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## Illustrated Parts Manual

### **Models**

**3369LE**

**4069LE**

**M3369**

**M4069**

SN 0200230092

to 0200266243

SN M200000100

to M200039307

P/N

**3121640**

**December 11, 2019 - Rev P**

**ANSI**

**CE**



**AS/NZS**



An Oshkosh Corporation Company



## **REVISION LOG**

**November 1, 2014 - A - Original Issue Of Manual (Edited to B/M 1001165000 Revision C)**

**September 30, 2015 - B - Revised Manual (Edited to B/M 1001165000 Revision I)**

**November 30, 2015 - C - Revised Manual (Edited to B/M 1001165000 Revision M)**

**February 12, 2016 - D - Revised Manual (Edited to B/M 1001165000 Revision O)**

**May 5, 2016 - E - Revised Manual (Edited to B/M 1001165000 Revision Q)**

**August 31, 2016 - F - Revised Manual (Edited to B/M 1001165000 Revision R)**

**November 23, 2016 - G - Revised Manual (Edited to B/M 1001165000 Revision S)**

**February 16, 2017 - H - Revised Manual (Edited to B/M 1001165000 Revision T)**

**May 19, 2017 - I - Revised Manual (Edited to B/M 1001165000 Revision T)**

**August 04, 2017 - J - Revised Manual (Edited to B/M 1001165000 Revision T)**

**November 30, 2017 - K - Revised Manual (Edited to B/M 1001165000 Revision T)**

**February 2, 2018 - L - Revised Manual (Edited to B/M 1001165000 Revision V)**

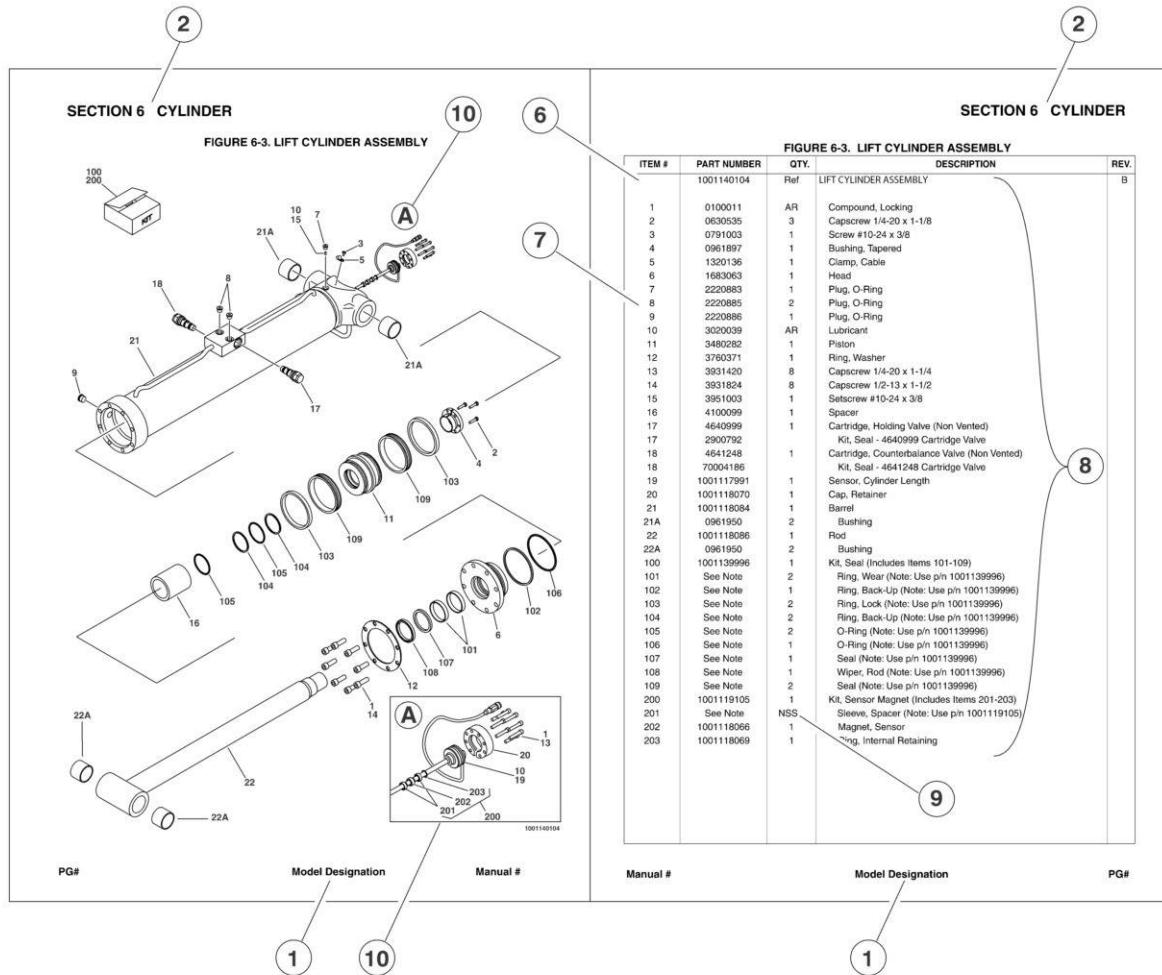
**May 30, 2018 - M - Revised Manual (Edited to B/M 1001165000 Revision V)**

**August 25, 2018 - N - Revised Manual (Edited to B/M 1001165000 Revision X) (Revision1)**

**December 20, 2018 - O - Revised Manual (Edited to B/M 1001165000 Revision X)**

**December 11, 2019 - P - Revised Manual (Edited to B/M 1001165000 Revision Y)**

# GENERAL INFORMATION



## 1) MACHINE IDENTIFICATION

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

## 2) PARTS MANUAL ORGANIZATION

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

## 3) TABLE OF CONTENTS

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

## 4) RECOMMENDED SPARE PARTS

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

## 5) PART NUMBER INDEX

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

## GENERAL INFORMATION

### 6) NON-SERVICED PARTS

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

### 7) PARTS LIST ITEM NUMBERS

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

### 8) INDENTED PARTS DESCRIPTION

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

### 9) ABB REVIAITION AND SYMBOLS

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

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

### 10) ILLUSTRATION REFERENCE LETTERS

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

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



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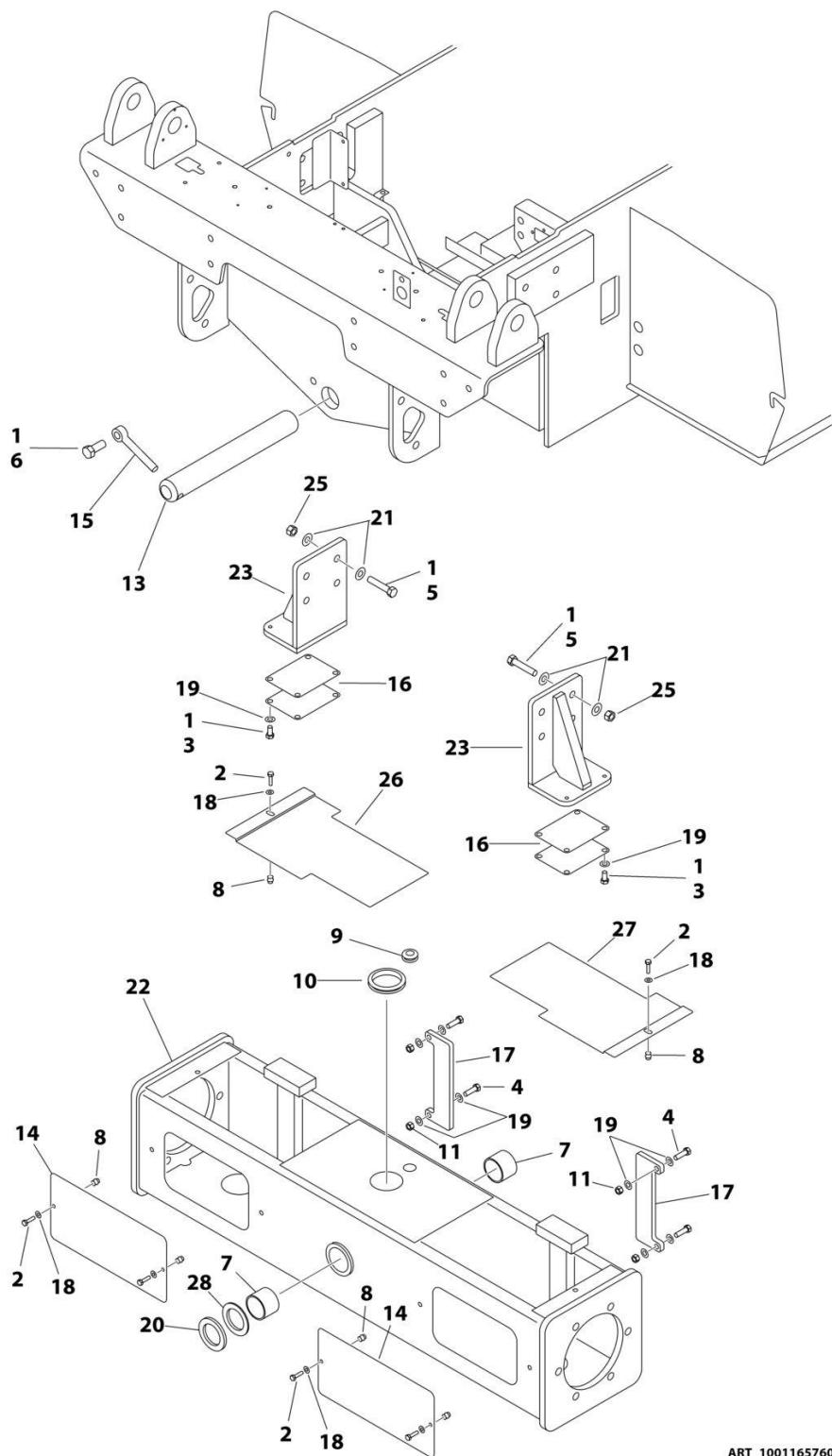
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## **SECTION 1 - FRAME**

### **SECTION 1 - FRAME**

## SECTION 1 - FRAME

FIGURE 1-1. REAR AXLE INSTALLATION - FIXED



ART\_1001165760

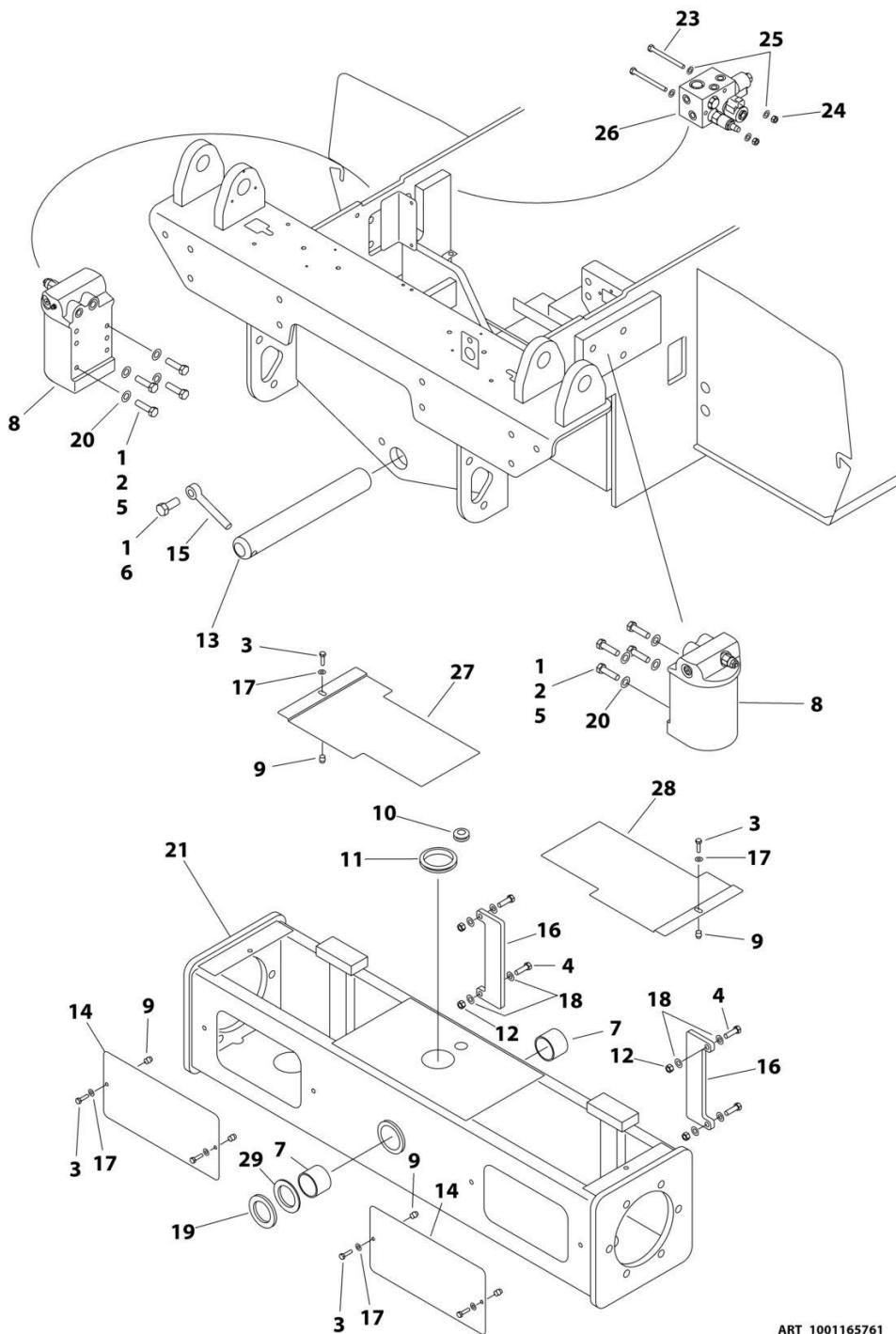
# SECTION 1 - FRAME

**FIGURE 1-1. REAR AXLE INSTALLATION - FIXED**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165760	Ref	REAR AXLE INSTALLATION - FIXED	
1	0100011	AR	Compound, Locking	
2	0641408	6	Bolt 1/4 x 1	
3	0641606	4	Bolt 3/8 x 3/4	
4	0641610	4	Bolt 3/8 x 1-1/4	
5	0641820	8	Bolt 1/2 x 2-1/2	
6	0642012	1	Bolt 5/8 x 1-1/2	
7	0961950	2	Bearing	
8	2080061	6	Fastener	
9	2540038	1	Grommet	
10	2540039	1	Grommet	
11	3311605	4	Nut 3/8	
13	3422900	1	Pin	
14	3572554	2	Plate, Cover	
15	3841258	1	Keeper, Pin	
16	4070932	4	Shim 16Ga	
17	4071008	2	Shim	
18	4711400	6	Washer 1/4	
19	4711600	12	Washer 3/8	
20	4740158	1	Washer	
21	4891800	16	Washer 1/2	
22	1001164150	1	Axle	
23	1001165629	2	Support	
25	3311805	8	Nut 1/2	
26	1001165821	NLA	Plate, Cover (LH) (Use p/n 1001180299) ( <b>SN 0200230092 through 0200235754</b> )	
26	1001180299	1	Plate, Cover (LH) ( <b>SN 0200235755 through 0200266243</b> )	
26	1001180299	1	Plate, Cover (LH) ( <b>SN M200000100 through M200039307</b> )	
27	1001165821	NLA	Plate, Cover (RH) (Use p/n 1001180300) ( <b>SN 0200230092 through 0200235754</b> )	
27	1001180300	1	Plate, Cover (RH) ( <b>SN 0200235755 through 0200266243</b> )	
27	1001180300	1	Plate, Cover (RH) ( <b>SN M200000100 through M200039307</b> )	
28	4740541	AR	Washer, Thrust	

## **SECTION 1 - FRAME**

**FIGURE 1-2. REAR AXLE INSTALLATION - OSCILLATING (ALL SPECS EXCEPT CE SPEC)**



ART\_1001165761

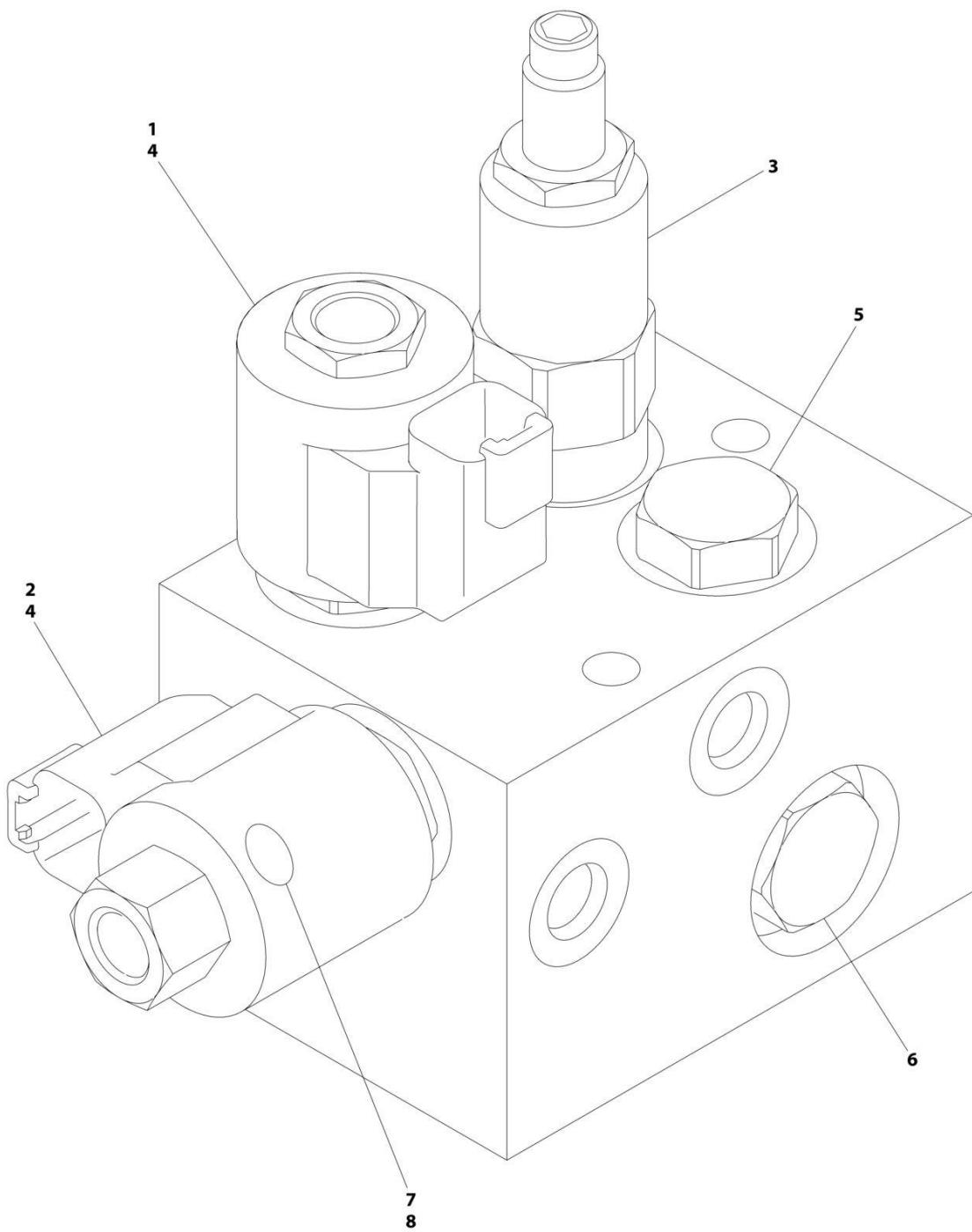
# SECTION 1 - FRAME

**FIGURE 1-2. REAR AXLE INSTALLATION - OSCILLATING (ALL SPECS EXCEPT CE SPEC)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165761	Ref	REAR AXLE INSTALLATION - OSCILLATING (ALL SPECS EXCEPT CE SPEC)	F
1	0100011	AR	Compound, Locking	
2	0100038	AR	Primer, Locking	
3	0641408	6	Bolt 1/4 x 1	
4	0641610	4	Bolt 3/8 x 1-1/4	
5	0701217	8	Bolt M12 x 45	
6	0642012	1	Bolt 5/8 x 1-1/2	
7	0961950	2	Bearing	
8	1001163580	2	Axle Lockout Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
9	2080061	6	Fastener	
10	2540038	1	Grommet	
11	2540039	1	Grommet	
12	3311605	4	Nut 3/8	
13	3422900	1	Pin	
14	3572554	2	Plate, Cover	
15	3841258	1	Keeper, Pin	
16	4071008	2	Shim	
17	4711400	6	Washer 1/4	
18	4711600	8	Washer 3/8	
19	4740158	1	Washer 1/4	
20	5241200	8	Washer M12	
21	1001164150	1	Axle	
23	0641530	2	Bolt 5/16 x 3-3/4	
24	3311505	2	Nut 5/16	
25	4711500	4	Washer 5/16	
26	1001166487	1	Oscillating Axle Valve Assembly (See OSCILLATING AXLE VALVE ASSEMBLY (ALL SPECS EXCEPT CE SPEC) for Breakdown)	
27	1001165821	NLA	Plate, Cover (LH) (Use p/n 1001180299) <b>(SN 0200230092 through 0200235754)</b>	
27	1001180299	1	Plate, Cover (LH) <b>(SN 0200235755 through 0200266243)</b>	
27	1001180299	1	Plate, Cover (LH) <b>(SN M200000100 through M200039307)</b>	
28	1001165821	NLA	Plate, Cover (RH) (Use p/n 1001180300) <b>(SN 0200230092 through 0200235754)</b>	
28	1001180300	1	Plate, Cover (RH) <b>(SN 0200235755 through 0200266243)</b>	
28	1001180300	1	Plate, Cover (RH) <b>(SN M200000100 through M200039307)</b>	
29	4740541	AR	Washer, Thrust	

## SECTION 1 - FRAME

FIGURE 1-3. OSCILLATING AXLE VALVE ASSEMBLY (ALL SPECS EXCEPT CE SPEC)



ART\_1001166487

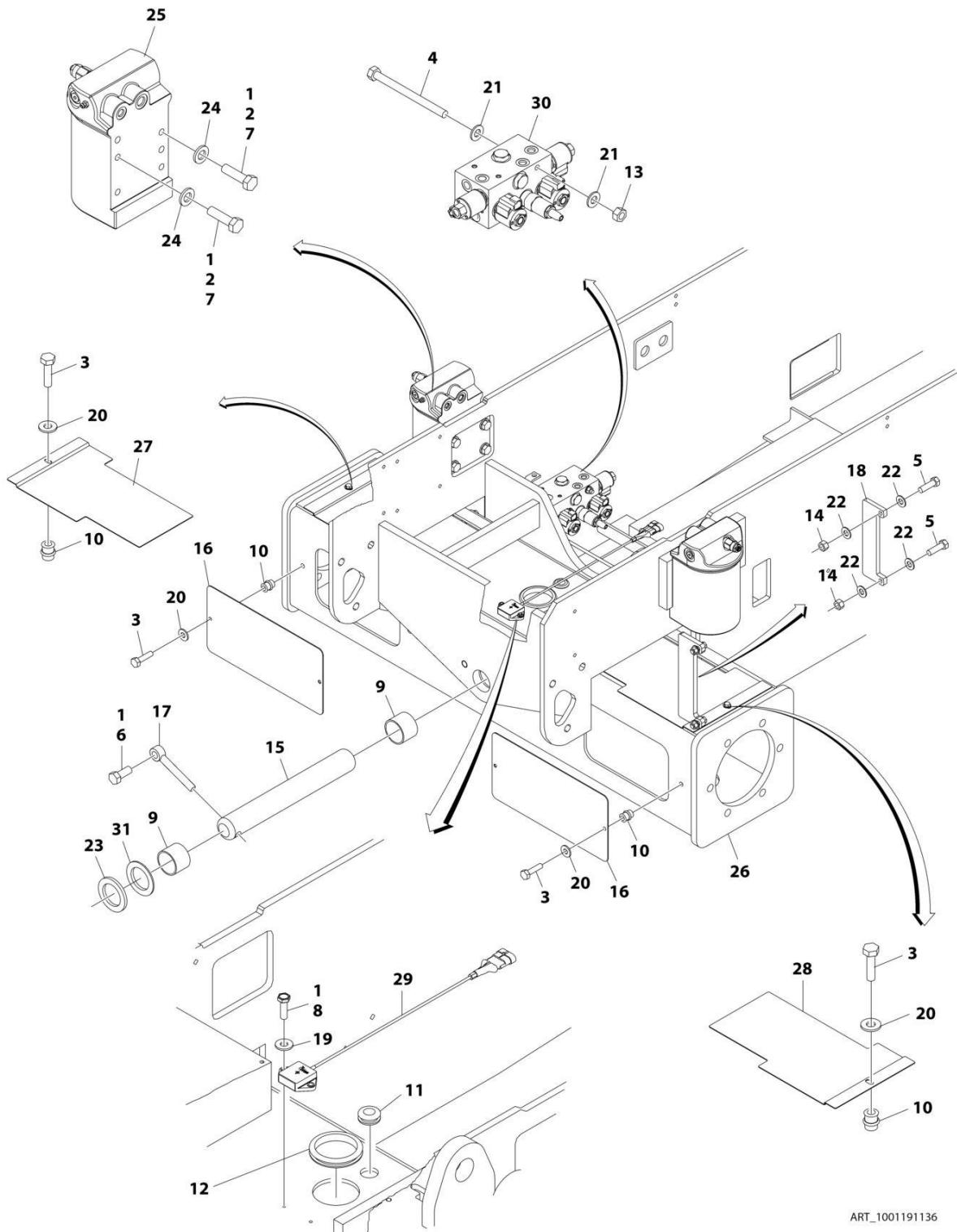
## SECTION 1 - FRAME

**FIGURE 1-3. OSCILLATING AXLE VALVE ASSEMBLY (ALL SPECS EXCEPT CE SPEC)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166487	Ref	OSCILLATING AXLE VALVE ASSEMBLY	
1	70004387	1	Cartridge Less Coil	
1	7010543	1	Seal Kit - 70004387 Valve	
2	7017410	1	Cartridge Less Coil	
2	7012967	1	Seal Kit - 7017410 Valve	
2	70003978	1	Nut, Coil	
3	70004388	1	Cartridge, Valve	
3	7021653	1	Seal Kit - 70004388 Valve	
4	70002963	2	Coil	
5	7023976	1	Cartridge, Valve	
5	7012967	1	Seal Kit - 7023976 Valve	
6	7012955	1	Cartridge, Valve	
6	7012967	1	Seal Kit - 7012955 Cartridge	
7	70004389	1	Orifice	
8	7017406	1	Plug	

## SECTION 1 - FRAME

FIGURE 1-4. REAR AXLE INSTALLATION - OSCILLATING (CE SPEC) (SN 0200246353 through 0200266243, SN M200000100 through M200039307)



ART\_1001191136

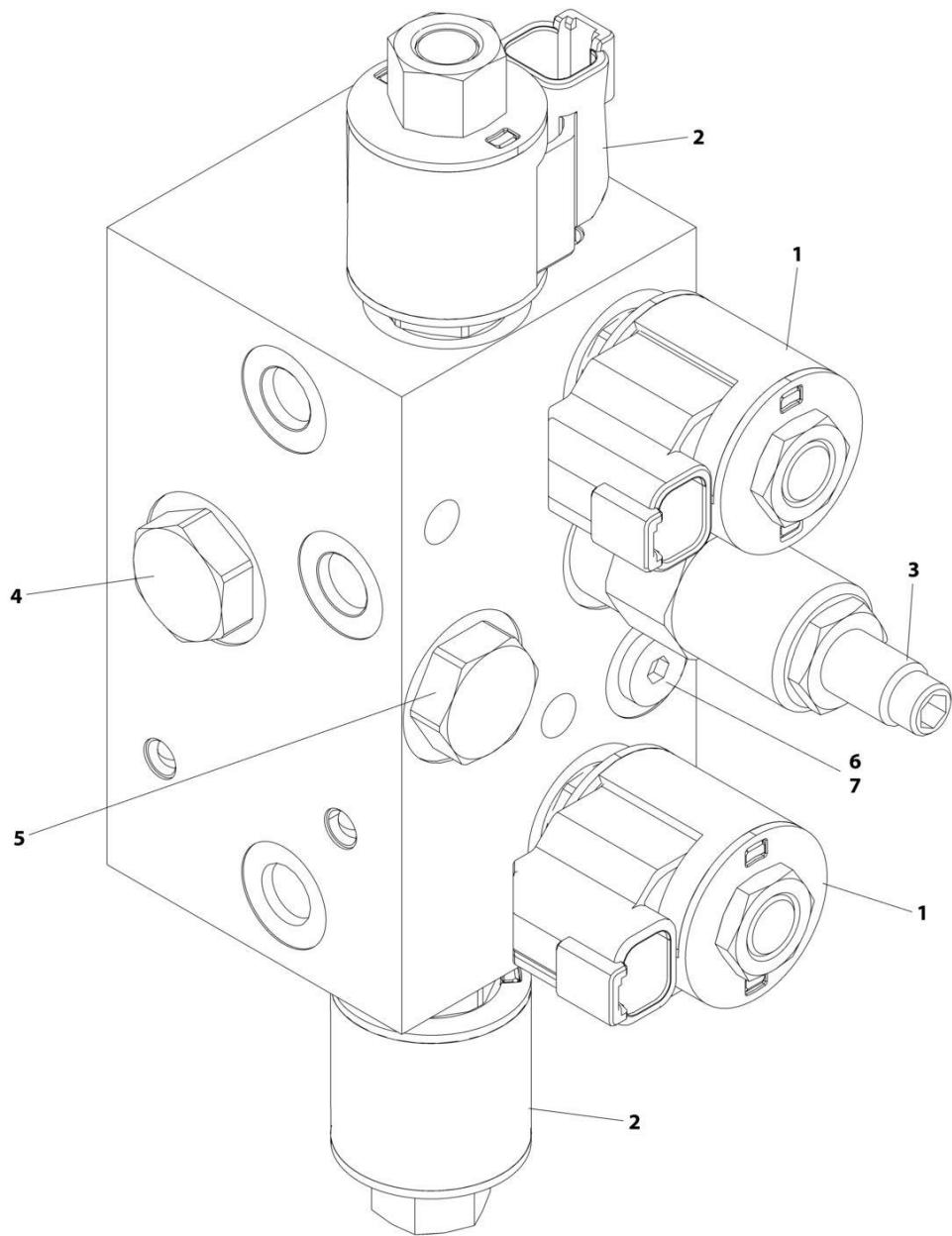
## SECTION 1 - FRAME

**FIGURE 1-4. REAR AXLE INSTALLATION - OSCILLATING (CE SPEC) (SN 0200246353 through 0200266243, SN M20000100 through M200039307)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191136	Ref	REAR AXLE INSTALLATION - OSCILLATING	
1	0100011	AR	Compound, Locking	
2	0100038	AR	Primer, Locking	
3	0641408	6	Bolt 1/4 x 1	
4	0641532	2	Bolt 1/4 x 1	
5	0641610	4	Bolt 5/16 x 4	
6	0642012	1	Bolt 5/8 x 1-1/2	
7	0701217	8	Bolt M12 x 45	
8	0721005	2	Bolt 10 x 0.625	
9	0961950	2	Bearing	
10	2080061	6	Fastener	
11	2540038	1	Grommet	
12	2540039	1	Grommet	
13	3311505	2	Nut 5/16	
14	3311605	4	Nut 3/8	
15	3422900	1	Pin	
16	3572554	2	Plate, Cover	
17	3841258	1	Keeper, Pin	
18	4071008	2	Shim	
19	4711000	2	Washer #10	
20	4711400	6	Washer 1/4	
21	4711500	4	Washer 5/16	
22	4711600	8	Washer 3/8	
23	4740158	1	Washer 1/4	
24	5241200	8	Washer M12	
25	1001163580	2	Axle Lockout Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
26	1001164150	1	Axle	
27	1001180299	1	Plate, Cover (LH)	
28	1001180300	1	Plate, Cover (RH)	
29	1001186467	1	Sensor	
30	1001186548	1	Oscillating Axle Valve Assembly (See Separate Breakdown in this Section)	
31	4740541	AR	Washer, Thrust	

## SECTION 1 - FRAME

FIGURE 1-5. OSCILLATING AXLE VALVE ASSEMBLY (CE SPEC) (SN 0200246353 through 0200266243, SN M200000100 through M200039307)



ART\_1001186548

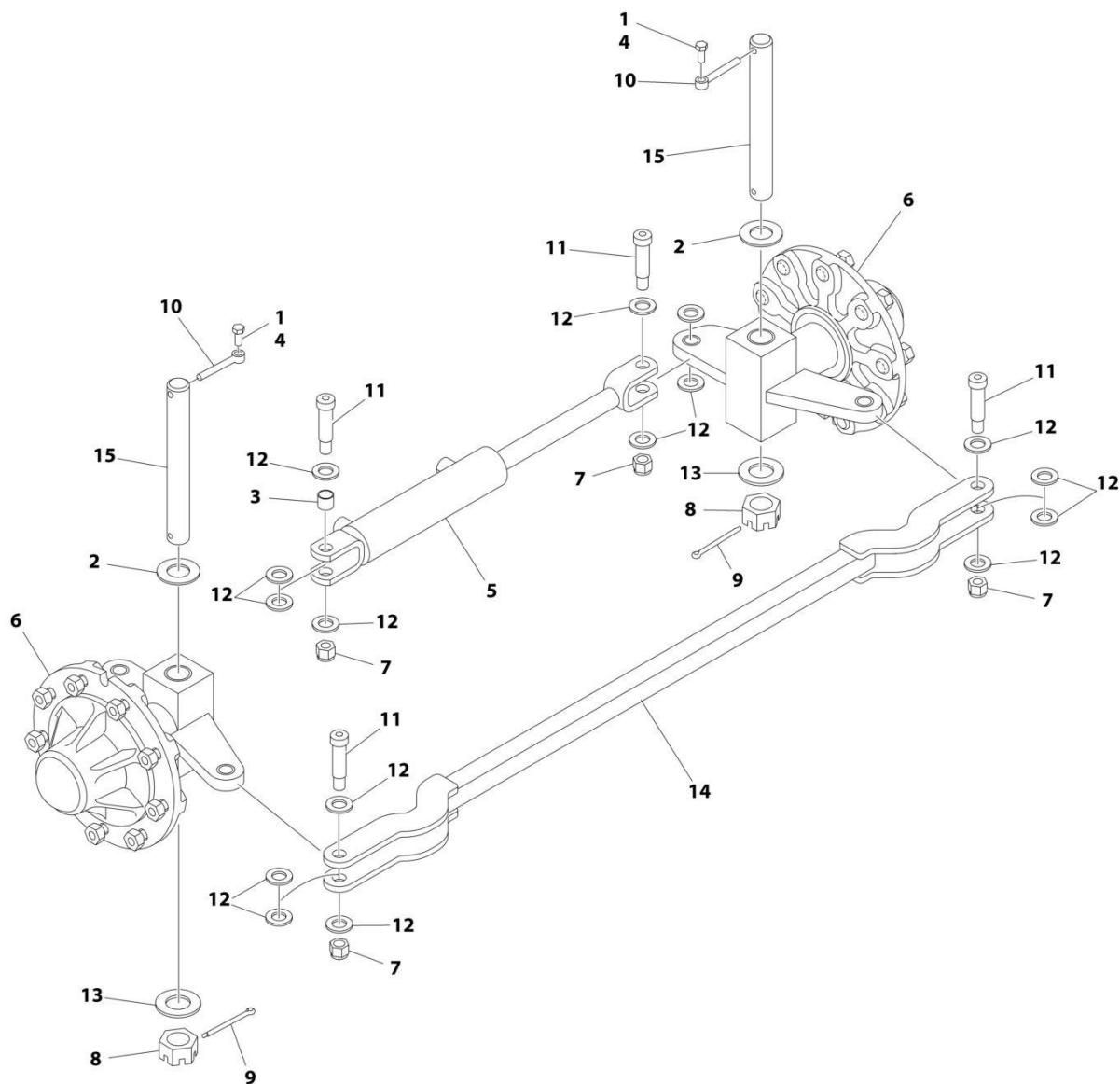
## SECTION 1 - FRAME

**FIGURE 1-5. OSCILLATING AXLE VALVE ASSEMBLY (CE SPEC) (SN 0200246353 through 0200266243, SN M20000100 through M200039307)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186548	Ref	OSCILLATING AXLE VALVE ASSEMBLY	
1	70004387	2	Cartridge, Check	
1A	7010543	1	Seal Kit - 70004387 Valve	
1B	70002963	2	Coil	
2	7017410	2	Cartridge, Check	
2A	7012967	1	Seal Kit - 7017410 Valve	
2B	70003978	1	Nut, Coil	
2C	70002963	2	Coil	
3	70004388	1	Cartridge, Check	
3A	7021653	1	Seal Kit - 7014388 Valve	
4	7023976	1	Cartridge, Check	
4A	7012967	1	Seal Kit - 7013976 Valve	
5	7012955	1	Cartridge, Check	
5A	7012967	1	Seal Kit - 7012955 Valve	
6	70004389	1	Orifice	
7	2220883	1	Plug	

## SECTION 1 - FRAME

FIGURE 1-6. STEERING INSTALLATION - 2WD



ART\_1001165838

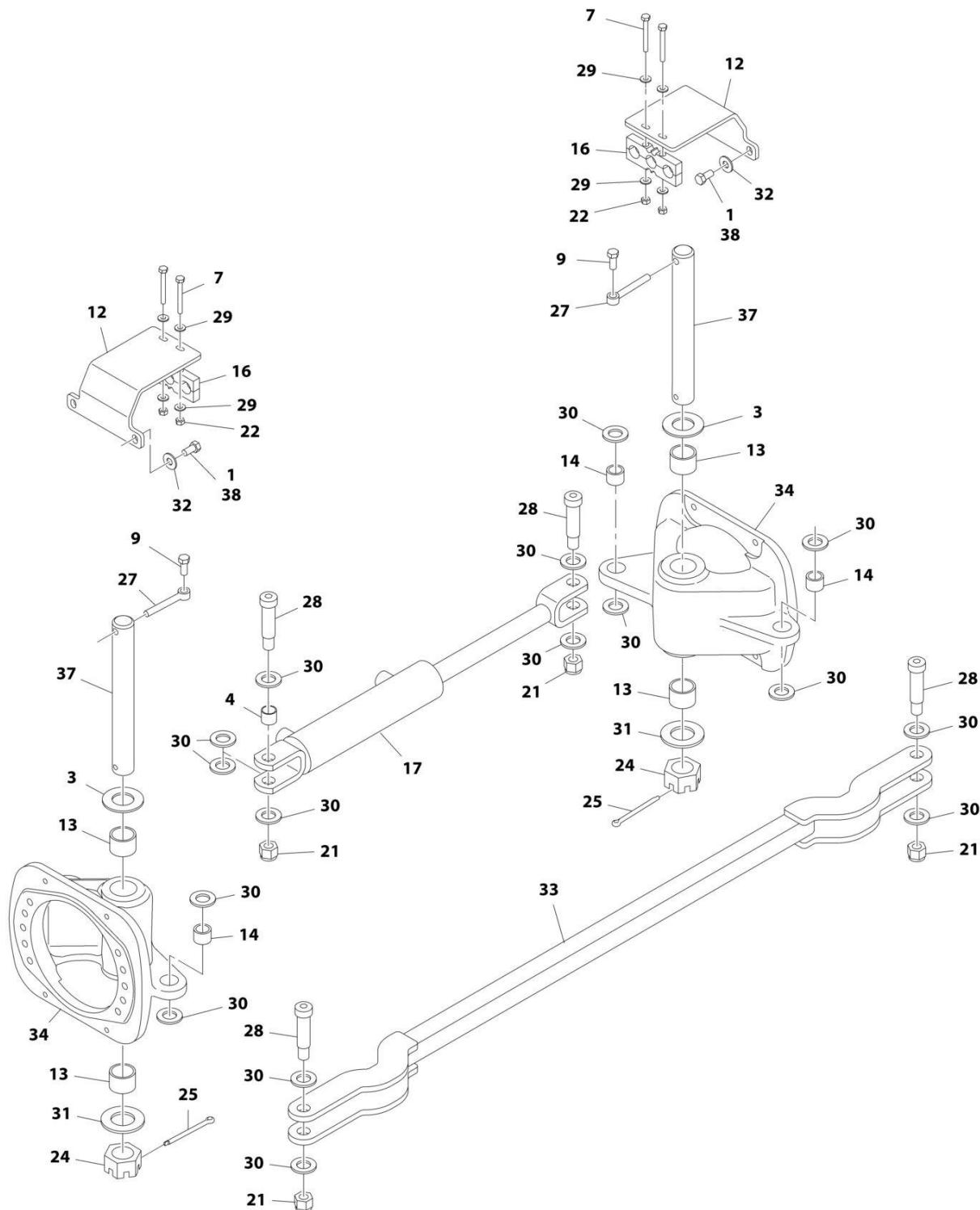
## SECTION 1 - FRAME

FIGURE 1-6. STEERING INSTALLATION - 2WD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165838	Ref	STEERING INSTALLATION - 2WD	
1	0100011	AR	Compound, Locking	C
2	0440162	2	Bearing	
3	0440247	1	Bearing	
4	0641607	2	Bolt 3/8 x 7/8	
5	1683994	1	Steer Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
6	2780234	2	Hub Assembly (See Separate Breakdown in this Section)	
7	3300240	4	Nut 5/8	
8	3313003	2	Nut 1-1/4	
9	3450812	2	Pin, Cotter	
10	3841143	2	Keeper, Pin	
11	3900266	4	Screw	
12	4712200	16	Washer 3/4	
13	4713000	2	Washer 1-1/4	
14	4846301	1	Tie-Rod	
15	1001165819	2	Kingpin	

## SECTION 1 - FRAME

FIGURE 1-7. STEERING INSTALLATION - 4WD



ART\_1001165839\_1OF2

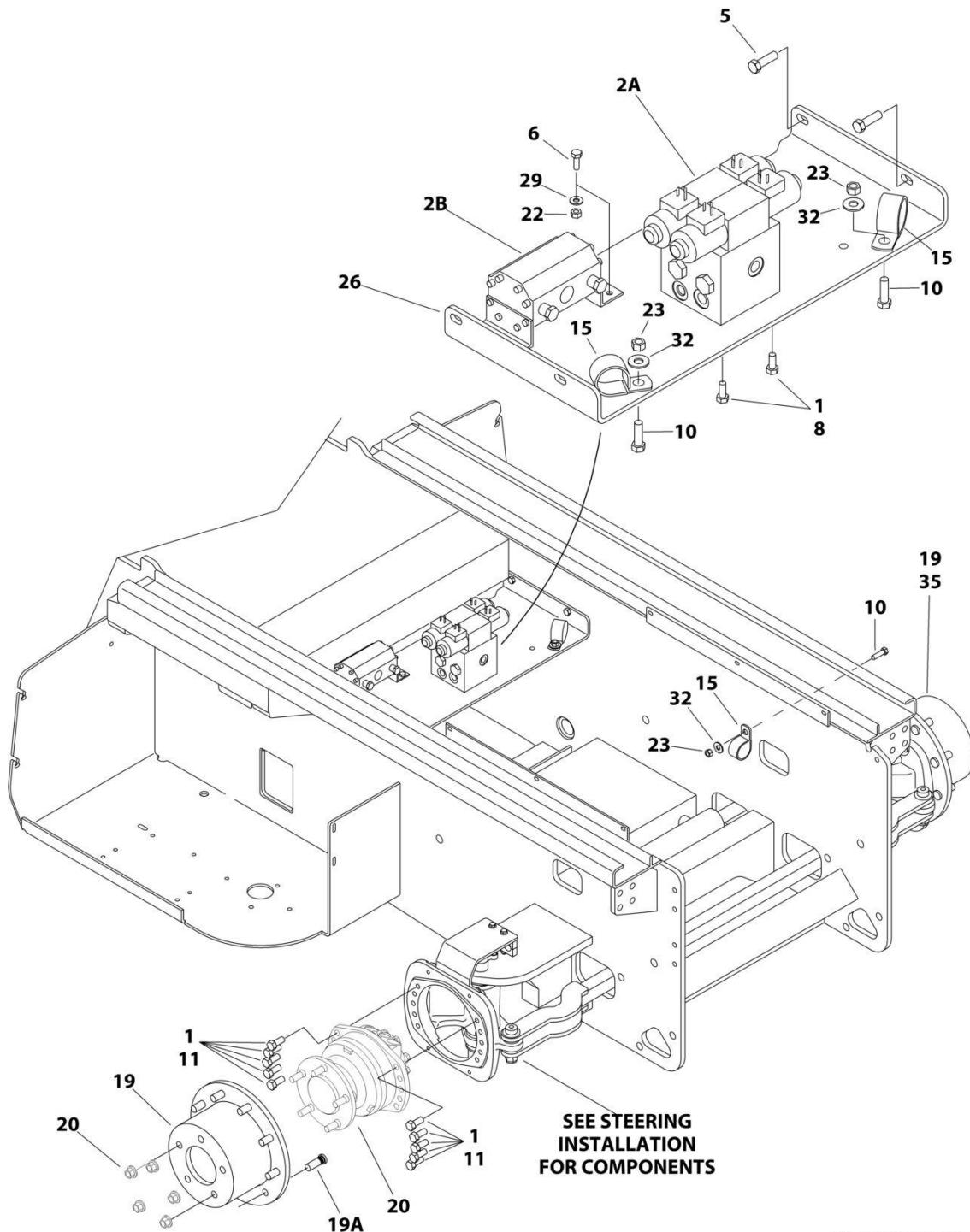
# SECTION 1 - FRAME

**FIGURE 1-7. STEERING INSTALLATION - 4WD**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165839	Ref	STEERING INSTALLATION - 4WD	
		Ref	For UK MOD Machines, refer to JLG Manual p/n 3121698.	D
1	0100011	1	Compound, Locking	
3	0440162	2	Bearing, Thrust	
4	0440247	1	Bearing	
7	0641418	4	Bolt 1/4 x 2-1/4	
9	0641607	2	Bolt 3/8 x 7/8	
12	0902704	2	Bracket	
13	0961951	4	Bushing	
14	0962140	3	Bearing	
16	1320292	1	Clamp	
17	1683994	1	Steer Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
21	3300240	4	Nut 5/8	
22	3311405	8	Nut 1/4	
24	3313003	2	Nut 1-1/4	
25	3450812	2	Pin, Cotter	
27	3841143	2	Keeper, Pin	
28	3900266	4	Capscrew 5/8 x 2-1/4	
29	4711400	12	Washer 1/4	
30	4712200	16	Washer 3/4	
31	4713000	2	Washer 1-1/4	
32	4751600	10	Washer 3/8	
33	4846301	1	Tie-Rod	
34	1001097815	2	Spindle	
37	1001165819	2	Pin	
38	0641606	4	Bolt 3/8 x 3/4	

## SECTION 1 - FRAME

FIGURE 1-8. STEERING AND FRONT DRIVE INSTALLATION - 4WD FRONT



ART\_1001165839\_2OF2

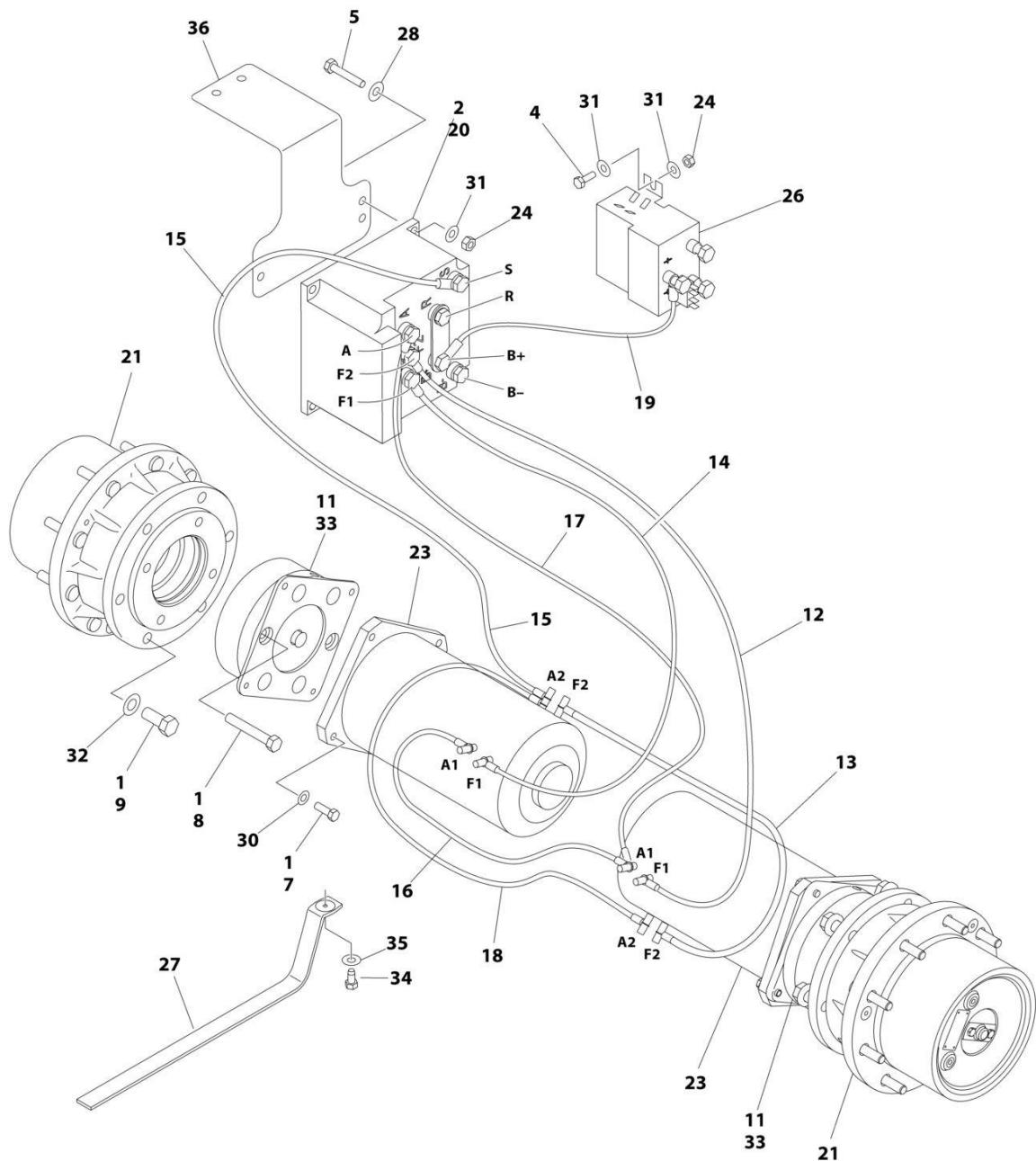
# SECTION 1 - FRAME

**FIGURE 1-8. STEERING AND FRONT DRIVE INSTALLATION - 4WD FRONT**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165839	Ref	STEERING AND FRONT DRIVE INSTALLATION - 4WD FRONT	
1	0100011	AR	Compound, Locking	E
2	0270991	NSS	Valves Installation (Not Shown) (See HYDRAULIC SECTION for Breakdown)	D
2A	1001092586	1	Drive Valve Assembly (See DRIVE VALVE ASSEMBLY - 4WD ONLY for Breakdown)	
2B	4641148	1	Flow Divider Valve Assembly (See FLOW DIVIDER VALVE ASSEMBLY - 4WD ONLY)	
5	0630549	4	Capscrew 3/8 x 1-1/4	
6	0641406	4	Bolt 1/4 x 3/4	
8	0641506	4	Bolt 5/16 x 3/4	
10	0641610	4	Bolt 3/8 x 1-1/4	
11	0681809	20	Bolt 1/2 x 1-1/8 Grade 8	
15	1320095	4	Clamp	
18	1704998	2	Decal - All Wheel Drive (Not Shown - Located on side of Platform)	
19	2780260	2	Drive Hub Assembly	
19A	4300145	18	Stud, Wheel (9 per Hub)	
20	3160245	NLA	Drive Motor Assembly (Use p/n 1001228233) (See DRIVE MOTOR ASSEMBLY - OPERATORS POSITION RH SIDE - 4WD FRONT for Breakdown) <b>(SN 0200230092 through 0200266243, SN M200000100 through M200023101)</b>	
20	1001228233	1	Drive Motor Assembly (See DRIVE MOTOR ASSEMBLY - OPERATORS POSITION RH SIDE - 4WD FRONT for Breakdown) <b>(SN M200023102 through M200039307)</b>	
22	3311405	4	Nut 1/4	
23	3311605	4	Nut 3/8	
26	3572850	1	Plate, Mounting	
29	4711400	12	Washer 1/4	
32	4751600	10	Washer 3/8	
35	1001101934	NLA	Drive Motor Assembly (Use p/n 1001228231) (See DRIVE MOTOR ASSEMBLY - OPERATORS POSITION LH SIDE - 4WD FRONT for Breakdown) <b>(SN 0200230092 through 0200266243, SN M200000100 through M200023101)</b>	
35	1001228231	1	Drive Motor Assembly (See DRIVE MOTOR ASSEMBLY - OPERATORS POSITION LH SIDE - 4WD FRONT for Breakdown) <b>(SN M200023102 through M200039307)</b>	
36	1001101989	1	Harness, 4WD (Not Shown - See ELECTRICAL SECTION for Breakdown)	

## **SECTION 1 - FRAME**

**FIGURE 1-9. WHEEL DRIVE AND CONTROLLER INSTALLATION - 2WD/4WD REAR**



ART\_1001099375

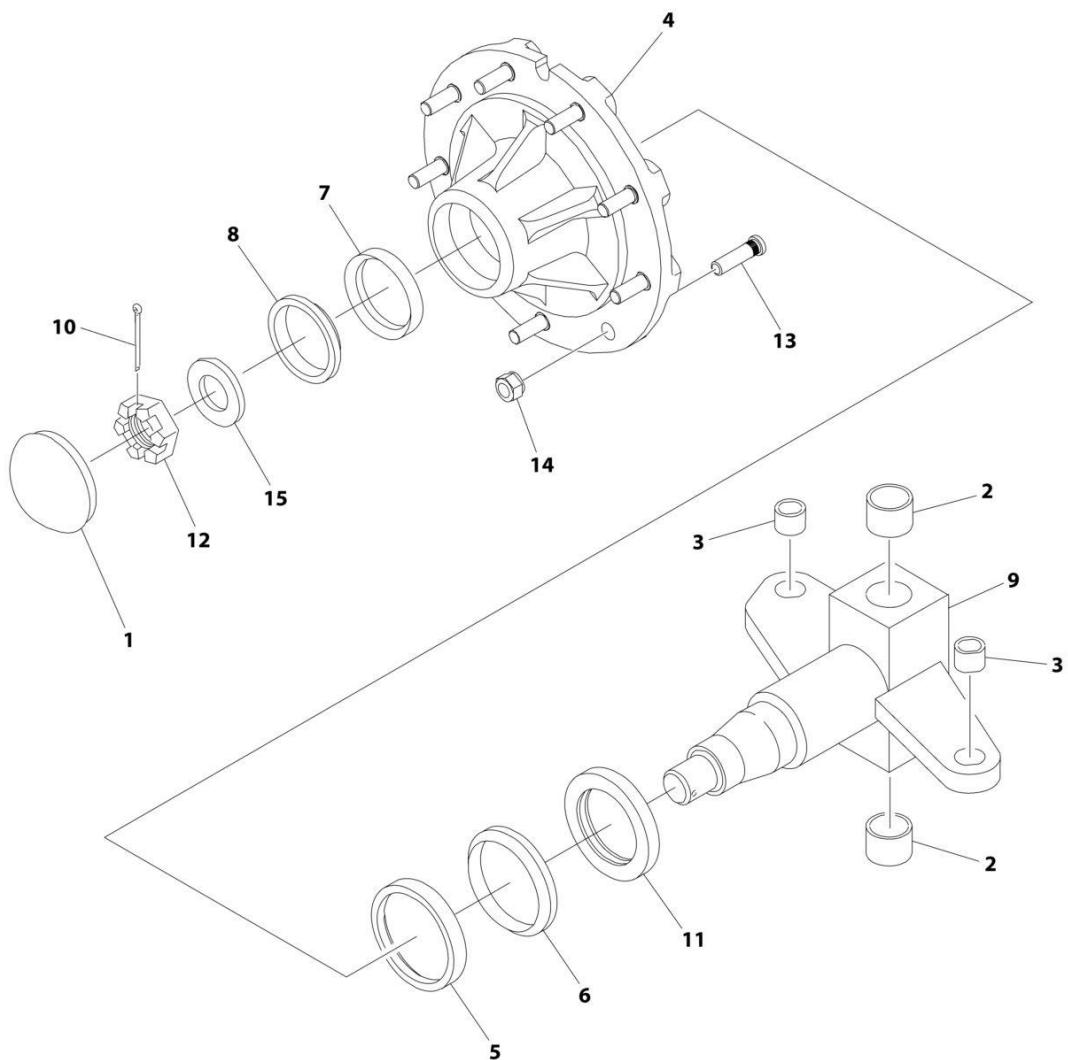
# SECTION 1 - FRAME

**FIGURE 1-9. WHEEL DRIVE AND CONTROLLER INSTALLATION - 2WD/4WD REAR**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001099375	Ref	WHEEL DRIVE AND CONTROLLER INSTALLATION - 2WD/4WD REAR	
1	0100019	AR	Compound, Locking	
2	0100083	AR	Grease, Heat Transfer	
4	0641406	2	Bolt 1/4 x 3/4	
5	0641412	4	Bolt 1/4 x 1-1/2	
7	0641609	8	Bolt 3/8 x 1-1/8	
8	0641826	4	Bolt 1/2 x 3-1/4	
9	0682012	12	Bolt 5/8 x 1-1/2 Grade 8	
11	0920118	1	Drive Brake Assembly (See Separate Breakdown in this Section)	
12	1060888	1	Cable, Electrical (Controller F2 to Right Motor F1)	
13	1060889	1	Cable, Electrical (RH Motor F2 to LH Motor F2)	
14	1060890	1	Cable, Electrical (Controller F1 to LH Motor F1)	
15	1060891	1	Cable, Electrical (Controller S to LH Motor A2)	
16	1060892	1	Cable, Electrical (RH Motor A1 to LH Motor A1)	
17	1060893	1	Cable, Electrical (Controller A to RH Motor A1)	
18	1060894	1	Cable, Electrical (LH Motor A2 to RH Motor A2)	
19	1060895	1	Cable, Electrical (Controller B+ to Contactor ++)	
20	1600421	1	Controller	
21	2780282	2	Drive Hub Assembly (See Separate Breakdown in this Section)	
23	3160256	2	Drive Motor Assembly - Rear (See Separate Breakdown in this Section)	
24	3311405	6	Nut 1/4	
26	3740135	1	Contactor	
27	4240084	1	Strap, Anti-Static	
28	4711400	4	Washer 1/4	
30	4711600	8	Washer 3/8	
31	4751400	8	Washer 1/4	
32	4892000	1	Washer 5/8	
33	3020037	AR	Lube, Coupling Grease	
34	3941606	1	Screw 3/8 x 3/4	
35	4751600	1	Washer 3/8	
36	0903273	1	Bracket	

## SECTION 1 - FRAME

FIGURE 1-10. HUB ASSEMBLY - 2WD FRONT



ART\_2780234

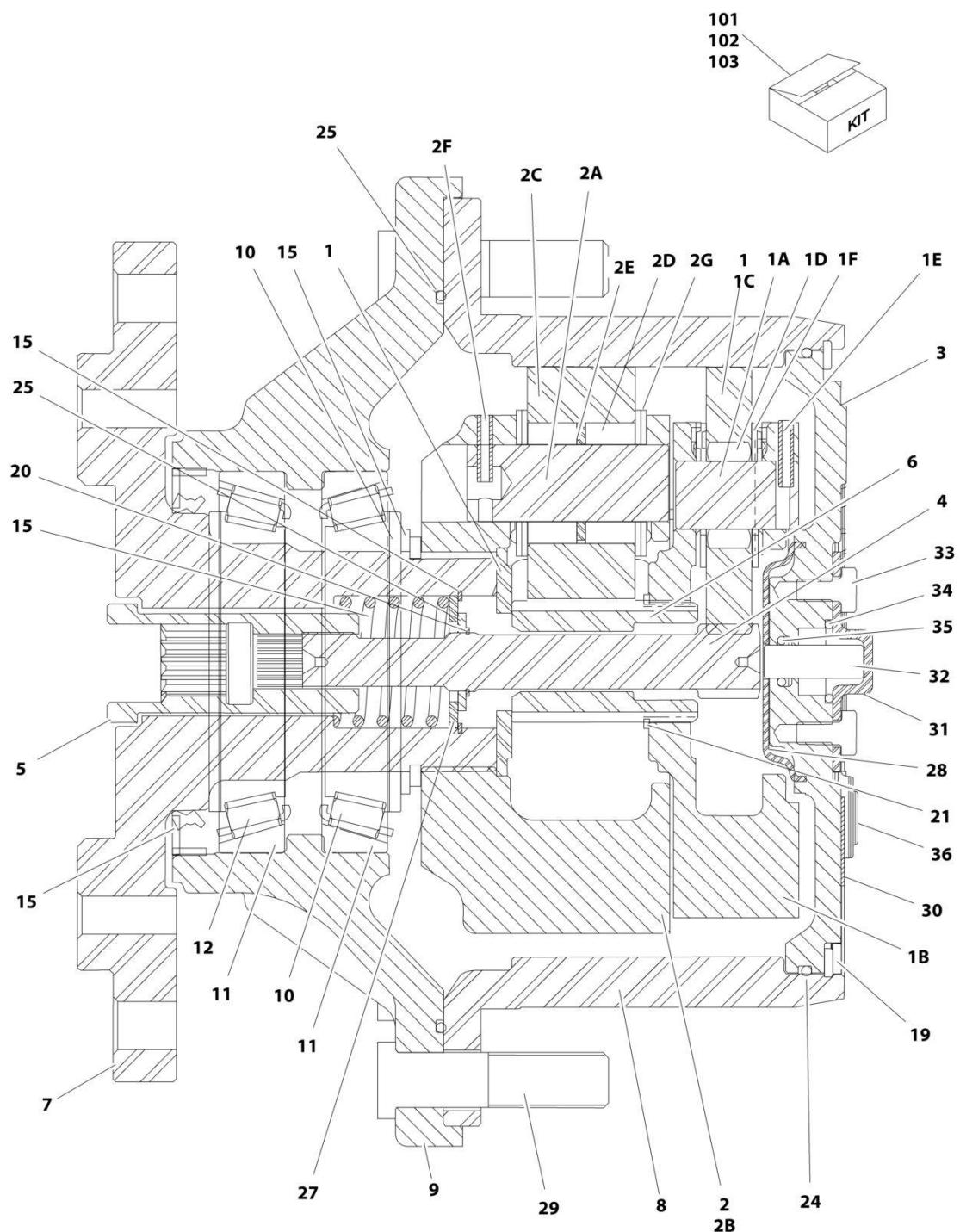
# SECTION 1 - FRAME

**FIGURE 1-10. HUB ASSEMBLY - 2WD FRONT**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2780234	Ref	HUB ASSEMBLY - 2WD FRONT	
1	7020033	1	Cap, Dust	
2	0961951	1	Bushing	
3	0962140	2	Bushing	
4	7020035	2	Hub	
5	7020036	1	Cup, Bearing - Inner	
6	7020037	1	Cone, Bearing - Inner	
7	7020038	1	Cup, Bearing - Outer	
8	7020039	1	Cone, Bearing - Outer	
9	7020148	1	Spindle	
10	7020140	1	Pin, Cotter	
11	7020040	1	Seal	
12	7020054	1	Nut 1-1/4	
13	7020041	9	Stud, Wheel 5/8-18	
14	7020042	1	Nut 5/8	
15	7020055	1	Washer, Tanged 1-1/4	

## SECTION 1 - FRAME

FIGURE 1-11. DRIVE HUB ASSEMBLY - 2WD/4WD REAR



ART\_2780282

# SECTION 1 - FRAME

**FIGURE 1-11. DRIVE HUB ASSEMBLY - 2WD/4WD REAR**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2780282	Ref	DRIVE HUB ASSEMBLY	
1	70001366	1	Carrier Sub Assembly	
1A	See Note	NSS	Shaft, Planet (Note: Use Item 1)	
1B	See Note	NSS	Carrier (Note: Use Item 1)	
1C	See Note	NSS	Gear, Planet (Note: Use Item 1)	
1D	See Note	NSS	Bearing, Needle (Note: Use Item 1)	
1E	See Note	NSS	Rollpin (Note: Use Item 1)	
1F	See Note	NSS	Thrustwasher (Note: Use Item 1)	
2	70001367	1	Carrier, Input	
2A	See Note	NSS	Shaft, Planet (Note: Use Item 2)	
2B	See Note	NSS	Carrier (Note: Use Item 2)	
2C	See Note	NSS	Gear, Planet (Note: Use Item 2)	
2D	See Note	NSS	Bearing, Needle (Note: Use Item 2)	
2E	See Note	NSS	Spacer, Thrust (Note: Use Item 2)	
2F	See Note	NSS	Rollpin (Note: Use Item 2)	
2G	See Note	NSS	Thrustwasher (Note: Use Item 2)	
2H	See Note	NSS	Thrustwasher (Note: Use Item 2)	
3	See Note	NSS	Cover (Note: Use Item 103)	
4	70001369	1	Shaft, Input	
5	70001370	1	Coupling	
6	70001371	1	Shaft, Sun Gear	
7	70001372	1	Spindle	
8	70001373	1	Gear, Ring	
9	See Note	NSS	Housing (Note: Not Available - Purchase Complete Assembly)	
10	See Note	NSS	Cone, Bearing (Note: Use Item 101)	
11	See Note	NSS	Cup, Bearing (Note: Use Item 101)	
12	See Note	NSS	Cone, Bearing (Note: Use Item 101)	
13	7017009	1	Thrustwasher	
15	See Note	NSS	Seal, Lip (Note: Use Item 102)	
16	70001374	1	Spring	
17	70001375	1	Ring, Retaining (Internal)	
18	See Note	NSS	Ring, Retaining (Note: Use Item 102)	
19	7024738	1	Ring, Retaining (Note: Use Item 102)	
20	70001376	1	Ring, Retaining (External)	
21	70001377	1	Ring, Retaining (External)	
22	7000281	4	Screw (Not Shown - ID Plate Screws)	
23	7017022	3	Screw (Not Shown - Located on Front of Hub)	
24	See Note	NSS	O-Ring (Note: Use Item 102)	
25	See Note	NSS	O-Ring (Note: Use Item 102)	
26	70001378	1	Spacer, Thrust	
27	70001379	1	Thrustwasher	
28	7024741	1	Spacer, Thrust	
29	7007640	9	Stud, Wheel	
30	See Note	NSS	Flange, Plate (Note: Use Item 103)	
31	See Note	NSS	Cap, Disengage (Note: Use Item 103)	
32	See Note	NSS	Pin, Dowel (Note: Use Item 103)	
33	See Note	NSS	Bolt (Note: Use Item 103)	
34	See Note	NSS	O-Ring (Note: Use Item 103)	
35	See Note	NSS	O-Ring (Note: Use Item 103)	
36	See Note	NSS	O-Ring (Note: Use Item 103)	

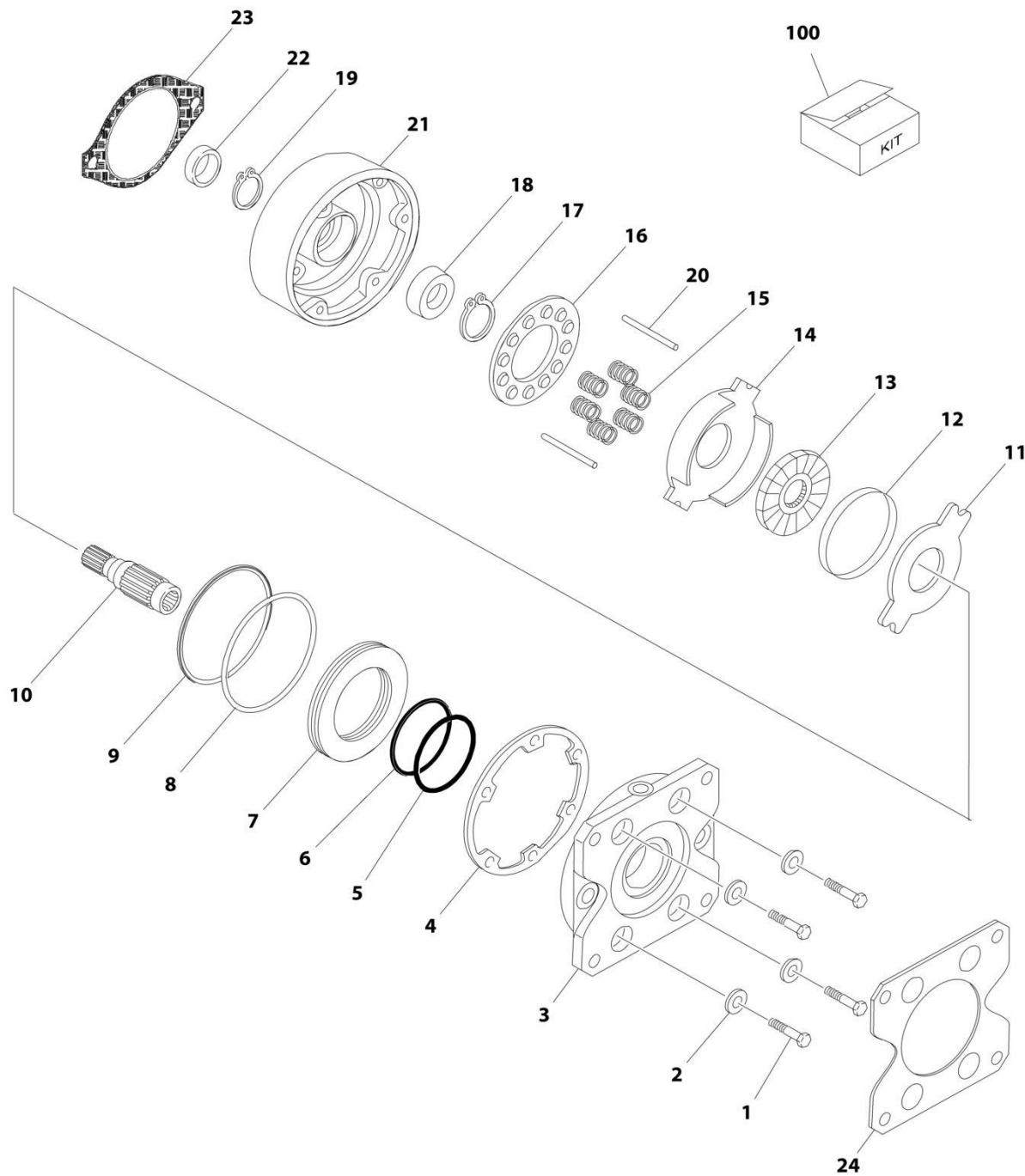
## **SECTION 1 - FRAME**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	7017007	1	Planet Gear Bearing Kit (Includes Items 10-12)	
102	70001380	1	Planet Gear Seal Kit (Includes Items 15, 18, 24 & 25)	
103	70001368	1	Cover/Cap/Disengage Kit (Includes Items 3 & 30-36)	



## SECTION 1 - FRAME

FIGURE 1-12. DRIVE BRAKE ASSEMBLY - 2WD/4WD REAR



ART\_0920118

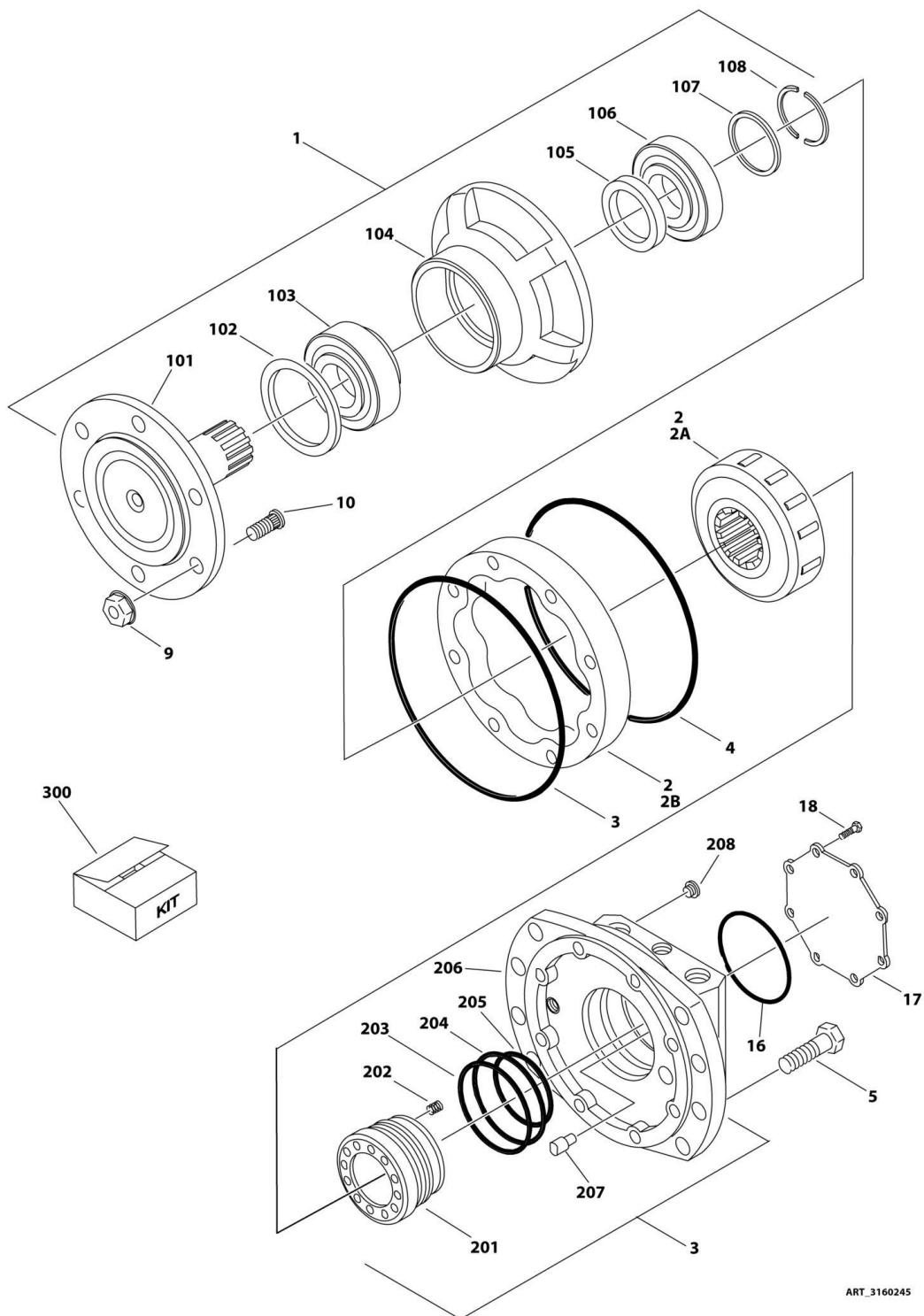
# SECTION 1 - FRAME

**FIGURE 1-12. DRIVE BRAKE ASSEMBLY - 2WD/4WD REAR**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0920118	Ref	DRIVE BRAKE ASSEMBLY - 2WD/4WD REAR	
1	7007913	4	Bolt	C
2	See Note	NSS	Washer (Note: Not Available at Time of Printing)	
3	See Note	NSS	Plate, Pressure (Note: Use p/n 0920118)	
4	See Note	NSS	Seal, Case (Note: Use Item 100)	
5	See Note	NSS	O-Ring (Note: Use Item 100)	
6	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
7	See Note	NSS	Piston (Note: Use p/n 0920118)	
8	See Note	NSS	O-Ring (Note: Use Item 100)	
9	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
10	See Note	NSS	Shaft (Note: Use p/n 0920118)	
11	See Note	NSS	Stator (Note: Use Item 100)	
12	See Note	NSS	Ring, Sensor (Note: Use p/n 0920118)	
13	See Note	NSS	Rotor (Note: Use Item 100)	
14	See Note	NSS	Plate, Return (Note: Use Item 100)	
15	See Note	AR	Spring (Note: Use Item 100)	
16	See Note	NSS	Guide, Spring (Note: Use Item 100)	
17	7007977	1	Ring, Retaining	
18	2900768	1	Bearing Kit (Part of Repair Kit)	
19	7011716	1	Ring, Retaining	
20	7007987	2	Pin, Dowel	
21	See Note	NSS	Cover (Note: Use p/n 0920118)	
22	7007900	1	Seal, Oil - Front (Part of Repair Kit)	
23	7007933	1	Gasket, Brake to Hub (Part of Repair Kit)	
24	70002408	1	Gasket, Brake to Motor (Note: Not part of Repair Kit - Must be Purchased Separately)	
100	7011757	1	Repair Kit (Includes Items 4, 5, 6, 8, 9, 11, 13, 14, 15, 16, 18, 22 & 23)	

## SECTION 1 - FRAME

FIGURE 1-13. DRIVE MOTOR ASSEMBLY - OPERATORS POSITION RH SIDE - 4WD FRONT (SN 0200230092 through 0200266243, SN M200000100 through M200023101)



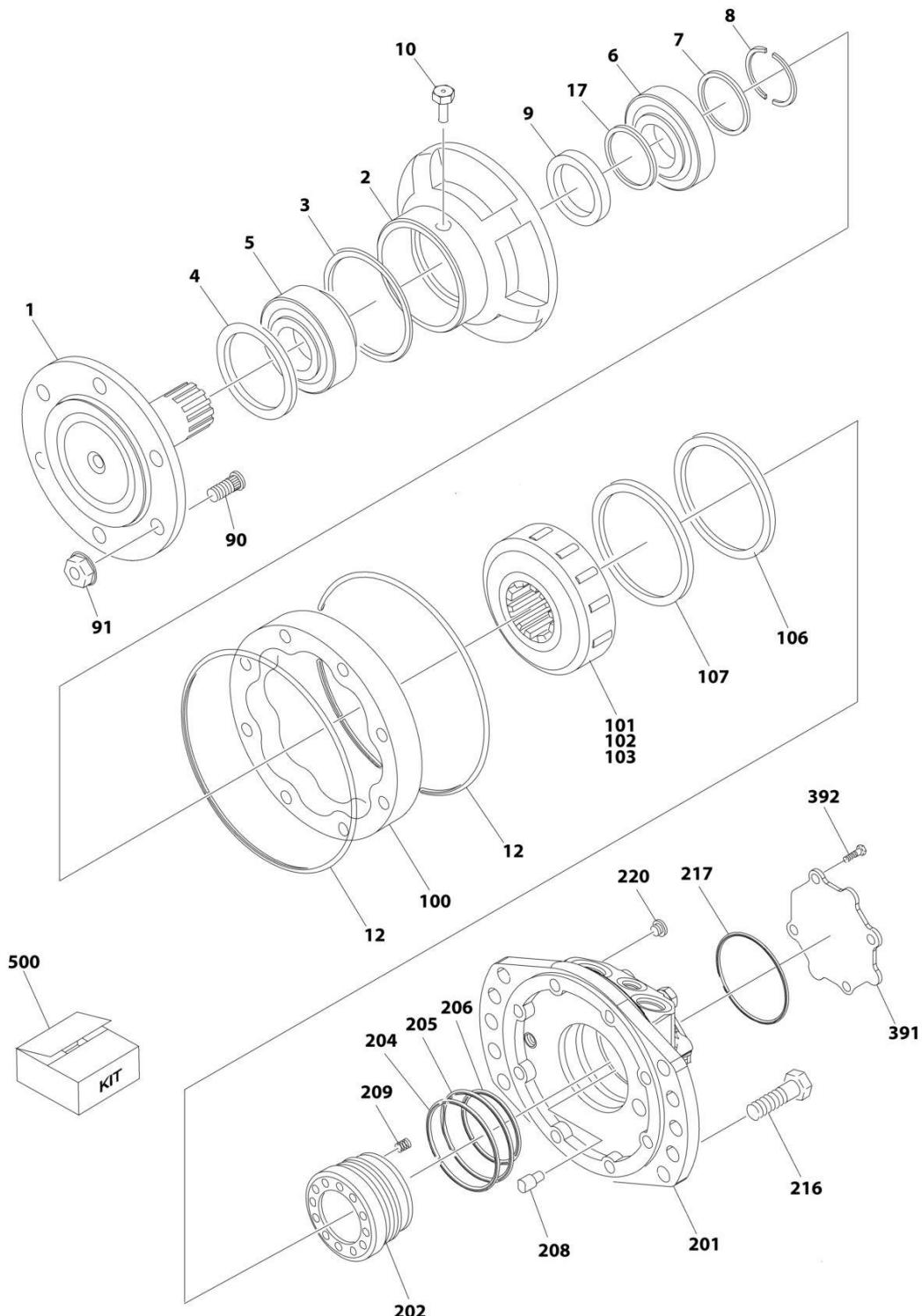
## SECTION 1 - FRAME

**FIGURE 1-13. DRIVE MOTOR ASSEMBLY - OPERATORS POSITION RH SIDE - 4WD FRONT (SN 0200230092 through 0200266243, SN M200000100 through M200023101)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3160245	Ref	DRIVE MOTOR ASSEMBLY - OPERATORS POSITION RH SIDE - 4WD FRONT	F
1	See Note	1	Front Housing Assembly (Note: Assembly Not Available for Purchase - See Items 101-108 for Serviceable Components)	
2	See Note	1	Rotary Assembly (Note: Not Available - Purchase Complete Motor)	
2A	See Note	1	Rotary without Cam (Note: Not Available - Purchase Complete Motor)	
2B	See Note	1	Cam (Note: Not Available - Purchase Complete Motor)	
3	See Note	1	Rear Housing Assembly (Note: Assembly Not Available for Purchase - See Items 201-208 for Serviced Components)	
4	See Note	NSS	Seal, Square (Note: Use Item 300)	
5	See Note	6	Capscrew (Note: Note Available - Purchase Locally)	
9	7023806	5	Lugnut	
10	7023807	5	Stud, Wheel	
16	7024008	1	Seal, Square	
17	7024007	1	Plate, Rear Cover	
18	7024009	8	Capscrew	
	NPN	Ref	FRONT HOUSING ASSEMBLY	
101	7022586	1	Shaft	
102	See Note	NSS	Seal, Face (Note: Use Item 300)	
103	7022587	1	Bearing, Front	
104	See Note	1	Casting, Front (Note: Not Available - Purchase Complete Motor)	
105	See Note	NSS	Seal, Shaft (Note: Use Item 300)	
106	7022588	1	Bearing, Rear	
107	See Note	AR	Washer (Note: Factory Set - Not Available for Purchase)	
108	7022589	1	Ring, Split	
	NPN	Ref	REAR HOUSING ASSEMBLY	
201	See Note	1	Ring, Distribution (Note: Not Available - Purchase Complete Motor)	
202	See Note	9	Spring (Note: Not Available - Purchase Complete Motor)	
203	See Note	NSS	Seal, Nylon (Note: Use Item 300)	
204	See Note	NSS	Seal, Nylon (Note: Use Item 300)	
205	See Note	NSS	Seal, Nylon (Note: Use Item 300)	
206	See Note	1	Housing, Rear (Note: Not Available - Purchase Complete Motor)	
207	7022590	1	Pin, Stop	
208	7022591	1	Plug with O-Ring	
300	7023801	1	Seal Kit (Includes Items 4, 102, 105 & 203-205)	

## SECTION 1 - FRAME

FIGURE 1-14. DRIVE MOTOR ASSEMBLY - OPERATORS POSITION RH SIDE - 4WD FRONT (SN M200023102 through M200039307)



ART\_1001228233

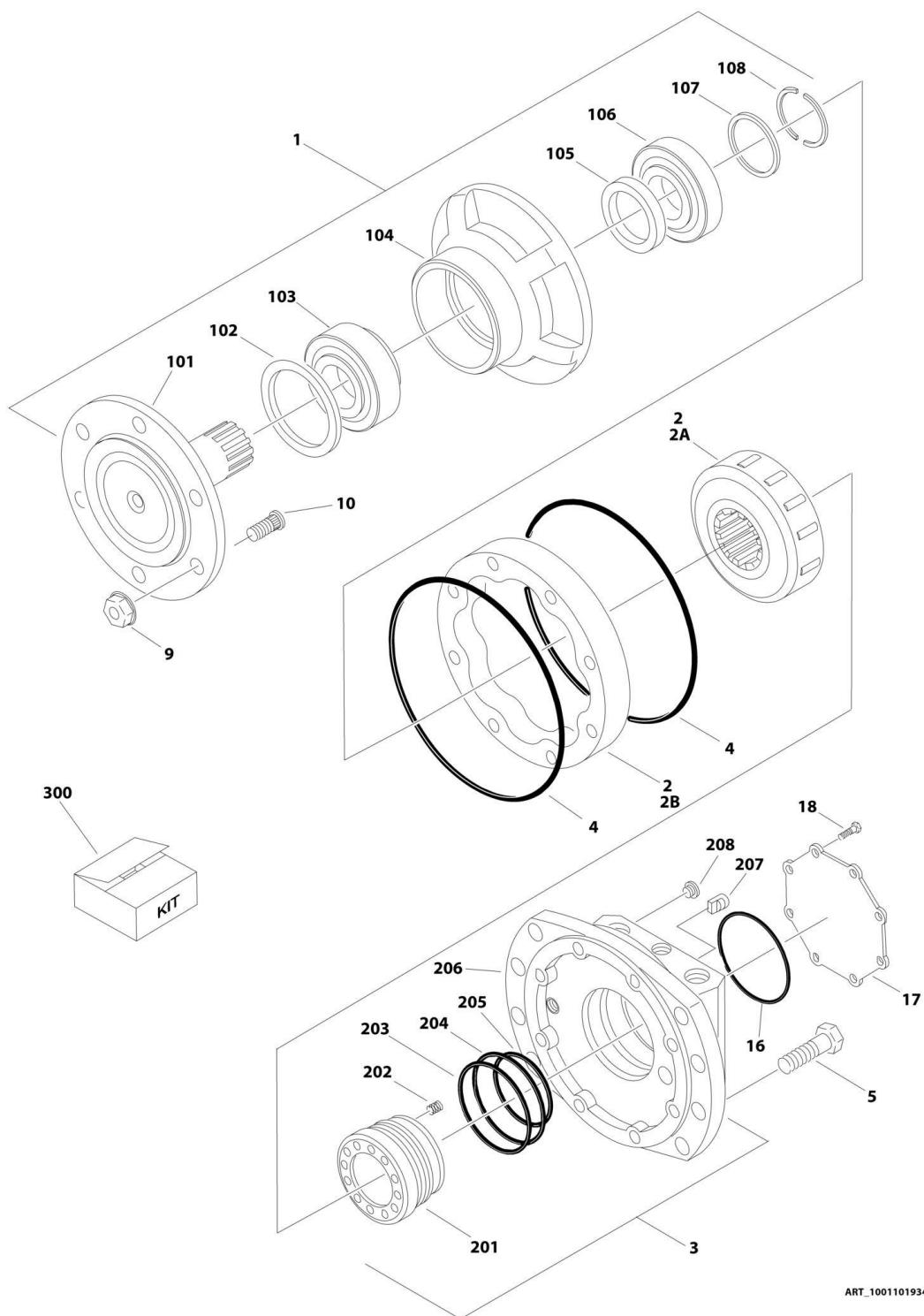
## SECTION 1 - FRAME

**FIGURE 1-14. DRIVE MOTOR ASSEMBLY - OPERATORS POSITION RH SIDE - 4WD FRONT (SN M200023102through M200039307)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228233	Ref	DRIVE MOTOR ASSEMBLY	
1	70006744	1	Shaft	
2	See Note	1	Casting, Front (Note: Purchase Complete Motor)	
3	See Note	NSS	Seal, Face (Note: Use Item 500)	
4	70006745	1	Spacer	
5	70006746	1	Bearing, Front	
6	7022588	1	Bearing, Rear	
7	70006747	1	Washer	
8	7022589	1	Ring, Split	
9	See Note	NSS	Seal, Shaft (Note: Use Item 500)	
10	70006748	1	Plug, Zero-Leak	
12	See Note	NSS	Seal, Square (Note: Use Item 500)	
17	70006749	1	Retainer, Seal	
90	7023807	5	Stud, Wheel	
91	7023806	5	Lugnut	
100	70006750	1	CAM	
101	70006763	1	Block, Cylinder	
102	70006752	8	Piston	
103	70006753	8	Roller	
106	70006756	2	Circlip	
107	70006757	2	Ring, Retaining	
201	See Note	1	Housing, Rear (Note: Purchase Complete Motor)	
202	70006764	1	Ring, Distribution	
204	See Note	NSS	Seal, Nylon (Note: Use Item 500)	
205	See Note	NSS	Seal, Nylon (Note: Use Item 500)	
206	See Note	NSS	Seal, Nylon (Note: Use Item 500)	
208	70006759	1	Pin, Stop	
209	7023872	9	Spring	
216	70001091	6	Capscrew	
217	See Note	NSS	Seal, Square (Note: Use Item 500)	
220	70002759	1	Plug	
391	See Note	NSS	Plate, Rear Cover	
392	70002264	4	Capscrew	
500	70006765	1	Seal Kit (Includes Items 3, 9, 12, 204-206 & 217)	

## SECTION 1 - FRAME

**FIGURE 1-15. DRIVE MOTOR ASSEMBLY - OPERATORS POSITION LH SIDE - 4WD FRONT (SN 0200230092 through 0200266243, SN M200000100 through M200023101)**



ART\_1001101934

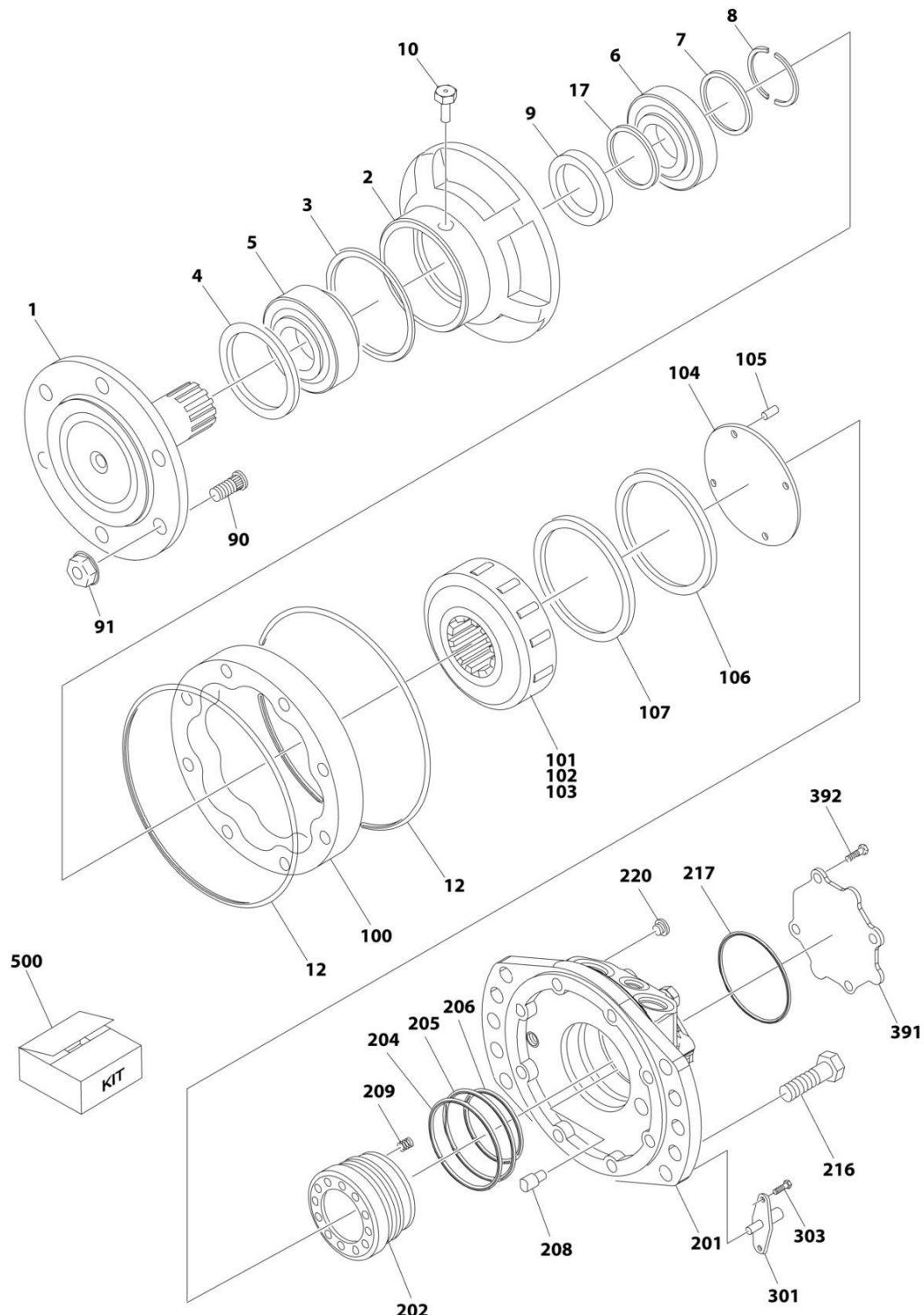
## SECTION 1 - FRAME

**FIGURE 1-15. DRIVE MOTOR ASSEMBLY - OPERATORS POSITION LH SIDE - 4WD FRONT (SN 0200230092 through 0200266243, SN M200000100 through M200023101)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001101934	Ref	DRIVE MOTOR ASSEMBLY - OPERATORS POSITION LH SIDE - 4WD FRONT	
1	7024963	1	Front Housing Assembly (See Items 101-108 for Serviceable Components)	
2	70002261	1	Rotary Assembly	
2A	See Note	1	Rotary without Cam (Note: Not Available - Purchase Complete Assembly)	
2B	70002262	1	Cam	
3	70002263	1	Rear Housing Assembly (See Items 201-208 for Serviced Components)	
4	See Note	NSS	Seal, Square (Note: Use Item 300)	
5	70001091	6	Capscrew	
9	7023806	5	Lugnut	
10	7023807	5	Stud, Wheel	
16	7024008	1	Seal, Square	
17	7024007	1	Plate, Rear Cover	
18	70002264	8	Capscrew	
19	70002265	1	Sensor, Speed (Not Shown)	
	7024963	Ref	FRONT HOUSING ASSEMBLY	
101	7022586	1	Shaft	
102	See Note	NSS	Seal, Face (Note: Use Item 300)	
103	7022587	1	Bearing, Front	
104	See Note	NSS	Casting, Front (Note: Use p/n 7024963)	
105	See Note	NSS	Seal, Shaft (Note: Use Item 300)	
106	7022588	1	Bearing, Rear	
107	See Note	1	Washer (Note: Factory Set - Not Available for Purchase)	
108	7022589	1	Ring, Split	
	70002263	Ref	REAR HOUSING ASSEMBLY	
201	70002267	1	Ring, Distribution	
202	7023872	9	Spring	
203	See Note	NSS	Seal, Nylon (Note: Use Item 300)	
204	See Note	NSS	Seal, Nylon (Note: Use Item 300)	
205	See Note	NSS	Seal, Nylon (Note: Use Item 300)	
206	See Note	NSS	Housing, Rear (Note: Use p/n 70002263)	
207	70002268	1	Pin, Stop	
208	2220890	1	Plug with O-Ring	
300	70002269	1	Seal Kit (Includes Items 4, 102, 105 & 203-205)	

## SECTION 1 - FRAME

FIGURE 1-16. DRIVE MOTOR ASSEMBLY - OPERATORS POSITION LH SIDE - 4WD FRONT (SN M200023102 through M200039307)



ART\_1001228231

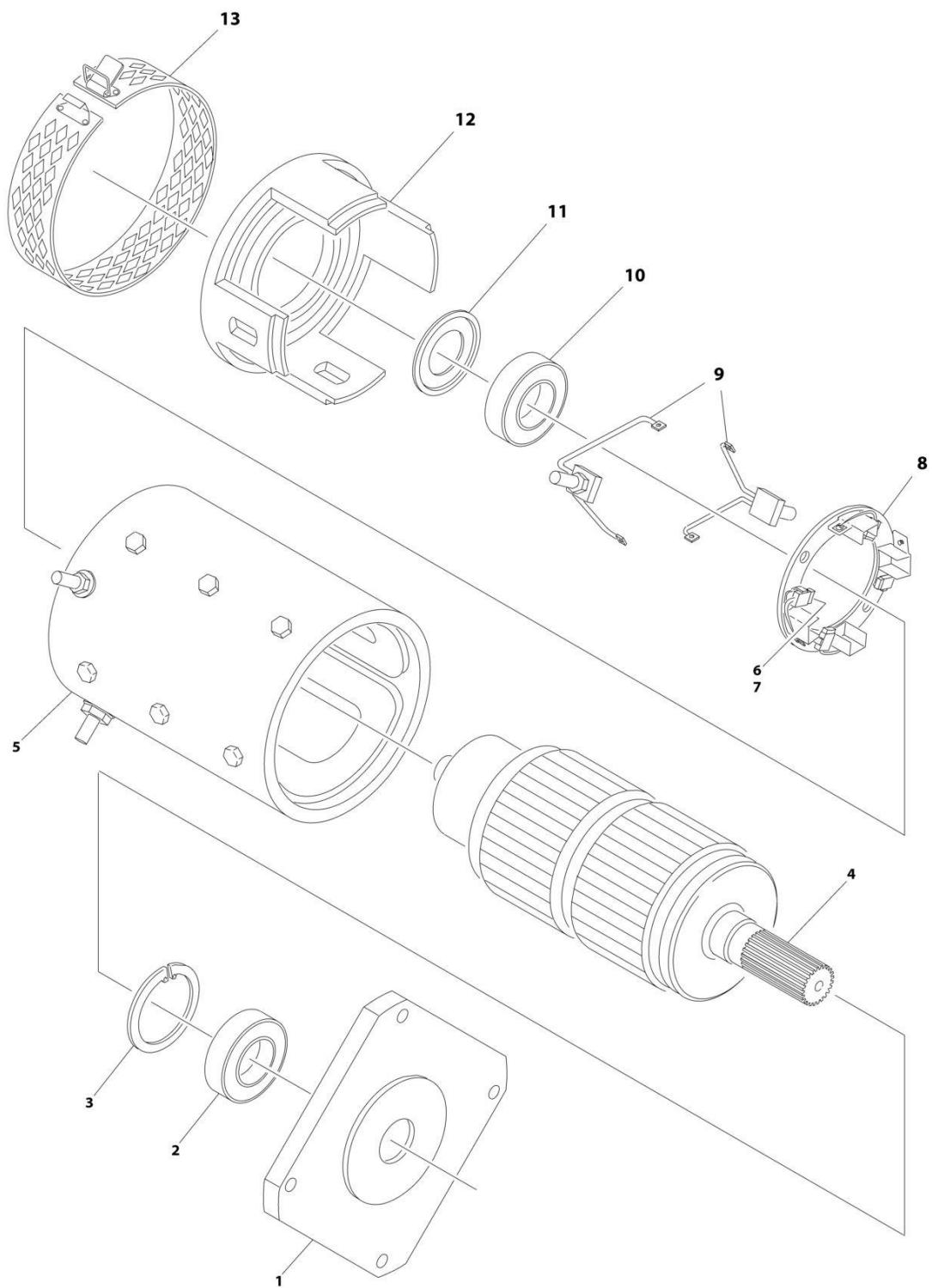
## SECTION 1 - FRAME

**FIGURE 1-16. DRIVE MOTOR ASSEMBLY - OPERATORS POSITION LH SIDE - 4WD FRONT (SN M200023102 through M200039307)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228231	Ref	DRIVE MOTOR ASSEMBLY	
1	70006744	1	Shaft	
2	See Note	1	Casting, Front (Note: Purchase Complete Motor)	
3	See Note	NSS	Seal, Face (Note: Use Item 500)	
4	70006745	1	Spacer	
5	70006746	1	Bearing, Front	
6	7022588	1	Bearing, Rear	
7	70006747	1	Washer	
8	7022589	1	Ring, Split	
9	See Note	NSS	Seal, Shaft (Note: Use Item 500)	
10	70006748	1	Plug, Zero-Leak	
12	See Note	NSS	Seal, Square (Note: Use Item 500)	
17	70006749	1	Retainer, Seal	
90	7023807	5	Stud, Wheel	
91	7023806	5	Lugnut	
100	70006750	1	CAM	
101	70006763	1	Block, Cylinder	
102	70006752	8	Piston	
103	70006753	8	Roller	
104	70006754	1	Disc	
105	70006755	4	Rollpin	
106	70006756	2	Circlip	
107	70006757	2	Ring, Retaining	
201	See Note	1	Housing, Rear (Note: Purchase Complete Motor)	
202	70006764	1	Ring, Distribution	
204	See Note	NSS	Seal, Nylon (Note: Use Item 500)	
205	See Note	NSS	Seal, Nylon (Note: Use Item 500)	
206	See Note	NSS	Seal, Nylon (Note: Use Item 500)	
208	70006759	1	Pin, Stop	
209	7023872	9	Spring	
216	70001091	6	Capscrew	
217	See Note	NSS	Seal, Square (Note: Use Item 500)	
220	70002759	1	Plug	
301	70006760	1	Sensor, Speed	
303	70006761	2	Capscrew	
391	See Note	NSS	Plate, Rear Cover	
392	70002264	4	Capscrew	
500	70006765	1	Seal Kit (Includes Items 3, 9, 12, 204-206 & 217)	

## SECTION 1 - FRAME

FIGURE 1-17. DRIVE MOTOR ASSEMBLY - 2WD/4WD REAR



ART\_3160256

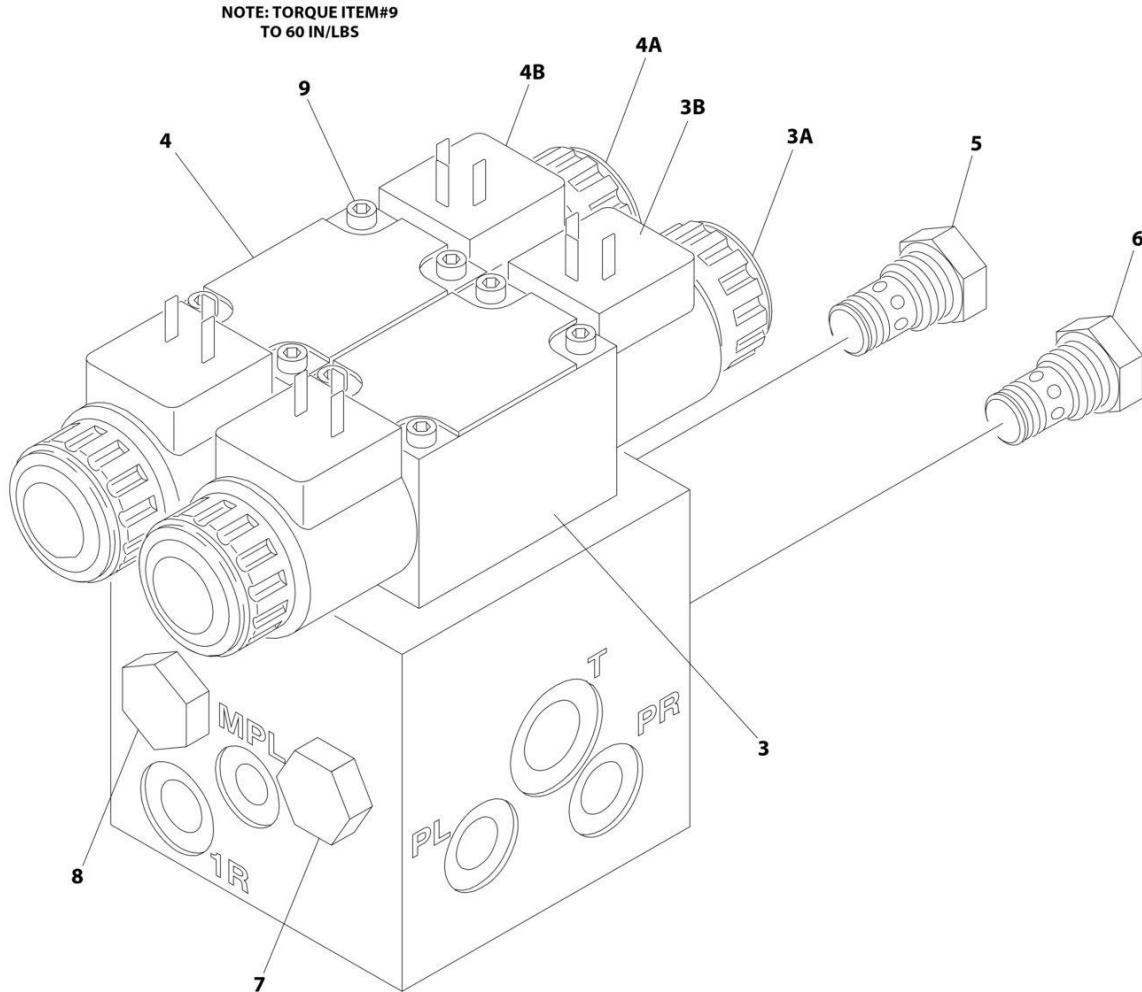
## SECTION 1 - FRAME

**FIGURE 1-17. DRIVE MOTOR ASSEMBLY - 2WD/4WD REAR**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	3160256	Ref	DRIVE MOTOR ASSEMBLY - 2WD/4WD REAR	
1	7020184	1	Plate, End	D
2	7012545	1	Bearing	
3	7020185	1	Ring, Retaining	
4	7023343	1	Armature	
5	See Note	NSS	Frame/Field Assembly (Note: Not Available - Purchase Complete Motor)	
6	7012548	4	Spring, Brush	
7	7012547	4	Brush	
8	7023344	1	Holder, Brush	
9	7023229	2	Brush Lead Assembly Kit	
10	7012545	1	Bearing	
11	7012549	1	Washer, Wavy	
12	7020189	1	End, Commutator	
13	7019609	1	Headband Assembly	

## SECTION 1 - FRAME

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



ART\_1001092586

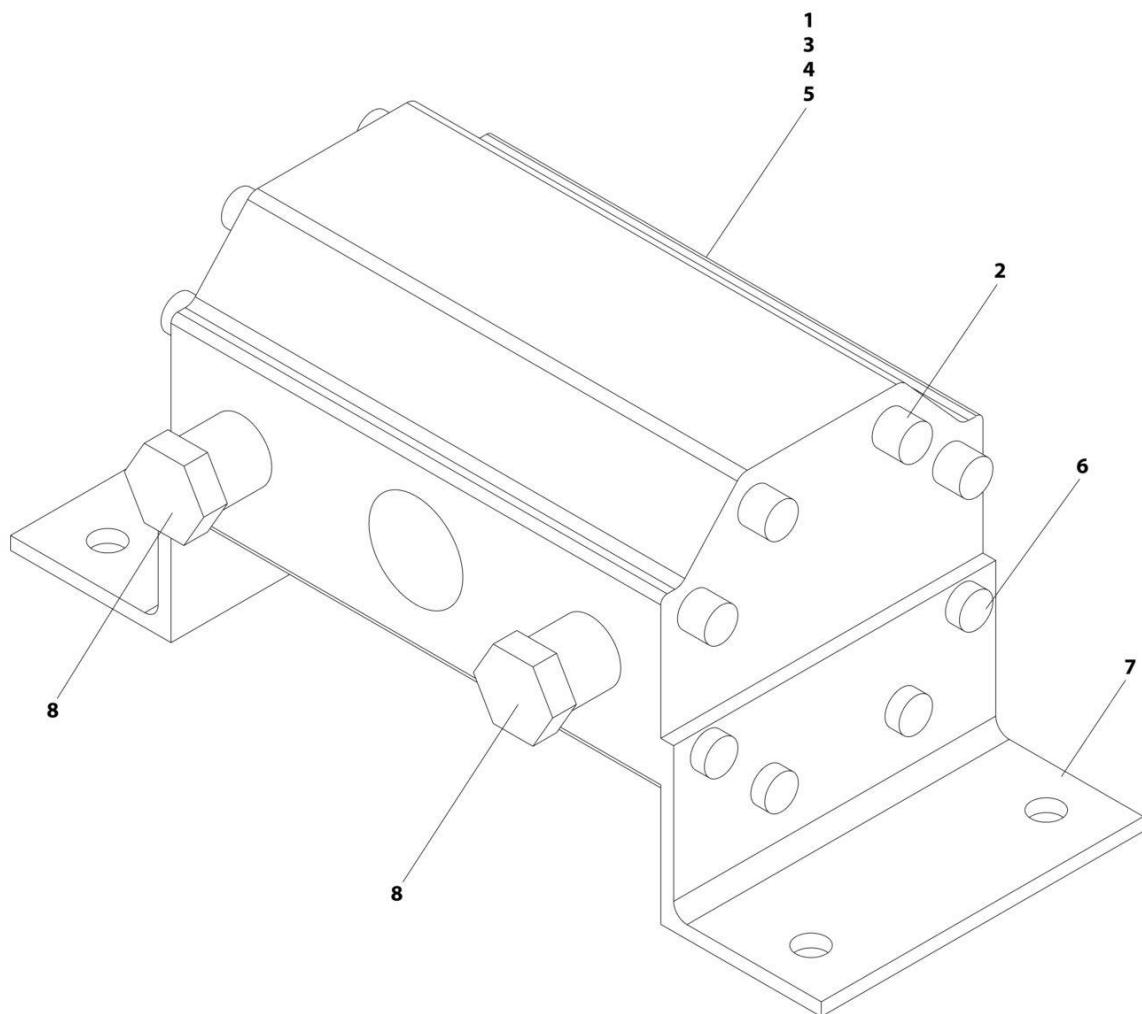
## SECTION 1 - FRAME

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

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

## SECTION 1 - FRAME

FIGURE 1-19. FLOW DIVIDER VALVE ASSEMBLY - 4WD ONLY



ART\_4641148

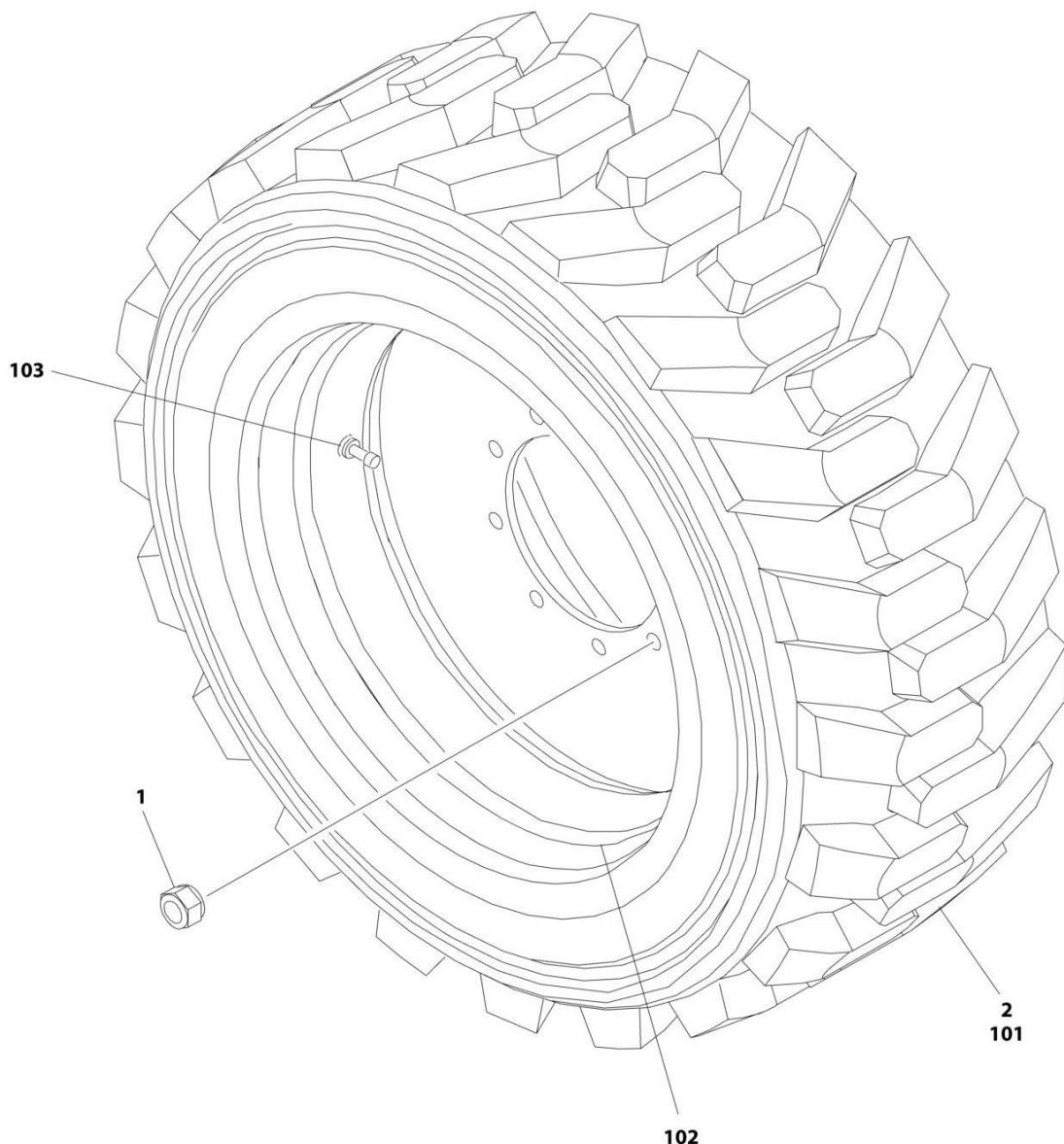
## SECTION 1 - FRAME

FIGURE 1-19. FLOW DIVIDER VALVE ASSEMBLY - 4WD ONLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	4641148	Ref	FLOW DIVIDER VALVE ASSEMBLY - 4WD ONLY	C
2	7010921	AR	Seal	
3	7010928	8	Screw 1/4 x 2	
4	7010911	AR	Pin, Shear	
5	7010920	AR	Plate, Seal	
6	7010919	AR	Plate, Wear	
6	See Note	NSS	Screw 1/4 x 2-1/8 (Note: Not Available - Purchase Locally)	
7	See Note	NSS	Bracket (Note: Not Available for Purchase)	
8	See Note	NSS	Valve, Relief (Note: Not Available for Purchase)	

## SECTION 1 - FRAME

FIGURE 1-20. TIRE AND WHEEL INSTALLATION - IN240/55 X 17.5 FOAM-FILLED



ART\_0270570

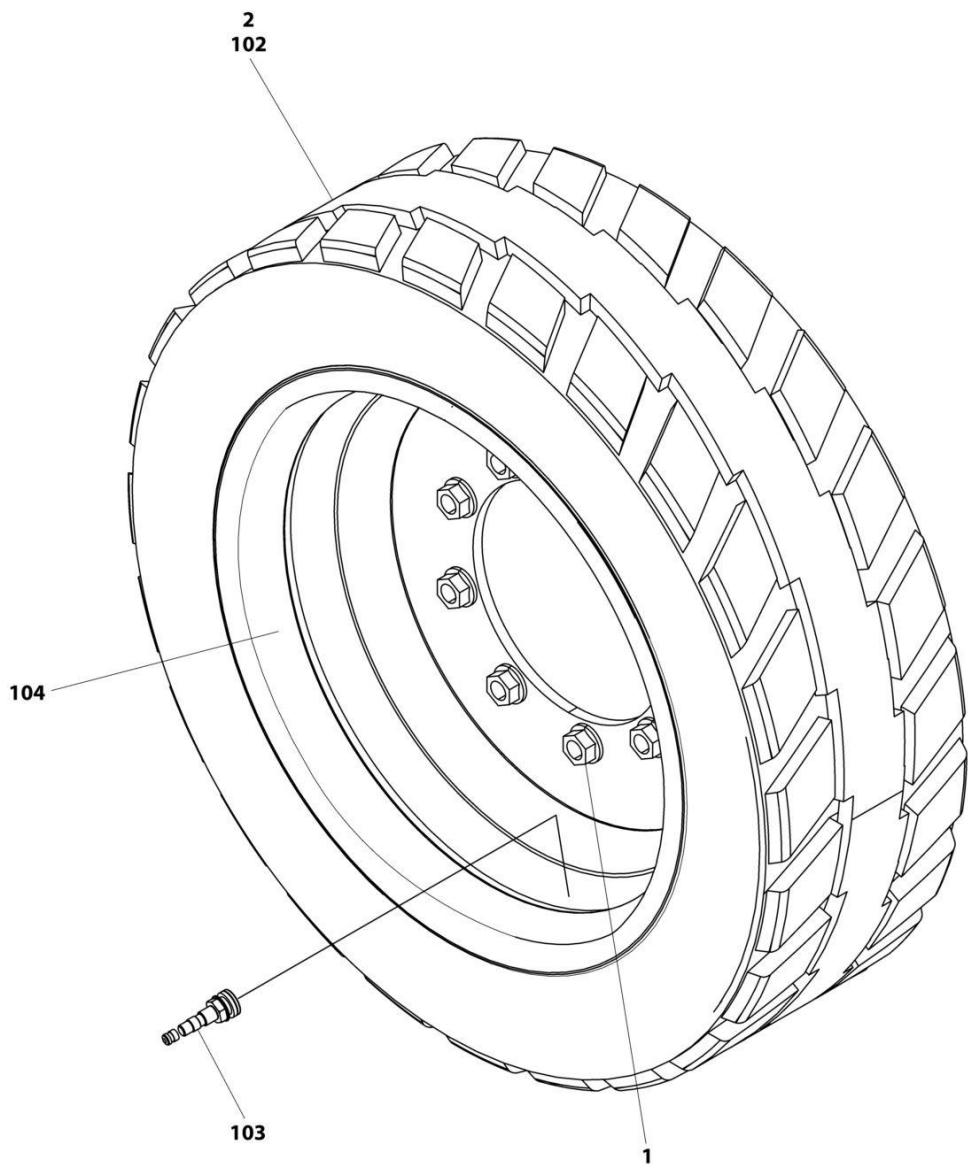
## SECTION 1 - FRAME

**FIGURE 1-20. TIRE AND WHEEL INSTALLATION - IN240/55 X 17.5 FOAM-FILLED**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270570	Ref	TIRE AND WHEEL INSTALLATION - IN240/55 X 17.5 FOAM-FILLED	
1	3300426	36	Lugnut	C
2	0258997	4	Tire and Wheel Assembly - IN240/55 x 17.5 Foam-Filled	F
101	4520209	1	Tire IN240/55 x 17.5	
102	4860191	1	Rim, Wheel	
103	4641122	1	Valve	
		Ref	Note: Assemblies require ballast/foam filling to manufacturer's specification prior to installing on a machine. Refer to Operation and Safety or Service and Maintenance Manuals. Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly.	

## SECTION 1 - FRAME

FIGURE 1-21. TIRE AND WHEEL INSTALLATION - IN240/55 X 17.5 NON-MARKING FOAM FILLED



ART\_0273477

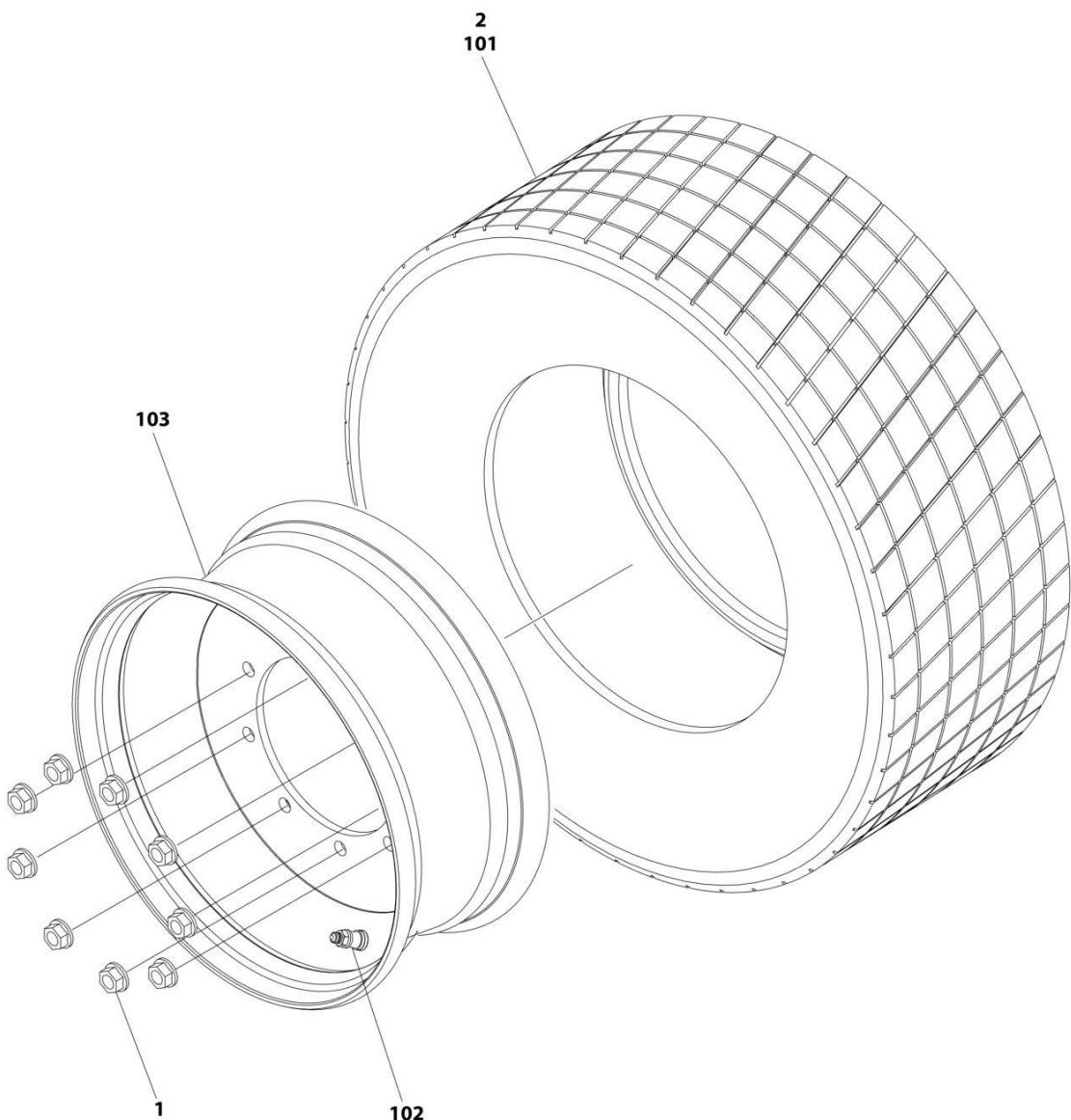
## SECTION 1 - FRAME

**FIGURE 1-21. TIRE AND WHEEL INSTALLATION - IN240/55 X 17.5 NON-MARKING FOAM FILLED**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0273477	Ref	TIRE AND WHEEL INSTALLATION - IN240/55 X 17.5 NON-MARKING FOAM FILLED	B
1	3300426	36	Lugnut	
2	0273468	4	Tire and Wheel Assembly - IN240/55 x 17.5 Non-Marking Foam-Filled	H
102	4520269	1	Tire IN240/55 x 17.5 Non-Marking	
103	4641122	1	Valve	
104	4860191	1	Rim, Wheel	
		Ref	Note: Assemblies require ballast/foam filling to manufacturer's specification prior to installing on a machine. Refer to Operation and Safety or Service and Maintenance Manuals. Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly.	

## SECTION 1 - FRAME

FIGURE 1-22. TIRE AND WHEEL INSTALLATION - 27.2/10.5LL X 15 TURF FOAM-FILLED



ART\_0270627

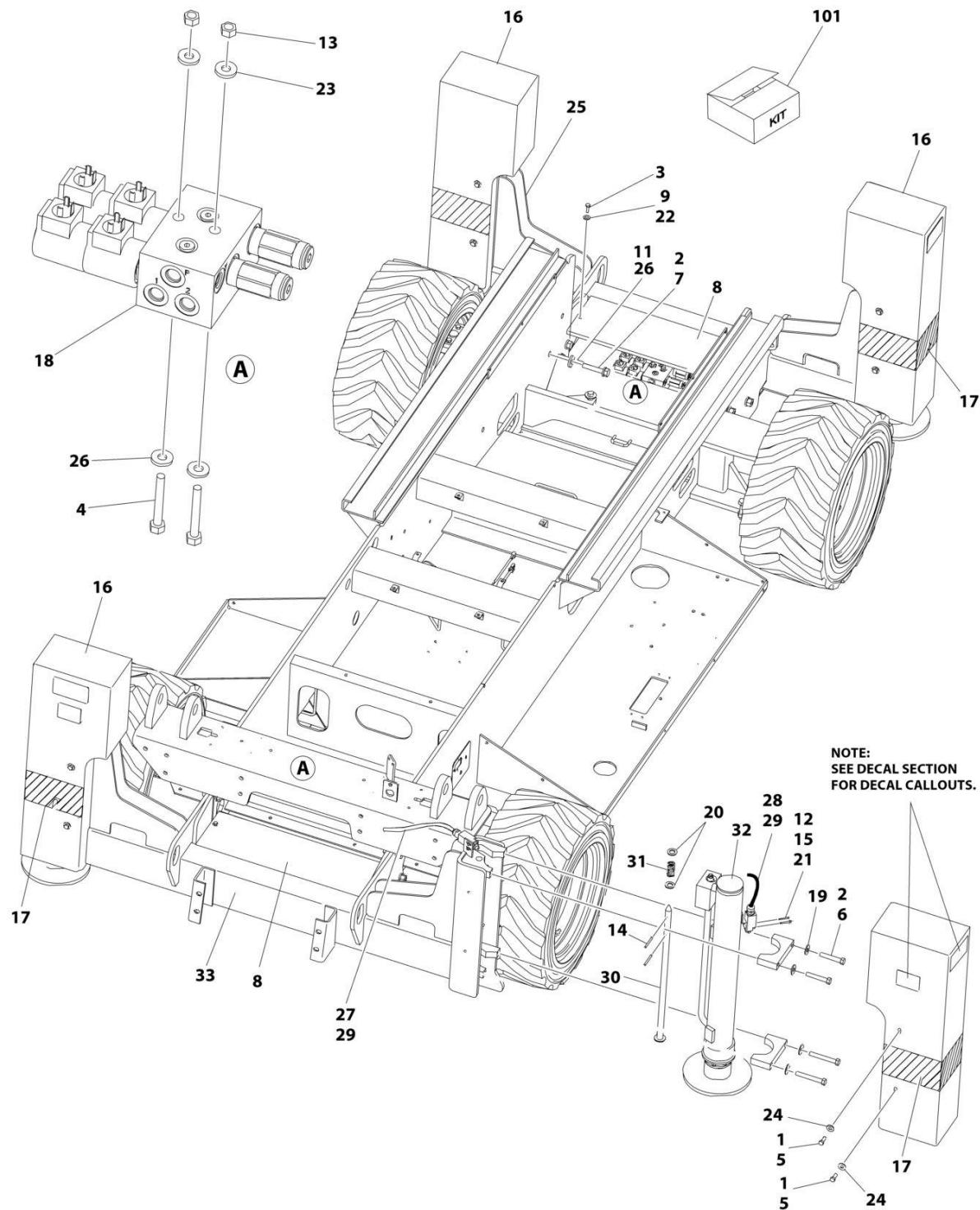
## SECTION 1 - FRAME

**FIGURE 1-22. TIRE AND WHEEL INSTALLATION - 27.2/10.5LL X 15 TURF FOAM-FILLED**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270627	Ref	TIRE AND WHEEL INSTALLATION - 27.2/10.5LL X 15 TURF FOAM-FILLED	C
1	3300426	36	Lugnut	
2	0270530	4	Tire and Wheel Assembly - 27.2/10.5LL x 15 Turf Foam-Filled	F
101	4520249	1	Tire 27.2/10.5LL x 15.0 Turf	
102	4640113	1	Valve	
103	4860221	1	Rim, Wheel	
		Ref	Note: Assemblies require ballast/foam filling to manufacturer's specification prior to installing on a machine. Refer to Operation and Safety or Service and Maintenance Manuals. Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly.	

## **SECTION 1 - FRAME**

## **FIGURE 1-23. LEVELING JACKS INSTALLATION - OPTIONAL**



ART\_1001172714

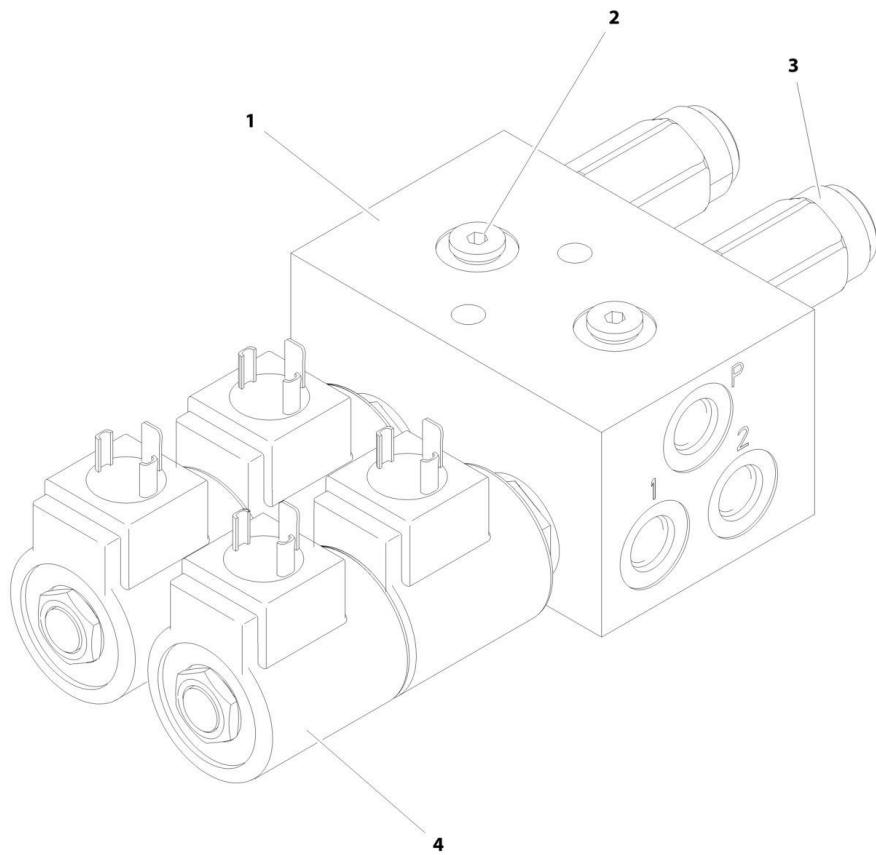
# SECTION 1 - FRAME

**FIGURE 1-23. LEVELING JACKS INSTALLATION - OPTIONAL**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172714	Ref	LEVELING JACKS INSTALLATION - OPTIONAL	
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0641406	4	Bolt 1/4 x 3/4	
4	0641528	4	Bolt 5/16 x 3-1/2	
5	0641608	16	Bolt 3/8 x 1	
6	0641828	16	Bolt 1/2 x 3-1/2	
7	0682016	12	Bolt 5/8 x 2 Grade 8	
8	1670971	2	Cover, Valve	
9	2080052	4	Fastener	
10	2792494	1	Hydraulic Diagram - Leveling Jacks (Not Shown - See Separate Breakdown in HYDRAULIC SECTION)	
11	3272001	12	Nut 5/8 Grade 8	
12	3310805	16	Nut #8	
13	3311505	4	Nut 5/16	
14	3440420	8	Rollpin	
15	3930820	16	Capscrew #8 x 1-1/4	
16	4061003	4	Cover	
17	4420051	8.3 ft /2.5m	Tape, Safety	
18	4641150	2	Leveling Jack Control Valve Assembly (See Separate Breakdown in this Section)	
19	4711800	16	Washer 1/2	
20	4740415	4	Washer	
21	4750800	16	Washer #8	
22	4751400	4	Washer 1/4	
23	4751500	4	Washer 5/16	
24	4751600	16	Washer 3/8	
25	4846224	1	Frame, Leveling Jack (Front)	
26	4892000	16	Washer 5/8	
27	4922454	2	Harness, Leveling Jack (N.O.) (See Separate Breakdown in ELECTRICAL SECTION)	
28	4922455	2	Harness, Leveling Jack (N.C.) (See Separate Breakdown in ELECTRICAL SECTION)	
29	4922456	1	Harness, Leveling Jack (See Separate Breakdown in ELECTRICAL SECTION)	
30	1001128736	4	Rod	
31	1001128890	4	Spring	
32	1001140600	4	Leveling Jack Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
33	1001172562	1	Frame, Leveling Jack (Rear)	
101	1001131751	1	Rod Replacement Kit (Includes Items 1, 2, 6, 14, 20, 30 & 31)	A

## SECTION 1 - FRAME

FIGURE 1-24. LEVELING JACK CONTROL VALVE ASSEMBLY



ART\_4641150

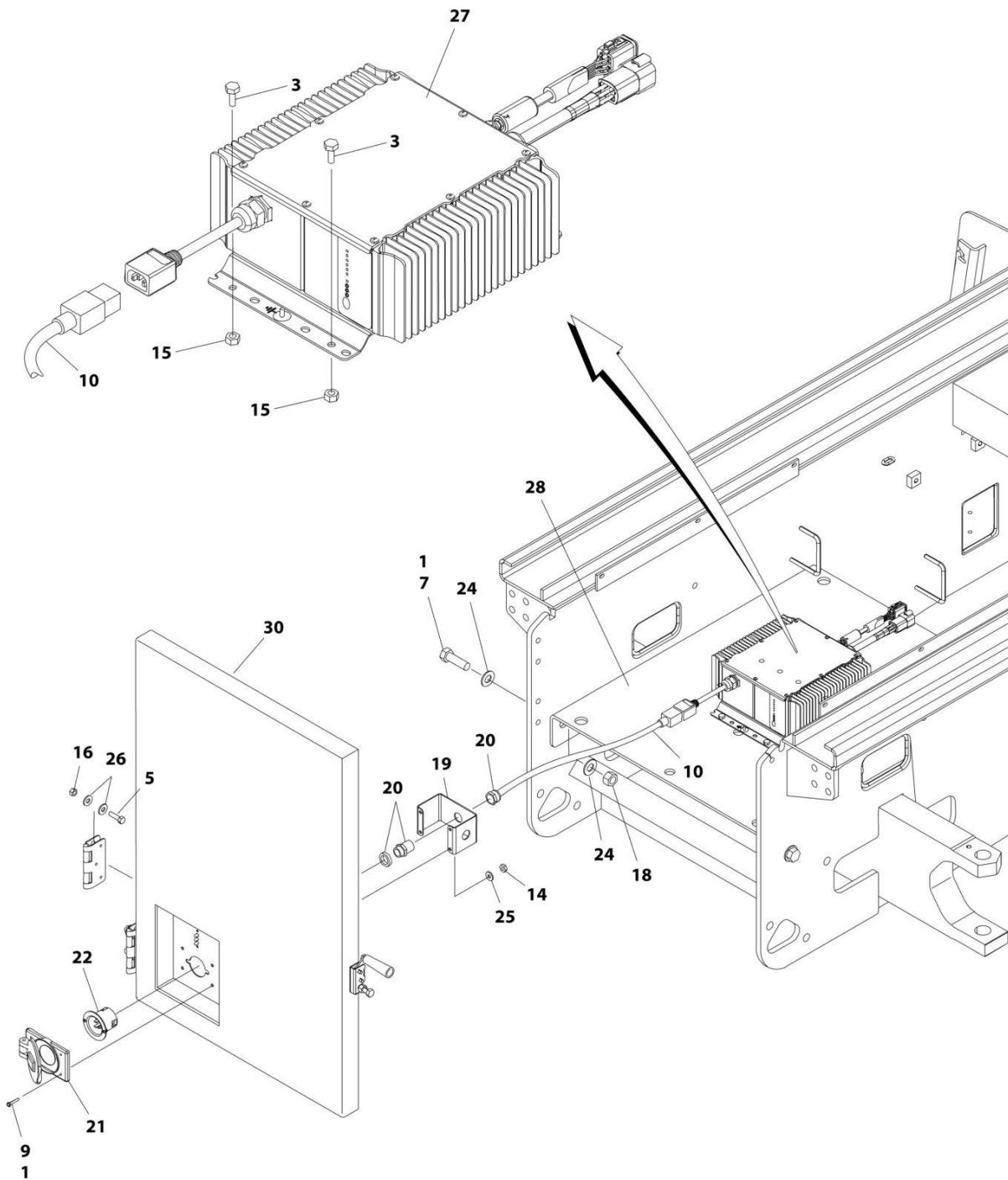
## SECTION 1 - FRAME

**FIGURE 1-24. LEVELING JACK CONTROL VALVE ASSEMBLY**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	4641150	Ref	LEVELING JACK CONTROL VALVE ASSEMBLY	
1	0561407	1	Block, Valve	B
2	2220883	2	Plug with O-Ring	
3	4641151	2	Cartridge, Relief Valve	
3	7021653	2	Seal Kit - 4641151 Valve (1 Per Cartridge)	
4	4641152	2	Cartridge, 4 Way Valve	
4	7012903	2	Seal Kit - 4641152 Valve (1 Per Cartridge)	
4	7012943	4	Coil (2 Per Cartridge)	

## SECTION 1 - FRAME

FIGURE 1-25. BATTERY CHARGER INSTALLATION - 110V/60HZ (3369LE & 4069LE ANSI, ANSI EXPORT, CSA AND JAPANESE SPECS)



ART\_1001165767

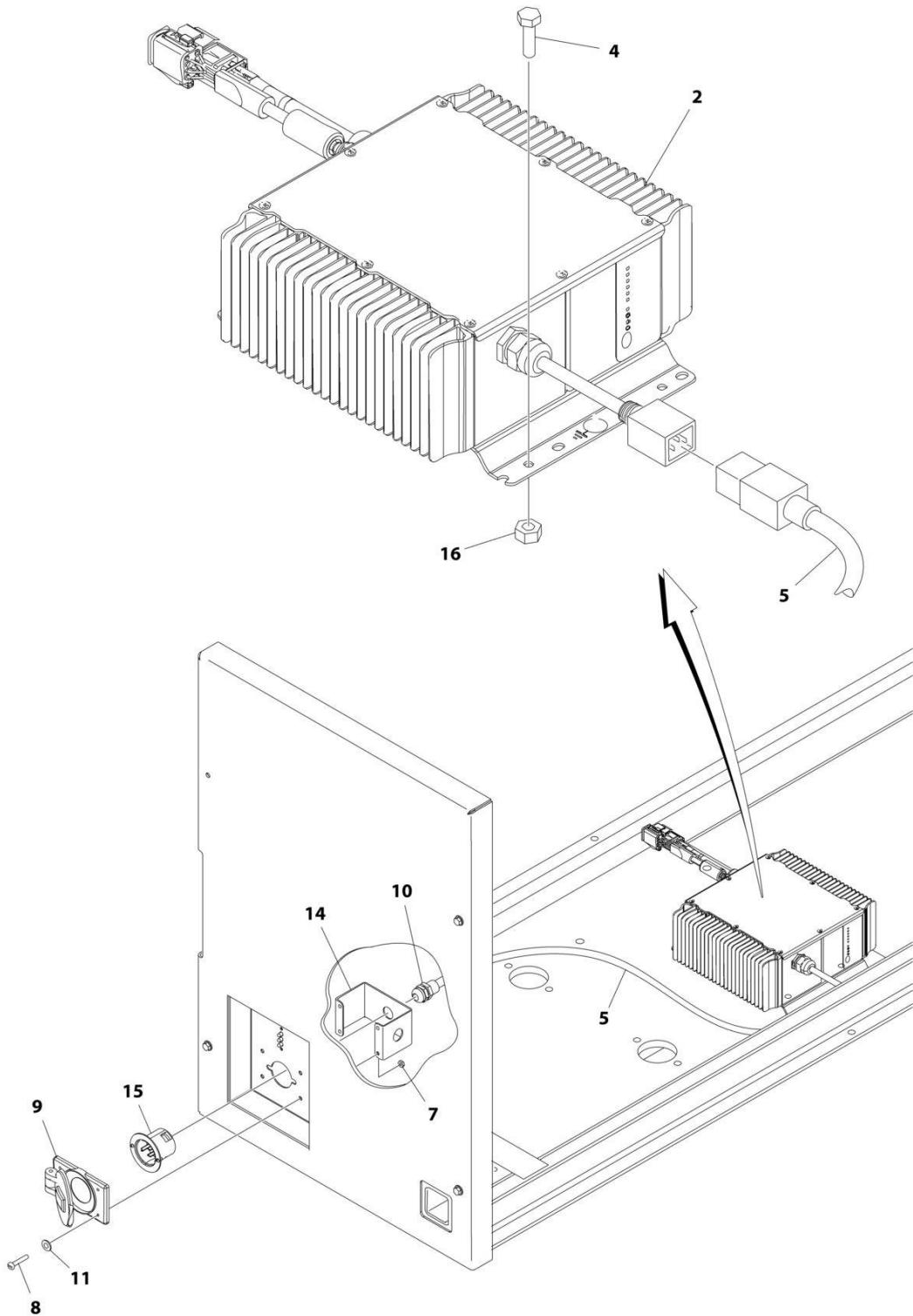
## SECTION 1 - FRAME

**FIGURE 1-25. BATTERY CHARGER INSTALLATION - 110V/60HZ (3369LE & 4069LE ANSI, ANSI EXPORT, CSA AND JAPANESE SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165767	Ref	BATTERY CHARGER INSTALLATION - 110V/60HZ	
1	0100011	AR	Compound, Locking	
3	0641405	4	Bolt 1/4 x 5/8	
5	0641509	4	Bolt 5/16 x 1-1/8	
7	0642016	4	Bolt 5/8 x 2	
9	0721008	4	Bolt #10	
10	1060689	1	Cord, Electrical	
14	3311001	4	Nut #10	
15	3311405	4	Nut 1/4	
16	3311505	1	Nut 5/16	
18	3312005	4	Nut 5/8	
19	3571584	1	Plate, Plug Inlet	
20	4460428	1	Connector, Strain Relief	
21	4460802	1	Cover, Weatherproof	
22	4460803	1	Plug	
24	4712000	8	Washer 5/8	
25	4751000	4	Washer #10	
26	4751500	8	Washer 5/16	
27	1001103105	1	Battery Charger Assembly (See Separate Breakdown in this Section)	
28	1001165370	1	Plate, Support	
30	1001166234	1	Battery Charger Door Assembly (See Separate Breakdown in this Section)	

## **SECTION 1 - FRAME**

**FIGURE 1-26. BATTERY CHARGER INSTALLATION - 110V/60HZ (M3369 & M4069 ANSI, ANSI EXPORT, CSA AND JAPANESE SPECS)**



ART\_0270840

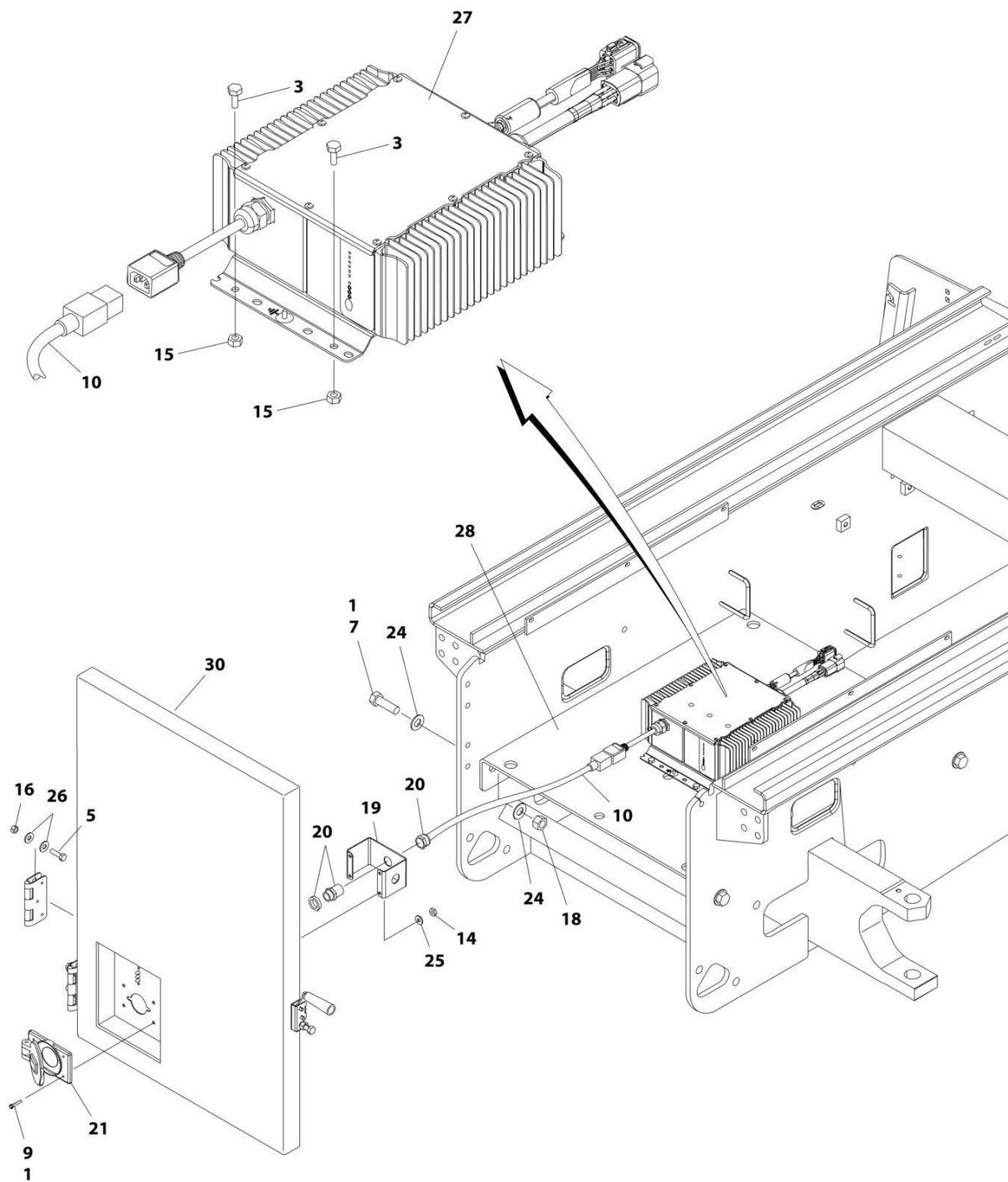
## SECTION 1 - FRAME

**FIGURE 1-26. BATTERY CHARGER INSTALLATION - 110V/60HZ (M3369 & M4069 ANSI, ANSI EXPORT, CSA AND JAPANESE SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	NOTE: AVAILABLE ON M3369 & M4069 ANSI, ANSI EXPORT, CSA AND JAPANESE SPECS.	
2	0270840 1001103105	Ref 1	BATTERY CHARGER INSTALLATION - 110V/60HZ Battery Charger Assembly (See Separate Breakdown in this Section)	F
4	0641407	4	Bolt 1/4 x 7/8	
5	1060689	1	Cord, Electrical	
7	3311005	4	Nut #10	
8	3911014	4	Screw #10 x 7/8	
9	4460802	1	Cover, Weatherproof	
10	4460428	1	Connector, Strain Relief	
11	4751000	4	Washer #10	
14	3571584	1	Plate, Plug Inlet	
15	4460803	1	Plug	
16	3311405	4	Nut 1/4	

## SECTION 1 - FRAME

FIGURE 1-27. BATTERY CHARGER INSTALLATION - 120-240V/50-60HZ (3369LE & 4069LE ANSI, ANSI EXPORT, CSA AND CE SPECS)



ART\_1001166240

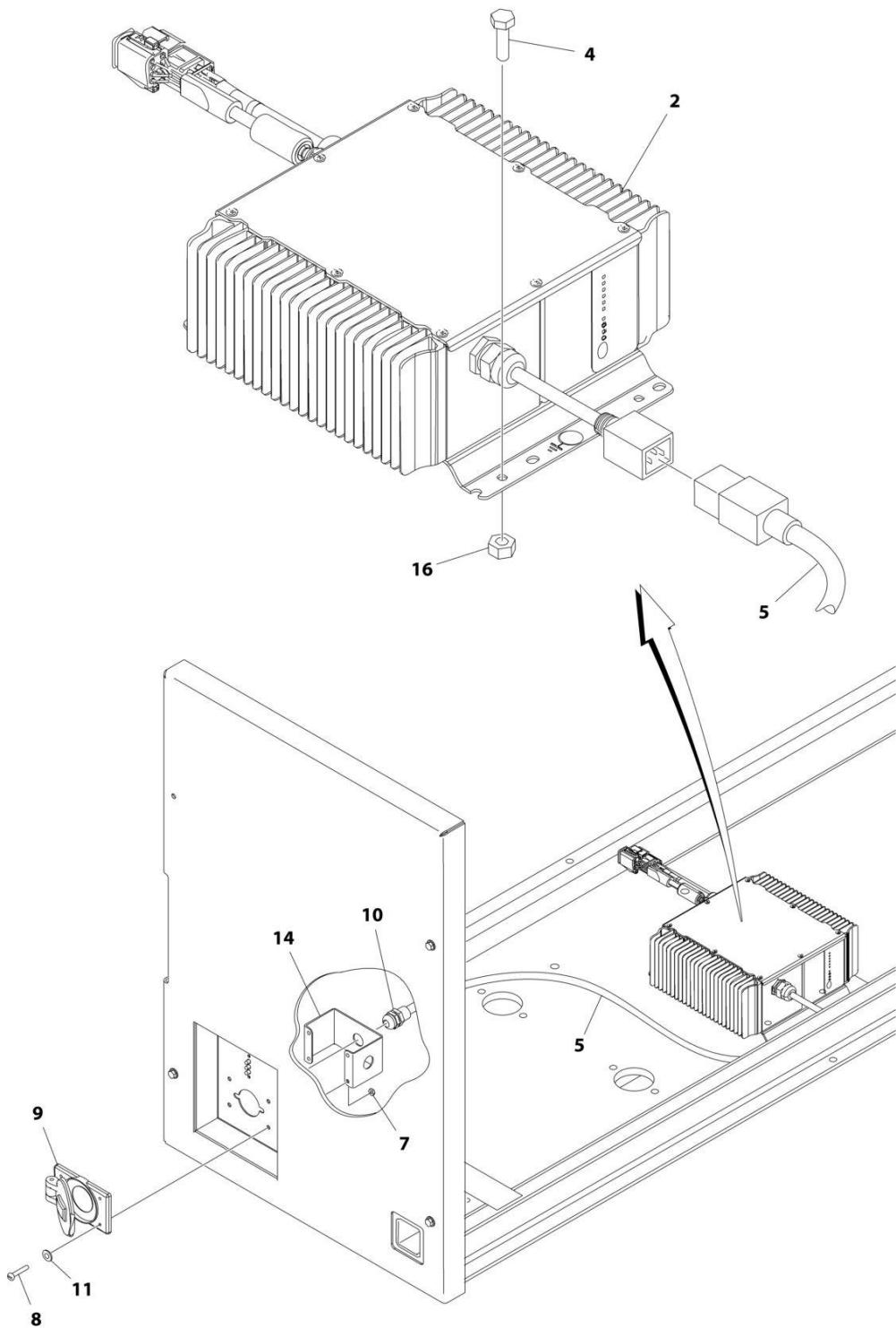
## SECTION 1 - FRAME

**FIGURE 1-27. BATTERY CHARGER INSTALLATION - 120-240V/50-60HZ (3369LE & 4069LE ANSI, ANSI EXPORT, CSA AND CE SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166240	Ref	BATTERY CHARGER INSTALLATION - 120-240V/50-60HZ	
1	0100011	AR	Compound, Locking	
3	0641405	4	Bolt 1/4 x 5/8	
5	0641509	4	Bolt 5/16 x 1-1/8	
7	0642016	4	Bolt 5/8 x 2	
9	0721008	4	Bolt #10 x 1	
10	1060689	1	Cord, Electrical	
14	3311001	4	Nut #10	
15	3311405	4	Nut 1/4	
16	3311505	4	Nut 5/16	
18	3312005	4	Nut 5/8	
19	3571584	1	Plate, Plug Inlet	
20	4460428	1	Connector, Strain Relief	
21	4460802	1	Cover, Weatherproof	
23	4712000	8	Washer 5/8	
24	4751000	4	Washer #10	
25	4751500	8	Washer 5/16	
26	1001103105	1	Battery Charger Assembly (See Separate Breakdown in this Section)	
27	1001165370	1	Plate, Support	
29	1001166234	1	Battery Charger Door Assembly (See Separate Breakdown in this Section)	

## SECTION 1 - FRAME

FIGURE 1-28. BATTERY CHARGER INSTALLATION - 120-240V/50-60HZ (M3369 & M4069 ANSI, ANSI EXPORT, CSA AND CE SPECS)



ART\_0270841

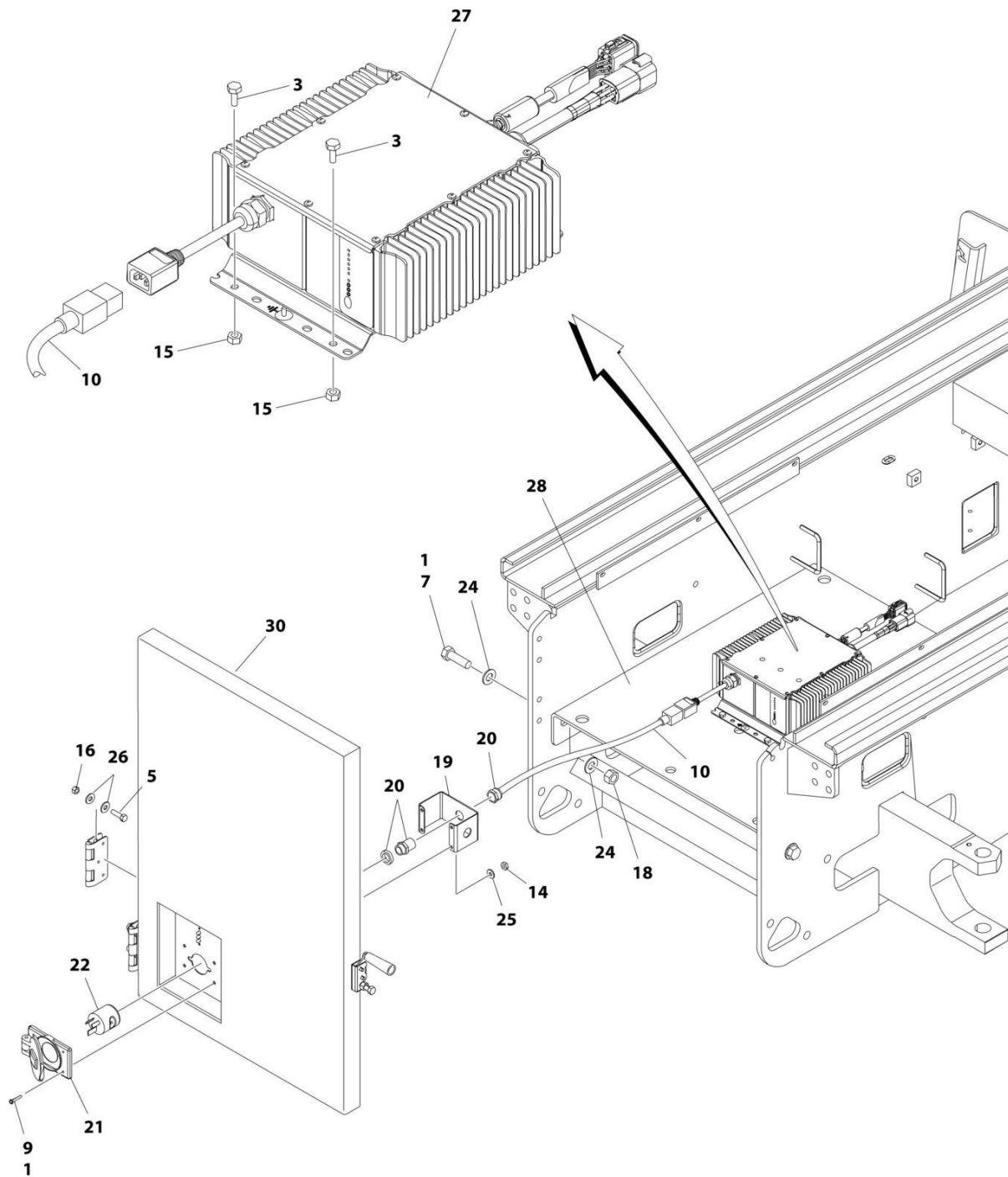
## SECTION 1 - FRAME

**FIGURE 1-28. BATTERY CHARGER INSTALLATION - 120-240V/50-60HZ (M3369 & M4069 ANSI, ANSI EXPORT, CSA AND CE SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270841	Ref	BATTERY CHARGER INSTALLATION - 120-240V/50-60HZ	
4	0641407	4	Bolt 1/4 x 7/8	
7	3311005	4	Nut #10	
8	3911014	4	Screw #10 x 7/8	
9	4460802	1	Cover, Weatherproof	
11	4751000	4	Washer #10	
14	3571584	1	Plate, Plug Inlet	
15	4460428	1	Connector, Strain Relief	
16	1001103105	1	Battery Charger Assembly (See Separate Breakdown in this Section)	
17	1060689	1	Cord, Electrical	
18	3311405	4	Nut 1/4	

## SECTION 1 - FRAME

FIGURE 1-29. BATTERY CHARGER INSTALLATION - 250V/50HZ (3369LE & 4069LE ANSI EXPORT AND AUSTRALIAN SPECS)



ART\_1001166241

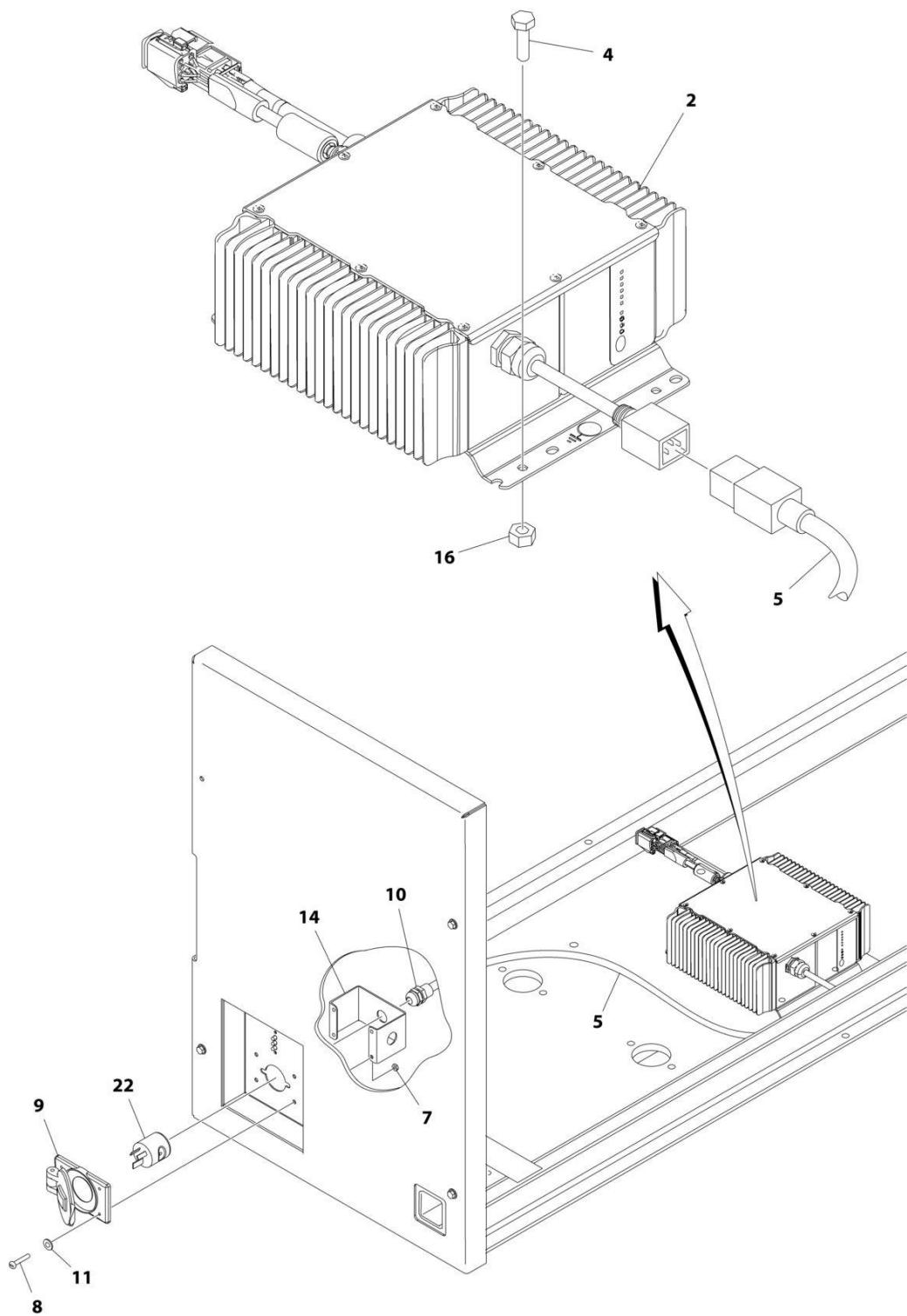
## SECTION 1 - FRAME

**FIGURE 1-29. BATTERY CHARGER INSTALLATION - 250V/50HZ (3369LE & 4069LE ANSI EXPORT AND AUSTRALIAN SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166241	Ref	BATTERY CHARGER INSTALLATION - 250V/50HZ	
1	0100011	AR	Compound, Locking	
3	0641405	4	Bolt 1/4 x 5/8	
5	0641509	4	Bolt 5/16 x 1-1/8	
7	0642016	4	Bolt 5/8 x 2	
9	0721008	4	Bolt #10 x 1	
10	1060689	1	Cord, Electrical	
14	3311001	4	Nut #10	
15	3311405	4	Nut 1/4	
16	3311505	4	Nut 5/16	
18	3312005	4	Nut 5/8	
19	3571584	1	Plate, Plug Inlet	
20	4460428	1	Connector, Strain Relief	
21	4460802	1	Cover, Weatherproof	
22	4460805	1	Plug	
24	4712000	8	Washer 5/8	
25	4751000	4	Washer #10	
26	4751500	8	Washer 5/16	
27	1001103105	1	Battery Charger Assembly (See Separate Breakdown in this Section)	
28	1001165370	1	Plate, Support	
30	1001166234	1	Battery Charger Door Assembly (See Separate Breakdown in this Section)	

## SECTION 1 - FRAME

FIGURE 1-30. BATTERY CHARGER INSTALLATION - 250V/50HZ (M3369 & M4069 ANSI EXPORT AND AUSTRALIAN SPECS)



ART\_0270842

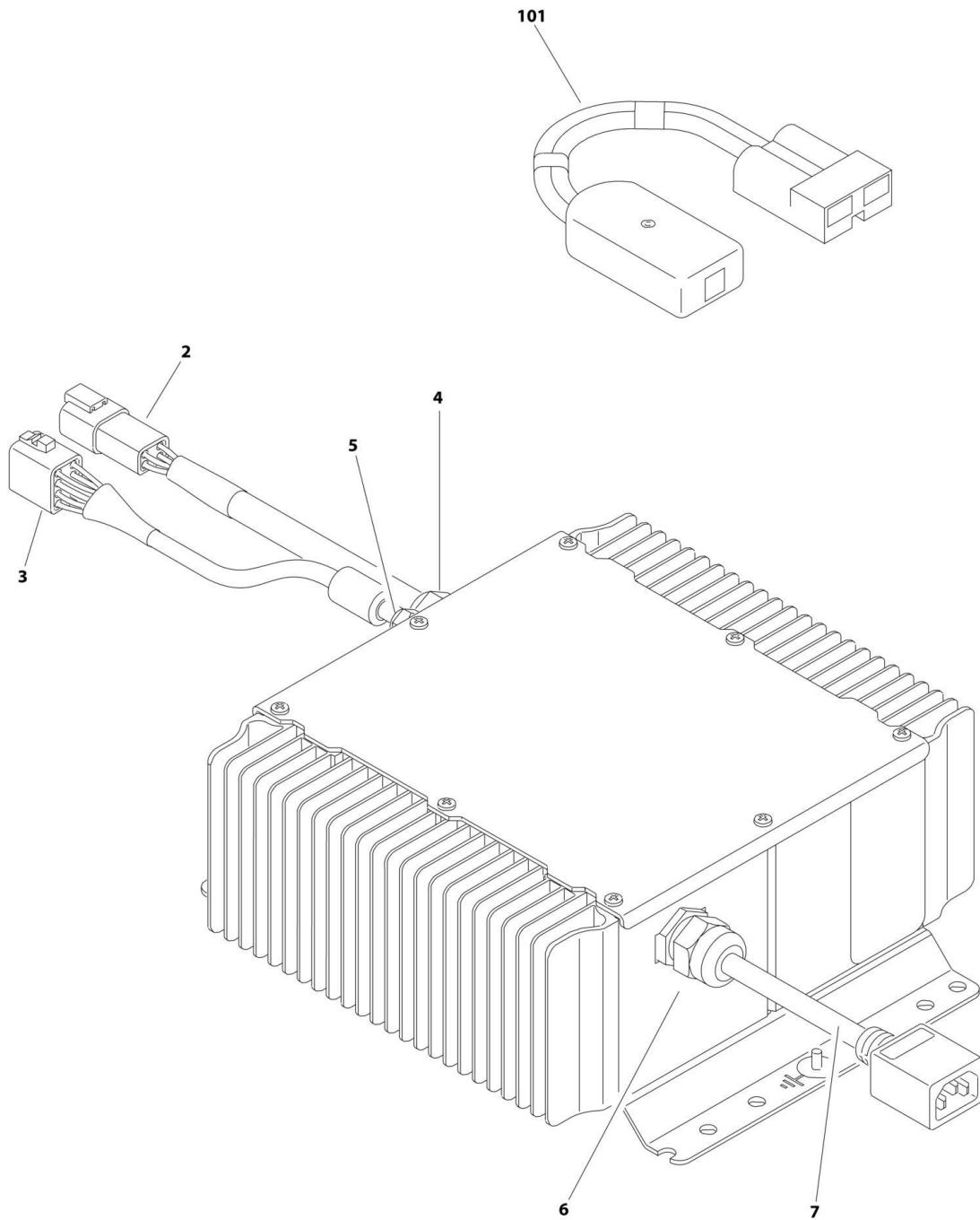
## SECTION 1 - FRAME

**FIGURE 1-30. BATTERY CHARGER INSTALLATION - 250V/50HZ (M3369 & M4069 ANSI EXPORT AND AUSTRALIAN SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270842	Ref	BATTERY CHARGER INSTALLATION - 250V/50HZ	
2	1001103105	1	Battery Charger Assembly (See Separate Breakdown in this Section)	F
4	0641407	1	Bolt 1/4 x 7/8	
5	1060689	1	Cord, Electrical	
7	3311005	1	Nut #10	
8	3911014	1	Screw #10 x 7/8	
9	4460802	1	Cover, Weatherproof	
10	4460805	1	Plug	
11	4751000	1	Washer #10	
14	3571584	1	Plate, Plug Inlet	
15	4460428	1	Connector, Strain Relief	
16	3311405	1	Nut 1/4	

## SECTION 1 - FRAME

FIGURE 1-31. BATTERY CHARGER ASSEMBLY



ART\_1001103105

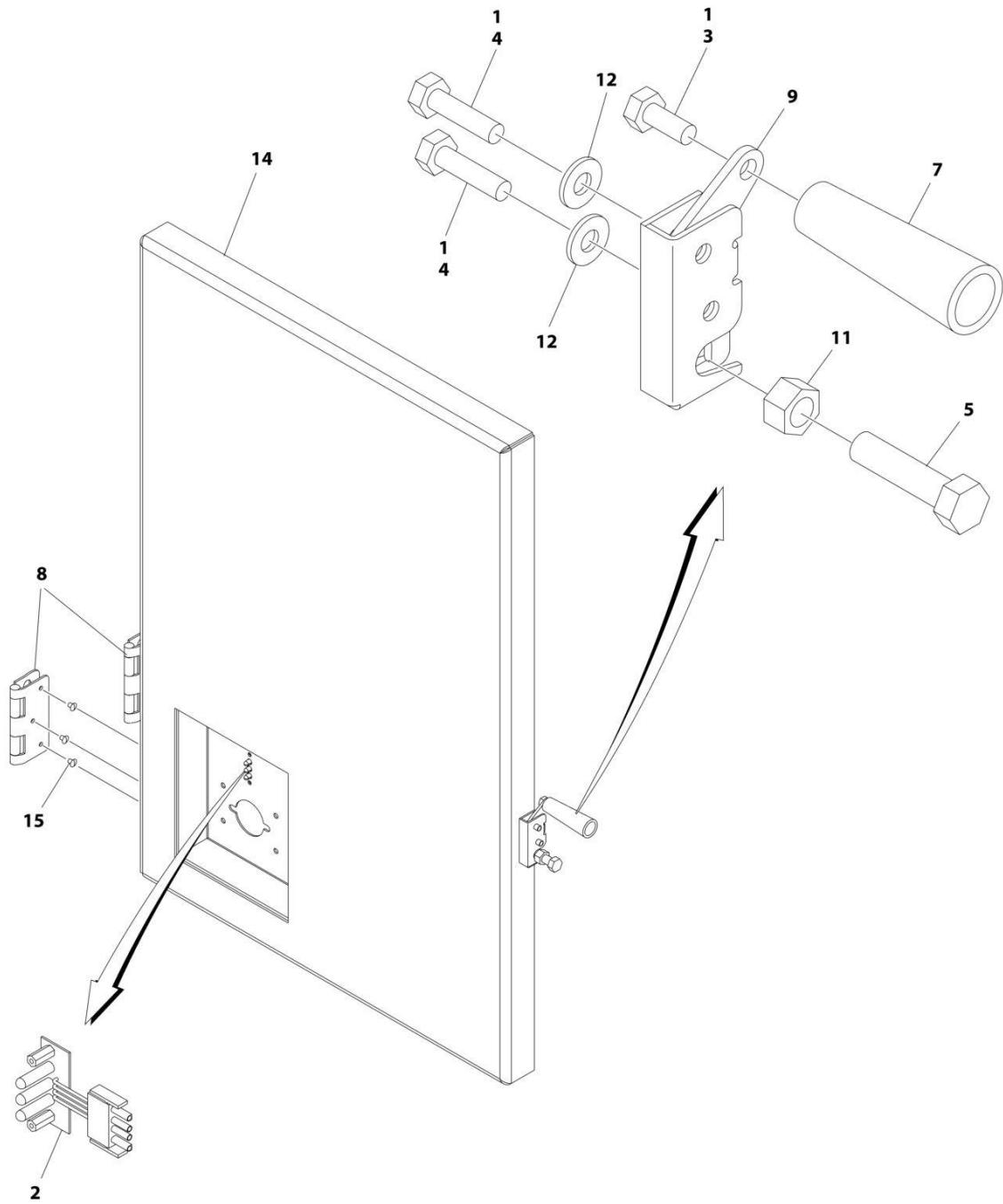
## SECTION 1 - FRAME

**FIGURE 1-31. BATTERY CHARGER ASSEMBLY**

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

## SECTION 1 - FRAME

FIGURE 1-32. BATTERY CHARGER DOOR ASSEMBLY - 3369LE & 4069LE



ART\_1001166234

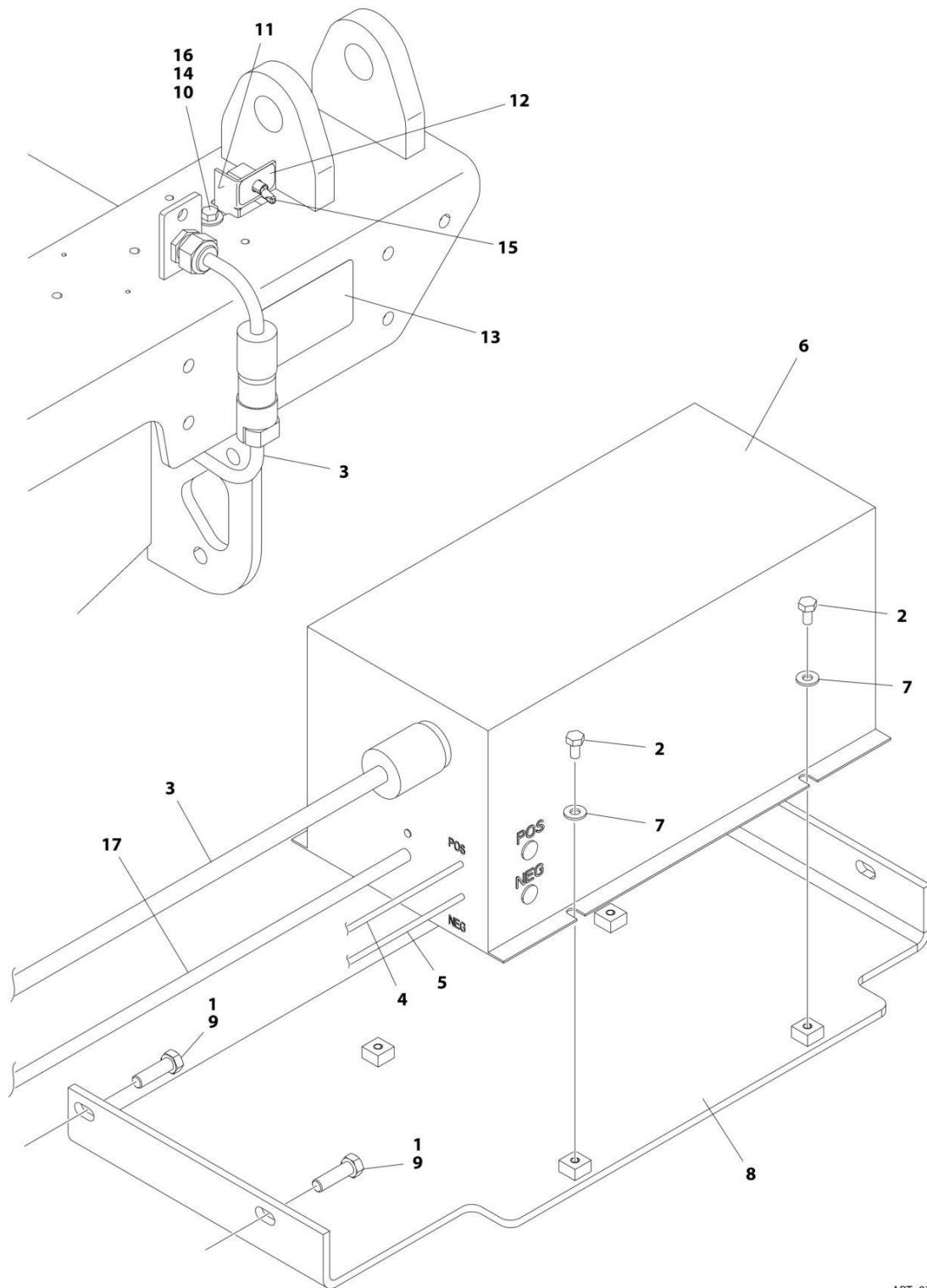
## SECTION 1 - FRAME

**FIGURE 1-32. BATTERY CHARGER DOOR ASSEMBLY - 3369LE & 4069LE**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001166234	Ref	BATTERY CHARGER DOOR ASSEMBLY - 3369LE & 4069LE	B
1	0100011	AR	Compound, Locking	
2	0610131	1	Board, PC	
3	0641405	1	Bolt 1/4 x 5/8	
4	0641408	2	Bolt 1/4 x 1	
5	0641612	1	Bolt 3/8 x 1-1/2	
7	2560137	1	Handle	
8	2600258	2	Hinge	
9	2940098	1	Latch	
11	3311605	1	Nut 3/8	
12	4711400	4	Washer 1/4	
14	1001165636	1	Door	
15	3820019	6	Rivet	

## SECTION 1 - FRAME

FIGURE 1-33. INVERTER INSTALLATION - OPTIONAL



ART\_0271344

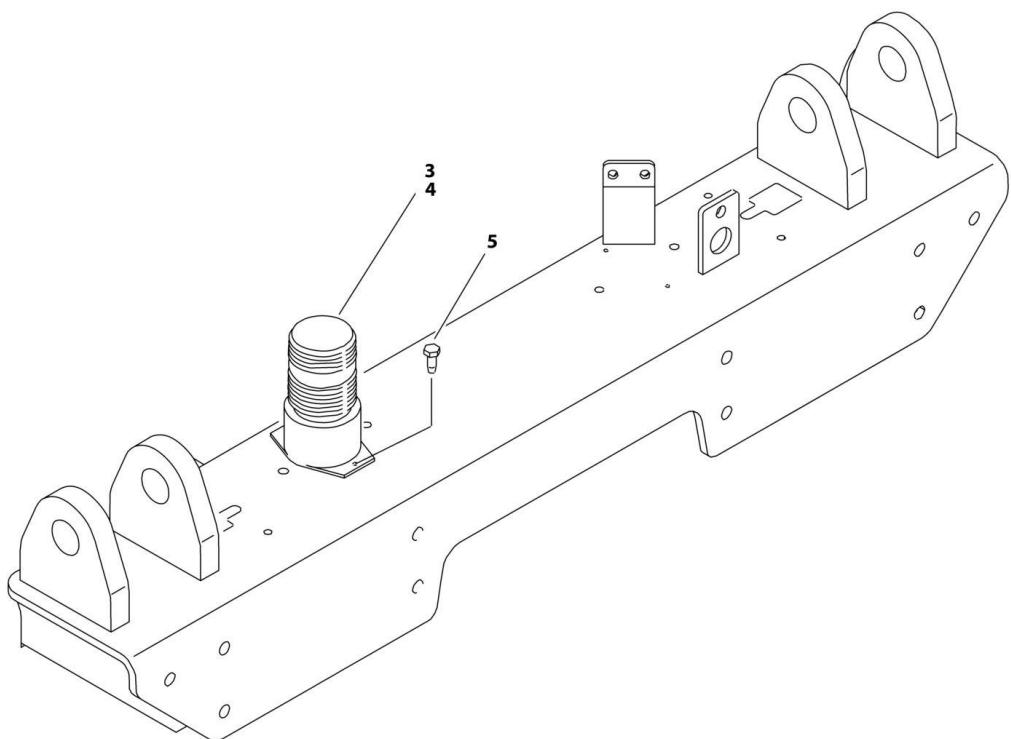
## SECTION 1 - FRAME

**FIGURE 1-33. INVERTER INSTALLATION - OPTIONAL**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271344	Ref	INVERTER INSTALLATION - OPTIONAL	
1	0100011	AR	Compound, Locking	
2	0641404	4	Bolt 1/4 x 1/2	
3	1060933	1	Cord, Electrical	
3	4460138	1	Plug, Male	
3	4460779	1	Receptacle, Female	
4	1060934	1	Harness, Positive Inverter	
5	1060935	1	Harness, Negative Inverter	
6	2460037	1	Inverter	
7	4711400	4	Washer 1/4	
8	4846520	1	Bracket, Mounting	
9	0630549	4	Bolt 3/8 x 1-1/4	
10	0641608	1	Bolt 3/8 x 1	
11	0902780	1	Bracket, Mounting	
12	1705052	1	Decal - Inverter On-Off	
13	1705051	1	Decal - Inverter	
14	3311605	1	Nut 3/8	
15	4360482	1	Switch, Toggle	
16	4751600	1	Washer 3/8	
17	4922668	1	Harness, Inverter Switch	

## SECTION 1 - FRAME

FIGURE 1-34. BEACON INSTALLATION



ART\_0259593

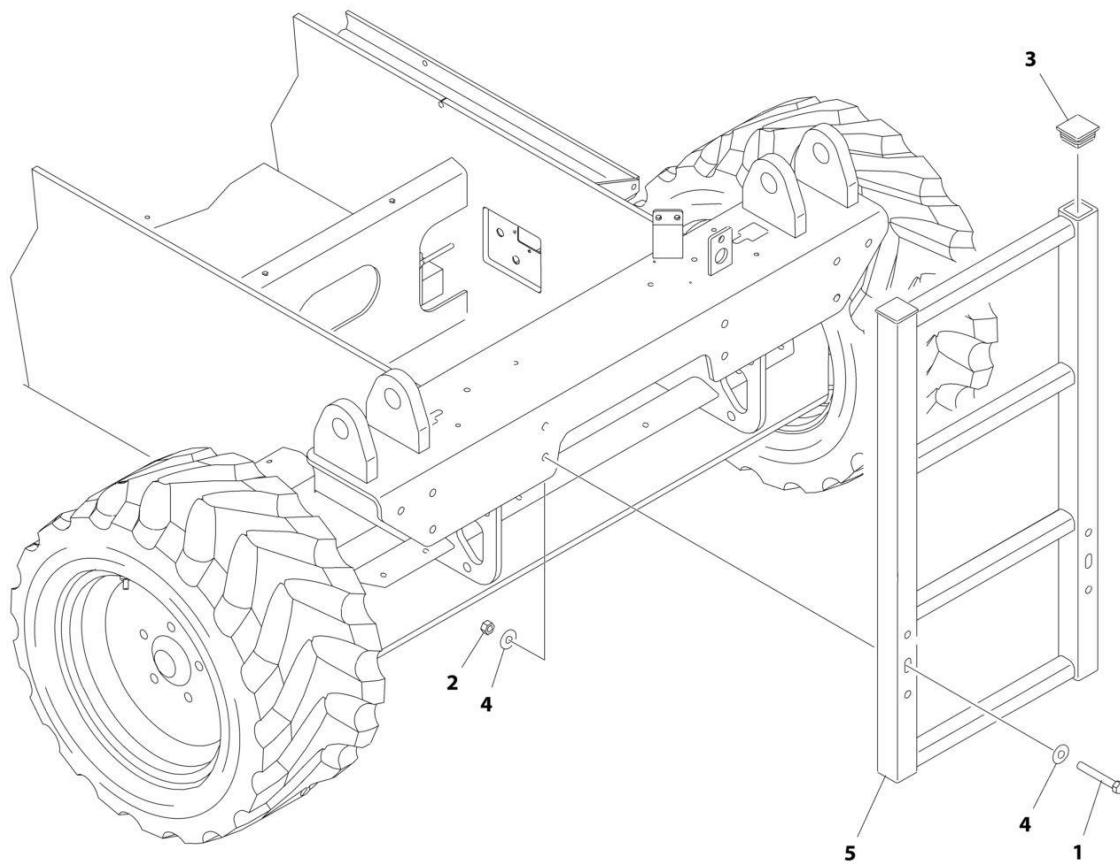
## SECTION 1 - FRAME

**FIGURE 1-34. BEACON INSTALLATION**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
3	0259593	Ref	BEACON INSTALLATION	D
3	2820018	AR	Heat Shrink	
4	2920146	1	Beacon Light Assembly	
4	7016319	1	Bulb	
4	7016372	1	Lens	
5	3941004	2	Screw #10 x 1/2	
11	4922426	1	Harness, Beacon (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	

## SECTION 1 - FRAME

FIGURE 1-35. LADDER INSTALLATION WITHOUT LEVELING JACKS - 3369LE/M3369 (ALL SPEC EXCEPT CE SPEC)



ART\_0259576

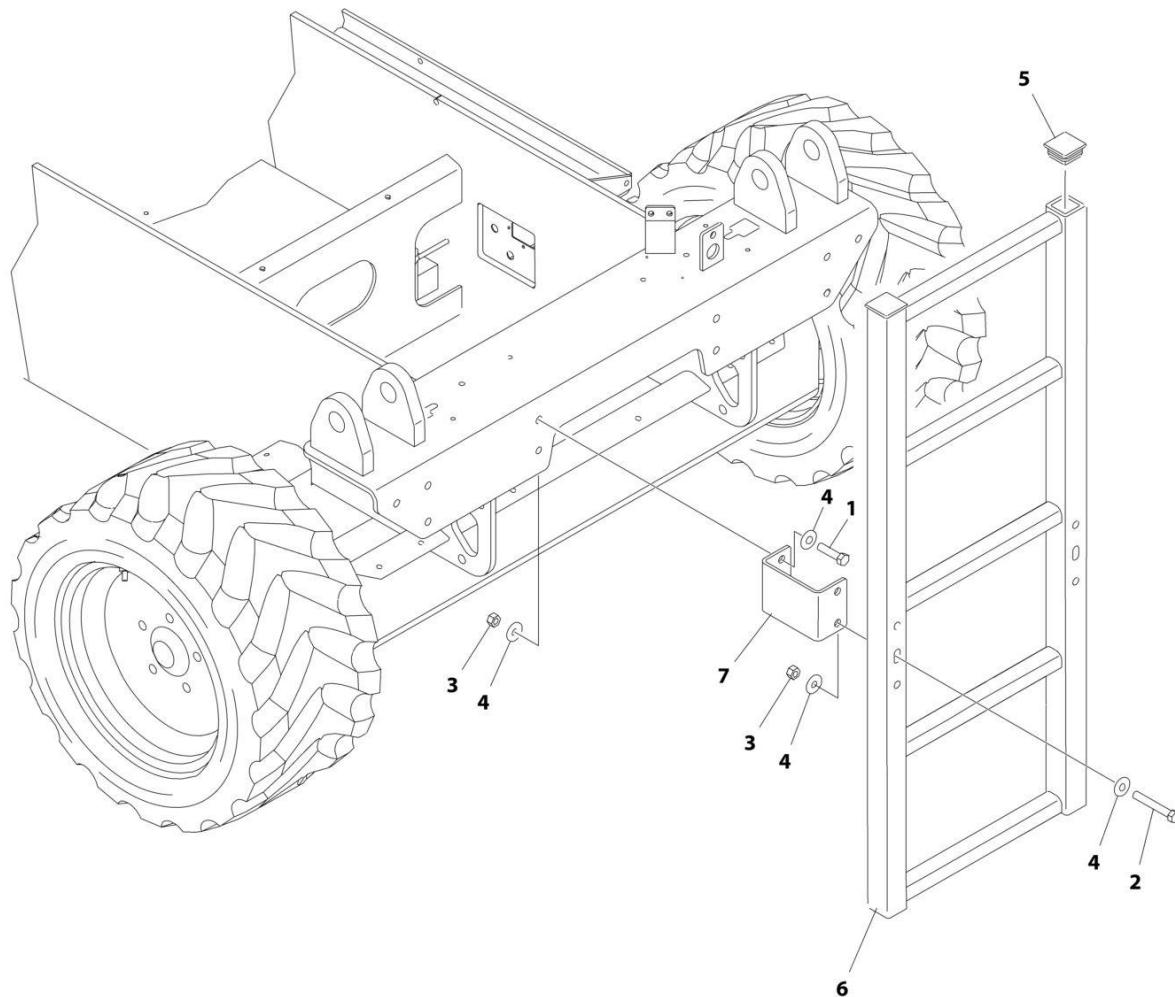
## SECTION 1 - FRAME

**FIGURE 1-35. LADDER INSTALLATION WITHOUT LEVELING JACKS - 3369LE/M3369 (ALL SPEC EXCEPT CE SPEC)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0259576	Ref	LADDER INSTALLATION WITHOUT LEVELING JACKS	
1	0641828	4	Bolt 1/2 x 3-1/2	F
2	3311805	4	Nut 1/2	
3	1001109533	8	Cap-Plug	
4	4751800	2	Washer 1/2	
5	4846159	1	Ladder	

## SECTION 1 - FRAME

FIGURE 1-36. LADDER INSTALLATION WITHOUT LEVELING JACKS - 3369LE/M3369 (CE SPEC)



ART\_1001172397

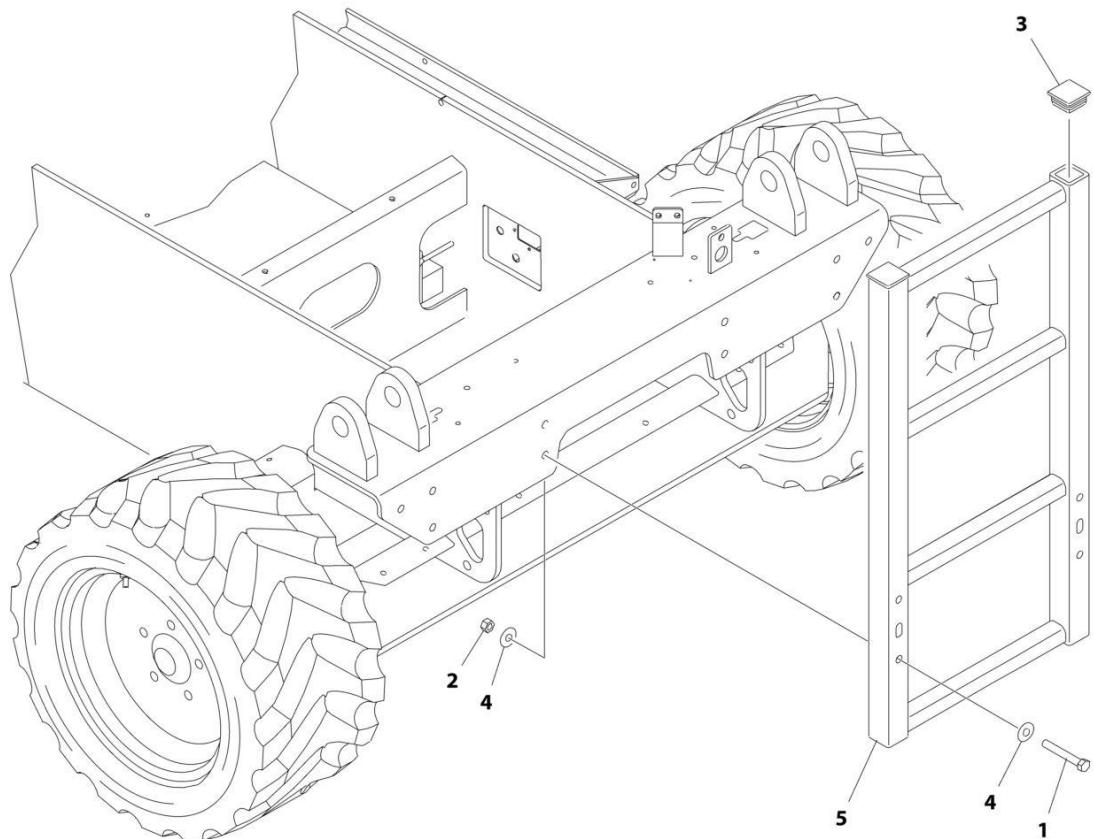
## SECTION 1 - FRAME

**FIGURE 1-36. LADDER INSTALLATION WITHOUT LEVELING JACKS - 3369LE/M3369 (CE SPEC)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001172397	Ref	LADDER INSTALLATION WITHOUT LEVELING JACKS	
1	0641814	4	Bolt 1/2 x 1-3/4	B
2	0641824	4	Bolt 1/2 x 3	
3	3311805	8	Nut 1/2	
4	4751800	16	Washer 1/2	
5	1001109533	2	Cap-Plug	
6	1001172415	1	Ladder	
7	1001172416	2	Bracket	

## SECTION 1 - FRAME

FIGURE 1-37. LADDER INSTALLATION WITHOUT LEVELING JACKS - 4069LE/M4069 (ALL SPECS EXCEPT CE SPEC)



ART\_0259577

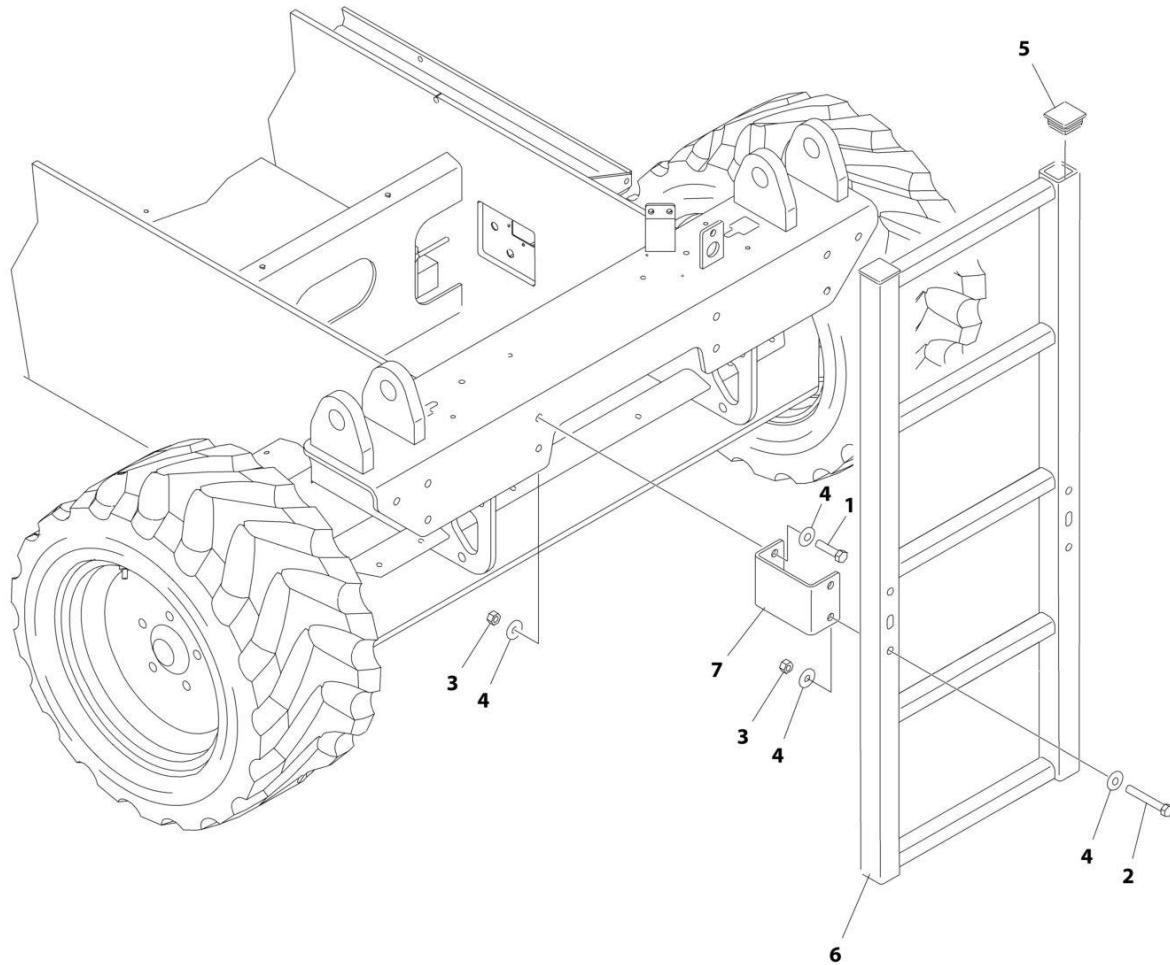
## SECTION 1 - FRAME

**FIGURE 1-37. LADDER INSTALLATION WITHOUT LEVELING JACKS - 4069LE/M4069 (ALL SPECS EXCEPT CE SPEC)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0259577	Ref	LADDER INSTALLATION WITHOUT LEVELING JACKS	
1	0641828	4	Bolt 1/2 x 3-1/2	F
2	3311805	4	Nut 1/2	
3	1001109533	2	Cap-Plug	
4	4751800	8	Washer 1/2	
5	4846159	1	Ladder	

## SECTION 1 - FRAME

FIGURE 1-38. LADDER INSTALLATION WITHOUT LEVELING JACKS - 4069LE/M4069 (CE SPECS)



ART\_1001172768

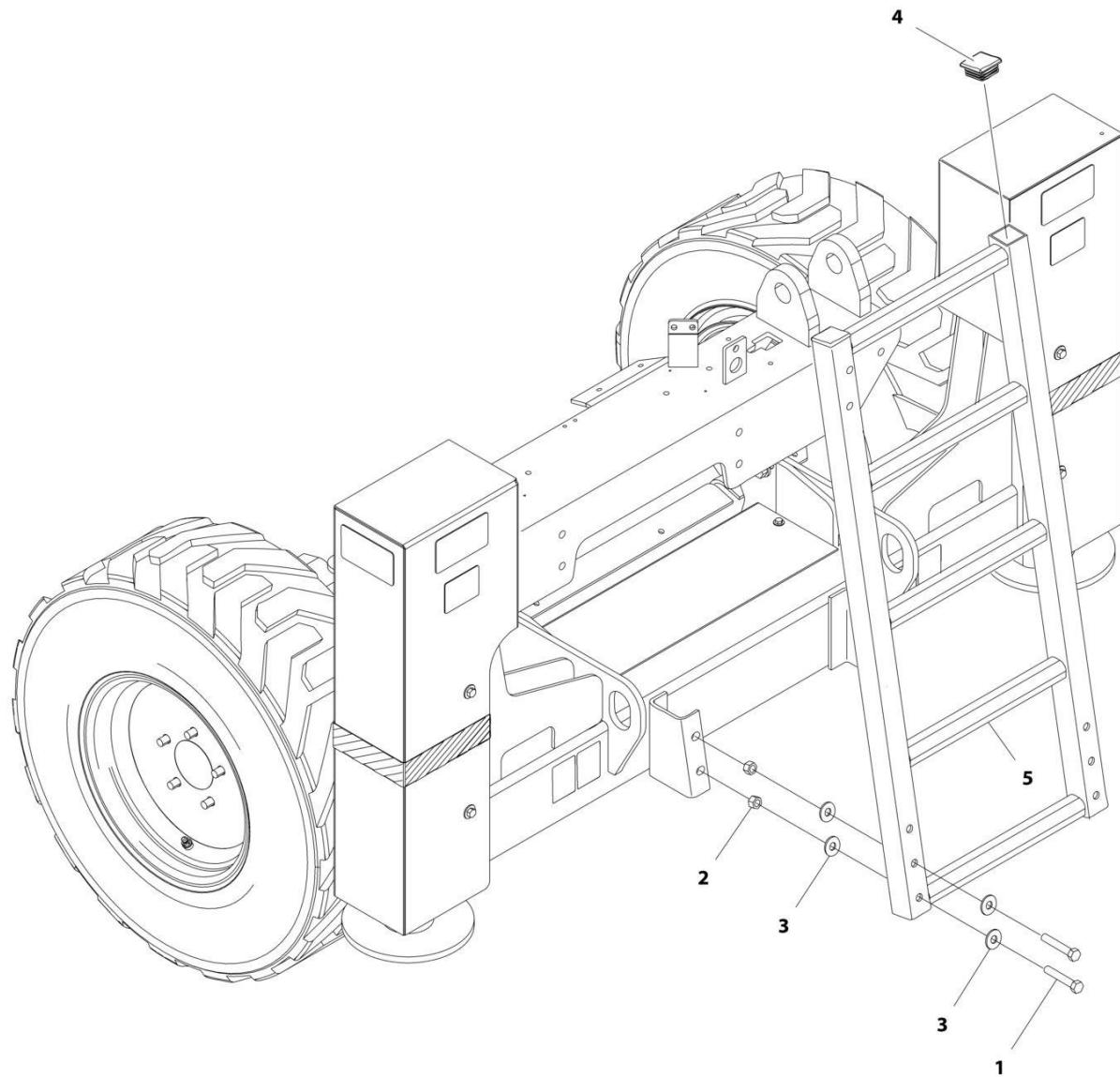
## SECTION 1 - FRAME

FIGURE 1-38. LADDER INSTALLATION WITHOUT LEVELING JACKS - 4069LE/M4069 (CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001172768	Ref	LADDER INSTALLATION WITHOUT LEVELING JACKS	
1	0641814	4	Bolt 1/2 x 1-3/4	
2	0641824	4	Bolt 1/2 x 3	
3	3311805	8	Nut 1/2	
4	4751800	16	Washer 1/2	
5	1001109533	2	Cap-Plug	
6	1001172415	1	Ladder	
7	1001172416	2	Bracket	

## SECTION 1 - FRAME

FIGURE 1-39. LADDER INSTALLATION WITH LEVELING JACKS



ART\_1001172393

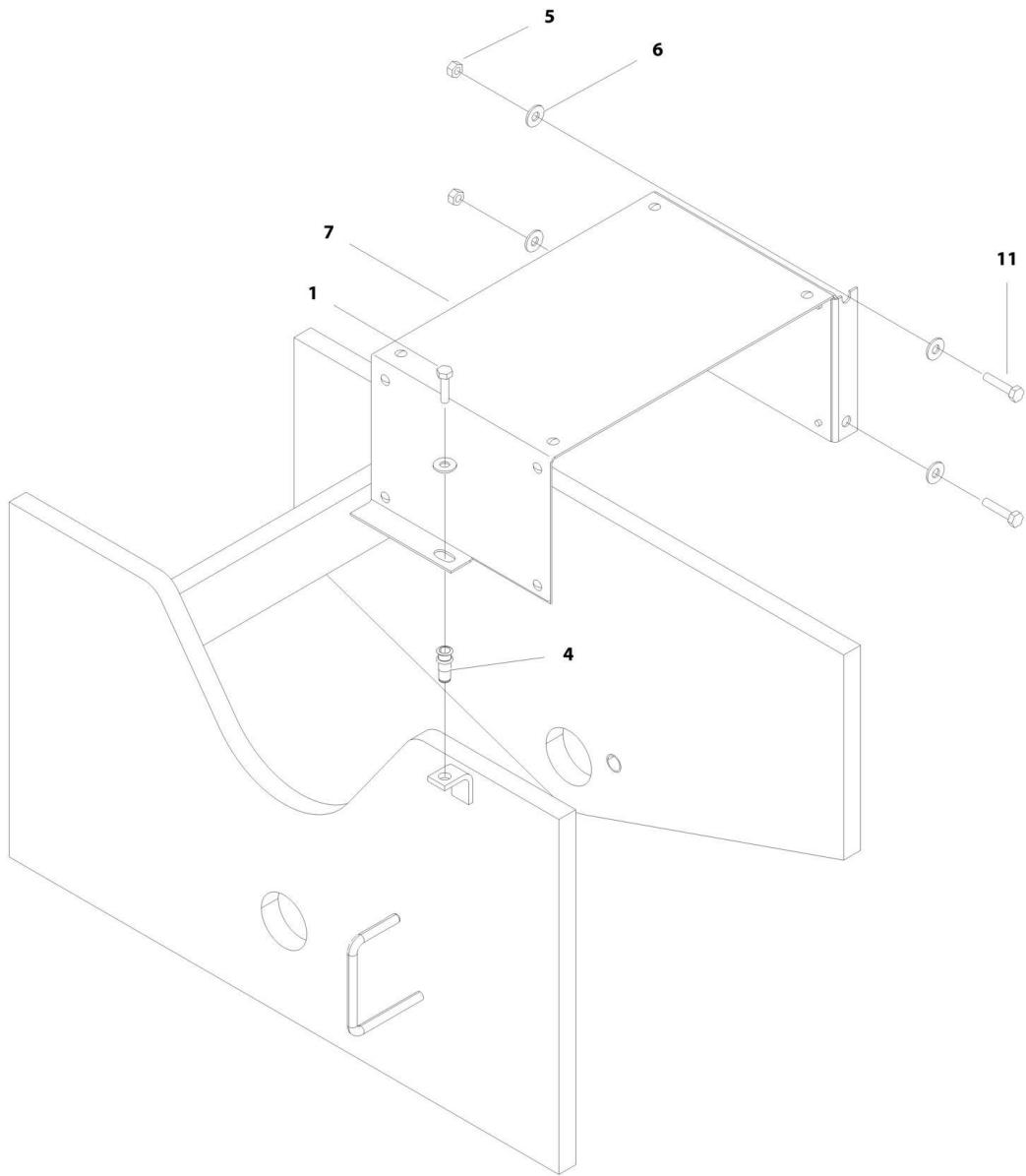
## SECTION 1 - FRAME

**FIGURE 1-39. LADDER INSTALLATION WITH LEVELING JACKS**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001172393	Ref	LADDER INSTALLATION WITH LEVELING JACKS	B
1	0641824	4	Bolt 1/2 x 3	
2	3311805	4	Nut 1/2	
3	4751800	8	Washer 1/2	
4	1001109533	2	Cap-Plug	
5	1001172413	1	Ladder	

## SECTION 1 - FRAME

**FIGURE 1-40. FRAME COVER INSTALLATION (STANDARD)**



ART\_1001165824

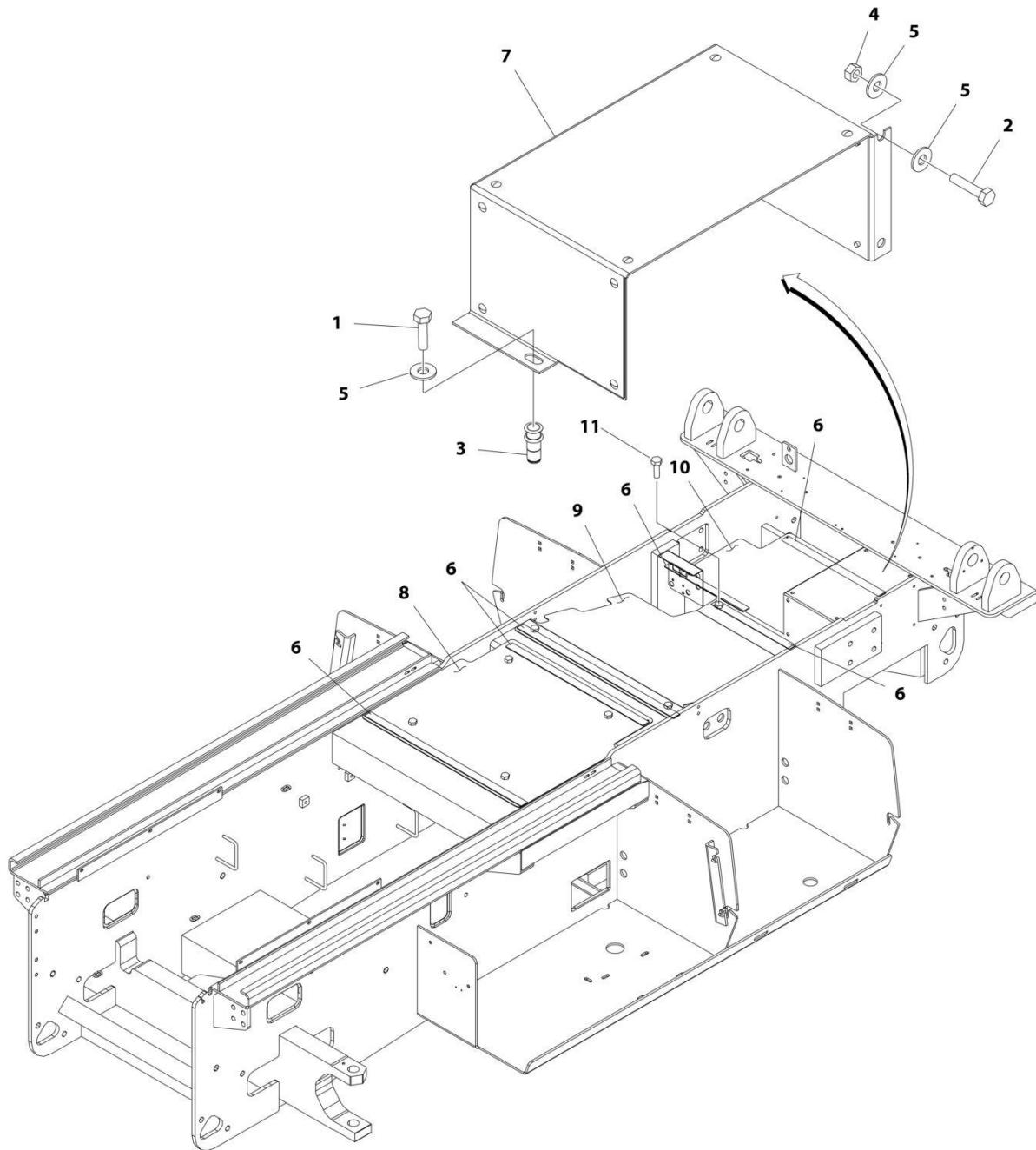
## SECTION 1 - FRAME

**FIGURE 1-40. FRAME COVER INSTALLATION (STANDARD)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001165824	Ref	FRAME COVER INSTALLATION (STANDARD)	C
1	0641408	1	Bolt 1/4 x 1	
4	2080052	1	Fastener 1/4	
5	3311405	2	Nut 1/4	
6	4751400	5	Washer 1/4	
7	1001165628	1	Cover	
11	0641410	2	Bolt 1/4 x 1-1/4	

## SECTION 1 - FRAME

FIGURE 1-41. FRAME COVER INSTALLATION (4069LE/M4069) (HOSTILE ENVIRONMENT)



ART\_1001207524

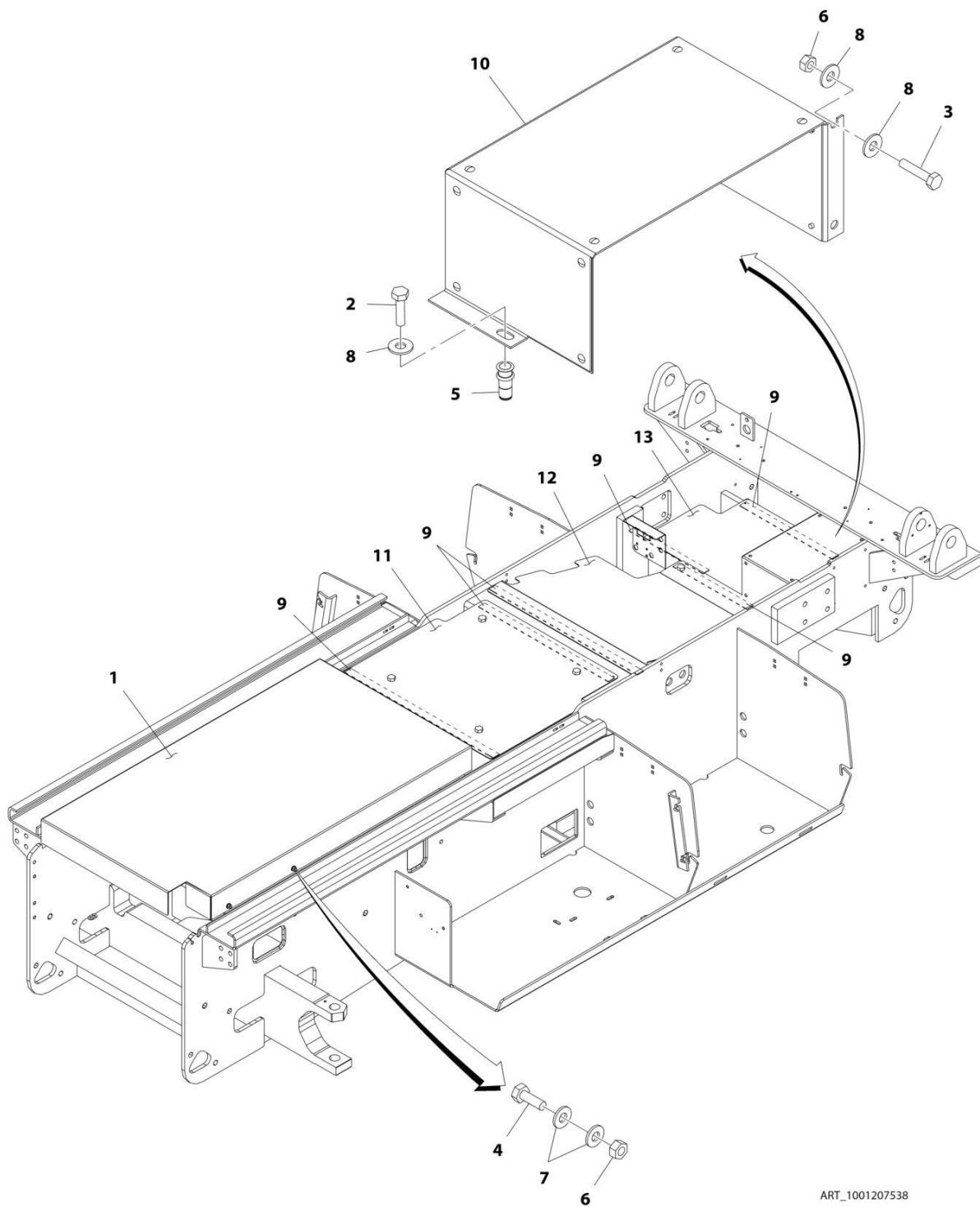
## SECTION 1 - FRAME

**FIGURE 1-41. FRAME COVER INSTALLATION (4069LE/M4069) (HOSTILE ENVIRONMENT)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207524	Ref	FRAME COVER INSTALLATION (HOSTILE ENVIRONMENT)	
1	0641408	8	Bolt 1/4 x 1	
2	0641410	2	Bolt 1/4 x 1-1/4	
3	2080052	8	Fastener 1/4	
4	3311405	3	Nut 1/4	
5	4751400	14	Washer 1/4	
6	1001104090	8.5 ft /2.6m	Tape	
7	1001165628	1	Cover	
8	1001207527	1	Cover	
9	1001207528	1	Cover	
10	1001207529	1	Cover	
11	0641406	1	Bolt 1/4 x 3/4	

## SECTION 1 - FRAME

FIGURE 1-42. FRAME COVER INSTALLATION (3369LE/M3369) (HOSTILE ENVIRONMENT)



ART\_1001207538

## SECTION 1 - FRAME

**FIGURE 1-42. FRAME COVER INSTALLATION (3369LE/M3369) (HOSTILE ENVIRONMENT)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207538	Ref	FRAME COVER INSTALLATION (3369LE/M3369) (HOSTILE ENVIRONMENT)	
1	1670990	1	Cover	
2	0641408	8	Bolt 1/4 x 1	
3	0641410	2	Bolt 1/4 x 1-1/4	
4	0641406	5	Bolt 1/4 x 3/4	
5	2080052	8	Fastener 1/4	
6	3311405	7	Nut 1/4	
7	4711400	8	Washer 1/4	
8	4751400	14	Washer 1/4	
9	1001104090	8.5 ft /2.6m	Tape ( <b>Prior to SN 0200261628</b> )	
10	1001165628	1	Cover	
11	1001207527	1	Cover	
12	1001207528	1	Cover	
13	1001207529	1	Cover	

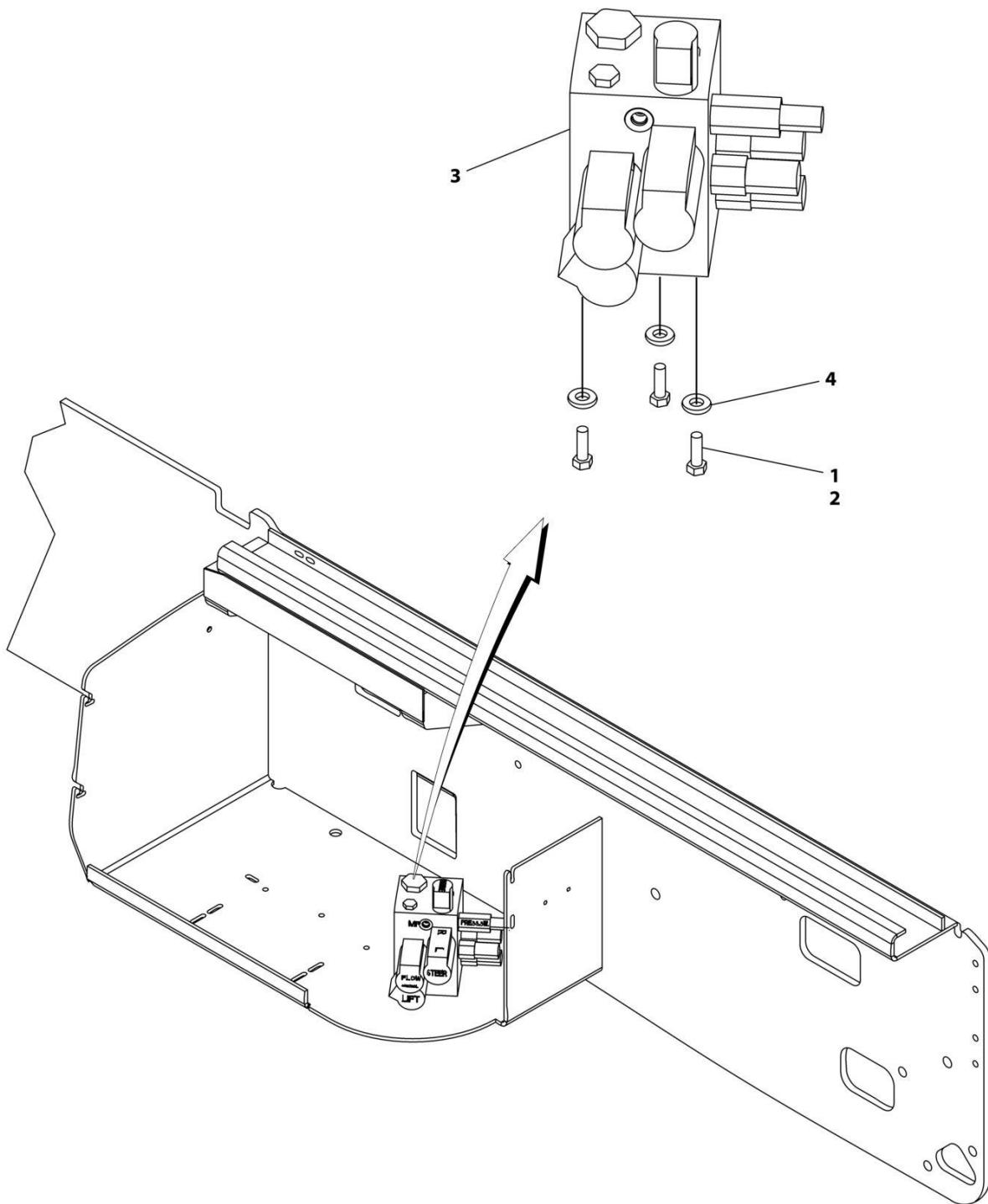


## **SECTION 2 - GROUND COMPONENTS**

### **SECTION 2 - GROUND COMPONENTS**

## SECTION 2 - GROUND COMPONENTS

FIGURE 2-1. MAIN CONTROL VALVE INSTALLATION



ART\_0270692

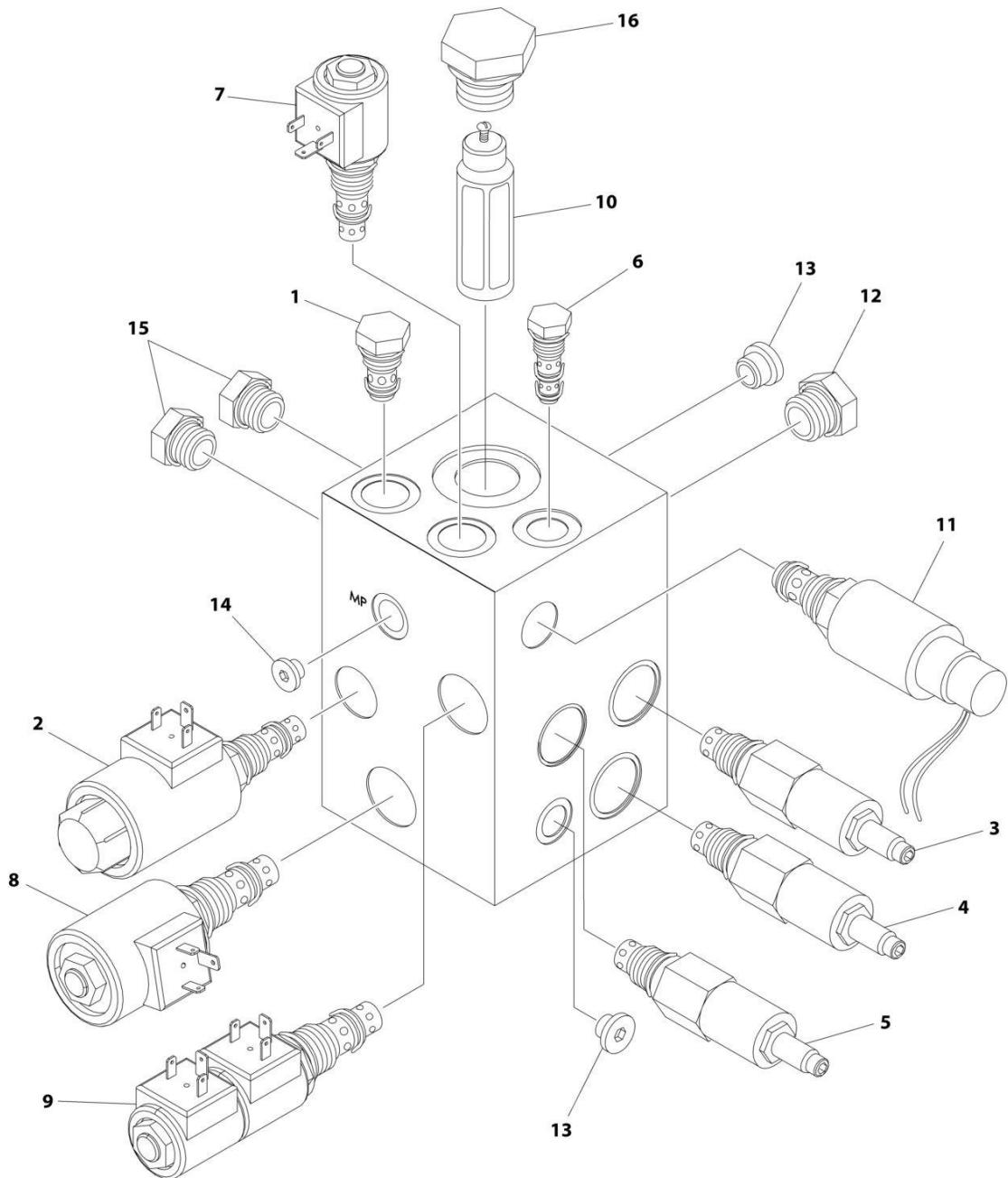
## SECTION 2 - GROUND COMPONENTS

**FIGURE 2-1. MAIN CONTROL VALVE INSTALLATION**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	0270692	Ref	MAIN CONTROL VALVE INSTALLATION	C
2	0100011	Ref	Compound, Locking	
3	0641508	3	Bolt 5/16 x 1	
3	4641178	1	Main Control Valve Assembly (See Separate Breakdown in this Section)	
4	4891600	3	Washer 3/8	

## SECTION 2 - GROUND COMPONENTS

FIGURE 2-2. MAIN CONTROL VALVE ASSEMBLY



ART\_4641178

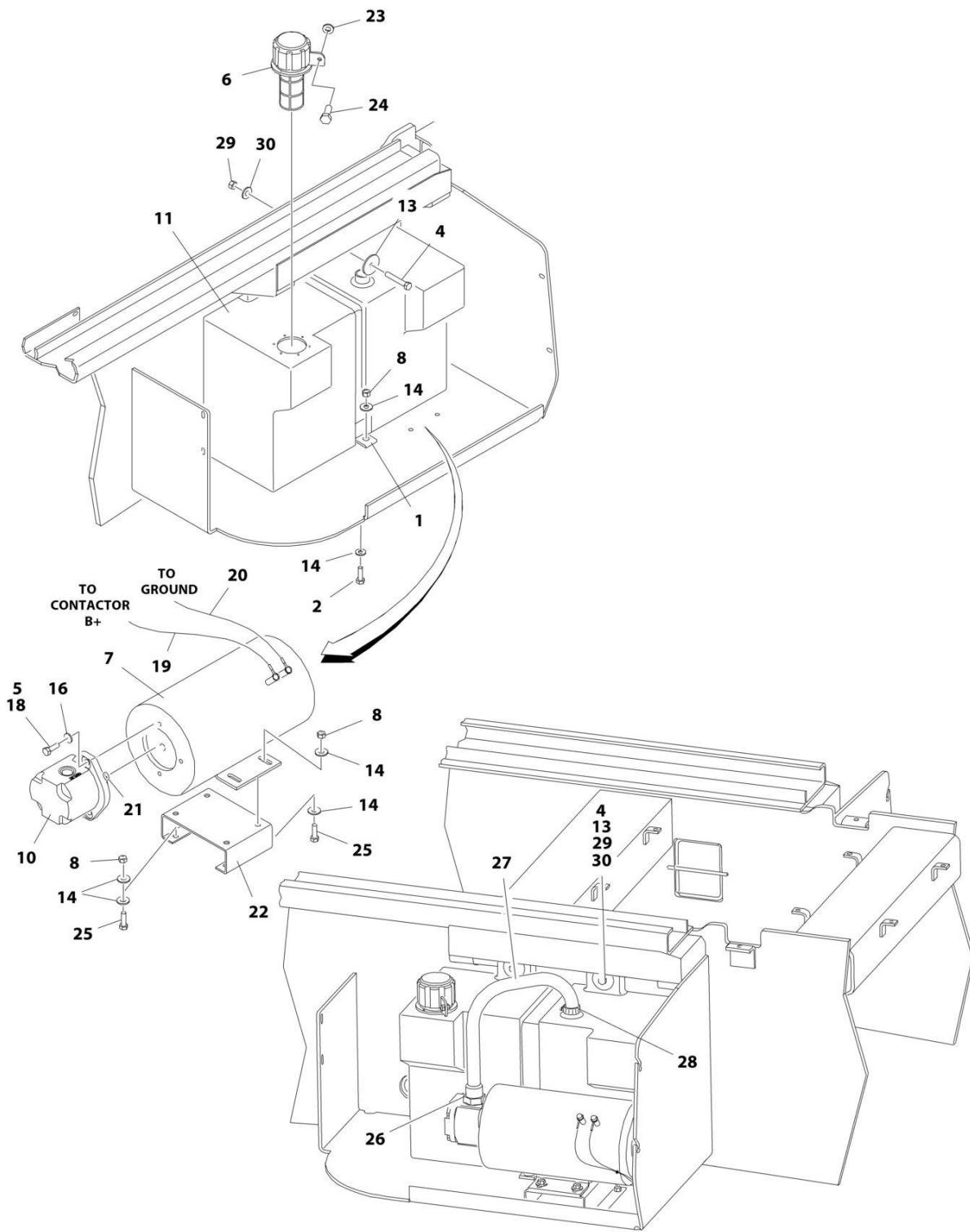
## SECTION 2 - GROUND COMPONENTS

**FIGURE 2-2. MAIN CONTROL VALVE ASSEMBLY**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4641178	Ref	MAIN CONTROL VALVE ASSEMBLY	
1	7022391	1	Cartridge, Check (Brake)	
1	7012967	1	Seal Kit - 7022391 Cartridge	
2	7023904	1	Cartridge, Solenoid (Flow Control) (Cartridge Only)	
2	7012518	1	Seal Kit - 7023904 Cartridge	
2	7017451	1	Coil	
3	70006422	1	Cartridge, Relief (Main)	
3	7017496	1	Seal Kit - 70006422 Cartridge	
4	70006423	1	Cartridge, Relief (Lift)	
4	7017496	1	Seal Kit - 70006423 Cartridge	
5	7017428	1	Cartridge, Relief (Steer)	
5	7012998	1	Seal Kit - 7017428 Cartridge	
6	10837580	1	Cartridge, Shuttle (Steer)	
6	7010543	1	Seal Kit - 10837580 Cartridge	
7	7012941	1	Cartridge, Solenoid (Brake) (Cartridge Only)	
7	7010543	1	Seal Kit - 7012941 Cartridge	
7	7012944	1	Coil	
8	7022394	1	Cartridge, Solenoid (Lift) (Cartridge Only)	
8	7012518	1	Seal Kit - 7022394 Cartridge	
8	7012943	1	Coil	
9	7017433	1	Cartridge, Check (Steer) (Cartridge Only)	
9	7017402	1	Seal Kit - 7017433 Cartridge	
9	7012944	2	Coil	
10	7021616	1	Cartridge, Filter	
11	7021619	1	Cartridge, Pressure Switch	
12	7024832	1	Plug	
13	70006424	2	Plug	
14	70005833	1	Plug	
15	2220883	2	Plug	
16	2220885	1	Plug	

## SECTION 2 - GROUND COMPONENTS

FIGURE 2-3. HYDRAULIC COMPARTMENT INSTALLATION



ART\_0270518

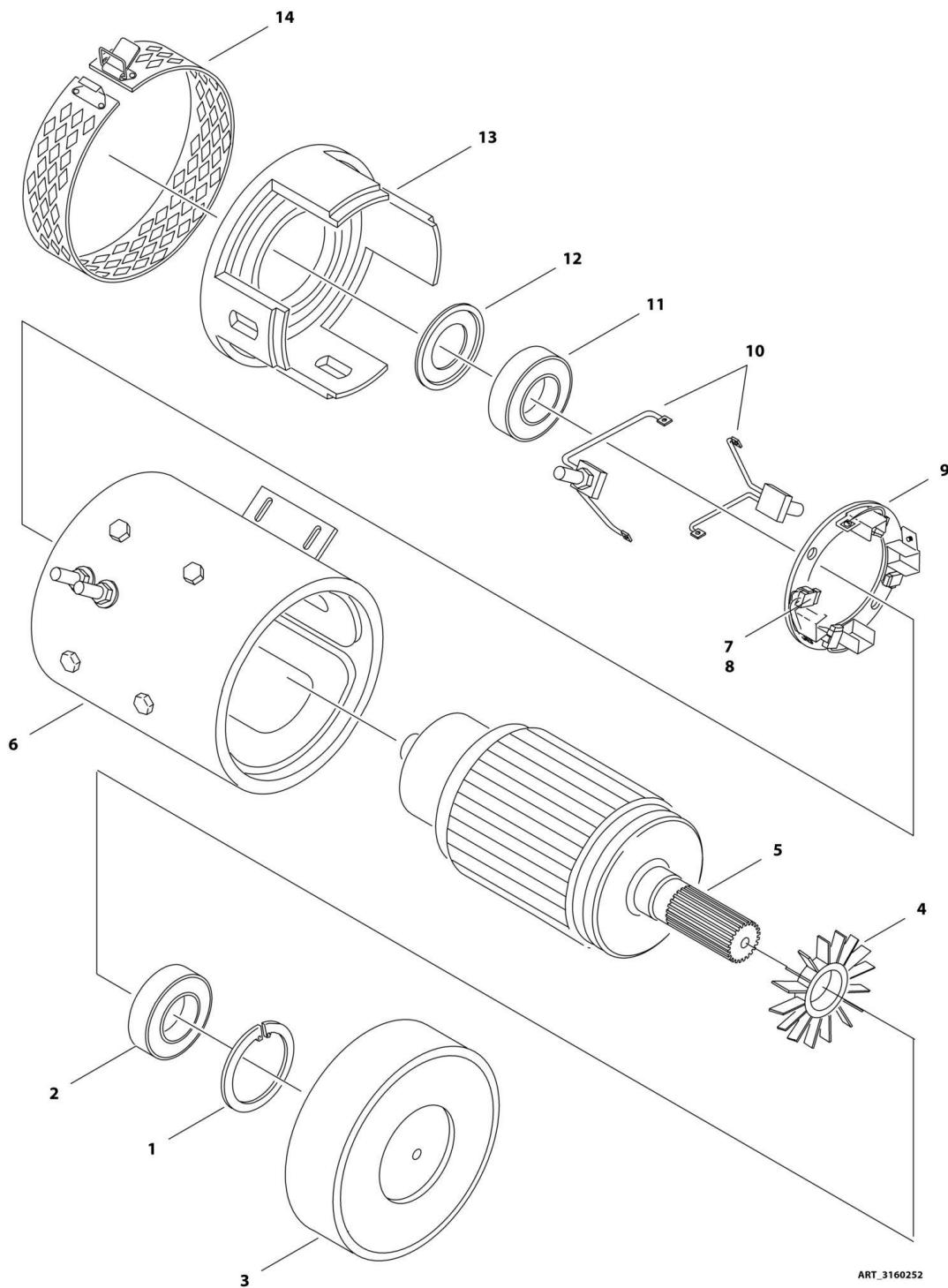
## SECTION 2 - GROUND COMPONENTS

**FIGURE 2-3. HYDRAULIC COMPARTMENT INSTALLATION**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270518	Ref	HYDRAULIC COMPARTMENT INSTALLATION	I
1	0182014	1	Angle	
2	0641507	1	Bolt 5/16 x 7/8	
4	0641618	2	Bolt 3/8 x 2-1/4	
5	0700812	2	Bolt M8 x 25	
6	1120534	1	Cap/Breather	
7	3160252	1	Motor Assembly (See Separate Breakdown in this Section)	
8	3311505	9	Nut 5/16	
10	3600367	1	Pump Assembly	
10	7024960	1	Seal Kit (Note: If repairs beyond seal kit are required, replace complete pump)	
11	4400433	1	Tank, Hydraulic	
13	4740076	2	Washer	
14	4751500	10	Washer 5/16	
16	4891500	2	Washer 5/16	
18	0100011	AR	Compound, Locking	
19	1060900	1	Cable, Contactor (B+ to Pump)	
20	1060901	1	Cable, Contactor (Pump to Ground)	
22	0902701	1	Bracket, Pump/Motor	
23	3311401	1	Nut 1/4	
24	0641404	1	Bolt 1/4 x 1/2	
25	0641506	8	Bolt 5/16 x 3/4	
26	2220377	1	Fitting, Straight JIC/ORB	
27	4568203	1	Tube	
28	1320033	1	Clamp	
29	3311605	2	Nut 3/8	
30	4711600	2	Washer 3/8	

## SECTION 2 - GROUND COMPONENTS

FIGURE 2-4. MOTOR ASSEMBLY



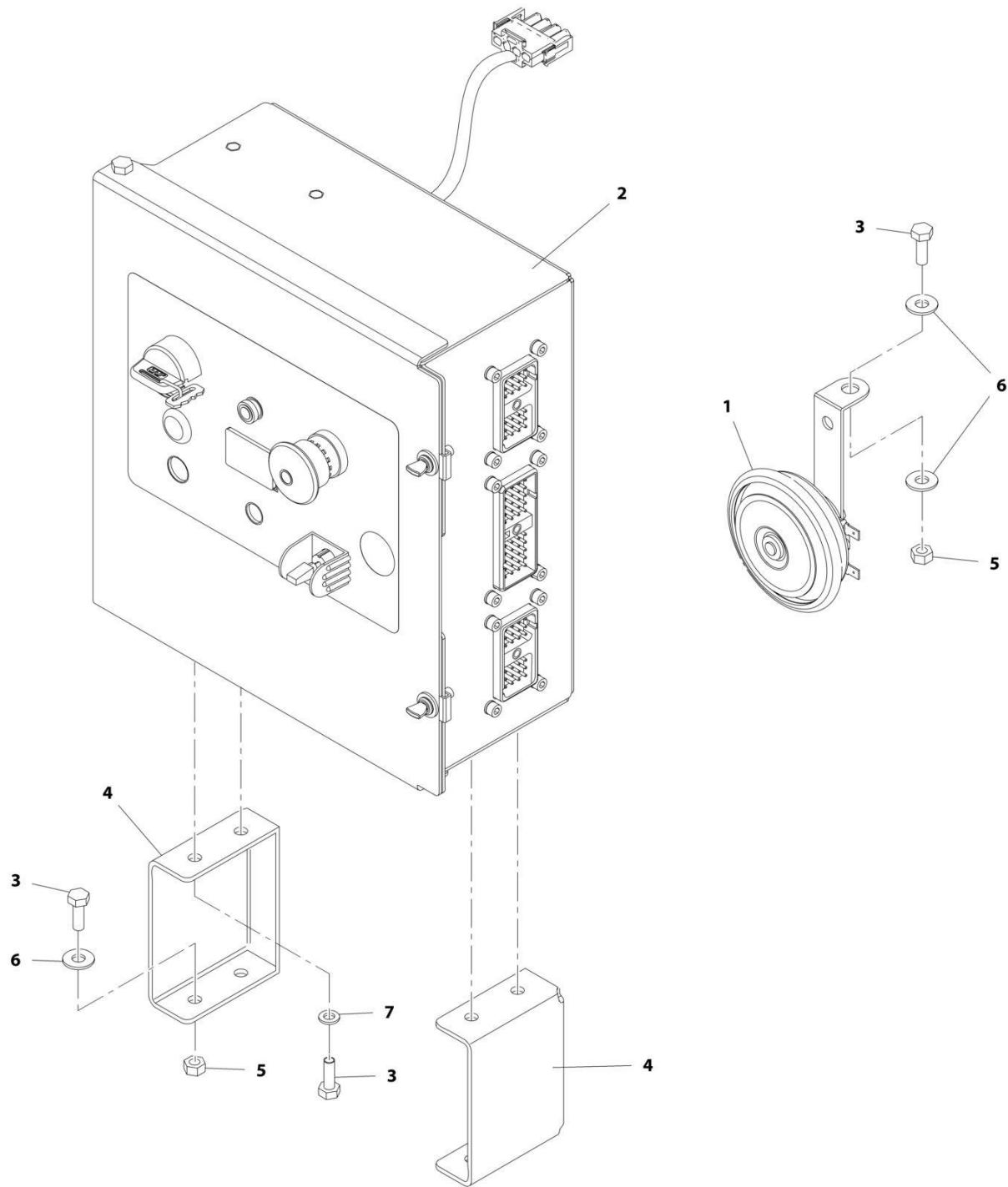
## SECTION 2 - GROUND COMPONENTS

FIGURE 2-4. MOTOR ASSEMBLY

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

## SECTION 2 - GROUND COMPONENTS

FIGURE 2-5. GROUND CONTROL BOX AND HORN INSTALLATIONS - 3369LE/4069LE WITHOUT LEVELING JACKS (ALL SPECS EXCEPT CE SPEC)



ART\_1001167499

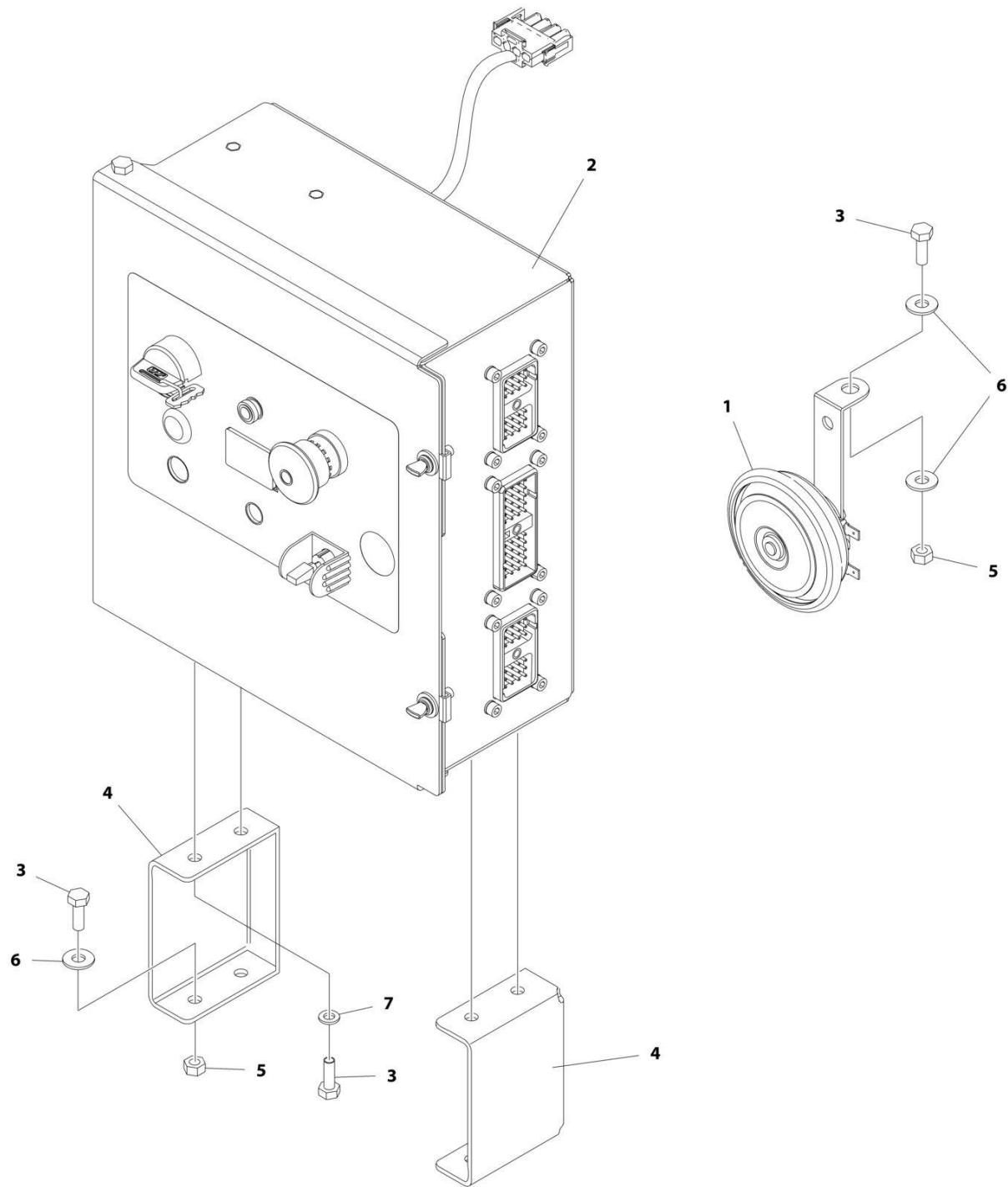
## SECTION 2 - GROUND COMPONENTS

**FIGURE 2-5. GROUND CONTROL BOX AND HORN INSTALLATIONS - 3369LE/4069LE WITHOUT LEVELING JACKS (ALL SPECS EXCEPT CE SPEC)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167499	Ref	GROUND CONTROL BOX AND HORN INSTALLATIONS - 3369LE/4069LE WITHOUT LEVELING JACKS (ALL SPECS EXCEPT CE SPEC)	E
1	0140028	1	Alarm	
2	0270544	1	Ground Control Box Assembly (See GROUND CONTROL BOX ASSEMBLY - 3369LE & 4069LE (ALL SPECS EXCEPT CE SPEC) for Breakdown)	
3	0641406	10	Bolt 1/4 x 3/4	
4	0902696	2	Bracket	
5	3311405	5	Nut 1/4	
6	4751400	6	Washer 1/4	
7	4761400	6	Washer 1/4	
8	1001171103	1	Valve Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
9	3311401	1	Nut 1/4 (Not Shown) ( <b>SN 0200242101 through 0200266243</b> )	
9	3311401	1	Nut 1/4 (Not Shown) ( <b>SN M200000100 through M200039307</b> )	
10	4460234	1	Terminal, Mount (Not Shown) ( <b>SN M200016776 through M200039307</b> )	

## SECTION 2 - GROUND COMPONENTS

FIGURE 2-6. GROUND CONTROL BOX AND HORN INSTALLATIONS - 3369LE/4069LE WITHOUT LEVELING JACKS (CE SPEC)



ART\_1001167501

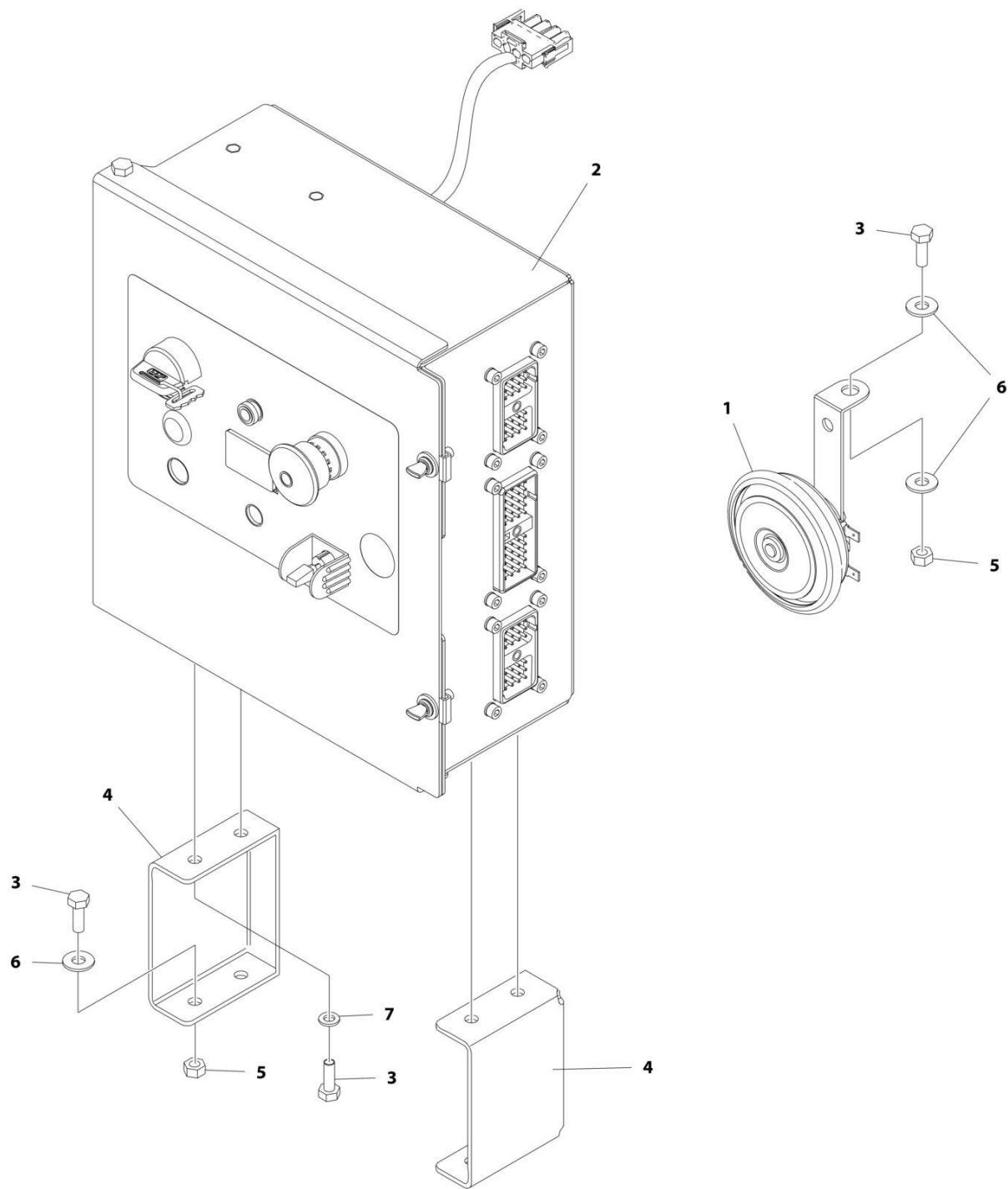
## SECTION 2 - GROUND COMPONENTS

**FIGURE 2-6. GROUND CONTROL BOX AND HORN INSTALLATIONS - 3369LE/4069LE WITHOUT LEVELING JACKS (CE SPEC)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167501	Ref	GROUND CONTROL BOX AND HORN INSTALLATIONS	
1	0140028	1	Alarm	
2	0270768	1	Ground Control Box Assembly (See Separate Breakdown in this Section)	
3	0641406	9	Bolt 1/4 x 3/4	
4	0902696	2	Bracket	
5	3311405	5	Nut 1/4	
6	4751400	6	Washer 1/4	
7	4761400	4	Washer 1/4	
8	1001171103	1	Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	

## SECTION 2 - GROUND COMPONENTS

FIGURE 2-7. GROUND CONTROL BOX AND HORN INSTALLATIONS - 3369LE/4069LE WITH LEVELING JACKS (ALL SPECS EXCEPT CE SPEC)



ART\_1001167500

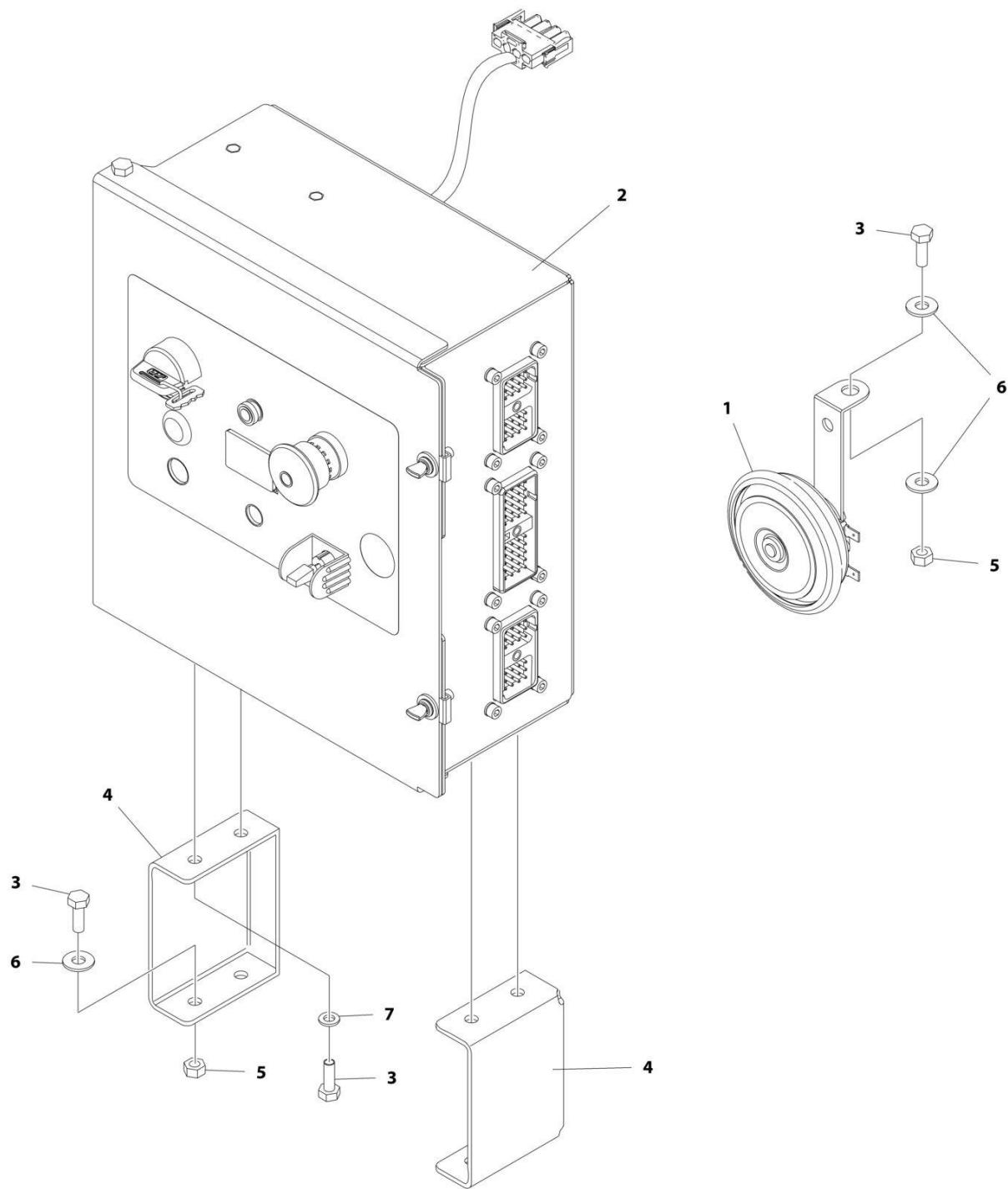
## SECTION 2 - GROUND COMPONENTS

**FIGURE 2-7. GROUND CONTROL BOX AND HORN INSTALLATIONS - 3369LE/4069LE WITH  
LEVELING JACKS (ALL SPECS EXCEPT CE SPEC)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167500	Ref	GROUND CONTROL BOX AND HORN INSTALLATIONS	
1	0140028	1	Alarm	
2	0270544	1	Ground Control Box Assembly (See Separate Breakdown in this Section)	
3	0641406	9	Bolt 1/4 x 3/4	
4	0902696	2	Bracket	
5	3311405	5	Nut 1/4	
6	4751400	6	Washer 1/4	
7	4761400	4	Washer 1/4	
8	4922529	1	Leveling Jacks Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
9	1001171103	1	Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	C

## SECTION 2 - GROUND COMPONENTS

FIGURE 2-8. GROUND CONTROL BOX AND HORN INSTALLATIONS - 3369LE/4069LE WITH LEVELING JACKS (CE SPEC)



ART\_1001167502

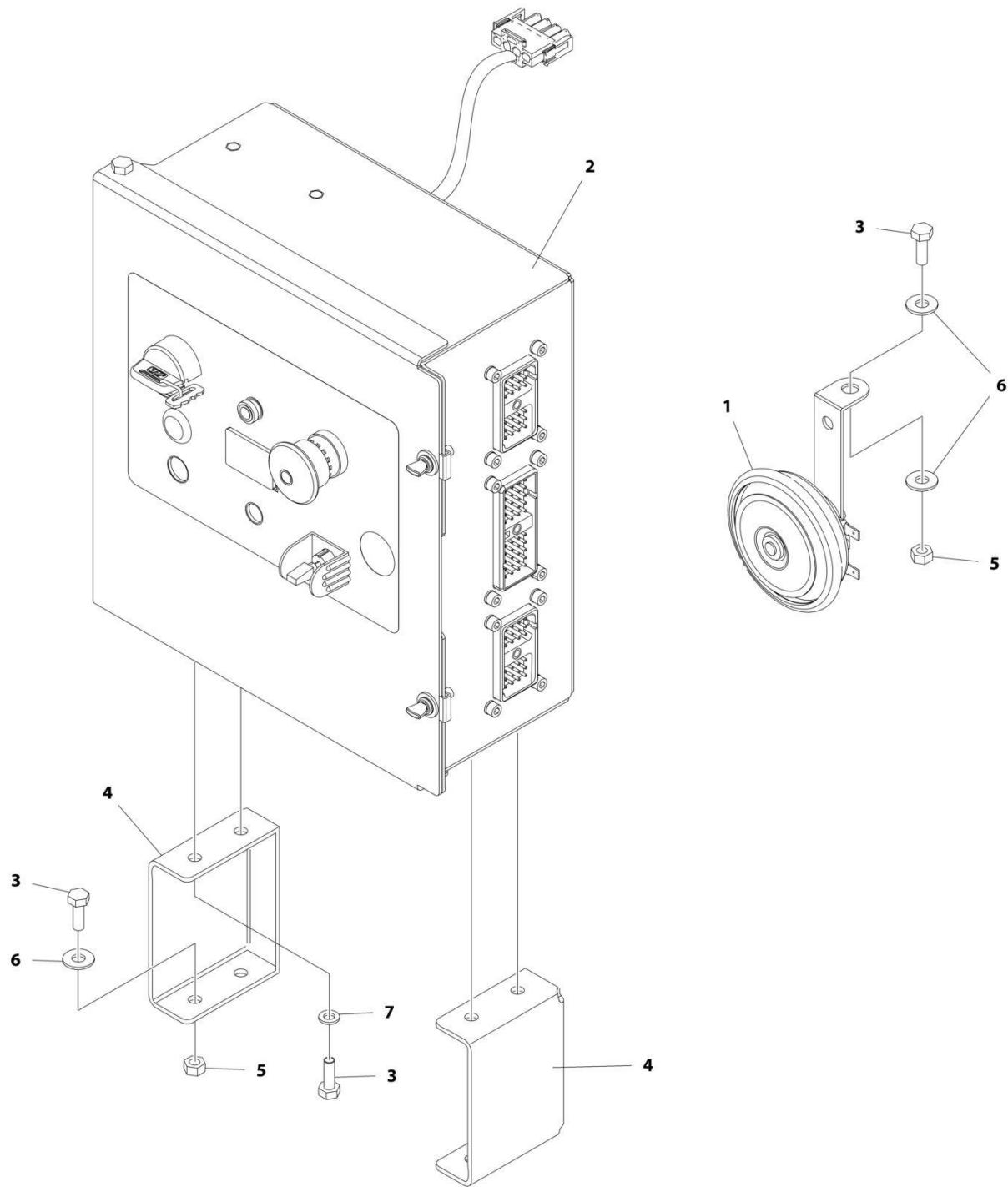
## SECTION 2 - GROUND COMPONENTS

**FIGURE 2-8. GROUND CONTROL BOX AND HORN INSTALLATIONS - 3369LE/4069LE WITH  
LEVELING JACKS (CE SPEC)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167502	Ref	GROUND CONTROL BOX AND HORN INSTALLATIONS	
1	0140028	1	Alarm	
2	0270768	1	Ground Control Box Assembly (See Separate Breakdown in this Section)	
3	0641406	9	Bolt 1/4 x 3/4	
4	0902696	2	Bracket	
5	3311405	5	Nut 1/4	
6	4751400	6	Washer 1/4	
7	4761400	4	Washer 1/4	
8	4922529	1	Leveling Jacks Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
9	1001171103	1	Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	D

## SECTION 2 - GROUND COMPONENTS

FIGURE 2-9. GROUND CONTROL BOX AND HORN INSTALLATIONS - M3369/M4069 (2WD - ALL SPECS EXCEPT CE SPEC)



ART\_1001171072

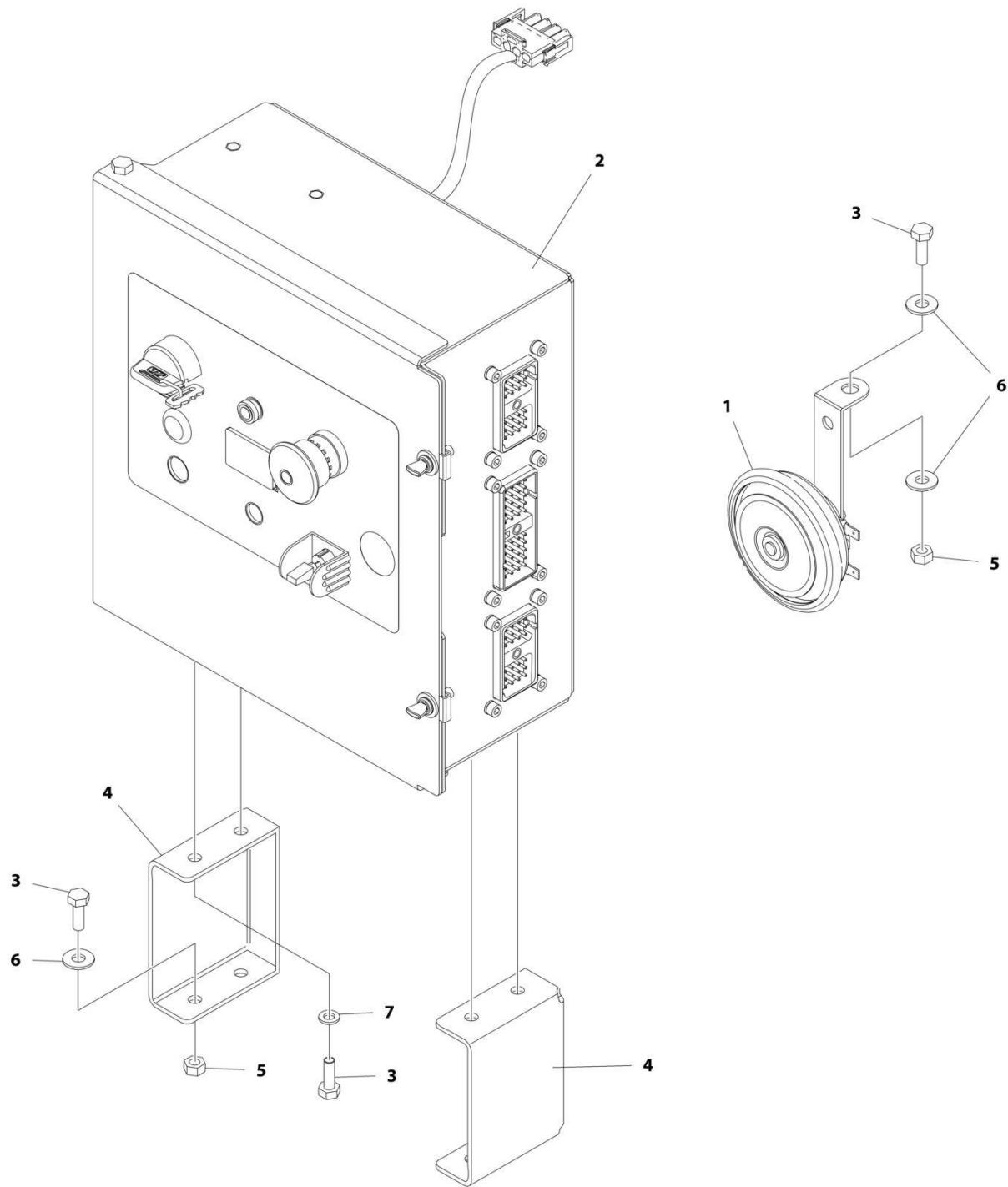
## SECTION 2 - GROUND COMPONENTS

**FIGURE 2-9. GROUND CONTROL BOX AND HORN INSTALLATIONS - M3369/M4069 (2WD - ALL SPECS EXCEPT CE SPEC)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171072	Ref	GROUND CONTROL BOX AND HORN INSTALLATIONS	
1	0140028	1	Alarm	
2	0271442	1	Ground Control Box Assembly (See Separate Breakdown in this Section)	
3	0641406	9	Bolt 1/4 x 3/4	
4	0902696	2	Bracket	
5	3311405	5	Nut 1/4	
6	4751400	6	Washer 1/4	
7	4761400	4	Washer 1/4	
8	4922602	1	Generator Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
9	1001171103	1	Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	C

## SECTION 2 - GROUND COMPONENTS

FIGURE 2-10. GROUND CONTROL BOX AND HORN INSTALLATIONS - M3369/M4069 (2WD - CE SPEC)



ART\_1001171073

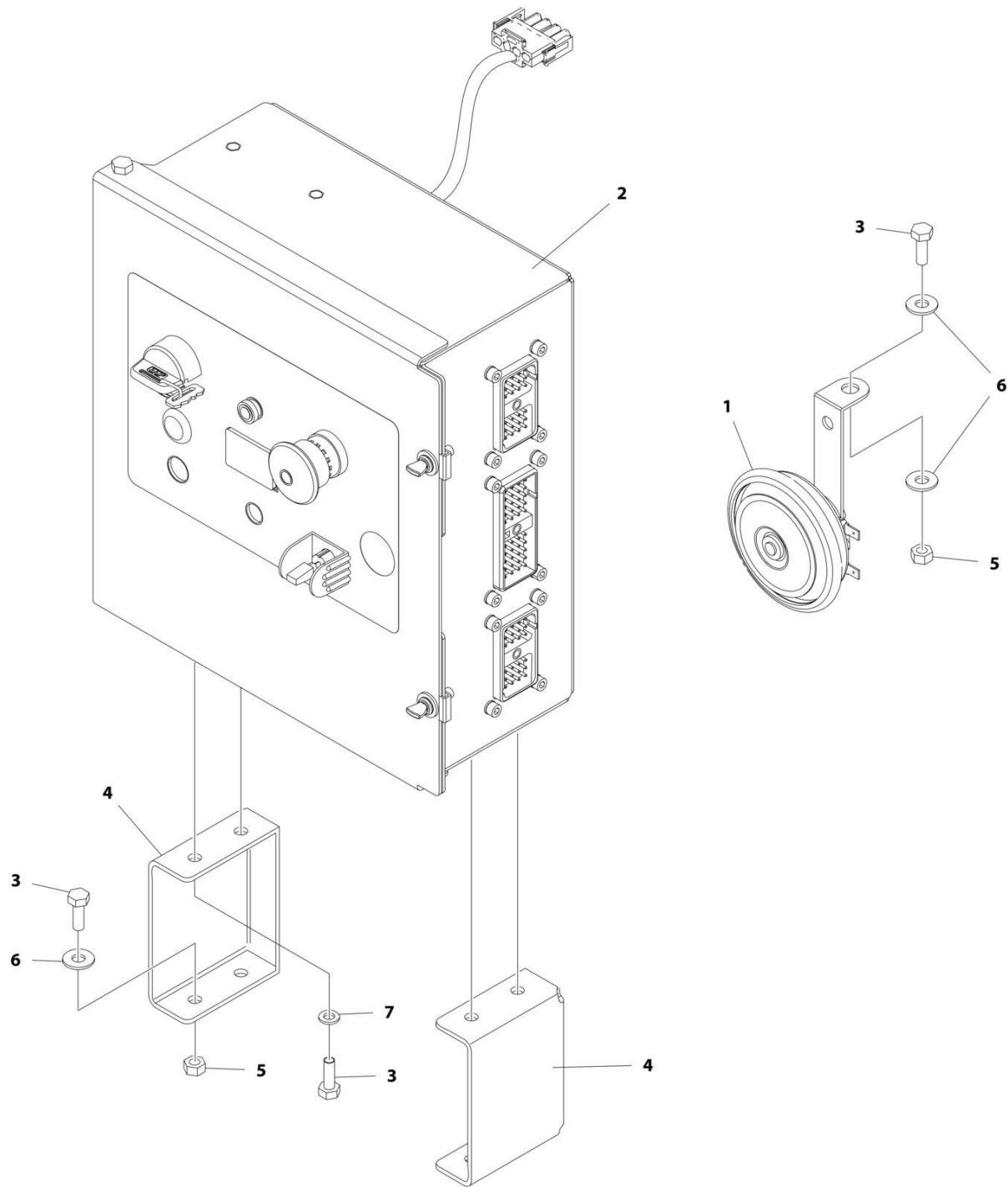
## SECTION 2 - GROUND COMPONENTS

**FIGURE 2-10. GROUND CONTROL BOX AND HORN INSTALLATIONS - M3369/M4069 (2WD - CE SPEC)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171073	Ref	GROUND CONTROL BOX AND HORN INSTALLATIONS	
1	0140028	1	Alarm	
2	0271447	1	Ground Control Box Assembly (See Separate Breakdown in this Section)	
3	0641406	9	Bolt 1/4 x 3/4	
4	0902696	2	Bracket	
5	3311405	5	Nut 1/4	
6	4751400	6	Washer 1/4	
7	4761400	4	Washer 1/4	
8	4922602	1	Generator Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
9	1001171103	1	Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	D

## SECTION 2 - GROUND COMPONENTS

FIGURE 2-11. GROUND CONTROL BOX AND HORN INSTALLATIONS - M3369/M4069 (4WD - ALL SPECS EXCEPT CE SPEC)



ART\_1001171070

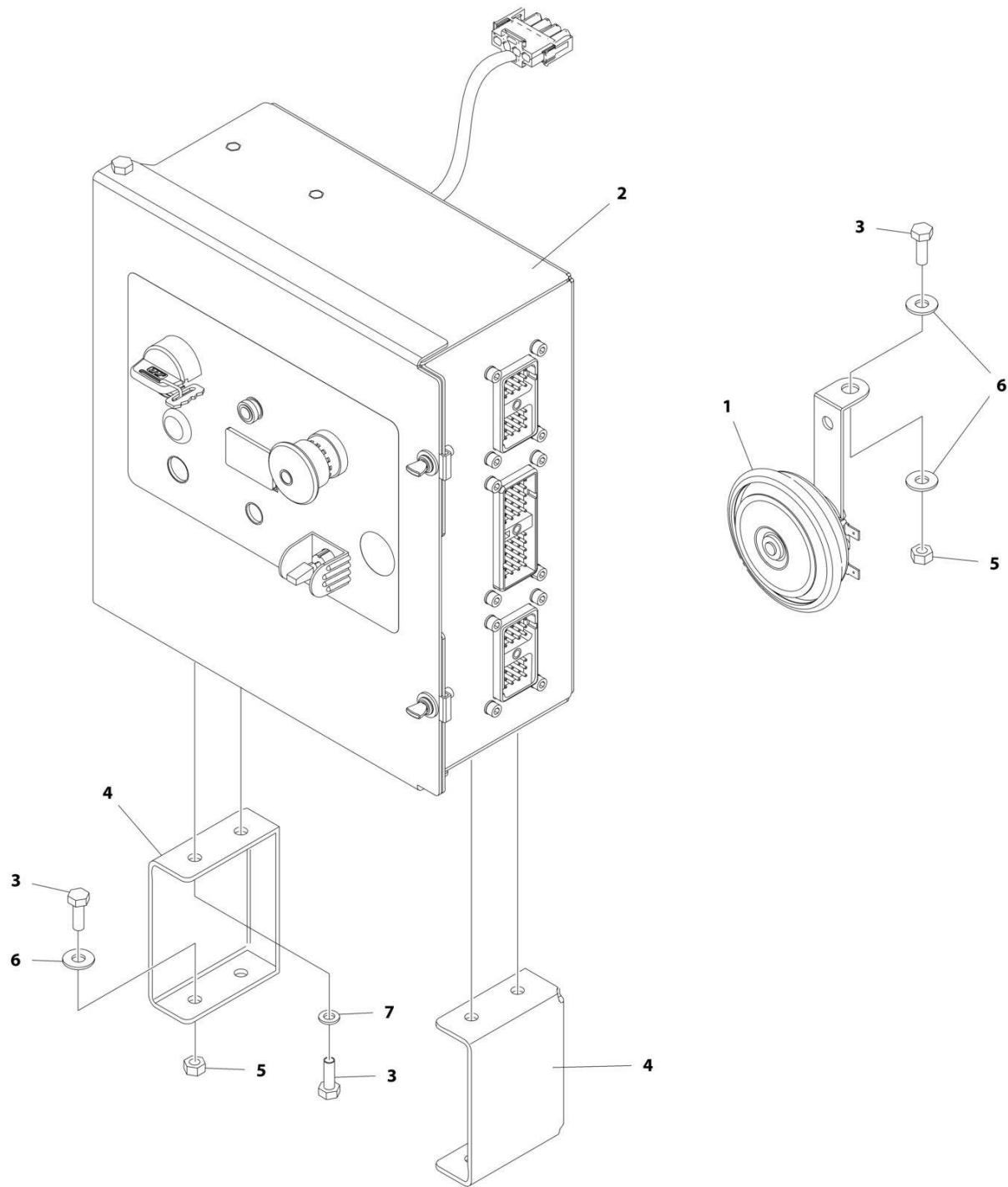
## SECTION 2 - GROUND COMPONENTS

**FIGURE 2-11. GROUND CONTROL BOX AND HORN INSTALLATIONS - M3369/M4069 (4WD - ALL SPECS EXCEPT CE SPEC)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171070	Ref	GROUND CONTROL BOX AND HORN INSTALLATIONS	
1	0140028	1	Alarm	
2	0271442	1	Ground Control Box Assembly (See Separate Breakdown in this Section)	
3	0641406	10	Bolt 1/4 x 3/4	
4	0902696	2	Bracket	
5	3311405	5	Nut 1/4	
6	4751400	6	Washer 1/4	
7	4761400	6	Washer 1/4	
8	4922529	1	Leveling Jacks Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
9	1001171103	1	Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
10	3311401	1	Nut 1/4 (Not Shown)	

## SECTION 2 - GROUND COMPONENTS

FIGURE 2-12. GROUND CONTROL BOX AND HORN INSTALLATIONS - M3369/M4069 (4WD - CE SPEC)



ART\_1001171071

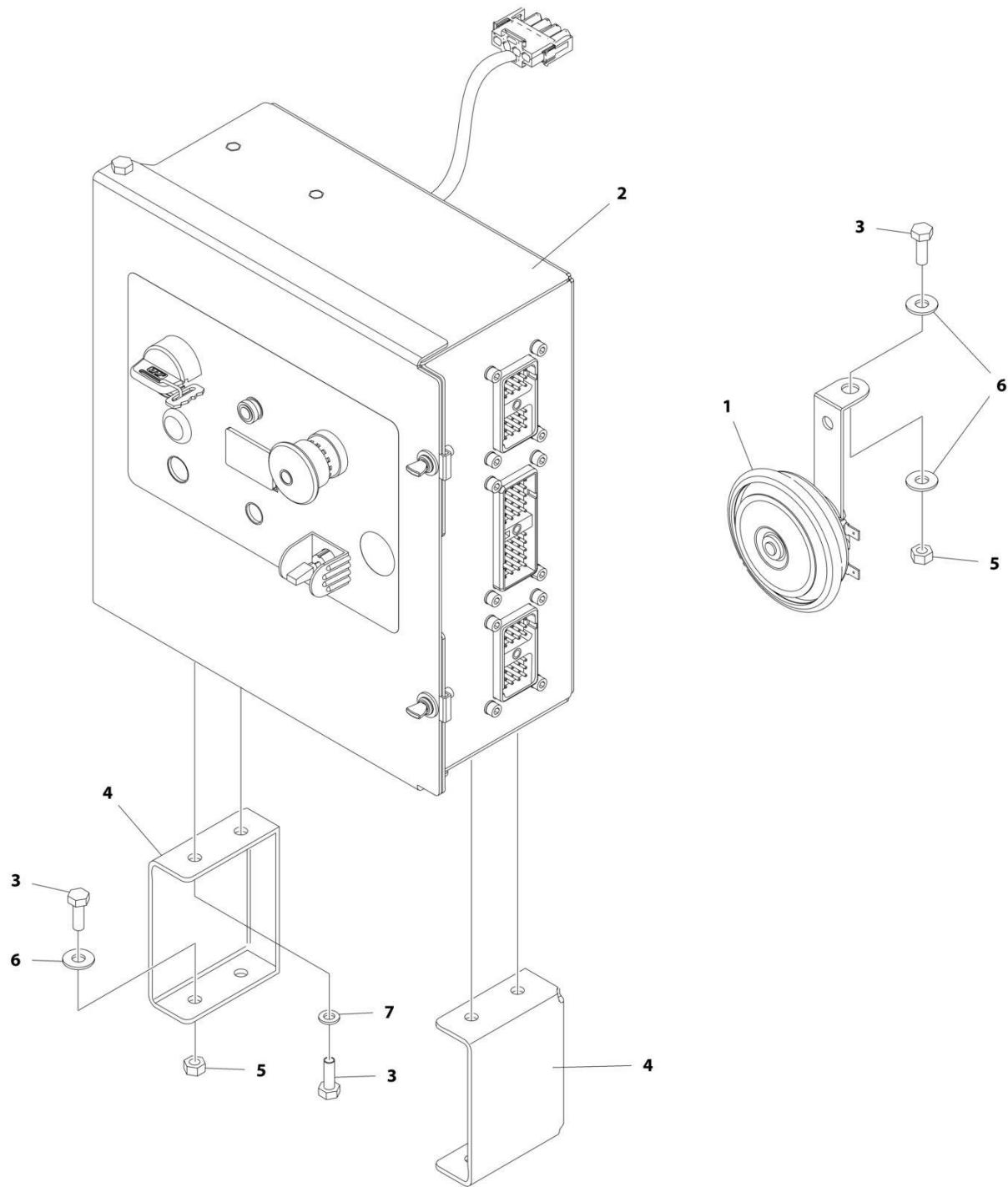
## SECTION 2 - GROUND COMPONENTS

**FIGURE 2-12. GROUND CONTROL BOX AND HORN INSTALLATIONS - M3369/M4069 (4WD - CE SPEC)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171071	Ref	GROUND CONTROL BOX AND HORN INSTALLATIONS	
1	0140028	1	Alarm	
2	0271447	1	Ground Control Box Assembly (See Separate Breakdown in this Section)	
3	0641406	9	Bolt 1/4 x 3/4	
4	0902696	2	Bracket	
5	3311405	5	Nut 1/4	
6	4751400	6	Washer 1/4	
7	4761400	4	Washer 1/4	
8	4922529	1	Leveling Jacks Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
9	1001171103	1	Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	D

## SECTION 2 - GROUND COMPONENTS

FIGURE 2-13. GROUND CONTROL BOX AND HORN INSTALLATIONS - M4069 (DRIVE AT FULL HEIGHT)



ART\_1001171074

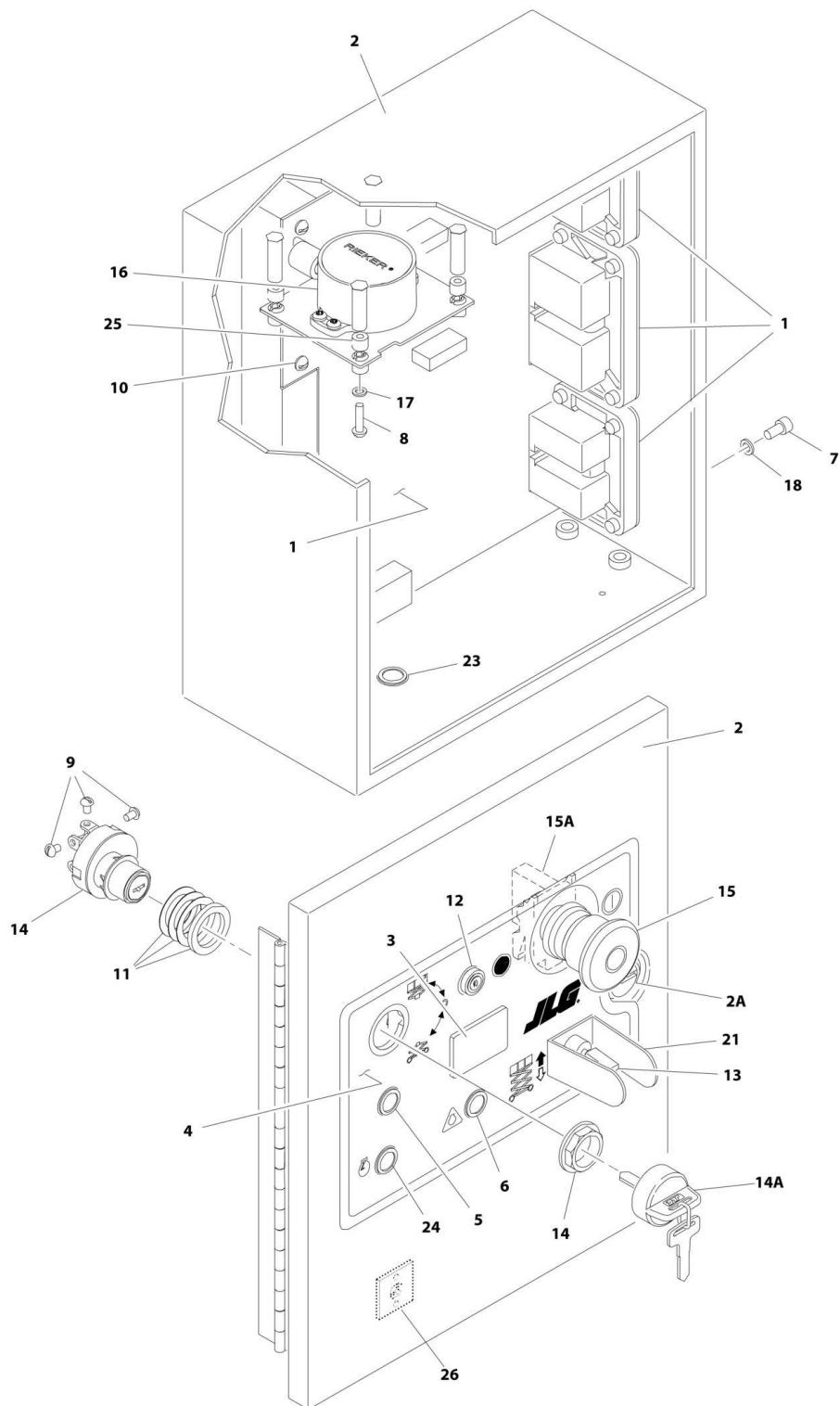
## SECTION 2 - GROUND COMPONENTS

**FIGURE 2-13. GROUND CONTROL BOX AND HORN INSTALLATIONS - M4069 (DRIVE AT FULL HEIGHT)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171074	Ref	GROUND CONTROL BOX AND HORN INSTALLATIONS - M4069 (DRIVE AT FULL HEIGHT) (NOTE: ONLY AVAILABLE ON AUSTRALIAN SPEC MACHINES)	C
1	0140028	1	Alarm	
2	0275787	1	Ground Control Box Assembly (See Separate Breakdown in this Section)	
3	0641406	9	Bolt 1/4 x 3/4	
4	0902696	2	Bracket	
5	3311405	5	Nut 1/4	
6	4751400	6	Washer 1/4	
7	4761400	4	Washer 1/4	
8	4922529	1	Leveling Jacks Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
9	1001171103	1	Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	

## SECTION 2 - GROUND COMPONENTS

FIGURE 2-14. GROUND CONTROL BOX ASSEMBLY - 3369LE/4069LE (ALL SPECS EXCEPT CE SPEC)



ART\_0270544

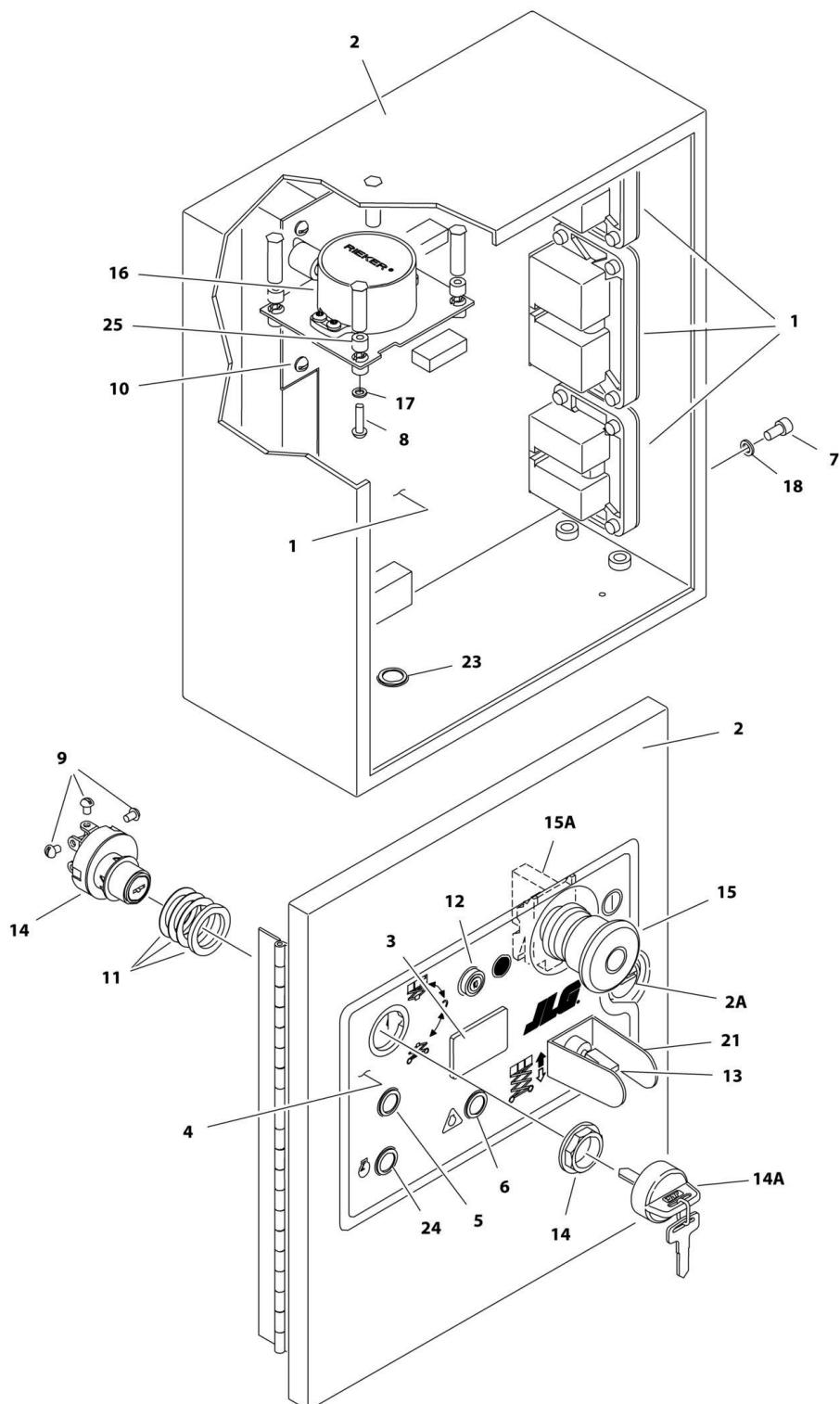
## SECTION 2 - GROUND COMPONENTS

**FIGURE 2-14. GROUND CONTROL BOX ASSEMBLY - 3369LE/4069LE (ALL SPECS EXCEPT CE SPEC)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270544	Ref	GROUND CONTROL BOX ASSEMBLY - 3369LE/4069LE (ALL SPECS EXCEPT CE SPEC)	Z
1	1001099428	NLA	Module, Control (Use p/n 1001155878) (Note: Re-calibration Required when Replaced)	
2	0861385	1	Box ( <b>SN 0200230092 through 0200243014</b> )	
2A	7023212	1	Latch ( <b>SN 0200230092 through 0200243014</b> )	
2	1001181087	1	Box (See GROUND CONTROL BOX COMPONENTS for Breakdown) ( <b>SN 0200243015 through 0200266243</b> )	
2	1001181087	1	Box (See GROUND CONTROL BOX COMPONENTS for Breakdown) ( <b>SN M200000100 through M200039307</b> )	
3	2420172	1	Hourmeter	
4	1705710	1	Nameplate	
5	3520193	1	Plug	
6	3520079	1	Plug	
7	3900300	12	Capscrew	
8	3910616	4	Screw #6 x 1	
9	3910804	3	Screw #8 x 1/4	
10	3911014	2	Screw #10 x 7/8 ( <b>SN 0200230092 through 0200243014</b> )	
10	3900128	2	Screw #10 x 7/8 ( <b>SN 0200243015 through 0200266243</b> )	
10	3900128	2	Screw #10 x 7/8 ( <b>SN M200000100 through M200039307</b> )	
11	4070987	3	Shim .015	
12	4360069	1	Breaker, Circuit - 10Amp	
13	4360328	1	Switch, Toggle	
14	4360469	1	Switch, Key	
14A	2860030	1 Set	Key, Replacement	
15	4360475	1	Switch, Emergency Stop	
15	7020175	1	Cap	
15A	7020176	1	Block, Contact	
16	1810140	1	Switch, Dual Axis	
16		Ref	Note: Control System Must be Re-calibrated when replaced.	
16	4460321	1	Plug, Male - 4 Position	
16	4460267	1	Pin, Male	
17	4760600	4	Washer #6	
18	4761000	14	Washer #10	
20	4922480	1	Harness, Ground Control Box (Not Shown - See ELECTRICAL SECTION for Breakdown)	
21	4060802	1	Guard, Switch	
23	3520030	1	Plug, Hole	
24	3520080	1	Plug, Hole	
25	1001102512	4	Washer	
26	4460234	4	Terminal, Mount	

## SECTION 2 - GROUND COMPONENTS

FIGURE 2-15. GROUND CONTROL BOX ASSEMBLY - 3369LE/4069LE (CE SPEC)



ART\_0270768

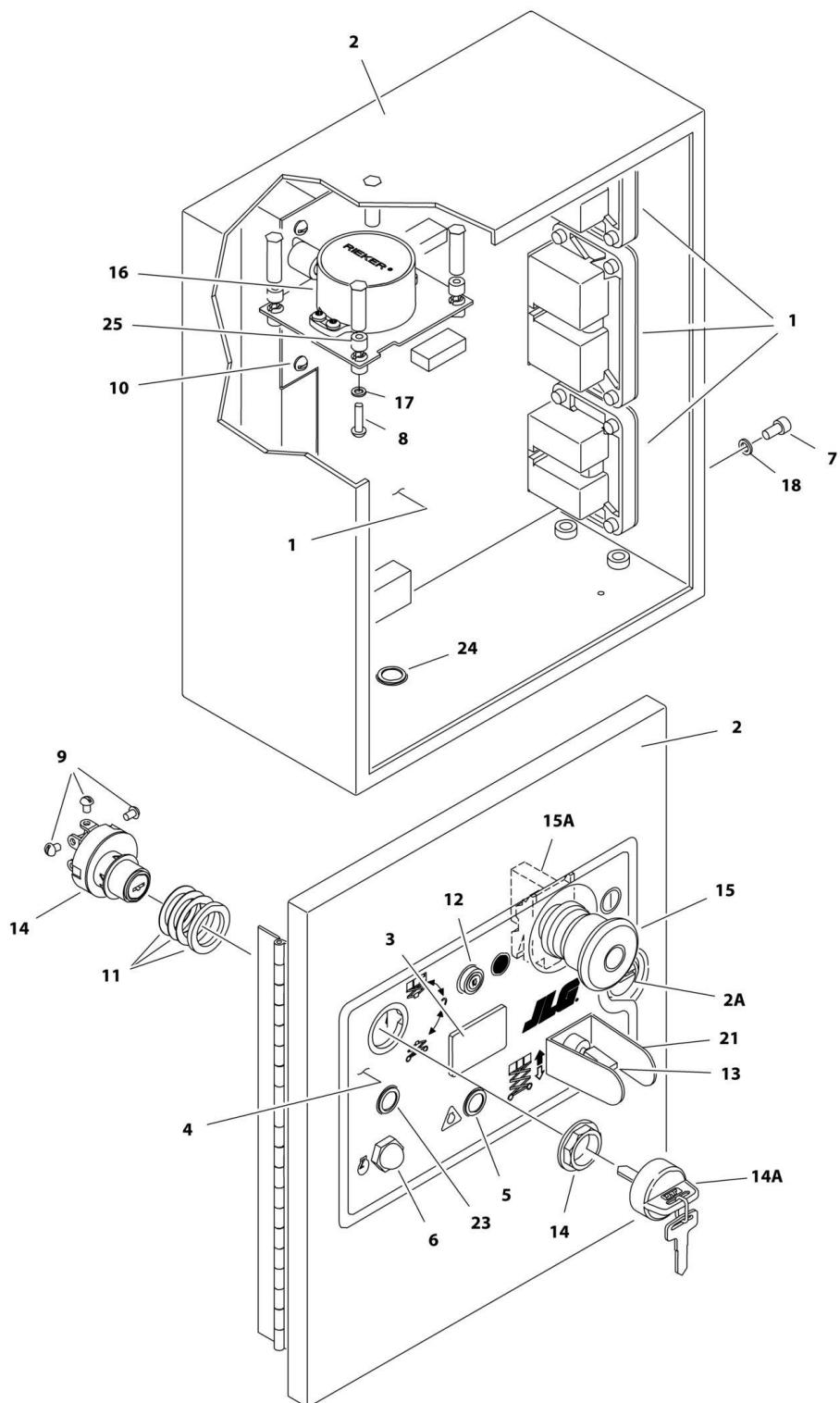
## SECTION 2 - GROUND COMPONENTS

**FIGURE 2-15. GROUND CONTROL BOX ASSEMBLY - 3369LE/4069LE (CE SPEC)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270768	Ref	GROUND CONTROL BOX ASSEMBLY - 3369LE/4069LE (CE SPEC)	
1	1001099428	NLA	Module, Control (Use p/n 1001155878) (Note: Re-calibration Required when Replaced) <b>Box (SN 0200230092 through 0200243014)</b>	
2	0861385	1	Latch ( <b>SN 0200230092 through 0200243014</b> )	
2A	7023212	1		
2	1001181087	1	Box (See GROUND CONTROL BOX COMPONENTS for Breakdown) ( <b>SN 0200243015 through 0200266243</b> )	
2	1001181087	1	Box (See GROUND CONTROL BOX COMPONENTS for Breakdown) ( <b>SN M200000100 through M200039307</b> )	
3	2420172	1	Hourmeter	
4	1705710	1	Nameplate	
5	3520193	1	Plug	
6	3520079	1	Plug	
7	3900300	12	Capscrew	
8	3910616	4	Screw #6 x 1	
9	3910804	3	Screw #8 x 1/4	
10	3911014	2	Screw #10 x 7/8 ( <b>SN 0200230092 through 0200243014</b> )	
10	3900128	2	Screw #10 x 7/8 ( <b>SN 0200243015 through 0200266243</b> )	
10	3900128	2	Screw #10 x 7/8 ( <b>SN M200000100 through M200039307</b> )	
11	4070987	3	Shim .015	
12	4360069	1	Breaker, Circuit - 10Amp	
13	4360328	1	Switch, Toggle	
14	4360469	1	Switch, Key	
14A	2860030	1 Set	Key, Replacement	
15	4360475	1	Switch, Emergency Stop	
15	7020175	1	Cap	
15A	7020176	1	Block, Contact	
16	1810140	1	Switch, Dual Axis	
		Ref	Note: Control System Must be Re-calibrated when replaced.	
16	4460321	1	Plug, Male - 4 Position	
16	4460267	1	Pin, Male	
17	4760600	4	Washer #6	
18	4761000	14	Washer #10	
20	4922480	1	Harness, Ground Control Box (Not Shown - See ELECTRICAL SECTION for Breakdown)	
21	4060802	1	Guard, Switch	
23	3520030	1	Plug, Hole	
24	3520080	1	Plug, Hole	
25	1001102512	4	Washer	

## SECTION 2 - GROUND COMPONENTS

FIGURE 2-16. GROUND CONTROL BOX ASSEMBLY - M3369/M4069 (ALL SPECS EXCEPT CE SPEC)



ART\_0271442

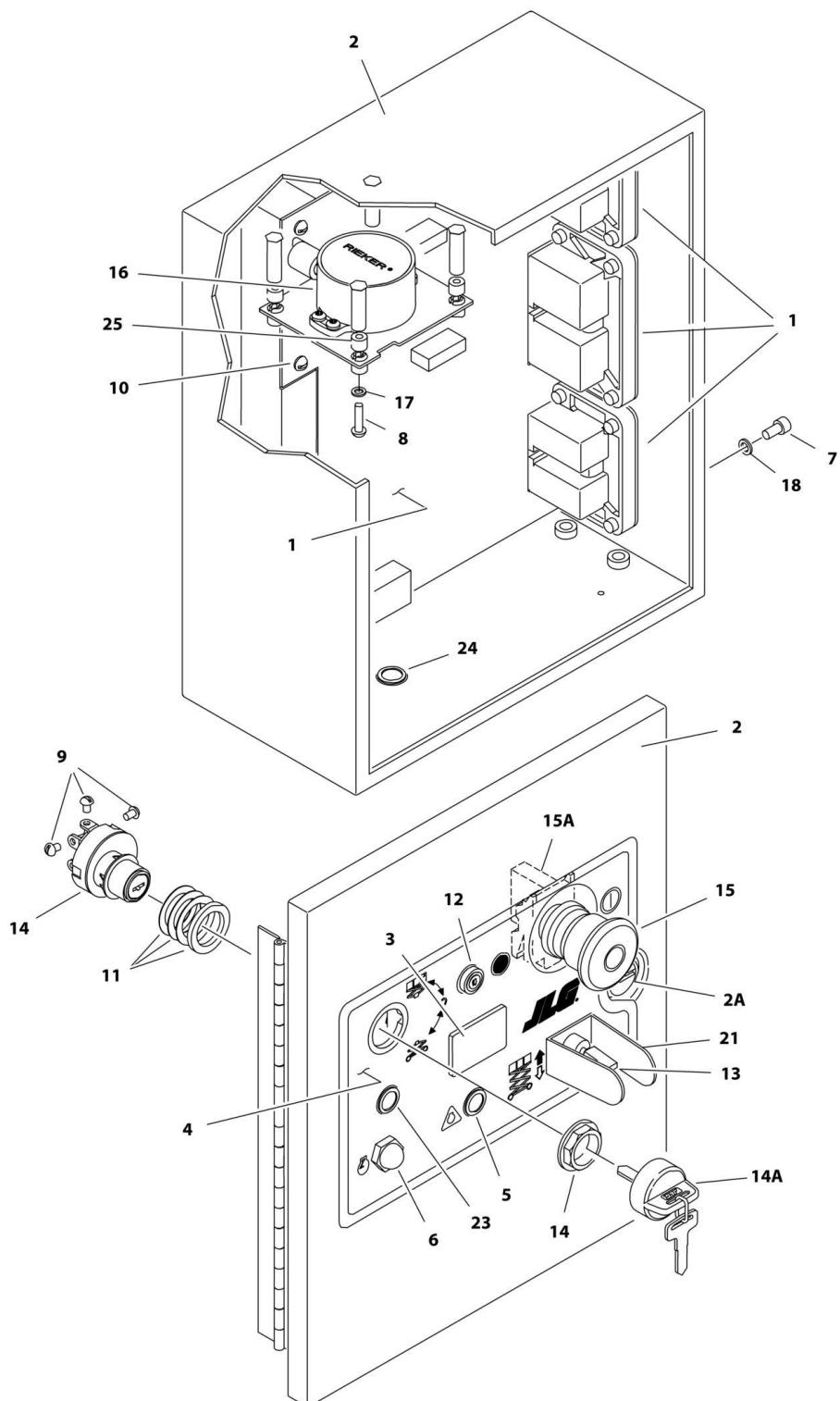
## SECTION 2 - GROUND COMPONENTS

**FIGURE 2-16. GROUND CONTROL BOX ASSEMBLY - M3369/M4069 (ALL SPECS EXCEPT CE SPEC)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271442	Ref	GROUND CONTROL BOX ASSEMBLY - M3369/M4069 (ALL SPECS EXCEPT CE SPEC)	V
1	1001099428	NLA	Module, Control (Use p/n 1001155878) (Note: Re-calibration Required when Replaced) <b>Box (SN 0200230092 through 0200243014)</b>	
2	0861385	1	Latch ( <b>SN 0200230092 through 0200243014</b> )	
2A	7023212	1		
2	1001181087	1	Box (See GROUND CONTROL BOX COMPONENTS for Breakdown) ( <b>SN 0200243015 through 0200266243</b> )	
2	1001181087	1	Box (See GROUND CONTROL BOX COMPONENTS for Breakdown) ( <b>SN M200000100 through M200039307</b> )	
3	2420172	1	Hourmeter	
4	1705710	1	Nameplate	
5	2920151	1	Light, LED	
6	4360387	1	Switch, Push Button	
7	3900300	12	Capscrew	
8	3910616	4	Screw #6 x 1	
9	3910804	3	Screw #8 x 1/4	
10	3911014	2	Screw #10 x 7/8 ( <b>SN 0200230092 through 0200243014</b> )	
10	3900128	2	Screw #10 x 7/8 ( <b>SN 0200243015 through 0200266243</b> )	
10	3900128	2	Screw #10 x 7/8 ( <b>SN M200000100 through M200039307</b> )	
11	4070987	3	Shim .015	
12	4360069	1	Breaker, Circuit - 10Amp	
13	4360328	1	Switch, Toggle	
14	4360469	1	Switch, Key	
14A	2860030	1 Set	Key, Replacement	
15	4360475	1	Switch, Emergency Stop	
15	7020175	1	Cap	
15A	7020176	1	Block, Contact	
16	1810140	1	Switch, Dual Axis	
		Ref	Note: Control System Must be Re-calibrated when replaced.	
16	4460321	1	Plug, Male - 4 Position	
16	4460267	4	Pin, Male	
17	4760600	4	Washer #6	
18	4761000	14	Washer #10	
20	4922604	1	Harness, Ground Control Box (Not Shown - See ELECTRICAL SECTION for Breakdown)	
21	4060802	1	Guard, Switch	
23	3520193	1	Plug, Hole	
24	3520030	1	Plug, Hole	
25	1001102512	4	Washer	

## SECTION 2 - GROUND COMPONENTS

FIGURE 2-17. GROUND CONTROL BOX ASSEMBLY - M3369/M4069 (CE SPECS)



ART\_0271447

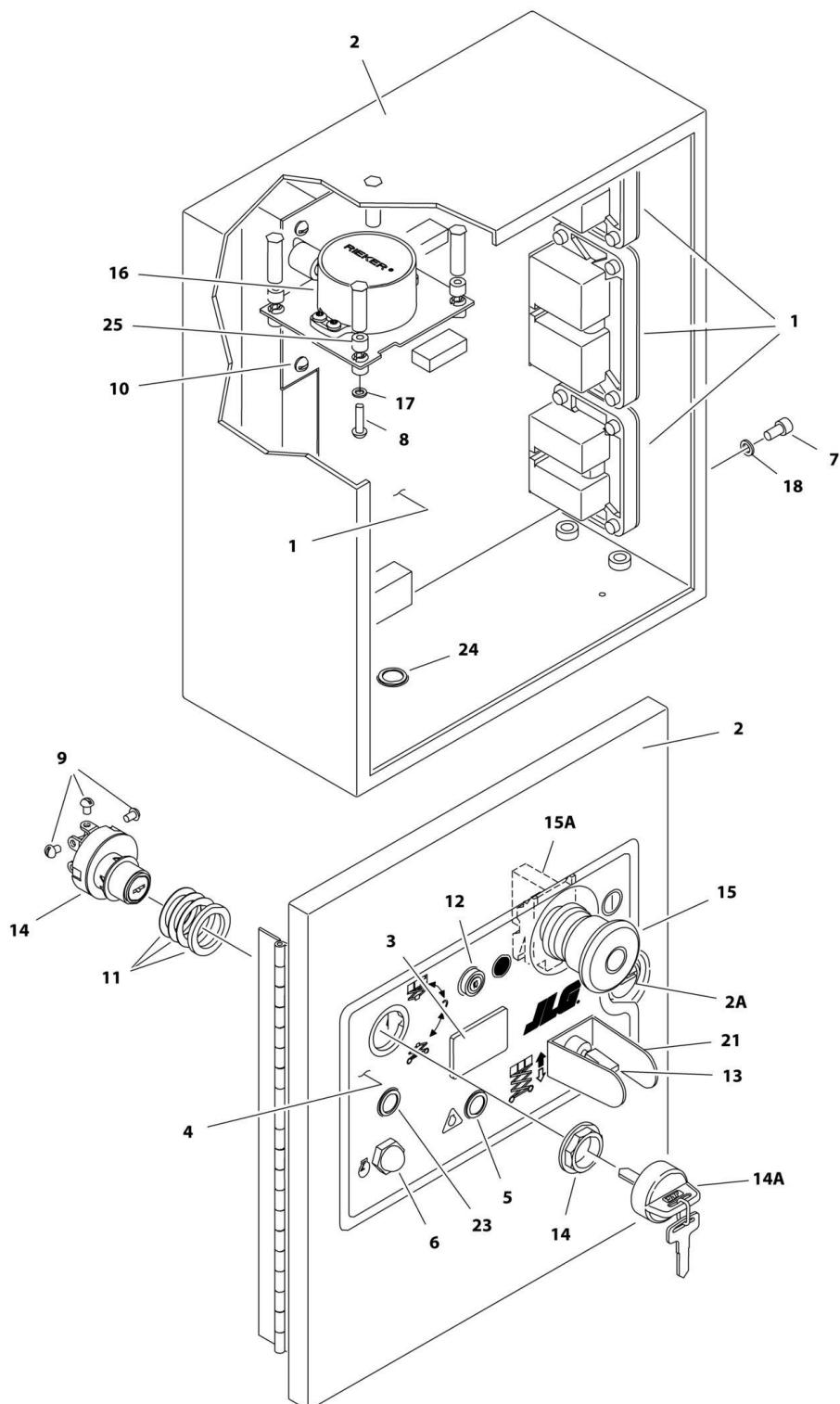
## SECTION 2 - GROUND COMPONENTS

**FIGURE 2-17. GROUND CONTROL BOX ASSEMBLY - M3369/M4069 (CE SPECS)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271447	Ref	GROUND CONTROL BOX ASSEMBLY - M3369/M4069 (CE SPECS)	
1	1001099428	NLA	Module, Control (Use p/n 1001155878) (Note: Re-calibration Required when Replaced) <b>Box (SN 0200230092 through 0200243014)</b>	
2	0861385	1	Latch ( <b>SN 0200230092 through 0200243014</b> )	
2A	7023212	1		
2	1001181087	1	Box (See GROUND CONTROL BOX COMPONENTS for Breakdown) ( <b>SN 0200243015 through 0200266243</b> )	
2	1001181087	1	Box (See GROUND CONTROL BOX COMPONENTS for Breakdown) ( <b>SN M200000100 through M200039307</b> )	
3	2420172	1	Hourmeter	
4	1705710	1	Nameplate	
5	2920151	1	Light, LED	
6	4360387	1	Switch, Push Button	
7	3900300	12	Capscrew	
8	3910616	4	Screw #6 x 1	
9	3910804	3	Screw #8 x 1/4	
10	3911014	2	Screw #10 x 7/8 ( <b>SN 0200230092 through 0200243014</b> )	
10	3900128	2	Screw #10 x 7/8 ( <b>SN 0200243015 through 0200266243</b> )	
10	3900128	2	Screw #10 x 7/8 ( <b>SN M200000100 through M200039307</b> )	
11	4070987	3	Shim .015	
12	4360069	1	Breaker, Circuit - 10Amp	
13	4360328	1	Switch, Toggle	
14	4360470	1	Switch, Key ( <b>SN 0200230092 through 0200241794</b> )	
14A	2860030	1 Set	Key, Replacement	
14	4360469	1	Switch, Key ( <b>SN 0200241795 through 0200266243</b> )	
14	4360469	1	Switch, Key ( <b>SN M200000100 through M200039307</b> )	
14A	2860030	1 Set	Key, Replacement	
15	4360475	1	Switch, Emergency Stop	
15	7020175	1	Cap	
15A	7020176	1	Block, Contact	
16	1810140	1	Switch, Dual Axis	
		Ref	Note: Control System Must be Re-calibrated when replaced.	
16	4460321	1	Plug, Male - 4 Position	
16	4460267	4	Pin, Male	
17	4760600	4	Washer #6	
18	4761000	14	Washer #10	
20	4922604	1	Harness, Ground Control Box (Not Shown - See ELECTRICAL SECTION for Breakdown)	
21	4060802	1	Guard, Switch	
23	3520193	1	Plug, Hole	
24	3520030	1	Plug, Hole	
25	1001102512	4	Washer	

## SECTION 2 - GROUND COMPONENTS

FIGURE 2-18. GROUND CONTROL BOX ASSEMBLY - M4069 DRIVE AT FULL HEIGHT



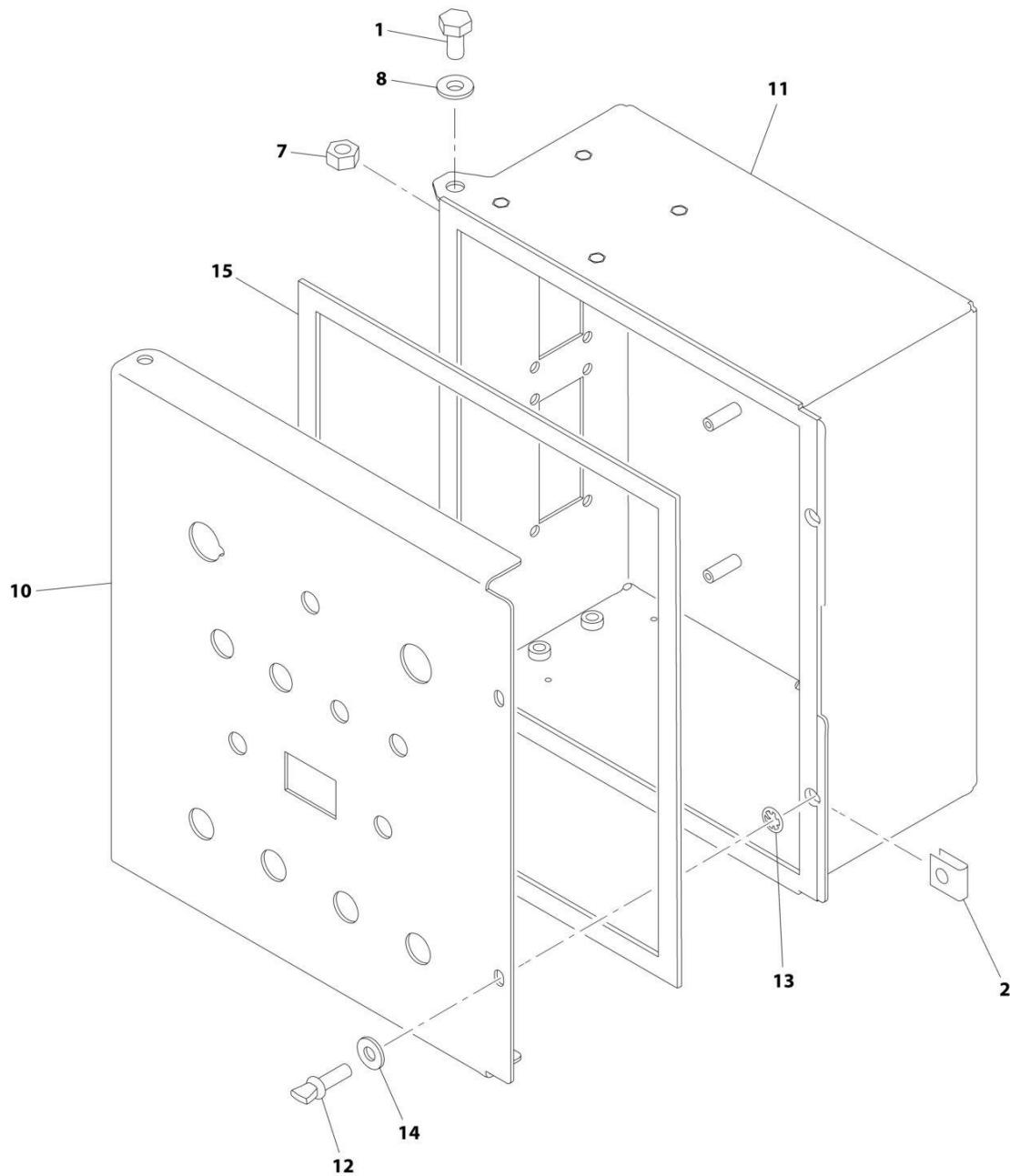
## SECTION 2 - GROUND COMPONENTS

**FIGURE 2-18. GROUND CONTROL BOX ASSEMBLY - M4069 DRIVE AT FULL HEIGHT**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275787	Ref	GROUND CONTROL BOX ASSEMBLY - M4069 DRIVE AT FULL HEIGHT	
1	1001099428	NLA	Module, Control (Use p/n 1001155878) (Note: Re-calibration Required when Replaced)	
2	0861385	1	Box ( <b>SN 0200230092 through 0200243014</b> )	
2A	7023212	1	Latch ( <b>SN 0200230092 through 0200243014</b> )	
2	1001181087	1	Box (See GROUND CONTROL BOX COMPONENTS for Breakdown) ( <b>SN 0200243015 through 0200266243</b> )	
2	1001181087	1	Box (See GROUND CONTROL BOX COMPONENTS for Breakdown) ( <b>SN M200000100 through M200039307</b> )	
3	2420172	1	Hourmeter	
4	1705710	1	Nameplate	
5	2920151	1	Light, LED	
6	4360387	1	Switch, Push Button	
7	3900300	12	Capscrew	
8	3910616	4	Screw #6 x 1	
9	3910804	3	Screw #8 x 1/4	
10	3911014	2	Screw #10 x 7/8 ( <b>SN 0200230092 through 0200243014</b> )	
10	3900128	2	Screw #10 x 7/8 ( <b>SN 0200243015 through 0200266243</b> )	
10	3900128	2	Screw #10 x 7/8 ( <b>SN M200000100 through M200039307</b> )	
11	4070987	3	Shim .015	
12	4360069	1	Breaker, Circuit - 10Amp	
13	4360328	1	Switch, Toggle	
14	4360470	1	Switch, Key	
14A	2860030	1 Set	Key, Replacement	
15	4360475	1	Switch, Emergency Stop	
15	7020175	1	Cap	
15A	7020176	1	Block, Contact	
16	1810140	1	Switch, Dual Axis	
		Ref	Note: Control System Must be Re-calibrated when replaced.	
16A	4460321	1	Plug, Male - 4 Position	
16B	4460267	4	Pin, Male	
17	4760600	4	Washer #6	
18	4761000	14	Washer #10	
21	4060802	1	Guard, Switch	
23	3520193	1	Plug, Hole	
24	3520030	1	Plug, Hole	
25	1001102512	4	Washer	
26	4923619	1	Harness, Ground Control Box (Not Shown - See ELECTRICAL SECTION for Breakdown)	

## SECTION 2 - GROUND COMPONENTS

FIGURE 2-19. GROUND CONTROL BOX COMPONENTS (SN 0200243015 through 0200266243, SN M200000100 through M200039307)



ART\_1001181087

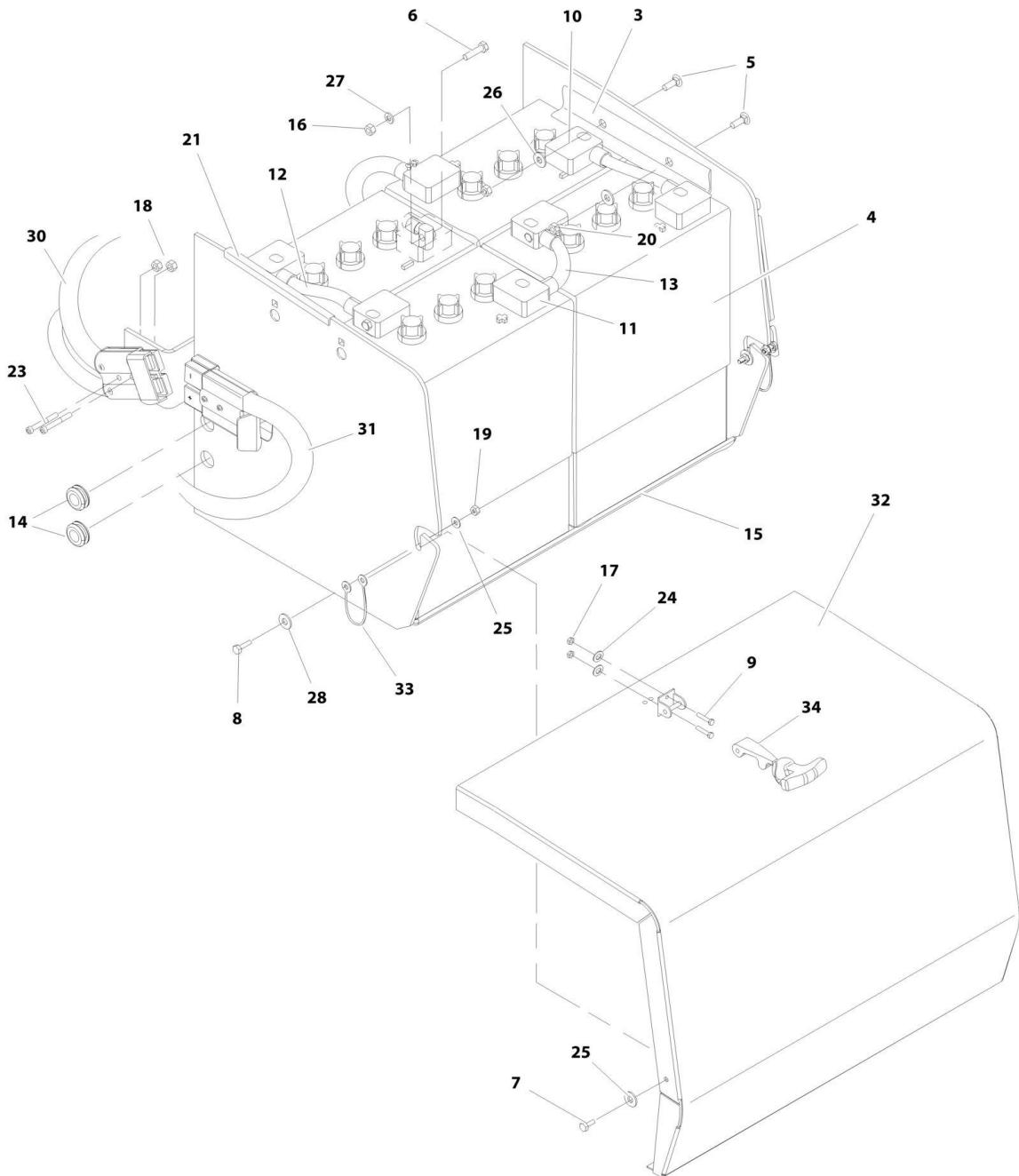
## SECTION 2 - GROUND COMPONENTS

**FIGURE 2-19. GROUND CONTROL BOX COMPONENTS (SN 0200243015 through 0200266243, SN M200000100 through M200039307)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181087	Ref	GROUND CONTROL BOX COMPONENTS	
1	0641404	2	Bolt 1/4 x 1/2	
2	3300353	2	Nut, Tinnerman	
7	3311405	2	Nut 1/4	
8	4740518	2	Washer	
10	1001181089	1	Lid	
11	See Note	NSS	Box (Note: Use p/n 1001181087)	
12	1001103308	2	Screw 1/4 x 3/4	
13	1001188874	2	Nut, Push	
14	4711400	2	Washer 1/4	
15	1001165734	44 in/1.1m	Seal ( <b>SN 0200253232 through 0200266243</b> )	
15	1001165734	44 in/1.1m	Seal ( <b>SN M200000100 through M200039307</b> )	

## **SECTION 2 - GROUND COMPONENTS**

**FIGURE 2-20. BATTERY BOX INSTALLATION - 370A-H BATTERIES (SN 0200230092 through 0200258591)**



ART\_1001170851

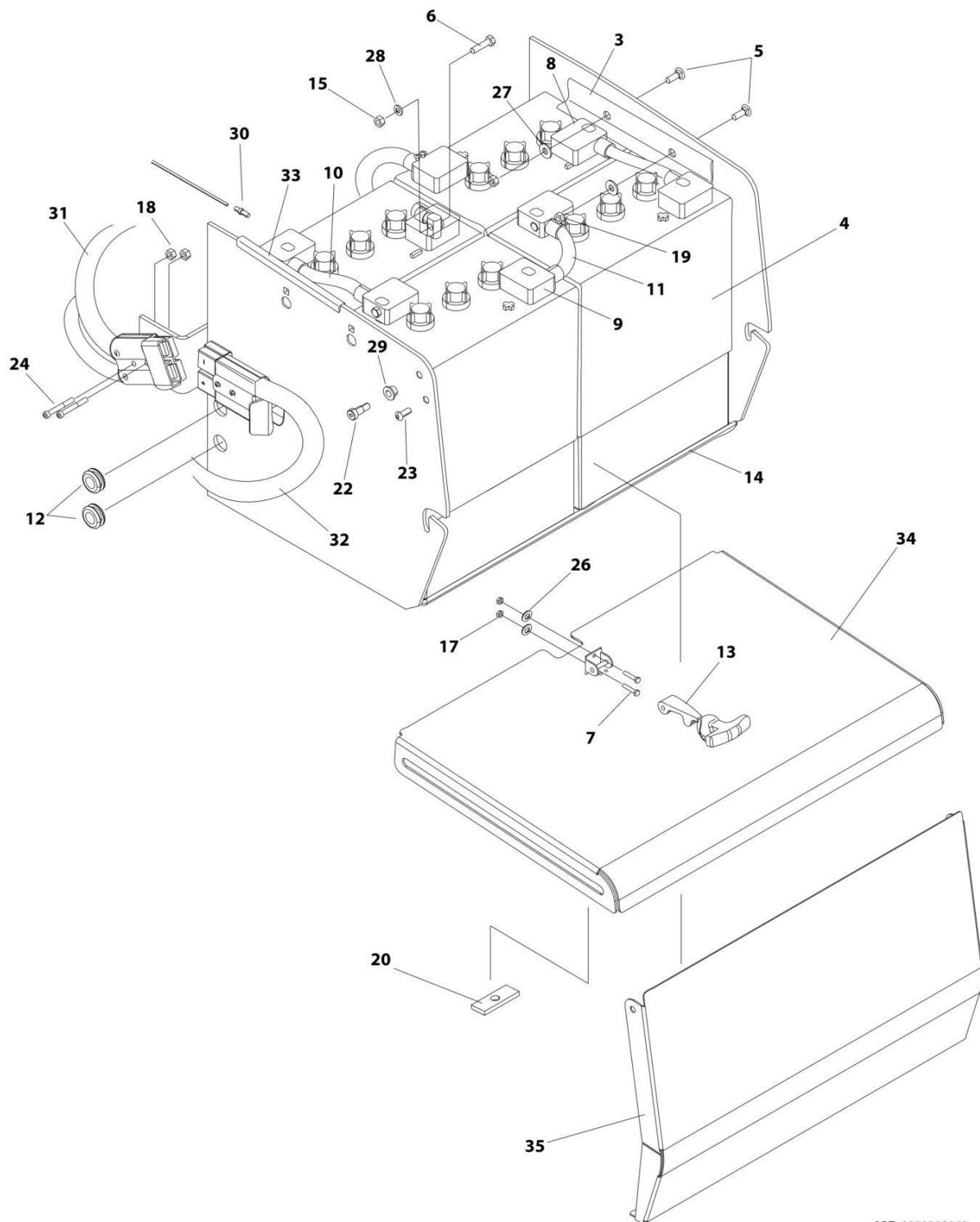
## SECTION 2 - GROUND COMPONENTS

**FIGURE 2-20. BATTERY BOX INSTALLATION - 370A-H BATTERIES (SN 0200230092 through 0200258591)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170851	Ref	BATTERY BOX INSTALLATION - 370A-H BATTERIES ( <b>SN 0200230092 through 0200258591</b> )	C
1	0100011	AR	Compound, Locking	
2	0100051	AR	Grease, Terminal	
3	0182017	4	Angle, Battery Hold-Down	
4	0400055	8	Battery, 370A-HR Wet	
4	7016177	8	Battery, 370A-HR Dry	
5	0630462	8	Bolt	
6	0630526	16	Bolt 5/16 x 1-1/4	
7	0641405	4	Bolt 1/4 x 5/8	
8	0641408	4	Bolt 1/4 x 1	
9	0721008	4	Bolt #10 x 1	
10	0840048	6	Boot, Terminal - "d" Shaped	
11	0840049	4	Boot, Terminal - "b" Shaped	
12	1060884	4	Cable, Battery	
13	1060885	2	Cable, Battery	
14	2540038	4	Grommet	
15	3000018	2	Liner, Battery Box	
16	3300429	16	Nut 5/16	
17	3310801	4	Nut #8	
18	3311401	2	Nut 1/4	
19	3311405	8	Nut 1/4	
20	3311501	8	Nut 5/16	
21	1001177536	4	Pad, Slide	
22	3820019	4	Rivet	
23	3931430	2	Capscrew 1/4 x 1-7/8	
24	4711000	4	Washer #10	
25	4711400	8	Washer 1/4	
26	4711500	8	Washer 5/16	
27	4740474	16	Washer 5/16	
28	4751500	8	Washer 5/16	
29	1001114496	1	Sensor, Battery Temperature	
30	1001165355	1	Cable, Battery	
30	4460335	1	Connector, Anderson	
31	1001170081	1	Cable, Battery	
31	4460335	1	Connector, Anderson	
32	1001171003	2	Cover, Battery	
33	1060379	4	Lanyard	
34	2940095	2	T-Handle and Latch Plate	

## SECTION 2 - GROUND COMPONENTS

FIGURE 2-21. BATTERY BOX INSTALLATION - 370A-H BATTERIES (SN 0200258591 through 0200266243)



ART\_1001208069

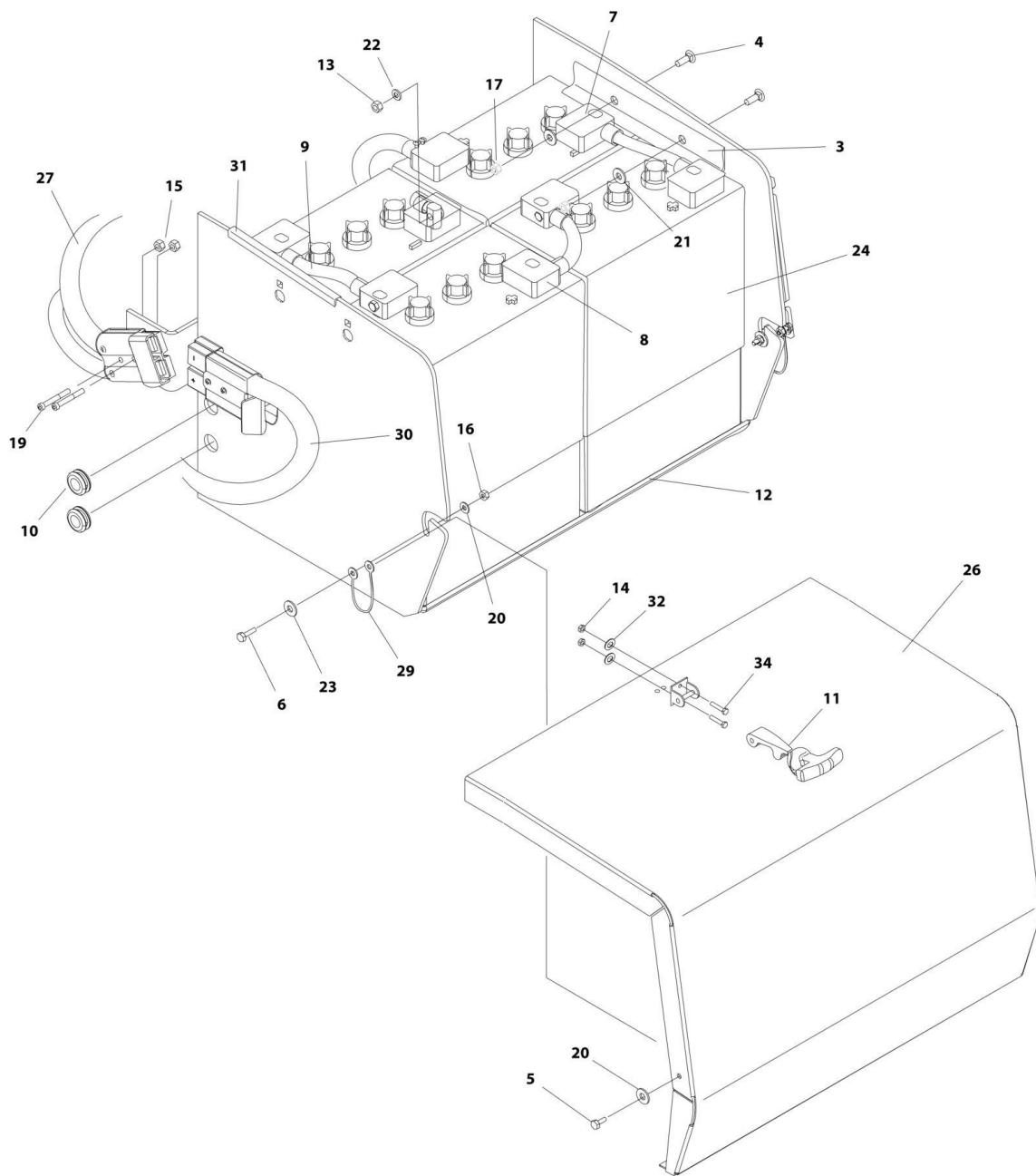
## SECTION 2 - GROUND COMPONENTS

**FIGURE 2-21. BATTERY BOX INSTALLATION - 370A-H BATTERIES (SN 0200258591 through 0200266243)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001208069	Ref	BATTERY BOX INSTALLATION - 370A-H BATTERIES	A
1	0100011	AR	Compound, Locking	
2	0100051	AR	Grease, Terminal	
3	0182017	4	Angle, Battery Hold-Down	
4	0400055	8	Battery, 370A-HR Wet	
5	0630462	8	Bolt	
6	0630526	16	Bolt 5/16 x 1-1/4	
7	0721008	4	Bolt #10 x 1	
8	0840048	6	Boot, Terminal - "d" Shaped	
9	0840049	10	Boot, Terminal - "b" Shaped	
10	1060884	4	Cable, Battery	
11	1060885	2	Cable, Battery	
12	2540038	4	Grommet	
13	2940095	2	T-Handle and Latch Plate	
14	3000018	2	Liner, Battery Box	
15	3300429	16	Nut 5/16	
16	3311001	4	Nut #10	
17	3311401	2	Nut 1/4	
18	3311501	12	Nut 5/16	
19	3311505	4	Locknut 5/16	
20	3340861	2	Pad, Rubber	
21	3900190	4	Screw, Shoulder	
22	3900210	4	Screw, Button-Head	
23	3820019	4	Rivet	
24	3931430	2	Capscrew 1/4 x 1-7/8	
25	4420037	1.2 m	Tape, Insulation (Not Shown)	
26	4711000	4	Washer #10	
27	4711500	12	Washer 5/16	
28	4740474	16	Washer 5/16	
29	4740480	4	Washer, Plastic Insert	
30	1001114496	1	Sensor, Battery Temperature	
31	1001165355	1	Cable, Battery	
31	4460335	1	Connector, Anderson	
32	1001170081	1	Cable, Battery	
32	4460335	1	Connector, Anderson	
33	1001177536	4	Pad, Slide	
34	1001207981	2	Cover, Battery	
35	1001207982	2	Plate, Battery Cover	

## SECTION 2 - GROUND COMPONENTS

FIGURE 2-22. BATTERY BOX INSTALLATION - 390A-H AGM BATTERIES (SN 0200230092 through 0200258591)



ART\_1001166246

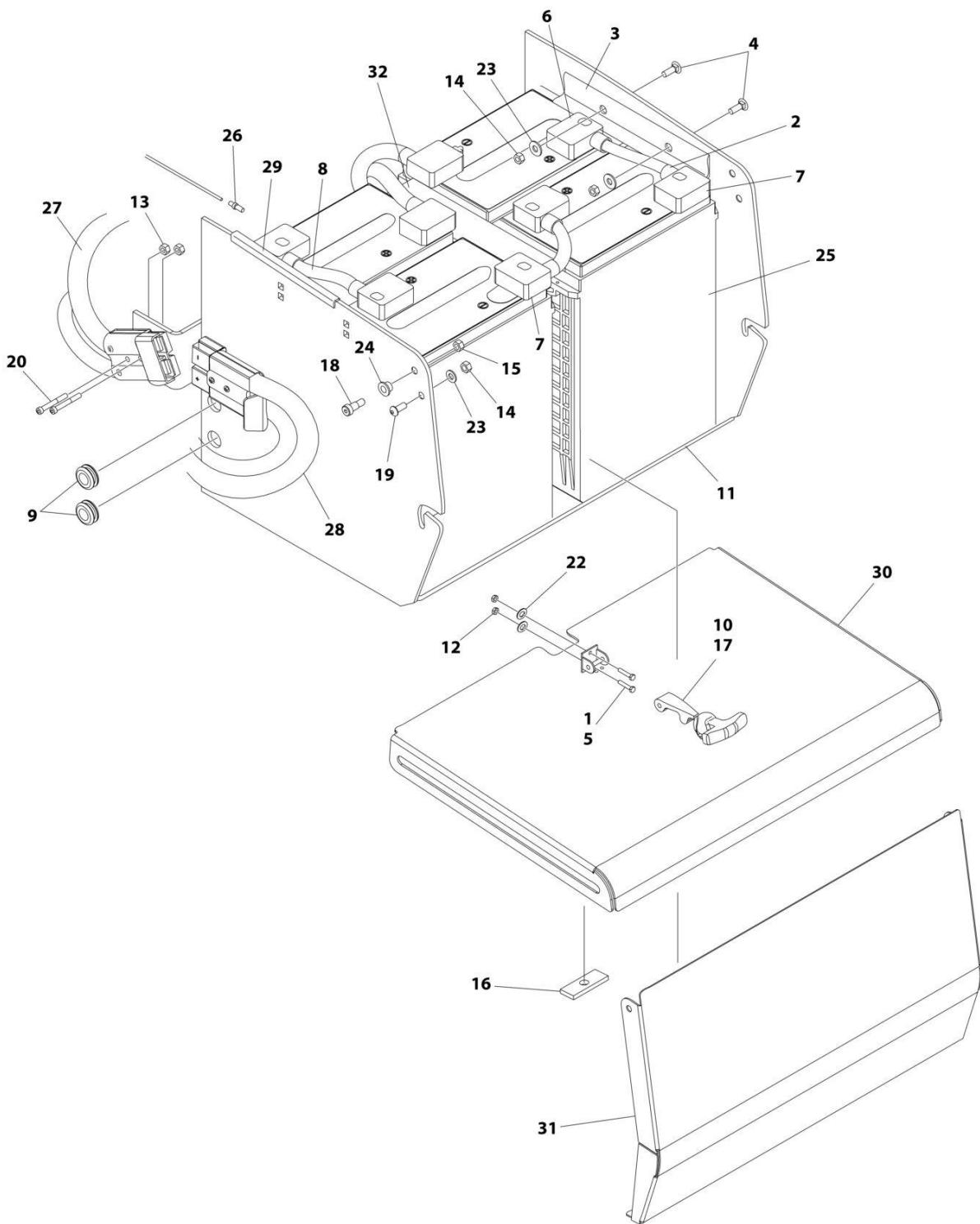
## SECTION 2 - GROUND COMPONENTS

**FIGURE 2-22. BATTERY BOX INSTALLATION - 390A-H AGM BATTERIES (SN 0200230092 through 0200258591)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166246	Ref	BATTERY BOX INSTALLATION - 390A-H AGM BATTERIES ( <b>SN 0200230092 through 0200258591</b> )	E
1	0100011	AR	Compound, Locking	
2	0100051	AR	Grease, Terminal	
3	0182017	4	Angle, Battery Hold-Down	
4	0630462	8	Bolt	
5	0641405	4	Bolt 1/4 x 5/8	
6	0641408	4	Bolt 1/4 x 1	
7	0840048	6	Boot, Terminal - "d" Shaped	
8	0840049	10	Boot, Terminal - "b" Shaped	
9	1060884	6	Cable, Battery	
10	2540038	4	Grommet	
11	2940095	2	T-Handle and Latch Plate	
12	3000018	2	Liner, Battery Box	
13	3300429	16	Nut 5/16	
14	3310801	4	Nut #8	
15	3311401	2	Nut 1/4	
16	3311405	8	Nut 1/4	
17	3311501	8	Nut 5/16	
19	3931430	2	Capscrew 1/4 x 1-7/8	
20	4711400	8	Washer 1/4	
21	4711500	8	Washer 5/16	
22	4740474	16	Washer 5/16	
23	4751500	8	Washer 5/16	
24	1001102534	8	Battery	
25	1001114496	1	Sensor, Battery Temperature	
26	1001171003	2	Cover, Battery	
27	1001165355	1	Cable, Battery	
27	4460335	1	Connector, Anderson	
29	1060379	4	Lanyard	
30	1001170081	1	Cable, Battery	
30	4460335	1	Connector, Anderson	
31	1001177536	4	Pad, Slide	
32	4711000	4	Washer #10	
33	3820019	4	Rivet	
34	0721008	4	Bolt #10 x 1	

## **SECTION 2 - GROUND COMPONENTS**

**FIGURE 2-23. BATTERY BOX INSTALLATION - 390A-H AGM BATTERIES (SN 0200258591 through 0200266243, SN M200009860 through M200039307)**



ART\_1001208070

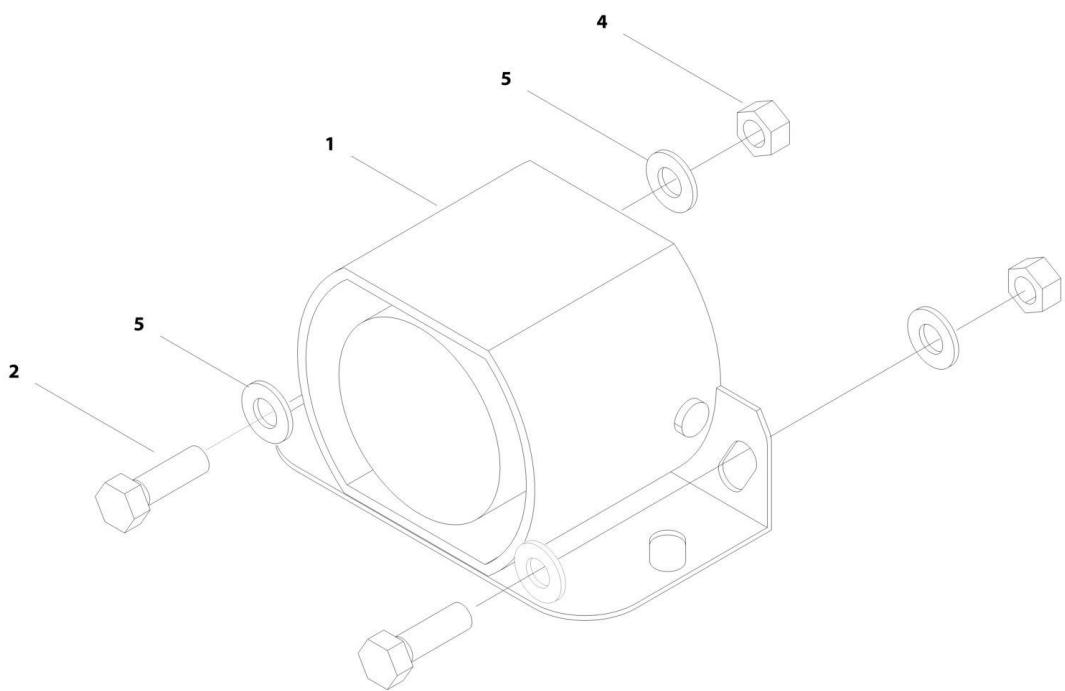
## SECTION 2 - GROUND COMPONENTS

**FIGURE 2-23. BATTERY BOX INSTALLATION - 390A-H AGM BATTERIES (SN 0200258591 through 0200266243, SN M200009860 through M200039307)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001208070	Ref	BATTERY BOX INSTALLATION - 390A-H AGM BATTERIES	
1	0100011	AR	Compound, Locking	
2	0100051	AR	Grease, Terminal	
3	0182017	4	Angle, Battery Hold-Down	
4	0630462	8	Bolt	
5	0721008	4	Bolt #10 x 1	
6	0840048	6	Boot, Terminal - "d" Shaped	
7	0840049	10	Boot, Terminal - "b" Shaped	
8	1060884	6	Cable, Battery (SN 0200258591 through 0200266243, SN M200009860 through M200015021)	
8	1001228395	6	Cable, Battery (SN M200015022 through M200039307)	
9	2540038	4	Grommet	
10	2940095	2	T-Handle and Latch Plate	
11	3000018	2	Liner, Battery Box	
12	3311001	4	Nut #10	
13	3311401	2	Nut 1/4	
14	3311501	12	Nut 5/16	
15	3311505	4	Locknut 5/16	
16	3340861	2	Pad, Rubber	
17	3820019	4	Rivet	
18	3900190	4	Screw, Shoulder	
19	3900210	4	Buttonhead Screw 5/16 x 3/4	
20	3931430	2	Capscrew 1/4 x 1-7/8	
21	4420037	1.2 m	Tape, Insulation (Not Shown)	
22	4711000	4	Washer #10	
23	4711500	12	Washer 5/16	
24	4740480	4	Washer, Plastic Insert	
25	1001102534	8	Battery (SN 0200258591 through 0200266243, SN M200009860 through M200015021)	
25	1001228392	8	Battery (SN M200015022 through M200039307)	
26	1001114496	1	Sensor, Battery Temperature	
27	1001165355	1	Cable, Battery (SN 0200258591 through 0200266243, SN M200009860 through M200015021)	
27	4460335	1	Connector, Anderson	
27	1001228394	1	Cable, Battery (SN M200015022 through M200039307)	
28	1001170081	1	Cable, Battery (SN 0200258591 through 0200266243, SN M200009860 through M200015021)	
28	1001228393	1	Cable, Battery (SN M200015022 through M200039307)	
28	4460335	1	Connector, Anderson	
29	1001177536	4	Pad, Slide	
30	1001207981	2	Cover, Battery Box Lid	
31	1001207982	2	Plate, Battery Cover	
32	1001218766	2	Stop, Battery Spacer (SN M200011529 through M200039307)	

## SECTION 2 - GROUND COMPONENTS

FIGURE 2-24. ALARM INSTALLATION



ART\_0273968

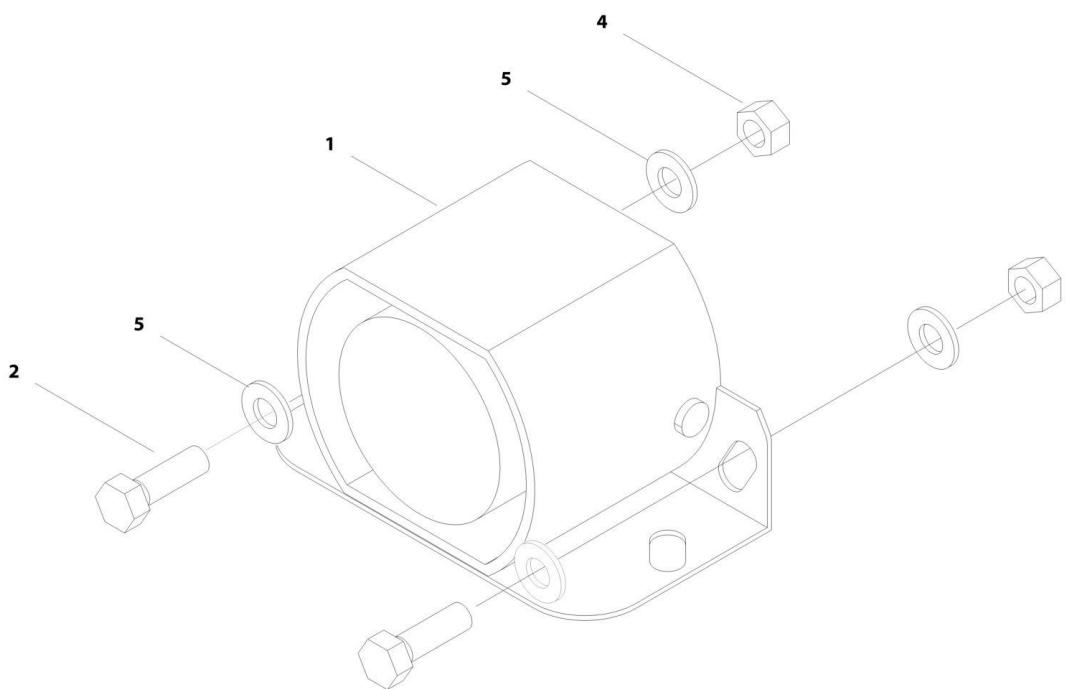
## SECTION 2 - GROUND COMPONENTS

FIGURE 2-24. ALARM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	0273968	Ref	ALARM INSTALLATION	C
1	0140032	1	Alarm	
2	0641508	2	Bolt 5/16 x 1	
3	2820018	AR	Heat Shrink	
4	3311505	2	Nut 5/16	
5	4711500	4	Washer 5/16	
6	4922517	1	Alarm Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	

## SECTION 2 - GROUND COMPONENTS

FIGURE 2-25. ALARM INSTALLATION - MOTION



ART\_0270942

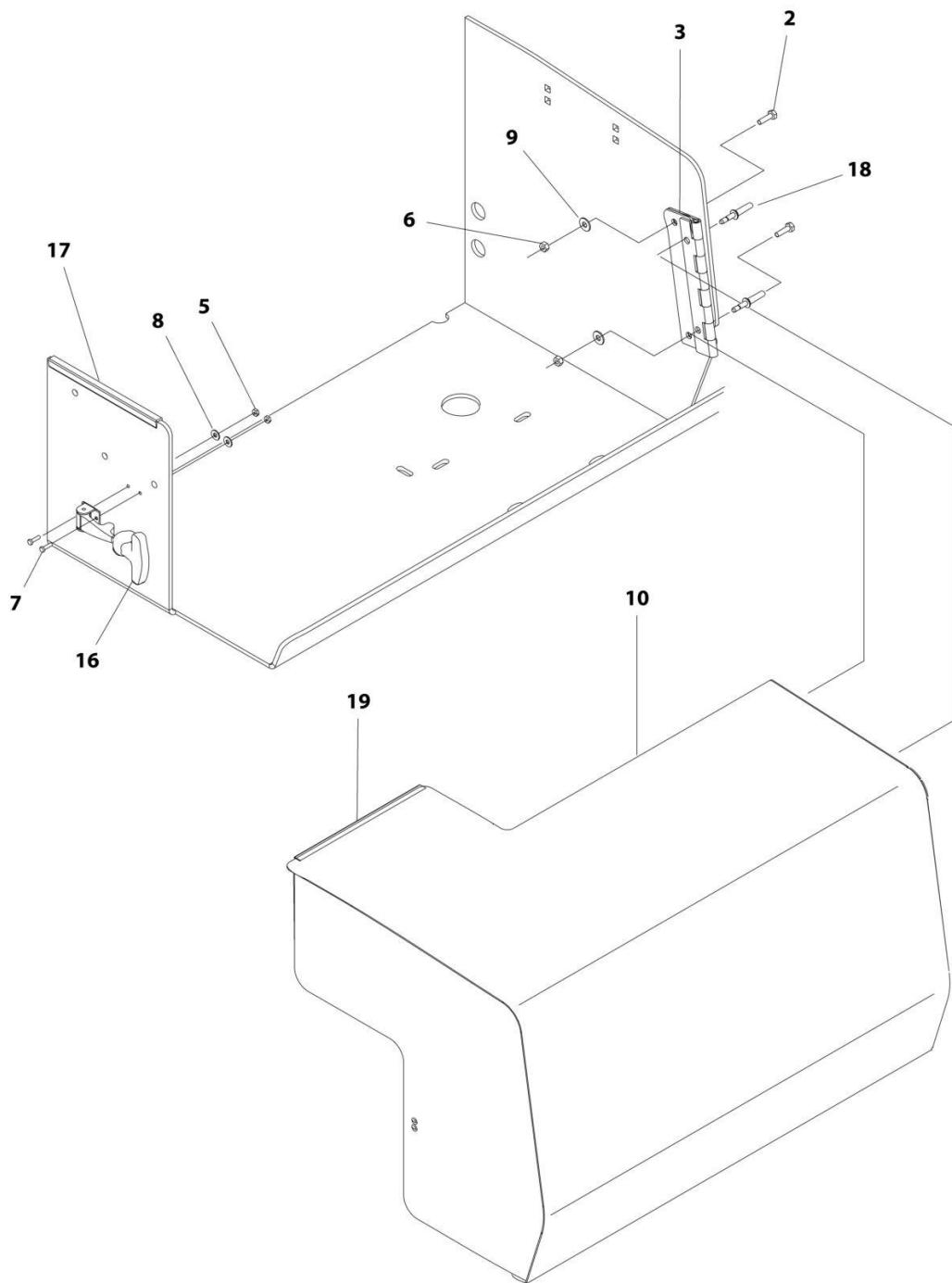
## SECTION 2 - GROUND COMPONENTS

FIGURE 2-25. ALARM INSTALLATION - MOTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	0270942	Ref	ALARM INSTALLATION - MOTION	D
1	0140032	1	Alarm	
2	0641508	2	Bolt 5/16 x 1	
3	2820018	AR	Heat Shrink	
4	3311505	2	Nut 5/16	
5	4711500	4	Washer 5/16	
6	4922517	1	Alarm Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	

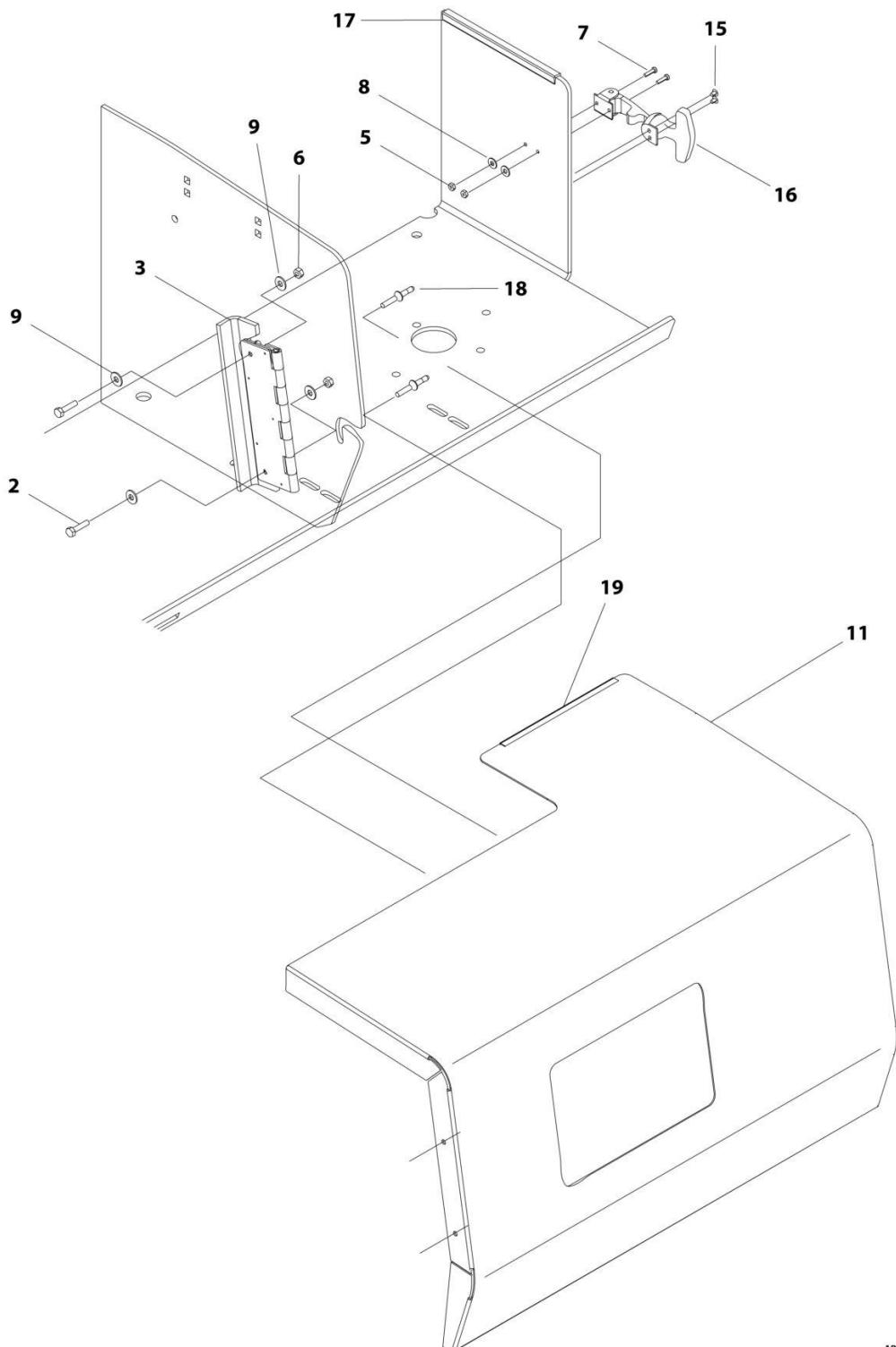
## SECTION 2 - GROUND COMPONENTS

FIGURE 2-26. COVERS INSTALLATION



ART\_1001165822\_1OF2

## SECTION 2 - GROUND COMPONENTS



ART\_1001165822\_2OF2

## SECTION 2 - GROUND COMPONENTS

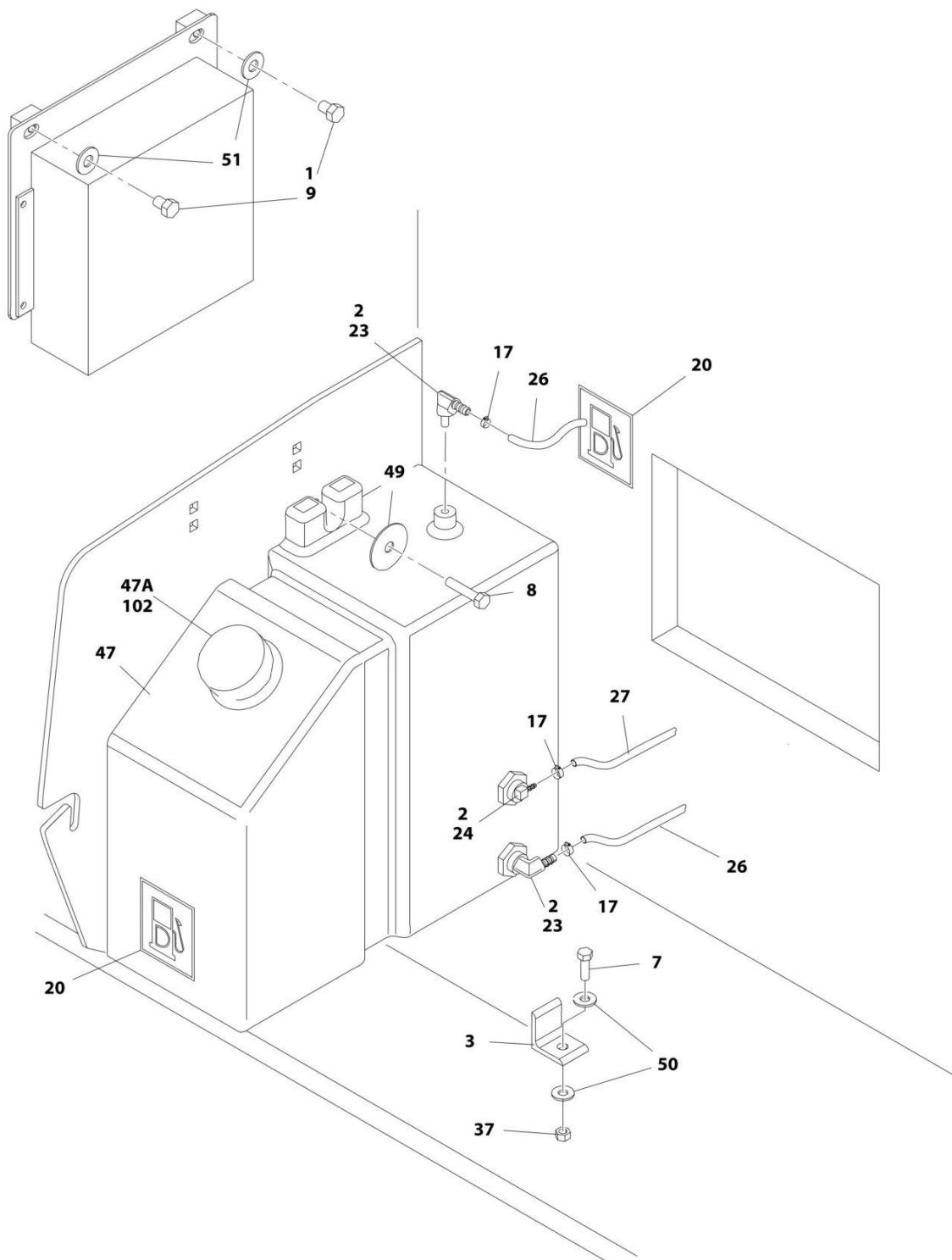
FIGURE 2-26. COVERS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165822	1	COVERS INSTALLATION	
2	0641407	4	Bolt 1/4 x 7/8	
3	2600275	2	Hinge	
5	3310801	4	Nut #8	
6	3311405	4	Nut 1/4	
7	3900305	4	Screw #8	
8	4711000	4	Washer #10	
9	4751400	8	Washer 1/4	
10	1001164975	1	Plate, Left Side Cover	
11	1001164977	1	Plate, Right Side Cover	
15	3820019	4	Rivet	
16	2940095	2	T-Handle and Latch Plate	
17	1001177536	2	Pad, Slide	
18	2080040	4	Fastener, Huck	
19	4060803	32 in /81cm	Flex-Trim	D



## SECTION 2 - GROUND COMPONENTS

FIGURE 2-27. TANK INSTALLATION - M3369/M4069 (MACHINES WITH STANDARD BATTERY)



ART\_1001165843\_10F2

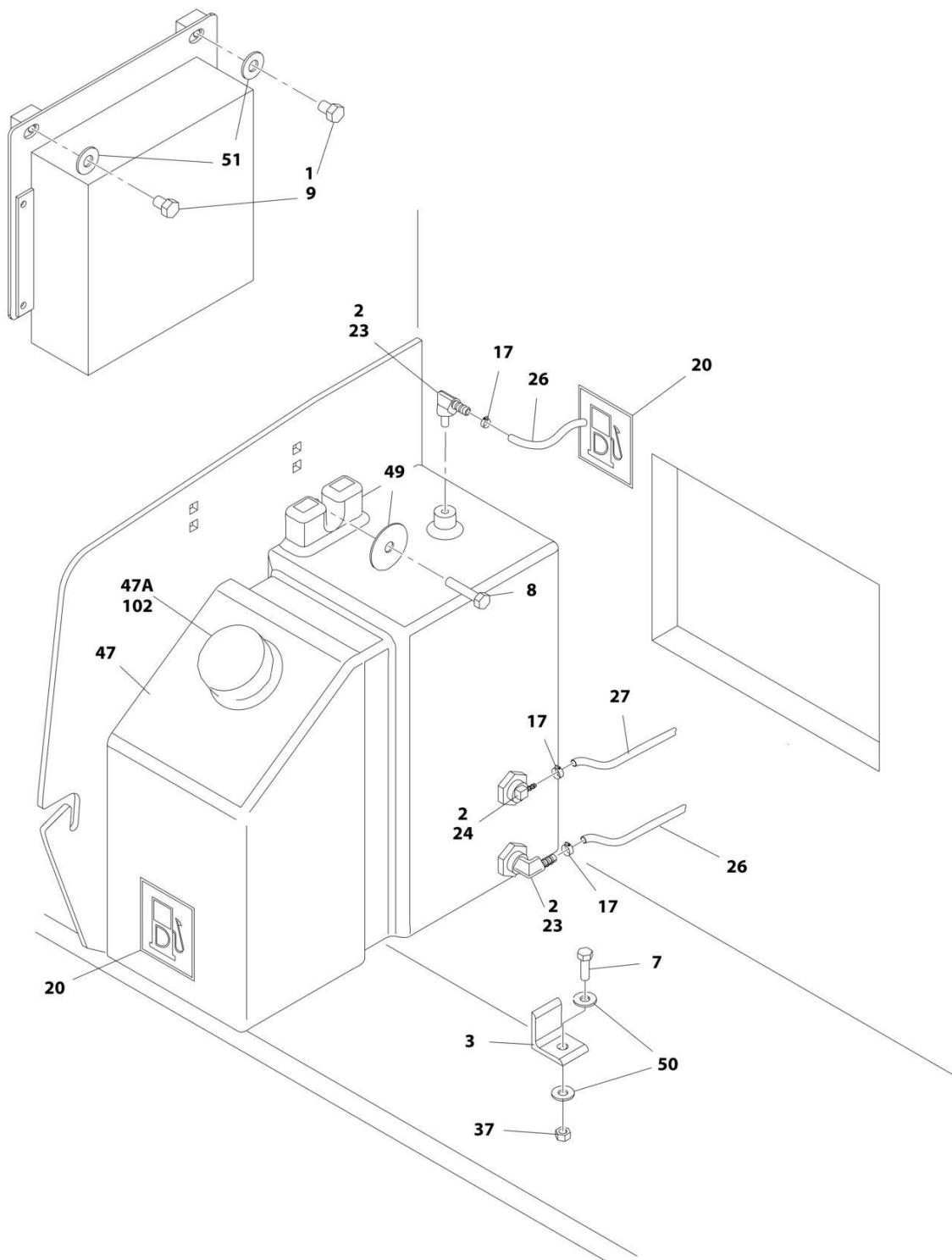
## SECTION 2 - GROUND COMPONENTS

**FIGURE 2-27. TANK INSTALLATION - M3369/M4069 (MACHINES WITH STANDARD BATTERY)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165843	Ref	TANK INSTALLATION	
1	0100011	AR	Compound, Locking	G
2	0100020	AR	Sealant, Pipe	
3	0182014	1	Angle	
7	0641508	1	Bolt 5/16 x 1	
8	0641512	1	Bolt 5/16 x 1-1/2	
9	0641604	2	Bolt 3/8 x 1/2	
17	1320022	5	Clamp	
20	1701505	2	Decal - Diesel Fuel	
23	2221046	2	Fitting, 90 NPT/Barbed	
24	2221047	1	Fitting, 90 NPT/Barbed	
26	2720058	10 ft /3m	Hose	
27	2720271	10 ft /3m	Hose	
37	3311505	1	Nut 5/16	
47	4400434	1	Tank, Fuel	
47A	7016314	1	Cap, Fuel (Standard Non-Locking)	
49	4740076	1	Washer	
50	4751500	2	Washer 5/16	
51	4751600	6	Washer 3/8	
	0259613	Ref	LOCKABLE FUEL CAP INSTALLATION - OPTIONAL	
102	1120485	1	Cap, Fuel (Optional - Lockable)	C

## SECTION 2 - GROUND COMPONENTS

FIGURE 2-28. TANK INSTALLATION - M3369/M4069 (MACHINES WITH AGM BATTERY)



ART\_1001202685\_10F2

## SECTION 2 - GROUND COMPONENTS

**FIGURE 2-28. TANK INSTALLATION - M3369/M4069 (MACHINES WITH AGM BATTERY)**

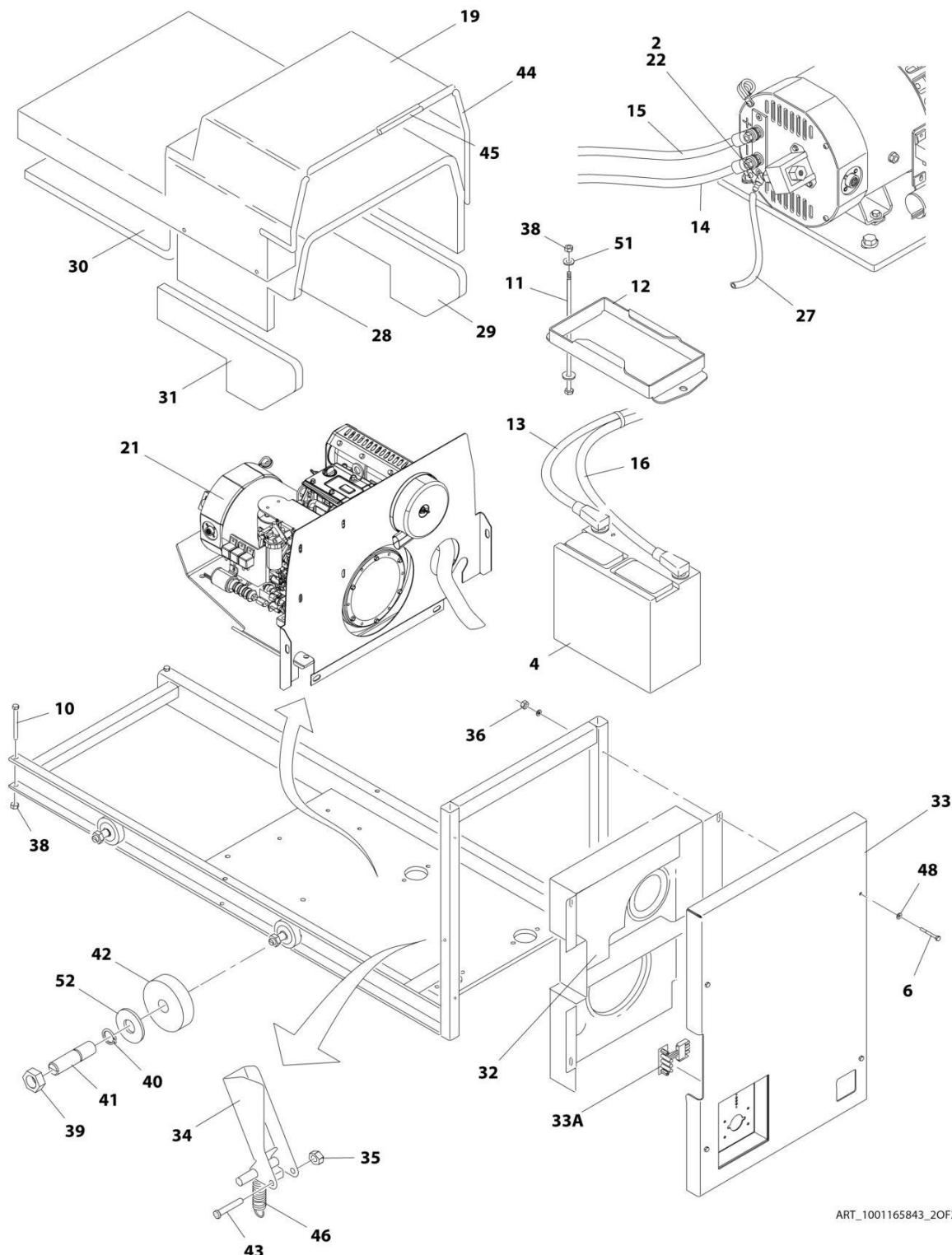
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202685	Ref	TANK INSTALLATION	
1	0100011	AR	Compound, Locking	C
2	0100020	AR	Sealant, Pipe	
3	0182014	1	Angle	
7	0641508	1	Bolt 5/16 x 1	
8	0641512	1	Bolt 5/16 x 1-1/2	
9	0641604	2	Bolt 3/8 x 1/2	
17	1320022	5	Clamp	
20	1701505	2	Decal - Diesel Fuel	
23	2221046	2	Fitting, 90 NPT/Barbed	
24	2221047	1	Fitting, 90 NPT/Barbed	
26	2720058	10 ft /3m	Hose	
27	2720271	10 ft /3m	Hose	
37	3311505	1	Nut 5/16	
47	4400434	1	Tank, Fuel	
47A	7016314	1	Cap, Fuel (Standard Non-Locking)	
49	4740076	1	Washer	
50	4751500	2	Washer 5/16	
51	4751600	6	Washer 3/8	
	0259613	Ref	LOCKABLE FUEL CAP INSTALLATION - OPTIONAL	
102	1120485	1	Cap, Fuel (Optional - Lockable)	C



**SECTION 3 - ENGINE**

## SECTION 3 - ENGINE

FIGURE 3-1. KUBOTA ENGINE/GENERATOR INSTALLATION - M3369/M4069 (WITH STANDARD BATTERY)



ART\_1001165843\_2OF2

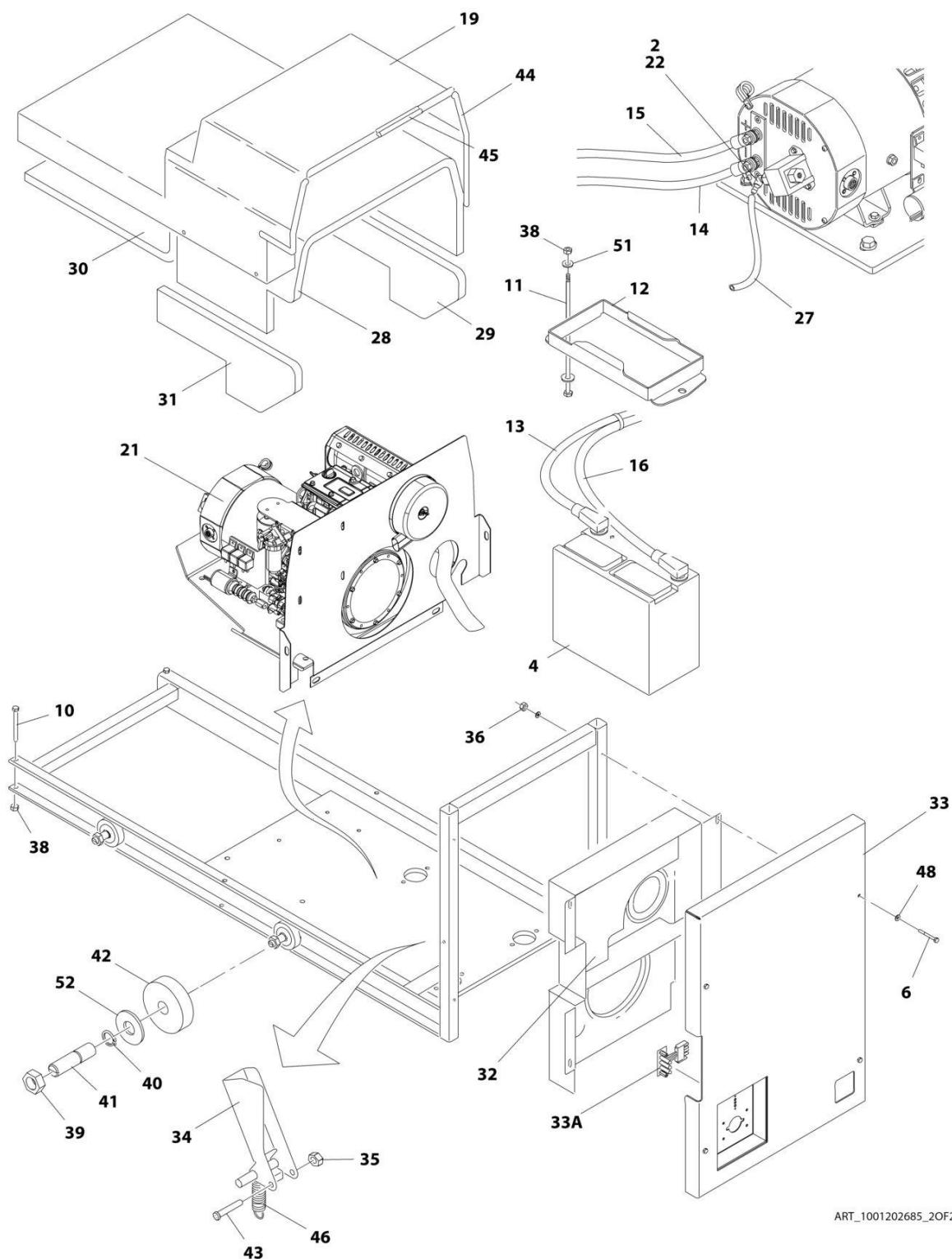
## SECTION 3 - ENGINE

**FIGURE 3-1. KUBOTA ENGINE/GENERATOR INSTALLATION - M3369/M4069 (WITH STANDARD BATTERY)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165843	Ref	KUBOTA ENGINE/GENERATOR INSTALLATION - M3369/M4069 (WITH STANDARD BATTERY)	G
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
4	0400201	1	Battery	
6	0641418	4	Bolt 1/4 x 2-1/4	
10	0641632	2	Bolt 3/8 x 4	
11	0641660	2	Bolt 3/8 x 7-1/2	
12	0902659	1	Bracket, Hold-Down	
13	1060820	1	Cable, Battery (Battery + to Starter)	
14	1060916	1	Cable, Battery (Generator – to Controller –)	
15	1060917	1	Cable, Battery (Lower Generator + to Contactor +)	
16	1060950	1	Cable, Battery (Battery – to Ground)	
17	1320022	5	Clamp	
19	1671010	1	Cover, Engine	
21	1001159358	1	Kubota Motor/Generator Assembly (See Separate Breakdown in this Section) ( <b>SN 0200230092 through 0200266243</b> )	
21	1001159358	1	Kubota Motor/Generator Assembly (See Separate Breakdown in this Section) ( <b>SN M200000100 through M200028845</b> )	
21	1001242115	1	Kubota Motor/Generator Assembly (See Separate Breakdown in this Section) ( <b>SN M200028846 through M200032748</b> )	
21	1001248084	1	Kubota Motor/Generator Assembly (See Separate Breakdown in this Section) ( <b>SN M200031749 through M200039307</b> )	
22	2220805	1	Fitting, 90 NPT/Barbed	
27	2720271	10 ft /3m	Hose	
28	2820135	1	Insulation	
29	2820136	1	Insulation	
30	2820137	1	Insulation	
31	2820138	1	Insulation	
32	2820228	1	Insulation	
33	1001166302	1	Cover, Front (Includes PC Board)	
33	1001165794	1	Cover, Front (Less PC Board)	
33A	0610131	1	PC Board, LED Light	
34	2940137	1	Latch	
35	3300374	1	Nut	
36	3311405	4	Nut 1/4	
38	3311605	4	Nut 3/8	
39	3322202	5	Nut	
40	3760348	4	Ring, Retaining	
41	3841233	4	Rod, Roller	
42	3860059	4	Roller, Extension	
43	3900184	1	Screw #10 x 5/8	
44	3960389	2 ft /60cm	Seal	
45	3960418	2 ft /60cm	Seal	
46	4160189	1	Spring	
48	4711400	8	Washer 1/4	
51	4751600	6	Washer 3/8	
52	4752200	4	Washer 3/4	

## SECTION 3 - ENGINE

FIGURE 3-2. KUBOTA ENGINE/GENERATOR INSTALLATION - M3369/M4069 (WITH AGM BATTERY)



ART\_1001202685\_2OF2

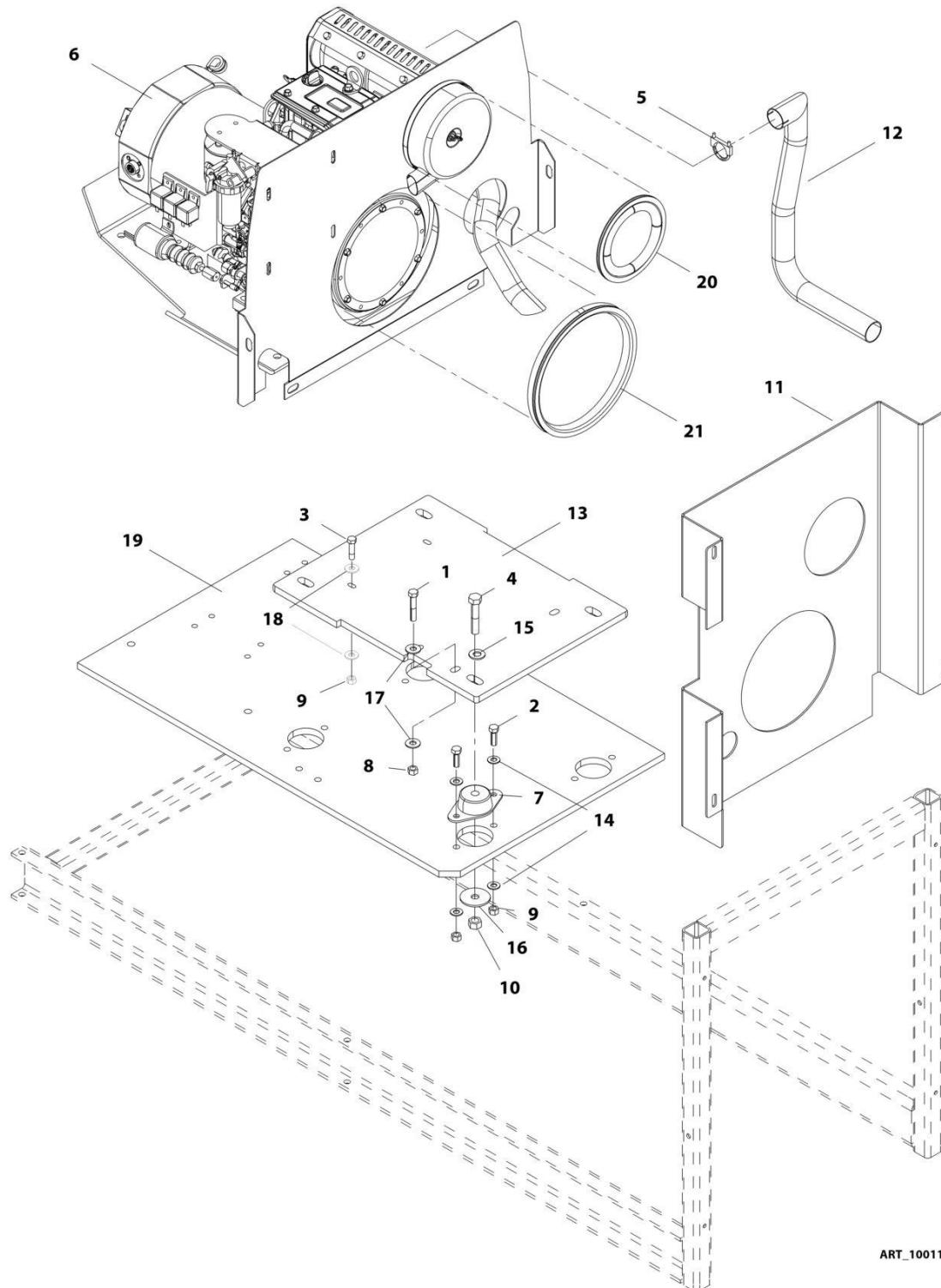
## SECTION 3 - ENGINE

**FIGURE 3-2. KUBOTA ENGINE/GENERATOR INSTALLATION - M3369/M4069 (WITH AGM BATTERY)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202685	Ref	KUBOTA ENGINE/GENERATOR INSTALLATION - M3369/M4069 (WITH AGM BATTERY)	C
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
4	1001196117	1	Battery	
6	0641418	4	Bolt 1/4 x 2-14	
10	0641432	2	Bolt 3/8 x 4	
11	0641660	2	Bolt 3/8 x 7-1/2	
12	0902659	1	Bracket, Hold-Down	
13	1060820	1	Cable, Battery (Battery + to Starter)	
14	1060916	1	Cable, Battery (Generator – to Controller –)	
15	1060917	1	Cable, Battery (Lower Generator + to Contactor +)	
16	1060950	1	Cable, Battery (Battery – to Ground)	
17	1320022	5	Clamp	
19	1671010	1	Cover, Engine	
21	1001159358	1	Kubota Motor/Generator Assembly (See Separate Breakdown in this Section) ( <b>SN 0200230092 through 0200266243</b> )	
21	1001159358	1	Kubota Motor/Generator Assembly (See Separate Breakdown in this Section) ( <b>SN M200000100 through M020028845</b> )	
21	1001242115	1	Kubota Motor/Generator Assembly (See Separate Breakdown in this Section) ( <b>SN M200028846 through M200032748</b> )	
21	1001248084	1	Kubota Motor/Generator Assembly (See Separate Breakdown in this Section) ( <b>SN M200032749 through M200039307</b> )	
22	2220805	1	Fitting, 90 NPT/Barbed	
27	2720271	10 ft /3m	Hose	
28	2820135	1	Insulation	
29	2820136	1	Insulation	
30	2820137	1	Insulation	
31	2820138	1	Insulation	
32	2820228	1	Insulation	
33	1001166302	1	Cover, Front (Includes PC Board)	
33	1001165794	1	Cover, Front (Less PC Board)	
33A	0610131	1	PC Board, LED Light	
34	2940137	1	Latch	
35	3300374	1	Nut	
36	3311405	4	Nut 1/4	
38	3311605	4	Nut 3/8	
39	3322202	5	Nut	
40	3760348	4	Ring, Retaining	
41	3841233	4	Rod, Roller	
42	3860059	4	Roller, Extension	
43	3900184	1	Screw #10 x 5/8	
44	3960389	2 ft /60cm	Seal	
45	3960418	2 ft /60cm	Seal	
46	4160189	1	Spring	
48	4711400	8	Washer 1/4	
51	4751600	6	Washer 3/8	
52	4752200	4	Washer 3/4	

## SECTION 3 - ENGINE

FIGURE 3-3. KUBOTA MOTOR/GENERATOR ASSEMBLY (SN 0200230092 through 0200266243, SN M200000100 through M20028845)



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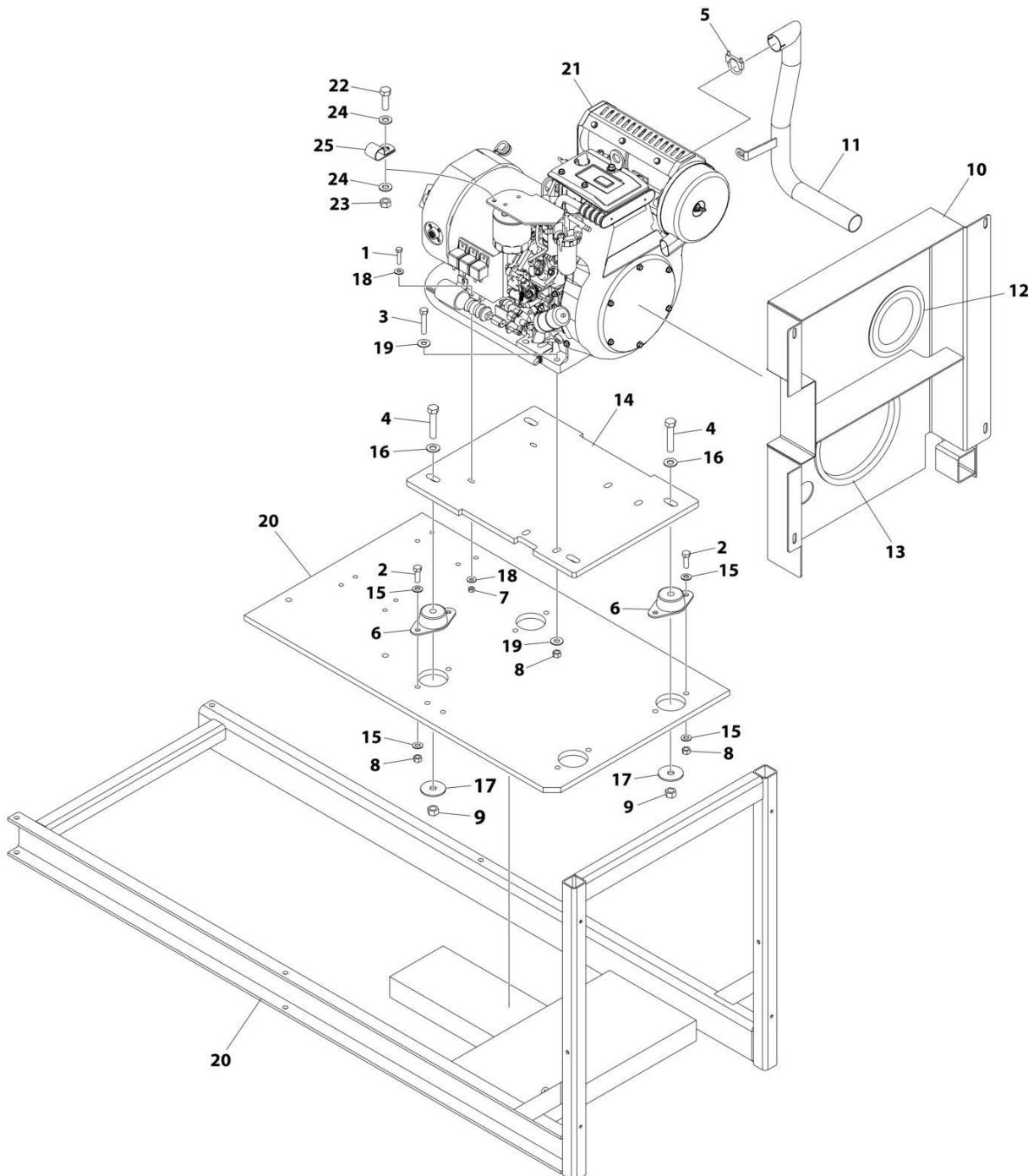
## SECTION 3 - ENGINE

**FIGURE 3-3. KUBOTA MOTOR/GENERATOR ASSEMBLY (SN 0200230092 through 0200266243, SN M200000100 through M200028845)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001159358	Ref	KUBOTA MOTOR/GENERATOR ASSEMBLY	
1	0641410	2	Bolt 1/4 x 1-1/4	
2	0641609	8	Bolt 3/8 x 1-1/8	
3	0641616	4	Bolt 3/8 x 2	
4	0641820	4	Bolt 1/2 x 2-1/2	
5	1320135	1	Clamp	
6	1001159355	1	Engine, Kubota (See Separate Breakdown in this Section)	
7	3200425	4	Mount, Engine	
8	3311405	2	Nut 1/4	
9	3311605	12	Nut 3/8	
10	3311805	4	Nut 1/2	
11	3380609	1	Plate, Baffle	
12	3460475	1	Pipe, Exhaust	
13	4341095	1	Plate, Mounting	
14	4711600	16	Washer 3/8	
15	4711800	4	Washer 1/2	
16	4740274	4	Washer	
17	4751400	4	Washer 1/4	
18	4751600	8	Washer 3/8	
19	4846317	1	Tray	
20	3960389	18 in /46cm	Seal	
21	3960418	28 in /71cm	Seal	

## SECTION 3 - ENGINE

FIGURE 3-4. KUBOTA MOTOR/GENERATOR ASSEMBLY (SN M200028846 through M200032748)



ART\_1001242115

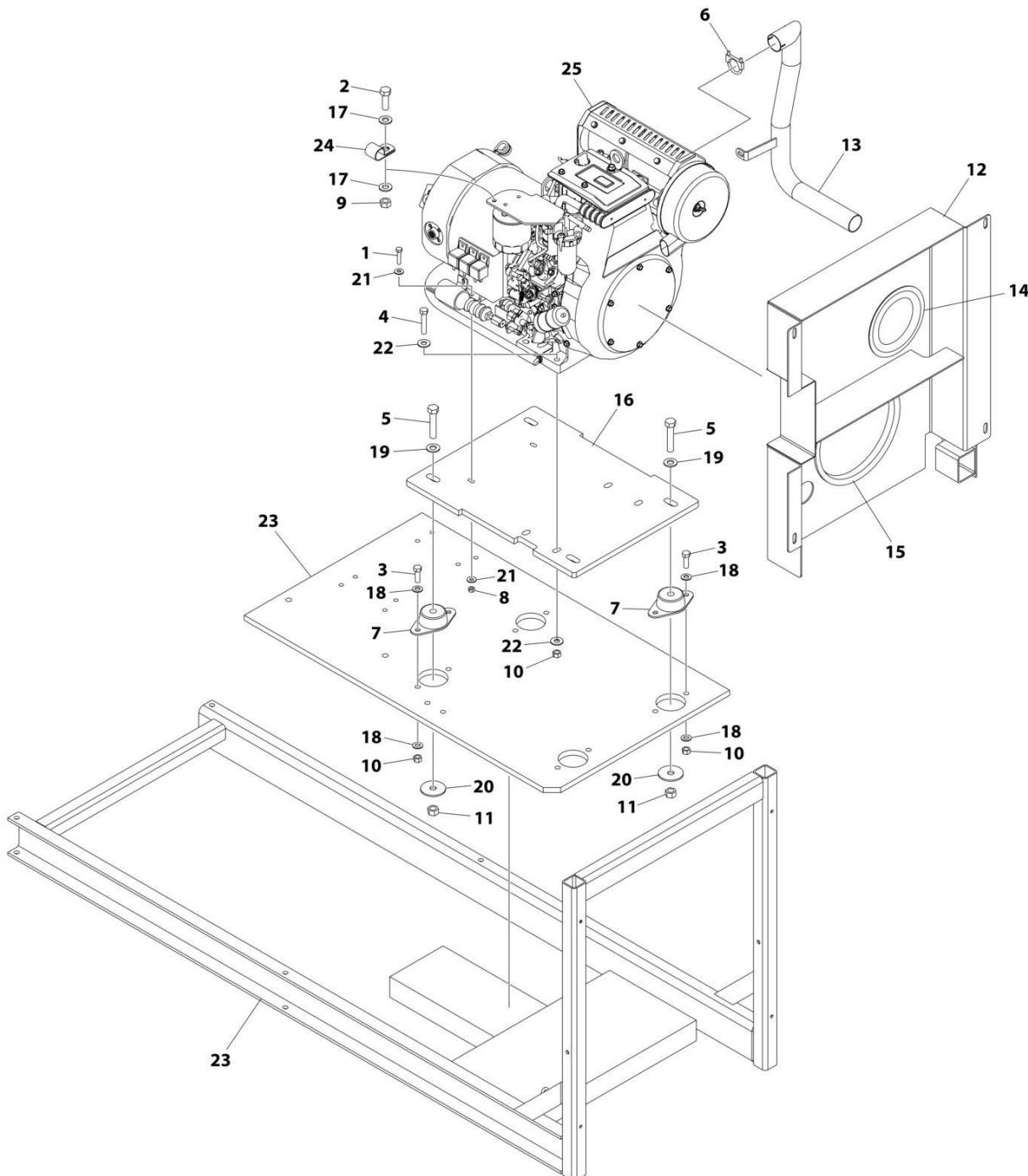
## SECTION 3 - ENGINE

**FIGURE 3-4. KUBOTA MOTOR/GENERATOR ASSEMBLY (SN M200028846 through M200032748)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242115	Ref	KUBOTA MOTOR/GENERATOR ASSEMBLY	
1	0641410	2	Bolt 1/4 x 1-1/4	
2	0641609	8	Bolt 3/8 x 1-1/8	
3	0641616	4	Bolt 3/8 x 2	
4	0641820	4	Bolt 1/2 x 2-1/2	
5	1320135	1	Clamp	
6	3200425	4	Mount Engine	
7	3311405	2	Nut 1/4	
8	3311605	12	Nut 3/8	
9	3311805	4	Nut 1/2	
10	3380609	1	Plate, Baffle	
11	3460475	1	Pipe, Exhaust	
12	3960389	20 in/ 150cm	Seal	
13	3960418	28 in/ 170cm	Seal	
14	4341095	1	Plate, Mounting	
15	4711600	16	Washer 3/8	
16	4711800	4	Washer 1/2	
17	4740274	4	Washer	
18	4751400	4	Washer 1/4	
19	4751600	8	Washer 3/8	
20	4846317	1	Tray	
21	1001233626	1	Engine, Kubota (See Separate Breakdown in this Section)	
22	0641508	1	Bolt 5/16 x 1	
23	3311505	1	Nut 5/16	
24	4711500	2	Washer 5/16	
25	8406101	1	Clip	

## SECTION 3 - ENGINE

FIGURE 3-5. KUBOTA MOTOR/GENERATOR ASSEMBLY (SN M200032749 through M200039307)



ART\_1001248084

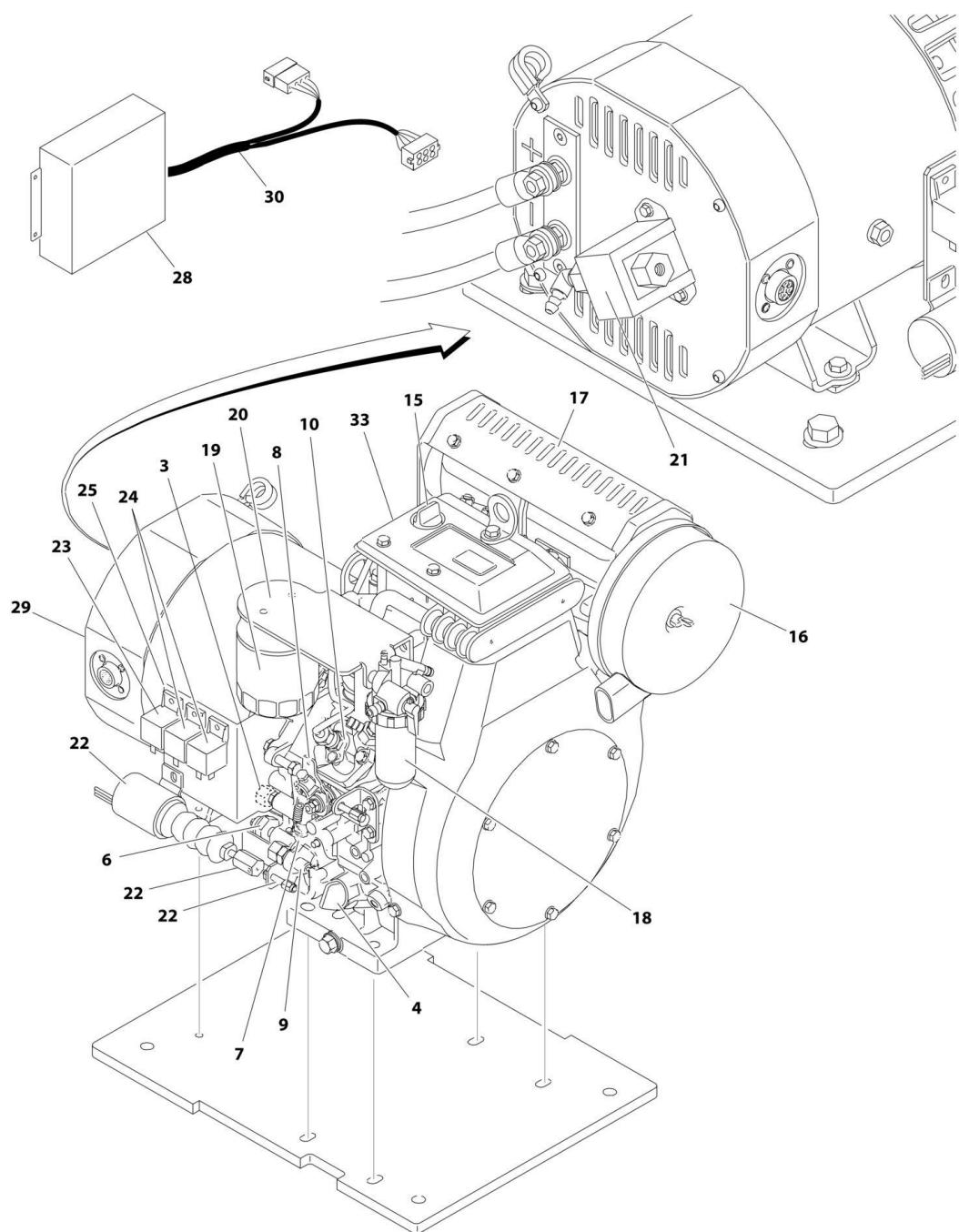
## SECTION 3 - ENGINE

FIGURE 3-5. KUBOTA MOTOR/GENERATOR ASSEMBLY (SN M200032749 through M200039307)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248084	Ref	KUBOTA MOTOR/GENERATOR ASSEMBLY	
1	0641410	2	Bolt 1/4 x 1-1/4	
2	0641508	1	Bolt 5/16 x 1	
3	0641609	8	Bolt 3/8 x 1-1/8	
4	0641616	4	Bolt 3/8 x 2	
5	0641820	4	Bolt 1/2 x 2-1/2	
6	1320135	1	Clamp	
7	3200425	4	Mount Engine	
8	3311405	2	Nut 1/4	
9	3311505	1	Nut 5/16	
10	3311605	12	Nut 3/8	
11	3311805	4	Nut 1/2	
12	3380609	1	Plate, Baffle	
13	3460475	1	Pipe, Exhaust	
14	3960389	20 in/ 150cm	Seal	
15	3960418	28 in/ 170cm	Seal	
16	4341095	1	Plate, Mounting	
17	4711500	2	Washer 5/16	
18	4711600	16	Washer 3/8	
19	4711800	4	Washer 1/2	
20	4740274	4	Washer	
21	4751400	4	Washer 1/4	
22	4751600	8	Washer 3/8	
23	4846317	1	Tray	
24	8406101	1	Clip	
25	1001248083	1	Engine, Kubota (See Separate Breakdown in this Section)	

## SECTION 3 - ENGINE

**FIGURE 3-6. KUBOTA MOTOR/GENERATOR COMPONENTS (SN 0200230092 through 0200266243,  
SN M200000100 through M200028845)**



ART\_1001159355

## SECTION 3 - ENGINE

**FIGURE 3-6. KUBOTA MOTOR/GENERATOR COMPONENTS (SN 0200230092 through 0200266243,  
SN M200000100 through M200028845)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001159355	Ref	KUBOTA MOTOR/GENERATOR COMPONENTS	
1	70000290	1	Glow Plug (Not Shown)	
1	70000291	1	Harness, Glow Plug (Not Shown)	
2	70000292	1	Screen, Oil Sump (Includes O-Ring)	
3	70000293	1	Cap, Oil Filler (Includes O-Ring)	
4	70000294	1	Dipstick	
5	70000295	1	Pump, Oil Rotor (Not Shown - Located beside Item 6)	
5	70000296	1	O-Ring Oil Rotor Pump (Not Shown)	
6	70000297	1	Switch, Oil	
7	70000298	1	Lever, Governor	
7	70000299	1	Pin, Governor Lever	
7	70000300	1	Spring, Governor Lever	
8	70000301	1	Spring, Idling	
8	70000304	1	Lever, Spring Control	
8	70000305	1	Spring, Stop (Speed Control Lever)	
9	70000302	1	Valve, Fuel Limit (Not Shown)	
9	70000303	1	Gasket, Fuel Limit (Not Shown)	
10	70000306	1	Pump, Injection	
10	70000307	1	Kit, Pump Adjustment Shim	
11	70000308	1	Flywheel/Ring Gear Assembly (Not Shown - Located Behind Front Cover)	
11	70000309	1	Ring Gear (Not Shown)	
11	70001121	1	Stator, Engine (Not Shown - Located Behind Flywheel) (Includes Coil and Grommet)	
12	70003557	1	Regulator, Voltage (Not Shown - Located on Opposite Side of Engine)	
13	70000310	1	Starter (Not Shown - Located on Opposite of Engine)	
14	70000311	1	Solenoid, Starter (Not Shown - Located on Opposite Side of Engine)	
15	70002244	1	Cap, Oil Filler (Includes O-Ring)	
16	70000312	1	Air Filter Assembly	
16	70000313	1	Element, Air Cleaner	
16	70000314	1	Gasket, Air Cleaner	
17	70000315	1	Muffler Assembly	
17	70000316	1	Gasket, Muffler	
18	70000317	1	Inline Fuel Check Valve Assembly	
18	70000967	1	Fuel Filter Assembly	
18	70000318	1	Element, Fuel Filter	
19	70000319	1	Element, Oil Filter	
19	70001144	1	Head, Oil Filter Head (Note: Does Not Include Element)	
20	70002544	1	Bracket, Oil Filter Mount	
21	70000320	1	Pump, Fuel	
22	70000321	1	Solenoid, Fuel	
22	70003618	1	Adapter, Solenoid	
22	70003619	1	Screw	
23	70000322	1	Relay	
24	70000323	2	Relay	
25	70002083	1	Bracket, Solenoid/Relay	
26	70000324	1	Sensor, Speed (Not Shown - Located Inside Front Cover)	
26	70004265	1	Bracket, Speed Sensor (Not Show - Located Inside Front Cover)	

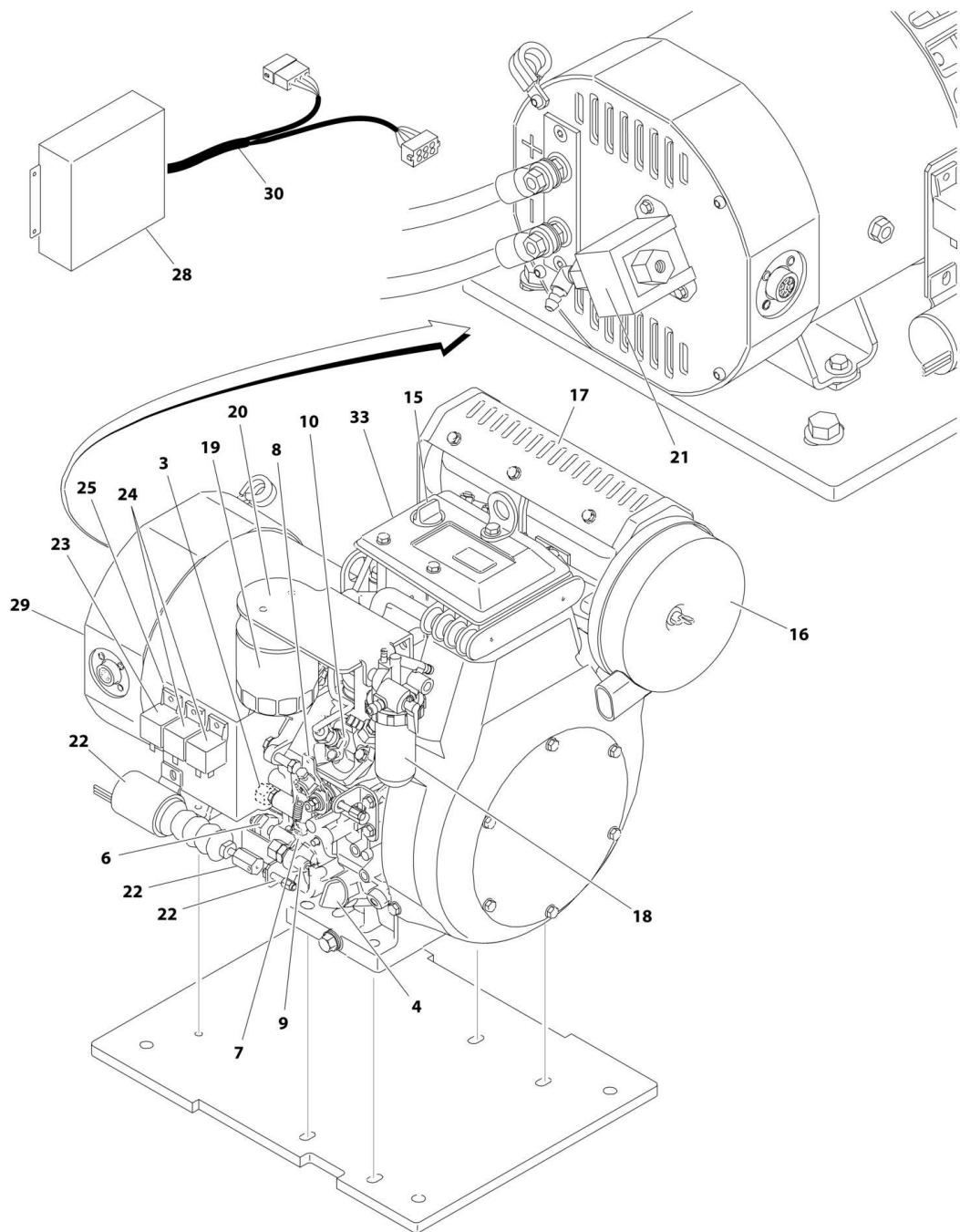
## SECTION 3 - ENGINE

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



## **SECTION 3 - ENGINE**

**FIGURE 3-7. KUBOTA MOTOR/GENERATOR COMPONENTS (SN M200028846 through M200032748)**



ART\_1001233626

## SECTION 3 - ENGINE

**FIGURE 3-7. KUBOTA MOTOR/GENERATOR COMPONENTS (SN M200028846 through M200032748)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233626	Ref	KUBOTA MOTOR/GENERATOR COMPONENTS	
1	70000290	1	Glow Plug (Not Shown)	
1	70000291	1	Harness, Glow Plug (Not Shown)	
2	70000292	1	Screen, Oil Sump (Includes O-Ring)	
3	70000293	1	Cap, Oil Filler (Includes O-Ring)	
4	70000294	1	Dipstick	
5	70000295	1	Pump, Oil Rotor (Not Shown - Located beside Item 6)	
5	70000296	1	O-Ring Oil Rotor Pump (Not Shown)	
6	70000297	1	Switch, Oil	
7	70000298	1	Lever, Governor	
7	70000299	1	Pin, Governor Lever	
7	70000300	1	Spring, Governor Lever	
8	70000301	1	Spring, Idling	
8	70000304	1	Lever, Spring Control	
8	70000305	1	Spring, Stop (Speed Control Lever)	
9	70000302	1	Valve, Fuel Limit (Not Shown)	
9	70000303	1	Gasket, Fuel Limit (Not Shown)	
10	70000306	1	Pump, Injection	
10	70000307	1	Kit, Pump Adjustment Shim	
11	70000308	1	Flywheel/Ring Gear Assembly (Not Shown - Located Behind Front Cover)	
11	70000309	1	Ring Gear (Not Shown)	
11	70001121	1	Stator, Engine (Not Shown - Located Behind Flywheel) (Includes Coil and Grommet)	
12	70003557	1	Regulator, Voltage (Not Shown - Located on Opposite Side of Engine)	
13	70000310	1	Starter (Not Shown - Located on Opposite of Engine)	
14	70000311	1	Solenoid, Starter (Not Shown - Located on Opposite Side of Engine)	
15	70002244	1	Cap, Oil Filler (Includes O-Ring)	
16	70000312	1	Air Filter Assembly	
16	70000313	1	Element, Air Cleaner	
16	70000314	1	Gasket, Air Cleaner	
17	70000315	1	Muffler Assembly	
17	70000316	1	Gasket, Muffler	
18	70000317	1	Inline Fuel Check Valve Assembly	
18	70000967	1	Fuel Filter Assembly	
18	70000318	1	Element, Fuel Filter	
19	70000319	1	Element, Oil Filter	
19	70001144	1	Head, Oil Filter Head (Note: Does Not Include Element)	
20	70002545	1	Bracket, Oil Filter Mount	
21	70000320	1	Pump, Fuel	
22	70000321	1	Solenoid, Fuel	
22	70003618	1	Adapter, Solenoid	
22	70003619	1	Screw	
23	70000322	1	Relay	
24	70000323	2	Relay	
25	70002083	1	Bracket, Solenoid/Relay	
26	70000324	1	Sensor, Speed (Not Shown - Located Inside Front Cover)	
26	70004265	1	Bracket, Speed Sensor (Not Show - Located Inside Front Cover)	

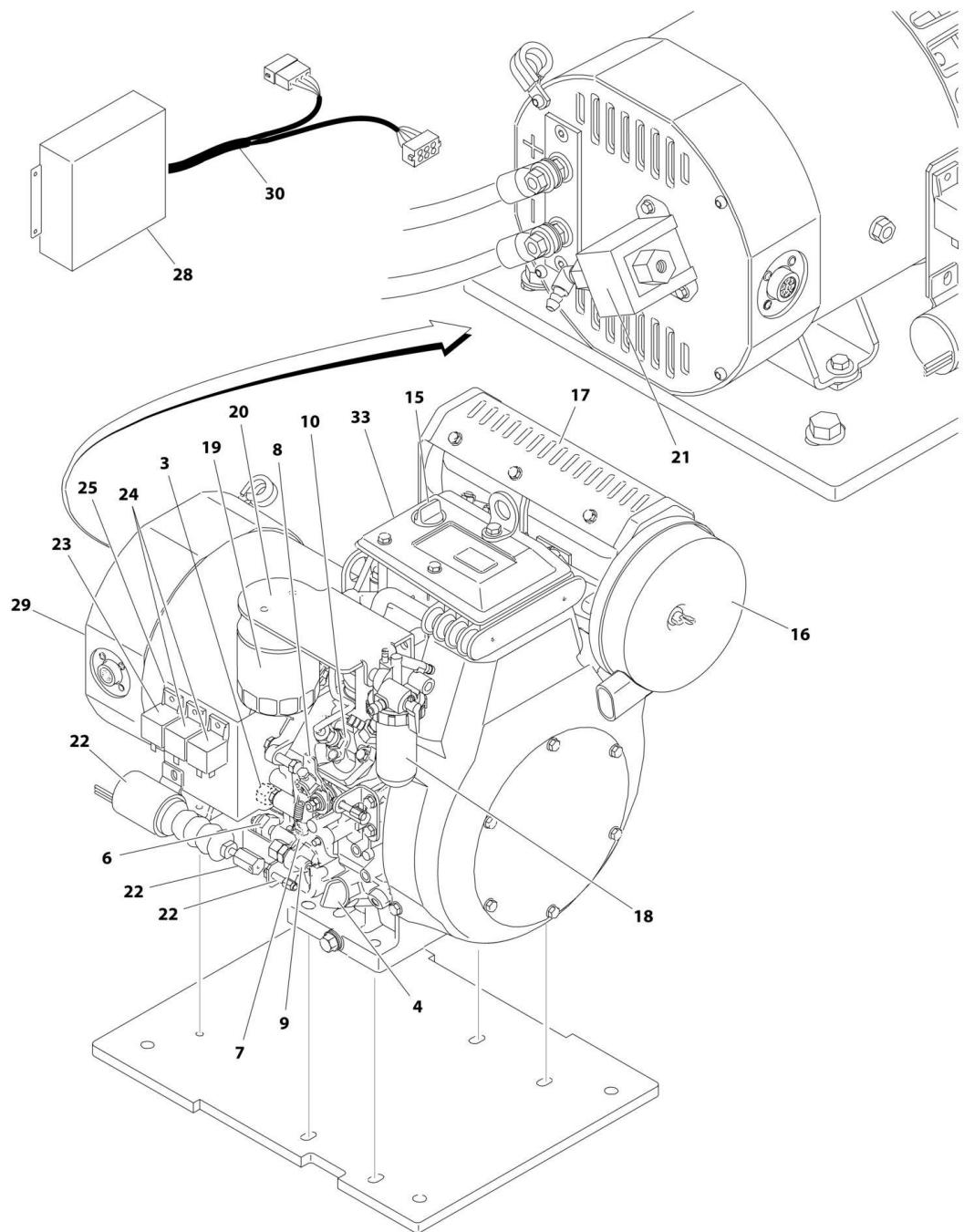
## SECTION 3 - ENGINE

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



## SECTION 3 - ENGINE

FIGURE 3-8. KUBOTA MOTOR/GENERATOR COMPONENTS (SN M200032749 through M200039307)



ART\_1001248083

## SECTION 3 - ENGINE

**FIGURE 3-8. KUBOTA MOTOR/GENERATOR COMPONENTS (SN M200032749 through M200039307)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248083	Ref	KUBOTA MOTOR/GENERATOR COMPONENTS	
1	70000290	1	Glow Plug (Not Shown)	
1	70000291	1	Harness, Glow Plug (Not Shown)	
2	70000292	1	Screen, Oil Sump (Includes O-Ring)	
3	70000293	1	Cap, Oil Filler (Includes O-Ring)	
4	70000294	1	Dipstick	
5	70000295	1	Pump, Oil Rotor (Not Shown - Located beside Item 6)	
5	70000296	1	O-Ring Oil Rotor Pump (Not Shown)	
6	70000297	1	Switch, Oil	
7	70000298	1	Lever, Governor	
7	70000299	1	Pin, Governor Lever	
7	70000300	1	Spring, Governor Lever	
8	70000301	1	Spring, Idling	
8	70000304	1	Lever, Spring Control	
8	70000305	1	Spring, Stop (Speed Control Lever)	
9	70000302	1	Valve, Fuel Limit (Not Shown)	
9	70000303	1	Gasket, Fuel Limit (Not Shown)	
10	70000306	1	Pump, Injection	
10	70000307	1	Kit, Pump Adjustment Shim	
11	70000308	1	Flywheel/Ring Gear Assembly (Not Shown - Located Behind Front Cover)	
11	70000309	1	Ring Gear (Not Shown)	
11	70001121	1	Stator, Engine (Not Shown - Located Behind Flywheel) (Includes Coil and Grommet)	
12	70003557	1	Regulator, Voltage (Not Shown - Located on Opposite Side of Engine)	
13	70000310	1	Starter (Not Shown - Located on Opposite of Engine)	
14	70000311	1	Solenoid, Starter (Not Shown - Located on Opposite Side of Engine)	
15	70002244	1	Cap, Oil Filler (Includes O-Ring)	
16	70000312	1	Air Filter Assembly	
16	70000313	1	Element, Air Cleaner	
16	70000314	1	Gasket, Air Cleaner	
17	70000315	1	Muffler Assembly	
17	70000316	1	Gasket, Muffler	
18	70000317	1	Inline Fuel Check Valve Assembly	
18	70000967	1	Fuel Filter Assembly	
18	70000318	1	Element, Fuel Filter	
19	70000319	1	Element, Oil Filter	
19	70001144	1	Head, Oil Filter Head (Note: Does Not Include Element)	
20	70002545	1	Bracket, Oil Filter Mount	
21	70000320	1	Pump, Fuel	
22	70000321	1	Solenoid, Fuel	
22	70003618	1	Adapter, Solenoid	
22	70003619	1	Screw	
23	70000322	1	Relay	
24	70000323	2	Relay	
25	70002083	1	Bracket, Solenoid/Relay	
26	70000324	1	Sensor, Speed (Not Shown - Located Inside Front Cover)	
26	70004265	1	Bracket, Speed Sensor (Not Show - Located Inside Front Cover)	

## SECTION 3 - ENGINE

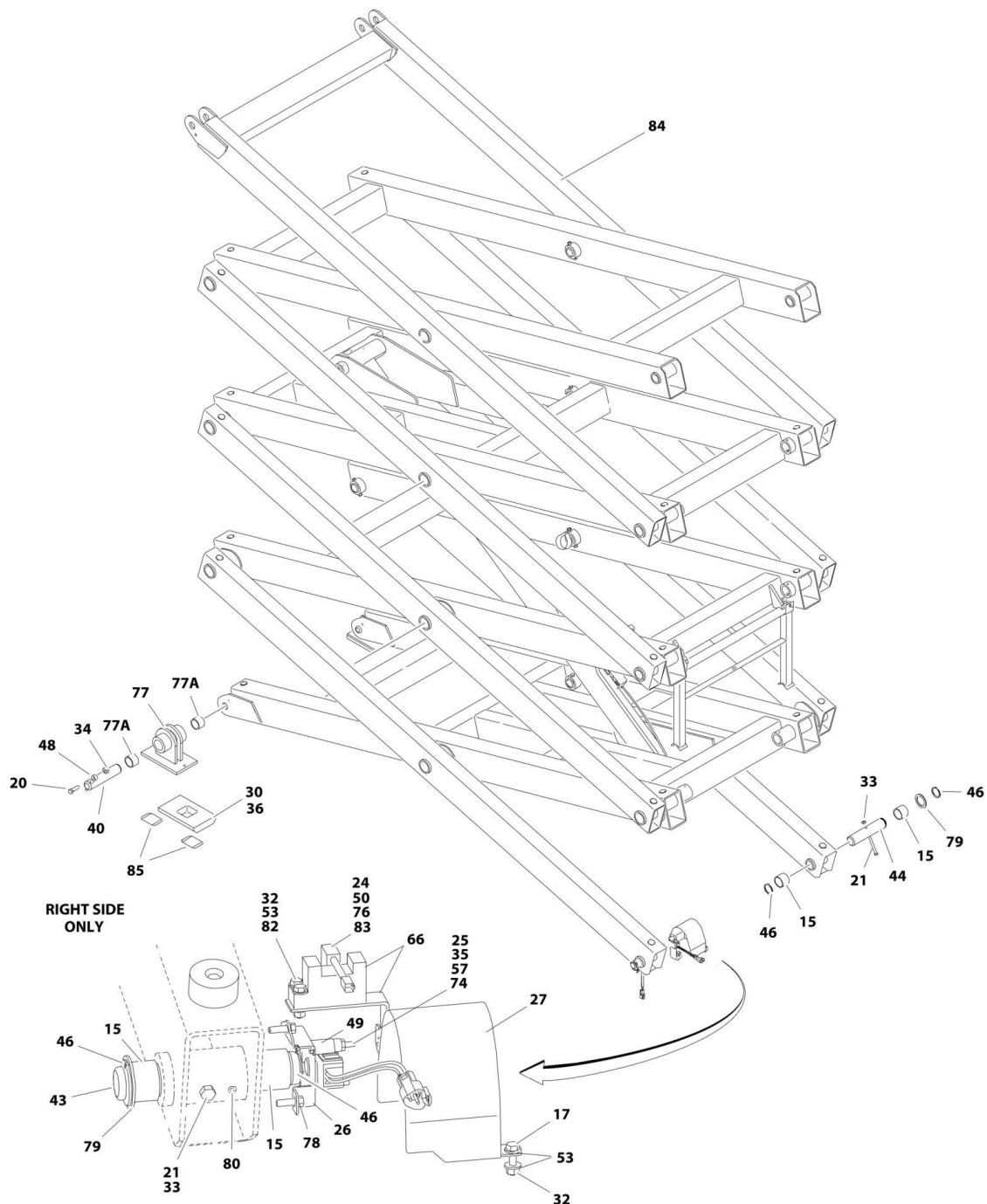
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
27	70000325	1	Sensor, Oil Temperature (Not Shown - Located on Opposite Side of Engine Base)	
28	70000326	1	Module, Engine Control	
29	70000327	1	Alternator	
29	70000382	1	Stator, Alternator	
29	70004394	1	Lead, Field Terminal Block Diode	
30	70000328	1	Harness, Generator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

## **SECTION 4 - SCISSORS ARMS**

### **SECTION 4 - SCISSORS ARMS**

## **SECTION 4 - SCISSORS ARMS**

**FIGURE 4-1. SCISSORS ARMS INSTALLATION WITHOUT LSS - 3369LE/M3369**



ART\_0272932

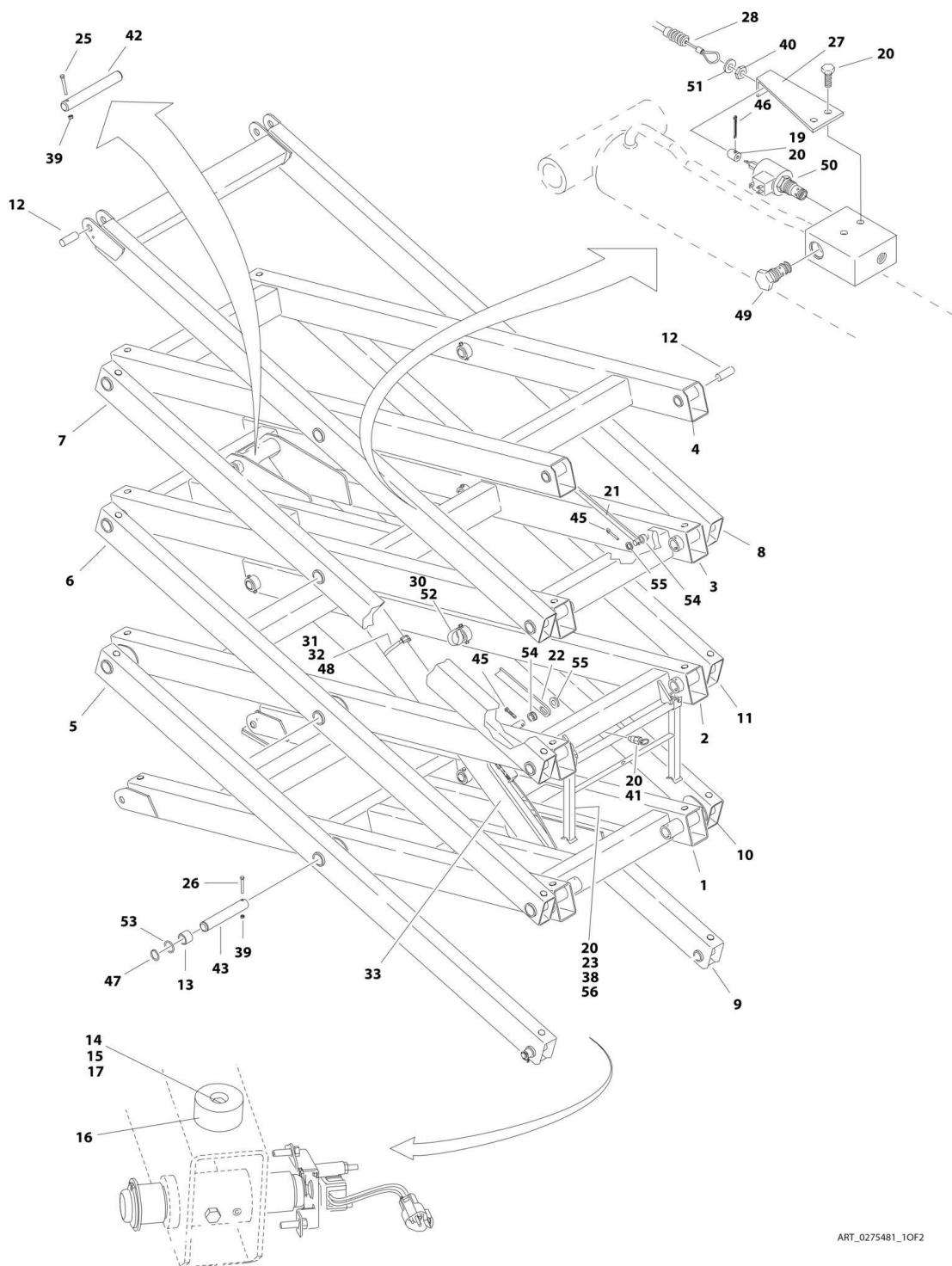
## SECTION 4 - SCISSORS ARMS

**FIGURE 4-1. SCISSORS ARMS INSTALLATION WITHOUT LSS - 3369LE/M3369**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272932	Ref	SCISSORS ARMS INSTALLATION WITHOUT LSS - 3369LE/M3369	L
15	0440234	4	Bushing	
17	0641408	2	Bolt 1/4 x 1	
20	0641610	2	Bolt 3/8 x 1-1/4	
21	0681520	2	Bolt 5/16 x 2-1/2 Grade 8	
24	3900325	2	Screw #10 x 1/2	
25	0721014	2	Screw #10 x 1-3/4	
25	0731012	2	Screw #10 x 1-1/2	
26	0902713	1	Bracket, Limit Switch	
27	1670965	1	Cover, Limit Switch	
30	3020022	AR	Lubricant	
32	3311405	4	Nut 1/4	
33	3311505	2	Nut 5/16	
34	3311605	2	Nut 3/8	
35	3311001	2	Nut #10	
35	3321001	2	Nut #10	
36	3340856	2	Pad, Slide	
40	3422822	2	Pin	
43	3422905	1	Pin	
44	3422907	1	Pin	
46	3760387	4	Ring, Retaining	
48	3841143	2	Keeper, Pin	
49	4360500	1	Switch, Rotary Angle Sensor	
49	77363243	1	Receptacle, Female - 3 Position	
49	4460464	3	Pin, Male	
50	4360502	1	Switch, Proximity Sensor	
50	4460897	1	Connector, Female - 2 Position	
50	4460464	2	Pin, Male	
53	4711400	8	Washer 1/4	
57	4751000	4	Washer #10	
60	1271441	1	Channel, Arm Retainer (Not Shown)	
66	3200453	1	Block, Mounting	
66	0903273	1	Bracket, Switch	
74	0100035	AR	Compound, Locking	
75	4922543	1	Harness, Lift Down (Lower) (Not Shown - See ELECTRICAL SECTION for Breakdown)	
76	3300455	2	Nut #10	
77	1001099550	2	Slider (Bottom)	
77A	0440234	4	Bushing (2 Per Assembly)	
78	0791406	3	Screw 1/4 x 3/4	
79	4740438	2	Washer	
80	3422927	1	Rollpin	
82	0641410	2	Bolt 1/4 x 1-1/4	
83	4740506	2	Washer	
84	0275481	1	Scissors Arms Assembly (See SCISSORS ARMS ASSEMBLY WITHOUT LSS - 3369LE/M3369 for Breakdown)	
85	1001125245	1	Decal Kit - Calibration (Includes 2 Decals)	

## SECTION 4 - SCISSORS ARMS

FIGURE 4-2. SCISSORS ARMS ASSEMBLY WITHOUT LSS - 3369LE/M3369



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## SECTION 4 - SCISSORS ARMS

**FIGURE 4-2. SCISSORS ARMS ASSEMBLY WITHOUT LSS - 3369LE/M3369**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275481	Ref	SCISSORS ARMS ASSEMBLY WITHOUT LSS - 3369LE/M3369	
1	0200654	1	Arm Weldment (Bottom Inboard)	
2	0200655	1	Arm Weldment (Lower Mid Inboard)	
3	0200656	1	Arm Weldment (Upper Mid Inboard)	
4	0200724	1	Arm Weldment (Top Inboard)	
5	0200658	1	Arm Weldment (Bottom Left Side Outboard)	
6	0200659	1	Arm Weldment (Lower Mid Left Side Outboard)	
7	0200660	1	Arm Weldment (Upper Mid Left Side Outboard)	
8	0200725	1	Arm Weldment (Top Outboard)	
9	0200667	1	Arm Weldment (Bottom Right Side Outboard)	
10	0200668	1	Arm Weldment (Lower Mid Right Side Outboard)	
11	0200669	1	Arm Weldment (Upper Mid Right Side Outboard)	
12	0440250	4	Bushing	
13	0440236	40	Bushing	
14	0641510	24	Bolt 5/16 x 1-1/4	
15	3311505	24	Nut 5/16	
16	3340866	24	Pad, Arm	
17	4711500	24	Washer 5/16	
19	0080228	1	Adapter, Cable	
20	0100011	AR	Compound, Locking	
21	0362840	1	Bar, Cable Carrier	
22	0362841	1	Bar, Cable Carrier	
23	0641418	2	Bolt 1/4 x 2-1/4	
24	0641506	2	Bolt 5/16 x 3/4	
25	0681622	2	Bolt 3/8 x 2-3/4 Grade 8	
26	0681624	20	Bolt 3/8 x 3 Grade 8	
27	0902421	1	Bracket, Cable	
28	1060846	1	Cable, Manual Descent	
29	1060866	1	Cable, Electrical - 12/3 (Not Shown)	
30	1320110	1	Clamp, Support	
31	1320122	1	Clamp	
32	1670995	1	Cover, Hose/Cable	
33	1684119	1	Lift Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
38	3300151	2	Nut 1/4	
39	3311605	22	Nut 3/8	
40	3321402	2	Nut 1/4	
41	3422369	1	Pin, Plunger	
42	3422778	2	Pin, Pivot	
43	3422825	16	Pin, Pivot	
44	3422826	4	Pin, Pivot	
45	3450304	4	Pin, Cotter 3/32 x 1	
46	3450405	1	Pin, Cotter	
47	3760420	20	Ring, Retaining	
48	4280295	6 in/15cm	Strip, Protective	
49	4641002	1	Cartridge, Check/Restrictor Valve	
49	7012953	1	Seal Kit - 4641002 Valve	
50	4641172	1	Cartridge, Solenoid Valve	
50	7017445	1	Cartridge, Valve Less Coil	
50	7012967	1	Seal Kit - 7017445 Valve	
50	7012943	1	Coil	

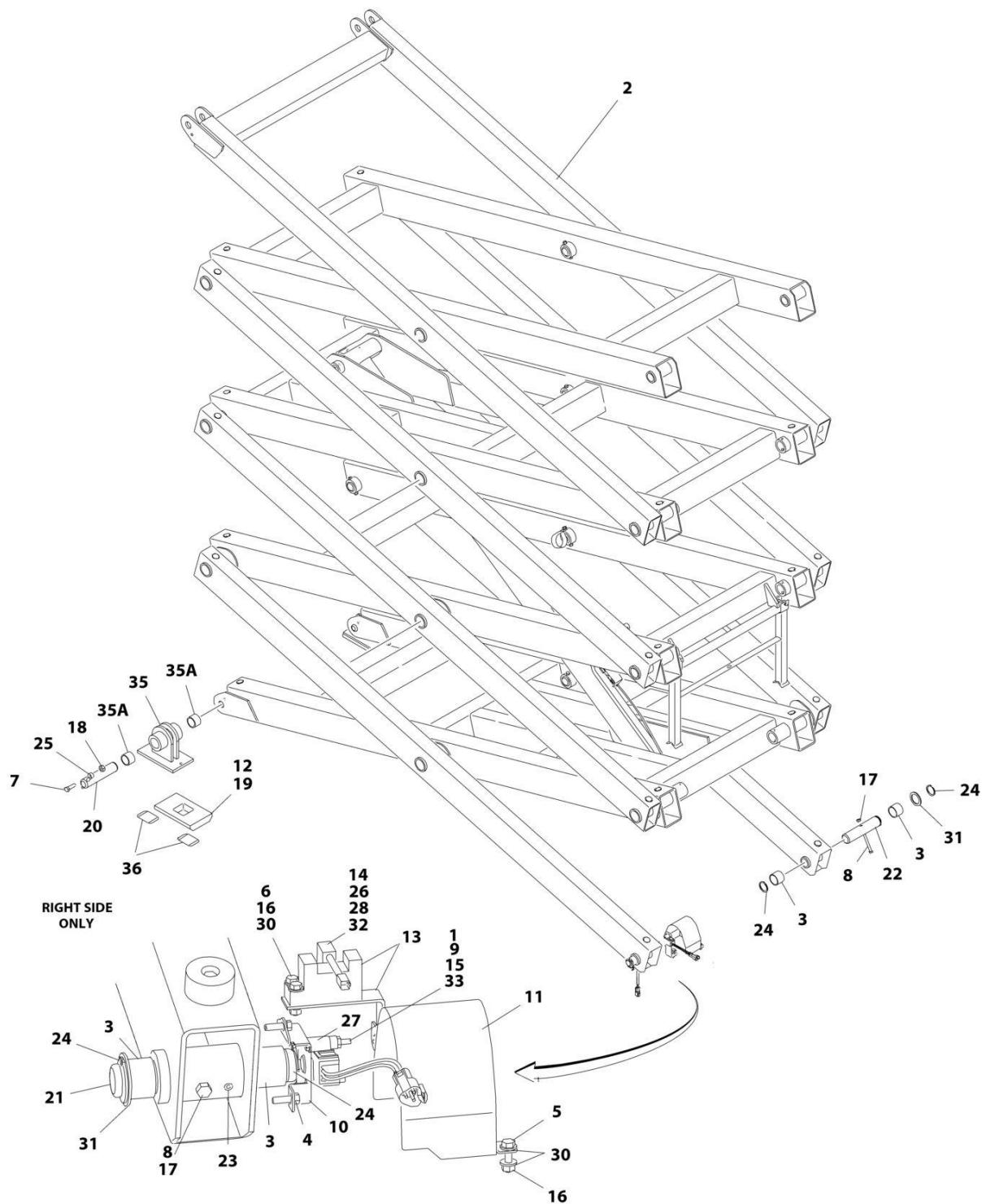
## SECTION 4 - SCISSORS ARMS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
51	4711400	1	Washer 1/4	
52	4711600	1	Washer 3/8	
53	4740332	20	Washer, Special	
54	4740480	4	Washer, Plastic Insert	
55	4751500	4	Washer 5/16	
56	4846020	1	Prop, Safety	
57	4922477	1	Platform Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
58	4922544	1	Lift Down Harness (Upper) (Not Shown - See ELECTRICAL SECTION for Breakdown)	
60	2902253	1	Arm Kit (Includes Items 1-17) (Not Shown)	D



## SECTION 4 - SCISSORS ARMS

FIGURE 4-3. SCISSORS ARMS INSTALLATION WITH LSS - 3369LE/M3369



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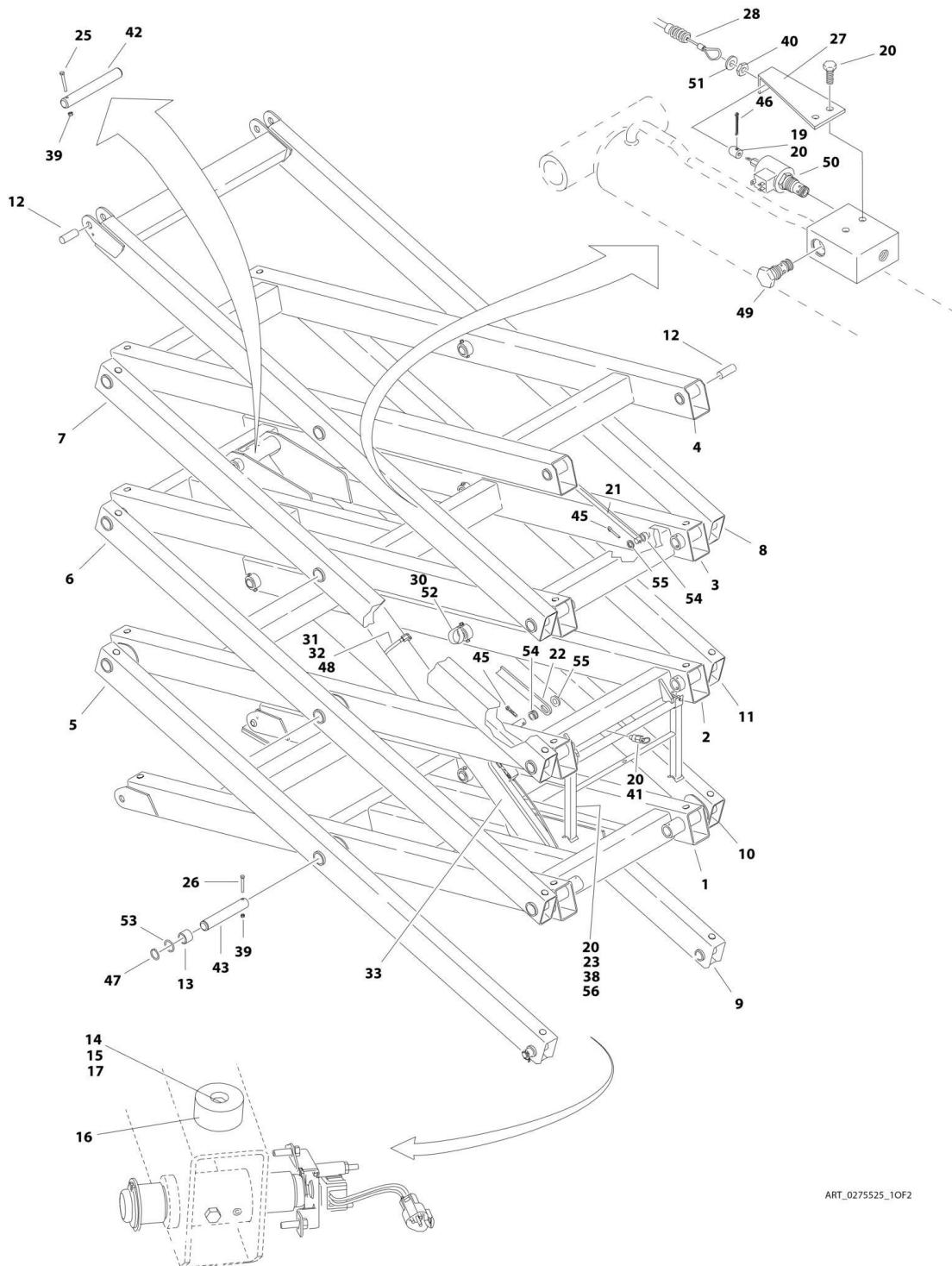
## SECTION 4 - SCISSORS ARMS

**FIGURE 4-3. SCISSORS ARMS INSTALLATION WITH LSS - 3369LE/M3369**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275552	Ref	SCISSORS ARMS INSTALLATION WITH LSS - 3369LE/M3369	
1	0100035	AR	Compound, Locking	
2	0275525	1	Scissors Arms Assembly (See Separate Breakdown in this Section)	
3	0440234	4	Bushing	
4	0791406	3	Screw 1/4 x 3/4	
5	0641408	2	Bolt 1/4 x 1	
6	0641410	2	Bolt 1/4 x 1-1/4	
7	0641610	2	Bolt 3/8 x 1-1/4	
8	0681520	2	Bolt 5/16 x 2-1/2 Grade 8	
9	0721014	2	Screw #10 x 1-3/4	
9	0731012	2	Screw #10 x 1-1/2	
10	0902713	1	Bracket, Limit Switch	
11	1670965	1	Cover, Limit Switch	
13	3200453	1	Block, Mounting	
13	0903273	1	Bracket, Switch	
14	3300455	2	Nut #10	
15	3311001	2	Nut #10	
15	3321001	2	Nut #10	
16	3311405	4	Nut 1/4	
17	3311505	2	Nut 5/16	
18	3311605	2	Nut 3/8	
19	3340856	2	Pad, Slide	
20	3422822	2	Pin	
21	3422905	1	Pin	
22	3422907	1	Pin	
23	3422927	1	Rollpin	
24	3760387	4	Ring, Retaining	
25	3841143	2	Keeper, Pin	
26	3900325	2	Screw #10 x 1/2	
27	4360500	1	Switch, Rotary Angle Sensor	
27	77363243	1	Receptacle, Female - 3 Position	
27	4460464	3	Pin, Male	
28	4360502	1	Switch, Proximity Sensor	
28	4460897	1	Connector, Female - 2 Position	
28	4460464	2	Pin, Male	
29	1271441	1	Channel, Arm Retainer (Not Shown)	
30	4711400	8	Washer 1/4	
31	4740438	2	Washer	
32	4740506	2	Washer	
33	4751000	4	Washer #10	
34	4922543	1	Harness, Lift Down (Lower) (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
35	1001099550	2	Slider (Bottom)	
35A	0440234	4	Bushing (2 Per Assembly)	
36	1001125245	1	Decal Kit - Calibration (Includes 2 Decals)	

## SECTION 4 - SCISSORS ARMS

FIGURE 4-4. SCISSORS ARMS ASSEMBLY WITH LSS - 3369LE/M3369



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## SECTION 4 - SCISSORS ARMS

**FIGURE 4-4. SCISSORS ARMS ASSEMBLY WITH LSS - 3369LE/M3369**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275525	Ref	SCISSORS ARMS ASSEMBLY WITH LSS - 3369LE/M3369	
1	0200654	1	Arm Weldment (Bottom Inboard)	
2	0200655	1	Arm Weldment (Lower Mid Inboard)	
3	0200656	1	Arm Weldment (Upper Mid Inboard)	
4	0200724	1	Arm Weldment (Top Inboard)	
5	0200658	1	Arm Weldment (Bottom Left Side Outboard)	
6	0200659	1	Arm Weldment (Lower Mid Left Side Outboard)	
7	0200660	1	Arm Weldment (Upper Mid Left Side Outboard)	
8	0200725	1	Arm Weldment (Top Outboard)	
9	0200667	1	Arm Weldment (Bottom Right Side Outboard)	
10	0200668	1	Arm Weldment (Lower Mid Right Side Outboard)	
11	0200669	1	Arm Weldment (Upper Mid Right Side Outboard)	
12	0440250	4	Bushing	
13	0440236	40	Bushing	
14	0641510	24	Bolt 5/16 x 1-1/4	
15	3311505	24	Nut 5/16	
16	3340866	24	Pad, Arm	
17	4711500	24	Washer 5/16	
19	0080228	1	Adapter, Cable	
20	0100011	AR	Compound, Locking	
21	0362840	1	Bar, Cable Carrier	
22	0362841	1	Bar, Cable Carrier	
23	0641418	2	Bolt 1/4 x 2-1/4	
24	0641506	2	Bolt 5/16 x 3/4	
25	0681622	2	Bolt 3/8 x 2-3/4 Grade 8	
26	0681624	20	Bolt 3/8 x 3 Grade 8	
27	0902421	1	Bracket, Cable	
28	1060846	1	Cable, Manual Descent	
29	1060866	1	Cable, Electrical - 12/3 (Not Shown)	
30	1320110	1	Clamp, Support	
31	1320122	1	Clamp	
32	1670995	1	Cover, Hose/Cable	
33	1684119	1	Lift Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
38	3300151	2	Nut 1/4	
39	3311605	22	Nut 3/8	
40	3321402	2	Nut 1/4	
41	3422369	1	Pin, Plunger	
42	3422778	2	Pin, Pivot	
43	3422825	16	Pin, Pivot	
44	3422826	4	Pin, Pivot	
45	3450304	4	Pin, Cotter 3/32 x 1	
46	3450405	1	Pin, Cotter	
47	3760420	20	Ring, Retaining	
48	4280295	6 in/15cm	Strip, Protective	
49	4641002	1	Cartridge, Check/Restrictor Valve	
49	7012953	1	Seal Kit - 4641002 Valve	
50	4641172	1	Cartridge, Solenoid Valve	
50	7017445	1	Cartridge, Valve Less Coil	
50	7012967	1	Seal Kit - 7017445 Valve	
50	7012943	1	Coil	

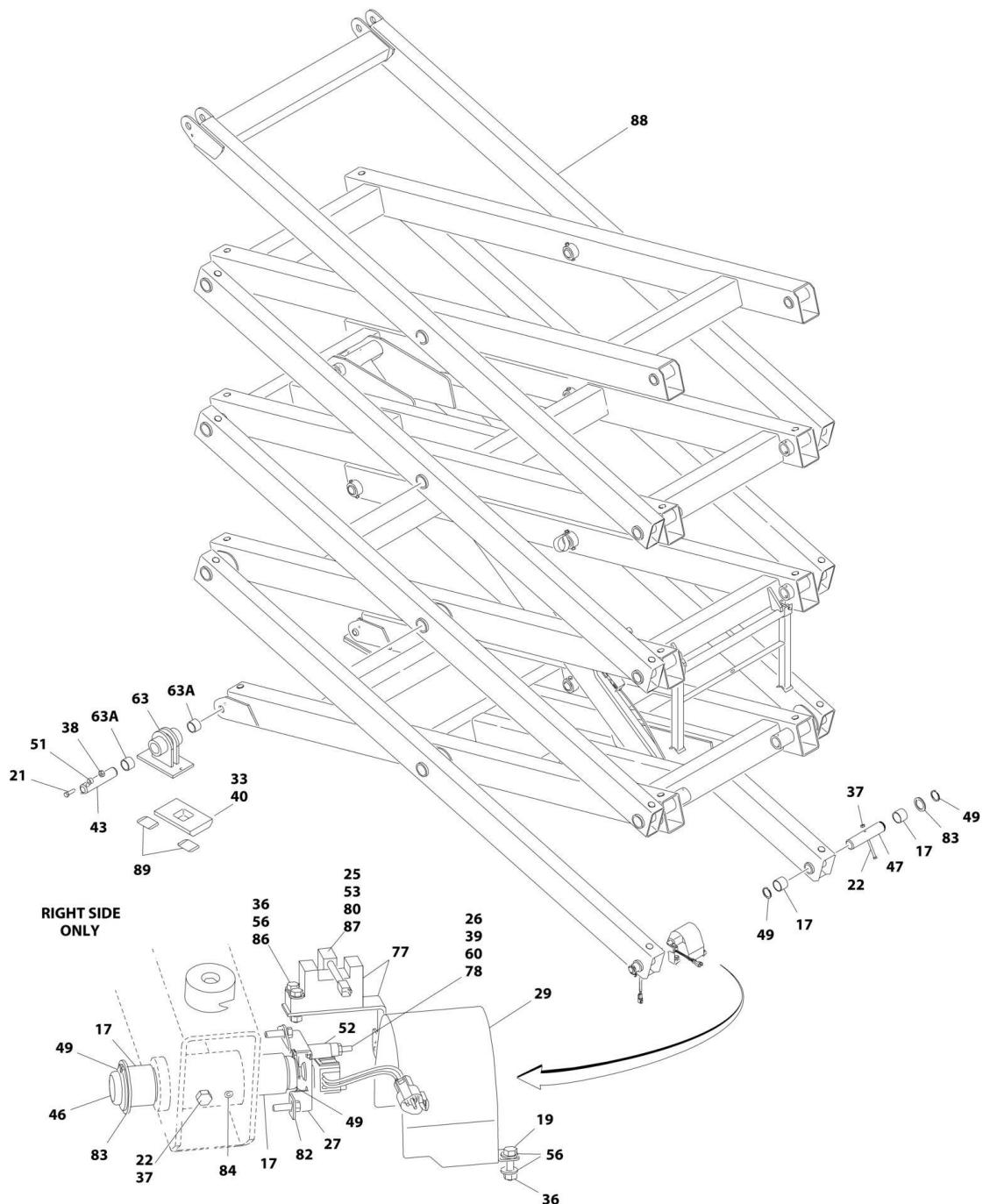
## SECTION 4 - SCISSORS ARMS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
51	4711400	1	Washer 1/4	
52	4711600	1	Washer 3/8	
53	4740332	20	Washer, Special	
54	4740480	4	Washer, Plastic Insert	
55	4751500	4	Washer 5/16	
56	4846020	1	Prop, Safety	
57	4922477	1	Platform Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
58	4922544	1	Lift Down Harness (Upper) (Not Shown - See ELECTRICAL SECTION for Breakdown)	
59	4922903	1	Load Sense Harness (Not Shown - See Platform Section)	
60	2902253	1	Arm Kit (Includes Items 1-17) (Not Shown)	D



## **SECTION 4 - SCISSORS ARMS**

**FIGURE 4-5. SCISSORS ARMS INSTALLATION WITHOUT LSS - 4069LE/M4069**



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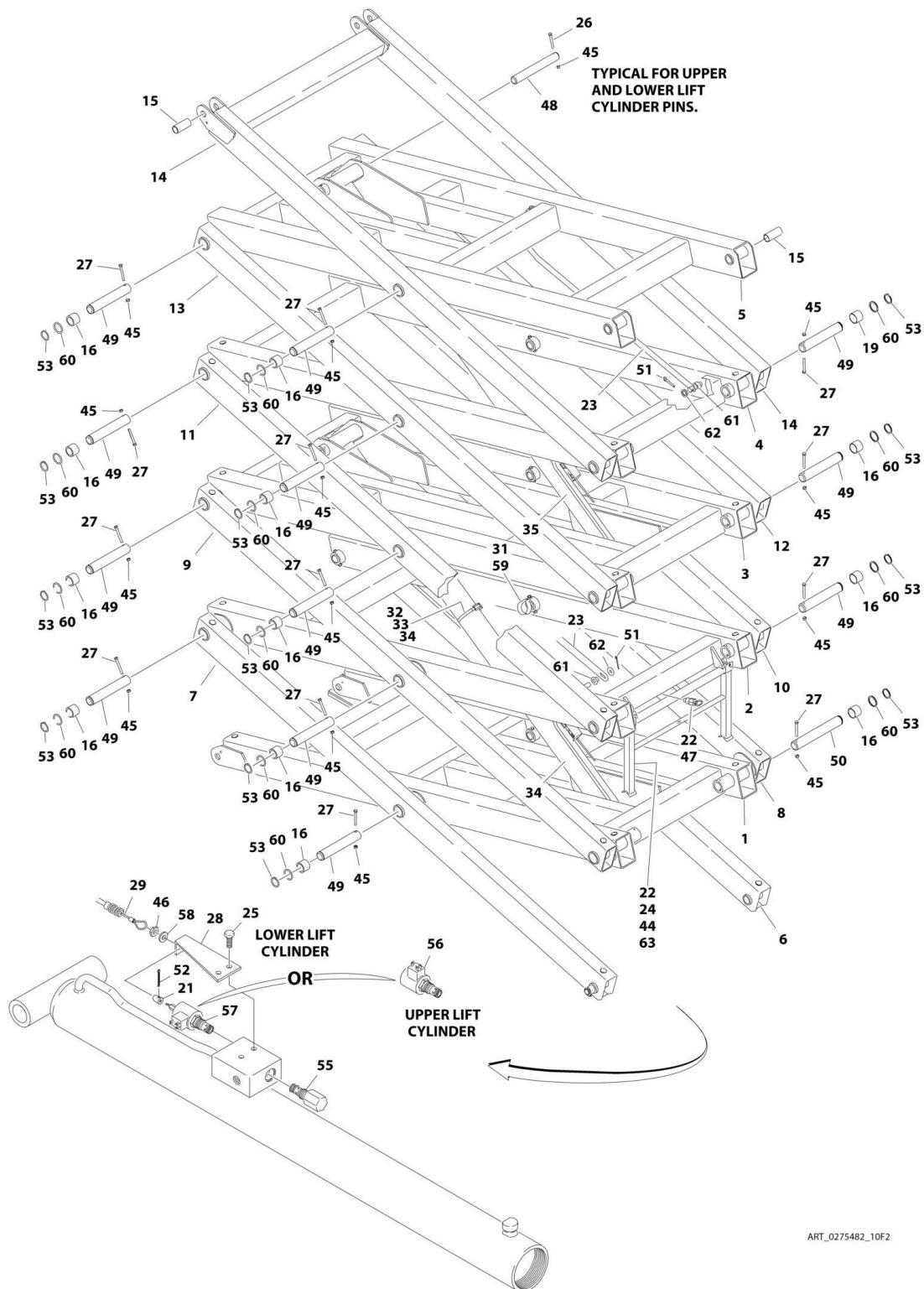
## SECTION 4 - SCISSORS ARMS

**FIGURE 4-5. SCISSORS ARMS INSTALLATION WITHOUT LSS - 4069LE/M4069**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272933	Ref	SCISSORS ARMS INSTALLATION WITHOUT LSS - 4069LE/M4069	L
17	0440234	4	Bushing	
19	0641408	2	Bolt 1/4 x 1	
21	0641610	2	Bolt 3/8 x 1-1/4	
22	0681520	2	Bolt 5/16 x 2-1/2 Grade 8	
25	3900325	2	Screw #10	
26	0721014	2	Screw #10 x 1-3/4	
26	0731012	2	Screw #10 x 1-1/2	
27	0902713	1	Bracket, Limit Switch	
29	1670965	1	Cover, Limit Switch	
33	3020022	AR	Lubricant	
36	3311405	4	Nut 1/4	
37	3311505	2	Nut 5/16	
38	3311605	2	Nut 3/8	
39	3311001	2	Nut #10	
39	3321001	2	Nut #10	
40	3340856	2	Pad, Slide	
43	3422822	2	Pin, Pivot	
46	3422905	1	Pin, Pivot	
47	3422907	1	Pin, Pivot	
49	3760387	4	Ring, Retaining	
51	3841143	2	Keeper, Pin	
52	4360500	1	Switch, Rotary Angle Sensor	
52	77363243	1	Receptacle, Female - 3 Position	
52	4460464	3	Pin, Male	
53	4360502	1	Switch, Proximity Sensor	
53	4460897	1	Receptacle, Female - 2 Position	
53	4460464	2	Pin, Male	
56	4711400	8	Washer 1/4	
60	4751000	8	Washer #10	
63	1001099550	2	Slider	
63A	0440234	4	Bushing	
77	3200453	1	Block	
77	0903273	1	Bracket	
78	0100035	AR	Compound, Locking	
79	4922543	1	Harness, Lift Down (Lower) (Not Shown - See ELECTRICAL SECTION for Breakdown)	
80	3300455	2	Nut #10	
82	0791406	3	Screw 1/4 x 3/4	
83	4740438	2	Washer	
84	3422927	1	Rollpin	
86	0641410	2	Bolt 1/4 x 1-1/4	
87	4740506	2	Washer #10	
88	0275482	1	Scissors Arms Assembly (See SCISSORS ARMS ASSEMBLY WITHOUT LSS - 4069LE/M4069 for Breakdown)	
89	1001125244	1	Decal Kit - Calibration (Includes 2 Decals)	

## SECTION 4 - SCISSORS ARMS

FIGURE 4-6. SCISSORS ARMS ASSEMBLY WITHOUT LSS - 4069LE/M4069



ART\_0275482\_10F2

## SECTION 4 - SCISSORS ARMS

**FIGURE 4-6. SCISSORS ARMS ASSEMBLY WITHOUT LSS - 4069LE/M4069**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275482	Ref	SCISSORS ARMS ASSEMBLY WITHOUT LSS - 4069LE/M4069	
1	0200683	1	Arm Weldment(Bottom Inboard)	
2	0200684	1	Arm Weldment(Lower Mid Inboard)	
3	0200685	1	Arm Weldment(Center Mid Inboard)	
4	0200686	1	Arm Weldment(Upper Mid Inboard)	
5	0200726	1	Arm Weldment(Top Inboard)	
6	0200688	1	Arm Weldment(Bottom Right Side Outboard)	
7	0200689	1	Arm Weldment(Bottom Left Side Outboard)	
8	0200690	1	Arm Weldment(Lower Mid Right Side Outboard)	
9	0200691	1	Arm Weldment(Lower Mid Left Side Outboard)	
10	0200692	1	Arm Weldment(Center Mid Right Side Outboard)	
11	0200693	1	Arm Weldment(Center Mid Left Side Outboard)	
12	0200694	1	Arm Weldment(Upper Mid Right Side Outboard)	
13	0200695	1	Arm Weldment(Upper Mid Left Side Outboard)	
14	0200727	1	Arm Weldment(Top Outboard)	
15	0440250	4	Bushing	
16	0440236	52	Bushing	
17	0940090	32	Bumper, Arm Spacer	
18	3311401	32	Nut 1/4	
19	4711500	32	Washer 5/16	
21	0080228	1	Adapter, Cable	
22	0100011	AR	Compound, Locking	
23	0362841	2	Bar, Cable Carrier	
24	0641418	2	Bolt 1/4 x 2-1/4	
25	0641506	2	Bolt 5/16 x 3/4	
26	0681622	4	Bolt 3/8 x 2-3/4 Grade 8	
27	0681624	26	Bolt 3/8 x 3 Grade 8	
28	0902421	1	Bracket, Cable Mounting	
29	1060846	1	Cable, Manual Descent	
30	1060867	1	Cable, Electrical -12/3 (Not Shown)	
31	1320110	1	Clamp, Support	
32	1320122	1	Clamp	
33	1670995	1	Cover, Hose/Cable	
34	1684120	1	Lift Cylinder Assembly - Lower (See CYLINDER SECTION for Breakdown)	
35	1684121	1	Lift Cylinder Assembly - Upper (See CYLINDER SECTION for Breakdown)	
44	3300151	2	Nut 1/4	
45	3311605	30	Nut 3/8	
46	3321402	2	Nut 1/4	
47	3422369	1	Pin, Plunger	
48	3422778	4	Pin, Pivot	
49	3422825	24	Pin, Pivot	
50	3422826	2	Pin, Pivot	
51	3450304	4	Pin, Cotter 3/32 x 1	
52	3450405	1	Pin, Cotter	
53	3760420	26	Ring, Retaining	
54	4280295	6 in/15cm	Strip, Protective	
55	4641118	2	Cartridge, Relief Valve (Lower and Upper Cylinders (1 Per Cylinder)	

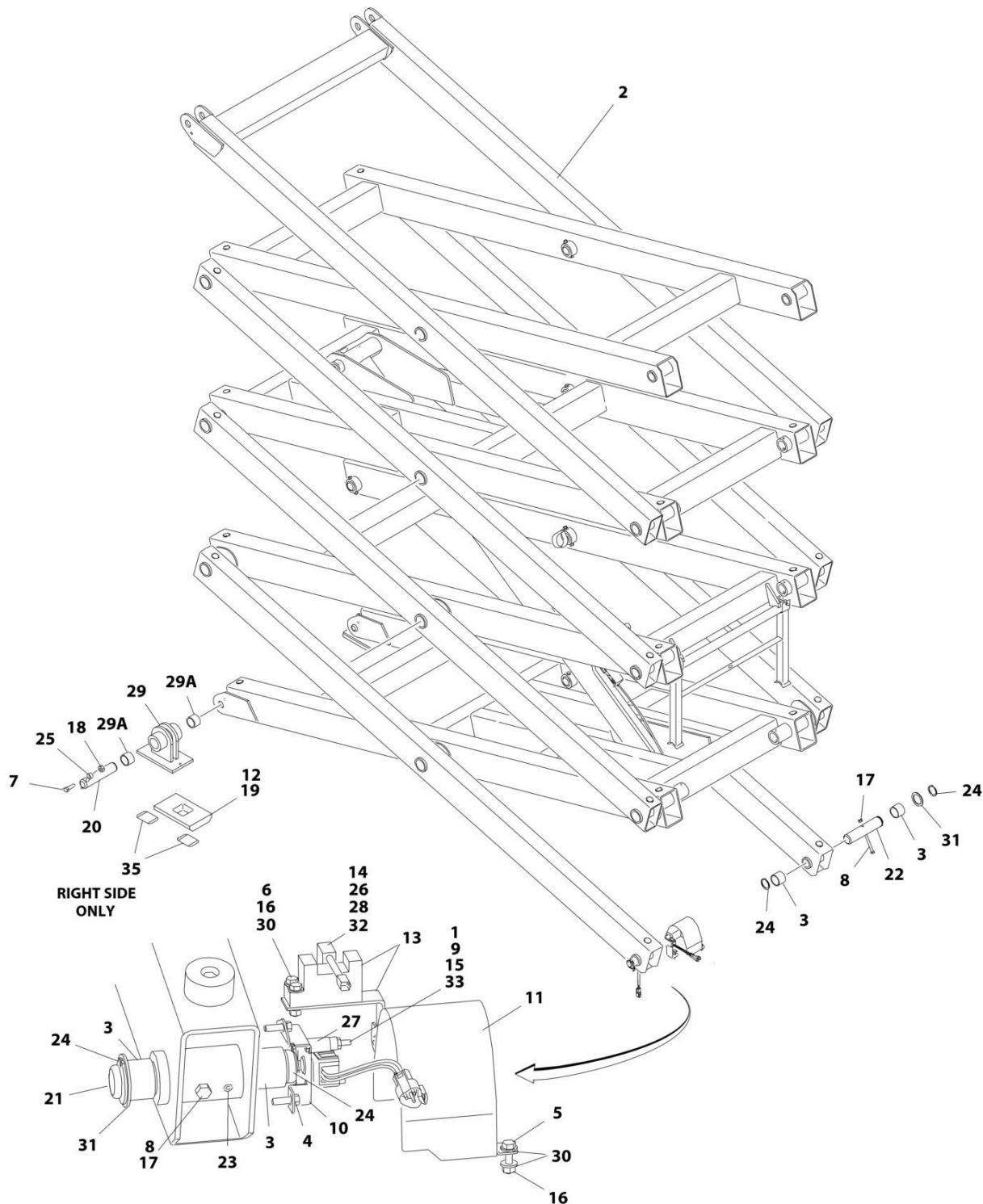
## SECTION 4 - SCISSORS ARMS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
55	7012998	2	Seal Kit - 4641118 Valve (1 Per Cartridge)	
56	4641168	1	Cartridge, Solenoid Valve with Coil (Upper Cylinder)	
56	7017467	1	Seal Kit - 4641168 Valve	
56	7012944	1	Coil	
57	4641172	1	Cartridge, Solenoid Valve with Coil (Lower Cylinder)	
57	7017445	1	Cartridge, Solenoid Valve Less Coil	
57	7012967	1	Seal Kit - 4641172 Valve	
57	7012943	1	Coil	
58	4711400	2	Washer 1/4	
59	4711600	1	Washer 3/8	
60	4740332	26	Washer	
61	4740480	4	Washer, Plastic Insert	
62	4751500	4	Washer 5/16	
63	4846020	1	Prop, Safety	
64	4922478	1	Platform Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
65	4922545	1	Lift Down Harness (Upper) (Not Shown - See ELECTRICAL SECTION for Breakdown)	
70	2902254	1	Arm Kit (Includes Items 1-19) (Not Shown)	C



## SECTION 4 - SCISSORS ARMS

FIGURE 4-7. SCISSORS ARMS INSTALLATION WITH LSS - 4069LE/M4069



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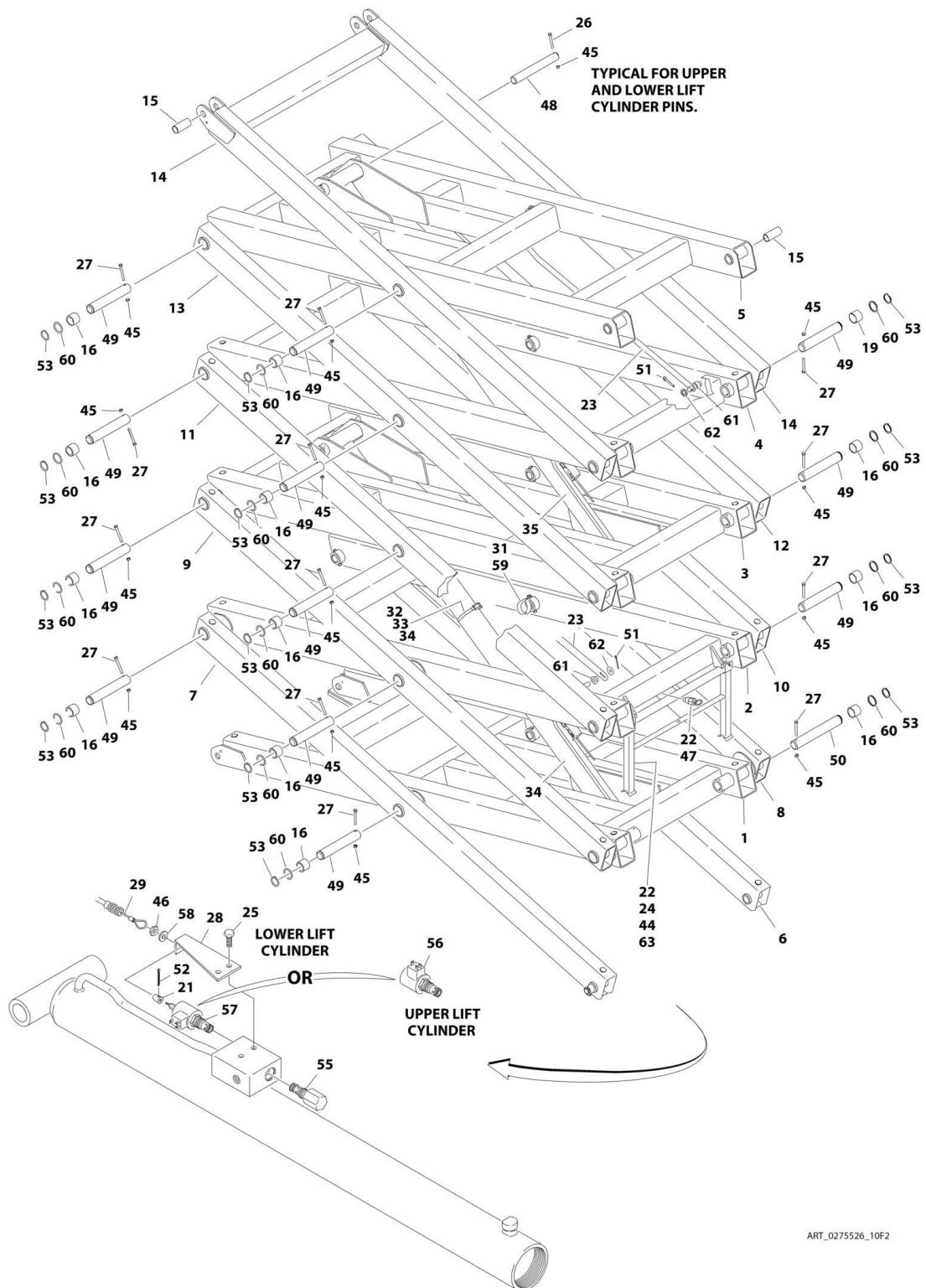
## SECTION 4 - SCISSORS ARMS

**FIGURE 4-7. SCISSORS ARMS INSTALLATION WITH LSS - 4069LE/M4069**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275553	Ref	SCISSORS ARMS INSTALLATION WITH LSS - 4069LE/M4069	
1	0100035	AR	Compound, Locking	
2	0275526	1	Scissors Arms Assembly (See Separate Breakdown in this Section)	
3	0440234	4	Bushing	
4	0791406	3	Screw 1/4 x 3/4	
5	0641408	2	Bolt 1/4 x 1	
6	0641410	2	Bolt 1/4 x 1-1/4	
7	0641610	2	Bolt 3/8 x 1-1/4	
8	0681520	2	Bolt 5/16 x 2-1/2 Grade 8	
9	0721014	2	Screw #10 x 1-3/4	
9	0731012	2	Screw #10 x 1-1/2	
10	0902713	1	Bracket, Limit Switch	
11	1670965	1	Cover, Limit Switch	
12	3020022	AR	Lubricant	
13	3200453	1	Block	
13	0903273	1	Bracket	
14	3300455	2	Nut #10	
15	3311001	2	Nut #10	
15	3321001	2	Nut #10	
16	3311405	4	Nut 1/4	
17	3311505	2	Nut 5/16	
18	3311605	2	Nut 3/8	
19	3340856	2	Pad, Slide	
20	3422822	2	Pin, Pivot	
21	3422905	1	Pin, Pivot	
22	3422907	1	Pin, Pivot	
23	3422927	1	Rollpin	
24	3760387	4	Ring, Retaining	
25	3841143	2	Keeper, Pin	
26	3900325	2	Screw #10	
27	4360500	1	Switch, Rotary Angle Sensor	
27	77363243	1	Receptacle, Female - 3 Position	
27	4460464	3	Pin, Male	
28	4360502	1	Switch, Proximity Sensor	
28	4460897	1	Receptacle, Female - 2 Position	
28	4460464	2	Pin, Male	
29	1001099550	2	Slider	
29A	0440234	4	Bushing	
30	4711400	8	Washer 1/4	
31	4740438	2	Washer	
32	4740506	2	Washer #10	
33	4751000	8	Washer #10	
34	4922543	1	Harness, Lift Down (Lower) (Not Shown - See Separate Breakdown in ELECTRICAL SECTION)	
35	1001125244	1	Decal Kit - Calibration (Includes 2 Decals)	

## SECTION 4 - SCISSORS ARMS

FIGURE 4-8. SCISSORS ARMS ASSEMBLY WITH LSS - 4069LE/M4069



## SECTION 4 - SCISSORS ARMS

**FIGURE 4-8. SCISSORS ARMS ASSEMBLY WITH LSS - 4069LE/M4069**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275526	Ref	SCISSORS ARMS ASSEMBLY WITH LSS - 4069LE/M4069	
1	0200683	1	Arm Weldment(Bottom Inboard)	
2	0200684	1	Arm Weldment(Lower Mid Inboard)	
3	0200685	1	Arm Weldment(Center Mid Inboard)	
4	0200686	1	Arm Weldment(Upper Mid Inboard)	
5	0200726	1	Arm Weldment(Top Inboard)	
6	0200688	1	Arm Weldment(Bottom Right Side Outboard)	
7	0200689	1	Arm Weldment(Bottom Left Side Outboard)	
8	0200690	1	Arm Weldment(Lower Mid Right Side Outboard)	
9	0200691	1	Arm Weldment(Lower Mid Left Side Outboard)	
10	0200692	1	Arm Weldment(Center Mid Right Side Outboard)	
11	0200693	1	Arm Weldment(Center Mid Left Side Outboard)	
12	0200694	1	Arm Weldment(Upper Mid Right Side Outboard)	
13	0200695	1	Arm Weldment(Upper Mid Left Side Outboard)	
14	0200727	1	Arm Weldment(Top Outboard)	
15	0440250	4	Bushing	
16	0440236	52	Bushing	
17	0940090	32	Bumper, Arm Spacer	
18	3311401	32	Nut 1/4	
19	4711500	32	Washer 5/16	
21	0080228	1	Adpater, Cable	
22	0100011	AR	Compound, Locking	
23	0362841	2	Bar, Cable Carrier	
24	0641418	2	Bolt 1/4 x 2-1/4	
25	0641506	2	Bolt 5/16 x 3/4	
26	0681622	4	Bolt 3/8 x 2-3/4 Grade 8	
27	0681624	26	Bolt 3/8 x 3 Grade 8	
28	0902421	1	Bracket, Cable Mounting	
29	1060846	1	Cable, Manual Descent	
30	1060867	1	Cable, Electrical -12/3 (Not Shown)	
31	1320110	1	Clamp, Support	
32	1320122	1	Clamp	
33	1670995	1	Cover, Hose/Cable	
34	1684120	1	Lift Cylinder Assembly - Lower (See CYLINDER SECTION for Breakdown)	
35	1684121	1	Lift Cylinder Assembly - Upper (See CYLINDER SECTION for Breakdown)	
44	3300151	2	Nut 1/4	
45	3311605	30	Nut 3/8	
46	3321402	2	Nut 1/4	
47	3422369	1	Pin, Plunger	
48	3422778	4	Pin, Pivot	
49	3422825	24	Pin, Pivot	
50	3422826	2	Pin, Pivot	
51	3450304	4	Pin, Cotter 3/32 x 1	
52	3450405	1	Pin, Cotter	
53	3760420	26	Ring, Retaining	
54	4280295	6 in/15cm	Strip, Protective	
55	4641118	2	Cartridge, Relief Valve (Lower and Upper Cylinders (1 Per Cylinder)	

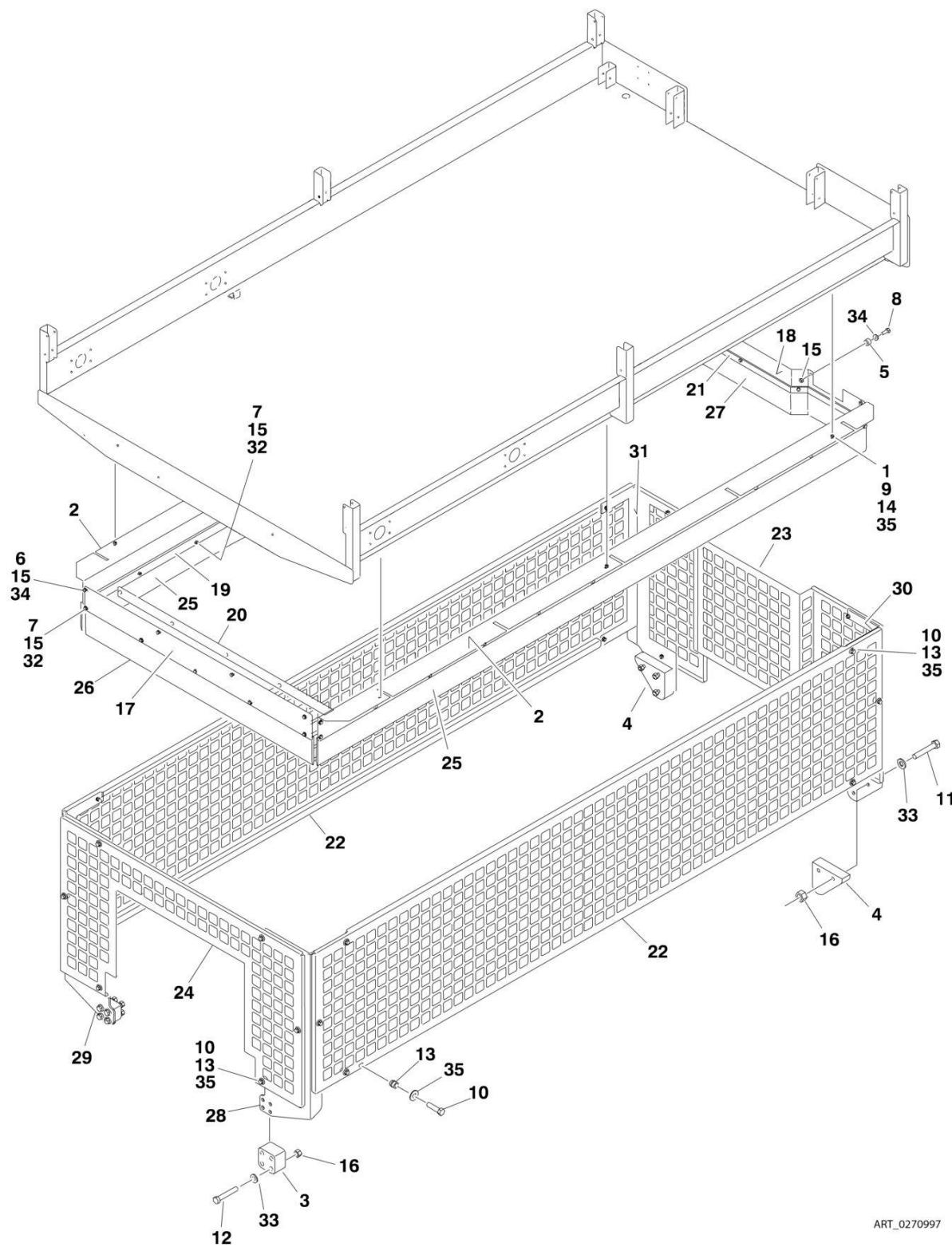
## SECTION 4 - SCISSORS ARMS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
55	7012998	2	Seal Kit - 4641118 Valve (1 Per Cartridge)	
56	4641168	1	Cartridge, Solenoid Valve with Coil (Upper Cylinder)	
56	7017467	1	Seal Kit - 4641168 Valve	
56	7012944	1	Coil	
57	4641172	1	Cartridge, Solenoid Valve with Coil (Lower Cylinder)	
57	7017445	1	Cartridge, Solenoid Valve Less Coil	
57	7012967	1	Seal Kit - 4641172 Valve	
57	7012943	1	Coil	
58	4711400	2	Washer 1/4	
59	4711600	1	Washer 3/8	
60	4740332	26	Washer	
61	4740480	4	Washer, Plastic Insert	
62	4751500	4	Washer 5/16	
63	4846020	1	Prop, Safety	
64	4922478	1	Platform Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
65	4922545	1	Lift Down Harness (Upper) (Not Shown - See ELECTRICAL SECTION for Breakdown)	
66	4922903	1	Load Sense Harness (Not Shown - See Platform Section)	
70	2902254	1	Arm Kit (Includes Items 1-19) (Not Shown)	C



## SECTION 4 - SCISSORS ARMS

FIGURE 4-9. SCISSORS ARM GUARDS INSTALLATION (CE SPECS ONLY)



ART\_0270997

## SECTION 4 - SCISSORS ARMS

**FIGURE 4-9. SCISSORS ARM GUARDS INSTALLATION (CE SPECS ONLY)**

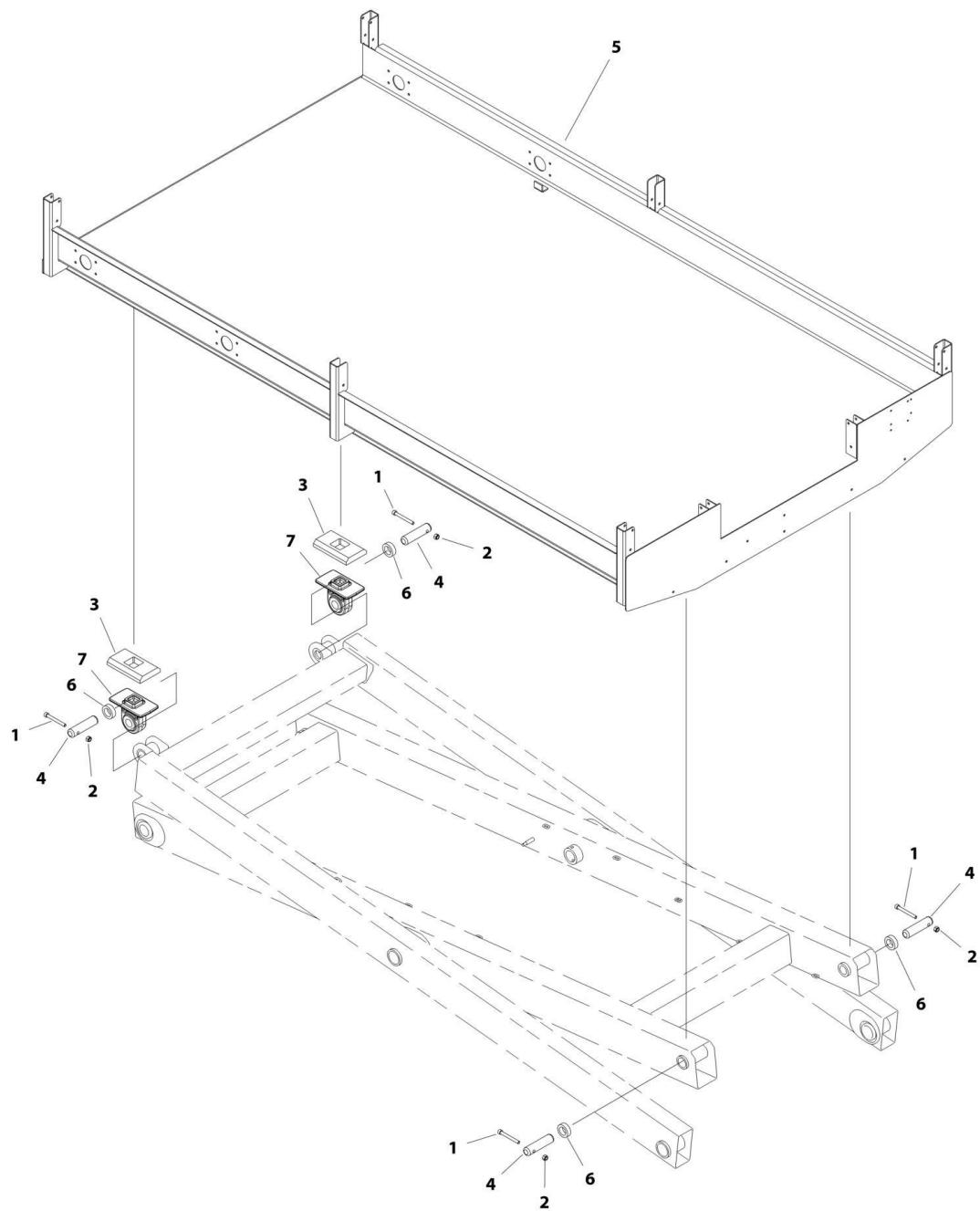
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270997	Ref	SCISSORS ARM GUARDS INSTALLATION	
1	0100011	AR	Compound, Locking	
2	0182008	2	Angle	
3	0561410	2	Block, Spacer	
4	0561411	2	Block, Spacer	
5	0561415	4	Block, Spacer	
6	0641405	4	Bolt 1/4 x 5/8	
7	0641407	32	Bolt 1/4 x 7/8	
8	0641409	4	Bolt 1/4 x 1-1/8	
9	0641607	6	Bolt 3/8 x 7/8	
10	0641612	24	Bolt 3/8 x 1-1/2	
11	0641824	6	Bolt 1/2 x 3	
12	0641826	4	Bolt 1/2 x 3-1/4	
13	2080056	24	Fastener 3/8 x 5/16	
14	2080058	6	Fastener 3/8 x 5/32	
15	3311405	40	Nut 1/4	
16	3311805	10	Nut 1/2	
17	3572410	1	Plate	
18	3572411	1	Plate	
19	3572449	2	Plate, Backing	
20	3572450	1	Plate, Backing	
21	3572452	1	Plate, Backing	
22	4061013	2	Shield	
23	4061015	1	Shield	
24	4061022	1	Shield	
25	4280311	2	Strip, Rubber	
26	4280312	1	Strip, Rubber	
27	4280313	1	Strip, Rubber	
28	4340715	1	Support	
29	4340716	1	Support	
30	4340717	1	Support	
31	4340718	1	Support	
32	4711400	32	Washer 1/4	
33	4711800	10	Washer 1/2	
34	4751400	8	Washer 1/4	
35	4751600	30	Washer 3/8	
100	2902126	1	Kit, Support Arm Guard (Includes Items 28-31) (Not Shown)	
100	2902128	1	Kit, Arm Guard (Includes Items 2 & 17-24) (Not Shown)	



**SECTION 5 - PLATFORM**

## SECTION 5 - PLATFORM

FIGURE 5-1. PLATFORM INSTALLATION WITHOUT D-RINGS



ART\_0272959

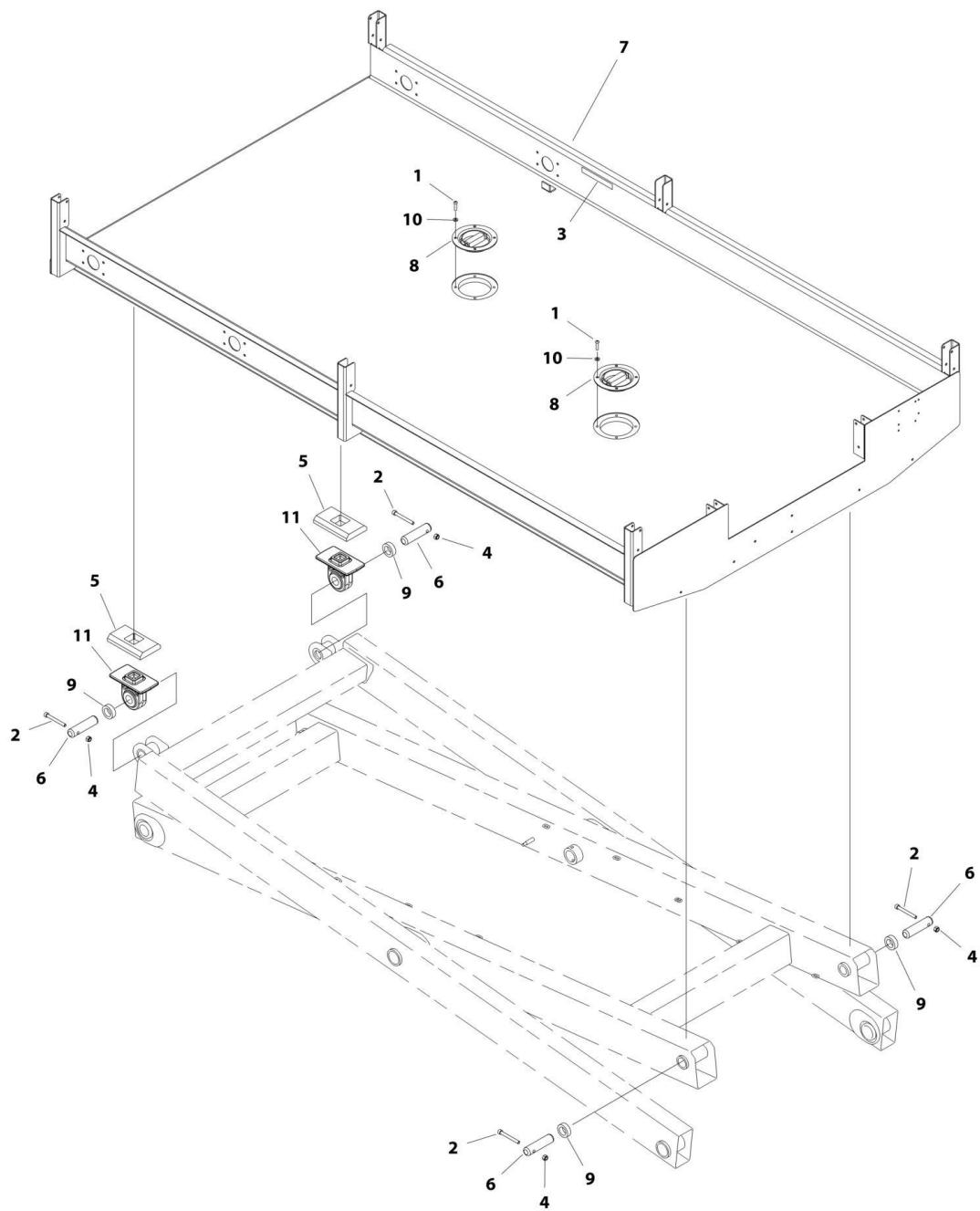
## SECTION 5 - PLATFORM

FIGURE 5-1. PLATFORM INSTALLATION WITHOUT D-RINGS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	0272959	Ref	PLATFORM INSTALLATION WITHOUT D-RINGS	E
1	4032022	4	Capscrew M10 x 90	
2	3291005	4	Nut M10	
3	3340856	2	Pad, Slide	
4	3423049	4	Pin	
5	3510795	1	Platform	
6	4568295	4	Tube, Spacer	
7	1001099533	2	Slider	

## SECTION 5 - PLATFORM

FIGURE 5-2. PLATFORM INSTALLATION WITH D-RINGS



ART\_0272960

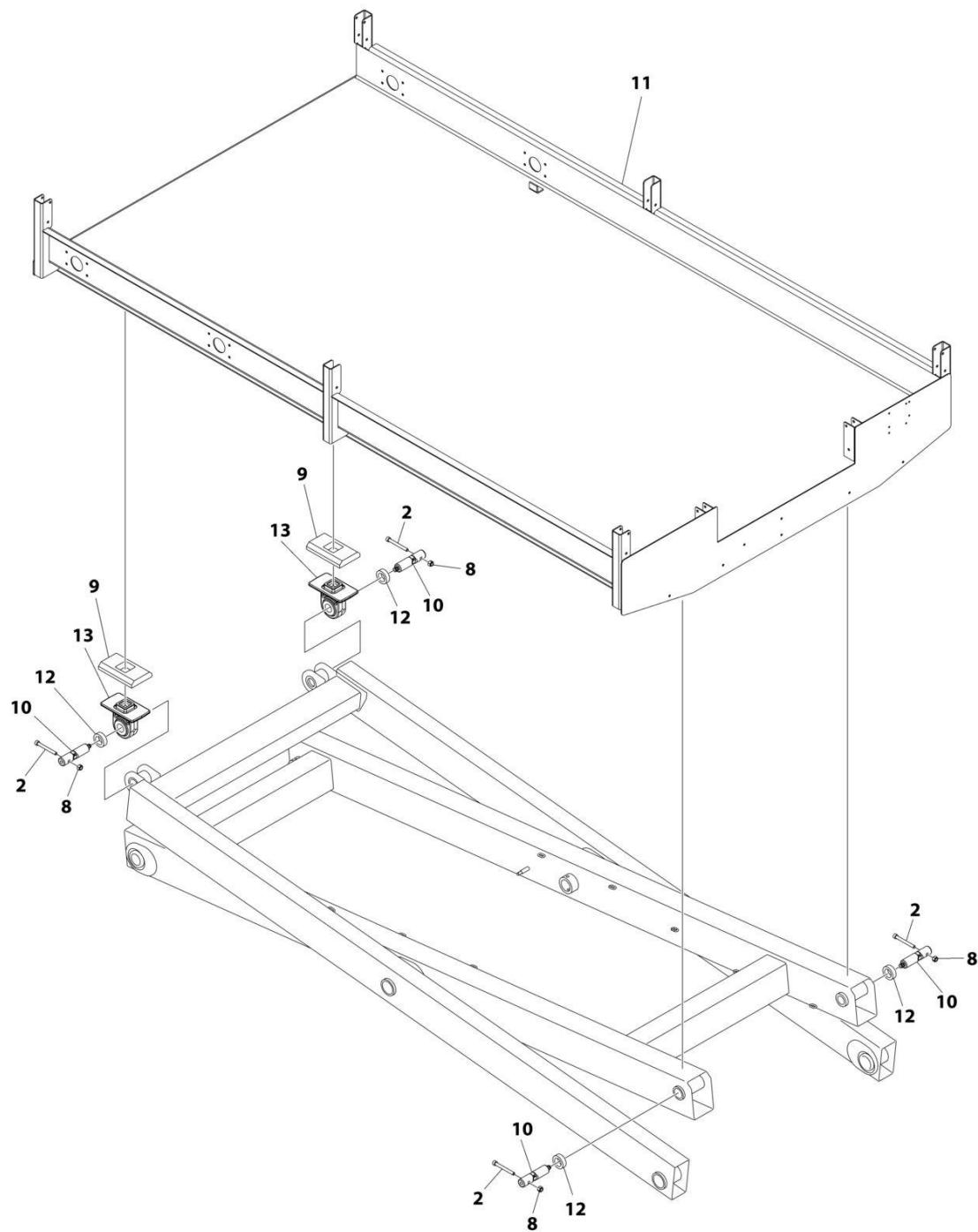
## SECTION 5 - PLATFORM

**FIGURE 5-2. PLATFORM INSTALLATION WITH D-RINGS**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272960	Ref	PLATFORM INSTALLATION WITH D-RINGS	
1	0630476	8	Screw 5/16 x 1-1/4	E
2	4032022	4	Capscrew M10 x 90	
3	1703175	2	Decal - Lanyard	
4	3291005	4	Nut M10	
5	3340856	2	Pad, Slide	
6	3423049	4	Pin	
7	3510796	1	Platform with D-Rings	
8	3760321	2	D-Ring, Swivel	
9	4568295	4	Tube, Spacer	
10	4711500	8	Washer 5/16	
11	1001099533	2	Slider	

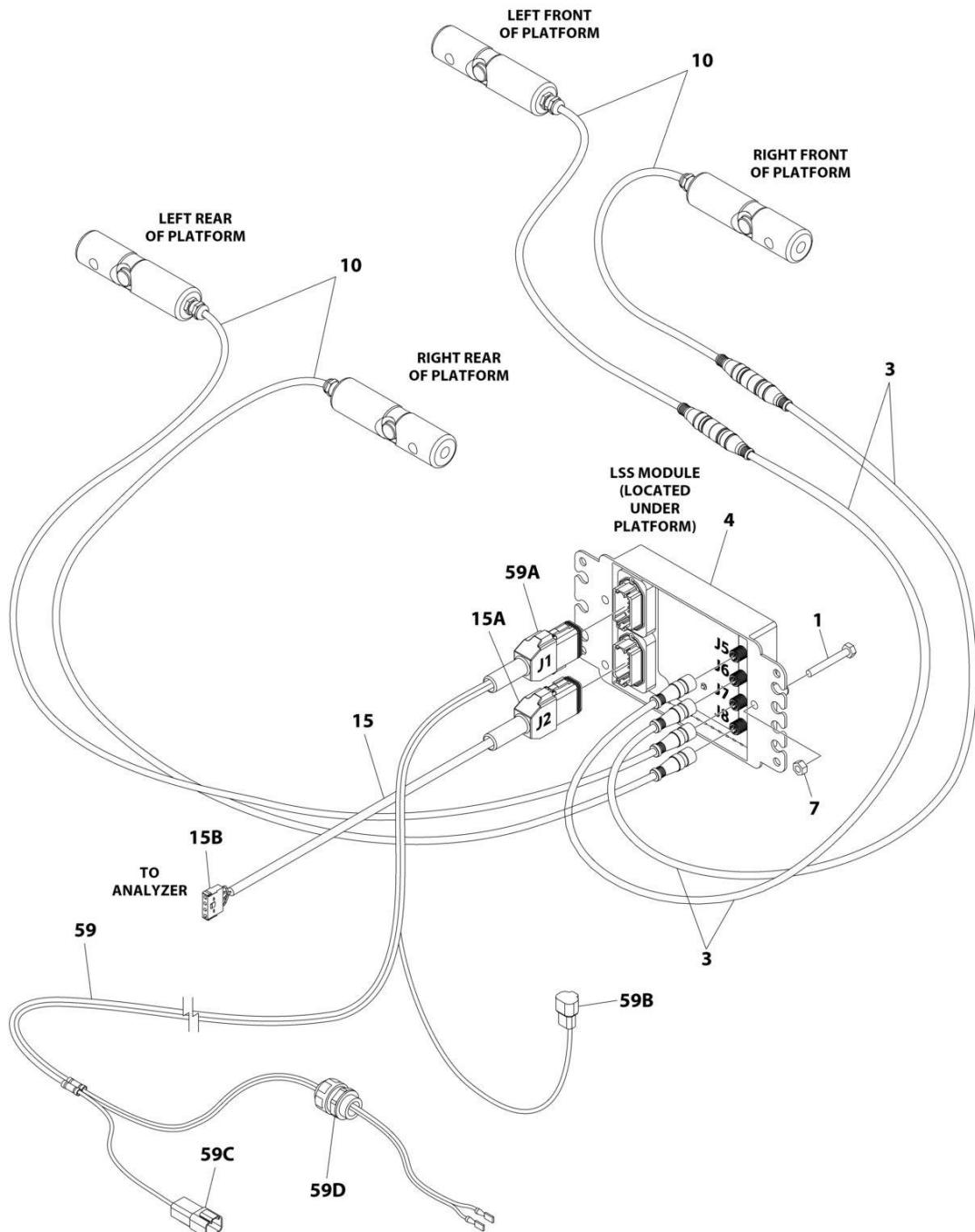
## SECTION 5 - PLATFORM

FIGURE 5-3. PLATFORM INSTALLATION WITHOUT D-RINGS AND WITH LSS



ART\_0272930\_1OF2

## SECTION 5 - PLATFORM



ART\_0272930\_2OF2

## SECTION 5 - PLATFORM

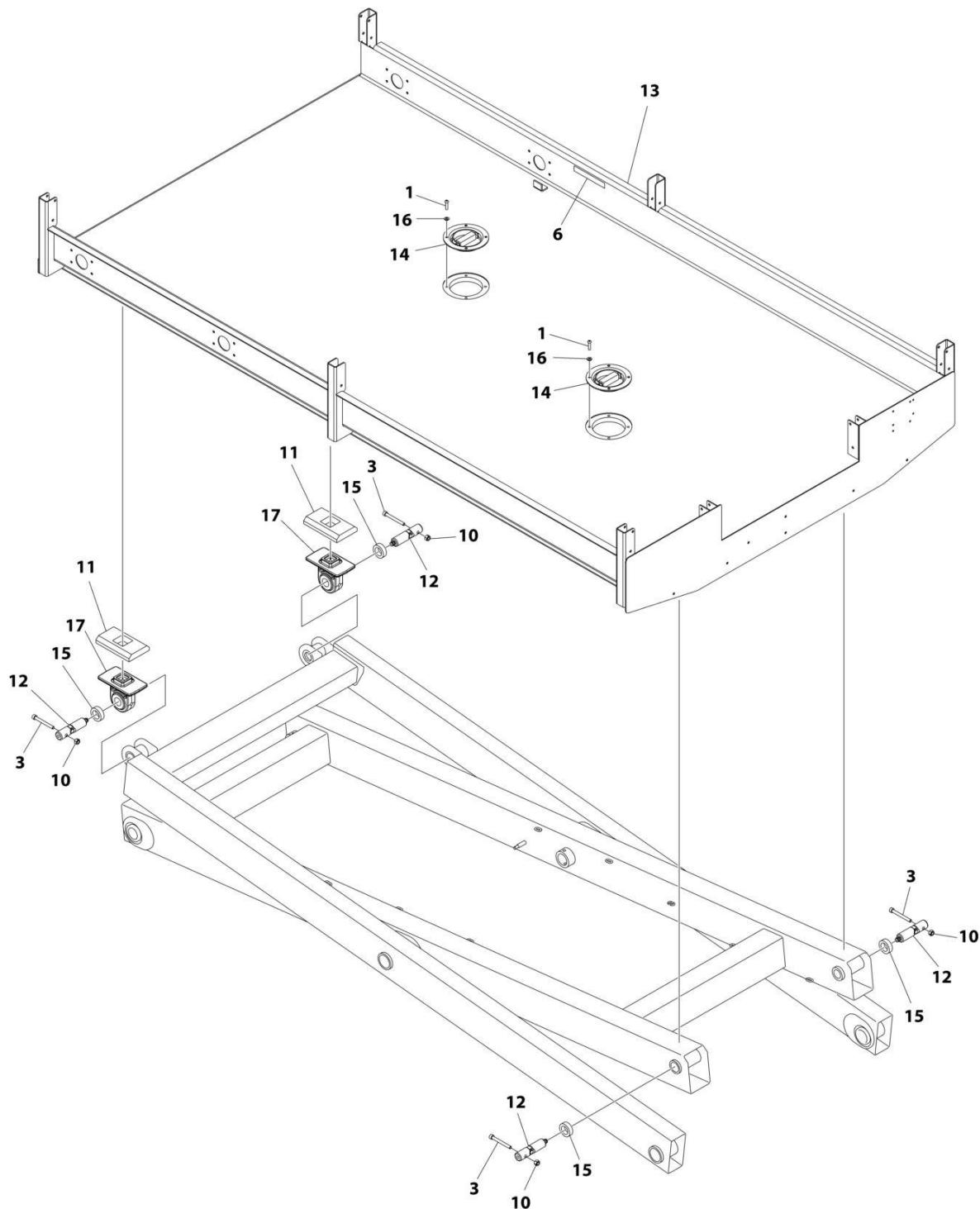
**FIGURE 5-3. PLATFORM INSTALLATION WITHOUT D-RINGS AND WITH LSS**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272930	Ref	PLATFORM INSTALLATION WITHOUT D-RINGS AND WITH LSS	
1	0641414	3	Bolt 1/4 x 1-3/4	J
2	4032022	4	Capscrew M10 x 90	
3	1061020	2	Cable, Extension	
4	1600387	1	Module, Load Sense (Note: Re-Calibration Required when Replaced)	
5	2920026	2	Lamp, Indicator (Not Shown - Located on Platform and Ground Control Boxes)	
6	2920029	2	Lamp, Bulb (Not Shown - Located on Platform and Ground Control Boxes)	
7	3311405	3	Nut 1/4	
8	3291005	4	Nut M10	
9	3340856	2	Pad	
10	3422938	4	Pin, Load Management (Includes Harness)	
11	3510795	1	Platform	
12	4568295	4	Tube, Spacer	
13	1001099533	2	Slider	
15	4922904	1	Harness, LSS to Analyzer	B
15A	4460836	1	Plug, Male 12 Position	
15A	4460465	4	Socket, Female	
15A	4460466	8	Seal, Plug	
15A	0840055	1	Boot	
15B	4460761	1	Connector, Female 4 Position	
15B	4460294	4	Pin, Male	
59	4922903	1	Main Load Sensing Harness	E
59A	4460836	1	Plug, Male 12 Position	
59A	4460465	4	Socket, Female	
59A	4460466	8	Seal, Plug	
59A	0840055	1	Boot	
59B	4460897	2	Connector, Female 2 Position	
59A	4460464	2	Pin, Male	
59C	4460932	1	Connector, Female 4 Position	
59C	4460464	4	Pin, Male	
59D	4460049	1	Connector, Strain Relief	
59D	3300047	1	Nut	



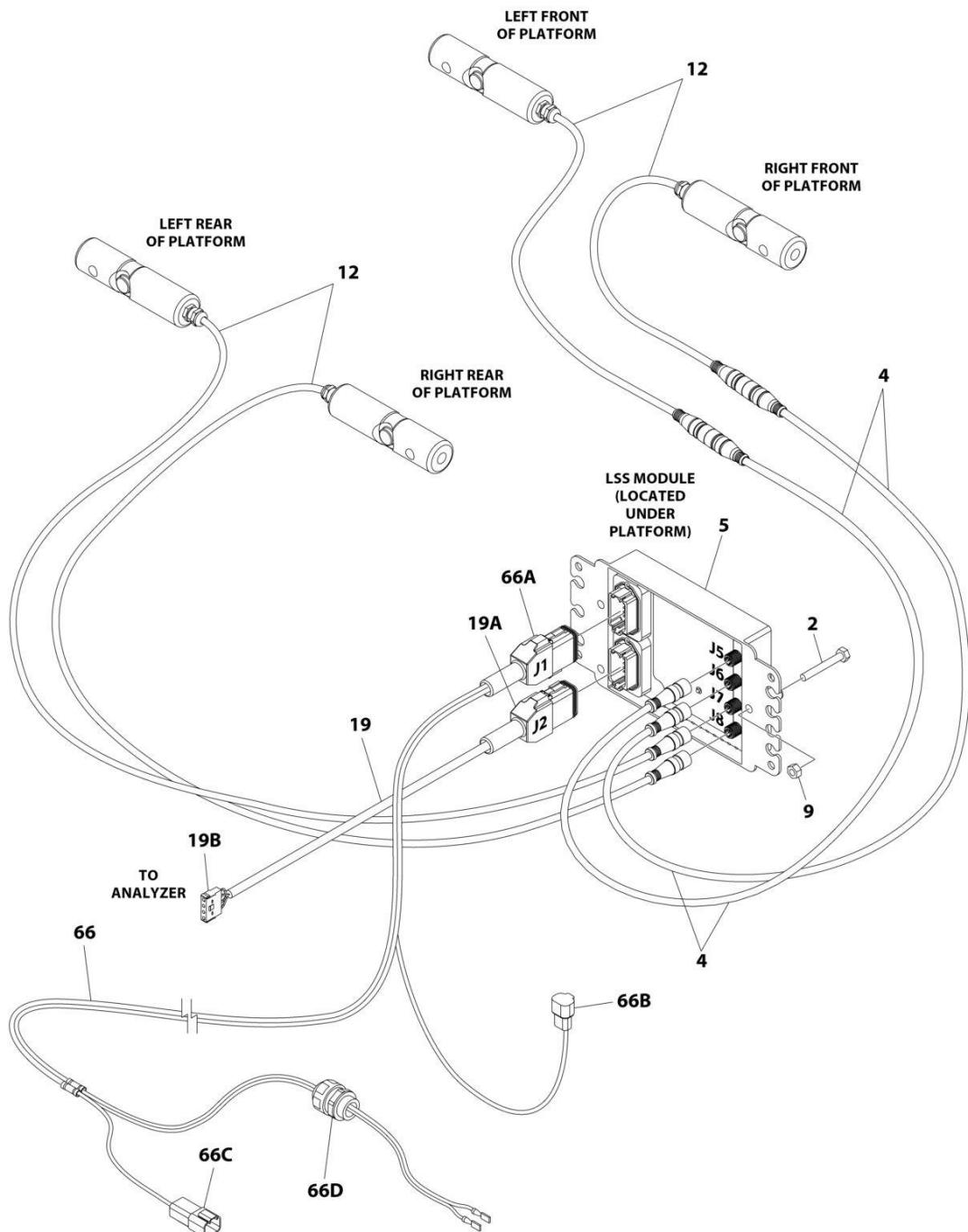
## SECTION 5 - PLATFORM

FIGURE 5-4. PLATFORM INSTALLATION WITH D-RINGS AND WITH LSS



ART\_0272931\_10F2

## SECTION 5 - PLATFORM



ART\_0272931\_2OF2

## SECTION 5 - PLATFORM

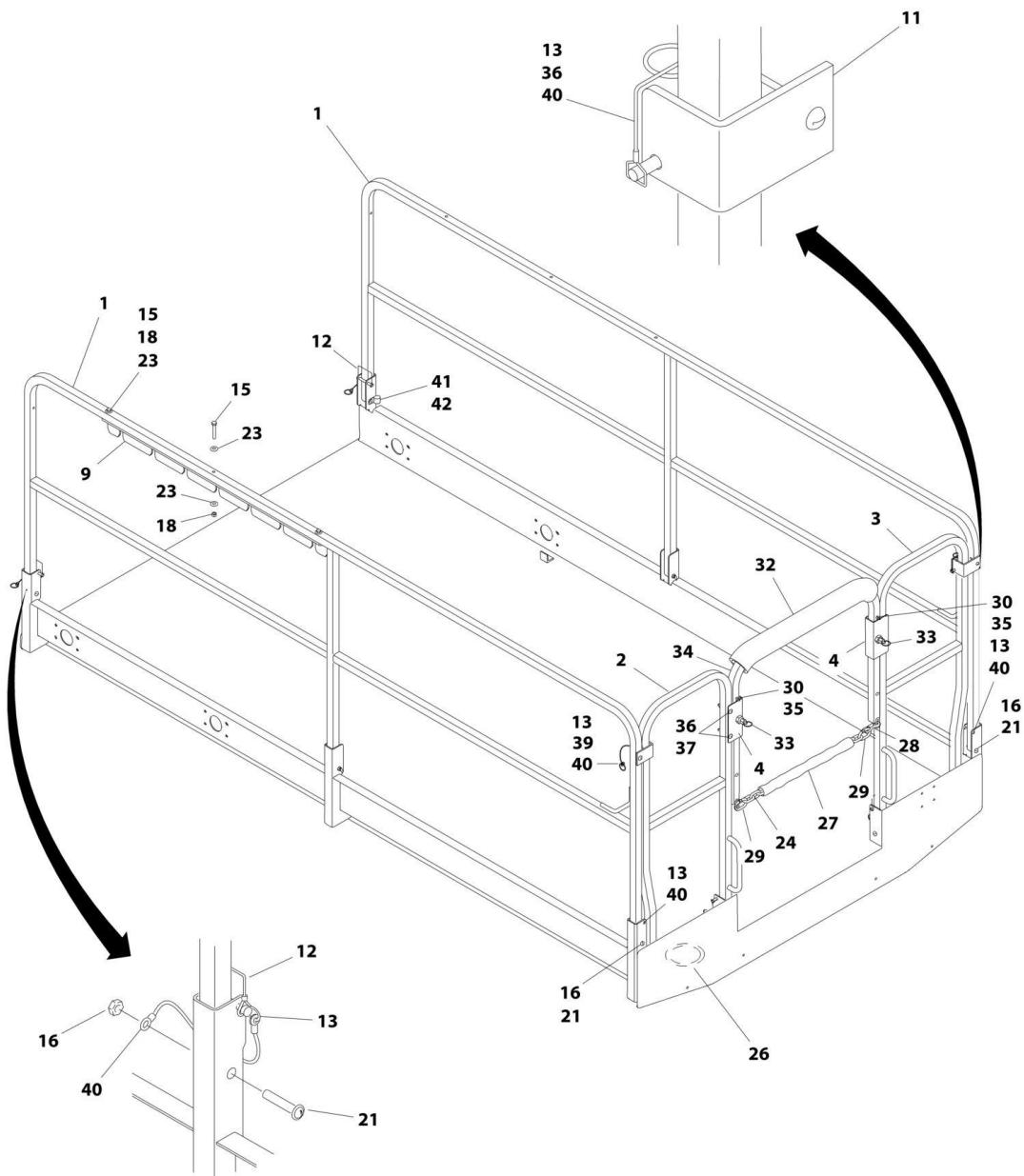
**FIGURE 5-4. PLATFORM INSTALLATION WITH D-RINGS AND WITH LSS**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272931	Ref	PLATFORM INSTALLATION WITH D-RINGS AND WITH LSS	
1	0630476	8	Screw 5/16 x 1-1/4	J
2	0641414	3	Bolt 1/4 x 1-3/4	
3	4032022	4	Capscrew M10 x 90	
4	1061020	2	Cable, Extension	
5	1600387	1	Module, Load Sense (Note: Re-Calibration Required when Replaced)	
6	1703175	2	Decal - Lanyard	
7	2920026	2	Lamp, Indicator (Not Shown - Located on Platform and Ground Control Boxes)	
8	2920029	2	Lamp, Bulb (Not Shown - Located on Platform and Ground Control Boxes)	
9	3311405	3	Nut 1/4	
10	3291005	4	Nut M10	
11	3340856	2	Pad, Slide	
12	3422938	4	Pin, Load Management (Includes Harness)	
13	3510796	1	Platform with D-Rings	
14	3760321	2	D-Ring, Swivel	
15	4568295	4	Tube, Spacer	
16	4711500	8	Washer 5/16	
17	1001099533	2	Slider	
19	4922904	1	Harness, LSS to Analyzer	B
19A	4460836	1	Plug, Male 12 Position	
19A	4460465	4	Socket, Female	
19A	4460466	8	Seal, Plug	
19A	0840055	1	Boot	
19B	4460761	1	Connector, Female 4 Position	
19B	4460294	4	Pin, Male	
66	4922903	1	Main Load Sensing Harness	E
66A	4460836	1	Plug, Male 12 Position	
66A	4460465	4	Socket, Female	
66A	4460466	8	Seal, Plug	
66A	0840055	1	Boot	
66B	4460897	1	Connector, Female 2 Position	
66B	4460464	2	Pin, Male	
66C	4460932	1	Connector, Female 4 Position	
66C	4460464	4	Pin, Male	
66D	4460049	1	Connector, Strain Relief	
66D	3300047	1	Nut	



## SECTION 5 - PLATFORM

FIGURE 5-5. HANDRAILS INSTALLATION WITH CHAIN GATE



ART\_0259566

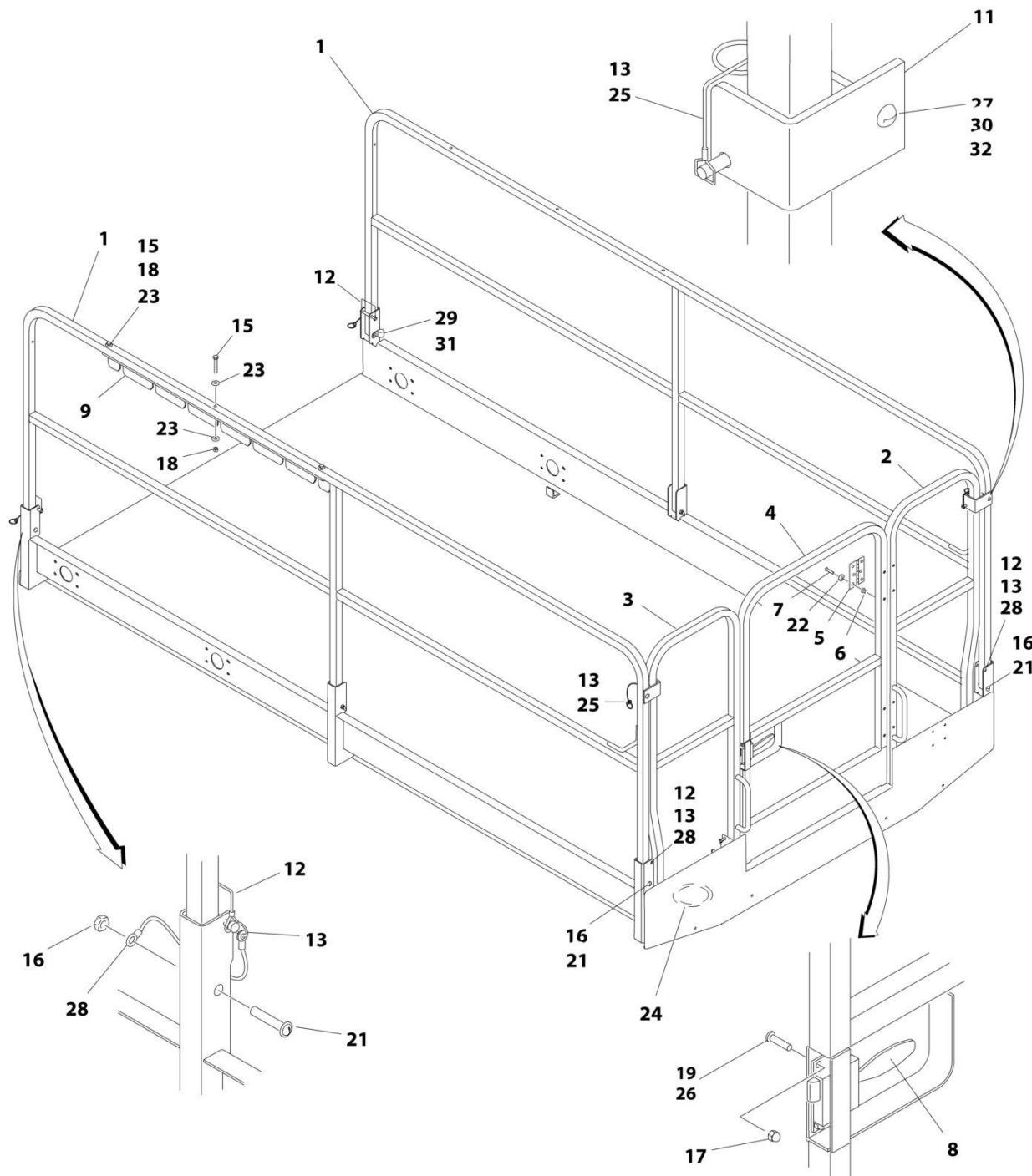
## SECTION 5 - PLATFORM

**FIGURE 5-5. HANDRAILS INSTALLATION WITH CHAIN GATE**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0259566	Ref	HANDRAILS INSTALLATION WITH SELF-CLOSING GATE	
1	4846123	2	Rail, Side	
2	4846125	1	Rail, Rear (Right Side)	
3	4846124	1	Rail, Rear (Left Side)	
4	4845829	2	Retainer, Rail	
9	3571829	1	Plate, Latch	
11	0901870	2	Bracket	
12	3421565	AR	Pin, Snap	
13	3760170	AR	Ring, Split	
15	0641516	3	Bolt 5/16 x 2	
16	2080064	10	Nut 5/16	
18	3311505	3	Nut 5/16	
21	3900323	9	Screw 5/16 x 2	
23	4751500	6	Washer 5/16	
24	1260136	2 ft /61cm	Chain	
26	2540020	1	Grommet	
27	2820097	2 ft /.6m	Tubing, Mesh	
28	2940064	1	Latch, Snap	
29	3010088	2	Link	
30	2080063	8	Nut 1/4	
32	3340612	18 in /46cm	Pad	
33	3422369	2	Pin, Plunger	
34	3641310	1	Rail, Entry	
35	3911424	2	Screw 1/4 x 1-1/2	
36	3900318	6	Screw 1/4 x 2	
37	4711400	14	Washer 1/4	
38	0100011	AR	Compound, Locking (Not Shown)	
39	3422219	2	Pin, Snap	
40	1060808	6	Lanyard	
41	3911536	1	Screw 5/16 x 2-1/4	
42	1320061	1	Clamp	

## SECTION 5 - PLATFORM

FIGURE 5-6. HANDRAILS INSTALLATION WITH SELF-CLOSING GATE



ART\_0259568

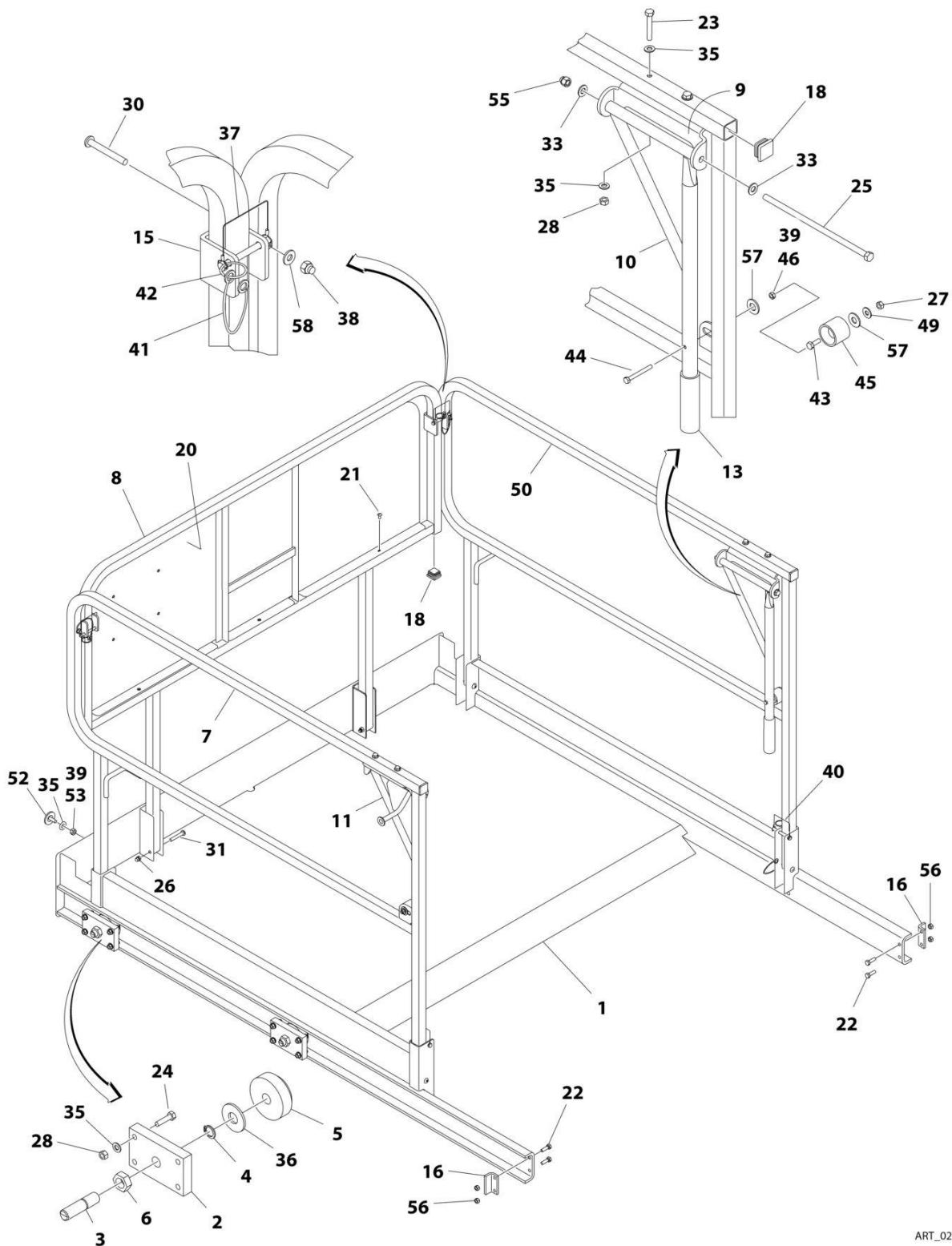
## SECTION 5 - PLATFORM

FIGURE 5-6. HANDRAILS INSTALLATION WITH SELF-CLOSING GATE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0259568	Ref	HANDRAILS INSTALLATION	K
1	4846123	2	Rail, Side	
2	4846125	1	Rail, Rear (Right Side)	
3	4846124	1	Rail, Rear (Left Side)	
4	4846122	1	Gate	
5	2600253	2	Hinge	
6	2080069	1	Fastener #10	
7	3900267	1	Capscrew	
8	2940074	1	Latch	
9	3571829	1	Plate, Latch	
11	0901870	2	Bracket	
12	3421565	4	Pin, Snap	
13	3760170	5	Ring, Split	
15	0641516	3	Bolt 5/16 x 2	
16	2080064	10	Nut 5/16	
17	3300432	4	Nut #10	
18	3311505	3	Nut 5/16	
19	3911010	4	Screw #10 x 5/8	
21	3900323	9	Screw 5/16 x 2	
22	4751000	16	Washer #10	
23	4751500	6	Washer 5/16	
24	2540020	1	Grommet	
25	3422219	2	Pin, Snap	
26	0100011	AR	Compound, Locking	
27	2080063	8	Nut 1/4	
28	1060808	5	Lanyard	
29	3911536	1	Screw 5/16 x 2-1/4	
30	3900318	2	Screw 1/4 x 2	
31	1320061	1	Clamp	
32	4711400	14	Washer 1/4	

## **SECTION 5 - PLATFORM**

## **FIGURE 5-7. 3FT PLATFORM EXTENSION W/RAILS**



ART\_0259565

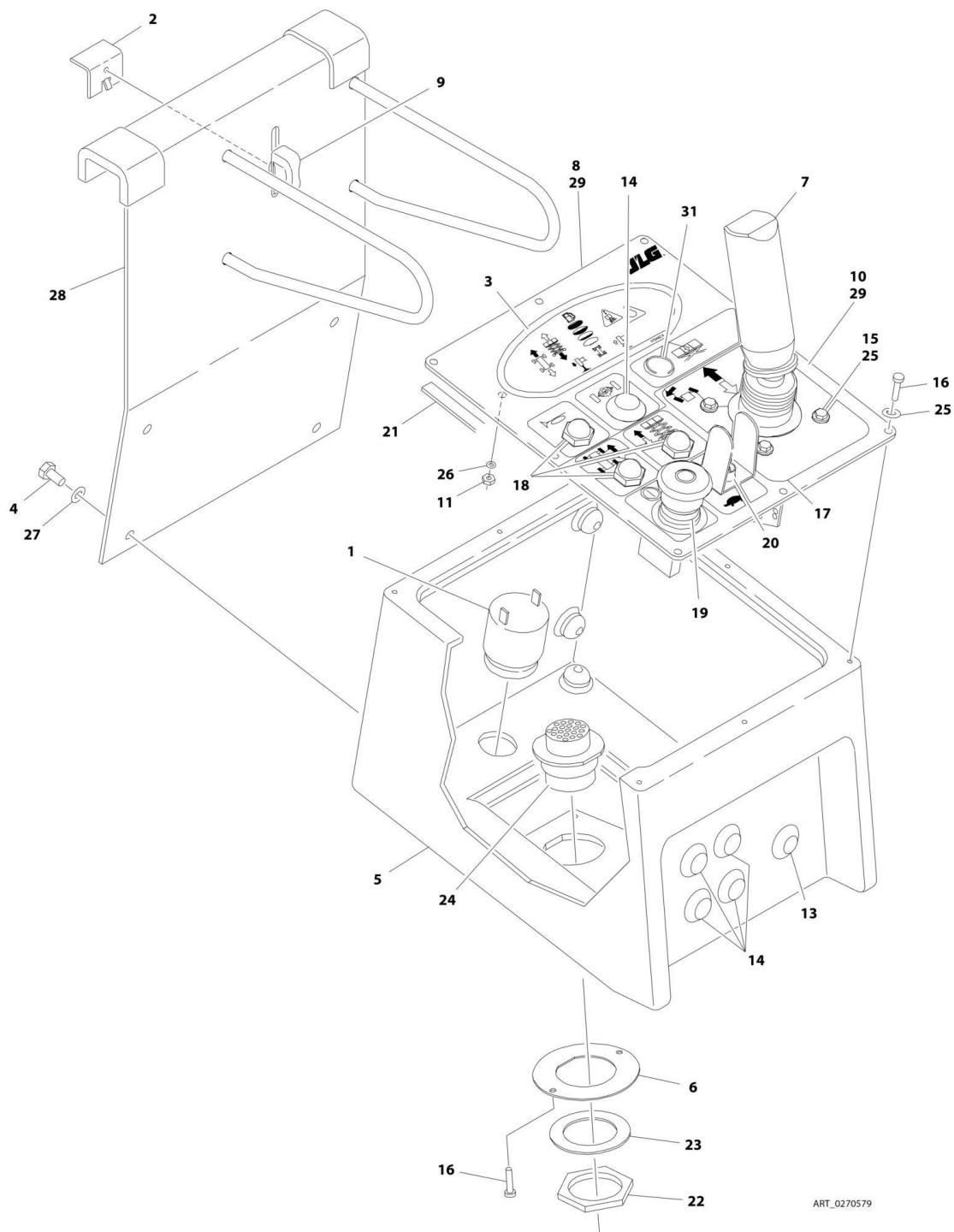
## SECTION 5 - PLATFORM

**FIGURE 5-7. 3FT PLATFORM EXTENSION W/RAILS**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0259565	Ref	3FT PLATFORM EXTENSION W/RAILS	
1	4846117	1	Extension, Platform	M
2	3537619	4	Mount, Roller	
3	3841233	4	Rod, Roller	
4	3760348	4	Ring, Retaining	
5	3860059	4	Roller, Extension	
6	3322202	4	Nut 3/4	
7	4846121	1	Rail, Side (Left Side)	
8	4846120	1	Rail, Front	
9	3537609	2	Plate, Pivot	
10	4846191	1	Handle (Right Side)	
11	4846181	1	Handle (Left Side)	
13	2560088	2	Grip, Handle	
15	0901870	2	Bracket	
16	0182035	2	Angle, Stop	
17	3020022	AR	Grease, Lithium (Not Shown)	
18	3520072	4	Cap-Plug	
20	3571862	1	Plate, Placard	
21	3820020	7	Rivet	
22	0681508	4	Bolt 5/16 x 1	
23	0641516	4	Bolt 5/16 x 2	
24	0641510	16	Bolt 5/16 x 1-1/4	
25	0641676	2	Bolt 3/8 x 9-1/2	
26	2080064	6	Nut 5/16	
27	3311405	2	Nut 1/4	
28	3311505	20	Nut 5/16	
30	3900318	2	Screw 1/4 x 2	
31	3900323	6	Screw 5/16 x 2	
33	4711600	4	Washer 3/8	
35	4711500	26	Washer 5/16	
36	4752200	4	Washer 3/4	
37	3422219	2	Pin, Snap	
38	2080063	2	Nut 1/4	
39	0100011	AR	Compound, Locking	
40	3421565	2	Pin, Snap	
41	1060808	4	Lanyard	
42	3760170	4	Ring, Split	
43	0641406	2	Bolt 1/4 x 3/4	
44	0700619	2	Screw M6 x 55	
45	2940127	2	Latch, Rubber	
46	3290601	2	Nut M6	
49	4751400	2	Washer 1/4	
50	4846256	1	Rail, Side (Right Side)	
52	0940090	2	Bumper	
53	3311401	2	Nut 1/4	
55	3300467	2	Nut 3/8	
56	3271505	1	Nut 5/16	
57	4751600	2	Washer 3/8	
58	4711400	2	Washer 1/4	

## SECTION 5 - PLATFORM

FIGURE 5-8. CONSOLE BOX ASSEMBLY - 3369LE/4069LE NO LEVELING



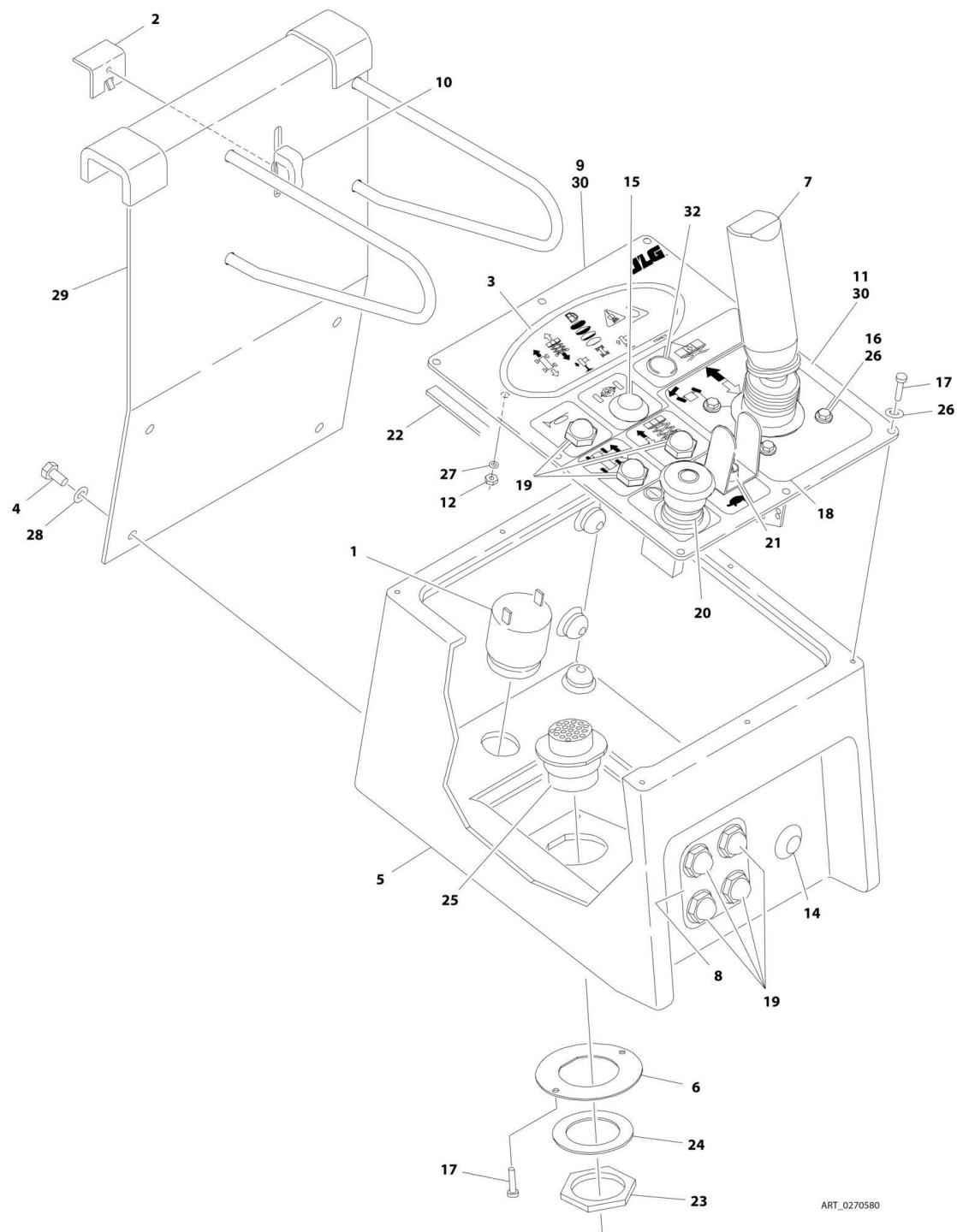
## SECTION 5 - PLATFORM

**FIGURE 5-8. CONSOLE BOX ASSEMBLY - 3369LE/4069LE NO LEVELING**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270579	Ref	CONSOLE BOX ASSEMBLY - 3369LE/4069LE NO LEVELING JACKS	G
1	0140011	1	Alarm	
2	0181847	1	Angle, Latch	
3	0610169	1	PC Board	
4	0641404	4	Bolt 1/4 x 1/2	
5	0861357	1	Box	
6	0902499	1	Bracket, "D" Slot	
7	1600403	1	Drive/Steer Controller Assembly (See DRIVE/STEER CONTROLLER ASSEMBLY for Breakdown)	
8	1705911	1	Decal - Platform Box (Upper)	
9	2560141	1	Thumbscrew	
10	1705912	1	Decal - Platform Box (Lower)	
11	3310601	4	Nut #6	
13	3520079	1	Plug	
14	3520080	5	Plug	
15	3900178	4	Screw #10 x 1/2	
16	3900265	10	Screw #8 x 3/4	
17	4060802	1	Guard, Switch	
18	4360387	3	Switch, Push Button	
19	4360475	1	Switch, Emergency Stop	
19	7020175	1	Ring, Sealing	
19	7020176	1	Block, Contact	
20	4360482	1	Switch, Toggle	
21	4420008	38 in /96cm	Tape, Insulation	
22	4460470	1	Nut, Terminal	
23	4460471	1	Lockwasher, Terminal	
24	4460480	1	Connector, Terminal	
25	4740120	12	Washer	
26	4760600	4	Washer #6	
27	4791400	4	Washer 1/4	
28	4845938	1	Bracket, Box Hanger	
29	4846249	1	Lid	
30	4922526	1	Platform Console Box Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
31	3520193	1	Plug	
31		Ref	Note: Components common with standard machines are called-out in this figure. For LSS specific components, See JLG Load Sensing System Supplement Manual p/n 3124288.	

## **SECTION 5 - PLATFORM**

**FIGURE 5-9. CONSOLE BOX ASSEMBLY - 3369LE/4069LE WITH LEVELING JACKS**



ART\_0270580

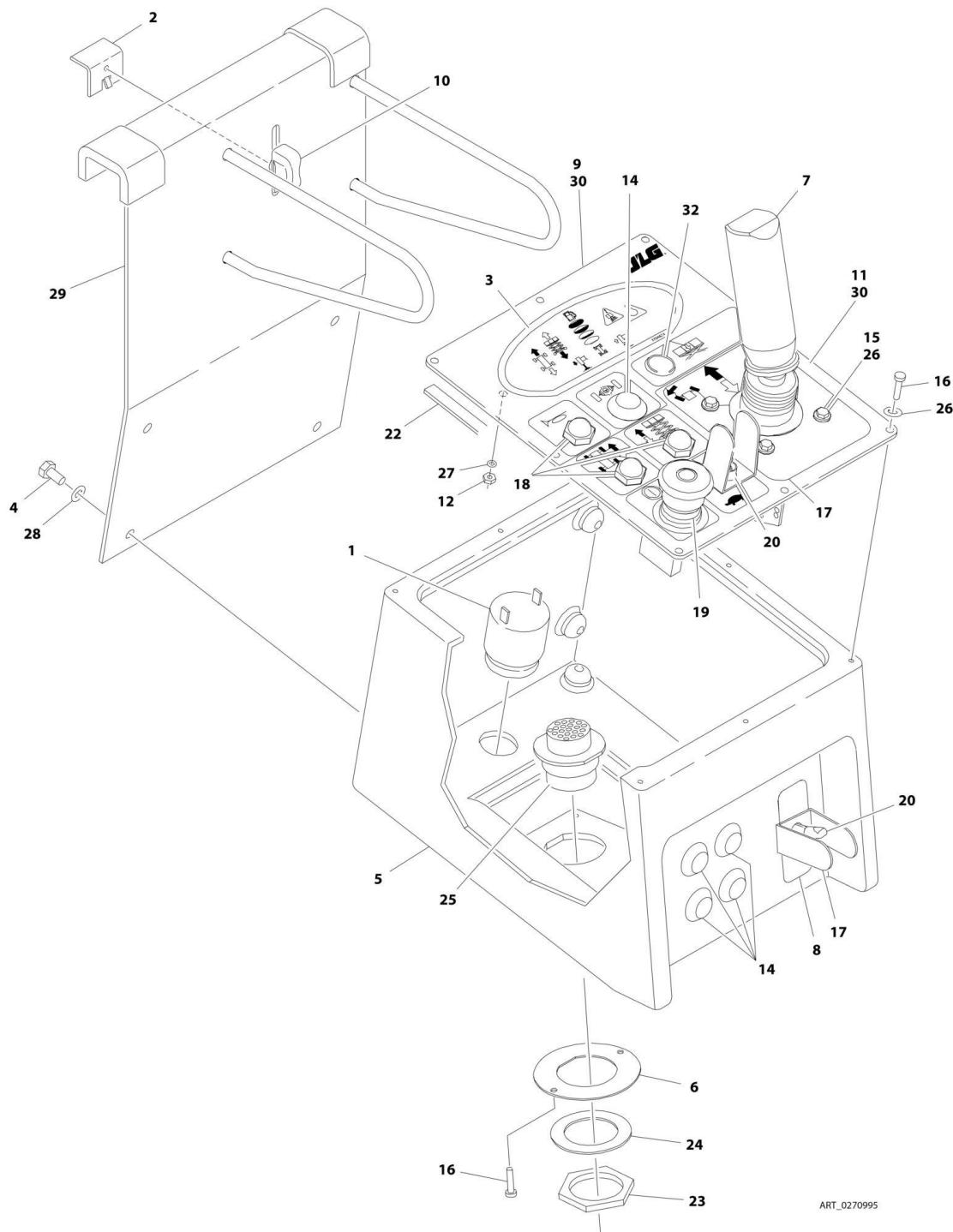
## SECTION 5 - PLATFORM

**FIGURE 5-9. CONSOLE BOX ASSEMBLY - 3369LE/4069LE WITH LEVELING JACKS**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270580	Ref	CONSOLE BOX ASSEMBLY - 3369LE/4069LE WITH LEVELING JACKS	
1	0140011	1	Alarm	
2	0181847	1	Angle, Latch	
3	0610169	1	PC Board	
4	0641404	4	Bolt 1/4 x 1/2	
5	0861357	1	Box	
6	0902499	1	Bracket, "D" Slot	
7	1600403	1	Drive/Steer Controller Assembly (See DRIVE/STEER CONTROLLER ASSEMBLY for Breakdown)	
8	1704574	1	Decal - Outrigger	
9	1705911	1	Decal - Platform Box (Upper)	
10	2560141	1	Thumbscrew	
11	1705912	1	Decal - Platform Box (Lower)	
12	3310601	4	Nut #6	
14	3520079	1	Plug	
15	3520080	1	Plug	
16	3900178	4	Screw #10 x 1/2	
17	3900265	10	Screw #8 x 3/4	
18	4060802	2	Guard, Switch	
19	4360387	7	Switch, Push Button	
20	4360475	1	Switch, Emergency Stop	
20	7020175	1	Ring, Sealing	
20	7020176	1	Block, Contact	
21	4360482	1	Switch, Toggle	
22	4420008	38 in /96cm	Tape, Insulation	
23	4460470	1	Nut, Terminal	
24	4460471	1	Lockwasher, Terminal	
25	4460480	1	Connector, Terminal	
26	4740120	12	Washer	
27	4760600	4	Washer #6	
28	4791400	4	Washer 1/4	
29	4845938	1	Bracket, Box Hanger	
30	4846249	1	Lid	
31	4922527	1	Platform Console Box Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
32	3520193	1	Plug	
32		Ref	Note: Components common with standard machines are called-out in this figure. For LSS specific components, See JLG Load Sensing System Supplement Manual p/n 3124288.	G

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FIGURE 5-10. CONSOLE BOX ASSEMBLY - M3369/M4069 2WD NO LEVELING JACKS



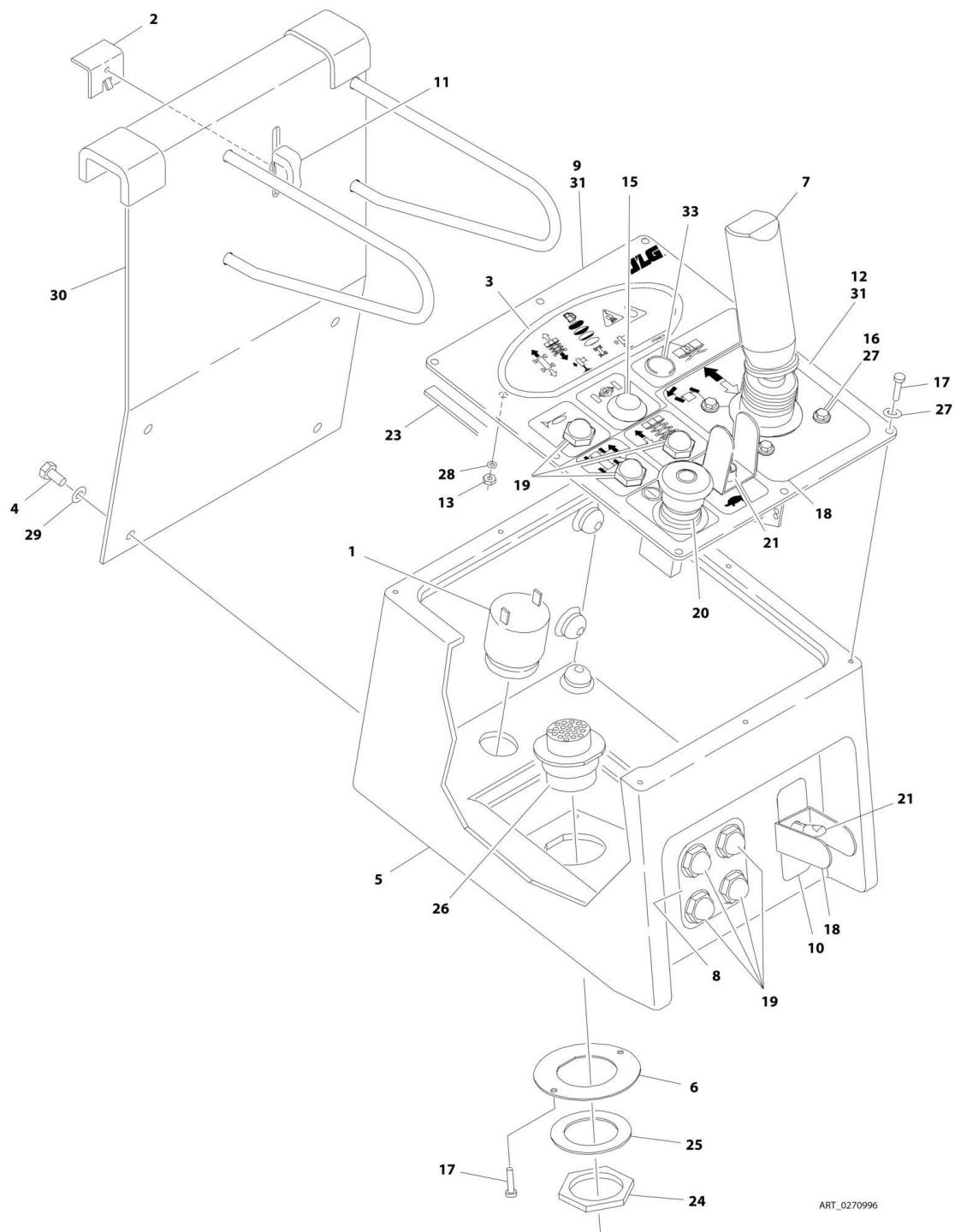
## SECTION 5 - PLATFORM

**FIGURE 5-10. CONSOLE BOX ASSEMBLY - M3369/M4069 2WD NO LEVELING JACKS**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270995	Ref	CONSOLE BOX ASSEMBLY - M3369/M4069 2WD NO LEVELING JACKS	
		Ref	Note: For Machines with Spotlight, see SPECIAL OPTIONS Section.	
1	0140011	1	Alarm	
2	0181847	1	Angle, Latch	
3	0610169	1	PC Board	
4	0641404	4	Bolt 1/4 x 1/2	
5	0861357	1	Box	
6	0902499	1	Bracket, "D" Slot	
7	1600403	1	Drive/Steer Controller Assembly (See DRIVE/STEER CONTROLLER ASSEMBLY for Breakdown)	
8	1704921	1	Decal - Generator Enable M3369 & M4069	
9	1705911	1	Decal - Platform Box (Upper)	
10	2560141	1	Thumbscrew	
11	1705912	1	Decal - Platform Box (Lower)	
12	3310601	4	Nut #6	
14	3520080	5	Plug	
15	3900178	4	Screw #10 x 1/2	
16	3900265	10	Screw #8 x 3/4	
17	4060802	2	Guard, Switch	
18	4360387	3	Switch, Push Button	
19	4360475	1	Switch, Emergency Stop	
19	7020175	1	Ring, Sealing	
19	7020176	1	Block, Contact	
20	4360482	1	Switch, Toggle	
22	4420008	38 in /96cm	Tape, Insulation	
23	4460470	1	Nut, Terminal	
24	4460471	1	Lockwasher, Terminal	
25	4460480	1	Connector, Terminal	
26	4740120	12	Washer	
27	4760600	4	Washer #6	
28	4791400	4	Washer 1/4	
29	4845938	1	Bracket, Box Hanger	
30	4846249	1	Lid	
31	4922526	1	Platform Console Box Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
32	3520193	1	Plug	
32		Ref	Note: Components common with standard machines are called-out in this figure. For LSS specific components, See JLG Load Sensing System Supplement Manual p/n 3124288.	H

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FIGURE 5-11. CONSOLE BOX ASSEMBLY - M3369/M4069 2WD WITH LEVELING JACKS



ART\_0270996

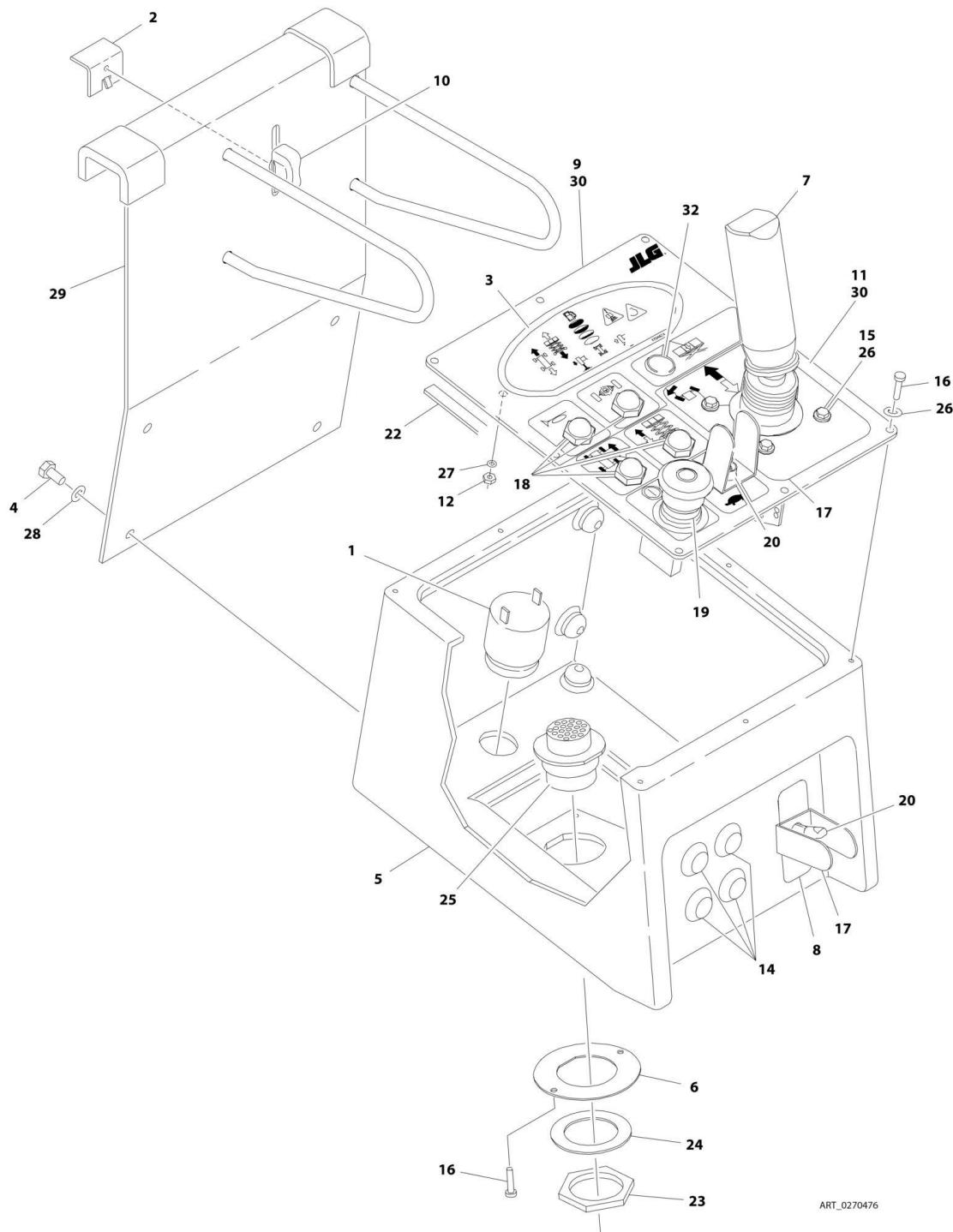
## SECTION 5 - PLATFORM

**FIGURE 5-11. CONSOLE BOX ASSEMBLY - M3369/M4069 2WD WITH LEVELING JACKS**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270996	Ref	CONSOLE BOX ASSEMBLY - M3369/M4069 2WD WITH LEVELING JACKS	H
1	0140011	1	Alarm	
2	0181847	1	Angle, Latch	
3	0610169	1	PC Board	
4	0641404	4	Bolt 1/4 x 1/2	
5	0861357	1	Box	
6	0902499	1	Bracket, "D" Slot	
7	1600403	1	Drive/Steer Controller Assembly (See DRIVE/STEER CONTROLLER ASSEMBLY for Breakdown)	
8	1704574	1	Decal - Outrigger	
9	1705911	1	Decal - Platform Box (Upper)	
10	1704921	1	Decal - Generator Enable M3369 & M4069	
11	2560141	1	Thumbscrew	
12	1705912	1	Decal - Platform Box (Lower)	
13	3310601	4	Nut #6	
15	3520080	1	Plug	
16	3900178	4	Screw #10 x 1/2	
17	3900265	10	Screw #8 x 3/4	
18	4060802	2	Guard, Switch	
19	4360387	7	Switch, Push Button	
20	4360475	1	Switch, Emergency Stop	
20	7020175	1	Ring, Sealing	
20	7020176	1	Block, Contact	
21	4360482	1	Switch, Toggle	
23	4420008	38 in /96cm	Tape, Insulation	
24	4460470	1	Nut, Terminal	
25	4460471	1	Lockwasher, Terminal	
26	4460480	1	Connector, Terminal	
27	4740120	12	Washer	
28	4760600	4	Washer #6	
29	4791400	4	Washer 1/4	
30	4845938	1	Bracket, Box Hanger	
31	4846249	1	Lid	
32	4922527	1	Platform Console Box Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
33	3520193	1	Plug	
33		Ref	Note: Components common with standard machines are called-out in this figure. For LSS specific components, See JLG Load Sensing System Supplement Manual p/n 3124288.	

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FIGURE 5-12. CONSOLE BOX ASSEMBLY - M3369/M4069 4WD NO LEVELING JACKS



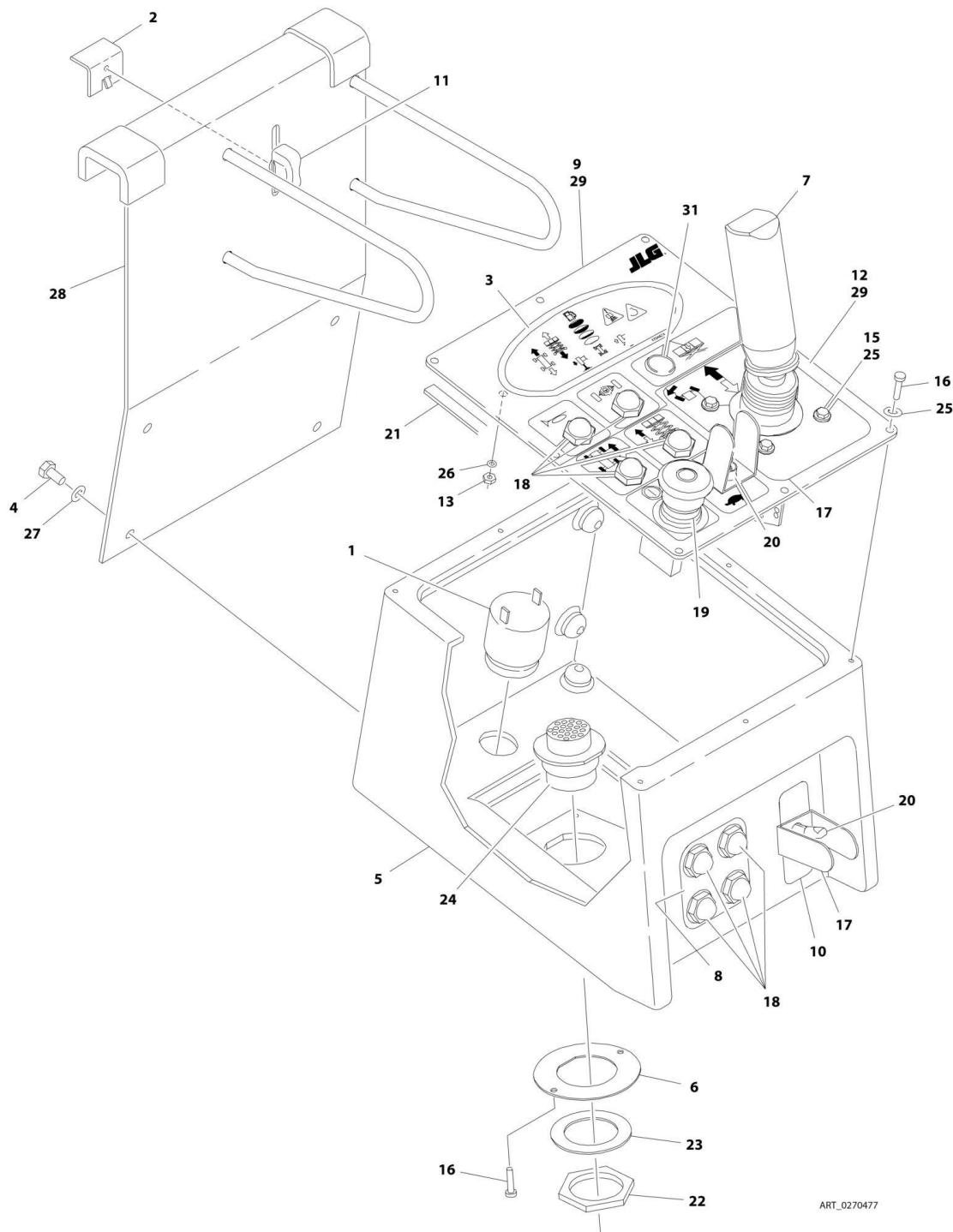
## SECTION 5 - PLATFORM

**FIGURE 5-12. CONSOLE BOX ASSEMBLY - M3369/M4069 4WD NO LEVELING JACKS**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270476	Ref	CONSOLE BOX ASSEMBLY - M3369/M4069 4WD NO LEVELING JACKS	
1	0140011	1	Alarm	
2	0181847	1	Angle, Latch	
3	0610169	1	PC Board	
4	0641404	4	Bolt 1/4 x 1/2	
5	0861357	1	Box	
6	0902499	1	Bracket, "D" Slot	
7	1600403	1	Drive/Steer Controller Assembly (See DRIVE/STEER CONTROLLER ASSEMBLY for Breakdown)	
8	1704921	1	Decal - Generator Enable M3369 & M4069	
9	1705911	1	Decal - Platform Box (Upper)	
10	2560141	1	Thumbscrew	
11	1705912	1	Decal - Platform Box (Lower)	
12	3310601	4	Nut #6	
14	3520080	4	Plug	
15	3900178	4	Screw #10 x 1/2	
16	3900265	10	Screw #8 x 3/4	
17	4060802	2	Guard, Switch	
18	4360387	4	Switch, Push Button	
19	4360475	1	Switch, Emergency Stop	
19	7020175	1	Ring, Sealing	
19	7020176	1	Block, Contact	
20	4360482	1	Switch, Toggle	
22	4420008	38 in /96cm	Tape, Insulation	
23	4460470	1	Nut, Terminal	
24	4460471	1	Lockwasher, Terminal	
25	4460480	1	Connector, Terminal	
26	4740120	12	Washer	
27	4760600	4	Washer #6	
28	4791400	4	Washer 1/4	
29	4845938	1	Bracket, Box Hanger	
30	4846249	1	Lid	
31	4922526	1	Platform Console Box Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
32	3520193	1	Plug	
32		Ref	Note: Components common with standard machines are called-out in this figure. For LSS specific components, See JLG Load Sensing System Supplement Manual p/n 3124288.	G

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FIGURE 5-13. CONSOLE BOX ASSEMBLY - M3369/M4069 4WD WITH LEVELING JACKS



ART\_0270477

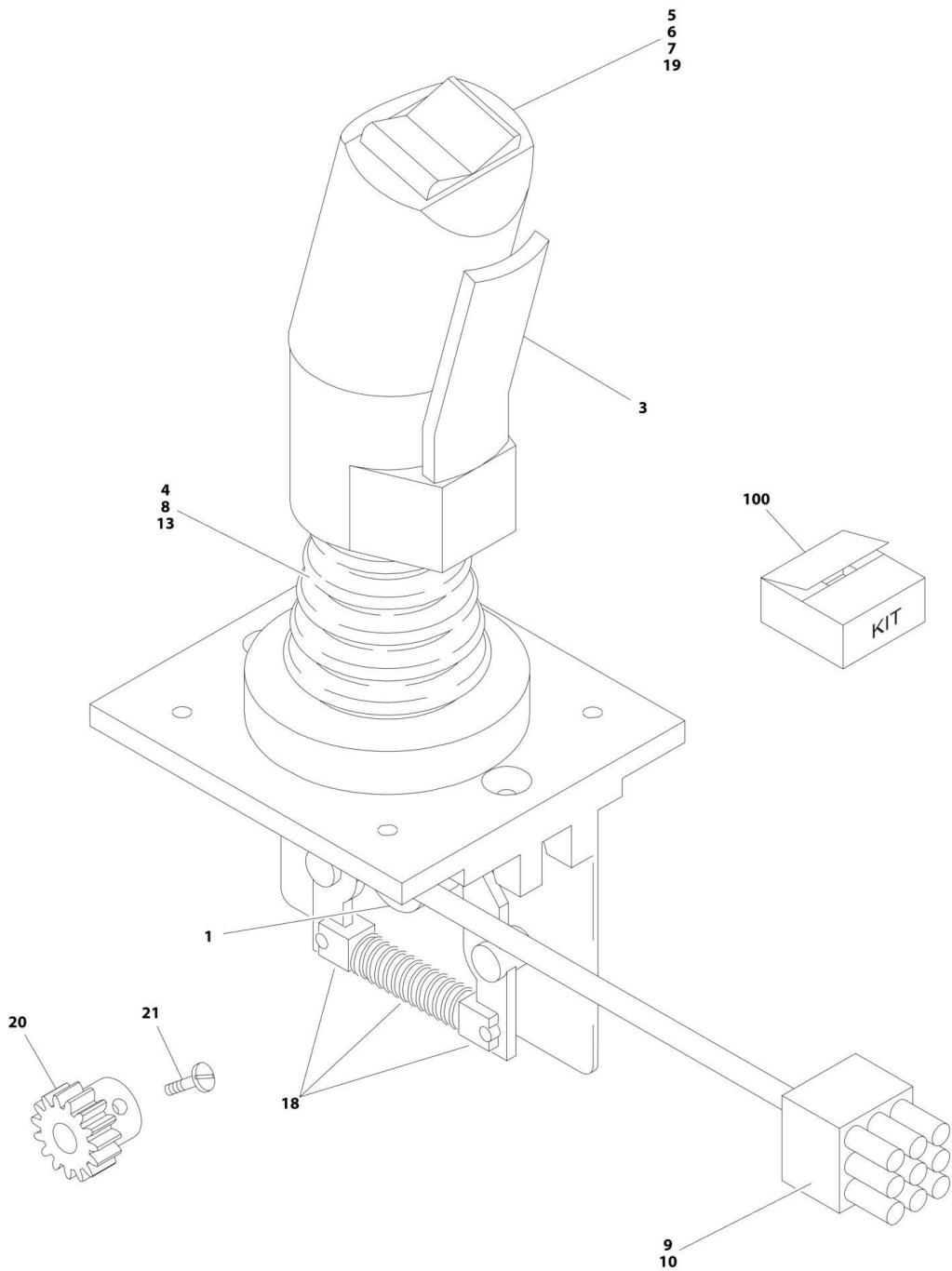
## SECTION 5 - PLATFORM

**FIGURE 5-13. CONSOLE BOX ASSEMBLY - M3369/M4069 4WD WITH LEVELING JACKS**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270477	Ref	CONSOLE BOX ASSEMBLY - M3369/M4069 4WD WITH LEVELING JACKS	G
1	0140011	1	Alarm	
2	0181847	1	Angle, Latch	
3	0610169	1	PC Board	
4	0641404	4	Bolt 1/4 x 1/2	
5	0861357	1	Box	
6	0902499	1	Bracket, "D" Slot	
7	1600403	1	Drive/Steer Controller Assembly (See DRIVE/STEER CONTROLLER ASSEMBLY for Breakdown)	
8	1704574	1	Decal - Outrigger	
9	1705911	1	Decal - Platform Box (Upper)	
10	1704921	1	Decal - Generator Enable M3369 & M4069	
11	2560141	1	Thumbscrew	
12	1705912	1	Decal - Platform Box (Lower)	
13	3310601	4	Nut #6	
15	3900178	4	Screw #10 x 1/2	
16	3900265	10	Screw #8 x 3/4	
17	4060802	2	Guard, Switch	
18	4360387	8	Switch, Push Button	
19	4360475	1	Switch, Emergency Stop	
20	7020175	1	Ring, Sealing	
20	7020176	1	Block, Contact	
20	4360482	1	Switch, Toggle	
21	4420008	38 in /96cm	Tape, Insulation	
22	4460470	1	Nut, Terminal	
23	4460471	1	Lockwasher, Terminal	
24	4460480	1	Connector, Terminal	
25	4740120	12	Washer	
26	4760600	4	Washer #6	
27	4791400	4	Washer 1/4	
28	4845938	1	Bracket, Box Hanger	
29	4846249	1	Lid	
30	4922527	1	Platform Console Box Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
31	3520193	1	Plug	
31		Ref	Note: Components common with standard machines are called-out in this figure. For LSS specific components, See JLG Load Sensing System Supplement Manual p/n 3124288.	

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FIGURE 5-14. DRIVE/STEER CONTROLLER ASSEMBLY



ART\_1600403

## SECTION 5 - PLATFORM

**FIGURE 5-14. DRIVE/STEER CONTROLLER ASSEMBLY**

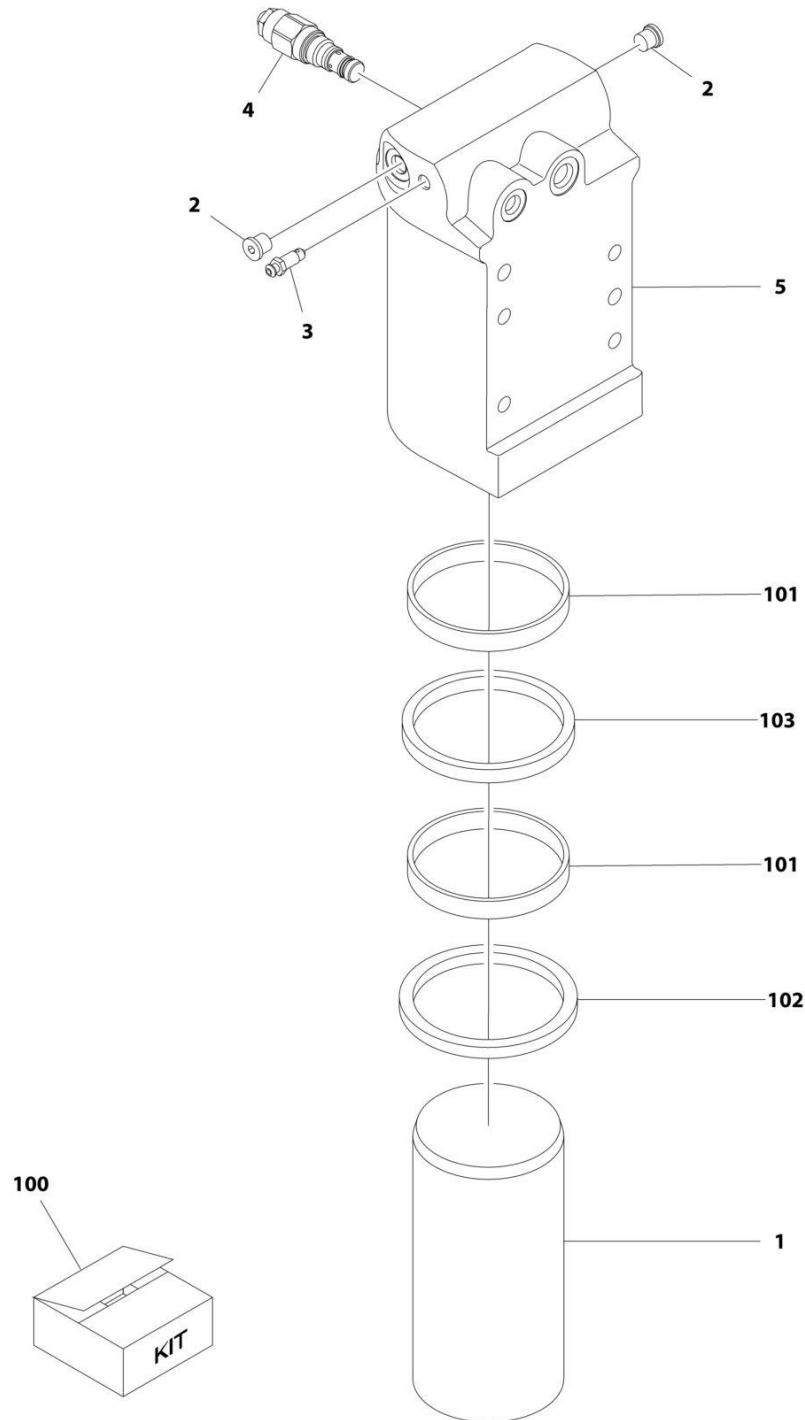
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1600403	Ref	DRIVE/STEER CONTROLLER ASSEMBLY	
1	70000081	1	Potentiometer	
2	7027367	1	Switch, Push Button (Not Shown - Located Behind #3)	
3	7027765	1	Lever, Enabler	
4	7027766	1	Ring, Retaining	
5	70000082	1	Microswitch	
6	70000083	1	Coupler, Microswitch	
7	70000084	1	Cap, Rubber	
8	70000085	1	Boot, Rubber	
9	4460265	1	Plug, Male - 9 Pin	
10	4460226	8	Socket, Female	
11	4460266	1	Connector, Receptacle - 9 Pin (Not Shown - Part of Console Harness)	
12	4460267	8	Pin, Male (Not Shown - Part of Console Harness)	
13	70000685	1	Washer, Plastic Bushing	
14	70000684	AR	Screw, Handle (Not Shown)	
15	Not Available	AR	Nut, Handle (Not Shown)	
16	70000683	AR	Washer, Neoprene (Not Shown)	
17	70000686	AR	Screw, Handle (Not Shown)	
18	70004194	1	Return Spring Kit	
19	7027365	1	Actuator, Switch	
20	70005484	1	Gear, Potentiometer	
21	70005485	1	Setscrew	
100	70003650	1	Handle Repair Kit (Includes handle gasket, push button, lever, front handle half, back handle half, top actuator, boot and hardware.)	



**SECTION 6 - CYLINDER**

## SECTION 6 - CYLINDER

FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSEMBLY



ART\_1001163580

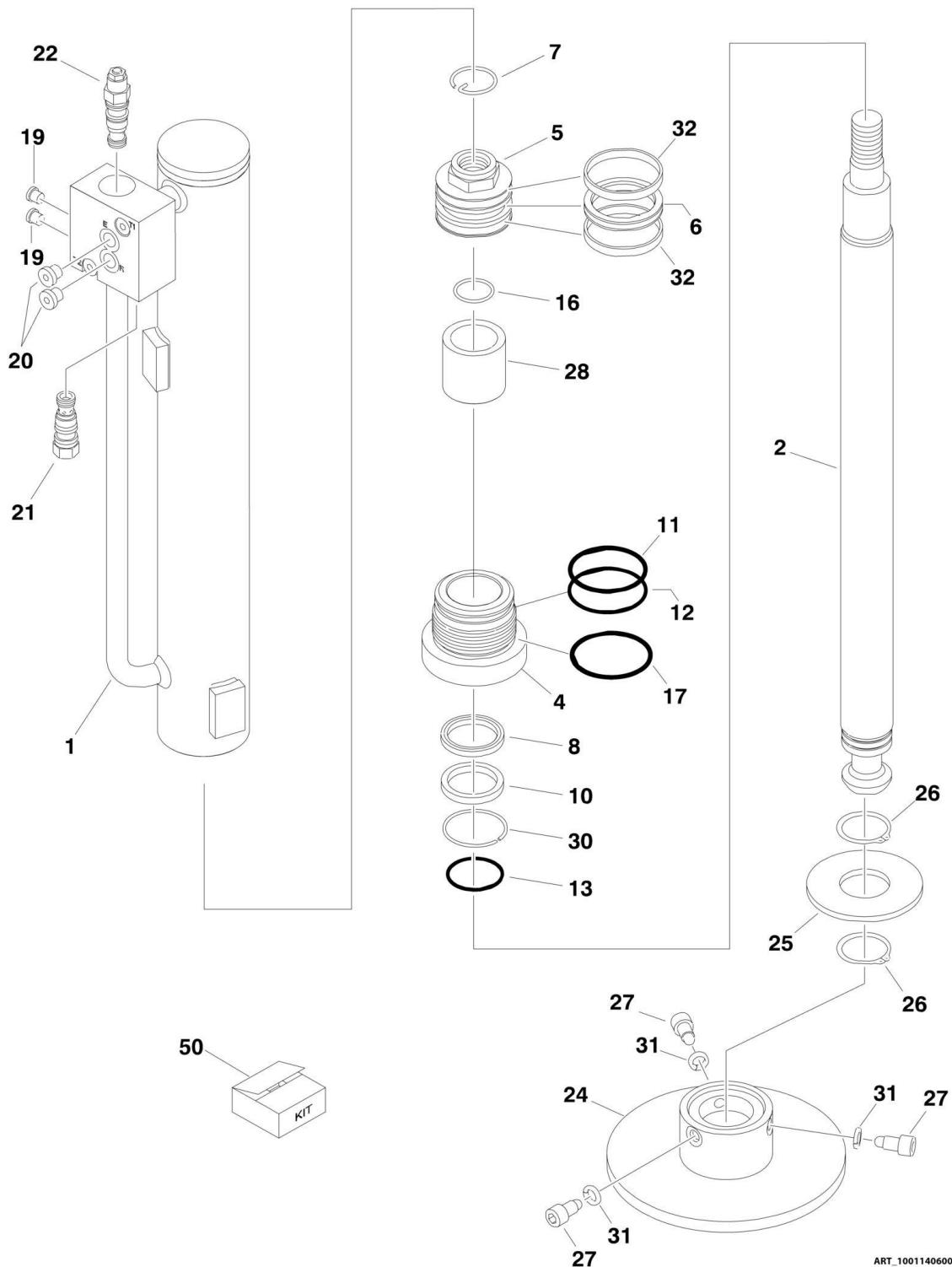
## SECTION 6 - CYLINDER

FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSEMBLY

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

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FIGURE 6-2. LEVELING JACK CYLINDER ASSEMBLY



ART\_1001140600

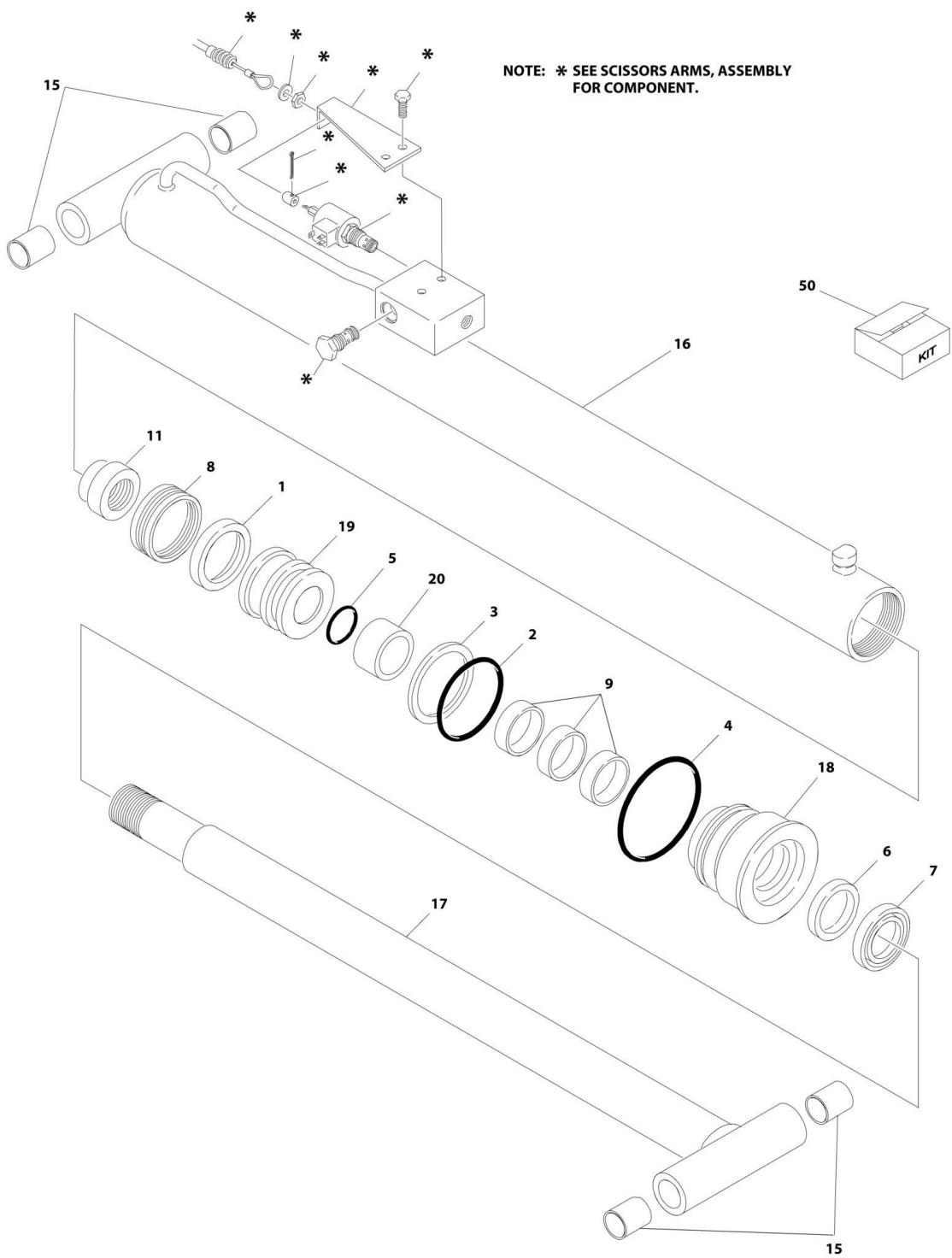
## SECTION 6 - CYLINDER

**FIGURE 6-2. LEVELING JACK CYLINDER ASSEMBLY**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001140600	Ref	LEVELING JACK CYLINDER ASSEMBLY	
1	70003826	1	Barrel	B
2	70003827	1	Rod	
4	70003818	1	Head	
5	70003819	1	Piston	
6	See Note	NSS	Seal, Piston (Note: Use Item 50)	
7	70002216	1	Retainer	
8	See Note	NSS	Seal, Rod (Note: Use Item 50)	
10	See Note	NSS	Seal, Wiper (Note: Use Item 50)	
11	See Note	NSS	O-Ring (Note: Use Item 50)	
12	See Note	NSS	Ring, Back-up (Note: Use Item 50)	
13	70003820	1	O-Ring	
16	See Note	NSS	O-Ring (Note: Use Item 50)	
17	See Note	NSS	O-Ring (Note: Use Item 50)	
19	7017406	2	Plug	
20	7024844	2	Plug	
21	4641156	1	Valve, Check	
21	2900770	1	Seal Kit - 4641156 Valve	
22	4640495	1	Valve, Counter Balance	
22	2900770	1	Seal Kit - 4640495 Valve	
24	70003828	1	Pad, Jack	
25	70003821	1	Plate	
26	70003822	2	Ring, Retaining	
27	70003823	3	Screw 1/2 x 1-1/4	
28	70003824	1	Spacer	
30	70002219	1	Ring, Retaining	
31	70003825	3	Washer	
32	See Note	NSS	Ring, Wear (Note: Use Item 50)	
50	70003829	1	Seal Kit (Includes Items 6, 8-12, 16, 17 & 32)	

## SECTION 6 - CYLINDER

FIGURE 6-3. LIFT CYLINDER ASSEMBLY - 3369LE/M3369



ART\_1684119

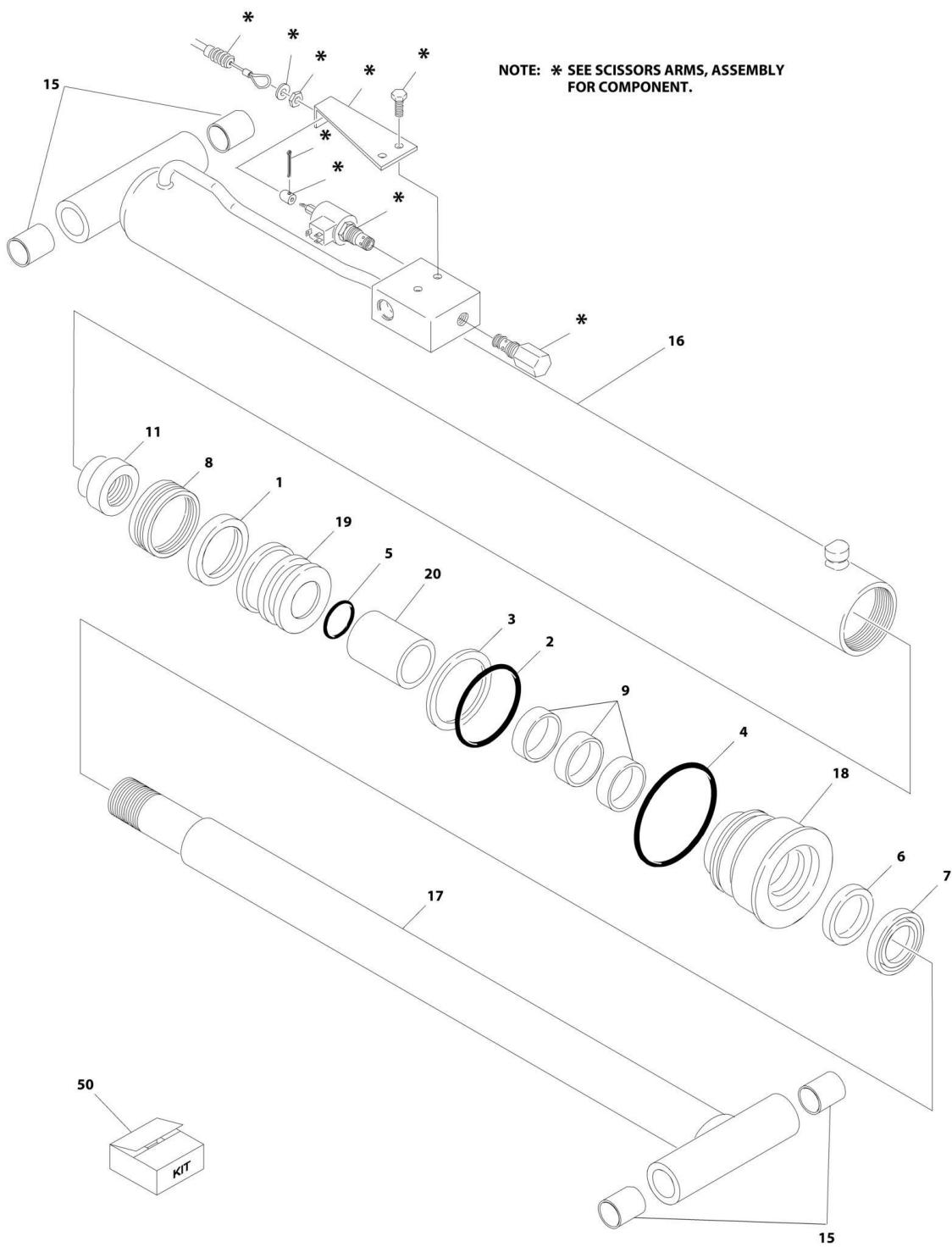
## SECTION 6 - CYLINDER

FIGURE 6-3. LIFT CYLINDER ASSEMBLY - 3369LE/M3369

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1684119	Ref	LIFT CYLINDER ASSEMBLY	
1	See Note	NSS	Seal (Note: Use Item 50)	
2	See Note	NSS	O-Ring (Note: Use Item 50)	
3	See Note	NSS	Ring, Back-up (Note: Use Item 50)	
4	See Note	NSS	O-Ring (Note: Use Item 50)	
5	See Note	NSS	O-Ring (Note: Use Item 50)	
6	See Note	NSS	Seal (Note: Use Item 50)	
7	See Note	NSS	Wiper (Note: Use Item 50)	
8	See Note	NSS	Ring, Wear (Note: Use Item 50)	
9	See Note	NSS	Ring, Wear (Note: Use Item 50)	
11	7003226	1	Locknut	
15	0962012	4	Bushing	
16	7019898	1	Barrel	
17	70001358	1	Rod	
18	7019886	1	Head	
19	7024101	1	Piston	
20	70001357	1	Spacer	
50	7024103	1	Seal Kit (Includes Items 1-9)	D

## **SECTION 6 - CYLINDER**

## **FIGURE 6-4. LIFT (LOWER) CYLINDER ASSEMBLY - 4069LE/M4069**



ART\_1684120

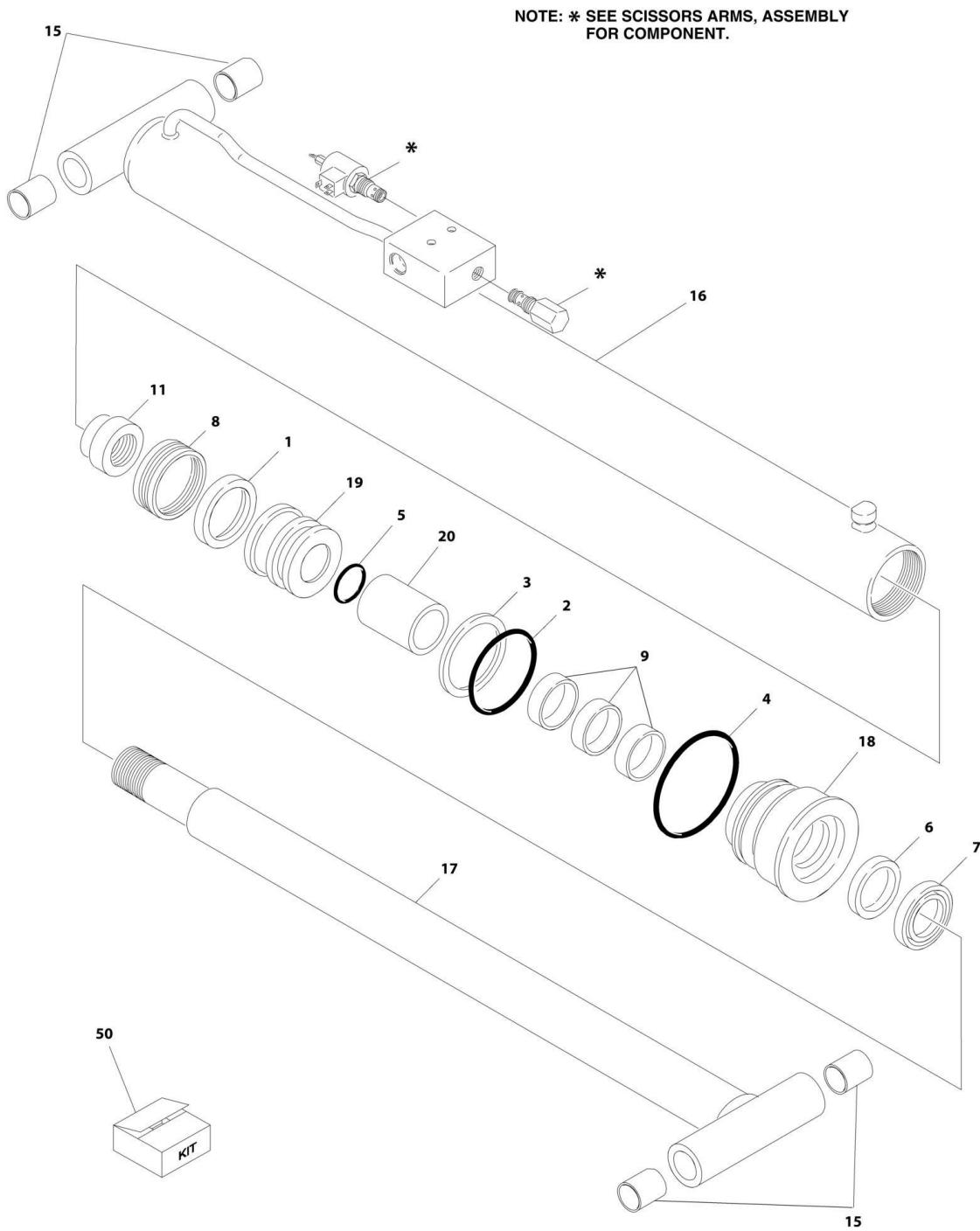
## SECTION 6 - CYLINDER

FIGURE 6-4. LIFT (LOWER) CYLINDER ASSEMBLY - 4069LE/M4069

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1684120	Ref	LIFT (LOWER) CYLINDER ASSEMBLY	
1	See Note	NSS	Seal (Note: Use Item 50)	C
2	See Note	NSS	O-Ring (Note: Use Item 50)	
3	See Note	NSS	Ring, Back-up (Note: Use Item 50)	
4	See Note	NSS	O-Ring (Note: Use Item 50)	
5	See Note	NSS	O-Ring (Note: Use Item 50)	
6	See Note	NSS	Seal (Note: Use Item 50)	
7	See Note	NSS	Wiper (Note: Use Item 50)	
8	See Note	NSS	Ring, Wear (Note: Use Item 50)	
9	See Note	NSS	Ring, Wear (Note: Use Item 50)	
11	7003226	1	Locknut	
15	7019889	4	Bushing	
16	7019888	1	Barrel	
17	7023505	1	Rod	
18	7019886	1	Head	
19	7024101	1	Piston	
20	7023509	1	Spacer	
50	7024103	1	Seal Kit (Includes Items 1-9)	

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FIGURE 6-5. LIFT (UPPER) CYLINDER ASSEMBLY - 4069LE/M4069



ART\_1684121

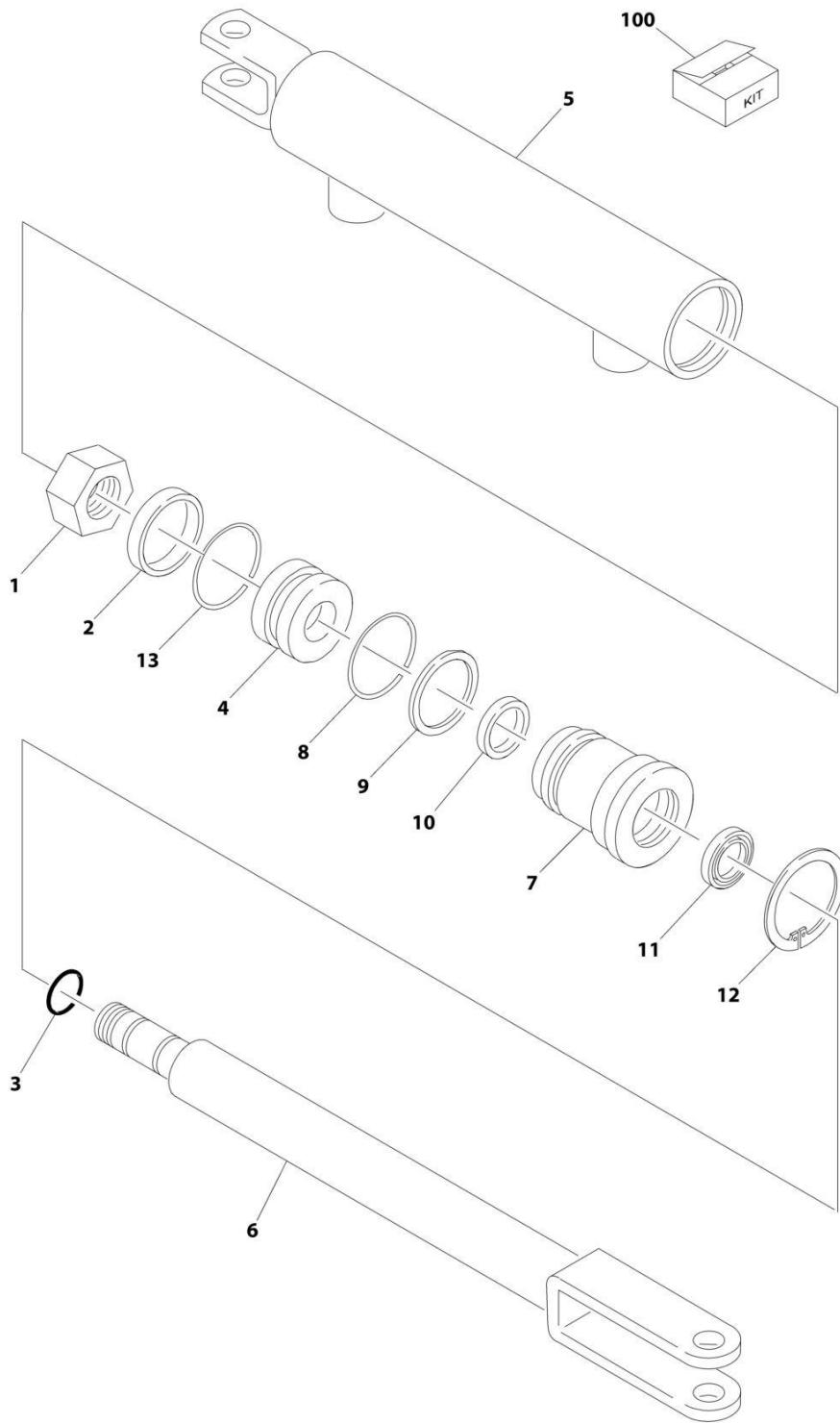
## SECTION 6 - CYLINDER

FIGURE 6-5. LIFT (UPPER) CYLINDER ASSEMBLY - 4069LE/M4069

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1684121	Ref	LIFT (UPPER) CYLINDER ASSEMBLY	
1	See Note	NSS	Seal (Note: Use Item 50)	C
2	See Note	NSS	O-Ring (Note: Use Item 50)	
3	See Note	NSS	Ring, Back-up (Note: Use Item 50)	
4	See Note	NSS	O-Ring (Note: Use Item 50)	
5	See Note	NSS	O-Ring (Note: Use Item 50)	
6	See Note	NSS	Seal (Note: Use Item 50)	
7	See Note	NSS	Wiper (Note: Use Item 50)	
8	See Note	NSS	Ring, Wear (Note: Use Item 50)	
9	See Note	NSS	Ring, Wear (Note: Use Item 50)	
11	7003212	1	Nut	
15	7019889	4	Bushing	
16	7019895	1	Barrel	
17	7023508	1	Rod	
18	7019893	1	Head	
19	7019862	1	Piston	
20	7023510	1	Spacer	
50	7024102	1	Seal Kit (Includes Items 1-9)	

## SECTION 6 - CYLINDER

FIGURE 6-6. STEER CYLINDER ASSEMBLY



ART\_1683994

## SECTION 6 - CYLINDER

**FIGURE 6-6. STEER CYLINDER ASSEMBLY**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1683994	Ref	STEER CYLINDER ASSEMBLY	
1	7001626	1	Locknut	D
2	See Note	NSS	Seal, Piston (Note: Use Item 50)	
3	See Note	NSS	O-Ring (Note: Use Item 50)	
4	70002518	1	Piston	
5	7023022	1	Barrel	
6	7023021	1	Rod	
7	7017294	1	Guide	
8	See Note	NSS	O-Ring (Note: Use Item 50)	
9	See Note	NSS	Ring, Back-up (Note: Use Item 50)	
10	See Note	NSS	Seal (Note: Use Item 50)	
11	See Note	NSS	Wiper (Note: Use Item 50)	
12	See Note	NSS	Ring, Retaining (Note: Use Item 50)	
13	See Note	NSS	O-Ring (Note: Use Item 50)	
100	70002517	1	Seal Kit (Includes Items 2, 3 & 8-13)	



**SECTION 7 - HYDRAULIC**

## SECTION 7 - HYDRAULIC

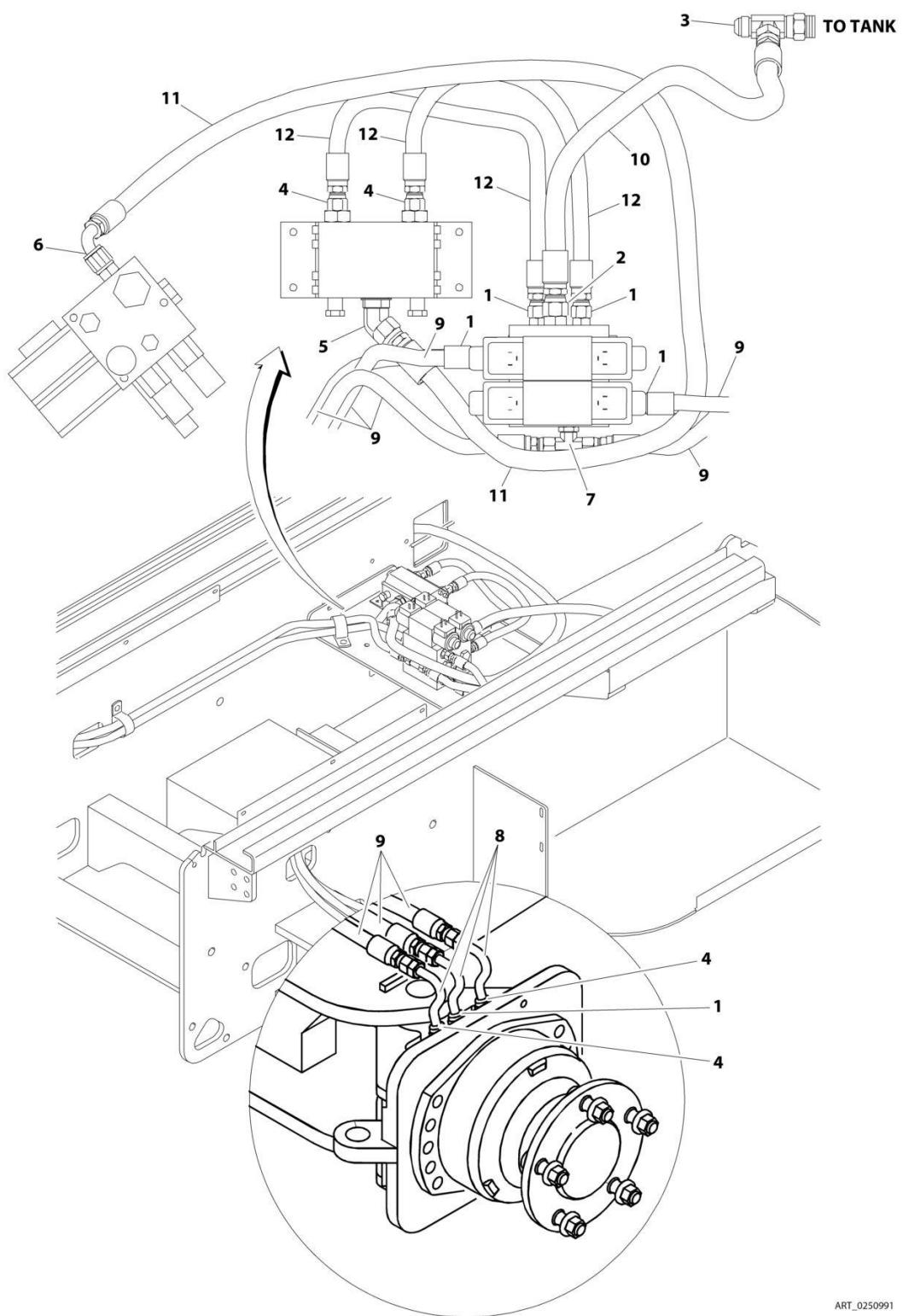
**FIGURE 7-1. HYDRAULIC DIAGRAM LIST**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270991	Ref	HYDRAULIC DIAGRAM LIST	
	0270991	Ref	Hydraulic Diagram - 4WD	
	2792494	Ref	Hydraulic Diagram - Leveling Jacks (Optional)	
	0275481	Ref	Hydraulic Diagram - Lift Cylinder - 3369LE/M3369 without LSS	
	0275525	Ref	Hydraulic Diagram - Lift Cylinder - 3369LE/M3369 with LSS	
	0275482	Ref	Hydraulic Diagram - Lift Cylinder - 4069LE/M4069 without LSS	
	0275526	Ref	Hydraulic Diagram - Lift Cylinder - 4069LE/M4069 with LSS	
	2792443	Ref	Hydraulic Diagram - Standard - 3369LE/M4069 with Fixed Axle	
	1001167496	Ref	Hydraulic Diagram - Standard - 3369LE/M3369 with Oscillating Axle (All Specs except CE Spec)	
	2792445	Ref	Hydraulic Diagram - Standard - 4069LE/M4069 with Fixed Axle	
	1001167498	Ref	Hydraulic Diagram - Standard - 4069LE/M4069 with Oscillating Axle (All Specs except CE Spec)	
	1001167495	Ref	Hydraulic Schematic (Except CE Spec) (Not Shown - See Service Manual)	
	1001191135	Ref	Hydraulic Schematic (CE Spec) (Not Shown - See Service Manual) ( <b>SN 0200246353 through 0200266243</b> )	
	1001191135	Ref	Hydraulic Schematic (CE Spec) (Not Shown - See Service Manual) ( <b>SN M200000100 through M200039307</b> )	
	1001191137	Ref	Hydraulic Diagram - Standard - 3369LE/M3369 with Oscillating Axle (CE SPEC)	
	1001191141	Ref	Hydraulic Diagram - Standard - 4069LE/M4069 with Oscillating Axle (CE SPEC)	



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## **FIGURE 7-2. HYDRAULIC DIAGRAM - 4WD**



ART\_0250991

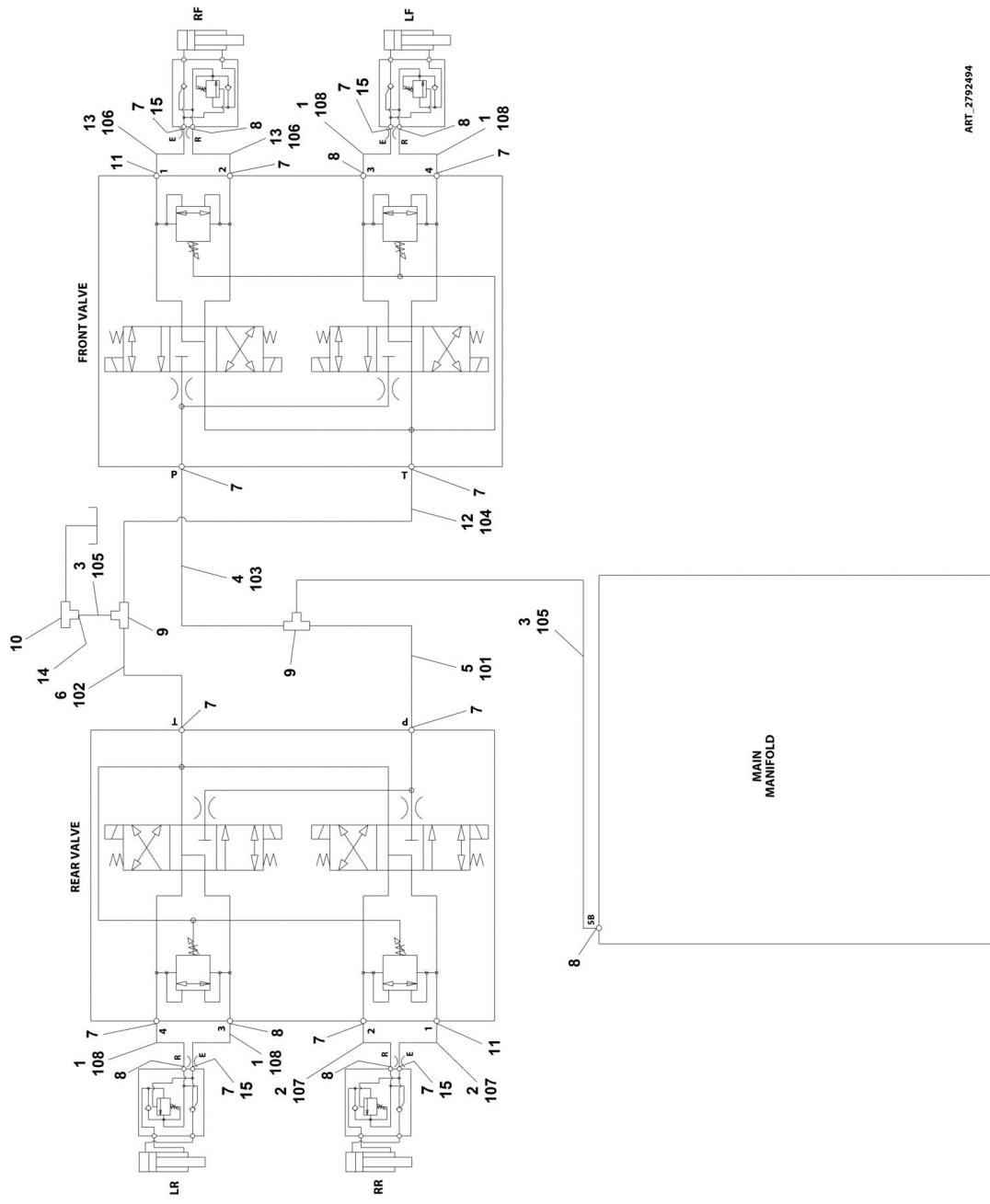
## SECTION 7 - HYDRAULIC

FIGURE 7-2. HYDRAULIC DIAGRAM - 4WD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270991	Ref	HYDRAULIC DIAGRAM - 4WD	
1	2220371	8	Fitting, Straight JIC/ORB	E
2	2220373	1	Fitting, Straight JIC/ORB	
3	2220385	1	Fitting, Tee JIC/JIC/JIC	
4	2220497	6	Fitting, Straight JIC/ORB	
5	2220499	1	Fitting, 45 JIC/ORB	
6	2220600	1	Fitting, Straight FL/ORB	
7	2220899	1	Fitting, Tee JIC/ORB/JIC	
8	2230087	6	Fitting	
9	2752966	6	Hose	
10	2752516	1	Hose	
11	2752497	1	Hose	
12	2753118	2	Hose	

## SECTION 7 - HYDRAULIC

FIGURE 7-3. HYDRAULIC DIAGRAM - LEVELING JACKS (OPTIONAL)



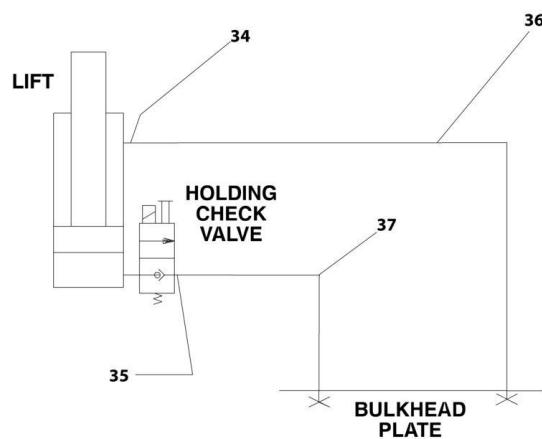
## SECTION 7 - HYDRAULIC

**FIGURE 7-3. HYDRAULIC DIAGRAM - LEVELING JACKS (OPTIONAL)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2792494	Ref	HYDRAULIC DIAGRAM - LEVELING JACKS (OPTIONAL)	
1	2753532	4	Hose ( <b>Prior to SN M200011808</b> )	
2	2753529	2	Hose ( <b>Prior to SN M200011808</b> )	
3	2753397	2	Hose ( <b>Prior to SN M200011808</b> )	
4	2753059	1	Hose ( <b>Prior to SN M200011808</b> )	
5	2750908	1	Hose ( <b>Prior to SN M200011808</b> )	
6	2750915	1	Hose ( <b>Prior to SN M200011808</b> )	
7	2220371	12	Fitting, Straight JIC/ORB	
8	2220473	7	Fitting, 90 JIC/ORB	
9	2220490	2	Fitting, Tee JIC/JIC/JIC	
10	2220385	1	Fitting, Tee JIC/JIC/JIC	
11	2220819	2	Fitting, 90 JIC/ORB	
12	2753120	1	Hose ( <b>Prior to SN M200011808</b> )	
13	2753524	2	Hose ( <b>Prior to SN M200011808</b> )	
14	2220619	1	Fitting, Reducer JIC/JIC	
15	2221089	4	Orifice (.0625)	
100	1001230581	Ref	Kit, Fixed Axle Hose ( <b>SN M200011808 through M200039307</b> )	
101	See Note	1	Hose (Note: Use p/n 1001230581)	
102	See Note	1	Hose (Note: Use p/n 1001230581)	
103	See Note	1	Hose (Note: Use p/n 1001230581)	
104	See Note	1	Hose (Note: Use p/n 1001230581)	
105	See Note	2	Hose (Note: Use p/n 1001230581)	
106	See Note	1	Hose (Note: Use p/n 1001230581)	
107	See Note	1	Hose (Note: Use p/n 1001230581)	
108	See Note	1	Hose (Note: Use p/n 1001230581)	

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FIGURE 7-4. HYDRAULIC DIAGRAM - LIFT CYLINDER - 3369LE/M3369 WITHOUT LSS



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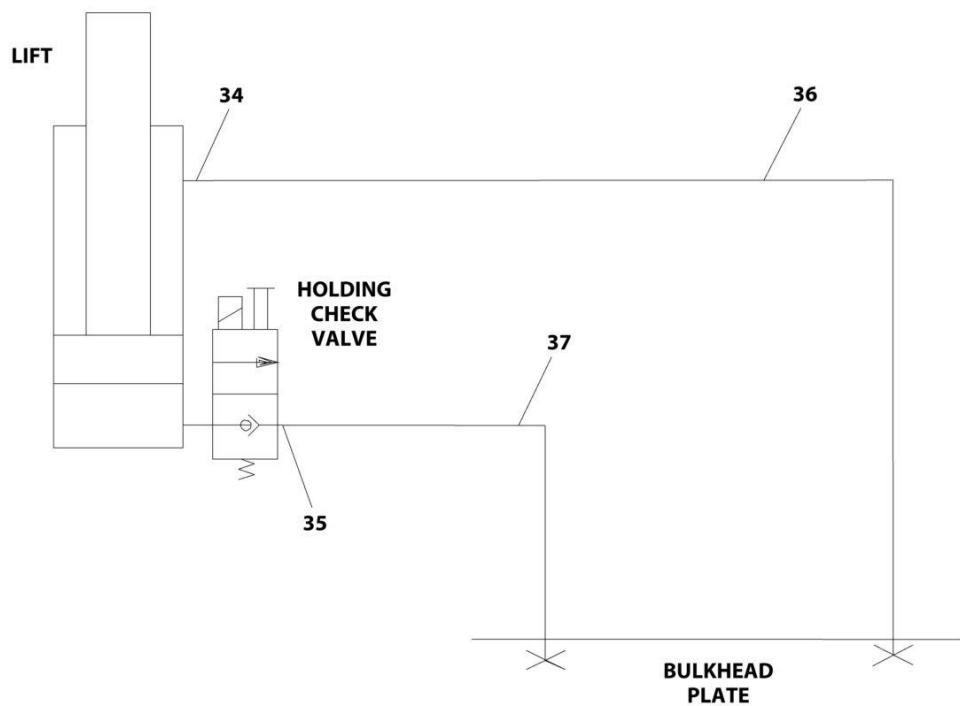
## SECTION 7 - HYDRAULIC

FIGURE 7-4. HYDRAULIC DIAGRAM - LIFT CYLINDER - 3369LE/M3369 WITHOUT LSS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275481	Ref	HYDRAULIC DIAGRAM - LIFT CYLINDER - 3369LE/M3369 WITHOUT LSS	
34	2220371	1	Fitting, Straight JIC/ORB	
35	2220473	1	Fitting, 90 JIC/ORB	
36	2753137	1	Hose	
37	2753526	1	Hose	

## SECTION 7 - HYDRAULIC

FIGURE 7-5. HYDRAULIC DIAGRAM - LIFT CYLINDER - 3369LE/M3369 WITH LSS



ART\_0275525\_G\_2OF2

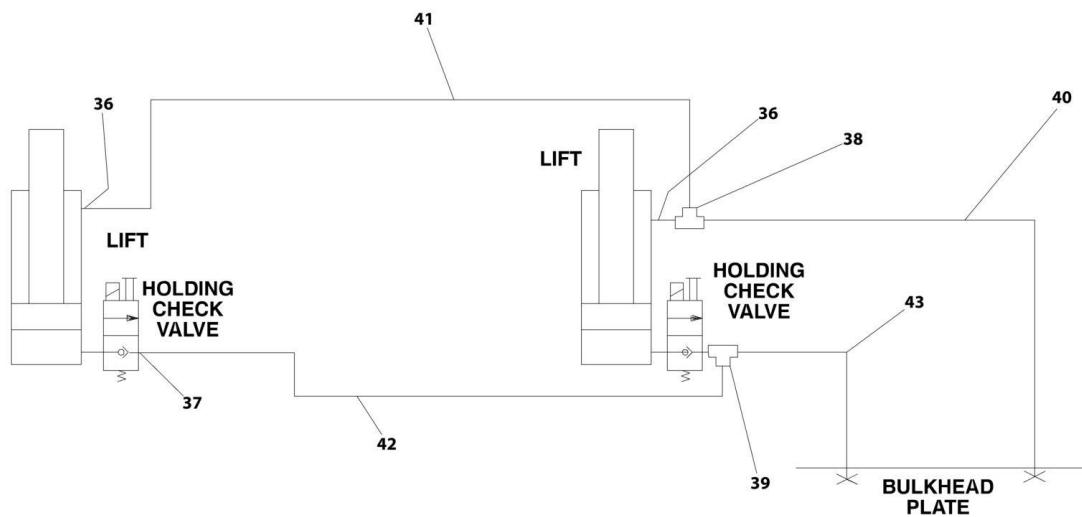
## SECTION 7 - HYDRAULIC

FIGURE 7-5. HYDRAULIC DIAGRAM - LIFT CYLINDER - 3369LE/M3369 WITH LSS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
34	0275525	Ref	HYDRAULIC DIAGRAM - LIFT CYLINDER - WITH LSS	G
34	2220371	1	Fitting, Straight JIC/ORB	
35	2220473	1	Fitting, 90 JIC/ORB	
36	2753137	1	Hose	
37	2753526	1	Hose	

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FIGURE 7-6. HYDRAULIC DIAGRAM - LIFT CYLINDER - 4069LE/M4069 WITHOUT LSS



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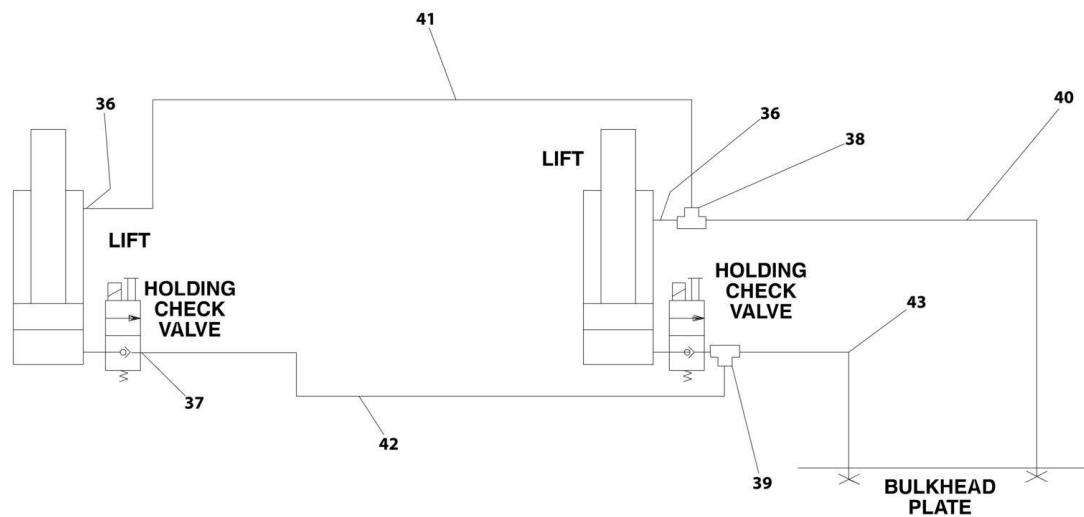
## SECTION 7 - HYDRAULIC

FIGURE 7-6. HYDRAULIC DIAGRAM - LIFT CYLINDER - 4069LE/M4069 WITHOUT LSS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275482	Ref	HYDRAULIC DIAGRAM - LIFT CYLINDER - 4069LE/M4069 WITHOUT LSS	E
36	2220371	2	Fitting, Straight JIC/ORB	
37	2220473	1	Fitting, 90 JIC/ORB	
38	2220635	1	Fitting, Tee JIC/JIC/JIC	
39	2220899	1	Fitting, Tee JIC/ORB/JIC	
40	2753137	1	Hose	
41	2753414	1	Hose	
42	2753415	1	Hose	
43	2753526	1	Hose	

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FIGURE 7-7. HYDRAULIC DIAGRAM - LIFT CYLINDER - 4069LE/M4069 WITH LSS



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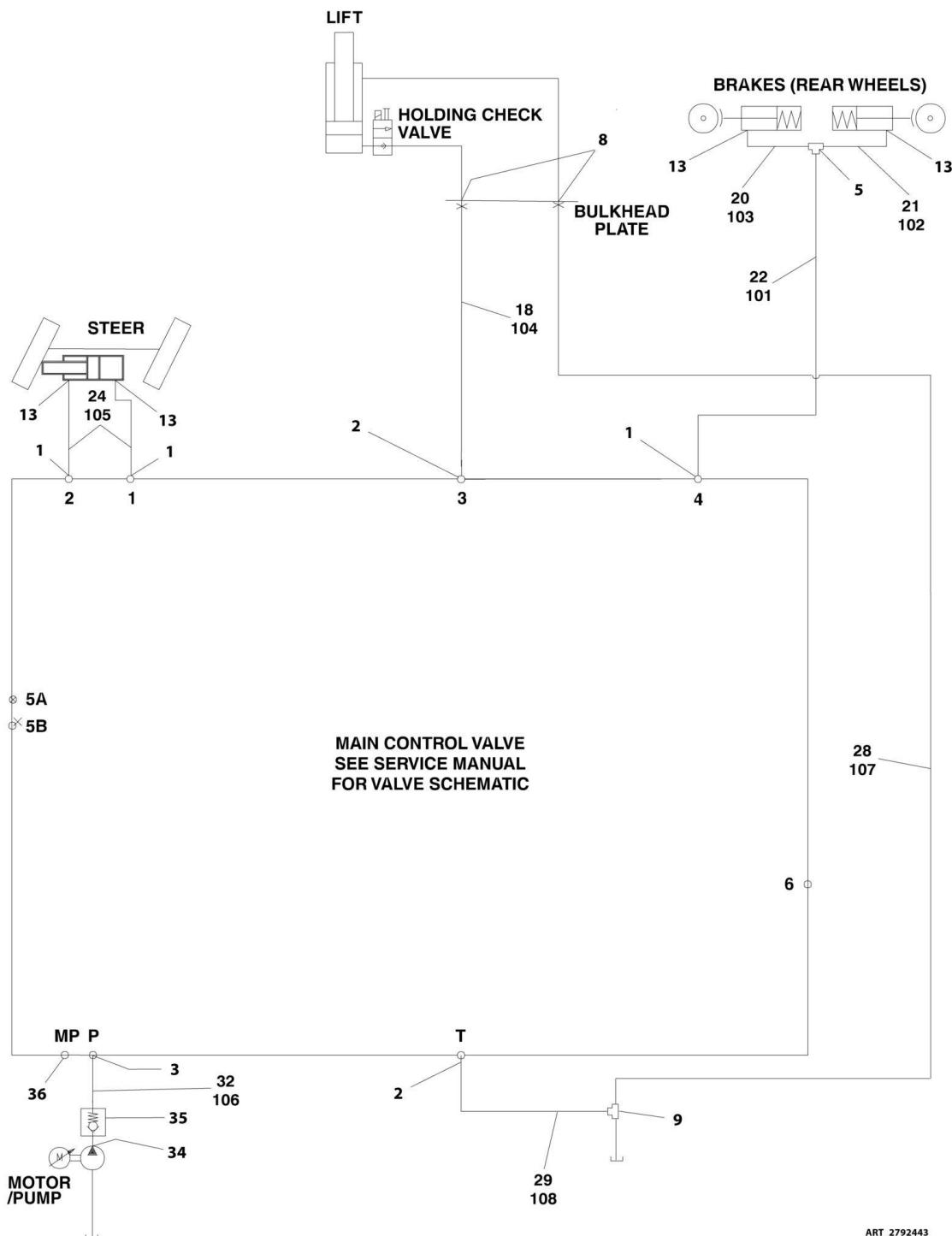
## SECTION 7 - HYDRAULIC

FIGURE 7-7. HYDRAULIC DIAGRAM - LIFT CYLINDER - 4069LE/M4069 WITH LSS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
36	0275526	1	HYDRAULIC DIAGRAM - LIFT CYLINDER - WITH LSS	G
	2220371	2	Fitting, Straight JIC/ORB	
37	2220473	1	Fitting, 90 JIC/ORB	
38	2220635	1	Fitting, Tee JIC/JIC/JIC	
39	2220899	1	Fitting, Tee JIC/ORB/JIC	
40	2753137	1	Hose	
41	2753414	1	Hose	
42	2753415	1	Hose	
43	2753526	1	Hose	

## **SECTION 7 - HYDRAULIC**

**FIGURE 7-8. HYDRAULIC DIAGRAM - STANDARD - 3369L E/M3369 WITH FIXED AXLE**



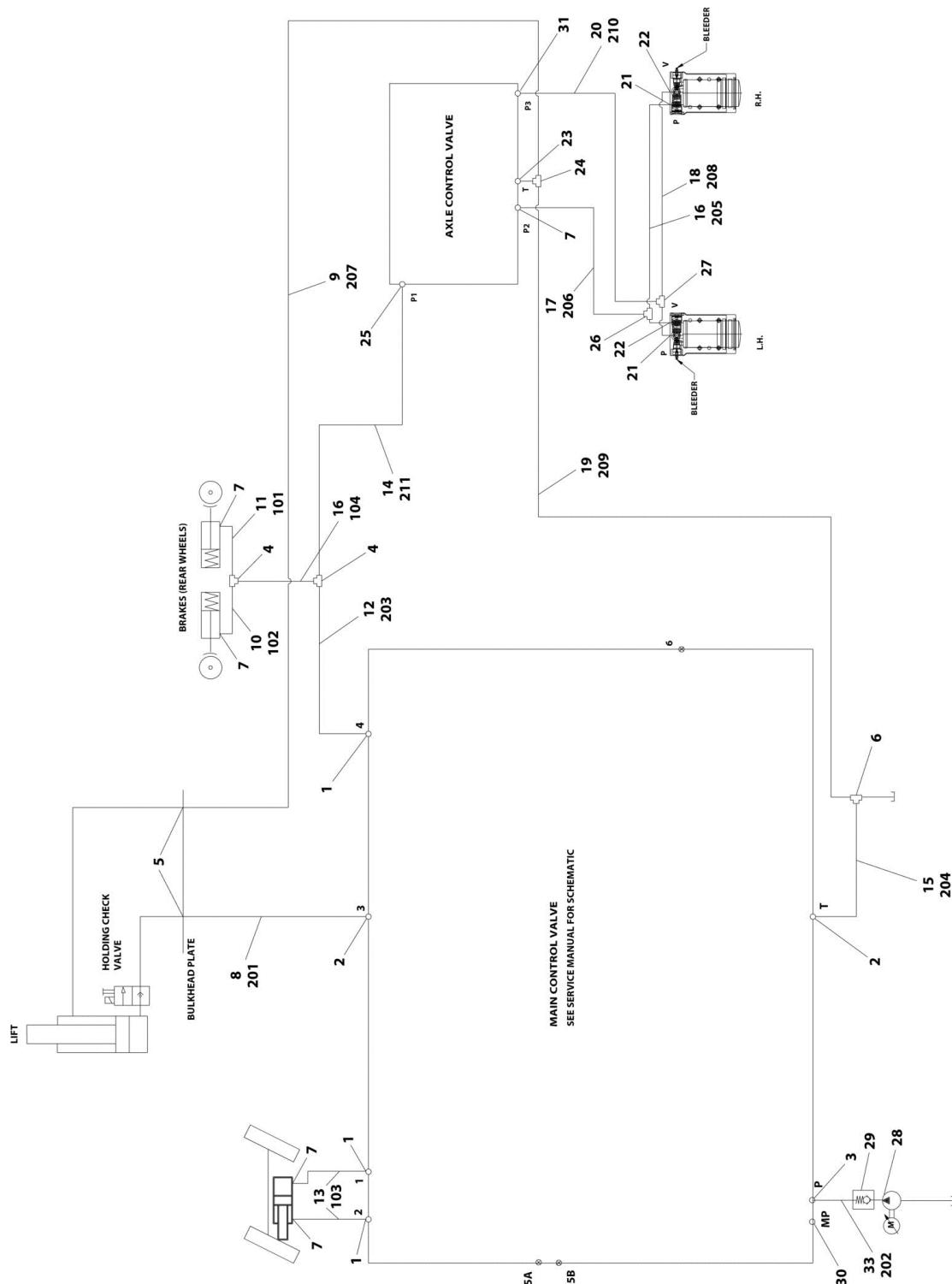
## SECTION 7 - HYDRAULIC

**FIGURE 7-8. HYDRAULIC DIAGRAM - STANDARD - 3369LE/M3369 WITH FIXED AXLE**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2792443	Ref	HYDRAULIC DIAGRAM - STANDARD - 3369LE/M3369 WITH FIXED AXLE	F
1	2220415	3	Fitting, Straight JIC/ORB	
2	2220371	2	Fitting, Straight JIC/ORB	
3	2220373	1	Fitting, Straight JIC/ORB	
5	2220504	1	Fitting, Tee JIC/JIC/JIC	
8	2230024	2	Fitting, Bulkhead JIC/JIC	
9	2221041	1	Fitting, Tee	
13	2220466	4	Fitting, 90 JIC/ORB	
18	2752958	1	Hose ( <b>Prior to SN M200011808</b> )	
20	2752593	1	Hose ( <b>Prior to SN M200011808</b> )	
21	2752444	1	Hose ( <b>Prior to SN M200011808</b> )	
22	2750905	1	Hose ( <b>Prior to SN M200011808</b> )	
24	2752983	2	Hose ( <b>Prior to SN M200011808</b> )	
28	2753527	1	Hose ( <b>Prior to SN M200011808</b> )	
29	2753528	1	Hose ( <b>Prior to SN M200011808</b> )	
32	2753187	1	Hose ( <b>Prior to SN M200011808</b> )	
34	2220810	1	Fitting, Straight ORB/ORB	
35	4640744	1	Valve, Inline Check	
36	2221086	1	Fitting, Test Port	
100	1001230578	Ref	Kit, Fixed Axle Hose ( <b>SN M200011808 through M200039307</b> )	
101	See Note	1	Hose (Note: Use p/n 1001230578)	
102	See Note	1	Hose (Note: Use p/n 1001230578)	
103	See Note	1	Hose (Note: Use p/n 1001230578)	
104	See Note	1	Hose (Note: Use p/n 1001230578)	
105	See Note	2	Hose (Note: Use p/n 1001230578)	
106	See Note	1	Hose (Note: Use p/n 1001230578)	
107	See Note	1	Hose (Note: Use p/n 1001230578)	
108	See Note	1	Hose (Note: Use p/n 1001230578)	

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**FIGURE 7-9. HYDRAULIC DIAGRAM - STANDARD - 3369LE/M3369 WITH OSCILLATING AXLE (ALL SPECS EXCEPT CE SPEC)**



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**FIGURE 7-9. HYDRAULIC DIAGRAM - STANDARD - 3369LE/M3369 WITH OSCILLATING AXLE (ALL SPECS EXCEPT CE SPEC)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167496	Ref	HYDRAULIC DIAGRAM - STANDARD - 3369LE/M3369 WITH OSCILLATING AXLE (ALL SPECS EXCEPT CE SPEC)	F
1	2220415	3	Fitting, Straight	
2	2220371	2	Fitting, Straight	
3	2220373	1	Fitting, Straight	
4	2220504	2	Fitting, Tee	
5	2230024	2	Fitting, Bulkhead	
6	2221041	1	Fitting, Tee	
7	2220466	5	Fitting, 90	
8	2752958	1	Hose ( <b>Prior to SN M200011808</b> )	
9	1001170684	1	Hose ( <b>Prior to SN M200011808</b> )	
10	2752593	1	Hose ( <b>Prior to SN M200011808</b> )	
11	2752444	1	Hose ( <b>Prior to SN M200011808</b> )	
12	2753462	1	Hose ( <b>Prior to SN M200011808</b> )	
13	2752983	2	Hose ( <b>Prior to SN M200011808</b> )	
14	1001177692	1	Hose ( <b>Prior to SN M200011808</b> )	
15	2753528	1	Hose ( <b>Prior to SN M200011808</b> )	
16	1001170682	2	Hose ( <b>Prior to SN M200011808</b> )	
17	1001170683	1	Hose ( <b>Prior to SN M200011808</b> )	
18	1001170685	1	Hose ( <b>Prior to SN M200011808</b> )	
19	1001170686	1	Hose ( <b>Prior to SN M200011808</b> )	
20	1001170687	1	Hose ( <b>Prior to SN M200011808</b> )	
21	2220923	2	Fitting, Straight JIC/ORB	
22	2220998	1	Fitting, Straight JIC/ORB	
23	2220603	1	Fitting, Straight JIC/ORB	
24	2220579	1	Fitting, Tee JIC/JIC/JIC	
25	2220502	1	Fitting, 45 JIC/ORB	
26	2220605	1	Fitting, Tee JIC/JIC/JIC	
27	2220635	1	Fitting, Tee JIC/JIC/JIC	
28	2220810	1	Fitting, Straight ORB/ORB	
29	4640744	1	Valve, Inline Check	
30	2221086	1	Fitting, Test Port	
31	2220775	1	Fitting, 90 JIC/ORB	
33	2753187	1	Hose ( <b>Prior to SN M200011808</b> )	
100	1001230577	Ref	Kit, Frame Hose ( <b>SN M200011808 through M200039307</b> )	
101	See Note	1	Hose (Note: Use p/n 1001230577)	
102	See Note	1	Hose (Note: Use p/n 1001230577)	
103	See Note	1	Hose (Note: Use p/n 1001230577)	
104	See Note	1	Hose (Note: Use p/n 1001230577)	
200	1001230579	Ref	Kit, Hosing Station ( <b>SN M200011808 through M200039307</b> )	
201	See Note	2	Hose (Note: Use p/n 1001230579)	
202	See Note	1	Hose (Note: Use p/n 1001230579)	
203	See Note	1	Hose (Note: Use p/n 1001230579)	
204	See Note	2	Hose (Note: Use p/n 1001230579)	
205	See Note	1	Hose (Note: Use p/n 1001230579)	
206	See Note	2	Hose (Note: Use p/n 1001230579)	
207	See Note	1	Hose (Note: Use p/n 1001230579)	
208	See Note	1	Hose (Note: Use p/n 1001230579)	
209	See Note	1	Hose (Note: Use p/n 1001230579)	

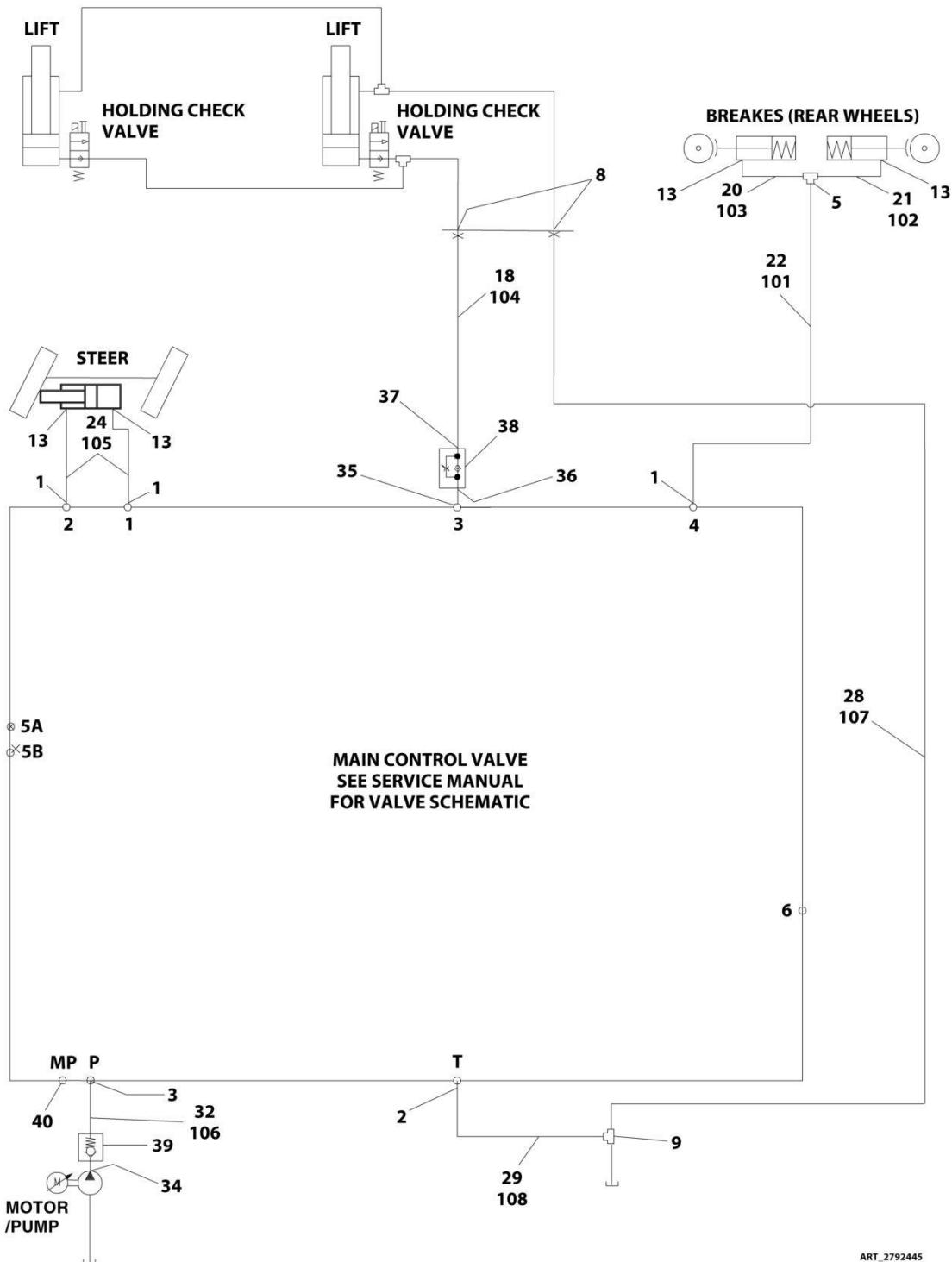
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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
210	See Note	1	Hose (Note: Use p/n 1001230579)	
211	See Note	1	Hose (Note: Use p/n 1001230579)	



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FIGURE 7-10. HYDRAULIC DIAGRAM - STANDARD - 4069LE/M4069 WITH FIXED AXLE



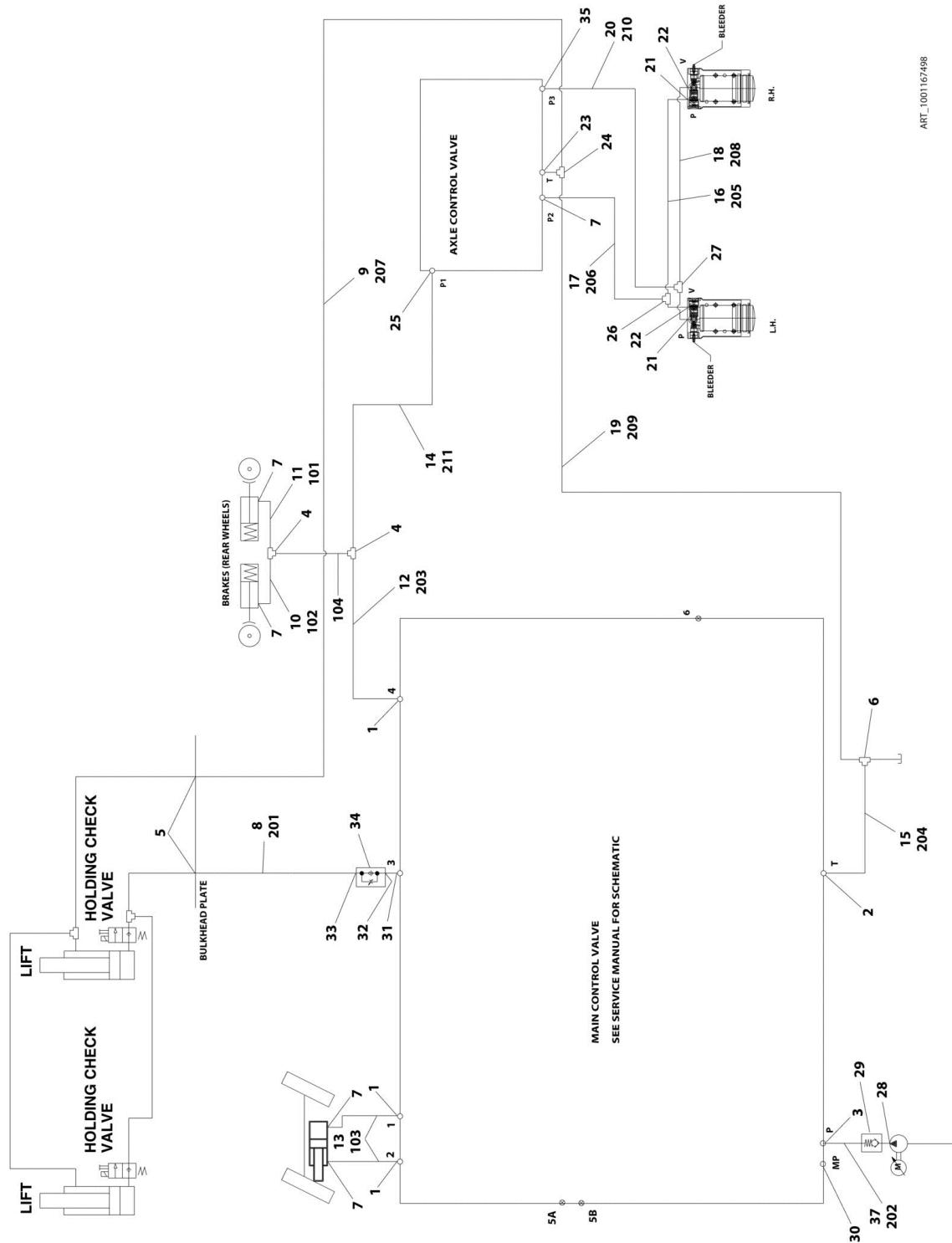
## SECTION 7 - HYDRAULIC

**FIGURE 7-10. HYDRAULIC DIAGRAM - STANDARD - 4069LE/M4069 WITH FIXED AXLE**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2792445	Ref	HYDRAULIC DIAGRAM - STANDARD - 4069LE/M4069 WITH FIXED AXLE	G
1	2220415	3	Fitting, Straight JIC/ORB	
2	2220371	1	Fitting, Straight JIC/ORB	
3	2220373	1	Fitting, Straight JIC/ORB	
5	2220504	1	Fitting, Tee JIC/JIC/JIC	
8	2230024	2	Fitting, Bulkhead JIC/JIC	
9	2221041	1	Fitting, Tee	
13	2220466	4	Fitting, 90 JIC/ORB	
18	2752958	1	Hose ( <b>Prior to SN M200011808</b> )	
20	2752593	1	Hose ( <b>Prior to SN M200011808</b> )	
21	2752444	1	Hose ( <b>Prior to SN M200011808</b> )	
22	2750905	1	Hose ( <b>Prior to SN M200011808</b> )	
24	2752983	2	Hose ( <b>Prior to SN M200011808</b> )	
28	2753527	1	Hose ( <b>Prior to SN M200011808</b> )	
29	2753528	1	Hose ( <b>Prior to SN M200011808</b> )	
32	2753187	1	Hose ( <b>Prior to SN M200011808</b> )	
34	2220810	1	Fitting, Straight ORB/ORB	
35	2220600	1	Fitting, Straight ORB	
36	2220651	1	Fitting, Straight	
37	2221044	1	Fitting, 45	
38	4640757	1	Valve, Color Flow	
39	4640744	1	Valve, Inline Check	
40	2221086	1	Fitting, Test Port	
100	1001230578	Ref	Kit, Fixed Axle Hose ( <b>SN M200011808 through M200039307</b> )	
101	See Note	1	Hose (Note: Use p/n 1001230578)	
102	See Note	1	Hose (Note: Use p/n 1001230578)	
103	See Note	1	Hose (Note: Use p/n 1001230578)	
104	See Note	1	Hose (Note: Use p/n 1001230578)	
105	See Note	2	Hose (Note: Use p/n 1001230578)	
106	See Note	1	Hose (Note: Use p/n 1001230578)	
107	See Note	1	Hose (Note: Use p/n 1001230578)	
108	See Note	1	Hose (Note: Use p/n 1001230578)	

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FIGURE 7-11. HYDRAULIC DIAGRAM - STANDARD - 4069LE/M4069 WITH OSCILLATING AXLE (ALL SPECS EXCEPT CE SPEC)



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**FIGURE 7-11. HYDRAULIC DIAGRAM - STANDARD - 4069LE/M4069 WITH OSCILLATING AXLE (ALL SPECS EXCEPT CE SPEC)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167498	Ref	HYDRAULIC DIAGRAM - STANDARD - 4069LE/M4069 WITH OSCILLATING AXLE (ALL SPECS EXCEPT CE SPEC)	E
1	2220415	3	Fitting, Straight	
2	2220371	1	Fitting, Straight	
3	2220373	1	Fitting, Straight	
4	2220504	2	Fitting, Tee	
5	2230024	2	Fitting, Bulkhead	
6	2221041	1	Fitting, Tee	
7	2220466	5	Fitting, 90	
8	2752958	1	Hose ( <b>Prior to SN M200011808</b> )	
9	1001170684	1	Hose ( <b>Prior to SN M200011808</b> )	
10	2752593	1	Hose ( <b>Prior to SN M200011808</b> )	
11	2752444	1	Hose ( <b>Prior to SN M200011808</b> )	
12	2753462	1	Hose ( <b>Prior to SN M200011808</b> )	
13	2752983	2	Hose ( <b>Prior to SN M200011808</b> )	
14	1001177692	1	Hose ( <b>Prior to SN M200011808</b> )	
15	2753528	1	Hose ( <b>Prior to SN M200011808</b> )	
16	1001170682	2	Hose ( <b>Prior to SN M200011808</b> )	
17	1001170683	1	Hose ( <b>Prior to SN M200011808</b> )	
18	1001170685	1	Hose ( <b>Prior to SN M200011808</b> )	
19	1001170686	1	Hose ( <b>Prior to SN M200011808</b> )	
20	1001170687	1	Hose ( <b>Prior to SN M200011808</b> )	
21	2220923	2	Fitting, Straight JIC/ORB	
22	2220998	1	Fitting, Straight JIC/ORB	
23	2220603	1	Fitting, Straight JIC/ORB	
24	2220579	1	Fitting, Tee JIC/JIC/JIC	
25	2220502	1	Fitting, 45 JIC/ORB	
26	2220605	1	Fitting, Tee JIC/JIC/JIC	
27	2220635	1	Fitting, Tee JIC/JIC/JIC	
28	2220810	1	Fitting, Straight ORB/ORB	
29	4640744	1	Valve, Inline Check	
30	2221086	1	Fitting, Test Port	
31	2220600	1	Fitting, Straight ORB	
32	2220651	1	Fitting, Straight	
33	2221044	1	Fitting, 45	
34	4640757	1	Valve, Color Flow	
35	2220775	1	Fitting, 90 JIC/ORB	
37	2753187	1	Hose ( <b>Prior to SN M200011808</b> )	
100	1001230577	Ref	Kit, Frame Hose ( <b>SN M200011808 through M200039307</b> )	
101	See Note	1	Hose (Note: Use p/n 1001230577)	
102	See Note	1	Hose (Note: Use p/n 1001230577)	
103	See Note	1	Hose (Note: Use p/n 1001230577)	
104	See Note	1	Hose (Note: Use p/n 1001230577)	
200	1001230579	Ref	Kit, Hosing Station ( <b>SN M200011808 through M200039307</b> )	
201	See Note	2	Hose (Note: Use p/n 1001230579)	
202	See Note	1	Hose (Note: Use p/n 1001230579)	
203	See Note	1	Hose (Note: Use p/n 1001230579)	
204	See Note	2	Hose (Note: Use p/n 1001230579)	
205	See Note	1	Hose (Note: Use p/n 1001230579)	

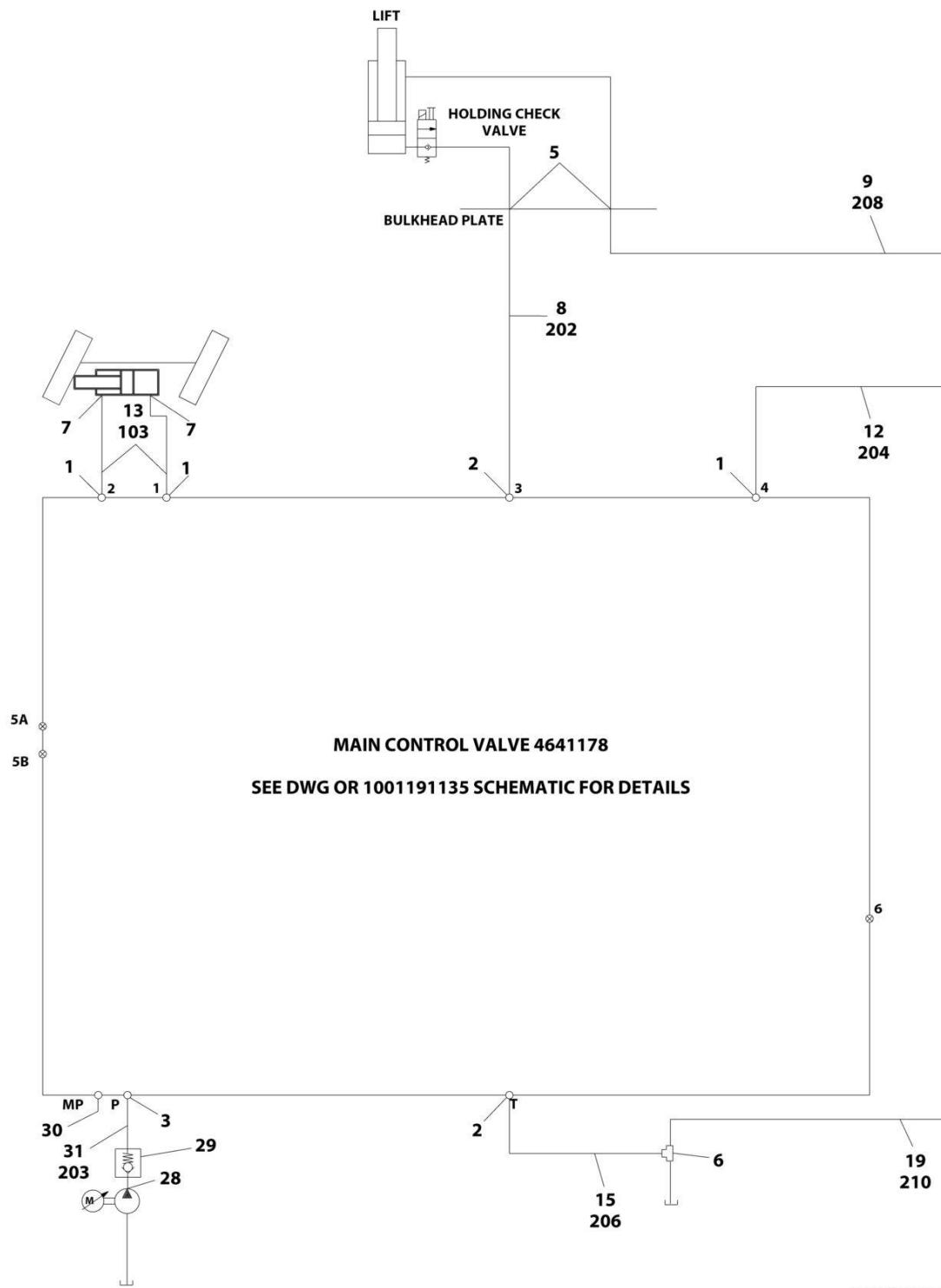
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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
206	See Note	2	Hose (Note: Use p/n 1001230579)	
207	See Note	1	Hose (Note: Use p/n 1001230579)	
208	See Note	1	Hose (Note: Use p/n 1001230579)	
209	See Note	1	Hose (Note: Use p/n 1001230579)	
210	See Note	1	Hose (Note: Use p/n 1001230579)	
211	See Note	1	Hose (Note: Use p/n 1001230579)	

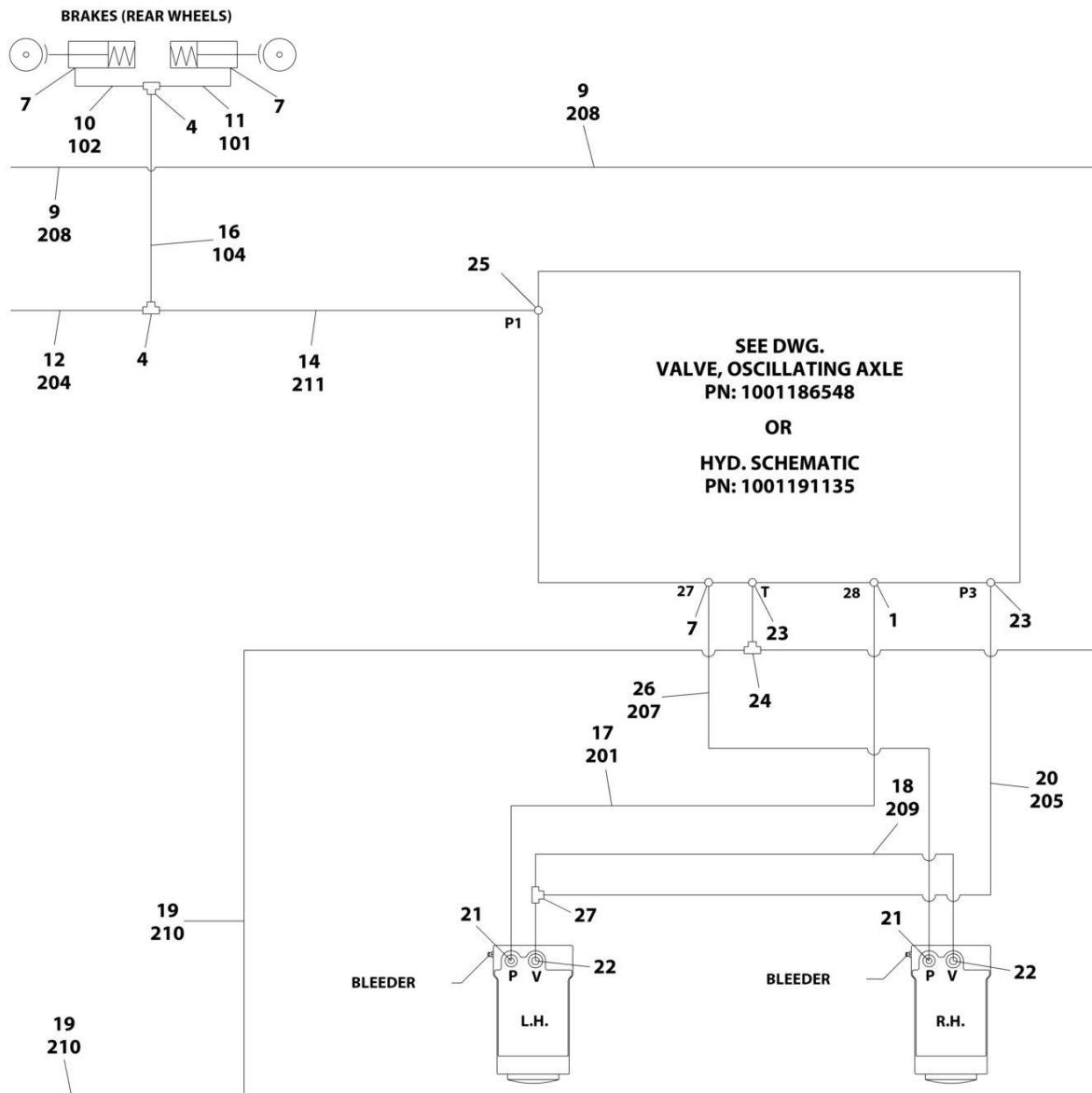


## SECTION 7 - HYDRAULIC

**FIGURE 7-12. HYDRAULIC DIAGRAM - STANDARD - 3369LE/M3369 WITH OSCILLATING AXLE (CE SPEC) (SN 0200246353 through 0200266243, SN M200000100 through M200039307)**



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## SECTION 7 - HYDRAULIC

**FIGURE 7-12. HYDRAULIC DIAGRAM - STANDARD - 3369LE/M3369 WITH OSCILLATING AXLE (CE SPEC) (SN 0200246353 through 0200266243, SN M200000100 through M200039307)**

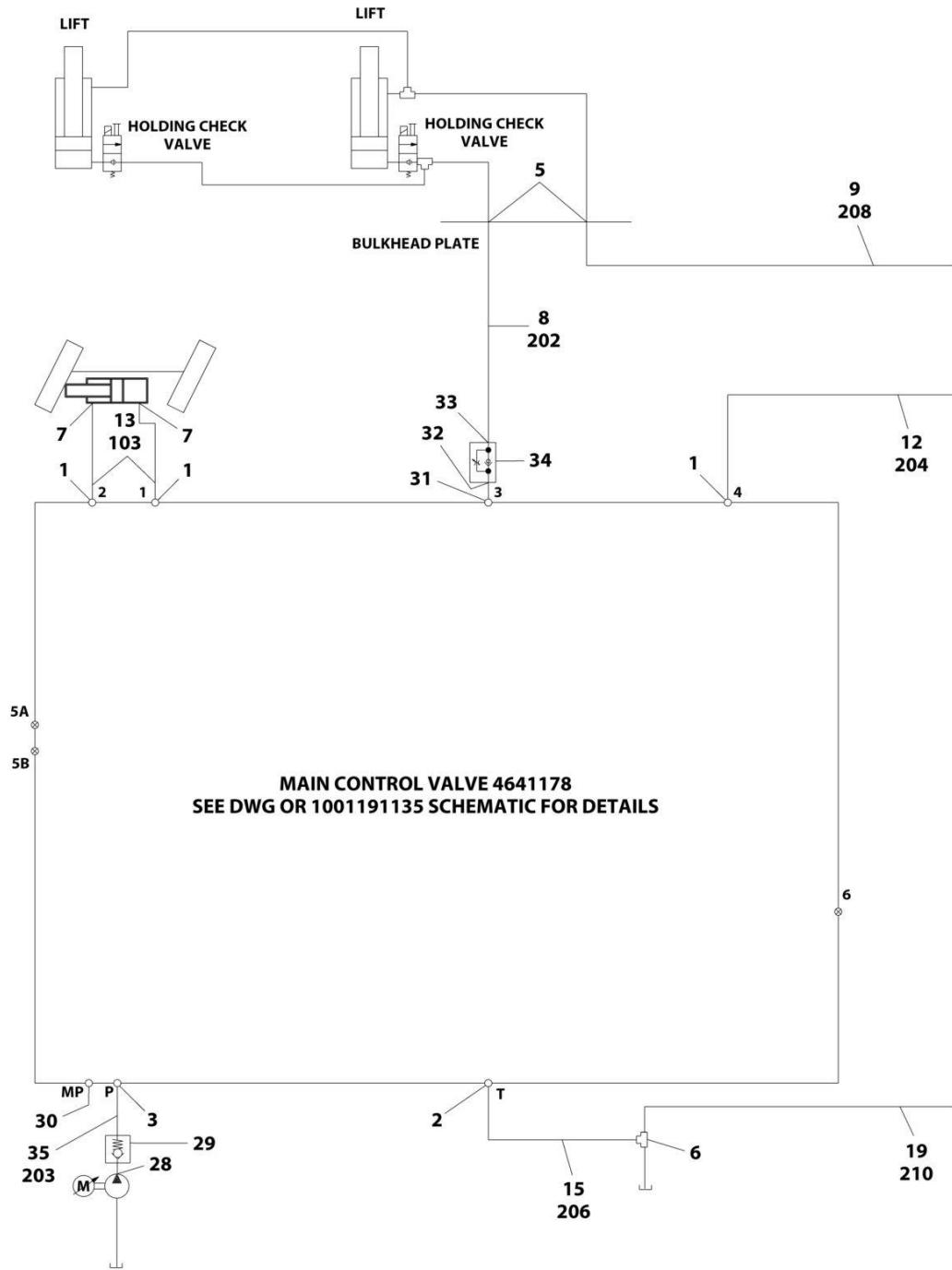
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191137	Ref	HYDRAULIC DIAGRAM - STANDARD - 3369LE/M3369 WITH OSCILLATING AXLE (CE SPEC)	C
1	2220415	4	Fitting, Straight	
2	2220371	2	Fitting, Straight	
3	2220373	1	Fitting, Straight	
4	2220504	2	Fitting, Tee	
5	2230024	2	Fitting, Bulkhead	
6	2221041	1	Fitting, Tee	
7	2220466	5	Fitting, 90	
8	2752958	1	Hose (Prior to SN M200011808)	
9	1001170684	1	Hose (Prior to SN M200011808)	
10	2752593	1	Hose (Prior to SN M200011808)	
11	2752444	1	Hose (Prior to SN M200011808)	
12	2753462	1	Hose (Prior to SN M200011808)	
13	2752983	2	Hose (Prior to SN M200011808)	
14	1001177692	1	Hose (Prior to SN M200011808)	
15	2753528	1	Hose (Prior to SN M200011808)	
16	1001170682	1	Hose (Prior to SN M200011808)	
17	2752453	1	Hose (Prior to SN M200011808)	
18	1001170685	1	Hose (Prior to SN M200011808)	
19	1001170686	1	Hose (Prior to SN M200011808)	
20	2753487	1	Hose (Prior to SN M200011808)	
21	2220923	2	Fitting, Straight JIC/ORB	
22	2220998	2	Fitting, Straight JIC/ORB	
23	2220603	2	Fitting, Straight JIC/ORB	
24	2220579	1	Fitting, Tee JIC/JIC/JIC	
25	2220502	1	Fitting, 45 JIC/ORB	
26	2754230	1	Hose (Prior to SN M200011808)	
27	2220635	1	Fitting, Tee JIC/JIC/JIC	
28	2220810	1	Fitting, Straight ORB/ORB	
29	4640744	1	Valve, Inline Check	
30	2221086	1	Fitting, Test Port	
31	2753187	1	Hose (Prior to SN M200011808)	
100	1001230577	Ref	Kit, Frame Hose (SN M200011808 through M200039307)	
101	See Note	1	Hose (Note: Use p/n 1001230577)	
102	See Note	1	Hose (Note: Use p/n 1001230577)	
103	See Note	1	Hose (Note: Use p/n 1001230577)	
104	See Note	1	Hose (Note: Use p/n 1001230577)	
200	1001230580	Ref	Kit, Hosing Station (SN M200011808 through M200039307)	
201	See Note	2	Hose (Note: Use p/n 1001230580)	
202	See Note	1	Hose (Note: Use p/n 1001230580)	
203	See Note	1	Hose (Note: Use p/n 1001230580)	
204	See Note	2	Hose (Note: Use p/n 1001230580)	
205	See Note	1	Hose (Note: Use p/n 1001230580)	
206	See Note	2	Hose (Note: Use p/n 1001230580)	
207	See Note	1	Hose (Note: Use p/n 1001230580)	
208	See Note	1	Hose (Note: Use p/n 1001230580)	
209	See Note	1	Hose (Note: Use p/n 1001230580)	
210	See Note	1	Hose (Note: Use p/n 1001230580)	

## **SECTION 7 - HYDRAULIC**

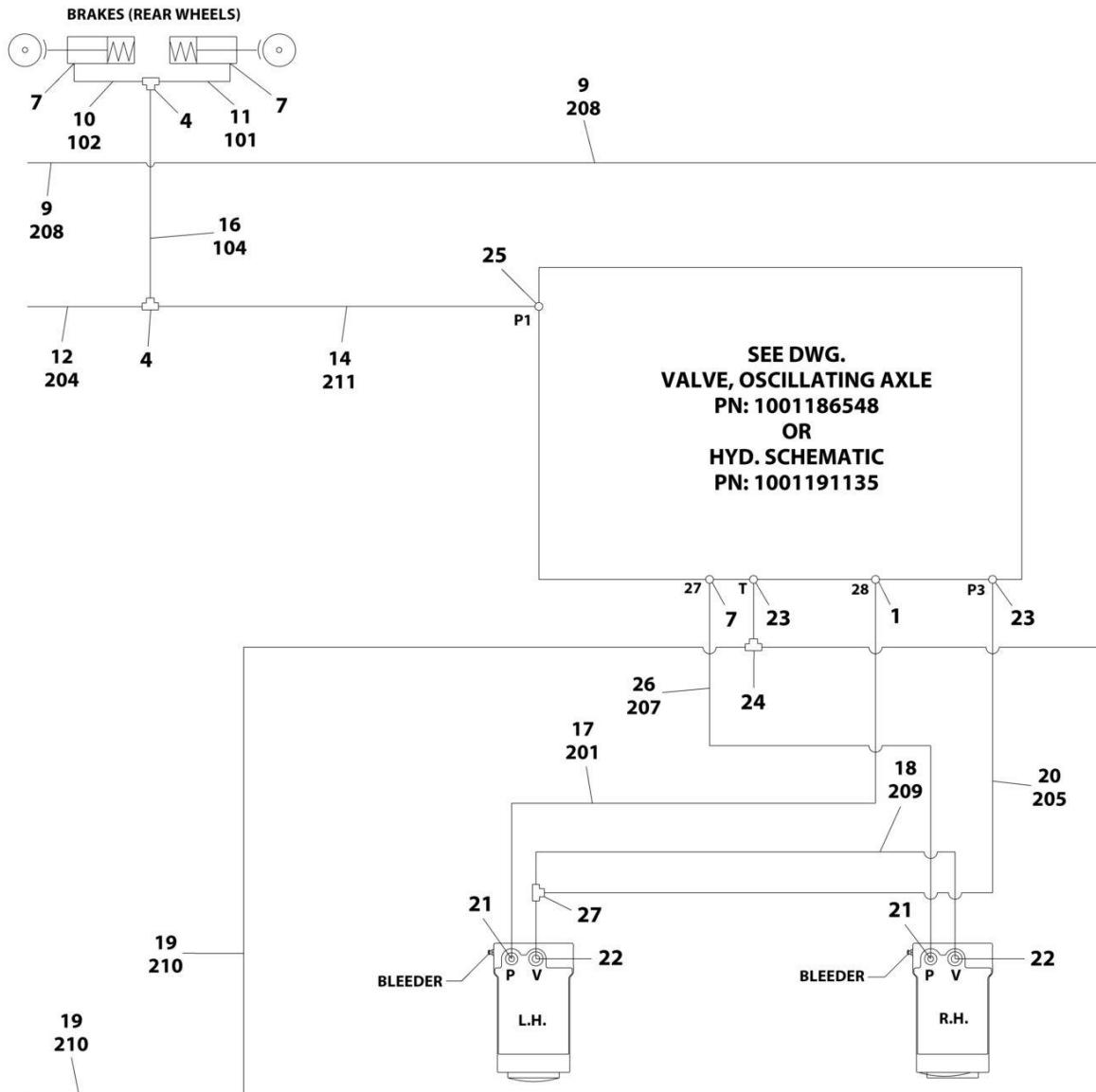
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
211	See Note	1	Hose (Note: Use p/n 1001230580)	

## SECTION 7 - HYDRAULIC

**FIGURE 7-13. HYDRAULIC DIAGRAM - STANDARD - 4069LE/M4069 WITH OSCILLATING AXLE (CE SPEC) (SN 0200246353 through 0200266243, SN M200000100 through M200039307)**



## SECTION 7 - HYDRAULIC



ART\_1001191141\_20F2

## SECTION 7 - HYDRAULIC

**FIGURE 7-13. HYDRAULIC DIAGRAM - STANDARD - 4069LE/M4069 WITH OSCILLATING AXLE (CE SPEC) (SN 0200246353 through 0200266243, SN M200000100 through M200039307)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191141	Ref	HYDRAULIC DIAGRAM - STANDARD - 4069LE/M4069 WITH OSCILLATING AXLE (CE SPEC)	C
1	2220415	4	Fitting, Straight	
2	2220371	1	Fitting, Straight	
3	2220373	1	Fitting, Straight	
4	2220504	2	Fitting, Tee	
5	2230024	2	Fitting, Bulkhead	
6	2221041	1	Fitting, Tee	
7	2220466	5	Fitting, 90	
8	2752958	1	Hose (Prior to SN M200011808)	
9	1001170684	1	Hose (Prior to SN M200011808)	
10	2752593	1	Hose (Prior to SN M200011808)	
11	2752444	1	Hose (Prior to SN M200011808)	
12	2753462	1	Hose (Prior to SN M200011808)	
13	2752983	2	Hose (Prior to SN M200011808)	
14	1001177692	1	Hose (Prior to SN M200011808)	
15	2753528	1	Hose (Prior to SN M200011808)	
16	1001170682	1	Hose (Prior to SN M200011808)	
17	2752453	1	Hose (Prior to SN M200011808)	
18	1001170685	1	Hose (Prior to SN M200011808)	
19	1001170686	1	Hose (Prior to SN M200011808)	
20	2753487	1	Hose (Prior to SN M200011808)	
21	2220923	2	Fitting, Straight JIC/ORB	
22	2220998	2	Fitting, Straight JIC/ORB	
23	2220603	2	Fitting, Straight JIC/ORB	
24	2220579	1	Fitting, Tee JIC/JIC/JIC	
25	2220502	1	Fitting, 45 JIC/ORB	
26	2754230	1	Hose (Prior to SN M200011808)	
27	2220635	1	Fitting, Tee JIC/JIC/JIC	
28	2220810	1	Fitting, Straight ORB/ORB	
29	4640744	1	Valve, Inline Check	
30	2221086	1	Fitting, Test Port	
31	2220600	1	Fitting, Straight ORB	
32	2220651	1	Fitting, Straight	
33	2221044	1	Fitting, 45	
34	4640757	1	Valve, Color Flow	
35	2753187	1	Hose (Prior to SN M200011808)	
100	1001230577	Ref	Kit, Frame Hose (SN M200011808 through M200039307)	
101	See Note	1	Hose (Note: Use p/n 1001230577)	
102	See Note	1	Hose (Note: Use p/n 1001230577)	
103	See Note	1	Hose (Note: Use p/n 1001230577)	
104	See Note	1	Hose (Note: Use p/n 1001230577)	
200	1001230580	Ref	Kit, Hosing Station (SN M200011808 through M200039307)	
201	See Note	2	Hose (Note: Use p/n 1001230580)	
202	See Note	1	Hose (Note: Use p/n 1001230580)	
203	See Note	1	Hose (Note: Use p/n 1001230580)	
204	See Note	2	Hose (Note: Use p/n 1001230580)	
205	See Note	1	Hose (Note: Use p/n 1001230580)	
206	See Note	2	Hose (Note: Use p/n 1001230580)	

## SECTION 7 - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
207	See Note	1	Hose (Note: Use p/n 1001230580)	
208	See Note	1	Hose (Note: Use p/n 1001230580)	
209	See Note	1	Hose (Note: Use p/n 1001230580)	
210	See Note	1	Hose (Note: Use p/n 1001230580)	
211	See Note	1	Hose (Note: Use p/n 1001230580)	



**SECTION 8 - ELECTRICAL**

## SECTION 8 - ELECTRICAL

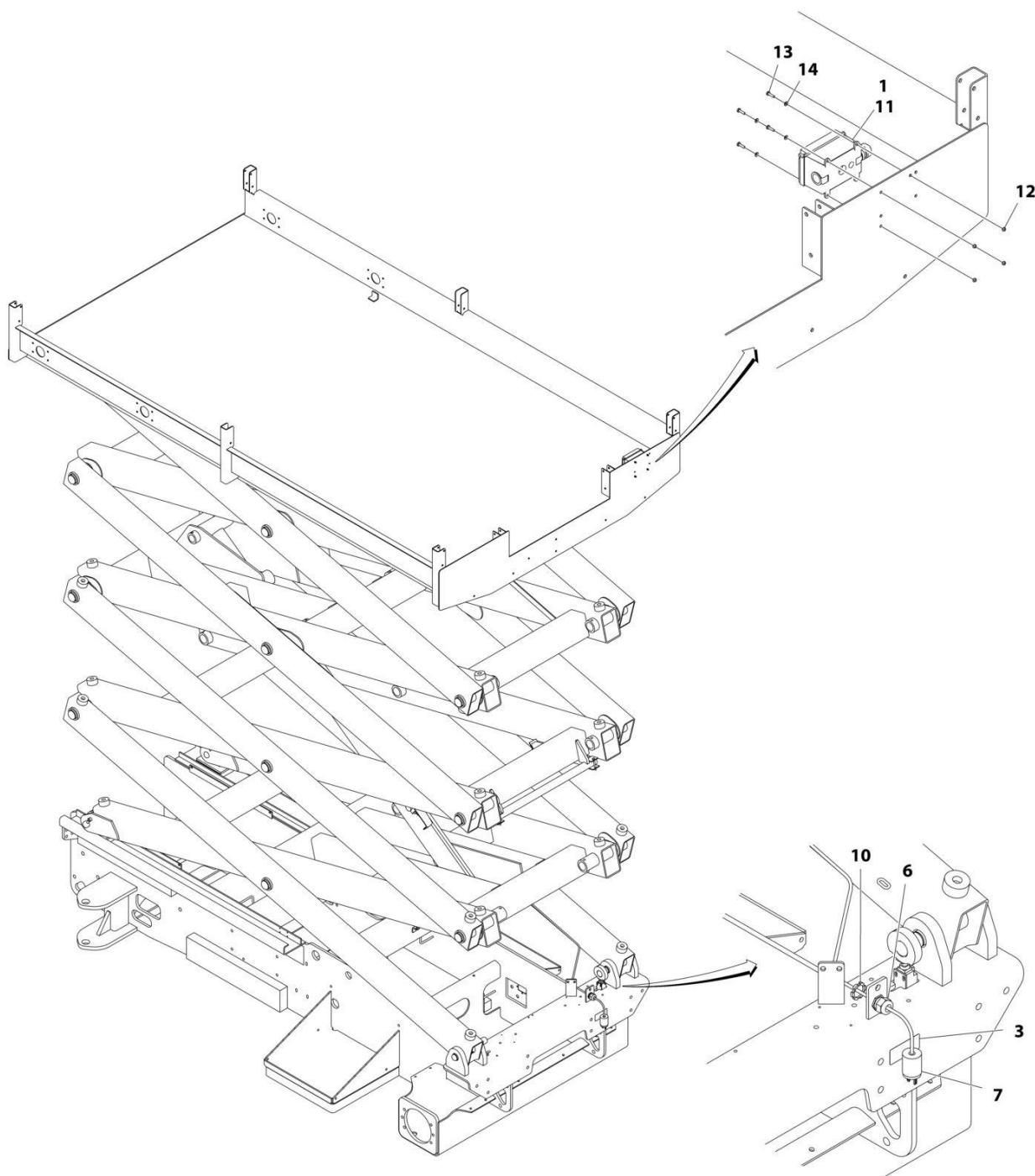
**FIGURE 8-1. ELECTRICAL DIAGRAM LIST**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171104	Ref	ELECTRICAL DIAGRAM LIST Electrical Schematic - All Specs except Australian Spec (Note: See Service and Maintenance Manual)	
	1001171105	Ref	Electrical Schematic - Australian Spec (Note: See Service and Maintenance Manual)	



## SECTION 8 - ELECTRICAL

FIGURE 8-2. AC TO PLATFORM INSTALLATION - 110V GFI (3369LE/M3369)



ART\_0259587

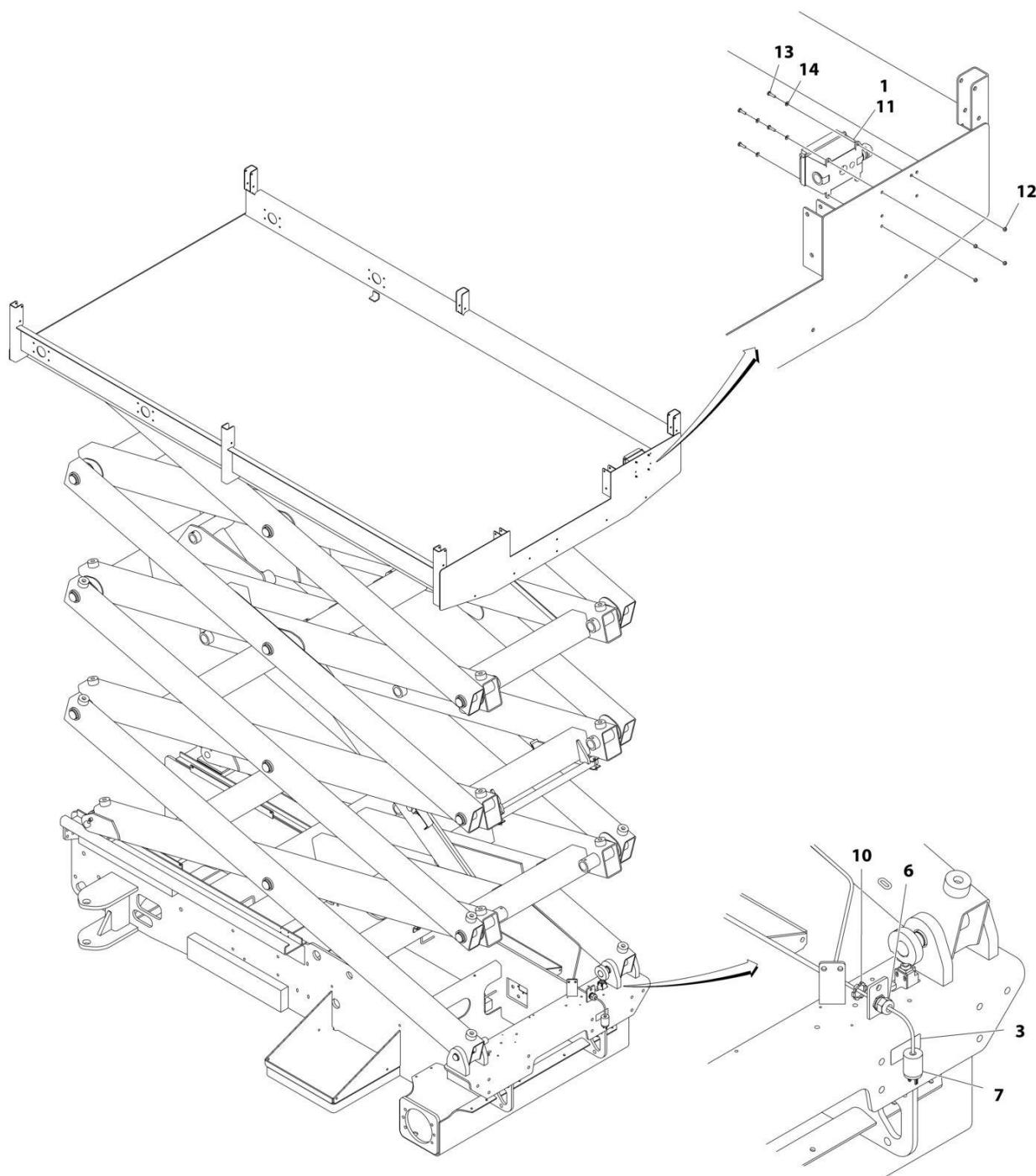
## SECTION 8 - ELECTRICAL

**FIGURE 8-2. AC TO PLATFORM INSTALLATION - 110V GFI (3369LE/M3369)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	0259587 2902431	Ref 1	AC TO PLATFORM INSTALLATION - 110V GFI Receptacle Box Kit - 110V GFI (See Separate Breakdown in this Section)	J
3	1703464	1	Decal - 120V-60Hz AC Power to Platform	
6	4460071	1	Connector, Strain Relief	
7	4460138	1	Plug, Male	
10	3300048	1	Nut 3/4	
11	4460315	3	Terminal	
12	3290405	4	Nut M4	
13	4010408	4	Screw M4 x 16	
14	4811400	4	Washer M4	

## SECTION 8 - ELECTRICAL

FIGURE 8-3. AC TO PLATFORM INSTALLATION - 110V GFI (4069LE/M4069)



ART\_0270109

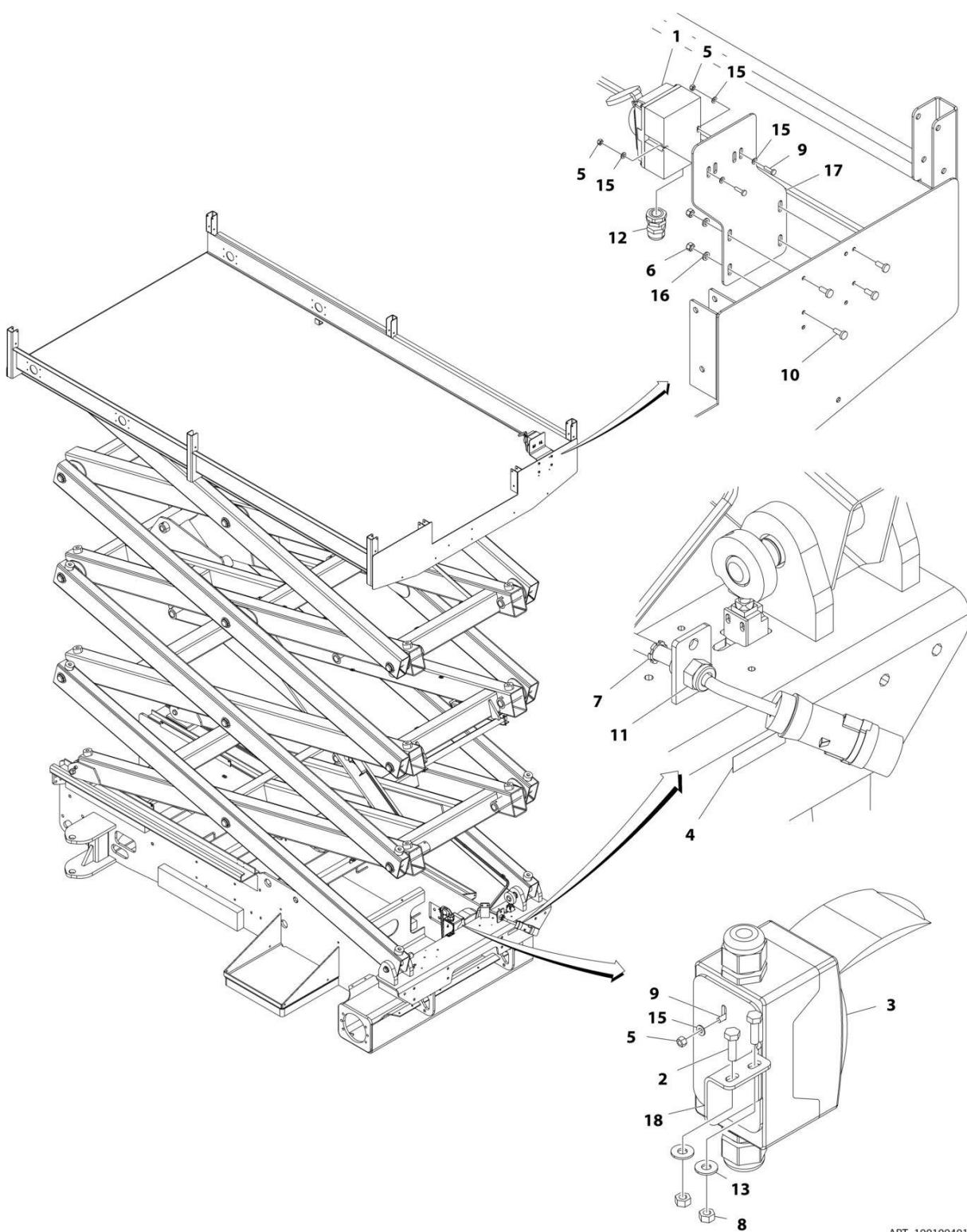
## SECTION 8 - ELECTRICAL

**FIGURE 8-3. AC TO PLATFORM INSTALLATION - 110V GFI (4069LE/M4069)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	0270109 2902431	Ref 1	AC TO PLATFORM INSTALLATION - 110V GFI Receptacle Box Kit - 110V GFI (See Separate Breakdown in this Section)	I
3	1703464	1	Decal - 120V-60Hz AC Power to Platform	
6	4460071	1	Connector, Strain Relief	
7	4460138	1	Plug, Male	
10	3300048	1	Nut 3/4	
11	4460315	3	Terminal	
12	3290405	4	Nut M4	
13	4010408	4	Screw M4 x 16	
14	4811400	4	Washer M4	

## SECTION 8 - ELECTRICAL

FIGURE 8-4. AC TO PLATFORM INSTALLATION - 110V IEC YELLOW (CE SPEC ONLY)



ART\_1001094911

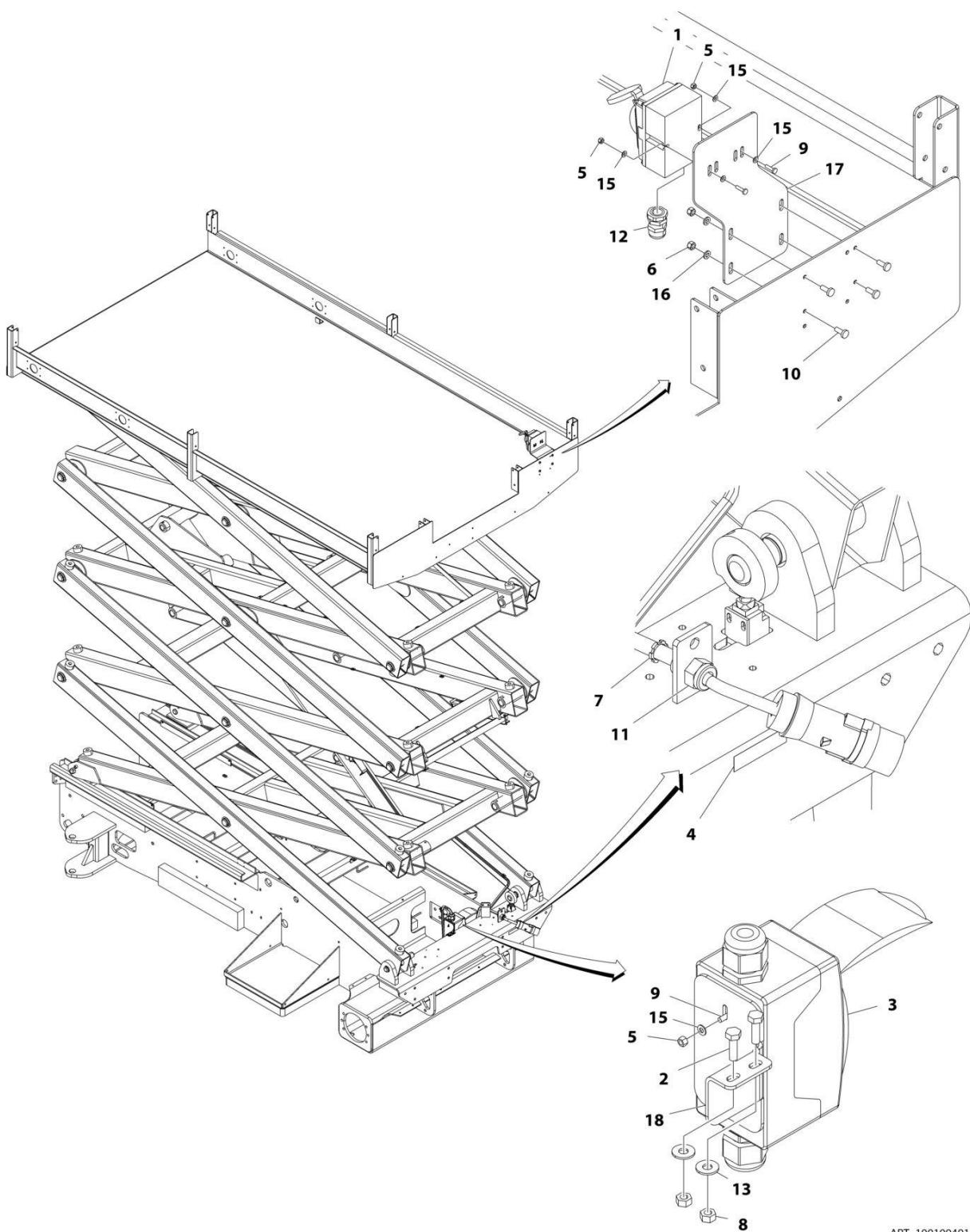
## SECTION 8 - ELECTRICAL

**FIGURE 8-4. AC TO PLATFORM INSTALLATION - 110V IEC YELLOW (CE SPEC ONLY)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001094911	Ref	AC TO PLATFORM INSTALLATION - 110V IEC YELLOW	
1	0275216	1	Receptacle Box Kit - 110V IEC Yellow (See Separate Breakdown in this Section)	B
2	0641407	2	Bolt 1/4 x 7/8	
3	2902549	1	Breaker Box Kit (See Separate Breakdown in this Section)	
4	3252507	1	Decal - 220V - 50/60Hz	
5	3290405	4	Nut M4	
6	3290605	4	Nut M6	
7	3300048	1	Nut 3/4	
8	3311405	2	Nut 1/4	
9	4010408	4	Screw M4 x 16	
10	4010608	4	Screw M6 x 16	
11	4460071	1	Connector, Strain Relief	
12	4460968	1	Connector, Strain Relief	
13	4751400	2	Washer 1/4	
15	4811400	8	Washer M4	
16	4811700	4	Washer M6	
17	1001151377	1	Bracket	
18	1001094915	1	Bracket	

## SECTION 8 - ELECTRICAL

FIGURE 8-5. AC TO PLATFORM INSTALLATION - 220V IEC BLUE (CE SPEC ONLY)



ART\_1001094912

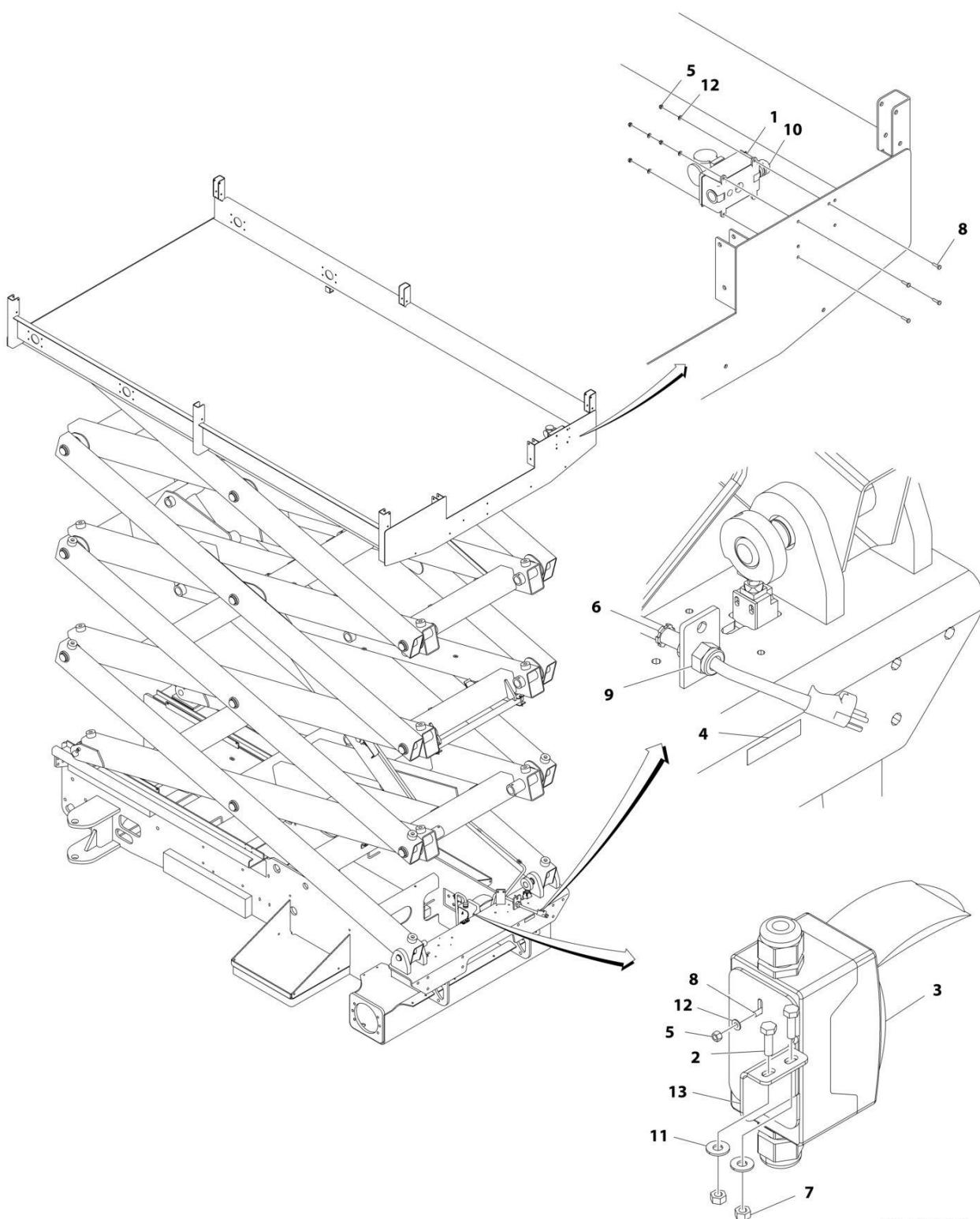
## SECTION 8 - ELECTRICAL

FIGURE 8-5. AC TO PLATFORM INSTALLATION - 220V IEC BLUE (CE SPEC ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001094912	Ref	AC TO PLATFORM INSTALLATION - 220V IEC BLUE	
1	0275217	1	Receptacle Box Kit - 220V IEC Blue (See Separate Breakdown in this Section)	
2	0641407	2	Bolt 1/4 x 7/8	
3	2902549	1	Breaker Box Kit (See Separate Breakdown in this Section)	
4	3252507	1	Decal - 220V - 50/60Hz	
5	3290405	4	Nut M4	
6	3290605	4	Nut M6	
7	3300048	1	Nut 3/4	
8	3311405	2	Nut 1/4	
9	4010408	4	Screw M4 x 16	
10	4010608	4	Screw M6 x 16	
11	4460071	1	Connector, Strain Relief	
12	4460968	1	Connector, Strain Relief	
13	4751400	2	Washer 1/4	
15	4811400	8	Washer M4	
16	4811700	4	Washer M6	
17	1001151377	1	Bracket	
18	1001094915	1	Bracket	

## SECTION 8 - ELECTRICAL

FIGURE 8-6. AC TO PLATFORM INSTALLATION - 220V AFSINT107 (CE SPEC ONLY)



ART\_1001094910

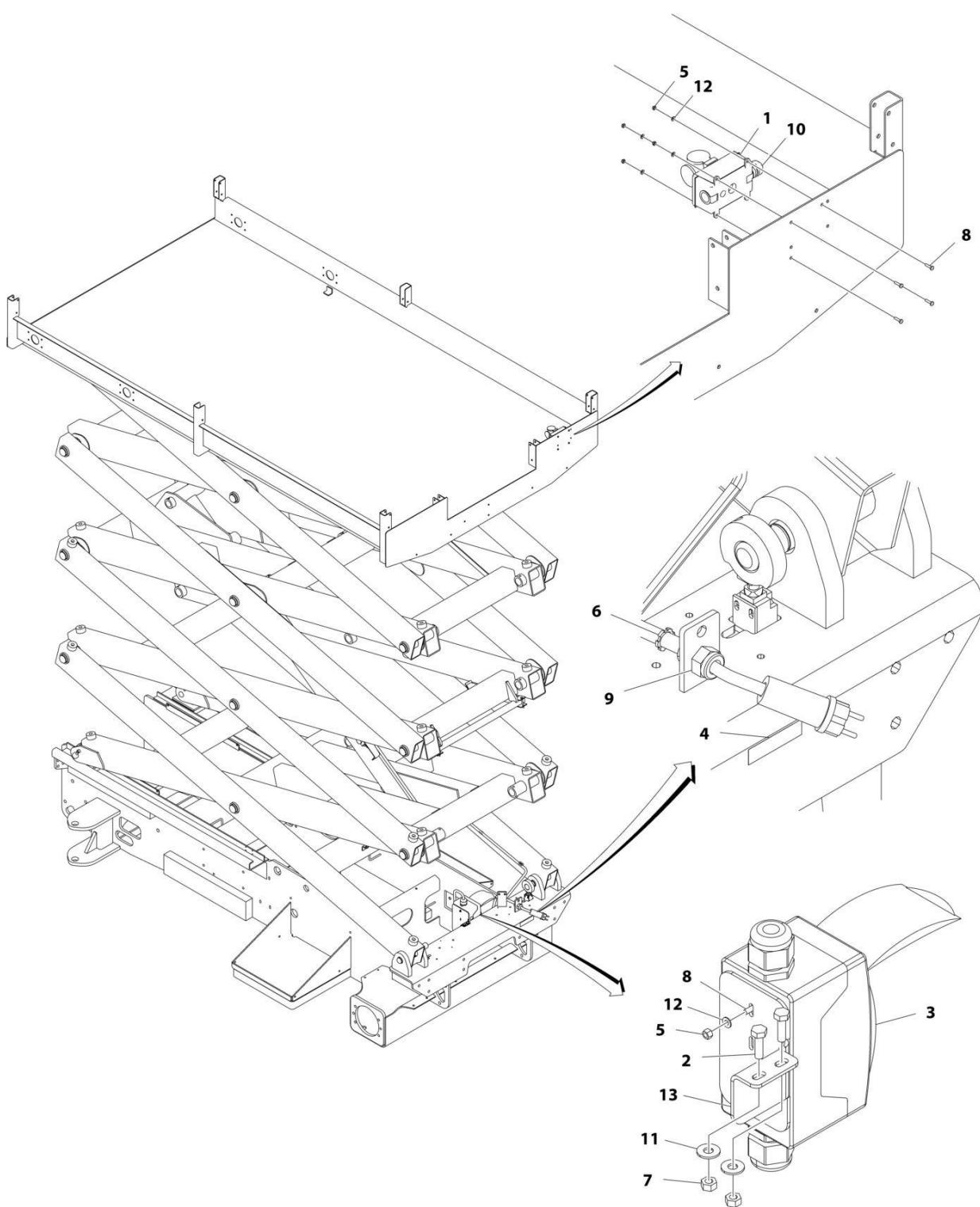
## SECTION 8 - ELECTRICAL

**FIGURE 8-6. AC TO PLATFORM INSTALLATION - 220V AFSINT107 (CE SPEC ONLY)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001094910	Ref	AC TO PLATFORM INSTALLATION - 220V AFSINT107	
1	0275454	1	Receptacle Box Kit - 220V AFSINT107 (See Separate Breakdown in this Section)	A
2	0641407	2	Bolt 1/4 x 7/8	
3	2902549	1	Breaker Box Kit (See Separate Breakdown in this Section)	
4	3252507	1	Decal - 220V - 50/60Hz	
5	3290405	6	Nut M4	
6	3300048	1	Nut 3/4	
7	3311405	2	Nut 1/4	
8	4010408	6	Screw M4 x 16	
9	4460071	1	Connector, Strain Relief	
10	4460662	1	Connector, Strain Relief	
11	4751400	2	Washer 1/4	
12	4811400	8	Washer M4	
13	1001094915	1	Bracket	

## SECTION 8 - ELECTRICAL

FIGURE 8-7. AC TO PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND (CE SPEC ONLY)



ART\_1001162452

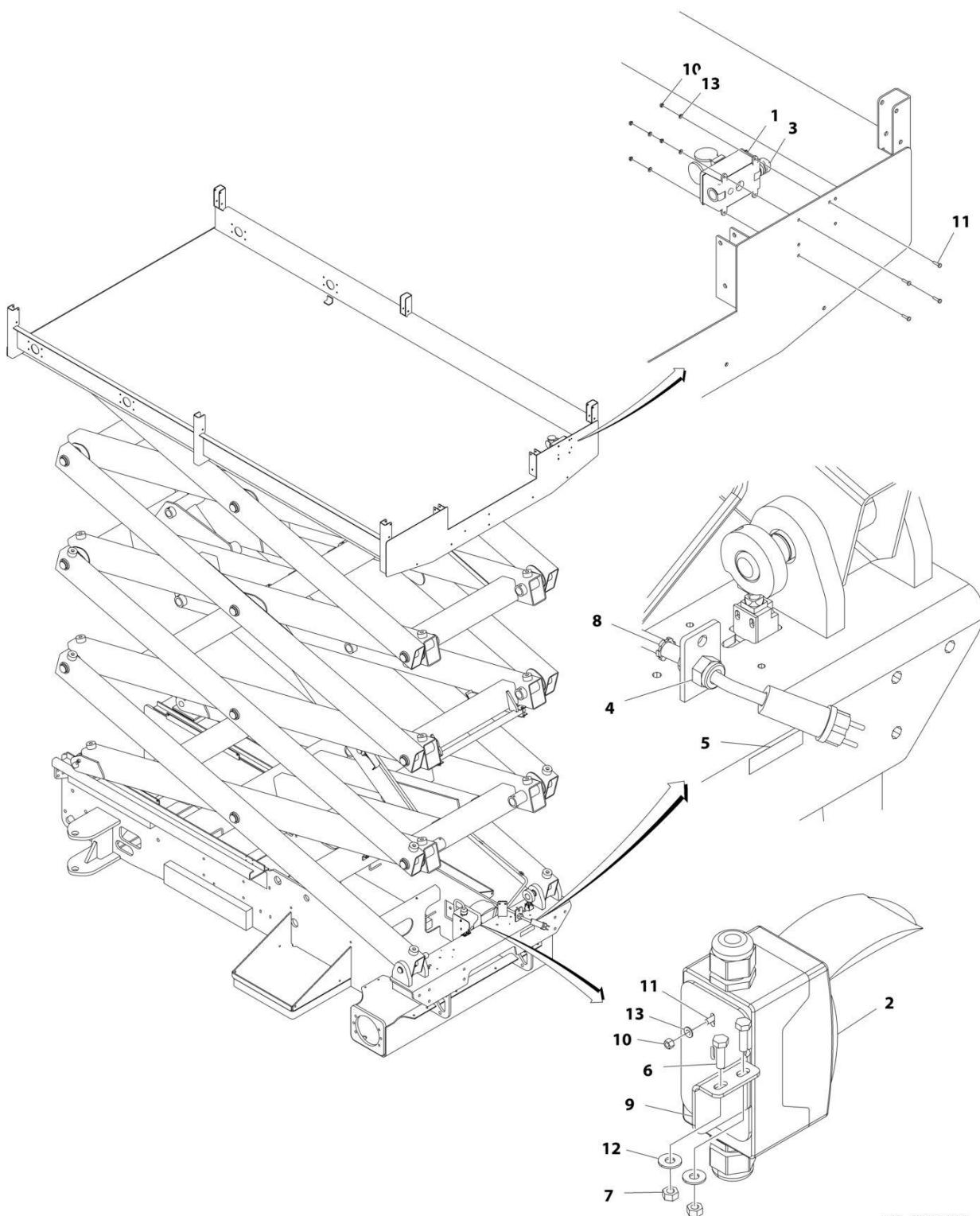
## SECTION 8 - ELECTRICAL

FIGURE 8-7. AC TO PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND (CE SPEC ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001162452	Ref	AC TO PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND	
1	0275453	1	Receptacle Box Kit - 220V CEE7 Side Ground (See Separate Breakdown in this Section)	
2	0641407	2	Bolt 1/4 x 7/8	
3	1001152485	1	Breaker Box Kit (See Separate Breakdown in this Section)	
4	3252507	1	Decal - 220V - 50/60Hz	
5	3290405	6	Nut M4	
6	3300048	1	Nut 3/4	
7	3311405	2	Nut 1/4	
8	4010408	6	Screw M4 x 16	
9	4460071	1	Connector, Strain Relief	
10	4460662	1	Connector, Strain Relief	
11	4751400	2	Washer 1/4	
12	4811400	8	Washer M4	
13	1001162456	1	Bracket	

## SECTION 8 - ELECTRICAL

FIGURE 8-8. AC TO PLATFORM INSTALLATION - 220V CEE7 POST GROUND (CE SPEC ONLY)



ART\_1001176007

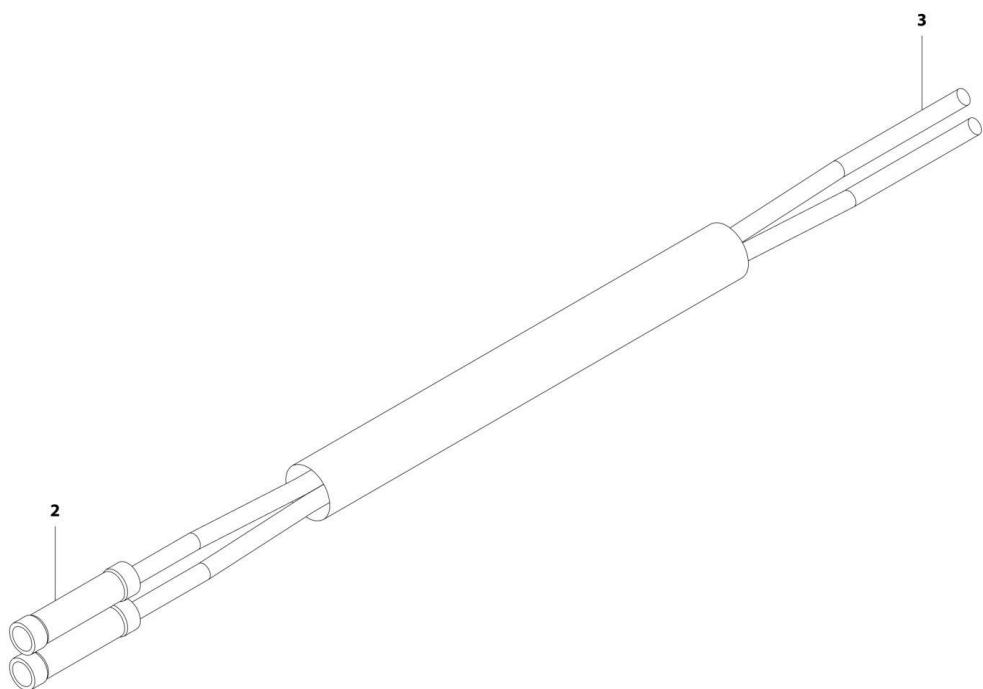
## SECTION 8 - ELECTRICAL

FIGURE 8-8. AC TO PLATFORM INSTALLATION - 220V CEE7 POST GROUND (CE SPEC ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001176007	Ref	AC TO PLATFORM INSTALLATION - 220V CEE7 POST GROUND	
1	0275452	1	Receptacle Box Kit - CEE7 Post Ground (See Separate Breakdown in this Section)	B
2	1001152485	1	Breaker Box Kit (See Separate Breakdown in this Section)	
3	4460662	1	Connector, Strain Relief	
4	4460071	1	Connector, Strain Relief	
5	3252507	1	Decal - 220V - 50/60Hz	
6	0641407	2	Bolt 1/4 x 7/8	
7	3311405	2	Nut 1/4	
8	3300048	1	Nut 3/4	
9	1001162456	1	Bracket	
10	3290405	6	Nut M4	
11	4010408	6	Screw M4 x 16	
12	4751400	2	Washer 1/4	
13	4811400	8	Washer M4	

## SECTION 8 - ELECTRICAL

**FIGURE 8-9. ALARM HARNESS**



ART\_4922517

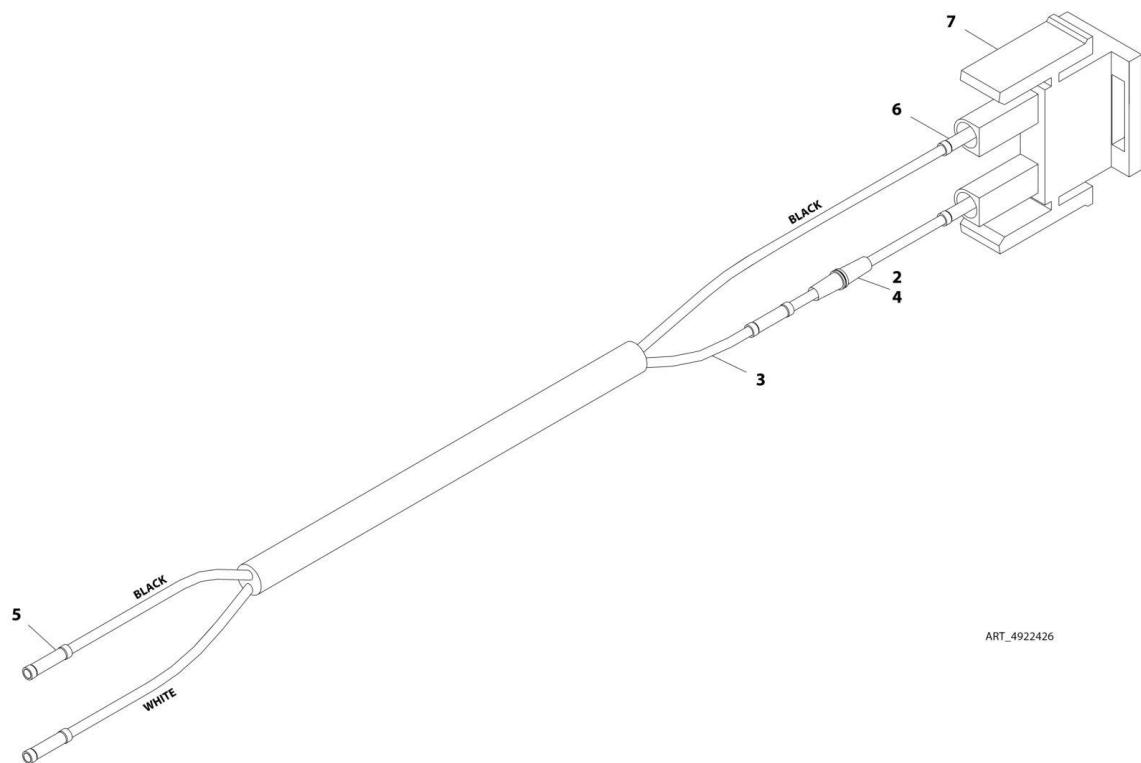
## SECTION 8 - ELECTRICAL

**FIGURE 8-9. ALARM HARNESS**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
2	4922517	Ref	ALARM HARNESS	C
2	4460248	2	Connector	
3	4460465	2	Socket, Female	

## SECTION 8 - ELECTRICAL

FIGURE 8-10. BEACON LIGHT HARNESS



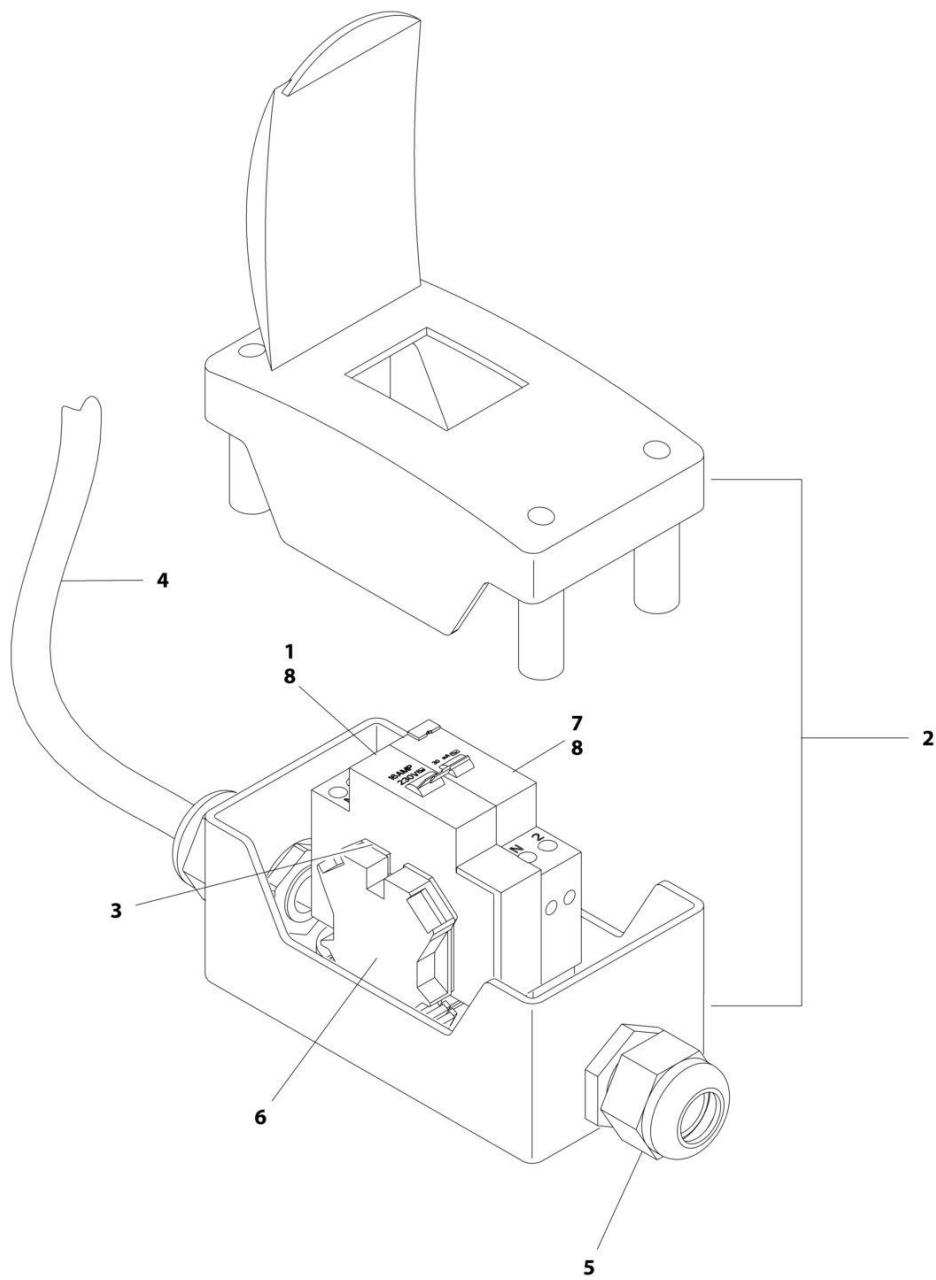
## SECTION 8 - ELECTRICAL

**FIGURE 8-10. BEACON LIGHT HARNESS**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4922426	Ref	BEACON LIGHT HARNESS	
2	2400056	1	Fuse .5Amp	B
3	2820018	AR	Heat Shrink	
4	4460044	1	Fuseholder	
5	4460248	3	Terminal, Splice	
6	4460268	2	Socket, Female	
7	4460320	1	Plug, Male - 2 Position	

## SECTION 8 - ELECTRICAL

FIGURE 8-11. BREAKER BOX KIT WITH TWO BREAKERS - CE SPEC ONLY



ART\_2902549

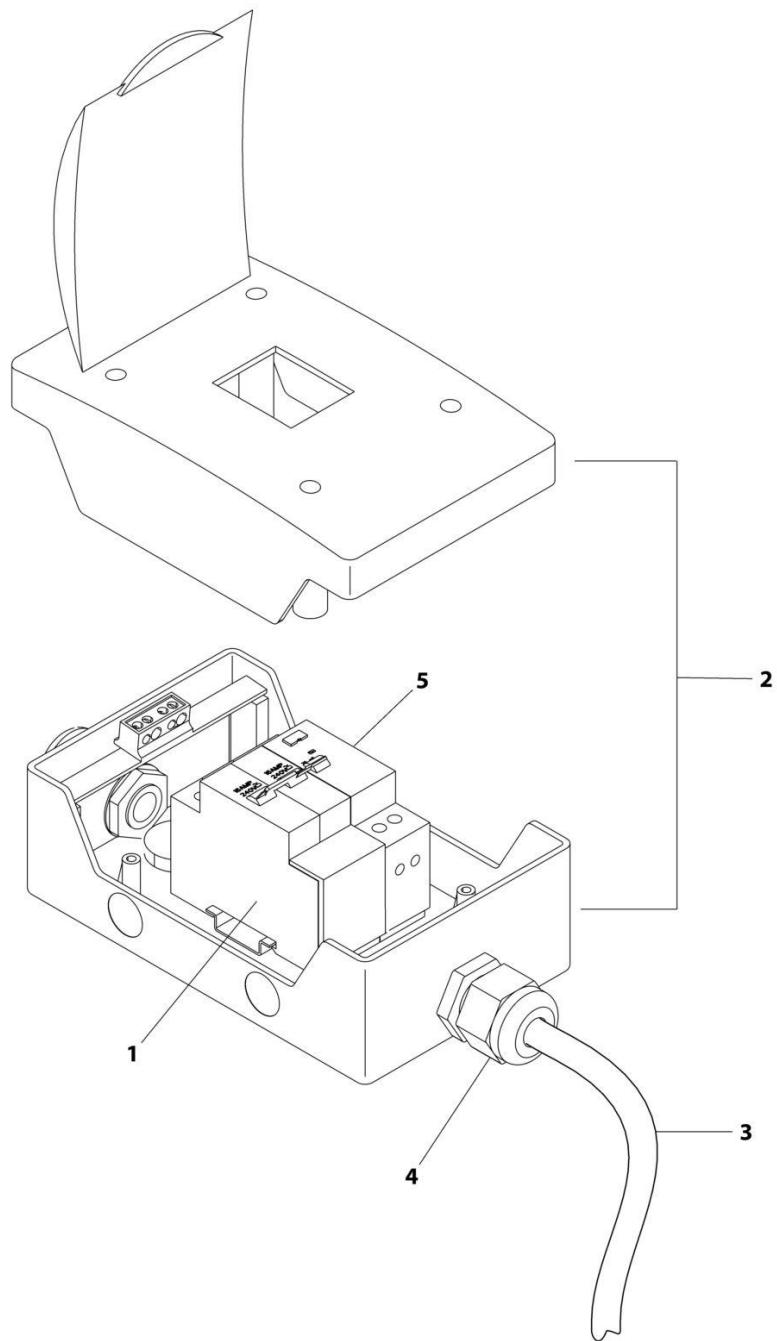
## SECTION 8 - ELECTRICAL

**FIGURE 8-11. BREAKER BOX KIT WITH TWO BREAKERS - CE SPEC ONLY**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	2902549	Ref	BREAKER BOX KIT WITH TWO BREAKERS - CE SPEC ONLY	
1	1001109475	NLA	Breaker, 16Amp (Use p/n 1001181045) ( <b>SN 0200230092 through 0200245684</b> )	F
2	0861880	1	Box	
3	4460956	1	Barrier, Terminal	
4	1060908	6 ft/1.8m	Cable, 12/3	
5	1001097150	2	Connector, Strain Relief	
6	4460957	1	Block, Terminal	
7	1001109482	NLA	Breaker, 30mAmp (Use p/n 1001181045) ( <b>SN 0200230092 through 0200245684</b> )	
8	1001181045	1	Breaker, 16Amp/30mAmp Combination ( <b>SN 0200245685 through 0200266243</b> )	
8	1001181045	1	Breaker, 16Amp/30mAmp Combination ( <b>SN M200000100 through M200039307</b> )	

## SECTION 8 - ELECTRICAL

FIGURE 8-12. BREAKER BOX KIT WITH THREE BREAKERS - CE SPEC ONLY



ART\_1001152485

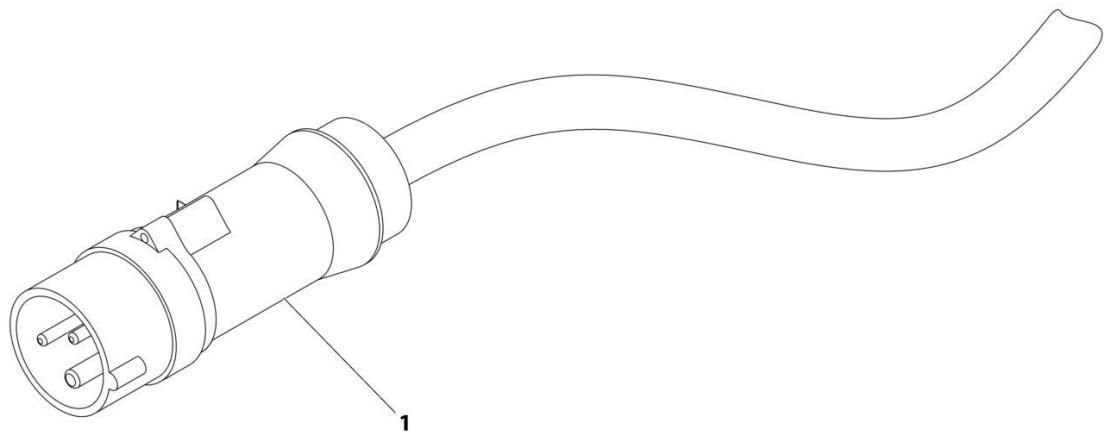
## SECTION 8 - ELECTRICAL

FIGURE 8-12. BREAKER BOX KIT WITH THREE BREAKERS - CE SPEC ONLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001152485	Ref	BREAKER BOX KIT WITH THREE BREAKERS - CE SPEC ONLY	
1	1001152479	NLA	Breaker, 16Amp (Use p/n 1001189172) ( <b>SN 0200230092 through 0200248167</b> )	C
1	1001189172	1	Breaker, 16Amp ( <b>SN 0200248168 through 0200266243</b> )	
1	1001189172	1	Breaker, 16Amp ( <b>SN M200000100 through M200039307</b> )	
2	1001152483	1	Box	
3	1060908	6 ft/1.8m	Cable, 12/3	
4	1001097150	2	Connector, Strain Relief	
5	1001152482	NLA	Breaker, 30mAmp (Use p/n 1001189171) ( <b>SN 0200230092 through 0200248167</b> )	
5	1001189171	1	Breaker, 30mAmp ( <b>SN 0200248168 through 0200266243</b> )	
5	1001189171	1	Breaker, 30mAmp ( <b>SN M200000100 through M200039307</b> )	

## SECTION 8 - ELECTRICAL

FIGURE 8-13. CHARGER CORD PLUG INSTALLATION - 110V IEC YELLOW PLUG (CE SPEC)



ART\_0275666

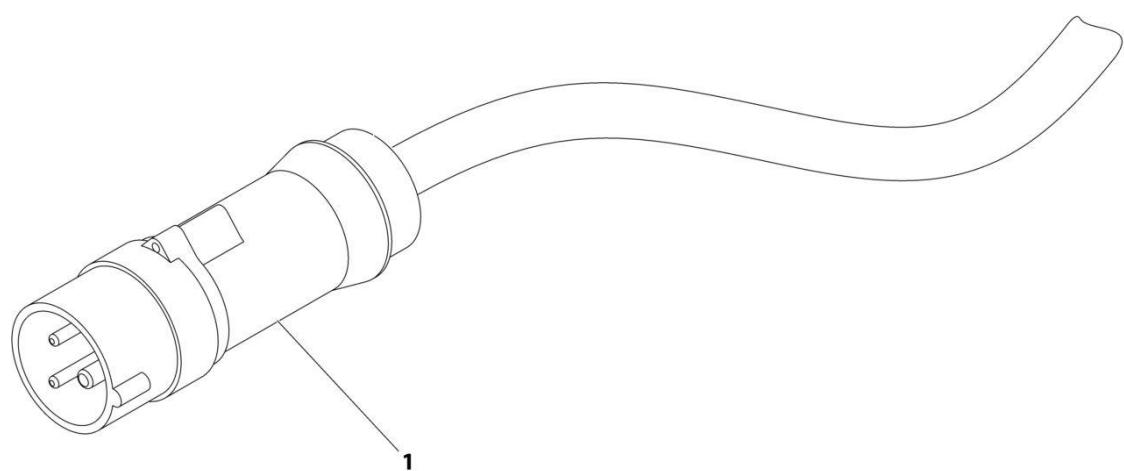
## SECTION 8 - ELECTRICAL

**FIGURE 8-13. CHARGER CORD PLUG INSTALLATION - 110V IEC YELLOW PLUG (CE SPEC)**

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

## SECTION 8 - ELECTRICAL

FIGURE 8-14. CHARGER CORD PLUG INSTALLATION - 220V IEC BLUE PLUG (CE SPEC)



ART\_0275667

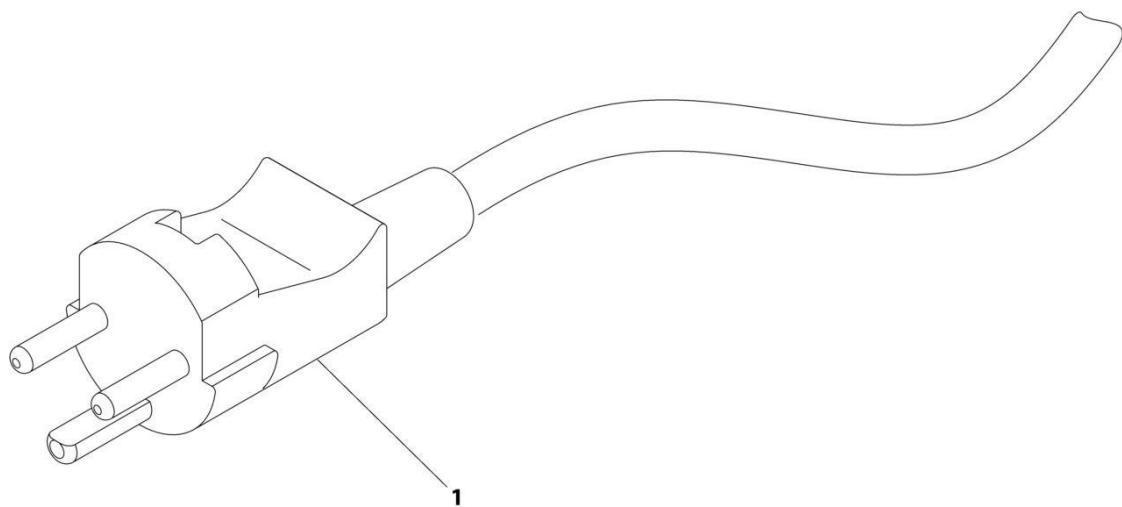
## SECTION 8 - ELECTRICAL

**FIGURE 8-14. CHARGER CORD PLUG INSTALLATION - 220V IEC BLUE PLUG (CE SPEC)**

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

## SECTION 8 - ELECTRICAL

FIGURE 8-15. CHARGER CORD PLUG INSTALLATION - 220V AFSINT 107 KEYED GROUND (CE SPEC)



ART\_0275665

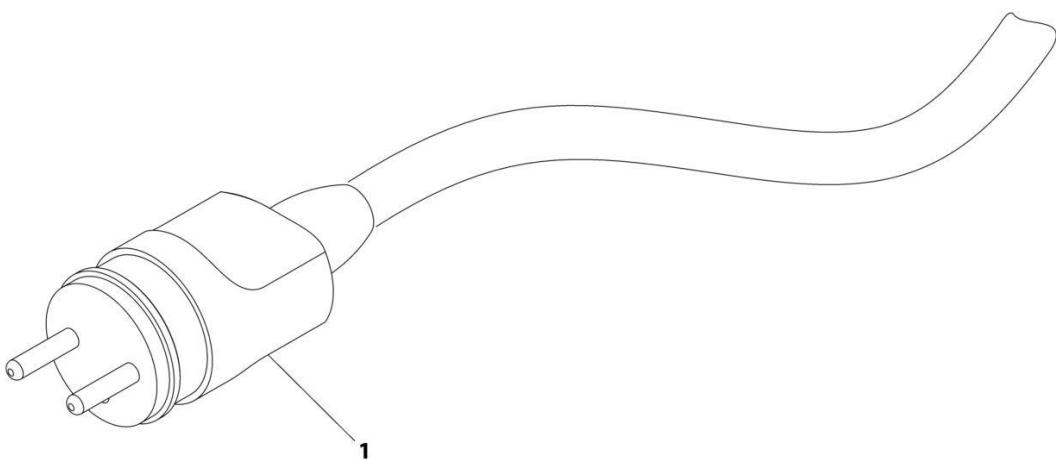
## SECTION 8 - ELECTRICAL

**FIGURE 8-15. CHARGER CORD PLUG INSTALLATION - 220V AFSINT 107 KEYED GROUND (CE SPEC)**

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

## SECTION 8 - ELECTRICAL

FIGURE 8-16. CHARGER CORD PLUG INSTALLATION - 220V CEE7 POST GROUND (CE SPEC)



ART\_0275663-C

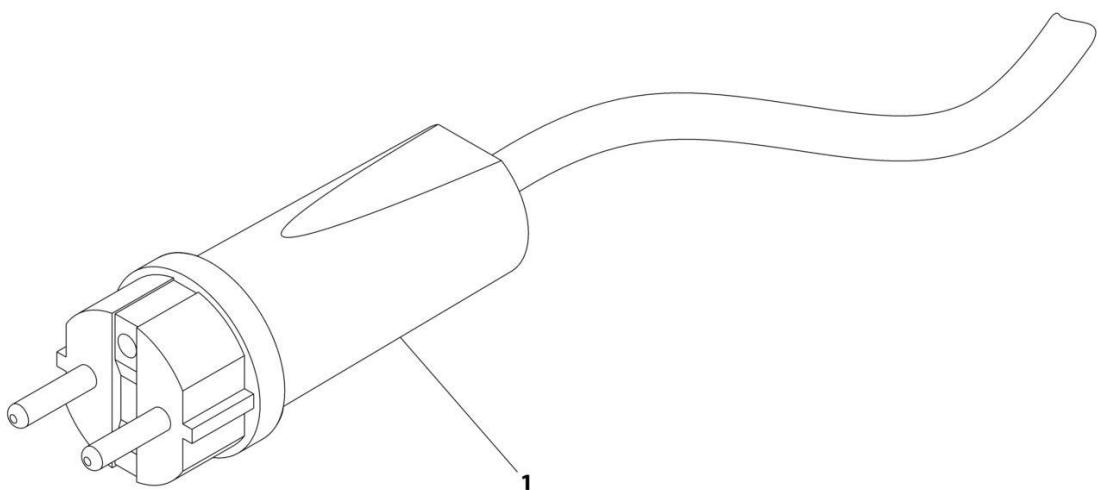
## SECTION 8 - ELECTRICAL

**FIGURE 8-16. CHARGER CORD PLUG INSTALLATION - 220V CEE7 POST GROUND (CE SPEC)**

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

## SECTION 8 - ELECTRICAL

FIGURE 8-17. CHARGER CORD PLUG INSTALLATION - 220V CEE7 SIDE GROUND (CE SPEC)



ART\_0275664

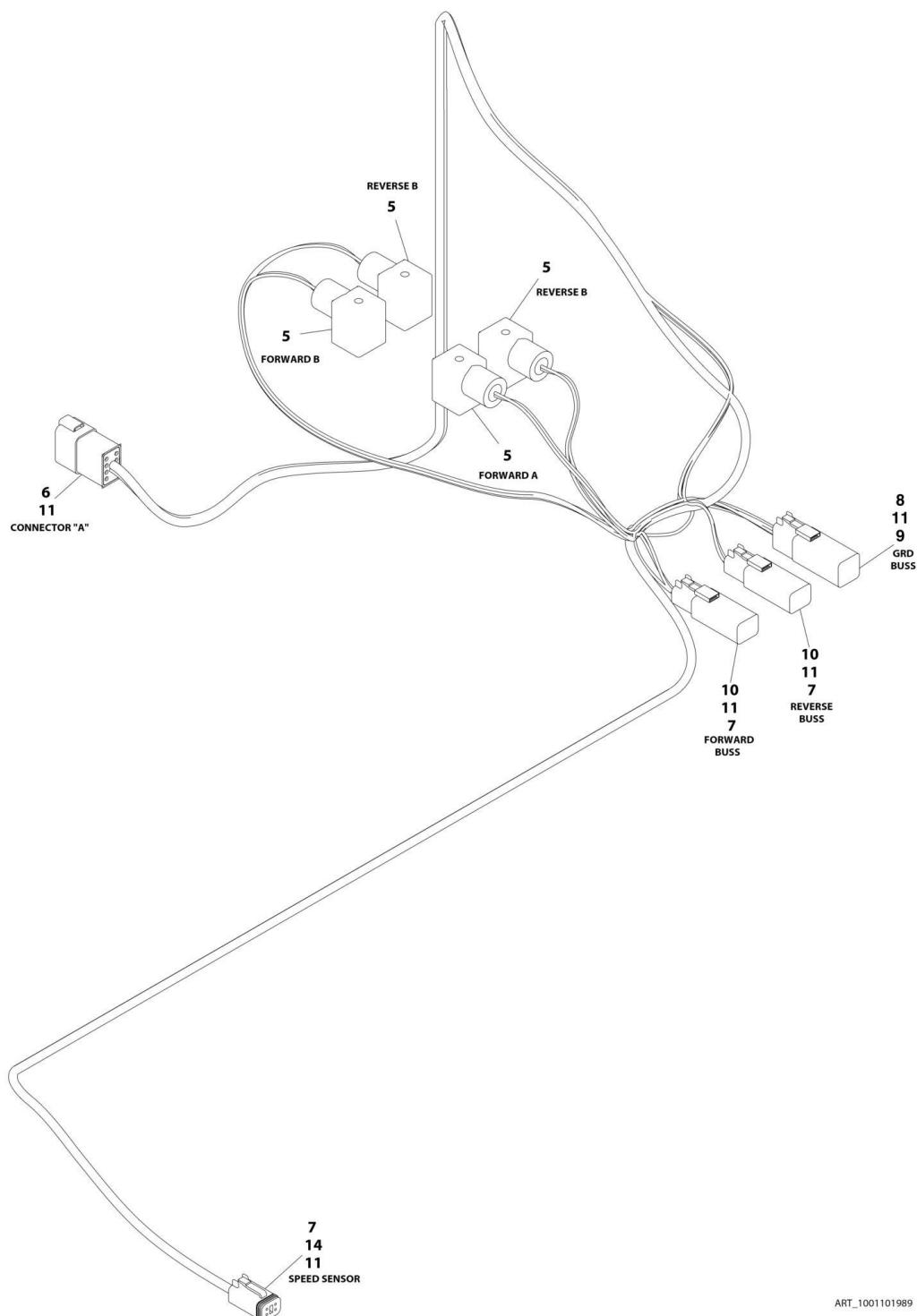
## SECTION 8 - ELECTRICAL

FIGURE 8-17. CHARGER CORD PLUG INSTALLATION - 220V CEE7 SIDE GROUND (CE SPEC)

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

## SECTION 8 - ELECTRICAL

FIGURE 8-18. FRONT WHEEL ASSIST (4WD) HARNESS



ART\_1001101989

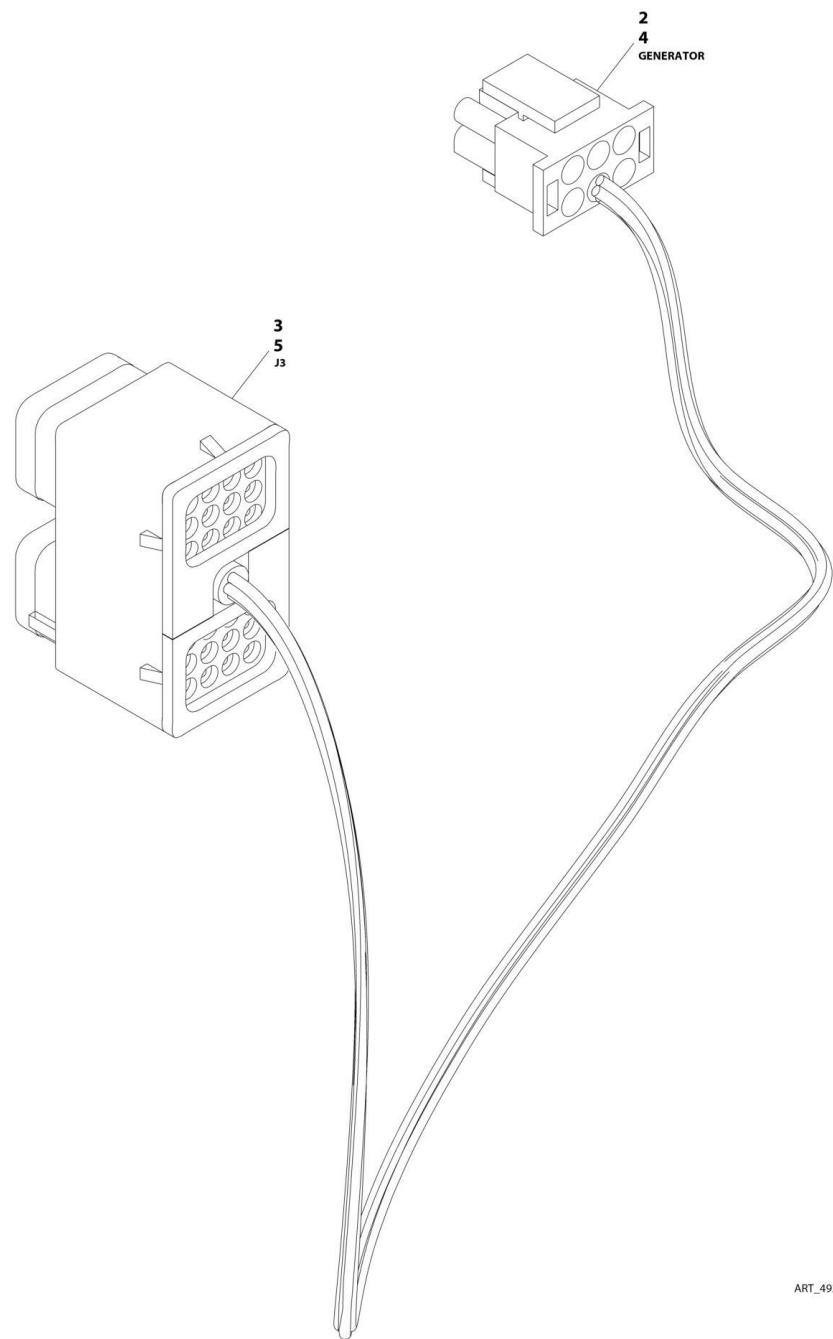
## SECTION 8 - ELECTRICAL

**FIGURE 8-18. FRONT WHEEL ASSIST (4WD) HARNESS**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
5	1001101989	Ref	FRONT WHEEL ASSIST (4WD) HARNESS	B
6	4460499	4	Connector, DIN	
7	4460931	1	Receptacle, Female - 8 Position	
8	4460884	3	Plug, Male - 4 Position	
9	4460894	1	Plug, Male - 6 Position	
10	4460892	1	Buss Bar - 6 Position	
11	4460893	2	Buss Bar - 4 Position	
14	4460465	22	Socket, Female	
	4460466	1	Plug, Seal	

## SECTION 8 - ELECTRICAL

FIGURE 8-19. GENERATOR HARNESS - M3369/M4069 ONLY



ART\_4922602

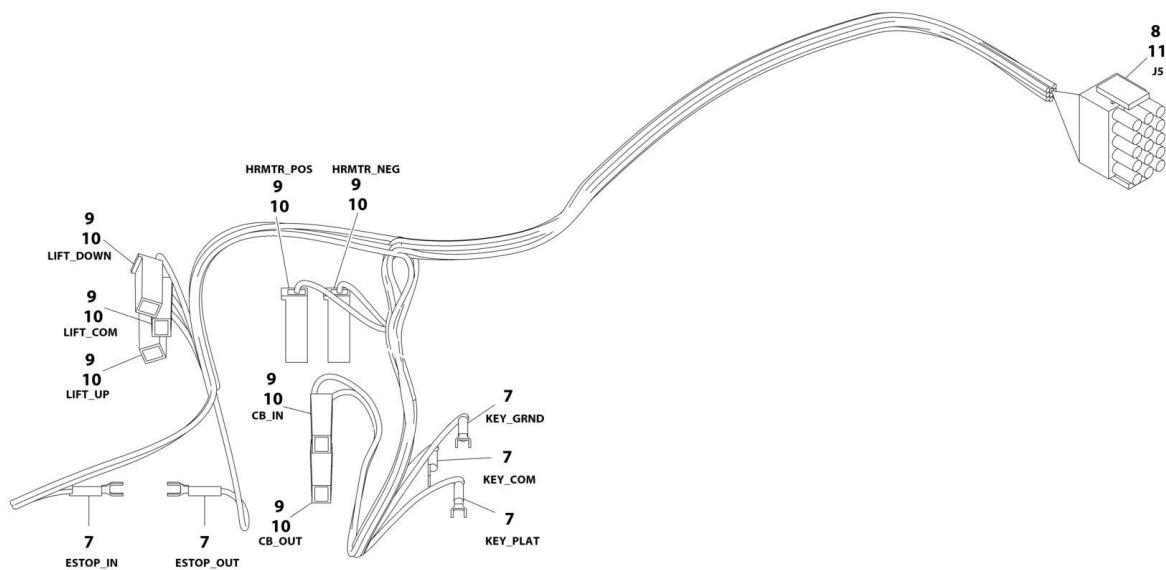
## SECTION 8 - ELECTRICAL

FIGURE 8-19. GENERATOR HARNESS - M3369/M4069 ONLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4922602	Ref	GENERATOR HARNESS	
2	4460225	1	Plug, Male - 6 Position	B
3	4460896	1	Plug, Male - 24 Position	
4	4460267	4	Pin, Male	
5	4460465	4	Socket, Female	

## SECTION 8 - ELECTRICAL

FIGURE 8-20. GROUND CONTROL BOX HARNESS - 3369LE/4069LE



ART\_4922480

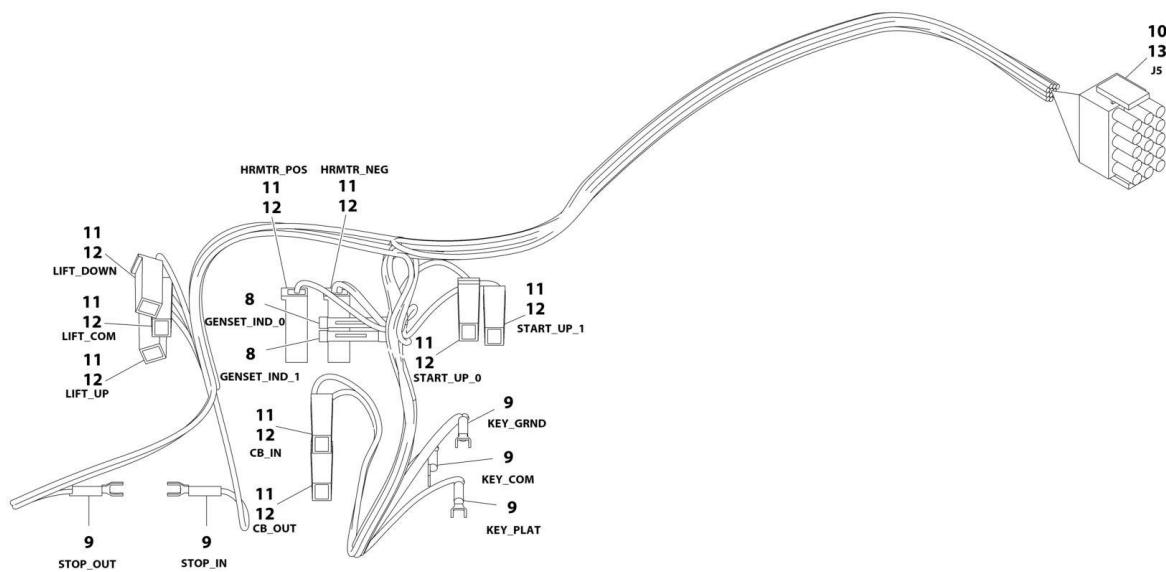
## SECTION 8 - ELECTRICAL

**FIGURE 8-20. GROUND CONTROL BOX HARNESS - 3369LE/4069LE**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
7	4922480	Ref	GROUND CONTROL BOX HARNESS	B
8	4460183	5	Terminal, Fork	
9	4460434	1	Plug, Male - 15 Position	
10	4460260	7	Housing, Terminal	
11	4460259	7	Terminal	
	4460268	8	Socket, Female	

## SECTION 8 - ELECTRICAL

FIGURE 8-21. GROUND CONTROL BOX HARNESS - M3369/M4069



ART\_4922604

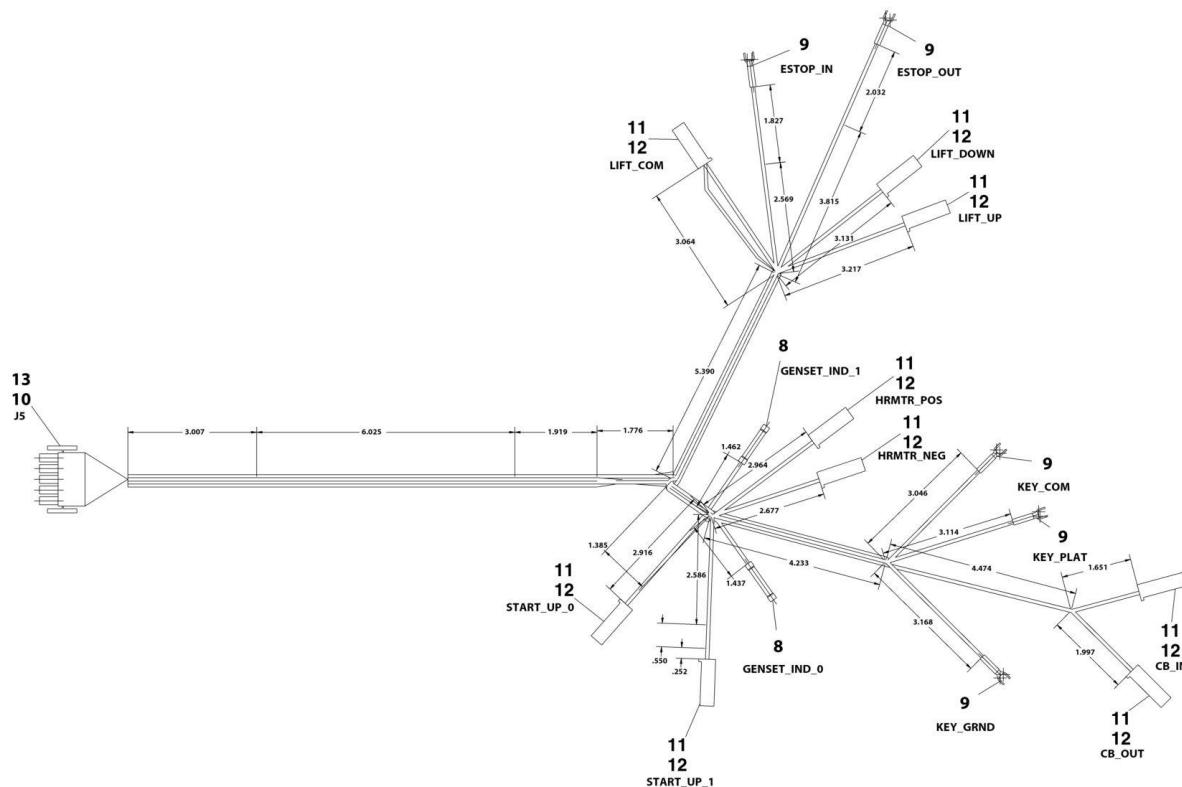
## SECTION 8 - ELECTRICAL

FIGURE 8-21. GROUND CONTROL BOX HARNESS - M3369/M4069

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4922604	Ref	GROUND CONTROL BOX HARNESS	
8	4460248	2	Terminal, Splice	A
9	4460183	5	Terminal, Fork	
10	4460434	1	Plug, Male - 15 Position	
11	4460260	9	Housing, Terminal	
12	4460259	9	Terminal	
13	4460268	8	Socket, Female	

## SECTION 8 - ELECTRICAL

FIGURE 8-22. GROUND CONTROL BOX HARNESS (M4069 DRIVE AT FULL HEIGHT)



ART\_4923619

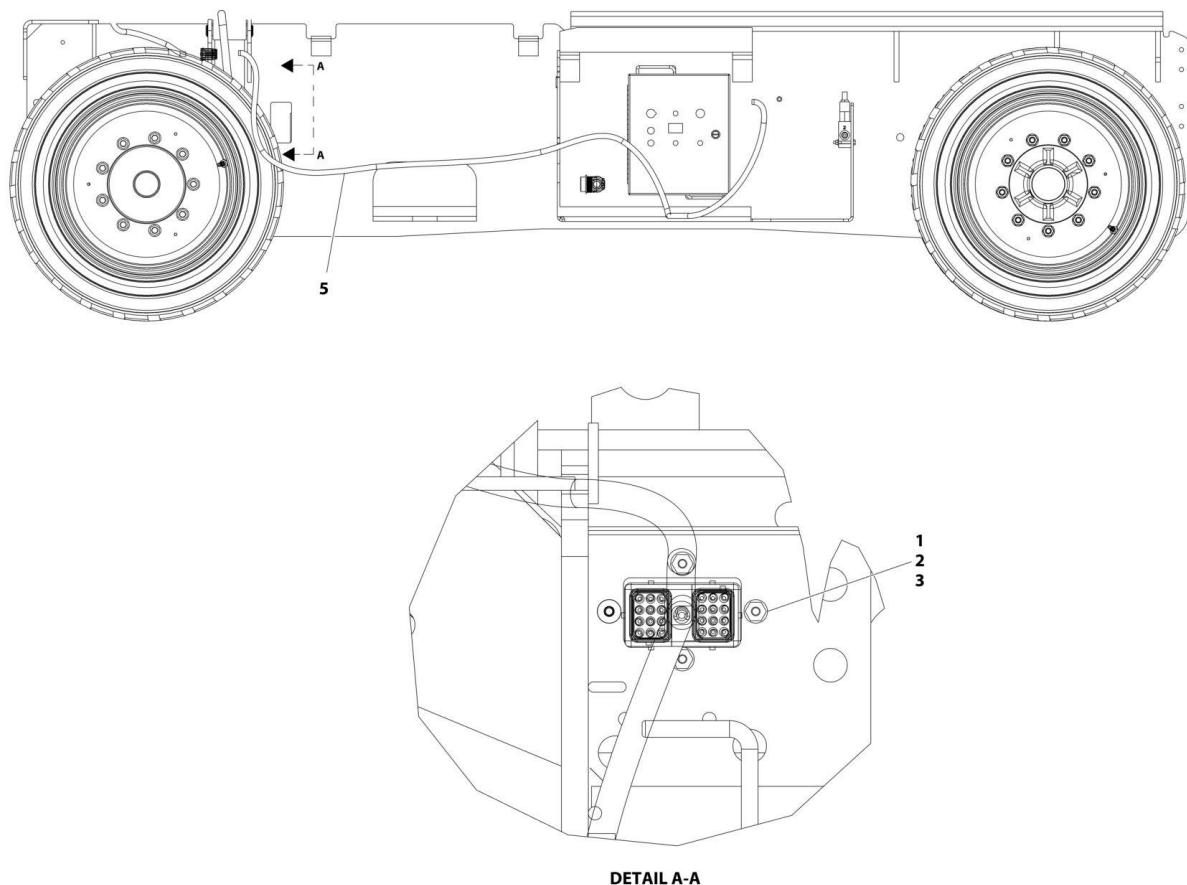
## SECTION 8 - ELECTRICAL

**FIGURE 8-22. GROUND CONTROL BOX HARNESS (M4069 DRIVE AT FULL HEIGHT)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4923619	Ref	GROUND CONTROL BOX HARNESS (M4069 DRIVE AT FULL HEIGHT)	B
8	4460248	2	Terminal, Splice	
9	4460183	5	Terminal, Fork	
10	4460434	1	Plug, Male - 15 Position	
11	4460260	9	Housing, Terminal	
12	4460259	9	Terminal	
13	4460268	9	Socket, Female	

## SECTION 8 - ELECTRICAL

FIGURE 8-23. GROUND CONTROL BOX TO BULKHEAD HARNESS INSTALLATION - 3369LE/M3369



DETAIL A-A

ART\_0270572

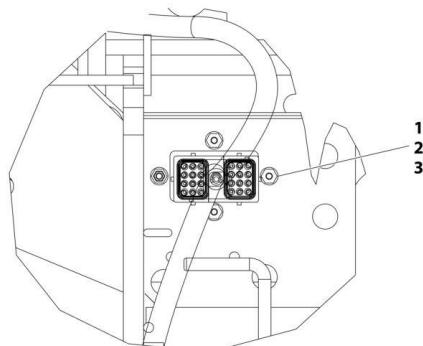
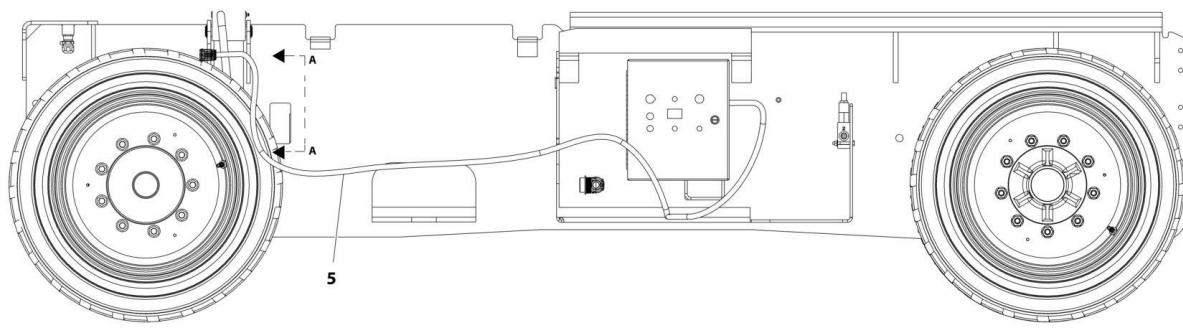
## SECTION 8 - ELECTRICAL

FIGURE 8-23. GROUND CONTROL BOX TO BULKHEAD HARNESS INSTALLATION - 3369LE/M3369

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270572	Ref	GROUND CONTROL BOX TO BULKHEAD HARNESS INSTALLATION	C
1	0720805	4	Screw #8 x 5/8	
2	3310805	4	Nut #8	
3	4750800	4	Washer #8	
5	4922479	1	Ground Control Box to Bulkhead Harness (See Separate Breakdown in this Section)	

## SECTION 8 - ELECTRICAL

FIGURE 8-24. GROUND CONTROL BOX TO BULKHEAD HARNESS INSTALLATION - 4069LE/M4069



ART\_0270573

DETAIL A-A

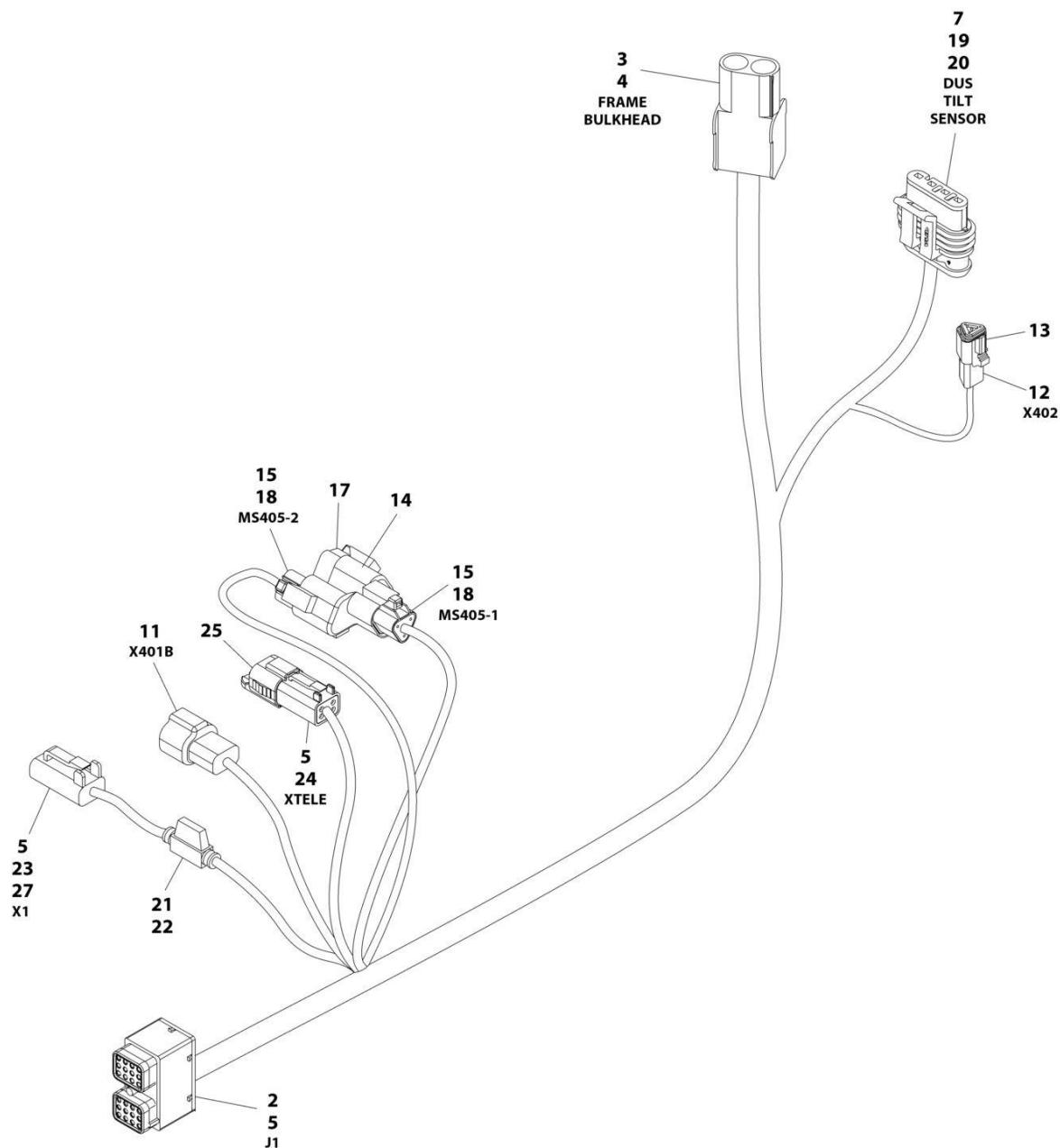
## SECTION 8 - ELECTRICAL

FIGURE 8-24. GROUND CONTROL BOX TO BULKHEAD HARNESS INSTALLATION - 4069LE/M4069

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270573	Ref	GROUND CONTROL BOX TO BULKHEAD HARNESS INSTALLATION	C
1	0720805	4	Screw #8 x 5/8	
2	3310805	4	Nut #8	
3	4750800	4	Washer #8	
5	4922479	1	Ground Control Box to Bulkhead Harness (See Separate Breakdown in this Section)	

## SECTION 8 - ELECTRICAL

FIGURE 8-25. GROUND CONTROL BOX TO BULKHEAD HARNESS



ART\_4922479

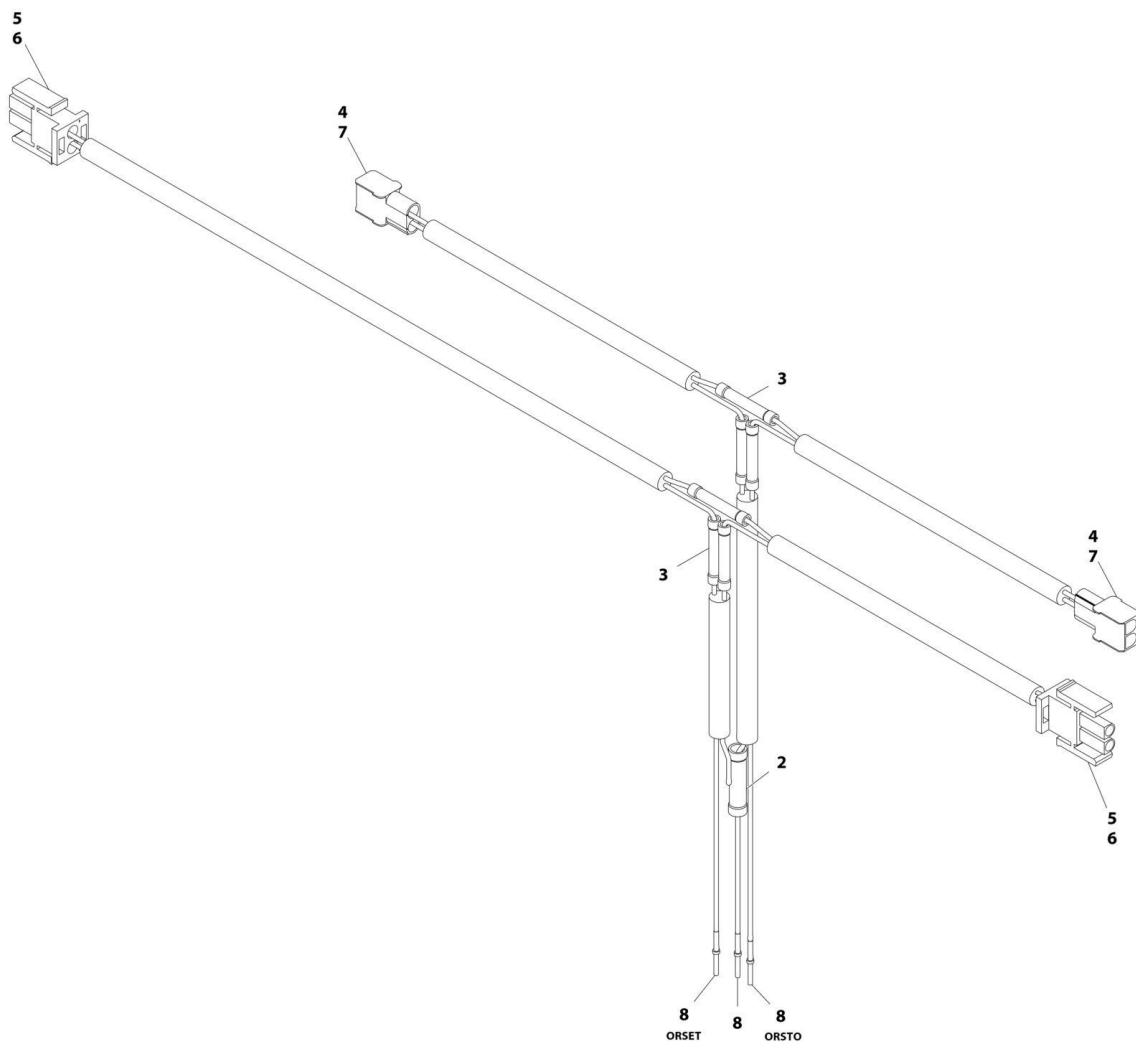
## SECTION 8 - ELECTRICAL

**FIGURE 8-25. GROUND CONTROL BOX TO BULKHEAD HARNESS**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4922479	Ref	GROUND CONTROL BOX TO BULKHEAD HARNESS	
2	4460812	1	Plug, Male - 24 Position	
3	4460846	1	Receptacle, Female - 24 Position	
4	4460464	21	Pin, Male	
5	4460465	26	Socket, Female	
7	1001103012	1	Plug, Male - 4 Position ( <b>SN 0200241795 through 0200266243</b> )	
7	1001103012	1	Plug, Male - 4 Position ( <b>SN M200000100 through M200039307</b> )	
11	4460897	1	Receptacle, Female - 2 Position ( <b>SN 0200241795 through 0200266243</b> )	
11	4460897	1	Receptacle, Female - 2 Position ( <b>SN M200000100 through M200039307</b> )	
12	4461095	1	Plug, Male - 3 Position ( <b>SN 0200241795 through 0200266243</b> )	
12	4461095	1	Plug, Male - 3 Position ( <b>SN M200000100 through M200039307</b> )	
13	4461070	1	Connector - 3 Position ( <b>SN 0200241795 through 0200266243</b> )	
13	4461070	1	Connector - 3 Position ( <b>SN M200000100 through M200039307</b> )	
14	4460945	1	Receptacle, Tee ( <b>SN 0200241795 through 0200266243</b> )	
14	4460945	1	Receptacle, Tee ( <b>SN M200000100 through M200039307</b> )	
15	1001116812	2	Plug, Male - 3 Position ( <b>SN 0200241795 through 0200266243</b> )	
15	1001116812	2	Plug, Male - 3 Position ( <b>SN M200000100 through M200039307</b> )	
17	1001130615	1	Plug, Male - 3 Position ( <b>SN 0200241795 through 0200266243</b> )	
17	1001130615	1	Plug, Male - 3 Position ( <b>SN M200000100 through M200039307</b> )	
18	4460944	8	Socket, Female ( <b>SN 0200241795 through 0200266243</b> )	
18	4460944	8	Socket, Female ( <b>SN M200000100 through M200039307</b> )	
19	1001107854	4	Socket, Female ( <b>SN 0200241795 through 0200266243</b> )	
19	1001107854	4	Socket, Female ( <b>SN M200000100 through M200039307</b> )	
20	1001197457	4	Seal, Terminal ( <b>SN 0200249094 through 0200266243</b> )	
20	1001197457	4	Seal, Terminal ( <b>SN M200000100 through M200039307</b> )	
21	2400060	1	Fuseholder with Cover ( <b>SN 0200251812 through 0200266243</b> )	
21	2400060	1	Fuseholder with Cover ( <b>SN M200000100 through M200039307</b> )	
22	8229242	1	Fuse 5Amp ( <b>SN 0200251812 through 0200266243</b> )	
22	8229242	1	Fuse 5Amp ( <b>SN M200000100 through M200039307</b> )	
23	4460891	1	Plug, Male - 2 Position ( <b>SN 0200251812 through 0200266243</b> )	
23	4460891	1	Plug, Male - 2 Position ( <b>SN M200000100 through M200039307</b> )	
24	4460884	1	Plug, Male - 4 Position ( <b>SN 0200251812 through 0200266243</b> )	
24	4460884	1	Plug, Male - 4 Position ( <b>SN M200000100 through M200039307</b> )	
25	1001192401	1	Cap, Dust ( <b>SN 0200251812 through 0200266243</b> )	
25	1001192401	1	Cap, Dust ( <b>SN M200000100 through M200039307</b> )	
27	4460466	1	Plug, Terminal ( <b>SN 0200251812 through 0200266243</b> )	
27	4460466	1	Plug, Terminal ( <b>SN M200000100 through M200039307</b> )	

## SECTION 8 - ELECTRICAL

FIGURE 8-26. LEVELING JACK HARNESS



ART\_4922456

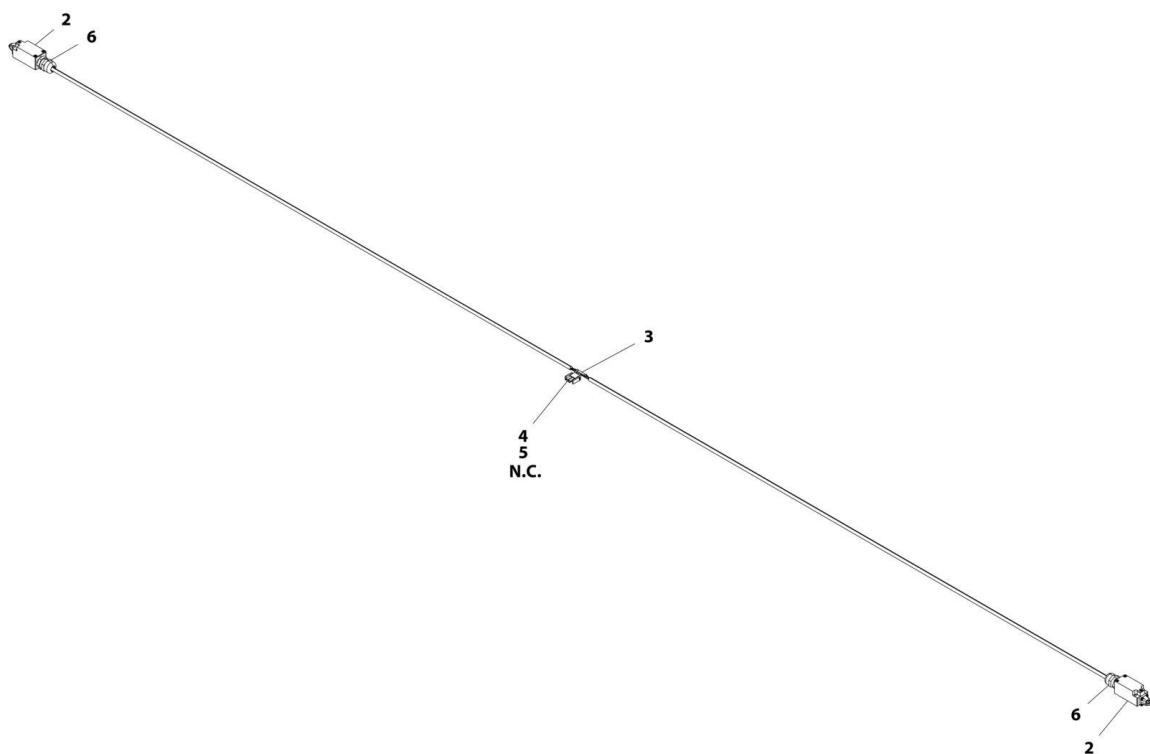
## SECTION 8 - ELECTRICAL

**FIGURE 8-26. LEVELING JACK HARNESS**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
2	4922456	Ref	LEVELING JACK HARNESS	B
2	4460335	1	Terminal, Splice	
3	4460248	6	Terminal, Splice	
4	4460267	4	Pin, Male	
5	4460268	4	Socket, Female	
6	4460320	2	Plug, Male - 2 Position	
7	4460424	2	Receptacle, Female - 2 Position	
8	4460465	3	Socket, Female	

## SECTION 8 - ELECTRICAL

FIGURE 8-27. LEVELING JACK N.C. HARNESS



ART\_4922455

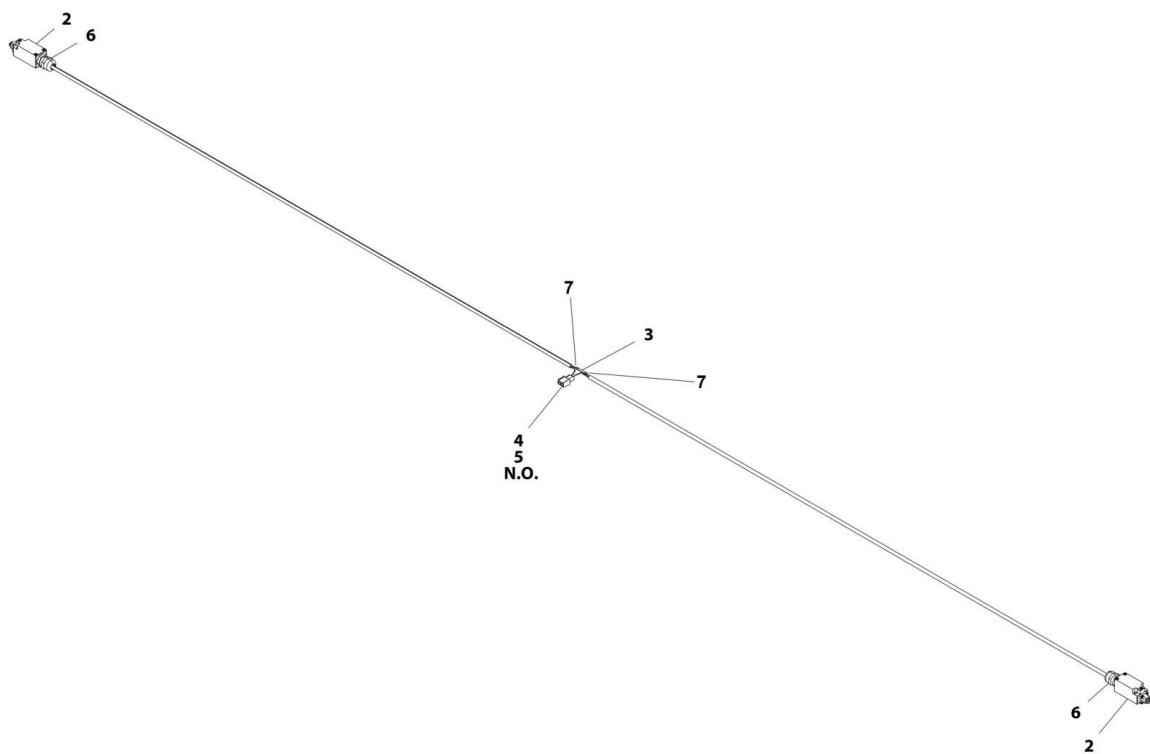
## SECTION 8 - ELECTRICAL

FIGURE 8-27. LEVELING JACK N.C. HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4922455	Ref	LEVELING JACK N.C. HARNESS	
2	4360548	2	Switch, Limit	D
3	4460248	1	Terminal, Splice	
4	4460268	2	Socket, Female	
5	4460320	1	Plug, Male - 2 Position	
6	4460968	2	Connector, Strain Relief	

## SECTION 8 - ELECTRICAL

FIGURE 8-28. LEVELING JACK N.O. HARNESS



ART\_4922454

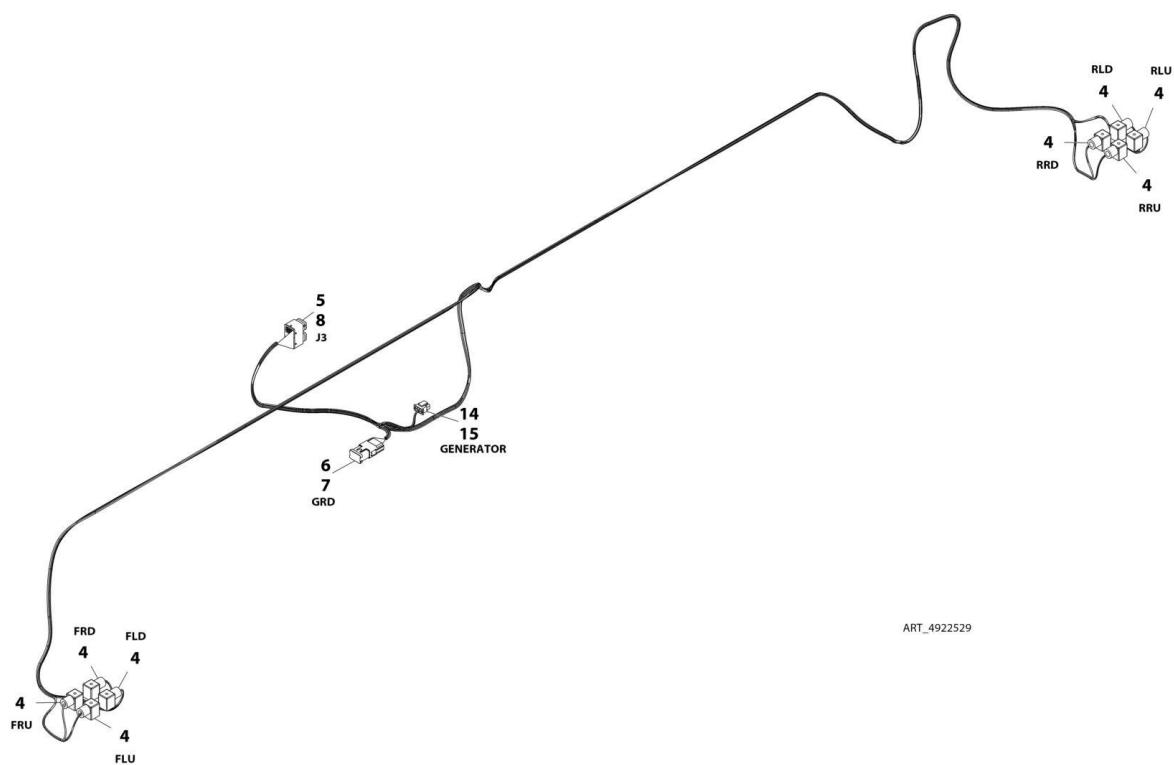
## SECTION 8 - ELECTRICAL

FIGURE 8-28. LEVELING JACK N.O. HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4922454	Ref	LEVELING JACK N.O. HARNESS	
2	4360548	2	Switch, Limit	F
3	4460248	1	Terminal, Splice	
4	4460267	2	Pin, Male	
5	4460424	1	Receptacle, Female - 2 Position	
6	4460968	2	Connector, Strain Relief	
7	2820171	AR	Heat Shrink	

## SECTION 8 - ELECTRICAL

FIGURE 8-29. LEVELING JACK VALVE HARNESS



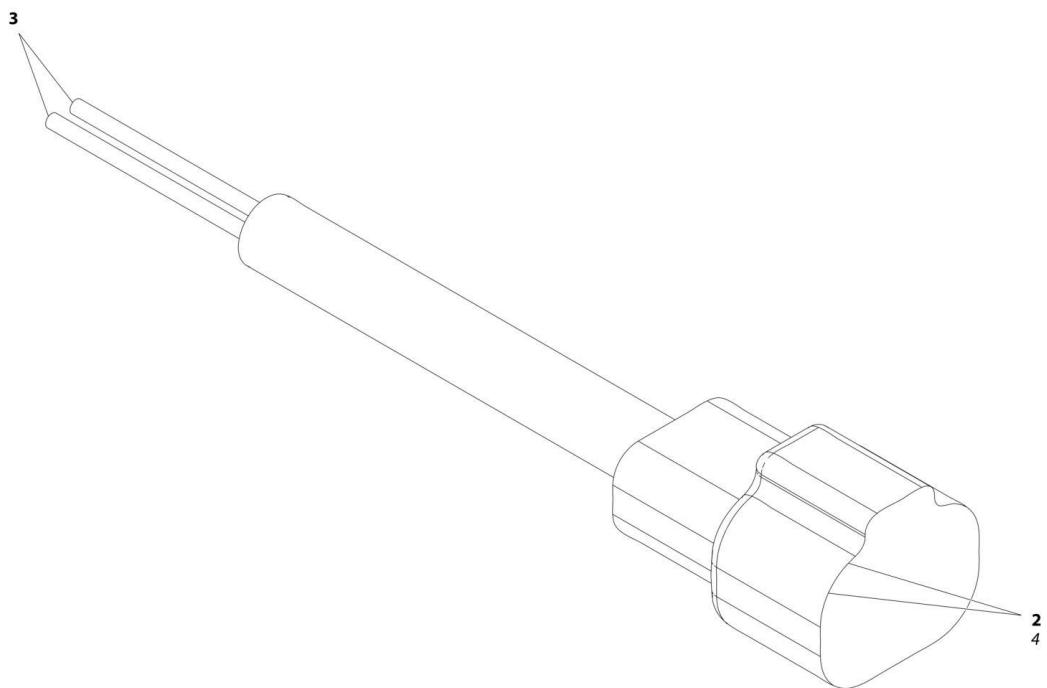
## SECTION 8 - ELECTRICAL

FIGURE 8-29. LEVELING JACK VALVE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4922529	Ref	LEVELING JACK VALVE HARNESS	
4	4460499	8	Connector, DIN	B
5	4460896	1	Plug, Male - 24 Position	
6	4460836	1	Receptacle, Female - 12 Position	
7	4460837	1	Plug, Male - 12 Position	
8	4460465	18	Socket, Female	
9	4460466	3	Plug, Seal	
14	4460225	1	Plug, Male - 6 Position	
15	4460267	4	Pin, Male	

## SECTION 8 - ELECTRICAL

FIGURE 8-30. LIFT DOWN HARNESS - LOWER



ART\_4922543

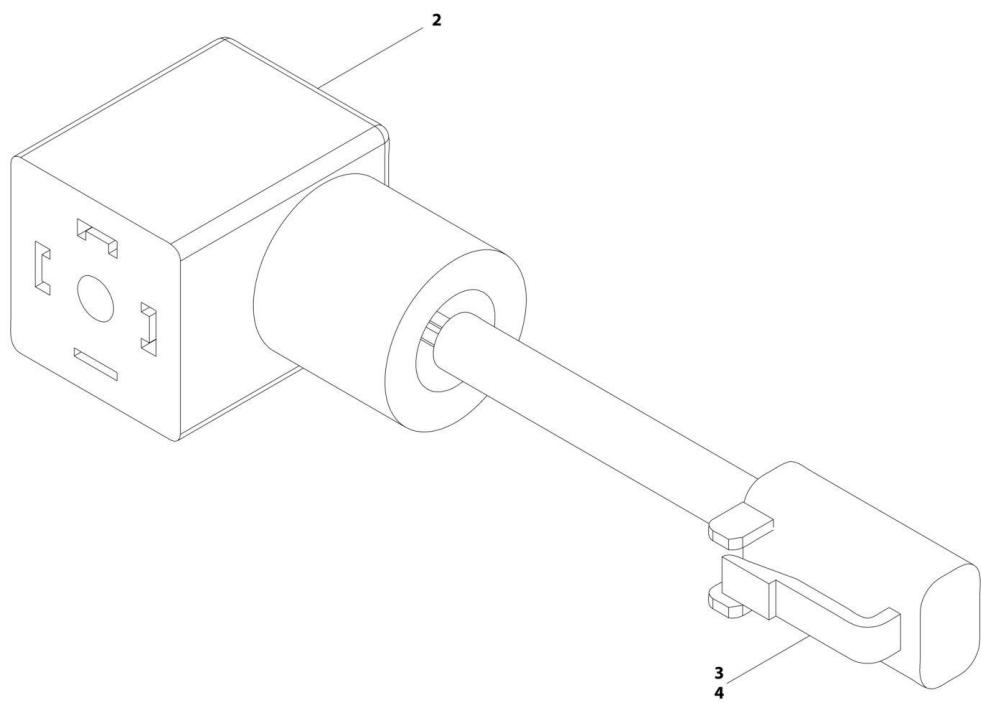
## SECTION 8 - ELECTRICAL

FIGURE 8-30. LIFT DOWN HARNESS - LOWER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
2	4922543	Ref	LIFT DOWN HARNESS - LOWER	C
3	4460464	2	Pin, Male	
3	4460465	2	Socket, Female	
4	4460897	1	Receptacle, Female - 2 Position	

## SECTION 8 - ELECTRICAL

FIGURE 8-31. LIFT DOWN HARNESS - 3369LE/M3369 UPPER



ART\_4922544

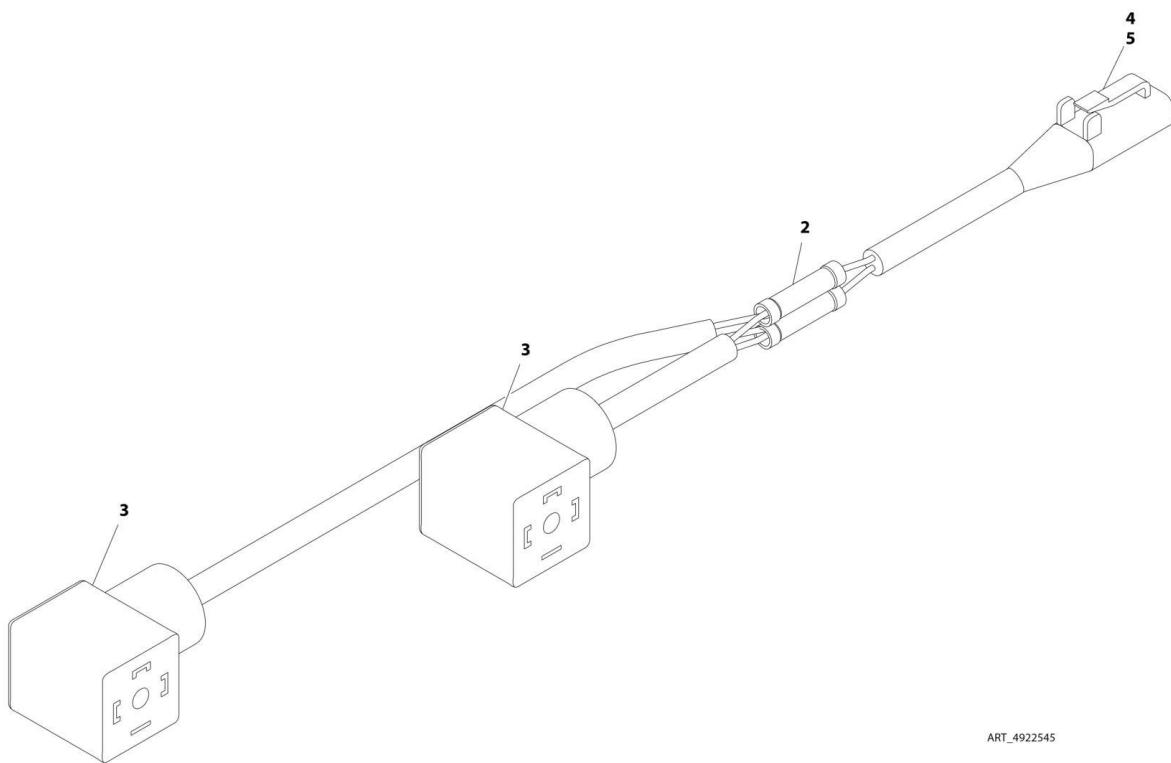
## SECTION 8 - ELECTRICAL

FIGURE 8-31. LIFT DOWN HARNESS - 3369LE/M3369 UPPER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
2	4922544	Ref	LIFT DOWN HARNESS - UPPER	B
3	4460499	1	Connector, DIN	
3	4460465	2	Socket, Female	
4	4460891	1	Plug, Male - 2 Position	

## SECTION 8 - ELECTRICAL

FIGURE 8-32. LIFT DOWN HARNESS - 4069LE/M4069 UPPER



ART\_4922545

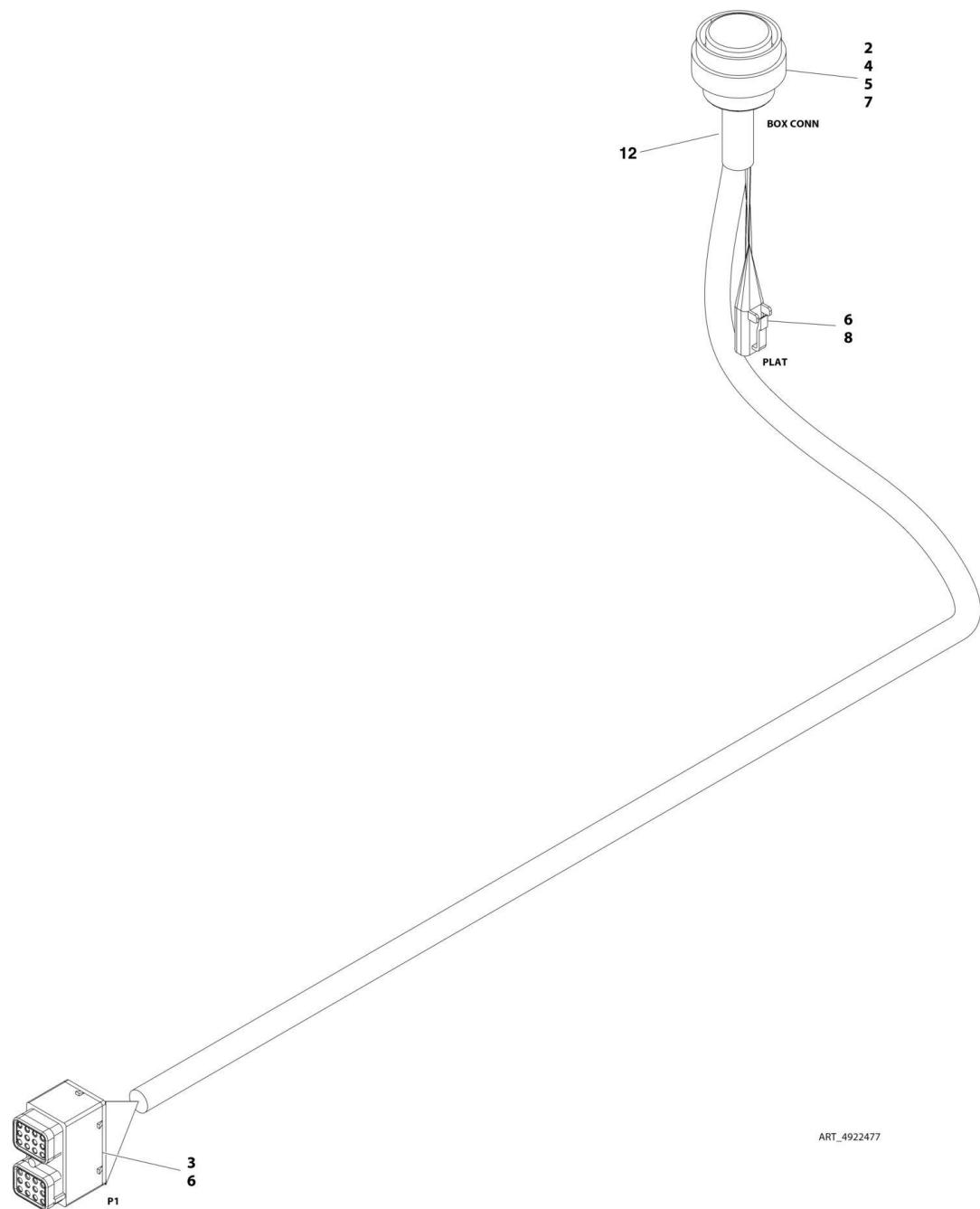
## SECTION 8 - ELECTRICAL

FIGURE 8-32. LIFT DOWN HARNESS - 4069LE/M4069 UPPER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
2	4922545	Ref	LIFT DOWN HARNESS - UPPER	B
3	4460035	1	Terminal, Splice	
4	4460499	2	Connector, DIN	
5	4460465	2	Socket, Female	
	4460891	1	Plug, Male - 2 Position	

## SECTION 8 - ELECTRICAL

FIGURE 8-33. PLATFORM CABLE HARNESS - 3369LE/M3369



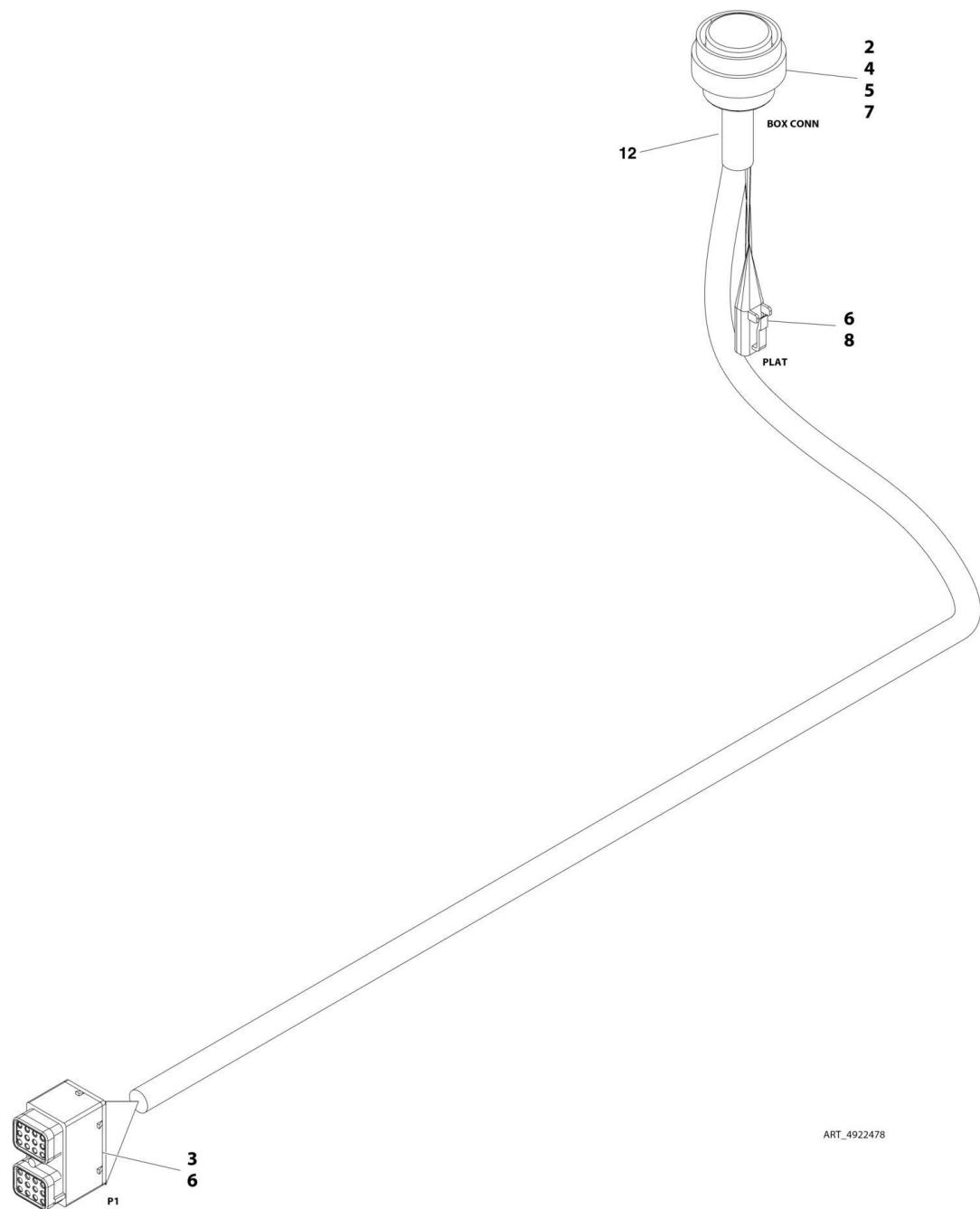
## SECTION 8 - ELECTRICAL

FIGURE 8-33. PLATFORM CABLE HARNESS - 3369LE/M3369

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
2	4922477	Ref	PLATFORM CABLE HARNESS - 3369LE/M3369	C
3	4460481	1	Connector - 23 Position	
4	4460812	1	Plug, Male - 24 Position	
5	4460468	1	Cap, Dust	
6	4460473	1	Cable/Clamp Assembly	
7	4460465	21	Socket, Female	
8	4460464	20	Pin, Male	
12	4460891	1	Plug, Male - 2 Position	
	1001226400	1	Heat Shrink ( <b>SN M200015636 through M200039307</b> )	

## SECTION 8 - ELECTRICAL

FIGURE 8-34. PLATFORM CABLE HARNESS - 4069LE/M4069



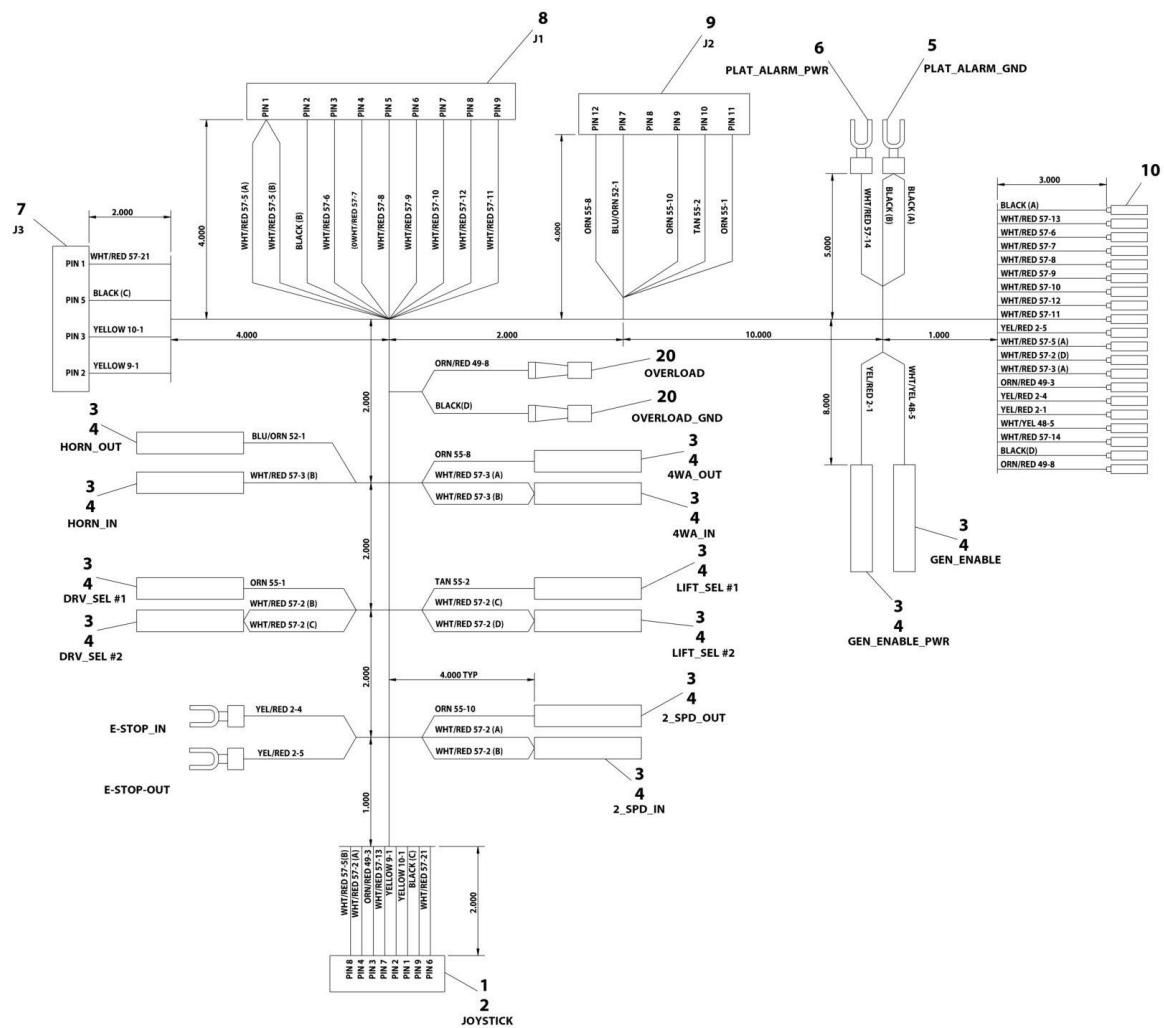
## SECTION 8 - ELECTRICAL

FIGURE 8-34. PLATFORM CABLE HARNESS - 4069LE/M4069

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
2	4922478	Ref	PLATFORM CABLE HARNESS - 4069LE/M4069	B
3	4460481	1	Connector - 23 Position	
4	4460812	1	Plug, Male - 24 Position	
5	4460468	1	Cap, Dust	
6	4460473	1	Cable/Clamp Assembly	
7	4460465	21	Socket, Female	
8	4460464	20	Pin, Male	
12	4460891	1	Plug, Male - 2 Position	
	1001226400	1	Heat Shrink ( <b>SN M200015636 through M200039307</b> )	

## SECTION 8 - ELECTRICAL

FIGURE 8-35. PLATFORM CONSOLE BOX HARNESS WITHOUT LEVELING JACKS



ART\_4922526

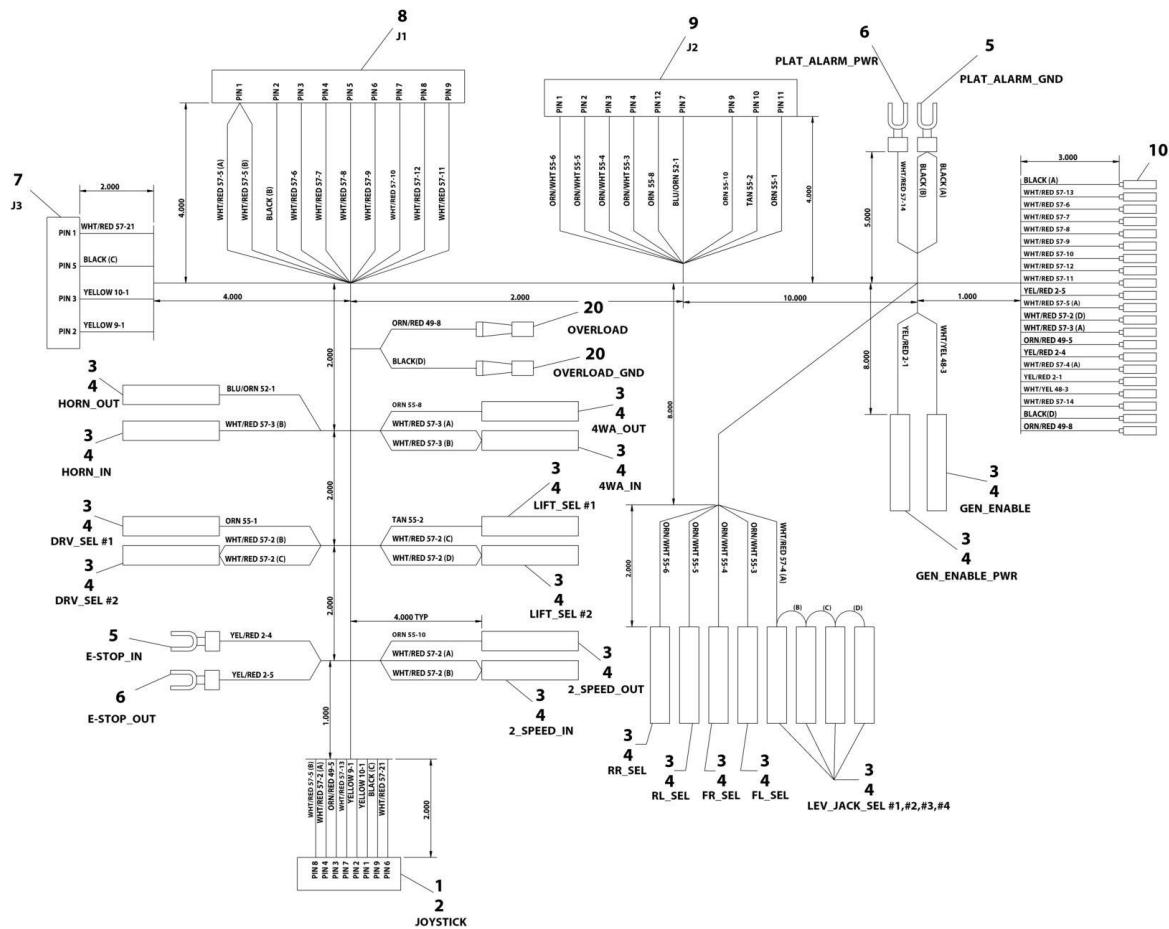
## SECTION 8 - ELECTRICAL

FIGURE 8-35. PLATFORM CONSOLE BOX HARNESS WITHOUT LEVELING JACKS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4922526	Ref	PLATFORM CONSOLE BOX HARNESS WITHOUT LEVELING JACKS	D
1	4460266	1	Receptacle, Female - 9 Position	
2	4460267	8	Pin, Male	
3	4460259	12	Terminal	
4	4460260	12	Housing, Terminal	
5	4460115	2	Terminal, Fork	
6	4460183	2	Terminal, Fork	
7	4460817	1	Plug, Male - 5 Position	
8	4460818	1	Plug, Male - 10 Position	
9	4460895	1	Plug, Male - 12 Position	
10	4460465	18	Socket, Female	
20	4460016	2	Terminal, Receptacle	

## **SECTION 8 - ELECTRICAL**

**FIGURE 8-36. PLATFORM CONSOLE BOX HARNESS WITH LEVELING JACKS**



ART\_4922527

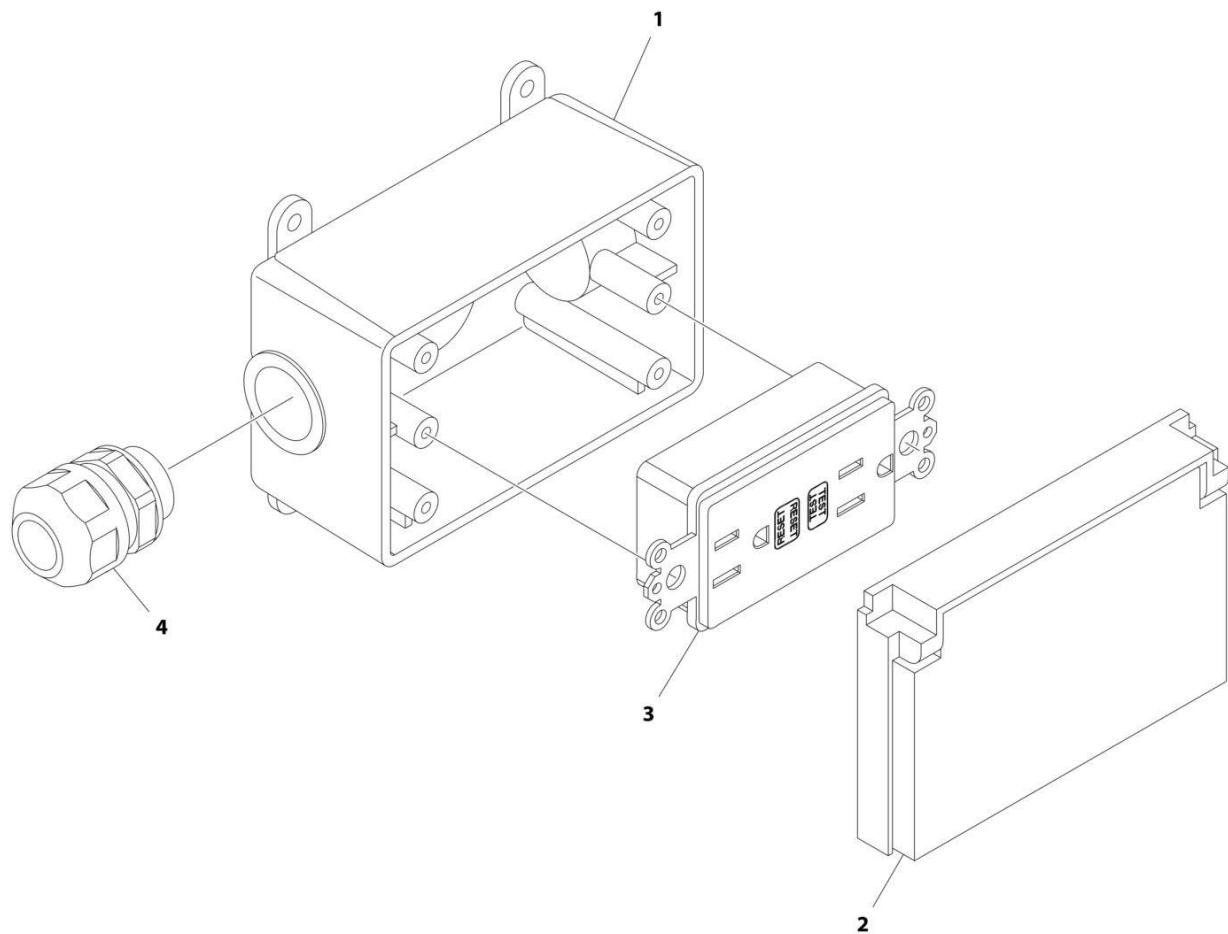
## SECTION 8 - ELECTRICAL

FIGURE 8-36. PLATFORM CONSOLE BOX HARNESS WITH LEVELING JACKS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	4922527	Ref	PLATFORM CONSOLE BOX HARNESS WITH LEVELING JACKS	
1	4460266	1	Receptacle, Female - 9 Position	C
2	4460267	8	Pin, Male	
3	4460259	16	Terminal	
4	4460260	20	Housing, Terminal	
5	4460115	2	Terminal, Fork	
6	4460183	2	Terminal, Fork	
7	4460817	1	Plug, Male - 5 Position	
8	4460818	1	Plug, Male - 10 Position	
9	4460895	1	Plug, Male - 12 Position	
10	4460465	19	Socket, Female	
20	4460016	2	Terminal, Receptacle	

## SECTION 8 - ELECTRICAL

FIGURE 8-37. RECEPTACLE BOX KIT - 110V GFI



ART\_2902431

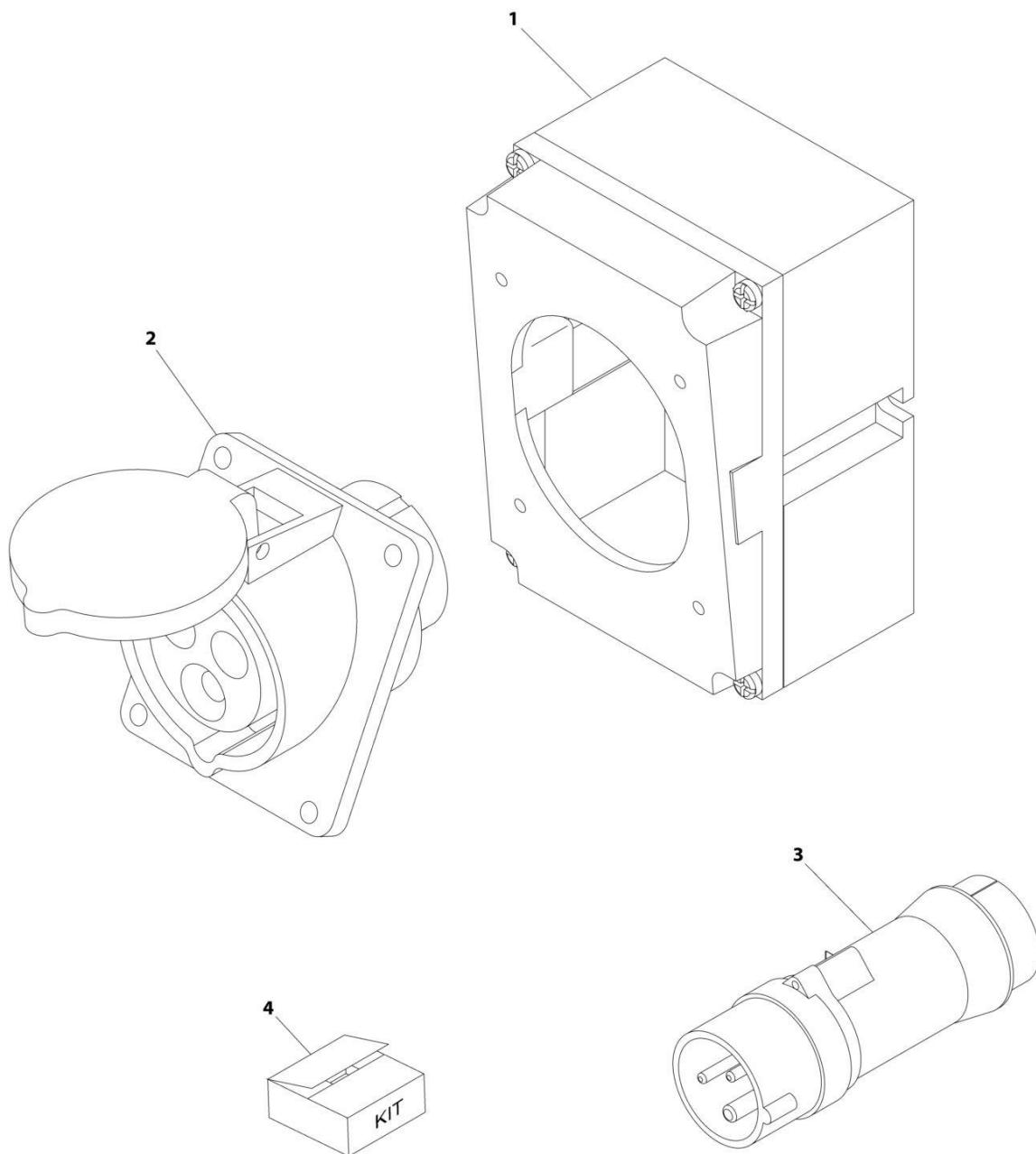
## SECTION 8 - ELECTRICAL

FIGURE 8-37. RECEPTACLE BOX KIT - 110V GFI

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

## SECTION 8 - ELECTRICAL

FIGURE 8-38. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE SPEC)



ART\_0275216

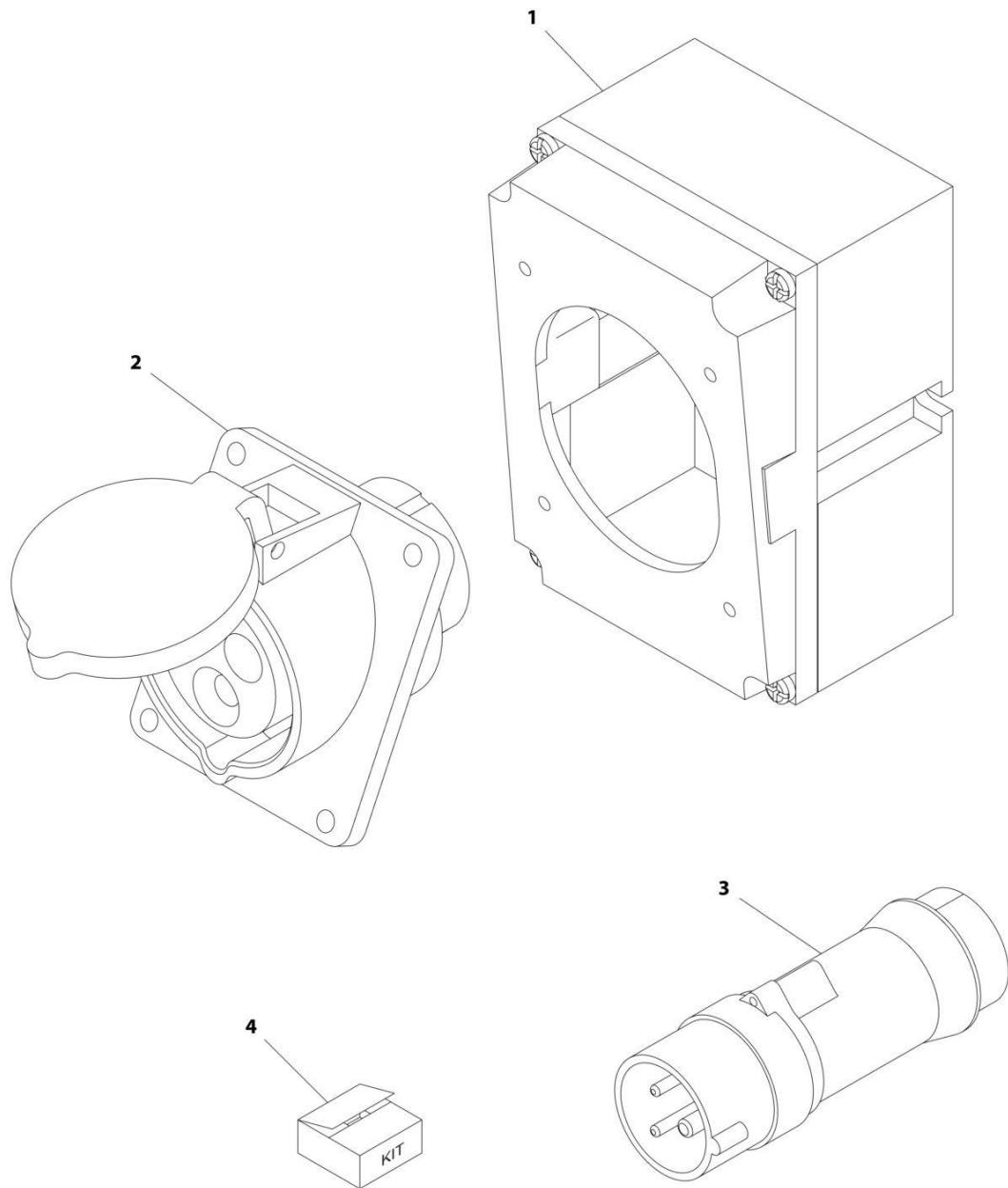
## SECTION 8 - ELECTRICAL

**FIGURE 8-38. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE SPEC)**

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

## SECTION 8 - ELECTRICAL

FIGURE 8-39. RECEPTACLE BOX KIT - 220V IEC BLUE (CE SPEC)



ART\_0275217

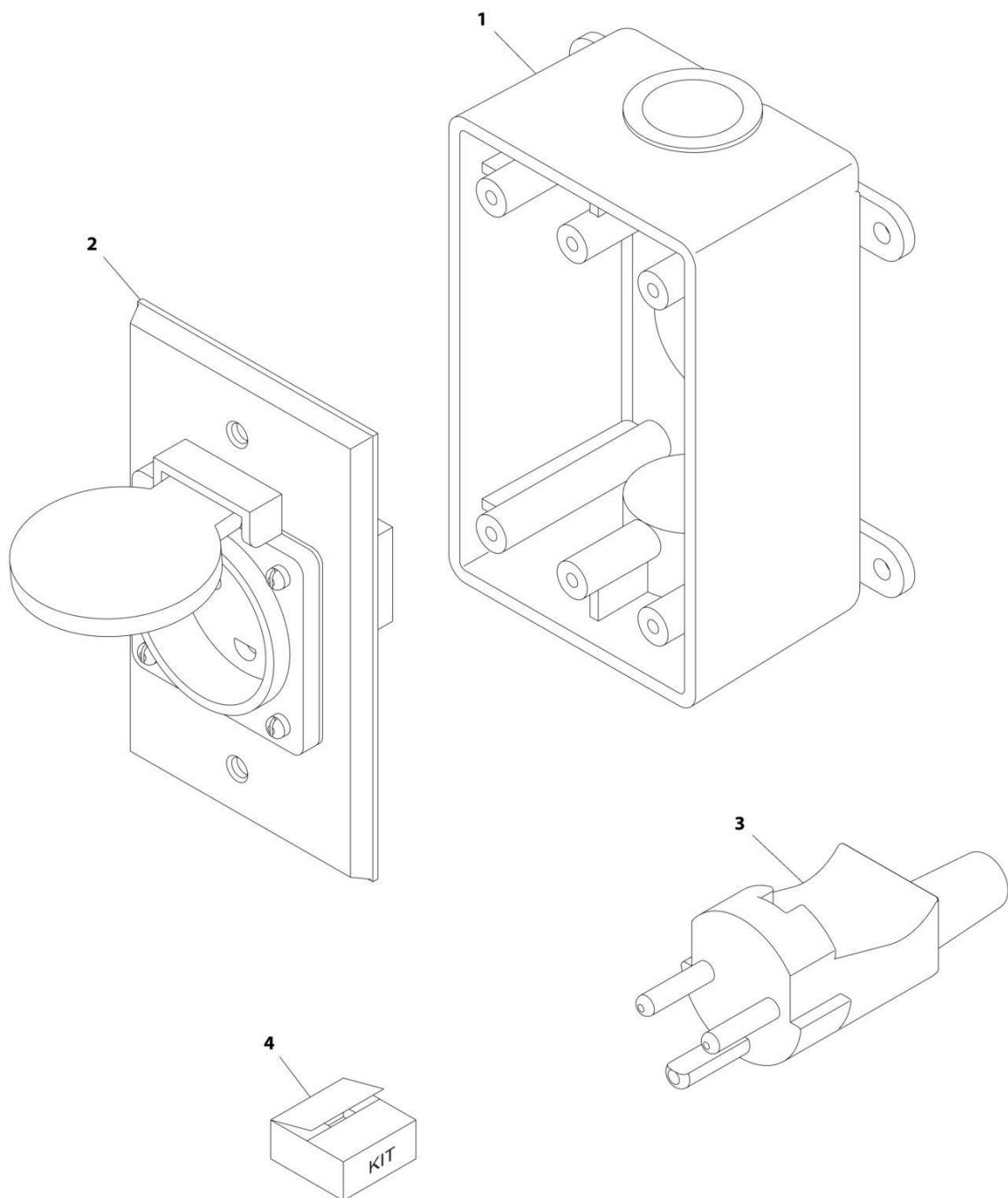
## SECTION 8 - ELECTRICAL

**FIGURE 8-39. RECEPTACLE BOX KIT - 220V IEC BLUE (CE SPEC)**

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

## SECTION 8 - ELECTRICAL

FIGURE 8-40. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE SPEC)



ART\_0275454

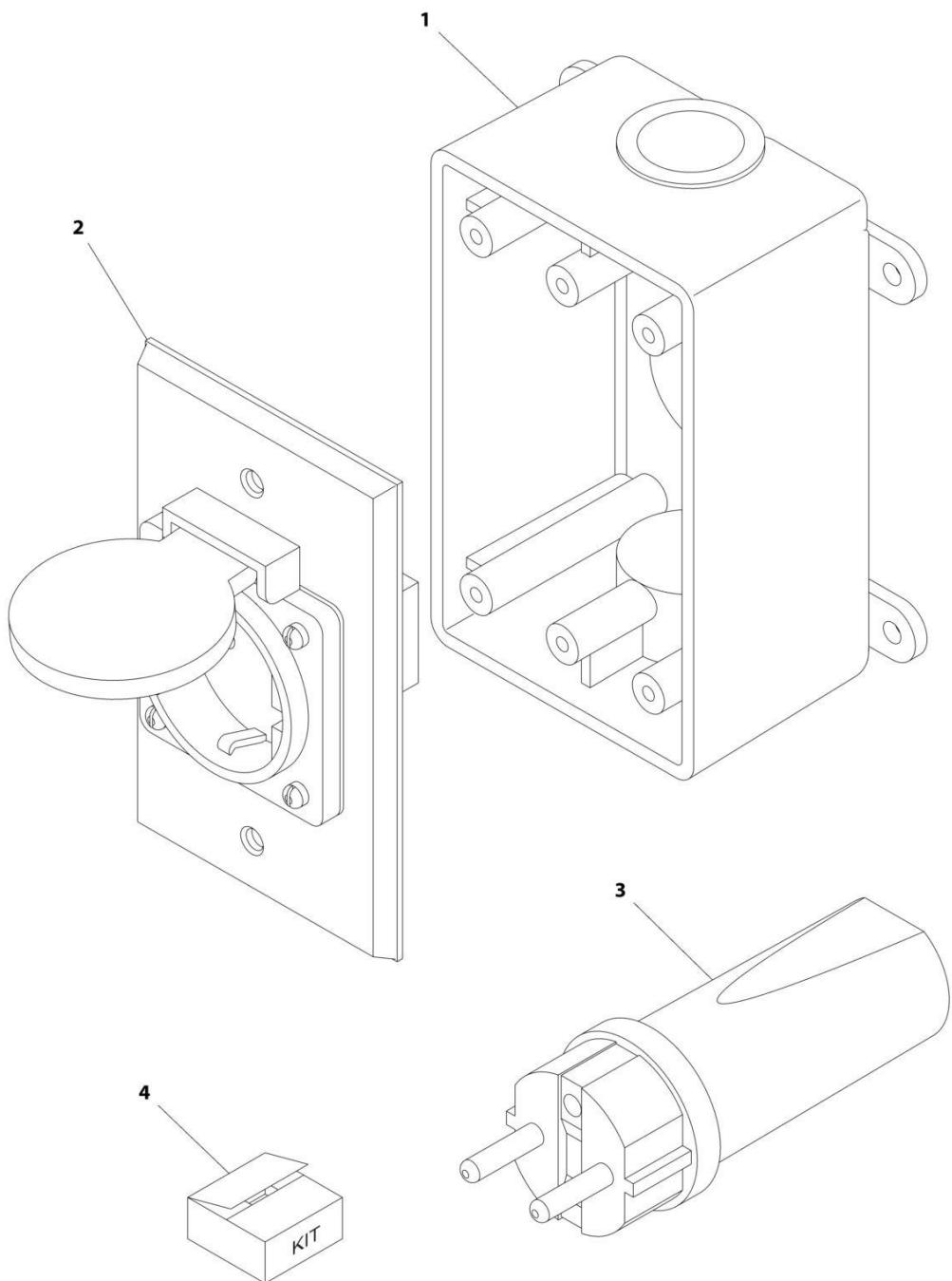
## SECTION 8 - ELECTRICAL

**FIGURE 8-40. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE SPEC)**

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

## SECTION 8 - ELECTRICAL

FIGURE 8-41. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND (CE SPEC)



ART\_0275453

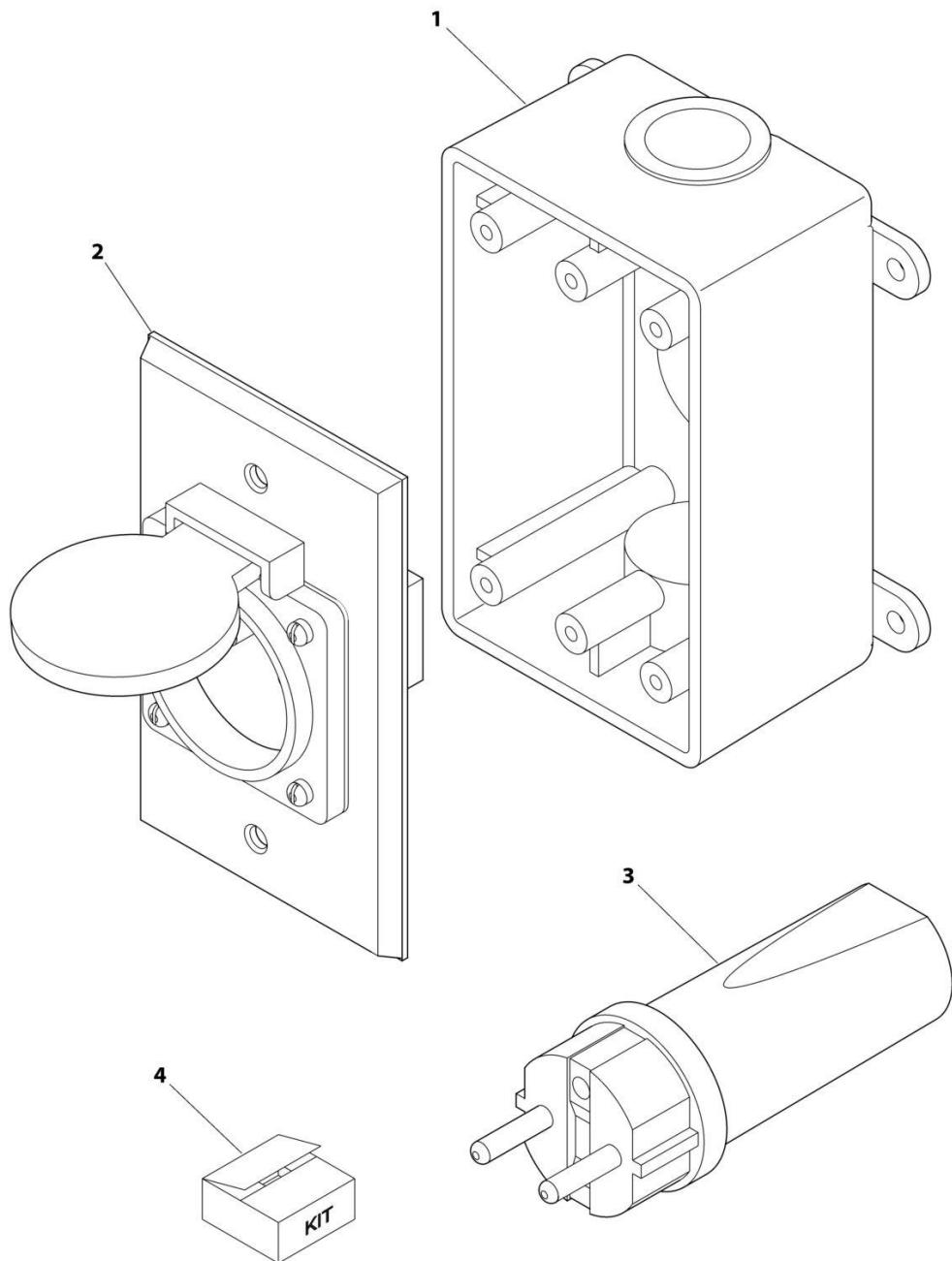
## SECTION 8 - ELECTRICAL

FIGURE 8-41. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND (CE SPEC)

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

## SECTION 8 - ELECTRICAL

FIGURE 8-42. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND (CE SPEC)



ART\_0275452

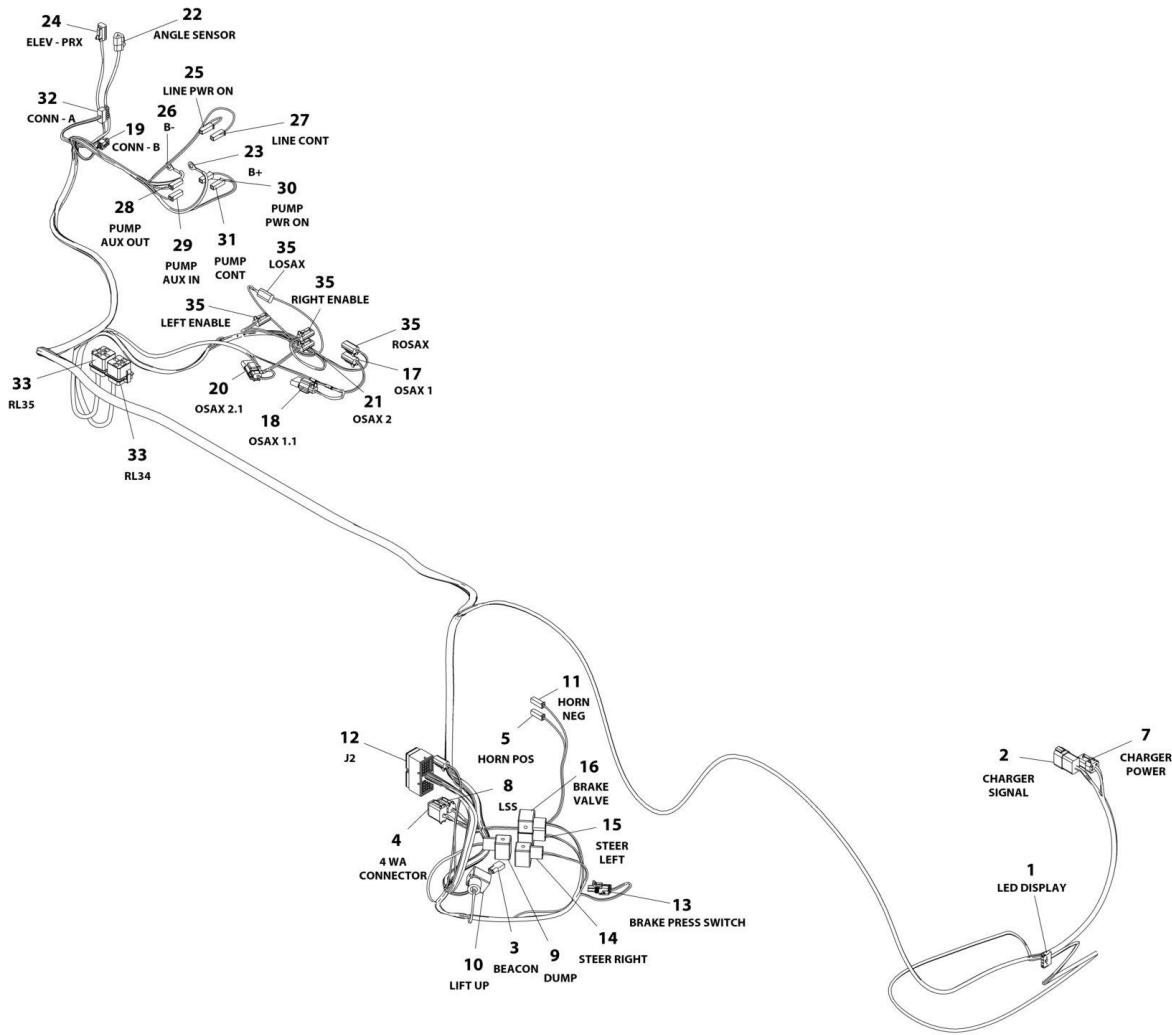
## SECTION 8 - ELECTRICAL

**FIGURE 8-42. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND (CE SPEC)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	0275452	Ref	RECEPTACLE BOX KIT - 220V CEE7 POST GROUND (CE SPEC)	
1	0861731	1	Box, Switch	
2	4461244	1	Receptacle	
3	4461202	1	Plug, Male	
4	1001100345	1	Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461206)	2

## SECTION 8 - ELECTRICAL

FIGURE 8-43. VALVE HARNESS



ART\_1001171103

## SECTION 8 - ELECTRICAL

**FIGURE 8-43. VALVE HARNESS**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171103	Ref	VALVE HARNESS	G
1	4460761	1	Receptacle, Female - 4 Position	
1	4460226	4	Socket, Female	
2	4460931	1	Receptacle, Female - 8 Position	
2	4460464	6	Pin, Male	
2	4460466	2	Plug, Seal	
3	4460424	1	Plug, Male - 2 Position	
3	4460267	3	Pin, Male	
4	4460930	1	Plug, Male - 8 Position	
4	4460465	7	Socket, Female	
4	4460466	1	Plug, Seal	
5	4460260	1	Housing, Terminal	
5	4460259	1	Terminal	
7	1001096188	1	Plug, Male - 4 Position	
7	4460509	2	Socket, Female	
7	4460466	2	Plug, Seal	
8	4460884	1	Plug, Male - 4 Position	
8	4460465	4	Socket, Female	
9	4460499	1	Connector, DIN	
10	4460499	1	Connector, DIN	
11	4460260	1	Housing, Terminal	
11	4460259	1	Terminal	
12	4460814	1	Connector - 40 Position	
12	4460465	32	Socket, Female	
12	4460466	8	Plug, Seal	
13	4460742	1	Plug, Male - 2 Position	
13	4460743	2	Socket, Female	
14	4460499	1	Connector, DIN	
15	4460499	1	Connector, DIN	
16	4460499	1	Connector, DIN	
17	4460891	1	Plug, Male - 2 Position	
17	4460465	2	Socket, Female	
18	4460891	1	Plug, Male - 2 Position	
18	4460465	2	Socket, Female	
18	1001116816	1	Receptacle, Female - 2 Position with Diode	
19	4460870	1	Plug, Male - 12 Position	
19	4460877	4	Terminal	
20	4460891	1	Plug, Male - 2 Position	
20	4460465	2	Socket, Female	
21	4460891	1	Plug, Male - 2 Position	
21	4460465	2	Socket, Female	
21	1001116816	1	Receptacle, Female - 2 Position with Diode	
22	4460539	1	Plug, Male - 3 Position	
22	4460465	3	Socket, Female	
23	4460019	1	Terminal, Ring	
24	4460891	1	Plug, Male - 2 Position	
24	4460465	2	Socket, Female	
25	4460260	1	Housing, Terminal	
25	4460259	1	Terminal	
26	4460019	1	Terminal, Ring	

## SECTION 8 - ELECTRICAL

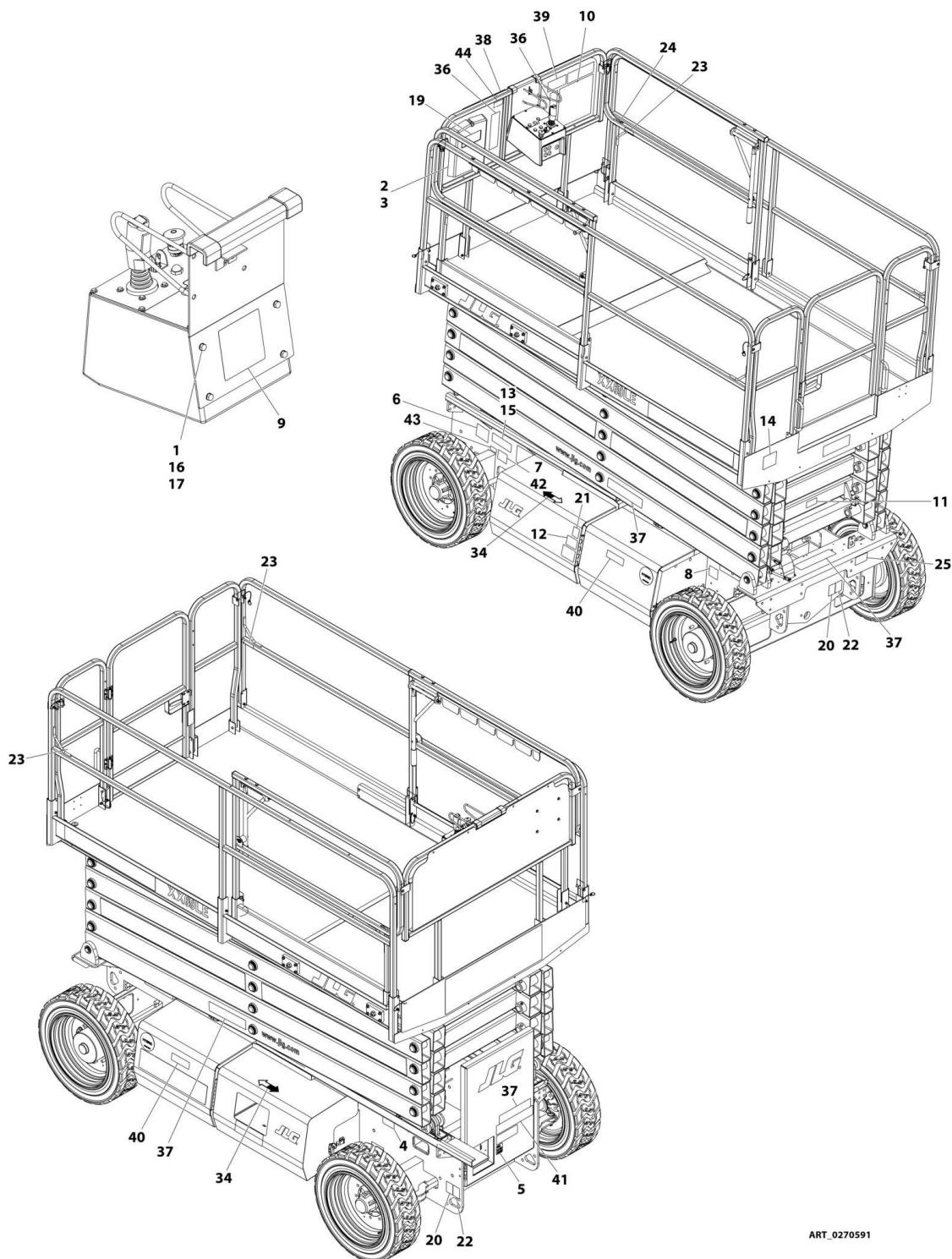
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
27	4460260	1	Housing, Terminal	
27	4460259	1	Terminal	
28	4460260	1	Housing, Terminal	
28	4460259	1	Terminal	
29	4460260	1	Housing, Terminal	
29	4460259	1	Terminal	
30	4460260	1	Housing, Terminal	
30	4460259	1	Terminal	
31	4460260	1	Housing, Terminal	
31	4460259	1	Terminal	
32	4460868	1	Plug, Male - 6 Position	
32	4460877	1	Terminal	
33	4460374	2	Plug, Relay ( <b>SN 0200241795 through 0200266243</b> )	
33	4460374	2	Plug, Relay ( <b>SN M200000100 through M200039307</b> )	
33	4460375	8	Terminal ( <b>SN 0200241795 through 0200266243</b> )	
33	4460375	8	Terminal ( <b>SN M200000100 through M200039307</b> )	
33	3740080	2	Relay ( <b>SN 0200241795 through 0200266243</b> )	
33	3740080	2	Relay ( <b>SN M200000100 through M200039307</b> )	
35	4460891	4	Plug, Male - 2 Position ( <b>SN 0200241795 through 0200266243</b> )	
35	4460891	4	Plug, Male - 2 Position ( <b>SN M200000100 through M200039307</b> )	
35	4460465	8	Socket, Female ( <b>SN 0200241795 through 0200266243</b> )	
35	4460465	8	Socket, Female ( <b>SN M200000100 through M200039307</b> )	

## **SECTION 9 - DECALS**

### **SECTION 9 - DECALS**

## SECTION 9 - DECALS

FIGURE 9-1. DECAL INSTALLATION - ANSI SPEC (ENGLISH)



ART\_0270591

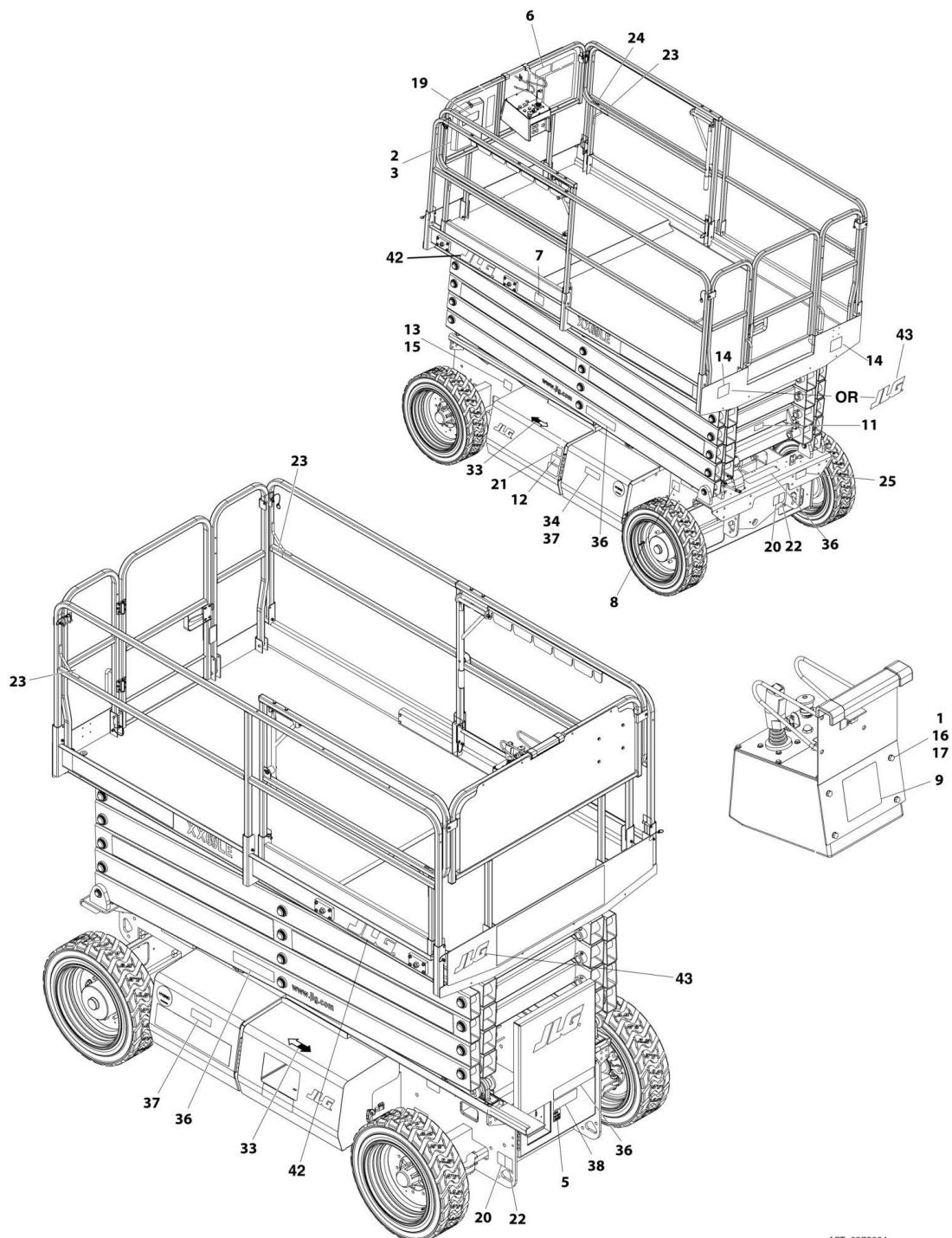
## SECTION 9 - DECALS

**FIGURE 9-1. DECAL INSTALLATION - ANSI SPEC (ENGLISH)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1283217	Ref	DECAL INSTALLATION - REFERENCE CHART	S
	0270591	Ref	DECAL INSTALLATION - ANSI SPEC (ENGLISH)	I
1	0641405	4	Bolt 1/4 x 5/8	
2	0860520	1	Box, Manual Storage	
3	1060279	1	Cable, Lanyard ( <b>SN 0200230092 through 0200266243, SN M200000100 through M200021529</b> )	
4	1001131270	1	Decal - Patent	
5	1701644	1	Decal - Battery Charger	
6	1705303	1	Decal - CSA ( <b>SN 0200260119 through 0200266243</b> )	
7	1702153	1	Decal - Inspection ( <b>SN M200000100 through M200011727</b> )	
8	1702155	1	Decal - Battery Disconnect	
9	See Note	NSS	Decal - Barcode (Note: Not Available for Purchase)	
10	1703816	1	Decal - Danger/Warning	
11	1704211	1	Decal - Safety Prop	
12	1704412	1	Decal - Hydraulic Oil	
13	2080057	4	Fastener	
14	3251813	1	Decal - USA ( <b>SN 0200230092 through 0200264013</b> )	
15	See Note	NSS	Nameplate - Serial Number (Note: Not Available for Purchase)	
16	3311405	4	Nut 1/4	
17	4711400	8	Washer 1/4	
19	1701509	1	Decal - Manual	
20	1703811	4	Decal - Lifting Lugs	
21	1703812	1	Decal - Hydraulic Oil	
22	1703814	4	Decal - Tie Down	
23	1704277	8	Decal - Attach Lanyard Here	
24	1703819	2	Decal - Directional Arrow	
25	1703822	1	Decal - Manual Descent	
34	1703687	2	Decal - Directional Arrow	
36	1704911	1	Decal - Legend	
37	1703818	4	Decal - Warning Crushing Hazard/Danger Electrocution	
38	1703821	1	Decal - Control Box Location	
39	1704903	1	Decal - Gradeability	
40	1703813	2	Decal - Battery Warning	
41	1704248	1	Decal - Battery Charger Instructions	
42	1001223055	1	Decal - Yearly Inspection (DOM) ( <b>SN 0200266462 through 0200266243, SN M200010510 through M200039307</b> )	
43	1001228370	1	Decal - ICES (CAN) ( <b>SN 0200266462 through 0200266243, SN M200010510 through M200039307</b> )	
44	1001231801	1	Decal - Prop 65 ( <b>SN M200027567 through M200039307</b> )	

## **SECTION 9 - DECALS**

## **FIGURE 9-2. DECAL INSTALLATION - AUSTRALIAN AND CE SPECS - 3369LE & 4069LE**



ART\_0275084

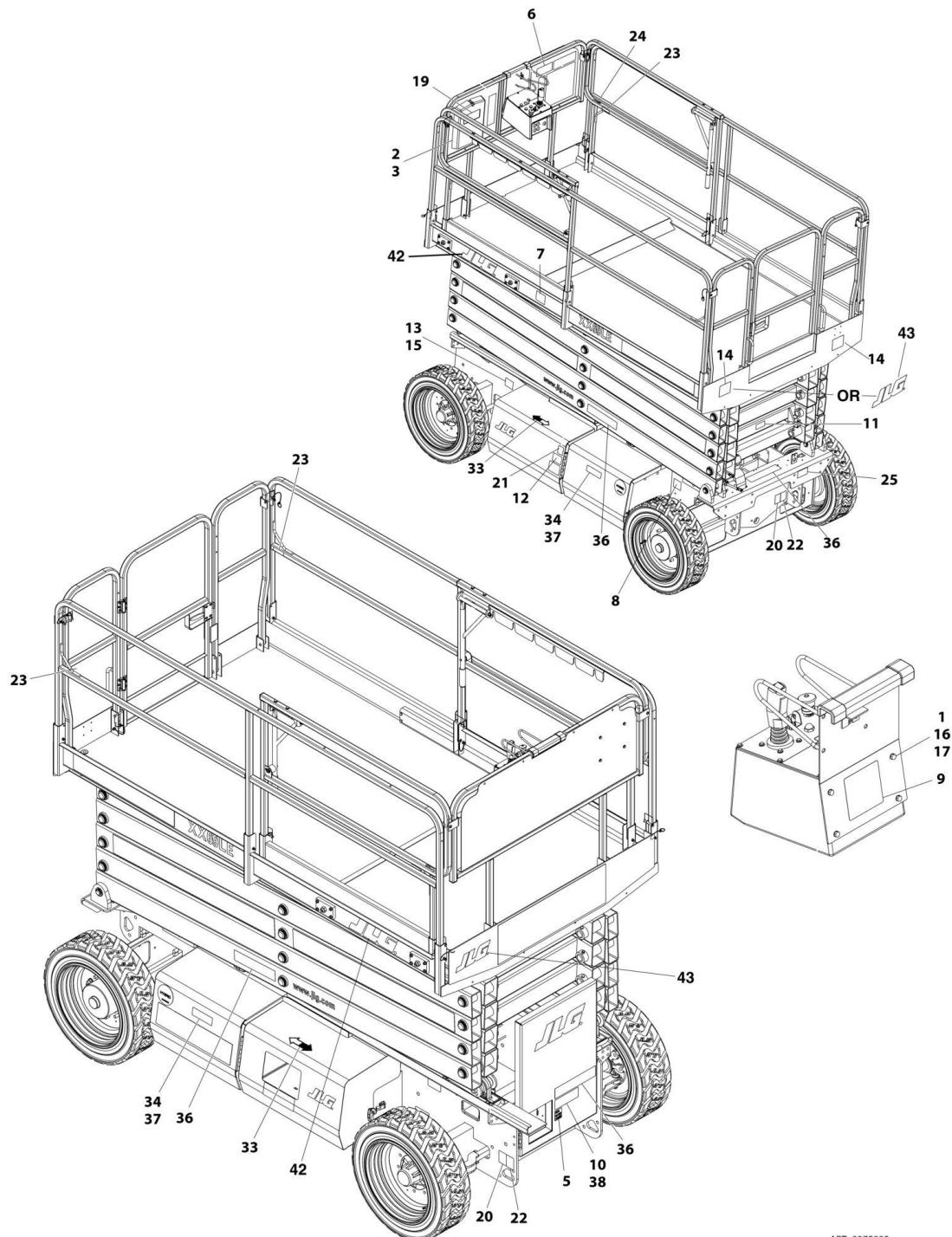
## SECTION 9 - DECALS

**FIGURE 9-2. DECAL INSTALLATION - AUSTRALIAN AND CE SPECS - 3369LE & 4069LE**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1283249	Ref	DECAL INSTALLATION - REFERENCE CHART	O
	0275084	Ref	DECAL INSTALLATION - AUSTRALIAN AND CE SPECS - 3369LE & 4069LE	E
1	0641405	4	Bolt 1/4 x 5/8	
2	0860520	1	Box, Manual Storage	
3	1060279	1	Cable, Lanyard ( <b>SN 0200230092 through 0200266243, SN M20000100 through M200021529</b> )	
5	1701644	1	Decal - Battery Charger	
6	1706338	1	Decal - Warning Crushing Hazard/Danger Electrocution	
8	1702155	1	Decal - Battery Disconnect	
9	See Note	NSS	Decal - Barcode (Note: Not Available for Purchase)	
11	1704211	1	Decal - Safety Prop	
12	1704412	1	Decal - Hydraulic Oil	
13	2080057	2	Fastener	
14	3251813	1	Decal - USA ( <b>SN 0200230092 through 0200264013</b> )	
15	See Note	NSS	Nameplate - Serial Number (Note: Not Available for Purchase)	
16	3311405	4	Nut 1/4	
17	4711400	8	Washer 1/4	
19	1701509	1	Decal - Manual Reference	
20	1703811	4	Decal - Lifting Lugs	
21	1703812	1	Decal - Hydraulic Oil	
22	1703814	4	Decal - Tie Down	
23	1704277	4	Decal - Attach Lanyard Here	
24	1703819	2	Decal - Directional Arrow	
25	1703822	1	Decal - Manual Descent	
33	1703687	2	Decal - Directional Arrow	
36	1706338	AR	Decal - Warning Crushing Hazard/Danger Electrocution	
37	1705670	2	Decal - Battery Warning	
38	1706492	1	Decal - Battery Charger Instructions	
42	1702773	2	Decal - JLG (5in Height)	
43	1701435	2	Decal - JLG (3.5in Height)	

## SECTION 9 - DECALS

FIGURE 9-3. DECAL INSTALLATION - AUSTRALIAN AND CE SPECS - M3369 & M4069



ART\_0275085

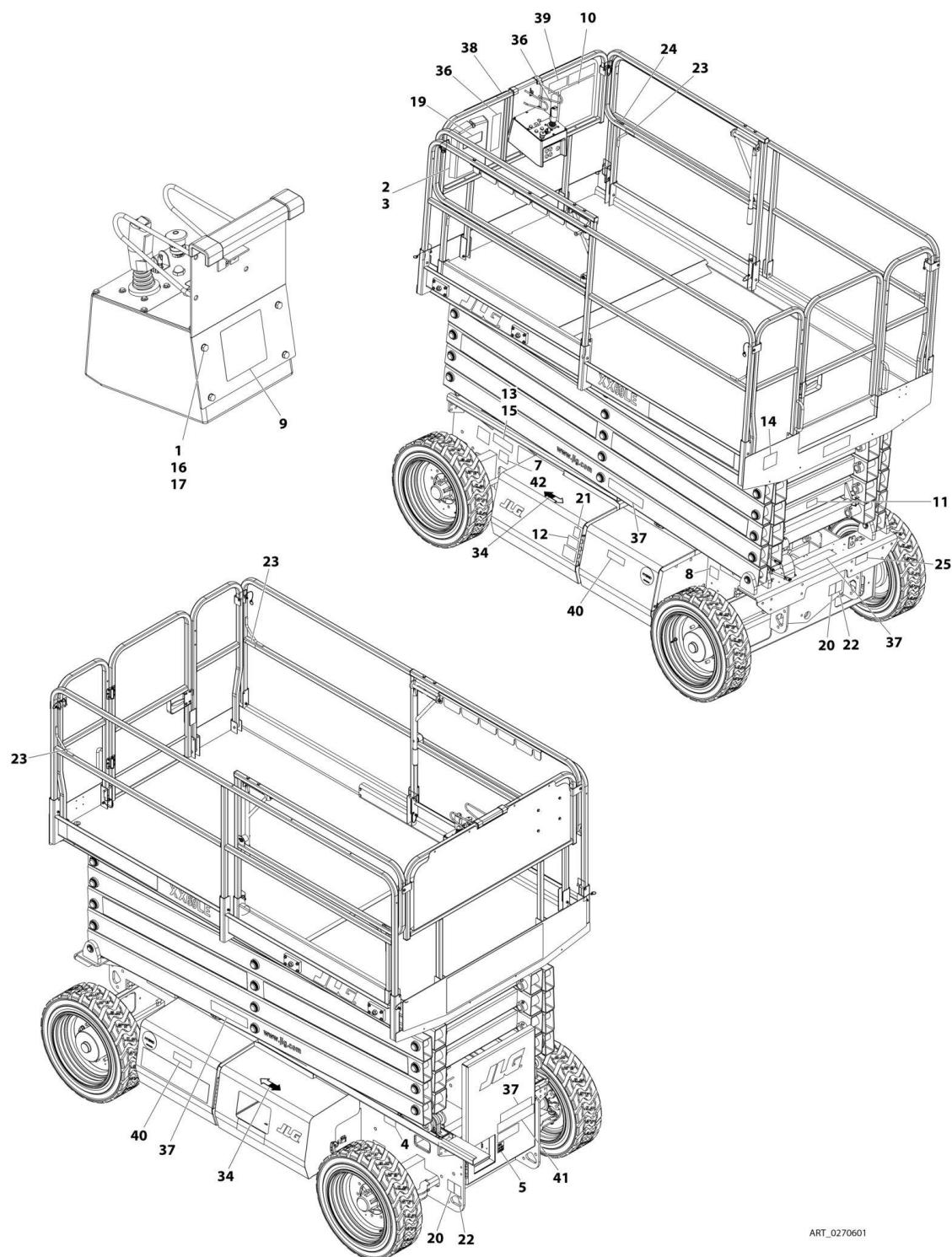
## SECTION 9 - DECALS

**FIGURE 9-3. DECAL INSTALLATION - AUSTRALIAN AND CE SPECS - M3369 & M4069**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1283249	Ref	DECAL INSTALLATION - REFERENCE CHART	O
	0275085	Ref	DECAL INSTALLATION - AUSTRALIAN AND CE SPECS - M3369 & M4069	E
		Ref	Note: For UK MOD Machines, refer to JLG Manual p/n 3121698.	
1	0641405	4	Bolt 1/4 x 5/8	
2	0860520	1	Box, Manual Storage	
3	1060279	1	Cable, Lanyard ( <b>SN 0200230092 through 0200266243, SN M200000100 through M200021529</b> )	
5	1701644	1	Decal - Battery Charger	
6	1706338	1	Decal - Warning Crushing Hazard/Danger Electrocution	
7	1705084	2	Decal - Sound Power Level	
8	1702155	1	Decal - Battery Disconnect	
9	See Note	NSS	Decal - Barcode (Note: Not Available for Purchase)	
11	1704211	1	Decal - Safety Prop	
12	1704412	1	Decal - Hydraulic Oil	
13	2080057	2	Fastener	
14	3251813	1	Decal - USA ( <b>SN 0200230092 through 0200264013</b> )	
15	See Note	NSS	Nameplate - Serial Number (Note: Not Available for Purchase)	
16	3311405	4	Nut 1/4	
17	4711400	8	Washer 1/4	
19	1701509	1	Decal - Manual Reference	
20	1703811	4	Decal - Lifting Lugs	
21	1703812	1	Decal - Hydraulic Oil	
22	1703814	4	Decal - Tie Down	
23	1704277	4	Decal - Attach Lanyard Here	
24	1703819	2	Decal - Directional Arrow	
25	1703822	1	Decal - Manual Descent	
33	1703687	2	Decal - Directional Arrow	
36	1706338	AR	Decal - Warning Crushing Hazard/Danger Electrocution	
37	1705670	2	Decal - Battery Warning	
38	1706492	1	Decal - Battery Charger Instructions	
42	1702773	2	Decal - JLG (5in Height)	
43	1701435	2	Decal - JLG (3.5in Height)	

## SECTION 9 - DECALS

FIGURE 9-4. DECAL INSTALLATION - BRAZIL SPEC (DUAL LANGUAGE - PORTUGUESE/SPANISH)



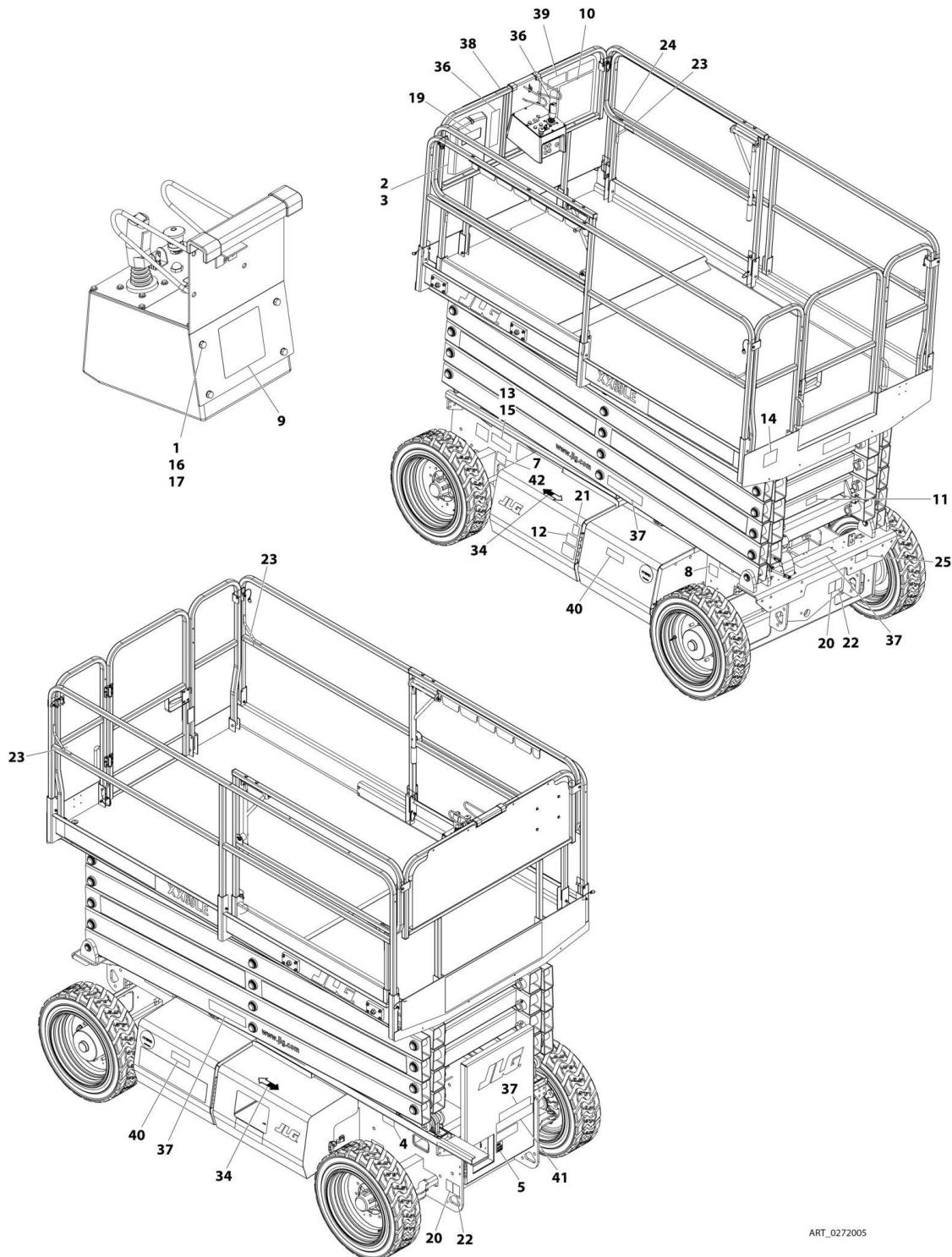
## SECTION 9 - DECALS

**FIGURE 9-4. DECAL INSTALLATION - BRAZIL SPEC (DUAL LANGUAGE - PORTUGUESE/SPANISH)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1283217	Ref	DECAL INSTALLATION - REFERENCE CHART	S
	0270601	Ref	DECAL INSTALLATION - BRAZIL SPEC (DUAL LANGUAGE - PORTUGUESE/SPANISH)	H
1	0641405	4	Bolt 1/4 x 5/8	
2	0860520	1	Box, Manual Storage	
3	1060279	1	Cable, Lanyard ( <b>SN 0200230092 through 0200266243, SN M20000100 through M200021529</b> )	
5	1701644	1	Decal - Battery Charger	
7	1704008	1	Decal - Inspection ( <b>SN M200000100 through M200011727</b> )	
8	1702155	1	Decal - Battery Disconnect	
9	See Note	NSS	Decal - Barcode (Note: Not Available for Purchase)	
10	1704699	1	Decal - Danger/Warning	
11	1704211	1	Decal - Safety Prop	
12	1704412	1	Decal - Hydraulic Oil	
13	2080057	4	Fastener	
14	3251813	1	Decal - USA ( <b>SN 0200230092 through 0200264013</b> )	
15	See Note	NSS	Nameplate - Serial Number (Note: Not Available for Purchase)	
16	3311405	4	Nut 1/4	
17	4711400	8	Washer 1/4	
19	1701509	1	Decal - Manual	
20	1703811	4	Decal - Lifting Lugs	
21	1703812	1	Decal - Hydraulic Oil	
22	1703814	4	Decal - Tie Down	
23	1704277	8	Decal - Attach Lanyard Here	
24	1703819	2	Decal - Directional Arrow	
25	1703822	1	Decal - Manual Descent	
34	1703687	2	Decal - Directional Arrow	
36	1704915	1	Decal - Legend	
37	1704701	4	Decal - Crushing Hazard/Electrocution	
38	1704702	1	Decal - Console Box Location	
39	1704916	1	Decal - Gradeability	
40	1704341	1	Decal - Warning Battery Ventilation	
41	1704330	1	Decal - Battery Charger Instructions	
42	1001224052	1	Decal - Yearly Inspection ( <b>SN 0200266462 through 0200266243, SN M200010510 through M200039307</b> )	

## SECTION 9 - DECALS

FIGURE 9-5. DECAL INSTALLATION - CHINESE SPEC (DUAL LANGUAGE - ENGLISH/CHINESE)



ART\_0272005

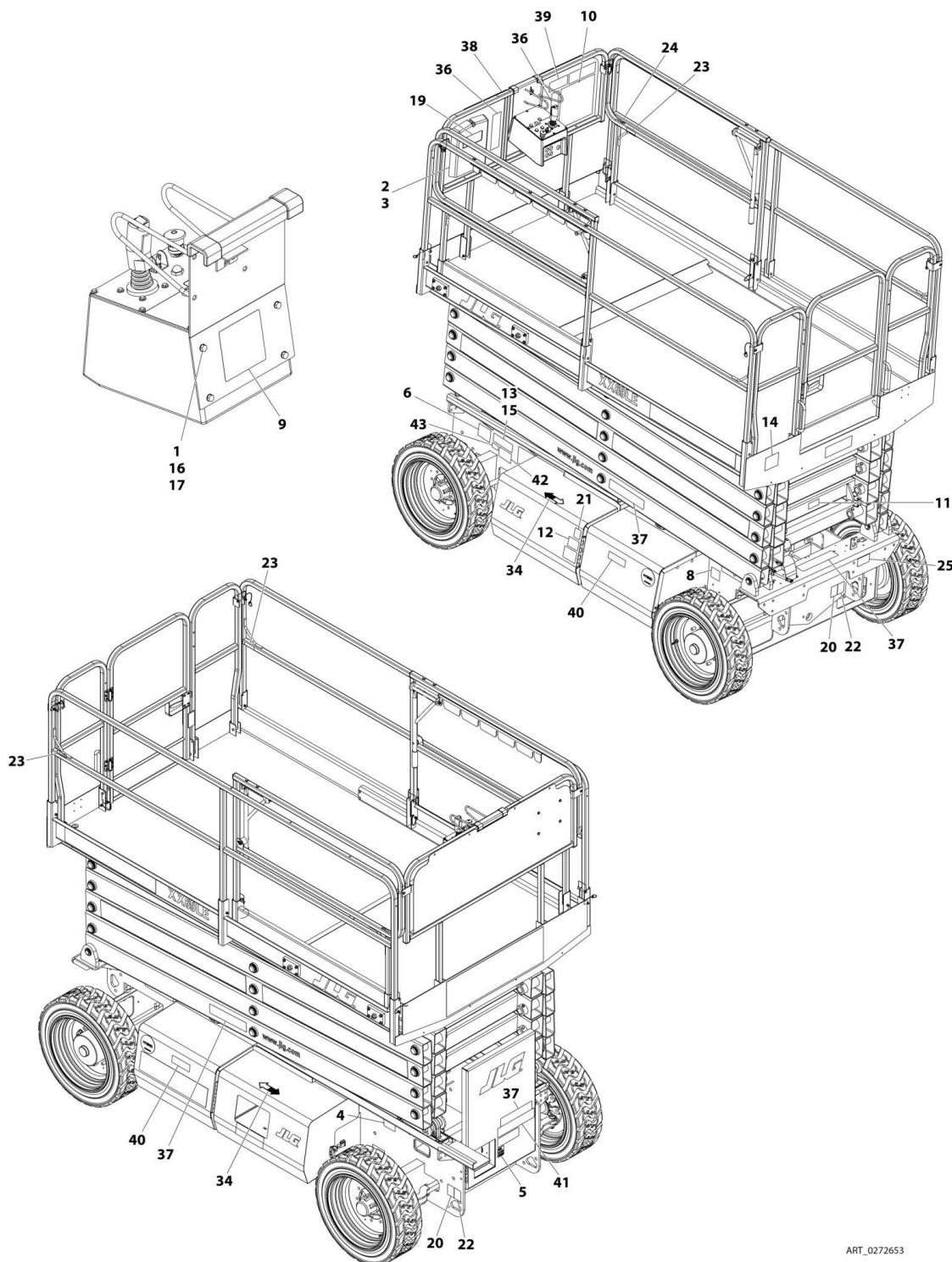
## SECTION 9 - DECALS

**FIGURE 9-5. DECAL INSTALLATION - CHINESE SPEC (DUAL LANGUAGE - ENGLISH/CHINESE)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1283217	Ref	DECAL INSTALLATION - REFERENCE CHART	S
	0272005	Ref	DECAL INSTALLATION - ANSI EXPORT AND CE SPECS (DUAL LANGUAGE - ENGLISH/CHINESE)	H
1	0641405	4	Bolt 1/4 x 5/8	
2	0860520	1	Box, Manual Storage	
3	1060279	1	Cable, Lanyard ( <b>SN 0200230092 through 0200266243, SN M20000100 through M200021529</b> )	
5	1701644	1	Decal - Battery Charger	
7	1704607	1	Decal - Inspection ( <b>SN M200000100 through M200011727</b> )	
8	1702155	1	Decal - Battery Disconnect	
9	See Note	1	Decal - Barcode (Note: Not Available for Purchase)	
10	1705195	1	Decal - Danger/Warning	
11	1704211	1	Decal - Safety Prop	
12	1704412	1	Decal - Hydraulic Oil	
13	2080057	4	Fastener	
14	3251813	1	Decal - USA ( <b>SN 0200230092 through 0200264013</b> )	
15	See Note	1	Nameplate - Serial Number (Note: Not Available for Purchase)	
16	3311405	4	Nut 1/4	
17	4711400	8	Washer 1/4	
19	1701509	1	Decal - Manual	
20	1703811	4	Decal - Lifting Lugs	
21	1703812	1	Decal - Hydraulic Oil	
22	1703814	4	Decal - Tie Down	
23	1704277	8	Decal - Attach Lanyard Here	
24	1703819	2	Decal - Directional Arrow	
25	1703822	1	Decal - Manual Descent	
34	1703687	2	Decal - Directional Arrow	
36	1705097	1	Decal - Legend	
37	1705193	4	Decal - Warning	
38	1705194	1	Decal - Control Box Location	
39	1705098	1	Decal - Gradeability	
40	1704344	2	Decal - Warning Battery Ventilation	
41	1704333	1	Decal - Battery Charging Instructions	
42	1001224050	1	Decal - Yearly Inspection ( <b>SN 0200266462 through 0200266243, SN M200010510 through M200039307</b> )	

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FIGURE 9-6. DECAL INSTALLATION - CSA SPEC (DUAL LANGUAGE - ENGLISH/FRENCH)



ART\_0272653

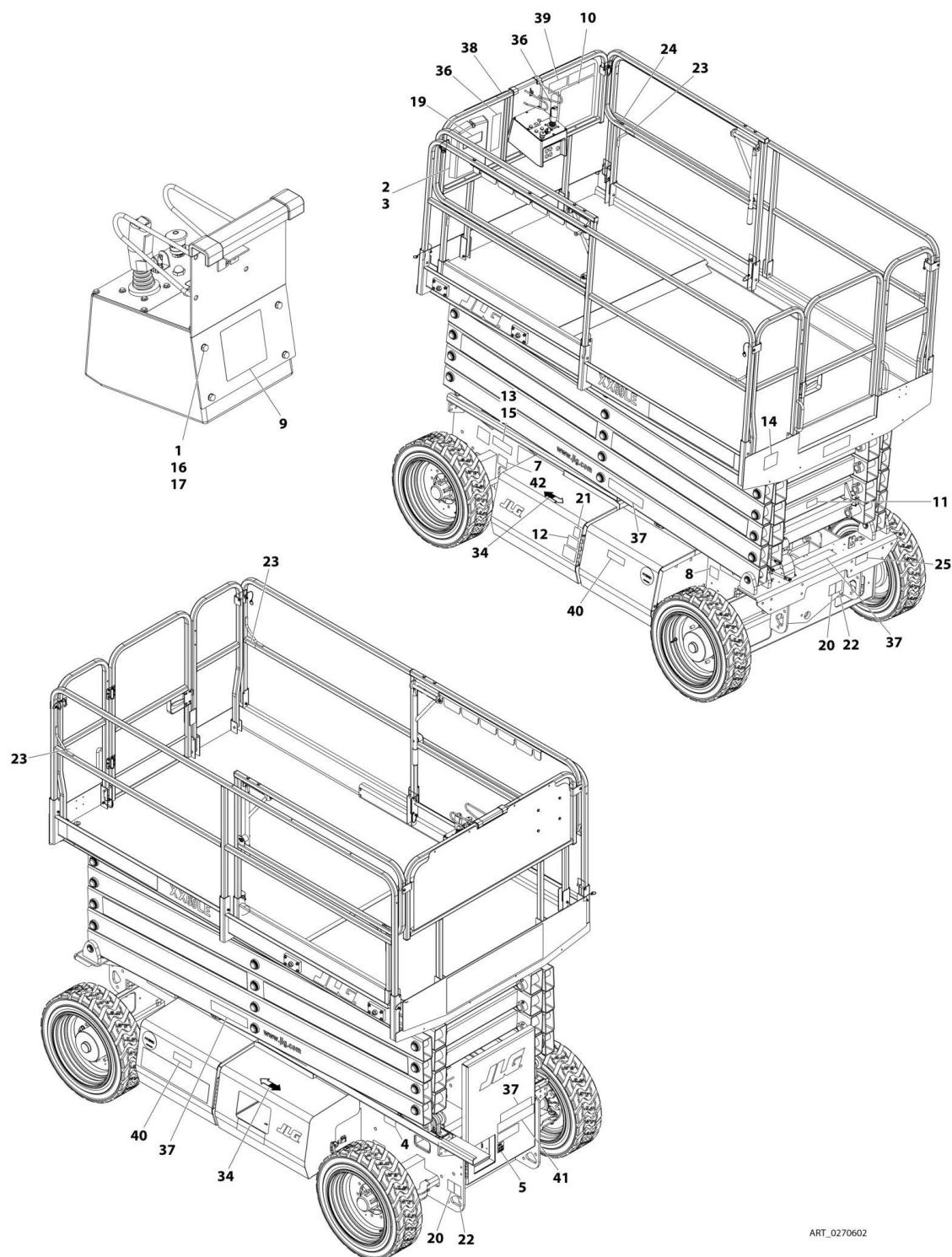
## SECTION 9 - DECALS

**FIGURE 9-6. DECAL INSTALLATION - CSA SPEC (DUAL LANGUAGE - ENGLISH/FRENCH)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1283217	Ref	DECAL INSTALLATION - REFERENCE CHART	S
	0272653	Ref	DECAL INSTALLATION - CSA SPEC (DUAL LANGUAGE - ENGLISH/FRENCH)	G
1	0641405	4	Bolt 1/4 x 5/8	
2	0860520	1	Box, Manual Storage	
3	1060279	1	Cable, Lanyard ( <b>SN 0200230092 through 0200266243, SN M20000100 through M200021529</b> )	
4	1001131270	1	Decal - Patent	
5	1701644	1	Decal - Battery Charger	
6	1705303	1	Decal - CSA	
8	1702155	1	Decal - Battery Disconnect	
9	See Note	NSS	Decal - Barcode (Note: Not Available for Purchase)	
10	1704684	1	Decal - Danger/Warning	
11	1704211	1	Decal - Safety Prop	
12	1704412	1	Decal - Hydraulic Oil	
13	2080057	4	Fastener	
14	3251813	1	Decal - USA ( <b>SN 0200230092 through 0200264013</b> )	
15	See Note	NSS	Nameplate - Serial Number (Note: Not Available for Purchase)	
16	3311405	4	Nut 1/4	
17	4711400	8	Washer 1/4	
19	1701509	1	Decal- Manual	
20	1703811	4	Decal - Lifting Lugs	
21	1703812	1	Decal - Hydraulic Oil	
22	1703814	4	Decal - Tie Down	
23	1704277	8	Decal - Attach Lanyard Here	
24	1703819	2	Decal - Directional Arrow	
25	1703822	1	Decal - Manual Descent	
34	1703687	2	Decal - Directional Arrow	
36	1704904	1	Decal - Legend	
37	1704686	4	Decal - Warning	
38	1704687	1	Decal - Control Box Location	
39	1704912	1	Decal - Gradeability	
40	1704340	2	Decal - Warning Battery Ventilation	
41	1704329	1	Decal - Battery Charging Instructions	
42	1001223971	1	Decal - Yearly Inspection ( <b>SN 0200266462 through 0200266243, SN M200010510 through M200039307</b> )	
43	1001228370	1	Decal - ICES ( <b>SN 0200266462 through 0200266243, SN M200010510 through M200039307</b> )	

## SECTION 9 - DECALS

FIGURE 9-7. DECAL INSTALLATION - JAPANESE SPEC (DUAL LANGUAGE - ENGLISH/JAPANESE)



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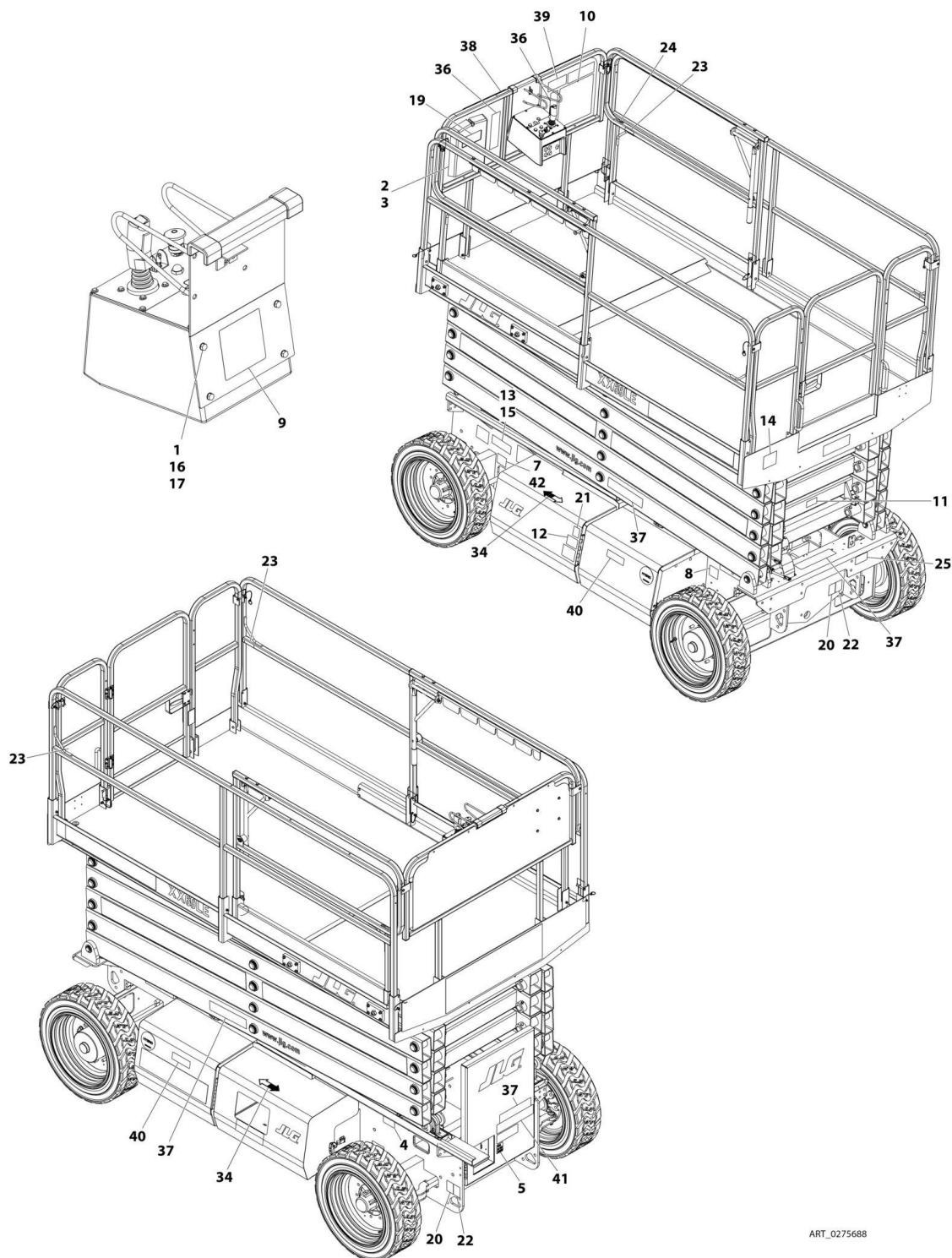
## SECTION 9 - DECALS

**FIGURE 9-7. DECAL INSTALLATION - JAPANESE SPEC (DUAL LANGUAGE - ENGLISH/JAPANESE)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1283217	Ref	DECAL INSTALLATION - REFERENCE CHART	S
	0270602	Ref	DECAL INSTALLATION - JAPANESE SPEC (DUAL LANGUAGE - ENGLISH/JAPANESE)	H
1	0641405	4	Bolt 1/4 x 5/8	
2	0860520	1	Box, Manual Storage	
3	1060279	1	Cable, Lanyard ( <b>SN 0200230092 through 0200266243, SN M20000100 through M200021529</b> )	
5	1701644	1	Decal - Battery Charger	
7	1701621	1	Decal - Inspection ( <b>SN M200000100 through M200011727</b> )	
8	1702155	1	Decal - Battery Disconnect	
9	See Note	NSS	Decal - Barcode (Note: Not Available for Purchase)	
10	1704278	1	Decal - Danger/Warning	
11	1704211	1	Decal - Safety Prop	
12	1704412	1	Decal - Hydraulic Oil	
13	2080057	2	Fastener	
14	3251813	1	Decal - USA ( <b>SN 0200230092 through 0200264013</b> )	
15	See Note	NSS	Nameplate - Serial Number (Note: Not Available for Purchase)	
16	3311405	4	Nut 1/4	
17	4711400	8	Washer 1/4	
19	1701509	1	Decal - Manual	
20	1703811	4	Decal - Lifting Lugs	
21	1703812	1	Decal - Hydraulic Oil	
22	1703814	4	Decal - Tie Down	
23	1704277	8	Decal - Attach Lanyard Here	
24	1703819	2	Decal - Directional Arrow	
25	1703822	1	Decal - Manual Descent	
34	1703687	2	Decal - Directional Arrow	
36	1704917	1	Decal - Legend	
37	1705394	4	Decal - Warning	
38	1705398	1	Decal - Control Box Location	
39	1704918	1	Decal - Gradeability	
40	1704342	2	Decal - Warning Battery Ventilation	
41	1704331	1	Decal - Battery Charging Instruction	
42	1001224053	1	Decal - Yearly Inspection ( <b>SN 0200266462 through 0200266243, SN M200010510 through M200039307</b> )	

## SECTION 9 - DECALS

FIGURE 9-8. DECAL INSTALLATION - KOREAN SPEC (DUAL LANGUAGE - ENGLISH/KOREAN)



ART\_0275688

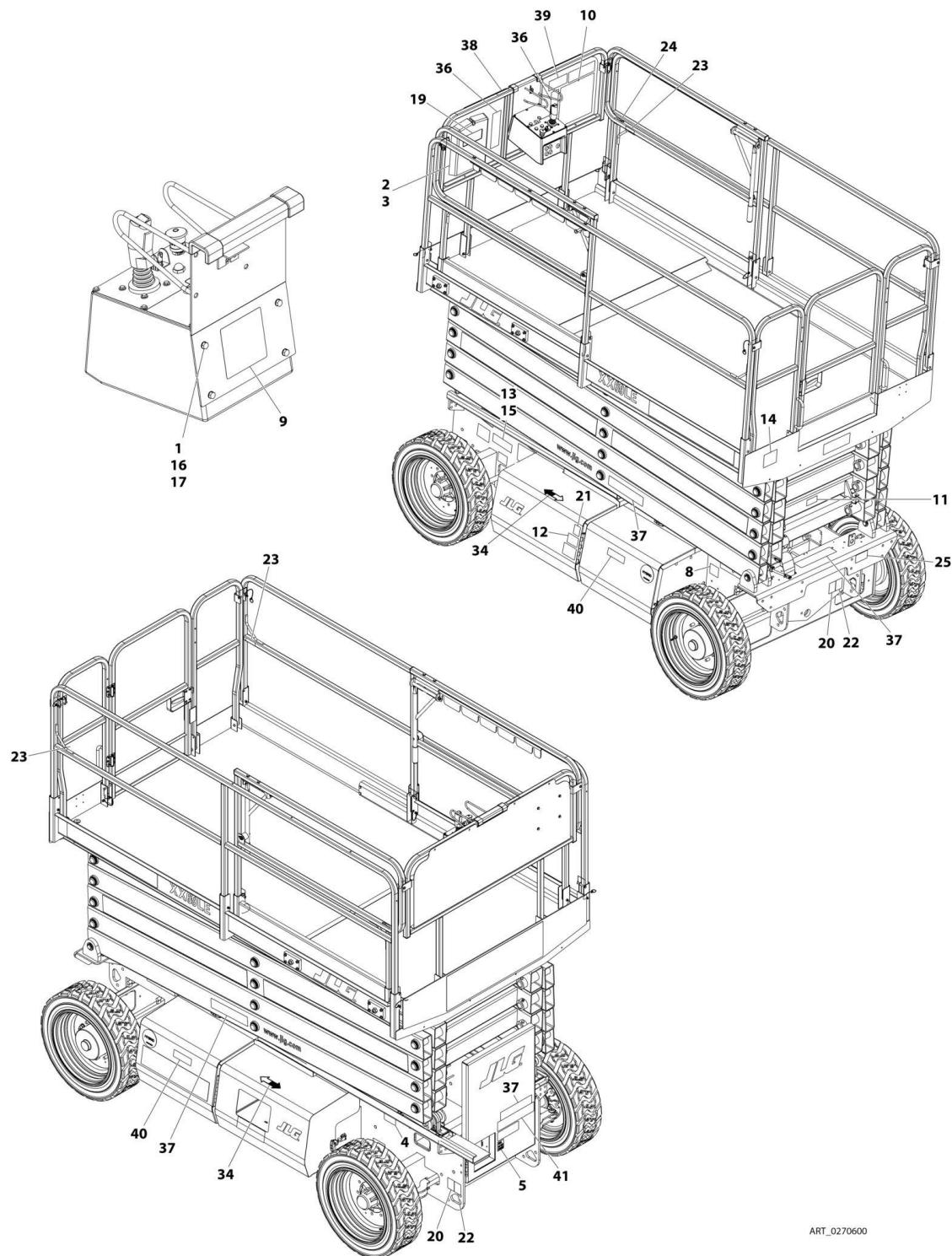
## SECTION 9 - DECALS

**FIGURE 9-8. DECAL INSTALLATION - KOREAN SPEC (DUAL LANGUAGE - ENGLISH/KOREAN)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1283217	Ref	DECAL INSTALLATION - REFERENCE CHART	S
	0275688	Ref	DECAL INSTALLATION - KOREAN SPEC (DUAL LANGUAGE - ENGLISH/KOREAN)	H
1	0641405	4	Bolt 1/4 x 5/8	
2	0860520	1	Box, Manual Storage	
3	1060279	1	Cable, Lanyard ( <b>SN 0200230092 through 0200266243, SN M20000100 through M200021529</b> )	
5	1701644	1	Decal - Battery Charger	
7	1703962	1	Decal - Inspection ( <b>SN M200000100 through M200011727</b> )	
8	1702155	1	Decal - Battery Disconnect	
9	See Note	1	Decal - Barcode (Note: Not Available for Purchase)	
10	1707021	1	Decal - Danger/Warning	
11	1704211	1	Decal - Safety Prop	
12	1704412	1	Decal - Hydraulic Oil	
13	2080057	4	Fastener	
14	3251813	1	Decal - USA ( <b>SN 0200230092 through 0200264013</b> )	
15	See Note	1	Nameplate - Serial Number (Note: Not Available for Purchase)	
16	3311405	4	Nut 1/4	
17	4711400	8	Washer 1/4	
19	1701509	1	Decal - Manual	
20	1703811	4	Decal - Lifting Lugs	
21	1703812	1	Decal - Hydraulic Oil	
22	1703814	4	Decal - Tie Down	
23	1704277	8	Decal - Attach Lanyard Here	
24	1703819	2	Decal - Directional Arrow	
25	1703822	1	Decal - Manual Descent	
34	1703687	2	Decal - Directional Arrow	
36	1707026	1	Decal - Legend	
37	1707018	4	Decal - Warning	
38	1707020	1	Decal - Control Box Location	
39	1707024	1	Decal - Gradeability	
40	1707022	2	Decal - Warning Battery Ventilation	
41	1707025	1	Decal - Battery Charging Instructions	
42	1001223055	1	Decal - Yearly Inspection ( <b>SN 0200266462 through 0200266243, SN M200010510 through M200039307</b> )	

## SECTION 9 - DECALS

FIGURE 9-9. DECAL INSTALLATION - LATIN AMERICAN SPEC (DUAL LANGUAGE - ENGLISH/SPANISH)



ART\_0270600

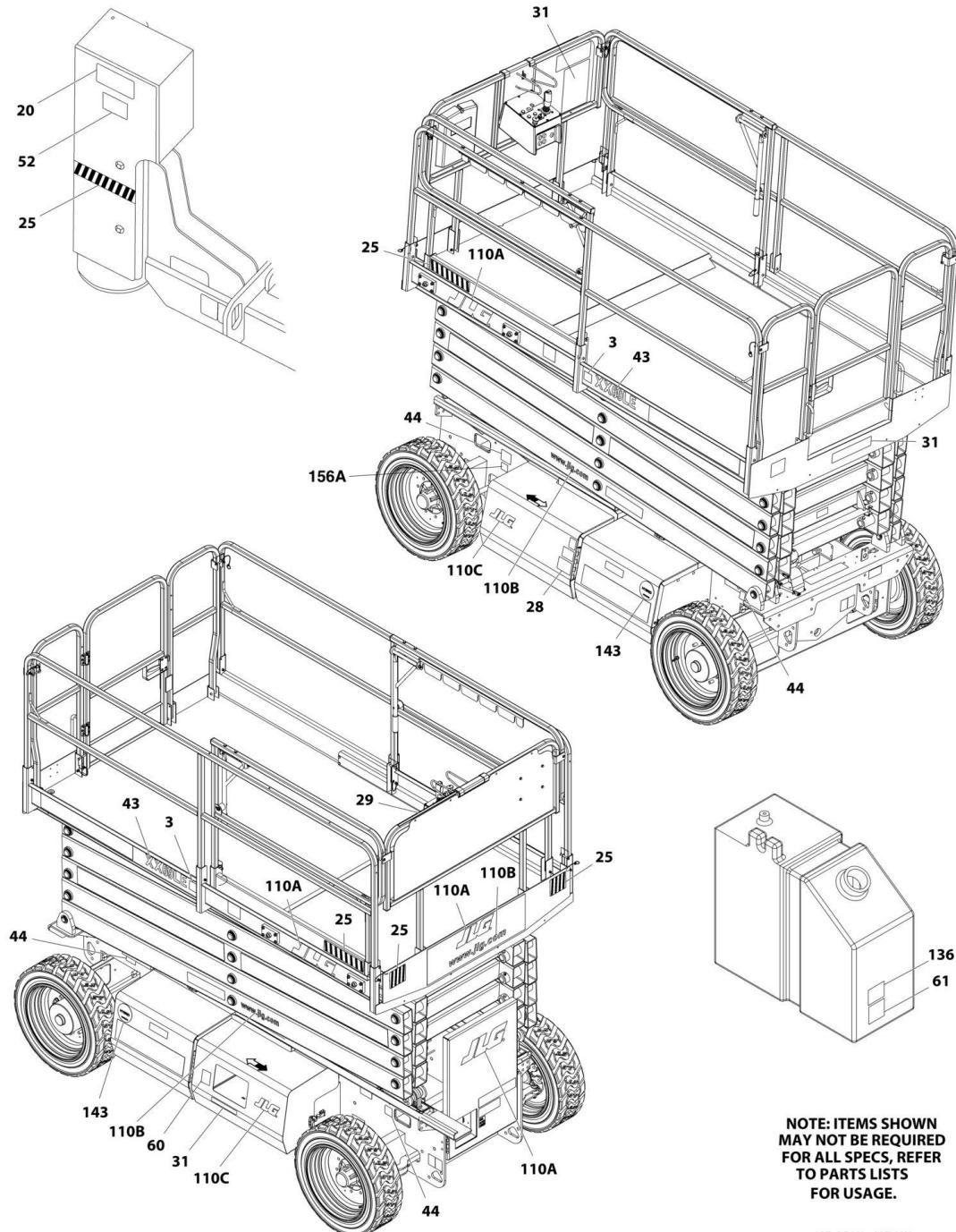
## SECTION 9 - DECALS

**FIGURE 9-9. DECAL INSTALLATION - LATIN AMERICAN SPEC (DUAL LANGUAGE - ENGLISH/SPANISH)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1283217	Ref	DECAL INSTALLATION - REFERENCE CHART	S
	0270600	Ref	DECAL INSTALLATION - LATIN AMERICA SPEC (DUAL LANGUAGE - ENGLISH/SPANISH)	G
1	0641405	4	Bolt 1/4 x 5/8	
2	0860520	1	Box, Manual Storage	
3	1060279	1	Cable, Lanyard ( <b>SN 0200230092 through 0200266243, SN M200000100 through M200021529</b> )	
5	1701644	1	Decal - Battery Charger	
8	1702155	1	Decal - Battery Disconnect	
9	See Note	NSS	Decal - Barcode (Note: Not Available for Purchase)	
10	1704691	1	Decal - Danger/Warning	
11	1704211	1	Decal - Safety Prop	
12	1704412	1	Decal - Hydraulic Oil	
13	2080057	4	Fastener	
14	3251813	1	Decal - USA ( <b>SN 0200230092 through 0200264013</b> )	
15	See Note	NSS	Nameplate - Serial Number (Note: Not Available for Purchase)	
16	3311405	4	Nut 1/4	
17	4711400	8	Washer 1/4	
19	1701509	1	Decal - Manual	
20	1703811	4	Decal - Lifting Lugs	
21	1703812	1	Decal - Hydraulic Oil	
22	1703814	4	Decal - Tie Down	
23	1704277	8	Decal - Attach Lanyard Here	
24	1703819	2	Decal - Directional Arrow	
25	1703822	1	Decal - Manual Descent	
34	1703687	2	Decal - Directional Arrow	
36	1704913	1	Decal - Legend	
37	1704693	4	Decal - Warning	
38	1704694	1	Decal - Control Box Location	
39	1704914	1	Decal - Gradeability	
40	1704339	2	Decal - Warning Battery Ventilation	
41	1704328	1	Decal - Battery Charging Instruction	
42	1001224049	1	Decal - Yearly Inspection ( <b>SN 0200266462 through 0200266243, SN M200010510 through M200039307</b> )	

## SECTION 9 - DECALS

FIGURE 9-10. DECAL INSTALLATION - OPTIONS



ART\_DECAL\_OPTIONS

## SECTION 9 - DECALS

**FIGURE 9-10. DECAL INSTALLATION - OPTIONS**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1283217	Ref	DECAL INSTALLATION - REFERENCE CHART (ALL SPECS EXCEPT AUSTRALIAN AND CE SPECS)	S
	1283249	Ref	DECAL INSTALLATION - REFERENCE CHART (AUSTRALIAN AND CE SPECS ONLY)	O
	1001165000	Ref	DECAL INSTALLATION - OPTIONS	
3	1704998	2	Decal - All Wheel Drive (4WD Only)	
20	1701214	8	Decal - Outrigger Warning (ANSI and ANSI Export Specs) (English)	
20	1701785	AR	Decal - Outrigger Warning (Australian and CE Specs)	
20	1704698	8	Decal - Outrigger Warning (Brazil Specs) (Portuguese/Spanish)	
20	1704690	8	Decal - Outrigger Warning (CSA Specs) (English/French)	
20	1704536	8	Decal - Outrigger Warning (Japanese Specs) (English/Japanese)	
20	1704697	8	Decal - Outrigger Warning (Latin America Specs) (English/Spanish)	
25	0251642	Ref	Corner Stripes Installation	D
25	4420051	4 ft/1.2m	Tape, Safety	
28	1704174	1	Decal - Biodegradable Oil (Optional - All Specs except German Spec)	
28	1704175	1	Decal - Biodegradable Hydraulic Fluid (German Spec Only)	
29	1702962	1	Decal - Warning Prop 65 (M3369 & M4069 ANSI Spec Only)	
31	1001125438	3	Decal - Capacity 1000LBS/454KG (3369LE/M3369 All Specs except Australian and CE Specs)	
31	1704530	1	Decal - Capacity 450KG (3369LE/M3369 Australian and CE Specs)	
31	1706491	1	Decal - Capacity 450KG (CE Machines with 60KPH Wind Specs)	
31	1001125437	3	Decal - Capacity 800LBS/363KG (4069LE/M4069 All Specs except Australian and CE Specs)	
31	1704580	1	Decal - Capacity 360KG (Australian and CE Specs)	
31	1001195037	1	Decal - Capacity (UK MOD Machines)	
43	1704783	2	Decal - 3369LE	
43	1704784	2	Decal - 4069LE	
43	1704908	2	Decal - M3369	
43	1704909	2	Decal - M4069	
44	1703490	4	Decal - Max Tire Load (3369LE & M3369)	
44	1704953	4	Decal - Max Tire Load (4069LE & M4069)	
52	1704955	4	Decal - Max Jack Load (3369LE/M3369)	
52	1704954	4	Decal - Max Jack Load (4069LE/M4069)	
60	1704286	1	Decal - Generator (M3369 & M4069 ANSI and ANSI Export Specs Only)	
60	1001093687	1	Decal - Generator (M3369 & M4069 ANSI Export, Australian, CE and Japanese Specs Only) (Pictogram)	
60	1704371	1	Decal - Generator (M3369 & M4069 ANSI Export Specs Only) (Dual Language English/Spanish)	
60	1704373	1	Decal - Generator (M3369 & M4069 Brazil Spec Only) (Portuguese/Spanish)	
60	1704368	1	Decal - Generator (M3369 & M4069 CSA Specs Only) (Dual Language English/French)	
61	1701505	2	Decal - Diesel Fuel	
110	1001166308	Ref	JLG Decals Installation (All Specs except CE Specs) (Not Shown)	A
110	1001166308	Ref	JLG Decals Installation (CE Specs) (Not Shown) ( <b>SN 0200230092 through 0200259790</b> )	A
110A	1702773	4	Decal - JLG	

## SECTION 9 - DECALS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
110B	1704885	3	Decal - Website	
110C	1705781	2	Decal - JLG	
136	1001108923	1	Decal - Fuel Spec (M3369/M4069 ANSI and CSA Specs Only)	
136	1001139654	1	Decal - Fuel Spec (M3369/M4069 CE and JAPANESE Specs Only)	
143	1001121510	2	Decal - Hybrid (M3369/M4069 Only)	
156	1001214029	1	Decal - EAC Installation (CIS and Russia Specs)	
156A	1001173703	1	Decal - EAC	

## **SECTION 10 - RECOMMENDED SERVICE PARTS STOCK**

### **SECTION 10 - RECOMMENDED SERVICE PARTS STOCK**

## SECTION 10 - RECOMMENDED SERVICE PARTS STOCK

**FIGURE 10-1. RECOMMENDED SERVICE PARTS STOCK**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: The following list will service one machine (built to current production per date on the front cover) with emergency repair parts which can be installed in the field. Parts from the list should be replaced when inventory is depleted to keep service parts stock supplied. For further information, contact your JLG dealer or the JLG Industries Parts Department.	
		Ref	STANDARD PARTS	
	70002963	1	Coil	
	70002947	1	Coil	
	7012943	1	Coil	
	7017451	1	Coil	
	7012944	1	Coil	
	7021619	1	Switch, Pressure	
	1120534	1	Cap, Filler/Breather	
	4360069	1	Breaker, Circuit - 10Amp	
	4360328	1	Switch, Toggle	
	2860030	1	Key, Replacement	
	4360475	1	Switch, Emergency Stop	
	4360387	1	Switch, Push Button	
	4360482	1	Switch, Toggle	
	1600403	1	Controller Assembly	
		Ref	VARIABLE PARTS	
	1600421	1	Controller, Power Pack	
	3740135	1	Contactor	
	0610131	1	PC Board - Battery Charger	
	1001155878	1	Module, Ground Control	
	4360469	1	Switch, Key (All Specs except CE Spec)	
	4360470	1	Switch, Key (CE Spec)	
	1810140	1	Module, Tilt	
	7016314	1	Cap, Fuel (M3369/M4069)	
	70000313	12	Element, Air Cleaner (M3369/M4069)	
	70000318	12	Element, Fuel Filter (M3369/M4069)	
	70000319	12	Element, Oil Filter (M3369/M4069)	
	4360500	1	Switch, Rotary Angle Sensor	
	4360502	1	Switch, Proximity Sensor	
	2940074	1	Latch (Self Closing Gate)	
	0610169	1	PC Board Platform Console Box	
	2400056	2	Fuse .5Amp (Beacon Light Option)	
	1001181045	1	Breaker 16Amp/30mAmp Combination (CE Spec with 2 Breaker Box)	
	1001189172	1	Breaker 16Amp (Box with 3 Breakers)	
	1001189171	1	Breaker 30mAmp (Box with 3 Breakers)	
	4360548	1	Switch, Limit (Leveling Jacks)	

## **SECTION 11 - SPECIAL OPTIONS**

### **SECTION 11 - SPECIAL OPTIONS**

## SECTION 11 - SPECIAL OPTIONS

**FIGURE 11-1. SPECIAL OPTIONS**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: This list is to accommodate machines ordered with special equipment. Options may not be applicable to all models. For more specific parts information contact the JLG Parts Department.	
		Ref	SPECIAL OPTIONS	
	0274808	Ref	Airline to Platform Installation (3369LE/M3369)	
	1001096087	Ref	Airline to Platform Installation (4069LE/M4069)	
	1001197147	Ref	Arms Installation with LSS and Soft Touch (M3369) ( <b>Prior to SN 0200261628</b> )	
	1001193272	Ref	Arm Guards Installation with Tow (UK MOD Machines - See JLG Manual p/n 3121698)	
	1001197891	Ref	Battery (Trickle) Charger Installation	
	0270543	Ref	Bubble Level Installation	
	1001239667	Ref	ClearSky (Telematics) Installation (Factory Installed) 3-Wire Connection (ANSI and CSA Specs)	
	1001239668	Ref	ClearSky (Telematics) Installation (Factory Installed) 3-Wire Connection (ANSI Export and CE Specs)	
	1001243224	Ref	ClearSky (Telematics) Add-on Kit (North America Specs)	
	1001243225	Ref	ClearSky (Telematics) Add-on Kit (CE Specs)	
		Ref	Decals:	
	1001241282	Ref	Decal - ClearSky	
		Ref	Decal Kits:	
	1001125245	Ref	Decal Kit - Calibration (3369LE/M3369)	
	1001125244	Ref	Decal Kit - Calibration (4069LE/M4069)	
	2902040	Ref	Decal Kit - Country Spec (ANSI Spec) (English Language)	
	2902043	Ref	Decal Kit - Country Spec (Brazil) (Portuguese/Spanish)	
	2902124	Ref	Decal Kit - Country Spec (Chinese) (English/Chinese)	
	2902041	Ref	Decal Kit - Country Spec (CSA) (English/French)	
	2902045	Ref	Decal Kit - Country Spec (Japanese) (English/Japanese)	
	2902553	Ref	Decal Kit - Country Spec (Korean) (English/Korean)	
	2902042	Ref	Decal Kit - Country Spec (Latin American) (English/Spanish)	
	2901912	Ref	Decal Kit - Master	
		Ref	Electrical Connector Kits:	
	1001148902	Ref	Electrical Connector Kit (Amp/Tyco Connectors)	
	1001148903	Ref	Electrical Connector Kit (Deutsch DT Connectors)	
	1001148904	Ref	Electrical Connector Kit (Deutsch HD Connectors)	
	1001148905	Ref	Electrical Connector Kit (Packard Connectors)	
	1001148906	Ref	Electrical Connector Kit (Various Connectors)	
	1001111710	Ref	Filter Kit (Without Hydraulic Breather) - Kubota Engine	
	1001111699	Ref	Filter Kit (Without Hydraulic Breather) - Yanmar Engine	
	0274849	Ref	Fire Extinguisher Installation (ANSI Spec)	
		Ref	Fluids:	
	2300028	AR	Fluid, Hydraulic Mobil DTE 10 Excel 15	
	2300016	AR	Fluid, Hydraulic Mobil DTE 10 Excel 32	
	2300029	AR	Fluid, Hydraulic Mobil EAL ISO 46 Biodegradeable	
	0100083	AR	Grease, Heat Transfer (Contactor Plate)	
	0100051	AR	Grease, Terminal (Battery Terminals)	
	3020008	AR	Lubricant 80W-90 (Drive Hub)	
	3020037	AR	Lubricant (Pump Coupling)	
	3020022	AR	Lubricant (Scissors Arms and Platform Extension)	
	1001195035	Ref	Ground Control Box Illumination Light Installation	

## SECTION 11 - SPECIAL OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182243	Ref	Hydraulic/Air Filter Service Kit	
	1001195031	Ref	Platform with Drop Rails (UK MOD Machines - See JLG Manual p/n 3121698) <b>(Prior to SN 0200261628)</b>	
	1001201464	Ref	Platform Console Box with Spotlight (2WD) (UK MOD Machines - See JLG Manual p/n 3121698)	
	1001195035	Ref	Platform Console Illumination Light Installation	
	1001192600	Ref	Platform Extension with Drop Rails (UK MOD Machines - See JLG Manual p/n 3121698) <b>(Prior to SN 0200261628)</b>	
	0274793	Ref	Platform Padding Installation (ANSI, ANSI Export and CSA Specs)	
	0274794	Ref	Platform Padding and Deck Bumpers Installation (ANSI, ANSI Export and CSA Specs)	
	1001177623	Ref	Platform Padding, Deck Bumpers Installation and Soft Touch Switches	
	1001193441	Ref	Platform Padding, Deck Bumpers Installation and Soft Touch Switches (UK MOD Machines - See JLG Manual p/n 3121698) <b>(Prior to SN 0200261628)</b>	
	0271125	Ref	Platform Worklights Installation (3369LE/M3369)	
	0271126	Ref	Platform Worklights Installation (4069LE/M4069)	
	1001166511	Ref	Security Lock (Programmable) Installation (CE Spec)	
	1001185245	Ref	Soft Touch Ground Harness Installation	
	1001201091	Ref	Spotlight Installation	
	0272946	Ref	Tie-Strap Installation (3369LE/M3369)	
	0272947	Ref	Tie-Strap Installation (4069LE/M4069)	
		Ref	Tools for Service:	
	2901443	Ref	Analyzer and Cable Kit	
	2915230	Ref	Battery Charger Reprogram Controller	
	7002821	Ref	Crimper (For Wire to Pin/Socket Connections)	
	4460510	Ref	Extractor, Pin (Yellow 12-14 Gauge) (For Removal of Pin/Socket)	
	4460467	Ref	Extractor, Pin (Blue 16-18 Gauge) (For Removal of Pin/Socket)	
	7002823	Ref	Extractor, Pin - Universal (For Removal of Pin/Socket)	
	7016654	Ref	Screwdriver, Magnetic	
	7002822	Ref	Screwdriver, Pontiometer (To Adjust Drive Controller)	
	7004275	Ref	Seal Tool 1 (For Cylinders)	
	7004276	Ref	Seal Tool 1-1/2 (For Cylinders)	
	7002826	Ref	Seal Tool 2 (For Cylinders)	
	1001137005	Ref	Software USB Cable Kit	
	7002828	Ref	Stripper, Wire	
	1001195036	Ref	Tow Bar Installation (UK MOD Machines - See JLG Manual p/n 3121698)	



## **SECTION 11 - SPECIAL OPTIONS**

### **PART NUMBER INDEX**

## SECTION 11 - SPECIAL OPTIONS

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