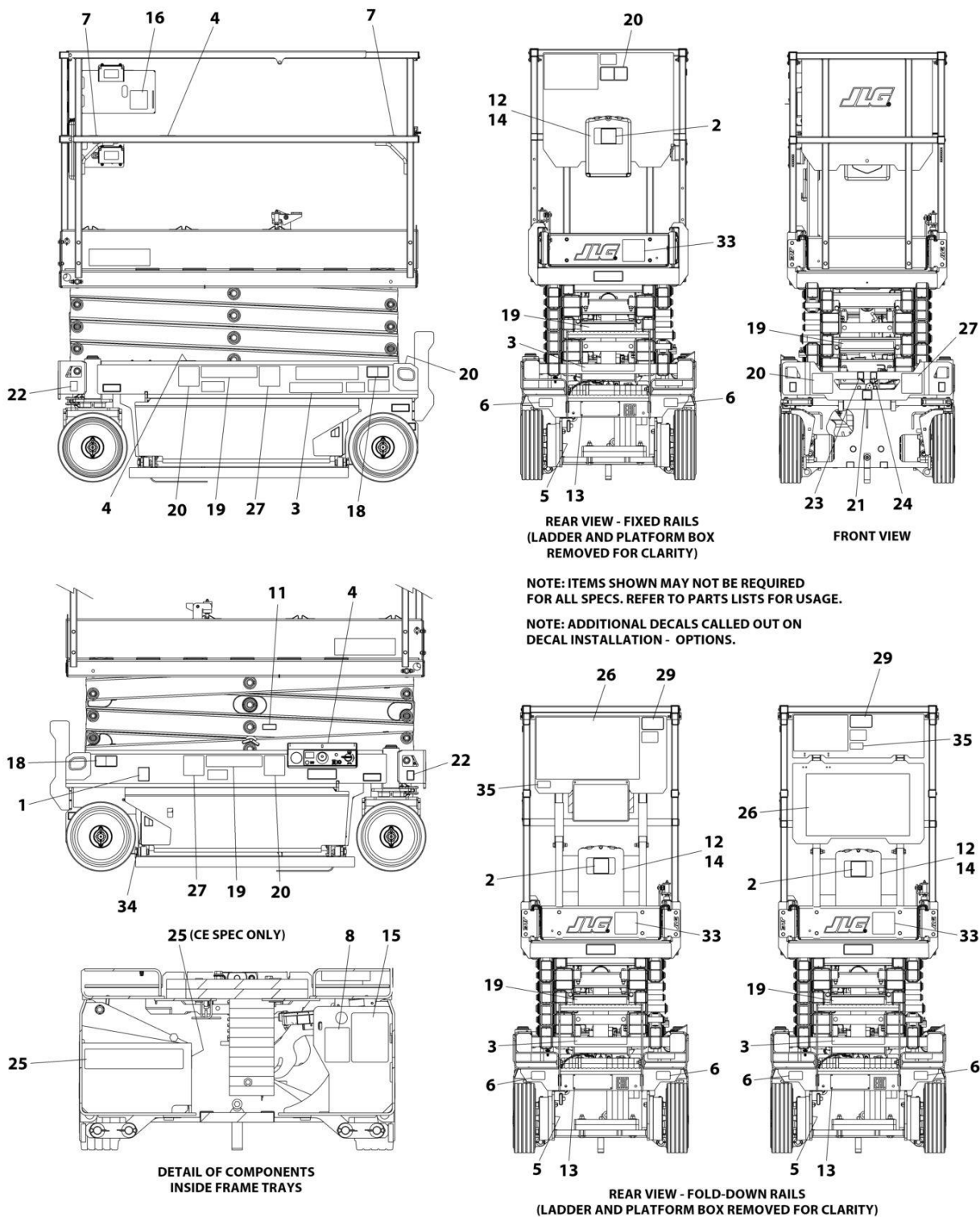
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FIGURE 8-2. DECAL INSTALLATION (AUSTRALIAN SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209914	Ref	DECAL INSTALLATION	D
	1001257773	Ref	DECAL CHART DRAWING	G
1	1701504	1	Decal - Hydraulic Oil	
2	1701640	1	Decal - Manual	
3	1705670	2	Decal - Fire Hazard	
4	1703819	4	Decal - Direction Arrow	
5	1703822	1	Decal - Manual Descent Instruction	
6	1704016	2	Decal - Fork Lift	
7	1704277	2	Decal - Lanyard Attach	
8	1704412	1	Decal - Hydraulic Oil	
11	1001220430	1	Decal - Safety Prop	
12	2080040	3	Fastener	
13	2080057	4	Fastener	
14	8990147	1	Holder, Manual	
16	1001132359	1	Decal - Control Box Locate	
18	1001162864	2	Decal - Lift Up/Tie Down	
19	1001219172	4	Decal - Crushing	
20	1001219171	5	Decal - Electrocution	
21	1001212290	1	Decal - Tie Down	
22	1001212291	2	Decal - Lifting Lug	
23	1001212292	1	Decal - No Lifting	
24	1001212293	1	Decal - No Forklift	
25	1001146794	1	Decal - Battery/Charger Service	

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FIGURE 8-3. DECAL INSTALLATION (BRAZIL SPECS)



ART_1001209910_C

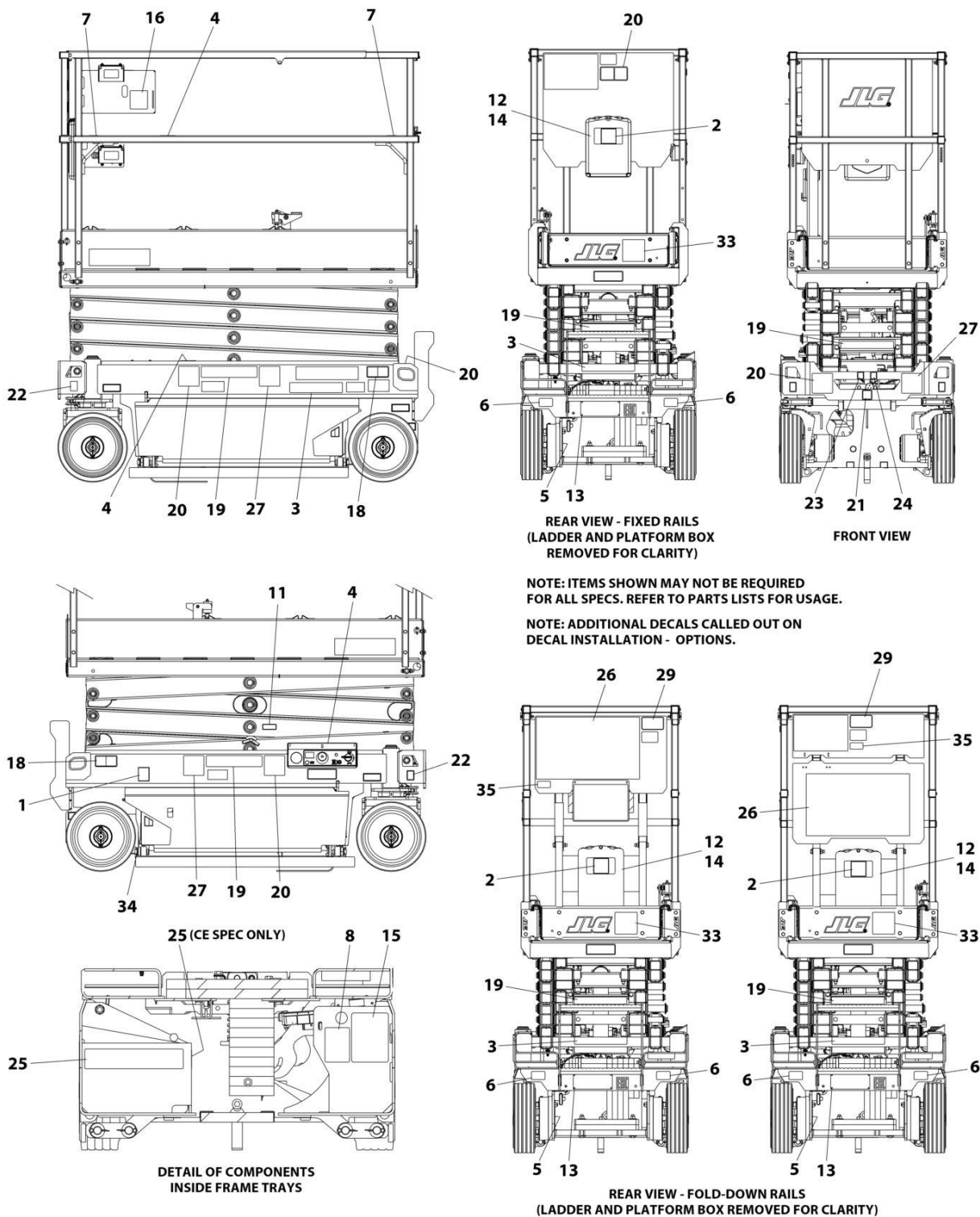
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FIGURE 8-3. DECAL INSTALLATION (BRAZIL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209910	Ref	DECAL INSTALLATION	C
	1001257773	Ref	DECAL CHART DRAWING	G
1	1701504	1	Decal - Hydraulic Oil	
2	1701640	1	Decal - Manual	
3	1704341	2	Decal - Warning Battery Ventilation	
4	1703819	4	Decal - Direction Arrow	
5	1703822	1	Decal - Manual Descent Instruction	
6	1704016	2	Decal - Fork Lift	
7	1704277	2	Decal - Lanyard Attach	
8	1704412	1	Decal - Hydraulic Oil	
11	1001220430	1	Decal - Safety Prop	
12	2080040	3	Fastener	
13	2080057	4	Fastener	
14	8990147	1	Holder, Manual	
16	1001132359	1	Decal - Control Box Locate	
18	1001162864	2	Decal - Lift Up/Tie Down	
19	1001216650	4	Decal - Crushing Hazard	
20	1001215748	4	Decal - Danger Electrocution	
21	1001212290	1	Decal - Tie Down	
22	1001212291	2	Decal - Lifting Lug	
23	1001212292	1	Decal - No Lifting	
24	1001212293	1	Decal - No Forklift	
25	1001146794	1	Decal - Battery/Charger Service	
26	1704699	1	Decal - Danger/Warning	
27	1001216648	4	Decal - Danger Electrocution	
34	1001224052	1	Decal - Yearly Inspection	

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FIGURE 8-4. DECAL INSTALLATION (CE & UK CA SPECS)



ART_1001209913_D

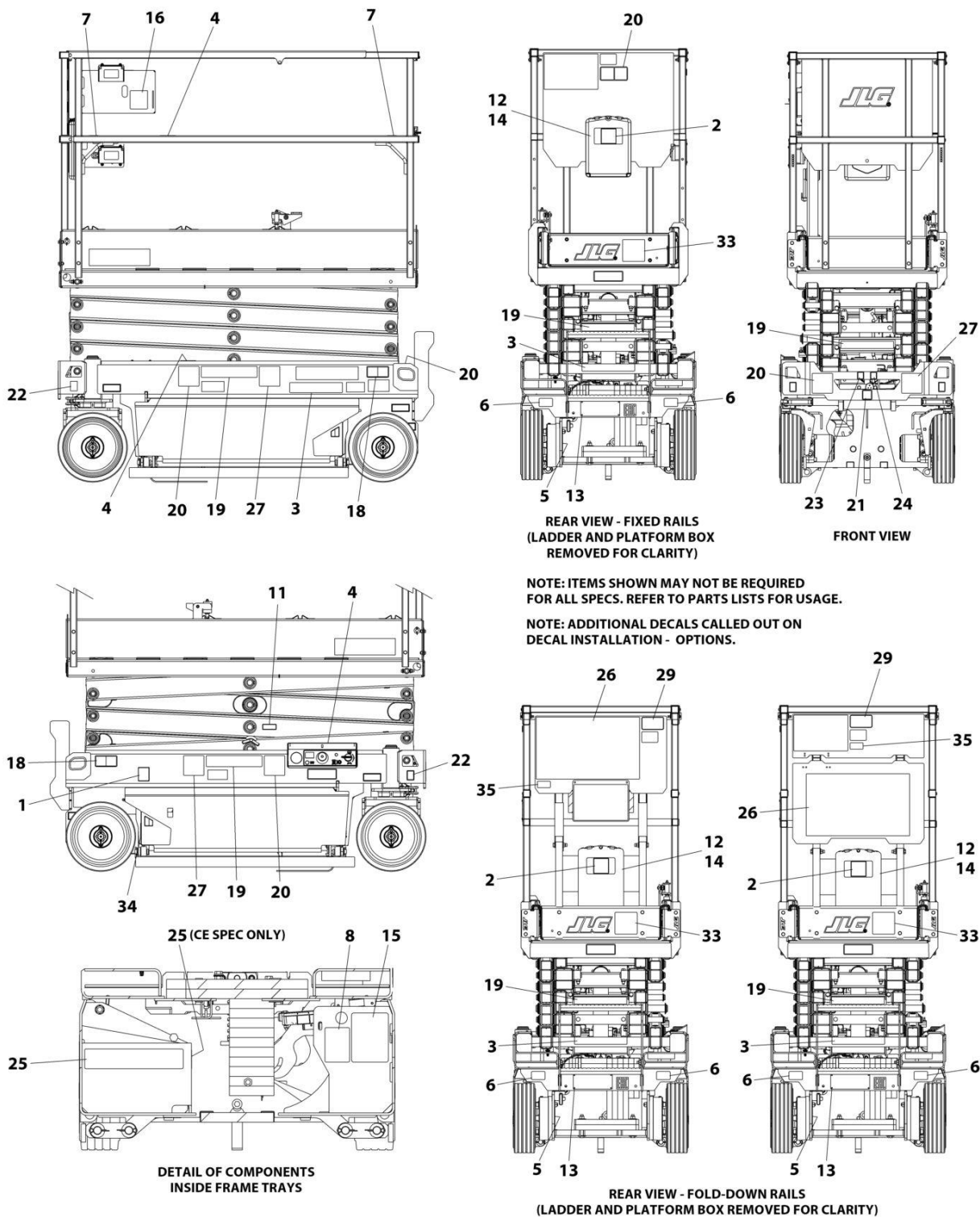
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FIGURE 8-4. DECAL INSTALLATION (CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209913	Ref	DECAL INSTALLATION	D
	1001257773	Ref	DECAL CHART DRAWING	G
1	1701504	1	Decal - Hydraulic Oil	
2	1701640	1	Decal - Manual	
3	1704340	2	Decal - Warning Battery Ventilation	
4	1703819	4	Decal - Direction Arrow	
5	1703822	1	Decal - Manual Descent Instruction	
6	1704016	2	Decal - Fork Lift	
7	1704277	2	Decal - Lanyard Attach	
8	1704412	1	Decal - Hydraulic Oil	
11	1001220430	1	Decal - Safety Prop	
12	2080040	3	Fastener	
13	2080057	4	Fastener	
14	8990147	1	Holder, Manual	
16	1001132359	1	Decal - Control Box Locate	
18	1001162864	2	Decal - Lift Up/Tie Down	
19	1001215755	4	Decal - Crushing	
20	1001211779	4	Decal - Electrocution	
21	1001212290	1	Decal - Tie Down	
22	1001212291	2	Decal - Lifting Lug	
23	1001212292	1	Decal - No Lifting	
24	1001212293	1	Decal - No Forklift	
25	1001146794	1	Decal - Battery/Charger Service	
26	1704684	1	Decal - Danger/Warning	
27	1001215749	4	Decal - Danger Electrocution	
34	1001223971	1	Decal - Yearly Inspection	
35	1001228370	1	Decal - ICES	

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FIGURE 8-5. DECAL INSTALLATION (CHINA SPECS)



ART_1001209909_E

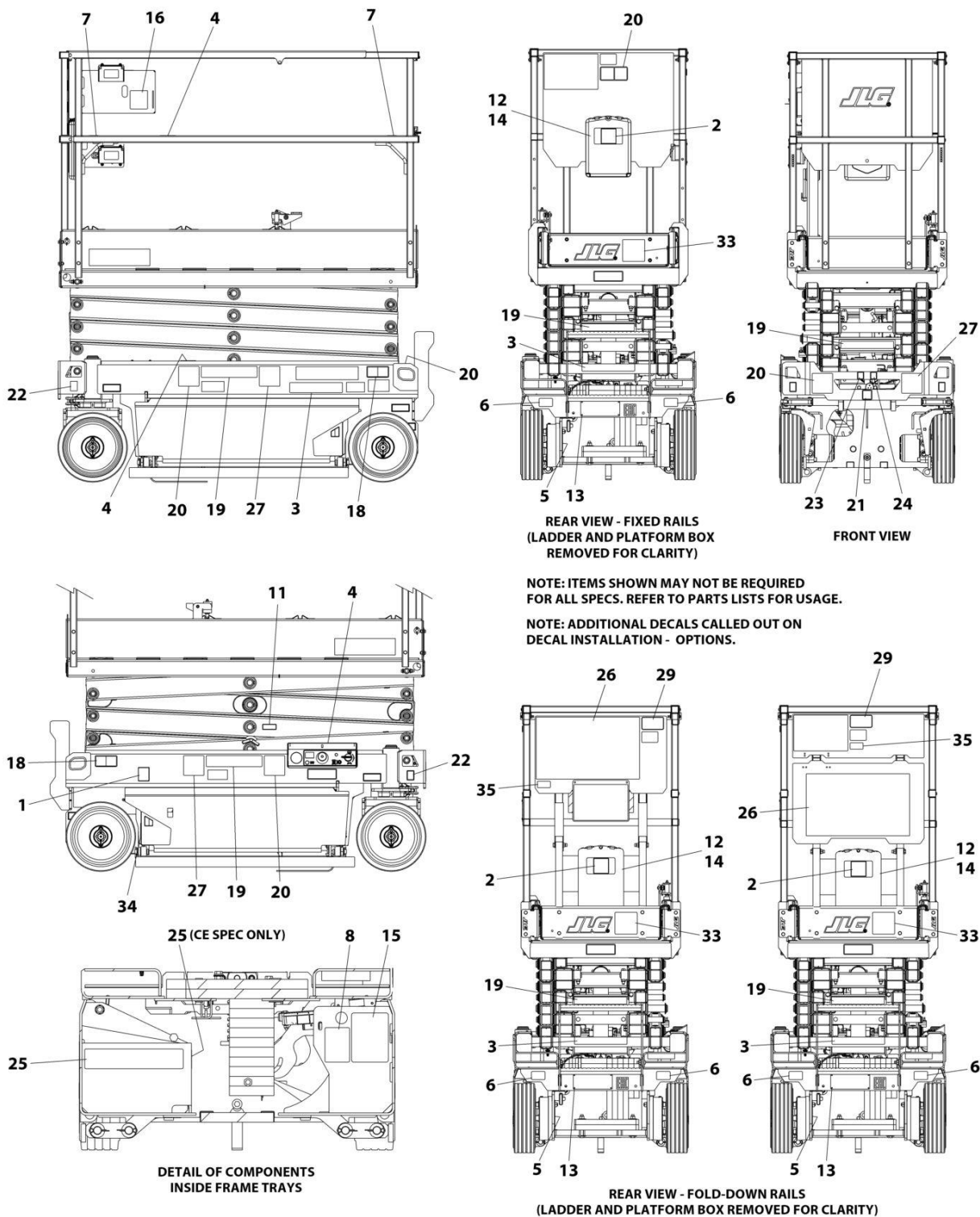
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FIGURE 8-5. DECAL INSTALLATION (CHINA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209909	Ref	DECAL INSTALLATION	E
	1001257773	Ref	DECAL CHART DRAWING	G
1	1701504	1	Decal - Hydraulic Oil	
2	1701640	1	Decal - Manual	
3	1704344	2	Decal - Warning Battery Ventilation	
4	1703819	4	Decal - Direction Arrow	
5	1703822	1	Decal - Manual Descent Instruction	
6	1704016	2	Decal - Fork Lift	
7	1704277	2	Decal - Lanyard Attach	
8	1704412	1	Decal - Hydraulic Oil	
11	1001220430	1	Decal - Safety Prop	
12	2080040	5	Fastener	
13	2080057	4	Fastener	
14	8990147	1	Holder, Manual	
16	1001132359	1	Decal - Control Box Locate	
18	1001162864	2	Decal - Lift Up/Tie Down	
19	1001215752	4	Decal - Crushing Hazard	
20	1001211779	4	Decal - Electrocution	
21	1001212290	1	Decal - Tie Down	
22	1001212291	2	Decal - Lifting Lug	
23	1001212292	1	Decal - No Lifting	
24	1001212293	1	Decal - No Forklift	
25	1001146794	1	Decal - Battery/Charger Service	
26	1705195	1	Decal - Danger/Warning	
27	1001215747	4	Decal - Danger Electrocution	
33	1001244298	2	Decal - Wechat	
34	1001224051	1	Decal - Yearly Inspection	

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FIGURE 8-6. DECAL INSTALLATION (CSA SPECS)



ART_1001219265_C

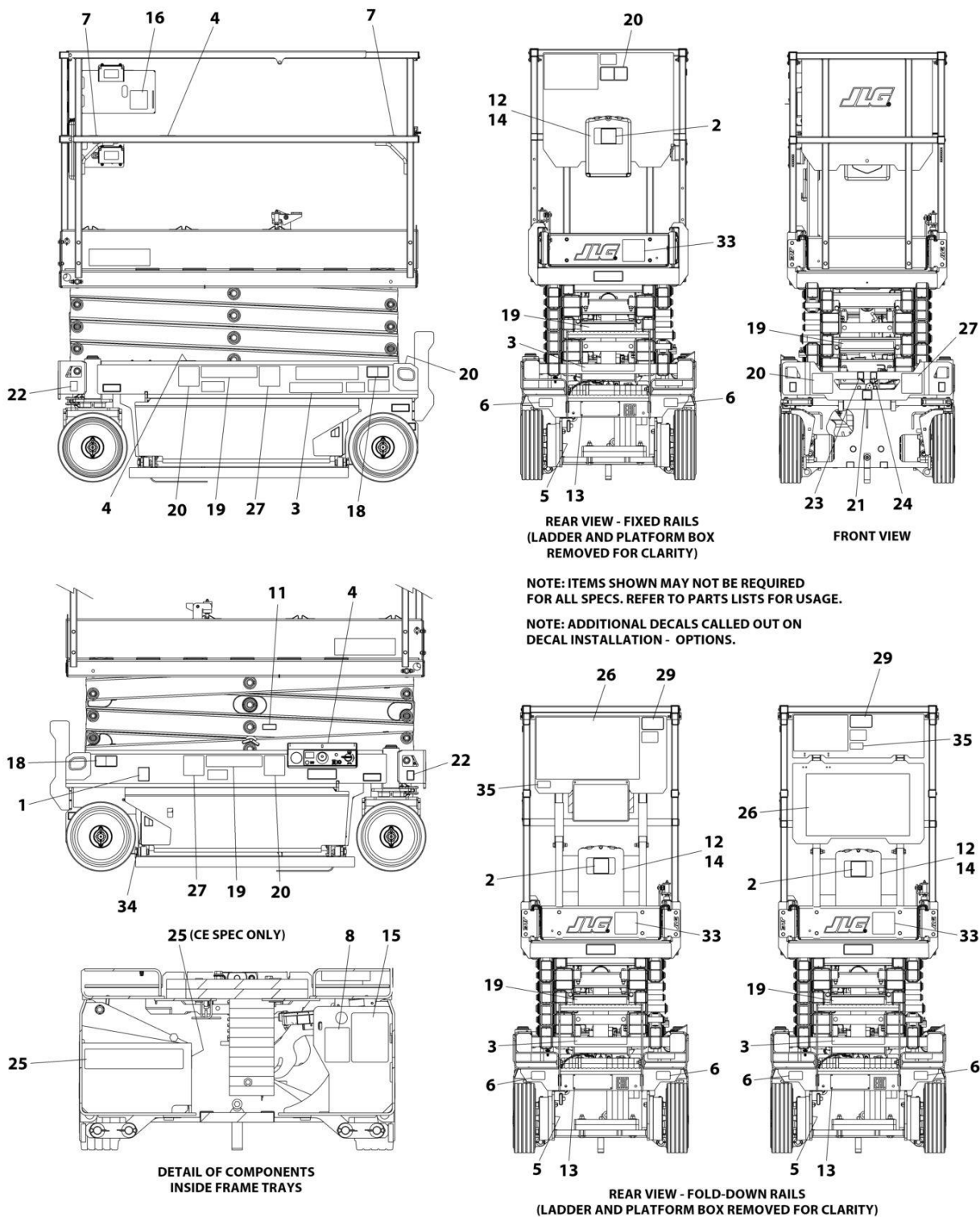
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FIGURE 8-6. DECAL INSTALLATION (CSA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219265	Ref	DECAL INSTALLATION	C
	1001257773	Ref	DECAL CHART DRAWING	G
1	1701504	1	Decal - Hydraulic Oil	
2	1701640	1	Decal - Manual	
3	1704340	2	Decal - Warning Battery Ventilation	
4	1703819	4	Decal - Direction Arrow	
5	1703822	1	Decal - Manual Descent Instruction	
6	1704016	2	Decal - Fork Lift	
7	1704277	2	Decal - Lanyard Attach	
8	1704412	1	Decal - Hydraulic Oil	
11	1001220430	1	Decal - Safety Prop	
12	2080040	5	Fastener	
13	2080057	4	Fastener	
14	8990147	1	Holder, Manual	
15	1001131270	1	Decal - Patent	
16	1001132359	1	Decal - Control Box Locate	
18	1001162864	2	Decal - Lift Up/Tie Down	
19	1001215755	4	Decal - Crushing Hazard	
20	1001211779	4	Decal - Electrocution	
21	1001212290	1	Decal - Tie Down	
22	1001212291	2	Decal - Lifting Lug	
23	1001212292	1	Decal - No Lifting	
24	1001212293	1	Decal - No Forklift	
25	1001146794	1	Decal - Battery/Charger Service	
26	1704684	1	Decal - Danger/Warning	
27	1001215749	4	Decal - Danger Electrocution	
34	1001223971	1	Decal - Yearly Inspection	
35	1001228370	1	Decal - ICES	

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FIGURE 8-7. DECAL INSTALLATION (KOREAN SPECS)



ART_1001209908_C

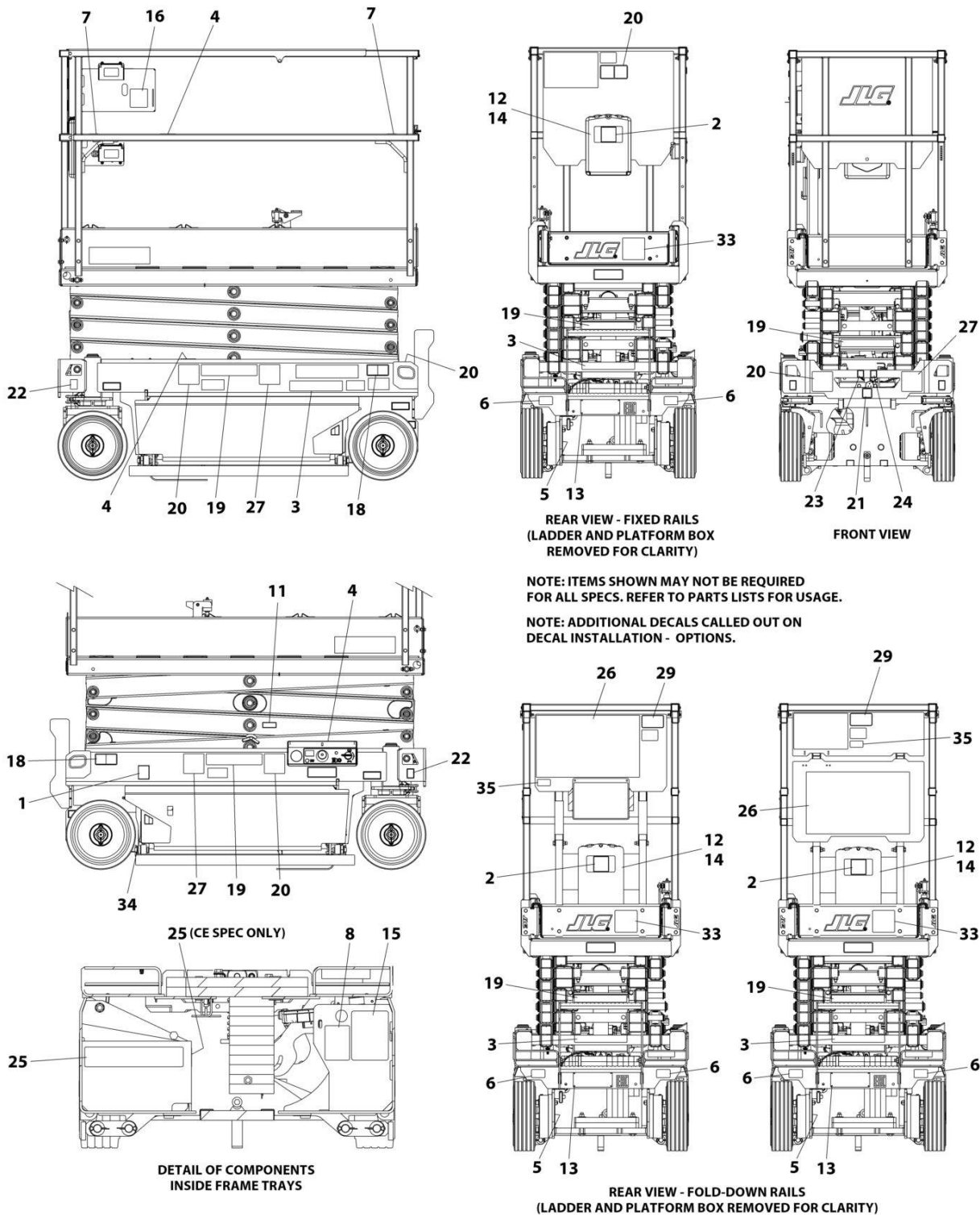
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FIGURE 8-7. DECAL INSTALLATION (KOREAN SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209908	Ref	DECAL INSTALLATION	C
	1001257773	Ref	DECAL CHART DRAWING	G
1	1701504	1	Decal - Hydraulic Oil	
2	1701640	1	Decal - Manual	
3	1707022	2	Decal - Warning Battery Ventilation	
4	1703819	4	Decal - Direction Arrow	
5	1703822	1	Decal - Manual Descent Instruction	
6	1704016	2	Decal - Fork Lift	
7	1704277	2	Decal - Lanyard Attach	
8	1704412	1	Decal - Hydraulic Oil	
11	1001220430	1	Decal - Safety Prop	
12	2080040	3	Fastener	
13	2080057	4	Fastener	
14	8990147	1	Holder, Manual	
16	1001132359	1	Decal - Control Box Locate	
18	1001162864	2	Decal - Lift Up/Tie Down	
19	1001215751	4	Decal - Crushing Hazard	
20	1001211779	4	Decal - Electrocution	
21	1001212290	1	Decal - Tie Down	
22	1001212291	2	Decal - Lifting Lug	
23	1001212292	1	Decal - No Lifting	
24	1001212293	1	Decal - No Forklift	
25	1001146794	1	Decal - Battery/Charger Service	
26	1001162115	1	Decal - Danger/Warning	
27	1001215750	4	Decal - Danger Electrocution	
28	1001224048	1	Decal - Yearly Inspection	

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



ART_1001209911_C

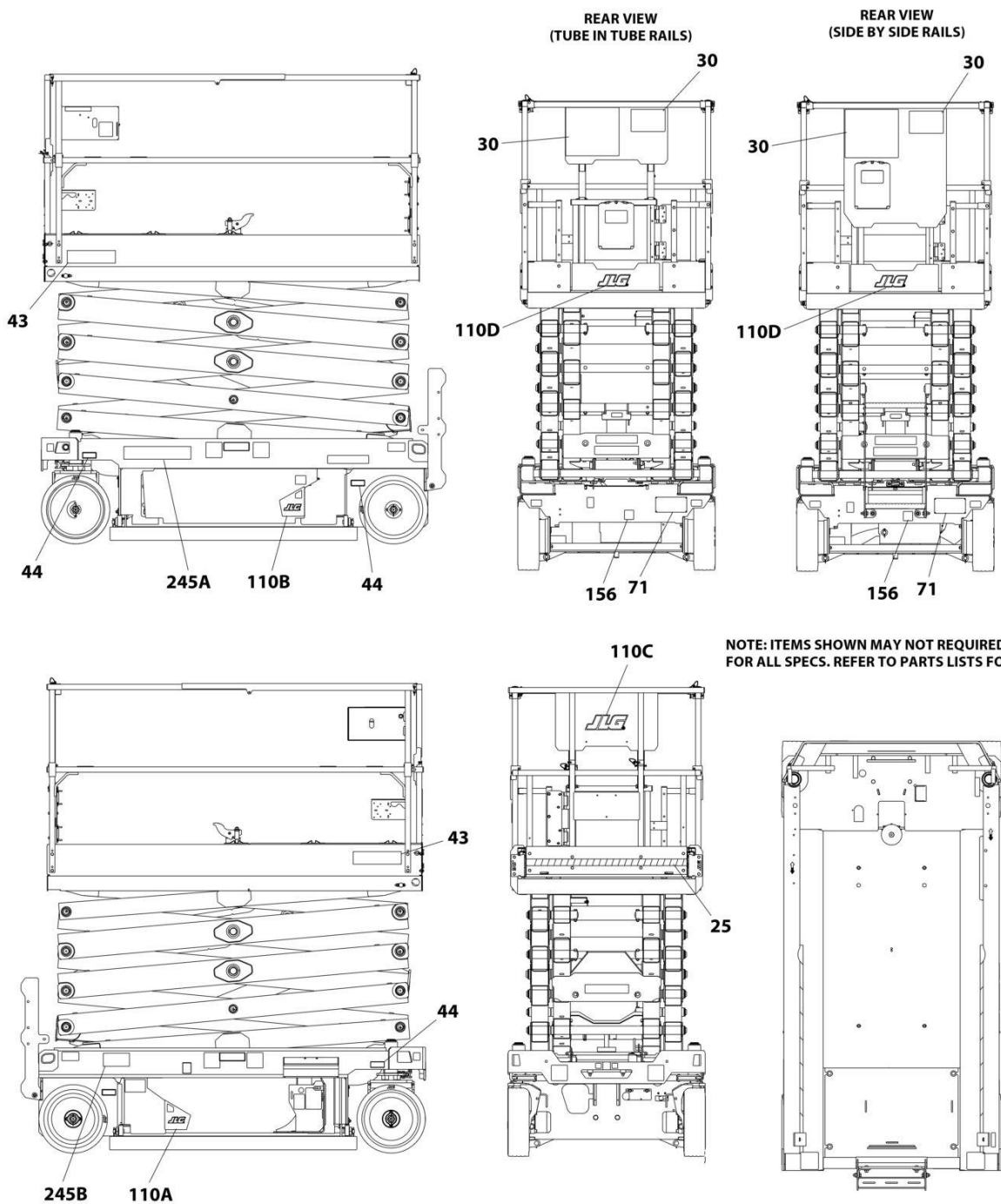
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FIGURE 8-8. DECAL INSTALLATION (LATIN AMERICAN SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209911	Ref	DECAL INSTALLATION	C
	1001257773	Ref	DECAL CHART DRAWING	G
1	1701504	1	Decal - Hydraulic Oil	
2	1701640	1	Decal - Manual	
3	1704339	2	Decal - Warning Battery Ventilation	
4	1703819	4	Decal - Direction Arrow	
5	1703822	1	Decal - Manual Descent Instruction	
6	1704016	2	Decal - Fork Lift	
7	1704277	2	Decal - Lanyard Attach	
8	1704412	1	Decal - Hydraulic Oil	
11	1001220430	1	Decal - Safety Prop	
12	2080040	3	Fastener	
13	2080057	4	Fastener	
14	8990147	1	Holder, Manual	
16	1001132359	1	Decal - Control Box Locate	
18	1001162864	2	Decal - Lift Up/Tie Down	
19	1001215754	4	Decal - Crushing Hazard	
20	1001211779	4	Decal - Electrocution	
21	1001212290	1	Decal - Tie Down	
22	1001212291	2	Decal - Lifting Lug	
23	1001212292	1	Decal - No Lifting	
24	1001212293	1	Decal - No Forklift	
25	1001146794	1	Decal - Battery/Charger Service	
26	1704691	1	Decal - Danger/Warning	
27	1001215748	4	Decal - Danger Electrocution	
34	1001224049	1	Decal - Yearly Inspection	

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FIGURE 8-9. DECAL INSTALLATION - OPTIONS



ART_DECAL_OPTIONS

SECTION 8 - DECALS

FIGURE 8-9. DECAL INSTALLATION - OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	DECAL INSTALLATION - OPTIONS	
25	1001209906	Ref	Corner Stripes Installation	
25	4420051	2.5 ft /75cm	Tape, Safety	
30		Ref	Decal - Capacity Options	
30	1001256175	1	Decal - Capacity (600LB/272KG) (R1532i) (All Specs)	
30	1001258899	1	Decal - Capacity (600LB/272KG) (R1532i) (ANSI Export, China, CSA and Korea Specs)	
30	1001256174	1	Decal - Capacity (507LB/230KG) (R1932i) (All Specs Except Australian Specs)	
30	1001258900	1	Decal - Capacity (507LB/230KG) (R1932i) (ANSI Export, China, CSA and Korea Specs)	
30	1001256176	1	Decal - Capacity (507LB/230KG) (R1932) (All Specs Except Japanese & Korean MOL70 Specs)	
30	1001265048	1	Decal - Capacity (507LB/230KG) (R1932) (Japanese & Korean MOL70 Specs)	
30	1001258822	1	Decal - Capacity (507LB/230KG) (R1932) (ANSI Export, China, CSA and Korea Specs)	
43		Ref	Decal - Model Designation Options:	
43	1001257171	2	Decal - R1532i	
43	1001257172	2	Decal - R1932i	
43	1001257173	2	Decal - R1932	
44		Ref	Decal - Maximum Tire Load Options:	
44	1001227703	4	Decal Maximum Tire Load - R1532i	
44	1705647	4	Decal Maximum Tire Load - R1932i	
44	1705648	4	Decal Maximum Tire Load - R1932	
71	See Note	NSS	Decal - Manufacturers Serial Number (Note: Not Available for Purchase)	
110	1001255102	Ref	JLG Decals Installation	
110A	1001255104	1	Decal - JLG (Right)	
110B	1001255105	1	Decal - JLG (Left)	
110C	1001256675	1	Decal - JLG	
110D	1001256676	1	Decal - JLG	
152		Ref	Decal - No Pipe Racks Allowed Options:	
152	1001092071	1	Decal - No Pipe Racks Allowed (English) (ANSI, ANSI Export and China Specs)	
152	1001092497	1	Decal - No Pipe Racks Allowed (English) (CE, Japanese & UK CA Specs)	
152	1001120623	1	Decal - No Pipe Racks Allowed (Spanish/Portuguese) (Brazil Specs)	
152	1001120622	1	Decal - No Pipe Racks Allowed (English/Chinese) (China Specs)	
152	1001092580	1	Decal - No Pipe Racks Allowed (English/French) (CSA Specs)	
152	1001120621	1	Decal - No Pipe Racks Allowed (English/Korean) (Korean Specs)	
152	1001120629	1	Decal - No Pipe Racks Allowed (English/Spanish) (Latin American Specs)	
156	1001173703	1	Decal - EAC (Russian/CIS Specs)	
245	1001236984	Ref	Decal - ClearSky	
245A	1001166208	1	Decal - ClearSky	
245B	1001120989	1	Decal - Radio Frequency	

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.	
	1001189172	1	Breaker 16Amp Double (CE & UK CA Specs Machines)	
	1001189171	1	Breaker 30mAmp (CE & UK CA Specs Machines)	
	1001181045	1	Breaker 30mAmp/16Amp (CE & UK CA Specs Machines)	
	70005893	1	Coil (Valve Assembly)	
	1600402	1	Controller, Drive/Steer	
	3990001	2	Diode, 3A (Charger Harness)	
	1001196634	2	Fuse, 2A (Charger Harness)	
	8229242	2	Fuse, 5A (Chassis Harness)	
	2400061	2	Fuse, 10A (Worklight Cable)	
	8229244	2	Fuse, 15A (Chassis Harness)	
	2860030	1	Key, Replacement	
	1001134821	1	Latch, Magnalatch Side Pull (Gate Latch Installation)	
	3080007	1	Latch, Magnet (Fixed Rails with Gate)	
	2940129	1	Latch, Under Center Draw (Fold Down Rails with Gate)	
	1001200629	1	Module, Control (Electrical Components Installation)	
	1001228112	1	Module, Platform (Platform Control Box)	
	1001274605	1	Module, Platform (Platform Control Box) (Indoor Only)	
	1001216062	1	Module, Power (Electrical Components Installation)	
	3740150	1	Relay (Electrical Components Installation, Inverter Installation & Ground Control Installation)	
	1001146963	1	Sensor, Angle (Scissor Arms Installation)	
	1001203871	1	Sensor, Limit (Pothole Protection)	
	1001102771	1	Sensor, Temperature (Charger Harness)	
	1001186466	1	Sensor, Tilt	
	4360475	1	Switch, Emergency Stop	
	4360469	1	Switch, Key	
	1001226749	1	Switch, Push Button (Platform Control Box)	
	1001226277	1	Switch, Overhead Protection	
	4360328	1	Switch, Toggle (Electrical Components Installation)	
	4360336	1	Switch, Toggle (Machines with Inverter)	
	1001258446	1	Switch, Toggle (Platform Control Box)	
	1001276738	1	Switch, Toggle (Ground Control Installation)	

SECTION 10 - SPECIAL OPTIONS/ACCESSORIES/KITS

SECTION 10 - SPECIAL OPTIONS/ACCESSORIES/KITS

FIGURE 10-1. SPECIAL OPTIONS/ACCESSORIES/KITS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: This list is to accommodate machines ordered with special equipment. Options may not be applicable to all models. For more specific parts information contact the JLG Parts Department.	
		Ref	SPECIAL OPTIONS/ACCESSORIES/KITS	
	1001236903	Ref	Antivandalism Package (Factory Installed)	
	1001249639	Ref	Antivandalism Add-on Kit (Dealer Installed)	
	1001255597	Ref	Battery Charger Add-on Kit (Can)	
	1001249326	Ref	Beacon Light Add-on Kit (Dual Lights)	
	1001249229	Ref	Beacon Light Add-on Kit (Single Light)	
		Ref	ClearSky Installation Options (Factory Installed):	
	1001278847	Ref	ClearSky Installation - 3-Wire	
	1001251144	Ref	ClearSky Installation - Canbus (ANSI & CSA Specs)	
	1001251145	Ref	ClearSky Installation - Canbus (ANSI Export, CE & UK CA Specs)	
	1001251146	Ref	ClearSky Installation - Canbus (R1932) (Australian Specs)	
	1001246531	Ref	ClearSky Installation – Canbus (China Specs)	
		Ref	ClearSky Add-on Kit Options (Dealer Installed):	
	1001265376	Ref	ClearSky Add-on Kit - Canbus (ANSI, ANSI Export & CSA Specs)	
	1001237257	Ref	ClearSky Add-on Kit - Canbus (ANSI Export, CE & UK CA Specs)	
	1001248502	Ref	ClearSky Add-on Kit (Australian Specs)	
	1001248503	Ref	ClearSky Add-on Kit (China Specs)	
	1001248689	Ref	ClearSky Add-on Kit - Access Control	
	1001276923	Ref	ClearSky Add-on Kit - GT1030 (Contact JLG for Approved Countries)	
	1001278848	Ref	ClearSky Add-on Kit - 3 Wire GT1030 (Contact JLG for Approved Countries)	
	1001239115	Ref	Ground Control Box Cover Kit	
		Ref	Decal Kit Options:	
	1001274823	Ref	R1932 Decal Kit	
	1001274824	Ref	R1932i Decal Kit	
	1001218012	Ref	Drive Motor Covers installation	
	1001229076	Ref	Drive Noise Reduction Add-on Kit	
		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	
	1001217667	Ref	Fire Extinguisher Installation	
	1001241486	Ref	Foot Latch Add-on Kit	
	1001208061	Ref	Footswitch Installation (ANSI Export, Japanese and Korea Specs Only)	
	1001225925	Ref	Inverter Add-on Kit (ANSI USA Specs Only)	
	1001220933	Ref	Height Restrictor Switch Installation	
	1001269704	Ref	Hostile Environment Installation (Steer)	
	1001245353	Ref	Mobile Control Installation (Factory Installed)	
	1001250532	Ref	Mobile Control Add-on Kit (Dealer Installed)	
	1001258356	Ref	Operator Access Control	

SECTION 10 - SPECIAL OPTIONS/ACCESSORIES/KITS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229727	Ref	Overhead Protection Add-on Kit (ANSI Export Specs Only)	W
	1001258633	Ref	Panel Decals Installation	
	1001270721	Ref	Pipe Racks Kit (Dealer Installed) (R1932)	
	1001269651	Ref	Platform Console Box Cover Add-on Kit (Dealer Installed)	
	1001225790	Ref	Platform Extension Deployment Handles Add-on Kit	
	1001265316	Ref	Pothole Protection Add-on Kit (Dealer Installed)	
	1001269798	Ref	Rail (Quick Access Rail) Add-on Kit (Dealer Installed) (R1932 & R1932i)	
	1001255000	Ref	Remote Tow Valve Installation	
	1001224583	Ref	Service Kits List	
	1001255883	Ref	Skysense Level 1 Installation (Factory Installed) (R1932/R1932i)	
	1001254721	Ref	Skysense Level 1 Add-on Kit (Dealer Installed) (R1932/R1932i)	
	1001265315	Ref	Steer Cover Add-on Kit (Dealer Installed) (R1932) (China Specs)	
	1001255009	Ref	Subassembly Installation	
	1001262557	Ref	Swing Gate Kit	
		Ref	Tools for Service	
	2901443	Ref	Analyzer Kit	
	1001232474	Ref	Benchtop Harness	
	8896941	Ref	Wire Stripper	
	7002821	Ref	Wire Crimper (To install wire ends to wires)	
	7002823	Ref	Pin/Socket Extractor - Universal (To Remove Pins/Sockets from Connectors)	
	4460467	Ref	Extractor - 16-18 Gauge (For Removal Pins/Sockets from Deutsch Connectors)	D
	4460510	Ref	Extractor - 12-14 Gauge (For Removal of Pins/Sockets from Deutsch Connectors)	
	1001301945	Ref	Rail (Spare) Kit (GB Specs Only)	
	7002822	Ref	Screwdriver, Potentiometer (To Adjust Drive Controllers)	
	7016654	Ref	Screwdriver, Magnetic	
	7004275	Ref	Seal Installation Tool - 1in	
	7004276	Ref	Seal Installation Tool - 1-1/2in	
	7002826	Ref	Seal Installation Tool - 2in	
	1001264614	Ref	Tool Tray Accessory (Dealer Installed)	
	1001269646	Ref	Tool Tray Add-on Kit (Dealer Installed)	
	1001262959	Ref	Voltage Regulator Re-Location Kit	

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